



TEST REPORT

Report No.: DHQ-18AP0481VTSPB
Test Model: DH-IPC-HFW2831TP-ZAS
Received: Apr.09, 2018
ISSUED: Apr.23, 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.....	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	5
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-HFW2831TP-ZAS

SERIES MODEL: DH-IPC-HFW2831TN-ZAS; IPC-HFW2831TP-ZAS;
DH-IPC-HFW2831TP-ZAS; IPC-HFW2831TN-ZAS;
DH-IPC-HFW2831T-ZAS; IPC-HFW2831T-ZAS;
DH-IPC-HFW2831TN-ZS; IPC-HFW2831TN-ZS;
DH-IPC-HFW2831TP-ZS; IPC-HFW2831TP-ZS;
DH-IPC-HFW2831T-ZS; IPC-HFW2831T-ZS

APPLICANT: ZHEJIANG DAHUA VISION TECHNOLOGY CO.,LTD.

TESTED: Apr.09 to Apr.23, 2018

STANDARDS: 47 CFR FCC Part15, Subpart B
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:** Apr.23, 2018

Bing YE

Project Engineer

APPROVED BY : Joy ZHU, **DATE:** Apr.23, 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 B requirements
Radiated Emission	47 CFR FCC Part15, Subpart B 15.109	Meets the Class B 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-HFW2831TP-ZAS
Series Model:	DH-IPC-HFW2831TN-ZAS; IPC-HFW2831TP-ZAS; DH-IPC-HFW2831TP-ZAS; IPC-HFW2831TN-ZAS; DH-IPC-HFW2831T-ZAS; IPC-HFW2831T-ZAS; DH-IPC-HFW2831TN-ZS; IPC-HFW2831TN-ZS; DH-IPC-HFW2831TP-ZS; IPC-HFW2831TP-ZS; DH-IPC-HFW2831T-ZS; IPC-HFW2831T-ZS
Model Discrepancy:	All models have same internal structure, just different appearance and model name.
EUT Power Rating:	DC12V/2A; or POE+(802.3at, 43-57V), 0.6A

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	--	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.



4.4. Measurement Equipment

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED UNTIL
Test Receiver ROHDE & SCHWARZ	ESCS30	E1R1001	Mar.05, 2019
LISN ROHDE & SCHWARZ	ENV216	E1L1011	Jul.24, 2018
LISN ROHDE & SCHWARZ	ENV4200	E1L1012	Jul.24, 2018
LISN	ISNT800	E1C4010	Sep.20, 2018
LISN	ISNT8-CAT6	E1C4011	Sep.20, 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: 4/14/2018

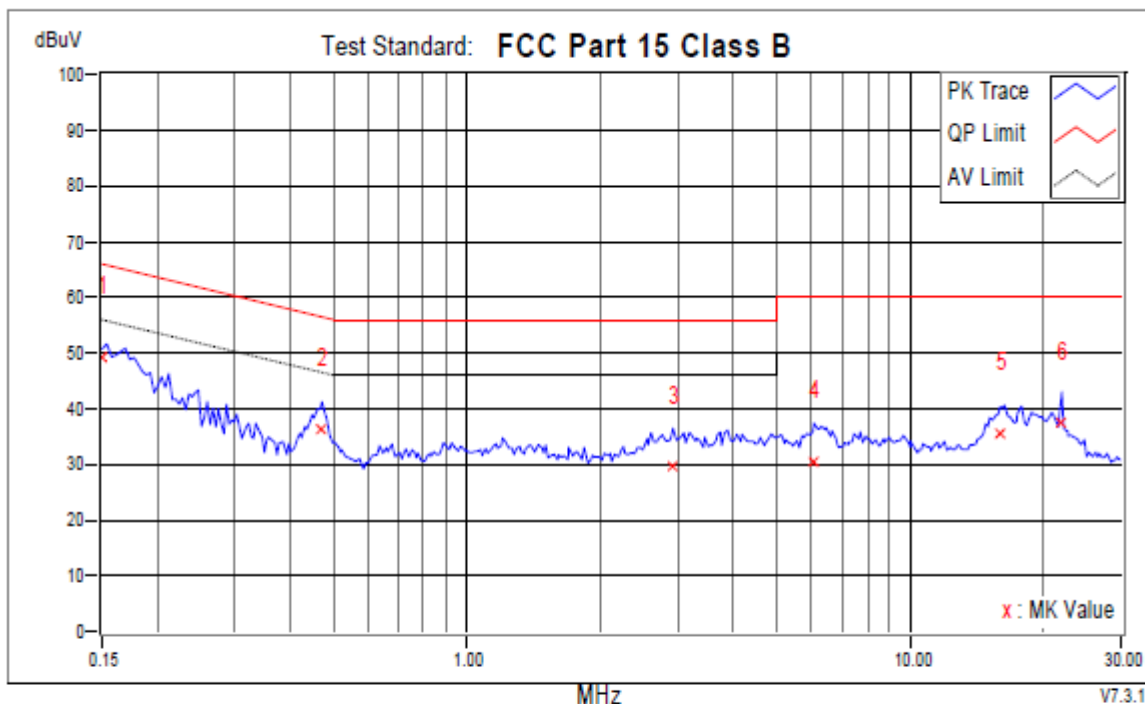
Time: 10:40:05 AM

Phase L1

Temperature (C): 22

Humidity (%): 54

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	10.60	38.59	20.17	49.19	30.77	66.00	56.00	-16.81	-25.23	
2	0.47062	10.40	26.11	16.61	36.51	27.01	56.50	46.50	-19.99	-19.49	
3	2.91590	10.40	19.38	12.87	29.78	23.27	56.00	46.00	-26.22	-22.73	
4	6.06345	10.40	20.21	14.19	30.61	24.59	60.00	50.00	-29.39	-25.41	
5	15.94320	10.80	24.56	19.76	35.36	30.56	60.00	50.00	-24.64	-19.44	
6	21.99588	10.80	26.82	16.46	37.62	27.26	60.00	50.00	-22.38	-22.74	

REMARKS:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level - Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value.

