FCC PART 15E TEST REPORT FOR CERTIFICATION
On Behalf of

Hunan Greatwall Computer System Co.,Ltd

10.1" Android Tablet

Model Number: 100011886

FCC ID: 2APUQW1027

Prepared for:	Hunan Greatwall Computer System Co.,Ltd
	Hu'nan Greatwall Industrial Park,Xiangyun Middle Rd.,
	Tianyuan Dist.,Zhuzhou, Hu'nan
Prepared By:	EST Technology Co., Ltd.
	Chilingxiang, Qishantou, Santun, Houjie, Dongguan, Guangdong, China
Tel: 86-769-83081888-808	

Report Number:	ESTE-R2004045
Date of Test:	Apr. 15~May. 14, 2020
Date of Report:	May. 15, 2020

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Description Page

EST Technology Co., Ltd.

Applicant: **Address:**	Hunan Greatwall Computer System Co.,Ltd Hu'nan Greatwall Industrial Park,Xiangyun Middle Rd., Tianyuan Dist.,Zhuzhou, Hu'nan
Manufacturer: **Address:**	Hunan Greatwall Computer System Co.,Ltd Hu'nan Greatwall Industrial Park,Xiangyun Middle Rd., Tianyuan Dist.,Zhuzhou, Hu'nan
E.U.T:	10.1" Android Tablet
Model Number:	100011886
Power Supply:	DC 5V From Adapter Input AC 100-240V~50/60Hz DC 3.8V From Battery
Trade Name:	onn. Serial No.: ------
Date of Receipt:	Apr. 15, 2020 Date of Test: Apr. 15~May. 14, 2020
Test Specification:	FCC Part 15 Subpart E 15.407 ANSI C63.10:2013 FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01 FCC KDB 662911 D01 Multiple Transmitter Output v02r01
Test Result:	The device described above is tested by EST Technology Co., Ltd. The measurement results were contained in this test report and EST Technology Co., Ltd. was assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT to be technically compliance with the FCC Rules and Regulations Part 15 Subpart E requirements. This report applies to above tested sample only and shall not be reproduced in part without written approval of EST Technology Co., Ltd. **Date:** May. 13, 2020

Prepared by:	Reviewed by:	Approved by:
Ring	Seven	
Ring / Assistant	Seven / Engineer	Iceman Hu / Manager

Other Aspects:
None.

Abbreviations: OK/P=passed fail/F=failed n.a/N=not applicable E.U.T=equipment under tested

This test report is based on a single evaluation of one sample of above mentioned products ,It is not permitted to be duplicated in extracts without written approval of EST Technology Co., Ltd.

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

FCC ID	:	2APUQW1027
Product Name	:	10.1" Android Tablet
Model Number	:	100011886
Software Version	:	F732.Q0.V2.3.1.RC-V01_100011886
Hardware Version	:	F732U2.0
Operation frequency	:	U-NII-1: 5150 MHz~5250 MHz U-NII-2A: 5250 MHz~5350 MHz U-NII-2C: 5470 MHz~5725 MHz U-NII-3: 5725 MHz~5850 MHz
Number of channel	:	U-NII-1: IEEE 802.11a / n HT20 / ac VHT20: 4 Channels; IEEE 802.11n HT40 / ac VHT40: 2 Channels; IEEE 802.11ac VHT80: 1 Channel. U-NII-2A: IEEE 802.11a / n HT20 / ac VHT20: 4 Channels; IEEE 802.11n HT40 / ac VHT40: 2 Channels; IEEE 802.11ac VHT80: 1 Channel. U-NII-2C: IEEE 802.11a / n HT20 / ac VHT20: 11 Channels; IEEE 802.11n HT40 / ac VHT40: 5 Channels; IEEE 802.11ac VHT80: 2 Channel. U-NII-3: IEEE 802.11a / n HT20 / ac VHT20: 5 Channels; IEEE 802.11n HT40 / ac VHT40: 2 Channels; IEEE 802.11ac VHT80: 1 Channel.
Modulation	:	OFDM(QPSK, BPSK, 16-QAM, 64-QAM,256-QAM)
Transmit Data Rate	:	IEEE 802.11a: 54, 48, 36, 24, 18, 12, 9, 6Mbps; IEEE 802.11n: up 150Mbps; IEEE 802.11ac: up to 433.3Mbps;
Channels Spacing	:	IEEE 802.11a: 20MHz; IEEE 802.11n HT20: 20MHz; IEEE 802.11n HT40: 40MHz; IEEE 802.11ac VHT20: 20MHz; IEEE 802.11ac VHT40: 40MHz; IEEE 802.11ac VHT80: 80MHz;

Transmit Power	:	U-NII-1	IEEE 802.11a: 14.9dBm IEEE 802.11n HT20: 14.0dBm IEEE 802.11n HT40: 13.5dBm IEEE 802.11ac VHT20: 14.0dBm IEEE 802.11ac VHT40: 13.5dBm IEEE 802.11ac VHT80: 13.5dBm
		U-NII-2A	IEEE 802.11a: 13.9dBm IEEE 802.11n HT20: 13.8dBm IEEE 802.11n HT40: 13.7dBm IEEE 802.11ac VHT20: 13.8dBm IEEE 802.11ac VHT40: 13.6dBm IEEE 802.11ac VHT80: 13.6dBm
		U-NII-2C	IEEE 802.11a: 13.0dBm IEEE 802.11n HT20: 12.9dBm IEEE 802.11n HT40: 12.6dBm IEEE 802.11ac VHT20: 13.9dBm IEEE 802.11ac VHT40: 12.8dBm IEEE 802.11ac VHT80: 12.3dBm
		U-NII-3	IEEE 802.11a: 11.8dBm IEEE 802.11n HT20: 11.7dBm IEEE 802.11n HT40: 11.3dBm IEEE 802.11ac VHT20: 11.6dBm IEEE 802.11ac VHT40: 11.3dBm IEEE 802.11ac VHT80: 10.9dBm
Sample Type	:	Prototype production	

Note：

For a more detailed features description, please refer to the manufacturer’s specifications or the user's manual.

1.1. Difference between Model Numbers

Model Number	main board	DDR	EMMC
100011886	A	RS512M32LZ4D2ANP_75BT 2G/4die 3733Mbps 10*14.5mm FBGA200 RS	MEMA032G 32GB 1.8V/HS400/EMMC5.1 200MHz 153-FBGA ISOCOM
	2	MDXC1016G-M2 2GB(512*32) 3200Mbps 10*14.5mm FBGA200 FORESEE	LTMZ0007HF-DAB1-SM Leahkinn
	3	RS512M32LM4D2BDS-53BT 2GB(512*32) 3200Mbps 10*14.5mm FBGA200 RS	EMMC32G-TA28 32GB 1.8V 200MHz 153-FBGA Kingston

Note: Default is A mainboard, reported to the DDR and EMMC combination for 2 and 3

1.2. The antenna information for EUT

Ant No.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	N/A	N/A	Internal	N/A	2.2

2. SUMMARY OF TEST

2.1. Summary of test result

Report Section	Description of Test Item	FCC Standard Section	Results
3	6dB Bandwidth &26dB Bandwidth & 99% Occupied Bandwidth	15.407(a) 15.407(e)	PASS
4	Maximum Conducted Output Power	15.407(a)	PASS
5	Peak Power Spectral Density	15.407(a)	PASS
6	Unwanted Emissions and Band Edge	15.205 15.209 15.407(b)	PASS
7	Frequency Stability	15.407(g)	PASS
8	AC Power Line Conducted Emissions	15.207 15.407(b)(6)	PASS
9	Antenna Requirement	15.203	PASS

Note:

(1) “N/A” denotes test is not applicable in this test report

2.2. Test Facilities

EMC Lab : Certificated by CNAS, CHINA
Registration No.: L5288
Date of registration: November 13, 2017

Certificated by FCC, USA
Designation Number: CN1215
Test Firm Registration Number: 722932
Date of registration: November 21, 2017

Certificated by A2LA, USA
Registration No.: 4366.01
Date of registration: November 07, 2017

Certificated by Industry Canada
CAB identifier No.: CN0035
Date of registration: January 04, 2019

Certificated by VCCI, Japan
Registration No.: R-13663; C-14103
Date of registration: July 25, 2017
This Certificate is valid until: July 24, 2020

Certificated by TUV Rheinland, Germany
Registration No.: UA 50413872 0001
Date of registration: July 31, 2018

Certificated by TUV/PS, Shenzhen
Registration No.: SCN1017
Date of registration: January 27, 2011

Certificated by Intertek ETL SEMKO
Registration No.: 2011-RTL-L2-64
Date of registration: April 28, 2011

Certificated by Nemko, Hong Kong
Registration No.: 175193
Date of registration: May 4, 2011

Name of Firm : EST Technology Co., Ltd.

Site Location : Chilingxiang, Qishantou, Santun, Houjie, Dongguan, Guangdong, China

2.3. Measurement uncertainty for EST Technology Co., Ltd.

Test Item	Uncertainty
Uncertainty for Conduction emission test	2.54dB
Uncertainty for Radiation Emission test (30MHz-1GHz)	3.62
Uncertainty for Radiation Emission test (1GHz to 18GHz)	4.86
Uncertainty for spurious emissions test (18GHz to 40GHz)	4.67
Uncertainty for radio frequency	7×10-8
Uncertainty for conducted RF Power	0.20dB
Uncertainty for Power density test	0.26dB
Temperature	±0.6°C
Humidity	±4.0 %
Volatage DC	±1.0%
Volatage (AC, <10KHz)	±1.5%

Note:

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

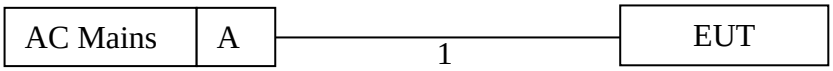
2.4. Assistant equipment used for test

Item	Equipment	Brand	Model Name/Type No.	FCC ID	Series No.
A	Adapter	onn.	BSY01J3050200U U	-	-

Item	Shielded Type	Ferrite Core	Length	Note
1	NO	NO	1.0m	DC Cable

2.5. Block Diagram

For radiated emissions test: EUT was placed on a turn table, which is 0.8 (or 1.5) meter high above ground.



AC 120V/60Hz

(EUT: 10.1"Android Tablet)

2.6. Test Mode

Pre-scan has been combined all possible modulations and date rates to determine the worst case test mode,the worst case test mode was selected for the final test as listed below.

Test Item	Test Mode	Channel	Modulation	Data rate
6dB Bandwidth	IEEE 802.11a	149/157/165	OFDM	6Mbps
	IEEE 802.11n HT20	149/157/165	OFDM	MCS0
	IEEE 802.11n HT40	151/159	OFDM	MCS0
	IEEE 802.11ac VHT20	149/157/165	OFDM	MCS0
	IEEE 802.11ac VHT40	151/159	OFDM	MCS0
	IEEE 802.11ac VHT80	155	OFDM	MCS0
26dB Bandwidth	IEEE 802.11a	36/40/48/52/60/64/100/116/140	OFDM	6Mbps
	IEEE 802.11n HT20	36/40/48/52/60/64/100/116/140	OFDM	MCS0
	IEEE 802.11n HT40	38/46/54/62/102/114/134	OFDM	MCS0
	IEEE 802.11ac VHT20	36/40/48/52/60/64/100/116/140	OFDM	MCS0
	IEEE 802.11ac VHT40	38/46/54/62/102/114/134	OFDM	MCS0
	IEEE 802.11ac VHT80	42/58/106/122	OFDM	MCS0
99% Occupied Bandwidth	IEEE 802.11a	36/40/48/52/60/64/100/116/140/ 149/157/165	OFDM	6Mbps
	IEEE 802.11n HT20	36/40/48/52/60/64/100/116/140/ 149/157/165	OFDM	MCS0
	IEEE 802.11n HT40	38/46/54/62/102/114/134/151/159	OFDM	MCS0
	IEEE 802.11ac VHT20	36/40/48/52/60/64/100/116/140/ 149/157/165	OFDM	MCS0
	IEEE 802.11ac VHT40	38/46/54/62/102/114/134/151/ 159	OFDM	MCS0
	IEEE 802.11ac VHT80	42/58/106/122/155	OFDM	MCS0
Maximum Conducted Output Power	IEEE 802.11a	36/40/48/52/60/64/100/116/140/ 149/157/165	OFDM	6Mbps
	IEEE 802.11n HT20	36/40/48/52/60/64/100/116/140/ 149/157/165	OFDM	MCS0
	IEEE 802.11n HT40	38/46/54/62/102/114/134/151/159	OFDM	MCS0
	IEEE 802.11ac VHT20	36/40/48/52/60/64/100/116/140/ 149/157/165	OFDM	MCS0
	IEEE 802.11ac VHT40	38/46/54/62/102/114/134/151/ 159	OFDM	MCS0
	IEEE 802.11ac VHT80	42/58/106/122/155	OFDM	MCS0

Peak Power Spectral Density	IEEE 802.11a	36/40/48/52/60/64/100/116/140/ 149/157/165	OFDM	6Mbps
	IEEE 802.11n HT20	36/40/48/52/60/64/100/116/140/ 149/157/165	OFDM	MCS0
	IEEE 802.11n HT40	38/46/54/62/102/114/134/151/159	OFDM	MCS0
	IEEE 802.11ac VHT20	36/40/48/52/60/64/100/116/140/ 149/157/165	OFDM	MCS0
	IEEE 802.11ac VHT40	38/46/54/62/102/114/134/151/159	OFDM	MCS0
	IEEE 802.11ac VHT80	42/58/106/122/155	OFDM	MCS0
Unwanted Emissions and Band Edge(Above 1GHz)	IEEE 802.11a	36/40/48/52/60/64/100/116/140/ 149/157/165	OFDM	6Mbps
	IEEE 802.11n HT20	36/40/48/52/60/64/100/116/140/ 149/157/165	OFDM	MCS0
	IEEE 802.11n HT40	38/46/54/62/102/114/134/151/159	OFDM	MCS0
	IEEE 802.11ac VHT20	36/40/48/52/60/64/100/116/140/ 149/157/165	OFDM	MCS0
	IEEE 802.11ac VHT40	38/46/54/62/102/114/134/151/159	OFDM	MCS0
	IEEE 802.11ac VHT80	42/58/106/122/155	OFDM	MCS0
Unwanted Emissions Below 1GHz	IEEE 802.11a	100	OFDM	6Mbps
Frequency Stability	Unmodulation	36/64/100/149	N/A	N/A
AC Power Line Conducted Emissions	IEEE 802.11a	100	OFDM	6Mbps

Note:

1. In radiated measurement,the EUT had been pre-scan on the positioned of each 3 axis(X,Y,Z), the worst case was found when positioned on **X-plane.**

2.7. Channel List

Band	Mode	Channel	Frequency (MHz)
U-NII-1	IEEE 802.11a & n HT20 & ac VHT20	36	5180
		40	5200
		44	5220
		48	5240
	IEEE 802.11n HT40 & ac VHT40	38	5190
		46	5230
	IEEE 802.11ac VHT80	42	5210
U-NII-2A	IEEE 802.11a & n HT20 & ac VHT20	52	5260
		56	5280
		60	5300
		64	5320
	IEEE 802.11n HT40 & ac VHT40	54	5270
		62	5310
	IEEE 802.11ac VHT80	58	5290
U-NII-2C	IEEE 802.11a & n HT20 & ac VHT20	100	5500
		104	5520
		108	5540
		112	5560
		116	5580
		120	5600
		124	5620
		128	5640
		132	5660
		136	5680
		140	5700
	IEEE 802.11n HT40 & ac VHT40	102	5510
		110	5550
		118	5590
		126	5630
		134	5670
	IEEE 802.11ac VHT80	106	5530
		122	5610
U-NII-3	IEEE 802.11a & n HT20 & ac VHT20	149	5745
		153	5765
		157	5785
		161	5805
		165	5825
	IEEE 802.11n HT40 & ac VHT40	151	5755
		159	5795
	IEEE 802.11ac VHT80	155	5775

2.8. Power Setting of Test Software

Software Name	N/A		
U-NII-1			
Frequency(MHz)	5180	5200	5240
IEEE 802.11a Setting	Default	Default	Default
IEEE 802.11n HT20 Setting	Default	Default	Default
IEEE 802.11ac VHT20 Setting	Default	Default	Default
Frequency(MHz)	5190	5230	
IEEE 802.11n HT40 Setting	Default	Default	
IEEE 802.11ac VHT40 Setting	Default	Default	
Frequency(MHz)	5210		
IEEE 802.11ac VHT80 Setting	Default		
U-NII-2A			
Frequency(MHz)	5260	5300	5320
IEEE 802.11a Setting	Default	Default	Default
IEEE 802.11n HT20 Setting	Default	Default	Default
IEEE 802.11ac VHT20 Setting	Default	Default	Default
Frequency(MHz)	5270	5310	
IEEE 802.11n HT40 Setting	Default	Default	
IEEE 802.11ac VHT40 Setting	Default	Default	
Frequency(MHz)	5290		
IEEE 802.11ac VHT80 Setting	Default		
U-NII-2C			
Frequency(MHz)	5500	5580	5700
IEEE 802.11a Setting	Default	Default	Default
IEEE 802.11n HT20 Setting	Default	Default	Default
IEEE 802.11ac VHT20 Setting	Default	Default	Default
Frequency(MHz)	5510	5590	5670
IEEE 802.11n HT40 Setting	Default	Default	Default
IEEE 802.11ac VHT40 Setting	Default	Default	Default
Frequency(MHz)	5530	5610	
IEEE 802.11ac VHT80 Setting	Default	Default	
U-NII-3			
Frequency(MHz)	5745	5785	5825
IEEE 802.11a Setting	Default	Default	Default
IEEE 802.11n HT20 Setting	Default	Default	Default
IEEE 802.11ac VHT20 Setting	Default	Default	Default
Frequency(MHz)	5755	5795	
IEEE 802.11n HT40 Setting	Default	Default	
IEEE 802.11ac VHT40 Setting	Default	Default	
Frequency(MHz)	5775		
IEEE 802.11ac VHT80 Setting	Default		

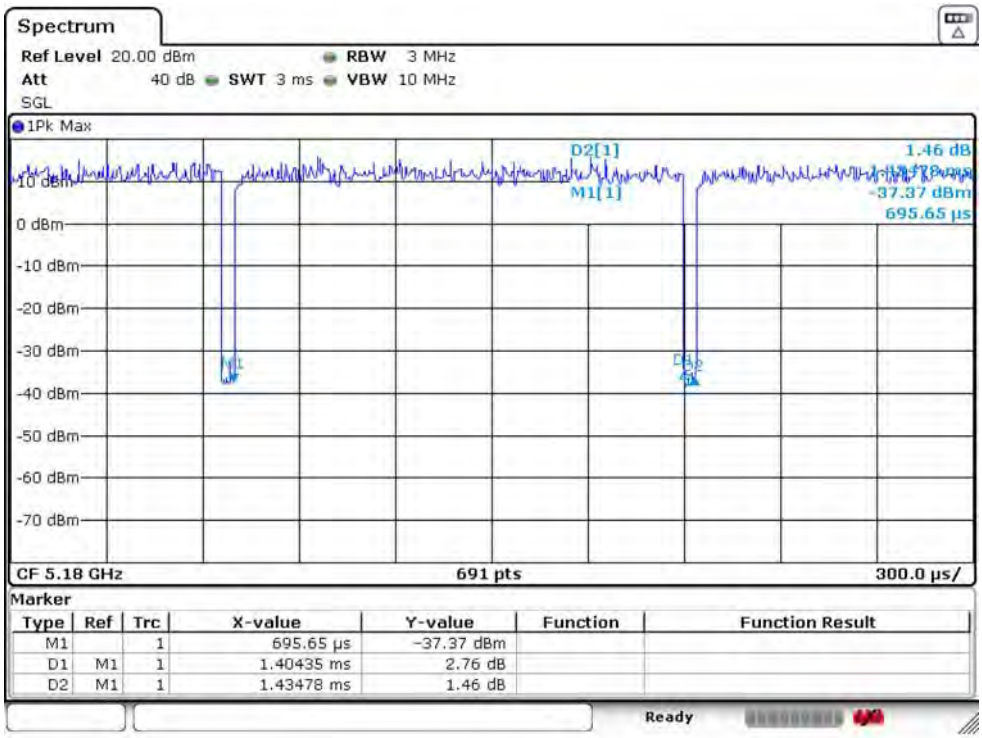
2.9. Duty Cycle of Test Signal

Temperature	27℃	Relative Humidity		54%	Test Voltage		120V/60Hz
Mode	Frequency (MHz)	On time (ms)	Total Time (ms)	Duty Cycle (%)	Duty Factor (dB)	1/T (Hz)	VBW Setting (Hz)
IEEE 802.11a	5180	1.40435	1.43478	97.88	0.09	712	712
IEEE 802.11n HT20	5180	1.31739	1.35217	97.43	0.11	759	759
IEEE 802.11n HT40	5190	1.33043	1.36522	97.45	0.11	752	752
IEEE 802.11ac VHT20	5180	0.66957	0.70435	95.06	0.22	1493	1493
IEEE 802.11ac VHT40	5190	0.66522	0.70000	95.03	0.22	1503	1503
IEEE 802.11ac VHT80	5210	0.33043	0.36812	89.76	0.47	3026	3026

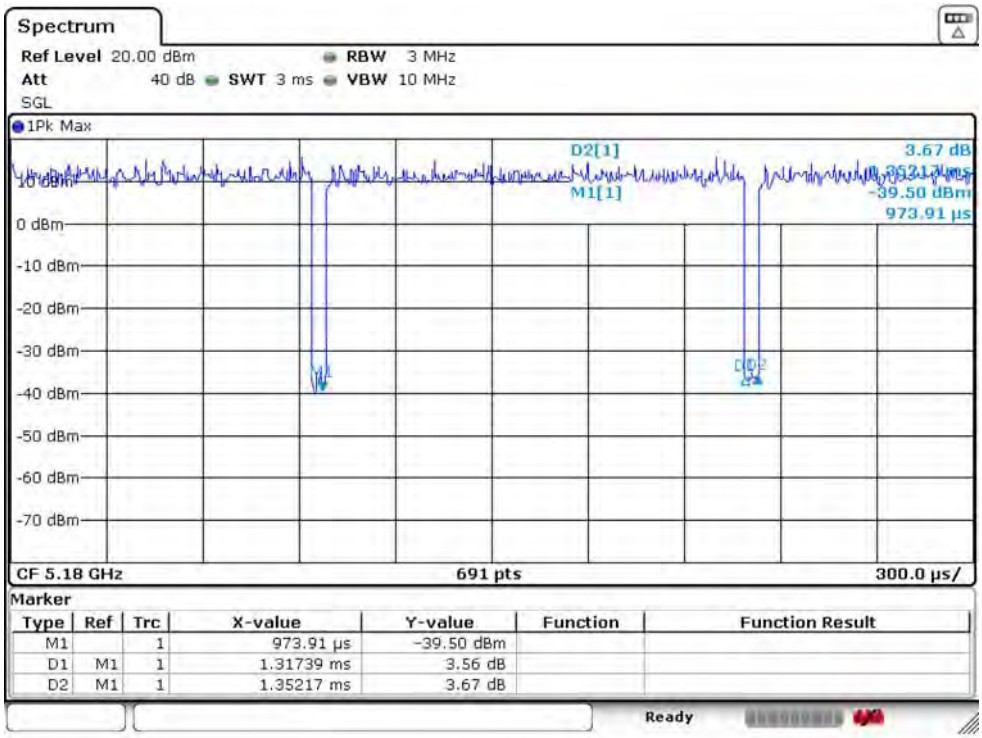
Note:

1. Duty Cycle=On Time/Total Time×100%.
2. Duty Factor=10×LOG(1/Duty Cycle).
3. If duty cycle <98 %, the conducted average output power and average power spectral density should be add duty factor.
4. If duty cycle≥98 %,the EUT is consider to be transmitting continuously,the conducted average output power and average power spectral density no need to add duty factor.
5. The on-time time is transmission duration(T).
6. The VBW Setting is use for RMS measurement in Unwanted Emissions and Band Edge(Above 1GHz) Test.

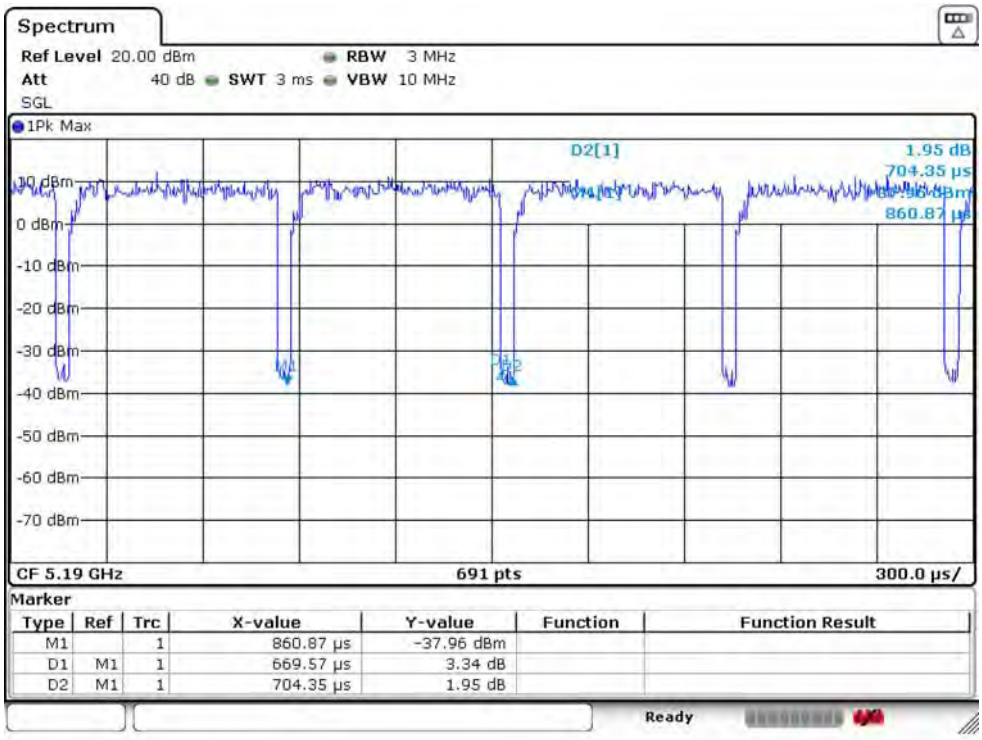
IEEE 802.11a 5180MHz



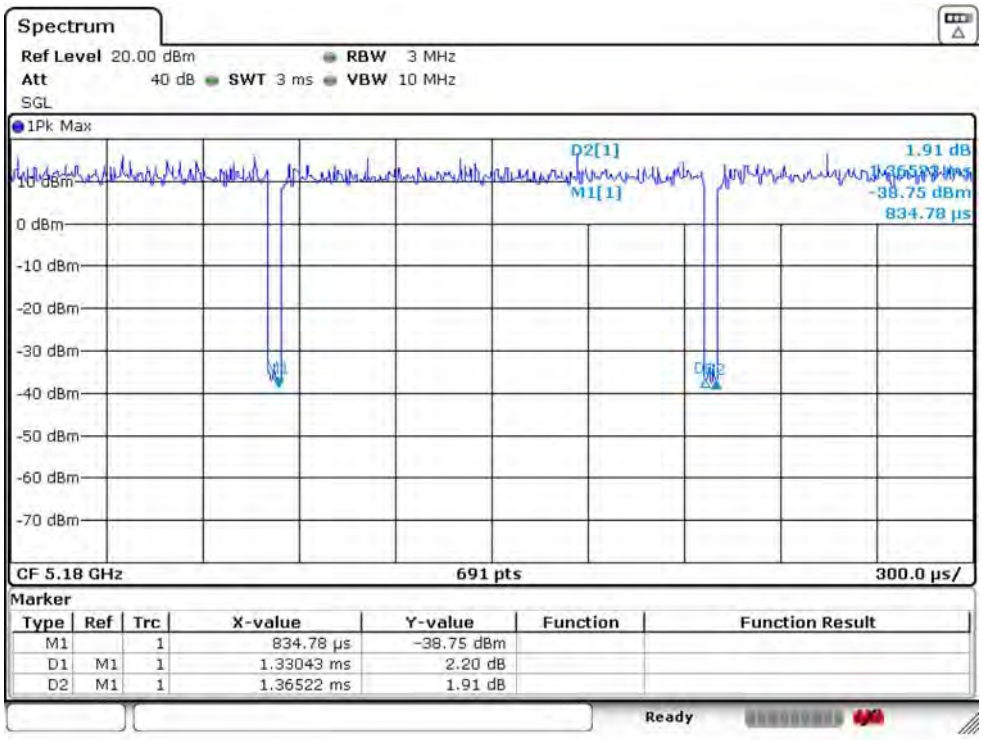
IEEE 802.11n HT20 5180MHz



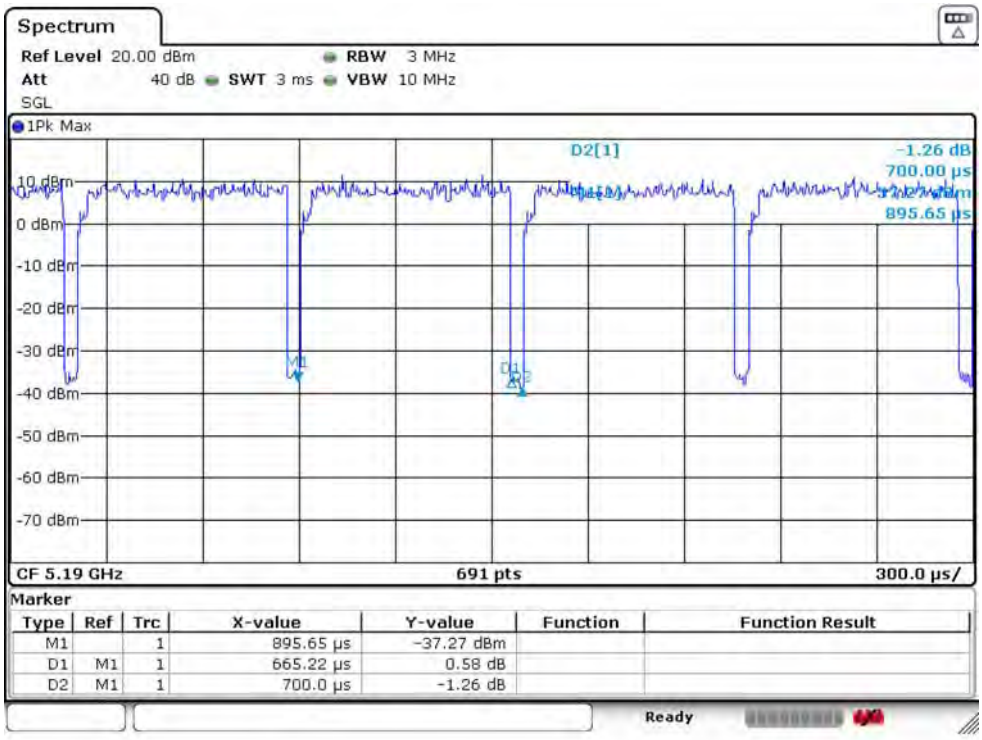
IEEE 802.11n HT40 5190MHz



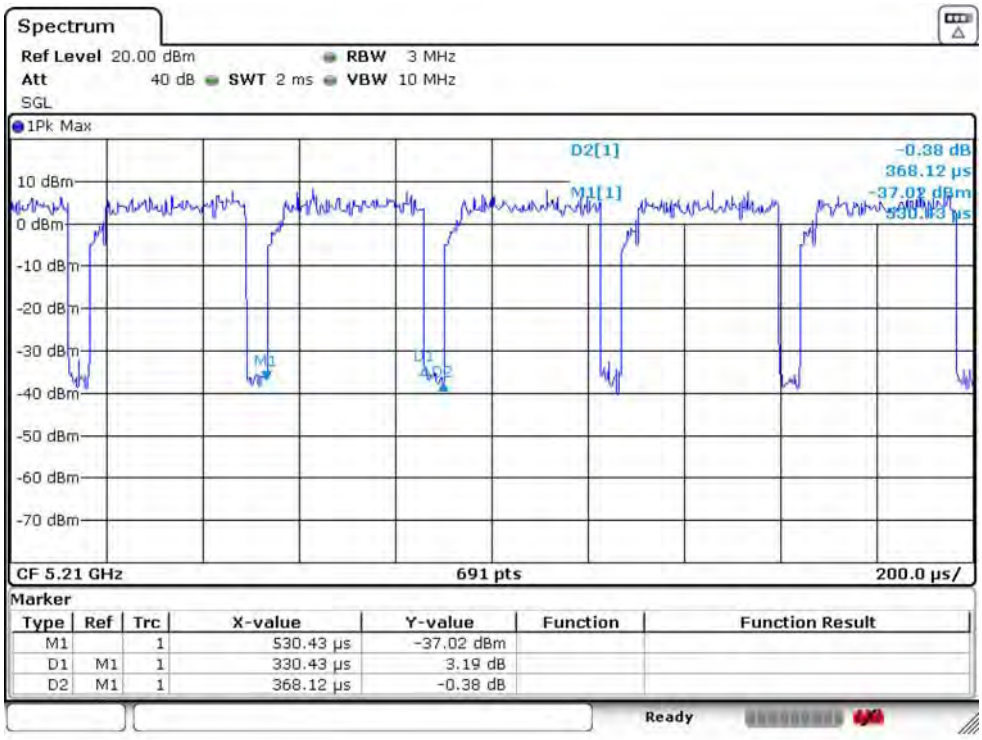
IEEE 802.11ac VHT20 5180MHz



IEEE 802.11ac VHT40 5190MHz



IEEE 802.11ac VHT80 5210MHz



2.10. Test Equipment List

For AC power conducted emissions test						
Equipment	Manufacturer	Model No.	Serial No.	Calibration Body	Last Cal.	Next Cal.
EMI Test Receiver	Rohde & Schwarz	ESHS30	EST-E001	LISAI	June 14,19	1 Year
Artificial Mains Network	Rohde & Schwarz	ENV216	EST-E002	LISAI	June 14,19	1 Year
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	EST-E078	LISAI	June 14,19	1 Year
Test Software	Audix	e3-6.111221a	N/A	N/A	N/A	N/A

For radiated emissions test(9KHz-30MHz)						
Equipment	Manufacturer	Model No.	Serial No.	Calibration Body	Last Cal.	Next Cal.
EMI Test Receiver	Rohde & Schwarz	ESR7	EST-E047	LISAI	June 14,19	1 Year
Active Loop Antenna	SCHWAREBECK	FMZB 1519B	EST-E054	LISAI	June 14,19	1 Year
Test Software	Audix	e3-6.111221a	N/A	N/A	N/A	N/A
9kHz-30MHz Cable	N/A	EST-001	N/A	N/A	N/A	N/A

For radiated emissions test(30MHz-1000MHz)						
Equipment	Manufacturer	Model No.	Serial No.	Calibration Body	Last Cal.	Next Cal.
EMI Test Receiver	Rohde & Schwarz	ESR7	EST-E047	LISAI	June 14,19	1 Year
Bilog Antenna	Teseq	CBL 6111D	EST-E034	LISAI	June 14,19	1 Year
Test Software	Audix	e3-6.111221a	N/A	N/A	N/A	N/A
30-1000MHz Cable	N/A	EST-002	N/A	N/A	N/A	N/A

For radiated emissions test(Above 1000MHz)						
Equipment	Manufacturer	Model No.	Serial No.	Calibration Body	Last Cal.	Next Cal.
Horn Antenna	SCHWARZBECK	BBHA 9120 D	EST-E031	LISAI	June 14,19	1 Year
Signal Amplifier	SCHWARZBECK	BBV9718	EST-E032	LISAI	June 14,19	1 Year
Spectrum Analyzer	Rohde &Schwarz	FSV40	EST-E069	LISAI	June 14,19	1 Year
Test Software	Audix	e3-6.111221a	N/A	N/A	N/A	N/A
Above 1GHz Cable	N/A	EST-003	N/A	N/A	N/A	N/A

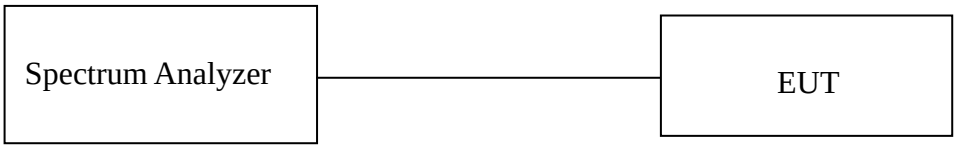
For connect EUT antenna terminal test						
Equipment	Manufacturer	Model No.	Serial No.	Calibration Body	Last Cal.	Next Cal.
TS 8997	Rohde &Schwarz	/	/	/	/	/
Open Switch and Control Unit	Rohde &Schwarz	OSP-B157WB	EST-E036	LISAI	June 14,19	1Year
Signal and Spectrum Analyzer	Rohde &Schwarz	FSV	EST-E037	LISAI	June 14,19	1 Year
Signal Generator	Rohde &Schwarz	SMB100A	EST-E038	LISAI	June 14,19	1 Year
Vector Signal Generator	Rohde &Schwarz	SMBV100A	EST-E039	LISAI	June 14,19	1Year
Test Software	Rohde &Schwarz	WMS32	V10.50.00	N/A	N/A	N/A
Temperature controller	Terchy	MHQ	EST-E101	LISAI	June 14,19	1 Year

3. 6dB Bandwidth &26dB Bandwidth & 99% Occupied Bandwidth

3.1. Limit

Band	Frequency (MHz)	Test Item	Limit
U-NII-1	5150-5250	26dB Bandwidth&99% Occupied Bandwidth	N/A
U-NII-2A	5250-5350	26dB Bandwidth&99% Occupied Bandwidth	N/A
U-NII-2C	5470-5725	26dB Bandwidth&99% Occupied Bandwidth	N/A
U-NII-3	5725-5850	6dB Bandwidth&99% Occupied Bandwidth	6dB Bandwidth≥500KHz

3.2. Test Setup



3.3. Spectrum Analyzer Setting

6dB Bandwidth	
Spectrum Parameters	Setting
RBW	100KHz
VBW	300KHz
Span	40MHz(20MHz Bandwidth mode) 60MHz(40MHz Bandwidth mode) 120MHz(80MHz Bandwidth mode)
Sweep Time	Auto
Detector	Peak
Trace Mode	Max Hold

26dB Bandwidth	
Spectrum Parameters	Setting
RBW	approximately 1% of the emission bandwidth
VBW	＞RBW
Span	40MHz(20MHz Bandwidth mode) 60MHz(40MHz Bandwidth mode) 120MHz(80MHz Bandwidth mode)
Sweep Time	Auto
Detector	Peak
Trace Mode	Max Hold

99% Occupied Bandwidth	
Spectrum Parameters	Setting
RBW	1% to 5% of the OBW
VBW	approximately three times the RBW
Span	between 1.5 times and 5.0 times the OBW
Sweep Time	Auto
Detector	Peak
Trace Mode	Max Hold

3.4. Test Procedure

For 26dB Bandwidth Measurement :

a. Connect EUT antenna terminal to the spectrum analyzer with RF cable.
b. Spectrum analyzer setting parameters in accordance with section 3.3.
c. Set the EUT transmit continuously with maximum output power.
d. Allow trace to stabilize, measure the maximum width of the emission that is 26 dB down from the peak of the emission.Compare this with the RBW setting of the instrument. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.
e. Repeat above procedures until all modes and channels were measured.
f. Record the results in the test report.

For 6dB Bandwidth Measurement :

a. Connect EUT antenna terminal to the spectrum analyzer with RF cable.
b. Spectrum analyzer setting parameters in accordance with section 3.3.
c. Set the EUT transmit continuously with maximum output power.
d. Allow trace to stabilize, measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.
e. Repeat above procedures until all modes and channels were measured.
f. Record the results in the test report.

For 99% Occupied Bandwidth Measurement :

a. Connect EUT antenna terminal to the spectrum analyzer with RF cable.
b. Spectrum analyzer setting parameters in accordance with section 3.3.
c. Set the EUT transmit continuously with maximum output power.
d. Allow trace to stabilize, use the 99% power bandwidth function to measure bandwidth.
e. Repeat above procedures until all modes and channels were measured.
f. Record the results in the test report.

3.5. Test Result

Temperature	27℃	Relative Humidity	54%	Test Voltage	120V/60Hz

3.6. Test Result

BAND	Test Mode	Fre (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth （MHz）	Calculate Power Limit (W)	Calculate Power Limit (dBm)
U-NII-1	IEEE 802.11a	5180	20.376	16.787		
		5200	20.145	16.787		
		5240	20.203	16.614		
	IEEE 802.11n HT20	5180	20.55	17.771		
		5200	20.376	17.713		
		5240	20.666	17.771		
	IEEE 802.11ac VHT20	5180	20.434	17.713		
		5200	20.492	17.713		
		5240	20.434	17.713		
	IEEE 802.11n HT40	5190	40.984	36.932		
		5230	40.984	36.816		
	IEEE 802.11ac VHT40	5190	41.071	36.700		
		5230	40.897	36.585		
	IEEE 802.11ac VHT80	5210	81.62	75.195		
U-NII-2A	IEEE 802.11a	5260	20.029	16.614	0.2500	23.98
		5300	20.203	16.556	0.2500	23.98
		5320	20.087	16.729	0.2500	23.98
	IEEE 802.11n HT20	5260	20.492	17.713	0.2500	23.98
		5300	20.55	17.771	0.2500	23.98
		5320	20.55	17.713	0.2500	23.98
	IEEE 802.11ac VHT20	5260	20.492	17.656	0.2500	23.98
		5300	20.492	17.656	0.2500	23.98
		5320	20.434	17.771	0.2500	23.98
	IEEE 802.11n HT40	5270	41.071	36.700	0.2500	23.98
		5310	40.81	36.816	0.2500	23.98
	IEEE 802.11ac VHT40	5270	40.637	36.585	0.2500	23.98
		5310	40.81	36.700	0.2500	23.98
	IEEE 802.11ac VHT80	5290	81.62	75.369	0.2500	23.98
U-NII-2C	IEEE 802.11a	5500	20.318	16.671	0.2500	23.98
		5580	19.855	16.787	0.2500	23.98
		5700	20.318	16.498	0.2500	23.98
	IEEE 802.11n HT20	5500	20.55	17.887	0.2500	23.98
		5580	20.434	17.887	0.2500	23.98
		5700	20.376	17.731	0.2500	23.98
	IEEE 802.11ac VHT20	5500	20.55	17.713	0.2500	23.98
		5580	20.434	17.713	0.2500	23.98
		5700	20.55	17.598	0.2500	23.98
	IEEE 802.11n HT40	5510	40.724	36.932	0.2500	23.98
		5590	41.245	36.816	0.2500	23.98
		5670	40.897	36.816	0.2500	23.98
	IEEE 802.11ac VHT40	5510	41.071	36.585	0.2500	23.98
		5590	41.071	36.700	0.2500	23.98
		5670	41.071	36.700	0.2500	23.98
	IEEE 802.11ac VHT80	5530	81.45	75.195	0.2500	23.98
		5610	81.27	75.195	0.2500	23.98

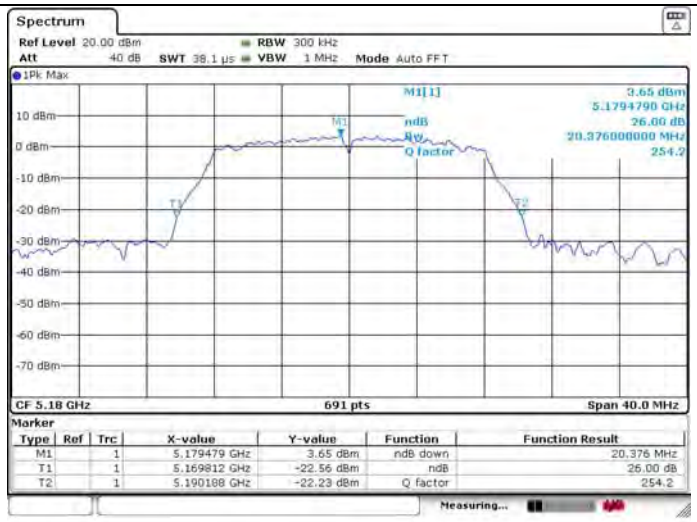
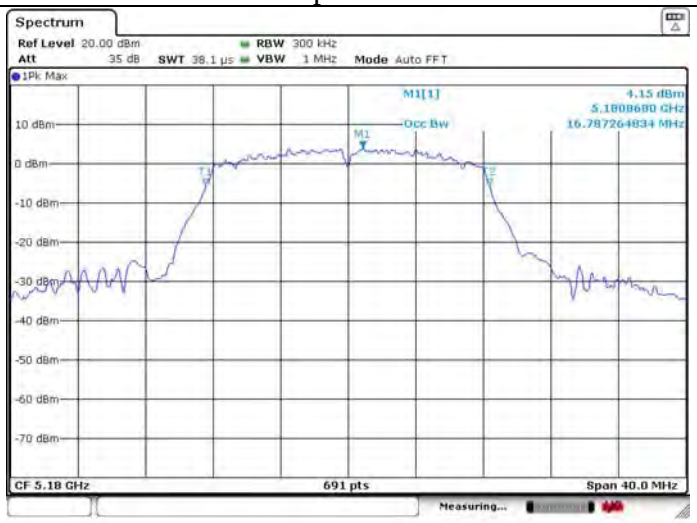
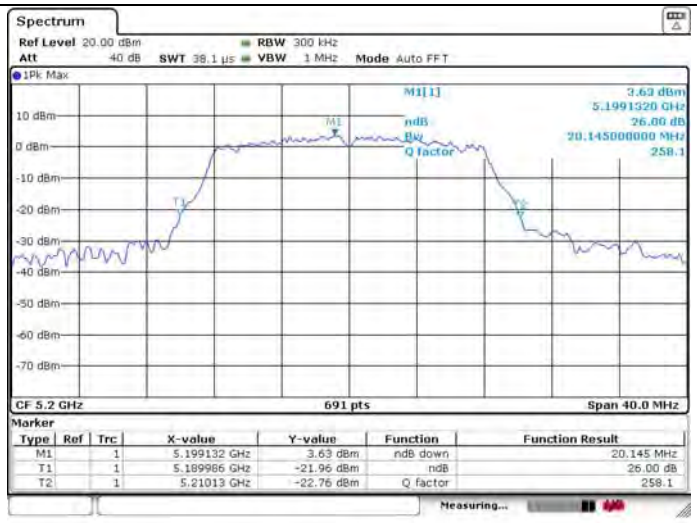
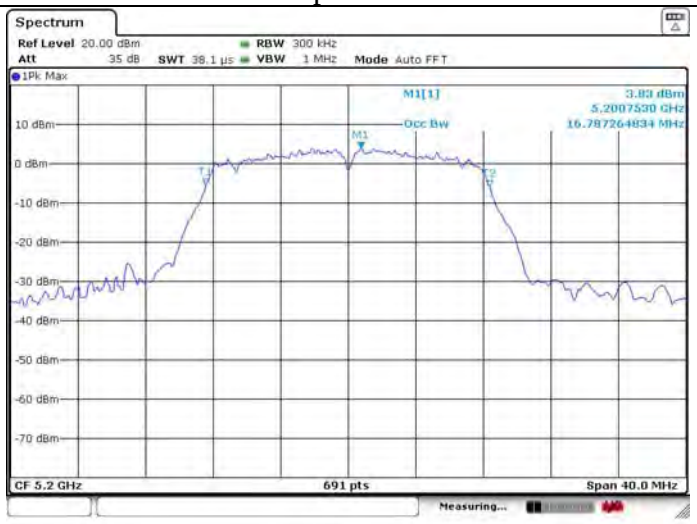
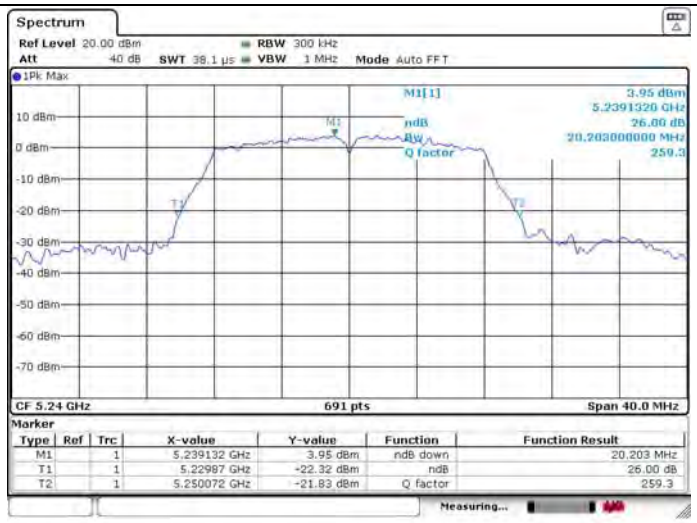
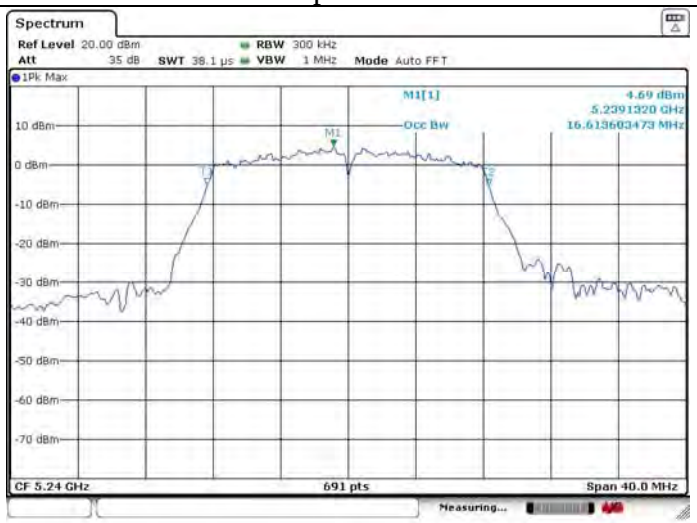
Temperature	27℃	Relative Humidity	54%	Test Voltage	120V/60Hz
6dB Bandwidth&99% Occupied Bandwidth					

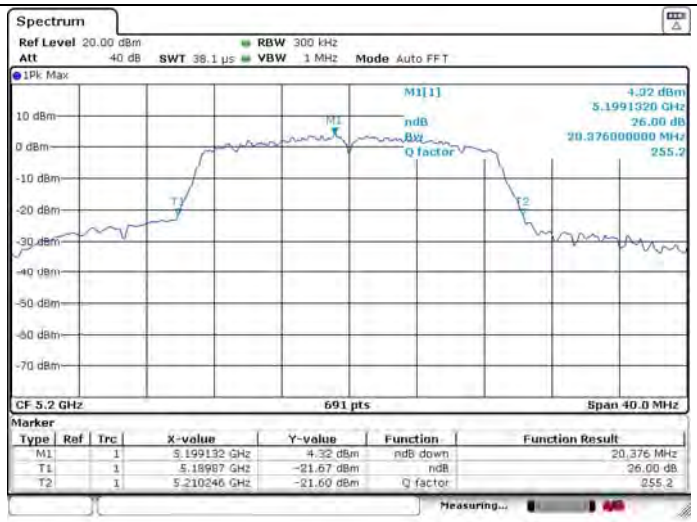
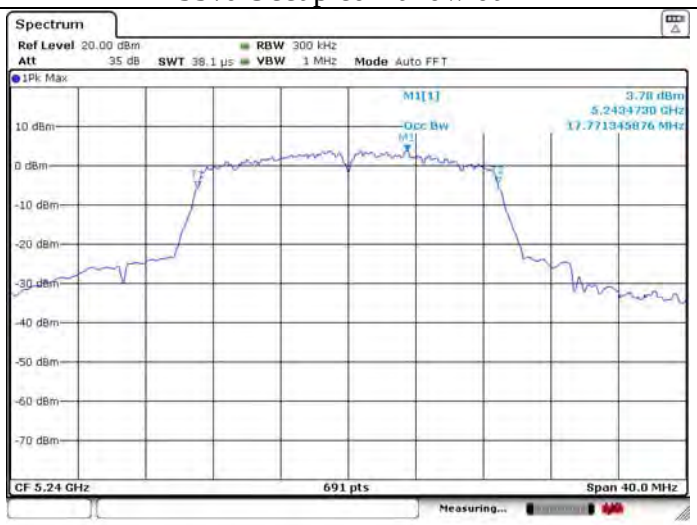
BAND	Test Mode	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth （MHz）	6dB BW Min Limit (MHz)	Result
U-NII-3	IEEE 802.11a	5745	15.142	16.671	0.5	PASS
		5785	15.315	16.729	0.5	PASS
		5825	15.142	16.556	0.5	PASS
	IEEE 802.11n HT20	5745	15.462	17.829	0.5	PASS
		5785	15.342	17.771	0.5	PASS
		5825	15.142	17.771	0.5	PASS
	IEEE 802.11ac VHT20	5745	15.142	17.713	0.5	PASS
		5785	15.955	17.597	0.5	PASS
		5825	15.142	17.713	0.5	PASS
	IEEE 802.11n HT40	5755	35.122	36.932	0.5	PASS
		5795	35.122	36.816	0.5	PASS
	IEEE 802.11ac VHT40	5755	35.122	36.816	0.5	PASS
		5795	35.122	36.585	0.5	PASS
	IEEE 802.11ac VHT80	5775	75.175	75.369	0.5	PASS

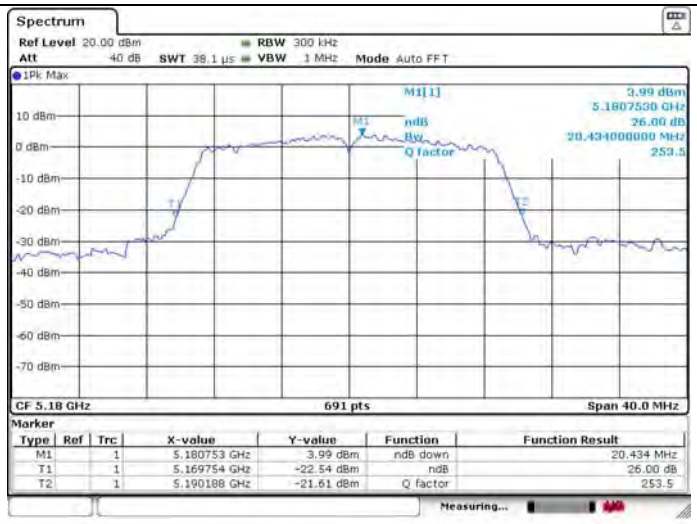
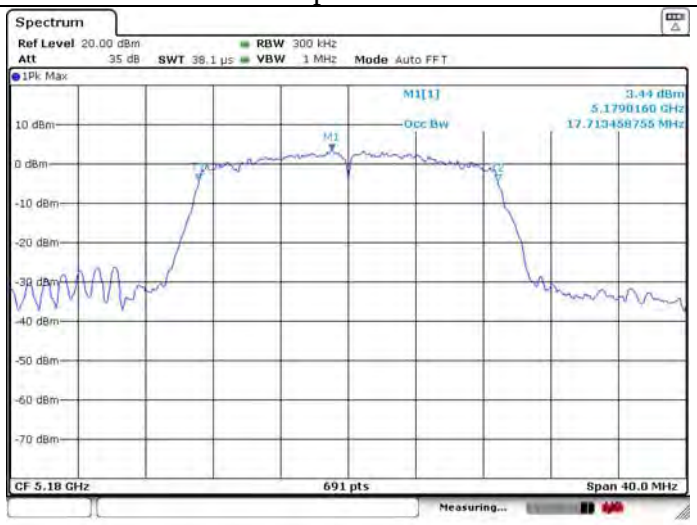
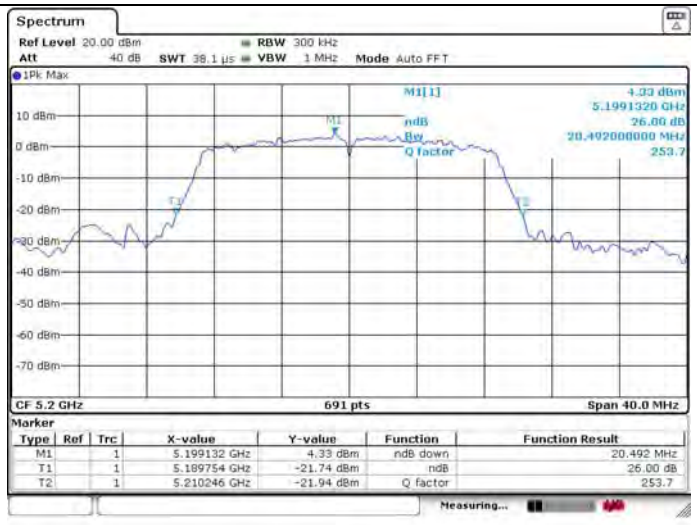
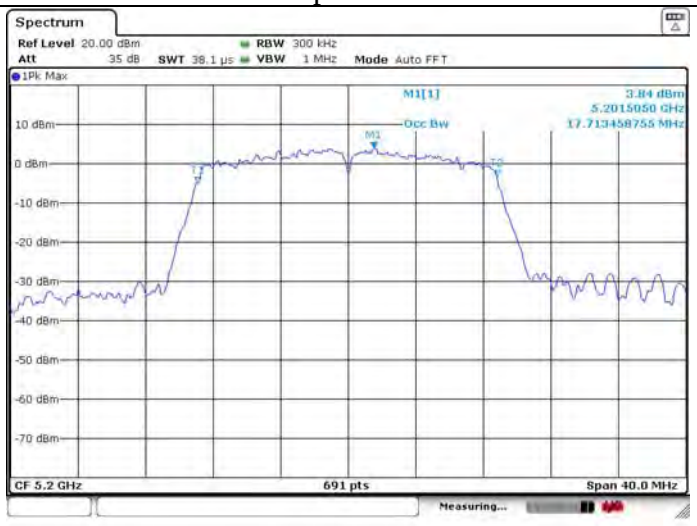
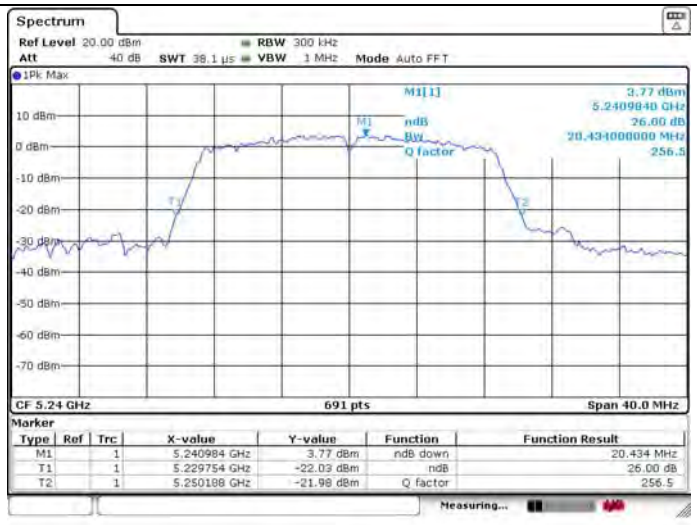
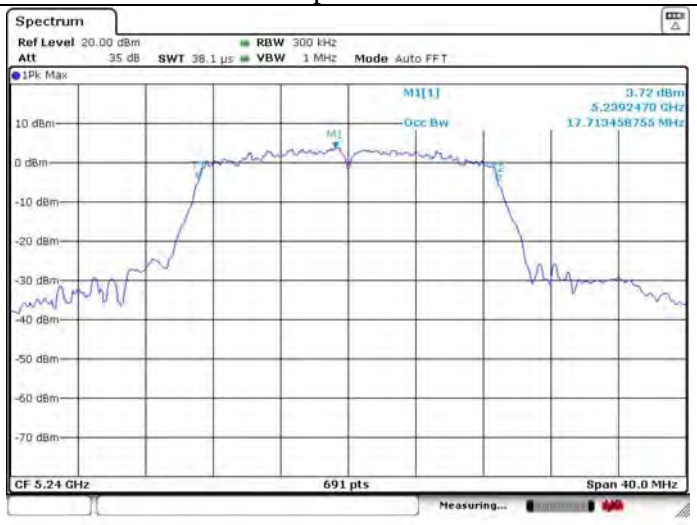
Note :

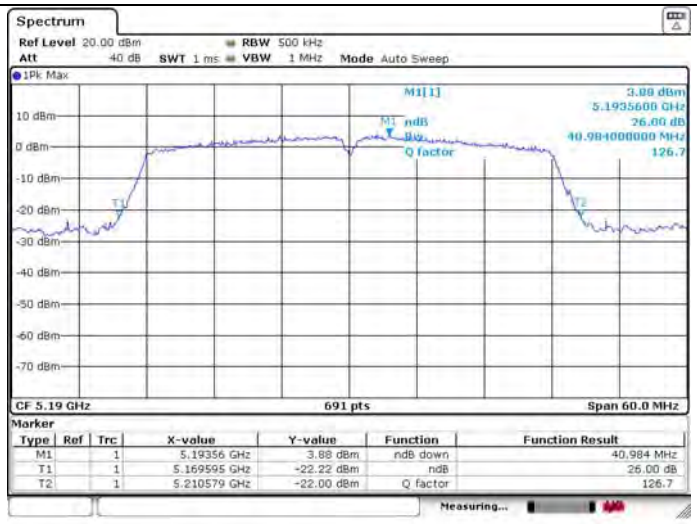
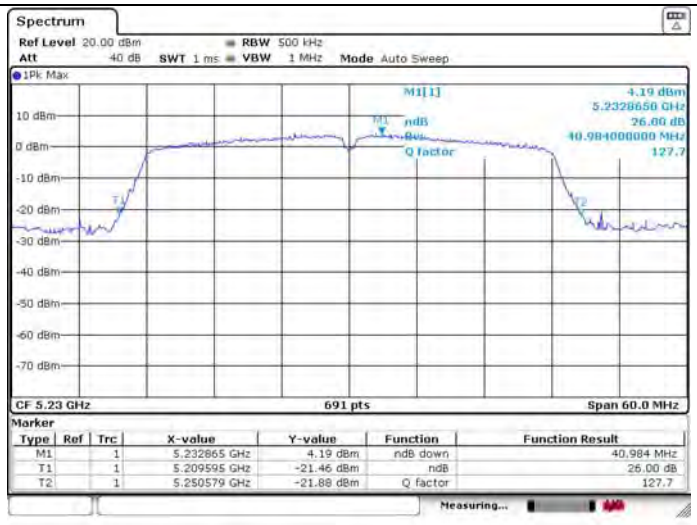
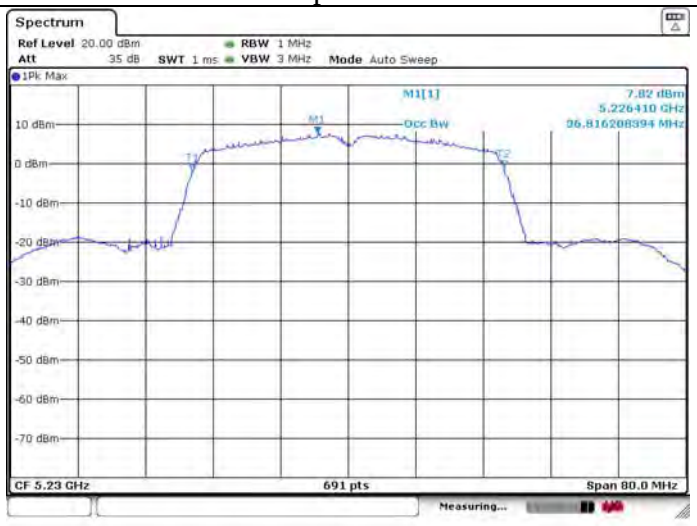
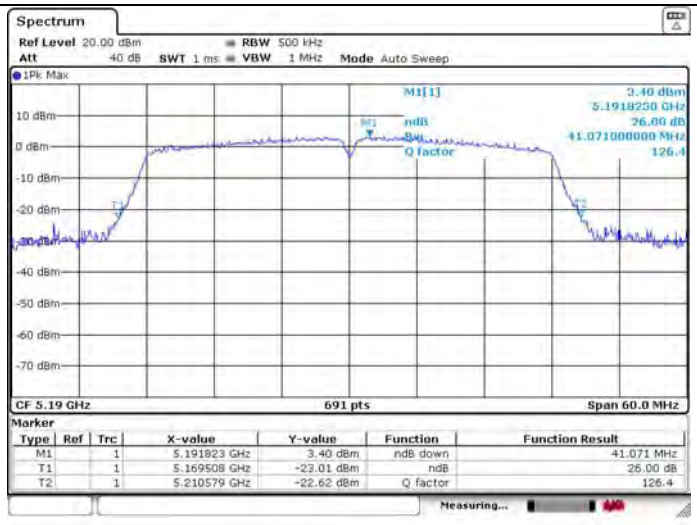
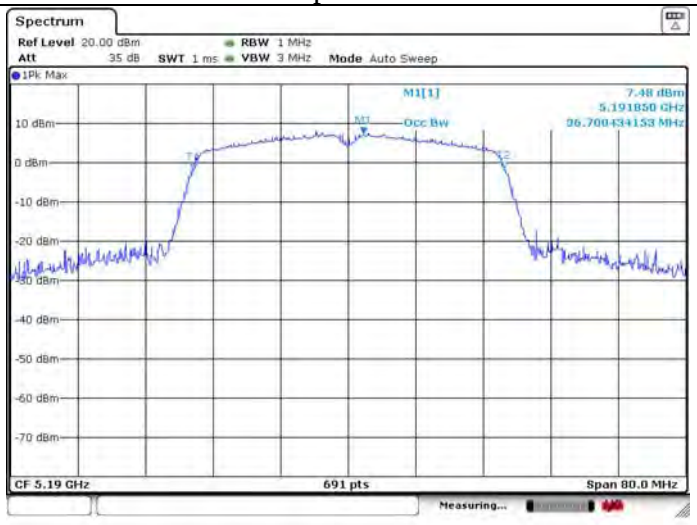
For Band U-NII-2A and U-NII-2C,the maximum conducted output power limit is 250mw or 11+10×Log B, which is lesser,where B is the 26dB Bandwidth in MHz.So in this section,the maximum conducted output power limit can calculate with 26dB Bandwidth.

