

TEST REPORT

Reference No..... : WTX22X03034709W-1
FCC ID : 2AABK-SKY002
Applicant : Shenzhen Chuangwei Electronic Appliance Tech Co.,Ltd.
Address..... : 4F & 6F, Overseas plant south, Skyworth Industrial Park, Shiyan Street,
Bao'an District, Shenzhen, China
Manufacturer : Shenzhen Chuangwei Electronic Appliance Tech Co.,Ltd.
Address..... : 4F & 6F, Overseas plant south, Skyworth Industrial Park, Shiyan Street,
Bao'an District, Shenzhen, China
Product Name : 10 inch WIFI Digital Photo Frame, 10 inch WIFI Digital Photo Frame
Calendar
Model No..... : SKY002
Standards : FCC Part 15.407
Date of Receipt sample : 2022-03-04
Date of Test..... : 2022-03-04 to 2022-03-17
Date of Issue : 2022-03-17
Test Report Form No. : WTX_Part 15_407W
Test Result..... : **Pass**

Remarks:

The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of approver.

Prepared By:

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Report version

Version No.	Date of issue	Description
Rev.00	2022-03-17	Original
/	/	/

1. GENERAL INFORMATION

1.1 Product Description for Equipment Under Test (EUT)

General Description of EUT	
Product Name:	10 inch WIFI Digital Photo Frame, 10 inch WIFI Digital Photo Frame Calendar
Trade Name:	Skylight
Model No.:	SKY002
Adding Model(s):	/
Rated Voltage:	DC5V
Battery Capacity:	/
Power Adapter:	MODEL: S005A22 INPUT: AC100-240V, 50/60Hz 0.3A OUTPUT: DC5V, 2.0A
<i>Note: The test data is gathered from a production sample, provided by the manufacturer.</i>	

Technical Characteristics of EUT	
Support Standards:	802.11a, 802.11n(HT20), 802.11n(HT40)
Frequency Range:	5150-5250MHz, 5250-5350MHz, 5470-5725MHz, 5725-5850MHz
RF Output Power:	/
Type of Modulation:	QPSK, 16QAM, 64QAM
Quantity of Channels:	/
Type of Antenna:	FPC Antenna
Antenna Gain:	2dBi
<i>Note: The Antenna Gain is provided by the customer and can affect the validity of results.</i>	

1.2 Test Standards

The tests were performed according to following standards:

FCC Rules Part 15.407: General technical requirements.

ANSI C63.10-2013: American National Standard for Testing Unlicensed Wireless Devices.

KDB789033 D02 v02r01: Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-Nii) Devices Part 15, Subparte.

Maintenance of compliance is the responsibility of the manufacturer. Any modification of the product, which result in lowering the emission, should be checked to ensure compliance has been maintained.

1.3 Test Methodology

All measurements contained in this report were conducted with ANSI C63.10-2013, KDB789033 D02 v02r01. The equipment under test (EUT) was configured to measure its highest possible emission level. The test modes were adapted accordingly in reference to the Operating Instructions.

1.4 Table for parameters of Test Software setting

Enter “3646631+=” into the calculator to enter the engineer mode, you can start to test. During testing, Channel and Power Controlling Software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product.

Mode	Test Frequency (MHz)												
	NCB: 20MHz												
	5180	5200	5240	5260	5300	5320	5500	5580	5700	5720	5745	5785	5825
802.11a 6Mbps	Default	Default	Default	Default	Default	Default	Default	Default	Default	/	Default	Default	Default
802.11n-HT20 MCS0	Default	Default	Default	Default	Default	Default	Default	Default	Default	/	Default	Default	Default
Mode	NCB: 40MHz												
	5190	5230	5270	5310	5510	5550	5670	5710	5755	5795			
802.11n-HT40 MCS0	Default	Default	Default	Default	Default	Default	Default	/	Default	Default			

1.5 EUT Operating during test

EUT was programmed to be in continuously transmitting mode. During the test, EUT operation to normal function and programs under Android were executed.

1.6 Test Facility

Address of the test laboratory

Laboratory: Waltek Testing Group (Shenzhen) Co., Ltd.

Address: 1/F., Room 101, Building 1, Hongwei Industrial Park, Liuxian 2nd Road, Block 70 Bao'an District, Shenzhen, Guangdong, China

FCC – Registration No.: 125990

Waltek Testing Group (Shenzhen) Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the FCC (Federal Communications Commission). The acceptance letter from the FCC is maintained in our files. The Designation Number is CN5010, and Test Firm Registration Number is 125990.

Industry Canada (IC) Registration No.: 11464A

The 3m Semi-anechoic chamber of Waltek Testing Group (Shenzhen) Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 11464A.

1.7 EUT Setup and Test Mode

The EUT was operated in the engineering mode to fix the Tx frequency that was for the purpose of the measurements. All testing shall be performed under maximum output power condition, with a duty cycle equal to 100%, and to measure its highest possible emissions level, more detailed description as follows:

Test Mode List		
Test Mode	Description	Remark
TM1	802.11a	5180MHz,5200MHz,5240MHz,5260MHz,5280MHz,5320MHz,5500MHz, 5600MHz,5700MHz,5745MHz, 5785MHz,5825MHz
TM2	802.11n-HT20	5180MHz,5200MHz,5240MHz,5260MHz,5280MHz,5320MHz,5500MHz, 5580MHz,5700MHz,5745MHz, 5785MHz,5825MHz
TM3	802.11n-HT40	5190MHz,5230MHz,5270MHz,5310MHz,5510MHz,5550MHz, 5670MHz,5755MHz,5795MHz
Note1: All test modes (different data rate and different modulation) are performed, but only the worst case is recorded in this report.		
Note2: Testing screen model are: K101-IM2QD02-C2 and SPEC-WJWX 101196A.		

Test Conditions	
Temperature:	22~25 °C
Relative Humidity:	45~55 %.
ATM Pressure:	1019 mbar

EUT Cable List and Details			
Cable Description	Length (m)	Shielded/Unshielded	With / Without Ferrite
/	/	/	/
/	/	/	/

Special Cable List and Details			
Cable Description	Length (m)	Shielded/Unshielded	With / Without Ferrite
/	/	/	/

Auxiliary Equipment List and Details			
Description	Manufacturer	Model	Serial Number
/	/	/	/

1.8 Measurement Uncertainty

Measurement uncertainty		
Parameter	Conditions	Uncertainty
RF Output Power	Conducted	$\pm 0.42\text{dB}$
Occupied Bandwidth	Conducted	$\pm 1.5\%$
Power Spectral Density	Conducted	$\pm 1.8\text{dB}$
Conducted Spurious Emission	Conducted	$\pm 2.17\text{dB}$
Conducted Emissions	Conducted	9-150kHz $\pm 3.74\text{dB}$
		0.15-30MHz $\pm 3.34\text{dB}$
Transmitter Spurious Emissions	Radiated	30-200MHz $\pm 4.52\text{dB}$
		0.2-1GHz $\pm 5.56\text{dB}$
		1-6GHz $\pm 3.84\text{dB}$
		6-18GHz $\pm 3.92\text{dB}$

1.9 Test Equipment List and Details

No.	Description	Manufacturer	Model	Serial No.	Cal Date	Due. Date
SEMT-1075	Communication Tester	Rohde & Schwarz	CMW500	148650	2021-03-27	2022-03-26
SEMT-1063	GSM Tester	Rohde & Schwarz	CMU200	114403	2021-03-27	2022-03-26
SEMT-1072	Spectrum Analyzer	Agilent	E4407B	MY41440400	2021-03-27	2022-03-26
SEMT-1079	Spectrum Analyzer	Agilent	N9020A	US47140102	2021-03-27	2022-03-26
SEMT-1080	Signal Generator	Agilent	83752A	3610A01453	2021-03-27	2022-03-26
SEMT-1081	Vector Signal Generator	Agilent	N5182A	MY47070202	2021-03-27	2022-03-26
SEMT-1028	Power Divider	Weinschel	1506A	PM204	2021-03-27	2022-03-26
SEMT-1082	Power Divider	RF-Lambda	RFLT4W5M18G	14110400027	2021-03-27	2022-03-26
SEMT-C001	Cable	Zheng DI	LL142-07-07-10M(A)	/	/	/
SEMT-C002	Cable	Zheng DI	ZT40-2.92J-2.92J-6M	/	/	/
SEMT-C003	Cable	Zheng DI	ZT40-2.92J-2.92J-2.5M	/	/	/
SEMT-C004	Cable	Zheng DI	2M0RFC	/	/	/
SEMT-C005	Cable	Zheng DI	1M0RFC	/	/	/
SEMT-C006	Cable	Zheng DI	1M0RFC	/	/	/
<input checked="" type="checkbox"/> Chamber A: Below 1GHz						
SEMT-1031	Spectrum Analyzer	Rohde & Schwarz	FSP30	836079/035	2021-03-27	2022-03-26
SEMT-1007	EMI Test Receiver	Rohde & Schwarz	ESVB	825471/005	2021-03-27	2022-03-26
SEMT-1008	Amplifier	Agilent	8447F	3113A06717	2021-04-12	2022-04-11
SEMT-1069	Loop Antenna	Schwarz beck	FMZB 1516	9773	2021-03-19	2023-03-18
SEMT-1068	Broadband Antenna	Schwarz beck	VULB9163	9163-333	2021-03-19	2023-03-18
<input checked="" type="checkbox"/> Chamber A: Above 1GHz						
SEMT-1031	Spectrum Analyzer	Rohde & Schwarz	FSP30	836079/035	2021-03-27	2022-03-26
SEMT-1007	EMI Test Receiver	Rohde & Schwarz	ESVB	825471/005	2021-03-27	2022-03-26
SEMT-1043	Amplifier	C&D	PAP-1G18	2002	2021-04-12	2022-04-11
SEMT-1042	Horn Antenna	ETS	3117	00086197	2021-03-19	2023-03-18
SEMT-1121	Horn Antenna	Schwarzbeck	BBHA 9170	BBHA91705	2021-04-27	2023-04-26

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SEMT-1169	Pre-amplifier	Direction Systems Inc.	PAP-2640	14145-1415 3	2021-04-27	2022-04-26
SEMT-1163	Spectrum Analyzer	Rohde & Schwarz	FSP40	100612	2021-03-27	2022-03-26
SEMT-1166	Power Limiter	Agilent	N9356B	MY4545037 6	2021-03-27	2022-03-26
<input type="checkbox"/> Chamber B: Below 1GHz						
SEMT-1068	Trilog Broadband Antenna	Schwarz beck	VULB9163(B)	9163-635	2021-04-09	2023-04-08
SEMT-1067	Amplifier	Agilent	8447D	2944A10179	2021-04-12	2022-04-11
SEMT-1066	EMI Test Receiver	Rohde & Schwarz	ESPI	101391	2021-05-06	2022-05-05
<input type="checkbox"/> Chamber C: Below 1GHz						
SEMT-1319	EMI Test Receiver	Rohde & Schwarz	ESIB 26	100401	2021-12-03	2022-12-02
SEMT-1343	Trilog Broadband Antenna	Schwarz beck	VULB 9168	1194	2021-05-28	2023-05-27
SEMT-1333	Amplifier	HP	8447F	2944A03869	2021-04-15	2022-04-14
<input checked="" type="checkbox"/> Conducted Room 1#						
SEMT-1001	EMI Test Receiver	Rohde & Schwarz	ESPI	101611	2021-04-12	2022-04-11
SEMT-1002	Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100911	2021-04-15	2022-04-14
SEMT-1003	AC LISN	Schwarz beck	NSLK8126	8126-224	2021-04-12	2022-04-11
<input type="checkbox"/> Conducted Room 2#						
SEMT-1334	EMI Test Receiver	Rohde & Schwarz	ESPI	101259	2021-04-12	2022-04-11
SEMT-1336	LISN	Rohde & Schwarz	ENV 216	100097	2021-04-12	2022-04-11

Software List			
Description	Manufacturer	Model	Version
EMI Test Software (Radiated Emission)*	Farad	EZ-EMC	RA-03A1
EMI Test Software (Conducted Emission)*	Farad	EZ-EMC	RA-03A1

*Remark: indicates software version used in the compliance certification testing.

2. SUMMARY OF TEST RESULTS

FCC Rules	Description of Test Item	Result
§15.203; §15.405	Antenna Requirement	Compliant
15.407 (c)	Automatically Discontinue Transmission	N/A
§15.207; §15.407(b)(6)	Conducted Emission	Compliant
§15.407(a)(1),(2)	Power Spectral Density	N/A
§15.407(e)	Emission Bandwidth and Occupied Bandwidth	N/A
§15.407(a)(1),(2)	Maximum Conducted Output Power	N/A
§15.407(b)(1),(2),(3),(4)	Undesirable emission	N/A
§15.205; §15.407(b)(1),(2),(3)	Radiated Emission	Compliant
§15.407(g)	Frequency Stability	N/A
§15.407(h)	Dynamic Frequency Selection (DFS)	N/A

N/A: Data refer to the original report CTL2105285011-WF02.

Note: Report is for C2PC only. The test data includes Radiated Spurious Emissions and Conducted Emission. Those not tested mark with N/A (not effected by the C2PC).

3. Antenna Requirement

3.1 Standard Applicable

According to FCC Part 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section.

3.2 Evaluation Information

This product has an integral antenna, fulfill the requirement of this section.

4. Automatically Discontinue Transmission

4.1 Standard Applicable

According to FCC Part 15.407(c), the device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signaling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals. Applicants shall include in their application for equipment authorization to describe how this requirement is met.

4.2 Summary of Test Results

While the EUT is not transmitting any information, the EUT can automatically discontinue transmission and become standby mode for power saving. The EUT can detect the controlling signal of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission.

5. Radiated Spurious Emissions

5.1 Standard Applicable

According to §15.407(b), undesirable emission limits. Except as shown in paragraph (b)(7) of this section, the maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

- (1) For transmitters operating in the 5.15-5.25GHz band: All emissions outside of the 5.15-5.35GHz band shall not exceed an e.i.r.p. of -27dBm/MHz .
- (2) For transmitters operating in the 5.25-5.35GHz band: All emissions outside of the 5.15-5.35GHz band shall not exceed an e.i.r.p. of -27dBm/MHz .
- (3) For transmitters operating in the 5.47-5.725GHz band: All emissions outside of the 5.47-5.725GHz band shall not exceed an e.i.r.p. of -27dBm/MHz .
- (4) For transmitters operating in the 5.725-5.85GHz band:
 - (i) All emissions shall be limited to a level of -27dBm/MHz at 75MHz or more above or below the band edge increasing linearly to 10dBm/MHz at 25MHz above or below the band edge, and from 25MHz above or below the band edge increasing linearly to a level of 15.6dBm/MHz at 5MHz above or below the band edge, and from 5MHz above or below the band edge increasing linearly to a level of 27dBm/MHz at the band edge.

