

TEST REPORT

Reference No...... : WTX21X11131153W-1
FCC ID : 2AABK-SKYV3
Applicant : 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
Test Model. : SKYV3
Standards : FCC Part 15.407
Date of Receipt sample : Nov. 29, 2021
Date of Test..... : Nov. 29, 2021 to Dec. 10, 2021
Date of Issue : Dec. 10, 2021
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 compiler and approver.



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Report version

Version No.	Date of issue	Description
Rev.00	Dec. 10, 2021	Original
/	/	/

1. GENERAL INFORMATION

1.1 Product Description for Equipment Under Test (EUT)

Client Information

Applicant: Shenzhen Chuangwei Electronic Appliance Tech Co., Ltd.
 Address of applicant: 4F & 6F, Overseas plant south, Skyworth Industrial Park,
 Shiyan Street, Bao'an District, Shenzhen, China

Manufacturer: Shenzhen Chuangwei Electronic Appliance Tech Co., Ltd.
 Address of manufacturer: 4F & 6F, Overseas plant south, Skyworth Industrial Park,
 Shiyan Street, Bao'an District, Shenzhen, China

General Description of EUT	
Product Name:	10 inch WIFI Digital Photo Frame
Trade Name:	Skylight
Model No.:	SKYV3
Adding Model(s):	/
Rated Voltage:	DC 5V
Battery Capacity:	/
Power Adapter:	MODEL: S005A02 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:	9.63dBm (Conducted)
Type of Modulation:	BPSK, QPSK,16QAM,64QAM
Quantity of Channels:	15
Type of Antenna:	Integral Antenna
Antenna Gain:	3.58dBi

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

Run adb commands and follow the instructions given by the manufacturer, you can start to test. During testing, Channel and Power Controlling commands provided by the customer was used to control the operating channel as well as the output power level. Test use the customer default power level, and to measure its highest possible emissions level, more detailed description as follows:

Mode	Test Frequency (MHz)												
	NCB: 20MHz												
	5180	5200	5240	5260	5300	5320	5500	5580	5700	5720	5745	5785	5825
802.11a 6Mbps	48	48	48	48	48	48	48	48	48	/	48	48	48
802.11n-HT20 MCS0	48	48	48	48	48	48	48	48	48	/	48	48	48
Mode	NCB: 40MHz												
	5190	5230	5270	5310	5510	5550	5670	5710	5755	5795			
802.11n-HT40 MCS0	48	48	48	48	48	48	48	/	48				

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,5600MHz,5700MHz,5745MHz, 5785MHz,5825MHz
TM3	802.11n-HT40	5190MHz,5230MHz,5270MHz,5310MHz,5510MHz,5590MHz,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 for screen model are: SAT101AT40I28Y03-26228M022IB-438 and SPEC-WJWX101196A.		

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
DC Cable	1.8	Unshielded	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
Computer	Lenovo	TianYi310-14ISK	/

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-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-1043	Amplifier	C&D	PAP-1G18	2002	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
SEMT-1042	Horn Antenna	ETS	3117	00086197	2021-03-19	2023-03-18
SEMT-1121	Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170582	2021-04-27	2023-04-26
SEMT-1169	Pre-amplifier	Direction Systems Inc.	PAP-2640	14145-14153	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	MY45450376	2021-03-27	2022-03-26
SEMT-1076	RF Switcher	Top Precision	RCS03-A2	/	2021-03-19	2023-03-18
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	/	/	/

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	Compliant
§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 WTX21X05051655W-1.

Note: Report is for C2PC only. The test data includes Conducted Emission and Radiated 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 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (4) For transmitters operating in the 5.725-5.85 GHz band:
 - (i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

According to §15.407(b)(6), Unwanted emissions below 1 GHz 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.

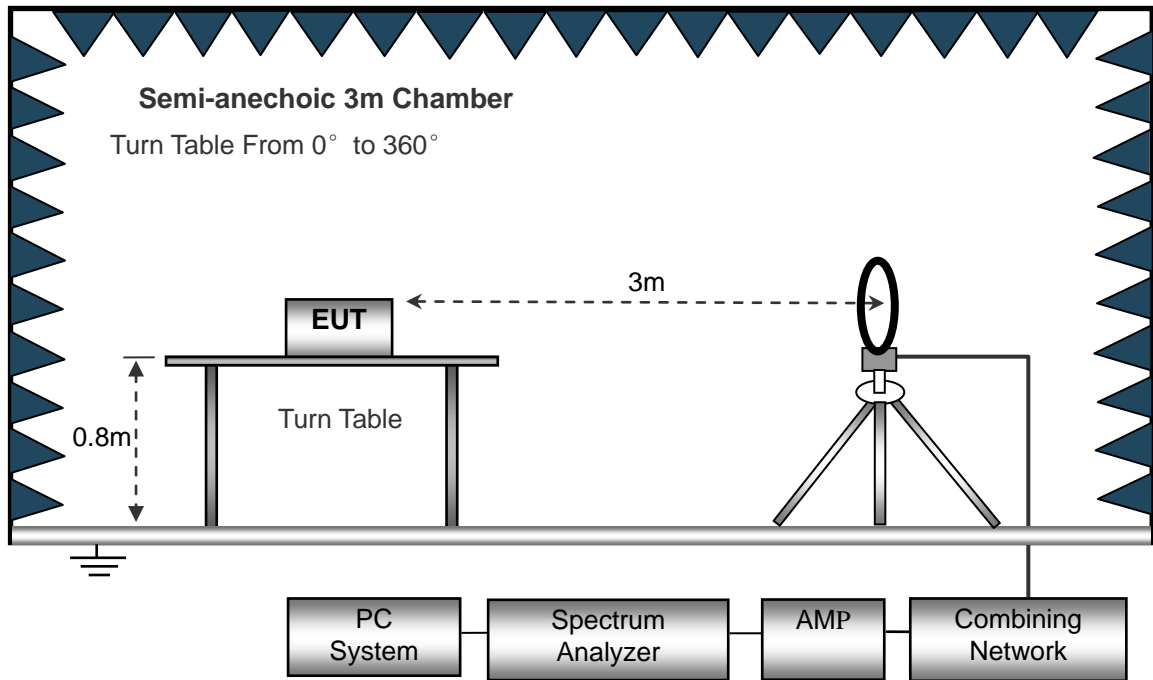
5.2 Test Procedure

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..

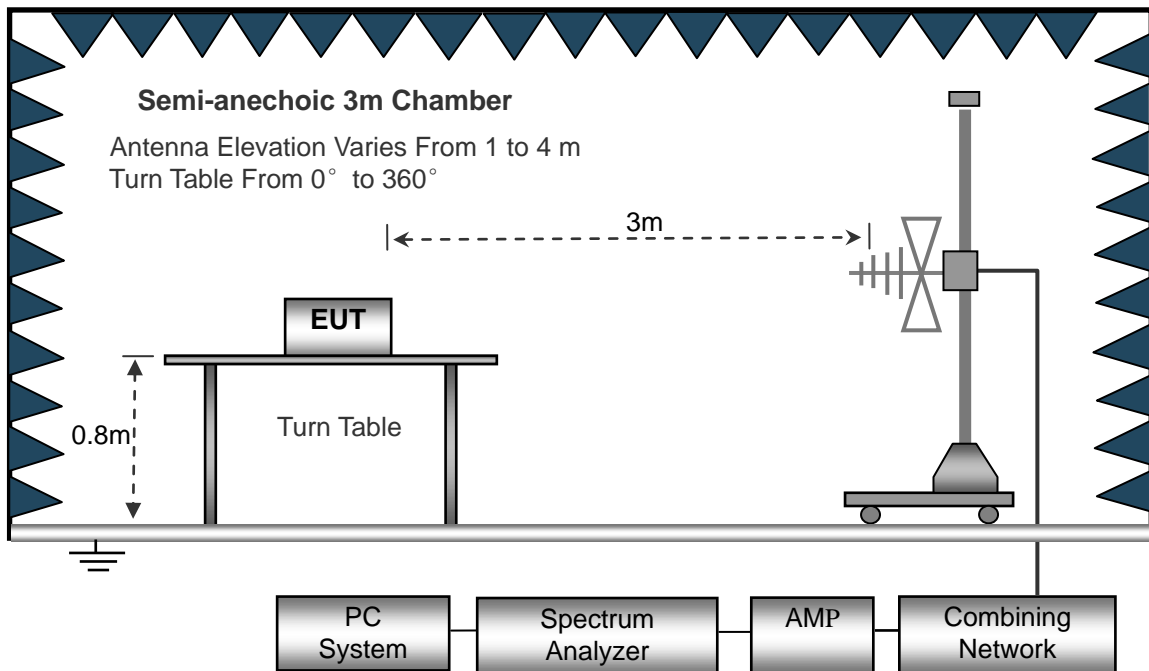
The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle.

The spacing between the peripherals was 10 cm.

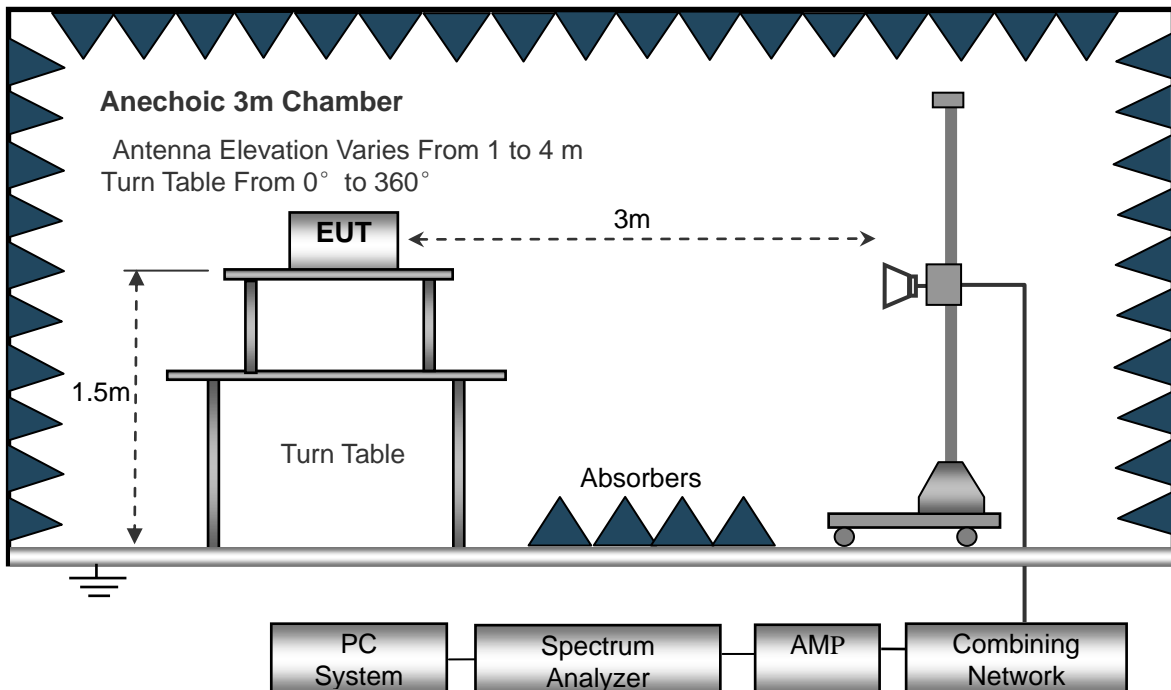
The test setup for emission measurement below 30MHz..



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



The test setup for emission measurement above 1 GHz..



