



FCC Part 15E Test Report

FCC ID: 2A5TQ-R600

Applicant: SHENZHEN SAGE IOT TECHNOLOGY CO.,LTD

Address: 4th Floor, Building B, Qiao Hongsheng cultural and creative garden, Xixiang Jiedao, Bao'an District, Shenzhen City, China

Manufacturer: SHENZHEN SAGE IOT TECHNOLOGY CO.,LTD

Address: 4th Floor, Building B, Qiao Hongsheng cultural and creative garden, Xixiang Jiedao, Bao'an District, Shenzhen City, China

Product Name: Mobile phone magnetic selfie screen

Trade Mark: N/A

Model Number: R600, R610, R620, R630, R640, R650, R660, R670, R680, R690

Date of Receipt: Jan. 26, 2026

Test Date: Jan. 26, 2026 ~ Feb. 03, 2026

Date of Report: Feb. 03, 2026

Prepared By: Shenzhen DL Testing Technology Co., Ltd.

Address: 101-201, Comprehensive Building, Tongzhou Electronics Longgang Factory Area, No.1 Baolong Fifth Road, Baolong Community, Baolong Street, Longgang District, Shenzhen, China

Applicable Standards: FCC Rules and Regulations Part 15 Subpart E Section 15.407
ANSI C63.10: 2020

Test Result: Pass

Report Number: DLE-260205016R

Prepared by(Engineer): Ken Tan

Reviewer(Supervisor): Jack Bu

Approved(Manager): Jade Yang



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



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**** Issued History ****

Revision	Description	Issued Date	Remark
Revision 1.0	Initial Test Report Release	Feb. 03, 2026	



1. Summary

1.1. Test Procedures and Results

Requirement	CFR 47 Section	Result
Antenna Requirement	§15.203	PASS
AC Power Line Conducted Emission	§15.207	PASS
Maximum Conducted Output Power	§15.407(a)	PASS
26dB Emission Bandwidth & 99% Occupied Bandwidth	§15.407(a)	PASS
Power Spectral Density	§15.407(a)	PASS
Radiated Emission	§15.407(b)/15.209/15.205	PASS
Frequency Stability	§15.407(g)	PASS

Note:

1. PASS: Test item meets the requirement.
2. Fail: Test item does not meet the requirement.
3. N/A: Test case does not apply to the test object.
4. The test result judgment is decided by the limit of test standard.



1.2. Measurement Uncertainty

The reported uncertainty of measurement $y \pm U$, where expanded uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95 %.

No.	Item	Uncertainty
1	Conducted Emission Test	$\pm 2.56\text{dB}$
2	RF power,conducted	$\pm 0.42\text{dB}$
3	Spurious emissions,conducted	$\pm 2.76\text{dB}$
4	All emissions,radiated(<1G)	$\pm 3.65\text{dB}$
5	All emissions,radiated(>1G)	$\pm 4.89\text{dB}$
6	Temperature	$\pm 0.5^{\circ}\text{C}$
7	Humidity	$\pm 2\%$
8	6dB Bandwidth	$\pm 0.2\text{MHz}$
9	Power Spectral Density	$\pm 0.3\text{dBm}$

1.3. Information of the Test Laboratory

Shenzhen DL Testing Technology Co., Ltd.

Add.: 101-201, Comprehensive Building, Tongzhou Electronics Longgang Factory Area, No.1 Baolong Fifth Road, Baolong Community, Baolong Street, Longgang District, Shenzhen, China



2. EUT Description

2.1. General Description of EUT

Equipment	Mobile phone magnetic selfie screen
Model Name	R600
Series Model(s)	R610, R620, R630, R640, R650, R660, R670, R680, R690
Model Difference	All model's the function, software and electric circuit are the same, only with appearance, product color and model named different. Test sample model: R600.
Operation Frequency:	IEEE 802.11a/n(HT20) 5.180GHz-5.240GHz IEEE 802.11n(HT40) 5.190GHz-5.230GHz
Modulation Technology:	IEEE 802.11a/n
Modulation Type	64QAM, 16QAM, QPSK, BPSK for OFDM
Antenna Type	FPC antenna
Antenna Gain	3.71dBi
Power Source	DC5V from Type-C or DC3.7V from battery
Power Supply:	DC5V from Type-C or DC3.7V from battery
Hardware Version	V2
Software Version	1.1.14
Note: 1. For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual. 2. Antenna gain Refer to the antenna specifications. 3. The cable loss data is obtained from the supplier. 4. The test results in the report only apply to the tested sample.	



2.2. Operation Frequency Each of Channel

802.11a/802.11n(HT20)		802.11n(HT40)	
Channel	Frequency	Channel	Frequency
36	5180	38	5190
40	5200	46	5230
44	5220		
48	5240		

Note:

In section 15.31(m), regards to the operating frequency range over 10 MHz, the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:

2.3. Operation of EUT during Testing

For 802.11a/n (HT20)

Band I (5150 - 5250 MHz)		
Channel Number	Channel	Frequency (MHz)
36	Low	5180
40	Mid	5200
48	High	5240

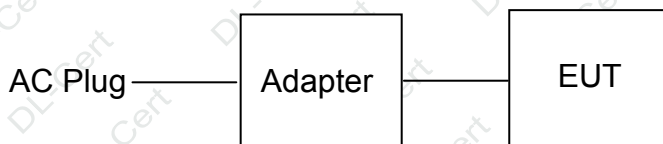
For 802.11n (HT40)

Band I (5150 - 5250 MHz)		
Channel Number	Channel	Frequency (MHz)
38	Low	5190
46	High	5230



2.4. Description of Test Setup

Operation of EUT during AC Conducted and Radiation below 1GHz testing:



Operation of EUT during Radiation Above 1GHz testing:



Operation of EUT during RF Conducted testing:



The sample was placed (0.8m below 1GHz, 1.5m above 1GHz) above the ground plane of 3m chamber. Measurements in both horizontal and vertical polarities were performed. During the test, each emission was maximized by: having the EUT continuously working, investigated all operating modes, rotated about all 3 axis (X, Y & Z) and considered typical configuration to obtain worst position, manipulating interconnecting cables, rotating the turntable, varying antenna height from 1m to 4m in both horizontal and vertical polarizations. The emissions worst-case are shown in Test Results of the following pages. The worst case is X position.



2.5. Description of Support Units

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Trade Mark	Model/Type No.	Specification	Remark
1	Mobile phone magnetic selfie screen	N/A	R600	N/A	EUT
2	USB Cable	N/A	N/A	Length: 100cm	
3	Adapter	N/A	MDY-10-EH	Input: AC100-240V, 50/60Hz, 0.7A Output: DC5V/3A, 9V/3A, 12V/2.25A, 20V/1.35A	

Note:

1. All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.
2. Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.
3. For conducted measurements (Output Power, 26db Bandwidth and 99% Occupied Bandwidth, Power Spectral Density, Spurious Emissions), the antenna of EUT is connected to the test equipment via temporary antenna connector, the antenna connector is soldered on the antenna port of EUT, and the temporary antenna connector is listed in the Test Instruments.



2.6. Equipments List for All Test Items

Radiation test, Band-edge test and 6db bandwidth test equipment

Item	Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until
1	Spectrum Analyzer (9kHz-26.5GHz)	Agilent	E4408B	MY50140780	Oct. 25, 2025	Oct. 24, 2026
2	Test Receiver (9kHz-7GHz)	R&S	ESRP7	101393	Oct. 25, 2025	Oct. 24, 2026
3	Bilog Antenna (30MHz-1GHz)	R&S	VULB9162	00306	Oct. 25, 2025	Oct. 24, 2026
4	Horn Antenna (1GHz-18GHz)	Schwarzbeck	BBHA9120D	02139	Oct. 25, 2025	Oct. 24, 2026
5	Horn Antenna (18GHz-40GHz)	A.H. Systems	SAS-574	588	Oct. 25, 2025	Oct. 24, 2026
6	Amplifier (9KHz-6GHz)	Schwarzbeck	BBV9743B	00153	Oct. 25, 2025	Oct. 24, 2026
7	Amplifier (1GHz-18GHz)	EMEC	EM01G8GA	00270	Oct. 25, 2025	Oct. 24, 2026
8	Amplifier (18GHz-40GHz)	Quanjuda	DLE-161	97	Oct. 25, 2025	Oct. 24, 2026
9	Loop Antenna (9KHz-30MHz)	Schwarzbeck	FMZB1519B	00014	Oct. 25, 2025	Oct. 24, 2026
10	RF cables1 (9kHz-1GHz)	ChengYu	966	004	Oct. 25, 2025	Oct. 24, 2026
11	RF cables2 (1GHz-40GHz)	ChengYu	966	003	Oct. 25, 2025	Oct. 24, 2026
12	Antenna connector	Florida RF Labs	N/A	RF 01#	Oct. 25, 2025	Oct. 24, 2026
13	Power probe	KEYSIGHT	U2021XA	MY55210018	Oct. 25, 2025	Oct. 24, 2026
14	Signal Analyzer 9kHz-26.5GHz	Agilent	N9020A	MY55370280	Oct. 25, 2025	Oct. 24, 2026
15	Test Receiver 20kHz-40GHz	R&S	ESU 40	100376	Oct. 25, 2025	Oct. 24, 2026
16	D.C. Power Supply	LongWei	PS-305D	010964729	Oct. 25, 2025	Oct. 24, 2026

Conduction Test equipment

Item	Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until
1	843 Shielded Room	ChengYu	843 Room	843	Nov. 05, 2023	Nov. 04, 2026
2	EMI Receiver	R&S	ESR	101421	Oct. 25, 2025	Oct. 24, 2026
3	LISN	R&S	ENV216	102417	Oct. 25, 2025	Oct. 24, 2026
4	843 Cable 1#	ChengYu	CE Cable	001	Oct. 25, 2025	Oct. 24, 2026

