FCC PART 15E TEST REPORT FOR CERTIFICATION
On Behalf of

Chunghsin Technology Group CO.,LTD

10.1" ANDROID TABLET WITH DETACHABLE KEYBOARD

Model Number: ONA19TB007

FCC ID: 2AE2WT1016M

Prepared for:	Chunghsin Technology Group CO.,LTD
	No. 618-2 GONGREN WEST ROAD, JIAOJIANG AREA, TAIZHOU CITY,
	ZHEJIANG, CHINA
Prepared By:	EST Technology Co., Ltd.
	Chilingxiang, Qishantou, Santun, Houjie, Dongguan, Guangdong, China
Tel: 86-769-83081888-808	

Report Number:	ESTE-R1901074
Date of Test:	Dec. 26, 2018~Jan. 25, 2019
Date of Report:	Jan. 28, 2019

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EST Technology Co., Ltd.

Applicant: **Address:**	Chunghsin Technology Group CO.,LTD No. 618-2 GONGREN WEST ROAD, JIAOJIANG AREA, TAIZHOU CITY, ZHEJIANG, CHINA
Manufacturer: **Address:**	Chunghsin Technology Group CO.,LTD No. 618-2 GONGREN WEST ROAD, JIAOJIANG AREA, TAIZHOU CITY, ZHEJIANG, CHINA
E.U.T:	10.1" ANDROID TABLET WITH DETACHABLE KEYBOARD
Model Number:	ONA19TB007
Power Supply:	DC 5V From Adapter Input AC 100~240V, 50/60Hz, 0.3A DC 3.7V From battery
Test Voltage:	DC 5V From Adapter Input AC 120V/60Hz, 0.3A DC 5V From Adapter Input AC 240V/50Hz, 0.3A
Trade Name:	onn Serial No.: ------
Date of Receipt:	Dec. 24, 2018 Date of Test: Dec. 26, 2018~Jan. 25, 2019
Test Specification:	FCC Rules and Regulations Part 15 Subpart E:2018 ANSI C63.10:2013
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:** Jan. 28, 2019

Prepared by:	Reviewed by:	Approved by:
Ring / Assistant	Tony / 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)

Product Name	:	10.1" ANDROID TABLET WITH DETACHABLE KEYBOARD
FCC ID	:	2AE2WT1016M
Model Number	:	ONA19TB007
Operation frequency	:	UNII Band I: IEEE 802.11a: 5180 ~ 5240MHz; IEEE 802.11n HT20: 5180 ~ 5240MHz; IEEE 802.11n HT40: 5190 ~ 5230MHz; UNII Band II: IEEE 802.11a: 5260 ~ 5320MHz; IEEE 802.11n HT20: 5260 ~ 5320MHz; IEEE 802.11n HT40: 5270 ~ 5310MHz; UNII Band III: IEEE 802.11a: 5500 ~ 5700MHz; IEEE 802.11n HT20: 5500 ~ 5700MHz; IEEE 802.11n HT40: 5510 ~ 5670MHz; UNII Band IV: IEEE 802.11a: 5745 ~ 5825MHz; IEEE 802.11n HT20: 5745 ~ 5825MHz; IEEE 802.11n HT40: 5755 ~ 5795MHz;
Number of channel	:	UNII Band I: EEE 802.11a / n HT20 IEEE 802.11n HT40 UNII Band II: IEEE 802.11a / n HT20 IEEE 802.11n HT40 UNII Band III: IEEE 802.11a / n HT20 IEEE 802.11n HT40 UNII Band IV: IEEE 802.11a / n HT20 IEEE 802.11n HT40

<table>
<tr><td>Modulation</td><td>:</td><td colspan="2">OFDM(QPSK, BPSK, 16-QAM, 64-QAM,256-QAM)</td></tr>
<tr><td>Transmit Data Rate</td><td>:</td><td colspan="2">IEEE 802.11a: 54, 48, 36, 24, 18, 12, 9, 6Mbps;
IEEE 802.11n HT20: 14.4, 28.9, 43.3, 57.8, 86.7, 115.6, 130.0, 144.4 Mbps;
IEEE 802.11n HT40: 30, 60, 90, 120, 180, 240, 270, 300 Mbps;</td></tr>
<tr><td>Channels Spacing</td><td>:</td><td colspan="2">IEEE 802.11a: 20MHz;
IEEE 802.11n HT20: 20MHz;
IEEE 802.11n HT40: 40MHz;</td></tr>
<tr><td rowspan="3">Antenna</td><td rowspan="3">:</td><td colspan="2">Internal antenna</td></tr>
<tr><td>Frequency Range</td><td>Antenna</td></tr>
<tr><td>5150~5875 MHz</td><td>1.5 dBi</td></tr>
<tr><td></td><td></td><td colspan="2">Note: Bluetooth uses Antenna
11a,b,g,n, uses Antenna</td></tr>
<tr><td>Transmit Power</td><td>:</td><td colspan="2">UNII Band I:
IEEE 802.11a: 4 Channels;
IEEE 802.11n HT20: 4 Channels;
IEEE 802.11n HT40: 2 Channels.
UNII Band II:
IEEE 802.11a: 4 Channels;
IEEE 802.11n HT20: 4 Channels;
IEEE 802.11n HT40: 2 Channels.
UNII Band III:
IEEE 802.11a: 8 Channels;
IEEE 802.11n HT20: 8 Channels;
IEEE 802.11n HT40: 3 Channels.
UNII Band IV:
IEEE 802.11a: 5 Channels;
IEEE 802.11n HT20: 5 Channels;
IEEE 802.11n HT40: 2 Channels.</td></tr>
<tr><td>Sample Type</td><td>:</td><td colspan="2">Prototype production</td></tr>
</table>

2. SUMMARY OF TEST

2.1. Test methodology.

Both conducted and radiated testing was performed according to the procedures in ANSI C63.10 Radiated testing was performed at an antenna to EUT distance 3 meters. The tests documented in this report were performed in accordance with ANSI C63.10: 2013 and FCC CFR 47 Part 15.207, 15.209, 15.407 and FCC 14-30. Radio testing was performed according to KDB DA 02-2138、KDB 789033 D02、KDB 905462 D06.

2.2. Summary of test result

Description of Test Item	Standard	Results
99%, 6dB and 26dB Bandwidth	FCC Part 15: 407(a) FCC Part 15: 407(e)	PASS
Maximum Conducted Output Power	FCC Part 15: 407(a)	PASS
Peak Power Spectral Density	FCC Part 15: 407(a)	PASS
Radiated Spurious Emissions	FCC Part 15: 407(b)	PASS
Conducted Unwanted Emissions	FCC Part 15: 407(b)	PASS
Band Edge Measurement	FCC Part 15: 407(b)	PASS
Frequency Stability	FCC Part 15: 407(g)	PASS
Power Line Conducted Emissions	FCC Part 15: 207 FCC Part 15: 407(b)(6)	PASS
Antenna requirement	FCC Part 15: 203 FCC Part 15: 407(a)	PASS

2.3. 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

2.4. 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.

2.5. Assistant equipment used for test

2.5.1. Router (Master)

Manufacturer	:	LINKSYS
M/N	:	WRT3200ACM
FCC ID	:	Q87-WRT3200ACM
IC	:	3839A-WRT3200ACM
S/N	:	1981060A621419
MAC	:	6038E0B87B20

2.5.2. Notebook

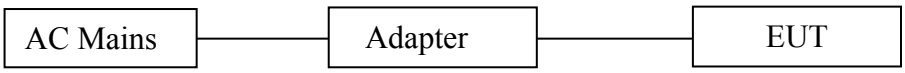
Manufacturer	:	DELL
M/N	:	Laititude E6420
Adapter	:	M/N: DA90PM111

2.5.3. Adapter

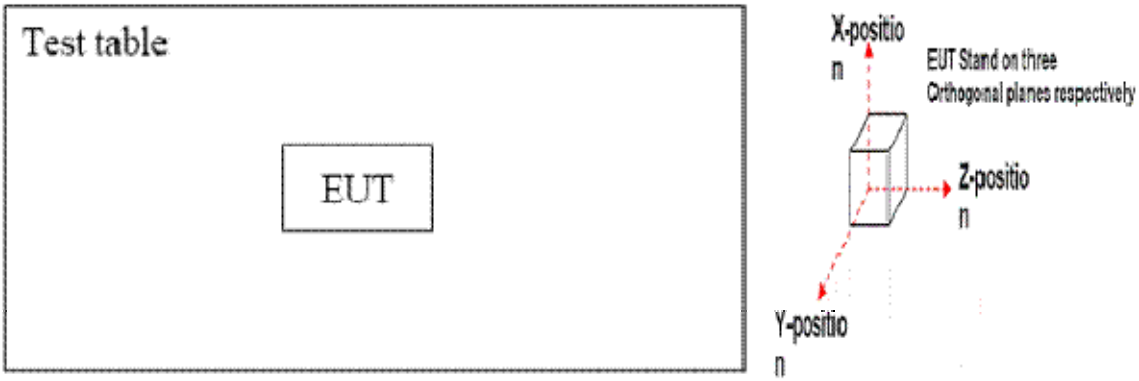
Manufacturer	:	onn
M/N	:	BSY01J3050200U U
Input	:	AC 100-240V, 50/60Hz, 0.3A
Output	:	DC 5.0V, 2.0A

2.6. Block Diagram

For radiated emissions test: EUT was placed on a turn table, which is 0.8 (or 1.5) meter high above ground. EUT was be set into TX test mode by software before test.



(EUT: 10.1" ANDROID TABLET WITH DETACHABLE KEYBOARD)



Note:We test X-axis, Y-axis, and Z-axis,. The Y-axis is the worst mode, so only theworst mode test data was included in the report.

2.7. Test mode

The test software was used to control EUT work in Continuous TX mode, and select test channel, wireless mode

Band	Mode	Channel	Frequency (MHz)	Data rate (Mbps)
UNII Band I	IEEE 802.11a & n HT20 VHT20: 5180-5240MHz	Low	5180	6
		Middle	5200	6
		High	5240	6
	IEEE 802.11n HT40 : 5180-5240MHz	Low	5190	13.5
		High	5230	13.5
UNII Band II	IEEE 802.11a & n HT20: 5260-5320MHz	Low	5260	6
		Middle	5300	6
		High	5320	6
	IEEE 802.11n HT40: 5270-5310MHz	Low	5270	13.5
		High	5310	13.5
UNII Band III	IEEE 802.11a & n HT20: 5500-5700MHz	Low	5500	6
		Middle	5580	6
		High	5700	6
	IEEE 802.11n HT40: 5510-5670	Low	5510	13.5
		High	5670	13.5
UNII Band IV	IEEE 802.11a & n HT20: 5745-5825MHz	Low	5745	6
		Middle	5785	6
		High	5825	6
	IEEE 802.11n HT40: 5755-5795MHz	Low	5755	13.5
		High	5795	13.5

2.8. Channel List

Band	Mode	Channel	Frequency (MHz)
UNII Band I	IEEE 802.11a & n HT20: 5180-5240MHz	36	5180
		40	5200
		44	5220
		48	5240
	IEEE 802.11n HT40: 5180-5240MHz	38	5190
		46	5230
UNII Band II	IEEE 802.11a & n HT20: 5260-5320MHz	52	5260
		56	5280
		60	5300
		64	5320
	IEEE 802.11n HT40: 5270-5310MHz	54	5270
		62	5310
UNII Band III	IEEE 802.11a & n HT20: 5500-5700MHz	100	5500
		104	5520
		108	5540
		112	5560
		116	5580
		132	5660
		136	5680
		140	5700
	IEEE 802.11n HT40: 5510-5670	102	5510
		110	5550
		134	5670
UNII Band IV	IEEE 802.11a & n HT20: 5745-5825MHz	149	5745
		153	5765
		157	5785
		161	5805
		165	5825
	IEEE 802.11n HT40: 5755-5795MHz	151	5755
		159	5795

2.9. Test Equipment For EST Technology Co., Ltd.

2.9.1. For conducted emission test

Equipment	Manufacturer	Model No.	Serial No.	Calibration Body	Last Cal.	Next Cal.
EMI Test Receiver	Rohde & Schwarz	ESHS30	832354	CEPREI	June 15,18	1 Year
Artificial Mains Network	Rohde & Schwarz	ENV216	101260	CEPREI	June 15,18	1 Year
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	101100	CEPREI	June 15,18	1 Year
Test Software	Audix	e3-6.111221a	N/A	N/A	N/A	N/A

2.9.2. For radiated emission test(9 kHz-30MHz)

Equipment	Manufacturer	Model No.	Serial No.	Calibration Body	Last Cal.	Next Cal.
EMI Test Receiver	Rohde & Schwarz	ESR7	101780	CEPREI	June 15,18	1 Year
Active Loop Antenna	SCHWAREBECK	FMZB 1519B	1519B-088	N/A	Aug. 01,18	1 Year
Test Software	Audix	e3-6.111221a	N/A	N/A	N/A	N/A

2.9.3. For radiated emissions test (30-1000MHz)

Equipment	Manufacturer	Model No.	Serial No.	Calibration Body	Last Cal.	Next Cal.
EMI Test Receiver	Rohde & Schwarz	ESR7	101780	CEPREI	June 15,18	1 Year
Bilog Antenna	Teseq	CBL 6111D	27090	CEPREI	June 15,18	1 Year
Test Software	Audix	e3-6.111221a	N/A	N/A	N/A	N/A

2.9.4. For radiated emission test(above 1GHz)

Equipment	Manufacturer	Model No.	Serial No.	Calibration Body	Last Cal.	Next Cal.
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA9120D1002	CEPREI	June 18,18	1 Year
Horn Antenna	SCHWARZBECK	BBHA9170	BBHA9170242	CEPREI	June 18,18	1Year
Signal Amplifier	SCHWARZBECK	BBV9718	9718-212	CEPREI	June 18,18	1 Year
Spectrum Analyzer	Rohde &Schwarz	FSV	103173	CEPREI	June 15,18	1 Year
PSA Series Spertrum Analyzer	Agilent	E4447A	MY50180031	CEPREI	June 15,18	1Year
Test Software	Audix	e3-6.111221a	N/A	N/A	N/A	N/A

2.9.5. For DFS and 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	101309	CEPREI	June 15,18	1Year
Signal and Spectrum Analyzer	Rohde &Schwarz	FSV	103173	CEPREI	June 15,18	1 Year
Signal Generator	Rohde &Schwarz	SMB100A	108752	CEPREI	June 15,18	1 Year
Vector Signal Generator	Rohde &Schwarz	SMBV100A	260753	CEPREI	June 15,18	1Year
Test Software	Rohde &Schwarz	WMS32	V10.40.00	N/A	N/A	N/A
Spectrum Analyzer	Agilent	E4408B	MY44211139	CEPREI	June 15,18	1 Year
Temperature controller	DK	DK70A	006562	Tiansu	June 03,18	1 Year
AC Source	CHANGJIANG	3KV	EST215-007	N/A	N/A	N/A

3. 26 DB BANDWIDTH

3.1. Limit

No Limit.

3.2. Test Procedure

a, The transmitter output (antenna port) was connected to the spectrum analyzer. Connect EUT antenna terminal to the spectrum analyzer with a low loss SMA cable.
b, Place the EUT on the table and set it in the transmitting mode.
c, Set the spectrum analyzer as RBW > 1%EBW.
d, Set the VBW > RBW.
e, Set the Span >26dB bandwidth.
f, Set the Trace mode = Max hold.
g, Set the Detector = Peak.
h, Set the Sweep = auto.
i, Mark the peak frequency and –26dB (upper and lower) frequency.
j, Repeat until all the rest channels were investigated.

3.3. Test Information

EUT: 10.1" ANDROID TABLET WITH DETACHABLE KEYBOARD	
M/N: ONA19TB007	
Test date: 2018-12-27	Test site: RF sit Tested by: Seven

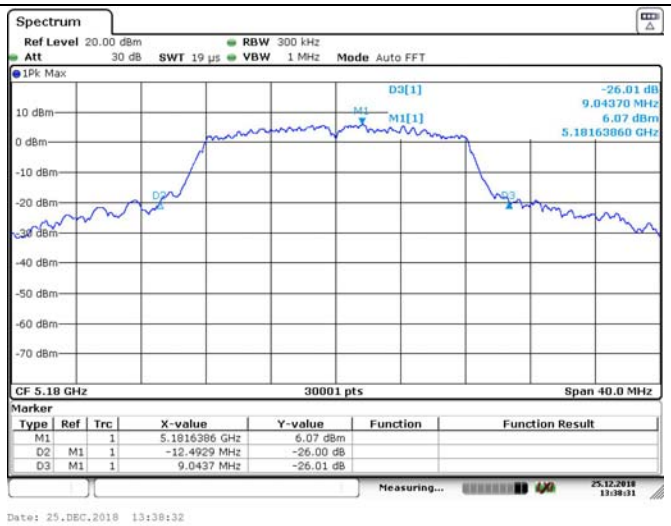
3.4. Test Result

Band	Mode	Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
UNII Band I	IEEE 802.11a	Low	5180	21.54
		Middle	5200	20.83
		High	5240	22.28
	IEEE 802.11n HT20	Low	5180	20.49
		Middle	5200	20.67
		High	5240	20.60
	IEEE 802.11n HT40	Low	5190	41.89
		High	5230	43.00
Conclusion: Pass				
UNII Band II	IEEE 802.11a	Low	5260	22.32
		Middle	5300	21.13
		High	5320	20.54
	IEEE 802.11n HT20	Low	5260	20.50
		Middle	5300	20.92
		High	5320	20.92
	IEEE 802.11n HT40	Low	5270	41.99
		High	5310	42.49
Conclusion: Pass				

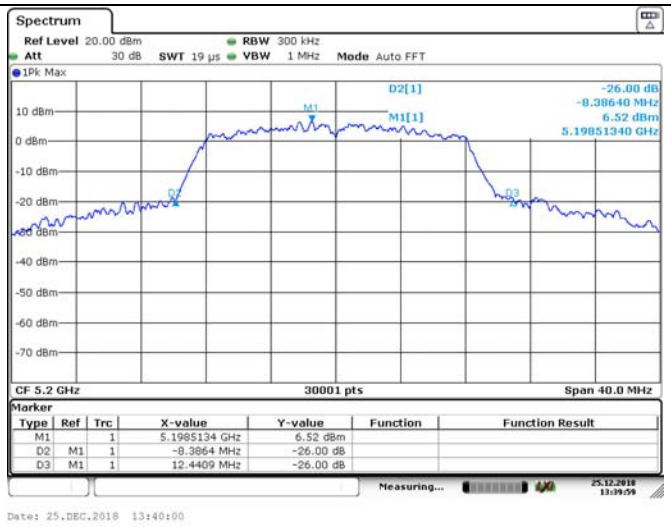
Band	Mode	Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
UNII Band III	IEEE 802.11a	Low	5500	19.96
		Middle	5580	19.99
		High	5700	19.95
	IEEE 802.11n HT20	Low	5500	19.98
		Middle	5580	20.07
		High	5700	20.38
	IEEE 802.11n HT40	Low	5510	40.61
		High	5670	40.85
Conclusion: Pass				
UNII Band IV	IEEE 802.11a	Low	5745	20.30
		Middle	5785	20.19
		High	5825	19.99
	IEEE 802.11n HT20	Low	5745	20.33
		Middle	5785	19.93
		High	5825	19.97
	IEEE 802.11n HT40	Low	5755	40.21
		High	5795	40.10
Conclusion: Pass				

