

TEST REPORT

Product : reMarkable paper tablet
Trade mark : **reMarkable**
Model/Type reference : RM102
Serial Number : N/A
Report Number : EED32L00004802
FCC ID : 2AMK2-RM102
Date of Issue : Mar. 12, 2019
Test Standards : 47 CFR Part 15Subpart E
Test result : PASS

Prepared for:

reMarkable AS
Biermanns gate 6, 0374 Oslo, Norway

Prepared by:

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Mar. 12, 2019

Check No.:3096325411



2 Version

Version No.	Date	Description
00	Mar. 12, 2019	Original

3 Test Summary

Test Item	Test Requirement	Test method	Result
Antenna Requirement	47 CFR Part 15 Subpart C Section 15.203	ANSI C63.10-2013	PASS
AC Power Line Conducted Emission	47 CFR Part 15 Subpart E Section 15.407 (b)(6)	ANSI C63.10-2013	PASS
Conducted Output Power and transmit power control mechanism	47 CFR Part 15 Subpart E Section 15.407 (a)(1)(2)(4)(h)(1)	ANSI C63.10-2013	PASS
Emission Bandwidth	47 CFR Part 15 Subpart E Section 15.407 (a)(1)(2)	ANSI C63.10-2013	PASS
Peak Power Spectral Density	47 CFR Part 15 Subpart E Section 15.407 (a)(1)(2)(5)	ANSI C63.10-2013	PASS
Frequency stability	47 CFR Part 15 Subpart E Section 15.407 (g)	ANSI C63.10-2013	PASS
Operation in the absence of information to the transmit	47 CFR Part 15 Subpart E Section 15.407 (c)	47 CFR Part 15 Subpart E	PASS
Unwanted Emissions that fall Outside of the Restricted Bands	47 CFR Part 15 Subpart E Section 15.407 (b)(1)(2)(3)(5)	ANSI C63.10-2013	PASS
Unwanted Emissions in the Restricted Bands	47 CFR Part 15 Subpart E Section 15.407 (b)(6)(7)(8)	ANSI C63.10-2013	PASS
Restricted bands around fundamental frequency (Radiated Emission)	47 CFR Part 15 Subpart E Section 15.407 (b)(6)(7)(8)	ANSI C63.10-2013	PASS

Remark:

The tested sample(s) and the sample information are provided by the client.

Tx: In this whole report Tx (or tx) means Transmitter.

Rx: In this whole report Rx (or rx) means Receiver.

RF: In this whole report RF means Radiated Frequency.

CH: In this whole report CH means channel.

Volt: In this whole report Volt means Voltage.

Temp: In this whole report Temp means Temperature.

Humid: In this whole report Humid means humidity.

Press: In this whole report Press means Pressure.

N/A: In this whole report not application

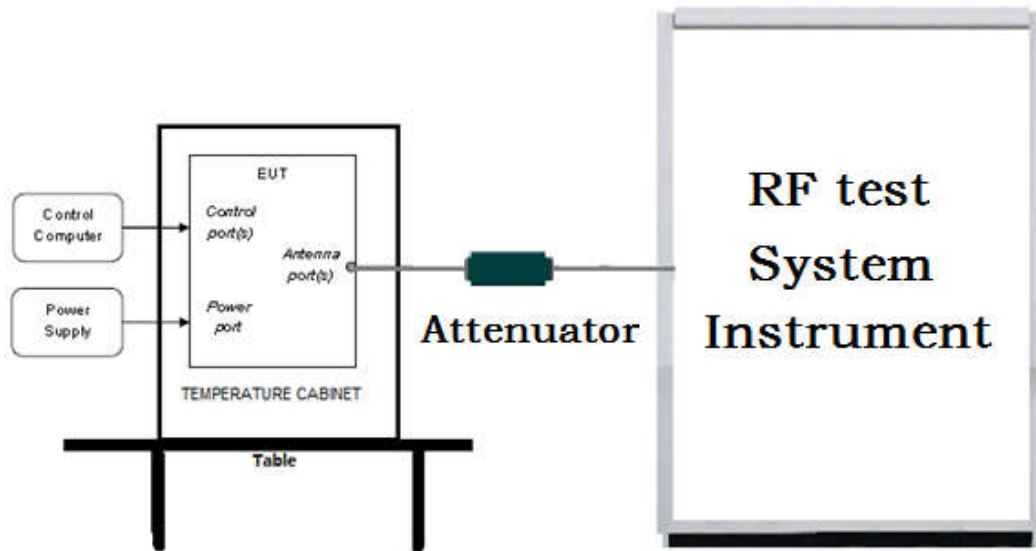
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5 Test Requirement

5.1 Test setup

5.1.1 For Conducted test setup



5.1.2 For Radiated Emissions test setup

Radiated Emissions setup:

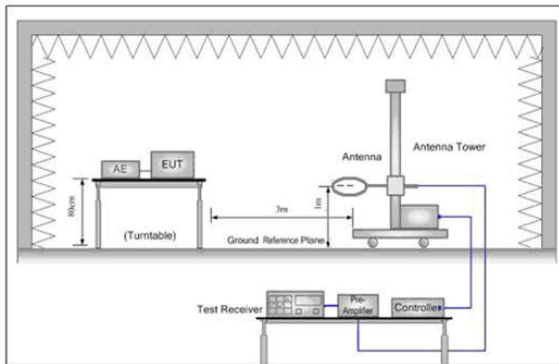


Figure 1. Below 30MHz

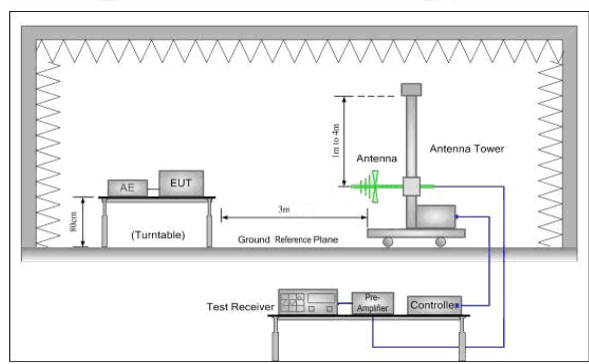


Figure 2. 30MHz to 1GHz

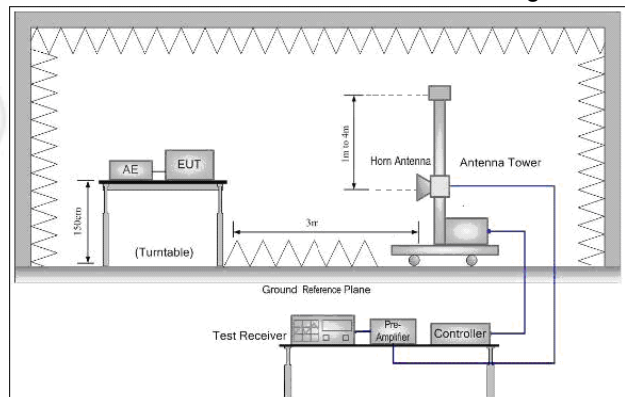
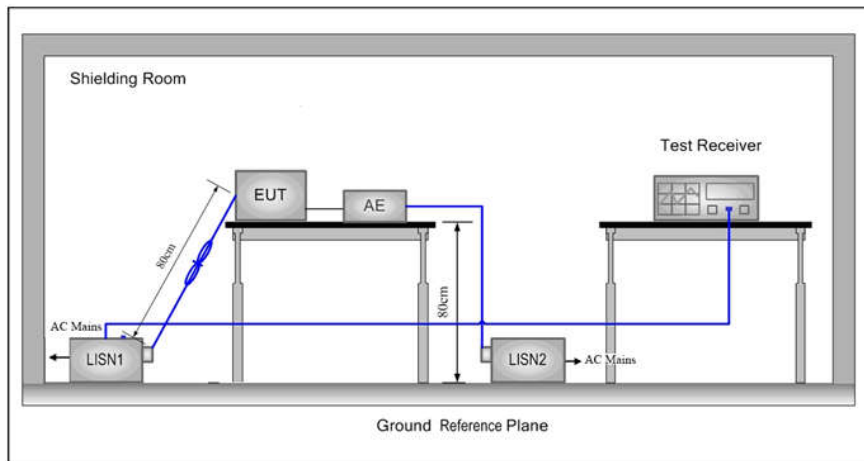


Figure 3. Above 1GHz

5.1.3 For Conducted Emissions test setup

Conducted Emissions setup



5.2 Test Environment

Operating Environment:	
Temperature:	21°C
Humidity:	56% RH
Atmospheric Pressure:	1010mbar

5.3 Test Condition

Test channel:

Test Mode	Tx/Rx	RF Channel		
		Low(L)	Middle(M)	High(H)
802.11a/n/ac(20M)	5150MHz ~5250 MHz	Channel 36	Channel 40	Channel 48
		5180MHz	5200MHz	5240MHz
802.11n/ac(40M)	5150MHz ~5250 MHz	Channel 38	N/A	Channel 46
		5190MHz	N/A	5230MHz
802.11ac(80M)	5150MHz ~5250 MHz	N/A	Channel 42	N/A
		N/A	5210MHz	N/A
802.11a/n/ac(20M)	5725MHz ~5850 MHz	Channel 149	Channel 157	Channel 165
		5745MHz	5785MHz	5825MHz
802.11n/ac(40M)	5725MHz ~5850 MHz	Channel 151	N/A	Channel 159
		5755MHz	N/A	5795MHz
802.11ac(80M)	5725MHz ~5850 MHz	N/A	Channel 155	N/A
		N/A	5775MHz	N/A

Test mode:
Pre-scan under all rate at lowest channel for Ant1

Mode	802.11a							
Data Rate	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
Power(dBm)	9.86	9.58	9.55	9.25	8.94	9.57	8.97	9.74
Mode	802.11n (20M)							
Data Rate	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
Power(dBm)	9.88	9.70	9.45	9.36	8.99	8.91	8.95	8.64
Mode	802.11ac (20M)							
Data Rate	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
Power(dBm)	8.95	8.75	8.50	8.51	7.98	7.85	7.69	7.60
Mode	802.11n(40M)							
Data Rate	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
Power(dBm)	8.80	8.65	8.43	8.25	7.90	7.88	7.64	7.78
Mode	802.11ac (40M)							
Data Rate	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
Power(dBm)	8.78	8.60	8.65	8.40	8.31	8.32	8.55	8.20
Mode	802.11ac(80M)							
Data Rate	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
Power(dBm)	5.86	5.25	4.94	4.95	4.68	4.33	4.60	4.55

Through Pre-scan, MCS0 is the worst case of 802.11a (20M); MCS0 is the worst case of 802.11n (20M) ; MCS0 is the worst case of 802.11ac (20M) ; MCS0 is the worst case of 802.11n(40M) ; MCS0 is the worst case of 802.11ac (40M) ; MCS0 is the worst case of 802.11ac(80M).

6 General Information

6.1 Client Information

Applicant:	reMarkable AS
Address of Applicant:	Biermanns gate 6, 0374 Oslo, Norway
Manufacturer:	reMarkable AS
Address of Manufacturer:	Biermanns gate 6, 0374 Oslo, Norway
Factory:	Dongguan Kaifa Technology Co., Ltd.
Address of Factory:	Kaifa Park of CEC Industry Base, Humen town, Dongguan City, Guangdong Province.

6.2 General Description of EUT

Product Name:	reMarkable paper tablet
Model No.(EUT):	RM102
Trade Mark:	reMarkable
EUT Supports Radios application:	2.4GHz Wi-Fi: 802.11b/g/n(HT20): 2412MHz ~2462 MHz, 5GHz Wi-Fi : 5.15-5.25GHz;5.725-5.850GHz, 802.11 a, 802.11n(HT20/HT40);802.11ac(VHT20/VHT40/VHT80)
Power Supply:	Polymer Li-ion Battery 3.7V, 3000mAh
USB Cable:	102cm(Unscreened)
Sample Received Date:	Jan. 08, 2019
Sample tested Date:	Jan. 11, 2019 to Jan. 29, 2019

6.3 Product Specification subjective to this standard

Operation Frequency:	IEEE 802.11a/n/ac(20M): 5150MHz ~5250 MHz IEEE802.11n/ac(40M): 5150MHz ~5250 MHz IEEE802.11ac(80M): 5150MHz ~5250 MHz IEEE 802.11a/n/ac(20M): 5725MHz ~5850 MHz IEEE802.11n/ac(40M): 5725MHz ~5850 MHz IEEE802.11ac(80M): 5725MHz ~5850 MHz
Channel Numbers:	IEEE 802.11a/n/ac(20M): 5150MHz ~5250MHz/ 4 channel IEEE 802.11n/ac(40M): 5150MHz ~5250MHz/ 2 channel IEEE 802.11ac(80M): 5150MHz ~5250MHz/ 1 channel IEEE 802.11a/n/ac(20M): 5725MHz ~5850MHz/ 5 channel IEEE 802.11n/ac(40M): 5725MHz ~5850MHz/ 2 channel IEEE 802.11ac(80M): 5725MHz ~5850MHz/ 1 channel
Type of Modulation:	OFDM
Sample Type:	Portable production
Firmware version:	7.45.96.32(manufacturer declare)
Hardware version:	D(manufacturer declare)
Test Power Grade:	N/A
Test Software of EUT:	N/A
Antenna Type:	PIFA Antenna
Antenna gain:	4.43dBi@5.2G, 4.4dBi@5.8G
Test Voltage:	AC 120V, 60Hz

Operation Frequency each of channel

For 802.11a/n/ac(20M) Operation in the 5150MHz ~5250 MHz band			
Channel	Frequency	Channel	Frequency
36	5180MHz	44	5220MHz
40	5200MHz	48	5240MHz
For 802.11a/n/ac(20M) Operation in the 5725MHz ~5850 MHz band			
Channel	Frequency	Channel	Frequency
149	5745MHz	161	5805MHz
153	5765MHz	165	5825MHz
157	5785MHz	NA	NA

For 802.11n/ac(40M) Operation in the 5150MHz ~5250 MHz band			
Channel	Frequency	Channel	Frequency
38	5190MHz	46	5230MHz
For 802.11n/ac(40M) Operation in the 5725MHz ~5850 MHz band			
Channel	Frequency	Channel	Frequency
151	5755MHz	159	5795MHz

For 802.11ac(80M) Operation in the 5150MHz ~5250 MHz band			
Channel	Frequency	Channel	Frequency
42	5210MHz	NA	NA
For 802.11ac(80M) Operation in the 5725MHz ~5850 MHz band			
Channel	Frequency	Channel	Frequency
155	5775MHz	NA	NA

6.4 Description of Support Units

The EUT has been tested with associated equipment below.

Associated equipment name		Manufacture	model	serial number	Supplied by	Certification
AE1	Mouse	Lenovo	M-UAE119	LZ834A60ADM	CTI	FCC
AE2	PC	Apple	MMGF2 ZP/A	ODN20170212	CTI	FCC

6.5 Test Location

All tests were performed at:

Centre Testing International Group Co., Ltd

Building C, Hongwei Industrial Park Block 70, Bao'an District, Shenzhen, China

Telephone: +86 (0) 755 33683668 Fax: +86 (0) 755 33683385

No tests were sub-contracted.

FCC Designation No.: CN1164

6.6 Deviation from Standards

None.

6.7 Abnormalities from Standard Conditions

None.

6.8 Other Information Requested by the Customer

None.

6.9 Measurement Uncertainty (95% confidence levels, k=2)

No.	Item	Measurement Uncertainty
1	Radio Frequency	7.9×10^{-8}
2	RF power, conducted	0.46dB (30MHz-1GHz)
		0.55dB (1GHz-18GHz)
3	Radiated Spurious emission test	4.5dB (30MHz-1GHz)
		4.8dB (1GHz-12.75GHz)
4	Conduction emission	3.5dB (9kHz to 150kHz)
		3.1dB (150kHz to 30MHz)
5	Temperature test	0.64°C
6	Humidity test	3.8%
7	DC power voltages	0.026%

7 Equipment List

RF test system					
Equipment	Manufacturer	Model No.	Serial Number	Cal. Date (mm-dd-yyyy)	Cal. Due date (mm-dd-yyyy)
Signal Generator	Keysight	E8257D	MY53401106	03-13-2018	03-12-2019
Spectrum Analyzer	Keysight	N9010A	MY54510339	03-13-2018	03-12-2019
Signal Generator	Keysight	N5182B	MY53051549	03-13-2018	03-12-2019
High-pass filter	Sinoscite	FL3CX03WG1 8NM12-0398-002	---	01-09-2019	01-08-2020
High-pass filter	MICRO-TRONICS	SPA-F-63029-4	---	01-09-2019	01-08-2020
DC Power	Keysight	E3642A	MY54426035	03-13-2018	03-12-2019
PC-1	Lenovo	R4960d	---	03-13-2018	03-12-2019
BT&WI-FI Automatic control	R&S	OSP120	101374	03-13-2018	03-12-2019
RF control unit	JS Tonscend	JS0806-2	15860006	03-13-2018	03-12-2019
RF control unit	JS Tonscend	JS0806-1	15860004	03-13-2018	03-12-2019
RF control unit	JS Tonscend	JS0806-4	158060007	03-13-2018	03-12-2019
BT&WI-FI Automatic test software	JS Tonscend	JS1120-2	---	03-13-2018	03-12-2019
Temperature/ Humidity Indicator	biaozhi	HM10	1804186	10-12-2018	10-11-2019

Conducted disturbance Test					
Equipment	Manufacturer	Model No.	Serial Number	Cal. date (mm-dd-yyyy)	Cal. Due date (mm-dd-yyyy)
Receiver	R&S	ESCI	100435	05-25-2018	05-24-2019
Temperature/ Humidity Indicator	Defu	TH128	/	07-02-2018	07-01-2019
Communication test set	Agilent	E5515C	GB47050 534	03-16-2018	03-15-2019
Communication test set	R&S	CMW500	152394	03-16-2018	03-15-2019
LISN	R&S	ENV216	100098	05-10-2018	05-10-2019
LISN	schwarzbeck	NNLK8121	8121-529	05-10-2018	05-10-2019
Voltage Probe	R&S	ESH2-Z3 0299.7810.5 6	100042	06-13-2017	06-11-2020
Current Probe	R&S	EZ-17 816.2063.03	100106	05-30-2018	05-29-2019
ISN	TESEQ	ISN T800	30297	02-06-2018	02-05-2019
Barometer	changchun	DYM3	1188	07-02-2018	07-01-2019

3M Semi/full-anechoic Chamber					
Equipment	Manufacturer	Model No.	Serial Number	Cal. date (mm-dd-yyyy)	Cal. Due date (mm-dd-yyyy)
3M Chamber & Accessory Equipment	TDK	SAC-3	---	06-04-2016	06-03-2019
TRILOG Broadband Antenna	Schwarzbeck	VULB9163	9163-401	10-28-2018	10-27-2019
TRILOG Broadband Antenna	Schwarzbeck	VULB9163	9163-618	07-30-2018	07-29-2019
Microwave Preamplifier	Agilent	8449B	3008A02425	08-21-2018	08-20-2019
Microwave Preamplifier	Tonscend	EMC051845 SE	980380	01-17-2017 01-16-2018	01-16-2018 01-15-2019
Horn Antenna	Schwarzbeck	BBHA 9120D	9120D-1869	04-25-2018	04-23-2021
Horn Antenna	ETS-LINDGREN	3117	00057410	06-05-2018	06-03-2021
Double ridge horn antenna	A.H.SYSTEMS	SAS-574	6042	06-05-2018	06-04-2021
Pre-amplifier	A.H.SYSTEMS	PAP-1840-60	6041	06-05-2018	06-04-2021
Loop Antenna	ETS	6502	00071730	06-22-2017	06-21-2019
Spectrum Analyzer	R&S	FSP40	100416	05-11-2018	05-10-2019
Receiver	R&S	ESCI	100435	05-25-2018	05-24-2019
Receiver	R&S	ESCI7	100938-003	11-23-2018	11-22-2019
Multi device Controller	maturo	NCD/070/10711112	---	01-09-2019	01-08-2020
LISN	schwarzbeck	NNBM8125	81251547	05-11-2018	05-10-2019
LISN	schwarzbeck	NNBM8125	81251548	05-11-2018	05-10-2019
Signal Generator	Agilent	E4438C	MY45095744	03-13-2018	03-12-2019
Signal Generator	Keysight	E8257D	MY53401106	03-13-2018	03-12-2019
Temperature/ Humidity Indicator	Shanghai qixiang	HM10	1804298	10-12-2018	10-11-2019
Communication test set	Agilent	E5515C	GB47050534	03-16-2018	03-15-2019
Cable line	Fulai(7M)	SF106	5219/6A	01-09-2019	01-08-2020
Cable line	Fulai(6M)	SF106	5220/6A	01-09-2019	01-08-2020
Cable line	Fulai(3M)	SF106	5216/6A	01-09-2019	01-08-2020
Cable line	Fulai(3M)	SF106	5217/6A	01-09-2019	01-08-2020
Communication test set	R&S	CMW500	104466	02-05-2018	02-04-2019
High-pass filter	Sinoscite	FL3CX03WG18NM12-0398-002	---	01-09-2019	01-08-2020
High-pass filter	MICRO-TRONICS	SPA-F-63029-4	---	01-09-2019	01-08-2020
band rejection filter	Sinoscite	FL5CX01CA09CL12-0395-001	---	01-09-2019	01-08-2020
band rejection filter	Sinoscite	FL5CX01CA08CL12-0393-001	---	01-09-2019	01-08-2020
band rejection filter	Sinoscite	FL5CX02CA04CL12-0396-002	---	01-09-2019	01-08-2020
band rejection filter	Sinoscite	FL5CX02CA03CL12-0394-001	---	01-09-2019	01-08-2020

3M full-anechoic Chamber					
Equipment	Manufacturer	Model No.	Serial Number	Cal. date (mm-dd-yyyy)	Cal. Due date (mm-dd-yyyy)
RSE Automatic test software	JS Tonscend	JS36-RSE	10166	06-20-2018	06-19-2019
Receiver	Keysight	N9038A	MY57290136	03-28-2018	03-27-2019
Spectrum Analyzer	Keysight	N9020B	MY57111112	03-28-2018	03-27-2019
Spectrum Analyzer	Keysight	N9030B	MY57140871	03-28-2018	03-27-2019
Loop Antenna	Schwarzbeck	FMZB 1519B	1519B-075	04-25-2018	04-23-2021
Loop Antenna	Schwarzbeck	FMZB 1519B	1519B-076	04-25-2018	04-23-2021
TRILOG Broadband Antenna	Schwarzbeck	VULB 9163	9163-1148	04-25-2018	04-23-2021
Horn Antenna	Schwarzbeck	BBHA 9170	9170-832	04-25-2018	04-23-2021
Horn Antenna	Schwarzbeck	BBHA 9170	9170-829	04-25-2018	04-23-2021
Communication Antenna	Schwarzbeck	CLSA 0110L	1014	02-15-2018	02-14-2019
Biconical antenna	Schwarzbeck	VUBA 9117	9117-381	04-25-2018	04-23-2021
Horn Antenna	ETS-LINDGREN	3117	00057407	07-10-2018	07-08-2021
Preamplifier	EMCI	EMC184055SE	980596	06-20-2018	06-19-2019
Communication test set	R&S	CMW500	102898	01-19-2018 01-18-2019	01-18-2019 01-17-2020
Preamplifier	EMCI	EMC001330	980563	06-20-2018	06-19-2019
Preamplifier	Agilent	8449B	3008A02425	08-21-2018	08-20-2019
Temperature/Humidity Indicator	biaozhi	GM1360	EE1186631	05-02-2018	05-01-2019
Signal Generator	KEYSIGHT	E8257D	MY53401106	03-13-2018	03-12-2019
Fully Anechoic Chamber	TDK	FAC-3	---	01-17-2018	01-15-2021
Filter bank	JS Tonscend	JS0806-F	188060094	04-10-2018	04-08-2021
Cable line	Times	SFT205-NMSM-2.50M	394812-0001	01-09-2019	01-08-2020
Cable line	Times	SFT205-NMSM-2.50M	394812-0002	01-09-2019	01-08-2020
Cable line	Times	SFT205-NMSM-2.50M	394812-0003	01-09-2019	01-08-2020
Cable line	Times	SFT205-NMSM-2.50M	393495-0001	01-09-2019	01-08-2020
Cable line	Times	EMC104-NMNM-1000	SN160710	01-09-2019	01-08-2020
Cable line	Times	SFT205-NMSM-3.00M	394813-0001	01-09-2019	01-08-2020
Cable line	Times	SFT205-NMNM-1.50M	381964-0001	01-09-2019	01-08-2020
Cable line	Times	SFT205-NMSM-7.00M	394815-0001	01-09-2019	01-08-2020
Cable line	Times	HF160-KMKM-3.00M	393493-0001	01-09-2019	01-08-2020

8 Radio Technical Requirements Specification

Reference documents for testing:

No.	Identity	Document Title
1	FCC Part15E	Subpart C-Intentional Radiators
2	ANSI C63.10-2013	American National Standard for Testing Unlicensed Wireless Devices
3	KDB 789033 D02 General U-NII Test Procedures New Rules v02r01	Guidelines for compliance testing of unlicensed national information infrastructure (U-NII) device part 15, subpart E
4	KDB 662911 D01 Multiple Transmitter Output v02r01	Emissions Testing of Transmitters with Multiple Outputs in the Same Band

Test Results List:

Test Requirement	Test method	Test item	Verdict	Note
Part15E Section 15.407 (a)(1)(2)(4)(h)(1)	KDB789033 / KDB 662911	Duty Cycle	PASS	Appendix A)
Part15E Section 15.407 (a)(1)(2)	KDB789033	Emission Bandwidth and Occupied Bandwidth	PASS	Appendix B)
Part15E Section 15.407 (a)(1)(2)(4)(h)(1)	KDB789033 / KDB 662911	Conducted Output Power and transmit power control mechanism	PASS	Appendix C)
Part15E Section 15.407 (a)(1)(2)(5)	KDB789033 / KDB 662911	Power Spectral Density	PASS	Appendix D)
Part15E Section 15.407 (b)(1)to(6)	KDB789033 / KDB 662911	Band Edge Measurements	PASS	Appendix E)
Part15E Section 15.407 (g)	KDB789033	Frequency stability	PASS	Appendix F)
Part15C Section 15.203	ANSI C63.10	Antenna Requirement	PASS	Appendix G)
Part15E Section 15.407 (c)	Section 15.407	Operation in the absence of information to the transmit	PASS	Appendix H)
Part15E Section 15.407 (b)(6)	ANSI C63.10	AC Power Line Conducted Emission	PASS	Appendix I)
Part15E Section 15.407 (b)(6)(7)(8)	KDB789033	Restricted bands around fundamental frequency (Radiated Emission)	PASS	Appendix J)
Part15E Section 15.407 (b)(6)(7)(8)	KDB789033	Unwanted Emissions in the Restricted Bands	PASS	Appendix K)
Part15E Section 15.407 (b)(1)(2)(3)(5)	KDB789033	Unwanted Emissions that fall Outside of the Restricted Bands	PASS	Appendix L)

Appendix A): Duty Cycle

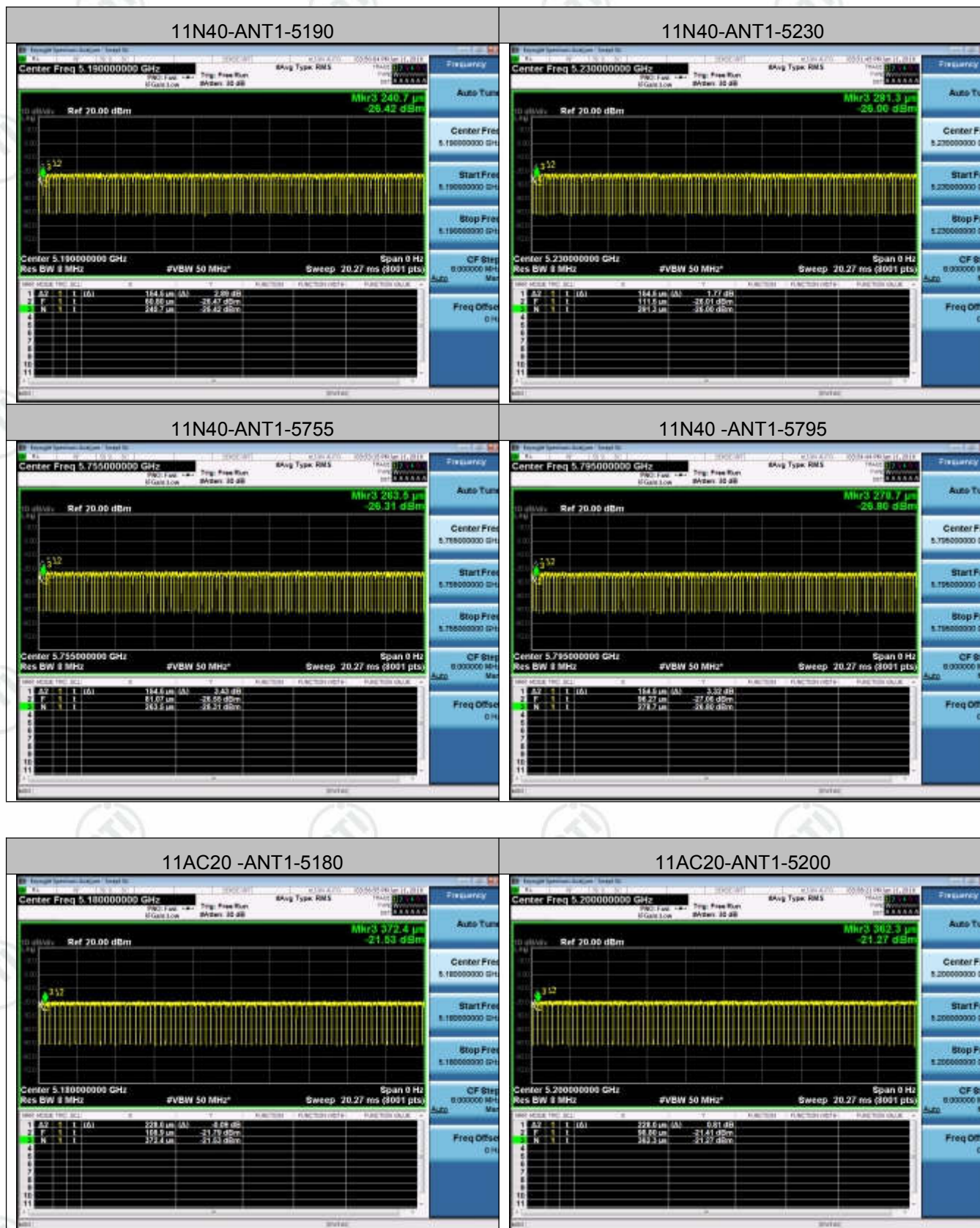
Result Table

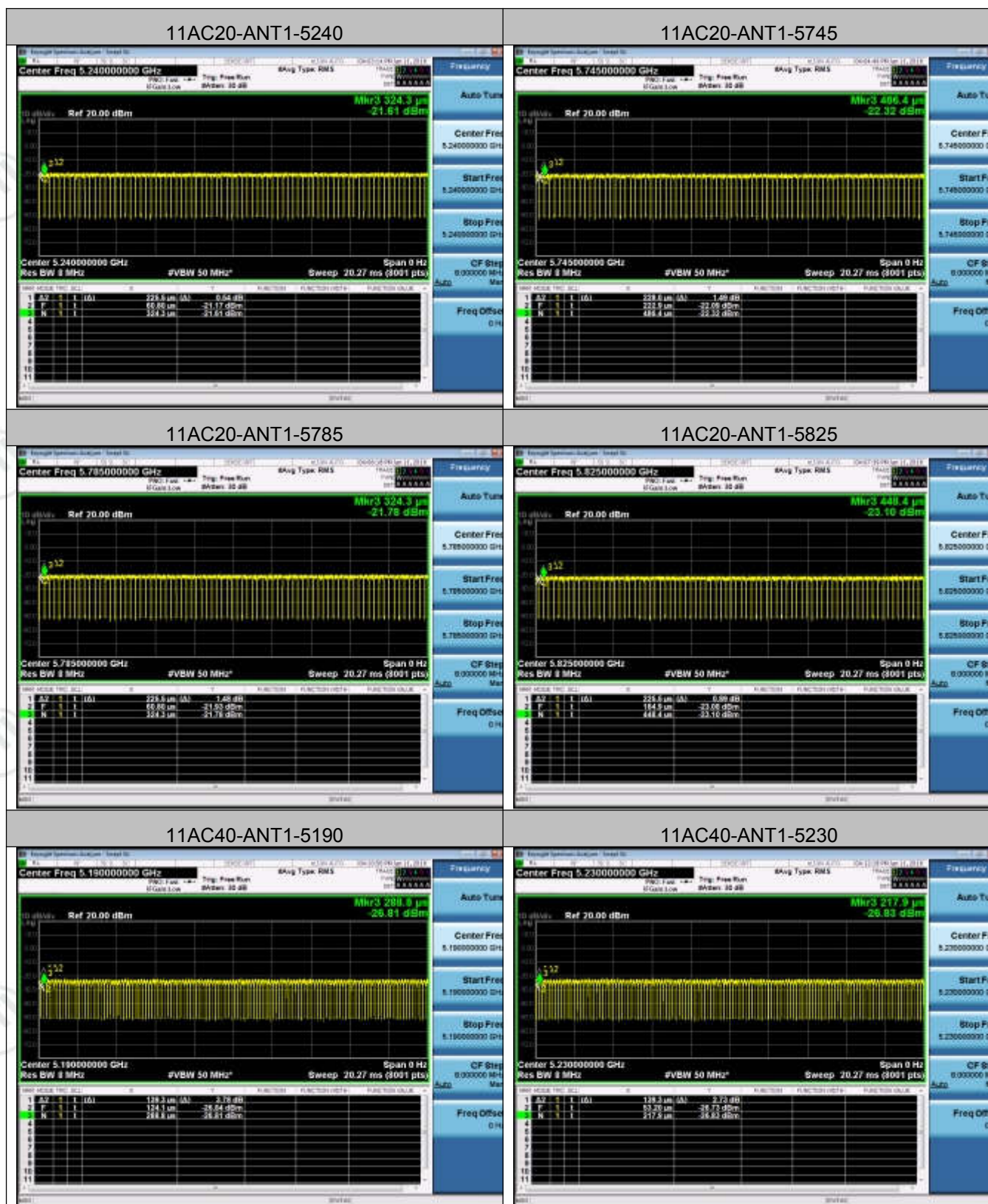
Test Mode	Channel	Duty Cycle[%]	Verdict
11A	5180	87.27	PASS
11A	5200	87.27	PASS
11A	5240	86.36	PASS
11A	5745	86.36	PASS
11A	5785	86.36	PASS
11A	5825	87.27	PASS
11N20SISO	5180	87.27	PASS
11N20SISO	5200	86.36	PASS
11N20SISO	5240	87.27	PASS
11N20SISO	5745	86.49	PASS
11N20SISO	5785	87.27	PASS
11N20SISO	5825	87.27	PASS
11N40SISO	5190	85.92	PASS
11N40SISO	5230	85.92	PASS
11N40SISO	5755	84.72	PASS
11N40SISO	5795	84.72	PASS
11AC20SISO	5180	86.54	PASS
11AC20SISO	5200	86.54	PASS
11AC20SISO	5240	85.58	PASS
11AC20SISO	5745	86.54	PASS
11AC20SISO	5785	85.58	PASS
11AC20SISO	5825	85.58	PASS
11AC40SISO	5190	84.62	PASS
11AC40SISO	5230	84.62	PASS
11AC40SISO	5755	84.62	PASS
11AC40SISO	5795	83.33	PASS
11AC80SISO	5210	75.56	PASS
11AC80SISO	5775	75.56	PASS

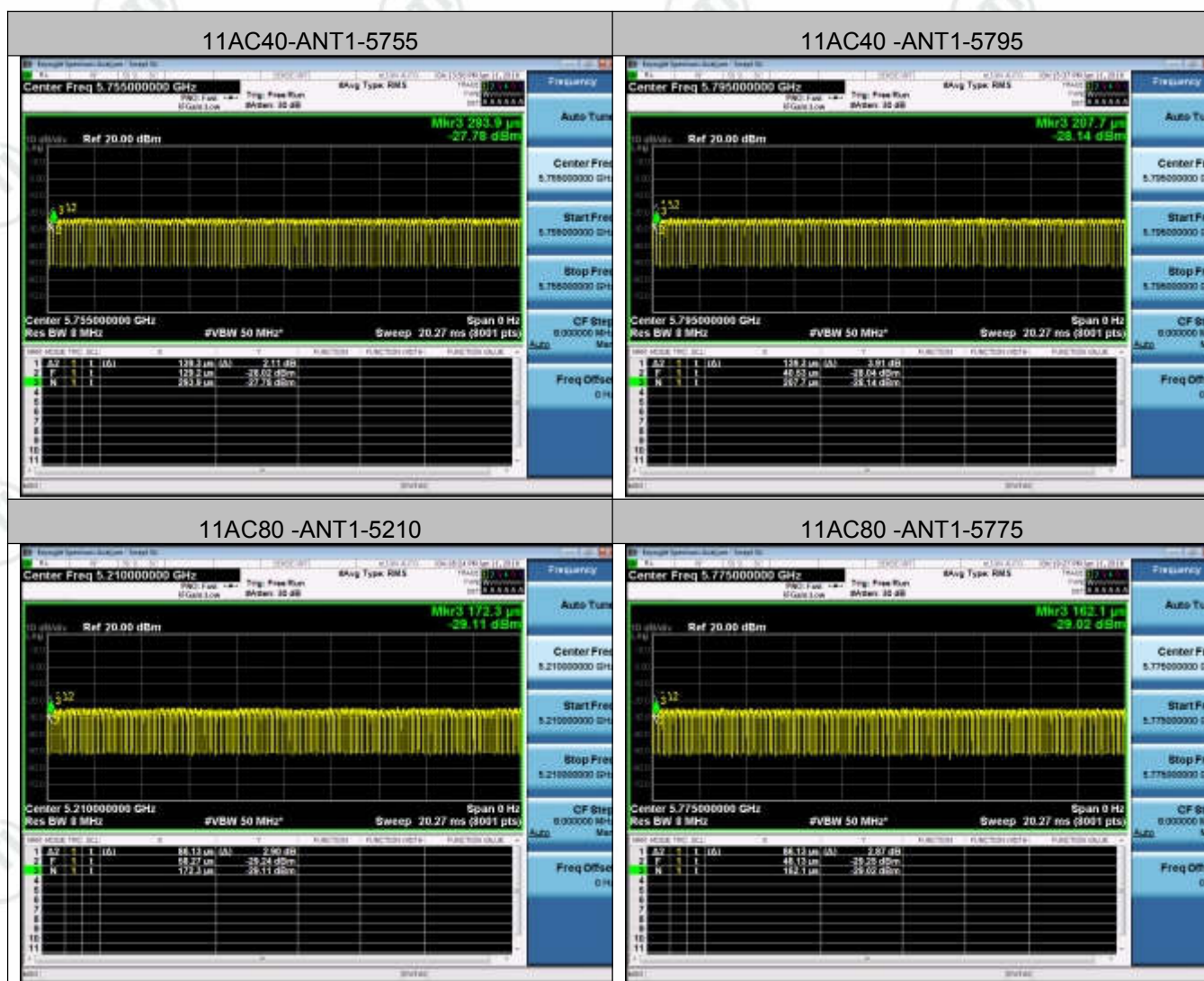
Test Graph









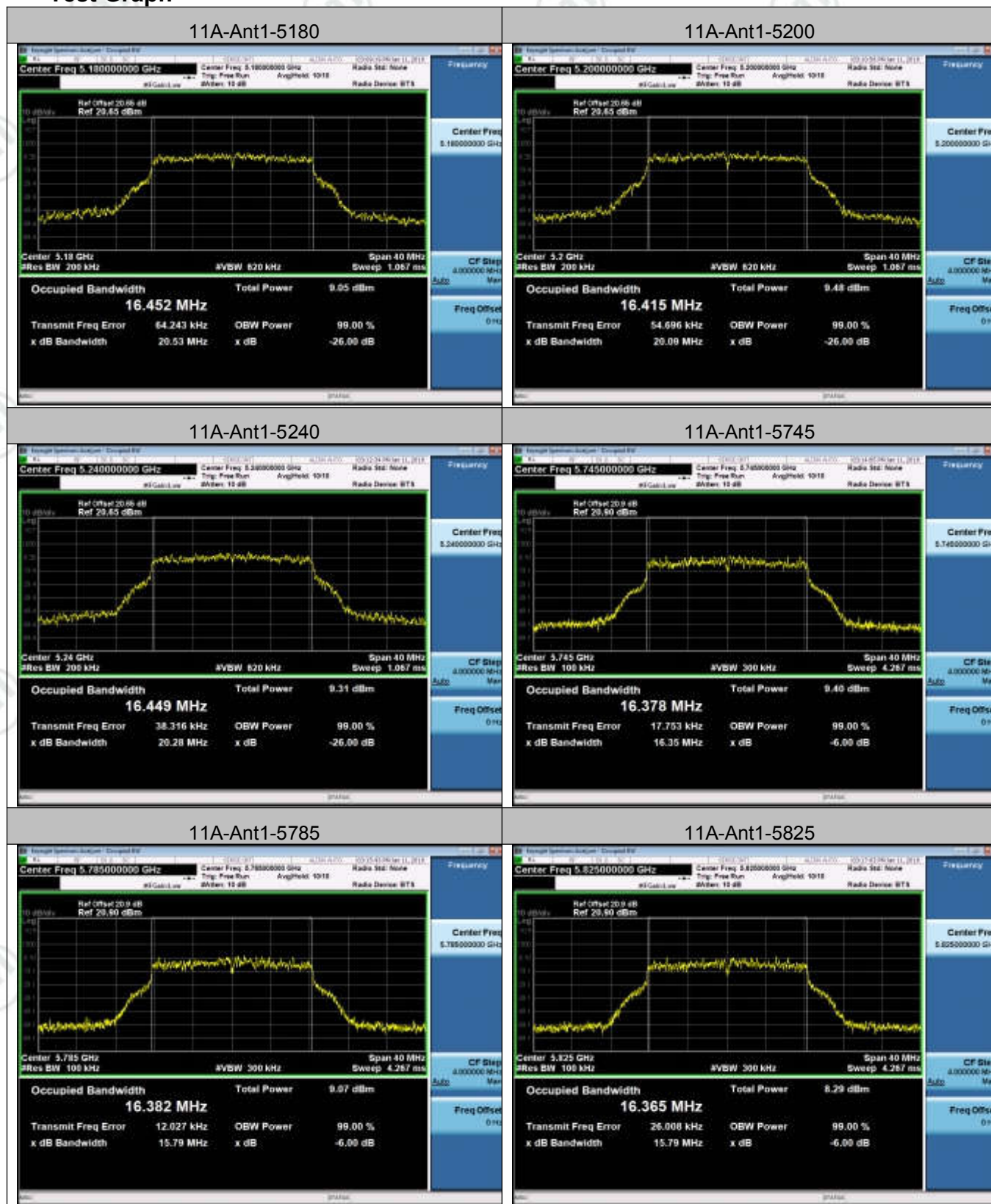


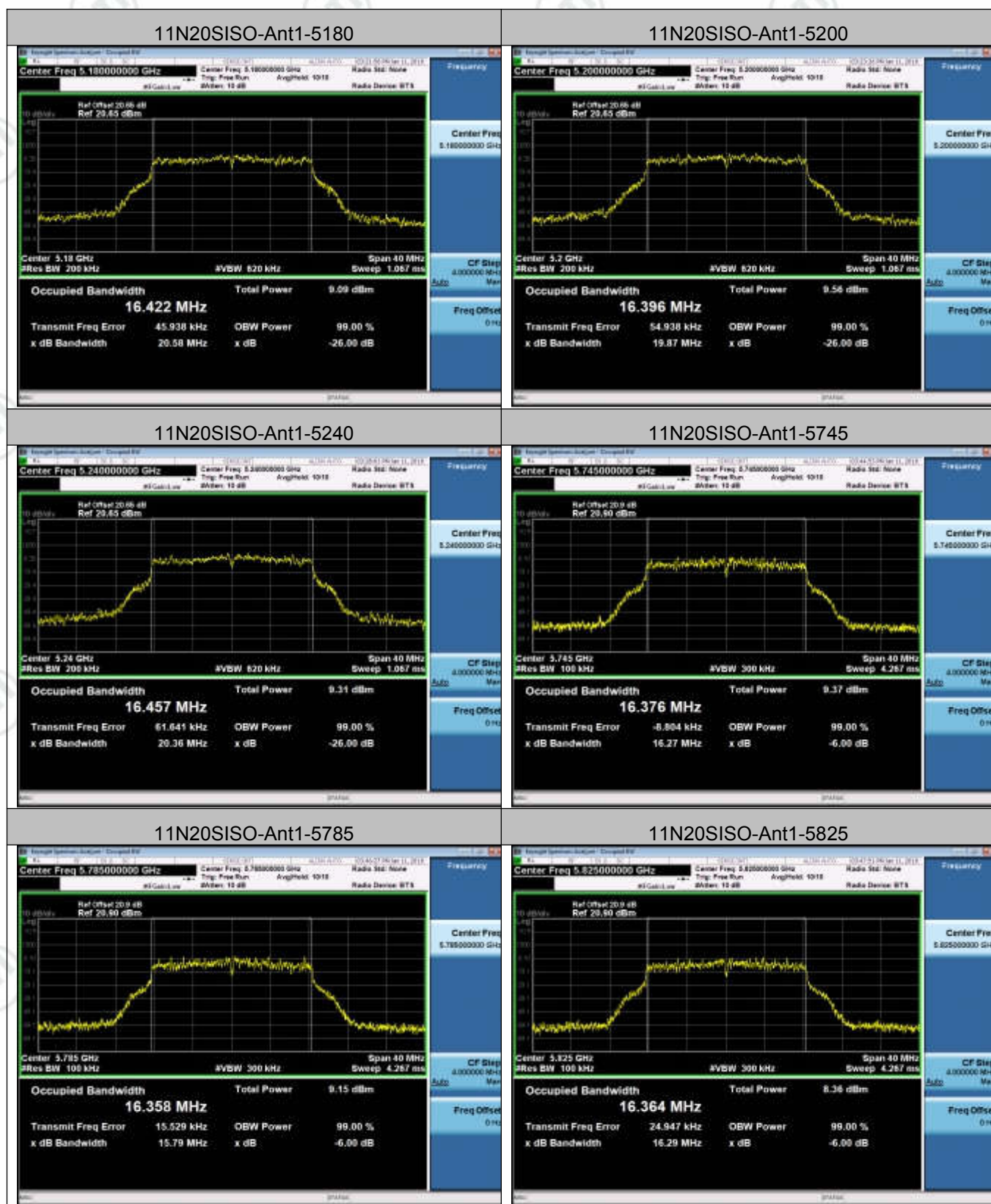
Appendix B): Emission Bandwidth

Result Table

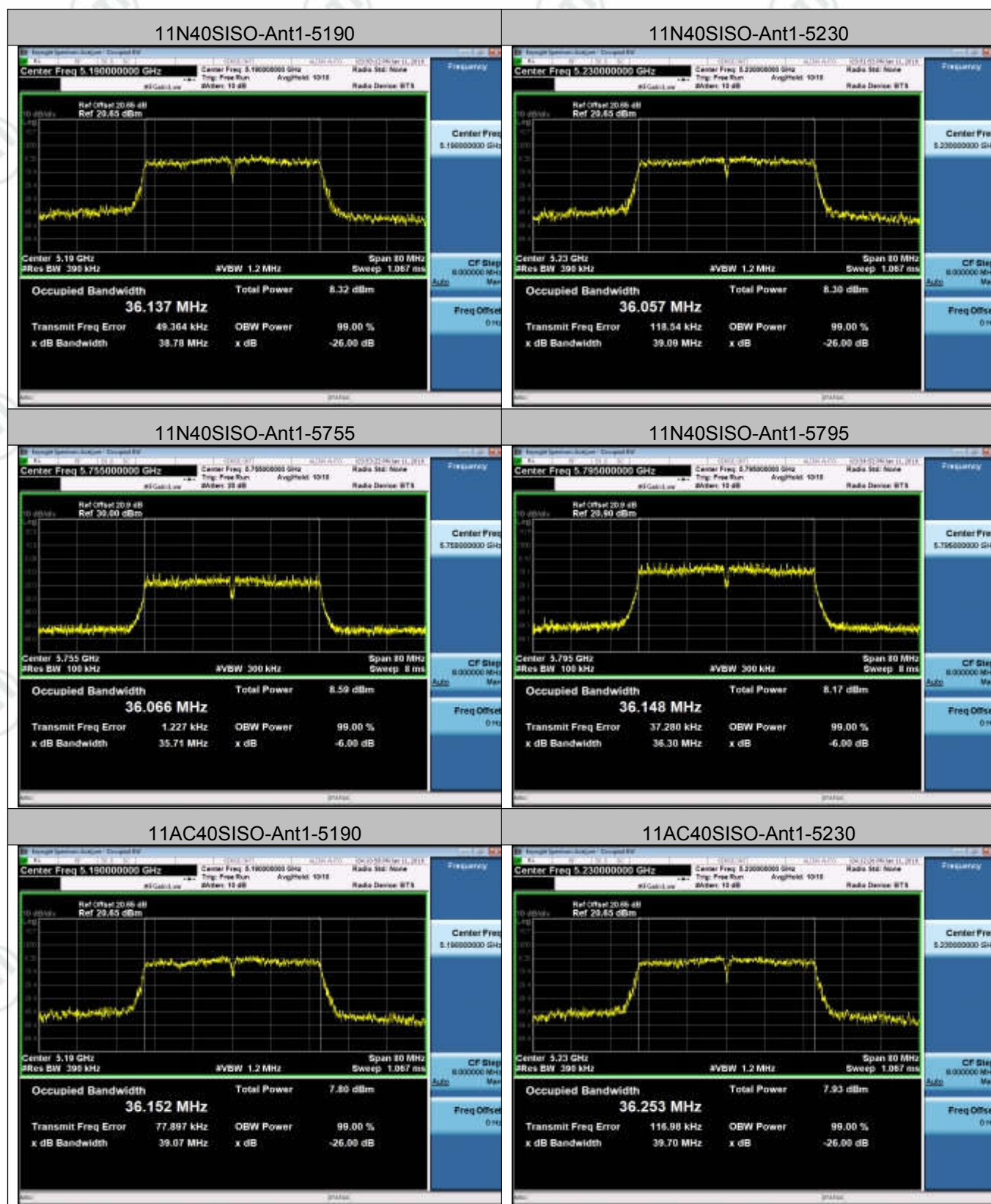
Test Mode	Antenna	Channel	EBW[MHz]	OBW[MHz]	Verdict
11A	Ant1	5180	20.53	16.452	PASS
11A	Ant1	5200	20.09	16.415	PASS
11A	Ant1	5240	20.28	16.449	PASS
11A	Ant1	5745	16.35	16.378	PASS
11A	Ant1	5785	15.79	16.382	PASS
11A	Ant1	5825	15.79	16.365	PASS
11N20SISO	Ant1	5180	20.58	16.422	PASS
11N20SISO	Ant1	5200	19.87	16.396	PASS
11N20SISO	Ant1	5240	20.36	16.457	PASS
11N20SISO	Ant1	5745	16.27	16.376	PASS
11N20SISO	Ant1	5785	15.79	16.358	PASS
11N20SISO	Ant1	5825	16.29	16.364	PASS
11AC20SISO	Ant1	5180	20.94	17.704	PASS
11AC20SISO	Ant1	5200	20.62	17.659	PASS
11AC20SISO	Ant1	5240	20.39	17.691	PASS
11AC20SISO	Ant1	5745	17.27	17.599	PASS
11AC20SISO	Ant1	5785	17.27	17.602	PASS
11AC20SISO	Ant1	5825	17.56	17.615	PASS
11N40SISO	Ant1	5190	38.78	36.137	PASS
11N40SISO	Ant1	5230	39.09	36.057	PASS
11N40SISO	Ant1	5755	35.71	36.066	PASS
11N40SISO	Ant1	5795	36.30	36.148	PASS
11AC40SISO	Ant1	5190	39.07	36.152	PASS
11AC40SISO	Ant1	5230	39.70	36.253	PASS
11AC40SISO	Ant1	5755	35.90	36.137	PASS
11AC40SISO	Ant1	5795	36.09	36.142	PASS
Test Mode	Antenna	Channel	EBW[MHz]	OBW[MHz]	Verdict
11AC80SISO	Ant1	5210	80.44	75.449	PASS
11AC80SISO	Ant1	5775	75.14	75.339	PASS

