



TEST REPORT

Report No.: DHQ-18MA0008VTSPB
Test Model: DH-IPC-HDBW2831RP-ZAS
Received: Mar.02, 2018
ISSUED: Mar.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)

This test report consists of 29 pages in total. It may be duplicated completely for legal use with the approval of the applicant. It should not be reproduced except in full, without the written approval of our laboratory. The client should not use it to claim product certification, approval, or endorsement by A2LA, CNAS, or any government agency. The test results in the report only apply to the tested item. The test results in this report are traceable to the national or international standards.



1. TEST PROGRAM	3
2. Summary of Test Procedure and Test Results	4
3. Test Configuration of Equipment under Test	5
3.1. Manufacturer information	5
3.2. Factory information	5
3.3. Feature of Equipment under Test.....	5
3.4. Description of support units.....	6
3.5. Measurement Uncertainty	6
4. Test of Conducted Emission	7
4.1. Test Limit	7
4.2. Test Procedures	8
4.3. Typical Test Setup	8
4.4. Measurement Equipment.....	9
4.5. Test Result and Data.....	10
4.6. Test Photographs	14
5. Test of Radiated Emission	15
5.1. Test Limit.....	15
5.2. Test Procedures	16
5.3. Typical Test Setup	16
5.4. Measurement Equipment.....	17
5.5. Test Result and Data (30MHz ~ 1GHz).....	18
5.6. Test Result and Data (1GHz ~ 6GHz).....	22
5.7. Test Photographs (30MHz ~ 1000MHz).....	26
5.8. Test Photographs (1000MHz ~ 6000MHz).....	27
6. Photographs of EUT	28

1. TEST PROGRAM

PRODUCT: IP CAMERA

TEST MODEL: DH-IPC-HDBW2831RP-ZAS

SERIES MODEL: DH-IPC-HDBW1831RP, DH-IPC-HDBW1831RN,
IPC-HDBW1831RP, IPC-HDBW1831RN,
DH-IPC-HDBW1831R, IPC-HDBW1831R,
DH-IPC-HDBW1831RP-S, DH-IPC-HDBW1831RN-S,
IPC-HDBW1831RP-S, IPC-HDBW1831RN-S,
DH-IPC-HDBW1831R-S, IPC-HDBW1831R-S,
DH-IPC-HDBW2831RP-ZS, DH-IPC-HDBW2831RN-ZS,
IPC-HDBW2831RP-ZS, IPC-HDBW2831RN-ZS,
DH-IPC-HDBW2831R-ZS, IPC-HDBW2831R-ZS,
DH-IPC-HDBW2831RP-ZAS, DH-IPC-HDBW2831RN-ZAS,
IPC-HDBW2831RP-ZAS, IPC-HDBW2831RN-ZAS,
DH-IPC-HDBW2831R-ZAS, IPC-HDBW2831R-ZAS

APPLICANT: ZHEJIANG DAHUA VISION TECHNOLOGY CO.,LTD.

TESTED: Mar.05 to Mar.13, 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:** Mar.14, 2018
Bing YE

Project Engineer

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

Joy ZHU
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



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:	IP CAMERA
Test Model:	DH-IPC-HDW8341XN-3D
Series Model:	DH-IPC-HDBW1831RP, DH-IPC-HDBW1831RN, IPC-HDBW1831RP, IPC-HDBW1831RN, DH-IPC-HDBW1831R, IPC-HDBW1831R, DH-IPC-HDBW1831RP-S, DH-IPC-HDBW1831RN-S, IPC-HDBW1831RP-S, IPC-HDBW1831RN-S, DH-IPC-HDBW1831R-S, IPC-HDBW1831R-S, DH-IPC-HDBW2831RP-ZS, DH-IPC-HDBW2831RN-ZS, IPC-HDBW2831RP-ZS, IPC-HDBW2831RN-ZS, DH-IPC-HDBW2831R-ZS, IPC-HDBW2831R-ZS, DH-IPC-HDBW2831RP-ZAS, DH-IPC-HDBW2831RN-ZAS, IPC-HDBW2831RP-ZAS, IPC-HDBW2831RN-ZAS, DH-IPC-HDBW2831R-ZAS, IPC-HDBW2831R-ZAS
Model Discrepancy:	All models have same internal structure, just different appearance and model name.
EUT Power Rating:	12VDC 0.5A and POE(802.3af, 37-57V), 0.35A

Note: Please refer to user manual.

3.4. Description of support units

NO.	PRODUCT	BRAND	MODEL NO.
1	PC	Lenovo	Thinkpad L470
2	AC adapter	HUAWEI	ADS-12AM-12 12012EPCU
3	POE injector	SUPLET	LAS60-57CN-RJ45
4	Network Cable	--	--

3.5. 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)

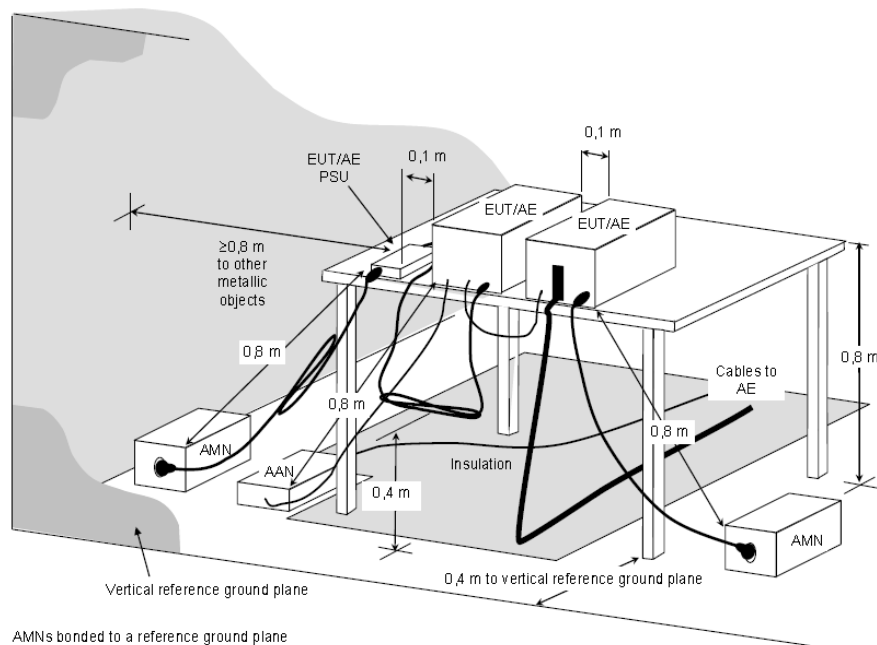
FREQUENCY (MHz)	Class A (dB μ V)		Class B (dB μ V)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 - 0.5	79	66	66 - 56	56 - 46
0.50 - 5.0	73	60	56	46
5.0 - 30.0	73	60	60	50

- 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.

