FCC TEST REPORT

Client Name	:	Anker Innovations Limited
Address	:	Room 1318-19, Hollywood Plaza, 610 Nathan Road, Mongkok, Kowloon, Hong Kong
Product Name	:	Floodlight Cam E 2K
Date	:	Jan. 30, 2021

Shenzhen Anbotek Compliance Laboratory Limited

Contents

1. General Information....4
1.1. Client Information....4
1.2. Description of Device (EUT)....4
1.3. Auxiliary Equipment Used During Test....5
1.4. Description of Test Modes....5
1.5. List of channels....5
1.6. Description Of Test Setup....6
1.7. Test Equipment List....7
1.8. Measurement Uncertainty....8
1.9. Description of Test Facility....8
2. Summary of Test Results....9
3. Conducted Emission Test....10
3.1. Test Standard and Limit....10
3.2. Test Setup....10
3.3. Test Procedure....10
3.4. Test Data....10
4. Radiation Spurious Emission and Band Edge....15
4.1. Test Standard and Limit....15
4.2. Test Setup....15
4.3. Test Procedure....16
4.4. Test Data....17
APPENDIX I -- TEST SETUP PHOTOGRAPH....25
APPENDIX II -- EXTERNAL PHOTOGRAPH....25
APPENDIX III -- INTERNAL PHOTOGRAPH....25

TEST REPORT

Applicant	:	Anker Innovations Limited
Manufacturer	:	Anker Innovations Limited
Product Name	:	Floodlight Cam E 2K
Model No.	:	T8422
Trade Mark	:	eufy SECURITY
Rating(s)	:	Input: AC100-240V, 0.35A MAX, 50/60Hz

Test Standard(s)	:	**FCC Part15 Subpart C, Section 15.247**
Test Method(s)	:	**ANSI C63.10: 2013, KDB558074 D01 DTS Meas Guidance v05r02**

The device described above is tested by Shenzhen Anbotek Compliance Laboratory Limited to determine the maximum emission levels emanating from the device and the severe levels of the device can endure and its performance criterion. The measurement results are contained in this test report and Shenzhen Anbotek Compliance Laboratory Limited is assumed full of responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT (Equipment Under Test) is technically compliant with the FCC Part 15 Subpart C requirements.

This report applies to above tested sample only and shall not be reproduced in part without written approval of Shenzhen Anbotek Compliance Laboratory Limited.

Date of Receipt	Dec. 15, 2020
Date of Test	Dec. 15, 2020~Jan. 26, 2021
Prepared By	Yilia Zhong (Engineer / Yilia Zhong)
Reviewer	Bibo Zhang (Supervisor / Bibo Zhang)
Approved & Authorized Signer	Kingkong Jin (Manager / Kingkong Jin)

1. General Information

1.1. Client Information

Applicant	:	Anker Innovations Limited
Address	:	Room 1318-19, Hollywood Plaza, 610 Nathan Road, Mongkok, Kowloon, Hong Kong
Manufacturer	:	Anker Innovations Limited
Address	:	Room 1318-19, Hollywood Plaza, 610 Nathan Road, Mongkok, Kowloon, Hong Kong

1.2. Description of Device (EUT)

Product Name	:	Floodlight Cam E 2K	
Model No.	:	T8422	
Trade Mark	:	eufy SECURITY	
Test Power Supply	:	AC 120V, 60Hz / AC 240V, 60Hz	
Test Sample No.	:	1-2-1(Normal Sample), 1-2-2(Engineering Sample)	
Product Description	:	Operation Frequency:	WIFI: 802.11b/ g/ n(HT20): 2412-2462MHz BLE: 2402-2480MHz
		Transfer Rate:	1 Mbits/s for BLE
		Number of Channel:	11 Channels for 802.11b/ g/ n(HT20) 40 Channels for BLE
		Modulation Type:	802.11b CCK; 802.11g/n OFDM GFSK for BLE
		Antenna Type:	WIFI & BLE: PIFA Antenna
		Antenna Gain(Peak):	WIFI/BLE: 2.6 dBi
Remark: 1) For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual. 2) This report is for BLE only.			

1.3. Auxiliary Equipment Used During Test

N/A		

1.4. Description of Test Modes

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Pretest Mode	Description	
Mode 1	CH00	TX Only
Mode 2	CH19	
Mode 3	CH39	

Note:

(1) The measurements are performed at the highest, middle, lowest available channels.

(2)The data rate was set in 1Mbps for radiated emission due to the highest RF output power.

1.5. List of channels

Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)
00	2402	09	2420	18	2438	27	2456	36	2474
01	2404	10	2422	19	2440	28	2458	37	2476
02	2406	11	2424	20	2442	29	2460	38	2478
03	2408	12	2426	21	2444	30	2462	39	2480
04	2410	13	2428	22	2446	31	2464		
05	2412	14	2430	23	2448	32	2466		
06	2414	15	2432	24	2450	33	2468		
07	2416	16	2434	25	2452	34	2470		
08	2418	17	2436	26	2454	35	2472		

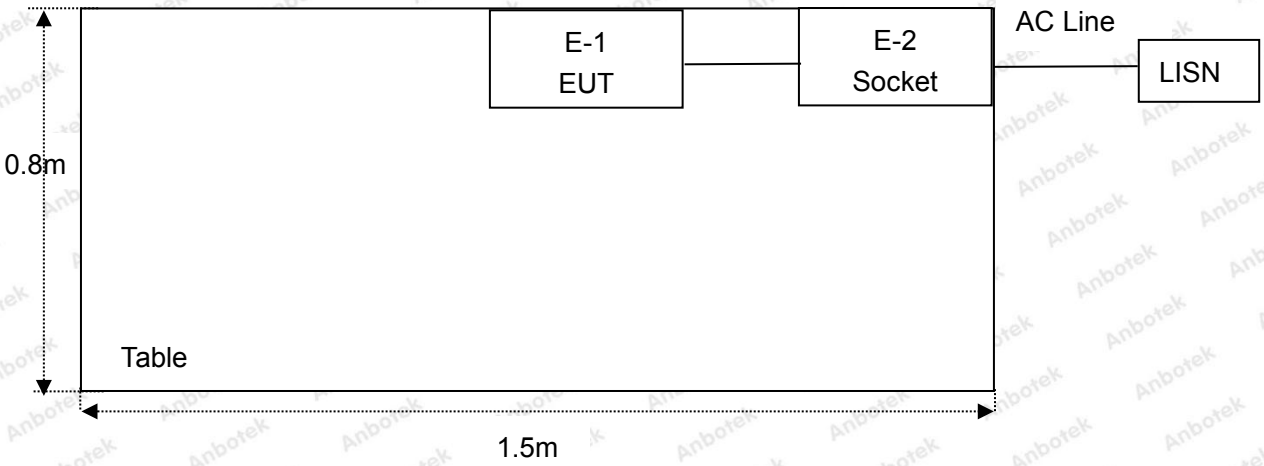
Note:

1. The engineering test program was provided and the EUT was programmed to be in continuously transmitting mode.
2. EUT built-in battery-powered, fully-charged battery use of the test battery.