3.5. Test Data

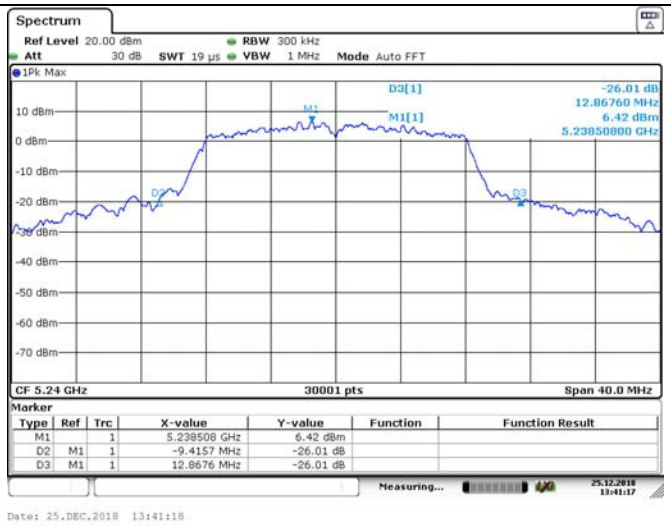
UNII Band I IEEE 802.11a 5180MHz



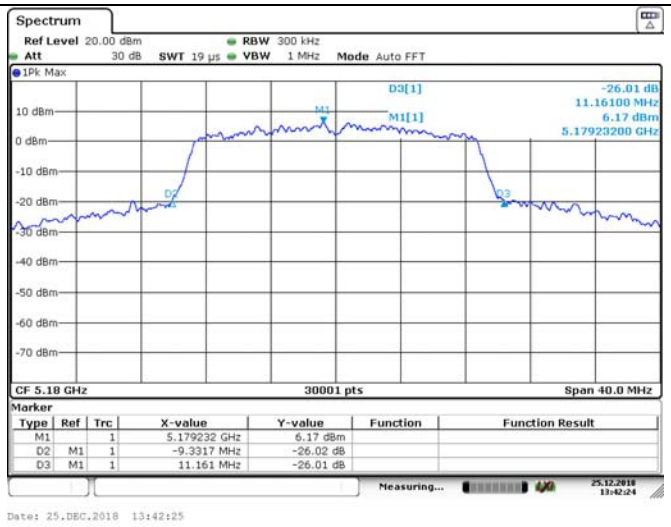
UNII Band I IEEE 802.11a 5200MHz



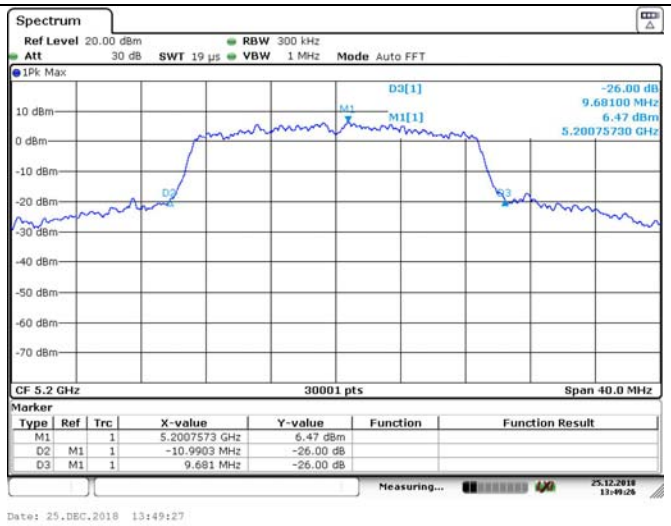
UNII Band I IEEE 802.11a 5240MHz



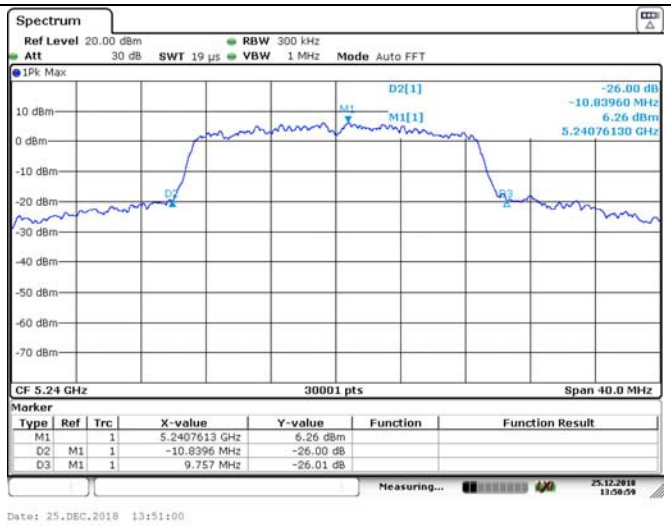
UNII Band I IEEE 802.11n HT20 5180MHz

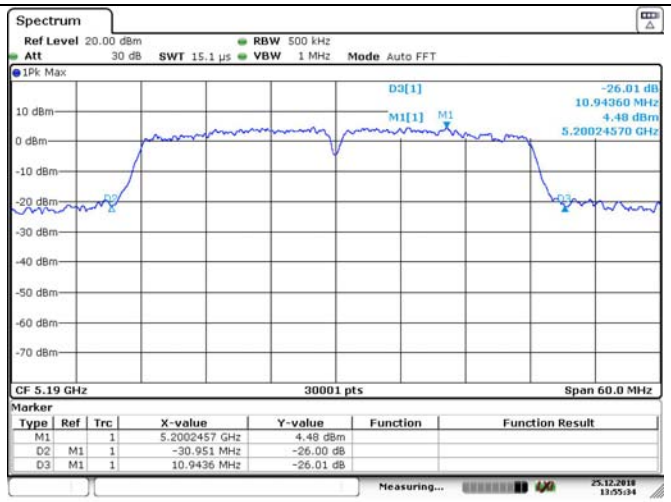


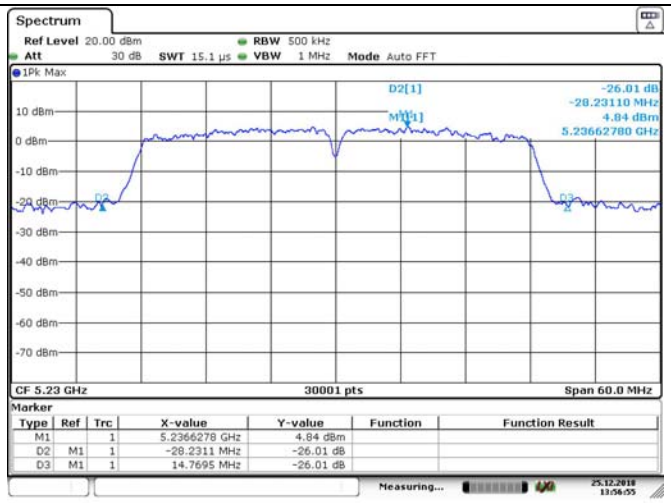
UNII Band I IEEE 802.11n HT20 5200MHz



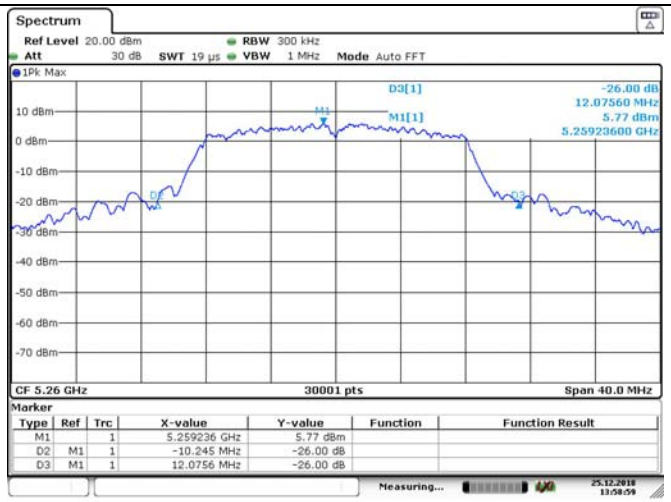
UNII Band I IEEE 802.11n HT20 5240MHz



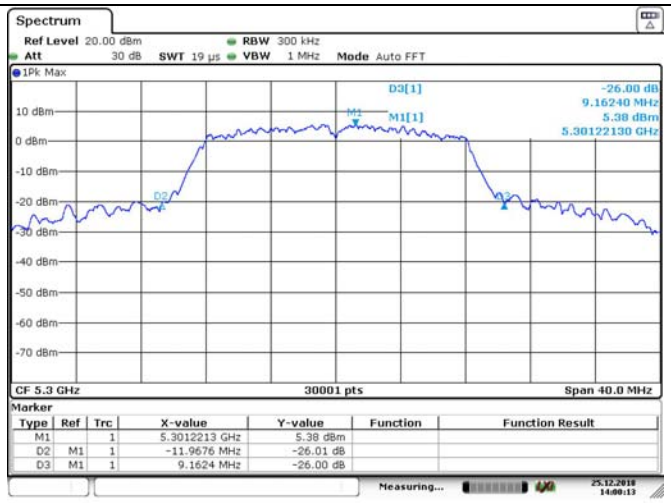
UNII Band I IEEE 802.11n HT40 5190MHz


UNII Band I IEEE 802.11n HT40 5230MHz


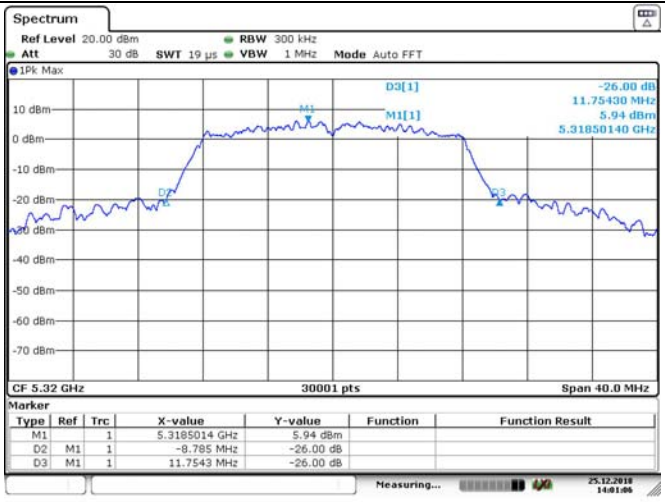
UNII Band II IEEE 802.11a 5260MHz



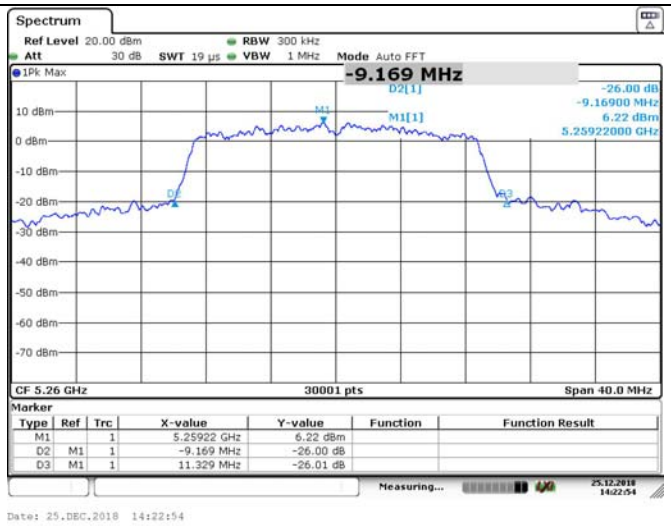
UNII Band II IEEE 802.11a 5300MHz



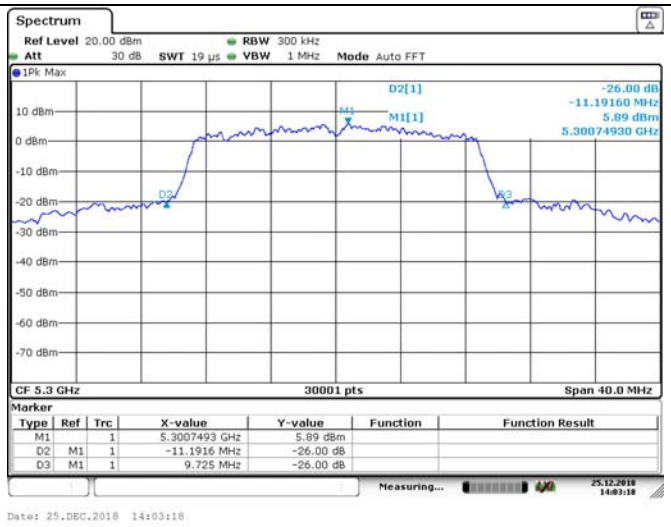
UNII Band II IEEE 802.11a 5320MHz



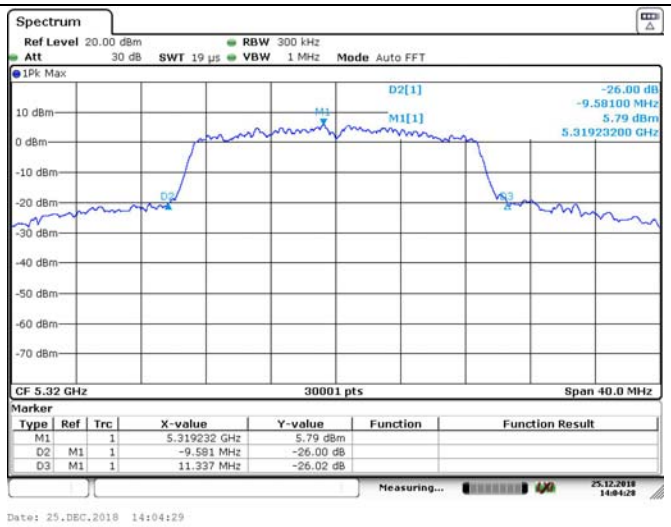
UNII Band II IEEE 802.11n HT20 5260MHz

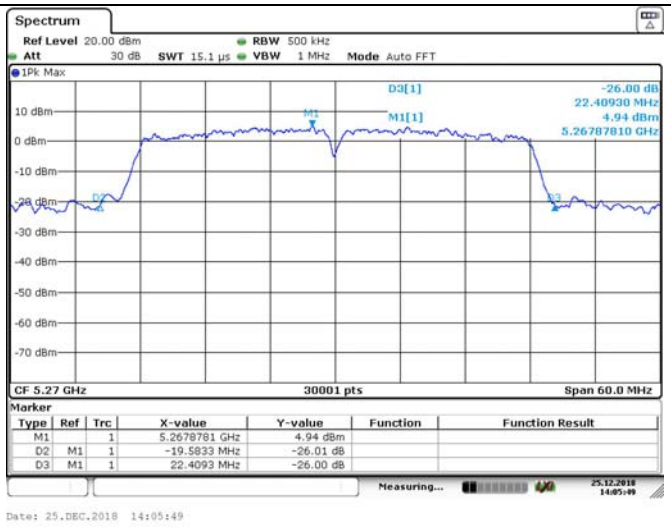


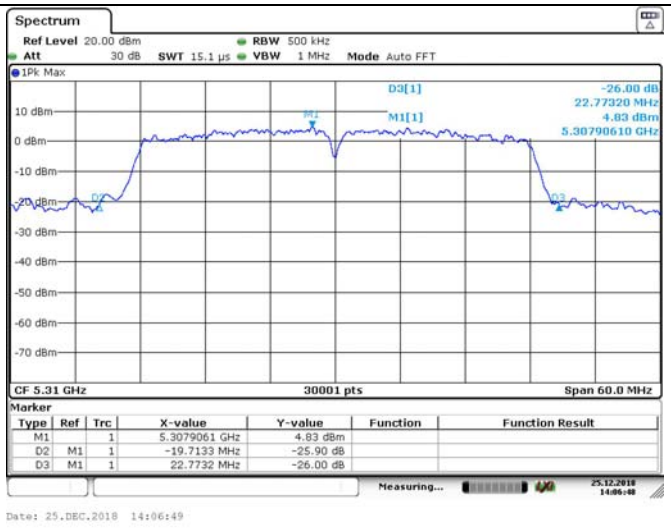
UNII Band II IEEE 802.11n HT20 5300MHz



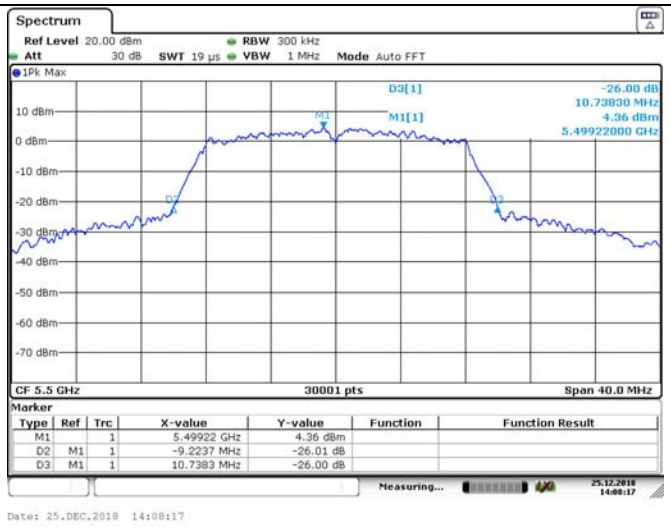
UNII Band II IEEE 802.11n HT20 5320MHz



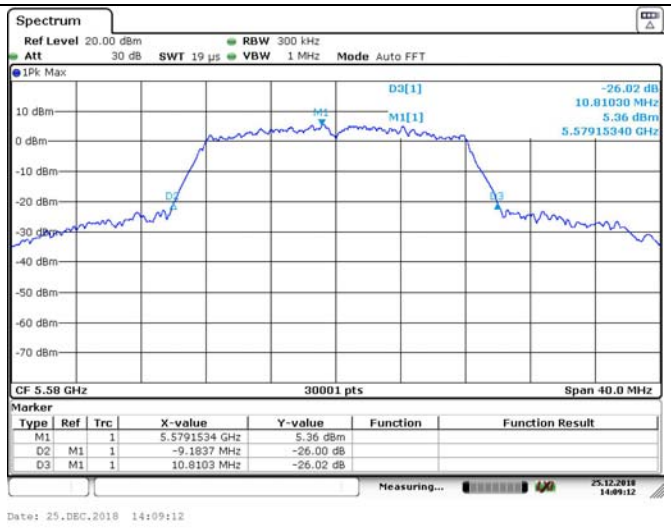
UNII Band II IEEE 802.11n HT40 5270MHz


UNII Band II IEEE 802.11n HT40 5310MHz


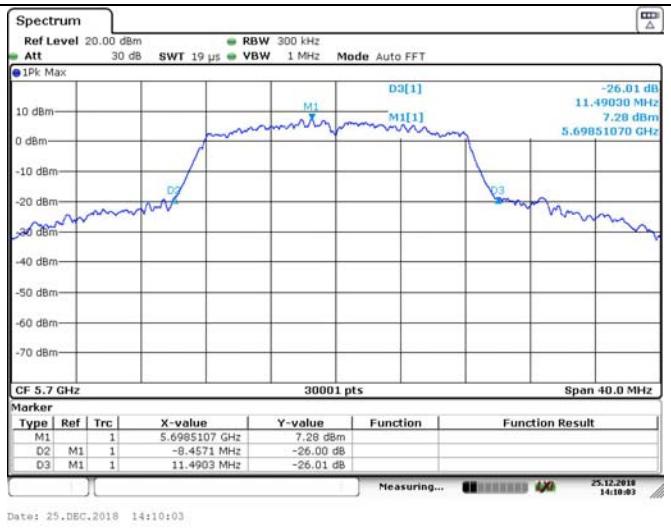
UNII Band III IEEE 802.11a 5500MHz



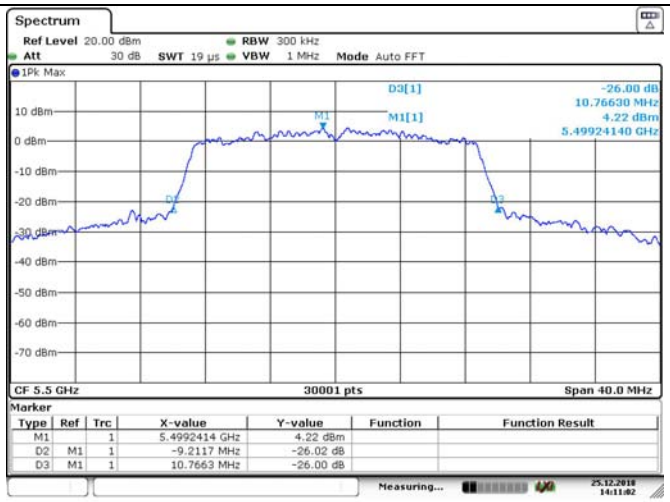
UNII Band III IEEE 802.11a 5580MHz



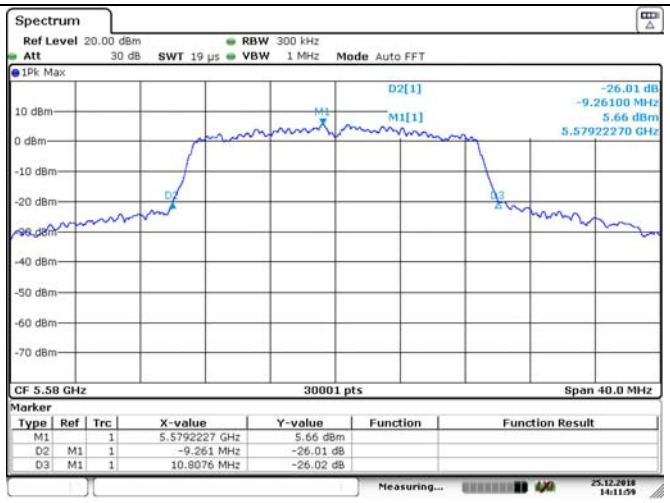
UNII Band III IEEE 802.11a 5700MHz



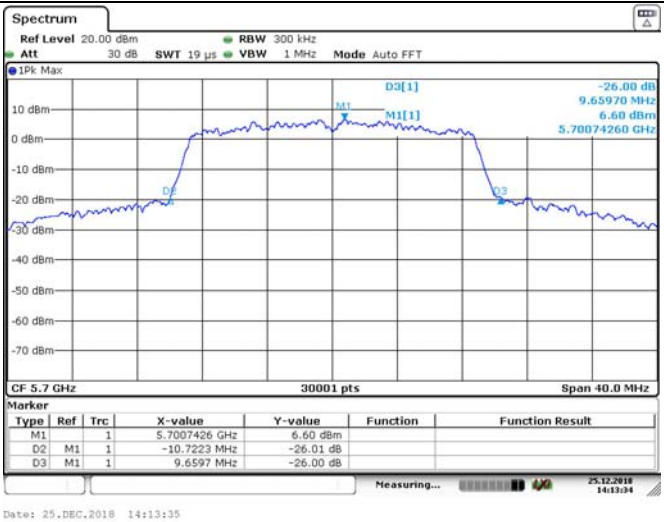
UNII Band III IEEE 802.11n HT20 5500MHz



UNII Band III IEEE 802.11n HT20 5580MHz



UNII Band III IEEE 802.11n HT20 5700MHz



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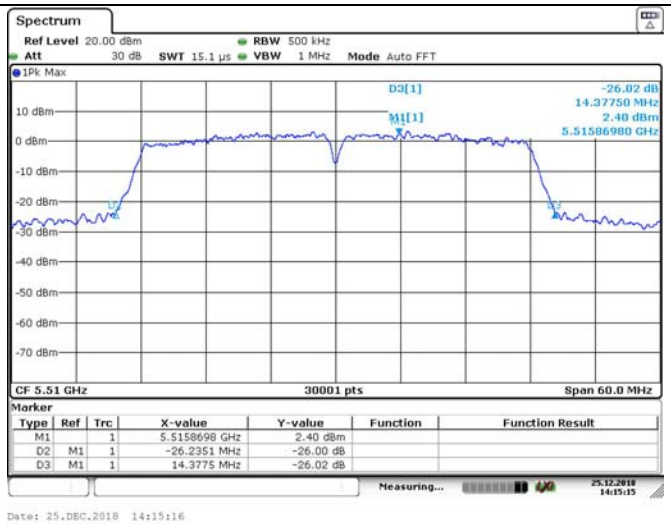
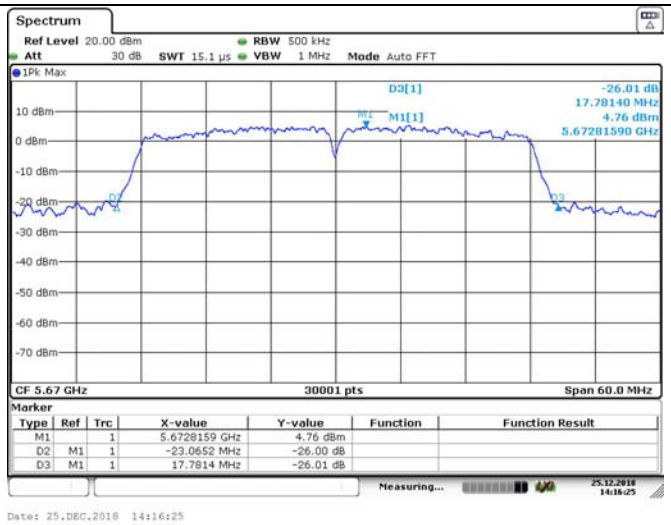
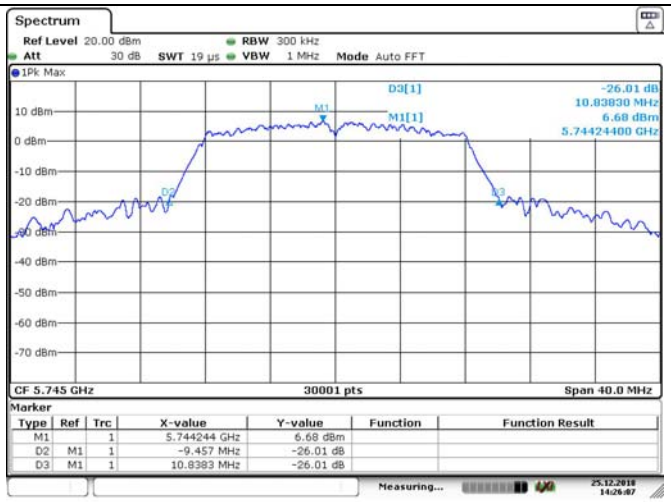


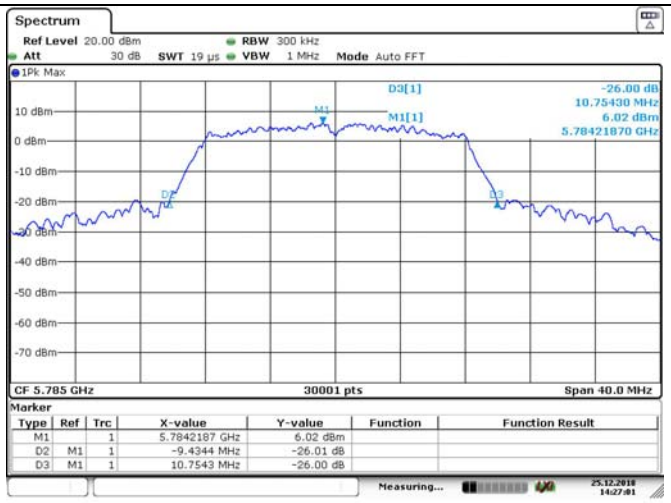
UNII Band III IEEE 802.11n HT40 5670MHz



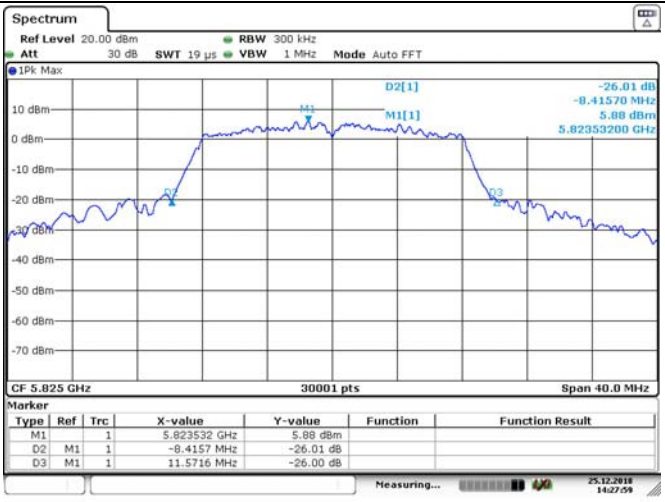
UNII Band IV IEEE 802.11a 5745MHz



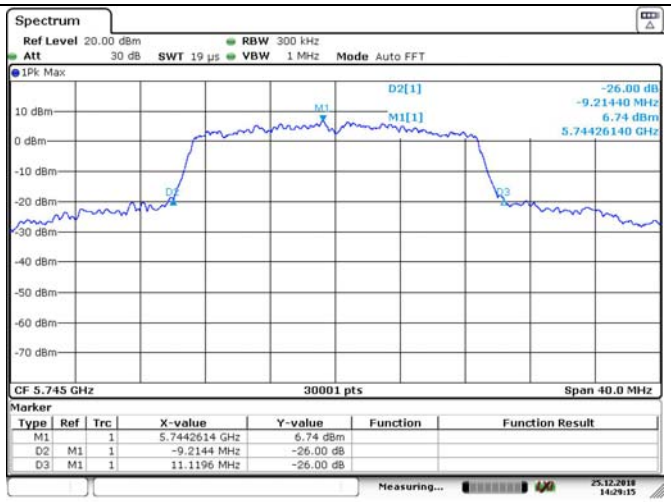
UNII Band IV IEEE 802.11a 5785MHz



UNII Band IV IEEE 802.11a 5825MHz



UNII Band IV IEEE 802.11n HT20 5745MHz



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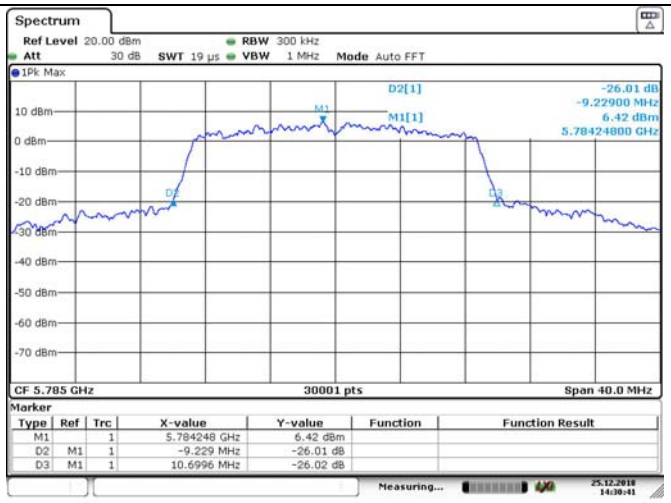
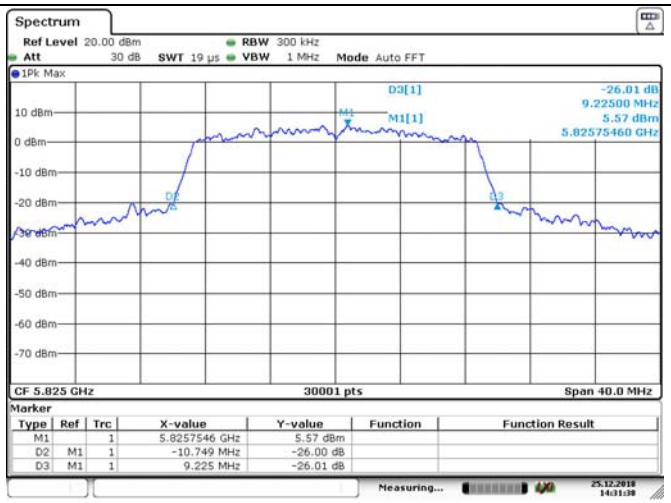
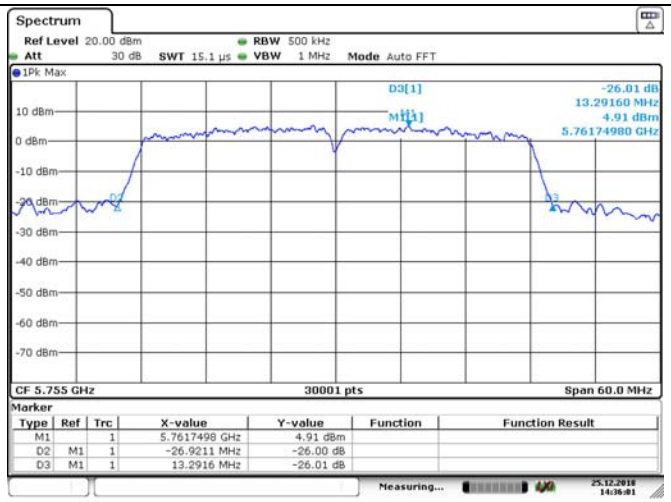


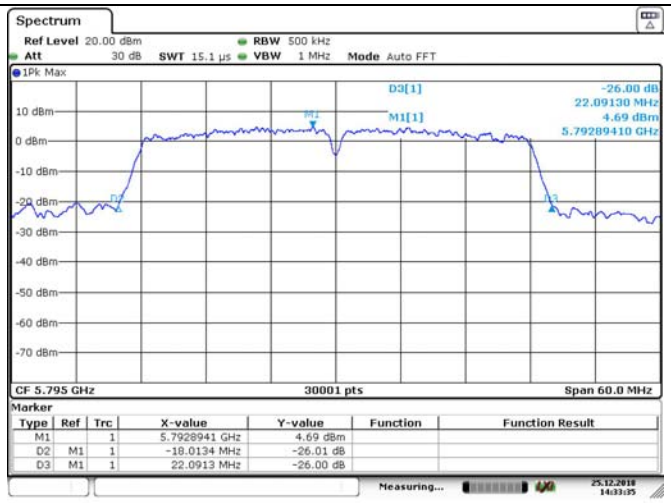
UNII Band IV IEEE 802.11n HT20 5825MHz



UNII Band IV IEEE 802.11n HT40 5755MHz



UNII Band IV IEEE 802.11n HT40 5795MHz



4. 6 DB BANDWIDTH

4.1. Limit

According to §15.407(e), Within the 5.725-5.85 GHz band, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

4.2. Test Procedure

a, The transmitter output (antenna port) was connected to the spectrum analyzer. Connect EUT antenna terminal to the spectrum analyzer with a low loss SMA cable.
b, Place the EUT on the table and set it in the transmitting mode.
c, Set resolution bandwidth (RBW) = 100 kHz
d, Set the video bandwidth (VBW) ≥ 3 x RBW, Detector = Peak.
e, Set the Trace mode = Max hold.
f, Set the Detector = Peak.
g, Set the Sweep = Auto.
h, Measure the maximum width of the emission that is constrained by the frequencies associated with the two amplitude points (upper and lower) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

4.3. Test Information

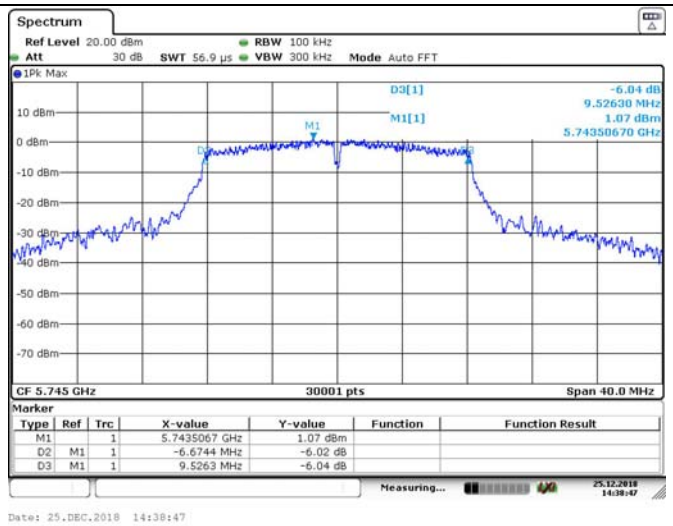
EUT: 10.1" ANDROID TABLET WITH DETACHABLE KEYBOARD		
M/N: ONA19TB007		
Test date: 2018-12-28	Test site: RF sit	Tested by: Seven

4.4. Test Result

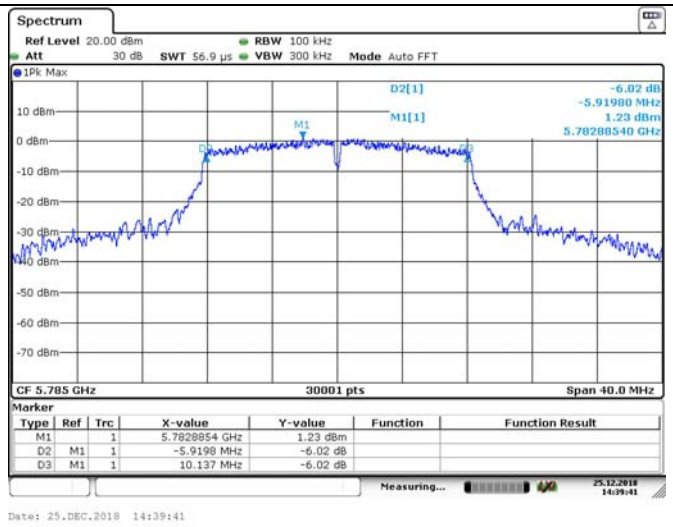
Band	Mode	Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (kHz)
UNII Band IV	IEEE 802.11a	Low	5745	16.20	500
		Middle	5785	16.06	500
		High	5825	16.34	500
	IEEE 802.11n HT20	Low	5745	17.59	500
		Middle	5785	17.58	500
		High	5825	17.59	500
	IEEE 802.11n HT40	Low	5755	36.16	500
		High	5795	36.31	500

