

TEST REPORT

Product : reMarkable 2
Trade mark : reMarkable
Model/Type reference : RM110,RM111,RM112,RM113
Serial Number : N/A
Report Number : EED32L00207102
FCC ID : 2AMK2-RM110
Date of Issue : May 06, 2020
Test Standards : 47 CFR Part 15 Subpart E
Test result : PASS

Prepared for:

reMarkable AS
Biermanns gate 6, 0473 Oslo, Norway

Prepared by:

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Date:

May 06, 2020

Check No.:3096363822



2 Version

Version No.	Date	Description
00	May 06, 2020	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
26dB 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
Peak power excursion	47 CFR Part 15 Subpart E Section 15.407 (a)(6)	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

Model No.: RM110,RM111,RM112,RM113

Only the model RM110 was tested,The added models and original model:The Electrical circuit design, Layout, components and internal wiring are identical.Only the model name and packaging contents are different.

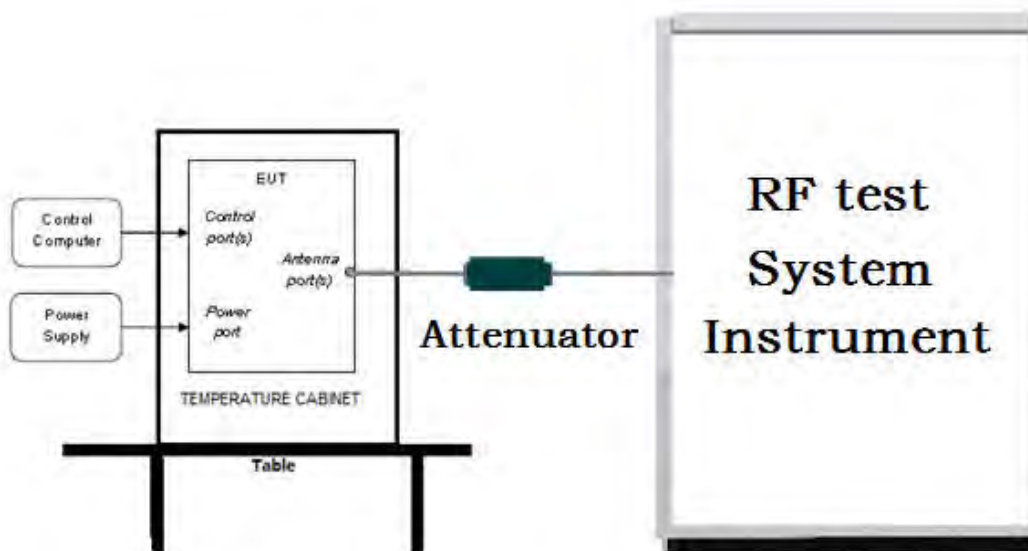
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5 Test Requirement

5.1 Test setup

5.1.1 For Conducted test setup



5.1.2 For Radiated Emissions test setup

Radiated Emissions setup

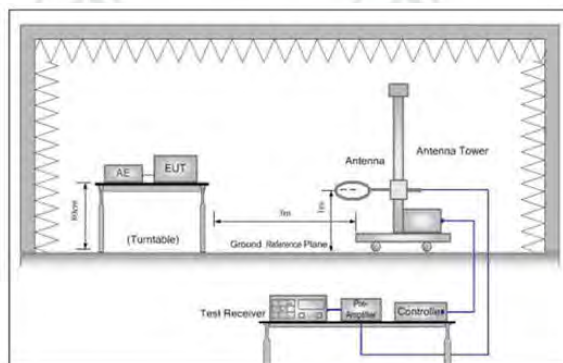


Figure 1. Below 30MHz

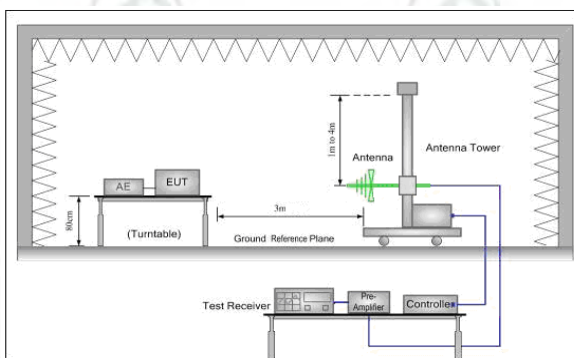


Figure 2. 30MHz to 1GHz

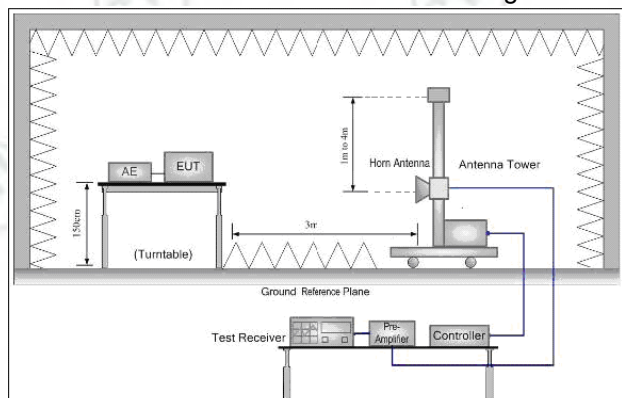
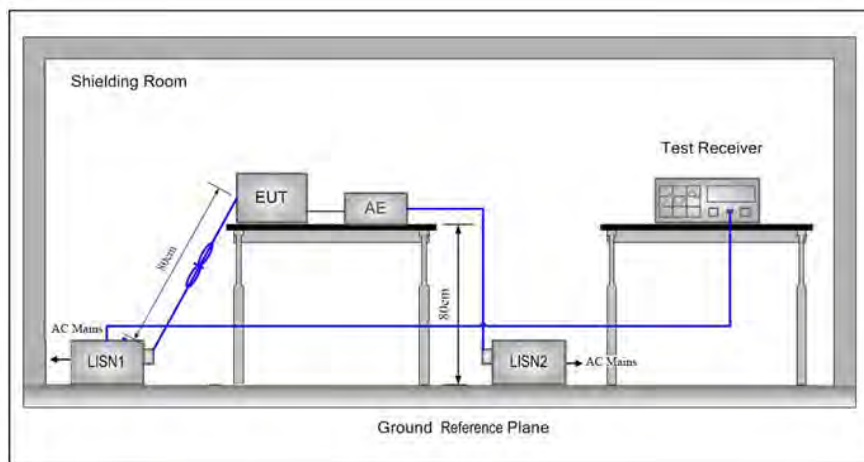


Figure 3. Above 1GHz

5.1.3 For Conducted Emissions test setup

Conducted Emissions setup



5.2 Test Environment

Operating Environment:	
Temperature:	24.0 °C
Humidity:	55 % RH
Atmospheric Pressure:	1010mbar

5.3 Test Condition

Test channel:

Test Mode	Tx/Rx	RF Channel		
		Low(L)	Middle(cm)	High(H)
802.11a/n/ac(HT20)	5150MHz ~5250 MHz	Channel 36	Channel 40	Channel 48
		5180MHz	5200MHz	5240MHz
802.11a/n/ac(HT20)	5725MHz ~5850 MHz	Channel 149	Channel157	Channel165
		5745MHz	5785MHz	5825MHz
802.11n/ac(HT40)	5150MHz ~5250 MHz	Channel 38	N/A	Channel 46
		5190MHz	N/A	5230MHz
802.111n/ac(HT40)	5725MHz ~5850 MHz	Channel 151	N/A	Channel 159
		5755MHz	N/A	5795MHz
802.11ac(HT80)	5150MHz ~5250 MHz	Channel 42	N/A	N/A
		5210MHz	N/A	N/A
802.11ac(HT80)	5725MHz ~5850 MHz	Channel 155	N/A	N/A
		5775MHz	N/A	N/A

6 General Information

6.1 Client Information

Applicant:	reMarkable AS
Address of Applicant:	Biermanns gate 6, 0473 Oslo, Norway
Manufacturer:	reMarkable AS
Address of Manufacturer:	Biermanns gate 6, 0473 Oslo, Norway
Factory:	Dongguan Kaifa Technology Co., Ltd.
Address of Factory:	No.2 Junma Road,Chigang Community, Humen Town, Dongguan City, Guangdong Province, 523921.P.R. China.

6.2 General Description of EUT

Product Name:	reMarkable 2
Model No.(EUT):	RM110,RM111,RM112,RM113
Test Model No:	RM110
Trade Mark:	reMarkable
EUT Supports Radios application:	Wi-Fi IEEE 802.11 a/n(HT20)(HT40)/ac(VHT20)(VHT40)(VHT80): 5150 MHz to 5250MHz,5725MHz to 5850MHz.
Power Supply:	Battery: 3.85V 3000mAh
Sample Received Date:	Jul. 31, 2019
Sample tested Date:	Jul. 31, 2019 to Sep. 29, 2019

6.3 Product Specification subjective to this standard

Operating Frequency Range & Number of Channels:	U-NII-1	Mode	Frequency Range (MHz)	Number of Channels
		IEEE 802.11a	5180 ~ 5240	4 Channels
		IEEE 802.11n HT 20 MHz	5180 ~ 5240	4 Channels
		IEEE 802.11n HT 40 MHz	5190 ~ 5230	2 Channels
		IEEE 802.11ac VHT 20 MHz	5180 ~ 5240	4 Channels
		IEEE 802.11ac VHT 40 MHz	5190 ~ 5230	2 Channels
		IEEE 802.11ac VHT 80 MHz	5210	1 Channels
	U-NII-3	IEEE 802.11a	5745 ~ 5825	5 Channels
		IEEE 802.11n HT 20 MHz	5745 ~ 5825	5 Channels
		IEEE 802.11n HT 40 MHz	5755 ~ 5795	2 Channels
		IEEE 802.11ac VHT 20 MHz	5745 ~ 5825	5 Channels
		IEEE 802.11ac VHT 40 MHz	5755 ~ 5795	2 Channels
		IEEE 802.11ac VHT 80 MHz	5775	1 Channels
Type of Modulation:	DSSS,OFDM			
Test Power Grade:	Reference Table			
Test Software of EUT:	PUTTY			
Antenna Type and Gain:	Type: PCB antenna, Gain:6.35dBi			
Test Voltage:	DC 5V			

6.4 Description of Support Units

The EUT has been tested independently

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	03-01-2019	02-29-2020
Spectrum Analyzer	Keysight	N9010A	MY54510339	03-01-2019	02-29-2020
Signal Generator	Keysight	N5182B	MY53051549	03-01-2019	02-29-2020
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	03-01-2019	02-29-2020
PC-1	Lenovo	R4960d	---	03-01-2019	02-29-2020
BT&WI-FI Automatic control	R&S	OSP120	101374	03-01-2019	02-29-2020
RF control unit	JS Tonscend	JS0806-2	15860006	03-01-2019	02-29-2020
RF control unit	JS Tonscend	JS0806-1	15860004	03-01-2019	02-29-2020
RF control unit	JS Tonscend	JS0806-4	158060007	03-01-2019	02-29-2020
BT&WI-FI Automatic test software	JS Tonscend	JS1120-2	---	03-01-2019	02-29-2020

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	05-20-2019	05-19-2020
Temperature/ Humidity Indicator	Defu	TH128	/	06-14-2019	06-13-2020
Communication test set	Agilent	E5515C	GB47050 534	03-01-2019	02-28-2022
Communication test set	R&S	CMW500	102898	01-18-2019	01-17-2020
LISN	R&S	ENV216	100098	05-08-2019	05-07-2020
LISN	schwarzbeck	NNLK8121	8121-529	05-08-2019	05-07-2020
Voltage Probe	R&S	ESH2-Z3 0299.7810.56	100042	06-13-2017	06-12-2020
Current Probe	R&S	EZ-17 816.2063.03	100106	05-20-2019	05-19-2020
ISN	TESEQ	ISN T800	30297	01-16-2019	01-15-2020
Barometer	changchun	DYM3	1188	06-20-2019	06-19-2020

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	---	05-24-2019	05-23-2022
TRILOG Broadband Antenna	Schwarzbeck	VULB9163	9163-401	12-21-2018	12-20-2019
TRILOG Broadband Antenna	Schwarzbeck	VULB9163	9163-618	07-26-2019	07-25-2020
Microwave Preamplifier	Agilent	8449B	3008A02425	07-12-2019	07-11-2020
Microwave Preamplifier	Tonscend	EMC051845 SE	980380	01-16-2019	01-15-2020
Horn Antenna	Schwarzbeck	BBHA 9120D	9120D-1869	04-25-2018	04-24-2021
Horn Antenna	ETS-LINDGREN	3117	00057410	06-05-2018	06-04-2021
Double ridge horn antenna	A.H.SYSTEMS	SAS-574	374	06-05-2018	06-04-2021
Pre-amplifier	A.H.SYSTEMS	PAP-1840-60	6041.6041	07-26-2019	07-25-2020
Loop Antenna	Schwarzbeck	FMZB 1519B	1519B-076	04-25-2018	04-24-2021
Spectrum Analyzer	R&S	FSP40	100416	04-28-2019	04-27-2020
Receiver	R&S	ESCI	100435	05-20-2019	05-19-2020
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
Signal Generator	Agilent	E4438C	MY45095744	03-01-2019	02-29-2020
Signal Generator	Keysight	E8257D	MY53401106	03-01-2019	02-29-2020
Temperature/ Humidity Indicator	Shanghai qixiang	HM10	1804298	07-26-2019	07-25-2020
Communication test set	Agilent	E5515C	GB47050534	03-01-2019	02-28-2022
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
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 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	---	05-24-2019	05-23-2022
TRILOG Broadband Antenna	Schwarzbeck	VULB9163	9163-401	12-21-2018	12-20-2019
TRILOG Broadband Antenna	Schwarzbeck	VULB9163	9163-618	07-26-2019	07-25-2020
Microwave Preamplifier	Agilent	8449B	3008A02425	07-12-2019	07-11-2020
Microwave Preamplifier	Tonscend	EMC051845 SE	980380	01-16-2019	01-15-2020
Horn Antenna	Schwarzbeck	BBHA 9120D	9120D-1869	04-25-2018	04-24-2021
Horn Antenna	ETS-LINDGREN	3117	00057410	06-05-2018	06-04-2021
Double ridge horn antenna	A.H.SYSTEMS	SAS-574	374	06-05-2018	06-04-2021
Pre-amplifier	A.H.SYSTEMS	PAP-1840-60	6041.6041	07-26-2019	07-25-2020
Loop Antenna	Schwarzbeck	FMZB 1519B	1519B-076	04-25-2018	04-24-2021
Spectrum Analyzer	R&S	FSP40	100416	04-28-2019	04-27-2020
Receiver	R&S	ESCI	100435	05-20-2019	05-19-2020
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
Signal Generator	Agilent	E4438C	MY45095744	03-01-2019	02-29-2020
Signal Generator	Keysight	E8257D	MY53401106	03-01-2019	02-29-2020
Temperature/ Humidity Indicator	Shanghai qixiang	HM10	1804298	07-26-2019	07-25-2020
Communication test set	Agilent	E5515C	GB47050534	03-01-2019	02-28-2022
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
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

8 Radio Technical Requirements Specification

Reference documents for testing:

No.	Identity	Document Title
1	FCC Part15E (2015)	Subpart C-Intentional Radiators
2	ANSI C63.10-2013	American National Standard for Testing Unlicensed Wireless Devices
3	KDB789033 D02 General UNII Test Procedures New Rules v01	Guidelines for compliance testing of unlicensed national information infrastructure (U-NII) device part 15 subpart E

Test Results List:

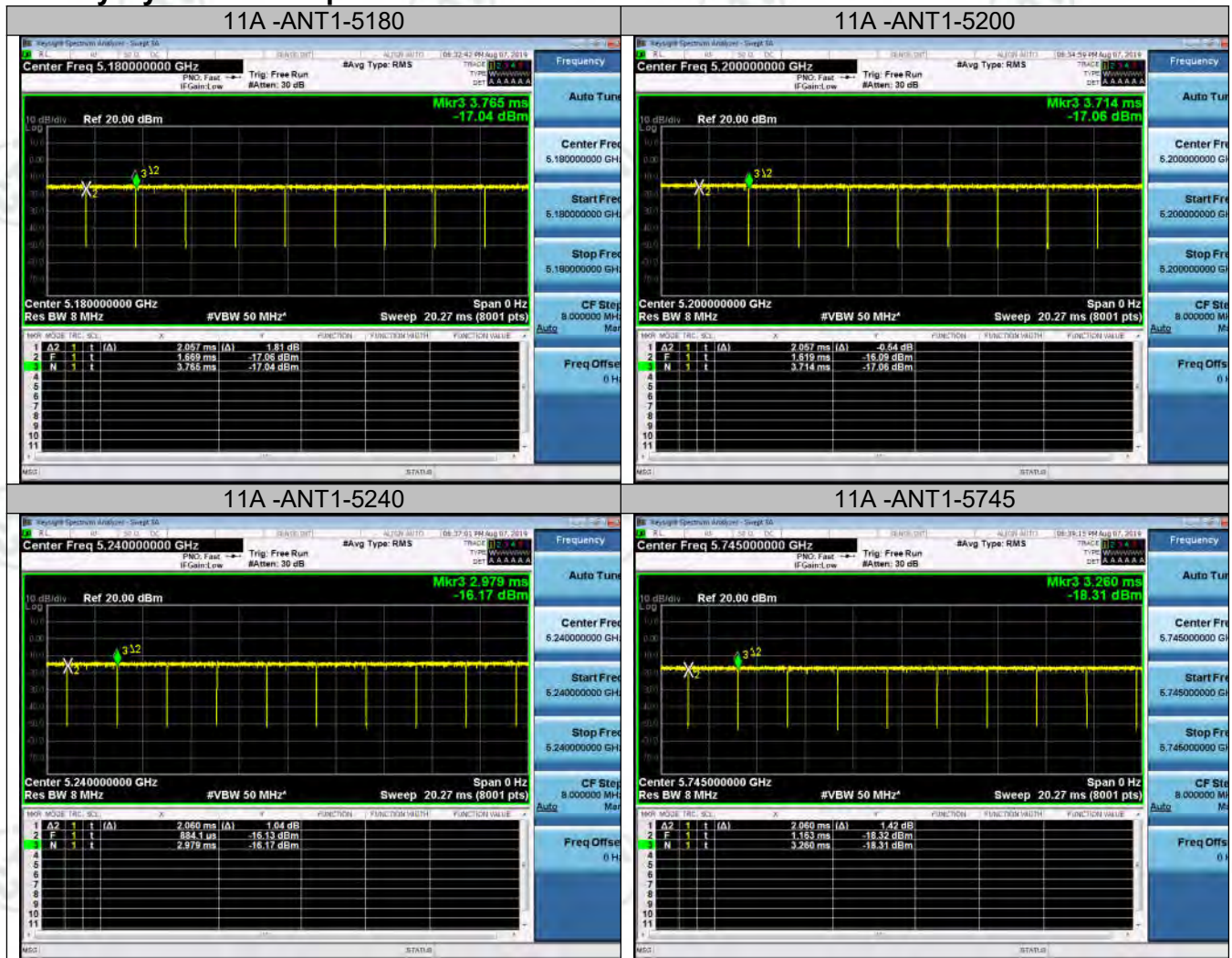
Test Requirement	Test method	Test item	Verdict	Note
Part15E Section 15.407 (a)(1)(2)(4)(h)(1)	KDB789033 / KDB 662911	Duty Cycle	PASS	Appendix A)
Part15E Section 15.407 (a)(1)(2)	KDB789033 D02v01	26dB Occupied Bandwidth	PASS	Appendix B)
Part15E Section 15.407 (a)(1)(2)(4)(h)(1)	KDB789033 D02v01	Conducted Output Power and transmit power control mechanism	PASS	Appendix C)
Part15E Section 15.407 (a)(1)(2)(5)	KDB789033 D02v01	Power Spectral Density	PASS	Appendix D)
Part15E Section 15.407 (a)(6)	KDB789033 D02v01	Peak power excursion	N/A	
Part15E Section 15.407 (b)(1)to(6)	KDB789033 / KDB 662911	Band Edge Measurements	PASS	Appendix E)
Part15E Section 15.407 (g)	KDB789033 D02v01	Frequency stability	PASS	Appendix F)
Part15C Section 15.203	ANSI C63.10	Antenna Requirement	PASS	AppendixG)
Part15E Section 15.407 (c)	Section 15.407	Operation in the absence of information to the transmit	N/A	
Part15E Section 15.407 (b)(6)	ANSI C63.10	AC Power Line Conducted	PASS	Appendix H)
Part15E Section 15.407 (b)(6)(7)(8)	KDB789033 D02v01	Restricted bands around fundamental frequency (Radiated Emission)	PASS	Appendix I)
Part15E Section 15.407 (b)(6)(7)(8)	KDB789033 D02v01	Unwanted Emissions in the Restricted Bands	PASS	Appendix J)
Part15E Section 15.407 (b)(1)(2)(3)(5)	KDB789033 D02v01	Unwanted Emissions that fall Outside of the Restricted Bands	PASS	Appendix K)

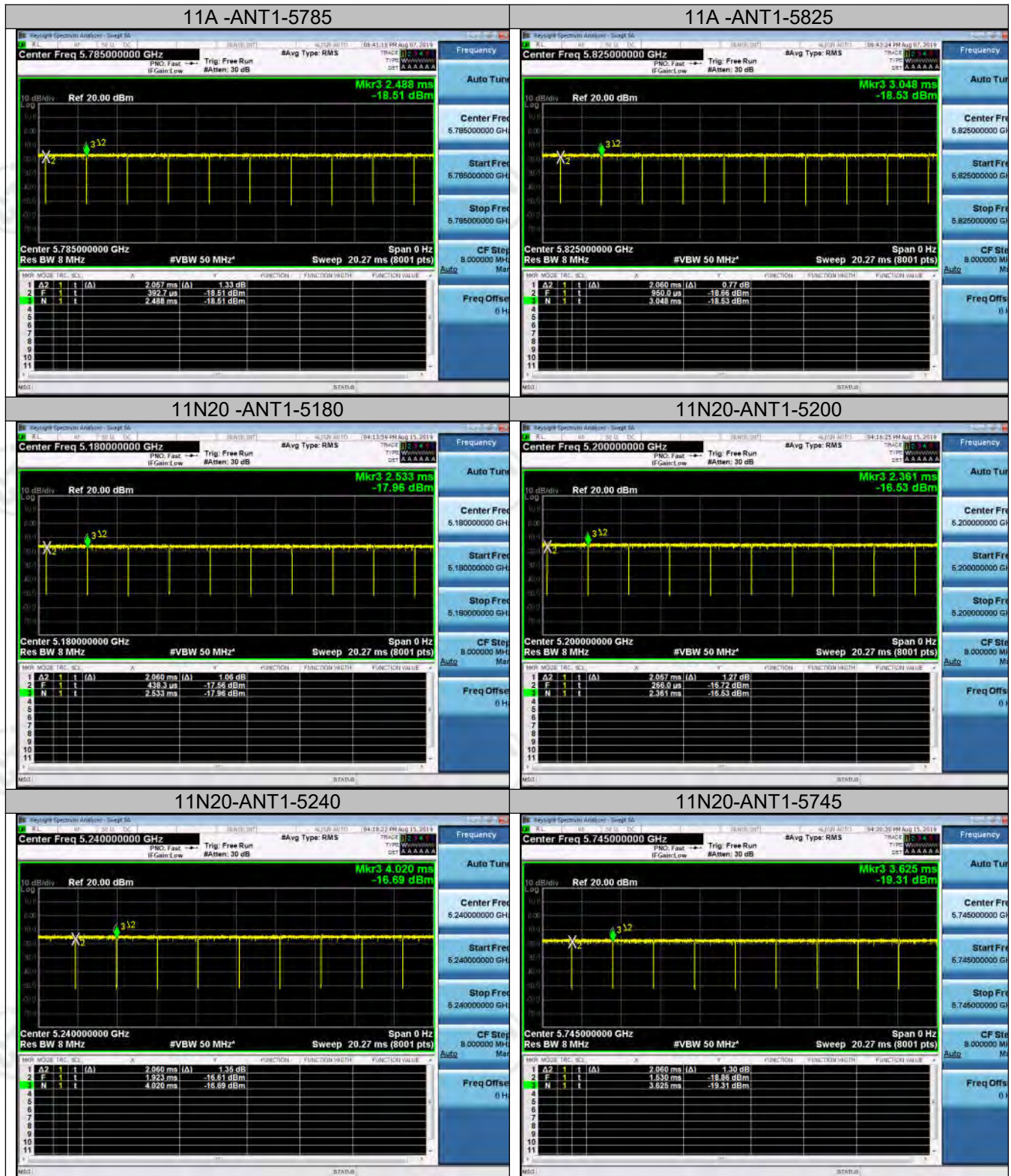
Appendix A): Duty Cycle

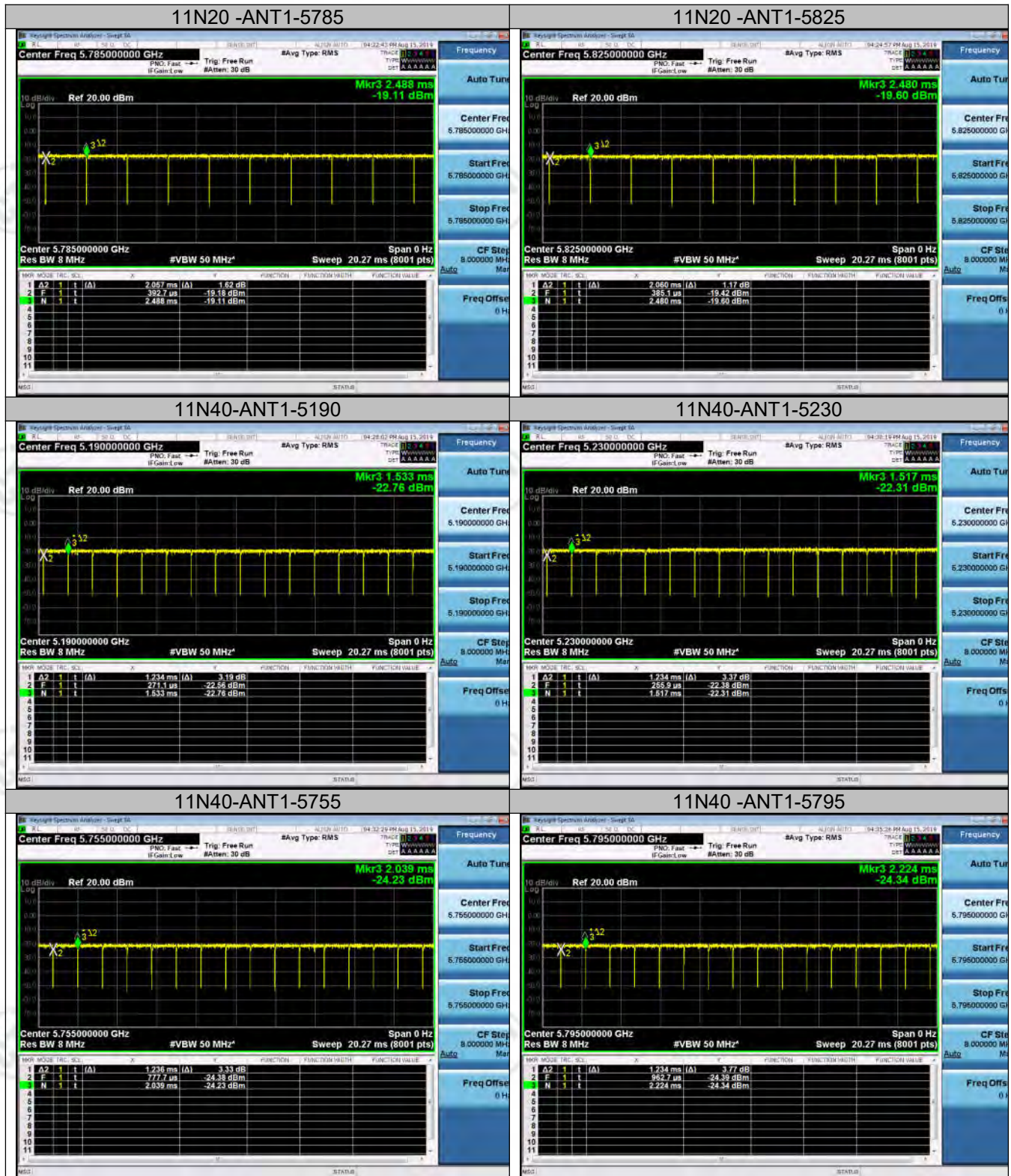
Result Table

ANT1			
Test Mode	Channel	Duty Cycle[%]	Verdict
11A	5180	98.19	PASS
11A	5200	98.19	PASS
11A	5240	98.31	PASS
11A	5745	98.19	PASS
11A	5785	98.19	PASS
11A	5825	98.19	PASS
11N20SISO	5180	98.31	PASS
11N20SISO	5200	98.19	PASS
11N20SISO	5240	98.19	PASS
11N20SISO	5745	98.31	PASS
11N20SISO	5785	98.19	PASS
11N20SISO	5825	98.31	PASS
11N40SISO	5190	97.79	PASS
11N40SISO	5230	97.79	PASS
11N40SISO	5755	97.99	PASS
11N40SISO	5795	97.79	PASS
11AC20SISO	5180	98.19	PASS
11AC20SISO	5200	98.06	PASS
11AC20SISO	5240	98.19	PASS
11AC20SISO	5745	98.06	PASS
11AC20SISO	5785	98.19	PASS
11AC20SISO	5825	98.06	PASS
11AC40SISO	5190	97.81	PASS
11AC40SISO	5230	98	PASS
11AC40SISO	5755	98	PASS
11AC40SISO	5795	97.8	PASS
11AC80SISO	5210	96.06	PASS
11AC80SISO	5775	96.4	PASS

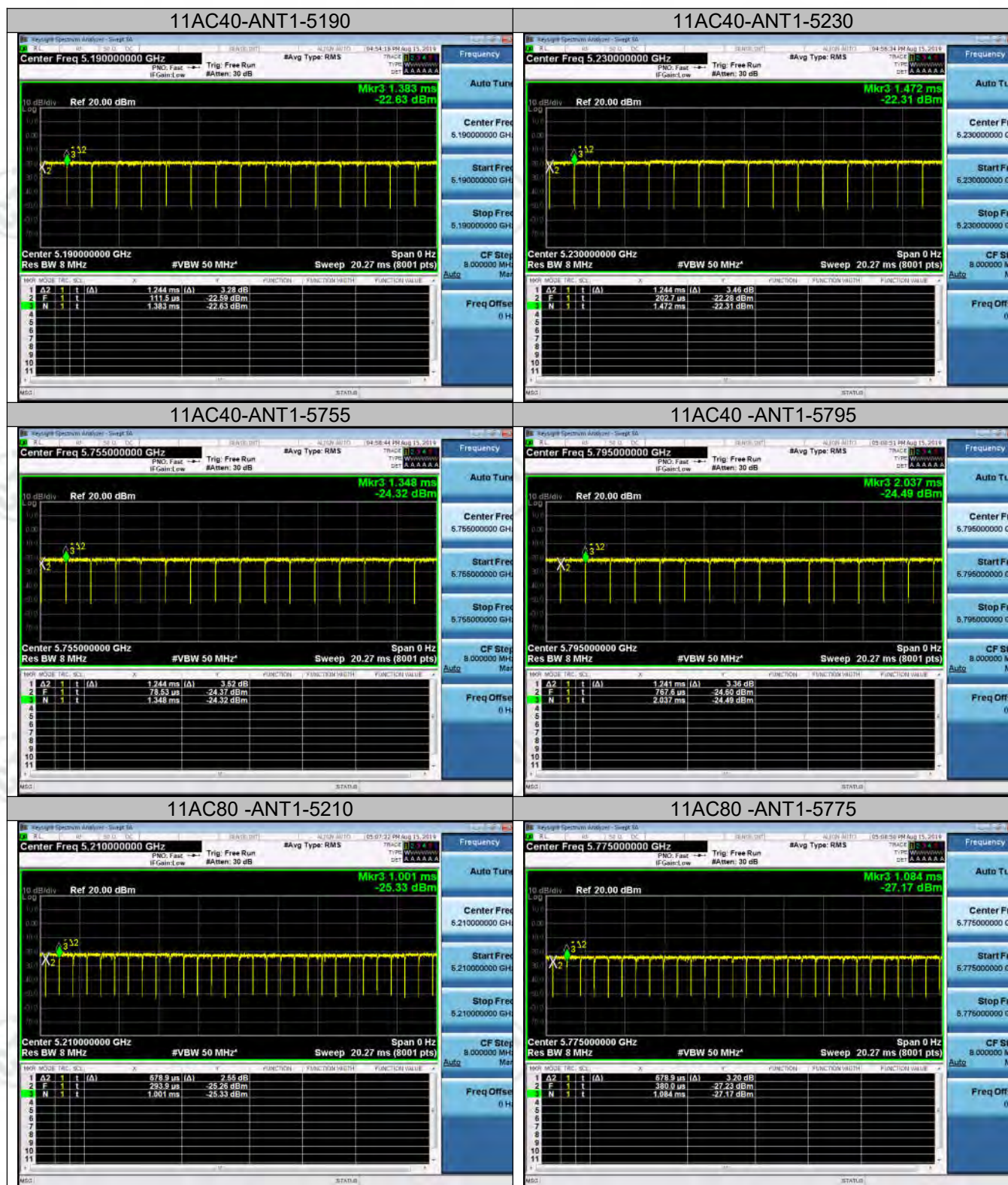
Duty Cycle Test Graph











Appendix B): Emission Bandwidth

Test Limit

26 dB Bandwidth : For reporting purposes only.

6 dB Bandwidth : Least 500kHz.

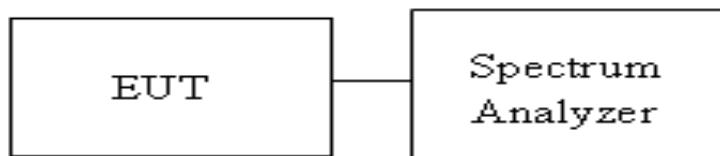
Occupied Bandwidth(99%) : For reporting purposes only.

Test Procedure

Test method Refer as KDB 789033 D02, and ANSI C63.10: 2013 clause 6.9.2,

1. The EUT RF output connected to the spectrum analyzer by RF cable.
2. Setting maximum power transmit of EUT
3. UNII-1, UNII-2a and UNII-2c,
 - (1) BW=20MHz : SA set RBW = 300kHz, VBW = 1MHz and Detector = Peak, to measurement 26 dB Bandwidth and 99% Bandwidth
 - (2) BW=40MHz : SA set RBW = 1MHz, VBW = 3MHz and Detector = Peak, to measurement 26 dB Bandwidth and 99% Bandwidth
 - (3) BW=80MHz : SA set RBW = 1MHz, VBW = 3MHz and Detector = Peak, to measurement 26 dB Bandwidth and 99% Bandwidth
4. UNII-3, SA set RBW = 100kHz, VBW = 300kHz and Detector = Peak, to measurement 6 dB Bandwidth and 99% Bandwidth
5. Measure and record the result of 6 dB Bandwidth and 99% Bandwidth. in the test report.

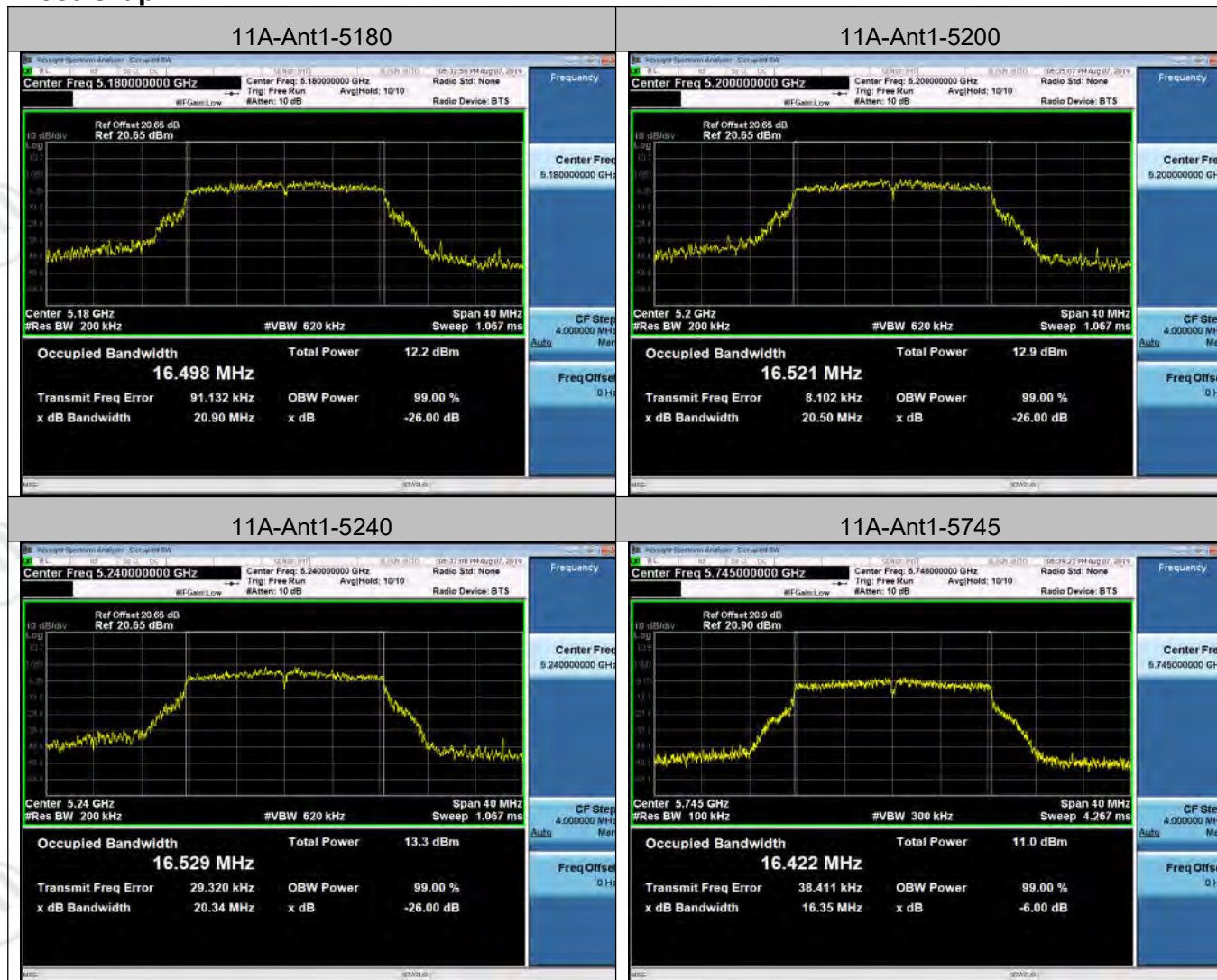
Test Setup

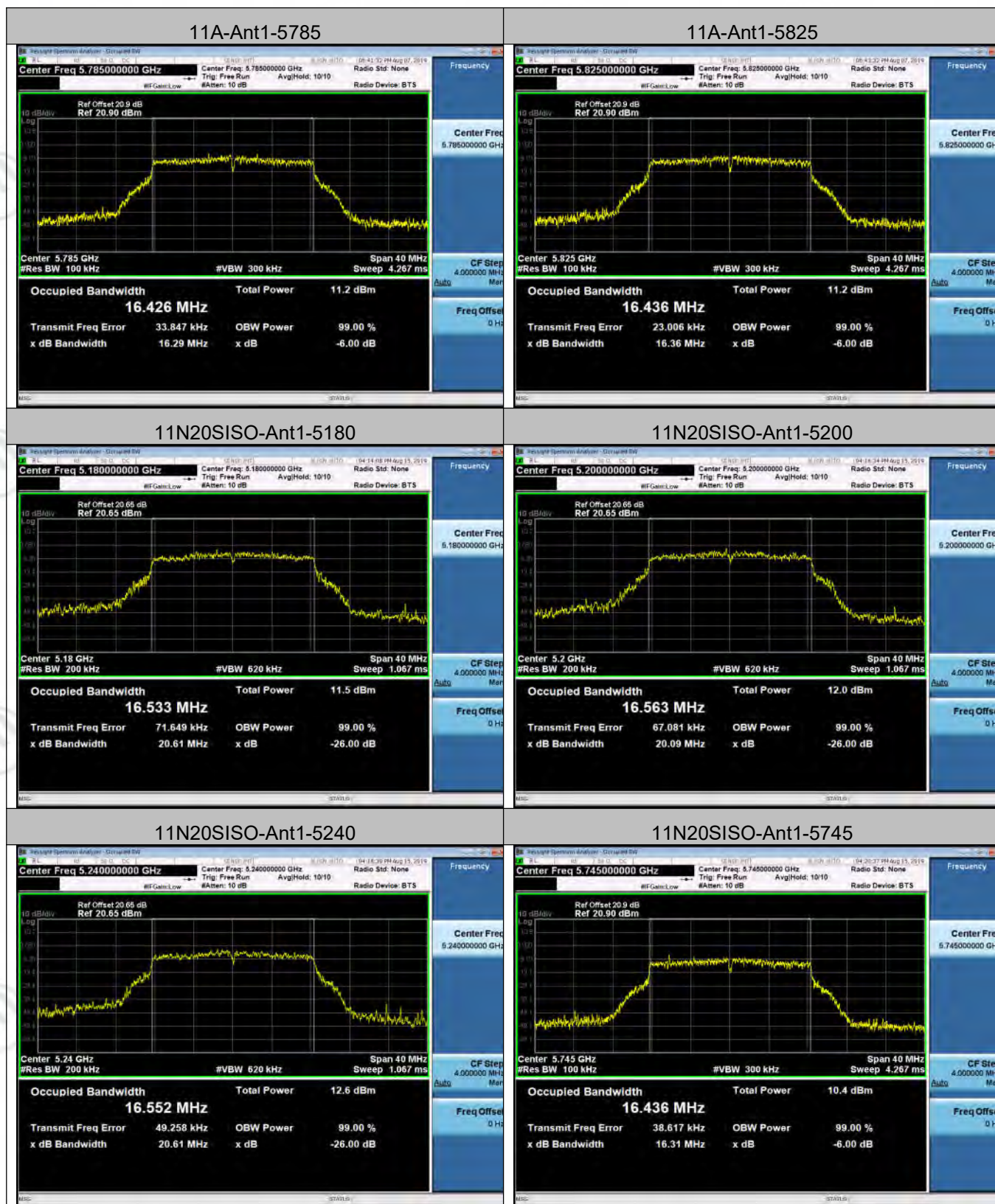


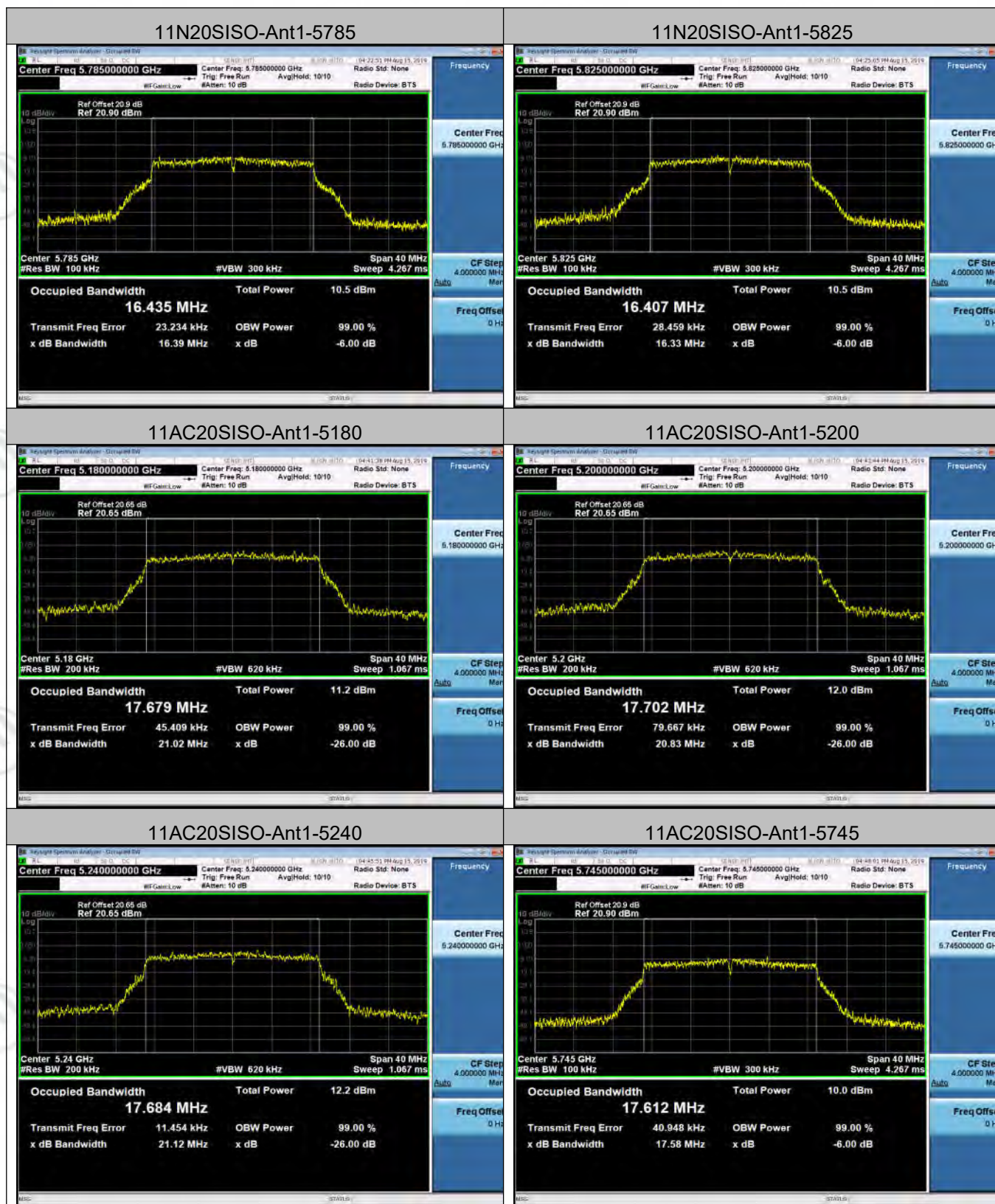
Result Table

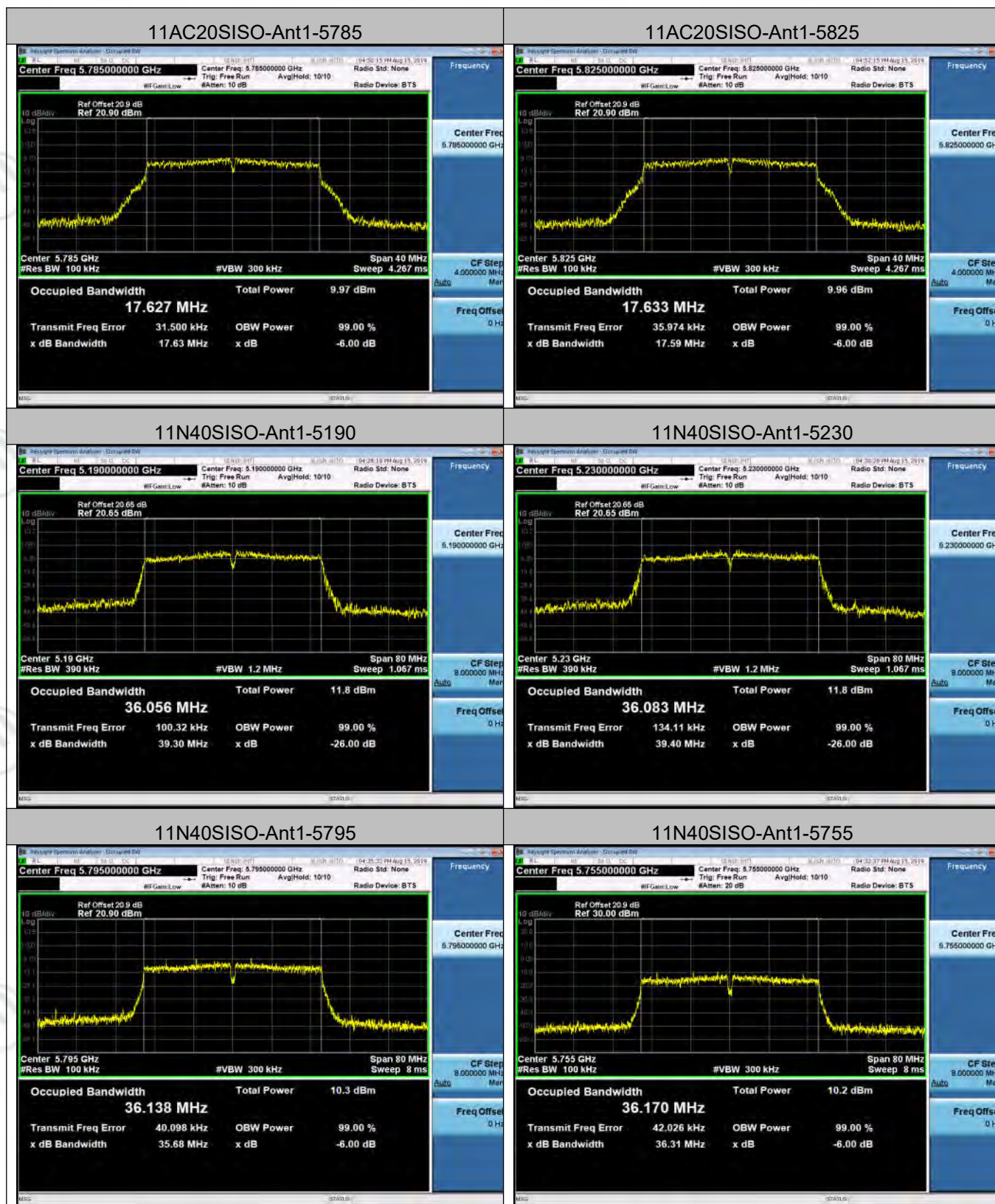
Test Mode	Antenna	Channel	99%OBW[MHz]	Verdict
11A	Ant1	5180	16.498	PASS
11A	Ant1	5200	16.521	PASS
11A	Ant1	5240	16.529	PASS
11A	Ant1	5745	16.422	PASS
11A	Ant1	5785	16.426	PASS
11A	Ant1	5825	16.436	PASS
11N20SISO	Ant1	5180	16.533	PASS
11N20SISO	Ant1	5200	16.563	PASS
11N20SISO	Ant1	5240	16.552	PASS
11N20SISO	Ant1	5745	16.436	PASS
11N20SISO	Ant1	5785	16.435	PASS
11N20SISO	Ant1	5825	16.407	PASS
11AC20SISO	Ant1	5180	17.679	PASS
11AC20SISO	Ant1	5200	17.702	PASS
11AC20SISO	Ant1	5240	17.684	PASS
11AC20SISO	Ant1	5745	17.612	PASS
11AC20SISO	Ant1	5785	17.627	PASS
11AC20SISO	Ant1	5825	17.633	PASS
11N40SISO	Ant1	5190	36.056	PASS
11N40SISO	Ant1	5230	36.083	PASS
11N40SISO	Ant1	5755	36.170	PASS
11N40SISO	Ant1	5795	36.138	PASS
11AC40SISO	Ant1	5190	36.046	PASS
11AC40SISO	Ant1	5230	36.059	PASS
11AC40SISO	Ant1	5755	36.148	PASS
11AC40SISO	Ant1	5795	36.158	PASS
Test Mode	Antenna	Channel	OBW[MHz]	Verdict
11AC80SISO	Ant1	5210	75.180	PASS
11AC80SISO	Ant1	5775	75.477	PASS