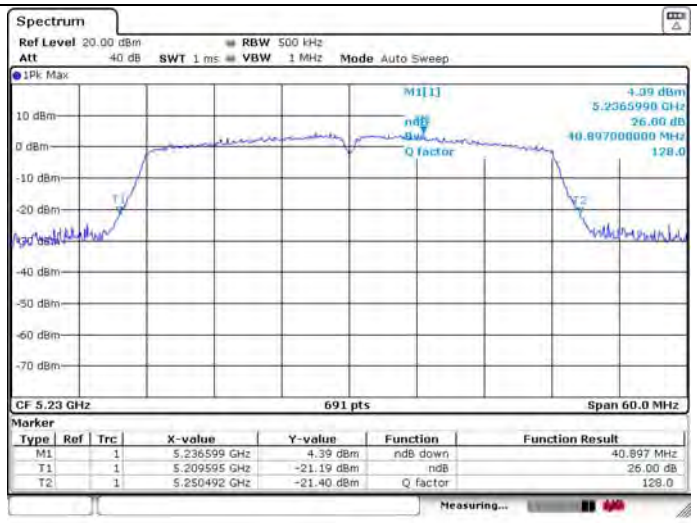
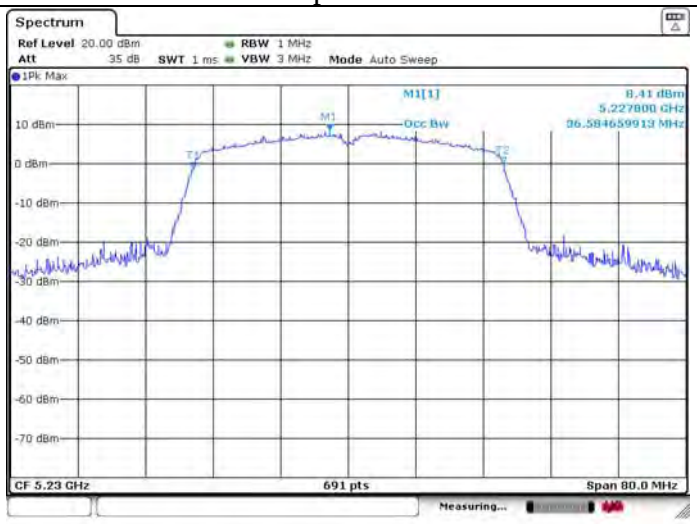
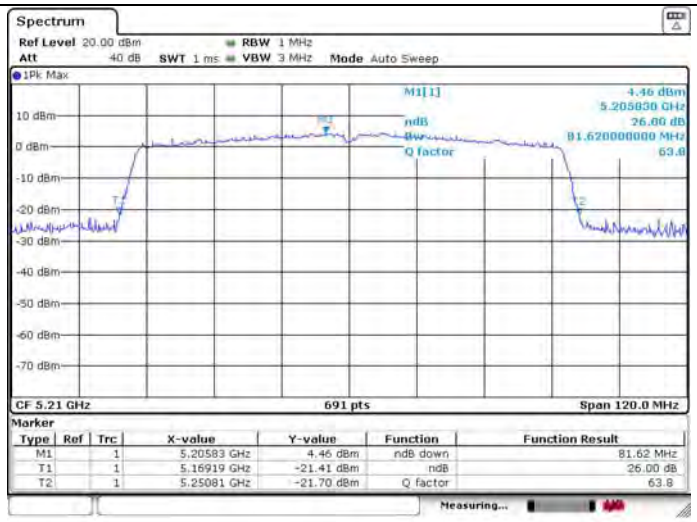
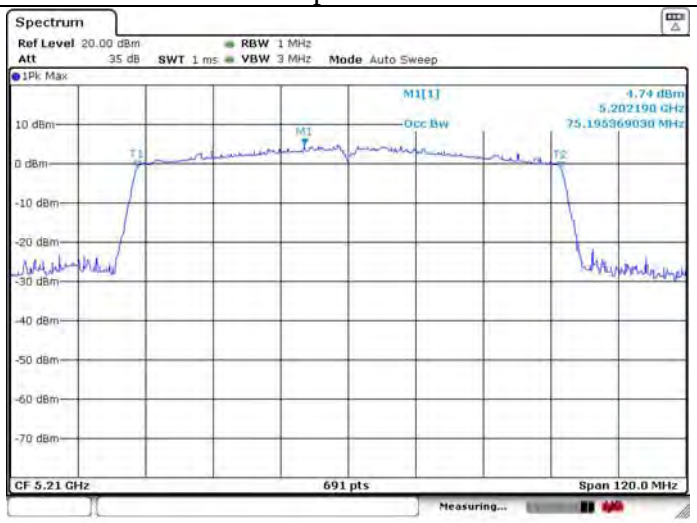
3.7. Test Result

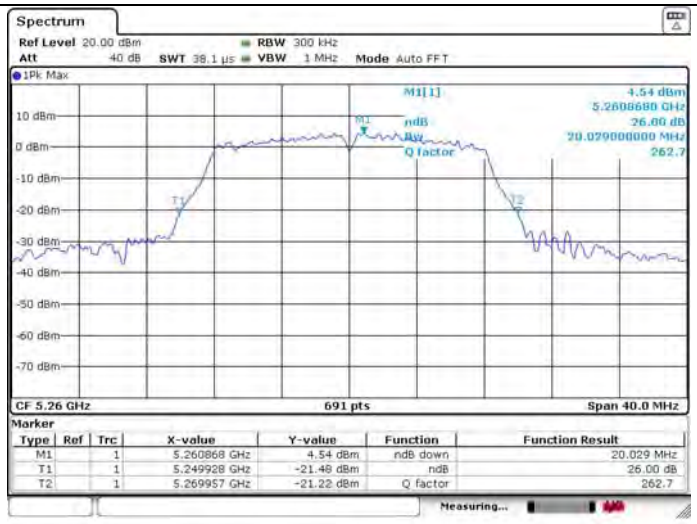
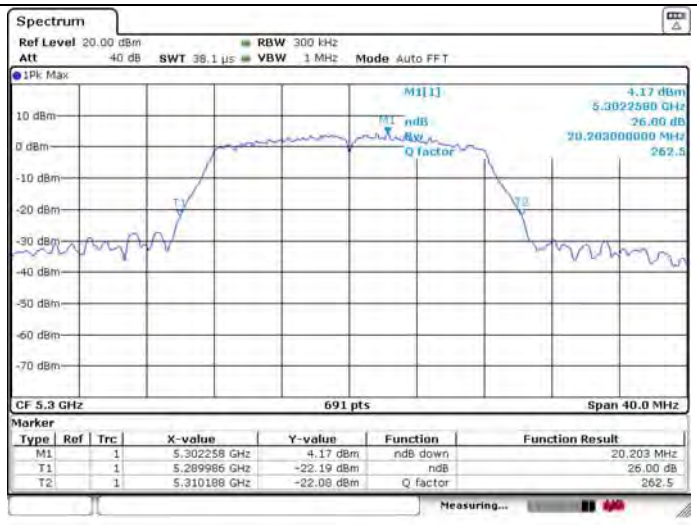
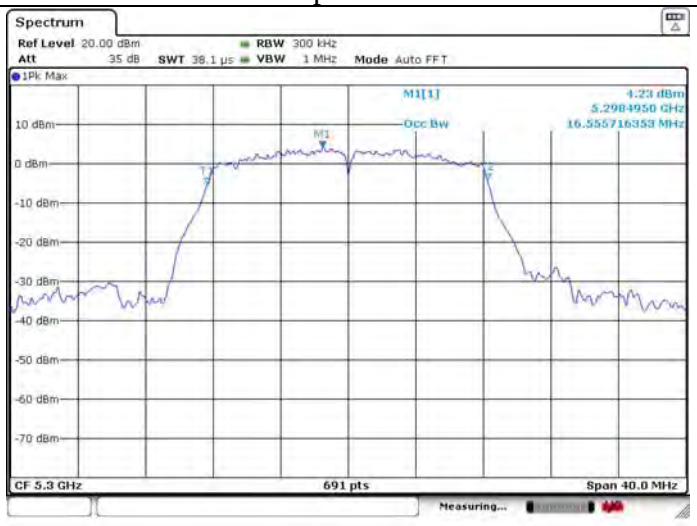
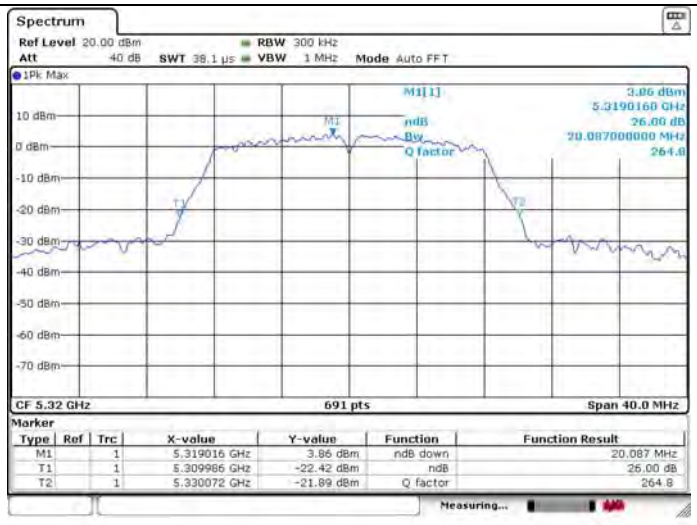
U-NII-1 IEEE 802.11a 5180MHz	
26dB Bandwidth	99% Occupied Bandwidth
	
U-NII-1 IEEE 802.11a 5200MHz	
26dB Bandwidth	99% Occupied Bandwidth
	
U-NII-1 IEEE 802.11a 5240MHz	
26dB Bandwidth	99% Occupied Bandwidth
	

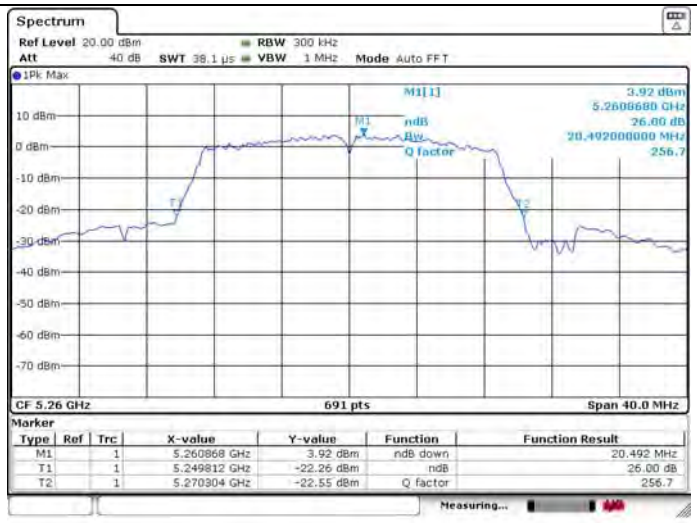
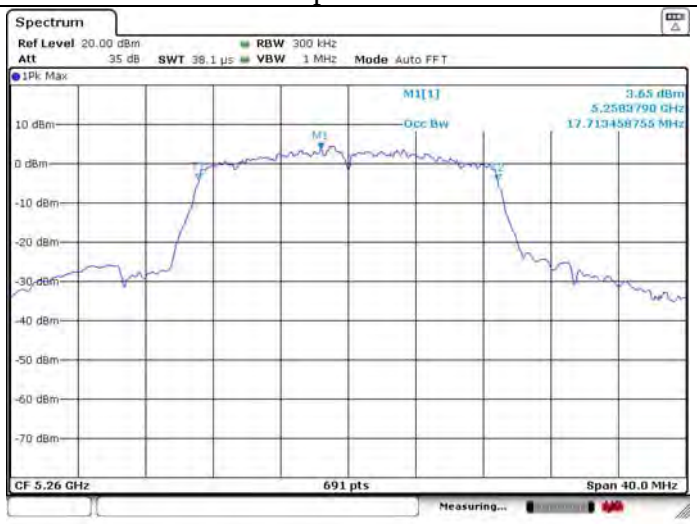
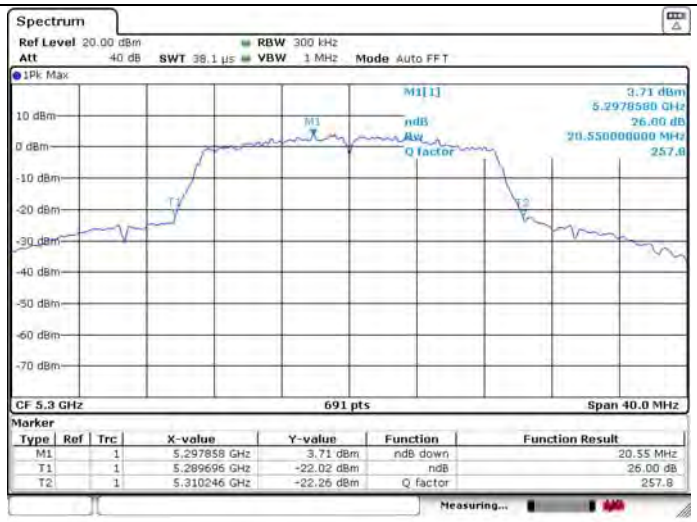
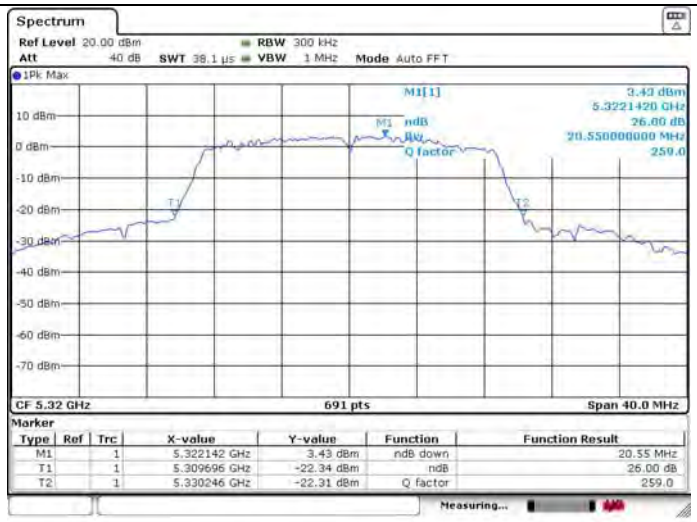
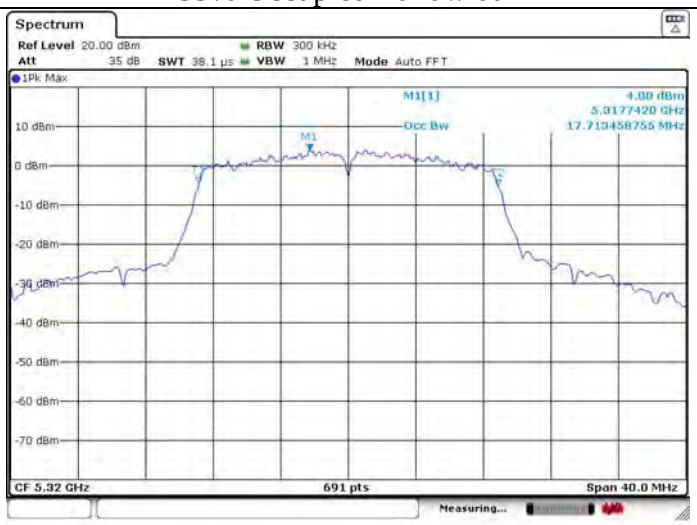
U-NII-1 IEEE 802.11n HT20 5180MHz	
26dB Bandwidth	99% Occupied Bandwidth
	
U-NII-1 IEEE 802.11n HT20 5200MHz	
26dB Bandwidth	99% Occupied Bandwidth
	
U-NII-1 IEEE 802.11n HT20 5240MHz	
26dB Bandwidth	99% Occupied Bandwidth
	

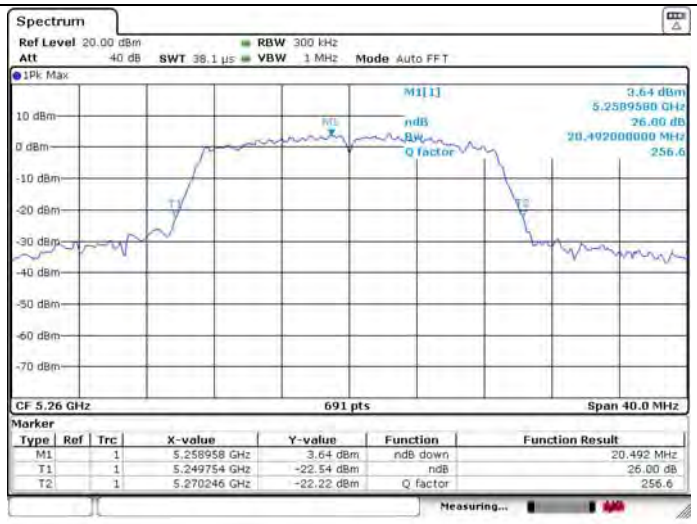
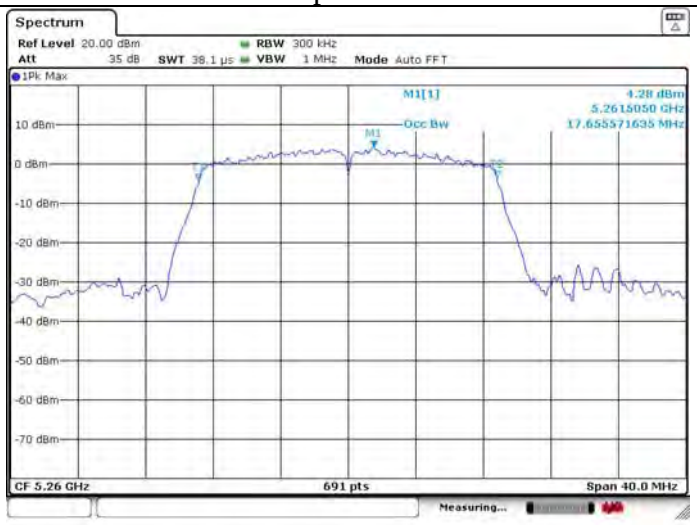
U-NII-1 IEEE 802.11ac VHT20 5180MHz	
26dB Bandwidth	99% Occupied Bandwidth
	
U-NII-1 IEEE 802.11ac VHT20 5200MHz	
26dB Bandwidth	99% Occupied Bandwidth
	
U-NII-1 IEEE 802.11ac VHT20 5240MHz	
26dB Bandwidth	99% Occupied Bandwidth
	

U-NII-1 IEEE 802.11n HT40 5190MHz	
26dB Bandwidth	99% Occupied Bandwidth
	
U-NII-1 IEEE 802.11n HT40 5230MHz	
26dB Bandwidth	99% Occupied Bandwidth
	
U-NII-1 IEEE 802.11ac VHT40 5190MHz	
26dB Bandwidth	99% Occupied Bandwidth
	

U-NII-1 IEEE 802.11ac VHT40 5230MHz	
26dB Bandwidth	99% Occupied Bandwidth
	
U-NII-1 IEEE 802.11ac VHT80 5210MHz	
26dB Bandwidth	99% Occupied Bandwidth
	

U-NII-2A IEEE 802.11a 5260MHz	
26dB Bandwidth	99% Occupied Bandwidth
	
U-NII-2A IEEE 802.11a 5300MHz	
26dB Bandwidth	99% Occupied Bandwidth
	
U-NII-2A IEEE 802.11a 5320MHz	
26dB Bandwidth	99% Occupied Bandwidth
	

U-NII-2A IEEE 802.11n HT20 5260MHz	
26dB Bandwidth	99% Occupied Bandwidth
	
U-NII-2A IEEE 802.11n HT20 5300MHz	
26dB Bandwidth	99% Occupied Bandwidth
	
U-NII-2A IEEE 802.11n HT20 5320MHz	
26dB Bandwidth	99% Occupied Bandwidth
	

U-NII-2A IEEE 802.11ac VHT20 5260MHz	
26dB Bandwidth	99% Occupied Bandwidth
	
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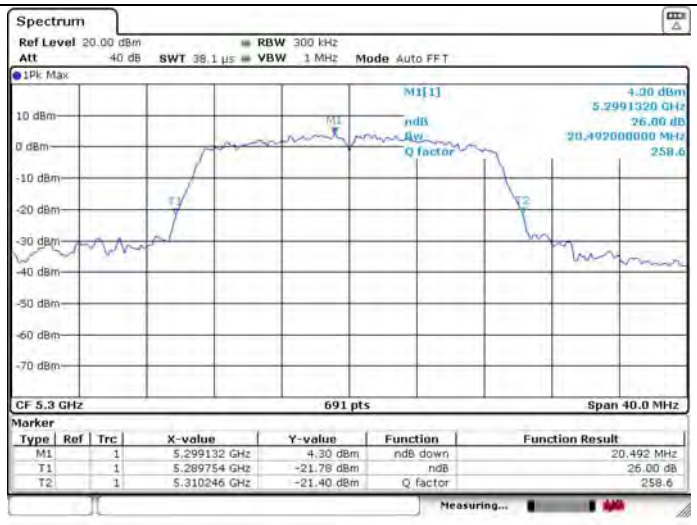
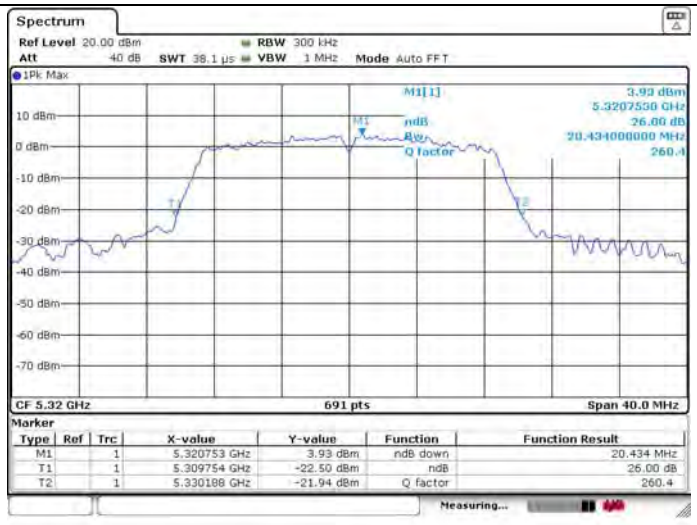
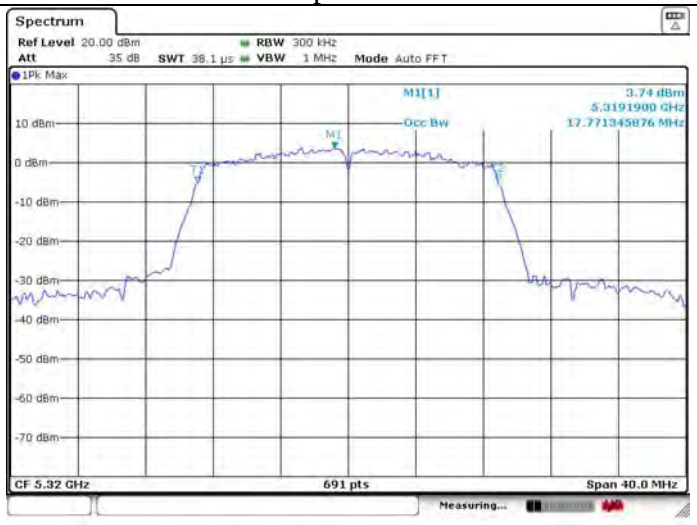
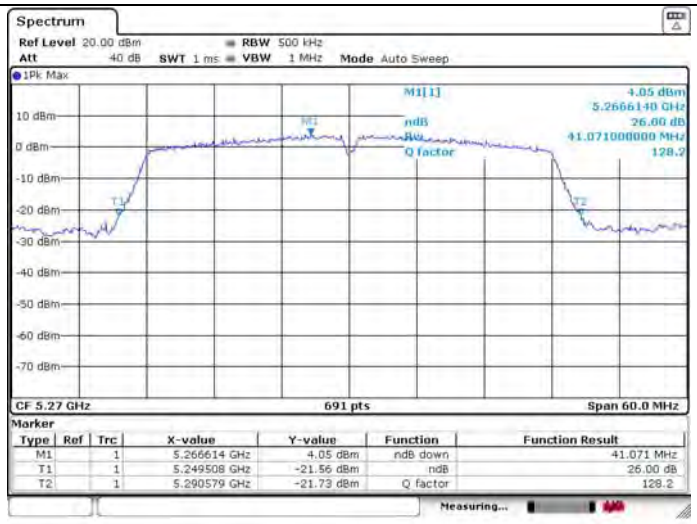
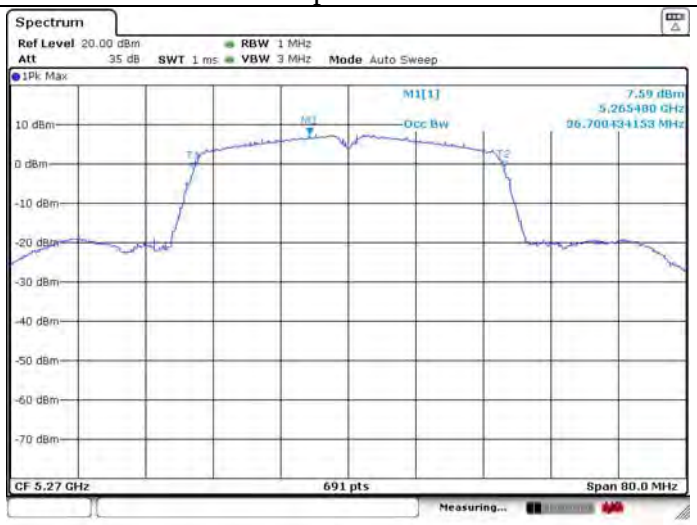
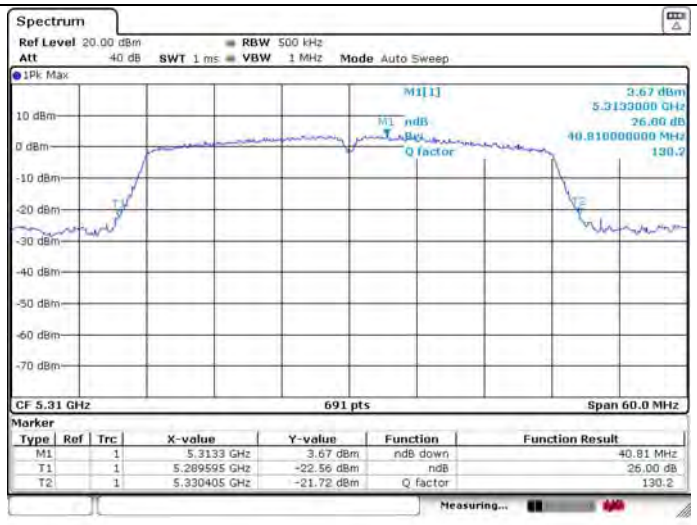
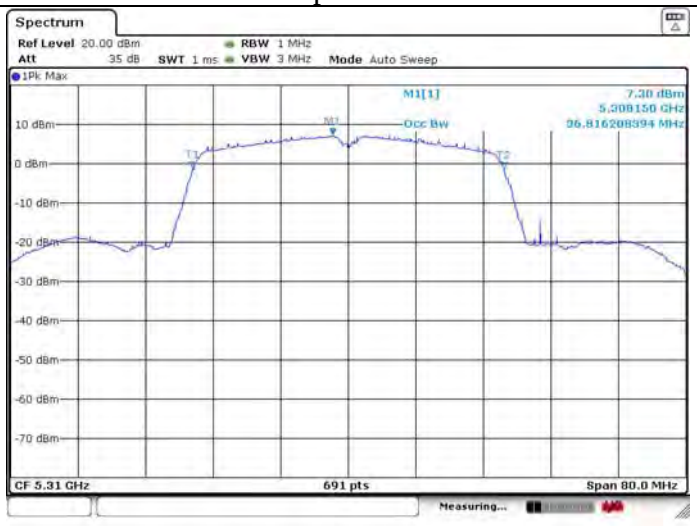
26dB Bandwidth	99% Occupied Bandwidth
	
U-NII-2A IEEE 802.11ac VHT20 5320MHz	
26dB Bandwidth	99% Occupied Bandwidth
	

U-NII-2A IEEE 802.11n HT40 5270MHz	
26dB Bandwidth	99% Occupied Bandwidth
	
U-NII-2A IEEE 802.11n HT40 5310MHz	
26dB Bandwidth	99% Occupied Bandwidth
	
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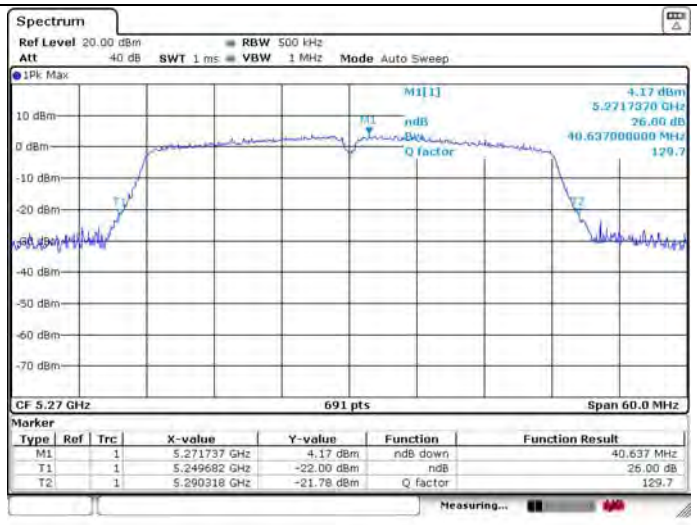
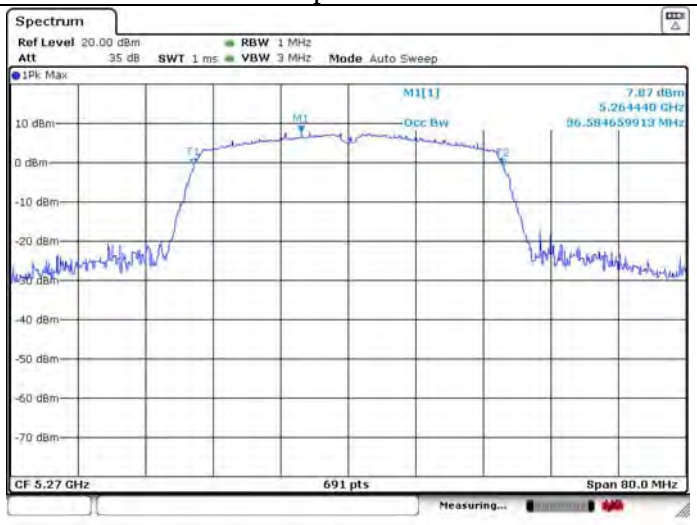
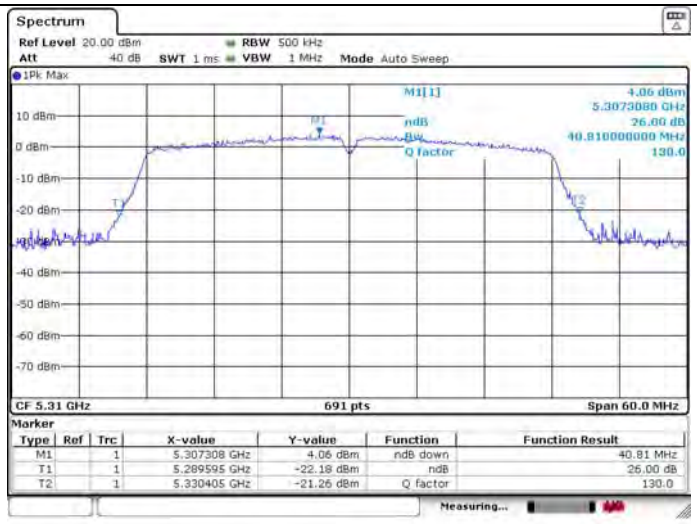
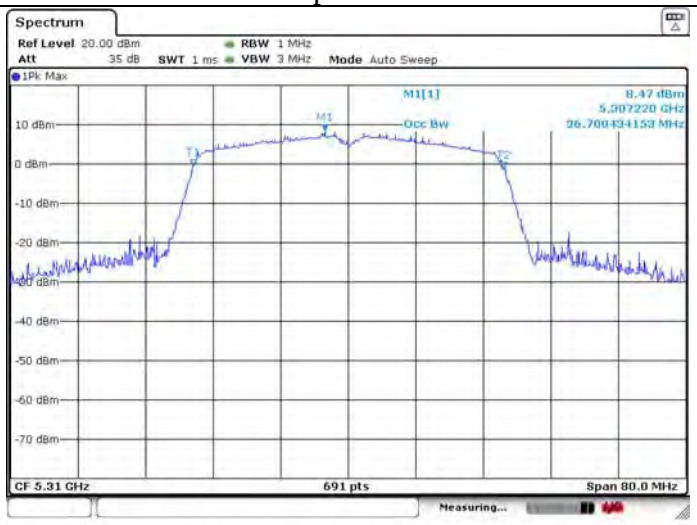
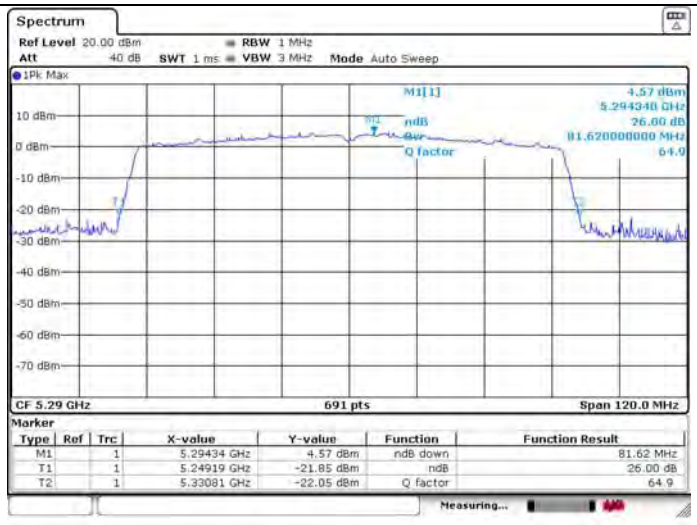
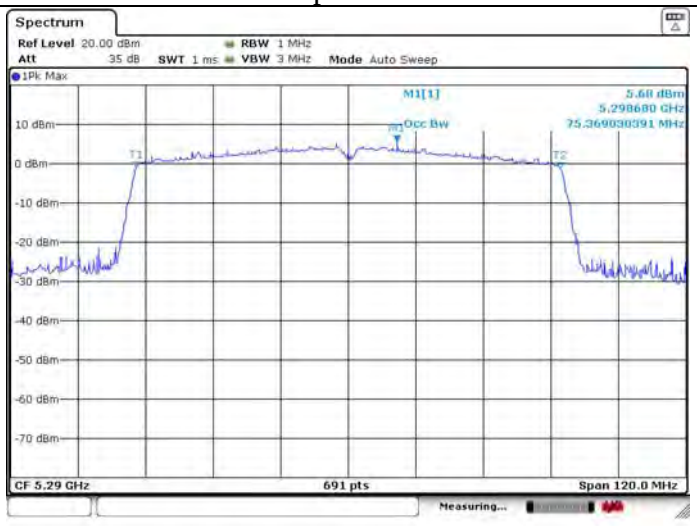
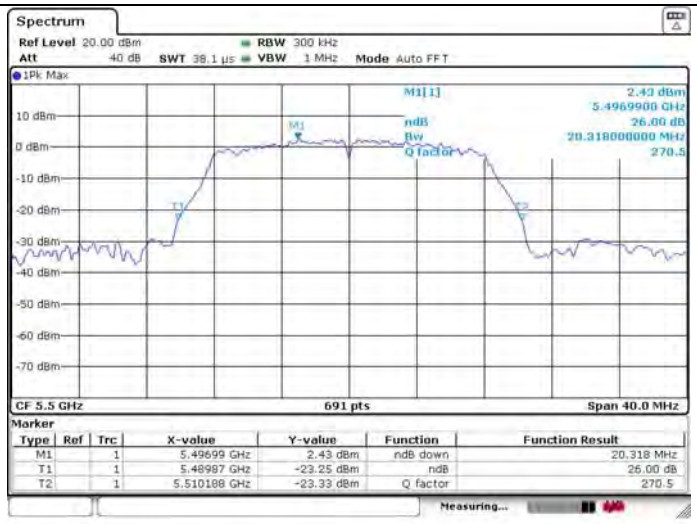
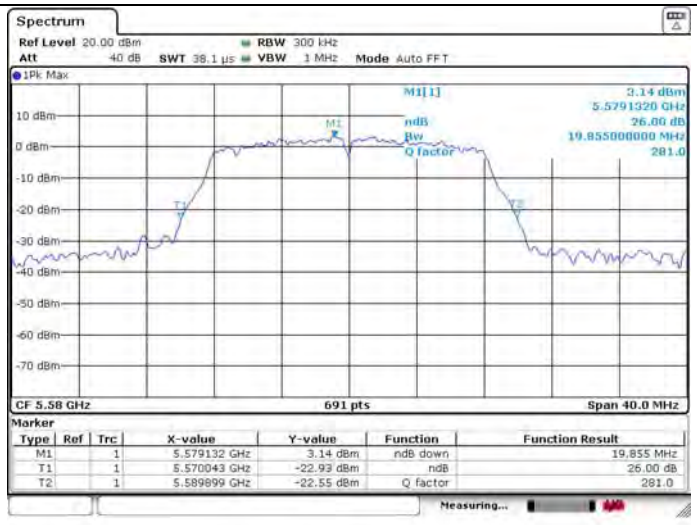
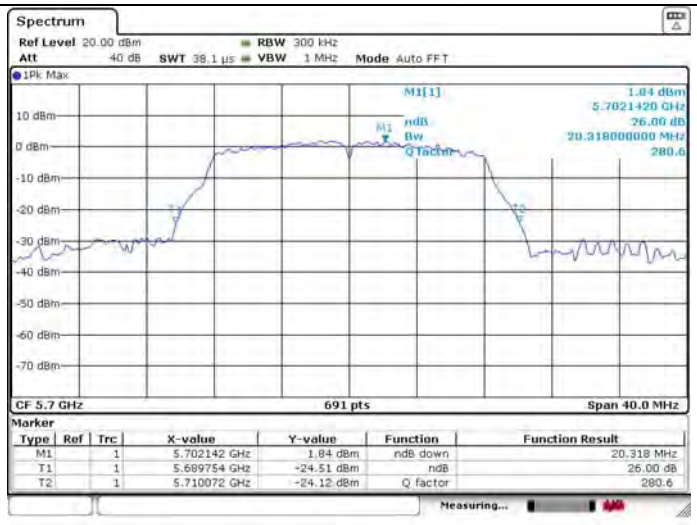
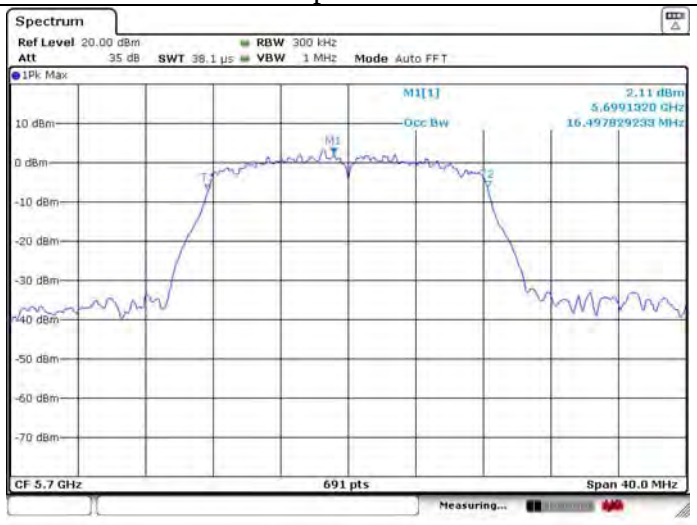
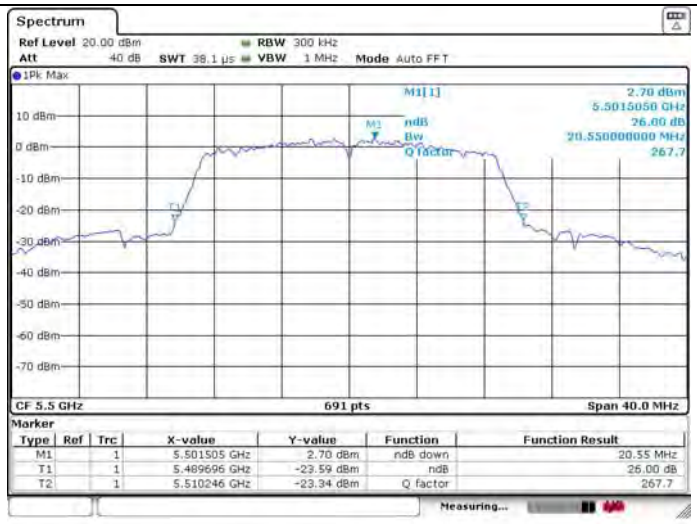
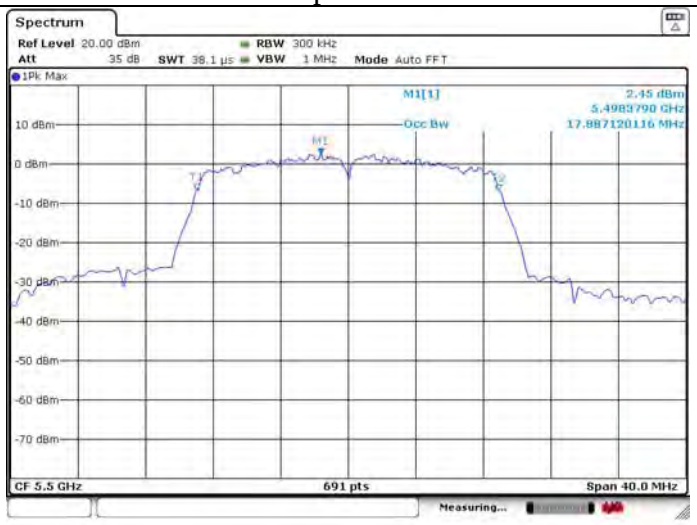
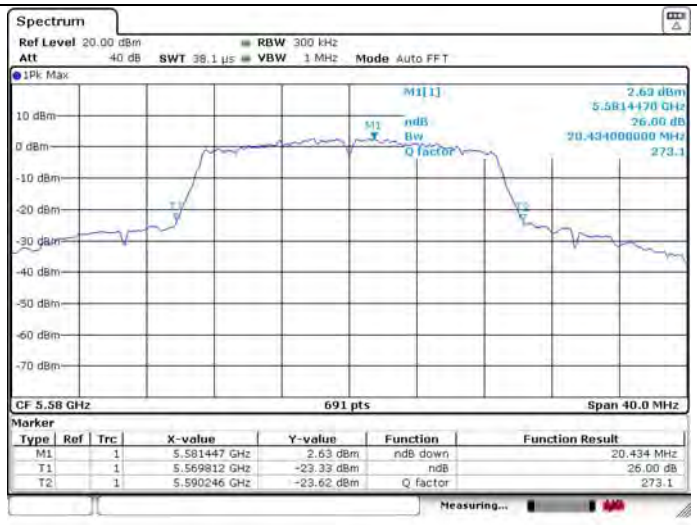
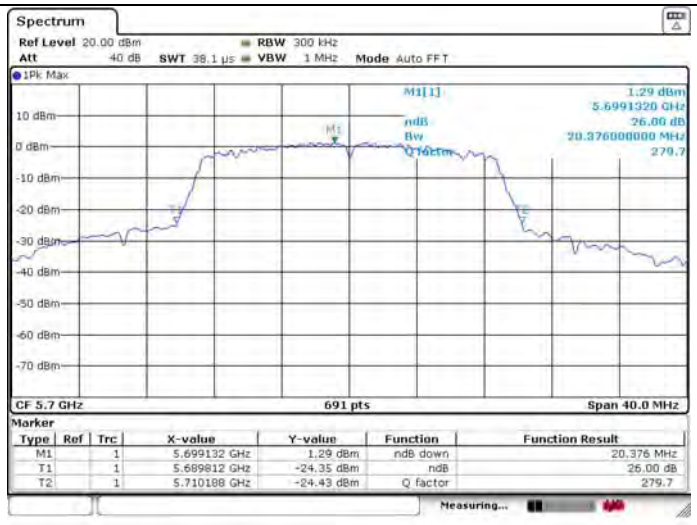
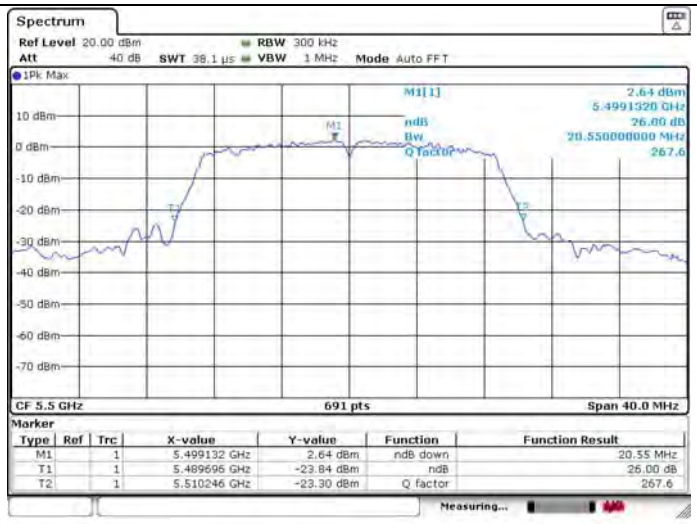
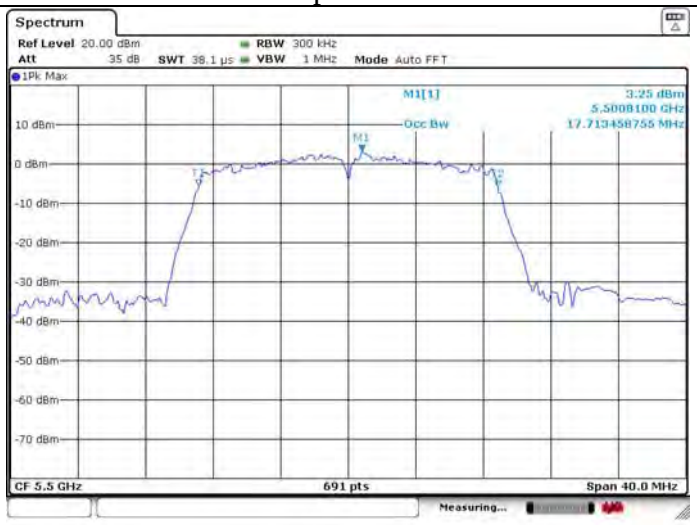
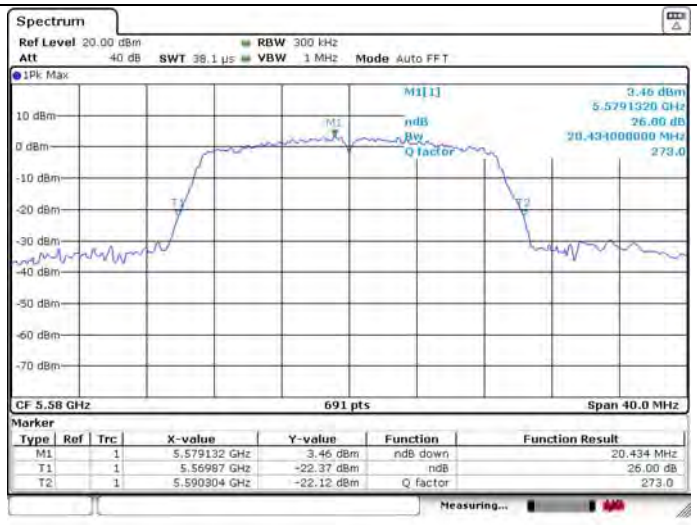
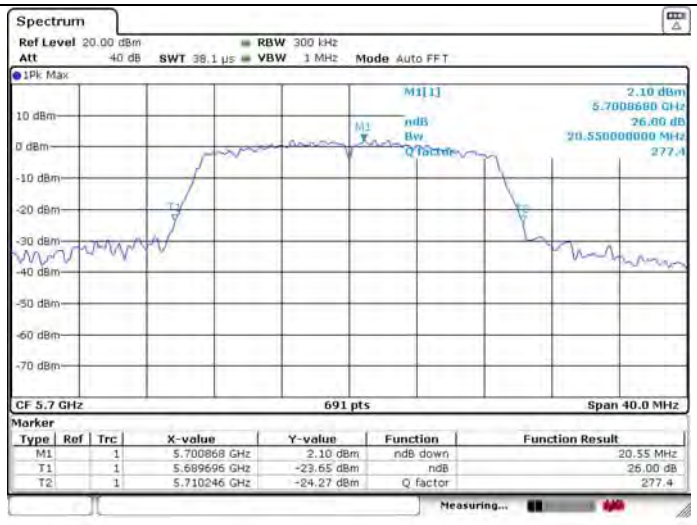
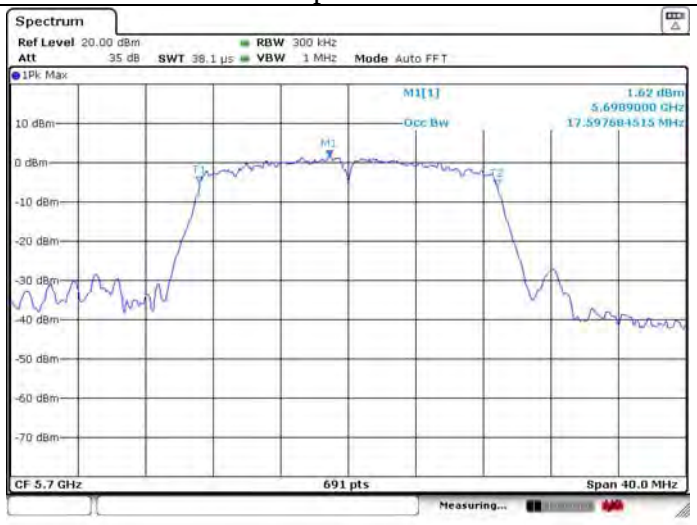
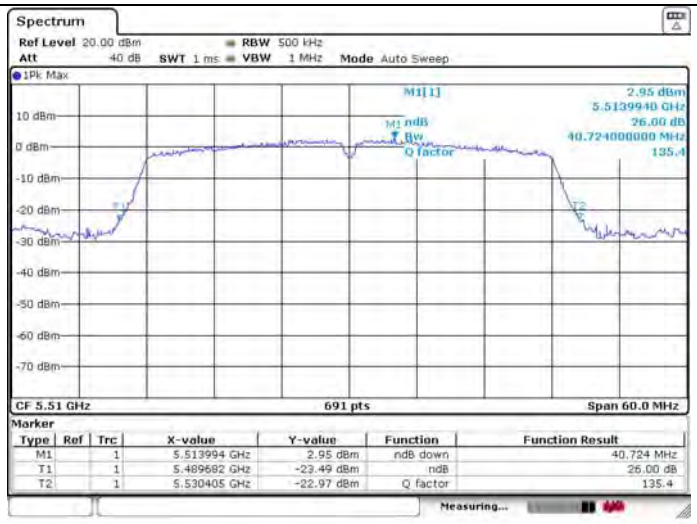
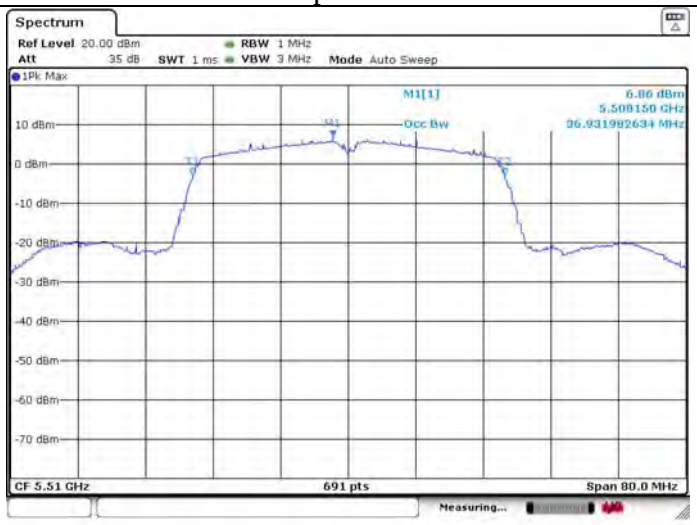
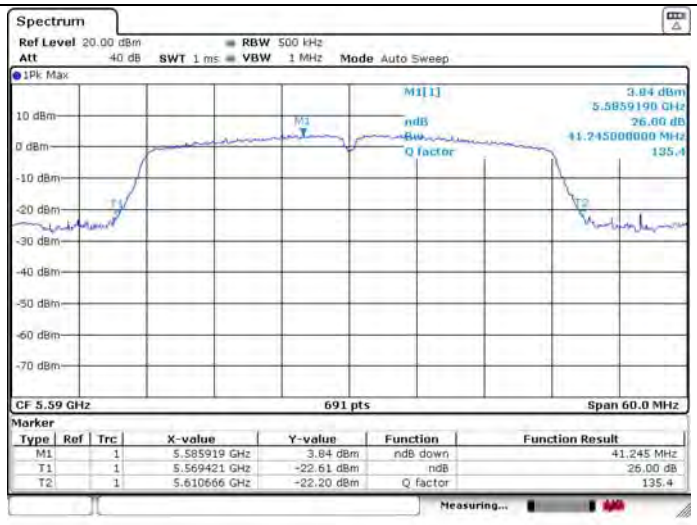
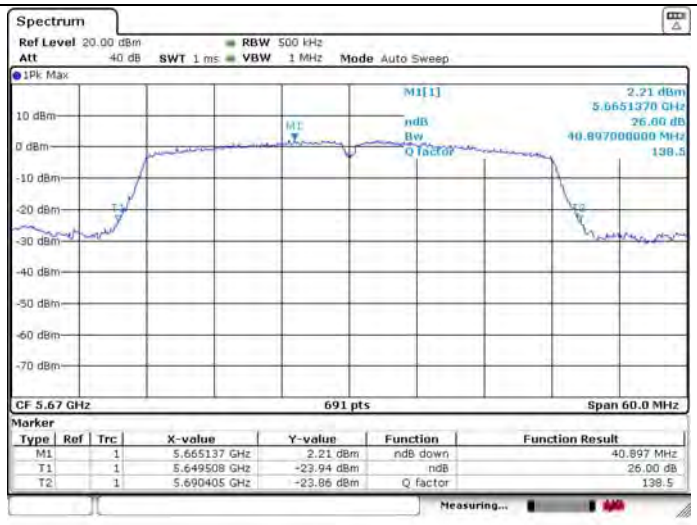
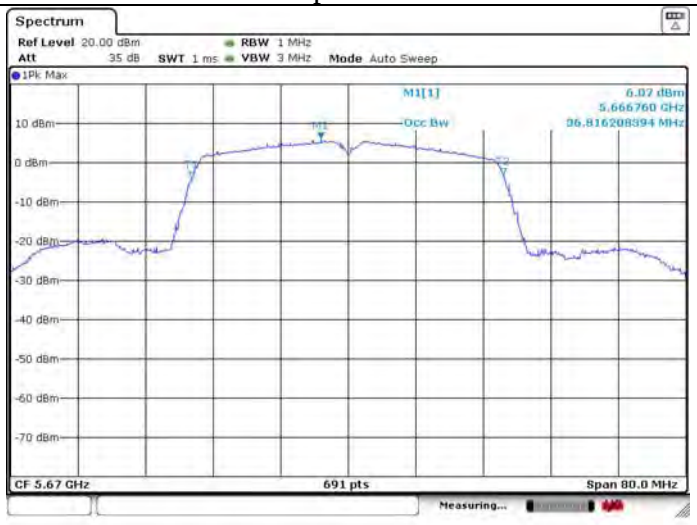
26dB Bandwidth	99% Occupied Bandwidth
	