4.5. Test Data

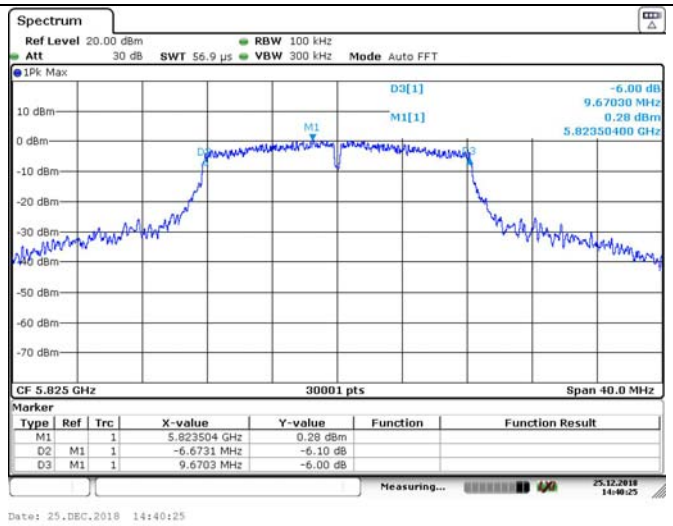
UNII Band IV IEEE 802.11a 5745MHz



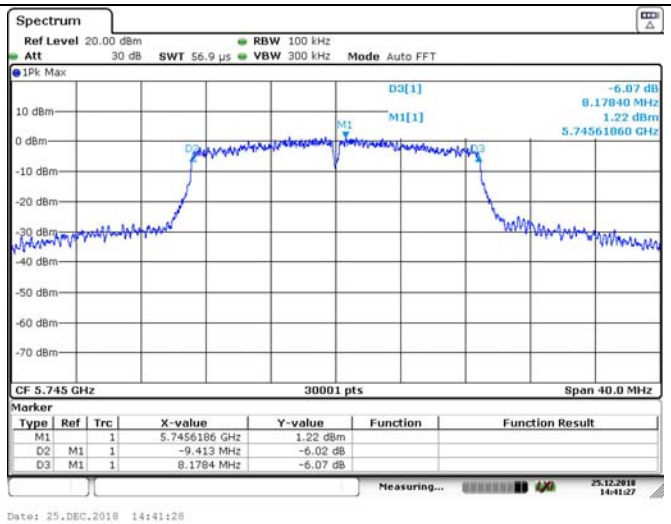
UNII Band IV IEEE 802.11a 5785MHz



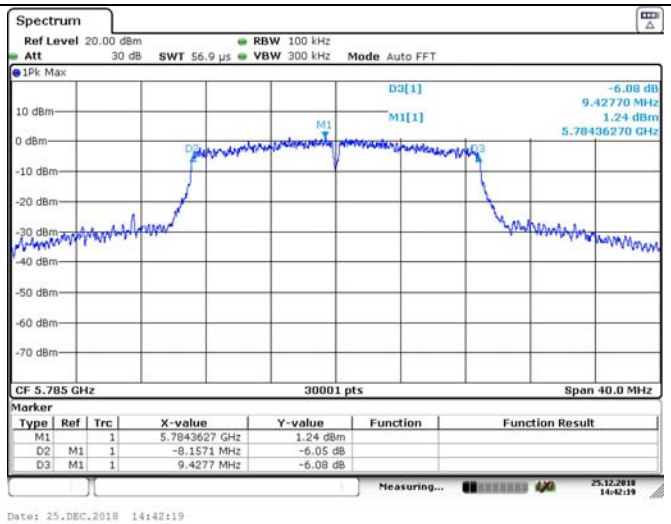
UNII Band IV IEEE 802.11a 5825MHz



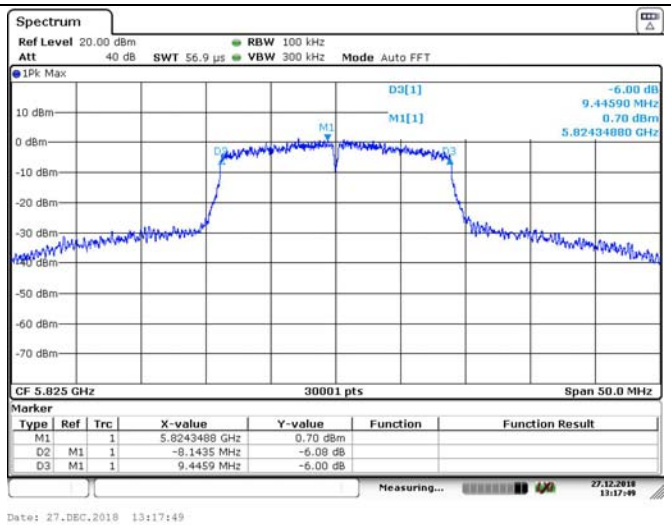
UNII Band IV IEEE 802.11n HT20 5745MHz



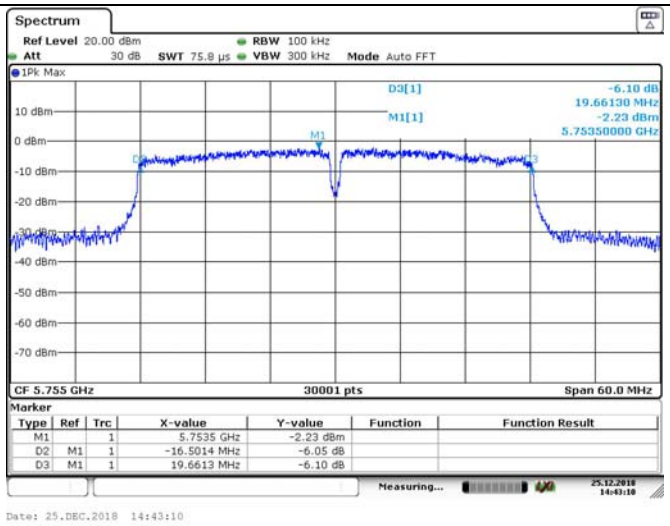
UNII Band IV IEEE 802.11n HT20 5785MHz



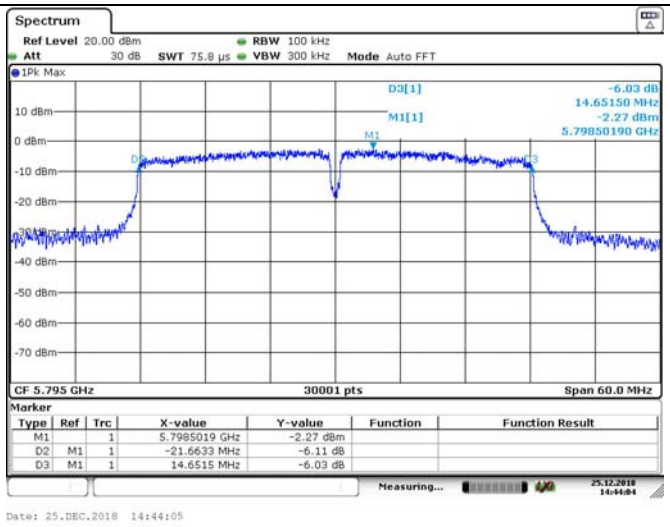
UNII Band IV IEEE 802.11n HT20 5825MHz



UNII Band IV IEEE 802.11n HT40 5755MHz



UNII Band IV IEEE 802.11n HT40 5795MHz



5. OUTPUT POWER

5.1. Limit

According to §15.407(a)& FCC R&O FCC 14 - 30,

(1) For the band 5.15-5.25 GHz.

(i) For an outdoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).

(ii) For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(iii) For fixed point-to-point access points operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power or maximum power spectral density. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power and maximum power spectral density is required for each 1 dB of antenna gain in excess of 23 dBi. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

(iv) For mobile and portable client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(2) For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10log B, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(3) For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral

density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

Note to paragraph (a)(3): The Commission strongly recommends that parties employing U-NII devices to provide critical communications services should determine if there are any nearby Government radar systems that could affect their operation.

Specified Limit of the Output Power

Band	Mode	Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	11 + 10*Log(B) (dBm)	Maximum Conducted Output Power Limit(dBm)
UNII Band I	IEEE 802.11a	Low	5180	21.54	24.33	24.0
		Middle	5200	20.83	24.19	24.0
		High	5240	22.28	24.48	24.0
	IEEE 802.11n HT20	Low	5180	20.49	24.12	24.0
		Middle	5200	20.67	24.15	24.0
		High	5240	20.60	24.14	24.0
	IEEE 802.11n HT40	Low	5190	41.89	27.22	24.0
		High	5230	43.00	27.33	24.0
UNII Band II	IEEE 802.11a	Low	5260	22.32	24.49	24.0
		Middle	5300	21.13	24.25	24.0
		High	5320	20.54	24.13	24.0
	IEEE 802.11n HT20	Low	5260	20.50	24.12	24.0
		Middle	5300	20.92	24.20	24.0
		High	5320	20.92	24.21	24.0
	IEEE 802.11n HT40	Low	5270	41.99	27.23	24.0
		High	5310	42.49	27.28	24.0
UNII Band III	IEEE 802.11a	Low	5500	19.96	24.00	24.0
		Middle	5580	19.99	24.01	24.0
		High	5700	19.95	24.00	24.0
	IEEE 802.11n HT20	Low	5500	19.98	24.01	24.0
		Middle	5580	20.07	24.03	24.0
		High	5700	20.38	24.09	24.0
	IEEE 802.11n HT40	Low	5510	40.61	27.09	24.0
		High	5670	40.85	27.11	24.0

5.2. Test Procedure

The transmitter output (antenna port) was connected to the OSP-B157WB. Connect EUT antenna terminal to the spectrum analyzer with a low loss SMA cable.

5.3. Test Information

EUT:10.1" ANDROID TABLET WITH DETACHABLE KEYBOARD	
M/N: ONA19TB007	
Test date: 2018-12-29	Test site: RF sit Tested by: Seven

5.4. Test Result

Band	Mode	Channel	Frequency (MHz)	Output Power		Maximum Conducted Output Power Limit(dBm)
				mW	dBm	
UNII Band I	IEEE 802.11a	Low	5180	39.81	16.000	24.00
		Middle	5200	46.91	16.713	24.00
		High	5240	47.51	16.768	24.00
	IEEE 802.11n HT20	Low	5180	39.43	15.958	24.00
		Middle	5200	46.38	16.663	24.00
		High	5240	47.11	16.731	24.00
	IEEE 802.11n HT40	Low	5190	42.18	16.256	24.00
		High	5230	50.77	17.056	24.00
Conclusion: Pass						
UNII Band II	IEEE 802.11a	Low	5260	43.47	16.382	24.00
		Middle	5300	44.20	16.454	24.00
		High	5320	48.42	16.850	24.00
	IEEE 802.11n HT20	Low	5260	42.79	16.313	24.00
		Middle	5300	45.00	16.532	24.00
		High	5320	48.41	16.849	24.00
	IEEE 802.11n HT40	Low	5270	42.41	16.275	24.00
		High	5310	47.02	16.723	24.00
Conclusion: Pass						

Band	Mode	Channel	Frequency (MHz)	Output Power		Maximum Conducted Output Power Limit(dBm)
				mW	dBm	
UNII Band III	IEEE 802.11a	Low	5500	29.29	14.660	24.00
		Middle	5580	32.63	15.136	24.00
		High	5700	55.94	17.477	24.00
	IEEE 802.11n HT20	Low	5500	28.58	14.560	24.00
		Middle	5580	32.19	15.077	24.00
		High	5700	56.35	17.509	24.00
	IEEE 802.11n HT40	Low	5510	34.55	15.385	24.00
		High	5670	51.25	17.097	24.00
Conclusion: Pass						
UNII Band IV	IEEE 802.11a	Low	5745	59.73	17.762	30.00
		Middle	5785	51.18	17.091	30.00
		High	5825	39.40	15.955	30.00
	IEEE 802.11n HT20	Low	5745	61.72	17.904	30.00
		Middle	5785	51.67	17.132	30.00
		High	5825	39.08	15.919	30.00
	IEEE 802.11n HT40	Low	5755	61.52	17.890	30.00
		High	5795	46.32	16.658	30.00
Conclusion: Pass						

6. PEAK POWER SPECTRAL DENSITY

6.1. Limit

According to §15.407(a) & FCC R&O FCC 14-30

(1) For the band 5.15-5.25 GHz.

(i) For an outdoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).

(ii) For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(iii) For fixed point-to-point access points operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power or maximum power spectral density. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power and maximum power spectral density is required for each 1 dB of antenna gain in excess of 23 dBi. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

(iv) For mobile and portable client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(2) For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(3) For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

Note to paragraph (a)(3): The Commission strongly recommends that parties employing U-NII devices to provide critical communications services should determine if there are any nearby Government radar systems that could affect their operation.

6.2. Test Procedure

a, The transmitter output (antenna port) was connected to the spectrum analyzer. Connect EUT antenna terminal to the spectrum analyzer with a low loss SMA cable.
b, Place the EUT on the table and set it in the transmitting mode.
c, For devices operating in the bands 5.15-5.25 GHz,Set the spectrum analyzer as RBW = 1MHz, VBW = 3MHz, Span > 26dB bandwidth, Sweep=1ms
d, For devices operating in the bands 5.725-5.85 GHz,Set the spectrum analyzer as RBW = 500kHz, VBW = 1.5 MHz, Span > 26dB bandwidth, Sweep=1ms
e, Record the max. reading.
f, Repeat the above procedure until the measurements for all frequencies are completed

6.3. Test Information

EUT:10.1" ANDROID TABLET WITH DETACHABLE KEYBOARD	
M/N: ONA19TB007	
Test date: 2018-12-29	Test site: RF sit Tested by: Seven

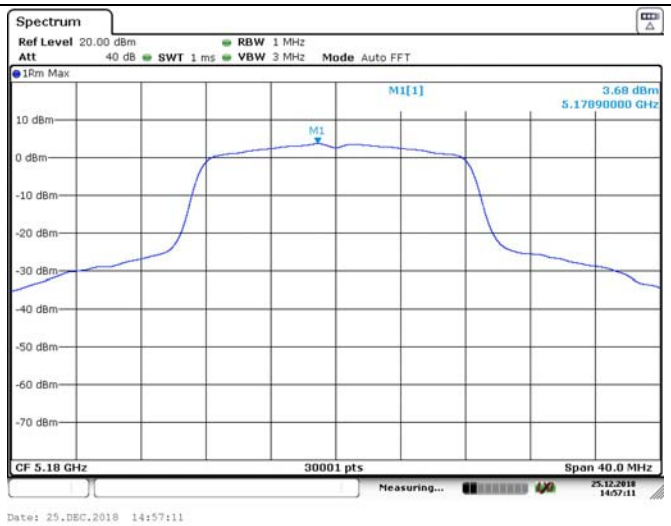
6.4. Test Result

Band	Mode	Channel	Frequency (MHz)	Peak Power Spectral Density (dBm)	Limit
				Ant	
UNII Band I	IEEE 802.11a	Low	5180	3.68	11.00 dBm/MHz
		Middle	5200	3.66	
		High	5240	3.77	
	IEEE 802.11n HT20	Low	5180	3.44	
		Middle	5200	3.38	
		High	5240	3.77	
	IEEE 802.11n HT40	Low	5190	0.25	
		High	5230	0.18	
Conclusion: Pass					
UNII Band II	IEEE 802.11a	Low	5260	3.81	11.00 dBm/MHz
		Middle	5300	3.60	
		High	5320	3.84	
	IEEE 802.11n HT20	Low	5260	4.15	
		Middle	5300	3.78	
		High	5320	3.39	
	IEEE 802.11n HT40	Low	5270	0.31	
		High	5310	0.23	
Conclusion: Pass					

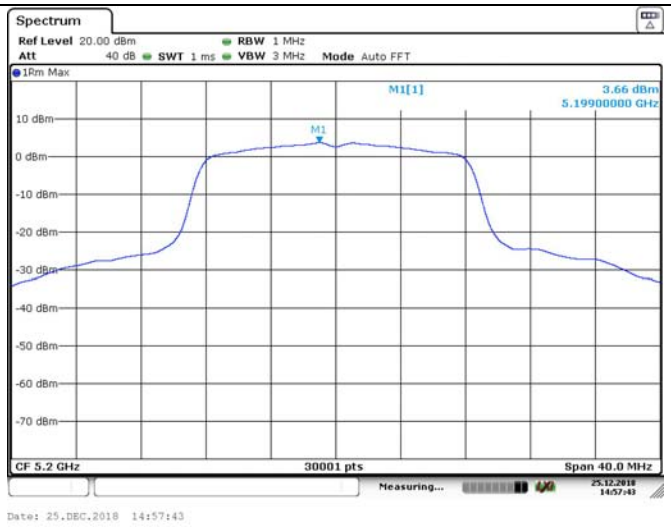
Band	Mode	Channel	Frequency (MHz)	Peak Power Spectral Density (dBm)	Limit
				Ant	
UNII Band III	IEEE 802.11a	Low	5500	2.28	11.00 dBm/MHz
		Middle	5580	3.30	
		High	5700	4.65	
	IEEE 802.11n HT20	Low	5500	2.00	
		Middle	5580	3.12	
		High	5700	4.73	
	IEEE 802.11n HT40	Low	5510	-1.19	
		High	5670	1.04	
Conclusion: Pass					
UNII Band IV	IEEE 802.11a	Low	5745	1.82	30.00 dBm/500kHz
		Middle	5785	1.39	
		High	5825	0.87	
	IEEE 802.11n HT20	Low	5745	1.59	
		Middle	5785	2.10	
		High	5825	0.71	
	IEEE 802.11n HT40	Low	5755	-2.13	
		High	5795	-2.41	
Conclusion: Pass					

6.5. Test Data

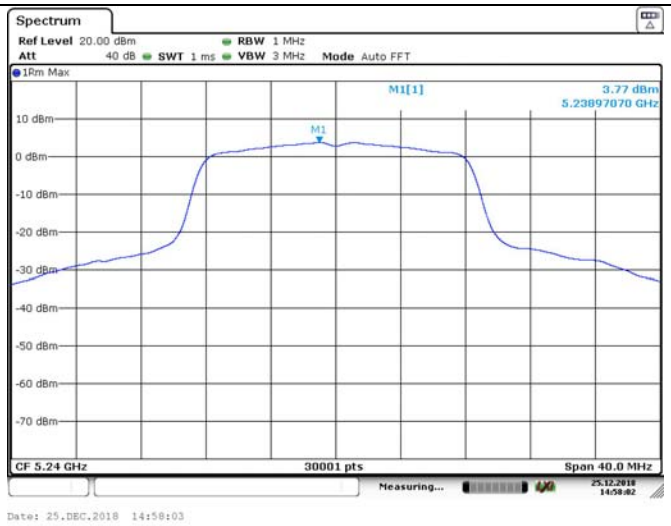
UNII Band I IEEE 802.11a 5180MHz

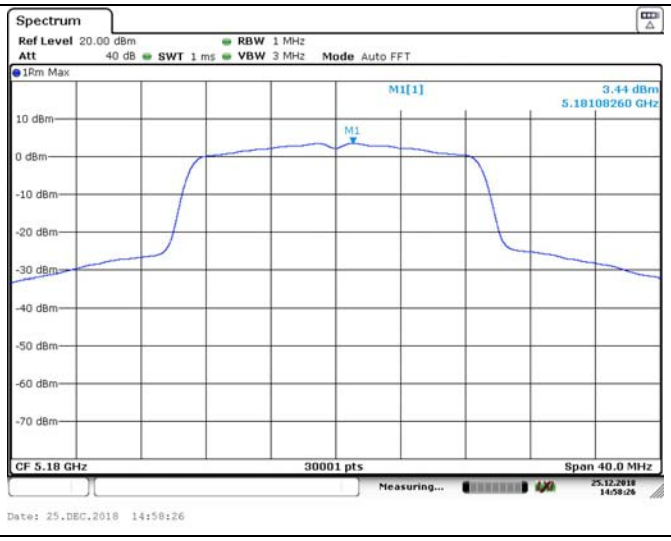


UNII Band I IEEE 802.11a 5200MHz



UNII Band I IEEE 802.11a 5240MHz



UNII Band I IEEE 802.11n HT20 5180MHz

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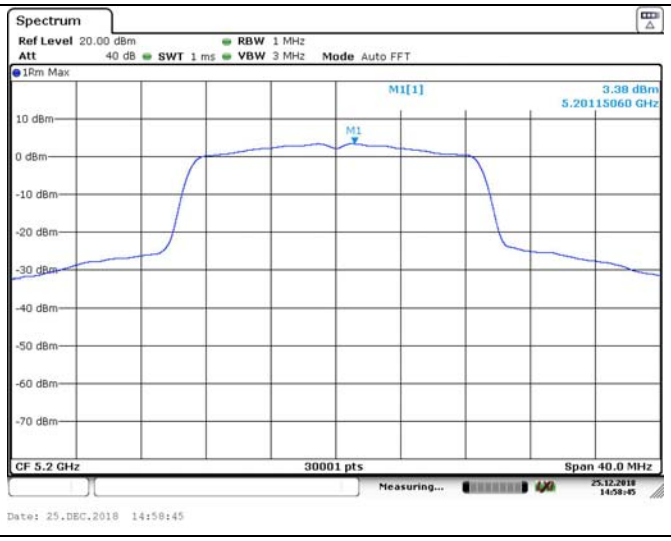
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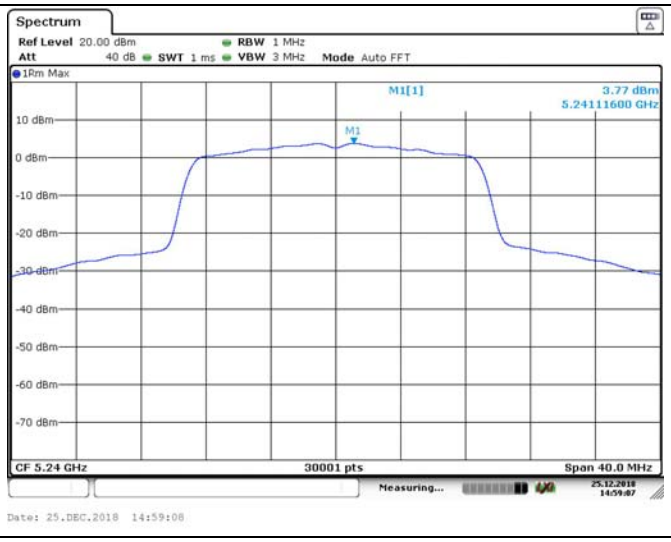
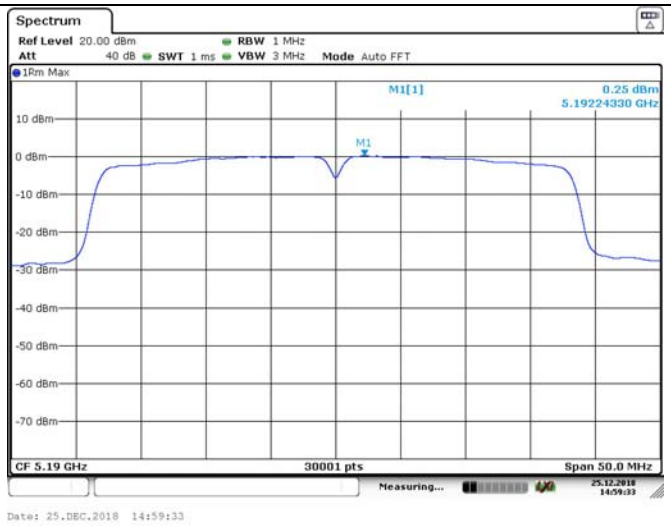
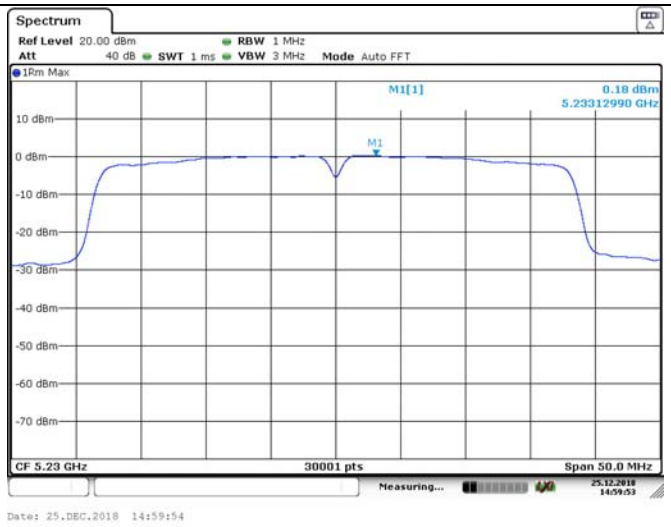
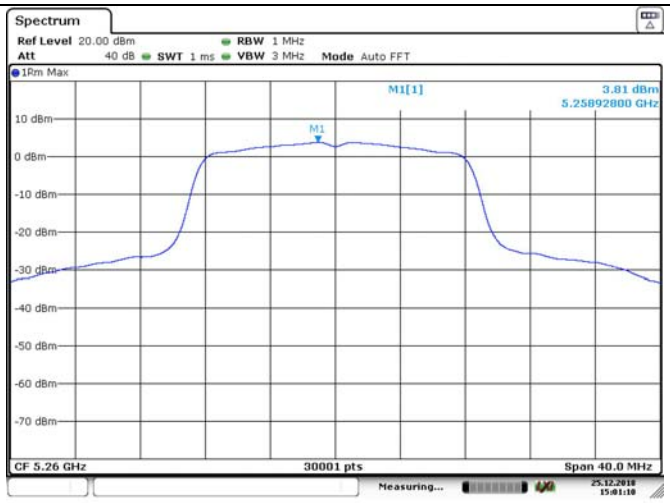
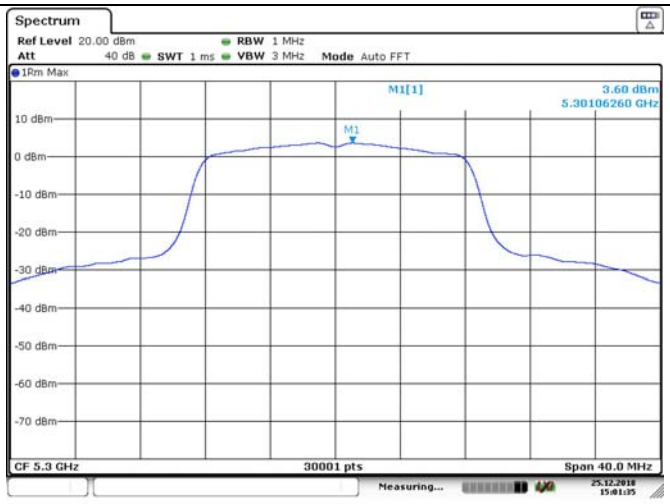
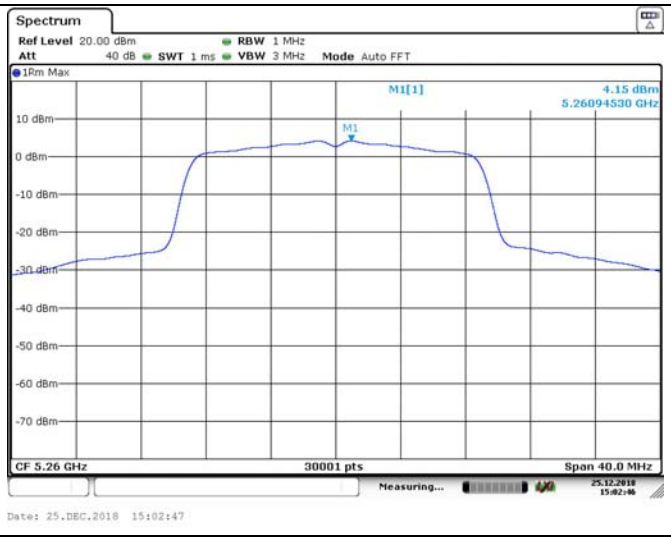