Other

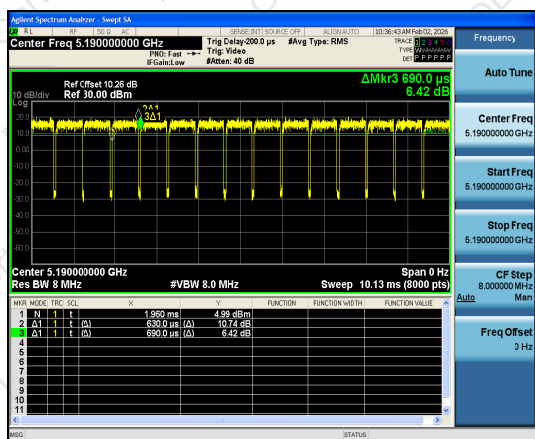
Item	Name	Manufacturer	Model	Software version
1	EMC Conduction Test System	FALA	EZ EMC	EMC-CON 3A1.1
2	EMC radiation test system	FALA	EZ EMC	FA-03A2
3	RF test system	MAIWEI	MTS8310	2.0.0.0
4	RF communication test system	MAIWEI	MTS8200	2.0.0.0



3. General Information

3.1. Test environment and mode

Operating Environment:									
Temperature:	25.0 °C								
Humidity:	56 % RH								
Atmospheric Pressure:	1010 mbar								
Test Mode:									
Engineering mode:	Keep the EUT in continuous transmitting by select channel and modulations								
We have verified the construction and function in typical operation. All the test modes were carried out with the EUT in transmitting operation, which was shown in this test report and defined as follows:									
Per-scan all kind of data rate in lowest channel, and found the follow list which it was worst case.									
Mode	Data rate								
802.11a	6 Mbps								
802.11n(HT20)	MCS0								
802.11n(HT40)	MCS0								
Final Test Mode:									
Operation mode:	Keep the EUT in continuous transmitting with modulation								
Mode Test Duty Cycle:									
<table><tr><th>Mode</th><th>Duty Cycle</th></tr><tr><td>802.11a</td><td>0.9645</td></tr><tr><td>802.11n(HT20)</td><td>0.9621</td></tr><tr><td>802.11n(HT40)</td><td>0.9130</td></tr></table>		Mode	Duty Cycle	802.11a	0.9645	802.11n(HT20)	0.9621	802.11n(HT40)	0.9130
Mode	Duty Cycle								
802.11a	0.9645								
802.11n(HT20)	0.9621								
802.11n(HT40)	0.9130								
Test plots as follows:									





4. Test Results and Measurement Data

4.1. AC Conducted Emission

4.1.1. Test Specification

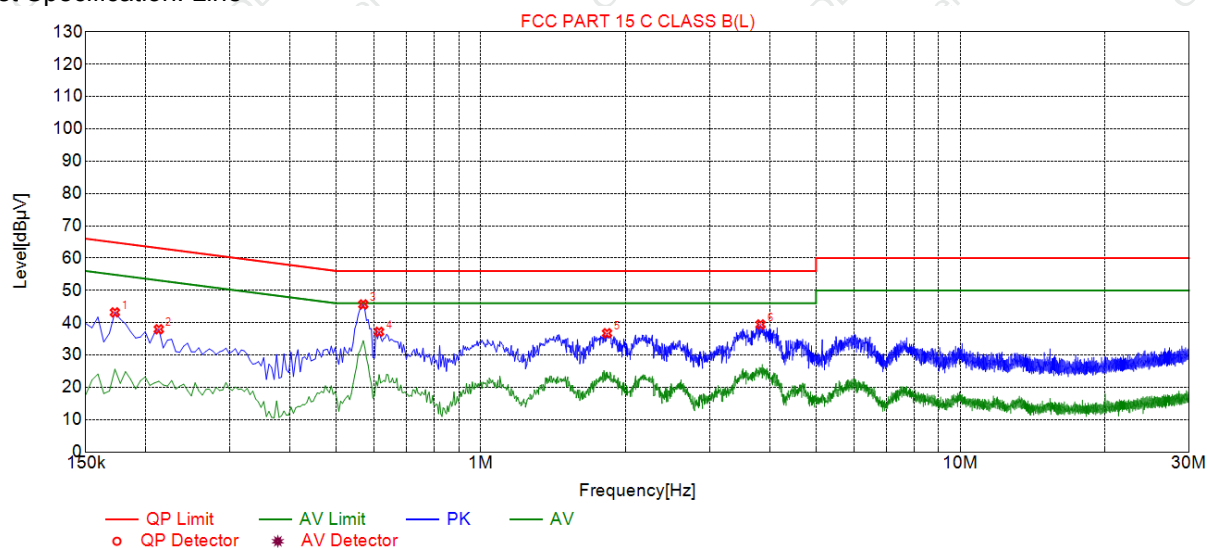
Test Requirement:	FCC Part15 C Section 15.207														
Test Method:	ANSI C63.10: 2020														
Frequency Range:	150 kHz to 30 MHz														
Receiver Setup:	RBW=9 kHz, VBW=30 kHz, Sweep time=auto														
Limits:	<table><tr><th rowspan="2">Frequency range (MHz)</th><th colspan="2">Limit (dBuV)</th></tr><tr><th>Quasi-peak</th><th>Average</th></tr><tr><td>0.15-0.5</td><td>66 to 56*</td><td>56 to 46*</td></tr><tr><td>0.5-5</td><td>56</td><td>46</td></tr><tr><td>5-30</td><td>60</td><td>50</td></tr></table>	Frequency range (MHz)	Limit (dBuV)		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 (dBuV)														
	Quasi-peak	Average													
0.15-0.5	66 to 56*	56 to 46*													
0.5-5	56	46													
5-30	60	50													
Test Setup:	Reference Plane 40cm E.U.T. AC power 80cm LISN Filter AC power Test table/Insulation plane EMI Receiver Remark E.U.T: Equipment Under Test LISN: Line Impedance Stabilization Network Test table height=0.8m														
Test Mode:	Tx Mode														
Test Procedure:	1. The E.U.T and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm/50uH coupling impedance for the measuring equipment. 2. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refer to the block diagram of the test setup and photographs). 3. Both sides of A.C. line are checked for maximum conducted interference. 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: 2020 on conducted measurement.														
Test Result:	PASS														



4.1.2. Test Data

All modes have been tested, only the worst result was reported as below:

Test Specification: Line



Suspected List

NO.	Freq. [MHz]	Level [dBμV]	Factor [dB]	Limit [dBμV]	Margin [dB]	Reading [dBμV]	Detector	Type
1	0.1725	43.20	19.67	64.84	21.64	23.53	PK	L
2	0.2130	37.98	19.85	63.09	25.11	18.13	PK	L
3	0.5685	45.66	19.79	56.00	10.34	25.87	PK	L
4	0.6135	37.18	19.74	56.00	18.82	17.44	PK	L
5	1.8330	36.75	20.09	56.00	19.25	16.66	PK	L
6	3.8310	39.46	20.34	56.00	16.54	19.12	PK	L

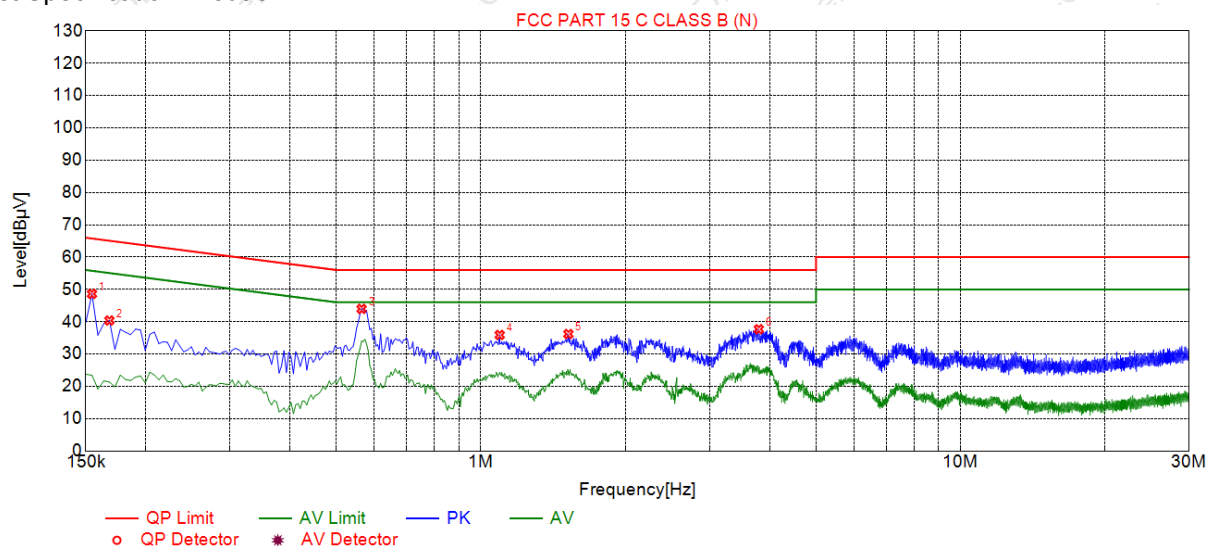
Remark: Margin = Limit – Level

Correction factor = Cable lose + LISN insertion loss

Level=Test receiver reading + correction factor



Test Specification: Neutral



Suspected List

NO.	Freq. [MHz]	Level [dBμV]	Factor [dB]	Limit [dBμV]	Margin [dB]	Reading [dBμV]	Detector	Type
1	0.1545	48.62	19.63	65.75	17.13	28.99	PK	N
2	0.1680	40.38	19.61	65.06	24.68	20.77	PK	N
3	0.5640	43.97	19.76	56.00	12.03	24.21	PK	N
4	1.0950	35.91	19.78	56.00	20.09	16.13	PK	N
5	1.5225	36.20	19.86	56.00	19.80	16.34	PK	N
6	3.7995	37.68	20.14	56.00	18.32	17.54	PK	N

Remark: Margin = Limit – Level

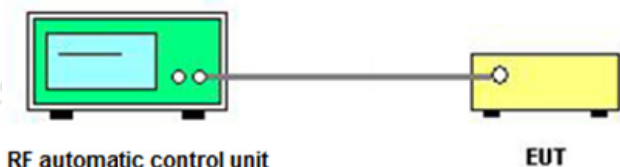
Correction factor = Cable lose + LISN insertion loss

Level=Test receiver reading + correction factor



4.2. Maximum Conducted Output Power

4.2.1. Test Specification

Test Requirement:	FCC Part15 E Section 15.407(a)	
Test Method:	KDB789033 D02 General UNII Test Procedures New Rules v02.r01 Section E	
Limit:	Frequency Band (MHz)	Limit
	5150-5250	250mW for client devices
Test Setup:	 RF automatic control unit EUT	
Test Mode:	Transmitting mode with modulation	
Test Procedure:	1. The testing follows the Measurement Procedure of KDB789033 D02 General UNII Test Procedures New Rules v02r01 Section E, 3, a. 2. The RF output of EUT was connected to the power meter by RF cable. The path loss was compensated to the results for each measurement. 3. Set to the maximum power setting and enable the EUT transmit continuously. 4. Measure the conducted output power and record the results in the test report.	
Test Result:	PASS	
Remark:	Conducted output power= measurement power +10log(1/x) X is duty cycle. During the test, the "duty cycle factor" has already been added to the testing software.	