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:

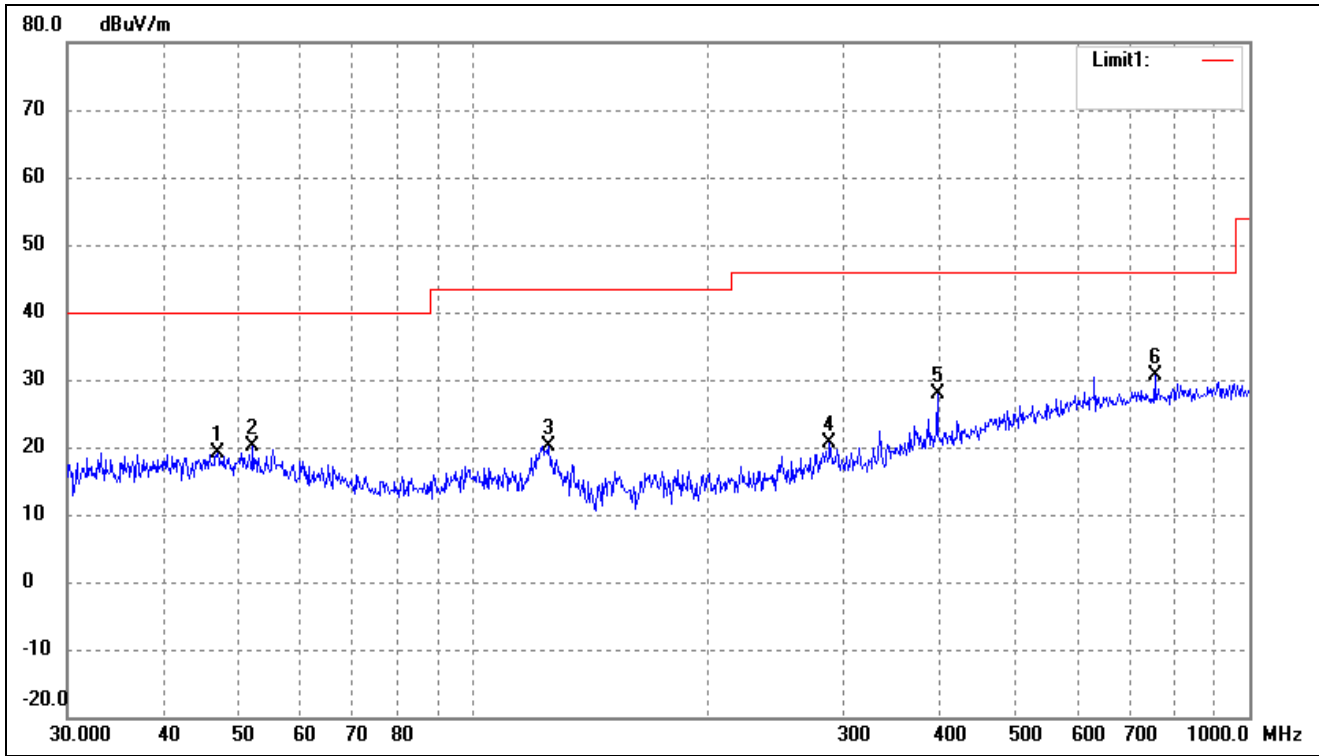
$$\text{Margin} = \text{Corr. Ampl.} - \text{FCC Part 15 Limit}$$

5.5 Summary of Test Results/Plots

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

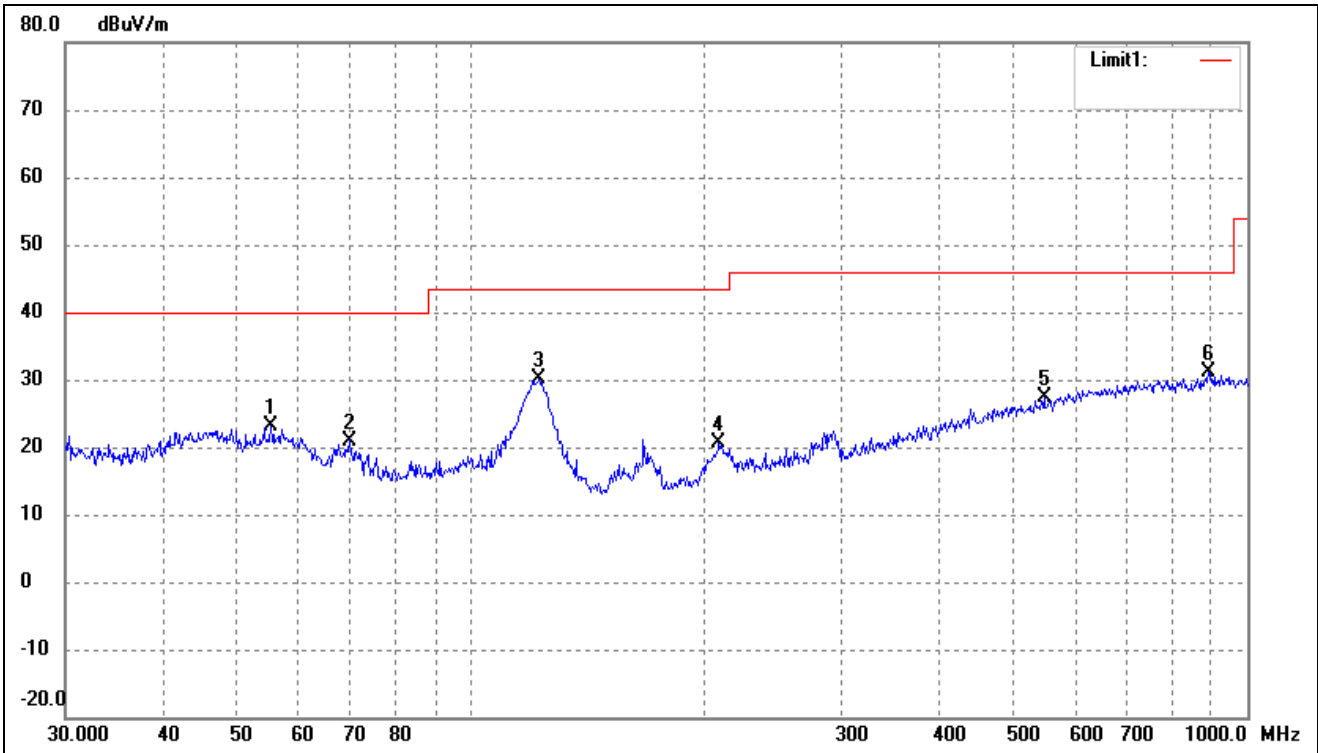
- Screen model: SAT101AT40I28Y03-26228M022IB-438 (Worst case)
- Spurious Emission From 30 MHz to 1 GHz
- 5150-5250MHz

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	46.8303	25.98	-6.96	19.02	40.00	-20.98	-	-	peak
2	52.0251	27.38	-7.25	20.13	40.00	-19.87	-	-	peak
3	125.0066	30.59	-10.51	20.08	43.50	-23.42	-	-	peak
4	287.9904	27.87	-7.28	20.59	46.00	-25.41	-	-	peak
5	396.2415	31.82	-4.01	27.81	46.00	-18.19	-	-	peak
6	755.3873	28.72	1.80	30.52	46.00	-15.48	-	-	peak

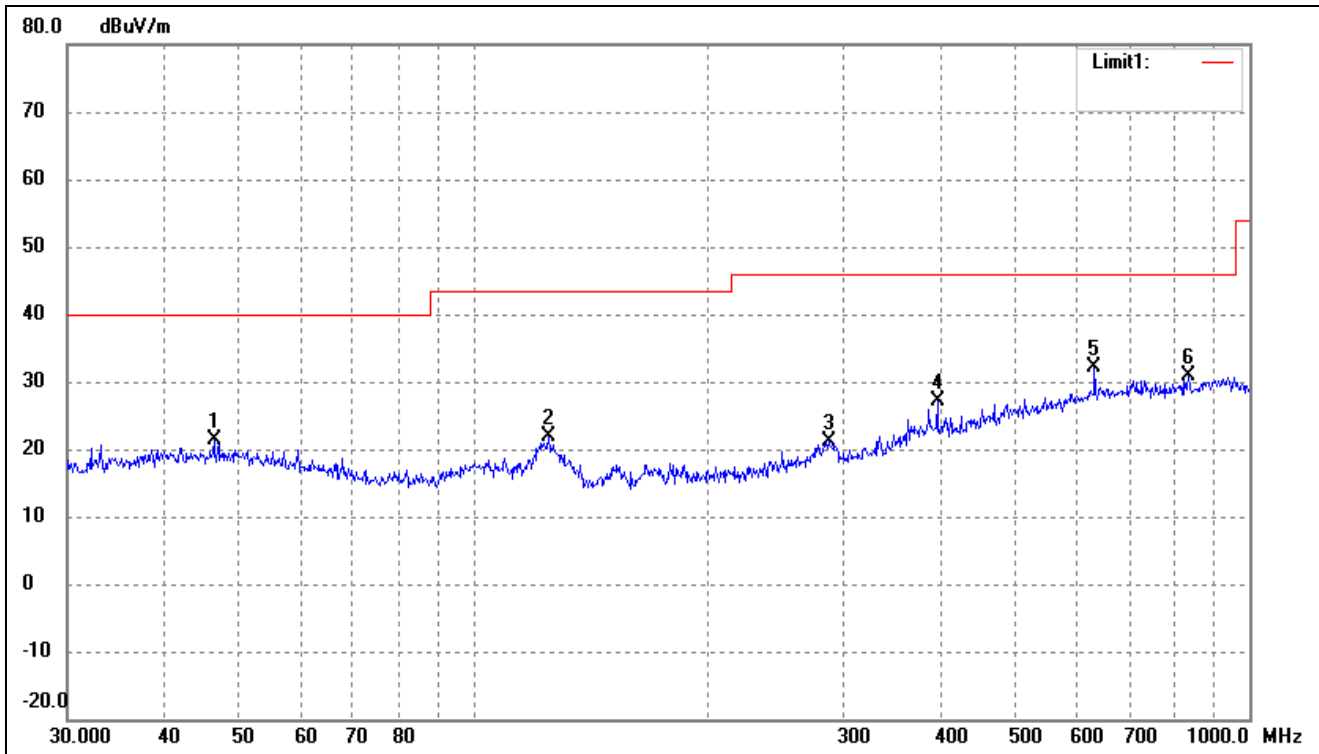
802.11a(Worst case)			
Test Channel	5180MHz(Worst case)	Polarity:	Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	55.2207	30.87	-7.73	23.14	40.00	-16.86	-	-	peak
2	69.6005	31.10	-10.10	21.00	40.00	-19.00	-	-	peak
3	122.4040	40.27	-10.05	30.22	43.50	-13.28	-	-	peak
4	208.5803	30.17	-9.46	20.71	43.50	-22.79	-	-	peak
5	547.0977	28.00	-0.52	27.48	46.00	-18.52	-	-	peak
6	890.7278	28.51	2.68	31.19	46.00	-14.81	-	-	peak

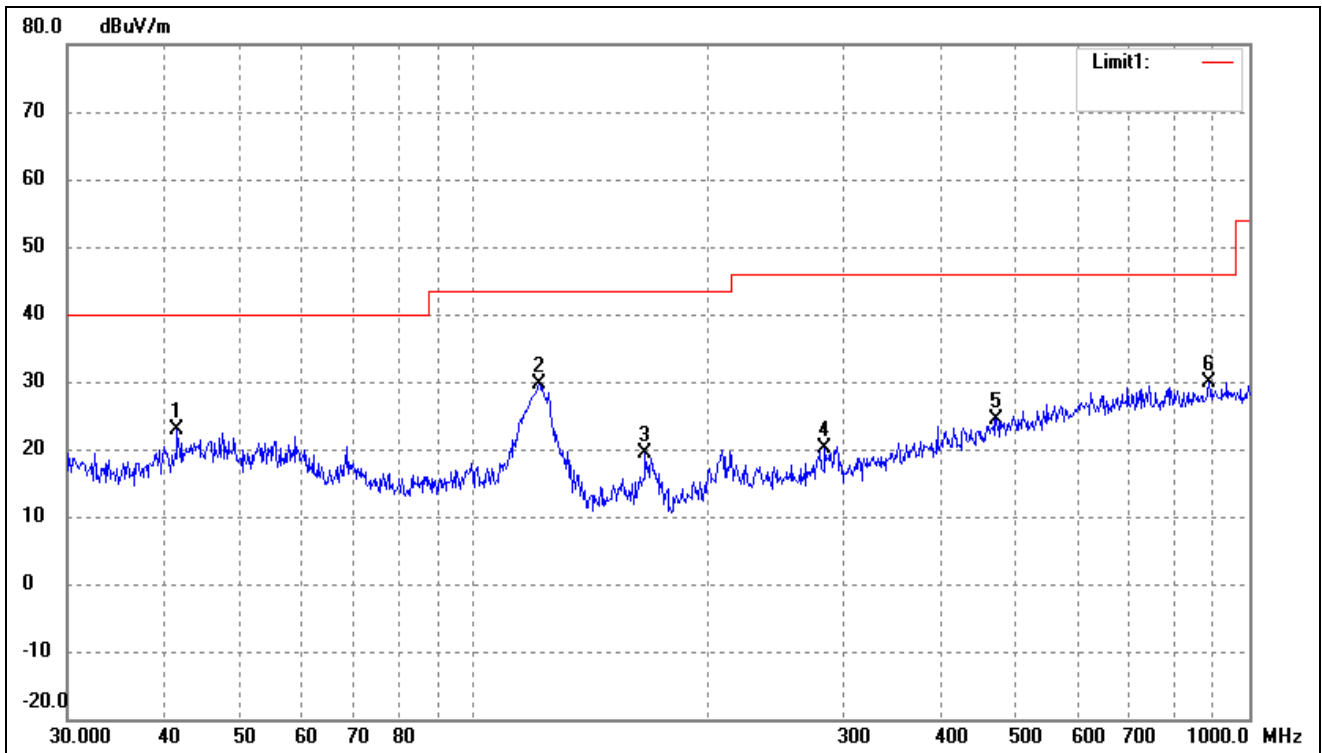
➤ 5250-5350MHz

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	46.3402	28.43	-6.97	21.46	40.00	-18.54	-	-	peak
2	125.0066	32.31	-10.51	21.80	43.50	-21.70	-	-	peak
3	286.9823	28.56	-7.31	21.25	46.00	-24.75	-	-	peak
4	396.2415	31.07	-4.01	27.06	46.00	-18.94	-	-	peak
5	631.6884	31.35	0.72	32.07	46.00	-13.93	-	-	peak
6	833.3171	28.53	2.29	30.82	46.00	-15.18	-	-	peak