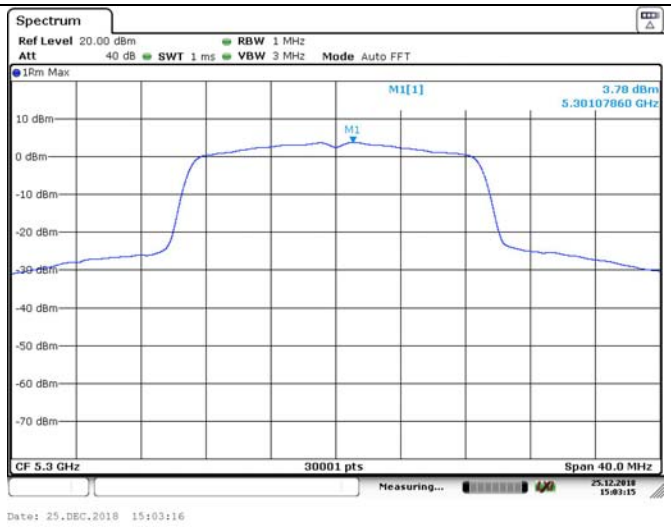
UNII Band I IEEE 802.11n HT40 5190MHz

UNII Band I IEEE 802.11n HT40 5230MHz


UNII Band II IEEE 802.11a 5260MHz

UNII Band II IEEE 802.11a 5300MHz

UNII Band II IEEE 802.11a 5320MHz

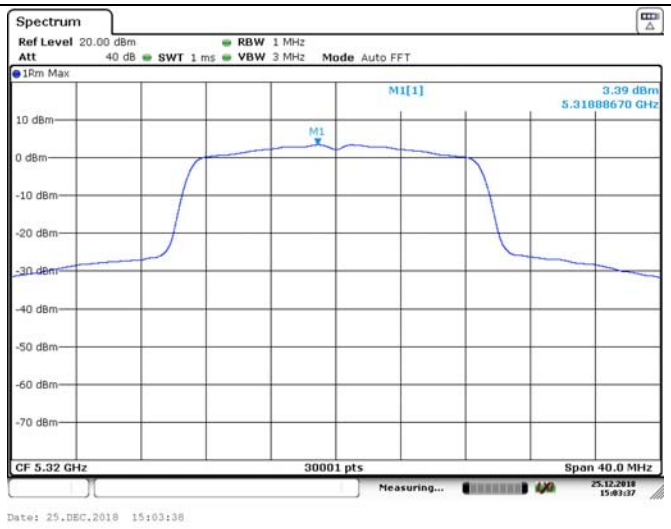

UNII Band II IEEE 802.11n HT20 5260MHz

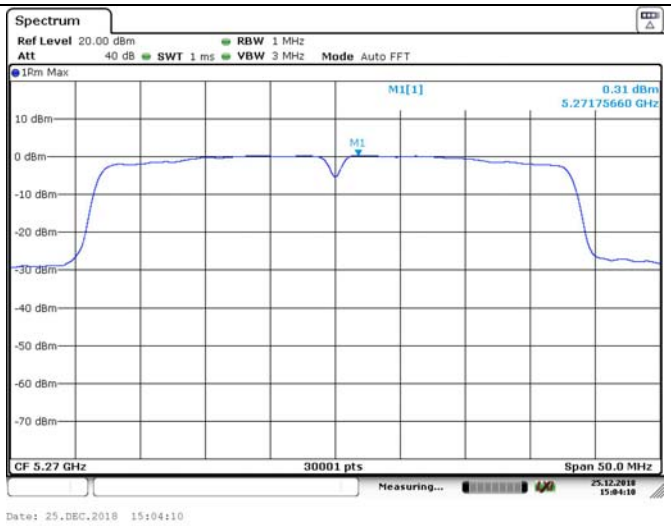
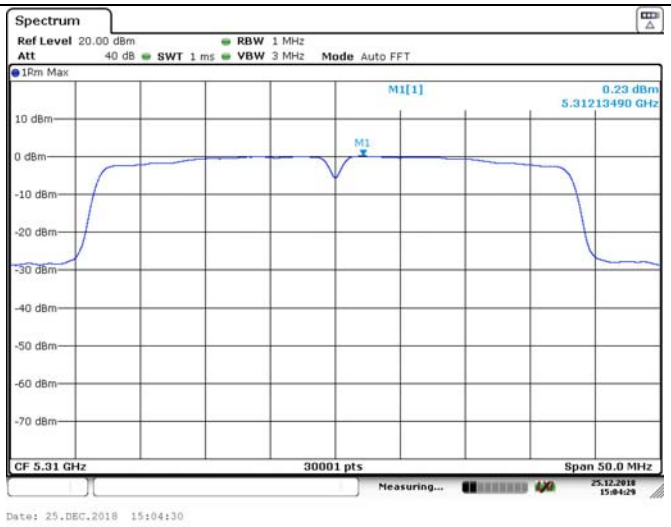


UNII Band II IEEE 802.11n HT20 5300MHz

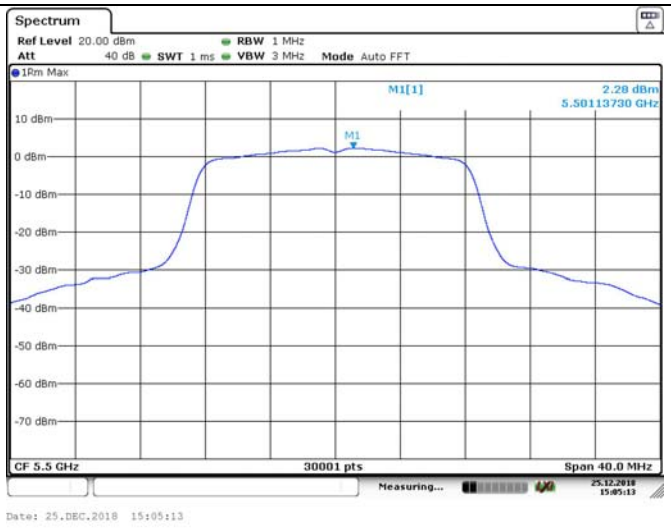


UNII Band II IEEE 802.11n HT20 5320MHz

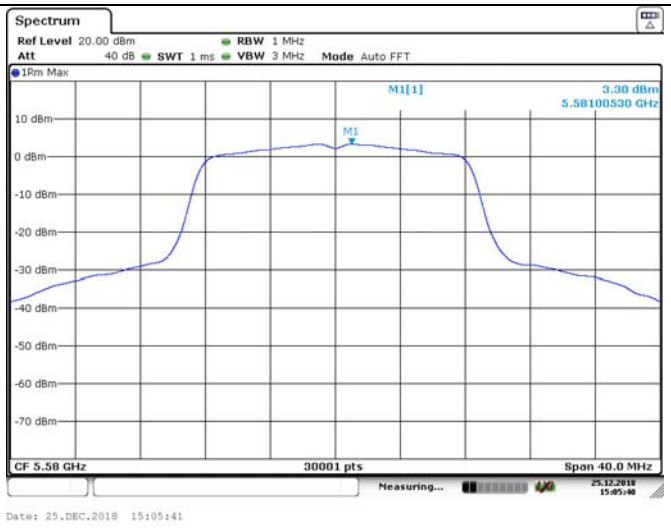


UNII Band II IEEE 802.11n HT40 5270MHz

UNII Band II IEEE 802.11n HT40 5310MHz


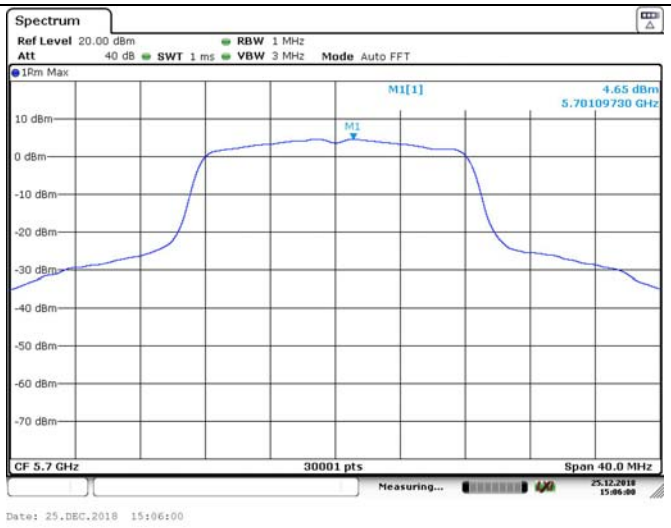
UNII Band III IEEE 802.11a 5500MHz

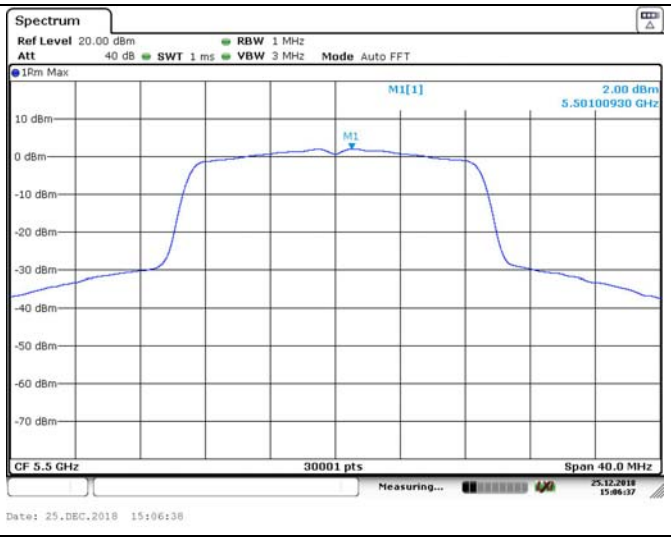


UNII Band III IEEE 802.11a 5580MHz



UNII Band III IEEE 802.11a 5700MHz



UNII Band III IEEE 802.11n HT20 5500MHz

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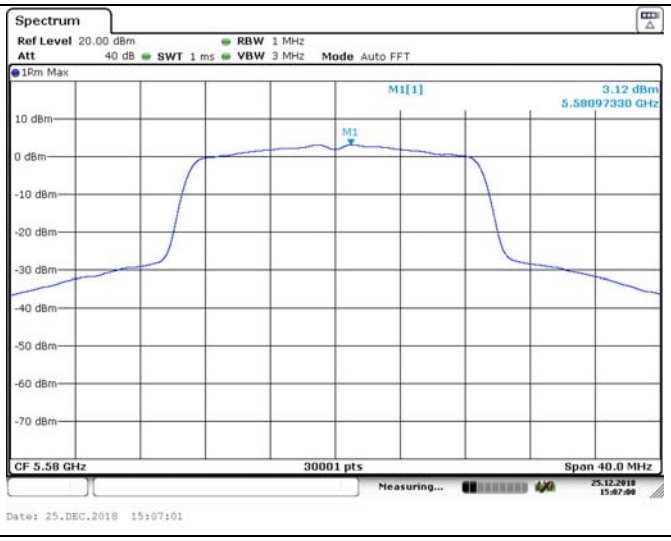
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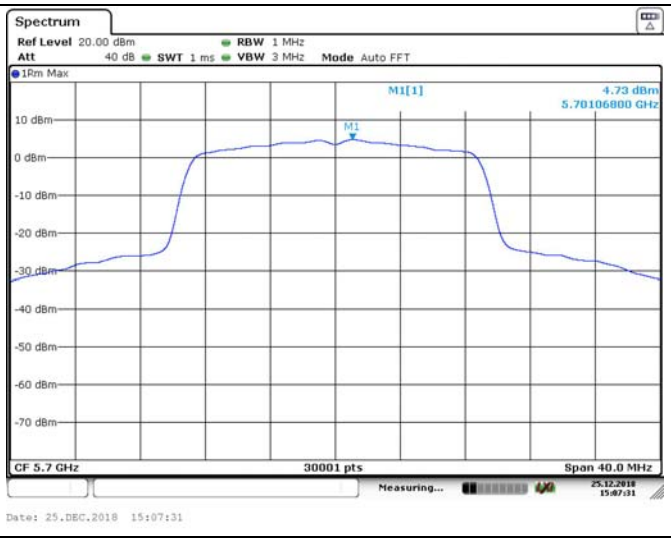
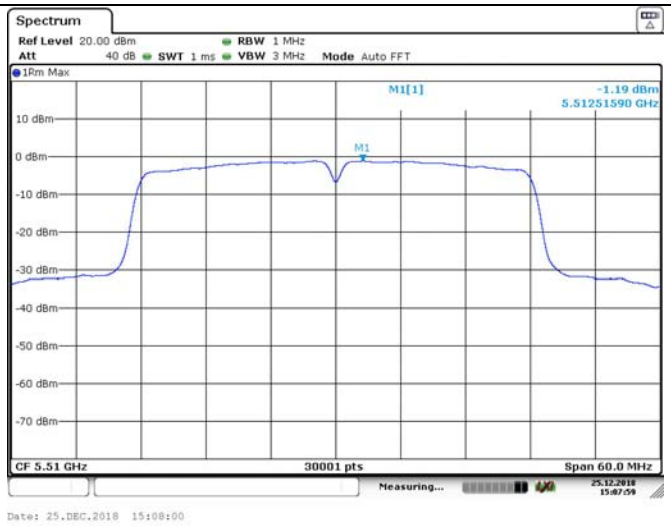
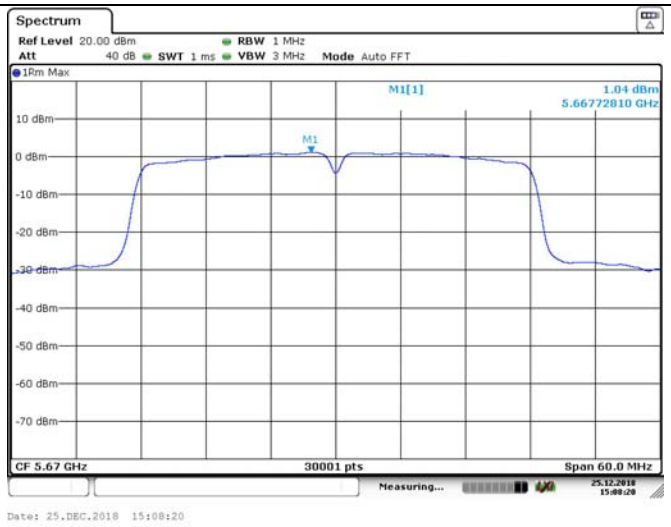
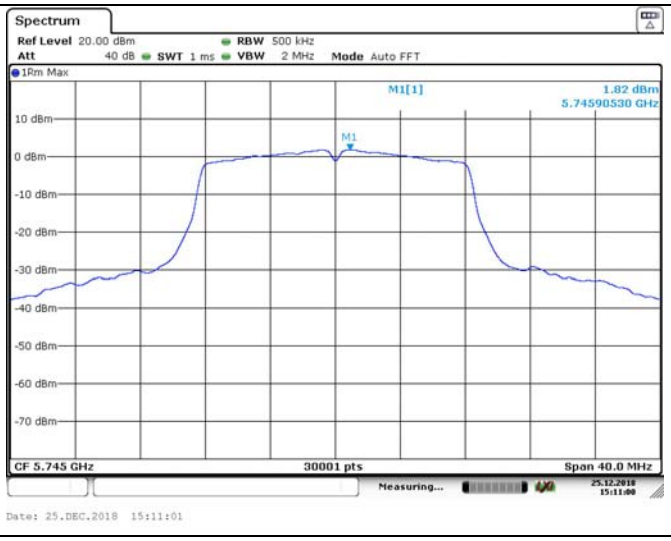
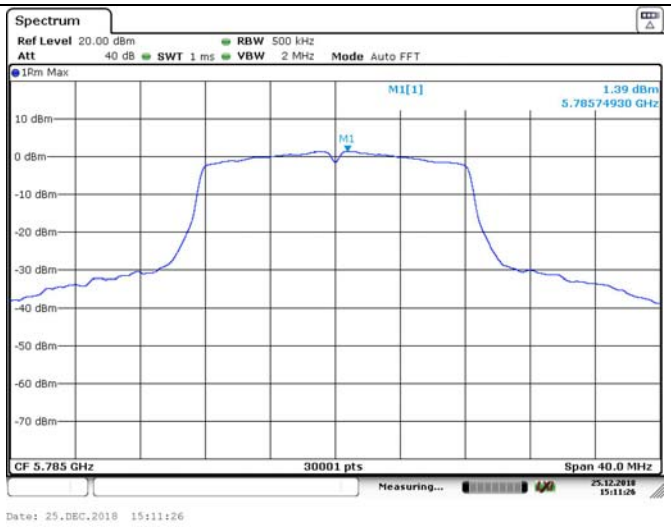


UNII Band III IEEE 802.11n HT40 5510MHz

UNII Band III IEEE 802.11n HT40 5670MHz


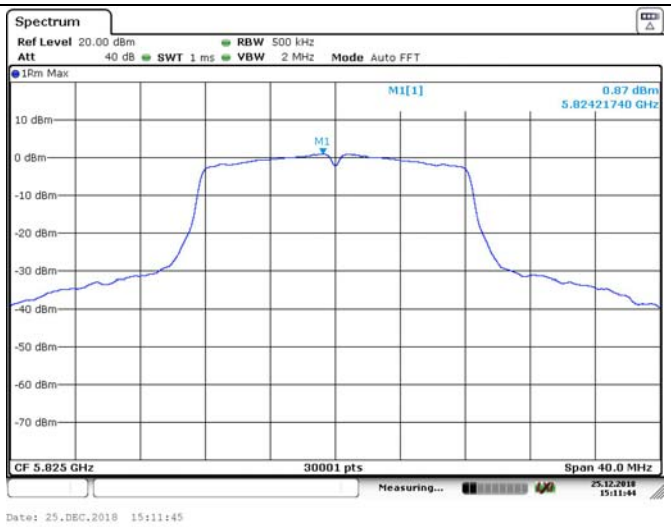
UNII Band IV IEEE 802.11a 5745MHz



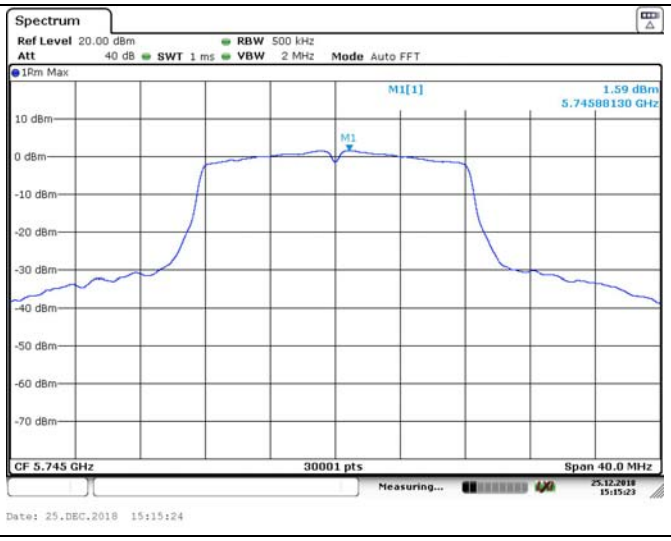
UNII Band IV IEEE 802.11a 5785MHz



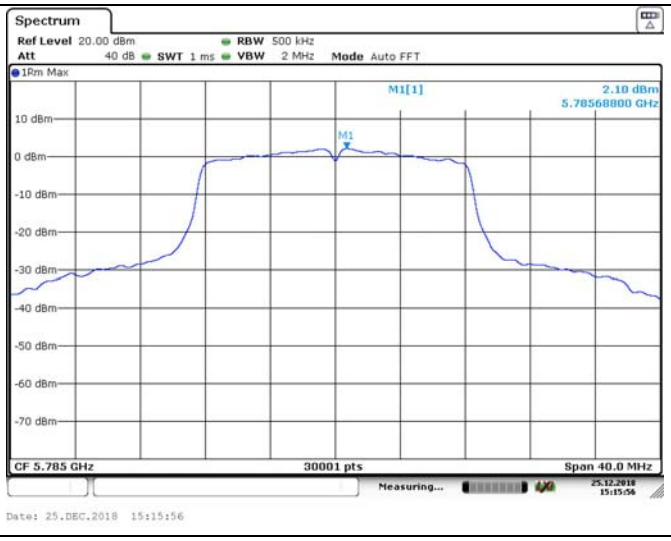
UNII Band IV IEEE 802.11a 5825MHz



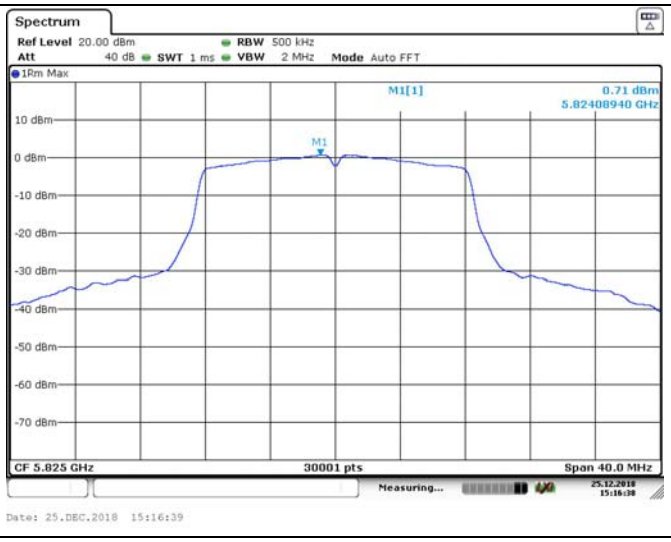
UNII Band IV IEEE 802.11n HT20 5745MHz

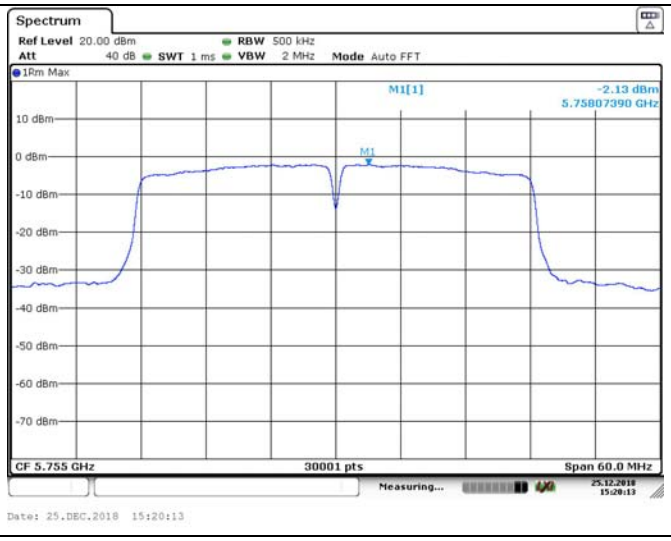
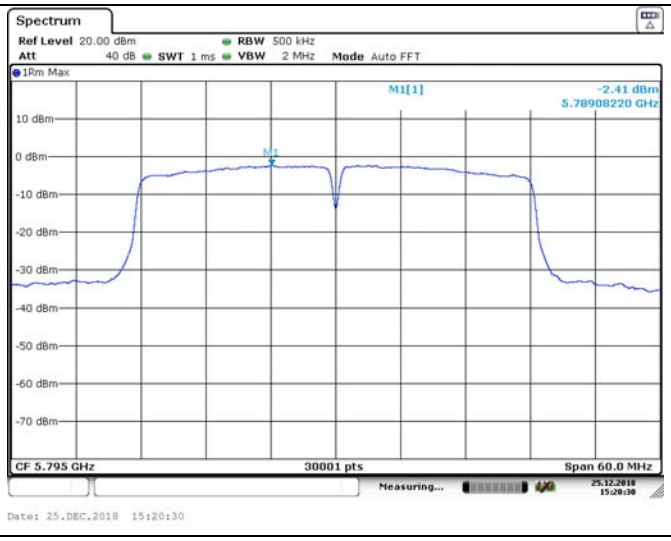


UNII Band IV IEEE 802.11n HT20 5785MHz



UNII Band IV IEEE 802.11n HT20 5825MHz



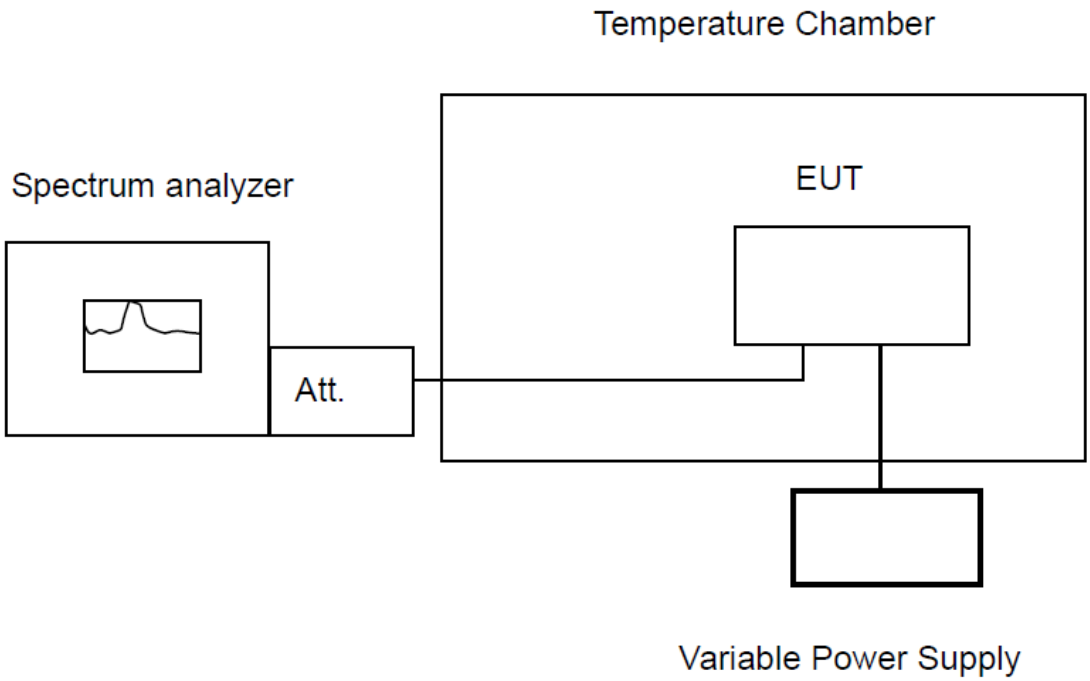
UNII Band IV IEEE 802.11n HT40 5755MHz

UNII Band IV IEEE 802.11n HT40 5795MHz


7. FREQUENCY STABILITY

7.1. Limit

According to §15.407(g), 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 Procedure



Remark :

a, The transmitter output (antenna port) was connected to the spectrum analyzer. Connect EUT antenna terminal to the spectrum analyzer with a low loss SMA cable.

b, Place the EUT on the table and set it in the un-modulation transmitting mode.

c, The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 20℃ operating frequency as reference frequency. Turn EUT off and set the chamber temperature to –20℃. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10℃ increased per stage until the highest temperature of +50℃ reached.