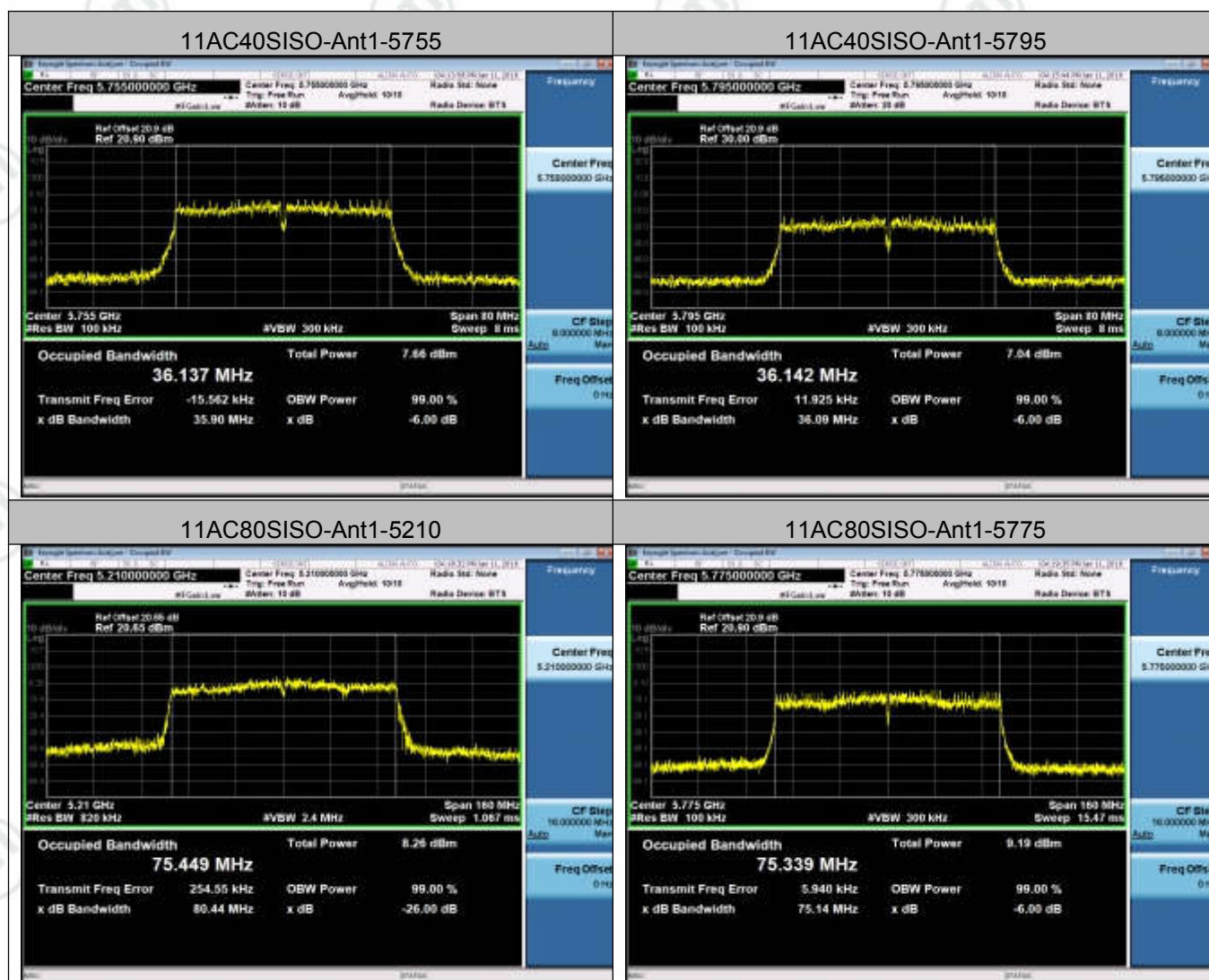
Test Graph











Appendix C): Maximum Conduct Output Power

Result Table

Test Mode	Antenna	Channel	Meas.Level [dBm]	Av.Power [dBm]	Verdict
11A	Ant1	5180	9.09	9.68	PASS
11A	Ant1	5200	9.27	9.86	PASS
11A	Ant1	5240	9.5	10.14	PASS
11A	Ant1	5745	9.35	9.99	PASS
11A	Ant1	5785	8.93	9.57	PASS
11A	Ant1	5825	8.15	8.74	PASS
11N20SISO	Ant1	5180	8.77	9.36	PASS
11N20SISO	Ant1	5200	9.54	10.18	PASS
11N20SISO	Ant1	5240	9.51	10.1	PASS
11N20SISO	Ant1	5745	9.41	10.04	PASS
11N20SISO	Ant1	5785	8.97	9.56	PASS
11N20SISO	Ant1	5825	8.06	8.65	PASS
11AC20SISO	Ant1	5180	7.37	8	PASS
11AC20SISO	Ant1	5200	7.77	8.4	PASS
11AC20SISO	Ant1	5240	7.89	8.57	PASS
11AC20SISO	Ant1	5745	7.59	8.22	PASS
11AC20SISO	Ant1	5785	7.37	8.05	PASS
11AC20SISO	Ant1	5825	6.42	7.1	PASS
11N40SISO	Ant1	5190	8.25	8.91	PASS
11N40SISO	Ant1	5230	8.43	9.09	PASS
11N40SISO	Ant1	5755	8.51	9.23	PASS
11N40SISO	Ant1	5795	7.94	8.66	PASS
11AC40SISO	Ant1	5190	7.85	8.58	PASS
11AC40SISO	Ant1	5230	7.85	8.58	PASS
11AC40SISO	Ant1	5755	7.19	7.92	PASS
11AC40SISO	Ant1	5795	7.16	7.95	PASS
11AC80SISO	Ant1	5210	2.52	3.74	PASS
11AC80SISO	Ant1	5775	2.96	4.18	PASS

Remark:

1. According KDB789033 D02, If continuous transmission cannot be achieved the $10 \log (1/\text{duty cycle})$ should be add.

$\text{Av.Power} = \text{Meas.Level} + 10 \log (1/\text{duty cycle})$

$\text{E.i.r.p} = \text{Av.Power} + G$, G = antenna gain in dBi.

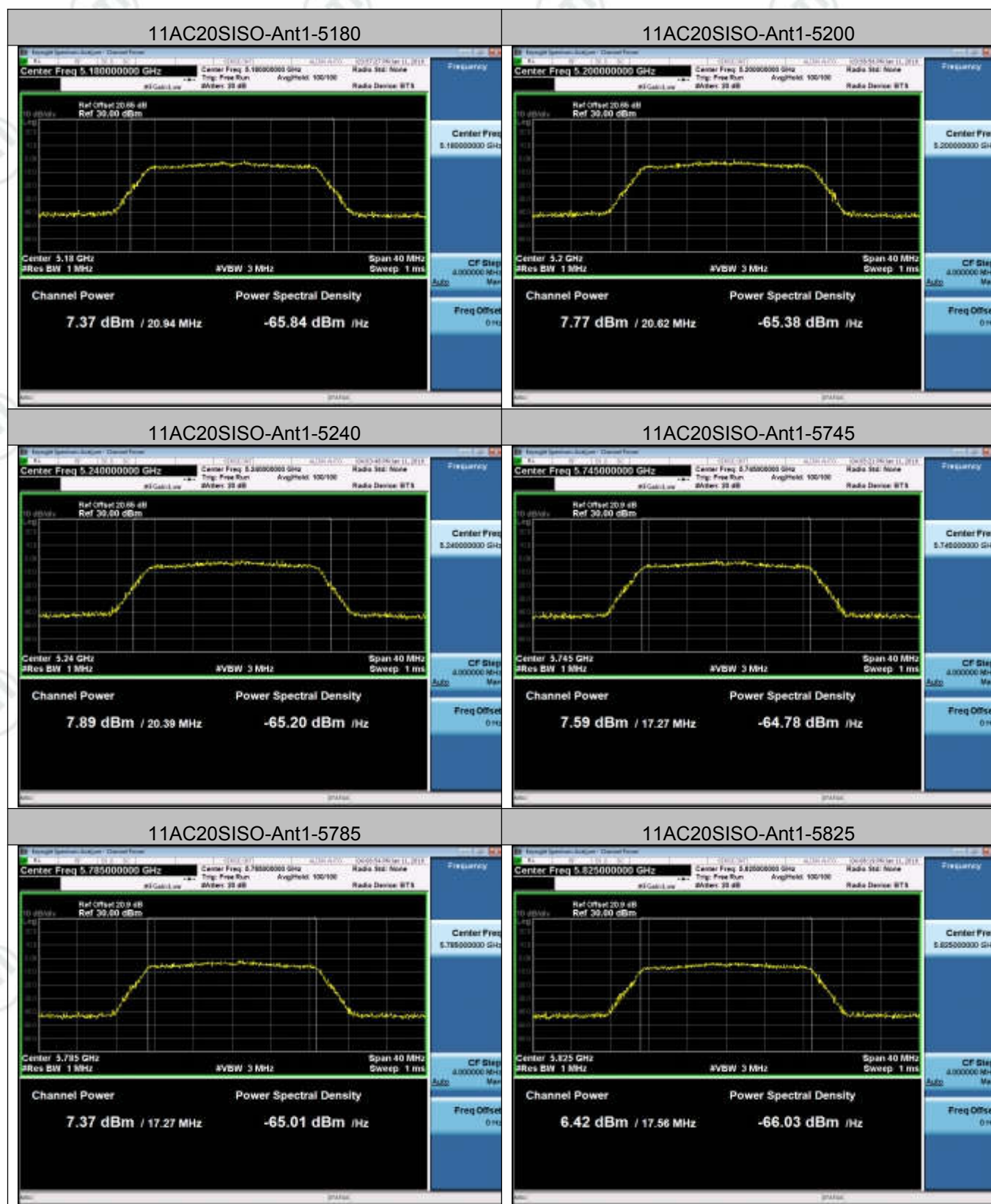
2. Duty Cycle value in report Appendix A, Meas.Level value in report Appendix C,

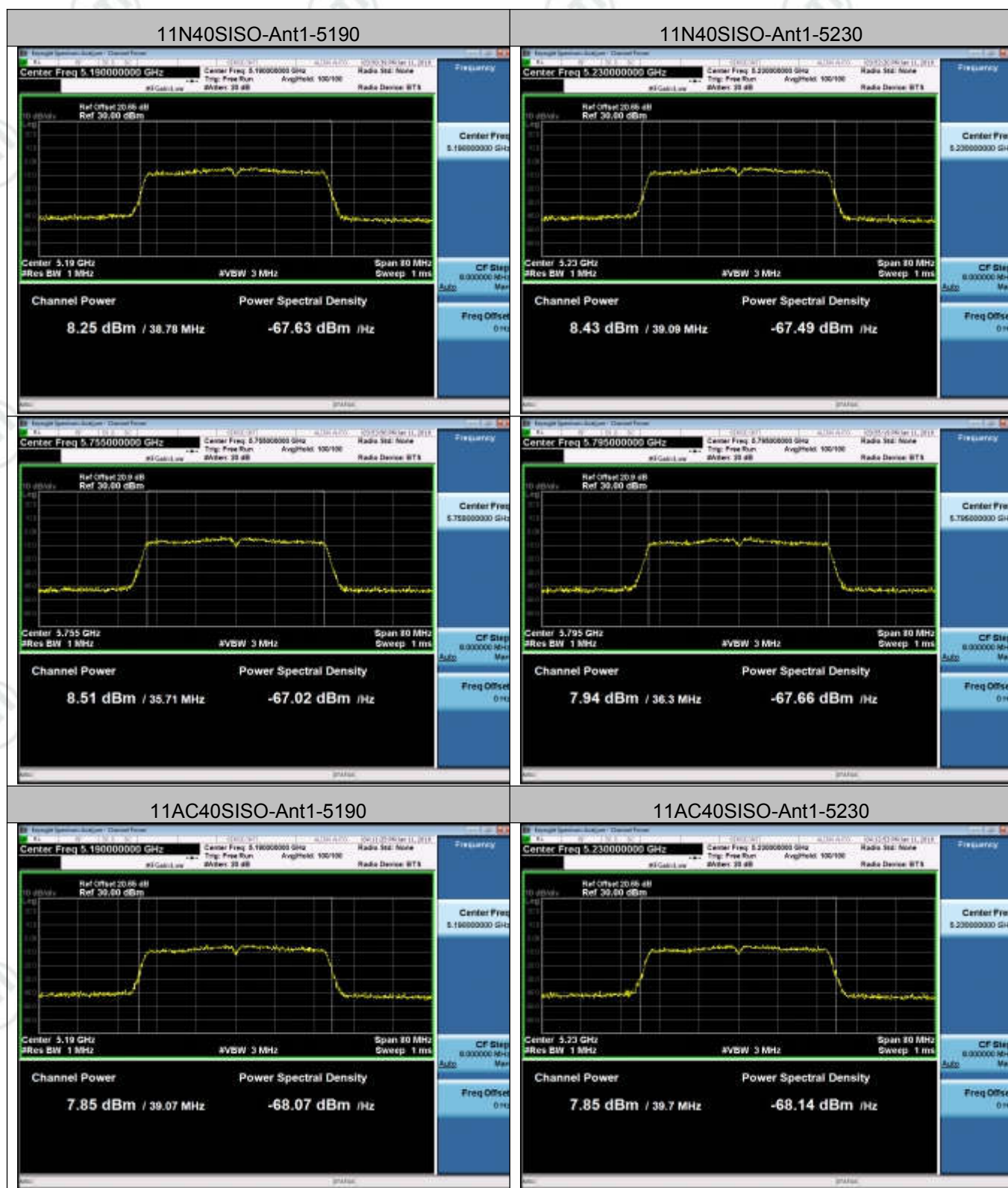
For band 1, MCS0 mode, 802.11a channel 36:5180MHz, Duty Cycle value is 87.27%=0.8727, Meas.Level value is 9.09dBm, $\text{Av.Power} = 9.09 + 10 \log (1/0.8727) = 9.68\text{dBm}$. $\text{E.i.r.p} = 9.68 + 4.43 = 14.11\text{dBm}$.

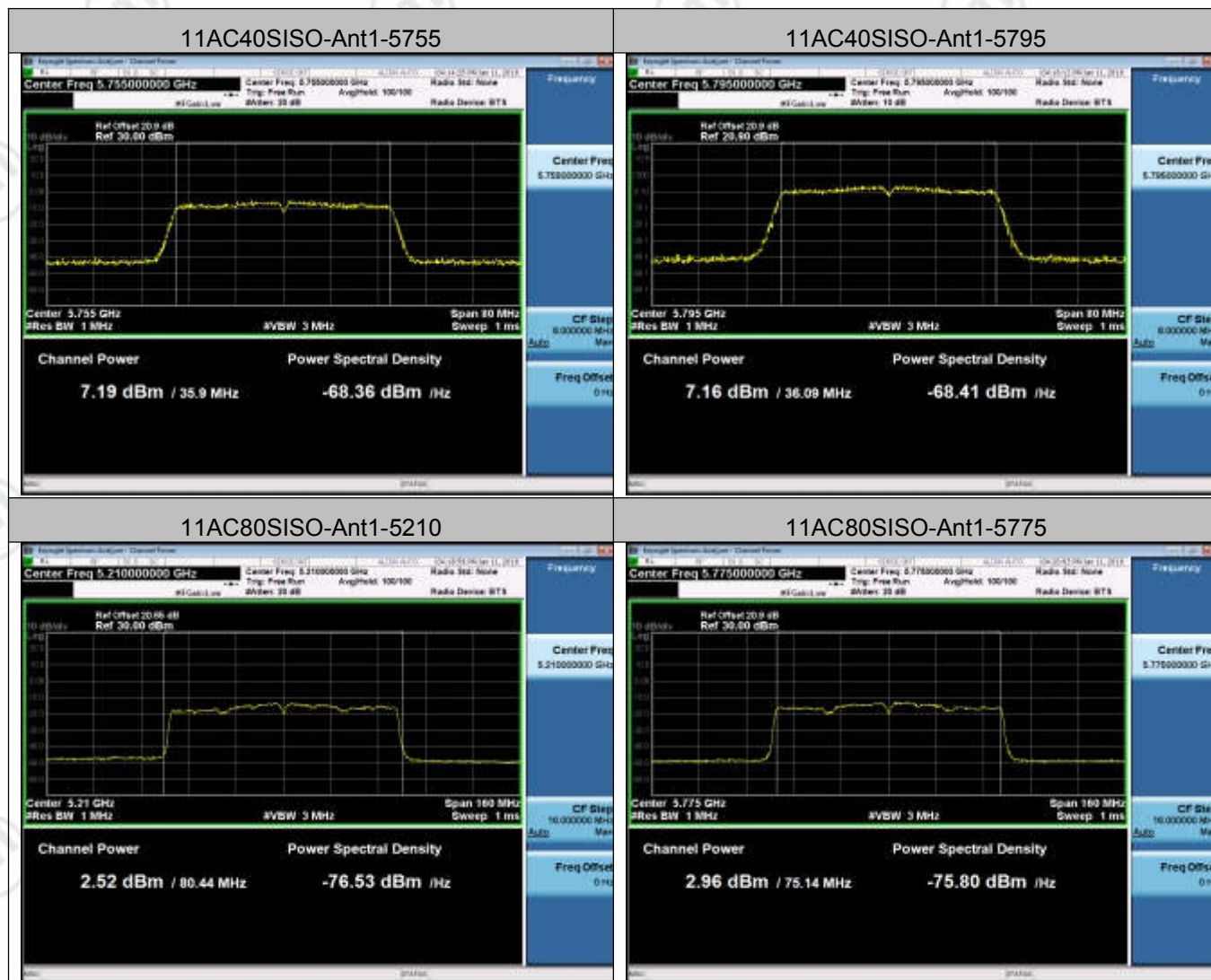
Test Graph











Appendix D): Power Spectral Density

Result Table

Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/MHz]	Verdict
11A	Ant1	5180	2.28	2.87	PASS
11A	Ant1	5200	2.23	2.82	PASS
11A	Ant1	5240	2.62	3.26	PASS
Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/500kHz]	Verdict
11A	Ant1	5745	-0.44	0.20	PASS
11A	Ant1	5785	-0.90	-0.26	PASS
11A	Ant1	5825	-1.29	-0.70	PASS
Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/MHz]	Verdict
11N20SISO	Ant1	5180	1.83	2.42	PASS
11N20SISO	Ant1	5200	2.58	3.21	PASS
11N20SISO	Ant1	5240	2.38	2.97	PASS
Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/500kHz]	Verdict
11N20SISO	Ant1	5745	-0.63	0.00	PASS
11N20SISO	Ant1	5785	-1.10	-0.51	PASS
11N20SISO	Ant1	5825	-1.84	-1.24	PASS

Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/MHz]	Verdict
11N40SISO	Ant1	5190	-0.82	-0.16	PASS
11N40SISO	Ant1	5230	-1.15	-0.49	PASS
Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/500kHz]	Verdict
11N40SISO	Ant1	5755	-4.53	-3.81	PASS
11N40SISO	Ant1	5795	-4.33	-3.61	PASS
Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/MHz]	Verdict
11AC20SISO	Ant1	5180	1.08	1.70	PASS
11AC20SISO	Ant1	5200	1.03	1.66	PASS
11AC20SISO	Ant1	5240	0.95	1.63	PASS
Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/500kHz]	Verdict
11AC20SISO	Ant1	5745	-2.51	-1.88	PASS

11AC20SISO	Ant1	5785	-1.79	-1.12	PASS
11AC20SISO	Ant1	5825	-2.36	-1.69	PASS
Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/MHz]	Verdict
11AC40SISO	Ant1	5190	-1.64	-0.91	PASS
11AC40SISO	Ant1	5230	-1.62	-0.89	PASS
Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/500kHz]	Verdict
11AC40SISO	Ant1	5755	-5.44	-4.71	PASS
11AC40SISO	Ant1	5795	-5.05	-4.26	PASS
Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/MHz]	Verdict
11AC80SISO	Ant1	5210	-4.93	-3.71	PASS
Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/500kHz]	Verdict
11AC80SISO	Ant1	5775	-6.12	-4.90	PASS

Remark:

1. According KDB789033 D02, If continuous transmission cannot be achieved the 10 log (1/duty cycle) should be add.

PSD=Meas.Level+10 log (1/duty cycle)

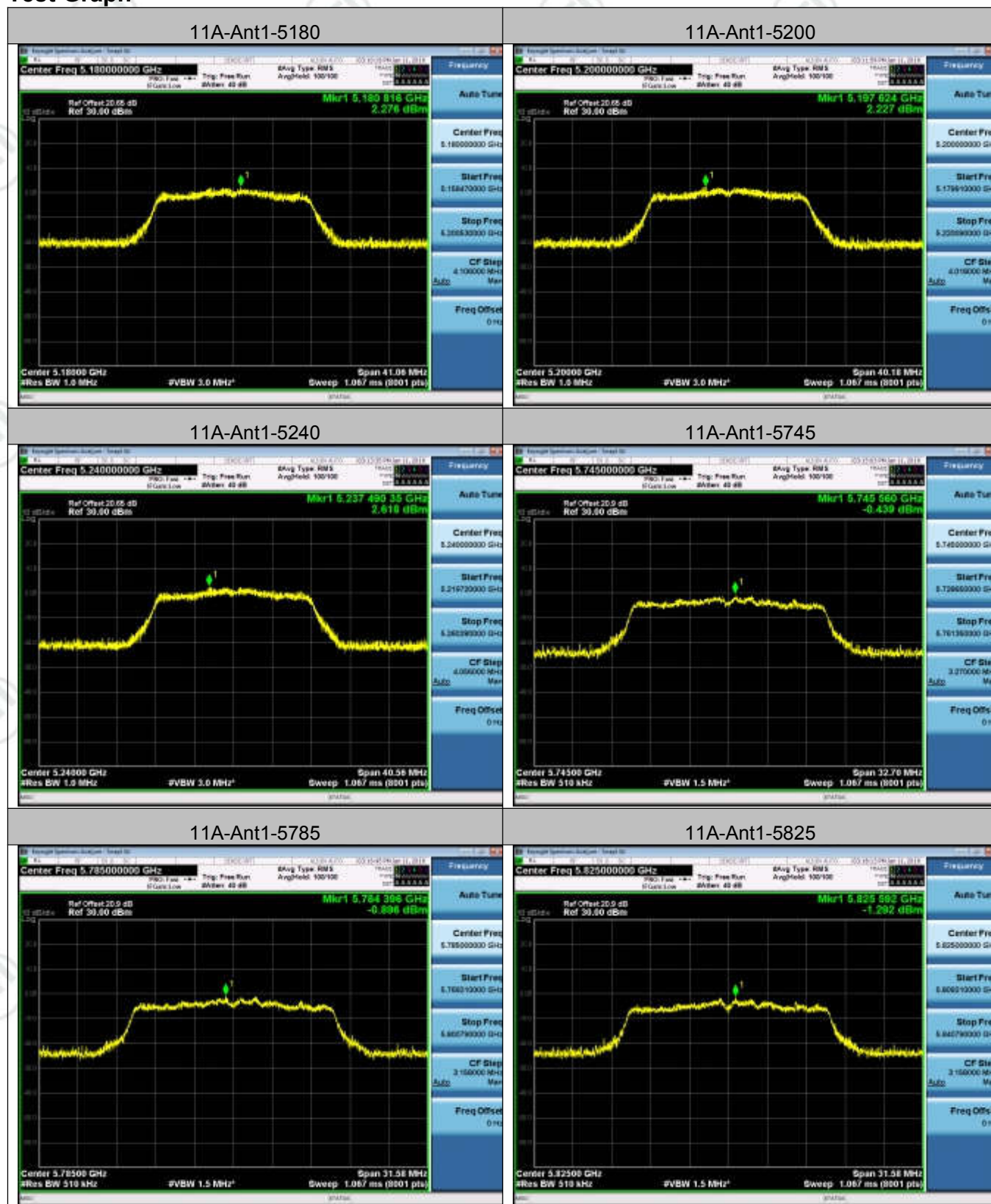
E.i.r.p spectral density=PSD+G, G = antenna gain in dBi.

2. Duty Cycle value in report Appendix A, Meas.Level value in report Appendix D,

For band 1, MCS0 mode, 802.11a channel 36:5180MHz, Duty Cycle value is 87.27%=0.8727, Meas.Level value is 2.28 in report Appendix D, PSD=2.28+10 log (1/0.8727) =2.87

E.i.r.p spectral density=2.87+4.43=7.3.

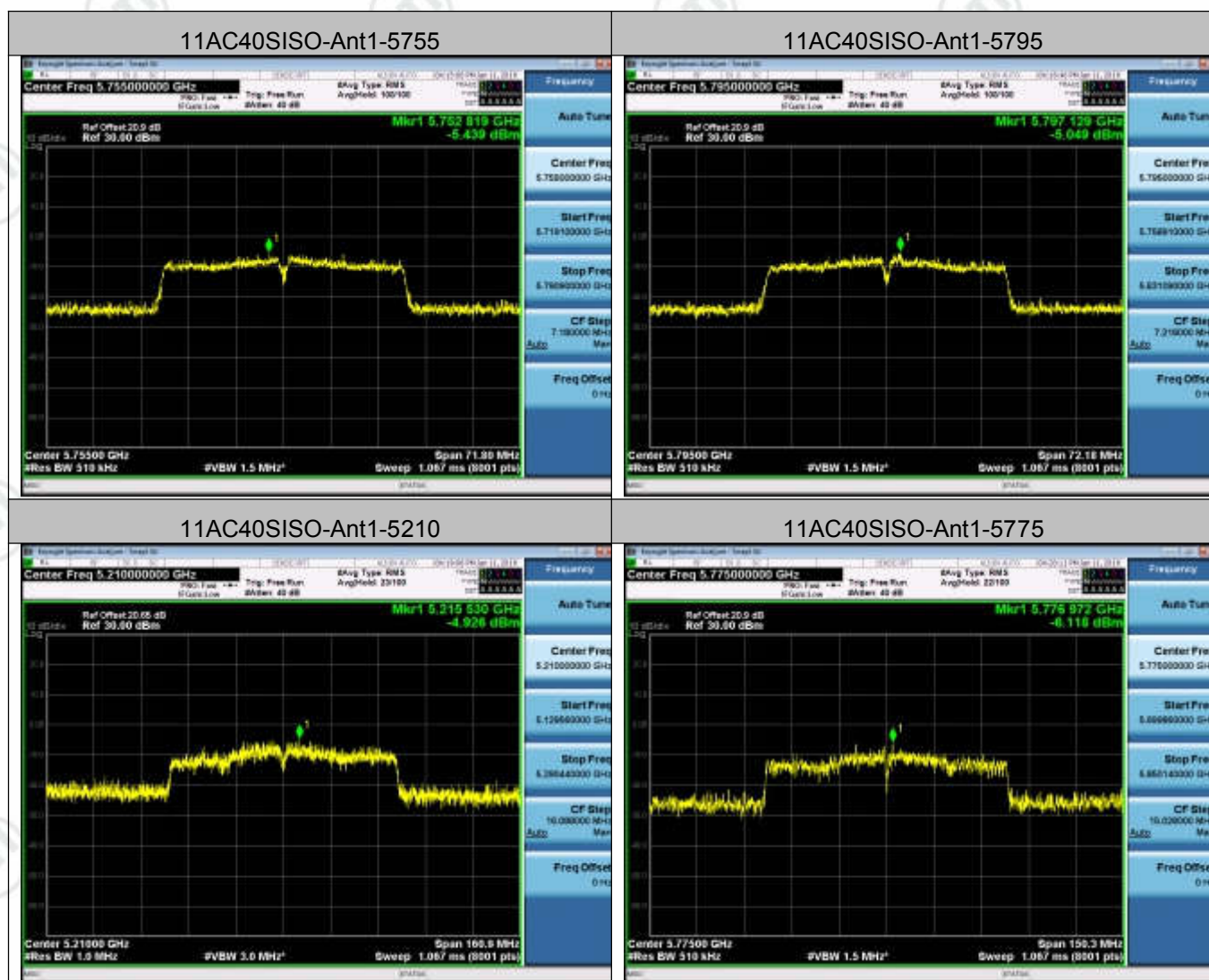
Test Graph











Appendix E): Band Edge Measurements

Result Table

Test Mode	Antenna	Channel	Max.Level [dBm]		Verdict
11A	Ant1	5180	-46.996		PASS
11A	Ant1	5240	-47.758		PASS
Test Mode	Antenna	Channel	Max.Level [dBm]		Verdict
			Below 5715	5715-5725	
11A	Ant1	5745	-48.291	-47.488	PASS
Test Mode	Antenna	Channel	Max.Level [dBm]		Verdict
			5850-5860	Above 5860	
11A	Ant1	5825	-47.967	-48.367	PASS
Test Mode	Antenna	Channel	Max.Level [dBm]		Verdict
11N20SISO	Ant1	5180	-46.233		PASS
11N20SISO	Ant1	5240	-47.379		PASS
Test Mode	Antenna	Channel	Max.Level [dBm]		Verdict
			Below 5715	5715-5725	
11N20SISO	Ant1	5745	-48.085	-48.826	PASS
Test Mode	Antenna	Channel	Max.Level [dBm]		Verdict
			5850-5860	Above 5860	
11N20SISO	Ant1	5825	-47.287	-47.469	PASS

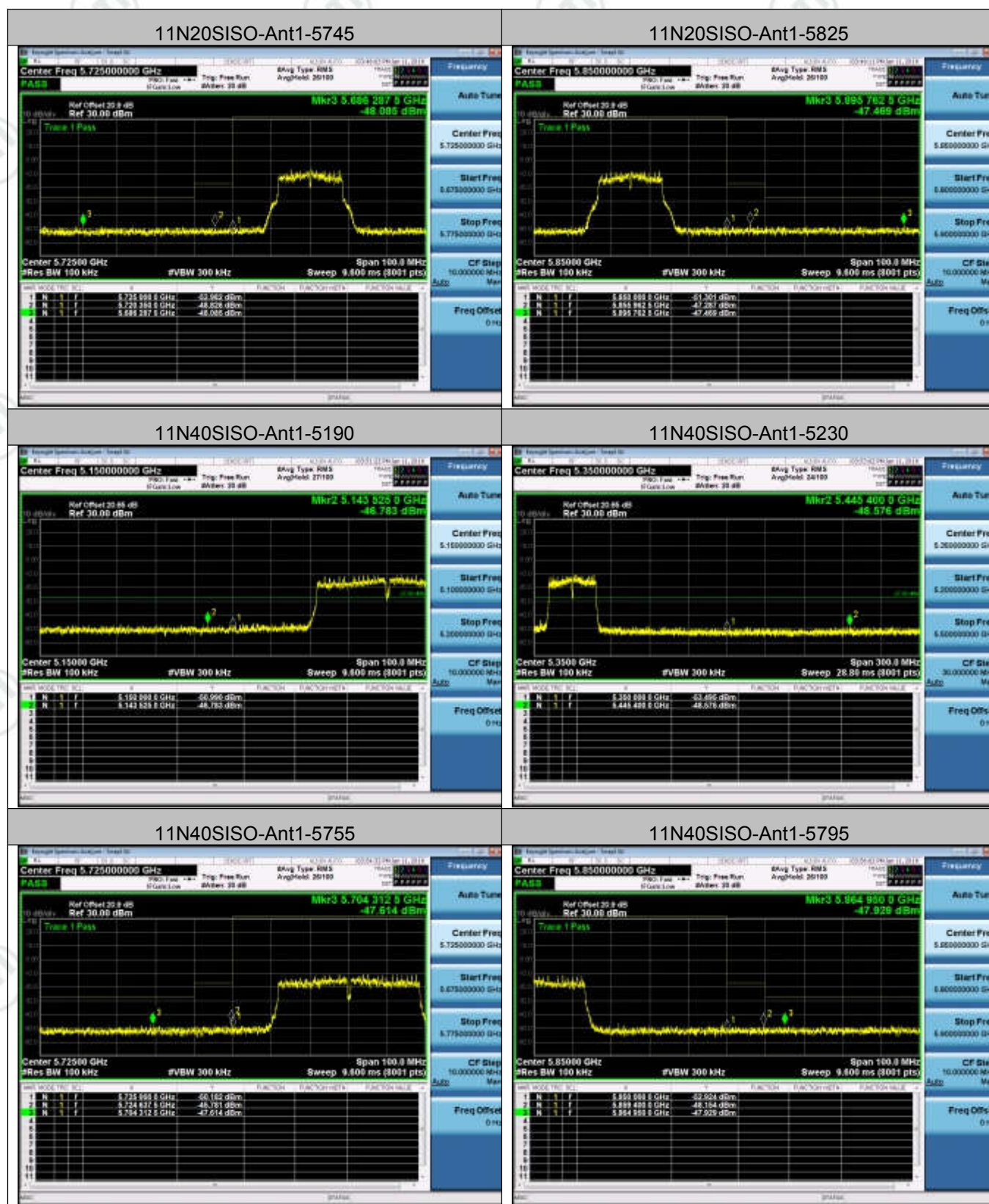
Test Mode	Antenna	Channel	Max.Level [dBm]		Verdict
11N40SISO	Ant1	5190	-50.99		PASS
11N40SISO	Ant1	5230	-53.495		PASS
Test Mode	Antenna	Channel	Max.Level [dBm]		Verdict
			Below 5715	5715-5725	
11N40SISO	Ant1	5755	-47.614	-45.781	PASS
Test Mode	Antenna	Channel	Max.Level [dBm]		Verdict
			5850-5860	Above 5860	
11N40SISO	Ant1	5795	-48.154	-47.929	PASS

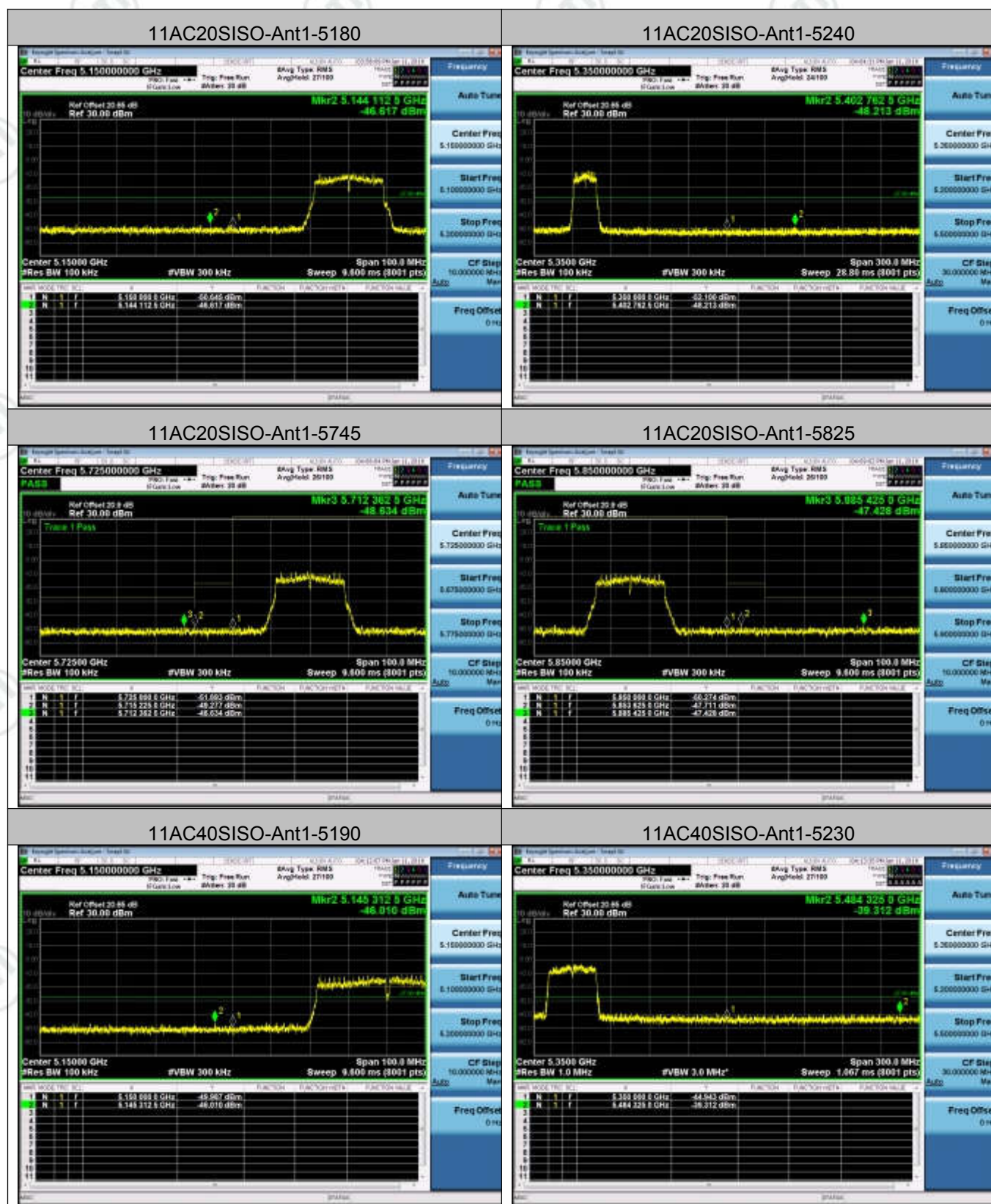
Test Mode	Antenna	Channel	Max.Level [dBm]		Verdict
11AC20SISO	Ant1	5180	-46.617		PASS
11AC20SISO	Ant1	5240	-48.213		PASS
Test Mode	Antenna	Channel	Max.Level [dBm]		Verdict
			Below 5715	5715-5725	
11AC20SISO	Ant1	5745	-48.634	-49.277	PASS
Test Mode	Antenna	Channel	Max.Level [dBm]		Verdict
			5850-5860	Above 5860	
11AC20SISO	Ant1	5825	-47.711	-47.428	PASS

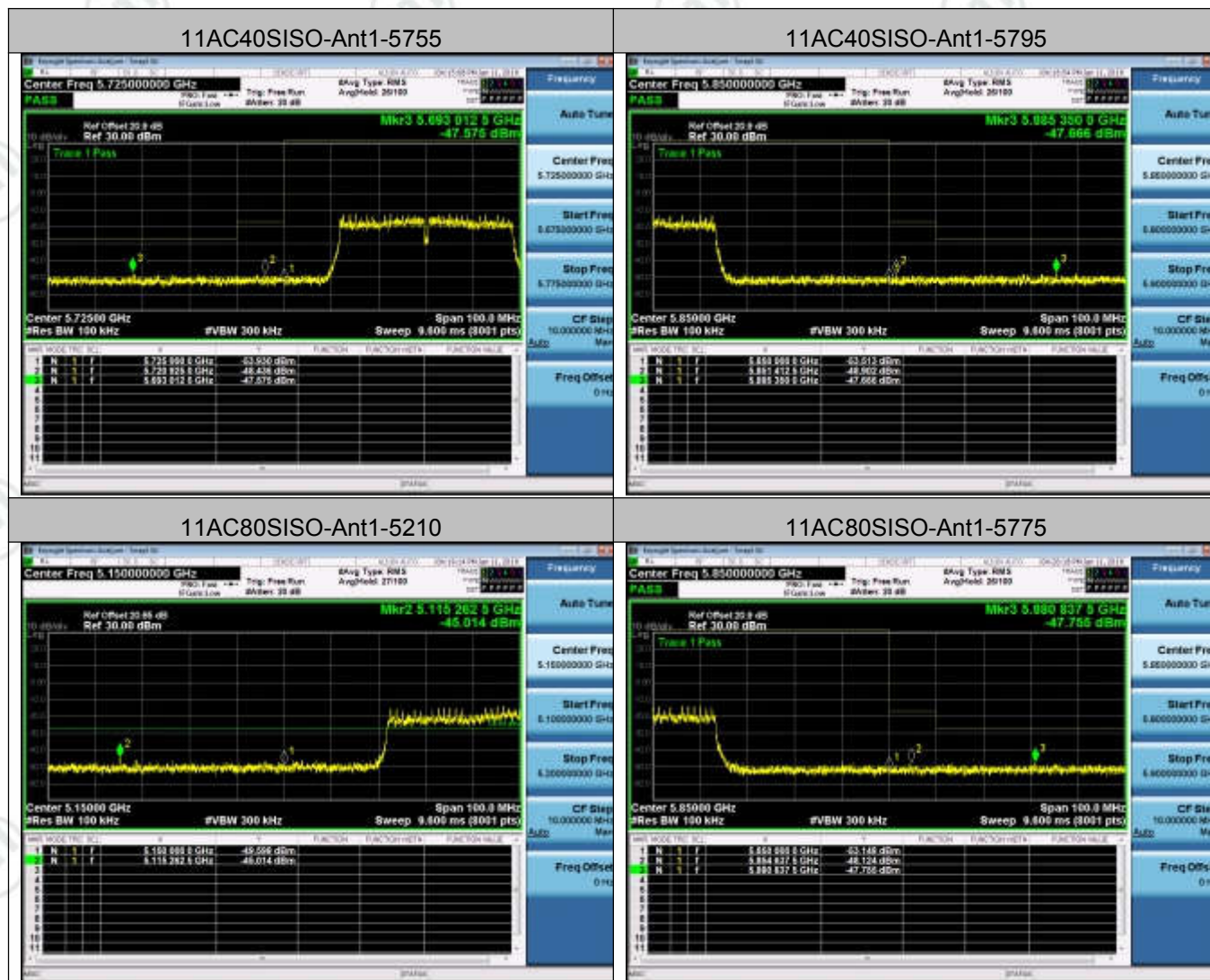
Test Mode	Antenna	Channel	Max.Level [dBm]		Verdict
11AC40SISO	Ant1	5190	-49.987		PASS
11AC40SISO	Ant1	5230	-44.943		PASS
Test Mode	Antenna	Channel	Max.Level [dBm]		Verdict
			Below 5715	5715-5725	
11AC40SISO	Ant1	5755	-47.575	-48.436	PASS
Test Mode	Antenna	Channel	Max.Level [dBm]		Verdict
			5850-5860	Above 5860	
11AC40SISO	Ant1	5795	-48.902	-47.666	PASS
Test Mode	Antenna	Channel	Max.Level [dBm]		Verdict
11AC80SISO	Ant1	5210	-49.598		PASS
Test Mode	Antenna	Channel	Max.Level [dBm]		Verdict
			5850-5860	Above 5860	
11AC80SISO	Ant1	5775	-48.124	-47.755	PASS