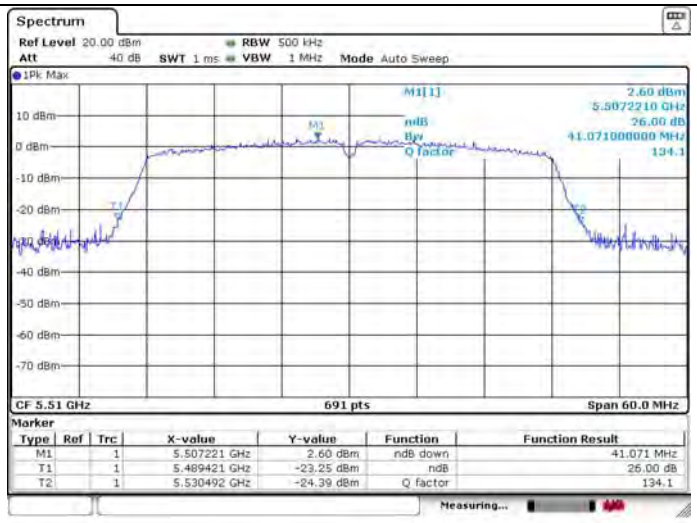
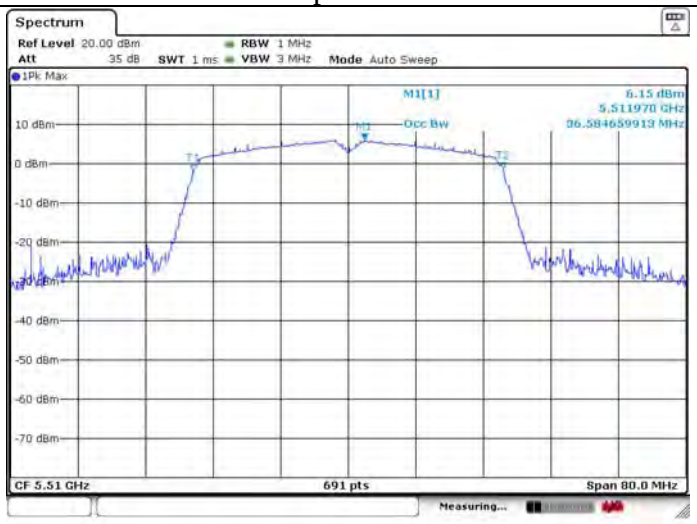
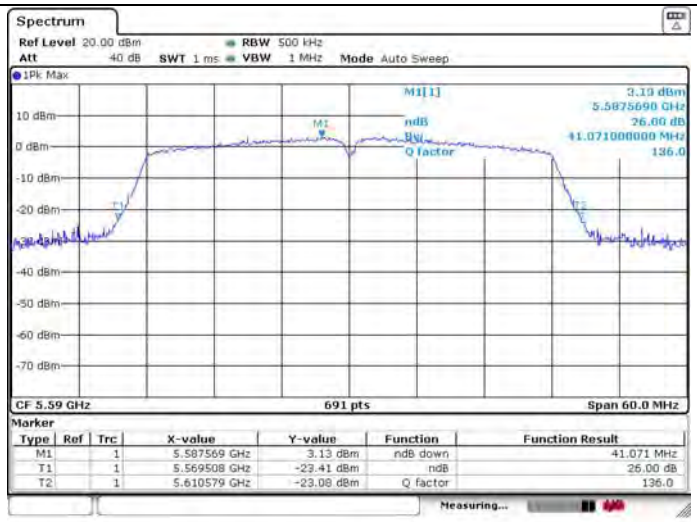
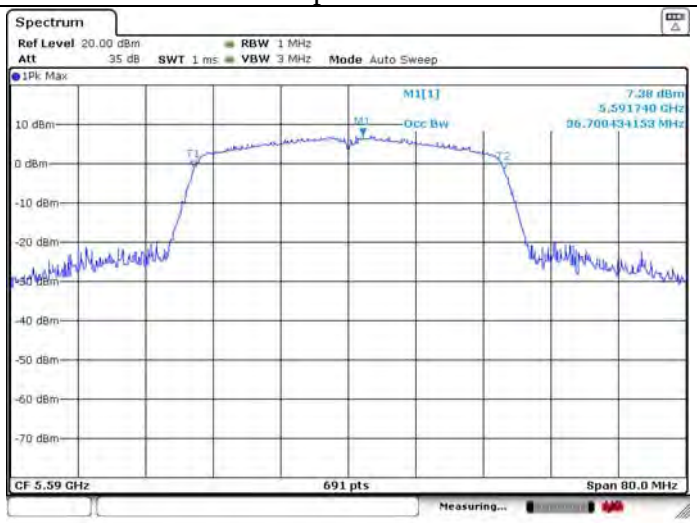
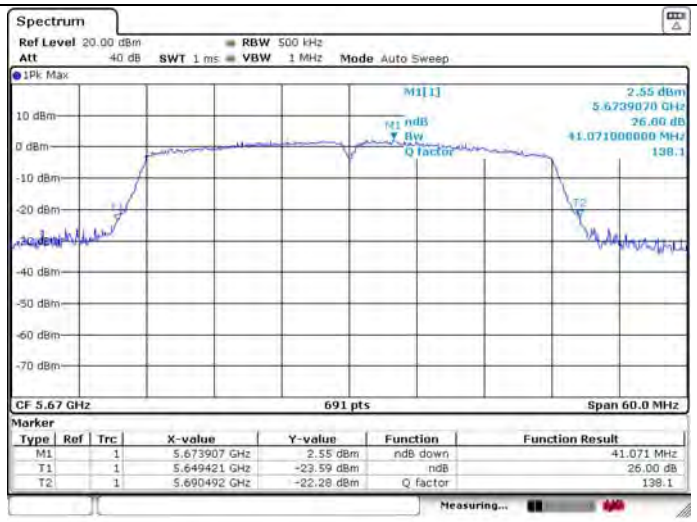
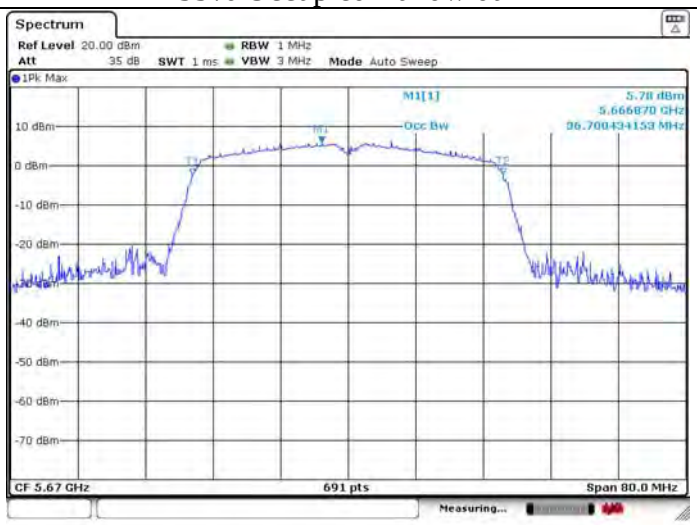
U-NII-2A IEEE 802.11ac VHT40 5310MHz	
26dB Bandwidth	99% Occupied Bandwidth
	
U-NII-2A IEEE 802.11ac VHT80 5290MHz	
26dB Bandwidth	99% Occupied Bandwidth
	

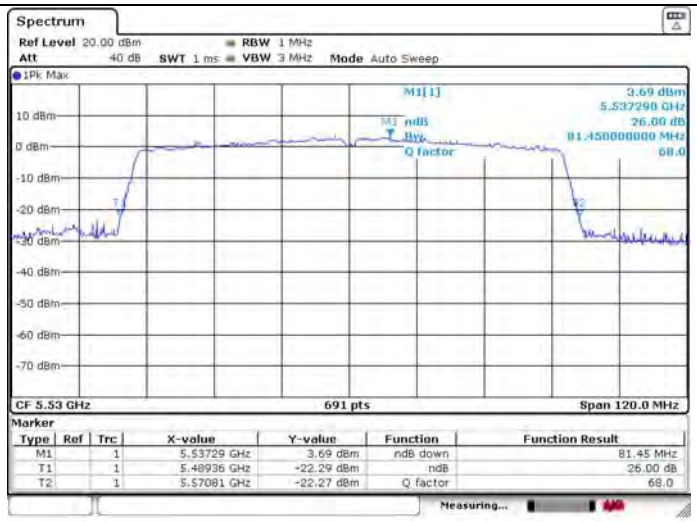
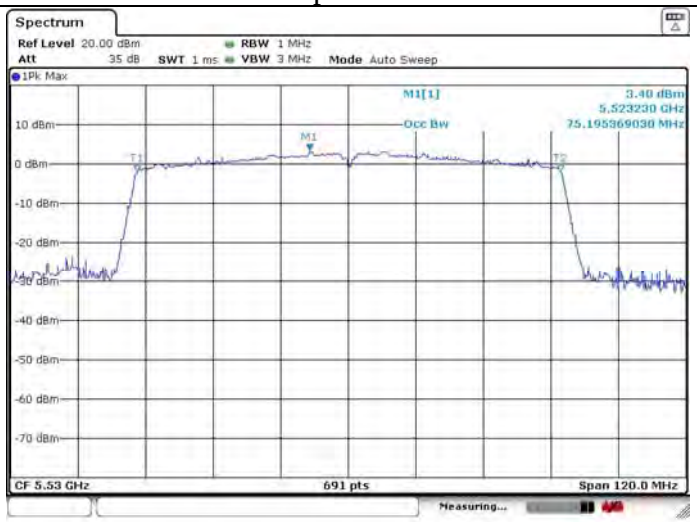
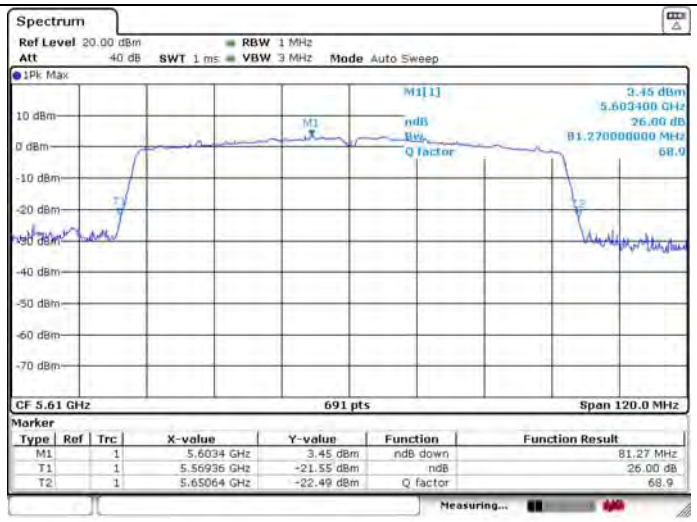
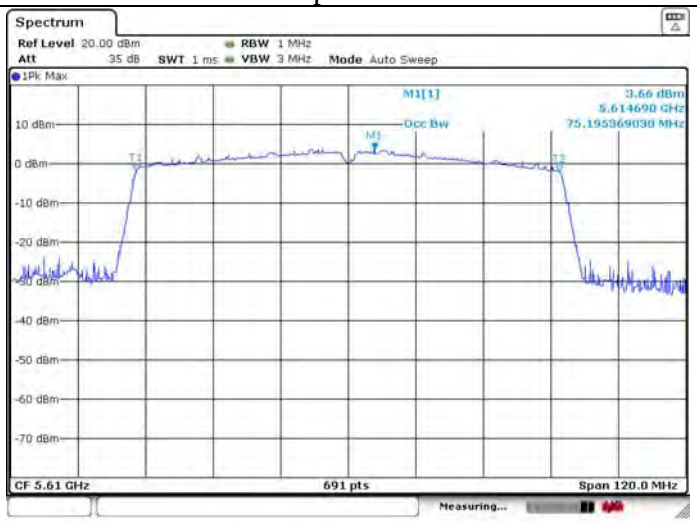
U-NII-2C IEEE 802.11a 5500MHz	
26dB Bandwidth	99% Occupied Bandwidth
	
U-NII-2C IEEE 802.11a 5580MHz	
26dB Bandwidth	99% Occupied Bandwidth
	
U-NII-2C IEEE 802.11a 5700MHz	
26dB Bandwidth	99% Occupied Bandwidth
	

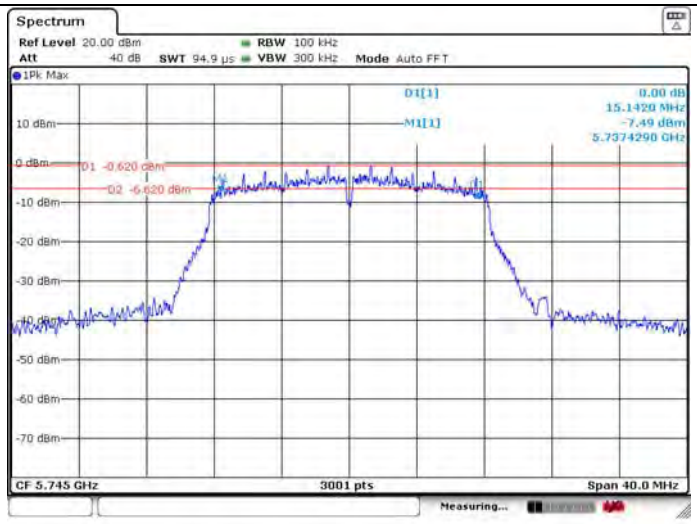
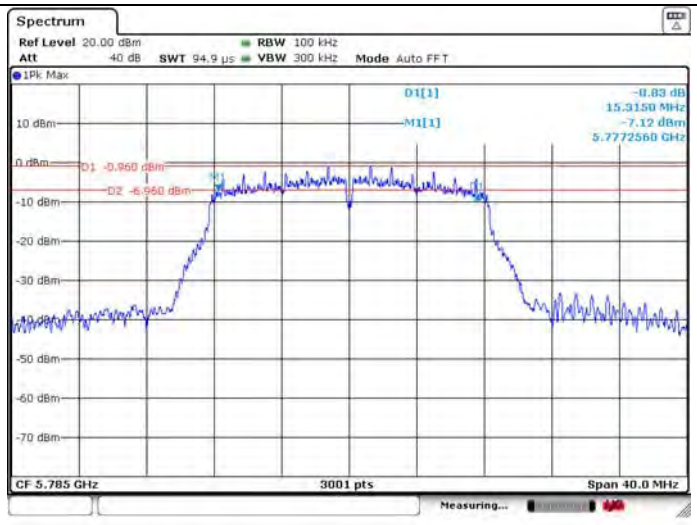
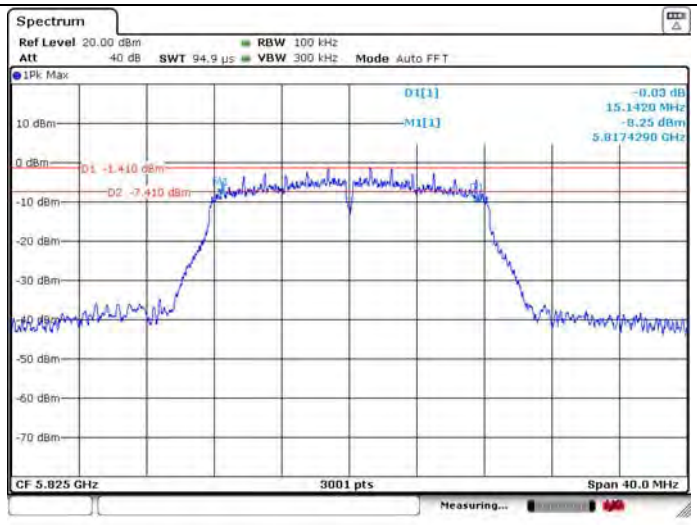
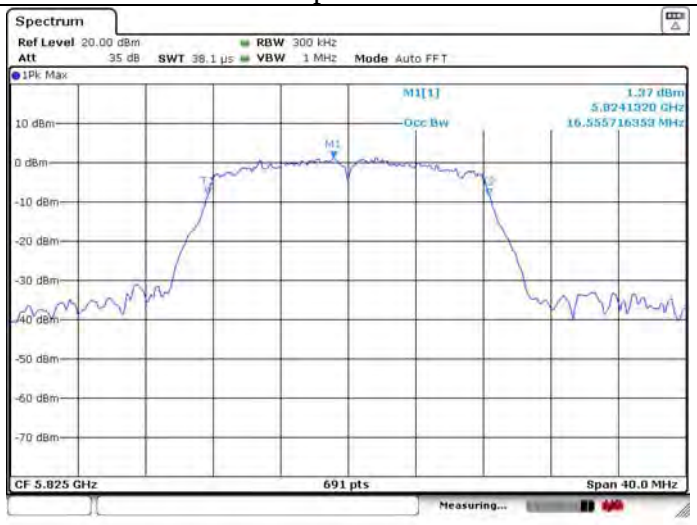
U-NII-2C IEEE 802.11n HT20 5500MHz	
26dB Bandwidth	99% Occupied Bandwidth
	
U-NII-2C IEEE 802.11n HT20 5580MHz	
26dB Bandwidth	99% Occupied Bandwidth
	
U-NII-2C IEEE 802.11n HT20 5700MHz	
26dB Bandwidth	99% Occupied Bandwidth
	

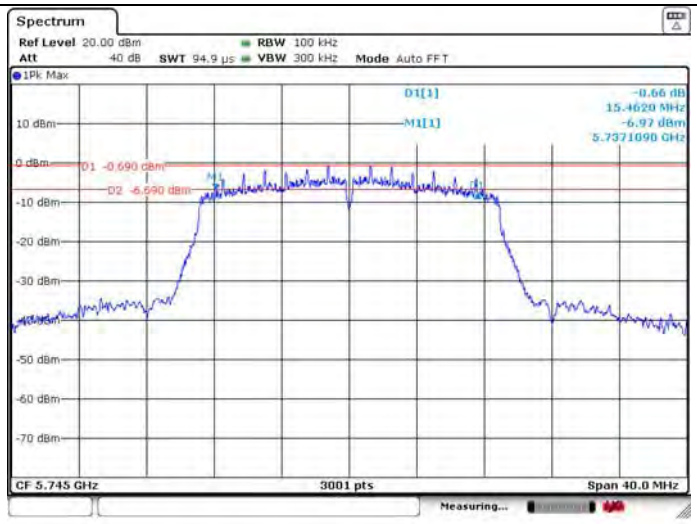
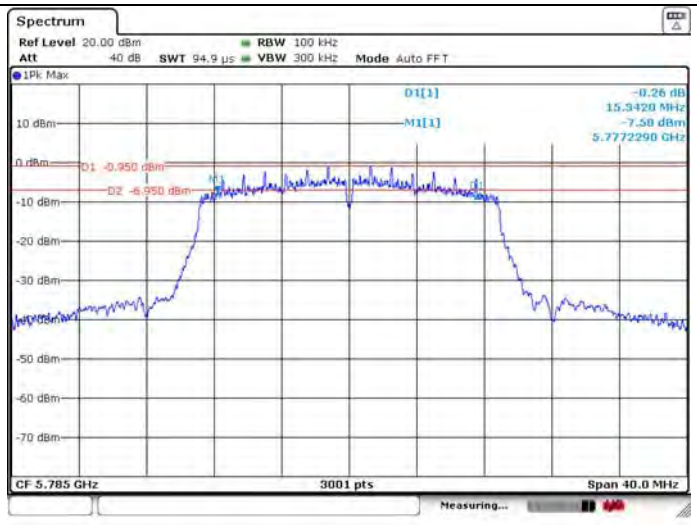
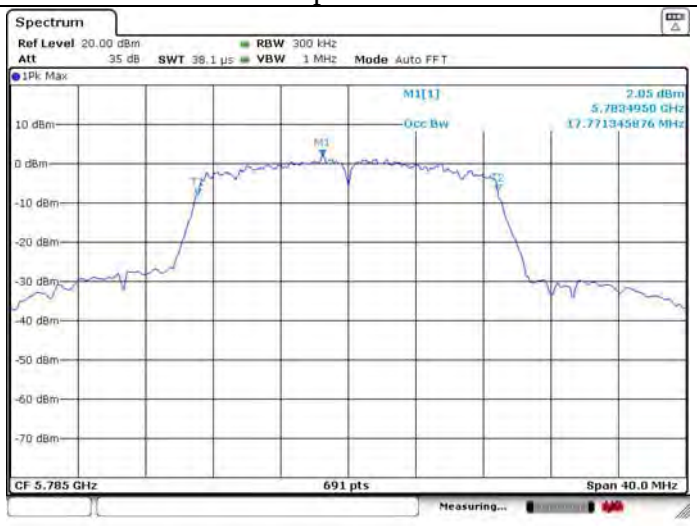
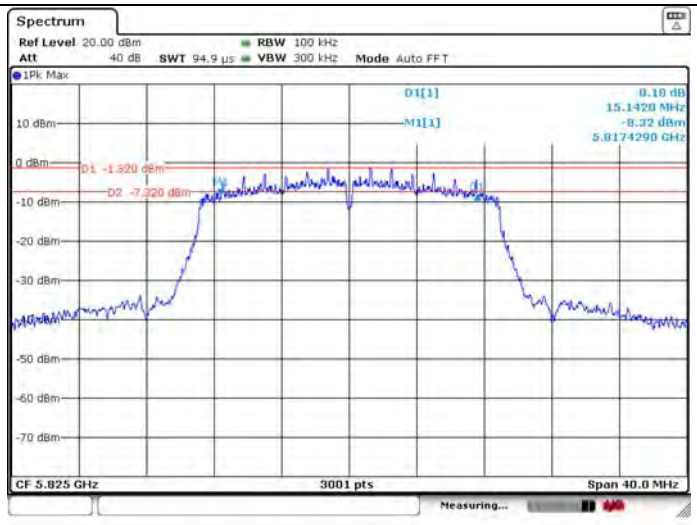
U-NII-2C IEEE 802.11ac VHT20 5500MHz	
26dB Bandwidth	99% Occupied Bandwidth
	
U-NII-2C IEEE 802.11ac VHT20 5580MHz	
26dB Bandwidth	99% Occupied Bandwidth
	
U-NII-2C IEEE 802.11ac VHT20 5700MHz	
26dB Bandwidth	99% Occupied Bandwidth
	

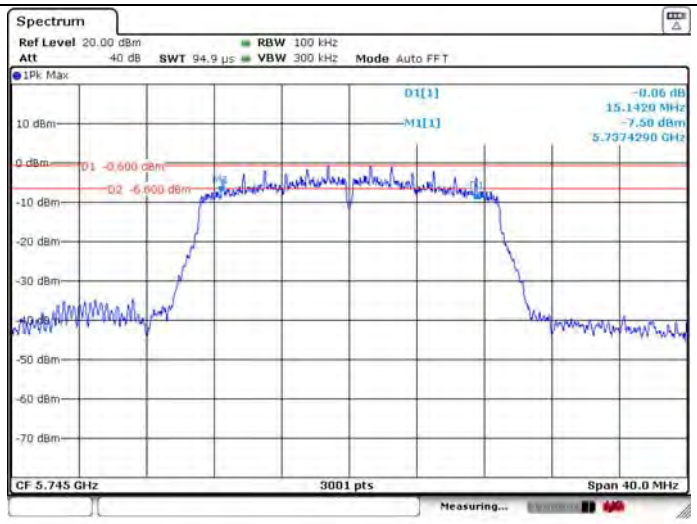
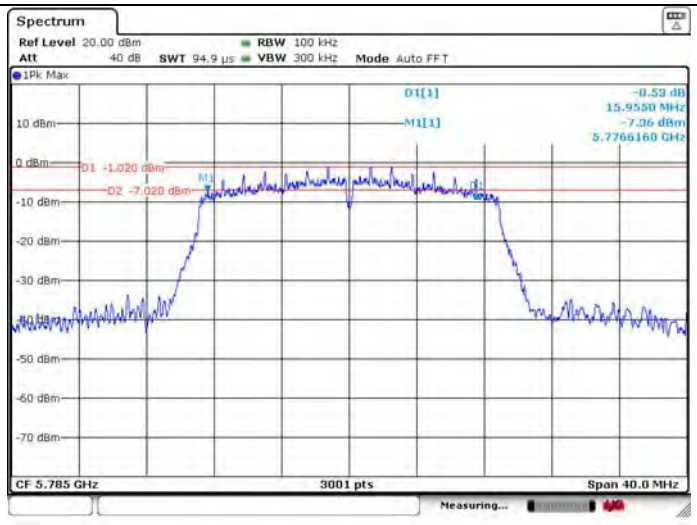
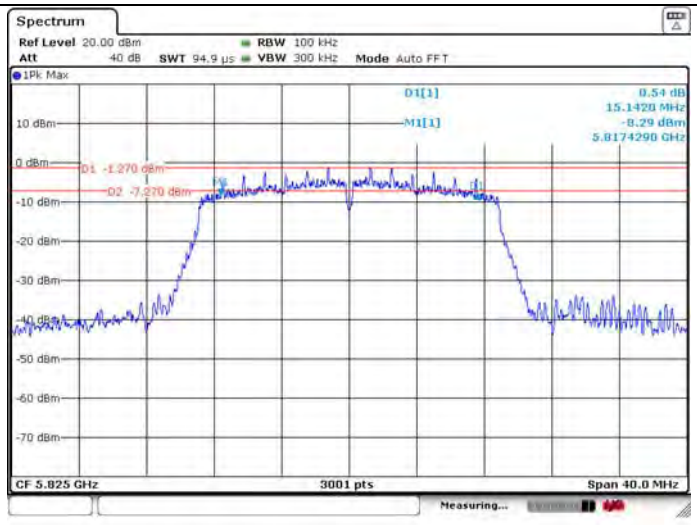
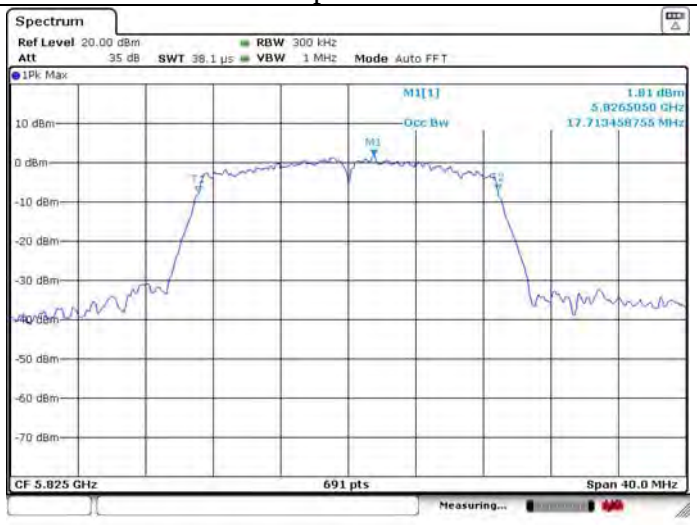
U-NII-2C IEEE 802.11n HT40 5510MHz	
26dB Bandwidth	99% Occupied Bandwidth
	
U-NII-2C IEEE 802.11n HT40 5590MHz	
26dB Bandwidth	99% Occupied Bandwidth
	
U-NII-2C IEEE 802.11n HT40 5670MHz	
26dB Bandwidth	99% Occupied Bandwidth
	

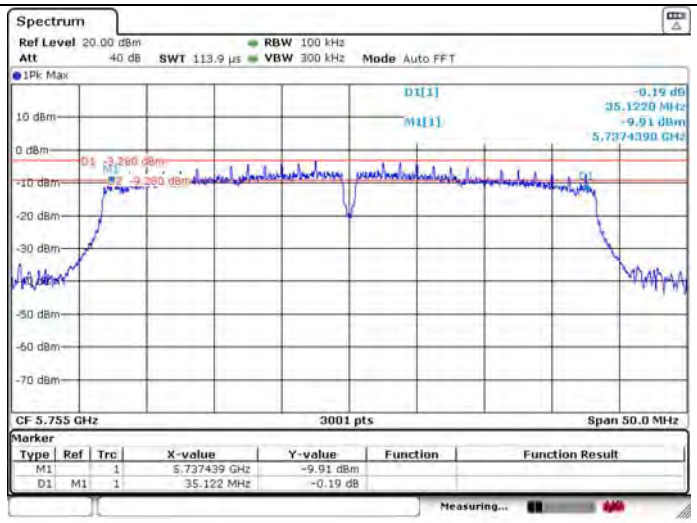
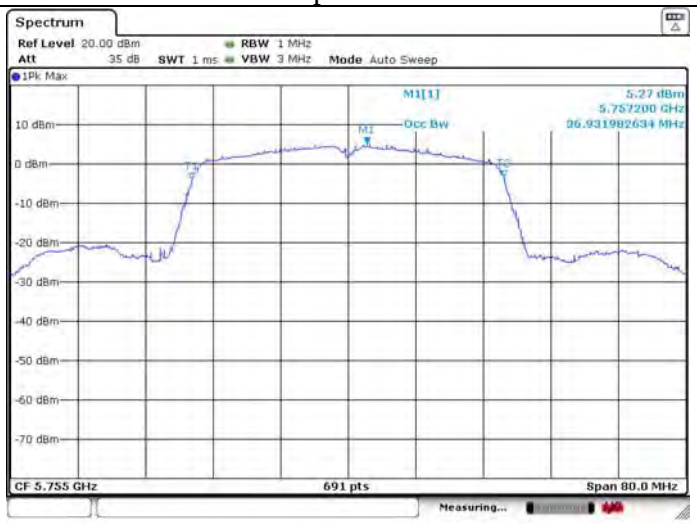
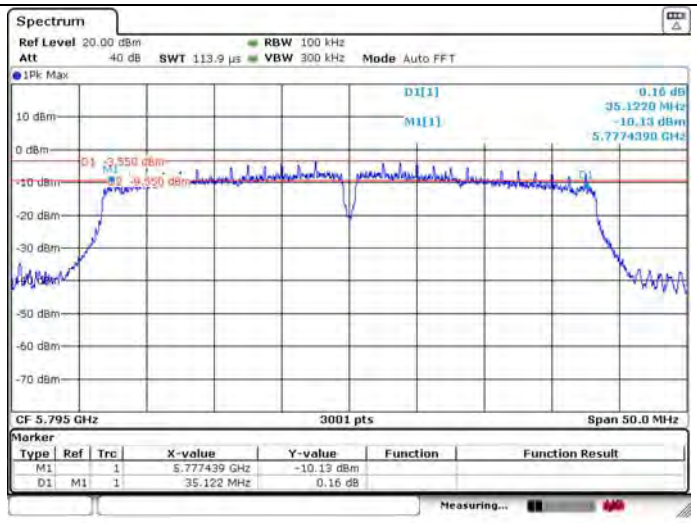
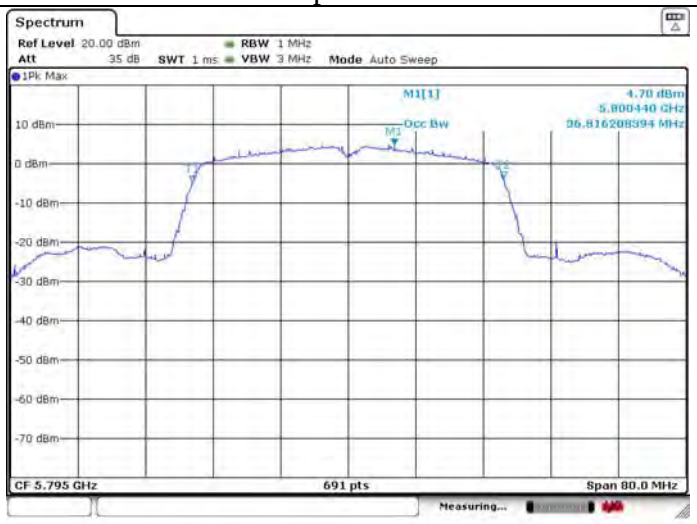
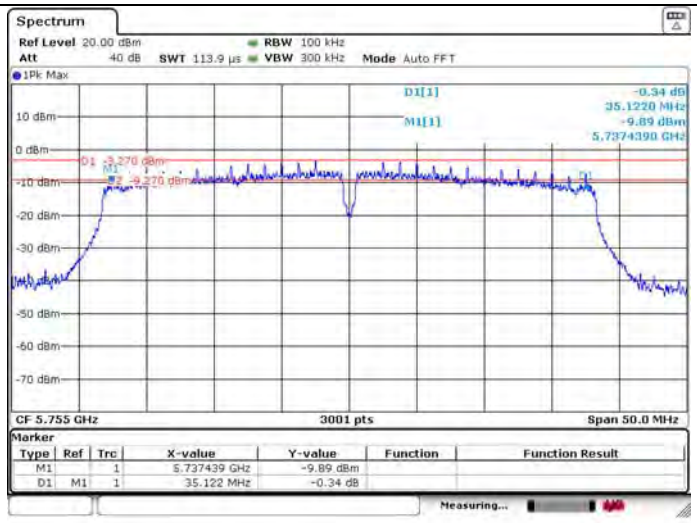
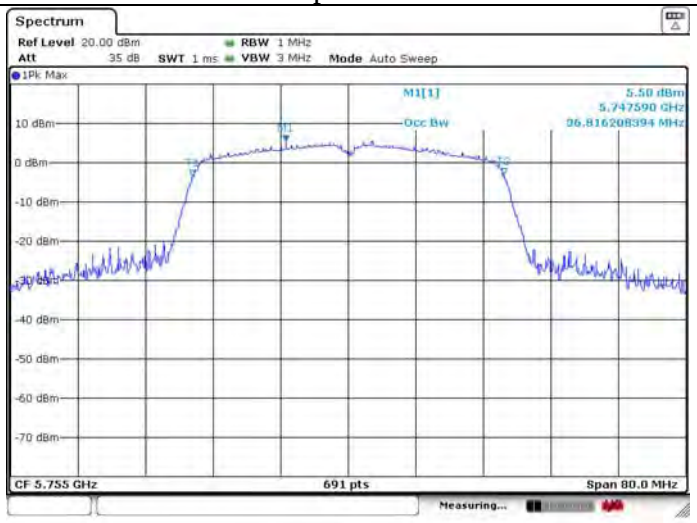
U-NII-2C IEEE 802.11ac VHT40 5510MHz	
26dB Bandwidth	99% Occupied Bandwidth
	
U-NII-2C IEEE 802.11ac VHT40 5590MHz	
26dB Bandwidth	99% Occupied Bandwidth
	
U-NII-2C IEEE 802.11ac VHT40 5670MHz	
26dB Bandwidth	99% Occupied Bandwidth
	

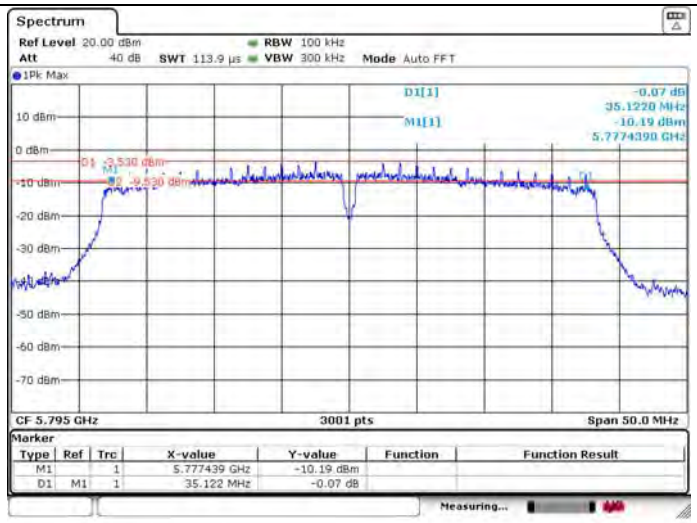
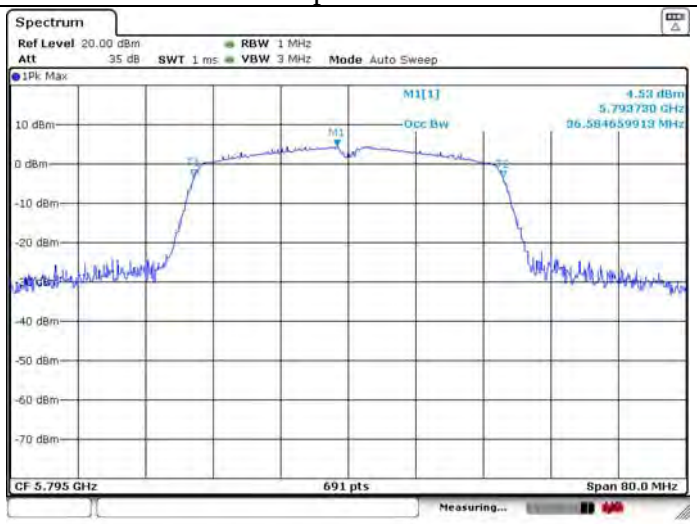
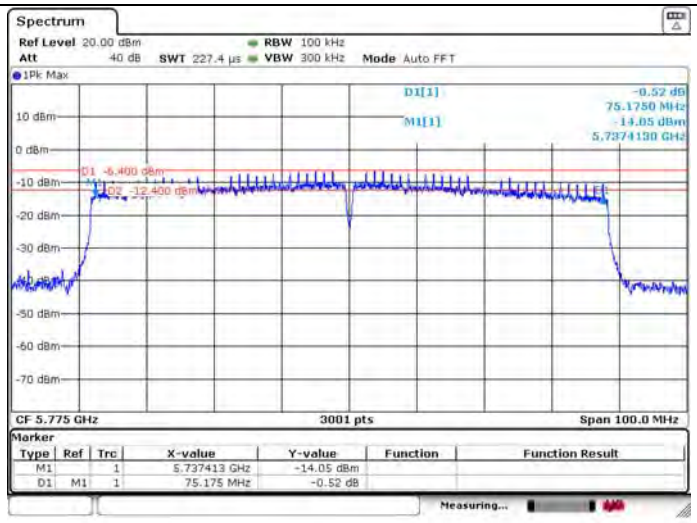
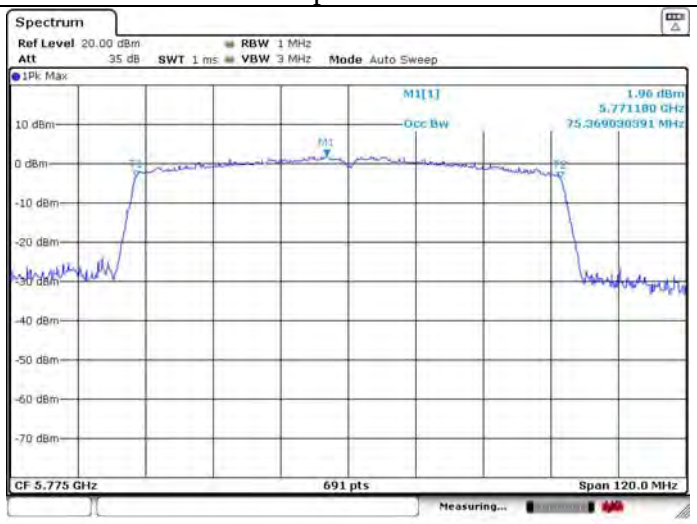
U-NII-2C IEEE 802.11ac VHT80 5530MHz	
26dB Bandwidth	99% Occupied Bandwidth
	
U-NII-2C IEEE 802.11ac VHT80 5610MHz	
26dB Bandwidth	99% Occupied Bandwidth
	

U-NII-3 IEEE 802.11a 5745MHz	
6dB Bandwidth	99% Occupied Bandwidth
	
U-NII-3 IEEE 802.11a 5785MHz	
6dB Bandwidth	99% Occupied Bandwidth
	
U-NII-3 IEEE 802.11a 5825MHz	
6dB Bandwidth	99% Occupied Bandwidth
	

U-NII-3 IEEE 802.11n HT20 5745MHz	
6dB Bandwidth	99% Occupied Bandwidth
	
U-NII-3 IEEE 802.11n HT20 5785MHz	
6dB Bandwidth	99% Occupied Bandwidth
	
U-NII-3 IEEE 802.11n HT20 5825MHz	
6dB Bandwidth	99% Occupied Bandwidth
	

U-NII-3 IEEE 802.11ac VHT20 5745MHz	
6dB Bandwidth	99% Occupied Bandwidth
	
U-NII-3 IEEE 802.11ac VHT20 5785MHz	
6dB Bandwidth	99% Occupied Bandwidth
	
U-NII-3 IEEE 802.11ac VHT20 5825MHz	
6dB Bandwidth	99% Occupied Bandwidth
	

U-NII-3 IEEE 802.11n HT40 5755MHz	
6dB Bandwidth	99% Occupied Bandwidth
	
U-NII-3 IEEE 802.11n HT40 5795MHz	
6dB Bandwidth	99% Occupied Bandwidth
	
U-NII-3 IEEE 802.11ac VHT40 5755MHz	
6dB Bandwidth	99% Occupied Bandwidth
	

U-NII-3 IEEE 802.11ac VHT40 5795MHz	
6dB Bandwidth	99% Occupied Bandwidth
	
U-NII-3 IEEE 802.11ac VHT80 5775MHz	
6dB Bandwidth	99% Occupied Bandwidth
	

4. MAXIMUM CONDUCTED OUTPUT POWER

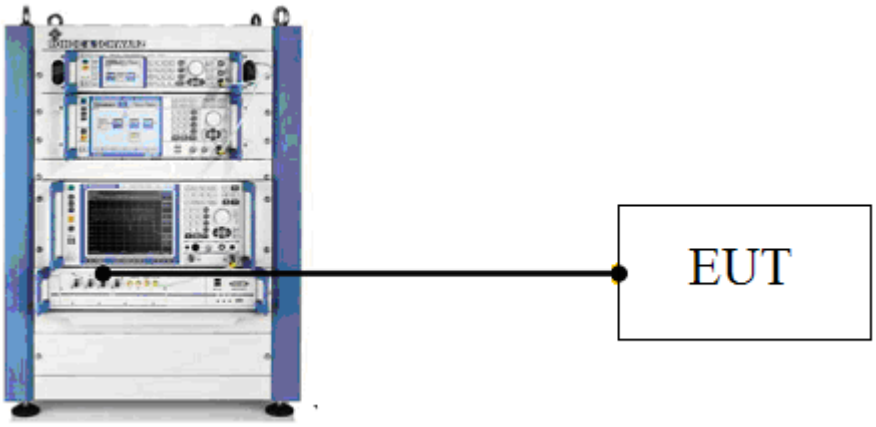
4.1. Limit

Band	EUT Type	Limit
U-NII-1	Outdoor Access Point	1W(30dBm) (Max. e.i.r.p≦125mW at any elevation angle above 30 degrees as measured from the horizon)
	Indoor Access Point	1W(30dBm)
	Fixed point-to-point Access Point	1W(30dBm)
	Mobile and Portable Client Device	250mW(23.98dBm)
U-NII-2A	All Device	250mW(23.98dBm) or 11dBm+10 log B,Which is lesser. (B is 26dB Bandwidth in MHz)
U-NII-2C	All Device	250mW(23.98dBm) or 11dBm+10 log B,Which is lesser. (B is 26dB Bandwidth in MHz)
U-NII-3	All Device	1W(30dBm)

Note:

For the Band U-NII-2A and U-NII-2C,the maximum conducted output power limit calculate result refer to section 3.5.

4.2. Test Setup



4.3. Test Procedure

a. Connect EUT antenna terminal to the OSP-B157WB with RF cable.
b. Set the EUT transmit continuously with maximum output power.
c. Through the test software in TS 8897 to control a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Because the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.
d. Repeat above procedures until all modes and channels were measured.
e. Record the results in the test report.

4.4. Test Result

Temperature	27℃	Relative Humidity		54%	Test Voltage	120V/60Hz
BAND	Test Mode	Frequency (MHz)	Conducted AVG Output Power (dBm)	Conducted AVG Output Power (W)	Limit (dBm)	Result
U-NII-1	IEEE 802.11a	5180	14.90	0.0309	23.98	PASS
		5200	14.10	0.0257	23.98	PASS
		5240	14.40	0.0275	23.98	PASS
	IEEE 802.11n HT20	5180	14.00	0.0251	23.98	PASS
		5200	13.60	0.0229	23.98	PASS
		5240	13.60	0.0229	23.98	PASS
	IEEE 802.11ac VHT20	5180	14.00	0.0251	23.98	PASS
		5200	13.40	0.0219	23.98	PASS
		5240	13.70	0.0234	23.98	PASS
	IEEE 802.11n HT40	5190	13.50	0.0224	23.98	PASS
		5230	13.40	0.0219	23.98	PASS
	IEEE 802.11ac VHT40	5190	13.50	0.0224	23.98	PASS
		5230	13.40	0.0219	23.98	PASS
	IEEE 802.11ac VHT80	5210	13.50	0.0224	23.98	PASS
U-NII-2A	IEEE 802.11a	5260	13.90	0.0245	23.98	PASS
		5300	13.60	0.0229	23.98	PASS
		5320	13.70	0.0234	23.98	PASS
	IEEE 802.11n HT20	5260	13.80	0.0240	23.98	PASS
		5300	13.60	0.0229	23.98	PASS
		5320	13.60	0.0229	23.98	PASS
	IEEE 802.11ac VHT20	5260	13.80	0.0240	23.98	PASS
		5300	13.50	0.0224	23.98	PASS
		5320	13.80	0.0240	23.98	PASS
	IEEE 802.11n HT40	5270	13.70	0.0234	23.98	PASS
		5310	13.50	0.0224	23.98	PASS
	IEEE 802.11ac VHT40	5270	13.60	0.0229	23.98	PASS
		5310	13.50	0.0224	23.98	PASS
	IEEE 802.11ac VHT80	5290	13.60	0.0229	23.98	PASS

BAND	Test Mode	Frequency (MHz)	Conducted AVG Output Power (dBm)	Conducted AVG Output Power (W)	Limit (dBm)	Result
U-NII-2C	IEEE 802.11a	5500	13.00	0.0200	23.98	PASS
		5580	13.00	0.0200	23.98	PASS
		5700	11.60	0.0145	23.98	PASS
	IEEE 802.11n HT20	5500	12.90	0.0195	23.98	PASS
		5580	12.90	0.0195	23.98	PASS
		5700	11.50	0.0141	23.98	PASS
	IEEE 802.11ac VHT20	5500	13.00	0.0200	23.98	PASS
		5580	12.80	0.0191	23.98	PASS
		5700	11.50	0.0141	23.98	PASS
	IEEE 802.11n HT40	5510	12.60	0.0182	23.98	PASS
		5670	12.20	0.0166	23.98	PASS
	IEEE 802.11ac VHT40	5510	12.80	0.0191	23.98	PASS
		5670	12.20	0.0166	23.98	PASS
	IEEE 802.11ac VHT80	5530	12.30	0.0170	23.98	PASS
		5610	12.30	0.0170	23.98	
U-NII-3	IEEE 802.11a	5745	11.80	0.0151	30.00	PASS
		5785	10.90	0.0123	30.00	PASS
		5825	11.40	0.0138	30.00	PASS
	IEEE 802.11n HT20	5745	11.70	0.0148	30.00	PASS
		5785	10.70	0.0117	30.00	PASS
		5825	11.30	0.0135	30.00	PASS
	IEEE 802.11ac VHT20	5745	11.60	0.0145	30.00	PASS
		5785	10.70	0.0117	30.00	PASS
		5825	11.30	0.0135	30.00	PASS
	IEEE 802.11n HT40	5755	11.30	0.0135	30.00	PASS
		5795	10.90	0.0123	30.00	PASS
	IEEE 802.11ac VHT40	5755	11.30	0.0135	30.00	PASS
		5795	11.00	0.0126	30.00	PASS
	IEEE 802.11ac VHT80	5775	10.90	0.0123	30.00	PASS

5. PEAK POWER SPECTRAL DENSITY

5.1. Limit

Band	EUT Type	Limit
U-NII-1	Outdoor Access Point	17dBm/MHz
	Indoor Access Point	17dBm/MHz
	Fixed point-to-point Access Point	17dBm/MHz
	Mobile and Portable Client Device	11dBm/MHz
U-NII-2A	All Device	11dBm/MHz
U-NII-2C	All Device	11dBm/MHz
U-NII-3	All Device	30dBm/500KHz

5.2. Test Setup

5.3. Spectrum Analyzer Setting

Spectrum Parameters	Setting
RBW	1MHz(For U-NII-1&U-NII-2A&U-NII-2C) 500KHz(For U-NII-3)
VBW	3MHz(For U-NII-1&U-NII-2A&U-NII-2C) 2MHz(For U-NII-3)
Span	encompass the entire 26 dB EBW or 99% OBW of the signal
Sweep Time	Auto
Number of Sweep Point	≥2×SPAN/RBW
Detector	RMS(power averaging)
Trace Average	≥100 traces

5.4. Test Procedure

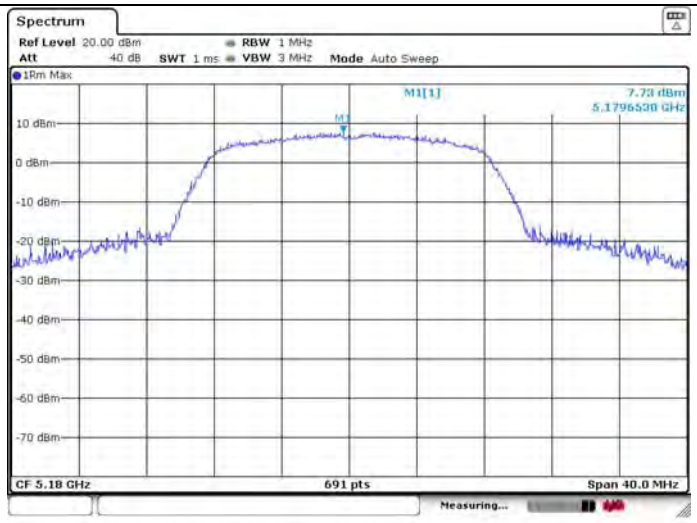
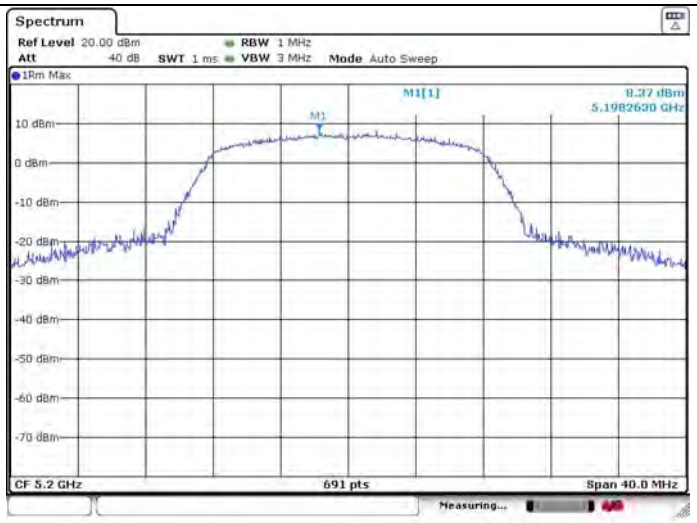
a. Connect EUT antenna terminal to the spectrum analyzer with RF cable.
b. Spectrum analyzer setting parameters in accordance with section 5.3.
c. Set the EUT transmit continuously with maximum output power.
d. Allow trace to stabilize, use the marker-to-peak function to set the marker to the average of the emission.
e. If the duty cycle of test siganl＜98%,the result=max measured value+10×log(1/duty cycle);
If the duty cycle of test siganl≥98%,the esult=max measured value.
f. Repeat above procedures until all modes and channels were measured.
g. Record the results in the test report.