4.2. Test Procedures

- The EUT was placed on a desk 0.8 meters height from the metal ground plane and 0.4 meter from the conducting wall of the shielding room and it was kept at least 0.8 meters from any other grounded conducting surface.
- Connect EUT to the power mains through a Artificial Mains Network (AMN).
- All the support units are connecting to the other AMN.
- The AMN provides 50 ohm coupling impedance for the measuring instrument.
- The CISPR states that a 50 ohm, 50 micro-Henry AMN should be used.
- Both sides of AC line were checked for maximum conducted interference.
- The frequency range from 150 kHz to 30 MHz was searched
- Set the test-receiver system to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

4.3. Typical Test Setup



NOTE The 0.8 m distance specified between EUT/AE/PSU and AMN/AAN, is applicable only to the EUT being measured. If the device is AE then it shall be ≥ 0.8 m.

**Figure D.2 – Example measurement arrangement for table-top EUT
(Conducted emission measurement – alternative 1)**



4.4. Measurement Equipment

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED UNTIL
Test Receiver ROHDE & SCHWARZ	ESCS30	E1R1002	Mar.26, 2018
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

For DC12 port test on AC adapter

Phase : LINE

Location: Conduction 1

Date: 3/14/2018

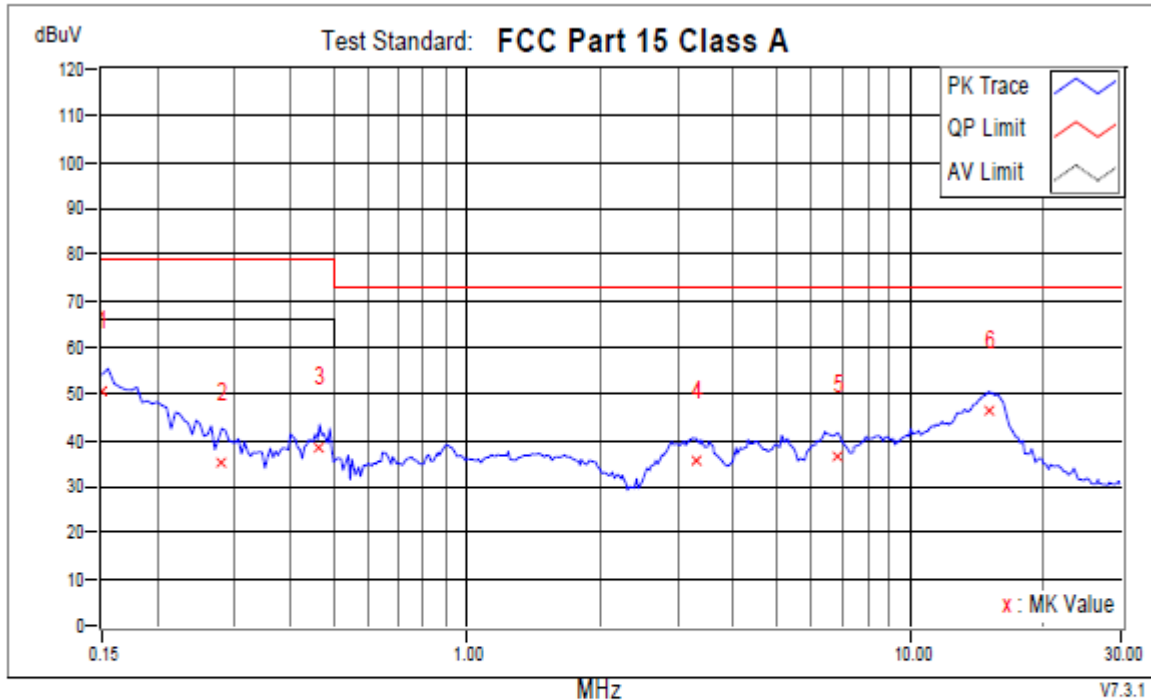
Time: 4:44:30 PM

Phase L1

Temperatuer (C): 21

Humidity (%): 52

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	41.17	25.67	50.77	35.27	79.00	66.00	-28.23	-30.73	
2	0.28000	9.60	25.37	12.06	34.97	21.66	79.00	66.00	-44.03	-44.34	
3	0.46500	9.60	28.99	22.41	38.59	32.01	79.00	66.00	-40.41	-33.99	
4	3.28500	9.60	26.04	21.36	35.64	30.96	73.00	60.00	-37.36	-29.04	
5	6.86500	9.70	26.79	20.64	36.49	30.34	73.00	60.00	-36.51	-29.66	
+6	15.06000	10.40	36.19	31.08	46.59	41.48	73.00	60.00	-26.41	-18.52	