Test Graph









Appendix F): Frequency Stability

Frequency Error vs. Voltage:

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11A	Ant1	5180	TN	VL	5180.02	3.861004	PASS
			TN	VN	5180.02	3.861004	PASS
			TN	VH	5180.04	7.722008	PASS
11A	Ant1	5200	TN	VL	5200.02	3.846154	PASS
			TN	VN	5200.06	11.538462	PASS
			TN	VH	5200.04	7.692308	PASS
11A	Ant1	5240	TN	VL	5240.04	7.633588	PASS
			TN	VN	5240.04	7.633588	PASS
			TN	VH	5240.08	15.267176	PASS
11A	Ant1	5745	TN	VL	5745.02	3.481288	PASS
			TN	VN	5745.04	6.962576	PASS
			TN	VH	5744.98	-3.481288	PASS

11A	Ant1	5785	TN	VL	5785.02	3.457217	PASS
			TN	VN	5785.04	6.914434	PASS
			TN	VH	5785.02	3.457217	PASS
11A	Ant1	5825	TN	VL	5825.04	6.866953	PASS
			TN	VN	5825.04	6.866953	PASS
			TN	VH	5825.08	13.733906	PASS

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11N20	Ant1	5180	TN	VL	5180.02	3.861004	PASS
			TN	VN	5180.1	19.305019	PASS
			TN	VH	5180.04	7.722008	PASS
11N20	Ant1	5200	TN	VL	5200.08	15.384615	PASS
			TN	VN	5200.08	15.384615	PASS
			TN	VH	5199.94	-11.538462	PASS
11N20	Ant1	5240	TN	VL	5240.06	11.450382	PASS
			TN	VN	5240.06	11.450382	PASS
			TN	VH	5240.1	19.083969	PASS

11N20	Ant1	5745	TN	VL	5745.02	3.481288	PASS
			TN	VN	5745	10.443864	PASS
			TN	VH	5744.98	13.925152	PASS
11N20	Ant1	5785	TN	VL	5784.96	-6.914434	PASS
			TN	VN	5784.98	-3.457217	PASS
			TN	VH	5784.98	-3.457217	PASS
11N20	Ant1	5825	TN	VL	5825.1	17.167382	PASS
			TN	VN	5825.06	10.300429	PASS
			TN	VH	5825.02	3.433476	PASS

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11N40	Ant1	5190	TN	VL	5230.08	15.296367	PASS
			TN	VN	5190.08	15.414258	PASS
			TN	VH	5190.08	15.414258	PASS
11N40	Ant1	5230	TN	VL	5230.08	15.296367	PASS
			TN	VN	5230.08	15.296367	PASS
			TN	VH	5230.04	7.648184	PASS
11N40	Ant1	5755	TN	VL	5755.08	13.900956	PASS
			TN	VN	5755.04	6.950478	PASS
			TN	VH	5754.96	-6.950478	PASS
11N40	Ant1	5795	TN	VL	5795.04	6.902502	PASS
			TN	VN	5795.04	6.902502	PASS
			TN	VH	5795.04	6.902502	PASS

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11AC20	Ant1	5180	TN	VL	5180.02	3.861004	PASS
			TN	VN	5180.06	11.583012	PASS
			TN	VH	5180.04	7.722008	PASS
11AC20	Ant1	5200	TN	VL	5199.94	-11.538462	PASS
			TN	VN	5200.08	15.384615	PASS
			TN	VH	5200.08	15.384615	PASS
11AC20	Ant1	5240	TN	VL	5240.02	3.816794	PASS
			TN	VN	5239.96	-7.633588	PASS

			TN	VH	5239.96	-7.633588	PASS
11AC20	Ant1	5745	TN	VL	5744.98	-3.481288	PASS
			TN	VN	5745.08	13.925152	PASS
			TN	VH	5745.08	13.925152	PASS
			TN	VL	5785.02	3.457217	PASS
11AC20	Ant1	5785	TN	VN	5784.94	-10.371651	PASS
			TN	VH	5784.9	-17.286085	PASS
			TN	VL	5825.08	13.733906	PASS
11AC20	Ant1	5825	TN	VN	5825.02	3.433476	PASS
			TN	VH	5825.02	3.433476	PASS
			TN	VH	5825.02	3.433476	PASS

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11AC40	Ant1	5190	TN	VL	5190.08	15.414258	PASS
			TN	VN	5190.04	7.707129	PASS
			TN	VH	5190.04	7.707129	PASS
11AC40	Ant1	5230	TN	VL	5230.04	7.648184	PASS
			TN	VN	5230.04	7.648184	PASS
			TN	VH	5230.04	7.648184	PASS
11AC40	Ant1	5755	TN	VL	5754.96	-6.950478	PASS
			TN	VN	5755.04	6.950478	PASS
			TN	VH	5755.04	6.950478	PASS
11AC40	Ant1	5795	TN	VL	5795.04	6.902502	PASS
			TN	VN	5795.08	13.805004	PASS
			TN	VH	5795.04	6.902502	PASS

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11AC80	Ant1	5210	TN	VL	5210.08	15.355086	PASS
			TN	VN	5210.08	15.355086	PASS
			TN	VH	5210.08	15.355086	PASS
11AC80	Ant1	5775	TN	VL	5775.08	13.852814	PASS
			TN	VN	5775.08	13.852814	PASS
			TN	VH	5775.08	13.852814	PASS

Frequency Error vs. Temperature:

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11A	Ant1	5180	50	VN	5180.04	7.722008	PASS
			40	VN	5180.06	11.583012	PASS
			30	VN	5180.02	3.861004	PASS
			20	VN	5180.04	7.722008	PASS
			10	VN	5180.04	7.722008	PASS
			0	VN	5180.04	7.722008	PASS
11A	Ant1	5200	50	VN	5200.02	3.846154	PASS
			40	VN	5200.04	7.692308	PASS
			30	VN	5199.98	-3.846154	PASS
			20	VN	5200.02	3.846154	PASS
			10	VN	5200.06	11.538462	PASS
			0	VN	5200.08	15.384615	PASS
11A	Ant1	5240	50	VN	5240.02	3.816794	PASS
			40	VN	5240.04	7.633588	PASS
			30	VN	5240.04	7.633588	PASS
			20	VN	5240.04	7.633588	PASS
			10	VN	5240.1	19.083969	PASS
			0	VN	5240.06	11.450382	PASS
11A	Ant1	5745	50	VN	5745.04	6.962576	PASS
			40	VN	5744.98	-3.481288	PASS
			30	VN	5745.04	6.962576	PASS
			20	VN	5745.04	6.962576	PASS
			10	VN	5745.06	10.443864	PASS
			0	VN	5745.02	3.481288	PASS
11A	Ant1	5785	50	VN	5784.98	-3.457217	PASS
			40	VN	5785.02	3.457217	PASS
			30	VN	5785.04	6.914434	PASS
			20	VN	5785.02	3.457217	PASS
			10	VN	5785.02	3.457217	PASS
			0	VN	5785.04	6.914434	PASS

11A	Ant1	5825	50	VN	5825.04	6.866953	PASS
			40	VN	5825.04	6.866953	PASS
			30	VN	5825.1	17.167382	PASS
			20	VN	5825.04	6.866953	PASS
			10	VN	5825.08	13.733906	PASS
			0	VN	5825.06	10.300429	PASS

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11N20	Ant1	5180	50	VN	5180.06	11.583012	PASS
			40	VN	5180.08	15.444015	PASS
			30	VN	5179.98	-3.861004	PASS
			20	VN	5180.02	3.861004	PASS
			10	VN	5180.08	15.444015	PASS
			0	VN	5180.04	7.722008	PASS
11N20	Ant1	5200	50	VN	5200.04	7.692308	PASS
			40	VN	5200.06	11.538462	PASS
			30	VN	5200.02	3.846154	PASS
			20	VN	5200.06	11.538462	PASS
			10	VN	5200.08	15.384615	PASS
			0	VN	5200.02	3.846154	PASS
11N20	Ant1	5240	50	VN	5240.02	3.816794	PASS
			40	VN	5240.02	3.816794	PASS
			30	VN	5240.04	7.633588	PASS
			20	VN	5240.04	7.633588	PASS
			10	VN	5240.04	7.633588	PASS
			0	VN	5240.06	11.450382	PASS
11N20	Ant1	5745	50	VN	5745.06	10.443864	PASS
			40	VN	5745.02	3.481288	PASS
			30	VN	5745.04	6.962576	PASS
			20	VN	5745.02	3.481288	PASS
			10	VN	5745.04	6.962576	PASS
			0	VN	5745.02	3.481288	PASS

11N20	Ant1	5785	50	VN	5785.02	3.457217	PASS
			40	VN	5785.02	3.457217	PASS
			30	VN	5785.04	6.914434	PASS
			20	VN	5785.02	3.457217	PASS
			10	VN	5785.02	3.457217	PASS
			0	VN	5785.04	6.914434	PASS
11N20	Ant1	5825	50	VN	5825.02	3.433476	PASS
			40	VN	5825.02	3.433476	PASS
			30	VN	5824.98	-3.433476	PASS
			20	VN	5825.02	3.433476	PASS
			10	VN	5825.08	13.733906	PASS
			0	VN	5825.06	10.300429	PASS

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11N40	Ant1	5190	50	VN	5190.08	15.414258	PASS
			40	VN	5190.08	15.414258	PASS
			30	VN	5189.96	-7.707129	PASS
			20	VN	5190.04	7.707129	PASS
			10	VN	5190.08	15.414258	PASS
			0	VN	5190.08	15.414258	PASS
11N40	Ant1	5230	50	VN	5230.08	15.296367	PASS
			40	VN	5230.04	7.648184	PASS
			30	VN	5230.04	7.648184	PASS
			20	VN	5230.08	15.296367	PASS
			10	VN	5230.08	15.296367	PASS
			0	VN	5230.08	15.296367	PASS
11N40	Ant1	5755	50	VN	5755.04	6.950478	PASS
			40	VN	5755.08	13.900956	PASS
			30	VN	5755.04	6.950478	PASS
			20	VN	5755.08	13.900956	PASS
			10	VN	5755.08	13.900956	PASS
			0	VN	5755.04	6.950478	PASS

11N40	Ant1	5795	50	VN	5795.04	6.902502	PASS
			40	VN	5795.04	6.902502	PASS
			30	VN	5795.08	13.805004	PASS
			20	VN	5795.04	6.902502	PASS
			10	VN	5795.04	6.902502	PASS
			0	VN	5795.08	13.805004	PASS

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11AC20	Ant1	5180	50	VN	5180.08	15.444015	PASS
			40	VN	5180.06	11.583012	PASS
			30	VN	5180.06	11.583012	PASS
			20	VN	5180.1	19.305019	PASS
			10	VN	5180.06	11.583012	PASS
			0	VN	5180.02	3.861004	PASS
11AC20	Ant1	5200	50	VN	5200.06	11.538462	PASS
			40	VN	5200.1	19.230769	PASS
			30	VN	5200.04	7.692308	PASS
			20	VN	5200.08	15.384615	PASS
			10	VN	5200.1	19.230769	PASS
			0	VN	5200.08	15.384615	PASS
11AC20	Ant1	5240	50	VN	5240.04	7.633588	PASS
			40	VN	5240.02	3.816794	PASS
			30	VN	5240.06	11.450382	PASS
			20	VN	5240.04	7.633588	PASS
			10	VN	5240.02	3.816794	PASS
			0	VN	5240.02	3.816794	PASS
11AC20	Ant1	5745	50	VN	5745.02	3.481288	PASS
			40	VN	5744.98	-3.481288	PASS
			30	VN	5745.08	13.925152	PASS
			20	VN	5745.1	17.40644	PASS
			10	VN	5744.92	-13.925152	PASS
			0	VN	5744.96	-6.962576	PASS

11AC20	Ant1	5785	50	VN	5785.06	10.371651	PASS
			40	VN	5785.04	6.914434	PASS
			30	VN	5785.06	10.371651	PASS
			20	VN	5784.96	-6.914434	PASS
			10	VN	5784.98	-3.457217	PASS
			0	VN	5785.02	3.457217	PASS
11AC20	Ant1	5825	50	VN	5824.94	-10.300429	PASS
			40	VN	5825.06	10.300429	PASS
			30	VN	5825.04	6.866953	PASS
			20	VN	5825.1	17.167382	PASS
			10	VN	5825.08	13.733906	PASS
			0	VN	5825.04	6.866953	PASS

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11AC40	Ant1	5190	50	VN	5190.04	7.707129	PASS
			40	VN	5190.08	15.414258	PASS
			30	VN	5190.04	7.707129	PASS
			20	VN	5190.08	15.414258	PASS
			10	VN	5190.08	15.414258	PASS
			0	VN	5190.04	7.707129	PASS
11AC40	Ant1	5230	50	VN	5230.04	7.648184	PASS
			40	VN	5230.08	15.296367	PASS
			30	VN	5230.04	7.648184	PASS
			20	VN	5230.08	15.296367	PASS
			10	VN	5230.04	7.648184	PASS
			0	VN	5230.04	7.648184	PASS
11AC40	Ant1	5755	50	VN	5755.04	6.950478	PASS
			40	VN	5754.96	-6.950478	PASS
			30	VN	5754.96	-6.950478	PASS
			20	VN	5755.04	6.950478	PASS
			10	VN	5755.04	6.950478	PASS
			0	VN	5754.96	-6.950478	PASS

11AC40	Ant1	5795	50	VN	5795.08	13.805004	PASS
			40	VN	5794.92	-13.805004	PASS
			30	VN	5795.04	6.902502	PASS
			20	VN	5795.04	6.902502	PASS
			10	VN	5794.96	-6.902502	PASS
			0	VN	5795.08	13.805004	PASS

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11AC80	Ant1	5210	50	VN	5210.08	15.355086	PASS
			40	VN	5210.08	15.355086	PASS
			30	VN	5210.08	15.355086	PASS
			20	VN	5210.08	15.355086	PASS
			10	VN	5210.08	15.355086	PASS
			0	VN	5210.08	15.355086	PASS
11AC80	Ant1	5775	50	VN	5774.98	-15.355086	PASS
			40	VN	5775.07	13.852814	PASS
			30	VN	5774.92	-13.852814	PASS
			20	VN	5775.08	13.852814	PASS
			10	VN	5775.08	13.852814	PASS
			0	VN	5775.08	13.852814	PASS

Appendix G): Antenna Requirement

15.203 requirement:

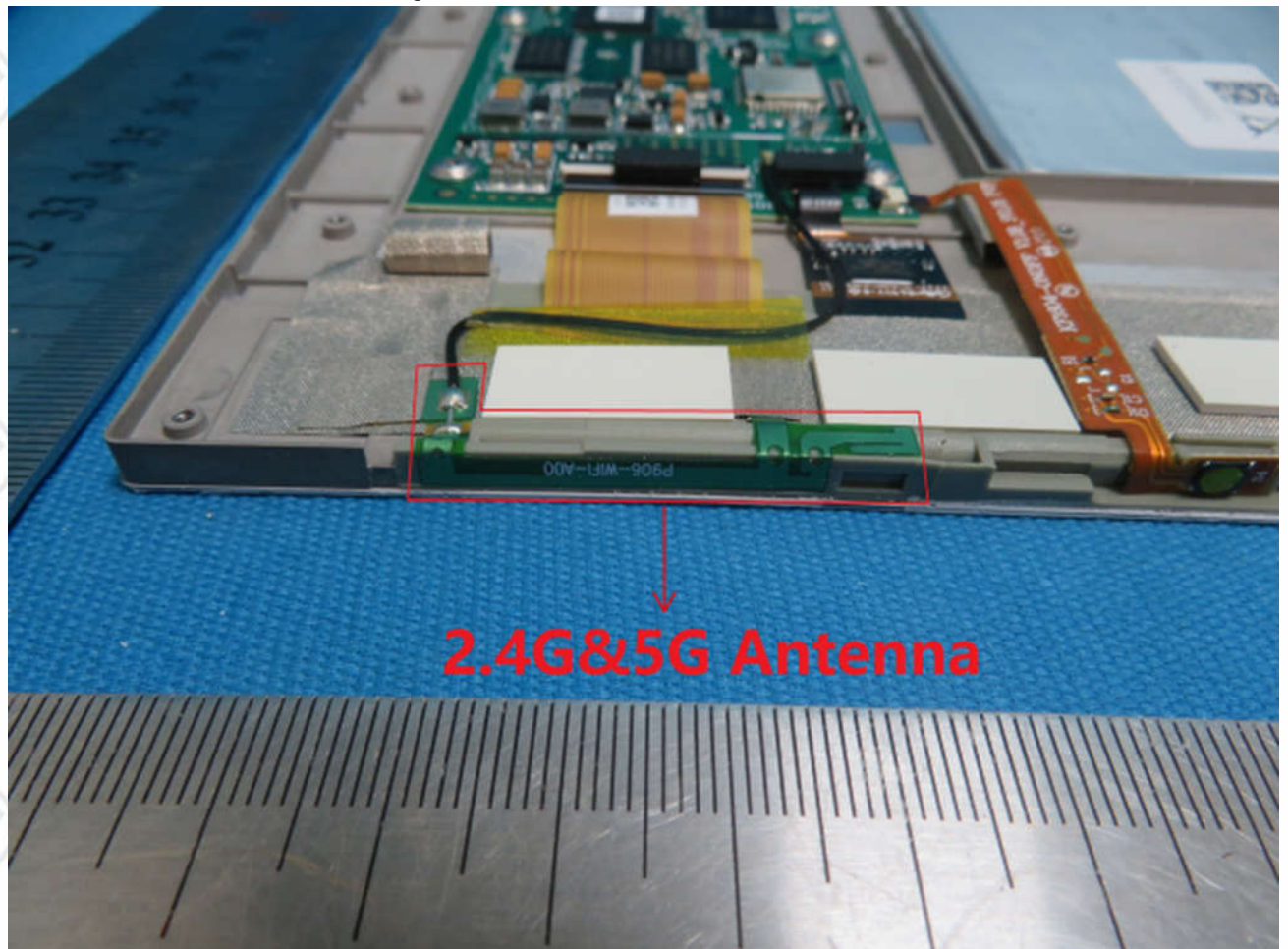
An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

15.407(a)(1) (2) requirement:

The conducted output power limit specified in paragraph (a) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (a) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power and the peak power spectral density shall be reduced by the by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

EUT Antenna:

The antenna is PIFA Antenna and no consideration of replacement. The best case gain of the 5.2G WiFi antenna is 4.43dBi. The best case gain of the 5.8G WiFi antenna is 4.4dBi.



Appendix H): Operation in the absence of information to the transmit

15.407(c) requirement:

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

Operation in the absence of information to the transmit

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

Appendix I): AC Power Line Conducted Emission

Test Procedure:	Test frequency range :150KHz-30MHz 1)The mains terminal disturbance voltage test was conducted in a shielded room. 2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a 50Ω/50μH + 5Ω linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded. 3)The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane, 4) The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2. 5) In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10 on conducted measurement.																
Limit:	<table><tr><th rowspan="2">Frequency range (MHz)</th><th colspan="2">Limit (dBμV)</th></tr><tr><th>Quasi-peak</th><th>Average</th></tr><tr><td>0.15-0.5</td><td>66 to 56*</td><td>56 to 46*</td></tr><tr><td>0.5-5</td><td>56</td><td>46</td></tr><tr><td>5-30</td><td>60</td><td>50</td></tr></table> * The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz. NOTE : The lower limit is applicable at the transition frequency			Frequency range (MHz)	Limit (dBμV)		Quasi-peak	Average	0.15-0.5	66 to 56*	56 to 46*	0.5-5	56	46	5-30	60	50
Frequency range (MHz)	Limit (dBμV)																
	Quasi-peak	Average															
0.15-0.5	66 to 56*	56 to 46*															
0.5-5	56	46															
5-30	60	50															

Measurement Data

An initial pre-scan was performed on the live and neutral lines with peak detector.

Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission were detected.

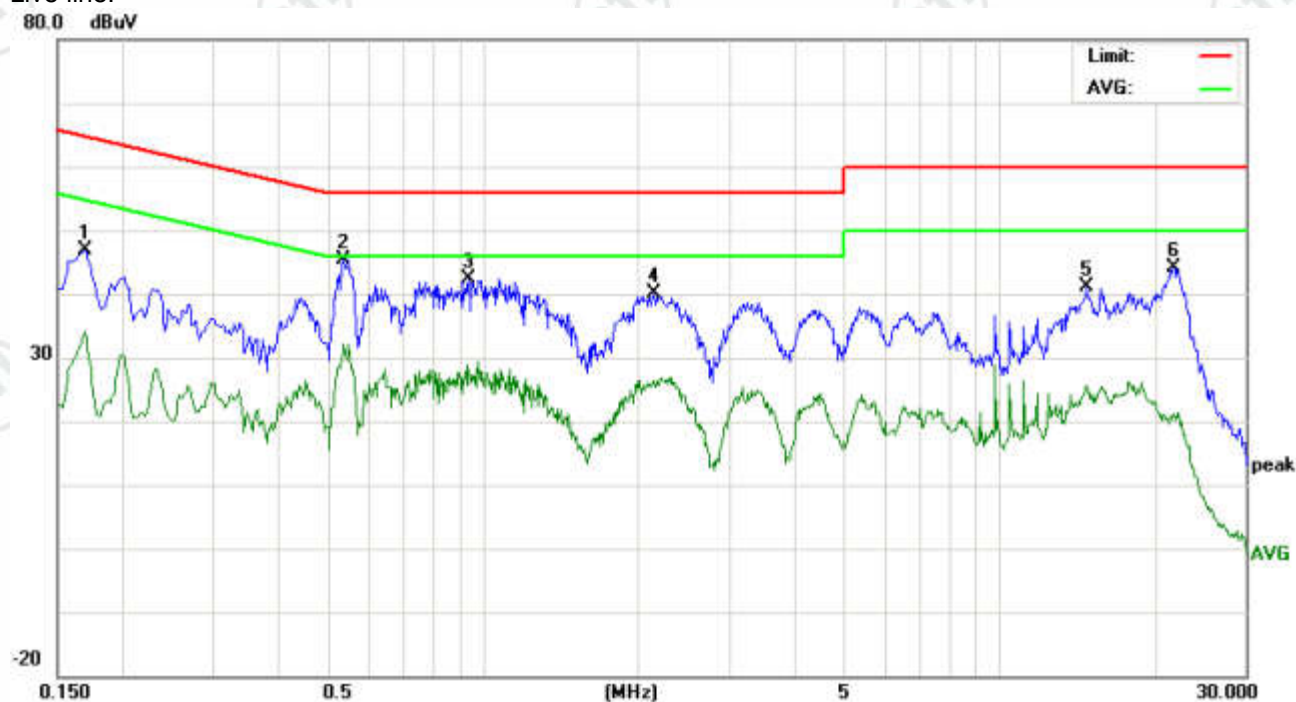
Product : reMarkable paper tablet

Model/Type reference : RM102

Temperature : 22°C

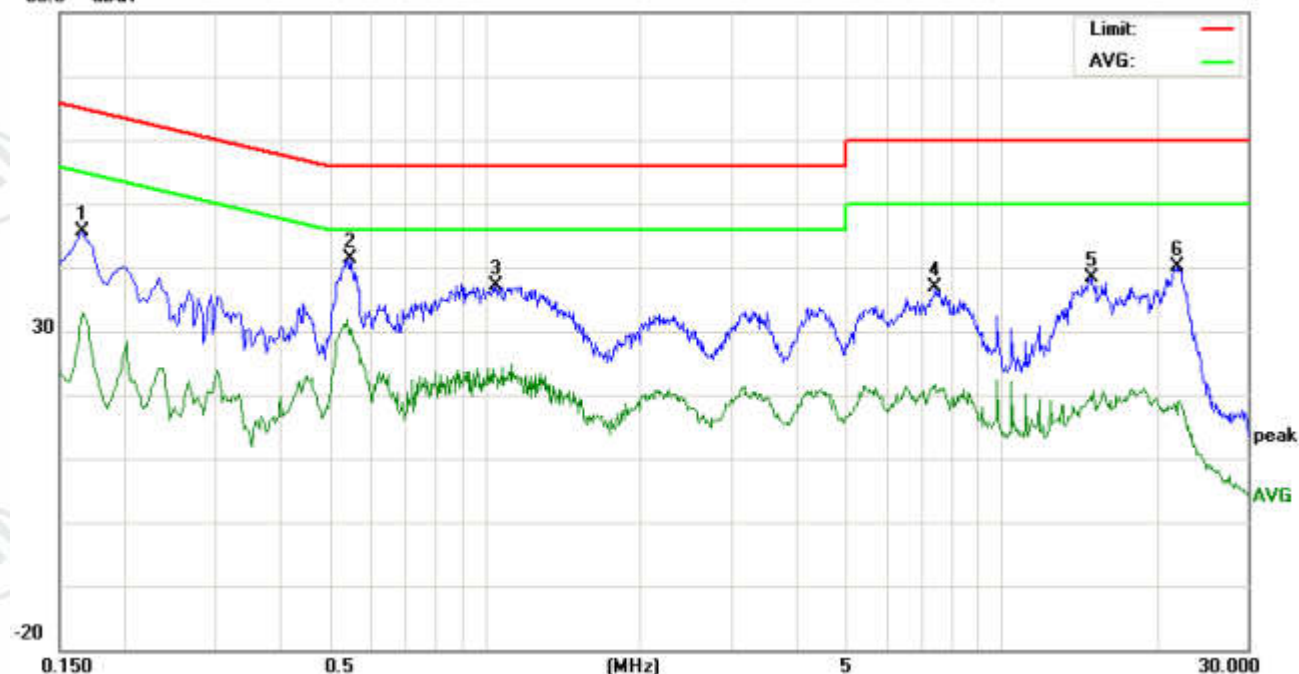
Humidity : 53%

Live line:



No.	Freq. MHz	Reading_Level (dBuV)			Correct Factor dB	Measurement (dBuV)			Limit (dBuV)		Margin (dB)		P/F	Comment
		Peak	QP	AVG		peak	QP	AVG	QP	AVG	QP	AVG		
1	0.1700	36.88	33.14	24.13	9.91	46.79	43.05	34.04	64.96	54.96	-21.91	-20.92	P	
2	0.5380	35.43	31.82	22.11	9.95	45.38	41.77	32.06	56.00	46.00	-14.23	-13.94	P	
3	0.9420	32.48	28.25	18.42	9.82	42.30	38.07	28.24	56.00	46.00	-17.93	-17.76	P	
4	2.1500	30.52	26.15	16.68	9.72	40.24	35.87	26.40	56.00	46.00	-20.13	-19.60	P	
5	14.7620	31.25	28.31	15.60	9.97	41.22	38.28	25.57	60.00	50.00	-21.72	-24.43	P	
6	21.8100	34.12	31.18	11.25	9.92	44.04	41.10	21.17	60.00	50.00	-18.90	-28.83	P	

Neutral line:
80.0 dBuV



No.	Freq. MHz	Reading_Level (dBuV)			Correct Factor dB	Measurement (dBuV)			Limit (dBuV)		Margin (dB)		P/F	Comment
		Peak	QP	AVG		peak	QP	AVG	QP	AVG	QP	AVG		
1	0.1660	35.78	31.25	22.99	9.91	45.69	41.16	32.90	65.15	55.15	-23.99	-22.25	P	
2	0.5500	31.30	28.31	19.83	9.97	41.27	38.28	29.80	56.00	46.00	-17.72	-16.20	P	
3	1.0540	27.37	23.58	13.07	9.81	37.18	33.39	22.88	56.00	46.00	-22.61	-23.12	P	
4	7.4860	27.01	23.87	11.30	9.76	36.77	33.63	21.06	60.00	50.00	-26.37	-28.94	P	
5	14.9820	28.31	25.64	10.01	9.98	38.29	35.62	19.99	60.00	50.00	-24.38	-30.01	P	
6	21.9940	30.26	26.45	8.67	9.92	40.18	36.37	18.59	60.00	50.00	-23.63	-31.41	P	

Notes:

1. The following Quasi-Peak and Average measurements were performed on the EUT:
2. Final Test Level = Receiver Reading + LISN Factor + Cable Loss.

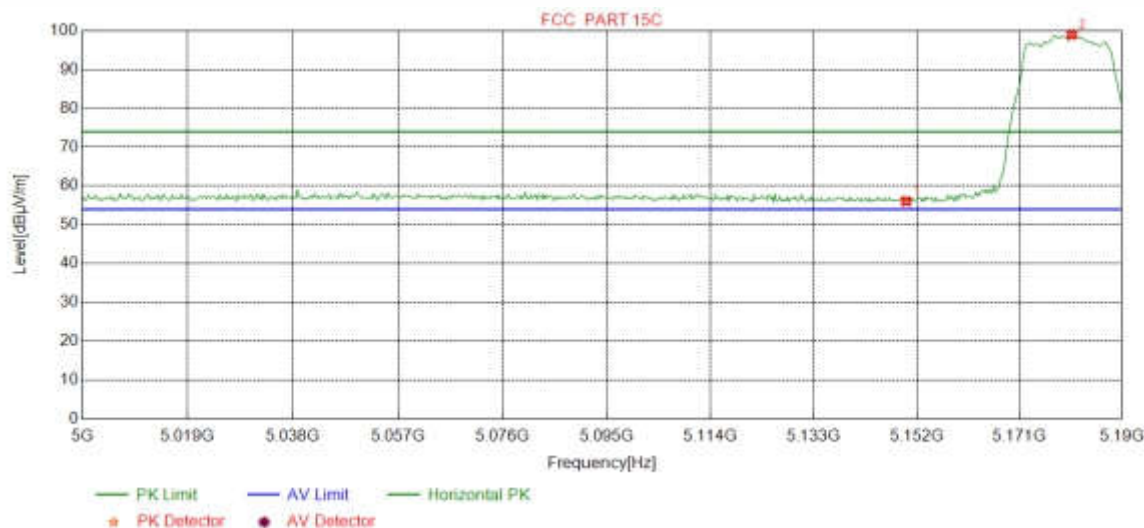
Appendix J): Restricted bands around fundamental frequency (Radiated Emission)

Receiver Setup:	Frequency	Detector	RBW	VBW	Remark
	30MHz-1GHz	Quasi-peak	120kHz	300kHz	Quasi-peak
	Above 1GHz	Peak	1MHz	3MHz	Peak
		Peak	1MHz	10Hz	Average
Test Procedure:	Below 1GHz test procedure as below: - The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation. - The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. - The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement. - For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable was turned from 0 degrees to 360 degrees to find the maximum reading. - The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. - Place a marker at the end of the restricted band closest to the transmit frequency to show compliance. Also measure any emissions in the restricted bands. Save the spectrum analyzer plot. Repeat for each power and modulation for lowest and highest channel Above 1GHz test procedure as below: - Different between above is the test site, change from Semi- Anechoic Chamber to fully Anechoic Chamber and change form table 0.8 metre to 1.5 metre(Above 18GHz the distance is 1 meter and table is 1.5 metre). - Test the EUT in the lowest channel , the Highest channel - The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is worse case. - Repeat above procedures until all frequencies measured was complete.				
Limit:	Frequency	Limit (dBμV/m @3cm)	Remark		
	30MHz-88MHz	40.0	Quasi-peak Value		
	88MHz-216MHz	43.5	Quasi-peak Value		
	216MHz-960MHz	46.0	Quasi-peak Value		
	960MHz-1GHz	54.0	Quasi-peak Value		
	Above 1GHz	54.0	Average Value		
		74.0	Peak Value		

Test plot as follows:

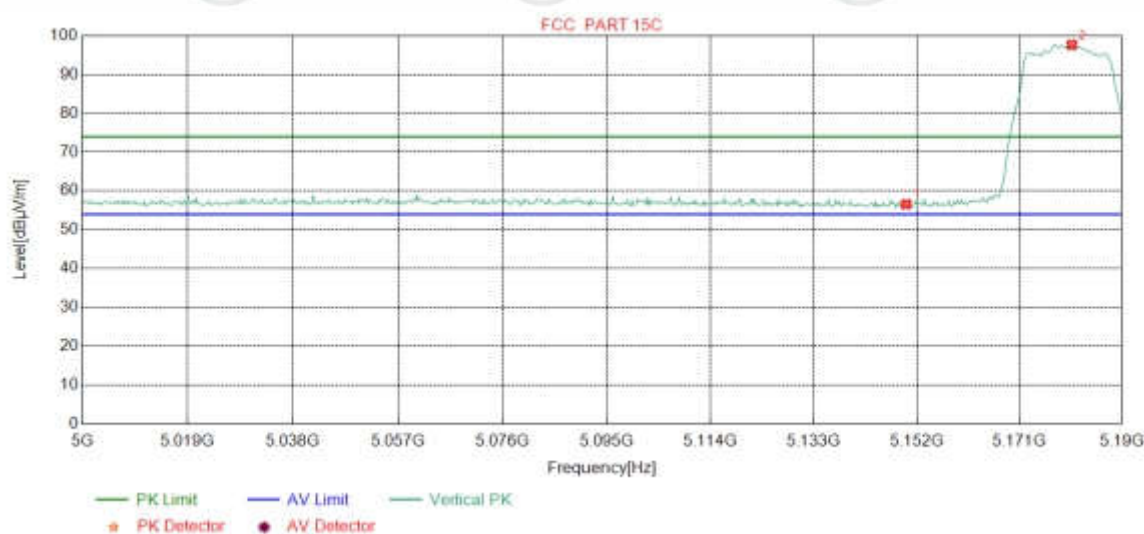
Band-1

Mode:	802.11 a(HT20) Transmitting	Channel:	5180
Remark:	Peak		



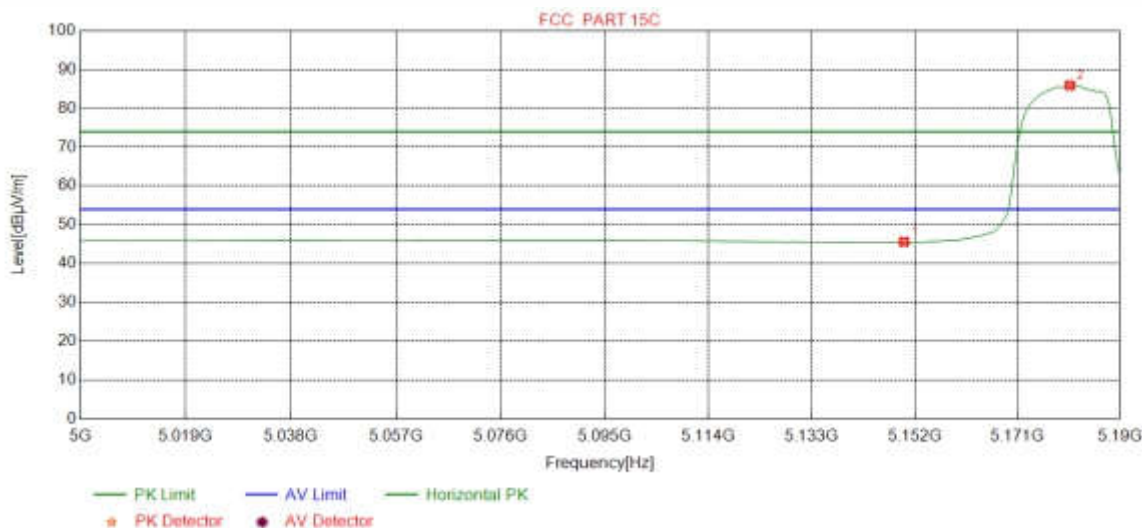
NO	Freq. [MHz]	Ant Fa tor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dB μV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	46.86	56.05	74.00	17.95	Pass	Horizontal
2	5180.7259	34.68	15.38	-40.55	89.52	99.03	74.00	-25.03	Pass	Horizontal

Mode:	802.11 a(HT20) Transmitting	Channel:	5180
Remark:	Peak		



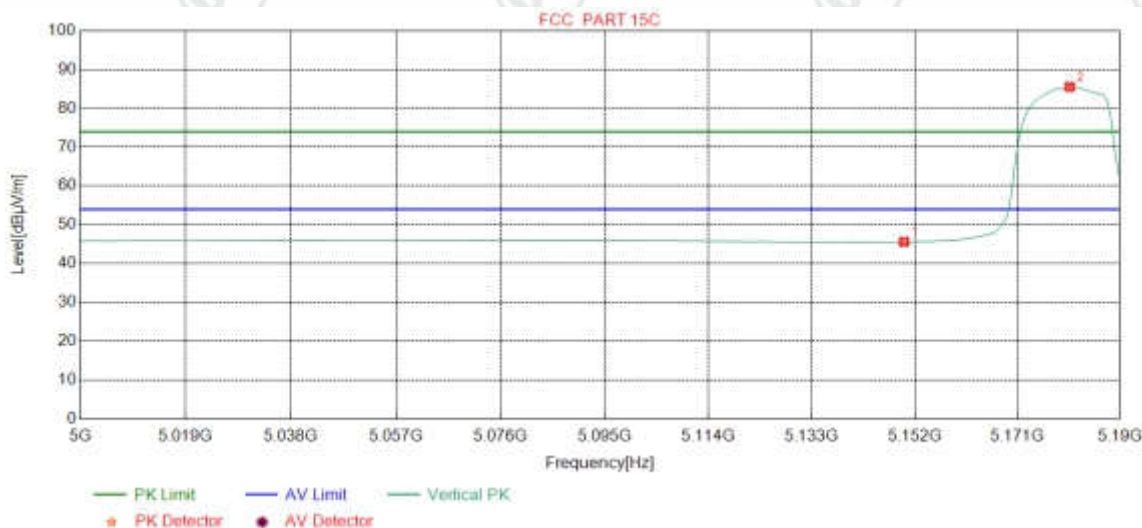
NO	Freq. [MHz]	Ant Fa tor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dB μV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	47.38	56.57	74.00	17.43	Pass	Vertical
2	5180.7259	34.68	15.38	-40.55	88.15	97.66	74.00	-23.66	Pass	Vertical

Mode:	802.11 a(HT20) Transmitting	Channel:	5180
Remark:	Average		



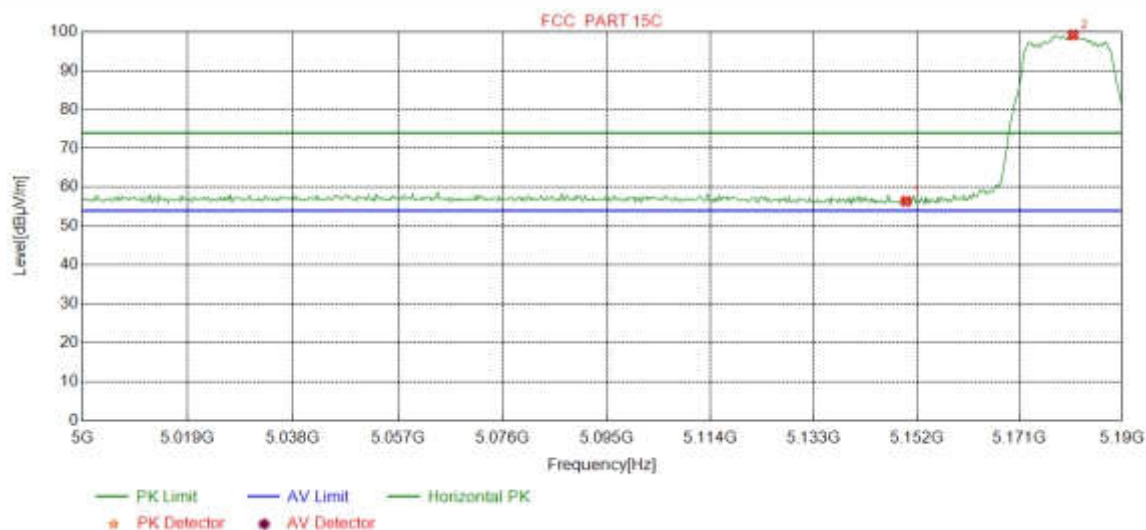
NO	Freq. [MHz]	Ant Fa ctor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dB μV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	36.39	45.58	54.00	8.42	Pass	Horizontal
2	5180.7259	34.68	15.38	-40.55	76.42	85.93	54.00	-31.93	Pass	Horizontal

Mode:	802.11 a(HT20) Transmitting	Channel:	5180
Remark:	Average		



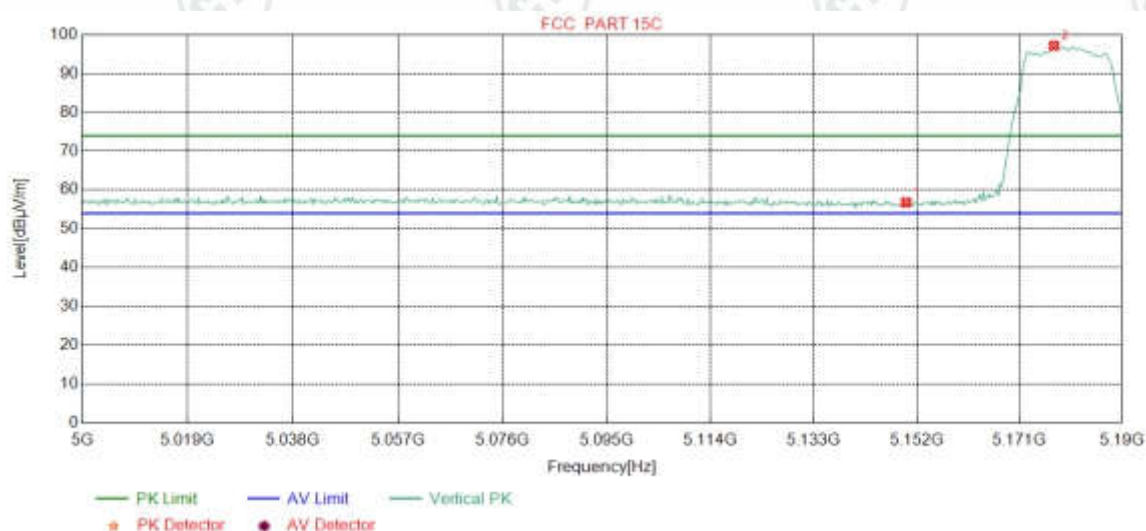
NO	Freq. [MHz]	Ant Fa ctor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dB μV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	36.39	45.58	54.00	8.42	Pass	Vertical
2	5180.7259	34.68	15.38	-40.55	76.04	85.55	54.00	-31.55	Pass	Vertical

Mode:	802.11 n(HT20) Transmitting	Channel:	5180
Remark:	Peak		



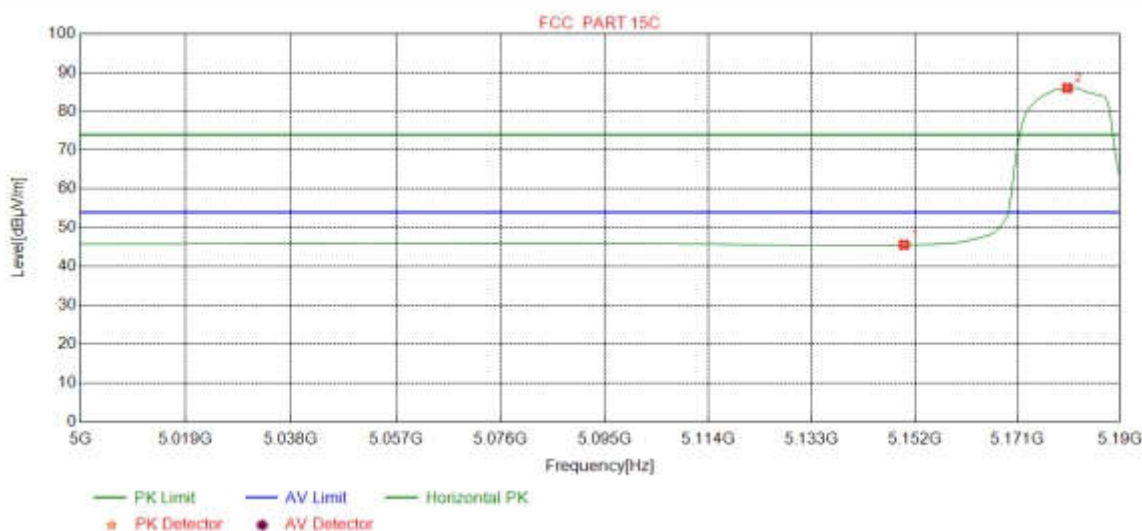
NO	Freq. [MHz]	Ant Fa ctor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dB μV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	47.20	56.39	74.00	17.61	Pass	Horizontal
2	5180.9637	34.68	15.38	-40.55	89.69	99.20	74.00	-25.20	Pass	Horizontal

