



TEST REPORT

Report No.: DHQ-18MA0310VTSPB-R2
Test Model: DH-XVR7208A-4KL-X, DH-XVR5216A-X,
DH-XVR4232AN-X, DH-XVR4216AN-X
Received: Mar.31, 2018
ISSUED: Jun.14, 2018

Applicant: ZHEJIANG DAHUA VISION TECHNOLOGY CO.,
LTD.
Address: No.1199, Bin'an Road, Binjiang District, Hangzhou,
P.R. China

Issued By: BUREAU VERITAS ADT (Shanghai) Corporation
Lab Location: No. 829, Xinzhuan Road, Shanghai, P.R.China
(201612)

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1. TEST PROGRAM

PRODUCT: DIGITAL VIDEO RECORDER

TEST MODEL: DH-XVR7208A-4KL-X, DH-XVR5216A-X, DH-XVR4232AN-X,
DH-XVR4216AN-X

SERIES MODEL: DH-XVR5208AN-4KL-X, XVR5208AN-4KL-X,
DH-XVR7208A-4KL-X, XVR7208A-4KL-X, X72A2A, X72A2A2,
X72A2A4, DH-HCVR5208A-V5, DH-HCVR7208A-V5,
DH-XVR5216AN-X, XVR5216AN-X, DH-XVR5216A-X,
XVR5216A-X, X52A3N, X52A3N1, X52A3N2, X52A3A,
X52A3A1, X52A3A2, DH-HCVR5216A-V5,
DH-XVR4232AN-X, XVR4232AN-X,
DH-XVR4216AN-X, XVR4216AN-X

APPLICANT: ZHEJIANG DAHUA VISION TECHNOLOGY CO.,LTD.

TESTED: Mar.31 to May.23, 2018

STANDARDS: 47 CFR FCC Part15, Subpart B, Class A
ANSI C63.4:2014

We, BUREAU VERITAS ADT (Shanghai) Corporation, declare that the equipment above has been tested and found compliance with the requirement limits of applicable standards. The test record, data evaluation and Equipment Under Test (EUT) configurations represented herein are true and accurate under the standards herein specified.

PREPARED BY : Bing YE , **DATE:** Jun.14, 2018

Project Engineer

APPROVED BY : Joy ZHU , **DATE:** Jun.14, 2018

Testing Manager





2. Summary of Test Procedure and Test Results

EMISSION(47 CFR FCC Part15, Subpart B)		
Test Item	Normative References	Test Result
Conducted Emission	47 CFR FCC Part15, Subpart B 15.107	Meets the Class A requirements
Radiated Emission	47 CFR FCC Part15, Subpart B 15.109	Meets the Class A requirements

Special comment: This test report replaces and cancels the previous Test report No: DHQ-18MA0310VTSPB-R1 dated on 2018-05-23.



3. Test Configuration of Equipment under Test

3.1. Manufacturer information

Manufacturer : ZHEJIANG DAHUA VISION TECHNOLOGY CO.,LTD.

Address : No.1199, Bin'an Road, Binjiang District, Hangzhou, P.R. China

3.2. Factory information

Factory (1) : ZHEJIANG DAHUA VISION TECHNOLOGY CO.,LTD.

Address : No.1199, Bin'an Road, Binjiang District, Hangzhou, P.R. China

Factory (2) : ZHEJIANG DAHUA ZHILIAN CO.,LTD.

Address : No.28, Dongqiao Road, Dongzhou Street, Fuyang District, Hangzhou,
P.R.China.

3.3. Feature of Equipment under Test

Product Name:	DIGITAL VIDEO RECORDER
Test Model:	DH-XVR7208A-4KL-X, DH-XVR5216A-X, DH-XVR4232AN-X, DH-XVR4216AN-X
Series Model:	DH-XVR5208AN-4KL-X, XVR5208AN-4KL-X, DH-XVR7208A-4KL-X, XVR7208A-4KL-X, X72A2A, X72A2A2, X72A2A4, DH-HCVR5208A-V5, DH-HCVR7208A-V5, DH-XVR5216AN-X, XVR5216AN-X, DH-XVR5216A-X, XVR5216A-X, X52A3N, X52A3N1, X52A3N2, X52A3A, X52A3A1, X52A3A2, DH-HCVR5216A-V5, DH-XVR4232AN-X, XVR4232AN-X, DH-XVR4216AN-X, XVR4216AN-X
EUT Power Rating:	12VDC 4A
AC adapter	1. Model: DPS-48DB; input: 100V-240V~/1.2A, 50Hz-60Hz; output: 12Vdc 4A 2. Model: ADS-65HI-12N-1 12048E; input: 100V-240V~, 50/60Hz output: 12Vdc 4A

Note: Please refer to user manual.

3.4. Description of support units

NO.	PRODUCT	BRAND	MODEL NO.
1	PC	Lenovo	Thinkpad L470
2	Monitor	--	--
3	DVD	Scientific LABS	DW9916D
4	Network Cable	--	--

3.5. Description of test mode

1	Full tests on DH-XVR7208A-4KL-X with adapter ADS-65HI-12N-1 12048E
2	Full tests on DH-XVR5216A-X with adapter ADS-65HI-12N-1 12048E
3	Full tests on DH-XVR4216AN-X with adapter DPS-48DB
4	Full tests on DH-XVR4232AN-X with adapter DPS-48DB

3.6. Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT:

This listed uncertainties are the worst case uncertainty for the entire range of measurement. Please note that the uncertainty values are provided for informational purposes only and are not used in determining the PASS/FAIL results.

Measurement		Value
Conducted emissions		2.55 dB
Radiated emissions	30 MHz ~ 1GHz	3.22 dB
	Above 1GHz	2.89 dB

4. Test of Conducted Emission

4.1. Test Limit

TEST STANDARD:

CFR 47 FCC Part 15, Subpart B (Section: 15.107)

FREQUENCY (MHz)	Class A (dB μ V)		Class B (dB μ V)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 - 0.5	79	66	66 - 56	56 - 46
0.50 - 5.0	73	60	56	46
5.0 - 30.0	73	60	60	50

- NOTES:**
1. The lower limit shall apply at the transition frequencies.
 2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50 MHz.
 3. All emanations from a class A/B digital device or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified above.



4.4. Measurement Equipment

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED UNTIL
Test Receiver ROHDE & SCHWARZ	ESCS30	E1R1002	Mar.26, 2019
LISN ROHDE & SCHWARZ	ENV216	E1L1011	Jul.24, 2018
LISN	ISNT800	E1C4010	Sep.18, 2018
LISN	ISNT8-CAT6	E1C4011	Sep.18, 2018
Software ADT	ADT_Cond_V7.3.0	N/A	N/A

4.5. Test Result and Data

4.5.1 Conducted Emission Test Data

Test model	DH-XVR7208A-4KL-X
Test mode	HDMI
Phase	LINE

Location: Conduction 1

Date: 4/3/2018

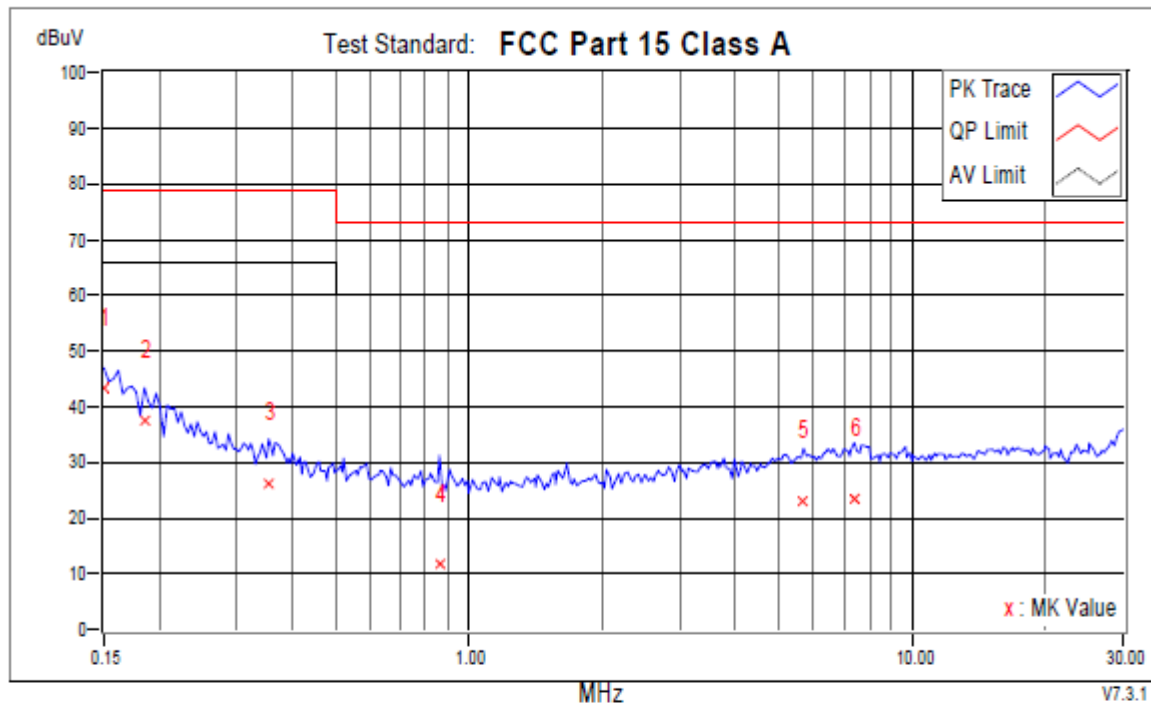
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Phase L1

Temperatuer (C): 23

Humidity (%): 51

Approved by:



No.	Frequency MHz	Corr. Factor dB	Reading dBuV		Emission dBuV		Limit dBuV		Margins dB		Notes
			QP	AV	QP	AV	QP	AV	QP	AV	
+1	0.15000	9.60	33.62	15.41	43.22	25.01	79.00	66.00	-35.78	-40.99	
2	0.18519	9.60	27.93	8.94	37.53	18.54	79.00	66.00	-41.47	-47.46	
3	0.35332	9.60	16.47	6.80	26.07	16.40	79.00	66.00	-52.93	-49.60	
4	0.85771	9.60	2.29	-8.89	11.89	0.71	73.00	60.00	-61.11	-59.29	
5	5.68809	9.66	13.27	6.22	22.93	15.88	73.00	60.00	-50.07	-44.12	
6	7.40067	9.62	13.94	7.31	23.56	16.93	73.00	60.00	-49.44	-43.07	

Test model	DH-XVR7208A-4KL-X
Test mode	HDMI
Phase	NEUTRAL

Location: Conduction 1

Date: 4/3/2018

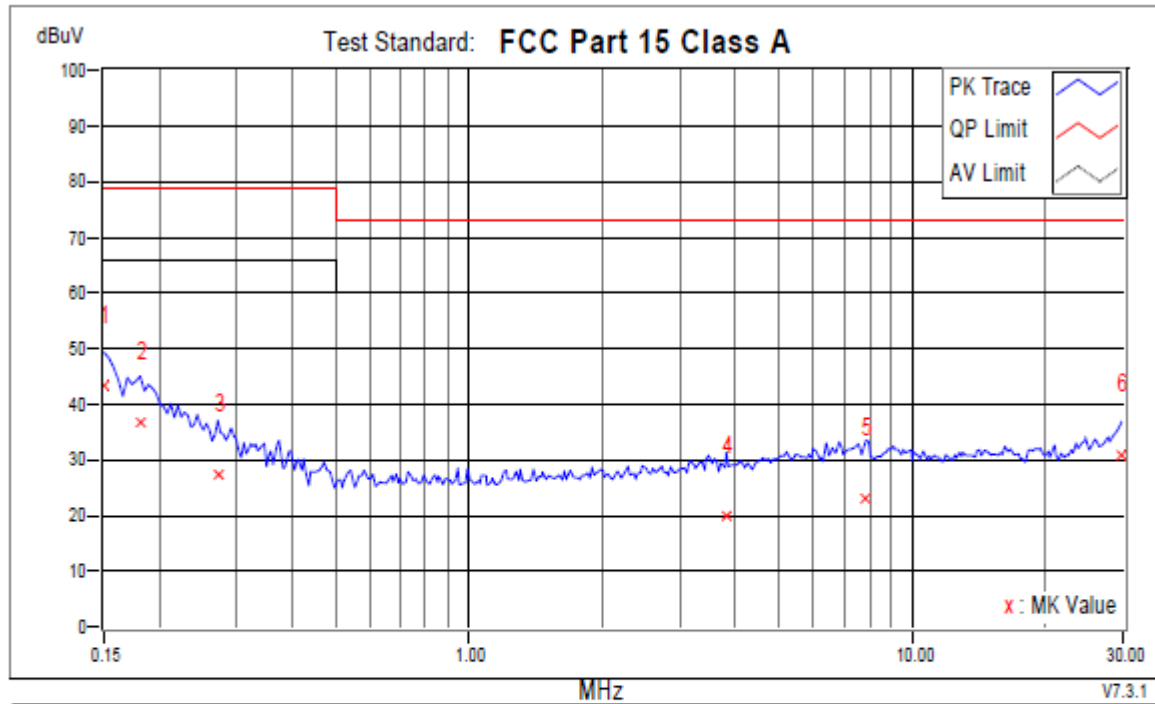
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Phase N

Temperatuer (C): 23

Humidity (%): 51

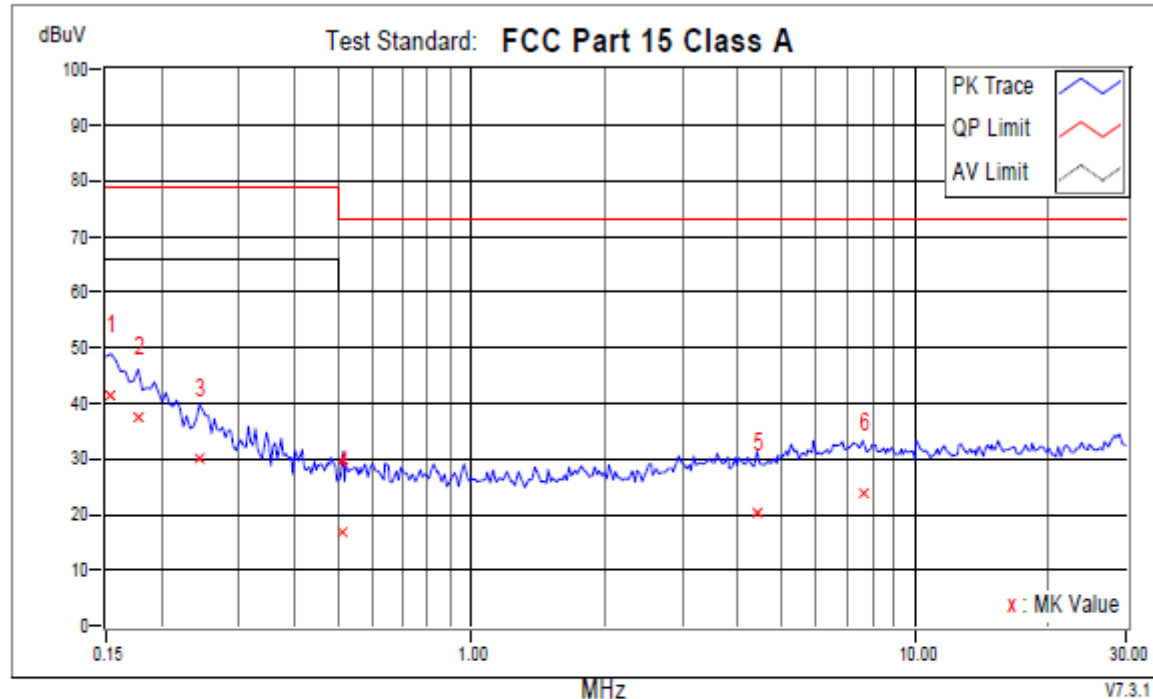
Approved by:



MHz											V7.3.1
	Frequency	Corr. Factor	Reading dBuV		Emission dBuV		Limit dBuV		Margins dB		Notes
No.	MHz	dB	QP	AV	QP	AV	QP	AV	QP	AV	
1	0.15000	9.60	33.64	14.95	43.24	24.55	79.00	66.00	-35.76	-41.45	
2	0.18128	9.60	27.23	7.69	36.83	17.29	79.00	66.00	-42.17	-48.71	
3	0.27121	9.60	17.81	2.99	27.41	12.59	79.00	66.00	-51.59	-53.41	
4	3.80738	9.60	10.27	2.90	19.87	12.50	73.00	60.00	-53.13	-47.50	
5	7.86596	9.73	13.27	6.91	23.00	16.64	73.00	60.00	-50.00	-43.36	
+6	29.71031	10.09	20.92	15.50	31.01	25.59	73.00	60.00	-41.99	-34.41	

Test model	DH-XVR7208A-4KL-X
Test mode	VGA
Phase	LINE

Location: Conduction 1 Date: 4/3/2018 Time: 3:57:18 PM Phase L1
 Temperature (C): 23 Humidity (%): 51 Approved by:



Frequency		Corr. Factor	Reading dBuV		Emission dBuV		Limit dBuV		Margins dB		Notes
No.	MHz	dB	QP	AV	QP	AV	QP	AV	QP	AV	
+1	0.15391	9.60	31.81	13.07	41.41	22.67	79.00	66.00	-37.59	-43.33	
2	0.17737	9.60	28.08	9.58	37.68	19.18	79.00	66.00	-41.32	-46.82	
3	0.24384	9.60	20.60	5.73	30.20	15.33	79.00	66.00	-48.80	-50.67	
4	0.51363	9.60	7.18	-5.14	16.78	4.46	73.00	60.00	-56.22	-55.54	
5	4.40561	9.61	10.77	3.33	20.38	12.94	73.00	60.00	-52.62	-47.06	
6	7.62745	9.57	14.08	7.59	23.65	17.16	73.00	60.00	-49.35	-42.84	

Test model	DH-XVR7208A-4KL-X
Test mode	VGA
Phase	NEUTRAL

Location: Conduction 1

Date: 4/3/2018

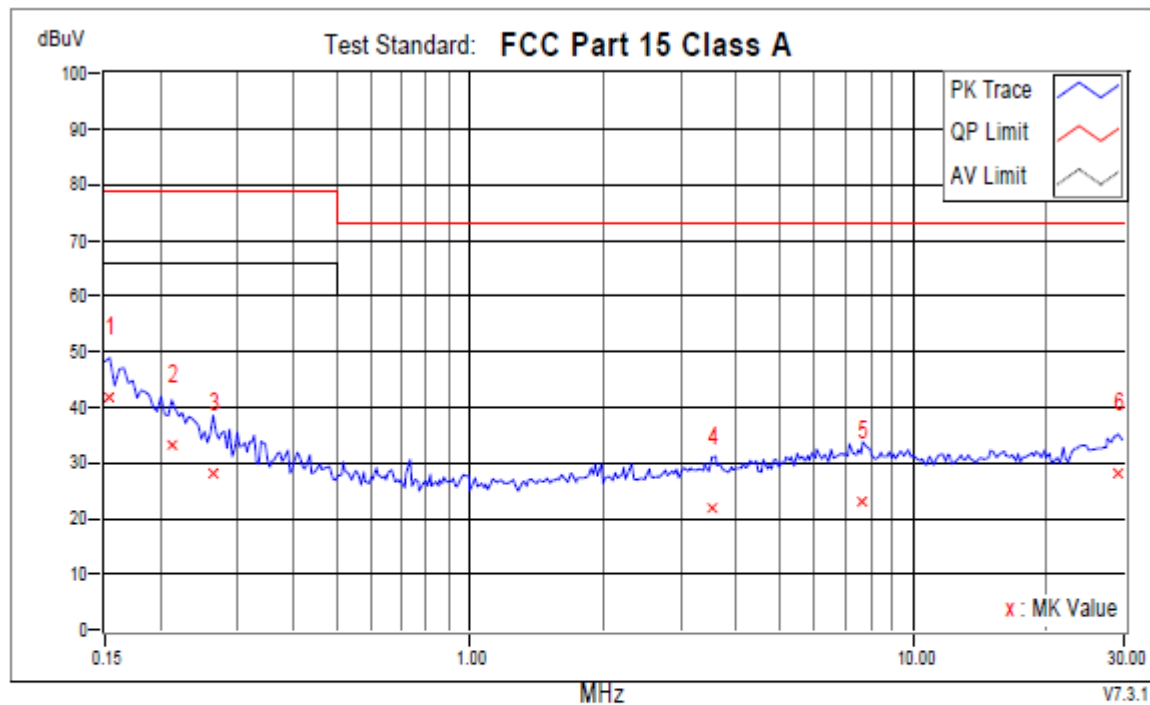
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Phase N

Temperatuer (C): 23

Humidity (%): 51

Approved by:



No.	Frequency	Corr. Factor	Reading dBuV		Emission dBuV		Limit dBuV		Margins dB		Notes
	MHz	dB	QP	AV	QP	AV	QP	AV	QP	AV	
+1	0.15391	9.60	32.22	12.40	41.82	22.00	79.00	66.00	-37.18	-44.00	
2	0.21256	9.60	23.74	6.24	33.34	15.84	79.00	66.00	-45.66	-50.16	
3	0.26339	9.60	18.72	2.99	28.32	12.59	79.00	66.00	-50.68	-53.41	
4	3.51413	9.60	12.13	3.87	21.73	13.47	73.00	60.00	-51.27	-46.53	
5	7.69783	9.72	13.32	7.08	23.04	16.80	73.00	60.00	-49.96	-43.20	
6	29.00260	10.08	18.00	12.73	28.08	22.81	73.00	60.00	-44.92	-37.19	