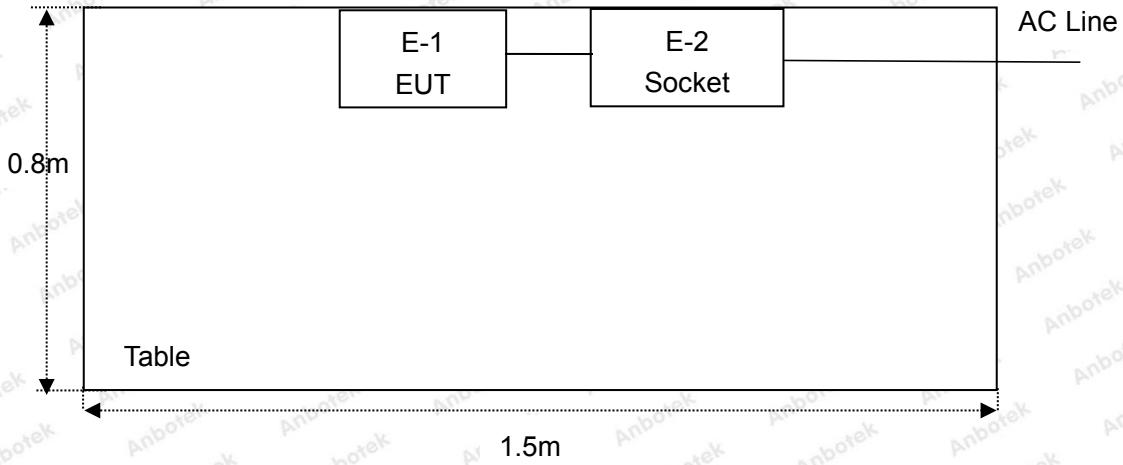
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel:(86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com
Hotline 400-003-0500
www.anbotek.com

1.6. Description Of Test Setup

CE



RE



1.7. Test Equipment List

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	L.I.S.N. Artificial Mains Network	Rohde & Schwarz	ENV216	100055	Oct. 26, 2020	1 Year
2.	EMI Test Receiver	Rohde & Schwarz	ESCI	100627	Oct. 26, 2020	1 Year
3.	EMI Test Receiver	Rohde & Schwarz	ESR26	101481	Oct. 26, 2020	1 Year
4.	RF Switching Unit	Compliance Direction	RSU-M2	38303	Oct. 26, 2020	1 Year
5.	MAX Spectrum Analysis	Agilent	N9020A	MY51170037	Oct. 26, 2020	1 Year
6.	Preamplifier	SKET Electronic	BK1G18G30D	KD17503	Oct. 26, 2020	1 Year
7.	Double Ridged Horn Antenna	Instruments corporation	GTH-0118	351600	Nov. 02, 2020	2 Year
8.	Bilog Broadband Antenna	Schwarzbeck	VULB9163	VULB 9163-289	Nov. 02, 2020	2 Year
9.	Loop Antenna	Schwarzbeck	FMZB1519B	00053	Nov. 02, 2020	2 Year
10.	Horn Antenna	A-INFO	LB-180400-KF	J211060628	Nov. 02, 2020	2 Year
11.	Pre-amplifier	SONOMA	310N	186860	Oct. 26, 2020	1 Year
12.	EMI Test Software EZ-EMC	SHURPLE	N/A	N/A	N/A	N/A
13.	RF Test Control System	YIHENG	YH3000	2017430	Oct. 26, 2020	1 Year
14.	Power Sensor	DAER	RPR3006W	15I00041SN045	Oct. 26, 2020	1 Year
15.	Power Sensor	DAER	RPR3006W	15I00041SN046	Oct. 26, 2020	1 Year
16.	MXA Spectrum Analysis	Agilent	N9020A	MY51170037	Oct. 26, 2020	1 Year
17.	MXG RF Vector Signal Generator	Agilent	N5182A	MY48180656	Oct. 26, 2020	1 Year
18.	Signal Generator	Agilent	E4421B	MY41000743	Oct. 26, 2020	1 Year
19.	DC Power Supply	IVYTECH	IV3605	1804D360510	Oct. 26, 2020	1 Year
20.	Constant Temperature Humidity Chamber	ZHONGJIAN	ZJ-KHWS80B	N/A	Oct. 26, 2020	1 Year

1.8. Measurement Uncertainty

Radiation Uncertainty	:	Ur = 3.9 dB (Horizontal)
		Ur = 3.8 dB (Vertical)
Conduction Uncertainty	:	Uc = 3.4 dB

1.9. Description of Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

FCC-Registration No.: 184111

Shenzhen Anbotek Compliance Laboratory Limited, EMC Laboratory has been registed and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Registration No. 184111, September 30, 2020.

ISED-Registration No.: 8058A

Shenzhen Anbotek Compliance Laboratory Limited, EMC Laboratory has been registered and fully described in a report filed with the (ISED) Innovation, Science and Economic Development Canada. The acceptance letter from the ISED is maintained in our files. Registration 8058A, September 30, 2020.

Test Location

Shenzhen Anbotek Compliance Laboratory Limited.

1/F, Building D, Sogood Science and Technology Park, Sanwei community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.518102

2. Summary of Test Results

Standard Section	Test Item	Result
15.207	Conducted Emission	PASS
15.205/15.209	Spurious Emission	PASS
Remark: “N/A” is an abbreviation for Not Applicable.		

This is a Class II application of the device, the difference between the original device and current one described as following:

(1) Changing the appearance.

(2) Changing the model name to “T8422”.

(3) Changing the Product Name to “Floodlight Cam E 2K”..

(4) Changing a few parts of the Power driver board.

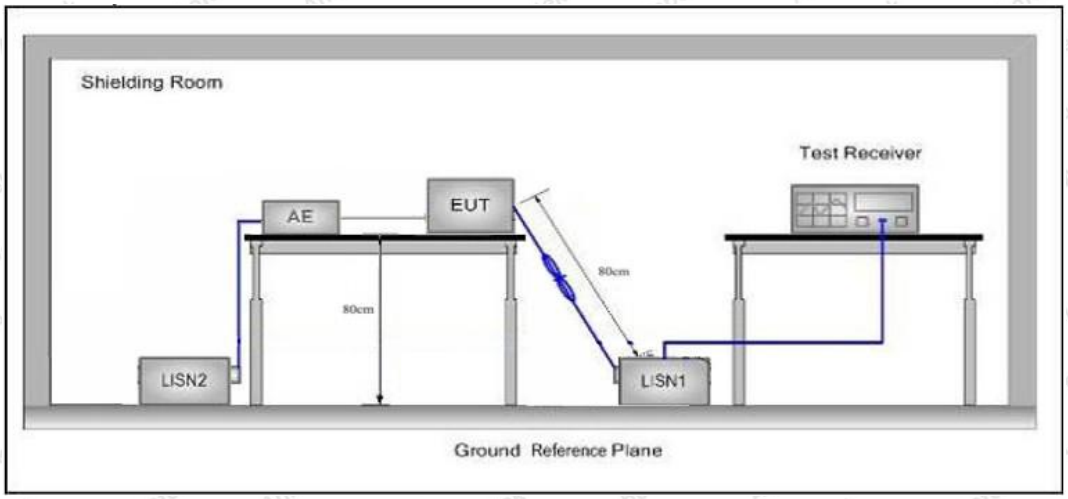
Based on the change made to the device, the spurious emission test items were performed.

3. Conducted Emission Test

3.1. Test Standard and Limit

Test Standard	FCC Part15 Section 15.207		
Test Limit	Frequency	Maximum RF Line Voltage (dBuV)	
		Quasi-peak Level	Average Level
	150kHz~500kHz	66 ~ 56 *	56 ~ 46 *
	500kHz~5MHz	56	46
	5MHz~30MHz	60	50
Remark: (1) *Decreasing linearly with logarithm of the frequency. (2) The lower limit shall apply at the transition frequency.			