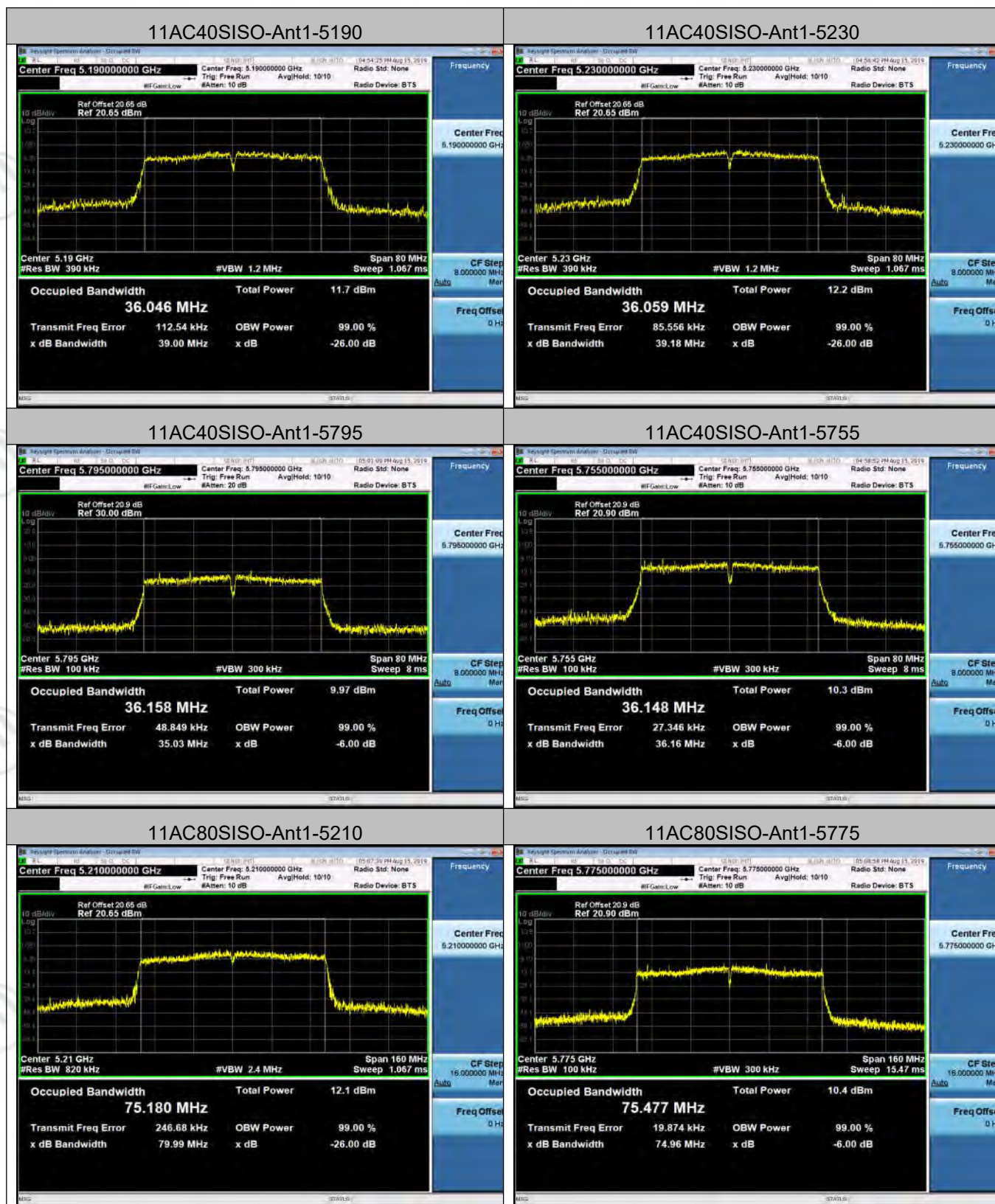
Test Graph







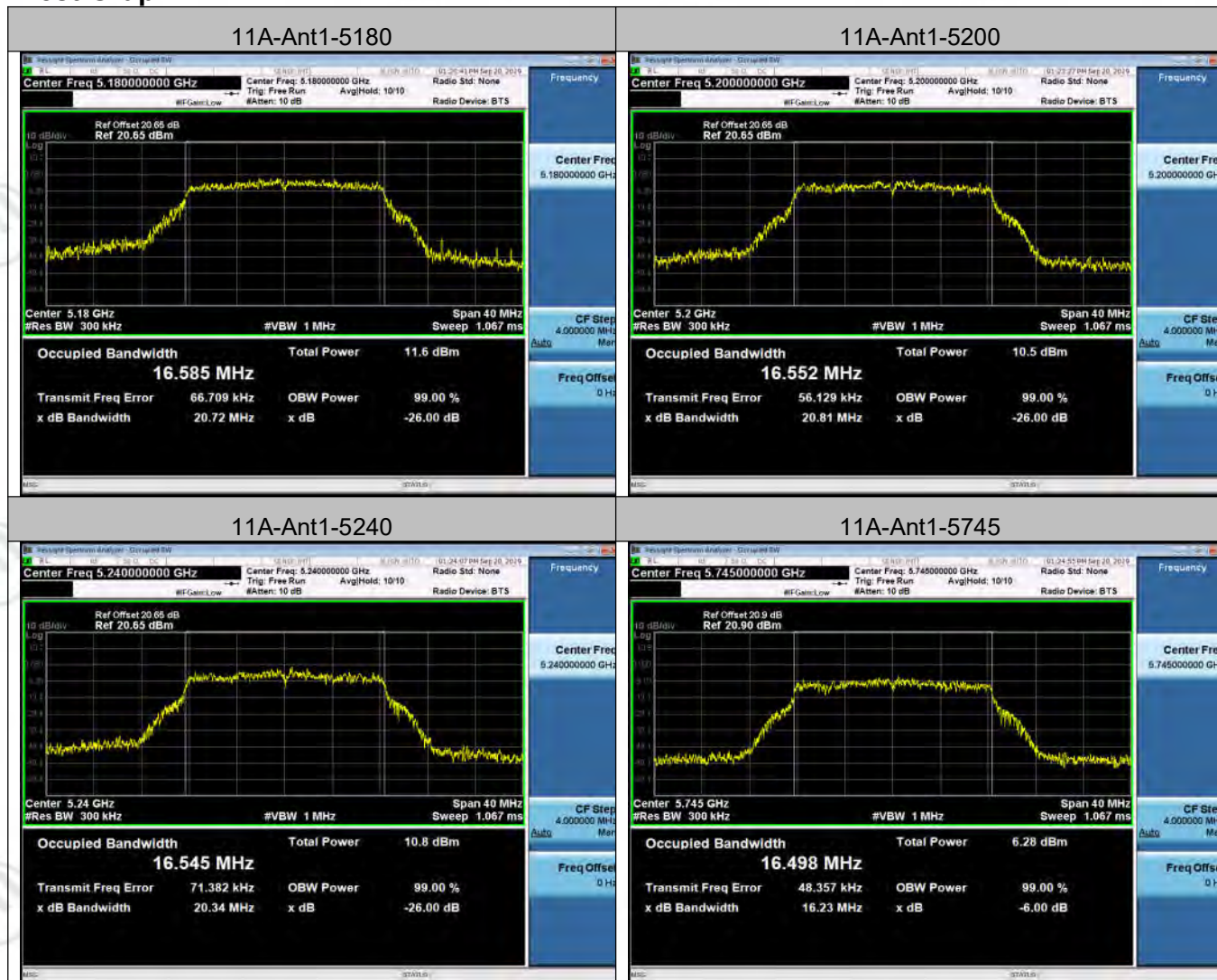


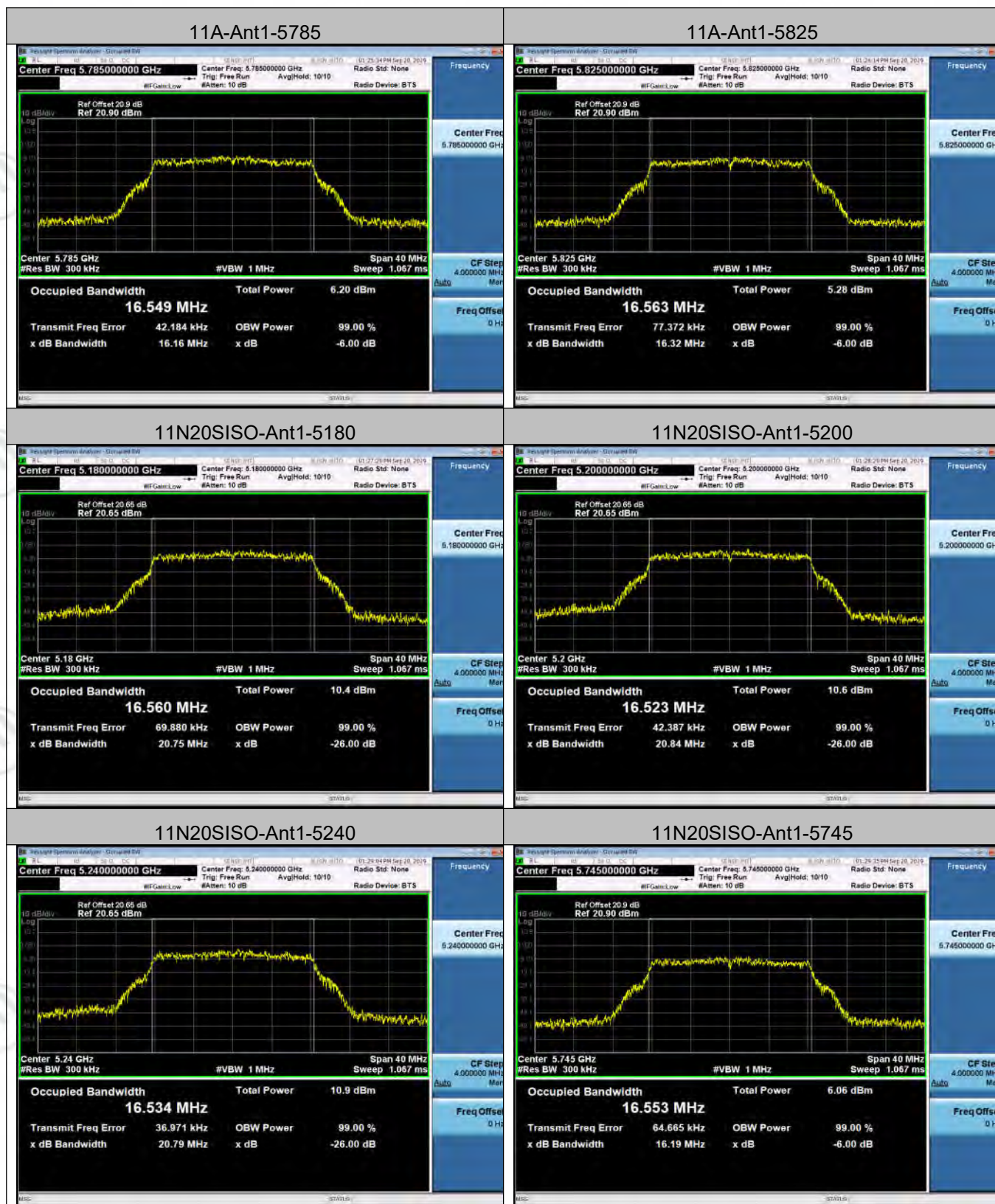


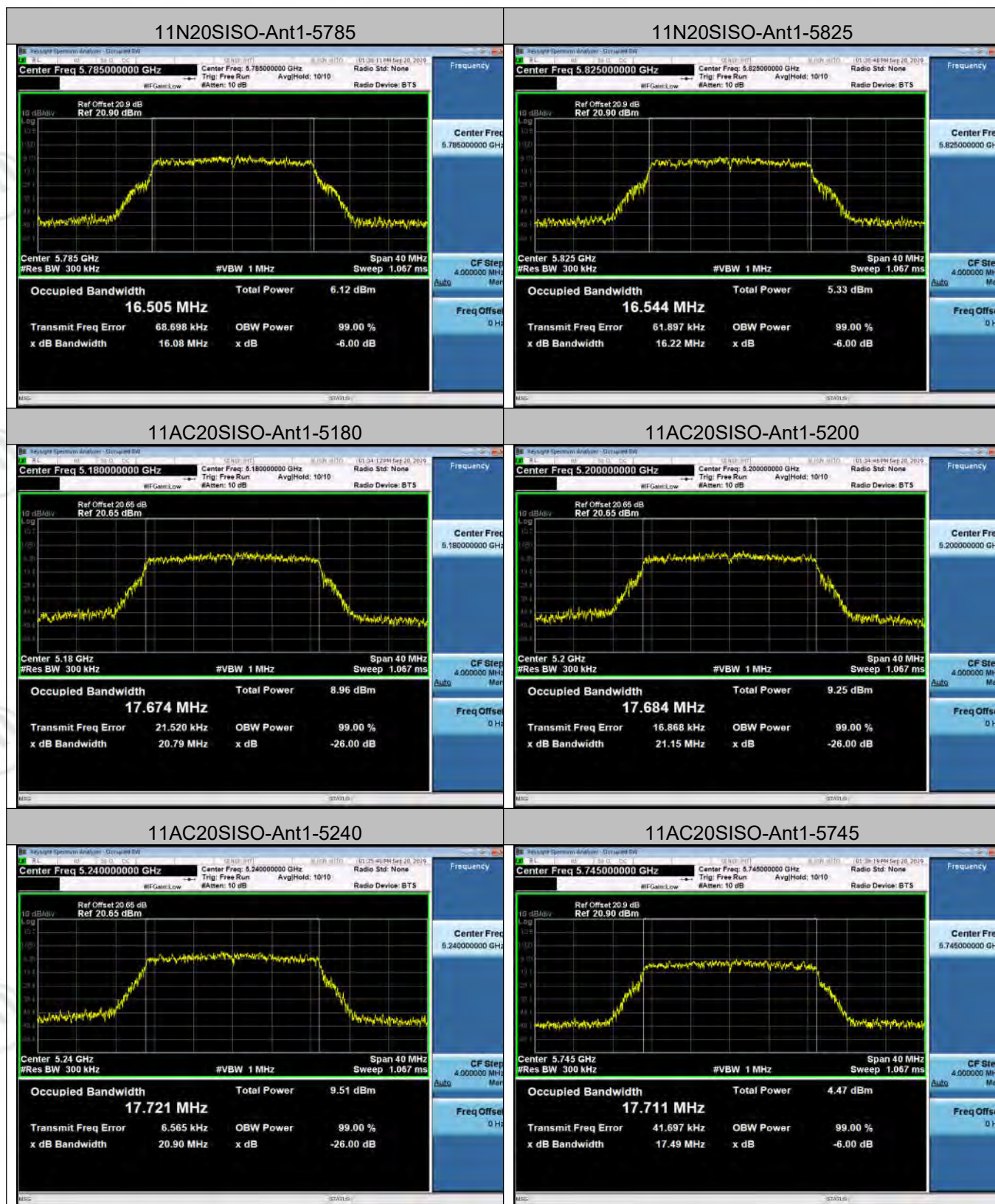
6 & 26dB Emission Bandwidth

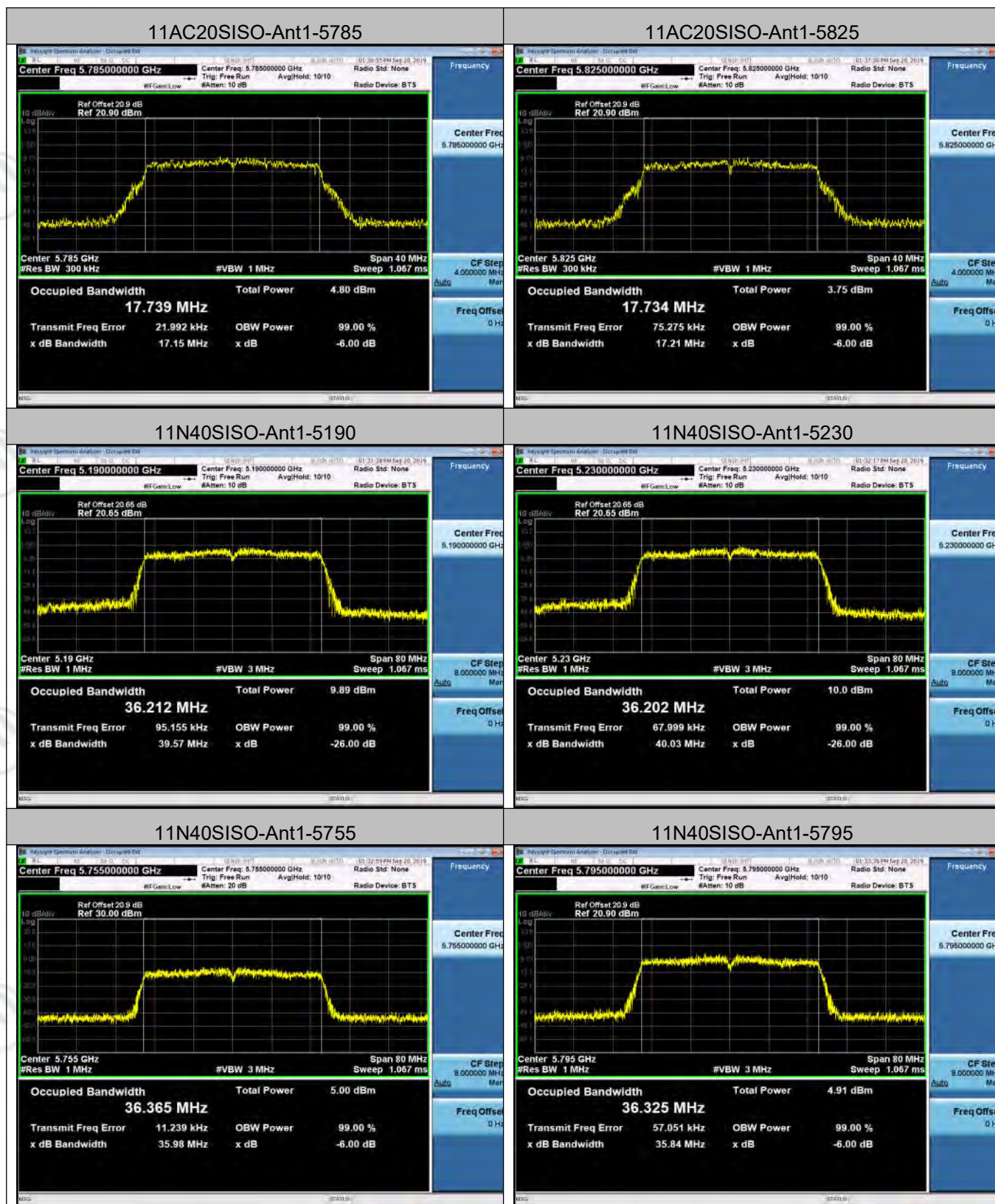
Test Mode	Antenna	Channel	EBW[MHz]	Verdict
11A	Ant1	5180	20.72	PASS
11A	Ant1	5200	20.81	PASS
11A	Ant1	5240	20.34	PASS
11A	Ant1	5745	16.23	PASS
11A	Ant1	5785	16.16	PASS
11A	Ant1	5825	16.32	PASS
11N20SISO	Ant1	5180	20.75	PASS
11N20SISO	Ant1	5200	20.84	PASS
11N20SISO	Ant1	5240	20.79	PASS
11N20SISO	Ant1	5745	16.19	PASS
11N20SISO	Ant1	5785	16.08	PASS
11N20SISO	Ant1	5825	16.22	PASS
11AC20SISO	Ant1	5180	20.79	PASS
11AC20SISO	Ant1	5200	21.15	PASS
11AC20SISO	Ant1	5240	20.90	PASS
11AC20SISO	Ant1	5745	17.49	PASS
11AC20SISO	Ant1	5785	17.15	PASS
11AC20SISO	Ant1	5825	17.21	PASS
11N40SISO	Ant1	5190	39.57	PASS
11N40SISO	Ant1	5230	40.03	PASS
11N40SISO	Ant1	5755	35.98	PASS
11N40SISO	Ant1	5795	35.84	PASS
11AC40SISO	Ant1	5190	39.70	PASS
11AC40SISO	Ant1	5230	40.16	PASS
11AC40SISO	Ant1	5755	35.89	PASS
11AC40SISO	Ant1	5795	35.87	PASS
Test Mode	Antenna	Channel	EBW[MHz]	Verdict
11AC80SISO	Ant1	5210	79.35	PASS
11AC80SISO	Ant1	5775	75.14	PASS

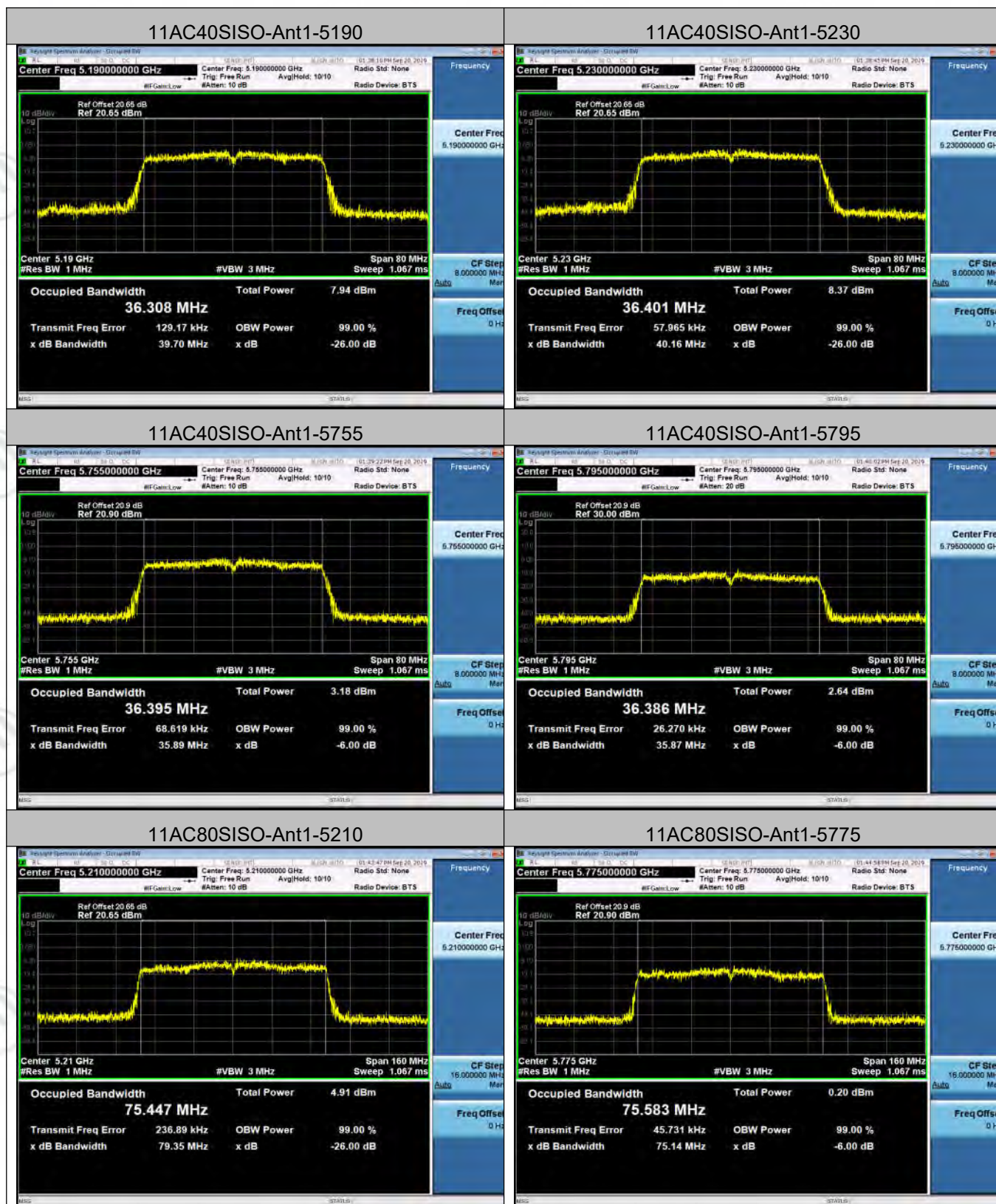
Test Graph











Appendix C): Maximum Conduct Output Power

Test Limit

According to §15.407 (a)(1), 15.407(a)(2) and 15.407(a)(3),

UNII-1 :

FCC

For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW (24 dBm), whichever power is less. B is the 99% emission bandwidth in megahertz, provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

IC

For OEM devices installed in vehicles, the maximum e.i.r.p. shall not exceed 30 mW or $1.76 + 10 \log_{10} B$, dBm, whichever is less. Devices shall implement transmitter power control (TPC) in order to have the capability to operate at least 3 dB below the maximum permitted e.i.r.p. of 30 mW.

For other devices, the maximum e.i.r.p. shall not exceed 200 mW or $10 + 10 \log_{10} B$, dBm, whichever power is less. B is the 99% emission bandwidth in megahertz. The e.i.r.p. spectral density shall not exceed 10 dBm in any 1.0 MHz band.

UNII-2a and 2c:

The maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. and The maximum e.i.r.p. shall not exceed 1.0 W or $17 + 10 \log_{10} B$, dBm, whichever power is less. B is the 99% emission bandwidth in MHz. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

UNII-3:

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

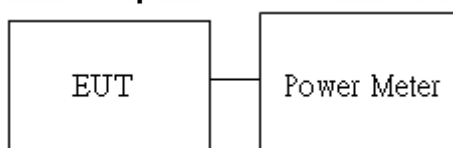
UNII-1 Limit	☒ Antenna not exceed 6 dBi: 24dBm ☐ Antenna with DG greater than 6 dBi: [Limit = 24 – (DG – 6)]
UNII-2a/2c Limit	☒ Antenna not exceed 6 dBi: 24dBm ☐ Antenna with DG greater than 6 dBi: [Limit = 24 – (DG – 6)]
UNII-3 Limit	☒ Antenna not exceed 6 dBi: 30dBm ☐ Antenna with DG greater than 6 dBi: [Limit = 30 – (DG – 6)]

Test Procedure

Test method Refer as KDB 789033 D02, Section E.3.b.

1. The EUT RF output connected to the power meter by RF cable.
2. Setting maximum power transmit of EUT.
3. The path loss was compensated to the results for each measurement.
4. Measure and record the result of Average output power. in the test report.

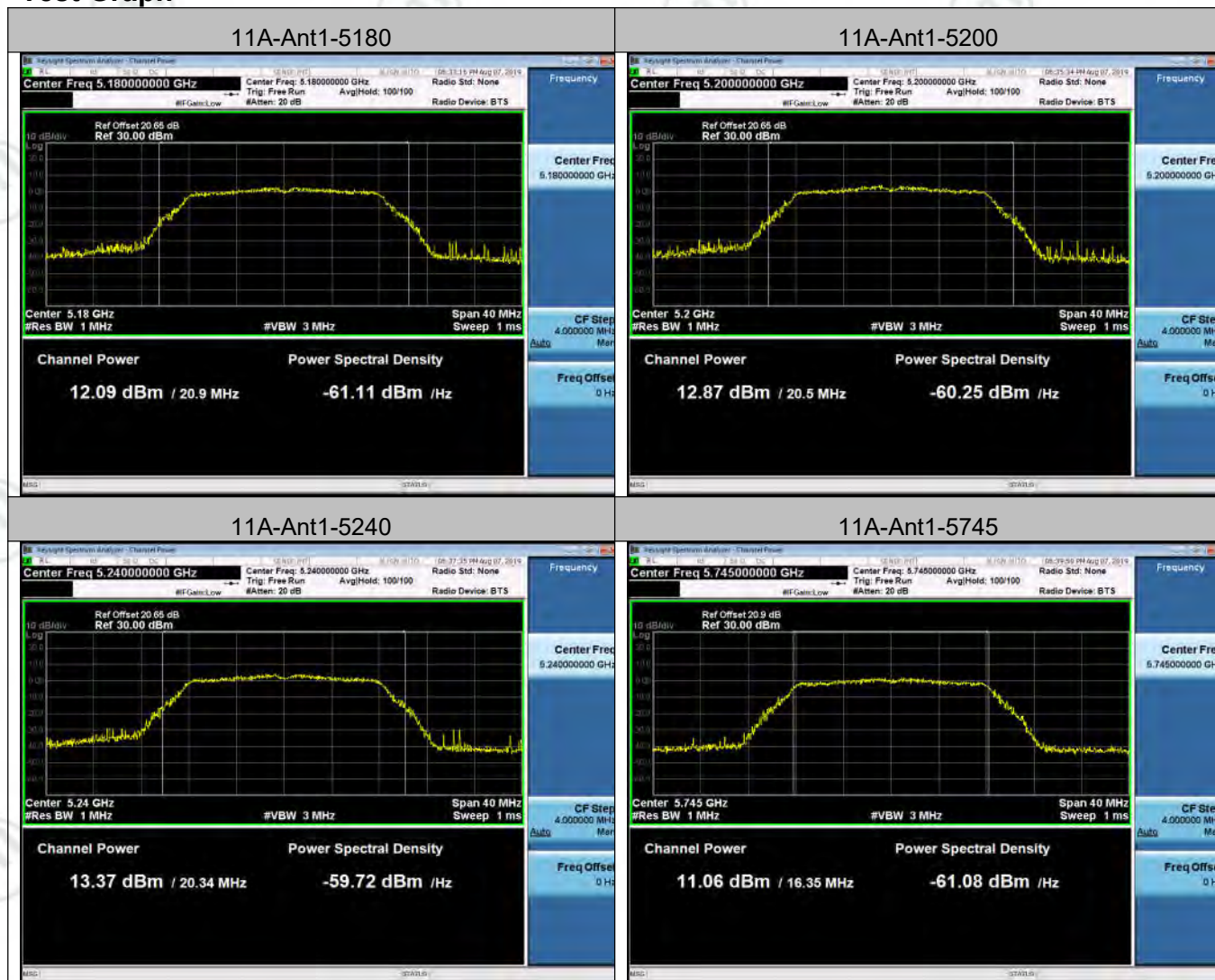
Test Setup



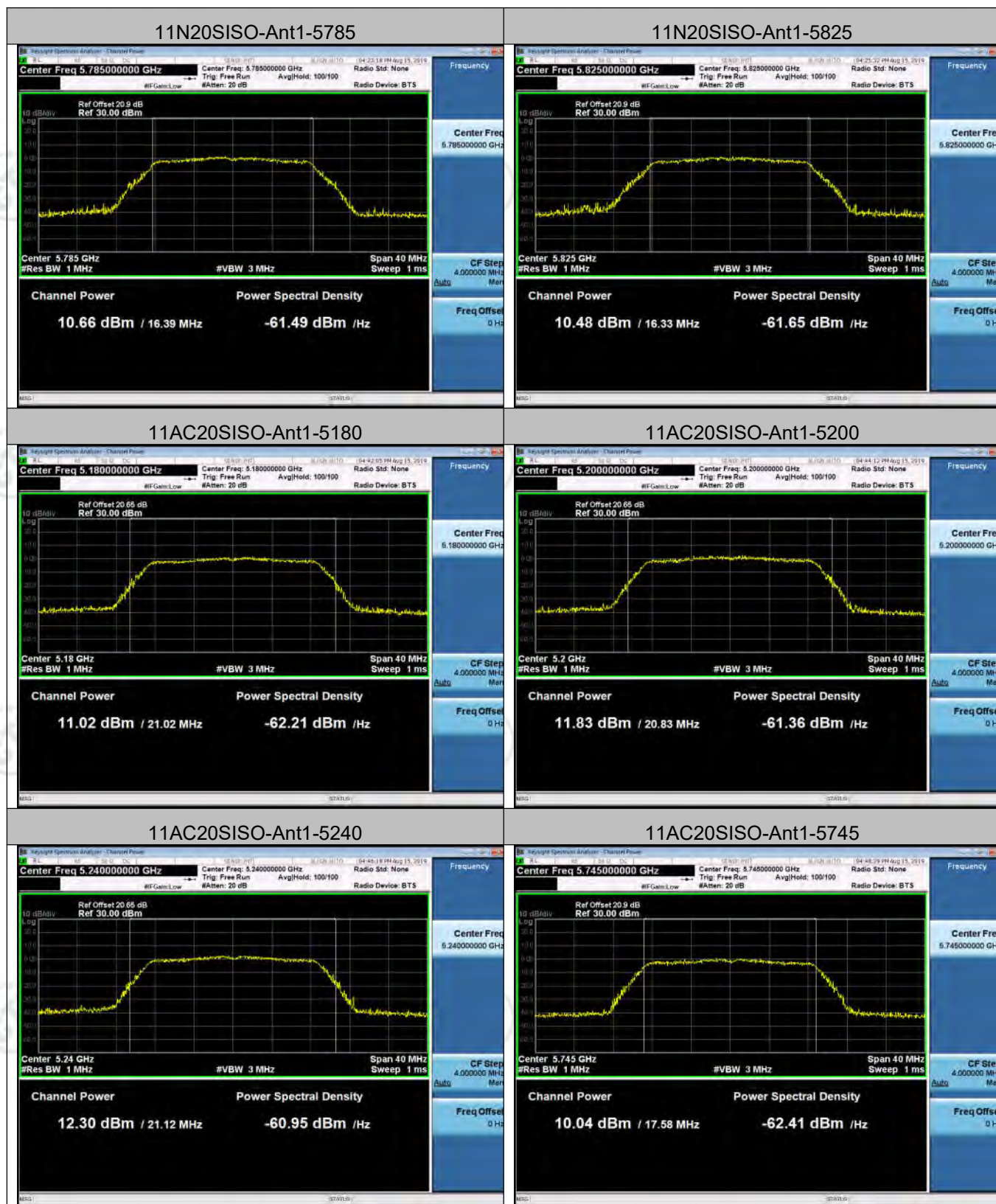
Result Table

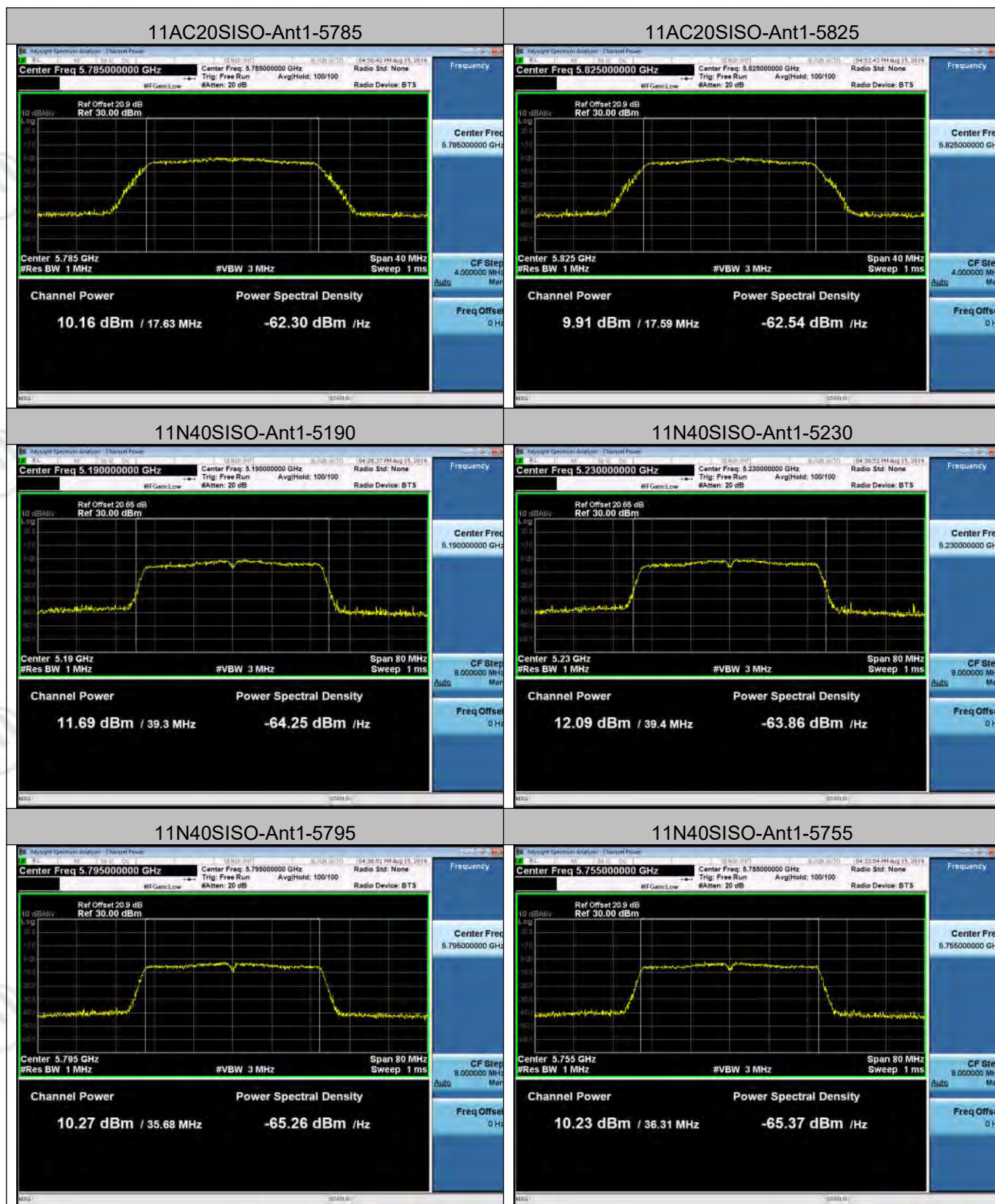
Test Mode	Antenna	Channel	Meas.Level [dBm]	Av.Power [dBm]	Verdict
11A	Ant1	5180	12.09	12.17	PASS
11A	Ant1	5200	12.87	12.95	PASS
11A	Ant1	5240	13.37	13.44	PASS
11A	Ant1	5745	11.06	11.14	PASS
11A	Ant1	5785	11.2	11.28	PASS
11A	Ant1	5825	11.13	11.21	PASS
11N20SISO	Ant1	5180	11.43	11.5	PASS
11N20SISO	Ant1	5200	12.2	12.28	PASS
11N20SISO	Ant1	5240	12.68	12.76	PASS
11N20SISO	Ant1	5745	10.5	10.57	PASS
11N20SISO	Ant1	5785	10.66	10.74	PASS
11N20SISO	Ant1	5825	10.48	10.55	PASS
11AC20SISO	Ant1	5180	11.02	11.1	PASS
11AC20SISO	Ant1	5200	11.83	11.92	PASS
11AC20SISO	Ant1	5240	12.3	12.38	PASS
11AC20SISO	Ant1	5745	10.04	10.13	PASS
11AC20SISO	Ant1	5785	10.16	10.24	PASS
11AC20SISO	Ant1	5825	9.91	10	PASS
11N40SISO	Ant1	5190	11.69	11.79	PASS
11N40SISO	Ant1	5230	12.09	12.19	PASS
11N40SISO	Ant1	5755	10.23	10.32	PASS
11N40SISO	Ant1	5795	10.27	10.37	PASS
11AC40SISO	Ant1	5190	11.63	11.73	PASS
11AC40SISO	Ant1	5230	12.34	12.43	PASS
11AC40SISO	Ant1	5755	10.23	10.32	PASS
11AC40SISO	Ant1	5795	10.38	10.48	PASS
11AC80SISO	Ant1	5210	7.17	7.34	PASS
11AC80SISO	Ant1	5775	5.53	5.69	PASS

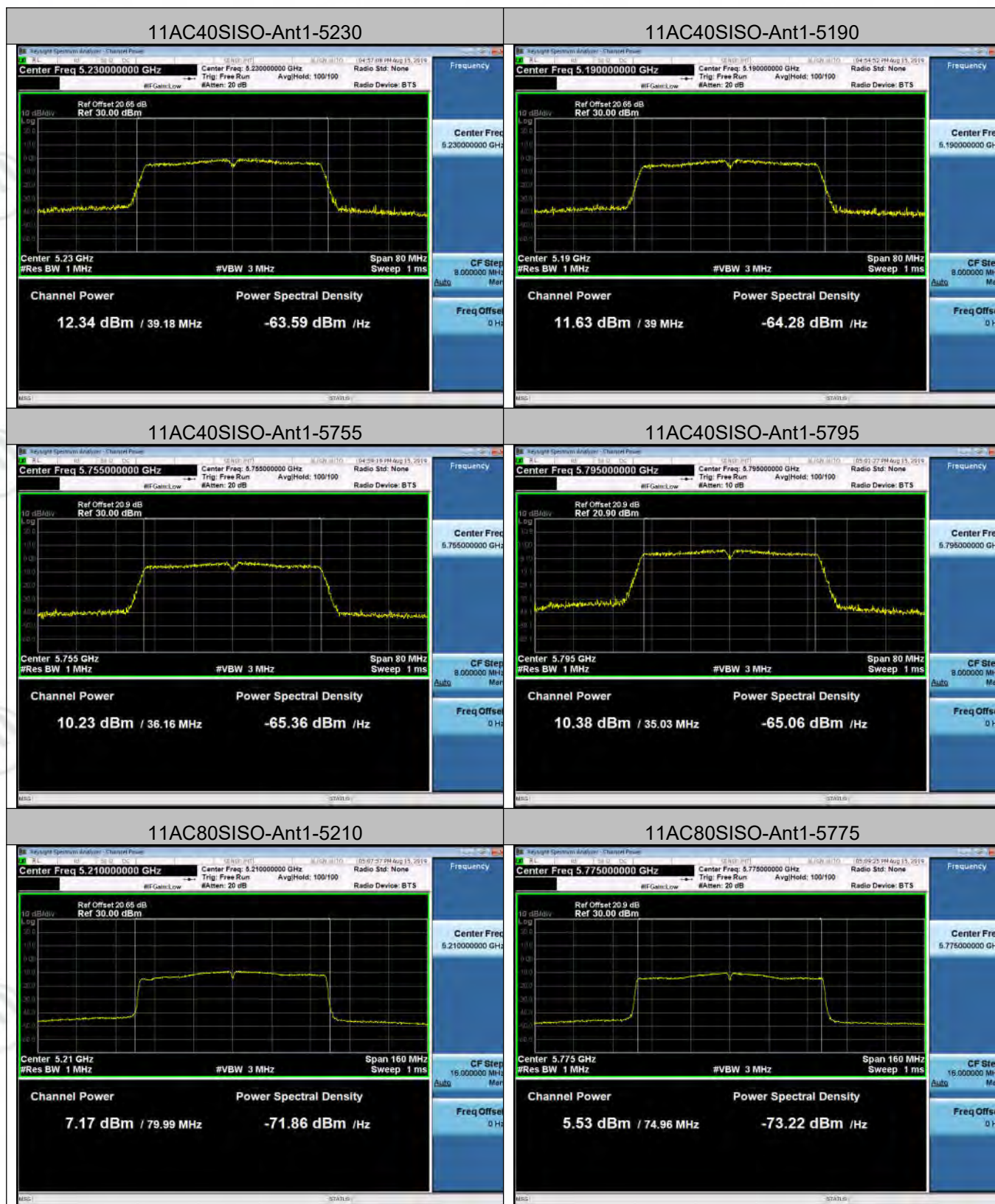
Test Graph











Appendix D): Power Spectral Density

Test Limit

According to §15.407 (a)(1), 15.407(a)(2) and 15.407(a)(3) and RSS-247 section 6.2.1.1 and section 6.2.4.1

UNII-1 :

FCC: The maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band.