Test model	DH-XVR5216A-X
Test mode	HDMI
Phase	LINE

Location: Conduction 1

Date: 4/3/2018

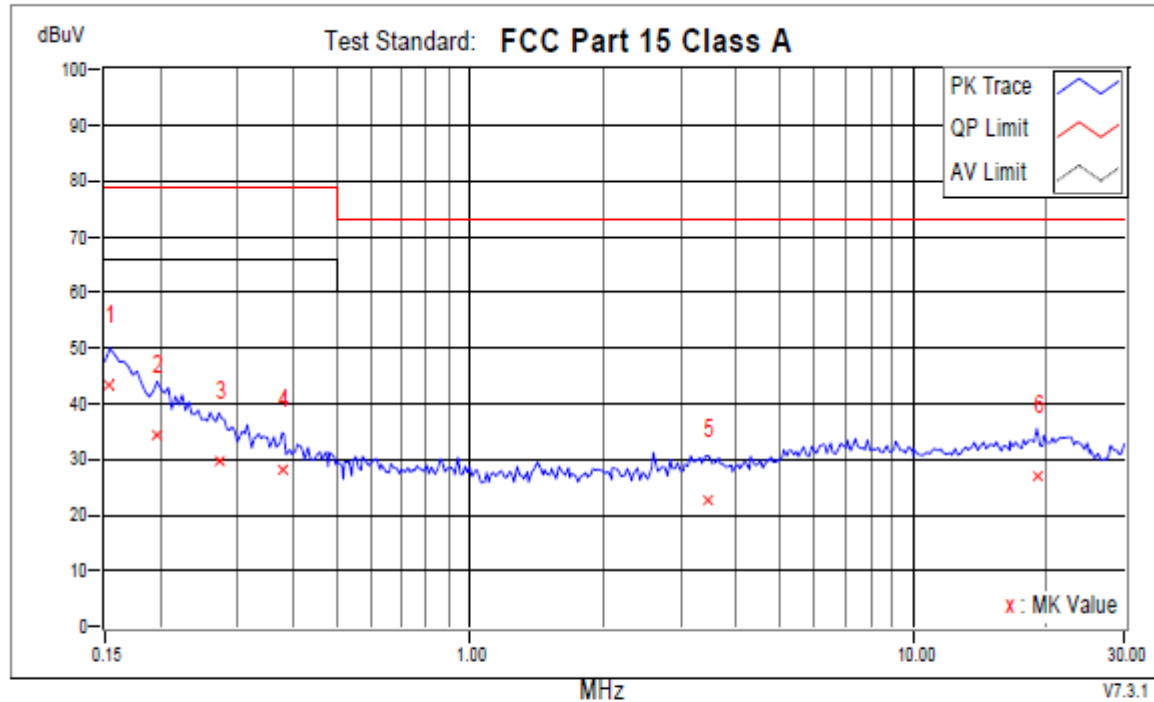
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Phase L1

Temperatuer (C): 23

Humidity (%): 51

Approved by:



No.	Frequency	Corr. Factor	Reading dBuV		Emission dBuV		Limit dBuV		Margins dB		Notes
	MHz	dB	QP	AV	QP	AV	QP	AV	QP	AV	
+1	0.15391	9.60	33.68	14.61	43.28	24.21	79.00	66.00	-35.72	-41.79	
2	0.19692	9.60	24.91	7.29	34.51	16.89	79.00	66.00	-44.49	-49.11	
3	0.27121	9.60	19.95	5.46	29.55	15.06	79.00	66.00	-49.45	-50.94	
4	0.37678	9.60	18.48	10.46	28.08	20.06	79.00	66.00	-50.92	-45.94	
5	3.45939	9.60	13.19	3.76	22.79	13.36	73.00	60.00	-50.21	-46.64	
6	19.01646	10.32	16.74	11.01	27.06	21.33	73.00	60.00	-45.94	-38.67	

Test model	DH-XVR5216A-X
Test mode	HDMI
Phase	NEUTRAL

Location: Conduction 1

Date: 4/3/2018

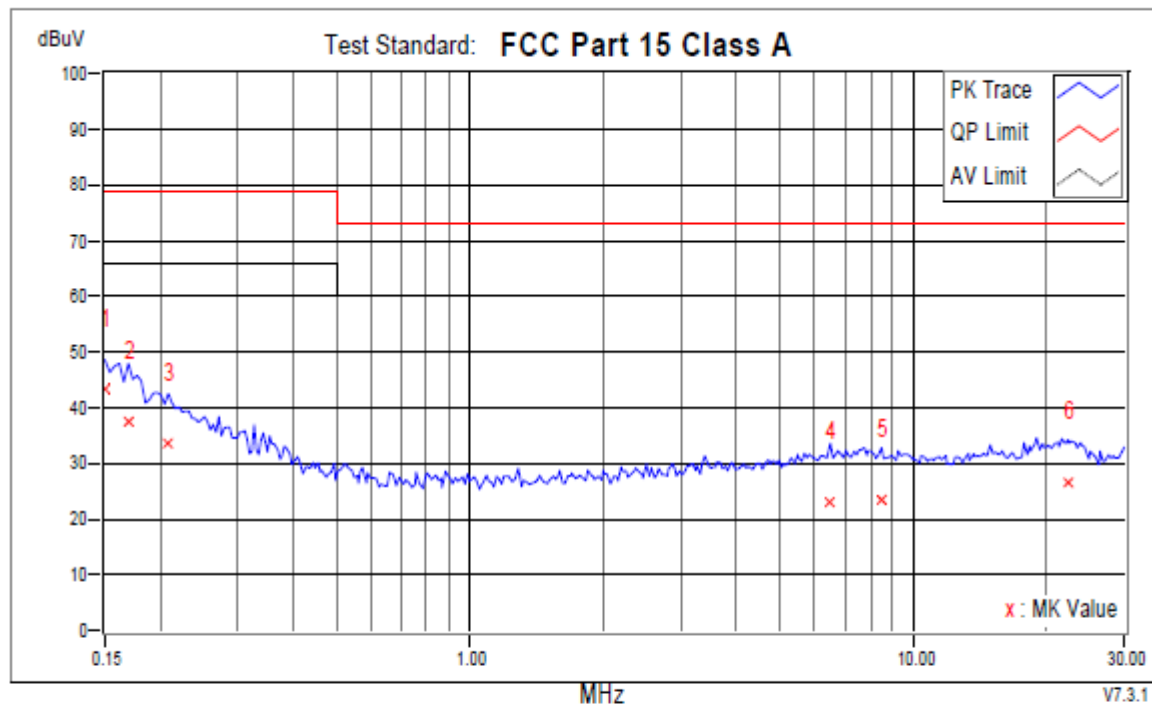
Time: 5:20:22 PM

Phase N

Temperatuer (C): 23

Humidity (%): 51

Approved by:



No.	Frequency	Corr. Factor	Reading dBuV		Emission dBuV		Limit dBuV		Margins dB		Notes
	MHz	dB	QP	AV	QP	AV	QP	AV	QP	AV	
+1	0.15000	9.60	33.78	13.70	43.38	23.30	79.00	66.00	-35.62	-42.70	
2	0.16955	9.60	27.84	8.27	37.44	17.87	79.00	66.00	-41.56	-48.13	
3	0.20865	9.60	24.08	7.83	33.68	17.43	79.00	66.00	-45.32	-48.57	
4	6.50528	9.68	13.21	7.11	22.89	16.79	73.00	60.00	-50.11	-43.21	
5	8.48765	9.40	14.04	8.11	23.44	17.51	73.00	60.00	-49.56	-42.49	
6	22.38297	10.11	16.46	11.06	26.57	21.17	73.00	60.00	-46.43	-38.83	

Test model	DH-XVR5216A-X
Test mode	VGA
Phase	LINE

Location: Conduction 1

Date: 4/3/2018

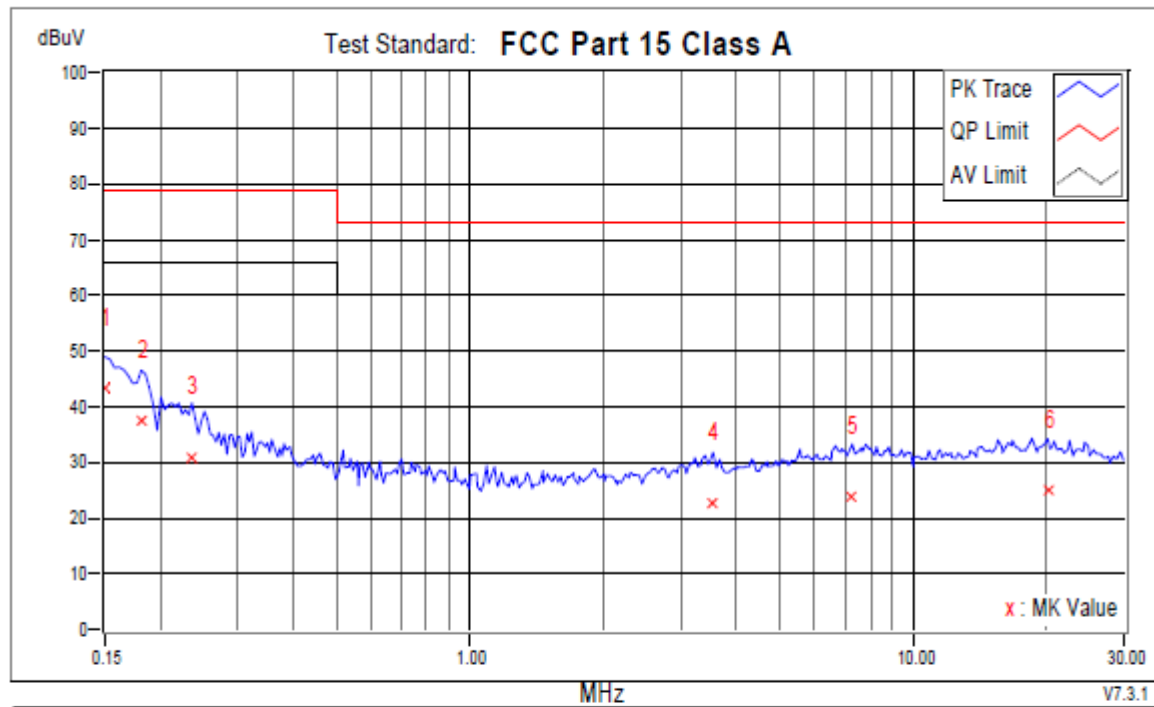
Time: 4:54:07 PM

Phase L1

Temperatuer (C): 23

Humidity (%): 51

Approved by:



No.	Frequency	Corr. Factor	Reading dBuV		Emission dBuV		Limit dBuV		Margins dB		Notes
	MHz	dB	QP	AV	QP	AV	QP	AV	QP	AV	
+1	0.15000	9.60	33.88	14.45	43.48	24.05	79.00	66.00	-35.52	-41.95	
2	0.18128	9.60	28.07	11.11	37.67	20.71	79.00	66.00	-41.33	-45.29	
3	0.23602	9.60	21.31	4.06	30.91	13.66	79.00	66.00	-48.09	-52.34	
4	3.53368	9.60	13.08	3.80	22.68	13.40	73.00	60.00	-50.32	-46.60	
5	7.28728	9.64	14.03	7.82	23.67	17.46	73.00	60.00	-49.33	-42.54	
6	20.13081	10.29	14.64	9.41	24.93	19.70	73.00	60.00	-48.07	-40.30	

Test model	DH-XVR5216A-X
Test mode	VGA
Phase	NEUTRAL

Location: Conduction 1

Date: 4/3/2018

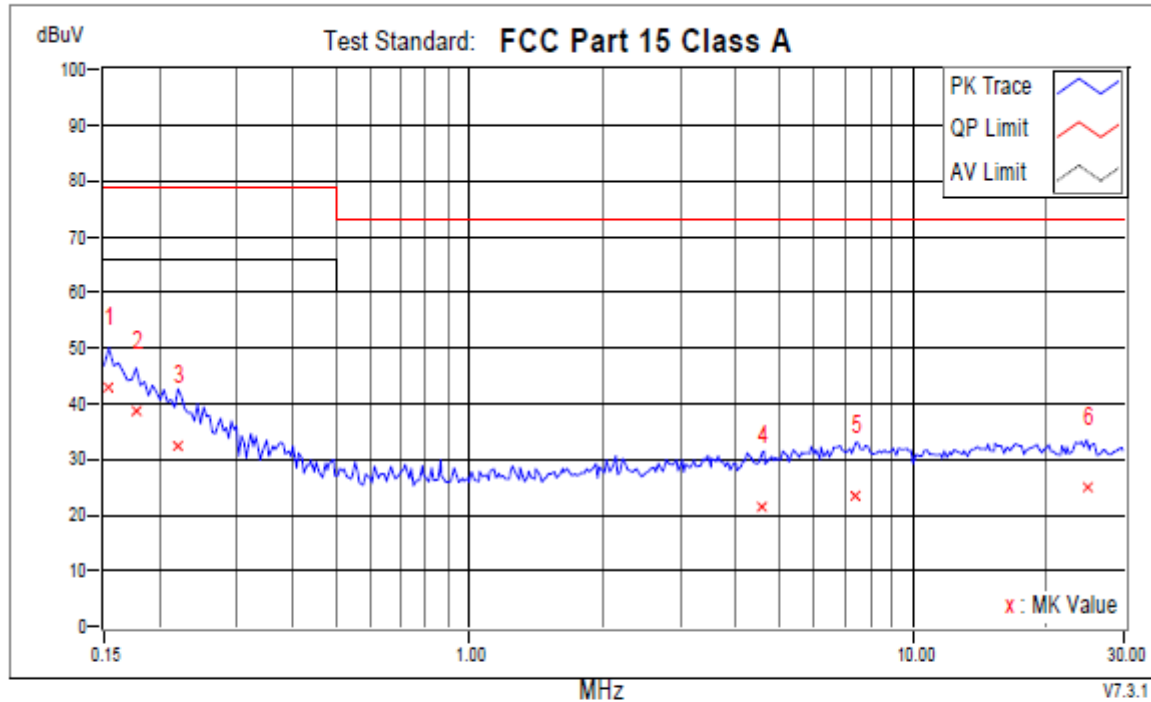
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Phase N

Temperatuer (C): 23

Humidity (%): 51

Approved by:



No.	Frequency MHz	Corr. Factor dB	Reading dBuV		Emission dBuV		Limit dBuV		Margins dB		Notes
			QP	AV	QP	AV	QP	AV	QP	AV	
+1	0.15391	9.60	33.40	13.75	43.00	23.35	79.00	66.00	-36.00	-42.65	
2	0.17737	9.60	29.17	10.76	38.77	20.36	79.00	66.00	-40.23	-45.64	
3	0.22038	9.60	22.66	4.48	32.26	14.08	79.00	66.00	-46.74	-51.92	
4	4.56983	9.62	11.88	5.10	21.50	14.72	73.00	60.00	-51.50	-45.28	
5	7.44368	9.71	13.54	7.53	23.25	17.24	73.00	60.00	-49.75	-42.76	
6	24.63904	10.01	14.96	9.68	24.97	19.69	73.00	60.00	-48.03	-40.31	

Test model	DH-XVR4216AN-X
Test mode	HDMI
Phase	LINE

Location: Conduction 1

Date: 4/4/2018

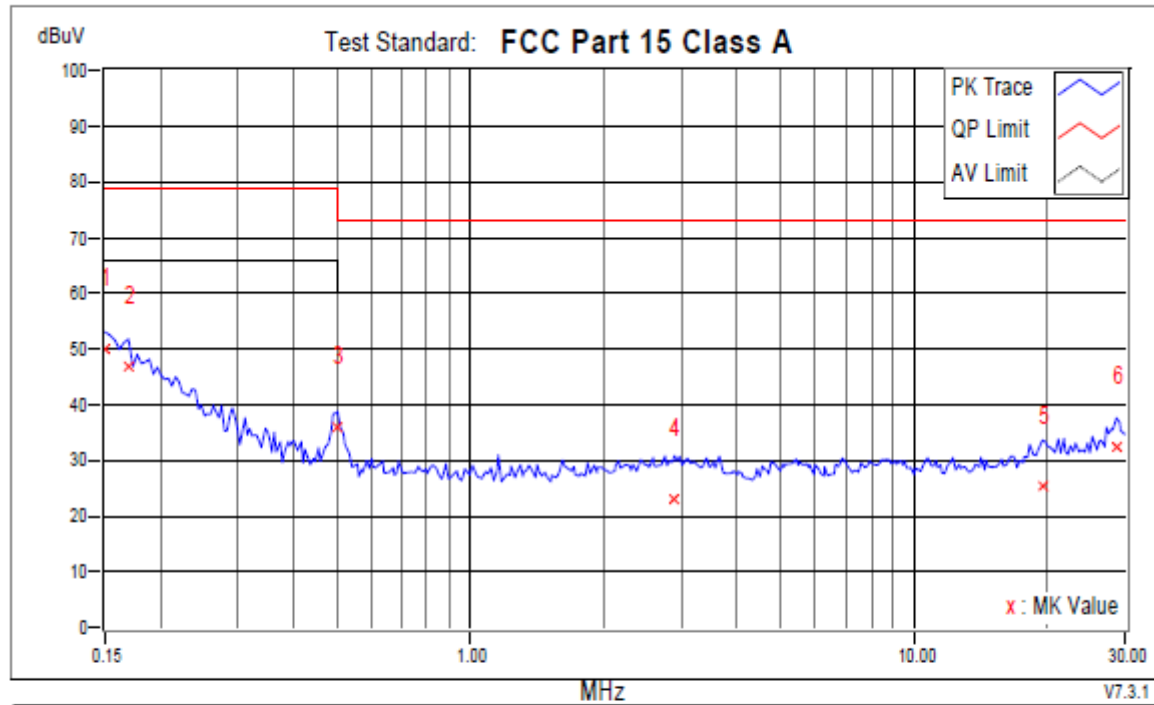
Time: 9:40:30 AM

Phase L1

Temperatuer (C): 23

Humidity (%): 51

Approved by:



	Frequency	Corr. Factor	Reading dBuV		Emission dBuV		Limit dBuV		Margins dB		Notes
No.	MHz	dB	QP	AV	QP	AV	QP	AV	QP	AV	
+1	0.15000	9.60	40.46	21.35	50.06	30.95	79.00	66.00	-28.94	-35.05	
2	0.16955	9.60	37.10	16.35	46.70	25.95	79.00	66.00	-32.30	-40.05	
3	0.50190	9.60	26.51	20.55	36.11	30.15	73.00	60.00	-36.89	-29.85	
4	2.88853	9.60	13.46	6.70	23.06	16.30	73.00	60.00	-49.94	-43.70	
5	19.49348	10.31	15.01	9.03	25.32	19.34	73.00	60.00	-47.68	-40.66	
6	28.62333	9.90	22.66	17.42	32.56	27.32	73.00	60.00	-40.44	-32.68	

Test model	DH-XVR4216AN-X
Test mode	HDMI
Phase	NEUTRAL

Location: Conduction 1

Date: 4/4/2018

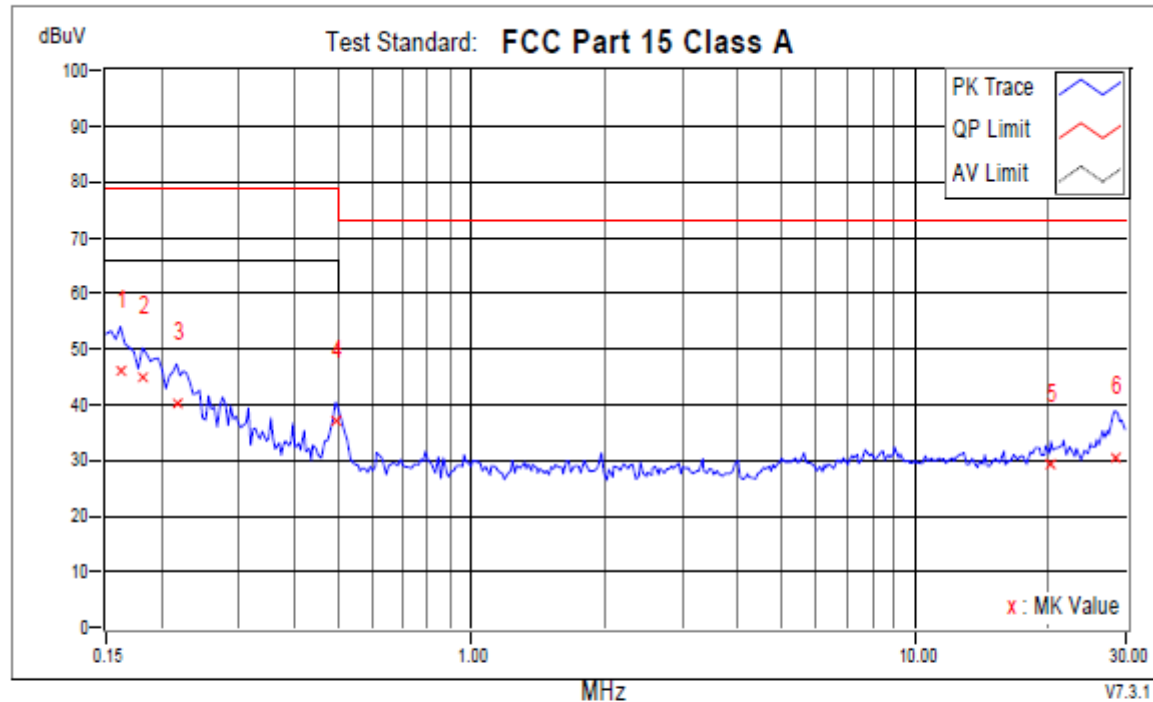
Time: 9:44:38 AM

Phase N

Temperatuer (C): 23

Humidity (%): 51

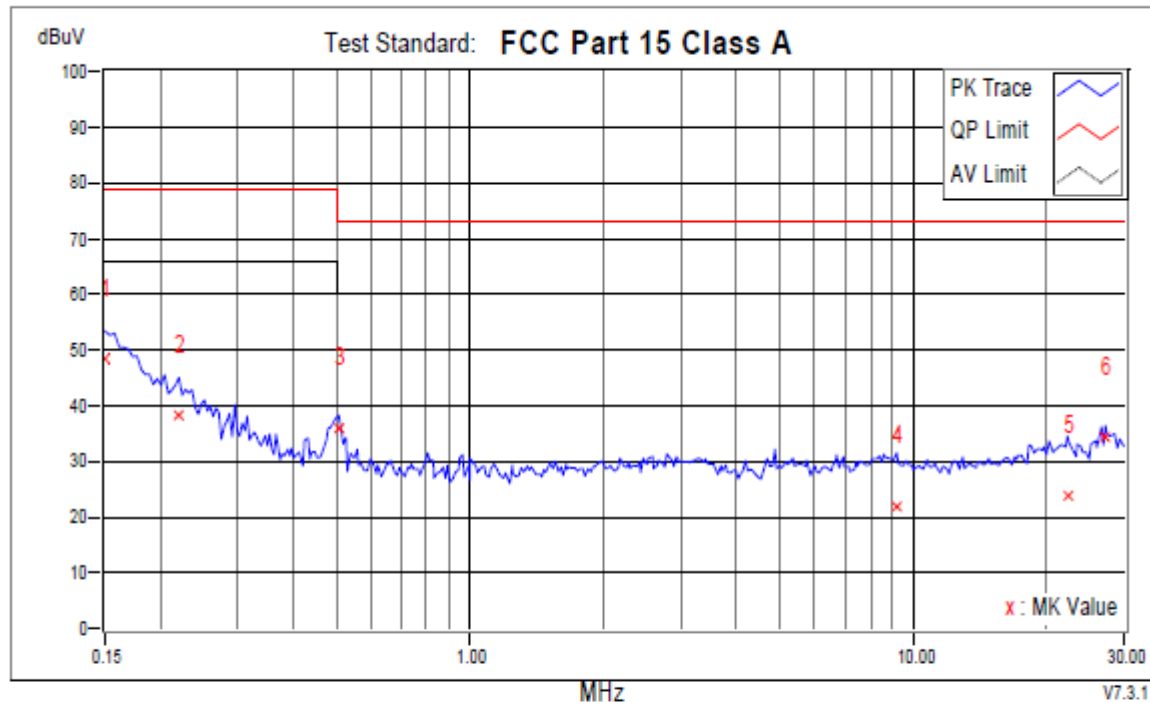
Approved by:



No.	Frequency	Corr. Factor	Reading dBuV		Emission dBuV		Limit dBuV		Margins dB		Notes
	MHz	dB	QP	AV	QP	AV	QP	AV	QP	AV	
+1	0.16173	9.60	36.39	14.19	45.99	23.79	79.00	66.00	-33.01	-42.21	
2	0.18128	9.60	35.22	16.55	44.82	26.15	79.00	66.00	-34.18	-39.85	
3	0.21647	9.60	30.56	13.07	40.16	22.67	79.00	66.00	-38.84	-43.33	
4	0.49408	9.60	27.47	19.84	37.07	29.44	79.00	66.00	-41.93	-36.56	
5	20.25984	10.09	19.26	15.34	29.35	25.43	73.00	60.00	-43.65	-34.57	
6	28.22842	10.06	20.41	11.97	30.47	22.03	73.00	60.00	-42.53	-37.97	

Test model	DH-XVR4216AN-X
Test mode	VGA
Phase	LINE

Location: Conduction 1 Date: 4/4/2018 Time: 10:06:56 AM Phase L1
 Temperature (C): 23 Humidity (%): 51 Approved by:



	Frequency	Corr. Factor	Reading dBuV		Emission dBuV		Limit dBuV		Margins dB		Notes
No.	MHz	dB	QP	AV	QP	AV	QP	AV	QP	AV	
1	0.15000	9.60	39.03	19.99	48.63	29.59	79.00	66.00	-30.37	-36.41	
2	0.22038	9.60	28.81	10.29	38.41	19.89	79.00	66.00	-40.59	-46.11	
3	0.50581	9.60	26.29	19.97	35.89	29.57	73.00	60.00	-37.11	-30.43	
4	9.18754	9.26	12.56	6.56	21.82	15.82	73.00	60.00	-51.18	-44.18	
5	22.28913	10.12	13.81	7.28	23.93	17.40	73.00	60.00	-49.07	-42.60	
+6	27.15708	9.90	24.58	21.95	34.48	31.85	73.00	60.00	-38.52	-28.15	

Test model	DH-XVR4216AN-X
Test mode	VGA
Phase	NEUTRAL

Location: Conduction 1

Date: 4/4/2018

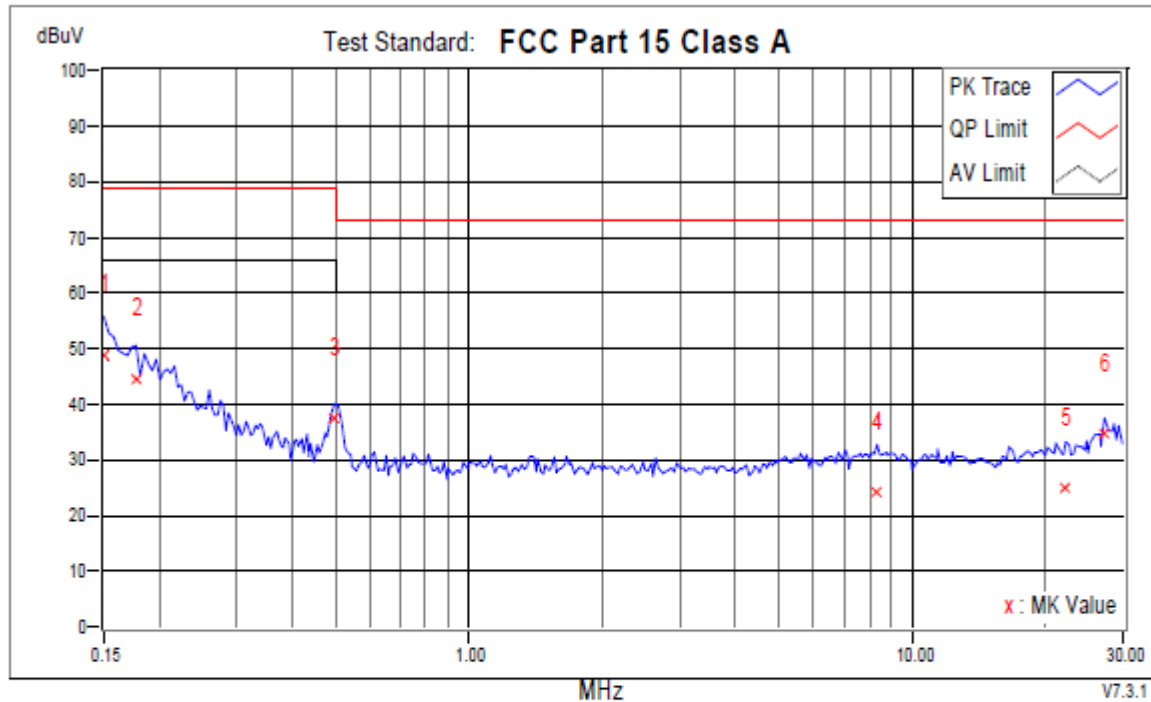
Time: 10:03:20 AM

Phase N

Temperatuer (C): 23

Humidity (%): 51

Approved by:



	Frequency	Corr. Factor	Reading dBuV		Emission dBuV		Limit dBuV		Margins dB		Notes
No.	MHz	dB	QP	AV	QP	AV	QP	AV	QP	AV	
1	0.15000	9.60	39.17	20.35	48.77	29.95	79.00	66.00	-30.23	-36.05	
2	0.17737	9.60	34.77	16.81	44.37	26.41	79.00	66.00	-34.63	-39.59	
3	0.49799	9.60	27.89	21.26	37.49	30.86	79.00	66.00	-41.51	-35.14	
4	8.34298	9.74	14.55	8.56	24.29	18.30	73.00	60.00	-48.71	-41.70	
5	22.19138	10.06	15.06	7.28	25.12	17.34	73.00	60.00	-47.88	-42.66	
+6	27.16099	10.04	24.84	22.11	34.88	32.15	73.00	60.00	-38.12	-27.85	

Test model	DH-XVR4232AN-X
Test mode	HDMI
Phase	LINE

Location: Conduction 1

Date: 4/4/2018

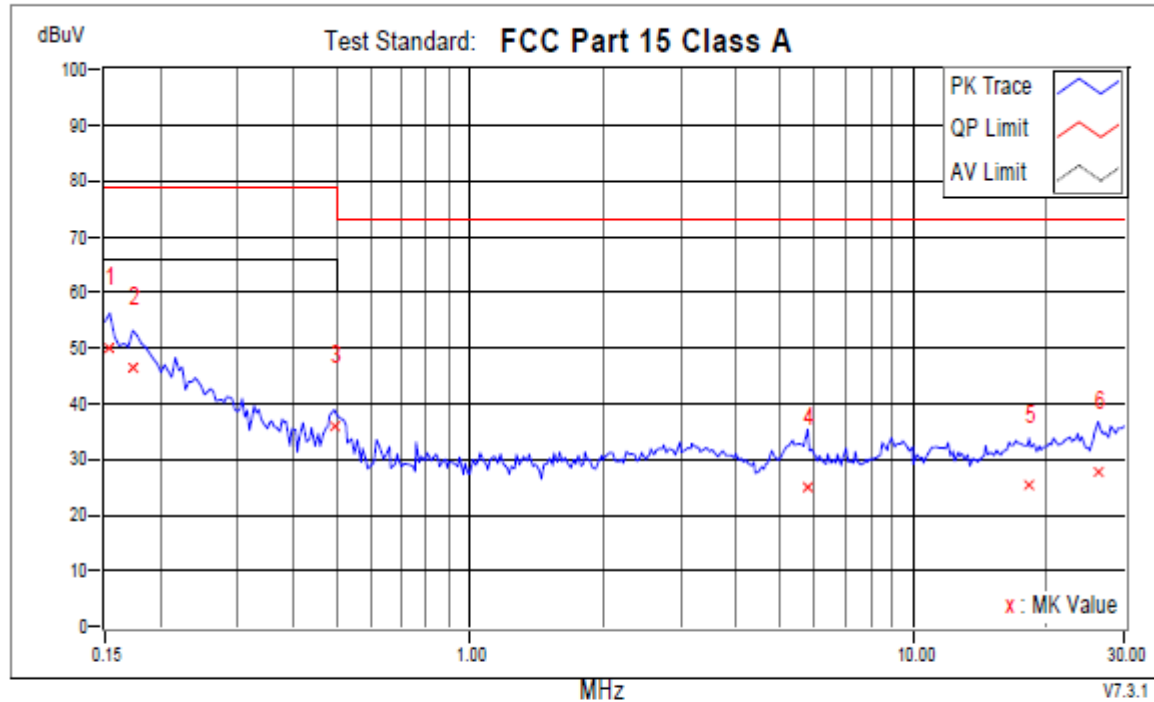
Time: 10:59:25 AM

Phase L1

Temperatuer (C): 23

Humidity (%): 51

Approved by:



No.	Frequency	Corr. Factor	Reading dBuV		Emission dBuV		Limit dBuV		Margins dB		Notes
	MHz	dB	QP	AV	QP	AV	QP	AV	QP	AV	
+1	0.15391	9.60	40.57	21.18	50.17	30.78	79.00	66.00	-28.83	-35.22	
2	0.17346	9.60	36.70	17.37	46.30	26.97	79.00	66.00	-32.70	-39.03	
3	0.49408	9.60	26.32	20.69	35.92	30.29	79.00	66.00	-43.08	-35.71	
4	5.77802	9.66	15.17	9.83	24.83	19.49	73.00	60.00	-48.17	-40.51	
5	18.26965	10.33	15.02	9.57	25.35	19.90	73.00	60.00	-47.65	-40.10	
6	26.15221	9.90	17.77	12.31	27.67	22.21	73.00	60.00	-45.33	-37.79	

Test model	DH-XVR4232AN-X
Test mode	HDMI
Phase	NEUTRAL

Location: Conduction 1

Date: 4/4/2018

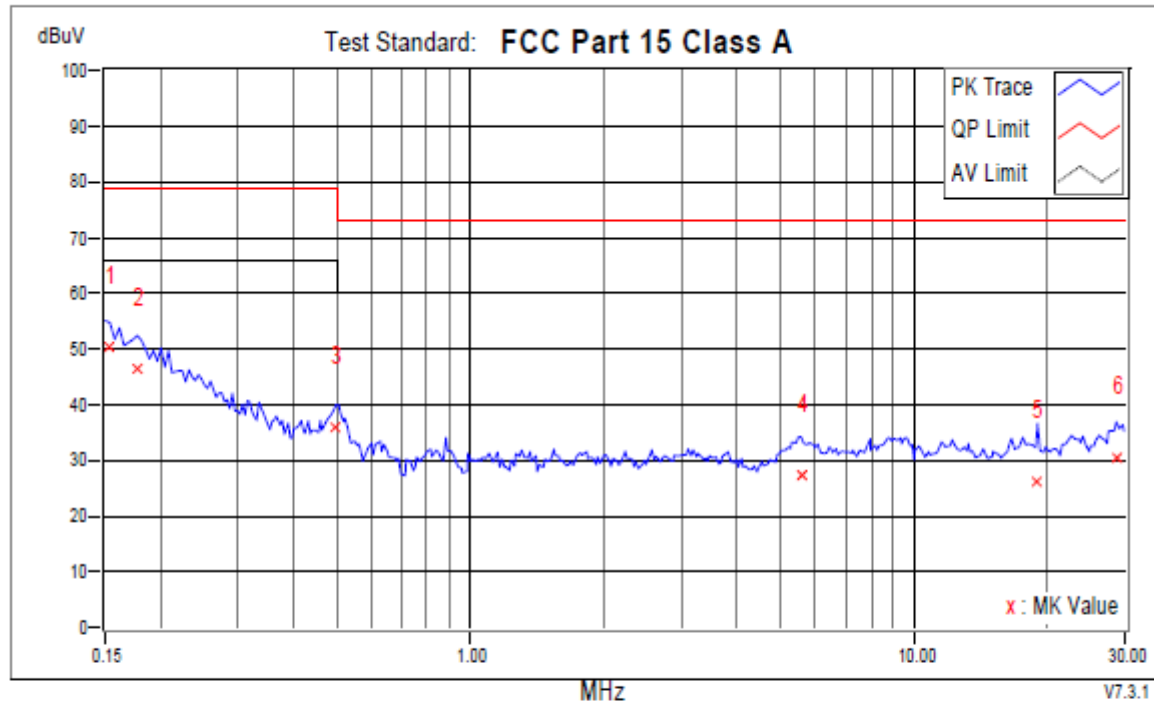
Time: 11:03:55 AM

Phase N

Temperatuer (C): 23

Humidity (%): 51

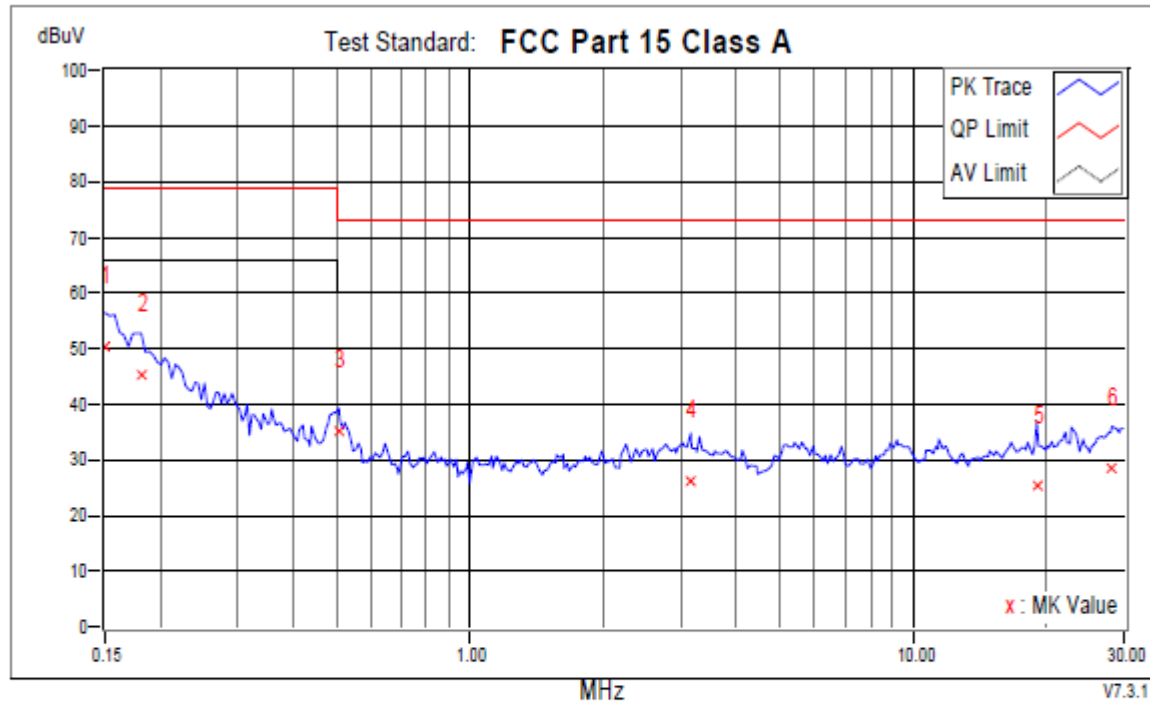
Approved by:



No.	Frequency	Corr. Factor	Reading dBuV		Emission dBuV		Limit dBuV		Margins dB		Notes
	MHz	dB	QP	AV	QP	AV	QP	AV	QP	AV	
+1	0.15391	9.60	40.65	22.18	50.25	31.78	79.00	66.00	-28.75	-34.22	
2	0.17737	9.60	36.94	20.06	46.54	29.66	79.00	66.00	-32.46	-36.34	
3	0.49799	9.60	26.46	20.43	36.06	30.03	79.00	66.00	-42.94	-35.97	
4	5.56688	9.65	17.72	12.48	27.37	22.13	73.00	60.00	-45.63	-37.87	
5	18.98909	10.18	15.85	9.57	26.03	19.75	73.00	60.00	-46.97	-40.25	
6	28.59987	10.07	20.41	14.61	30.48	24.68	73.00	60.00	-42.52	-35.32	

Test model	DH-XVR4232AN-X
Test mode	VGA
Phase	LINE

Location: Conduction 1 Date: 4/4/2018 Time: 10:54:59 AM Phase L1
 Temperature (C): 23 Humidity (%): 51 Approved by:



	Frequency	Corr. Factor	Reading dBuV		Emission dBuV		Limit dBuV		Margins dB		Notes
No.	MHz	dB	QP	AV	QP	AV	QP	AV	QP	AV	
+1	0.15000	9.60	40.89	23.24	50.49	32.84	79.00	66.00	-28.51	-33.16	
2	0.18128	9.60	35.80	17.45	45.40	27.05	79.00	66.00	-33.60	-38.95	
3	0.50581	9.60	25.44	16.84	35.04	26.44	73.00	60.00	-37.96	-33.56	
4	3.15050	9.60	16.64	10.06	26.24	19.66	73.00	60.00	-46.76	-40.34	
5	19.01255	10.32	15.24	8.37	25.56	18.69	73.00	60.00	-47.44	-41.31	
6	28.11503	9.90	18.76	13.19	28.66	23.09	73.00	60.00	-44.34	-36.91	

Test model	DH-XVR4232AN-X
Test mode	VGA
Phase	NEUTRAL

Location: Conduction 1

Date: 4/4/2018

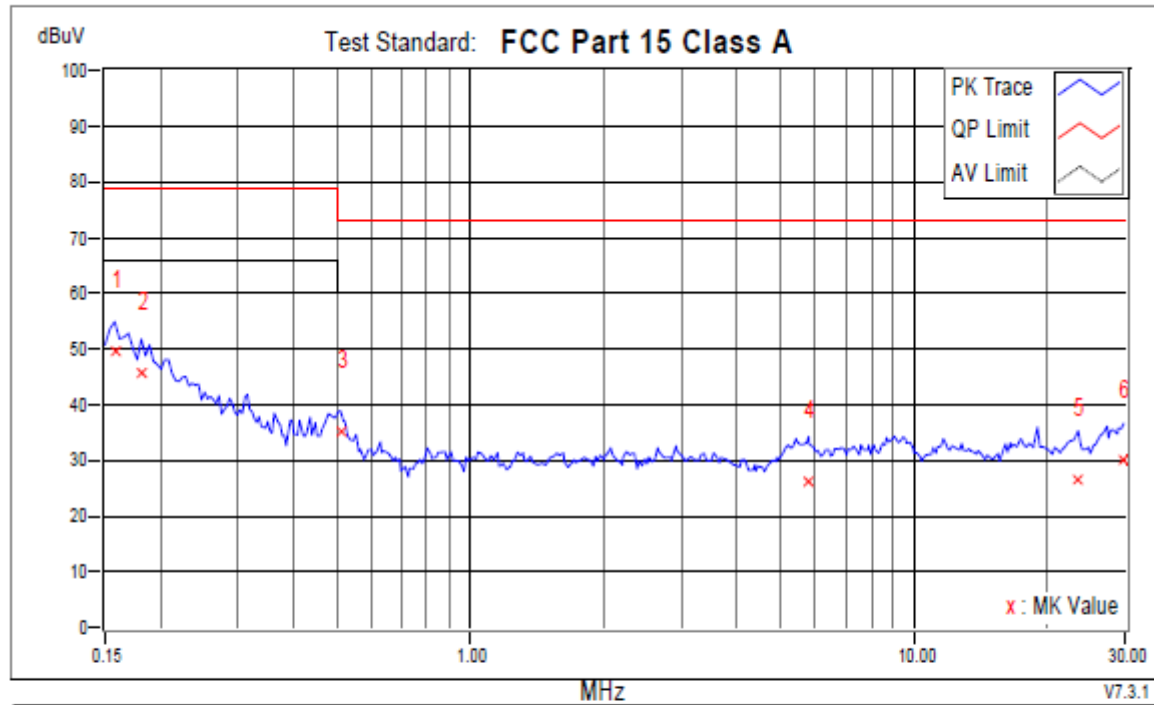
Time: 10:51:42 AM

Phase N

Temperatuer (C): 23

Humidity (%): 51

Approved by:



No.	Frequency	Corr. Factor	Reading dBuV		Emission dBuV		Limit dBuV		Margins dB		Notes
	MHz	dB	QP	AV	QP	AV	QP	AV	QP	AV	
+1	0.15782	9.60	39.86	19.53	49.46	29.13	79.00	66.00	-29.54	-36.87	
2	0.18128	9.60	35.99	18.72	45.59	28.32	79.00	66.00	-33.41	-37.68	
3	0.50972	9.60	25.75	16.14	35.35	25.74	73.00	60.00	-37.65	-34.26	
4	5.78975	9.66	16.32	10.85	25.98	20.51	73.00	60.00	-47.02	-39.49	
5	23.45431	10.03	16.38	11.01	26.41	21.04	73.00	60.00	-46.59	-38.96	
6	29.72204	10.09	19.81	14.29	29.90	24.38	73.00	60.00	-43.10	-35.62	

4.6. Test Photographs

DH-XVR7208A-4KL-X



DH-XVR5216A-X



DH-XVR4216AN-X



DH-XVR4232AN-X





5. Test of Radiated Emission

5.1. Test Limit

TEST STANDARD:

CFR 47 FCC Part 15, Subpart B (Section: 15.109)

FOR FREQUENCY BELOW 1000 MHz

FREQUENCY (MHz)	Class A (at 10m)		Class B (at 3m)	
	$\mu\text{V/m}$	$\text{dB}\mu\text{V/m}$	$\mu\text{V/m}$	$\text{dB}\mu\text{V/m}$
30 – 88	90	39.1	100	40.0
88 – 216	150	43.5	150	43.5
216 – 960	210	46.4	200	46.0
960 – 1000	300	49.5	500	54.0

LIMIT OF RADIATED EMISSION OF FCC PART 15, SUBPART B FOR FREQUENCY ABOVE 1000 MHz

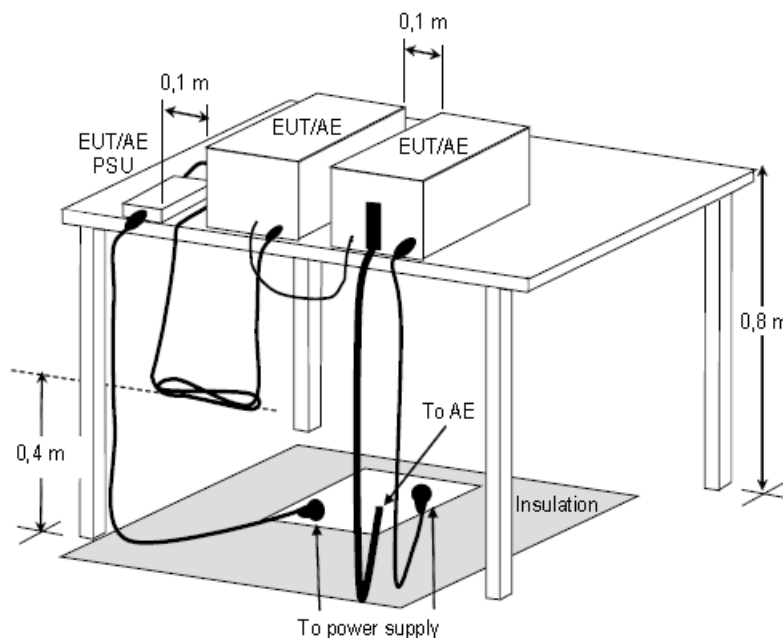
FREQUENCY (MHz)	Class A ($\text{dB}\mu\text{V/m}$) (at 3m)		Class B ($\text{dB}\mu\text{V/m}$) (at 3m)	
	PEAK	AVERAGE	PEAK	AVERAGE
Above 1000	80.0	60.0	74.0	54.0

- Note:** (1) The lower limit shall apply at the transition frequencies.
 (2) Emission level ($\text{dB}\mu\text{V/m}$) = $20 \log$ Emission level ($\mu\text{V/m}$).
 (3) All emanation from a class A/B digital device or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified above.