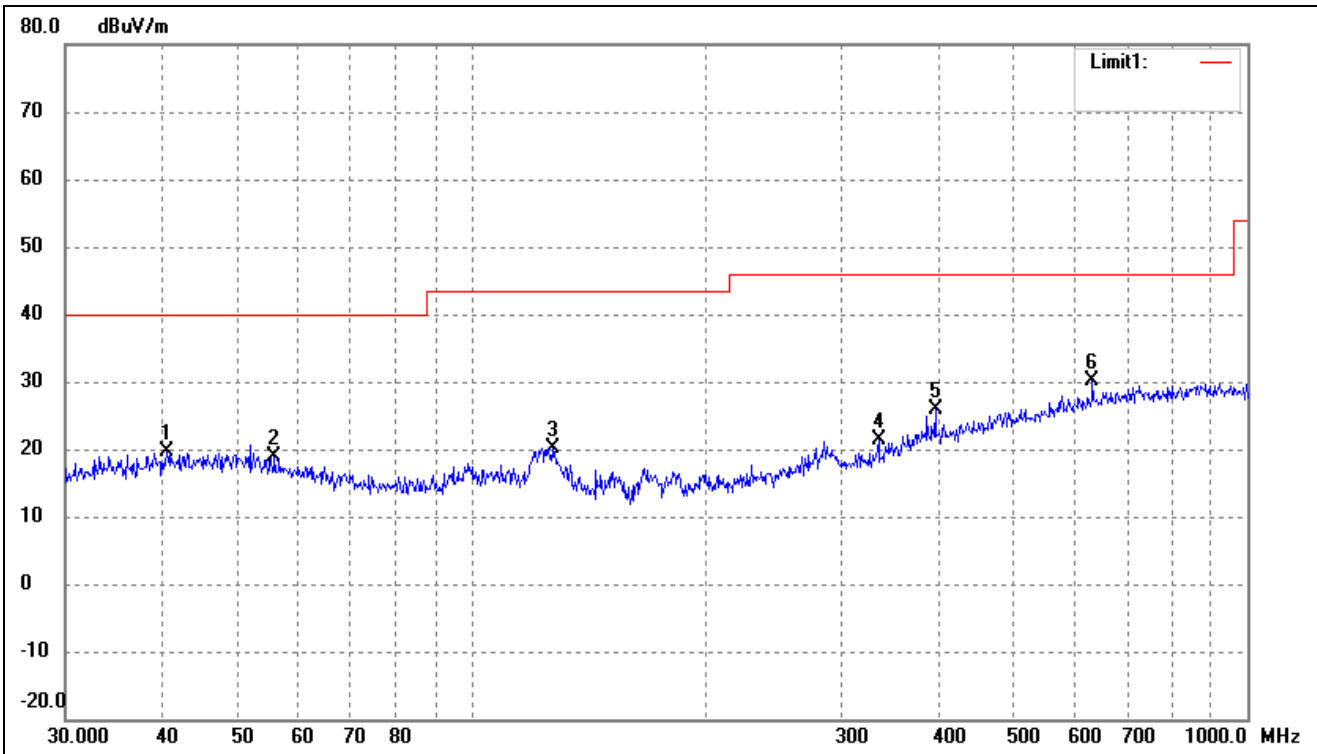
802.11a(Worst case)			
Test Channel	5260MHz(worst case)	Polarity:	Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	41.5670	29.81	-7.00	22.81	40.00	-17.19	-	-	peak
2	121.5486	39.49	-9.88	29.61	43.50	-13.89	-	-	peak
3	166.6514	31.16	-11.87	19.29	43.50	-24.21	-	-	peak
4	283.9792	27.61	-7.38	20.23	46.00	-25.77	-	-	peak
5	472.1760	26.50	-2.01	24.49	46.00	-21.51	-	-	peak
6	887.6099	27.10	2.66	29.76	46.00	-16.24	-	-	peak

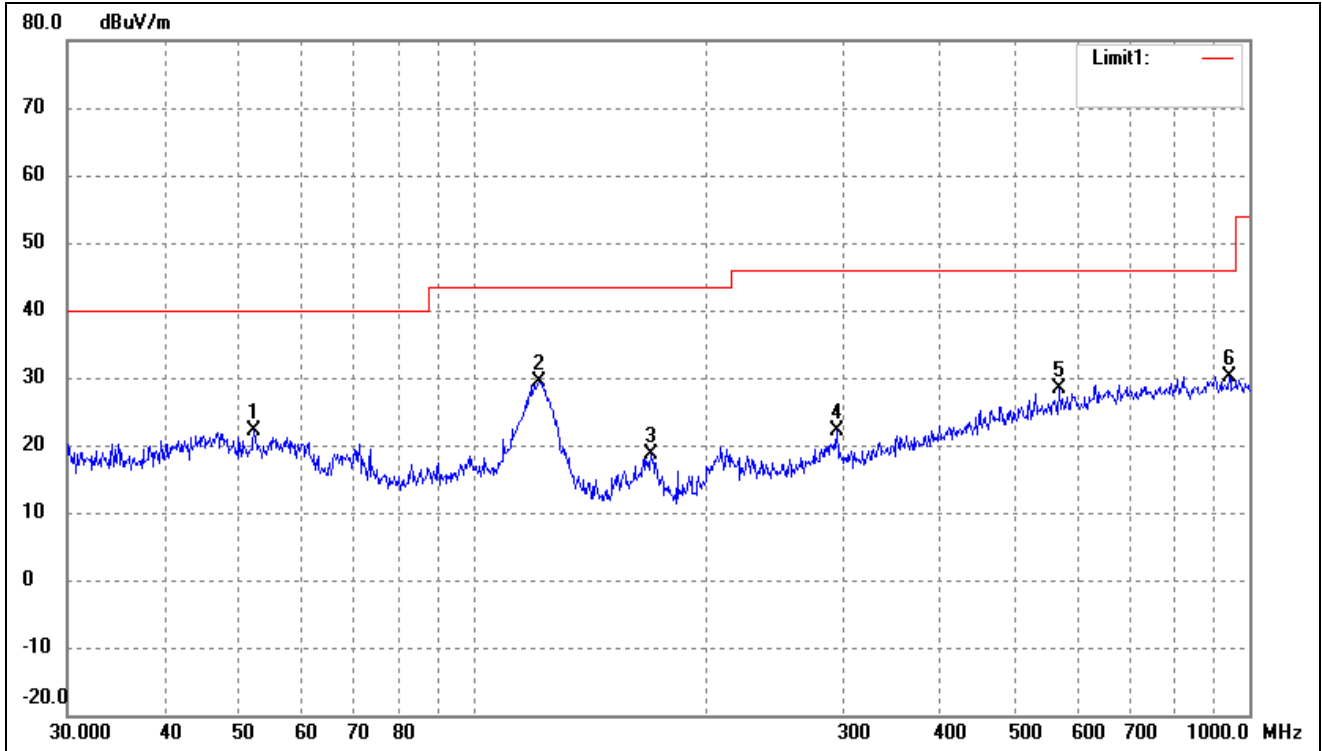
➤ 5470-5725MHz

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



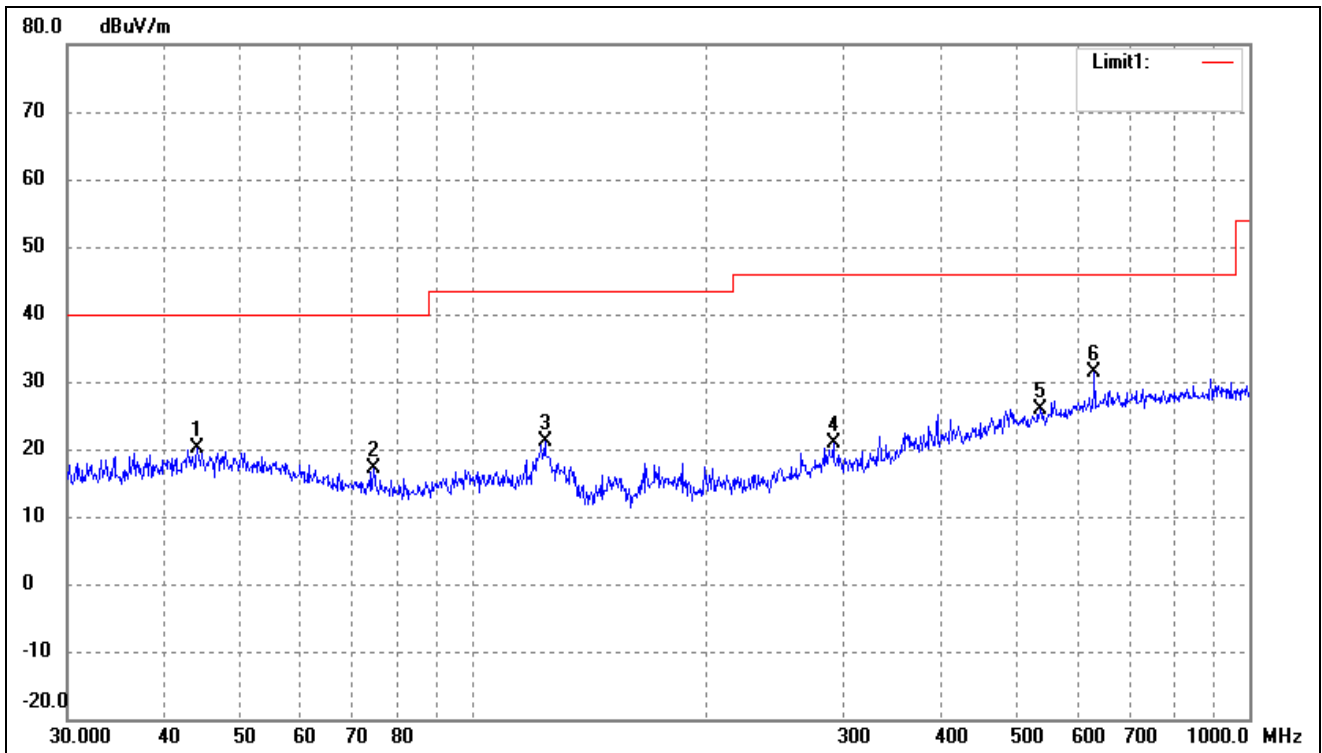
No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	40.5591	26.52	-7.00	19.52	40.00	-20.48	-	-	peak
2	55.8047	26.56	-7.80	18.76	40.00	-21.24	-	-	peak
3	127.2176	31.05	-10.93	20.12	43.50	-23.38	-	-	peak
4	334.8589	27.29	-5.87	21.42	46.00	-24.58	-	-	peak
5	396.2415	29.98	-4.01	25.97	46.00	-20.03	-	-	peak
6	631.6884	29.47	0.72	30.19	46.00	-15.81	-	-	peak

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



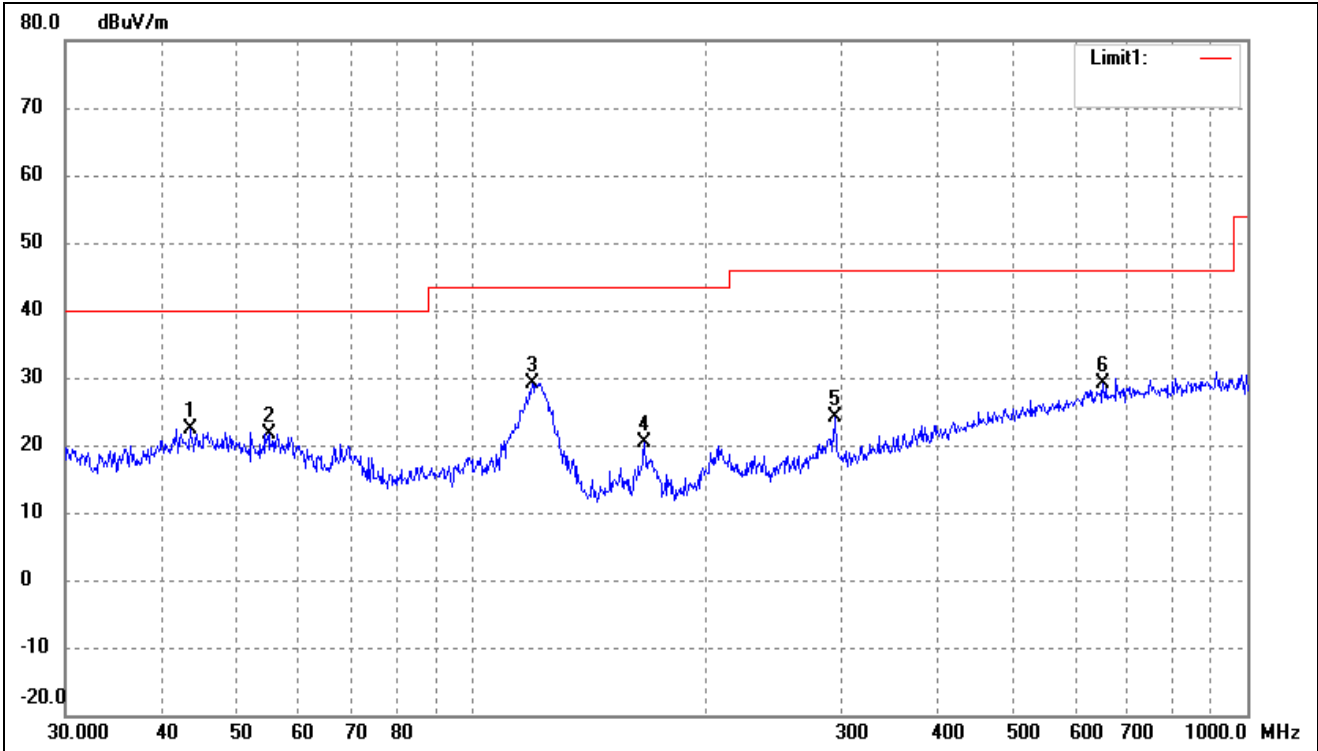
No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	52.2079	29.40	-7.29	22.11	40.00	-17.89	-	-	peak
2	121.5486	39.16	-9.88	29.28	43.50	-14.22	-	-	peak
3	169.5990	30.25	-11.74	18.51	43.50	-24.99	-	-	peak
4	294.1137	29.18	-7.12	22.06	46.00	-23.94	-	-	peak
5	568.6127	28.60	-0.15	28.45	46.00	-17.55	-	-	peak
6	942.1305	27.57	2.61	30.18	46.00	-15.82	-	-	peak