According to §15.407(b)(6), Unwanted emissions below 1GHz must comply with the general field strength limits set forth in §15.209. Further, any U-NII devices using an AC power line are required to comply also with the conducted limits set forth in §15.207.

According to §15.407(b)(7), The provisions of §15.205 apply to intentional radiators operating under this section.
789033 D02 v02r01 General UNII Test Procedures New Rules v01

If radiated measurements are performed, field strength is then converted to EIRP as follows:

$$\text{EIRP} = ((E*d)^2) / 30$$

where:

- E is the field strength in V/m;
- d is the measurement distance in meters;
- EIRP is the equivalent isotropically radiated power in watts.

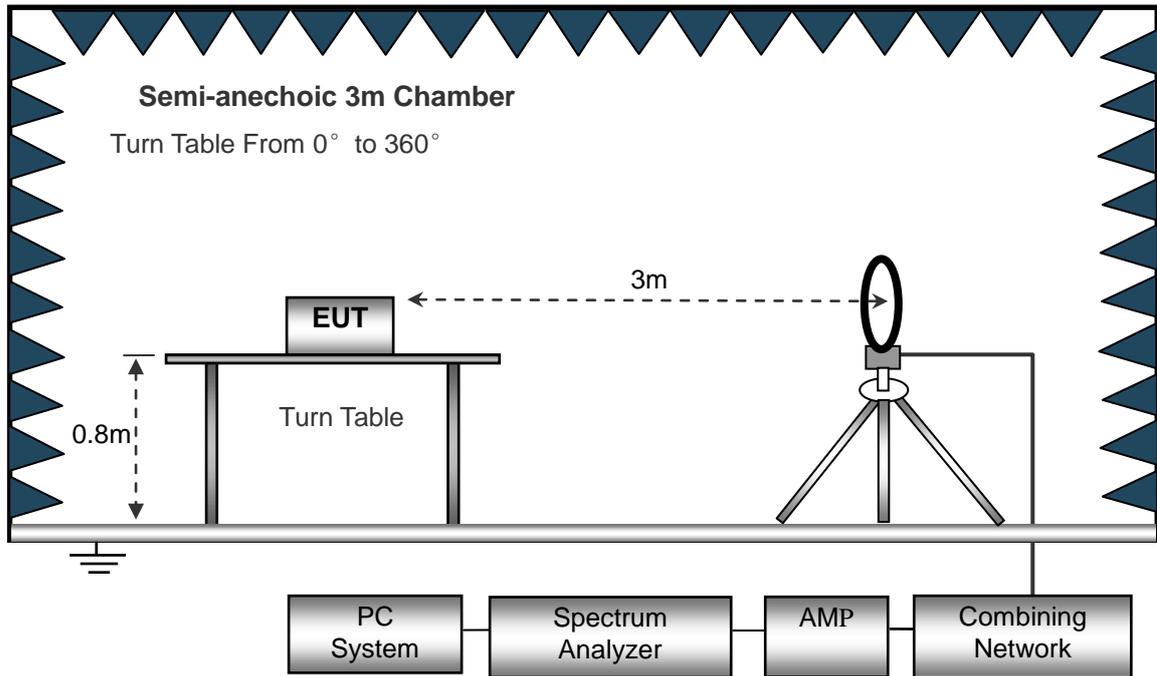
5.2 Test Procedure

The setup of EUT is according with per ANSI C63.10-2013 measurement procedure. The specification used was with the FCC Part 15.205 15.407(b)(6) and FCC Part 15.209 Limit..

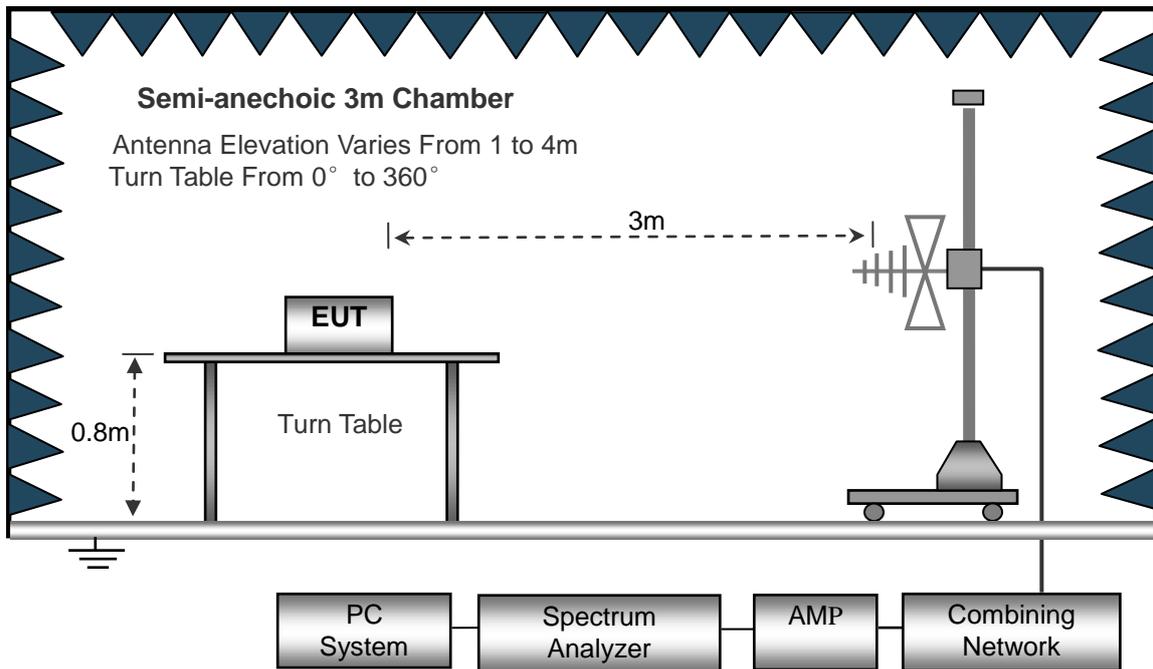
The external I/O cables were draped along the test table and formed a bundle 30 to 40cm long in the middle.

The spacing between the peripherals was 10cm.

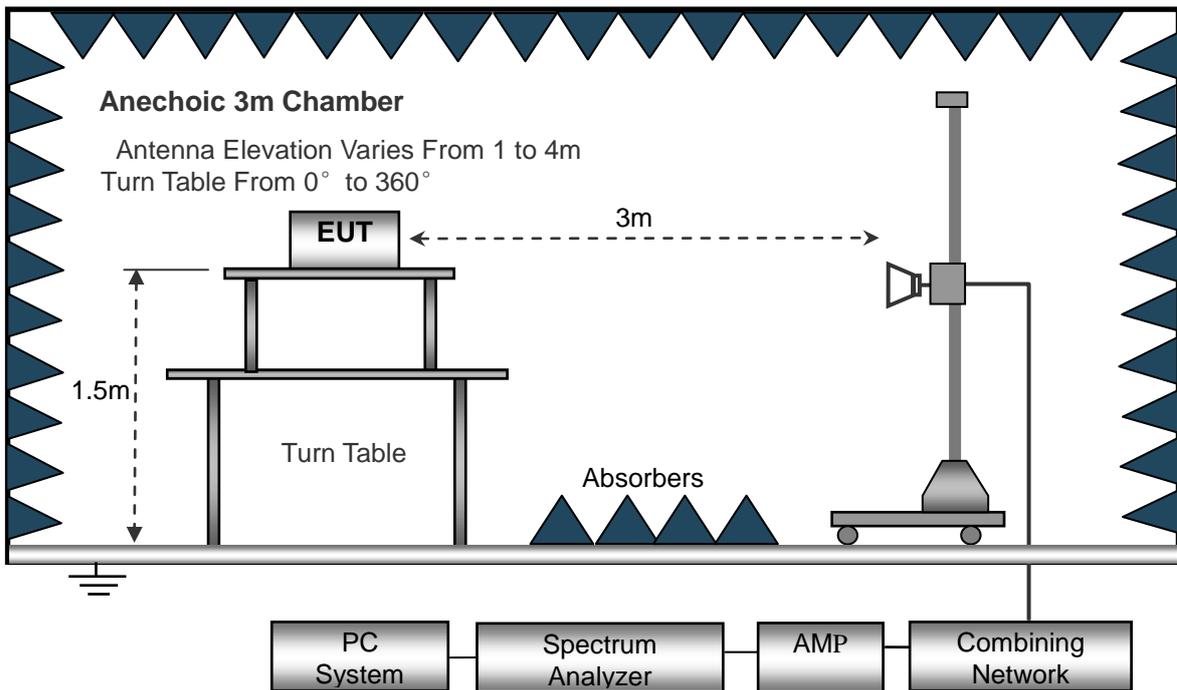
The test setup for emission measurement below 30MHz.



The test setup for emission measurement from 30MHz to 1GHz.



The test setup for emission measurement above 1GHz.



5.3 Test Receiver Setup

During the radiated emission test for above 1GHz, the test receiver was set with the following configurations:

For peak detector:

RBW = 1000kHz, VBW = 3000kHz, Sweep Time = Auto

For average detector:

RBW = 1000kHz, VBW = 10Hz, Sweep Time = Auto

5.4 Corrected Amplitude & Margin Calculation

The Corrected Amplitude is calculated adding the Antenna Factor and the Cable Factor, and subtracting the Amplifier Gain from the Amplitude reading. The basic equation is as follows:

$$\text{Corr. Ampl.} = \text{Indicated Reading} + \text{Ant. Factor} + \text{Cable Loss} - \text{Ampl. Gain}$$

The “**Margin**” column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of -6dB μ V means the emission is 6dB μ V below the maximum limit for Class B. The equation for margin calculation is as follows:

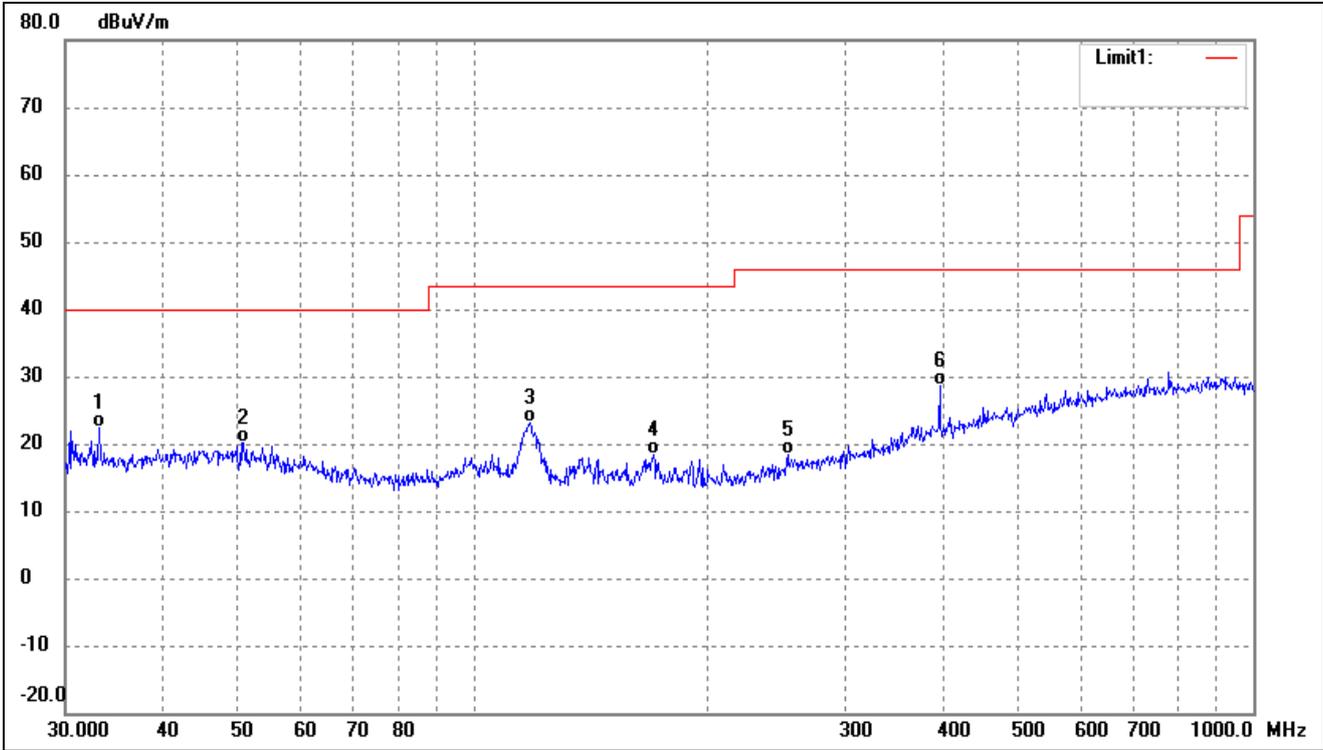
$$\text{Margin} = \text{Corr. Ampl.} - \text{FCC Part 15 Limit}$$

5.5 Summary of Test Results/Plots

Note: this EUT was tested in 3 orthogonal positions and the worst case position data was reported.