5.2. Test Procedures

- The EUT was placed on a rotatable table top 0.8 meter above ground.
- The EUT was set 3/10 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
- The table was rotated 360 degrees to determine the position of the highest radiation.
- The antenna is a half wave dipole and its height is varied between one meter and four meters above ground to find the maximum value of the field strength both horizontal polarization and vertical polarization of the antenna are set to make the measurement.
- For each suspected emission the EUT was arranged to its worst case and then tune the antenna tower (from 1 M to 4 M) and turn table (from 0 degree to 360 degrees) to find the maximum reading.
- Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode.
- If the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions which do not have 3 dB margin will be repeated one by one using the quasi-peak method and reported.

5.3. Typical Test Setup



**Figure D.8 – Example measurement arrangement for table-top EUT
(Radiated emission measurement)**



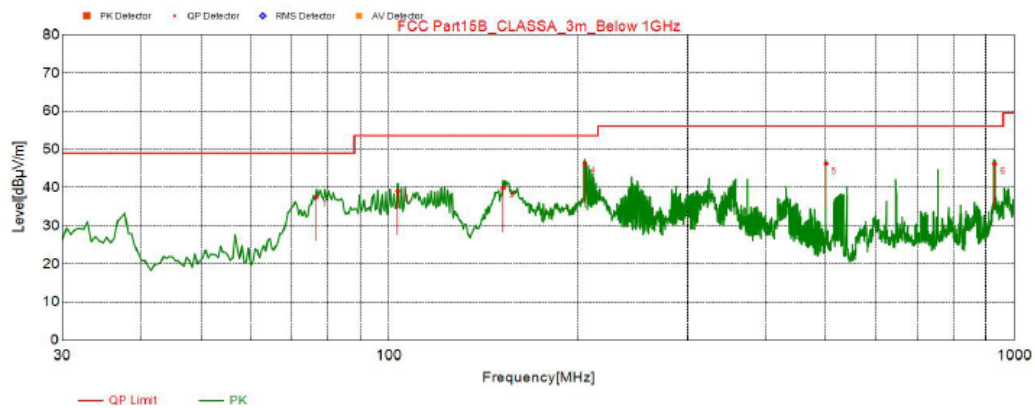
5.4. Measurement Equipment

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED UNTIL
EMI Test Spectrum ROHDE & SCHWARZ	ESR7	E1R1005	Nov.28, 2018
Broad-Band Antenna Schwarzbeck	VULB9168	E1A1001	Feb.27, 2019
Double Riaged Vroadband Horn Antenna Schwarzbeck	BBHA9120D	E1A1017	Aug.26, 2019
Preamplifier Agilent	8447D	E1A2001	Oct.20, 2018
Preamplifier Agilent	8449B	E1A2002	Mar.26, 2019

5.5. Test Result and Data (30MHz ~ 1GHz)

Test model	DH-XVR7208A-4KL-X
Test mode	HDMI
Position	Horizontal

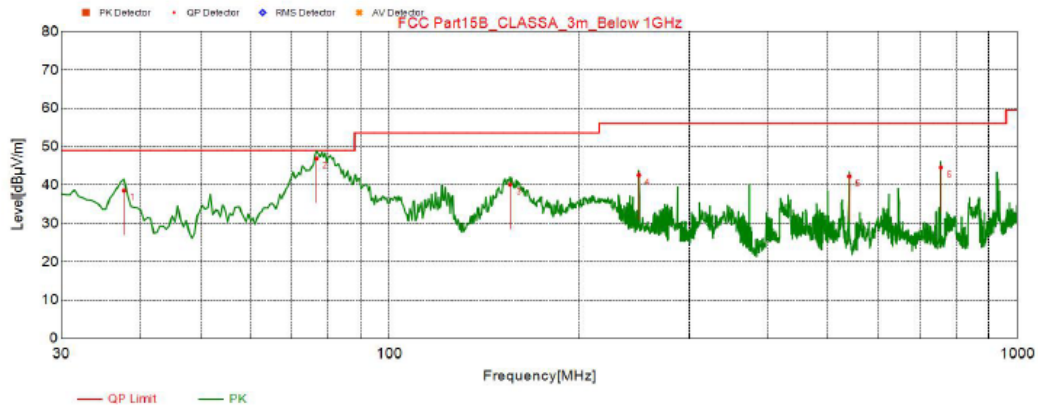
Test Graph



Final Data List									
NO.	Freq. [MHz]	QP Reading[dB μV/m]	Factor[dB]	QP Value[d BμV]	QP Limit[d BμV/m]	QP Margin[dB]	Height [cm]	Angle [°]	Polarity
1	76.560	55.78	-18.26	37.52	49.00	11.48	200	3	Horizontal
2	103.235	57.24	-18.2	39.04	53.50	14.46	200	34	Horizontal
3	152.220	55.01	-15.13	39.88	53.50	13.62	200	314	Horizontal
4	205.570	63.44	-17.18	46.26	53.50	7.24	200	270	Horizontal
5	499.965	57.17	-10.98	46.19	56.00	9.81	200	292	Horizontal
6	930.160	50.01	-3.9	46.11	56.00	9.89	100	52	Horizontal

Test model	DH-XVR7208A-4KL-X
Test mode	HDMI
Position	Vertical

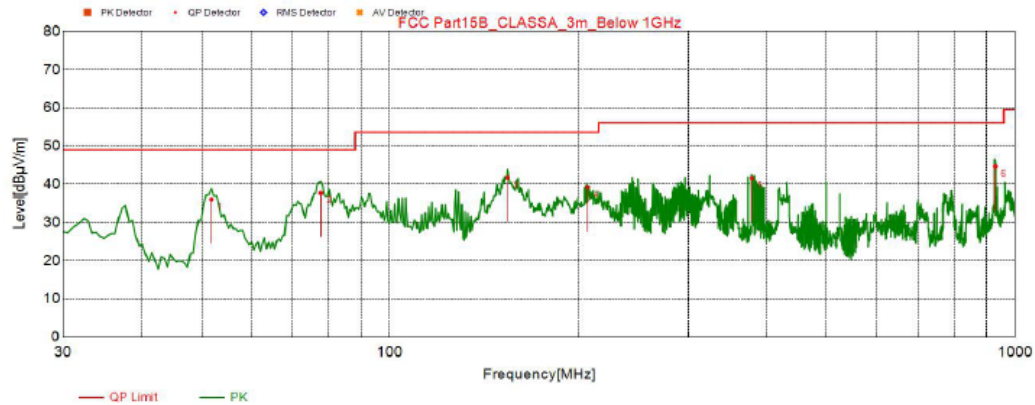
Test Graph



Final Data List									
NO.	Freq. [MHz]	QP Reading [dB μV/m]	Factor [dB]	QP Value [dB μV]	QP Limit [dB μV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	37.760	54.60	-16.05	38.55	49	10.45	100	254	Vertical
2	76.560	65.13	-18.26	46.87	49	2.13	100	329	Vertical
3	155.615	55.17	-15.04	40.13	53.5	13.37	100	269	Vertical
4	249.705	58.31	-15.69	42.62	56	13.38	100	291	Vertical
5	540.220	52.82	-10.52	42.30	56	13.70	100	260	Vertical
6	756.045	51.60	-7.11	44.49	56	11.51	100	57	Vertical

Test model	DH-XVR7208A-4KL-X
Test mode	VGA
Position	Horizontal

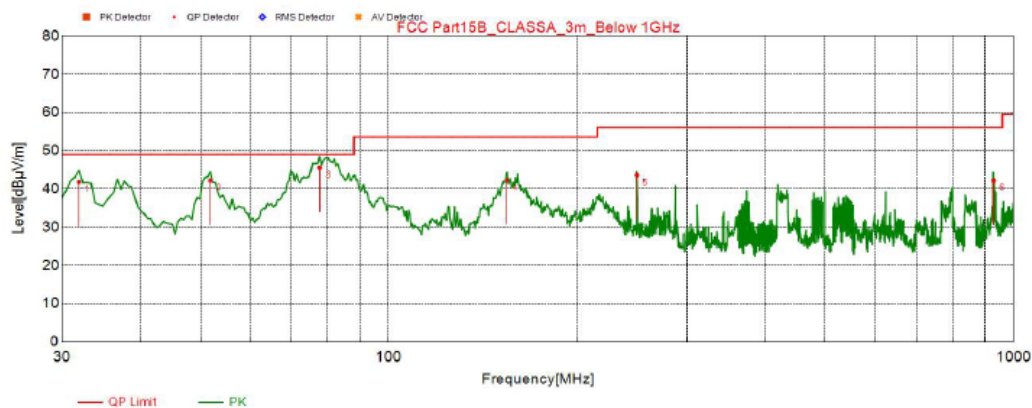
Test Graph



Final Data List									
NO.	Freq. [MHz]	QP Reading [dB μV/m]	Factor [dB]	QP Value [dBμV]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	51.825	51.51	-15.58	35.93	49	13.07	200	64	Horizontal
2	77.530	56.17	-18.47	37.70	49	11.30	200	55	Horizontal
3	154.160	56.86	-15.08	41.78	53.5	11.72	200	342	Horizontal
4	207.025	56.32	-17.14	39.18	53.5	14.32	200	265	Horizontal
5	379.200	54.28	-12.68	41.60	56	14.40	100	333	Horizontal
6	930.645	48.49	-3.9	44.59	56	11.41	100	52	Horizontal

Test model	DH-XVR7208A-4KL-X
Test mode	VGA
Position	Vertical

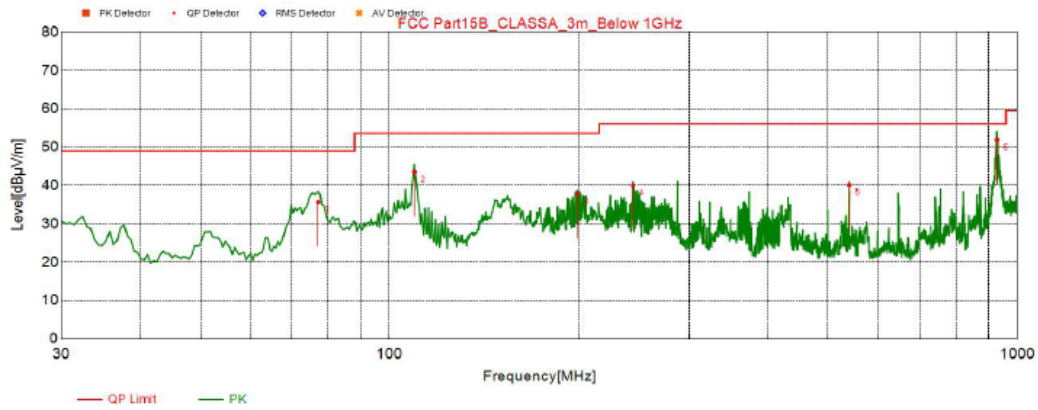
Test Graph



Final Data List									
NO.	Freq. [MHz]	QP Reading[dB μV/m]	Factor[dB]	QP Value[d BμV]	QP Limit[d BμV/m]	QP Margin[dB]	Height [cm]	Angle [°]	Polarity
1	31.940	57.90	-16.04	41.86	49	7.14	100	101	Vertical
2	51.825	57.80	-15.58	42.22	49	6.78	100	11	Vertical
3	77.530	63.93	-18.47	45.46	49	3.54	100	360	Vertical
4	154.645	57.37	-15.07	42.30	53.5	11.20	100	283	Vertical
5	249.705	59.23	-15.69	43.54	56	12.46	100	291	Vertical
6	929.675	46.13	-3.89	42.24	56	13.76	100	42	Vertical

Test model	DH-XVR5216A-X
Test mode	HDMI
Position	Horizontal

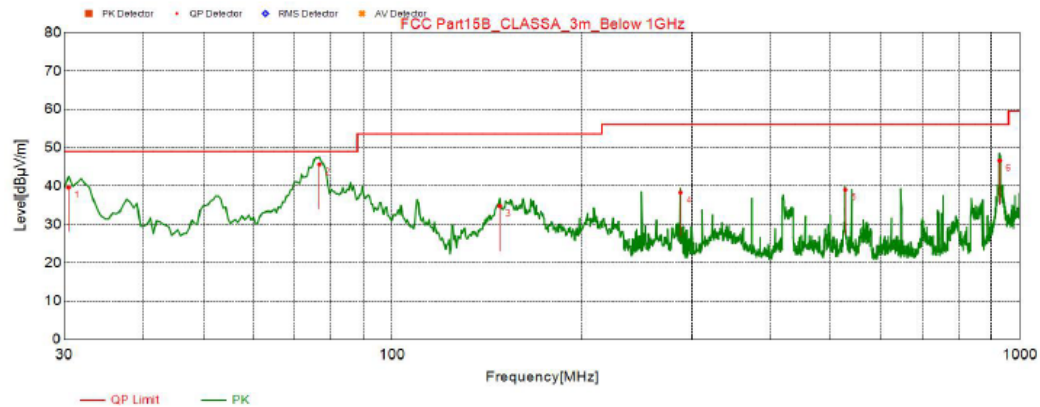
Test Graph



Final Data List									
NO.	Freq. [MHz]	QP Reading[dB μV/m]	Factor[dB]	QP Value[d BμV]	QP Limit[d BμV/m]	QP Margin[dB]	Height [cm]	Angle [°]	Polarity
1	77.045	53.96	-18.37	35.59	49	13.41	200	23	Horizontal
2	109.540	61.19	-17.71	43.48	53.5	10.02	200	6	Horizontal
3	199.265	55.01	-17.31	37.70	53.5	15.80	100	294	Horizontal
4	244.370	55.92	-15.93	39.99	56	16.01	100	228	Horizontal
5	540.220	50.62	-10.52	40.10	56	15.90	100	76	Horizontal
6	928.705	55.86	-3.88	51.98	56	4.02	100	115	Horizontal

Test model	DH-XVR5216A-X
Test mode	HDMI
Position	Vertical

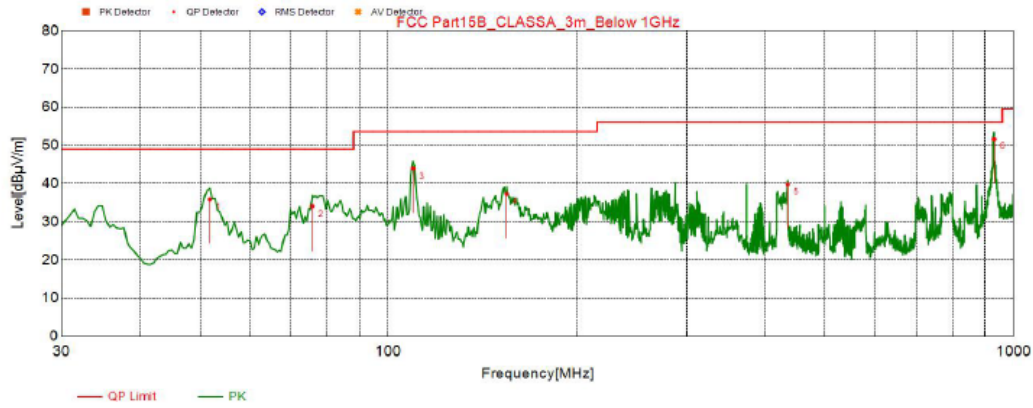
Test Graph



Final Data List									
NO.	Freq. [MHz]	QP Reading [dB µV/m]	Factor [dB]	QP Value [dBµV]	QP Limit [dBµV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	30.485	55.68	-16.04	39.64	49	9.36	100	75	Vertical
2	76.560	63.81	-18.26	45.55	49	3.45	100	241	Vertical
3	148.340	49.91	-15.25	34.66	53.5	18.84	100	300	Vertical
4	288.020	52.76	-14.49	38.27	56	17.73	100	75	Vertical
5	527.125	49.45	-10.44	39.01	56	16.99	100	226	Vertical
6	929.190	50.46	-3.89	46.57	56	9.43	100	337	Vertical

Test model	DH-XVR5216A-X
Test mode	VGA
Position	Horizontal

Test Graph



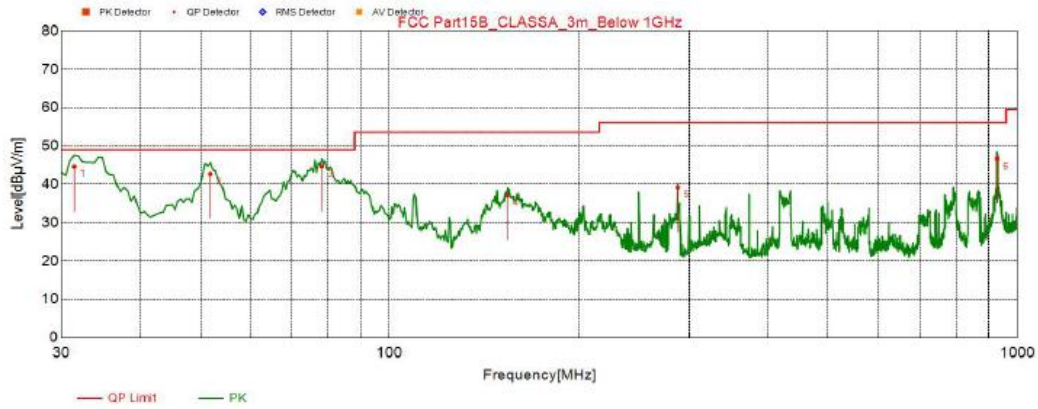
Final Data List									
NO.	Freq. [MHz]	QP Reading[dB μV/m]	Factor[dB]	QP Value[d BμV]	QP Limit[d BμV/m]	QP Margin[dB]	Height [cm]	Angle [°]	Polarity
1	51.825	51.34	-15.58	35.76	49	13.24	200	39	Horizontal
2	75.590	52.01	-18.05	33.96	49	15.04	200	347	Horizontal
3	109.540	61.57	-17.71	43.86	53.5	9.64	200	359	Horizontal
4	154.645	52.32	-15.07	37.25	53.5	16.25	200	316	Horizontal
5	435.460	51.62	-11.84	39.78	56	16.22	200	39	Horizontal
6	931.615	55.57	-3.91	51.66	56	4.34	100	105	Horizontal



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VERITAS

Test model	DH-XVR5216A-X
Test mode	VGA
Position	Vertical

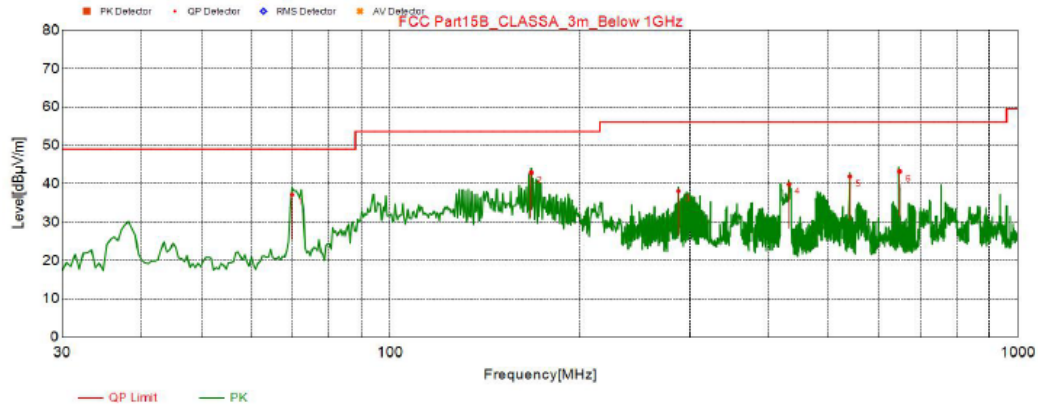
Test Graph



Final Data List									
NO.	Freq. [MHz]	QP Reading[dB μ V/m]	Factor[dB]	QP Value[d BuV]	QP Limit[d BuV/m]	QP Margin[dB]	Height [cm]	Angle [°]	Polarity
1	31.455	60.56	-16.04	44.52	49	4.48	100	130	Vertical
2	51.825	58.28	-15.58	42.70	49	6.30	200	12	Vertical
3	78.015	63.15	-18.57	44.58	49	4.42	100	345	Vertical
4	154.160	52.12	-15.08	37.04	53.5	16.46	100	189	Vertical
5	288.020	53.61	-14.49	39.12	56	16.88	100	313	Vertical
6	928.705	50.49	-3.88	46.61	56	9.39	100	156	Vertical