5.5. Test Result

Temperature	27℃	Relative Humidity	54%	Test Voltage	120V/60Hz

BAND	Test Mode	Fre (MHz)	Power Density (dBm/MHz)	Duty Factor (dB)	Total Power Density (dBm/MHz)	Limit (dBm/MHz)	Result
U-NII-1	IEEE 802.11a	5180	7.73	0.09	7.82	11.00	PASS
		5200	8.37	0.09	8.46	11.00	PASS
		5240	7.10	0.09	7.19	11.00	PASS
	IEEE 802.11n HT20	5180	6.71	0.11	6.82	11.00	PASS
		5200	6.75	0.11	6.86	11.00	PASS
		5240	7.04	0.11	7.15	11.00	PASS
	IEEE 802.11ac VHT20	5180	6.77	0.11	6.88	11.00	PASS
		5200	6.69	0.11	6.80	11.00	PASS
		5240	6.60	0.11	6.71	11.00	PASS
	IEEE 802.11n HT40	5190	4.33	0.22	4.55	11.00	PASS
		5230	4.21	0.22	4.43	11.00	PASS
	IEEE 802.11ac VHT40	5190	4.17	0.22	4.39	11.00	PASS
		5230	4.41	0.22	4.63	11.00	PASS
	IEEE 802.11ac VHT80	5210	0.90	0.47	1.37	11.00	PASS
U-NII-2A	IEEE 802.11a	5260	7.30	0.09	7.39	11.00	PASS
		5300	7.61	0.09	7.70	11.00	PASS
		5320	7.00	0.09	7.09	11.00	PASS
	IEEE 802.11n HT20	5260	6.59	0.11	6.70	11.00	PASS
		5300	7.31	0.11	7.42	11.00	PASS
		5320	6.96	0.11	7.07	11.00	PASS
	IEEE 802.11ac VHT20	5260	7.21	0.11	7.32	11.00	PASS
		5300	7.16	0.11	7.27	11.00	PASS
		5320	7.73	0.11	7.84	11.00	PASS
	IEEE 802.11n HT40	5270	4.39	0.22	4.61	11.00	PASS
		5310	4.06	0.22	4.28	11.00	PASS
	IEEE 802.11ac VHT40	5270	4.24	0.22	4.46	11.00	PASS
		5310	4.16	0.22	4.38	11.00	PASS
	IEEE 802.11ac VHT80	5290	1.16	0.47	1.63	11.00	PASS
U-NII-2C	IEEE 802.11a	5500	5.73	0.09	5.82	11.00	PASS
		5580	6.26	0.09	6.35	11.00	PASS
		5700	5.32	0.09	5.41	11.00	PASS
	IEEE 802.11n HT20	5500	5.53	0.11	5.64	11.00	PASS
		5580	5.96	0.11	6.07	11.00	PASS
		5700	5.11	0.11	5.22	11.00	PASS
	IEEE 802.11ac VHT20	5500	5.86	0.11	5.97	11.00	PASS
		5580	6.20	0.11	6.31	11.00	PASS
		5700	5.06	0.11	5.17	11.00	PASS
	IEEE 802.11n HT40	5510	3.19	0.22	3.41	11.00	PASS
		5590	2.66	0.22	2.88	11.00	PASS
		5670	2.66	0.22	2.88	11.00	PASS
	IEEE 802.11ac VHT40	5510	2.84	0.22	3.06	11.00	PASS
		5590	3.47	0.22	3.69	11.00	PASS
		5670	3.47	0.22	3.69	11.00	PASS
	IEEE 802.11ac VHT80	5530	-0.10	0.47	0.37	11.00	PASS
		5610	-0.34	0.47	0.13	11.00	PASS

BAND	Test Mode	Fre (MHz)	Power Density (dBm/500KHz)	Duty Factor (dB)	Total Power Density (dBm/500KHz)	Limit (dBm/500KHz)	Result
U-NII-3	IEEE 802.11a	5745	4.97	0.09	5.06	30.00	PASS
		5785	4.79	0.09	4.88	30.00	PASS
		5825	4.16	0.09	4.25	30.00	PASS
	IEEE 802.11n HT20	5745	5.48	0.11	5.59	30.00	PASS
		5785	4.56	0.11	4.67	30.00	PASS
		5825	4.13	0.11	4.24	30.00	PASS
	IEEE 802.11ac VHT20	5745	4.81	0.11	4.92	30.00	PASS
		5785	4.28	0.11	4.39	30.00	PASS
		5825	3.90	0.11	4.01	30.00	PASS
	IEEE 802.11n HT40	5755	1.64	0.22	1.86	30.00	PASS
		5795	1.88	0.22	2.10	30.00	PASS
	IEEE 802.11ac VHT40	5755	2.25	0.22	2.47	30.00	PASS
		5795	1.76	0.22	1.98	30.00	PASS
	IEEE 802.11ac VHT80	5775	-0.85	0.47	-0.38	30.00	PASS

U-NII-1 IEEE 802.11a 5180MHz	U-NII-1 IEEE 802.11a 5200MHz
	
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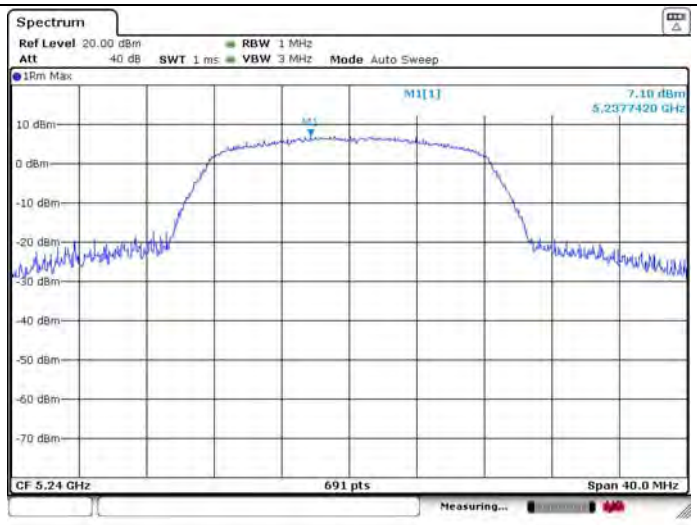
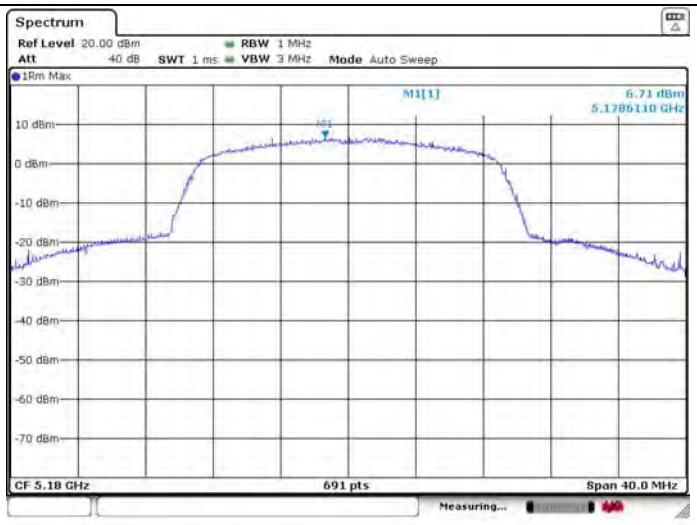
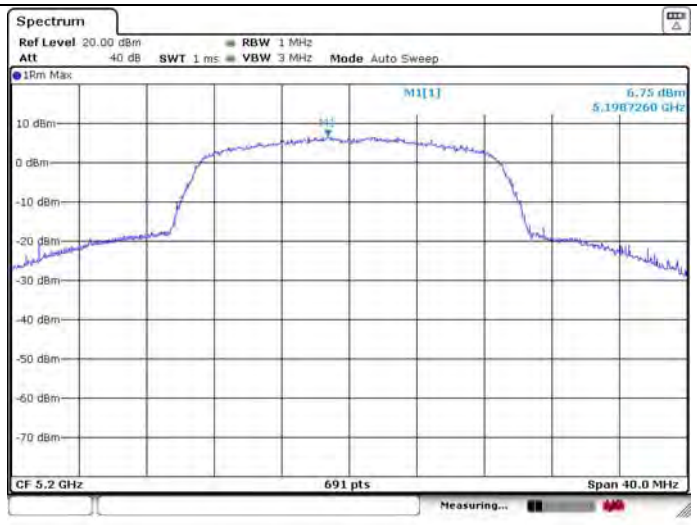
	
U-NII-1 IEEE 802.11n HT20 5200MHz	**U-NII-1 IEEE 802.11n HT20 5240MHz**
	

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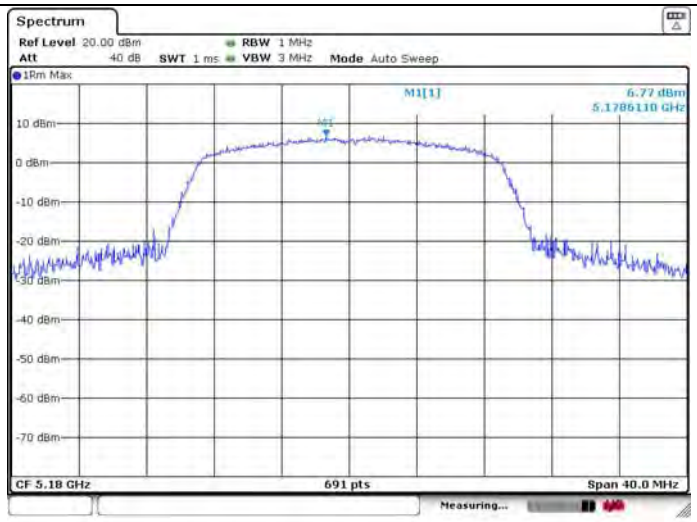	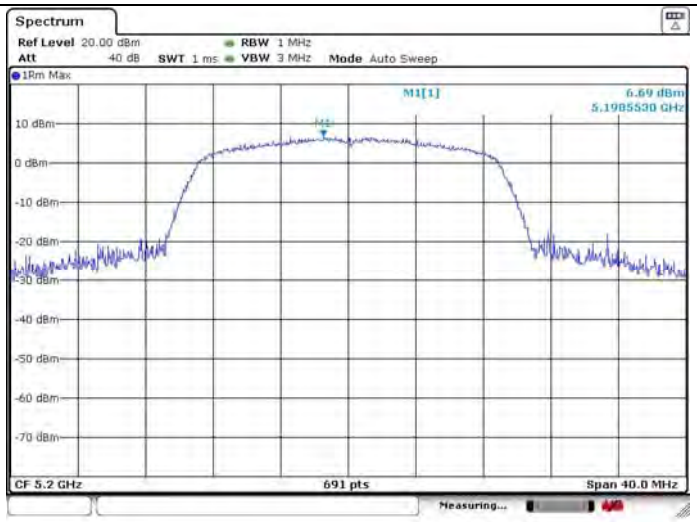
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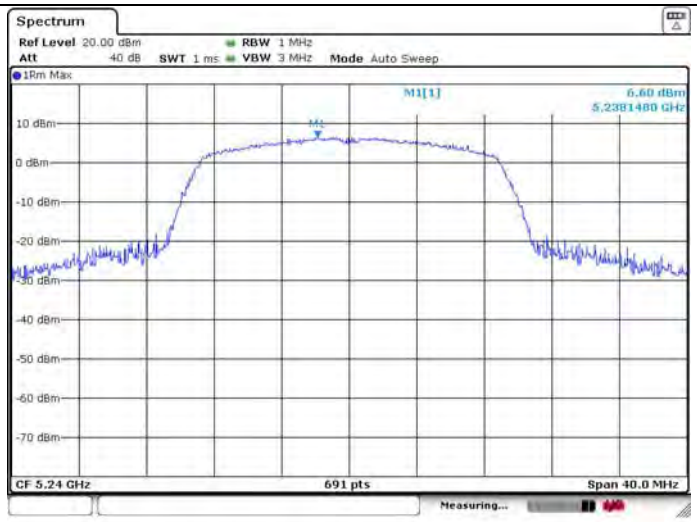
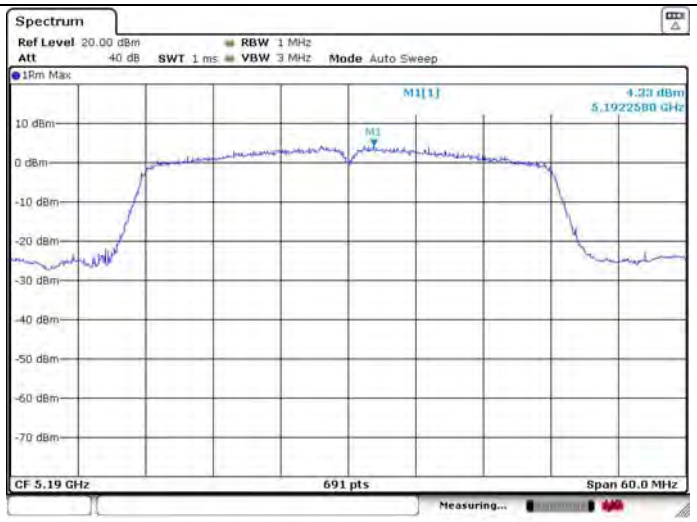
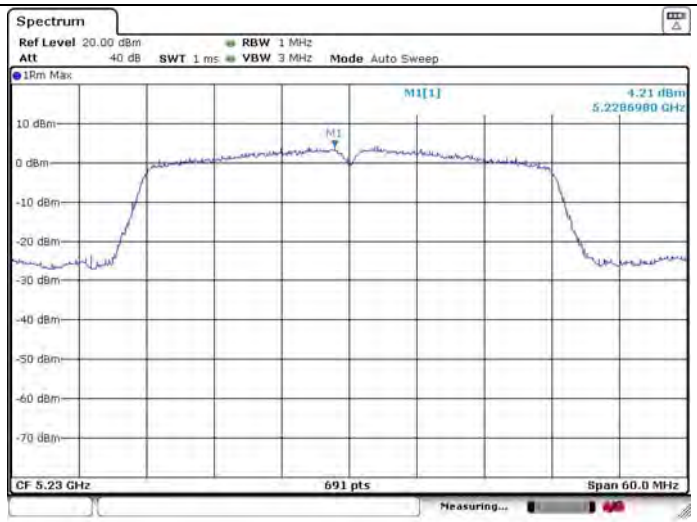
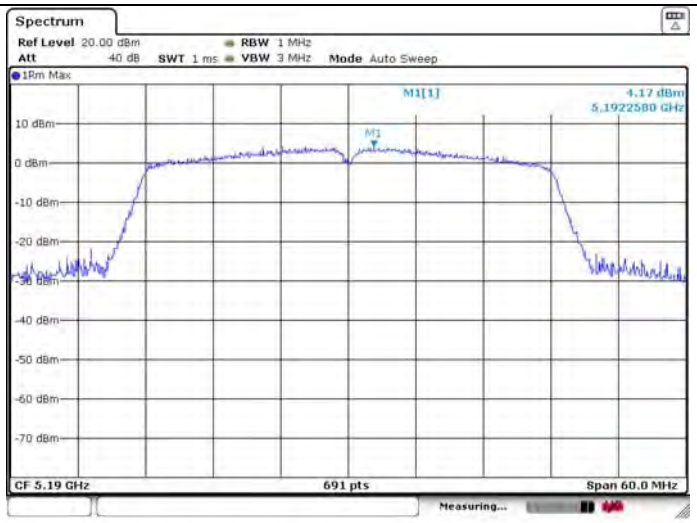
	
U-NII-1 IEEE 802.11n HT40 5230MHz	**U-NII-1 IEEE 802.11ac VHT40 5190MHz**
	

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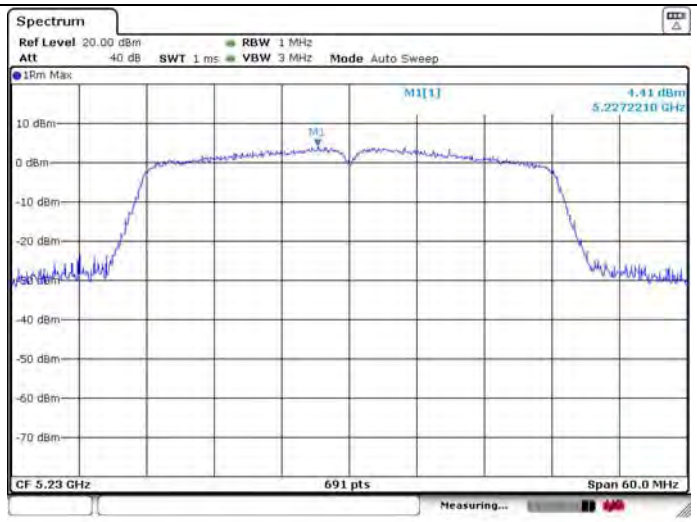
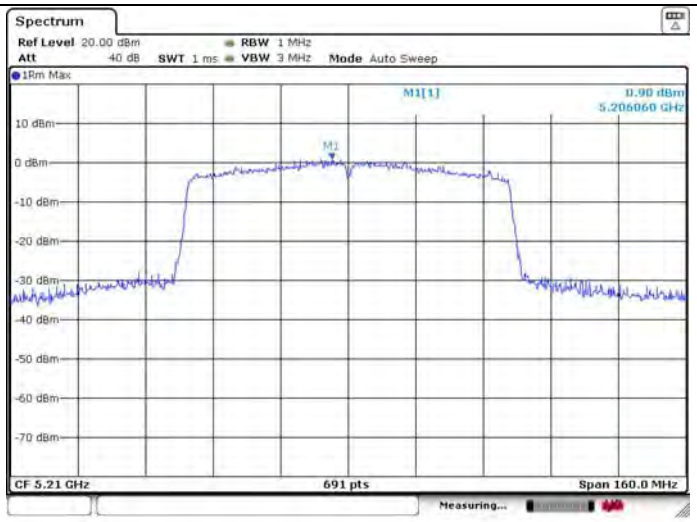
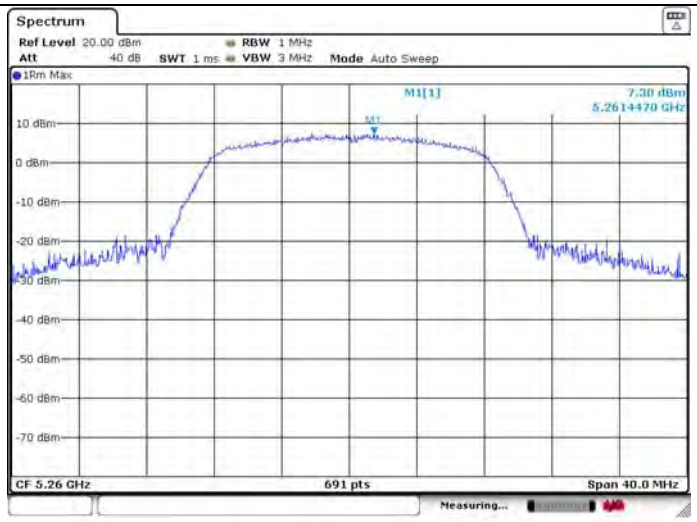
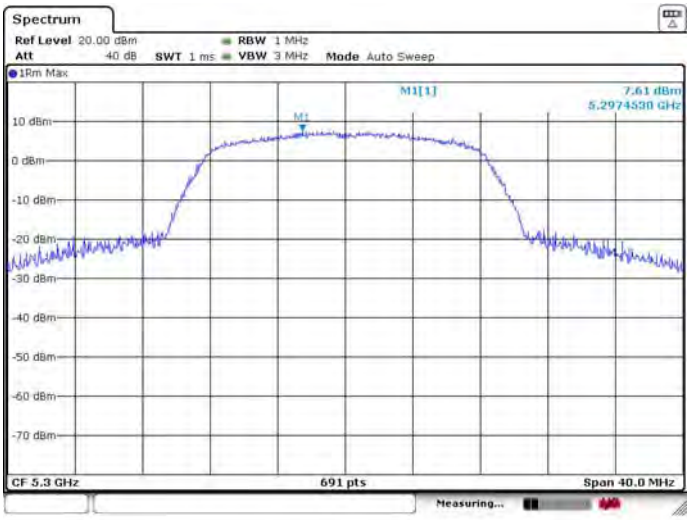
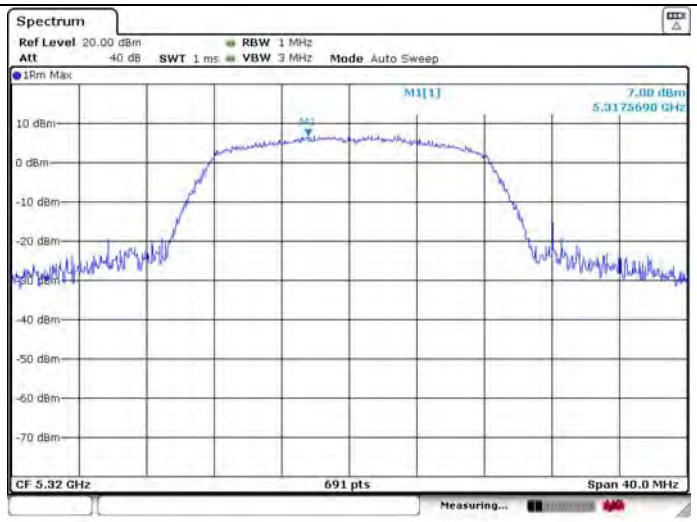
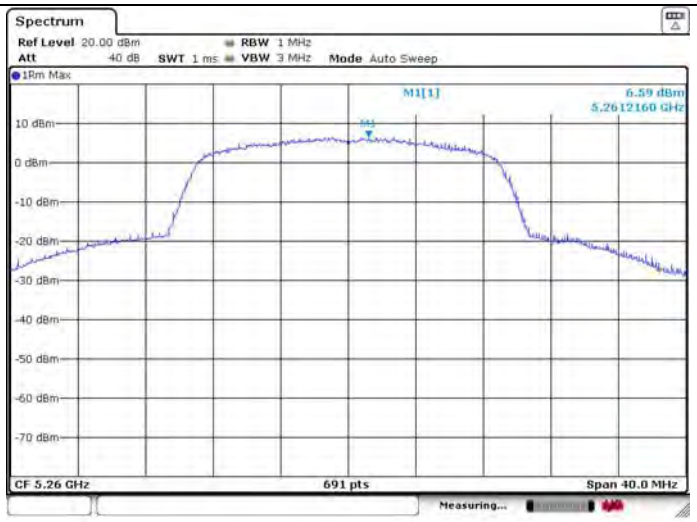
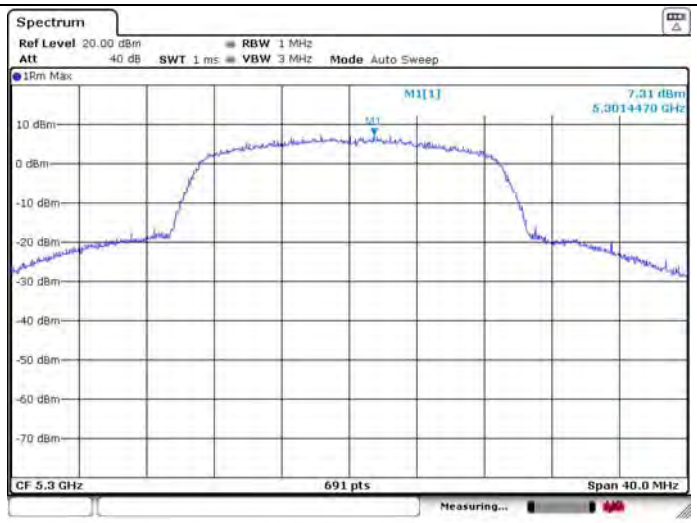
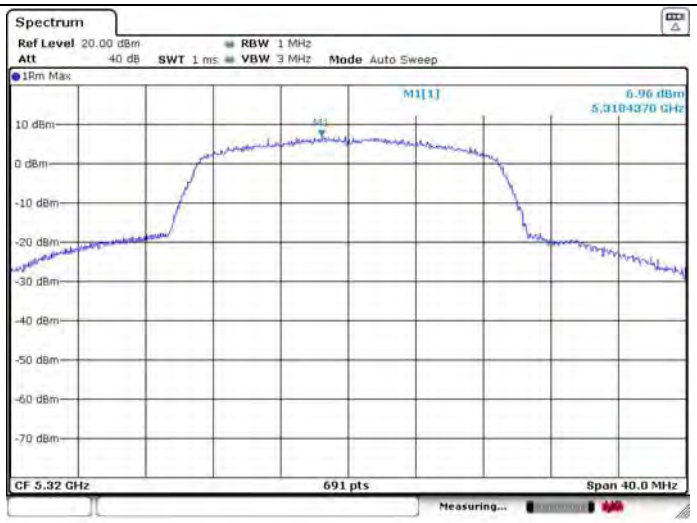
	

U-NII-2A IEEE 802.11a 5260MHz	U-NII-2A IEEE 802.11a 5300MHz
	
U-NII-2A IEEE 802.11a 5320MHz	**U-NII-2A IEEE 802.11n HT20 5260MHz**
	
U-NII-2A IEEE 802.11n HT20 5300MHz	**U-NII-2A IEEE 802.11n HT20 5320MHz**
	

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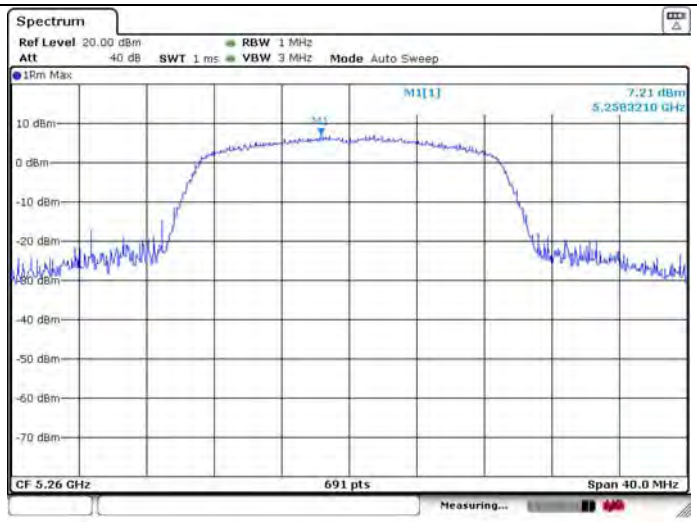	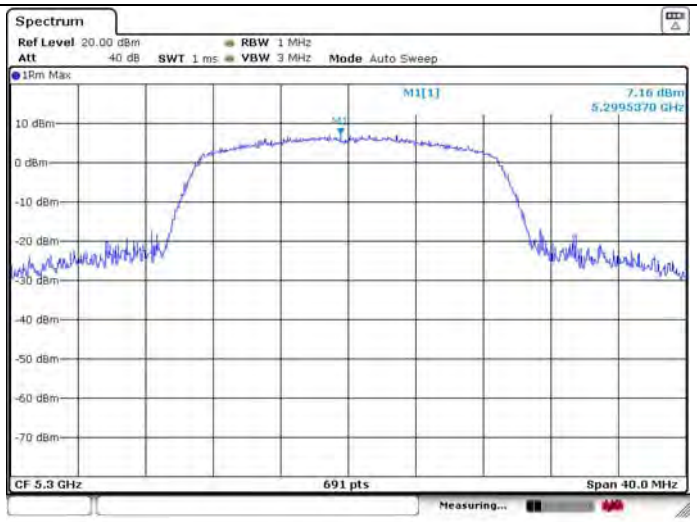
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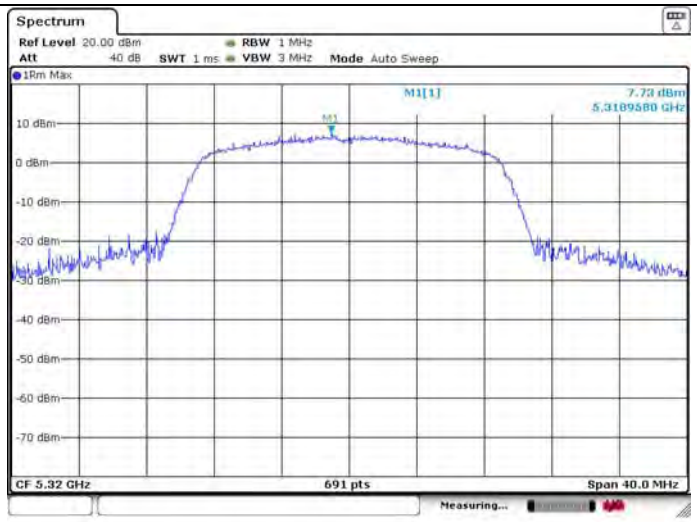	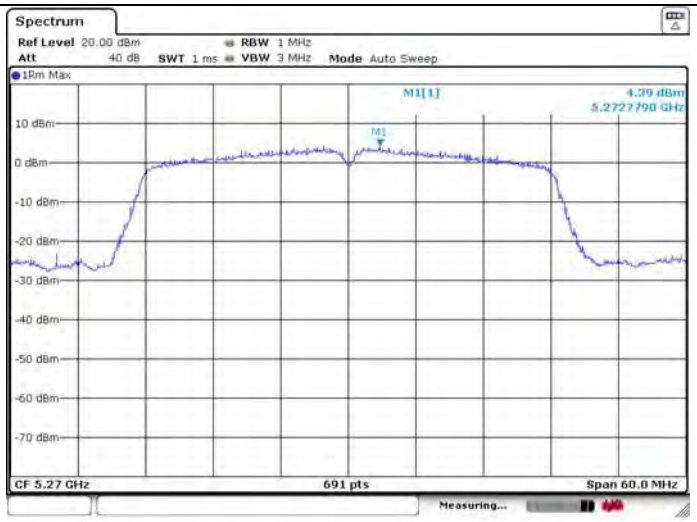
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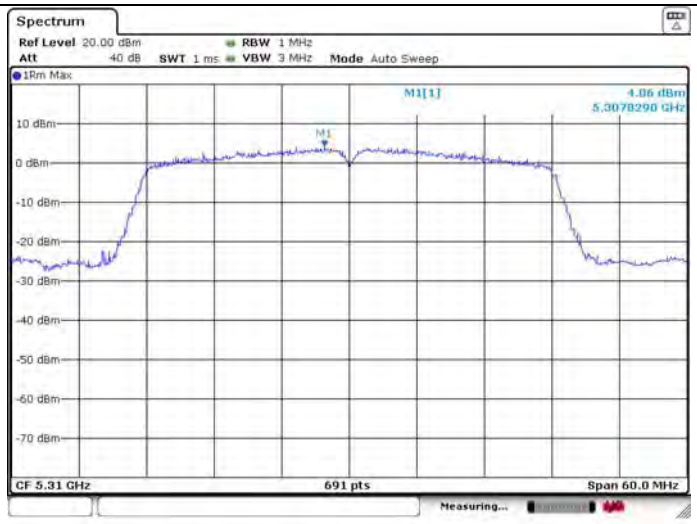	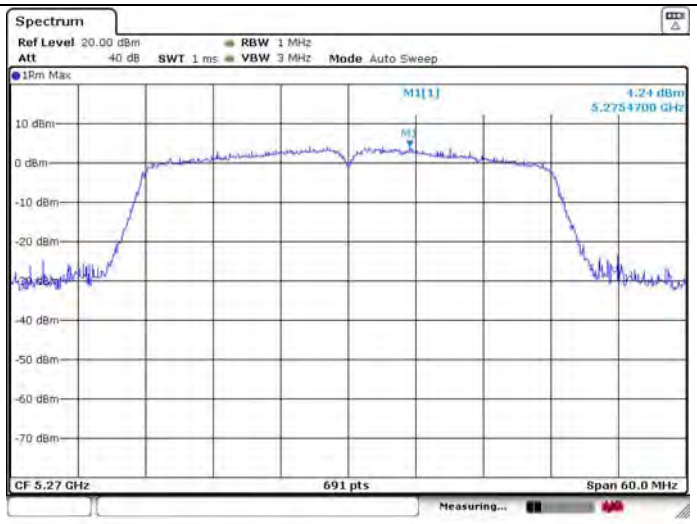

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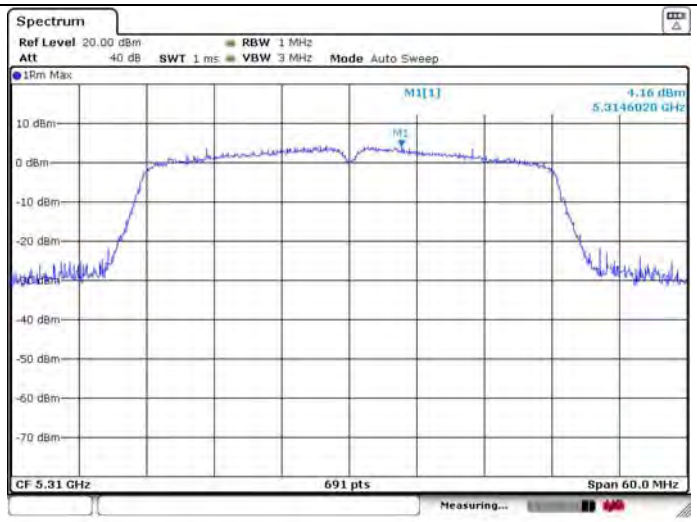	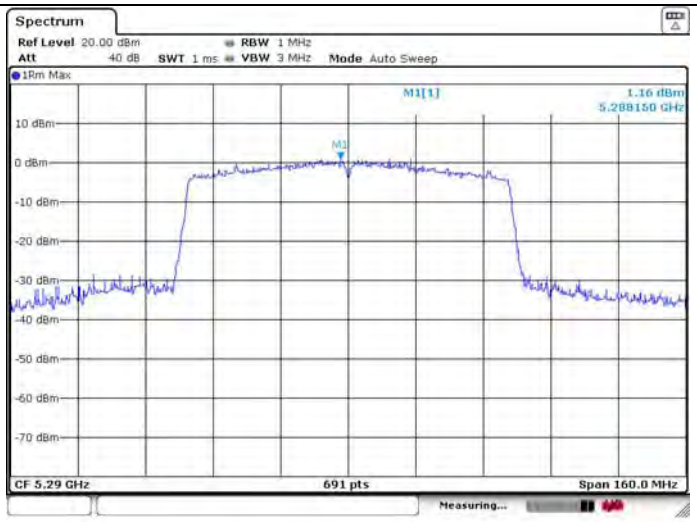

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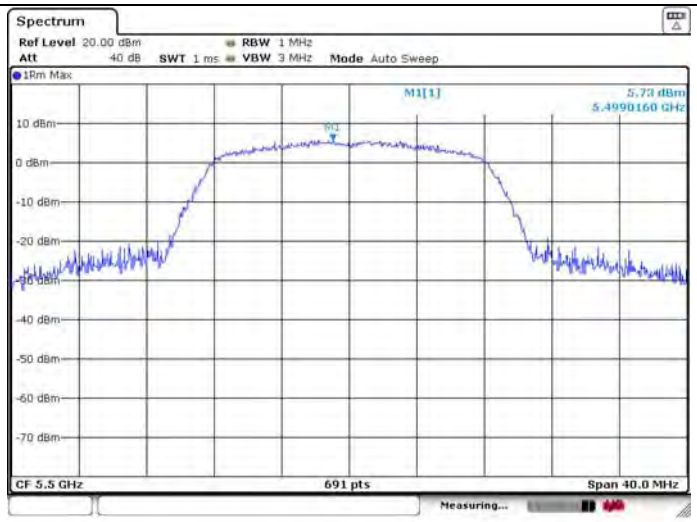	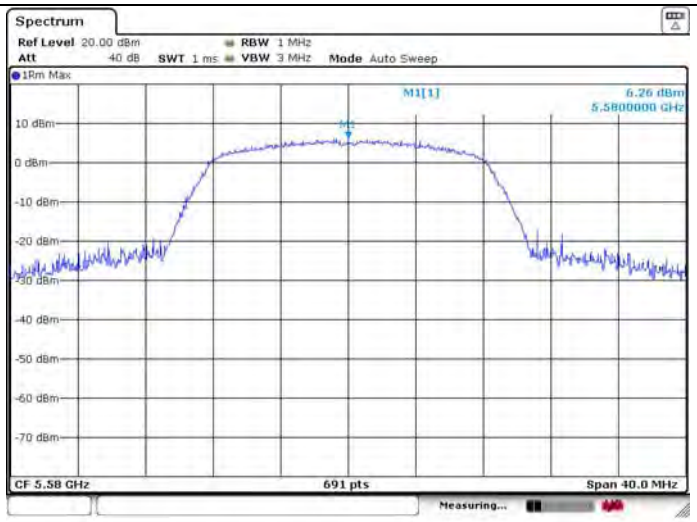
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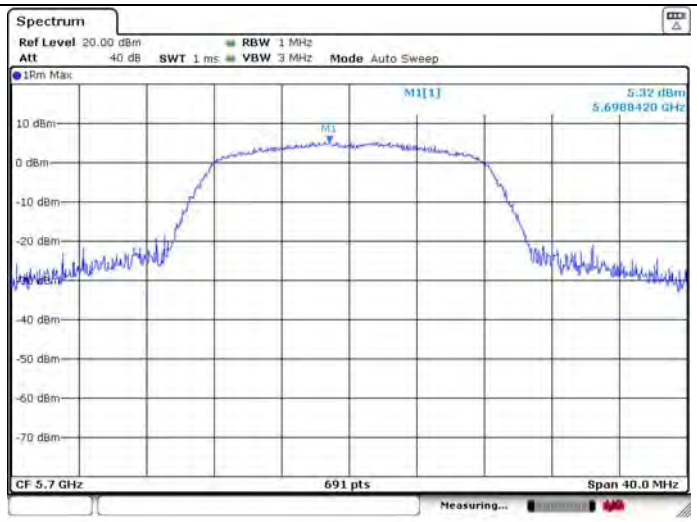	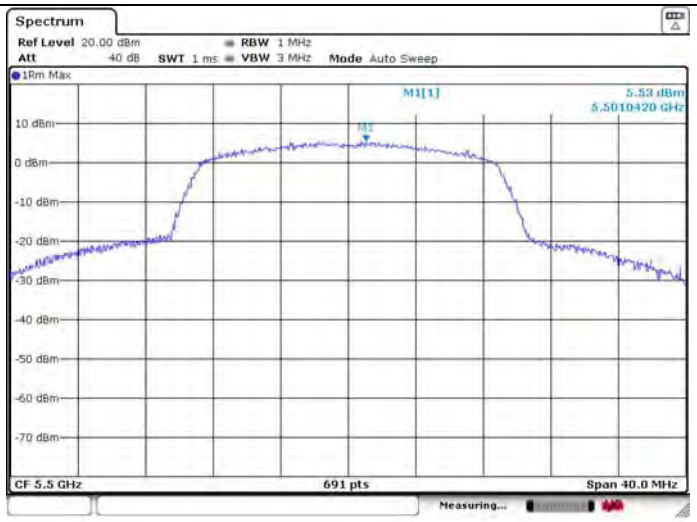
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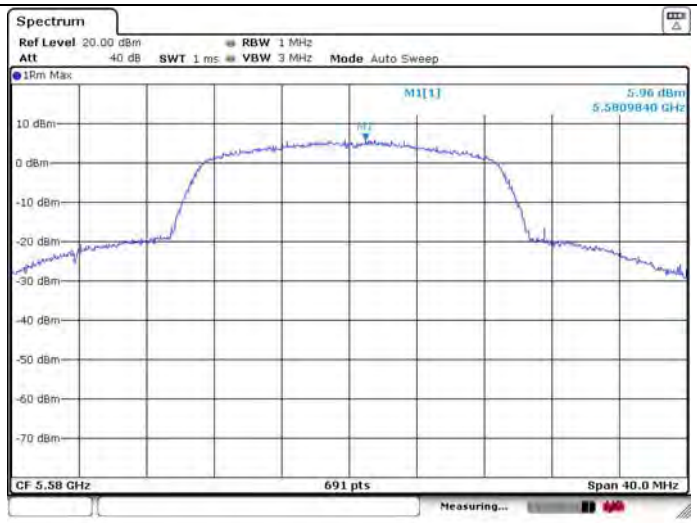	

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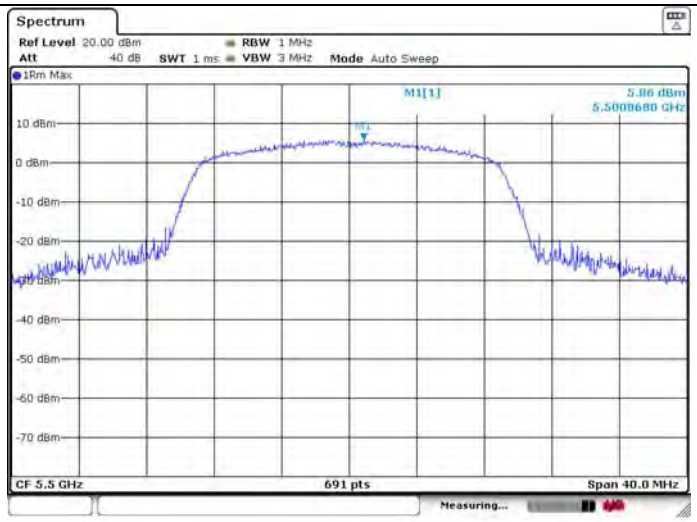	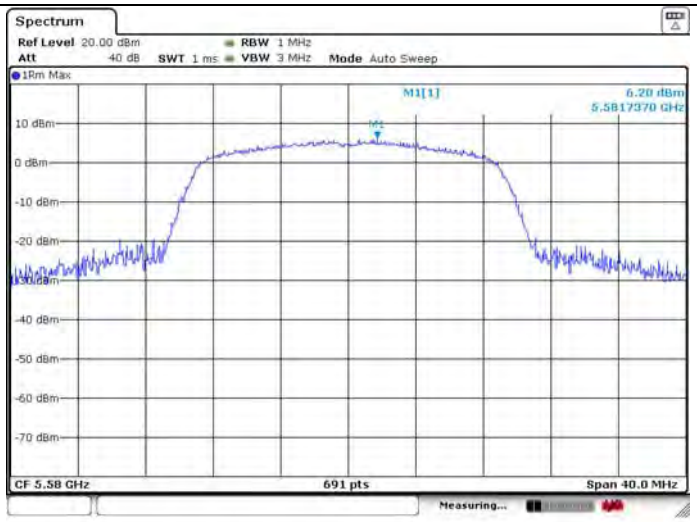
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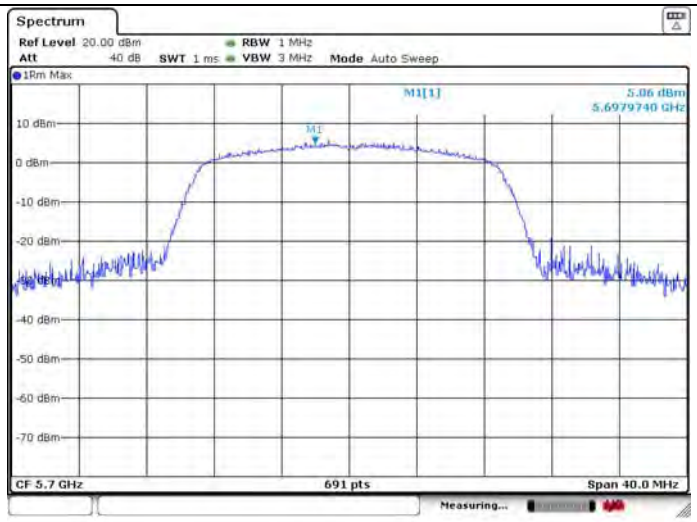	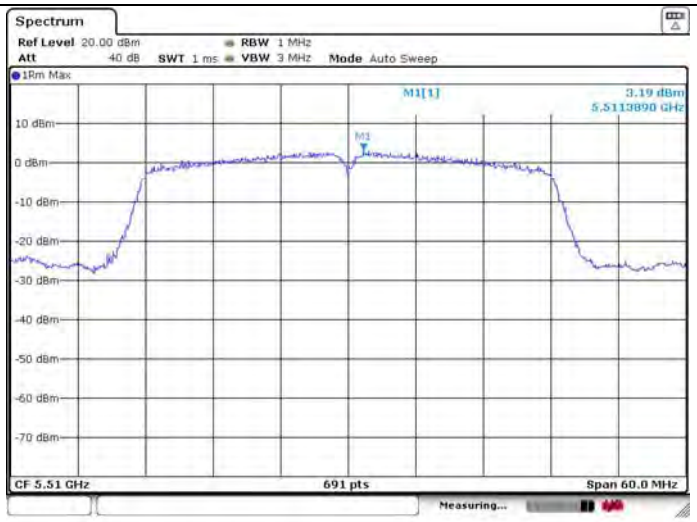
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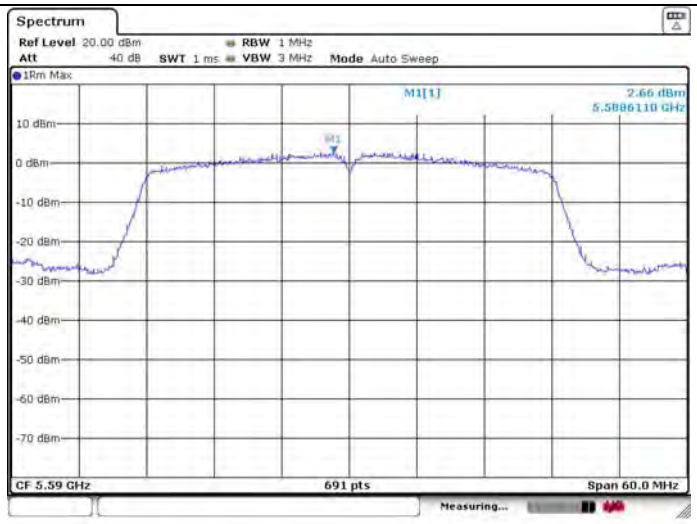	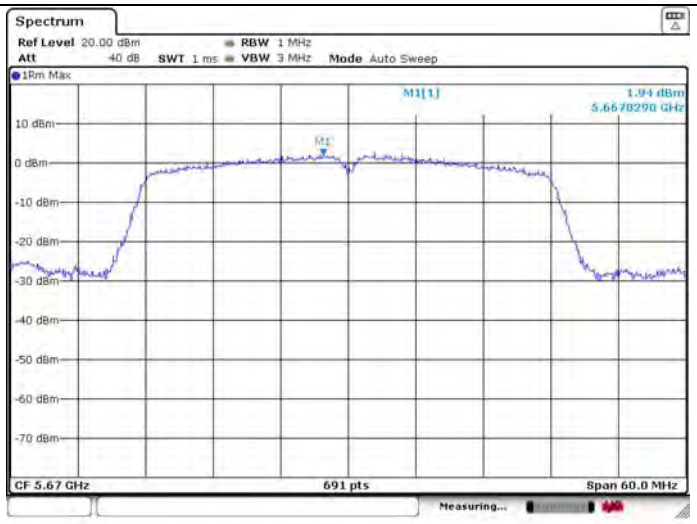

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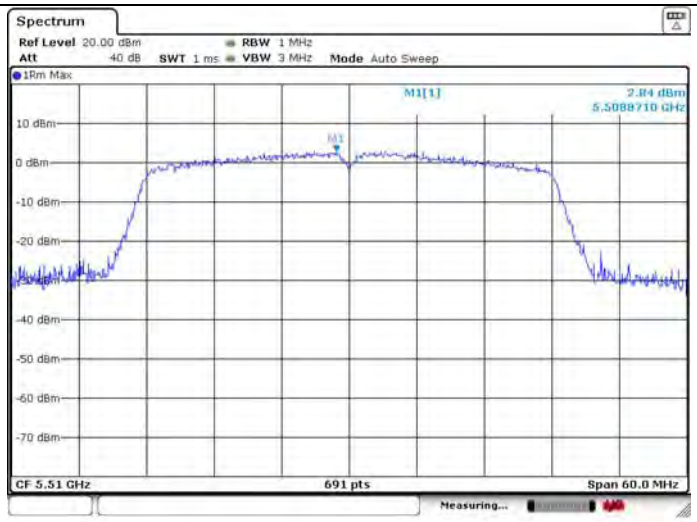	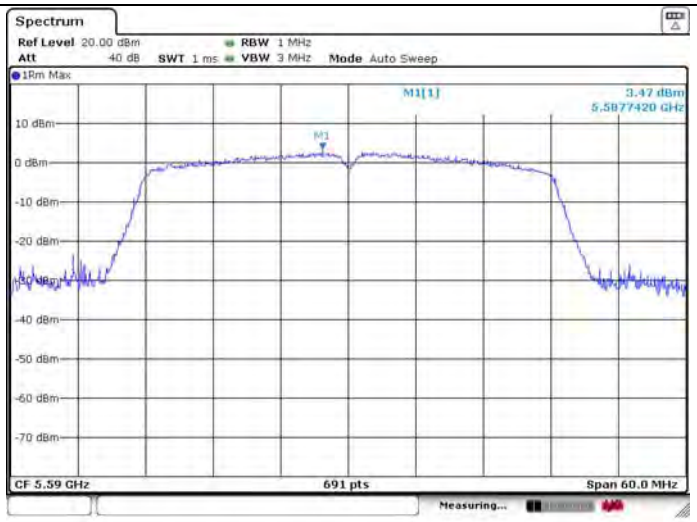
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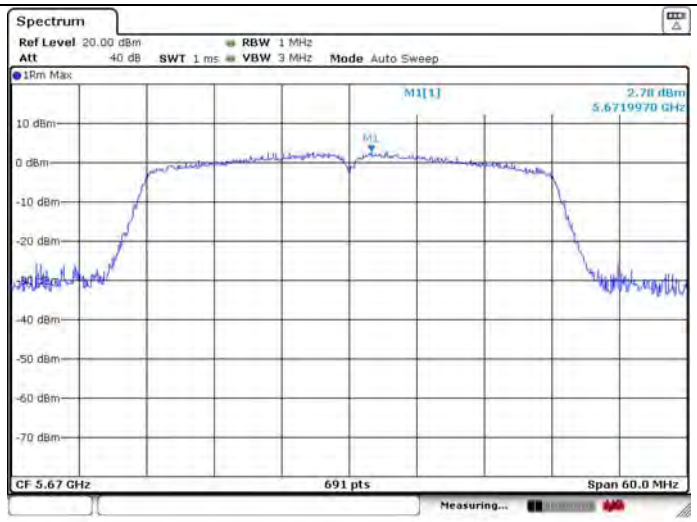	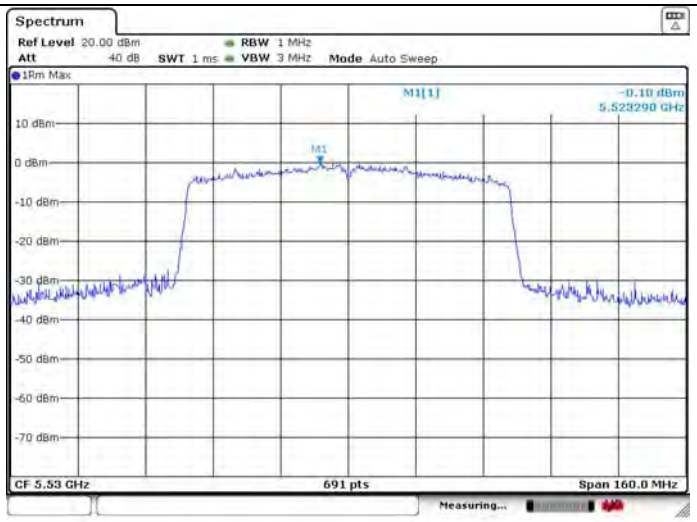
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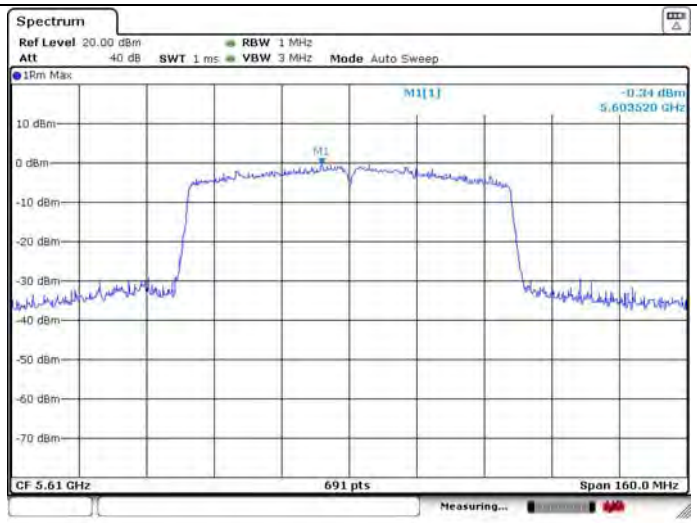	

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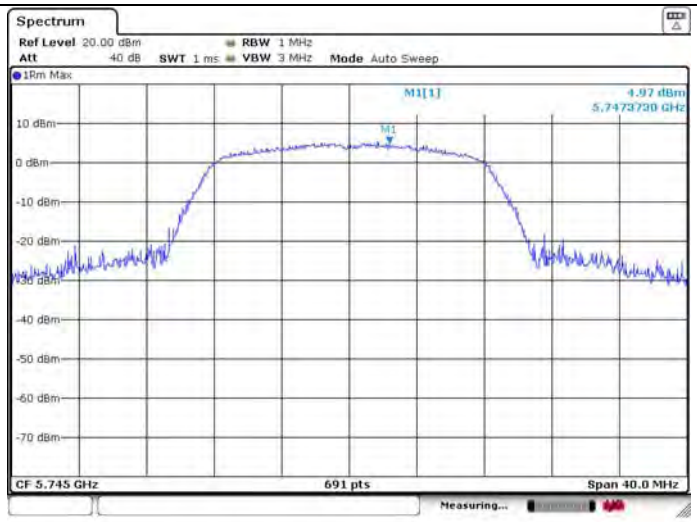	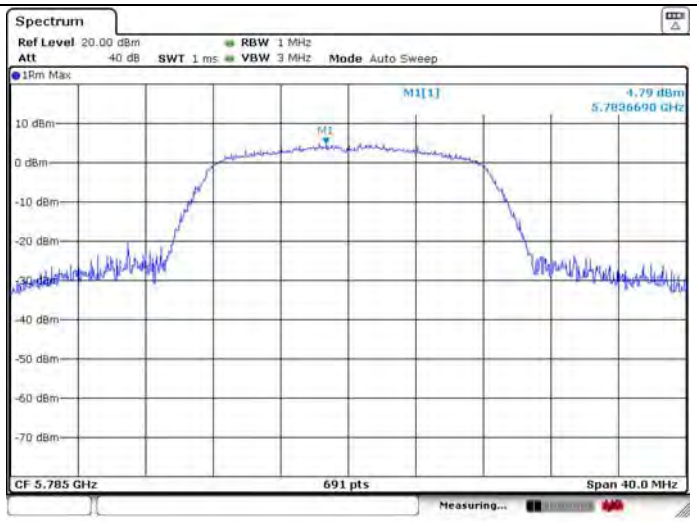
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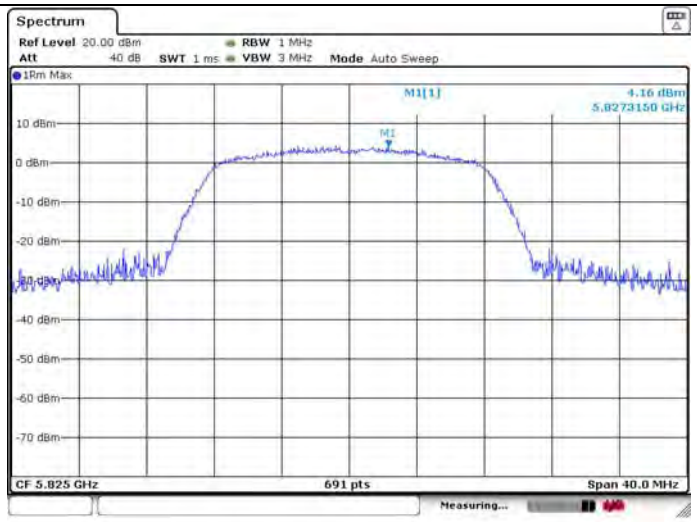	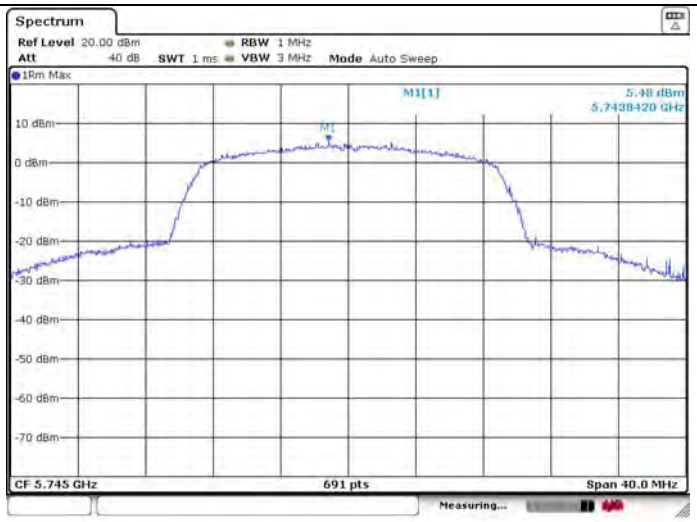
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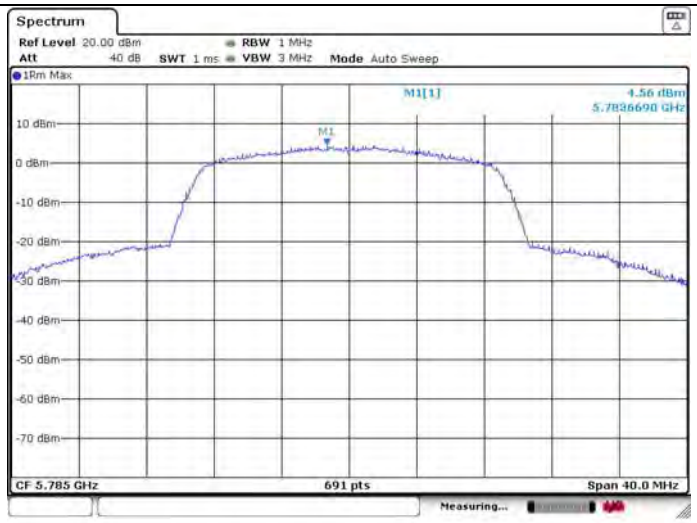
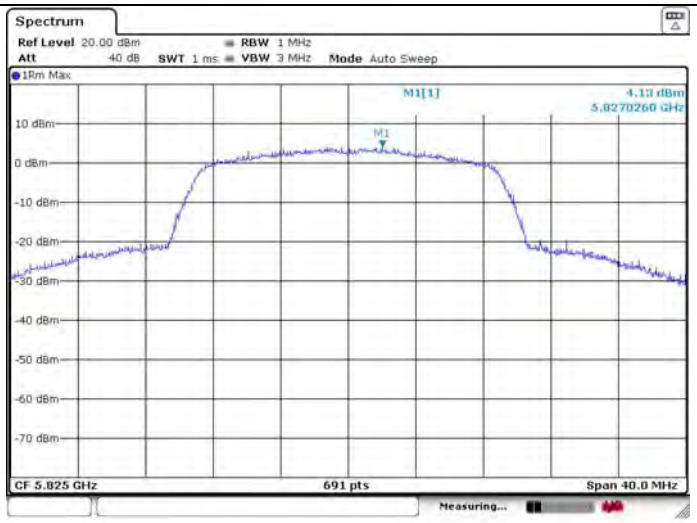
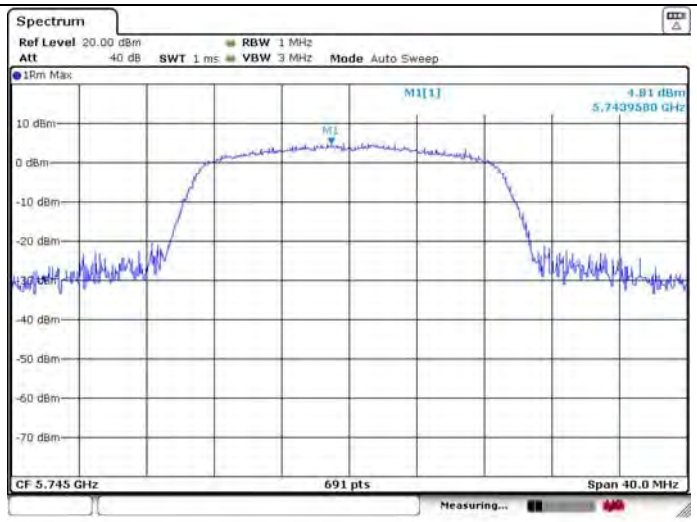
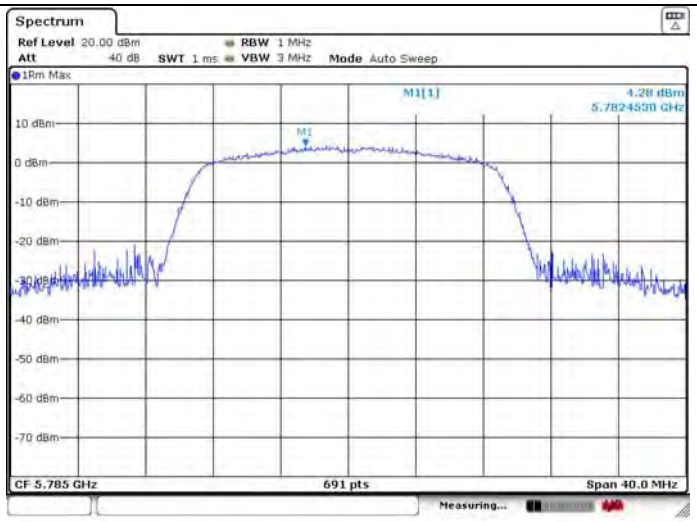
	

U-NII-3 IEEE 802.11ac VHT20 5745MHz	U-NII-3 IEEE 802.11ac VHT20 5785MHz
	
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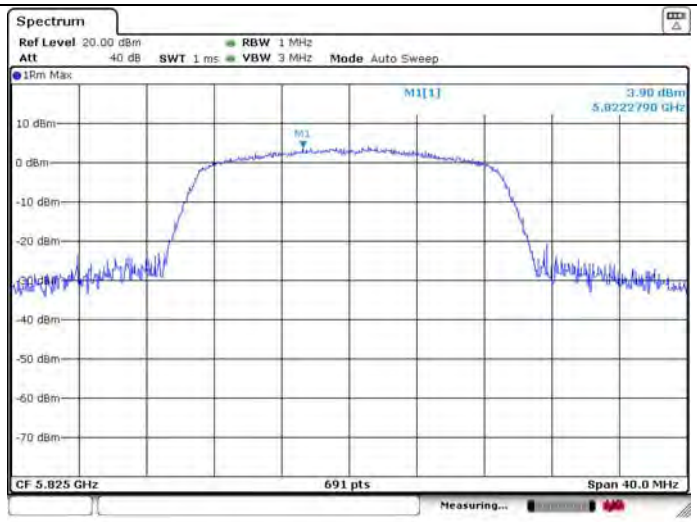	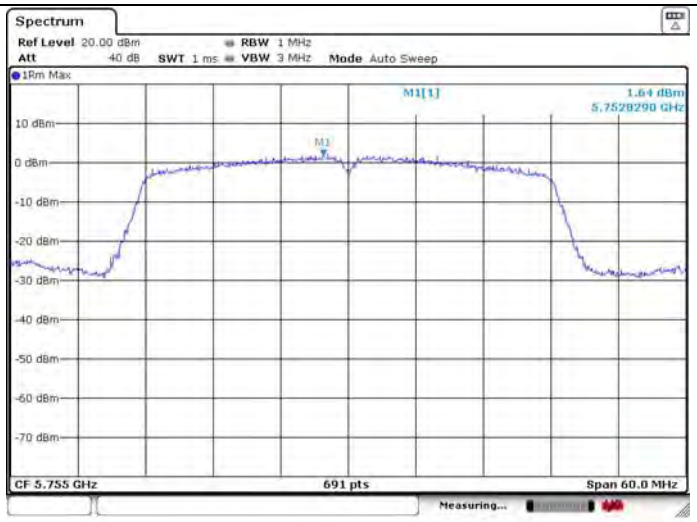
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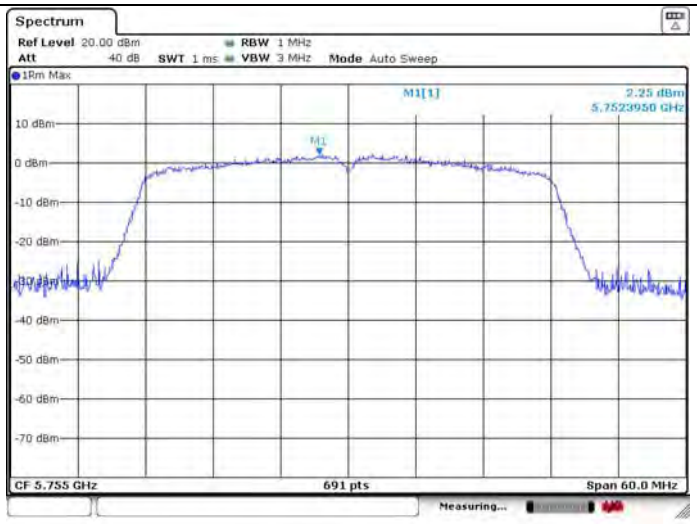
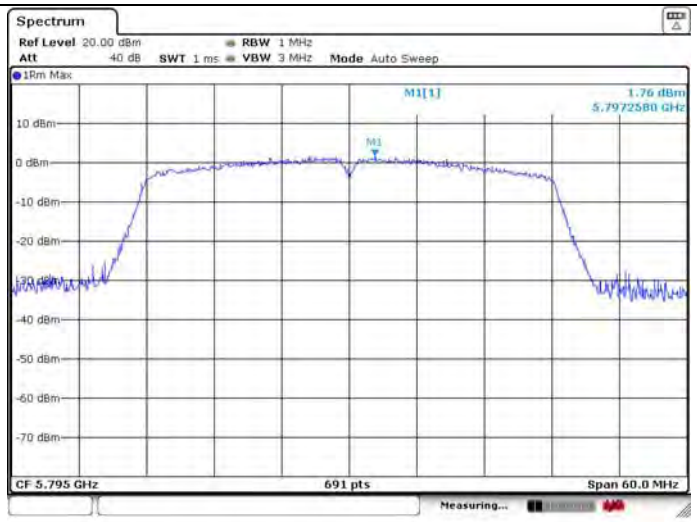
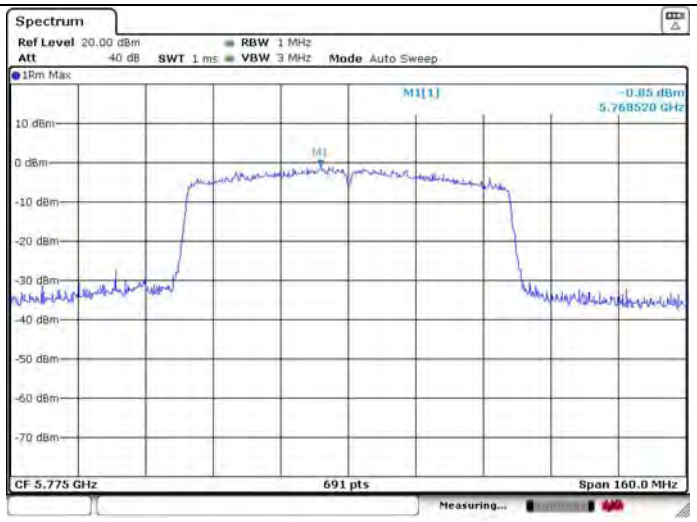
	

U-NII-3 IEEE 802.11ac VHT40 5795MHz	U-NII-3 IEEE 802.11ac VHT80 5775MHz
	

6. UNWANTED EMISSIONS AND BAND EDGE

6.1. Limit

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: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.