3.2. Test Setup



3.3. Test Procedure

The EUT system is connected to the power mains through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm coupling impedance for the EUT system. Please refer the block diagram of the test setup and photographs. Both sides of AC line are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to FCC ANSI C63.10-2013 on Conducted Emission Measurement.

The bandwidth of test receiver (ESCI) set at 9kHz.

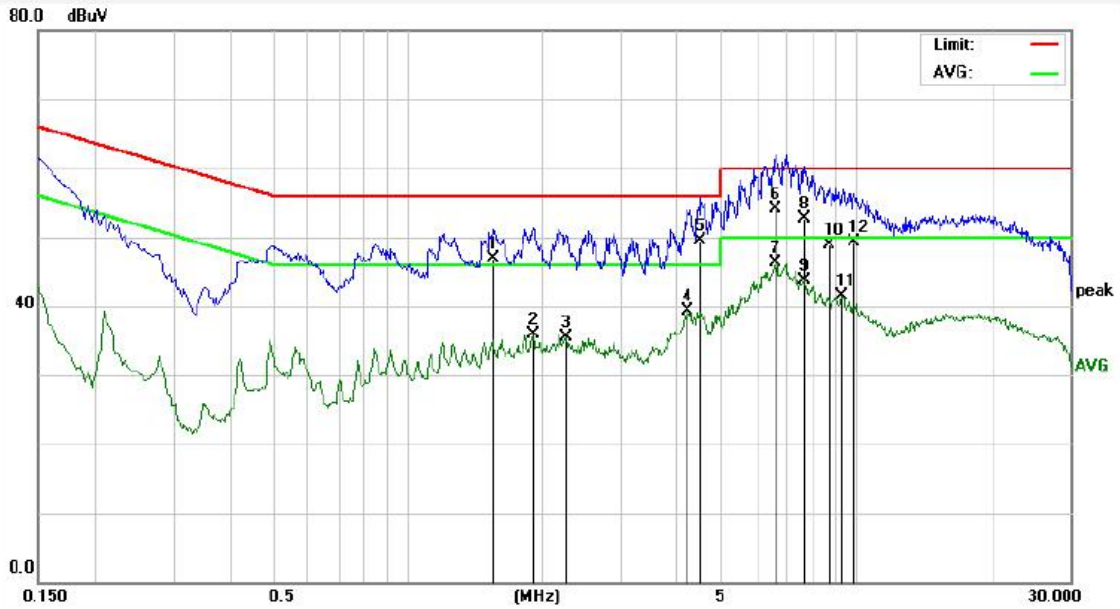
The frequency range from 150kHz to 30MHz is checked.

3.4. Test Data

During the test, pre-scan all modes, and found the “High CH” which is the worst case, only the worst case is recorded in the report.

Conducted Emission Test Data

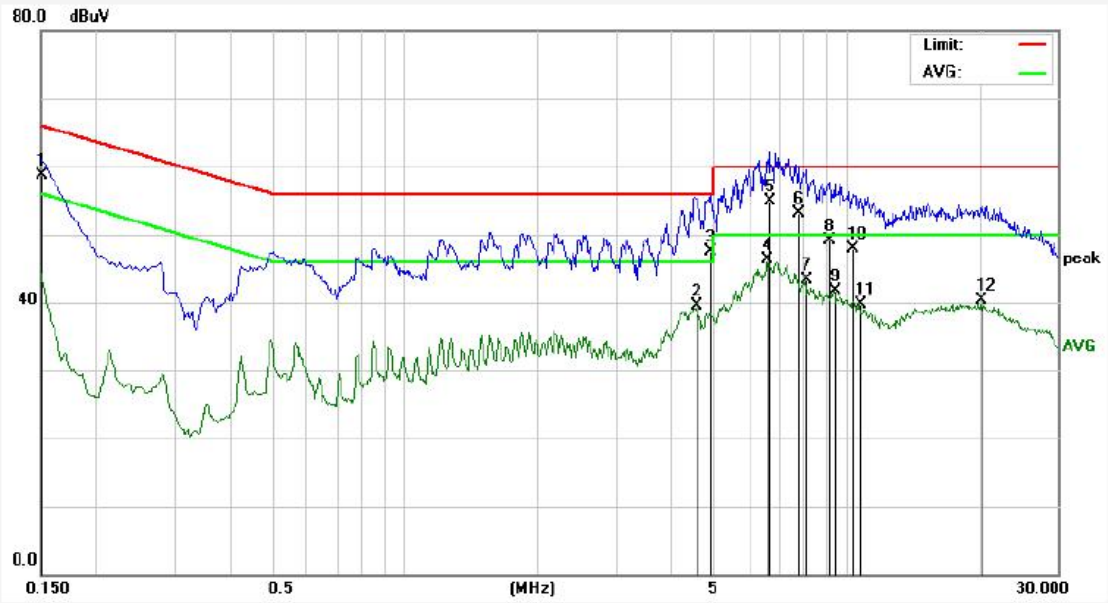
Test Site: 1# Shielded Room
Operating Condition: Mode 3
Test Specification: AC 240V, 60Hz
Comment: Live Line
Tem.: 20.4℃ Hum.: 55%



No.	Freq. (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit (dBuV)	Over Limit (dB)	Detector	Remark
1	1.5460	26.87	20.13	47.00	56.00	-9.00	QP	
2	1.8980	15.69	20.14	35.83	46.00	-10.17	AVG	
3	2.2500	15.28	20.14	35.42	46.00	-10.58	AVG	
4	4.2139	19.02	20.19	39.21	46.00	-6.79	AVG	
5	4.4979	29.32	20.19	49.51	56.00	-6.49	QP	
6	6.6099	33.76	20.25	54.01	60.00	-5.99	QP	
7	6.6099	26.09	20.25	46.34	50.00	-3.66	AVG	
8	7.6539	32.51	20.28	52.79	60.00	-7.21	QP	
9	7.6539	23.33	20.28	43.61	50.00	-6.39	AVG	
10	8.7139	28.55	20.31	48.86	60.00	-11.14	QP	
11	9.2619	21.20	20.32	41.52	50.00	-8.48	AVG	
12	9.8619	28.90	20.34	49.24	60.00	-10.76	QP	