Phase : NEUTRAL

Location: Conduction 1

Date: 3/14/2018

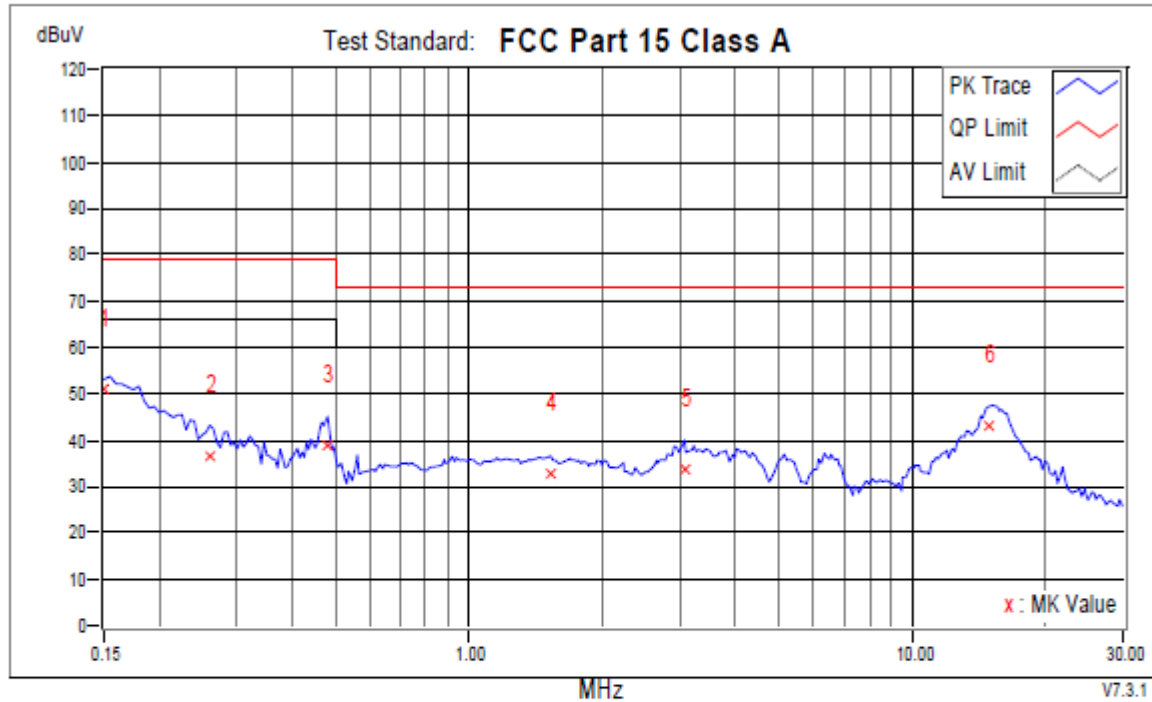
Time: 4:43:39 PM

Phase N

Temperature (C): 21

Humidity (%): 52

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	41.43	25.86	51.03	35.46	79.00	66.00	-27.97	-30.54	
2	0.26000	9.60	26.85	15.53	36.45	25.13	79.00	66.00	-42.55	-40.87	
3	0.48000	9.60	29.32	20.37	38.92	29.97	79.00	66.00	-40.08	-36.03	
4	1.53000	9.60	23.31	17.82	32.91	27.42	73.00	60.00	-40.09	-32.58	
5	3.07000	9.60	24.04	18.93	33.64	28.53	73.00	60.00	-39.36	-31.47	
+6	14.98500	10.50	32.85	27.33	43.35	37.83	73.00	60.00	-29.65	-22.17	

For POE port test on POE adapter

Phase : LINE

Location: Conduction 1

Date: 3/14/2018

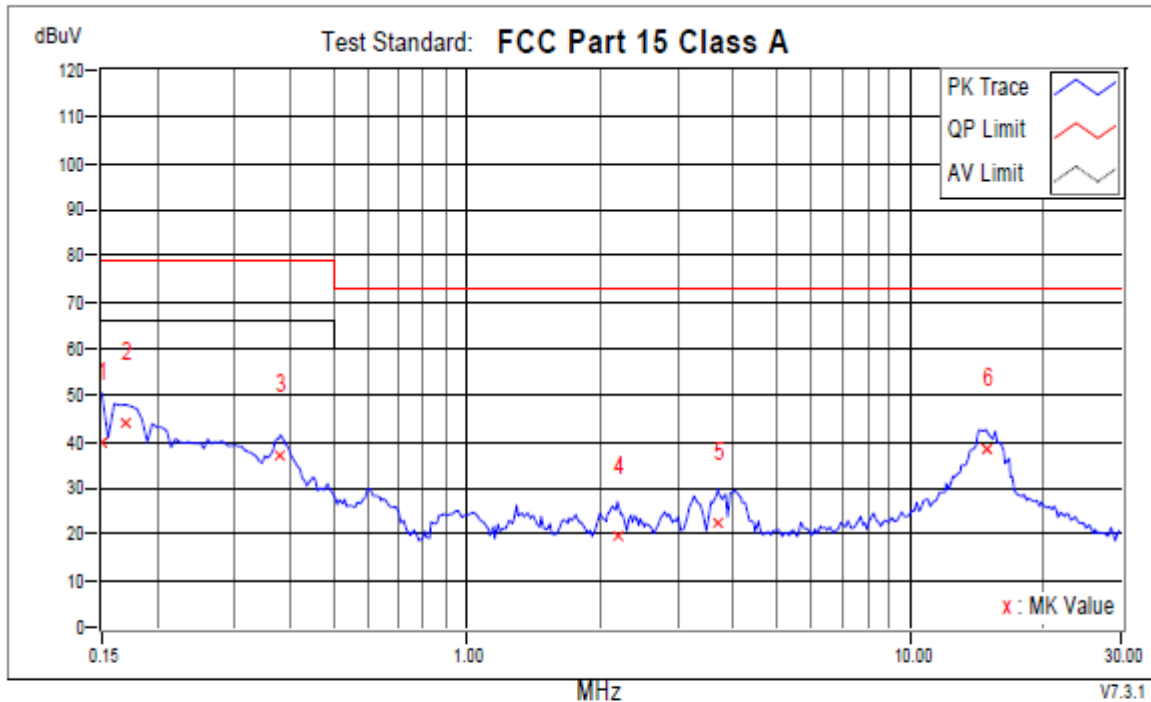
Time: 4:36:16 PM

Phase L1

Temperatuer (C): 21

Humidity (%): 52

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	30.23	14.45	39.83	24.05	79.00	66.00	-39.17	-41.95	
2	0.17000	9.60	34.23	23.08	43.83	32.68	79.00	66.00	-35.17	-33.32	
3	0.38000	9.60	27.58	21.57	37.18	31.17	79.00	66.00	-41.82	-34.83	
4	2.18500	9.60	10.13	4.37	19.73	13.97	73.00	60.00	-53.27	-46.03	
5	3.68500	9.60	12.72	1.17	22.32	10.77	73.00	60.00	-50.68	-49.23	
+6	14.86000	10.36	27.92	22.68	38.28	33.04	73.00	60.00	-34.72	-26.96	