Mode:	802.11 n(HT20) Transmitting	Channel:	5180
Remark:	Peak		



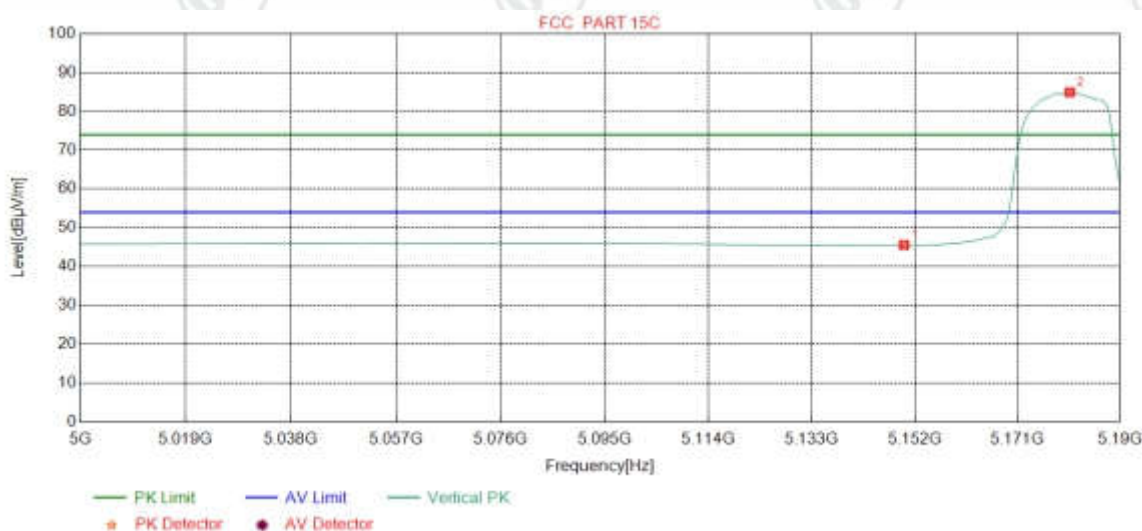
NO	Freq. [MHz]	Ant Fa ctor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dB μV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	47.57	56.76	74.00	17.24	Pass	Vertical
2	5177.3967	34.68	15.35	-40.55	87.70	97.18	74.00	-23.18	Pass	Vertical

Mode:	802.11 n(HT20) Transmitting	Channel:	5180
Remark:	Average		



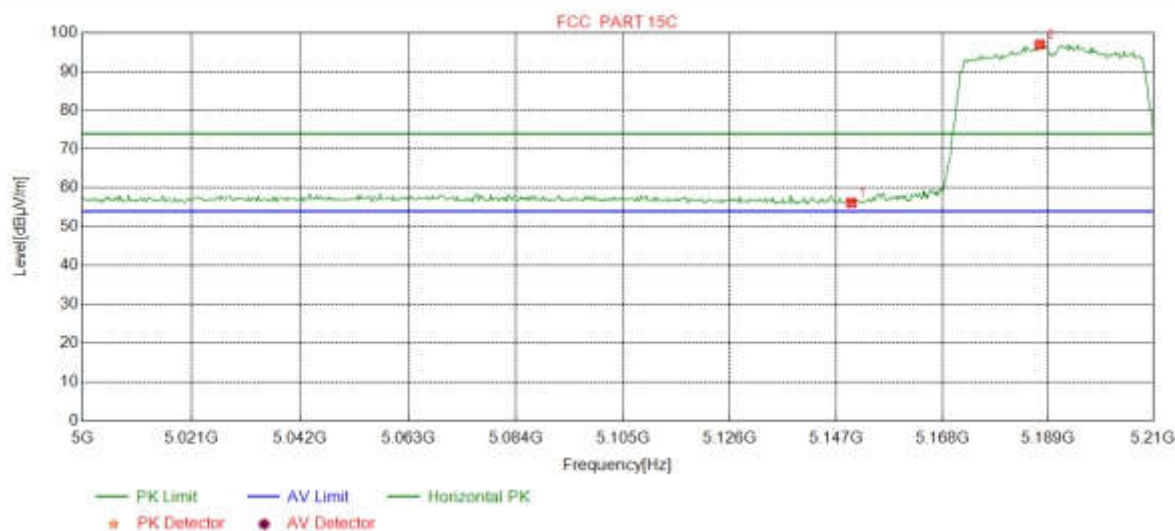
NO	Freq. [MHz]	Ant Fa ctor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dB μV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	36.38	45.57	54.00	8.43	Pass	Horizontal
2	5180.2503	34.68	15.38	-40.55	76.53	86.04	54.00	-32.04	Pass	Horizontal

Mode:	802.11 n(HT20) Transmitting	Channel:	5180
Remark:	Average		



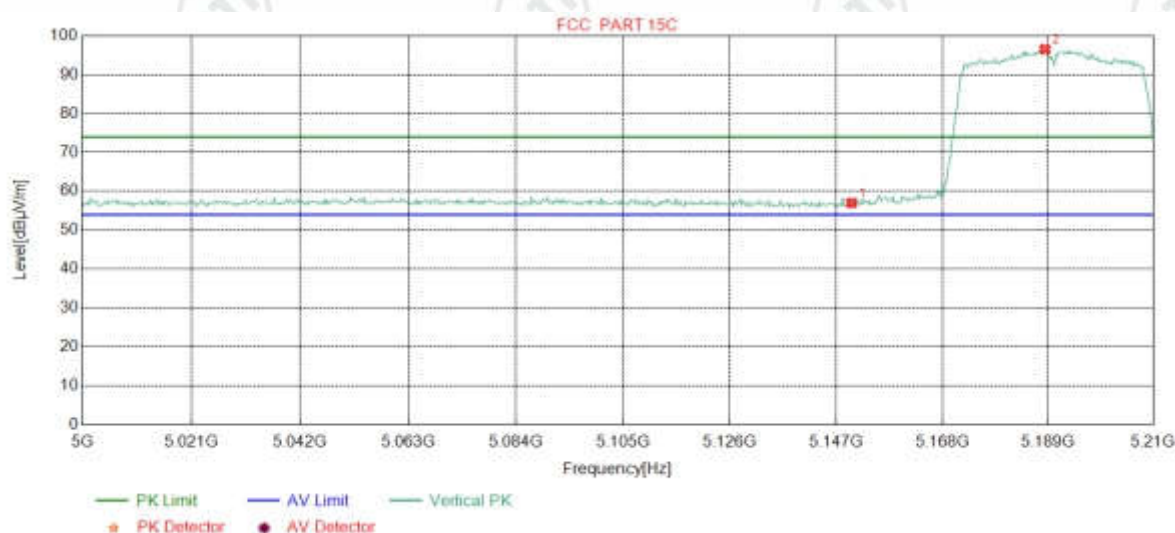
NO	Freq. [MHz]	Ant Fa ctor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dB μV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	36.36	45.55	54.00	8.45	Pass	Vertical
2	5180.7259	34.68	15.38	-40.55	75.41	84.92	54.00	-30.92	Pass	Vertical

Mode:	802.11 n(HT40) Transmitting	Channel:	5190
Remark:	Peak		



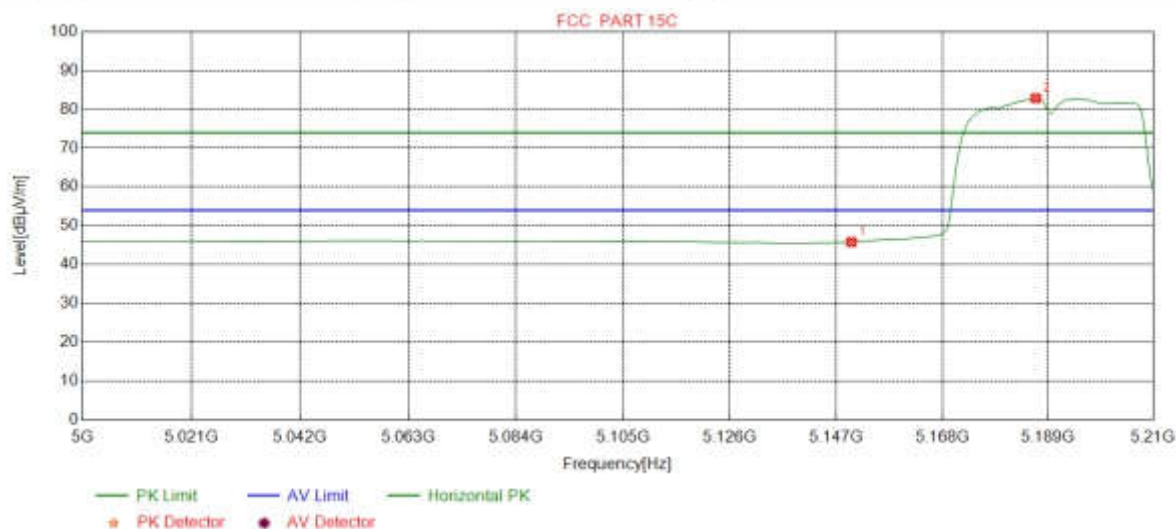
NO	Freq. [MHz]	Ant Fa ctor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dB μV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	46.98	56.17	74.00	17.83	Pass	Horizontal
2	5187.3967	34.69	15.45	-40.56	87.38	96.96	74.00	-22.96	Pass	Horizontal

Mode:	802.11 n(HT40) Transmitting	Channel:	5190
Remark:	Peak		



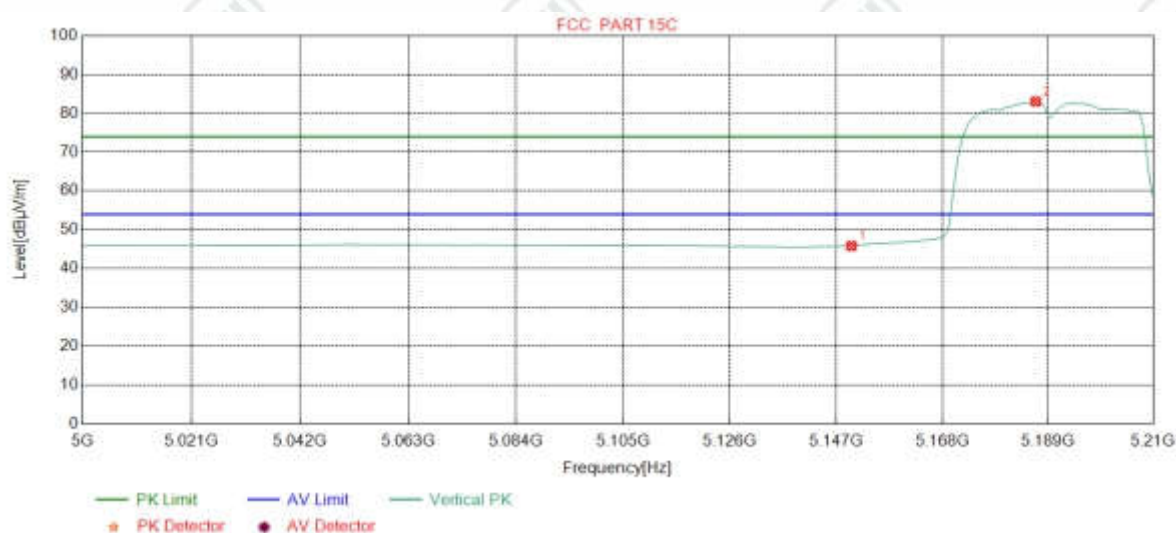
NO	Freq. [MHz]	Ant Fa ctor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dB μV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	47.78	56.97	74.00	17.03	Pass	Vertical
2	5188.4481	34.69	15.46	-40.56	86.95	96.54	74.00	-22.54	Pass	Vertical

Mode:	802.11 n(HT40) Transmitting	Channel:	5190
Remark:	Average		



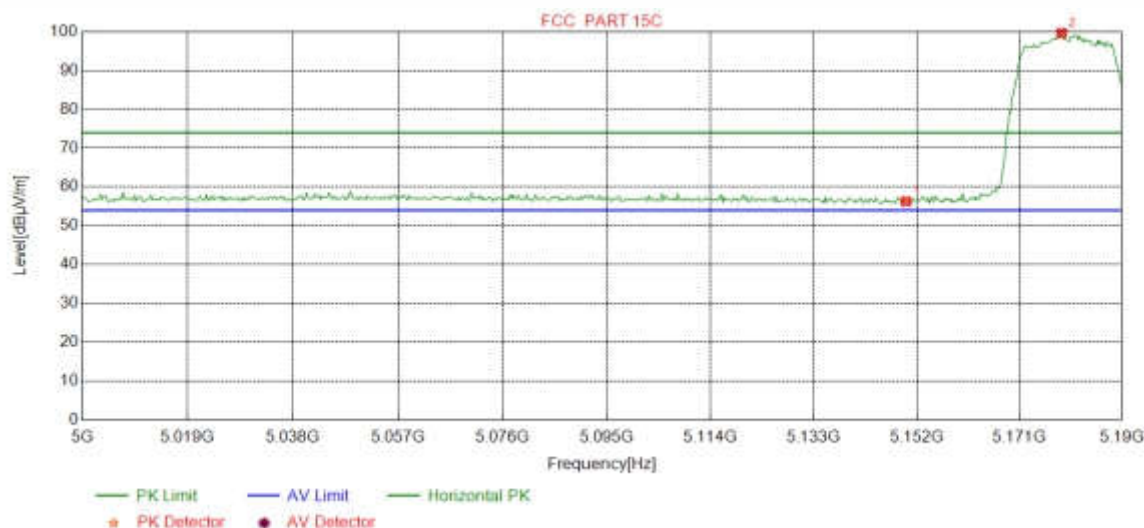
NO	Freq. [MHz]	Ant Fa ctor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dB μV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	36.59	45.78	54.00	8.22	Pass	Horizontal
2	5186.6083	34.69	15.44	-40.56	73.30	82.87	54.00	-28.87	Pass	Horizontal

Mode:	802.11 n(HT40) Transmitting	Channel:	5190
Remark:	Average		



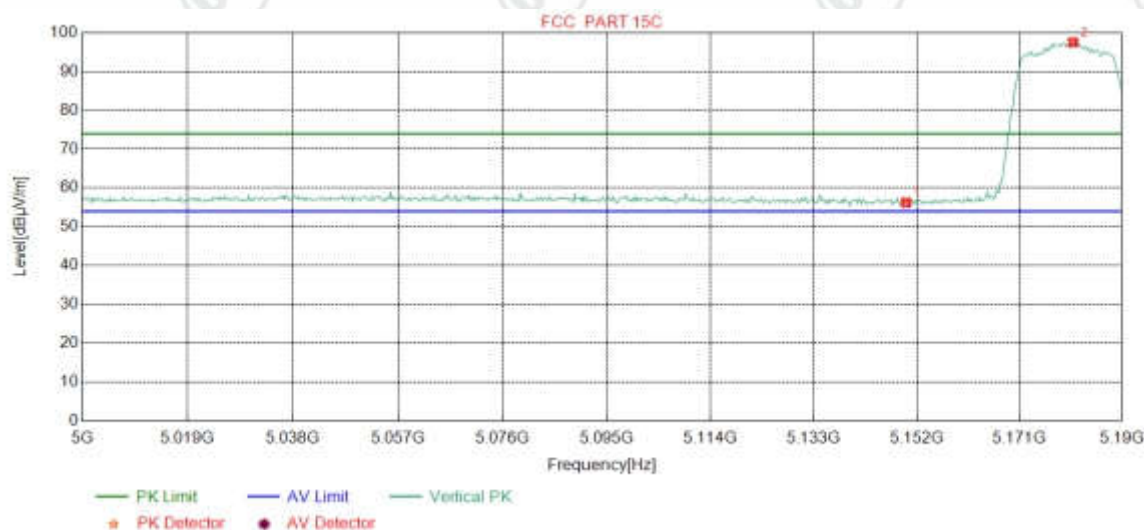
NO	Freq. [MHz]	Ant Fa ctor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dB μV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	36.63	45.82	54.00	8.18	Pass	Vertical
2	5186.6083	34.69	15.44	-40.56	73.48	83.05	54.00	-29.05	Pass	Vertical

Mode:	802.11 ac(HT20) Transmitting	Channel:	5180
Remark:	Peak		



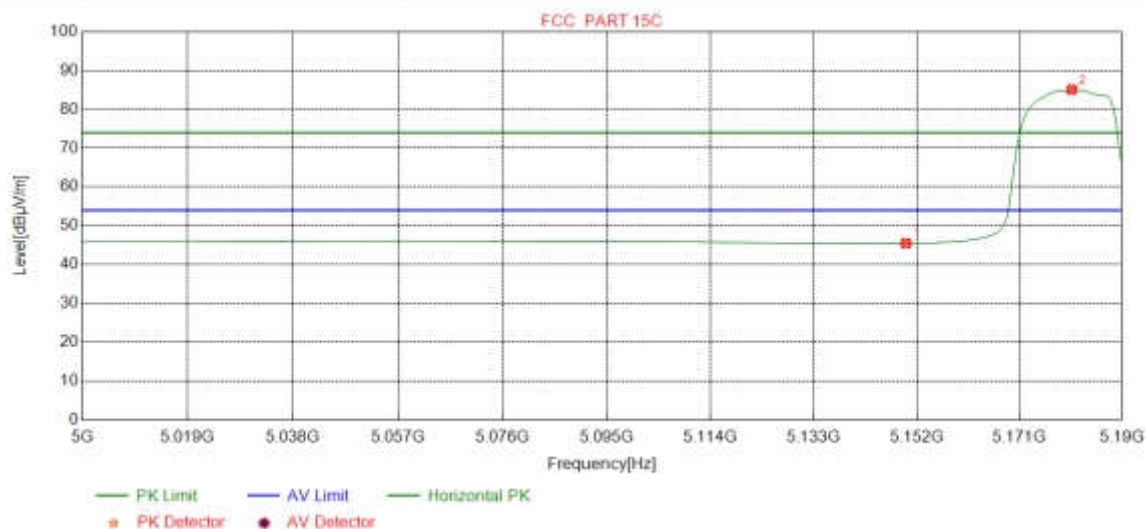
NO	Freq. [MHz]	Ant Fa ctor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dB μV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	47.08	56.27	74.00	17.73	Pass	Horizontal
2	5178.8235	34.68	15.36	-40.55	90.20	99.69	74.00	-25.69	Pass	Horizontal

Mode:	802.11 ac(HT20) Transmitting	Channel:	5180
Remark:	Peak		



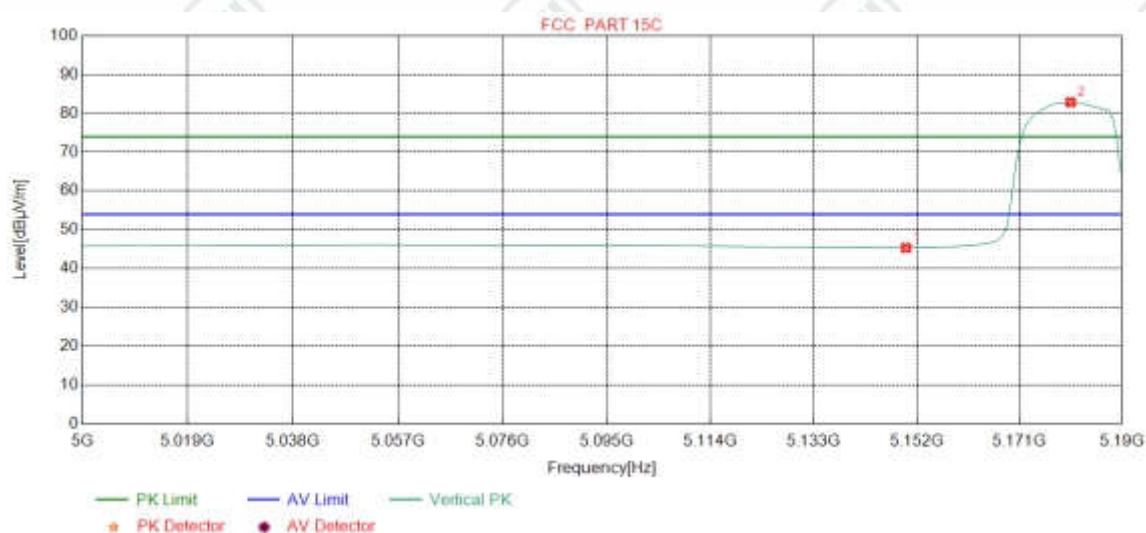
NO	Freq. [MHz]	Ant Fa ctor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dB μV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	47.03	56.22	74.00	17.78	Pass	Vertical
2	5180.9637	34.68	15.38	-40.55	88.03	97.54	74.00	-23.54	Pass	Vertical

Mode:	802.11 ac(HT20) Transmitting	Channel:	5180
Remark:	Average		



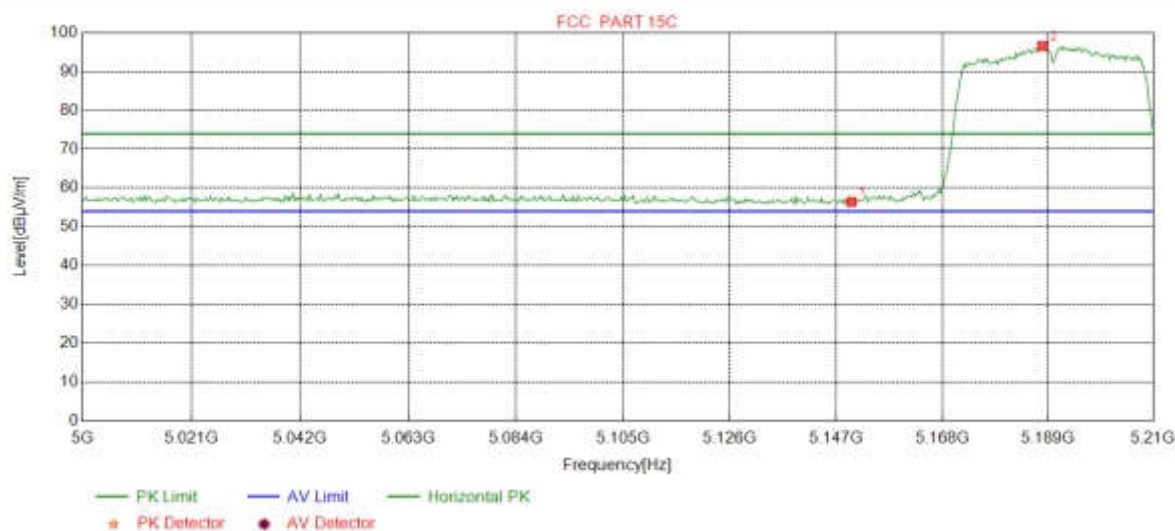
NO	Freq. [MHz]	Ant Fa ctor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dB μV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	36.26	45.45	54.00	8.55	Pass	Horizontal
2	5180.7259	34.68	15.38	-40.55	75.59	85.10	54.00	-31.10	Pass	Horizontal

Mode:	802.11 ac(HT20) Transmitting	Channel:	5180
Remark:	Average		



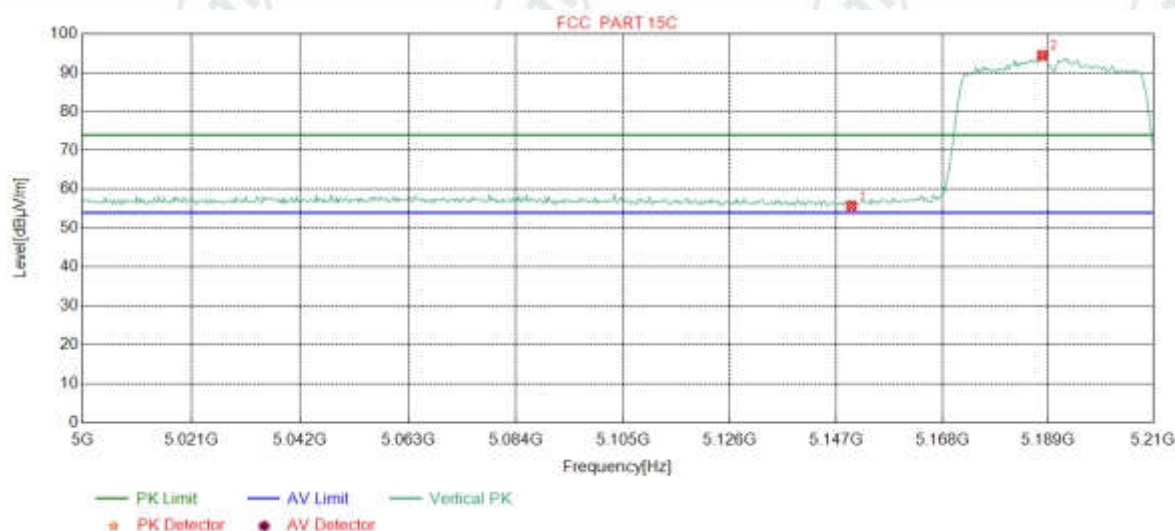
NO	Freq. [MHz]	Ant Fa ctor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dB μV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	36.14	45.33	54.00	8.67	Pass	Vertical
2	5180.4881	34.68	15.38	-40.55	73.37	82.88	54.00	-28.88	Pass	Vertical

Mode:	802.11 ac(HT40) Transmitting	Channel:	5190
Remark:	Peak		



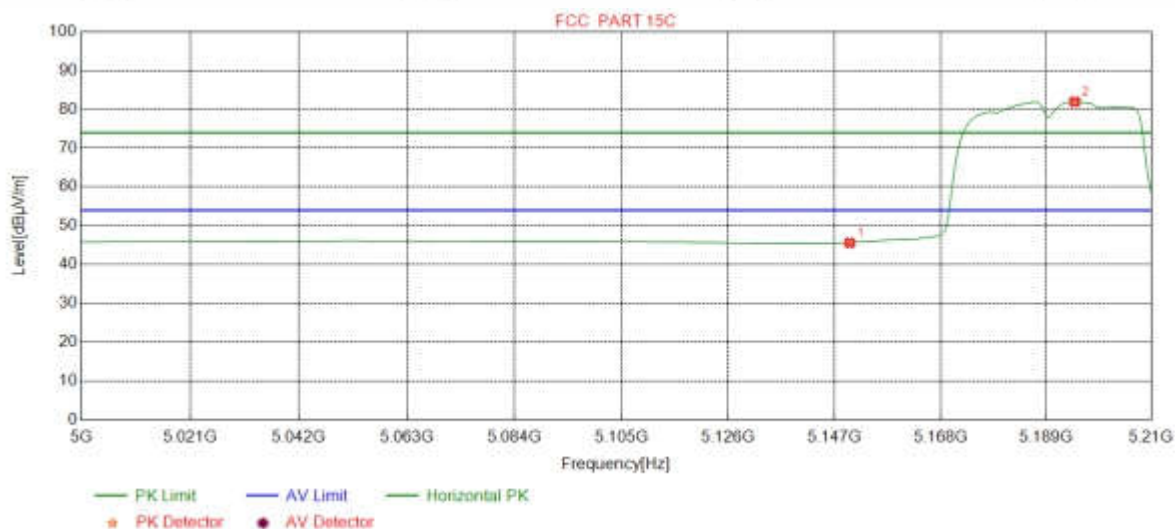
NO	Freq. [MHz]	Ant Fa ctor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dB μV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	47.19	56.38	74.00	17.62	Pass	Horizontal
2	5187.9224	34.69	15.45	-40.55	87.03	96.62	74.00	-22.62	Pass	Horizontal

Mode:	802.11 ac(HT40) Transmitting	Channel:	5190
Remark:	Peak		



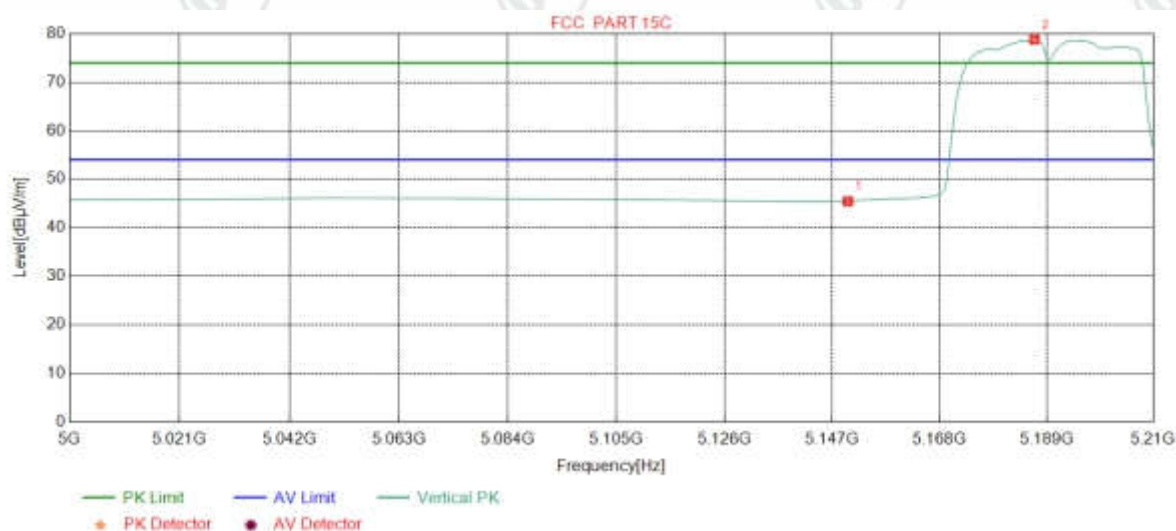
NO	Freq. [MHz]	Ant Fa ctor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dB μV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	46.58	55.77	74.00	18.23	Pass	Vertical
2	5187.9224	34.69	15.45	-40.55	84.91	94.50	74.00	-20.50	Pass	Vertical

Mode:	802.11 ac(HT40) Transmitting	Channel:	5190
Remark:	Average		



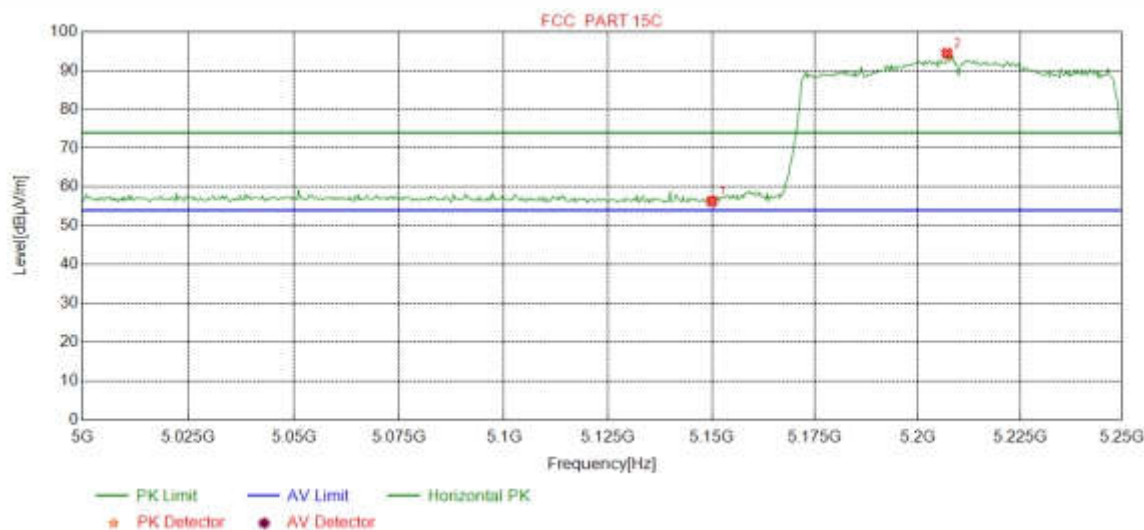
NO	Freq. [MHz]	Ant Fa ctor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dB μV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	36.38	45.57	54.00	8.43	Pass	Horizontal
2	5194.7559	34.69	15.52	-40.55	72.30	81.96	54.00	-27.96	Pass	Horizontal

Mode:	802.11 ac(HT40) Transmitting	Channel:	5190
Remark:	Average		



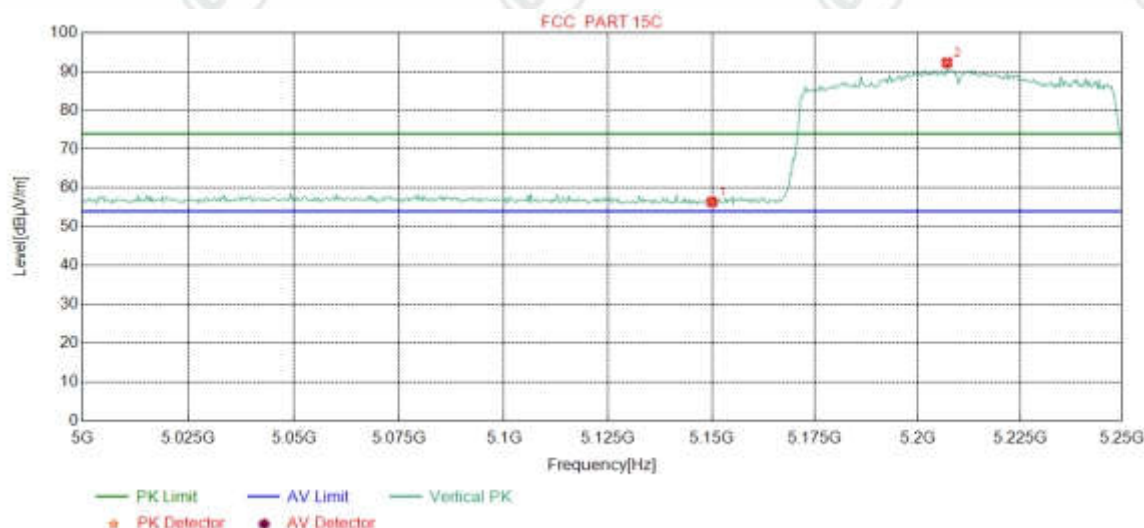
NO	Freq. [MHz]	Ant Fa ctor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dB μV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	36.25	45.44	54.00	8.56	Pass	Vertical
2	5186.6083	34.69	15.44	-40.56	69.25	78.82	54.00	-24.82	Pass	Vertical

Mode:	802.11 ac(HT80) Transmitting	Channel:	5210
Remark:	Peak		



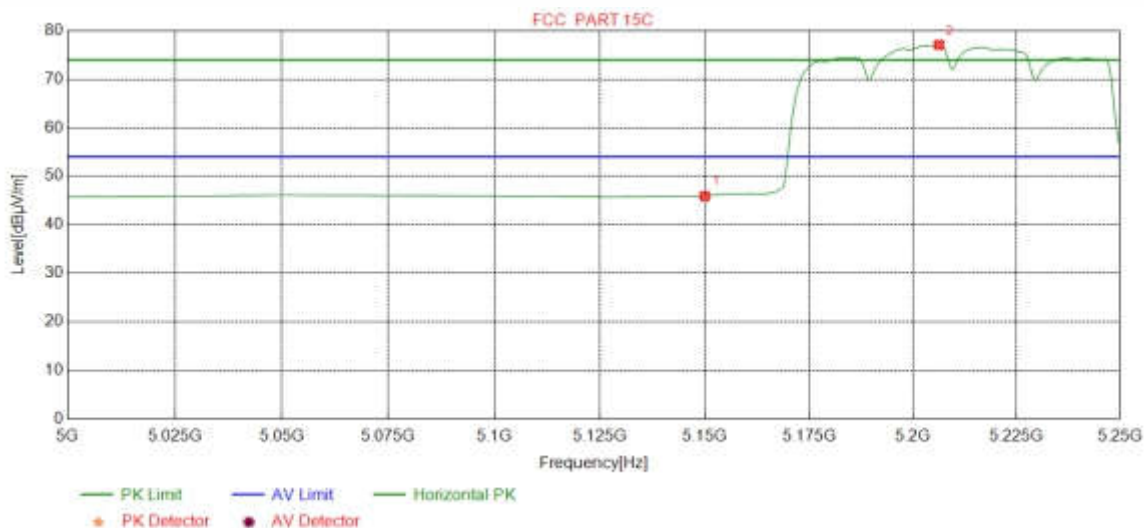
NO	Freq. [MHz]	Ant Fa ctor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dB μV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	47.12	56.31	74.00	17.69	Pass	Horizontal
2	5207.1339	34.71	15.54	-40.56	84.80	94.49	74.00	-20.49	Pass	Horizontal

Mode:	802.11 ac(HT80) Transmitting	Channel:	5210
Remark:	Peak		



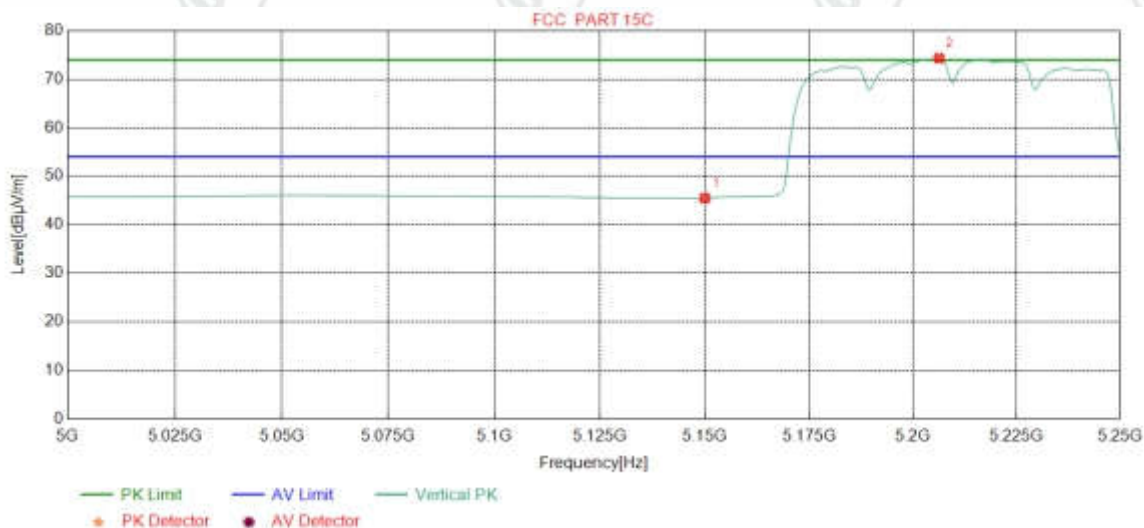
NO	Freq. [MHz]	Ant Fa ctor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dB μV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	47.17	56.36	74.00	17.64	Pass	Vertical
2	5207.1339	34.71	15.54	-40.56	82.62	92.31	74.00	-18.31	Pass	Vertical

Mode:	802.11 ac(HT80) Transmitting	Channel:	5210
Remark:	Average		



NO	Freq. [MHz]	Ant Fa ctor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dB μV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	36.69	45.88	54.00	8.12	Pass	Horizontal
2	5206.1952	34.71	15.54	-40.56	67.42	77.11	54.00	-23.11	Pass	Horizontal

Mode:	802.11 ac(HT80) Transmitting	Channel:	5210
Remark:	Average		



NO	Freq. [MHz]	Ant Fa ctor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dB μV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	36.28	45.47	54.00	8.53	Pass	Vertical
2	5206.1952	34.71	15.54	-40.56	64.63	74.32	54.00	-20.32	Pass	Vertical

Note:

1) Through Pre-scan transmitting mode with all kind of modulation and data rate, find the MCS0 is the worst case of 802.11a; MCS0 is the worst case of 802.11n(20M)(40M); MCS0 is the worst case of 802.11ac(20M)(40M)(80M); and then Only the worst case is recorded in the report.

2) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Final Test Level =Receiver Reading - Correct Factor

Correct Factor = Preamplifier Factor- Antenna Factor-Cable Factor

3) All modes and antenna are tested, and found the antenna 1 which is worst case for 802.11a/n(20M)(40M)/ac(20M)(40M)(80M),so only the worst case mode is recorded in the report.

Appendix K): Unwanted Emissions in the Restricted Bands (Radiated Emission)

Receiver Setup:	Frequency	Detector	RBW	VBW	Remark
	0.009MHz-0.090MHz	Peak	10kHz	30kHz	Peak
	0.009MHz-0.090MHz	Average	10kHz	30kHz	Average
	0.090MHz-0.110MHz	Quasi-peak	10kHz	30kHz	Quasi-peak
	0.110MHz-0.490MHz	Peak	10kHz	30kHz	Peak
	0.110MHz-0.490MHz	Average	10kHz	30kHz	Average
	0.490MHz -30MHz	Quasi-peak	10kHz	30kHz	Quasi-peak
	30MHz-1GHz	Quasi-peak	120kHz	300kHz	Quasi-peak
	Above 1GHz	Peak	1MHz	3MHz	Peak
		Peak	1MHz	10Hz	Average
Test Procedure:					
Below 1GHz test procedure as below:					
a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic camber. The table was rotated 360 degrees to determine the position of the highest radiation. b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement. d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rota table was turned from 0 degrees to 360 degrees to find the maximum reading. e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.					
Above 1GHz test procedure as below:					
g. Different between above is the test site, change from Semi- Anechoic Chamber to fully Anechoic Chamber and change form table 0.8 metre to 1.5 metre(Above 18GHz the distance is 1 meter and table is 1.5 metre) h. Test the EUT in the lowest channel ,the middle channel ,the Highest channel i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is worse case. j. Repeat above procedures until all frequencies measured was complete.					
Limit:	Frequency	Field strength (microvolt/meter)	Limit (dBµV/cm)	Remark	Measurement distance (cm)
	0.009MHz-0.490MHz	2400/F(kHz)	-	-	300
	0.490MHz-1.705MHz	24000/F(kHz)	-	-	30
	1.705MHz-30MHz	30	-	-	30
	30MHz-88MHz	100	40.0	Quasi-peak	3
	88MHz-216MHz	150	43.5	Quasi-peak	3
	216MHz-960MHz	200	46.0	Quasi-peak	3
	960MHz-1GHz	500	54.0	Quasi-peak	3
	Above 1GHz	500	54.0	Average	3
	Note: 15.35(b), Unless otherwise specified, the limit on peak radio frequency emissions is 20dB above the maximum permitted average emission limit applicable to the equipment under test. This peak limit applies to the total peak emission level radiated by the device.				
Test result:		PASS			

Test Data:

Product : reMarkable paper tablet

Model/Type reference : RM102

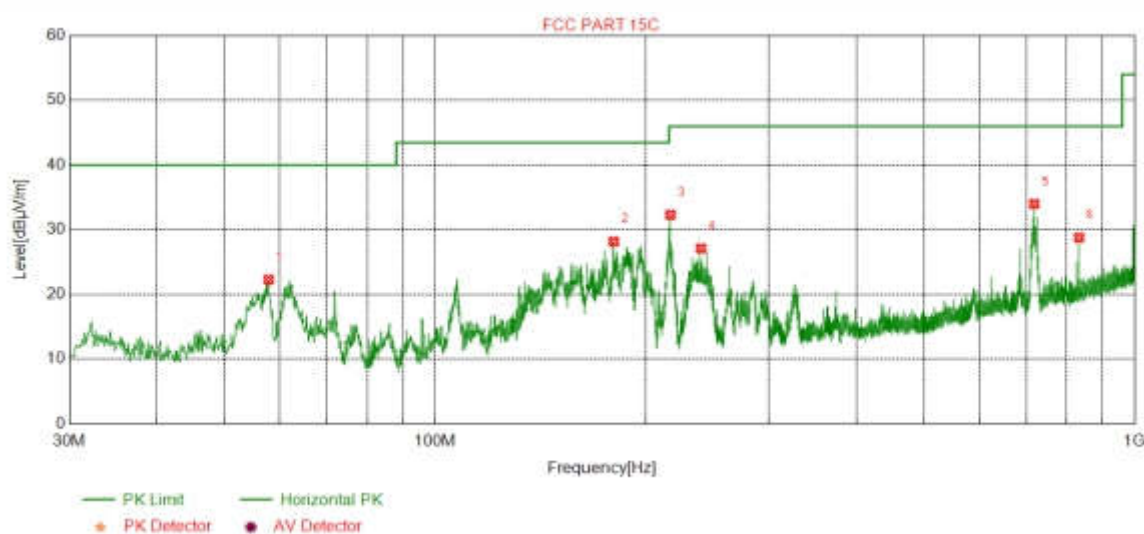
Temperature : 22°C

Humidity : 49%

Radiated Emission below 1GHz

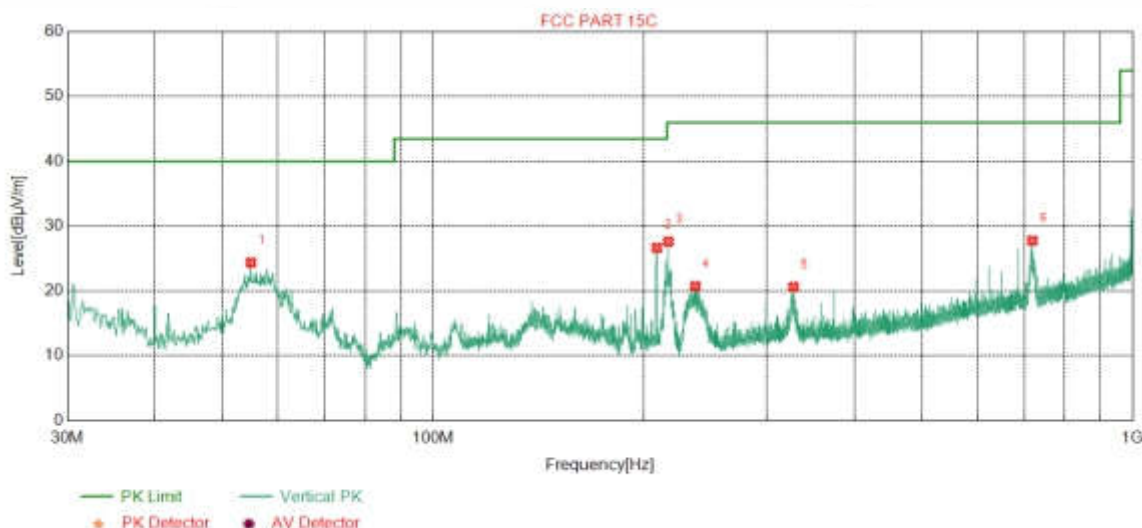
Band-1

Mode:	802.11 a(HT20) Transmitting	Channel:	5180
Remark:	QP		



NO	Freq. [MHz]	Ant Fa ctor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dB μV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity
1	57.8418	11.95	0.87	-32.06	41.51	22.27	40.00	17.73	Pass	Horizontal
2	180.0740	9.01	1.58	-31.99	49.57	28.17	43.50	15.33	Pass	Horizontal
3	217.0347	11.34	1.76	-31.95	51.14	32.29	46.00	13.71	Pass	Horizontal
4	239.9290	11.94	1.84	-31.90	45.23	27.11	46.00	18.89	Pass	Horizontal
5	718.5749	20.00	3.21	-32.07	42.86	34.00	46.00	12.00	Pass	Horizontal
6	832.9493	21.30	3.48	-31.95	35.96	28.79	46.00	17.21	Pass	Horizontal