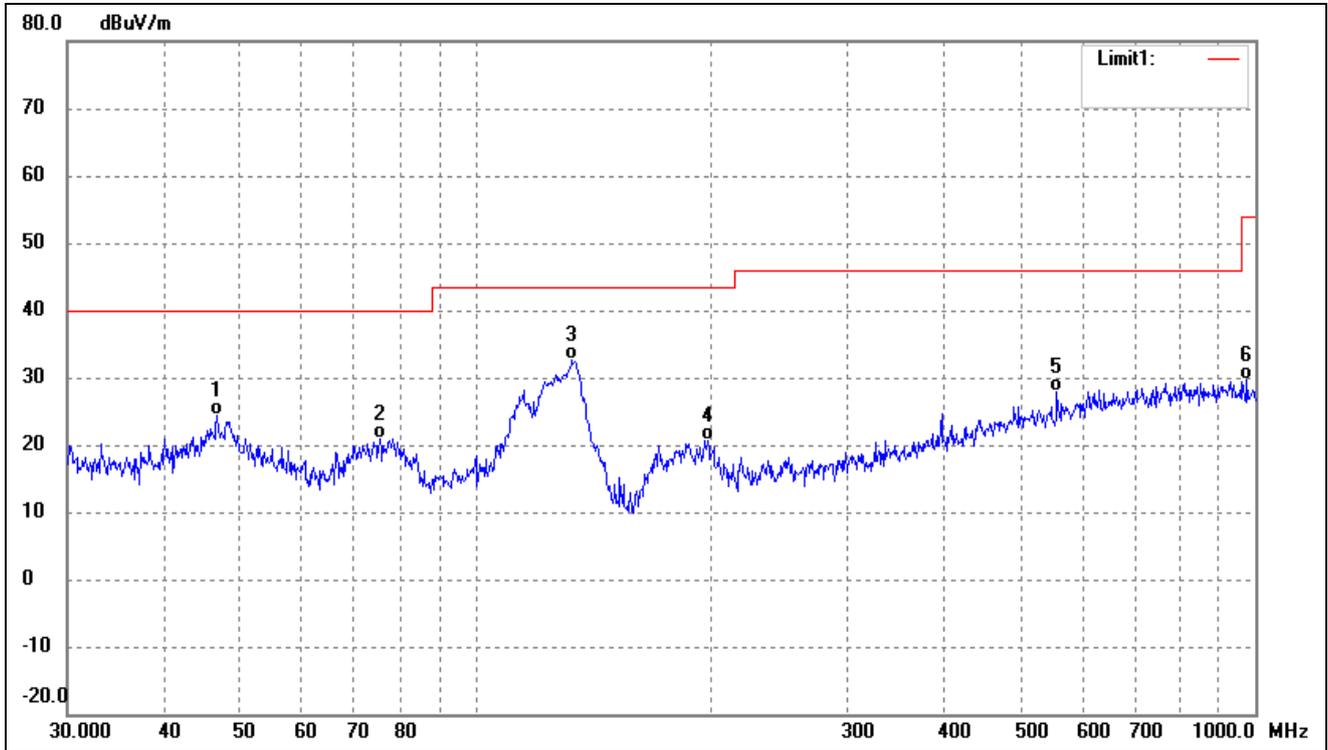
- K101-IM2QD02-C2
- Spurious Emission From 30 MHz to 1 GHz
- 5150-5250MHz

802.11a(Worst case)			
Test Channel	5180MHz(Worst case)	Polarity:	Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	33.0950	31.09	-8.69	22.40	40.00	-17.60	-	-	QP
2	50.7637	27.26	-7.07	20.19	40.00	-19.81	-	-	QP
3	118.1862	32.66	-9.47	23.19	43.50	-20.31	-	-	QP
4	170.1948	30.04	-11.72	18.32	43.50	-25.18	-	-	QP
5	252.9482	26.51	-8.23	18.28	46.00	-27.72	-	-	QP
6	396.2415	32.74	-4.01	28.73	46.00	-17.27	-	-	QP

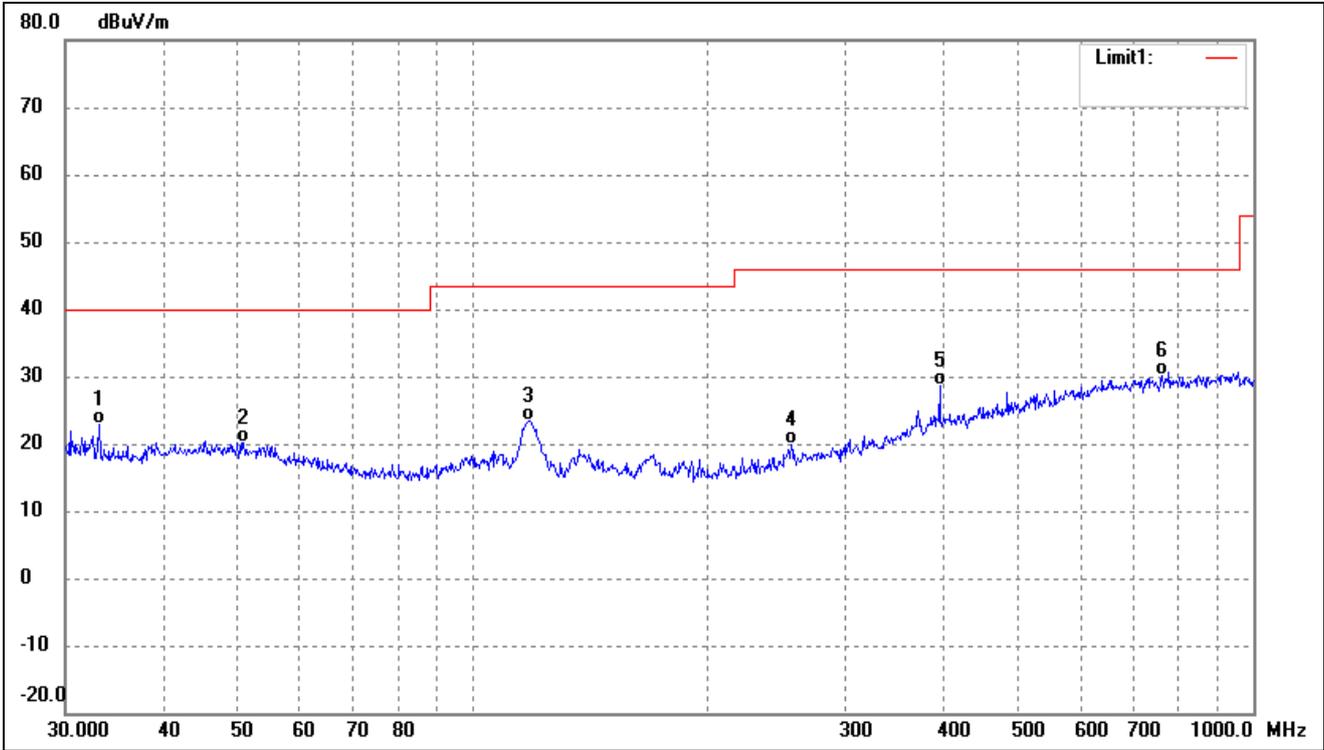
802.11a(Worst case)			
Test Channel	5180MHz(Worst case)	Polarity:	Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	46.6664	31.35	-6.98	24.37	40.00	-15.63	-	-	QP
2	75.4464	31.29	-10.48	20.81	40.00	-19.19	-	-	QP
3	133.1511	44.39	-11.69	32.70	43.50	-10.80	-	-	QP
4	198.5880	30.49	-9.75	20.74	43.50	-22.76	-	-	QP
5	556.7744	28.23	-0.35	27.88	46.00	-18.12	-	-	QP
6	975.7529	27.22	2.49	29.71	54.00	-24.29	-	-	QP

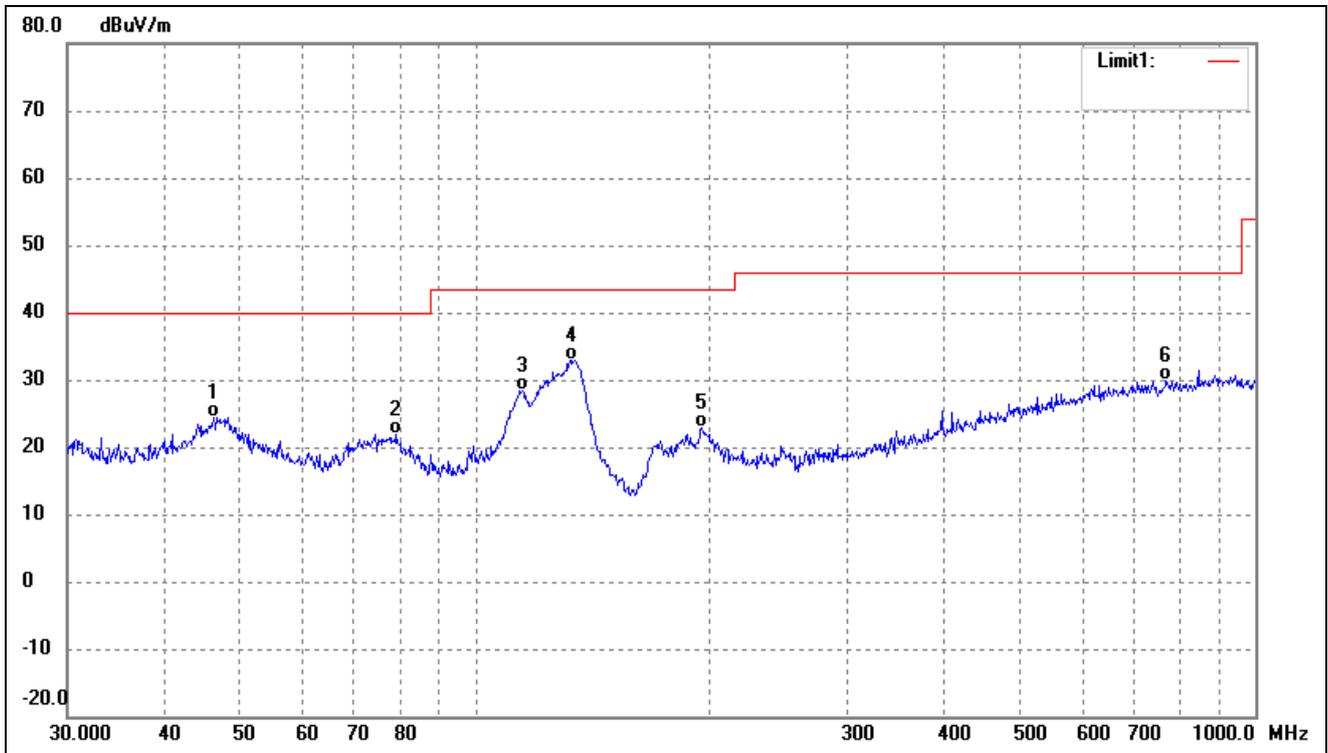
➤ 5250-5350MHz

802.11a(worst case)			
Test Channel	5320MHz(worst case)	Polarity:	Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	33.2112	31.51	-8.67	22.84	40.00	-17.16	-	-	QP
2	50.7637	27.26	-7.07	20.19	40.00	-19.81	-	-	QP
3	117.7725	32.93	-9.43	23.50	43.50	-20.00	-	-	QP
4	255.6231	28.13	-8.17	19.96	46.00	-26.04	-	-	QP
5	396.2415	32.74	-4.01	28.73	46.00	-17.27	-	-	QP
6	763.3757	28.39	1.85	30.24	46.00	-15.76	-	-	QP

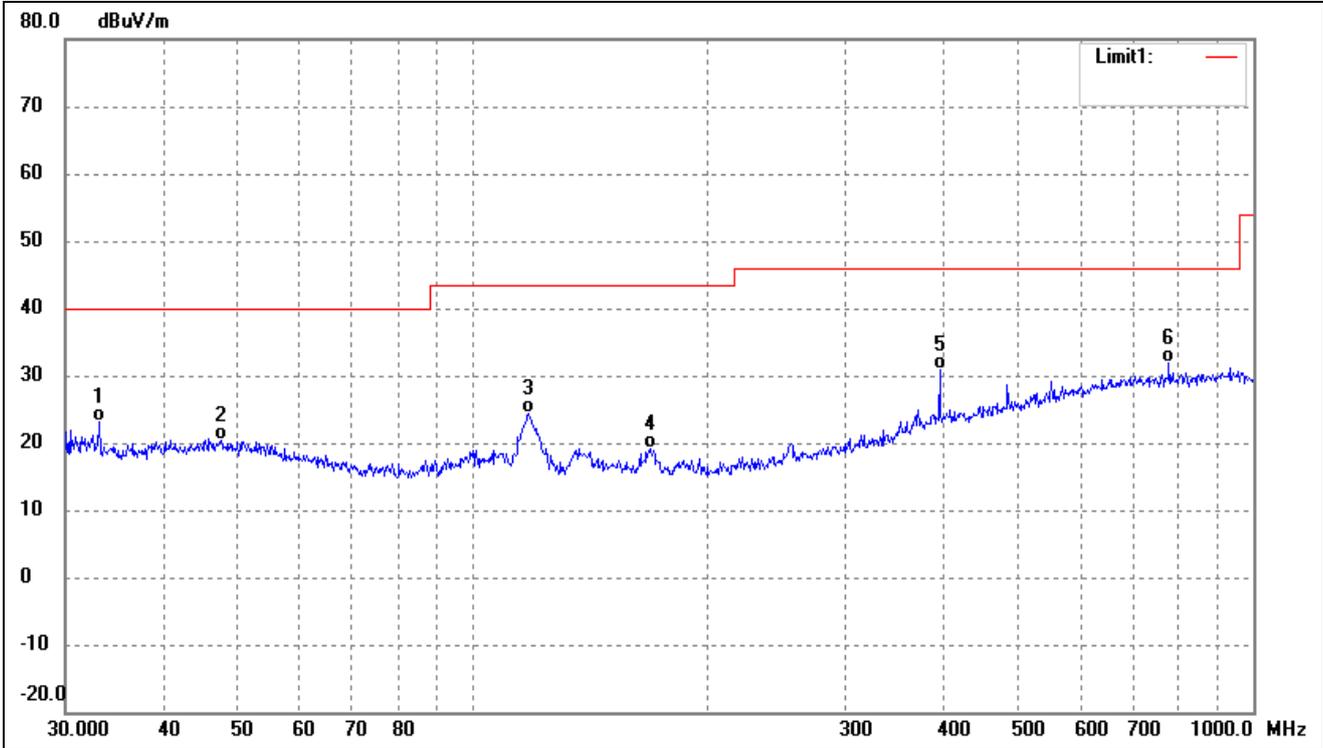
802.11a(worst case)			
Test Channel	5320MHz(worst case)	Polarity:	Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	46.1780	31.41	-6.98	24.43	40.00	-15.57	-	-	QP
2	79.2426	32.63	-10.69	21.94	40.00	-18.06	-	-	QP
3	114.9169	37.54	-9.23	28.31	43.50	-15.19	-	-	QP
4	133.1511	44.52	-11.69	32.83	43.50	-10.67	-	-	QP
5	195.1365	32.84	-9.87	22.97	43.50	-20.53	-	-	QP
6	768.7482	28.00	1.89	29.89	46.00	-16.11	-	-	QP