Phase : NEUTRAL

Location: Conduction 1

Date: 3/14/2018

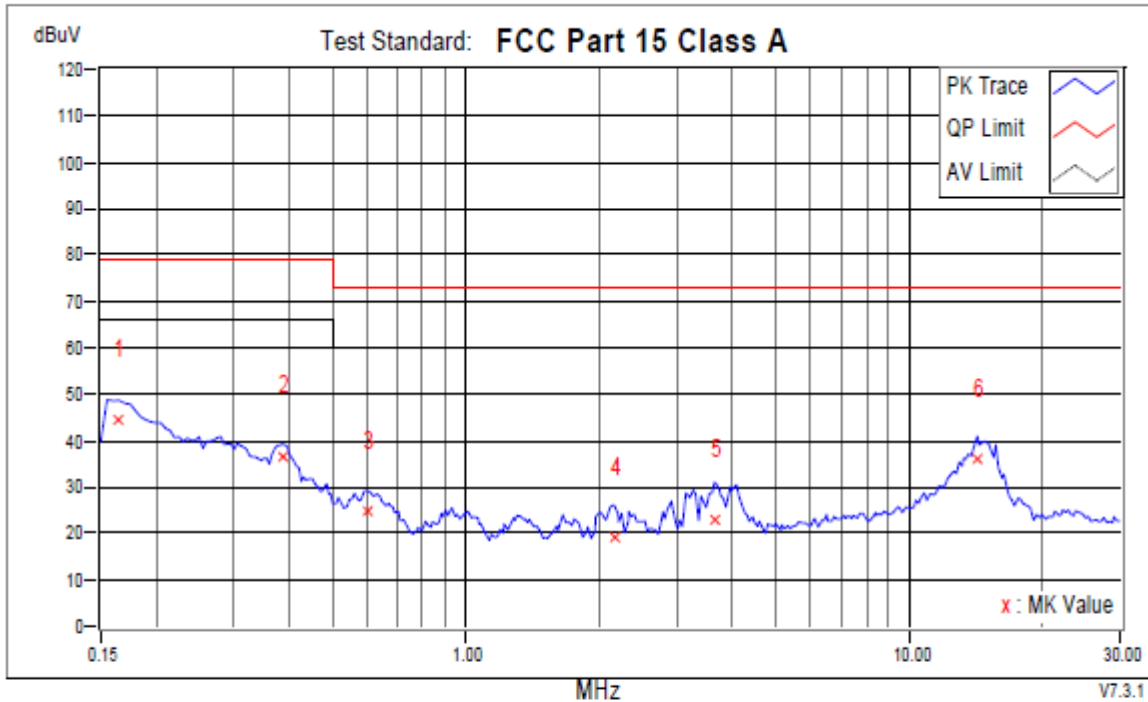
Time: 4:35:35 PM

Phase N

Temperatuer (C): 21

Humidity (%): 52

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	0.16500	9.60	34.82	22.61	44.42	32.21	79.00	66.00	-34.58	-33.79	
2	0.38500	9.60	26.88	20.43	36.48	30.03	79.00	66.00	-42.52	-35.97	
3	0.60000	9.60	15.07	9.11	24.67	18.71	73.00	60.00	-48.33	-41.29	
4	2.16000	9.60	9.57	3.88	19.17	13.48	73.00	60.00	-53.83	-46.52	
5	3.63500	9.60	13.23	1.53	22.83	11.13	73.00	60.00	-50.17	-48.87	
+6	14.25000	10.40	25.48	20.24	35.88	30.64	73.00	60.00	-37.12	-29.36	

4.6. Test Photographs

AC adapter



POE adapter



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

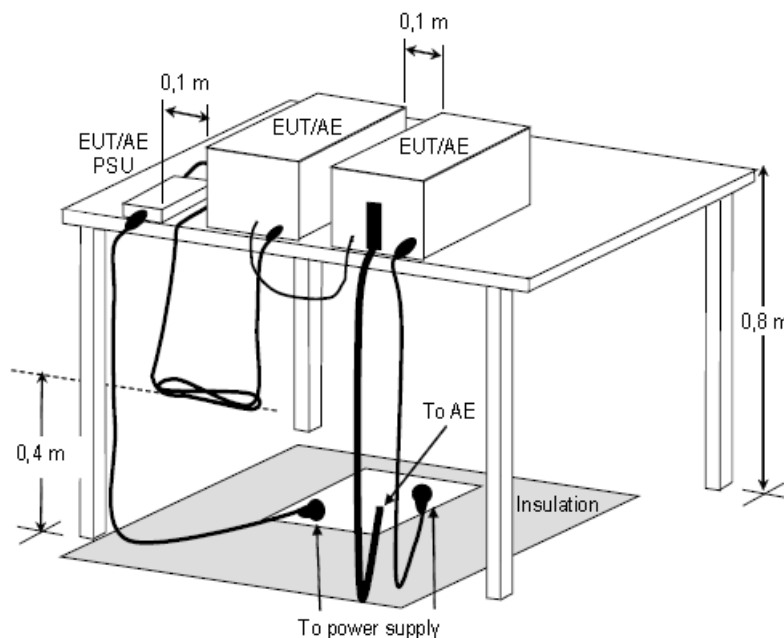
FREQUENCY (MHz)	Class A ($\text{dB}\mu\text{V/m}$) (at 3m)		Class B ($\text{dB}\mu\text{V/m}$) (at 3m)	
	PEAK	AVERAGE	PEAK	AVERAGE
Above 1000	80.0	60.0	74.0	54.0

- 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

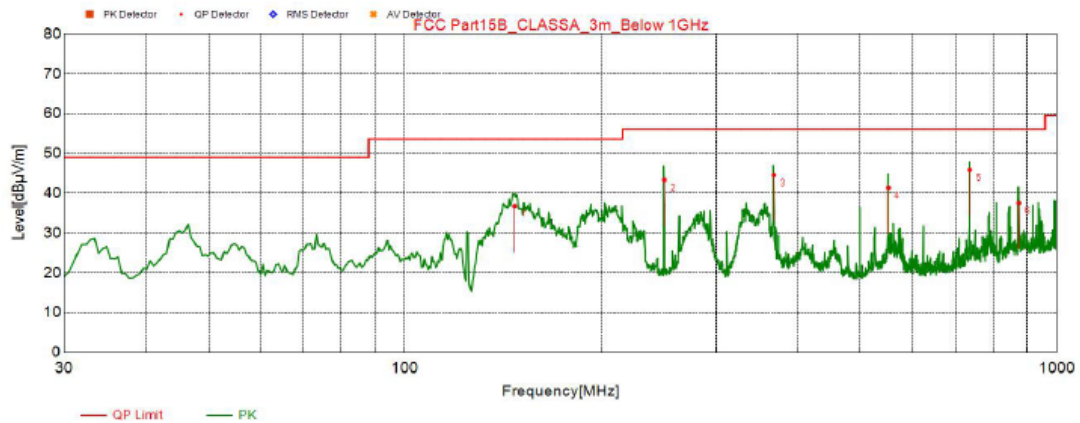
DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED UNTIL
EMI Test Spectrum ROHDE & SCHWARZ	ESR7	E1R1005	Nov.28, 2018
Broad-Band Antenna Schwarzbeck	VULB9168	E1A1001	Feb.27, 2019
Double Riaged Vroadband Horn Antenna Schwarzbeck	BBHA9120D	E1A1017	Aug.26, 2019
Preamplifier Agilent	8447D	E1A2001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

