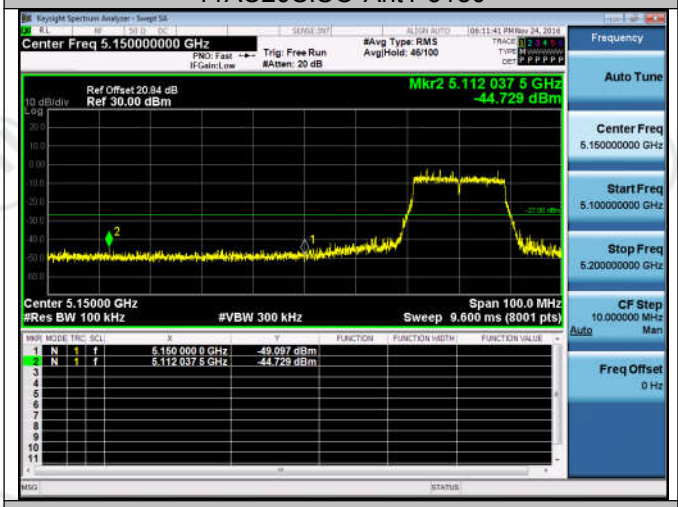
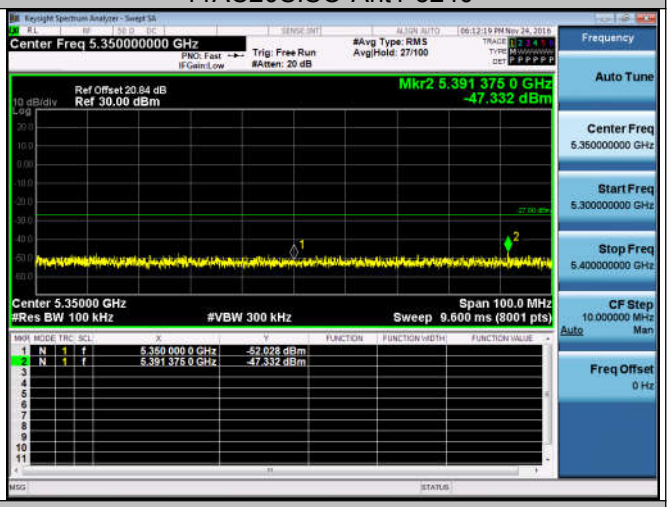
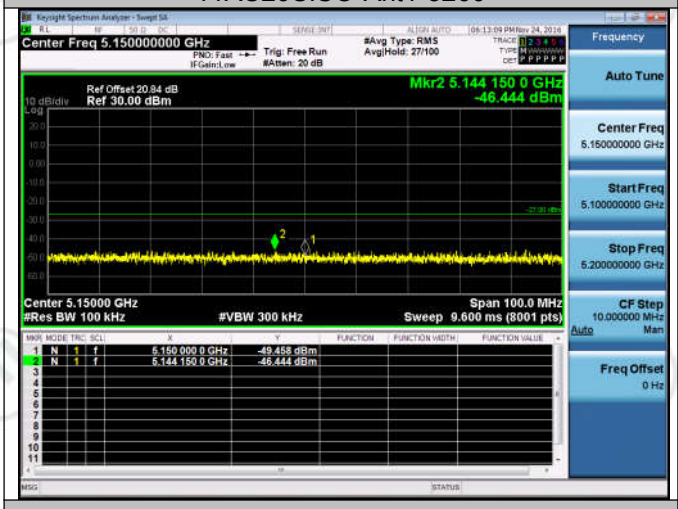
11AC20SISO-Ant1-5180