The unwanted emissions which fall in Restricted bands shall not exceed the field strength levels specified in the following table:

15.209 Radiated emission limits

Frequency (MHz)	Field Strength(μV/m)	Distance(m)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

15.205 Restricted frequency band

MHz	MHz	MHz	GHz
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
[1]0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.52525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	([2])

Note：

1. dBμV/m=20Log(μV/m)
2. Above 1GHz the formula is used to convert the EIRP to field strength

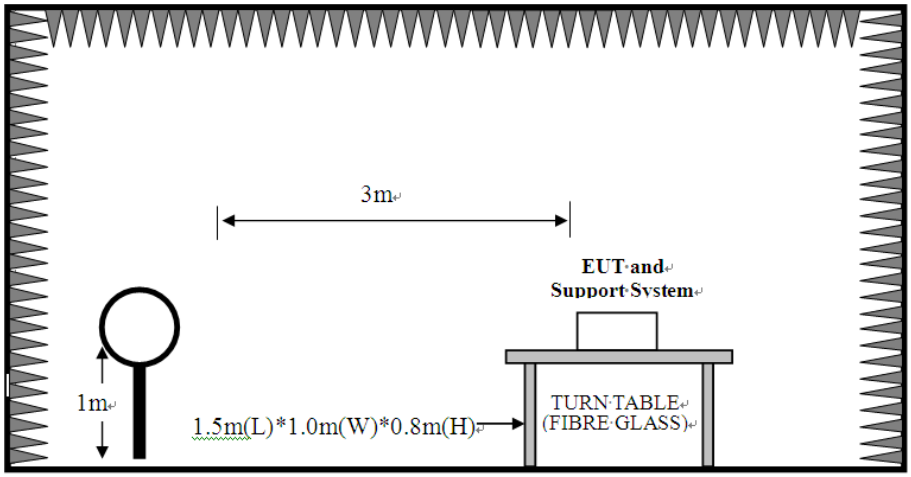
   E[dBμV/m] = EIRP[dBm] – 20 log (d[m]) + 104.77,

   where E is field strength and d is distance at which the field strength limit is specified in the applicable requirements.

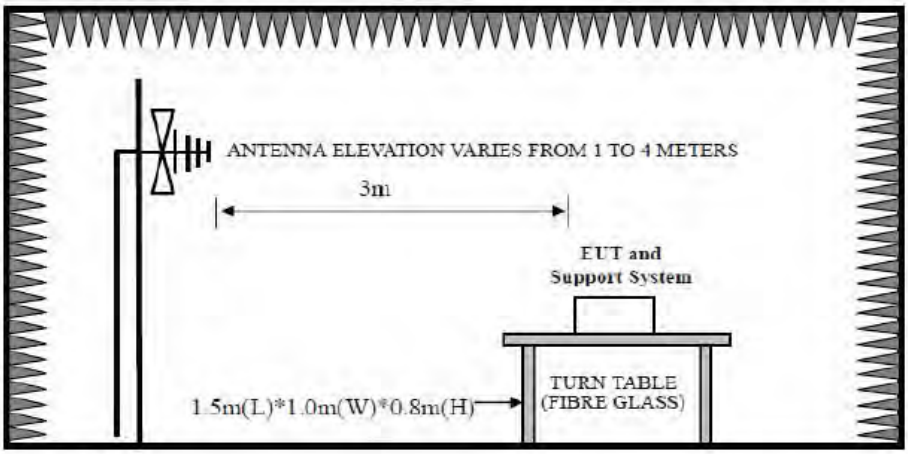
   for example,3m field strength(dBμV/m)=EIRP-20log(3)+104.77=EIRP+95.2

6.2. Test Setup

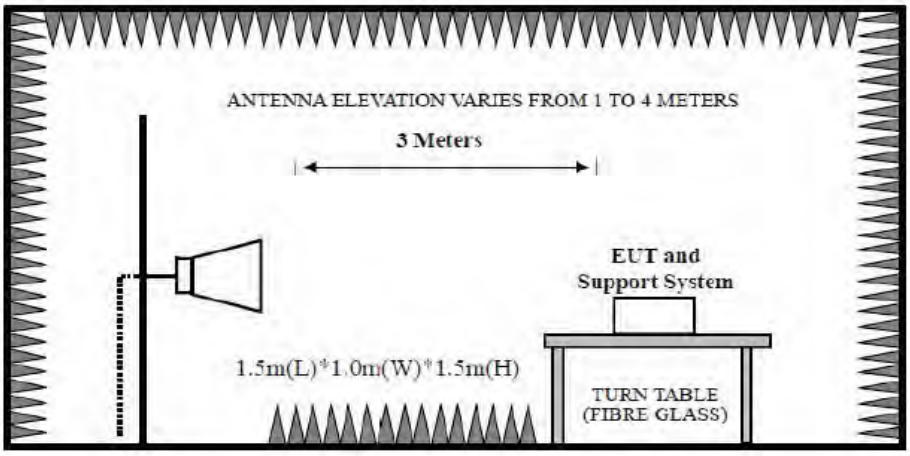
9kHz~30MHz



30~1000MHz



Above 1GHz



6.3. Spectrum Analyzer Setting

For 9KHz-150KHz

Spectrum Parameters	Setting
RBW	300Hz(for Peak&AVG)/CISPR 200Hz(for QP)
VBW	300Hz(for Peak&AVG)/CISPR 200Hz(for QP)
Start frequency	9KHz
Stop frequency	150KHz
Sweep Time	Auto
Detector	PEAK/QP/AVG
Trace Mode	Max Hold

Note : For 9KHz-90KHz&110KHz-150KHz,the detector is average,other frequency is CISPR QP detector.

For 150KHz-30MHz

Spectrum Parameters	Setting
RBW	9KHz
VBW	9KHz
Start frequency	150KHz
Stop frequency	30MHz
Sweep Time	Auto
Detector	QP
Trace Mode	Max Hold

Note : For 150KHz-490KHz,the detector is average,other frequency is CISPR QP detector.

For 30MHz-1GHz

Spectrum Parameters	Setting
RBW	120KHz
VBW	300KHz
Start frequency	30MHz
Stop frequency	1GHz
Sweep Time	Auto
Detector	QP
Trace Mode	Max Hold

For Above 1GHz

Spectrum Parameters	Setting	
RBW	1MHz	
VBW	PEAK Measurement	AVG Measurement
	3MHz	Duty cycle≥98%,VBW=10Hz Duty cycle＜98%,VBW≥1/T Video bandwidth mode=RMS (power averaging)
Start frequency	1GHz	
Stop frequency	40GHz	
Sweep Time	Auto	
Detector	PEAK	
Trace Mode	Max Hold	

Note : T is the on-time time of the duty cycle,when EUT transmit continuously with maximum output power,unit is seconds. reference section 2.7 for the on-time time.

6.4. Test Procedure

a. EUT was placed on a turn table, which is 0.8 meter high above ground for below 1GHz test, and which is 1.5 meter high above ground for above 1GHz test.
b. EUT is set 3 meters away from the receiving antenna, which is mounted on a antenna tower.
c. Set the EUT transmit continuously with maximum output power.
d. The turn table can rotate 360 degrees to determine the position of the maximum emission level.
e. The antenna can be moved up and down between 1 meter and 4 meters to find out the maximum emission level. Both horizontal and vertical polarization of the antenna are set on test.
f. Spectrum analyzer setting parameters in accordance with section 6.3.
g. Repeat above procedures until all channels were measured.
h. Record the results in the test report.

6.5. Test Result

Radiated Emissions Below 1GHz

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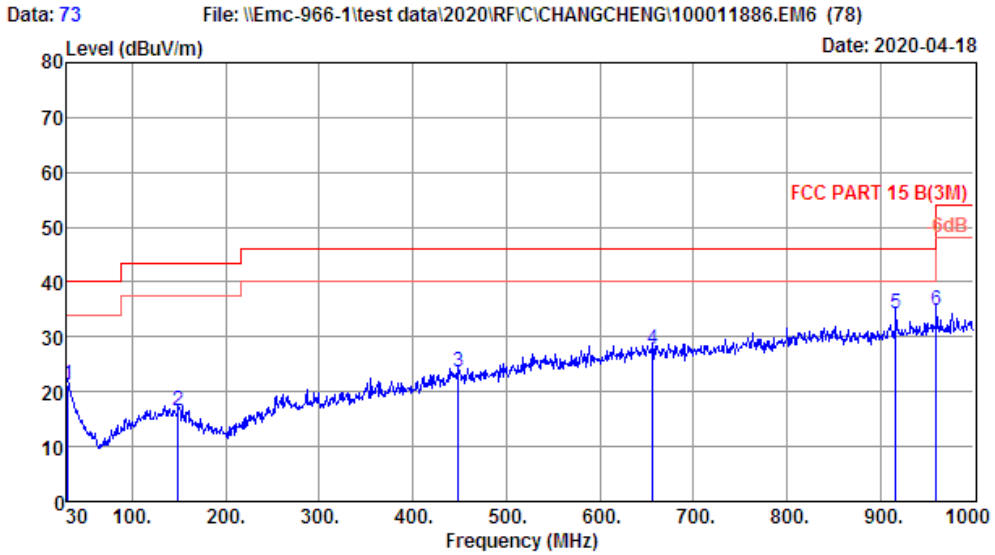


```
Site no.      : 1# 966 Chamber              Data no.  : 73
Dis. / Ant.   : 3m   37062                  Ant. pol. : VERTICAL
Limit         : FCC PART 15 B(3M)
Env. / Ins.   : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer      : Frank
EUT           : 10.1"Android Tablet
Power         : DC 5V From Adapter Input AC 120V/60Hz
M/N           : 100011886
Test Mode     : TX Mode
```

Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
30.97	17.60	0.14	3.61	21.35	40.00	18.65	QP
149.31	11.62	1.09	3.87	16.58	43.50	26.92	QP
449.04	17.26	2.55	3.67	23.48	46.00	22.52	QP
656.62	21.54	3.23	3.03	27.80	46.00	18.20	QP
916.58	24.00	3.99	6.14	34.13	46.00	11.87	QP
960.23	24.70	4.61	5.64	34.95	54.00	19.05	QP

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. Margin= Limit - Emission Level.
3. The emission levels that are 20dB below the official limit are not reported.

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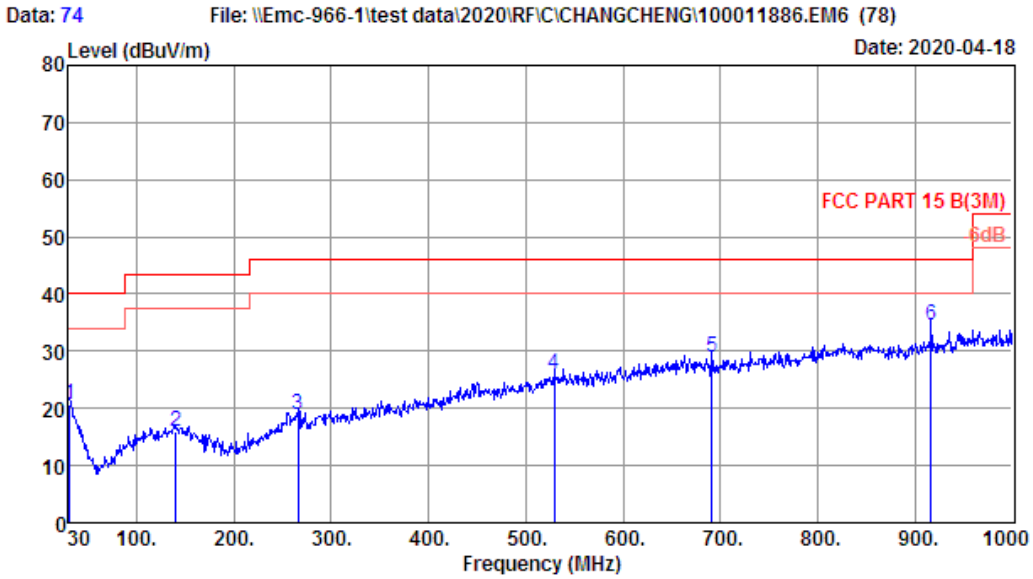

Site no. : 1# 966 Chamber Data no. : 74
Dis. / Ant. : 3m 37062 Ant. pol. : HORIZONTAL
Limit : FCC PART 15 B(3M)
Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer : Frank
EUT : 10.1"Android Tablet
Power : DC 5V From Adapter Input AC 120V/60Hz
M/N : 100011886
Test Mode : TX Mode

Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
30.97	17.60	0.14	2.92	20.66	40.00	19.34	QP
140.58	12.37	1.04	2.62	16.03	43.50	27.47	QP
265.71	13.40	1.72	3.70	18.82	46.00	27.18	QP
529.55	18.80	2.78	4.39	25.97	46.00	20.03	QP
691.54	21.62	3.21	4.21	29.04	46.00	16.96	QP
916.58	24.00	3.99	6.60	34.59	46.00	11.41	QP

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. Margin= Limit - Emission Level.
3. The emission levels that are 20dB below the official limit are not reported.

Mainboard Model No.: MDXC1016G-M2 2GB & LTMZ0007HF-DAB1-SM

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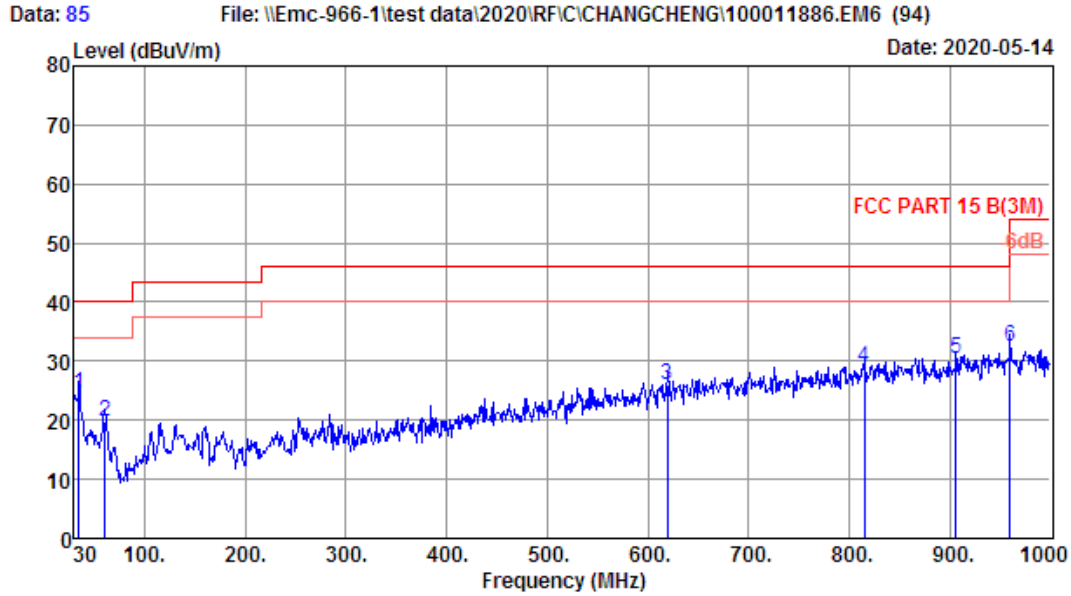

Site no. : 1# 966 Chamber Data no. : 85
Dis. / Ant. : 3m 37062 Ant. pol. : VERTICAL
Limit : FCC PART 15 B(3M)
Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer : Frank
EUT : 10.1"Android Tablet
Power : DC 5V From Adapter Input AC 120V/60Hz
M/N : 100011886
Test Mode : TX Mode
MDXC1016G-M2 2GB
LTMZ0007HF-DAB1-SM

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	34.8500	14.95	0.19	9.49	24.63	40.00	15.37	QP
2	61.0400	5.10	0.42	14.25	19.77	40.00	20.23	QP
3	619.7600	20.80	3.06	2.23	26.09	46.00	19.91	QP
4	814.7300	23.25	3.68	1.86	28.79	46.00	17.21	QP
5	905.9100	23.96	3.90	2.47	30.33	46.00	15.67	QP
6	960.2300	24.70	4.61	3.13	32.44	54.00	21.56	QP

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. Margin= Limit - Emission Level.
3. The emission levels that are 20dB below the official limit are not reported.

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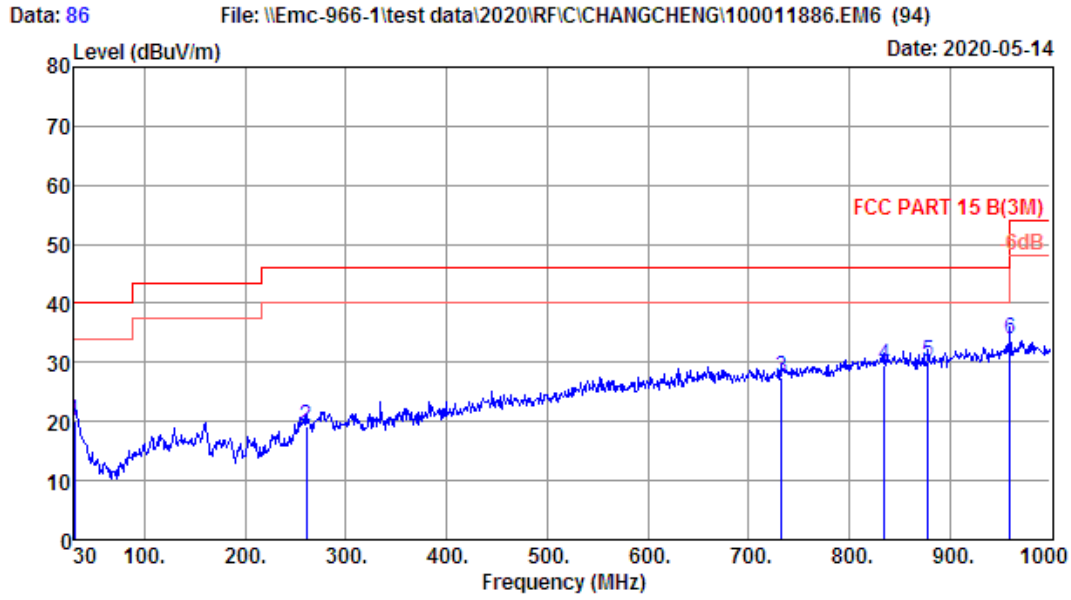

Site no. : 1# 966 Chamber Data no. : 86
Dis. / Ant. : 3m 37062 Ant. pol. : HORIZONTAL
Limit : FCC PART 15 B(3M)
Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer : Frank
EUT : 10.1"Android Tablet
Power : DC 5V From Adapter Input AC 120V/60Hz
M/N : 100011886
Test Mode : TX Mode
MDXC1016G-M2 2GB
LTMZ0007HF-DAB1-SM

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.0000	18.40	0.14	1.68	20.22	40.00	19.78	QP
2	260.8600	13.58	1.70	4.03	19.31	46.00	26.69	QP
3	733.2500	21.73	3.52	2.22	27.47	46.00	18.53	QP
4	835.1000	23.45	3.71	2.49	29.65	46.00	16.35	QP
5	878.7500	23.81	3.89	2.45	30.15	46.00	15.85	QP
6	960.2300	24.70	4.61	4.67	33.98	54.00	20.02	QP

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. Margin= Limit - Emission Level.
3. The emission levels that are 20dB below the official limit are not reported.

Mainboard Model No.: RS512M32LM4D2BDS-53BT 2GB & EMMC32G-TA28 32GB

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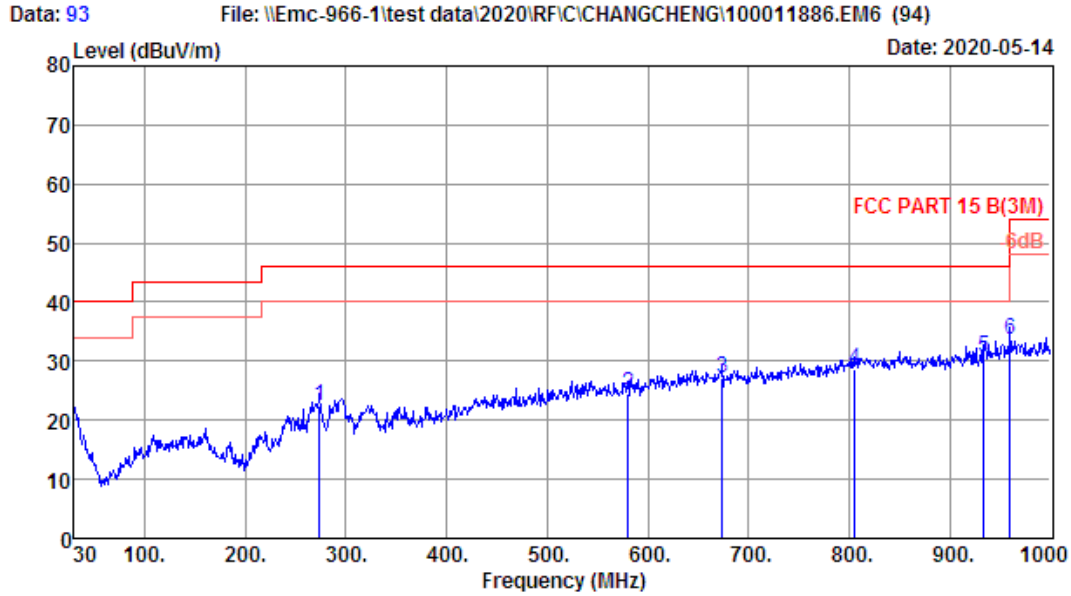

Site no. : 1# 966 Chamber Data no. : 93
Dis. / Ant. : 3m 37062 Ant. pol. : HORIZONTAL
Limit : FCC PART 15 B(3M)
Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer : Frank
EUT : 10.1"Android Tablet
Power : DC 5V From Adapter Input AC 120V/60Hz
M/N : 100011886
Test Mode : TX Mode
RS512M32LM4D2BDS-53BT 2GB
EMMC32G-TA28 32GB

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	273.4700	12.53	1.75	8.26	22.54	46.00	23.46	QP
2	579.9900	20.00	2.92	1.66	24.58	46.00	21.42	QP
3	674.0800	21.70	3.22	2.19	27.11	46.00	18.89	QP
4	806.0000	23.08	3.62	1.92	28.62	46.00	17.38	QP
5	934.0400	24.22	4.26	2.16	30.64	46.00	15.36	QP
6	960.2300	24.70	4.61	4.41	33.72	54.00	20.28	QP

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. Margin= Limit - Emission Level.
3. The emission levels that are 20dB below the official limit are not reported.

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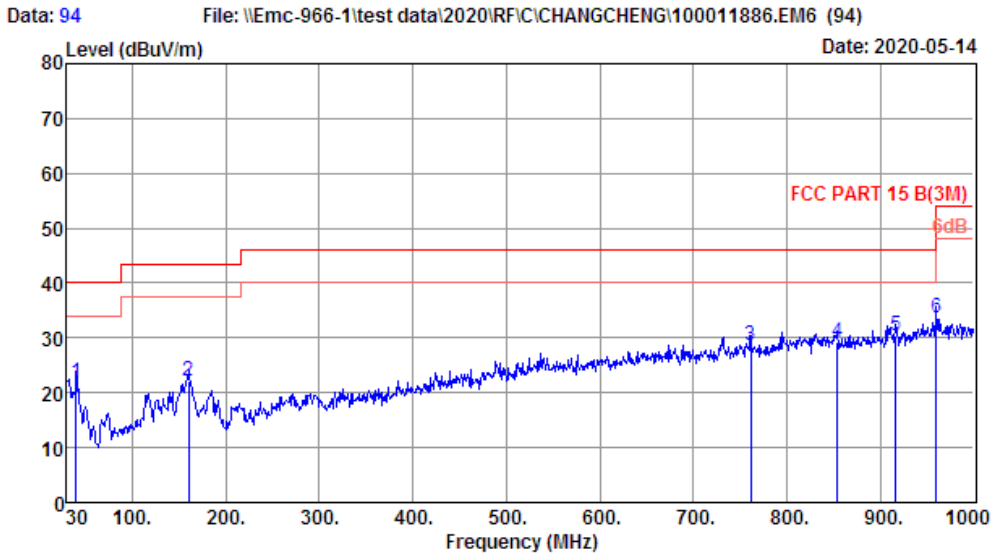


```
Site no.      : 1# 966 Chamber              Data no.  : 94
Dis. / Ant.   : 3m   37062                  Ant. pol. : VERTICAL
Limit         : FCC PART 15 B(3M)
Env. / Ins.   : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer      : Frank
EUT           : 10.1"Android Tablet
Power         : DC 5V From Adapter Input AC 120V/60Hz
M/N           : 100011886
Test Mode     : TX Mode
                RS512M32LM4D2BDS-53BT 2GB
                EMMC32G-TA28 32GB
```

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	39.7000	12.20	0.22	9.35	21.77	40.00	18.23	QP
2	159.9800	11.30	1.14	9.74	22.18	43.50	21.32	QP
3	761.3800	22.41	3.60	2.53	28.54	46.00	17.46	QP
4	854.5000	23.51	3.74	1.99	29.24	46.00	16.76	QP
5	916.5800	24.00	3.99	2.52	30.51	46.00	15.49	QP
6	960.2300	24.70	4.61	4.33	33.64	54.00	20.36	QP

```
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
         2. Margin= Limit - Emission Level.
         3. The emission levels that are 20dB below the official limit are not reported.
```

Note:

1. The amplitude of 9KHz to 30MHz spurious emission that is attenuated by more than 20dB below the permissible limit has no need to be reported.
2. All channels had been pre-test,only the worst case was reported.

Radiated Emissions Above 1G

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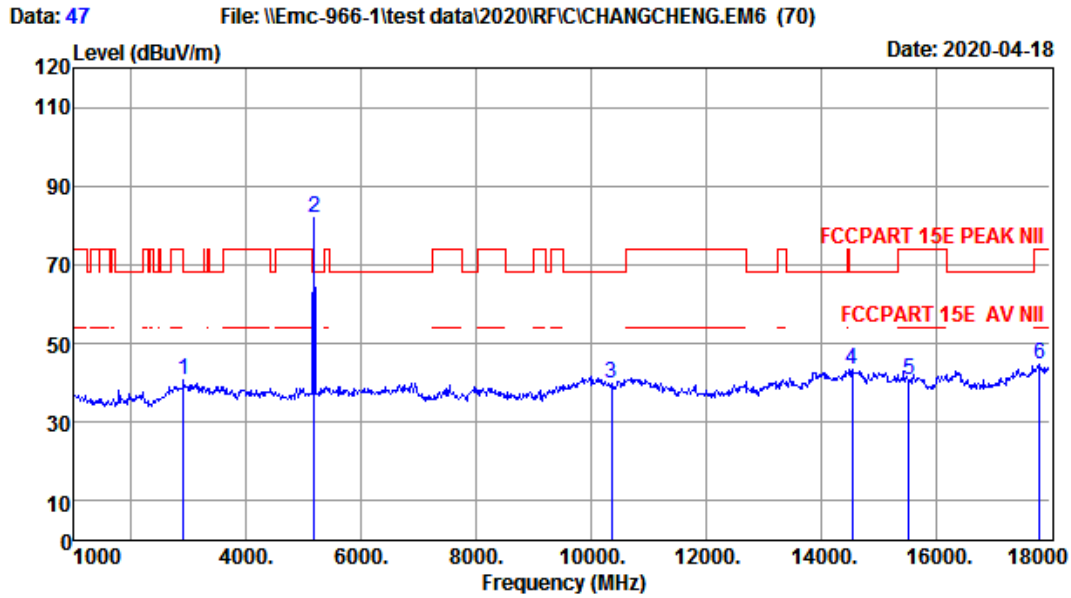

Site no. : 1# 966 Chamber Data no. : 47
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
Limit : FCCPART 15E PEAK NII
Env. / Ins. : Temp:27.3';Humi:54%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"Andriod Tablet
Power : DC5V From Adapter Input AC 120V/60Hz
M/N : 100011886
Test Mode : IEEE 802.11a TX 5180MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2904.00	28.36	2.05	34.44	44.59	40.56	68.20	27.64	Peak
2	5180.00	32.20	3.52	34.63	80.72	81.81	68.20	-13.61	Peak
3	10360.00	39.27	5.99	34.31	29.03	39.98	68.20	28.22	Peak
4	14549.00	40.99	6.89	34.46	30.04	43.46	68.20	24.74	Peak
5	15540.00	40.31	6.46	34.39	28.29	40.67	74.00	33.33	Peak
6	17813.00	47.41	8.12	34.32	23.30	44.51	74.00	29.49	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. Margin= Limit - Emission Level.
3. The emission levels that are 20dB below the official limit are not reported.

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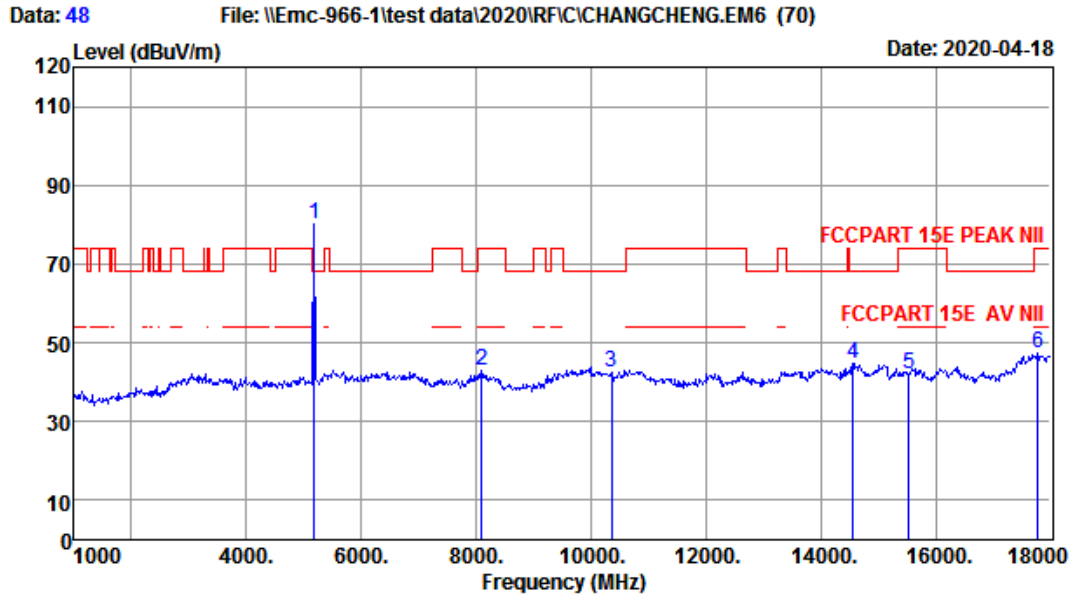

Site no. : 1# 966 Chamber Data no. : 48
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
Limit : FCCPART 15E PEAK NII
Env. / Ins. : Temp:27.3';Humi:54%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"Andriod Tablet
Power : DC5V From Adapter Input AC 120V/60Hz
M/N : 100011886
Test Mode : IEEE 802.11a TX 5180MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5180.00	32.20	3.52	34.63	79.16	80.25	68.20	-12.05	Peak
2	8089.00	36.90	5.71	34.86	35.13	42.88	74.00	31.12	Peak
3	10360.00	39.27	5.99	34.31	31.34	42.29	68.20	25.91	Peak
4	14566.00	40.99	6.89	34.47	31.42	44.83	68.20	23.37	Peak
5	15540.00	40.31	6.46	34.39	29.66	42.04	74.00	31.96	Peak
6	17779.00	47.14	8.10	34.32	26.32	47.24	74.00	26.76	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. Margin= Limit - Emission Level.
3. The emission levels that are 20dB below the official limit are not reported.

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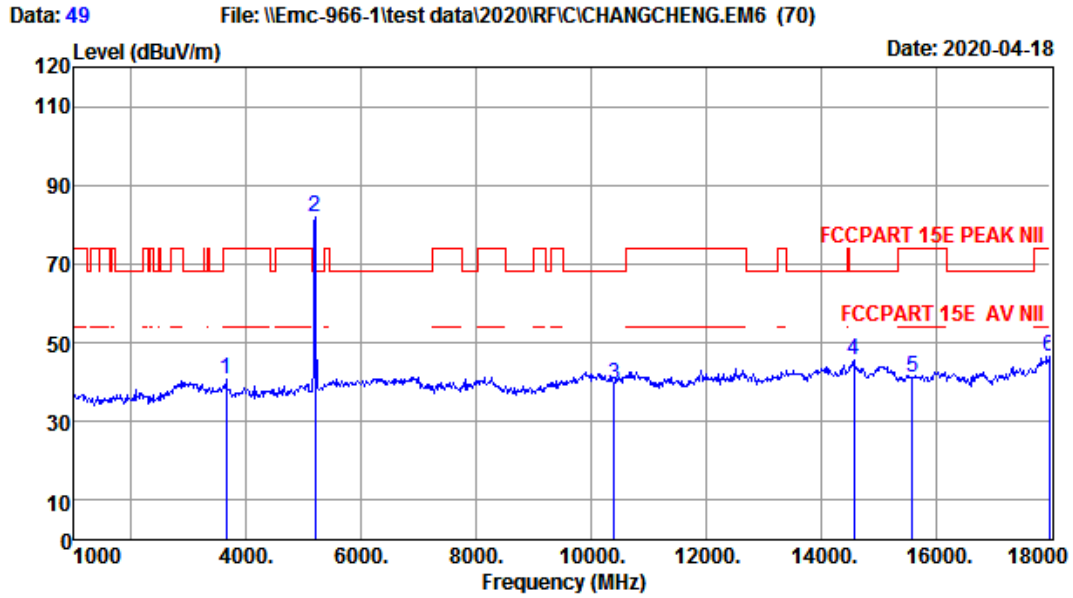

Site no. : 1# 966 Chamber Data no. : 49
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
Limit : FCCPART 15E PEAK NII
Env. / Ins. : Temp:27.3';Humi:54%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"Andriod Tablet
Power : DC5V From Adapter Input AC 120V/60Hz
M/N : 100011886
Test Mode : IEEE 802.11a TX 5200MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	3652.00	29.18	2.90	34.47	43.01	40.62	74.00	33.38	Peak
2	5200.00	32.24	3.53	34.62	80.62	81.77	68.20	-13.57	Peak
3	10400.00	39.31	5.99	34.32	28.41	39.39	68.20	28.81	Peak
4	14583.00	40.98	6.89	34.47	32.13	45.53	68.20	22.67	Peak
5	15600.00	40.24	6.53	34.36	28.69	41.10	74.00	32.90	Peak
6	17983.00	48.76	8.23	34.30	24.03	46.72	74.00	27.28	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. Margin= Limit - Emission Level.
3. The emission levels that are 20dB below the official limit are not reported.

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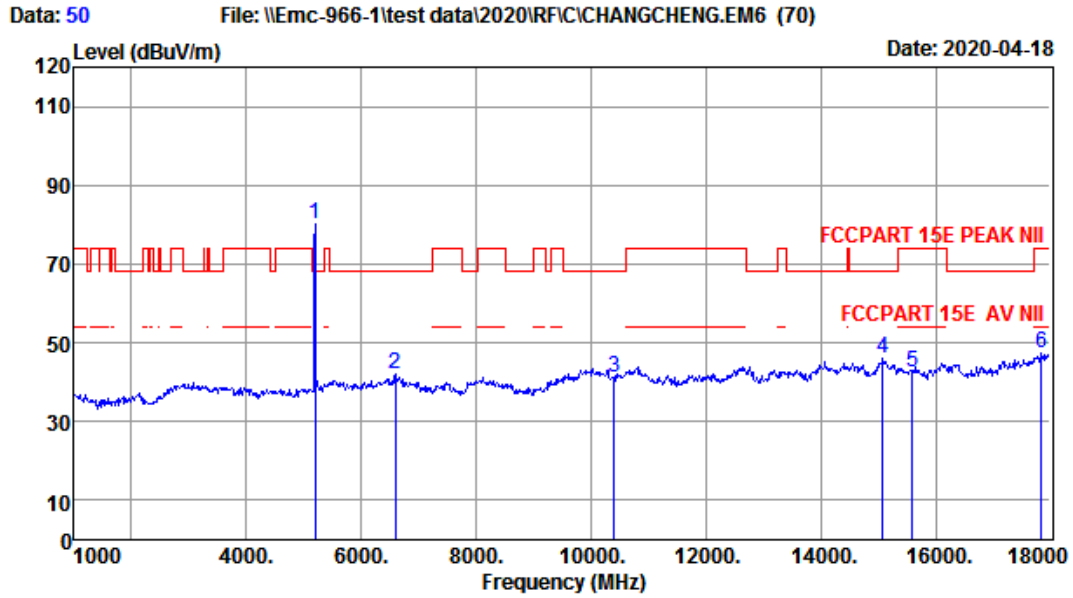

Site no. : 1# 966 Chamber Data no. : 50
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
Limit : FCCPART 15E PEAK NII
Env. / Ins. : Temp:27.3';Humi:54%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"Andriod Tablet
Power : DC5V From Adapter Input AC 120V/60Hz
M/N : 100011886
Test Mode : IEEE 802.11a TX 5200MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5200.00	32.24	3.53	34.62	78.87	80.02	68.20	-11.82	Peak
2	6593.00	34.81	4.79	34.60	36.85	41.85	68.20	26.35	Peak
3	10400.00	39.31	5.99	34.32	30.22	41.20	68.20	27.00	Peak
4	15076.00	40.82	6.76	34.57	32.89	45.90	68.20	22.30	Peak
5	15600.00	40.24	6.53	34.36	29.98	42.39	74.00	31.61	Peak
6	17847.00	47.68	8.14	34.32	25.91	47.41	74.00	26.59	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. Margin= Limit - Emission Level.
3. The emission levels that are 20dB below the official limit are not reported.

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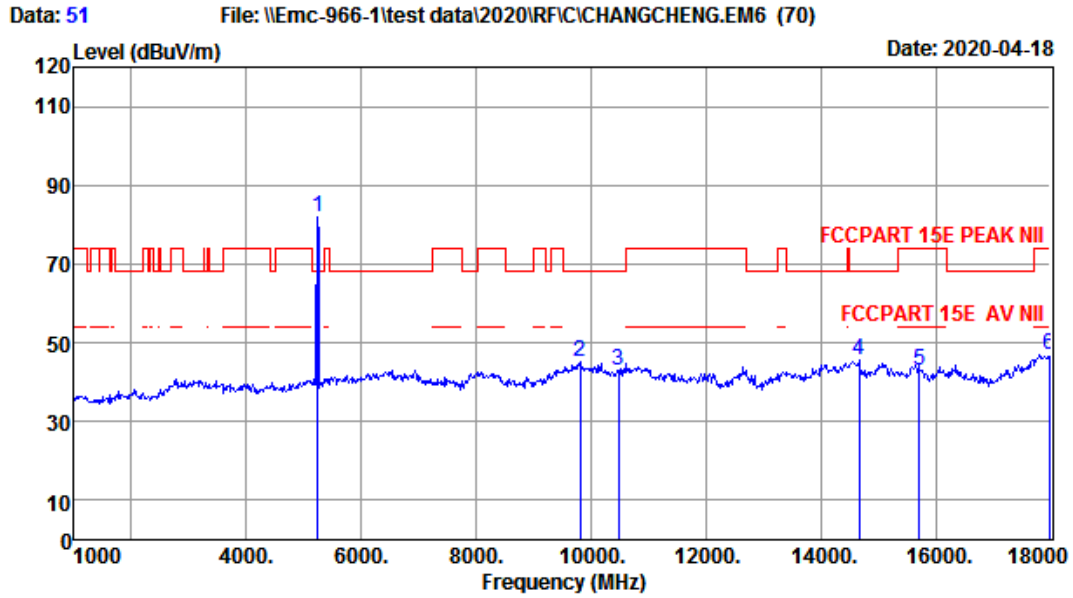

Site no. : 1# 966 Chamber Data no. : 51
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
Limit : FCCPART 15E PEAK NII
Env. / Ins. : Temp:27.3';Humi:54%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"Andriod Tablet
Power : DC5V From Adapter Input AC 120V/60Hz
M/N : 100011886
Test Mode : IEEE 802.11a TX 5240MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5240.00	32.31	3.55	34.61	80.85	82.10	68.20	-13.90	Peak
2	9806.00	38.52	5.74	34.24	35.31	45.33	68.20	22.87	Peak
3	10480.00	39.39	6.02	34.35	31.75	42.81	68.20	25.39	Peak
4	14668.00	40.97	6.87	34.50	32.09	45.43	68.20	22.77	Peak
5	15720.00	40.10	6.65	34.31	30.40	42.84	74.00	31.16	Peak
6	17983.00	48.76	8.23	34.30	24.40	47.09	74.00	26.91	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. Margin= Limit - Emission Level.
3. The emission levels that are 20dB below the official limit are not reported.

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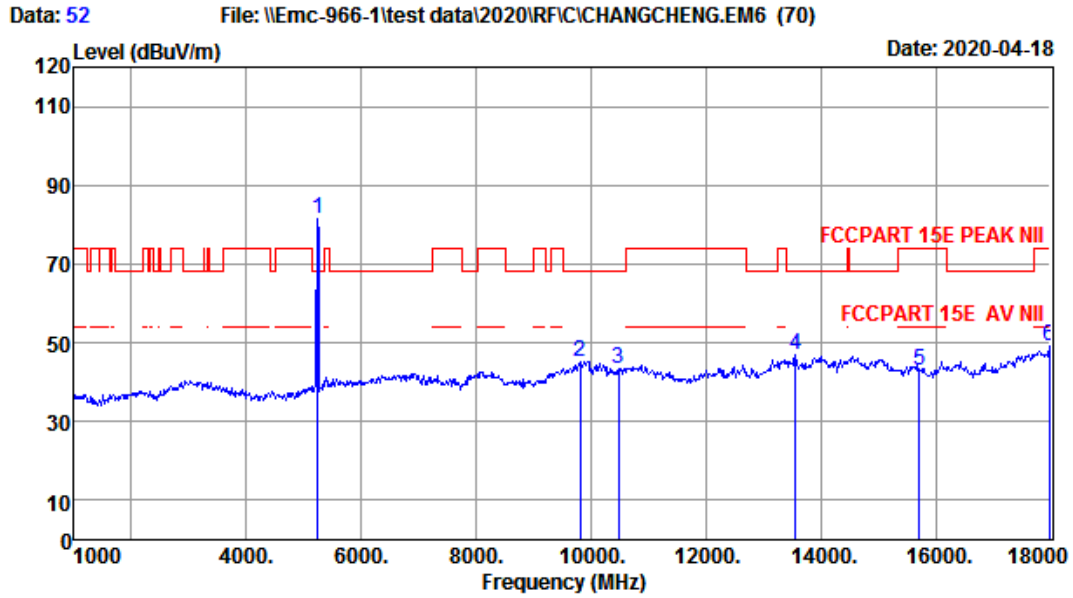

Site no. : 1# 966 Chamber Data no. : 52
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
Limit : FCCPART 15E PEAK NII
Env. / Ins. : Temp:27.3';Humi:54%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"Andriod Tablet
Power : DC5V From Adapter Input AC 120V/60Hz
M/N : 100011886
Test Mode : IEEE 802.11a TX 5240MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5240.00	32.31	3.55	34.61	80.37	81.62	68.20	-13.42	Peak
2	9806.00	38.52	5.74	34.24	35.14	45.16	68.20	23.04	Peak
3	10480.00	39.39	6.02	34.35	32.14	43.20	68.20	25.00	Peak
4	13563.00	40.35	6.36	34.34	34.76	47.13	68.20	21.07	Peak
5	15720.00	40.10	6.65	34.31	30.46	42.90	74.00	31.10	Peak
6	17983.00	48.76	8.23	34.30	26.34	49.03	74.00	24.97	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. Margin= Limit - Emission Level.
3. The emission levels that are 20dB below the official limit are not reported.

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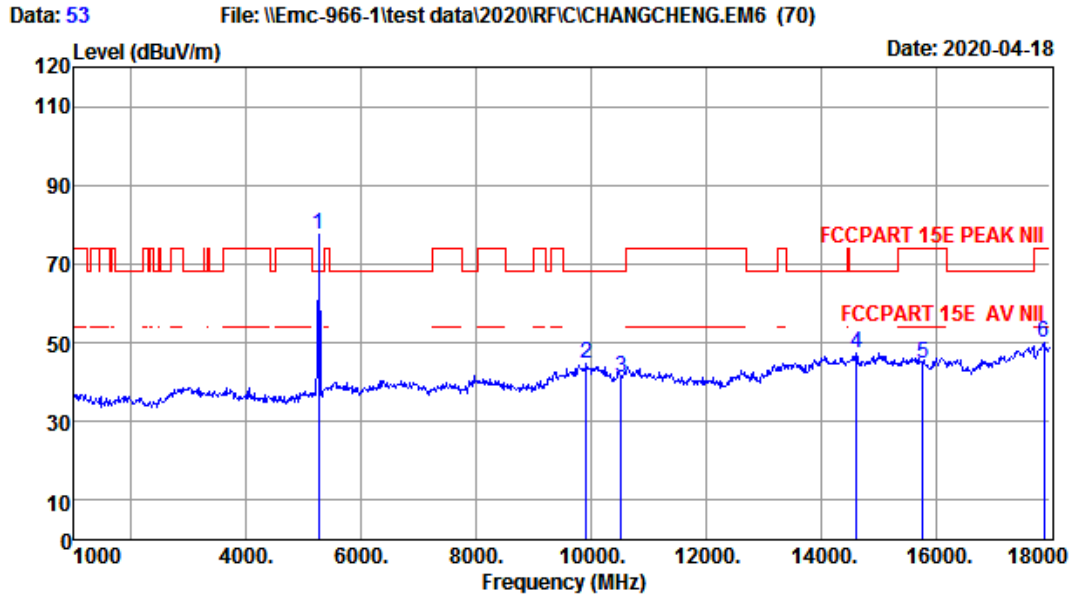

Site no. : 1# 966 Chamber Data no. : 53
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
Limit : FCCPART 15E PEAK NII
Env. / Ins. : Temp:27.3';Humi:54%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"Andriod Tablet
Power : DC5V From Adapter Input AC 120V/60Hz
M/N : 100011886
Test Mode : IEEE 802.11a TX 5260MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5260.00	32.39	3.57	34.59	76.19	77.56	68.20	-9.36	Peak
2	9925.00	38.76	5.84	34.21	34.45	44.84	68.20	23.36	Peak
3	10520.00	39.43	6.02	34.36	30.25	41.34	68.20	26.86	Peak
4	14617.00	40.98	6.88	34.48	34.10	47.48	68.20	20.72	Peak
5	15780.00	40.05	6.69	34.29	32.30	44.75	74.00	29.25	Peak
6	17881.00	47.95	8.16	34.31	28.21	50.01	74.00	23.99	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. Margin= Limit - Emission Level.
3. The emission levels that are 20dB below the official limit are not reported.

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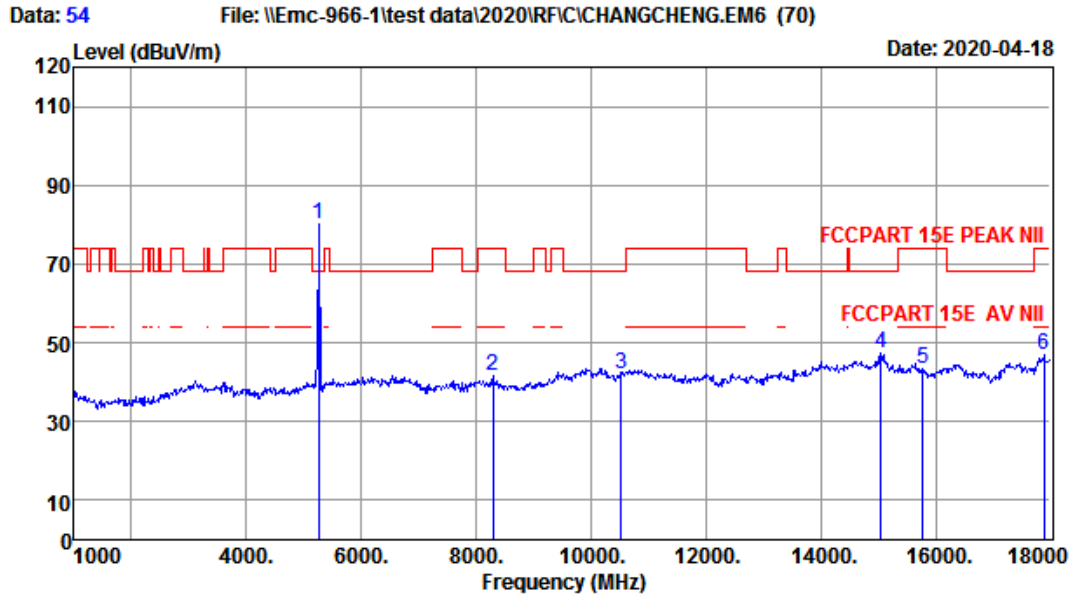

Site no. : 1# 966 Chamber Data no. : 54
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
Limit : FCCPART 15E PEAK NII
Env. / Ins. : Temp:27.3';Humi:54%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"Andriod Tablet
Power : DC5V From Adapter Input AC 120V/60Hz
M/N : 100011886
Test Mode : IEEE 802.11a TX 5260MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5260.00	32.39	3.57	34.59	78.72	80.09	68.20	-11.89	Peak
2	8293.00	36.90	5.45	34.76	34.03	41.62	74.00	32.38	Peak
3	10520.00	39.43	6.02	34.36	30.79	41.88	68.20	26.32	Peak
4	15042.00	40.86	6.78	34.59	34.46	47.51	68.20	20.69	Peak
5	15780.00	40.05	6.69	34.29	30.98	43.43	74.00	30.57	Peak
6	17881.00	47.95	8.16	34.31	24.97	46.77	74.00	27.23	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. Margin= Limit - Emission Level.
3. The emission levels that are 20dB below the official limit are not reported.

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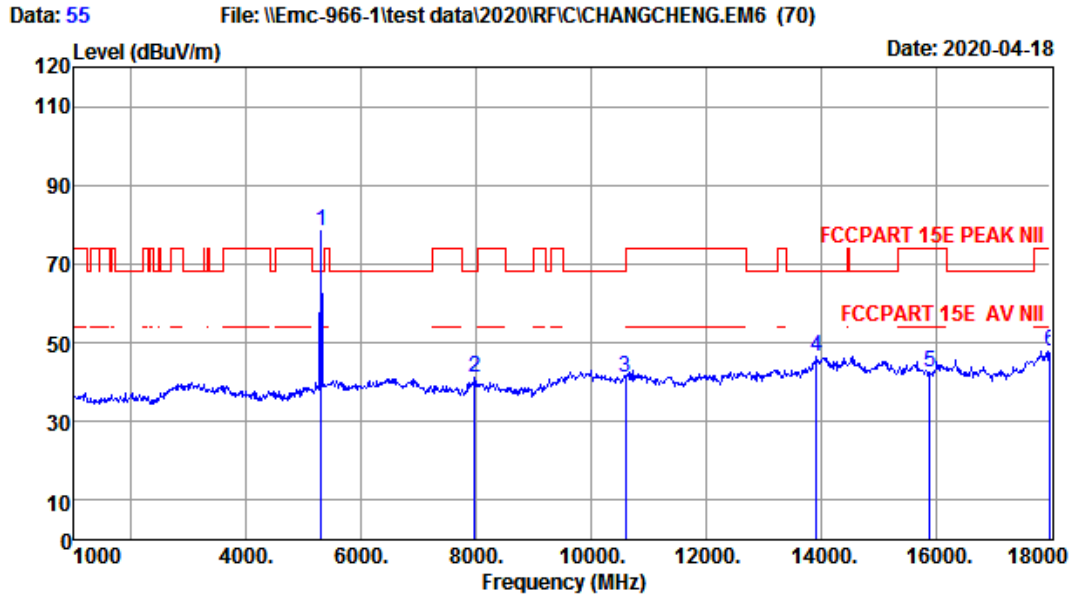

Site no. : 1# 966 Chamber Data no. : 55
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
Limit : FCCPART 15E PEAK NII
Env. / Ins. : Temp:27.3';Humi:54%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"Andriod Tablet
Power : DC5V From Adapter Input AC 120V/60Hz
M/N : 100011886
Test Mode : IEEE 802.11a TX 5300MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5300.00	32.46	3.59	34.58	76.82	78.29	68.20	-10.09	Peak
2	7970.00	36.89	5.78	34.90	33.38	41.15	68.20	27.05	Peak
3	10600.00	39.51	6.04	34.38	30.01	41.18	68.20	27.02	Peak
4	13920.00	40.96	6.50	34.31	33.23	46.38	68.20	21.82	Peak
5	15900.00	39.91	6.81	34.24	29.93	42.41	74.00	31.59	Peak
6	18000.00	48.90	8.24	34.30	25.05	47.89	74.00	26.11	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. Margin= Limit - Emission Level.
3. The emission levels that are 20dB below the official limit are not reported.

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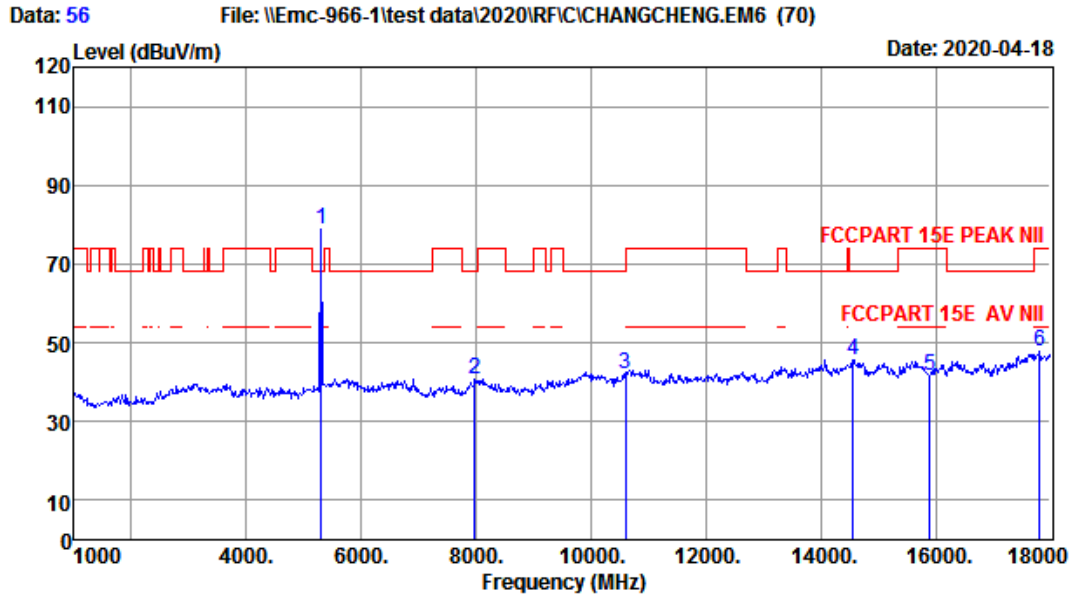

Site no. : 1# 966 Chamber Data no. : 56
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
Limit : FCCPART 15E PEAK NII
Env. / Ins. : Temp:27.3';Humi:54%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"Andriod Tablet
Power : DC5V From Adapter Input AC 120V/60Hz
M/N : 100011886
Test Mode : IEEE 802.11a TX 5300MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5300.00	32.46	3.59	34.58	77.46	78.93	68.20	-10.73	Peak
2	7970.00	36.89	5.78	34.90	33.09	40.86	68.20	27.34	Peak
3	10600.00	39.51	6.04	34.38	30.97	42.14	68.20	26.06	Peak
4	14566.00	40.99	6.89	34.47	32.06	45.47	68.20	22.73	Peak
5	15900.00	39.91	6.81	34.24	29.26	41.74	74.00	32.26	Peak
6	17813.00	47.41	8.12	34.32	26.61	47.82	74.00	26.18	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. Margin= Limit - Emission Level.
3. The emission levels that are 20dB below the official limit are not reported.

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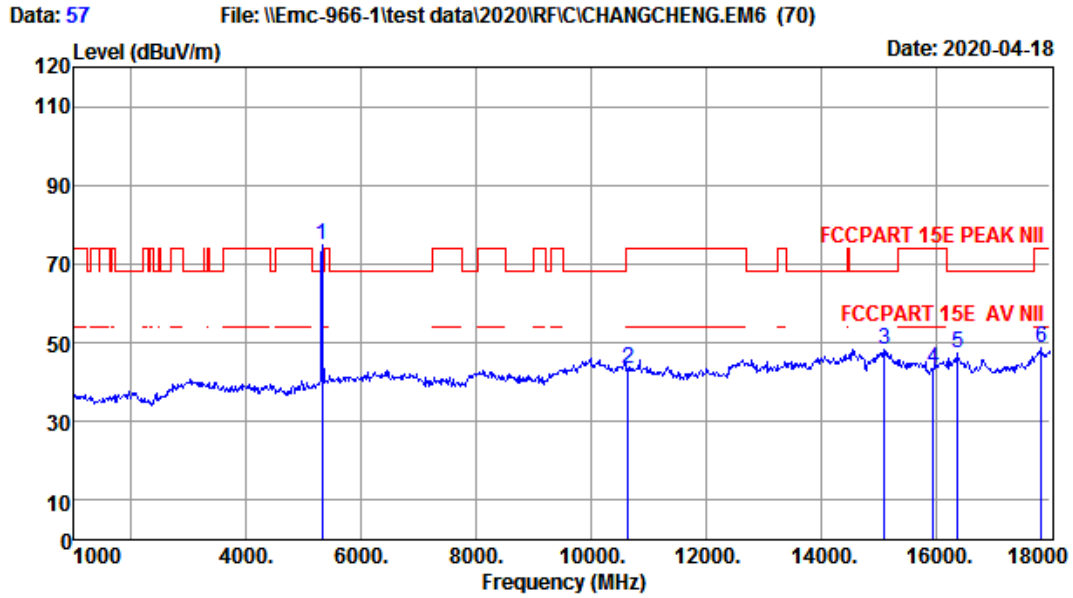

Site no. : 1# 966 Chamber Data no. : 57
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
Limit : FCCPART 15E PEAK NII
Env. / Ins. : Temp:27.3';Humi:54%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"Andriod Tablet
Power : DC5V From Adapter Input AC 120V/60Hz
M/N : 100011886
Test Mode : IEEE 802.11a TX 5320MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5320.00	32.50	3.60	34.57	73.10	74.63	68.20	-6.43	Peak
2	10640.00	39.54	6.04	34.39	32.32	43.51	74.00	30.49	Peak
3	15110.00	40.79	6.73	34.56	35.29	48.25	68.20	19.95	Peak
4	15960.00	39.84	6.88	34.21	30.85	43.36	74.00	30.64	Peak
5	16385.00	40.23	7.07	34.28	34.41	47.43	68.20	20.77	Peak
6	17847.00	47.68	8.14	34.32	27.17	48.67	74.00	25.33	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. Margin= Limit - Emission Level.
3. The emission levels that are 20dB below the official limit are not reported.

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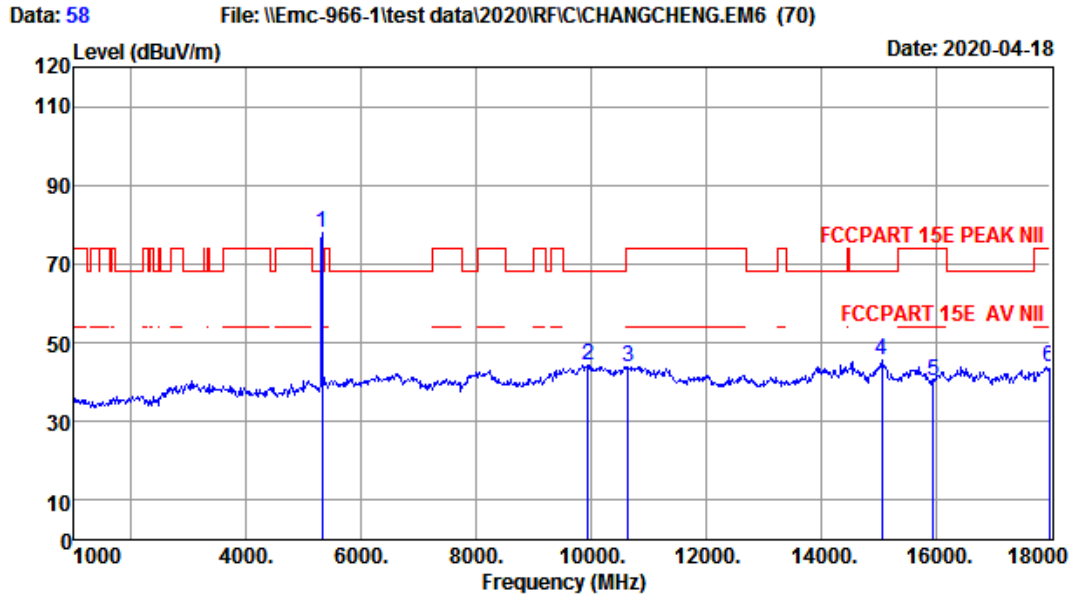

Site no. : 1# 966 Chamber Data no. : 58
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
Limit : FCCPART 15E PEAK NII
Env. / Ins. : Temp:27.3';Humi:54%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"Andriod Tablet
Power : DC5V From Adapter Input AC 120V/60Hz
M/N : 100011886
Test Mode : IEEE 802.11a TX 5320MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5320.00	32.50	3.60	34.57	76.45	77.98	68.20	-9.78	Peak
2	9942.00	38.80	5.85	34.21	33.76	44.20	68.20	24.00	Peak
3	10640.00	39.54	6.04	34.39	32.82	44.01	74.00	29.99	Peak
4	15059.00	40.84	6.77	34.58	32.77	45.80	68.20	22.40	Peak
5	15960.00	39.84	6.88	34.21	27.92	40.43	74.00	33.57	Peak
6	17983.00	48.76	8.23	34.30	21.36	44.05	74.00	29.95	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. Margin= Limit - Emission Level.
3. The emission levels that are 20dB below the official limit are not reported.