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

DC 12V mode

Position: Horizontal

Test Graph

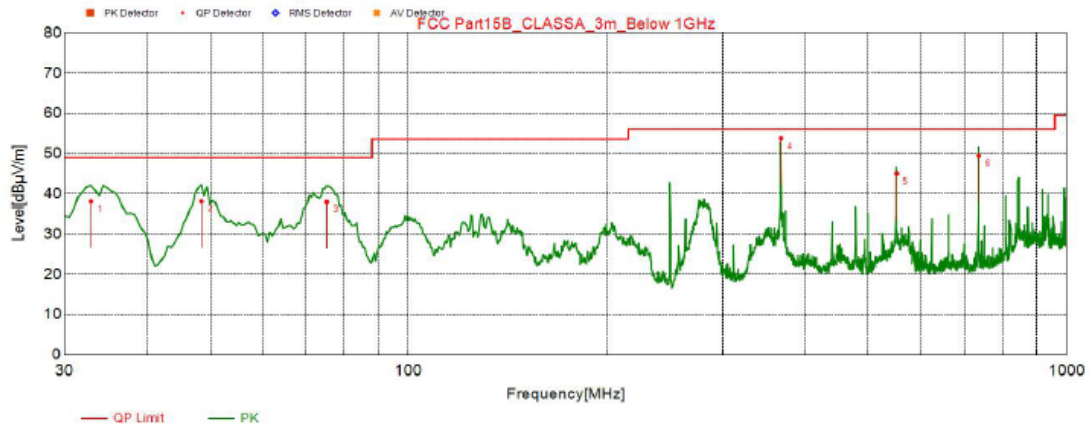


Final Data List

NO.	Freq. [MHz]	QP Value [dBμV]	Factor [dB]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	147.370	36.68	-15.3	43.5	6.82	100	125	Horizontal
2	250.000	43.32	-15.68	46.5	3.18	117.7	177.1	Horizontal
3	367.997	44.47	-12.88	46.5	2.03	124.6	202.1	Horizontal
4	551.860	41.38	-10.51	46.5	5.12	100	321	Horizontal
5	735.995	45.81	-7.41	46.5	0.69	124.3	226.7	Horizontal
6	875.355	37.48	-4.71	46.5	9.02	100	296	Horizontal

Position: Vertical

Test Graph



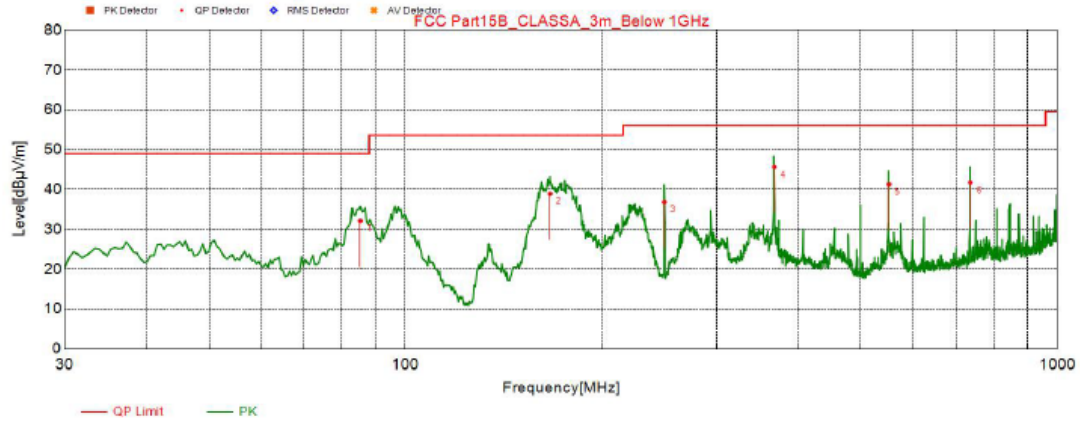
Final Data List

NO.	Freq. [MHz]	QP Value [dBμV]	Factor [dB]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	32.910	38.10	-16.05	49	10.90	100	115	Vertical
2	48.430	38.12	-15.45	49	10.88	100	46	Vertical
3	75.105	37.95	-17.94	49	11.05	100	172	Vertical
4	367.990	53.71	-12.88	56.00	2.29	137.6	143.6	Vertical
5	551.860	44.96	-10.51	56	11.04	100	99	Vertical
6	736.160	49.46	-7.41	56	6.54	100	355	Vertical

POE mode

Position: Horizontal

Test Graph

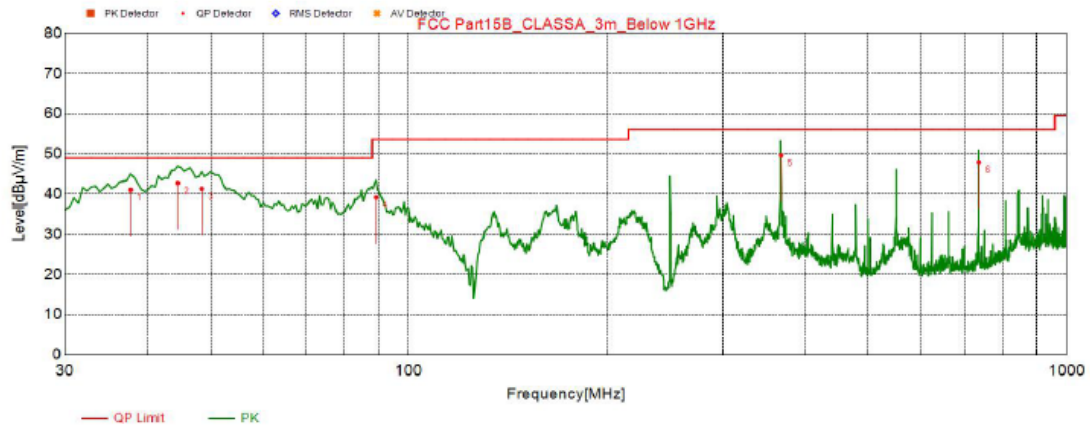


Final Data List

NO.	Freq. [MHz]	QP Value [dBμV]	Factor [dB]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	85.290	32.17	-19.3	49	16.83	200	163	Horizontal
2	166.770	38.91	-14.78	53.5	14.59	200	144	Horizontal
3	249.705	36.79	-15.69	56	19.21	200	289	Horizontal
4	368.045	45.59	-12.88	56	10.41	100	254	Horizontal
5	551.860	41.36	-10.51	56	14.64	200	305	Horizontal
6	736.160	41.78	-7.41	56	14.22	100	233	Horizontal