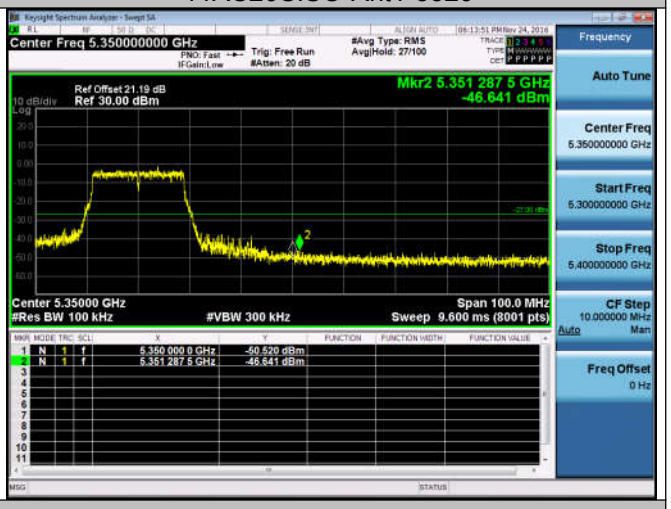
11AC20SISO-Ant1-5240



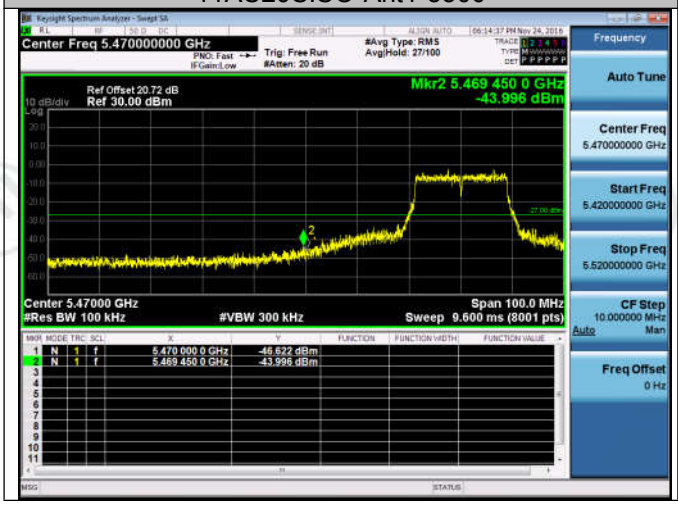
11AC20SISO-Ant1-5260



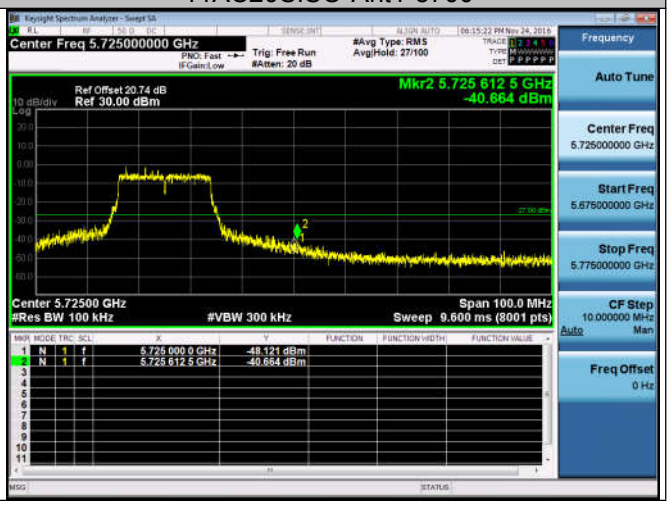
11AC20SISO-Ant1-5320



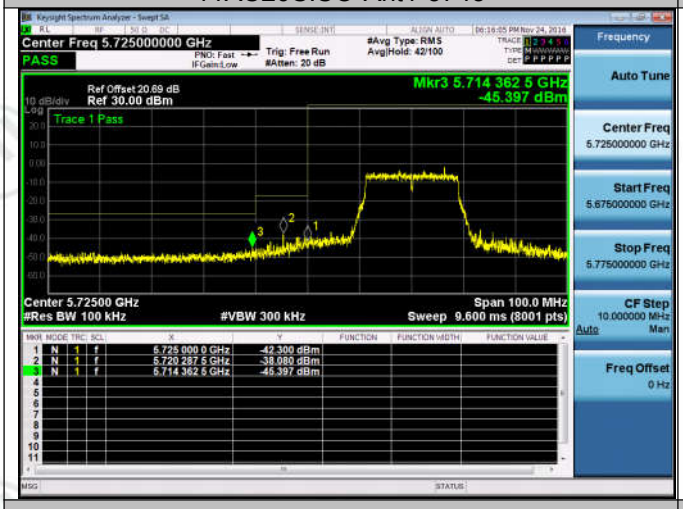
11AC20SISO-Ant1-5500



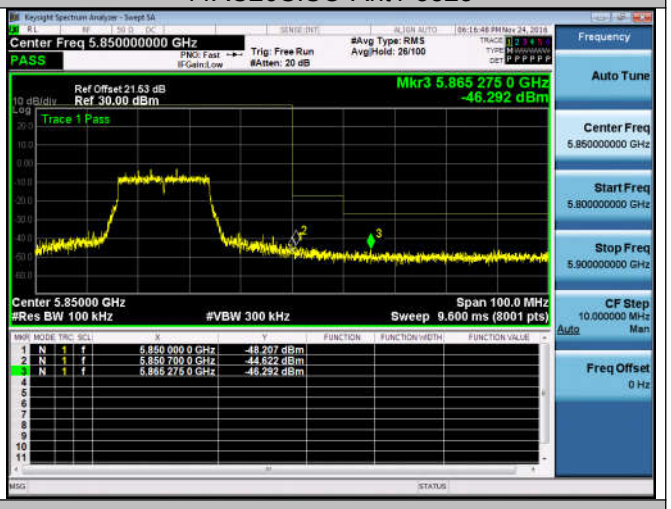
11AC20SISO-Ant1-5700



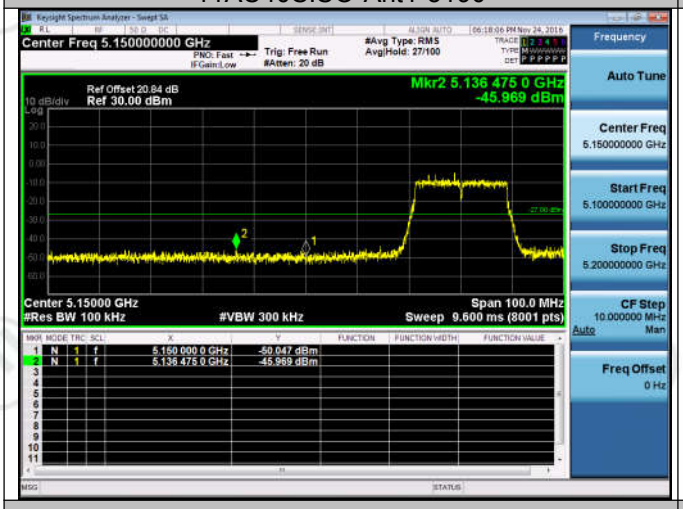
11AC20SISO-Ant1-5745



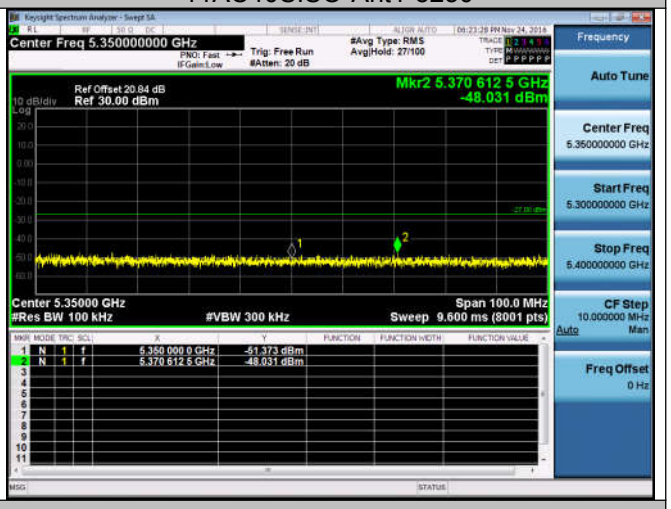
11AC20SISO-Ant1-5825



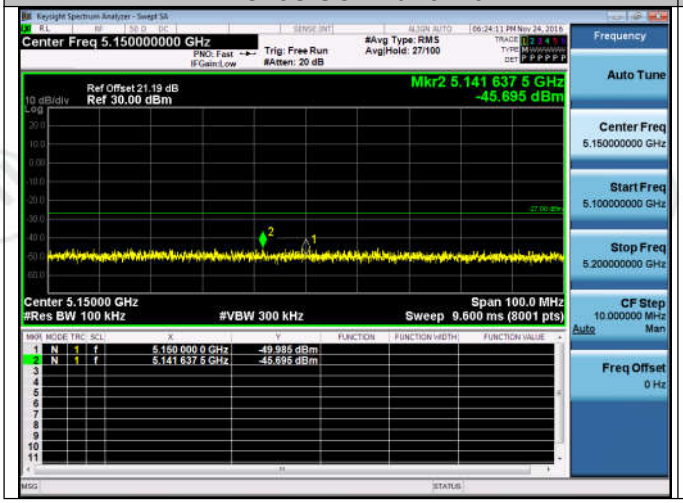
11AC40SISO-Ant1-5190



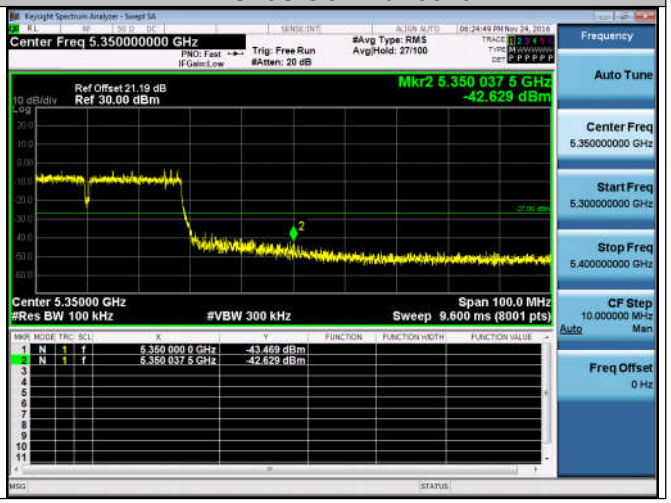
11AC40SISO-Ant1-5230



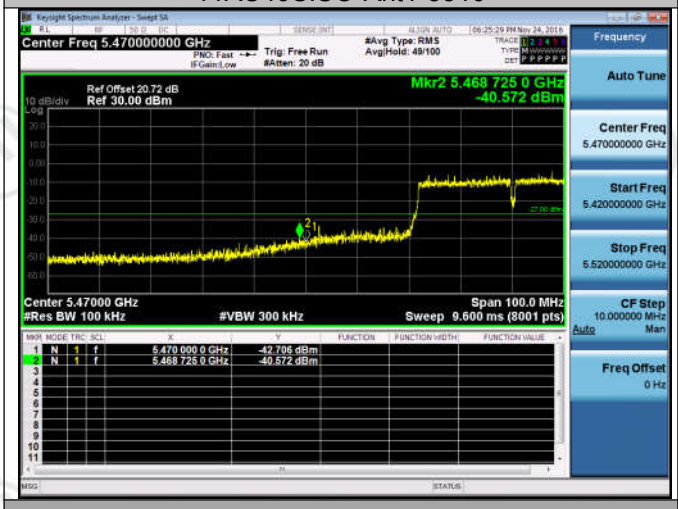
11AC40SISO-Ant1-5270



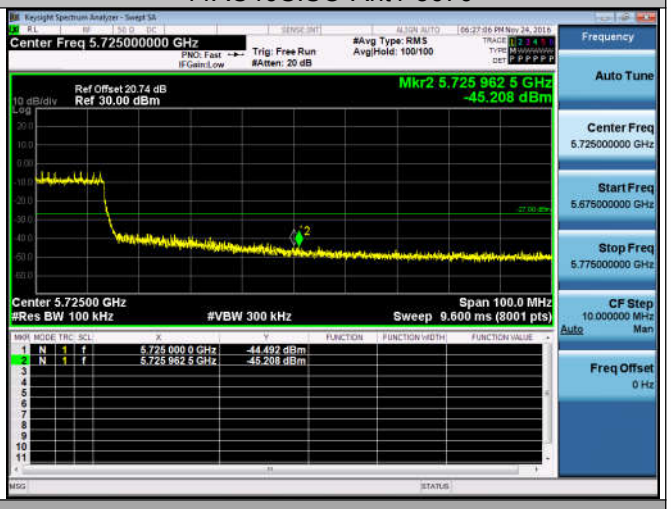
11AC40SISO-Ant1-5310



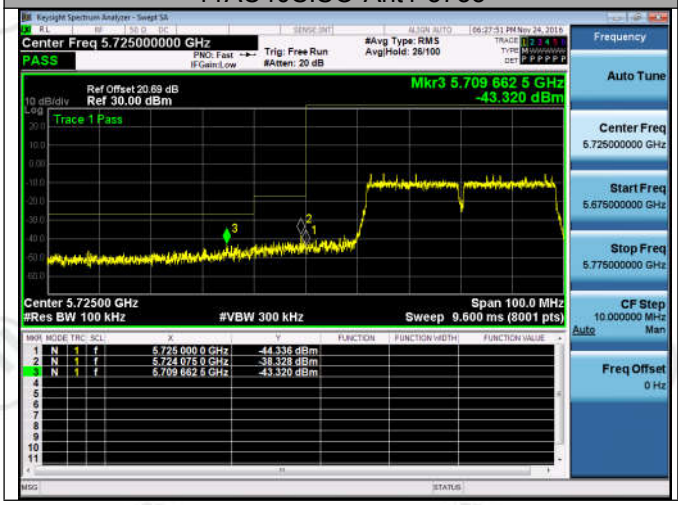
11AC40SISO-Ant1-5510



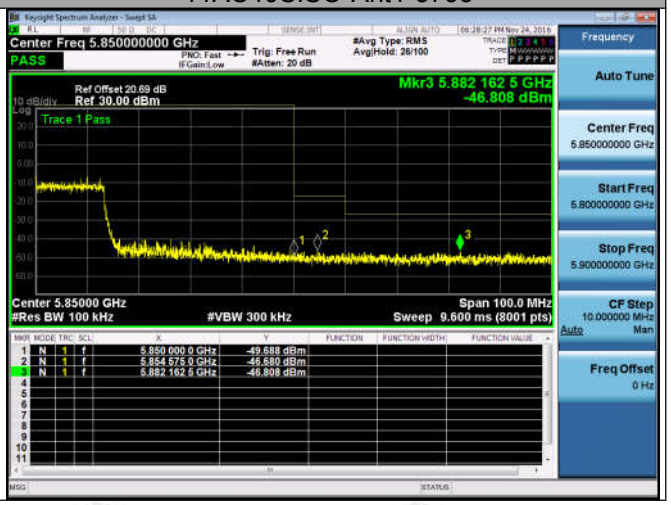
11AC40SISO-Ant1-5670



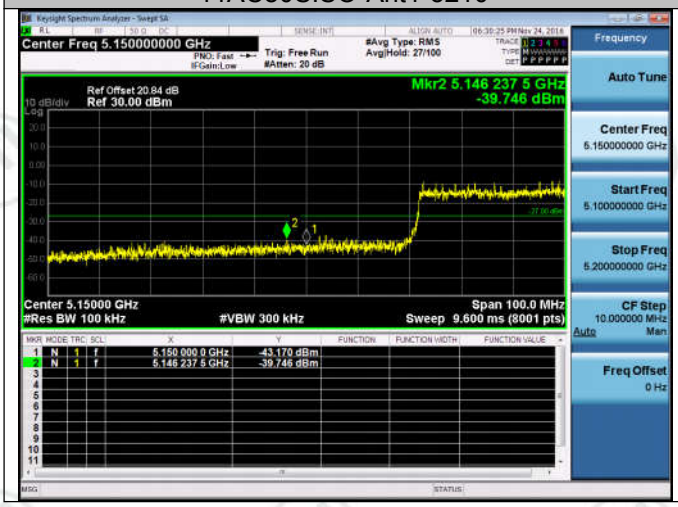
11AC40SISO-Ant1-5755



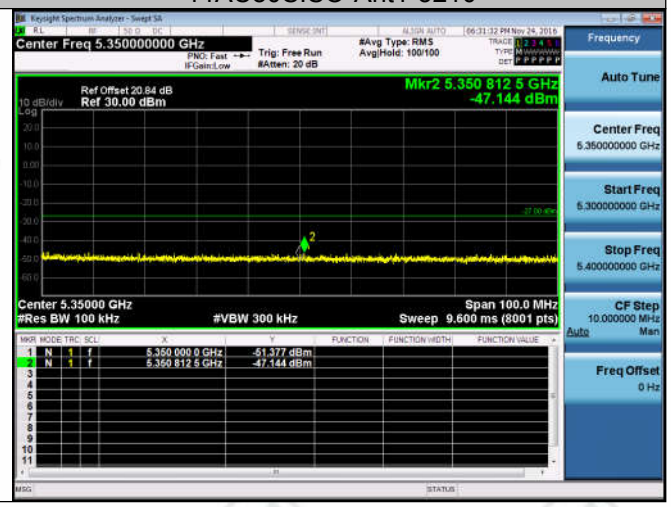
11AC40SISO-Ant1-5795



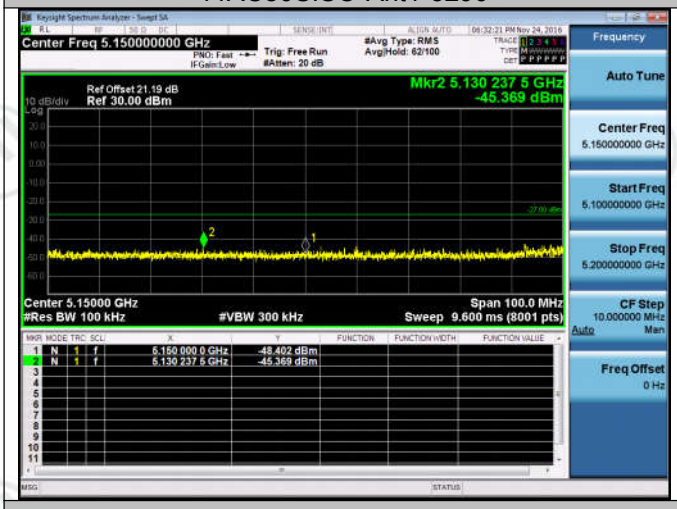
11AC80SISO-Ant1-5210



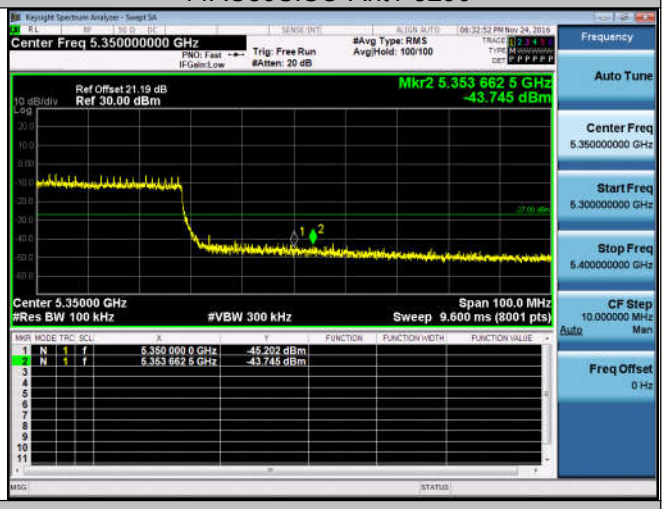
11AC80SISO-Ant1-5210



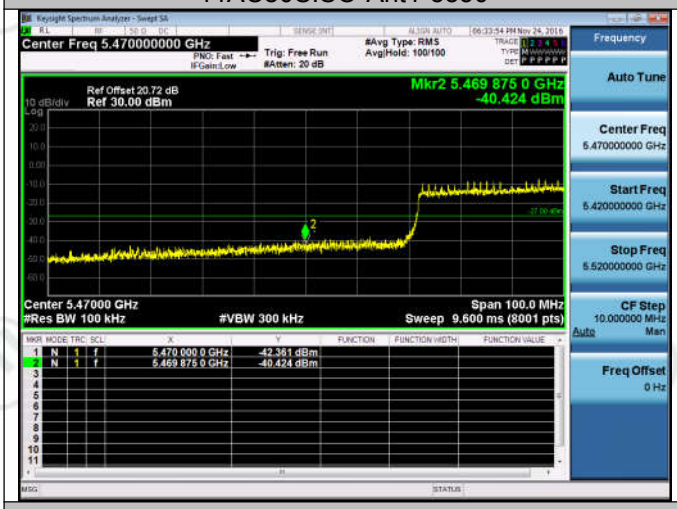
11AC80SISO-Ant1-5290



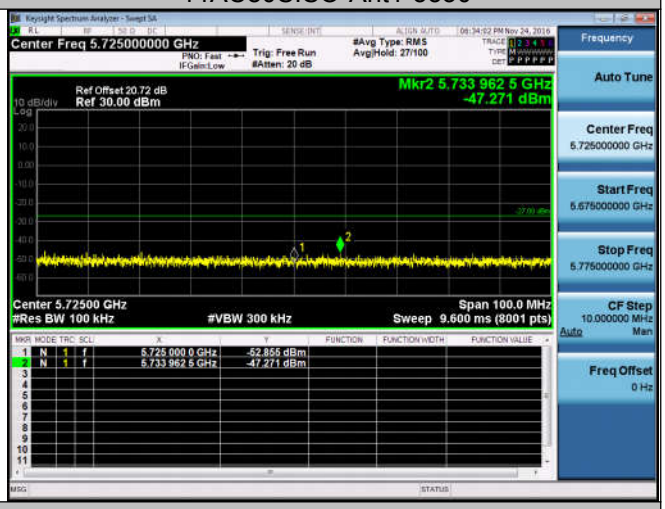
11AC80SISO-Ant1-5290



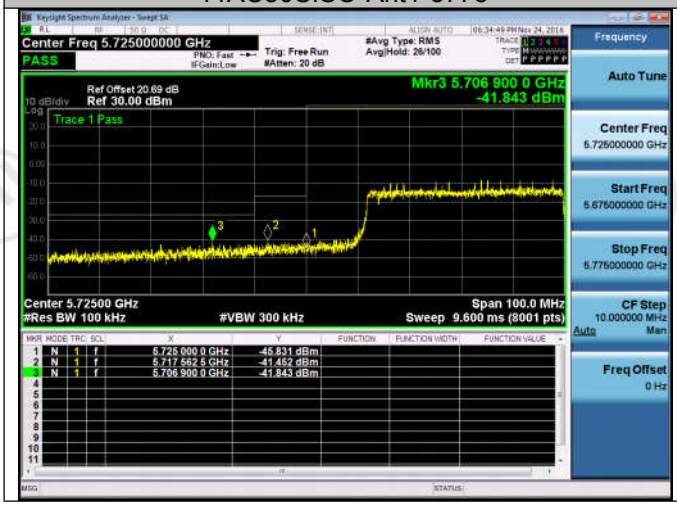
11AC80SISO-Ant1-5530



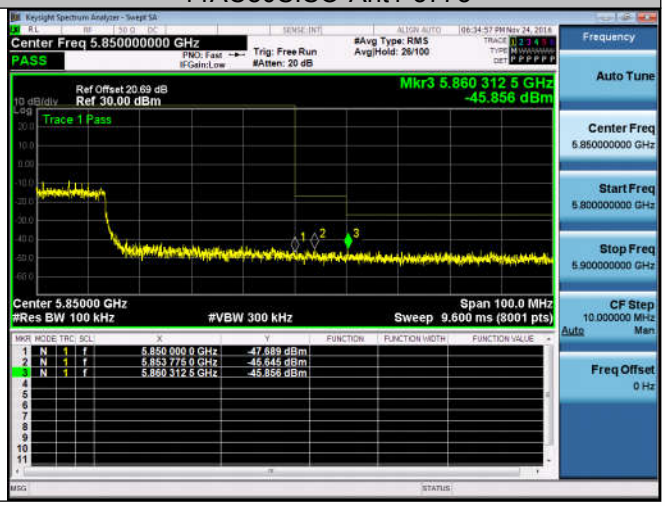
11AC80SISO-Ant1-5530



11AC80SISO-Ant1-5775



11AC80SISO-Ant1-5775



Appendix F): Frequency Stability

Frequency Error vs. Temperature:

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
A	Ant1	5180	TN	VN	5179.985	-2.895753	PASS
A	Ant1	5200	TN	VN	5200	0	PASS
A	Ant1	5240	TN	VN	5240.045	8.587786	PASS
A	Ant1	5260	TN	VN	5260.075	14.258555	PASS
A	Ant1	5280	TN	VN	5280.06	11.363636	PASS
A	Ant1	5320	TN	VN	5320.045	8.458647	PASS
A	Ant1	5500	TN	VN	5500.045	8.181818	PASS
A	Ant1	5580	TN	VN	5580.03	5.376344	PASS
A	Ant1	5700	TN	VN	5700.03	5.263158	PASS
A	Ant1	5745	TN	VN	5744.985	-2.610966	PASS
A	Ant1	5785	TN	VN	5784.97	-5.185825	PASS
A	Ant1	5825	TN	VN	5825.03	5.150215	PASS
11N20SISO	Ant1	5180	TN	VN	5180.045	8.687259	PASS
11N20SISO	Ant1	5200	TN	VN	5199.985	-2.884615	PASS
11N20SISO	Ant1	5240	TN	VN	5240.03	5.725191	PASS
11N20SISO	Ant1	5260	TN	VN	5259.97	-5.703422	PASS
11N20SISO	Ant1	5280	TN	VN	5279.97	-5.681818	PASS
11N20SISO	Ant1	5320	TN	VN	5319.985	-2.819549	PASS
11N20SISO	Ant1	5500	TN	VN	5500.105	19.090909	PASS
11N20SISO	Ant1	5580	TN	VN	5580.105	18.817204	PASS
11N20SISO	Ant1	5700	TN	VN	5699.925	-13.157895	PASS
11N20SISO	Ant1	5745	TN	VN	5744.895	-18.276762	PASS
11N20SISO	Ant1	5785	TN	VN	5785.045	7.778738	PASS
11N20SISO	Ant1	5825	TN	VN	5824.955	-7.725322	PASS
11N40SISO	Ant1	5190	TN	VN	5190.03	5.780347	PASS
11N40SISO	Ant1	5230	TN	VN	5230.09	17.208413	PASS
11N40SISO	Ant1	5270	TN	VN	5270.03	5.6926	PASS
11N40SISO	Ant1	5310	TN	VN	5309.97	-5.649718	PASS
11N40SISO	Ant1	5510	TN	VN	5510.09	16.333938	PASS
11N40SISO	Ant1	5550	TN	VN	5550.06	10.810811	PASS
11N40SISO	Ant1	5670	TN	VN	5670.06	10.582011	PASS
11N40SISO	Ant1	5755	TN	VN	5755	0	PASS
11N40SISO	Ant1	5795	TN	VN	5794.97	-5.176877	PASS

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
A	Ant1	5180	TL	VN	5180.015	2.895753	PASS
A	Ant1	5200	TL	VN	5200.015	2.884615	PASS
A	Ant1	5240	TL	VN	5239.985	-2.862595	PASS
A	Ant1	5260	TL	VN	5260.075	14.258555	PASS
A	Ant1	5280	TL	VN	5280.06	11.363636	PASS
A	Ant1	5320	TL	VN	5320.03	5.639098	PASS
A	Ant1	5500	TL	VN	5500.09	16.363636	PASS
A	Ant1	5580	TL	VN	5580.03	5.376344	PASS
A	Ant1	5700	TL	VN	5700.015	2.631579	PASS
A	Ant1	5745	TL	VN	5745.015	2.610966	PASS
A	Ant1	5785	TL	VN	5785.03	5.185825	PASS
A	Ant1	5825	TL	VN	5825.075	12.875536	PASS
11N20SISO	Ant1	5180	TL	VN	5179.955	-14.478764	PASS
11N20SISO	Ant1	5200	TL	VN	5200.075	14.423077	PASS
11N20SISO	Ant1	5240	TL	VN	5240.03	5.725191	PASS
11N20SISO	Ant1	5260	TL	VN	5259.925	-14.258555	PASS
11N20SISO	Ant1	5280	TL	VN	5279.91	-17.045455	PASS
11N20SISO	Ant1	5320	TL	VN	5319.985	-2.819549	PASS
11N20SISO	Ant1	5500	TL	VN	5500.075	13.636364	PASS
11N20SISO	Ant1	5580	TL	VN	5580.045	8.064516	PASS
11N20SISO	Ant1	5700	TL	VN	5699.925	-13.157895	PASS
11N20SISO	Ant1	5745	TL	VN	5744.895	-18.276762	PASS
11N20SISO	Ant1	5785	TL	VN	5785.06	10.371651	PASS
11N20SISO	Ant1	5825	TL	VN	5825.09	15.450644	PASS
11N40SISO	Ant1	5190	TL	VN	5190.03	5.780347	PASS
11N40SISO	Ant1	5230	TL	VN	5230.06	11.472275	PASS
11N40SISO	Ant1	5270	TL	VN	5270.06	11.385199	PASS
11N40SISO	Ant1	5310	TL	VN	5310	0	PASS
11N40SISO	Ant1	5510	TL	VN	5510	0	PASS
11N40SISO	Ant1	5550	TL	VN	5550.06	10.810811	PASS
11N40SISO	Ant1	5670	TL	VN	5670	0	PASS
11N40SISO	Ant1	5755	TL	VN	5755.03	5.212858	PASS
11N40SISO	Ant1	5795	TL	VN	5795	0	PASS

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
A	Ant1	5180	TH	VN	5180.045	8.687259	PASS
A	Ant1	5200	TH	VN	5200	0	PASS
A	Ant1	5240	TH	VN	5240.045	8.587786	PASS
A	Ant1	5260	TH	VN	5260.075	14.258555	PASS
A	Ant1	5280	TH	VN	5280.06	11.363636	PASS
A	Ant1	5320	TH	VN	5320.015	2.819549	PASS
A	Ant1	5500	TH	VN	5500.045	8.181818	PASS
A	Ant1	5580	TH	VN	5580.045	8.064516	PASS
A	Ant1	5700	TH	VN	5699.985	-2.631579	PASS
A	Ant1	5745	TH	VN	5745.075	13.05483	PASS
A	Ant1	5785	TH	VN	5785.06	10.371651	PASS
A	Ant1	5825	TH	VN	5824.94	-10.300429	PASS
11N20SISO	Ant1	5180	TH	VN	5179.955	-8.687259	PASS
11N20SISO	Ant1	5200	TH	VN	5199.925	-14.423077	PASS
11N20SISO	Ant1	5240	TH	VN	5239.91	-17.175573	PASS
11N20SISO	Ant1	5260	TH	VN	5259.91	-17.110266	PASS
11N20SISO	Ant1	5280	TH	VN	5279.955	-8.522727	PASS
11N20SISO	Ant1	5320	TH	VN	5320	0	PASS
11N20SISO	Ant1	5500	TH	VN	5500.015	2.727273	PASS
11N20SISO	Ant1	5580	TH	VN	5580.045	8.064516	PASS
11N20SISO	Ant1	5700	TH	VN	5699.955	-7.894737	PASS
11N20SISO	Ant1	5745	TH	VN	5744.895	-18.276762	PASS
11N20SISO	Ant1	5785	TH	VN	5785.045	7.778738	PASS
11N20SISO	Ant1	5825	TH	VN	5824.955	-7.725322	PASS
11N40SISO	Ant1	5190	TH	VN	5190.09	17.34104	PASS
11N40SISO	Ant1	5230	TH	VN	5229.97	-5.736138	PASS
11N40SISO	Ant1	5270	TH	VN	5270	0	PASS
11N40SISO	Ant1	5310	TH	VN	5310.06	11.299435	PASS
11N40SISO	Ant1	5510	TH	VN	5510	0	PASS
11N40SISO	Ant1	5550	TH	VN	5550.03	5.405405	PASS
11N40SISO	Ant1	5670	TH	VN	5670.09	15.873016	PASS
11N40SISO	Ant1	5755	TH	VN	5754.94	-10.425717	PASS
11N40SISO	Ant1	5795	TH	VN	5795.06	10.353753	PASS

Frequency Error vs. Voltage:

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
A	Ant1	5180	TN	VL	5180.045	8.687259	PASS
A	Ant1	5200	TN	VL	5200.075	14.423077	PASS
A	Ant1	5240	TN	VL	5240.03	5.725191	PASS
A	Ant1	5260	TN	VL	5260.03	5.703422	PASS
A	Ant1	5280	TN	VL	5280.06	11.363636	PASS
A	Ant1	5320	TN	VL	5320.015	2.819549	PASS
A	Ant1	5500	TN	VL	5500.03	5.454545	PASS
A	Ant1	5580	TN	VL	5580.03	5.376344	PASS
A	Ant1	5700	TN	VL	5700	0	PASS
A	Ant1	5745	TN	VL	5744.985	-2.610966	PASS
A	Ant1	5785	TN	VL	5785.015	2.592913	PASS
A	Ant1	5825	TN	VL	5825.015	2.592913	PASS
11N20SISO	Ant1	5180	TN	VL	5180.03	5.791506	PASS
11N20SISO	Ant1	5200	TN	VL	5200.015	2.884615	PASS
11N20SISO	Ant1	5240	TN	VL	5239.985	-2.862595	PASS
11N20SISO	Ant1	5260	TN	VL	5260.03	-5.703422	PASS
11N20SISO	Ant1	5280	TN	VL	5279.925	-14.204545	PASS
11N20SISO	Ant1	5320	TN	VL	5319.985	-2.819549	PASS
11N20SISO	Ant1	5500	TN	VL	5500.09	16.363636	PASS
11N20SISO	Ant1	5580	TN	VL	5580.06	10.752688	PASS
11N20SISO	Ant1	5700	TN	VL	5699.895	-18.421053	PASS
11N20SISO	Ant1	5745	TN	VL	5745.105	18.276762	PASS
11N20SISO	Ant1	5785	TN	VL	5784.94	-10.371651	PASS
11N20SISO	Ant1	5825	TN	VL	5824.97	-5.150215	PASS
11N40SISO	Ant1	5190	TN	VL	5190	0	PASS
11N40SISO	Ant1	5230	TN	VL	5229.97	-5.736138	PASS
11N40SISO	Ant1	5270	TN	VL	5269.97	-5.6926	PASS
11N40SISO	Ant1	5310	TN	VL	5310.03	5.649718	PASS
11N40SISO	Ant1	5510	TN	VL	5510.09	16.333938	PASS
11N40SISO	Ant1	5550	TN	VL	5550	0	PASS
11N40SISO	Ant1	5670	TN	VL	5670.03	5.291005	PASS
11N40SISO	Ant1	5755	TN	VL	5755.06	10.425717	PASS
11N40SISO	Ant1	5795	TN	VL	5794.91	-15.53063	PASS

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
A	Ant1	5180	TN	VH	5180.015	2.895753	PASS
A	Ant1	5200	TN	VH	5200	0	PASS
A	Ant1	5240	TN	VH	5240	0	PASS
A	Ant1	5260	TN	VH	5260.045	8.555133	PASS
A	Ant1	5280	TN	VH	5280.06	11.363636	PASS
A	Ant1	5320	TN	VH	5320.06	11.278195	PASS
A	Ant1	5500	TN	VH	5500.03	5.454545	PASS
A	Ant1	5580	TN	VH	5580.06	10.752688	PASS
A	Ant1	5700	TN	VH	5699.985	-2.631579	PASS
A	Ant1	5745	TN	VH	5745.03	5.221932	PASS
A	Ant1	5785	TN	VH	5784.97	-5.185825	PASS
A	Ant1	5825	TN	VH	5825.09	15.450644	PASS
11N20SISO	Ant1	5180	TN	VH	5179.97	-5.791506	PASS
11N20SISO	Ant1	5200	TN	VH	5200.015	2.884615	PASS
11N20SISO	Ant1	5240	TN	VH	5239.91	-17.175573	PASS
11N20SISO	Ant1	5260	TN	VH	5260.06	11.406844	PASS
11N20SISO	Ant1	5280	TN	VH	5279.985	-14.204545	PASS
11N20SISO	Ant1	5320	TN	VH	5320.09	16.917293	PASS
11N20SISO	Ant1	5500	TN	VH	5500.015	13.636364	PASS
11N20SISO	Ant1	5580	TN	VH	5579.955	8.064516	PASS
11N20SISO	Ant1	5700	TN	VH	5700.105	18.421053	PASS
11N20SISO	Ant1	5745	TN	VH	5745.015	2.610966	PASS
11N20SISO	Ant1	5785	TN	VH	5785.045	7.778738	PASS
11N20SISO	Ant1	5825	TN	VH	5824.955	-7.725322	PASS
11N40SISO	Ant1	5190	TN	VH	5190.03	5.780347	PASS
11N40SISO	Ant1	5230	TN	VH	5230.09	17.208413	PASS
11N40SISO	Ant1	5270	TN	VH	5269.91	-17.077799	PASS
11N40SISO	Ant1	5310	TN	VH	5310.03	5.649718	PASS
11N40SISO	Ant1	5510	TN	VH	5509.97	-5.444646	PASS
11N40SISO	Ant1	5550	TN	VH	5550.06	10.810811	PASS
11N40SISO	Ant1	5670	TN	VH	5670.06	10.582011	PASS
11N40SISO	Ant1	5755	TN	VH	5755.09	15.638575	PASS
11N40SISO	Ant1	5795	TN	VH	5795	0	PASS

Frequency Error vs. Temperature:

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11AC80SISO	Ant1	5210	TN	VN	5210	0	PASS
11AC80SISO	Ant1	5290	TN	VN	5290.06	11.342155	PASS
11AC80SISO	Ant1	5530	TN	VN	5530.015	2.7124774	PASS
11AC80SISO	Ant1	5775	TN	VN	5775.06	10.38961	PASS

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11AC80SISO	Ant1	5210	TL	VN	5210.03	5.6710775	PASS
11AC80SISO	Ant1	5290	TL	VN	5290.06	11.342155	PASS
11AC80SISO	Ant1	5530	TL	VN	5530.015	2.7124774	PASS
11AC80SISO	Ant1	5775	TL	VN	5774.94	-10.38961	PASS

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11AC80SISO	Ant1	5210	TH	VN	5210.03	5.6710775	PASS
11AC80SISO	Ant1	5290	TH	VN	5290.06	11.342155	PASS
11AC80SISO	Ant1	5530	TH	VN	5530.06	10.84991	PASS
11AC80SISO	Ant1	5775	TH	VN	5775	0	PASS

Frequency Error vs. Voltage:

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11AC80SISO	Ant1	5210	TN	VL	5210.06	11.516315	PASS
11AC80SISO	Ant1	5290	TN	VL	5290.06	11.342155	PASS
11AC80SISO	Ant1	5530	TN	VL	5530	0	PASS
11AC80SISO	Ant1	5775	TN	VL	5775	0	PASS

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11AC80SISO	Ant1	5210	TN	VH	5210.06	11.516315	PASS
11AC80SISO	Ant1	5290	TN	VH	5290.06	11.342155	PASS
11AC80SISO	Ant1	5530	TN	VH	5530.06	10.84991	PASS
11AC80SISO	Ant1	5775	TN	VH	5774.94	-10.38961	PASS

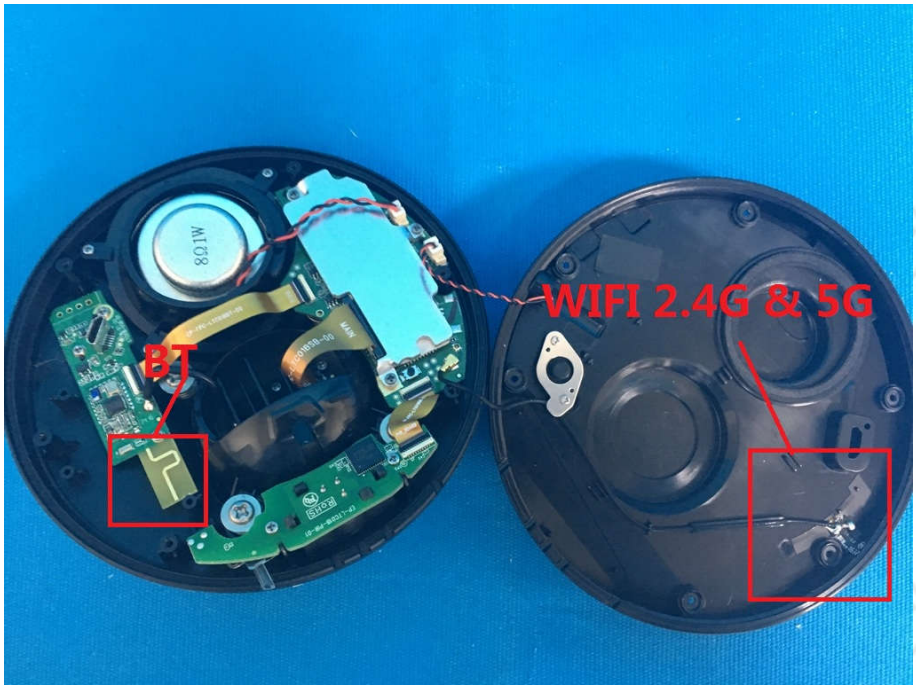
Appendix G): Antenna Requirement

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

15.407(a)(1) (2) requirement:
The conducted output power limit specified in paragraph (a) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (a) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power and the peak power spectral density shall be reduced by the by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

EUT Antenna:	

The antenna is integrated on the main PCB and no consideration of replacement. The best case gain of the WIFI antenna is 3dBi.