Test model	DH-XVR4216AN-X
Test mode	HDMI
Position	Horizontal

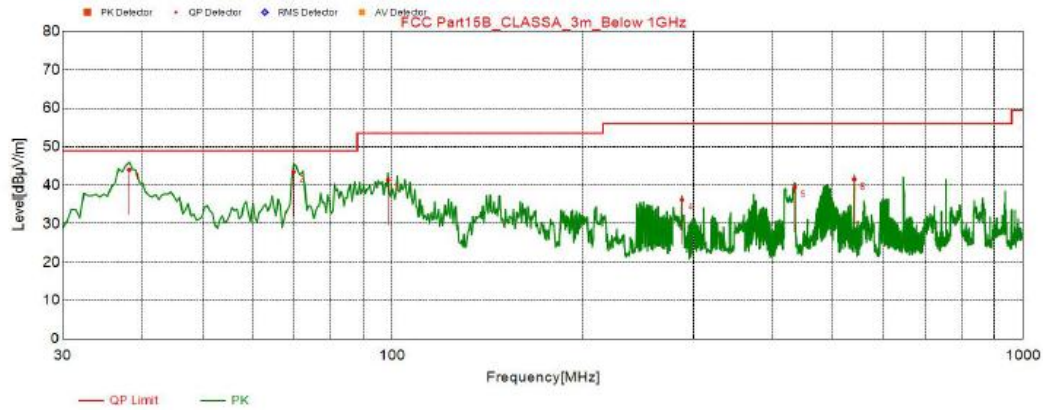
Test Graph



Final Data List									
NO.	Freq. [MHz]	QP Reading [dB μV/m]	Factor [dB]	QP Value [dBμV]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	69.770	53.90	-16.82	37.08	49	11.92	100	53	Horizontal
2	167.740	57.62	-14.76	42.86	53.5	10.64	200	66	Horizontal
3	288.020	52.55	-14.49	38.06	56	17.94	100	283	Horizontal
4	432.065	51.69	-11.82	39.87	56	16.13	100	246	Horizontal
5	540.220	52.44	-10.52	41.92	56	14.08	100	30	Horizontal
6	647.890	52.03	-8.85	43.18	56	12.82	100	55	Horizontal

Test model	DH-XVR4216AN-X
Test mode	HDMI
Position	Vertical

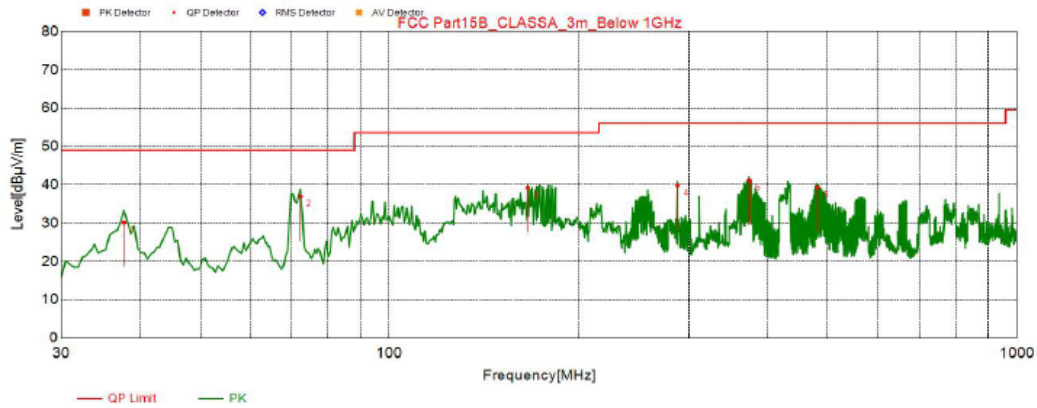
Test Graph



Final Data List									
NO.	Freq. [MHz]	QP Reading[dB μV/m]	Factor[dB]	QP Value[d BμV]	QP Limit[d BμV/m]	QP Margin[dB]	Height [cm]	Angle [°]	Polarity
1	38.245	60.01	-16.04	43.97	49.00	5.03	100	206	Vertical
2	69.770	60.25	-16.82	43.43	49.00	5.57	100	212	Vertical
3	98.385	59.95	-18.63	41.32	53.50	12.18	100	220	Vertical
4	288.020	50.71	-14.49	36.22	56.00	19.78	100	339	Vertical
5	434.490	51.34	-11.83	39.51	56.00	16.49	200	40	Vertical
6	540.220	51.99	-10.52	41.47	56.00	14.53	200	40	Vertical

Test model	DH-XVR4216AN-X
Test mode	VGA
Position	Horizontal

Test Graph



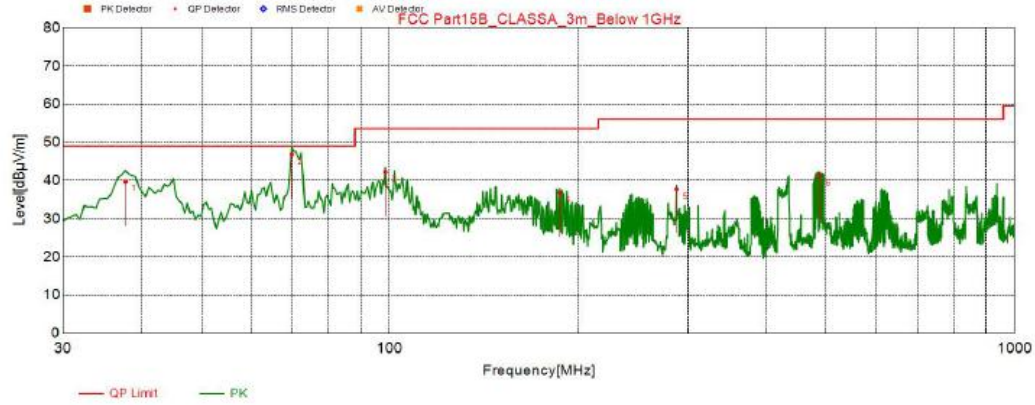
Final Data List									
NO.	Freq. [MHz]	QP Reading[dB μV/m]	Factor[dB]	QP Value[d BμV]	QP Limit[d BμV/m]	QP Margin[dB]	Height [cm]	Angle [°]	Polarity
1	37.760	46.21	-16.05	30.16	49	18.84	200	243	Horizontal
2	72.195	54.19	-17.31	36.88	49	12.12	200	51	Horizontal
3	166.285	53.97	-14.79	39.18	53.5	14.32	200	288	Horizontal
4	288.020	54.31	-14.49	39.82	56	16.18	100	285	Horizontal
5	374.835	53.90	-12.77	41.13	56	14.87	100	14	Horizontal
6	481.535	50.38	-11.08	39.30	56	16.70	200	153	Horizontal



BUREAU
VERITAS

Test model	DH-XVR4216AN-X
Test mode	VGA
Position	Vertical

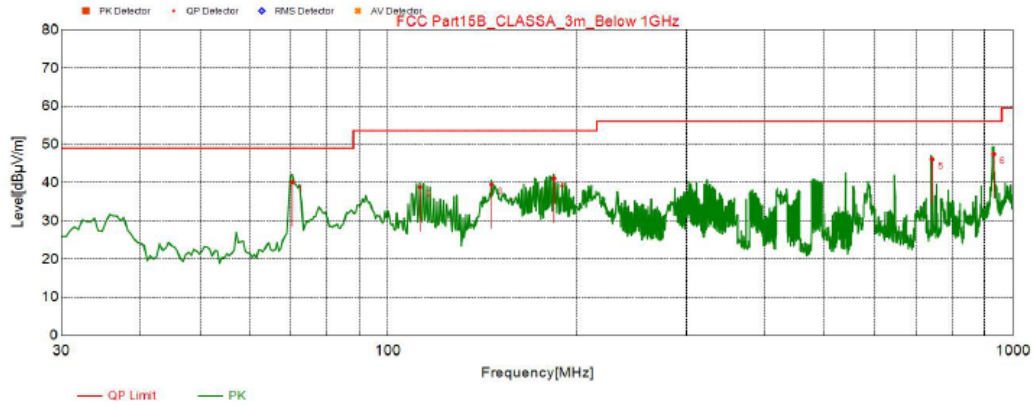
Test Graph



Final Data List									
NO.	Freq. [MHz]	QP Reading [dB μV/m]	Factor [dB]	QP Value [dB μV]	QP Limit [dB μV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	37.760	55.72	-16.05	39.67	49	9.33	200	34	Vertical
2	69.770	63.58	-16.82	46.76	49	2.24	100	249	Vertical
3	98.385	60.91	-18.63	42.28	53.5	11.22	100	218	Vertical
4	187.140	53.11	-16.33	36.78	53.5	16.72	100	201	Vertical
5	288.020	52.17	-14.49	37.68	56	18.32	100	47	Vertical
6	487.355	52.36	-11.04	41.32	56	14.68	100	283	Vertical

Test model	DH-XVR4232AN-X
Test mode	HDMI
Position	Horizontal

Test Graph

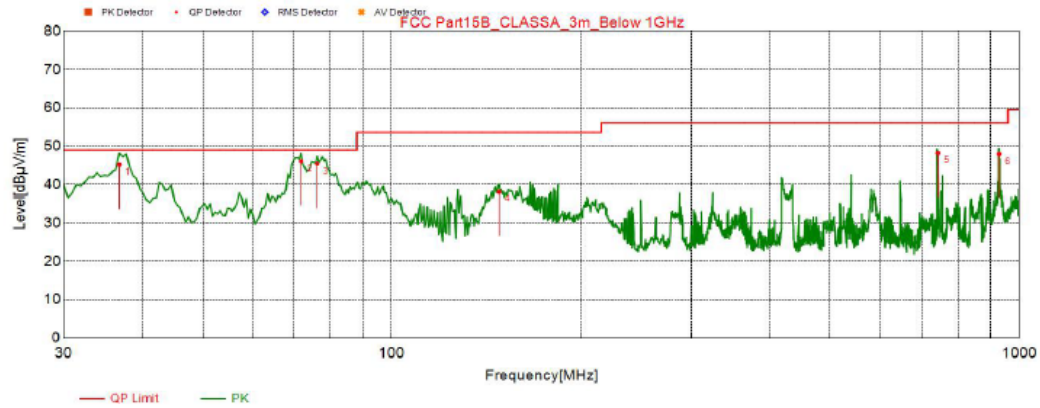


Final Data List

NO.	Freq. [MHz]	QP Reading [dB μ V/m]	Factor [dB]	QP Value [dB μ V]	QP Limit [dB μ V/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	70.255	57.01	-16.89	40.12	49	8.88	200	56	Horizontal
2	112.450	56.44	-17.65	38.79	53.5	14.71	200	319	Horizontal
3	146.400	54.87	-15.35	39.52	53.5	13.98	200	336	Horizontal
4	184.230	57.11	-16.01	41.10	53.5	12.40	100	3	Horizontal
5	742.465	53.35	-7.31	46.04	56	9.96	100	323	Horizontal
6	932.100	51.35	-3.91	47.44	56	8.56	100	255	Horizontal

Test model	DH-XVR4232AN-X
Test mode	HDMI
Position	Vertical

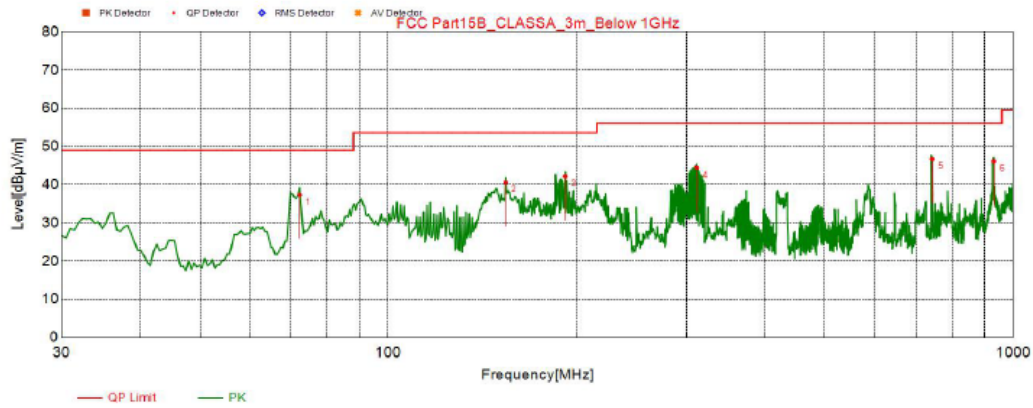
Test Graph



Final Data List									
NO.	Freq. [MHz]	QP Reading[dB μV/m]	Factor[dB]	QP Value[d BμV]	QP Limit[d BμV/m]	QP Margin[dB]	Height [cm]	Angle [°]	Polarity
1	36.790	61.18	-16.05	45.13	49	3.87	100	3	Vertical
2	71.710	63.21	-17.21	46.00	49	3.00	100	343	Vertical
3	76.075	63.54	-18.16	45.38	49	3.62	100	343	Vertical
4	148.340	53.37	-15.25	38.12	53.5	15.38	100	284	Vertical
5	742.465	55.51	-7.31	48.20	56	7.80	100	191	Vertical
6	929.190	51.84	-3.89	47.95	56	8.05	100	224	Vertical

Test model	DH-XVR4232AN-X
Test mode	VGA
Position	Horizontal

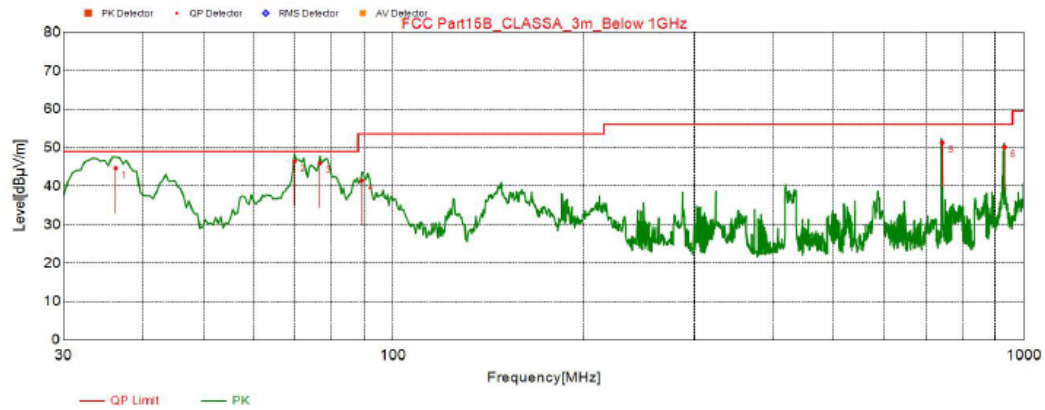
Test Graph



Final Data List									
NO.	Freq. [MHz]	QP Reading[dB μV/m]	Factor[dB]	QP Value[d BμV]	QP Limit[d BμV/m]	QP Margin[dB]	Height [cm]	Angle [°]	Polarity
1	72.195	54.61	-17.31	37.30	49	11.70	200	72	Horizontal
2	154.160	55.74	-15.08	40.66	53.5	12.84	200	345	Horizontal
3	191.990	59.01	-16.78	42.23	53.5	11.27	100	12	Horizontal
4	311.785	58.21	-13.87	44.34	56	11.66	100	90	Horizontal
5	742.465	53.98	-7.31	46.67	56	9.33	100	343	Horizontal
6	931.615	49.98	-3.91	46.07	56	9.93	100	255	Horizontal

Test model	DH-XVR4232AN-X
Test mode	VGA
Position	Vertical

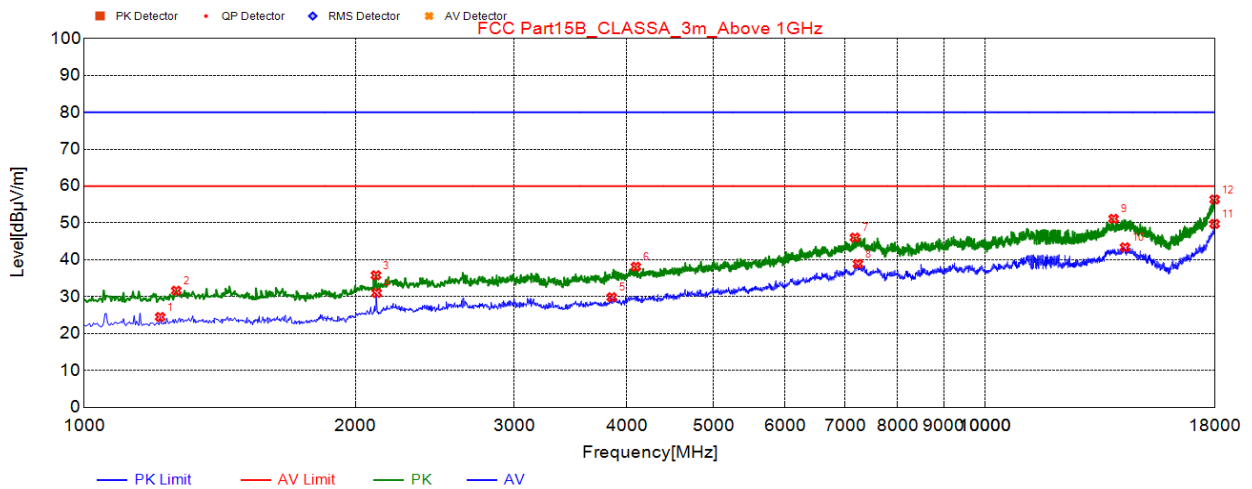
Test Graph



Final Data List									
NO.	Freq. [MHz]	QP Reading[dB μV/m]	Factor[dB]	QP Value[d BμV]	QP Limit[d BμV/m]	QP Margin[dB]	Height [cm]	Angle [°]	Polarity
1	36.305	60.62	-16.04	44.58	49	4.42	100	357	Vertical
2	69.770	63.18	-16.82	46.36	49	2.64	100	274	Vertical
3	76.560	64.14	-18.26	45.88	49	3.12	100	338	Vertical
4	89.170	60.96	-19.5	41.46	53.5	12.04	100	69	Vertical
5	742.465	58.65	-7.31	51.34	56	4.66	100	185	Vertical
6	932.100	54.06	-3.91	50.15	56	5.85	100	227	Vertical

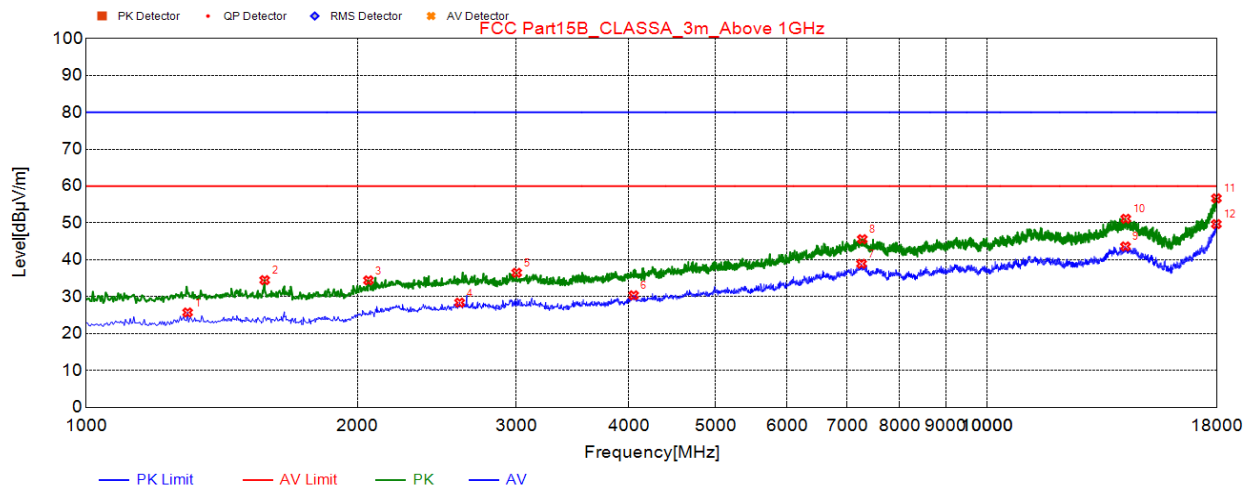
5.6. Test Result and Data (1GHz ~ 18GHz)

Test model	DH-XVR7208A-4KL-X
Test mode	HDMI
Position	Horizontal



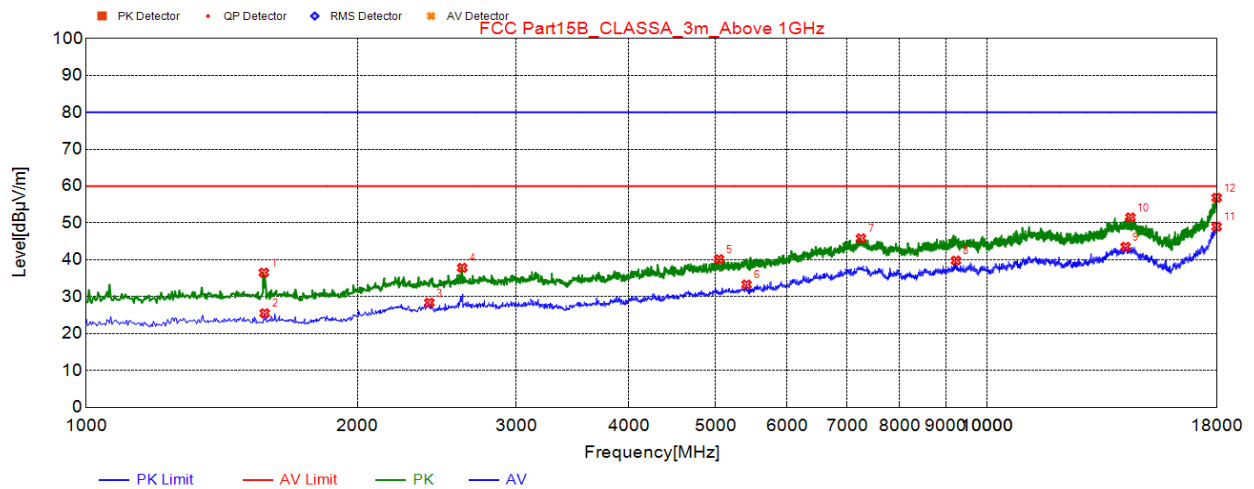
Suspected List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	1214.20	46.85	24.51	60.00	35.49	100	169	Horizontal	AV
2	1265.20	53.56	31.64	80.00	48.36	100	28	Horizontal	PK
3	2108.40	54.18	35.82	80.00	44.18	100	299	Horizontal	PK
4	2111.80	49.36	31.02	60.00	28.98	100	299	Horizontal	AV
5	3852.60	44.59	29.86	60.00	30.14	100	193	Horizontal	AV
6	4097.40	52.10	38.13	80.00	41.87	100	334	Horizontal	PK
7	7174.40	51.30	46.04	80.00	33.96	100	87	Horizontal	PK
8	7228.80	43.99	38.9	60.00	21.10	100	181	Horizontal	AV
9	13899.6	47.16	51.13	80.00	28.87	100	87	Horizontal	PK
10	14311.0	38.76	43.4	60.00	16.60	100	157	Horizontal	AV
11	17996.6	38.12	49.74	60.00	10.26	100	311	Horizontal	AV
12	18000.0	44.71	56.37	80.00	23.63	100	299	Horizontal	PK

