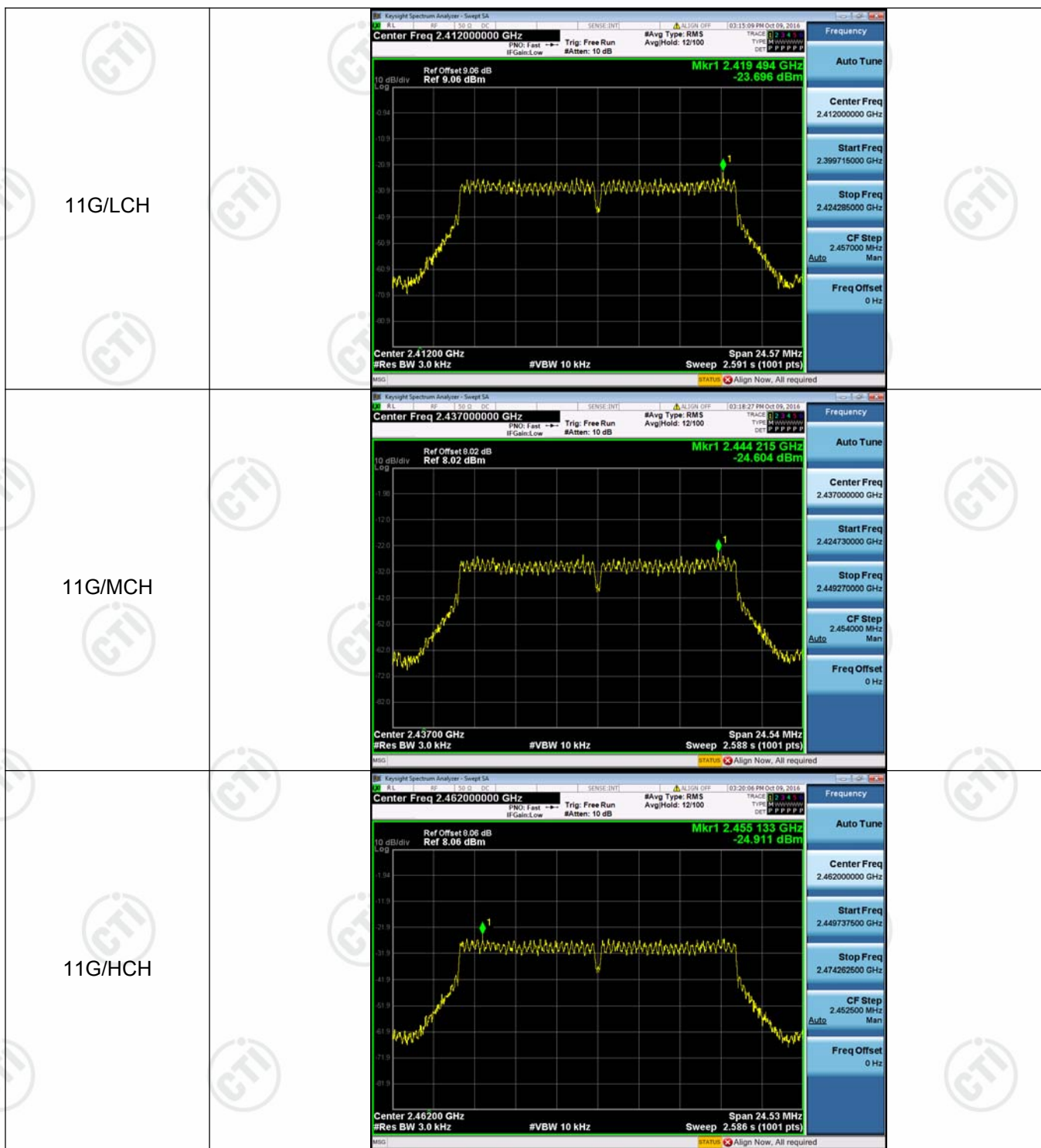


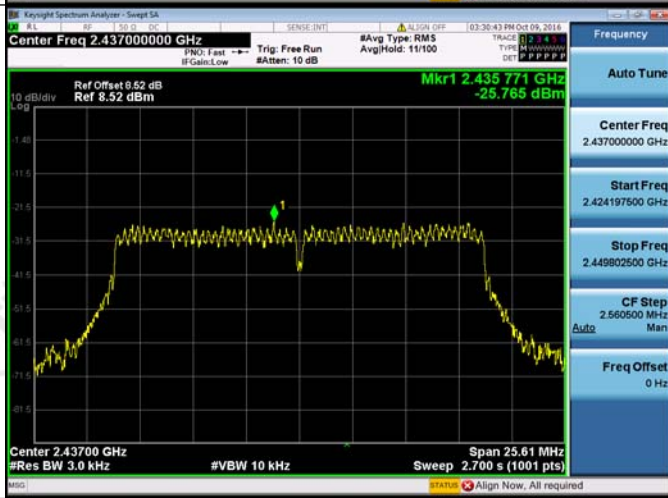
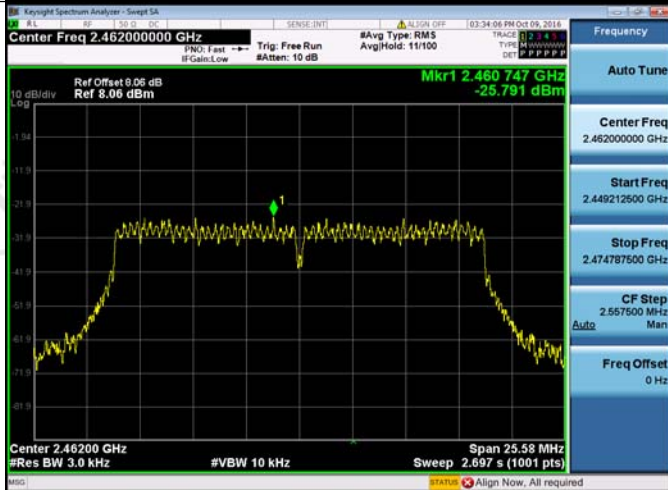
Appendix E): Power Spectral Density Result Table

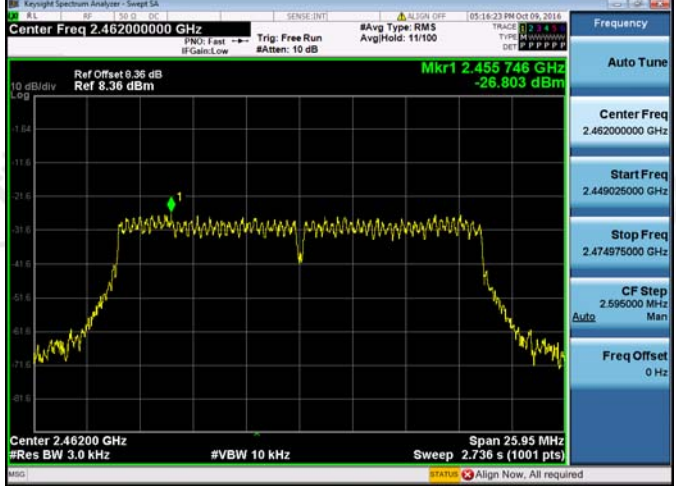
Mode	Antenna	Channel	Power Spectral Density [dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	LCH	-17.804	8	PASS
11B	Ant2	LCH	-19.737	8	PASS
11B	Ant1	MCH	-19.590	8	PASS
11B	Ant2	MCH	-19.130	8	PASS
11B	Ant1	HCH	-19.274	8	PASS
11B	Ant2	HCH	-18.547	8	PASS
11G	Ant1	LCH	-23.696	8	PASS
11G	Ant2	LCH	-25.774	8	PASS
11G	Ant1	MCH	-24.604	8	PASS
11G	Ant2	MCH	-25.616	8	PASS
11G	Ant1	HCH	-24.911	8	PASS
11G	Ant2	HCH	-24.767	8	PASS
11N20SISO	Ant1	LCH	-25.410	8	PASS
11N20SISO	Ant2	LCH	-25.369	8	PASS
11N20SISO	Ant1	MCH	-25.765	8	PASS
11N20SISO	Ant2	MCH	-25.990	8	PASS
11N20SISO	Ant1	HCH	-25.791	8	PASS
11N20SISO	Ant2	HCH	-24.811	8	PASS
11N20MIMO	Ant1	LCH	-27.135	8	PASS
11N20MIMO	Ant2	LCH	-26.537	8	PASS
11N20MIMO	Ant1+2	LCH	-23.82	8	PASS
11N20MIMO	Ant1	MCH	-26.404	8	PASS
11N20MIMO	Ant2	MCH	-26.323	8	PASS
11N20MIMO	Ant1+2	MCH	-23.35	8	PASS
11N20MIMO	Ant1	HCH	-26.803	8	PASS
11N20MIMO	Ant2	HCH	-27.039	8	PASS
11N20MIMO	Ant1+2	HCH	-23.91	8	PASS
11N40SISO	Ant1	LCH	-28.121	8	PASS
11N40SISO	Ant2	LCH	-29.818	8	PASS
11N40SISO	Ant1	MCH	-28.701	8	PASS
11N40SISO	Ant2	MCH	-29.677	8	PASS
11N40SISO	Ant1	HCH	-29.152	8	PASS
11N40SISO	Ant2	HCH	-28.914	8	PASS
11N40MIMO	Ant1	LCH	-29.199	8	PASS
11N40MIMO	Ant2	LCH	-28.958	8	PASS
11N40MIMO	Ant1+2	LCH	-26.07	8	PASS
11N40MIMO	Ant1	MCH	-28.645	8	PASS
11N40MIMO	Ant2	MCH	-28.983	8	PASS
11N40MIMO	Ant1+2	MCH	-25.80	8	PASS
11N40MIMO	Ant1	HCH	-28.635	8	PASS
11N40MIMO	Ant2	HCH	-29.447	8	PASS
11N40MIMO	Ant1+2	HCH	-26.01	8	PASS

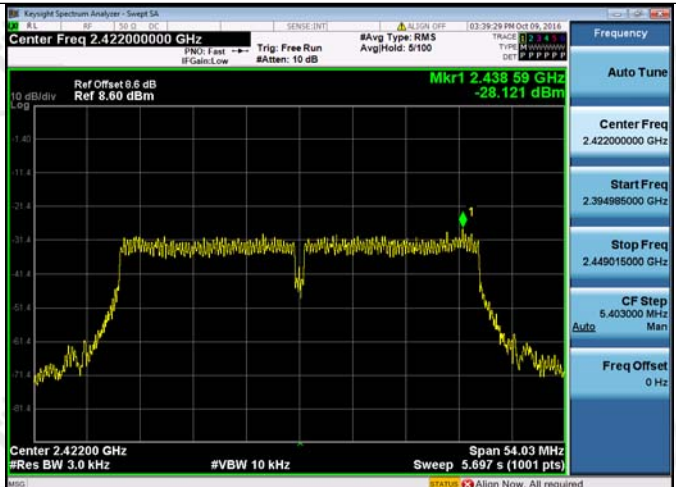
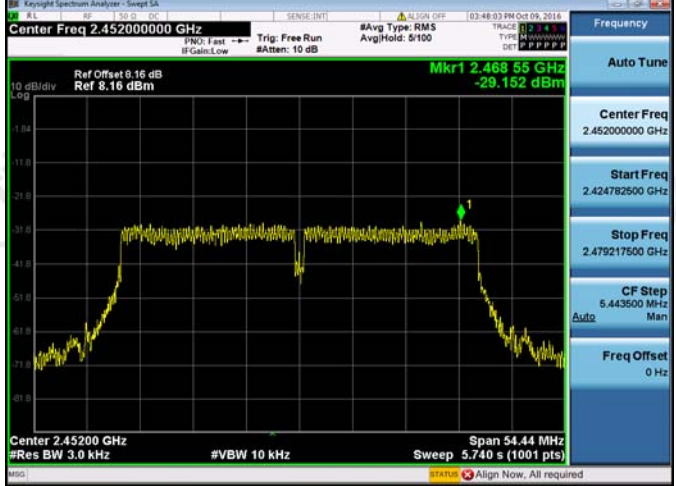
Test Graph

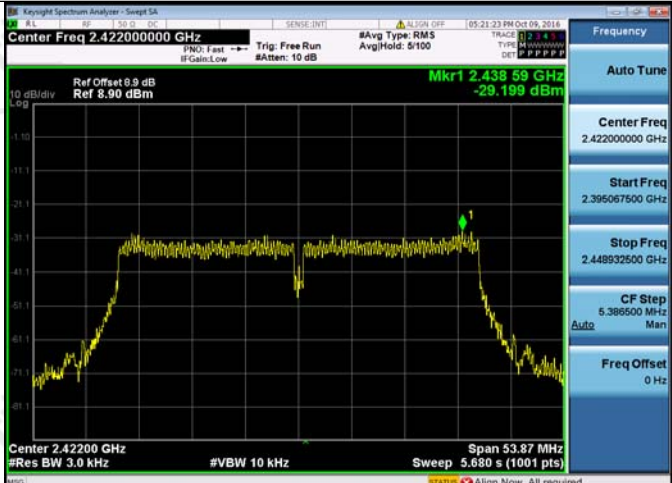
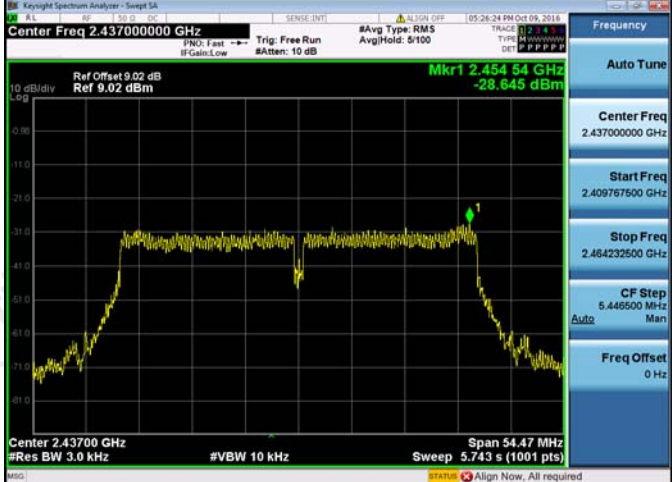
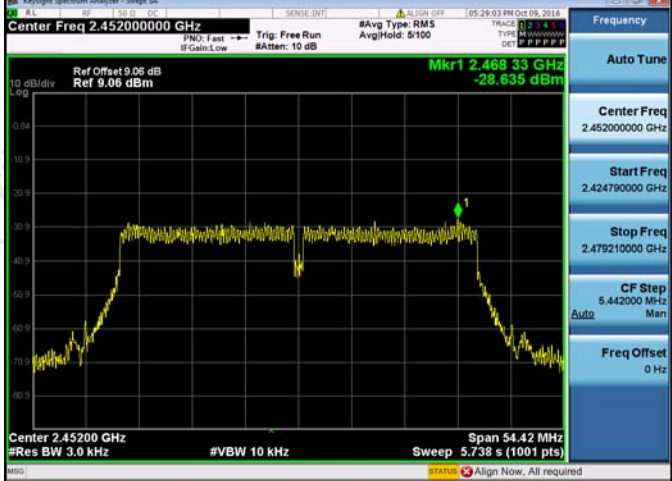




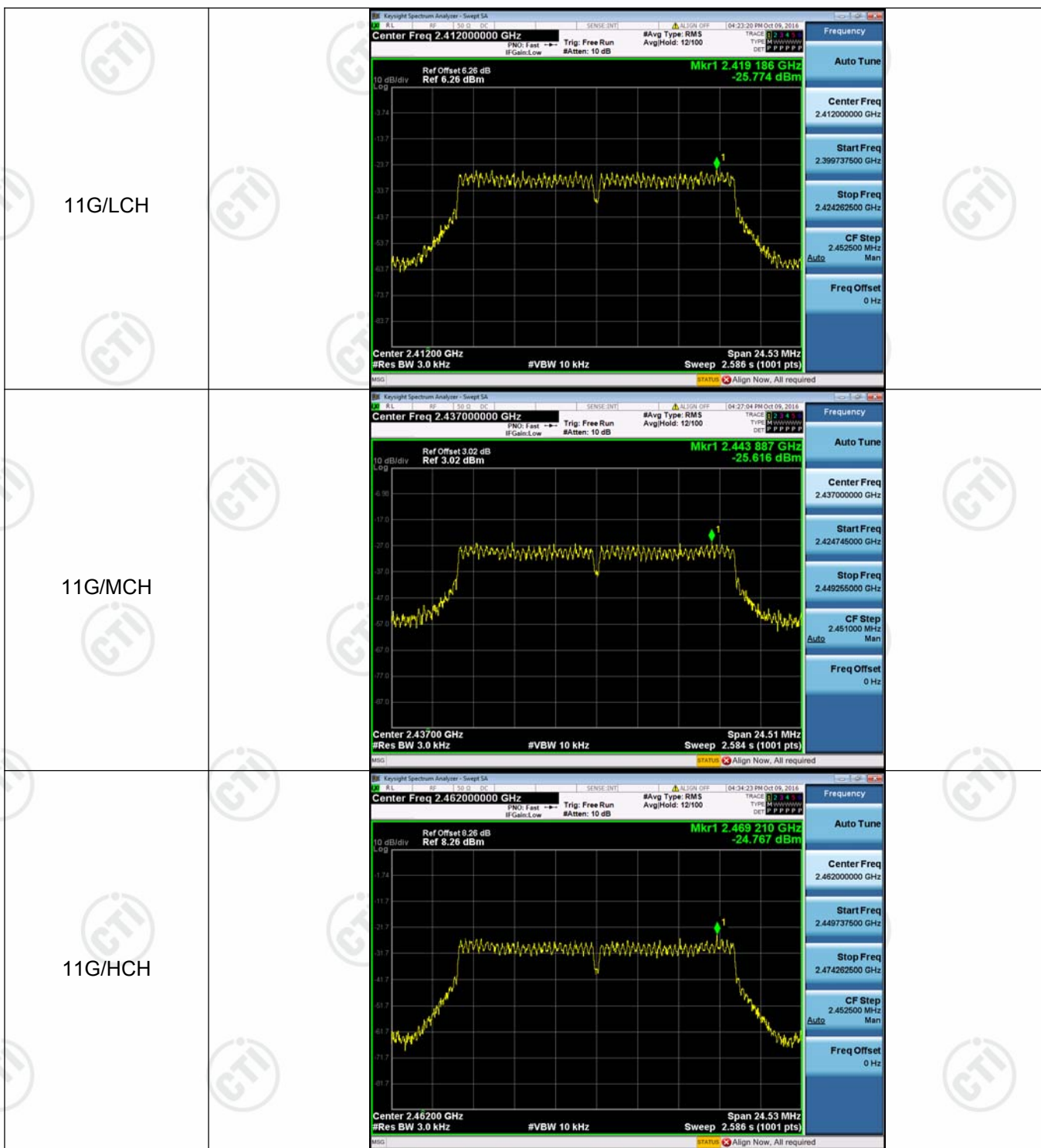
11N20SISO/LCH	 Key: Knight Spectrum Analyzer - Sweep SA Center Freq 2.41200000 GHz Ref Offset 9.16 dB Ref 9.16 dBm Mkr1 2.404 505 GHz -25.410 dBm Center 2.41200 GHz #Res BW 3.0 kHz #VBW 10 kHz Span 25.94 MHz Sweep 2.735 s (1001 pts) Frequency Auto Tune Center Freq 2.41200000 GHz Start Freq 2.399032500 GHz Stop Freq 2.424967500 GHz CF Step 2.593500 MHz Auto Freq Offset 0 Hz
11N20SISO/MCH	 Key: Knight Spectrum Analyzer - Sweep SA Center Freq 2.43700000 GHz Ref Offset 8.52 dB Ref 8.52 dBm Mkr1 2.435 771 GHz -25.765 dBm Center 2.43700 GHz #Res BW 3.0 kHz #VBW 10 kHz Span 25.61 MHz Sweep 2.700 s (1001 pts) Frequency Auto Tune Center Freq 2.43700000 GHz Start Freq 2.424197500 GHz Stop Freq 2.449802500 GHz CF Step 2.560500 MHz Auto Freq Offset 0 Hz
11N20SISO/HCH	 Key: Knight Spectrum Analyzer - Sweep SA Center Freq 2.46200000 GHz Ref Offset 8.06 dB Ref 8.06 dBm Mkr1 2.460 747 GHz -25.791 dBm Center 2.46200 GHz #Res BW 3.0 kHz #VBW 10 kHz Span 25.58 MHz Sweep 2.697 s (1001 pts) Frequency Auto Tune Center Freq 2.46200000 GHz Start Freq 2.449212500 GHz Stop Freq 2.474787500 GHz CF Step 2.557500 MHz Auto Freq Offset 0 Hz

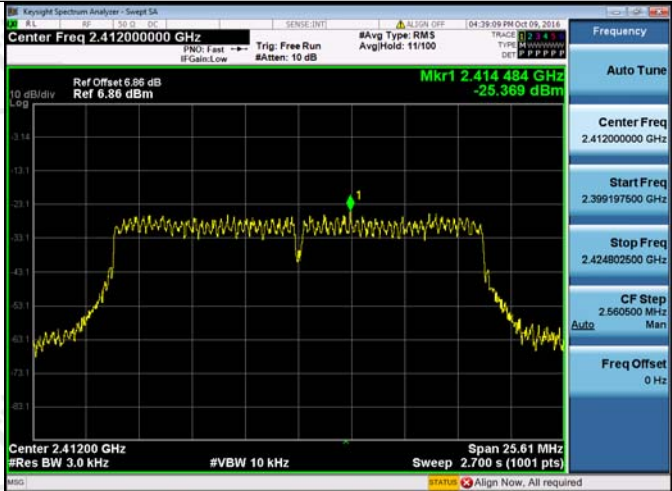
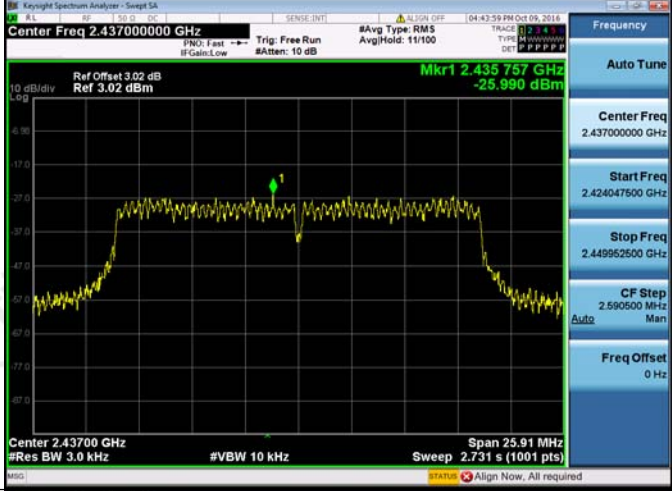
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11N20MIMO/MCH	
11N20MIMO/HCH	

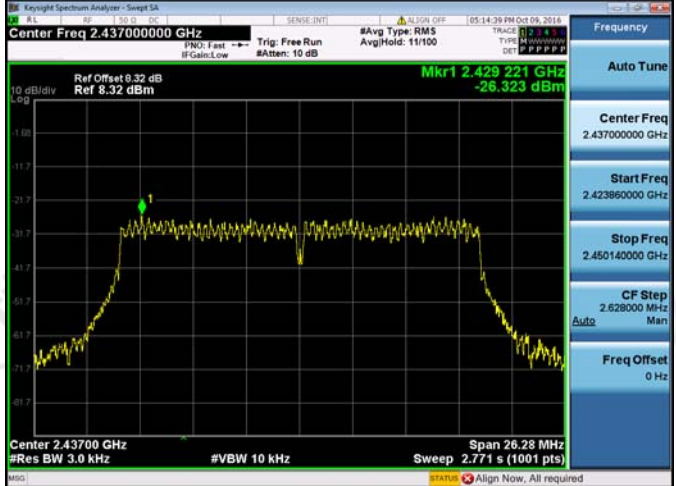
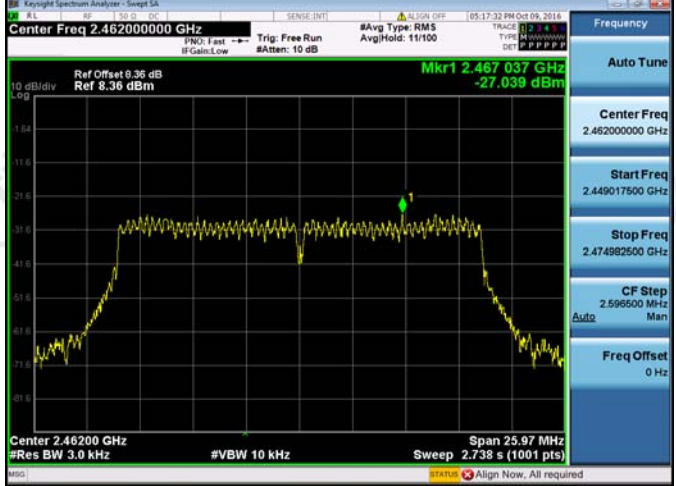
11N40SISO/LCH	
11N40SISO/MCH	
11N40SISO/HCH	