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

15.407(c) requirement: The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signal ling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals. Applicants shall include in their application for equipment authorization a description of how this requirement is met.
Operation in the absence of information to the transmit
While the EUT is not transmitting any information, the EUT can automatically discontinue transmission and become standby mode for power saving. The EUT can detect the controlling signal of ASK message transmitting from remote device and verify whether it shall resend or discontinue transmission. (manufacturer declare)

Appendix I): AC Power Line Conducted Emission

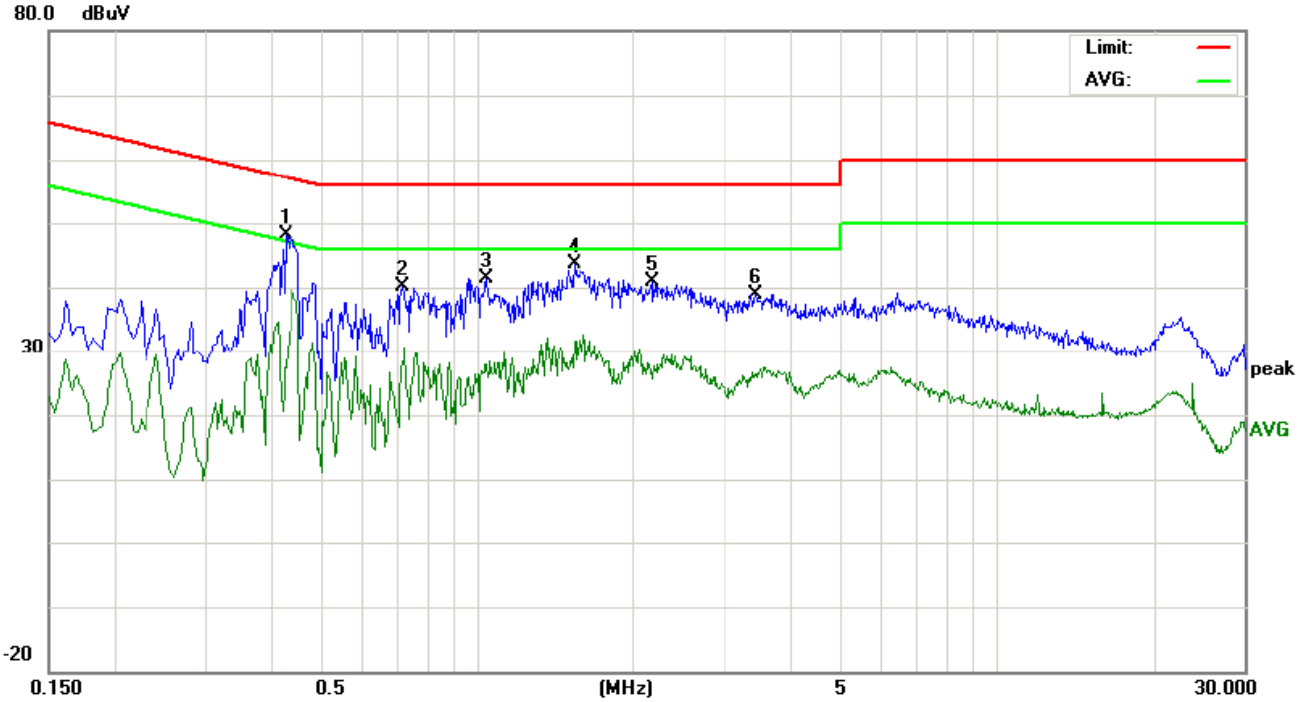
<table>
<tr><td>Test Procedure:</td><td>Test frequency range :150KHz-30MHz
1)The mains terminal disturbance voltage test was conducted in a shielded room.
2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a 50Ω/50μH + 5Ω linear impedance.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

Measurement Data

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

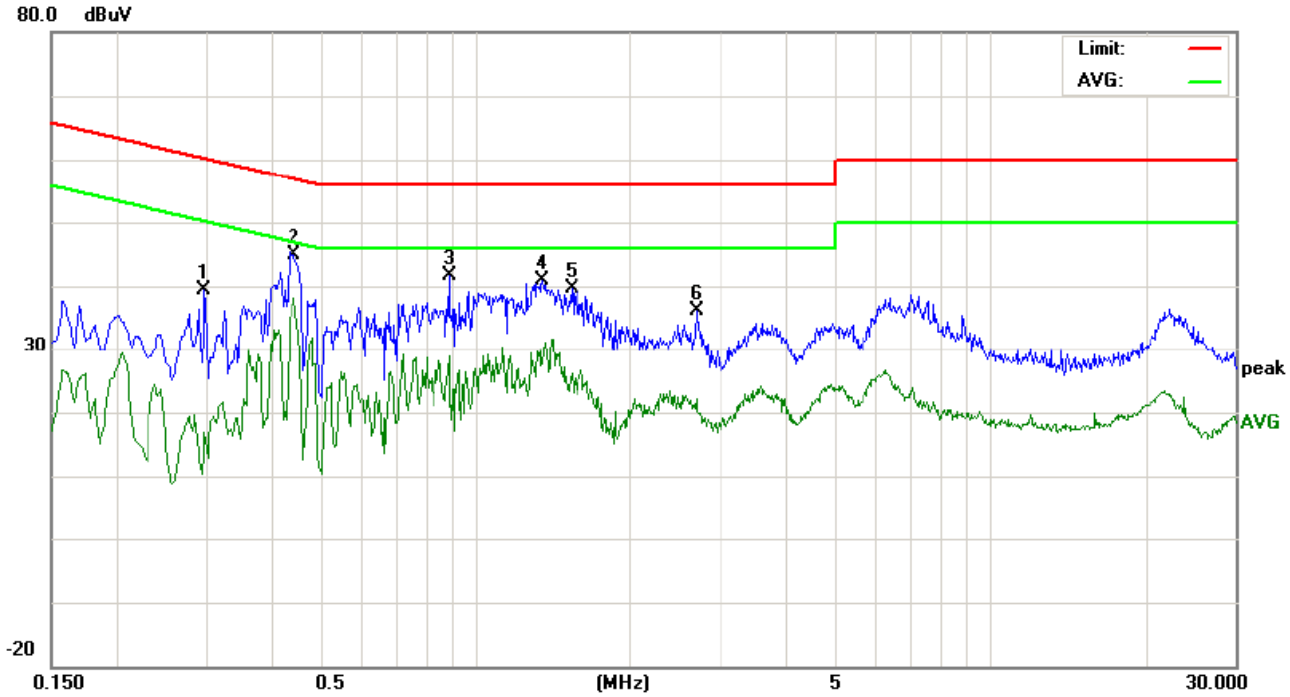
Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission were detected.

Live line:



No.	Freq.	Reading_Level (dBuV)			Correct Factor	Measurement (dBuV)			Limit (dBuV)		Margin (dB)			
	MHz	Peak	QP	AVG	dB	peak	QP	AVG	QP	AVG	QP	AVG	P/F	Comment
1	0.4300	38.13		17.59	9.90	48.03		27.49	57.25	47.25	-9.22	-19.76	P	
2	0.7180	30.11		18.54	9.90	40.01		28.44	56.00	46.00	-15.99	-17.56	P	
3	1.0460	31.59		18.14	9.71	41.30		27.85	56.00	46.00	-14.70	-18.15	P	
4	1.5420	33.72		21.71	9.86	43.58		31.57	56.00	46.00	-12.42	-14.43	P	
5	2.1780	30.93		15.90	10.00	40.93		25.90	56.00	46.00	-15.07	-20.10	P	
6	3.4420	28.99		16.50	10.00	38.99		26.50	56.00	46.00	-17.01	-19.50	P	

Neutral line:



No.	Freq.	Reading_Level (dBuV)			Correct Factor	Measurement (dBuV)			Limit (dBuV)		Margin (dB)			
	MHz	Peak	QP	AVG	dB	peak	QP	AVG	QP	AVG	QP	AVG	P/F	Comment
1	0.2980	29.68		7.01	9.80	39.48		16.81	60.30	50.30	-20.82	-33.49	P	
2	0.4460	34.44		28.32	9.90	44.34		38.22	56.95	46.95	-12.61	-8.73	P	
3	0.8940	31.87		19.09	9.71	41.58		28.80	56.00	46.00	-14.42	-17.20	P	
4	1.3460	31.20		17.92	9.80	41.00		27.72	56.00	46.00	-15.00	-18.28	P	
5	1.5420	29.69		16.26	9.86	39.55		26.12	56.00	46.00	-16.45	-19.88	P	
6	2.6900	26.07		12.19	10.00	36.07		22.19	56.00	46.00	-19.93	-23.81	P	

Notes:

1. The following Quasi-Peak and Average measurements were performed on the EUT:

2. Final Test Level =Receiver Reading + LISN Factor + Cable Loss.

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

Receiver Setup:

Frequency	Detector	RBW	VBW	Remark
30MHz-1GHz	Quasi-peak	120kHz	300kHz	Quasi-peak
Above 1GHz	Peak	1MHz	3MHz	Peak
	Peak	1MHz	10Hz	Average

Test Procedure:

Below 1GHz test procedure as below:

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 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. 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:

g. Different between above is the test site, change from Semi- Anechoic Chamber to fully Anechoic Chamber and change form table 0.8 metre to 1.5 metre(Above 18GHz the distance is 1 meter and table is 1.5 metre).
h. Test the EUT in the lowest channel , the 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.

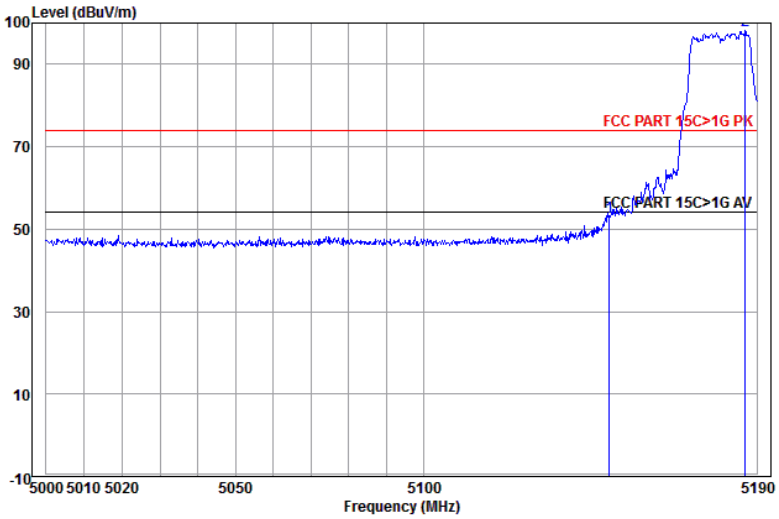
Limit:

Frequency	Limit (dBμV/m @3cm)	Remark
30MHz-88MHz	40.0	Quasi-peak Value
88MHz-216MHz	43.5	Quasi-peak Value
216MHz-960MHz	46.0	Quasi-peak Value
960MHz-1GHz	54.0	Quasi-peak Value
Above 1GHz	54.0	Average Value
	74.0	Peak Value

Test plot as follows:

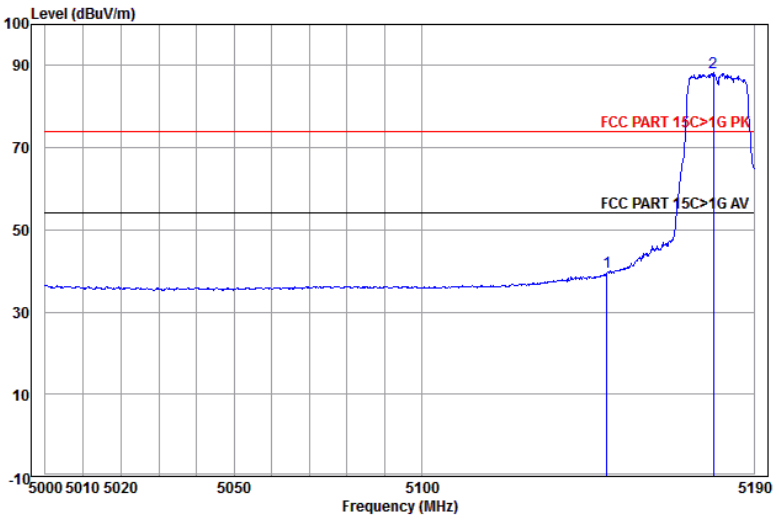
For 802.11a Operation in the 5150MHz ~5250 MHz band

Worse case mode:	802.11a (MCS0)		
Frequency: 5180MHz	Test channel: 36 channel	Polarization: Horizontal	Remark: Peak



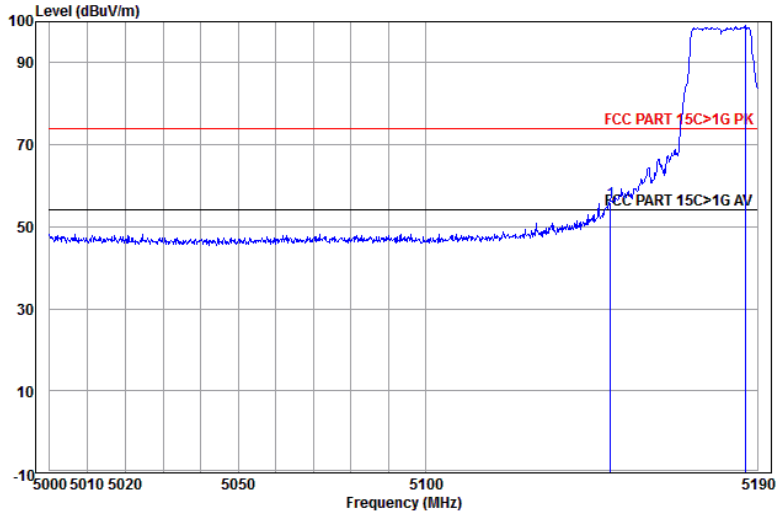
	Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5150.000	35.23	5.43	34.30	46.73	53.09	74.00	-20.91	Horizontal	
2 pp	5186.904	35.26	5.52	34.30	91.69	98.17	74.00	24.17	Horizontal	

Worse case mode:	802.11a (MCS0)		
Frequency: 5180MHz	Test channel: 36 channel	Polarization: Horizontal	Remark: Average



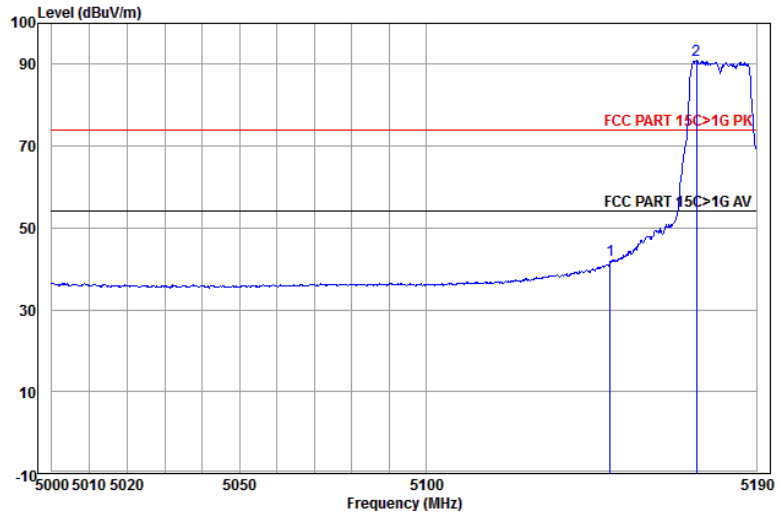
	Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5150.000	35.23	5.43	34.30	33.33	39.69	54.00	-14.31	Horizontal	Average
2 pp	5178.979	35.25	5.50	34.30	81.91	88.36	54.00	34.36	Horizontal	Average

Worse case mode:	802.11a (MCS0)		
Frequency: 5180MHz	Test channel: 36 channel	Polarization: Vertical	Remark: Peak



	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		
1	5150.000	35.23	5.43	34.30	49.49	55.85	74.00	-18.15	Vertical	
2 pp	5186.710	35.26	5.52	34.30	92.54	99.02	74.00	25.02	Vertical	

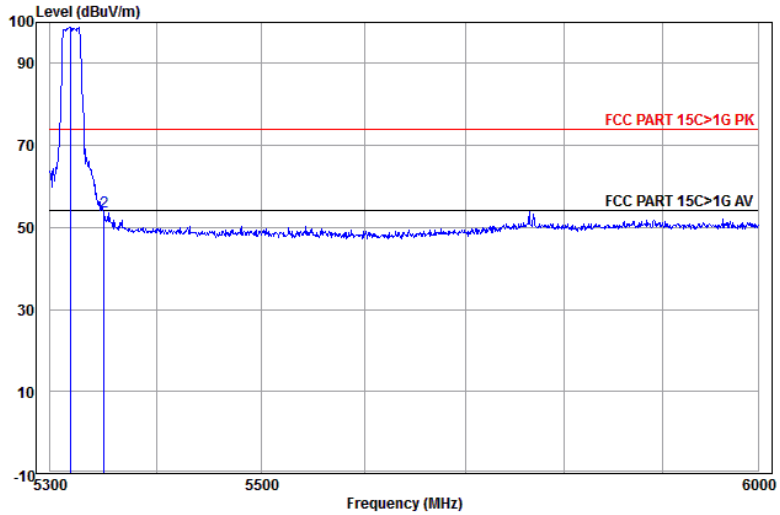
Worse case mode:	802.11a (MCS0)		
Frequency: 5180MHz	Test channel: 36 channel	Polarization: Vertical	Remark: Average



	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		
1	5150.000	35.23	5.43	34.30	35.71	42.07	54.00	-11.93	Vertical	Average
2 pp	5173.573	35.25	5.49	34.30	84.53	90.97	54.00	36.97	Vertical	Average

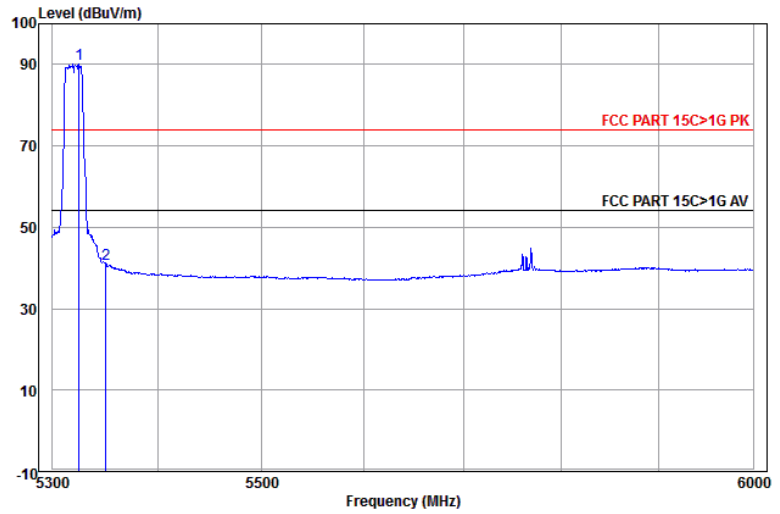
For 802.11a Operation in the 5250MHz ~5350 MHz band

Worse case mode:	802.11a (MCS0)		
Frequency: 5320MHz	Test channel: 64 channel	Polarization: Horizontal	Remark: Peak



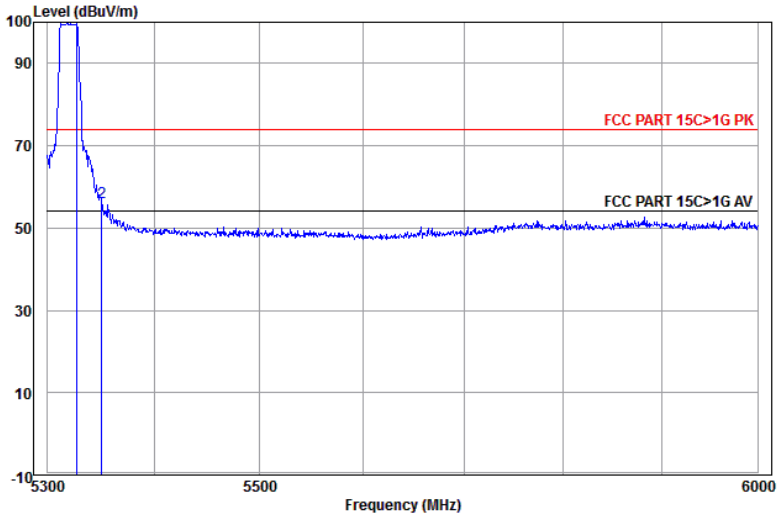
	Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1 pp	5319.101	35.37	5.85	34.30	91.87	98.79	74.00	24.79	Horizontal	
2	5350.000	35.40	5.93	34.30	46.71	53.74	74.00	-20.26	Horizontal	

Worse case mode:	802.11a (MCS0)		
Frequency: 5320MHz	Test channel: 64 channel	Polarization: Horizontal	Remark: Average



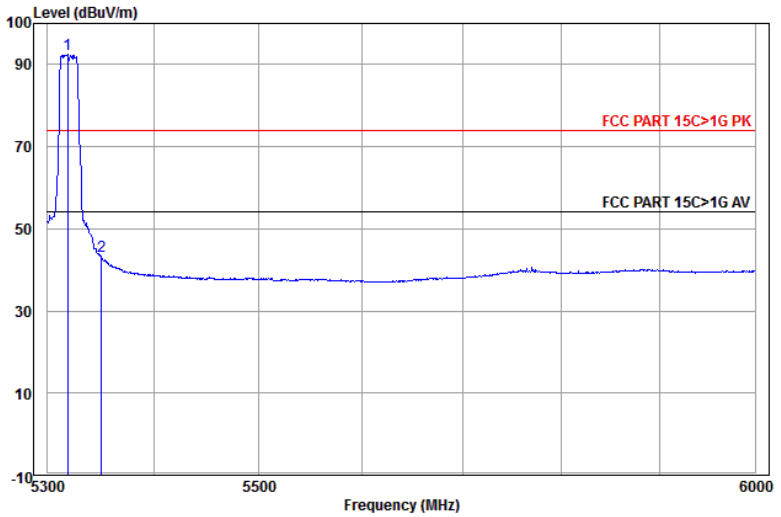
	Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1 pp	5325.043	35.38	5.87	34.30	83.08	90.03	54.00	36.03	Horizontal	Average
2	5350.000	35.40	5.93	34.30	33.78	40.81	54.00	-13.19	Horizontal	Average

Worse case mode:	802.11a (MCS0)		
Frequency: 5320MHz	Test channel: 64 channel	Polarization: Vertical	Remark: Peak



	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		
1 pp	5326.365	35.38	5.87	34.30	92.73	99.68	74.00	25.68	Vertical	
2	5350.000	35.40	5.93	34.30	49.16	56.19	74.00	-17.81	Vertical	

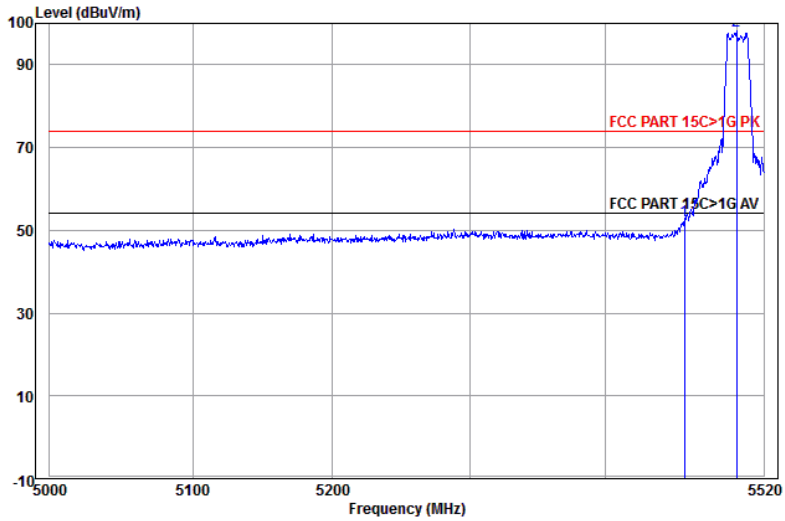
Worse case mode:	802.11a (MCS0)		
Frequency: 5320MHz	Test channel: 64 channel	Polarization: Vertical	Remark: Average



	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		
1 pp	5318.441	35.37	5.85	34.30	85.64	92.56	54.00	38.56	Vertical	Average
2	5350.000	35.40	5.93	34.30	36.21	43.24	54.00	-10.76	Vertical	Average

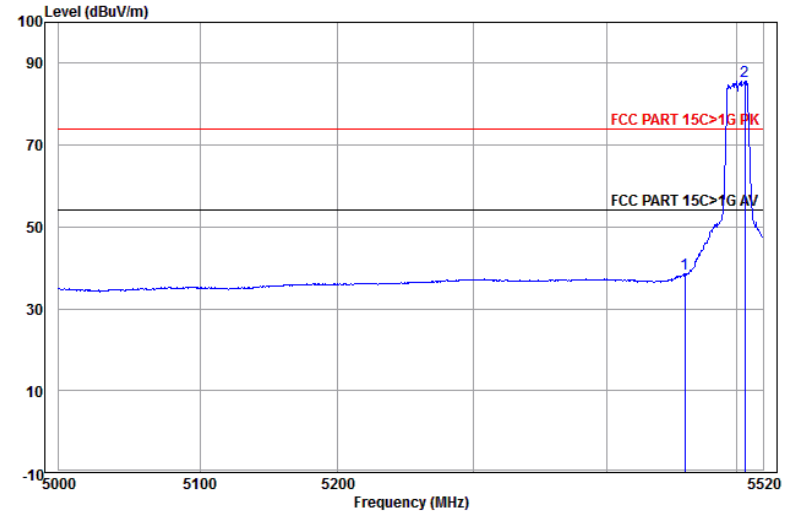
For 802.11a Operation in the 5470MHz ~5725 MHz band