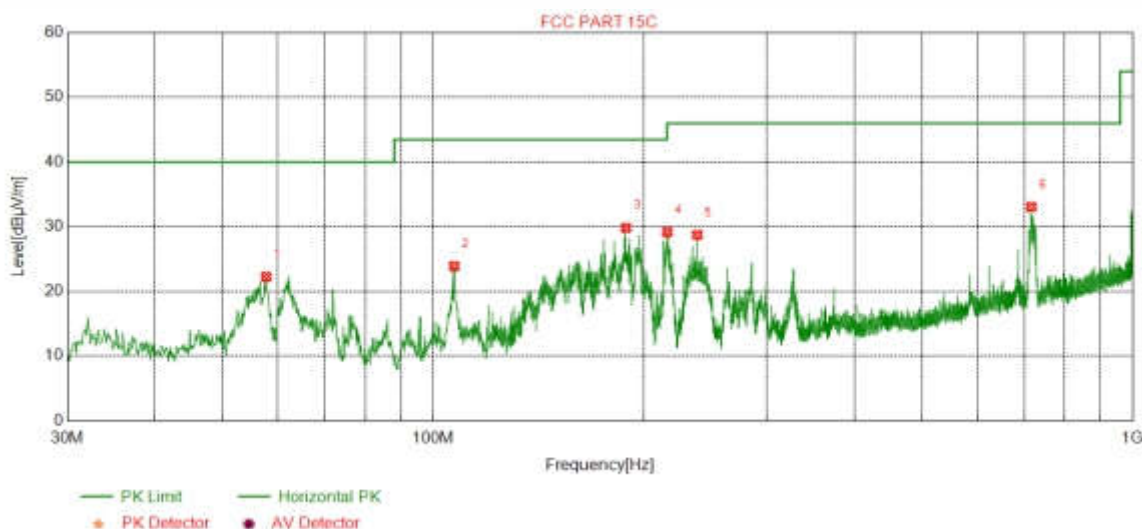
Mode:	802.11 a(HT20) Transmitting	Channel:	5180
Remark:	QP		



Suspected List

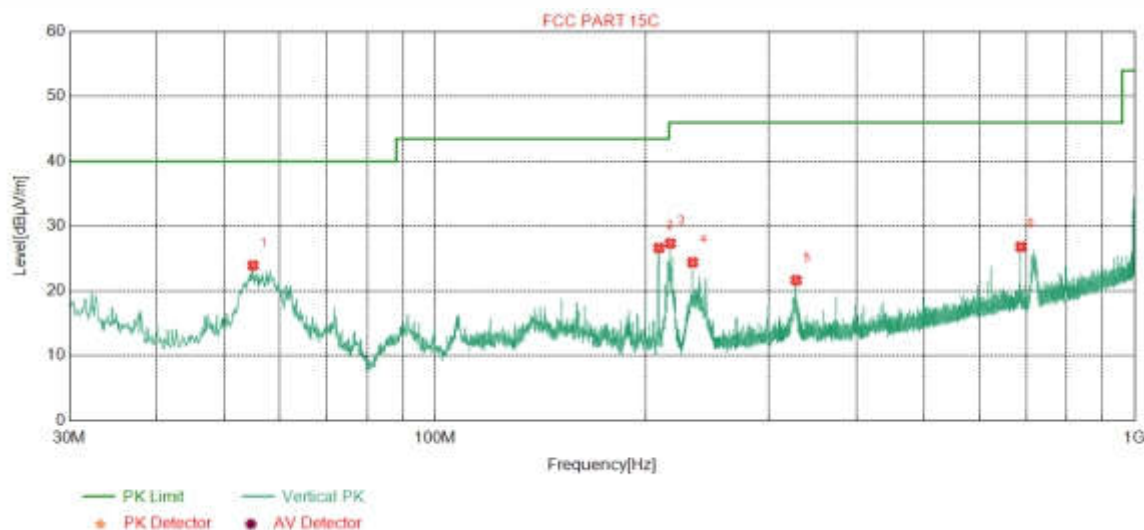
NO	Freq. [MHz]	Ant Fa ctor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dB μV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity
1	54.9315	12.41	0.84	-32.08	43.20	24.37	40.00	15.63	Pass	Vertical
2	208.8859	11.13	1.71	-31.94	45.75	26.65	43.50	16.85	Pass	Vertical
3	216.9377	11.34	1.75	-31.94	46.46	27.61	46.00	18.39	Pass	Vertical
4	237.1157	11.87	1.83	-31.91	38.93	20.72	46.00	25.28	Pass	Vertical
5	327.6258	13.81	2.15	-31.78	36.43	20.61	46.00	25.39	Pass	Vertical
6	718.8659	20.01	3.22	-32.08	36.61	27.76	46.00	18.24	Pass	Vertical

Mode:	802.11 n(HT20) Transmitting	Channel:	5180
Remark:	QP		



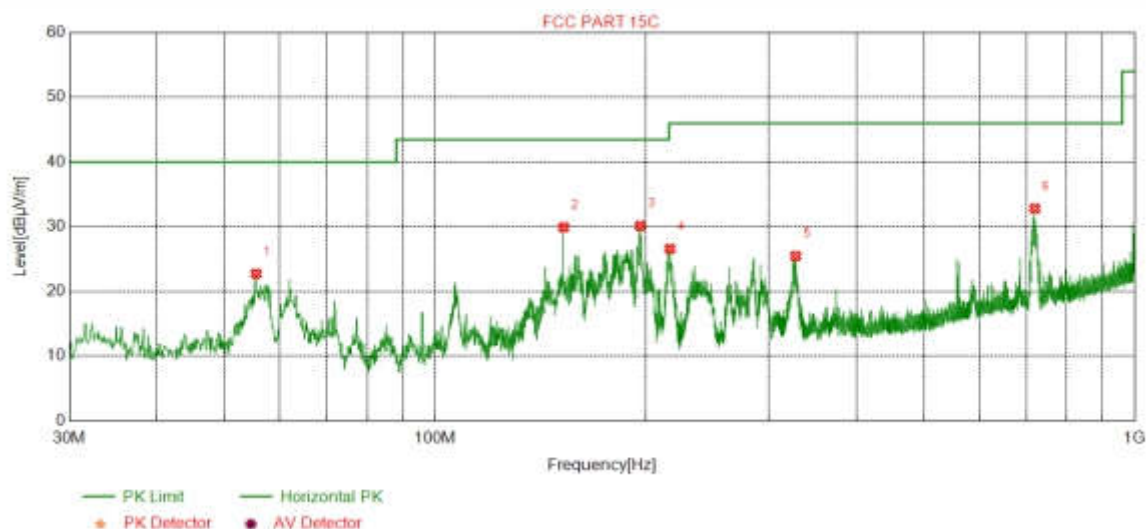
NO	Freq. [MHz]	Ant Fa ctor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dB μV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity
1	57.7448	11.96	0.87	-32.05	41.47	22.25	40.00	17.75	Pass	Horizontal
2	107.2197	10.93	1.22	-32.07	43.81	23.89	43.50	19.61	Pass	Horizontal
3	188.7079	9.83	1.61	-31.98	50.35	29.81	43.50	13.69	Pass	Horizontal
4	216.1616	11.32	1.75	-31.95	48.03	29.15	46.00	16.85	Pass	Horizontal
5	238.6679	11.91	1.83	-31.90	46.89	28.73	46.00	17.27	Pass	Horizontal
6	716.5377	19.98	3.21	-32.09	41.97	33.07	46.00	12.93	Pass	Horizontal

Mode:	802.11 n(HT20) Transmitting	Channel:	5180
Remark:	QP		



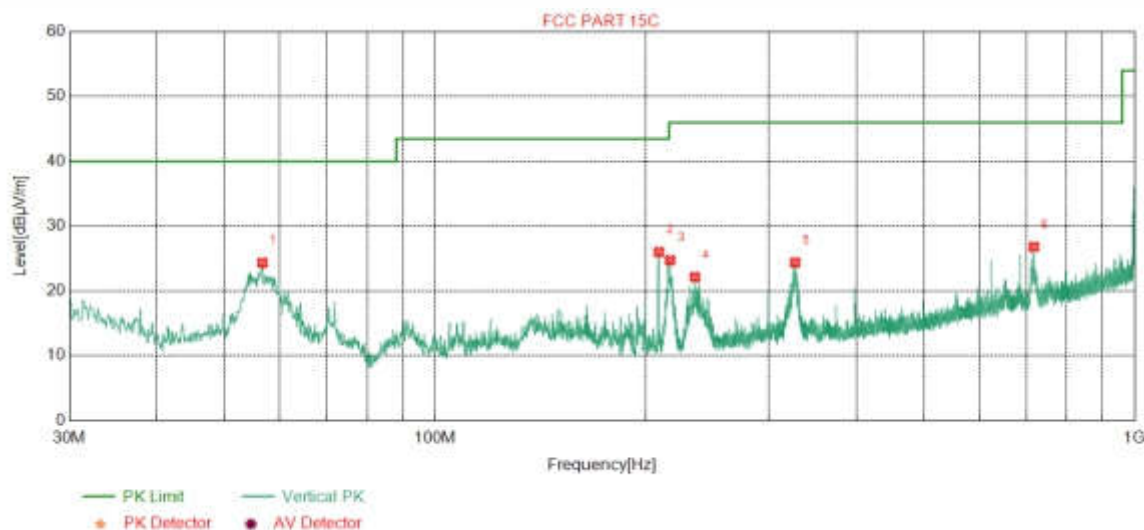
NO	Freq. [MHz]	Ant Fa ctor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dB μV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity
1	54.9315	12.41	0.84	-32.08	42.75	23.92	40.00	16.08	Pass	Vertical
2	208.8859	11.13	1.71	-31.94	45.73	26.63	43.50	16.87	Pass	Vertical
3	216.9377	11.34	1.75	-31.94	46.18	27.33	46.00	18.67	Pass	Vertical
4	233.4293	11.77	1.81	-31.90	42.73	24.41	46.00	21.59	Pass	Vertical
5	328.2078	13.82	2.15	-31.77	37.44	21.64	46.00	24.36	Pass	Vertical
6	687.5318	19.70	3.14	-32.06	36.03	26.81	46.00	19.19	Pass	Vertical

Mode:	802.11 n(HT40) Transmitting	Channel:	5230
Remark:	QP		



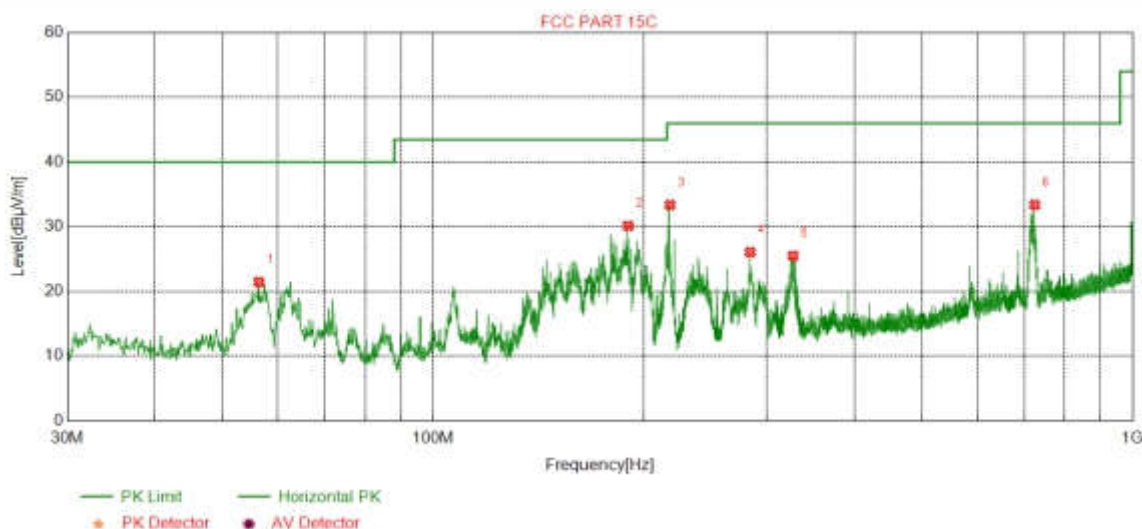
NO	Freq. [MHz]	Ant Fa ctor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dB μV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity
1	55.5136	12.32	0.85	-32.08	41.63	22.72	40.00	17.28	Pass	Horizontal
2	152.7173	7.65	1.46	-32.01	52.82	29.92	43.50	13.58	Pass	Horizontal
3	196.4686	10.56	1.65	-31.95	49.87	30.13	43.50	13.37	Pass	Horizontal
4	216.6467	11.33	1.75	-31.94	45.43	26.57	46.00	19.43	Pass	Horizontal
5	327.8198	13.81	2.15	-31.77	41.26	25.45	46.00	20.55	Pass	Horizontal
6	720.0300	20.02	3.22	-32.07	41.64	32.81	46.00	13.19	Pass	Horizontal

Mode:	802.11 n(HT40) Transmitting	Channel:	5230
Remark:	QP		



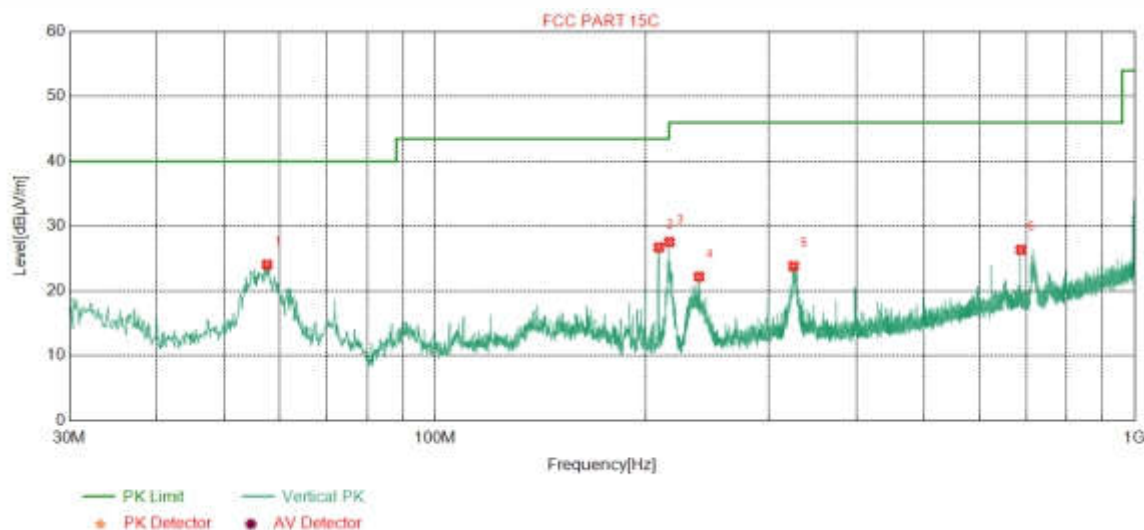
NO	Freq. [MHz]	Ant Fa ctor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dB μV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity
1	56.6777	12.13	0.86	-32.06	43.40	24.33	40.00	15.67	Pass	Vertical
2	208.8859	11.13	1.71	-31.94	45.09	25.99	43.50	17.51	Pass	Vertical
3	216.7437	11.34	1.75	-31.95	43.58	24.72	46.00	21.28	Pass	Vertical
4	235.2725	11.82	1.82	-31.91	40.40	22.13	46.00	23.87	Pass	Vertical
5	327.1407	13.80	2.15	-31.78	40.21	24.38	46.00	21.62	Pass	Vertical
6	717.7018	19.99	3.21	-32.08	35.67	26.79	46.00	19.21	Pass	Vertical

Mode:	802.11 ac(HT20) Transmitting	Channel:	5240
Remark:	QP		



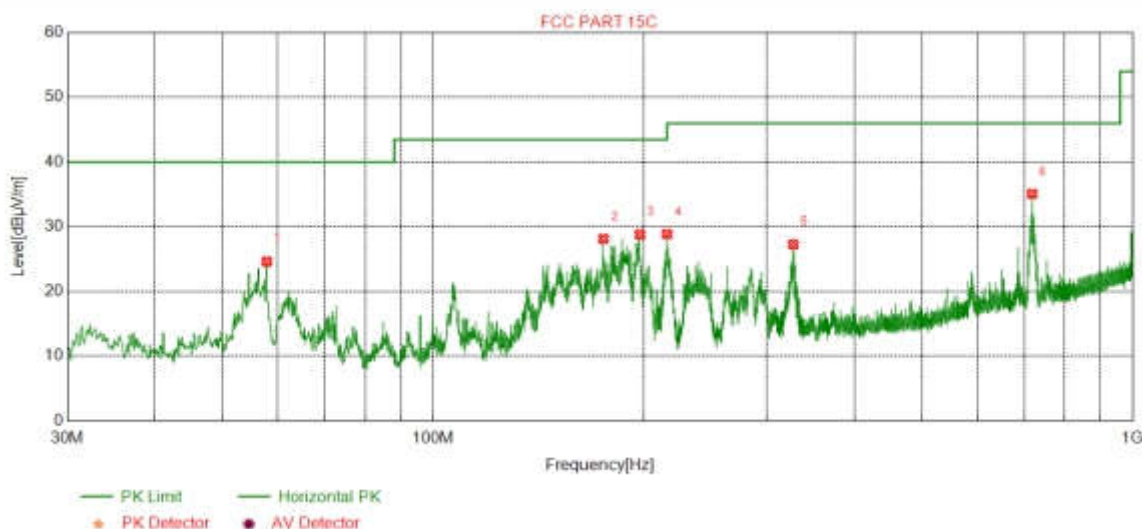
NO	Freq. [MHz]	Ant Fa ctor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dB μV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity
1	56.3866	12.18	0.86	-32.07	40.47	21.44	40.00	18.56	Pass	Horizontal
2	190.0660	9.96	1.61	-31.97	50.53	30.13	43.50	13.37	Pass	Horizontal
3	218.1018	11.37	1.76	-31.95	52.19	33.37	46.00	12.63	Pass	Horizontal
4	283.9714	12.88	2.01	-31.91	43.08	26.06	46.00	19.94	Pass	Horizontal
5	327.1407	13.80	2.15	-31.78	41.32	25.49	46.00	20.51	Pass	Horizontal
6	724.3954	20.07	3.26	-32.09	42.15	33.39	46.00	12.61	Pass	Horizontal

Mode:	802.11 ac(HT20) Transmitting	Channel:	5240
Remark:	QP		



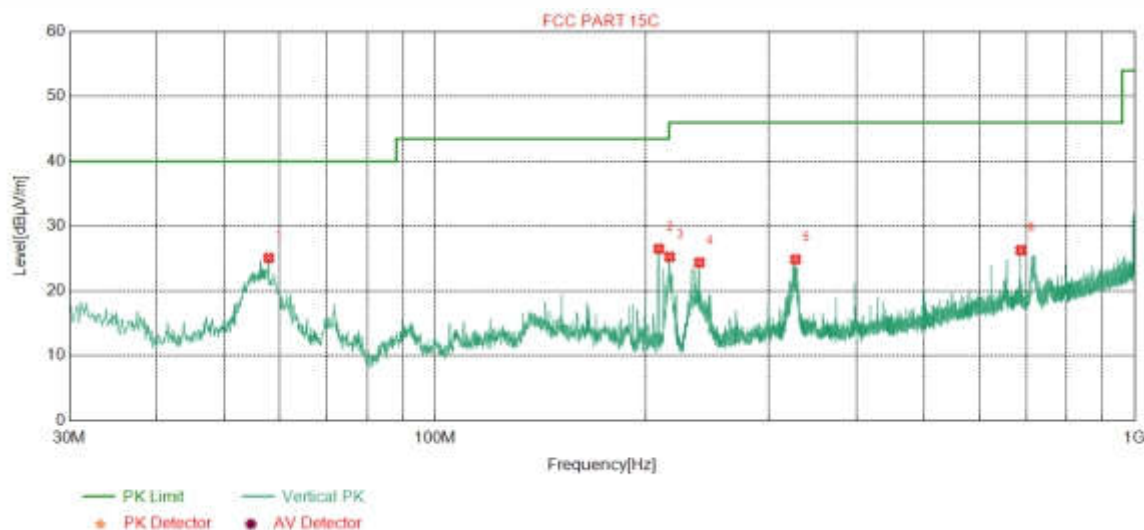
NO	Freq. [MHz]	Ant Fa ctor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dB μV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity
1	57.5508	11.99	0.87	-32.06	43.23	24.03	40.00	15.97	Pass	Vertical
2	208.8859	11.13	1.71	-31.94	45.80	26.70	43.50	16.80	Pass	Vertical
3	216.2586	11.32	1.75	-31.95	46.43	27.55	46.00	18.45	Pass	Vertical
4	238.4738	11.90	1.83	-31.90	40.36	22.19	46.00	23.81	Pass	Vertical
5	325.3945	13.76	2.14	-31.79	39.70	23.81	46.00	22.19	Pass	Vertical
6	687.5318	19.70	3.14	-32.06	35.57	26.35	46.00	19.65	Pass	Vertical

Mode:	802.11 ac(HT40) Transmitting	Channel:	5190
Remark:	QP		



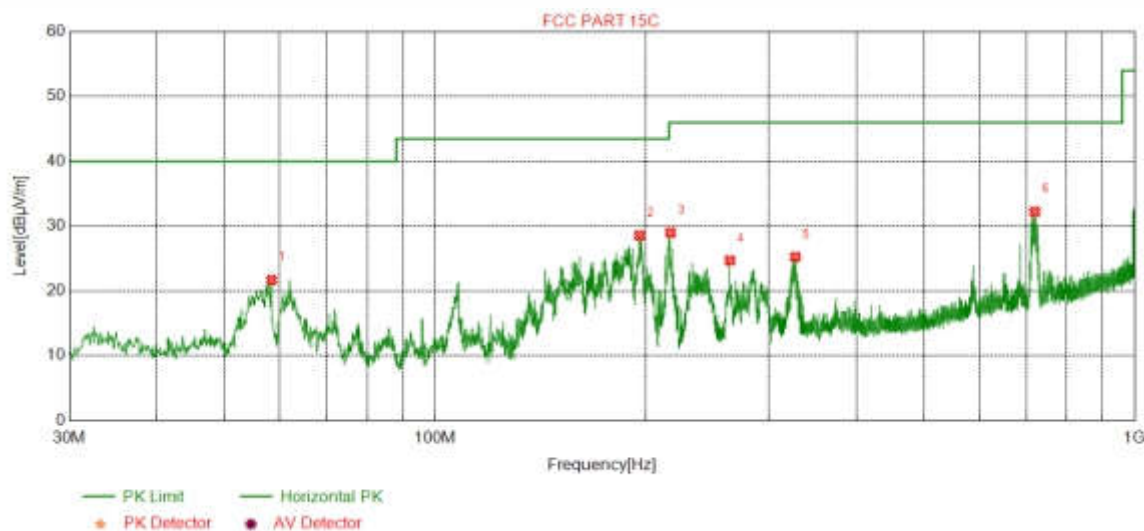
NO	Freq. [MHz]	Ant Fa ctor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dB μV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity
1	57.8418	11.95	0.87	-32.06	43.85	24.61	40.00	15.39	Pass	Horizontal
2	175.2235	8.74	1.56	-31.98	49.80	28.12	43.50	15.38	Pass	Horizontal
3	197.6328	10.68	1.66	-31.96	48.41	28.79	43.50	14.71	Pass	Horizontal
4	215.9676	11.32	1.75	-31.96	47.75	28.86	43.50	14.64	Pass	Horizontal
5	327.3347	13.80	2.15	-31.78	43.09	27.26	46.00	18.74	Pass	Horizontal
6	718.3808	20.00	3.21	-32.07	43.93	35.07	46.00	10.93	Pass	Horizontal

Mode:	802.11 ac(HT40) Transmitting	Channel:	5190
Remark:	QP		



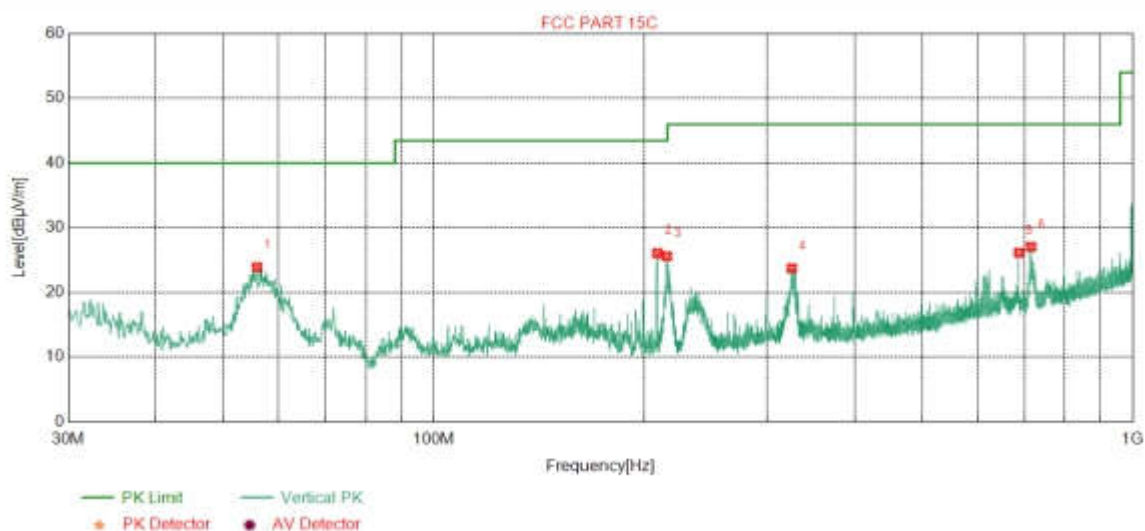
NO	Freq. [MHz]	Ant Fa ctor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dB μV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity
1	57.8418	11.95	0.87	-32.06	44.33	25.09	40.00	14.91	Pass	Vertical
2	208.8859	11.13	1.71	-31.94	45.59	26.49	43.50	17.01	Pass	Vertical
3	216.4526	11.33	1.75	-31.95	44.11	25.24	46.00	20.76	Pass	Vertical
4	238.7649	11.91	1.83	-31.90	42.54	24.38	46.00	21.62	Pass	Vertical
5	327.6258	13.81	2.15	-31.78	40.66	24.84	46.00	21.16	Pass	Vertical
6	687.5318	19.70	3.14	-32.06	35.50	26.28	46.00	19.72	Pass	Vertical

Mode:	802.11 ac(HT80) Transmitting	Channel:	5210
Remark:	QP		



NO	Freq. [MHz]	Ant Fa ctor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dB μV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity
1	58.4238	11.85	0.88	-32.05	41.01	21.69	40.00	18.31	Pass	Horizontal
2	195.9836	10.52	1.65	-31.96	48.33	28.54	43.50	14.96	Pass	Horizontal
3	217.1317	11.35	1.76	-31.96	47.83	28.98	46.00	17.02	Pass	Horizontal
4	263.9874	12.48	1.94	-31.88	42.15	24.69	46.00	21.31	Pass	Horizontal
5	327.4317	13.80	2.15	-31.77	41.06	25.24	46.00	20.76	Pass	Horizontal
6	720.0300	20.02	3.22	-32.07	41.05	32.22	46.00	13.78	Pass	Horizontal

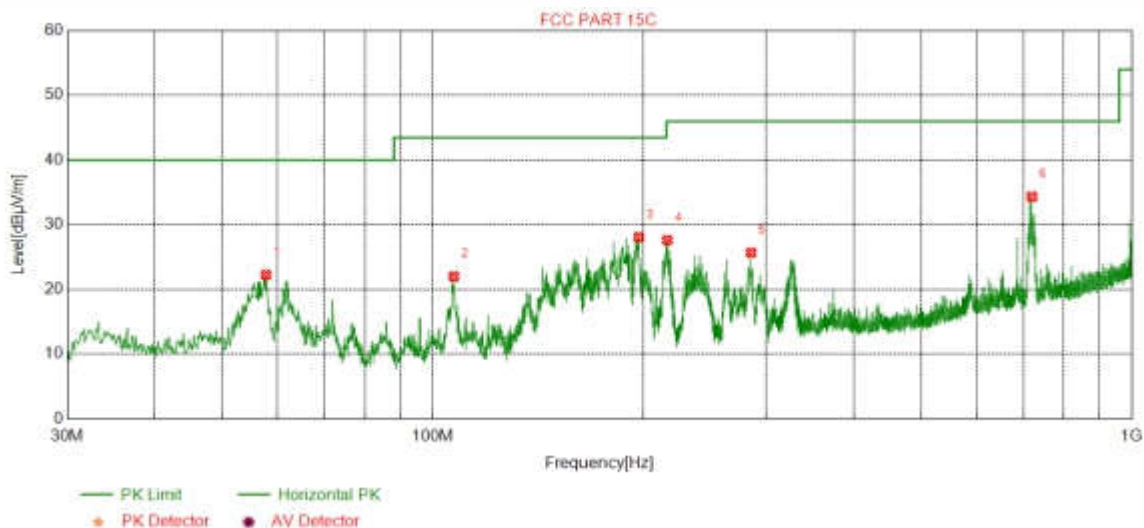
Mode:	802.11 ac(HT80) Transmitting	Channel:	5210
Remark:	QP		



NO	Freq. [MHz]	Ant Fa ctor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dB μV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity
1	55.9016	12.26	0.85	-32.08	42.86	23.89	40.00	16.11	Pass	Vertical
2	208.8859	11.13	1.71	-31.94	45.16	26.06	43.50	17.44	Pass	Vertical
3	215.5796	11.31	1.75	-31.96	44.50	25.60	43.50	17.90	Pass	Vertical
4	325.2975	13.76	2.14	-31.80	39.63	23.73	46.00	22.27	Pass	Vertical
5	687.5318	19.70	3.14	-32.06	35.35	26.13	46.00	19.87	Pass	Vertical
6	715.6646	19.97	3.20	-32.09	35.97	27.05	46.00	18.95	Pass	Vertical

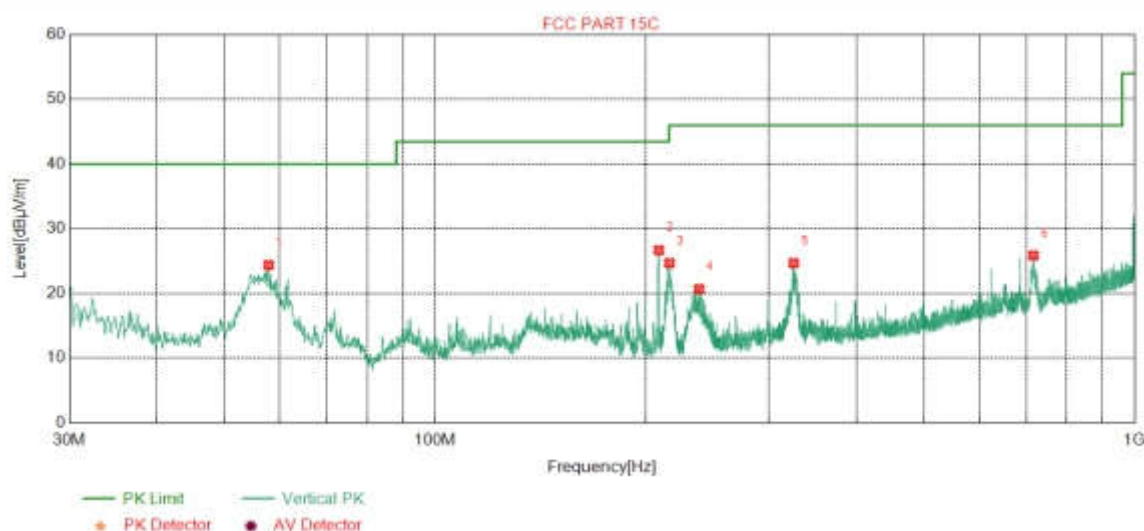
Band-4

Mode:	802.11 a(HT20) Transmitting	Channel:	5785
Remark:	QP		



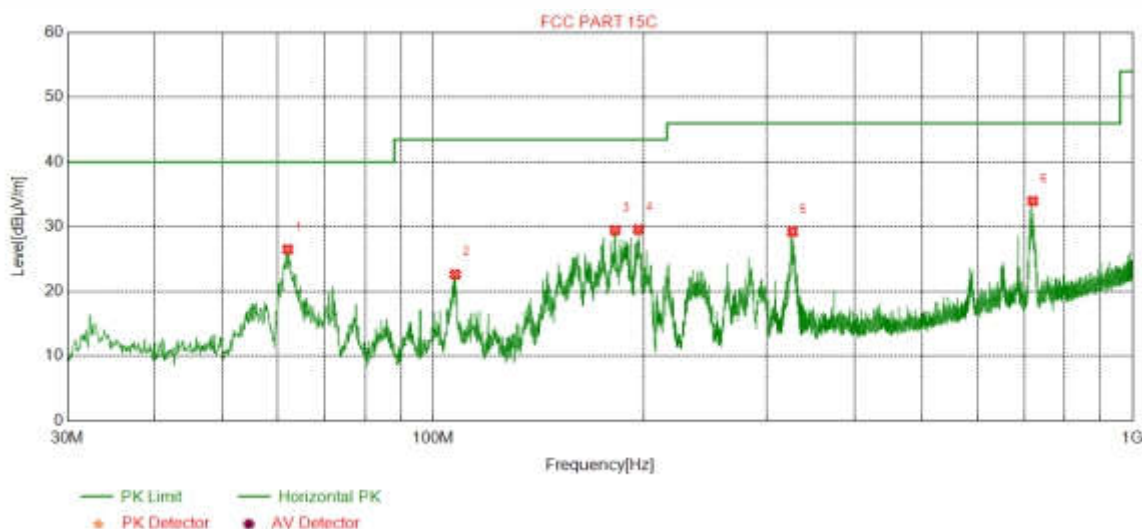
NO	Freq. [MHz]	Ant Fa ctor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dB μV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity
1	57.7448	11.96	0.87	-32.05	41.46	22.24	40.00	17.76	Pass	Horizontal
2	107.2197	10.93	1.22	-32.07	41.91	21.99	43.50	21.51	Pass	Horizontal
3	197.2447	10.64	1.65	-31.95	47.75	28.09	43.50	15.41	Pass	Horizontal
4	216.6467	11.33	1.75	-31.94	46.48	27.62	46.00	18.38	Pass	Horizontal
5	285.4265	12.91	2.01	-31.90	42.66	25.68	46.00	20.32	Pass	Horizontal
6	720.0300	20.02	3.22	-32.07	43.16	34.33	46.00	11.67	Pass	Horizontal

Mode:	802.11 a(HT20) Transmitting	Channel:	5785
Remark:	QP		



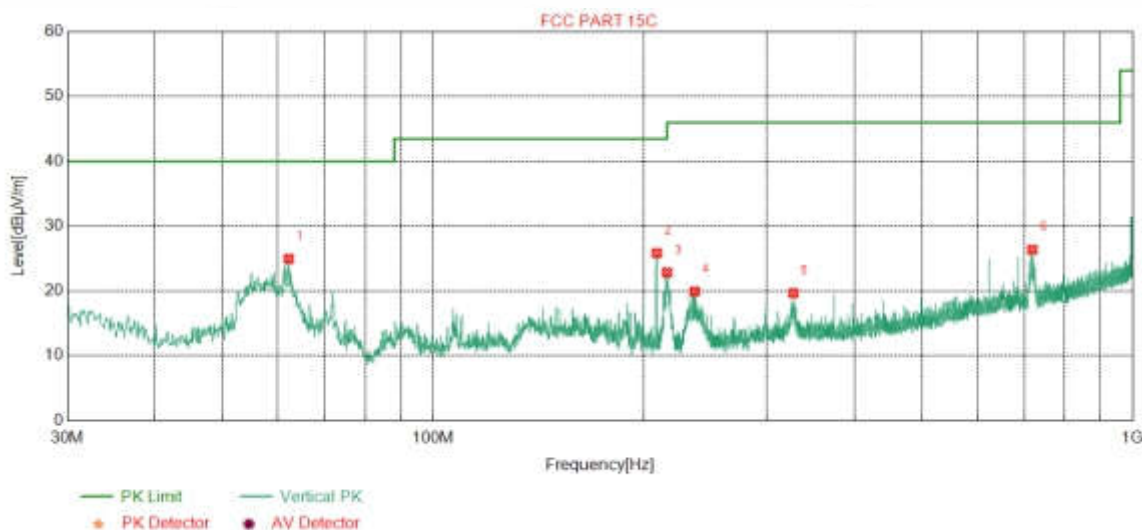
NO	Freq. [MHz]	Ant Fa ctor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dB μV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity
1	57.8418	11.95	0.87	-32.06	43.62	24.38	40.00	15.62	Pass	Vertical
2	208.8859	11.13	1.71	-31.94	45.76	26.66	43.50	16.84	Pass	Vertical
3	216.2586	11.32	1.75	-31.95	43.56	24.68	46.00	21.32	Pass	Vertical
4	238.4738	11.90	1.83	-31.90	38.86	20.69	46.00	25.31	Pass	Vertical
5	325.6856	13.77	2.14	-31.79	40.56	24.68	46.00	21.32	Pass	Vertical
6	716.6347	19.98	3.21	-32.09	34.77	25.87	46.00	20.13	Pass	Vertical

Mode:	802.11 n(HT20) Transmitting	Channel:	5745
Remark:	QP		



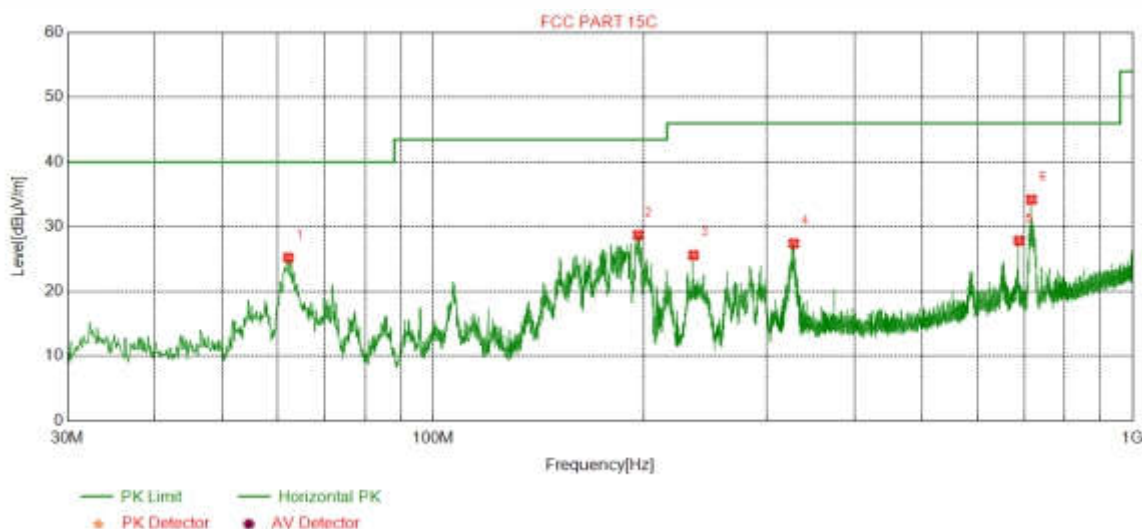
NO	Freq. [MHz]	Ant Fa ctor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dB μV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity
1	62.0132	11.08	0.91	-32.05	46.55	26.49	40.00	13.51	Pass	Horizontal
2	107.6078	10.92	1.22	-32.06	42.54	22.62	43.50	20.88	Pass	Horizontal
3	182.1112	9.20	1.59	-31.99	50.66	29.46	43.50	14.04	Pass	Horizontal
4	196.5657	10.57	1.65	-31.95	49.27	29.54	43.50	13.96	Pass	Horizontal
5	326.4616	13.78	2.15	-31.79	45.06	29.20	46.00	16.80	Pass	Horizontal
6	719.9330	20.02	3.22	-32.07	42.80	33.97	46.00	12.03	Pass	Horizontal

Mode:	802.11 n(HT20) Transmitting	Channel:	5745
Remark:	QP		



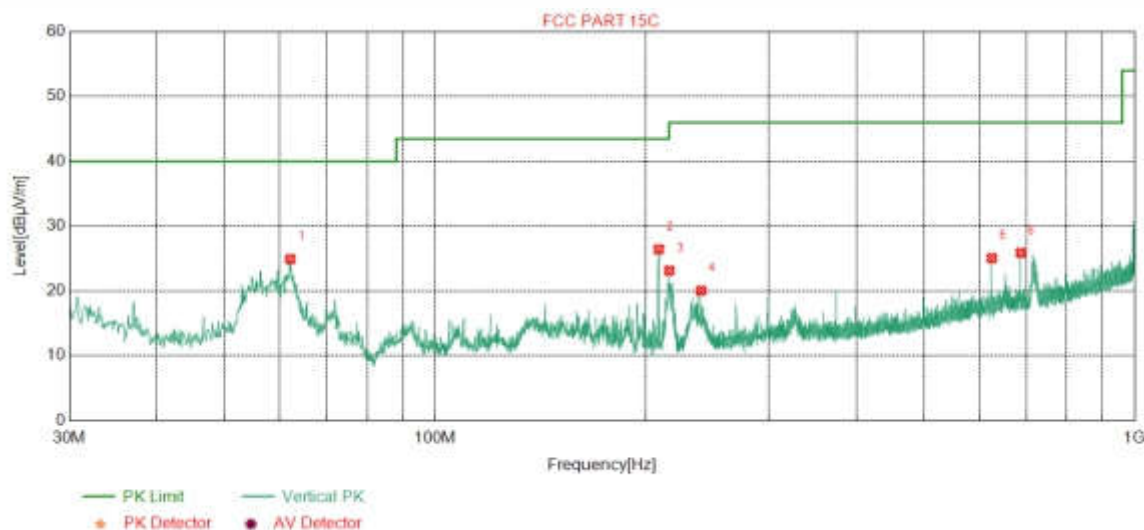
NO	Freq. [MHz]	Ant Fa ctor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dB μV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity
1	62.2072	11.03	0.91	-32.05	45.06	24.95	40.00	15.05	Pass	Vertical
2	208.8859	11.13	1.71	-31.94	44.93	25.83	43.50	17.67	Pass	Vertical
3	215.9676	11.32	1.75	-31.96	41.74	22.85	43.50	20.65	Pass	Vertical
4	236.6307	11.85	1.82	-31.89	38.13	19.91	46.00	26.09	Pass	Vertical
5	327.4317	13.80	2.15	-31.77	35.48	19.66	46.00	26.34	Pass	Vertical
6	718.8659	20.01	3.22	-32.08	35.21	26.36	46.00	19.64	Pass	Vertical

Mode:	802.11 n(HT40) Transmitting	Channel:	5795
Remark:	QP		



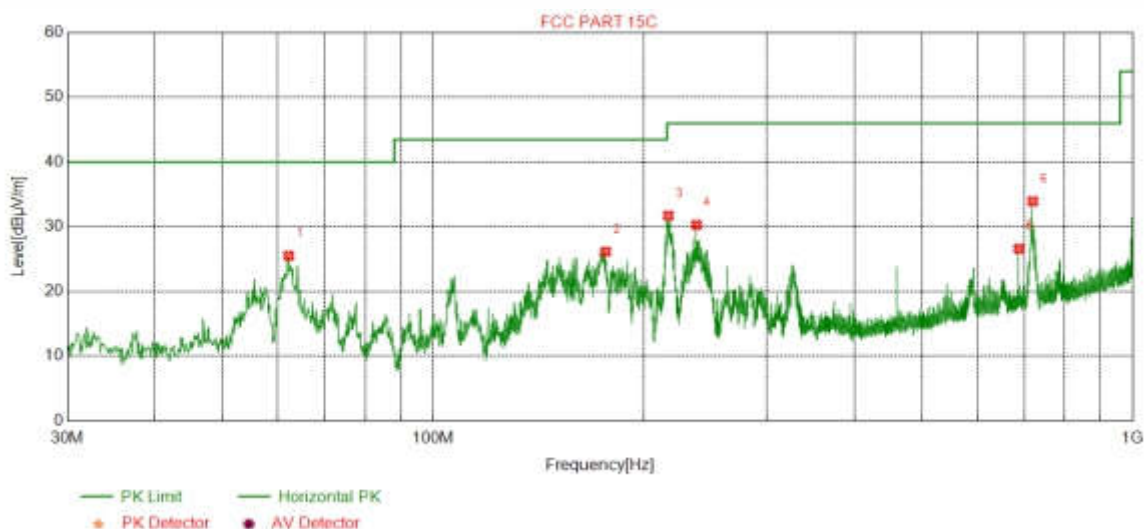
NO	Freq. [MHz]	Ant Fa ctor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dB μV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity
1	62.1102	11.05	0.91	-32.04	45.29	25.21	40.00	14.79	Pass	Horizontal
2	196.3716	10.56	1.65	-31.96	48.45	28.70	43.50	14.80	Pass	Horizontal
3	235.6606	11.83	1.82	-31.90	43.85	25.60	46.00	20.40	Pass	Horizontal
4	327.8198	13.81	2.15	-31.77	43.22	27.41	46.00	18.59	Pass	Horizontal
5	687.5318	19.70	3.14	-32.06	37.05	27.83	46.00	18.17	Pass	Horizontal
6	716.8287	19.99	3.21	-32.10	43.09	34.19	46.00	11.81	Pass	Horizontal

Mode:	802.11 n(HT40) Transmitting	Channel:	5795
Remark:	QP		



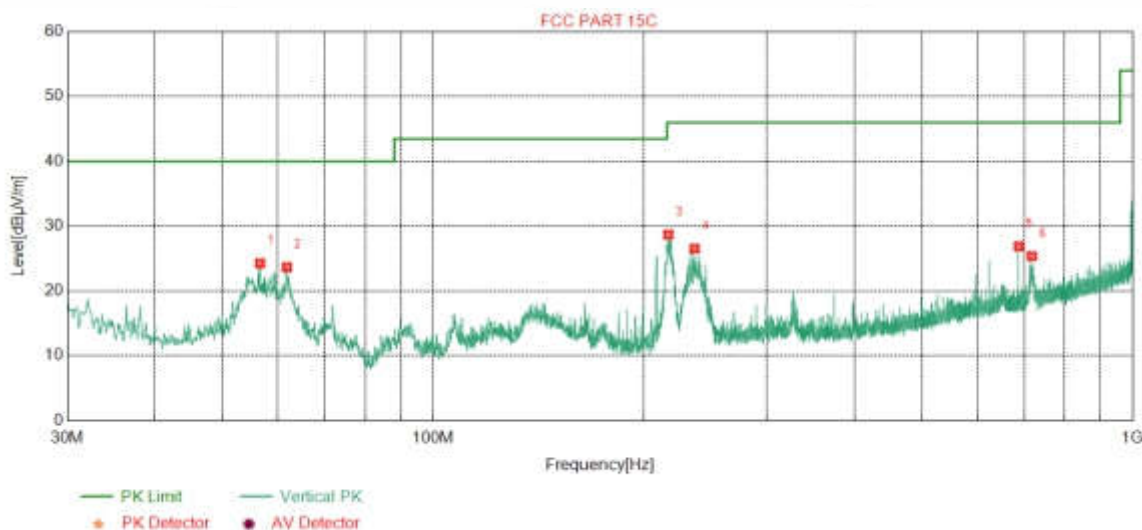
NO	Freq. [MHz]	Ant Fa ctor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dB μV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity
1	62.1102	11.05	0.91	-32.04	44.98	24.90	40.00	15.10	Pass	Vertical
2	208.8859	11.13	1.71	-31.94	45.52	26.42	43.50	17.08	Pass	Vertical
3	216.1616	11.32	1.75	-31.95	42.01	23.13	46.00	22.87	Pass	Vertical
4	240.0260	11.94	1.84	-31.90	38.16	20.04	46.00	25.96	Pass	Vertical
5	625.0575	19.20	2.97	-31.98	34.86	25.05	46.00	20.95	Pass	Vertical
6	687.5318	19.70	3.14	-32.06	35.09	25.87	46.00	20.13	Pass	Vertical