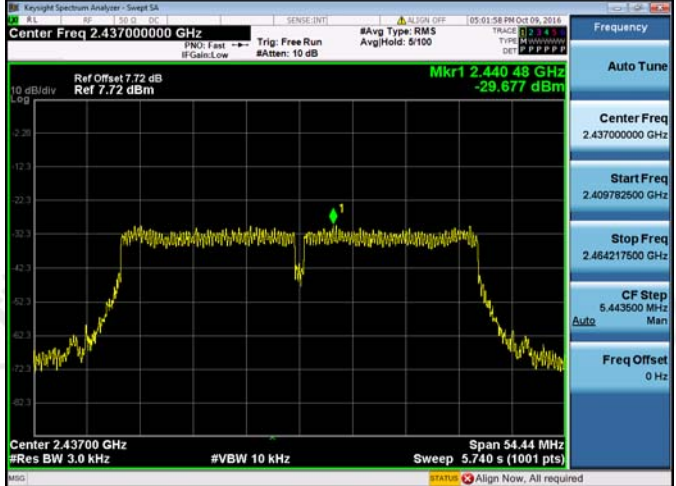
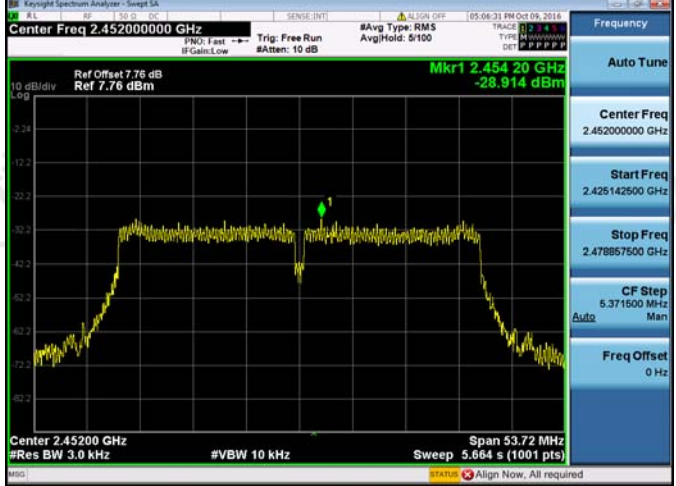
11N40MIMO/LCH	
11N40MIMO/MCH	
11N40MIMO/HCH	

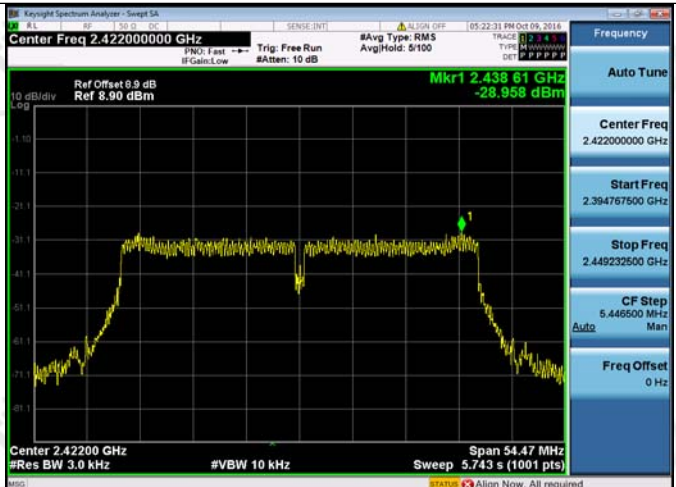
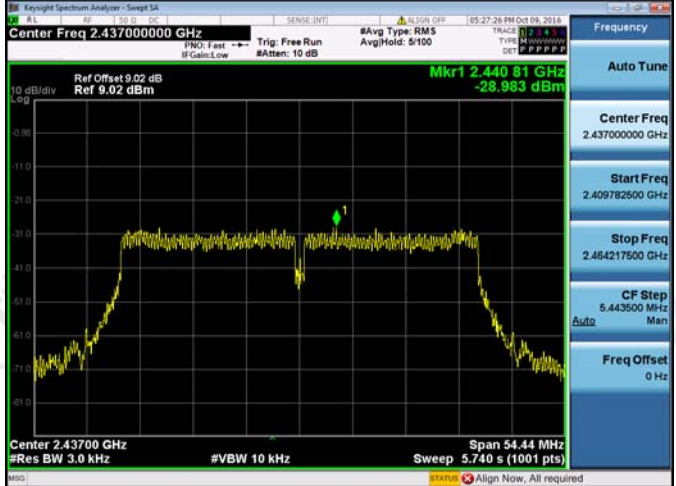
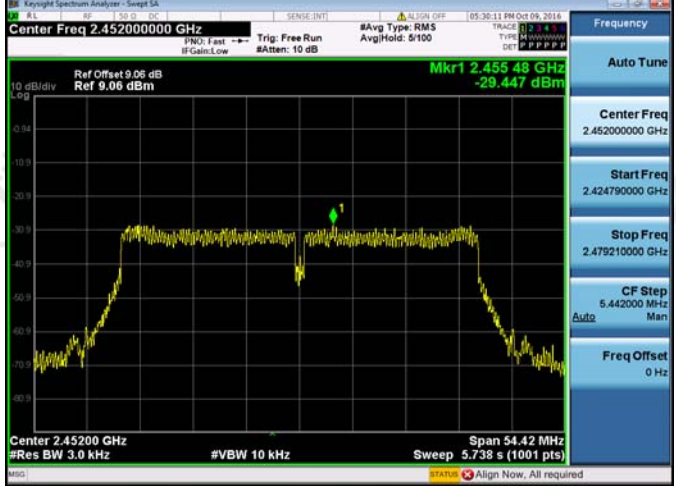




11N20SISO/LCH	
11N20SISO/MCH	
11N20SISO/HCH	

11N20MIMO/LCH	
11N20MIMO/MCH	
11N20MIMO/HCH	

11N40SISO/LCH	
11N40SISO/MCH	
11N40SISO/HCH	

11N40MIMO/LCH	
11N40MIMO/MCH	
11N40MIMO/HCH	

Appendix F): Antenna Requirement

15.203 requirement:

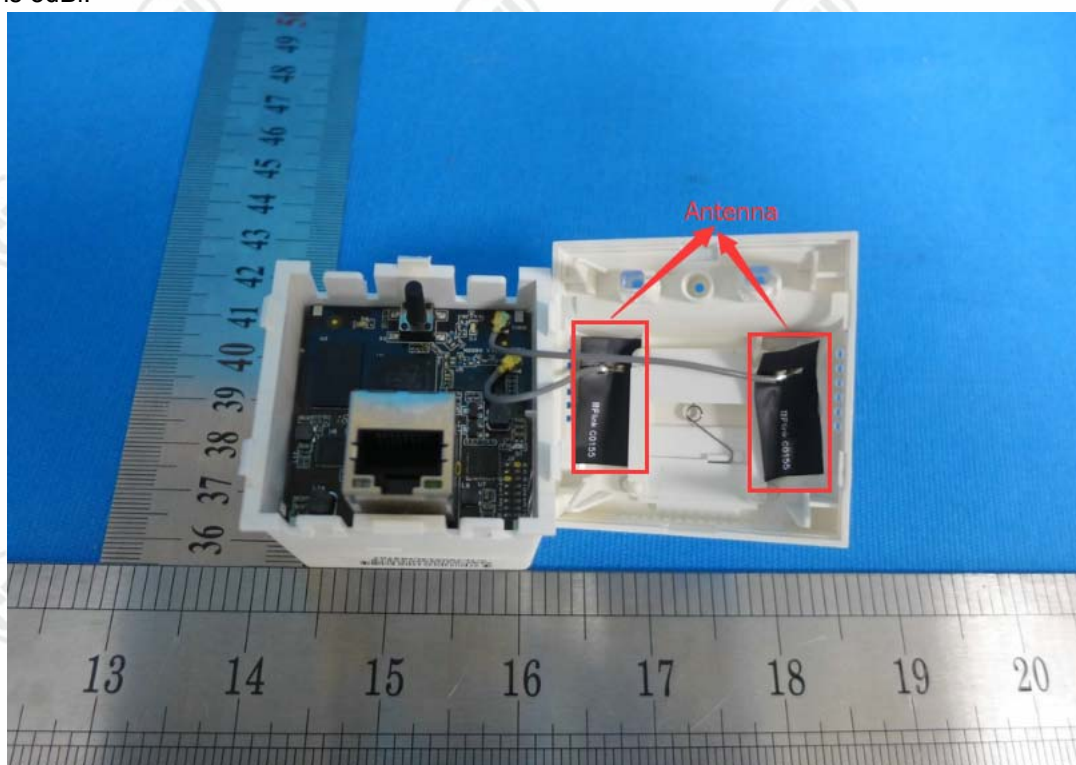
An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit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

15.247(b) (4) requirement:

The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, 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 3dBi.



Appendix G): 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														

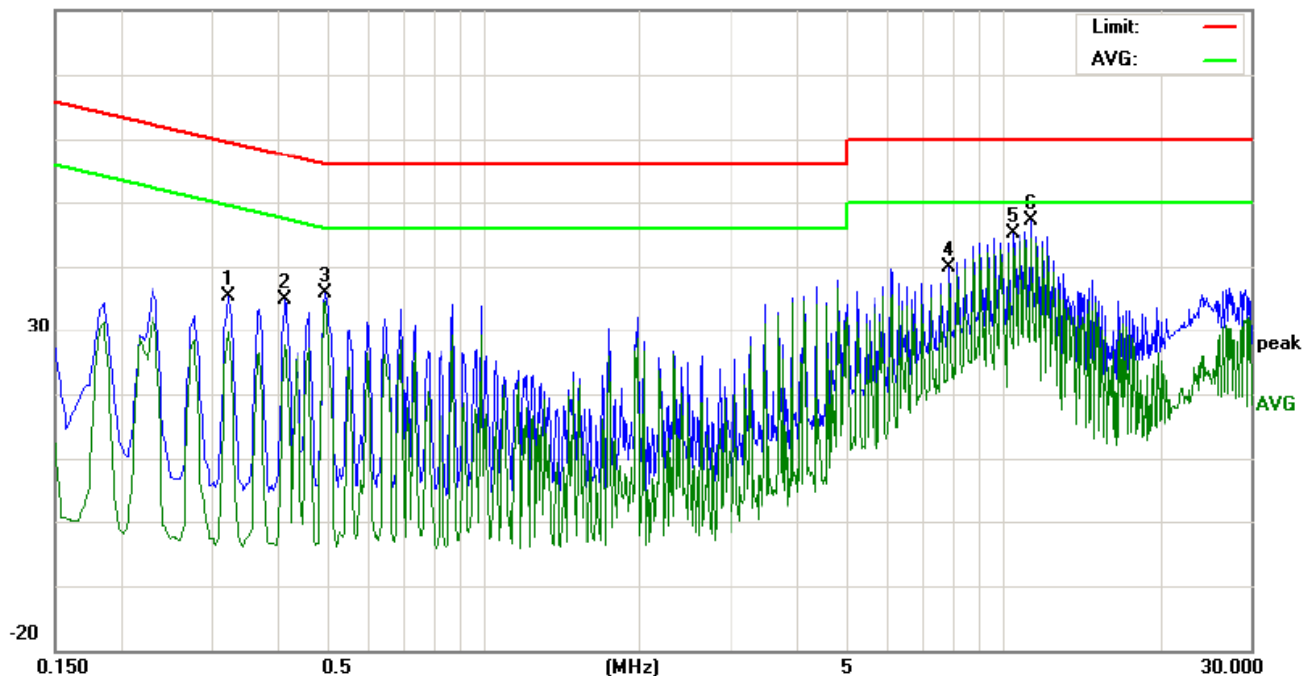
Measurement Data

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:

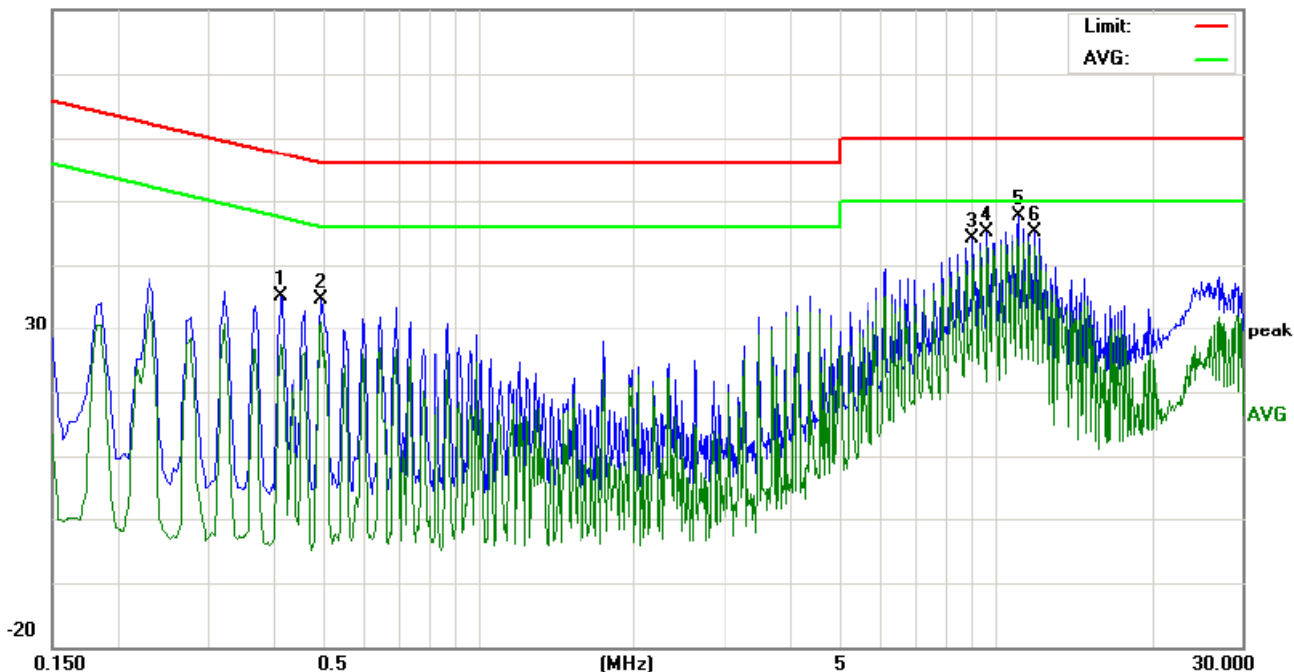
80.0 dBuV



No.	Freq. MHz	Reading_Level (dBuV)			Correct Factor dB	Measurement (dBuV)			Limit (dBuV)		Margin (dB)		P/F	Comment
		Peak	QP	AVG		peak	QP	AVG	QP	AVG	QP	AVG		
1	0.3220	25.59	22.40	19.92	9.82	35.41	32.22	29.74	59.65	49.65	-27.43	-19.91	P	
2	0.4140	24.93	21.20	17.68	9.90	34.83	31.10	27.58	57.57	47.57	-26.47	-19.99	P	
3	0.4980	25.88	24.90	24.79	9.90	35.78	34.80	34.69	56.03	46.03	-21.23	-11.34	P	
4	7.8660	29.90	28.14	27.38	10.00	39.90	38.14	37.38	60.00	50.00	-21.86	-12.62	P	
5	10.4900	35.18	33.60	32.97	10.01	45.19	43.61	42.98	60.00	50.00	-16.39	-7.02	P	
6	11.3700	37.03	35.17	34.29	10.03	47.06	45.20	44.32	60.00	50.00	-14.80	-5.68	P	

Neutral line:

80.0 dBuV



No.	Freq. MHz	Reading_Level (dBuV)			Correct Factor dB	Measurement (dBuV)			Limit (dBuV)		Margin (dB)		P/F	Comment
		Peak	QP	AVG		peak	QP	AVG	QP	AVG	QP	AVG		
1	0.4140	25.27	21.50	17.40	9.90	35.17	31.40	27.30	57.57	47.57	-26.17	-20.27	P	
2	0.4980	24.79	22.00	21.29	9.90	34.69	31.90	31.19	56.03	46.03	-24.13	-14.84	P	
3	9.0419	34.15	32.60	31.10	10.00	44.15	42.60	41.10	60.00	50.00	-17.40	-8.90	P	
4	9.6178	35.01	33.40	32.87	10.00	45.01	43.40	42.87	60.00	50.00	-16.60	-7.13	P	
5	11.0939	37.66	34.90	32.00	10.02	47.68	44.92	42.02	60.00	50.00	-15.08	-7.98	P	
6	11.9619	35.11	34.18	32.84	10.04	45.15	44.22	42.88	60.00	50.00	-15.78	-7.12	P	

Notes:

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

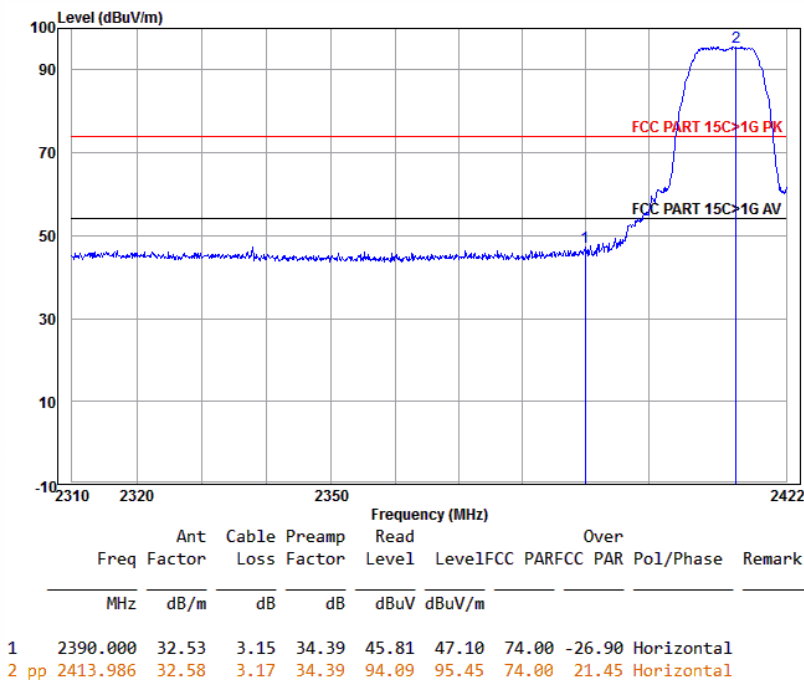
Appendix H): Restricted bands around fundamental frequency (Radiated)

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 change form table 0.8 meter to 1.5 meter(Above 18GHz the distance is 1 meter and table is 1.5 meter). - 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 @3m)		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	

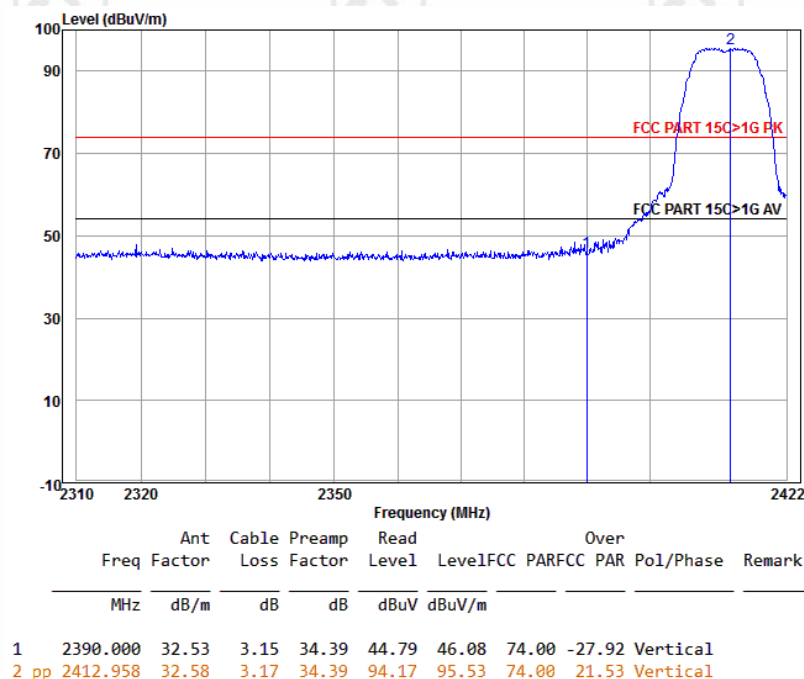
Test plot as follows:

Antenna 1

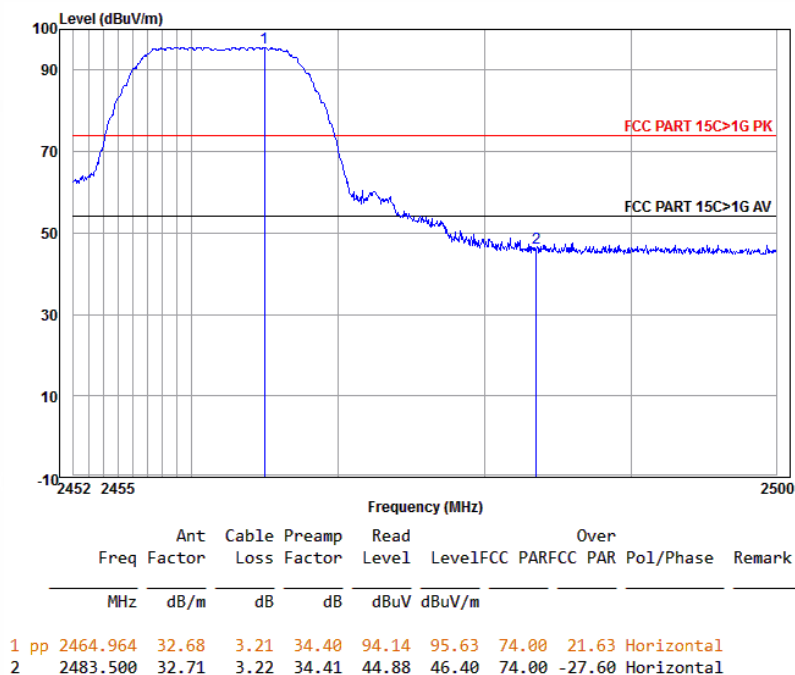
Worse case mode:	802.11b (11Mbps)		
Frequency: 2390.0MHz	Test channel: Lowest	Polarization: Horizontal	Remark: Peak



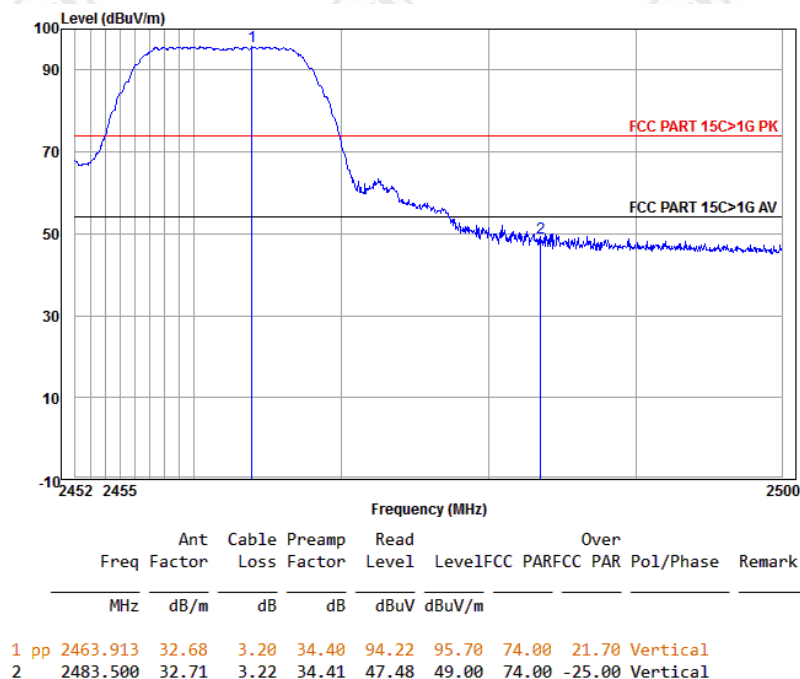
Worse case mode:	802.11b (11Mbps)		
Frequency: 2390.0MHz	Test channel: Lowest	Polarization: Vertical	Remark: Peak



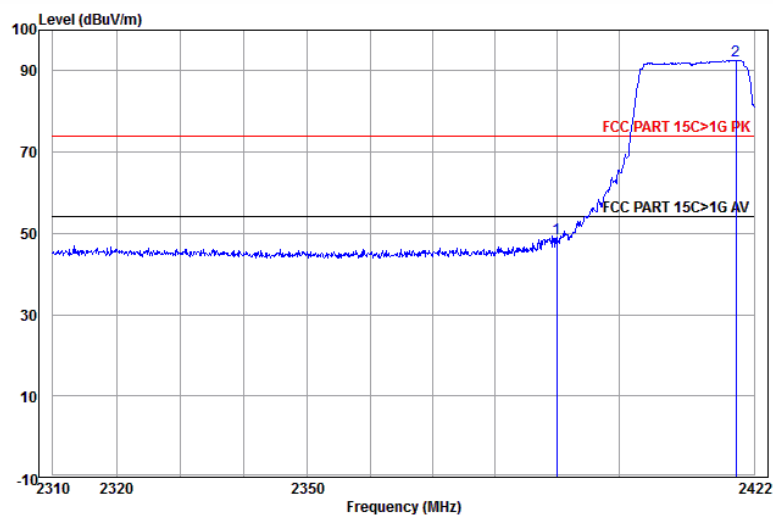
Worse case mode:	802.11b (11Mbps)		
Frequency: 2483.5MHz	Test channel: Highest	Polarization: Horizontal	Remark: Peak



Worse case mode:	802.11b (11Mbps)		
Frequency: 2483.5MHz	Test channel: Highest	Polarization: Vertical	Remark: Peak