Worse case mode:	802.11a (MCS0)		
Frequency: 5500MHz	Test channel: 100 channel	Polarization: Horizontal	Remark: Peak



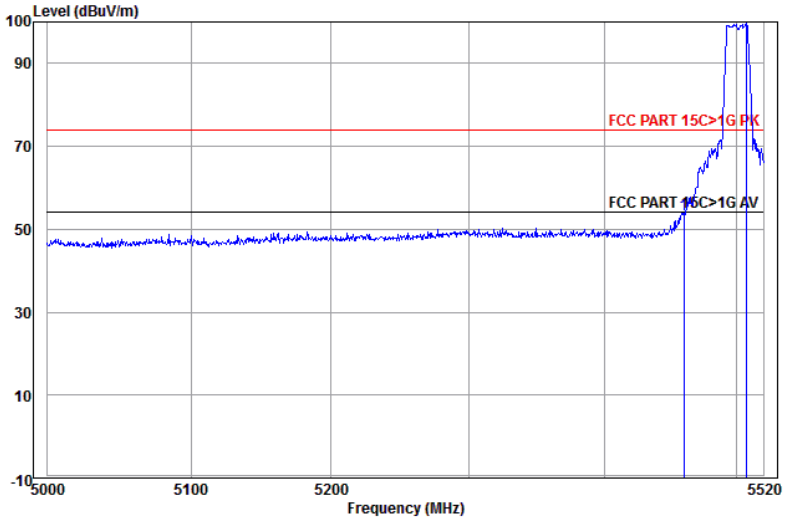
	Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5460.000	35.49	6.19	34.30	45.04	52.42	74.00	-21.58	Horizontal	Peak
2 pp	5499.285	35.52	6.29	34.30	90.58	98.09	74.00	24.09	Horizontal	Peak

Worse case mode:	802.11a (MCS0)		
Frequency: 5500MHz	Test channel: 100 channel	Polarization: Horizontal	Remark: Average



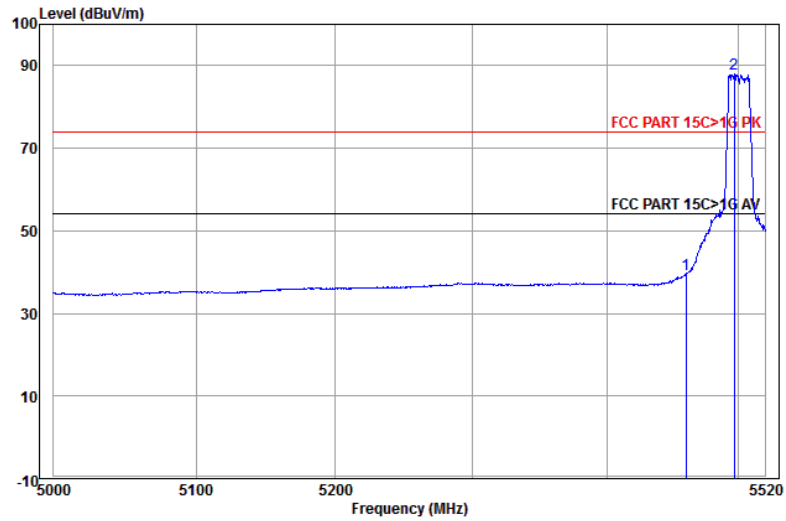
	Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5460.000	35.49	6.19	34.30	31.15	38.53	54.00	-15.47	Horizontal	Average
2 pp	5505.818	35.52	6.30	34.30	78.14	85.66	54.00	31.66	Horizontal	Average

Worse case mode:	802.11a (MCS0)		
Frequency: 5500MHz	Test channel: 100 channel	Polarization: Vertical	Remark: Peak



	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		
1	5460.000	35.49	6.19	34.30	46.23	53.61	74.00	-20.39	Vertical	Peak
2 pp	5506.908	35.52	6.31	34.30	92.04	99.57	74.00	25.57	Vertical	Peak

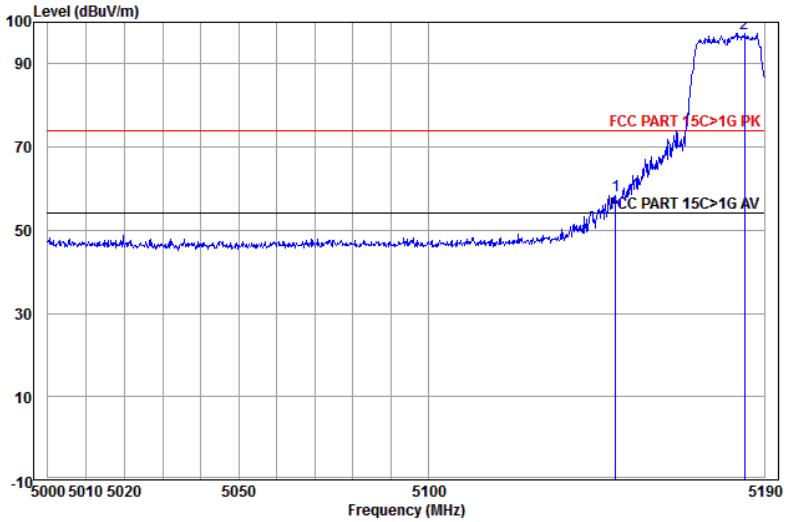
Worse case mode:	802.11a (MCS0)		
Frequency: 5500MHz	Test channel: 100 channel	Polarization: Vertical	Remark: Average



	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		
1	5460.000	35.49	6.19	34.30	32.18	39.56	54.00	-14.44	Vertical	Average
2 pp	5496.565	35.52	6.28	34.30	80.49	87.99	54.00	33.99	Vertical	Average

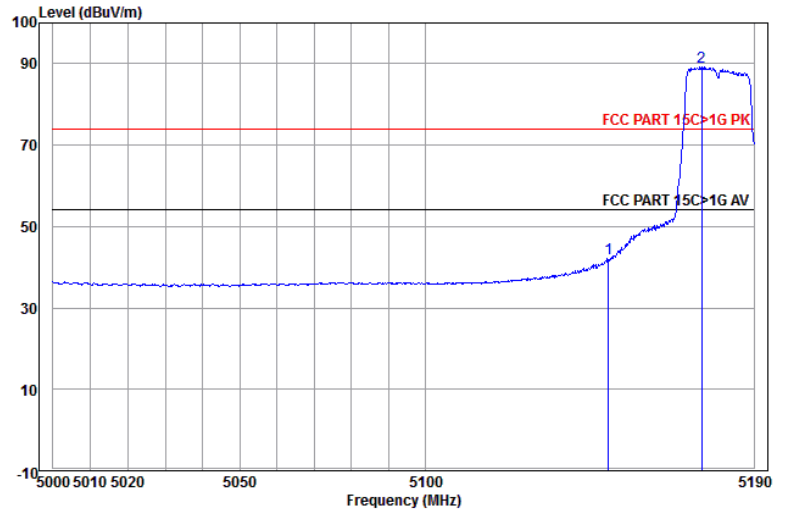
For 802.11n(20M) Operation in the 5150MHz ~5250 MHz band

Worse case mode:	802.11n(20M) (MCS0)		
Frequency: 5180MHz	Test channel: 36 channel	Polarization: Horizontal	Remark: Peak



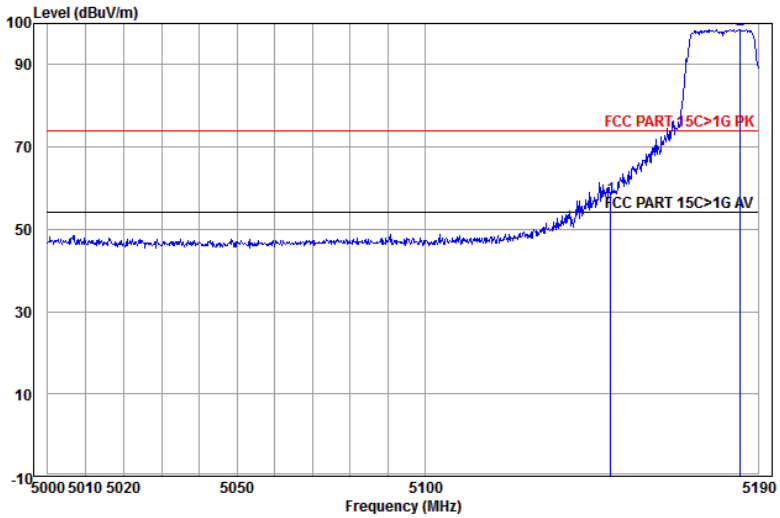
	Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5150.000	35.23	5.43	34.30	51.87	58.23	74.00	-15.77	Horizontal	
2 pp	5184.776	35.26	5.52	34.30	90.82	97.30	74.00	23.30	Horizontal	

Worse case mode:	802.11n(20M) (MCS0)		
Frequency: 5180MHz	Test channel: 36 channel	Polarization: Horizontal	Remark: Average



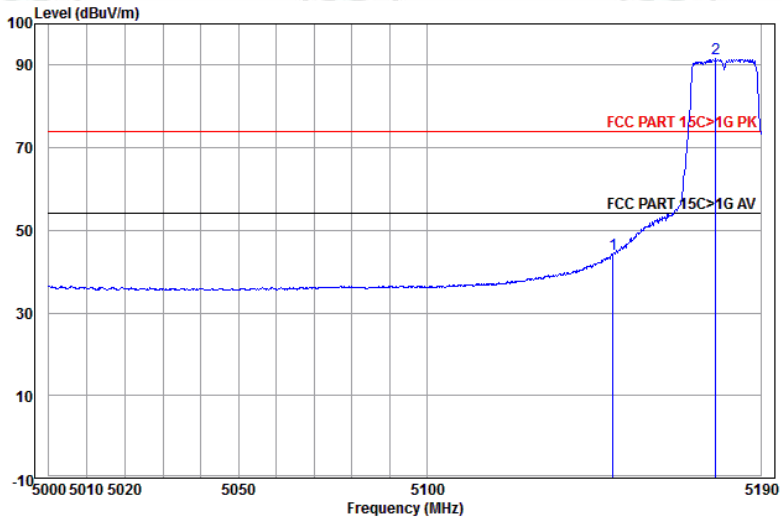
	Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5150.000	35.23	5.43	34.30	35.87	42.23	54.00	-11.77	Horizontal	Average
2 pp	5175.696	35.25	5.49	34.30	82.78	89.22	54.00	35.22	Horizontal	Average

Worse case mode:	802.11n(20M) (MCS0)		
Frequency: 5180MHz	Test channel: 36 channel	Polarization: Vertical	Remark: Peak



	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		
1	5150.000	35.23	5.43	34.30	51.51	57.87	74.00	-16.13	Vertical	
2 pp	5185.163	35.26	5.52	34.30	92.03	98.51	74.00	24.51	Vertical	

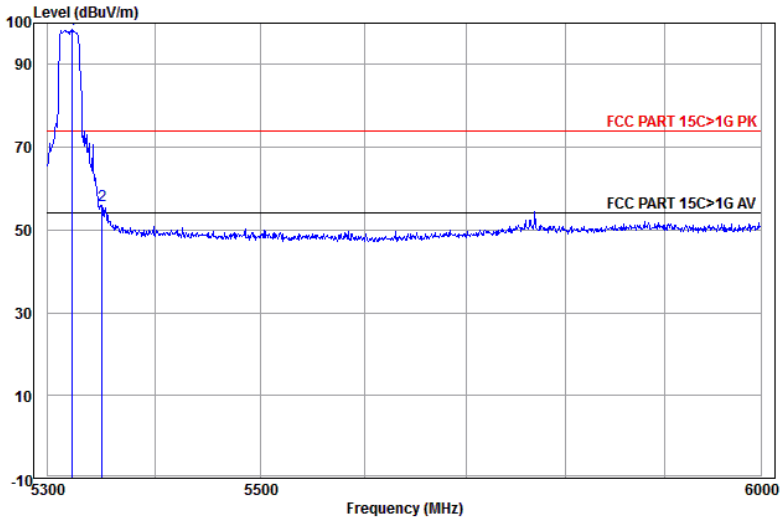
Worse case mode:	802.11n(20M) (MCS0)		
Frequency: 5180MHz	Test channel: 36 channel	Polarization: Vertical	Remark: Average



	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		
1	5150.000	35.23	5.43	34.30	37.82	44.18	54.00	-9.82	Vertical	Average
2 pp	5177.820	35.25	5.50	34.30	85.04	91.49	54.00	37.49	Vertical	Average

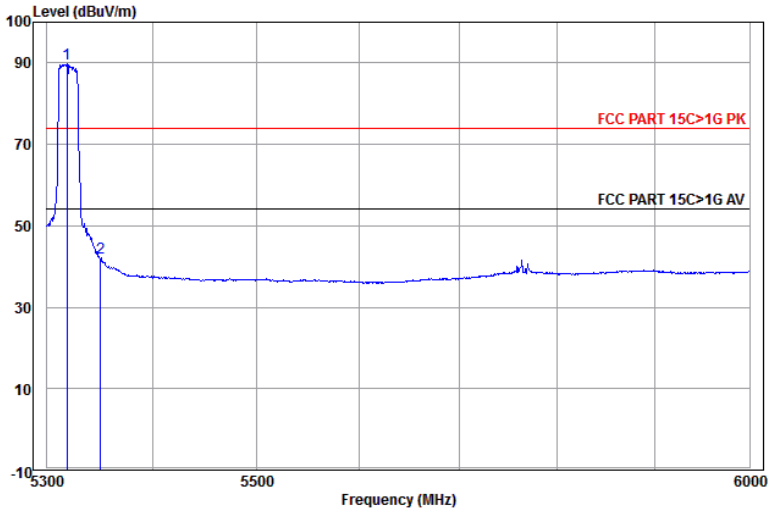
For 802.11n(20M) Operation in the 5250MHz ~5350 MHz band

Worse case mode:	802.11n(20M) (MCS0)		
Frequency: 5320MHz	Test channel: 64 channel	Polarization: Horizontal	Remark: Peak



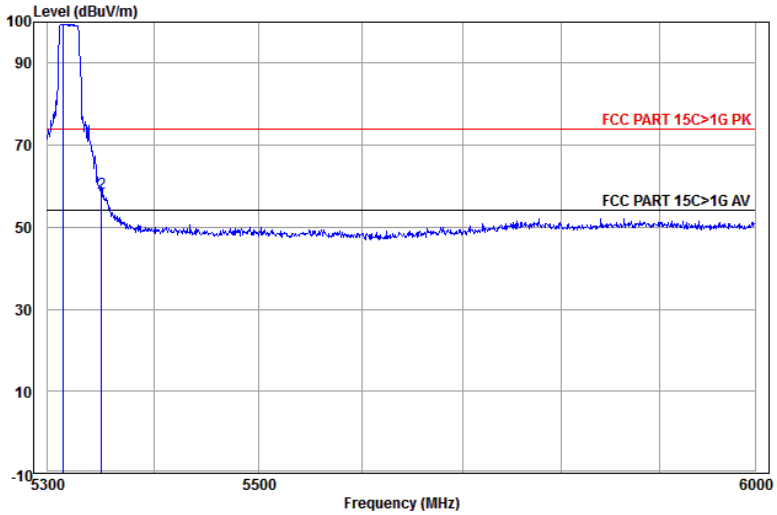
	Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1 pp	5322.401	35.37	5.86	34.30	91.44	98.37	74.00	24.37	Horizontal	
2	5350.000	35.40	5.93	34.30	48.82	55.85	74.00	-18.15	Horizontal	

Worse case mode:	802.11n(20M) (MCS0)		
Frequency: 5320MHz	Test channel: 64 channel	Polarization: Horizontal	Remark: Average



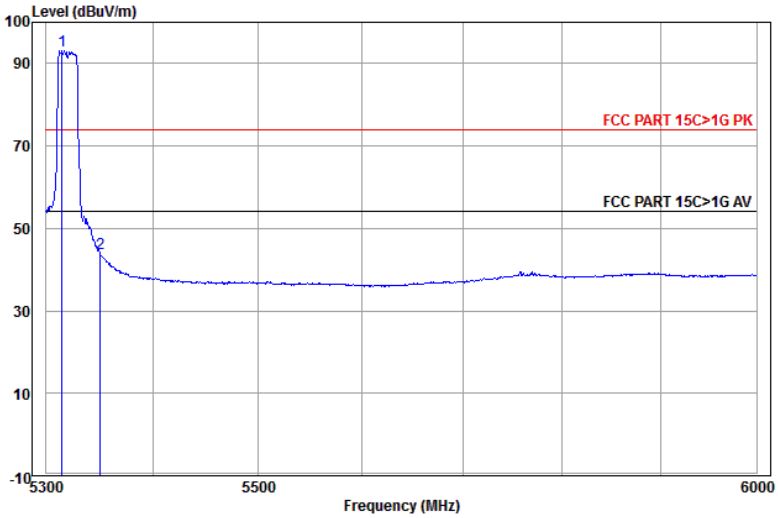
	Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1 pp	5318.441	35.37	5.85	34.30	82.98	89.90	54.00	35.90	Horizontal	Average
2	5350.000	35.40	5.93	34.30	35.12	42.15	54.00	-11.85	Horizontal	Average

Worse case mode:	802.11n(20M) (MCS0)		
Frequency: 5320MHz	Test channel: 64 channel	Polarization: Vertical	Remark: Peak



	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		
1 pp	5313.825	35.37	5.84	34.30	92.64	99.55	74.00	25.55	Vertical	
2	5350.000	35.40	5.93	34.30	51.28	58.31	74.00	-15.69	Vertical	

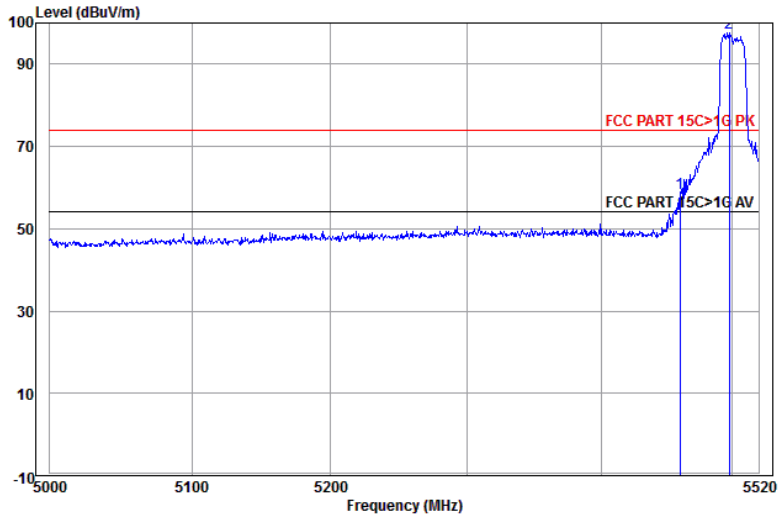
Worse case mode:	802.11n(20M) (MCS0)		
Frequency: 5320MHz	Test channel: 64 channel	Polarization: Vertical	Remark: Average



	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		
1 pp	5314.484	35.37	5.84	34.30	86.23	93.14	54.00	39.14	Vertical	Average
2	5350.000	35.40	5.93	34.30	36.81	43.84	54.00	-10.16	Vertical	Average

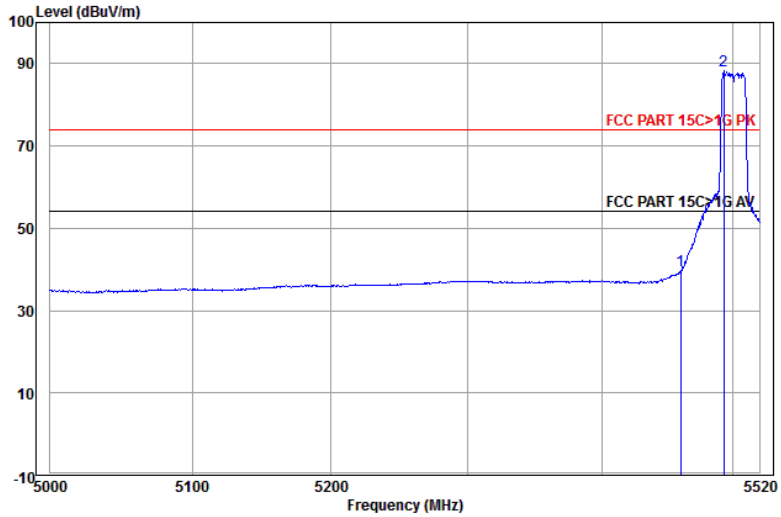
For 802.11n(20M) Operation in the 5470MHz ~5725 MHz band

Worse case mode:	802.11n(20M) (MCS0)		
Frequency: 5500MHz	Test channel: 100 channel	Polarization: Horizontal	Remark: Peak



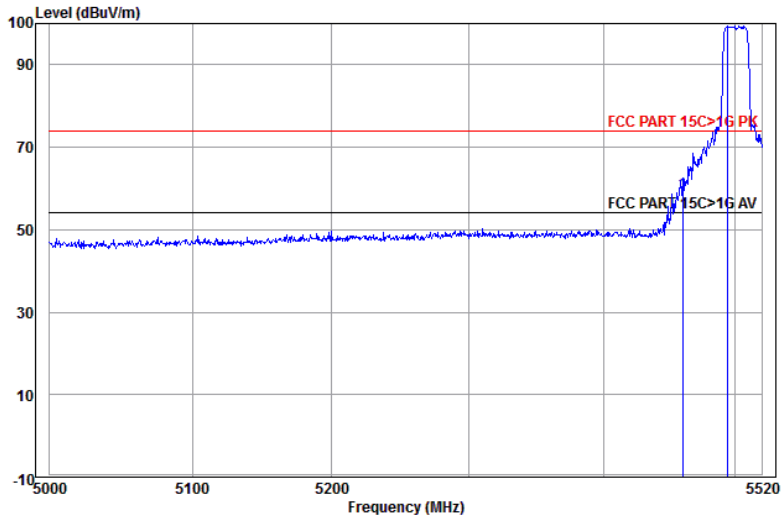
	Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5460.000	35.49	6.19	34.30	51.22	58.60	74.00	-15.40	Horizontal	
2 pp	5497.653	35.52	6.28	34.30	90.22	97.72	74.00	23.72	Horizontal	

Worse case mode:	802.11n(20M) (MCS0)		
Frequency: 5500MHz	Test channel: 100 channel	Polarization: Horizontal	Remark: Average



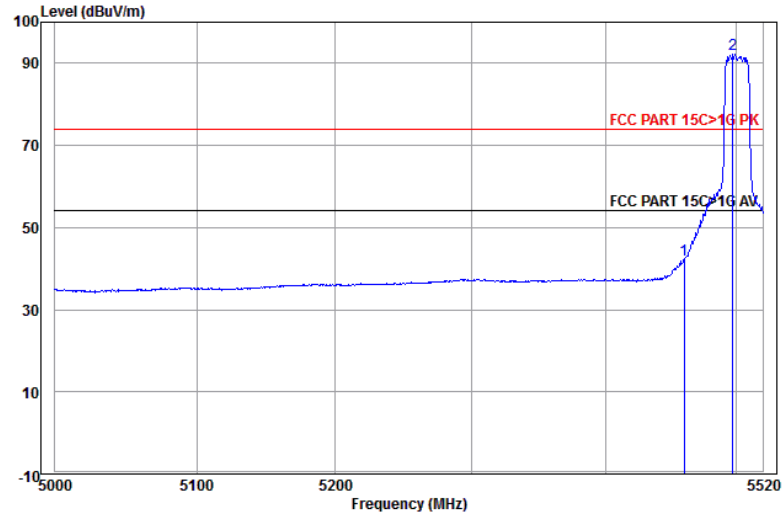
	Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5460.000	35.49	6.19	34.30	32.45	39.83	54.00	-14.17	Horizontal	Average
2 pp	5492.760	35.51	6.27	34.30	80.68	88.16	54.00	34.16	Horizontal	Average