Position: Vertical

Test Graph



Final Data List

NO.	Freq. [MHz]	QP Value [dBμV]	Factor [dB]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	37.760	41.07	-16.05	49	7.93	100	122	Vertical
2	44.550	42.72	-15.73	49	6.28	100	129	Vertical
3	48.430	41.33	-15.45	49	7.67	100	196	Vertical
4	89.170	39.19	-19.5	53.5	14.31	100	87	Vertical
5	368.045	49.66	-12.88	56	6.34	100	167	Vertical
6	736.160	47.85	-7.41	56	8.15	100	360	Vertical

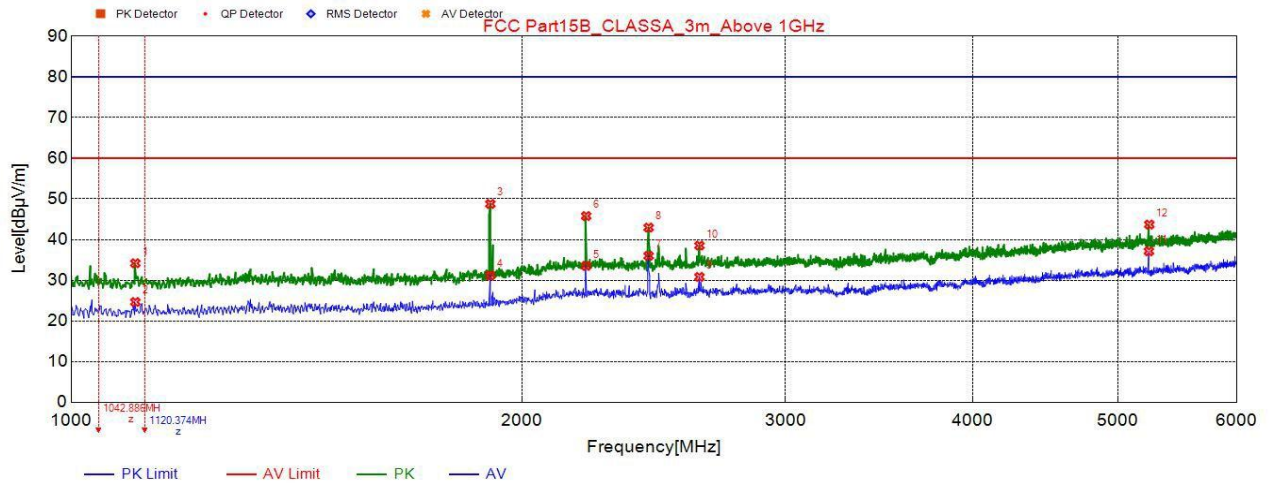


BUREAU
VERITAS

5.6. Test Result and Data (1GHz ~ 6GHz)

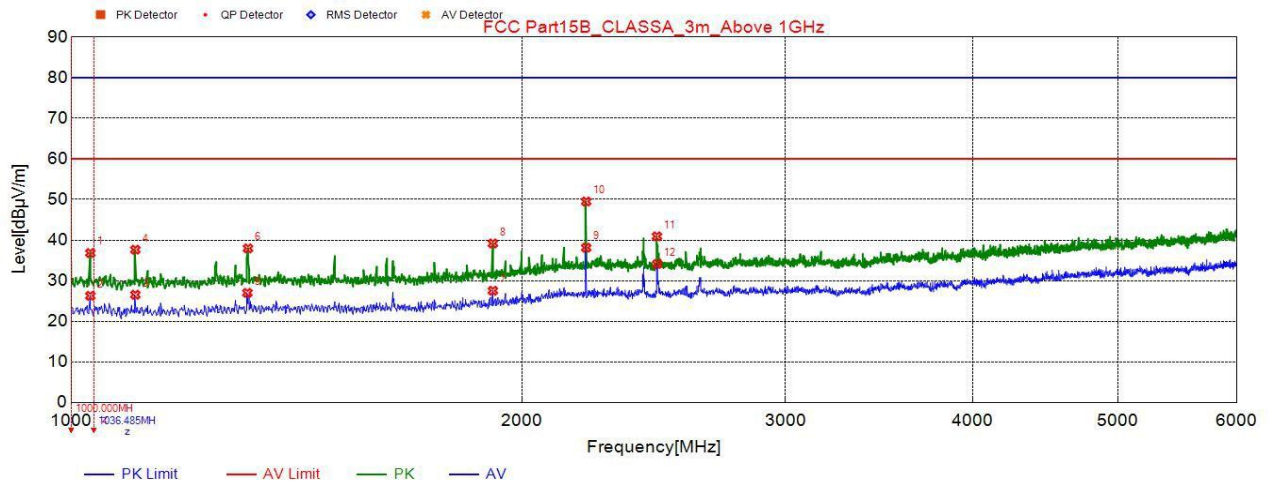
DC 12V mode

Position: Horizontal



Suspected List									
NO.	Freq. [MHz]	Readdi ng [dBμ V/m]	Level [dB μV/m]	Limit [d BμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	1103.	42.07	34.17	80	45.83	200	138	Horizontal	PK
2	1103.	32.54	24.64	60	35.36	200	131	Horizontal	AV
3	1905.	53.17	48.75	80	31.25	100	221	Horizontal	PK
4	1905.	35.59	31.17	60	28.83	100	221	Horizontal	AV
5	2207.	35.10	33.52	60	26.48	100	131	Horizontal	AV
6	2207.	47.36	45.78	80	34.22	200	288	Horizontal	PK
7	2430.	37.65	35.99	60	24.01	200	265	Horizontal	AV
8	2430.	44.59	42.93	80	37.07	200	265	Horizontal	PK
9	2627.	32.16	30.8	60	29.20	200	258	Horizontal	AV
10	2627.	39.87	38.51	80	41.49	200	250	Horizontal	PK
11	5244.	31.91	37.1	60	22.90	100	318	Horizontal	AV
12	5248.	38.49	43.68	80	36.32	100	326	Horizontal	PK