4.2.2. Test Data

Configuration Band I (5150 - 5250 MHz)				
Mode	Test Channel	Maximum Conducted Output Power (dBm)	FCC Limit (dBm)	Result
802.11a	CH36	3.25	24	PASS
802.11a	CH40	2.77	24	PASS
802.11a	CH48	2.66	24	PASS
802.11n(HT20)	CH36	3.44	24	PASS
802.11n(HT20)	CH40	3.66	24	PASS
802.11n(HT20)	CH48	2.92	24	PASS
802.11n(HT40)	CH38	3.32	24	PASS
802.11n(HT40)	CH46	2.14	24	PASS
Note: 1.The test results including the cable lose.				



4.3. 26dB Bandwidth and 99% Occupied Bandwidth

4.3.1. Test Specification

Test Requirement:	47 CFR Part 15C Section 15.407
Test Method:	KDB789033 D02 General UNII Test Procedures New Rules v02r01 Section C
Limit:	No restriction limits
Test Setup:	 Spectrum Analyzer EUT
Test Mode:	Transmitting mode with modulation
Test Procedure:	1. KDB789033 D02 General UNII Test Procedures New Rules v02r01 Section C. 2. Set to the maximum power setting and enable the EUT transmit continuously. 3. Make the measurement with the spectrum analyzer's resolution bandwidth $RBW = 1\% EBW$, $VBW \geq 3RBW$, In order to make an accurate measurement. 4. Measure and record the results in the test report.
Test Result:	PASS



4.3.2. Test Data

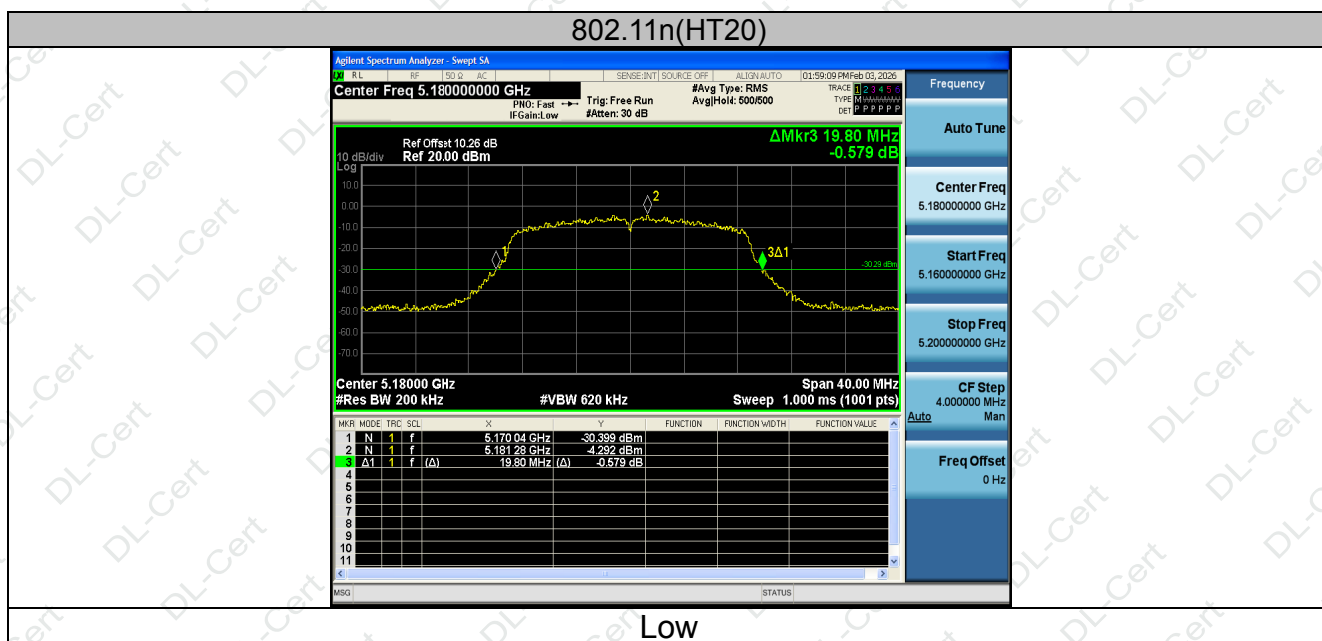
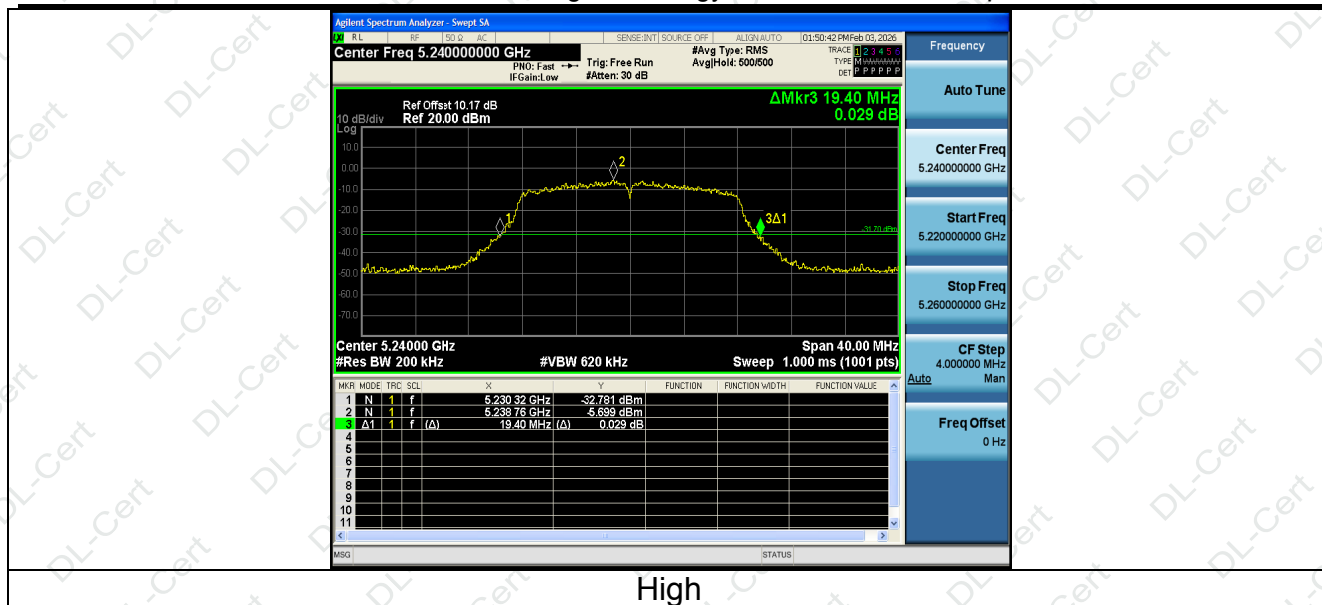
Mode	Test Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	Verdict
802.11a	CH36	5180	19.120	PASS
802.11a	CH40	5200	19.080	PASS
802.11a	CH48	5240	19.400	PASS
802.11n(HT20)	CH36	5180	19.800	PASS
802.11n(HT20)	CH40	5200	19.920	PASS
802.11n(HT20)	CH48	5240	19.960	PASS
802.11n(HT40)	CH38	5190	37.920	PASS
802.11n(HT40)	CH46	5230	38.080	PASS

Test plots as follows:



Band I (5150 – 5250MHz)