Conducted Emission Test Data

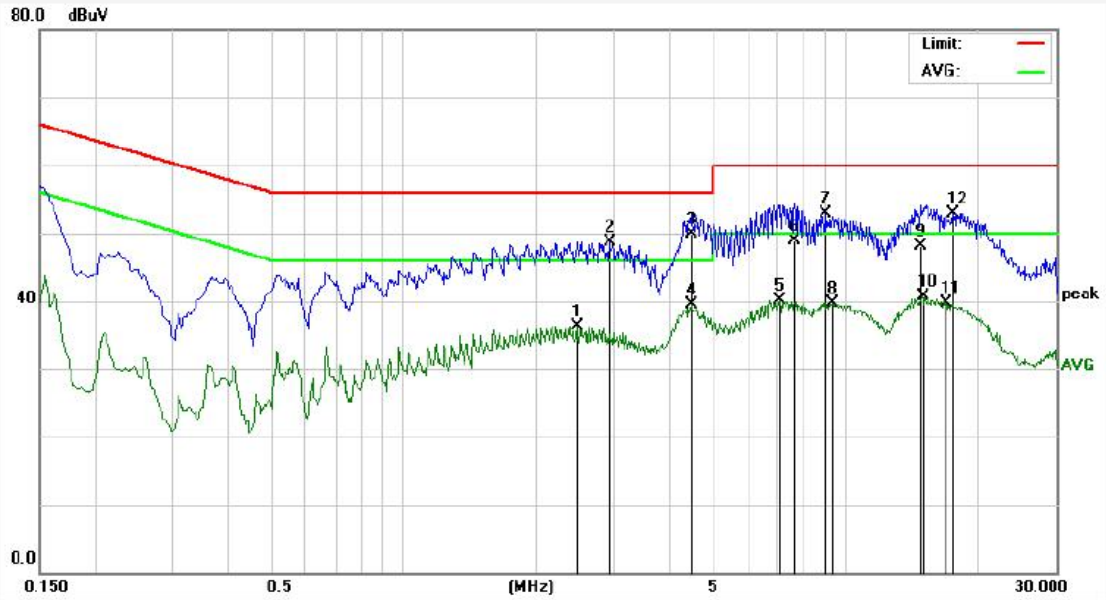
Test Site: 1# Shielded Room
Operating Condition: Mode 3
Test Specification: AC 240V, 60Hz
Comment: Neutral Line
Tem.: 20.4℃ Hum.: 55%



No.	Freq. (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit (dBuV)	Over Limit (dB)	Detector	Remark
1	0.1500	38.72	19.90	58.62	65.99	-7.37	QP	
2	4.5500	19.29	20.19	39.48	46.00	-6.52	AVG	
3	4.9020	27.38	20.20	47.58	56.00	-8.42	QP	
4	6.6140	25.96	20.25	46.21	50.00	-3.79	AVG	
5	6.6780	34.64	20.25	54.89	60.00	-5.11	QP	
6	7.7420	32.92	20.28	53.20	60.00	-6.80	QP	
7	8.0260	23.09	20.29	43.38	50.00	-6.62	AVG	
8	9.1100	28.72	20.32	49.04	60.00	-10.96	QP	
9	9.3180	21.41	20.32	41.73	50.00	-8.27	AVG	
10	10.3100	27.67	20.33	48.00	60.00	-12.00	QP	
11	10.7220	19.47	20.33	39.80	50.00	-10.20	AVG	
12	20.1060	19.88	20.34	40.22	50.00	-9.78	AVG	

Conducted Emission Test Data

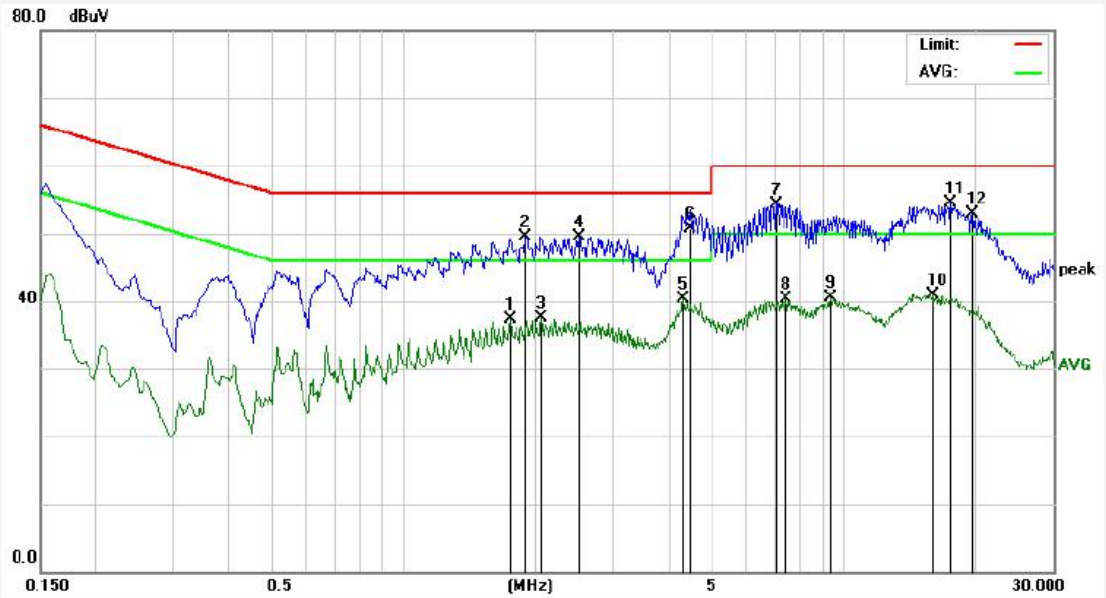
Test Site: 1# Shielded Room
Operating Condition: Mode 3
Test Specification: AC 120V, 60Hz
Comment: Live Line
Tem.: 20.4℃ Hum.: 55%



No.	Freq. (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit (dBuV)	Over Limit (dB)	Detector	Remark
1	2.4660	16.25	20.15	36.40	46.00	-9.60	AVG	
2	2.9300	28.60	20.16	48.76	56.00	-7.24	QP	
3	4.4699	29.63	20.19	49.82	56.00	-6.18	QP	
4	4.4699	19.27	20.19	39.46	46.00	-6.54	AVG	
5	7.0859	19.84	20.26	40.10	50.00	-9.90	AVG	
6	7.6580	28.53	20.28	48.81	60.00	-11.19	QP	
7	9.0500	32.55	20.31	52.86	60.00	-7.14	QP	
8	9.3258	19.35	20.32	39.67	50.00	-10.33	AVG	
9	14.7540	27.82	20.26	48.08	60.00	-11.92	QP	
10	14.8339	20.39	20.26	40.65	50.00	-9.35	AVG	
11	16.8939	19.49	20.29	39.78	50.00	-10.22	AVG	
12	17.5060	32.61	20.30	52.91	60.00	-7.09	QP	

Conducted Emission Test Data

Test Site: 1# Shielded Room
Operating Condition: Mode 3
Test Specification: AC 120V, 60Hz
Comment: Neutral Line
Tem.: 20.4℃ Hum.: 55%



No.	Freq. (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit (dBuV)	Over Limit (dB)	Detector	Remark
1	1.7460	17.08	20.13	37.21	46.00	-8.79	AVG	
2	1.8900	29.45	20.14	49.59	56.00	-6.41	QP	
3	2.0579	17.31	20.14	37.45	46.00	-8.55	AVG	
4	2.5100	29.42	20.15	49.57	56.00	-6.43	QP	
5	4.3180	20.12	20.19	40.31	46.00	-5.69	AVG	
6	4.4699	30.47	20.19	50.66	56.00	-5.34	QP	
7	7.0340	34.09	20.26	54.35	60.00	-5.65	QP	
8	7.3700	20.08	20.27	40.35	50.00	-9.65	AVG	
9	9.3420	20.27	20.32	40.59	50.00	-9.41	AVG	
10	16.0459	20.71	20.28	40.99	50.00	-9.01	AVG	
11	17.5140	34.13	20.30	54.43	60.00	-5.57	QP	
12	19.5980	32.53	20.33	52.86	60.00	-7.14	QP	

4. Radiation Spurious Emission and Band Edge

4.1. Test Standard and Limit

Test Standard	FCC Part15 C Section 15.209 and 15.205				
Test Limit	Frequency (MHz)	Field strength (microvolt/meter)	Limit (dBuV/m)	Remark	Measurement distance (m)
	0.009MHz~0.490MHz	2400/F(kHz)	-	-	300
	0.490MHz-1.705MHz	24000/F(kHz)	-	-	30
	1.705MHz-30MHz	30	-	-	30
	30MHz~88MHz	100	40.0	Quasi-peak	3
	88MHz~216MHz	150	43.5	Quasi-peak	3
	216MHz~960MHz	200	46.0	Quasi-peak	3
	960MHz~1000MHz	500	54.0	Quasi-peak	3
	Above 1000MHz	500	54.0	Average	3
		-	74.0	Peak	3

Remark:
(1)The lower limit shall apply at the transition frequency.
(2) 15.35(b), Unless otherwise specified, the limit on peak radio frequency emissions is 20dB above the maximum permitted average emission limit applicable to the equipment under test. This peak limit applies to the total peak emission level radiated by the device.