Worse case mode:	802.11n(20M) (MCS0)		
Frequency: 5500MHz	Test channel: 100 channel	Polarization: Vertical	Remark: Peak



	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		
1	5460.000	35.49	6.19	34.30	51.62	59.00	74.00	-15.00	Vertical	
2 pp	5493.847	35.51	6.27	34.30	91.99	99.47	74.00	25.47	Vertical	

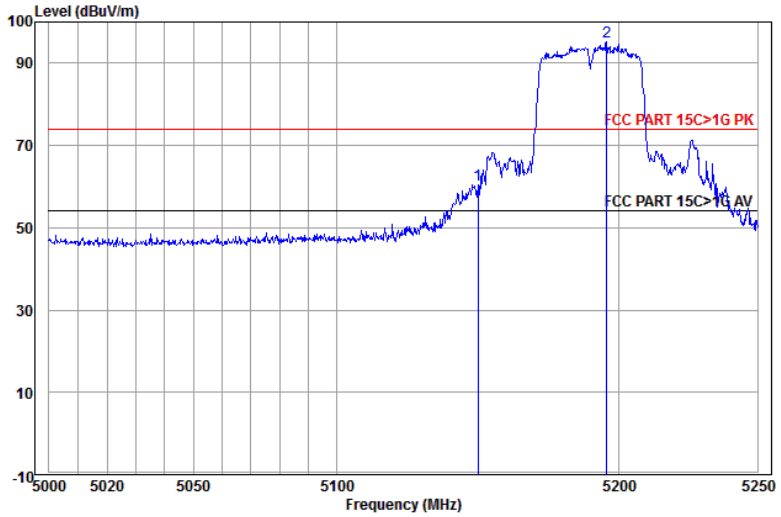
Worse case mode:	802.11n(20M) (MCS0)		
Frequency: 5500MHz	Test channel: 100 channel	Polarization: Vertical	Remark: Average



	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		
1	5460.000	35.49	6.19	34.30	34.66	42.04	54.00	-11.96	Vertical	Average
2 pp	5497.109	35.52	6.28	34.30	84.81	92.31	54.00	38.31	Vertical	Average

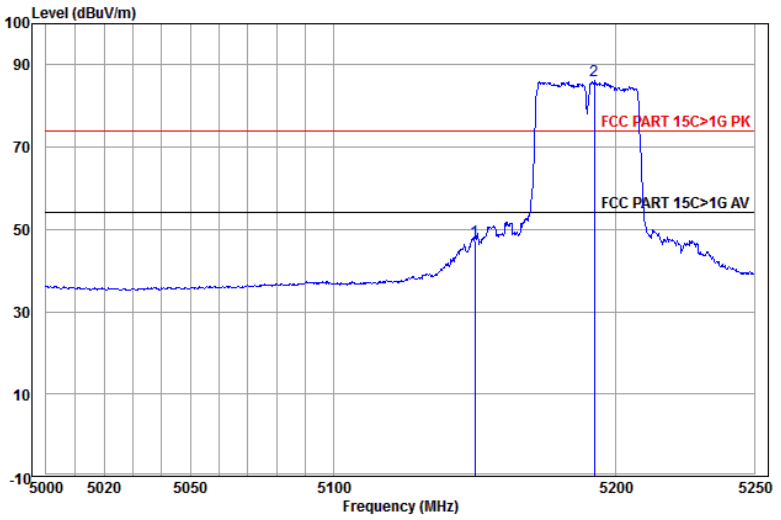
For 802.11n(40M) Operation in the 5150MHz ~5250 MHz band

Worse case mode:	802.11n(40M) (MCS0)		
Frequency: 5190MHz	Test channel: 38 channel	Polarization: Horizontal	Remark: Peak



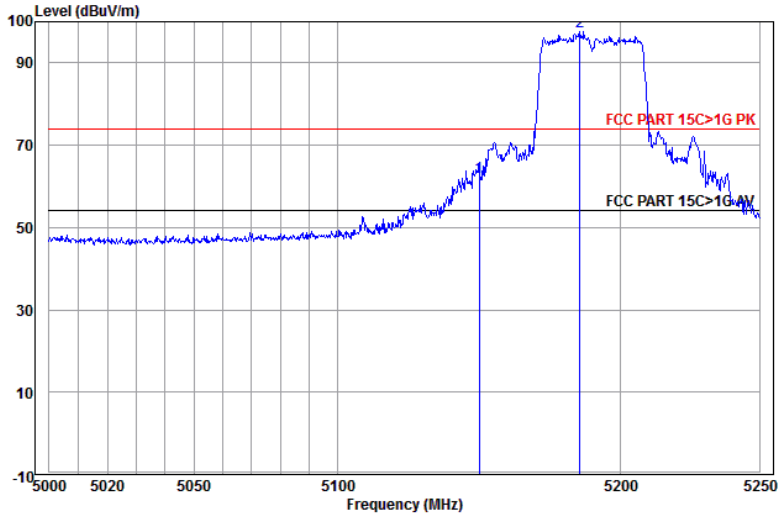
	Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5150.000	35.23	5.43	34.30	54.11	60.47	74.00	-13.53	Horizontal	
2 pp	5195.723	35.27	5.54	34.30	88.76	95.27	74.00	21.27	Horizontal	

Worse case mode:	802.11n(40M) (MCS0)		
Frequency: 5190MHz	Test channel: 38 channel	Polarization: Horizontal	Remark: Average



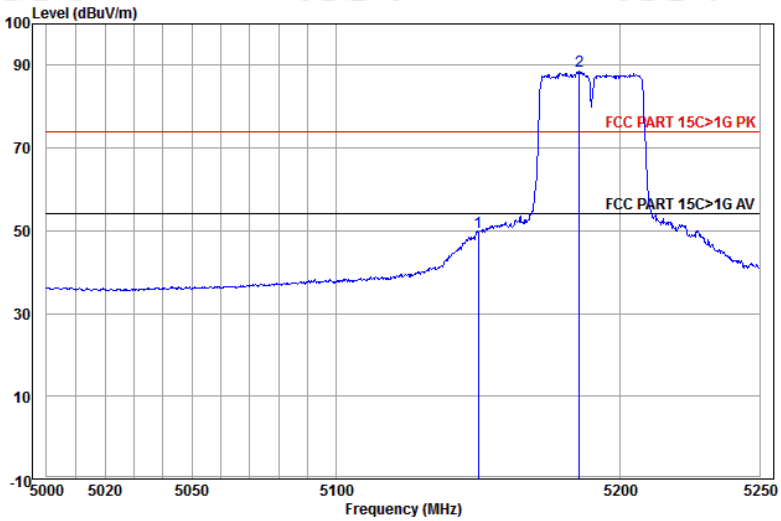
	Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5150.000	35.23	5.43	34.30	41.00	47.36	54.00	-6.64	Horizontal	Average
2 pp	5192.428	35.27	5.54	34.30	79.60	86.11	54.00	32.11	Horizontal	Average

Worse case mode:	802.11n(40M) (MCS0)		
Frequency: 5190MHz	Test channel: 38 channel	Polarization: Vertical	Remark: Peak



	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		
1	5150.000	35.23	5.43	34.30	55.92	62.28	74.00	-11.72	Vertical	
2 pp	5185.593	35.26	5.52	34.30	91.21	97.69	74.00	23.69	Vertical	

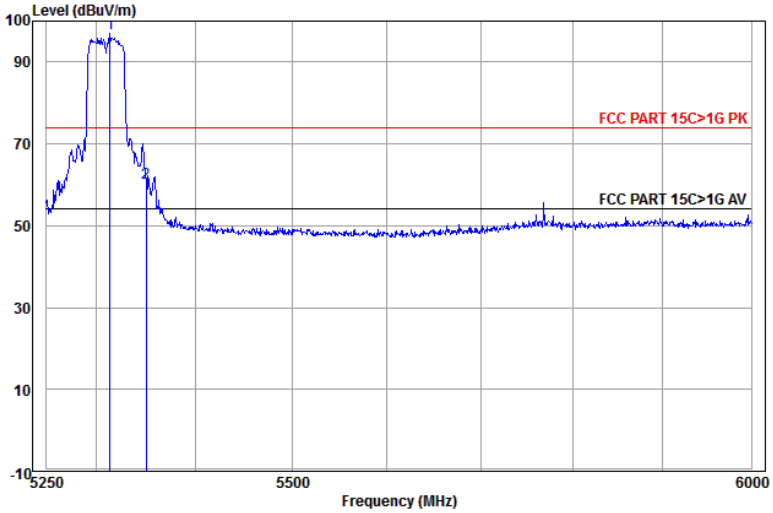
Worse case mode:	802.11n(40M) (MCS0)		
Frequency: 5190MHz	Test channel: 38 channel	Polarization: Vertical	Remark: Average



	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		
1	5150.000	35.23	5.43	34.30	43.28	49.64	54.00	-4.36	Vertical	Average
2 pp	5185.593	35.26	5.52	34.30	82.00	88.48	54.00	34.48	Vertical	Average

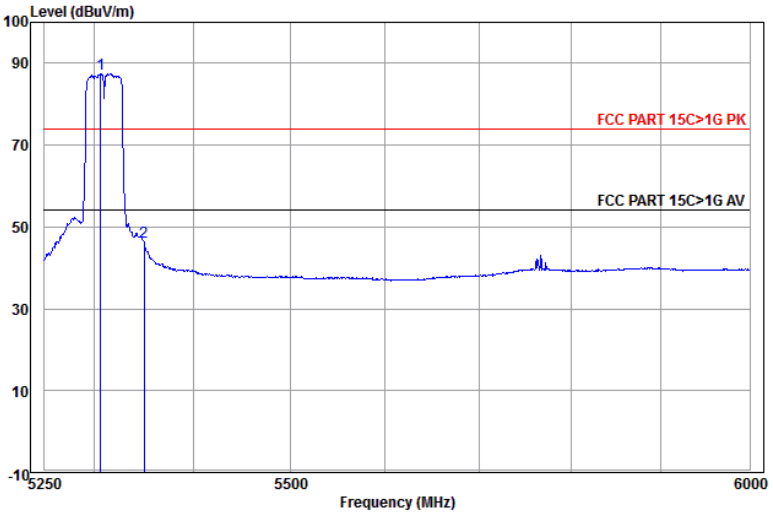
For 802.11n(40M) Operation in the 5250MHz ~5350 MHz band

Worse case mode:	802.11n(40M) (MCS0)		
Frequency: 5310MHz	Test channel: 62 channel	Polarization: Horizontal	Remark: Peak



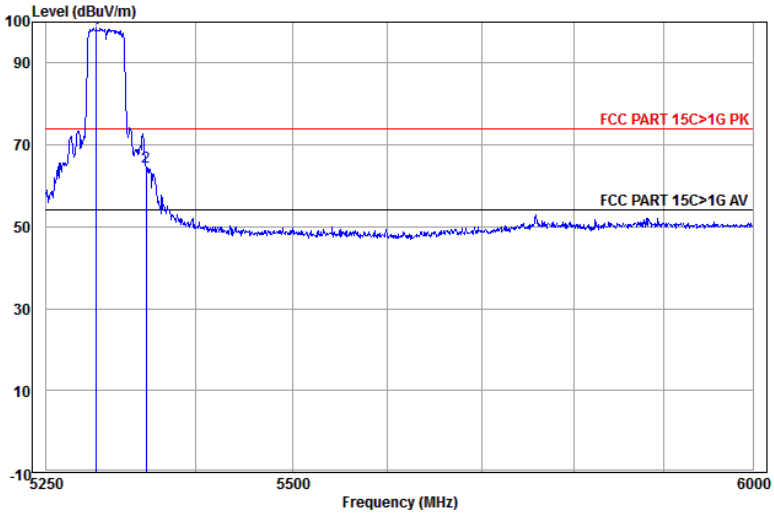
	Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1 pp	5313.474	35.37	5.84	34.30	90.05	96.96	74.00	22.96	Horizontal	
2	5350.000	35.40	5.93	34.30	53.42	60.45	74.00	-13.55	Horizontal	

Worse case mode:	802.11n(40M) (MCS0)		
Frequency: 5310MHz	Test channel: 62 channel	Polarization: Horizontal	Remark: Average



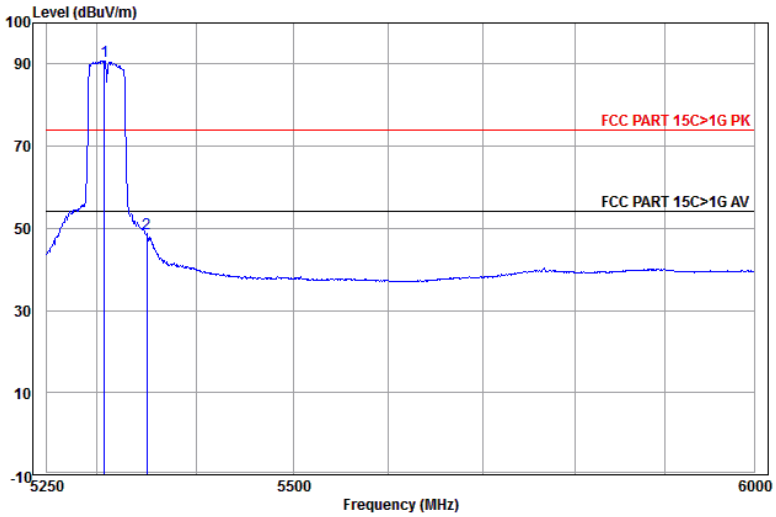
	Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1 pp	5306.384	35.36	5.82	34.30	80.50	87.38	54.00	33.38	Horizontal	Average
2	5350.000	35.40	5.93	34.30	39.18	46.21	54.00	-7.79	Horizontal	Average

Worse case mode:	802.11n(40M) (MCS0)		
Frequency: 5310MHz	Test channel: 62 channel	Polarization: Vertical	Remark: Peak



	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		
1 pp	5300.011	35.36	5.80	34.30	91.59	98.45	74.00	24.45	Vertical	
2	5350.000	35.40	5.93	34.30	57.55	64.58	74.00	-9.42	Vertical	

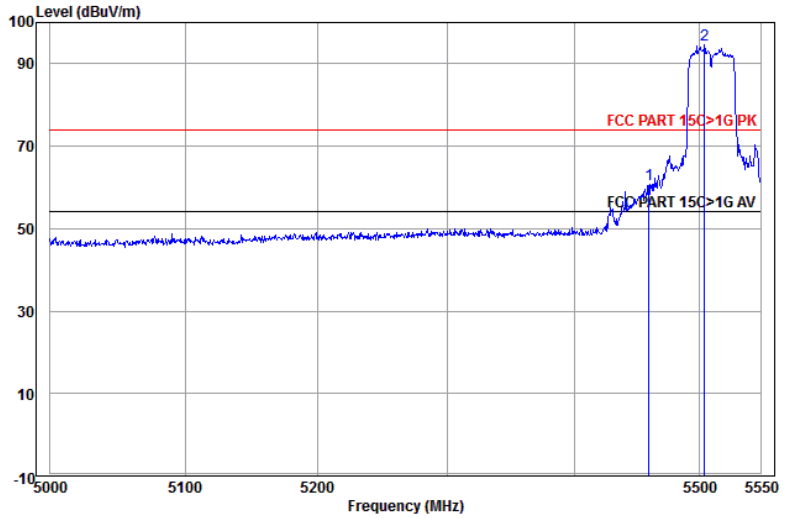
Worse case mode:	802.11n(40M) (MCS0)		
Frequency: 5310MHz	Test channel: 62 channel	Polarization: Vertical	Remark: Average



	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		
1 pp	5307.092	35.36	5.82	34.30	83.95	90.83	54.00	36.83	Vertical	Average
2	5350.000	35.40	5.93	34.30	41.71	48.74	54.00	-5.26	Vertical	Average

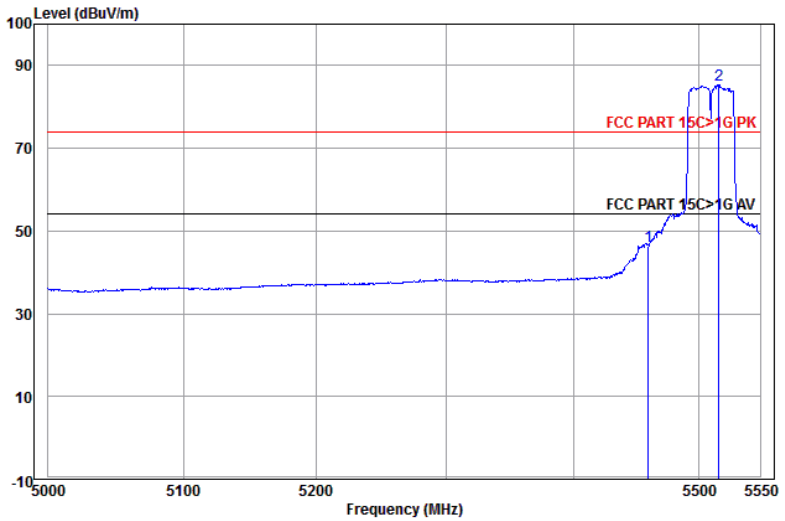
For 802.11n(40M) Operation in the 5470MHz ~5725 MHz band

Worse case mode:	802.11n(40M) (MCS0)		
Frequency: 5510MHz	Test channel: 102 channel	Polarization: Horizontal	Remark: Peak



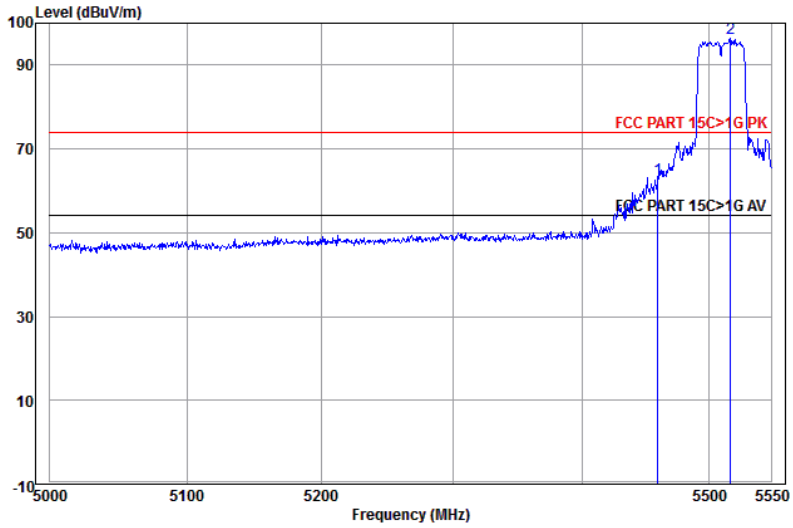
	Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5460.000	35.49	6.19	34.30	53.43	60.81	74.00	-13.19	Horizontal	
2 pp	5504.432	35.52	6.30	34.30	87.10	94.62	74.00	20.62	Horizontal	

Worse case mode:	802.11n(40M) (MCS0)		
Frequency: 5510MHz	Test channel: 102 channel	Polarization: Horizontal	Remark: Average



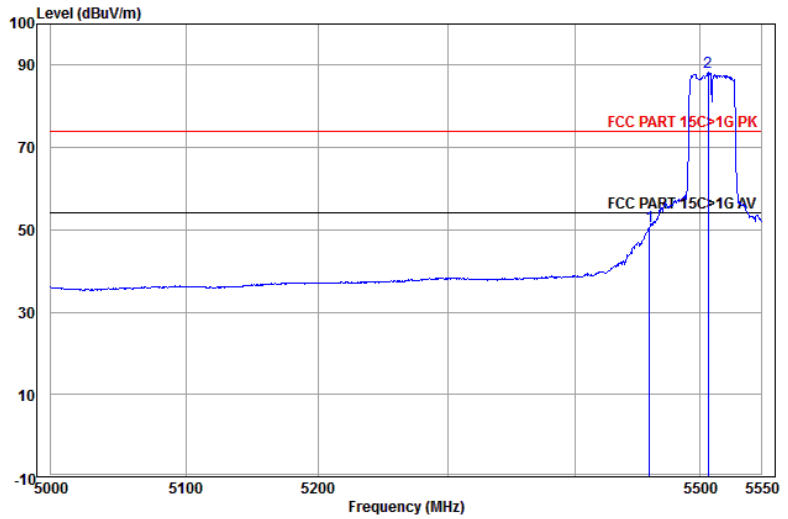
	Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5460.000	35.49	6.19	34.30	39.11	46.49	54.00	-7.51	Horizontal	Average
2 pp	5516.508	35.53	6.33	34.30	77.84	85.40	54.00	31.40	Horizontal	Average

Worse case mode:	802.11n(40M) (MCS0)		
Frequency: 5510MHz	Test channel: 102 channel	Polarization: Vertical	Remark: Peak



	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		
1	5460.000	35.49	6.19	34.30	55.51	62.89	74.00	-11.11	Vertical	
2 pp	5517.660	35.53	6.33	34.30	88.92	96.48	74.00	22.48	Vertical	

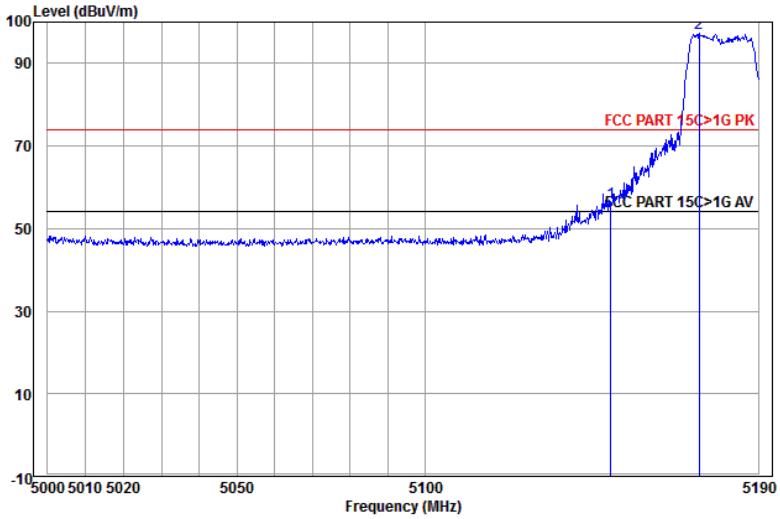
Worse case mode:	802.11n(40M) (MCS0)		
Frequency: 5510MHz	Test channel: 102 channel	Polarization: Vertical	Remark: Average



	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		
1	5460.000	35.49	6.19	34.30	43.48	50.86	54.00	-3.14	Vertical	Average
2 pp	5507.304	35.52	6.31	34.30	80.65	88.18	54.00	34.18	Vertical	Average

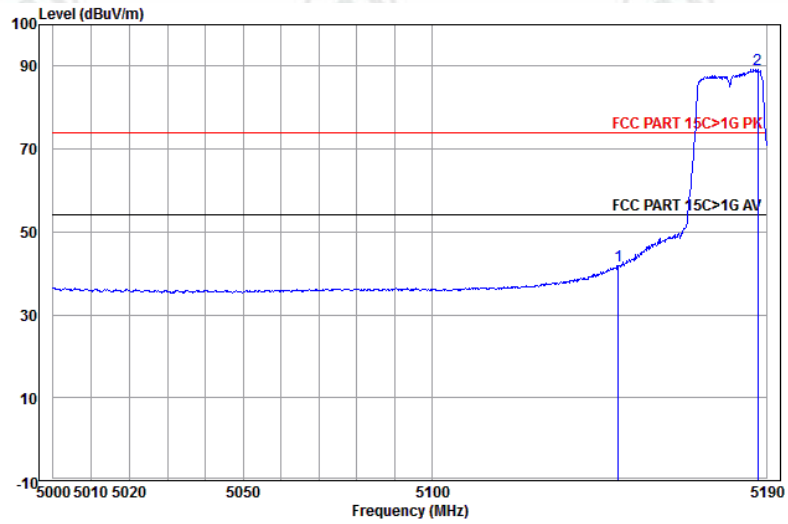
For 802.11ac(20M) Operation in the 5150MHz ~5250 MHz band