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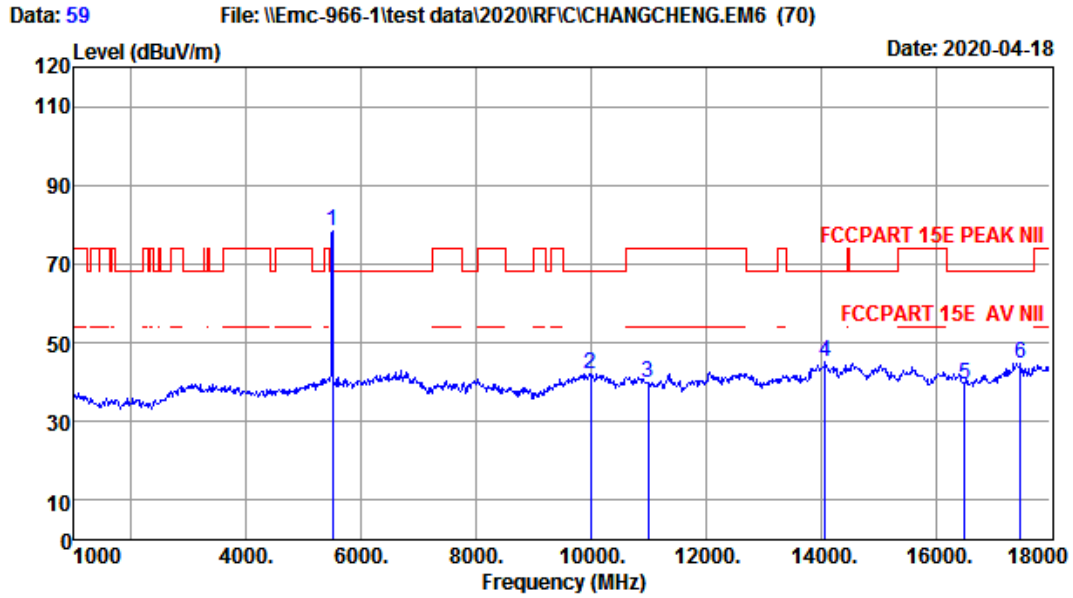

Site no. : 1# 966 Chamber Data no. : 59
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
Limit : FCCPART 15E PEAK NII
Env. / Ins. : Temp:27.3';Humi:54%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"Andriod Tablet
Power : DC5V From Adapter Input AC 120V/60Hz
M/N : 100011886
Test Mode : IEEE 802.11a TX 5500MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5500.00	32.90	3.71	34.50	76.11	78.22	68.20	-10.02	Peak
2	9993.00	38.90	5.89	34.20	31.64	42.23	68.20	25.97	Peak
3	11000.00	39.90	6.11	34.50	28.14	39.65	74.00	34.35	Peak
4	14073.00	41.09	6.58	34.32	32.03	45.38	68.20	22.82	Peak
5	16500.00	40.36	7.12	34.30	26.20	39.38	68.20	28.82	Peak
6	17473.00	44.70	7.89	34.35	26.59	44.83	68.20	23.37	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. Margin= Limit - Emission Level.
3. The emission levels that are 20dB below the official limit are not reported.

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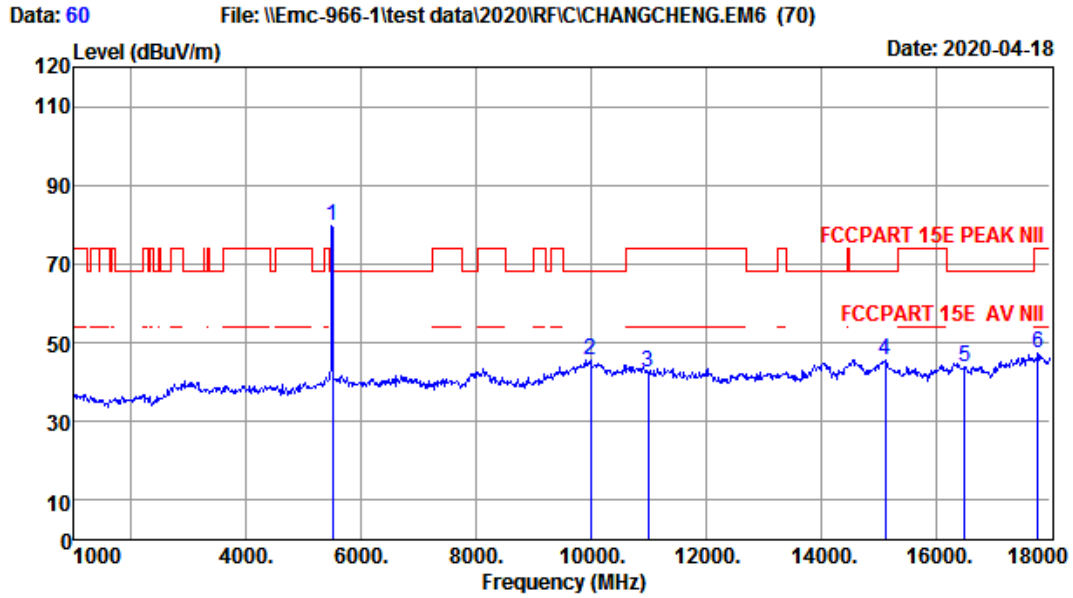

Site no. : 1# 966 Chamber Data no. : 60
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
Limit : FCCPART 15E PEAK NII
Env. / Ins. : Temp:27.3';Humi:54%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"Andriod Tablet
Power : DC5V From Adapter Input AC 120V/60Hz
M/N : 100011886
Test Mode : IEEE 802.11a TX 5500MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5500.00	32.90	3.71	34.50	77.67	79.78	68.20	-11.58	Peak
2	9993.00	38.90	5.89	34.20	35.17	45.76	68.20	22.44	Peak
3	11000.00	39.90	6.11	34.50	31.08	42.59	74.00	31.41	Peak
4	15127.00	40.77	6.72	34.55	32.71	45.65	68.20	22.55	Peak
5	16500.00	40.36	7.12	34.30	30.55	43.73	68.20	24.47	Peak
6	17779.00	47.14	8.10	34.32	26.60	47.52	74.00	26.48	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. Margin= Limit - Emission Level.
3. The emission levels that are 20dB below the official limit are not reported.

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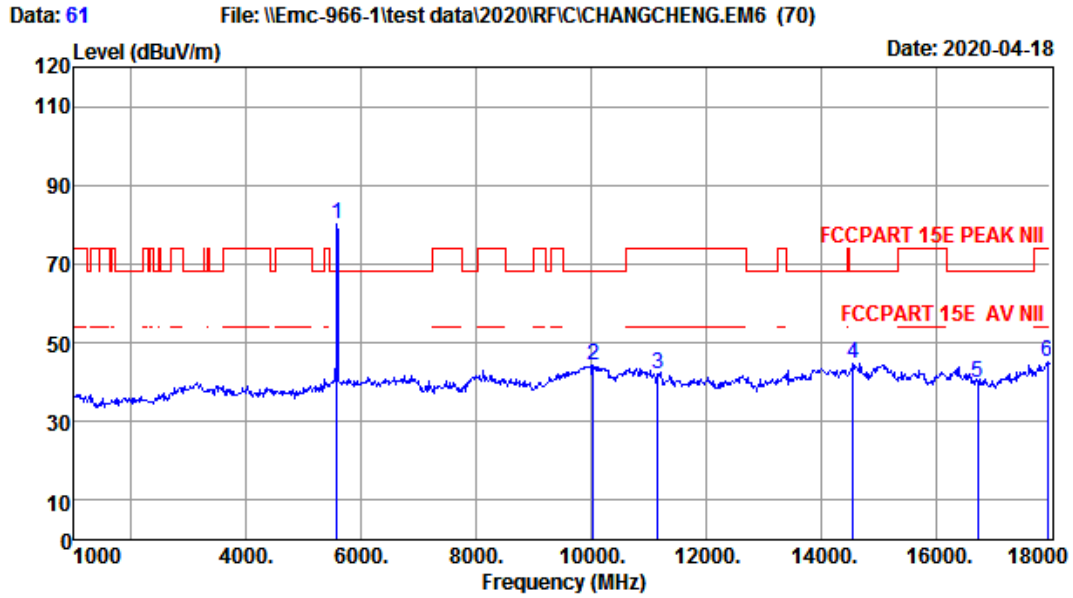

Site no. : 1# 966 Chamber Data no. : 61
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
Limit : FCCPART 15E PEAK NII
Env. / Ins. : Temp:27.3';Humi:54%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"Andriod Tablet
Power : DC5V From Adapter Input AC 120V/60Hz
M/N : 100011886
Test Mode : IEEE 802.11a TX 5580MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5580.00	32.89	3.79	34.47	77.93	80.14	68.20	-11.94	Peak
2	10044.00	38.95	5.90	34.22	33.59	44.22	68.20	23.98	Peak
3	11160.00	39.90	6.12	34.55	30.51	41.98	74.00	32.02	Peak
4	14566.00	40.99	6.89	34.47	31.23	44.64	68.20	23.56	Peak
5	16740.00	40.62	7.26	34.35	26.26	39.79	68.20	28.41	Peak
6	17949.00	48.49	8.21	34.31	22.63	45.02	74.00	28.98	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. Margin= Limit - Emission Level.
3. The emission levels that are 20dB below the official limit are not reported.

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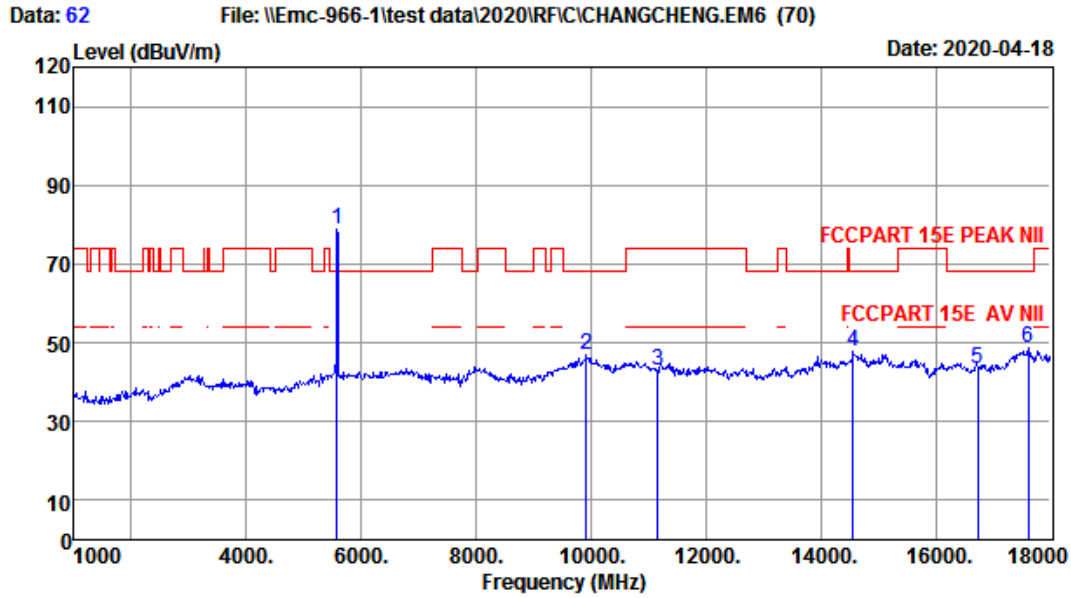

Site no. : 1# 966 Chamber Data no. : 62
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
Limit : FCCPART 15E PEAK NII
Env. / Ins. : Temp:27.3';Humi:54%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"Andriod Tablet
Power : DC5V From Adapter Input AC 120V/60Hz
M/N : 100011886
Test Mode : IEEE 802.11a TX 5580MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5580.00	32.89	3.79	34.47	76.60	78.81	68.20	-10.61	Peak
2	9925.00	38.76	5.84	34.21	36.77	47.16	68.20	21.04	Peak
3	11160.00	39.90	6.12	34.55	31.66	43.13	74.00	30.87	Peak
4	14566.00	40.99	6.89	34.47	34.21	47.62	68.20	20.58	Peak
5	16740.00	40.62	7.26	34.35	29.91	43.44	68.20	24.76	Peak
6	17609.00	45.78	7.99	34.34	29.07	48.50	68.20	19.70	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. Margin= Limit - Emission Level.
3. The emission levels that are 20dB below the official limit are not reported.

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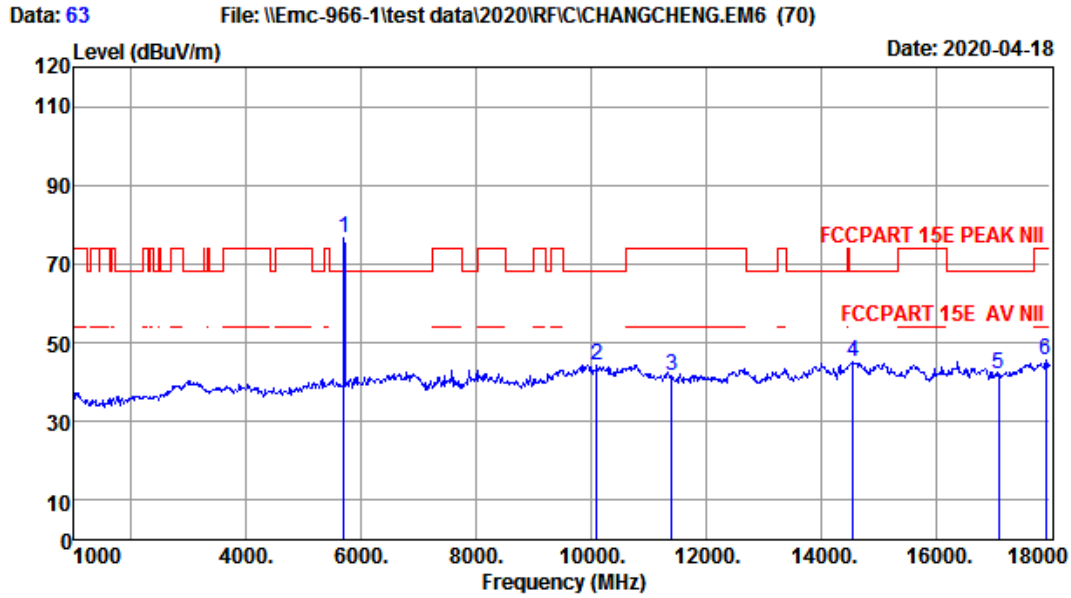

Site no. : 1# 966 Chamber Data no. : 63
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
Limit : FCCPART 15E PEAK NII
Env. / Ins. : Temp:27.3';Humi:54%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"Andriod Tablet
Power : DC5V From Adapter Input AC 120V/60Hz
M/N : 100011886
Test Mode : IEEE 802.11a TX 5700MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5700.00	32.86	3.94	34.42	74.24	76.62	68.20	-8.42	Peak
2	10095.00	39.00	5.92	34.23	33.55	44.24	68.20	23.96	Peak
3	11400.00	39.90	6.14	34.62	30.16	41.58	74.00	32.42	Peak
4	14566.00	40.99	6.89	34.47	31.62	45.03	68.20	23.17	Peak
5	17100.00	41.71	7.52	34.39	27.35	42.19	68.20	26.01	Peak
6	17915.00	48.22	8.18	34.31	23.40	45.49	74.00	28.51	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. Margin= Limit - Emission Level.
3. The emission levels that are 20dB below the official limit are not reported.

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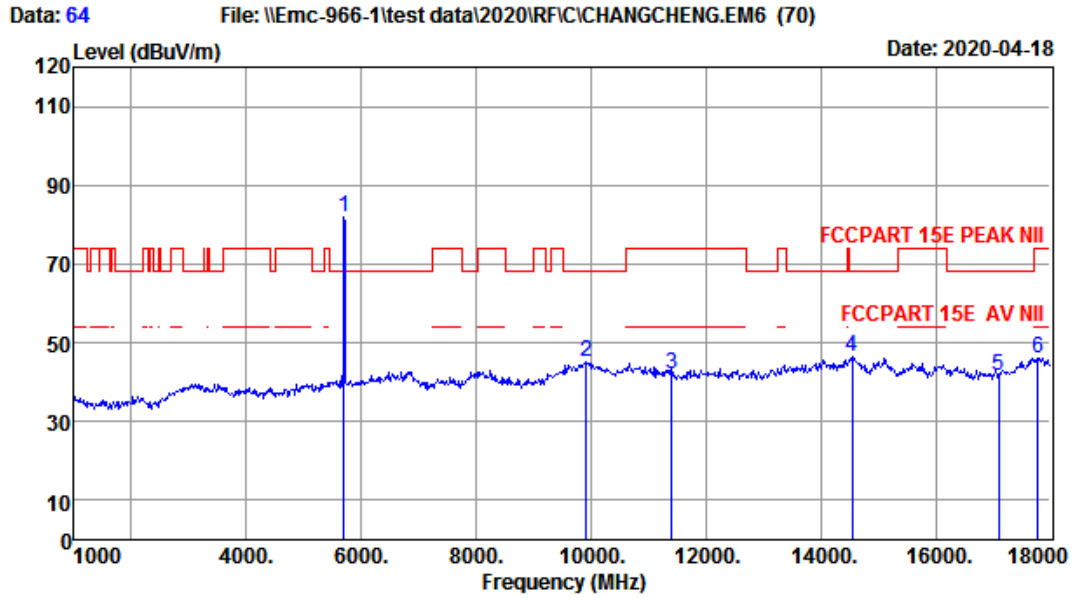

Site no. : 1# 966 Chamber Data no. : 64
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
Limit : FCCPART 15E PEAK NII
Env. / Ins. : Temp:27.3';Humi:54%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"Andriod Tablet
Power : DC5V From Adapter Input AC 120V/60Hz
M/N : 100011886
Test Mode : IEEE 802.11a TX 5700MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5700.00	32.86	3.94	34.42	79.62	82.00	68.20	-13.80	Peak
2	9925.00	38.76	5.84	34.21	34.71	45.10	68.20	23.10	Peak
3	11400.00	39.90	6.14	34.62	30.75	42.17	74.00	31.83	Peak
4	14549.00	40.99	6.89	34.46	33.17	46.59	68.20	21.61	Peak
5	17100.00	41.71	7.52	34.39	26.86	41.70	68.20	26.50	Peak
6	17779.00	47.14	8.10	34.32	25.24	46.16	74.00	27.84	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. Margin= Limit - Emission Level.
3. The emission levels that are 20dB below the official limit are not reported.

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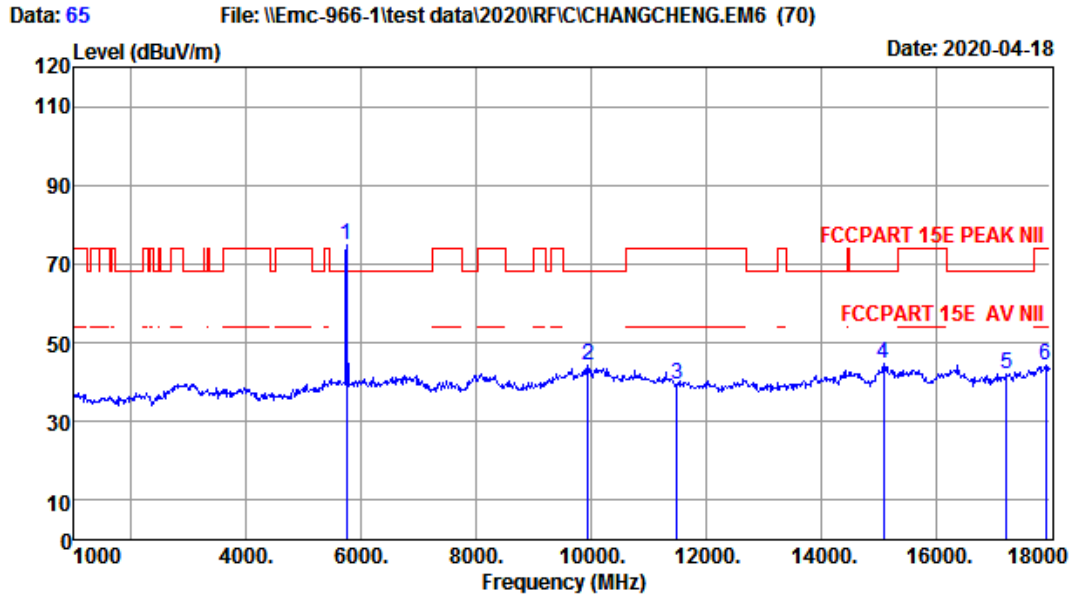

Site no. : 1# 966 Chamber Data no. : 65
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
Limit : FCCPART 15E PEAK NII
Env. / Ins. : Temp:27.3';Humi:54%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"Andriod Tablet
Power : DC5V From Adapter Input AC 120V/60Hz
M/N : 100011886
Test Mode : IEEE 802.11a TX 5745MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5745.00	32.85	4.00	34.40	72.24	74.69	68.20	-6.49	Peak
2	9942.00	38.80	5.85	34.21	33.95	44.39	68.20	23.81	Peak
3	11490.00	39.90	6.15	34.65	27.99	39.39	74.00	34.61	Peak
4	15093.00	40.81	6.74	34.57	31.53	44.51	68.20	23.69	Peak
5	17235.00	42.80	7.65	34.38	26.02	42.09	68.20	26.11	Peak
6	17915.00	48.22	8.18	34.31	22.25	44.34	74.00	29.66	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. Margin= Limit - Emission Level.
3. The emission levels that are 20dB below the official limit are not reported.

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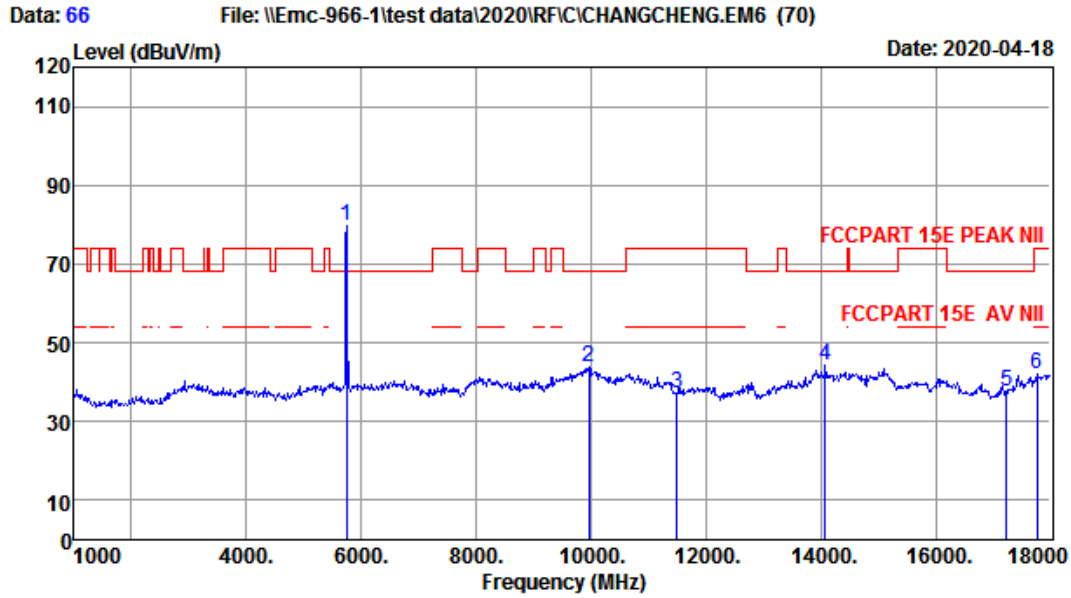

Site no. : 1# 966 Chamber Data no. : 66
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
Limit : FCCPART 15E PEAK NII
Env. / Ins. : Temp:27.3';Humi:54%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"Andriod Tablet
Power : DC5V From Adapter Input AC 120V/60Hz
M/N : 100011886
Test Mode : IEEE 802.11a TX 5745MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5745.00	32.85	4.00	34.40	77.45	79.90	68.20	-11.70	Peak
2	9959.00	38.83	5.86	34.21	33.23	43.71	68.20	24.49	Peak
3	11490.00	39.90	6.15	34.65	25.66	37.06	74.00	36.94	Peak
4	14073.00	41.09	6.58	34.32	30.84	44.19	68.20	24.01	Peak
5	17235.00	42.80	7.65	34.38	21.51	37.58	68.20	30.62	Peak
6	17762.00	47.00	8.09	34.32	21.42	42.19	74.00	31.81	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. Margin= Limit - Emission Level.
3. The emission levels that are 20dB below the official limit are not reported.

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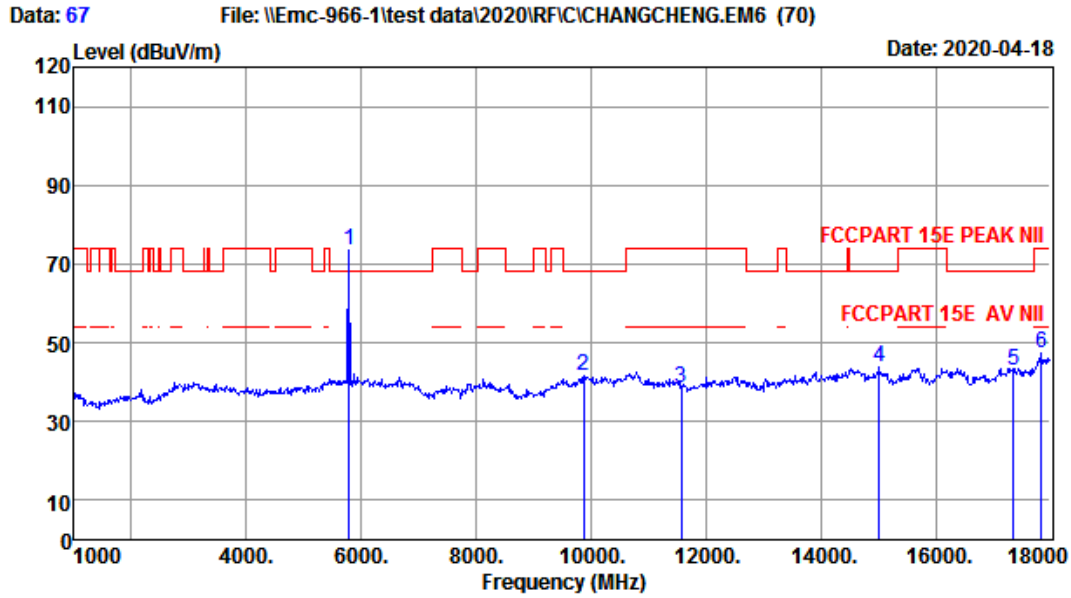

Site no. : 1# 966 Chamber Data no. : 67
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
Limit : FCCPART 15E PEAK NII
Env. / Ins. : Temp:27.3';Humi:54%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"Andriod Tablet
Power : DC5V From Adapter Input AC 120V/60Hz
M/N : 100011886
Test Mode : IEEE 802.11a TX 5785MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5785.00	32.84	4.05	34.39	71.15	73.65	68.20	-5.45	Peak
2	9874.00	38.66	5.80	34.22	31.25	41.49	68.20	26.71	Peak
3	11570.00	39.90	6.12	34.67	27.12	38.47	74.00	35.53	Peak
4	15025.00	40.88	6.80	34.59	30.82	43.91	68.20	24.29	Peak
5	17355.00	43.75	7.77	34.36	25.71	42.87	68.20	25.33	Peak
6	17847.00	47.68	8.14	34.32	25.94	47.44	74.00	26.56	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. Margin= Limit - Emission Level.
3. The emission levels that are 20dB below the official limit are not reported.

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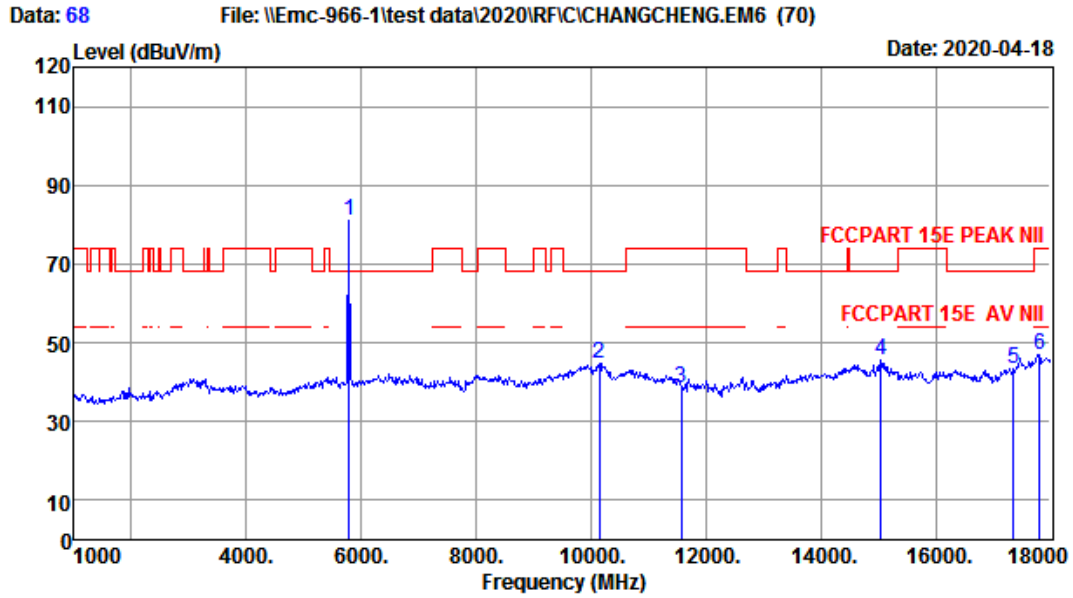

Site no. : 1# 966 Chamber Data no. : 68
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
Limit : FCCPART 15E PEAK NII
Env. / Ins. : Temp:27.3';Humi:54%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"Andriod Tablet
Power : DC5V From Adapter Input AC 120V/60Hz
M/N : 100011886
Test Mode : IEEE 802.11a TX 5785MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5785.00	32.84	4.05	34.39	78.57	81.07	68.20	-12.87	Peak
2	10146.00	39.05	5.93	34.25	34.10	44.83	68.20	23.37	Peak
3	11570.00	39.90	6.12	34.67	27.30	38.65	74.00	35.35	Peak
4	15042.00	40.86	6.78	34.59	32.43	45.48	68.20	22.72	Peak
5	17355.00	43.75	7.77	34.36	26.05	43.21	68.20	24.99	Peak
6	17813.00	47.41	8.12	34.32	25.89	47.10	74.00	26.90	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. Margin= Limit - Emission Level.
3. The emission levels that are 20dB below the official limit are not reported.

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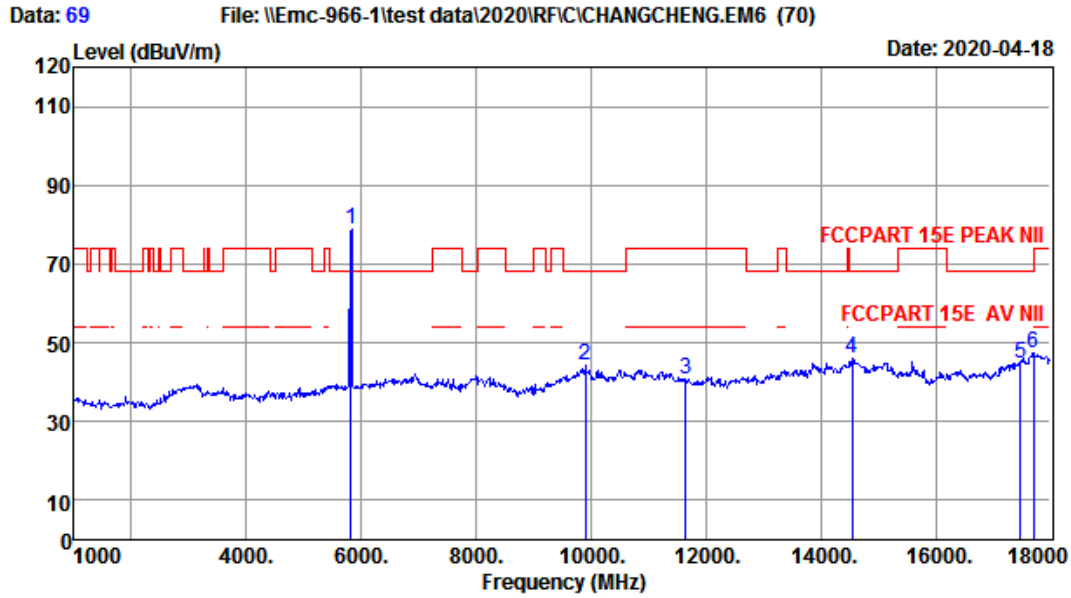

Site no. : 1# 966 Chamber Data no. : 69
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
Limit : FCCPART 15E PEAK NII
Env. / Ins. : Temp:27.3';Humi:54%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"Andriod Tablet
Power : DC5V From Adapter Input AC 120V/60Hz
M/N : 100011886
Test Mode : IEEE 802.11a TX 5825MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5825.00	32.83	4.11	34.37	76.08	78.65	68.20	-10.45	Peak
2	9908.00	38.73	5.82	34.22	33.91	44.24	68.20	23.96	Peak
3	11650.00	39.90	6.08	34.69	29.59	40.88	74.00	33.12	Peak
4	14549.00	40.99	6.89	34.46	32.59	46.01	68.20	22.19	Peak
5	17475.00	44.70	7.89	34.35	26.43	44.67	68.20	23.53	Peak
6	17711.00	46.59	8.05	34.33	27.05	47.36	74.00	26.64	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. Margin= Limit - Emission Level.
3. The emission levels that are 20dB below the official limit are not reported.

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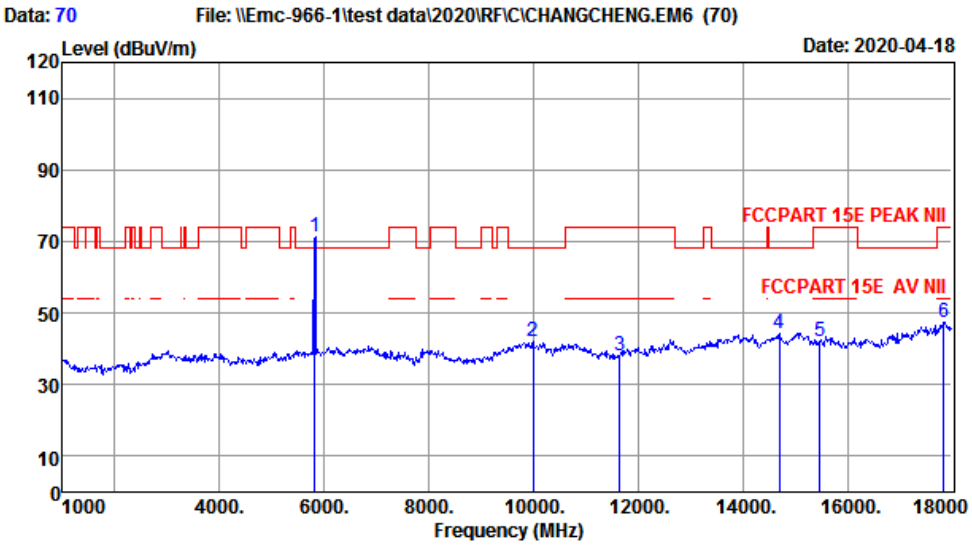


```
Site no.      : 1# 966 Chamber              Data no.  : 70
Dis. / Ant.   : 3m   ANT9120D 1-18G         Ant. pol. : HORIZONTAL
Limit         : FCCPART 15E PEAK NII
Env. / Ins.   : Temp:27.3';Humi:54%;Press:101.52kPa
Engineer      : Seven
EUT           : 10.1"Andriod Tablet
Power         : DC5V From Adapter Input AC 120V/60Hz
M/N           : 100011886
Test Mode     : IEEE 802.11a TX 5825MHz
```

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5825.00	32.83	4.11	34.37	68.67	71.24	68.20	-3.04	Peak
2	9993.00	38.90	5.89	34.20	31.26	41.85	68.20	26.35	Peak
3	11650.00	39.90	6.08	34.69	26.87	38.16	74.00	35.84	Peak
4	14702.00	40.96	6.86	34.51	31.14	44.45	68.20	23.75	Peak
5	15475.00	40.39	6.46	34.41	29.59	42.03	74.00	31.97	Peak
6	17847.00	47.68	8.14	34.32	26.05	47.55	74.00	26.45	Peak

```
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
         2. Margin= Limit - Emission Level.
         3. The emission levels that are 20dB below the official
            limit are not reported.
```

Note:

1. The amplitude of 18GHz to 40GHz spurious emission that is attenuated by more than 20dB below the permissible limit has no need to be reported.
2. All test mode had been pre-test, only Low/Middle/High Channel of the worst case modulation mode was reported

Band Edge

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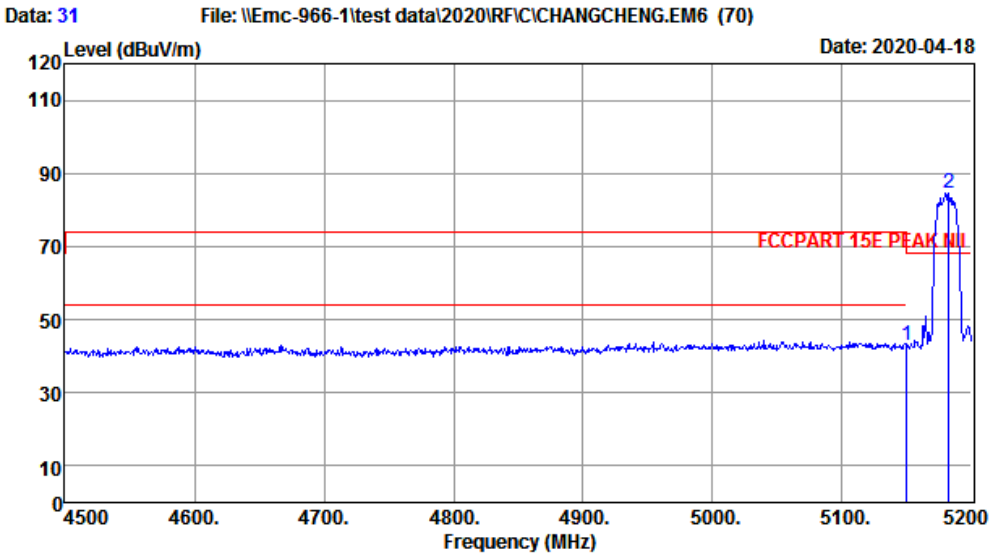

Site no. : 1# 966 Chamber Data no. : 31
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
Limit : FCCPART 15E PEAK NII
Env. / Ins. : Temp:27.3';Humi:54%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"Andriod Tablet
Power : DC5V From Adapter Input AC 120V/60Hz
M/N : 100011886
Test Mode : IEEE 802.11a TX 5180MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5150.00	32.13	3.50	34.64	42.01	43.00	68.20	25.20	Peak
2	5182.50	32.20	3.52	34.63	83.28	84.37	68.20	-16.17	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. Margin= Limit - Emission Level.
3. The emission levels that are 20dB below the official limit are not reported.

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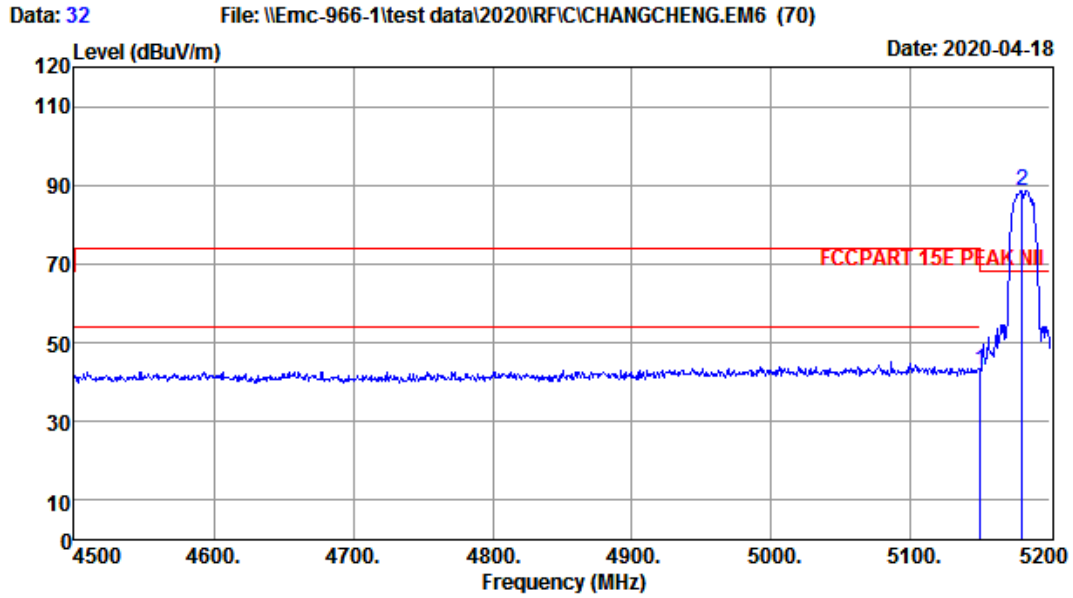

Site no. : 1# 966 Chamber Data no. : 32
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
Limit : FCCPART 15E PEAK NII
Env. / Ins. : Temp:27.3';Humi:54%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"Andriod Tablet
Power : DC5V From Adapter Input AC 120V/60Hz
M/N : 100011886
Test Mode : IEEE 802.11a TX 5180MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5150.00	32.13	3.50	34.64	42.05	43.04	68.20	25.16	Peak
2	5179.70	32.20	3.52	34.63	87.65	88.74	68.20	-20.54	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. Margin= Limit - Emission Level.
3. The emission levels that are 20dB below the official limit are not reported.

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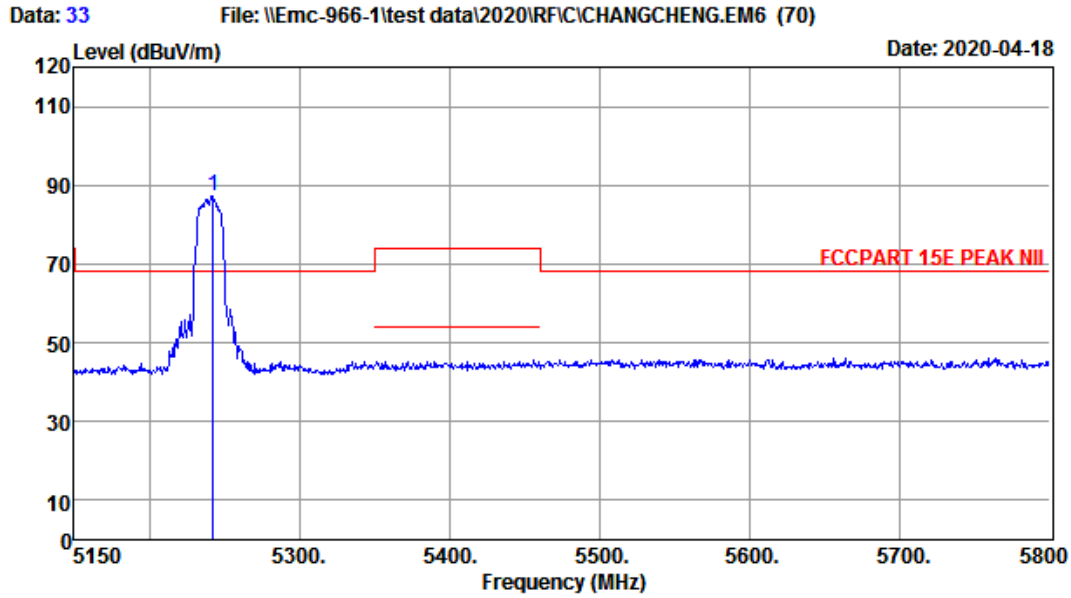

Site no. : 1# 966 Chamber Data no. : 33
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
Limit : FCCPART 15E PEAK NII
Env. / Ins. : Temp:27.3';Humi:54%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"Andriod Tablet
Power : DC5V From Adapter Input AC 120V/60Hz
M/N : 100011886
Test Mode : IEEE 802.11a TX 5240MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5242.30	32.35	3.56	34.60	86.04	87.35	68.20	-19.15	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. Margin= Limit - Emission Level.
3. The emission levels that are 20dB below the official limit are not reported.

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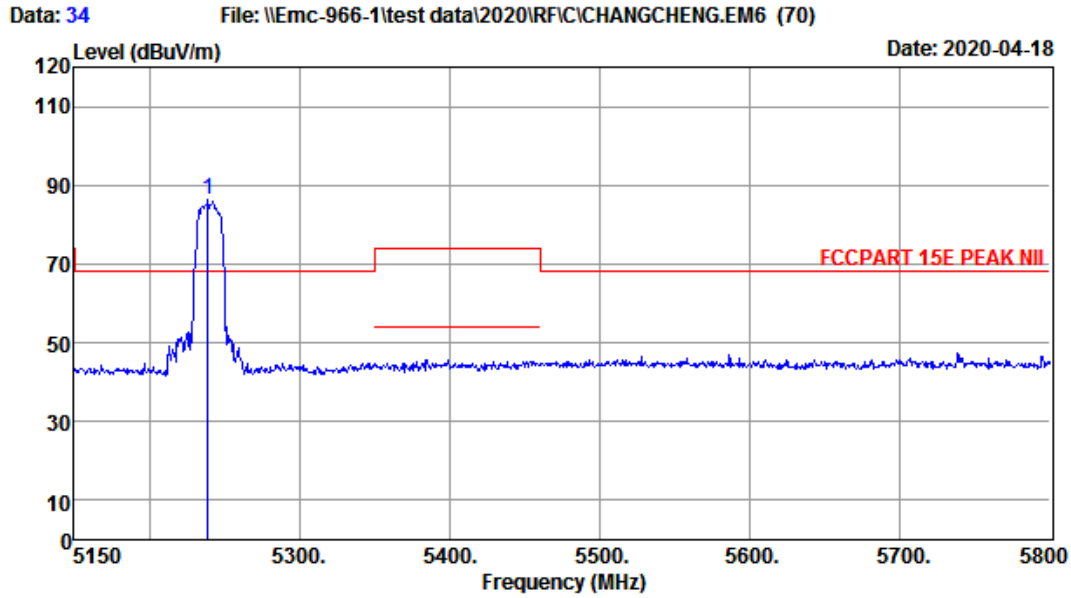

Site no. : 1# 966 Chamber Data no. : 34
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
Limit : FCCPART 15E PEAK NII
Env. / Ins. : Temp:27.3';Humi:54%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"Andriod Tablet
Power : DC5V From Adapter Input AC 120V/60Hz
M/N : 100011886
Test Mode : IEEE 802.11a TX 5240MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5239.05	32.31	3.55	34.61	84.97	86.22	68.20	-18.02	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. Margin= Limit - Emission Level.
3. The emission levels that are 20dB below the official limit are not reported.

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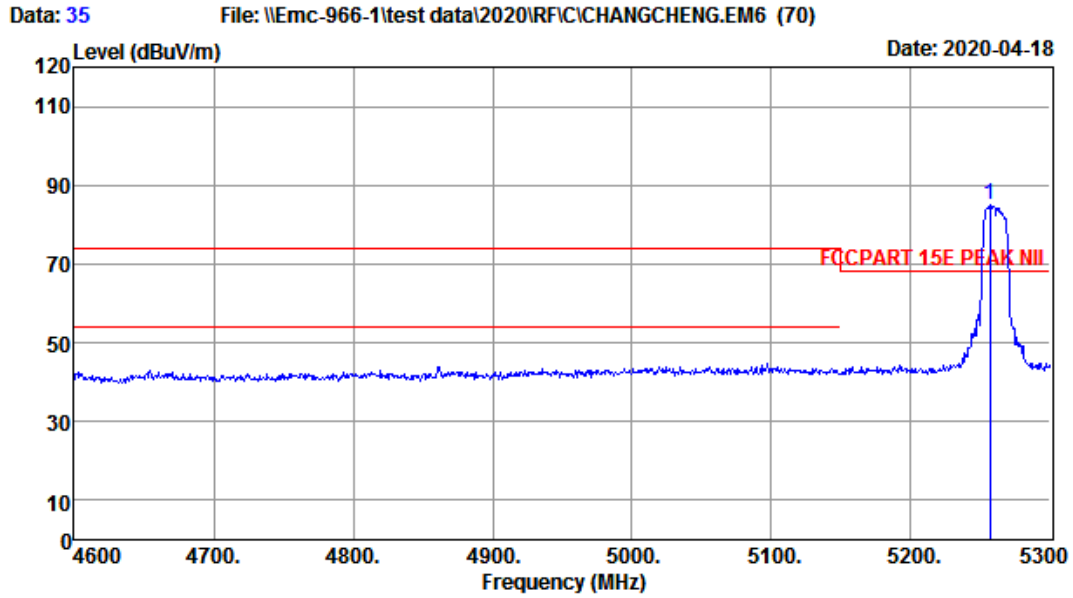

Site no. : 1# 966 Chamber Data no. : 35
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
Limit : FCCPART 15E PEAK NII
Env. / Ins. : Temp:27.3';Humi:54%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"Andriod Tablet
Power : DC5V From Adapter Input AC 120V/60Hz
M/N : 100011886
Test Mode : IEEE 802.11a TX 5260MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5256.60	32.35	3.56	34.60	83.89	85.20	68.20	-17.00	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. Margin= Limit - Emission Level.
3. The emission levels that are 20dB below the official limit are not reported.

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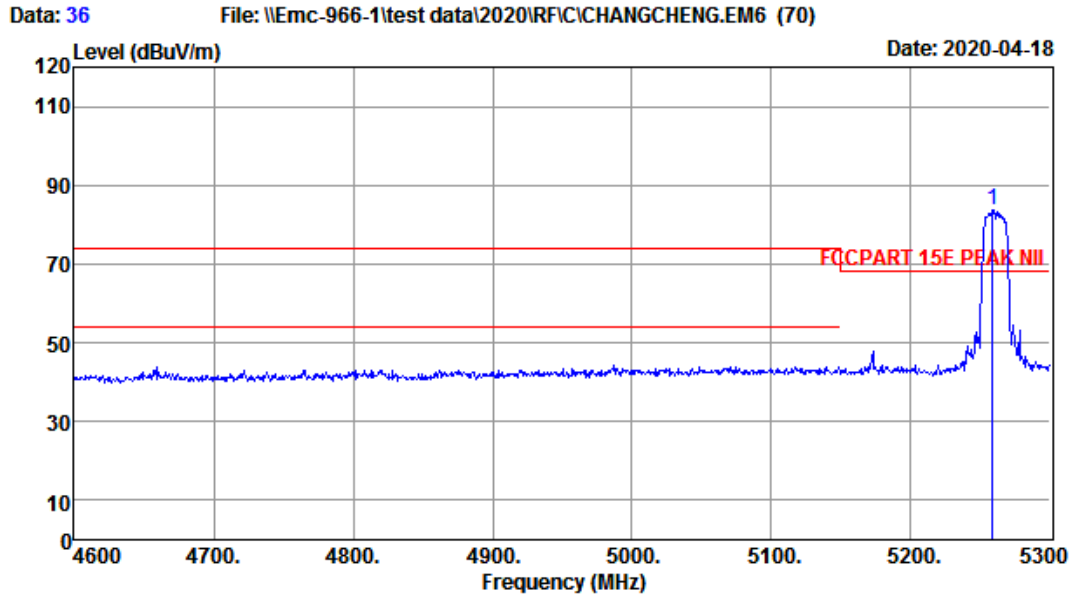

Site no. : 1# 966 Chamber Data no. : 36
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
Limit : FCCPART 15E PEAK NII
Env. / Ins. : Temp:27.3';Humi:54%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"Andriod Tablet
Power : DC5V From Adapter Input AC 120V/60Hz
M/N : 100011886
Test Mode : IEEE 802.11a TX 5260MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5258.70	32.39	3.57	34.59	82.30	83.67	68.20	-15.47	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. Margin= Limit - Emission Level.
3. The emission levels that are 20dB below the official limit are not reported.

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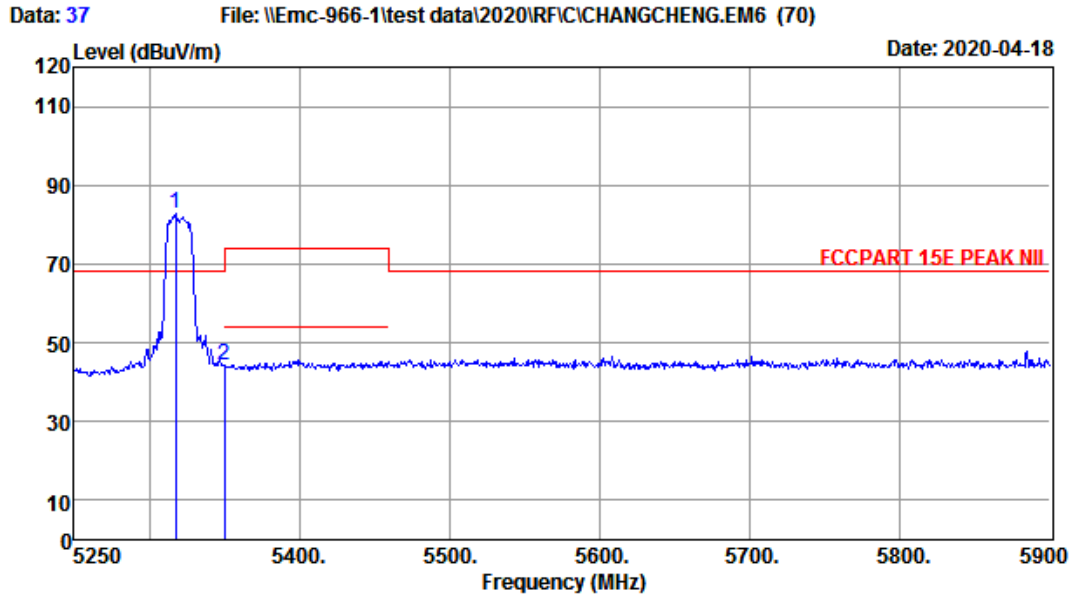

Site no. : 1# 966 Chamber Data no. : 37
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
Limit : FCCPART 15E PEAK NII
Env. / Ins. : Temp:27.3';Humi:54%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"Andriod Tablet
Power : DC5V From Adapter Input AC 120V/60Hz
M/N : 100011886
Test Mode : IEEE 802.11a TX 5320MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5317.60	32.50	3.60	34.57	81.41	82.94	68.20	-14.74	Peak
2	5350.00	32.57	3.62	34.56	42.69	44.32	68.20	23.88	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. Margin= Limit - Emission Level.
3. The emission levels that are 20dB below the official limit are not reported.

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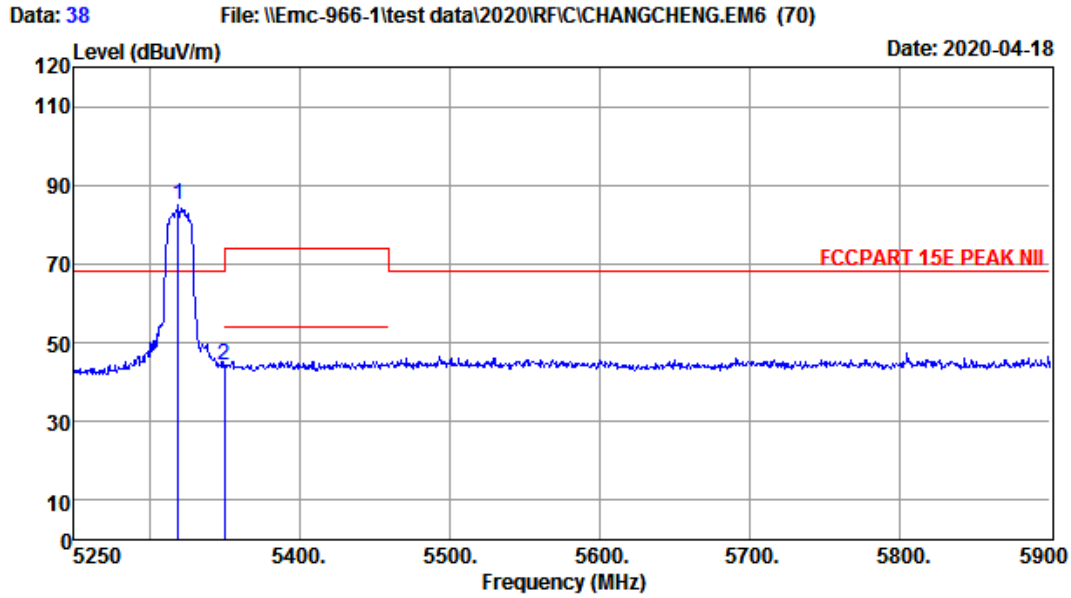

Site no. : 1# 966 Chamber Data no. : 38
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
Limit : FCCPART 15E PEAK NII
Env. / Ins. : Temp:27.3';Humi:54%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"Andriod Tablet
Power : DC5V From Adapter Input AC 120V/60Hz
M/N : 100011886
Test Mode : IEEE 802.11a TX 5320MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5319.55	32.50	3.60	34.57	83.54	85.07	68.20	-16.87	Peak
2	5350.00	32.57	3.62	34.56	42.58	44.21	68.20	23.99	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. Margin= Limit - Emission Level.
3. The emission levels that are 20dB below the official limit are not reported.

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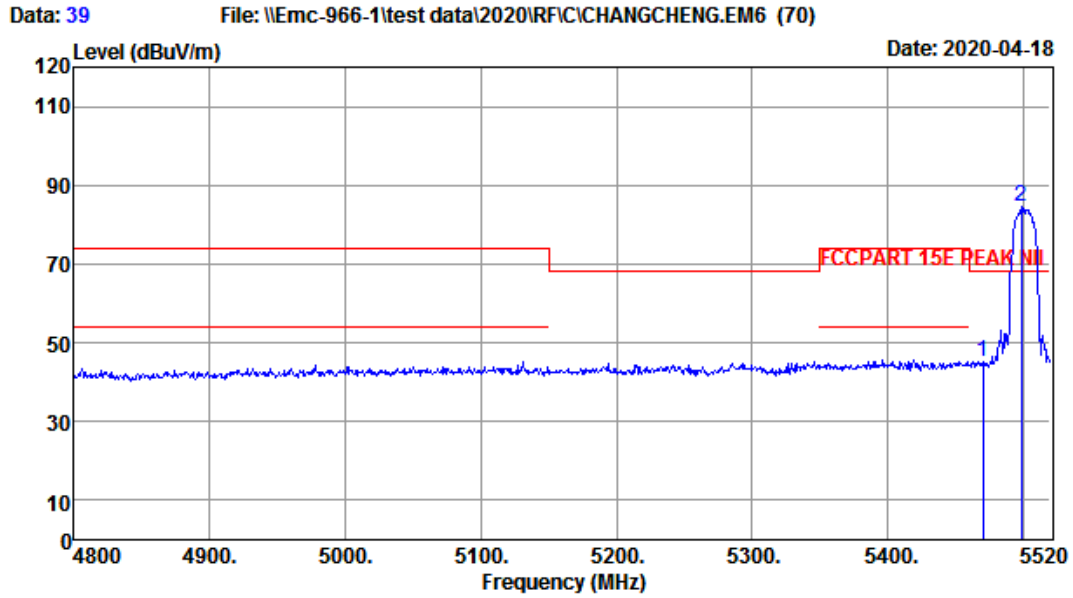

Site no. : 1# 966 Chamber Data no. : 39
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
Limit : FCCPART 15E PEAK NII
Env. / Ins. : Temp:27.3';Humi:54%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"Andriod Tablet
Power : DC5V From Adapter Input AC 120V/60Hz
M/N : 100011886
Test Mode : IEEE 802.11a TX 5500MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5470.00	32.83	3.69	34.51	43.30	45.31	68.20	22.89	Peak
2	5498.40	32.90	3.71	34.50	82.33	84.44	68.20	-16.24	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. Margin= Limit - Emission Level.
3. The emission levels that are 20dB below the official limit are not reported.