4.2. Test Setup

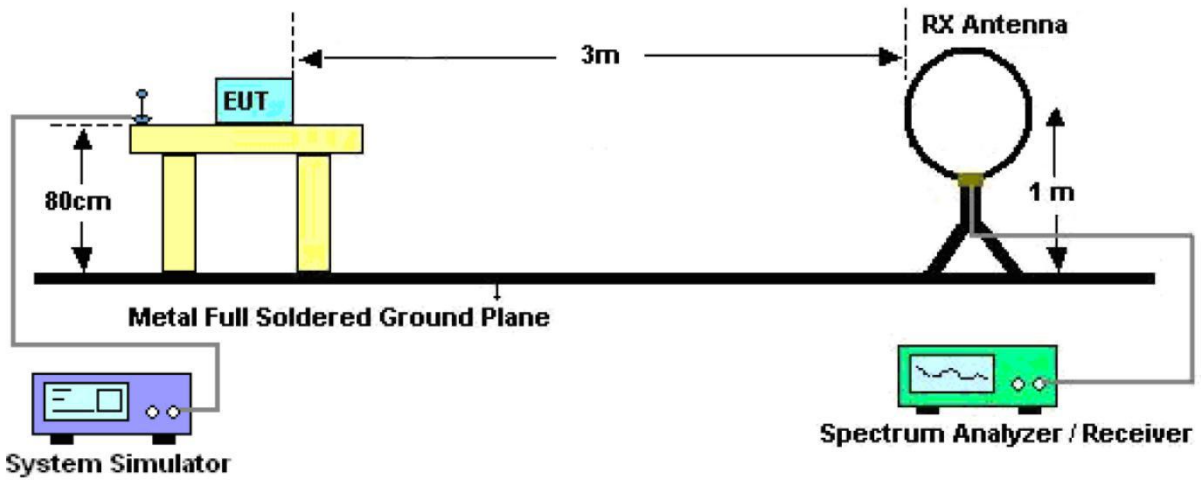


Figure 1. Below 30MHz

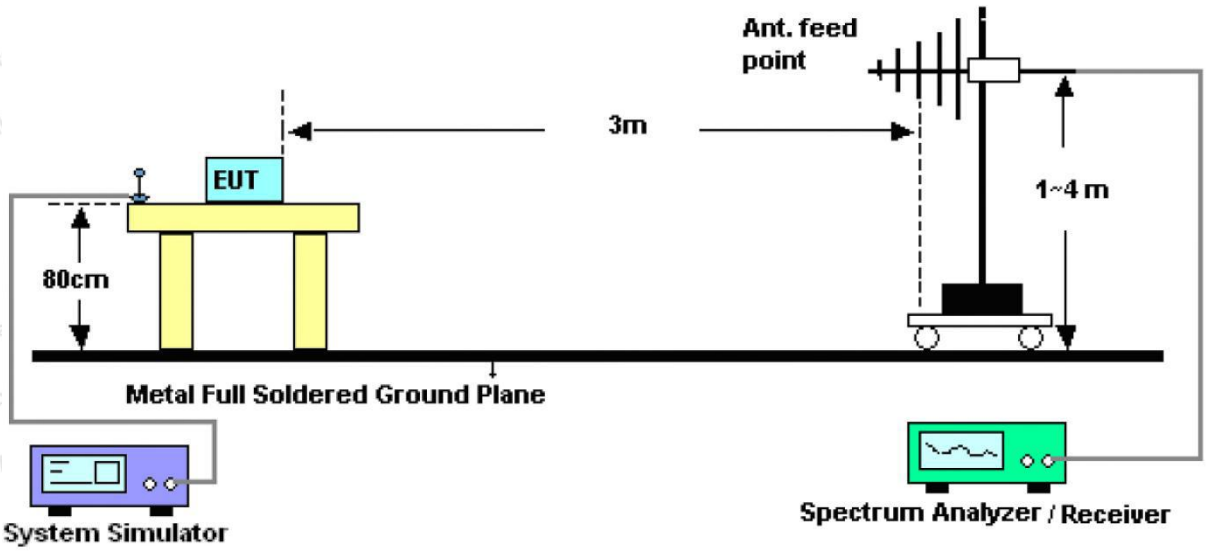


Figure 2. 30MHz to 1GHz

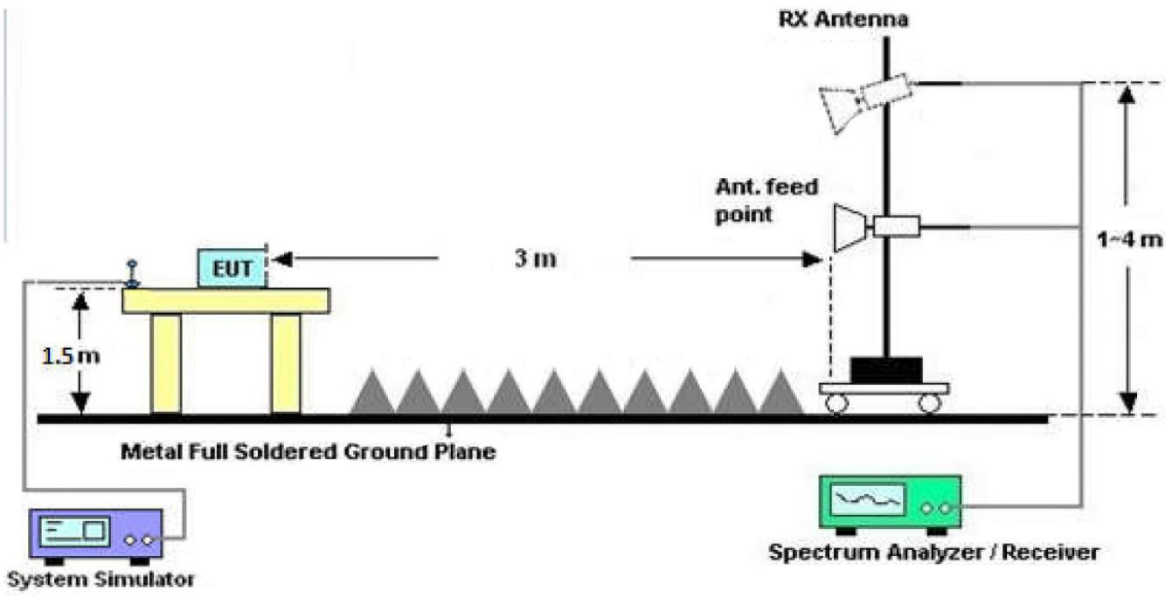


Figure 3. Above 1 GHz

4.3. Test Procedure

For below 1GHz: The EUT is placed on a turntable, which is 0.8m above the ground plane.
For above 1GHz: The EUT is placed on a turntable, which is 1.5m above the ground plane.
The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT is set 3 meters away from the receiving antenna which is mounted on a antenna tower. The antenna can be moved up and down from 1 to 4 meters to find out the maximum emission level. Rotated the EUT through three orthogonal axes to determine the maximum emissions, both horizontal and vertical polarization of the antenna are set on test. The EUT is tested in 9*6*6 Chamber. The device is evaluated in xyz orientation.