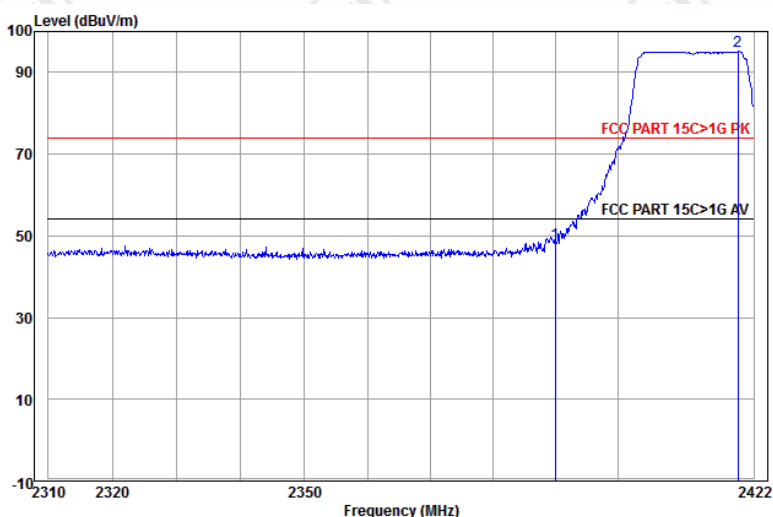


Worse case mode:	802.11g (6Mbps)		
Frequency: 2390.0MHz	Test channel: Lowest	Polarization: Horizontal	Remark: Peak



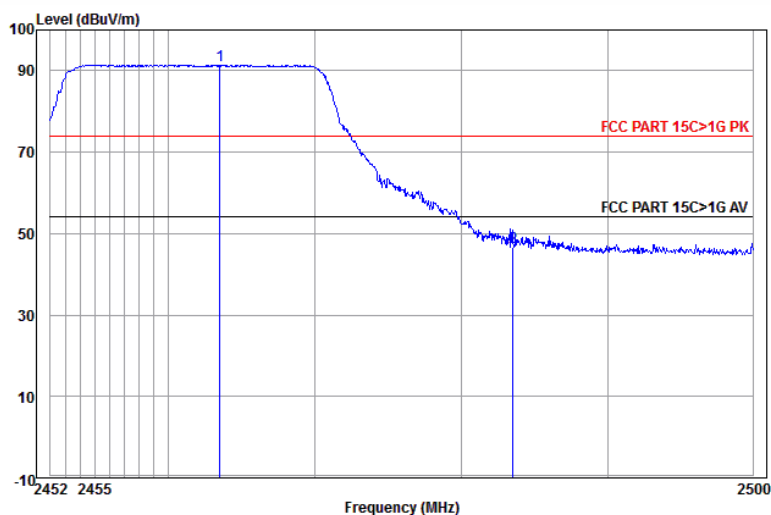
	Ant Freq	Cable Factor	Preamp Loss	Read Level	LevelFCC	PARFCC	PAR	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m			
1	2390.000	32.53	3.15	34.39	47.57	48.86	74.00	-25.14	Horizontal
2 pp	2419.020	32.59	3.17	34.39	91.22	92.59	74.00	18.59	Horizontal

Worse case mode:	802.11g (6Mbps)		
Frequency: 2390.0MHz	Test channel: Lowest	Polarization: Vertical	Remark: Peak



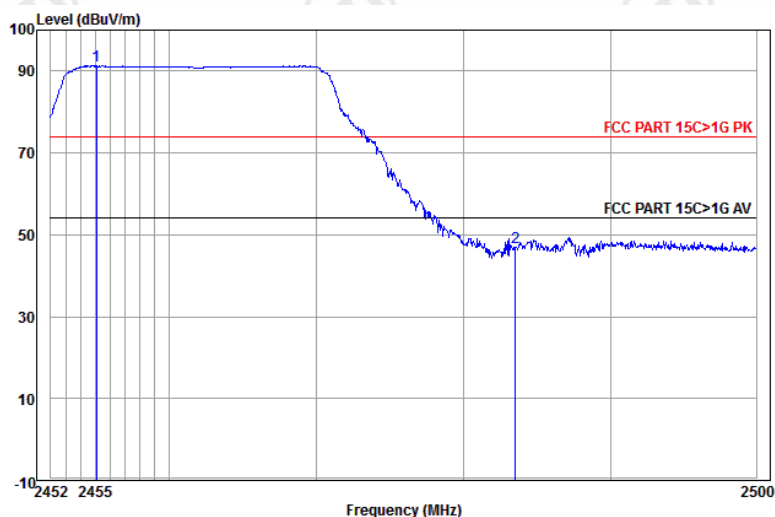
	Ant Freq	Cable Factor	Preamp Loss	Read Level	LevelFCC	PARFCC	PAR	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m			
1	2390.000	32.53	3.15	34.39	46.79	48.08	74.00	-25.92	Vertical
2 pp	2419.479	32.59	3.17	34.39	93.74	95.11	74.00	21.11	Vertical

Worse case mode:	802.11g (6Mbps)		
Frequency: 2483.5MHz	Test channel: Highest	Polarization: Horizontal	Remark: Peak



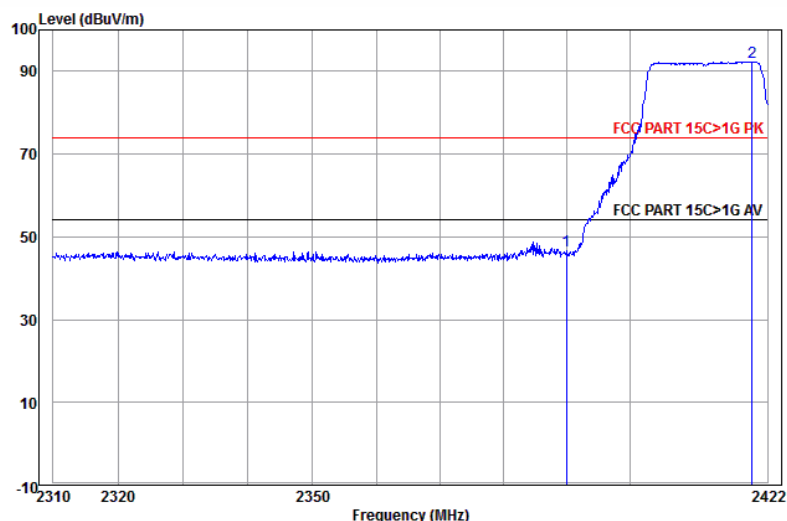
	Ant	Cable	Preamp	Read	Over			
Freq	Factor	Loss	Factor	Level	LevelFCC	PARFCC	PAR	Pol/Phase
MHz	dB/m	dB	dB	dBuV	dBuV/m			
1 pp 2463.483	32.68	3.20	34.40	89.92	91.40	74.00	17.40	Horizontal
2 2483.500	32.71	3.22	34.41	45.24	46.76	74.00	-27.24	Horizontal

Worse case mode:	802.11g (6Mbps)		
Frequency: 2483.5MHz	Test channel: Highest	Polarization: Vertical	Remark: Peak



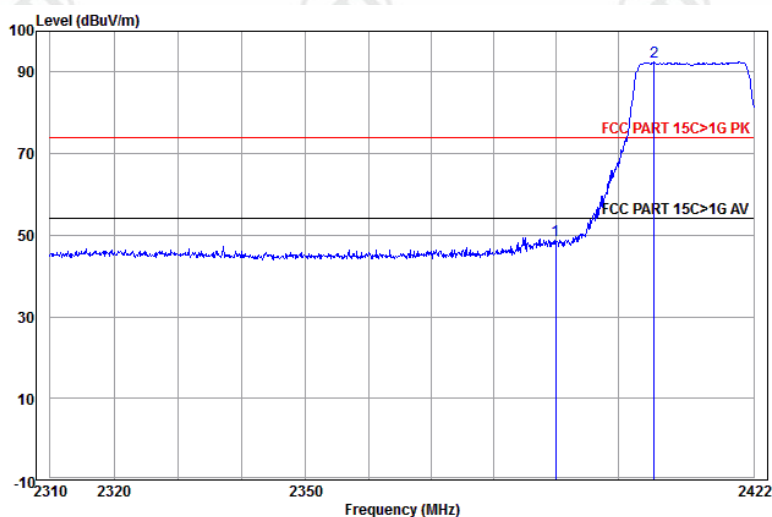
	Ant	Cable	Preamp	Read	Over			
Freq	Factor	Loss	Factor	Level	LevelFCC	PARFCC	PAR	Pol/Phase
MHz	dB/m	dB	dB	dBuV	dBuV/m			
1 pp 2455.092	32.66	3.20	34.40	89.85	91.31	74.00	17.31	Vertical
2 2483.500	32.71	3.22	34.41	45.55	47.07	74.00	-26.93	Vertical

Worse case mode:	802.11n(HT20) (6.5Mbps)		
Frequency: 2390.0MHz	Test channel: Lowest	Polarization: Horizontal	Remark: Peak



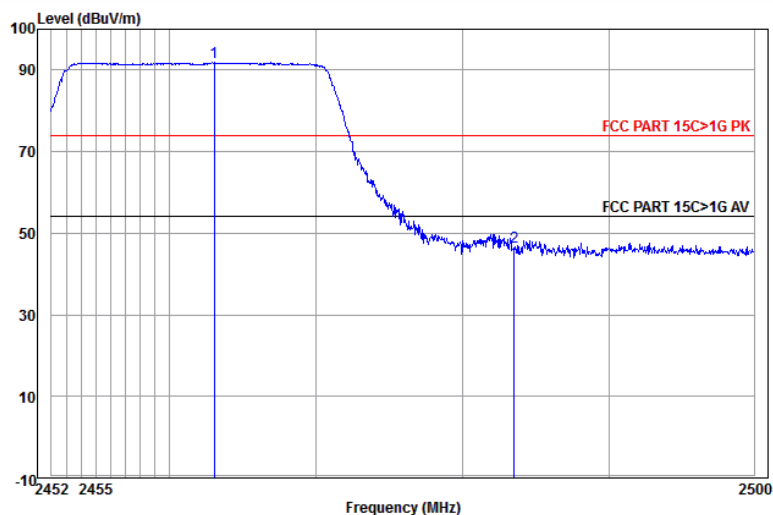
	Ant	Cable	Preamp	Read	Over				
Freq	Factor	Loss	Factor	Level	LevelFCC	PARFCC	PAR	Pol/Phase	Remark
MHz	dB/m	dB	dB	dBuV	dBuV/m				
1 2390.000	32.53	3.15	34.39	45.38	46.67	74.00	-27.33	Horizontal	
2 pp 2419.593	32.59	3.17	34.39	90.95	92.32	74.00	18.32	Horizontal	

Worse case mode:	802.11n(HT20) (6.5Mbps)		
Frequency: 2390.0MHz	Test channel: Lowest	Polarization: Vertical	Remark: Peak



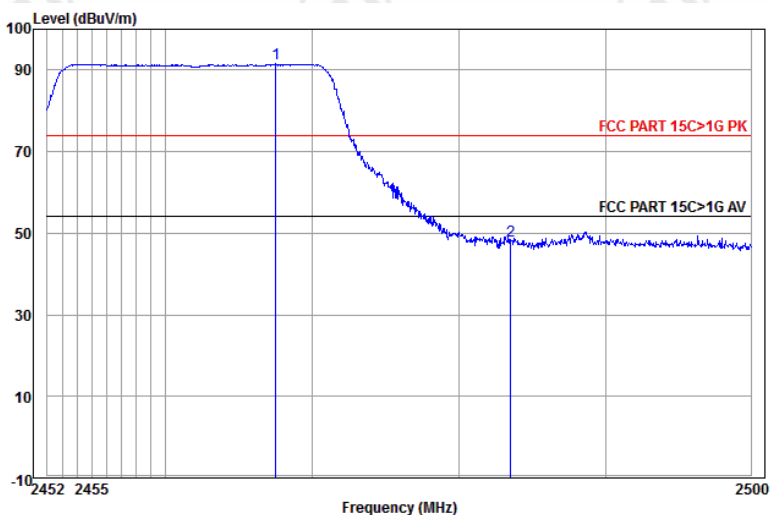
	Ant	Cable	Preamp	Read	Over				
Freq	Factor	Loss	Factor	Level	LevelFCC	PARFCC	PAR	Pol/Phase	Remark
MHz	dB/m	dB	dB	dBuV	dBuV/m				
1 2390.000	32.53	3.15	34.39	47.45	48.74	74.00	-25.26	Vertical	
2 pp 2405.885	32.57	3.17	34.39	91.01	92.36	74.00	18.36	Vertical	

Worse case mode:	802.11n(HT20) (6.5Mbps)		
Frequency: 2483.5MHz	Test channel: Highest	Polarization: Horizontal	Remark: Peak



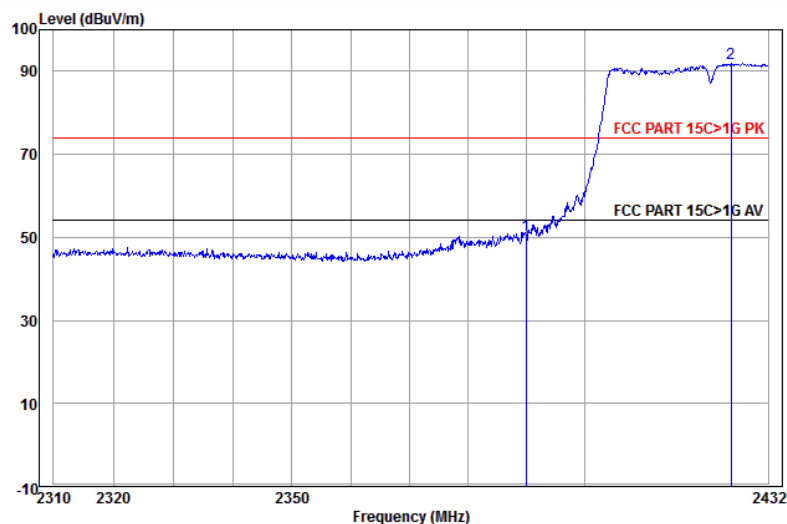
	Ant	Cable	Preamp	Read	Level	FCC	PAR	Over	
Freq	Factor	Loss	Factor	Level	Level	PAR	PAR	Pol/Phase	Remark
MHz	dB/m	dB	dB	dBuV	dBuV/m				
1 pp 2463.053	32.68	3.20	34.40	90.46	91.94	74.00	17.94	Horizontal	
2 2483.500	32.71	3.22	34.41	45.05	46.57	74.00	-27.43	Horizontal	

Worse case mode:	802.11n(HT20) (6.5Mbps)		
Frequency: 2483.5MHz	Test channel: Highest	Polarization: Vertical	Remark: Peak



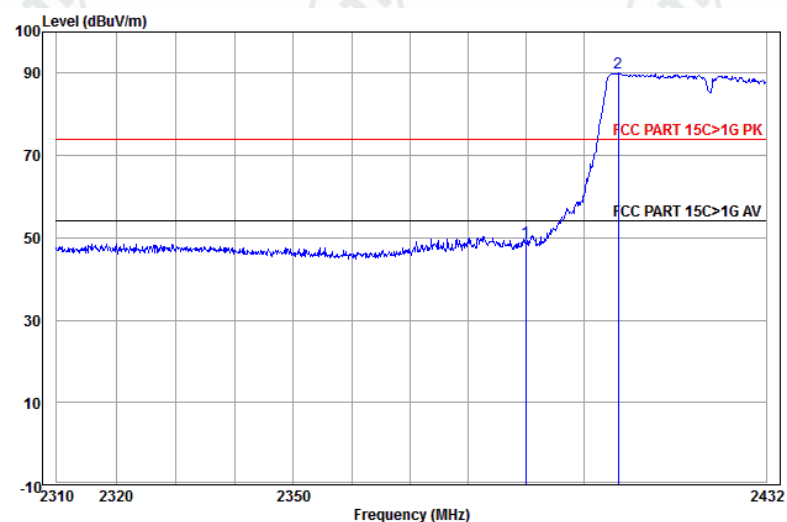
	Ant	Cable	Preamp	Read	Level	FCC	PAR	Over	
Freq	Factor	Loss	Factor	Level	Level	PAR	PAR	Pol/Phase	Remark
MHz	dB/m	dB	dB	dBuV	dBuV/m				
1 pp 2467.498	32.68	3.21	34.40	89.98	91.47	74.00	17.47	Vertical	
2 2483.500	32.71	3.22	34.41	46.53	48.05	74.00	-25.95	Vertical	

Worse case mode:	802.11n(HT40) (13..5Mbps)		
Frequency: 2390.0MHz	Test channel: Lowest	Polarization: Horizontal	Remark: Peak



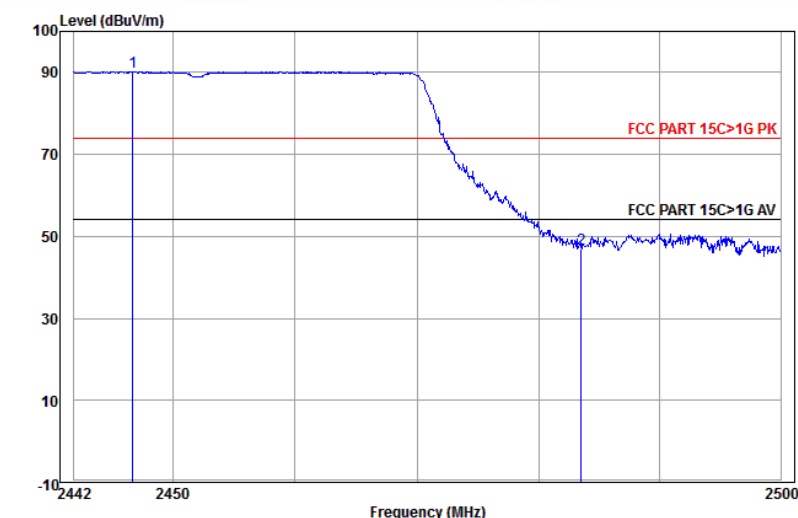
	Ant	Cable	Preamp	Read	Over					
	Freq	Factor	Loss	Factor	Level	LevelFCC	PARFCC	PAR	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m				
1	2390.000	32.53	3.15	34.39	49.12	50.41	74.00	-23.59	Horizontal	
2 pp	2425.500	32.60	3.18	34.40	90.46	91.84	74.00	17.84	Horizontal	

Worse case mode:	802.11n(HT40) (13..5Mbps)		
Frequency: 2390.0MHz	Test channel: Lowest	Polarization: Vertical	Remark: Peak



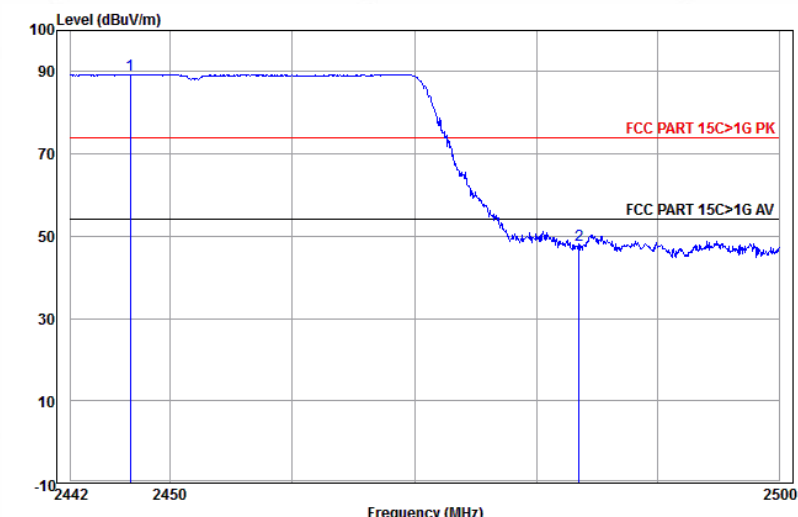
	Ant	Cable	Preamp	Read	Over					
	Freq	Factor	Loss	Factor	Level	LevelFCC	PARFCC	PAR	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m				
1	2390.000	32.53	3.15	34.39	47.63	48.92	74.00	-25.08	Vertical	
2 pp	2406.104	32.57	3.17	34.39	88.82	90.17	74.00	16.17	Vertical	

Worse case mode:	802.11n(HT40) (13..5Mbps)		
Frequency: 2483.5MHz	Test channel:Highest	Polarization: Horizontal	Remark: Peak



	Ant Freq	Cable Factor	Preamp Loss	Read Level	Over Level	FCC PAR	FCC PAR	Pol/Phase	Remark
	MHz	dB/m	dB	dBuV	dBuV/m				
1 pp	2446.762	32.64	3.19	34.40	88.83	90.26	74.00	16.26	Horizontal
2	2483.500	32.71	3.22	34.41	45.49	47.01	74.00	-26.99	Horizontal

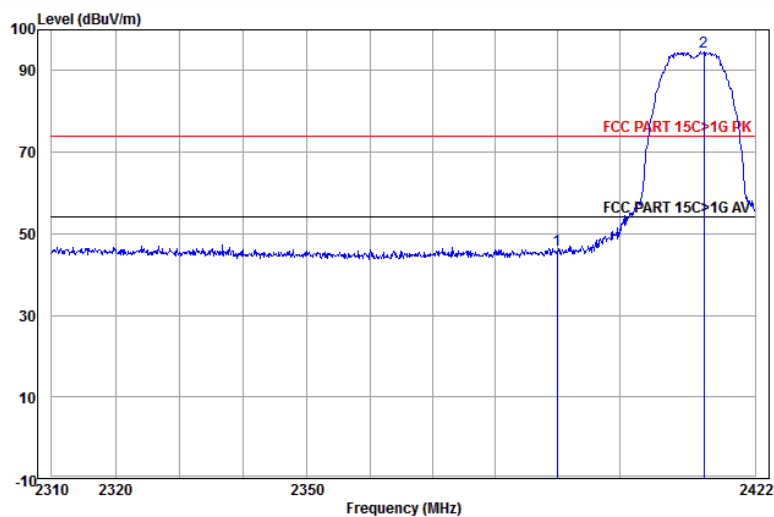
Worse case mode:	802.11n(HT40) (13..5Mbps)		
Frequency: 2483.5MHz	Test channel:Highest	Polarization: Vertical	Remark: Peak



	Ant Freq	Cable Factor	Preamp Loss	Read Level	Over Level	FCC PAR	FCC PAR	Pol/Phase	Remark
	MHz	dB/m	dB	dBuV	dBuV/m				
1 pp	2446.820	32.64	3.19	34.40	87.92	89.35	74.00	15.35	Vertical
2	2483.500	32.71	3.22	34.41	46.22	47.74	74.00	-26.26	Vertical

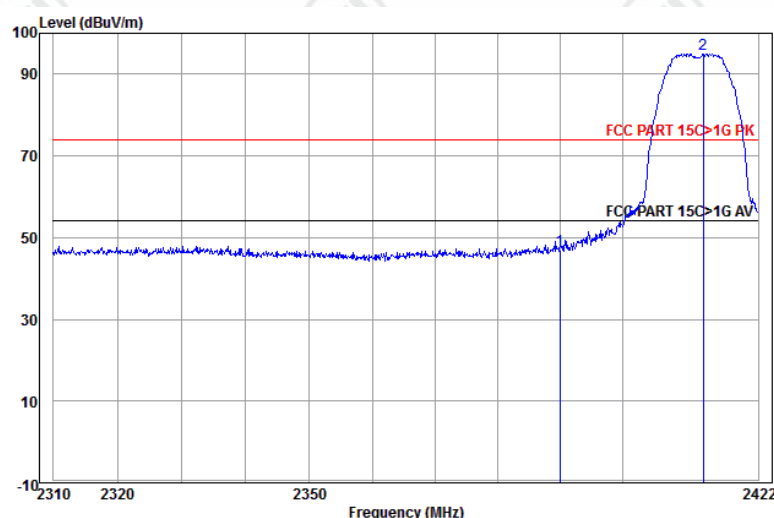
Antenna 2

Worse case mode:	802.11b (11Mbps)		
Frequency: 2390.0MHz	Test channel: Lowest	Polarization: Horizontal	Remark: Peak



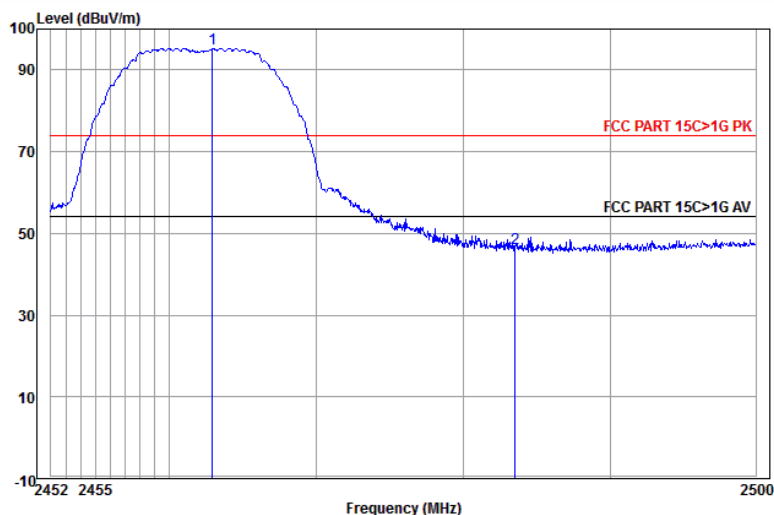
	Ant Freq	Cable Factor	Preamp Loss	Preamp Factor	Read Level	Read Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1	2390.000	32.53	3.15	34.39	44.74	46.03	74.00	-27.97	Horizontal	
2 pp	2413.643	32.58	3.17	34.39	93.13	94.49	74.00	20.49	Horizontal	

Worse case mode:	802.11b (11Mbps)		
Frequency: 2390.0MHz	Test channel: Lowest	Polarization: Vertical	Remark: Peak