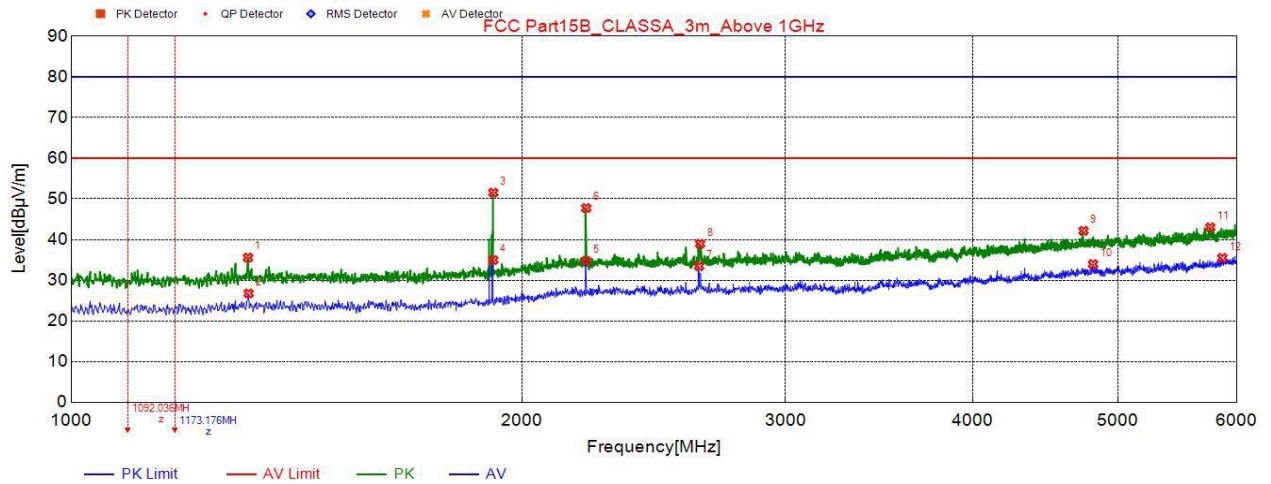
Position: Vertical



Suspected List									
NO.	Freq. [MHz]	Readi ng [dBμ V/m]	Level [dB μV/m]	Limit [d BμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	1030.	44.86	36.8	80	43.20	100	123	Vertical	PK
2	1030.	34.33	26.27	60	33.73	100	64	Vertical	AV
3	1103.	34.42	26.52	60	33.48	100	123	Vertical	AV
4	1103.	45.53	37.63	80	42.37	200	117	Vertical	PK
5	1311.	33.40	26.98	60	33.02	100	19	Vertical	AV
6	1312.	44.37	37.95	80	42.05	100	108	Vertical	PK
7	1912.	31.87	27.52	60	32.48	100	265	Vertical	AV
8	1912.	43.51	39.16	80	40.84	100	265	Vertical	PK
9	2207.	39.70	38.12	60	21.88	100	153	Vertical	AV
10	2207.	51.07	49.49	80	30.51	100	153	Vertical	PK
11	2461.	42.56	40.91	80	39.09	100	116	Vertical	PK
12	2462.	35.77	34.11	60	25.89	100	116	Vertical	AV

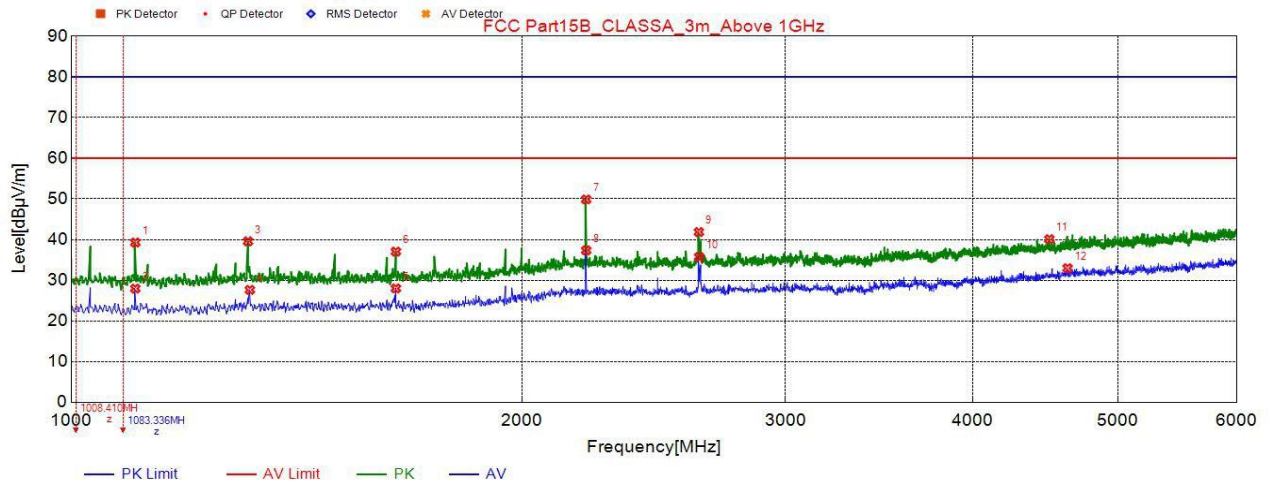
POE mode

Position: Horizontal



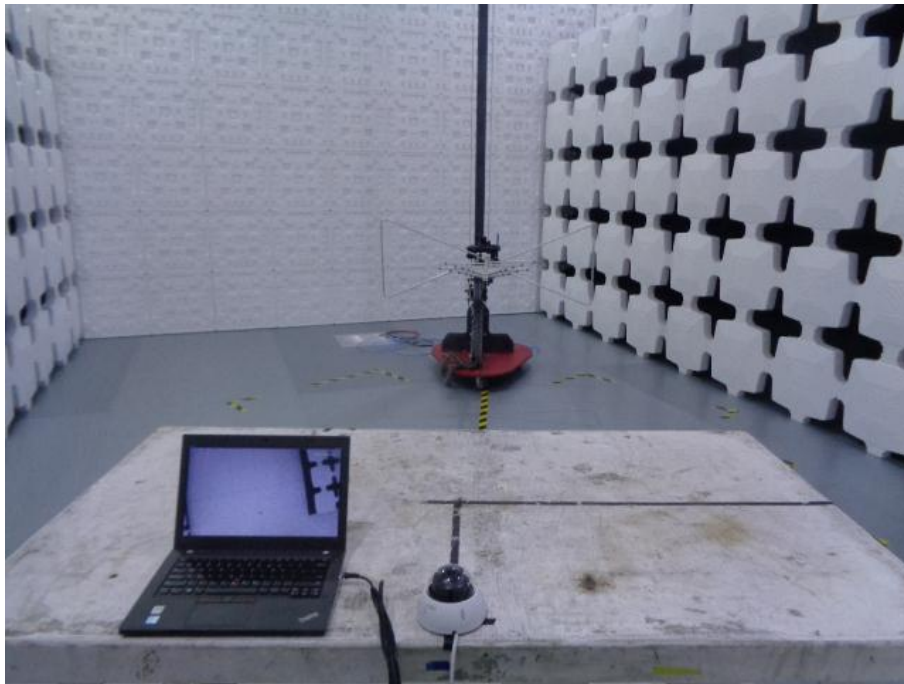
Suspected List									
NO.	Freq. [MHz]	Readding [dBμV/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	1312.	41.98	35.56	80	44.44	100	109	Horizontal	PK
2	1313.	33.15	26.74	60	33.26	100	139	Horizontal	AV
3	1913.	55.86	51.52	80	28.48	100	124	Horizontal	PK
4	1913.	39.31	34.97	60	25.03	100	124	Horizontal	AV
5	2207.	36.33	34.75	60	25.25	200	295	Horizontal	AV
6	2207.	49.32	47.74	80	32.26	200	280	Horizontal	PK
7	2626.	34.80	33.43	60	26.57	200	130	Horizontal	AV
8	2630.	40.32	38.96	80	41.04	200	250	Horizontal	PK
9	4743.	37.95	42.15	80	37.85	100	41	Horizontal	PK
10	4813.	29.55	33.95	60	26.05	200	182	Horizontal	AV
11	5763.	36.47	42.98	80	37.02	100	304	Horizontal	PK
12	5872.	28.58	35.48	60	24.52	200	235	Horizontal	AV