For the radiated emission test above 1GHz:
Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane.

For 9kHz to 150kHz, Set the spectrum analyzer as:
RBW = 200Hz, VBW =1kHz, Detector= Quasi-Peak, Trace mode= Max hold, Sweep- auto couple.

For 150kHz to 30MHz, Set the spectrum analyzer as:
RBW = 9KHz, VBW =30kHz, Detector= Quasi-Peak, Trace mode= Max hold, Sweep- auto couple.

For 30MHz to 1000MHz, Set the spectrum analyzer as:
RBW = 100kHz, VBW =300kHz,Detector= Quasi-Peak, Trace mode= Max hold, Sweep- auto couple.

For above 1GHz,Set the spectrum analyzer as:
RBW =1MHz, VBW =1MHz, Detector= Peak, Trace mode= Max hold, Sweep- auto couple.
RBW =1MHz, VBW =10Hz, Detector= Average, Trace mode= Max hold, Sweep- auto couple.

4.4. Test Data

PASS

During the test, pre-scan all the modes, and found the High channel (TX) which is the worst case, only the worst case is recorded in the report.

The test results of 9kHz-30MHz was attenuated more than 20dB below the permissible limits, so the results don't record in the report.

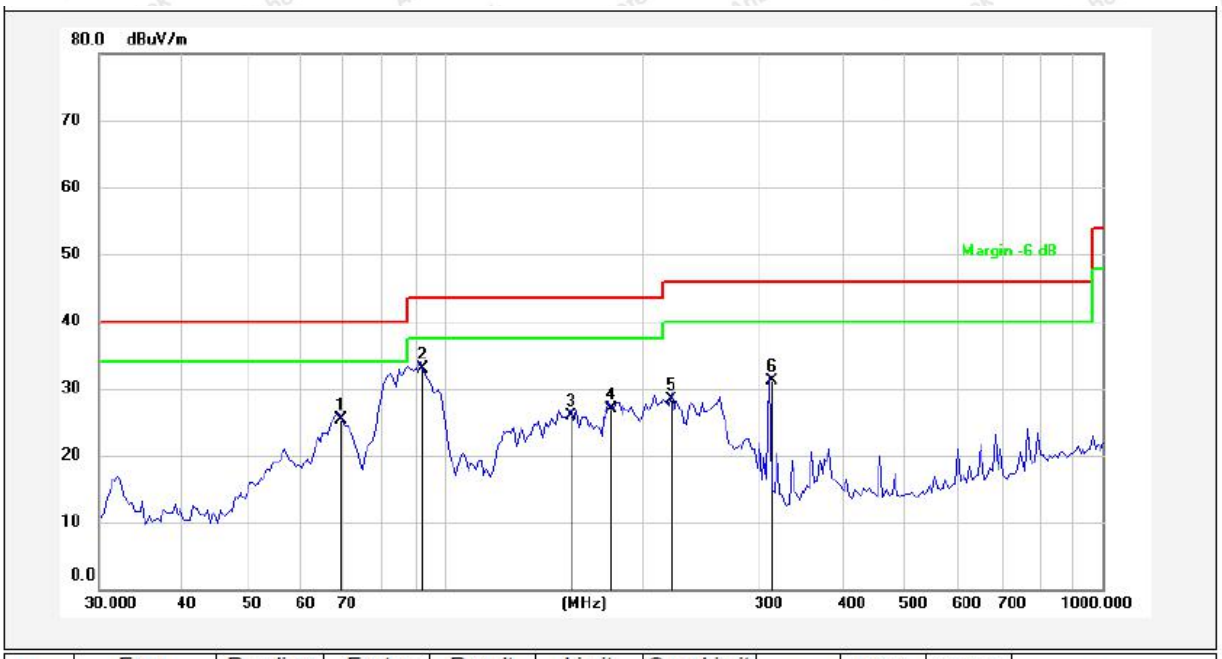
Test Results (30~1000MHz)

Test Mode: Mode 3

Power Source: AC 120V/60Hz

Polarization: Horizontal

Temp.(℃)/Hum.(%RH): 22.1℃/50%RH



No.	Freq. (MHz)	Reading (dBuV)	Factor ()	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	68.9930	45.32	-20.00	25.32	40.00	-14.68	QP	100	0	
2	92.1388	50.08	-17.18	32.90	43.50	-10.60	QP	100	360	
3	155.9101	45.99	-20.09	25.90	43.50	-17.60	QP	100	0	
4	177.8207	45.95	-18.95	27.00	43.50	-16.50	QP	100	360	
5	221.3921	45.47	-17.07	28.40	46.00	-17.60	QP	100	0	
6	311.6326	48.10	-16.92	31.18	46.00	-14.82	QP	100	360	

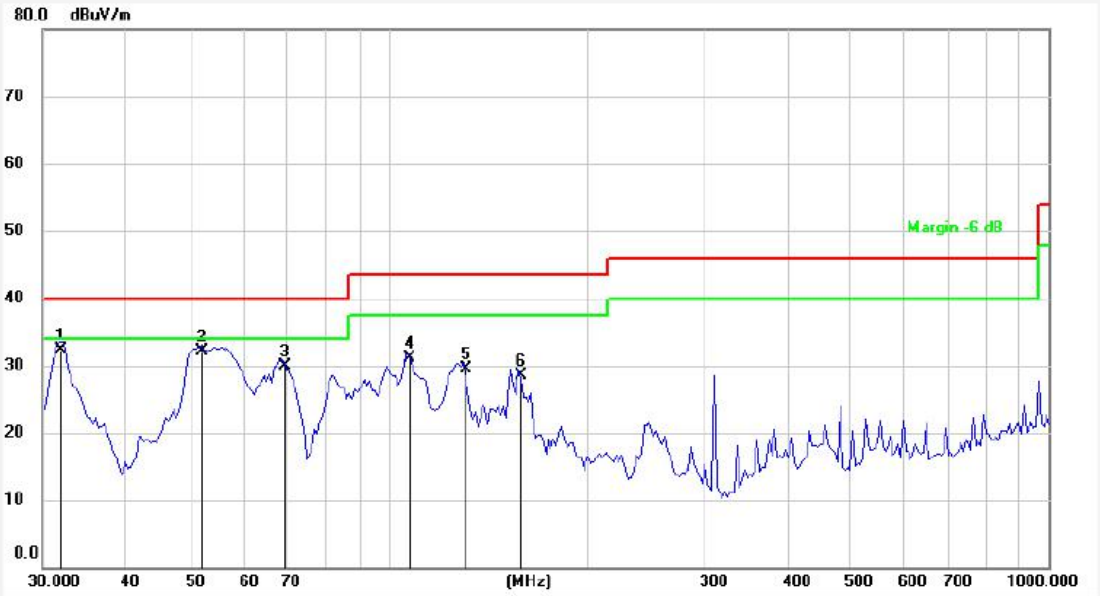
Test Results (30~1000MHz)