IC: The e.i.r.p. spectral density shall not exceed 10 dBm in any 1.0 MHz band.

If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

UNII-2a and 2c:

The maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band.

If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

UNII-3:

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

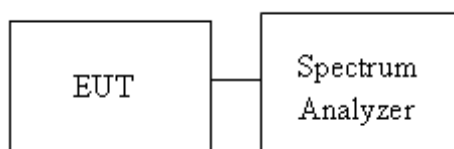
UNII-1 Limit	☒ Antenna not exceed 6 dBi: 11 dBm ☐ Antenna with DG greater than 6 dBi: [Limit = 11 – (DG – 6)]
UNII-2a Limit	☒ Antenna not exceed 6 dBi: 11 dBm ☐ Antenna with DG greater than 6 dBi: [Limit = 11 – (DG – 6)]
UNII-2c Limit	☒ Antenna not exceed 6 dBi: 11 dBm ☐ Antenna with DG greater than 6 dBi: [Limit = 11 – (DG – 6)]
UNII-3 Limit	☒ Antenna not exceed 6 dBi: 30 dBm ☐ Antenna with DG greater than 6 dBi: [Limit = 30 – (DG – 6)]

Test Procedure

Test method Refer as KDB 789033 D02

1. The EUT RF output connected to the spectrum analyzer by RF cable.
2. Setting maximum power transmit of EUT
3. UNII-1, UNII-2a and UNII-2c, SA set RBW = 1MHz, VBW = 3MHz and Detector = RMS, to measurement Power Density.
4. UNII-3, SA set RBW = 500kHz, VBW = 2MHz and Detector = RMS, to measurement Power Density
5. The path loss and Duty Factor were compensated to the results for each measurement by SA.
6. Mark the maximum level.
7. Measure and record the result of power spectral density. in the test report.

Test Setup

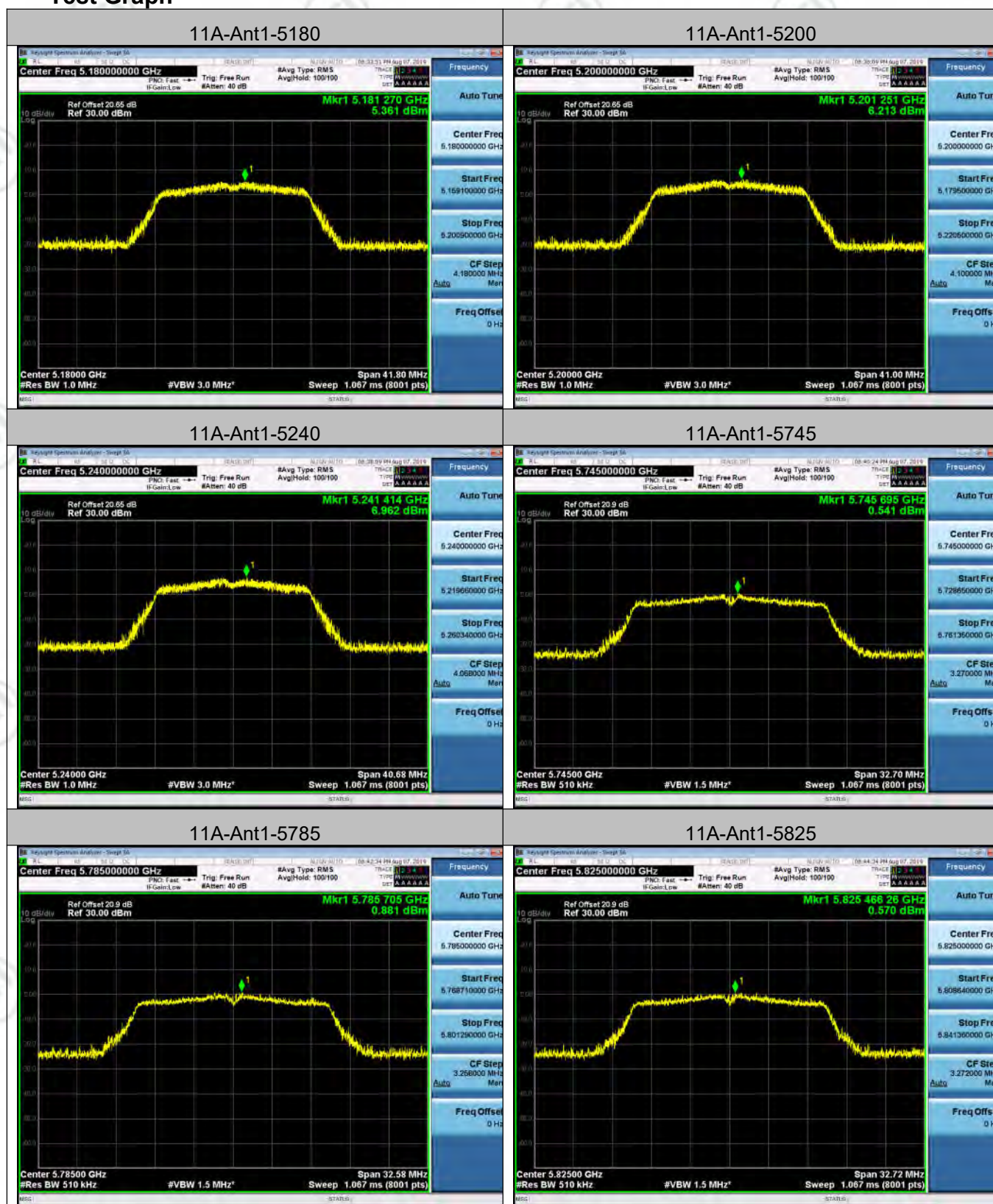


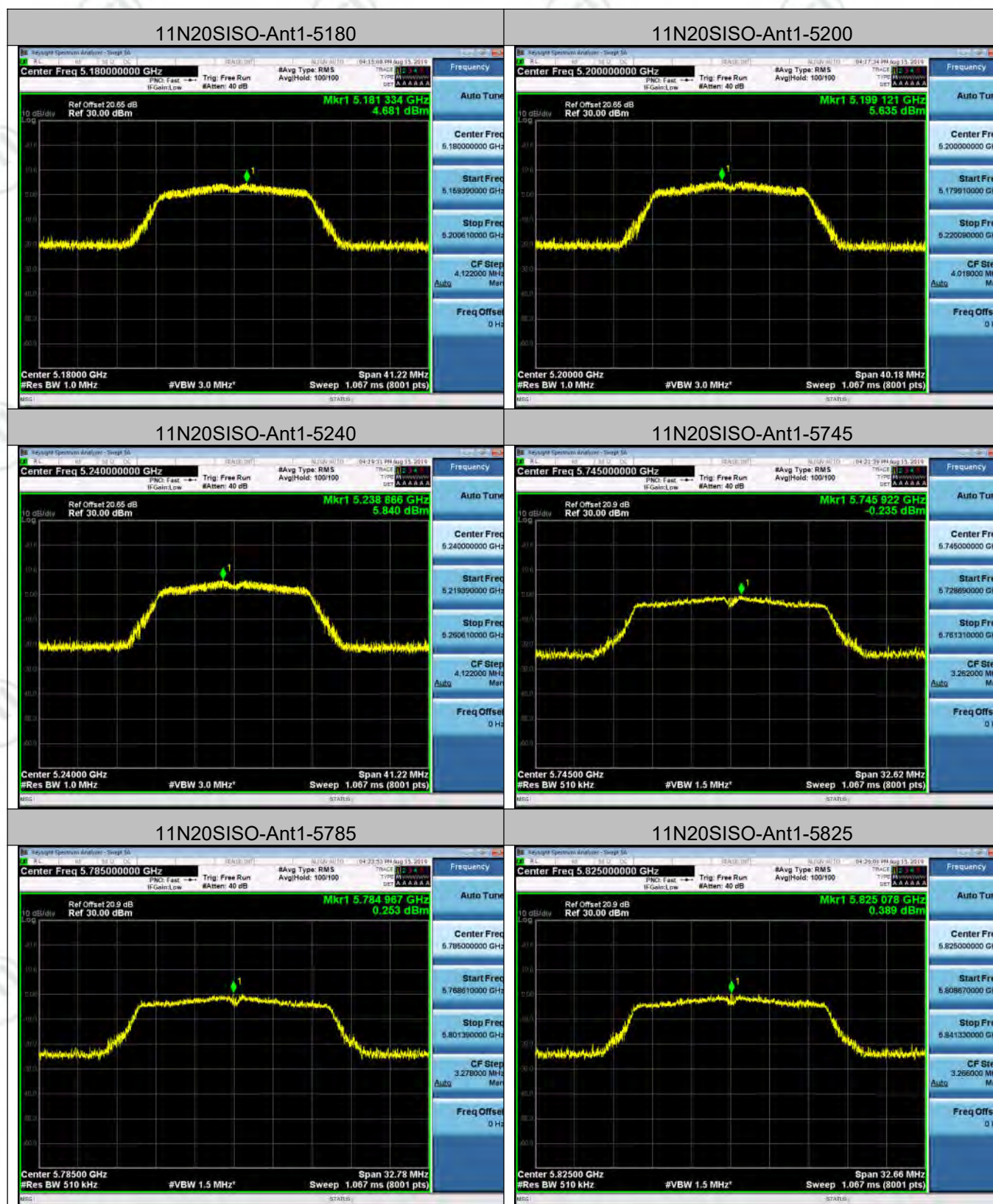
Result Table

Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/MHz]	Verdict
11A	Ant1	5180	5.36	5.44	PASS
11A	Ant1	5200	6.21	6.29	PASS
11A	Ant1	5240	6.96	7.04	PASS
Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/500kHz]	Verdict
11A	Ant1	5745	0.54	0.62	PASS
11A	Ant1	5785	0.88	0.96	PASS
11A	Ant1	5825	0.57	0.65	PASS
Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/MHz]	Verdict
11N20SISO	Ant1	5180	4.68	4.76	PASS
11N20SISO	Ant1	5200	5.64	5.71	PASS
11N20SISO	Ant1	5240	5.84	5.92	PASS
Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/500kHz]	Verdict
11N20SISO	Ant1	5745	-0.24	-0.16	PASS
11N20SISO	Ant1	5785	0.25	0.33	PASS
11N20SISO	Ant1	5825	0.39	0.46	PASS

Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/MHz]	Verdict
11N40SISO	Ant1	5190	2.38	2.48	PASS
11N40SISO	Ant1	5230	2.52	2.62	PASS
Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/500kHz]	Verdict
11N40SISO	Ant1	5755	-3.06	-2.97	PASS
11N40SISO	Ant1	5795	-2.19	-2.09	PASS
Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/MHz]	Verdict
11AC20SISO	Ant1	5180	4.19	4.26	PASS
11AC20SISO	Ant1	5200	4.95	5.04	PASS
11AC20SISO	Ant1	5240	5.40	5.47	PASS
Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/500kHz]	Verdict
11AC20SISO	Ant1	5745	0.05	0.14	PASS
11AC20SISO	Ant1	5785	-0.41	-0.33	PASS
11AC20SISO	Ant1	5825	-0.56	-0.47	PASS
Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/MHz]	Verdict
11AC40SISO	Ant1	5190	2.06	2.15	PASS
11AC40SISO	Ant1	5230	2.82	2.91	PASS
Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/500kHz]	Verdict
11AC40SISO	Ant1	5755	-3.10	-3.02	PASS
11AC40SISO	Ant1	5795	-2.91	-2.81	PASS
Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/MHz]	Verdict
11AC80SISO	Ant1	5210	-0.82	-0.65	PASS
Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/500kHz]	Verdict
11AC80SISO	Ant1	5775	-6.54	-6.38	PASS

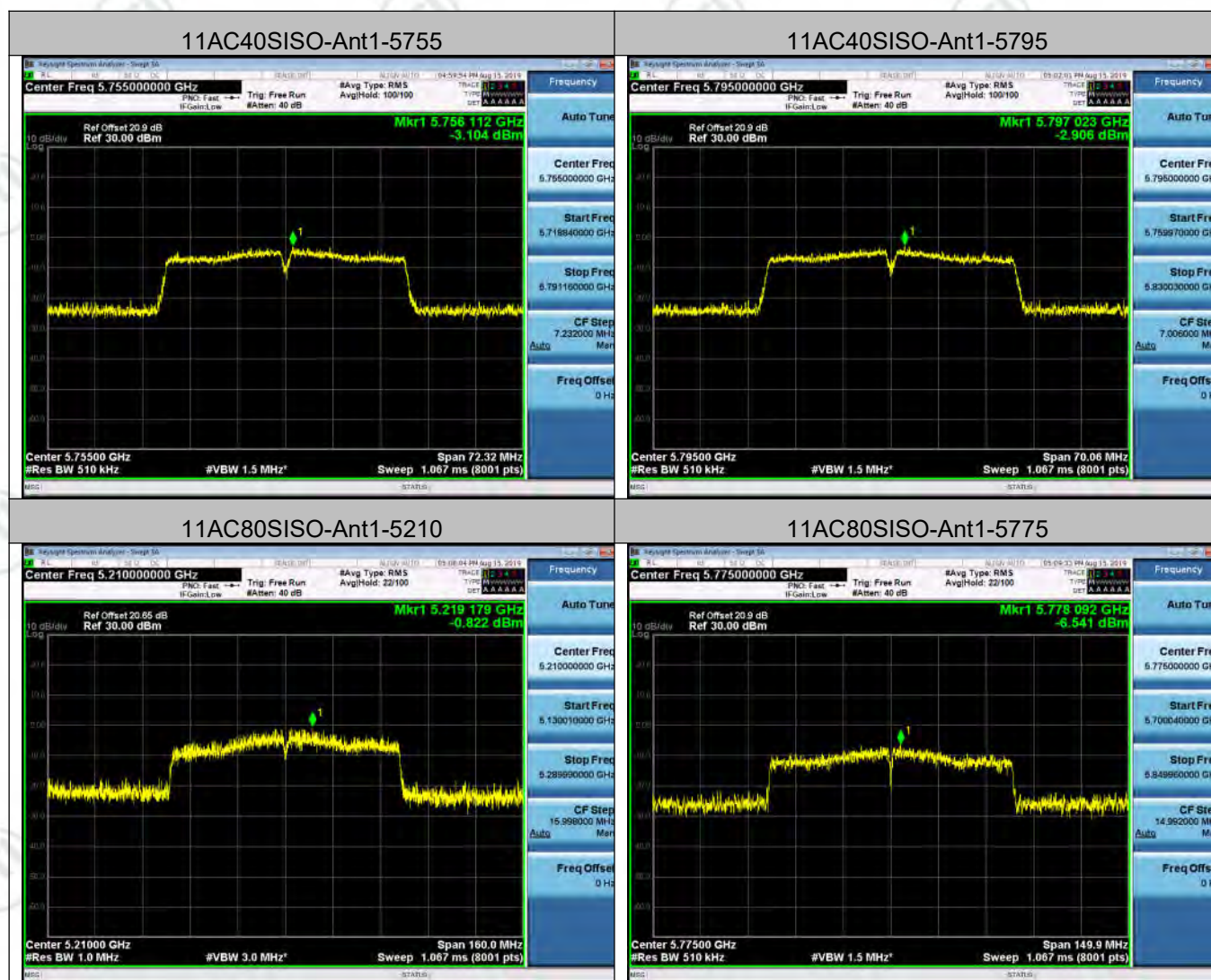
Test Graph











Appendix E): Band Edge Measurements

Test Limit

FCC according to §15.407, §15.209 and §15.205,

IC according to RSS-247 section 6.2.1.2 and section 6.2.4.2

UNII-1 :

For transmitters operating in the band 5150-5250 MHz, all emissions outside the band 5150-5350 MHz shall not exceed -27 dBm/MHz e.i.r.p. However, any unwanted emissions that fall into the band 5250-5350 MHz must be 26 dBc, when measured using a resolution bandwidth between 1 and 5% of the occupied bandwidth, above 5.25 GHz. Otherwise, the transmission is considered as intentional and the devices shall implement dynamic frequency selection (DFS) and transmitter power control (TPC) as per the requirements for the band 5250-5350 MHz

UNII-2a and 2c :

For devices with operating frequencies in the band 5250-5350 MHz but having a channel bandwidth that overlaps the band 5150-5250 MHz, the devices' unwanted emission shall not exceed -27 dBm/MHz e.i.r.p. outside the band 5150-5350 MHz and its power shall comply with the spectral power density for operation within the band 5150-5250 MHz. The device shall be labelled "for indoor use only." Emissions outside the band 5470-5725 MHz shall not exceed -27 dBm/MHz e.i.r.p.

UNII-3:

All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

Result Table

Test Mode	Antenna	Channel	Max.Level [dBm]		Verdict
11A	Ant1	5180	-47.003		PASS
11A	Ant1	5240	-48.076		PASS
Test Mode	Antenna	Channel	Max.Level [dBm]		Verdict
			Below 5715	5715-5725	
11A	Ant1	5745	-48.281	-48.551	PASS
Test Mode	Antenna	Channel	Max.Level [dBm]		Verdict
			5850-5860	Above 5860	
11A	Ant1	5825	-46.755	-47.222	PASS

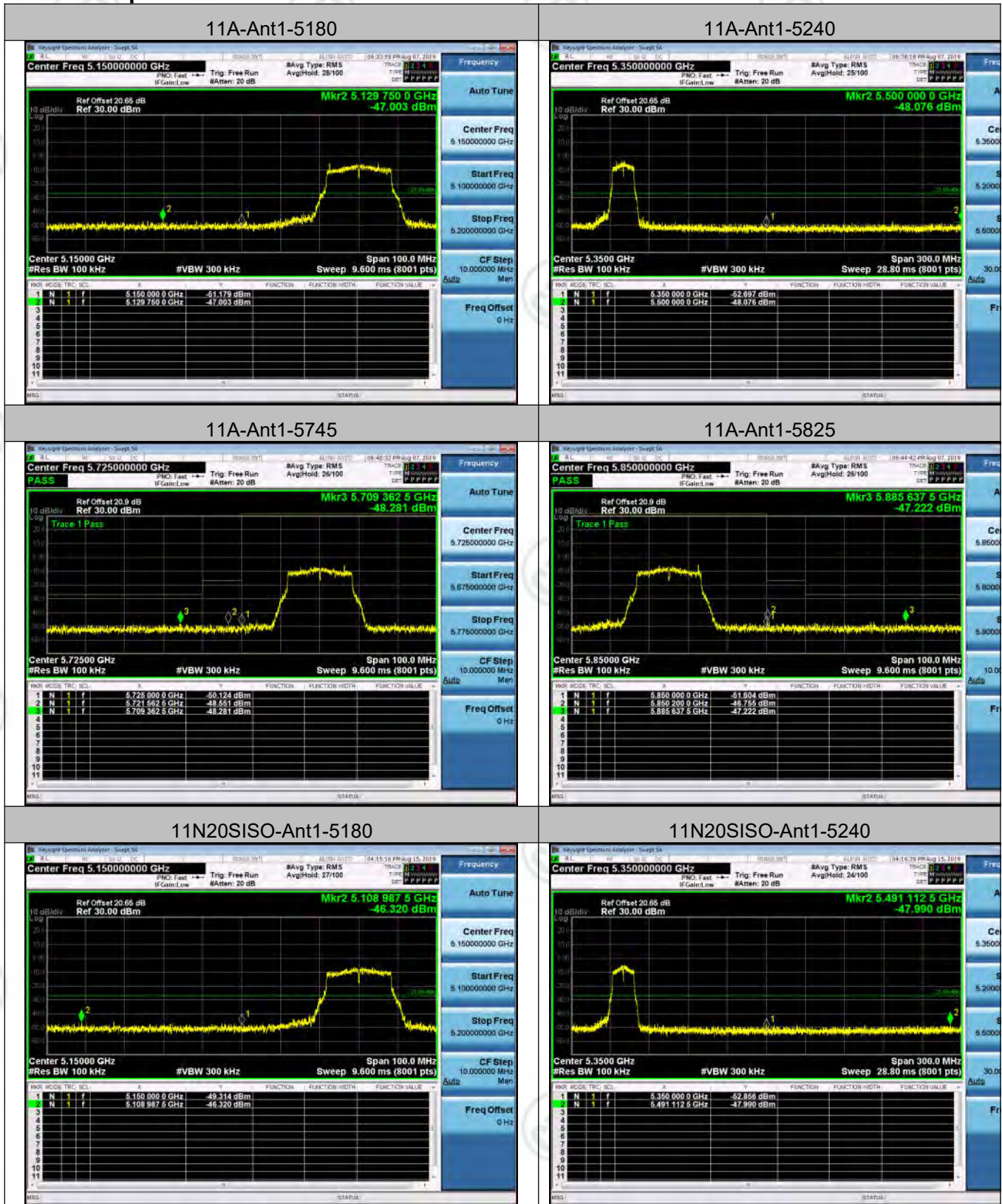
Test Mode	Antenna	Channel	Max.Level [dBm]		Verdict
11N20SISO	Ant1	5180	-46.32		PASS
11N20SISO	Ant1	5240	-47.99		PASS
Test Mode	Antenna	Channel	Max.Level [dBm]		Verdict
			Below 5715	5715-5725	
11N20SISO	Ant1	5745	-48.123	-48.113	PASS
Test Mode	Antenna	Channel	Max.Level [dBm]		Verdict
			5850-5860	Above 5860	
11N20SISO	Ant1	5825	-48.522	-47.394	PASS

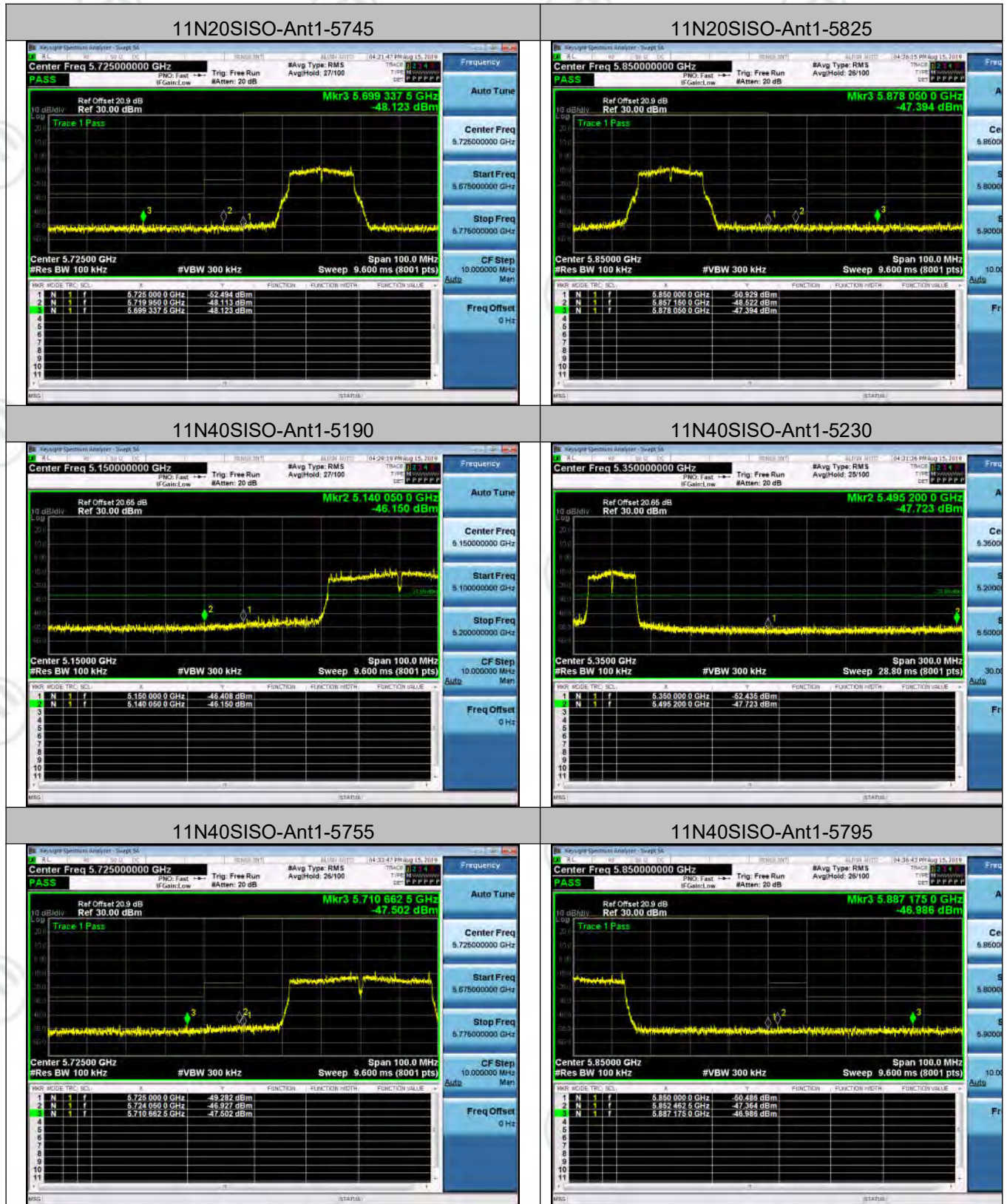
Test Mode	Antenna	Channel	Max.Level [dBm]		Verdict
11N40SISO	Ant1	5190	-48.941		PASS
11N40SISO	Ant1	5230	-52.435		PASS
Test Mode	Antenna	Channel	Max.Level [dBm]		Verdict
			Below 5715	5715-5725	
11N40SISO	Ant1	5755	-47.502	-46.927	PASS
Test Mode	Antenna	Channel	Max.Level [dBm]		Verdict
			5850-5860	Above 5860	
11N40SISO	Ant1	5795	-47.364	-46.986	PASS

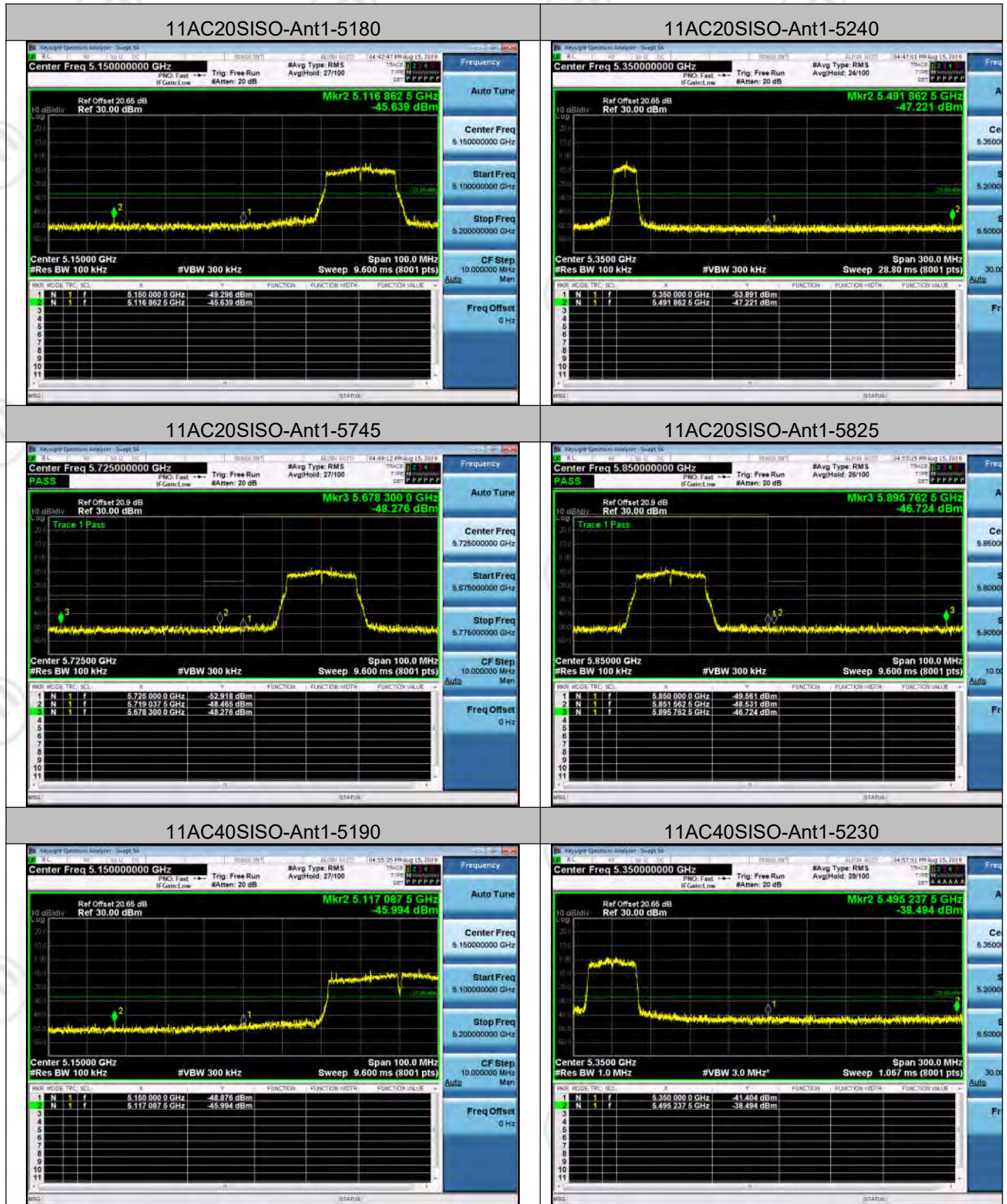
Test Mode	Antenna	Channel	Max.Level [dBm]		Verdict
11AC20SISO	Ant1	5180	-45.639		PASS
11AC20SISO	Ant1	5240	-47.221		PASS
Test Mode	Antenna	Channel	Max.Level [dBm]		Verdict
			Below 5715	5715-5725	
11AC20SISO	Ant1	5745	-48.276	-48.465	PASS
Test Mode	Antenna	Channel	Max.Level [dBm]		Verdict
			5850-5860	Above 5860	
11AC20SISO	Ant1	5825	-48.531	-46.724	PASS

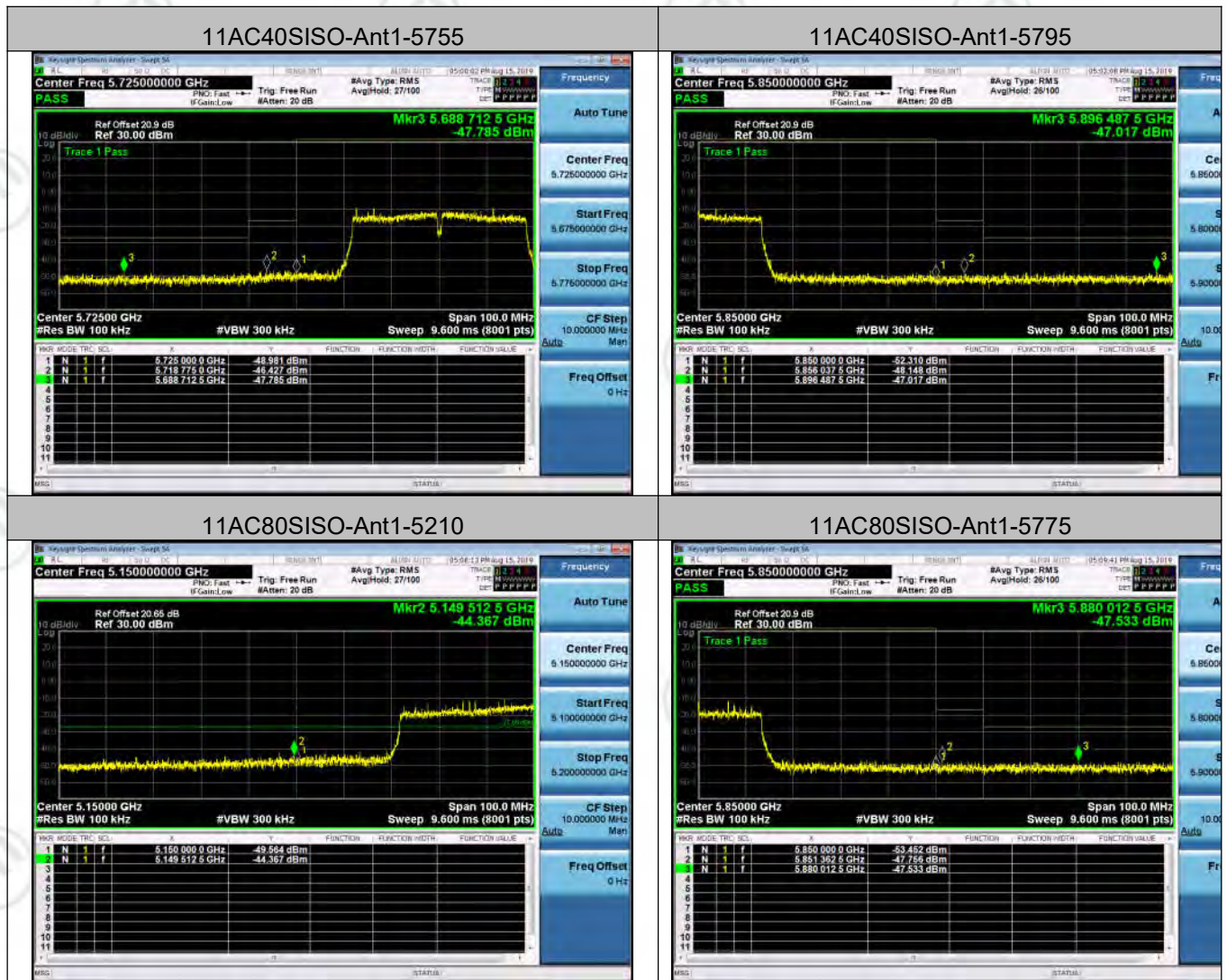
Test Mode	Antenna	Channel	Max.Level [dBm]		Verdict
11AC40SISO	Ant1	5190	-48.876		PASS
11AC40SISO	Ant1	5230	-41.404		PASS
Test Mode	Antenna	Channel	Max.Level [dBm]		Verdict
			Below 5715	5715-5725	
11AC40SISO	Ant1	5755	-47.785	-46.427	PASS
Test Mode	Antenna	Channel	Max.Level [dBm]		Verdict
			5850-5860	Above 5860	
11AC40SISO	Ant1	5795	-48.148	-47.017	PASS
Test Mode	Antenna	Channel	Max.Level [dBm]		Verdict
11AC80SISO	Ant1	5210	-49.564		PASS
Test Mode	Antenna	Channel	Max.Level [dBm]		Verdict
			5850-5860	Above 5860	
11AC80SISO	Ant1	5775	-47.756	-47.533	PASS

Test Graph









Appendix F): Frequency Stability

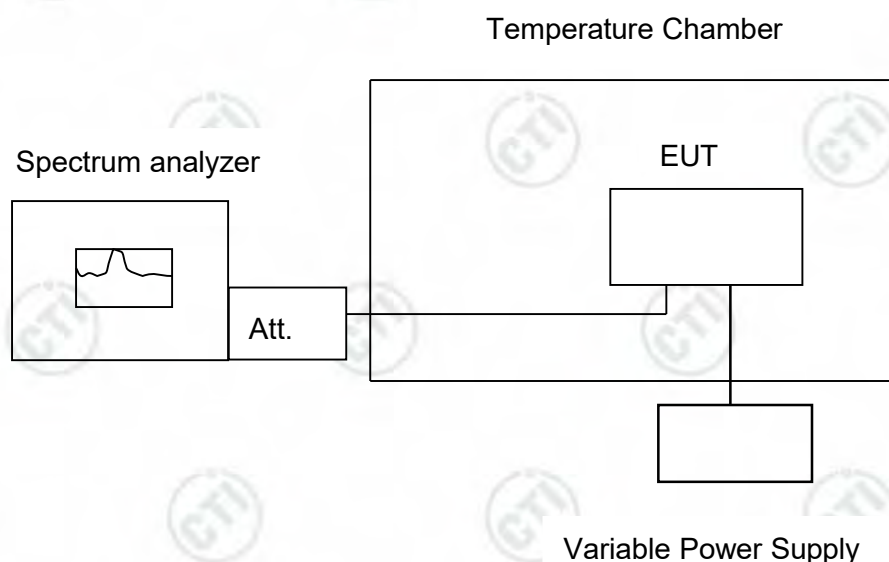
Test Limit

According to §15.407(g) manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the operational description.

Test Procedure

The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 20°C operating frequency as reference frequency. Turn EUT off and set the chamber temperature to 0°C. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10°C increased per stage until the highest temperature of +50°C reached.