Test model	DH-XVR7208A-4KL-X
Test mode	HDMI
Position	Vertical



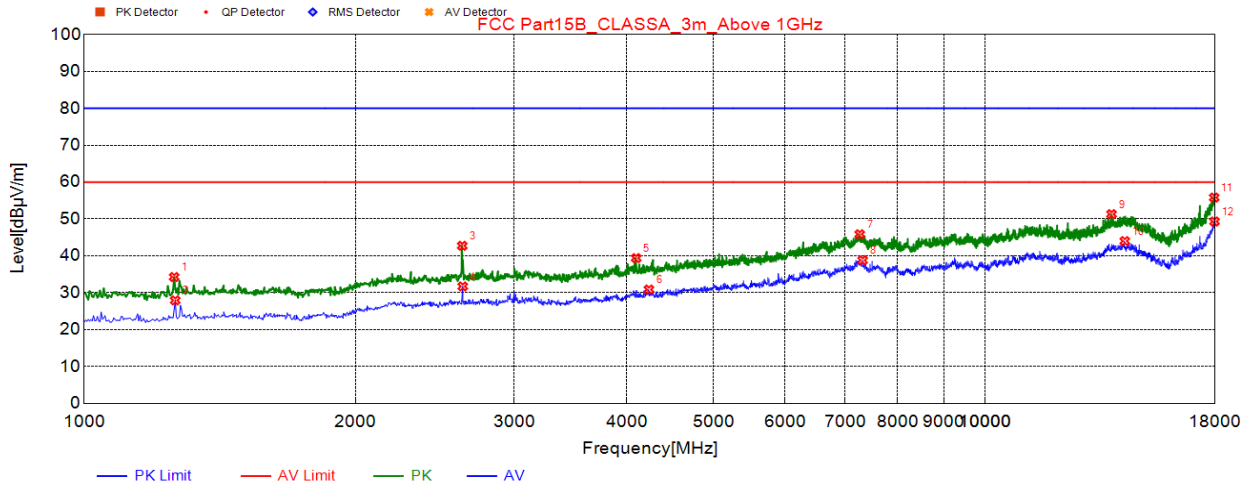
Suspected List									
NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	1295.80	47.40	25.73	60.00	34.27	100	200	Vertical	AV
2	1578.00	55.90	34.5	80.00	45.50	100	319	Vertical	PK
3	2057.40	53.45	34.44	80.00	45.56	100	283	Vertical	PK
4	2598.00	45.68	28.38	60.00	31.62	100	343	Vertical	AV
5	3006.00	52.85	36.48	80.00	43.52	100	153	Vertical	PK
6	4053.20	44.45	30.38	60.00	29.62	100	118	Vertical	AV
7	7259.40	44.00	38.93	60.00	21.07	100	94	Vertical	AV
8	7273.00	50.65	45.59	80.00	34.41	100	343	Vertical	PK
9	14256.6	39.04	43.63	60.00	16.37	100	260	Vertical	AV
10	14266.8	46.53	51.13	80.00	28.87	100	307	Vertical	PK
11	17986.4	45.16	56.67	80.00	23.33	100	248	Vertical	PK
12	17986.4	38.18	49.69	60.00	10.31	100	248	Vertical	AV

Test model	DH-XVR7208A-4KL-X
Test mode	VGA
Position	Horizontal



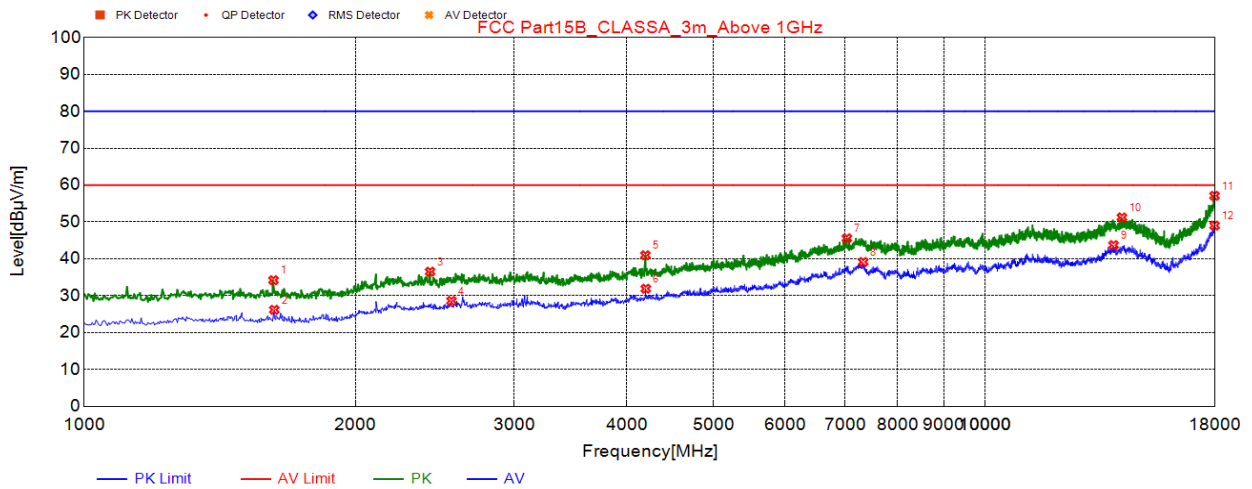
Suspected List									
NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	1574.60	57.95	36.54	80.00	43.46	100	189	Horizontal	PK
2	1578.00	46.93	25.53	60.00	34.47	100	189	Horizontal	AV
3	2404.20	46.03	28.4	60.00	31.60	100	201	Horizontal	AV
4	2615.00	55.10	37.84	80.00	42.16	100	260	Horizontal	PK
5	5042.60	52.05	40.18	80.00	39.82	100	284	Horizontal	PK
6	5409.80	44.68	33.32	60.00	26.68	100	42	Horizontal	AV
7	7249.20	50.91	45.84	80.00	34.16	100	42	Horizontal	PK
8	9241.60	41.82	39.82	60.00	20.18	100	177	Horizontal	AV
9	14260.0	38.96	43.55	60.00	16.45	100	272	Horizontal	AV
10	14440.2	46.73	51.51	80.00	28.49	100	260	Horizontal	PK
11	17996.6	37.37	48.99	60.00	11.01	100	296	Horizontal	AV
12	18000.0	45.17	56.83	80.00	23.17	100	224	Horizontal	PK

Test model	DH-XVR7208A-4KL-X
Test mode	VGA
Position	Vertical



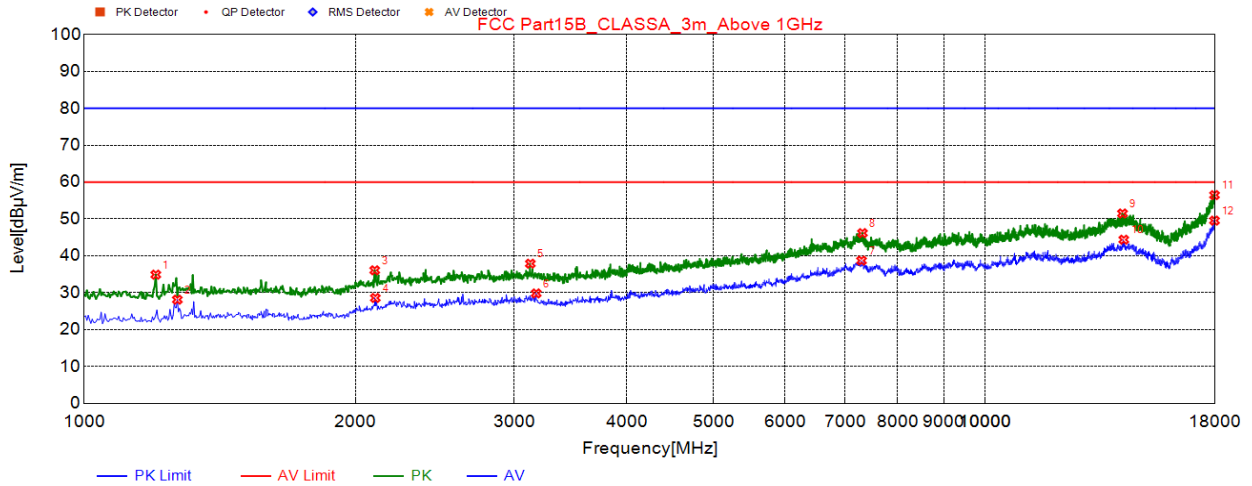
Suspected List									
NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	1258.40	56.23	34.26	80.00	45.74	100	160	Vertical	PK
2	1261.80	49.88	27.93	60.00	32.07	100	160	Vertical	AV
3	2628.60	59.96	42.73	80.00	37.27	100	289	Vertical	PK
4	2632.00	48.93	31.71	60.00	28.29	100	275	Vertical	AV
5	4100.80	53.36	39.39	80.00	40.61	100	348	Vertical	PK
6	4236.80	44.58	30.87	60.00	29.13	100	29	Vertical	AV
7	7262.80	50.91	45.85	80.00	34.15	100	41	Vertical	PK
8	7317.20	43.81	38.79	60.00	21.21	100	300	Vertical	AV
9	13828.2	47.59	51.31	80.00	28.69	100	160	Vertical	PK
10	14304.2	39.37	44	60.00	16.00	100	289	Vertical	AV
11	17979.6	44.37	55.8	80.00	24.20	100	52	Vertical	PK
12	17993.2	37.72	49.3	60.00	10.70	100	252	Vertical	AV

Test model	DH-XVR5216A-X
Test mode	HDMI
Position	Horizontal



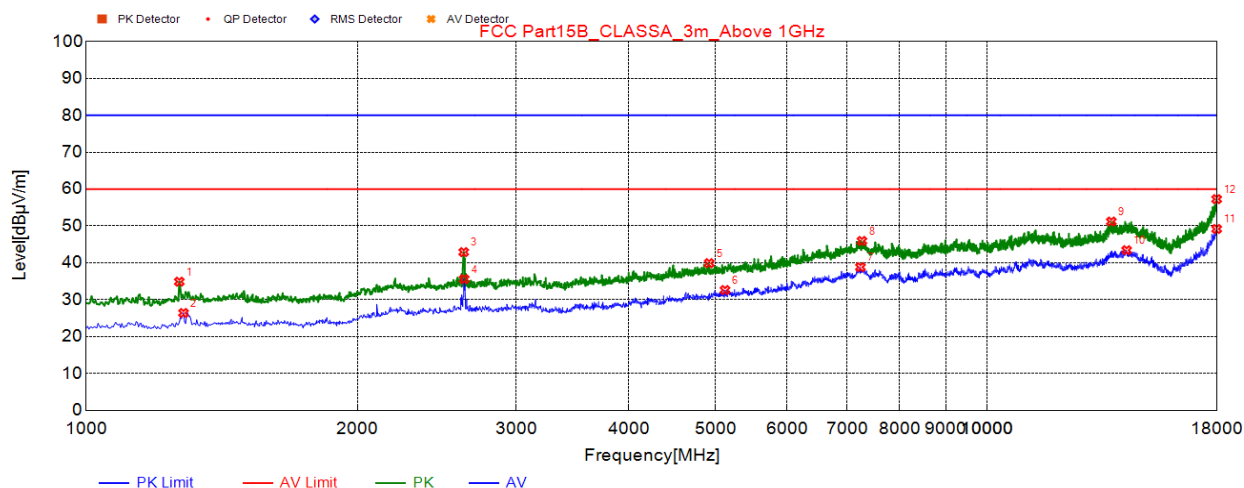
Suspected List									
NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	1622.20	55.60	34.21	80.00	45.79	100	142	Horizontal	PK
2	1625.60	47.56	26.18	60.00	33.82	100	154	Horizontal	AV
3	2421.20	54.14	36.51	80.00	43.49	100	225	Horizontal	PK
4	2557.20	46.01	28.6	60.00	31.40	100	296	Horizontal	AV
5	4199.40	54.76	40.97	80.00	39.03	100	118	Horizontal	PK
6	4202.80	45.69	31.9	60.00	28.10	100	130	Horizontal	AV
7	7028.20	51.66	45.58	80.00	34.42	100	13	Horizontal	PK
8	7327.40	44.17	39.15	60.00	20.85	100	272	Horizontal	AV
9	13899.6	39.75	43.72	60.00	16.28	100	260	Horizontal	AV
10	14198.8	46.70	51.23	80.00	28.77	100	284	Horizontal	PK
11	17993.2	45.51	57.09	80.00	22.91	100	130	Horizontal	PK
12	17996.6	37.40	49.02	60.00	10.98	100	308	Horizontal	AV

Test model	DH-XVR5216A-X
Test mode	HDMI
Position	Vertical



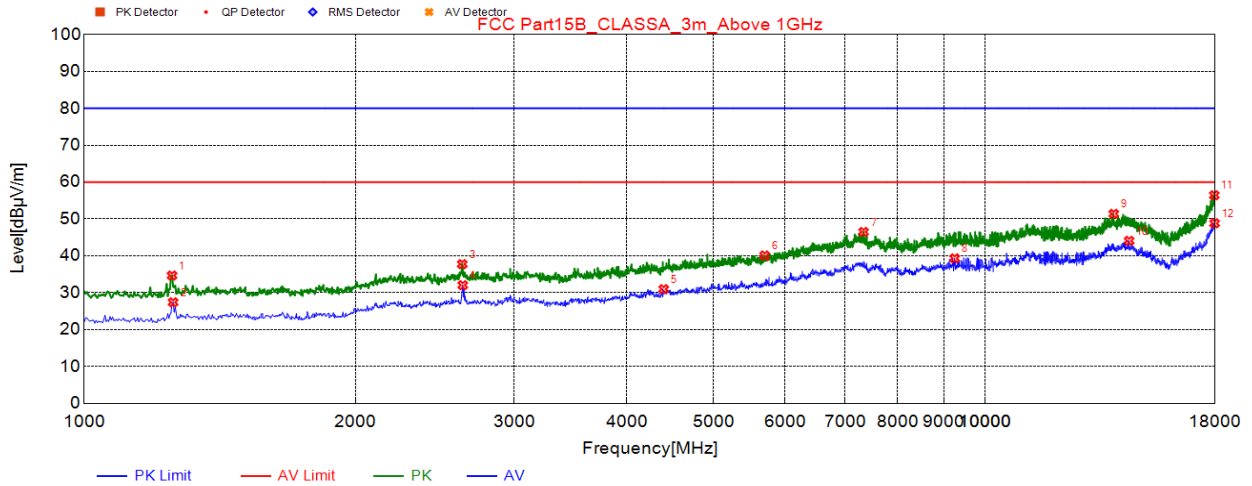
Suspected List									
NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	1200.60	57.35	34.9	80.00	45.10	100	159	Vertical	PK
2	1268.60	50.00	28.11	60.00	31.89	100	247	Vertical	AV
3	2101.60	54.51	36.08	80.00	43.92	100	159	Vertical	PK
4	2105.00	46.96	28.57	60.00	31.43	100	159	Vertical	AV
5	3128.40	54.06	37.88	80.00	42.12	100	159	Vertical	PK
6	3176.00	46.05	29.82	60.00	30.18	100	260	Vertical	AV
7	7296.80	43.74	38.7	60.00	21.30	100	147	Vertical	AV
8	7313.80	51.19	46.16	80.00	33.84	100	159	Vertical	PK
9	14219.2	46.94	51.49	80.00	28.51	100	295	Vertical	PK
10	14266.8	39.78	44.38	60.00	15.62	100	159	Vertical	AV
11	17993.2	44.89	56.47	80.00	23.53	100	124	Vertical	PK
12	17993.2	37.98	49.56	60.00	10.44	100	64	Vertical	AV

Test model	DH-XVR5216A-X
Test mode	VGA
Position	Horizontal



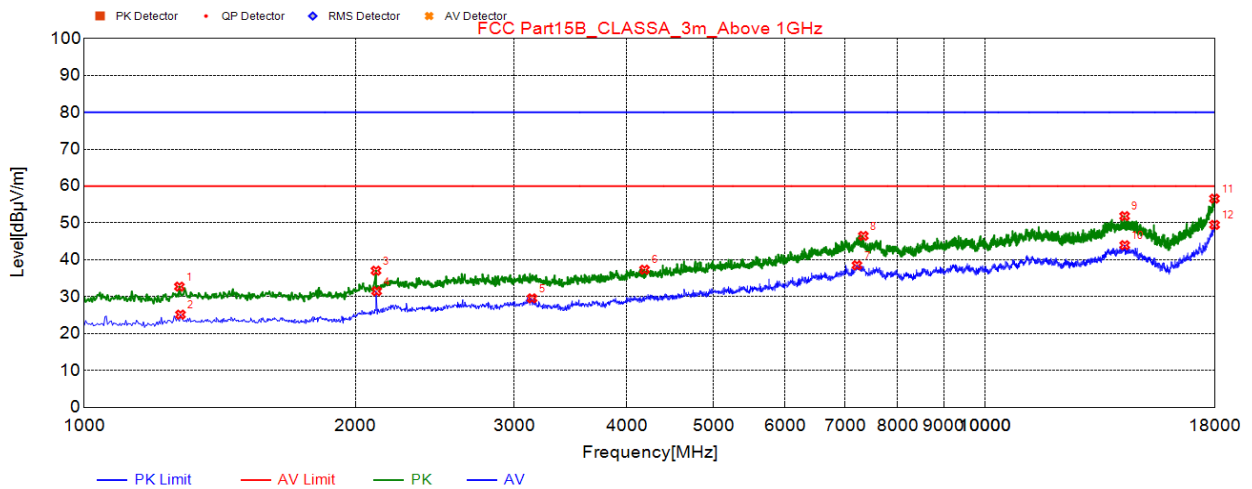
Suspected List									
NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	1268.60	56.78	34.89	80.00	45.11	100	241	Horizontal	PK
2	1282.20	48.18	26.41	60.00	33.59	100	252	Horizontal	AV
3	2625.20	60.15	42.91	80.00	37.09	100	288	Horizontal	PK
4	2628.60	52.82	35.59	60.00	24.41	100	288	Horizontal	AV
5	4916.80	52.00	39.91	80.00	40.09	100	264	Horizontal	PK
6	5120.80	44.36	32.62	60.00	27.38	100	134	Horizontal	AV
7	7239.00	43.91	38.83	60.00	21.17	100	311	Horizontal	AV
8	7266.20	51.00	45.94	80.00	34.06	100	241	Horizontal	PK
9	13750.0	47.75	51.19	80.00	28.81	100	276	Horizontal	PK
10	14297.4	38.80	43.43	60.00	16.57	100	181	Horizontal	AV
11	18000.0	37.52	49.18	60.00	10.82	100	40	Horizontal	AV
12	18000.0	45.61	57.27	80.00	22.73	100	52	Horizontal	PK

Test model	DH-XVR5216A-X
Test mode	VGA
Position	Vertical



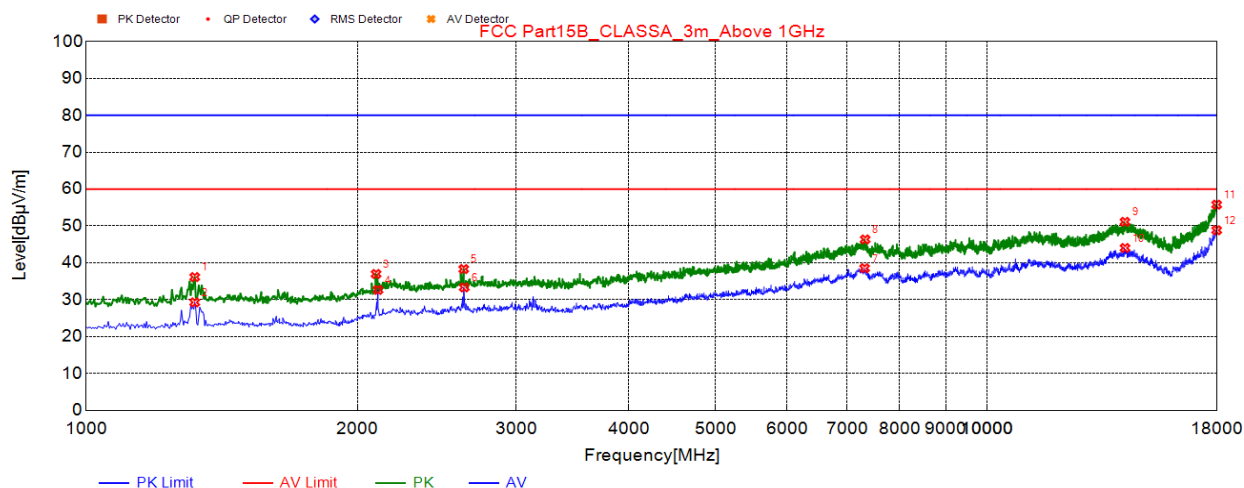
Suspected List									
NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	1251.60	56.70	34.67	80.00	45.33	100	191	Vertical	PK
2	1255.00	49.42	27.42	60.00	32.58	100	191	Vertical	AV
3	2628.60	54.98	37.75	80.00	42.25	100	272	Vertical	PK
4	2632.00	49.27	32.05	60.00	27.95	100	284	Vertical	AV
5	4400.00	44.30	30.98	60.00	29.02	100	121	Vertical	AV
6	5695.40	50.74	40.1	80.00	39.90	100	343	Vertical	PK
7	7334.20	51.51	46.5	80.00	33.50	100	307	Vertical	PK
8	9258.60	41.28	39.32	60.00	20.68	100	109	Vertical	AV
9	13906.4	47.40	51.4	80.00	28.60	100	3	Vertical	PK
10	14464.0	39.27	44.08	60.00	15.92	100	331	Vertical	AV
11	17983.0	44.96	56.43	80.00	23.57	100	343	Vertical	PK
12	17996.6	37.20	48.82	60.00	11.18	100	248	Vertical	AV