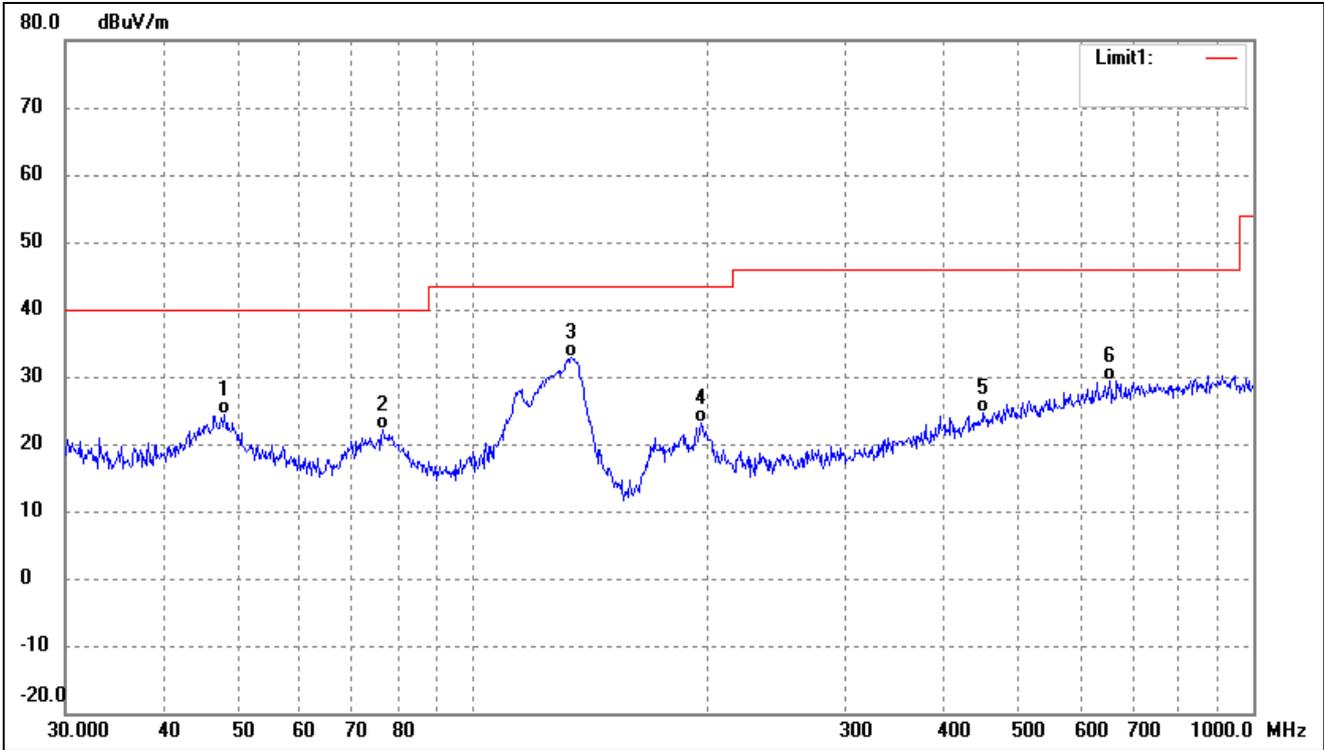
➤ 5470-5725MHz

802.11a(worst case)			
Test Channel	5500MHz(worst case)	Polarity:	Horizontal



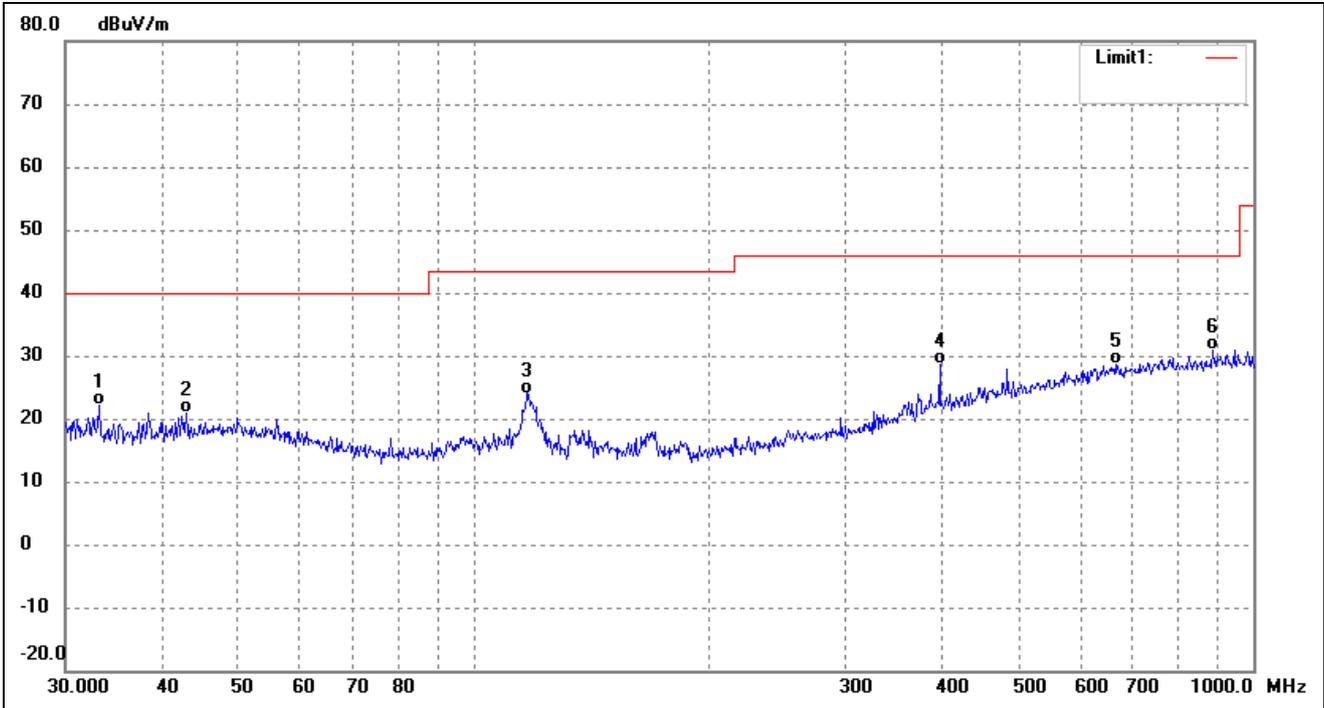
No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	33.2112	31.83	-8.67	23.16	40.00	-16.84	-	-	QP
2	47.4918	27.39	-6.97	20.42	40.00	-19.58	-	-	QP
3	117.7725	33.82	-9.43	24.39	43.50	-19.11	-	-	QP
4	169.0054	30.81	-11.76	19.05	43.50	-24.45	-	-	QP
5	396.2415	34.81	-4.01	30.80	46.00	-15.20	-	-	QP
6	779.6068	29.81	1.96	31.77	46.00	-14.23	-	-	QP

802.11a(worst case)			
Test Channel	5500MHz(worst case)	Polarity:	Vertical



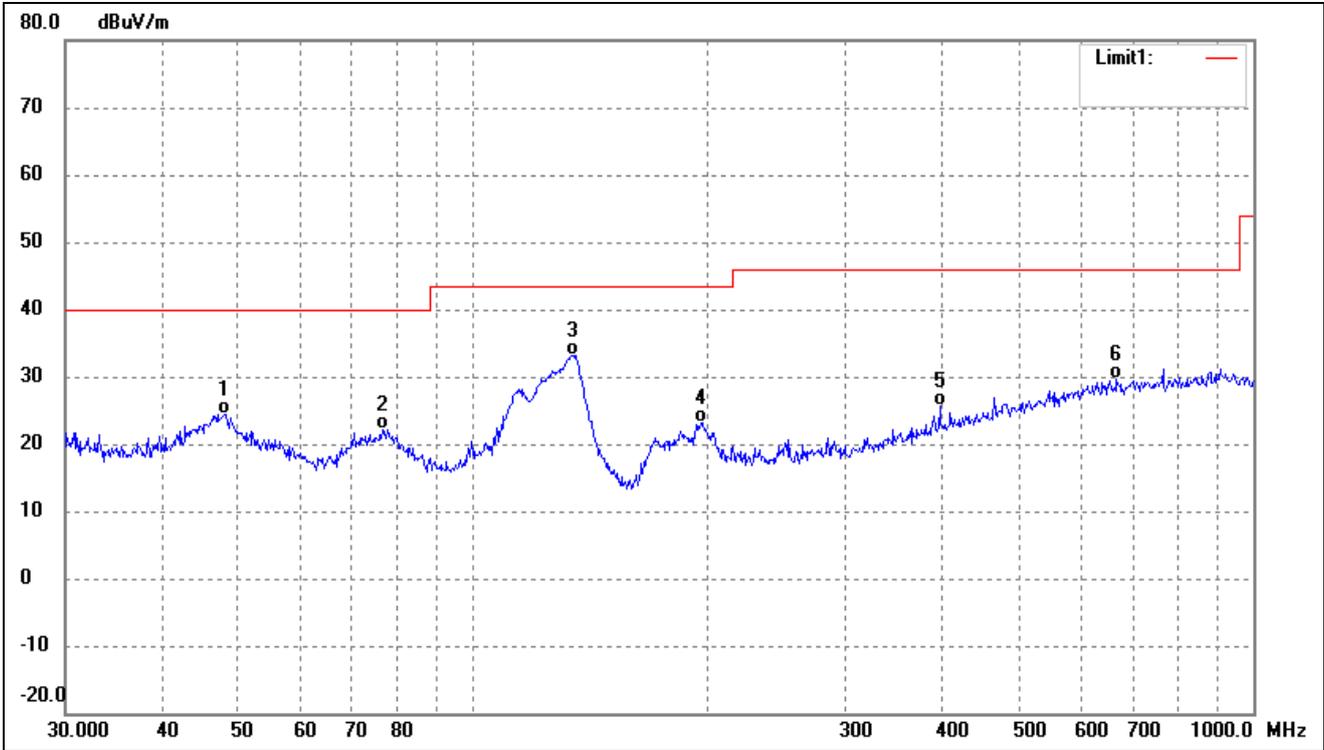
No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	47.9940	31.41	-6.97	24.44	40.00	-15.56	-	-	QP
2	76.5121	32.68	-10.54	22.14	40.00	-17.86	-	-	QP
3	133.6188	44.70	-11.74	32.96	43.50	-10.54	-	-	QP
4	195.8220	33.08	-9.85	23.23	43.50	-20.27	-	-	QP
5	451.1350	27.06	-2.53	24.53	46.00	-21.47	-	-	QP
6	654.2318	28.41	0.96	29.37	46.00	-16.63	-	-	QP

802.11a(worst case)			
Test Channel	5700MHz(worst case)	Polarity:	Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	33.0950	30.84	-8.69	22.15	40.00	-17.85	-	-	QP
2	42.8998	27.95	-6.99	20.96	40.00	-19.04	-	-	QP
3	117.3603	33.40	-9.40	24.00	43.50	-19.50	-	-	QP
4	396.2415	32.76	-4.01	28.75	46.00	-17.25	-	-	QP
5	665.8035	27.64	1.08	28.72	46.00	-17.28	-	-	QP
6	887.6099	28.23	2.66	30.89	46.00	-15.11	-	-	QP

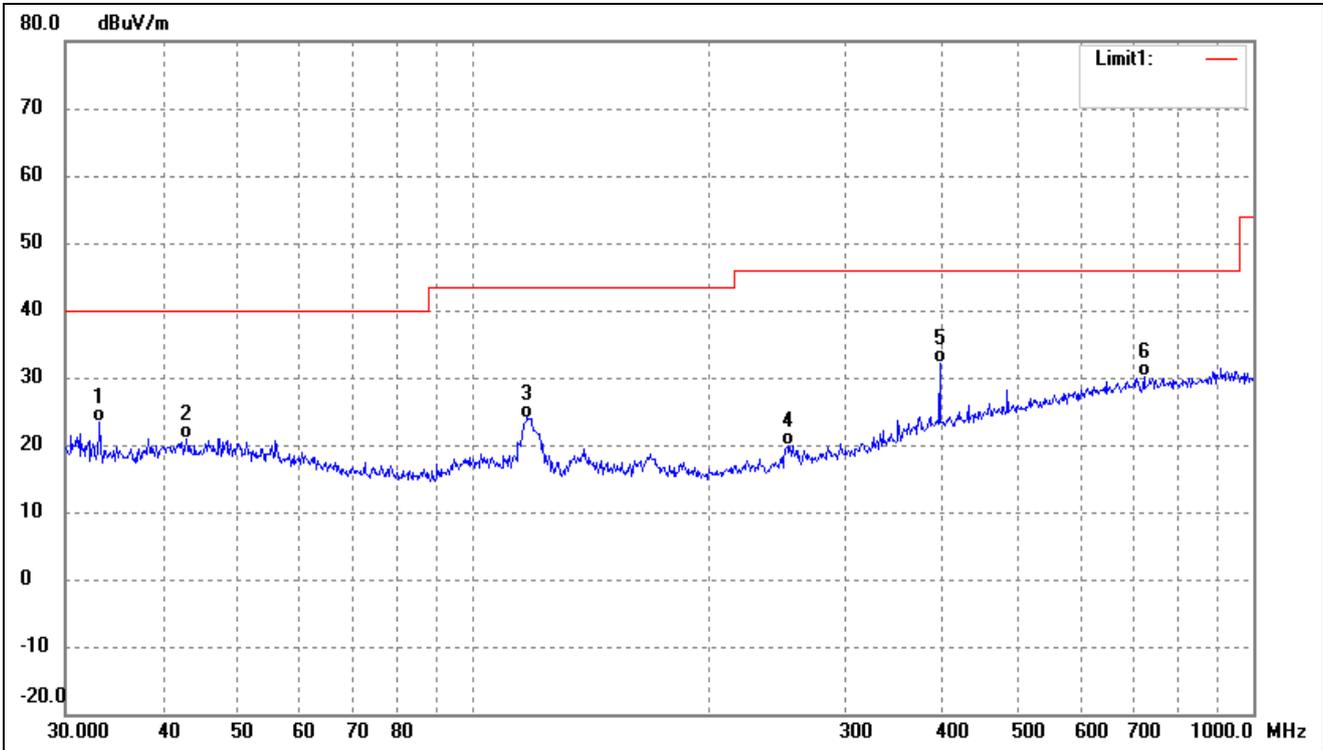
802.11a(worst case)			
Test Channel	5700MHz(worst case)	Polarity:	Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	47.9940	31.41	-6.97	24.44	40.00	-15.56	-	-	QP
2	76.5121	32.68	-10.54	22.14	40.00	-17.86	-	-	QP
3	134.0882	44.85	-11.78	33.07	43.50	-10.43	-	-	QP
4	195.8220	33.08	-9.85	23.23	43.50	-20.27	-	-	QP
5	396.2415	29.72	-4.01	25.71	46.00	-20.29	-	-	QP
6	668.1423	28.45	1.11	29.56	46.00	-16.44	-	-	QP