Test Setup



Result Table
Frequency Error vs. Voltage:

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11A	Ant1	5180	TN	VL	5180.075	14.478764	PASS
			TN	VN	5180.03	5.791506	PASS
			TN	VH	5180.06	11.583012	PASS
11A	Ant1	5200	TN	VL	5200.045	8.653846	PASS
			TN	VN	5200.06	11.538462	PASS
			TN	VH	5200.06	11.538462	PASS
11A	Ant1	5240	TN	VL	5240.045	8.587786	PASS
			TN	VN	5240.06	11.450382	PASS
			TN	VH	5240.06	11.450382	PASS
11A	Ant1	5745	TN	VL	5745.045	7.832898	PASS
			TN	VN	5745.09	15.665796	PASS
			TN	VH	5745.03	5.221932	PASS
11A	Ant1	5785	TN	VL	5785.015	2.592913	PASS
			TN	VN	5785.06	10.371651	PASS
			TN	VH	5785.03	5.185825	PASS
11A	Ant1	5825	TN	VL	5825.045	7.725322	PASS
			TN	VN	5825.105	18.025751	PASS
			TN	VH	5825.045	7.725322	PASS

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11N20	Ant1	5180	TN	VL	5180.045	8.687259	PASS
			TN	VN	5180.03	5.791506	PASS
			TN	VH	5180.045	8.687259	PASS
11N20	Ant1	5200	TN	VL	5199.97	-5.769231	PASS
			TN	VN	5200.045	8.653846	PASS
			TN	VH	5200.06	11.538462	PASS
11N20	Ant1	5240	TN	VL	5240	0	PASS
			TN	VN	5240.03	5.725191	PASS
			TN	VH	5240.03	5.725191	PASS
11N20	Ant1	5745	TN	VL	5745.015	2.610966	PASS
			TN	VN	5745.09	0	PASS
			TN	VH	5745.03	7.832898	PASS

11N20	Ant1	5785	TN	VL	5785.015	2.592913	PASS
			TN	VN	5785.015	2.592913	PASS
			TN	VH	5785.06	10.371651	PASS
11N20	Ant1	5825	TN	VL	5825.045	7.725322	PASS
			TN	VN	5825.09	15.450644	PASS
			TN	VH	5825.06	10.300429	PASS

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11N40	Ant1	5190	TN	VL	5190.09	17.34104	PASS
			TN	VN	5190.06	11.560694	PASS
			TN	VH	5190.06	11.560694	PASS
11N40	Ant1	5230	TN	VL	5230.06	11.472275	PASS
			TN	VN	5230.09	17.208413	PASS
			TN	VH	5230.09	17.208413	PASS
11N40	Ant1	5755	TN	VL	5755.09	15.638575	PASS
			TN	VN	5755.06	10.425717	PASS
			TN	VH	5755	0	PASS
11N40	Ant1	5795	TN	VL	5795.06	10.353753	PASS
			TN	VN	5795.06	10.353753	PASS
			TN	VH	5795	0	PASS

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11AC20	Ant1	5180	TN	VL	5180.075	14.478764	PASS
			TN	VN	5180.075	14.478764	PASS
			TN	VH	5180.075	14.478764	PASS
11AC20	Ant1	5200	TN	VL	5200.03	5.769231	PASS
			TN	VN	5200	0	PASS
			TN	VH	5200.09	17.307692	PASS
11AC20	Ant1	5240	TN	VL	5240.045	8.587786	PASS
			TN	VN	5240.045	8.587786	PASS
			TN	VH	5240	0	PASS
11AC20	Ant1	5745	TN	VL	5745.015	2.610966	PASS
			TN	VN	5745.015	2.610966	PASS
			TN	VH	5745	0	PASS
11AC20	Ant1	5785	TN	VL	5784.985	-2.592913	PASS
			TN	VN	5785.03	5.185825	PASS
			TN	VH	5785.03	5.185825	PASS
11AC20	Ant1	5825	TN	VL	5825.075	12.875536	PASS
			TN	VN	5825.06	10.300429	PASS
			TN	VH	5825.06	10.300429	PASS

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11AC40	Ant1	5190	TN	VL	5190	0	PASS
			TN	VN	5190.04	7.707129	PASS
			TN	VH	5190.04	7.707129	PASS
11AC40	Ant1	5230	TN	VL	5230.08	15.296367	PASS
			TN	VN	5230	0	PASS
			TN	VH	5230.04	7.648184	PASS
11AC40	Ant1	5755	TN	VL	5755.04	6.950478	PASS
			TN	VN	5755	0	PASS
			TN	VH	5754.96	-6.950478	PASS
11AC40	Ant1	5795	TN	VL	5795	0	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
11AC80	Ant1	5210	TN	VL	5210	0	PASS
			TN	VN	5210.08	15.355086	PASS
			TN	VH	5210	0	PASS
11AC80	Ant1	5775	TN	VL	5775.08	13.852814	PASS
			TN	VN	5775.08	13.852814	PASS
			TN	VH	5774.92	-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	5180.06	11.583012	PASS
			40	VN	5180.06	11.583012	PASS
			30	VN	5180.045	8.687259	PASS
			20	VN	5180.045	8.687259	PASS
			10	VN	5180.075	14.478764	PASS
			0	VN	5180	0	PASS
11A	Ant1	5200	50	VN	5200.09	17.307692	PASS
			40	VN	5200.03	5.769231	PASS
			30	VN	5200.075	14.423077	PASS
			20	VN	5200.075	14.423077	PASS
			10	VN	5200.075	14.423077	PASS
			0	VN	5200.075	14.423077	PASS
11A	Ant1	5240	50	VN	5240.045	8.587786	PASS
			40	VN	5240.03	5.725191	PASS
			30	VN	5240.03	5.725191	PASS
			20	VN	5240.045	8.587786	PASS
			10	VN	5240.06	11.450382	PASS
			0	VN	5240	0	PASS
11A	Ant1	5745	50	VN	5745.09	15.665796	PASS
			40	VN	5745	0	PASS
			30	VN	5745.045	7.832898	PASS
			20	VN	5745.045	7.832898	PASS
			10	VN	5745.045	7.832898	PASS
			0	VN	5745.045	7.832898	PASS
11A	Ant1	5785	50	VN	5785.06	10.371651	PASS
			40	VN	5785.06	10.371651	PASS
			30	VN	5785	0	PASS
			20	VN	5785.06	10.371651	PASS
			10	VN	5785.06	10.371651	PASS
			0	VN	5785.06	10.371651	PASS

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11A	Ant1	5825	50	VN	5825.06	10.300429	PASS
			40	VN	5825.06	10.300429	PASS
			30	VN	5825.075	12.875536	PASS
			20	VN	5825.06	10.300429	PASS
			10	VN	5824.97	-5.150215	PASS
			0	VN	5824.985	-2.575107	PASS
11N20	Ant1	5180	50	VN	5180.045	8.687259	PASS
			40	VN	5180.09	17.374517	PASS
			30	VN	5180.075	14.478764	PASS
			20	VN	5179.985	-2.895753	PASS
			10	VN	5180.045	8.687259	PASS
			0	VN	5180.03	5.791506	PASS
11N20	Ant1	5200	50	VN	5200.06	11.538462	PASS
			40	VN	5200.06	11.538462	PASS
			30	VN	5200.09	17.307692	PASS
			20	VN	5200	0	PASS
			10	VN	5200.075	14.423077	PASS
			0	VN	5200.09	17.307692	PASS
11N20	Ant1	5240	50	VN	5240.075	14.312977	PASS
			40	VN	5240.045	8.587786	PASS
			30	VN	5240.015	2.862595	PASS
			20	VN	5240.015	2.862595	PASS
			10	VN	5240.045	8.587786	PASS
			0	VN	5240.03	5.725191	PASS
11N20	Ant1	5745	50	VN	5745.045	7.832898	PASS
			40	VN	5745.075	13.05483	PASS
			30	VN	5745.105	18.276762	PASS
			20	VN	5745	0	PASS
			10	VN	5745.015	2.610966	PASS
			0	VN	5745.075	13.05483	PASS

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11N20	Ant1	5785	50	VN	5785.06	10.371651	PASS
			40	VN	5785.03	5.185825	PASS
			30	VN	5785.03	5.185825	PASS
			20	VN	5785.045	7.778738	PASS
			10	VN	5785	0	PASS
			0	VN	5785.015	2.592913	PASS
11N20	Ant1	5825	50	VN	5825.03	5.150215	PASS
			40	VN	5825.015	2.575107	PASS
			30	VN	5825.03	5.150215	PASS
			20	VN	5825.06	10.300429	PASS
			10	VN	5825.03	5.150215	PASS
			0	VN	5825.015	2.575107	PASS
11N40	Ant1	5190	50	VN	5190	0	PASS
			40	VN	5190.09	17.34104	PASS
			30	VN	5190.06	11.560694	PASS
			20	VN	5190	0	PASS
			10	VN	5190.06	11.560694	PASS
			0	VN	5190.09	17.34104	PASS
11N40	Ant1	5230	50	VN	5230.06	11.472275	PASS
			40	VN	5230.03	5.736138	PASS
			30	VN	5230.06	11.472275	PASS
			20	VN	5230	0	PASS
			10	VN	5230.09	17.208413	PASS
			0	VN	5230.06	11.472275	PASS
11N40	Ant1	5755	50	VN	5755.06	10.425717	PASS
			40	VN	5755.06	10.425717	PASS
			30	VN	5755.03	5.212858	PASS
			20	VN	5755	0	PASS
			10	VN	5755.06	10.425717	PASS
			0	VN	5755.09	15.638575	PASS
11N40	Ant1	5795	50	VN	5795.09	15.53063	PASS
			40	VN	5795	0	PASS
			30	VN	5795.09	15.53063	PASS
			20	VN	5795	0	PASS
			10	VN	5795.09	15.53063	PASS
			0	VN	5795	0	PASS

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11AC20	Ant1	5180	50	VN	5180.09	17.374517	PASS
			40	VN	5180.06	11.583012	PASS
			30	VN	5180.09	17.374517	PASS
			20	VN	5180.06	11.583012	PASS
			10	VN	5180.09	17.374517	PASS
			0	VN	5180	0	PASS
11AC20	Ant1	5200	50	VN	5200.03	5.769231	PASS
			40	VN	5199.985	-2.884615	PASS
			30	VN	5200.045	8.653846	PASS
			20	VN	5200.015	2.884615	PASS
			10	VN	5200.045	8.653846	PASS
			0	VN	5200.06	11.538462	PASS
11AC20	Ant1	5240	50	VN	5240.075	14.312977	PASS
			40	VN	5240.03	5.725191	PASS
			30	VN	5240.075	14.312977	PASS
			20	VN	5240.045	8.587786	PASS
			10	VN	5240.03	5.725191	PASS
			0	VN	5239.925	-14.312977	PASS
11AC20	Ant1	5745	50	VN	5745.09	15.665796	PASS
			40	VN	5745.015	2.610966	PASS
			30	VN	5745.075	13.05483	PASS
			20	VN	5744.985	-2.610966	PASS
			10	VN	5745.075	13.05483	PASS
			0	VN	5745	0	PASS
11AC20	Ant1	5785	50	VN	5785.015	2.592913	PASS
			40	VN	5785.03	5.185825	PASS
			30	VN	5785	0	PASS
			20	VN	5785.015	2.592913	PASS
			10	VN	5785	0	PASS
			0	VN	5784.985	-2.592913	PASS

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11AC20	Ant1	5825	50	VN	5824.955	-7.725322	PASS
			40	VN	5825.03	5.150215	PASS
			30	VN	5825.09	15.450644	PASS
			20	VN	5825.09	15.450644	PASS
			10	VN	5825.015	2.575107	PASS
			0	VN	5825.045	7.725322	PASS
11AC40	Ant1	5190	50	VN	5190.06	11.560694	PASS
			40	VN	5190.06	11.560694	PASS
			30	VN	5190.03	5.780347	PASS
			20	VN	5190	0	PASS
			10	VN	5190.09	17.34104	PASS
			0	VN	5190.09	17.34104	PASS
11AC40	Ant1	5230	50	VN	5230.03	5.736138	PASS
			40	VN	5230.03	5.736138	PASS
			30	VN	5230.06	11.472275	PASS
			20	VN	5230	0	PASS
			10	VN	5230.03	5.736138	PASS
			0	VN	5230.09	17.208413	PASS
11AC40	Ant1	5755	50	VN	5754.97	-5.212858	PASS
			40	VN	5755.06	10.425717	PASS
			30	VN	5755.06	10.425717	PASS
			20	VN	5755	0	PASS
			10	VN	5755.03	5.212858	PASS
			0	VN	5755.09	15.638575	PASS
11AC40	Ant1	5795	50	VN	5795.03	5.176877	PASS
			40	VN	5795.06	10.353753	PASS
			30	VN	5795.03	5.176877	PASS
			20	VN	5795.03	5.176877	PASS
			10	VN	5795.03	5.176877	PASS
			0	VN	5795	0	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	0	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	5775.08	13.852814	PASS
			40	VN	5775	0	PASS
			30	VN	5775	0	PASS
			20	VN	5774.92	-13.852814	PASS
			10	VN	5775.08	13.852814	PASS
			0	VN	5775	0	PASS

Appendix G): Antenna Requirement

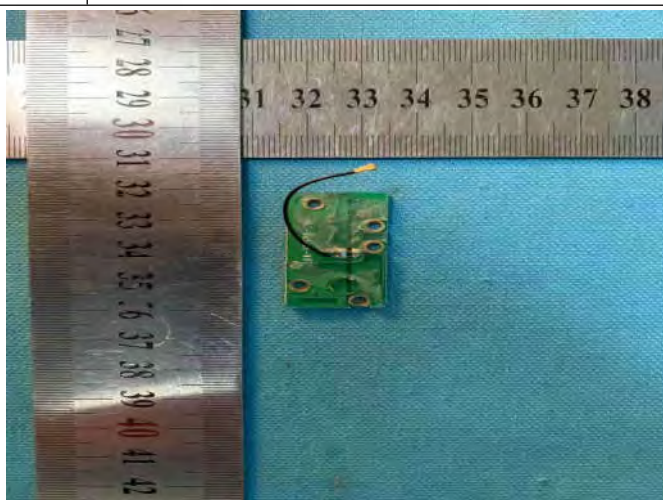
15.203 requirement:

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 integrated on the main PCB and no consideration of replacement. The best case gain of the antenna is 6.35dBi

Appendix H): AC Power Line Conducted Emission

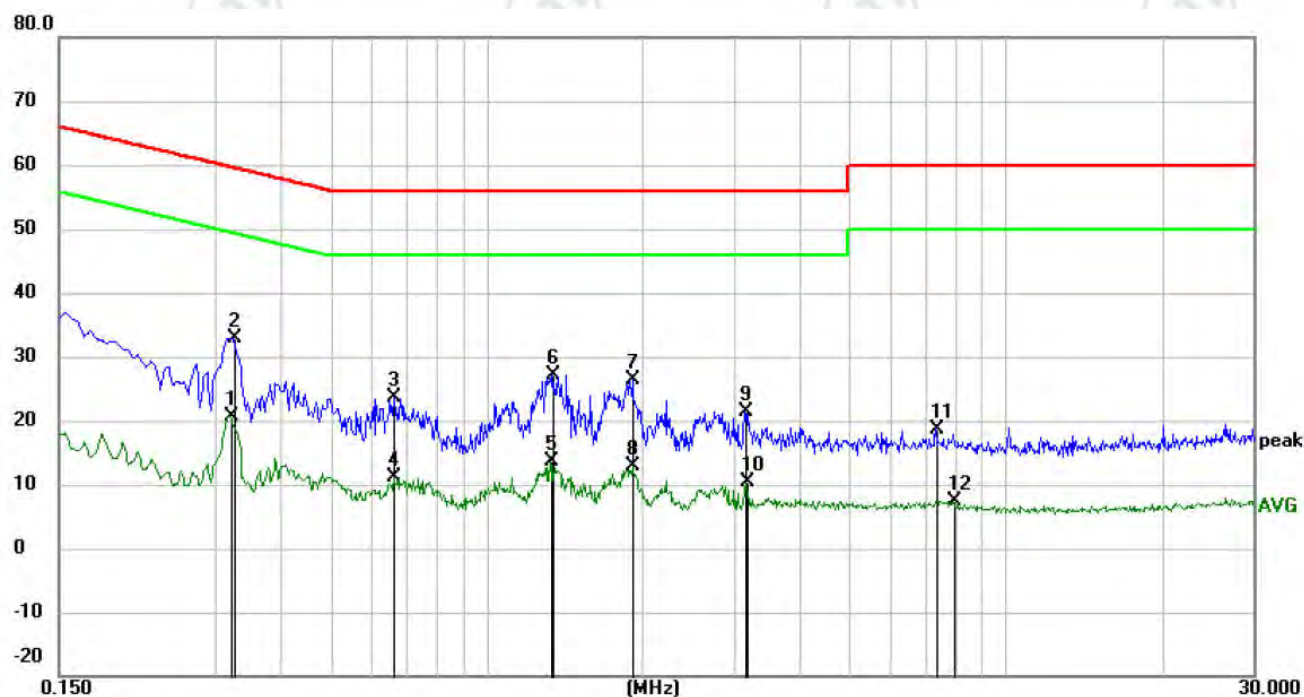
Test Procedure:	Test frequency range :150KHz-30MHz 1)The mains terminal disturbance voltage test was conducted in a shielded room. 2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a $50\Omega/50\mu\text{H} + 5\Omega$ linear impedance. 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 border="1"> <thead> <tr> <th rowspan="2">Frequency range (MHz)</th><th colspan="2">Limit (dBμV)</th></tr> <tr> <th>Quasi-peak</th><th>Average</th></tr> </thead> <tbody> <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> </tbody> </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 (dB μ V)		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 (dB μ V)															
	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.

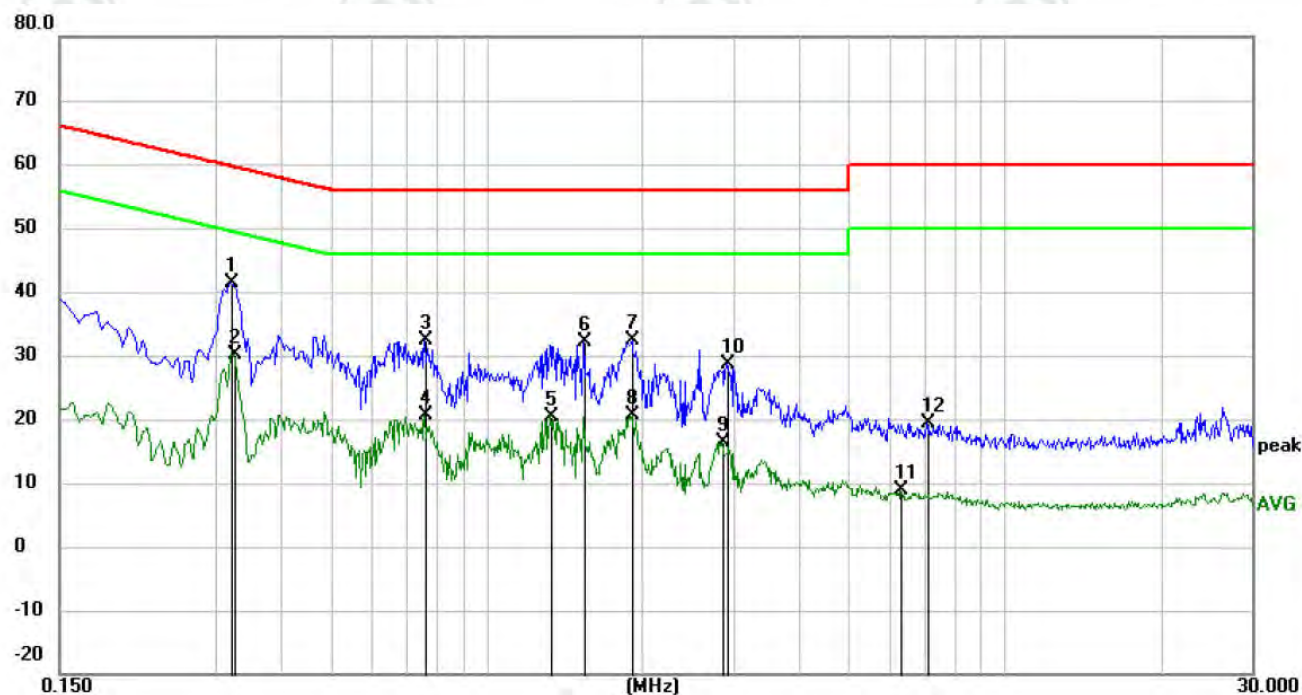
Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission were detected.

Live line:



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.3209	10.52	10.08	20.60	49.68	-29.08	AVG	
2	*	0.3255	22.92	10.07	32.99	59.57	-26.58	peak	
3		0.6630	13.74	9.82	23.56	56.00	-32.44	peak	
4		0.6630	1.29	9.82	11.11	46.00	-34.89	AVG	
5		1.3290	3.77	9.88	13.65	46.00	-32.35	AVG	
6		1.3380	17.24	9.88	27.12	56.00	-28.88	peak	
7		1.9095	16.59	9.84	26.43	56.00	-29.57	peak	
8		1.9095	3.15	9.84	12.99	46.00	-33.01	AVG	
9		3.1560	11.65	9.83	21.48	56.00	-34.52	peak	
10		3.1605	0.55	9.83	10.38	46.00	-35.62	AVG	
11		7.3500	8.89	9.86	18.75	60.00	-41.25	peak	
12		7.9530	-2.41	9.88	7.47	50.00	-42.53	AVG	

Neutral line:



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	*	0.3209	31.20	10.08	41.28	59.68	-18.40	peak	
2		0.3255	20.15	10.07	30.22	49.57	-19.35	AVG	
3		0.7620	22.50	9.81	32.31	56.00	-23.69	peak	
4		0.7620	10.80	9.81	20.61	46.00	-25.39	AVG	
5		1.3290	10.62	9.88	20.50	46.00	-25.50	AVG	
6		1.5405	22.19	9.87	32.06	56.00	-23.94	peak	
7		1.9095	22.64	9.84	32.48	56.00	-23.52	peak	
8		1.9095	10.86	9.84	20.70	46.00	-25.30	AVG	
9		2.8500	6.52	9.83	16.35	46.00	-29.65	AVG	
10		2.9085	18.86	9.83	28.69	56.00	-27.31	peak	
11		6.3060	-1.06	9.84	8.78	50.00	-41.22	AVG	
12		7.0845	9.57	9.85	19.42	60.00	-40.58	peak	

Notes:

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

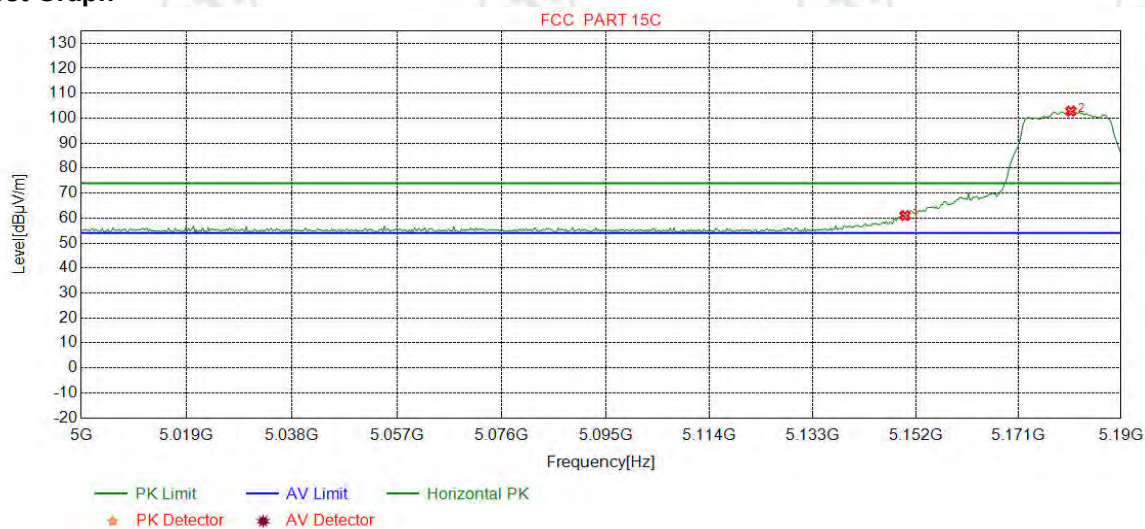
Appendix I): Restricted bands around fundamental frequency (Radiated Emission)

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:

Mode:	802.11 a(HT20Mbps) Transmitting	Channel:	5180
Remark:	PK		

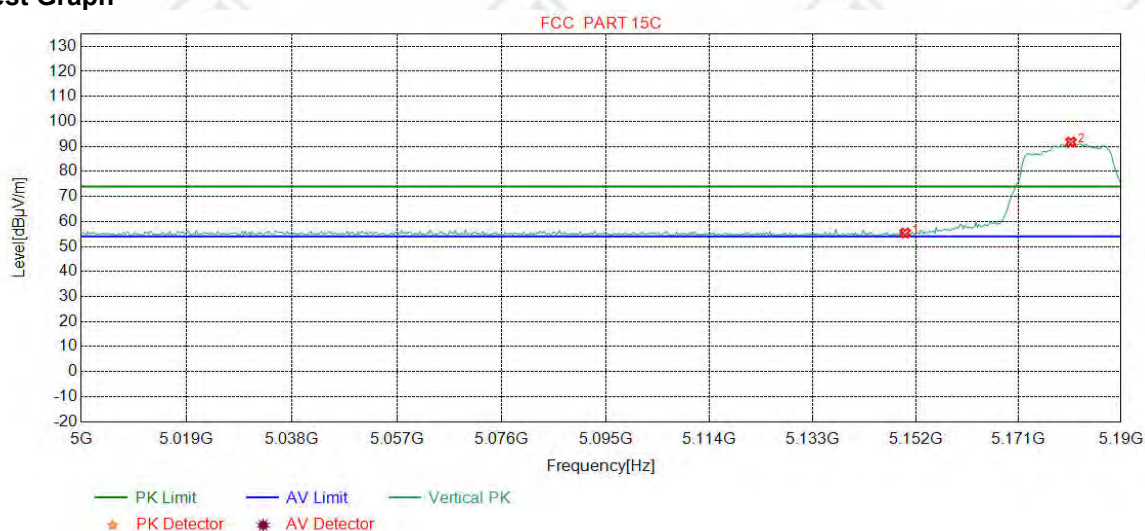
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	51.80	60.99	74.00	13.01	Pass	Horizontal
2	5180.7259	34.68	15.38	-40.55	93.32	102.83	74.00	-28.83	Pass	Horizontal

Mode:	802.11 a(HT20Mbps) Transmitting	Channel:	5180
Remark:	PK		

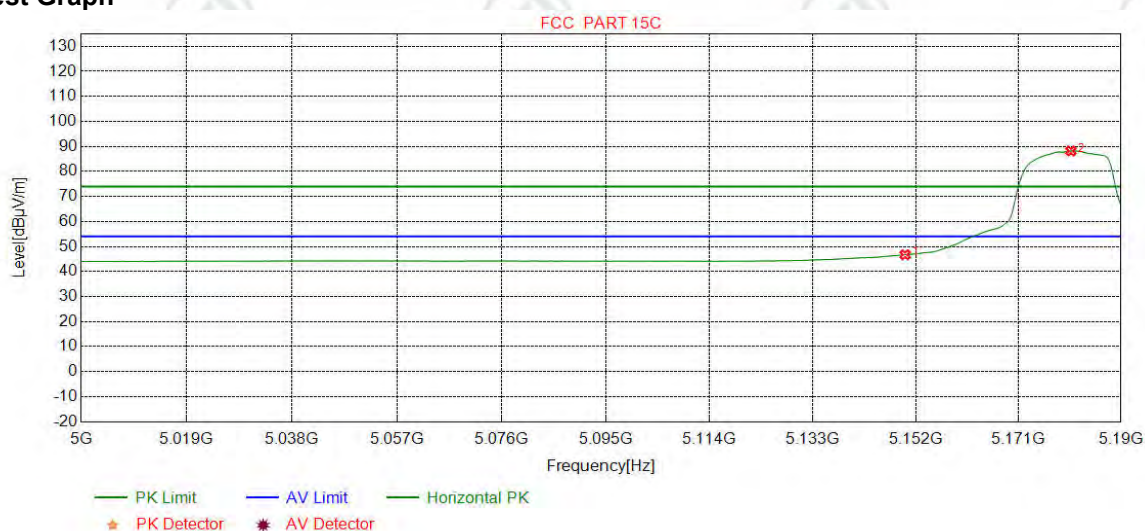
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	46.21	55.40	74.00	18.60	Pass	Vertical
2	5180.7259	34.68	15.38	-40.55	82.24	91.75	74.00	-17.75	Pass	Vertical

Mode:	802.11 a(HT20Mbps) Transmitting	Channel:	5180
Remark:	AV		

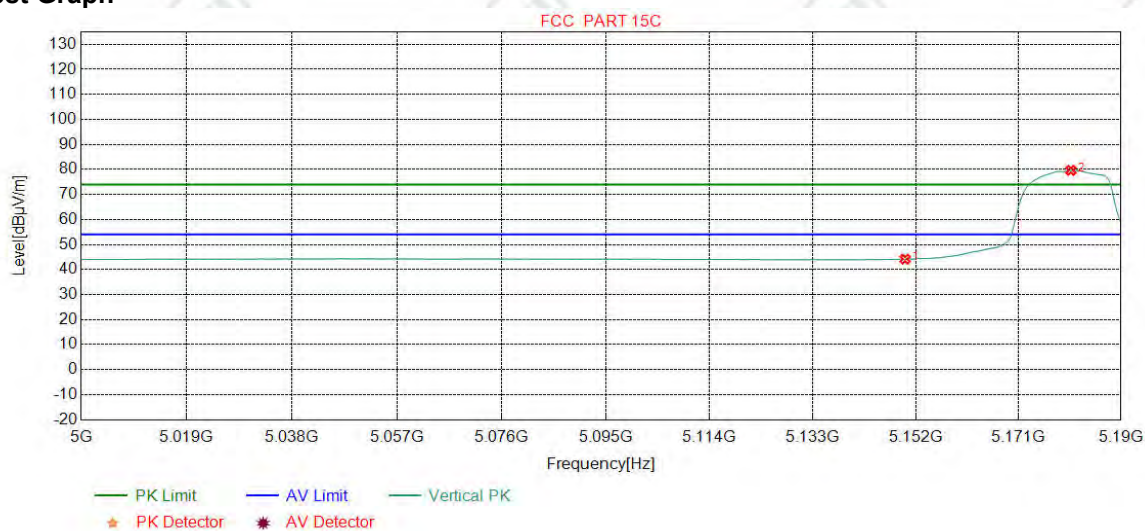
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	37.51	46.70	54.00	7.30	Pass	Horizontal
2	5180.7259	34.68	15.38	-40.55	78.68	88.19	54.00	-34.19	Pass	Horizontal

Mode:	802.11 a(HT20Mbps) Transmitting	Channel:	5180
Remark:	AV		

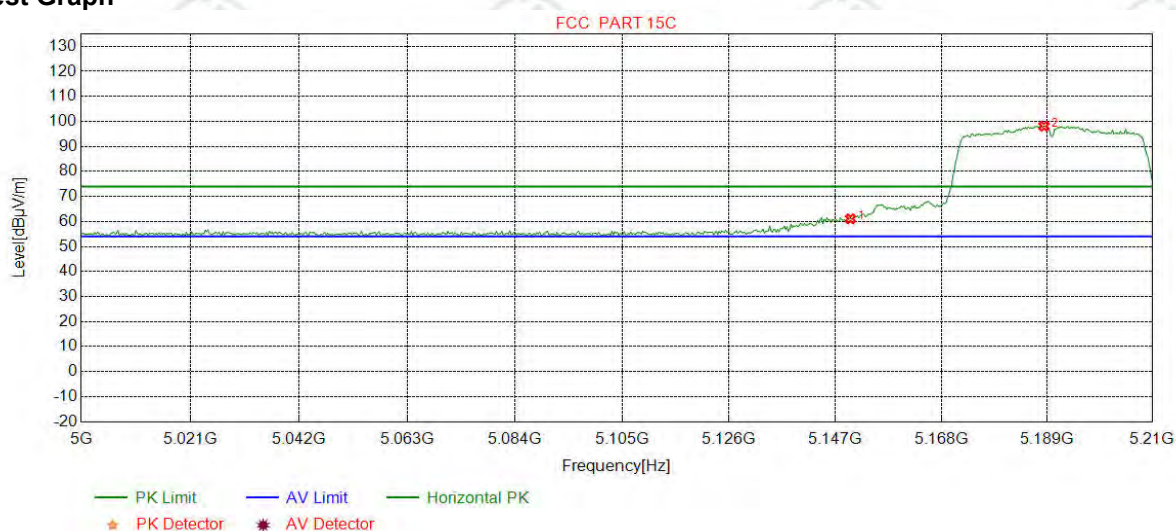
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	34.98	44.17	54.00	9.83	Pass	Vertical
2	5180.7259	34.68	15.38	-40.55	70.13	79.64	54.00	-25.64	Pass	Vertical

Mode:	802.11 n(HT40Mbps) Transmitting	Channel:	5190
Remark:	PK		

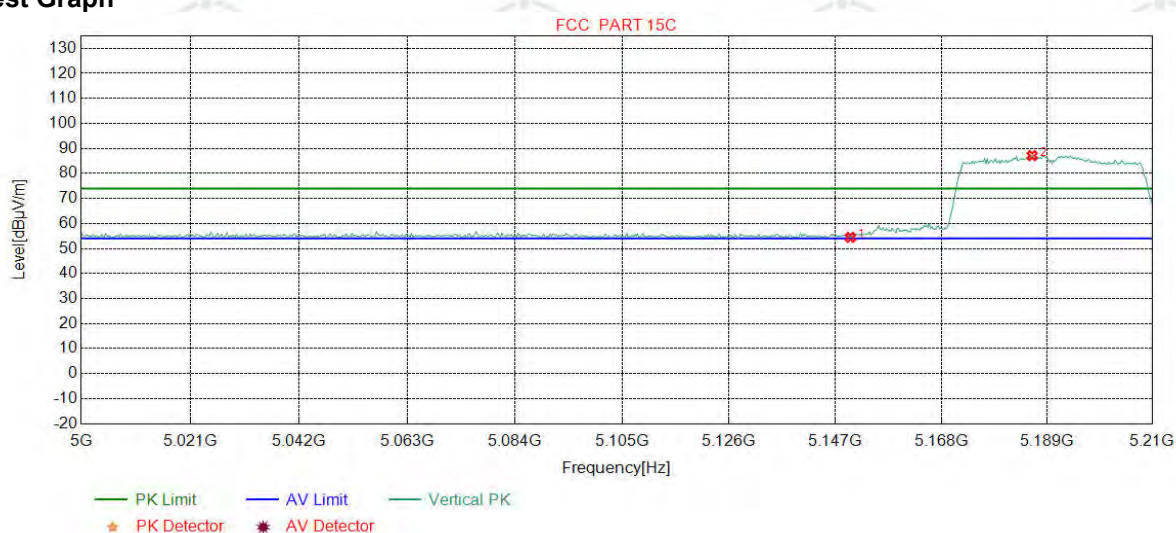
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	51.87	61.06	74.00	12.94	Pass	Horizontal
2	5188.4481	34.69	15.46	-40.56	88.50	98.09	74.00	-24.09	Pass	Horizontal

Mode:	802.11 n(HT40Mbps) Transmitting	Channel:	5190
Remark:	PK		

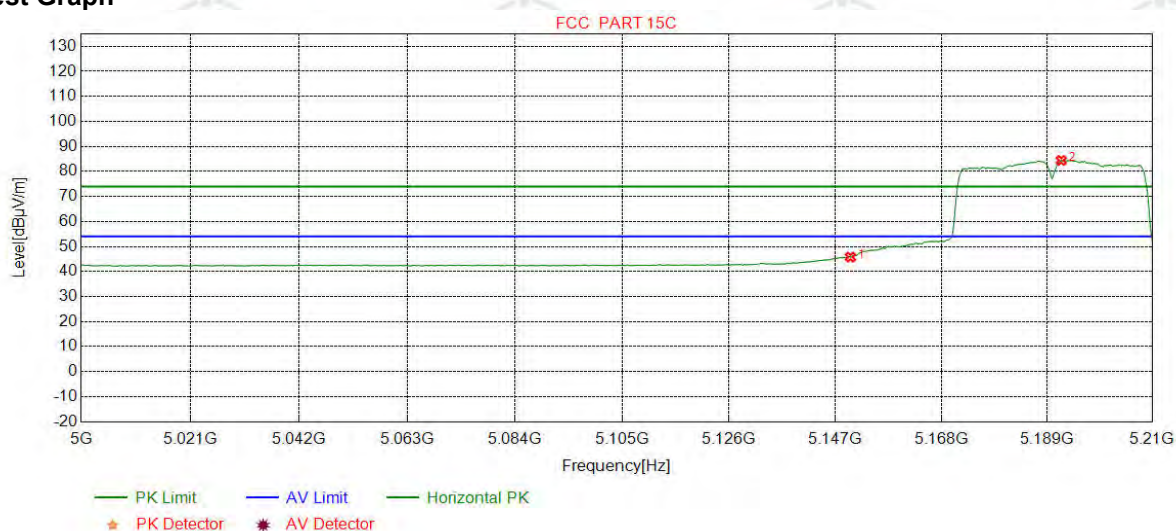
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	45.24	54.43	74.00	19.57	Pass	Vertical
2	5186.0826	34.69	15.43	-40.55	77.55	87.12	74.00	-13.12	Pass	Vertical

Mode:	802.11 n(HT40Mbps) Transmitting	Channel:	5190
Remark:	AV		

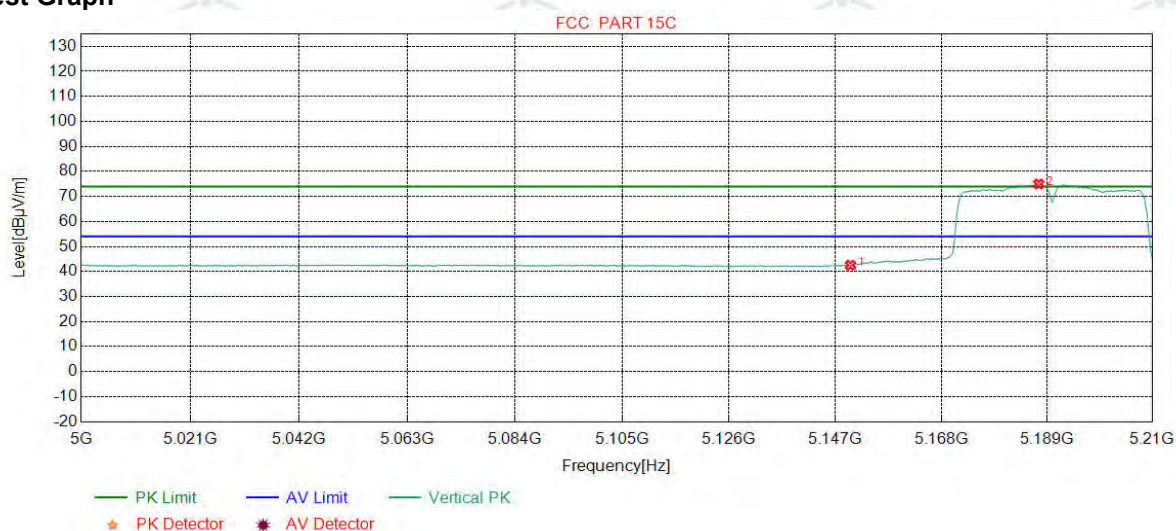
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	36.58	45.77	54.00	8.23	Pass	Horizontal
2	5191.8648	34.69	15.49	-40.55	74.78	84.41	54.00	-30.41	Pass	Horizontal

Mode:	802.11 n(HT40Mbps) Transmitting	Channel:	5190
Remark:	AV		

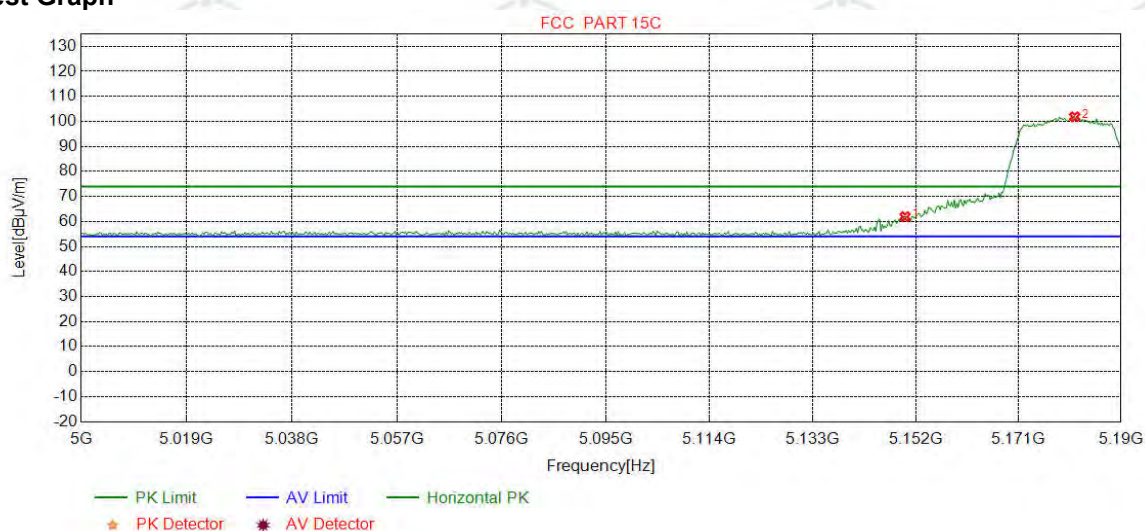
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	33.32	42.51	54.00	11.49	Pass	Vertical
2	5187.3967	34.69	15.45	-40.56	65.41	74.99	54.00	-20.99	Pass	Vertical

Mode:	802.11 ac(VHT20Mbps) Transmitting	Channel:	5180
Remark:	PK		

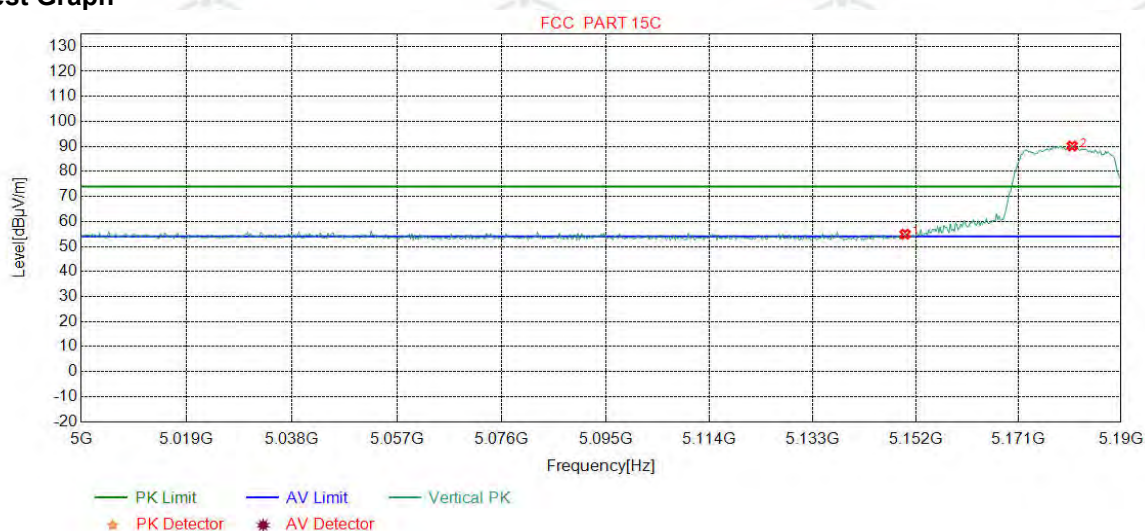
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	52.74	61.93	74.00	12.07	Pass	Horizontal
2	5181.4393	34.68	15.39	-40.55	92.31	101.83	74.00	-27.83	Pass	Horizontal

Mode:	802.11 ac(VHT20Mbps) Transmitting	Channel:	5180
Remark:	PK		

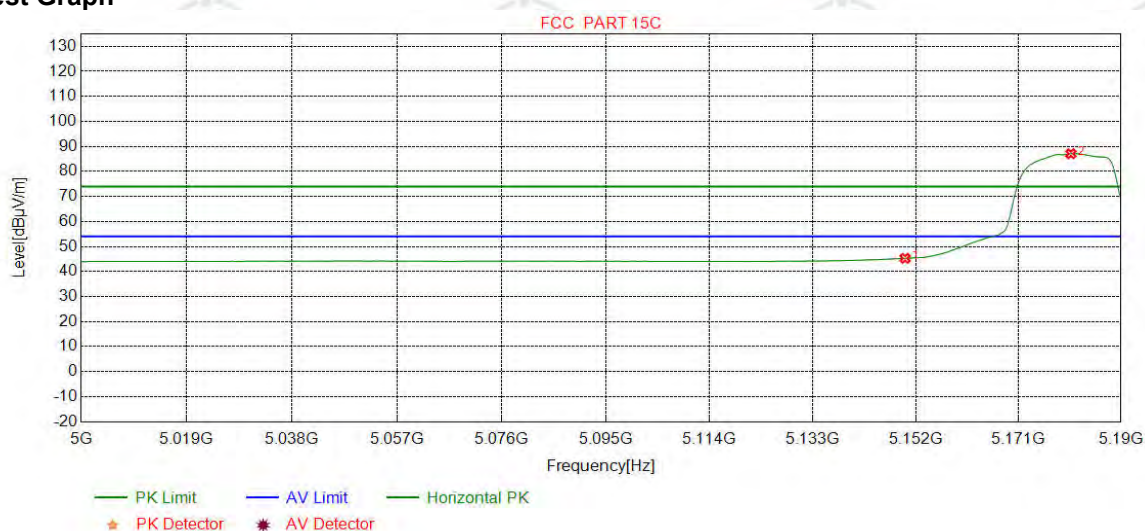
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	45.74	54.93	74.00	19.07	Pass	Vertical
2	5180.9637	34.68	15.38	-40.55	80.66	90.17	74.00	-16.17	Pass	Vertical

Mode:	802.11 ac(VHT20Mbps) Transmitting	Channel:	5180
Remark:	AV		

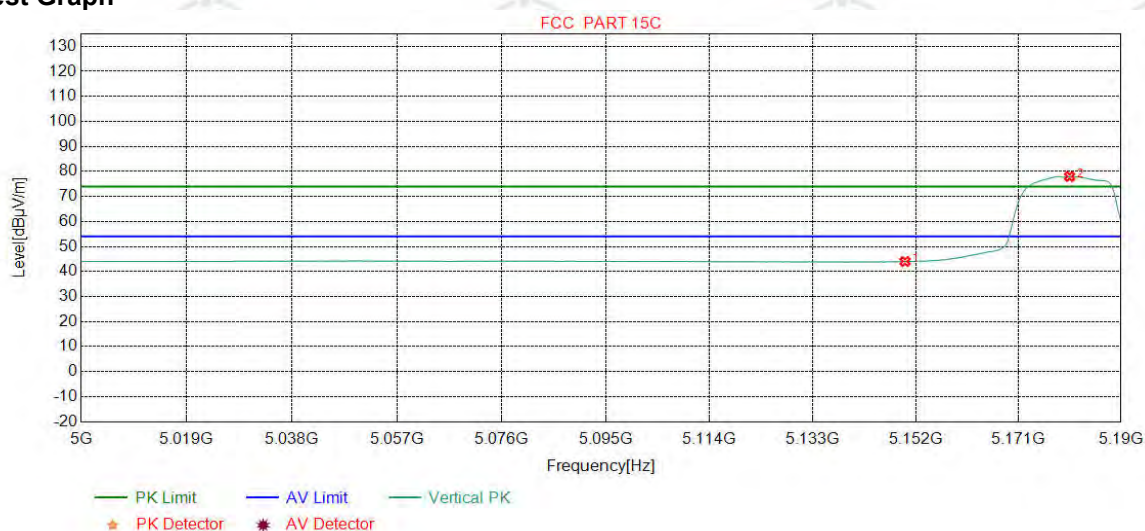
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	36.08	45.27	54.00	8.73	Pass	Horizontal
2	5180.7259	34.68	15.38	-40.55	77.57	87.08	54.00	-33.08	Pass	Horizontal

Mode:	802.11 ac(VHT20Mbps) Transmitting	Channel:	5180
Remark:	AV		

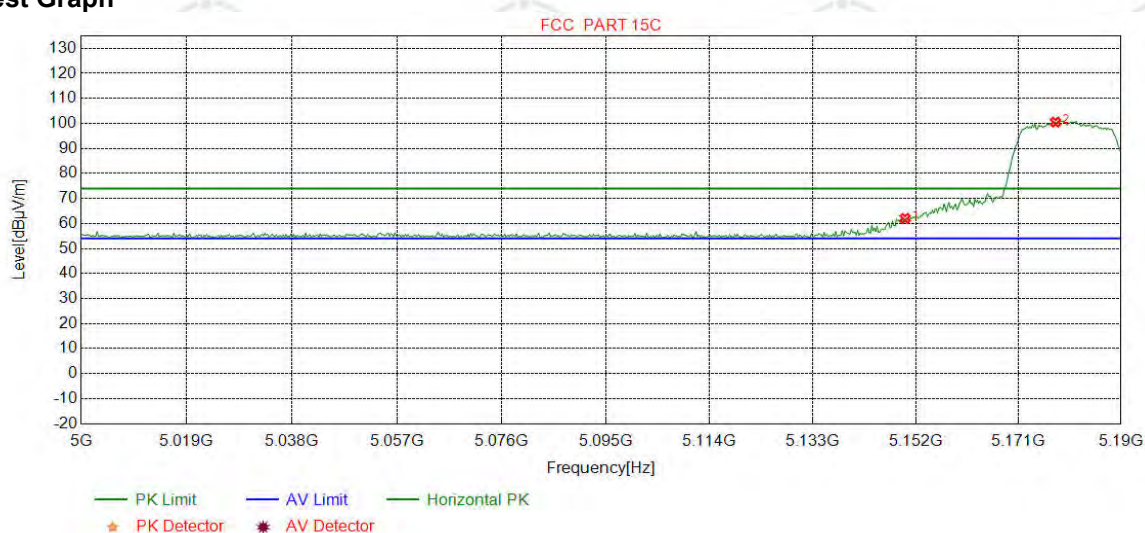
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	34.83	44.02	54.00	9.98	Pass	Vertical
2	5180.4881	34.68	15.38	-40.55	68.45	77.96	54.00	-23.96	Pass	Vertical