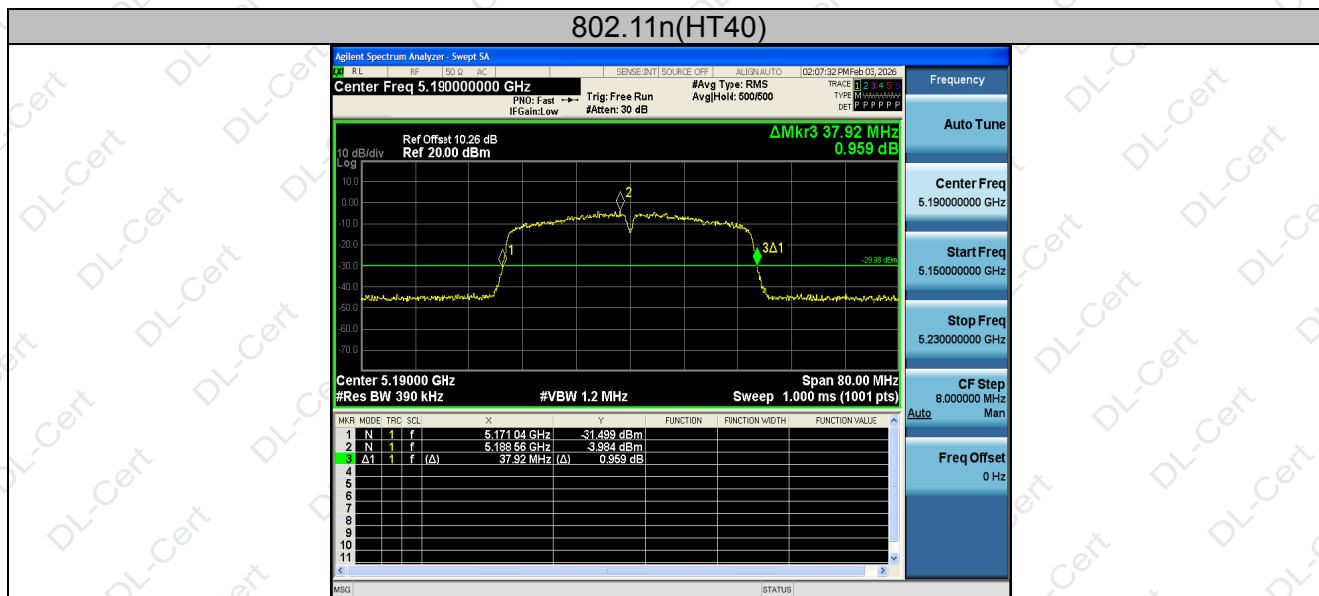
Mid



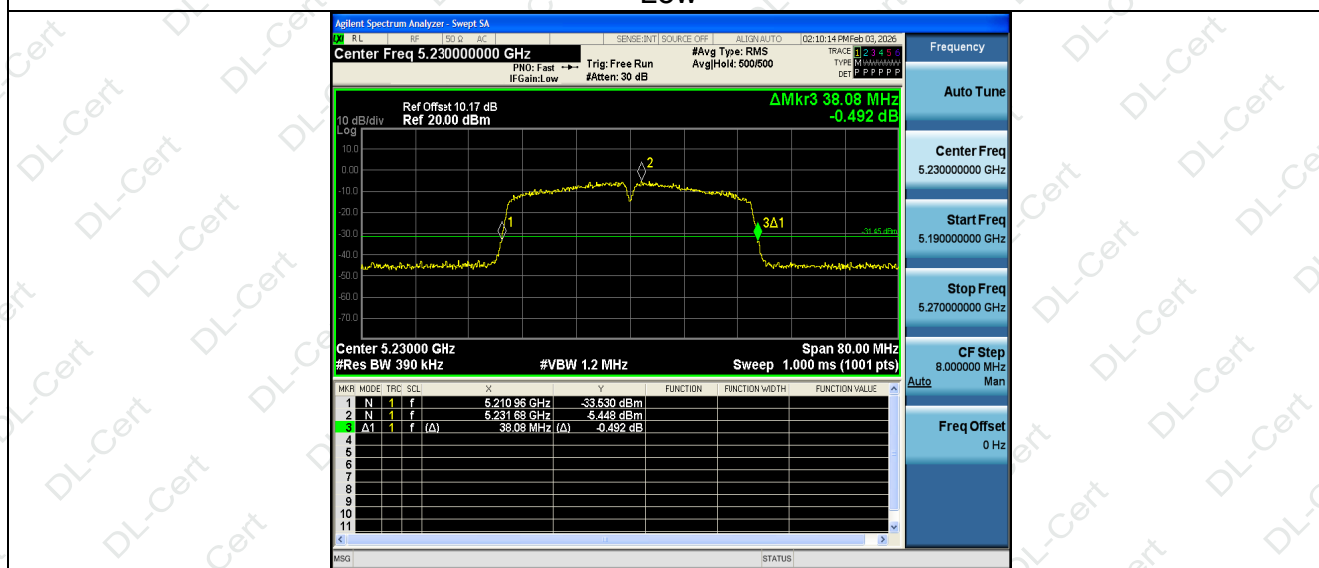
High



802.11n(HT40)



Low



High



4.4. Power Spectral Density

4.4.1. Test Specification

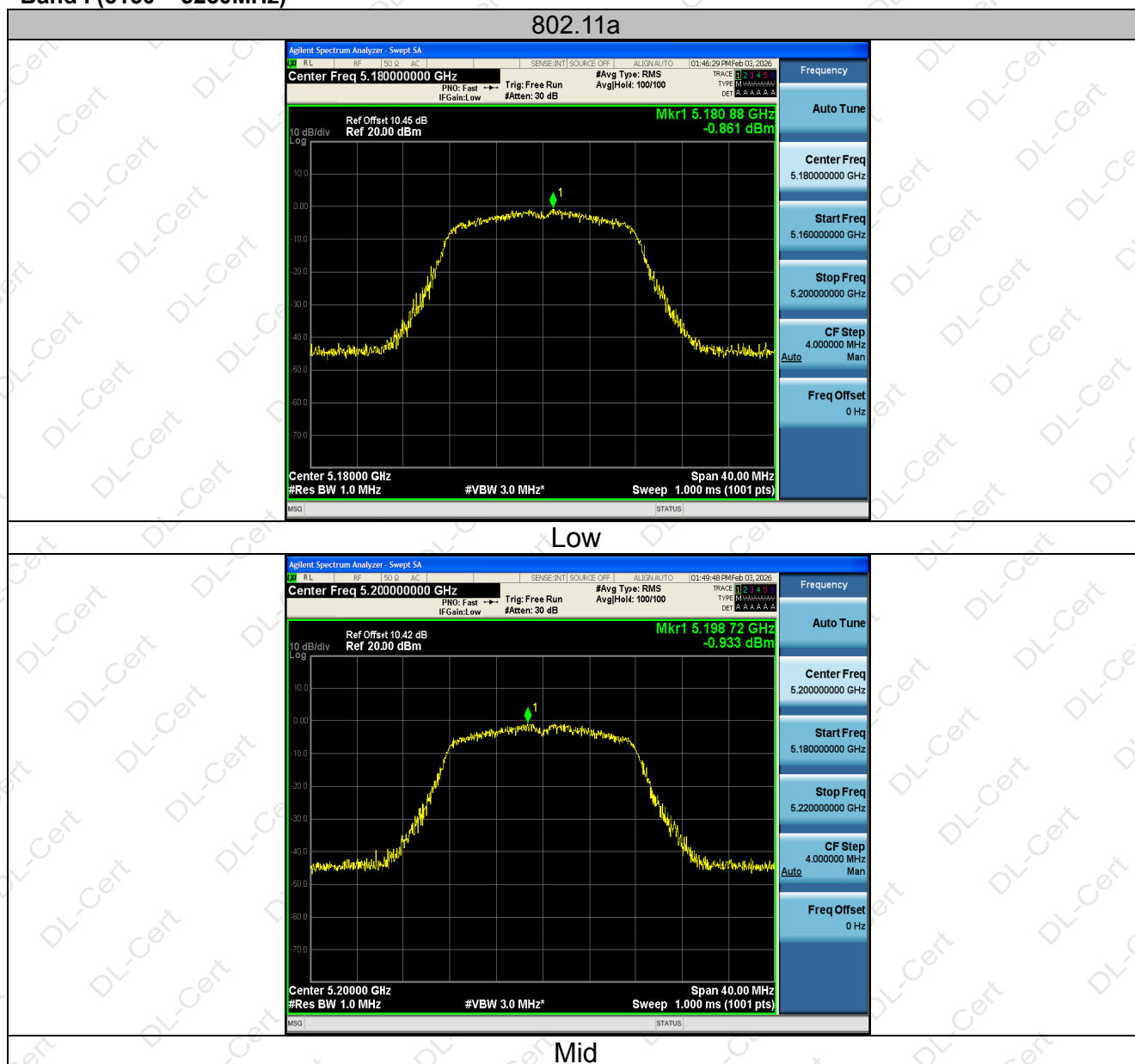
Test Requirement:	FCC Part15 E Section 15.407 (a)
Test Method:	KDB789033 D02 General UNII Test Procedures New Rules v02r01 Section F
Limit:	$\leq 11.00\text{dBm/MHz}$ for Band I 5150MHz-5250MHz
Test Setup:	 The diagram illustrates the test setup. On the left is a green rectangular box labeled 'Spectrum Analyzer'. A black cable connects it to a yellow rectangular box on the right labeled 'EUT' (Equipment Under Test).
Test Mode:	Transmitting mode with modulation
Test Procedure:	1. Set the spectrum analyzer or EMI receiver span to view the entire emission bandwidth. 2. Set RBW = 1 MHz, VBW $\geq 3 \times$ RBW, Sweep time = Auto, Detector = RMS. 3. Allow the sweeps to continue until the trace stabilizes. 4. Use the peak marker function to determine the maximum amplitude level. 5. The E.I.R.P spectral density used radiated test method. At a test site that has been validated using the procedures of ANSI C63.4 or the latest CISPR 16-1-4 for measurements above 1 GHz, so as to simulate a near free-space environment.
Test Result:	PASS
Remark:	During the test, the "duty cycle factor" has already been added to the testing software.