Worse case mode:	802.11ac(20M) (MCS0)		
Frequency: 5180MHz	Test channel: 36 channel	Polarization: Horizontal	Remark: Peak



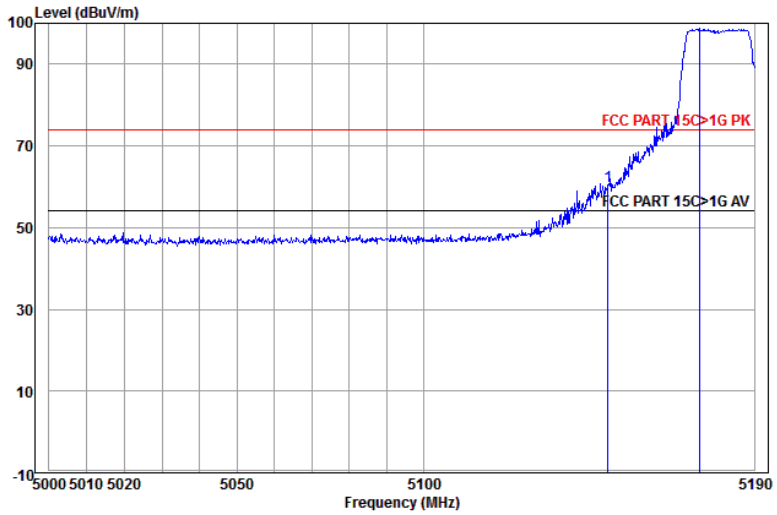
	Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5150.000	35.23	5.43	34.30	49.97	56.33	74.00	-17.67	Horizontal	
2 pp	5173.959	35.25	5.49	34.30	90.90	97.34	74.00	23.34	Horizontal	

Worse case mode:	802.11ac(20M) (MCS0)		
Frequency: 5180MHz	Test channel: 36 channel	Polarization: Vertical	Remark: Average



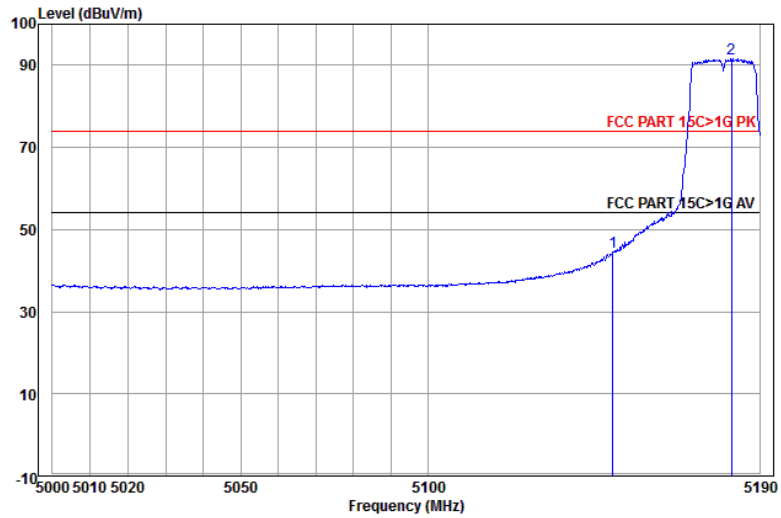
	Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5150.000	35.23	5.43	34.30	35.41	41.77	54.00	-12.23	Horizontal	Average
2 pp	5187.678	35.26	5.52	34.30	82.76	89.24	54.00	35.24	Horizontal	Average

Worse case mode:	802.11ac(20M) (MCS0)		
Frequency: 5180MHz	Test channel: 36 channel	Polarization: Vertical	Remark: Peak



	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		
1	5150.000	35.23	5.43	34.30	53.66	60.02	74.00	-13.98	Vertical	
2 pp	5174.924	35.25	5.49	34.30	92.24	98.68	74.00	24.68	Vertical	

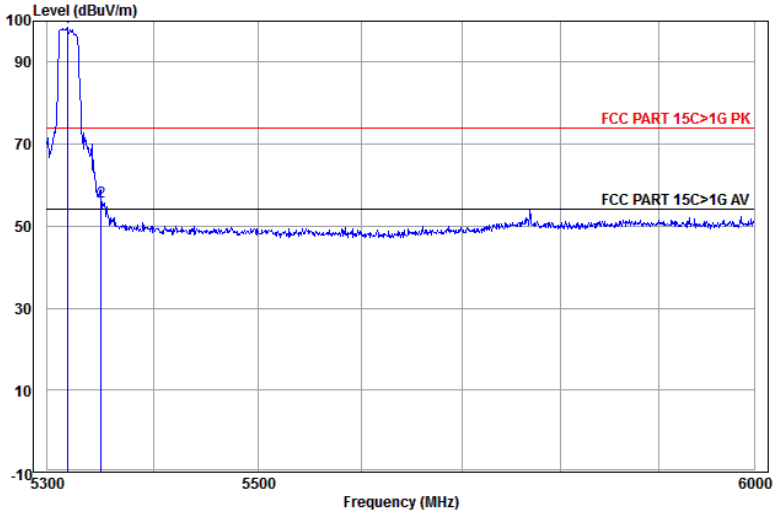
Worse case mode:	802.11ac(20M) (MCS0)		
Frequency: 5180MHz	Test channel: 36 channel	Polarization: Vertical	Remark: Average



	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		
1	5150.000	35.23	5.43	34.30	38.09	44.45	54.00	-9.55	Vertical	Average
2 pp	5182.263	35.26	5.51	34.30	85.10	91.57	54.00	37.57	Vertical	Average

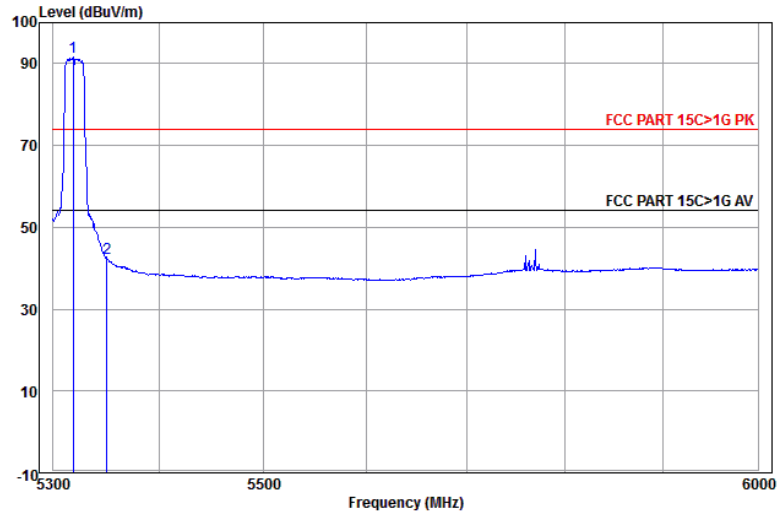
For 802.11ac(20M) Operation in the 5250MHz ~5350 MHz band

Worse case mode:	802.11ac(20M) (MCS0)		
Frequency: 5320MHz	Test channel: 64 channel	Polarization: Horizontal	Remark: Peak



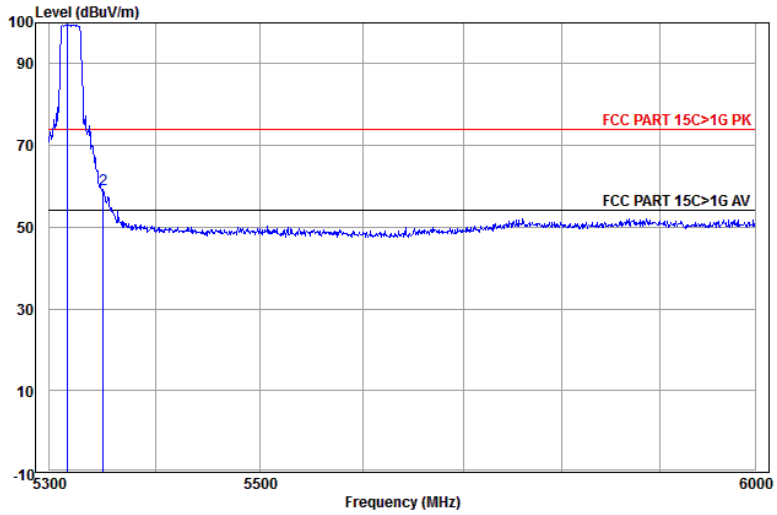
	Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1 pp	5318.441	35.37	5.85	34.30	91.53	98.45	74.00	24.45	Horizontal	
2	5350.000	35.40	5.93	34.30	48.80	55.83	74.00	-18.17	Horizontal	

Worse case mode:	802.11ac(20M) (MCS0)		
Frequency: 5320MHz	Test channel: 64 channel	Polarization: Horizontal	Remark: Average



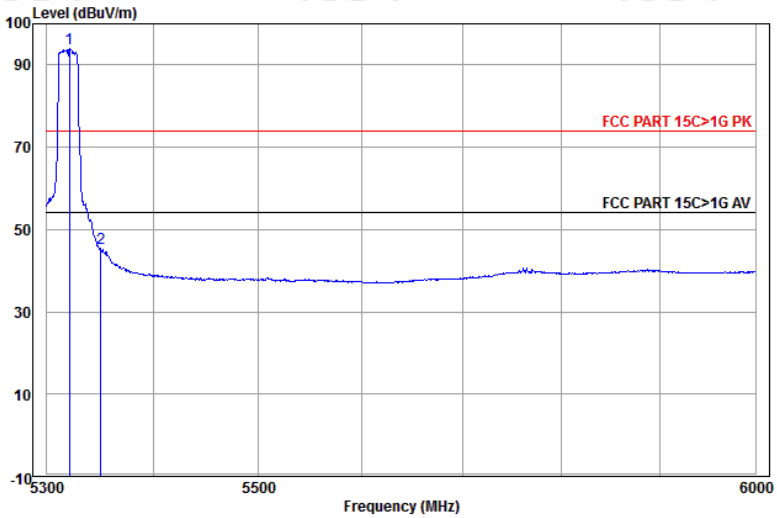
	Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1 pp	5318.441	35.37	5.85	34.30	84.54	91.46	54.00	37.46	Horizontal	Average
2	5350.000	35.40	5.93	34.30	35.33	42.36	54.00	-11.64	Horizontal	Average

Worse case mode:	802.11ac(20M) (MCS0)		
Frequency: 5320MHz	Test channel: 64 channel	Polarization: Vertical	Remark: Peak



	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		
1 pp	5317.122	35.37	5.85	34.30	92.64	99.56	74.00	25.56	Vertical	
2	5350.000	35.40	5.93	34.30	52.25	59.28	74.00	-14.72	Vertical	

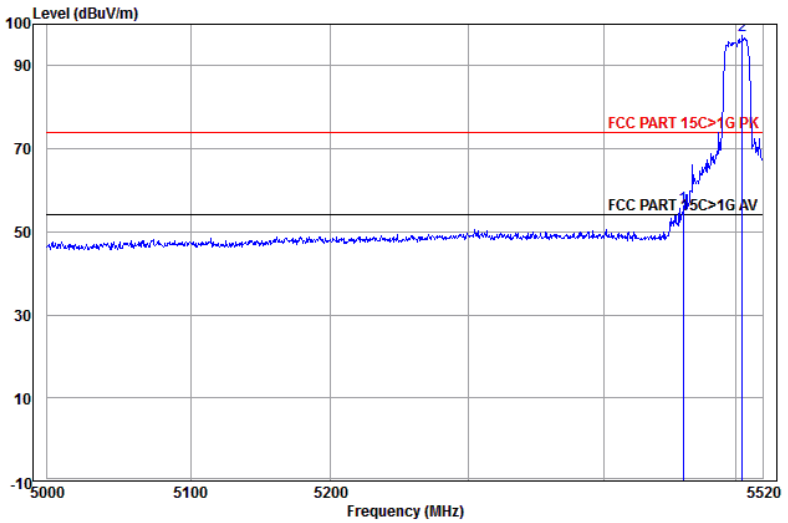
Worse case mode:	802.11ac(20M) (MCS0)		
Frequency: 5320MHz	Test channel: 64 channel	Polarization: Vertical	Remark: Average



	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		
1 pp	5321.081	35.37	5.86	34.30	86.94	93.87	54.00	39.87	Vertical	Average
2	5350.000	35.40	5.93	34.30	38.43	45.46	54.00	-8.54	Vertical	Average

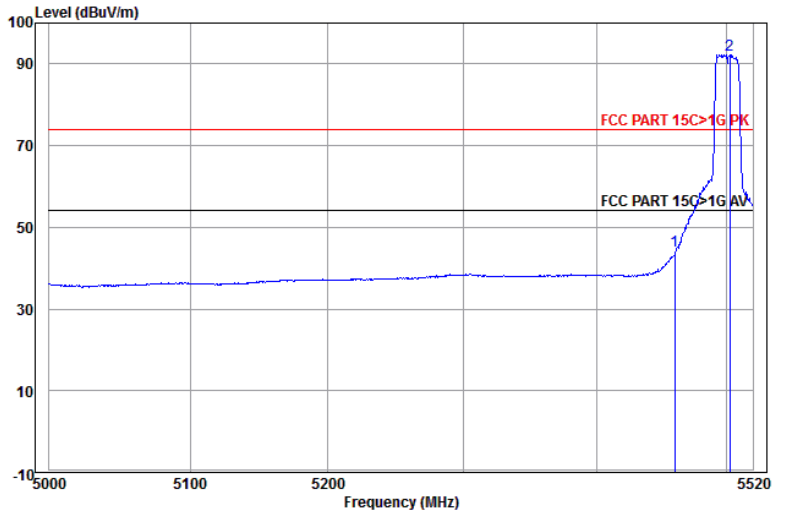
For 802.11ac(20M) Operation in the 5470MHz ~5600 MHz band

Worse case mode:	802.11ac(20M) (MCS0)		
Frequency: 5500MHz	Test channel: 100 channel	Polarization: Horizontal	Remark: Peak



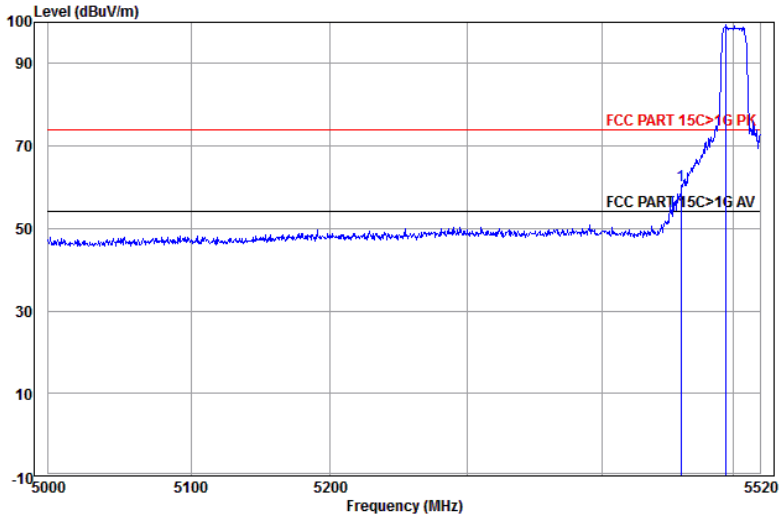
	Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5460.000	35.49	6.19	34.30	48.42	55.80	74.00	-18.20	Horizontal	
2 pp	5504.729	35.52	6.30	34.30	89.76	97.28	74.00	23.28	Horizontal	

Worse case mode:	802.11ac(20M) (MCS0)		
Frequency: 5500MHz	Test channel: 100 channel	Polarization: Horizontal	Remark: Average



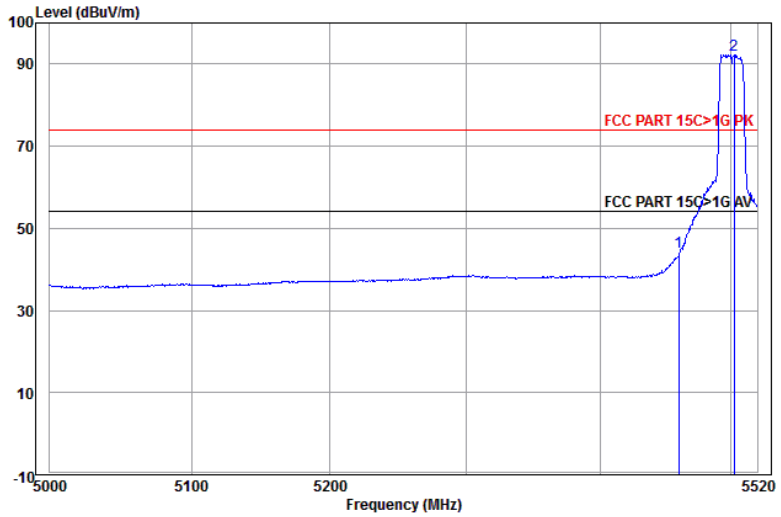
	Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5460.000	35.49	6.19	34.30	36.90	44.28	54.00	-9.72	Horizontal	Average
2 pp	5502.006	35.52	6.29	34.30	84.84	92.35	54.00	38.35	Horizontal	Average

Worse case mode:	802.11ac(20M) (MCS0)		
Frequency: 5500MHz	Test channel: 100 channel	Polarization: Vertical	Remark: Peak



	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		
1	5460.000	35.49	6.19	34.30	53.02	60.40	74.00	-13.60	Vertical	
2 pp	5494.391	35.51	6.28	34.30	91.89	99.38	74.00	25.38	Vertical	

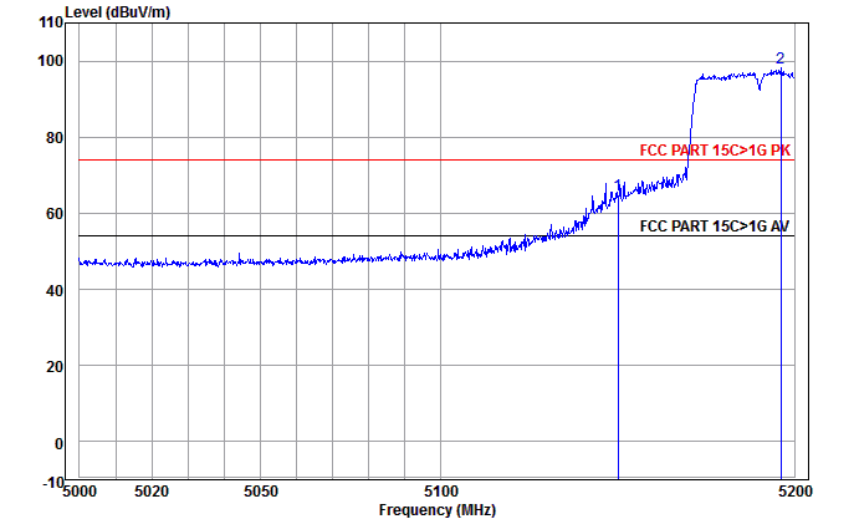
Worse case mode:	802.11ac(20M) (MCS0)		
Frequency: 5500MHz	Test channel: 100 channel	Polarization: Vertical	Remark: Average



	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		
1	5460.000	35.49	6.19	34.30	36.90	44.28	54.00	-9.72	Vertical	Average
2 pp	5502.006	35.52	6.29	34.30	84.84	92.35	54.00	38.35	Vertical	Average

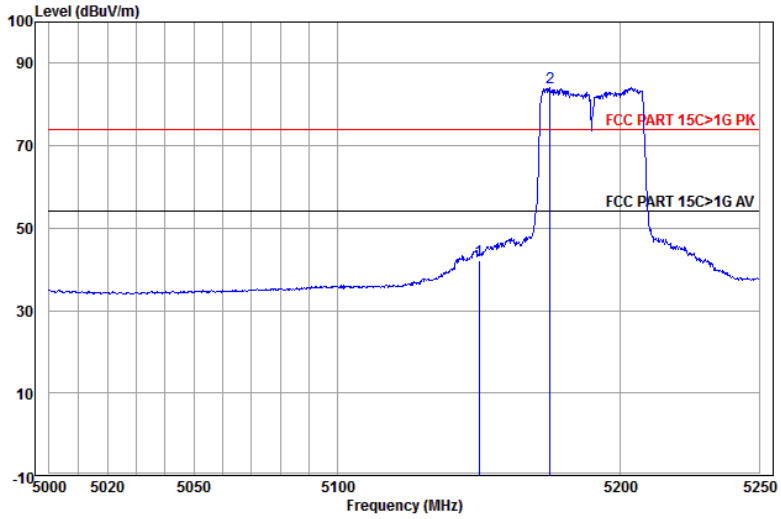
For 802.11ac(40M) Operation in the 5150MHz ~5250 MHz band

Worse case mode:	802.11ac(40M) (MCS0)		
Frequency: 5190MHz	Test channel: 38 channel	Polarization: Horizontal	Remark: Peak



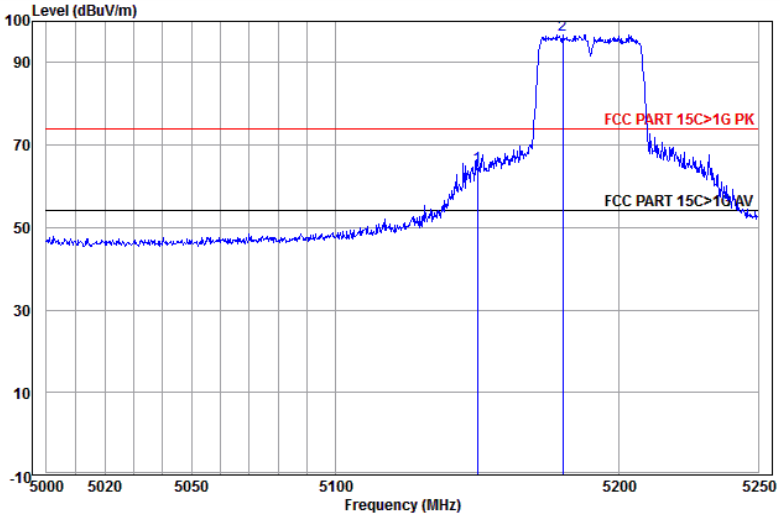
	Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5150.000	35.23	5.43	34.30	58.41	64.77	74.00	-9.23	Horizontal	
2 pp	5196.200	35.27	5.54	34.30	91.74	98.25	74.00	24.25	Horizontal	

Worse case mode:	802.11ac(40M) (MCS0)		
Frequency: 5190MHz	Test channel: 38 channel	Polarization: Horizontal	Remark: Average



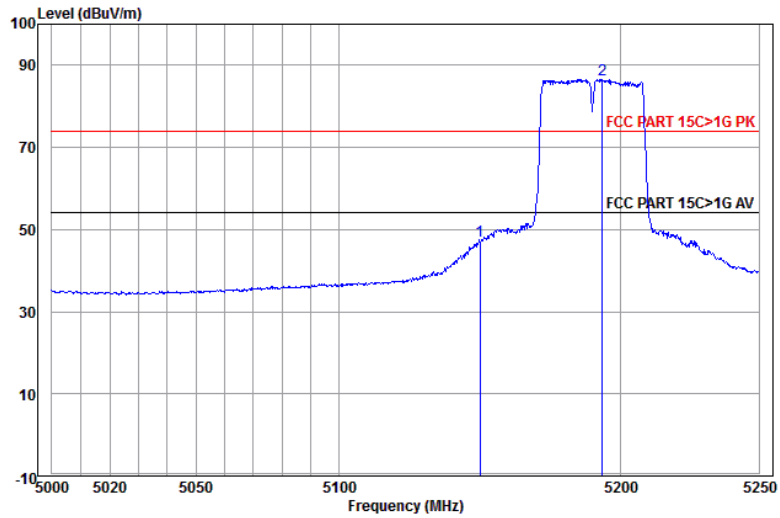
	Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5150.000	35.23	5.43	34.30	35.91	42.27	54.00	-11.73	Horizontal	Average
2 pp	5175.230	35.25	5.49	34.30	77.60	84.04	54.00	30.04	Horizontal	Average