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	44.1202	27.08	-6.98	20.10	40.00	-19.90	-	-	peak
2	74.3955	27.53	-10.42	17.11	40.00	-22.89	-	-	peak
3	123.6985	31.49	-10.28	21.21	43.50	-22.29	-	-	peak
4	291.0360	28.02	-7.20	20.82	46.00	-25.18	-	-	peak
5	537.5891	26.52	-0.67	25.85	46.00	-20.15	-	-	peak
6	631.6884	30.56	0.72	31.28	46.00	-14.72	-	-	peak

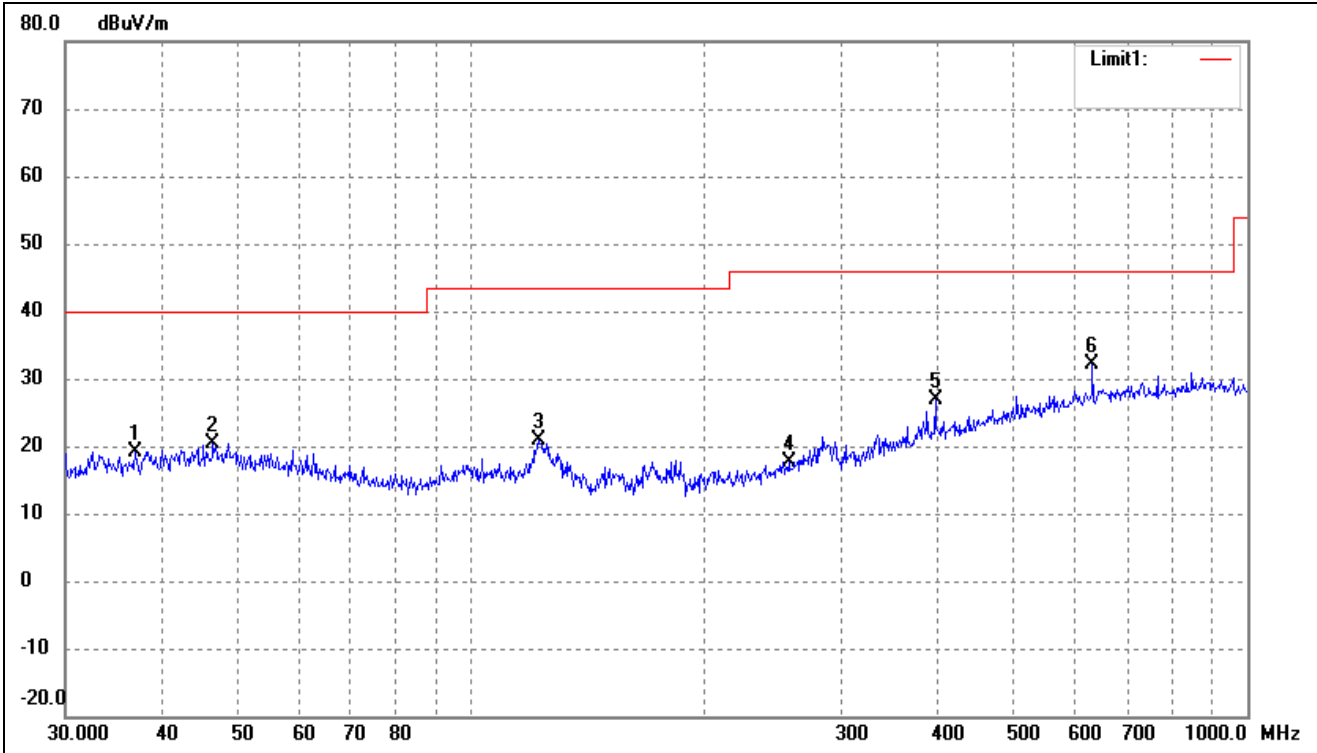
802.11a(worst case)			
Test Channel	5700MHz(worst case)	Polarity:	Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	43.5057	29.47	-6.99	22.48	40.00	-17.52	-	-	peak
2	54.8348	29.41	-7.67	21.74	40.00	-18.26	-	-	peak
3	119.8556	38.82	-9.59	29.23	43.50	-14.27	-	-	peak
4	167.2368	32.28	-11.85	20.43	43.50	-23.07	-	-	peak
5	294.1137	31.14	-7.12	24.02	46.00	-21.98	-	-	peak
6	651.9417	28.20	0.94	29.14	46.00	-16.86	-	-	peak

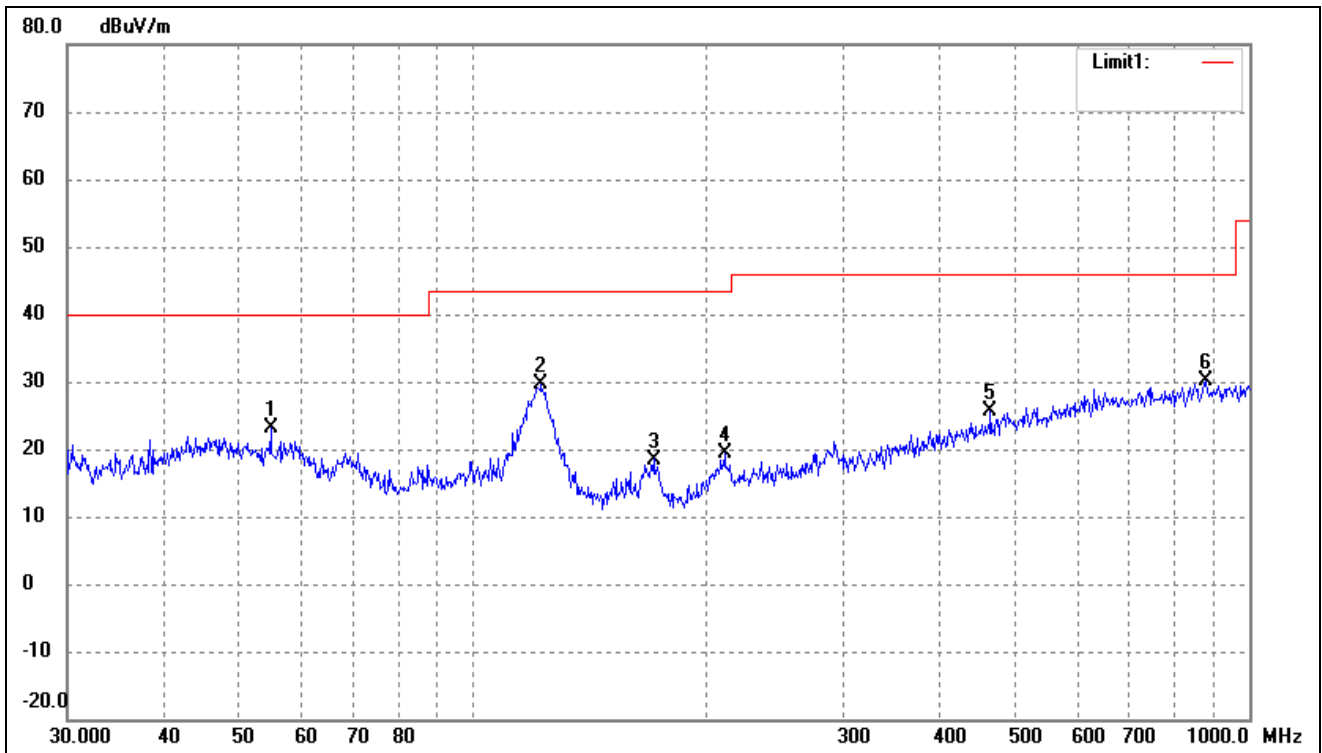
➤ 5725-5850MHz

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



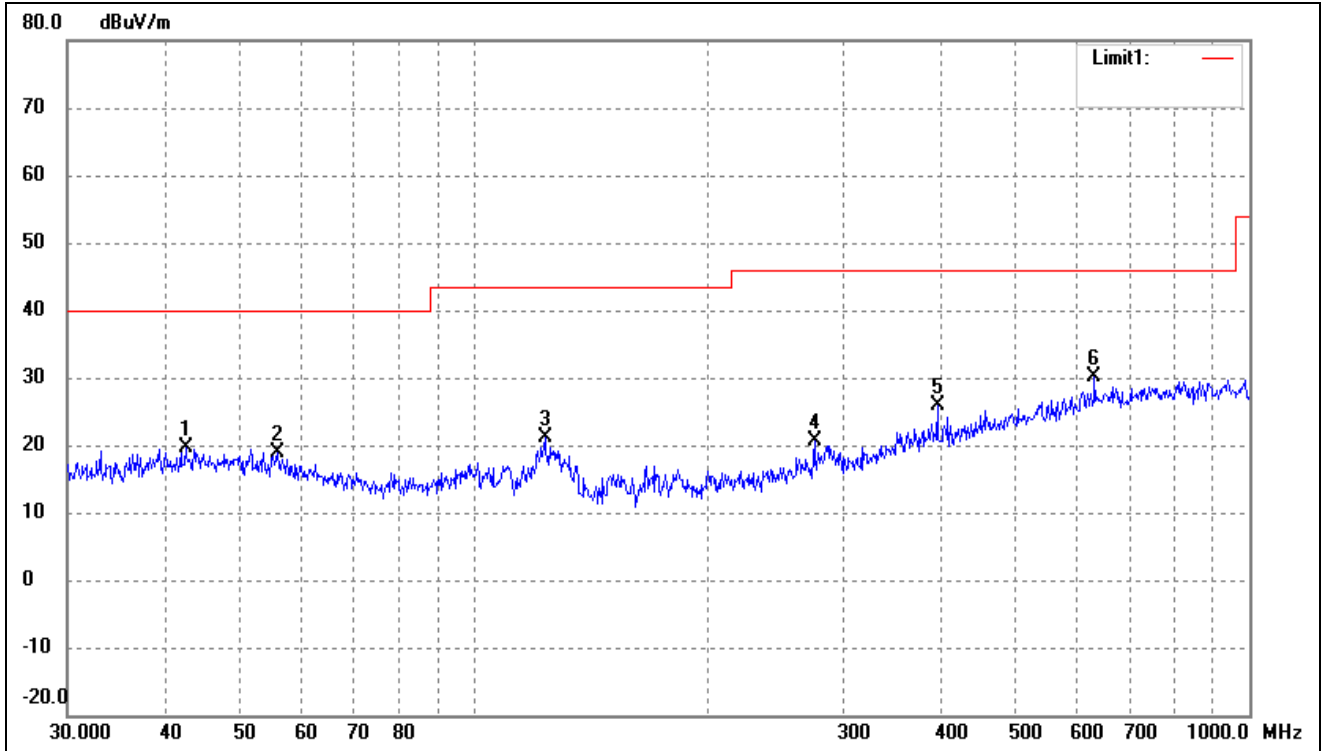
No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	36.8953	26.94	-7.76	19.18	40.00	-20.82	-	-	peak
2	46.5030	27.29	-6.98	20.31	40.00	-19.69	-	-	peak
3	121.9755	30.93	-9.96	20.97	43.50	-22.53	-	-	peak
4	256.5211	25.81	-8.13	17.68	46.00	-28.32	-	-	peak
5	396.2415	30.94	-4.01	26.93	46.00	-19.07	-	-	peak
6	631.6884	31.36	0.72	32.08	46.00	-13.92	-	-	peak