Test model	DH-XVR4216AN-X
Test mode	HDMI
Position	Horizontal



Suspected List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	1275.40	54.57	32.74	80.00	47.26	100	1	Horizontal	PK
2	1278.80	46.95	25.15	60.00	34.85	100	1	Horizontal	AV
3	2108.40	55.42	37.06	80.00	42.94	100	178	Horizontal	PK
4	2111.80	49.84	31.5	60.00	28.50	100	178	Horizontal	AV
5	3142.00	45.76	29.56	60.00	30.44	100	330	Horizontal	AV
6	4189.20	51.15	37.34	80.00	42.66	100	293	Horizontal	PK
7	7211.80	43.63	38.52	60.00	21.48	100	317	Horizontal	AV
8	7330.80	51.50	46.49	80.00	33.51	100	13	Horizontal	PK
9	14297.4	47.23	51.86	80.00	28.14	100	109	Horizontal	PK
10	14300.8	39.35	43.98	60.00	16.02	100	109	Horizontal	AV
11	17989.8	45.06	56.6	80.00	23.40	100	178	Horizontal	PK
12	17996.6	37.86	49.48	60.00	10.52	100	257	Horizontal	AV

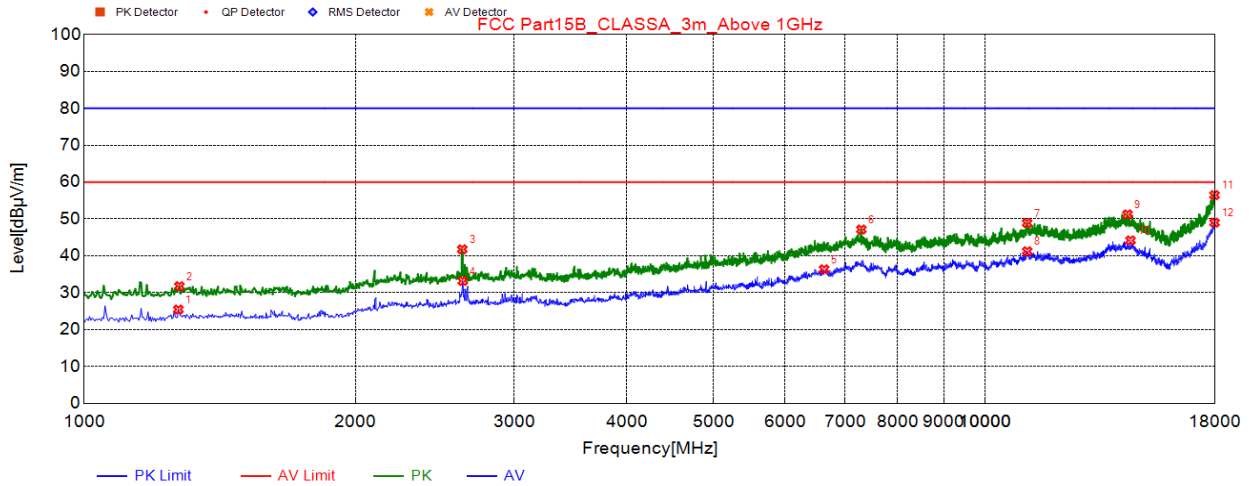
Test model	DH-XVR4216AN-X
Test mode	HDMI
Position	Vertical



Suspected List

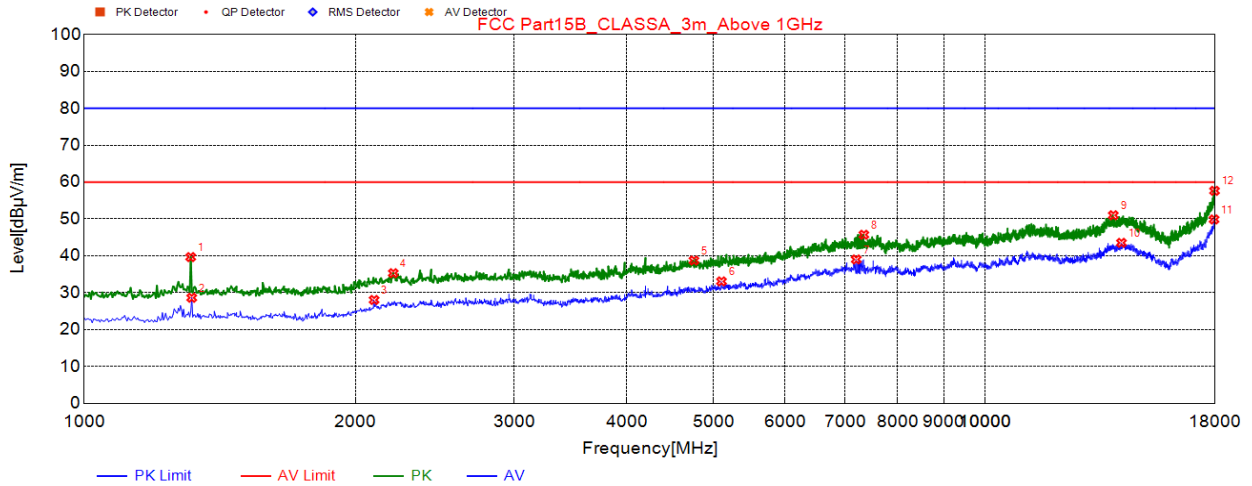
NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	1319.60	57.72	36.14	80.00	43.86	100	236	Vertical	PK
2	1319.60	50.85	29.27	60.00	30.73	100	236	Vertical	AV
3	2098.20	55.44	36.98	80.00	43.02	100	191	Vertical	PK
4	2108.40	51.02	32.66	60.00	27.34	100	121	Vertical	AV
5	2625.20	55.55	38.31	80.00	41.69	100	259	Vertical	PK
6	2628.60	50.57	33.34	60.00	26.66	100	259	Vertical	AV
7	7317.20	43.55	38.53	60.00	21.47	100	191	Vertical	AV
8	7327.40	51.37	46.35	80.00	33.65	100	39	Vertical	PK
9	14236.2	46.54	51.11	80.00	28.89	100	191	Vertical	PK
10	14239.6	39.46	44.03	60.00	15.97	100	191	Vertical	AV
11	18000.0	44.11	55.77	80.00	24.23	100	330	Vertical	PK
12	18000.0	37.18	48.84	60.00	11.16	100	63	Vertical	AV

Test model	DH-XVR4216AN-X
Test mode	VGA
Position	Horizontal



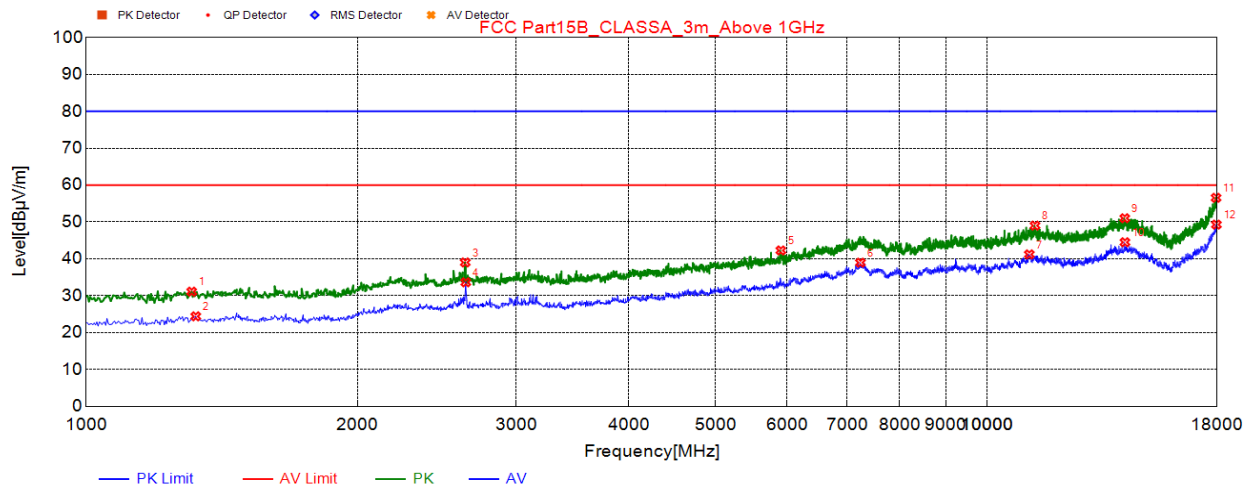
Suspected List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	1272.00	47.30	25.45	60.00	34.55	100	220	Horizontal	AV
2	1275.40	53.61	31.78	80.00	48.22	100	329	Horizontal	PK
3	2628.60	59.00	41.77	80.00	38.23	100	305	Horizontal	PK
4	2632.00	50.42	33.2	60.00	26.80	100	305	Horizontal	AV
5	6630.40	43.89	36.35	60.00	23.65	100	75	Horizontal	AV
6	7293.40	52.19	47.15	80.00	32.85	100	208	Horizontal	PK
7	11142.2	48.29	48.9	80.00	31.10	100	172	Horizontal	PK
8	11145.6	40.64	41.25	60.00	18.75	100	329	Horizontal	AV
9	14402.8	46.50	51.24	80.00	28.76	100	17	Horizontal	PK
10	14515.0	39.39	44.19	60.00	15.81	100	63	Horizontal	AV
11	17993.2	44.89	56.47	80.00	23.53	100	184	Horizontal	PK
12	17996.6	37.39	49.01	60.00	10.99	100	245	Horizontal	AV

Test model	DH-XVR4216AN-X
Test mode	VGA
Position	Vertical



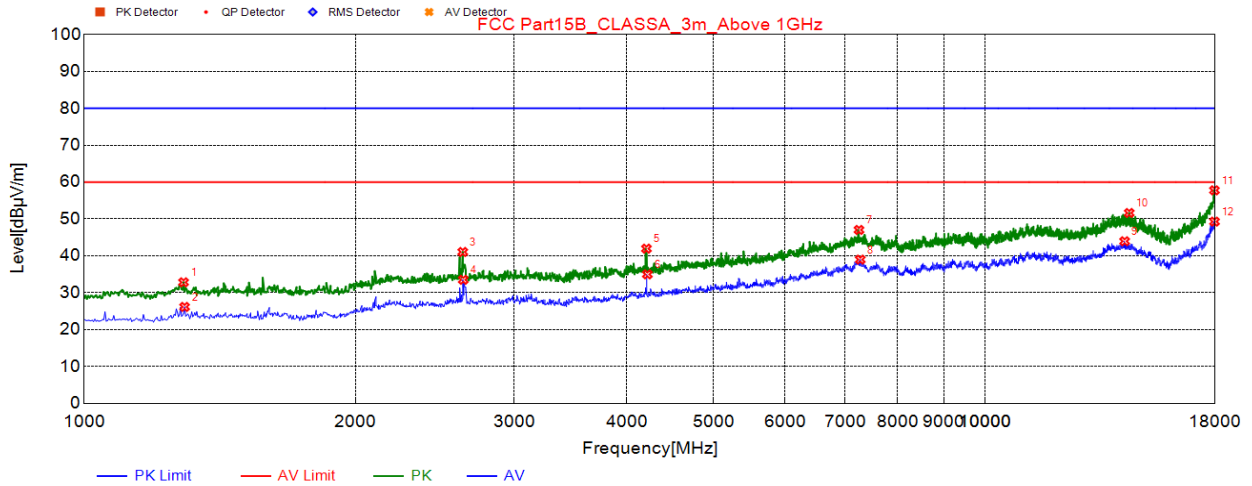
Suspected List									
NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	1312.80	61.26	39.66	80.00	40.34	100	237	Vertical	PK
2	1316.20	50.22	28.63	60.00	31.37	100	237	Vertical	AV
3	2098.20	46.50	28.04	60.00	31.96	100	272	Vertical	AV
4	2203.60	52.93	35.3	80.00	44.70	100	74	Vertical	PK
5	4753.60	51.13	38.74	80.00	41.26	100	237	Vertical	PK
6	5100.40	44.85	33.07	60.00	26.93	100	15	Vertical	AV
7	7198.20	44.13	39.02	60.00	20.98	100	178	Vertical	AV
8	7341.00	50.74	45.72	80.00	34.28	100	178	Vertical	PK
9	13889.4	47.07	51.01	80.00	28.99	100	178	Vertical	PK
10	14181.8	39.02	43.53	60.00	16.47	100	74	Vertical	AV
11	17972.8	38.52	49.87	60.00	10.13	100	225	Vertical	AV
12	17993.2	46.05	57.63	80.00	22.37	100	225	Vertical	PK

Test model	DH-XVR4232AN-X
Test mode	HDMI
Position	Horizontal



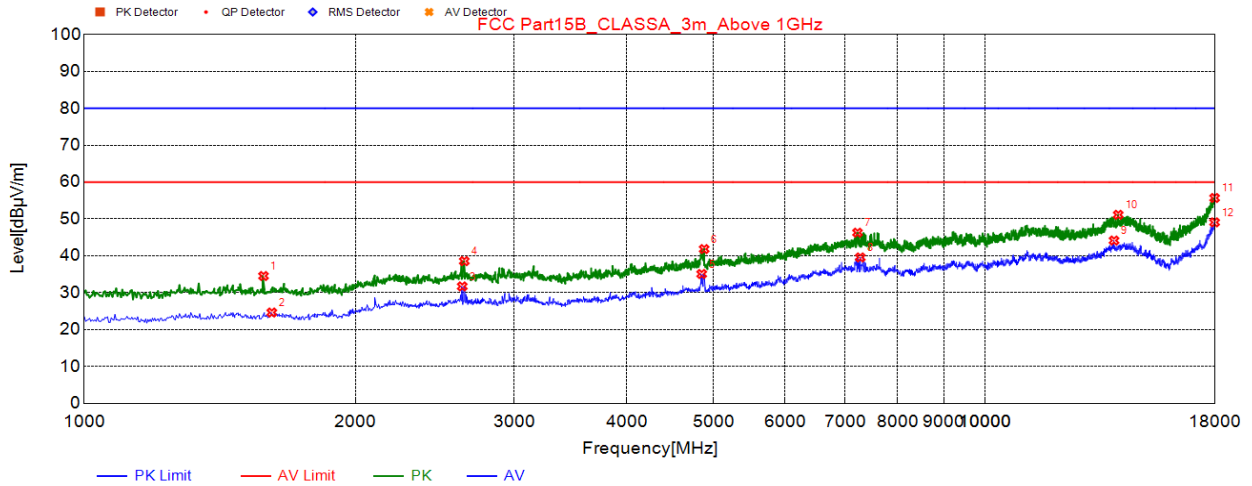
Suspected List									
NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	1309.40	52.71	31.1	80.00	48.90	100	16	Horizontal	PK
2	1323.00	45.98	24.41	60.00	35.59	100	193	Horizontal	AV
3	2635.40	56.22	39.02	80.00	40.98	100	280	Horizontal	PK
4	2638.80	50.84	33.64	60.00	26.36	100	280	Horizontal	AV
5	5906.20	52.32	42.27	80.00	37.73	100	331	Horizontal	PK
6	7239.00	44.04	38.96	60.00	21.04	100	86	Horizontal	AV
7	11149.0	40.60	41.2	60.00	18.80	100	230	Horizontal	AV
8	11312.2	48.46	49.01	80.00	30.99	100	355	Horizontal	PK
9	14229.4	46.45	51.01	80.00	28.99	100	254	Horizontal	PK
10	14236.2	39.93	44.5	60.00	15.50	100	74	Horizontal	AV
11	17972.8	45.20	56.55	80.00	23.45	100	218	Horizontal	PK
12	17989.8	37.74	49.28	60.00	10.72	100	280	Horizontal	AV

Test model	DH-XVR4232AN-X
Test mode	HDMI
Position	Vertical



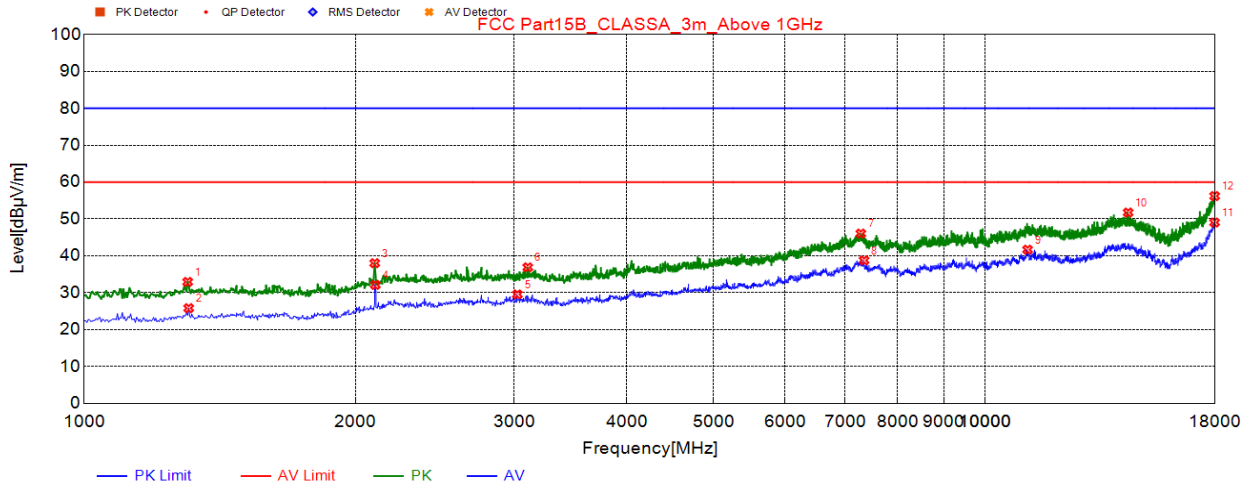
Suspected List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector	
1	1289.00	54.54	32.82	80.00	47.18	100	166	Vertical	PK	
2	1292.40	47.84	26.15	60.00	33.85	100	166	Vertical	AV	
3	2632.00	58.27	41.05	80.00	38.95	100	272	Vertical	PK	
4	2635.40	50.70	33.5	60.00	26.50	100	272	Vertical	AV	
5	4209.60	55.72	41.95	80.00	38.05	100	118	Vertical	PK	
6	4219.80	48.73	34.98	60.00	25.02	100	130	Vertical	AV	
7	7249.20	52.10	47.03	80.00	32.97	100	107	Vertical	PK	
8	7273.00	44.04	38.98	60.00	21.02	100	213	Vertical	AV	
9	14297.4	39.32	43.95	60.00	16.05	100	224	Vertical	AV	
10	14467.4	46.82	51.63	80.00	28.37	100	284	Vertical	PK	
11	17989.8	46.22	57.76	80.00	22.24	100	272	Vertical	PK	
12	17993.2	37.70	49.28	60.00	10.72	100	272	Vertical	AV	

Test model	DH-XVR4232AN-X
Test mode	VGA
Position	Horizontal



Suspected List									
NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	1581.40	55.93	34.53	80.00	45.47	100	117	Horizontal	PK
2	1615.40	46.01	24.63	60.00	35.37	100	342	Horizontal	AV
3	2628.60	48.94	31.71	60.00	28.29	100	271	Horizontal	AV
4	2642.20	55.76	38.56	80.00	41.44	100	259	Horizontal	PK
5	4848.80	47.30	35.08	60.00	24.92	100	47	Horizontal	AV
6	4879.40	53.98	41.83	80.00	38.17	100	47	Horizontal	PK
7	7222.00	51.37	46.28	80.00	33.72	100	307	Horizontal	PK
8	7273.00	44.63	39.57	60.00	20.43	100	71	Horizontal	AV
9	13916.6	40.12	44.15	60.00	15.85	100	47	Horizontal	AV
10	14066.2	46.73	51.13	80.00	28.87	100	35	Horizontal	PK
11	17996.6	44.07	55.69	80.00	24.31	100	71	Horizontal	PK
12	17996.6	37.46	49.08	60.00	10.92	100	319	Horizontal	AV

Test model	DH-XVR4232AN-X
Test mode	VGA
Position	Vertical



Suspected List									
NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	1302.60	54.55	32.93	80.00	47.07	100	287	Vertical	PK
2	1306.00	47.42	25.81	60.00	34.19	100	287	Vertical	AV
3	2101.60	56.44	38.01	80.00	41.99	100	146	Vertical	PK
4	2105.00	50.51	32.12	60.00	27.88	100	276	Vertical	AV
5	3026.40	45.87	29.55	60.00	30.45	100	322	Vertical	AV
6	3108.00	53.05	36.89	80.00	43.11	100	299	Vertical	PK
7	7283.20	51.09	46.04	80.00	33.96	100	5	Vertical	PK
8	7344.40	43.79	38.77	60.00	21.23	100	217	Vertical	AV
9	11155.8	41.08	41.68	60.00	18.32	100	75	Vertical	AV
10	14426.6	46.98	51.74	80.00	28.26	100	17	Vertical	PK
11	17996.6	37.42	49.04	60.00	10.96	100	17	Vertical	AV
12	18000.0	44.55	56.21	80.00	23.79	100	276	Vertical	PK



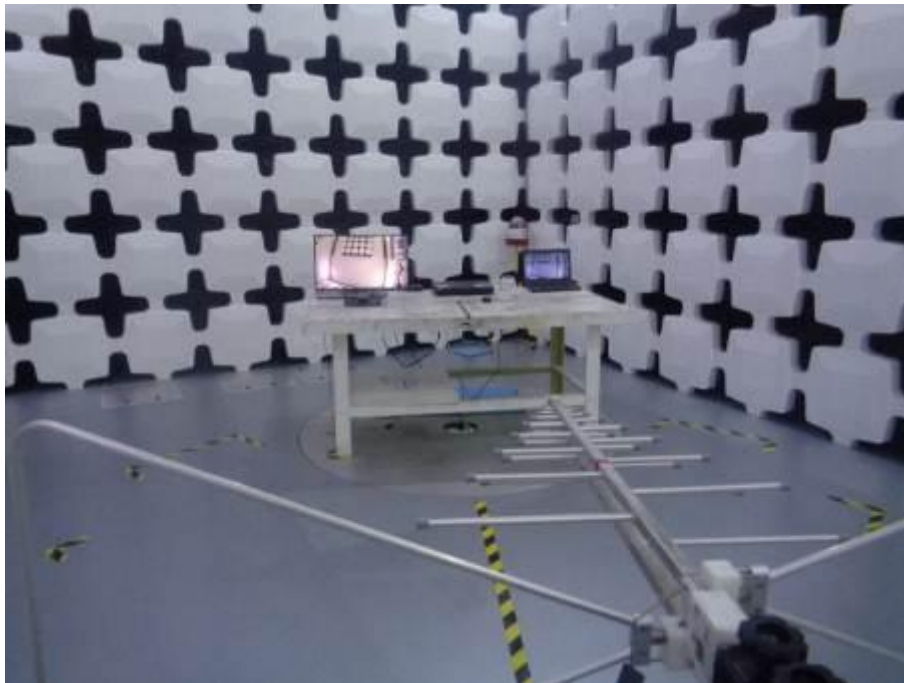
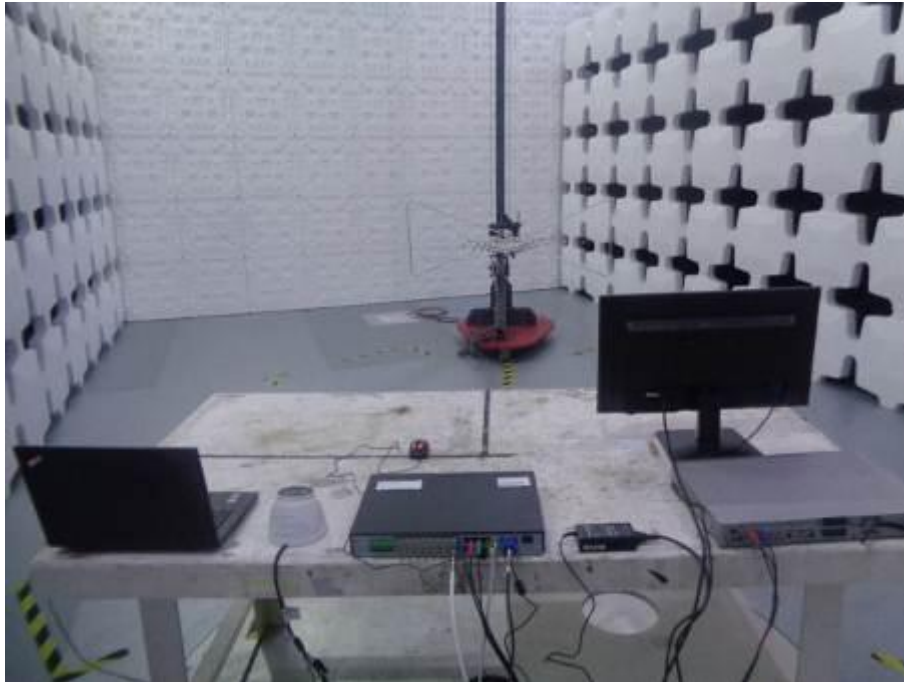
**BUREAU
VERITAS**