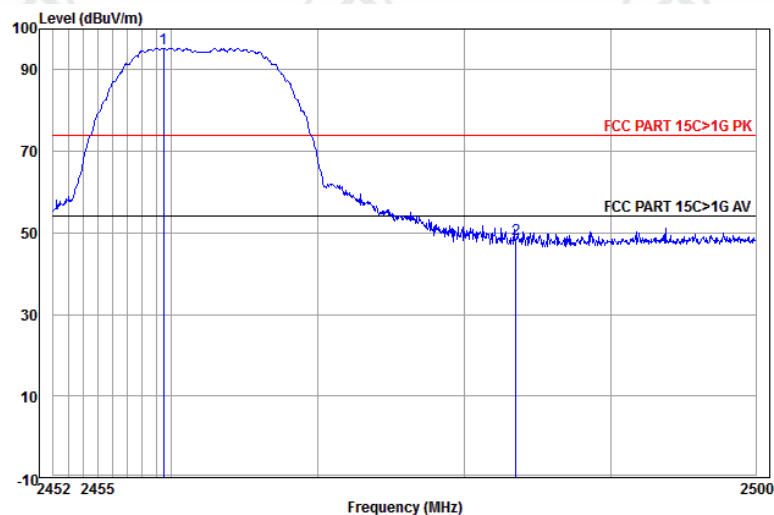
	Ant Freq	Cable Factor	Preamp Loss	Preamp Factor	Read Level	Read Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1	2390.000	32.53	3.15	34.39	45.61	46.90	74.00	-27.10	Vertical	
2 pp	2413.072	32.58	3.17	34.39	93.64	95.00	74.00	21.00	Vertical	

Worse case mode:	802.11b (11Mbps)		
Frequency: 2483.5MHz	Test channel: Highest	Polarization: Horizontal	Remark: Peak



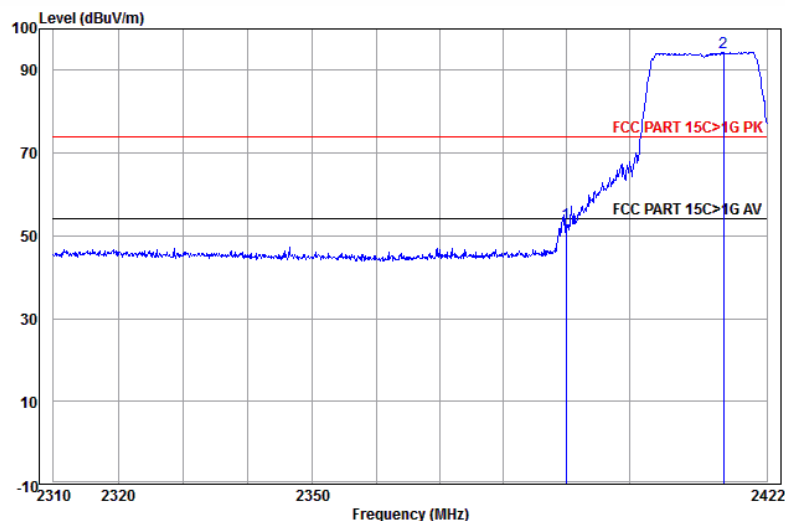
	Ant Freq	Cable Factor	Preamp Loss	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	2462.910	32.68	3.20	34.40	93.84	95.32	74.00	21.32	Horizontal
2	2483.500	32.71	3.22	34.41	44.91	46.43	74.00	-27.57	Horizontal

Worse case mode:	802.11b (11Mbps)		
Frequency: 2483.5MHz	Test channel: Highest	Polarization: Vertical	Remark: Peak



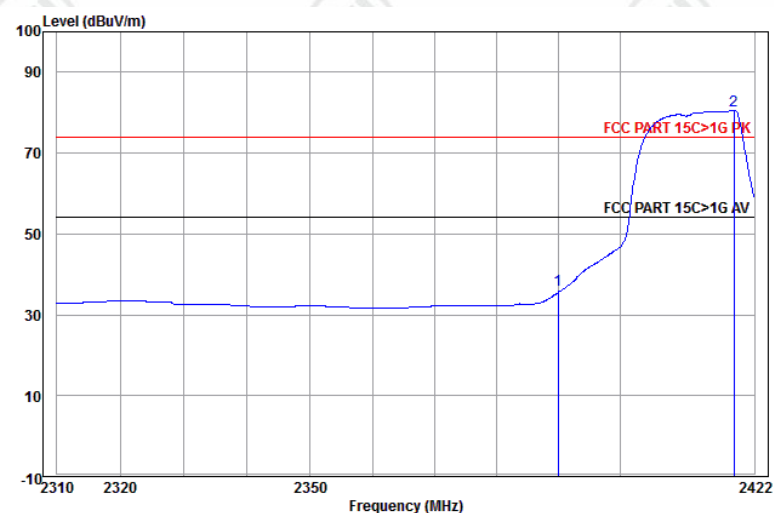
	Ant Freq	Cable Factor	Preamp Loss	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	2459.475	32.67	3.20	34.40	93.88	95.35	74.00	21.35	Vertical
2	2483.500	32.71	3.22	34.41	47.01	48.53	74.00	-25.47	Vertical

Worse case mode:	802.11g (6Mbps)		
Frequency: 2390.0MHz	Test channel: Lowest	Polarization: Horizontal	Remark: Peak



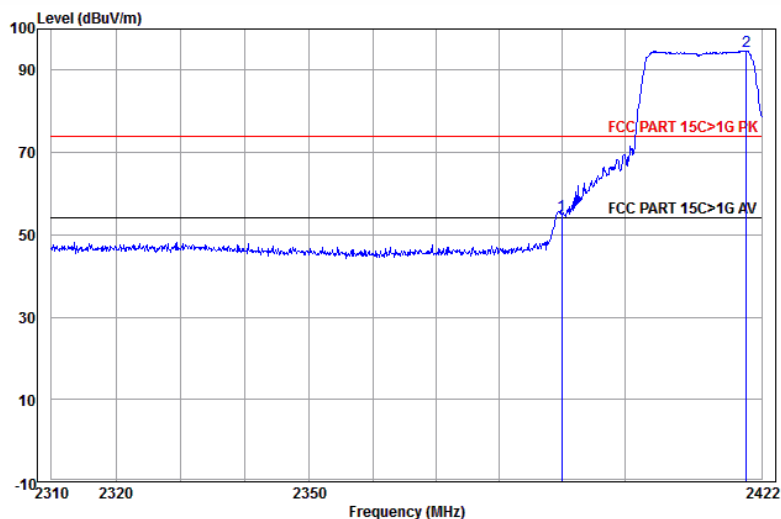
	Ant Freq	Cable Factor	Preamp Loss	Preamp Factor	Read Level	Read Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1	2390.000	32.53	3.15	34.39	51.56	52.85	74.00	-21.15	Horizontal	
2 pp	2415.129	32.58	3.17	34.39	92.89	94.25	74.00	20.25	Horizontal	

Worse case mode:	802.11g (6Mbps)		
Frequency: 2390.0MHz	Test channel: Lowest	Polarization: Horizontal	Remark: Average



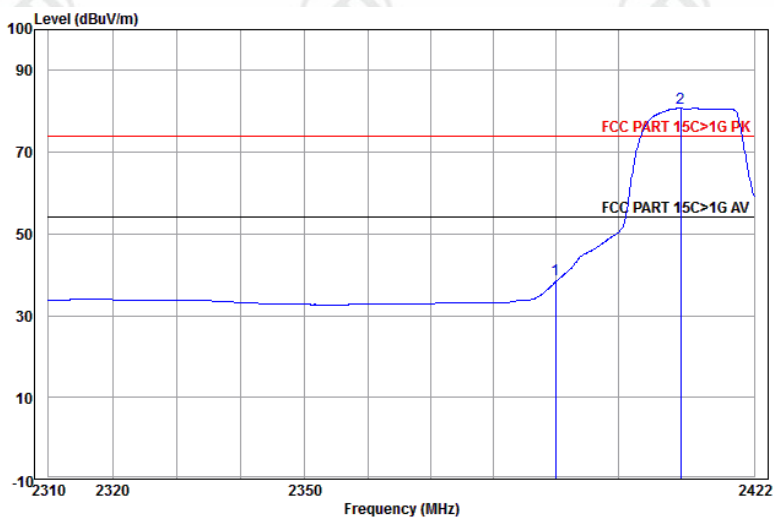
	Ant Freq	Cable Factor	Preamp Loss	Preamp Factor	Read Level	Read Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1	2390.000	32.53	3.15	34.39	34.82	36.11	54.00	-17.89	Horizontal	Average
2 pp	2418.677	32.59	3.17	34.39	79.21	80.58	54.00	26.58	Horizontal	Average

Worse case mode:	802.11g (6Mbps)		
Frequency: 2390.0MHz	Test channel: Lowest	Polarization: Vertical	Remark: Peak



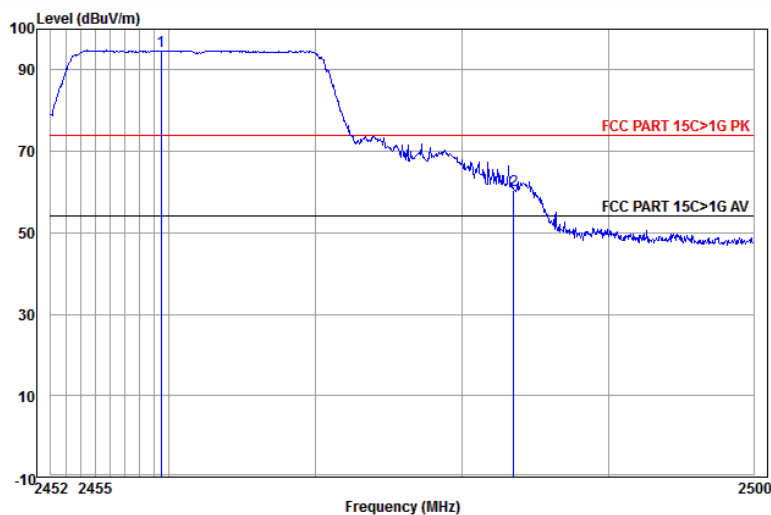
	Ant Freq	Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1	2390.000	32.53	3.15	34.39	53.49	54.78	74.00	-19.22	Vertical	
2 pp	2419.593	32.59	3.17	34.39	93.31	94.68	74.00	20.68	Vertical	

Worse case mode:	802.11g (6Mbps)		
Frequency: 2390.0MHz	Test channel: Lowest	Polarization: Vertical	Remark: Average



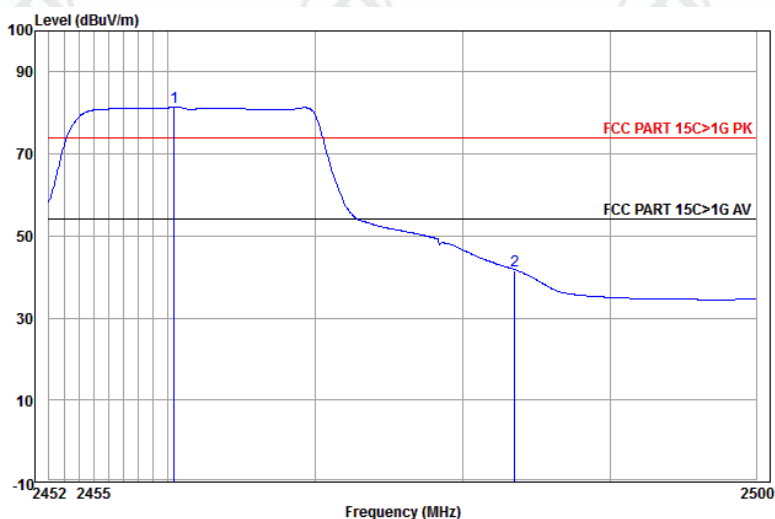
	Ant Freq	Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1	2390.000	32.53	3.15	34.39	37.48	38.77	54.00	-15.23	Vertical	Average
2 pp	2410.104	32.57	3.17	34.39	79.44	80.79	54.00	26.79	Vertical	Average

Worse case mode:	802.11g (6Mbps)		
Frequency: 2483.5MHz	Test channel: Highest	Polarization: Horizontal	Remark: Peak



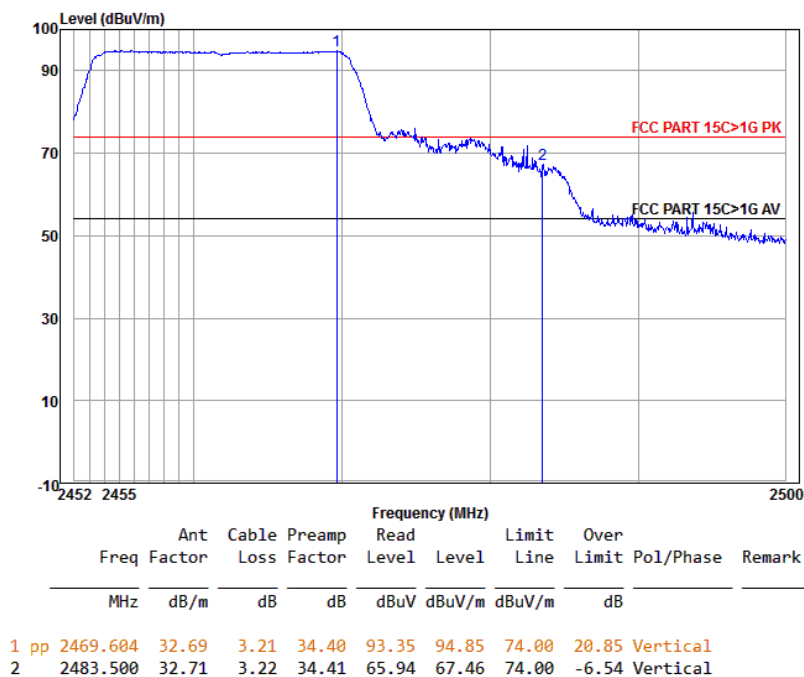
	Ant Freq	Cable Factor	Preamp Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1 pp	2459.475	32.67	3.20	34.40	93.28	94.75	74.00	20.75	Horizontal	
2	2483.500	32.71	3.22	34.41	58.81	60.33	74.00	-13.67	Horizontal	

Worse case mode:	802.11g (6Mbps)		
Frequency: 2483.5MHz	Test channel: Highest	Polarization: Horizontal	Remark: Average

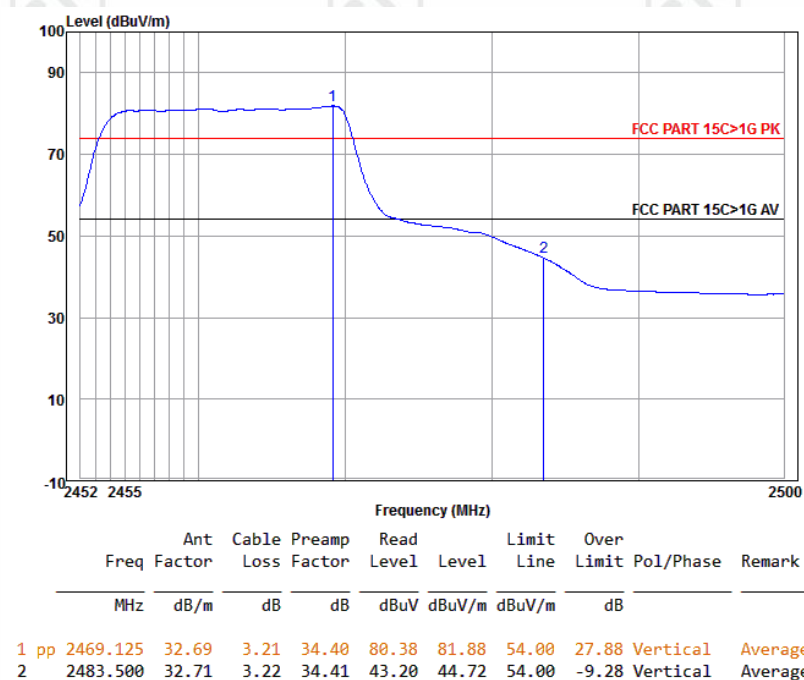


	Ant Freq	Cable Factor	Preamp Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1 pp	2460.428	32.67	3.20	34.40	79.86	81.33	54.00	27.33	Horizontal	Average
2	2483.500	32.71	3.22	34.41	40.08	41.60	54.00	-12.40	Horizontal	Average

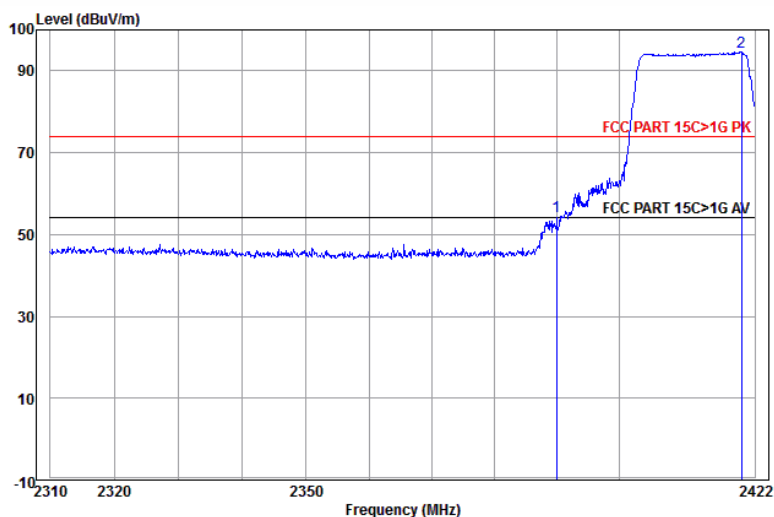
Worse case mode:	802.11g (6Mbps)		
Frequency: 2483.5MHz	Test channel: Highest	Polarization: Vertical	Remark: Peak



Worse case mode:	802.11g (6Mbps)		
Frequency: 2483.5MHz	Test channel: Highest	Polarization: Vertical	Remark: Average

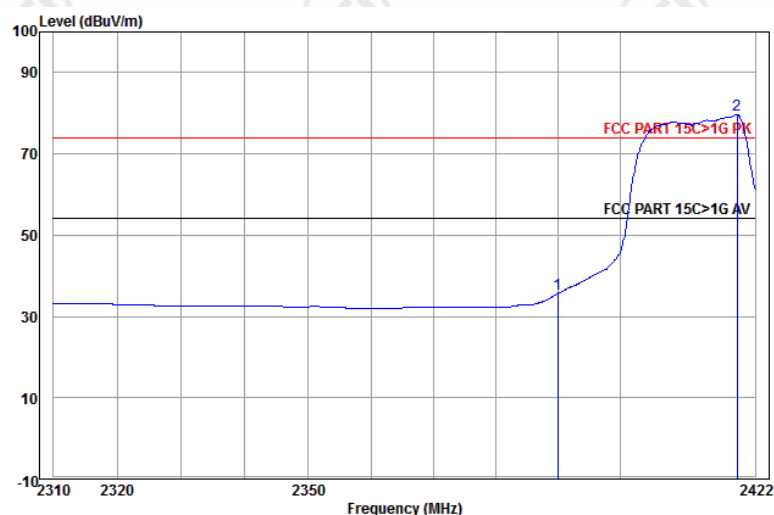


Worse case mode:	802.11n(HT20) (6.5Mbps)		
Frequency: 2390.0MHz	Test channel: Lowest	Polarization: Horizontal	Remark: Peak



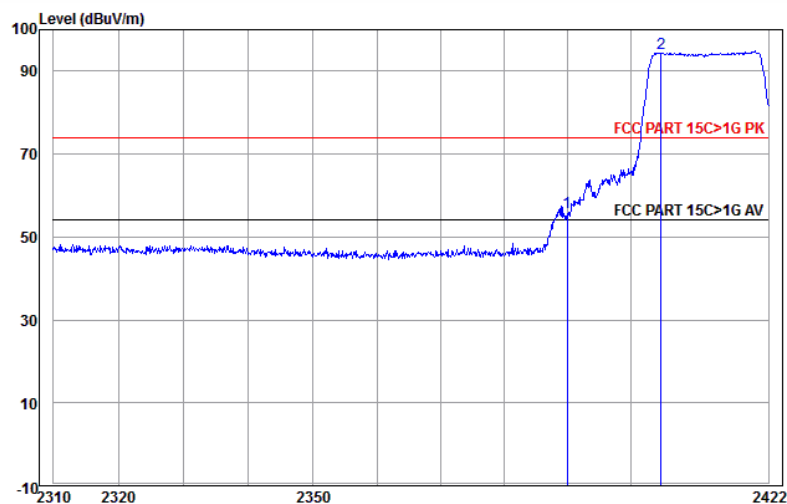
	Ant Freq	Cable Factor	Preamp Loss	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1	2390.000	32.53	3.15	34.39	53.07	54.36	74.00	-19.64	Horizontal
2 pp	2419.822	32.59	3.17	34.39	93.14	94.51	74.00	20.51	Horizontal

Worse case mode:	802.11n(HT20) (6.5Mbps)		
Frequency: 2390.0MHz	Test channel: Lowest	Polarization: Horizontal	Remark: Average



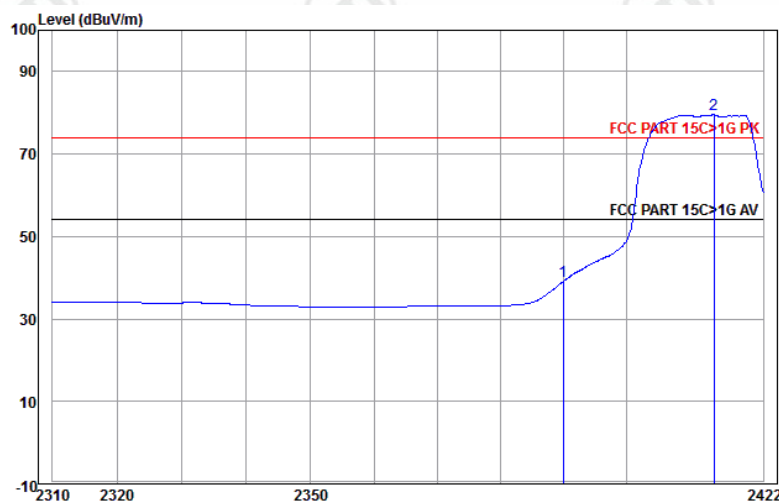
	Ant Freq	Cable Factor	Preamp Loss	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1	2390.000	32.53	3.15	34.39	34.13	35.42	54.00	-18.58	Horizontal Average
2 pp	2419.020	32.59	3.17	34.39	78.20	79.57	54.00	25.57	Horizontal Average

Worse case mode:	802.11n(HT20) (6.5Mbps)		
Frequency: 2390.0MHz	Test channel: Lowest	Polarization: Vertical	Remark: Peak



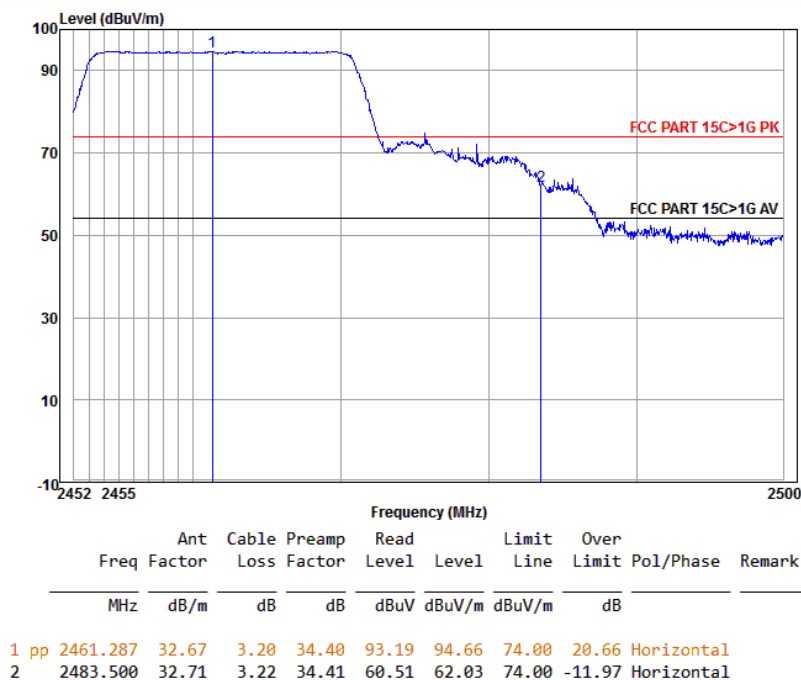
	Ant Freq	Cable Factor	Preamp Loss	Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1	2390.000	32.53	3.15	34.39	54.57	55.86	74.00	-18.14	Vertical	
2 pp	2404.860	32.56	3.16	34.39	93.10	94.43	74.00	20.43	Vertical	

Worse case mode:	802.11n(HT20) (6.5Mbps)		
Frequency: 2390.0MHz	Test channel: Lowest	Polarization: Vertical	Remark: Average