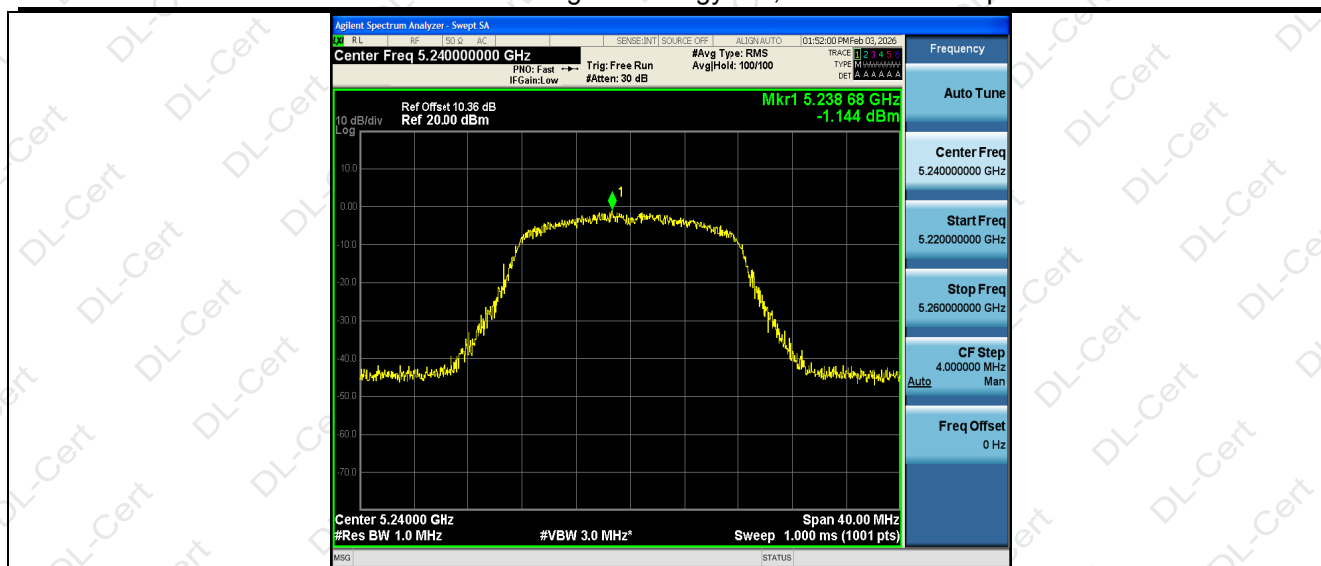


4.4.2. Test Data

Mode	Test Channel	Level [dBm/MHz]	Limit (dBm/MHz)	Result
802.11a	CH36	-0.86	11	PASS
802.11a	CH40	-0.93	11	PASS
802.11a	CH48	-1.14	11	PASS
802.11n(HT20)	CH36	-0.05	11	PASS
802.11n(HT20)	CH40	0.09	11	PASS
802.11n(HT20)	CH48	-1.03	11	PASS
802.11n(HT40)	CH38	-2.49	11	PASS
802.11n(HT40)	CH46	-3.52	11	PASS

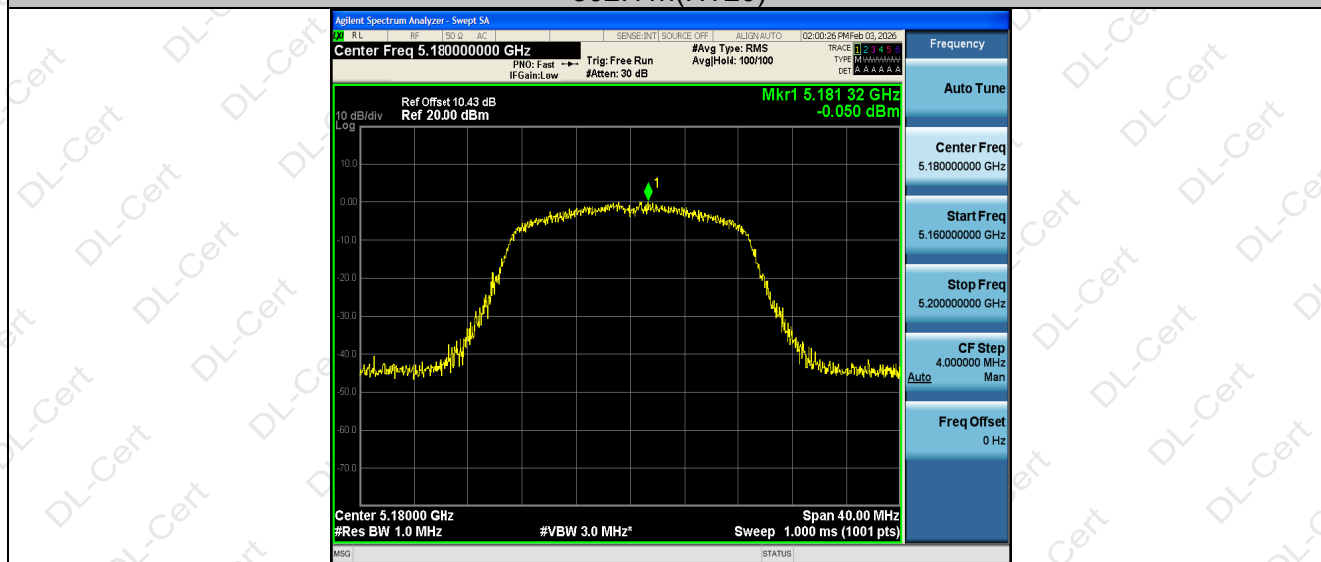
Note: Instrument attenuation and cable loss See test diagram

**Test plots as follows:
Band I (5150 – 5250MHz)**

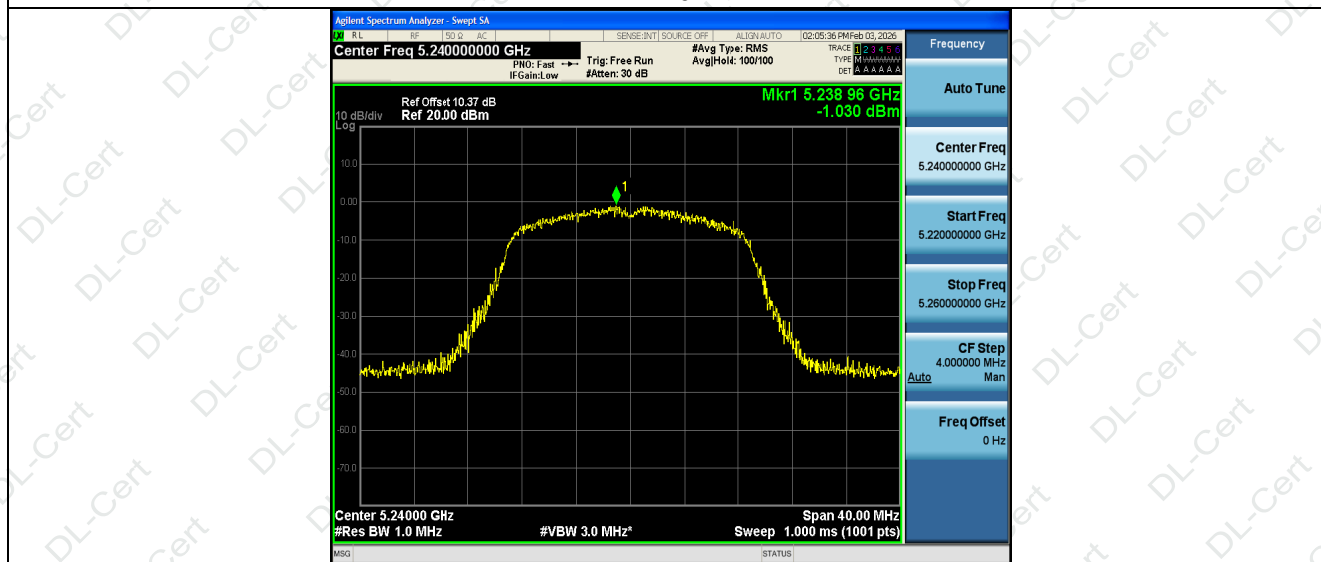
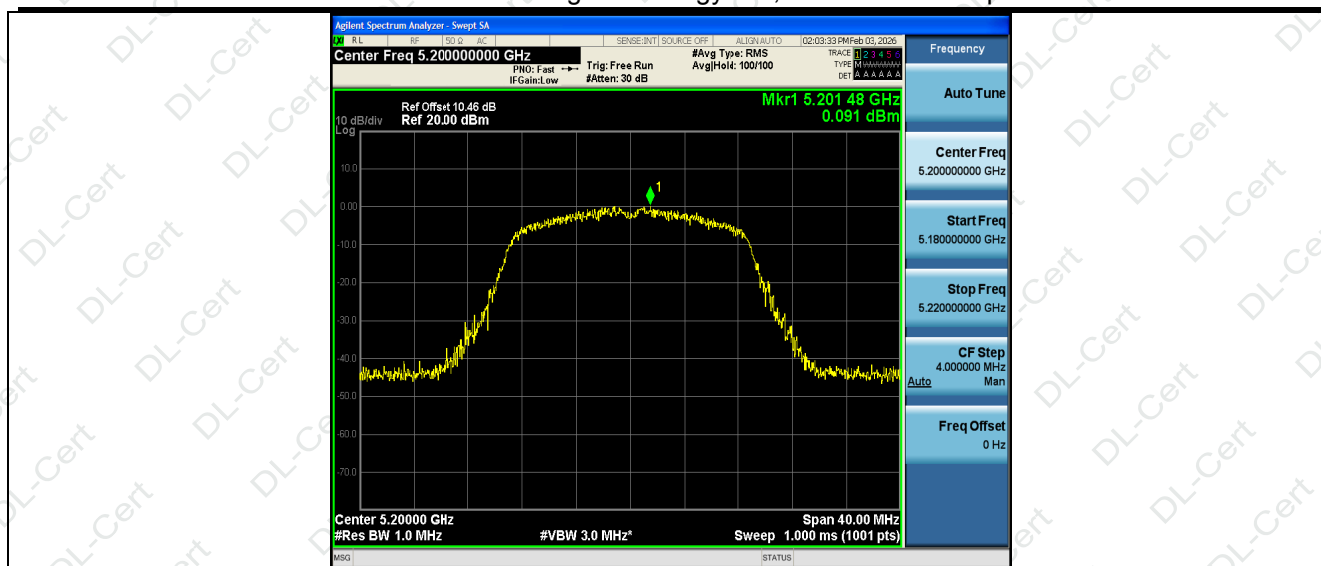


High

802.11n(HT20)