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



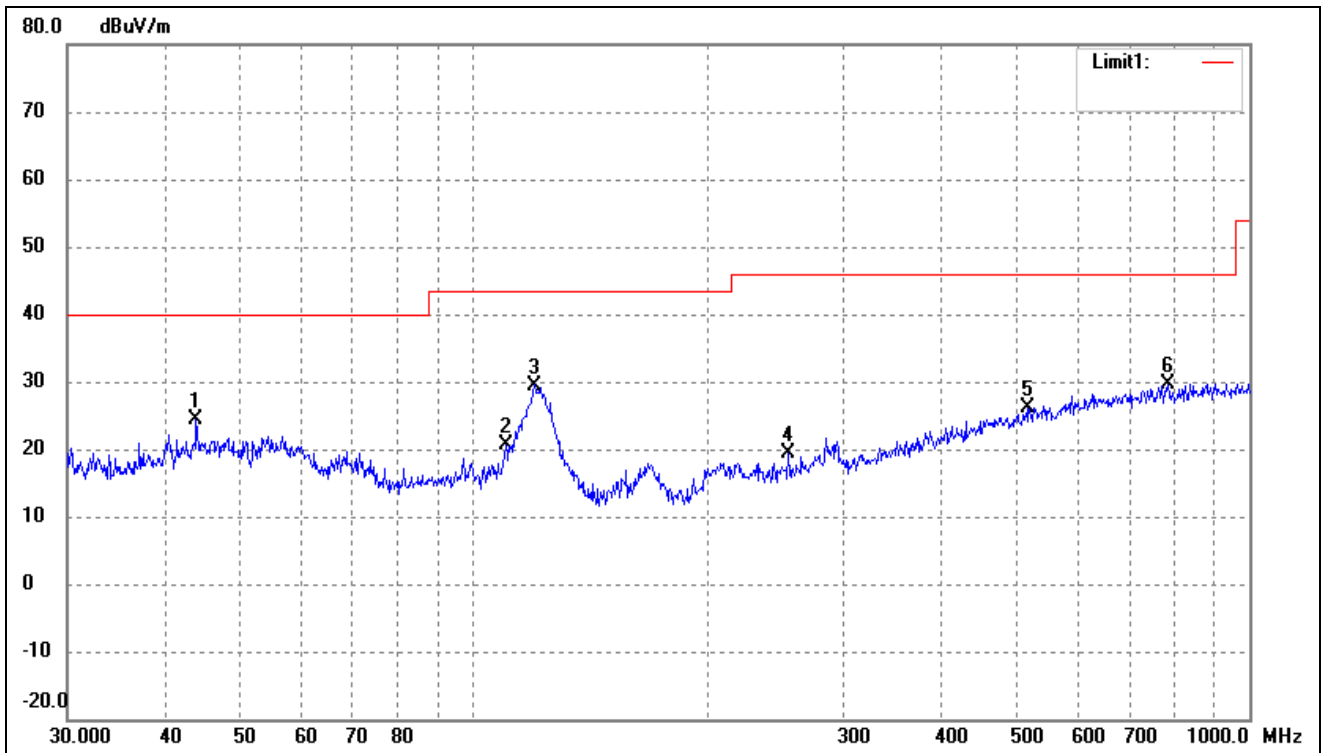
No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	54.8348	30.70	-7.67	23.03	40.00	-16.97	-	-	peak
2	122.4040	39.58	-10.05	29.53	43.50	-13.97	-	-	peak
3	170.7926	30.19	-11.69	18.50	43.50	-25.00	-	-	peak
4	210.7860	28.86	-9.41	19.45	43.50	-24.05	-	-	peak
5	463.9696	27.76	-2.21	25.55	46.00	-20.45	-	-	peak
6	878.3214	27.47	2.59	30.06	46.00	-15.94	-	-	peak

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	42.6000	26.70	-6.99	19.71	40.00	-20.29	-	-	peak
2	56.0007	26.75	-7.84	18.91	40.00	-21.09	-	-	peak
3	123.6985	31.48	-10.28	21.20	43.50	-22.30	-	-	peak
4	275.1570	28.36	-7.63	20.73	46.00	-25.27	-	-	peak
5	396.2415	29.91	-4.01	25.90	46.00	-20.10	-	-	peak
6	631.6884	29.35	0.72	30.07	46.00	-15.93	-	-	peak

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

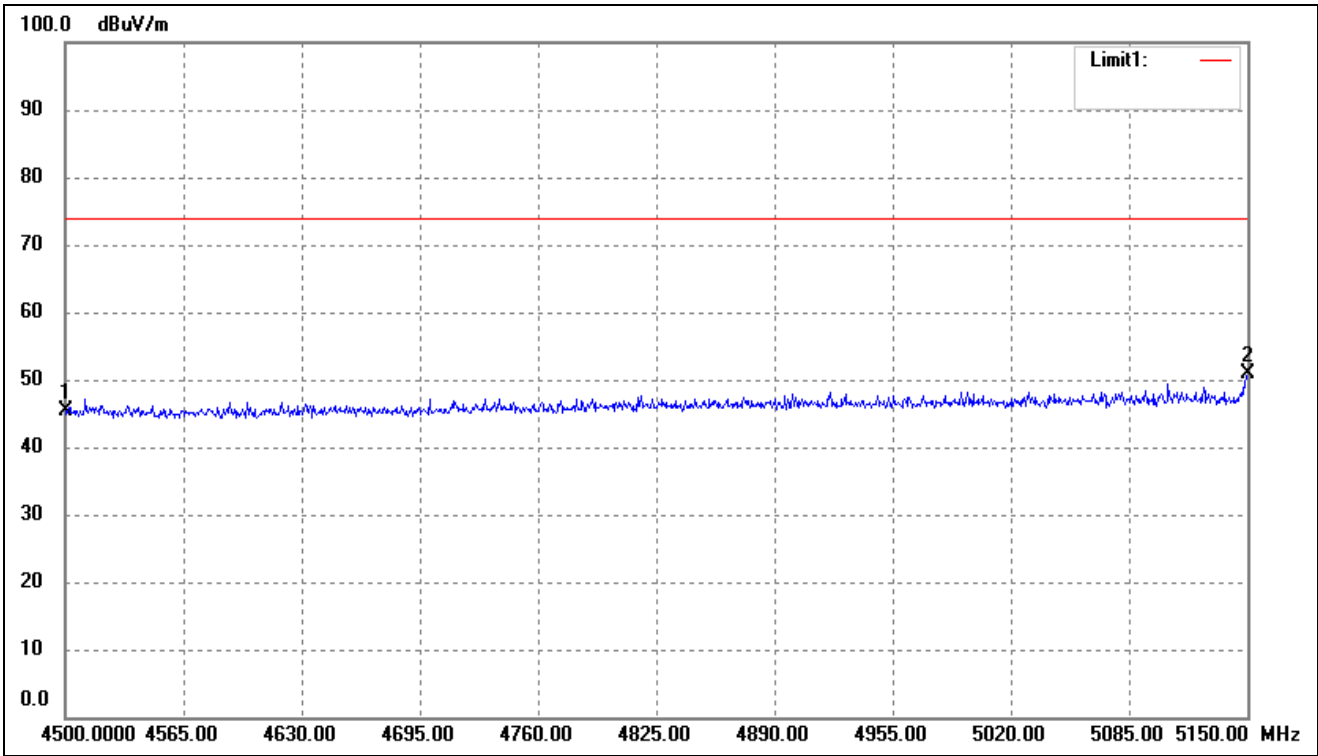


No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	43.9658	31.43	-6.98	24.45	40.00	-15.55	-	-	peak
2	110.1816	29.48	-8.88	20.60	43.50	-22.90	-	-	peak
3	119.8556	39.09	-9.59	29.50	43.50	-14.00	-	-	peak
4	254.7284	27.53	-8.19	19.34	46.00	-26.66	-	-	peak
5	519.0649	27.18	-0.99	26.19	46.00	-19.81	-	-	peak
6	785.0935	27.55	2.00	29.55	46.00	-16.45	-	-	peak

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

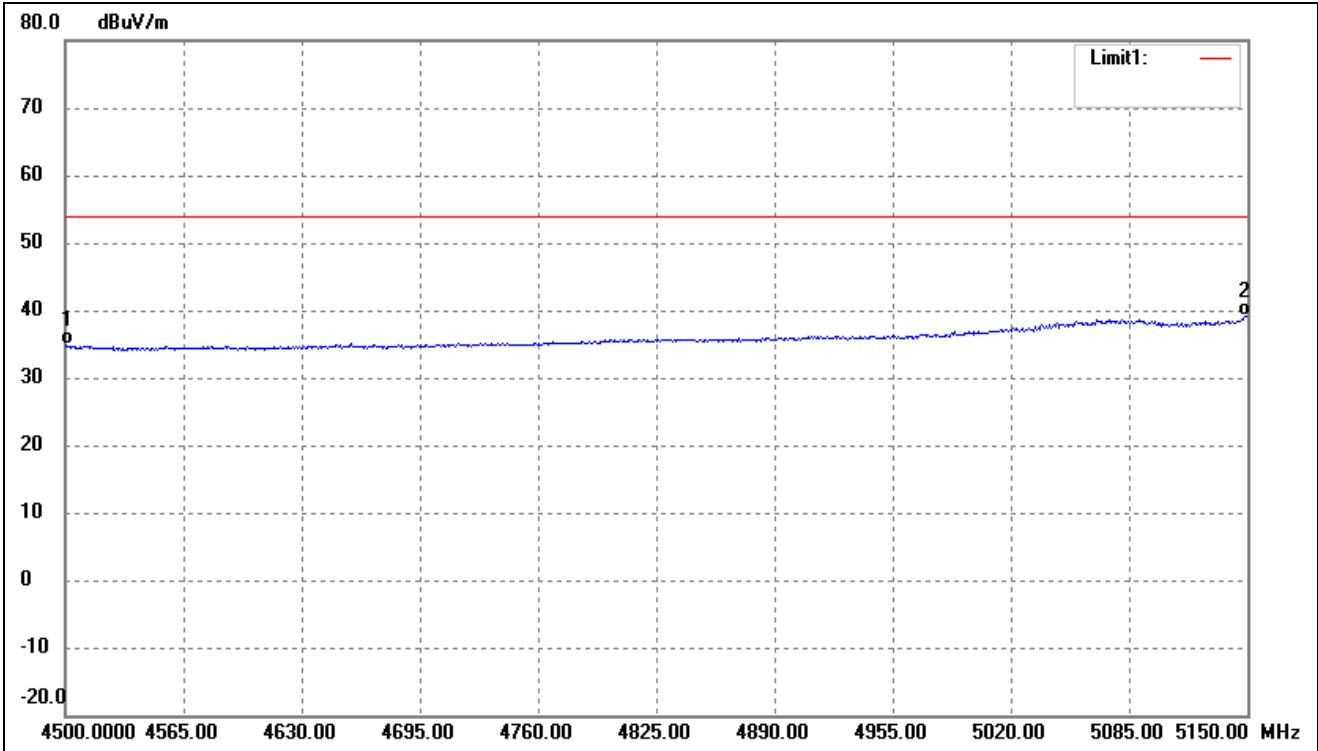
➤ Spurious Emission above 1GHz

802.11a- Restricted Bandedge (worst case)			
Test Channel	band 4.5-5.15GHz	Polarity:	Vertical(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	52.20	-6.92	45.28	74.00	-28.72	-	-	peak
2	5150.000	56.12	-5.33	50.79	74.00	-23.21	-	-	peak

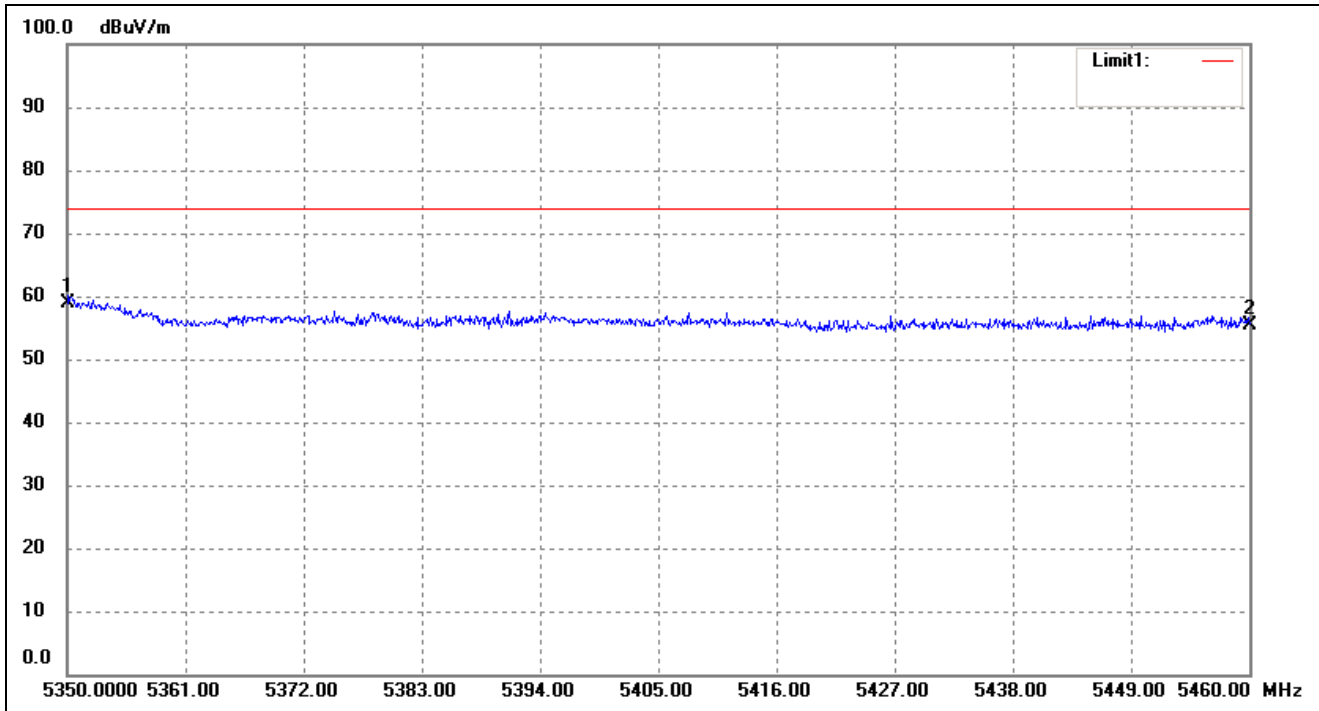
802.11a- Restricted Bandedge (worst case)			
Test Channel	band 4.5-5.15GHz	Polarity:	Vertical(worst case)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	4500.000	41.83	-6.92	34.91	54.00	-19.09	-	-	AVG
2	5150.000	44.42	-5.33	39.09	54.00	-14.91	-	-	AVG