7.3. Test Information

EUT:10.1" ANDROID TABLET WITH DETACHABLE KEYBOARD	
M/N: ONA19TB007	
Test date: 2018-12-29	Test site: RF sit Tested by: Seven

7.4. Test Result

Band	Mode	Temperature (℃)	Voltage (V)	Measured Frequency (MHz) Ant	Limit Range (MHz)	Result
UNII Band I	IEEE 802.11a 5180MHz	50	120	5180.128536	5150-5250	Pass
		40	120	5180.12716	5150-5250	Pass
		30	120	5180.115842	5150-5250	Pass
		20	120	5180.111579	5150-5250	Pass
		10	120	5180.105798	5150-5250	Pass
		0	120	5180.101356	5150-5250	Pass
		-10	120	5180.114893	5150-5250	Pass
		-20	120	5180.122688	5150-5250	Pass
		20	108	5180.112235	5150-5250	Pass
		20	120	5180.125686	5150-5250	Pass
		20	132	5180.122386	5150-5250	Pass

Band	Mode	Temperature (℃)	Voltage (V)	Measured Frequency (MHz) Ant	Limit Range (MHz)	Result
UNII Band I	IEEE 802.11a 5200MHz	50	120	5200.129856	5150-5250	Pass
		40	120	5200.122689	5150-5250	Pass
		30	120	5200.121689	5150-5250	Pass
		20	120	5200.111658	5150-5250	Pass
		10	120	5200.112689	5150-5250	Pass
		0	120	5200.101688	5150-5250	Pass
		-10	120	5200.121710	5150-5250	Pass
		-20	120	5200.131360	5150-5250	Pass
		20	108	5200.121035	5150-5250	Pass
		20	120	5200.116894	5150-5250	Pass
		20	132	5200.124639	5150-5250	Pass

Band	Mode	Temperature (℃)	Voltage (V)	Measured Frequency (MHz)	Limit Range (MHz)	Result
				Ant		
UNII Band I	IEEE 802.11a 5240MHz	50	120	5240.121353	5150-5250	Pass
		40	120	5240.111356	5150-5250	Pass
		30	120	5240.111356	5150-5250	Pass
		20	120	5240.122235	5150-5250	Pass
		10	120	5240.102589	5150-5250	Pass
		0	120	5240.121259	5150-5250	Pass
		-10	120	5240.112369	5150-5250	Pass
		-20	120	5240.114793	5150-5250	Pass
		20	108	5240.120367	5150-5250	Pass
		20	120	5240.110687	5150-5250	Pass
		20	132	5240.102689	5150-5250	Pass

Band	Mode	Temperature (℃)	Voltage (V)	Measured Frequency (MHz)	Limit Range (MHz)	Result
				Ant		
UNII Band II	IEEE 802.11a 5260MHz	50	120	5260.115890	5250-5350	Pass
		40	120	5260.121222	5250-5350	Pass
		30	120	5260.121599	5250-5350	Pass
		20	120	5260.112665	5250-5350	Pass
		10	120	5260.101165	5250-5350	Pass
		0	120	5260.115698	5250-5350	Pass
		-10	120	5260.101589	5250-5350	Pass
		-20	120	5260.121589	5250-5350	Pass
		20	108	5260.121689	5250-5350	Pass
		20	120	5260.124899	5250-5350	Pass
		20	132	5260.120015	5250-5350	Pass

Band	Mode	Temperature (℃)	Voltage (V)	Measured Frequency (MHz)	Limit Range (MHz)	Result
				Ant		
UNII Band II	IEEE 802.11a 5300MHz	50	120	5300.128999	5250-5350	Pass
		40	120	5300.126897	5250-5350	Pass
		30	120	5300.102689	5250-5350	Pass
		20	120	5300.121589	5250-5350	Pass
		10	120	5300.110000	5250-5350	Pass
		0	120	5300.124987	5250-5350	Pass
		-10	120	5300.111689	5250-5350	Pass
		-20	120	5300.122233	5250-5350	Pass
		20	108	5300.125455	5250-5350	Pass
		20	120	5300.115989	5250-5350	Pass
		20	132	5300.105668	5250-5350	Pass

Band	Mode	Temperature (℃)	Voltage (V)	Measured Frequency (MHz)	Limit Range (MHz)	Result
				Ant 1		
UNII Band II	IEEE 802.11a 5320MHz	50	120	5320.120498	5250-5350	Pass
		40	120	5320.111130	5250-5350	Pass
		30	120	5320.125993	5250-5350	Pass
		20	120	5320.110088	5250-5350	Pass
		10	120	5320.112692	5250-5350	Pass
		0	120	5320.115986	5250-5350	Pass
		-10	120	5320.115888	5250-5350	Pass
		-20	120	5320.112626	5250-5350	Pass
		20	108	5320.112586	5250-5350	Pass
		20	120	5320.115583	5250-5350	Pass
		20	132	5320.111568	5250-5350	Pass

Band	Mode	Temperature (℃)	Voltage (V)	Measured Frequency (MHz)	Limit Range (MHz)	Result
				Ant		
UNII Band III	IEEE 802.11a 5500MHz	50	120	5500.118899	5475-5725	Pass
		40	120	5500.115689	5475-5725	Pass
		30	120	5500.111533	5475-5725	Pass
		20	120	5500.122699	5475-5725	Pass
		10	120	5500.111255	5475-5725	Pass
		0	120	5500.122335	5475-5725	Pass
		-10	120	5500.112656	5475-5725	Pass
		-20	120	5500.122656	5475-5725	Pass
		20	108	5500.112656	5475-5725	Pass
		20	120	5500.113333	5475-5725	Pass
		20	132	5500.1126896	5475-5725	Pass

Band	Mode	Temperature (℃)	Voltage (V)	Measured Frequency (MHz)	Limit Range (MHz)	Result
				Ant 1		
UNII Band III	IEEE 802.11a 5580MHz	50	120	5580.128435	5475-5725	Pass
		40	120	5580.122659	5475-5725	Pass
		30	120	5580.112655	5475-5725	Pass
		20	120	5580.101515	5475-5725	Pass
		10	120	5580.112585	5475-5725	Pass
		0	120	5580.102656	5475-5725	Pass
		-10	120	5580.122555	5475-5725	Pass
		-20	120	5580.122356	5475-5725	Pass
		20	108	5580.112658	5475-5725	Pass
		20	120	5580.102650	5475-5725	Pass
		20	132	5580.111286	5475-5725	Pass

Band	Mode	Temperature (℃)	Voltage (V)	Measured Frequency (MHz)	Limit Range (MHz)	Result
				Ant		
UNII Band III	IEEE 802.11a 5700MHz	50	120	5700.135589	5475-5725	Pass
		40	120	5700.112253	5475-5725	Pass
		30	120	5700.112598	5475-5725	Pass
		20	120	5700.112525	5475-5725	Pass
		10	120	5700.113365	5475-5725	Pass
		0	120	5700.121568	5475-5725	Pass
		-10	120	5700.112698	5475-5725	Pass
		-20	120	5700.112330	5475-5725	Pass
		20	108	5700.120350	5475-5725	Pass
		20	120	5700.114980	5475-5725	Pass
		20	132	5700.127841	5475-5725	Pass

Band	Mode	Temperature (℃)	Voltage (V)	Measured Frequency (MHz)	Limit Range (MHz)	Result
				Ant		
UNII Band IV	IEEE 802.11a 5745MHz	50	120	5745.121234	5725-5850	Pass
		40	120	5745.122519	5725-5850	Pass
		30	120	5745.102115	5725-5850	Pass
		20	120	5745.102223	5725-5850	Pass
		10	120	5745.102022	5725-5850	Pass
		0	120	5745.118911	5725-5850	Pass
		-10	120	5745.101227	5725-5850	Pass
		-20	120	5745.113031	5725-5850	Pass
		20	108	5745.105430	5725-5850	Pass
		20	120	5745.112585	5725-5850	Pass
		20	132	5745.101313	5725-5850	Pass

Band	Mode	Temperature (℃)	Voltage (V)	Measured Frequency (MHz)	Limit Range (MHz)	Result
				Ant		
UNII Band IV	IEEE 802.11a 5785MHz	50	120	5785.122358	5725-5850	Pass
		40	120	5785.121320	5725-5850	Pass
		30	120	5785.112727	5725-5850	Pass
		20	120	5785.114055	5725-5850	Pass
		10	120	5785.112036	5725-5850	Pass
		0	120	5785.112659	5725-5850	Pass
		-10	120	5785.112365	5725-5850	Pass
		-20	120	5785.112689	5725-5850	Pass
		20	108	5785.112656	5725-5850	Pass
		20	120	5785.112659	5725-5850	Pass
		20	132	5785.112145	5725-5850	Pass

Band	Mode	Temperature (℃)	Voltage (V)	Measured Frequency (MHz) Ant	Limit Range (MHz)	Result
UNII Band IV	IEEE 802.11a 5825MHz	50	120	5785.131515	5725-5850	Pass
		40	120	5785.111515	5725-5850	Pass
		30	120	5785.112143	5725-5850	Pass
		20	120	5785.111559	5725-5850	Pass
		10	120	5785.111589	5725-5850	Pass
		0	120	5785.112689	5725-5850	Pass
		-10	120	5785.122689	5725-5850	Pass
		-20	120	5785.111658	5725-5850	Pass
		20	108	5785.122689	5725-5850	Pass
		20	120	5785.121569	5725-5850	Pass
		20	132	5785.112682	5725-5850	Pass

Band	Mode	Temperature (℃)	Voltage (V)	Measured Frequency (MHz) Ant	Limit Range (MHz)	Result
UNII Band I	IEEE 802.11n HT20 5180MHz	50	120	5180.132658	5150-5250	Pass
		40	120	5180.112669	5150-5250	Pass
		30	120	5180.122689	5150-5250	Pass
		20	120	5180.112659	5150-5250	Pass
		10	120	5180.110035	5150-5250	Pass
		0	120	5180.126564	5150-5250	Pass
		-10	120	5180.115743	5150-5250	Pass
		-20	120	5180.111656	5150-5250	Pass
		20	108	5180.121655	5150-5250	Pass
		20	120	5180.112659	5150-5250	Pass
		20	132	5180.122365	5150-5250	Pass

Band	Mode	Temperature (℃)	Voltage (V)	Measured Frequency (MHz) Ant	Limit Range (MHz)	Result
UNII Band I	IEEE 802.11n HT20 5200MHz	50	120	5200.111589	5150-5250	Pass
		40	120	5200.112659	5150-5250	Pass
		30	120	5200.111032	5150-5250	Pass
		20	120	5200.116564	5150-5250	Pass
		10	120	5200.111352	5150-5250	Pass
		0	120	5200.121356	5150-5250	Pass
		-10	120	5200.111335	5150-5250	Pass
		-20	120	5200.121689	5150-5250	Pass
		20	108	5200.121686	5150-5250	Pass
		20	120	5200.112686	5150-5250	Pass
		20	132	5200.112365	5150-5250	Pass

Band	Mode	Temperature (℃)	Voltage (V)	Measured Frequency (MHz) Ant	Limit Range (MHz)	Result
UNII Band I	IEEE 802.11n HT20 5240MHz	50	120	5240.112689	5150-5250	Pass
		40	120	5240.112356	5150-5250	Pass
		30	120	5240.122356	5150-5250	Pass
		20	120	5240.111356	5150-5250	Pass
		10	120	5240.112356	5150-5250	Pass
		0	120	5240.112356	5150-5250	Pass
		-10	120	5240.112356	5150-5250	Pass
		-20	120	5240.115699	5150-5250	Pass
		20	108	5240.122693	5150-5250	Pass
		20	120	5240.112682	5150-5250	Pass
		20	132	5240.112696	5150-5250	Pass

Band	Mode	Temperature (℃)	Voltage (V)	Measured Frequency (MHz) Ant	Limit Range (MHz)	Result
UNII Band II	IEEE 802.11n HT20 5260MHz	50	120	5260.121655	5250-5350	Pass
		40	120	5260.12166	5250-5350	Pass
		30	120	5260.121659	5250-5350	Pass
		20	120	5260.111659	5250-5350	Pass
		10	120	5260.111285	5250-5350	Pass
		0	120	5260.112659	5250-5350	Pass
		-10	120	5260.112659	5250-5350	Pass
		-20	120	5260.111359	5250-5350	Pass
		20	108	5260.112365	5250-5350	Pass
		20	120	5260.112365	5250-5350	Pass
		20	132	5260.122365	5250-5350	Pass

Band	Mode	Temperature (℃)	Voltage (V)	Measured Frequency (MHz) Ant	Limit Range (MHz)	Result
UNII Band II	IEEE 802.11n HT20 5300MHz	50	120	5300.111356	5250-5350	Pass
		40	120	5300.122365	5250-5350	Pass
		30	120	5300.111356	5250-5350	Pass
		20	120	5300.112357	5250-5350	Pass
		10	120	5300.111596	5250-5350	Pass
		0	120	5300.111568	5250-5350	Pass
		-10	120	5300.121543	5250-5350	Pass
		-20	120	5300.111528	5250-5350	Pass
		20	108	5300.118621	5250-5350	Pass
		20	120	5300.112351	5250-5350	Pass
		20	132	5300.111354	5250-5350	Pass

Band	Mode	Temperature (℃)	Voltage (V)	Measured Frequency (MHz)	Limit Range (MHz)	Result
				Ant		
UNII Band II	IEEE 802.11n HT20 5320MHz	50	120	5320.111656	5250-5350	Pass
		40	120	5320.112356	5250-5350	Pass
		30	120	5320.121359	5250-5350	Pass
		20	120	5320.11132	5250-5350	Pass
		10	120	5320.111651	5250-5350	Pass
		0	120	5320.111351	5250-5350	Pass
		-10	120	5320.111145	5250-5350	Pass
		-20	120	5320.111356	5250-5350	Pass
		20	108	5320.111356	5250-5350	Pass
		20	120	5320.111356	5250-5350	Pass
		20	132	5320.111378	5250-5350	Pass

Band	Mode	Temperature (℃)	Voltage (V)	Measured Frequency (MHz)	Limit Range (MHz)	Result
				Ant 1		
UNII Band III	IEEE 802.11n HT20 5500MHz	50	120	5500.121356	5475-5725	Pass
		40	120	5500.111356	5475-5725	Pass
		30	120	5500.111356	5475-5725	Pass
		20	120	5500.111356	5475-5725	Pass
		10	120	5500.111356	5475-5725	Pass
		0	120	5500.111359	5475-5725	Pass
		-10	120	5500.111358	5475-5725	Pass
		-20	120	5500.111663	5475-5725	Pass
		20	108	5500.110369	5475-5725	Pass
		20	120	5500.121359	5475-5725	Pass
		20	132	5500.111589	5475-5725	Pass

Band	Mode	Temperature (℃)	Voltage (V)	Measured Frequency (MHz)	Limit Range (MHz)	Result
				Ant 1		
UNII Band III	IEEE 802.11n HT20 5580MHz	50	120	5580.121689	5475-5725	Pass
		40	120	5580.112398	5475-5725	Pass
		30	120	5580.101686	5475-5725	Pass
		20	120	5580.111356	5475-5725	Pass
		10	120	5580.111356	5475-5725	Pass
		0	120	5580.111548	5475-5725	Pass
		-10	120	5580.120510	5475-5725	Pass
		-20	120	5580.111666	5475-5725	Pass
		20	108	5580.111561	5475-5725	Pass
		20	120	5580.141356	5475-5725	Pass
		20	132	5580.111656	5475-5725	Pass

Band	Mode	Temperature (℃)	Voltage (V)	Measured Frequency (MHz) Ant	Limit Range (MHz)	Result
UNII Band III	IEEE 802.11n HT20 5700MHz	50	120	5700.124659	5475-5725	Pass
		40	120	5700.111656	5475-5725	Pass
		30	120	5700.123269	5475-5725	Pass
		20	120	5700.118334	5475-5725	Pass
		10	120	5700.121656	5475-5725	Pass
		0	120	5700.115689	5475-5725	Pass
		-10	120	5700.118656	5475-5725	Pass
		-20	120	5700.111659	5475-5725	Pass
		20	108	5700.111356	5475-5725	Pass
		20	120	5700.118913	5475-5725	Pass
		20	132	5700.11115	5475-5725	Pass

Band	Mode	Temperature (℃)	Voltage (V)	Measured Frequency (MHz) Ant	Limit Range (MHz)	Result
UNII Band IV	IEEE 802.11n HT20 5745MHz	50	120	5745.124663	5725-5850	Pass
		40	120	5745.115632	5725-5850	Pass
		30	120	5745.125642	5725-5850	Pass
		20	120	5745.115686	5725-5850	Pass
		10	120	5745.112356	5725-5850	Pass
		0	120	5745.111356	5725-5850	Pass
		-10	120	5745.101656	5725-5850	Pass
		-20	120	5745.116565	5725-5850	Pass
		20	108	5745.125653	5725-5850	Pass
		20	120	5745.112356	5725-5850	Pass
		20	132	5745.126564	5725-5850	Pass

Band	Mode	Temperature (℃)	Voltage (V)	Measured Frequency (MHz) Ant	Limit Range (MHz)	Result
UNII Band IV	IEEE 802.11n HT20 5785MHz	50	120	5785.174656	5725-5850	Pass
		40	120	5785.112356	5725-5850	Pass
		30	120	5785.112356	5725-5850	Pass
		20	120	5785.111356	5725-5850	Pass
		10	120	5785.111356	5725-5850	Pass
		0	120	5785.111656	5725-5850	Pass
		-10	120	5785.121659	5725-5850	Pass
		-20	120	5785.111656	5725-5850	Pass
		20	108	5785.122669	5725-5850	Pass
		20	120	5785.113326	5725-5850	Pass
		20	132	5785.115694	5725-5850	Pass

Band	Mode	Temperature (℃)	Voltage (V)	Measured Frequency (MHz)	Limit Range (MHz)	Result
				Ant		
UNII Band IV	IEEE 802.11n HT20 5825MHz	50	120	5825.135989	5725-5850	Pass
		40	120	5825.112636	5725-5850	Pass
		30	120	5825.122613	5725-5850	Pass
		20	120	5825.115698	5725-5850	Pass
		10	120	5825.111659	5725-5850	Pass
		0	120	5825.112356	5725-5850	Pass
		-10	120	5825.121356	5725-5850	Pass
		-20	120	5825.111669	5725-5850	Pass
		20	108	5825.112389	5725-5850	Pass
		20	120	5825.121362	5725-5850	Pass
		20	132	5825.123365	5725-5850	Pass

Band	Mode	Temperature (℃)	Voltage (V)	Measured Frequency (MHz)	Limit Range (MHz)	Result
				Ant		
UNII Band I	IEEE 802.11n HT40 5190MHz	50	120	5190.135923	5150-5250	Pass
		40	120	5190.135695	5150-5250	Pass
		30	120	5190.132356	5150-5250	Pass
		20	120	5190.122359	5150-5250	Pass
		10	120	5190.132699	5150-5250	Pass
		0	120	5190.132695	5150-5250	Pass
		-10	120	5190.132695	5150-5250	Pass
		-20	120	5190.132656	5150-5250	Pass
		20	108	5190.132659	5150-5250	Pass
		20	120	5190.132656	5150-5250	Pass
		20	132	5190.132698	5150-5250	Pass

Band	Mode	Temperature (℃)	Voltage (V)	Measured Frequency (MHz)	Limit Range (MHz)	Result
				Ant		
UNII Band I	IEEE 802.11n HT40 5230MHz	50	120	5230.135698	5150-5250	Pass
		40	120	5230.134689	5150-5250	Pass
		30	120	5230.131659	5150-5250	Pass
		20	120	5230.131659	5150-5250	Pass
		10	120	5230.131359	5150-5250	Pass
		0	120	5230.131658	5150-5250	Pass
		-10	120	5230.132659	5150-5250	Pass
		-20	120	5230.132659	5150-5250	Pass
		20	108	5230.126592	5150-5250	Pass
		20	120	5230.132356	5150-5250	Pass
		20	132	5230.132656	5150-5250	Pass

Band	Mode	Temperature (℃)	Voltage (V)	Measured Frequency (MHz) Ant	Limit Range (MHz)	Result
UNII Band II	IEEE 802.11n HT40 5270MHz	50	120	5270.132689	5250-5350	Pass
		40	120	5270.135686	5250-5350	Pass
		30	120	5270.132656	5250-5350	Pass
		20	120	5270.112365	5250-5350	Pass
		10	120	5270.132356	5250-5350	Pass
		0	120	5270.132356	5250-5350	Pass
		-10	120	5270.132356	5250-5350	Pass
		-20	120	5270.132656	5250-5350	Pass
		20	108	5270.132653	5250-5350	Pass
		20	120	5270.132365	5250-5350	Pass
		20	132	5270.132652	5250-5350	Pass

Band	Mode	Temperature (℃)	Voltage (V)	Measured Frequency (MHz) Ant	Limit Range (MHz)	Result
UNII Band II	IEEE 802.11n HT40 5310MHz	50	120	5310.136566	5250-5350	Pass
		40	120	5310.132356	5250-5350	Pass
		30	120	5310.134565	5250-5350	Pass
		20	120	5310.121355	5250-5350	Pass
		10	120	5310.131332	5250-5350	Pass
		0	120	5310.132356	5250-5350	Pass
		-10	120	5310.131356	5250-5350	Pass
		-20	120	5310.131355	5250-5350	Pass
		20	108	5310.131552	5250-5350	Pass
		20	120	5310.131335	5250-5350	Pass
		20	132	5310.132135	5250-5350	Pass

Band	Mode	Temperature (℃)	Voltage (V)	Measured Frequency (MHz) Ant	Limit Range (MHz)	Result
UNII Band III	IEEE 802.11n HT40 5510MHz	50	120	5510.121566	5475-5725	Pass
		40	120	5510.122656	5475-5725	Pass
		30	120	5510.122656	5475-5725	Pass
		20	120	5510.132656	5475-5725	Pass
		10	120	5510.122363	5475-5725	Pass
		0	120	5510.122359	5475-5725	Pass
		-10	120	5510.121659	5475-5725	Pass
		-20	120	5510.122689	5475-5725	Pass
		20	108	5510.122689	5475-5725	Pass
		20	120	5510.122689	5475-5725	Pass
		20	132	5510.122684	5475-5725	Pass

Band	Mode	Temperature (℃)	Voltage (V)	Measured Frequency (MHz) Ant	Limit Range (MHz)	Result
UNII Band III	IEEE 802.11n HT40 5670MHz	50	120	5670.124689	5475-5725	Pass
		40	120	5670.126899	5475-5725	Pass
		30	120	5670.125614	5475-5725	Pass
		20	120	5670.134650	5475-5725	Pass
		10	120	5670.124585	5475-5725	Pass
		0	120	5670.121165	5475-5725	Pass
		-10	120	5670.122152	5475-5725	Pass
		-20	120	5670.122654	5475-5725	Pass
		20	108	5670.121289	5475-5725	Pass
		20	120	5670.124514	5475-5725	Pass
		20	132	5670.122331	5475-5725	Pass

Band	Mode	Temperature (℃)	Voltage (V)	Measured Frequency (MHz) Ant	Limit Range (MHz)	Result
UNII Band IV	IEEE 802.11n HT40 5755MHz	50	120	5755.121656	5725-5850	Pass
		40	120	5755.121352	5725-5850	Pass
		30	120	5755.121356	5725-5850	Pass
		20	120	5755.131656	5725-5850	Pass
		10	120	5755.122659	5725-5850	Pass
		0	120	5755.126568	5725-5850	Pass
		-10	120	5755.122659	5725-5850	Pass
		-20	120	5755.122365	5725-5850	Pass
		20	108	5755.122356	5725-5850	Pass
		20	120	5755.122356	5725-5850	Pass
		20	132	5755.122354	5725-5850	Pass

Band	Mode	Temperature (℃)	Voltage (V)	Measured Frequency (MHz) Ant	Limit Range (MHz)	Result
UNII Band IV	IEEE 802.11n HT40 5795MHz	50	120	5795.124569	5725-5850	Pass
		40	120	5795.121356	5725-5850	Pass
		30	120	5795.121356	5725-5850	Pass
		20	120	5795.131365	5725-5850	Pass
		10	120	5795.121554	5725-5850	Pass
		0	120	5795.121351	5725-5850	Pass
		-10	120	5795.122352	5725-5850	Pass
		-20	120	5795.121987	5725-5850	Pass
		20	108	5795.124589	5725-5850	Pass
		20	120	5795.126544	5725-5850	Pass
		20	132	5795.125652	5725-5850	Pass

8. RADIATED SPURIOUS EMISSIONS

8.1. Limit

All the emissions appearing within 15.205 restricted frequency bands shall not exceed the limits shown in 15.209&15.407(b), all the other emissions shall be at least 20dB below the fundamental emissions, or comply with 15.209 &15.407(b)limits.

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])

15.209 &15.407(b) Limit

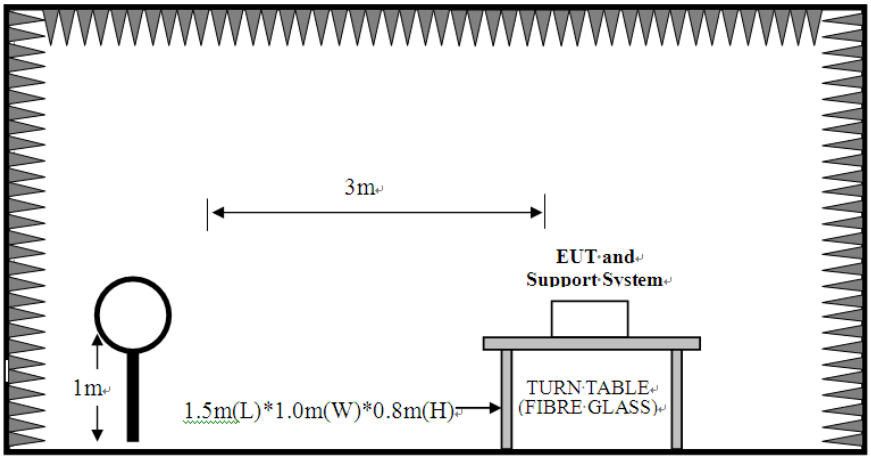
Frequency (MHz)	Field Strength(μV/m)	Distance(m)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

Remark：(1) Emission level dBμV = 20 log Emission level μV/m
(2) The smaller limit shall apply at the cross point between two frequency bands.
(3) Distance is the distance in meters between the measuring instrument, antenna and the closest point of any part of the device or system.

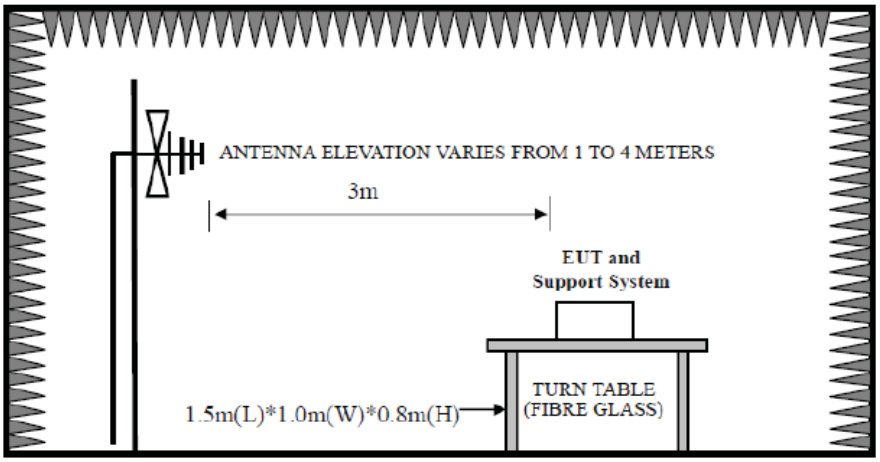
5150 MHz - 5250 MHz : e.i.r.p -27 dBm (68.2dBuV/m@3m)
5250 MHz - 5350 MHz : e.i.r.p -27 dBm (68.2dBuV/m@3m)
5470 MHz - 5725 MHz : e.i.r.p -27 dBm (68.2dBuV/m@3m)
5725 MHz - 5850 MHz : all emissions shall be limited to a level of -27 dBm/Mhz at 75Mhz or more above or below the band edge increasing linearly to 10dBm/Mhz at 25 Mhz above or below the band edge ,and from 25Mhz above or below the band edge increasing linearly to to a level of 15.6 dBm/Mhz at 5MHz above or below the band edge ,and from 5Mhz above or below the band edge increasing linearly to a level of 27 dBm/Mhz at the band edge.

8.2. Block Diagram of Test setup

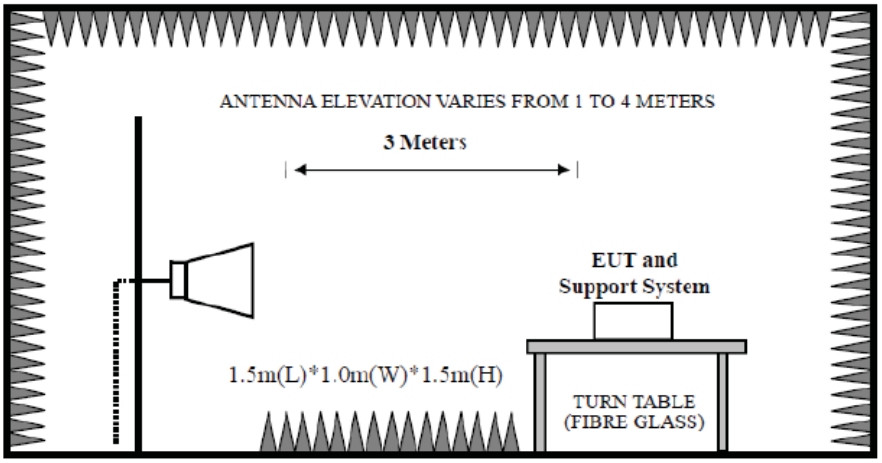
9kHz~30MHz



30~1000MHz



Above 1GHz



8.3. Test Procedure

EUT was placed on a turn table, which is 0.8 meter high above ground for 9kHz~1000MHz test, and which is 1.5 meter high above ground for above 1GHz test. The turn table can rotate 360 degrees to determine the position of the maximum emission level. Power on the EUT and let it working in test mode, then test it. EUT is set 3 meters away from the receiving antenna, which is mounted on a antenna tower. The antenna can be moved up and down 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.

The test frequency analyzer system was set to Peak Detect (300Hz RBW in 9kHz to 150kHz and 10kHz RBW in 150kHz to 30MHz) Function and Specified Bandwidth with Maximum Hold Mode.

The bandwidth of the EMI test receiver (R&S ESVS10) is set at 120kHz for frequency range from 30MHz to 1000 MHz.

The bandwidth of the Spectrum's VBW is set at 1MHz and RBW is set at 1MHz for peak emissions measurement above 1GHz and 1MHz RBW, 10Hz VBW for average emissions measure above 1GHz

PEAK detector, 1MHz/1MHz for PAEK measurement,

PEAK detector, 1MHz/10Hz for Average measurement

The frequency range from 9 kHz to 10th harmonic are checked.

8.4. Test Result

Pass

Note: 1、For emissions above 1GHz, if peak level comply with average limit, then the average level is deemed to comply with average limit.

2、 The frequency 5180MHz 、5190MHz、5200MHz、5230 MHz、5240 MHz、5260 MHz、5270 MHz、5300 MHz、5310 MHz、5320 MHz、5500 MHz、5510 MHz、5580 MHz、5670 MHz、5700 MHz、5745 MHz、5755 MHz、5785 MHz、5795 MHz、5825MHz is fundamental frequency which no limit, the limit on plots is automatically generated by the software, it's not fundamental limit, we can't remove it.