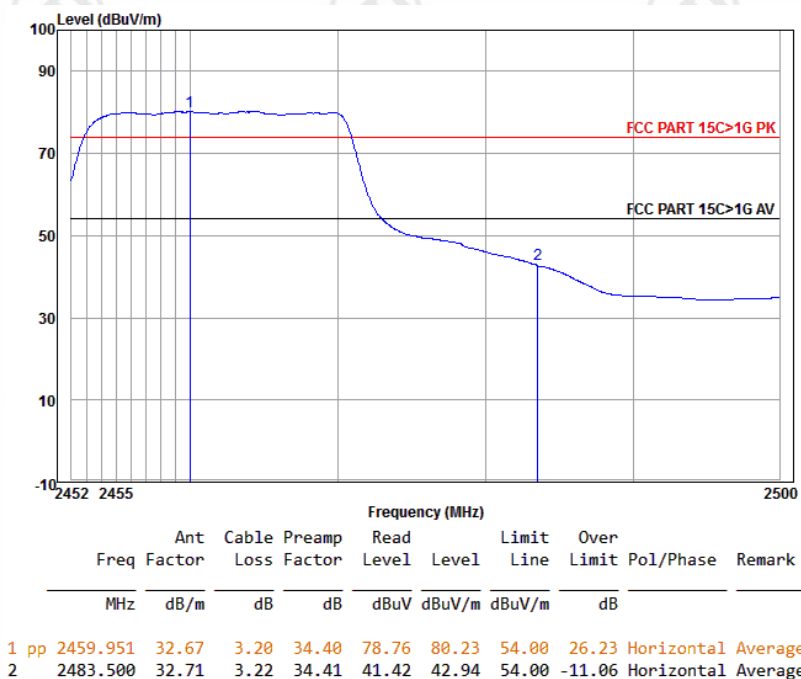


	Ant Freq	Cable Factor	Preamp Loss	Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1	2390.000	32.53	3.15	34.39	37.83	39.12	54.00	-14.88	Vertical	Average
2 pp	2414.101	32.58	3.17	34.39	78.17	79.53	54.00	25.53	Vertical	Average

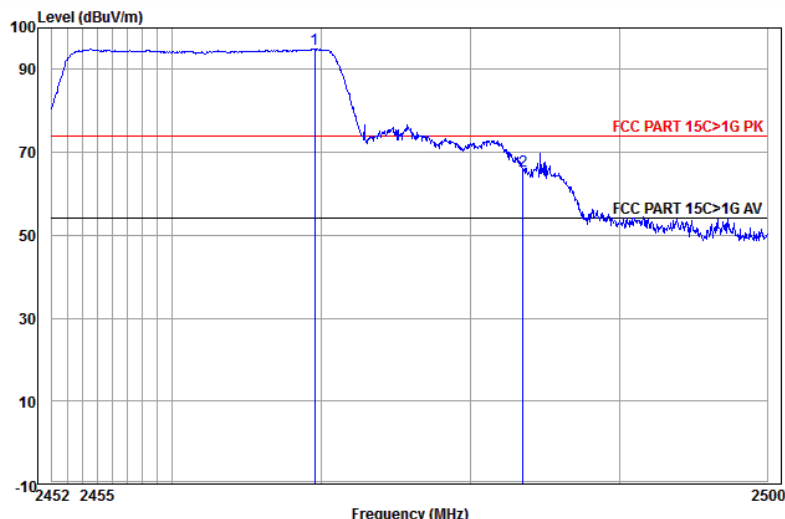
Worse case mode:	802.11n(HT20) (6.5Mbps)		
Frequency: 2483.5MHz	Test channel: Highest	Polarization: Horizontal	Remark: Peak



Worse case mode:	802.11n(HT20) (6.5Mbps)		
Frequency: 2483.5MHz	Test channel: Highest	Polarization: Horizontal	Remark: Average

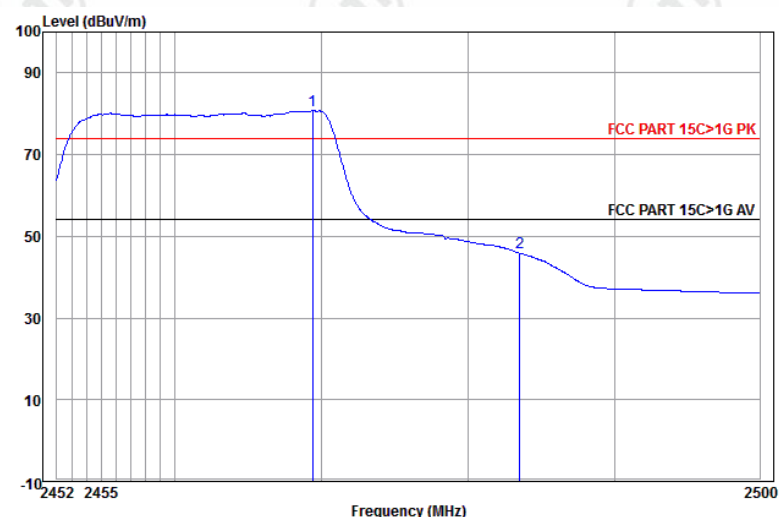


Worse case mode:	802.11n(HT20) (6.5Mbps)		
Frequency: 2483.5MHz	Test channel: Highest	Polarization: Vertical	Remark: Peak



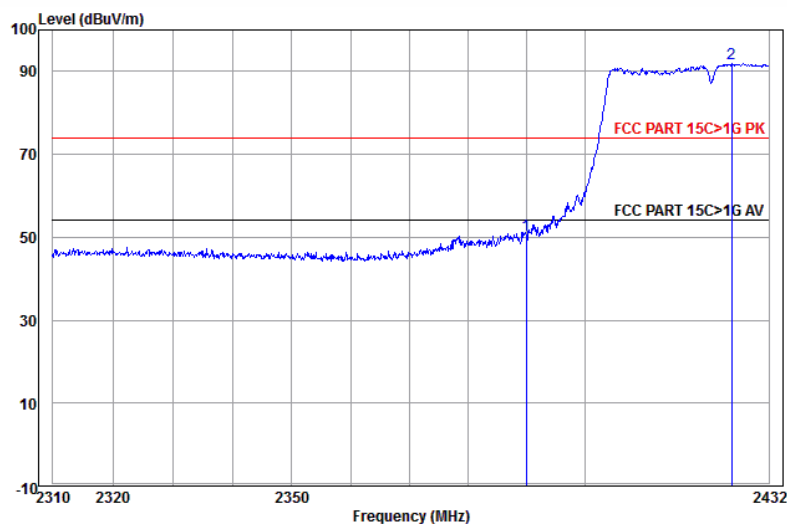
	Ant Freq	Cable Factor	Preamp Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1 pp	2469.508	32.69	3.21	34.40	93.38	94.88	74.00	20.88	Vertical	
2	2483.500	32.71	3.22	34.41	63.96	65.48	74.00	-8.52	Vertical	

Worse case mode:	802.11n(HT20) (6.5Mbps)		
Frequency: 2483.5MHz	Test channel: Highest	Polarization: Vertical	Remark: Average



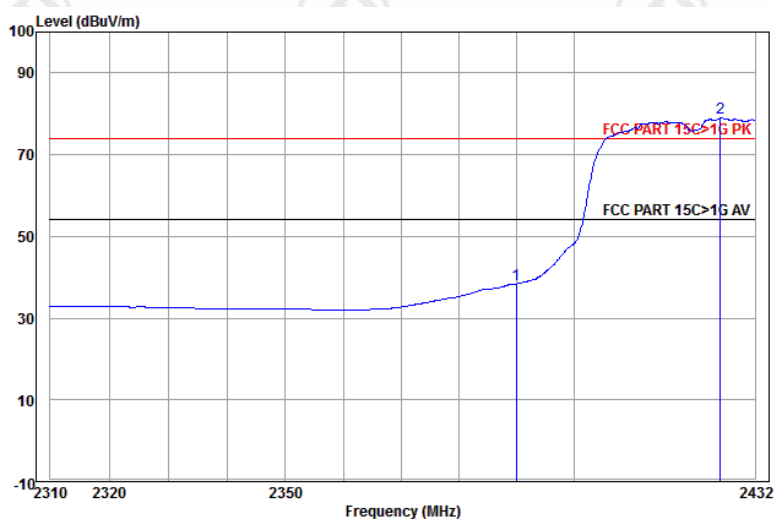
	Ant Freq	Cable Factor	Preamp Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1 pp	2469.365	32.69	3.21	34.40	79.31	80.81	54.00	26.81	Vertical	Average
2	2483.500	32.71	3.22	34.41	44.45	45.97	54.00	-8.03	Vertical	Average

Worse case mode:	802.11n(HT40) (13..5Mbps)		
Frequency: 2390.0MHz	Test channel: Lowest	Polarization: Horizontal	Remark: Peak



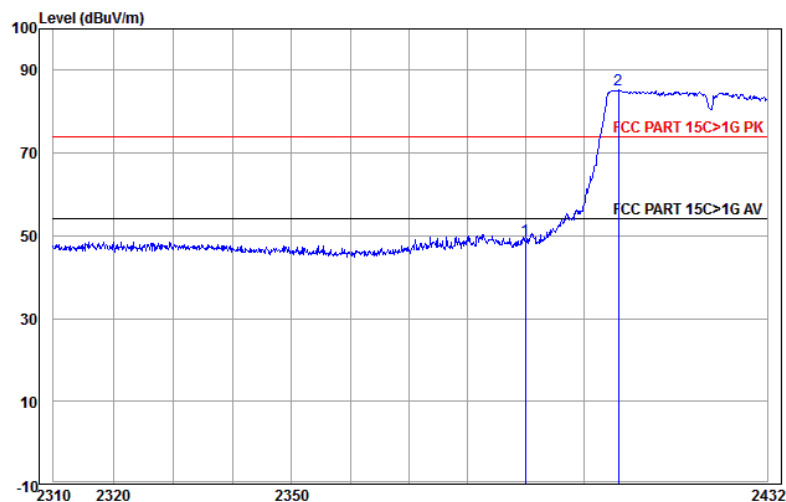
	Ant Freq	Cable Factor	Preamp Loss	Read Level	Level	Limit	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1	2390.000	32.53	3.15	34.39	49.12	50.41	74.00	-23.59	Horizontal
2 pp	2425.500	32.60	3.18	34.40	90.46	91.84	74.00	17.84	Horizontal

Worse case mode:	802.11n(HT40) (13.5Mbps)		
Frequency: 2390.0MHz	Test channel: Lowest	Polarization: Horizontal	Remark: Average



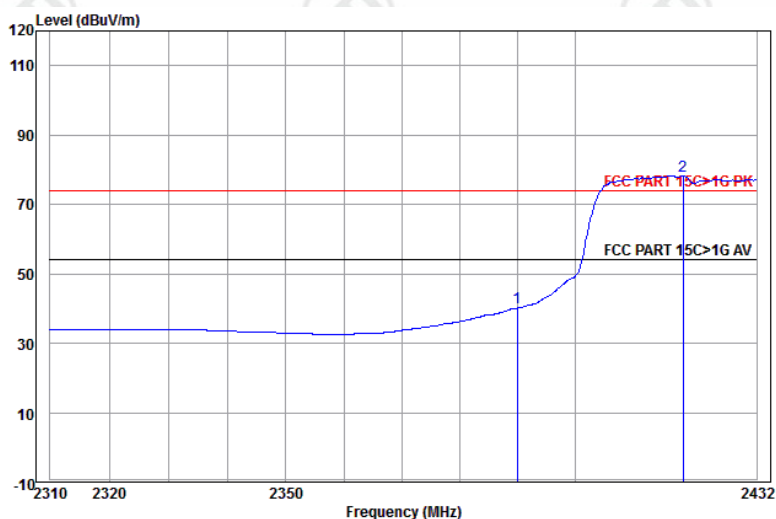
	Ant Freq	Cable Factor	Preamp Loss	Read Level	Level	Limit	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1	2390.000	32.53	3.15	34.39	37.09	38.38	54.00	-15.62	Horizontal Average
2 pp	2425.875	32.60	3.18	34.40	77.54	78.92	54.00	24.92	Horizontal Average

Worse case mode:	802.11n(HT40) (13..5Mbps)		
Frequency: 2390.0MHz	Test channel: Lowest	Polarization: Vertical	Remark: Peak



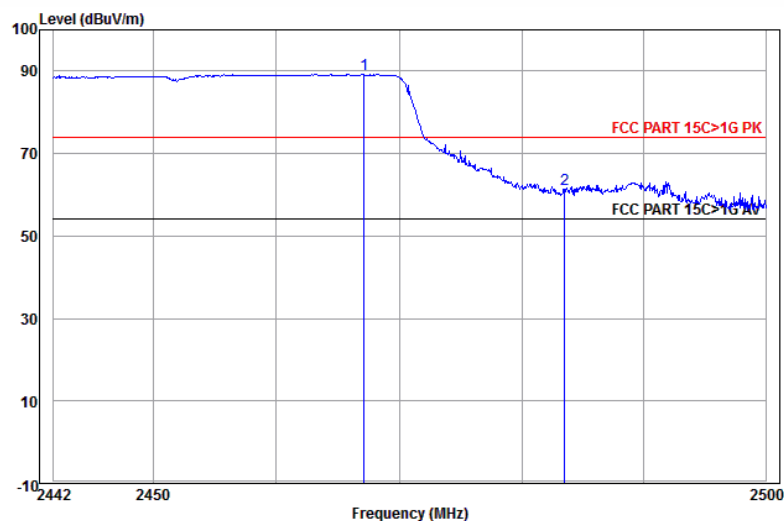
	Ant Freq	Cable Factor	Preamp Loss	Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1	2390.000	32.53	3.15	34.39	47.63	48.92	74.00	-25.08	Vertical	
2 pp	2406.104	32.57	3.17	34.39	84.02	85.37	74.00	11.37	Vertical	

Worse case mode:	802.11n(HT40) (13.5Mbps)		
Frequency: 2390.0MHz	Test channel: Lowest	Polarization: Vertical	Remark: Average



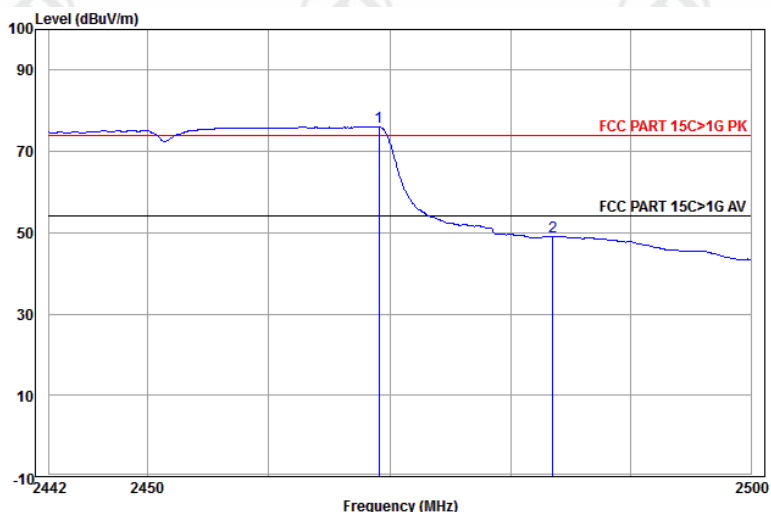
	Ant Freq	Cable Loss	Preamp Factor	Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1	2390.000	32.53	3.15	34.39	38.86	40.15	54.00	-13.85	Vertical	Average
2 pp	2419.018	32.59	3.17	34.39	76.88	78.25	54.00	24.25	Vertical	Average

Worse case mode:	802.11n(HT40) (13..5Mbps)		
Frequency: 2483.5MHz	Test channel:Highest	Polarization: Horizontal	Remark: Peak



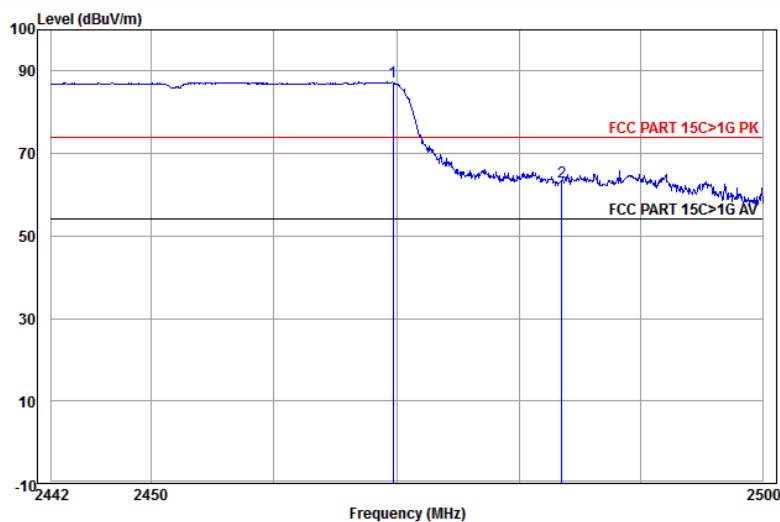
	Ant Freq	Cable Factor	Preamp Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1	pp 2467.121	32.68	3.21	34.40	87.81	89.30	74.00	15.30	Horizontal	
2	2483.500	32.71	3.22	34.41	59.69	61.21	74.00	-12.79	Horizontal	

Worse case mode:	802.11n(HT40) (13..5Mbps)		
Frequency: 2483.5MHz	Test channel:Highest	Polarization: Horizontal	Remark: Average



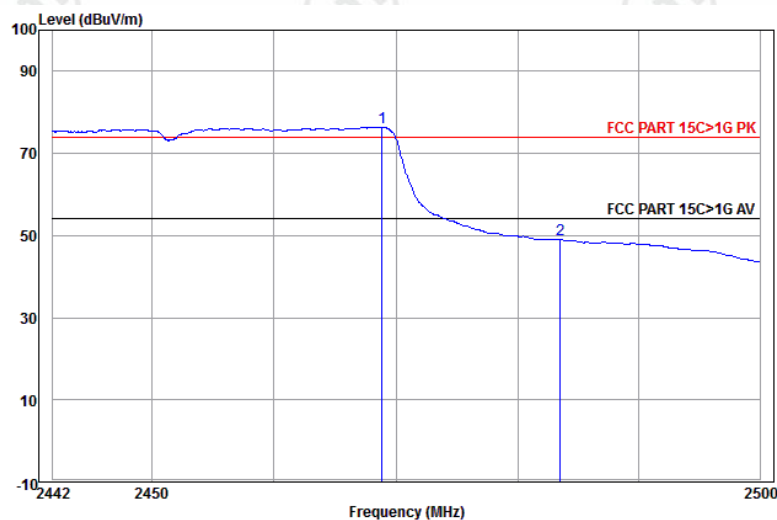
	Ant Freq	Cable Factor	Preamp Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1	pp 2469.091	32.69	3.21	34.40	74.60	76.10	54.00	22.10	Horizontal Average	
2	2483.500	32.71	3.22	34.41	47.44	48.96	54.00	-5.04	Horizontal Average	

Worse case mode:	802.11n(HT40) (13..5Mbps)		
Frequency: 2483.5MHz	Test channel:Highest	Polarization: Vertical	Remark: Peak



		Ant	Cable	Preamp	Read	Limit	Over		
	Freq	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1	pp 2469.670	32.69	3.21	34.40	85.85	87.35	74.00	13.35	Vertical
2	2483.500	32.71	3.22	34.41	61.53	63.05	74.00	-10.95	Vertical

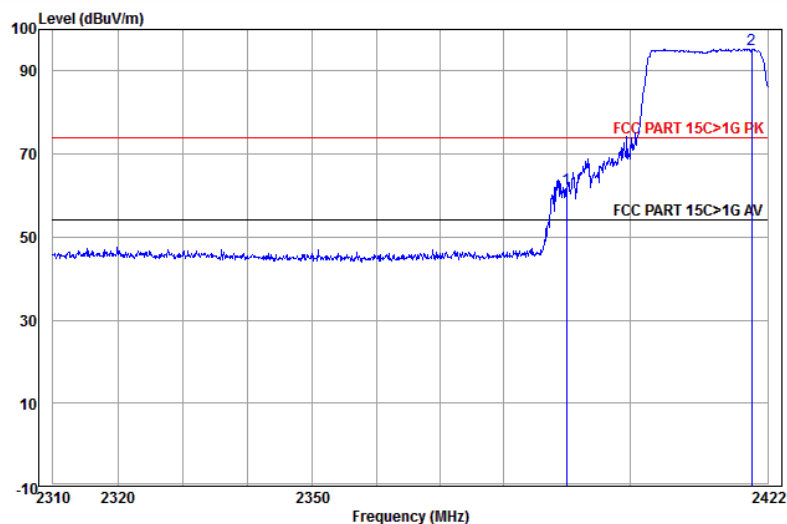
Worse case mode:	802.11n(HT40) (13..5Mbps)		
Frequency: 2483.5MHz	Test channel:Highest	Polarization: Vertical	Remark: Average



		Ant	Cable	Preamp	Read	Limit	Over		
	Freq	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1	pp 2468.859	32.69	3.21	34.40	74.94	76.44	54.00	22.44	Vertical Average
2	2483.500	32.71	3.22	34.41	47.48	49.00	54.00	-5.00	Vertical Average

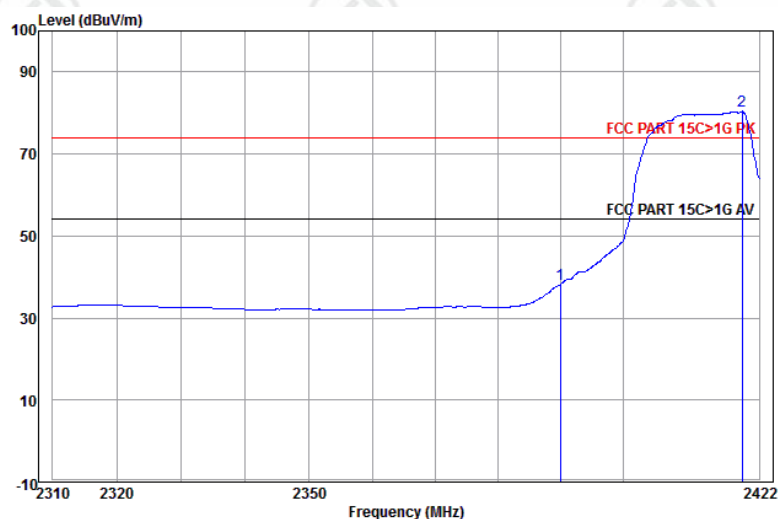
Antenna 1+Antenna 2

Worse case mode:	802.11n(HT20) (6.5Mbps)		
Frequency: 2390.0MHz	Test channel: Lowest	Polarization: Horizontal	Remark: Peak



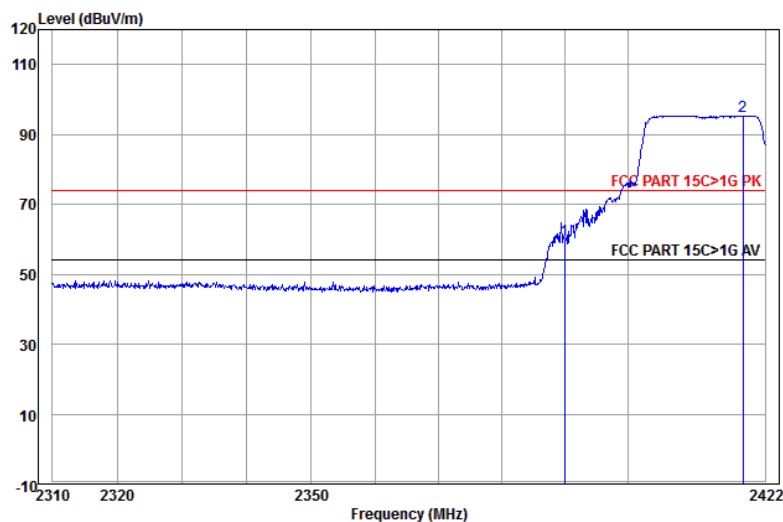
	Frequency (MHz)	Ant Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	dB		
1	2390.000	32.53	3.15	34.39	60.28	61.57	74.00	-12.43		Horizontal	
2 pp	2419.479	32.59	3.17	34.39	93.92	95.29	74.00	21.29		Horizontal	

Worse case mode:	802.11n(HT20) (6.5Mbps)		
Frequency: 2390.0MHz	Test channel: Lowest	Polarization: Horizontal	Remark: Average



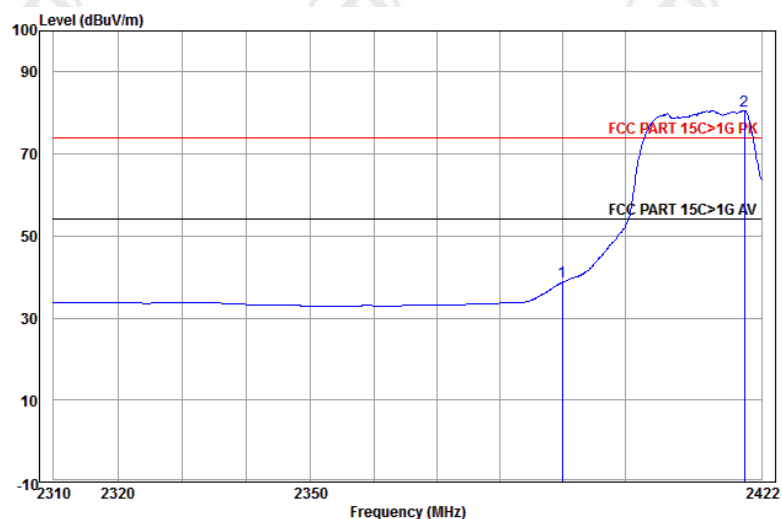
	Frequency (MHz)	Ant Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	dB		
1	2390.000	32.53	3.15	34.39	36.88	38.17	54.00	-15.83		Horizontal	Average
2 pp	2419.250	32.59	3.17	34.39	79.01	80.38	54.00	26.38		Horizontal	Average

Worse case mode:	802.11n(HT20) (6.5Mbps)		
Frequency: 2390.0MHz	Test channel: Lowest	Polarization: Vertical	Remark: Peak