Phase : NEUTRAL

Location: Conduction 1

Date: 4/14/2018

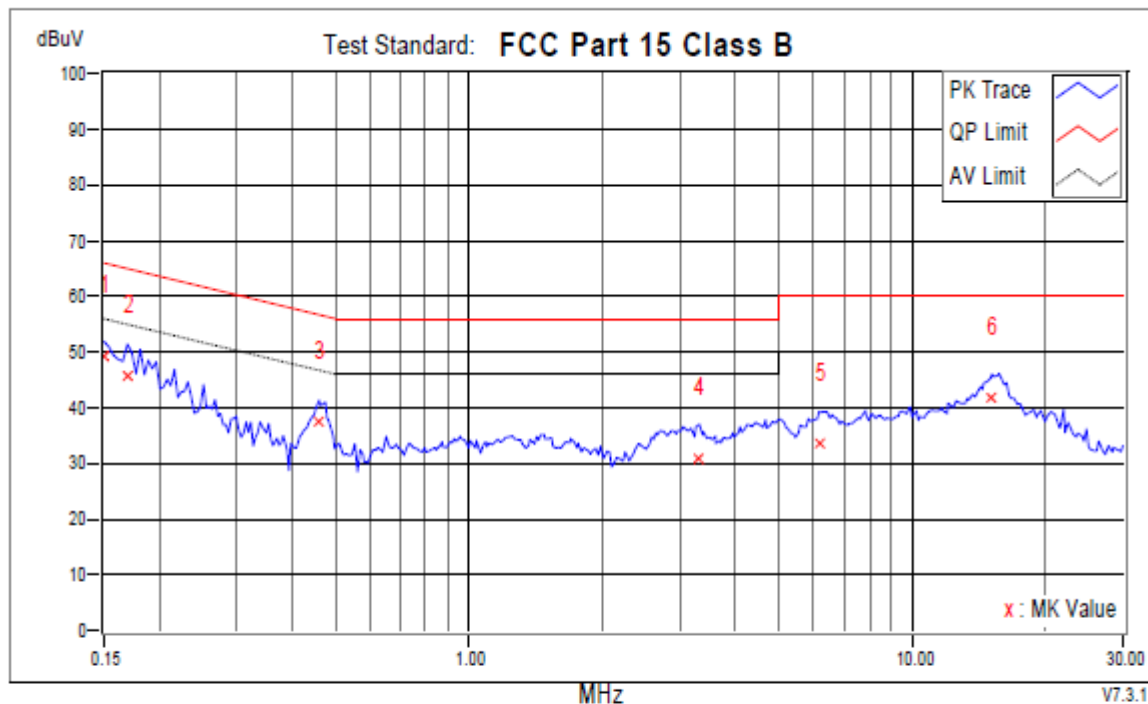
Time: 10:43:39 AM

Phase N

Temperature (C): 22

Humidity (%): 54

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	10.40	38.77	20.35	49.17	30.75	66.00	56.00	-16.83	-25.25	
2	0.16955	10.48	35.13	18.03	45.61	28.51	64.98	54.98	-19.37	-26.47	
3	0.45889	10.40	27.28	17.86	37.68	28.26	56.71	46.71	-19.03	-18.45	
4	3.31081	10.40	20.27	13.74	30.67	24.14	56.00	46.00	-25.33	-21.86	
5	6.16511	10.47	23.14	16.88	33.61	27.35	60.00	50.00	-26.39	-22.65	
+6	15.12210	10.90	31.00	26.54	41.90	37.44	60.00	50.00	-18.10	-12.56	

REMARKS:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level - Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value.

For POE port test on POE adapter

Phase : LINE

Location: Conduction 1

Date: 4/14/2018

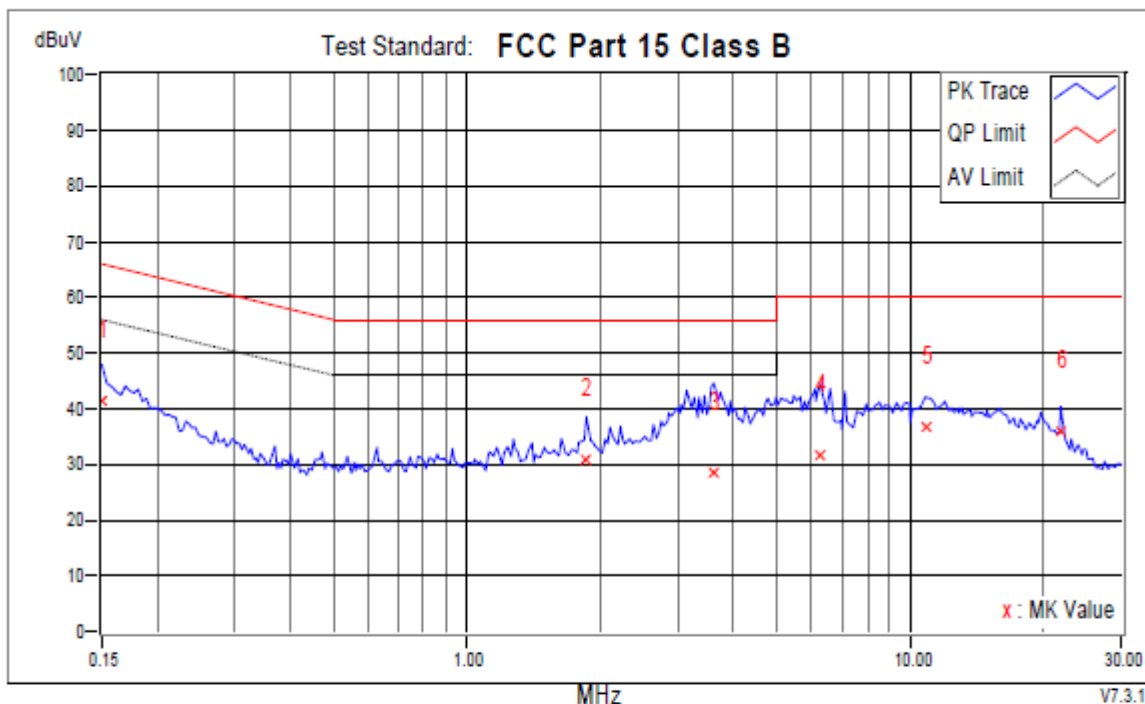
Time: 11:03:09 AM

Phase L1

Temperatuer (C): 22

Humidity (%): 54

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	10.60	30.82	11.84	41.42	22.44	66.00	56.00	-24.58	-33.56	
2	1.86020	10.40	20.51	15.98	30.91	26.38	56.00	46.00	-25.09	-19.62	
3	3.60406	10.40	18.03	8.72	28.43	19.12	56.00	46.00	-27.57	-26.88	
4	6.25895	10.40	21.14	14.95	31.54	25.35	60.00	50.00	-28.46	-24.65	
+5	10.82110	10.63	25.92	20.69	36.55	31.32	60.00	50.00	-23.45	-18.68	
6	21.85512	10.80	25.11	15.72	35.91	26.52	60.00	50.00	-24.09	-23.48	

REMARKS:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level - Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value.