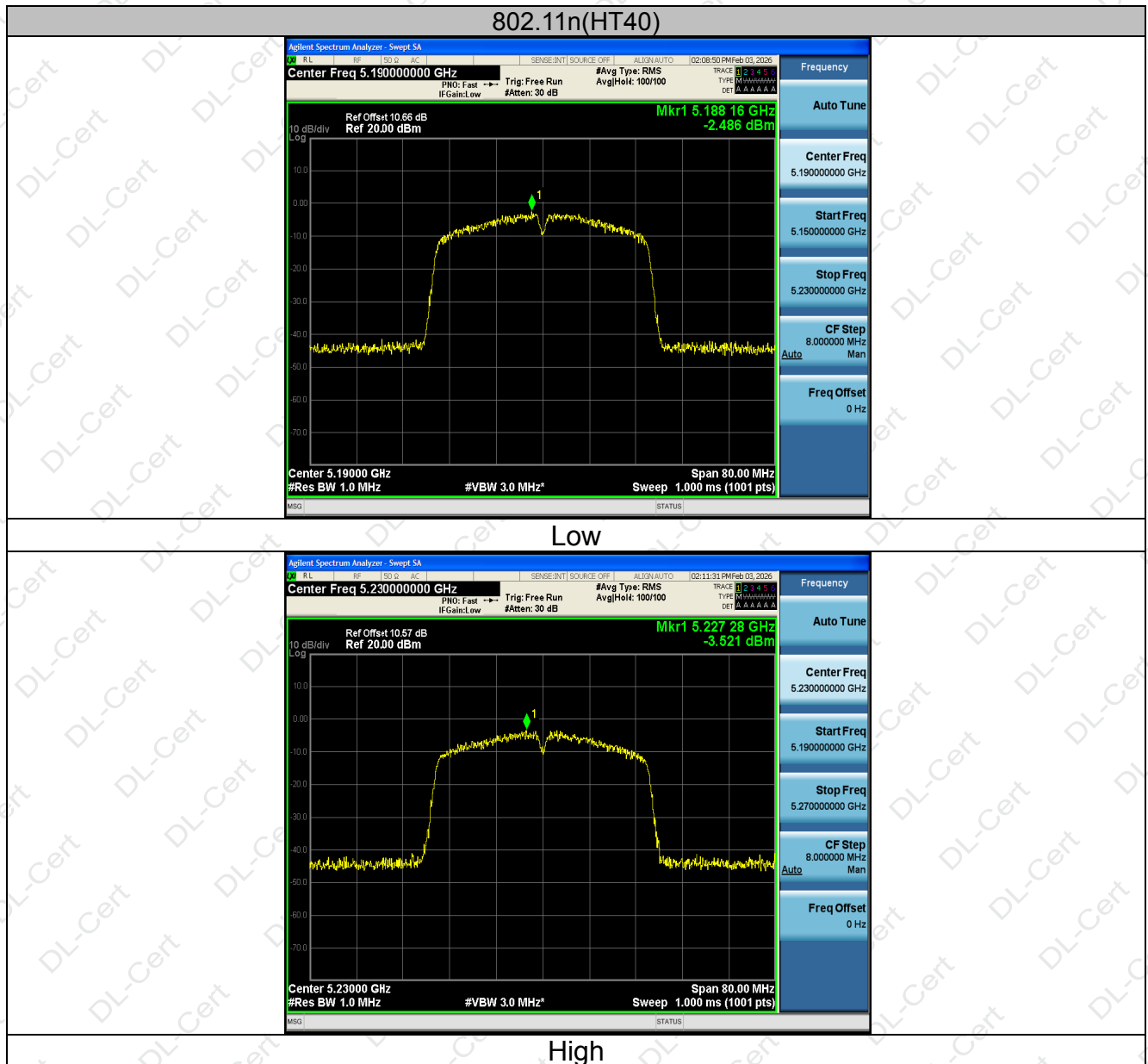


Low





802.11n(HT40)





4.5. Spurious Emission

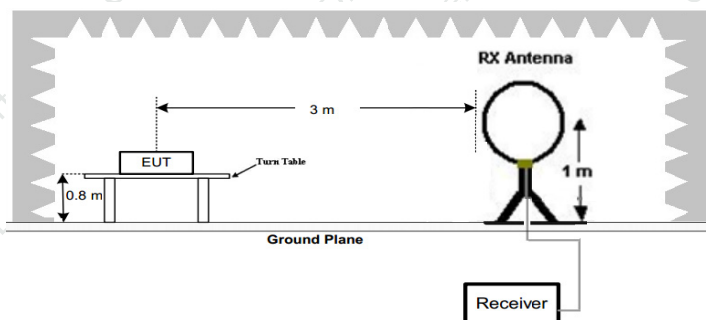
4.5.1. Test Specification

Test Requirement:	FCC CFR47 Part 15 Section 15.407				
Test Method:	KDB 789033 D02 v02r01				
Frequency Range:	9kHz to 40GHz				
Measurement Distance:	3 m				
Antenna Polarization:	Horizontal & Vertical				
Operation mode:	Transmitting mode with modulation				
Receiver Setup:	Frequency	Detector	RBW	VBW	Remark
	9kHz- 150kHz	Quasi-peak	200Hz	1kHz	Quasi-peak Value
	150kHz- 30MHz	Quasi-peak	9kHz	30kHz	Quasi-peak Value
	30MHz-1GHz	Quasi-peak	120KHz	300KHz	Quasi-peak Value
	Above 1GHz	Peak	1MHz	3MHz	Peak Value
		Peak	1MHz	10Hz	Average Value
Limit:	(1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz. (i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge. The limit of frequency below 1GHz and which fall in restricted bands should comply 15.209.				

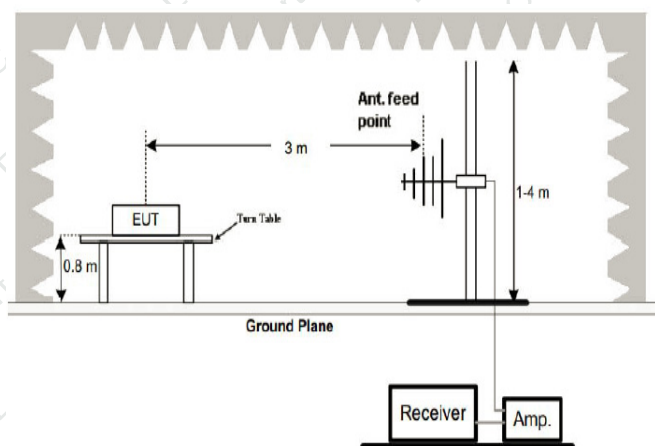


Test setup:

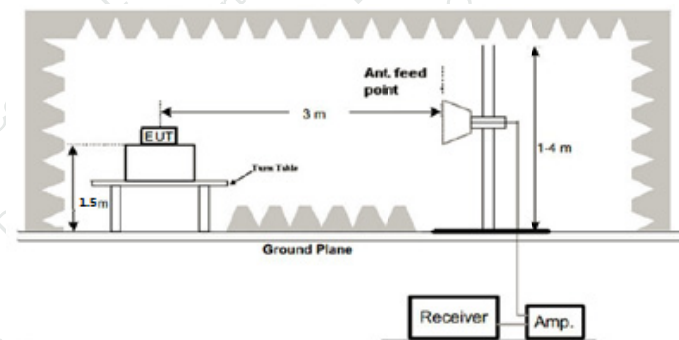
For radiated emissions below 30MHz



30MHz to 1GHz



Above 1GHz



**Test Procedure:**

1. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter camber. The table was rotated 360 degrees to determine the position of the highest radiation.
2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
3. 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.
4. 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.
5. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
6. 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.

Test Results:

PASS

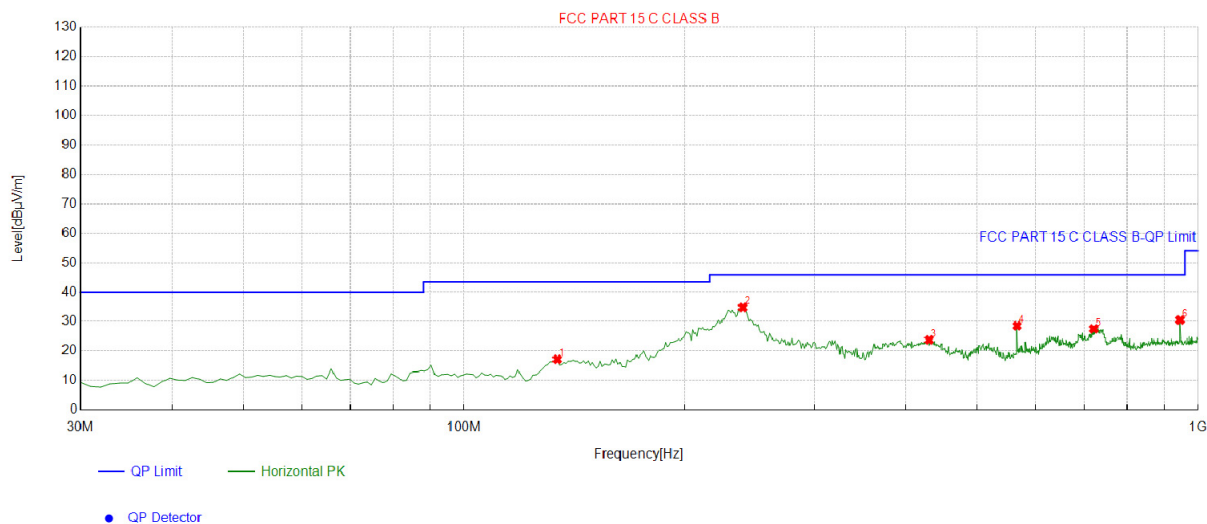


4.5.2. Test Data

Below 1GHz Test Results

All the test modes completed for test. Only the worst result was reported as below:

Antenna polarity: Horizontal

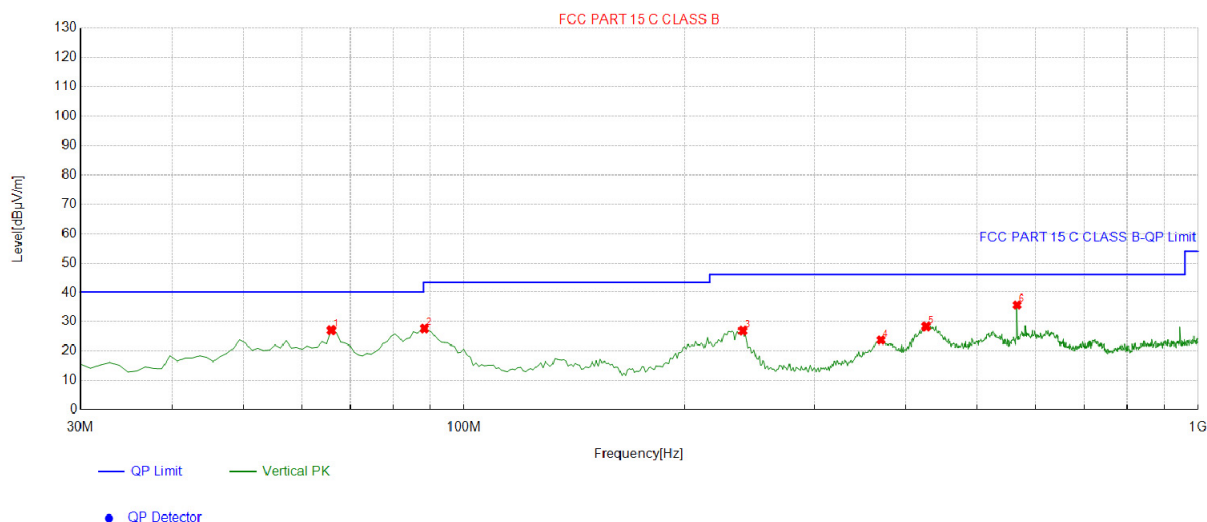


Suspected List									
NO.	Freq. [MHz]	Factor [dB]	Reading [dBμV/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	133.8939	-17.40	34.61	17.21	43.50	26.29	100	189	Horizontal
2	239.7297	-13.71	48.53	34.82	46.00	11.18	100	196	Horizontal
3	430.0400	-8.72	32.52	23.80	46.00	22.20	100	64	Horizontal
4	566.9469	-6.08	34.67	28.59	46.00	17.41	100	99	Horizontal
5	721.3313	-4.21	31.78	27.57	46.00	18.43	100	300	Horizontal
6	945.6256	-0.53	31.11	30.58	46.00	15.42	100	89	Horizontal

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Limit – Level



Antenna polarity: Vertical



Suspected List									
NO.	Freq. [MHz]	Factor [dB]	Reading [dBμV/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	65.9259	-15.95	43.07	27.12	40.00	12.88	100	23	Vertical
2	88.2583	-17.03	44.70	27.67	43.50	15.83	100	172	Vertical
3	239.7297	-13.71	40.67	26.96	46.00	19.04	100	307	Vertical
4	369.8398	-9.93	33.70	23.77	46.00	22.23	100	194	Vertical
5	426.1562	-8.81	37.21	28.40	46.00	17.60	100	190	Vertical
6	566.9469	-6.08	41.72	35.64	46.00	10.36	100	176	Vertical

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Limit – Level

Harmonics and Spurious Emissions Frequency Range (9kHz-30MHz)

Frequency (MHz)	Level@3m (dBμV/m)	Limit@3m (dBμV/m)
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Note: 1. Emission Level = Reading + Cable loss - Antenna factor - Amp factor.

2. The emission levels are 20 dB below the limit value, which are not reported. It is deemed to comply with the requirement.

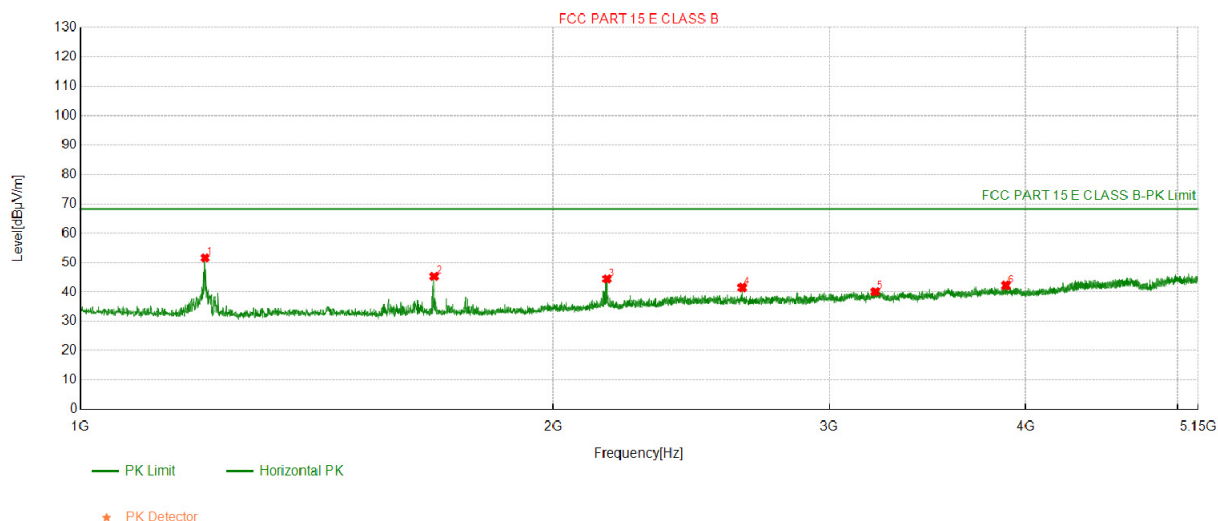


Above 1GHz Test Results

All the test modes completed for test. Only the worst result was reported as below:

For 1GHz to 5.15GHz

Antenna polarity: Horizontal

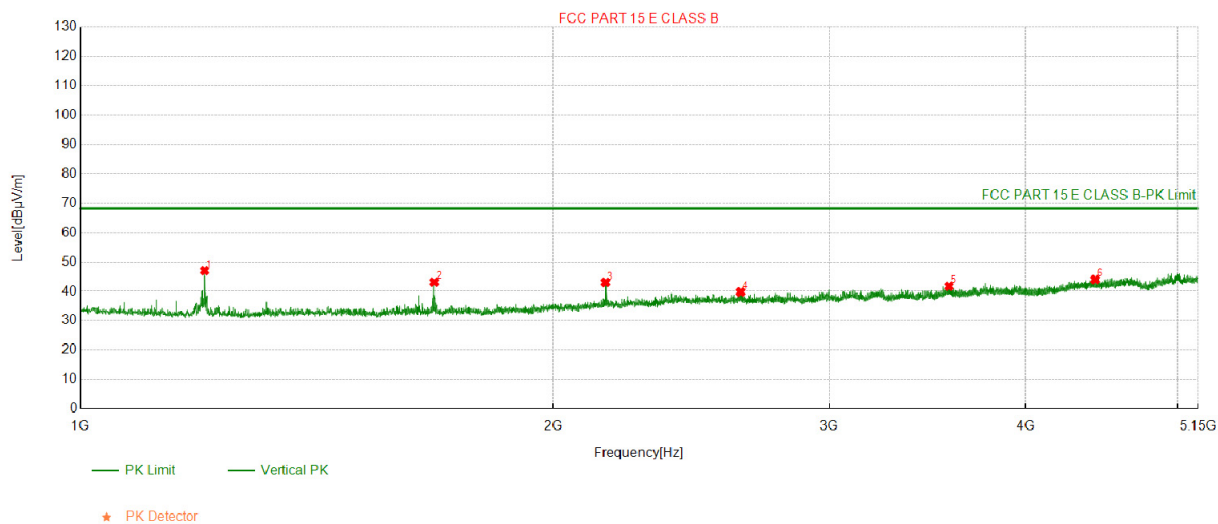


Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	PK Level [dBμV/m]	Factor [dB]	PK Limit [dBμV/m]	PK Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1200.465	71.08	51.61	-19.47	68.20	16.59	150	359	Horizontal
2	1679.838	63.87	45.30	-18.57	68.20	22.90	150	57	Horizontal
3	2164.606	60.40	44.40	-16.00	68.20	23.80	150	125	Horizontal
4	2639.829	56.14	41.49	-14.65	68.20	26.71	150	129	Horizontal
5	3208.435	53.00	40.11	-12.89	68.20	28.09	150	348	Horizontal
6	3885.368	52.24	42.20	-10.04	68.20	26.00	150	339	Horizontal

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Limit – Level



Antenna polarity: Vertical



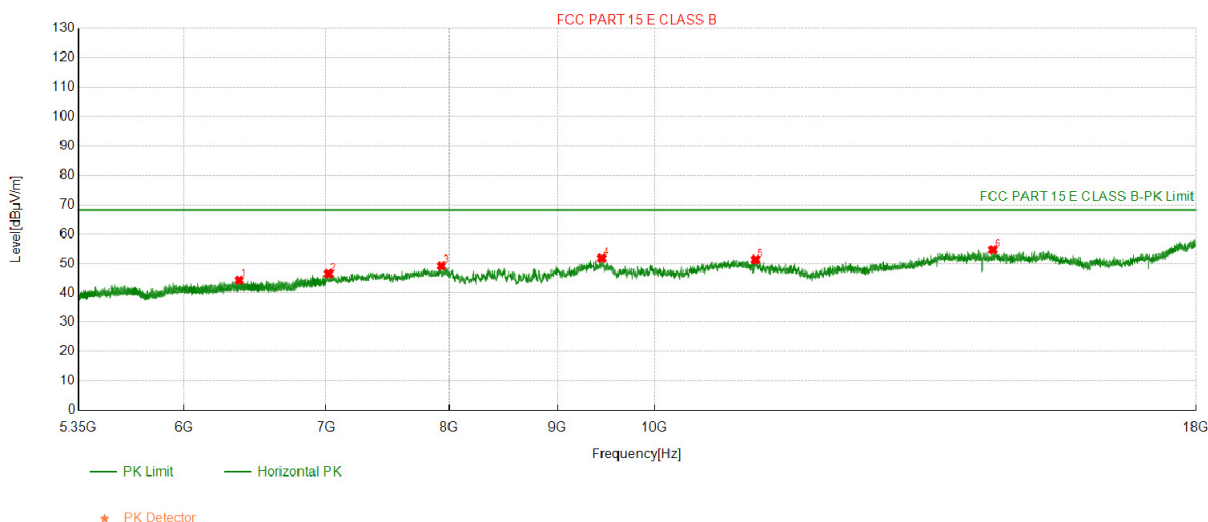
Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	PK Level [dBμV/m]	Factor [dB]	PK Limit [dBμV/m]	PK Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1199.635	66.49	47.02	-19.47	68.20	21.18	150	144	Vertical
2	1680.253	61.71	43.14	-18.57	68.20	25.06	150	74	Vertical
3	2160.041	59.11	43.06	-16.05	68.20	25.14	150	101	Vertical
4	2633.603	54.44	39.80	-14.64	68.20	28.40	150	148	Vertical
5	3574.917	53.22	41.71	-11.51	68.20	26.49	150	120	Vertical
6	4429.487	51.90	44.01	-7.89	68.20	24.19	150	298	Vertical