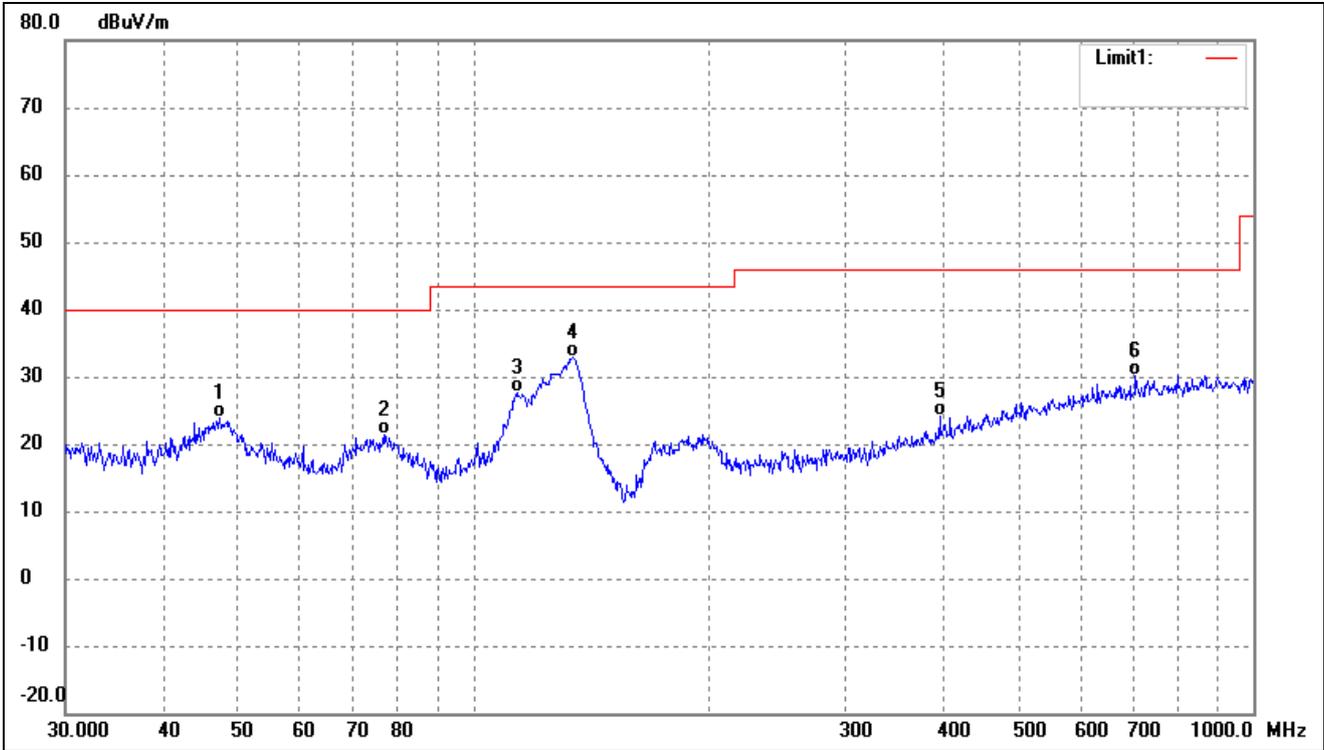
➤ 5725-5850MHz

802.11a(worst case)			
Test Channel	5745MHz(worst case)	Polarity:	Horizontal



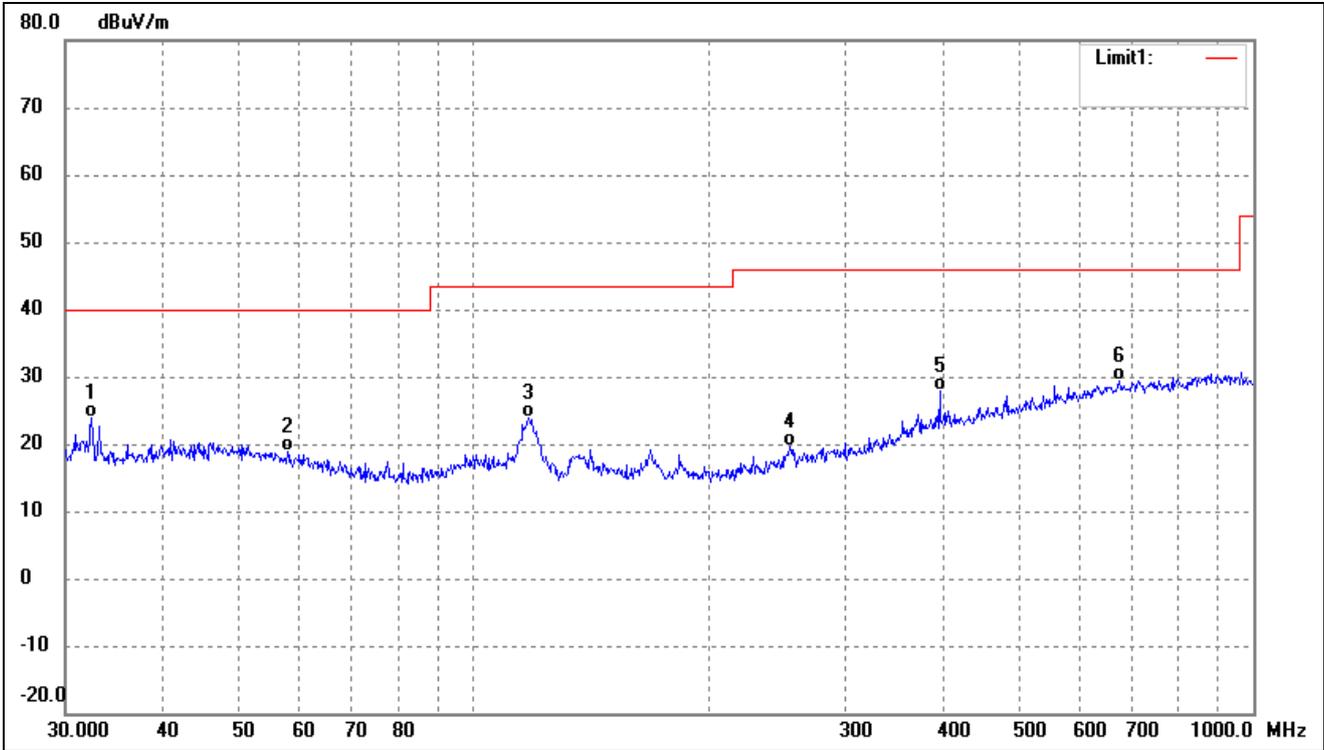
No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	33.2112	32.00	-8.67	23.33	40.00	-16.67	-	-	QP
2	42.8998	27.95	-6.99	20.96	40.00	-19.04	-	-	QP
3	117.3603	33.40	-9.40	24.00	43.50	-19.50	-	-	QP
4	252.9482	28.19	-8.23	19.96	46.00	-26.04	-	-	QP
5	396.2415	36.03	-4.01	32.02	46.00	-13.98	-	-	QP
6	724.2611	28.42	1.59	30.01	46.00	-15.99	-	-	QP

802.11a(worst case)			
Test Channel	5745MHz(worst case)	Polarity:	Vertical



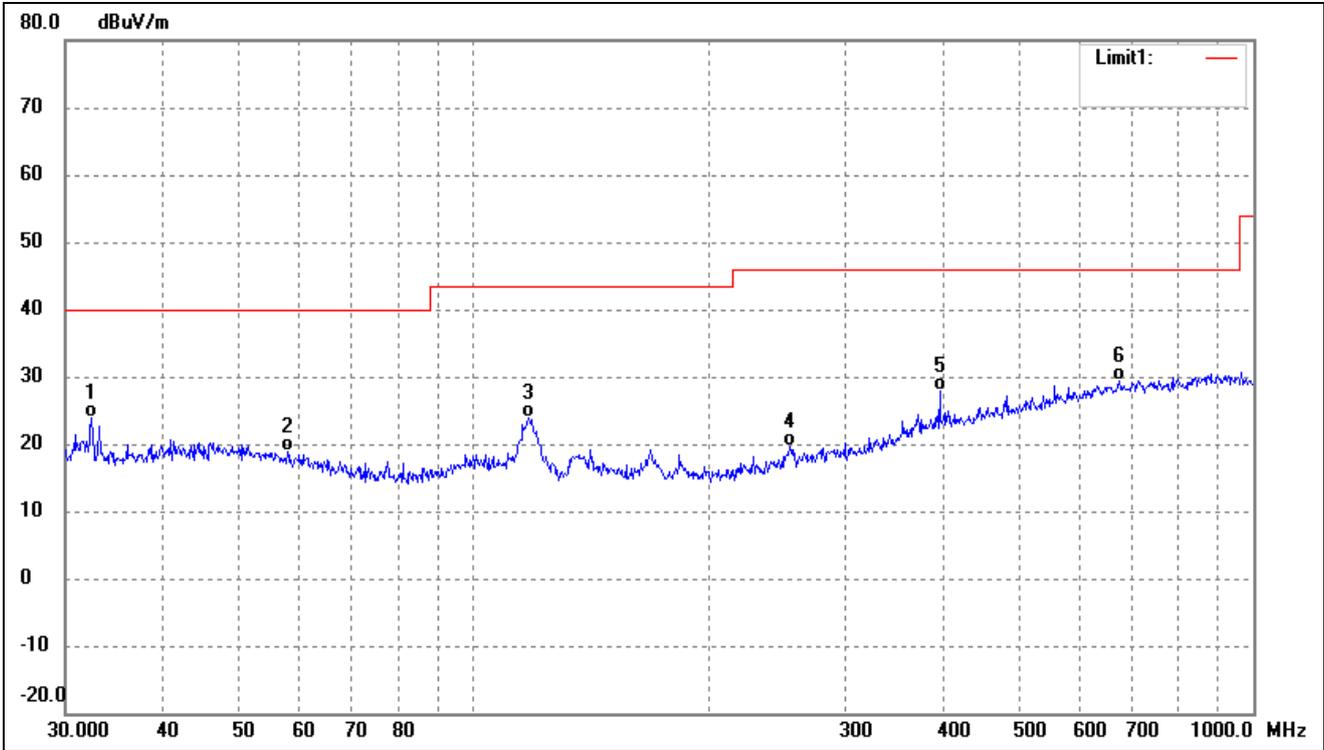
No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	47.3255	30.93	-6.97	23.96	40.00	-16.04	-	-	QP
2	76.7808	32.02	-10.56	21.46	40.00	-18.54	-	-	QP
3	114.1138	36.82	-9.17	27.65	43.50	-15.85	-	-	QP
4	134.0882	44.60	-11.78	32.82	43.50	-10.68	-	-	QP
5	396.2415	28.22	-4.01	24.21	46.00	-21.79	-	-	QP
6	706.6999	28.58	1.47	30.05	46.00	-15.95	-	-	QP

802.11a(worst case)			
Test Channel	5825MHz(worst case)	Polarity:	Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	32.4059	32.80	-8.85	23.95	40.00	-16.05	-	-	QP
2	57.7962	26.91	-8.10	18.81	40.00	-21.19	-	-	QP
3	117.7725	33.23	-9.43	23.80	43.50	-19.70	-	-	QP
4	254.7284	27.81	-8.19	19.62	46.00	-26.38	-	-	QP
5	396.2415	31.85	-4.01	27.84	46.00	-18.16	-	-	QP
6	672.8445	28.16	1.15	29.31	46.00	-16.69	-	-	QP

802.11a(worst case)			
Test Channel	5825MHz(worst case)	Polarity:	Vertical

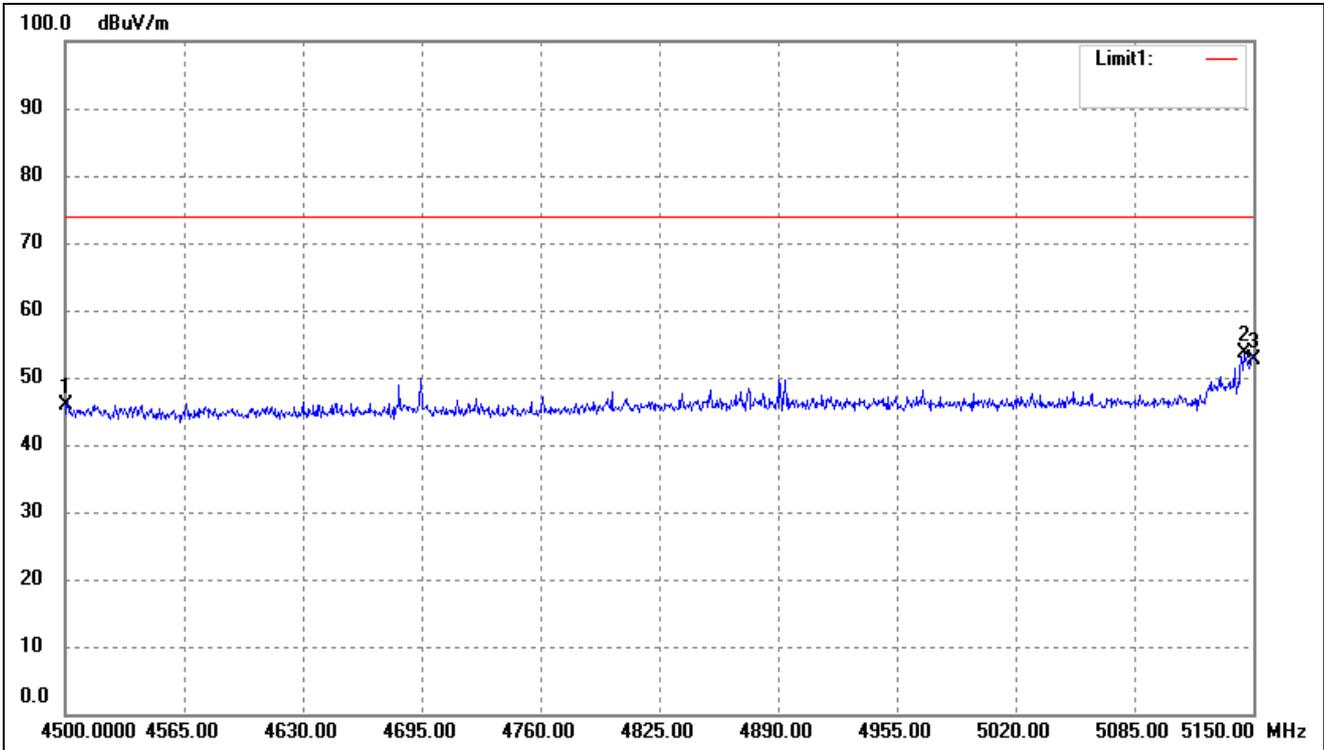


No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	32.4059	32.80	-8.85	23.95	40.00	-16.05	-	-	QP
2	57.7962	26.91	-8.10	18.81	40.00	-21.19	-	-	QP
3	117.7725	33.23	-9.43	23.80	43.50	-19.70	-	-	QP
4	254.7284	27.81	-8.19	19.62	46.00	-26.38	-	-	QP
5	396.2415	31.85	-4.01	27.84	46.00	-18.16	-	-	QP
6	672.8445	28.16	1.15	29.31	46.00	-16.69	-	-	QP

Remark: ‘-’Means’ the test Degree and Height are not recorded by the test software and only show the worst case in the test report.