Mode:	802.11 ac(HT20) Transmitting	Channel:	5785
Remark:	QP		



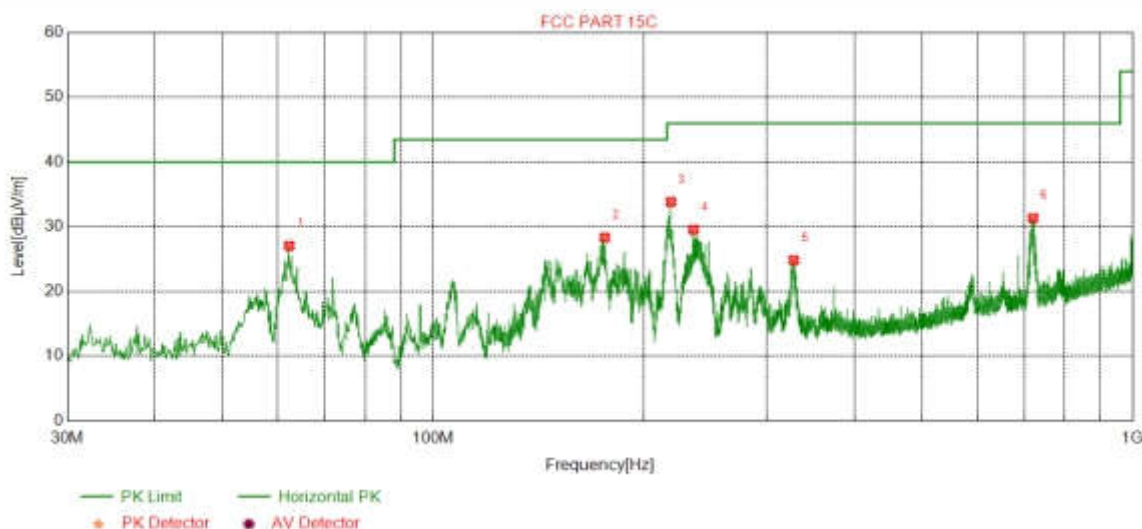
NO	Freq. [MHz]	Ant Fa ctor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dB μV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity
1	62.2072	11.03	0.91	-32.05	45.61	25.50	40.00	14.50	Pass	Horizontal
2	176.4846	8.81	1.56	-31.98	47.74	26.13	43.50	17.37	Pass	Horizontal
3	216.9377	11.34	1.75	-31.94	50.56	31.71	46.00	14.29	Pass	Horizontal
4	237.9888	11.89	1.83	-31.90	48.45	30.27	46.00	15.73	Pass	Horizontal
5	687.5318	19.70	3.14	-32.06	35.81	26.59	46.00	19.41	Pass	Horizontal
6	720.0300	20.02	3.22	-32.07	42.77	33.94	46.00	12.06	Pass	Horizontal

Mode:	802.11 ac(HT20) Transmitting	Channel:	5785
Remark:	QP		



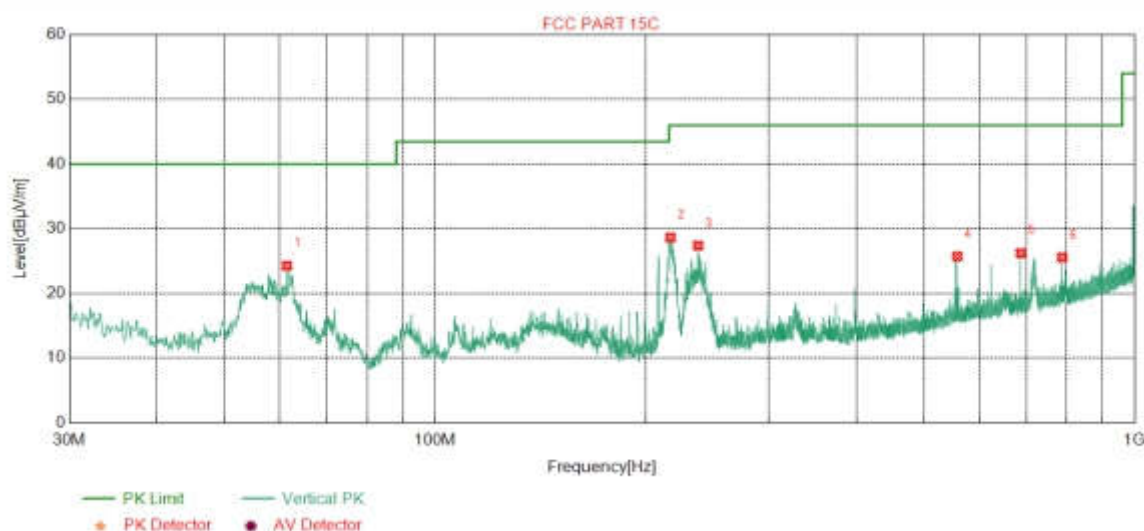
NO	Freq. [MHz]	Ant Fa ctor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dB μV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity
1	56.5807	12.15	0.86	-32.07	43.32	24.26	40.00	15.74	Pass	Vertical
2	61.8192	11.13	0.91	-32.05	43.66	23.65	40.00	16.35	Pass	Vertical
3	216.9377	11.34	1.75	-31.94	47.53	28.68	46.00	17.32	Pass	Vertical
4	236.5337	11.85	1.82	-31.90	44.76	26.53	46.00	19.47	Pass	Vertical
5	687.5318	19.70	3.14	-32.06	36.10	26.88	46.00	19.12	Pass	Vertical
6	717.7988	20.00	3.21	-32.09	34.24	25.36	46.00	20.64	Pass	Vertical

Mode:	802.11 ac(HT40) Transmitting	Channel:	5795
Remark:	QP		



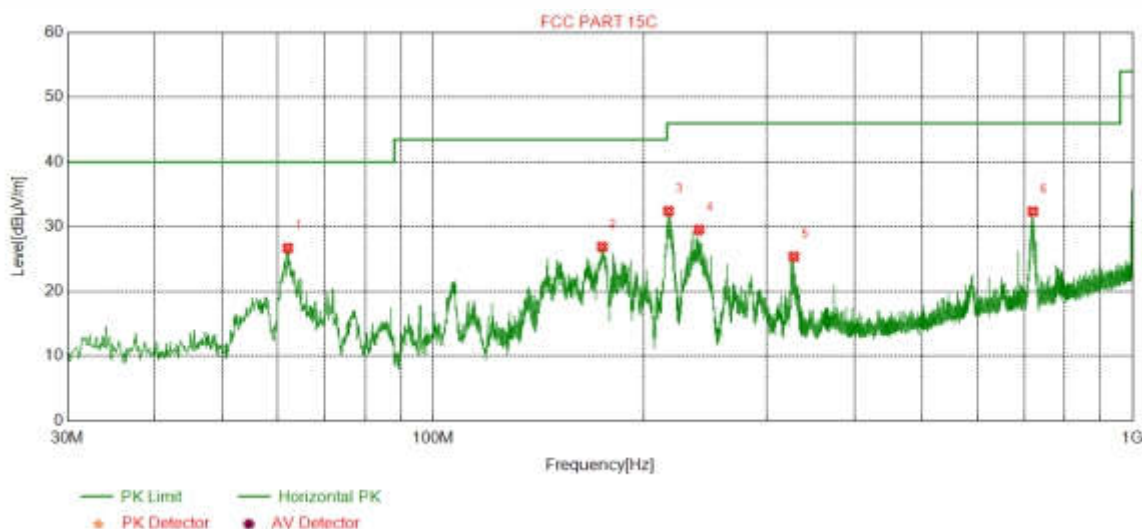
NO	Freq. [MHz]	Ant Fa ctor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dB μV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity
1	62.3042	11.00	0.91	-32.04	47.16	27.03	40.00	12.97	Pass	Horizontal
2	175.9996	8.78	1.56	-31.98	49.98	28.34	43.50	15.16	Pass	Horizontal
3	218.7809	11.39	1.76	-31.95	52.63	33.83	46.00	12.17	Pass	Horizontal
4	235.6606	11.83	1.82	-31.90	47.80	29.55	46.00	16.45	Pass	Horizontal
5	327.8198	13.81	2.15	-31.77	40.62	24.81	46.00	21.19	Pass	Horizontal
6	720.5151	20.03	3.22	-32.07	40.15	31.33	46.00	14.67	Pass	Horizontal

Mode:	802.11 ac(HT40) Transmitting	Channel:	5795
Remark:	QP		



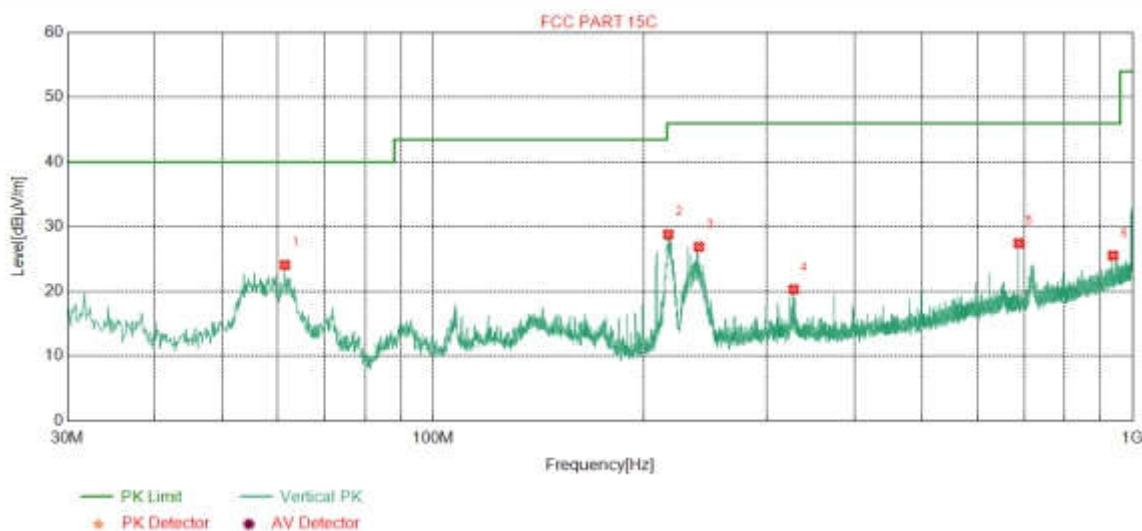
NO	Freq. [MHz]	Ant Fa ctor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dB μV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity
1	61.4311	11.23	0.91	-32.05	44.19	24.28	40.00	15.72	Pass	Vertical
2	217.0347	11.34	1.76	-31.95	47.48	28.63	46.00	17.37	Pass	Vertical
3	237.6978	11.88	1.83	-31.90	45.58	27.39	46.00	18.61	Pass	Vertical
4	557.8298	18.16	2.81	-31.98	36.73	25.72	46.00	20.28	Pass	Vertical
5	687.5318	19.70	3.14	-32.06	35.45	26.23	46.00	19.77	Pass	Vertical
6	787.7428	20.77	3.36	-31.99	33.43	25.57	46.00	20.43	Pass	Vertical

Mode:	802.11 ac(HT80) Transmitting	Channel:	5775
Remark:	QP		



NO	Freq. [MHz]	Ant Fa ctor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dB μV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity
1	62.0132	11.08	0.91	-32.05	46.75	26.69	40.00	13.31	Pass	Horizontal
2	174.5445	8.70	1.55	-31.97	48.61	26.89	43.50	16.61	Pass	Horizontal
3	217.0347	11.34	1.76	-31.95	51.27	32.42	46.00	13.58	Pass	Horizontal
4	239.9290	11.94	1.84	-31.90	47.65	29.53	46.00	16.47	Pass	Horizontal
5	327.9168	13.81	2.15	-31.77	41.17	25.36	46.00	20.64	Pass	Horizontal
6	719.9330	20.02	3.22	-32.07	41.19	32.36	46.00	13.64	Pass	Horizontal

Mode:	802.11 ac(HT80) Transmitting	Channel:	5775
Remark:	QP		



NO	Freq. [MHz]	Ant Fa ctor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dB μV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity
1	61.4311	11.23	0.91	-32.05	43.99	24.08	40.00	15.92	Pass	Vertical
2	216.8407	11.34	1.75	-31.95	47.67	28.81	46.00	17.19	Pass	Vertical
3	239.9290	11.94	1.84	-31.90	45.01	26.89	46.00	19.11	Pass	Vertical
4	327.7228	13.81	2.15	-31.78	36.13	20.31	46.00	25.69	Pass	Vertical
5	687.5318	19.70	3.14	-32.06	36.65	27.43	46.00	18.57	Pass	Vertical
6	937.5258	22.33	3.67	-31.29	30.83	25.54	46.00	20.46	Pass	Vertical

**Transmitter Emission Above 1GHz
Band-1**

Mode:		802.11a(HT20) Transmitting			Channel:				5180		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1204.0704	28.10	3.05	-42.88	60.38	48.65	74.00	25.35	Pass	H	Peak
2	2590.0000	32.54	4.79	-42.34	47.67	42.66	74.00	31.34	Pass	H	Peak
3	4077.5578	33.91	6.29	-40.81	47.66	47.05	74.00	26.95	Pass	H	Peak
4	8128.5086	36.45	6.47	-40.88	48.19	50.23	74.00	23.77	Pass	H	Peak
5	10360.0000	38.30	7.29	-40.96	44.59	49.22	74.00	24.78	Pass	H	Peak
6	15540.0000	40.98	10.10	-43.02	42.50	50.56	74.00	23.44	Pass	H	Peak
7	1197.4697	28.10	3.04	-42.89	53.12	41.37	74.00	32.63	Pass	V	Peak
8	2590.0000	32.54	4.79	-42.34	48.03	43.02	74.00	30.98	Pass	V	Peak
9	4055.0055	33.88	6.32	-40.80	47.89	47.29	74.00	26.71	Pass	V	Peak
10	9034.0023	37.69	6.78	-40.69	47.16	50.94	74.00	23.06	Pass	V	Peak
11	10360.0000	38.30	7.29	-40.96	44.90	49.53	74.00	24.47	Pass	V	Peak
12	15540.0000	40.98	10.10	-43.02	42.76	50.82	74.00	23.18	Pass	V	Peak

Mode:		802.11a(HT20) Transmitting			Channel:				5200		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1193.6194	28.09	3.04	-42.88	60.94	49.19	74.00	24.81	Pass	H	Peak
2	2600.0000	32.56	4.77	-42.34	48.90	43.89	74.00	30.11	Pass	H	Peak
3	4168.8669	34.04	6.26	-40.83	48.08	47.55	74.00	26.45	Pass	H	Peak
4	8416.0277	36.57	6.70	-40.64	47.51	50.14	74.00	23.86	Pass	H	Peak
5	10400.0000	38.36	7.54	-41.02	45.02	49.90	74.00	24.10	Pass	H	Peak
6	15600.0000	41.10	9.80	-43.06	41.83	49.67	74.00	24.33	Pass	H	Peak
7	1595.1595	29.03	3.59	-42.89	57.71	47.44	74.00	26.56	Pass	V	Peak
8	2600.0000	32.56	4.77	-42.34	51.85	46.84	74.00	27.16	Pass	V	Peak
9	4387.2387	34.34	6.72	-40.87	48.32	48.51	74.00	25.49	Pass	V	Peak
10	8496.5331	36.60	6.64	-40.56	47.33	50.01	74.00	23.99	Pass	V	Peak
11	10400.0000	38.36	7.54	-41.02	45.54	50.42	74.00	23.58	Pass	V	Peak
12	15600.0000	41.10	9.80	-43.06	42.97	50.81	74.00	23.19	Pass	V	Peak

Mode:		802.11a(HT20) Transmitting			Channel:				5240		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1195.2695	28.10	3.04	-42.89	60.01	48.26	74.00	25.74	Pass	H	Peak
2	2620.0000	32.59	4.80	-42.32	47.22	42.29	74.00	31.71	Pass	H	Peak
3	4727.7228	34.50	7.18	-40.72	47.19	48.15	74.00	25.85	Pass	H	Peak
4	8572.4382	36.76	6.58	-40.58	47.22	49.98	74.00	24.02	Pass	H	Peak
5	10480.0000	38.47	7.45	-41.15	44.17	48.94	74.00	25.06	Pass	H	Peak
6	15720.0000	41.34	10.45	-43.15	41.87	50.51	74.00	23.49	Pass	H	Peak
7	1202.9703	28.10	3.05	-42.89	52.36	40.62	74.00	33.38	Pass	V	Peak
8	2620.0000	32.59	4.80	-42.32	48.10	43.17	74.00	30.83	Pass	V	Peak
9	4550.6051	34.50	6.88	-40.87	46.70	47.21	74.00	26.79	Pass	V	Peak
10	8298.7199	36.52	6.49	-40.74	47.28	49.55	74.00	24.45	Pass	V	Peak
11	10480.0000	38.47	7.45	-41.15	44.25	49.02	74.00	24.98	Pass	V	Peak
12	15720.0000	41.34	10.45	-43.15	42.08	50.72	74.00	23.28	Pass	V	Peak

Mode:		802.11n(HT20) Transmitting			Channel:				5180		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1200.2200	28.10	3.04	-42.89	59.36	47.61	74.00	26.39	Pass	H	Peak
2	2590.0000	32.54	4.79	-42.34	47.25	42.24	74.00	31.76	Pass	H	Peak
3	4459.8460	34.44	6.65	-40.89	46.67	46.87	74.00	27.13	Pass	H	Peak
4	8399.1599	36.56	6.70	-40.65	46.09	48.70	74.00	25.30	Pass	H	Peak
5	10360.0000	38.30	7.29	-40.96	43.89	48.52	74.00	25.48	Pass	H	Peak
6	15540.0000	40.98	10.10	-43.02	42.55	50.61	74.00	23.39	Pass	H	Peak
7	1397.6898	28.30	3.33	-42.68	57.02	45.97	74.00	28.03	Pass	V	Peak
8	2590.0000	32.54	4.79	-42.34	51.94	46.93	74.00	27.07	Pass	V	Peak
9	4551.1551	34.50	6.88	-40.87	46.84	47.35	74.00	26.65	Pass	V	Peak
10	8104.7403	36.44	6.55	-40.91	47.76	49.84	74.00	24.16	Pass	V	Peak
11	10360.0000	38.30	7.29	-40.96	44.64	49.27	74.00	24.73	Pass	V	Peak
12	15540.0000	40.98	10.10	-43.02	42.70	50.76	74.00	23.24	Pass	V	Peak

Mode:		802.11n(HT20) Transmitting			Channel:				5200		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1192.5193	28.09	3.04	-42.88	58.88	47.13	74.00	26.87	Pass	H	Peak
2	2600.0000	32.56	4.77	-42.34	47.66	42.65	74.00	31.35	Pass	H	Peak
3	4121.0121	33.97	6.25	-40.81	47.35	46.76	74.00	27.24	Pass	H	Peak
4	8399.1599	36.56	6.70	-40.65	47.08	49.69	74.00	24.31	Pass	H	Peak
5	10400.0000	38.36	7.54	-41.02	44.70	49.58	74.00	24.42	Pass	H	Peak
6	15600.0000	41.10	9.80	-43.06	42.76	50.60	74.00	23.40	Pass	H	Peak
7	1200.2200	28.10	3.04	-42.89	51.89	40.14	74.00	33.86	Pass	V	Peak
8	2600.0000	32.56	4.77	-42.34	47.85	42.84	74.00	31.16	Pass	V	Peak
9	3185.9186	33.27	5.67	-42.00	51.05	47.99	74.00	26.01	Pass	V	Peak
10	8247.3498	36.50	6.43	-40.79	47.31	49.45	74.00	24.55	Pass	V	Peak
11	10400.0000	38.36	7.54	-41.02	43.97	48.85	74.00	25.15	Pass	V	Peak
12	15600.0000	41.10	9.80	-43.06	42.84	50.68	74.00	23.32	Pass	V	Peak

Mode:		802.11n(HT20) Transmitting			Channel:				5240		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1199.6700	28.10	3.04	-42.89	60.11	48.36	74.00	25.64	Pass	H	Peak
2	2620.0000	32.59	4.80	-42.32	47.29	42.36	74.00	31.64	Pass	H	Peak
3	4482.3982	34.48	6.68	-40.91	46.74	46.99	74.00	27.01	Pass	H	Peak
4	8112.4075	36.44	6.52	-40.89	46.56	48.63	74.00	25.37	Pass	H	Peak
5	10480.0000	38.47	7.45	-41.15	43.79	48.56	74.00	25.44	Pass	H	Peak
6	15720.0000	41.34	10.45	-43.15	42.22	50.86	74.00	23.14	Pass	H	Peak
7	1193.0693	28.09	3.04	-42.88	52.01	40.26	74.00	33.74	Pass	V	Peak
8	2620.0000	32.59	4.80	-42.32	47.08	42.15	74.00	31.85	Pass	V	Peak
9	3193.6194	33.28	5.71	-42.00	51.20	48.19	74.00	25.81	Pass	V	Peak
10	7675.3784	36.53	6.31	-40.85	46.51	48.50	74.00	25.50	Pass	V	Peak
11	10480.0000	38.47	7.45	-41.15	43.68	48.45	74.00	25.55	Pass	V	Peak
12	15720.0000	41.34	10.45	-43.15	42.20	50.84	74.00	23.16	Pass	V	Peak

Mode:		802.11n(HT40) Transmitting			Channel:				5190		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1196.3696	28.10	3.04	-42.89	60.23	48.48	74.00	25.52	Pass	H	Peak
2	2595.0000	32.55	4.78	-42.34	46.20	41.19	74.00	32.81	Pass	H	Peak
3	4294.8295	34.21	6.50	-40.85	45.91	45.77	74.00	28.23	Pass	H	Peak
4	8105.5070	36.44	6.54	-40.90	46.26	48.34	74.00	25.66	Pass	H	Peak
5	10380.0000	38.33	7.41	-40.99	43.70	48.45	74.00	25.55	Pass	H	Peak
6	15570.0000	41.04	10.06	-43.05	42.92	50.97	74.00	23.03	Pass	H	Peak
7	1203.5204	28.10	3.05	-42.89	52.97	41.23	74.00	32.77	Pass	V	Peak
8	2595.0000	32.55	4.78	-42.34	47.33	42.32	74.00	31.68	Pass	V	Peak
9	4310.2310	34.23	6.53	-40.85	47.04	46.95	74.00	27.05	Pass	V	Peak
10	7535.8357	36.59	6.44	-40.79	46.56	48.80	74.00	25.20	Pass	V	Peak
11	10380.0000	38.33	7.41	-40.99	44.19	48.94	74.00	25.06	Pass	V	Peak
12	15570.0000	41.04	10.06	-43.05	42.60	50.65	74.00	23.35	Pass	V	Peak

Mode:		802.11n(HT40) Transmitting			Channel:				5230		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1206.2706	28.11	3.05	-42.88	57.65	45.93	74.00	28.07	Pass	H	Peak
2	2615.0000	32.58	4.79	-42.32	47.26	42.31	74.00	31.69	Pass	H	Peak
3	4091.3091	33.93	6.26	-40.80	46.34	45.73	74.00	28.27	Pass	H	Peak
4	7962.1308	36.42	6.57	-40.98	46.45	48.46	74.00	25.54	Pass	H	Peak
5	10460.0000	38.44	7.49	-41.11	43.35	48.17	74.00	25.83	Pass	H	Peak
6	15690.0000	41.28	10.53	-43.14	42.18	50.85	74.00	23.15	Pass	H	Peak
7	1193.6194	28.09	3.04	-42.88	53.24	41.49	74.00	32.51	Pass	V	Peak
8	2615.0000	32.58	4.79	-42.32	46.80	41.85	74.00	32.15	Pass	V	Peak
9	3189.2189	33.28	5.69	-42.01	50.16	47.12	74.00	26.88	Pass	V	Peak
10	8486.5658	36.59	6.66	-40.57	46.64	49.32	74.00	24.68	Pass	V	Peak
11	10460.0000	38.44	7.49	-41.11	44.03	48.85	74.00	25.15	Pass	V	Peak
12	15690.0000	41.28	10.53	-43.14	42.00	50.67	74.00	23.33	Pass	V	Peak

Mode:		802.11ac(HT20) Transmitting			Channel:				5180		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1197.4697	28.10	3.04	-42.89	58.31	46.56	74.00	27.44	Pass	H	Peak
2	2590.0000	32.54	4.79	-42.34	47.38	42.37	74.00	31.63	Pass	H	Peak
3	3808.0308	33.65	6.15	-41.18	47.58	46.20	74.00	27.80	Pass	H	Peak
4	8241.2161	36.50	6.44	-40.79	47.38	49.53	74.00	24.47	Pass	H	Peak
5	10360.0000	38.30	7.29	-40.96	44.34	48.97	74.00	25.03	Pass	H	Peak
6	15540.0000	40.98	10.10	-43.02	42.83	50.89	74.00	23.11	Pass	H	Peak
7	1204.6205	28.10	3.05	-42.88	60.22	48.49	74.00	25.51	Pass	V	Peak
8	2600.0000	32.56	4.77	-42.34	47.01	42.00	74.00	32.00	Pass	V	Peak
9	4410.8911	34.38	6.74	-40.89	46.46	46.69	74.00	27.31	Pass	V	Peak
10	8030.3687	36.41	6.56	-40.97	47.21	49.21	74.00	24.79	Pass	V	Peak
11	10400.0000	38.36	7.54	-41.02	43.82	48.70	74.00	25.30	Pass	V	Peak
12	15600.0000	41.10	9.80	-43.06	43.04	50.88	74.00	23.12	Pass	V	Peak

Mode:		802.11ac(HT20) Transmitting			Channel:				5200		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1198.5699	28.10	3.04	-42.89	51.90	40.15	74.00	33.85	Pass	H	Peak
2	2600.0000	32.56	4.77	-42.34	51.05	46.04	74.00	27.96	Pass	H	Peak
3	4559.4059	34.50	6.86	-40.87	46.84	47.33	74.00	26.67	Pass	H	Peak
4	8501.1334	36.60	6.64	-40.56	46.42	49.10	74.00	24.90	Pass	H	Peak
5	10400.0000	38.36	7.54	-41.02	45.11	49.99	74.00	24.01	Pass	H	Peak
6	15600.0000	41.10	9.80	-43.06	42.85	50.69	74.00	23.31	Pass	H	Peak
7	1193.6194	28.09	3.04	-42.88	58.59	46.84	74.00	27.16	Pass	V	Peak
8	2620.0000	32.59	4.80	-42.32	47.21	42.28	74.00	31.72	Pass	V	Peak
9	4156.2156	34.02	6.26	-40.82	47.21	46.67	74.00	27.33	Pass	V	Peak
10	8134.6423	36.45	6.46	-40.88	47.00	49.03	74.00	24.97	Pass	V	Peak
11	10480.0000	38.47	7.45	-41.15	43.73	48.50	74.00	25.50	Pass	V	Peak
12	15720.0000	41.34	10.45	-43.15	41.84	50.48	74.00	23.52	Pass	V	Peak

Mode:		802.11ac(HT20) Transmitting			Channel:				5240		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1195.8196	28.10	3.04	-42.89	54.20	42.45	74.00	31.55	Pass	H	Peak
2	2620.0000	32.59	4.80	-42.32	48.11	43.18	74.00	30.82	Pass	H	Peak
3	4134.7635	33.99	6.26	-40.82	46.95	46.38	74.00	27.62	Pass	H	Peak
4	7914.5943	36.43	6.63	-40.96	47.09	49.19	74.00	24.81	Pass	H	Peak
5	10480.0000	38.47	7.45	-41.15	44.15	48.92	74.00	25.08	Pass	H	Peak
6	15720.0000	41.34	10.45	-43.15	42.18	50.82	74.00	23.18	Pass	H	Peak
7	1193.6194	28.09	3.04	-42.88	57.51	45.76	74.00	28.24	Pass	V	Peak
8	2595.0000	32.55	4.78	-42.34	46.09	41.08	74.00	32.92	Pass	V	Peak
9	4286.0286	34.20	6.46	-40.85	45.70	45.51	74.00	28.49	Pass	V	Peak
10	8410.6607	36.56	6.70	-40.63	45.28	47.91	74.00	26.09	Pass	V	Peak
11	10380.0000	38.33	7.41	-40.99	42.04	46.79	74.00	27.21	Pass	V	Peak
12	15570.0000	41.04	10.06	-43.05	42.70	50.75	74.00	23.25	Pass	V	Peak

Mode:		802.11ac(HT40) Transmitting			Channel:				5190		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1394.3894	28.29	3.33	-42.68	55.35	44.29	74.00	29.71	Pass	H	Peak
2	2595.0000	32.55	4.78	-42.34	48.55	43.54	74.00	30.46	Pass	H	Peak
3	3927.9428	33.74	6.25	-40.92	46.78	45.85	74.00	28.15	Pass	H	Peak
4	7498.2666	36.60	6.53	-40.77	45.74	48.10	74.00	25.90	Pass	H	Peak
5	10380.0000	38.33	7.41	-40.99	43.30	48.05	74.00	25.95	Pass	H	Peak
6	15570.0000	41.04	10.06	-43.05	42.83	50.88	74.00	23.12	Pass	H	Peak
7	1202.4202	28.10	3.05	-42.89	58.71	46.97	74.00	27.03	Pass	V	Peak
8	2615.0000	32.58	4.79	-42.32	47.12	42.17	74.00	31.83	Pass	V	Peak
9	4600.6601	34.50	6.75	-40.83	46.64	47.06	74.00	26.94	Pass	V	Peak
10	8416.7945	36.57	6.70	-40.64	46.56	49.19	74.00	24.81	Pass	V	Peak
11	10460.0000	38.44	7.49	-41.11	44.68	49.50	74.00	24.50	Pass	V	Peak
12	15690.0000	41.28	10.53	-43.14	42.17	50.84	74.00	23.16	Pass	V	Peak

Mode:		802.11ac(HT40) Transmitting			Channel:				5230		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1202.4202	28.10	3.05	-42.89	58.71	46.97	74.00	27.03	Pass	H	Peak
2	2615.0000	32.58	4.79	-42.32	47.12	42.17	74.00	31.83	Pass	H	Peak
3	4600.6601	34.50	6.75	-40.83	46.64	47.06	74.00	26.94	Pass	H	Peak
4	8416.7945	36.57	6.70	-40.64	46.56	49.19	74.00	24.81	Pass	H	Peak
5	10460.0000	38.44	7.49	-41.11	44.68	49.50	74.00	24.50	Pass	H	Peak
6	15690.0000	41.28	10.53	-43.14	42.17	50.84	74.00	23.16	Pass	H	Peak
7	1395.4895	28.30	3.33	-42.69	54.73	43.67	74.00	30.33	Pass	V	Peak
8	2615.0000	32.58	4.79	-42.32	46.78	41.83	74.00	32.17	Pass	V	Peak
9	4151.8152	34.01	6.26	-40.82	45.95	45.40	74.00	28.60	Pass	V	Peak
10	8284.9190	36.51	6.47	-40.75	46.25	48.48	74.00	25.52	Pass	V	Peak
11	10460.0000	38.44	7.49	-41.11	43.14	47.96	74.00	26.04	Pass	V	Peak
12	15690.0000	41.28	10.53	-43.14	41.13	49.80	74.00	24.20	Pass	V	Peak

Mode:		802.11ac(HT80) Transmitting			Channel:				5210		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1200.2200	28.10	3.04	-42.89	58.03	46.28	74.00	27.72	Pass	H	Peak
2	2605.0000	32.57	4.78	-42.34	47.79	42.80	74.00	31.20	Pass	H	Peak
3	4409.7910	34.37	6.74	-40.88	45.77	46.00	74.00	28.00	Pass	H	Peak
4	8397.6265	36.56	6.69	-40.65	46.11	48.71	74.00	25.29	Pass	H	Peak
5	10420.0000	38.39	7.53	-41.06	44.68	49.54	74.00	24.46	Pass	H	Peak
6	15630.0000	41.16	10.41	-43.09	41.58	50.06	74.00	23.94	Pass	H	Peak
7	1200.2200	28.10	3.04	-42.89	53.77	42.02	74.00	31.98	Pass	V	Peak
8	2605.0000	32.57	4.78	-42.34	46.03	41.04	74.00	32.96	Pass	V	Peak
9	4613.3113	34.50	6.77	-40.82	47.42	47.87	74.00	26.13	Pass	V	Peak
10	8396.8598	36.56	6.69	-40.65	47.13	49.73	74.00	24.27	Pass	V	Peak
11	10420.0000	38.39	7.53	-41.06	44.48	49.34	74.00	24.66	Pass	V	Peak
12	15630.0000	41.16	10.41	-43.09	41.96	50.44	74.00	23.56	Pass	V	Peak

Band-4

Mode:		802.11a(HT20) Transmitting			Channel:				5745		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1193.6194	28.09	2.85	-42.88	59.18	47.24	74.00	26.76	Pass	H	Peak
2	2872.5000	33.00	4.48	-42.19	46.56	41.85	74.00	32.15	Pass	H	Peak
3	4535.7536	34.50	5.82	-40.88	47.34	46.78	74.00	27.22	Pass	H	Peak
4	8457.4305	36.58	6.69	-40.59	46.12	48.80	74.00	25.20	Pass	H	Peak
5	11490.0000	38.89	7.94	-41.37	44.50	49.96	74.00	24.04	Pass	H	Peak
6	17235.0000	42.44	11.22	-43.47	40.54	50.73	74.00	23.27	Pass	H	Peak
7	1194.1694	28.09	2.85	-42.87	54.68	42.75	74.00	31.25	Pass	V	Peak
8	2872.5000	33.00	4.48	-42.19	46.99	42.28	74.00	31.72	Pass	V	Peak
9	4962.0462	34.50	6.00	-40.53	48.04	48.01	74.00	25.99	Pass	V	Peak
10	8041.8695	36.42	6.57	-40.97	47.17	49.19	74.00	24.81	Pass	V	Peak
11	11490.0000	38.89	7.94	-41.37	44.38	49.84	74.00	24.16	Pass	V	Peak
12	17235.0000	42.44	11.22	-43.47	40.63	50.82	74.00	23.18	Pass	V	Peak

Mode:		802.11a(HT20) Transmitting			Channel:				5785		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1193.6194	28.09	2.85	-42.88	58.60	46.66	74.00	27.34	Pass	H	Peak
2	2892.5000	33.03	4.47	-42.18	46.51	41.83	74.00	32.17	Pass	H	Peak
3	4782.1782	34.50	5.88	-40.68	46.48	46.18	74.00	27.82	Pass	H	Peak
4	8399.9267	36.56	6.70	-40.65	45.48	48.09	74.00	25.91	Pass	H	Peak
5	11570.0000	38.96	7.70	-41.36	43.18	48.48	74.00	25.52	Pass	H	Peak
6	17355.0000	42.56	11.03	-43.59	40.62	50.62	74.00	23.38	Pass	H	Peak
7	1195.2695	28.10	2.86	-42.89	52.89	40.96	74.00	33.04	Pass	V	Peak
8	2892.5000	33.03	4.47	-42.18	46.47	41.79	74.00	32.21	Pass	V	Peak
9	4932.8933	34.50	5.99	-40.56	47.32	47.25	74.00	26.75	Pass	V	Peak
10	8417.5612	36.57	6.70	-40.64	46.65	49.28	74.00	24.72	Pass	V	Peak
11	11570.0000	38.96	7.70	-41.36	43.79	49.09	74.00	24.91	Pass	V	Peak
12	17355.0000	42.56	11.03	-43.59	40.59	50.59	74.00	23.41	Pass	V	Peak

Mode:		802.11a(HT20) Transmitting			Channel:				5825		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1195.2695	28.10	2.86	-42.89	57.89	45.96	74.00	28.04	Pass	H	Peak
2	2912.5000	33.06	4.50	-42.17	46.05	41.44	74.00	32.56	Pass	H	Peak
3	4342.1342	34.28	5.49	-40.87	46.05	44.95	74.00	29.05	Pass	H	Peak
4	8241.9828	36.50	6.44	-40.79	46.24	48.39	74.00	25.61	Pass	H	Peak
5	11650.0000	39.02	7.54	-41.33	42.47	47.70	74.00	26.30	Pass	H	Peak
6	17475.0000	42.68	11.90	-43.70	39.64	50.52	74.00	23.48	Pass	H	Peak
7	1192.5193	28.09	2.85	-42.88	52.14	40.20	74.00	33.80	Pass	V	Peak
8	2912.5000	33.06	4.50	-42.17	45.64	41.03	74.00	32.97	Pass	V	Peak
9	4867.9868	34.50	6.19	-40.61	45.95	46.03	74.00	27.97	Pass	V	Peak
10	7637.8092	36.54	6.38	-40.83	45.37	47.46	74.00	26.54	Pass	V	Peak
11	11650.0000	39.02	7.54	-41.33	42.17	47.40	74.00	26.60	Pass	V	Peak
12	17475.0000	42.68	11.90	-43.70	39.75	50.63	74.00	23.37	Pass	V	Peak

Mode:		802.11n(HT20) Transmitting			Channel:				5745		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1193.6194	28.09	2.85	-42.88	58.41	46.47	74.00	27.53	Pass	H	Peak
2	2872.5000	33.00	4.48	-42.19	45.88	41.17	74.00	32.83	Pass	H	Peak
3	4546.7547	34.50	5.80	-40.87	45.40	44.83	74.00	29.17	Pass	H	Peak
4	8397.6265	36.56	6.69	-40.65	45.14	47.74	74.00	26.26	Pass	H	Peak
5	11490.0000	38.89	7.94	-41.37	42.88	48.34	74.00	25.66	Pass	H	Peak
6	17235.0000	42.44	11.22	-43.47	40.60	50.79	74.00	23.21	Pass	H	Peak
7	1193.0693	28.09	2.85	-42.88	54.74	42.80	74.00	31.20	Pass	V	Peak
8	2872.5000	33.00	4.48	-42.19	46.00	41.29	74.00	32.71	Pass	V	Peak
9	4785.4785	34.50	5.86	-40.68	46.68	46.36	74.00	27.64	Pass	V	Peak
10	8399.9267	36.56	6.70	-40.65	46.27	48.88	74.00	25.12	Pass	V	Peak
11	11490.0000	38.89	7.94	-41.37	43.51	48.97	74.00	25.03	Pass	V	Peak
12	17235.0000	42.44	11.22	-43.47	40.56	50.75	74.00	23.25	Pass	V	Peak

Mode:		802.11n(HT20) Transmitting			Channel:				5785		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1195.8196	28.10	2.86	-42.89	57.78	45.85	74.00	28.15	Pass	H	Peak
2	2892.5000	33.03	4.47	-42.18	46.23	41.55	74.00	32.45	Pass	H	Peak
3	4936.1936	34.50	5.99	-40.55	46.72	46.66	74.00	27.34	Pass	H	Peak
4	9890.4260	37.76	7.16	-40.50	44.97	49.39	74.00	24.61	Pass	H	Peak
5	11570.0000	38.96	7.70	-41.36	43.56	48.86	74.00	25.14	Pass	H	Peak
6	17355.0000	42.56	11.03	-43.59	40.63	50.63	74.00	23.37	Pass	H	Peak
7	1215.0715	28.12	2.87	-42.88	54.73	42.84	74.00	31.16	Pass	V	Peak
8	2892.5000	33.03	4.47	-42.18	46.28	41.60	74.00	32.40	Pass	V	Peak
9	4537.9538	34.50	5.82	-40.88	45.67	45.11	74.00	28.89	Pass	V	Peak
10	8202.1135	36.48	6.55	-40.82	45.74	47.95	74.00	26.05	Pass	V	Peak
11	11570.0000	38.96	7.70	-41.36	42.33	47.63	74.00	26.37	Pass	V	Peak
12	17355.0000	42.56	11.03	-43.59	40.68	50.68	74.00	23.32	Pass	V	Peak

Mode:		802.11n(HT20) Transmitting			Channel:				5825		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1193.6194	28.09	2.85	-42.88	57.29	45.35	74.00	28.65	Pass	H	Peak
2	2912.5000	33.06	4.50	-42.17	45.65	41.04	74.00	32.96	Pass	H	Peak
3	4852.0352	34.50	6.31	-40.62	45.34	45.53	74.00	28.47	Pass	H	Peak
4	8328.6219	36.53	6.54	-40.71	45.17	47.53	74.00	26.47	Pass	H	Peak
5	11650.0000	39.02	7.54	-41.33	43.19	48.42	74.00	25.58	Pass	H	Peak
6	17475.0000	42.68	11.90	-43.70	40.03	50.91	74.00	23.09	Pass	H	Peak
7	1195.8196	28.10	2.86	-42.89	51.93	40.00	74.00	34.00	Pass	V	Peak
8	2912.5000	33.06	4.50	-42.17	45.94	41.33	74.00	32.67	Pass	V	Peak
9	5161.7162	34.66	6.16	-40.55	45.89	46.16	74.00	27.84	Pass	V	Peak
10	9155.9104	37.67	6.62	-40.74	45.05	48.60	74.00	25.40	Pass	V	Peak
11	11650.0000	39.02	7.54	-41.33	43.16	48.39	74.00	25.61	Pass	V	Peak
12	17475.0000	42.68	11.90	-43.70	39.81	50.69	74.00	23.31	Pass	V	Peak

Mode:		802.11n(HT40) Transmitting			Channel:				5755		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1195.2695	28.10	2.86	-42.89	57.92	45.99	74.00	28.01	Pass	H	Peak
2	2877.5000	33.00	4.48	-42.18	46.79	42.09	74.00	31.91	Pass	H	Peak
3	4750.8251	34.50	6.07	-40.71	46.47	46.33	74.00	27.67	Pass	H	Peak
4	8067.9379	36.43	6.57	-40.95	46.43	48.48	74.00	25.52	Pass	H	Peak
5	11510.0000	38.91	7.91	-41.38	43.34	48.78	74.00	25.22	Pass	H	Peak
6	17265.0000	42.47	11.27	-43.51	40.11	50.34	74.00	23.66	Pass	H	Peak
7	1194.1694	28.09	2.85	-42.87	52.63	40.70	74.00	33.30	Pass	V	Peak
8	2877.5000	33.00	4.48	-42.18	47.85	43.15	74.00	30.85	Pass	V	Peak
9	4849.2849	34.50	6.32	-40.62	46.70	46.90	74.00	27.10	Pass	V	Peak
10	9178.9119	37.66	6.61	-40.74	46.20	49.73	74.00	24.27	Pass	V	Peak
11	11510.0000	38.91	7.91	-41.38	43.21	48.65	74.00	25.35	Pass	V	Peak
12	17265.0000	42.47	11.27	-43.51	40.34	50.57	74.00	23.43	Pass	V	Peak

Mode:		802.11n(HT40) Transmitting			Channel:				5795		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1197.4697	28.10	2.86	-42.89	57.87	45.94	74.00	28.06	Pass	H	Peak
2	2897.5000	33.04	4.47	-42.18	46.45	41.78	74.00	32.22	Pass	H	Peak
3	5055.0055	34.56	5.94	-40.52	46.65	46.63	74.00	27.37	Pass	H	Peak
4	8203.6469	36.48	6.55	-40.82	46.40	48.61	74.00	25.39	Pass	H	Peak
5	11590.0000	38.97	7.73	-41.35	42.49	47.84	74.00	26.16	Pass	H	Peak
6	17385.0000	42.59	10.96	-43.62	40.86	50.79	74.00	23.21	Pass	H	Peak
7	1233.7734	28.13	2.86	-42.85	51.52	39.66	74.00	34.34	Pass	V	Peak
8	2897.5000	33.04	4.47	-42.18	45.91	41.24	74.00	32.76	Pass	V	Peak
9	4895.4895	34.50	5.98	-40.59	46.14	46.03	74.00	27.97	Pass	V	Peak
10	8431.3621	36.57	6.70	-40.62	45.44	48.09	74.00	25.91	Pass	V	Peak
11	11590.0000	38.97	7.73	-41.35	43.90	49.25	74.00	24.75	Pass	V	Peak
12	17385.0000	42.59	10.96	-43.62	40.55	50.48	74.00	23.52	Pass	V	Peak

Mode:		802.11ac(HT20) Transmitting			Channel:				5745		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1193.0693	28.09	2.85	-42.88	57.15	45.21	74.00	28.79	Pass	H	Peak
2	2872.5000	33.00	4.48	-42.19	46.31	41.60	74.00	32.40	Pass	H	Peak
3	4494.4995	34.49	5.87	-40.90	46.35	45.81	74.00	28.19	Pass	H	Peak
4	8388.4259	36.56	6.67	-40.66	46.09	48.66	74.00	25.34	Pass	H	Peak
5	11490.0000	38.89	7.94	-41.37	43.75	49.21	74.00	24.79	Pass	H	Peak
6	17235.0000	42.44	11.22	-43.47	40.53	50.72	74.00	23.28	Pass	H	Peak
7	1220.0220	28.12	2.87	-42.87	53.87	41.99	74.00	32.01	Pass	V	Peak
8	2872.5000	33.00	4.48	-42.19	47.47	42.76	74.00	31.24	Pass	V	Peak
9	4881.1881	34.50	6.09	-40.60	47.13	47.12	74.00	26.88	Pass	V	Peak
10	8422.1615	36.57	6.70	-40.63	46.56	49.20	74.00	24.80	Pass	V	Peak
11	11490.0000	38.89	7.94	-41.37	43.60	49.06	74.00	24.94	Pass	V	Peak
12	17235.0000	42.44	11.22	-43.47	40.54	50.73	74.00	23.27	Pass	V	Peak

Mode:		802.11ac(HT20) Transmitting			Channel:				5785		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1200.2200	28.10	2.87	-42.89	58.07	46.15	74.00	27.85	Pass	H	Peak
2	2892.5000	33.03	4.47	-42.18	46.47	41.79	74.00	32.21	Pass	H	Peak
3	4436.7437	34.41	5.64	-40.90	45.89	45.04	74.00	28.96	Pass	H	Peak
4	7631.6754	36.55	6.44	-40.84	45.81	47.96	74.00	26.04	Pass	H	Peak
5	11570.0000	38.96	7.70	-41.36	43.88	49.18	74.00	24.82	Pass	H	Peak
6	17355.0000	42.56	11.03	-43.59	40.58	50.58	74.00	23.42	Pass	H	Peak
7	1199.1199	28.10	2.87	-42.89	53.86	41.94	74.00	32.06	Pass	V	Peak
8	2892.5000	33.03	4.47	-42.18	47.02	42.34	74.00	31.66	Pass	V	Peak
9	4882.2882	34.50	6.08	-40.60	46.56	46.54	74.00	27.46	Pass	V	Peak
10	8491.9328	36.60	6.65	-40.57	46.56	49.24	74.00	24.76	Pass	V	Peak
11	11570.0000	38.96	7.70	-41.36	44.74	50.04	74.00	23.96	Pass	V	Peak
12	17355.0000	42.56	11.03	-43.59	40.75	50.75	74.00	23.25	Pass	V	Peak