Position: Vertical

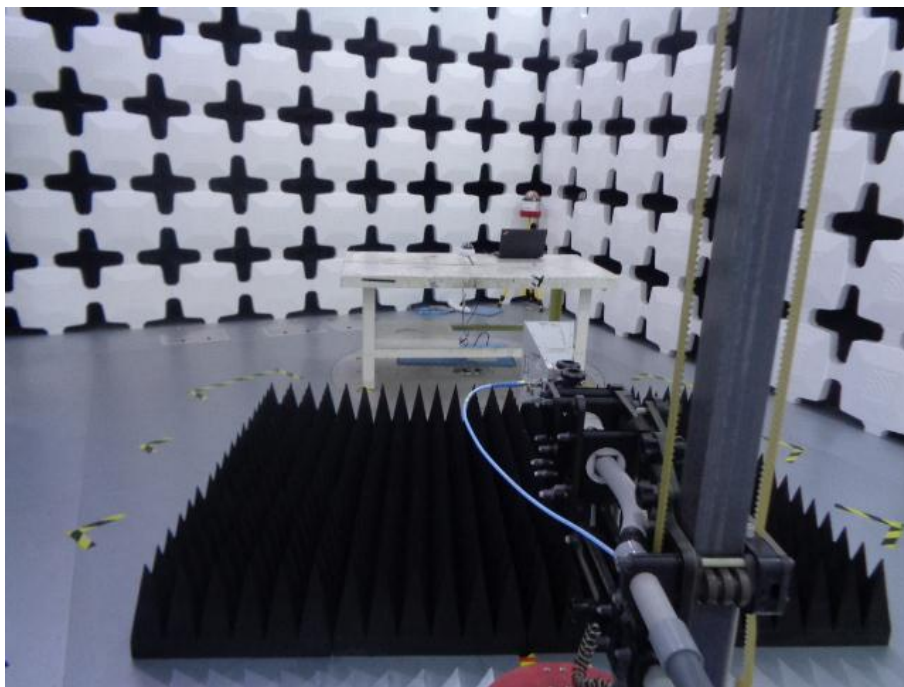
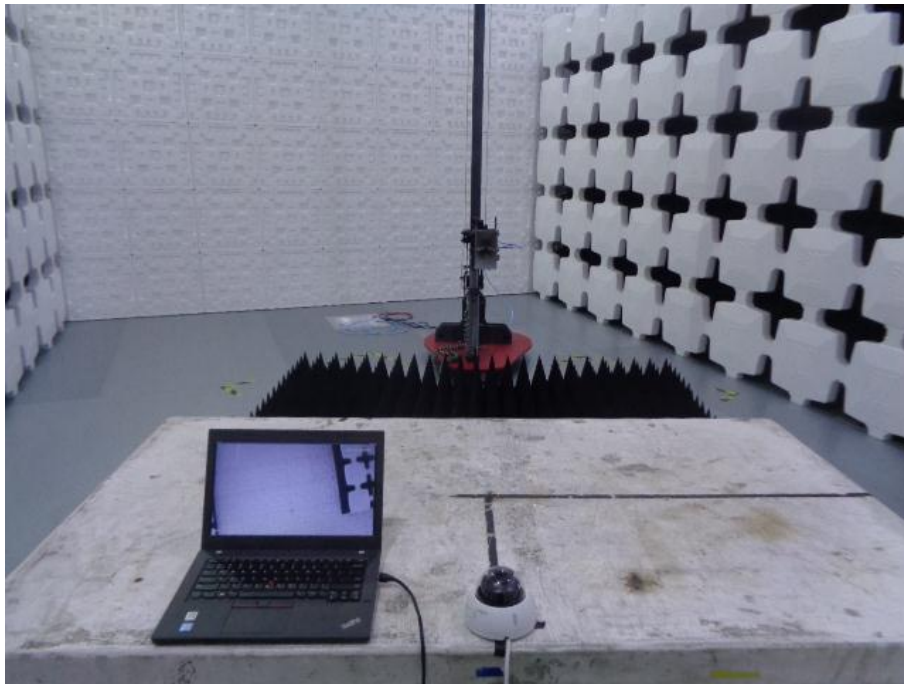


Suspected List									
NO.	Freq. [MHz]	Readdi ng [dBμ V/m]	Level [dB μV/m]	Limit [d BμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	1103.	47.16	39.26	80	40.74	100	12	Vertical	PK
2	1103.	35.84	27.94	60	32.06	100	12	Vertical	AV
3	1312.	45.96	39.54	80	40.46	100	178	Vertical	PK
4	1316.	34.02	27.62	60	32.38	100	291	Vertical	AV
5	1647.	33.71	27.98	60	32.02	100	276	Vertical	AV
6	1647.	42.76	37.03	80	42.97	100	276	Vertical	PK
7	2207.	51.44	49.86	80	30.14	200	100	Vertical	PK
8	2207.	38.92	37.34	60	22.66	100	140	Vertical	AV
9	2625.	43.21	41.84	80	38.16	100	155	Vertical	PK
10	2626.	37.10	35.73	60	24.27	100	178	Vertical	AV
11	4500.	36.84	40.08	80	39.92	200	235	Vertical	PK
12	4628.	29.30	32.95	60	27.05	200	325	Vertical	AV

5.7. Test Photographs (30MHz ~ 1000MHz)



5.8. Test Photographs (1000MHz ~ 6000MHz)



6. Photographs of EUT





--- END ---