8.5. Test Data

9 kHz – 30 MHz

Pass

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

30 MHz – 1000 MHz

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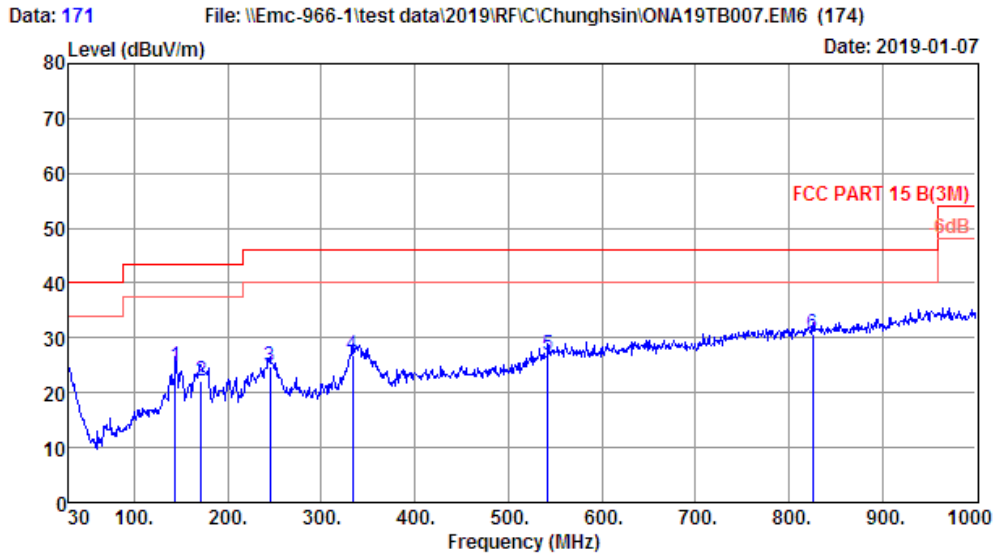


```
Site no.      : 1# 966 Chamber              Data no.  : 171
Dis. / Ant.   : 3m   27090                  Ant. pol. : HORIZONTAL
Limit         : FCC PART 15 B(3M)
Env. / Ins.   : Temp:21.6';Humi:50.4%;Press:101.52kPa
Engineer      : Frank
EUT           : 10.1"ANDROID TABLET
                WITH DETACHABLE KEYBOARD
Power         : DC 5V From Adapter Input AC 120V/60Hz
M/N           : ONA19TB007
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
1	143.49	11.35	0.96	12.35	24.66	43.50	18.84	QP
2	171.62	9.51	1.06	11.56	22.13	43.50	21.37	QP
3	245.34	11.79	1.43	11.48	24.70	46.00	21.30	QP
4	333.61	14.24	1.74	10.99	26.97	46.00	19.03	QP
5	542.16	20.38	2.42	4.19	26.99	46.00	19.01	QP
6	825.40	23.41	3.18	4.17	30.76	46.00	15.24	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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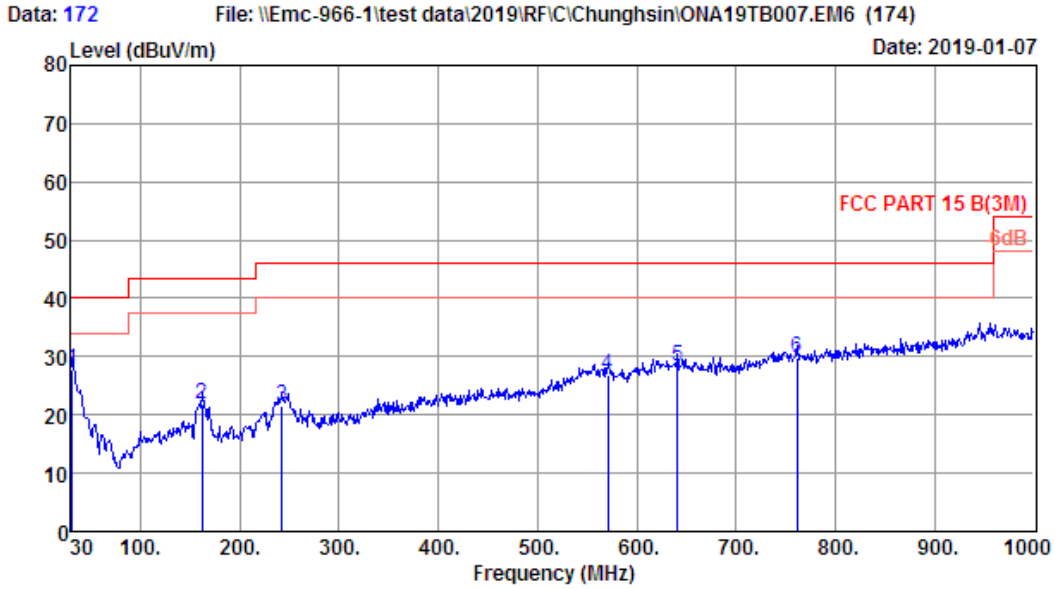

Site no. : 1# 966 Chamber Data no. : 172
Dis. / Ant. : 3m 27090 Ant. pol. : VERTICAL
Limit : FCC PART 15 B(3M)
Env. / Ins. : Temp:21.6';Humi:50.4%;Press:101.52kPa
Engineer : Frank
EUT : 10.1"ANDROID TABLET
WITH DETACHABLE KEYBOARD
Power : DC 5V From Adapter Input AC 120V/60Hz
M/N : ONA19TB007
Test Mode : TX Mode

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.97	18.48	0.20	9.14	27.82	40.00	12.18	QP
2	161.92	10.16	1.05	10.67	21.88	43.50	21.62	QP
3	242.43	11.25	1.39	8.97	21.61	46.00	24.39	QP
4	571.26	20.65	2.49	3.76	26.90	46.00	19.10	QP
5	641.10	20.88	2.69	4.74	28.31	46.00	17.69	QP
6	761.38	22.85	3.04	3.86	29.75	46.00	16.25	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.

1000-18000 MHz

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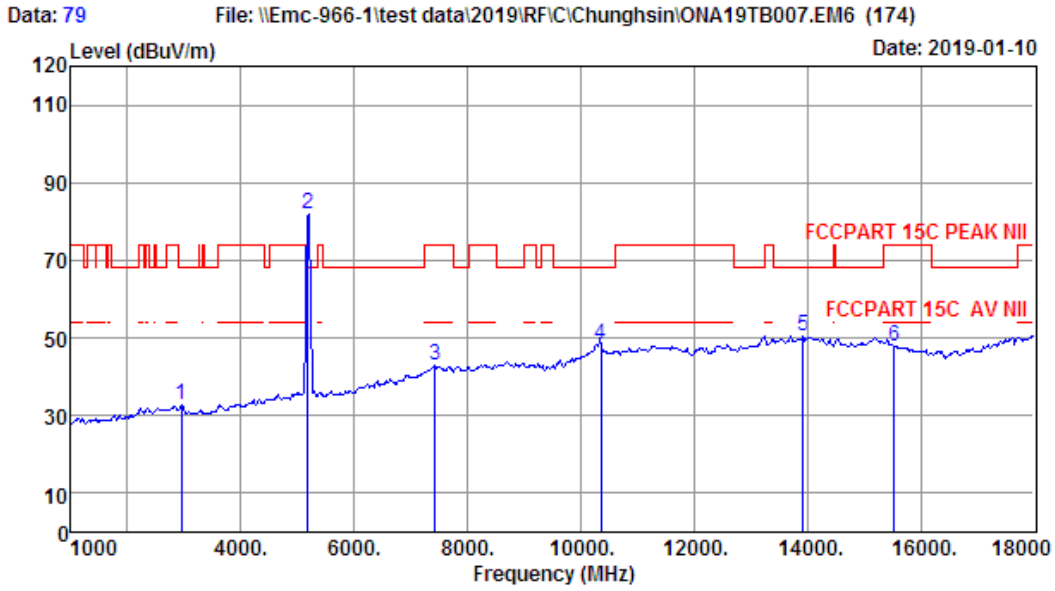


```
Site no.      : 1# 966 Chamber              Data no.  : 79
Dis. / Ant.   : 3m   ANT9120D 1-18G         Ant. pol. : VERTICAL
Limit         : FCCPART 15C PEAK NII
Env. / Ins.   : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer      : Seven
EUT           : 10.1"ANDROID TABLET
Power         : WITH DETACHABLE KEYBOARD
M/N           : DC 5V From Adapter Input AC 120V/60Hz
Test Mode     : ONA19TB007
                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	2955.00	28.32	3.60	36.97	37.71	32.66	68.20	35.54	Peak
2	5180.00	32.62	4.89	35.48	79.72	81.75	68.20	-13.55	Peak
3	7426.00	37.05	6.13	33.11	33.04	43.11	74.00	30.89	Peak
4	10360.00	39.25	10.05	34.28	33.31	48.33	68.20	19.87	Peak
5	13920.00	41.63	10.11	32.83	31.67	50.58	68.20	17.62	Peak
6	15540.00	39.38	10.84	32.34	30.04	47.92	74.00	26.08	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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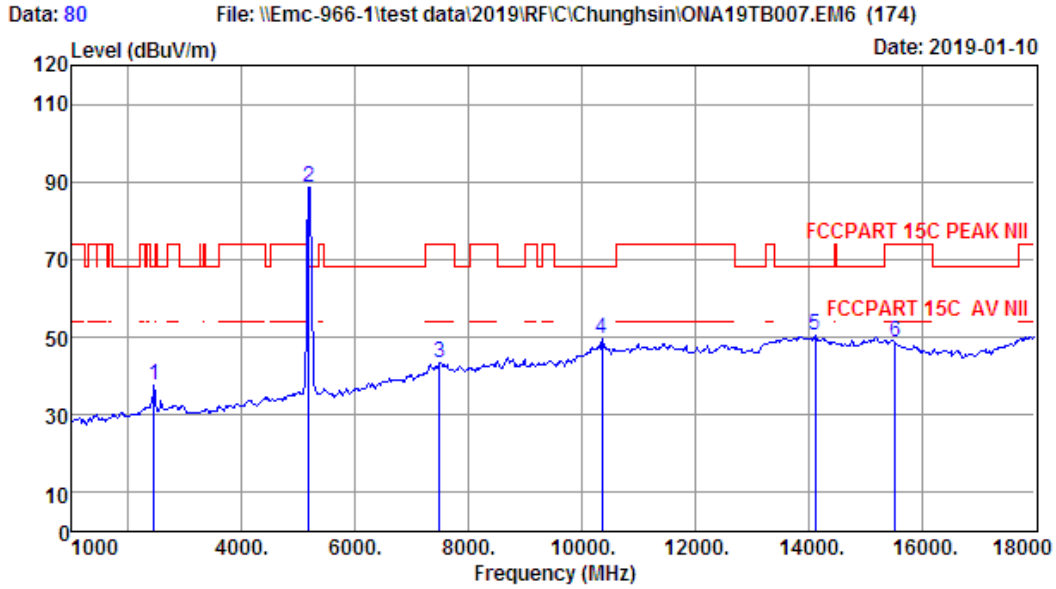

Site no. : 1# 966 Chamber Data no. : 80
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
Limit : FCCPART 15C PEAK NII
Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"ANDROID TABLET
Power : WITH DETACHABLE KEYBOARD
M/N : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : ONA19TB007
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	2445.00	27.48	3.26	35.07	41.90	37.57	68.20	30.63	Peak
2	5180.00	32.62	4.89	35.48	86.74	88.77	68.20	-20.57	Peak
3	7494.00	37.20	6.15	33.00	33.21	43.56	74.00	30.44	Peak
4	10360.00	39.25	10.05	34.28	34.56	49.58	68.20	18.62	Peak
5	14124.00	41.58	10.14	33.04	31.64	50.32	68.20	17.88	Peak
6	15540.00	39.38	10.84	32.34	30.80	48.68	74.00	25.32	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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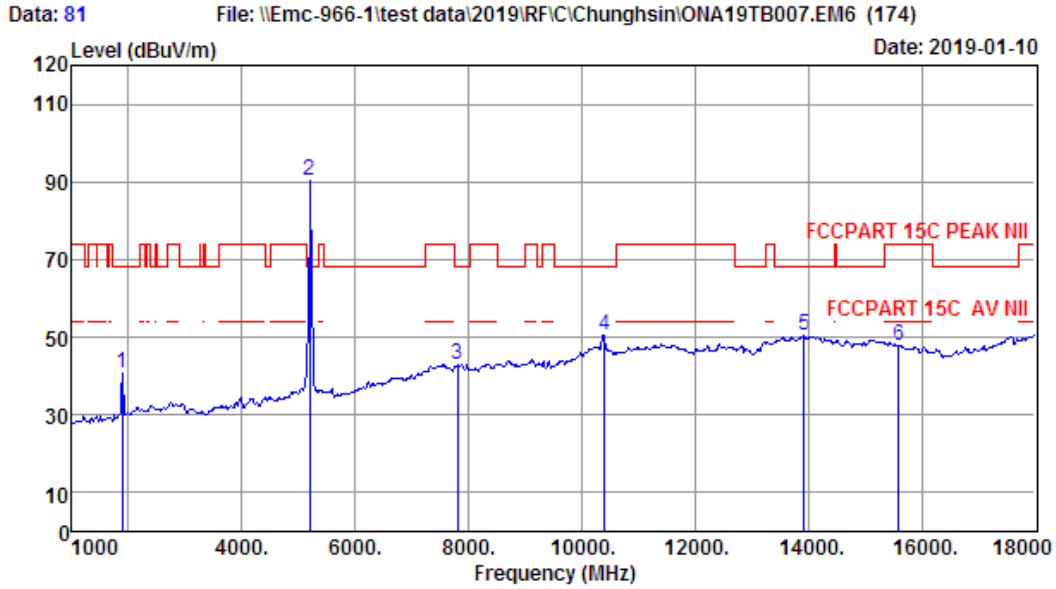

Site no. : 1# 966 Chamber Data no. : 81
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
Limit : FCCPART 15C PEAK NII
Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"ANDROID TABLET
Power : WITH DETACHABLE KEYBOARD
M/N : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : ONA19TB007
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	1884.00	26.21	2.82	34.83	46.52	40.72	68.20	27.48	Peak
2	5200.00	32.64	4.90	35.50	88.09	90.13	68.20	-21.93	Peak
3	7800.00	37.50	6.25	33.93	33.25	43.07	68.20	25.13	Peak
4	10400.00	39.26	9.95	34.24	35.57	50.54	68.20	17.66	Peak
5	13920.00	41.63	10.11	32.83	31.48	50.39	68.20	17.81	Peak
6	15600.00	39.15	10.80	32.30	30.14	47.79	74.00	26.21	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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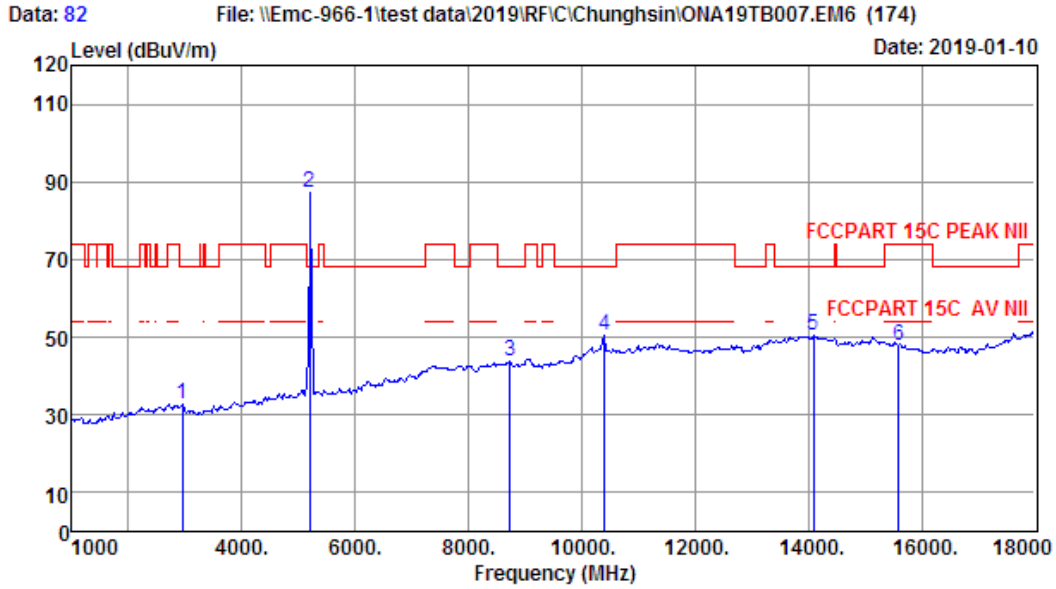

Site no. : 1# 966 Chamber Data no. : 82
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
Limit : FCCPART 15C PEAK NII
Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"ANDROID TABLET
Power : WITH DETACHABLE KEYBOARD
M/N : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : ONA19TB007
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	2955.00	28.32	3.60	36.97	37.79	32.74	68.20	35.46	Peak
2	5200.00	32.64	4.90	35.50	85.32	87.36	68.20	-19.16	Peak
3	8735.00	37.53	6.90	32.88	32.23	43.78	68.20	24.42	Peak
4	10400.00	39.26	9.95	34.24	35.50	50.47	68.20	17.73	Peak
5	14090.00	41.61	10.14	32.99	31.52	50.28	68.20	17.92	Peak
6	15600.00	39.15	10.80	32.30	30.31	47.96	74.00	26.04	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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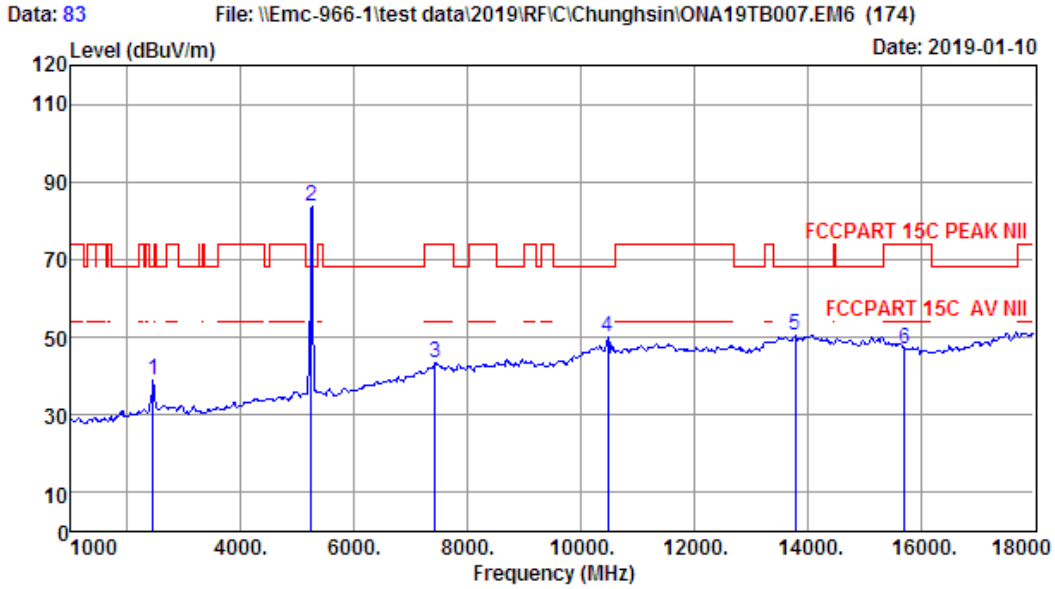

Site no. : 1# 966 Chamber Data no. : 83
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
Limit : FCCPART 15C PEAK NII
Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"ANDROID TABLET
Power : WITH DETACHABLE KEYBOARD
M/N : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : ONA19TB007
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	2445.00	27.48	3.26	35.07	43.36	39.03	68.20	29.17	Peak
2	5240.00	32.68	4.93	35.54	81.80	83.87	68.20	-15.67	Peak
3	7426.00	37.05	6.13	33.11	33.54	43.61	74.00	30.39	Peak
4	10480.00	39.29	9.70	34.16	35.03	49.86	68.20	18.34	Peak
5	13784.00	41.53	10.05	32.72	31.52	50.38	68.20	17.82	Peak
6	15720.00	38.74	10.74	32.22	29.83	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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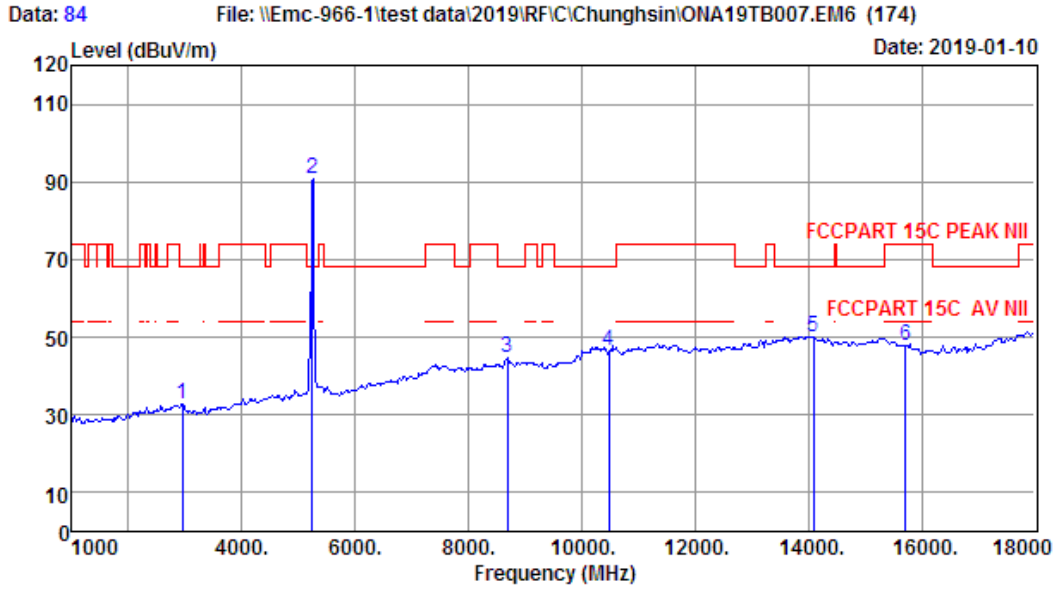

Site no. : 1# 966 Chamber Data no. : 84
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
Limit : FCCPART 15C PEAK NII
Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"ANDROID TABLET
Power : WITH DETACHABLE KEYBOARD
M/N : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : ONA19TB007
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	2955.00	28.32	3.60	36.97	37.88	32.83	68.20	35.37	Peak
2	5240.00	32.68	4.93	35.54	88.51	90.58	68.20	-22.38	Peak
3	8684.00	37.46	6.90	33.06	33.26	44.56	68.20	23.64	Peak
4	10480.00	39.29	9.70	34.16	31.56	46.39	68.20	21.81	Peak
5	14090.00	41.61	10.14	32.99	31.41	50.17	68.20	18.03	Peak
6	15720.00	38.74	10.74	32.22	30.43	47.69	74.00	26.31	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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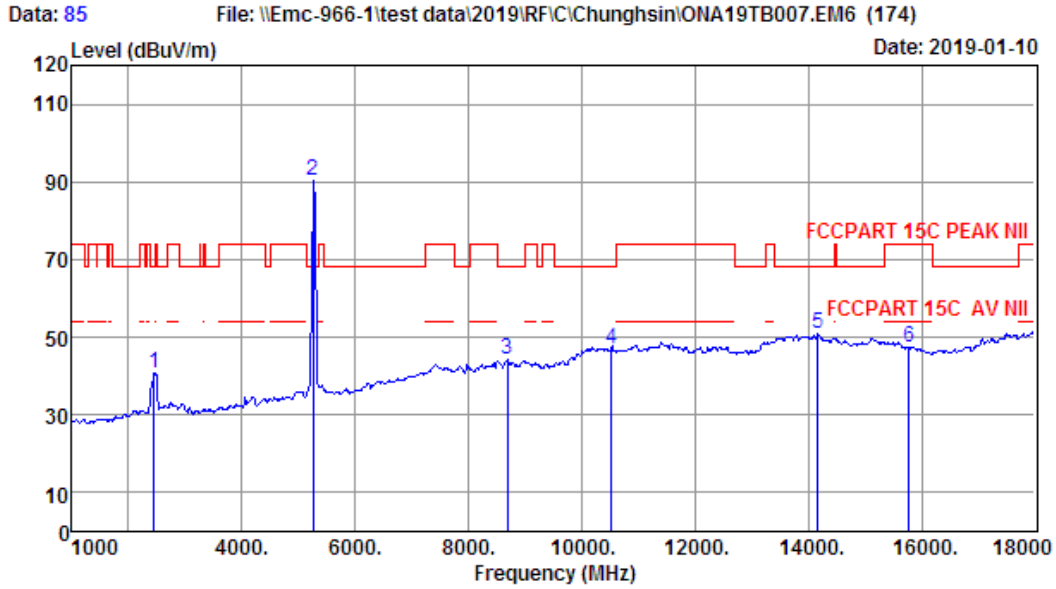

Site no. : 1# 966 Chamber Data no. : 85
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
Limit : FCCPART 15C PEAK NII
Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"ANDROID TABLET
Power : WITH DETACHABLE KEYBOARD
M/N : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : ONA19TB007
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	2445.00	27.48	3.26	35.07	45.13	40.80	68.20	27.40	Peak
2	5260.00	32.72	4.95	35.56	88.27	90.38	68.20	-22.18	Peak
3	8684.00	37.46	6.90	33.06	32.91	44.21	68.20	23.99	Peak
4	10520.00	39.32	9.60	34.10	31.96	46.78	68.20	21.42	Peak
5	14175.00	41.53	10.15	33.11	32.15	50.72	68.20	17.48	Peak
6	15780.00	38.56	10.72	32.18	30.15	47.25	74.00	26.75	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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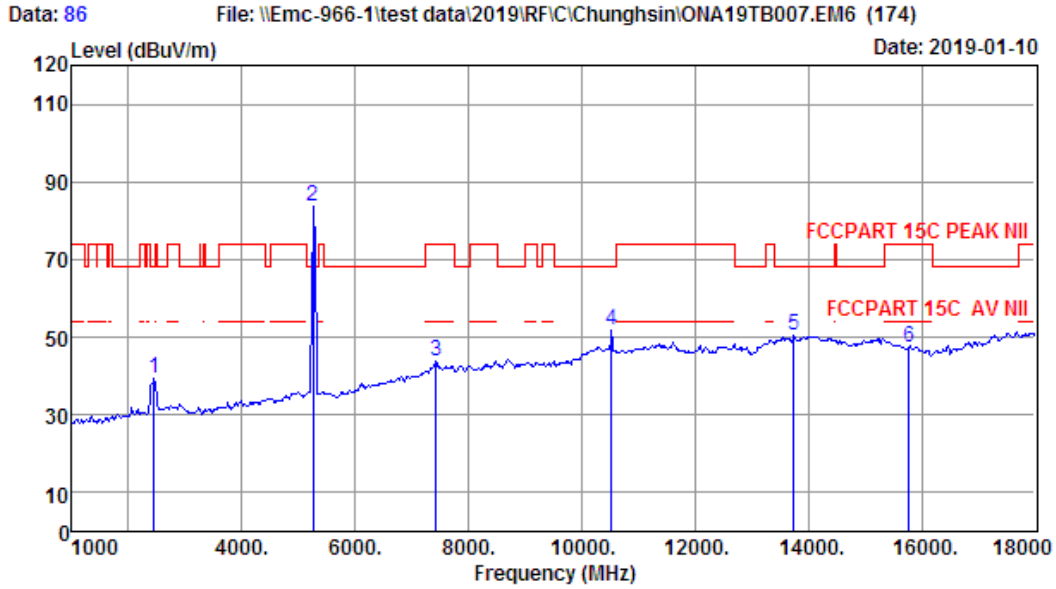

Site no. : 1# 966 Chamber Data no. : 86
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
Limit : FCCPART 15C PEAK NII
Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"ANDROID TABLET
Power : WITH DETACHABLE KEYBOARD
M/N : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : ONA19TB007
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	2445.00	27.48	3.26	35.07	43.74	39.41	68.20	28.79	Peak
2	5260.00	32.72	4.95	35.56	81.57	83.68	68.20	-15.48	Peak
3	7426.00	37.05	6.13	33.11	33.87	43.94	74.00	30.06	Peak
4	10520.00	39.32	9.60	34.10	36.89	51.71	68.20	16.49	Peak
5	13750.00	41.50	10.01	32.69	31.73	50.55	68.20	17.65	Peak
6	15780.00	38.56	10.72	32.18	30.39	47.49	74.00	26.51	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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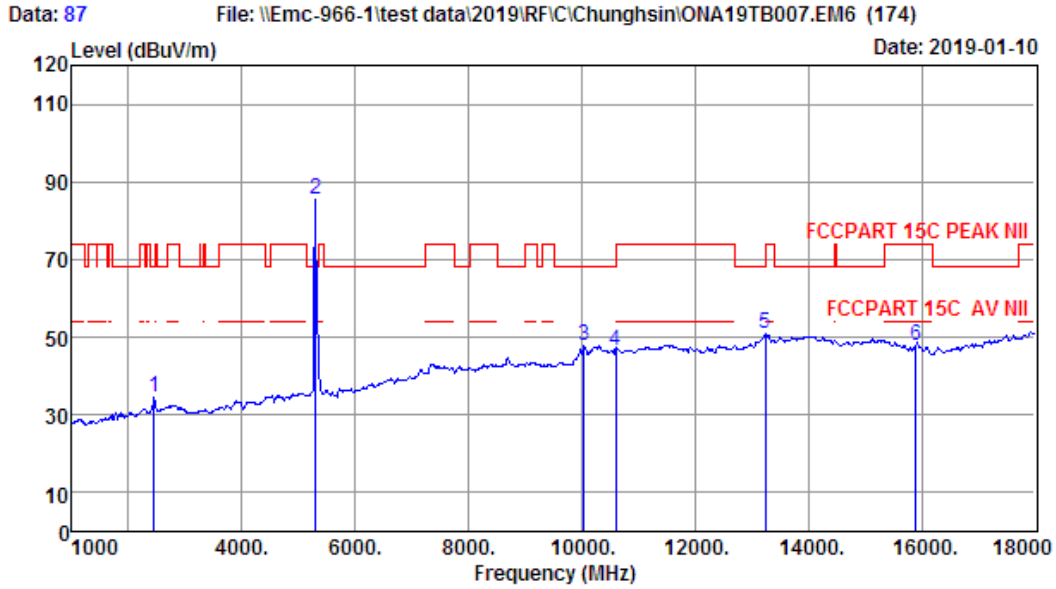

Site no. : 1# 966 Chamber Data no. : 87
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
Limit : FCCPART 15C PEAK NII
Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"ANDROID TABLET
Power : WITH DETACHABLE KEYBOARD
M/N : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : ONA19TB007
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	2445.00	27.48	3.26	35.07	39.04	34.71	68.20	33.49	Peak
2	5300.00	32.76	4.97	35.62	83.22	85.33	68.20	-17.13	Peak
3	10044.00	39.12	9.04	34.63	34.42	47.95	68.20	20.25	Peak
4	10600.00	39.42	9.35	34.00	31.67	46.44	68.20	21.76	Peak
5	13240.00	40.68	9.32	32.68	33.65	50.97	68.20	17.23	Peak
6	15900.00	38.15	10.65	32.10	31.09	47.79	74.00	26.21	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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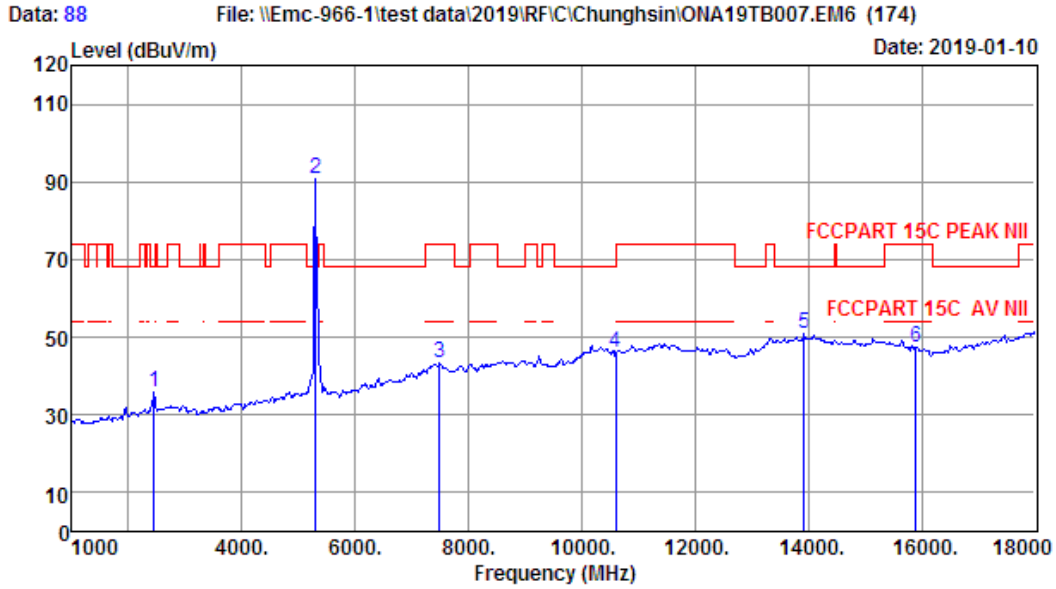

Site no. : 1# 966 Chamber Data no. : 88
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
Limit : FCCPART 15C PEAK NII
Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"ANDROID TABLET
Power : WITH DETACHABLE KEYBOARD
M/N : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : ONA19TB007
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	2445.00	27.48	3.26	35.07	40.33	36.00	68.20	32.20	Peak
2	5300.00	32.76	4.97	35.62	88.87	90.98	68.20	-22.78	Peak
3	7494.00	37.20	6.15	33.00	32.83	43.18	74.00	30.82	Peak
4	10600.00	39.42	9.35	34.00	31.50	46.27	68.20	21.93	Peak
5	13920.00	41.63	10.11	32.83	31.93	50.84	68.20	17.36	Peak
6	15900.00	38.15	10.65	32.10	30.50	47.20	74.00	26.80	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.