Worse case mode:	802.11ac(40M) (MCS0)		
Frequency: 5190MHz	Test channel: 38 channel	Polarization: Vertical	Remark: Peak



	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		
1	5150.000	35.23	5.43	34.30	58.31	64.67	74.00	-9.33	Vertical	
2 pp	5180.282	35.26	5.50	34.30	90.35	96.81	74.00	22.81	Vertical	

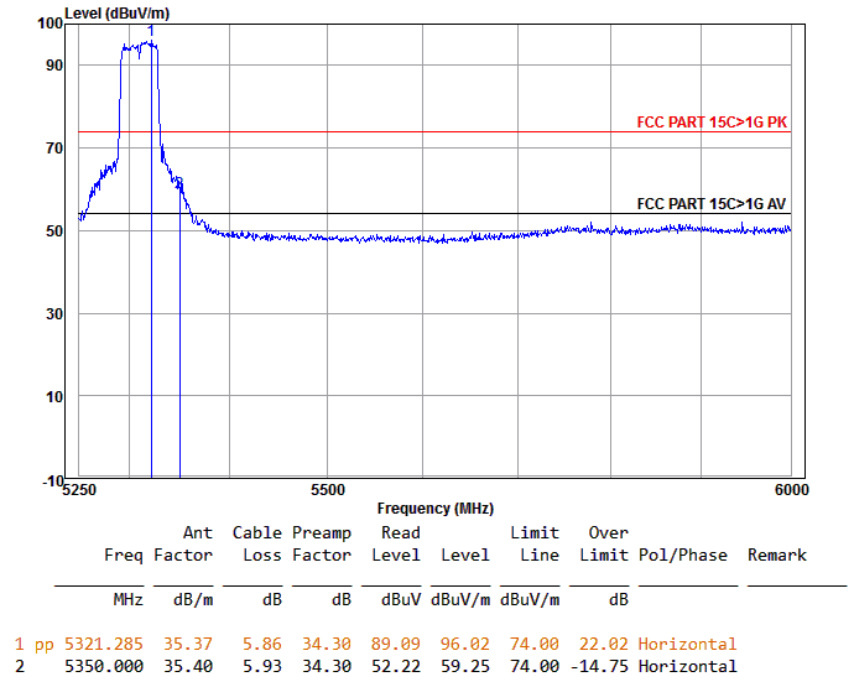
Worse case mode:	802.11ac(40M) (MCS0)		
Frequency: 5190MHz	Test channel: 38 channel	Polarization: Vertical	Remark: Average



	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		
1	5150.000	35.23	5.43	34.30	40.97	47.33	54.00	-6.67	Vertical	Average
2 pp	5193.695	35.27	5.54	34.30	80.04	86.55	54.00	32.55	Vertical	Average

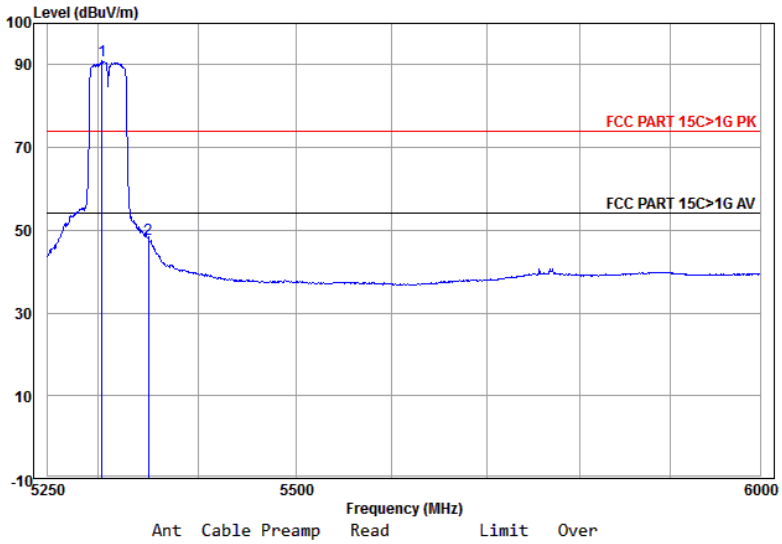
For 802.11ac(40M) Operation in the 5250MHz ~5350 MHz band

Worse case mode:	802.11ac(40M) (MCS0)		
Frequency: 5310MHz	Test channel: 62 channel	Polarization: Horizontal	Remark: Peak



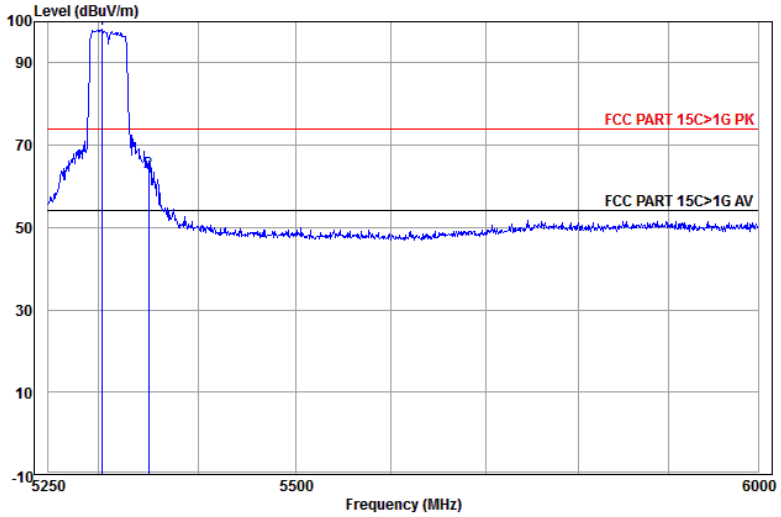
	Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1 pp	5321.285	35.37	5.86	34.30	89.09	96.02	74.00	22.02	Horizontal	
2	5350.000	35.40	5.93	34.30	52.22	59.25	74.00	-14.75	Horizontal	

Worse case mode:	802.11ac(40M) (MCS0)		
Frequency: 5310MHz	Test channel: 62 channel	Polarization: Horizontal	Remark: Average



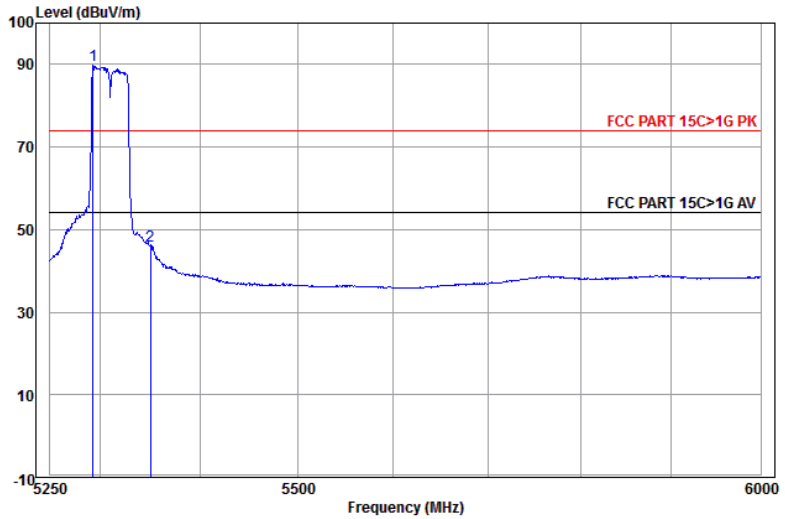
	Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1 pp	5303.550	35.36	5.81	34.30	84.07	90.94	54.00	36.94	Horizontal	Average
2	5350.000	35.40	5.93	34.30	40.69	47.72	54.00	-6.28	Horizontal	Average

Worse case mode:	802.11ac(40M) (MCS0)		
Frequency: 5310MHz	Test channel: 62 channel	Polarization: Vertical	Remark: Peak



	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		
1 pp	5302.842	35.36	5.81	34.30	91.26	98.13	74.00	24.13	Vertical	
2	5350.000	35.40	5.93	34.30	56.50	63.53	74.00	-10.47	Vertical	

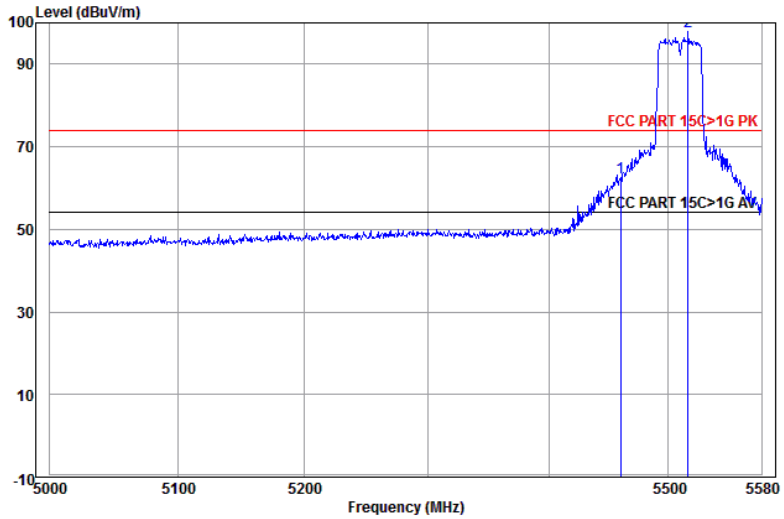
Worse case mode:	802.11ac(40M) (MCS0)		
Frequency: 5310MHz	Test channel: 62 channel	Polarization: Vertical	Remark: Average



	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		
1 pp	5292.231	35.35	5.78	34.30	82.94	89.77	54.00	35.77	Vertical	Average
2	5350.000	35.40	5.93	34.30	38.90	45.93	54.00	-8.07	Vertical	Average

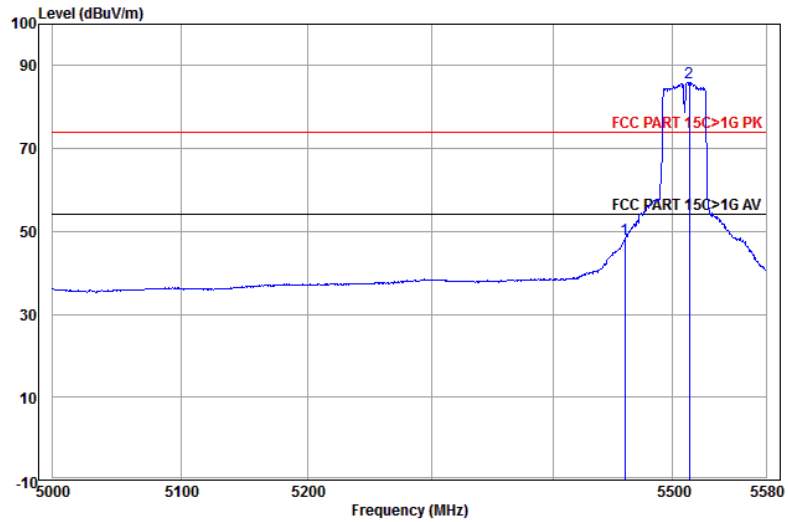
For 802.11ac(40M) Operation in the 5470MHz ~5725 MHz band

Worse case mode:	802.11ac(40M) (MCS0)		
Frequency: 5510MHz	Test channel: 102 channel	Polarization: Horizontal	Remark: Peak



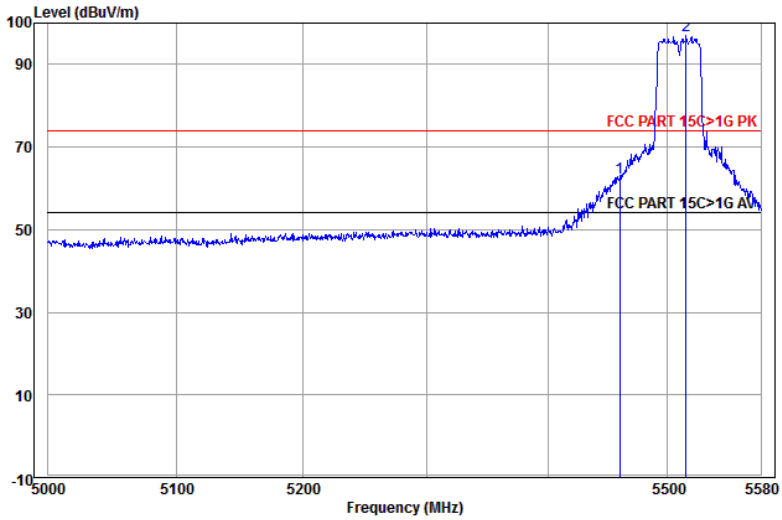
	Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5460.000	35.49	6.19	34.30	55.14	62.52	74.00	-11.48	Horizontal	
2 pp	5517.277	35.53	6.33	34.30	90.23	97.79	74.00	23.79	Horizontal	

Worse case mode:	802.11ac(40M) (MCS0)		
Frequency: 5510MHz	Test channel: 102 channel	Polarization: Horizontal	Remark: Average



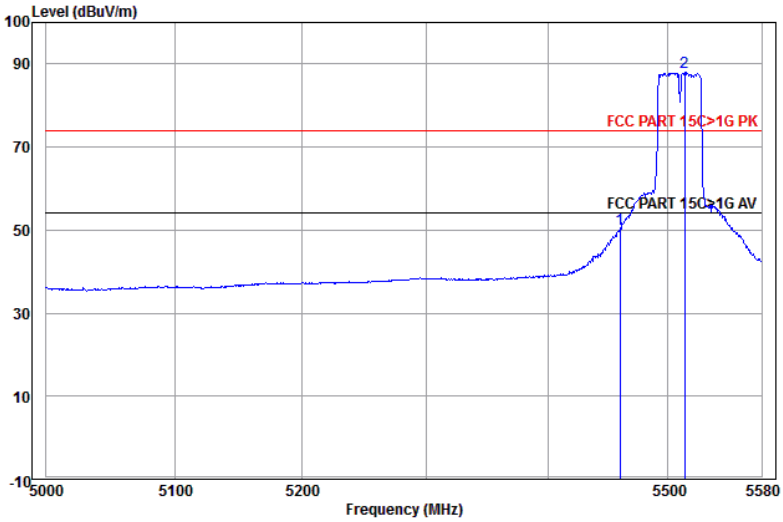
	Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5460.000	35.49	6.19	34.30	40.71	48.09	54.00	-5.91	Horizontal	Average
2 pp	5514.855	35.53	6.32	34.30	78.40	85.95	54.00	31.95	Horizontal	Average

Worse case mode:	802.11ac(40M) (MCS0)		
Frequency: 5510MHz	Test channel: 102 channel	Polarization: Vertical	Remark: Peak



	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		
1	5460.000	35.49	6.19	34.30	55.20	62.58	74.00	-11.42	Vertical	
2 pp	5516.066	35.53	6.33	34.30	89.48	97.04	74.00	23.04	Vertical	

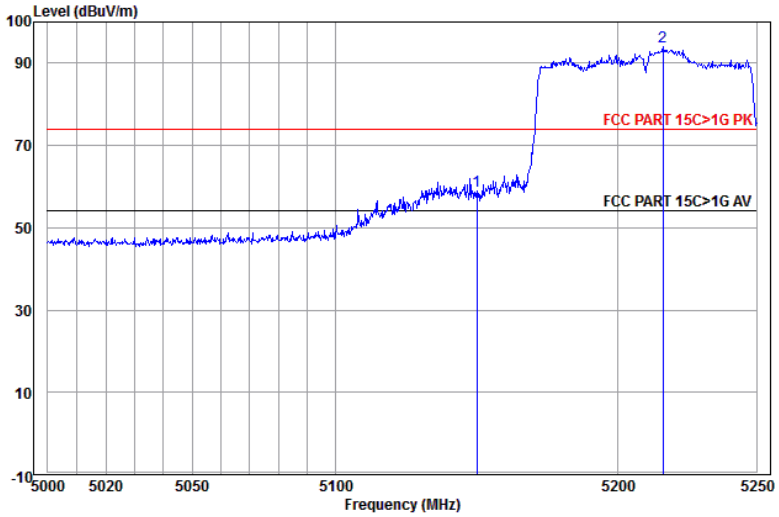
Worse case mode:	802.11ac(40M) (MCS0)		
Frequency: 5510MHz	Test channel: 102 channel	Polarization: Vertical	Remark: Average



	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		
1	5460.000	35.49	6.19	34.30	42.88	50.26	54.00	-3.74	Vertical	Average
2 pp	5514.855	35.53	6.32	34.30	80.37	87.92	54.00	33.92	Vertical	Average

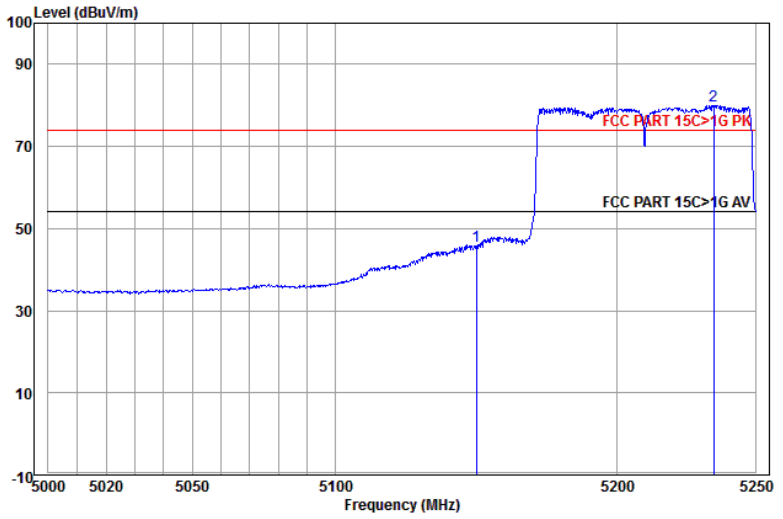
For 802.11ac(80M) Operation in the 5150MHz ~5250 MHz band

Worse case mode:	802.11ac(80M) (MCS0)		
Frequency: 5210MHz	Test channel: 42 channel	Polarization: Horizontal	Remark: Peak



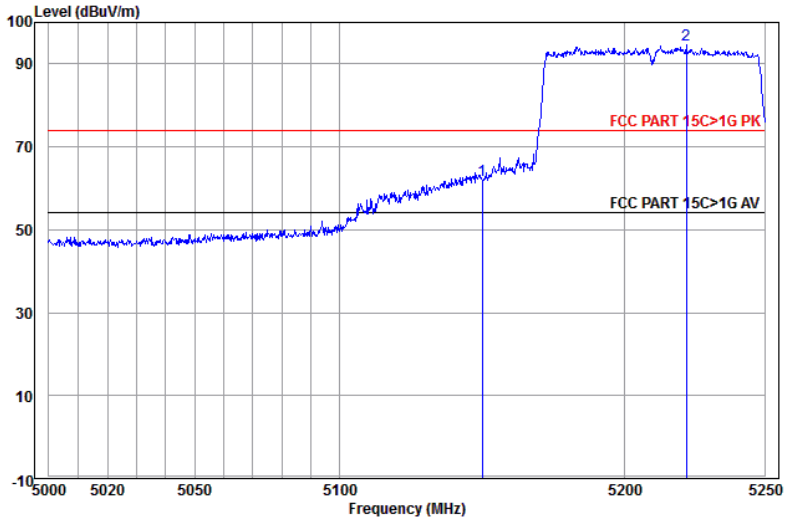
	Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5150.000	35.23	5.43	34.30	52.66	59.02	74.00	-14.98	Horizontal	
2 pp	5216.297	35.29	5.60	34.30	87.52	94.11	74.00	20.11	Horizontal	

Worse case mode:	802.11ac(80M) (MCS0)		
Frequency: 5210MHz	Test channel: 42 channel	Polarization: Horizontal	Remark: Average



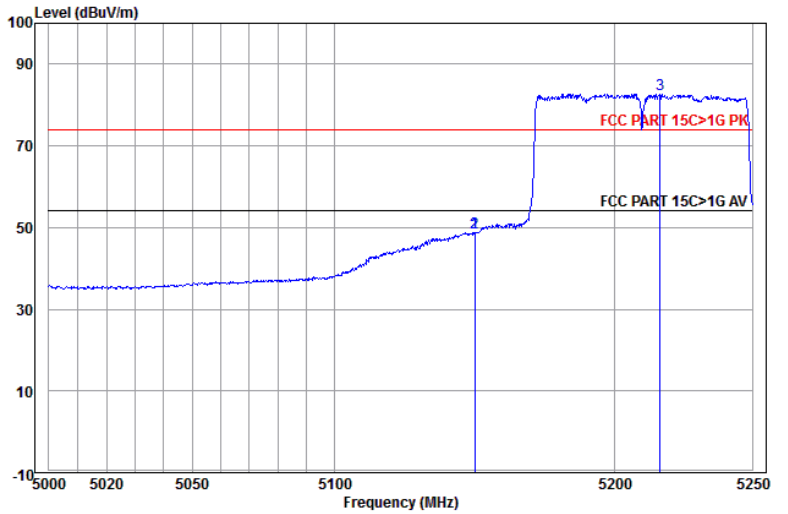
	Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5150.000	35.23	5.43	34.30	39.48	45.84	54.00	-8.16	Horizontal	Average
2 pp	5234.909	35.30	5.64	34.30	73.40	80.04	54.00	26.04	Horizontal	Average

Worse case mode:	802.11ac(80M) (MCS0)		
Frequency: 5210MHz	Test channel: 42 channel	Polarization: Vertical	Remark: Peak



	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		
1	5150.000	35.23	5.43	34.30	55.70	62.06	74.00	-11.94	Vertical	
2 pp	5222.154	35.29	5.61	34.30	88.03	94.63	74.00	20.63	Vertical	

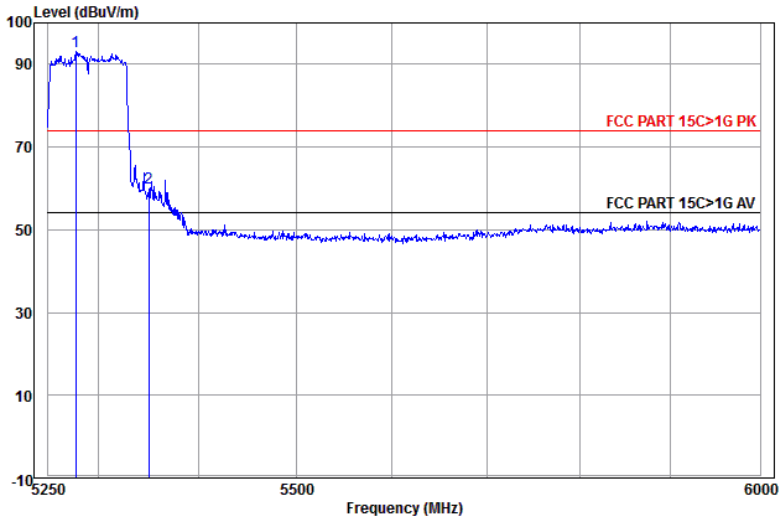
Worse case mode:	802.11ac(80M) (MCS0)		
Frequency: 5210MHz	Test channel: 42 channel	Polarization: Vertical	Remark: Average