Mode:	802.11 n(HT20Mbps) Transmitting	Channel	5180
Remark:	PK		

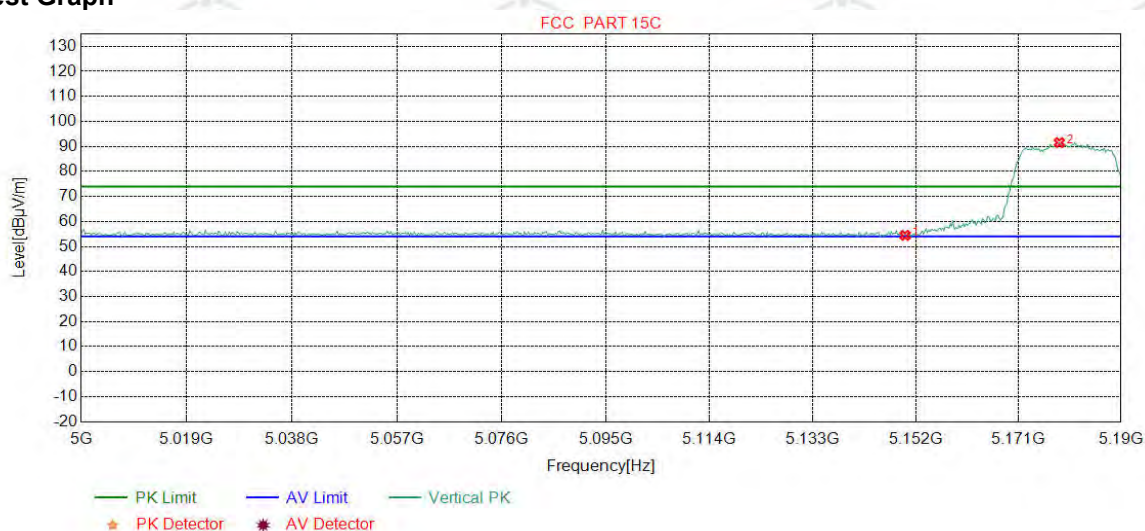
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	52.84	62.03	74.00	11.97	Pass	Horizontal
2	5177.8723	34.68	15.35	-40.55	91.03	100.51	74.00	-26.51	Pass	Horizontal

Mode:	802.11 n(HT20Mbps) Transmitting	Channel:	5180
Remark:	PK		

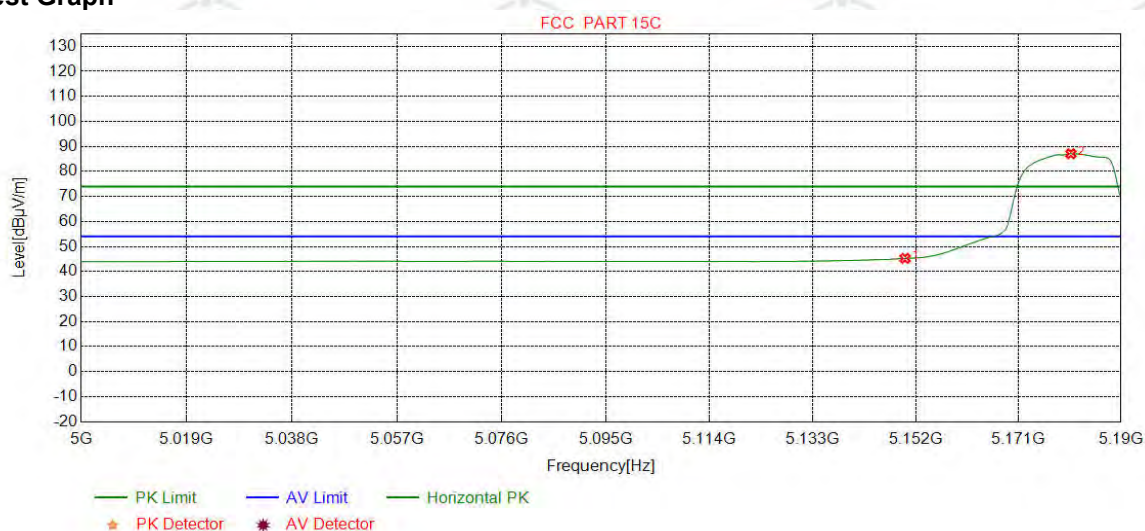
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	45.27	54.46	74.00	19.54	Pass	Vertical
2	5178.5857	34.68	15.36	-40.55	82.05	91.54	74.00	-17.54	Pass	Vertical

Mode:	802.11 n(HT20Mbps) Transmitting	Channel:	5180
Remark:	AV		

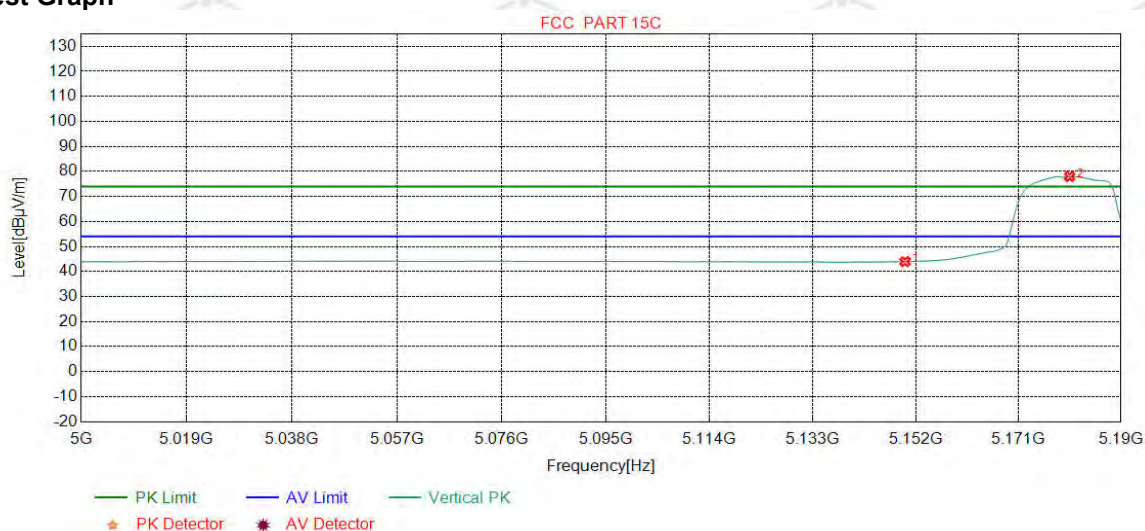
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	36.07	45.26	54.00	8.74	Pass	Horizontal
2	5180.7259	34.68	15.38	-40.55	77.56	87.07	54.00	-33.07	Pass	Horizontal

Mode:	802.11 n(HT20Mbps) Transmitting	Channel:	5180
Remark:	AV		

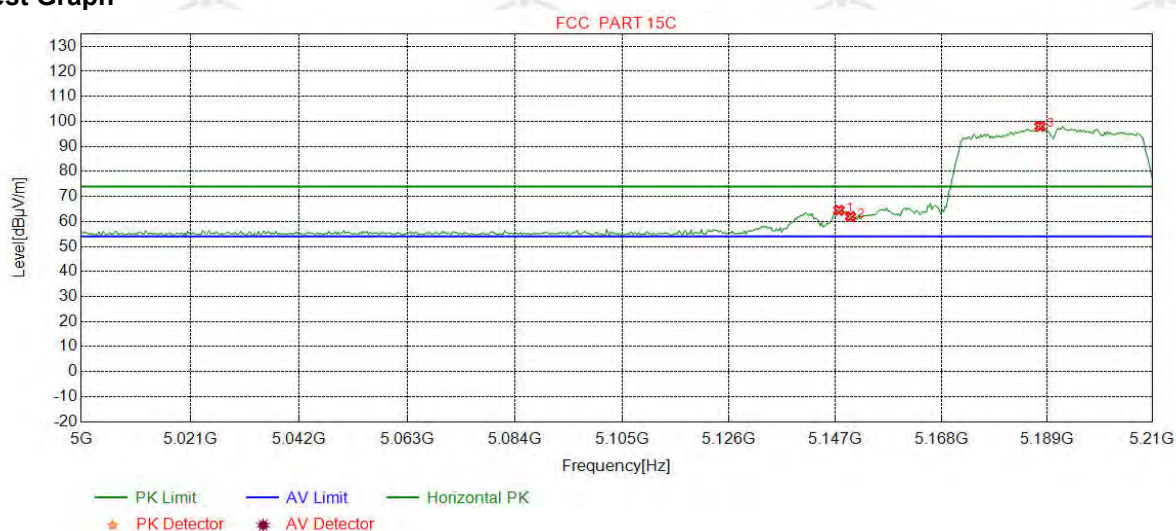
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	34.78	43.97	54.00	10.03	Pass	Vertical
2	5180.4881	34.68	15.38	-40.55	68.48	77.99	54.00	-23.99	Pass	Vertical

Mode:	802.11 ac(VHT40Mbps) Transmitting	Channel:	5190
Remark:	PK		

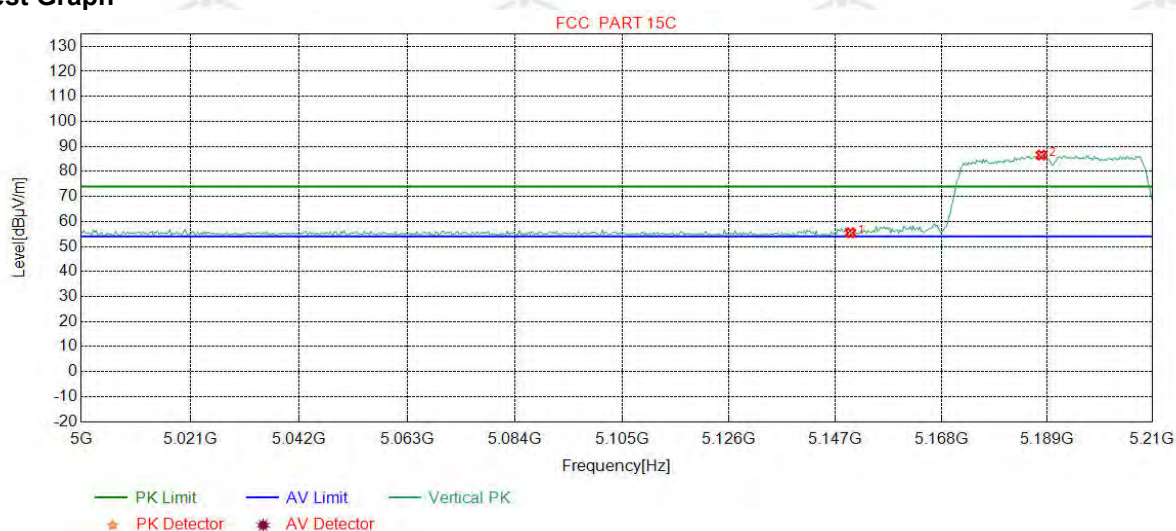
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5147.7096	34.65	15.10	-40.54	55.27	64.48	74.00	9.52	Pass	Horizontal
2	5150.0000	34.65	15.08	-40.54	52.79	61.98	74.00	12.02	Pass	Horizontal
3	5187.6596	34.69	15.45	-40.56	88.45	98.03	74.00	-24.03	Pass	Horizontal

Mode:	802.11 ac(VHT40Mbps) Transmitting	Channel:	5190
Remark:	PK		

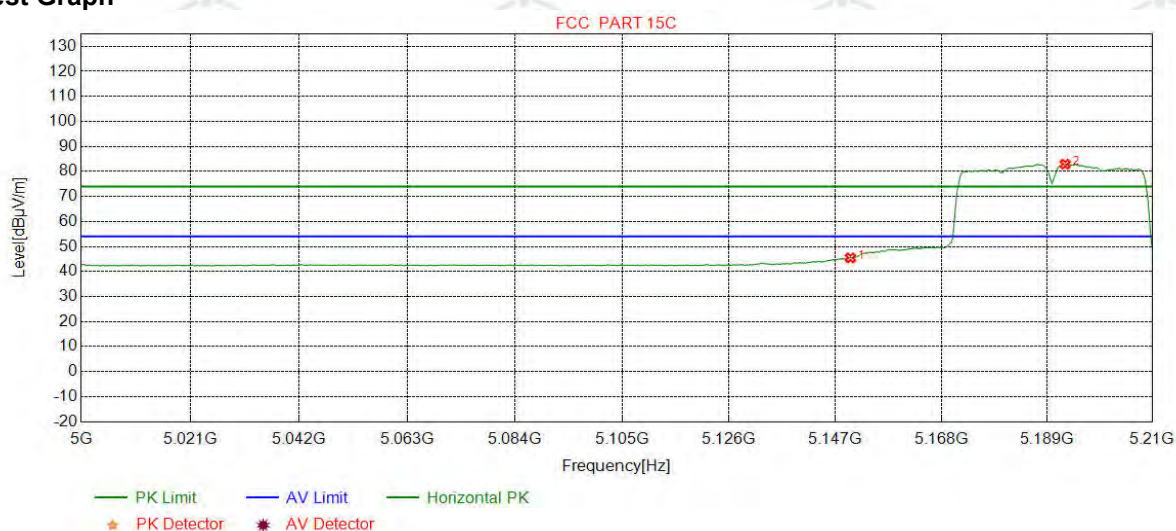
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	46.29	55.48	74.00	18.52	Pass	Vertical
2	5187.9224	34.69	15.45	-40.55	76.93	86.52	74.00	-12.52	Pass	Vertical

Mode:	802.11 ac(VHT40Mbps) Transmitting	Channel:	5190
Remark:	AV		

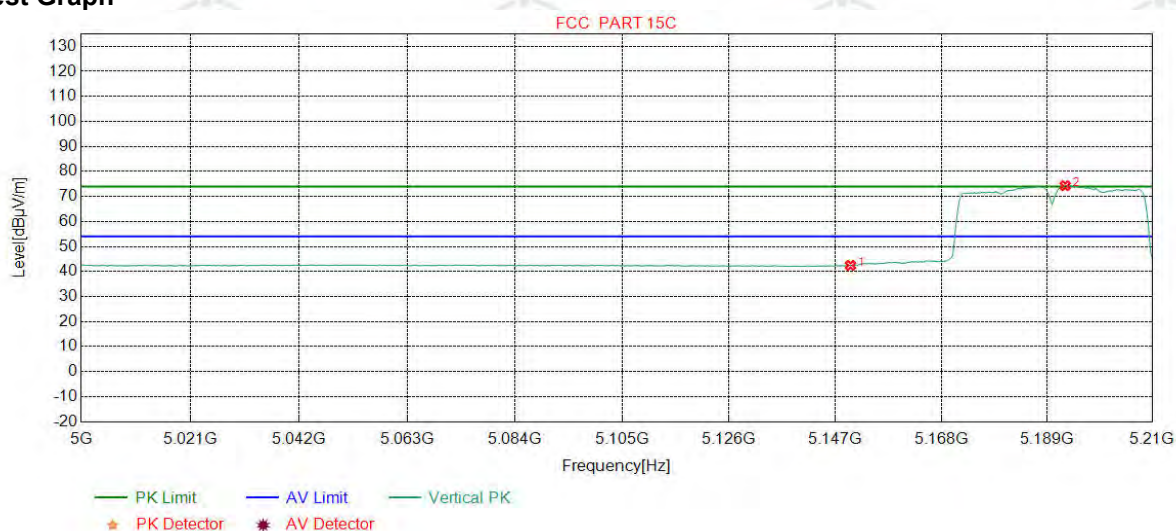
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/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	5192.6533	34.69	15.50	-40.55	73.27	82.91	54.00	-28.91	Pass	Horizontal

Mode:	802.11 ac(VHT40Mbps) Transmitting	Channel:	5190
Remark:	AV		

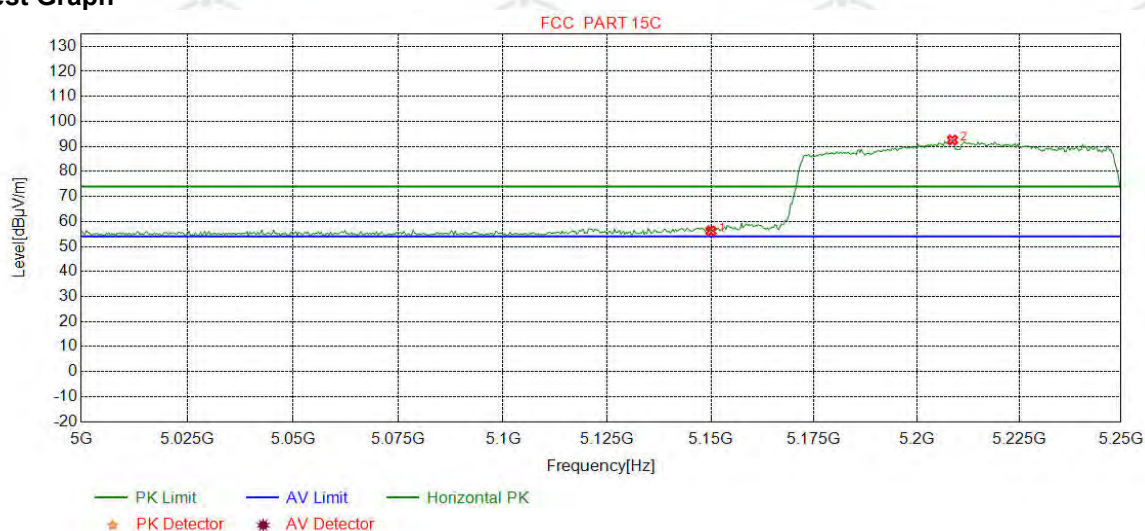
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	33.26	42.45	54.00	11.55	Pass	Vertical
2	5192.6533	34.69	15.50	-40.55	64.66	74.30	54.00	-20.30	Pass	Vertical

Mode:	802.11 ac(VHT80Mbps) Transmitting	Channel:	5210
Remark:	PK		

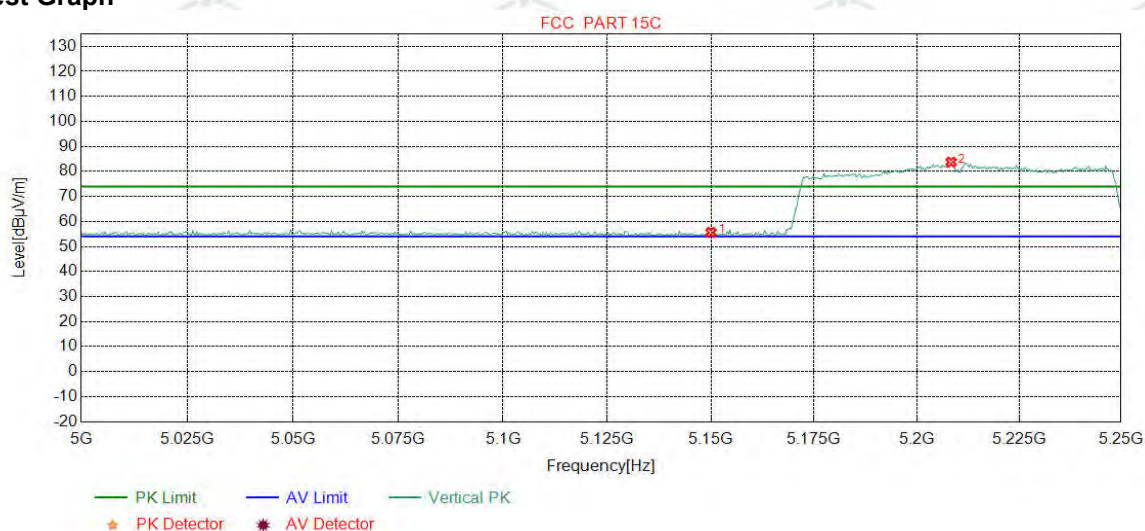
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	47.04	56.23	74.00	17.77	Pass	Horizontal
2	5208.6984	34.71	15.53	-40.56	82.88	92.56	74.00	-18.56	Pass	Horizontal

Mode:	802.11 ac(VHT80Mbps) Transmitting	Channel:	5210
Remark:	PK		

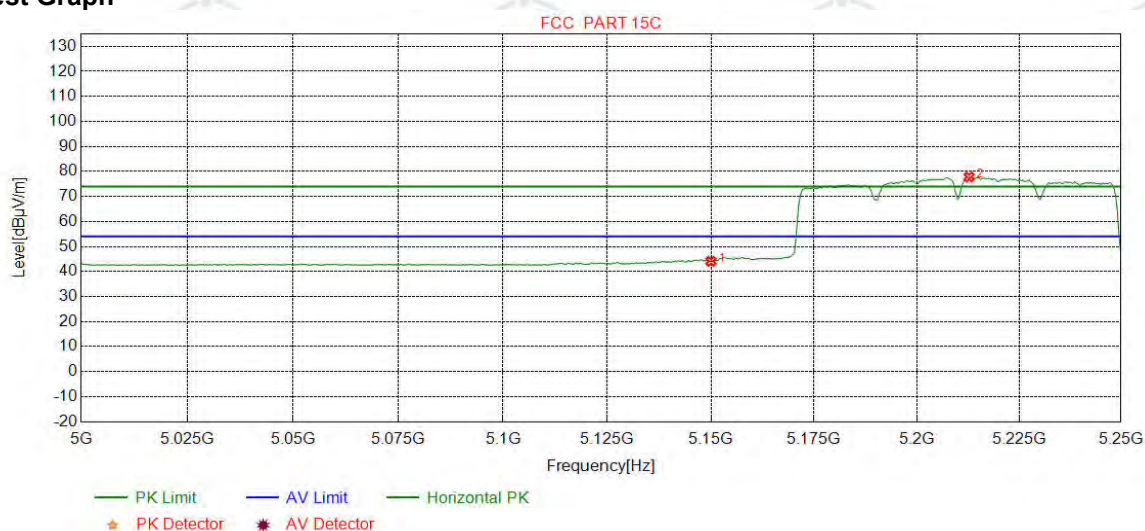
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	46.45	55.64	74.00	18.36	Pass	Vertical
2	5208.3855	34.71	15.53	-40.56	74.04	83.72	74.00	-9.72	Pass	Vertical

Mode:	802.11 ac(VHT80Mbps) Transmitting	Channel:	5210
Remark:	AV		

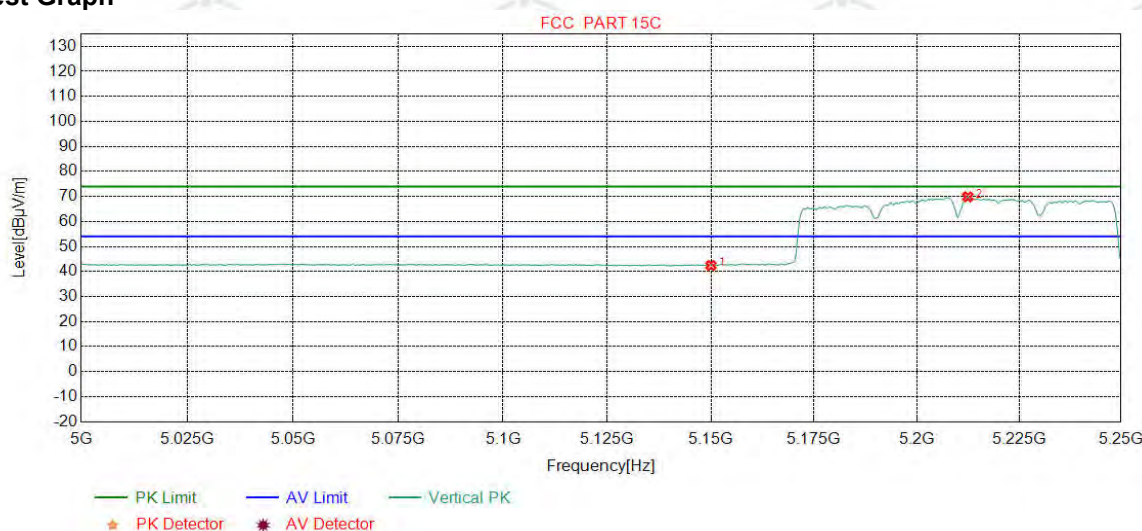
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	34.92	44.11	54.00	9.89	Pass	Horizontal
2	5212.7660	34.71	15.51	-40.55	68.12	77.79	54.00	-23.79	Pass	Horizontal

Mode:	802.11 ac(VHT80Mbps) Transmitting	Channel:	5210
Remark:	AV		

Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	33.25	42.44	54.00	11.56	Pass	Vertical
2	5212.4531	34.71	15.52	-40.56	60.18	69.85	54.00	-15.85	Pass	Vertical

Note:

1) Through Pre-scan transmitting mode and charge+transmitter mode with all kind of modulation and data rate,

find the 1Mbps of rate is the worst case of 802.11b; 6Mbps of rate is the worst case of 802.11g; 6Mbps of rate is the worst case of 802.11n(HT20) ; 6Mbps of rate is the worst case of 802.11n(HT40),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

Appendix J): 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 from 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 (dB μ V/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				

Radiated Spurious Emissions test Data:

Band 1 Below 1G

Mode:		802.11 a (HT20Mbps) 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	39.9920	12.30	0.72	-32.11	47.70	28.61	40.00	11.39	Pass	H	PK
2	120.0250	9.20	1.30	-32.07	48.10	26.53	43.50	16.97	Pass	H	PK
3	226.1536	11.58	1.78	-31.92	50.67	32.11	46.00	13.89	Pass	H	PK
4	387.7718	15.13	2.34	-31.82	38.11	23.76	46.00	22.24	Pass	H	PK
5	600.0290	19.00	2.96	-31.99	36.80	26.77	46.00	19.23	Pass	H	PK
6	974.9715	22.55	3.75	-30.95	36.90	32.25	54.00	21.75	Pass	H	PK
7	39.9920	12.30	0.72	-32.11	44.97	25.88	40.00	14.12	Pass	V	PK
8	120.0250	9.20	1.30	-32.07	48.66	27.09	43.50	16.41	Pass	V	PK
9	208.8859	11.13	1.71	-31.94	49.00	29.90	43.50	13.60	Pass	V	PK
10	279.9940	12.80	1.99	-31.93	42.90	25.76	46.00	20.24	Pass	V	PK
11	439.9630	16.04	2.48	-31.88	39.02	25.66	46.00	20.34	Pass	V	PK
12	625.0575	19.20	2.97	-31.98	36.77	26.96	46.00	19.04	Pass	V	PK

Mode:		802.11 a (HT20Mbps) 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	39.9920	12.30	0.72	-32.11	47.88	28.79	40.00	11.21	Pass	H	PK
2	120.0250	9.20	1.30	-32.07	48.15	26.58	43.50	16.92	Pass	H	PK
3	226.1536	11.58	1.78	-31.92	50.08	31.52	46.00	14.48	Pass	H	PK
4	279.9940	12.80	1.99	-31.93	43.04	25.90	46.00	20.10	Pass	H	PK
5	600.0290	19.00	2.96	-31.99	36.50	26.47	46.00	19.53	Pass	H	PK
6	974.9715	22.55	3.75	-30.95	37.32	32.67	54.00	21.33	Pass	H	PK
7	39.9920	12.30	0.72	-32.11	44.31	25.22	40.00	14.78	Pass	V	PK
8	120.0250	9.20	1.30	-32.07	49.13	27.56	43.50	15.94	Pass	V	PK
9	208.8859	11.13	1.71	-31.94	48.99	29.89	43.50	13.61	Pass	V	PK
10	290.7621	13.02	2.03	-31.88	42.29	25.46	46.00	20.54	Pass	V	PK
11	452.1862	16.23	2.52	-31.87	38.63	25.51	46.00	20.49	Pass	V	PK
12	625.0575	19.20	2.97	-31.98	35.86	26.05	46.00	19.95	Pass	V	PK

Mode:		802.11 a (HT20Mbps) 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	39.9920	12.30	0.72	-32.11	47.89	28.80	40.00	11.20	Pass	H	PK
2	120.0250	9.20	1.30	-32.07	48.13	26.56	43.50	16.94	Pass	H	PK
3	226.1536	11.58	1.78	-31.92	50.20	31.64	46.00	14.36	Pass	H	PK
4	279.9940	12.80	1.99	-31.93	43.49	26.35	46.00	19.65	Pass	H	PK
5	452.1862	16.23	2.52	-31.87	36.50	23.38	46.00	22.62	Pass	H	PK
6	649.9890	19.40	3.10	-32.07	36.52	26.95	46.00	19.05	Pass	H	PK
7	39.9920	12.30	0.72	-32.11	44.63	25.54	40.00	14.46	Pass	V	PK
8	120.0250	9.20	1.30	-32.07	48.46	26.89	43.50	16.61	Pass	V	PK
9	208.8859	11.13	1.71	-31.94	49.08	29.98	43.50	13.52	Pass	V	PK
10	279.9940	12.80	1.99	-31.93	42.41	25.27	46.00	20.73	Pass	V	PK
11	452.2832	16.24	2.52	-31.88	39.55	26.43	46.00	19.57	Pass	V	PK
12	649.9890	19.40	3.10	-32.07	36.31	26.74	46.00	19.26	Pass	V	PK

Mode:		802.11 n (HT20Mbps) 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	39.9920	12.30	0.72	-32.11	47.76	28.67	40.00	11.33	Pass	H	PK
2	120.0250	9.20	1.30	-32.07	47.84	26.27	43.50	17.23	Pass	H	PK
3	226.1536	11.58	1.78	-31.92	50.80	32.24	46.00	13.76	Pass	H	PK
4	279.9940	12.80	1.99	-31.93	43.26	26.12	46.00	19.88	Pass	H	PK
5	387.6748	15.13	2.34	-31.83	37.42	23.06	46.00	22.94	Pass	H	PK
6	600.0290	19.00	2.96	-31.99	36.60	26.57	46.00	19.43	Pass	H	PK
7	39.9920	12.30	0.72	-32.11	45.00	25.91	40.00	14.09	Pass	V	PK
8	120.0250	9.20	1.30	-32.07	48.78	27.21	43.50	16.29	Pass	V	PK
9	208.8859	11.13	1.71	-31.94	48.87	29.77	43.50	13.73	Pass	V	PK
10	279.9940	12.80	1.99	-31.93	42.56	25.42	46.00	20.58	Pass	V	PK
11	452.1862	16.23	2.52	-31.87	39.18	26.06	46.00	19.94	Pass	V	PK
12	625.0575	19.20	2.97	-31.98	36.18	26.37	46.00	19.63	Pass	V	PK

Mode:		802.11 n (HT20Mbps) 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	39.9920	12.30	0.72	-32.11	47.92	28.83	40.00	11.17	Pass	H	PK
2	120.0250	9.20	1.30	-32.07	47.79	26.22	43.50	17.28	Pass	H	PK
3	226.1536	11.58	1.78	-31.92	50.73	32.17	46.00	13.83	Pass	H	PK
4	279.9940	12.80	1.99	-31.93	43.07	25.93	46.00	20.07	Pass	H	PK
5	600.0290	19.00	2.96	-31.99	37.43	27.40	46.00	18.60	Pass	H	PK
6	974.9715	22.55	3.75	-30.95	36.92	32.27	54.00	21.73	Pass	H	PK
7	39.9920	12.30	0.72	-32.11	45.04	25.95	40.00	14.05	Pass	V	PK
8	120.0250	9.20	1.30	-32.07	49.02	27.45	43.50	16.05	Pass	V	PK
9	199.9610	10.90	1.67	-31.94	48.13	28.76	43.50	14.74	Pass	V	PK
10	279.9940	12.80	1.99	-31.93	42.43	25.29	46.00	20.71	Pass	V	PK
11	439.9630	16.04	2.48	-31.88	38.10	24.74	46.00	21.26	Pass	V	PK
12	974.9715	22.55	3.75	-30.95	37.65	33.00	54.00	21.00	Pass	V	PK

Mode:		802.11 n (HT20Mbps) 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	39.9920	12.30	0.72	-32.11	47.71	28.62	40.00	11.38	Pass	H	PK
2	120.0250	9.20	1.30	-32.07	47.56	25.99	43.50	17.51	Pass	H	PK
3	226.1536	11.58	1.78	-31.92	50.80	32.24	46.00	13.76	Pass	H	PK
4	279.9940	12.80	1.99	-31.93	43.01	25.87	46.00	20.13	Pass	H	PK
5	387.7718	15.13	2.34	-31.82	38.24	23.89	46.00	22.11	Pass	H	PK
6	600.0290	19.00	2.96	-31.99	36.64	26.61	46.00	19.39	Pass	H	PK
7	39.9920	12.30	0.72	-32.11	44.48	25.39	40.00	14.61	Pass	V	PK
8	120.0250	9.20	1.30	-32.07	48.50	26.93	43.50	16.57	Pass	V	PK
9	208.8859	11.13	1.71	-31.94	49.32	30.22	43.50	13.28	Pass	V	PK
10	279.9940	12.80	1.99	-31.93	42.85	25.71	46.00	20.29	Pass	V	PK
11	439.9630	16.04	2.48	-31.88	38.05	24.69	46.00	21.31	Pass	V	PK
12	625.0575	19.20	2.97	-31.98	36.39	26.58	46.00	19.42	Pass	V	PK

Mode:		802.11 n (HT40Mbps) 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	39.9920	12.30	0.72	-32.11	47.68	28.59	40.00	11.41	Pass	H	PK
2	120.0250	9.20	1.30	-32.07	47.65	26.08	43.50	17.42	Pass	H	PK
3	226.0566	11.58	1.78	-31.92	49.32	30.76	46.00	15.24	Pass	H	PK
4	279.9940	12.80	1.99	-31.93	43.26	26.12	46.00	19.88	Pass	H	PK
5	440.0600	16.04	2.48	-31.88	36.74	23.38	46.00	22.62	Pass	H	PK
6	600.0290	19.00	2.96	-31.99	37.16	27.13	46.00	18.87	Pass	H	PK
7	39.9920	12.30	0.72	-32.11	44.27	25.18	40.00	14.82	Pass	V	PK
8	120.0250	9.20	1.30	-32.07	49.08	27.51	43.50	15.99	Pass	V	PK
9	208.8859	11.13	1.71	-31.94	49.20	30.10	43.50	13.40	Pass	V	PK
10	279.9940	12.80	1.99	-31.93	42.46	25.32	46.00	20.68	Pass	V	PK
11	387.6748	15.13	2.34	-31.83	38.81	24.45	46.00	21.55	Pass	V	PK
12	625.0575	19.20	2.97	-31.98	35.68	25.87	46.00	20.13	Pass	V	PK

Mode:		802.11 n (HT40Mbps) 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	39.9920	12.30	0.72	-32.11	47.73	28.64	40.00	11.36	Pass	H	PK
2	120.0250	9.20	1.30	-32.07	47.67	26.10	43.50	17.40	Pass	H	PK
3	226.2506	11.58	1.78	-31.91	50.56	32.01	46.00	13.99	Pass	H	PK
4	387.5778	15.13	2.34	-31.83	38.25	23.89	46.00	22.11	Pass	H	PK
5	600.0290	19.00	2.96	-31.99	37.64	27.61	46.00	18.39	Pass	H	PK
6	844.9785	21.44	3.50	-31.82	34.88	28.00	46.00	18.00	Pass	H	PK
7	39.9920	12.30	0.72	-32.11	44.66	25.57	40.00	14.43	Pass	V	PK
8	120.0250	9.20	1.30	-32.07	48.66	27.09	43.50	16.41	Pass	V	PK
9	208.8859	11.13	1.71	-31.94	49.32	30.22	43.50	13.28	Pass	V	PK
10	279.9940	12.80	1.99	-31.93	42.70	25.56	46.00	20.44	Pass	V	PK
11	440.0600	16.04	2.48	-31.88	38.16	24.80	46.00	21.20	Pass	V	PK
12	600.0290	19.00	2.96	-31.99	35.52	25.49	46.00	20.51	Pass	V	PK

Mode:		802.11 ac (VHT20Mbps) 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	39.9920	12.30	0.72	-32.11	47.71	28.62	40.00	11.38	Pass	H	PK
2	120.0250	9.20	1.30	-32.07	47.93	26.36	43.50	17.14	Pass	H	PK
3	226.1536	11.58	1.78	-31.92	51.04	32.48	46.00	13.52	Pass	H	PK
4	387.8688	15.13	2.34	-31.82	38.15	23.80	46.00	22.20	Pass	H	PK
5	600.0290	19.00	2.96	-31.99	38.01	27.98	46.00	18.02	Pass	H	PK
6	844.9785	21.44	3.50	-31.82	34.25	27.37	46.00	18.63	Pass	H	PK
7	39.9920	12.30	0.72	-32.11	44.96	25.87	40.00	14.13	Pass	V	PK
8	120.0250	9.20	1.30	-32.07	48.67	27.10	43.50	16.40	Pass	V	PK
9	208.8859	11.13	1.71	-31.94	48.85	29.75	43.50	13.75	Pass	V	PK
10	279.9940	12.80	1.99	-31.93	42.70	25.56	46.00	20.44	Pass	V	PK
11	440.0600	16.04	2.48	-31.88	37.89	24.53	46.00	21.47	Pass	V	PK
12	974.9715	22.55	3.75	-30.95	36.77	32.12	54.00	21.88	Pass	V	PK

Mode:		802.11 ac (VHT20Mbps) 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	39.9920	12.30	0.72	-32.11	47.79	28.70	40.00	11.30	Pass	H	PK
2	120.0250	9.20	1.30	-32.07	47.67	26.10	43.50	17.40	Pass	H	PK
3	226.2506	11.58	1.78	-31.91	50.05	31.50	46.00	14.50	Pass	H	PK
4	387.6748	15.13	2.34	-31.83	38.45	24.09	46.00	21.91	Pass	H	PK
5	600.0290	19.00	2.96	-31.99	38.08	28.05	46.00	17.95	Pass	H	PK
6	974.9715	22.55	3.75	-30.95	36.54	31.89	54.00	22.11	Pass	H	PK
7	39.9920	12.30	0.72	-32.11	44.48	25.39	40.00	14.61	Pass	V	PK
8	120.0250	9.20	1.30	-32.07	48.65	27.08	43.50	16.42	Pass	V	PK
9	208.8859	11.13	1.71	-31.94	49.05	29.95	43.50	13.55	Pass	V	PK
10	439.9630	16.04	2.48	-31.88	37.73	24.37	46.00	21.63	Pass	V	PK
11	625.0575	19.20	2.97	-31.98	36.25	26.44	46.00	19.56	Pass	V	PK
12	974.9715	22.55	3.75	-30.95	36.30	31.65	54.00	22.35	Pass	V	PK

Mode:		802.11 ac (VHT20Mbps) 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	39.9920	12.30	0.72	-32.11	47.73	28.64	40.00	11.36	Pass	H	PK
2	120.0250	9.20	1.30	-32.07	48.01	26.44	43.50	17.06	Pass	H	PK
3	226.0566	11.58	1.78	-31.92	50.95	32.39	46.00	13.61	Pass	H	PK
4	387.6748	15.13	2.34	-31.83	38.85	24.49	46.00	21.51	Pass	H	PK
5	600.0290	19.00	2.96	-31.99	37.01	26.98	46.00	19.02	Pass	H	PK
6	974.8745	22.55	3.75	-30.95	37.06	32.41	54.00	21.59	Pass	H	PK
7	39.9920	12.30	0.72	-32.11	44.74	25.65	40.00	14.35	Pass	V	PK
8	120.0250	9.20	1.30	-32.07	48.44	26.87	43.50	16.63	Pass	V	PK
9	208.8859	11.13	1.71	-31.94	49.10	30.00	43.50	13.50	Pass	V	PK
10	279.9940	12.80	1.99	-31.93	42.95	25.81	46.00	20.19	Pass	V	PK
11	439.9630	16.04	2.48	-31.88	37.57	24.21	46.00	21.79	Pass	V	PK
12	625.0575	19.20	2.97	-31.98	35.98	26.17	46.00	19.83	Pass	V	PK

Mode:		802.11 ac (VHT40Mbps) 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	39.9920	12.30	0.72	-32.11	47.74	28.65	40.00	11.35	Pass	H	PK
2	120.0250	9.20	1.30	-32.07	47.50	25.93	43.50	17.57	Pass	H	PK
3	226.1536	11.58	1.78	-31.92	49.83	31.27	46.00	14.73	Pass	H	PK
4	387.5778	15.13	2.34	-31.83	38.93	24.57	46.00	21.43	Pass	H	PK
5	600.0290	19.00	2.96	-31.99	36.06	26.03	46.00	19.97	Pass	H	PK
6	974.9715	22.55	3.75	-30.95	35.62	30.97	54.00	23.03	Pass	H	PK
7	39.9920	12.30	0.72	-32.11	45.03	25.94	40.00	14.06	Pass	V	PK
8	120.0250	9.20	1.30	-32.07	48.73	27.16	43.50	16.34	Pass	V	PK
9	208.8859	11.13	1.71	-31.94	49.23	30.13	43.50	13.37	Pass	V	PK
10	279.9940	12.80	1.99	-31.93	43.48	26.34	46.00	19.66	Pass	V	PK
11	439.9630	16.04	2.48	-31.88	37.95	24.59	46.00	21.41	Pass	V	PK
12	974.9715	22.55	3.75	-30.95	37.53	32.88	54.00	21.12	Pass	V	PK

Mode:		802.11 ac (VHT40Mbps) 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	39.9920	12.30	0.72	-32.11	47.52	28.43	40.00	11.57	Pass	H	PK
2	120.0250	9.20	1.30	-32.07	48.00	26.43	43.50	17.07	Pass	H	PK
3	226.0566	11.58	1.78	-31.92	51.04	32.48	46.00	13.52	Pass	H	PK
4	387.6748	15.13	2.34	-31.83	38.92	24.56	46.00	21.44	Pass	H	PK
5	600.0290	19.00	2.96	-31.99	38.30	28.27	46.00	17.73	Pass	H	PK
6	974.9715	22.55	3.75	-30.95	36.49	31.84	54.00	22.16	Pass	H	PK
7	39.9920	12.30	0.72	-32.11	44.45	25.36	40.00	14.64	Pass	V	PK
8	120.0250	9.20	1.30	-32.07	48.48	26.91	43.50	16.59	Pass	V	PK
9	208.8859	11.13	1.71	-31.94	49.40	30.30	43.50	13.20	Pass	V	PK
10	279.9940	12.80	1.99	-31.93	43.03	25.89	46.00	20.11	Pass	V	PK
11	439.9630	16.04	2.48	-31.88	38.85	25.49	46.00	20.51	Pass	V	PK
12	625.0575	19.20	2.97	-31.98	36.78	26.97	46.00	19.03	Pass	V	PK

Mode:		802.11 ac (VHT80Mbps) 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	39.9920	12.30	0.72	-32.11	47.89	28.80	40.00	11.20	Pass	H	PK
2	120.0250	9.20	1.30	-32.07	47.83	26.26	43.50	17.24	Pass	H	PK
3	226.0566	11.58	1.78	-31.92	51.28	32.72	46.00	13.28	Pass	H	PK
4	279.9940	12.80	1.99	-31.93	43.07	25.93	46.00	20.07	Pass	H	PK
5	600.0290	19.00	2.96	-31.99	37.18	27.15	46.00	18.85	Pass	H	PK
6	974.9715	22.55	3.75	-30.95	37.51	32.86	54.00	21.14	Pass	H	PK
7	39.9920	12.30	0.72	-32.11	44.84	25.75	40.00	14.25	Pass	V	PK
8	120.0250	9.20	1.30	-32.07	48.88	27.31	43.50	16.19	Pass	V	PK
9	208.8859	11.13	1.71	-31.94	49.10	30.00	43.50	13.50	Pass	V	PK
10	279.9940	12.80	1.99	-31.93	42.70	25.56	46.00	20.44	Pass	V	PK
11	452.2832	16.24	2.52	-31.88	38.08	24.96	46.00	21.04	Pass	V	PK
12	600.0290	19.00	2.96	-31.99	36.57	26.54	46.00	19.46	Pass	V	PK

Band 4 Below 1G

Mode:		802.11 a (HT20Mbps) 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	39.9920	12.30	0.72	-32.11	47.75	28.66	40.00	11.34	Pass	H	PK
2	54.7375	12.44	0.84	-32.08	32.96	14.16	40.00	25.84	Pass	H	PK
3	89.1759	9.21	1.09	-32.08	30.25	8.47	43.50	35.03	Pass	H	PK
4	120.0250	9.20	1.30	-32.07	47.83	26.26	43.50	17.24	Pass	H	PK
5	158.6349	7.85	1.47	-31.98	45.66	23.00	43.50	20.50	Pass	H	PK
6	226.0566	11.58	1.78	-31.92	51.62	33.06	46.00	12.94	Pass	H	PK
7	39.9920	12.30	0.72	-32.11	44.56	25.47	40.00	14.53	Pass	V	PK
8	120.0250	9.20	1.30	-32.07	48.68	27.11	43.50	16.39	Pass	V	PK
9	208.8859	11.13	1.71	-31.94	49.15	30.05	43.50	13.45	Pass	V	PK
10	315.7906	13.55	2.11	-31.86	38.51	22.31	46.00	23.69	Pass	V	PK
11	452.1862	16.23	2.52	-31.87	37.35	24.23	46.00	21.77	Pass	V	PK
12	625.0575	19.20	2.97	-31.98	36.11	26.30	46.00	19.70	Pass	V	PK