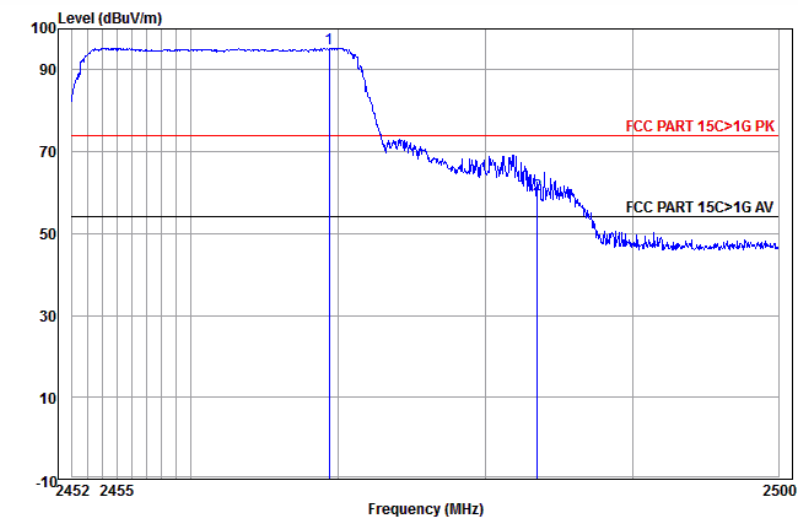
	Ant	Cable	Preamp	Read	Limit	Over		
Freq	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1 2390.000	32.53	3.15	34.39	58.44	59.73	74.00	-14.27	Vertical
2 pp 2418.448	32.59	3.17	34.39	93.96	95.33	74.00	21.33	Vertical

Worse case mode:	802.11n(HT20) (6.5Mbps)		
Frequency: 2390.0MHz	Test channel: Lowest	Polarization: Vertical	Remark: Average



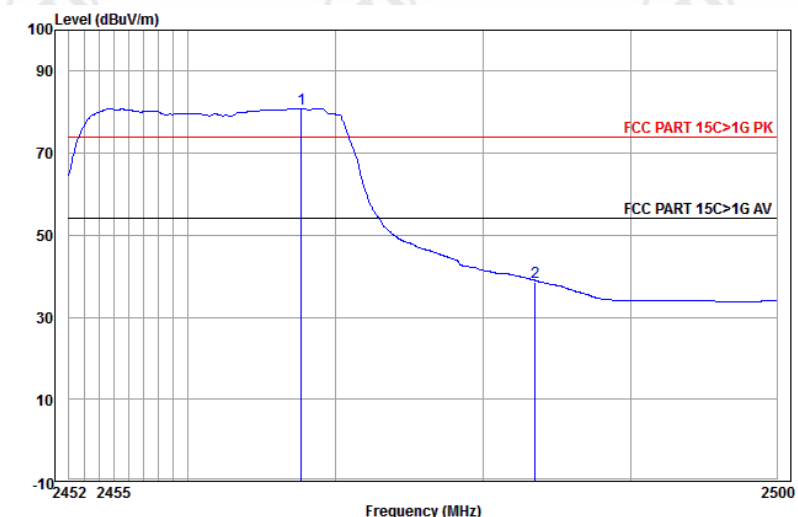
	Ant	Cable	Preamp	Read	Limit	Over		
Freq	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1 2390.000	32.53	3.15	34.39	37.45	38.74	54.00	-15.26	Vertical Average
2 pp 2419.250	32.59	3.17	34.39	79.29	80.66	54.00	26.66	Vertical Average

Worse case mode:	802.11n(HT20) (6.5Mbps)		
Frequency: 2483.5MHz	Test channel: Highest	Polarization: Horizontal	Remark: Peak



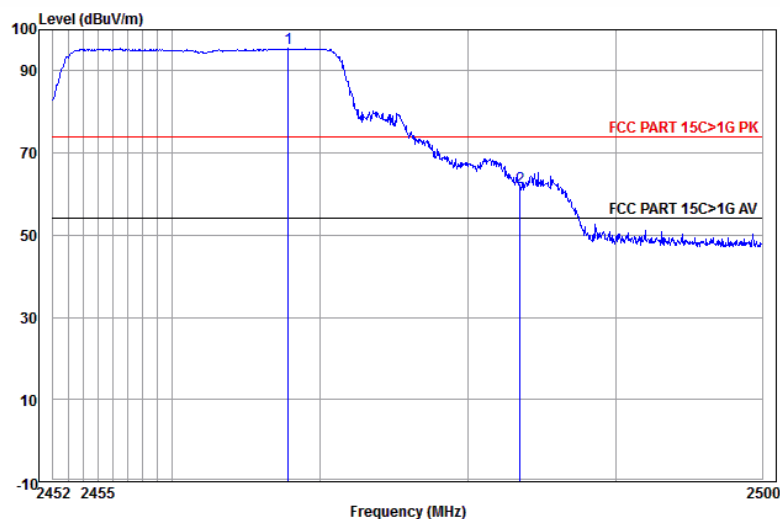
	Ant	Cable	Preamp	Read	Limit	Over		
Freq	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 2469.365	32.69	3.21	34.40	93.79	95.29	74.00	21.29	Horizontal
2 2483.500	32.71	3.22	34.41	58.16	59.68	74.00	-14.32	Horizontal

Worse case mode:	802.11n(HT20) (6.5Mbps)		
Frequency: 2483.5MHz	Test channel: Highest	Polarization: Horizontal	Remark: Average



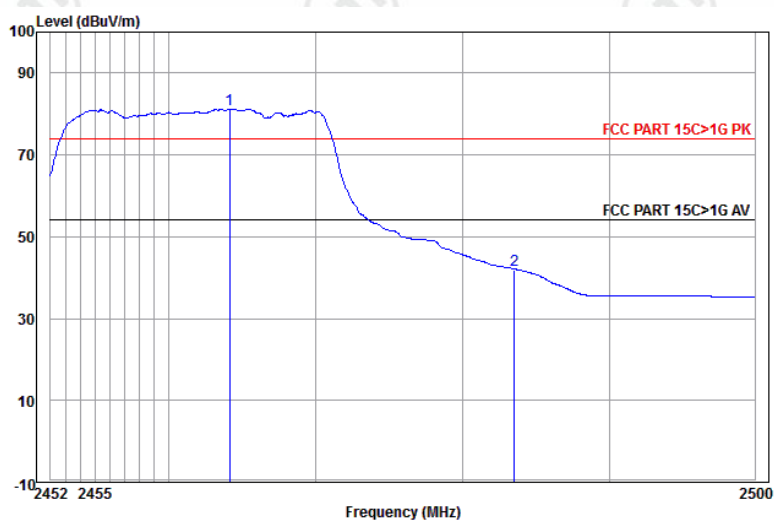
	Ant	Cable	Preamp	Read	Limit	Over		
Freq	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 2467.642	32.68	3.21	34.40	79.43	80.92	54.00	26.92	Horizontal Average
2 2483.500	32.71	3.22	34.41	37.16	38.68	54.00	-15.32	Horizontal Average

Worse case mode:	802.11n(HT20) (6.5Mbps)		
Frequency: 2483.5MHz	Test channel: Highest	Polarization: Vertical	Remark: Peak



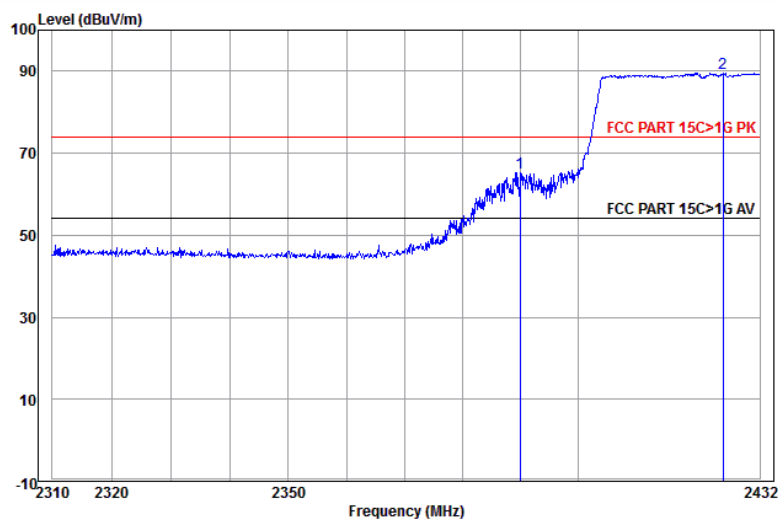
	Ant	Cable	Preamp	Read	Limit	Over		
Freq	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 2467.833	32.68	3.21	34.40	93.92	95.41	74.00	21.41	Vertical
2 2483.500	32.71	3.22	34.41	60.00	61.52	74.00	-12.48	Vertical

Worse case mode:	802.11n(HT20) (6.5Mbps)		
Frequency: 2483.5MHz	Test channel: Highest	Polarization: Vertical	Remark: Average



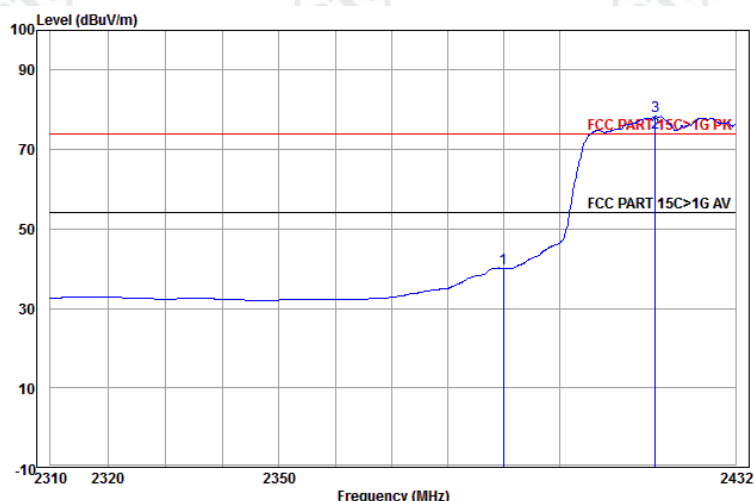
	Ant	Cable	Preamp	Read	Limit	Over		
Freq	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 2464.104	32.68	3.20	34.40	79.66	81.14	54.00	27.14	Vertical Average
2 2483.500	32.71	3.22	34.41	40.35	41.87	54.00	-12.13	Vertical Average

Worse case mode:	802.11n(HT40) (13..5Mbps)		
Frequency: 2390.0MHz	Test channel: Lowest	Polarization: Horizontal	Remark: Peak



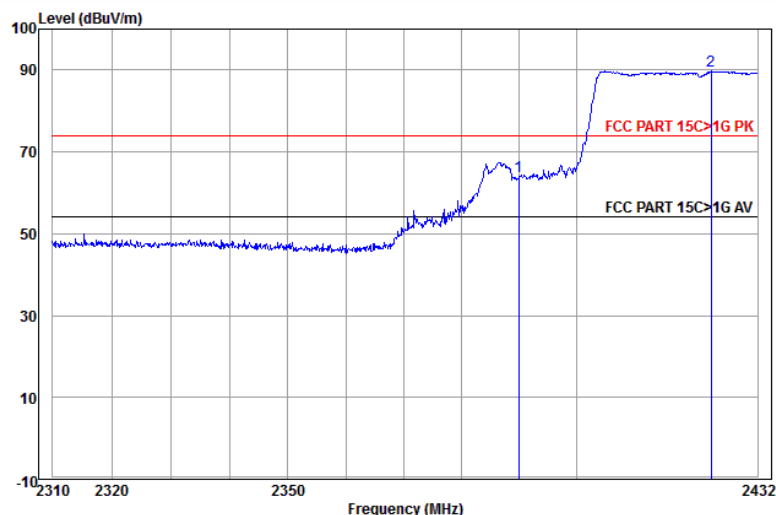
	Ant Freq	Cable Factor	Preamp Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1	2390.000	32.53	3.15	34.39	64.01	65.30	74.00	-8.70	Horizontal	
2 pp	2425.500	32.60	3.18	34.40	88.17	89.55	74.00	15.55	Horizontal	

Worse case mode:	802.11n(HT40) (13..5Mbps)		
Frequency: 2390.0MHz	Test channel: Lowest	Polarization: Horizontal	Remark: Average



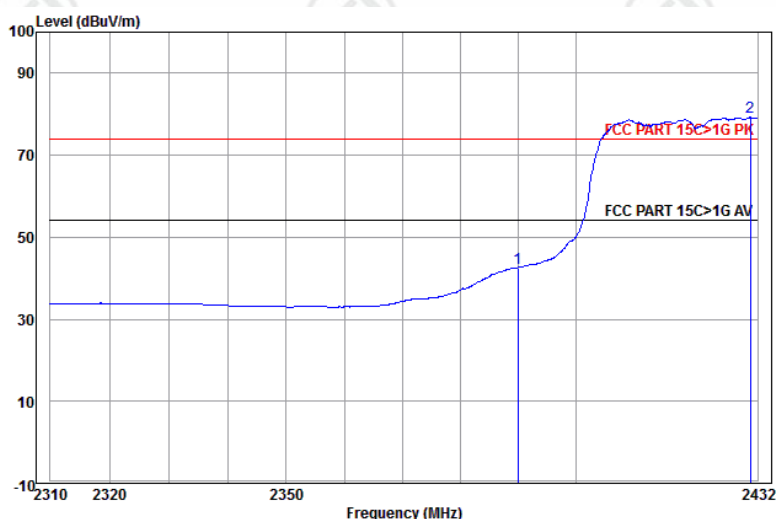
	Ant Freq	Cable Factor	Preamp Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1	2390.000	32.53	3.15	34.39	38.64	39.93	54.00	-14.07	Horizontal	Average
2 *	2417.400	32.59	3.17	34.39	72.80	74.17	54.00	20.17	Horizontal	Average
3 pp	2417.400	32.59	3.17	34.39	77.00	78.37	54.00	24.37	Horizontal	Average

Worse case mode:	802.11n(HT40) (13.5Mbps)		
Frequency: 2390.0MHz	Test channel: Lowest	Polarization: Vertical	Remark: Peak



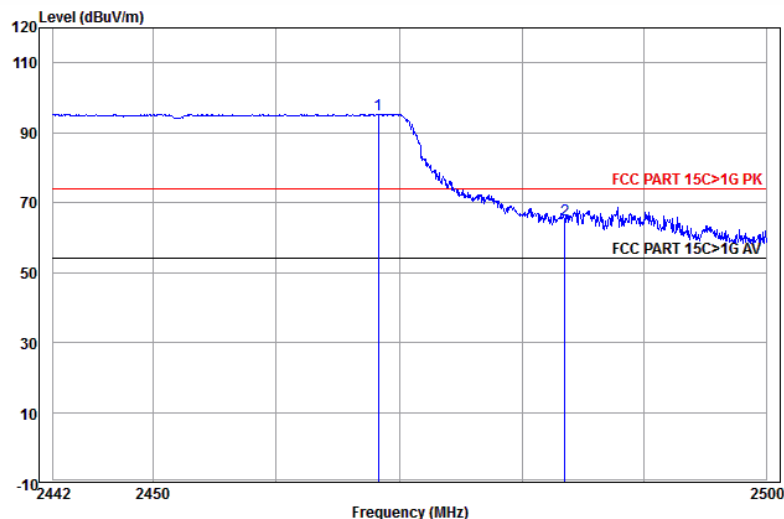
	Ant Freq	Cable Factor	Preamp Loss	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1	2390.000	32.53	3.15	34.39	62.83	64.12	74.00	-9.88	Vertical
2 pp	2423.753	32.60	3.18	34.39	88.29	89.68	74.00	15.68	Vertical

Worse case mode:	802.11n(HT40) (13.5Mbps)		
Frequency: 2390.0MHz	Test channel: Lowest	Polarization: Vertical	Remark: Average



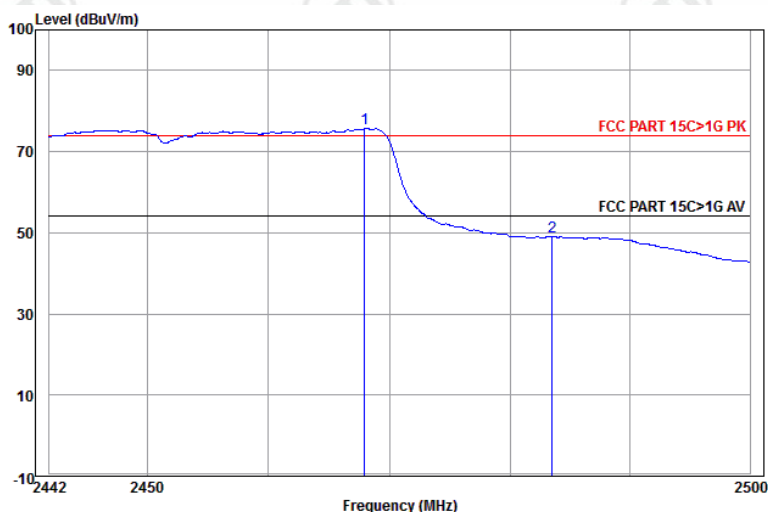
	Ant Freq	Cable Factor	Preamp Loss	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1	2390.000	32.53	3.15	34.39	41.25	42.54	54.00	-11.46	Vertical Average
2 pp	2430.749	32.61	3.18	34.40	77.92	79.31	54.00	25.31	Vertical Average

Worse case mode:	802.11n(HT40) (13..5Mbps)		
Frequency: 2483.5MHz	Test channel:Highest	Polarization: Horizontal	Remark: Peak



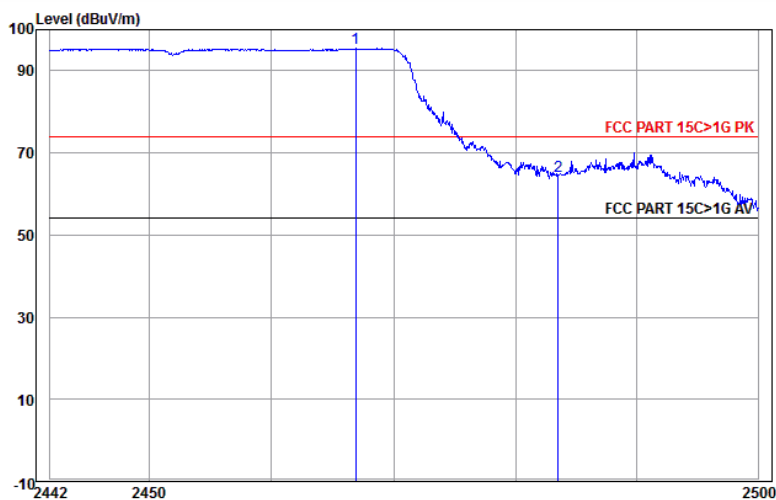
	Ant Freq	Cable Factor	Preamp Loss	Preamp Factor	Read Level	Level	Limit	Over	Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB			
1 pp	2468.279	32.69	3.21	34.40	93.77	95.27	74.00	21.27	Horizontal		
2	2483.500	32.71	3.22	34.41	63.45	64.97	74.00	-9.03	Horizontal		

Worse case mode:	802.11n(HT40) (13.5Mbps)		
Frequency: 2483.5MHz	Test channel:Highest	Polarization: Horizontal	Remark: Average



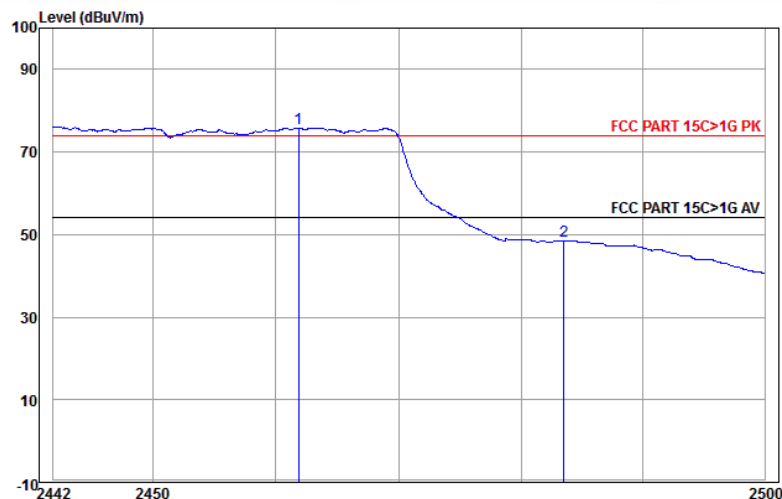
	Ant Freq	Cable Factor	Preamp Loss	Preamp Factor	Read Level	Level	Limit	Over	Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB			
1 pp	2467.932	32.69	3.21	34.40	74.20	75.70	54.00	21.70	Horizontal	Average	
2	2483.500	32.71	3.22	34.41	47.64	49.16	54.00	-4.84	Horizontal	Average	

Worse case mode:	802.11n(HT40) (13..5Mbps)		
Frequency: 2483.5MHz	Test channel:Highest	Polarization: Vertical	Remark: Peak



	Ant Freq	Cable Factor	Preamp Loss	Read Level	Level	Limit	Over	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1	pp 2466.889	32.68	3.21	34.40	93.89	95.38	74.00	21.38	Vertical
2	2483.500	32.71	3.22	34.41	62.74	64.26	74.00	-9.74	Vertical

Worse case mode:	802.11n(HT40) (13..5Mbps)		
Frequency: 2483.5MHz	Test channel:Highest	Polarization: Vertical	Remark: Average



	Ant Freq	Cable Factor	Preamp Loss	Read Level	Level	Limit	Over	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1	pp 2461.856	32.67	3.20	34.40	74.37	75.84	54.00	21.84	Vertical Average
2	2483.500	32.71	3.22	34.41	46.83	48.35	54.00	-5.65	Vertical Average

Note:

1) Through Pre-scan transmitting mode with all kind of modulation and data rate, find the 11Mbps of rate is the worst case of 802.11b; 6Mbps of rate is the worst case of 802.11g; 6.5Mbps of rate is the worst case of 802.11n(HT20) ; 13.5Mbps 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

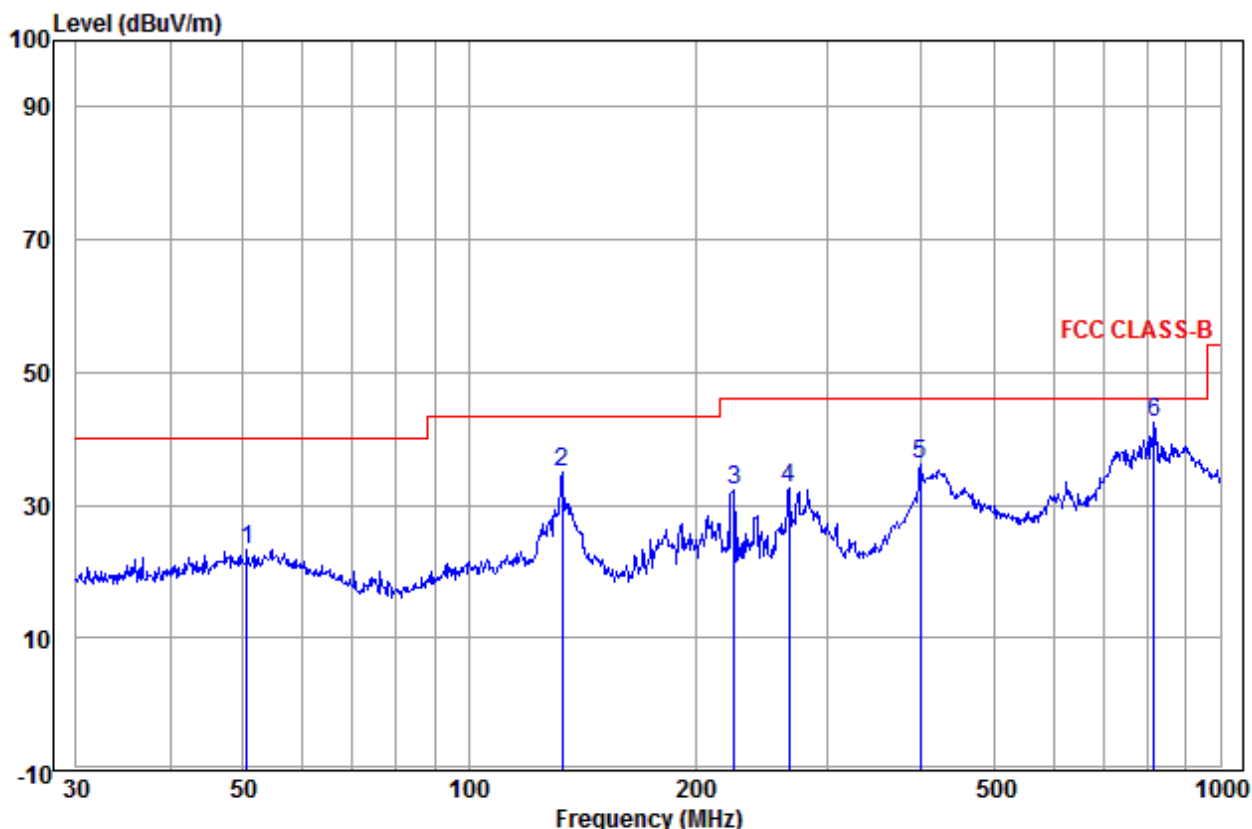
Appendix I): Radiated Spurious Emissions

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 rotatable was turned from 0 degrees to 360 degrees to find the maximum reading. e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.					
Above 1GHz test procedure as below:					
g. Different between above is the test site, change from Semi- Anechoic Chamber to fully Anechoic Chamber and change form table 0.8 meter to 1.5 meter(Above 18GHz the distance is 1 meter and table is 1.5 meter).. h. Test the EUT in the lowest channel ,the middle channel ,the Highest channel i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is worse case. j. Repeat above procedures until all frequencies measured was complete.					
Limit:	Frequency	Field strength (microvolt/meter)	Limit (dBμV/m)	Remark	Measurement distance (m)
	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.					