Phase : NEUTRAL

Location: Conduction 1

Date: 4/14/2018

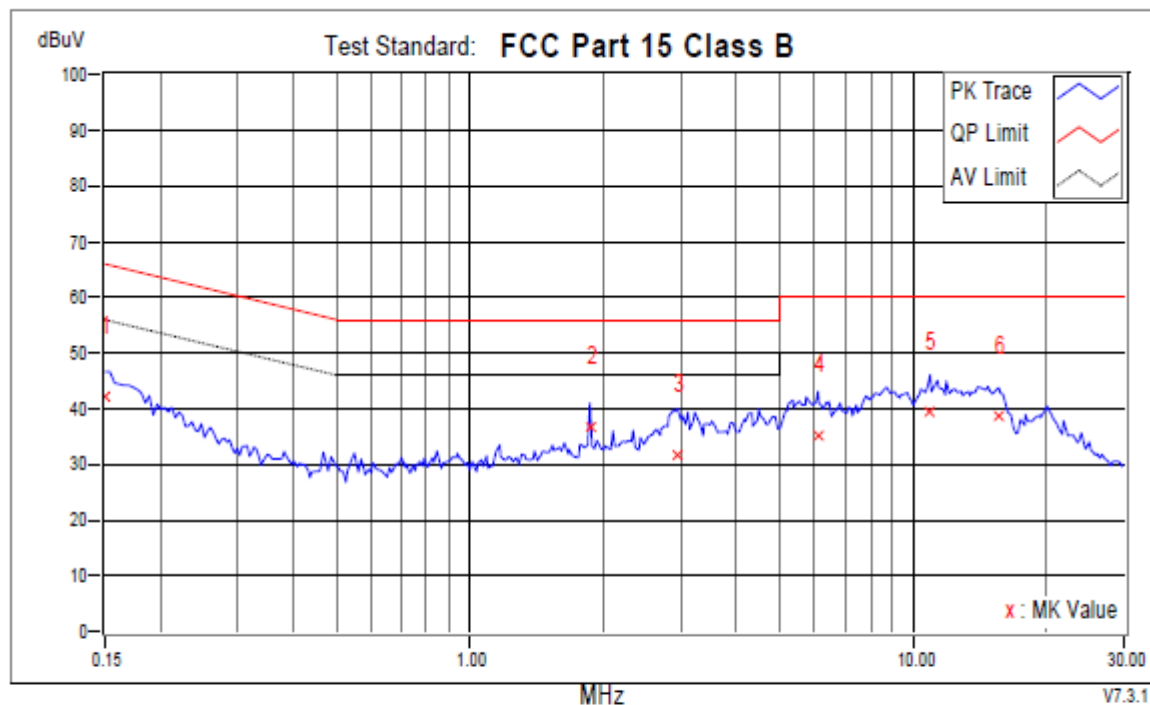
Time: 10:56:47 AM

Phase N

Temperature (C): 22

Humidity (%): 54

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	10.40	31.83	11.67	42.23	22.07	66.00	56.00	-23.77	-33.93	
+2	1.86411	10.40	26.47	25.77	36.87	36.17	56.00	46.00	-19.13	-9.83	
3	2.94718	10.40	21.29	13.50	31.69	23.90	56.00	46.00	-24.31	-22.10	
4	6.10255	10.47	24.68	18.79	35.15	29.26	60.00	50.00	-24.85	-20.74	
5	10.92276	10.66	28.97	23.76	39.63	34.42	60.00	50.00	-20.37	-15.58	
6	15.62649	10.90	27.84	22.20	38.74	33.10	60.00	50.00	-21.26	-16.90	

REMARKS:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level - Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value.

4.6. Test Photographs





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

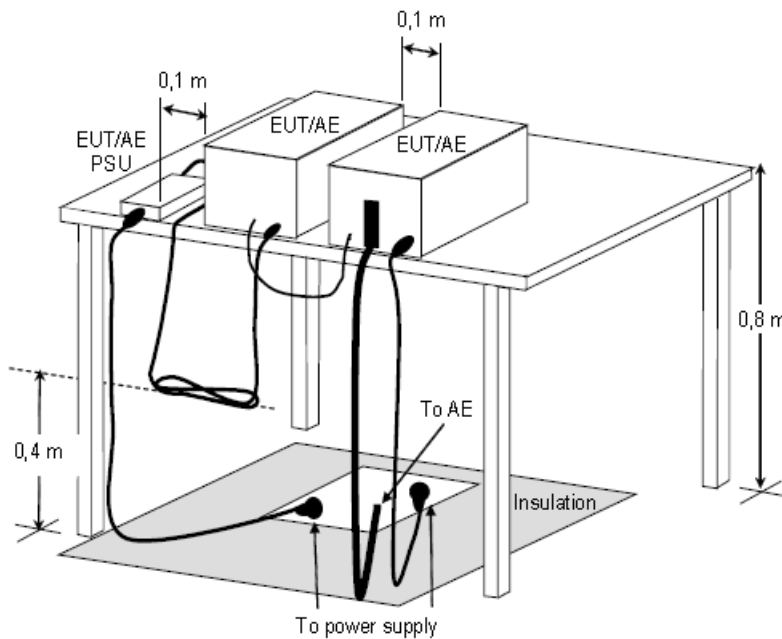
FREQUENCY (MHz)	Class A ($\text{dB}\mu\text{V/m}$) (at 3m)		Class B ($\text{dB}\mu\text{V/m}$) (at 3m)	
	PEAK	AVERAGE	PEAK	AVERAGE
Above 1000	80.0	60.0	74.0	54.0