Mode:		802.11 a (HT20Mbps) 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	39.9920	12.30	0.72	-32.11	47.75	28.66	40.00	11.34	Pass	H	PK
2	120.0250	9.20	1.30	-32.07	48.01	26.44	43.50	17.06	Pass	H	PK
3	148.9339	7.51	1.44	-32.00	46.21	23.16	43.50	20.34	Pass	H	PK
4	226.0566	11.58	1.78	-31.92	51.26	32.70	46.00	13.30	Pass	H	PK
5	322.9693	13.71	2.13	-31.81	40.00	24.03	46.00	21.97	Pass	H	PK
6	387.7718	15.13	2.34	-31.82	37.46	23.11	46.00	22.89	Pass	H	PK
7	39.9920	12.30	0.72	-32.11	44.78	25.69	40.00	14.31	Pass	V	PK
8	54.3494	12.50	0.83	-32.08	40.98	22.23	40.00	17.77	Pass	V	PK
9	120.0250	9.20	1.30	-32.07	48.75	27.18	43.50	16.32	Pass	V	PK
10	208.8859	11.13	1.71	-31.94	49.30	30.20	43.50	13.30	Pass	V	PK
11	279.9940	12.80	1.99	-31.93	42.79	25.65	46.00	20.35	Pass	V	PK
12	649.9890	19.40	3.10	-32.07	36.33	26.76	46.00	19.24	Pass	V	PK

Mode:		802.11 a (HT20Mbps) 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	39.9920	12.30	0.72	-32.11	47.88	28.79	40.00	11.21	Pass	H	PK
2	120.0250	9.20	1.30	-32.07	47.90	26.33	43.50	17.17	Pass	H	PK
3	157.2767	7.80	1.46	-31.98	45.68	22.96	43.50	20.54	Pass	H	PK
4	226.3476	11.59	1.78	-31.92	51.45	32.90	46.00	13.10	Pass	H	PK
5	323.0663	13.71	2.13	-31.81	39.82	23.85	46.00	22.15	Pass	H	PK
6	600.0290	19.00	2.96	-31.99	37.06	27.03	46.00	18.97	Pass	H	PK
7	39.9920	12.30	0.72	-32.11	45.38	26.29	40.00	13.71	Pass	V	PK
8	53.3793	12.66	0.83	-32.10	40.58	21.97	40.00	18.03	Pass	V	PK
9	120.0250	9.20	1.30	-32.07	48.90	27.33	43.50	16.17	Pass	V	PK
10	208.8859	11.13	1.71	-31.94	49.06	29.96	43.50	13.54	Pass	V	PK
11	279.9940	12.80	1.99	-31.93	42.86	25.72	46.00	20.28	Pass	V	PK
12	315.6936	13.55	2.11	-31.87	37.77	21.56	46.00	24.44	Pass	V	PK

Mode:		802.11 n (HT20Mbps) 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	39.9920	12.30	0.72	-32.11	48.06	28.97	40.00	11.03	Pass	H	PK
2	120.0250	9.20	1.30	-32.07	47.72	26.15	43.50	17.35	Pass	H	PK
3	157.5678	7.81	1.47	-31.99	46.19	23.48	43.50	20.02	Pass	H	PK
4	199.9610	10.90	1.67	-31.94	44.21	24.84	43.50	18.66	Pass	H	PK
5	226.0566	11.58	1.78	-31.92	51.48	32.92	46.00	13.08	Pass	H	PK
6	316.8577	13.57	2.11	-31.85	40.35	24.18	46.00	21.82	Pass	H	PK
7	39.9920	12.30	0.72	-32.11	44.63	25.54	40.00	14.46	Pass	V	PK
8	120.0250	9.20	1.30	-32.07	48.83	27.26	43.50	16.24	Pass	V	PK
9	199.9610	10.90	1.67	-31.94	48.07	28.70	43.50	14.80	Pass	V	PK
10	208.8859	11.13	1.71	-31.94	49.26	30.16	43.50	13.34	Pass	V	PK
11	279.9940	12.80	1.99	-31.93	42.21	25.07	46.00	20.93	Pass	V	PK
12	315.6936	13.55	2.11	-31.87	37.96	21.75	46.00	24.25	Pass	V	PK

Mode:		802.11 n (HT20Mbps) 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	39.9920	12.30	0.72	-32.11	47.94	28.85	40.00	11.15	Pass	H	PK
2	120.0250	9.20	1.30	-32.07	48.07	26.50	43.50	17.00	Pass	H	PK
3	158.6349	7.85	1.47	-31.98	44.49	21.83	43.50	21.67	Pass	H	PK
4	199.9610	10.90	1.67	-31.94	44.53	25.16	43.50	18.34	Pass	H	PK
5	226.0566	11.58	1.78	-31.92	51.69	33.13	46.00	12.87	Pass	H	PK
6	316.5667	13.56	2.11	-31.85	39.78	23.60	46.00	22.40	Pass	H	PK
7	39.9920	12.30	0.72	-32.11	45.21	26.12	40.00	13.88	Pass	V	PK
8	120.0250	9.20	1.30	-32.07	48.54	26.97	43.50	16.53	Pass	V	PK
9	199.9610	10.90	1.67	-31.94	48.60	29.23	43.50	14.27	Pass	V	PK
10	208.8859	11.13	1.71	-31.94	48.80	29.70	43.50	13.80	Pass	V	PK
11	279.9940	12.80	1.99	-31.93	43.05	25.91	46.00	20.09	Pass	V	PK
12	325.0065	13.75	2.14	-31.79	39.18	23.28	46.00	22.72	Pass	V	PK

Mode:		802.11 n (HT20Mbps) 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	39.9920	12.30	0.72	-32.11	47.93	28.84	40.00	11.16	Pass	H	PK
2	120.0250	9.20	1.30	-32.07	48.28	26.71	43.50	16.79	Pass	H	PK
3	157.3737	7.81	1.46	-31.99	44.60	21.88	43.50	21.62	Pass	H	PK
4	199.9610	10.90	1.67	-31.94	45.02	25.65	43.50	17.85	Pass	H	PK
5	226.2506	11.58	1.78	-31.91	51.05	32.50	46.00	13.50	Pass	H	PK
6	323.0663	13.71	2.13	-31.81	39.04	23.07	46.00	22.93	Pass	H	PK
7	39.9920	12.30	0.72	-32.11	44.38	25.29	40.00	14.71	Pass	V	PK
8	54.5435	12.47	0.84	-32.08	39.55	20.78	40.00	19.22	Pass	V	PK
9	120.0250	9.20	1.30	-32.07	48.79	27.22	43.50	16.28	Pass	V	PK
10	208.8859	11.13	1.71	-31.94	49.09	29.99	43.50	13.51	Pass	V	PK
11	279.9940	12.80	1.99	-31.93	42.68	25.54	46.00	20.46	Pass	V	PK
12	325.0065	13.75	2.14	-31.79	36.57	20.67	46.00	25.33	Pass	V	PK

Mode:		802.11 n (HT40Mbps) 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	39.9920	12.30	0.72	-32.11	48.02	28.93	40.00	11.07	Pass	H	PK
2	120.0250	9.20	1.30	-32.07	47.45	25.88	43.50	17.62	Pass	H	PK
3	157.2767	7.80	1.46	-31.98	45.02	22.30	43.50	21.20	Pass	H	PK
4	199.9610	10.90	1.67	-31.94	44.28	24.91	43.50	18.59	Pass	H	PK
5	226.1536	11.58	1.78	-31.92	51.08	32.52	46.00	13.48	Pass	H	PK
6	322.9693	13.71	2.13	-31.81	42.87	26.90	46.00	19.10	Pass	H	PK
7	39.9920	12.30	0.72	-32.11	44.95	25.86	40.00	14.14	Pass	V	PK
8	55.3195	12.35	0.84	-32.07	40.30	21.42	40.00	18.58	Pass	V	PK
9	120.0250	9.20	1.30	-32.07	48.67	27.10	43.50	16.40	Pass	V	PK
10	208.8859	11.13	1.71	-31.94	49.64	30.54	43.50	12.96	Pass	V	PK
11	306.6717	13.35	2.08	-31.89	39.20	22.74	46.00	23.26	Pass	V	PK
12	440.0600	16.04	2.48	-31.88	38.98	25.62	46.00	20.38	Pass	V	PK

Mode:		802.11 n (HT40Mbps) 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	39.9920	12.30	0.72	-32.11	47.82	28.73	40.00	11.27	Pass	H	PK
2	120.0250	9.20	1.30	-32.07	47.31	25.74	43.50	17.76	Pass	H	PK
3	148.6429	7.50	1.44	-32.00	45.68	22.62	43.50	20.88	Pass	H	PK
4	226.1536	11.58	1.78	-31.92	51.04	32.48	46.00	13.52	Pass	H	PK
5	323.0663	13.71	2.13	-31.81	40.64	24.67	46.00	21.33	Pass	H	PK
6	600.0290	19.00	2.96	-31.99	35.95	25.92	46.00	20.08	Pass	H	PK
7	39.9920	12.30	0.72	-32.11	44.66	25.57	40.00	14.43	Pass	V	PK
8	54.7375	12.44	0.84	-32.08	39.91	21.11	40.00	18.89	Pass	V	PK
9	120.0250	9.20	1.30	-32.07	48.65	27.08	43.50	16.42	Pass	V	PK
10	208.8859	11.13	1.71	-31.94	49.51	30.41	43.50	13.09	Pass	V	PK
11	315.7906	13.55	2.11	-31.86	37.70	21.50	46.00	24.50	Pass	V	PK
12	452.3802	16.24	2.52	-31.88	37.71	24.59	46.00	21.41	Pass	V	PK

Mode:		802.11 ac (VHT20Mbps) 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	39.9920	12.30	0.72	-32.11	47.99	28.90	40.00	11.10	Pass	H	PK
2	120.0250	9.20	1.30	-32.07	47.90	26.33	43.50	17.17	Pass	H	PK
3	226.2506	11.58	1.78	-31.91	50.43	31.88	46.00	14.12	Pass	H	PK
4	323.1633	13.71	2.13	-31.81	40.48	24.51	46.00	21.49	Pass	H	PK
5	600.0290	19.00	2.96	-31.99	37.27	27.24	46.00	18.76	Pass	H	PK
6	844.9785	21.44	3.50	-31.82	33.35	26.47	46.00	19.53	Pass	H	PK
7	39.9920	12.30	0.72	-32.11	44.24	25.15	40.00	14.85	Pass	V	PK
8	53.9614	12.57	0.83	-32.09	40.58	21.89	40.00	18.11	Pass	V	PK
9	120.0250	9.20	1.30	-32.07	48.72	27.15	43.50	16.35	Pass	V	PK
10	208.8859	11.13	1.71	-31.94	48.89	29.79	43.50	13.71	Pass	V	PK
11	307.1567	13.36	2.08	-31.89	38.84	22.39	46.00	23.61	Pass	V	PK
12	974.9715	22.55	3.75	-30.95	35.96	31.31	54.00	22.69	Pass	V	PK

Mode:		802.11 ac (VHT20Mbps) 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	39.9920	12.30	0.72	-32.11	47.80	28.71	40.00	11.29	Pass	H	PK
2	120.0250	9.20	1.30	-32.07	48.01	26.44	43.50	17.06	Pass	H	PK
3	226.0566	11.58	1.78	-31.92	50.47	31.91	46.00	14.09	Pass	H	PK
4	279.9940	12.80	1.99	-31.93	43.32	26.18	46.00	19.82	Pass	H	PK
5	387.5778	15.13	2.34	-31.83	39.83	25.47	46.00	20.53	Pass	H	PK
6	649.9890	19.40	3.10	-32.07	36.51	26.94	46.00	19.06	Pass	H	PK
7	39.9920	12.30	0.72	-32.11	44.47	25.38	40.00	14.62	Pass	V	PK
8	120.0250	9.20	1.30	-32.07	48.84	27.27	43.50	16.23	Pass	V	PK
9	208.8859	11.13	1.71	-31.94	48.78	29.68	43.50	13.82	Pass	V	PK
10	279.9940	12.80	1.99	-31.93	42.97	25.83	46.00	20.17	Pass	V	PK
11	439.9630	16.04	2.48	-31.88	38.41	25.05	46.00	20.95	Pass	V	PK
12	519.9960	17.40	2.73	-31.93	36.62	24.82	46.00	21.18	Pass	V	PK

Mode:		802.11 ac (VHT20Mbps) 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	39.9920	12.30	0.72	-32.11	48.02	28.93	40.00	11.07	Pass	H	PK
2	120.0250	9.20	1.30	-32.07	47.94	26.37	43.50	17.13	Pass	H	PK
3	226.1536	11.58	1.78	-31.92	50.43	31.87	46.00	14.13	Pass	H	PK
4	279.9940	12.80	1.99	-31.93	43.85	26.71	46.00	19.29	Pass	H	PK
5	519.9960	17.40	2.73	-31.93	35.76	23.96	46.00	22.04	Pass	H	PK
6	600.0290	19.00	2.96	-31.99	36.41	26.38	46.00	19.62	Pass	H	PK
7	39.9920	12.30	0.72	-32.11	44.40	25.31	40.00	14.69	Pass	V	PK
8	120.0250	9.20	1.30	-32.07	48.62	27.05	43.50	16.45	Pass	V	PK
9	208.8859	11.13	1.71	-31.94	48.35	29.25	43.50	14.25	Pass	V	PK
10	305.8956	13.33	2.08	-31.88	37.86	21.39	46.00	24.61	Pass	V	PK
11	625.0575	19.20	2.97	-31.98	36.82	27.01	46.00	18.99	Pass	V	PK
12	844.9785	21.44	3.50	-31.82	33.64	26.76	46.00	19.24	Pass	V	PK

Mode:		802.11 ac (VHT40Mbps) 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	39.9920	12.30	0.72	-32.11	47.66	28.57	40.00	11.43	Pass	H	PK
2	120.0250	9.20	1.30	-32.07	48.18	26.61	43.50	16.89	Pass	H	PK
3	226.1536	11.58	1.78	-31.92	50.44	31.88	46.00	14.12	Pass	H	PK
4	387.5778	15.13	2.34	-31.83	38.44	24.08	46.00	21.92	Pass	H	PK
5	687.5318	19.70	3.14	-32.06	35.30	26.08	46.00	19.92	Pass	H	PK
6	974.9715	22.55	3.75	-30.95	37.36	32.71	54.00	21.29	Pass	H	PK
7	39.9920	12.30	0.72	-32.11	44.76	25.67	40.00	14.33	Pass	V	PK
8	54.6405	12.46	0.84	-32.09	39.25	20.46	40.00	19.54	Pass	V	PK
9	120.0250	9.20	1.30	-32.07	48.98	27.41	43.50	16.09	Pass	V	PK
10	199.9610	10.90	1.67	-31.94	48.38	29.01	43.50	14.49	Pass	V	PK
11	208.8859	11.13	1.71	-31.94	48.92	29.82	43.50	13.68	Pass	V	PK
12	279.9940	12.80	1.99	-31.93	42.95	25.81	46.00	20.19	Pass	V	PK

Mode:		802.11 ac (VHT40Mbps) 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	39.9920	12.30	0.72	-32.11	48.00	28.91	40.00	11.09	Pass	H	PK
2	120.0250	9.20	1.30	-32.07	47.36	25.79	43.50	17.71	Pass	H	PK
3	226.0566	11.58	1.78	-31.92	50.57	32.01	46.00	13.99	Pass	H	PK
4	290.8591	13.02	2.03	-31.88	42.31	25.48	46.00	20.52	Pass	H	PK
5	387.6748	15.13	2.34	-31.83	38.65	24.29	46.00	21.71	Pass	H	PK
6	687.5318	19.70	3.14	-32.06	35.59	26.37	46.00	19.63	Pass	H	PK
7	39.9920	12.30	0.72	-32.11	45.26	26.17	40.00	13.83	Pass	V	PK
8	120.0250	9.20	1.30	-32.07	48.78	27.21	43.50	16.29	Pass	V	PK
9	208.8859	11.13	1.71	-31.94	49.45	30.35	43.50	13.15	Pass	V	PK
10	307.1567	13.36	2.08	-31.89	38.29	21.84	46.00	24.16	Pass	V	PK
11	519.9960	17.40	2.73	-31.93	37.70	25.90	46.00	20.10	Pass	V	PK
12	625.0575	19.20	2.97	-31.98	36.01	26.20	46.00	19.80	Pass	V	PK

Mode:		802.11 ac (VHT80Mbps) 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	120.0250	9.20	1.30	-32.07	47.26	25.69	43.50	17.81	Pass	H	PK
2	226.1536	11.58	1.78	-31.92	50.19	31.63	46.00	14.37	Pass	H	PK
3	279.9940	12.80	1.99	-31.93	43.00	25.86	46.00	20.14	Pass	H	PK
4	324.9095	13.75	2.14	-31.80	39.46	23.55	46.00	22.45	Pass	H	PK
5	600.0290	19.00	2.96	-31.99	38.21	28.18	46.00	17.82	Pass	H	PK
6	974.9715	22.55	3.75	-30.95	37.63	32.98	54.00	21.02	Pass	H	PK
7	39.9920	12.30	0.72	-32.11	44.87	25.78	40.00	14.22	Pass	V	PK
8	120.0250	9.20	1.30	-32.07	48.53	26.96	43.50	16.54	Pass	V	PK
9	199.9610	10.90	1.67	-31.94	48.19	28.82	43.50	14.68	Pass	V	PK
10	208.8859	11.13	1.71	-31.94	48.74	29.64	43.50	13.86	Pass	V	PK
11	306.4776	13.34	2.08	-31.88	37.83	21.37	46.00	24.63	Pass	V	PK
12	625.0575	19.20	2.97	-31.98	36.88	27.07	46.00	18.93	Pass	V	PK

Band 1 Above 1G

Mode:		802.11 a (HT20Mbps) 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	1500.0000	28.40	3.51	-42.67	56.37	45.61	74.00	28.39	Pass	H	PK
2	2590.0000	32.54	4.79	-42.34	48.30	43.29	74.00	30.71	Pass	H	PK
3	6311.8812	35.86	8.51	-41.15	45.83	49.05	74.00	24.95	Pass	H	PK
4	10368.8579	38.32	7.34	-40.98	54.04	58.72	74.00	15.28	Pass	H	PK
5	11604.0403	38.98	7.72	-41.34	46.50	51.86	74.00	22.14	Pass	H	PK
6	15540.0000	40.98	10.10	-43.02	44.25	52.31	74.00	21.69	Pass	H	PK
7	10356.9337	38.30	7.26	-40.96	42.00	46.60	54.00	7.40	Pass	H	AV
8	2590.0000	32.54	4.79	-42.34	49.27	44.26	74.00	29.74	Pass	V	PK
9	3554.4554	33.44	5.78	-41.70	49.75	47.27	74.00	26.73	Pass	V	PK
10	7483.6989	36.58	6.52	-40.78	48.23	50.55	74.00	23.45	Pass	V	PK
11	10353.5236	38.29	7.24	-40.94	54.59	59.18	74.00	14.82	Pass	V	PK
12	11665.3777	39.03	7.52	-41.32	47.46	52.69	74.00	21.31	Pass	V	PK
13	15540.0000	40.98	10.10	-43.02	45.68	53.74	74.00	20.26	Pass	V	PK
14	10356.7332	38.30	7.26	-40.96	39.99	44.59	54.00	9.41	Pass	V	AV

Mode:		802.11 a (HT20Mbps) 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	2600.0000	32.56	4.77	-42.34	48.48	43.47	74.00	30.53	Pass	H	PK
2	3421.8922	33.37	5.76	-41.87	49.50	46.76	74.00	27.24	Pass	H	PK
3	7492.8995	36.59	6.52	-40.77	47.12	49.46	74.00	24.54	Pass	H	PK
4	10396.4598	38.36	7.52	-41.03	43.14	47.99	74.00	26.01	Pass	H	PK
5	11806.4538	39.15	7.66	-41.28	46.53	52.06	74.00	21.94	Pass	H	PK
6	15600.0000	41.10	9.80	-43.06	43.37	51.21	74.00	22.79	Pass	H	PK
7	2600.0000	32.56	4.77	-42.34	48.02	43.01	74.00	30.99	Pass	V	PK
8	5204.6205	34.70	7.44	-40.55	49.07	50.66	74.00	23.34	Pass	V	PK
9	6294.8295	35.86	8.44	-41.15	45.52	48.67	74.00	25.33	Pass	V	PK
10	8287.2191	36.51	6.47	-40.74	46.49	48.73	74.00	25.27	Pass	V	PK
11	10397.9932	38.36	7.53	-41.03	55.36	60.22	74.00	13.78	Pass	V	PK
12	15600.0000	41.10	9.80	-43.06	46.43	54.27	74.00	19.73	Pass	V	PK
13	10396.7454	38.36	7.52	-41.02	39.07	43.93	54.00	10.07	Pass	V	AV

Mode:		802.11 a (HT20Mbps) 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	2620.0000	32.59	4.80	-42.32	47.09	42.16	74.00	31.84	Pass	H	PK
2	3577.5578	33.46	5.85	-41.65	50.30	47.96	74.00	26.04	Pass	H	PK
3	6229.3729	35.85	8.29	-41.14	46.12	49.12	74.00	24.88	Pass	H	PK
4	7638.5759	36.54	6.37	-40.83	46.49	48.57	74.00	25.43	Pass	H	PK
5	10480.7987	38.47	7.45	-41.15	43.26	48.03	74.00	25.97	Pass	H	PK
6	15720.0000	41.34	10.45	-43.15	43.56	52.20	74.00	21.80	Pass	H	PK
7	2199.1199	31.98	4.39	-42.52	53.19	47.04	74.00	26.96	Pass	V	PK
8	2620.0000	32.59	4.80	-42.32	47.73	42.80	74.00	31.20	Pass	V	PK
9	5233.2233	34.73	7.45	-40.57	49.09	50.70	74.00	23.30	Pass	V	PK
10	10480.0320	38.47	7.45	-41.15	54.05	58.82	74.00	15.18	Pass	V	PK
11	12308.6539	39.49	7.73	-41.15	45.98	52.05	74.00	21.95	Pass	V	PK
12	15720.0000	41.34	10.45	-43.15	43.58	52.22	74.00	21.78	Pass	V	PK
13	10476.1544	38.47	7.46	-41.14	41.64	46.43	54.00	7.57	Pass	V	AV

Mode:		802.11 n (HT20Mbps) 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	2590.0000	32.54	4.79	-42.34	47.64	42.63	74.00	31.37	Pass	H	PK
2	6318.4818	35.86	8.55	-41.15	46.33	49.59	74.00	24.41	Pass	H	PK
3	8011.2007	36.40	6.55	-40.98	46.50	48.47	74.00	25.53	Pass	H	PK
4	10375.7584	38.33	7.38	-40.99	50.68	55.40	74.00	18.60	Pass	H	PK
5	12660.5774	39.60	8.15	-41.30	45.90	52.35	74.00	21.65	Pass	H	PK
6	15540.0000	40.98	10.10	-43.02	43.82	51.88	74.00	22.12	Pass	H	PK
7	10381.4651	38.33	7.42	-41.00	38.80	43.55	54.00	10.45	Pass	H	AV
8	2590.0000	32.54	4.79	-42.34	47.77	42.76	74.00	31.24	Pass	V	PK
9	5192.5193	34.69	7.47	-40.55	47.73	49.34	74.00	24.66	Pass	V	PK
10	6238.1738	35.85	8.27	-41.14	45.93	48.91	74.00	25.09	Pass	V	PK
11	10376.5251	38.33	7.39	-40.99	43.93	48.66	74.00	25.34	Pass	V	PK
12	13609.0073	39.47	8.59	-41.19	46.07	52.94	74.00	21.06	Pass	V	PK
13	15540.0000	40.98	10.10	-43.02	43.43	51.49	74.00	22.51	Pass	V	PK

Mode:		802.11 n (HT20Mbps) 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	2600.0000	32.56	4.77	-42.34	48.18	43.17	74.00	30.83	Pass	H	PK
2	3465.3465	33.39	5.74	-41.84	49.67	46.96	74.00	27.04	Pass	H	PK
3	6317.9318	35.86	8.54	-41.15	46.01	49.26	74.00	24.74	Pass	H	PK
4	10402.5935	38.36	7.54	-41.03	51.43	56.30	74.00	17.70	Pass	H	PK
5	12617.6412	39.60	8.08	-41.25	45.79	52.22	74.00	21.78	Pass	H	PK
6	15600.0000	41.10	9.80	-43.06	43.70	51.54	74.00	22.46	Pass	H	PK
7	10396.4560	38.36	7.52	-41.02	39.78	44.64	54.00	9.36	Pass	H	AV
8	2600.0000	32.56	4.77	-42.34	48.35	43.34	74.00	30.66	Pass	V	PK
9	5207.9208	34.71	7.44	-40.56	47.77	49.36	74.00	24.64	Pass	V	PK
10	7632.4422	36.55	6.43	-40.84	46.07	48.21	74.00	25.79	Pass	V	PK
11	10394.9263	38.35	7.51	-41.02	54.09	58.93	74.00	15.07	Pass	V	PK
12	12632.2088	39.60	8.13	-41.27	45.60	52.06	74.00	21.94	Pass	V	PK
13	15600.0000	41.10	9.80	-43.06	44.12	51.96	74.00	22.04	Pass	V	PK
14	10396.9013	38.36	7.52	-41.02	38.47	43.33	54.00	10.67	Pass	V	AV

Mode:		802.11 n (HT20Mbps) 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	2620.0000	32.59	4.80	-42.32	48.27	43.34	74.00	30.66	Pass	H	PK
2	6224.4224	35.84	8.31	-41.13	45.97	48.99	74.00	25.01	Pass	H	PK
3	10476.9651	38.47	7.46	-41.15	50.99	55.77	74.00	18.23	Pass	H	PK
4	13079.2053	39.57	7.92	-41.65	47.41	53.25	74.00	20.75	Pass	H	PK
5	14405.6270	40.11	9.25	-42.08	46.17	53.45	74.00	20.55	Pass	H	PK
6	15720.0000	41.34	10.45	-43.15	44.47	53.11	74.00	20.89	Pass	H	PK
7	10474.9745	38.46	7.46	-41.14	37.73	42.51	54.00	11.49	Pass	H	AV
8	2620.0000	32.59	4.80	-42.32	47.14	42.21	74.00	31.79	Pass	V	PK
9	6222.7723	35.84	8.31	-41.13	46.12	49.14	74.00	24.86	Pass	V	PK
10	10480.7987	38.47	7.45	-41.15	54.99	59.76	74.00	14.24	Pass	V	PK
11	12239.6493	39.44	7.79	-41.16	46.14	52.21	74.00	21.79	Pass	V	PK
12	14253.8169	39.95	9.23	-41.77	47.54	54.95	74.00	19.05	Pass	V	PK
13	15720.0000	41.34	10.45	-43.15	43.97	52.61	74.00	21.39	Pass	V	PK
14	10475.3487	38.47	7.46	-41.14	40.28	45.07	54.00	8.93	Pass	V	AV

Mode:		802.11 n (HT40Mbps) 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	2595.0000	32.55	4.78	-42.34	48.70	43.69	74.00	30.31	Pass	H	PK
2	3568.2068	33.45	5.82	-41.67	49.03	46.63	74.00	27.37	Pass	H	PK
3	8104.7403	36.44	6.55	-40.91	45.99	48.07	74.00	25.93	Pass	H	PK
4	10358.8906	38.30	7.28	-40.96	54.37	58.99	74.00	15.01	Pass	H	PK
5	12774.0516	39.60	8.03	-41.45	46.44	52.62	74.00	21.38	Pass	H	PK
6	15570.0000	41.04	10.06	-43.05	43.40	51.45	74.00	22.55	Pass	H	PK
7	10356.9224	38.30	7.26	-40.96	41.37	45.97	54.00	8.03	Pass	H	AV
8	2595.0000	32.55	4.78	-42.34	48.20	43.19	74.00	30.81	Pass	V	PK
9	5629.8130	35.21	8.14	-40.76	46.24	48.83	74.00	25.17	Pass	V	PK
10	10360.4240	38.30	7.29	-40.96	54.77	59.40	74.00	14.60	Pass	V	PK
11	12442.8295	39.57	7.93	-41.11	45.83	52.22	74.00	21.78	Pass	V	PK
12	14251.5168	39.95	9.26	-41.78	46.40	53.83	74.00	20.17	Pass	V	PK
13	15570.0000	41.04	10.06	-43.05	43.64	51.69	74.00	22.31	Pass	V	PK
14	10356.4870	38.30	7.26	-40.96	38.79	43.39	54.00	10.61	Pass	V	AV

Mode:		802.11 n (HT40Mbps) 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	2615.0000	32.58	4.79	-42.32	47.68	42.73	74.00	31.27	Pass	H	PK
2	3590.2090	33.47	5.89	-41.63	49.63	47.36	74.00	26.64	Pass	H	PK
3	6222.7723	35.84	8.31	-41.13	46.47	49.49	74.00	24.51	Pass	H	PK
4	10365.0243	38.31	7.32	-40.97	53.64	58.30	74.00	15.70	Pass	H	PK
5	13248.6499	39.50	8.06	-41.45	46.62	52.73	74.00	21.27	Pass	H	PK
6	15690.0000	41.28	10.53	-43.14	42.06	50.73	74.00	23.27	Pass	H	PK
7	10355.3848	38.30	7.25	-40.95	41.24	45.84	54.00	8.16	Pass	H	AV
8	2615.0000	32.58	4.79	-42.32	48.14	43.19	74.00	30.81	Pass	V	PK
9	3187.5688	33.28	5.68	-42.01	51.13	48.08	74.00	25.92	Pass	V	PK
10	6340.4840	35.87	8.65	-41.16	45.90	49.26	74.00	24.74	Pass	V	PK
11	10361.1907	38.31	7.29	-40.97	53.77	58.40	74.00	15.60	Pass	V	PK
12	12333.1889	39.50	7.77	-41.14	46.19	52.32	74.00	21.68	Pass	V	PK
13	15690.0000	41.28	10.53	-43.14	42.43	51.10	74.00	22.90	Pass	V	PK
14	10356.7354	38.30	7.26	-40.96	41.13	45.73	54.00	8.27	Pass	V	AV

Mode:		802.11 ac (VHT20Mbps) 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	1527.5028	28.58	3.52	-42.73	50.47	39.84	74.00	34.16	Pass	H	PK
2	2590.0000	32.54	4.79	-42.34	47.89	42.88	74.00	31.12	Pass	H	PK
3	3458.1958	33.38	5.74	-41.84	49.32	46.60	74.00	27.40	Pass	H	PK
4	6353.6854	35.87	8.68	-41.16	45.77	49.16	74.00	24.84	Pass	H	PK
5	10344.3230	38.28	7.22	-40.94	47.00	51.56	74.00	22.44	Pass	H	PK
6	15540.0000	40.98	10.10	-43.02	43.16	51.22	74.00	22.78	Pass	H	PK
7	2590.0000	32.54	4.79	-42.34	47.75	42.74	74.00	31.26	Pass	V	PK
8	3195.8196	33.28	5.73	-42.01	51.14	48.14	74.00	25.86	Pass	V	PK
9	5171.6172	34.67	7.54	-40.54	48.45	50.12	74.00	23.88	Pass	V	PK
10	10358.8906	38.30	7.28	-40.96	55.81	60.43	74.00	13.57	Pass	V	PK
11	13645.8097	39.49	8.55	-41.20	46.78	53.62	74.00	20.38	Pass	V	PK
12	15540.0000	40.98	10.10	-43.02	45.66	53.72	74.00	20.28	Pass	V	PK
13	10356.4045	38.30	7.26	-40.96	42.00	46.60	54.00	7.40	Pass	V	AV

Mode:		802.11 ac (VHT20Mbps) 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	2600.0000	32.56	4.77	-42.34	48.85	43.84	74.00	30.16	Pass	H	PK
2	3581.4081	33.47	5.86	-41.65	49.35	47.03	74.00	26.97	Pass	H	PK
3	6222.2222	35.84	8.31	-41.13	46.67	49.69	74.00	24.31	Pass	H	PK
4	10400.0000	38.36	7.54	-41.02	42.11	46.99	74.00	27.01	Pass	H	PK
5	12396.0597	39.54	7.95	-41.13	45.77	52.13	74.00	21.87	Pass	H	PK
6	15600.0000	41.10	9.80	-43.06	43.36	51.20	74.00	22.80	Pass	H	PK
7	2600.0000	32.56	4.77	-42.34	48.42	43.41	74.00	30.59	Pass	V	PK
8	5208.4708	34.71	7.44	-40.56	48.12	49.71	74.00	24.29	Pass	V	PK
9	6473.0473	35.89	8.56	-41.18	46.17	49.44	74.00	24.56	Pass	V	PK
10	10401.0601	38.36	7.54	-41.02	56.73	61.61	74.00	12.39	Pass	V	PK
11	12367.6912	39.52	7.86	-41.13	45.65	51.90	74.00	22.10	Pass	V	PK
12	15600.0000	41.10	9.80	-43.06	43.76	51.60	74.00	22.40	Pass	V	PK
13	10397.3157	38.36	7.52	-41.02	43.10	47.96	54.00	6.04	Pass	V	AV

Mode:		802.11 ac (VHT20Mbps) 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	2620.0000	32.59	4.80	-42.32	48.26	43.33	74.00	30.67	Pass	H	PK
2	6323.9824	35.86	8.57	-41.15	46.05	49.33	74.00	24.67	Pass	H	PK
3	10480.0000	38.47	7.45	-41.15	44.59	49.36	74.00	24.64	Pass	H	PK
4	13093.0062	39.56	7.91	-41.63	47.28	53.12	74.00	20.88	Pass	H	PK
5	13644.2763	39.49	8.55	-41.20	46.63	53.47	74.00	20.53	Pass	H	PK
6	15720.0000	41.34	10.45	-43.15	43.28	51.92	74.00	22.08	Pass	H	PK
7	2620.0000	32.59	4.80	-42.32	48.25	43.32	74.00	30.68	Pass	V	PK
8	8052.6035	36.42	6.57	-40.95	46.55	48.59	74.00	25.41	Pass	V	PK
9	10478.4986	38.47	7.45	-41.14	55.38	60.16	74.00	13.84	Pass	V	PK
10	12353.8903	39.51	7.81	-41.13	46.14	52.33	74.00	21.67	Pass	V	PK
11	13682.6122	39.51	8.47	-41.21	46.37	53.14	74.00	20.86	Pass	V	PK
12	15720.0000	41.34	10.45	-43.15	43.20	51.84	74.00	22.16	Pass	V	PK
13	10477.9747	38.47	7.45	-41.15	41.93	46.70	54.00	7.30	Pass	V	AV

Mode:		802.11 ac (VHT40Mbps) 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	2595.0000	32.55	4.78	-42.34	48.25	43.24	74.00	30.76	Pass	H	PK
2	3922.4422	33.74	6.26	-40.95	44.75	43.80	74.00	30.20	Pass	H	PK
3	5898.2398	35.64	8.23	-41.00	46.07	48.94	74.00	25.06	Pass	H	PK
4	10383.4256	38.34	7.43	-41.00	42.97	47.74	74.00	26.26	Pass	H	PK
5	11805.6870	39.14	7.66	-41.27	46.54	52.07	74.00	21.93	Pass	H	PK
6	15570.0000	41.04	10.06	-43.05	43.11	51.16	74.00	22.84	Pass	H	PK
7	2595.0000	32.55	4.78	-42.34	49.11	44.10	74.00	29.90	Pass	V	PK
8	6498.8999	35.90	8.67	-41.19	45.81	49.19	74.00	24.81	Pass	V	PK
9	10384.9590	38.34	7.44	-41.00	44.95	49.73	74.00	24.27	Pass	V	PK
10	11811.0541	39.15	7.66	-41.27	46.78	52.32	74.00	21.68	Pass	V	PK
11	14183.2789	39.88	9.06	-41.64	46.57	53.87	74.00	20.13	Pass	V	PK
12	15570.0000	41.04	10.06	-43.05	42.94	50.99	74.00	23.01	Pass	V	PK

Mode:		802.11 ac (VHT40Mbps) 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	2615.0000	32.58	4.79	-42.32	49.37	44.42	74.00	29.58	Pass	H	PK
2	3466.9967	33.39	5.74	-41.84	49.86	47.15	74.00	26.85	Pass	H	PK
3	6217.2717	35.84	8.33	-41.13	46.37	49.41	74.00	24.59	Pass	H	PK
4	10463.1642	38.45	7.48	-41.12	43.64	48.45	74.00	25.55	Pass	H	PK
5	12830.7887	39.60	7.98	-41.52	46.37	52.43	74.00	21.57	Pass	H	PK
6	15690.0000	41.28	10.53	-43.14	43.46	52.13	74.00	21.87	Pass	H	PK
7	2615.0000	32.58	4.79	-42.32	47.72	42.77	74.00	31.23	Pass	V	PK
8	3185.9186	33.27	5.67	-42.00	50.75	47.69	74.00	26.31	Pass	V	PK
9	5216.1716	34.72	7.44	-40.56	47.63	49.23	74.00	24.77	Pass	V	PK
10	10457.0305	38.44	7.50	-41.12	53.08	57.90	74.00	16.10	Pass	V	PK
11	12264.1843	39.46	7.72	-41.15	47.05	53.08	74.00	20.92	Pass	V	PK
12	15690.0000	41.28	10.53	-43.14	42.66	51.33	74.00	22.67	Pass	V	PK
13	10460.5859	38.44	7.49	-41.12	38.99	43.80	54.00	10.20	Pass	V	AV

Mode:		802.11 ac (VHT80Mbps) 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	2605.0000	32.57	4.78	-42.34	48.77	43.78	74.00	30.22	Pass	H	PK
2	3544.5545	33.44	5.77	-41.73	50.10	47.58	74.00	26.42	Pass	H	PK
3	6473.5974	35.89	8.56	-41.18	46.05	49.32	74.00	24.68	Pass	H	PK
4	10378.8253	38.33	7.40	-40.99	46.99	51.73	74.00	22.27	Pass	H	PK
5	12678.2119	39.60	8.11	-41.33	46.59	52.97	74.00	21.03	Pass	H	PK
6	15630.0000	41.16	10.41	-43.09	44.03	52.51	74.00	21.49	Pass	H	PK
7	2605.0000	32.57	4.78	-42.34	48.88	43.89	74.00	30.11	Pass	V	PK
8	3597.3597	33.48	5.91	-41.62	50.62	48.39	74.00	25.61	Pass	V	PK
9	6485.1485	35.90	8.61	-41.19	46.07	49.39	74.00	24.61	Pass	V	PK
10	10376.5251	38.33	7.39	-40.99	45.82	50.55	74.00	23.45	Pass	V	PK
11	14207.0471	39.91	9.06	-41.68	46.37	53.66	74.00	20.34	Pass	V	PK
12	15630.0000	41.16	10.41	-43.09	43.61	52.09	74.00	21.91	Pass	V	PK

Band 4 Above 1G

Mode:		802.11 a (HT20Mbps) 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	1200.7701	28.10	2.87	-42.89	53.80	41.88	74.00	32.12	Pass	H	PK
2	1996.6997	31.68	3.65	-42.61	54.65	47.37	74.00	26.63	Pass	H	PK
3	2872.5000	33.00	4.48	-42.19	47.61	42.90	74.00	31.10	Pass	H	PK
4	5738.1738	35.38	6.99	-40.85	50.69	52.21	74.00	21.79	Pass	H	PK
5	11490.0000	38.89	7.94	-41.37	43.63	49.09	74.00	24.91	Pass	H	PK
6	14083.6056	39.78	8.68	-41.45	46.30	53.31	74.00	20.69	Pass	H	PK
7	1394.9395	28.29	2.95	-42.68	56.80	45.36	74.00	28.64	Pass	V	PK
8	2872.5000	33.00	4.48	-42.19	48.47	43.76	74.00	30.24	Pass	V	PK
9	5671.0671	35.27	6.97	-40.79	47.26	48.71	74.00	25.29	Pass	V	PK
10	6465.8966	35.89	7.27	-41.18	45.67	47.65	74.00	26.35	Pass	V	PK
11	11490.0000	38.89	7.94	-41.37	47.81	53.27	74.00	20.73	Pass	V	PK
12	14251.5168	39.95	9.26	-41.78	46.15	53.58	74.00	20.42	Pass	V	PK

Mode:		802.11 a (HT20Mbps) 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	1500.0000	28.40	3.10	-42.67	56.16	44.99	74.00	29.01	Pass	H	PK
2	2892.5000	33.03	4.47	-42.18	48.51	43.83	74.00	30.17	Pass	H	PK
3	3584.1584	33.47	5.13	-41.64	50.13	47.09	74.00	26.91	Pass	H	PK
4	7640.8761	36.54	6.35	-40.83	45.62	47.68	74.00	26.32	Pass	H	PK
5	11570.0000	38.96	7.70	-41.36	45.84	51.14	74.00	22.86	Pass	H	PK
6	14192.4795	39.89	9.04	-41.65	46.71	53.99	74.00	20.01	Pass	H	PK
7	2892.5000	33.03	4.47	-42.18	48.44	43.76	74.00	30.24	Pass	V	PK
8	6425.1925	35.89	7.05	-41.18	45.90	47.66	74.00	26.34	Pass	V	PK
9	8105.5070	36.44	6.54	-40.90	46.25	48.33	74.00	25.67	Pass	V	PK
10	11570.0000	38.96	7.70	-41.36	45.67	50.97	74.00	23.03	Pass	V	PK
11	15535.0023	40.97	10.03	-43.02	45.65	53.63	74.00	20.37	Pass	V	PK
12	17355.0000	42.56	11.03	-43.59	42.40	52.40	74.00	21.60	Pass	V	PK

Mode:		802.11 a (HT20Mbps) 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	1500.0000	28.40	3.10	-42.67	56.02	44.85	74.00	29.15	Pass	H	PK
2	2912.5000	33.06	4.50	-42.17	48.03	43.42	74.00	30.58	Pass	H	PK
3	6473.5974	35.89	7.33	-41.18	46.38	48.42	74.00	25.58	Pass	H	PK
4	7384.7923	36.48	6.43	-40.86	45.74	47.79	74.00	26.21	Pass	H	PK
5	11650.0000	39.02	7.54	-41.33	46.24	51.47	74.00	22.53	Pass	H	PK
6	13693.3462	39.52	8.44	-41.21	47.04	53.79	74.00	20.21	Pass	H	PK
7	1397.1397	28.30	2.95	-42.69	58.36	46.92	74.00	27.08	Pass	V	PK
8	2912.5000	33.06	4.50	-42.17	49.58	44.97	74.00	29.03	Pass	V	PK
9	5892.7393	35.63	7.03	-41.00	45.78	47.44	74.00	26.56	Pass	V	PK
10	8343.1895	36.54	6.57	-40.70	45.99	48.40	74.00	25.60	Pass	V	PK
11	11650.0000	39.02	7.54	-41.33	48.63	53.86	74.00	20.14	Pass	V	PK
12	14171.7781	39.87	9.08	-41.61	45.65	52.99	74.00	21.01	Pass	V	PK

Mode:		802.11 n (HT20Mbps) 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	1500.0000	28.40	3.10	-42.67	54.06	42.89	74.00	31.11	Pass	H	PK
2	2872.5000	33.00	4.48	-42.19	48.38	43.67	74.00	30.33	Pass	H	PK
3	6498.3498	35.90	7.55	-41.19	45.76	48.02	74.00	25.98	Pass	H	PK
4	11490.0000	38.89	7.94	-41.37	43.85	49.31	74.00	24.69	Pass	H	PK
5	12790.1527	39.60	8.07	-41.48	46.35	52.54	74.00	21.46	Pass	H	PK
6	14246.1497	39.95	9.25	-41.76	46.28	53.72	74.00	20.28	Pass	H	PK
7	1396.5897	28.30	2.95	-42.69	55.87	44.43	74.00	29.57	Pass	V	PK
8	2872.5000	33.00	4.48	-42.19	48.25	43.54	74.00	30.46	Pass	V	PK
9	5179.3179	34.68	6.21	-40.55	46.13	46.47	74.00	27.53	Pass	V	PK
10	6496.6997	35.90	7.53	-41.19	45.23	47.47	74.00	26.53	Pass	V	PK
11	11490.0000	38.89	7.94	-41.37	45.76	51.22	74.00	22.78	Pass	V	PK
12	14566.6378	40.23	9.12	-42.27	45.23	52.31	74.00	21.69	Pass	V	PK

Mode:		802.11 n (HT20Mbps) 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	54.69	42.77	74.00	31.23	Pass	H	PK
2	2912.5000	33.06	4.50	-42.17	47.52	42.91	74.00	31.09	Pass	H	PK
3	6309.1309	35.86	7.40	-41.15	45.46	47.57	74.00	26.43	Pass	H	PK
4	10160.3107	38.02	7.13	-40.64	45.14	49.65	74.00	24.35	Pass	H	PK
5	11650.0000	39.02	7.54	-41.33	45.07	50.30	74.00	23.70	Pass	H	PK
6	14409.4606	40.11	9.28	-42.09	46.26	53.56	74.00	20.44	Pass	H	PK
7	1993.3993	31.66	3.65	-42.62	55.09	47.78	74.00	26.22	Pass	V	PK
8	2892.5000	33.03	4.47	-42.18	48.26	43.58	74.00	30.42	Pass	V	PK
9	8301.7868	36.52	6.49	-40.73	46.00	48.28	74.00	25.72	Pass	V	PK
10	11570.0000	38.96	7.70	-41.36	44.63	49.93	74.00	24.07	Pass	V	PK
11	13901.1267	39.64	9.06	-41.25	45.99	53.44	74.00	20.56	Pass	V	PK
12	17355.0000	42.56	11.03	-43.59	41.99	51.99	74.00	22.01	Pass	V	PK