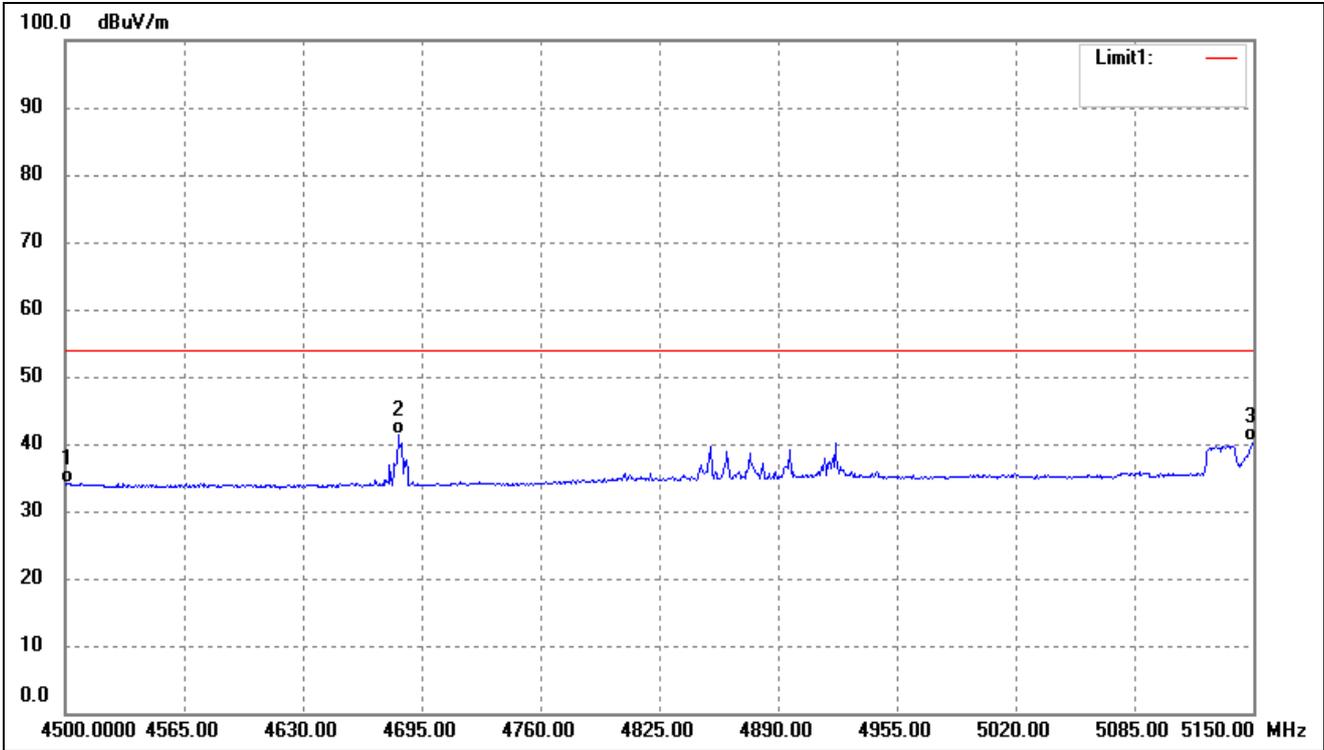
- Spurious Emission above 1GHz
- 5250-5350MHz

802.11a- Restricted Bandedge (worst case)			
Test Channel	band 4.50-5.15GHz	Polarity:	Horizontal (worst case)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	4500.000	52.71	-6.92	45.79	74.00	-28.21	-	-	peak
2	5144.800	58.90	-5.35	53.55	74.00	-20.45	-	-	peak
3	5150.000	58.08	-5.33	52.75	74.00	-21.25	-	-	peak

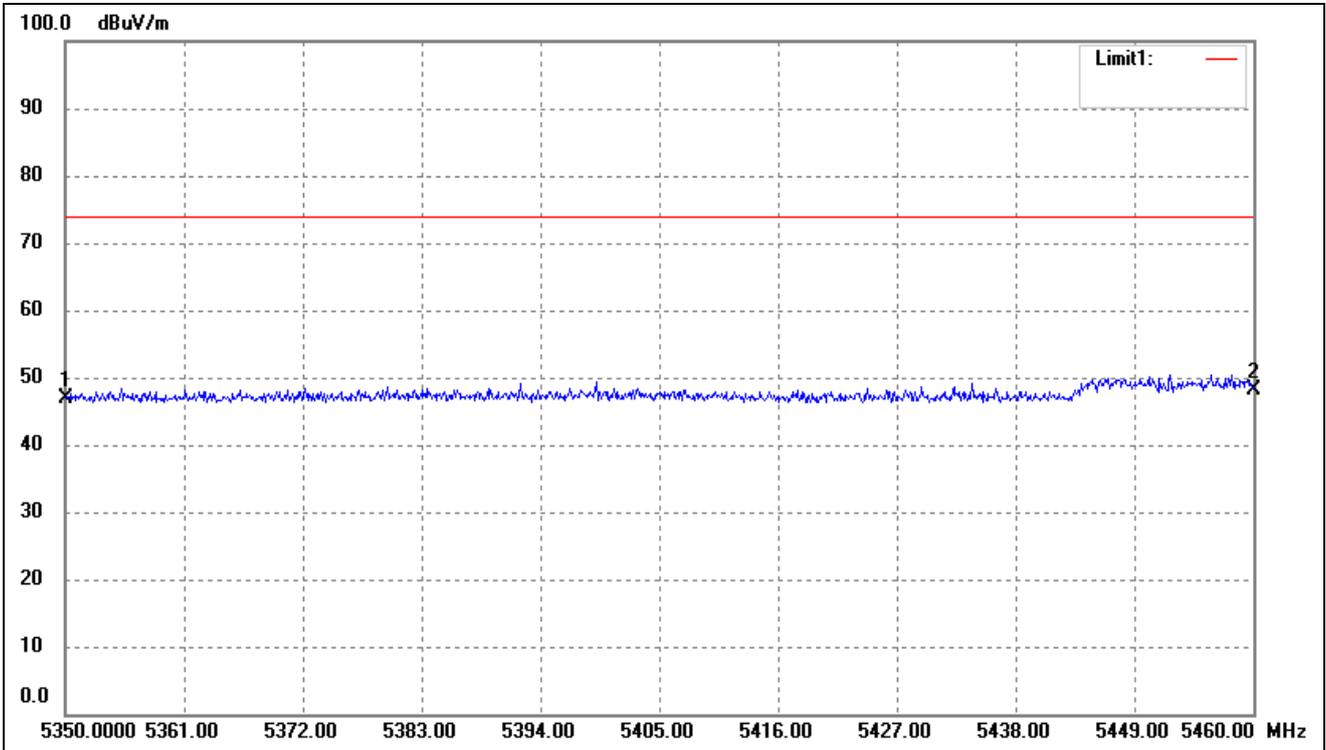
802.11a- Restricted Bandedge (worst case)			
Test Channel	band 4.50-5.15GHz	Polarity:	Horizontal (worst case)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	4500.000	41.06	-6.92	34.14	54.00	-19.86	-	-	AVG
2	4682.000	47.87	-6.44	41.43	54.00	-12.57	-	-	AVG
3	5150.000	45.73	-5.33	40.40	54.00	-13.60	-	-	AVG

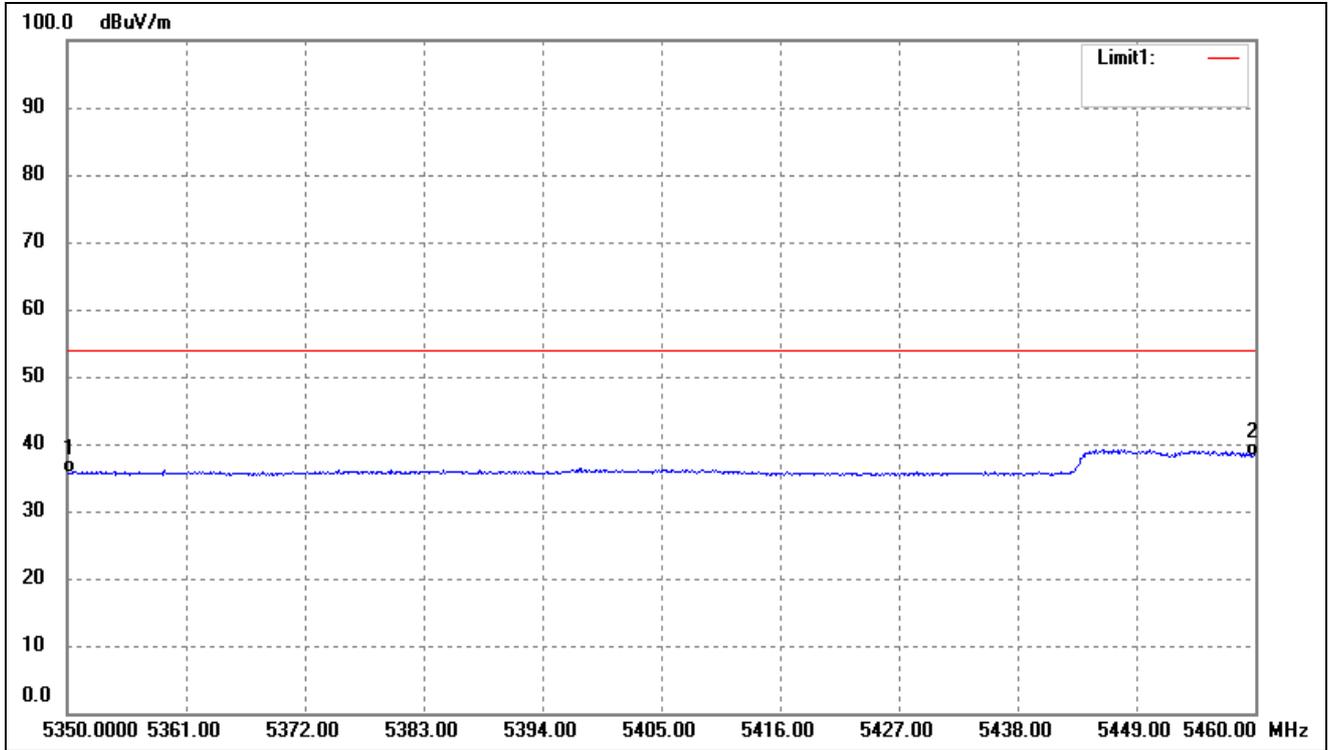
➤ 5470-5725MHz

802.11a- Restricted Bandedge (worst case)			
Test Channel	band 4.50-5.15GHz	Polarity:	Horizontal (worst case)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	5350.000	51.87	-4.97	46.90	74.00	-27.10	-	-	peak
2	5460.000	52.92	-4.77	48.15	74.00	-25.85	-	-	peak

802.11a- Restricted Bandedge (worst case)			
Test Channel	band 4.50-5.15GHz	Polarity:	Horizontal (worst case)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	5350.000	40.57	-4.97	35.60	54.00	-18.40	-	-	AVG
2	5460.000	42.79	-4.77	38.02	54.00	-15.98	-	-	AVG

Note: The Restricted Bandedge was tested in Horizontal /Vertical and the worst case position data was reported.

Remark: '- 'Means' the test Degree and Height is not recorded by the test software and only show the worst case in the test report.