5.7. Test Photographs (30MHz ~ 1000MHz)

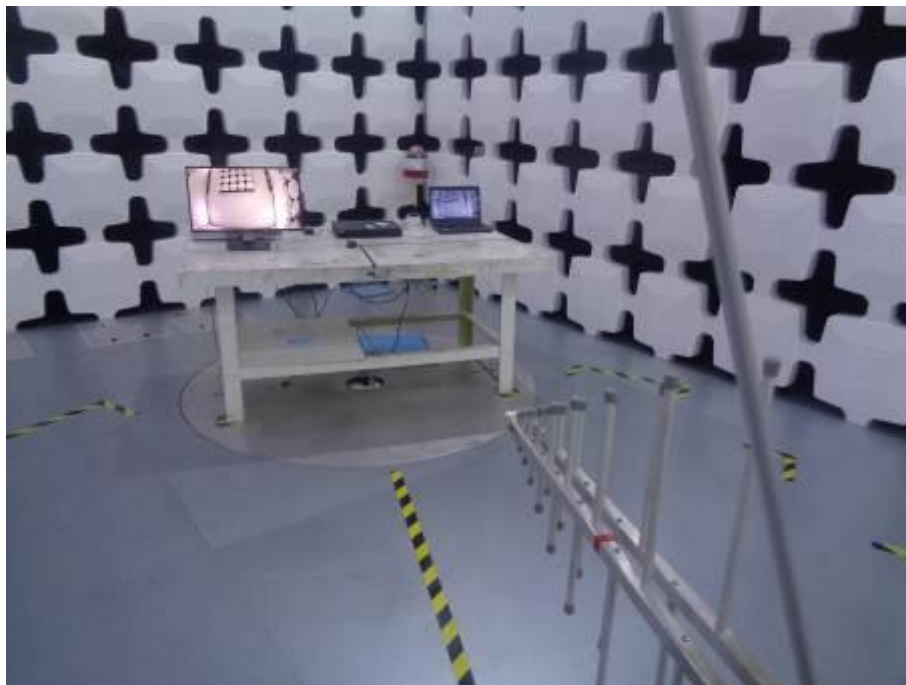
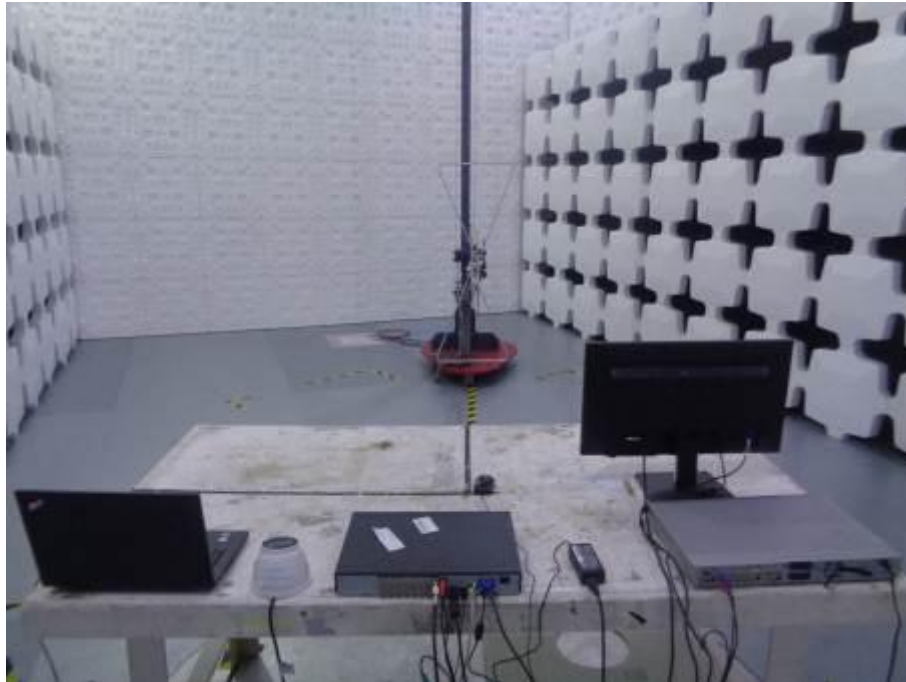
DH-XVR7208A-4KL-X



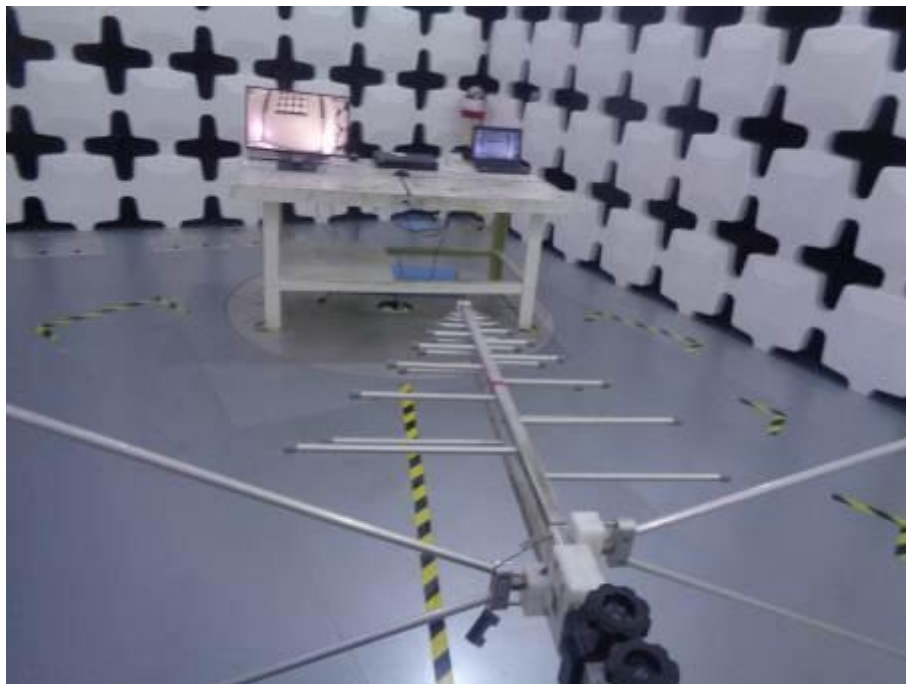
DH-XVR5216A-X



DH-XVR4216AN-X



DH-XVR4232AN-X

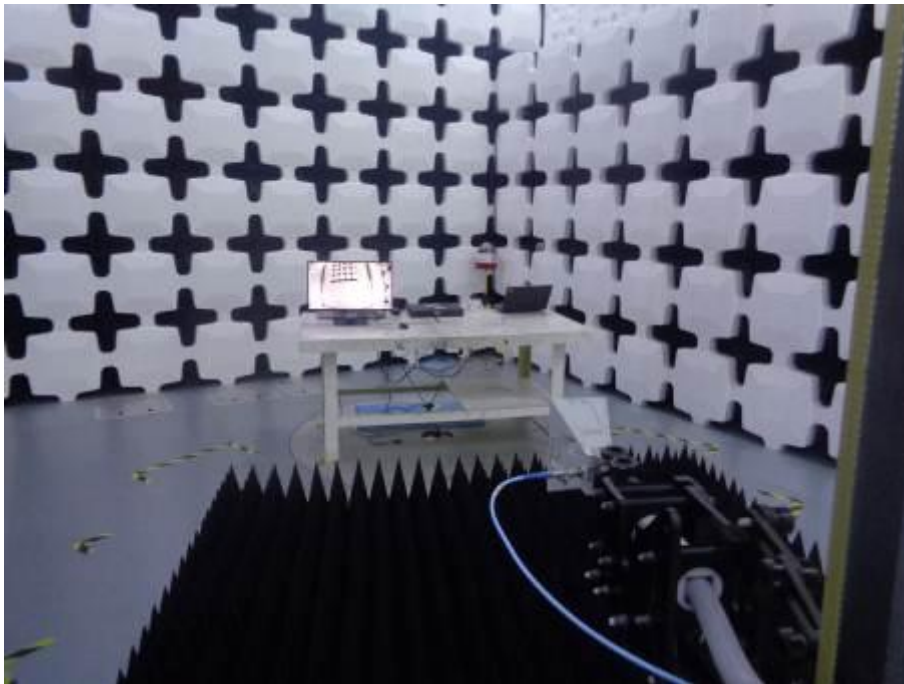




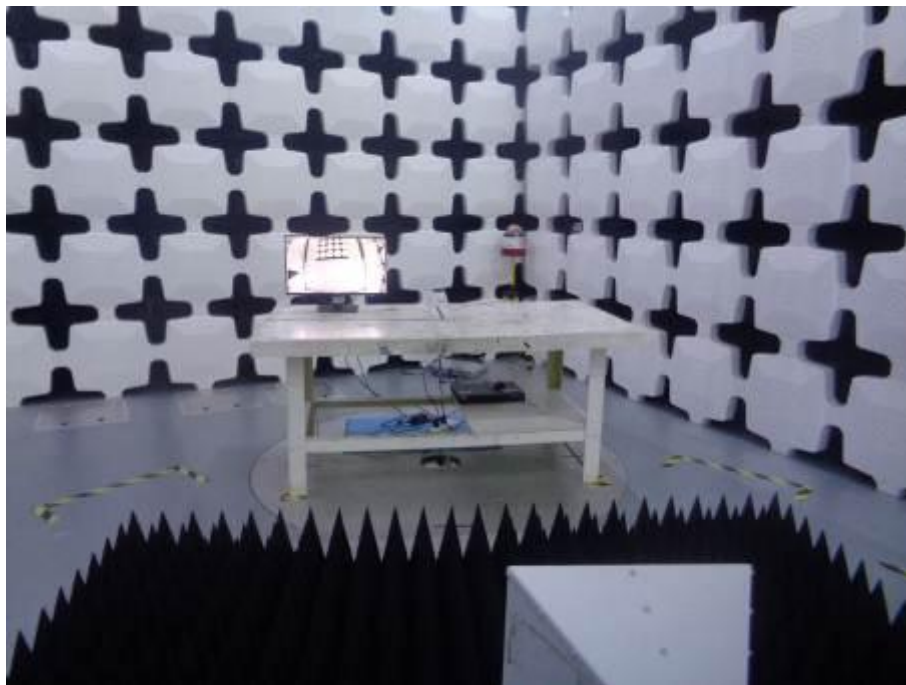
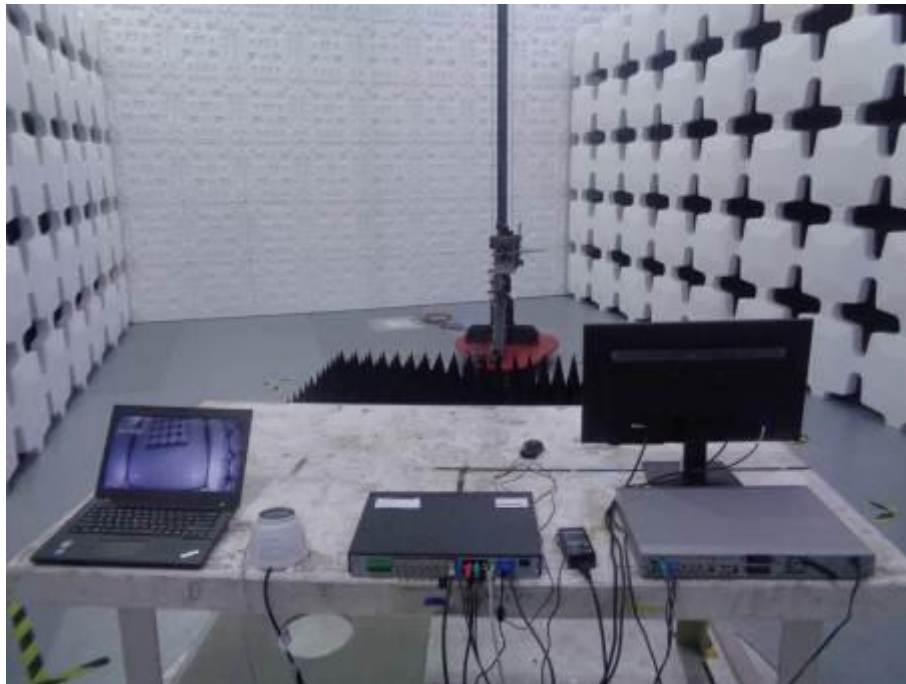
**BUREAU
VERITAS**

5.8. Test Photographs (1000MHz ~ 18000MHz)

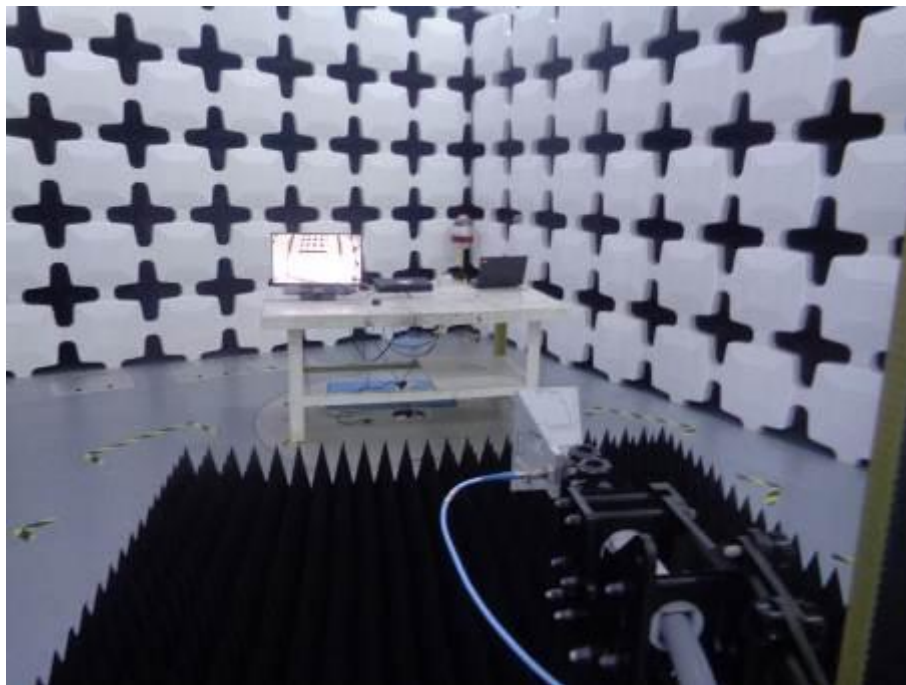
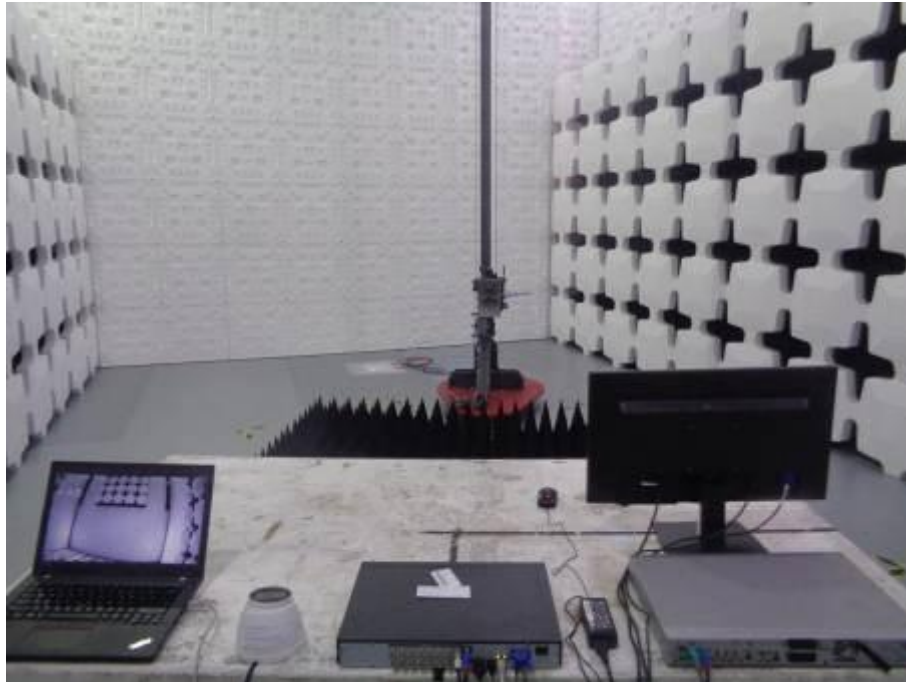
DH-XVR7208A-4KL-X



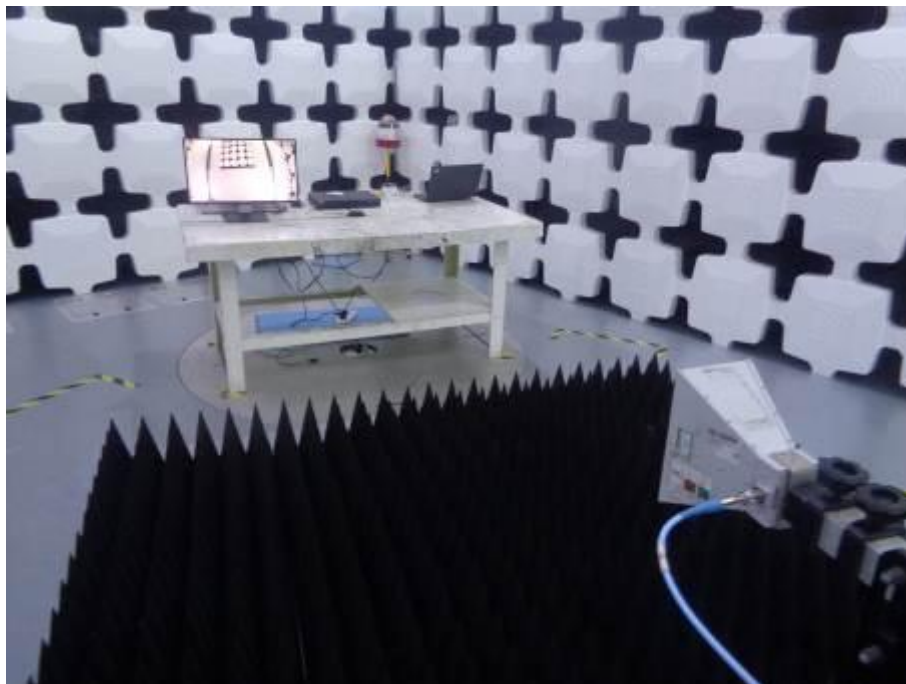
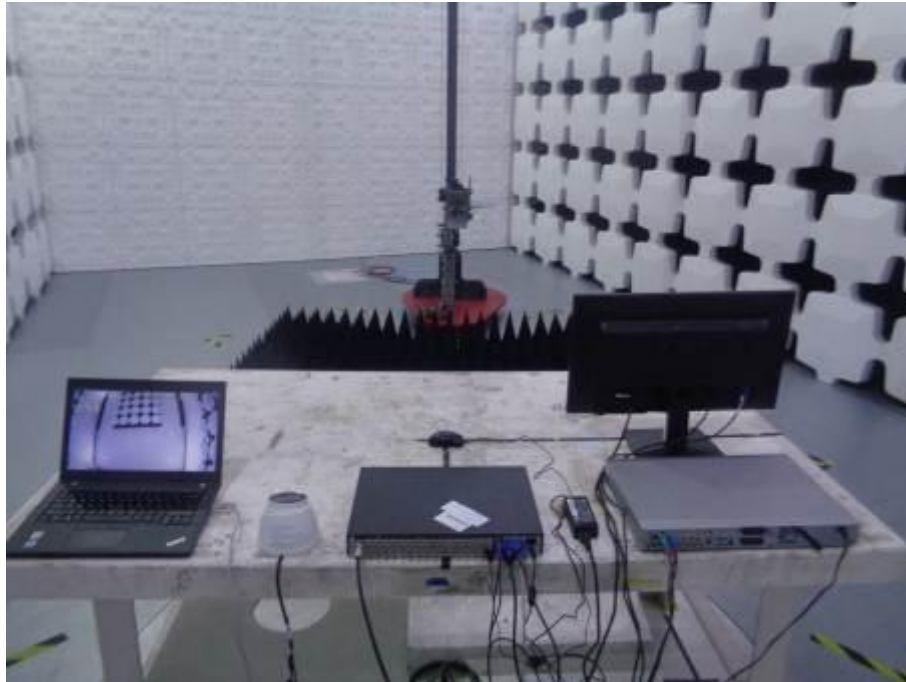
DH-XVR5216A-X



DH-XVR4216AN-X



DH-XVR4232AN-X



6. Photographs of EUT

DH-XVR7208A-4KL-X





DH-XVR5216A-X





DH-XVR4216AN-X





DH-XVR4232AN-X





Adapter 1



Adapter 2





--- END ---