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Limit – Level



For 5.35GHz to 18GHz

Antenna polarity: Horizontal

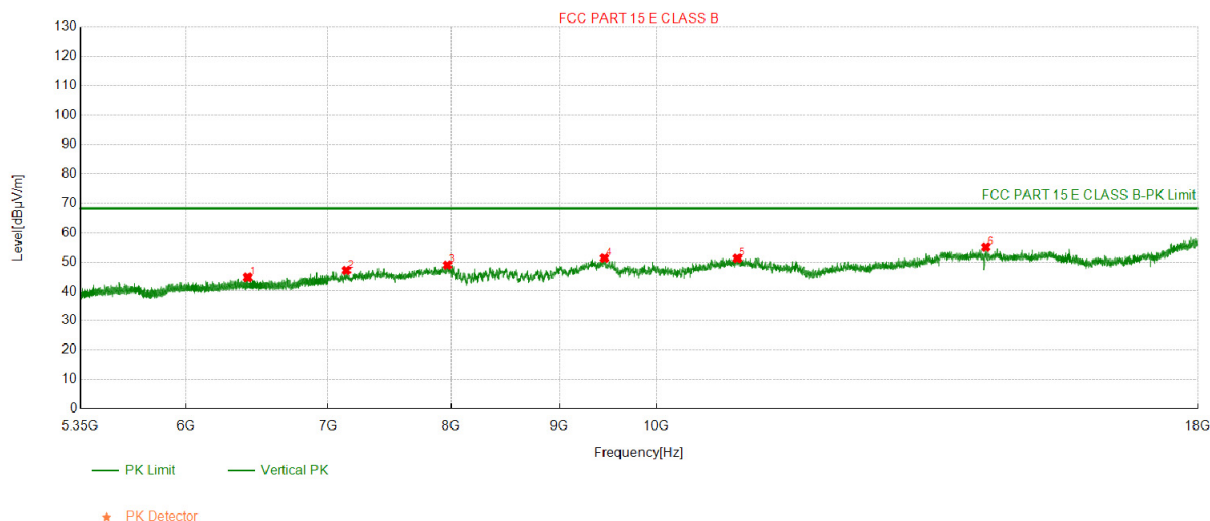


Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	PK Level [dBμV/m]	Factor [dB]	PK Limit [dBμV/m]	PK Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6370.462	51.53	44.27	-7.26	68.20	23.93	150	185	Horizontal
2	7018.701	50.51	46.49	-4.02	68.20	21.71	150	154	Horizontal
3	7933.993	51.21	49.12	-2.09	68.20	19.08	150	172	Horizontal
4	9443.344	51.39	51.77	0.38	68.20	16.43	150	242	Horizontal
5	11159.51	49.11	51.29	2.18	68.20	16.91	150	252	Horizontal
6	14438.94	48.58	54.58	6.00	68.20	13.62	150	307	Horizontal

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Limit – Level



Antenna polarity: Vertical



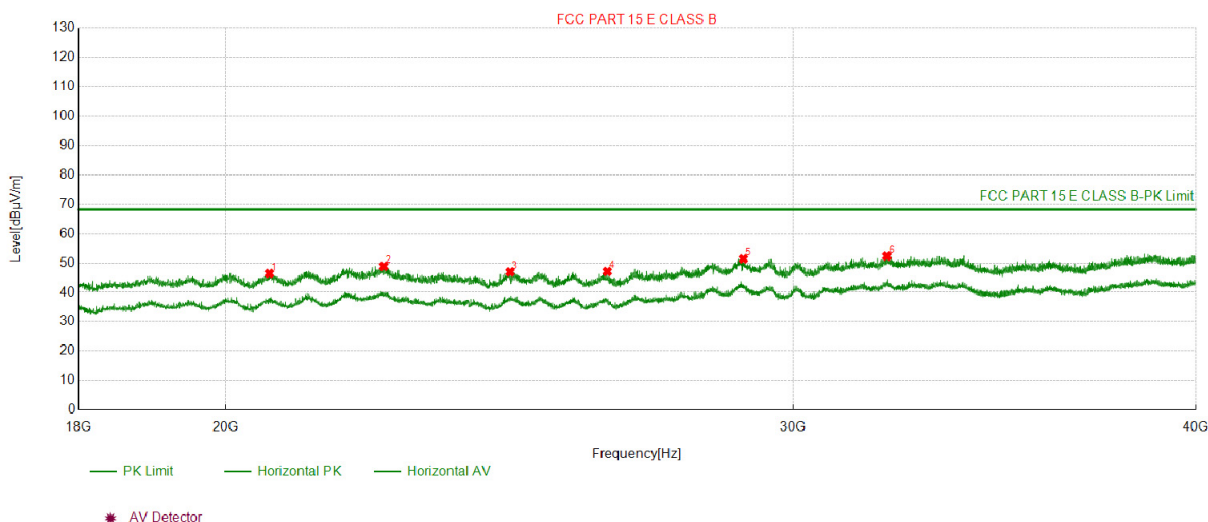
Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	PK Level [dBμV/m]	Factor [dB]	PK Limit [dBμV/m]	PK Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6414.686	51.91	44.76	-7.15	68.20	23.44	150	126	Vertical
2	7140.814	51.15	47.06	-4.09	68.20	21.14	150	63	Vertical
3	7969.196	50.64	48.94	-1.70	68.20	19.26	150	8	Vertical
4	9449.945	50.90	51.32	0.42	68.20	16.88	150	4	Vertical
5	10917.49	49.47	51.25	1.78	68.20	16.95	150	166	Vertical
6	14297.02	49.34	55.08	5.74	68.20	13.12	150	349	Vertical

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor;
Margin = Limit – Level



For 18GHz to 40GHz

Antenna polarity: Horizontal

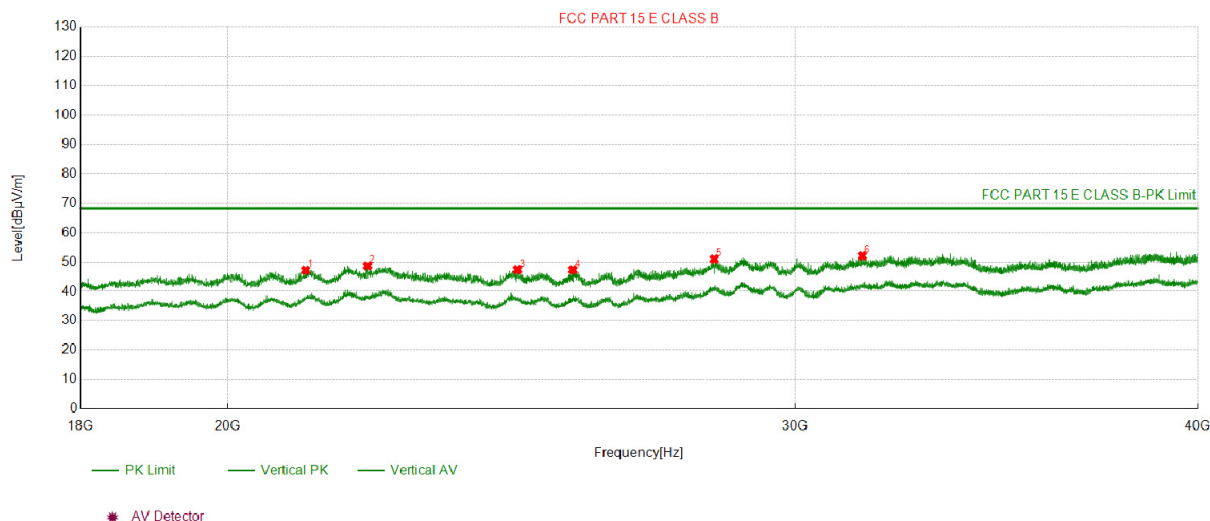


Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	PK Level [dBμV/m]	Factor [dB]	PK Limit [dBμV/m]	PK Margin [dB]	Height [cm]	Angle [°]	Polarity
1	20631.46	40.61	46.45	5.84	68.20	21.75	150	270	Horizontal
2	22387.23	43.17	48.86	5.69	68.20	19.34	150	200	Horizontal
3	24503.85	41.23	46.96	5.73	68.20	21.24	150	90	Horizontal
4	26264.02	40.28	47.11	6.83	68.20	21.09	150	30	Horizontal
5	28946.09	42.40	51.40	9.00	68.20	16.80	150	360	Horizontal
6	32074.80	42.51	52.35	9.84	68.20	15.85	150	160	Horizontal

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Limit – Level



Antenna polarity: Vertical



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	PK Level [dBμV/m]	Factor [dB]	PK Limit [dBμV/m]	PK Margin [dB]	Height [cm]	Angle [°]	Polarity
1	21141.91	41.82	47.13	5.31	68.20	21.07	150	100	Vertical
2	22099.00	42.91	48.65	5.74	68.20	19.55	150	30	Vertical
3	24596.25	41.48	47.34	5.86	68.20	20.86	150	30	Vertical
4	25590.75	41.04	47.27	6.23	68.20	20.93	150	280	Vertical
5	28310.23	42.31	50.96	8.65	68.20	17.24	150	320	Vertical
6	31469.74	42.11	52.09	9.98	68.20	16.11	150	10	Vertical

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Limit – Level