- 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

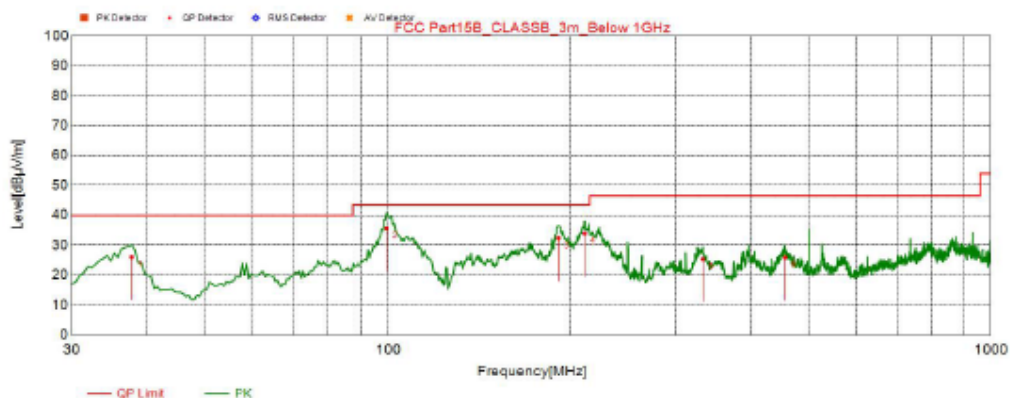
DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED UNTIL
EMI Test Spectrum ROHDE & SCHWARZ	ESR7	E1R1005	Dec.04, 2018
Broad-Band Antenna Schwarzbeck	VULB9168	E1A1001	Feb.27, 2019
Double Riaged Vroadband Horn Antenna Schwarzbeck	BBHA9120D	E1A1017	Aug.26, 2019
Preamplifier Agilent	8447D	E1A2001	Oct.18, 2018
Preamplifier Agilent	8449B	E1A2002	Mar.26, 2019

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

DC 12V mode

Position: Horizontal

Test Graph



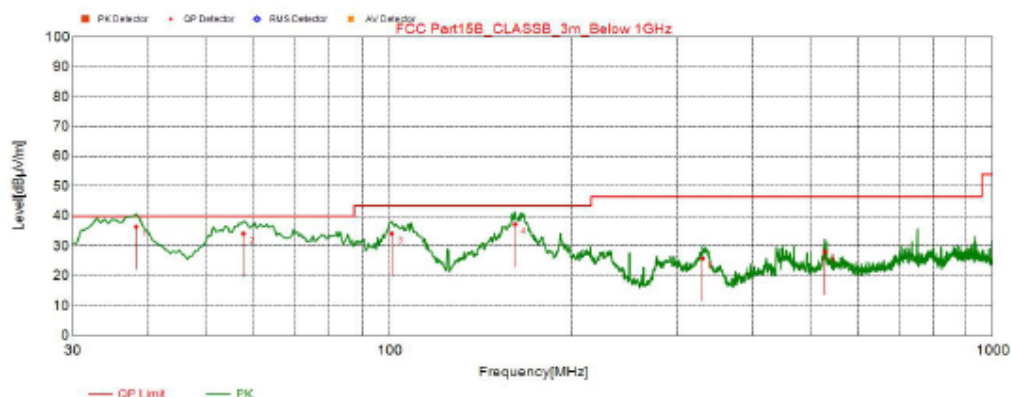
Final Data List									
NO.	Freq. [MHz]	QP Reading[dB μV/m]	Factor [dB]	QP Value[dB μV]	QP Limit[dB μV/m]	QP Margin[dB]	Height [cm]	Angle [°]	Polarity
1	37.760	43.56	-17.47	26.09	40	13.91	200	133	Horizontal
2	99.355	55.78	-20.09	35.69	43.5	7.81	212.3	173	Horizontal
3	191.505	50.80	-18.36	32.44	43.5	11.06	100	100	Horizontal
4	211.875	52.67	-18.68	33.99	43.5	9.51	100	131	Horizontal
5	332.640	40.42	-15.04	25.38	46.5	21.12	100	105	Horizontal
6	455.830	38.17	-12.2	25.97	46.5	20.53	100	75	Horizontal

REMARKS:

1. Q.P. is abbreviation of quasi-peak individually.
2. The emission levels of other frequencies were very low against the limit.
3. QP Margin value = QP Limit value – QP value
4. Factor = Antenna Factor + Amplifier Factor + Cable loss
5. QP value = Factor + Reading Value.

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	38.245	52.52	-16.04	36.48	40	3.52	126.3	106	Vertical
2	57.645	50.48	-16.28	34.20	40	5.80	100	253	Vertical
3	100.810	52.60	-18.4	34.20	43.5	9.30	100	257	Vertical
4	161.435	52.22	-14.9	37.32	43.5	6.18	100	344	Vertical
5	330.215	39.38	-13.53	25.85	46.5	20.65	100	85	Vertical
6	527.125	38.59	-10.44	28.15	46.5	18.35	100	229	Vertical

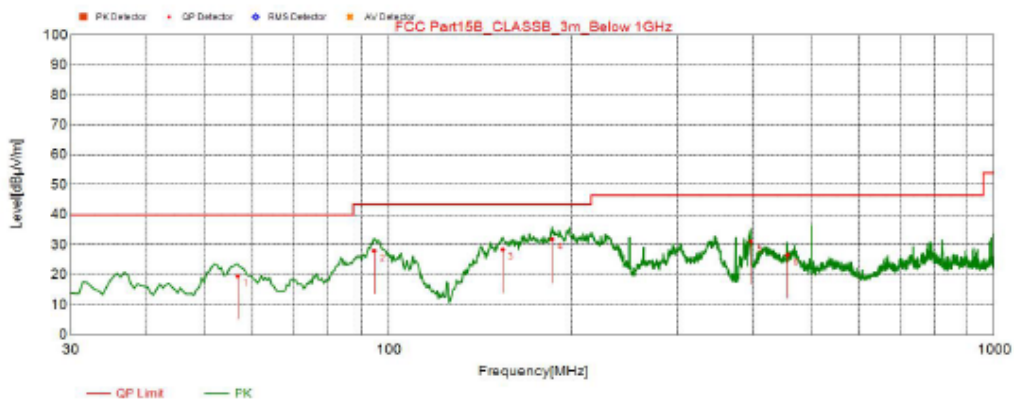
REMARKS:

1. Q.P. is abbreviation of quasi-peak individually.
2. The emission levels of other frequencies were very low against the limit.
3. QP Margin value = QP Limit value – QP value
4. Factor = Antenna Factor + Amplifier Factor + Cable loss
5. QP value = Factor + Reading Value.