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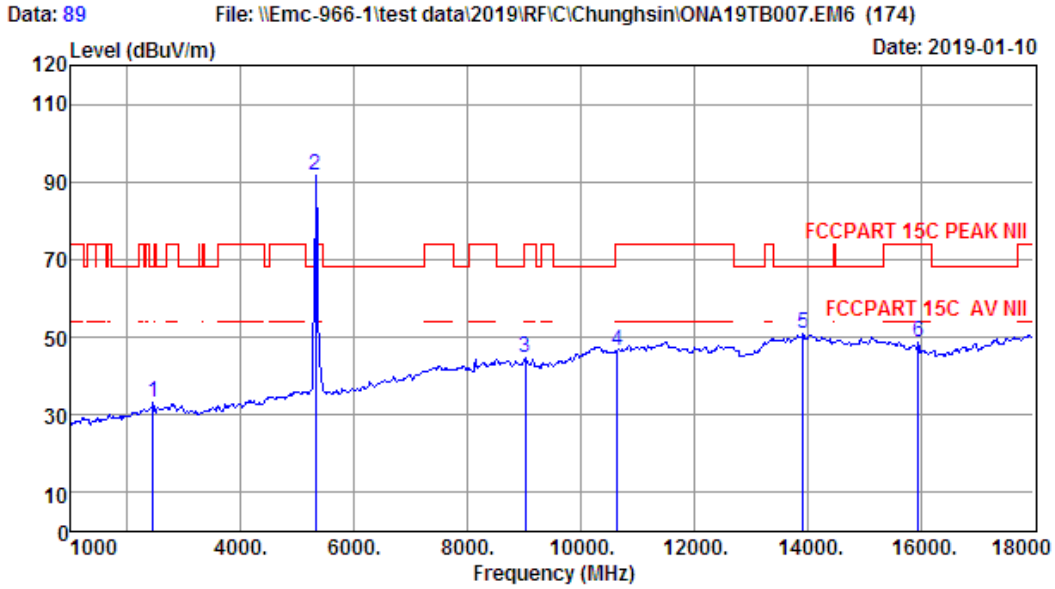

Site no. : 1# 966 Chamber Data no. : 89
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
Limit : FCCPART 15C PEAK NII
Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"ANDROID TABLET
Power : WITH DETACHABLE KEYBOARD
M/N : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : ONA19TB007
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	2445.00	27.48	3.26	35.07	37.39	33.06	68.20	35.14	Peak
2	5320.00	32.78	4.99	35.64	89.41	91.54	68.20	-23.34	Peak
3	9024.00	37.93	6.95	33.72	33.41	44.57	74.00	29.43	Peak
4	10640.00	39.47	9.25	33.95	31.77	46.54	74.00	27.46	Peak
5	13920.00	41.63	10.11	32.83	32.23	51.14	68.20	17.06	Peak
6	15960.00	37.92	10.62	32.09	32.44	48.89	74.00	25.11	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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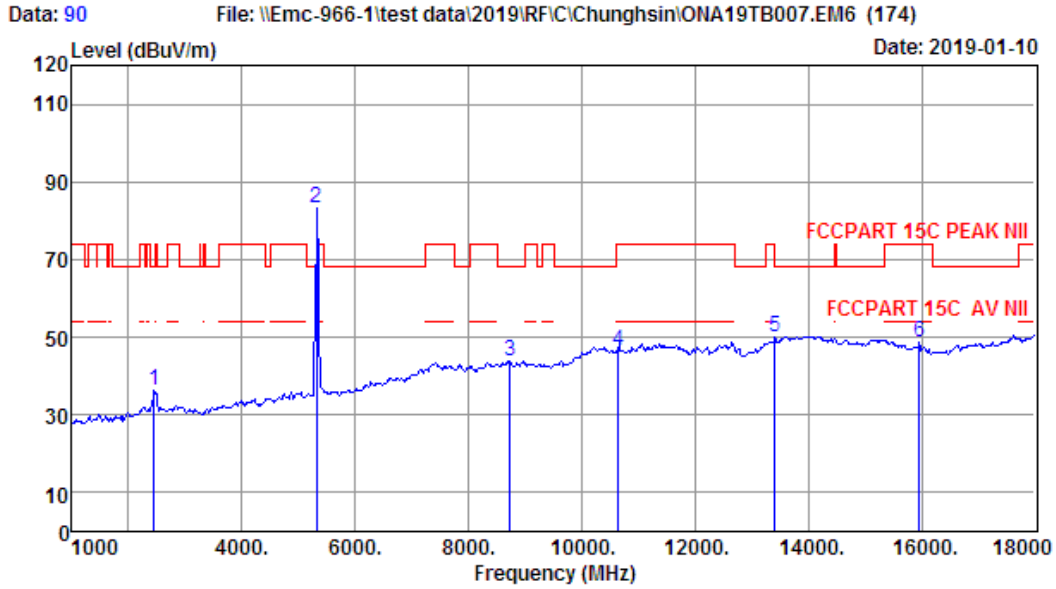

Site no. : 1# 966 Chamber Data no. : 90
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
Limit : FCCPART 15C PEAK NII
Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"ANDROID TABLET
Power : WITH DETACHABLE KEYBOARD
M/N : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : ONA19TB007
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	2445.00	27.48	3.26	35.07	40.59	36.26	68.20	31.94	Peak
2	5320.00	32.78	4.99	35.64	81.26	83.39	68.20	-15.19	Peak
3	8735.00	37.53	6.90	32.88	32.51	44.06	68.20	24.14	Peak
4	10640.00	39.47	9.25	33.95	31.71	46.48	74.00	27.52	Peak
5	13410.00	41.09	9.55	32.61	32.08	50.11	68.20	18.09	Peak
6	15960.00	37.92	10.62	32.09	32.32	48.77	74.00	25.23	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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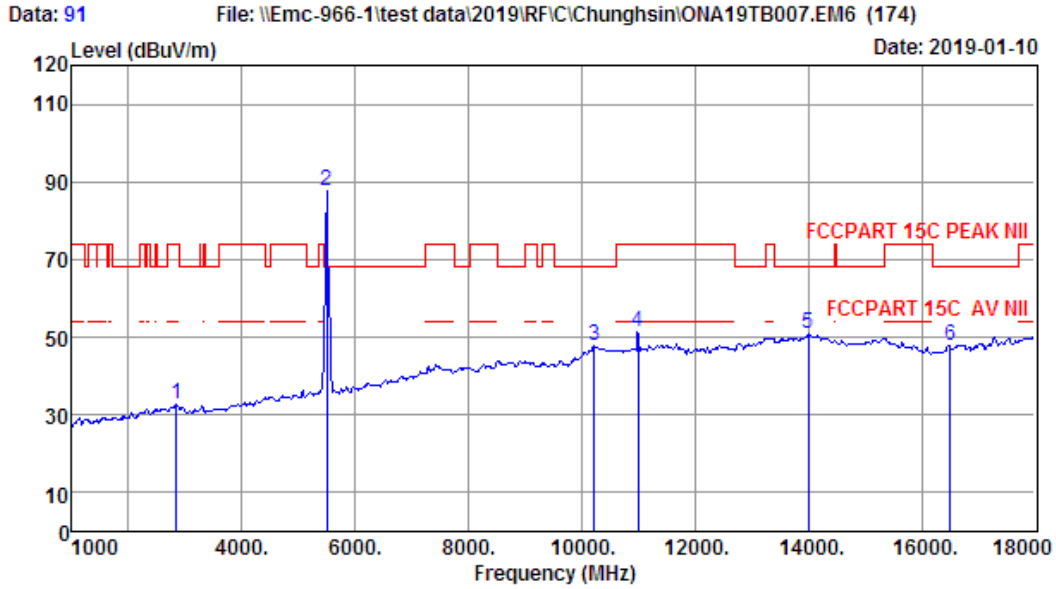

Site no. : 1# 966 Chamber Data no. : 91
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
Limit : FCCPART 15C PEAK NII
Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"ANDROID TABLET
Power : WITH DETACHABLE KEYBOARD
M/N : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : ONA19TB007
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	2836.00	28.13	3.55	36.56	37.44	32.56	74.00	41.44	Peak
2	5500.00	33.00	5.11	35.84	85.60	87.87	68.20	-19.67	Peak
3	10214.00	39.19	9.77	34.43	33.18	47.71	68.20	20.49	Peak
4	11000.00	39.90	8.57	33.45	36.19	51.21	74.00	22.79	Peak
5	14005.00	41.70	10.13	32.88	31.76	50.71	68.20	17.49	Peak
6	16500.00	37.80	10.54	31.83	31.24	47.75	68.20	20.45	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.

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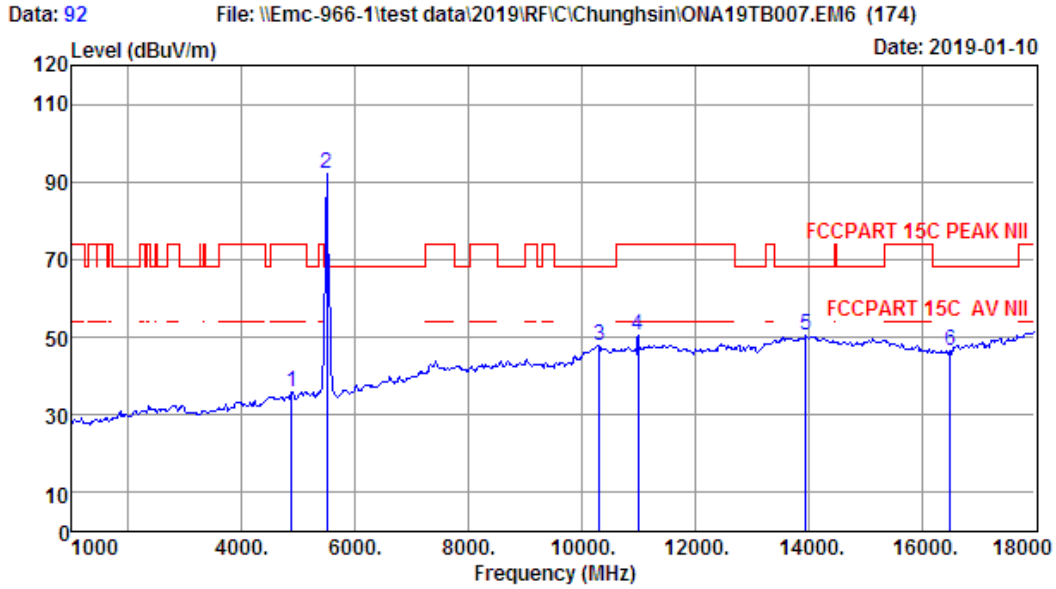

Site no. : 1# 966 Chamber Data no. : 92
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
Limit : FCCPART 15C PEAK NII
Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"ANDROID TABLET
Power : WITH DETACHABLE KEYBOARD
M/N : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : ONA19TB007
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	4876.00	32.18	4.73	35.14	34.24	36.01	74.00	37.99	Peak
2	5500.00	33.00	5.11	35.84	90.02	92.29	68.20	-24.09	Peak
3	10316.00	39.23	10.20	34.34	32.78	47.87	68.20	20.33	Peak
4	11000.00	39.90	8.57	33.45	35.46	50.48	74.00	23.52	Peak
5	13954.00	41.66	10.12	32.84	31.36	50.30	68.20	17.90	Peak
6	16500.00	37.80	10.54	31.83	29.97	46.48	68.20	21.72	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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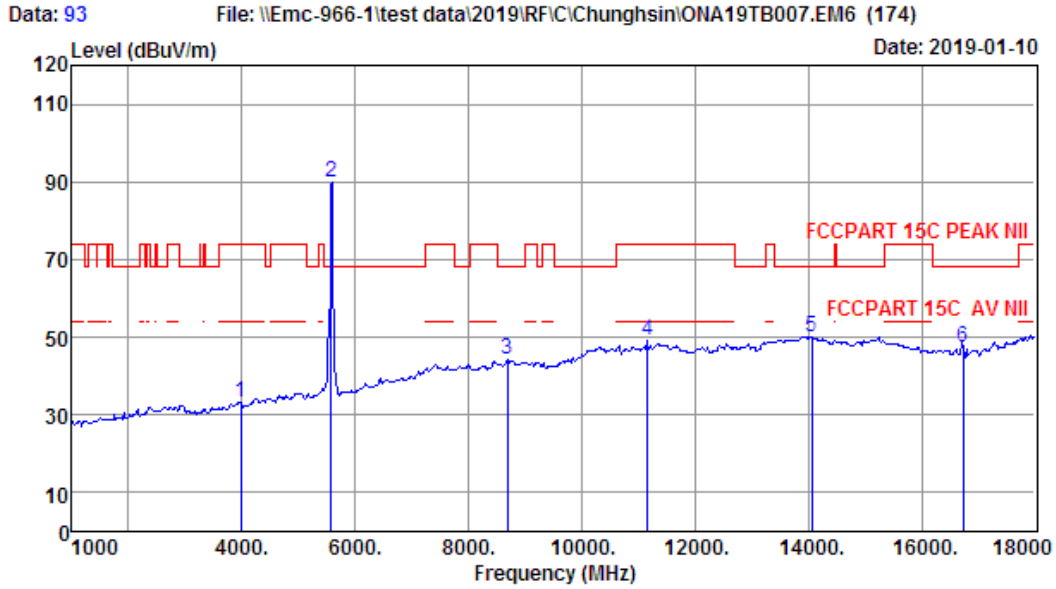

Site no. : 1# 966 Chamber Data no. : 93
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
Limit : FCCPART 15C PEAK NII
Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"ANDROID TABLET
Power : WITH DETACHABLE KEYBOARD
M/N : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : ONA19TB007
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	3975.00	30.27	4.41	35.98	34.36	33.06	74.00	40.94	Peak
2	5580.00	33.07	5.14	35.92	87.45	89.74	68.20	-21.54	Peak
3	8684.00	37.46	6.90	33.06	32.94	44.24	68.20	23.96	Peak
4	11160.00	39.97	8.45	33.16	34.10	49.36	74.00	24.64	Peak
5	14056.00	41.65	10.13	32.95	31.24	50.07	68.20	18.13	Peak
6	16740.00	39.59	10.51	31.49	28.66	47.27	68.20	20.93	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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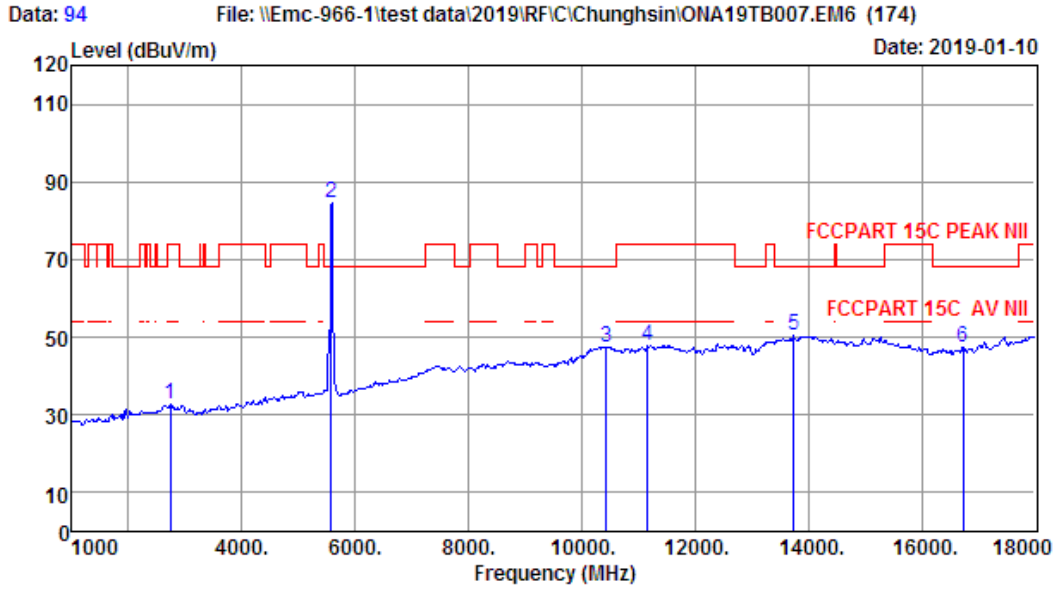

Site no. : 1# 966 Chamber Data no. : 94
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
Limit : FCCPART 15C PEAK NII
Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"ANDROID TABLET
Power : WITH DETACHABLE KEYBOARD
M/N : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : ONA19TB007
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	2734.00	27.97	3.47	36.15	37.40	32.69	74.00	41.31	Peak
2	5580.00	33.07	5.14	35.92	82.24	84.53	68.20	-16.33	Peak
3	10435.00	39.27	9.85	34.20	32.55	47.47	68.20	20.73	Peak
4	11160.00	39.97	8.45	33.16	32.57	47.83	74.00	26.17	Peak
5	13750.00	41.50	10.01	32.69	31.60	50.42	68.20	17.78	Peak
6	16740.00	39.59	10.51	31.49	28.71	47.32	68.20	20.88	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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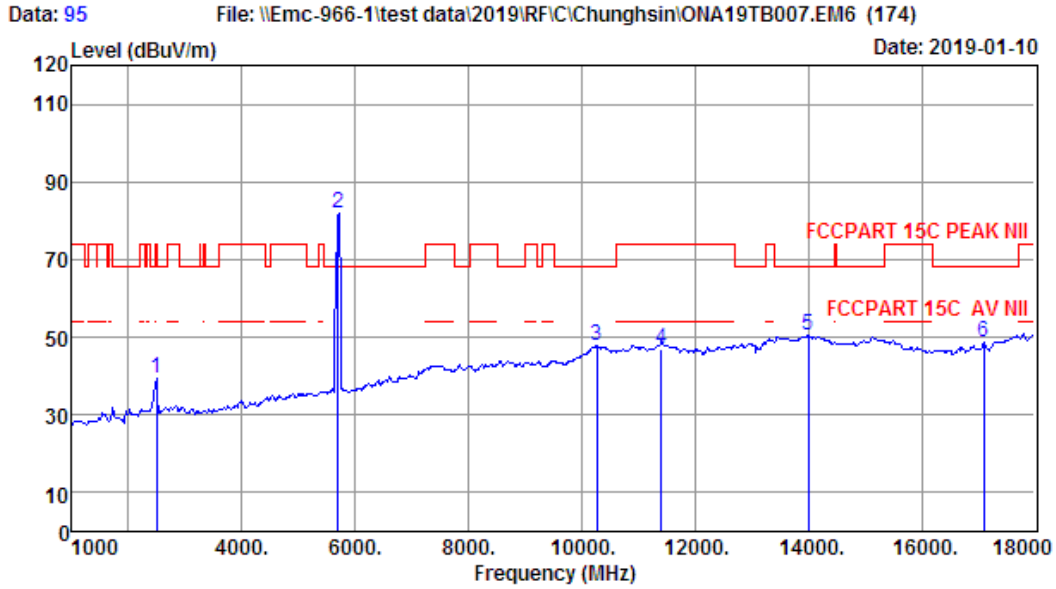

Site no. : 1# 966 Chamber Data no. : 95
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
Limit : FCCPART 15C PEAK NII
Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"ANDROID TABLET
Power : WITH DETACHABLE KEYBOARD
M/N : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : ONA19TB007
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	2496.00	27.60	3.30	35.27	43.76	39.39	74.00	34.61	Peak
2	5700.00	33.19	5.18	35.95	79.72	82.14	68.20	-13.94	Peak
3	10265.00	39.21	9.98	34.39	32.89	47.69	68.20	20.51	Peak
4	11400.00	40.06	8.29	32.71	31.19	46.83	74.00	27.17	Peak
5	14005.00	41.70	10.13	32.88	31.57	50.52	68.20	17.68	Peak
6	17100.00	41.88	10.63	31.22	27.58	48.87	68.20	19.33	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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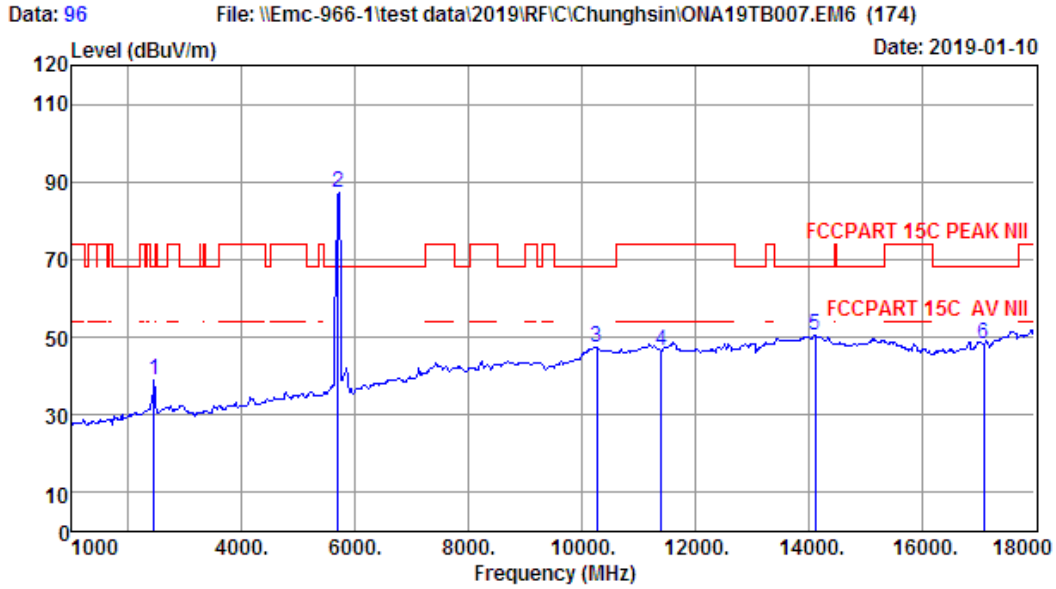

Site no. : 1# 966 Chamber Data no. : 96
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
Limit : FCCPART 15C PEAK NII
Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"ANDROID TABLET
Power : WITH DETACHABLE KEYBOARD
M/N : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : ONA19TB007
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	2445.00	27.48	3.26	35.07	43.22	38.89	68.20	29.31	Peak
2	5700.00	33.19	5.18	35.95	84.60	87.02	68.20	-18.82	Peak
3	10265.00	39.21	9.98	34.39	32.80	47.60	68.20	20.60	Peak
4	11400.00	40.06	8.29	32.71	30.65	46.29	74.00	27.71	Peak
5	14124.00	41.58	10.14	33.04	31.76	50.44	68.20	17.76	Peak
6	17100.00	41.88	10.63	31.22	27.15	48.44	68.20	19.76	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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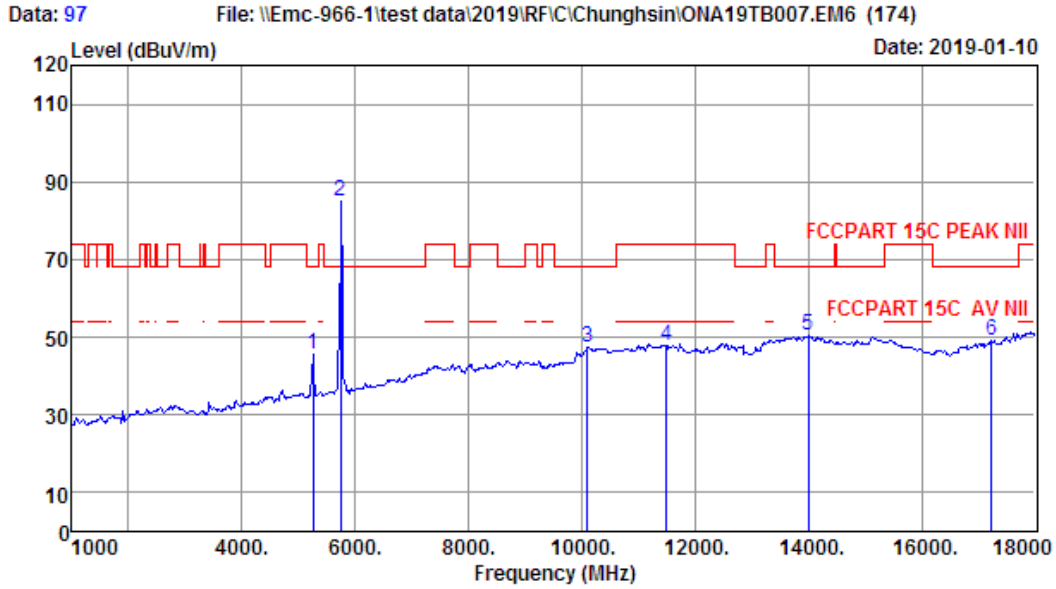