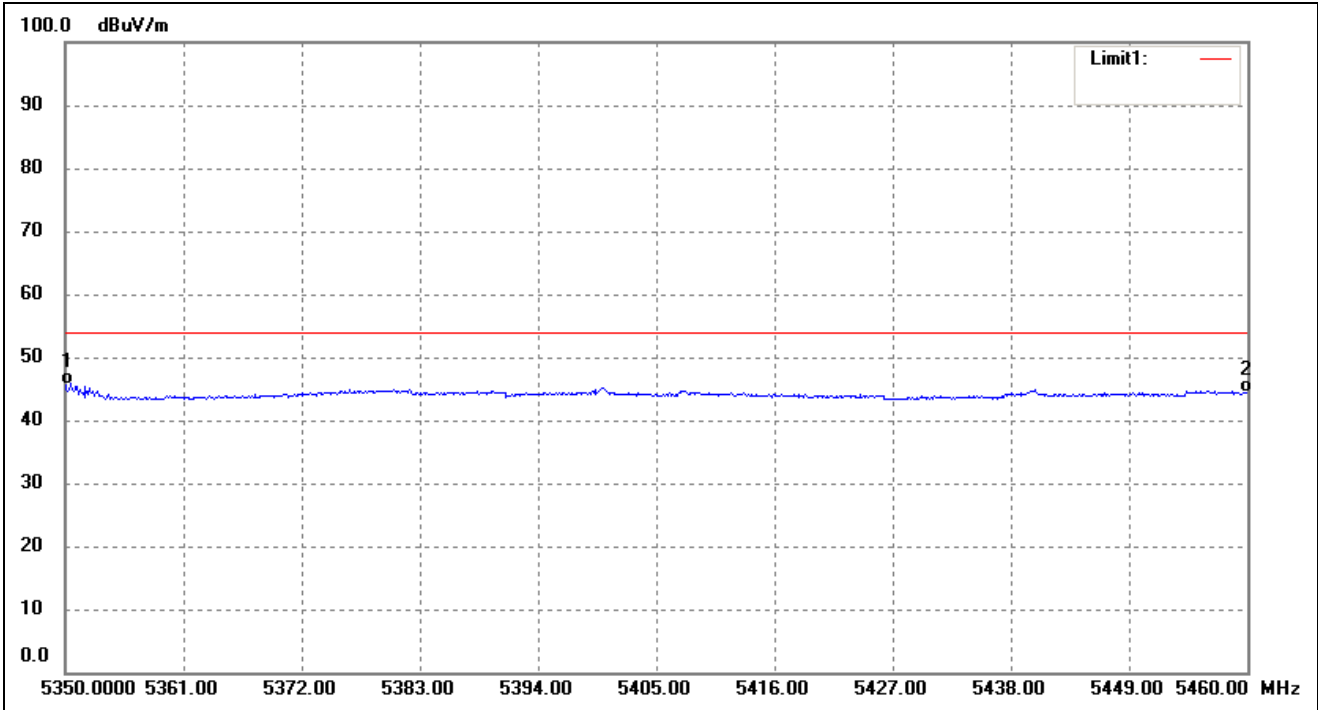
➤ 5250-5350MHz

802.11a- Restricted Bandedge (worst case)			
Test Channel	band 5.35-5.46GHz	Polarity:	Vertical(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	57.78	1.19	58.97	74.00	-15.03	-	-	peak
2	5460.000	53.98	1.47	55.45	74.00	-18.55	-	-	peak

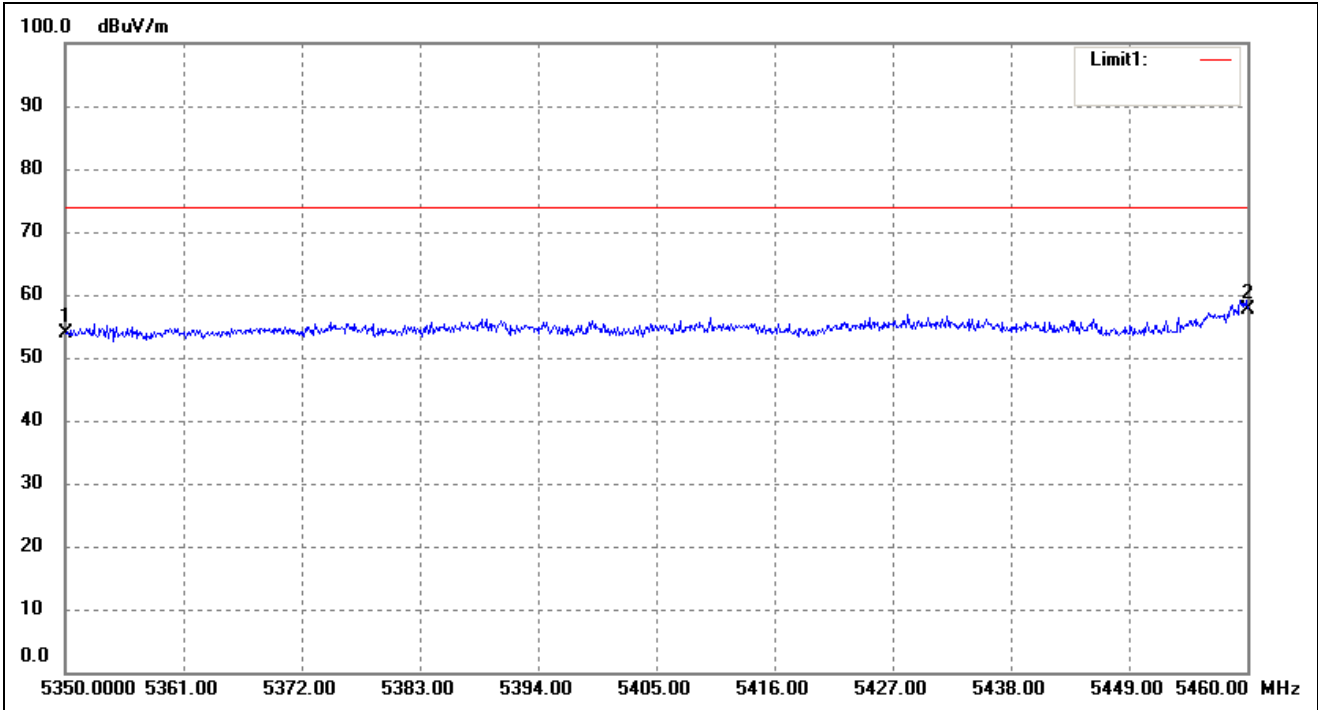
802.11a- Restricted Bandedge (worst case)			
Test Channel	band 5.35-5.46GHz	Polarity:	Vertical(worst case)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	5350.000	44.34	1.19	45.53	54.00	-8.47	-	-	AVG
2	5460.000	42.90	1.47	44.37	54.00	-9.63	-	-	AVG

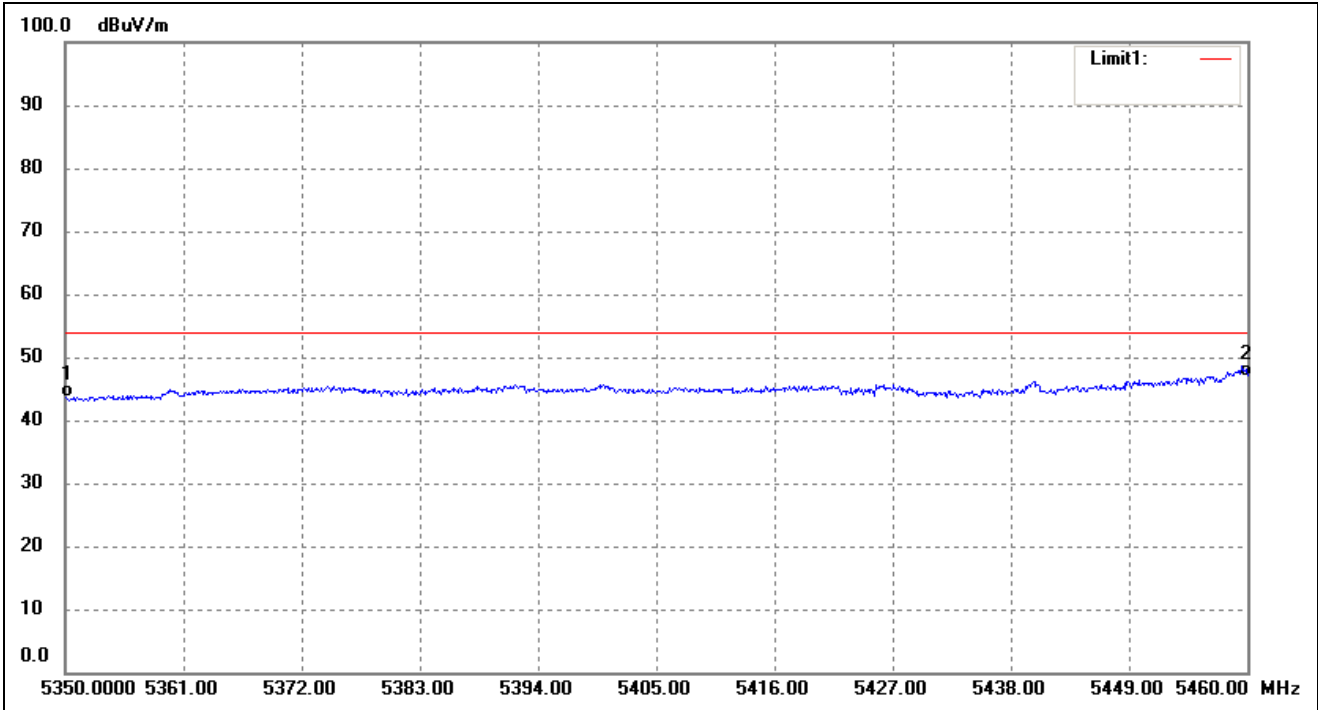
➤ 5470-5725MHz

802.11a- Restricted Bandedge (worst case)			
Test Channel	band 5.35-5.46GHz	Polarity:	Vertical(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	52.62	1.19	53.81	74.00	-20.19	-	-	peak
2	5460.000	56.05	1.47	57.52	74.00	-16.48	-	-	peak