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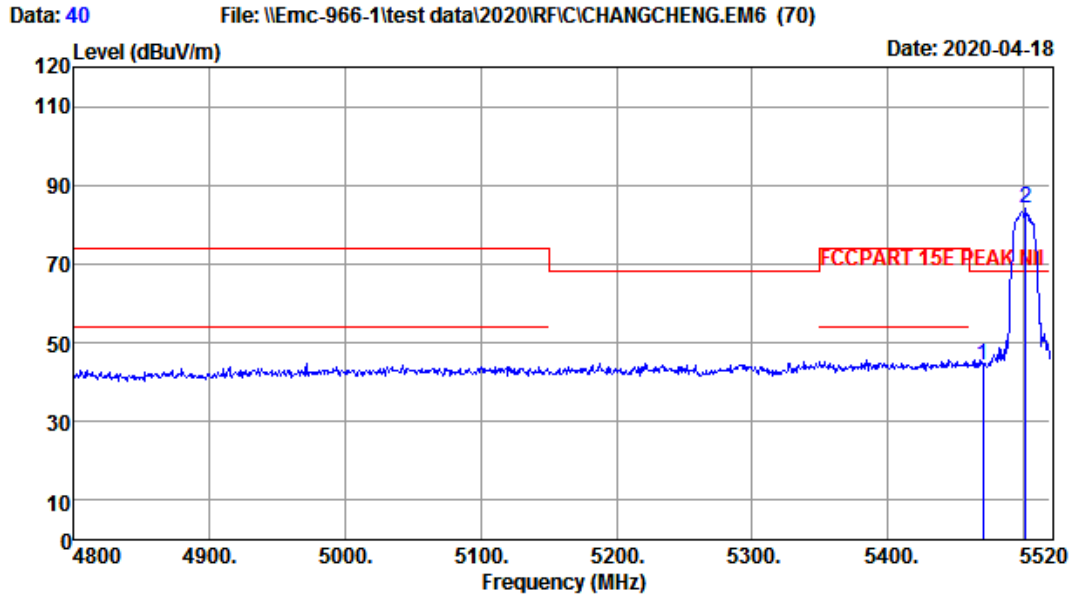

Site no. : 1# 966 Chamber Data no. : 40
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
Limit : FCCPART 15E PEAK NII
Env. / Ins. : Temp:27.3';Humi:54%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"Andriod Tablet
Power : DC5V From Adapter Input AC 120V/60Hz
M/N : 100011886
Test Mode : IEEE 802.11a TX 5500MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5470.00	32.83	3.69	34.51	42.27	44.28	68.20	23.92	Peak
2	5502.00	32.90	3.71	34.50	82.08	84.19	68.20	-15.99	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. Margin= Limit - Emission Level.
3. The emission levels that are 20dB below the official limit are not reported.

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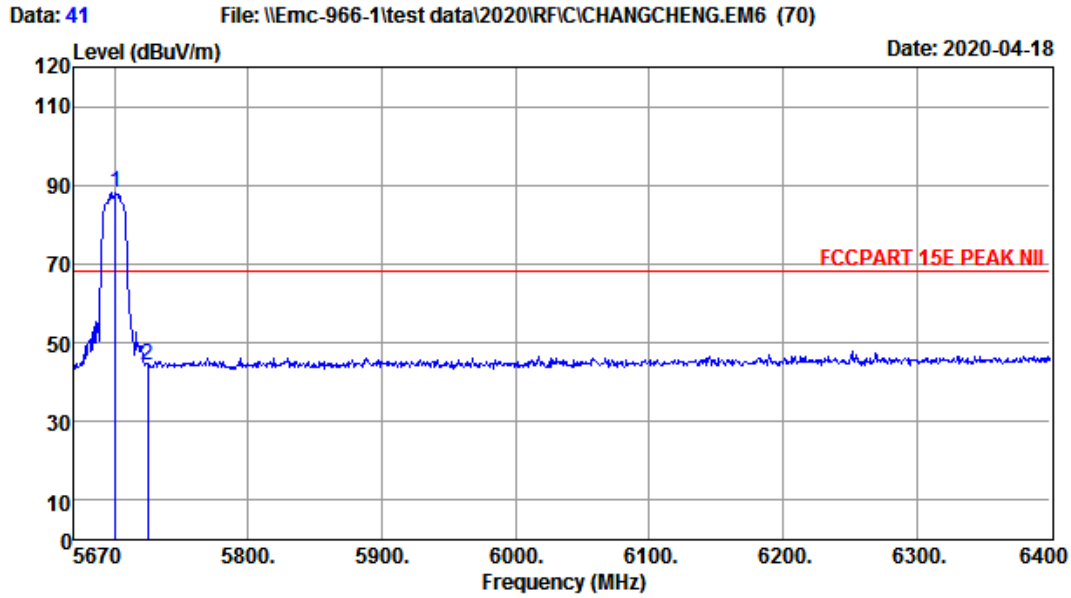

Site no. : 1# 966 Chamber Data no. : 41
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
Limit : FCCPART 15E PEAK NII
Env. / Ins. : Temp:27.3';Humi:54%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"Andriod Tablet
Power : DC5V From Adapter Input AC 120V/60Hz
M/N : 100011886
Test Mode : IEEE 802.11a TX 5700MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5700.66	32.86	3.96	34.42	85.64	88.04	68.20	-19.84	Peak
2	5725.00	32.86	3.98	34.41	42.01	44.44	68.20	23.76	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. Margin= Limit - Emission Level.
3. The emission levels that are 20dB below the official limit are not reported.

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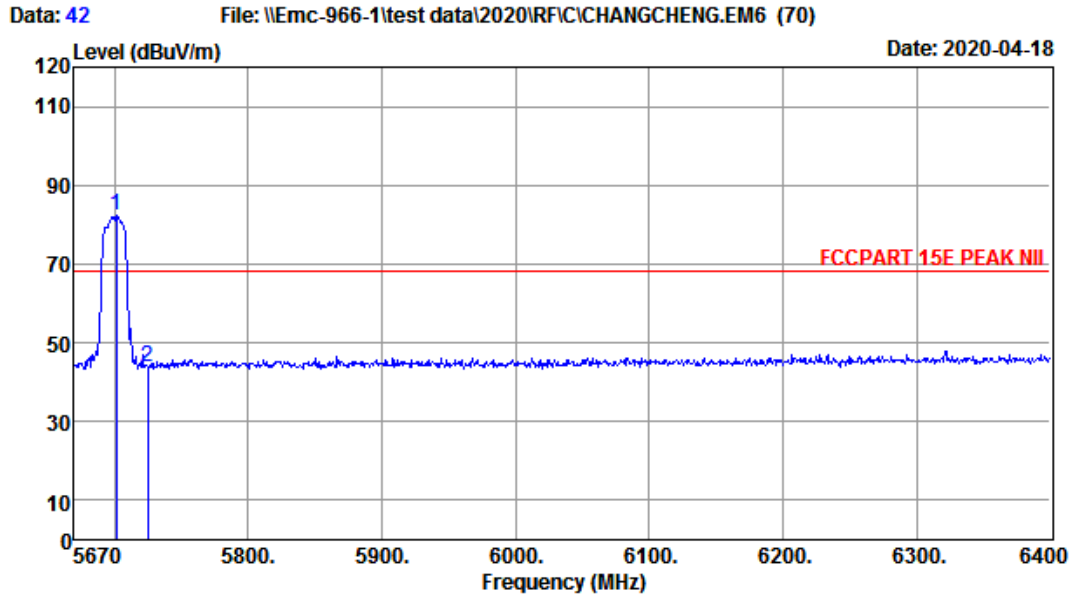

Site no. : 1# 966 Chamber Data no. : 42
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
Limit : FCCPART 15E PEAK NII
Env. / Ins. : Temp:27.3';Humi:54%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"Andriod Tablet
Power : DC5V From Adapter Input AC 120V/60Hz
M/N : 100011886
Test Mode : IEEE 802.11a TX 5700MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5701.39	32.86	3.96	34.42	79.97	82.37	68.20	-14.17	Peak
2	5725.00	32.86	3.98	34.41	41.41	43.84	68.20	24.36	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. Margin= Limit - Emission Level.
3. The emission levels that are 20dB below the official limit are not reported.

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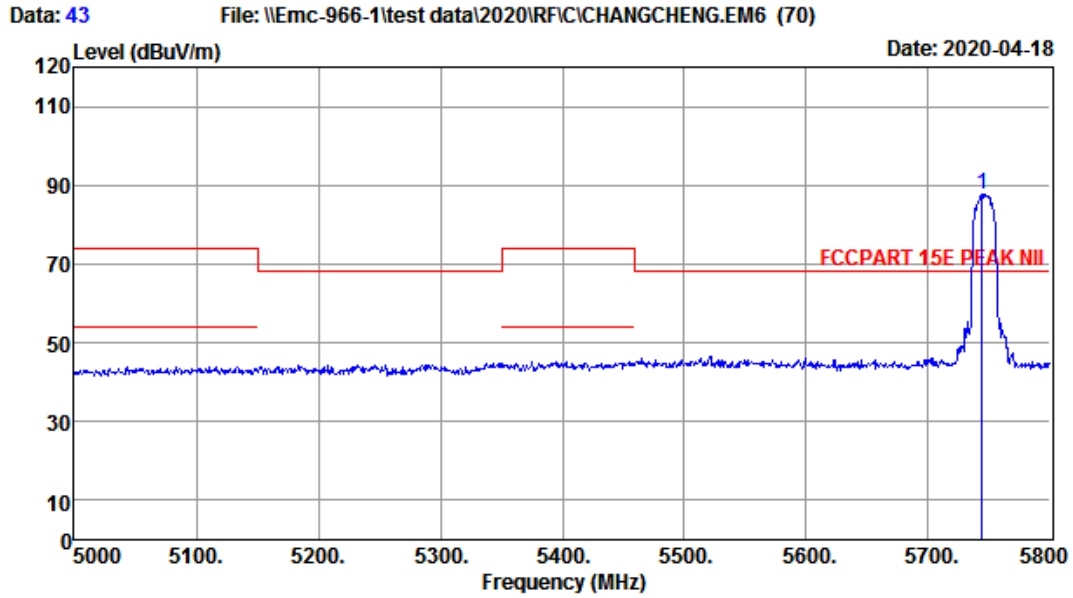

Site no. : 1# 966 Chamber Data no. : 43
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
Limit : FCCPART 15E PEAK NII
Env. / Ins. : Temp:27.3';Humi:54%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"Andriod Tablet
Power : DC5V From Adapter Input AC 120V/60Hz
M/N : 100011886
Test Mode : IEEE 802.11a TX 5745MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5744.00	32.85	4.00	34.40	85.22	87.67	68.20	-19.47	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. Margin= Limit - Emission Level.
3. The emission levels that are 20dB below the official limit are not reported.

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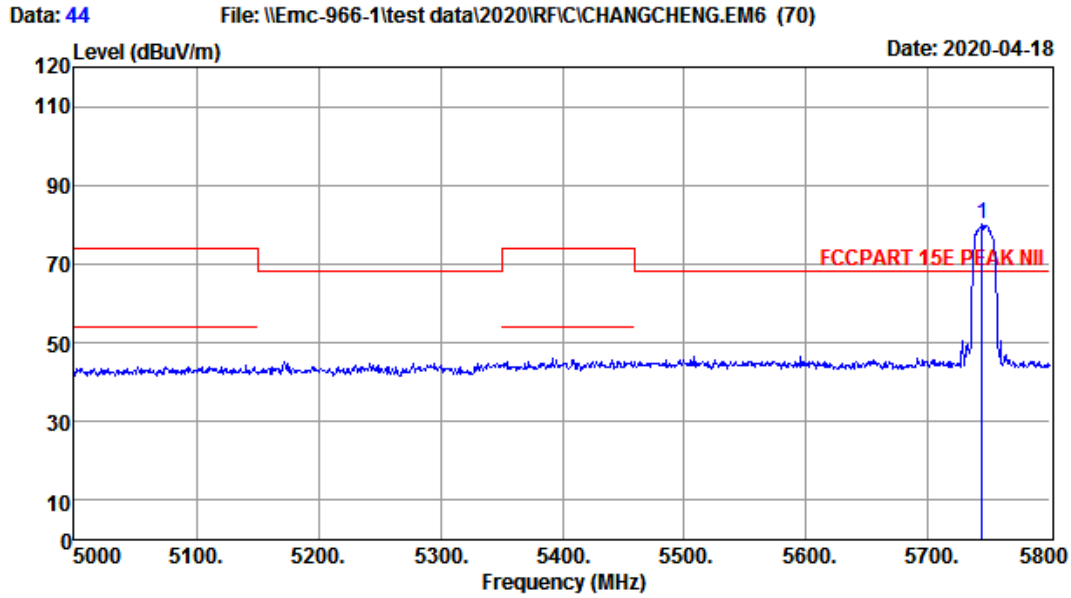

Site no. : 1# 966 Chamber Data no. : 44
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
Limit : FCCPART 15E PEAK NII
Env. / Ins. : Temp:27.3';Humi:54%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"Andriod Tablet
Power : DC5V From Adapter Input AC 120V/60Hz
M/N : 100011886
Test Mode : IEEE 802.11a TX 5745MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5744.00	32.85	4.00	34.40	77.52	79.97	68.20	-11.77	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. Margin= Limit - Emission Level.
3. The emission levels that are 20dB below the official limit are not reported.

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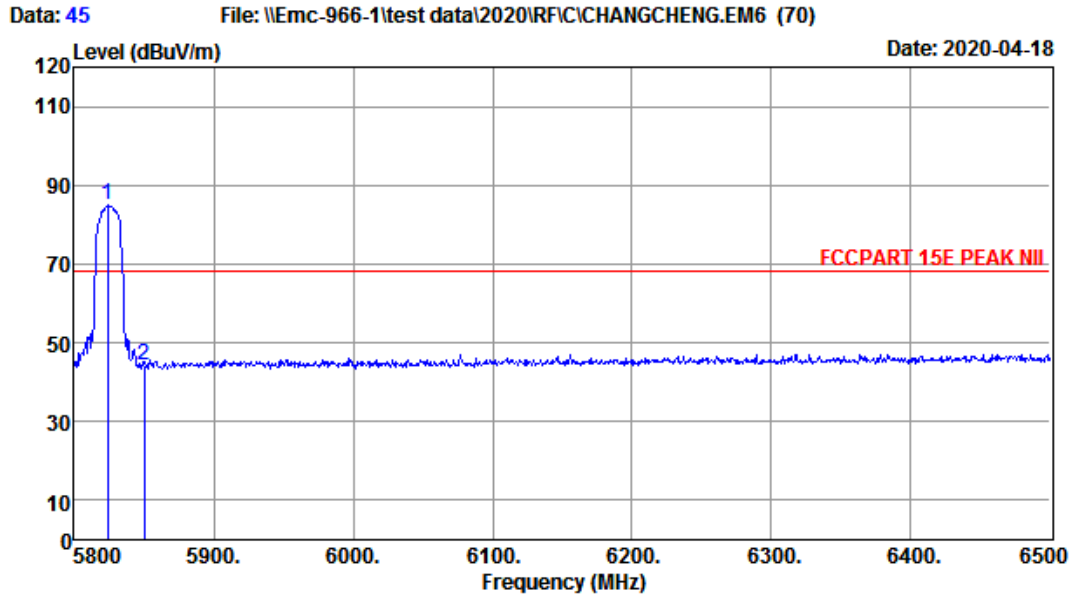

Site no. : 1# 966 Chamber Data no. : 45
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
Limit : FCCPART 15E PEAK NII
Env. / Ins. : Temp:27.3';Humi:54%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"Andriod Tablet
Power : DC5V From Adapter Input AC 120V/60Hz
M/N : 100011886
Test Mode : IEEE 802.11a TX 5825MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5823.80	32.83	4.11	34.37	82.51	85.08	68.20	-16.88	Peak
2	5850.00	32.83	4.13	34.36	41.47	44.07	68.20	24.13	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. Margin= Limit - Emission Level.
3. The emission levels that are 20dB below the official limit are not reported.

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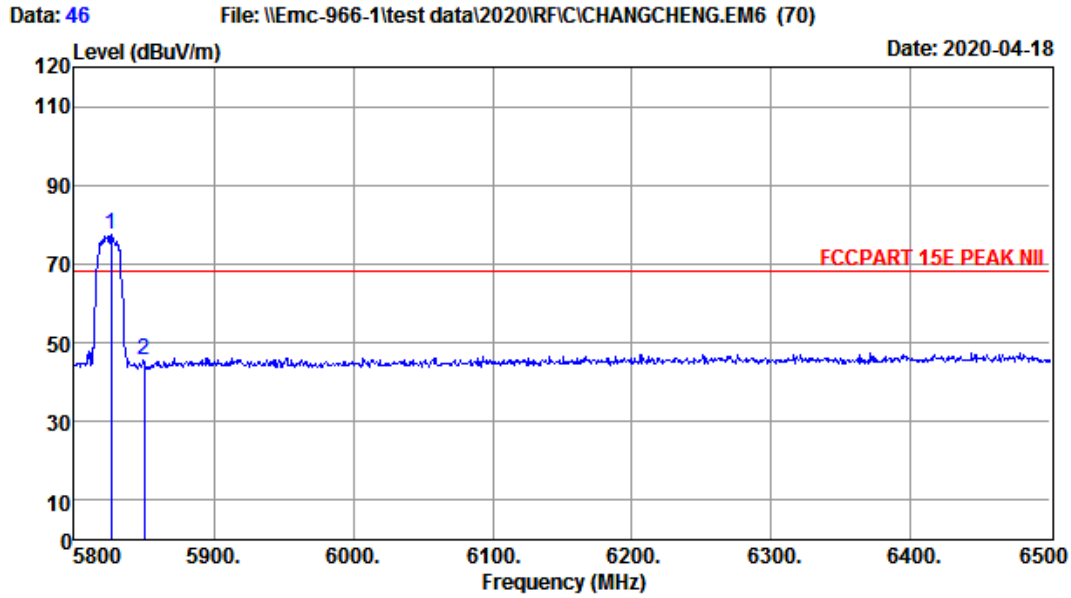
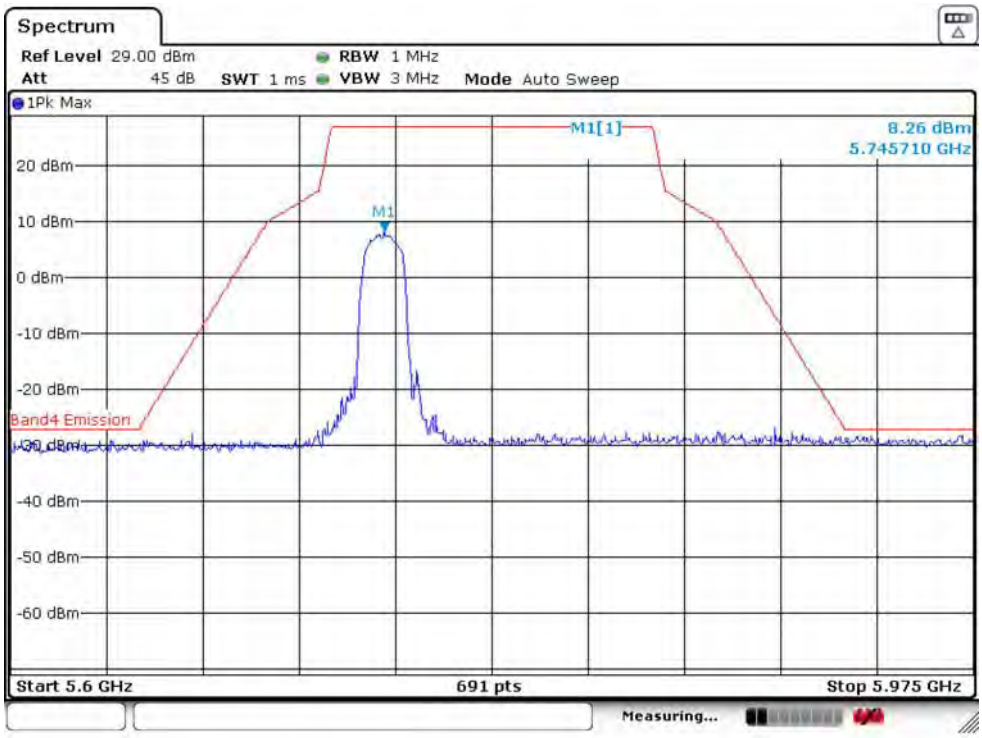
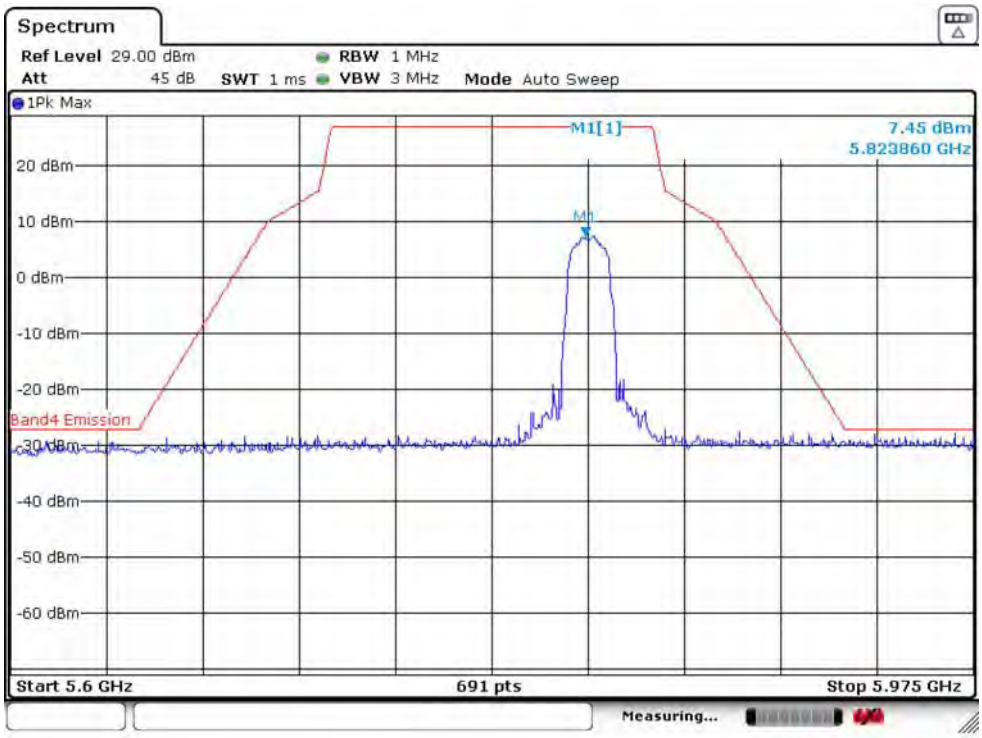


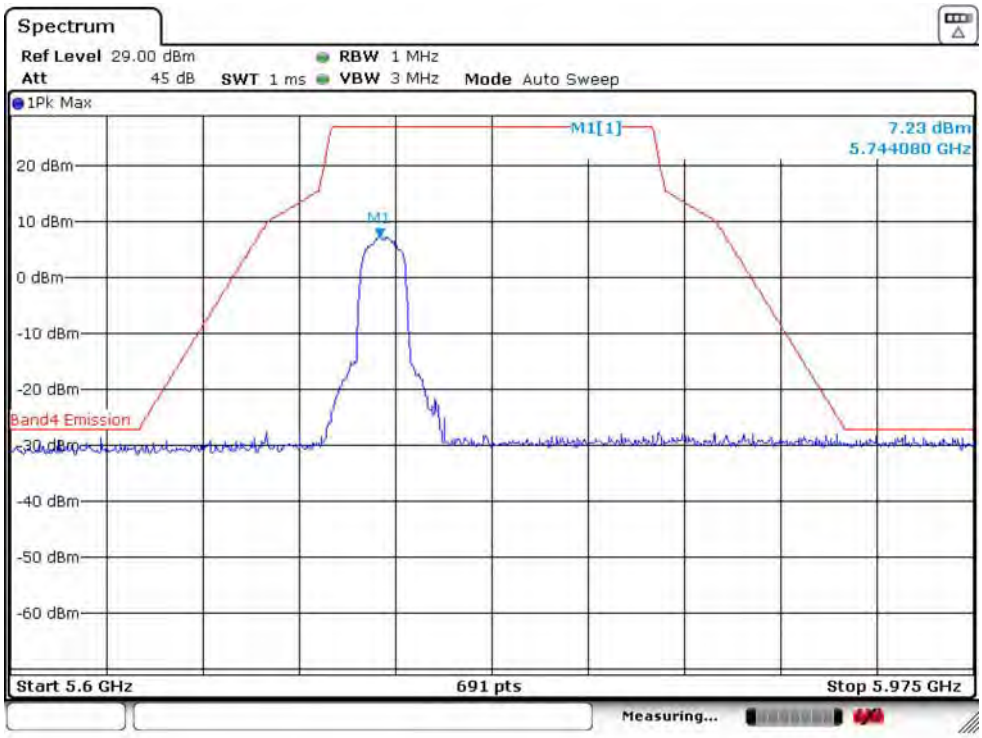
Site no. : 1# 966 Chamber Data no. : 46
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
Limit : FCCPART 15E PEAK NII
Env. / Ins. : Temp:27.3';Humi:54%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"Andriod Tablet
Power : DC5V From Adapter Input AC 120V/60Hz
M/N : 100011886
Test Mode : IEEE 802.11a TX 5825MHz

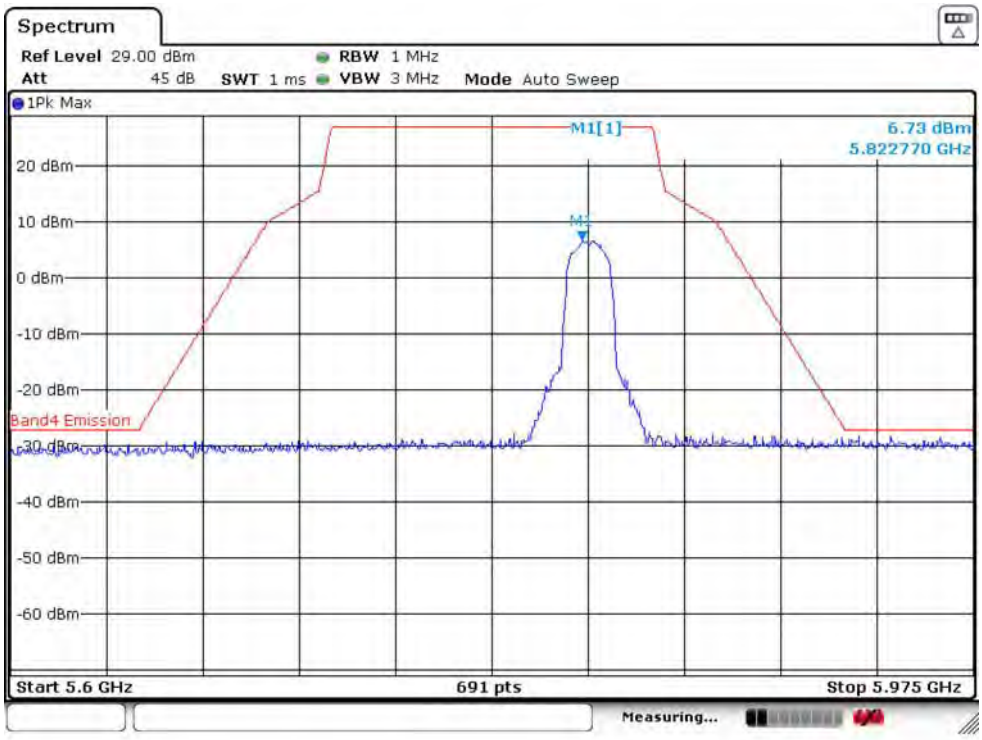
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5826.60	32.83	4.11	34.37	74.74	77.31	68.20	-9.11	Peak
2	5850.00	32.83	4.13	34.36	42.80	45.40	68.20	22.80	Peak

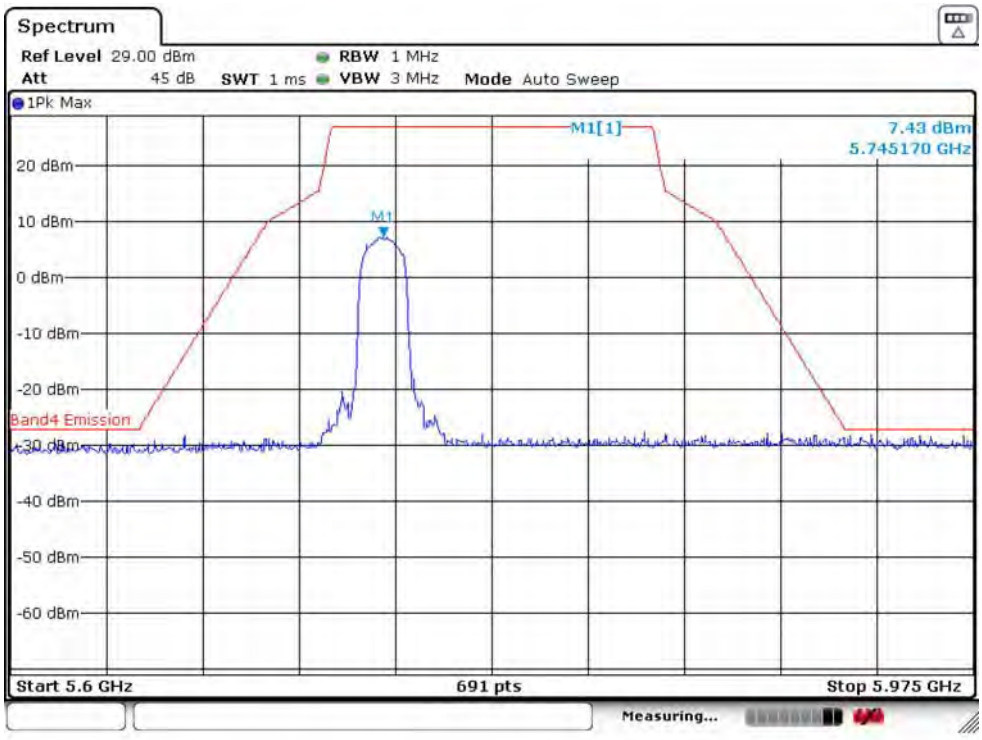
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. Margin= Limit - Emission Level.
3. The emission levels that are 20dB below the official limit are not reported.

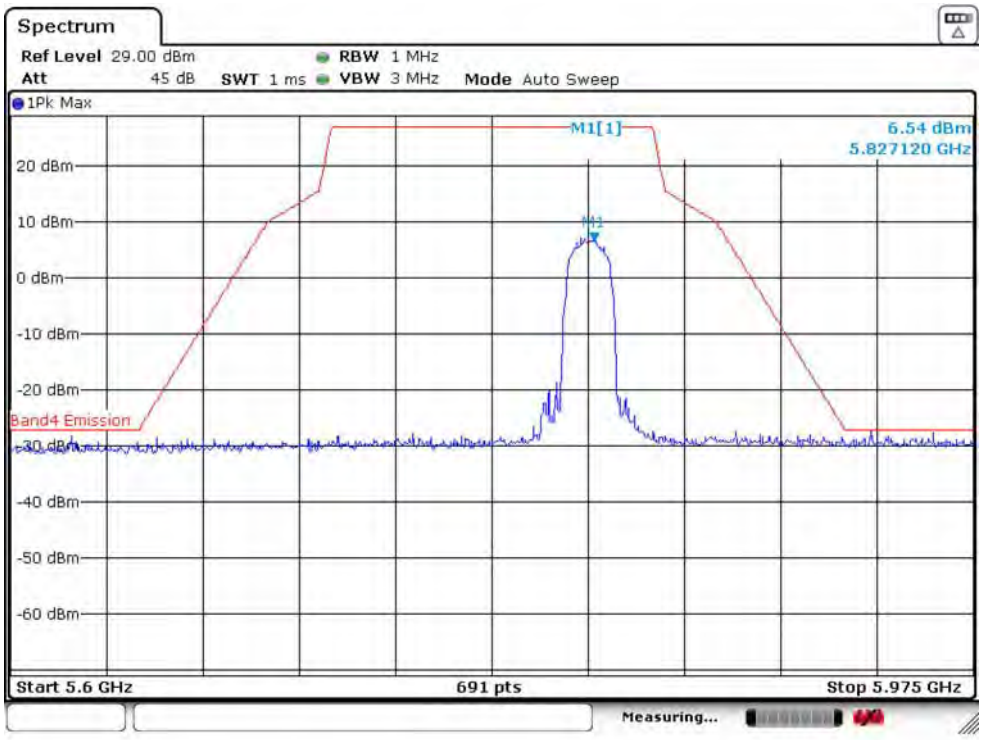

Spectrum
Ref Level 29.00 dBm
RBW 1 MHz
Att 45 dB
SWT 1 ms
VBW 3 MHz
Mode Auto Sweep
1Pk Max
M1[1]
8.26 dBm
5.745710 GHz
M1
20 dBm
10 dBm
0 dBm
-10 dBm
-20 dBm
Band4 Emission
-30 dBm
-40 dBm
-50 dBm
-60 dBm
Start 5.6 GHz
691 pts
Stop 5.975 GHz
Measuring...

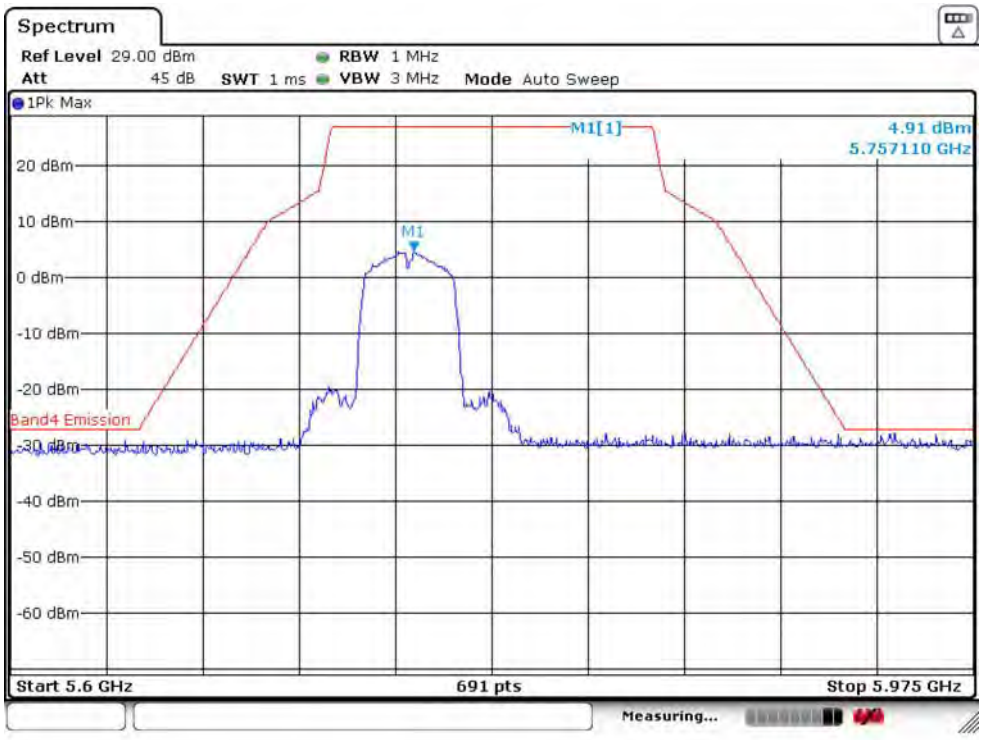

Spectrum
Ref Level 29.00 dBm
RBW 1 MHz
Att 45 dB
SWT 1 ms
VBW 3 MHz
Mode Auto Sweep
1Pk Max
M1[1]
7.45 dBm
5.823860 GHz
M1
20 dBm
10 dBm
0 dBm
-10 dBm
-20 dBm
Band4 Emission
-30 dBm
-40 dBm
-50 dBm
-60 dBm
Start 5.6 GHz
691 pts
Stop 5.975 GHz
Measuring...

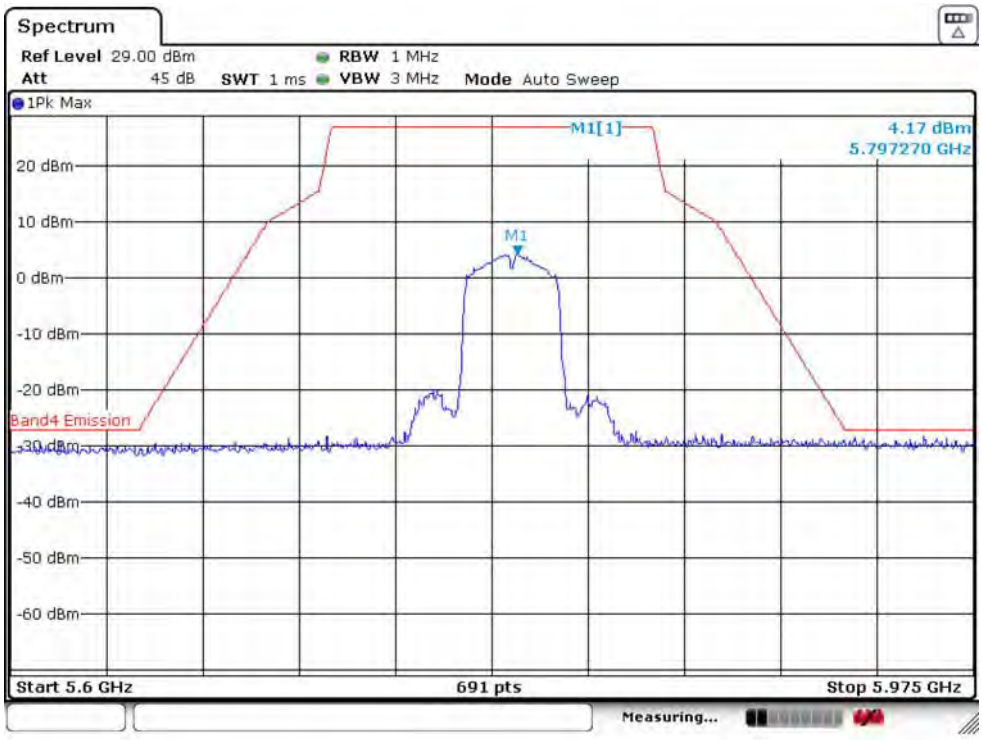

Spectrum
Ref Level 29.00 dBm
RBW 1 MHz
Att 45 dB
SWT 1 ms
VBW 3 MHz
Mode Auto Sweep
1Pk Max
M1[1]
7.23 dBm
5.744080 GHz
M1
20 dBm
10 dBm
0 dBm
-10 dBm
-20 dBm
Band4 Emission
-30 dBm
-40 dBm
-50 dBm
-60 dBm
Start 5.6 GHz
691 pts
Stop 5.975 GHz
Measuring...

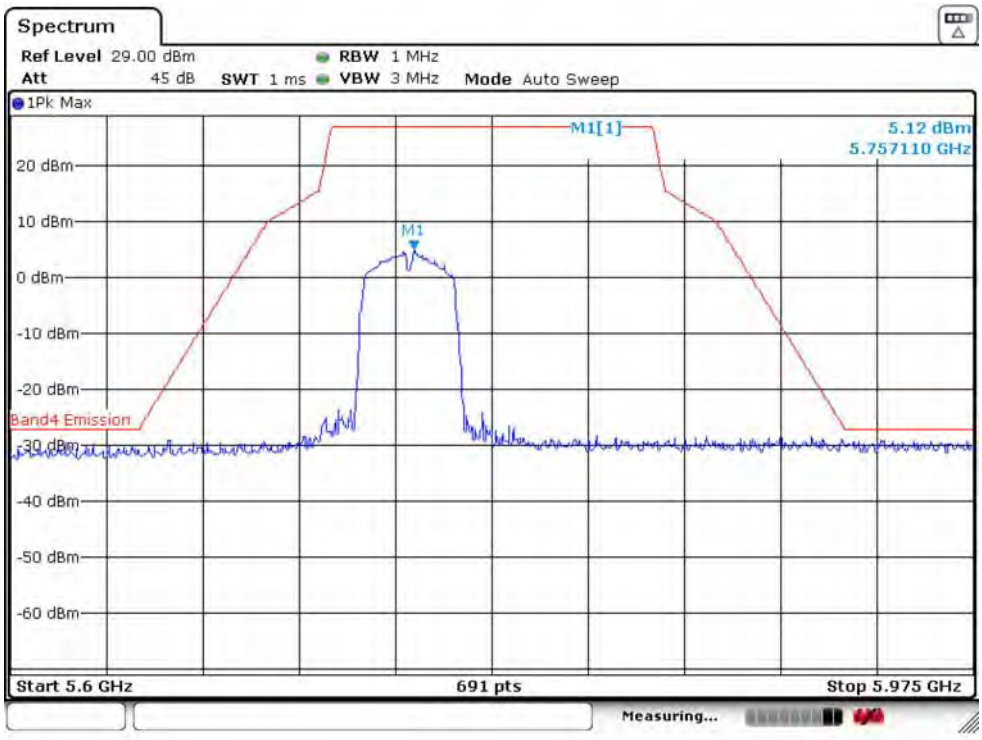

Spectrum
Ref Level 29.00 dBm
RBW 1 MHz
Att 45 dB
SWT 1 ms
VBW 3 MHz
Mode Auto Sweep
1Pk Max
M1[1]
6.73 dBm
5.822770 GHz
M1
20 dBm
10 dBm
0 dBm
-10 dBm
-20 dBm
Band4 Emission
-30 dBm
-40 dBm
-50 dBm
-60 dBm
Start 5.6 GHz
691 pts
Stop 5.975 GHz
Measuring...

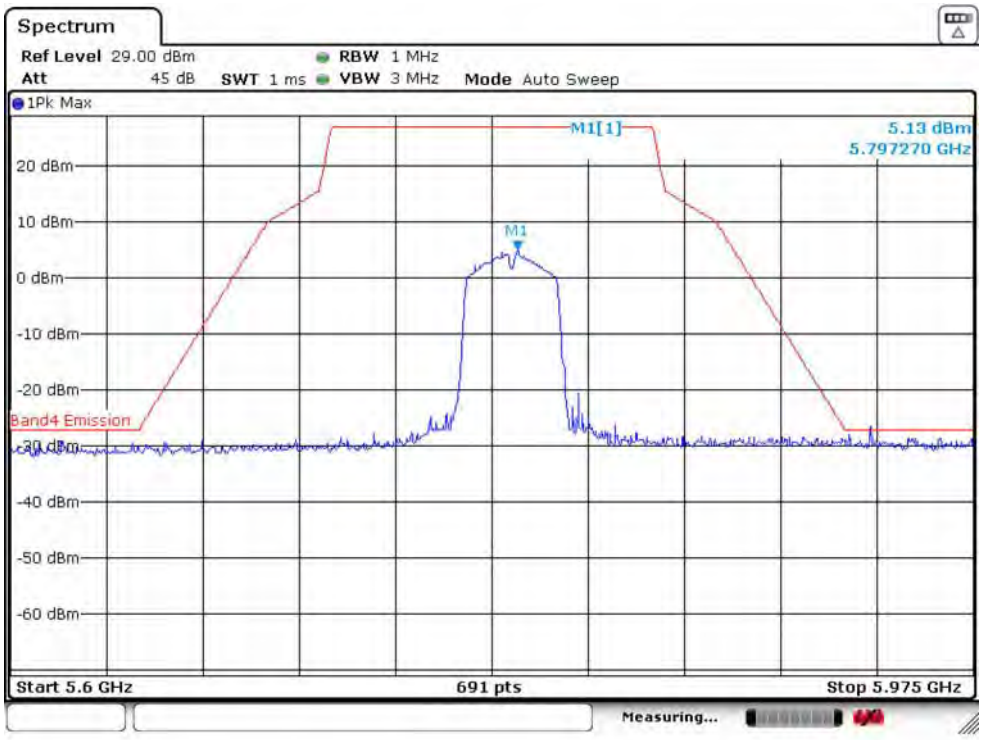

Spectrum
Ref Level 29.00 dBm
RBW 1 MHz
Att 45 dB
SWT 1 ms
VBW 3 MHz
Mode Auto Sweep
1Pk Max
M1[1]
7.43 dBm
5.745170 GHz
M1
20 dBm
10 dBm
0 dBm
-10 dBm
-20 dBm
Band4 Emission
-30 dBm
-40 dBm
-50 dBm
-60 dBm
Start 5.6 GHz
691 pts
Stop 5.975 GHz
Measuring...

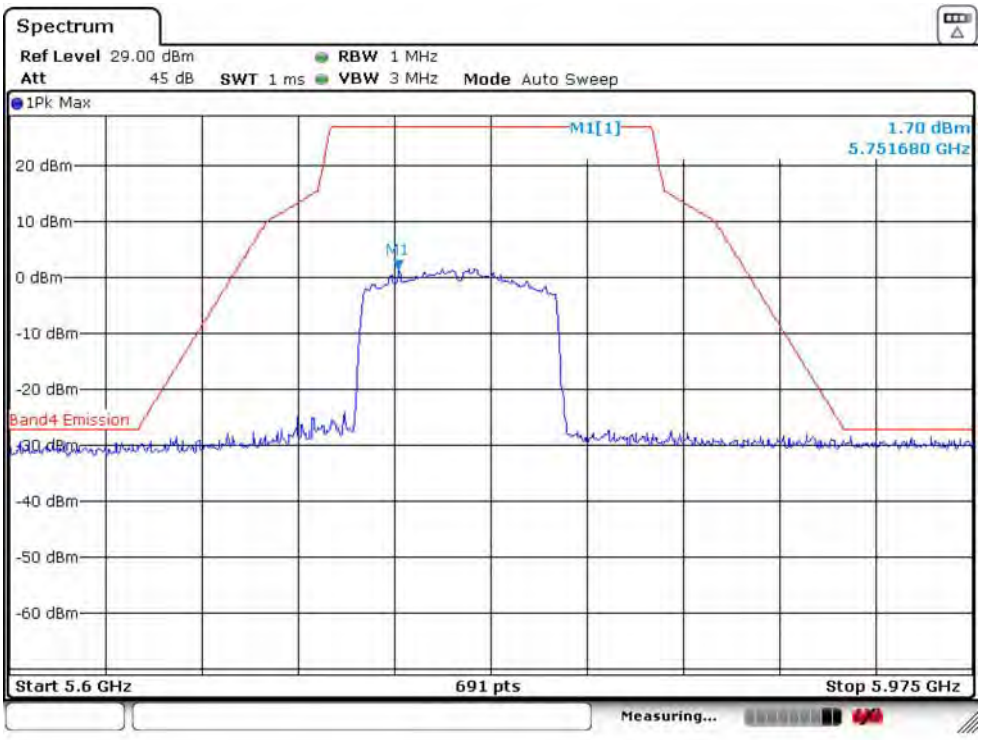

Spectrum
Ref Level 29.00 dBm
RBW 1 MHz
Att 45 dB
SWT 1 ms
VBW 3 MHz
Mode Auto Sweep
1Pk Max
M1[1]
6.54 dBm
5.827120 GHz
M1
20 dBm
10 dBm
0 dBm
-10 dBm
-20 dBm
Band4 Emission
-30 dBm
-40 dBm
-50 dBm
-60 dBm
Start 5.6 GHz
691 pts
Stop 5.975 GHz
Measuring...


Spectrum
Ref Level 29.00 dBm
RBW 1 MHz
Att 45 dB
SWT 1 ms
VBW 3 MHz
Mode Auto Sweep
1Pk Max
M1[1]
4.91 dBm
5.757110 GHz
M1
20 dBm
10 dBm
0 dBm
-10 dBm
-20 dBm
Band4 Emission
-30 dBm
-40 dBm
-50 dBm
-60 dBm
Start 5.6 GHz
691 pts
Stop 5.975 GHz
Measuring...


Spectrum
Ref Level 29.00 dBm
RBW 1 MHz
Att 45 dB
SWT 1 ms
VBW 3 MHz
Mode Auto Sweep
1Pk Max
M1[1]
4.17 dBm
5.797270 GHz
M1
20 dBm
10 dBm
0 dBm
-10 dBm
-20 dBm
Band4 Emission
-30 dBm
-40 dBm
-50 dBm
-60 dBm
Start 5.6 GHz
691 pts
Stop 5.975 GHz
Measuring...


Spectrum
Ref Level 29.00 dBm
RBW 1 MHz
Att 45 dB
SWT 1 ms
VBW 3 MHz
Mode Auto Sweep
1Pk Max
M1[1]
5.12 dBm
5.757110 GHz
M1
20 dBm
10 dBm
0 dBm
-10 dBm
-20 dBm
Band4 Emission
-30 dBm
-40 dBm
-50 dBm
-60 dBm
Start 5.6 GHz
691 pts
Stop 5.975 GHz
Measuring...


Spectrum
Ref Level 29.00 dBm
RBW 1 MHz
Att 45 dB
SWT 1 ms
VBW 3 MHz
Mode Auto Sweep
1Pk Max
M1[1]
5.13 dBm
5.797270 GHz
M1
20 dBm
10 dBm
0 dBm
-10 dBm
-20 dBm
Band4 Emission
-30 dBm
-40 dBm
-50 dBm
-60 dBm
Start 5.6 GHz
691 pts
Stop 5.975 GHz
Measuring...


Spectrum
Ref Level 29.00 dBm
RBW 1 MHz
Att 45 dB
SWT 1 ms
VBW 3 MHz
Mode Auto Sweep
1Pk Max
M1[1]
1.70 dBm
5.751680 GHz
M1
20 dBm
10 dBm
0 dBm
-10 dBm
-20 dBm
Band4 Emission
-30 dBm
-40 dBm
-50 dBm
-60 dBm
Start 5.6 GHz
691 pts
Stop 5.975 GHz
Measuring...

18000MHz-40000MHz

Pass

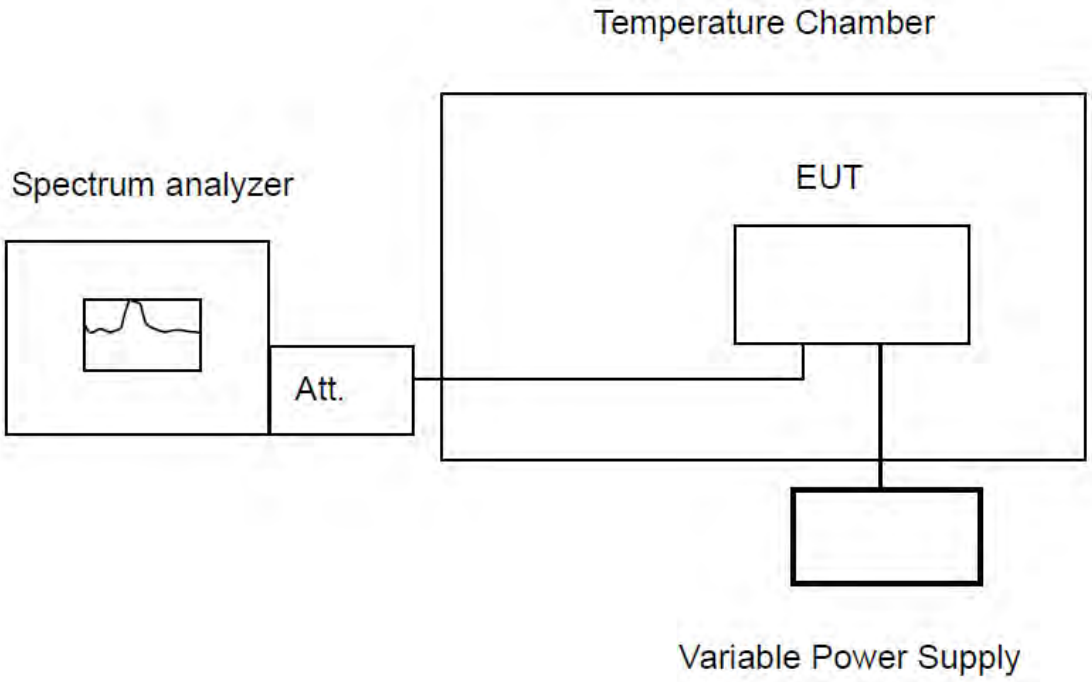
Note: The amplitude of spurious emission that is attenuated by more than 20dB below the permissible limit has no need to be reported.

7. FREQUENCY STABILITY

7.1. Limit

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the operational description.

7.2. Test Setup



7.3. Spectrum Analyzer Setting

Spectrum Parameters	Setting
RBW	10KHz
VBW	10KHz
Span	200KHz
Sweep Time	Auto
Detector	PEAK
Trace Mode	Max Hold

7.4. Test Procedure

For measurement frequency stability under temperature variation :

a. Supply the EUT with a nominal ac voltage or install a new or fully charged battery in the EUT.
b. Turn the EUT OFF and place it inside the environmental temperature chamber.
c. Connect EUT antenna terminal to the spectrum analyzer with RF cable.
d. Spectrum analyzer setting parameters in accordance with section 7.3.
e. Set the temperature control on the chamber to the Specified temperature and allow the oscillator heater and the chamber temperature to stabilize.
f. Turn the EUT ON with the rated voltage, and the EUT transmit continuously with maximum output power.
g. Record the operating frequency at startup, and at 2 minutes, 5 minutes, and 10 minutes after the EUT is energized.
h. Repeat step d through step f to measured the temperature form -20℃ to +50℃ in 10℃ steps.

For frequency stability under voltage variation:

a. Supply the EUT with a nominal ac voltage or install a new or fully charged battery in the EUT.
b. Turn the EUT OFF and place it inside the environmental temperature chamber.
c. Connect EUT antenna terminal to the spectrum analyzer with RF cable.
d. Spectrum analyzer setting parameters in accordance with section 7.3.
e. Unless otherwise specified, set the temperature control on the chamber to the ambient room temperature (+15℃ to +25℃) and allow the oscillator heater and the chamber temperature to stabilize.
f. Turn the EUT ON with the rated voltage, and the EUT transmit continuously with maximum output power.
g. Record the operating frequency.
h. Repeat step d through step f to measured the varied from 85% to 115% of the rated voltage.

7.5. Test Result

Frequency (MHz)	Voltage (V)	Temperature (℃)	Time (minutes)	Measurement Value (MHz)	Frequency Error (ppm)
5180	120	50	0	5180.0020000	0.39
			2	5180.0020000	0.39
			5	5180.0020000	0.39
			10	5180.0020000	0.39
	120	40	0	5180.0000000	0.00
			2	5180.0040000	0.77
			5	5180.0050000	0.97
			10	5180.0050000	0.97
	120	30	0	5180.0050000	0.97
			2	5180.0050000	0.97
			5	5180.0030000	0.58
			10	5180.0030000	0.58
	120	20	0	5180.0030000	0.58
			2	5180.0030000	0.58
			5	5180.0000000	0.00
			10	5180.0010000	0.19
	120	10	0	5180.0010000	0.19
			2	5180.0040000	0.77
			5	5180.0040000	0.77
			10	5180.0000000	0.00
	120	0	0	5180.0090000	1.74
			2	5180.0070000	1.35
			5	5180.0070000	1.35
			10	5180.0070000	1.35
	120	-10	0	5180.0070000	1.35
			2	5180.0060000	1.16
			5	5180.0060000	1.16
			10	5180.0060000	1.16
	120	-20	0	5180.0060000	1.16
			2	5180.0030000	0.58
			5	5180.0030000	0.58
			10	5180.0020000	0.39
	120	20	/	5180.0020000	0.39
	102	20	/	5180.0020000	0.39
	138	20	/	5180.0020000	0.39
	MAX Frquency Error(ppm)				**1.74**

Frequency (MHz)	Voltage (V)	Temperature (℃)	Time (minutes)	Measurement Value (MHz)	Frequency Error (ppm)
5320	120	50	0	5320.0010000	0.19
			2	5320.0010000	0.19
			5	5320.0010000	0.19
			10	5320.0010000	0.19
	120	40	0	5320.0010000	0.19
			2	5320.0040000	0.75
			5	5320.0040000	0.75
			10	5320.0040000	0.75
	120	30	0	5320.0040000	0.75
			2	5320.0040000	0.75
			5	5320.0040000	0.75
			10	5320.0000000	0.00
	120	20	0	5320.0010000	0.19
			2	5320.0010000	0.19
			5	5320.0040000	0.75
			10	5320.0040000	0.75
	120	10	0	5320.0040000	0.75
			2	5320.0040000	0.75
			5	5320.0040000	0.75
			10	5320.0040000	0.75
	120	0	0	5320.0040000	0.75
			2	5320.0020000	0.38
			5	5320.0020000	0.38
			10	5320.0030000	0.56
	120	-10	0	5320.0030000	0.56
			2	5320.0030000	0.56
			5	5320.0030000	0.56
			10	5320.0030000	0.56
	120	-20	0	5320.0070000	1.32
			2	5320.0070000	1.32
			5	5320.0070000	1.32
			10	5320.0001752	0.03
	120	20	/	5320.0080000	1.50
	102	20	/	5320.0080000	1.50
	138	20	/	5320.0080000	1.50
	MAX Frquency Error(ppm)				**1.50**

Frequency (MHz)	Voltage (V)	Temperature (℃)	Time (minutes)	Measurement Value (MHz)	Frequency Error (ppm)
5500	120	50	0	5500.0000000	0.00
			2	5500.0000000	0.00
			5	5500.0010000	0.18
			10	5500.0020000	0.36
	120	40	0	5500.0020000	0.36
			2	5500.0020000	0.36
			5	5500.0020000	0.36
			10	5500.0020000	0.36
	120	30	0	5500.0000000	0.00
			2	5500.0030000	0.55
			5	5500.0010000	0.18
			10	5500.0010000	0.18
	120	20	0	5500.0010000	0.18
			2	5500.0010000	0.18
			5	5500.0010000	0.18
			10	5500.0010000	0.18
	120	10	0	5500.0040000	0.73
			2	5500.0040000	0.73
			5	5500.0030000	0.55
			10	5500.0030000	0.55
	120	0	0	5500.0070000	1.27
			2	5500.0070000	1.27
			5	5500.0060000	1.09
			10	5500.0060000	1.09
	120	-10	0	5500.0060000	1.09
			2	5500.0060000	1.09
			5	5500.0060000	1.09
			10	5500.0050000	0.91
	120	-20	0	5500.0050000	0.91
			2	5500.0050000	0.91
			5	5500.0050000	0.91
			10	5500.0000000	0.00
	120	20	/	5500.0010000	0.18
	102	20	/	5500.0020000	0.36
	138	20	/	5500.0030000	0.55
	MAX Frquency Error(ppm)				**1.27**

Frequency (MHz)	Voltage (V)	Temperature (℃)	Time (minutes)	Measurement Value (MHz)	Frequency Error (ppm)
5745	120	50	0	5745.0000000	0.00
			2	5745.0000000	0.00
			5	5745.0000000	0.00
			10	5745.0010000	0.17
	120	40	0	5745.0020000	0.35
			2	5745.0020000	0.35
			5	5745.0030000	0.52
			10	5745.0030000	0.52
	120	30	0	5745.0030000	0.52
			2	5745.0030000	0.52
			5	5745.0030000	0.52
			10	5745.0030000	0.52
	120	20	0	5745.0010000	0.17
			2	5745.0010000	0.17
			5	5745.0060000	1.04
			10	5745.0060000	1.04
	120	10	0	5745.0060000	1.04
			2	5745.0060000	1.04
			5	5745.0060000	1.04
			10	5745.0080000	1.39
	120	0	0	5745.0080000	1.39
			2	5745.0080000	1.39
			5	5745.0080000	1.39
			10	5745.0080000	1.39
	120	-10	0	5745.0010000	0.17
			2	5745.0010000	0.17
			5	5745.0010000	0.17
			10	5745.0010000	0.17
	120	-20	0	5745.0010000	0.17
			2	5745.0040000	0.70
			5	5745.0040000	0.70
			10	5745.0030000	0.52
	120	20	/	5745.0000000	0.00
	102	20	/	5745.0010000	0.17
	138	20	/	5745.0010000	0.17
	MAX Frquency Error(ppm)				**0.03**

8. AC POWER LINE CONDUCTED EMISSIONS

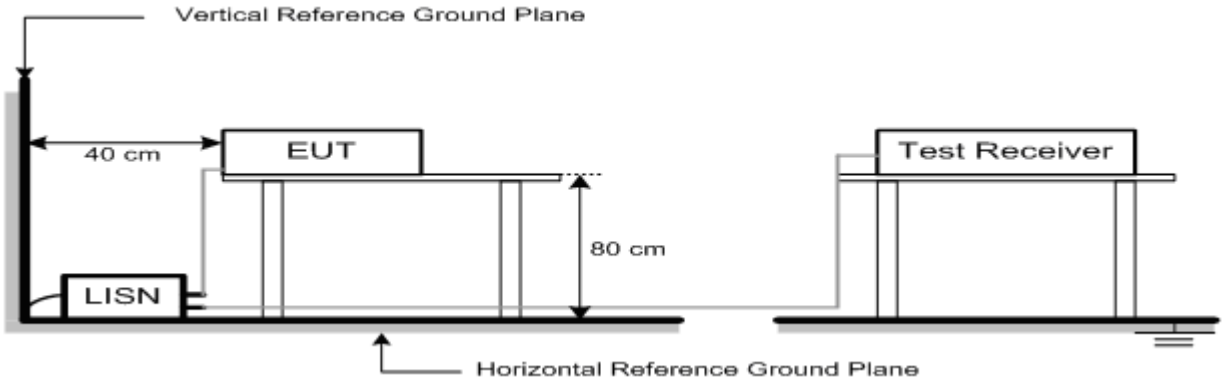
8.1. Limit

Frequency			Maximum RF Line Voltage	
			Quasi-Peak Level dB(μV)	Average Level dB(μV)
150kHz	~	500kHz	66 ~ 56*	56 ~ 46*
500kHz	~	5MHz	56	46
5MHz	~	30MHz	60	50

Notes:

1. * Decreasing linearly with logarithm of frequency.
2. The lower limit shall apply at the transition frequencies.