POE mode

Position: Horizontal

Test Graph



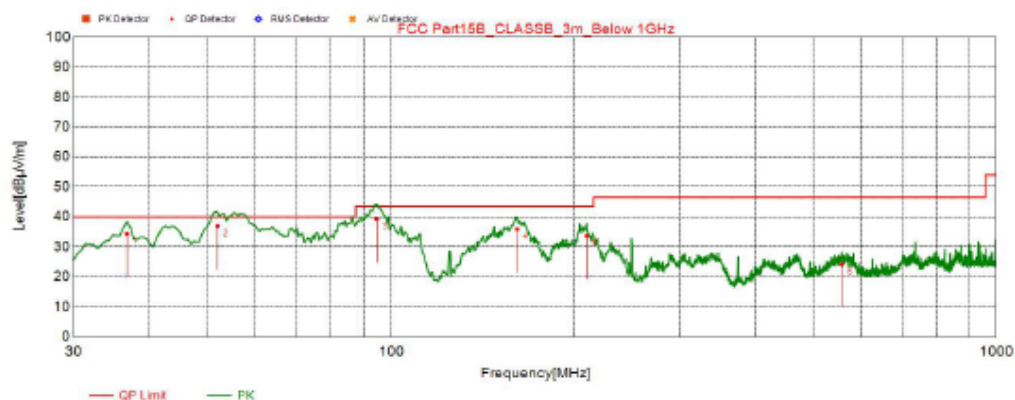
Final Data List									
NO.	Freq. [MHz]	QP Reading [dB μ V/m]	Factor [dB]	QP Value [dB μ V]	QP Limit [dB μ V/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	56.675	37.22	-17.63	19.59	40	20.41	100	83	Horizontal
2	94.505	48.61	-20.59	28.02	43.5	15.48	200	244	Horizontal
3	154.160	44.87	-16.46	28.41	43.5	15.09	200	114	Horizontal
4	186.170	49.63	-17.77	31.86	43.5	11.64	200	104	Horizontal
5	396.660	44.54	-13.35	31.19	46.5	15.31	200	104	Horizontal
6	455.830	38.82	-12.2	26.62	46.5	19.88	200	81	Horizontal

REMARKS:

1. Q.P. is abbreviation of quasi-peak individually.
2. The emission levels of other frequencies were very low against the limit.
3. QP Margin value = QP Limit value – QP value
4. Factor = Antenna Factor + Amplifier Factor + Cable loss
5. QP value = Factor + Reading Value.

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	36.790	50.44	-16.05	34.39	40	5.61	100	211	Vertical
2	51.890	52.52	-15.59	36.94	40	3.06	133.4	19.8	Vertical
3	94.505	58.33	-19.05	39.28	43.5	4.22	100	120	Vertical
4	161.435	50.84	-14.9	35.94	43.5	7.56	100	313	Vertical
5	210.420	50.68	-17.02	33.66	43.5	9.84	100	155	Vertical
6	555.740	34.58	-10.39	24.19	46.5	22.31	100	190	Vertical

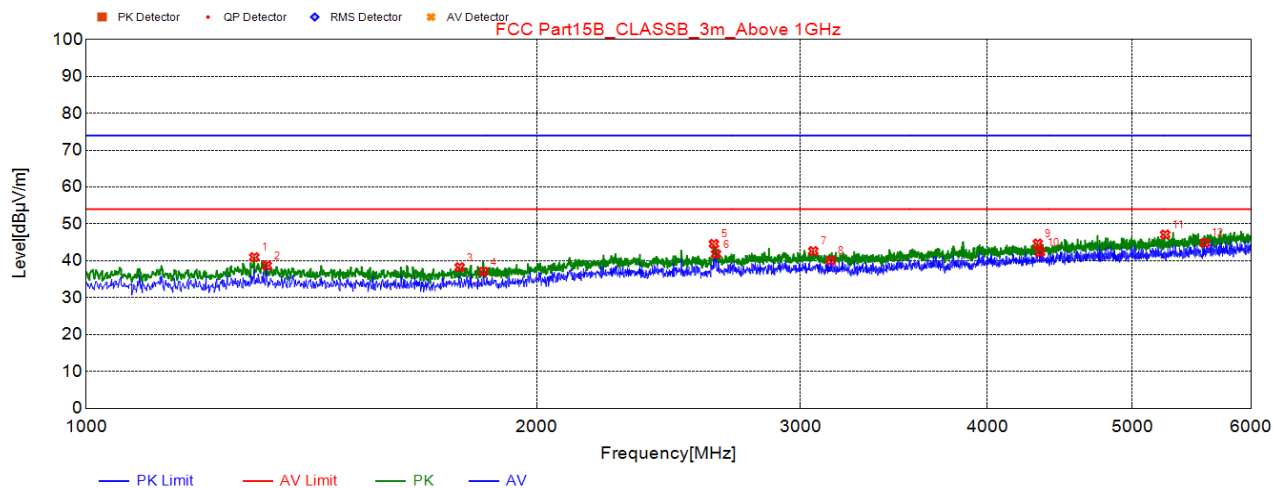
REMARKS:

1. Q.P. is abbreviation of quasi-peak individually.
2. The emission levels of other frequencies were very low against the limit.
3. QP Margin value = QP Limit value – QP value
4. Factor = Antenna Factor + Amplifier Factor + Cable loss
5. QP value = Factor + Reading Value.