Mode:		802.11ac(HT20) Transmitting			Channel:				5825		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1198.0198	28.10	2.86	-42.88	56.37	44.45	74.00	29.55	Pass	H	Peak
2	2912.5000	33.06	4.50	-42.17	46.07	41.46	74.00	32.54	Pass	H	Peak
3	4723.8724	34.50	5.90	-40.73	46.16	45.83	74.00	28.17	Pass	H	Peak
4	7966.7311	36.41	6.57	-40.98	45.60	47.60	74.00	26.40	Pass	H	Peak
5	11650.0000	39.02	7.54	-41.33	43.52	48.75	74.00	25.25	Pass	H	Peak
6	17475.0000	42.68	11.90	-43.70	39.81	50.69	74.00	23.31	Pass	H	Peak
7	1196.9197	28.10	2.86	-42.89	51.63	39.70	74.00	34.30	Pass	V	Peak
8	2912.5000	33.06	4.50	-42.17	45.53	40.92	74.00	33.08	Pass	V	Peak
9	5280.5281	34.78	6.32	-40.58	45.75	46.27	74.00	27.73	Pass	V	Peak
10	8489.6326	36.60	6.65	-40.57	45.61	48.29	74.00	25.71	Pass	V	Peak
11	11650.0000	39.02	7.54	-41.33	41.99	47.22	74.00	26.78	Pass	V	Peak
12	17475.0000	42.68	11.90	-43.70	39.93	50.81	74.00	23.19	Pass	V	Peak

Mode:		802.11ac(HT40) Transmitting			Channel:				5755		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1198.0198	28.10	2.86	-42.88	59.53	47.61	74.00	26.39	Pass	H	Peak
2	2877.5000	33.00	4.48	-42.18	46.31	41.61	74.00	32.39	Pass	H	Peak
3	4544.0044	34.50	5.80	-40.87	47.20	46.63	74.00	27.37	Pass	H	Peak
4	8179.8787	36.47	6.50	-40.84	47.11	49.24	74.00	24.76	Pass	H	Peak
5	11510.0000	38.91	7.91	-41.38	43.58	49.02	74.00	24.98	Pass	H	Peak
6	17265.0000	42.47	11.27	-43.51	40.61	50.84	74.00	23.16	Pass	H	Peak
7	1195.2695	28.10	2.86	-42.89	52.32	40.39	74.00	33.61	Pass	V	Peak
8	2877.5000	33.00	4.48	-42.18	46.45	41.75	74.00	32.25	Pass	V	Peak
9	4837.7338	34.50	6.19	-40.63	46.27	46.33	74.00	27.67	Pass	V	Peak
10	8333.9889	36.53	6.55	-40.70	47.10	49.48	74.00	24.52	Pass	V	Peak
11	11510.0000	38.91	7.91	-41.38	43.85	49.29	74.00	24.71	Pass	V	Peak
12	17265.0000	42.47	11.27	-43.51	40.06	50.29	74.00	23.71	Pass	V	Peak

Mode:		802.11ac(HT40) Transmitting			Channel:				5795		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1195.8196	28.10	2.86	-42.89	57.09	45.16	74.00	28.84	Pass	H	Peak
2	2897.5000	33.04	4.47	-42.18	46.39	41.72	74.00	32.28	Pass	H	Peak
3	5063.2563	34.56	5.95	-40.51	47.03	47.03	74.00	26.97	Pass	H	Peak
4	8524.1349	36.65	6.66	-40.56	45.72	48.47	74.00	25.53	Pass	H	Peak
5	11590.0000	38.97	7.73	-41.35	44.55	49.90	74.00	24.10	Pass	H	Peak
6	17385.0000	42.59	10.96	-43.62	40.89	50.82	74.00	23.18	Pass	H	Peak
7	1194.7195	28.09	2.85	-42.87	52.94	41.01	74.00	32.99	Pass	V	Peak
8	2897.5000	33.04	4.47	-42.18	47.43	42.76	74.00	31.24	Pass	V	Peak
9	4855.8856	34.50	6.28	-40.61	46.12	46.29	74.00	27.71	Pass	V	Peak
10	8493.4662	36.60	6.65	-40.57	45.86	48.54	74.00	25.46	Pass	V	Peak
11	11590.0000	38.97	7.73	-41.35	43.35	48.70	74.00	25.30	Pass	V	Peak
12	17385.0000	42.59	10.96	-43.62	40.82	50.75	74.00	23.25	Pass	V	Peak

Mode:		802.11ac(HT80) Transmitting			Channel:				5775		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1193.6194	28.09	2.85	-42.88	57.56	45.62	74.00	28.38	Pass	H	Peak
2	2887.5000	33.02	4.47	-42.18	45.49	40.80	74.00	33.20	Pass	H	Peak
3	4714.5215	34.50	5.84	-40.74	46.56	46.16	74.00	27.84	Pass	H	Peak
4	7864.7577	36.45	6.54	-40.94	45.43	47.48	74.00	26.52	Pass	H	Peak
5	11550.0000	38.94	7.67	-41.36	43.92	49.17	74.00	24.83	Pass	H	Peak
6	17325.0000	42.53	11.24	-43.56	40.26	50.47	74.00	23.53	Pass	H	Peak
7	1197.4697	28.10	2.86	-42.89	53.32	41.39	74.00	32.61	Pass	V	Peak
8	2887.5000	33.02	4.47	-42.18	47.20	42.51	74.00	31.49	Pass	V	Peak
9	4634.7635	34.50	5.77	-40.80	45.97	45.44	74.00	28.56	Pass	V	Peak
10	8543.3029	36.70	6.68	-40.57	45.82	48.63	74.00	25.37	Pass	V	Peak
11	11550.0000	38.94	7.67	-41.36	43.97	49.22	74.00	24.78	Pass	V	Peak
12	17325.0000	42.53	11.24	-43.56	40.69	50.90	74.00	23.10	Pass	V	Peak

**Transmitter Emission 18GHz
Band-1**

Mode:		802.11a(HT20) Transmitting			Channel:				5180		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	20720.0000	38.72	0.00	-63.22	69.45	44.95	74.00	29.05	Pass	H	Peak
2	23736.7868	39.82	0.00	-61.06	69.43	48.19	74.00	25.81	Pass	H	Peak
3	25900.0000	40.43	0.00	-59.10	65.60	46.93	74.00	27.07	Pass	H	Peak
4	29315.1658	40.47	0.00	-60.61	68.68	48.54	74.00	25.46	Pass	H	Peak
5	31080.0000	41.34	0.00	-58.91	64.92	47.35	74.00	26.65	Pass	H	Peak
6	36260.0000	43.14	0.00	-57.95	64.50	49.69	74.00	24.31	Pass	H	Peak
7	19489.4745	38.96	0.00	-62.90	71.28	47.34	74.00	26.66	Pass	V	Peak
8	20960.0000	38.63	0.00	-63.07	68.76	44.32	74.00	29.68	Pass	V	Peak
9	26200.0000	40.40	0.00	-59.99	65.55	45.96	74.00	28.04	Pass	V	Peak
10	28214.0107	39.76	0.00	-60.27	69.33	48.82	74.00	25.18	Pass	V	Peak
11	31440.0000	41.61	0.00	-58.96	65.71	48.36	74.00	25.64	Pass	V	Peak
12	36680.0000	43.10	0.00	-57.75	64.76	50.11	74.00	23.89	Pass	V	Peak

Mode:		802.11a(HT20) Transmitting			Channel:				5200		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	18885.5443	38.76	0.00	-63.48	71.86	47.14	74.00	26.86	Pass	H	Peak
2	20800.0000	38.69	0.00	-63.05	68.63	44.27	74.00	29.73	Pass	H	Peak
3	26000.0000	40.40	0.00	-58.82	65.82	47.40	74.00	26.60	Pass	H	Peak
4	28817.9409	40.17	0.00	-60.56	68.95	48.56	74.00	25.44	Pass	H	Peak
5	31200.0000	41.43	0.00	-59.31	64.51	46.63	74.00	27.37	Pass	H	Peak
6	36400.0000	43.12	0.00	-57.71	64.56	49.97	74.00	24.03	Pass	H	Peak
7	19843.6922	38.97	0.00	-62.66	70.59	46.90	74.00	27.10	Pass	V	Peak
8	20800.0000	38.69	0.00	-63.05	69.26	44.90	74.00	29.10	Pass	V	Peak
9	26000.0000	40.40	0.00	-58.82	65.68	47.26	74.00	26.74	Pass	V	Peak
10	28459.3230	39.93	0.00	-60.65	69.34	48.62	74.00	25.38	Pass	V	Peak
11	31200.0000	41.43	0.00	-59.31	64.76	46.88	74.00	27.12	Pass	V	Peak
12	36400.0000	43.12	0.00	-57.71	64.21	49.62	74.00	24.38	Pass	V	Peak

Mode:		802.11a(HT20) Transmitting			Channel:				5240		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	20960.0000	38.63	0.00	-63.07	69.20	44.76	74.00	29.24	Pass	H	Peak
2	24422.1211	40.40	0.00	-60.22	68.95	49.13	74.00	24.87	Pass	H	Peak
3	26200.0000	40.40	0.00	-59.99	65.92	46.33	74.00	27.67	Pass	H	Peak
4	29622.0811	40.64	0.00	-59.95	68.05	48.74	74.00	25.26	Pass	H	Peak
5	31440.0000	41.61	0.00	-58.96	64.97	47.62	74.00	26.38	Pass	H	Peak
6	36680.0000	43.10	0.00	-57.75	64.04	49.39	74.00	24.61	Pass	H	Peak
7	19716.0858	38.97	0.00	-62.73	71.90	48.14	74.00	25.86	Pass	V	Peak
8	20960.0000	38.63	0.00	-63.07	68.07	43.63	74.00	30.37	Pass	V	Peak
9	26200.0000	40.40	0.00	-59.99	67.32	47.73	74.00	26.27	Pass	V	Peak
10	29567.0784	40.61	0.00	-60.01	67.84	48.44	74.00	25.56	Pass	V	Peak
11	31440.0000	41.61	0.00	-58.96	65.57	48.22	74.00	25.78	Pass	V	Peak
12	36680.0000	43.10	0.00	-57.75	64.96	50.31	74.00	23.69	Pass	V	Peak

Mode:		802.11n(HT20) Transmitting			Channel:				5180		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	19177.0589	38.96	0.00	-63.32	71.31	46.95	74.00	27.05	Pass	H	Peak
2	20720.0000	38.72	0.00	-63.22	68.32	43.82	74.00	30.18	Pass	H	Peak
3	25900.0000	40.43	0.00	-59.10	65.76	47.09	74.00	26.91	Pass	H	Peak
4	28816.8408	40.17	0.00	-60.57	69.05	48.65	74.00	25.35	Pass	H	Peak
5	31080.0000	41.34	0.00	-58.91	65.58	48.01	74.00	25.99	Pass	H	Peak
6	36260.0000	43.14	0.00	-57.95	64.93	50.12	74.00	23.88	Pass	H	Peak
7	19350.8675	38.96	0.00	-62.99	71.54	47.51	74.00	26.49	Pass	V	Peak
8	20720.0000	38.72	0.00	-63.22	67.80	43.30	74.00	30.70	Pass	V	Peak
9	25900.0000	40.43	0.00	-59.10	65.68	47.01	74.00	26.99	Pass	V	Peak
10	29178.7589	40.40	0.00	-60.66	69.48	49.22	74.00	24.78	Pass	V	Peak
11	31080.0000	41.34	0.00	-58.91	64.35	46.78	74.00	27.22	Pass	V	Peak
12	36260.0000	43.14	0.00	-57.95	64.98	50.17	74.00	23.83	Pass	V	Peak

Mode:		802.11n(HT20) Transmitting			Channel:				5200		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	18751.3376	38.52	0.00	-63.59	71.73	46.66	74.00	27.34	Pass	H	Peak
2	20800.0000	38.69	0.00	-63.05	69.61	45.25	74.00	28.75	Pass	H	Peak
3	26000.0000	40.40	0.00	-58.82	65.82	47.40	74.00	26.60	Pass	H	Peak
4	29745.2873	40.71	0.00	-60.21	68.94	49.44	74.00	24.56	Pass	H	Peak
5	31200.0000	41.43	0.00	-59.31	64.20	46.32	74.00	27.68	Pass	H	Peak
6	36400.0000	43.12	0.00	-57.71	64.78	50.19	74.00	23.81	Pass	H	Peak
7	19039.5520	38.96	0.00	-63.43	71.67	47.20	74.00	26.80	Pass	V	Peak
8	20800.0000	38.69	0.00	-63.05	68.76	44.40	74.00	29.60	Pass	V	Peak
9	26000.0000	40.40	0.00	-58.82	65.00	46.58	74.00	27.42	Pass	V	Peak
10	29576.9788	40.62	0.00	-59.98	69.15	49.79	74.00	24.21	Pass	V	Peak
11	31200.0000	41.43	0.00	-59.31	65.67	47.79	74.00	26.21	Pass	V	Peak
12	36400.0000	43.12	0.00	-57.71	64.43	49.84	74.00	24.16	Pass	V	Peak

Mode:		802.11n(HT20) Transmitting			Channel:				5240		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	19758.9879	38.97	0.00	-62.66	70.98	47.29	74.00	26.71	Pass	H	Peak
2	20960.0000	38.63	0.00	-63.07	69.16	44.72	74.00	29.28	Pass	H	Peak
3	26200.0000	40.40	0.00	-59.99	65.12	45.53	74.00	28.47	Pass	H	Peak
4	29576.9788	40.62	0.00	-59.98	67.84	48.48	74.00	25.52	Pass	H	Peak
5	31440.0000	41.61	0.00	-58.96	65.52	48.17	74.00	25.83	Pass	H	Peak
6	36680.0000	43.10	0.00	-57.75	65.09	50.44	74.00	23.56	Pass	H	Peak
7	19106.6553	38.96	0.00	-63.37	71.67	47.26	74.00	26.74	Pass	V	Peak
8	20960.0000	38.63	0.00	-63.07	68.79	44.35	74.00	29.65	Pass	V	Peak
9	26200.0000	40.40	0.00	-59.99	66.72	47.13	74.00	26.87	Pass	V	Peak
10	28095.2048	39.68	0.00	-60.14	68.83	48.37	74.00	25.63	Pass	V	Peak
11	31440.0000	41.61	0.00	-58.96	65.18	47.83	74.00	26.17	Pass	V	Peak
12	36680.0000	43.10	0.00	-57.75	63.98	49.33	74.00	24.67	Pass	V	Peak

Mode:		802.11n(HT40) Transmitting			Channel:				5190		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	19136.3568	38.96	0.00	-63.35	71.97	47.58	74.00	26.42	Pass	H	Peak
2	20760.0000	38.70	0.00	-63.13	67.98	43.55	74.00	30.45	Pass	H	Peak
3	25950.0000	40.42	0.00	-58.96	65.42	46.88	74.00	27.12	Pass	H	Peak
4	28383.4192	39.87	0.00	-60.47	68.90	48.30	74.00	25.70	Pass	H	Peak
5	31140.0000	41.38	0.00	-59.11	64.82	47.09	74.00	26.91	Pass	H	Peak
6	36330.0000	43.13	0.00	-57.83	64.92	50.22	74.00	23.78	Pass	H	Peak
7	19173.7587	38.96	0.00	-63.32	71.61	47.25	74.00	26.75	Pass	V	Peak
8	20760.0000	38.70	0.00	-63.13	67.89	43.46	74.00	30.54	Pass	V	Peak
9	25950.0000	40.42	0.00	-58.96	66.23	47.69	74.00	26.31	Pass	V	Peak
10	29626.4813	40.64	0.00	-59.95	68.53	49.22	74.00	24.78	Pass	V	Peak
11	31140.0000	41.38	0.00	-59.11	65.58	47.85	74.00	26.15	Pass	V	Peak
12	36330.0000	43.13	0.00	-57.83	64.65	49.95	74.00	24.05	Pass	V	Peak

Mode:		802.11n(HT40) Transmitting			Channel:				5230		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	19519.1760	38.97	0.00	-62.91	70.26	46.32	74.00	27.68	Pass	H	Peak
2	20920.0000	38.65	0.00	-63.07	67.95	43.53	74.00	30.47	Pass	H	Peak
3	26150.0000	40.40	0.00	-59.70	65.45	46.15	74.00	27.85	Pass	H	Peak
4	29138.0569	40.38	0.00	-60.61	69.06	48.83	74.00	25.17	Pass	H	Peak
5	31380.0000	41.56	0.00	-59.01	65.77	48.32	74.00	25.68	Pass	H	Peak
6	36610.0000	43.11	0.00	-57.32	64.95	50.74	74.00	23.26	Pass	H	Peak
7	19183.6592	38.96	0.00	-63.31	71.74	47.39	74.00	26.61	Pass	V	Peak
8	20920.0000	38.65	0.00	-63.07	68.97	44.55	74.00	29.45	Pass	V	Peak
9	26150.0000	40.40	0.00	-59.70	65.65	46.35	74.00	27.65	Pass	V	Peak
10	29177.6589	40.40	0.00	-60.66	69.24	48.98	74.00	25.02	Pass	V	Peak
11	31380.0000	41.56	0.00	-59.01	65.55	48.10	74.00	25.90	Pass	V	Peak
12	36610.0000	43.11	0.00	-57.32	65.14	50.93	74.00	23.07	Pass	V	Peak

Mode:		802.11ac(HT20) Transmitting			Channel:				5180		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	18871.2436	38.73	0.00	-63.48	72.37	47.62	74.00	26.38	Pass	H	Peak
2	20720.0000	38.72	0.00	-63.22	69.61	45.11	74.00	28.89	Pass	H	Peak
3	25900.0000	40.43	0.00	-59.10	65.39	46.72	74.00	27.28	Pass	H	Peak
4	28936.7468	40.26	0.00	-60.49	68.83	48.60	74.00	25.40	Pass	H	Peak
5	31080.0000	41.34	0.00	-58.91	64.82	47.25	74.00	26.75	Pass	H	Peak
6	36260.0000	43.14	0.00	-57.95	64.76	49.95	74.00	24.05	Pass	H	Peak
7	18797.5399	38.60	0.00	-63.49	72.08	47.19	74.00	26.81	Pass	H	Peak
8	20720.0000	38.72	0.00	-63.22	69.48	44.98	74.00	29.02	Pass	V	Peak
9	25900.0000	40.43	0.00	-59.10	65.65	46.98	74.00	27.02	Pass	V	Peak
10	29249.1625	40.44	0.00	-60.65	68.42	48.21	74.00	25.79	Pass	V	Peak
11	31080.0000	41.34	0.00	-58.91	64.92	47.35	74.00	26.65	Pass	V	Peak
12	36260.0000	43.14	0.00	-57.95	64.34	49.53	74.00	24.47	Pass	V	Peak

Mode:		802.11ac(HT20) Transmitting			Channel:				5200		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	19826.0913	38.97	0.00	-62.63	71.22	47.56	74.00	26.44	Pass	H	Peak
2	20800.0000	38.69	0.00	-63.05	69.00	44.64	74.00	29.36	Pass	H	Peak
3	26000.0000	40.40	0.00	-58.82	66.00	47.58	74.00	26.42	Pass	H	Peak
4	30263.4132	40.96	0.00	-60.38	68.70	49.28	74.00	24.72	Pass	H	Peak
5	31200.0000	41.43	0.00	-59.31	65.13	47.25	74.00	26.75	Pass	H	Peak
6	36400.0000	43.12	0.00	-57.71	64.25	49.66	74.00	24.34	Pass	H	Peak
7	18664.4332	38.37	0.00	-63.77	72.00	46.60	74.00	27.40	Pass	V	Peak
8	20800.0000	38.69	0.00	-63.05	68.55	44.19	74.00	29.81	Pass	V	Peak
9	26000.0000	40.40	0.00	-58.82	65.72	47.30	74.00	26.70	Pass	V	Peak
10	29947.6974	40.82	0.00	-59.88	68.35	49.29	74.00	24.71	Pass	V	Peak
11	31200.0000	41.43	0.00	-59.31	65.03	47.15	74.00	26.85	Pass	V	Peak
12	36400.0000	43.12	0.00	-57.71	64.46	49.87	74.00	24.13	Pass	V	Peak

Mode:		802.11ac(HT20) Transmitting			Channel:				5240		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	19734.7867	38.97	0.00	-62.70	71.58	47.85	74.00	26.15	Pass	H	Peak
2	20960.0000	38.63	0.00	-63.07	68.17	43.73	74.00	30.27	Pass	H	Peak
3	26200.0000	40.40	0.00	-59.99	65.88	46.29	74.00	27.71	Pass	H	Peak
4	28854.2427	40.20	0.00	-60.55	68.95	48.60	74.00	25.40	Pass	H	Peak
5	31440.0000	41.61	0.00	-58.96	65.38	48.03	74.00	25.97	Pass	H	Peak
6	36680.0000	43.10	0.00	-57.75	63.68	49.03	74.00	24.97	Pass	H	Peak
7	19355.2678	38.96	0.00	-62.99	71.11	47.08	74.00	26.92	Pass	V	Peak
8	20960.0000	38.63	0.00	-63.07	68.91	44.47	74.00	29.53	Pass	V	Peak
9	26200.0000	40.40	0.00	-59.99	65.39	45.80	74.00	28.20	Pass	V	Peak
10	29109.4555	40.36	0.00	-60.58	69.16	48.94	74.00	25.06	Pass	V	Peak
11	31440.0000	41.61	0.00	-58.96	65.73	48.38	74.00	25.62	Pass	V	Peak
12	36680.0000	43.10	0.00	-57.75	64.55	49.90	74.00	24.10	Pass	V	Peak

Mode:		802.11ac(HT40) Transmitting			Channel:				5190		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	19292.5646	38.96	0.00	-63.11	70.56	46.41	74.00	27.59	Pass	H	Peak
2	20760.0000	38.70	0.00	-63.13	69.47	45.04	74.00	28.96	Pass	H	Peak
3	25950.0000	40.42	0.00	-58.96	66.47	47.93	74.00	26.07	Pass	H	Peak
4	29601.1801	40.63	0.00	-59.90	69.47	50.20	74.00	23.80	Pass	H	Peak
5	31140.0000	41.38	0.00	-59.11	65.14	47.41	74.00	26.59	Pass	H	Peak
6	36330.0000	43.13	0.00	-57.83	64.35	49.65	74.00	24.35	Pass	H	Peak
7	19398.1699	38.96	0.00	-62.90	70.82	46.88	74.00	27.12	Pass	V	Peak
8	20760.0000	38.70	0.00	-63.13	67.96	43.53	74.00	30.47	Pass	V	Peak
9	25950.0000	40.42	0.00	-58.96	66.04	47.50	74.00	26.50	Pass	V	Peak
10	28434.0217	39.91	0.00	-60.58	69.25	48.58	74.00	25.42	Pass	V	Peak
11	31140.0000	41.38	0.00	-59.11	64.68	46.95	74.00	27.05	Pass	V	Peak
12	36330.0000	43.13	0.00	-57.83	64.64	49.94	74.00	24.06	Pass	V	Peak

Mode:		802.11ac(HT40) Transmitting			Channel:				5230		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	18400.4200	37.90	0.00	-63.90	72.17	46.17	74.00	27.83	Pass	H	Peak
2	20920.0000	38.65	0.00	-63.07	68.52	44.10	74.00	29.90	Pass	H	Peak
3	26150.0000	40.40	0.00	-59.70	65.41	46.11	74.00	27.89	Pass	H	Peak
4	28894.9447	40.23	0.00	-60.52	68.91	48.62	74.00	25.38	Pass	H	Peak
5	31380.0000	41.56	0.00	-59.01	65.80	48.35	74.00	25.65	Pass	H	Peak
6	36610.0000	43.11	0.00	-57.32	64.39	50.18	74.00	23.82	Pass	H	Peak
7	19482.8741	38.96	0.00	-62.90	71.80	47.86	74.00	26.14	Pass	V	Peak
8	20920.0000	38.65	0.00	-63.07	68.33	43.91	74.00	30.09	Pass	V	Peak
9	26150.0000	40.40	0.00	-59.70	66.02	46.72	74.00	27.28	Pass	V	Peak
10	28231.6116	39.77	0.00	-60.29	69.21	48.69	74.00	25.31	Pass	V	Peak
11	31380.0000	41.56	0.00	-59.01	65.07	47.62	74.00	26.38	Pass	V	Peak
12	36610.0000	43.11	0.00	-57.32	64.71	50.50	74.00	23.50	Pass	V	Peak

Mode:		802.11ac(HT80) Transmitting			Channel:				5210		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	19346.4673	38.96	0.00	-63.00	72.28	48.24	74.00	25.76	Pass	H	Peak
2	20840.0000	38.68	0.00	-63.06	69.45	45.07	74.00	28.93	Pass	H	Peak
3	26050.0000	40.40	0.00	-59.11	65.15	46.44	74.00	27.56	Pass	H	Peak
4	28857.5429	40.20	0.00	-60.54	68.62	48.28	74.00	25.72	Pass	H	Peak
5	31260.0000	41.47	0.00	-59.21	65.34	47.60	74.00	26.40	Pass	H	Peak
6	36470.0000	43.12	0.00	-57.56	64.65	50.21	74.00	23.79	Pass	H	Peak
7	18726.0363	38.48	0.00	-63.64	72.22	47.06	74.00	26.94	Pass	V	Peak
8	20840.0000	38.68	0.00	-63.06	68.05	43.67	74.00	30.33	Pass	V	Peak
9	26050.0000	40.40	0.00	-59.11	65.65	46.94	74.00	27.06	Pass	V	Peak
10	29195.2598	40.41	0.00	-60.68	69.00	48.73	74.00	25.27	Pass	V	Peak
11	31260.0000	41.47	0.00	-59.21	64.95	47.21	74.00	26.79	Pass	V	Peak
12	36470.0000	43.12	0.00	-57.56	64.97	50.53	74.00	23.47	Pass	V	Peak

Band-4

Mode:		802.11a(HT20) Transmitting			Channel:				5745		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	19523.5762	38.97	0.00	-62.91	71.48	47.54	74.00	26.46	Pass	H	Peak
2	22980.0000	38.83	0.00	-62.51	67.71	44.03	74.00	29.97	Pass	H	Peak
3	25786.1893	40.47	0.00	-59.37	68.65	49.75	74.00	24.25	Pass	H	Peak
4	28725.0000	40.11	0.00	-60.73	67.27	46.65	74.00	27.35	Pass	H	Peak
5	30990.5495	41.28	0.00	-58.66	68.19	50.81	74.00	23.19	Pass	H	Peak
6	34470.0000	42.61	0.00	-58.17	64.63	49.07	74.00	24.93	Pass	H	Peak
7	19771.0886	38.97	0.00	-62.64	72.15	48.48	74.00	25.52	Pass	V	Peak
8	22980.0000	38.83	0.00	-62.51	68.91	45.23	74.00	28.77	Pass	V	Peak
9	26928.0464	40.38	0.00	-60.13	68.74	48.99	74.00	25.01	Pass	V	Peak
10	28725.0000	40.11	0.00	-60.73	66.90	46.28	74.00	27.72	Pass	V	Peak
11	30950.9475	41.26	0.00	-58.72	67.95	50.49	74.00	23.51	Pass	V	Peak
12	34470.0000	42.61	0.00	-58.17	64.03	48.47	74.00	25.53	Pass	V	Peak

Mode:		802.11a(HT20) Transmitting			Channel:				5785		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	18979.0490	38.92	0.00	-63.46	71.93	47.39	74.00	26.61	Pass	H	Peak
2	23140.0000	39.03	0.00	-62.52	67.20	43.71	74.00	30.29	Pass	H	Peak
3	26899.4450	40.38	0.00	-60.16	68.36	48.58	74.00	25.42	Pass	H	Peak
4	28925.0000	40.25	0.00	-60.50	67.75	47.50	74.00	26.50	Pass	H	Peak
5	32841.9421	42.08	0.00	-58.55	67.21	50.74	74.00	23.26	Pass	H	Peak
6	34710.0000	42.80	0.00	-58.08	64.72	49.44	74.00	24.56	Pass	H	Peak
7	18949.3475	38.87	0.00	-63.47	72.69	48.09	74.00	25.91	Pass	V	Peak
8	23140.0000	39.03	0.00	-62.52	69.42	45.93	74.00	28.07	Pass	V	Peak
9	26402.2201	40.39	0.00	-59.83	68.62	49.18	74.00	24.82	Pass	V	Peak
10	28925.0000	40.25	0.00	-60.50	66.67	46.42	74.00	27.58	Pass	V	Peak
11	30724.3362	41.16	0.00	-59.32	68.18	50.02	74.00	23.98	Pass	V	Peak
12	34710.0000	42.80	0.00	-58.08	64.98	49.70	74.00	24.30	Pass	V	Peak

Mode:		802.11a(HT20) Transmitting			Channel:				5825		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	19152.8576	38.96	0.00	-63.34	72.16	47.78	74.00	26.22	Pass	H	Peak
2	23300.0000	39.24	0.00	-62.24	68.00	45.00	74.00	29.00	Pass	H	Peak
3	25152.5576	40.66	0.00	-59.63	68.18	49.21	74.00	24.79	Pass	H	Peak
4	29125.0000	40.37	0.00	-60.60	67.34	47.11	74.00	26.89	Pass	H	Peak
5	31485.5743	41.64	0.00	-58.93	68.00	50.71	74.00	23.29	Pass	H	Peak
6	34950.0000	43.00	0.00	-57.64	65.00	50.36	74.00	23.64	Pass	H	Peak
7	19798.5899	38.97	0.00	-62.59	71.93	48.31	74.00	25.69	Pass	V	Peak
8	23300.0000	39.24	0.00	-62.24	68.34	45.34	74.00	28.66	Pass	V	Peak
9	26996.2498	40.38	0.00	-60.06	69.01	49.33	74.00	24.67	Pass	V	Peak
10	29125.0000	40.37	0.00	-60.60	66.94	46.71	74.00	27.29	Pass	V	Peak
11	31524.0762	41.67	0.00	-58.91	67.97	50.73	74.00	23.27	Pass	V	Peak
12	34950.0000	43.00	0.00	-57.64	64.20	49.56	74.00	24.44	Pass	V	Peak

Mode:		802.11n(HT20) Transmitting			Channel:				5745		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	19582.9791	38.97	0.00	-62.91	71.85	47.91	74.00	26.09	Pass	H	Peak
2	22980.0000	38.83	0.00	-62.51	68.66	44.98	74.00	29.02	Pass	H	Peak
3	25851.0926	40.45	0.00	-59.24	68.49	49.70	74.00	24.30	Pass	H	Peak
4	28725.0000	40.11	0.00	-60.73	67.77	47.15	74.00	26.85	Pass	H	Peak
5	31714.3857	41.81	0.00	-59.01	67.33	50.13	74.00	23.87	Pass	H	Peak
6	34470.0000	42.61	0.00	-58.17	64.01	48.45	74.00	25.55	Pass	H	Peak
7	19850.2925	38.97	0.00	-62.67	72.00	48.30	74.00	25.70	Pass	V	Peak
8	22980.0000	38.83	0.00	-62.51	68.07	44.39	74.00	29.61	Pass	V	Peak
9	25946.7973	40.42	0.00	-58.97	68.72	50.17	74.00	23.83	Pass	V	Peak
10	28725.0000	40.11	0.00	-60.73	67.28	46.66	74.00	27.34	Pass	V	Peak
11	31533.9767	41.68	0.00	-58.91	67.68	50.45	74.00	23.55	Pass	V	Peak
12	34470.0000	42.61	0.00	-58.17	63.55	47.99	74.00	26.01	Pass	V	Peak

Mode:		802.11n(HT20) Transmitting			Channel:				5785		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	19318.9659	38.96	0.00	-63.06	71.50	47.40	74.00	26.60	Pass	H	Peak
2	23140.0000	39.03	0.00	-62.52	67.34	43.85	74.00	30.15	Pass	H	Peak
3	26039.2020	40.40	0.00	-59.05	68.36	49.71	74.00	24.29	Pass	H	Peak
4	28925.0000	40.25	0.00	-60.50	67.20	46.95	74.00	27.05	Pass	H	Peak
5	31047.7524	41.32	0.00	-58.80	67.75	50.27	74.00	23.73	Pass	H	Peak
6	34710.0000	42.80	0.00	-58.08	64.30	49.02	74.00	24.98	Pass	H	Peak
7	19359.6680	38.96	0.00	-62.98	72.64	48.62	74.00	25.38	Pass	V	Peak
8	23140.0000	39.03	0.00	-62.52	66.78	43.29	74.00	30.71	Pass	V	Peak
9	26587.0294	40.39	0.00	-59.80	68.44	49.03	74.00	24.97	Pass	V	Peak
10	28925.0000	40.25	0.00	-60.50	66.90	46.65	74.00	27.35	Pass	V	Peak
11	31417.3709	41.59	0.00	-58.97	68.21	50.83	74.00	23.17	Pass	V	Peak
12	34710.0000	42.80	0.00	-58.08	64.36	49.08	74.00	24.92	Pass	V	Peak

Mode:		802.11n(HT20) Transmitting			Channel:				5825		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	19415.7708	38.96	0.00	-62.90	71.34	47.40	74.00	26.60	Pass	H	Peak
2	23300.0000	39.24	0.00	-62.24	68.31	45.31	74.00	28.69	Pass	H	Peak
3	25907.1954	40.43	0.00	-59.08	67.92	49.27	74.00	24.73	Pass	H	Peak
4	29125.0000	40.37	0.00	-60.60	67.06	46.83	74.00	27.17	Pass	H	Peak
5	31386.5693	41.57	0.00	-59.01	67.72	50.28	74.00	23.72	Pass	H	Peak
6	34950.0000	43.00	0.00	-57.64	64.21	49.57	74.00	24.43	Pass	H	Peak
7	19904.1952	38.97	0.00	-62.76	71.56	47.77	74.00	26.23	Pass	V	Peak
8	23300.0000	39.24	0.00	-62.24	68.02	45.02	74.00	28.98	Pass	V	Peak
9	25919.2960	40.43	0.00	-59.05	67.86	49.24	74.00	24.76	Pass	V	Peak
10	29125.0000	40.37	0.00	-60.60	66.09	45.86	74.00	28.14	Pass	V	Peak
11	31016.9508	41.29	0.00	-58.69	67.80	50.40	74.00	23.60	Pass	V	Peak
12	34950.0000	43.00	0.00	-57.64	64.70	50.06	74.00	23.94	Pass	V	Peak

Mode:		802.11n(HT40) Transmitting			Channel:				5755		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	19041.7521	38.96	0.00	-63.43	71.75	47.28	74.00	26.72	Pass	H	Peak
2	23020.0000	38.87	0.00	-62.46	67.67	44.08	74.00	29.92	Pass	H	Peak
3	25974.2987	40.41	0.00	-58.89	67.95	49.47	74.00	24.53	Pass	H	Peak
4	28775.0000	40.14	0.00	-60.63	67.14	46.65	74.00	27.35	Pass	H	Peak
5	31343.6672	41.53	0.00	-59.07	67.78	50.24	74.00	23.76	Pass	H	Peak
6	34530.0000	42.66	0.00	-57.94	63.02	47.74	74.00	26.26	Pass	H	Peak
7	19268.3634	38.96	0.00	-63.16	72.34	48.14	74.00	25.86	Pass	V	Peak
8	23020.0000	38.87	0.00	-62.46	67.56	43.97	74.00	30.03	Pass	V	Peak
9	26039.2020	40.40	0.00	-59.05	67.92	49.27	74.00	24.73	Pass	V	Peak
10	28775.0000	40.14	0.00	-60.63	68.53	48.04	74.00	25.96	Pass	V	Peak
11	31755.0878	41.84	0.00	-59.07	67.27	50.04	74.00	23.96	Pass	V	Peak
12	34530.0000	42.66	0.00	-57.94	62.70	47.42	74.00	26.58	Pass	V	Peak

Mode:		802.11n(HT40) Transmitting			Channel:				5795		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	19211.1606	38.96	0.00	-63.28	72.42	48.10	74.00	25.90	Pass	H	Peak
2	23180.0000	39.08	0.00	-62.54	67.24	43.78	74.00	30.22	Pass	H	Peak
3	25849.9925	40.45	0.00	-59.24	68.00	49.21	74.00	24.79	Pass	H	Peak
4	28975.0000	40.28	0.00	-60.46	66.62	46.44	74.00	27.56	Pass	H	Peak
5	31700.0850	41.80	0.00	-59.00	67.96	50.76	74.00	23.24	Pass	H	Peak
6	34770.0000	42.85	0.00	-58.31	63.99	48.53	74.00	25.47	Pass	H	Peak
7	19076.9538	38.96	0.00	-63.40	72.03	47.59	74.00	26.41	Pass	V	Peak
8	23180.0000	39.08	0.00	-62.54	67.84	44.38	74.00	29.62	Pass	V	Peak
9	25940.1970	40.42	0.00	-58.99	68.20	49.63	74.00	24.37	Pass	V	Peak
10	28975.0000	40.28	0.00	-60.46	66.63	46.45	74.00	27.55	Pass	V	Peak
11	31694.5847	41.79	0.00	-58.98	67.79	50.60	74.00	23.40	Pass	V	Peak
12	34770.0000	42.85	0.00	-58.31	63.85	48.39	74.00	25.61	Pass	V	Peak

Mode:		802.11ac(HT20) Transmitting			Channel:				5745		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	19562.0781	38.97	0.00	-62.91	71.46	47.52	74.00	26.48	Pass	H	Peak
2	22980.0000	38.83	0.00	-62.51	67.77	44.09	74.00	29.91	Pass	H	Peak
3	25969.8985	40.41	0.00	-58.90	67.43	48.94	74.00	25.06	Pass	H	Peak
4	28725.0000	40.11	0.00	-60.73	66.89	46.27	74.00	27.73	Pass	H	Peak
5	32770.4385	42.07	0.00	-58.46	66.77	50.38	74.00	23.62	Pass	H	Peak
6	34470.0000	42.61	0.00	-58.17	64.31	48.75	74.00	25.25	Pass	H	Peak
7	18412.5206	37.92	0.00	-63.90	73.71	47.73	74.00	26.27	Pass	V	Peak
8	22980.0000	38.83	0.00	-62.51	68.19	44.51	74.00	29.49	Pass	V	Peak
9	25985.2993	40.40	0.00	-58.86	67.42	48.96	74.00	25.04	Pass	V	Peak
10	28725.0000	40.11	0.00	-60.73	67.12	46.50	74.00	27.50	Pass	V	Peak
11	31822.1911	41.89	0.00	-59.09	67.39	50.19	74.00	23.81	Pass	V	Peak
12	34470.0000	42.61	0.00	-58.17	64.18	48.62	74.00	25.38	Pass	V	Peak

Mode:		802.11ac(HT20) Transmitting			Channel:				5785		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	19731.4866	38.97	0.00	-62.70	71.66	47.93	74.00	26.07	Pass	H	Peak
2	23140.0000	39.03	0.00	-62.52	68.34	44.85	74.00	29.15	Pass	H	Peak
3	25468.2734	40.56	0.00	-59.68	68.10	48.98	74.00	25.02	Pass	H	Peak
4	28925.0000	40.25	0.00	-60.50	65.92	45.67	74.00	28.33	Pass	H	Peak
5	31653.8827	41.76	0.00	-58.93	67.14	49.97	74.00	24.03	Pass	H	Peak
6	34710.0000	42.80	0.00	-58.08	64.17	48.89	74.00	25.11	Pass	H	Peak
7	18816.2408	38.63	0.00	-63.48	71.55	46.70	74.00	27.30	Pass	V	Peak
8	23140.0000	39.03	0.00	-62.52	67.70	44.21	74.00	29.79	Pass	V	Peak
9	26027.1014	40.40	0.00	-58.98	68.05	49.47	74.00	24.53	Pass	V	Peak
10	28925.0000	40.25	0.00	-60.50	65.74	45.49	74.00	28.51	Pass	V	Peak
11	32123.6062	42.03	0.00	-58.72	66.93	50.24	74.00	23.76	Pass	V	Peak
12	34710.0000	42.80	0.00	-58.08	65.20	49.92	74.00	24.08	Pass	V	Peak

Mode:		802.11ac(HT20) Transmitting			Channel:				5825		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	19412.4706	38.96	0.00	-62.90	71.66	47.72	74.00	26.28	Pass	H	Peak
2	23300.0000	39.24	0.00	-62.24	67.52	44.52	74.00	29.48	Pass	H	Peak
3	25202.0601	40.65	0.00	-59.49	68.01	49.17	74.00	24.83	Pass	H	Peak
4	29125.0000	40.37	0.00	-60.60	66.86	46.63	74.00	27.37	Pass	H	Peak
5	31670.3835	41.78	0.00	-58.96	67.56	50.38	74.00	23.62	Pass	H	Peak
6	34950.0000	43.00	0.00	-57.64	64.70	50.06	74.00	23.94	Pass	H	Peak
7	18756.8378	38.53	0.00	-63.58	72.89	47.84	74.00	26.16	Pass	V	Peak
8	23300.0000	39.24	0.00	-62.24	68.15	45.15	74.00	28.85	Pass	V	Peak
9	25208.6604	40.65	0.00	-59.50	68.00	49.15	74.00	24.85	Pass	V	Peak
10	29125.0000	40.37	0.00	-60.60	66.59	46.36	74.00	27.64	Pass	V	Peak
11	31619.7810	41.74	0.00	-58.90	67.40	50.24	74.00	23.76	Pass	V	Peak
12	34950.0000	43.00	0.00	-57.64	64.92	50.28	74.00	23.72	Pass	V	Peak

Mode:		802.11ac(HT40) Transmitting			Channel:				5755		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	19888.7944	38.97	0.00	-62.73	72.34	48.58	74.00	25.42	Pass	H	Peak
2	23020.0000	38.87	0.00	-62.46	67.13	43.54	74.00	30.46	Pass	H	Peak
3	26541.9271	40.39	0.00	-59.81	68.49	49.07	74.00	24.93	Pass	H	Peak
4	28775.0000	40.14	0.00	-60.63	67.05	46.56	74.00	27.44	Pass	H	Peak
5	31729.7865	41.82	0.00	-59.03	67.07	49.86	74.00	24.14	Pass	H	Peak
6	34530.0000	42.66	0.00	-57.94	63.24	47.96	74.00	26.04	Pass	H	Peak
7	18954.8477	38.88	0.00	-63.47	72.59	48.00	74.00	26.00	Pass	V	Peak
8	23020.0000	38.87	0.00	-62.46	67.56	43.97	74.00	30.03	Pass	V	Peak
9	26958.8479	40.38	0.00	-60.10	68.83	49.11	74.00	24.89	Pass	V	Peak
10	28775.0000	40.14	0.00	-60.63	66.95	46.46	74.00	27.54	Pass	V	Peak
11	31717.6859	41.81	0.00	-59.02	67.19	49.98	74.00	24.02	Pass	V	Peak
12	34530.0000	42.66	0.00	-57.94	63.31	48.03	74.00	25.97	Pass	V	Peak

Mode:		802.11ac(HT40) Transmitting			Channel:				5795		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	18815.1408	38.63	0.00	-63.48	71.99	47.14	74.00	26.86	Pass	H	Peak
2	23180.0000	39.08	0.00	-62.54	68.05	44.59	74.00	29.41	Pass	H	Peak
3	26316.4158	40.39	0.00	-59.89	68.69	49.19	74.00	24.81	Pass	H	Peak
4	28975.0000	40.28	0.00	-60.46	66.18	46.00	74.00	28.00	Pass	H	Peak
5	31041.1521	41.31	0.00	-58.78	67.25	49.78	74.00	24.22	Pass	H	Peak
6	34770.0000	42.85	0.00	-58.31	63.92	48.46	74.00	25.54	Pass	H	Peak
7	19423.4712	38.96	0.00	-62.90	71.79	47.85	74.00	26.15	Pass	V	Peak
8	23180.0000	39.08	0.00	-62.54	67.48	44.02	74.00	29.98	Pass	V	Peak
9	25176.7588	40.66	0.00	-59.56	67.56	48.66	74.00	25.34	Pass	V	Peak
10	28975.0000	40.28	0.00	-60.46	66.21	46.03	74.00	27.97	Pass	V	Peak
11	31053.2527	41.32	0.00	-58.82	67.32	49.82	74.00	24.18	Pass	V	Peak
12	34770.0000	42.85	0.00	-58.31	64.68	49.22	74.00	24.78	Pass	V	Peak

Mode:		802.11ac(HT80) Transmitting			Channel:				5775		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	19049.4525	38.96	0.00	-63.42	72.92	48.46	74.00	25.54	Pass	H	Peak
2	23100.0000	38.97	0.00	-62.50	66.91	43.38	74.00	30.62	Pass	H	Peak
3	24947.9474	40.68	0.00	-60.19	68.66	49.15	74.00	24.85	Pass	H	Peak
4	28875.0000	40.21	0.00	-60.53	66.70	46.38	74.00	27.62	Pass	H	Peak
5	31767.1884	41.85	0.00	-59.08	67.47	50.24	74.00	23.76	Pass	H	Peak
6	34650.0000	42.75	0.00	-57.86	64.03	48.92	74.00	25.08	Pass	H	Peak
7	19098.9549	38.96	0.00	-63.38	71.46	47.04	74.00	26.96	Pass	V	Peak
8	23100.0000	38.97	0.00	-62.50	67.47	43.94	74.00	30.06	Pass	V	Peak
9	25182.2591	40.65	0.00	-59.53	67.84	48.96	74.00	25.04	Pass	V	Peak
10	28875.0000	40.21	0.00	-60.53	65.33	45.01	74.00	28.99	Pass	V	Peak
11	30989.4495	41.28	0.00	-58.66	67.77	50.39	74.00	23.61	Pass	V	Peak
12	34650.0000	42.75	0.00	-57.86	64.36	49.25	74.00	24.75	Pass	V	Peak

Note:

1) Through Pre-scan transmitting mode with all kind of modulation and data rate, find the MCS0 is the worst case of 802.11a; MCS0 is the worst case of 802.11n(20M)(40M); MCS0 is the worst case of 802.11ac(20M)(40M)(80M); and then Only the worst case is recorded in the report.

2) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Final Test Level = Receiver Reading - Correct Factor

Correct Factor = Preamplifier Factor - Antenna Factor - Cable Factor

3) Scan from 9kHz to 40GHz, the disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.

Appendix L): Unwanted Emissions that fall Outside of the Restricted Bands

Receiver Setup:	Frequency	Detector	RBW	VBW	Remark
	Above 1GHz	Peak	1MHz	3MHz	Peak
Test Procedure:					
a) The EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation. b) The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. c) The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement. d) For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading. e) The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. f) Place a marker at the end of the restricted band closest to the transmit frequency to show compliance. Also measure any emissions in the restricted bands. Save the spectrum analyzer plot. Repeat for each power and modulation for lowest and highest channel j) Test the EUT in the lowest channel or/and the middle channel ,the Highest channel h) The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is worse case. i) Repeat above procedures until all frequencies measured was complete.					
Limit:	Transmitter Operation Frequency(MHz)	Limit (EIRP)	Limit (dBμV/m)@3m	Measurement distance (cm)	
	5150-5350	-27dBm/MHz	68.2dBuV/m	3	
	5470-5725	-27dBm/MHz	68.2dBuV/m	3	
	5725-5850	-27 (dBm/MHz) * ¹⁾	68.2dBuV/m	3	
		10 (dBm/MHz) * ²⁾	105.2dBuV/m	3	
		15.6 (dBm/MHz) * ³⁾	110.8dBuV/m	3	
		27 (dBm/MHz) * ⁴⁾	122.2dBuV/m	3	
	Note: * ¹⁾ :beyond 75 MHz or more above of the band edge. * ²⁾ :below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above. * ³⁾ :below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above. * ⁴⁾ :from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.				
Test result:	PASS				

Test Data:
Band-1

Mode:		802.11a(HT20) Transmitting			Channel:				5180		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1201.8702	28.10	3.04	-42.88	61.09	49.35	68.20	18.85	Pass	H	Peak
2	1996.6997	31.68	4.13	-42.61	54.57	47.77	68.20	20.43	Pass	H	Peak
3	6123.7624	35.82	8.48	-41.11	47.47	50.66	68.20	17.54	Pass	H	Peak
4	9851.3234	37.74	7.25	-40.54	46.15	50.60	68.20	17.60	Pass	H	Peak
5	14217.0145	39.92	9.11	-41.71	48.11	55.43	68.20	12.77	Pass	H	Peak
6	17003.2669	42.20	11.61	-43.25	47.93	58.49	68.20	9.71	Pass	H	Peak
7	1125.4125	28.03	2.96	-42.77	53.32	41.54	68.20	26.66	Pass	V	Peak
8	2075.9076	31.81	4.43	-42.59	52.03	45.68	68.20	22.52	Pass	V	Peak
9	3075.3575	33.23	5.51	-42.08	50.18	46.84	68.20	21.36	Pass	V	Peak
10	6139.7140	35.83	8.55	-41.12	47.71	50.97	68.20	17.23	Pass	V	Peak
11	9110.6740	37.68	6.64	-40.72	47.18	50.78	68.20	17.42	Pass	V	Peak
12	17030.1020	42.23	11.51	-43.28	47.85	58.31	68.20	9.89	Pass	V	Peak

Mode:		802.11a(HT20) Transmitting			Channel:				5200		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1204.6205	28.10	3.05	-42.88	61.23	49.50	68.20	18.70	Pass	H	Peak
2	3075.3575	33.23	5.51	-42.08	49.74	46.40	68.20	21.80	Pass	H	Peak
3	5816.2816	35.51	8.36	-40.93	47.05	49.99	68.20	18.21	Pass	H	Peak
4	8963.4642	37.62	6.84	-40.67	46.71	50.50	68.20	17.70	Pass	H	Peak
5	10315.9544	38.24	7.19	-40.89	47.77	52.31	68.20	15.89	Pass	H	Peak
6	17530.0020	42.68	12.41	-43.70	48.36	59.75	68.20	8.45	Pass	H	Peak
7	1199.1199	28.10	3.04	-42.89	53.29	41.54	68.20	26.66	Pass	V	Peak
8	2070.4070	31.80	4.39	-42.58	52.30	45.91	68.20	22.29	Pass	V	Peak
9	3082.5083	33.23	5.51	-42.06	49.70	46.38	68.20	21.82	Pass	V	Peak
10	6180.9681	35.84	8.46	-41.13	47.73	50.90	68.20	17.30	Pass	V	Peak
11	8857.6572	37.39	6.85	-40.65	46.19	49.78	68.20	18.42	Pass	V	Peak
12	17545.3364	42.66	12.50	-43.67	47.63	59.12	68.20	9.08	Pass	V	Peak

Mode:		802.11a(HT20) Transmitting			Channel:				5240		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1201.8702	28.10	3.04	-42.88	60.74	49.00	68.20	19.20	Pass	H	Peak
2	3072.0572	33.23	5.50	-42.08	50.01	46.66	68.20	21.54	Pass	H	Peak
3	5858.6359	35.57	8.37	-40.96	47.18	50.16	68.20	18.04	Pass	H	Peak
4	9093.0395	37.68	6.66	-40.71	48.25	51.88	68.20	16.32	Pass	H	Peak
5	10259.9840	38.16	7.26	-40.80	47.56	52.18	68.20	16.02	Pass	H	Peak
6	17529.2353	42.68	12.40	-43.69	48.31	59.70	68.20	8.50	Pass	H	Peak
7	1199.6700	28.10	3.04	-42.89	53.24	41.49	68.20	26.71	Pass	V	Peak
8	2130.3630	31.88	4.43	-42.55	51.94	45.70	68.20	22.50	Pass	V	Peak
9	3199.1199	33.28	5.75	-42.01	50.53	47.55	68.20	20.65	Pass	V	Peak
10	5920.2420	35.67	8.17	-41.02	47.83	50.65	68.20	17.55	Pass	V	Peak
11	9106.8405	37.68	6.65	-40.72	47.35	50.96	68.20	17.24	Pass	V	Peak
12	17553.7703	42.66	12.51	-43.67	47.71	59.21	68.20	8.99	Pass	V	Peak

Mode:		802.11n(HT20) Transmitting			Channel:				5180		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1193.6194	28.09	3.04	-42.88	61.59	49.84	68.20	18.36	Pass	H	Peak
2	3075.3575	33.23	5.51	-42.08	50.21	46.87	68.20	21.33	Pass	H	Peak
3	6320.1320	35.86	8.55	-41.15	48.04	51.30	68.20	16.90	Pass	H	Peak
4	9053.1702	37.69	6.74	-40.70	47.00	50.73	68.20	17.47	Pass	H	Peak
5	10215.5144	38.10	7.16	-40.74	47.87	52.39	68.20	15.81	Pass	H	Peak
6	17560.6707	42.65	12.47	-43.66	48.53	59.99	68.20	8.21	Pass	H	Peak
7	1193.6194	28.09	3.04	-42.88	53.40	41.65	68.20	26.55	Pass	V	Peak
8	1905.9406	31.08	4.19	-42.66	53.30	45.91	68.20	22.29	Pass	V	Peak
9	3193.0693	33.28	5.71	-42.01	50.53	47.51	68.20	20.69	Pass	V	Peak
10	6140.8141	35.83	8.55	-41.12	48.01	51.27	68.20	16.93	Pass	V	Peak
11	9106.0737	37.68	6.65	-40.72	47.21	50.82	68.20	17.38	Pass	V	Peak
12	16997.8999	42.20	11.61	-43.26	48.76	59.31	68.20	8.89	Pass	V	Peak

Mode:		802.11n(HT20) Transmitting			Channel:				5200		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1204.0704	28.10	3.05	-42.88	62.32	50.59	68.20	17.61	Pass	H	Peak
2	2125.9626	31.88	4.45	-42.56	50.24	44.01	68.20	24.19	Pass	H	Peak
3	3076.4576	33.23	5.51	-42.08	50.30	46.96	68.20	21.24	Pass	H	Peak
4	6205.1705	35.84	8.36	-41.13	47.57	50.64	68.20	17.56	Pass	H	Peak
5	10417.9279	38.39	7.53	-41.06	47.42	52.28	68.20	15.92	Pass	H	Peak
6	16984.8657	42.20	11.52	-43.26	48.09	58.55	68.20	9.65	Pass	H	Peak
7	1195.8196	28.10	3.04	-42.89	52.98	41.23	68.20	26.97	Pass	V	Peak
8	2070.4070	31.80	4.39	-42.58	51.72	45.33	68.20	22.87	Pass	V	Peak
9	2944.9945	33.11	5.26	-42.15	49.67	45.89	68.20	22.31	Pass	V	Peak
10	6155.1155	35.83	8.57	-41.12	47.28	50.56	68.20	17.64	Pass	V	Peak
11	10207.8472	38.09	7.13	-40.73	47.49	51.98	68.20	16.22	Pass	V	Peak
12	17519.2680	42.68	12.34	-43.70	48.06	59.38	68.20	8.82	Pass	V	Peak

Mode:		802.11n(HT20) Transmitting			Channel:				5240		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1208.4708	28.11	3.06	-42.88	60.38	48.67	68.20	19.53	Pass	H	Peak
2	2191.4191	31.97	4.38	-42.53	51.70	45.52	68.20	22.68	Pass	H	Peak
3	3083.0583	33.23	5.51	-42.06	49.92	46.60	68.20	21.60	Pass	H	Peak
4	6076.4576	35.82	8.32	-41.11	47.69	50.72	68.20	17.48	Pass	H	Peak
5	8963.4642	37.62	6.84	-40.67	47.57	51.36	68.20	16.84	Pass	H	Peak
6	17549.9367	42.66	12.53	-43.67	47.83	59.35	68.20	8.85	Pass	H	Peak
7	1202.9703	28.10	3.05	-42.89	53.65	41.91	68.20	26.29	Pass	V	Peak
8	3185.9186	33.27	5.67	-42.00	52.41	49.35	68.20	18.85	Pass	V	Peak
9	6218.3718	35.84	8.32	-41.13	48.17	51.20	68.20	17.00	Pass	V	Peak
10	8147.6765	36.46	6.42	-40.87	48.18	50.19	68.20	18.01	Pass	V	Peak
11	10361.9575	38.31	7.30	-40.97	47.44	52.08	68.20	16.12	Pass	V	Peak
12	17526.9351	42.68	12.39	-43.70	48.77	60.14	68.20	8.06	Pass	V	Peak

Mode:		802.11n(HT40) Transmitting			Channel:				5190		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1204.0704	28.10	3.05	-42.88	59.29	47.56	68.20	20.64	Pass	H	Peak
2	2231.0231	32.02	4.45	-42.51	51.86	45.82	68.20	22.38	Pass	H	Peak
3	3263.4763	33.31	5.52	-41.97	49.91	46.77	68.20	21.43	Pass	H	Peak
4	5977.4477	35.76	8.16	-41.06	47.91	50.77	68.20	17.43	Pass	H	Peak
5	9182.7455	37.66	6.61	-40.75	48.11	51.63	68.20	16.57	Pass	H	Peak
6	16977.9652	42.20	11.47	-43.26	48.79	59.20	68.20	9.00	Pass	H	Peak
7	1196.3696	28.10	3.04	-42.89	53.66	41.91	68.20	26.29	Pass	V	Peak
8	2160.0660	31.92	4.35	-42.54	51.10	44.83	68.20	23.37	Pass	V	Peak
9	3194.1694	33.28	5.72	-42.01	50.79	47.78	68.20	20.42	Pass	V	Peak
10	5863.5864	35.58	8.35	-40.96	48.25	51.22	68.20	16.98	Pass	V	Peak
11	9002.5668	37.70	6.83	-40.69	46.72	50.56	68.20	17.64	Pass	V	Peak
12	17567.5712	42.65	12.42	-43.65	47.80	59.22	68.20	8.98	Pass	V	Peak

Mode:		802.11n(HT40) Transmitting			Channel:				5230		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1206.8207	28.11	3.06	-42.89	60.15	48.43	68.20	19.77	Pass	H	Peak
2	2194.1694	31.97	4.38	-42.52	51.41	45.24	68.20	22.96	Pass	H	Peak
3	6336.0836	35.87	8.63	-41.16	47.45	50.79	68.20	17.41	Pass	H	Peak
4	9011.0007	37.70	6.81	-40.68	47.12	50.95	68.20	17.25	Pass	H	Peak
5	10679.3786	38.54	7.29	-41.16	48.14	52.81	68.20	15.39	Pass	H	Peak
6	17598.2399	42.62	12.24	-43.62	47.71	58.95	68.20	9.25	Pass	H	Peak
7	1146.8647	28.05	3.01	-42.81	54.43	42.68	68.20	25.52	Pass	V	Peak
8	2119.3619	31.87	4.47	-42.56	51.20	44.98	68.20	23.22	Pass	V	Peak
9	3196.9197	33.28	5.73	-42.00	50.46	47.47	68.20	20.73	Pass	V	Peak
10	8991.0661	37.68	6.83	-40.67	47.03	50.87	68.20	17.33	Pass	V	Peak
11	10360.4240	38.30	7.29	-40.96	47.43	52.06	68.20	16.14	Pass	V	Peak
12	17535.3690	42.67	12.44	-43.68	48.01	59.44	68.20	8.76	Pass	V	Peak

Mode:		802.11ac(HT20) Transmitting			Channel:				5180		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1204.0704	28.10	3.05	-42.88	60.31	48.58	68.20	19.62	Pass	H	Peak
2	3331.6832	33.33	5.55	-41.91	50.16	47.13	68.20	21.07	Pass	H	Peak
3	6193.6194	35.84	8.41	-41.13	47.55	50.67	68.20	17.53	Pass	H	Peak
4	9066.2044	37.69	6.72	-40.71	47.96	51.66	68.20	16.54	Pass	H	Peak
5	10197.1131	38.08	7.10	-40.71	47.26	51.73	68.20	16.47	Pass	H	Peak
6	17512.3675	42.69	12.30	-43.71	48.09	59.37	68.20	8.83	Pass	H	Peak
7	1193.0693	28.09	3.04	-42.88	53.07	41.32	68.20	26.88	Pass	V	Peak
8	2037.9538	31.75	4.24	-42.59	51.81	45.21	68.20	22.99	Pass	V	Peak
9	2997.7998	33.20	5.32	-42.13	51.83	48.22	68.20	19.98	Pass	V	Peak
10	6281.6282	35.86	8.38	-41.15	47.90	50.99	68.20	17.21	Pass	V	Peak
11	10029.9687	37.84	7.43	-40.44	46.90	51.73	68.20	16.47	Pass	V	Peak
12	17509.3006	42.69	12.28	-43.71	47.58	58.84	68.20	9.36	Pass	V	Peak

Mode:		802.11ac(HT20) Transmitting			Channel:				5200		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1193.6194	28.09	3.04	-42.88	59.98	48.23	68.20	19.97	Pass	H	Peak
2	2159.5160	31.92	4.35	-42.54	52.04	45.77	68.20	22.43	Pass	H	Peak
3	4107.8108	33.95	6.25	-40.81	48.00	47.39	68.20	20.81	Pass	H	Peak
4	8150.7434	36.46	6.41	-40.86	48.42	50.43	68.20	17.77	Pass	H	Peak
5	10645.6430	38.53	7.28	-41.16	47.74	52.39	68.20	15.81	Pass	H	Peak
6	17009.4006	42.21	11.59	-43.26	48.54	59.08	68.20	9.12	Pass	H	Peak
7	1193.6194	28.09	3.04	-42.88	53.29	41.54	68.20	26.66	Pass	V	Peak
8	2086.3586	31.82	4.48	-42.57	50.78	44.51	68.20	23.69	Pass	V	Peak
9	5907.0407	35.65	8.20	-41.00	47.89	50.74	68.20	17.46	Pass	V	Peak
10	8504.2003	36.61	6.64	-40.56	47.28	49.97	68.20	18.23	Pass	V	Peak
11	10194.0463	38.07	7.10	-40.70	47.39	51.86	68.20	16.34	Pass	V	Peak
12	17556.8371	42.65	12.49	-43.66	47.55	59.03	68.20	9.17	Pass	V	Peak

Mode:		802.11ac(HT20) Transmitting			Channel:				5240		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1202.4202	28.10	3.05	-42.89	60.36	48.62	68.20	19.58	Pass	H	Peak
2	2196.9197	31.98	4.39	-42.53	52.20	46.04	68.20	22.16	Pass	H	Peak
3	6339.3839	35.87	8.64	-41.16	47.63	50.98	68.20	17.22	Pass	H	Peak
4	10190.2127	38.07	7.11	-40.70	47.96	52.44	68.20	15.76	Pass	H	Peak
5	14874.0916	40.35	9.27	-42.30	48.24	55.56	68.20	12.64	Pass	H	Peak
6	17559.1373	42.65	12.48	-43.66	47.84	59.31	68.20	8.89	Pass	H	Peak
7	1199.6700	28.10	3.04	-42.89	54.42	42.67	68.20	25.53	Pass	V	Peak
8	3189.7690	33.28	5.69	-42.01	51.09	48.05	68.20	20.15	Pass	V	Peak
9	6090.2090	35.82	8.35	-41.11	47.52	50.58	68.20	17.62	Pass	V	Peak
10	8554.0369	36.72	6.67	-40.57	47.47	50.29	68.20	17.91	Pass	V	Peak
11	10451.6634	38.43	7.51	-41.11	47.23	52.06	68.20	16.14	Pass	V	Peak
12	17596.7064	42.62	12.25	-43.62	47.69	58.94	68.20	9.26	Pass	V	Peak

Mode:		802.11ac(HT40) Transmitting			Channel:				5190		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1204.0704	28.10	3.05	-42.88	59.72	47.99	68.20	20.21	Pass	H	Peak
2	3081.4081	33.23	5.51	-42.07	51.01	47.68	68.20	20.52	Pass	H	Peak
3	6144.1144	35.83	8.57	-41.12	47.45	50.73	68.20	17.47	Pass	H	Peak
4	8422.9282	36.57	6.70	-40.63	47.36	50.00	68.20	18.20	Pass	H	Peak
5	10188.6792	38.06	7.11	-40.69	46.80	51.28	68.20	16.92	Pass	H	Peak
6	17569.8713	42.64	12.41	-43.65	47.98	59.38	68.20	8.82	Pass	H	Peak
7	1124.8625	28.02	2.96	-42.77	52.64	40.85	68.20	27.35	Pass	V	Peak
8	1988.9989	31.63	4.13	-42.62	51.05	44.19	68.20	24.01	Pass	V	Peak
9	3196.9197	33.28	5.73	-42.00	52.54	49.55	68.20	18.65	Pass	V	Peak
10	6183.7184	35.84	8.45	-41.13	47.97	51.13	68.20	17.07	Pass	V	Peak
11	8994.1329	37.69	6.83	-40.68	46.49	50.33	68.20	17.87	Pass	V	Peak
12	16998.6666	42.20	11.61	-43.25	47.63	58.19	68.20	10.01	Pass	V	Peak

Mode:		802.11ac(HT40) Transmitting			Channel:				5230		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1206.2706	28.11	3.05	-42.88	60.59	48.87	68.20	19.33	Pass	H	Peak
2	2198.5699	31.98	4.39	-42.53	52.05	45.89	68.20	22.31	Pass	H	Peak
3	3218.3718	33.29	5.67	-42.00	50.61	47.57	68.20	20.63	Pass	H	Peak
4	5904.2904	35.65	8.21	-41.01	47.32	50.17	68.20	18.03	Pass	H	Peak
5	11006.0004	38.60	7.70	-41.11	47.49	52.68	68.20	15.52	Pass	H	Peak
6	17543.8029	42.66	12.49	-43.67	47.30	58.78	68.20	9.42	Pass	H	Peak
7	1193.6194	28.09	3.04	-42.88	53.53	41.78	68.20	26.42	Pass	V	Peak
8	2088.0088	31.82	4.49	-42.57	52.07	45.81	68.20	22.39	Pass	V	Peak
9	3105.0605	33.24	5.52	-42.05	49.74	46.45	68.20	21.75	Pass	V	Peak
10	6198.5699	35.84	8.39	-41.13	47.75	50.85	68.20	17.35	Pass	V	Peak
11	10502.2668	38.50	7.41	-41.18	47.41	52.14	68.20	16.06	Pass	V	Peak
12	17568.3379	42.65	12.42	-43.66	47.64	59.05	68.20	9.15	Pass	V	Peak

Mode:		802.11ac(HT80) Transmitting			Channel:				5210		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1204.0704	28.10	3.05	-42.88	59.47	47.74	68.20	20.46	Pass	H	Peak
2	2059.9560	31.78	4.34	-42.58	51.20	44.74	68.20	23.46	Pass	H	Peak
3	3078.1078	33.23	5.51	-42.07	49.69	46.36	68.20	21.84	Pass	H	Peak
4	5661.7162	35.26	8.18	-40.79	48.59	51.24	68.20	16.96	Pass	H	Peak
5	11049.7033	38.63	7.39	-41.13	48.78	53.67	68.20	14.53	Pass	H	Peak
6	17559.9040	42.65	12.47	-43.66	47.55	59.01	68.20	9.19	Pass	H	Peak
7	1193.0693	28.09	3.04	-42.88	53.15	41.40	68.20	26.80	Pass	V	Peak
8	3191.4191	33.28	5.70	-42.01	51.39	48.36	68.20	19.84	Pass	V	Peak
9	5987.8988	35.78	8.19	-41.08	47.29	50.18	68.20	18.02	Pass	V	Peak
10	9073.8716	37.69	6.70	-40.71	47.40	51.08	68.20	17.12	Pass	V	Peak
11	10912.4608	38.58	7.41	-41.12	47.92	52.79	68.20	15.41	Pass	V	Peak
12	17517.7345	42.69	12.33	-43.71	47.78	59.09	68.20	9.11	Pass	V	Peak

Band-4

Mode:		802.11a(HT20) Transmitting			Channel:				5745		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1195.8196	28.10	2.86	-42.89	59.83	47.90	68.20	20.30	Pass	H	Peak
2	2823.9824	32.92	4.40	-42.22	51.18	46.28	68.20	21.92	Pass	H	Peak
3	6235.4235	35.85	7.20	-41.14	47.39	49.30	68.20	18.90	Pass	H	Peak
4	8525.6684	36.66	6.67	-40.57	47.81	50.57	68.20	17.63	Pass	H	Peak
5	10478.4986	38.47	7.45	-41.14	46.70	51.48	68.20	16.72	Pass	H	Peak
6	17559.9040	42.65	12.47	-43.66	47.48	58.94	68.20	9.26	Pass	H	Peak
7	1195.8196	28.10	2.86	-42.89	54.58	42.65	68.20	25.55	Pass	V	Peak
8	2127.6128	31.88	3.70	-42.56	50.71	43.73	68.20	24.47	Pass	V	Peak
9	3144.1144	33.26	4.63	-42.04	50.64	46.49	68.20	21.71	Pass	V	Peak
10	6306.3806	35.86	7.42	-41.15	47.13	49.26	68.20	18.94	Pass	V	Peak
11	10167.2111	38.03	7.13	-40.66	48.34	52.84	68.20	15.36	Pass	V	Peak
12	17538.4359	42.67	12.46	-43.68	49.34	60.79	68.20	7.41	Pass	V	Peak

Mode:		802.11a(HT20) Transmitting			Channel:				5785		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1193.6194	28.09	2.85	-42.88	60.18	48.24	68.20	19.96	Pass	H	Peak
2	2184.8185	31.96	3.82	-42.53	50.86	44.11	68.20	24.09	Pass	H	Peak
3	3282.1782	33.31	4.83	-41.95	50.56	46.75	68.20	21.45	Pass	H	Peak
4	6333.3333	35.87	7.23	-41.16	48.23	50.17	68.20	18.03	Pass	H	Peak
5	9106.0737	37.68	6.65	-40.72	46.81	50.42	68.20	17.78	Pass	H	Peak
6	17506.2337	42.70	12.26	-43.72	47.89	59.13	68.20	9.07	Pass	H	Peak
7	1193.6194	28.09	2.85	-42.88	54.16	42.22	68.20	25.98	Pass	V	Peak
8	2061.6062	31.79	3.65	-42.58	51.68	44.54	68.20	23.66	Pass	V	Peak
9	3186.4686	33.27	4.69	-42.01	49.86	45.81	68.20	22.39	Pass	V	Peak
10	6250.8251	35.85	7.28	-41.14	46.99	48.98	68.20	19.22	Pass	V	Peak
11	9202.6802	37.66	6.60	-40.75	47.42	50.93	68.20	17.27	Pass	V	Peak
12	17544.5696	42.66	12.50	-43.68	48.34	59.82	68.20	8.38	Pass	V	Peak

Mode:		802.11a(HT20) Transmitting			Channel:				5825		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1195.8196	28.10	2.86	-42.89	59.71	47.78	68.20	20.42	Pass	H	Peak
2	2082.5083	31.82	3.66	-42.58	49.75	42.65	68.20	25.55	Pass	H	Peak
3	3247.5248	33.30	5.05	-41.97	49.70	46.08	68.20	22.12	Pass	H	Peak
4	6170.5171	35.83	6.94	-41.12	47.73	49.38	68.20	18.82	Pass	H	Peak
5	9155.9104	37.67	6.62	-40.74	47.56	51.11	68.20	17.09	Pass	H	Peak
6	17618.1745	42.61	11.95	-43.61	48.19	59.14	68.20	9.06	Pass	H	Peak
7	1194.1694	28.09	2.85	-42.87	54.98	43.05	68.20	25.15	Pass	V	Peak
8	3179.3179	33.27	4.68	-42.01	50.26	46.20	68.20	22.00	Pass	V	Peak
9	6306.3806	35.86	7.42	-41.15	47.82	49.95	68.20	18.25	Pass	V	Peak
10	8416.7945	36.57	6.70	-40.64	48.25	50.88	68.20	17.32	Pass	V	Peak
11	10417.1611	38.38	7.53	-41.05	46.71	51.57	68.20	16.63	Pass	V	Peak
12	17005.5670	42.21	11.60	-43.26	48.32	58.87	68.20	9.33	Pass	V	Peak

Mode:		802.11n(HT20) Transmitting			Channel:				5745		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1195.8196	28.10	2.86	-42.89	59.86	47.93	68.20	20.27	Pass	H	Peak
2	2223.3223	32.01	3.96	-42.51	50.16	43.62	68.20	24.58	Pass	H	Peak
3	3107.8108	33.24	4.61	-42.05	50.59	46.39	68.20	21.81	Pass	H	Peak
4	6226.6227	35.85	7.15	-41.14	47.55	49.41	68.20	18.79	Pass	H	Peak
5	10390.3260	38.35	7.48	-41.01	46.82	51.64	68.20	16.56	Pass	H	Peak
6	17526.1684	42.68	12.38	-43.69	48.22	59.59	68.20	8.61	Pass	H	Peak
7	1195.2695	28.10	2.86	-42.89	54.13	42.20	68.20	26.00	Pass	V	Peak
8	2061.6062	31.79	3.65	-42.58	51.12	43.98	68.20	24.22	Pass	V	Peak
9	3174.3674	33.27	4.67	-42.02	50.40	46.32	68.20	21.88	Pass	V	Peak
10	6216.1716	35.84	7.09	-41.13	47.48	49.28	68.20	18.92	Pass	V	Peak
11	10225.4817	38.12	7.19	-40.75	46.72	51.28	68.20	16.92	Pass	V	Peak
12	17555.3037	42.66	12.50	-43.67	47.78	59.27	68.20	8.93	Pass	V	Peak

Mode:		802.11n(HT20) Transmitting			Channel:				5785		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1193.6194	28.09	2.85	-42.88	59.72	47.78	68.20	20.42	Pass	H	Peak
2	2194.7195	31.97	3.85	-42.53	50.92	44.21	68.20	23.99	Pass	H	Peak
3	3073.7074	33.23	4.63	-42.08	50.64	46.42	68.20	21.78	Pass	H	Peak
4	6221.6722	35.84	7.12	-41.13	47.52	49.35	68.20	18.85	Pass	H	Peak
5	10413.3276	38.38	7.53	-41.04	46.84	51.71	68.20	16.49	Pass	H	Peak
6	17566.0377	42.65	12.43	-43.65	48.52	59.95	68.20	8.25	Pass	H	Peak
7	1193.6194	28.09	2.85	-42.88	53.57	41.63	68.20	26.57	Pass	V	Peak
8	3177.1177	33.27	4.67	-42.01	50.16	46.09	68.20	22.11	Pass	V	Peak
9	6271.1771	35.85	7.36	-41.14	47.27	49.34	68.20	18.86	Pass	V	Peak
10	8448.2299	36.58	6.70	-40.61	47.53	50.20	68.20	18.00	Pass	V	Peak
11	11982.0321	39.29	7.80	-41.22	47.31	53.18	68.20	15.02	Pass	V	Peak
12	17552.2368	42.66	12.52	-43.67	47.31	58.82	68.20	9.38	Pass	V	Peak

Mode:		802.11n(HT20) Transmitting			Channel:				5825		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1193.0693	28.09	2.85	-42.88	58.60	46.66	68.20	21.54	Pass	H	Peak
2	3106.7107	33.24	4.61	-42.05	50.66	46.46	68.20	21.74	Pass	H	Peak
3	6086.9087	35.82	7.16	-41.11	47.21	49.08	68.20	19.12	Pass	H	Peak
4	9104.5403	37.68	6.65	-40.72	47.84	51.45	68.20	16.75	Pass	H	Peak
5	12376.8918	39.53	7.89	-41.13	47.70	53.99	68.20	14.21	Pass	H	Peak
6	17521.5681	42.68	12.35	-43.69	48.42	59.76	68.20	8.44	Pass	H	Peak
7	1201.8702	28.10	2.87	-42.89	53.47	41.55	68.20	26.65	Pass	V	Peak
8	2101.2101	31.84	3.66	-42.56	51.15	44.09	68.20	24.11	Pass	V	Peak
9	3237.6238	33.30	4.98	-41.98	49.73	46.03	68.20	22.17	Pass	V	Peak
10	6187.0187	35.84	6.97	-41.13	48.01	49.69	68.20	18.51	Pass	V	Peak
11	8307.9205	36.52	6.50	-40.72	48.34	50.64	68.20	17.56	Pass	V	Peak
12	17005.5670	42.21	11.60	-43.26	47.58	58.13	68.20	10.07	Pass	V	Peak

Mode:		802.11n(HT40) Transmitting			Channel:				5755		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1202.4202	28.10	2.87	-42.89	58.77	46.85	68.20	21.35	Pass	H	Peak
2	2141.9142	31.90	3.72	-42.55	50.14	43.21	68.20	24.99	Pass	H	Peak
3	3154.5655	33.26	4.64	-42.03	49.87	45.74	68.20	22.46	Pass	H	Peak
4	6230.4730	35.85	7.17	-41.14	47.07	48.95	68.20	19.25	Pass	H	Peak
5	10292.9529	38.21	7.19	-40.85	46.90	51.45	68.20	16.75	Pass	H	Peak
6	17556.0704	42.66	12.49	-43.67	47.63	59.11	68.20	9.09	Pass	H	Peak
7	1194.1694	28.09	2.85	-42.87	53.46	41.53	68.20	26.67	Pass	V	Peak
8	2078.1078	31.81	3.66	-42.58	50.49	43.38	68.20	24.82	Pass	V	Peak
9	3175.4675	33.27	4.67	-42.01	50.01	45.94	68.20	22.26	Pass	V	Peak
10	6221.6722	35.84	7.12	-41.13	48.30	50.13	68.20	18.07	Pass	V	Peak
11	10399.5266	38.36	7.54	-41.03	47.21	52.08	68.20	16.12	Pass	V	Peak
12	17538.4359	42.67	12.46	-43.68	48.33	59.78	68.20	8.42	Pass	V	Peak

Mode:		802.11n(HT40) Transmitting			Channel:				5795		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1195.8196	28.10	2.86	-42.89	59.50	47.57	68.20	20.63	Pass	H	Peak
2	2226.0726	32.02	3.97	-42.51	50.48	43.96	68.20	24.24	Pass	H	Peak
3	3076.4576	33.23	4.63	-42.07	49.90	45.69	68.20	22.51	Pass	H	Peak
4	6299.2299	35.86	7.47	-41.15	47.36	49.54	68.20	18.66	Pass	H	Peak
5	10058.3372	37.88	7.49	-40.49	46.92	51.80	68.20	16.40	Pass	H	Peak
6	17014.0009	42.21	11.57	-43.26	47.76	58.28	68.20	9.92	Pass	H	Peak
7	1194.1694	28.09	2.85	-42.87	53.73	41.80	68.20	26.40	Pass	V	Peak
8	2070.4070	31.80	3.65	-42.58	51.41	44.28	68.20	23.92	Pass	V	Peak
9	2958.1958	33.13	4.58	-42.14	50.00	45.57	68.20	22.63	Pass	V	Peak
10	6314.6315	35.86	7.36	-41.15	47.36	49.43	68.20	18.77	Pass	V	Peak
11	10411.0274	38.38	7.53	-41.04	47.20	52.07	68.20	16.13	Pass	V	Peak
12	17542.2695	42.67	12.48	-43.68	47.60	59.07	68.20	9.13	Pass	V	Peak

Mode:		802.11ac(HT20) Transmitting			Channel:				5745		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1193.6194	28.09	2.85	-42.88	58.46	46.52	68.20	21.68	Pass	H	Peak
2	2031.9032	31.74	3.65	-42.59	50.51	43.31	68.20	24.89	Pass	H	Peak
3	3069.8570	33.23	4.63	-42.08	50.14	45.92	68.20	22.28	Pass	H	Peak
4	7673.8449	36.53	6.31	-40.85	48.03	50.02	68.20	18.18	Pass	H	Peak
5	10134.2423	37.99	7.15	-40.61	48.52	53.05	68.20	15.15	Pass	H	Peak
6	17502.4002	42.70	12.23	-43.71	47.61	58.83	68.20	9.37	Pass	H	Peak
7	1198.0198	28.10	2.86	-42.88	53.83	41.91	68.20	26.29	Pass	V	Peak
8	3196.3696	33.28	4.70	-42.00	51.31	47.29	68.20	20.91	Pass	V	Peak
9	6475.2475	35.90	7.35	-41.19	47.15	49.21	68.20	18.99	Pass	V	Peak
10	8753.3836	37.16	6.94	-40.62	46.98	50.46	68.20	17.74	Pass	V	Peak
11	11173.9116	38.70	7.60	-41.20	48.16	53.26	68.20	14.94	Pass	V	Peak
12	17546.8698	42.66	12.51	-43.67	48.06	59.56	68.20	8.64	Pass	V	Peak

Mode:		802.11ac(HT20) Transmitting			Channel:				5785		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1197.4697	28.10	2.86	-42.89	59.01	47.08	68.20	21.12	Pass	H	Peak
2	2193.0693	31.97	3.84	-42.52	51.17	44.46	68.20	23.74	Pass	H	Peak
3	3180.9681	33.27	4.68	-42.01	50.58	46.52	68.20	21.68	Pass	H	Peak
4	6219.4719	35.84	7.11	-41.13	47.67	49.49	68.20	18.71	Pass	H	Peak
5	10253.0835	38.15	7.27	-40.79	47.65	52.28	68.20	15.92	Pass	H	Peak
6	17510.0673	42.69	12.28	-43.71	48.26	59.52	68.20	8.68	Pass	H	Peak
7	1191.4191	28.09	2.84	-42.87	53.79	41.85	68.20	26.35	Pass	V	Peak
8	3198.5699	33.28	4.71	-42.00	52.67	48.66	68.20	19.54	Pass	V	Peak
9	6292.0792	35.86	7.44	-41.15	47.44	49.59	68.20	18.61	Pass	V	Peak
10	8893.6929	37.47	6.90	-40.66	46.04	49.75	68.20	18.45	Pass	V	Peak
11	11187.7125	38.71	7.58	-41.21	47.56	52.64	68.20	15.56	Pass	V	Peak
12	16601.5068	42.28	10.87	-43.57	47.44	57.02	68.20	11.18	Pass	V	Peak

Mode:		802.11ac(HT20) Transmitting			Channel:				5825		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1199.6700	28.10	2.87	-42.89	59.21	47.29	68.20	20.91	Pass	H	Peak
2	1991.7492	31.65	3.65	-42.62	58.06	50.74	68.20	17.46	Pass	H	Peak
3	3139.7140	33.26	4.63	-42.04	51.29	47.14	68.20	21.06	Pass	H	Peak
4	6238.1738	35.85	7.21	-41.14	48.32	50.24	68.20	17.96	Pass	H	Peak
5	10355.8237	38.30	7.26	-40.96	47.92	52.52	68.20	15.68	Pass	H	Peak
6	17027.0351	42.23	11.52	-43.28	48.40	58.87	68.20	9.33	Pass	H	Peak
7	1195.8196	28.10	2.86	-42.89	53.11	41.18	68.20	27.02	Pass	V	Peak
8	2107.2607	31.85	3.67	-42.56	52.47	45.43	68.20	22.77	Pass	V	Peak
9	3189.7690	33.28	4.69	-42.01	51.34	47.30	68.20	20.90	Pass	V	Peak
10	6322.8823	35.86	7.31	-41.15	47.51	49.53	68.20	18.67	Pass	V	Peak
11	9107.6072	37.68	6.65	-40.72	48.20	51.81	68.20	16.39	Pass	V	Peak
12	16980.2654	42.20	11.49	-43.26	48.03	58.46	68.20	9.74	Pass	V	Peak

Mode:		802.11ac(HT40) Transmitting			Channel:				5755		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1199.6700	28.10	2.87	-42.89	59.17	47.25	68.20	20.95	Pass	H	Peak
2	2122.1122	31.87	3.69	-42.55	51.74	44.75	68.20	23.45	Pass	H	Peak
3	6310.2310	35.86	7.40	-41.15	47.78	49.89	68.20	18.31	Pass	H	Peak
4	8425.2283	36.57	6.70	-40.63	47.48	50.12	68.20	18.08	Pass	H	Peak
5	10591.2061	38.52	7.27	-41.17	47.47	52.09	68.20	16.11	Pass	H	Peak
6	17512.3675	42.69	12.30	-43.71	48.45	59.73	68.20	8.47	Pass	H	Peak
7	1200.7701	28.10	2.87	-42.89	52.87	40.95	68.20	27.25	Pass	V	Peak
8	2114.9615	31.86	3.68	-42.56	52.47	45.45	68.20	22.75	Pass	V	Peak
9	3197.4697	33.28	4.71	-42.01	51.79	47.77	68.20	20.43	Pass	V	Peak
10	6489.5490	35.90	7.47	-41.19	47.37	49.55	68.20	18.65	Pass	V	Peak
11	10292.9529	38.21	7.19	-40.85	47.46	52.01	68.20	16.19	Pass	V	Peak
12	17523.1015	42.68	12.36	-43.69	47.37	58.72	68.20	9.48	Pass	V	Peak

Mode:		802.11ac(HT40) Transmitting			Channel:				5795		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1200.2200	28.10	2.87	-42.89	59.20	47.28	68.20	20.92	Pass	H	Peak
2	2162.8163	31.93	3.76	-42.54	50.16	43.31	68.20	24.89	Pass	H	Peak
3	3182.0682	33.27	4.68	-42.01	49.95	45.89	68.20	22.31	Pass	H	Peak
4	6316.8317	35.86	7.35	-41.15	47.84	49.90	68.20	18.30	Pass	H	Peak
5	9143.6429	37.67	6.62	-40.73	47.49	51.05	68.20	17.15	Pass	H	Peak
6	17554.5370	42.66	12.50	-43.67	47.74	59.23	68.20	8.97	Pass	H	Peak
7	1196.3696	28.10	2.86	-42.89	53.64	41.71	68.20	26.49	Pass	V	Peak
8	2048.9549	31.77	3.65	-42.59	52.85	45.68	68.20	22.52	Pass	V	Peak
9	3189.2189	33.28	4.69	-42.01	50.78	46.74	68.20	21.46	Pass	V	Peak
10	6305.2805	35.86	7.43	-41.15	48.13	50.27	68.20	17.93	Pass	V	Peak
11	10429.4286	38.40	7.52	-41.07	47.19	52.04	68.20	16.16	Pass	V	Peak
12	17543.8029	42.66	12.49	-43.67	48.16	59.64	68.20	8.56	Pass	V	Peak

Mode:		802.11ac(HT80) Transmitting			Channel:				5775		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1198.0198	28.10	2.86	-42.88	59.86	47.94	68.20	20.26	Pass	H	Peak
2	2026.4026	31.74	3.65	-42.60	50.79	43.58	68.20	24.62	Pass	H	Peak
3	3373.4873	33.35	4.80	-41.89	50.48	46.74	68.20	21.46	Pass	H	Peak
4	6239.2739	35.85	7.22	-41.14	47.36	49.29	68.20	18.91	Pass	H	Peak
5	9016.3678	37.70	6.80	-40.69	47.04	50.85	68.20	17.35	Pass	H	Peak
6	17524.6350	42.68	12.37	-43.69	48.72	60.08	68.20	8.12	Pass	H	Peak
7	1197.4697	28.10	2.86	-42.89	53.08	41.15	68.20	27.05	Pass	V	Peak
8	3196.3696	33.28	4.70	-42.00	52.84	48.82	68.20	19.38	Pass	V	Peak
9	6316.8317	35.86	7.35	-41.15	47.52	49.58	68.20	18.62	Pass	V	Peak
10	9082.3055	37.68	6.69	-40.71	47.79	51.45	68.20	16.75	Pass	V	Peak
11	10527.5685	38.51	7.36	-41.18	48.15	52.84	68.20	15.36	Pass	V	Peak
12	17566.8045	42.65	12.43	-43.66	47.93	59.35	68.20	8.85	Pass	V	Peak

Note:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Final Test Level = Receiver Reading - Correct Factor

Correct Factor = Preamplifier Factor - Antenna Factor - Cable Factor

2) Through Pre-scan transmitting mode with all kind of modulation and data rate, find the MCS0 is the worst case of 802.11a; MCS0 is the worst case of 802.11n(20M)(40M); MCS0 is the worst case of 802.11ac(20M)(40M)(80M); and then Only the worst case is recorded in the report.

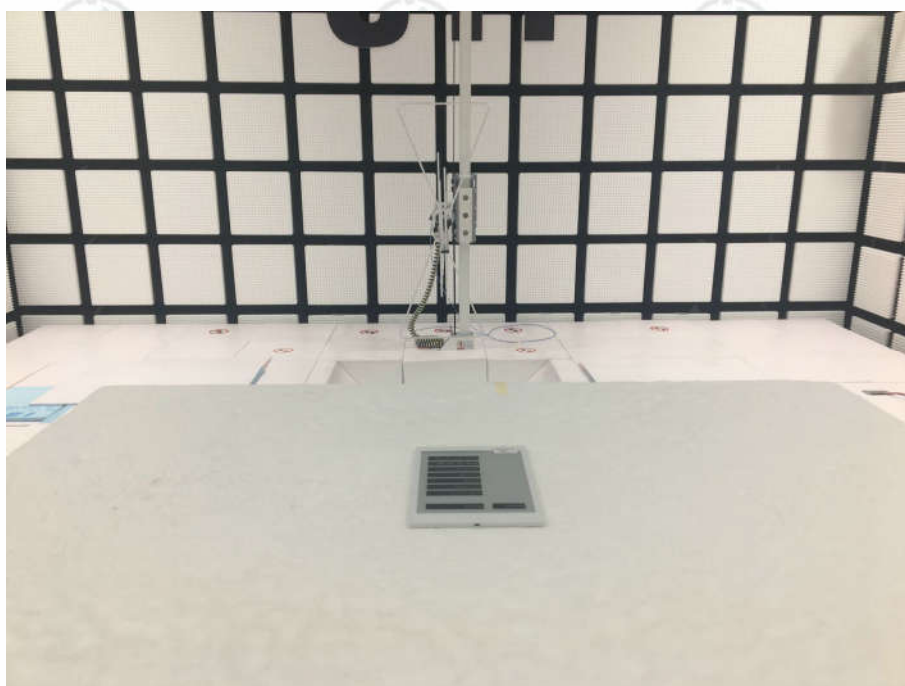
3) Scan from 9kHz to 40GHz, the disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.

PHOTOGRAPHS OF TEST SETUP

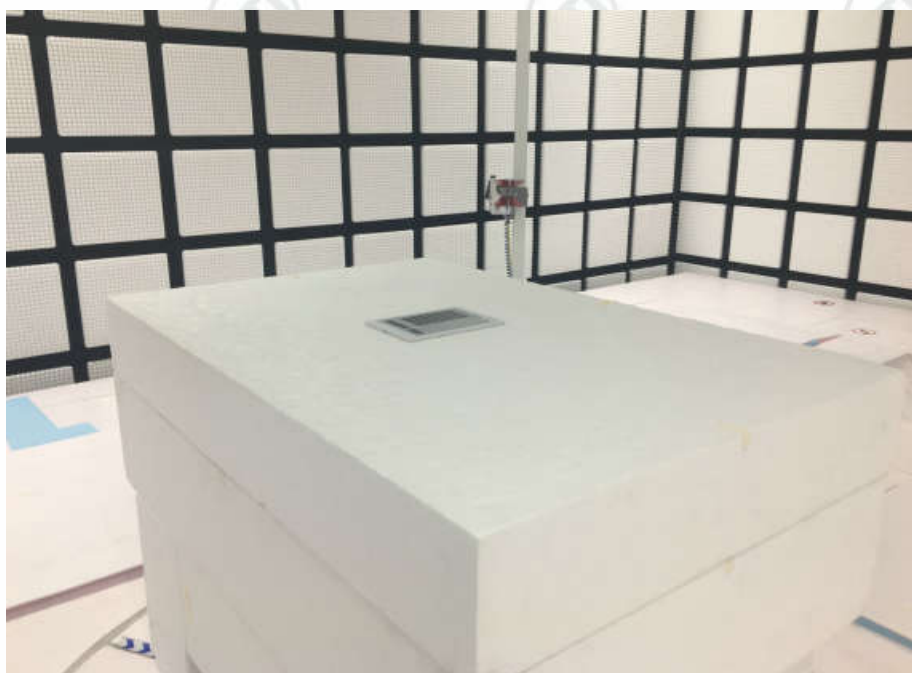
Test model No.: RM102



Radiated spurious emission Test Setup-1(Below 30MHz)



Radiated spurious emission Test Setup-2(30MHz-1GHz)



Radiated spurious emission Test Setup-3(Above 1GHz)



Radiated spurious emission Test Setup-4(Above 18GHz)



Conducted Emissions Test Setup

PHOTOGRAPHS OF EUT Constructional Details

Refer to Report No.EED32L00004801for EUT external and internal photos.

*** End of Report ***

The test report is effective only with both signature and specialized stamp, The result(s) shown in this report refer only to the sample(s) tested. Without written approval of CTI, this report can't be reproduced except in full.