Test Mode: Mode 3

Power Source: AC 120V/60Hz

Polarization: Vertical

Temp.(℃)/Hum.(%RH): 22.1℃/50%RH



No.	Freq. (MHz)	Reading (dBuV)	Factor ()	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	31.8986	49.22	-16.82	32.40	40.00	-7.60	QP	100	0	
2	52.1164	48.05	-16.01	32.04	40.00	-7.96	QP	100	360	
3	68.9930	49.87	-20.00	29.87	40.00	-10.13	QP	100	0	
4	106.9461	47.32	-16.29	31.03	43.50	-12.47	QP	100	360	
5	129.6950	49.18	-19.73	29.45	43.50	-14.05	QP	100	0	
6	157.2829	48.57	-20.02	28.55	43.50	-14.95	QP	100	360	

Test Results (1GHz-25GHz)

Test Mode: CH00					Test channel: Lowest			
Peak Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
4804.00	39.84	34.04	6.58	34.09	46.37	74.00	-27.63	V
7206.00	33.51	37.11	7.73	34.50	43.85	74.00	-30.15	V
9608.00	32.96	39.31	9.23	34.79	46.71	74.00	-27.29	V
12010.00	*					74.00		V
14412.00	*					74.00		V
4804.00	44.64	34.04	6.58	34.09	51.17	74.00	-22.83	H
7206.00	35.49	37.11	7.73	34.50	45.83	74.00	-28.17	H
9608.00	32.63	39.31	9.23	34.79	46.38	74.00	-27.62	H
12010.00	*					74.00		H
14412.00	*					74.00		H
Average Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
4804.00	28.17	34.04	6.58	34.09	34.70	54.00	-19.30	V
7206.00	21.91	37.11	7.73	34.50	32.25	54.00	-21.75	V
9608.00	20.83	39.31	9.23	34.79	34.58	54.00	-19.42	V
12010.00	*					54.00		V
14412.00	*					54.00		V
4804.00	32.68	34.04	6.58	34.09	39.21	54.00	-14.79	H
7206.00	24.25	37.11	7.73	34.50	34.59	54.00	-19.41	H
9608.00	20.77	39.31	9.23	34.79	34.52	54.00	-19.48	H
12010.00	*					54.00		H
14412.00	*					54.00		H

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel:(86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com
Hotline 400-003-0500
www.anbotek.com

Test Results (1GHz-25GHz)

Test Mode: CH19					Test channel: Middle			
Peak Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
4880.00	39.36	34.38	6.69	34.09	46.34	74.00	-27.66	V
7320.00	33.20	37.22	7.78	34.53	43.67	74.00	-30.33	V
9760.00	32.68	39.46	9.35	34.80	46.69	74.00	-27.31	V
12200.00	*					74.00		V
14640.00	*					74.00		V
4880.00	44.07	34.38	6.69	34.09	51.05	74.00	-22.95	H
7320.00	35.13	37.22	7.78	34.53	45.60	74.00	-28.40	H
9760.00	32.30	39.46	9.35	34.80	46.31	74.00	-27.69	H
12200.00	*					74.00		H
14640.00	*					74.00		H
Average Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
4880.00	27.81	34.38	6.69	34.09	34.79	54.00	-19.21	V
7320.00	21.66	37.22	7.78	34.53	32.13	54.00	-21.87	V
9760.00	20.61	39.46	9.35	34.80	34.62	54.00	-19.38	V
12200.00	*					54.00		V
14640.00	*					54.00		V
4880.00	32.27	34.38	6.69	34.09	39.25	54.00	-14.75	H
7320.00	23.98	37.22	7.78	34.53	34.45	54.00	-19.55	H
9760.00	20.51	39.46	9.35	34.80	34.52	54.00	-19.48	H
12200.00	*					54.00		H
14640.00	*					54.00		H

Test Results (1GHz-25GHz)

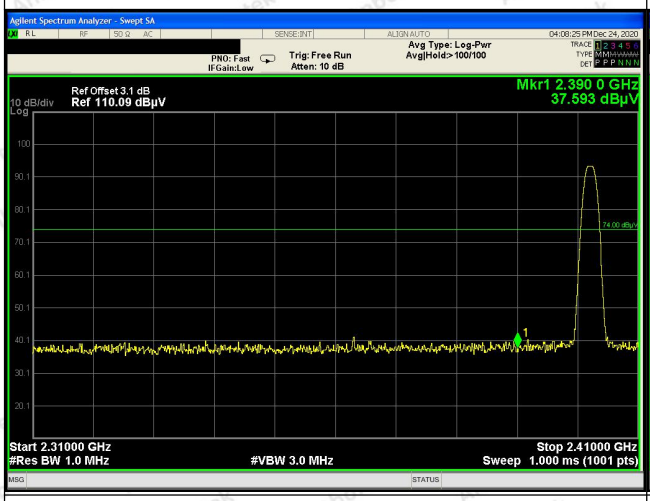
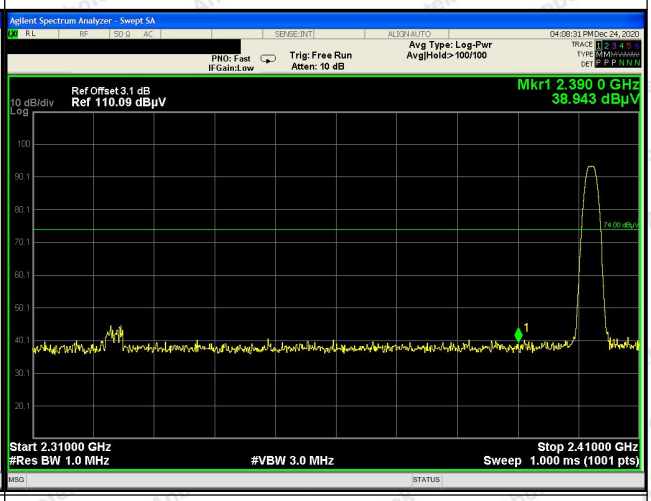
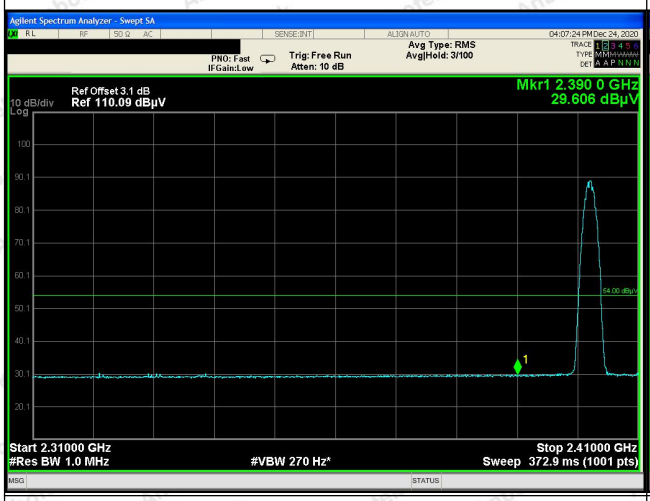
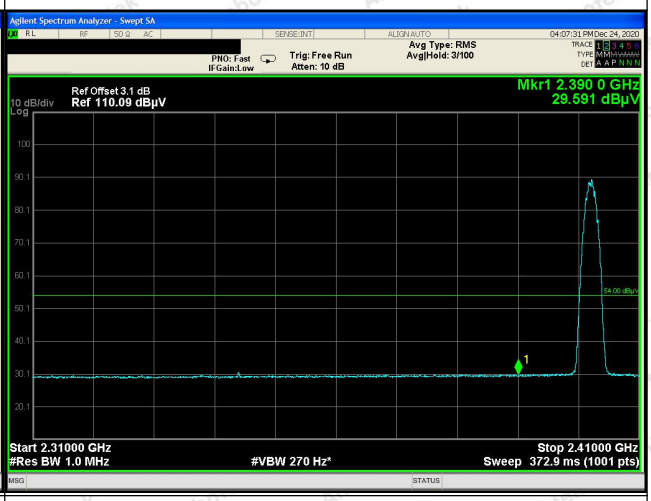
Test Mode: CH39					Test channel: Highest			
Peak Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
4960.00	37.76	34.72	6.79	34.09	45.18	74.00	-28.82	V
7440.00	32.13	37.34	7.82	34.57	42.72	74.00	-31.28	V
9920.00	31.74	39.62	9.46	34.81	46.01	74.00	-27.99	V
12400.00	*					74.00		V
14880.00	*					74.00		V
4960.00	42.14	34.72	6.79	34.09	49.56	74.00	-24.44	H
7440.00	33.93	37.34	7.82	34.57	44.52	74.00	-29.48	H
9920.00	31.20	39.62	9.46	34.81	45.47	74.00	-28.53	H
12400.00	*					74.00		H
14880.00	*					74.00		H
Average Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
4960.00	26.59	34.72	6.79	34.09	34.01	54.00	-19.99	V
7440.00	20.84	37.34	7.82	34.57	31.43	54.00	-22.57	V
9920.00	19.88	39.62	9.46	34.81	34.15	54.00	-19.85	V
12400.00	*					54.00		V
14880.00	*					54.00		V
4960.00	30.88	34.72	6.79	34.09	38.30	54.00	-15.70	H
7440.00	23.05	37.34	7.82	34.57	33.64	54.00	-20.36	H
9920.00	19.65	39.62	9.46	34.81	33.92	54.00	-20.08	H
12400.00	*					54.00		H
14880.00	*					54.00		H