802.11a- Restricted Bandedge (worst case)			
Test Channel	band 5.35-5.46GHz	Polarity:	Vertical(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	42.44	1.19	43.63	54.00	-10.37	-	-	AVG
2	5460.000	45.36	1.47	46.83	54.00	-7.17	-	-	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	60.31	7.11	67.42	74	-6.58	H	PK
15540	37.20	8.22	45.42	54	-8.58	H	AV
10360	59.10	7.11	66.21	74	-7.79	V	PK
15540	40.56	8.22	48.78	54	-5.22	V	AV
Middle Channel (5200MHz)							
10400	58.19	7.22	65.41	74	-8.59	H	PK
15600	33.44	8.67	42.11	54	-11.89	H	AV
10400	58.92	7.22	66.14	74	-7.86	V	PK
15600	37.13	8.67	45.80	54	-8.20	V	AV
High Channel (5240MHz)							
10480	56.91	7.69	64.60	74	-9.40	H	PK
15720	35.86	8.93	44.79	54	-9.21	H	AV
10480	59.01	7.69	66.70	74	-7.30	V	PK
15720	38.52	8.93	47.45	54	-6.55	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	55.51	7.96	63.47	74	-10.53	H	PK
15780	37.46	9.02	46.48	54	-7.52	H	AV
10520	60.77	7.96	68.73	74	-5.27	V	PK
15780	38.04	9.02	47.06	54	-6.94	V	AV
Middle Channel (5280MHz)							
10560	57.29	8.02	65.31	74	-8.69	H	PK
15840	38.42	9.42	47.84	54	-6.16	H	AV
10560	60.72	8.02	68.74	74	-5.26	V	PK
15840	37.51	9.42	46.93	54	-7.07	V	AV
High Channel (5320MHz)							
10640	59.70	8.35	68.05	74	-5.95	H	PK
15960	33.18	9.63	42.81	54	-11.19	H	AV
10640	57.87	8.35	66.22	74	-7.78	V	PK
15960	35.45	9.63	45.08	54	-8.92	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	54.82	8.82	63.64	74	-10.36	H	PK
16500	37.59	9.88	47.47	54	-6.53	H	AV
11000	54.96	8.82	63.78	74	-10.22	V	PK
16500	34.28	9.88	44.16	54	-9.84	V	AV
Middle Channel (5600MHz)							
11200	59.16	8.92	68.08	74	-5.92	H	PK
16800	36.50	10.03	46.53	54	-7.47	H	AV
11200	55.80	8.92	64.72	74	-9.28	V	PK
16800	39.80	10.03	49.83	54	-4.17	V	AV
High Channel (5700MHz)							
11400	54.89	9.36	64.25	74	-9.75	H	PK
17100	35.20	10.25	45.45	54	-8.55	H	AV
11400	58.71	9.36	68.07	74	-5.93	V	PK
17100	34.54	10.25	44.79	54	-9.21	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	56.97	9.45	66.42	74	-7.58	H	PK
17235	37.87	10.36	48.23	54	-5.77	H	AV
11490	54.84	9.45	64.29	74	-9.71	V	PK
17235	36.68	10.36	47.04	54	-6.96	V	AV
Middle Channel (5785MHz)							
11570	57.71	9.45	67.16	74	-6.84	H	PK
17355	36.38	10.36	46.74	54	-7.26	H	AV
11570	56.29	9.45	65.74	74	-8.26	V	PK
17355	37.23	10.36	47.59	54	-6.41	V	AV
High Channel (5825MHz)							
11650	57.92	9.84	67.76	74	-6.24	H	PK
17475	31.63	10.95	42.58	54	-11.42	H	AV
11650	54.88	9.84	64.72	74	-9.28	V	PK
17475	37.12	10.95	48.07	54	-5.93	V	AV

➤ Out of Band edge for 5150-5250MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-35.16	-27
Highest	Above 5350	-41.27	-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	-35.12	-27
Highest	Above 5350	-35.27	-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	-37.77	-27
Highest	Above 5725	-36.19	-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	-36.90	-27
	5715 to 5725	-40.41	-17
Highest	5850 to 5860	-40.82	-17
	Above 5860	-42.16	-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	57.72	7.11	64.83	74	-9.17	H	PK
15540	38.14	8.22	46.36	54	-7.64	H	AV
10360	60.47	7.11	67.58	74	-6.42	V	PK
15540	39.99	8.22	48.21	54	-5.79	V	AV
Middle Channel (5200MHz)							
10400	58.76	7.11	65.87	74	-8.13	H	PK
15600	39.45	8.22	47.67	54	-6.33	H	AV
10400	59.18	7.11	66.29	74	-7.71	V	PK
15600	40.27	8.22	48.49	54	-5.51	V	AV
High Channel (5240MHz)							
10480	55.90	7.69	63.59	74	-10.41	H	PK
15720	38.57	8.93	47.50	54	-6.50	H	AV
10480	60.43	7.69	68.12	74	-5.88	V	PK
15720	36.85	8.93	45.78	54	-8.22	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	58.16	7.96	66.12	74	-7.88	H	PK
15780	34.62	9.02	43.64	54	-10.36	H	AV
10520	58.54	7.96	66.50	74	-7.50	V	PK
15780	37.72	9.02	46.74	54	-7.26	V	AV
Middle Channel (5280MHz)							
10560	54.60	8.02	62.62	74	-11.38	H	PK
15840	39.03	9.42	48.45	54	-5.55	H	AV
10560	58.49	8.02	66.51	74	-7.49	V	PK
15840	37.75	9.42	47.17	54	-6.83	V	AV
High Channel (5320MHz)							
10640	59.75	8.35	68.10	74	-5.90	H	PK
15960	37.45	9.63	47.08	54	-6.92	H	AV
10640	57.34	8.35	65.69	74	-8.31	V	PK
15960	34.73	9.63	44.36	54	-9.64	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	55.43	8.82	64.25	74	-9.75	H	PK
16500	37.63	9.88	47.51	54	-6.49	H	AV
11000	55.41	8.82	64.23	74	-9.77	V	PK
16500	32.89	9.88	42.77	54	-11.23	V	AV
Middle Channel (5600MHz)							
11200	54.78	8.82	63.60	74	-10.40	H	PK
16800	38.61	9.88	48.49	54	-5.51	H	AV
11200	54.09	8.82	62.91	74	-11.09	V	PK
16800	31.53	9.88	41.41	54	-12.59	V	AV
High Channel (5700MHz)							
11400	55.83	9.36	65.19	74	-8.81	H	PK
17100	37.06	10.25	47.31	54	-6.69	H	AV
11400	56.78	9.36	66.14	74	-7.86	V	PK
17100	33.44	10.25	43.69	54	-10.31	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	59.28	9.45	68.73	74	-5.27	H	PK
17235	37.59	10.36	47.95	54	-6.05	H	AV
11490	57.38	9.45	66.83	74	-7.17	V	PK
17235	38.74	10.36	49.10	54	-4.90	V	AV
Middle Channel (5785MHz)							
11570	58.17	9.62	67.79	74	-6.21	H	PK
17355	36.35	10.67	47.02	54	-6.98	H	AV
11570	55.44	9.62	65.06	74	-8.94	V	PK
17355	35.05	10.67	45.72	54	-8.28	V	AV
High Channel (5825MHz)							
11650	57.67	9.84	67.51	74	-6.49	H	PK
17475	32.51	10.95	43.46	54	-10.54	H	AV
11650	55.67	9.84	65.51	74	-8.49	V	PK
17475	36.58	10.95	47.53	54	-6.47	V	AV

➤ Out of Band edge 5150-5250MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-30.71	-27
Highest	Above 5350	-39.04	-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	-37.88	-27
Highest	Above 5350	-35.00	-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	-37.47	-27
Highest	Above 5725	-36.66	-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	-45.36	-27
	5715 to 5725	-34.64	-17
Highest	5850 to 5860	-35.46	-17
	Above 5860	-41.33	-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	56.48	7.25	63.73	74	-10.27	H	PK
15570	36.46	8.33	44.79	54	-9.21	H	AV
10380	60.31	7.25	67.56	74	-6.44	V	PK
15570	39.51	8.33	47.84	54	-6.16	V	AV
High Channel (5230MHz)							
10460	56.99	7.54	64.53	74	-9.47	H	PK
15690	40.05	8.86	48.91	54	-5.09	H	AV
10460	59.26	7.54	66.80	74	-7.20	V	PK
15690	38.30	8.86	47.16	54	-6.84	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	55.53	8.12	63.65	74	-10.35	H	PK
15810	38.68	9.24	47.92	54	-6.08	H	AV
10540	58.93	8.12	67.05	74	-6.95	V	PK
15810	37.29	9.24	46.53	54	-7.47	V	AV
High Channel (5310MHz)							
10620	59.52	8.30	67.82	74	-6.18	H	PK
15930	36.73	9.45	46.18	54	-7.82	H	AV
10620	57.31	8.30	65.61	74	-8.39	V	PK
15930	33.63	9.45	43.08	54	-10.92	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	58.21	8.30	66.51	74	-7.49	H	PK
16530	35.30	9.45	44.75	54	-9.25	H	AV
11020	56.49	8.30	64.79	74	-9.21	V	PK
16530	34.30	9.45	43.75	54	-10.25	V	AV
Middle Channel (5590MHz)							
11180	56.57	9.12	65.69	74	-8.31	H	PK
16770	35.25	10.12	45.37	54	-8.63	H	AV
11180	57.62	9.12	66.74	74	-7.26	V	PK
16770	37.68	10.12	47.80	54	-6.20	V	AV
High Channel (5670MHz)							
11340	55.58	9.39	64.97	74	-9.03	H	PK
17010	36.29	10.22	46.51	54	-7.49	H	AV
11340	53.40	9.39	62.79	74	-11.21	V	PK
17010	36.46	10.22	46.68	54	-7.32	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	57.49	9.65	67.14	74	-6.86	H	PK
17265	37.72	10.87	48.59	54	-5.41	H	AV
11510	58.18	9.65	67.83	74	-6.17	V	PK
17265	36.81	10.87	47.68	54	-6.32	V	AV
High Channel (5795MHz)							
11590	56.07	9.65	65.72	74	-8.28	H	PK
17385	36.85	10.87	47.72	54	-6.28	H	AV
11590	58.52	9.65	68.17	74	-5.83	V	PK
17385	36.12	10.87	46.99	54	-7.01	V	AV

➤ Out of Band edge for 5150-5250MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-40.30	-27
Highest	Above 5350	-43.63	-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	-39.83	-27
Highest	Above 5350	-40.51	-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	-37.78	-27
Highest	Above 5725	-41.29	-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	-41.09	-27
	5715 to 5725	-40.89	-17
Highest	5850 to 5860	-44.09	-17
	Above 5860	-40.85	-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

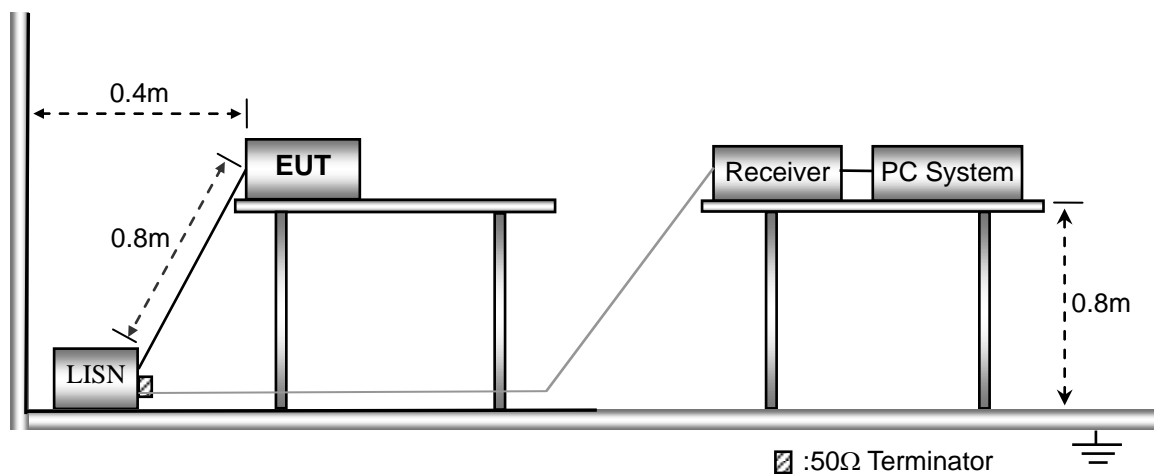
6.1 Test Procedure

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 40 cm long in the middle.

The spacing between the peripherals was 10 cm.

6.2 Basic Test Setup Block Diagram



6.3 Test Receiver Setup

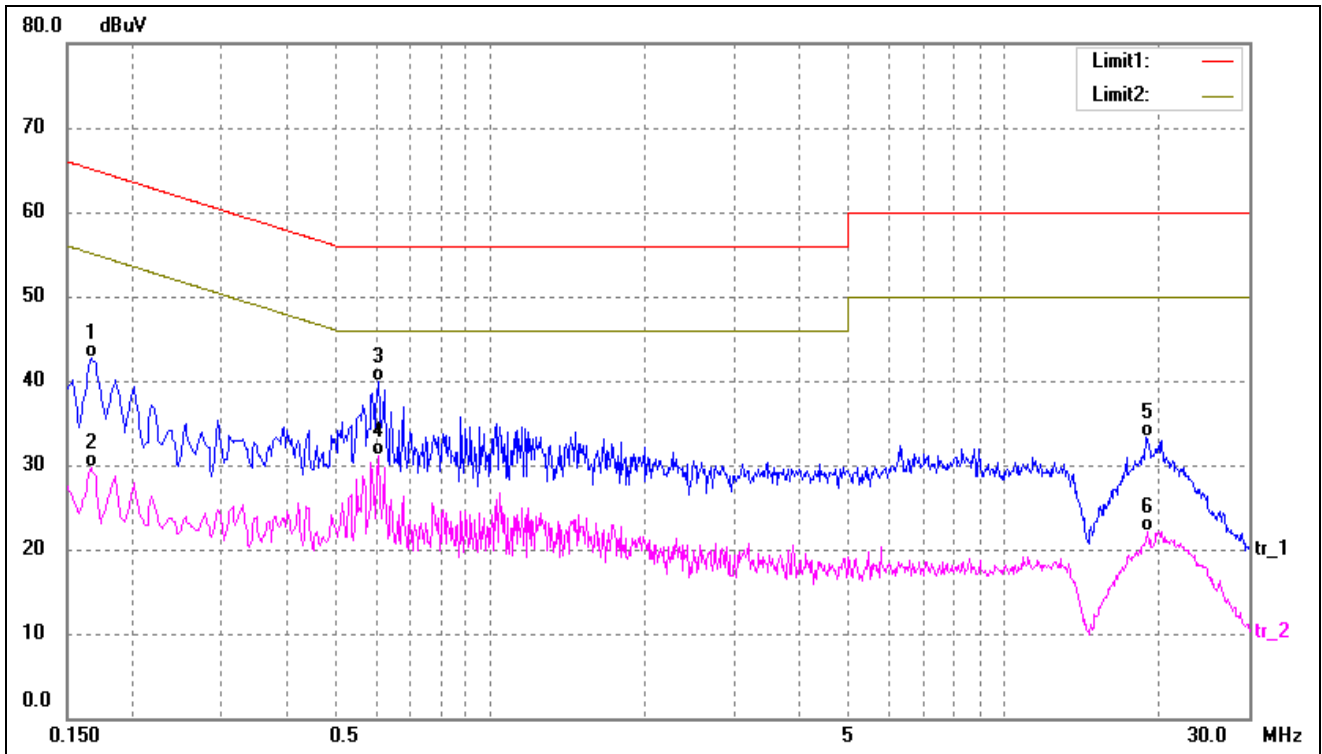
During the conducted emission test, the test receiver was set with the following configurations:

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

6.4 Summary of Test Results/Plots

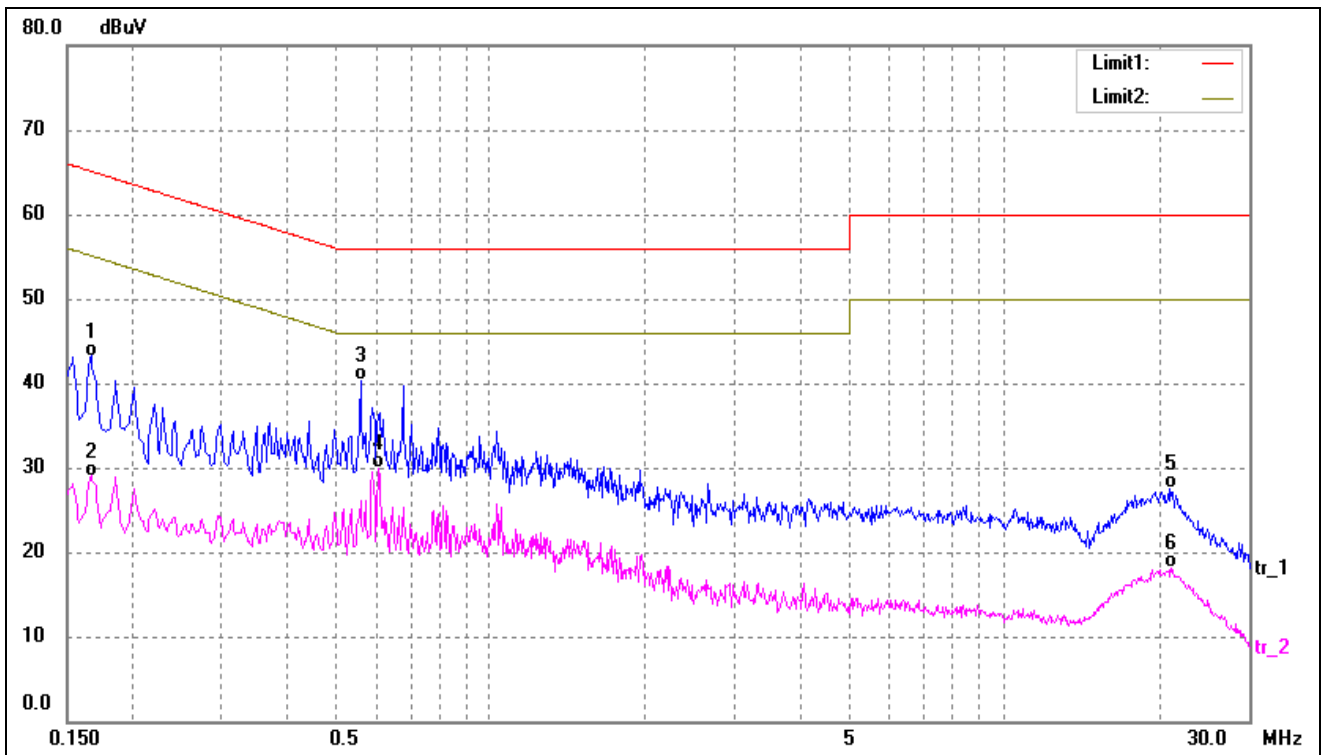
Screen model: SAT101AT40I28Y03-26228M022IB-438 (Worst case)

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	0.1660	32.30	10.37	42.67	65.16	-22.49	QP
2	0.1660	19.26	10.37	29.63	55.16	-25.53	AVG
3	0.6060	29.63	10.32	39.95	56.00	-16.05	QP
4*	0.6060	20.73	10.32	31.05	46.00	-14.95	AVG
5	18.9060	23.00	10.23	33.23	60.00	-26.77	QP
6	19.0460	11.94	10.23	22.17	50.00	-27.83	AVG

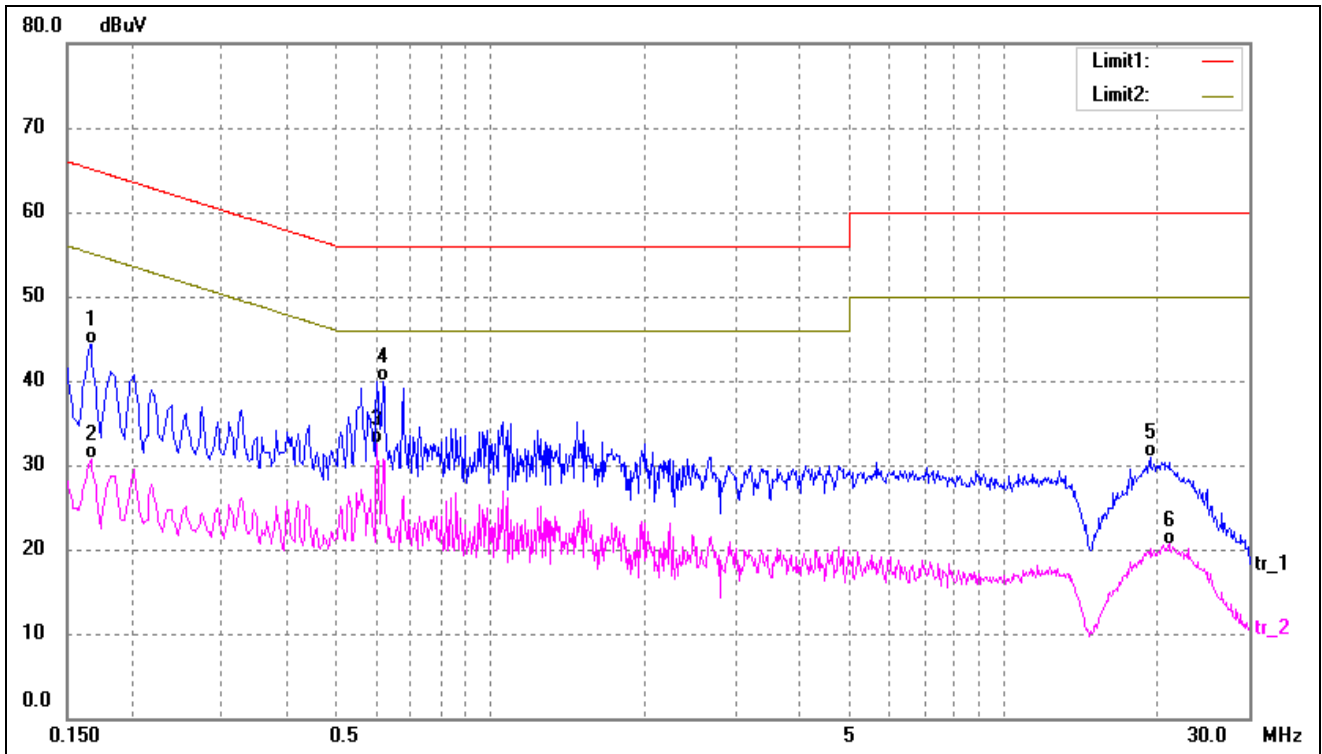
Test Mode	Communication	AC120V 60Hz	Polarity:	Line
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No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1660	32.83	10.37	43.20	65.16	-21.96	QP
2	0.1660	18.63	10.37	29.00	55.16	-26.16	AVG
3*	0.5580	29.92	10.29	40.21	56.00	-15.79	QP
4	0.6060	19.66	10.32	29.98	46.00	-16.02	AVG
5	21.0020	17.28	10.24	27.52	60.00	-32.48	QP
6	21.2060	7.78	10.24	18.02	50.00	-31.98	AVG

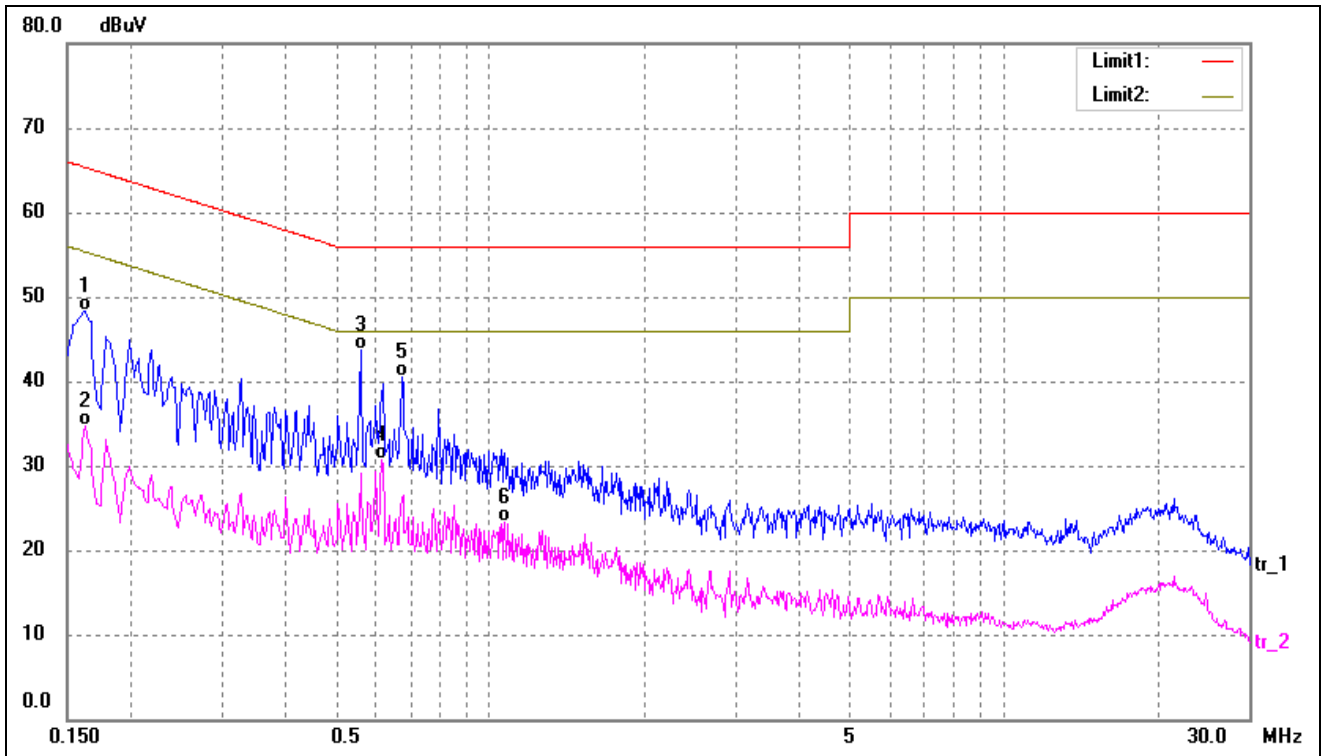
Screen model:SPEC-WJWX101196A

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	0.1660	33.93	10.37	44.30	65.16	-20.86	QP
2	0.1660	20.25	10.37	30.62	55.16	-24.54	AVG
3*	0.6020	22.24	10.32	32.56	46.00	-13.44	AVG
4	0.6180	29.64	10.33	39.97	56.00	-16.03	QP
5	19.2500	20.75	10.24	30.99	60.00	-29.01	QP
6	20.9860	10.36	10.24	20.60	50.00	-29.40	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	0.1620	37.98	10.37	48.35	65.36	-17.01	QP
2	0.1620	24.43	10.37	34.80	55.36	-20.56	AVG
3*	0.5580	33.45	10.29	43.74	56.00	-12.26	QP
4	0.6140	20.36	10.33	30.69	46.00	-15.31	AVG
5	0.6740	30.24	10.36	40.60	56.00	-15.40	QP
6	1.0660	12.77	10.53	23.30	46.00	-22.70	AVG

APPENDIX PHOTOGRAPHS

Please refer to “ANNEX”

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