- For the frequency band 5.15-5.25GHz, 5.250-5.350GHz, 5.470-5.725GHz, 5.725-5.850GHz (802.11a)
- Harmonics And Spurious Emissions

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5180MHz)							
10360	60.12	7.11	67.23	74	-6.77	H	PK
15540	36.44	8.22	44.66	54	-9.34	H	AV
10360	58.99	7.11	66.10	74	-7.90	V	PK
15540	40.50	8.22	48.72	54	-5.28	V	AV
Middle Channel (5200MHz)							
10400	57.43	7.22	64.65	74	-9.35	H	PK
15600	37.55	8.67	46.22	54	-7.78	H	AV
10400	59.72	7.22	66.94	74	-7.06	V	PK
15600	37.16	8.67	45.83	54	-8.17	V	AV
High Channel (5240MHz)							
10480	57.36	7.69	65.05	74	-8.95	H	PK
15720	38.32	8.93	47.25	54	-6.75	H	AV
10480	58.93	7.69	66.62	74	-7.38	V	PK
15720	39.43	8.93	48.36	54	-5.64	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5260MHz)							
10520	56.42	7.96	64.38	74	-9.62	H	PK
15780	36.74	9.02	45.76	54	-8.24	H	AV
10520	57.13	7.96	65.09	74	-8.91	V	PK
15780	38.16	9.02	47.18	54	-6.82	V	AV
Middle Channel (5280MHz)							
10560	57.57	8.02	65.59	74	-8.41	H	PK
15840	38.62	9.42	48.04	54	-5.96	H	AV
10560	59.99	8.02	68.01	74	-5.99	V	PK
15840	38.35	9.42	47.77	54	-6.23	V	AV
High Channel (5320MHz)							
10640	60.45	8.35	68.80	74	-5.20	H	PK
15960	34.68	9.63	44.31	54	-9.69	H	AV
10640	56.96	8.35	65.31	74	-8.69	V	PK
15960	34.56	9.63	44.19	54	-9.81	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5500MHz)							
11000	59.10	8.82	67.92	74	-6.08	H	PK
16500	36.58	9.88	46.46	54	-7.54	H	AV
11000	55.72	8.82	64.54	74	-9.46	V	PK
16500	34.18	9.88	44.06	54	-9.94	V	AV
Middle Channel (5600MHz)							
11200	60.28	8.92	69.20	74	-4.80	H	PK
16800	35.13	10.03	45.16	54	-8.84	H	AV
11200	55.51	8.92	64.43	74	-9.57	V	PK
16800	35.24	10.03	45.27	54	-8.73	V	AV
High Channel (5700MHz)							
11400	55.12	9.36	64.48	74	-9.52	H	PK
17100	35.23	10.25	45.48	54	-8.52	H	AV
11400	58.50	9.36	67.86	74	-6.14	V	PK
17100	34.70	10.25	44.95	54	-9.05	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5745MHz)							
11490	57.67	9.45	67.12	74	-6.88	H	PK
17235	36.56	10.36	46.92	54	-7.08	H	AV
11490	53.88	9.45	63.33	74	-10.67	V	PK
17235	36.81	10.36	47.17	54	-6.83	V	AV
Middle Channel (5785MHz)							
11570	57.83	9.45	67.28	74	-6.72	H	PK
17355	37.52	10.36	47.88	54	-6.12	H	AV
11570	57.42	9.45	66.87	74	-7.13	V	PK
17355	35.99	10.36	46.35	54	-7.65	V	AV
High Channel (5825MHz)							
11650	56.86	9.84	66.70	74	-7.30	H	PK
17475	36.25	10.95	47.20	54	-6.80	H	AV
11650	55.56	9.84	65.40	74	-8.60	V	PK
17475	37.39	10.95	48.34	54	-5.66	V	AV

➤ Out of Band edge for 5150-5250MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-35.26	-27
Highest	Above 5350	-42.04	-27

Note: the data just list the worst cases

➤ Out of Band edge for 5250-5350MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-34.09	-27
Highest	Above 5350	-36.38	-27

Note: the data just list the worst cases

➤ Out of Band edge for 5470-5725MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5470	-38.94	-27
Highest	Above 5725	-36.47	-27

Note: the data just list the worst cases

➤ Out of Band edge for 5725-5850MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5715	-36.29	-27
	5715 to 5725	-39.29	-17
Highest	5850 to 5860	-39.47	-17
	Above 5860	-41.05	-27

Note: the data just list the worst cases

- For the frequency band 5.15-5.25GHz, 5.250-5.350GHz, 5.470-5.725GHz, 5.725-5.850GHz (802.11n HT20)
- Harmonics And Spurious Emissions

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5180MHz)							
10360	57.11	7.11	64.22	74	-9.78	H	PK
15540	37.51	8.22	45.73	54	-8.27	H	AV
10360	61.44	7.11	68.55	74	-5.45	V	PK
15540	40.63	8.22	48.85	54	-5.15	V	AV
Middle Channel (5200MHz)							
10400	59.04	7.11	66.15	74	-7.85	H	PK
15600	40.59	8.22	48.81	54	-5.19	H	AV
10400	59.44	7.11	66.55	74	-7.45	V	PK
15600	38.94	8.22	47.16	54	-6.84	V	AV
High Channel (5240MHz)							
10480	59.50	7.69	67.19	74	-6.81	H	PK
15720	38.09	8.93	47.02	54	-6.98	H	AV
10480	59.70	7.69	67.39	74	-6.61	V	PK
15720	35.66	8.93	44.59	54	-9.41	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5260MHz)							
10360	57.11	7.11	64.22	74	-9.78	H	PK
15540	37.51	8.22	45.73	54	-8.27	H	AV
10360	61.44	7.11	68.55	74	-5.45	V	PK
15540	40.63	8.22	48.85	54	-5.15	V	AV
Middle Channel (5200MHz)							
10400	59.04	7.11	66.15	74	-7.85	H	PK
15600	40.59	8.22	48.81	54	-5.19	H	AV
10400	59.44	7.11	66.55	74	-7.45	V	PK
15600	38.94	8.22	47.16	54	-6.84	V	AV
High Channel (5240MHz)							
10480	59.50	7.69	67.19	74	-6.81	H	PK
15720	38.09	8.93	47.02	54	-6.98	H	AV
10480	59.70	7.69	67.39	74	-6.61	V	PK
15720	35.66	8.93	44.59	54	-9.41	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5500MHz)							
11000	56.34	8.82	65.16	74	-8.84	H	PK
16500	36.47	9.88	46.35	54	-7.65	H	AV
11000	59.20	8.82	68.02	74	-5.98	V	PK
16500	32.55	9.88	42.43	54	-11.57	V	AV
Middle Channel (5600MHz)							
11200	56.91	8.82	65.73	74	-8.27	H	PK
16800	38.27	9.88	48.15	54	-5.85	H	AV
11200	57.07	8.82	65.89	74	-8.11	V	PK
16800	37.39	9.88	47.27	54	-6.73	V	AV
High Channel (5700MHz)							
11400	57.01	9.36	66.37	74	-7.63	H	PK
17100	36.90	10.25	47.15	54	-6.85	H	AV
11400	56.29	9.36	65.65	74	-8.35	V	PK
17100	36.11	10.25	46.36	54	-7.64	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5745MHz)							
11490	57.80	9.45	67.25	74	-6.75	H	PK
17235	36.10	10.36	46.46	54	-7.54	H	AV
11490	58.34	9.45	67.79	74	-6.21	V	PK
17235	35.61	10.36	45.97	54	-8.03	V	AV
Middle Channel (5785MHz)							
11570	57.71	9.62	67.33	74	-6.67	H	PK
17355	36.06	10.67	46.73	54	-7.27	H	AV
11570	55.36	9.62	64.98	74	-9.02	V	PK
17355	34.04	10.67	44.71	54	-9.29	V	AV
High Channel (5825MHz)							
11650	57.05	9.84	66.89	74	-7.11	H	PK
17475	34.17	10.95	45.12	54	-8.88	H	AV
11650	55.75	9.84	65.59	74	-8.41	V	PK
17475	34.40	10.95	45.35	54	-8.65	V	AV

➤ Out of Band edge 5150-5250MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-31.37	-27
Highest	Above 5350	-40.06	-27

Note: the data just list the worst cases

➤ Out of Band edge for 5250-5350MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-38.64	-27
Highest	Above 5350	-36.29	-27

Note: the data just list the worst cases

➤ Out of Band edge for 5470-5725MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5470	-39.49	-27
Highest	Above 5725	-35.90	-27

Note: the data just list the worst cases

➤ Out of Band edge for 5725-5850MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5715	-46.19	-27
	5715 to 5725	-33.24	-17
Highest	5850 to 5860	-34.74	-17
	Above 5860	-40.96	-27

Note: the data just list the worst cases

Note: this EUT was tested in the low, high channel and the worst case position data was reported.

- For the frequency band 5.15-5.25GHz, 5.250-5.350GHz, 5.470-5.725GHz, 5.725-5.850GHz (802.11n HT40)
- Harmonics And Spurious Emissions

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5190MHz)							
10380	56.81	7.25	64.06	74	-9.94	H	PK
15570	36.16	8.33	44.49	54	-9.51	H	AV
10380	60.00	7.25	67.25	74	-6.75	V	PK
15570	35.55	8.33	43.88	54	-10.12	V	AV
High Channel (5230MHz)							
10460	58.31	7.54	65.85	74	-8.15	H	PK
15690	38.77	8.86	47.63	54	-6.37	H	AV
10460	59.05	7.54	66.59	74	-7.41	V	PK
15690	39.42	8.86	48.28	54	-5.72	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5270MHz)							
10540	56.46	8.12	64.58	74	-9.42	H	PK
15810	37.51	9.24	46.75	54	-7.25	H	AV
10540	57.45	8.12	65.57	74	-8.43	V	PK
15810	38.38	9.24	47.62	54	-6.38	V	AV
High Channel (5310MHz)							
10620	58.04	8.30	66.34	74	-7.66	H	PK
15930	36.70	9.45	46.15	54	-7.85	H	AV
10620	56.63	8.30	64.93	74	-9.07	V	PK
15930	36.58	9.45	46.03	54	-7.97	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5510MHz)							
11020	57.12	8.30	65.42	74	-8.58	H	PK
16530	35.43	9.45	44.88	54	-9.12	H	AV
11020	56.62	8.30	64.92	74	-9.08	V	PK
16530	34.72	9.45	44.17	54	-9.83	V	AV
Middle Channel (5590MHz)							
11180	55.45	9.12	64.57	74	-9.43	H	PK
16770	34.95	10.12	45.07	54	-8.93	H	AV
11180	56.57	9.12	65.69	74	-8.31	V	PK
16770	38.79	10.12	48.91	54	-5.09	V	AV
High Channel (5670MHz)							
11340	55.14	9.39	64.53	74	-9.47	H	PK
17010	37.54	10.22	47.76	54	-6.24	H	AV
11340	57.79	9.39	67.18	74	-6.82	V	PK
17010	35.11	10.22	45.33	54	-8.67	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5755MHz)							
11510	56.19	9.65	65.84	74	-8.16	H	PK
17265	38.00	10.87	48.87	54	-5.13	H	AV
11510	56.88	9.65	66.53	74	-7.47	V	PK
17265	36.35	10.87	47.22	54	-6.78	V	AV
High Channel (5795MHz)							
11590	55.18	9.65	64.83	74	-9.17	H	PK
17385	34.17	10.87	45.04	54	-8.96	H	AV
11590	57.42	9.65	67.07	74	-6.93	V	PK
17385	35.90	10.87	46.77	54	-7.23	V	AV

➤ Out of Band edge for 5150-5250MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-41.23	-27
Highest	Above 5350	-42.85	-27

Note: the data just list the worst cases

➤ Out of Band edge for 5250-5350MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-40.57	-27
Highest	Above 5350	-41.08	-27

Note: the data just list the worst cases

➤ Out of Band edge for 5470-5725MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5470	-37.55	-27
Highest	Above 5725	-41.09	-27

Note: the data just list the worst cases

➤ Out of Band edge for 5725-5850MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5715	-41.23	-27
	5715 to 5725	-39.71	-17
Highest	5850 to 5860	-43.89	-17
	Above 5860	-40.75	-27

Note: the data just list the worst cases

Note: Testing is carried out with frequency rang 9kHz to the tenth harmonics, other than listed in the table above are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

6. Conducted Emissions

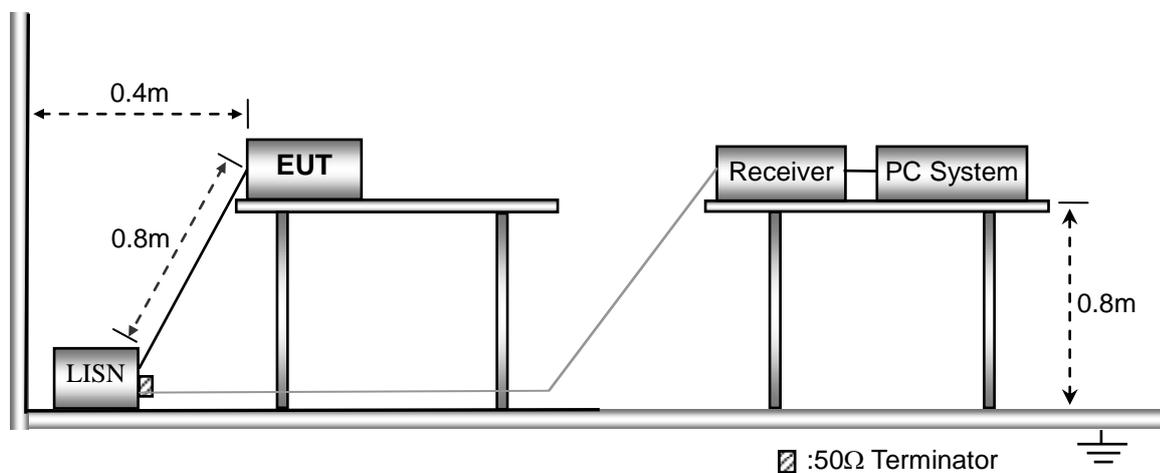
6.1 Test Procedure

The setup of EUT is according with per ANSI C63.10-2013 measurement procedure. The specification used was with the FCC Part 15.207 Limit.

The external I/O cables were draped along the test table and formed a bundle 30 to 40cm long in the middle.

The spacing between the peripherals was 10cm.