Mode:		802.11 n (HT20Mbps) 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	1500.0000	28.40	3.10	-42.67	56.09	44.92	74.00	29.08	Pass	H	PK
2	2912.5000	33.06	4.50	-42.17	47.47	42.86	74.00	31.14	Pass	H	PK
3	8186.0124	36.47	6.52	-40.83	46.54	48.70	74.00	25.30	Pass	H	PK
4	11650.0000	39.02	7.54	-41.33	43.88	49.11	74.00	24.89	Pass	H	PK
5	14218.5479	39.92	9.12	-41.71	46.65	53.98	74.00	20.02	Pass	H	PK
6	15550.3367	41.00	10.23	-43.03	45.70	53.90	74.00	20.10	Pass	H	PK
7	1351.4851	28.25	2.94	-42.73	53.20	41.66	74.00	32.34	Pass	V	PK
8	2912.5000	33.06	4.50	-42.17	48.41	43.80	74.00	30.20	Pass	V	PK
9	8363.1242	36.55	6.61	-40.68	46.40	48.88	74.00	25.12	Pass	V	PK
10	11650.0000	39.02	7.54	-41.33	43.84	49.07	74.00	24.93	Pass	V	PK
11	13704.0803	39.52	8.43	-41.20	46.86	53.61	74.00	20.39	Pass	V	PK
12	15098.7399	40.50	10.11	-42.45	45.46	53.62	74.00	20.38	Pass	V	PK

Mode:		802.11 n (HT40Mbps) 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	1500.0000	28.40	3.10	-42.67	57.82	46.65	74.00	27.35	Pass	H	PK
2	2877.5000	33.00	4.48	-42.18	48.47	43.77	74.00	30.23	Pass	H	PK
3	6316.8317	35.86	7.35	-41.15	46.21	48.27	74.00	25.73	Pass	H	PK
4	8378.4586	36.55	6.65	-40.67	46.38	48.91	74.00	25.09	Pass	H	PK
5	11510.0000	38.91	7.91	-41.38	43.14	48.58	74.00	25.42	Pass	H	PK
6	13244.8163	39.50	8.05	-41.45	45.76	51.86	74.00	22.14	Pass	H	PK
7	2877.5000	33.00	4.48	-42.18	49.15	44.45	74.00	29.55	Pass	V	PK
8	6086.3586	35.82	7.16	-41.11	45.88	47.75	74.00	26.25	Pass	V	PK
9	7627.0751	36.55	6.48	-40.83	45.65	47.85	74.00	26.15	Pass	V	PK
10	11510.0000	38.91	7.91	-41.38	43.28	48.72	74.00	25.28	Pass	V	PK
11	13871.9915	39.62	8.87	-41.24	46.50	53.75	74.00	20.25	Pass	V	PK
12	17265.0000	42.47	11.27	-43.51	42.47	52.70	74.00	21.30	Pass	V	PK

Mode:		802.11 n (HT40Mbps) 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	2897.5000	33.04	4.47	-42.18	47.15	42.48	74.00	31.52	Pass	H	PK
2	8008.9006	36.40	6.55	-40.99	45.77	47.73	74.00	26.27	Pass	H	PK
3	11590.0000	38.97	7.73	-41.35	43.52	48.87	74.00	25.13	Pass	H	PK
4	13885.0257	39.63	8.97	-41.26	45.34	52.68	74.00	21.32	Pass	H	PK
5	15897.6598	41.70	11.68	-43.30	43.83	53.91	74.00	20.09	Pass	H	PK
6	17385.0000	42.59	10.96	-43.62	43.32	53.25	74.00	20.75	Pass	H	PK
7	2897.5000	33.04	4.47	-42.18	47.51	42.84	74.00	31.16	Pass	V	PK
8	8192.1461	36.48	6.54	-40.84	46.18	48.36	74.00	25.64	Pass	V	PK
9	11590.0000	38.97	7.73	-41.35	43.33	48.68	74.00	25.32	Pass	V	PK
10	13803.7536	39.58	8.77	-41.23	46.09	53.21	74.00	20.79	Pass	V	PK
11	15298.0865	40.70	9.94	-42.73	45.48	53.39	74.00	20.61	Pass	V	PK
12	17385.0000	42.59	10.96	-43.62	43.19	53.12	74.00	20.88	Pass	V	PK

Mode:		802.11 ac (VHT20Mbps) 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	2872.5000	33.00	4.48	-42.19	47.55	42.84	74.00	31.16	Pass	H	PK
2	8099.3733	36.44	6.56	-40.91	46.22	48.31	74.00	25.69	Pass	H	PK
3	11490.0000	38.89	7.94	-41.37	44.22	49.68	74.00	24.32	Pass	H	PK
4	13610.5407	39.47	8.59	-41.19	46.60	53.47	74.00	20.53	Pass	H	PK
5	15309.5873	40.71	10.02	-42.74	45.92	53.91	74.00	20.09	Pass	H	PK
6	17235.0000	42.44	11.22	-43.47	42.71	52.90	74.00	21.10	Pass	H	PK
7	1397.1397	28.30	2.95	-42.69	56.67	45.23	74.00	28.77	Pass	V	PK
8	2872.5000	33.00	4.48	-42.19	48.25	43.54	74.00	30.46	Pass	V	PK
9	8385.3590	36.55	6.66	-40.65	45.97	48.53	74.00	25.47	Pass	V	PK
10	11490.0000	38.89	7.94	-41.37	46.89	52.35	74.00	21.65	Pass	V	PK
11	14194.0129	39.89	9.04	-41.66	46.33	53.60	74.00	20.40	Pass	V	PK
12	17235.0000	42.44	11.22	-43.47	43.48	53.67	74.00	20.33	Pass	V	PK

Mode:		802.11 ac (VHT20Mbps) 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	1499.4499	28.40	3.10	-42.67	53.80	42.63	74.00	31.37	Pass	H	PK
2	2892.5000	33.03	4.47	-42.18	48.09	43.41	74.00	30.59	Pass	H	PK
3	6496.1496	35.90	7.53	-41.19	45.29	47.53	74.00	26.47	Pass	H	PK
4	8194.4463	36.48	6.54	-40.83	46.25	48.44	74.00	25.56	Pass	H	PK
5	11570.0000	38.96	7.70	-41.36	44.05	49.35	74.00	24.65	Pass	H	PK
6	14004.6336	39.70	8.78	-41.29	45.37	52.56	74.00	21.44	Pass	H	PK
7	2892.5000	33.03	4.47	-42.18	47.82	43.14	74.00	30.86	Pass	V	PK
8	8102.4402	36.44	6.55	-40.91	46.62	48.70	74.00	25.30	Pass	V	PK
9	11570.0000	38.96	7.70	-41.36	44.35	49.65	74.00	24.35	Pass	V	PK
10	14181.7455	39.88	9.06	-41.63	46.20	53.51	74.00	20.49	Pass	V	PK
11	15871.5914	41.64	10.98	-43.27	44.55	53.90	74.00	20.10	Pass	V	PK
12	17355.0000	42.56	11.03	-43.59	41.97	51.97	74.00	22.03	Pass	V	PK

Mode:		802.11 ac (VHT20Mbps) 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	1500.0000	28.40	3.10	-42.67	57.62	46.45	74.00	27.55	Pass	H	PK
2	2912.5000	33.06	4.50	-42.17	47.79	43.18	74.00	30.82	Pass	H	PK
3	10060.6374	37.88	7.47	-40.49	44.46	49.32	74.00	24.68	Pass	H	PK
4	11650.0000	39.02	7.54	-41.33	44.42	49.65	74.00	24.35	Pass	H	PK
5	14086.6724	39.79	8.69	-41.45	46.84	53.87	74.00	20.13	Pass	H	PK
6	15626.2417	41.15	10.34	-43.09	45.60	54.00	74.00	20.00	Pass	H	PK
7	1398.2398	28.30	2.95	-42.68	54.20	42.77	74.00	31.23	Pass	V	PK
8	2912.5000	33.06	4.50	-42.17	48.47	43.86	74.00	30.14	Pass	V	PK
9	6238.7239	35.85	7.22	-41.14	45.61	47.54	74.00	26.46	Pass	V	PK
10	8161.4774	36.46	6.44	-40.85	46.90	48.95	74.00	25.05	Pass	V	PK
11	11650.0000	39.02	7.54	-41.33	44.55	49.78	74.00	24.22	Pass	V	PK
12	14207.0471	39.91	9.06	-41.68	46.08	53.37	74.00	20.63	Pass	V	PK

Mode:		802.11 ac (VHT40Mbps) 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	1500.0000	28.40	3.10	-42.67	52.92	41.75	74.00	32.25	Pass	H	PK
2	2877.5000	33.00	4.48	-42.18	48.18	43.48	74.00	30.52	Pass	H	PK
3	4729.3729	34.50	5.93	-40.72	45.65	45.36	74.00	28.64	Pass	H	PK
4	11510.0000	38.91	7.91	-41.38	42.94	48.38	74.00	25.62	Pass	H	PK
5	14166.4111	39.87	9.09	-41.61	45.86	53.21	74.00	20.79	Pass	H	PK
6	17265.0000	42.47	11.27	-43.51	42.43	52.66	74.00	21.34	Pass	H	PK
7	2877.5000	33.00	4.48	-42.18	48.70	44.00	74.00	30.00	Pass	V	PK
8	6856.5238	36.04	6.33	-41.18	46.04	47.23	74.00	26.77	Pass	V	PK
9	11510.0000	38.91	7.91	-41.38	44.10	49.54	74.00	24.46	Pass	V	PK
10	13323.0215	39.47	8.54	-41.37	45.20	51.84	74.00	22.16	Pass	V	PK
11	15627.0085	41.15	10.35	-43.08	45.40	53.82	74.00	20.18	Pass	V	PK
12	17265.0000	42.47	11.27	-43.51	43.15	53.38	74.00	20.62	Pass	V	PK

Mode:		802.11 ac (VHT40Mbps) 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	1500.5501	28.40	3.10	-42.67	54.81	43.64	74.00	30.36	Pass	H	PK
2	2897.5000	33.04	4.47	-42.18	48.30	43.63	74.00	30.37	Pass	H	PK
3	8008.1339	36.40	6.55	-40.99	46.17	48.13	74.00	25.87	Pass	H	PK
4	11590.0000	38.97	7.73	-41.35	43.27	48.62	74.00	25.38	Pass	H	PK
5	13485.5657	39.41	8.62	-41.18	44.98	51.83	74.00	22.17	Pass	H	PK
6	15734.3490	41.37	10.45	-43.17	45.34	53.99	74.00	20.01	Pass	H	PK
7	1502.7503	28.42	3.10	-42.67	55.36	44.21	74.00	29.79	Pass	V	PK
8	2897.5000	33.04	4.47	-42.18	47.69	43.02	74.00	30.98	Pass	V	PK
9	11590.0000	38.97	7.73	-41.35	44.19	49.54	74.00	24.46	Pass	V	PK
10	13264.7510	39.49	8.21	-41.43	45.43	51.70	74.00	22.30	Pass	V	PK
11	14529.0686	40.21	9.16	-42.26	45.17	52.28	74.00	21.72	Pass	V	PK
12	17385.0000	42.59	10.96	-43.62	42.53	52.46	74.00	21.54	Pass	V	PK

Mode:		802.11 ac (VHT80Mbps) 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	1655.1155	29.42	3.35	-42.76	51.94	41.95	74.00	32.05	Pass	H	PK
2	2887.5000	33.02	4.47	-42.18	48.22	43.53	74.00	30.47	Pass	H	PK
3	8329.3886	36.53	6.54	-40.71	46.59	48.95	74.00	25.05	Pass	H	PK
4	11550.0000	38.94	7.67	-41.36	43.19	48.44	74.00	25.56	Pass	H	PK
5	14218.5479	39.92	9.12	-41.71	46.09	53.42	74.00	20.58	Pass	H	PK
6	17325.0000	42.53	11.24	-43.56	41.57	51.78	74.00	22.22	Pass	H	PK
7	1595.7096	29.03	3.23	-42.89	52.54	41.91	74.00	32.09	Pass	V	PK
8	2887.5000	33.02	4.47	-42.18	47.56	42.87	74.00	31.13	Pass	V	PK
9	4980.7481	34.50	5.98	-40.52	46.51	46.47	74.00	27.53	Pass	V	PK
10	9224.9150	37.66	6.64	-40.76	44.91	48.45	74.00	25.55	Pass	V	PK
11	11550.0000	38.94	7.67	-41.36	42.62	47.87	74.00	26.13	Pass	V	PK
12	14880.9921	40.35	9.28	-42.31	45.86	53.18	74.00	20.82	Pass	V	PK

Band 1 Above 18G

Mode:		802.11 a (HT20Mbps) 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	68.01	43.51	74.00	30.49	Pass	H	PK
2	25900.0000	40.43	0.00	-59.10	65.21	46.54	74.00	27.46	Pass	H	PK
3	31080.0000	41.34	0.00	-58.91	65.00	47.43	74.00	26.57	Pass	H	PK
4	32430.5215	42.05	0.00	-57.65	65.34	49.74	74.00	24.26	Pass	H	PK
5	35018.9509	43.04	0.00	-57.43	65.45	51.06	74.00	22.94	Pass	H	PK
6	36260.0000	43.14	0.00	-57.95	64.23	49.42	74.00	24.58	Pass	H	PK
7	20720.0000	38.72	0.00	-63.22	67.90	43.40	74.00	30.60	Pass	V	PK
8	25900.0000	40.43	0.00	-59.10	65.03	46.36	74.00	27.64	Pass	V	PK
9	31080.0000	41.34	0.00	-58.91	64.47	46.90	74.00	27.10	Pass	V	PK
10	32384.3192	42.05	0.00	-57.58	65.92	50.39	74.00	23.61	Pass	V	PK
11	36260.0000	43.14	0.00	-57.95	62.35	47.54	74.00	26.46	Pass	V	PK
12	38424.7212	43.76	0.00	-55.84	63.72	51.64	74.00	22.36	Pass	V	PK

Mode:		802.11 a (HT20Mbps) 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	20800.0000	38.69	0.00	-63.05	67.91	43.55	74.00	30.45	Pass	H	PK
2	26000.0000	40.40	0.00	-58.82	63.92	45.50	74.00	28.50	Pass	H	PK
3	30044.5022	40.87	0.00	-59.94	67.53	48.46	74.00	25.54	Pass	H	PK
4	31200.0000	41.43	0.00	-59.31	64.92	47.04	74.00	26.96	Pass	H	PK
5	33496.4748	42.15	0.00	-57.91	65.54	49.78	74.00	24.22	Pass	H	PK
6	36400.0000	43.12	0.00	-57.71	63.73	49.14	74.00	24.86	Pass	H	PK
7	20800.0000	38.69	0.00	-63.05	67.00	42.64	74.00	31.36	Pass	V	PK
8	26000.0000	40.40	0.00	-58.82	66.63	48.21	74.00	25.79	Pass	V	PK
9	31200.0000	41.43	0.00	-59.31	64.16	46.28	74.00	27.72	Pass	V	PK
10	32469.0235	42.05	0.00	-57.85	66.17	50.37	74.00	23.63	Pass	V	PK
11	34996.9498	43.04	0.00	-57.40	66.66	52.30	74.00	21.70	Pass	V	PK
12	36400.0000	43.12	0.00	-57.71	64.23	49.64	74.00	24.36	Pass	V	PK

Mode:		802.11 a (HT20Mbps) 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	20800.0000	38.69	0.00	-63.05	67.01	42.65	74.00	31.35	Pass	H	PK
2	26000.0000	40.40	0.00	-58.82	64.56	46.14	74.00	27.86	Pass	H	PK
3	28382.3191	39.87	0.00	-60.47	68.42	47.82	74.00	26.18	Pass	H	PK
4	31200.0000	41.43	0.00	-59.31	65.10	47.22	74.00	26.78	Pass	H	PK
5	32522.9261	42.06	0.00	-58.13	66.27	50.20	74.00	23.80	Pass	H	PK
6	36400.0000	43.12	0.00	-57.71	63.93	49.34	74.00	24.66	Pass	H	PK
7	20960.0000	38.63	0.00	-63.07	67.71	43.27	74.00	30.73	Pass	V	PK
8	26200.0000	40.40	0.00	-59.99	65.29	45.70	74.00	28.30	Pass	V	PK
9	29886.0943	40.79	0.00	-60.07	68.90	49.62	74.00	24.38	Pass	V	PK
10	31440.0000	41.61	0.00	-58.96	64.09	46.74	74.00	27.26	Pass	V	PK
11	33676.8838	42.18	0.00	-57.80	66.01	50.39	74.00	23.61	Pass	V	PK
12	36680.0000	43.10	0.00	-57.75	63.40	48.75	74.00	25.25	Pass	V	PK

Mode:		802.11 n (HT20Mbps) 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	67.54	43.04	74.00	30.96	Pass	H	PK
2	25900.0000	40.43	0.00	-59.10	65.73	47.06	74.00	26.94	Pass	H	PK
3	29025.8513	40.31	0.00	-60.48	68.06	47.89	74.00	26.11	Pass	H	PK
4	31080.0000	41.34	0.00	-58.91	62.80	45.23	74.00	28.77	Pass	H	PK
5	34443.6222	42.58	0.00	-58.26	65.96	50.28	74.00	23.72	Pass	H	PK
6	36663.5332	43.10	0.00	-57.64	66.39	51.85	74.00	22.15	Pass	H	PK
7	20720.0000	38.72	0.00	-63.22	68.31	43.81	74.00	30.19	Pass	V	PK
8	25900.0000	40.43	0.00	-59.10	65.31	46.64	74.00	27.36	Pass	V	PK
9	31080.0000	41.34	0.00	-58.91	63.52	45.95	74.00	28.05	Pass	V	PK
10	32824.3412	42.08	0.00	-58.51	66.88	50.45	74.00	23.55	Pass	V	PK
11	36260.0000	43.14	0.00	-57.95	62.64	47.83	74.00	26.17	Pass	V	PK
12	39053.9527	44.44	0.00	-55.37	64.58	53.65	74.00	20.35	Pass	V	PK

Mode:		802.11 n (HT20Mbps) 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	20800.0000	38.69	0.00	-63.05	68.26	43.90	74.00	30.10	Pass	H	PK
2	26000.0000	40.40	0.00	-58.82	63.33	44.91	74.00	29.09	Pass	H	PK
3	27867.4934	39.71	0.00	-59.96	67.47	47.22	74.00	26.78	Pass	H	PK
4	31200.0000	41.43	0.00	-59.31	63.27	45.39	74.00	28.61	Pass	H	PK
5	34365.5183	42.52	0.00	-58.40	65.77	49.89	74.00	24.11	Pass	H	PK
6	36495.2248	43.12	0.00	-57.50	65.86	51.48	74.00	22.52	Pass	H	PK
7	20800.0000	38.69	0.00	-63.05	67.53	43.17	74.00	30.83	Pass	V	PK
8	26000.0000	40.40	0.00	-58.82	64.33	45.91	74.00	28.09	Pass	V	PK
9	28292.1146	39.81	0.00	-60.36	68.05	47.50	74.00	26.50	Pass	V	PK
10	31200.0000	41.43	0.00	-59.31	64.06	46.18	74.00	27.82	Pass	V	PK
11	33506.3753	42.16	0.00	-57.89	65.78	50.05	74.00	23.95	Pass	V	PK
12	36497.4249	43.12	0.00	-57.50	66.40	52.02	74.00	21.98	Pass	V	PK

Mode:		802.11 n (HT20Mbps) 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	68.46	44.02	74.00	29.98	Pass	H	PK
2	26200.0000	40.40	0.00	-59.99	65.45	45.86	74.00	28.14	Pass	H	PK
3	31440.0000	41.61	0.00	-58.96	63.39	46.04	74.00	27.96	Pass	H	PK
4	33617.4809	42.17	0.00	-57.61	66.07	50.63	74.00	23.37	Pass	H	PK
5	34988.1494	43.03	0.00	-57.44	65.02	50.61	74.00	23.39	Pass	H	PK
6	36680.0000	43.10	0.00	-57.75	62.40	47.75	74.00	26.25	Pass	H	PK
7	20960.0000	38.63	0.00	-63.07	68.12	43.68	74.00	30.32	Pass	V	PK
8	26200.0000	40.40	0.00	-59.99	65.26	45.67	74.00	28.33	Pass	V	PK
9	31440.0000	41.61	0.00	-58.96	63.80	46.45	74.00	27.55	Pass	V	PK
10	34996.9498	43.04	0.00	-57.40	65.03	50.67	74.00	23.33	Pass	V	PK
11	36680.0000	43.10	0.00	-57.75	61.87	47.22	74.00	26.78	Pass	V	PK
12	39057.2529	44.44	0.00	-55.37	64.41	53.48	74.00	20.52	Pass	V	PK

Mode:		802.11 n (HT40Mbps) 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	20760.0000	38.70	0.00	-63.13	67.02	42.59	74.00	31.41	Pass	H	PK
2	25950.0000	40.42	0.00	-58.96	67.12	48.58	74.00	25.42	Pass	H	PK
3	31140.0000	41.38	0.00	-59.11	63.89	46.16	74.00	27.84	Pass	H	PK
4	32771.5386	42.07	0.00	-58.46	65.94	49.55	74.00	24.45	Pass	H	PK
5	36330.0000	43.13	0.00	-57.83	61.91	47.21	74.00	26.79	Pass	H	PK
6	38718.4359	44.12	0.00	-55.85	64.22	52.49	74.00	21.51	Pass	H	PK
7	20760.0000	38.70	0.00	-63.13	67.34	42.91	74.00	31.09	Pass	V	PK
8	25950.0000	40.42	0.00	-58.96	65.84	47.30	74.00	26.70	Pass	V	PK
9	31140.0000	41.38	0.00	-59.11	63.69	45.96	74.00	28.04	Pass	V	PK
10	32454.7227	42.05	0.00	-57.77	67.74	52.02	74.00	21.98	Pass	V	PK
11	36330.0000	43.13	0.00	-57.83	64.59	49.89	74.00	24.11	Pass	V	PK
12	39038.5519	44.45	0.00	-55.38	64.30	53.37	74.00	20.63	Pass	V	PK

Mode:		802.11 n (HT40Mbps) 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	20920.0000	38.65	0.00	-63.07	67.46	43.04	74.00	30.96	Pass	H	PK
2	26150.0000	40.40	0.00	-59.70	63.13	43.83	74.00	30.17	Pass	H	PK
3	31380.0000	41.56	0.00	-59.01	64.66	47.21	74.00	26.79	Pass	H	PK
4	33622.9811	42.17	0.00	-57.63	65.36	49.90	74.00	24.10	Pass	H	PK
5	34682.3341	42.78	0.00	-57.98	65.82	50.62	74.00	23.38	Pass	H	PK
6	36610.0000	43.11	0.00	-57.32	63.33	49.12	74.00	24.88	Pass	H	PK
7	20920.0000	38.65	0.00	-63.07	68.34	43.92	74.00	30.08	Pass	V	PK
8	26150.0000	40.40	0.00	-59.70	65.11	45.81	74.00	28.19	Pass	V	PK
9	31380.0000	41.56	0.00	-59.01	63.65	46.20	74.00	27.80	Pass	V	PK
10	35141.0571	43.06	0.00	-57.80	66.14	51.40	74.00	22.60	Pass	V	PK
11	36610.0000	43.11	0.00	-57.32	63.16	48.95	74.00	25.05	Pass	V	PK
12	38751.4376	44.16	0.00	-55.73	64.60	53.03	74.00	20.97	Pass	V	PK

Mode:		802.11 ac (VHT20Mbps) 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	67.53	43.03	74.00	30.97	Pass	H	PK
2	25900.0000	40.43	0.00	-59.10	65.36	46.69	74.00	27.31	Pass	H	PK
3	31080.0000	41.34	0.00	-58.91	64.62	47.05	74.00	26.95	Pass	H	PK
4	32422.8211	42.05	0.00	-57.61	66.40	50.84	74.00	23.16	Pass	H	PK
5	36260.0000	43.14	0.00	-57.95	61.74	46.93	74.00	27.07	Pass	H	PK
6	37568.8784	43.17	0.00	-56.98	65.03	51.22	74.00	22.78	Pass	H	PK
7	20720.0000	38.72	0.00	-63.22	67.79	43.29	74.00	30.71	Pass	V	PK
8	25900.0000	40.43	0.00	-59.10	65.59	46.92	74.00	27.08	Pass	V	PK
9	29563.7782	40.61	0.00	-60.02	67.92	48.51	74.00	25.49	Pass	V	PK
10	31080.0000	41.34	0.00	-58.91	63.33	45.76	74.00	28.24	Pass	V	PK
11	32764.9382	42.07	0.00	-58.46	66.00	49.61	74.00	24.39	Pass	V	PK
12	36260.0000	43.14	0.00	-57.95	63.31	48.50	74.00	25.50	Pass	V	PK

Mode:		802.11 ac (VHT20Mbps) 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	20800.0000	38.69	0.00	-63.05	67.88	43.52	74.00	30.48	Pass	H	PK
2	26000.0000	40.40	0.00	-58.82	64.42	46.00	74.00	28.00	Pass	H	PK
3	31200.0000	41.43	0.00	-59.31	64.08	46.20	74.00	27.80	Pass	H	PK
4	33885.8943	42.21	0.00	-58.12	65.32	49.41	74.00	24.59	Pass	H	PK
5	36400.0000	43.12	0.00	-57.71	63.58	48.99	74.00	25.01	Pass	H	PK
6	38989.0495	44.46	0.00	-55.43	63.90	52.93	74.00	21.07	Pass	H	PK
7	20800.0000	38.69	0.00	-63.05	69.09	44.73	74.00	29.27	Pass	V	PK
8	24372.6186	40.37	0.00	-60.34	67.34	47.37	74.00	26.63	Pass	V	PK
9	26000.0000	40.40	0.00	-58.82	64.85	46.43	74.00	27.57	Pass	V	PK
10	31200.0000	41.43	0.00	-59.31	64.45	46.57	74.00	27.43	Pass	V	PK
11	34088.3044	42.29	0.00	-58.13	65.45	49.61	74.00	24.39	Pass	V	PK
12	36400.0000	43.12	0.00	-57.71	62.32	47.73	74.00	26.27	Pass	V	PK

Mode:		802.11 ac (VHT20Mbps) 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	67.87	43.43	74.00	30.57	Pass	H	PK
2	26200.0000	40.40	0.00	-59.99	64.25	44.66	74.00	29.34	Pass	H	PK
3	31440.0000	41.61	0.00	-58.96	63.83	46.48	74.00	27.52	Pass	H	PK
4	34367.7184	42.52	0.00	-58.40	65.78	49.90	74.00	24.10	Pass	H	PK
5	36680.0000	43.10	0.00	-57.75	64.31	49.66	74.00	24.34	Pass	H	PK
6	39078.1539	44.43	0.00	-55.35	63.49	52.57	74.00	21.43	Pass	H	PK
7	20960.0000	38.63	0.00	-63.07	67.16	42.72	74.00	31.28	Pass	V	PK
8	26200.0000	40.40	0.00	-59.99	63.80	44.21	74.00	29.79	Pass	V	PK
9	31440.0000	41.61	0.00	-58.96	63.18	45.83	74.00	28.17	Pass	V	PK
10	35059.6530	43.05	0.00	-57.56	66.72	52.21	74.00	21.79	Pass	V	PK
11	36680.0000	43.10	0.00	-57.75	61.78	47.13	74.00	26.87	Pass	V	PK
12	39027.5514	44.46	0.00	-55.40	64.30	53.36	74.00	20.64	Pass	V	PK

Mode:		802.11 ac (VHT40Mbps) 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	20760.0000	38.70	0.00	-63.13	68.05	43.62	74.00	30.38	Pass	H	PK
2	25950.0000	40.42	0.00	-58.96	64.36	45.82	74.00	28.18	Pass	H	PK
3	31140.0000	41.38	0.00	-59.11	63.09	45.36	74.00	28.64	Pass	H	PK
4	33331.4666	42.13	0.00	-58.23	65.49	49.39	74.00	24.61	Pass	H	PK
5	36330.0000	43.13	0.00	-57.83	64.20	49.50	74.00	24.50	Pass	H	PK
6	38436.8218	43.78	0.00	-55.88	63.88	51.78	74.00	22.22	Pass	H	PK
7	20760.0000	38.70	0.00	-63.13	67.65	43.22	74.00	30.78	Pass	V	PK
8	25950.0000	40.42	0.00	-58.96	65.17	46.63	74.00	27.37	Pass	V	PK
9	31140.0000	41.38	0.00	-59.11	63.43	45.70	74.00	28.30	Pass	V	PK
10	33448.0724	42.15	0.00	-58.09	66.29	50.35	74.00	23.65	Pass	V	PK
11	36531.5266	43.11	0.00	-57.41	66.34	52.04	74.00	21.96	Pass	V	PK
12	38995.6498	44.46	0.00	-55.42	63.56	52.60	74.00	21.40	Pass	V	PK

Mode:		802.11 ac (VHT40Mbps) 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	20920.0000	38.65	0.00	-63.07	67.91	43.49	74.00	30.51	Pass	H	PK
2	26150.0000	40.40	0.00	-59.70	64.47	45.17	74.00	28.83	Pass	H	PK
3	31380.0000	41.56	0.00	-59.01	64.07	46.62	74.00	27.38	Pass	H	PK
4	34995.8498	43.04	0.00	-57.40	65.33	50.97	74.00	23.03	Pass	H	PK
5	36610.0000	43.11	0.00	-57.32	63.02	48.81	74.00	25.19	Pass	H	PK
6	39022.0511	44.46	0.00	-55.40	63.42	52.48	74.00	21.52	Pass	H	PK
7	20920.0000	38.65	0.00	-63.07	68.56	44.14	74.00	29.86	Pass	V	PK
8	26150.0000	40.40	0.00	-59.70	64.25	44.95	74.00	29.05	Pass	V	PK
9	31380.0000	41.56	0.00	-59.01	64.03	46.58	74.00	27.42	Pass	V	PK
10	33155.4578	42.11	0.00	-58.37	66.45	50.19	74.00	23.81	Pass	V	PK
11	36610.0000	43.11	0.00	-57.32	63.55	49.34	74.00	24.66	Pass	V	PK
12	39025.3513	44.46	0.00	-55.40	64.40	53.46	74.00	20.54	Pass	V	PK

Mode:		802.11 ac (VHT80Mbps) 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	20920.0000	38.65	0.00	-63.07	67.20	42.78	74.00	31.22	Pass	H	PK
2	26150.0000	40.40	0.00	-59.70	65.12	45.82	74.00	28.18	Pass	H	PK
3	29153.4577	40.38	0.00	-60.62	67.51	47.27	74.00	26.73	Pass	H	PK
4	31380.0000	41.56	0.00	-59.01	62.99	45.54	74.00	28.46	Pass	H	PK
5	33046.5523	42.10	0.00	-58.75	66.19	49.54	74.00	24.46	Pass	H	PK
6	36610.0000	43.11	0.00	-57.32	62.87	48.66	74.00	25.34	Pass	H	PK
7	20920.0000	38.65	0.00	-63.07	67.89	43.47	74.00	30.53	Pass	V	PK
8	26150.0000	40.40	0.00	-59.70	66.35	47.05	74.00	26.95	Pass	V	PK
9	28054.5027	39.65	0.00	-60.09	67.92	47.48	74.00	26.52	Pass	V	PK
10	31380.0000	41.56	0.00	-59.01	63.99	46.54	74.00	27.46	Pass	V	PK
11	33586.6793	42.17	0.00	-57.61	66.05	50.61	74.00	23.39	Pass	V	PK
12	36610.0000	43.11	0.00	-57.32	64.66	50.45	74.00	23.55	Pass	V	PK

Band 4 Above 18G

Mode:		802.11 a (HT20Mbps) 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	22980.0000	38.83	0.00	-62.51	67.06	43.38	74.00	30.62	Pass	H	PK
2	28725.0000	40.11	0.00	-60.73	65.42	44.80	74.00	29.20	Pass	H	PK
3	30879.4440	41.23	0.00	-58.83	66.94	49.34	74.00	24.66	Pass	H	PK
4	34470.0000	42.61	0.00	-58.17	64.26	48.70	74.00	25.30	Pass	H	PK
5	36285.1143	43.13	0.00	-57.90	66.47	51.70	74.00	22.30	Pass	H	PK
6	38723.9362	44.13	0.00	-55.83	64.10	52.40	74.00	21.60	Pass	H	PK
7	22980.0000	38.83	0.00	-62.51	66.96	43.28	74.00	30.72	Pass	V	PK
8	28725.0000	40.11	0.00	-60.73	65.46	44.84	74.00	29.16	Pass	V	PK
9	30996.0498	41.28	0.00	-58.65	67.42	50.05	74.00	23.95	Pass	V	PK
10	34470.0000	42.61	0.00	-58.17	63.12	47.56	74.00	26.44	Pass	V	PK
11	37637.0819	43.18	0.00	-56.95	65.01	51.24	74.00	22.76	Pass	V	PK
12	39072.6536	44.44	0.00	-55.36	63.93	53.01	74.00	20.99	Pass	V	PK

Mode:		802.11 a (HT20Mbps) 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	23140.0000	39.03	0.00	-62.52	66.10	42.61	74.00	31.39	Pass	H	PK
2	28925.0000	40.25	0.00	-60.50	66.22	45.97	74.00	28.03	Pass	H	PK
3	31929.9965	41.97	0.00	-58.93	66.47	49.51	74.00	24.49	Pass	H	PK
4	34710.0000	42.80	0.00	-58.08	62.28	47.00	74.00	27.00	Pass	H	PK
5	36537.0269	43.11	0.00	-57.40	65.76	51.47	74.00	22.53	Pass	H	PK
6	39064.9532	44.44	0.00	-55.36	64.09	53.17	74.00	20.83	Pass	H	PK
7	23140.0000	39.03	0.00	-62.52	66.40	42.91	74.00	31.09	Pass	V	PK
8	28925.0000	40.25	0.00	-60.50	65.21	44.96	74.00	29.04	Pass	V	PK
9	31568.0784	41.70	0.00	-58.89	66.71	49.52	74.00	24.48	Pass	V	PK
10	34710.0000	42.80	0.00	-58.08	63.06	47.78	74.00	26.22	Pass	V	PK
11	36488.6244	43.12	0.00	-57.52	66.02	51.62	74.00	22.38	Pass	V	PK
12	38963.7482	44.43	0.00	-55.45	63.81	52.79	74.00	21.21	Pass	V	PK

Mode:		802.11 a (HT20Mbps) 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	23300.0000	39.24	0.00	-62.24	66.54	43.54	74.00	30.46	Pass	H	PK
2	29125.0000	40.37	0.00	-60.60	64.66	44.43	74.00	29.57	Pass	H	PK
3	30919.0460	41.25	0.00	-58.77	67.38	49.86	74.00	24.14	Pass	H	PK
4	34950.0000	43.00	0.00	-57.64	62.94	48.30	74.00	25.70	Pass	H	PK
5	36578.8289	43.11	0.00	-57.30	65.73	51.54	74.00	22.46	Pass	H	PK
6	39063.8532	44.44	0.00	-55.36	63.75	52.83	74.00	21.17	Pass	H	PK
7	23300.0000	39.24	0.00	-62.24	66.33	43.33	74.00	30.67	Pass	V	PK
8	29125.0000	40.37	0.00	-60.60	65.75	45.52	74.00	28.48	Pass	V	PK
9	31959.6980	41.99	0.00	-58.89	66.72	49.82	74.00	24.18	Pass	V	PK
10	34950.0000	43.00	0.00	-57.64	63.19	48.55	74.00	25.45	Pass	V	PK
11	36549.1275	43.11	0.00	-57.37	66.27	52.01	74.00	21.99	Pass	V	PK
12	38787.7394	44.21	0.00	-55.60	64.75	53.36	74.00	20.64	Pass	V	PK

Mode:		802.11 n (HT20Mbps) 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	22980.0000	38.83	0.00	-62.51	65.73	42.05	74.00	31.95	Pass	H	PK
2	28725.0000	40.11	0.00	-60.73	64.62	44.00	74.00	30.00	Pass	H	PK
3	31377.7689	41.56	0.00	-59.02	66.56	49.10	74.00	24.90	Pass	H	PK
4	34470.0000	42.61	0.00	-58.17	62.86	47.30	74.00	26.70	Pass	H	PK
5	36484.2242	43.12	0.00	-57.53	65.87	51.46	74.00	22.54	Pass	H	PK
6	39044.0522	44.45	0.00	-55.38	63.27	52.34	74.00	21.66	Pass	H	PK
7	22980.0000	38.83	0.00	-62.51	67.18	43.50	74.00	30.50	Pass	V	PK
8	28725.0000	40.11	0.00	-60.73	65.02	44.40	74.00	29.60	Pass	V	PK
9	32403.0202	42.05	0.00	-57.51	65.86	50.40	74.00	23.60	Pass	V	PK
10	34470.0000	42.61	0.00	-58.17	63.59	48.03	74.00	25.97	Pass	V	PK
11	36609.6305	43.11	0.00	-57.31	65.91	51.71	74.00	22.29	Pass	V	PK
12	39012.1506	44.46	0.00	-55.40	63.98	53.04	74.00	20.96	Pass	V	PK

Mode:		802.11 n (HT20Mbps) 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	23140.0000	39.03	0.00	-62.52	65.85	42.36	74.00	31.64	Pass	H	PK
2	28925.0000	40.25	0.00	-60.50	64.22	43.97	74.00	30.03	Pass	H	PK
3	32155.5078	42.03	0.00	-58.69	65.98	49.32	74.00	24.68	Pass	H	PK
4	34710.0000	42.80	0.00	-58.08	62.26	46.98	74.00	27.02	Pass	H	PK
5	36265.3133	43.14	0.00	-57.94	66.35	51.55	74.00	22.45	Pass	H	PK
6	38991.2496	44.46	0.00	-55.43	63.54	52.57	74.00	21.43	Pass	H	PK
7	23140.0000	39.03	0.00	-62.52	65.91	42.42	74.00	31.58	Pass	V	PK
8	28925.0000	40.25	0.00	-60.50	64.47	44.22	74.00	29.78	Pass	V	PK
9	32461.3231	42.05	0.00	-57.81	65.97	50.21	74.00	23.79	Pass	V	PK
10	34710.0000	42.80	0.00	-58.08	62.48	47.20	74.00	26.80	Pass	V	PK
11	36516.1258	43.11	0.00	-57.44	65.44	51.11	74.00	22.89	Pass	V	PK
12	38797.6399	44.22	0.00	-55.56	63.78	52.44	74.00	21.56	Pass	V	PK

Mode:		802.11 n (HT20Mbps) 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	21343.0672	38.51	0.00	-63.31	69.98	45.18	74.00	28.82	Pass	H	PK
2	23300.0000	39.24	0.00	-62.24	65.69	42.69	74.00	31.31	Pass	H	PK
3	29125.0000	40.37	0.00	-60.60	66.39	46.16	74.00	27.84	Pass	H	PK
4	31040.0520	41.31	0.00	-58.77	66.50	49.04	74.00	24.96	Pass	H	PK
5	34950.0000	43.00	0.00	-57.64	62.32	47.68	74.00	26.32	Pass	H	PK
6	36606.3303	43.11	0.00	-57.29	65.99	51.81	74.00	22.19	Pass	H	PK
7	23300.0000	39.24	0.00	-62.24	68.36	45.36	74.00	28.64	Pass	V	PK
8	26262.5131	40.39	0.00	-59.94	68.24	48.69	74.00	25.31	Pass	V	PK
9	29125.0000	40.37	0.00	-60.60	64.56	44.33	74.00	29.67	Pass	V	PK
10	32758.3379	42.07	0.00	-58.46	67.62	51.23	74.00	22.77	Pass	V	PK
11	34950.0000	43.00	0.00	-57.64	63.15	48.51	74.00	25.49	Pass	V	PK
12	36400.6200	43.12	0.00	-57.71	66.15	51.56	74.00	22.44	Pass	V	PK

Mode:		802.11 n (HT40Mbps) 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	23020.0000	38.87	0.00	-62.46	66.97	43.38	74.00	30.62	Pass	H	PK
2	28775.0000	40.14	0.00	-60.63	64.42	43.93	74.00	30.07	Pass	H	PK
3	30927.8464	41.25	0.00	-58.75	67.27	49.77	74.00	24.23	Pass	H	PK
4	34530.0000	42.66	0.00	-57.94	62.84	47.56	74.00	26.44	Pass	H	PK
5	36929.7465	43.08	0.00	-58.11	65.63	50.60	74.00	23.40	Pass	H	PK
6	38670.0335	44.06	0.00	-56.03	64.95	52.98	74.00	21.02	Pass	H	PK
7	23020.0000	38.87	0.00	-62.46	66.97	43.38	74.00	30.62	Pass	V	PK
8	28775.0000	40.14	0.00	-60.63	65.80	45.31	74.00	28.69	Pass	V	PK
9	32124.7062	42.03	0.00	-58.72	67.78	51.09	74.00	22.91	Pass	V	PK
10	34583.3292	42.70	0.00	-57.74	64.24	49.20	74.00	24.80	Pass	V	PK
11	36152.0076	43.15	0.00	-58.12	65.79	50.82	74.00	23.18	Pass	V	PK
12	38678.8339	44.07	0.00	-55.99	64.13	52.21	74.00	21.79	Pass	V	PK

Mode:		802.11 n (HT40Mbps) 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	23180.0000	39.08	0.00	-62.54	66.64	43.18	74.00	30.82	Pass	H	PK
2	28975.0000	40.28	0.00	-60.46	64.34	44.16	74.00	29.84	Pass	H	PK
3	31001.5501	41.28	0.00	-58.64	67.66	50.30	74.00	23.70	Pass	H	PK
4	34770.0000	42.85	0.00	-58.31	62.73	47.27	74.00	26.73	Pass	H	PK
5	36340.1170	43.13	0.00	-57.82	65.81	51.12	74.00	22.88	Pass	H	PK
6	38987.9494	44.46	0.00	-55.43	64.11	53.14	74.00	20.86	Pass	H	PK
7	23180.0000	39.08	0.00	-62.54	66.45	42.99	74.00	31.01	Pass	V	PK
8	28975.0000	40.28	0.00	-60.46	65.16	44.98	74.00	29.02	Pass	V	PK
9	32376.6188	42.05	0.00	-57.63	65.01	49.43	74.00	24.57	Pass	V	PK
10	34770.0000	42.85	0.00	-58.31	62.03	46.57	74.00	27.43	Pass	V	PK
11	36511.7256	43.11	0.00	-57.45	66.62	52.28	74.00	21.72	Pass	V	PK
12	38968.1484	44.43	0.00	-55.44	64.07	53.06	74.00	20.94	Pass	V	PK

Mode:		802.11 ac (VHT20Mbps) 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	22980.0000	38.83	0.00	-62.51	66.22	42.54	74.00	31.46	Pass	H	PK
2	28725.0000	40.11	0.00	-60.73	65.15	44.53	74.00	29.47	Pass	H	PK
3	30931.1466	41.25	0.00	-58.75	67.09	49.59	74.00	24.41	Pass	H	PK
4	34470.0000	42.61	0.00	-58.17	63.15	47.59	74.00	26.41	Pass	H	PK
5	36563.4282	43.11	0.00	-57.34	65.49	51.26	74.00	22.74	Pass	H	PK
6	39200.2600	44.38	0.00	-55.25	63.26	52.39	74.00	21.61	Pass	H	PK
7	22980.0000	38.83	0.00	-62.51	67.37	43.69	74.00	30.31	Pass	V	PK
8	28725.0000	40.11	0.00	-60.73	64.99	44.37	74.00	29.63	Pass	V	PK
9	31753.9877	41.84	0.00	-59.06	66.94	49.72	74.00	24.28	Pass	V	PK
10	34470.0000	42.61	0.00	-58.17	62.90	47.34	74.00	26.66	Pass	V	PK
11	36577.7289	43.11	0.00	-57.30	66.30	52.11	74.00	21.89	Pass	V	PK
12	38962.6481	44.42	0.00	-55.44	64.04	53.02	74.00	20.98	Pass	V	PK

Mode:		802.11 ac (VHT20Mbps) 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	23140.0000	39.03	0.00	-62.52	65.35	41.86	74.00	32.14	Pass	H	PK
2	25981.9991	40.41	0.00	-58.87	67.22	48.76	74.00	25.24	Pass	H	PK
3	28925.0000	40.25	0.00	-60.50	65.56	45.31	74.00	28.69	Pass	H	PK
4	32815.5408	42.08	0.00	-58.49	67.78	51.37	74.00	22.63	Pass	H	PK
5	34710.0000	42.80	0.00	-58.08	63.16	47.88	74.00	26.12	Pass	H	PK
6	36570.0285	43.11	0.00	-57.32	65.74	51.53	74.00	22.47	Pass	H	PK
7	23140.0000	39.03	0.00	-62.52	66.07	42.58	74.00	31.42	Pass	V	PK
8	25735.5868	40.48	0.00	-59.33	67.81	48.96	74.00	25.04	Pass	V	PK
9	28925.0000	40.25	0.00	-60.50	65.86	45.61	74.00	28.39	Pass	V	PK
10	32850.7425	42.08	0.00	-58.57	66.69	50.20	74.00	23.80	Pass	V	PK
11	34710.0000	42.80	0.00	-58.08	63.02	47.74	74.00	26.26	Pass	V	PK
12	38282.8141	43.59	0.00	-56.11	63.96	51.44	74.00	22.56	Pass	V	PK