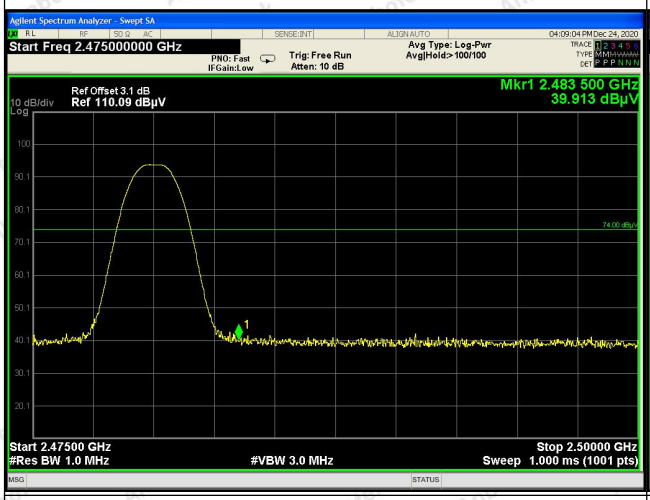
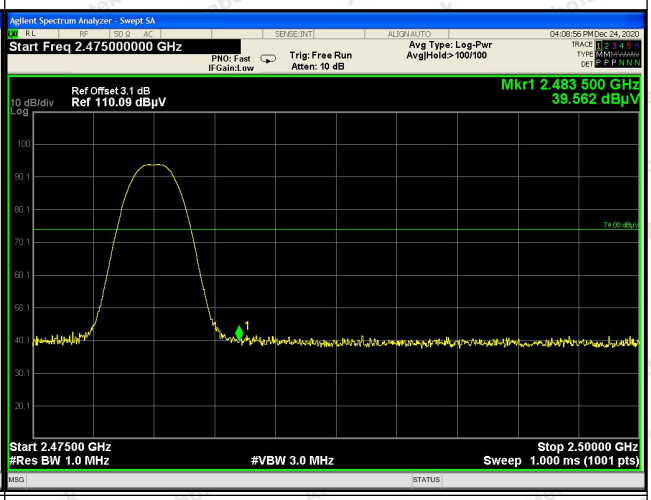
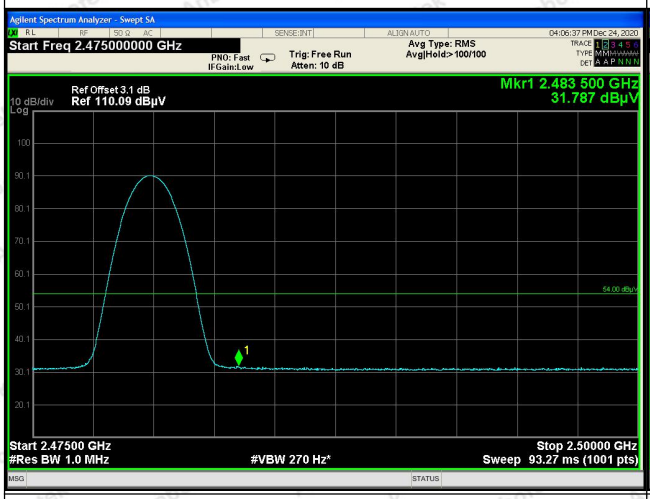
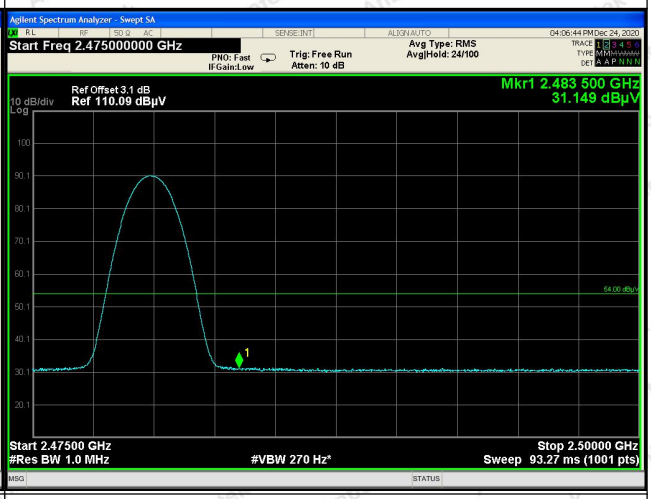
Remark:

1. Level =Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor

2. "*" means the test results were attenuated more than 20dB below the permissible limits, so the results don't record in the report.

Radiated Band Edge:

Test Mode: CH00	Test channel: Lowest
	
Peak Value(Vertical)	Peak Value(Horizontal)
	
Average Value(Vertical)	Average Value(Horizontal)

Test Mode: CH39	Test channel: Highest
	
Peak Value(Vertical)	Peak Value(Horizontal)
	
Average Value(Vertical)	Average Value(Horizontal)

Remark:

1. Level =Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor
2. This data refers to the original report 18220WC00187002.

APPENDIX I -- TEST SETUP PHOTOGRAPH

Please refer to separated files for Test Setup Photos of the EUT.

APPENDIX II -- EXTERNAL PHOTOGRAPH

Please refer to separated files for External Photos of the EUT.

APPENDIX III -- INTERNAL PHOTOGRAPH

Please refer to separated files for Internal Photos of the EUT.

---------- End of Report ----------