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

DC 12V mode

Position: Horizontal

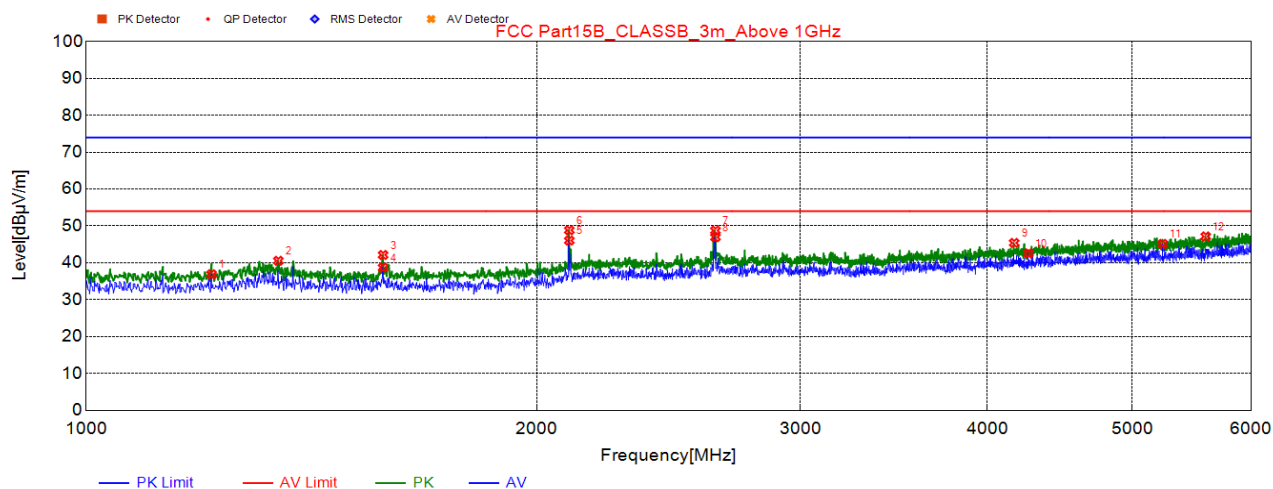


Suspected List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	1295.07	49.61	40.99	74.00	33.01	100	184	Horizontal	PK
2	1320.08	47.23	38.72	54.00	15.28	100	195	Horizontal	AV
3	1776.44	46.22	38.28	74.00	35.72	100	36	Horizontal	PK
4	1842.71	44.71	37.08	54.00	16.92	100	248	Horizontal	AV
5	2626.65	48.42	44.6	74.00	29.40	100	205	Horizontal	PK
6	2635.40	45.68	41.89	54.00	12.11	100	142	Horizontal	AV
7	3060.51	45.51	42.66	74.00	31.34	100	132	Horizontal	PK
8	3144.28	42.91	40.12	54.00	13.88	100	47	Horizontal	AV
9	4323.33	44.66	44.71	74.00	29.29	100	302	Horizontal	PK
10	4338.33	42.24	42.32	54.00	11.68	100	195	Horizontal	AV
11	5259.81	44.85	47.13	74.00	26.87	100	15	Horizontal	PK
12	5591.14	41.96	44.88	54.00	9.12	100	248	Horizontal	AV

REMARKS:

1. The emission levels of other frequencies were very low against the limit.
2. Margin = Limit –Level

Position: Vertical



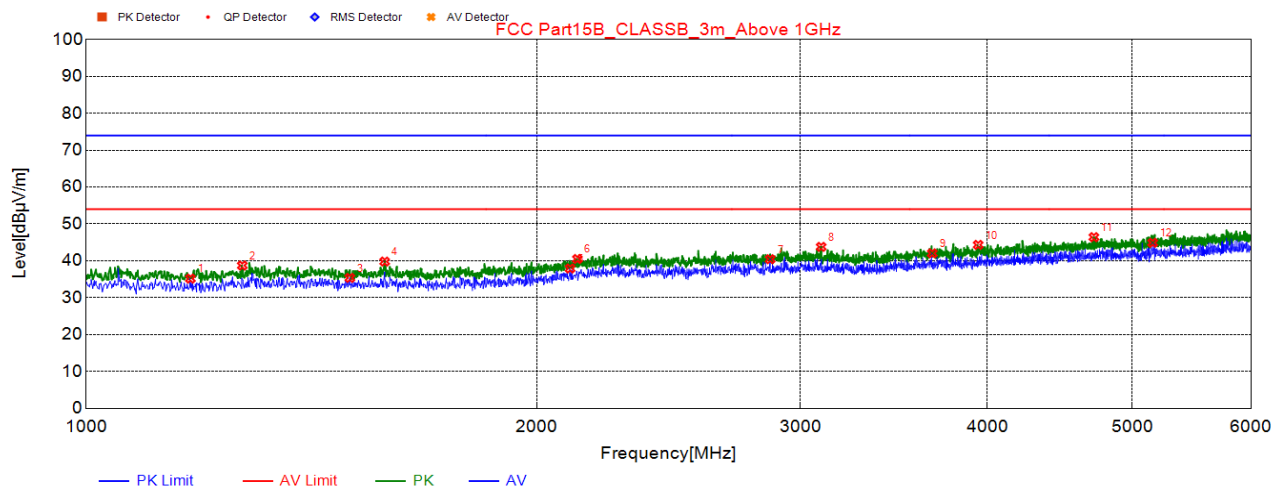
Suspected List									
NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	1212.55	46.26	36.89	54.00	17.11	100	192	Vertical	AV
2	1343.83	48.99	40.56	74.00	33.44	100	359	Vertical	PK
3	1578.89	50.34	42.14	74.00	31.86	100	88	Vertical	PK
4	1578.89	46.91	38.71	54.00	15.29	100	88	Vertical	AV
5	2102.77	51.28	46.04	54.00	7.96	100	109	Vertical	AV
6	2102.77	54.08	48.84	74.00	25.16	100	109	Vertical	PK
7	2632.90	52.56	48.76	74.00	25.24	100	182	Vertical	PK
8	2632.90	50.74	46.94	54.00	7.06	100	171	Vertical	AV
9	4169.54	45.69	45.4	74.00	28.60	100	359	Vertical	PK
10	4262.06	42.67	42.57	54.00	11.43	100	5	Vertical	AV
11	5239.81	42.90	45.13	54.00	8.87	100	285	Vertical	AV
12	5598.65	44.22	47.16	74.00	26.84	100	202	Vertical	PK

REMARKS:

1. The emission levels of other frequencies were very low against the limit.
2. Margin = Limit –Level

POE mode

Position: Horizontal

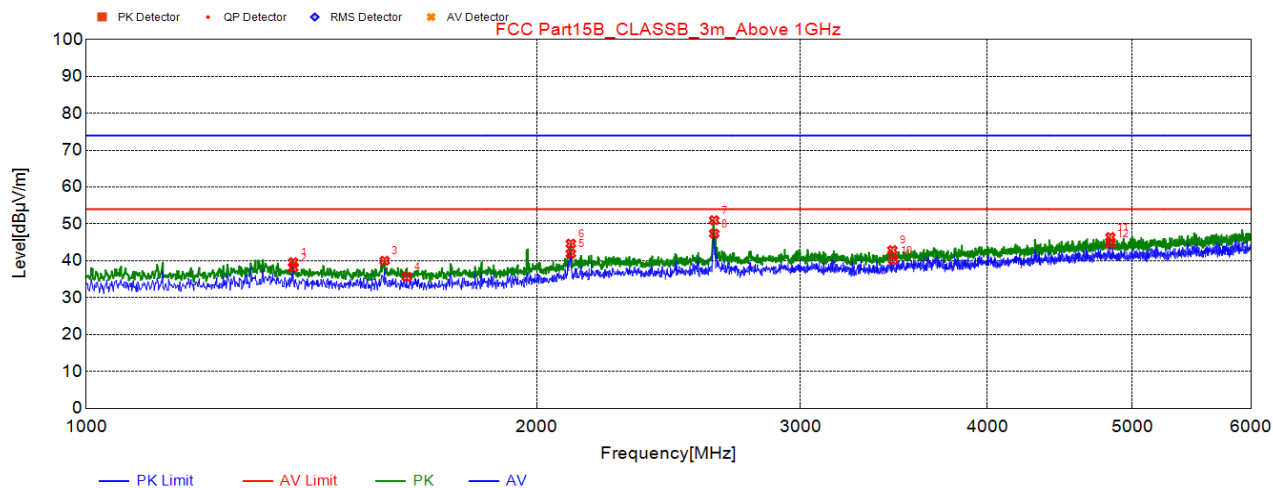


Suspected List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	1375.09	48.53	40.2	74.00	33.80	100	206	Horizontal	PK
2	1375.09	45.85	37.52	54.00	16.48	100	195	Horizontal	AV
3	1648.91	44.69	36.49	54.00	17.51	100	321	Horizontal	AV
4	1663.91	46.59	38.38	74.00	35.62	100	100	Horizontal	PK
5	2635.40	46.12	42.33	54.00	11.67	100	227	Horizontal	AV
6	2635.40	48.38	44.59	74.00	29.41	100	237	Horizontal	PK
7	3096.77	45.47	42.71	74.00	31.29	100	100	Horizontal	PK
8	3206.80	43.25	40.38	54.00	13.62	100	353	Horizontal	AV
9	3603.15	45.42	43.5	74.00	30.50	100	353	Horizontal	PK
10	3668.16	43.82	42.07	54.00	11.93	100	311	Horizontal	AV
11	5076.01	42.77	44.73	54.00	9.27	100	68	Horizontal	AV
12	5369.84	45.11	47.59	74.00	26.41	100	100	Horizontal	PK

REMARKS:

1. The emission levels of other frequencies were very low against the limit.
2. Margin = Limit –Level

Position: Vertical

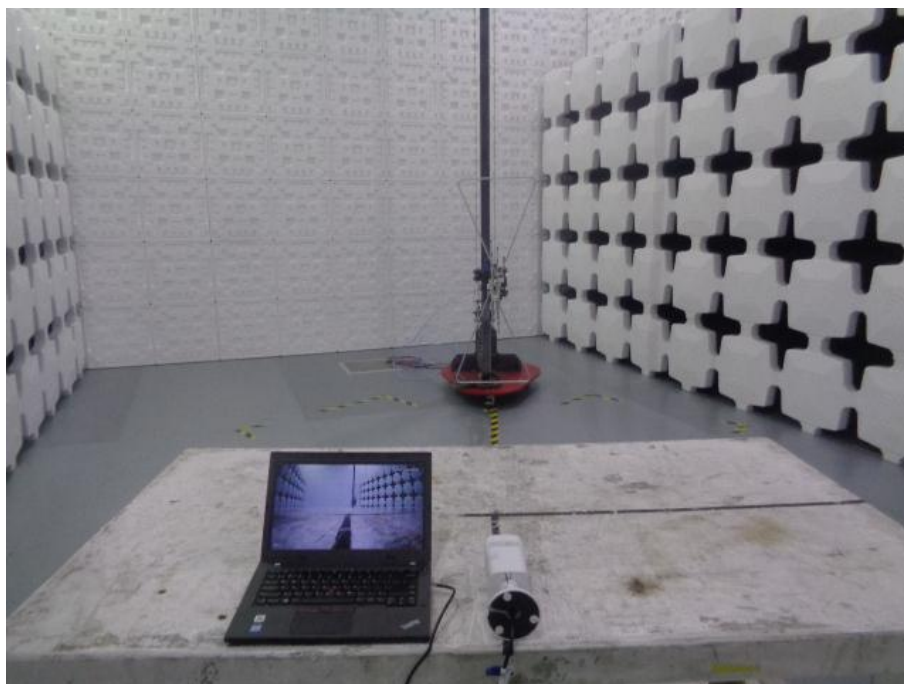


Suspected List									
NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	1375.09	47.96	39.63	74.00	34.37	100	85	Vertical	PK
2	1375.09	46.47	38.14	54.00	15.86	100	96	Vertical	AV
3	1582.64	48.22	40.03	74.00	33.97	100	149	Vertical	PK
4	1637.65	43.85	35.66	54.00	18.34	100	22	Vertical	AV
5	2107.77	47.17	41.97	54.00	12.03	100	96	Vertical	AV
6	2107.77	49.86	44.66	74.00	29.34	100	85	Vertical	PK
7	2627.90	54.82	51.01	74.00	22.99	100	149	Vertical	PK
8	2627.90	51.20	47.39	54.00	6.61	100	149	Vertical	AV
9	3456.86	45.50	42.9	74.00	31.10	100	343	Vertical	PK
10	3461.86	42.76	40.2	54.00	13.80	100	42	Vertical	AV
11	4834.70	44.89	46.44	74.00	27.56	100	202	Vertical	PK
12	4834.70	43.13	44.68	54.00	9.32	100	213	Vertical	AV