Mode:		802.11 ac (VHT20Mbps) 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	23300.0000	39.24	0.00	-62.24	66.49	43.49	74.00	30.51	Pass	H	PK
2	29125.0000	40.37	0.00	-60.60	65.15	44.92	74.00	29.08	Pass	H	PK
3	32748.4374	42.07	0.00	-58.47	67.21	50.81	74.00	23.19	Pass	H	PK
4	34950.0000	43.00	0.00	-57.64	62.70	48.06	74.00	25.94	Pass	H	PK
5	36597.5299	43.11	0.00	-57.26	65.09	50.94	74.00	23.06	Pass	H	PK
6	38793.2397	44.22	0.00	-55.58	64.13	52.77	74.00	21.23	Pass	H	PK
7	23300.0000	39.24	0.00	-62.24	66.14	43.14	74.00	30.86	Pass	V	PK
8	29125.0000	40.37	0.00	-60.60	65.02	44.79	74.00	29.21	Pass	V	PK
9	32459.1230	42.05	0.00	-57.80	65.86	50.11	74.00	23.89	Pass	V	PK
10	34950.0000	43.00	0.00	-57.64	61.79	47.15	74.00	26.85	Pass	V	PK
11	36561.2281	43.11	0.00	-57.34	65.55	51.32	74.00	22.68	Pass	V	PK
12	39030.8515	44.46	0.00	-55.40	64.19	53.25	74.00	20.75	Pass	V	PK

Mode:		802.11 ac (VHT40Mbps) 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	23020.0000	38.87	0.00	-62.46	66.16	42.57	74.00	31.43	Pass	H	PK
2	28775.0000	40.14	0.00	-60.63	64.74	44.25	74.00	29.75	Pass	H	PK
3	32318.3159	42.04	0.00	-57.96	65.45	49.53	74.00	24.47	Pass	H	PK
4	34530.0000	42.66	0.00	-57.94	62.86	47.58	74.00	26.42	Pass	H	PK
5	36611.8306	43.10	0.00	-57.32	65.24	51.02	74.00	22.98	Pass	H	PK
6	39002.2501	44.47	0.00	-55.42	64.73	53.78	74.00	20.22	Pass	H	PK
7	23020.0000	38.87	0.00	-62.46	66.05	42.46	74.00	31.54	Pass	V	PK
8	28775.0000	40.14	0.00	-60.63	65.75	45.26	74.00	28.74	Pass	V	PK
9	32154.4077	42.03	0.00	-58.69	67.00	50.34	74.00	23.66	Pass	V	PK
10	34530.0000	42.66	0.00	-57.94	61.58	46.30	74.00	27.70	Pass	V	PK
11	36441.3221	43.12	0.00	-57.62	66.13	51.63	74.00	22.37	Pass	V	PK
12	38995.6498	44.46	0.00	-55.42	64.11	53.15	74.00	20.85	Pass	V	PK

Mode:		802.11 ac (VHT40Mbps) 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	23180.0000	39.08	0.00	-62.54	66.40	42.94	74.00	31.06	Pass	H	PK
2	28975.0000	40.28	0.00	-60.46	65.57	45.39	74.00	28.61	Pass	H	PK
3	31674.7837	41.78	0.00	-58.96	65.85	48.67	74.00	25.33	Pass	H	PK
4	34770.0000	42.85	0.00	-58.31	62.15	46.69	74.00	27.31	Pass	H	PK
5	36490.8245	43.12	0.00	-57.51	65.70	51.31	74.00	22.69	Pass	H	PK
6	39030.8515	44.46	0.00	-55.40	64.42	53.48	74.00	20.52	Pass	H	PK
7	23180.0000	39.08	0.00	-62.54	66.98	43.52	74.00	30.48	Pass	V	PK
8	28975.0000	40.28	0.00	-60.46	64.70	44.52	74.00	29.48	Pass	V	PK
9	32442.6221	42.05	0.00	-57.71	65.64	49.98	74.00	24.02	Pass	V	PK
10	34770.0000	42.85	0.00	-58.31	61.61	46.15	74.00	27.85	Pass	V	PK
11	36633.8317	43.10	0.00	-57.46	65.55	51.19	74.00	22.81	Pass	V	PK
12	39093.5547	44.43	0.00	-55.34	64.07	53.16	74.00	20.84	Pass	V	PK

Mode:		802.11 ac (VHT80Mbps) 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	23180.0000	39.08	0.00	-62.54	68.80	45.34	74.00	28.66	Pass	H	PK
2	28975.0000	40.28	0.00	-60.46	64.70	44.52	74.00	29.48	Pass	H	PK
3	32310.6155	42.04	0.00	-58.01	65.30	49.33	74.00	24.67	Pass	H	PK
4	34770.0000	42.85	0.00	-58.31	61.60	46.14	74.00	27.86	Pass	H	PK
5	36960.5480	43.07	0.00	-58.01	66.33	51.39	74.00	22.61	Pass	H	PK
6	39089.1545	44.43	0.00	-55.34	63.89	52.98	74.00	21.02	Pass	H	PK
7	23180.0000	39.08	0.00	-62.54	66.68	43.22	74.00	30.78	Pass	V	PK
8	28975.0000	40.28	0.00	-60.46	64.65	44.47	74.00	29.53	Pass	V	PK
9	32480.0240	42.05	0.00	-57.90	66.17	50.32	74.00	23.68	Pass	V	PK
10	34770.0000	42.85	0.00	-58.31	62.06	46.60	74.00	27.40	Pass	V	PK
11	36599.7300	43.11	0.00	-57.25	65.80	51.66	74.00	22.34	Pass	V	PK
12	39050.6525	44.45	0.00	-55.38	64.62	53.69	74.00	20.31	Pass	V	PK

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) Scan from 9kHz to 25GHz, the disturbance above 13GHz and 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 K) 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 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 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	
	Note: (i) $EIRP = ((E \cdot d)^2) / 30$ where: • E is the field strength in V/m; • d is the measurement distance in meters; • EIRP is the equivalent isotropically radiated power in watts. (ii) Working in dB units, the above equation is equivalent to: $EIRP[dBm] = E[dB\mu V/m] + 20 \log(d[meters]) - 104.77$ (iii) Or, if d is 3 meters: $EIRP[dBm] = E[dB\mu V/m] - 95.2$				
Test result:	PASS				

Above 1G - 68.2

Mode:		802.11 a (HT20Mbps) 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	3166.6667	33.27	5.56	-42.02	49.87	46.68	68.20	21.52	Pass	H	PK
2	5173.2673	34.67	7.54	-40.55	58.98	60.64	68.20	7.56	Pass	H	PK
3	6311.8812	35.86	8.51	-41.15	45.83	49.05	68.20	19.15	Pass	H	PK
4	9539.2693	37.62	6.86	-40.83	45.99	49.64	68.20	18.56	Pass	H	PK
5	10368.8579	38.32	7.34	-40.98	54.04	58.72	68.20	9.48	Pass	H	PK
6	17582.1388	42.63	12.34	-43.64	46.86	58.19	68.20	10.01	Pass	H	PK
7	2490.6491	32.39	4.73	-42.40	53.97	48.69	68.20	19.51	Pass	V	PK
8	3554.4554	33.44	5.78	-41.70	49.75	47.27	68.20	20.93	Pass	V	PK
9	5551.7052	35.08	8.05	-40.69	46.44	48.88	68.20	19.32	Pass	V	PK
10	7483.6989	36.58	6.52	-40.78	48.23	50.55	68.20	17.65	Pass	V	PK
11	10353.5236	38.29	7.24	-40.94	54.59	59.18	68.20	9.02	Pass	V	PK
12	17584.4390	42.63	12.32	-43.63	46.41	57.73	68.20	10.47	Pass	V	PK

Mode:		802.11 a (HT20Mbps) 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	1992.2992	31.65	4.13	-42.62	50.97	44.13	68.20	24.07	Pass	H	PK
2	3210.6711	33.28	5.70	-41.99	49.88	46.87	68.20	21.33	Pass	H	PK
3	5193.6194	34.69	7.46	-40.55	57.59	59.19	68.20	9.01	Pass	H	PK
4	7492.8995	36.59	6.52	-40.77	47.12	49.46	68.20	18.74	Pass	H	PK
5	10396.4598	38.36	7.52	-41.03	52.94	57.79	68.20	10.41	Pass	H	PK
6	17546.1031	42.66	12.51	-43.68	46.50	57.99	68.20	10.21	Pass	H	PK
7	1995.5996	31.67	4.13	-42.61	55.58	48.77	68.20	19.43	Pass	V	PK
8	2796.4796	32.87	5.02	-42.22	54.20	49.87	68.20	18.33	Pass	V	PK
9	5204.6205	34.70	7.44	-40.55	49.07	50.66	68.20	17.54	Pass	V	PK
10	8287.2191	36.51	6.47	-40.74	46.49	48.73	68.20	19.47	Pass	V	PK
11	10397.9932	38.36	7.53	-41.03	55.36	60.22	68.20	7.98	Pass	V	PK
12	17583.6722	42.63	12.33	-43.64	46.79	58.11	68.20	10.09	Pass	V	PK

Mode:		802.11 a (HT20Mbps) 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	2212.8713	32.00	4.41	-42.52	50.50	44.39	68.20	23.81	Pass	H	PK
2	3577.5578	33.46	5.85	-41.65	50.30	47.96	68.20	20.24	Pass	H	PK
3	5232.6733	34.73	7.45	-40.57	58.69	60.30	68.20	7.90	Pass	H	PK
4	6299.7800	35.86	8.46	-41.15	45.92	49.09	68.20	19.11	Pass	H	PK
5	10480.7987	38.47	7.45	-41.15	51.29	56.06	68.20	12.14	Pass	H	PK
6	17549.9367	42.66	12.53	-43.67	46.29	57.81	68.20	10.39	Pass	H	PK
7	1997.7998	31.69	4.13	-42.62	58.89	52.09	68.20	16.11	Pass	V	PK
8	2789.8790	32.86	5.01	-42.23	52.91	48.55	68.20	19.65	Pass	V	PK
9	5233.2233	34.73	7.45	-40.57	49.09	50.70	68.20	17.50	Pass	V	PK
10	6437.2937	35.89	8.47	-41.18	46.49	49.67	68.20	18.53	Pass	V	PK
11	10480.0320	38.47	7.45	-41.15	54.05	58.82	68.20	9.38	Pass	V	PK
12	17572.9382	42.64	12.39	-43.64	46.18	57.57	68.20	10.63	Pass	V	PK

Mode:		802.11 n (HT20Mbps) 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	2713.4213	32.74	4.90	-42.27	50.23	45.60	68.20	22.60	Pass	H	PK
2	3484.0484	33.39	5.74	-41.83	49.67	46.97	68.20	21.23	Pass	H	PK
3	5191.9692	34.69	7.47	-40.55	55.49	57.10	68.20	11.10	Pass	H	PK
4	10375.7584	38.33	7.38	-40.99	50.68	55.40	68.20	12.80	Pass	H	PK
5	13653.4769	39.49	8.53	-41.19	46.43	53.26	68.20	14.94	Pass	H	PK
6	17566.8045	42.65	12.43	-43.66	46.54	57.96	68.20	10.24	Pass	H	PK
7	1998.8999	31.69	4.13	-42.61	59.05	52.26	68.20	15.94	Pass	V	PK
8	2789.3289	32.86	5.01	-42.23	54.36	50.00	68.20	18.20	Pass	V	PK
9	5192.5193	34.69	7.47	-40.55	47.73	49.34	68.20	18.86	Pass	V	PK
10	5674.3674	35.28	8.19	-40.80	46.69	49.36	68.20	18.84	Pass	V	PK
11	10376.5251	38.33	7.39	-40.99	51.17	55.90	68.20	12.30	Pass	V	PK
12	17569.1046	42.64	12.42	-43.65	45.94	57.35	68.20	10.85	Pass	V	PK

Mode:		802.11 n (HT20Mbps) 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	3208.4708	33.28	5.71	-41.99	50.00	47.00	68.20	21.20	Pass	H	PK
2	5195.2695	34.70	7.46	-40.56	55.94	57.54	68.20	10.66	Pass	H	PK
3	6317.9318	35.86	8.54	-41.15	46.01	49.26	68.20	18.94	Pass	H	PK
4	10402.5935	38.36	7.54	-41.03	51.43	56.30	68.20	11.90	Pass	H	PK
5	14194.7797	39.89	9.04	-41.66	47.44	54.71	68.20	13.49	Pass	H	PK
6	17571.4048	42.64	12.40	-43.65	46.67	58.06	68.20	10.14	Pass	H	PK
7	1991.1991	31.64	4.13	-42.61	55.08	48.24	68.20	19.96	Pass	V	PK
8	2788.7789	32.86	5.01	-42.23	53.00	48.64	68.20	19.56	Pass	V	PK
9	5207.9208	34.71	7.44	-40.56	47.77	49.36	68.20	18.84	Pass	V	PK
10	6371.8372	35.87	8.61	-41.16	45.92	49.24	68.20	18.96	Pass	V	PK
11	10394.9263	38.35	7.51	-41.02	54.09	58.93	68.20	9.27	Pass	V	PK
12	17551.4701	42.66	12.52	-43.67	46.41	57.92	68.20	10.28	Pass	V	PK

Mode:		802.11 n (HT20Mbps) 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	1993.9494	31.66	4.13	-42.61	52.04	45.22	68.20	22.98	Pass	H	PK
2	3067.1067	33.23	5.50	-42.09	50.69	47.33	68.20	20.87	Pass	H	PK
3	5233.2233	34.73	7.45	-40.57	56.30	57.91	68.20	10.29	Pass	H	PK
4	10476.9651	38.47	7.46	-41.15	50.99	55.77	68.20	12.43	Pass	H	PK
5	15318.0212	40.72	10.06	-42.75	47.30	55.33	68.20	12.87	Pass	H	PK
6	17582.9055	42.63	12.33	-43.63	46.40	57.73	68.20	10.47	Pass	H	PK
7	1992.2992	31.65	4.13	-42.62	58.09	51.25	68.20	16.95	Pass	V	PK
8	2792.0792	32.87	5.01	-42.23	53.49	49.14	68.20	19.06	Pass	V	PK
9	5232.6733	34.73	7.45	-40.57	47.36	48.97	68.20	19.23	Pass	V	PK
10	6222.7723	35.84	8.31	-41.13	46.12	49.14	68.20	19.06	Pass	V	PK
11	10480.7987	38.47	7.45	-41.15	54.99	59.76	68.20	8.44	Pass	V	PK
12	17567.5712	42.65	12.42	-43.65	46.74	58.16	68.20	10.04	Pass	V	PK

Mode:		802.11 n (HT40Mbps) 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	1990.0990	31.63	4.13	-42.61	51.39	44.54	68.20	23.66	Pass	H	PK
2	3193.6194	33.28	5.71	-42.00	50.23	47.22	68.20	20.98	Pass	H	PK
3	5172.7173	34.67	7.54	-40.55	56.78	58.44	68.20	9.76	Pass	H	PK
4	10358.8906	38.30	7.28	-40.96	54.37	58.99	68.20	9.21	Pass	H	PK
5	14252.2835	39.95	9.25	-41.77	46.21	53.64	68.20	14.56	Pass	H	PK
6	17570.6380	42.64	12.41	-43.65	47.03	58.43	68.20	9.77	Pass	H	PK
7	1986.2486	31.61	4.13	-42.62	58.69	51.81	68.20	16.39	Pass	V	PK
8	2794.2794	32.87	5.02	-42.23	53.46	49.12	68.20	19.08	Pass	V	PK
9	5174.3674	34.67	7.53	-40.54	48.13	49.79	68.20	18.41	Pass	V	PK
10	6330.0330	35.87	8.60	-41.16	46.37	49.68	68.20	18.52	Pass	V	PK
11	10360.4240	38.30	7.29	-40.96	54.77	59.40	68.20	8.80	Pass	V	PK
12	17546.1031	42.66	12.51	-43.68	46.53	58.02	68.20	10.18	Pass	V	PK

Mode:		802.11 n (HT40Mbps) 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	1996.6997	31.68	4.13	-42.61	53.74	46.94	68.20	21.26	Pass	H	PK
2	3209.5710	33.28	5.71	-41.99	50.80	47.80	68.20	20.40	Pass	H	PK
3	5172.7173	34.67	7.54	-40.55	57.62	59.28	68.20	8.92	Pass	H	PK
4	10365.0243	38.31	7.32	-40.97	53.64	58.30	68.20	9.90	Pass	H	PK
5	14269.9180	39.97	9.09	-41.81	47.01	54.26	68.20	13.94	Pass	H	PK
6	17584.4390	42.63	12.32	-43.63	46.70	58.02	68.20	10.18	Pass	H	PK
7	2011.0011	31.72	4.16	-42.61	59.33	52.60	68.20	15.60	Pass	V	PK
8	2789.8790	32.86	5.01	-42.23	53.12	48.76	68.20	19.44	Pass	V	PK
9	5172.7173	34.67	7.54	-40.55	48.18	49.84	68.20	18.36	Pass	V	PK
10	6340.4840	35.87	8.65	-41.16	45.90	49.26	68.20	18.94	Pass	V	PK
11	10361.1907	38.31	7.29	-40.97	53.77	58.40	68.20	9.80	Pass	V	PK
12	17585.9724	42.63	12.31	-43.63	46.17	57.48	68.20	10.72	Pass	V	PK

Mode:		802.11 ac (VHT20Mbps) 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	2061.0561	31.79	4.34	-42.59	50.66	44.20	68.20	24.00	Pass	H	PK
2	3179.8680	33.27	5.64	-42.01	49.91	46.81	68.20	21.39	Pass	H	PK
3	5173.2673	34.67	7.54	-40.55	57.06	58.72	68.20	9.48	Pass	H	PK
4	10357.3572	38.30	7.27	-40.96	55.28	59.89	68.20	8.31	Pass	H	PK
5	14183.2789	39.88	9.06	-41.64	46.66	53.96	68.20	14.24	Pass	H	PK
6	17540.7360	42.67	12.47	-43.68	46.86	58.32	68.20	9.88	Pass	H	PK
7	1408.1408	28.31	3.35	-42.68	51.88	40.86	68.20	27.34	Pass	V	PK
8	1996.1496	31.67	4.13	-42.61	55.88	49.07	68.20	19.13	Pass	V	PK
9	2793.7294	32.87	5.02	-42.23	54.35	50.01	68.20	18.19	Pass	V	PK
10	5171.6172	34.67	7.54	-40.54	48.45	50.12	68.20	18.08	Pass	V	PK
11	10358.8906	38.30	7.28	-40.96	55.81	60.43	68.20	7.77	Pass	V	PK
12	17575.2383	42.64	12.38	-43.65	46.75	58.12	68.20	10.08	Pass	V	PK

Mode:		802.11 ac (VHT20Mbps) 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	2090.2090	31.83	4.51	-42.58	50.81	44.57	68.20	23.63	Pass	H	PK
2	3581.4081	33.47	5.86	-41.65	49.35	47.03	68.20	21.17	Pass	H	PK
3	5207.9208	34.71	7.44	-40.56	55.52	57.11	68.20	11.09	Pass	H	PK
4	10400.2934	38.36	7.54	-41.02	53.14	58.02	68.20	10.18	Pass	H	PK
5	14179.4453	39.88	9.07	-41.64	47.08	54.39	68.20	13.81	Pass	H	PK
6	17483.9989	42.68	12.01	-43.70	46.85	57.84	68.20	10.36	Pass	H	PK
7	1200.2200	28.10	3.04	-42.89	58.29	46.54	68.20	21.66	Pass	V	PK
8	2021.4521	31.73	4.19	-42.60	53.56	46.88	68.20	21.32	Pass	V	PK
9	3187.0187	33.27	5.68	-42.01	50.63	47.57	68.20	20.63	Pass	V	PK
10	5208.4708	34.71	7.44	-40.56	48.12	49.71	68.20	18.49	Pass	V	PK
11	10401.0601	38.36	7.54	-41.02	56.73	61.61	68.20	6.59	Pass	V	PK
12	17564.5043	42.65	12.44	-43.66	46.25	57.68	68.20	10.52	Pass	V	PK

Mode:		802.11 ac (VHT20Mbps) 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	1500.0000	28.40	3.51	-42.67	55.69	44.93	68.20	23.27	Pass	H	PK
2	2985.1485	33.18	5.30	-42.13	50.75	47.10	68.20	21.10	Pass	H	PK
3	5232.6733	34.73	7.45	-40.57	56.69	58.30	68.20	9.90	Pass	H	PK
4	6323.9824	35.86	8.57	-41.15	46.05	49.33	68.20	18.87	Pass	H	PK
5	10480.0320	38.47	7.45	-41.15	51.36	56.13	68.20	12.07	Pass	H	PK
6	17520.8014	42.68	12.35	-43.70	46.26	57.59	68.20	10.61	Pass	H	PK
7	1200.2200	28.10	3.04	-42.89	55.16	43.41	68.20	24.79	Pass	V	PK
8	1959.2959	31.43	4.12	-42.63	55.61	48.53	68.20	19.67	Pass	V	PK
9	2788.7789	32.86	5.01	-42.23	54.93	50.57	68.20	17.63	Pass	V	PK
10	6330.0330	35.87	8.60	-41.16	46.87	50.18	68.20	18.02	Pass	V	PK
11	10478.4986	38.47	7.45	-41.14	55.38	60.16	68.20	8.04	Pass	V	PK
12	17581.3721	42.63	12.34	-43.63	46.31	57.65	68.20	10.55	Pass	V	PK

Mode:		802.11 ac (VHT40Mbps) 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	1200.2200	28.10	3.04	-42.89	55.16	43.41	68.20	24.79	Pass	H	PK
2	2490.0990	32.39	4.73	-42.40	51.60	46.32	68.20	21.88	Pass	H	PK
3	5191.4191	34.69	7.47	-40.55	53.55	55.16	68.20	13.04	Pass	H	PK
4	7540.4360	36.58	6.43	-40.78	46.67	48.90	68.20	19.30	Pass	H	PK
5	10383.4256	38.34	7.43	-41.00	51.99	56.76	68.20	11.44	Pass	H	PK
6	17582.1388	42.63	12.34	-43.64	46.60	57.93	68.20	10.27	Pass	H	PK
7	1500.0000	28.40	3.51	-42.67	54.56	43.80	68.20	24.40	Pass	V	PK
8	1998.3498	31.69	4.13	-42.61	54.82	48.03	68.20	20.17	Pass	V	PK
9	5690.3190	35.30	8.21	-40.81	46.34	49.04	68.20	19.16	Pass	V	PK
10	6498.8999	35.90	8.67	-41.19	45.81	49.19	68.20	19.01	Pass	V	PK
11	10384.9590	38.34	7.44	-41.00	51.84	56.62	68.20	11.58	Pass	V	PK
12	17490.8994	42.69	12.10	-43.71	46.78	57.86	68.20	10.34	Pass	V	PK

Mode:		802.11 ac (VHT40Mbps) 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	1500.5501	28.40	3.51	-42.67	55.03	44.27	68.20	23.93	Pass	H	PK
2	3132.5633	33.25	5.49	-42.04	50.12	46.82	68.20	21.38	Pass	H	PK
3	5232.6733	34.73	7.45	-40.57	55.14	56.75	68.20	11.45	Pass	H	PK
4	10463.1642	38.45	7.48	-41.12	49.99	54.80	68.20	13.40	Pass	H	PK
5	14243.8496	39.94	9.24	-41.75	46.32	53.75	68.20	14.45	Pass	H	PK
6	17556.8371	42.65	12.49	-43.66	47.46	58.94	68.20	9.26	Pass	H	PK
7	1993.3993	31.66	4.13	-42.62	54.98	48.15	68.20	20.05	Pass	V	PK
8	2798.6799	32.88	5.03	-42.23	53.72	49.40	68.20	18.80	Pass	V	PK
9	5216.1716	34.72	7.44	-40.56	47.63	49.23	68.20	18.97	Pass	V	PK
10	10457.0305	38.44	7.50	-41.12	53.08	57.90	68.20	10.30	Pass	V	PK
11	16590.7727	42.28	10.79	-43.57	46.94	56.44	68.20	11.76	Pass	V	PK
12	17567.5712	42.65	12.42	-43.65	46.72	58.14	68.20	10.06	Pass	V	PK

Mode:		802.11 ac (VHT80Mbps) 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	1199.6700	28.10	3.04	-42.89	56.86	45.11	68.20	23.09	Pass	H	PK
2	3201.3201	33.28	5.74	-41.99	50.12	47.15	68.20	21.05	Pass	H	PK
3	5191.9692	34.69	7.47	-40.55	50.81	52.42	68.20	15.78	Pass	H	PK
4	10378.8253	38.33	7.40	-40.99	46.99	51.73	68.20	16.47	Pass	H	PK
5	13714.8143	39.53	8.45	-41.21	46.91	53.68	68.20	14.52	Pass	H	PK
6	17599.0066	42.62	12.24	-43.63	46.34	57.57	68.20	10.63	Pass	H	PK
7	1992.2992	31.65	4.13	-42.62	55.04	48.20	68.20	20.00	Pass	V	PK
8	2798.6799	32.88	5.03	-42.23	52.80	48.48	68.20	19.72	Pass	V	PK
9	6485.1485	35.90	8.61	-41.19	46.07	49.39	68.20	18.81	Pass	V	PK
10	10376.5251	38.33	7.39	-40.99	49.41	54.14	68.20	14.06	Pass	V	PK
11	16296.3531	42.14	10.70	-43.54	47.24	56.54	68.20	11.66	Pass	V	PK
12	17583.6722	42.63	12.33	-43.64	46.48	57.80	68.20	10.40	Pass	V	PK

Band 4 Above 1G -68.2

Mode:		802.11 a (HT20Mbps) 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	1498.3498	28.40	3.10	-42.68	53.20	42.02	68.20	26.18	Pass	H	PK
2	2310.7811	32.14	4.15	-42.48	50.46	44.27	68.20	23.93	Pass	H	PK
3	5738.1738	35.38	6.99	-40.85	50.69	52.21	68.20	15.99	Pass	H	PK
4	7532.0021	36.59	6.45	-40.78	46.04	48.30	68.20	19.90	Pass	H	PK
5	10592.7395	38.52	7.27	-41.17	45.50	50.12	68.20	18.08	Pass	H	PK
6	16193.6129	42.05	11.08	-43.47	46.22	55.88	68.20	12.32	Pass	H	PK
7	1394.9395	28.29	2.95	-42.68	56.80	45.36	68.20	22.84	Pass	V	PK
8	2023.6524	31.73	3.65	-42.60	56.02	48.80	68.20	19.40	Pass	V	PK
9	3187.5688	33.28	4.69	-42.01	52.06	48.02	68.20	20.18	Pass	V	PK
10	6916.3278	36.07	6.47	-41.19	46.03	47.38	68.20	20.82	Pass	V	PK
11	10513.7676	38.50	7.39	-41.18	45.25	49.96	68.20	18.24	Pass	V	PK
12	16205.1137	42.06	11.07	-43.48	45.98	55.63	68.20	12.57	Pass	V	PK

Mode:		802.11 a (HT20Mbps) 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	1500.0000	28.40	3.10	-42.67	56.16	44.99	68.20	23.21	Pass	H	PK
2	2443.8944	32.32	4.02	-42.42	50.51	44.43	68.20	23.77	Pass	H	PK
3	3584.1584	33.47	5.13	-41.64	50.13	47.09	68.20	21.11	Pass	H	PK
4	5787.1287	35.46	7.00	-40.90	50.82	52.38	68.20	15.82	Pass	H	PK
5	10620.3414	38.52	7.27	-41.16	45.87	50.50	68.20	17.70	Pass	H	PK
6	17547.6365	42.66	12.52	-43.68	46.35	57.85	68.20	10.35	Pass	H	PK
7	1393.8394	28.29	2.95	-42.68	54.11	42.67	68.20	25.53	Pass	V	PK
8	2794.2794	32.87	4.31	-42.23	53.17	48.12	68.20	20.08	Pass	V	PK
9	5359.1859	34.86	6.43	-40.60	46.58	47.27	68.20	20.93	Pass	V	PK
10	9018.6679	37.70	6.80	-40.69	45.50	49.31	68.20	18.89	Pass	V	PK
11	13584.4723	39.45	8.46	-41.18	47.44	54.17	68.20	14.03	Pass	V	PK
12	17493.1995	42.69	12.13	-43.71	46.84	57.95	68.20	10.25	Pass	V	PK

Mode:		802.11 a (HT20Mbps) 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	1500.0000	28.40	3.10	-42.67	56.02	44.85	68.20	23.35	Pass	H	PK
2	2490.6491	32.39	4.13	-42.40	52.86	46.98	68.20	21.22	Pass	H	PK
3	3488.9989	33.40	4.87	-41.83	50.16	46.60	68.20	21.60	Pass	H	PK
4	5822.3322	35.52	7.01	-40.93	48.92	50.52	68.20	17.68	Pass	H	PK
5	9101.4734	37.68	6.65	-40.72	44.91	48.52	68.20	19.68	Pass	H	PK
6	14274.5183	39.97	9.04	-41.81	47.33	54.53	68.20	13.67	Pass	H	PK
7	1397.1397	28.30	2.95	-42.69	58.36	46.92	68.20	21.28	Pass	V	PK
8	2795.9296	32.87	4.31	-42.23	54.74	49.69	68.20	18.51	Pass	V	PK
9	4964.2464	34.50	6.00	-40.53	46.34	46.31	68.20	21.89	Pass	V	PK
10	9065.4377	37.69	6.72	-40.71	45.15	48.85	68.20	19.35	Pass	V	PK
11	11649.2766	39.02	7.54	-41.33	49.34	54.57	68.20	13.63	Pass	V	PK
12	17035.4690	42.24	11.49	-43.29	45.74	56.18	68.20	12.02	Pass	V	PK

Mode:		802.11 n (HT20Mbps) 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	1500.0000	28.40	3.10	-42.67	54.06	42.89	68.20	25.31	Pass	H	PK
2	2215.6216	32.00	3.93	-42.52	50.46	43.87	68.20	24.33	Pass	H	PK
3	3229.3729	33.29	4.92	-41.98	49.98	46.21	68.20	21.99	Pass	H	PK
4	5352.5853	34.85	6.42	-40.60	46.26	46.93	68.20	21.27	Pass	H	PK
5	7480.6320	36.58	6.51	-40.78	45.72	48.03	68.20	20.17	Pass	H	PK
6	11773.4849	39.12	7.52	-41.29	46.26	51.61	68.20	16.59	Pass	H	PK
7	1396.5897	28.30	2.95	-42.69	55.87	44.43	68.20	23.77	Pass	V	PK
8	2037.4037	31.75	3.65	-42.59	52.82	45.63	68.20	22.57	Pass	V	PK
9	3427.3927	33.37	4.83	-41.86	49.59	45.93	68.20	22.27	Pass	V	PK
10	5162.2662	34.66	6.16	-40.54	47.00	47.28	68.20	20.92	Pass	V	PK
11	7673.0782	36.53	6.31	-40.85	46.22	48.21	68.20	19.99	Pass	V	PK
12	13896.5264	39.64	9.05	-41.26	46.11	53.54	68.20	14.66	Pass	V	PK

Mode:		802.11 n (HT20Mbps) 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	54.69	42.77	68.20	25.43	Pass	H	PK
2	1996.6997	31.68	3.65	-42.61	50.45	43.17	68.20	25.03	Pass	H	PK
3	3239.2739	33.30	4.99	-41.98	50.03	46.34	68.20	21.86	Pass	H	PK
4	5739.2739	35.38	6.99	-40.85	49.88	51.40	68.20	16.80	Pass	H	PK
5	9112.9742	37.68	6.64	-40.72	45.29	48.89	68.20	19.31	Pass	H	PK
6	16310.1540	42.15	10.81	-43.55	46.19	55.60	68.20	12.60	Pass	H	PK
7	1490.0990	28.39	3.08	-42.67	53.60	42.40	68.20	25.80	Pass	V	PK
8	2201.3201	31.98	3.87	-42.52	51.24	44.57	68.20	23.63	Pass	V	PK
9	3192.5193	33.28	4.70	-42.01	50.86	46.83	68.20	21.37	Pass	V	PK
10	6492.8493	35.90	7.50	-41.19	46.74	48.95	68.20	19.25	Pass	V	PK
11	11486.7324	38.89	7.92	-41.37	48.58	54.02	68.20	14.18	Pass	V	PK
12	17576.7718	42.64	12.37	-43.65	47.18	58.54	68.20	9.66	Pass	V	PK

Mode:		802.11 n (HT20Mbps) 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	1500.0000	28.40	3.10	-42.67	56.09	44.92	68.20	23.28	Pass	H	PK
2	3075.9076	33.23	4.63	-42.07	51.40	47.19	68.20	21.01	Pass	H	PK
3	5787.1287	35.46	7.00	-40.90	50.12	51.68	68.20	16.52	Pass	H	PK
4	8952.7302	37.60	6.85	-40.67	44.79	48.57	68.20	19.63	Pass	H	PK
5	12379.1919	39.53	7.89	-41.13	45.96	52.25	68.20	15.95	Pass	H	PK
6	17592.1061	42.63	12.28	-43.64	46.91	58.18	68.20	10.02	Pass	H	PK
7	1395.4895	28.30	2.95	-42.69	53.03	41.59	68.20	26.61	Pass	V	PK
8	2700.2200	32.72	4.25	-42.28	50.43	45.12	68.20	23.08	Pass	V	PK
9	4153.4653	34.01	5.35	-40.81	45.55	44.10	68.20	24.10	Pass	V	PK
10	5887.7888	35.62	7.03	-40.99	45.70	47.36	68.20	20.84	Pass	V	PK
11	8363.1242	36.55	6.61	-40.68	46.40	48.88	68.20	19.32	Pass	V	PK
12	13704.0803	39.52	8.43	-41.20	46.86	53.61	68.20	14.59	Pass	V	PK

Mode:		802.11 n (HT40Mbps) 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	1200.2200	28.10	2.87	-42.89	57.21	45.29	68.20	22.91	Pass	H	PK
2	1500.0000	28.40	3.10	-42.67	57.82	46.65	68.20	21.55	Pass	H	PK
3	2619.3619	32.59	4.35	-42.32	50.91	45.53	68.20	22.67	Pass	H	PK
4	7712.1808	36.52	6.37	-40.87	45.83	47.85	68.20	20.35	Pass	H	PK
5	12360.0240	39.52	7.83	-41.13	47.20	53.42	68.20	14.78	Pass	H	PK
6	17004.8003	42.20	11.60	-43.25	45.50	56.05	68.20	12.15	Pass	H	PK
7	1396.5897	28.30	2.95	-42.69	55.86	44.42	68.20	23.78	Pass	V	PK
8	2790.4290	32.86	4.31	-42.23	53.65	48.59	68.20	19.61	Pass	V	PK
9	4777.2277	34.50	5.91	-40.69	45.79	45.51	68.20	22.69	Pass	V	PK
10	7471.4314	36.57	6.51	-40.80	45.66	47.94	68.20	20.26	Pass	V	PK
11	11477.5318	38.89	7.89	-41.37	46.27	51.68	68.20	16.52	Pass	V	PK
12	17027.8019	42.23	11.52	-43.28	46.40	56.87	68.20	11.33	Pass	V	PK

Mode:		802.11 n (HT40Mbps) 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	1199.6700	28.10	2.87	-42.89	54.14	42.22	68.20	25.98	Pass	H	PK
2	1955.9956	31.41	3.64	-42.63	50.50	42.92	68.20	25.28	Pass	H	PK
3	4077.5578	33.91	5.31	-40.80	45.95	44.37	68.20	23.83	Pass	H	PK
4	6895.6264	36.06	6.47	-41.19	46.47	47.81	68.20	20.39	Pass	H	PK
5	12800.1200	39.60	8.09	-41.48	46.36	52.57	68.20	15.63	Pass	H	PK
6	17554.5370	42.66	12.50	-43.67	46.36	57.85	68.20	10.35	Pass	H	PK
7	1399.3399	28.30	2.95	-42.68	55.32	43.89	68.20	24.31	Pass	V	PK
8	1992.8493	31.65	3.65	-42.61	56.48	49.17	68.20	19.03	Pass	V	PK
9	2792.0792	32.87	4.31	-42.24	55.33	50.27	68.20	17.93	Pass	V	PK
10	4991.1991	34.50	5.97	-40.51	46.08	46.04	68.20	22.16	Pass	V	PK
11	7526.6351	36.59	6.47	-40.79	45.79	48.06	68.20	20.14	Pass	V	PK
12	13803.7536	39.58	8.77	-41.23	46.09	53.21	68.20	14.99	Pass	V	PK

Mode:		802.11 ac (VHT20Mbps) 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	1499.4499	28.40	3.10	-42.67	53.07	41.90	68.20	26.30	Pass	H	PK
2	2055.5556	31.78	3.65	-42.59	50.83	43.67	68.20	24.53	Pass	H	PK
3	2957.6458	33.13	4.58	-42.14	50.27	45.84	68.20	22.36	Pass	H	PK
4	6493.9494	35.90	7.51	-41.19	45.62	47.84	68.20	20.36	Pass	H	PK
5	12327.8219	39.50	7.76	-41.14	46.68	52.80	68.20	15.40	Pass	H	PK
6	17586.7391	42.63	12.31	-43.63	46.94	58.25	68.20	9.95	Pass	H	PK
7	1397.1397	28.30	2.95	-42.69	56.67	45.23	68.20	22.97	Pass	V	PK
8	2492.8493	32.39	4.13	-42.39	52.72	46.85	68.20	21.35	Pass	V	PK
9	3326.1826	33.33	4.75	-41.93	49.87	46.02	68.20	22.18	Pass	V	PK
10	5866.3366	35.59	7.02	-40.97	46.35	47.99	68.20	20.21	Pass	V	PK
11	11013.6676	38.61	7.64	-41.11	45.63	50.77	68.20	17.43	Pass	V	PK
12	16686.6124	42.26	10.89	-43.50	46.63	56.28	68.20	11.92	Pass	V	PK

Mode:		802.11 ac (VHT20Mbps) 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	1499.4499	28.40	3.10	-42.67	53.80	42.63	68.20	25.57	Pass	H	PK
2	2915.8416	33.07	4.50	-42.17	49.98	45.38	68.20	22.82	Pass	H	PK
3	5216.7217	34.72	6.24	-40.56	45.58	45.98	68.20	22.22	Pass	H	PK
4	9097.6398	37.68	6.65	-40.71	45.50	49.12	68.20	19.08	Pass	H	PK
5	13130.5754	39.55	7.80	-41.59	47.56	53.32	68.20	14.88	Pass	H	PK
6	17566.8045	42.65	12.43	-43.66	46.98	58.40	68.20	9.80	Pass	H	PK
7	1500.0000	28.40	3.10	-42.67	55.64	44.47	68.20	23.73	Pass	V	PK
8	2798.1298	32.88	4.31	-42.23	53.35	48.31	68.20	19.89	Pass	V	PK
9	5655.6656	35.25	6.97	-40.78	45.93	47.37	68.20	20.83	Pass	V	PK
10	9100.7067	37.68	6.65	-40.72	45.41	49.02	68.20	19.18	Pass	V	PK
11	12566.2711	39.60	7.85	-41.18	46.08	52.35	68.20	15.85	Pass	V	PK
12	17569.1046	42.64	12.42	-43.65	46.17	57.58	68.20	10.62	Pass	V	PK

Mode:		802.11 ac (VHT20Mbps) 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	1200.2200	28.10	2.87	-42.89	58.25	46.33	68.20	21.87	Pass	H	PK
2	2046.2046	31.76	3.65	-42.58	50.89	43.72	68.20	24.48	Pass	H	PK
3	3515.9516	33.41	4.95	-41.78	49.35	45.93	68.20	22.27	Pass	H	PK
4	6338.2838	35.87	7.19	-41.16	45.98	47.88	68.20	20.32	Pass	H	PK
5	11239.8493	38.74	7.69	-41.24	45.43	50.62	68.20	17.58	Pass	H	PK
6	17585.9724	42.63	12.31	-43.63	47.20	58.51	68.20	9.69	Pass	H	PK
7	1398.2398	28.30	2.95	-42.68	54.20	42.77	68.20	25.43	Pass	V	PK
8	2288.7789	32.10	4.16	-42.48	49.74	43.52	68.20	24.68	Pass	V	PK
9	3372.9373	33.35	4.80	-41.89	50.33	46.59	68.20	21.61	Pass	V	PK
10	6316.2816	35.86	7.35	-41.15	45.97	48.03	68.20	20.17	Pass	V	PK
11	11486.7324	38.89	7.92	-41.37	47.78	53.22	68.20	14.98	Pass	V	PK
12	17005.5670	42.21	11.60	-43.26	46.48	57.03	68.20	11.17	Pass	V	PK

Mode:		802.11 ac (VHT40Mbps) 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	1500.0000	28.40	3.10	-42.67	52.92	41.75	68.20	26.45	Pass	H	PK
2	3212.3212	33.28	4.80	-41.99	50.35	46.44	68.20	21.76	Pass	H	PK
3	4376.7877	34.33	5.52	-40.88	45.71	44.68	68.20	23.52	Pass	H	PK
4	7754.3503	36.50	6.41	-40.89	46.65	48.67	68.20	19.53	Pass	H	PK
5	13076.1384	39.57	7.92	-41.65	47.09	52.93	68.20	15.27	Pass	H	PK
6	17565.2710	42.65	12.44	-43.66	47.58	59.01	68.20	9.19	Pass	H	PK
7	1396.0396	28.30	2.95	-42.69	56.52	45.08	68.20	23.12	Pass	V	PK
8	2077.5578	31.81	3.66	-42.58	56.46	49.35	68.20	18.85	Pass	V	PK
9	4966.9967	34.50	5.99	-40.52	45.70	45.67	68.20	22.53	Pass	V	PK
10	6492.2992	35.90	7.49	-41.19	45.47	47.67	68.20	20.53	Pass	V	PK
11	11544.2363	38.94	7.70	-41.36	46.14	51.42	68.20	16.78	Pass	V	PK
12	17573.7049	42.64	12.39	-43.65	46.25	57.63	68.20	10.57	Pass	V	PK

Mode:		802.11 ac (VHT40Mbps) 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	1500.5501	28.40	3.10	-42.67	54.81	43.64	68.20	24.56	Pass	H	PK
2	2956.5457	33.13	4.58	-42.15	50.12	45.68	68.20	22.52	Pass	H	PK
3	4738.7239	34.50	6.00	-40.72	46.33	46.11	68.20	22.09	Pass	H	PK
4	8431.3621	36.57	6.70	-40.62	46.18	48.83	68.20	19.37	Pass	H	PK
5	12478.8653	39.59	7.88	-41.10	45.75	52.12	68.20	16.08	Pass	H	PK
6	17571.4048	42.64	12.40	-43.65	46.67	58.06	68.20	10.14	Pass	H	PK
7	1396.0396	28.30	2.95	-42.69	55.49	44.05	68.20	24.15	Pass	V	PK
8	2787.6788	32.86	4.31	-42.24	55.73	50.66	68.20	17.54	Pass	V	PK
9	4808.5809	34.50	5.87	-40.66	46.33	46.04	68.20	22.16	Pass	V	PK
10	6498.8999	35.90	7.55	-41.19	46.30	48.56	68.20	19.64	Pass	V	PK
11	10923.9616	38.58	7.48	-41.12	45.66	50.60	68.20	17.60	Pass	V	PK
12	17456.3971	42.66	11.64	-43.68	46.57	57.19	68.20	11.01	Pass	V	PK

Mode:		802.11 ac (VHT80Mbps) 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	1595.1595	29.03	3.23	-42.90	51.52	40.88	68.20	27.32	Pass	H	PK
2	3068.2068	33.23	4.64	-42.09	50.04	45.82	68.20	22.38	Pass	H	PK
3	5738.7239	35.38	6.99	-40.85	46.47	47.99	68.20	20.21	Pass	H	PK
4	8329.3886	36.53	6.54	-40.71	46.59	48.95	68.20	19.25	Pass	H	PK
5	13653.4769	39.49	8.53	-41.19	46.93	53.76	68.20	14.44	Pass	H	PK
6	17032.4022	42.23	11.50	-43.27	46.20	56.66	68.20	11.54	Pass	H	PK
7	1396.0396	28.30	2.95	-42.69	54.82	43.38	68.20	24.82	Pass	V	PK
8	1997.2497	31.68	3.65	-42.61	57.64	50.36	68.20	17.84	Pass	V	PK
9	3428.4928	33.37	4.83	-41.86	49.91	46.25	68.20	21.95	Pass	V	PK
10	4538.5039	34.50	5.82	-40.88	46.82	46.26	68.20	21.94	Pass	V	PK
11	8335.5224	36.53	6.55	-40.70	46.54	48.92	68.20	19.28	Pass	V	PK
12	17555.3037	42.66	12.50	-43.67	45.39	56.88	68.20	11.32	Pass	V	PK

For the all emission,out-of-band emission that complies with both the peak and average limits of § 15.209 is not required to satisfy the -27 dBm/MHz or -17 dBm/MHz maximum emission limit. Refer to test item“Unwanted Emissions in the Restricted Bands (Radiated Emission)” test result.

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

Final Test Level =Receiver Reading - Correct Factor

Correct Factor = Preamplifier Factor– Antenna Factor–Cable Factor

2) Scan from 1GHz to 25GHz, the disturbance above 13GHz 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 EUT Constructional Details

Refer to Report No.EED32L00207101 for EUT external and internal photos.

*** End of Report ***

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