Site no. : 1# 966 Chamber Data no. : 97
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
Limit : FCCPART 15C PEAK NII
Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"ANDROID TABLET
Power : WITH DETACHABLE KEYBOARD
M/N : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : ONA19TB007
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	5250.00	32.70	4.94	35.56	43.73	45.81	68.20	22.39	Peak
2	5745.00	33.24	5.20	35.91	82.69	85.22	68.20	-17.02	Peak
3	10095.00	39.14	9.26	34.57	33.51	47.34	68.20	20.86	Peak
4	11490.00	40.09	8.28	32.55	32.19	48.01	74.00	25.99	Peak
5	14005.00	41.70	10.13	32.88	31.36	50.31	68.20	17.89	Peak
6	17235.00	42.39	10.94	31.21	26.88	49.00	68.20	19.20	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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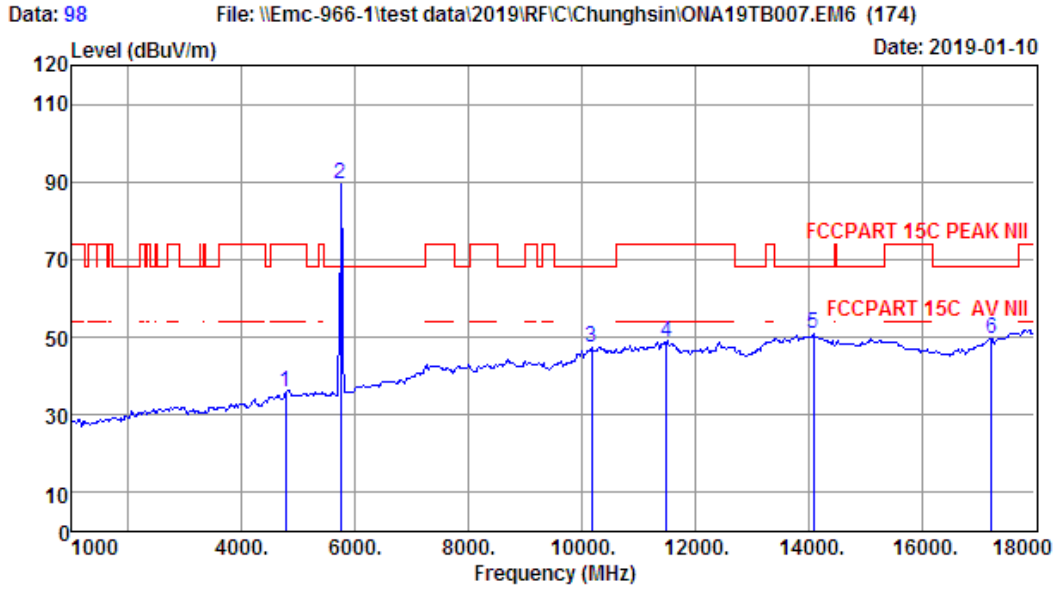

Site no. : 1# 966 Chamber Data no. : 98
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
Limit : FCCPART 15C PEAK NII
Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"ANDROID TABLET
Power : WITH DETACHABLE KEYBOARD
M/N : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : ONA19TB007
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	4774.00	32.00	4.64	35.13	34.41	35.92	74.00	38.08	Peak
2	5745.00	33.24	5.20	35.91	87.13	89.66	68.20	-21.46	Peak
3	10180.00	39.17	9.62	34.47	33.14	47.46	68.20	20.74	Peak
4	11490.00	40.09	8.28	32.55	33.07	48.89	74.00	25.11	Peak
5	14090.00	41.61	10.14	32.99	32.17	50.93	68.20	17.27	Peak
6	17235.00	42.39	10.94	31.21	27.31	49.43	68.20	18.77	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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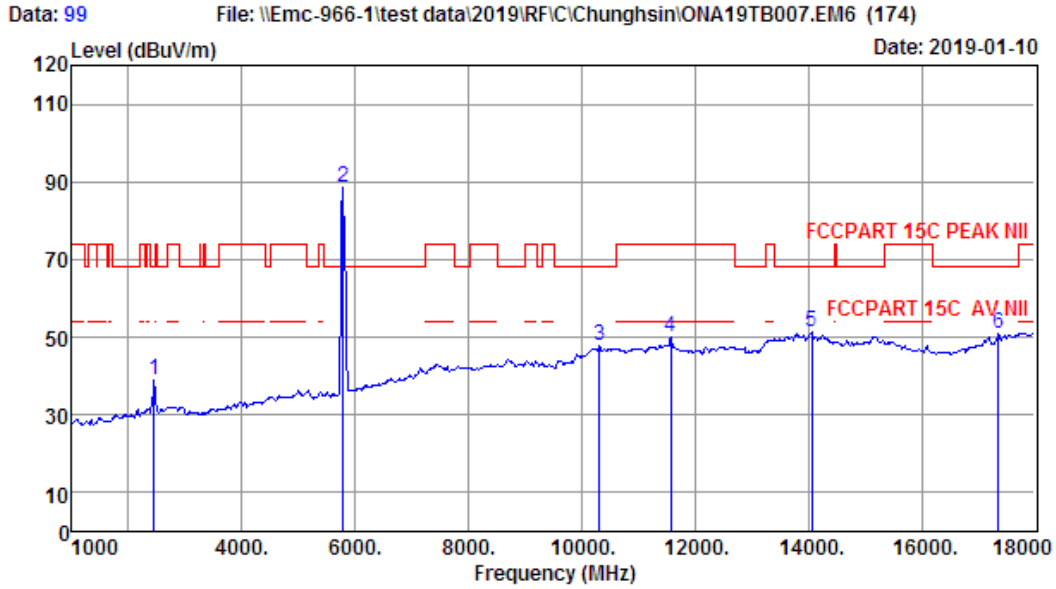

Site no. : 1# 966 Chamber Data no. : 99
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
Limit : FCCPART 15C PEAK NII
Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"ANDROID TABLET
Power : WITH DETACHABLE KEYBOARD
M/N : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : ONA19TB007
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	2445.00	27.48	3.26	35.07	43.13	38.80	68.20	29.40	Peak
2	5785.00	33.28	5.26	35.86	85.88	88.56	68.20	-20.36	Peak
3	10316.00	39.23	10.20	34.34	32.74	47.83	68.20	20.37	Peak
4	11570.00	40.00	8.26	32.42	34.29	50.13	74.00	23.87	Peak
5	14056.00	41.65	10.13	32.95	32.36	51.19	68.20	17.01	Peak
6	17355.00	42.83	11.21	31.04	27.83	50.83	68.20	17.37	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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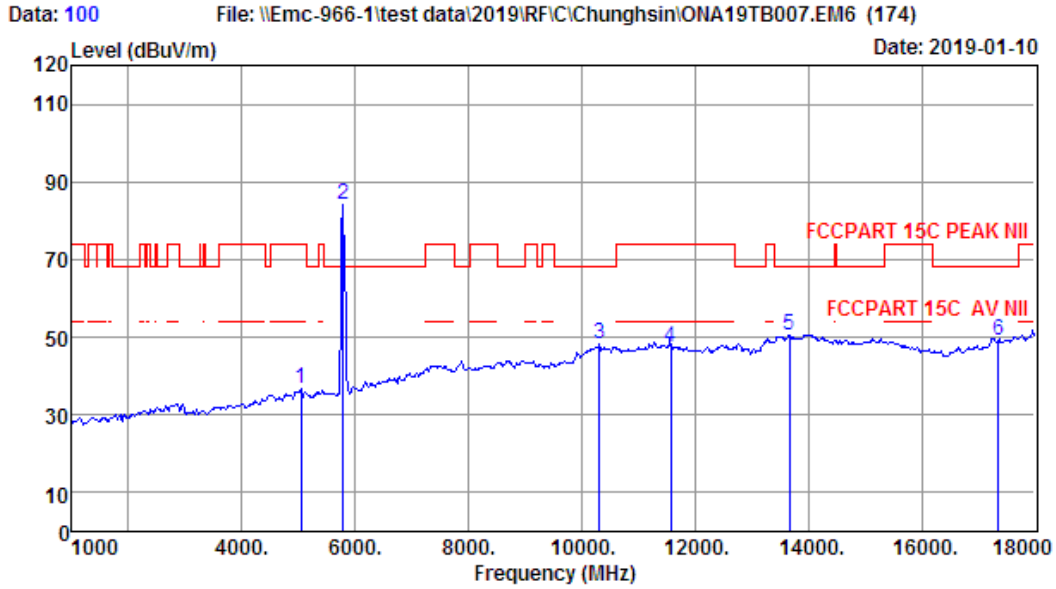

Site no. : 1# 966 Chamber Data no. : 100
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
Limit : FCCPART 15C PEAK NII
Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"ANDROID TABLET
Power : WITH DETACHABLE KEYBOARD
M/N : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : ONA19TB007
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	5046.00	32.46	4.84	35.34	34.64	36.60	74.00	37.40	Peak
2	5785.00	33.28	5.26	35.86	81.57	84.25	68.20	-16.05	Peak
3	10316.00	39.23	10.20	34.34	32.97	48.06	68.20	20.14	Peak
4	11570.00	40.00	8.26	32.42	31.57	47.41	74.00	26.59	Peak
5	13665.00	41.43	9.89	32.62	32.00	50.70	68.20	17.50	Peak
6	17355.00	42.83	11.21	31.04	26.28	49.28	68.20	18.92	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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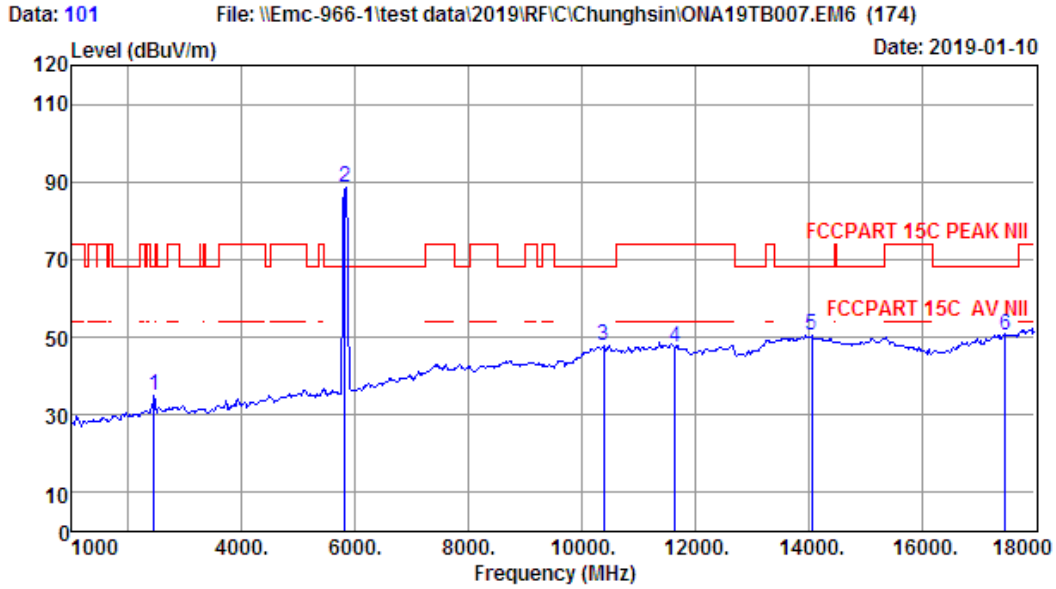

Site no. : 1# 966 Chamber Data no. : 101
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
Limit : FCCPART 15C PEAK NII
Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"ANDROID TABLET
Power : WITH DETACHABLE KEYBOARD
M/N : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : ONA19TB007
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	2445.00	27.48	3.26	35.07	39.32	34.99	68.20	33.21	Peak
2	5825.00	33.33	5.35	35.83	85.81	88.66	68.20	-20.46	Peak
3	10384.00	39.25	10.00	34.26	32.68	47.67	68.20	20.53	Peak
4	11650.00	39.91	8.25	32.37	31.70	47.49	74.00	26.51	Peak
5	14056.00	41.65	10.13	32.95	31.53	50.36	68.20	17.84	Peak
6	17475.00	43.27	11.48	31.08	26.95	50.62	68.20	17.58	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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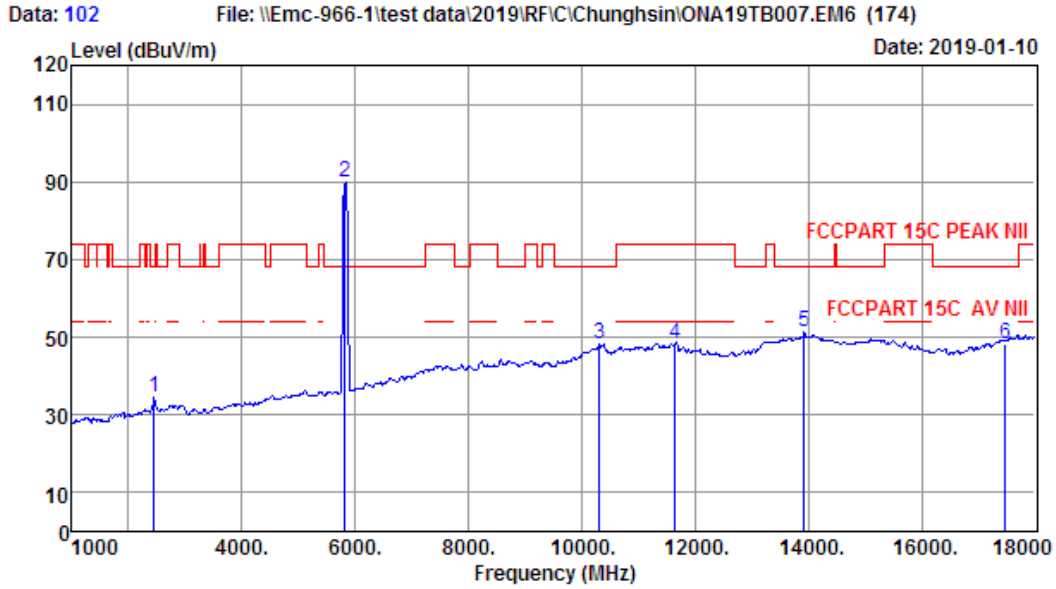

Site no. : 1# 966 Chamber Data no. : 102
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
Limit : FCCPART 15C PEAK NII
Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"ANDROID TABLET
Power : WITH DETACHABLE KEYBOARD
M/N : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : ONA19TB007
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	2445.00	27.48	3.26	35.07	38.89	34.56	68.20	33.64	Peak
2	5825.00	33.33	5.35	35.83	87.06	89.91	68.20	-21.71	Peak
3	10316.00	39.23	10.20	34.34	33.01	48.10	68.20	20.10	Peak
4	11650.00	39.91	8.25	32.37	32.35	48.14	74.00	25.86	Peak
5	13920.00	41.63	10.11	32.83	32.33	51.24	68.20	16.96	Peak
6	17475.00	43.27	11.48	31.08	24.47	48.14	68.20	20.06	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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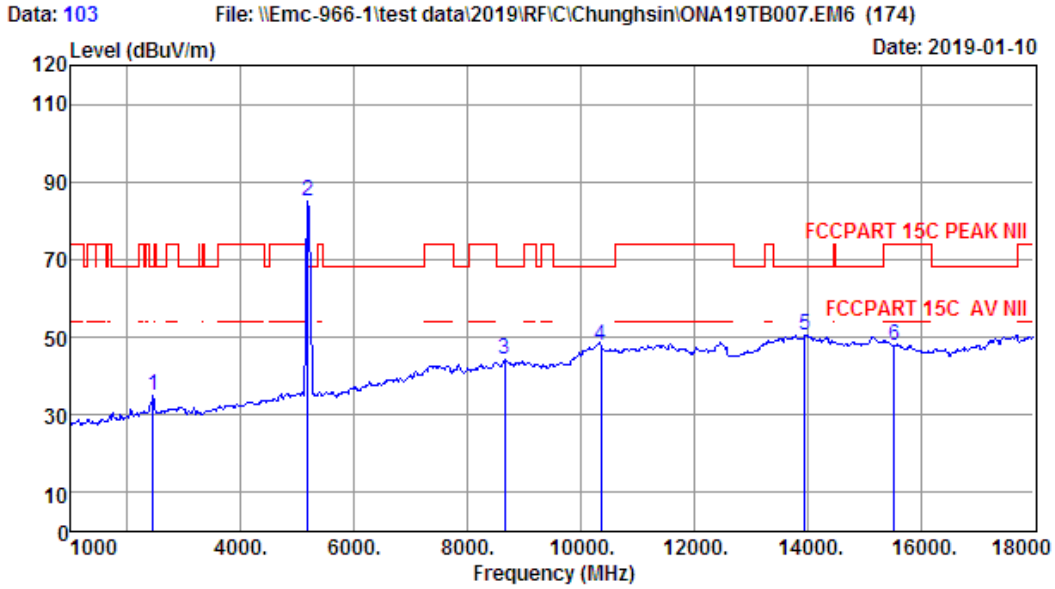

Site no. : 1# 966 Chamber Data no. : 103
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
Limit : FCCPART 15C PEAK NII
Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"ANDROID TABLET
Power : WITH DETACHABLE KEYBOARD
M/N : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : ONA19TB007
IEEE 802.11n HT20 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	2445.00	27.48	3.26	35.07	39.33	35.00	68.20	33.20	Peak
2	5180.00	32.62	4.89	35.48	82.83	84.86	68.20	-16.66	Peak
3	8650.00	37.41	6.90	33.18	33.11	44.24	68.20	23.96	Peak
4	10360.00	39.25	10.05	34.28	32.76	47.78	68.20	20.42	Peak
5	13954.00	41.66	10.12	32.84	31.57	50.51	68.20	17.69	Peak
6	15540.00	39.38	10.84	32.34	30.06	47.94	74.00	26.06	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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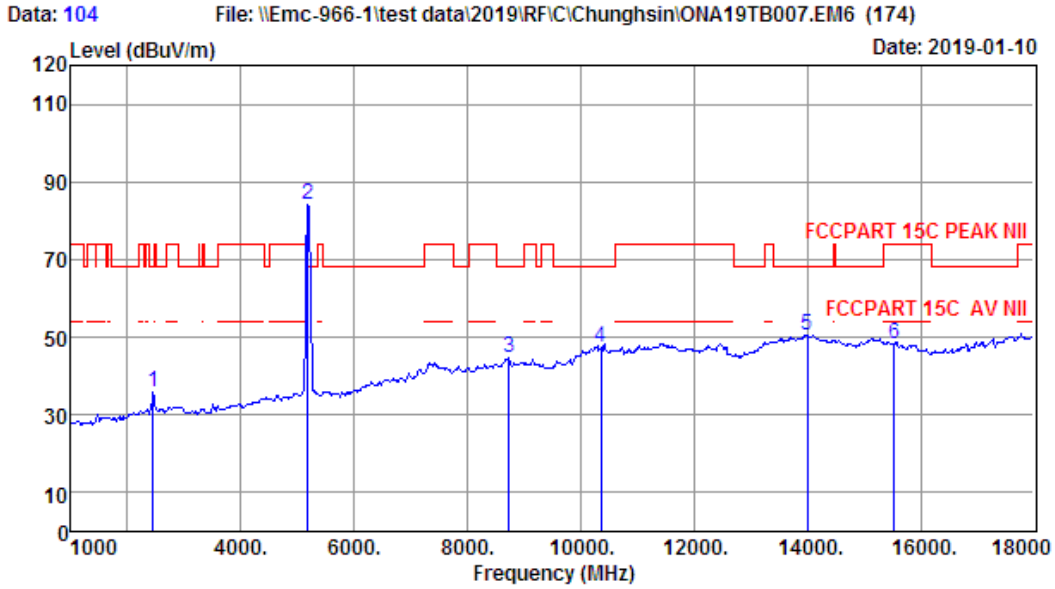

Site no. : 1# 966 Chamber Data no. : 104
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
Limit : FCCPART 15C PEAK NII
Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"ANDROID TABLET
Power : WITH DETACHABLE KEYBOARD
M/N : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : ONA19TB007
IEEE 802.11n HT20 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	2445.00	27.48	3.26	35.07	40.41	36.08	68.20	32.12	Peak
2	5180.00	32.62	4.89	35.48	82.32	84.35	68.20	-16.15	Peak
3	8735.00	37.53	6.90	32.88	32.96	44.51	68.20	23.69	Peak
4	10360.00	39.25	10.05	34.28	32.28	47.30	68.20	20.90	Peak
5	14005.00	41.70	10.13	32.88	31.71	50.66	68.20	17.54	Peak
6	15540.00	39.38	10.84	32.34	30.41	48.29	74.00	25.71	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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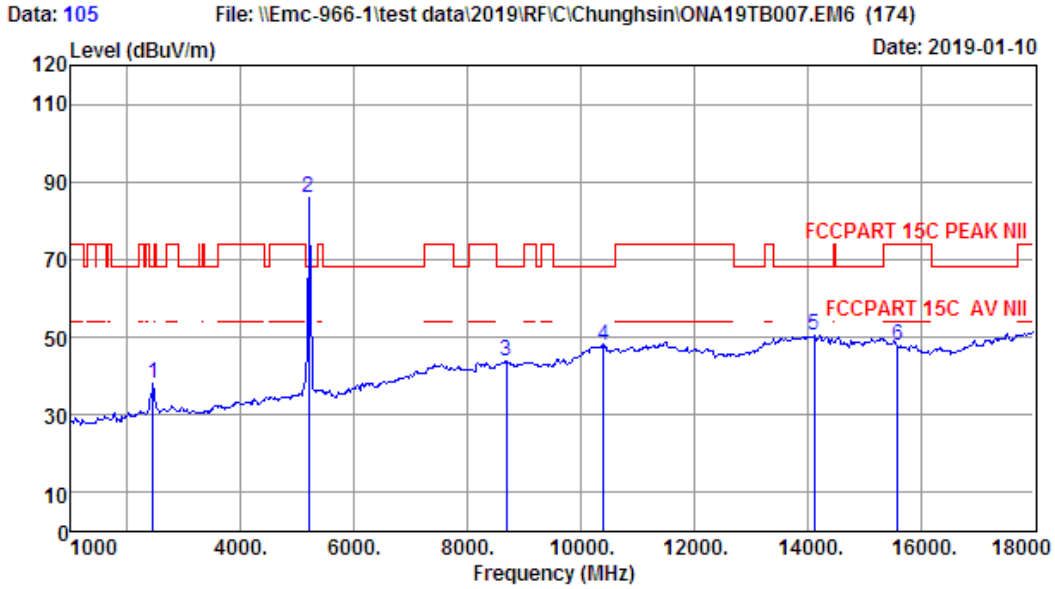

Site no. : 1# 966 Chamber Data no. : 105
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
Limit : FCCPART 15C PEAK NII
Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"ANDROID TABLET
Power : WITH DETACHABLE KEYBOARD
M/N : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : ONA19TB007
IEEE 802.11n HT20 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	2445.00	27.48	3.26	35.07	42.42	38.09	68.20	30.11	Peak
2	5200.00	32.64	4.90	35.50	83.76	85.80	68.20	-17.60	Peak
3	8684.00	37.46	6.90	33.06	32.71	44.01	68.20	24.19	Peak
4	10400.00	39.26	9.95	34.24	32.93	47.90	68.20	20.30	Peak
5	14124.00	41.58	10.14	33.04	31.96	50.64	68.20	17.56	Peak
6	15600.00	39.15	10.80	32.30	30.06	47.71	74.00	26.29	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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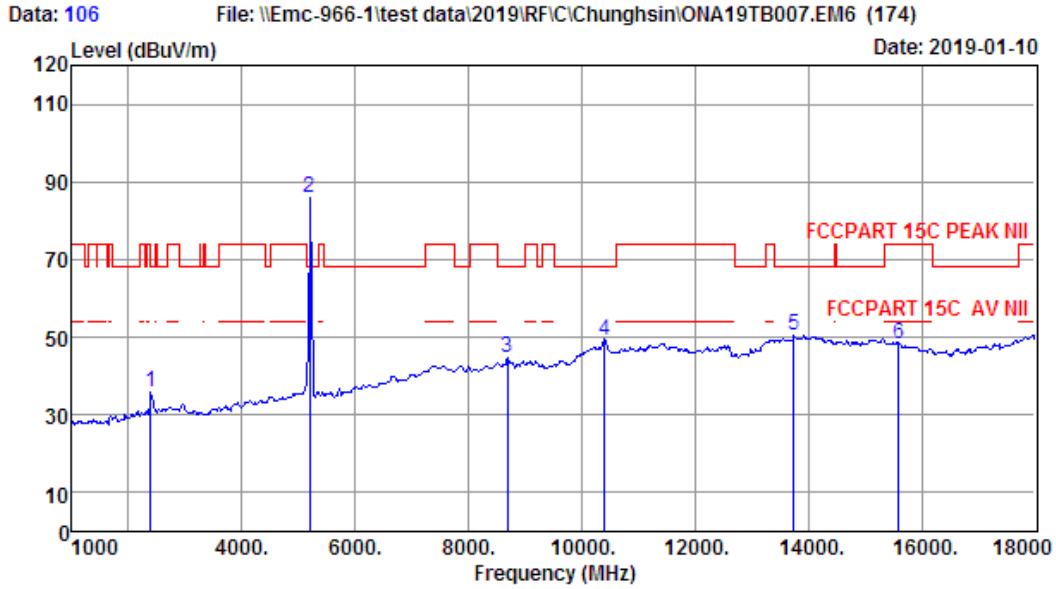

Site no. : 1# 966 Chamber Data no. : 106
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
Limit : FCCPART 15C PEAK NII
Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"ANDROID TABLET
Power : WITH DETACHABLE KEYBOARD
M/N : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : ONA19TB007
IEEE 802.11n HT20 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	2394.00	27.35	3.21	34.87	40.14	35.83	68.20	32.37	Peak
2	5200.00	32.64	4.90	35.50	84.02	86.06	68.20	-17.86	Peak
3	8684.00	37.46	6.90	33.06	33.27	44.57	68.20	23.63	Peak
4	10400.00	39.26	9.95	34.24	34.26	49.23	68.20	18.97	Peak
5	13750.00	41.50	10.01	32.69	31.49	50.31	68.20	17.89	Peak
6	15600.00	39.15	10.80	32.30	30.78	48.43	74.00	25.57	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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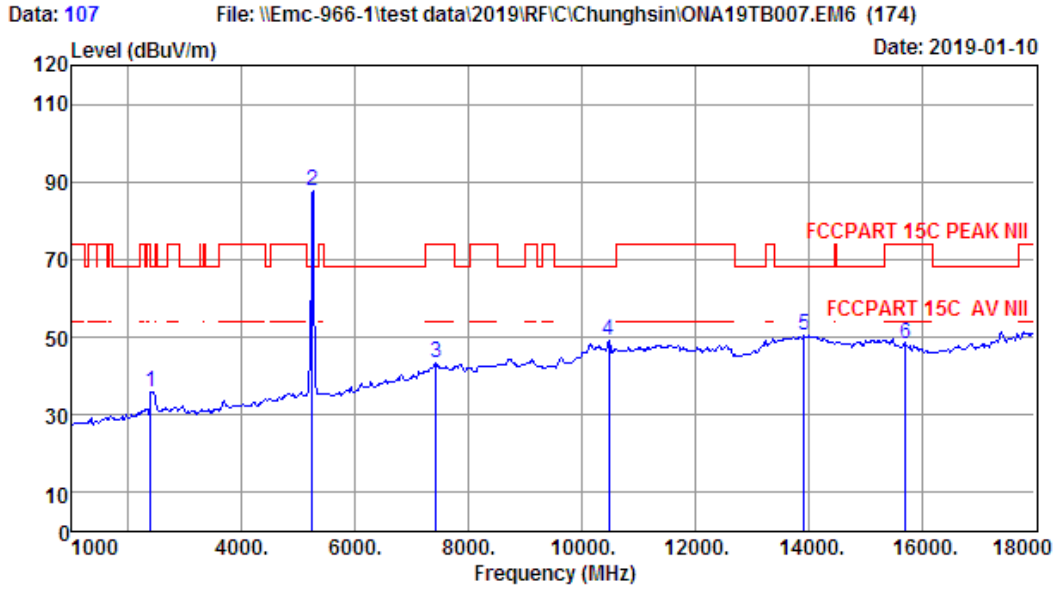

Site no. : 1# 966 Chamber Data no. : 107
Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
Limit : FCCPART 15C PEAK NII
Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer : Seven
EUT : 10.1"ANDROID TABLET
Power : WITH DETACHABLE KEYBOARD
M/N : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : ONA19TB007
IEEE 802.11n HT20 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	2394.00	27.35	3.21	34.87	40.33	36.02	68.20	32.18	Peak
2	5240.00	32.68	4.93	35.54	85.53	87.60	68.20	-19.40	Peak
3	7426.00	37.05	6.13	33.11	33.33	43.40	74.00	30.60	Peak
4	10480.00	39.29	9.70	34.16	34.36	49.19	68.20	19.01	Peak
5	13920.00	41.63	10.11	32.83	31.46	50.37	68.20	17.83	Peak
6	15720.00	38.74	10.74	32.22	30.90	48.16	74.00	25.84	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.