Radiated Spurious Emissions test Data: **Radiated Emission below 1GHz**

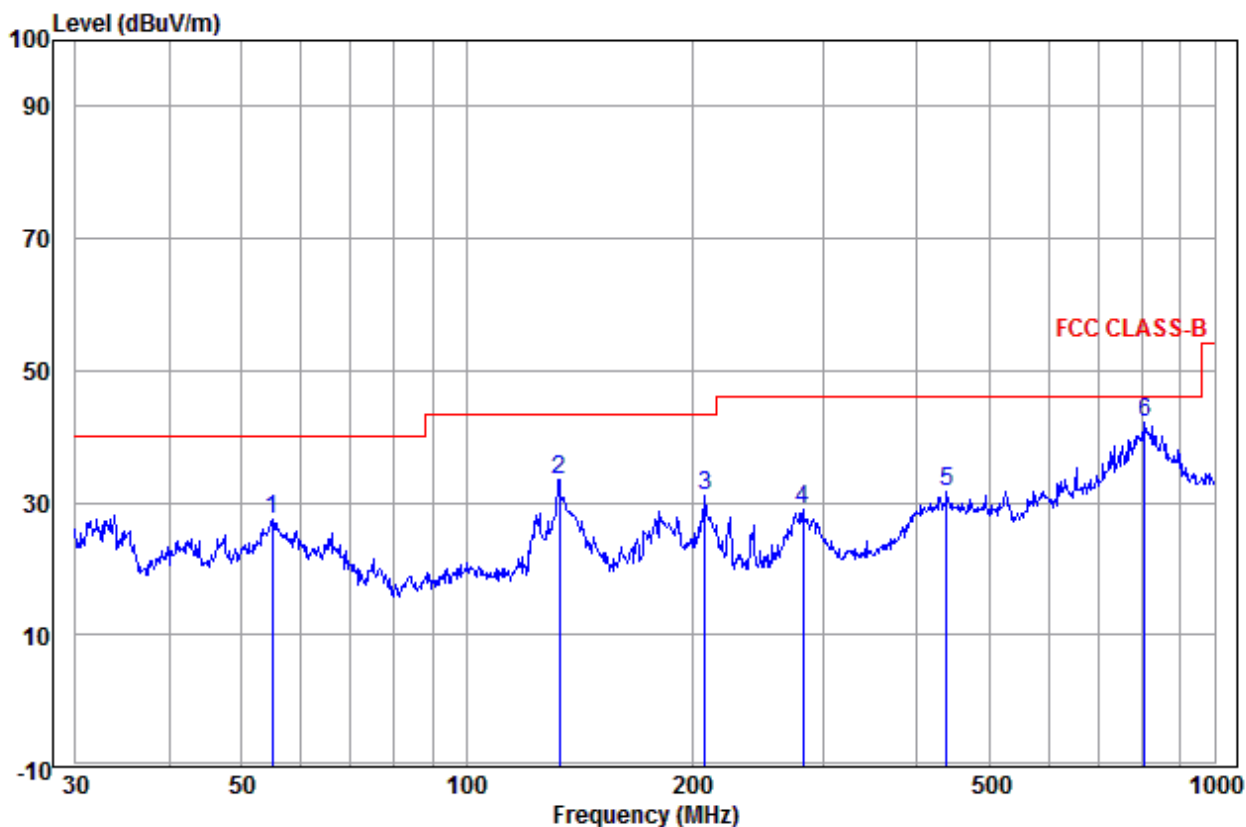
30MHz~1GHz (QP)

Test mode:	Transmitting	Horizontal
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	Ant Freq	Cable Factor	Read Level	Limit Level	Over Line	Pol/Phase	Remark
	MHz	dB/m	dB	dBuV	dBuV/m	dB	
1	50.586	15.02	1.40	6.91	23.33	40.00	-16.67 Horizontal
2	133.151	10.73	1.58	22.55	34.86	43.50	-8.64 Horizontal
3	225.308	12.03	2.28	17.92	32.23	46.00	-13.77 Horizontal
4	266.609	12.79	2.36	17.37	32.52	46.00	-13.48 Horizontal
5	399.030	16.27	2.80	17.21	36.28	46.00	-9.72 Horizontal
6 pp	815.968	21.70	3.94	16.94	42.58	46.00	-3.42 Horizontal

Test mode:	Transmitting	Vertical
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	Ant Freq	Cable Factor	Read Loss	Level	Level	Limit	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	55.027	14.42	1.42	11.66	27.50	40.00	-12.50	Vertical	
2	133.151	10.73	1.58	21.20	33.51	43.50	-9.99	Vertical	
3	208.580	11.75	2.24	17.08	31.07	43.50	-12.43	Vertical	
4	281.995	13.13	2.37	13.41	28.91	46.00	-17.09	Vertical	
5	438.655	16.93	2.95	11.83	31.71	46.00	-14.29	Vertical	
6 pp	807.429	21.65	3.88	16.56	42.09	46.00	-3.91	Vertical	

Note:

1) All modes and antenna are tested, and found the antenna 1 which is worst case, so only the worst case mode is recorded in the report.

Transmitter Emission above 1GHz
Antenna 1

Test mode: 802.11b(11Mbps)			Test Frequency: 2412MHz			Remark: Peak			
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
1219.635	30.27	2.54	34.94	47.61	45.48	74.00	-28.52	Pass	Horizontal
1846.834	31.47	3.12	34.40	46.49	46.68	74.00	-27.32	Pass	Horizontal
2500.251	32.75	4.55	34.41	45.98	48.87	74.00	-25.13	Pass	Horizontal
4824.000	34.73	5.10	34.35	42.62	48.10	74.00	-25.90	Pass	Horizontal
7236.000	36.42	6.69	34.90	39.28	47.49	74.00	-26.51	Pass	Horizontal
9648.000	37.93	7.70	35.07	37.91	48.47	74.00	-25.53	Pass	Horizontal
1188.980	30.20	2.50	34.98	47.58	45.30	74.00	-28.70	Pass	Vertical
1651.146	31.15	2.96	34.55	46.16	45.72	74.00	-28.28	Pass	Vertical
2081.550	31.89	3.47	34.32	46.95	47.99	74.00	-26.01	Pass	Vertical
4824.000	34.73	5.10	34.35	44.63	50.11	74.00	-23.89	Pass	Vertical
7236.000	36.42	6.69	34.90	42.01	50.22	74.00	-23.78	Pass	Vertical
9648.000	37.93	7.70	35.07	39.19	49.75	74.00	-24.25	Pass	Vertical

Test mode: 802.11b(11Mbps)			Test Frequency: 2437MHz			Remark: Peak			
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
1188.980	30.20	2.50	34.98	47.54	45.26	74.00	-28.74	Pass	Horizontal
1617.862	31.09	2.93	34.58	46.57	46.01	74.00	-27.99	Pass	Horizontal
2065.715	31.85	3.42	34.32	45.97	46.92	74.00	-27.08	Pass	Horizontal
4874.000	34.84	5.09	34.33	41.56	47.16	74.00	-26.84	Pass	Horizontal
7311.000	36.43	6.76	34.90	39.26	47.55	74.00	-26.45	Pass	Horizontal
9748.000	38.03	7.61	35.05	38.20	48.79	74.00	-25.21	Pass	Horizontal
1198.095	30.22	2.51	34.97	47.57	45.33	74.00	-28.67	Pass	Vertical
1413.674	30.70	2.74	34.75	46.76	45.45	74.00	-28.55	Pass	Vertical
1860.992	31.49	3.13	34.39	46.13	46.36	74.00	-27.64	Pass	Vertical
4874.000	34.84	5.09	34.33	42.17	47.77	74.00	-26.23	Pass	Vertical
7311.000	36.43	6.76	34.90	38.73	47.02	74.00	-26.98	Pass	Vertical
9748.000	38.03	7.61	35.05	38.83	49.42	74.00	-24.58	Pass	Vertical

Test mode: 802.11b(11Mbps)			Test Frequency: 2462MHz			Remark: Peak			
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
1173.943	30.16	2.48	34.99	47.37	45.02	74.00	-28.98	Pass	Horizontal
1450.122	30.77	2.78	34.72	46.72	45.55	74.00	-28.45	Pass	Horizontal
2092.175	31.91	3.50	34.32	46.63	47.72	74.00	-26.28	Pass	Horizontal
4924.000	34.94	5.07	34.32	42.65	48.34	74.00	-25.66	Pass	Horizontal
7386.000	36.44	6.83	34.90	41.79	50.16	74.00	-23.84	Pass	Horizontal
9848.000	38.14	7.53	35.03	39.75	50.39	74.00	-23.61	Pass	Horizontal
1188.980	30.20	2.50	34.98	47.67	45.39	74.00	-28.61	Pass	Vertical
1626.120	31.10	2.94	34.57	46.44	45.91	74.00	-28.09	Pass	Vertical
1837.456	31.46	3.11	34.41	46.15	46.31	74.00	-27.69	Pass	Vertical
4924.000	34.94	5.07	34.32	41.57	47.26	74.00	-26.74	Pass	Vertical
7386.000	36.44	6.83	34.90	39.21	47.58	74.00	-26.42	Pass	Vertical
9848.000	38.14	7.53	35.03	38.77	49.41	74.00	-24.59	Pass	Vertical

Test mode: 802.11g(6Mbps)			Test Frequency: 2412MHz			Remark: Peak			
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
1195.049	30.21	2.51	34.97	48.22	45.97	74.00	-28.03	Pass	Horizontal
1668.044	31.18	2.98	34.54	47.00	46.62	74.00	-27.38	Pass	Horizontal
2097.507	31.92	3.51	34.32	46.07	47.18	74.00	-26.82	Pass	Horizontal
4824.000	34.73	5.10	34.35	42.82	48.30	74.00	-25.70	Pass	Horizontal
7236.000	36.42	6.69	34.90	40.74	48.95	74.00	-25.05	Pass	Horizontal
9648.000	37.93	7.70	35.07	40.21	50.77	74.00	-23.23	Pass	Horizontal
1204.210	30.24	2.52	34.96	47.69	45.49	74.00	-28.51	Pass	Vertical
1851.542	31.48	3.12	34.40	47.17	47.37	74.00	-26.63	Pass	Vertical
4824.000	34.73	5.10	34.35	42.84	48.32	74.00	-25.68	Pass	Vertical
6315.233	36.07	7.11	34.50	41.05	49.73	74.00	-24.27	Pass	Vertical
7236.000	36.42	6.69	34.90	40.22	48.43	74.00	-25.57	Pass	Vertical
9648.000	37.93	7.70	35.07	37.54	48.10	74.00	-25.90	Pass	Vertical

Test mode: 802.11g(6Mbps)			Test Frequency: 2437MHz			Remark: Peak			
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
1207.279	30.24	2.52	34.96	47.10	44.90	74.00	-29.10	Pass	Horizontal
1842.139	31.46	3.11	34.41	46.71	46.87	74.00	-27.13	Pass	Horizontal
4874.000	34.84	5.09	34.33	41.27	46.87	74.00	-27.13	Pass	Horizontal
6544.350	36.18	6.89	34.64	41.87	50.30	74.00	-23.70	Pass	Horizontal
7311.000	36.43	6.76	34.90	38.82	47.11	74.00	-26.89	Pass	Horizontal
9748.000	38.03	7.61	35.05	38.23	48.82	74.00	-25.18	Pass	Horizontal
1201.149	30.23	2.52	34.96	48.20	45.99	74.00	-28.01	Pass	Vertical
1446.435	30.77	2.78	34.72	46.01	44.84	74.00	-29.16	Pass	Vertical
1856.261	31.48	3.13	34.40	46.81	47.02	74.00	-26.98	Pass	Vertical
4874.000	34.84	5.09	34.33	41.76	47.36	74.00	-26.64	Pass	Vertical
7311.000	36.43	6.76	34.90	39.68	47.97	74.00	-26.03	Pass	Vertical
9748.000	38.03	7.61	35.05	37.90	48.49	74.00	-25.51	Pass	Vertical

Test mode: 802.11g(6Mbps)			Test Frequency: 2462MHz			Remark: Peak			
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
1204.210	30.24	2.52	34.96	47.48	45.28	74.00	-28.72	Pass	Horizontal
1638.585	31.12	2.95	34.56	46.56	46.07	74.00	-27.93	Pass	Horizontal
2113.586	31.96	3.56	34.33	46.57	47.76	74.00	-26.24	Pass	Horizontal
4924.000	34.94	5.07	34.32	42.40	48.09	74.00	-25.91	Pass	Horizontal
7386.000	36.44	6.83	34.90	39.10	47.47	74.00	-26.53	Pass	Horizontal
9848.000	38.14	7.53	35.03	38.40	49.04	74.00	-24.96	Pass	Horizontal
1198.095	30.22	2.51	34.97	48.00	45.76	74.00	-28.24	Pass	Vertical
1659.574	31.16	2.97	34.54	46.96	46.55	74.00	-27.45	Pass	Vertical
2304.663	32.36	4.07	34.37	46.06	48.12	74.00	-25.88	Pass	Vertical
4924.000	34.94	5.07	34.32	41.52	47.21	74.00	-26.79	Pass	Vertical
7386.000	36.44	6.83	34.90	41.63	50.00	74.00	-24.00	Pass	Vertical
9848.000	38.14	7.53	35.03	38.88	49.52	74.00	-24.48	Pass	Vertical

Test mode: 802.11n(HT20)(6.5Mbps)				Test Frequency: 2412MHz			Remark: Peak		
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
1182.943	30.18	2.50	34.98	48.27	45.97	74.00	-28.03	Pass	Horizontal
1676.558	31.19	2.98	34.53	46.14	45.78	74.00	-28.22	Pass	Horizontal
2081.550	31.89	3.47	34.32	46.81	47.85	74.00	-26.15	Pass	Horizontal
4824.000	34.73	5.10	34.35	43.26	48.74	74.00	-25.26	Pass	Horizontal
7236.000	36.42	6.69	34.90	39.23	47.44	74.00	-26.56	Pass	Horizontal
9648.000	37.93	7.70	35.07	40.11	50.67	74.00	-23.33	Pass	Horizontal
1192.011	30.21	2.51	34.97	48.04	45.79	74.00	-28.21	Pass	Vertical
1626.120	31.10	2.94	34.57	46.83	46.30	74.00	-27.70	Pass	Vertical
1842.139	31.46	3.11	34.41	46.58	46.74	74.00	-27.26	Pass	Vertical
4824.000	34.73	5.10	34.35	42.81	48.29	74.00	-25.71	Pass	Vertical
7236.000	36.42	6.69	34.90	39.07	47.28	74.00	-26.72	Pass	Vertical
9648.000	37.93	7.70	35.07	39.07	49.63	74.00	-24.37	Pass	Vertical

Test mode: 802.11n(HT20)(6.5Mbps)				Test Frequency: 2437MHz			Remark: Peak		
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
1195.049	30.21	2.51	34.97	47.48	45.23	74.00	-28.77	Pass	Horizontal
1626.120	31.10	2.94	34.57	46.11	45.58	74.00	-28.42	Pass	Horizontal
2097.507	31.92	3.51	34.32	46.31	47.42	74.00	-26.58	Pass	Horizontal
4874.000	34.84	5.09	34.33	41.59	47.19	74.00	-26.81	Pass	Horizontal
7311.000	36.43	6.76	34.90	40.29	48.58	74.00	-25.42	Pass	Horizontal
9748.000	38.03	7.61	35.05	38.28	48.87	74.00	-25.13	Pass	Horizontal
1198.095	30.22	2.51	34.97	48.18	45.94	74.00	-28.06	Pass	Vertical
1655.354	31.15	2.97	34.55	46.77	46.34	74.00	-27.66	Pass	Vertical
2086.856	31.90	3.48	34.32	47.09	48.15	74.00	-25.85	Pass	Vertical
4874.000	34.84	5.09	34.33	42.00	47.60	74.00	-26.40	Pass	Vertical
7311.000	36.43	6.76	34.90	39.43	47.72	74.00	-26.28	Pass	Vertical
9748.000	38.03	7.61	35.05	39.15	49.74	74.00	-24.26	Pass	Vertical

Test mode: 802.11n(HT20)(6.5Mbps)				Test Frequency: 2462MHz			Remark: Peak		
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
1188.980	30.20	2.50	34.98	47.65	45.37	74.00	-28.63	Pass	Horizontal
1417.277	30.71	2.75	34.75	46.91	45.62	74.00	-28.38	Pass	Horizontal
2086.856	31.90	3.48	34.32	46.89	47.95	74.00	-26.05	Pass	Horizontal
4924.000	34.94	5.07	34.32	41.80	47.49	74.00	-26.51	Pass	Horizontal
7386.000	36.44	6.83	34.90	40.10	48.47	74.00	-25.53	Pass	Horizontal
9848.000	38.14	7.53	35.03	38.37	49.01	74.00	-24.99	Pass	Horizontal
1204.210	30.24	2.52	34.96	48.25	46.05	74.00	-27.95	Pass	Vertical
1638.585	31.12	2.95	34.56	47.14	46.65	74.00	-27.35	Pass	Vertical
2081.550	31.89	3.47	34.32	46.77	47.81	74.00	-26.19	Pass	Vertical
4924.000	34.94	5.07	34.32	41.92	47.61	74.00	-26.39	Pass	Vertical
7386.000	36.44	6.83	34.90	39.07	47.44	74.00	-26.56	Pass	Vertical
9848.000	38.14	7.53	35.03	36.66	47.30	74.00	-26.70	Pass	Vertical

Test mode: 802.11n(HT40)(13.5Mbps)				Test Frequency: 2422MHz			Remark: Peak		
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
1192.011	30.21	2.51	34.97	48.21	45.96	74.00	-28.04	Pass	Horizontal
1613.749	31.08	2.93	34.58	46.63	46.06	74.00	-27.94	Pass	Horizontal
2322.330	32.40	4.11	34.37	46.20	48.34	74.00	-25.66	Pass	Horizontal
4844.000	34.77	5.10	34.34	41.68	47.21	74.00	-26.79	Pass	Horizontal
7266.000	36.43	6.72	34.90	39.38	47.63	74.00	-26.37	Pass	Horizontal
9688.000	37.97	7.66	35.06	38.95	49.52	74.00	-24.48	Pass	Horizontal
1195.049	30.21	2.51	34.97	48.25	46.00	74.00	-28.00	Pass	Vertical
1846.834	31.47	3.12	34.40	47.50	47.69	74.00	-26.31	Pass	Vertical
4844.000	34.77	5.10	34.34	41.53	47.06	74.00	-26.94	Pass	Vertical
7266.000	36.43	6.72	34.90	39.51	47.76	74.00	-26.24	Pass	Vertical
8637.084	36.96	7.94	35.10	40.66	50.46	74.00	-23.54	Pass	Vertical
9688.000	37.97	7.66	35.06	38.04	48.61	74.00	-25.39	Pass	Vertical

Test mode: 802.11n(HT40)(13.5Mbps)				Test Frequency: 2437MHz			Remark: Peak		
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
1198.095	30.22	2.51	34.97	47.71	45.47	74.00	-28.53	Pass	Horizontal
1609.646	31.07	2.93	34.58	46.43	45.85	74.00	-28.15	Pass	Horizontal
1856.261	31.48	3.13	34.40	46.92	47.13	74.00	-26.87	Pass	Horizontal
4874.000	34.84	5.09	34.33	41.08	46.68	74.00	-27.32	Pass	Horizontal
7311.000	36.43	6.76	34.90	39.16	47.45	74.00	-26.55	Pass	Horizontal
9748.000	38.03	7.61	35.05	39.56	50.15	74.00	-23.85	Pass	Horizontal
1188.980	30.20	2.50	34.98	48.31	46.03	74.00	-27.97	Pass	Vertical
1638.585	31.12	2.95	34.56	46.88	46.39	74.00	-27.61	Pass	Vertical
2081.550	31.89	3.47	34.32	46.80	47.84	74.00	-26.16	Pass	Vertical
4874.000	34.84	5.09	34.33	42.38	47.98	74.00	-26.02	Pass	Vertical
7311.000	36.43	6.76	34.90	39.33	47.62	74.00	-26.38	Pass	Vertical
9748.000	38.03	7.61	35.05	38.54	49.13	74.00	-24.87	Pass	Vertical

Test mode: 802.11n(HT40)(13.5Mbps)				Test Frequency: 2452MHz			Remark: Peak		
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
1213.441	30.26	2.53	34.95	47.54	45.38	74.00	-28.62	Pass	Horizontal
1605.554	31.07	2.92	34.59	47.19	46.59	74.00	-27.41	Pass	Horizontal
2086.856	31.90	3.48	34.32	47.32	48.38	74.00	-25.62	Pass	Horizontal
4904.000	34.90	5.07	34.33	42.62	48.26	74.00	-25.74	Pass	Horizontal
7356.000	36.44	6.80	34.90	38.59	46.93	74.00	-27.07	Pass	Horizontal
9808.000	38.10	7.56	35.04	38.36	48.98	74.00	-25.02	Pass	Horizontal
1198.095	30.22	2.51	34.97	49.50	47.26	74.00	-26.74	Pass	Vertical
1659.574	31.16	2.97	34.54	46.27	45.86	74.00	-28.14	Pass	Vertical
2304.663	32.36	4.07	34.37	46.40	48.46	74.00	-25.54	Pass	Vertical
4904.000	34.90	5.07	34.33	41.22	46.86	74.00	-27.14	Pass	Vertical
7356.000	36.44	6.80	34.90	38.57	46.91	74.00	-27.09	Pass	Vertical
9808.000	38.10	7.56	35.04	37.14	47.76	74.00	-26.24	Pass	Vertical

Antenna 2

Test mode: 802.11b(11Mbps)			Test Frequency: 2412MHz			Remark: Peak			
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
1198.095	30.22	2.40	34.97	47.58	45.23	74.00	-28.77	Pass	Horizontal
1450.122	30.77	2.57	34.72	47.07	45.69	74.00	-28.31	Pass	Horizontal
1856.261	31.48	2.79	34.40	46.18	46.05	74.00	-27.95	Pass	Horizontal
4824.000	34.73	6.72	34.35	42.84	49.94	74.00	-24.06	Pass	Horizontal
7236.000	36.42	8.38	34.90	38.64	48.54	74.00	-25.46	Pass	Horizontal
9648.000	37.93	7.63	35.07	36.51	47.00	74.00	-27.00	Pass	Horizontal
1198.095	30.22	2.40	34.97	48.39	46.04	74.00	-27.96	Pass	Vertical
1439.090	30.75	2.57	34.73	47.25	45.84	74.00	-28.16	Pass	Vertical
1884.829	31.53	2.81	34.38	46.76	46.72	74.00	-27.28	Pass	Vertical
4824.000	34.73	6.72	34.35	43.49	50.59	74.00	-23.41	Pass	Vertical
7236.000	36.42	8.38	34.90	39.92	49.82	74.00	-24.18	Pass	Vertical
9648.000	37.93	7.63	35.07	38.16	48.65	74.00	-25.35	Pass	Vertical

Test mode: 802.11b(11Mbps)			Test Frequency: 2437MHz			Remark: Peak			
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
1179.935	30.18	2.39	34.99	48.93	46.51	74.00	-27.49	Pass	Horizontal
1435.431	30.74	2.56	34.73	46.51	45.08	74.00	-28.92	Pass	Horizontal
1870.490	31.51	2.80	34.39	47.86	47.78	74.00	-26.22	Pass	Horizontal
4874.000	34.84	6.73	34.33	43.15	50.39	74.00	-23.61	Pass	Horizontal
7311.000	36.43	8.44	34.90	40.13	50.10	74.00	-23.90	Pass	Horizontal
9748.000	38.03	7.55	35.05	37.35	47.88	74.00	-26.12	Pass	Horizontal
1207.279	30.24	2.41	34.96	47.19	44.88	74.00	-29.12	Pass	Vertical
1446.435	30.77	2.57	34.72	46.92	45.54	74.00	-28.46	Pass	Vertical
1846.834	31.47	2.79	34.40	46.97	46.83	74.00	-27.17	Pass	Vertical
4874.000	34.84	6.73	34.33	41.35	48.59	74.00	-25.41	Pass	Vertical
7311.000	36.43	8.44	34.90	38.20	48.17	74.00	-25.83	Pass	Vertical
9748.000	38.03	7.55	35.05	38.25	48.78	74.00	-25.22	Pass	Vertical

Test mode: 802.11b(11Mbps)			Test Frequency: 2462MHz			Remark: Peak			
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
1207.279	30.24	2.41	34.96	47.43	45.12	74.00	-28.88	Pass	Horizontal
1461.238	30.79	2.58	34.71	46.51	45.17	74.00	-28.83	Pass	Horizontal
1842.139	31.46	2.79	34.41	47.01	46.85	74.00	-27.15	Pass	Horizontal
4924.000	34.94	6.74	34.32	42.22	49.58	74.00	-24.42	Pass	Horizontal
7386.000	36.44	8.50	34.90	38.25	48.29	74.00	-25.71	Pass	Horizontal
9848.000	38.14	7.47	35.03	36.47	47.05	74.00	-26.95	Pass	Horizontal
1204.210	30.24	2.41	34.96	48.72	46.41	74.00	-27.59	Pass	Vertical
1442.758	30.76	2.57	34.72	46.63	45.24	74.00	-28.76	Pass	Vertical
1685.115	31.21	2.71	34.52	47.69	47.09	74.00	-26.91	Pass	Vertical
4924.000	34.94	6.74	34.32	43.21	50.57	74.00	-23.43	Pass	Vertical
7386.000	36.44	8.50	34.90	39.47	49.51	74.00	-24.49	Pass	Vertical
9848.000	38.14	7.47	35.03	37.74	48.32	74.00	-25.68	Pass	Vertical