10.2 Basic Test Setup Block Diagram



6.3 Test Receiver Setup

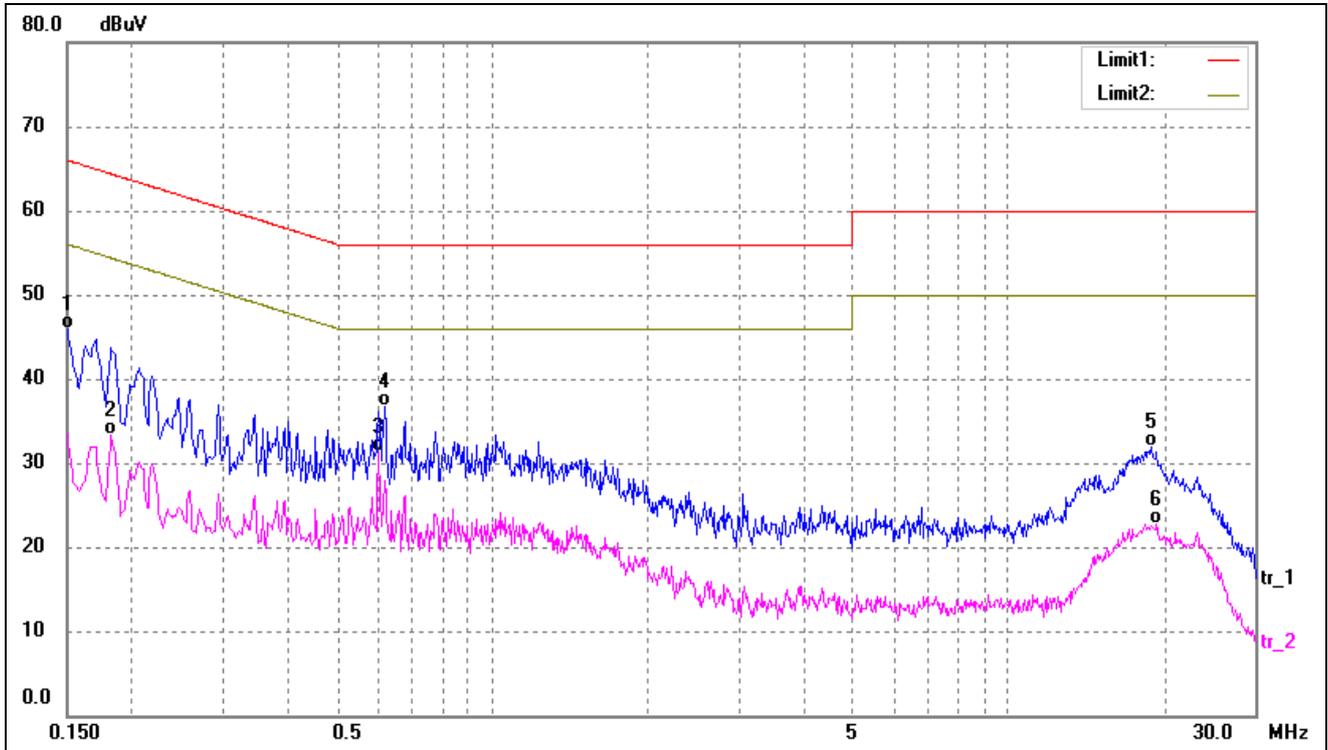
During the conducted emission test, the test receiver was set with the following configurations:

Start Frequency	150kHz
Stop Frequency	30MHz
Sweep Speed	Auto
IF Bandwidth.....	10kHz
Quasi-Peak Adapter Bandwidth	9kHz
Quasi-Peak Adapter Mode	Normal

6.4 Summary of Test Results/Plots

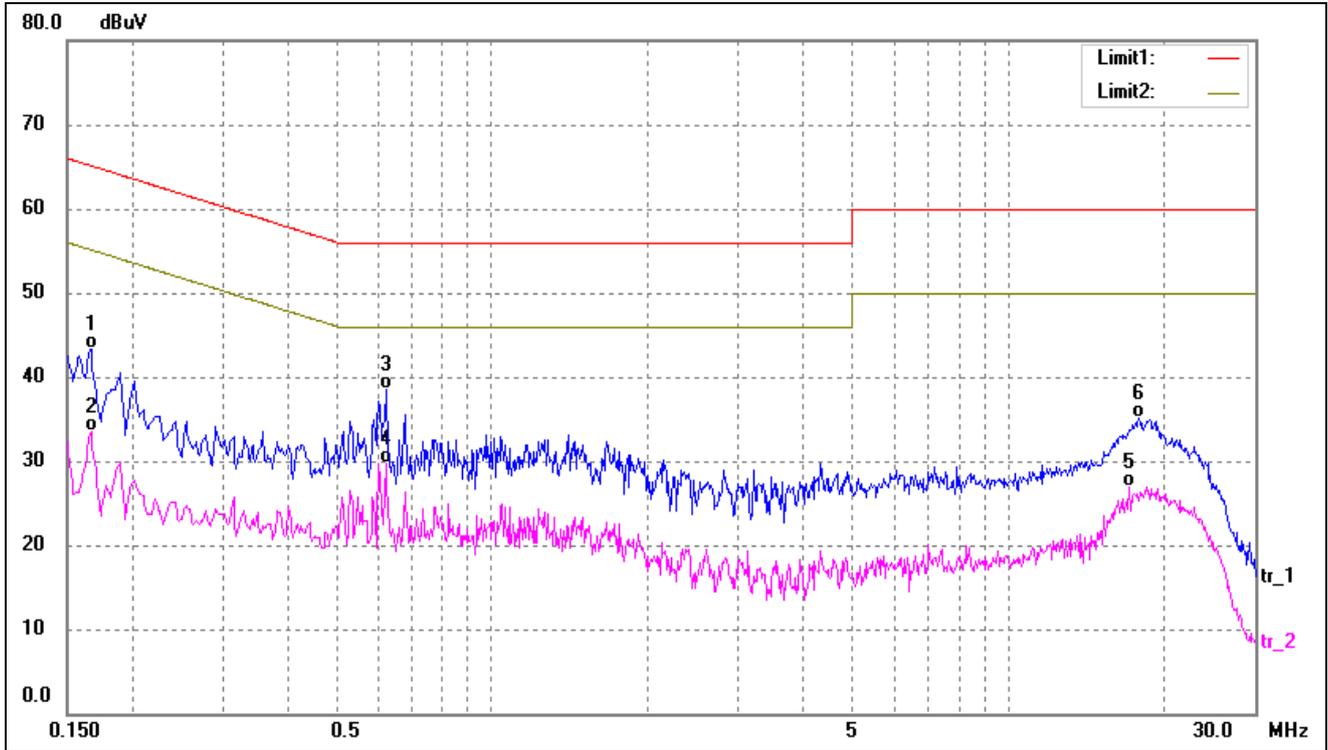
K101-IM2QD02-C2

Test Mode	Communication	AC120V 60Hz	Polarity:	Neutral
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No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1500	35.59	10.38	45.97	66.00	-20.03	QP
2	0.1820	22.89	10.37	33.26	54.39	-21.13	AVG
3*	0.6020	20.99	10.32	31.31	46.00	-14.69	AVG
4	0.6180	26.34	10.33	36.67	56.00	-19.33	QP
5	18.9140	21.72	10.23	31.95	60.00	-28.05	QP
6	19.3660	12.51	10.24	22.75	50.00	-27.25	AVG

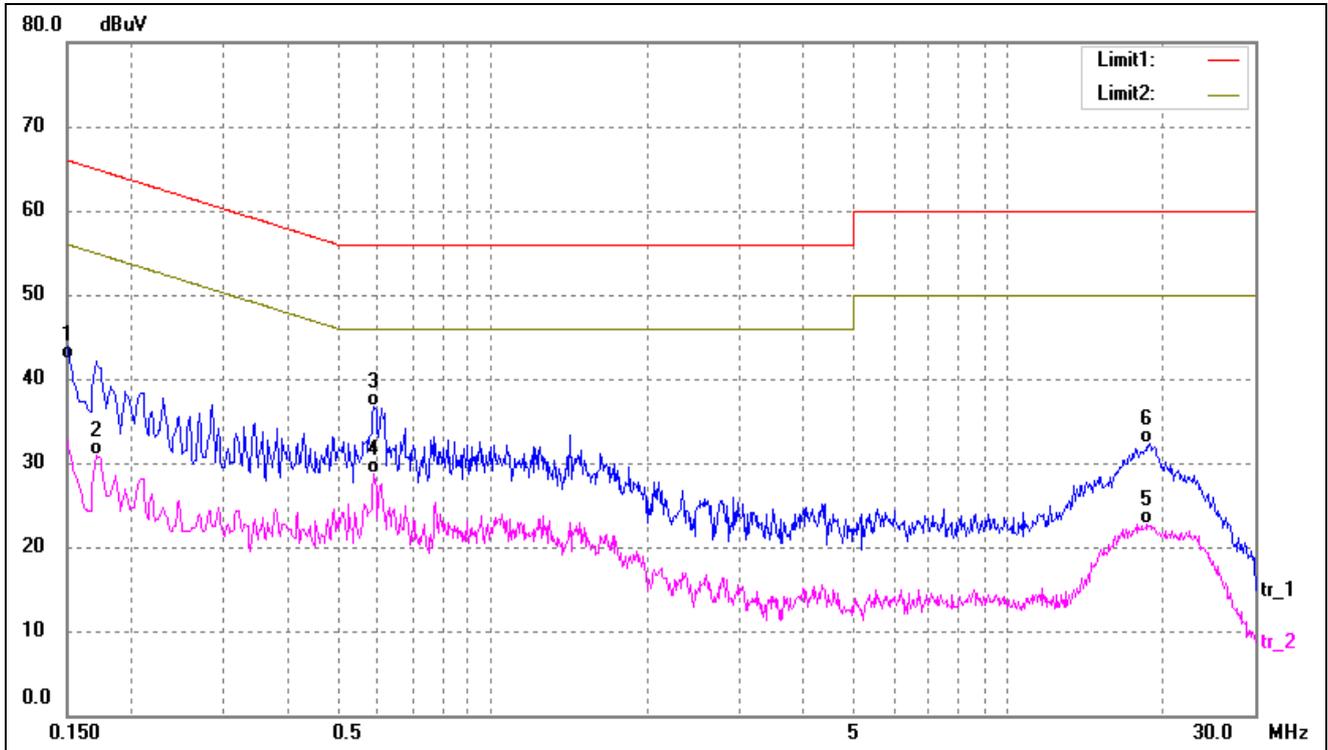
Test Mode	Communication	AC120V 60Hz	Polarity:	Line
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No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1660	32.97	10.37	43.34	65.16	-21.82	QP
2	0.1660	23.04	10.37	33.41	55.16	-21.75	AVG
3	0.6220	28.22	10.33	38.55	56.00	-17.45	QP
4*	0.6220	19.35	10.33	29.68	46.00	-16.32	AVG
5	17.1340	16.75	10.19	26.94	50.00	-23.06	AVG
6	17.8820	24.85	10.21	35.06	60.00	-24.94	QP

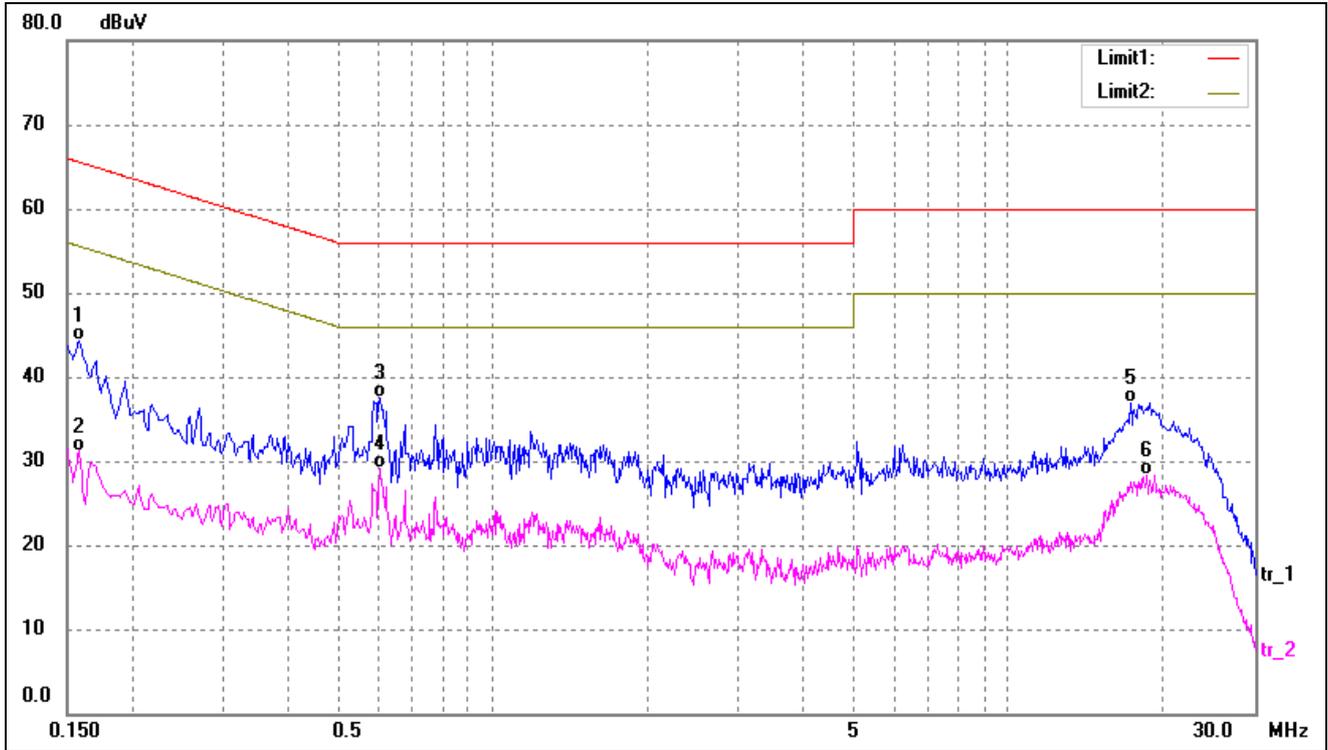
SPEC-WJWX 101196A

Test Mode	Communication	AC120V 60Hz	Polarity:	Neutral
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No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1516	31.94	10.37	42.31	65.91	-23.60	QP
2	0.1700	20.59	10.37	30.96	54.96	-24.00	AVG
3	0.5900	26.44	10.31	36.75	56.00	-19.25	QP
4*	0.5900	18.43	10.31	28.74	46.00	-17.26	AVG
5	18.6020	12.48	10.22	22.70	50.00	-27.30	AVG
6	18.8100	22.06	10.23	32.29	60.00	-27.71	QP

Test Mode	Communication	AC120V 60Hz	Polarity:	Line
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No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1580	33.92	10.37	44.29	65.57	-21.28	QP
2	0.1580	20.83	10.37	31.20	55.57	-24.37	AVG
3	0.6060	27.15	10.32	37.47	56.00	-18.53	QP
4*	0.6060	18.72	10.32	29.04	46.00	-16.96	AVG
5	17.2820	26.72	10.20	36.92	60.00	-23.08	QP
6	18.5260	18.15	10.22	28.37	50.00	-21.63	AVG

APPENDIX PHOTOGRAPHS

Please refer to “ANNEX”

******* END OF REPORT *******