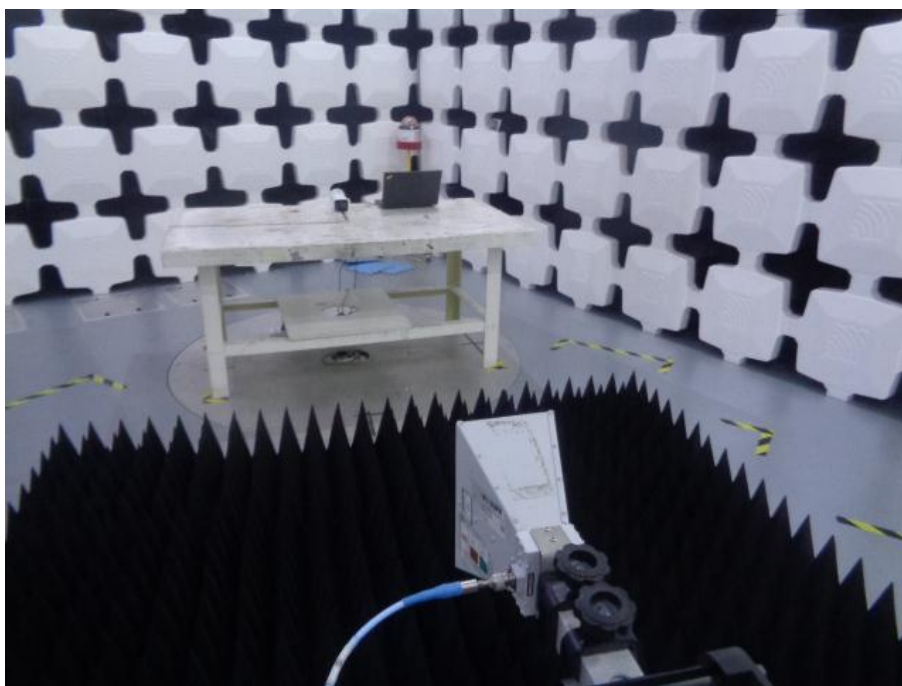
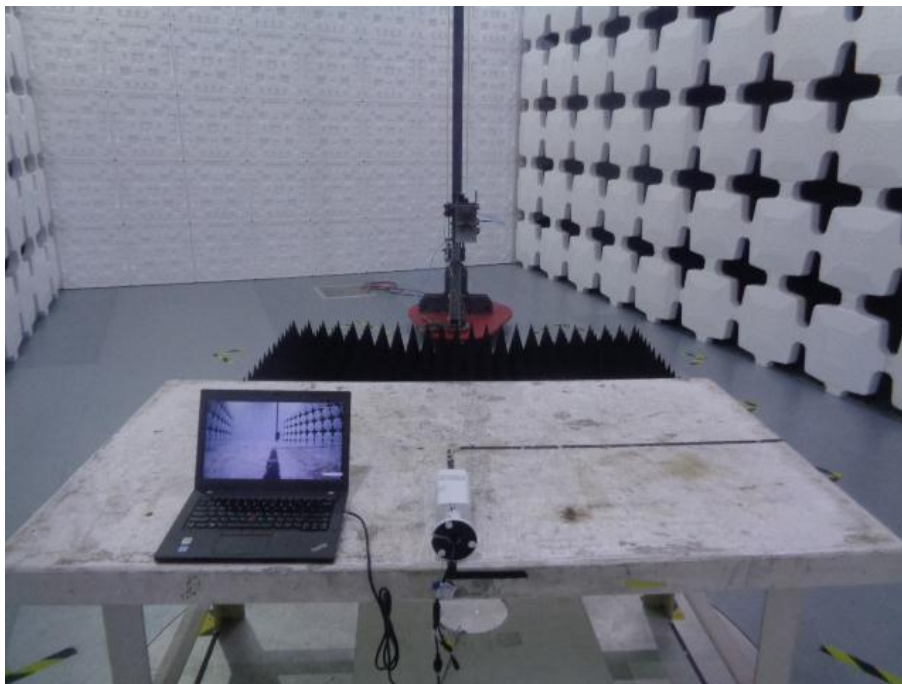
REMARKS:

1. The emission levels of other frequencies were very low against the limit.
2. Margin = Limit –Level

5.7. Test Photographs (30MHz ~ 1000MHz)

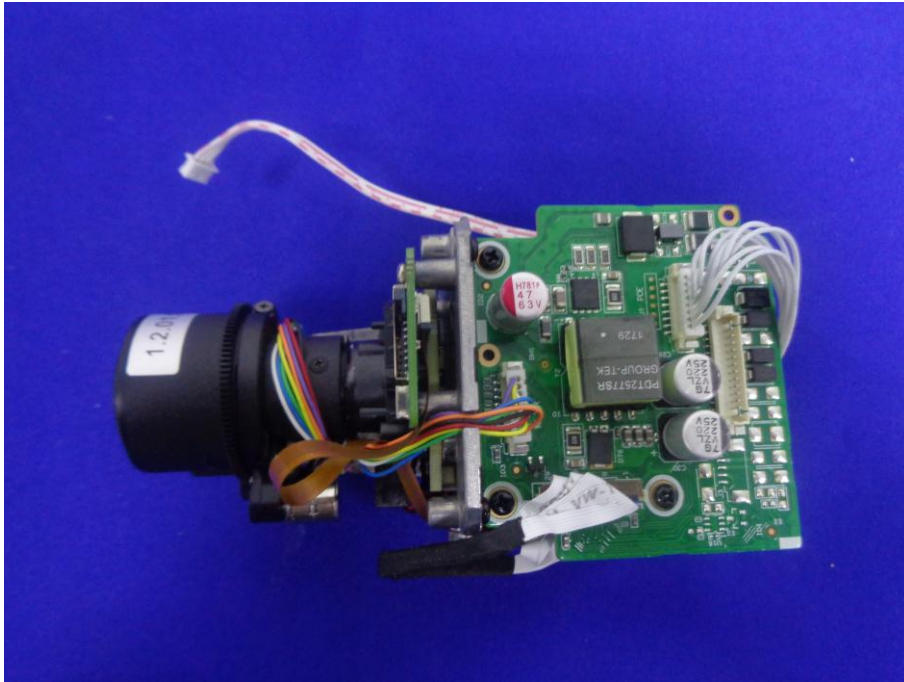


5.8. Test Photographs (1000MHz ~ 6000MHz)



6. Photographs of EUT





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