Test mode: 802.11g(6Mbps)			Test Frequency: 2412MHz			Remark: Peak			
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
1204.210	30.24	2.41	34.96	46.11	43.80	74.00	-30.20	Pass	Horizontal
1634.419	31.12	2.68	34.56	45.19	44.43	74.00	-29.57	Pass	Horizontal
1865.735	31.50	2.80	34.39	45.36	45.27	74.00	-28.73	Pass	Horizontal
4824.000	34.73	6.72	34.35	40.38	47.48	74.00	-26.52	Pass	Horizontal
7236.000	36.42	8.38	34.90	37.10	47.00	74.00	-27.00	Pass	Horizontal
9648.000	37.93	7.63	35.07	38.68	49.17	74.00	-24.83	Pass	Horizontal
1188.980	30.20	2.39	34.98	47.58	45.19	74.00	-28.81	Pass	Vertical
1402.920	30.68	2.54	34.76	47.17	45.63	74.00	-28.37	Pass	Vertical
1856.261	31.48	2.79	34.40	46.61	46.48	74.00	-27.52	Pass	Vertical
4824.000	34.73	6.72	34.35	41.81	48.91	74.00	-25.09	Pass	Vertical
7236.000	36.42	8.38	34.90	37.52	47.42	74.00	-26.58	Pass	Vertical
9648.000	37.93	7.63	35.07	37.33	47.82	74.00	-26.18	Pass	Vertical

Test mode: 802.11g(6Mbps)			Test Frequency: 2437MHz			Remark: Peak			
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
1207.279	30.24	2.41	34.96	48.32	46.01	74.00	-27.99	Pass	Horizontal
1410.080	30.69	2.55	34.75	46.57	45.06	74.00	-28.94	Pass	Horizontal
1851.542	31.48	2.79	34.40	46.74	46.61	74.00	-27.39	Pass	Horizontal
4874.000	34.84	6.73	34.33	42.84	50.08	74.00	-23.92	Pass	Horizontal
7311.000	36.43	8.44	34.90	40.08	50.05	74.00	-23.95	Pass	Horizontal
9748.000	38.03	7.55	35.05	39.79	50.32	74.00	-23.68	Pass	Horizontal
1204.210	30.24	2.41	34.96	47.68	45.37	74.00	-28.63	Pass	Vertical
1435.431	30.74	2.56	34.73	46.23	44.80	74.00	-29.20	Pass	Vertical
1646.948	31.14	2.69	34.55	45.92	45.20	74.00	-28.80	Pass	Vertical
4874.000	34.84	6.73	34.33	42.49	49.73	74.00	-24.27	Pass	Vertical
7311.000	36.43	8.44	34.90	39.41	49.38	74.00	-24.62	Pass	Vertical
9748.000	38.03	7.55	35.05	38.95	49.48	74.00	-24.52	Pass	Vertical

Test mode: 802.11g(6Mbps)			Test Frequency: 2462MHz			Remark: Peak			
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
1192.011	30.21	2.40	34.97	47.08	44.72	74.00	-29.28	Pass	Horizontal
1385.177	30.64	2.53	34.78	46.40	44.79	74.00	-29.21	Pass	Horizontal
1856.261	31.48	2.79	34.40	46.24	46.11	74.00	-27.89	Pass	Horizontal
4924.000	34.94	6.74	34.32	43.18	50.54	74.00	-23.46	Pass	Horizontal
7386.000	36.44	8.50	34.90	37.94	47.98	74.00	-26.02	Pass	Horizontal
9848.000	38.14	7.47	35.03	37.72	48.30	74.00	-25.70	Pass	Horizontal
1201.149	30.23	2.40	34.96	47.51	45.18	74.00	-28.82	Pass	Vertical
1431.782	30.74	2.56	34.73	46.68	45.25	74.00	-28.75	Pass	Vertical
1846.834	31.47	2.79	34.40	46.20	46.06	74.00	-27.94	Pass	Vertical
4924.000	34.94	6.74	34.32	41.52	48.88	74.00	-25.12	Pass	Vertical
7386.000	36.44	8.50	34.90	39.30	49.34	74.00	-24.66	Pass	Vertical
9848.000	38.14	7.47	35.03	37.62	48.20	74.00	-25.80	Pass	Vertical

Test mode: 802.11n(HT20)(6.5Mbps)			Test Frequency: 2412MHz			Remark: Peak			
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
1179.935	30.18	2.39	34.99	47.08	44.66	74.00	-29.34	Pass	Horizontal
1424.511	30.72	2.56	34.74	46.65	45.19	74.00	-28.81	Pass	Horizontal
1638.585	31.12	2.68	34.56	46.40	45.64	74.00	-28.36	Pass	Horizontal
4824.000	34.73	6.72	34.35	42.86	49.96	74.00	-24.04	Pass	Horizontal
7236.000	36.42	8.38	34.90	38.35	48.25	74.00	-25.75	Pass	Horizontal
9648.000	37.93	7.63	35.07	37.72	48.21	74.00	-25.79	Pass	Horizontal
1213.441	30.26	2.41	34.95	47.45	45.17	74.00	-28.83	Pass	Vertical
1435.431	30.74	2.56	34.73	47.32	45.89	74.00	-28.11	Pass	Vertical
1634.419	31.12	2.68	34.56	46.18	45.42	74.00	-28.58	Pass	Vertical
4824.000	34.73	6.72	34.35	43.69	50.79	74.00	-23.21	Pass	Vertical
7236.000	36.42	8.38	34.90	38.73	48.63	74.00	-25.37	Pass	Vertical
9648.000	37.93	7.63	35.07	39.03	49.52	74.00	-24.48	Pass	Vertical

Test mode: 802.11n(HT20)(6.5Mbps)				Test Frequency: 2437MHz			Remark: Peak		
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
1198.095	30.22	2.40	34.97	47.43	45.08	74.00	-28.92	Pass	Horizontal
1453.818	30.78	2.57	34.71	46.54	45.18	74.00	-28.82	Pass	Horizontal
1638.585	31.12	2.68	34.56	46.96	46.20	74.00	-27.80	Pass	Horizontal
4874.000	34.84	6.73	34.33	43.14	50.38	74.00	-23.62	Pass	Horizontal
7311.000	36.43	8.44	34.90	40.39	50.36	74.00	-23.64	Pass	Horizontal
9748.000	38.03	7.55	35.05	37.49	48.02	74.00	-25.98	Pass	Horizontal
1185.958	30.19	2.39	34.98	47.19	44.79	74.00	-29.21	Pass	Vertical
1435.431	30.74	2.56	34.73	46.23	44.80	74.00	-29.20	Pass	Vertical
1856.261	31.48	2.79	34.40	46.57	46.44	74.00	-27.56	Pass	Vertical
4874.000	34.84	6.73	34.33	42.38	49.62	74.00	-24.38	Pass	Vertical
7311.000	36.43	8.44	34.90	39.60	49.57	74.00	-24.43	Pass	Vertical
9748.000	38.03	7.55	35.05	40.13	50.66	74.00	-23.34	Pass	Vertical

Test mode: 802.11n(HT20)(6.5Mbps)				Test Frequency: 2462MHz			Remark: Peak		
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
1188.980	30.20	2.39	34.98	47.32	44.93	74.00	-29.07	Pass	Horizontal
1453.818	30.78	2.57	34.71	46.48	45.12	74.00	-28.88	Pass	Horizontal
1842.139	31.46	2.79	34.41	46.81	46.65	74.00	-27.35	Pass	Horizontal
4924.000	34.94	6.74	34.32	41.77	49.13	74.00	-24.87	Pass	Horizontal
7386.000	36.44	8.50	34.90	40.43	50.47	74.00	-23.53	Pass	Horizontal
9848.000	38.14	7.47	35.03	37.36	47.94	74.00	-26.06	Pass	Horizontal
1204.210	30.24	2.41	34.96	47.06	44.75	74.00	-29.25	Pass	Vertical
1431.782	30.74	2.56	34.73	46.34	44.91	74.00	-29.09	Pass	Vertical
1856.261	31.48	2.79	34.40	46.60	46.47	74.00	-27.53	Pass	Vertical
4924.000	34.94	6.74	34.32	41.86	49.22	74.00	-24.78	Pass	Vertical
7386.000	36.44	8.50	34.90	37.92	47.96	74.00	-26.04	Pass	Vertical
9848.000	38.14	7.47	35.03	37.19	47.77	74.00	-26.23	Pass	Vertical

Test mode: 802.11n(HT40)(13.5Mbps)			Test Frequency: 2422MHz			Remark: Peak			
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
1195.049	30.21	2.40	34.97	47.18	44.82	74.00	-29.18	Pass	Horizontal
1439.090	30.75	2.57	34.73	46.14	44.73	74.00	-29.27	Pass	Horizontal
1642.761	31.13	2.68	34.56	47.00	46.25	74.00	-27.75	Pass	Horizontal
4904.000	34.90	6.74	34.33	43.39	50.70	74.00	-23.30	Pass	Horizontal
7356.000	36.44	8.48	34.90	40.88	50.90	74.00	-23.10	Pass	Horizontal
9808.000	38.10	7.50	35.04	37.61	48.17	74.00	-25.83	Pass	Horizontal
1204.210	30.24	2.41	34.96	47.91	45.60	74.00	-28.40	Pass	Vertical
1431.782	30.74	2.56	34.73	46.55	45.12	74.00	-28.88	Pass	Vertical
1659.574	31.16	2.69	34.54	46.36	45.67	74.00	-28.33	Pass	Vertical
4844.000	34.77	6.73	34.34	40.63	47.79	74.00	-26.21	Pass	Vertical
7266.000	36.43	8.40	34.90	38.37	48.30	74.00	-25.70	Pass	Vertical
9688.000	37.97	7.60	35.06	38.54	49.05	74.00	-24.95	Pass	Vertical

Test mode: 802.11n(HT40)(13.5Mbps)			Test Frequency: 2437MHz			Remark: Peak			
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
1195.049	30.21	2.40	34.97	47.94	45.58	74.00	-28.42	Pass	Horizontal
1642.761	31.13	2.68	34.56	46.55	45.80	74.00	-28.20	Pass	Horizontal
2092.175	31.91	2.93	34.32	46.44	46.96	74.00	-27.04	Pass	Horizontal
4844.000	34.77	6.73	34.34	41.27	48.43	74.00	-25.57	Pass	Horizontal
7266.000	36.43	8.40	34.90	37.53	47.46	74.00	-26.54	Pass	Horizontal
9688.000	37.97	7.60	35.06	37.50	48.01	74.00	-25.99	Pass	Horizontal
1216.534	30.27	2.42	34.95	47.08	44.82	74.00	-29.18	Pass	Vertical
1413.674	30.70	2.55	34.75	46.12	44.62	74.00	-29.38	Pass	Vertical
1856.261	31.48	2.79	34.40	45.77	45.64	74.00	-28.36	Pass	Vertical
4874.000	34.84	6.73	34.33	42.55	49.79	74.00	-24.21	Pass	Vertical
7311.000	36.43	8.44	34.90	39.90	49.87	74.00	-24.13	Pass	Vertical
9748.000	38.03	7.55	35.05	38.95	49.48	74.00	-24.52	Pass	Vertical

Test mode: 802.11n(HT40)(13.5Mbps)			Test Frequency: 2452MHz			Remark: Peak			
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
1201.149	30.23	2.40	34.96	47.50	45.17	74.00	-28.83	Pass	Horizontal
1431.782	30.74	2.56	34.73	46.99	45.56	74.00	-28.44	Pass	Horizontal
1860.992	31.49	2.80	34.39	46.06	45.96	74.00	-28.04	Pass	Horizontal
4874.000	34.84	6.73	34.33	42.24	49.48	74.00	-24.52	Pass	Horizontal
7311.000	36.43	8.44	34.90	39.28	49.25	74.00	-24.75	Pass	Horizontal
9748.000	38.03	7.55	35.05	38.17	48.70	74.00	-25.30	Pass	Horizontal
1216.534	30.27	2.42	34.95	47.19	44.93	74.00	-29.07	Pass	Vertical
1663.803	31.17	2.70	34.54	46.03	45.36	74.00	-28.64	Pass	Vertical
1851.542	31.48	2.79	34.40	47.44	47.31	74.00	-26.69	Pass	Vertical
4904.000	34.90	6.74	34.33	42.93	50.24	74.00	-23.76	Pass	Vertical
7356.000	36.44	8.48	34.90	39.58	49.60	74.00	-24.40	Pass	Vertical
9808.000	38.10	7.50	35.04	37.34	47.90	74.00	-26.10	Pass	Vertical

Antenna 1 +Antenna 2

Test mode: 802.11n(HT20)(6.5Mbps)			Test Frequency: 2412MHz			Remark: Peak			
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
1204.210	30.24	2.41	34.96	47.55	45.24	74.00	-28.76	Pass	Horizontal
1446.435	30.77	2.57	34.72	47.18	45.80	74.00	-28.20	Pass	Horizontal
1851.542	31.48	2.79	34.40	46.19	46.06	74.00	-27.94	Pass	Horizontal
4824.000	34.73	6.72	34.35	42.41	49.51	74.00	-24.49	Pass	Horizontal
7236.000	36.42	8.38	34.90	38.54	48.44	74.00	-25.56	Pass	Horizontal
9648.000	37.93	7.63	35.07	37.52	48.01	74.00	-25.99	Pass	Horizontal
1198.095	30.22	2.40	34.97	46.98	44.63	74.00	-29.37	Pass	Vertical
1446.435	30.77	2.57	34.72	45.65	44.27	74.00	-29.73	Pass	Vertical
1856.261	31.48	2.79	34.40	45.74	45.61	74.00	-28.39	Pass	Vertical
4824.000	34.73	6.72	34.35	43.31	50.41	74.00	-23.59	Pass	Vertical
7236.000	36.42	8.38	34.90	38.50	48.40	74.00	-25.60	Pass	Vertical
9648.000	37.93	7.63	35.07	39.13	49.62	74.00	-24.38	Pass	Vertical

Test mode: 802.11n(HT20)(6.5Mbps)				Test Frequency: 2437MHz			Remark: Peak		
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
1204.210	30.24	2.41	34.96	47.76	45.45	74.00	-28.55	Pass	Horizontal
1642.761	31.13	2.68	34.56	46.44	45.69	74.00	-28.31	Pass	Horizontal
4874.000	34.84	6.73	34.33	42.74	49.98	74.00	-24.02	Pass	Horizontal
5352.186	35.40	6.47	34.30	40.50	48.07	74.00	-25.93	Pass	Horizontal
7311.000	36.43	8.44	34.90	39.23	49.20	74.00	-24.80	Pass	Horizontal
9748.000	38.03	7.55	35.05	37.71	48.24	74.00	-25.76	Pass	Horizontal
1195.049	30.21	2.40	34.97	47.67	45.31	74.00	-28.69	Pass	Vertical
1651.146	31.15	2.69	34.55	46.43	45.72	74.00	-28.28	Pass	Vertical
1837.456	31.46	2.78	34.41	46.15	45.98	74.00	-28.02	Pass	Vertical
4874.000	34.84	6.73	34.33	41.22	48.46	74.00	-25.54	Pass	Vertical
7311.000	36.43	8.44	34.90	39.73	49.70	74.00	-24.30	Pass	Vertical
9748.000	38.03	7.55	35.05	38.35	48.88	74.00	-25.12	Pass	Vertical

Test mode: 802.11n(HT20)(6.5Mbps)				Test Frequency: 2462MHz			Remark: Peak		
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
1213.441	30.26	2.41	34.95	47.22	44.94	74.00	-29.06	Pass	Horizontal
1442.758	30.76	2.57	34.72	46.45	45.06	74.00	-28.94	Pass	Horizontal
1851.542	31.48	2.79	34.40	46.83	46.70	74.00	-27.30	Pass	Horizontal
4924.000	34.94	6.74	34.32	42.52	49.88	74.00	-24.12	Pass	Horizontal
7386.000	36.44	8.50	34.90	36.70	46.74	74.00	-27.26	Pass	Horizontal
9848.000	38.14	7.47	35.03	36.62	47.20	74.00	-26.80	Pass	Horizontal
1207.279	30.24	2.41	34.96	47.35	45.04	74.00	-28.96	Pass	Vertical
1453.818	30.78	2.57	34.71	46.76	45.40	74.00	-28.60	Pass	Vertical
1837.456	31.46	2.78	34.41	46.16	45.99	74.00	-28.01	Pass	Vertical
4924.000	34.94	6.74	34.32	42.02	49.38	74.00	-24.62	Pass	Vertical
7386.000	36.44	8.50	34.90	38.18	48.22	74.00	-25.78	Pass	Vertical
9848.000	38.14	7.47	35.03	37.38	47.96	74.00	-26.04	Pass	Vertical

Test mode: 802.11n(HT40)(13.5Mbps)				Test Frequency: 2422MHz			Remark: Peak		
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
1201.149	30.23	2.40	34.96	47.27	44.94	74.00	-29.06	Pass	Horizontal
1417.277	30.71	2.55	34.75	46.23	44.74	74.00	-29.26	Pass	Horizontal
1851.542	31.48	2.79	34.40	46.06	45.93	74.00	-28.07	Pass	Horizontal
4844.000	34.77	6.73	34.34	42.88	50.04	74.00	-23.96	Pass	Horizontal
7266.000	36.43	8.40	34.90	37.93	47.86	74.00	-26.14	Pass	Horizontal
9688.000	37.97	7.60	35.06	36.84	47.35	74.00	-26.65	Pass	Horizontal
1213.441	30.26	2.41	34.95	46.90	44.62	74.00	-29.38	Pass	Vertical
1424.511	30.72	2.56	34.74	46.55	45.09	74.00	-28.91	Pass	Vertical
1832.785	31.45	2.78	34.41	46.60	46.42	74.00	-27.58	Pass	Vertical
4844.000	34.77	6.73	34.34	39.47	46.63	74.00	-27.37	Pass	Vertical
7266.000	36.43	8.40	34.90	36.59	46.52	74.00	-27.48	Pass	Vertical
9688.000	37.97	7.60	35.06	35.78	46.29	74.00	-27.71	Pass	Vertical

Test mode: 802.11n(HT40)(13.5Mbps)				Test Frequency: 2437MHz			Remark: Peak		
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
1210.356	30.25	2.41	34.95	46.67	44.38	74.00	-29.62	Pass	Horizontal
1613.749	31.08	2.67	34.58	46.03	45.20	74.00	-28.80	Pass	Horizontal
1842.139	31.46	2.79	34.41	46.62	46.46	74.00	-27.54	Pass	Horizontal
4874.000	34.84	6.73	34.33	41.79	49.03	74.00	-24.97	Pass	Horizontal
7311.000	36.43	8.44	34.90	39.04	49.01	74.00	-24.99	Pass	Horizontal
9748.000	38.03	7.55	35.05	40.06	50.59	74.00	-23.41	Pass	Horizontal
1204.210	30.24	2.41	34.96	47.47	45.16	74.00	-28.84	Pass	Vertical
1431.782	30.74	2.56	34.73	46.84	45.41	74.00	-28.59	Pass	Vertical
1842.139	31.46	2.79	34.41	45.94	45.78	74.00	-28.22	Pass	Vertical
4874.000	34.84	6.73	34.33	43.51	50.75	74.00	-23.25	Pass	Vertical
7311.000	36.43	8.44	34.90	39.33	49.30	74.00	-24.70	Pass	Vertical
9748.000	38.03	7.55	35.05	37.34	47.87	74.00	-26.13	Pass	Vertical

Test mode: 802.11n(HT40)(13.5Mbps)			Test Frequency: 2452MHz			Remark: Peak			
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
1210.356	30.25	2.41	34.95	46.60	44.31	74.00	-29.69	Pass	Horizontal
1617.862	31.09	2.67	34.58	45.87	45.05	74.00	-28.95	Pass	Horizontal
2060.463	31.84	2.91	34.31	44.45	44.89	74.00	-29.11	Pass	Horizontal
4904.000	34.90	6.74	34.33	42.07	49.38	74.00	-24.62	Pass	Horizontal
7356.000	36.44	8.48	34.90	38.29	48.31	74.00	-25.69	Pass	Horizontal
9808.000	38.10	7.50	35.04	35.55	46.11	74.00	-27.89	Pass	Horizontal
1198.095	30.22	2.40	34.97	47.65	45.30	74.00	-28.70	Pass	Vertical
1435.431	30.74	2.56	34.73	46.99	45.56	74.00	-28.44	Pass	Vertical
1856.261	31.48	2.79	34.40	46.63	46.50	74.00	-27.50	Pass	Vertical
4904.000	34.90	6.74	34.33	41.87	49.18	74.00	-24.82	Pass	Vertical
7356.000	36.44	8.48	34.90	38.64	48.66	74.00	-25.34	Pass	Vertical
9808.000	38.10	7.50	35.04	36.87	47.43	74.00	-26.57	Pass	Vertical

Note:

1) Through Pre-scan transmitter mode with all kind of modulation and data rate, find the 11Mbps of rate is the worst case of 802.11b; 6Mbps of rate is the worst case of 802.11g; 6.5Mbps of rate is the worst case of 802.11n(HT20) ; 13.5Mbps 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

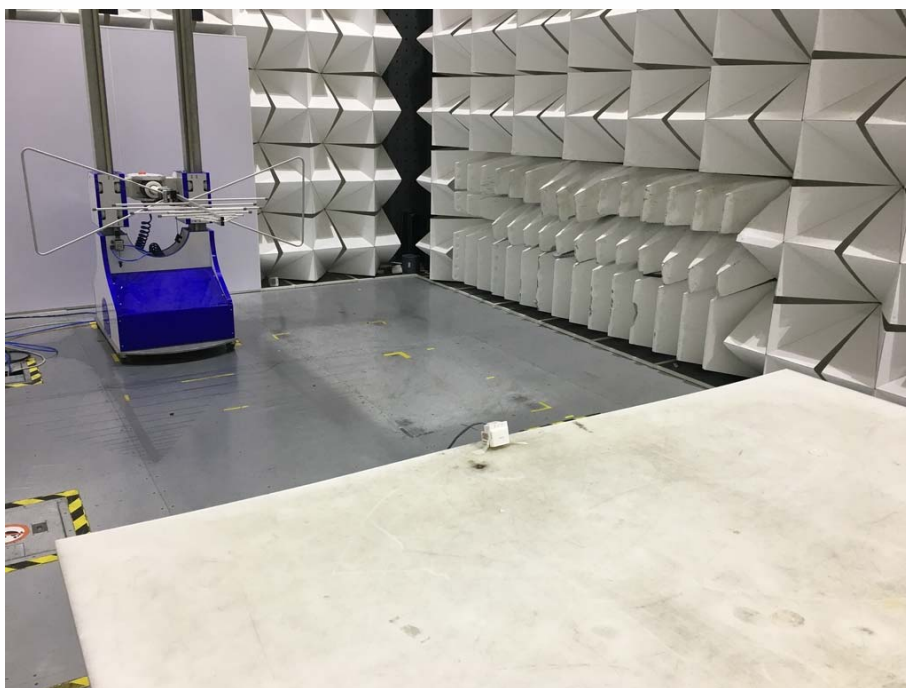
3) Scan from 9kHz to 25GHz, the disturbance above 13GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.

PHOTOGRAPHS OF TEST SETUP

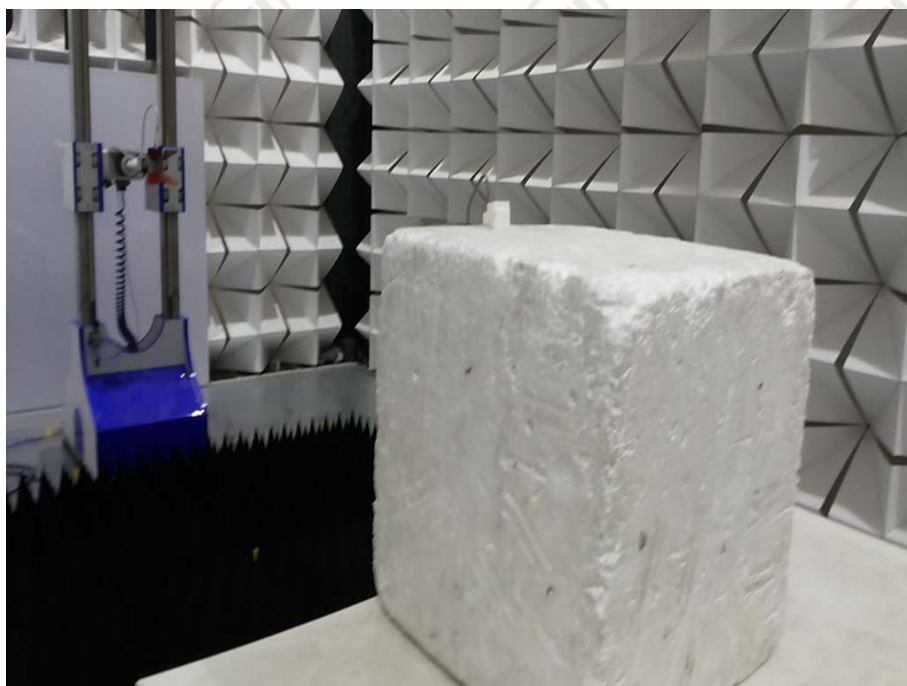
Test Model No.: WF2A



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



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



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



Conducted Emissions Test Setup

PHOTOGRAPHS OF EUT Constructional Details

Refer to Report No.EED32I00114601 for EUT external and internal photos.

*** End of Report ***

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