8.2. Test Setup



8.3. Spectrum Analyzer Setting

Spectrum Parameters	Setting
RBW	9KHz
VBW	9KHz
Start frequency	150KHz
Stop frequency	30MHz
Sweep Time	Auto
Detector	QP/AVG
Trace Mode	Max Hold

8.4. Test Procedure

a. The EUT was placed on a non-metallic table, 80cm above the ground plane.
b. The EUT Power connected to the power mains through a line impedance stabilization network.
c. Provides a 50 ohm coupling impedance for the EUT (Please refer the block diagram of the test setup and photographs).
d. Set the EUT transmit continuously with maximum output power.
e. Spectrum analyzer setting parameters in accordance with section 8.3.
f. The 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 ANSI C63.10: 2013 on Conducted Emission Test.
g. Record the results in the test report.

8.5. Test Result

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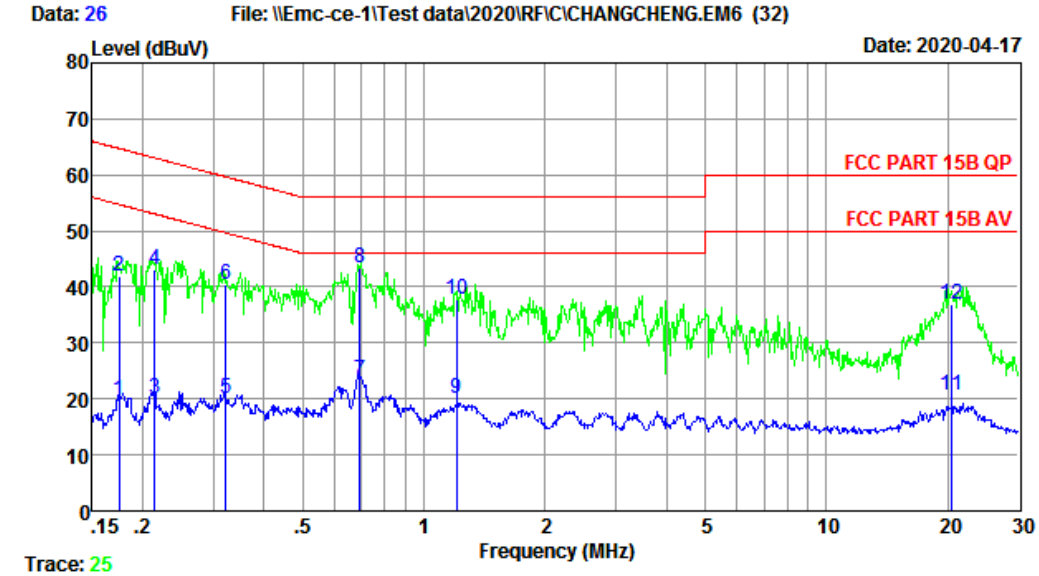

Site no : 844 Shield Room Data no. : 26
Env. / Ins. : Temp:23.5'C Humi:58% Press:101.50kPa LINE Phase : NEUTRAL
Limit : FCC PART 15B QP
Engineer : Zero
EUT : 10.1"Android Tablet
Power : DC 5V From Adapter Input AC 240V/60Hz
M/N : 100011886
Test Mode : TX Mode

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuv)	Limits (dBuv)	Margin (dB)	Remark
1	0.17	9.69	9.77	0.30	19.76	54.72	34.96	Average
2	0.17	9.69	9.77	22.43	41.89	64.72	22.83	QP
3	0.21	9.70	9.84	0.52	20.06	53.05	32.99	Average
4	0.21	9.70	9.84	23.66	43.20	63.05	19.85	QP
5	0.32	9.73	9.92	0.43	20.08	49.66	29.58	Average
6	0.32	9.73	9.92	20.65	40.30	59.66	19.36	QP
7	0.69	9.75	9.93	3.52	23.20	46.00	22.80	Average
8	0.69	9.75	9.93	23.65	43.33	56.00	12.67	QP
9	1.20	9.67	9.94	0.58	20.19	46.00	25.81	Average
10	1.20	9.67	9.94	18.13	37.74	56.00	18.26	QP
11	20.49	9.63	10.16	0.73	20.52	50.00	29.48	Average
12	20.49	9.63	10.16	17.21	37.00	60.00	23.00	QP

Remarks: 1. Emission Level= LISN Factor + Cable Loss + Reading.
2. Margin=Limit - Emission Level.
3. If the average limit is met when using a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.

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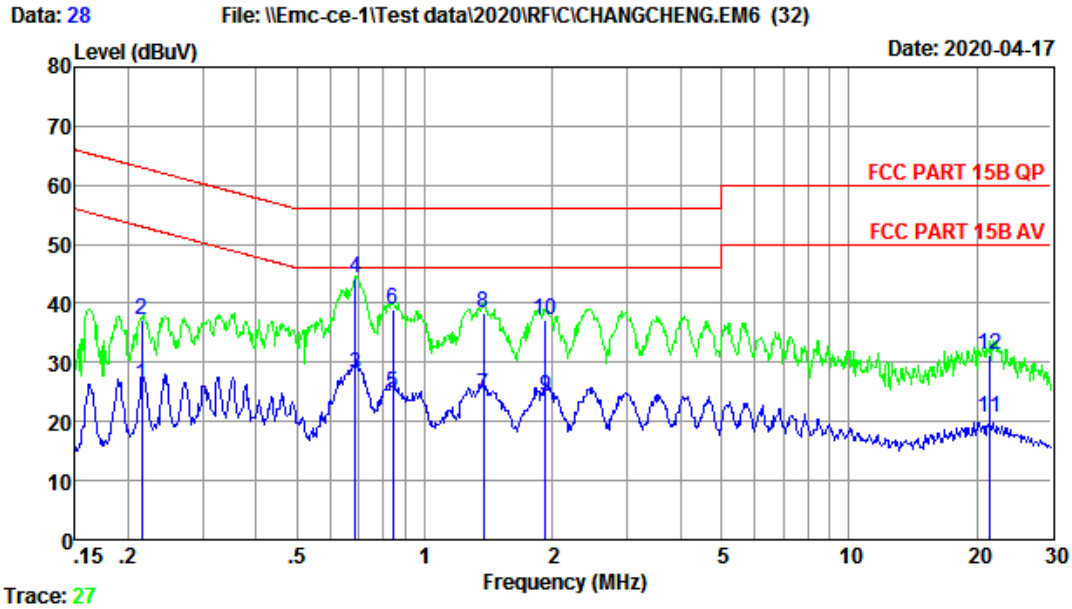

Site no : 844 Shield Room Data no. : 28
Env. / Ins. : Temp:23.5'C Humi:58% Press:101.50kPa LINE Phase : LINE
Limit : FCC PART 15B QP
Engineer : Zero
EUT : 10.1"Android Tablet
Power : DC 5V From Adapter Input AC 240V/60Hz
M/N : 100011886
Test Mode : TX Mode

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuv)	Limits (dBuv)	Margin (dB)	Remark
1	0.22	9.75	9.84	6.69	26.28	53.01	26.73	Average
2	0.22	9.75	9.84	17.56	37.15	63.01	25.86	QP
3	0.69	9.80	9.93	8.32	28.05	46.00	17.95	Average
4	0.69	9.80	9.93	24.41	44.14	56.00	11.86	QP
5	0.84	9.80	9.93	4.97	24.70	46.00	21.30	Average
6	0.84	9.80	9.93	19.34	39.07	56.00	16.93	QP
7	1.37	9.79	9.95	4.90	24.64	46.00	21.36	Average
8	1.37	9.79	9.95	18.78	38.52	56.00	17.48	QP
9	1.93	9.80	9.96	4.44	24.20	46.00	21.80	Average
10	1.93	9.80	9.96	17.53	37.29	56.00	18.71	QP
11	21.49	9.86	10.16	0.79	20.81	50.00	29.19	Average
12	21.49	9.86	10.16	11.13	31.15	60.00	28.85	QP

Remarks: 1. Emission Level= LISN Factor + Cable Loss + Reading.
2. Margin=Limit - Emission Level.
3. If the average limit is met when using a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.

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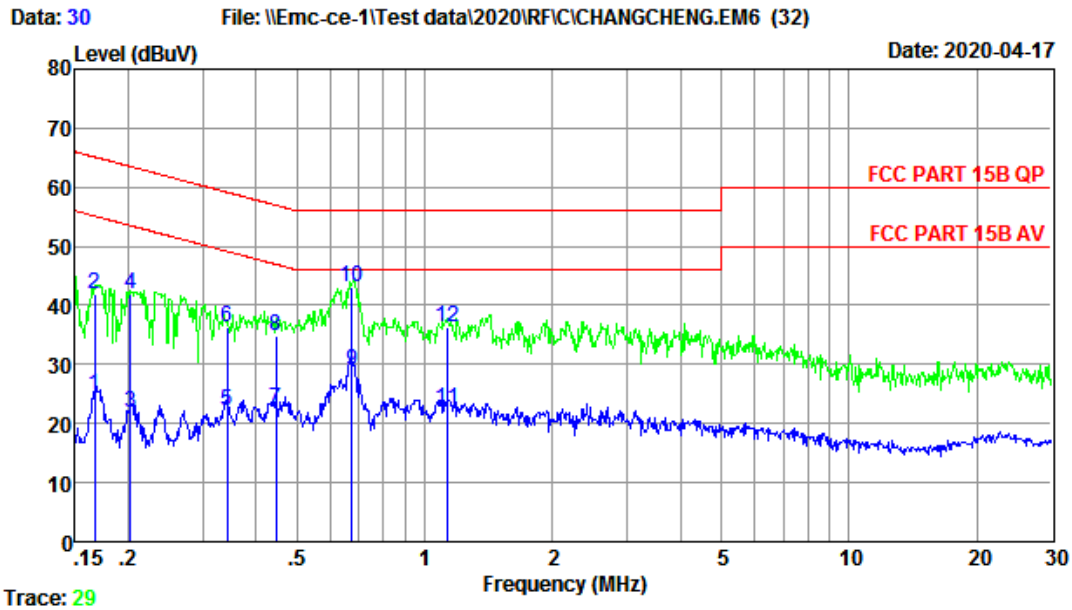

Site no : 844 Shield Room Data no. : 30
Env. / Ins. : Temp:23.5'C Humi:58% Press:101.50kPa LINE Phase : LINE
Limit : FCC PART 15B QP
Engineer : Zero
EUT : 10.1"Android Tablet
Power : DC 5V From Adapter Input AC 120V/60Hz
M/N : 100011886
Test Mode : TX Mode

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuv)	Limits (dBuv)	Margin (dB)	Remark
1	0.17	9.79	9.69	5.25	24.73	55.12	30.39	Average
2	0.17	9.79	9.69	22.31	41.79	65.12	23.33	QP
3	0.20	9.80	9.77	2.36	21.93	53.49	31.56	Average
4	0.20	9.80	9.77	22.42	41.99	63.49	21.50	QP
5	0.34	9.68	9.92	2.50	22.10	49.13	27.03	Average
6	0.34	9.68	9.92	16.67	36.27	59.13	22.86	QP
7	0.45	9.91	9.92	2.74	22.57	46.93	24.36	Average
8	0.45	9.91	9.92	14.97	34.80	56.93	22.13	QP
9	0.67	9.82	9.92	9.26	29.00	46.00	17.00	Average
10	0.67	9.82	9.92	23.33	43.07	56.00	12.93	QP
11	1.13	9.79	9.94	2.58	22.31	46.00	23.69	Average
12	1.13	9.79	9.94	16.61	36.34	56.00	19.66	QP

Remarks: 1. Emission Level= LISN Factor + Cable Loss + Reading.
2. Margin=Limit - Emission Level.
3. If the average limit is met when using a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.

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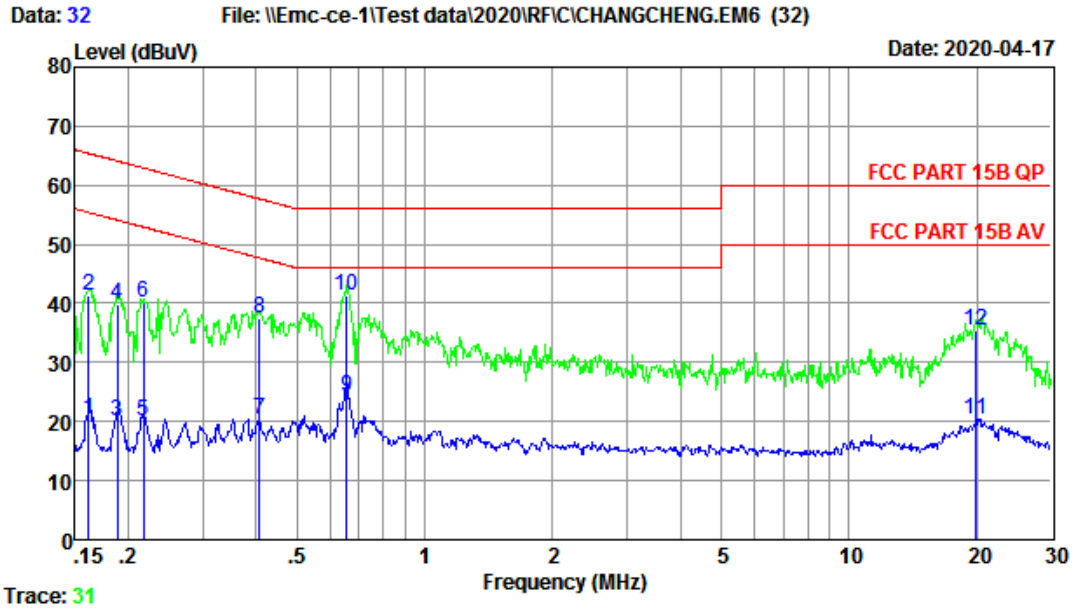


Site no : 844 Shield Room Data no. : 32
Env. / Ins. : Temp:23.5'C Humi:58% Press:101.50kPa LINE Phase : NEUTRAL
Limit : FCC PART 15B QP
Engineer : Zero
EUT : 10.1"Android Tablet
Power : DC 5V From Adapter Input AC 120V/60Hz
M/N : 100011886
Test Mode : TX Mode

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuv)	Limits (dBuv)	Margin (dB)	Remark
1	0.16	9.62	9.69	1.09	20.40	55.38	34.98	Average
2	0.16	9.62	9.69	22.12	41.43	65.38	23.95	QP
3	0.19	9.69	9.77	0.47	19.93	54.11	34.18	Average
4	0.19	9.69	9.77	20.52	39.98	64.11	24.13	QP
5	0.22	9.70	9.84	0.59	20.13	52.92	32.79	Average
6	0.22	9.70	9.84	20.63	40.17	62.92	22.75	QP
7	0.41	9.76	9.92	0.74	20.42	47.68	27.26	Average
8	0.41	9.76	9.92	17.72	37.40	57.68	20.28	QP
9	0.65	9.75	9.92	4.64	24.31	46.00	21.69	Average
10	0.65	9.75	9.92	21.74	41.41	56.00	14.59	QP
11	19.95	9.60	10.16	0.56	20.32	50.00	29.68	Average
12	19.95	9.60	10.16	15.63	35.39	60.00	24.61	QP

Remarks: 1. Emission Level= LISN Factor + Cable Loss + Reading.
2. Margin=Limit - Emission Level.
3. If the average limit is met when using a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.

9. ANTENNA REQUIREMENTS

9.1. Limit

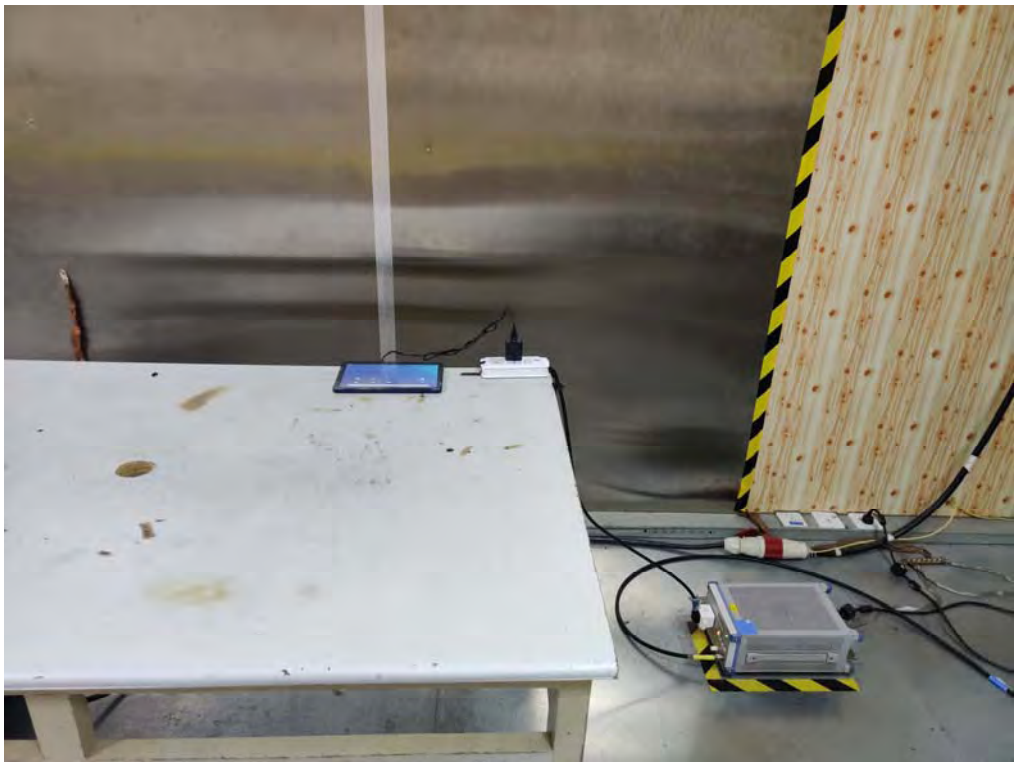
An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of §§15.211, 15.213, 15.217, 15.219, 15.221, or §15.236. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with §15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

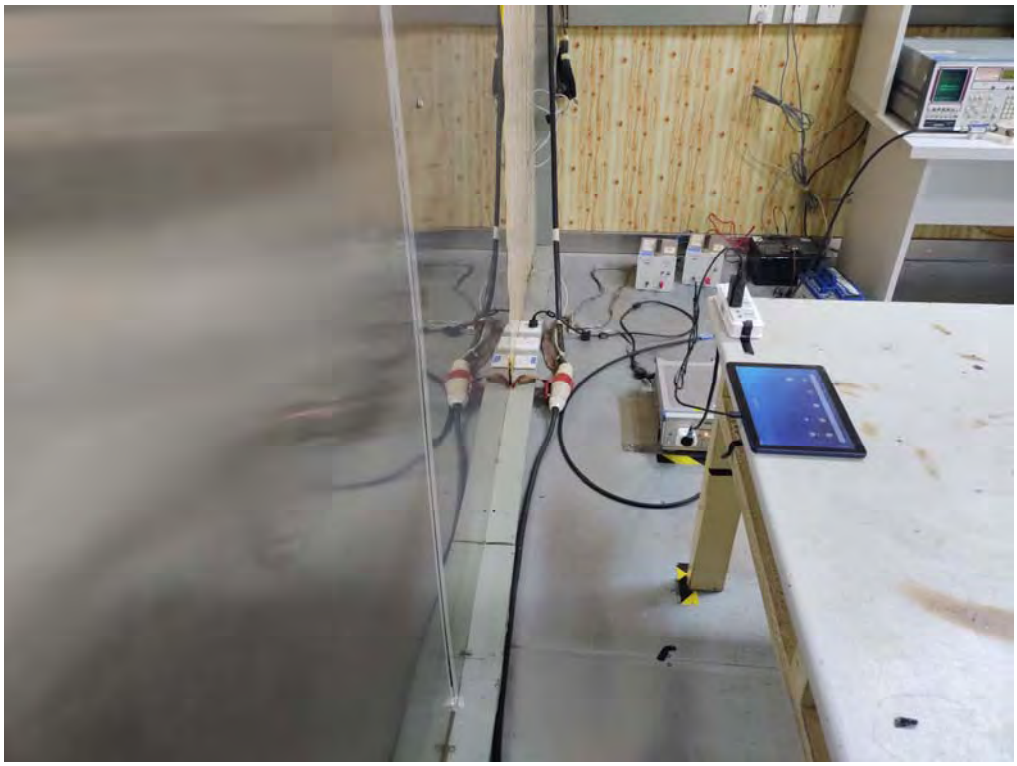
9.2. Test Result

The antennas used for this product is internal antenna ,so compliance with antenna requirements.
(Please refer to the EUT photo for details)

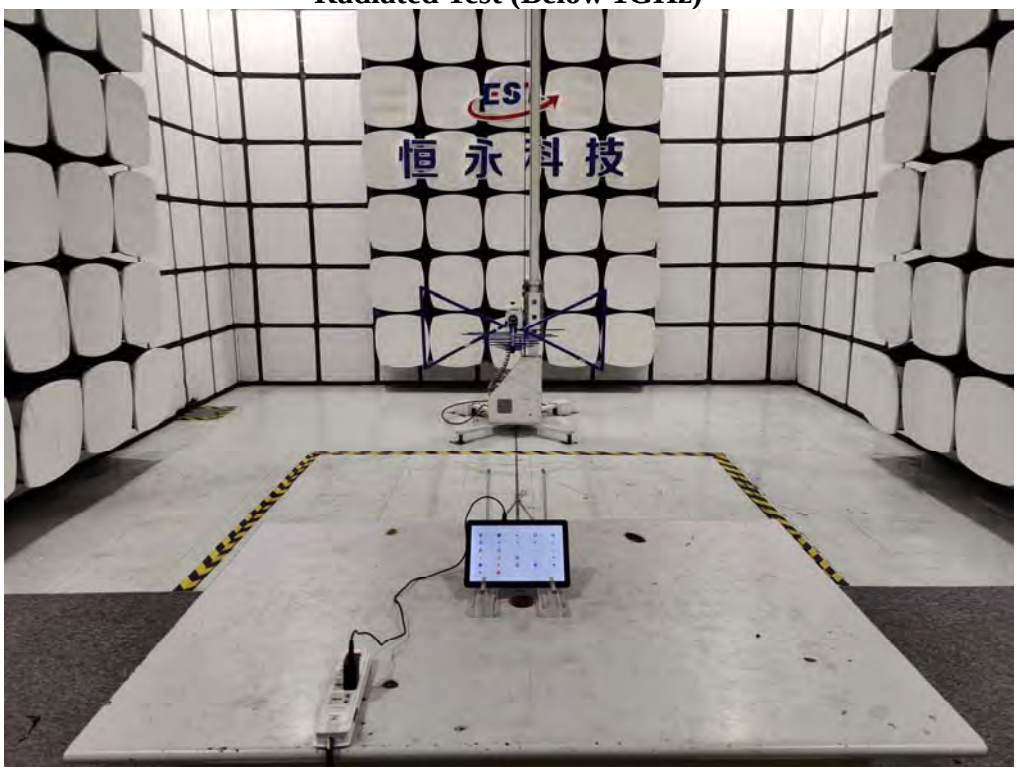
10. TEST SETUP PHOTO

Conducted Test

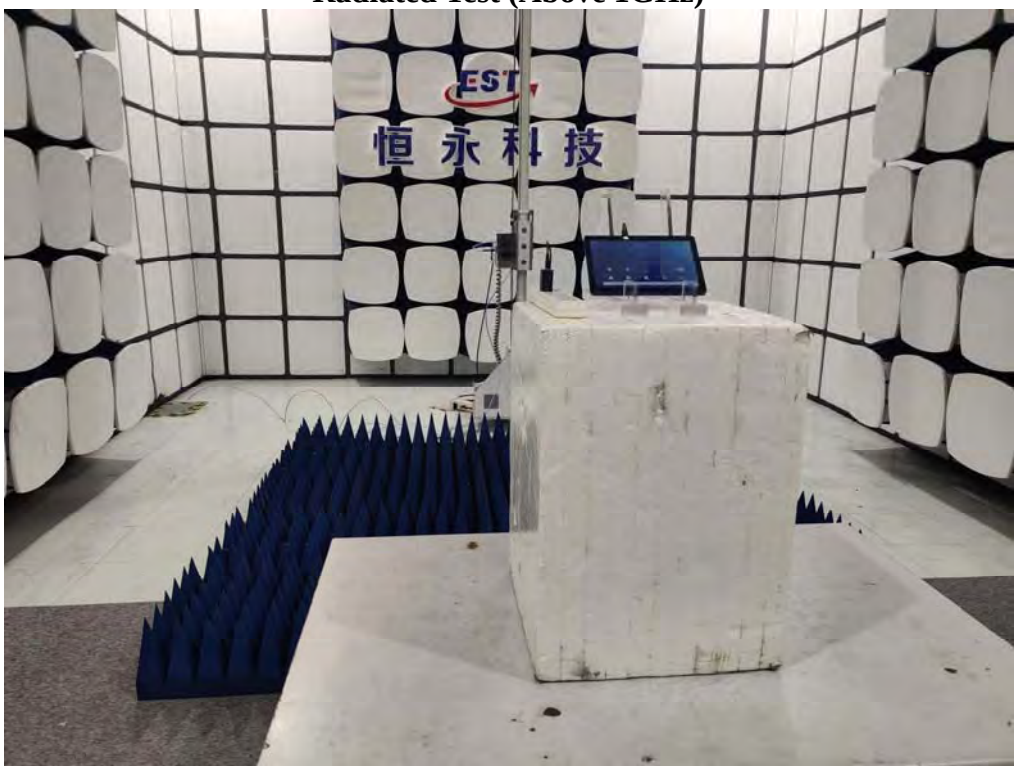




Radiated Test (Below 1GHz)



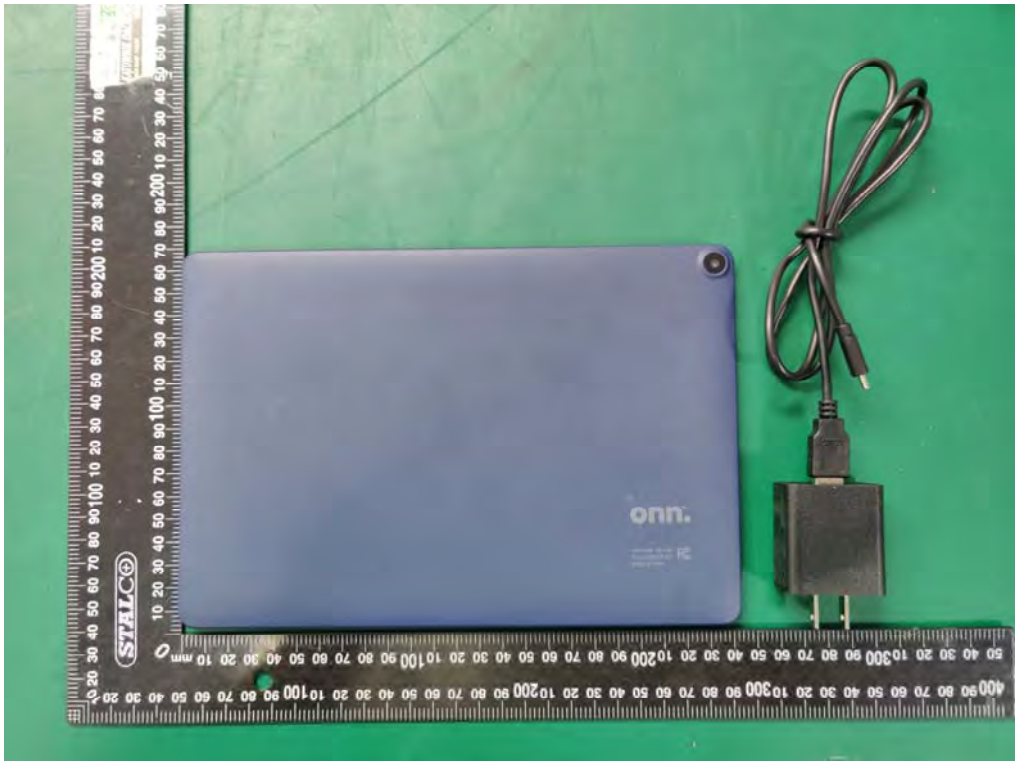
Radiated Test (Above 1GHz)



11. EUT PHOTO

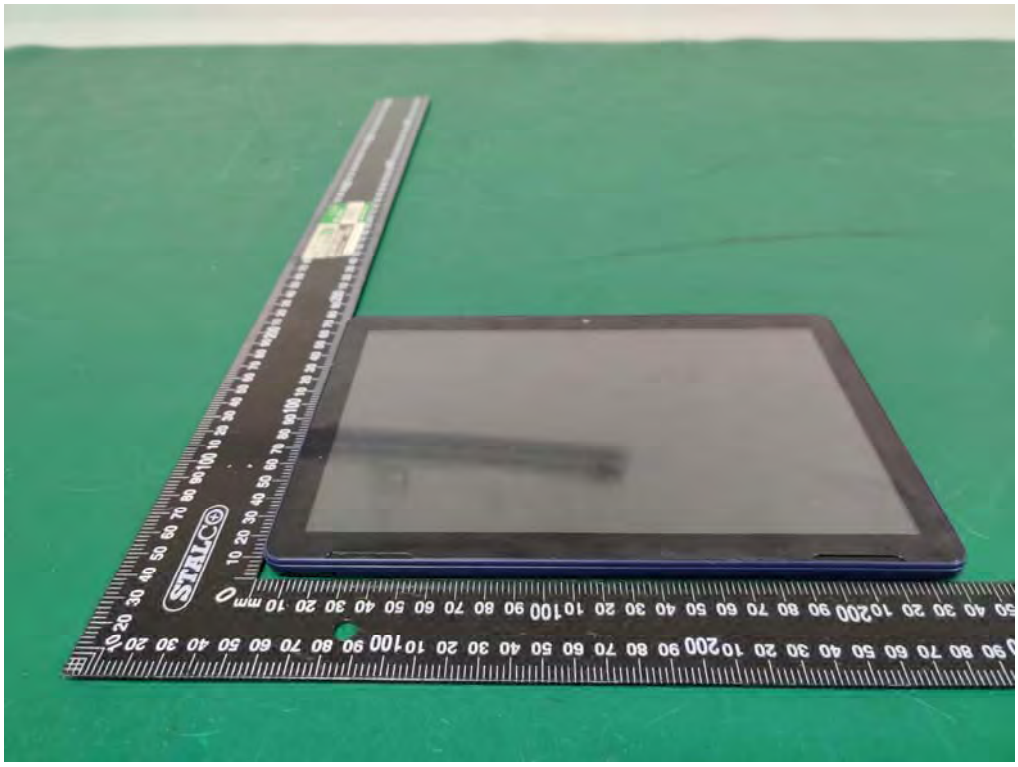
External Photos

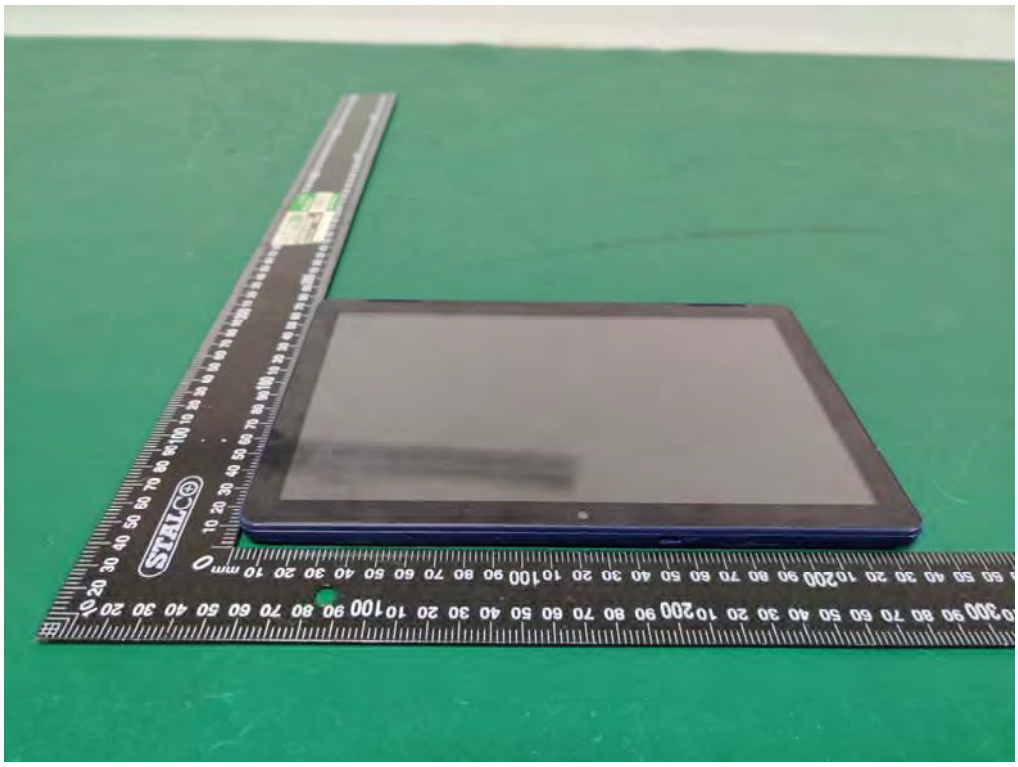
M/N: 100011886



External Photos

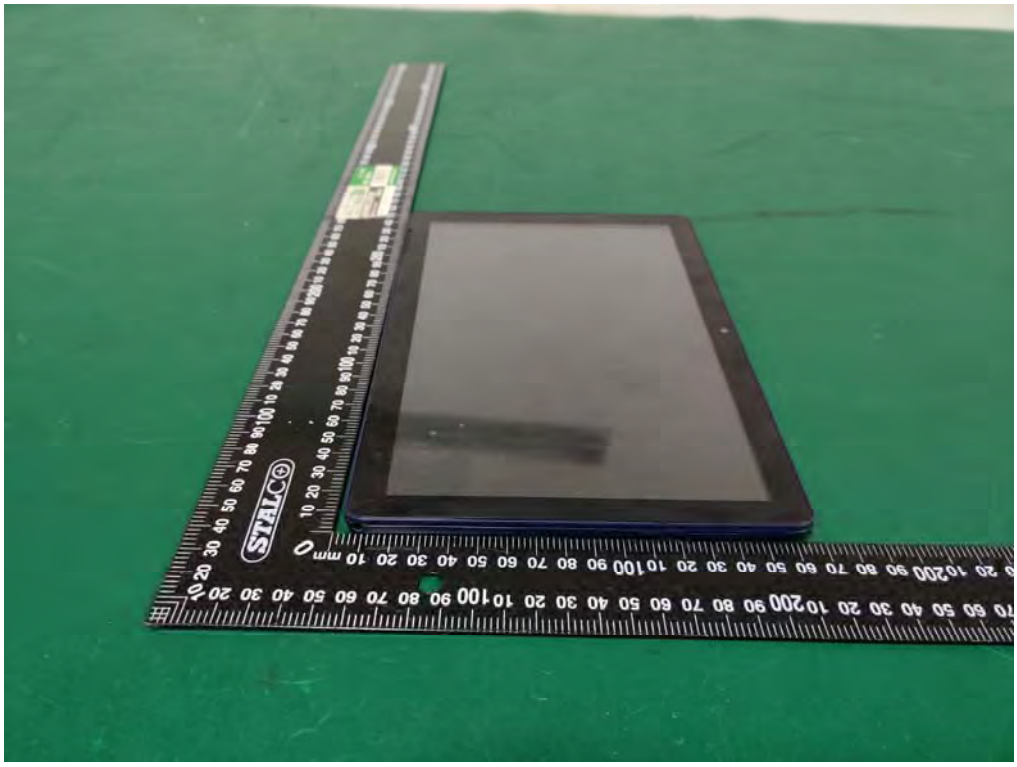
M/N: 100011886

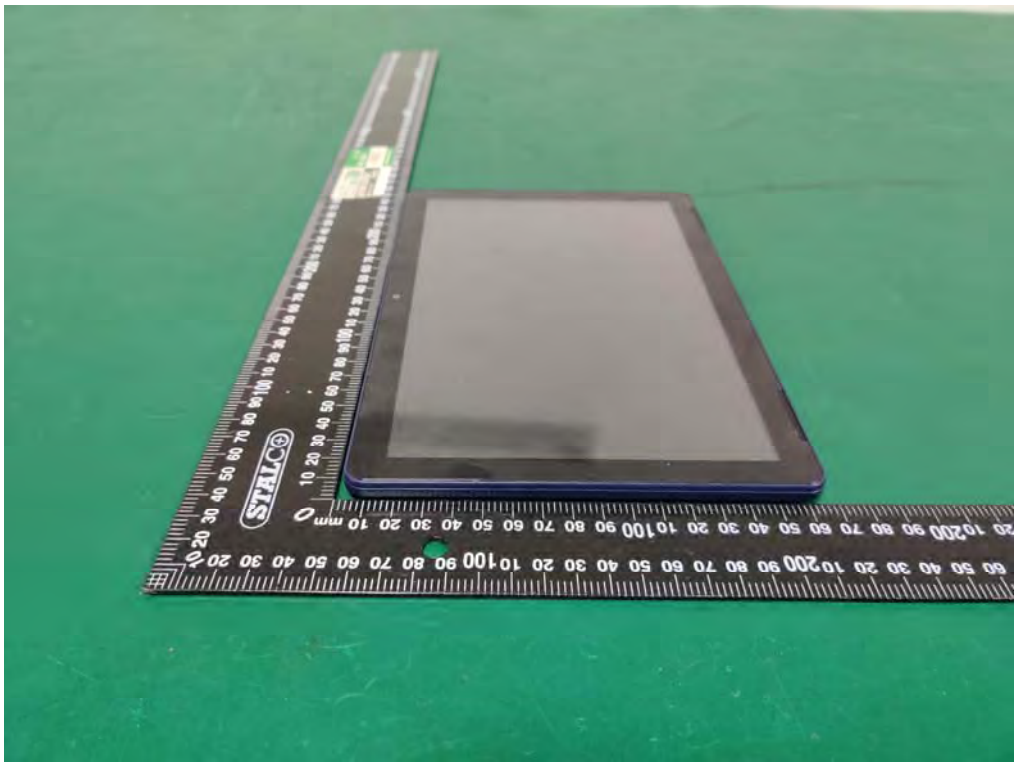




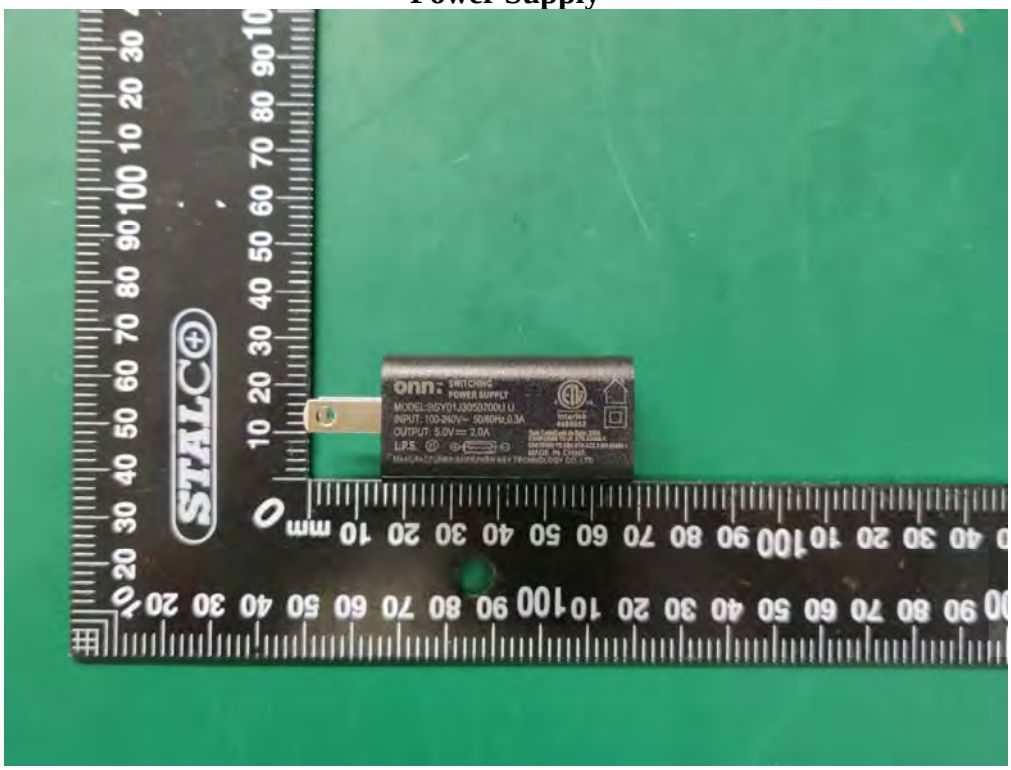
External Photos

M/N: 100011886



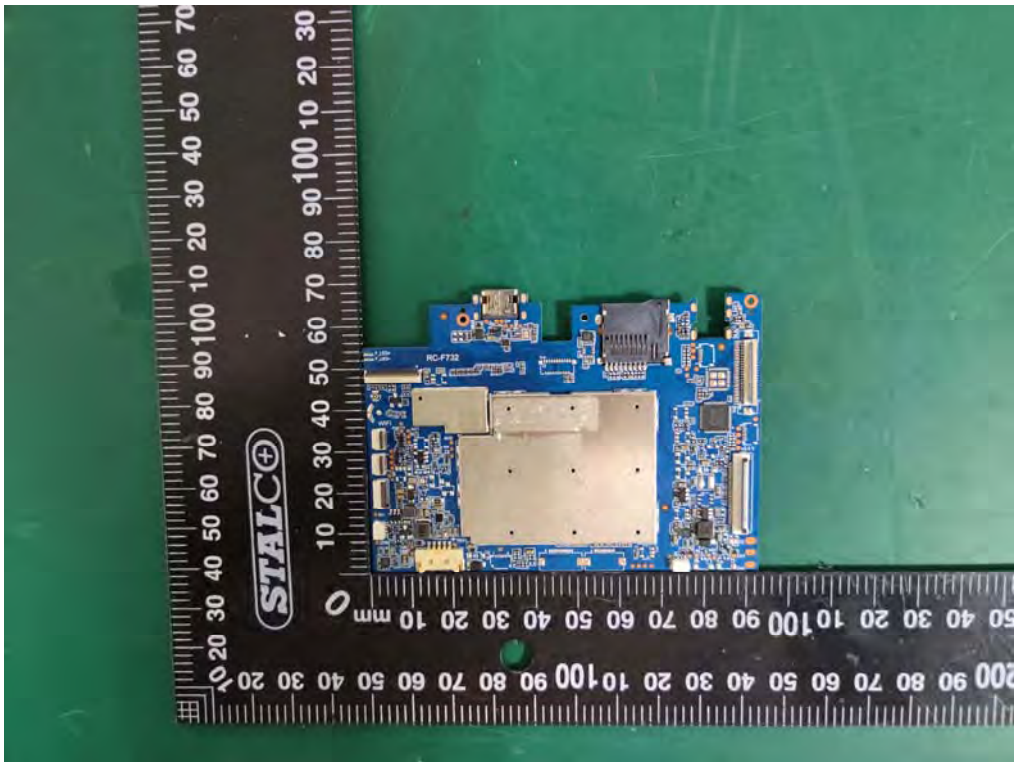


Power Supply



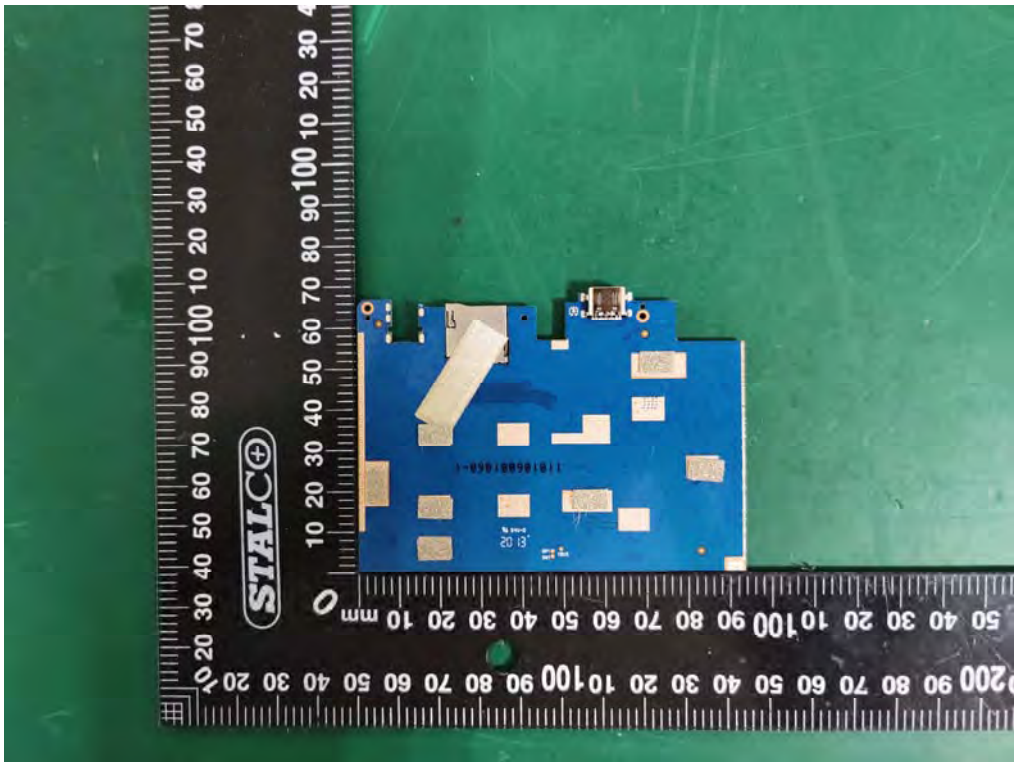
Internal Photos

M/N: 100011886



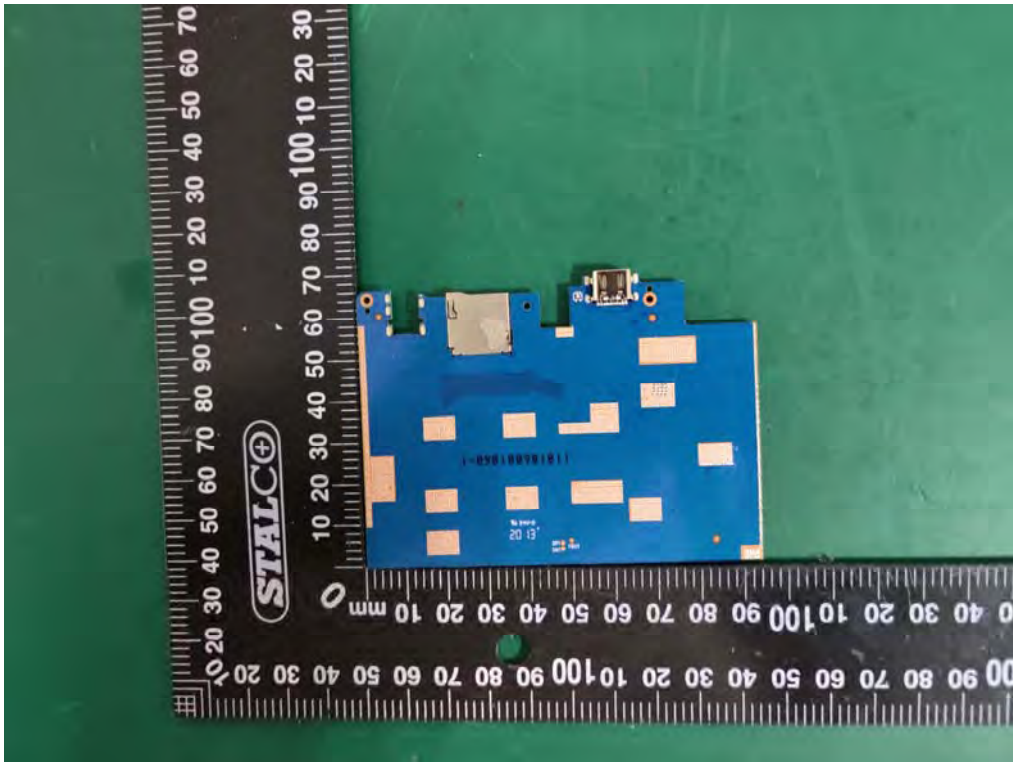
Internal Photos

M/N: 100011886



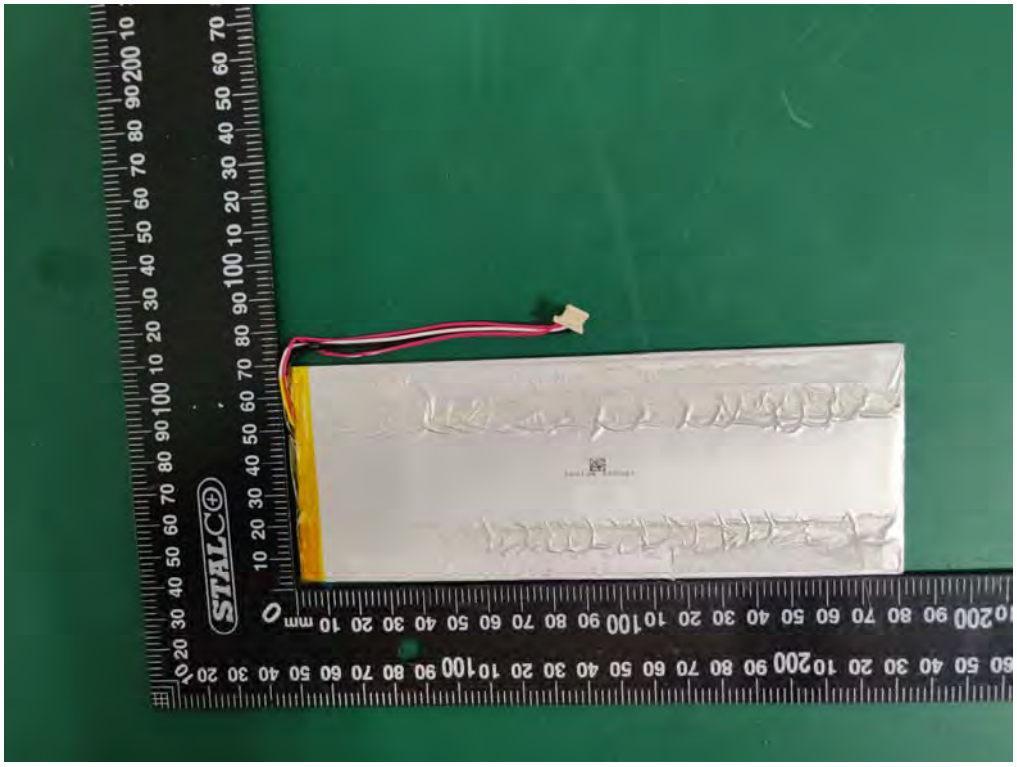
Internal Photos

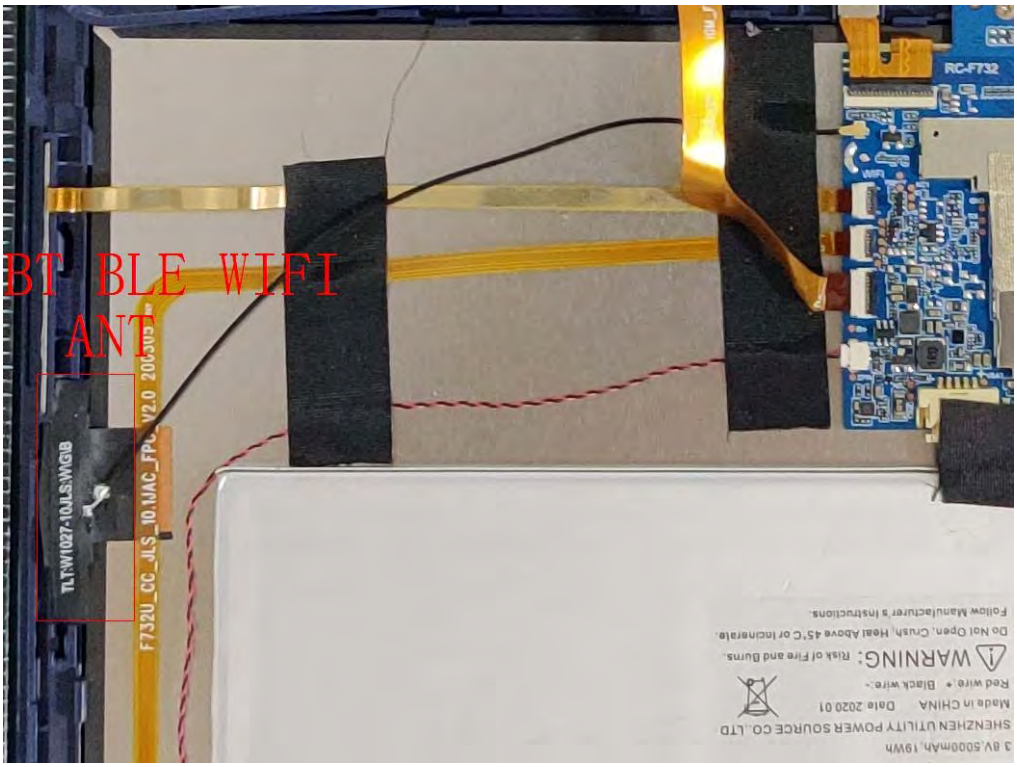
M/N: 100011886



Internal Photos

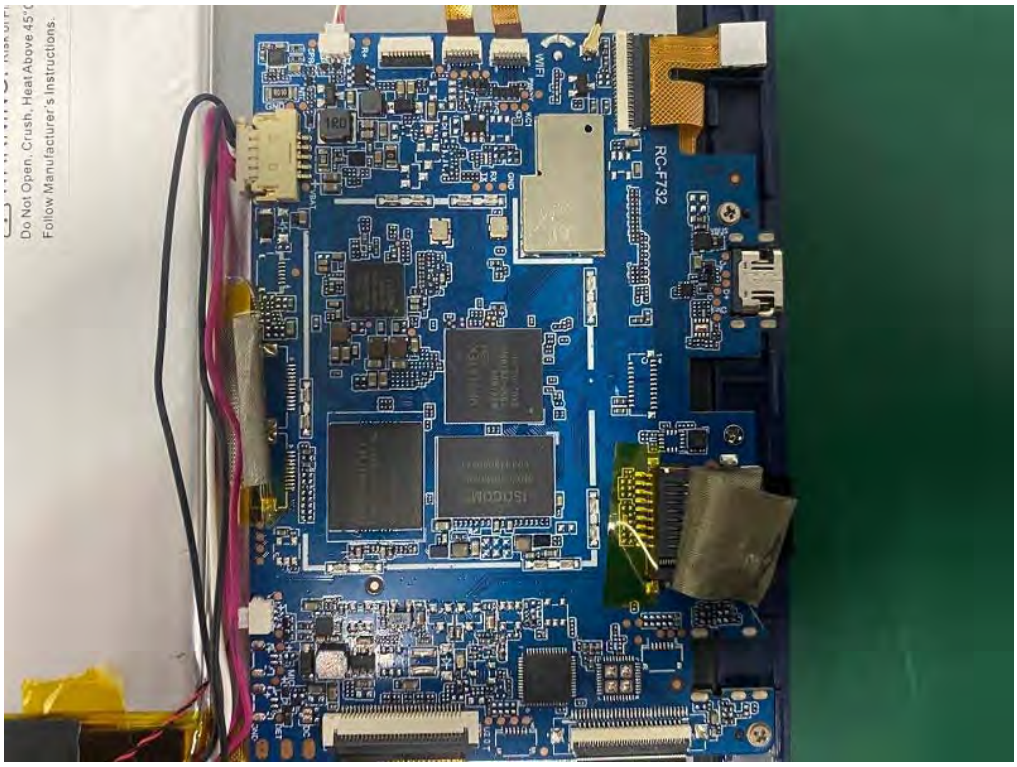
M/N: 100011886





Internal Photos

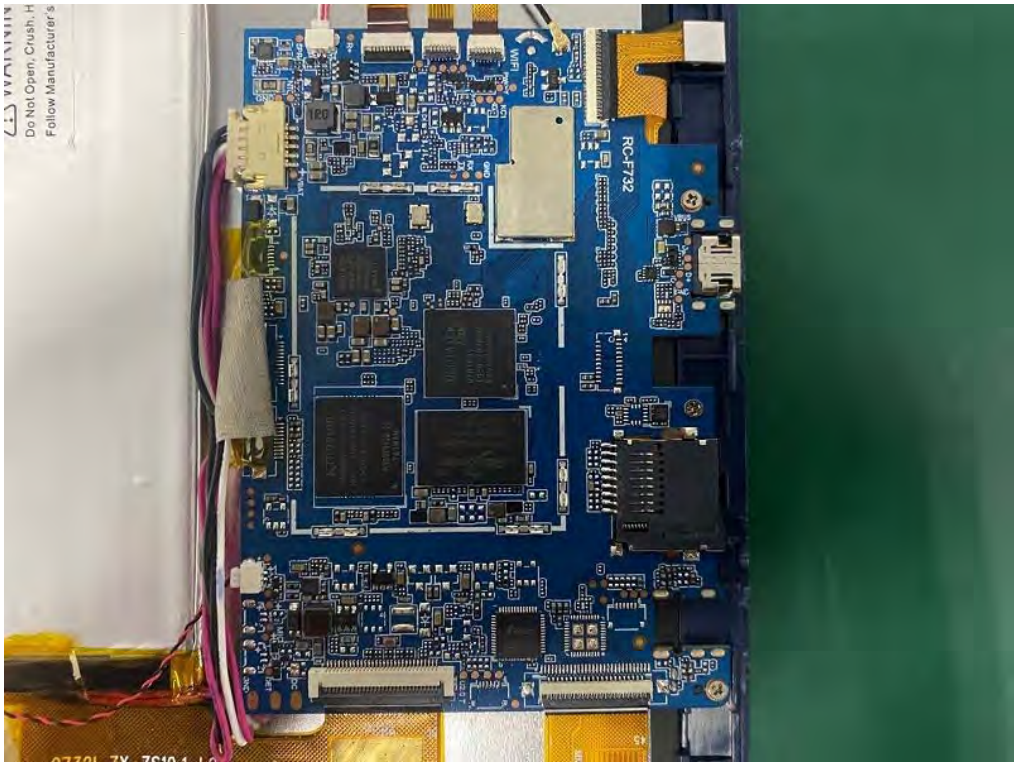
M/N: 100011886



Mainboard Model No.: MDXC1016G-M2 2GB & LTMZ0007HF-DAB1-SM

Internal Photos

M/N: 100011886



Mainboard Model No.: RS512M32LM4D2BDS-53BT 2GB & EMMC32G-TA28 32GB

End of Test Report