	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		
2	5150.042	35.23	5.43	34.30	42.28	48.64	54.00	-5.36	Vertical	Average
3 pp	5216.552	35.29	5.60	34.30	76.12	82.71	54.00	28.71	Vertical	Average

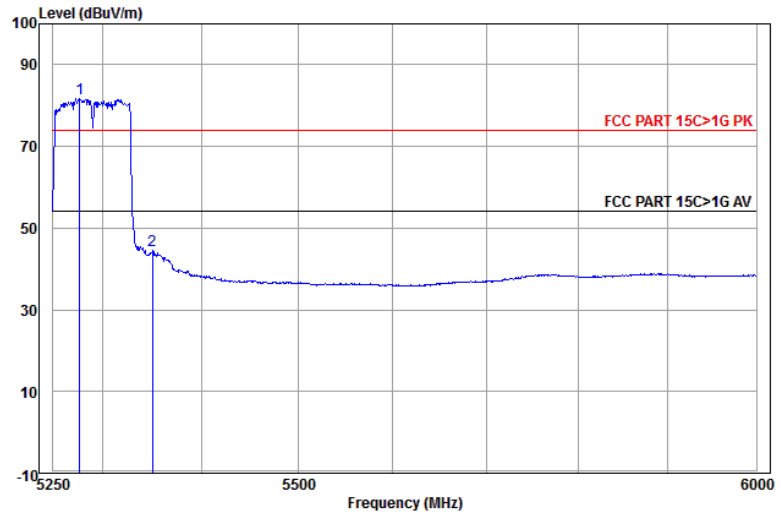
For 802.11ac(80M) Operation in the 5250MHz ~5350 MHz band

Worse case mode:	802.11ac(80M) (MCS0)		
Frequency: 5290MHz	Test channel: 58 channel	Polarization: Horizontal	Remark: Peak



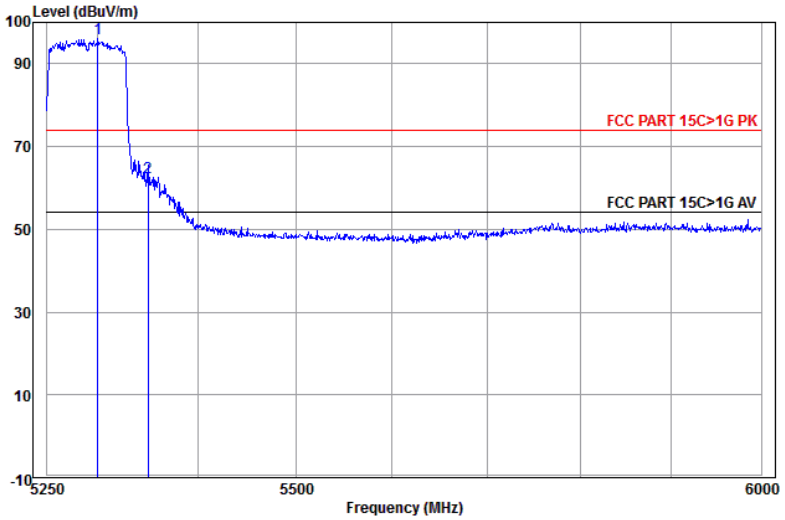
	Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1 pp	5277.412	35.34	5.75	34.30	86.25	93.04	74.00	19.04	Horizontal	
2	5350.000	35.40	5.93	34.30	52.97	60.00	74.00	-14.00	Horizontal	

Worse case mode:	802.11ac(80M) (MCS0)		
Frequency: 5290MHz	Test channel: 58 channel	Polarization: Horizontal	Remark: Average



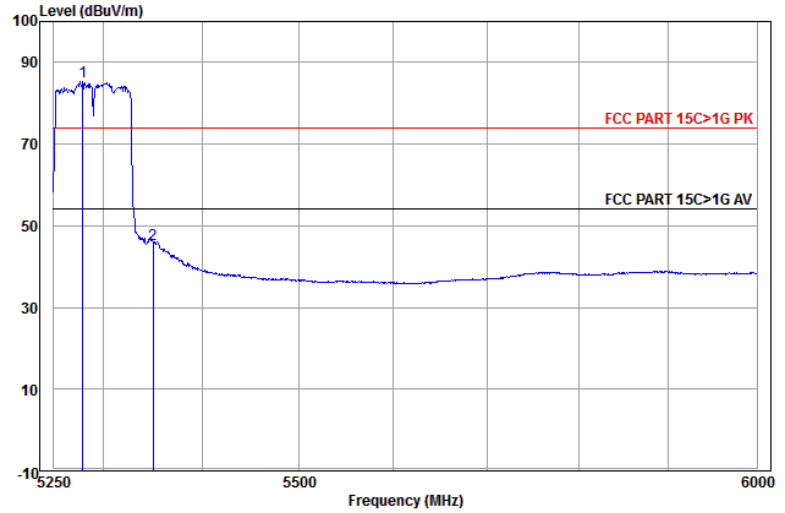
	Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1 pp	5276.707	35.34	5.75	34.30	74.91	81.70	54.00	27.70	Horizontal	Average
2	5350.000	35.40	5.93	34.30	37.45	44.48	54.00	-9.52	Horizontal	Average

Worse case mode:	802.11ac(80M) (MCS0)		
Frequency: 5290MHz	Test channel: 58 channel	Polarization: Vertical	Remark: Peak



	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		
1 pp	5300.011	35.36	5.80	34.30	89.29	96.15	74.00	22.15	Vertical	
2	5350.000	35.40	5.93	34.30	55.64	62.67	74.00	-11.33	Vertical	

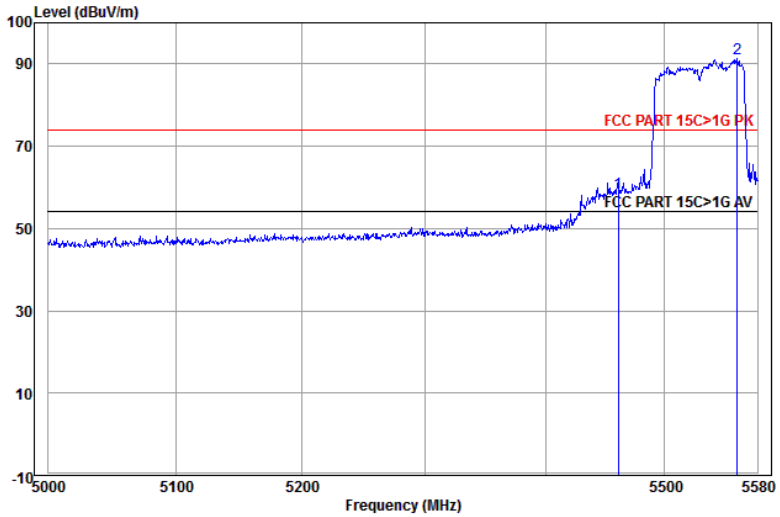
Worse case mode:	802.11ac(80M) (MCS0)		
Frequency: 5290MHz	Test channel: 58 channel	Polarization: Vertical	Remark: Average



	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		
1 pp	5278.821	35.34	5.75	34.30	78.55	85.34	54.00	31.34	Vertical	Average
2	5350.000	35.40	5.93	34.30	38.54	45.57	54.00	-8.43	Vertical	Average

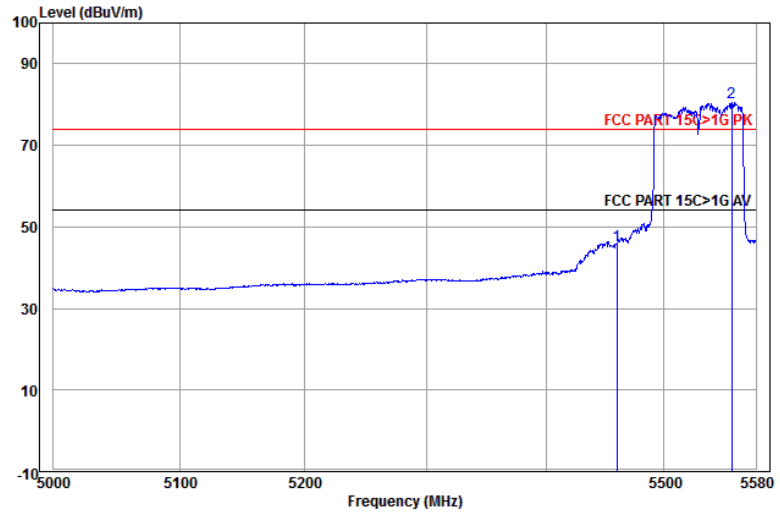
For 802.11ac(80M) Operation in the 5470MHz ~5725 MHz band

Worse case mode:	802.11ac(80M) (MCS0)		
Frequency: 5530MHz	Test channel: 106 channel	Polarization: Horizontal	Remark: Peak



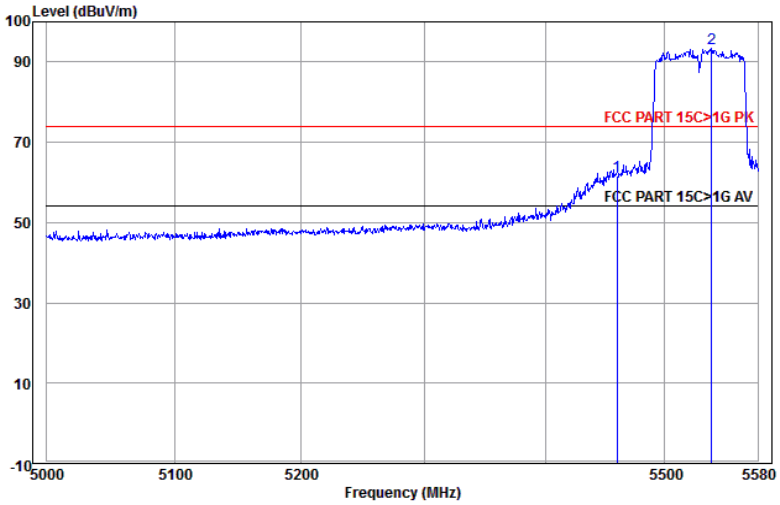
	Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5461.250	35.49	6.20	34.30	51.30	58.69	74.00	-15.31	Horizontal	
2 pp	5562.879	35.57	6.44	34.30	83.64	91.35	74.00	17.35	Horizontal	

Worse case mode:	802.11ac(80M) (MCS0)		
Frequency: 5530MHz	Test channel: 106 channel	Polarization: Horizontal	Remark: Average



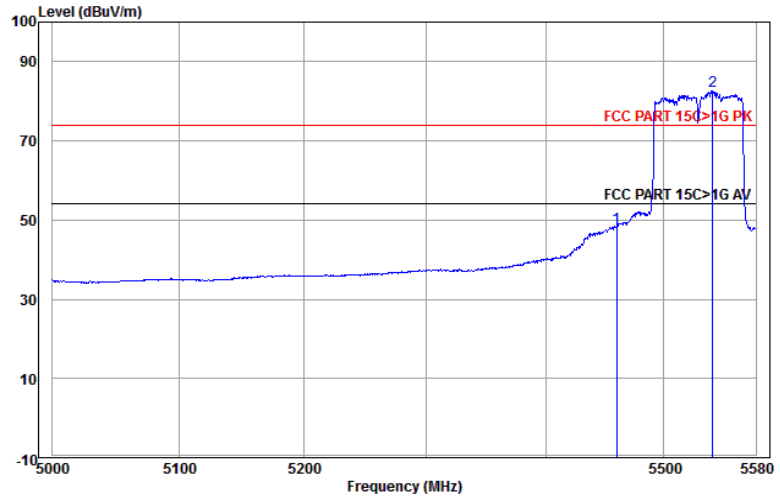
	Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5460.000	35.49	6.19	34.30	37.94	45.32	54.00	-8.68	Horizontal	Average
2 pp	5559.217	35.57	6.43	34.30	72.74	80.44	54.00	26.44	Horizontal	Average

Worse case mode:	802.11ac(80M) (MCS0)		
Frequency: 5530MHz	Test channel: 106 channel	Polarization: Vertical	Remark: Peak



	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		
1	5460.000	35.49	6.19	34.30	54.25	61.63	74.00	-12.37	Vertical	
2 pp	5540.335	35.55	6.39	34.30	85.82	93.46	74.00	19.46	Vertical	

Worse case mode:	802.11ac(80M) (MCS0)		
Frequency: 5530MHz	Test channel: 106 channel	Polarization: Vertical	Remark: Average



	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		
1	5460.000	35.49	6.19	34.30	40.73	48.11	54.00	-5.89	Vertical	Average
2 pp	5542.768	35.55	6.39	34.30	75.04	82.68	54.00	28.68	Vertical	Average

Note:
1) Through Pre-scan transmitting mode with all kind of modulation and data rate, find the MCS0 is the worst case of 802.11a; MCS0 is the worst case of 802.11n(20M)(40M); MCS0 is the worst case of 802.11ac(20M)(40M)(80M); and then Only the worst case is recorded in the report.
2) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:
Final Test Level =Receiver Reading - Correct Factor
Correct Factor = Preamplifier Factor– Antenna Factor–Cable Factor

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

Receiver Setup:

Frequency	Detector	RBW	VBW	Remark
0.009MHz-0.090MHz	Peak	10kHz	30kHz	Peak
0.009MHz-0.090MHz	Average	10kHz	30kHz	Average
0.090MHz-0.110MHz	Quasi-peak	10kHz	30kHz	Quasi-peak
0.110MHz-0.490MHz	Peak	10kHz	30kHz	Peak
0.110MHz-0.490MHz	Average	10kHz	30kHz	Average
0.490MHz -30MHz	Quasi-peak	10kHz	30kHz	Quasi-peak
30MHz-1GHz	Quasi-peak	120kHz	300kHz	Quasi-peak
Above 1GHz	Peak	1MHz	3MHz	Peak
	Peak	1MHz	10Hz	Average

Test Procedure:

Below 1GHz test procedure as below:

a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic camber. The table was rotated 360 degrees to determine the position of the highest radiation.
b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rota table was turned from 0 degrees to 360 degrees to find the maximum reading.
e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.

Above 1GHz test procedure as below:

g. Different between above is the test site, change from Semi- Anechoic Chamber to fully Anechoic Chamber and change form table 0.8 metre to 1.5 metre(Above 18GHz the distance is 1 meter and table is 1.5 metre)
h. Test the EUT in the lowest channel ,the middle channel ,the Highest channel
i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is worse case.
j. Repeat above procedures until all frequencies measured was complete.

Limit:

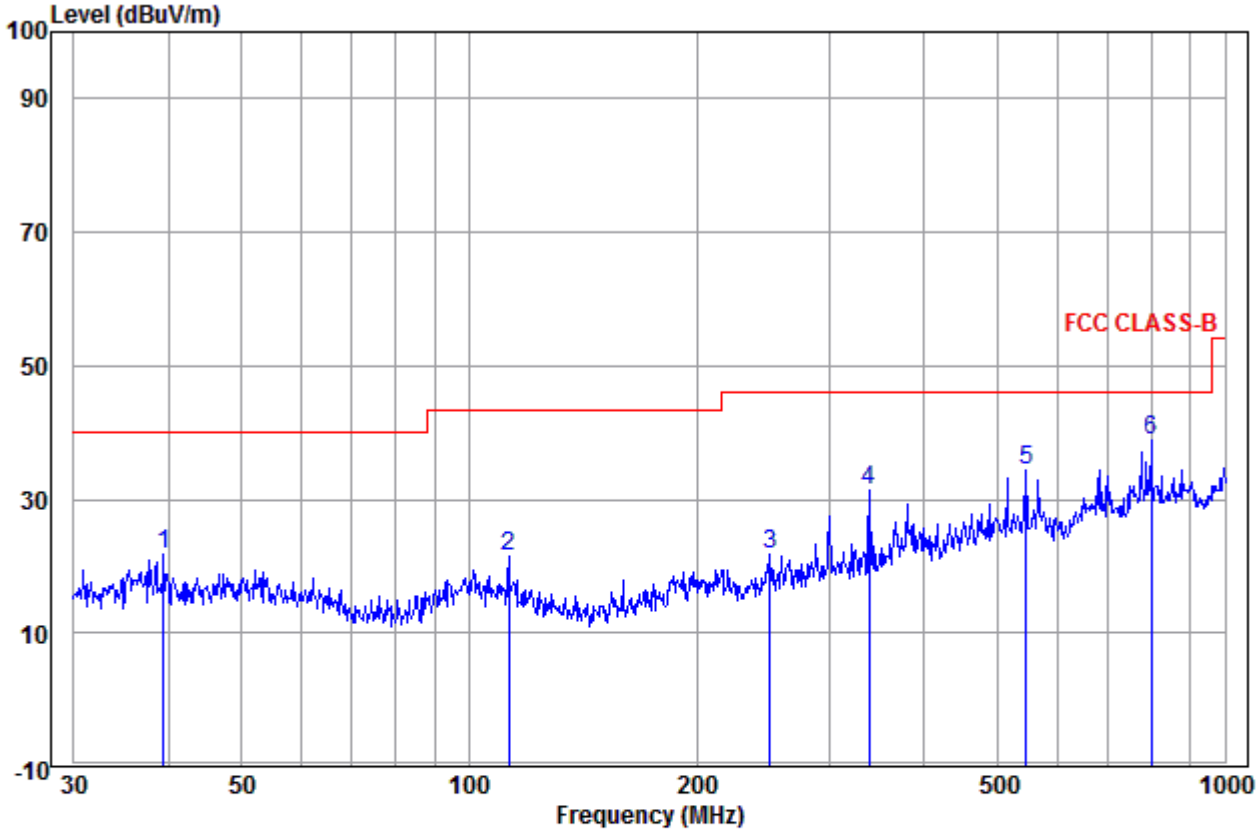
Frequency	Field strength (microvolt/meter)	Limit (dBμV/cm)	Remark	Measurement distance (cm)
0.009MHz-0.490MHz	2400/F(kHz)	-	-	300
0.490MHz-1.705MHz	24000/F(kHz)	-	-	30
1.705MHz-30MHz	30	-	-	30
30MHz-88MHz	100	40.0	Quasi-peak	3
88MHz-216MHz	150	43.5	Quasi-peak	3
216MHz-960MHz	200	46.0	Quasi-peak	3
960MHz-1GHz	500	54.0	Quasi-peak	3
Above 1GHz	500	54.0	Average	3

Note: 15.35(b), Unless otherwise specified, the limit on peak radio frequency emissions is 20dB above the maximum permitted average emission limit applicable to the equipment under test. This peak limit applies to the total peak emission level radiated by the device.

Test result: PASS

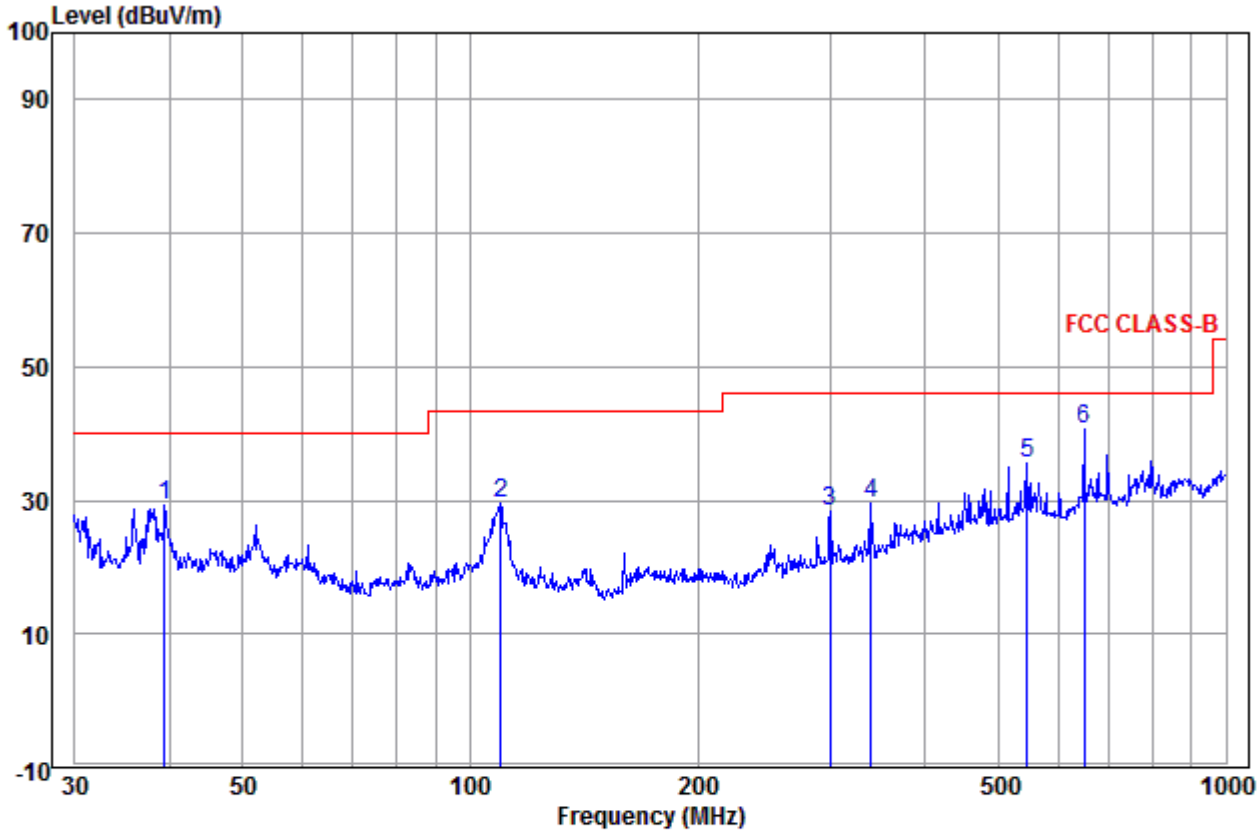
Radiated Spurious Emissions test Data:
Radiated Emission below 1GHz

30MHz~1GHz (QP)		
Test mode:	Transmitting	Horizontal



	Freq	Ant Factor	Cable Loss	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	39.437	14.12	0.56	6.97	21.65	40.00	-18.35	Horizontal	
2	112.920	12.15	1.57	7.62	21.34	43.50	-22.16	Horizontal	
3	250.301	12.41	2.35	7.03	21.79	46.00	-24.21	Horizontal	
4	338.400	14.52	2.64	14.34	31.50	46.00	-14.50	Horizontal	
5	545.183	18.58	3.20	12.48	34.26	46.00	-11.74	Horizontal	
6 pp	798.980	21.59	3.83	13.43	38.85	46.00	-7.15	Horizontal	

Test mode:	Transmitting	Vertical



	Freq	Ant Factor	Cable Loss	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	39.437	14.12	0.56	14.71	29.39	40.00	-10.61	Vertical	
2	109.796	12.39	1.57	15.72	29.68	43.50	-13.82	Vertical	
3	299.316	13.49	2.38	12.48	28.35	46.00	-17.65	Vertical	
4	339.589	14.55	2.65	12.40	29.60	46.00	-16.40	Vertical	
5	545.183	18.58	3.20	13.64	35.42	46.00	-10.58	Vertical	
6 pp	649.660	19.59	3.57	17.60	40.76	46.00	-5.24	Vertical	

Transmitter Emission 1GHz-18GHz

802.11a for 5150MHz ~5250 MHz, 5250MHz-5350MHz, 5470MHz-5725MHz, 5725MHz ~5850MHz

Test mode: 802.11a(MCS0)	Test Frequency: 5180MHz	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
1199.726	30.23	2.51	34.96	47.47	45.25	74.00	-28.75	Pass	Horizontal
1667.951	31.18	2.98	34.54	47.01	46.63	74.00	-27.37	Pass	Horizontal
2485.483	32.72	4.51	34.41	44.39	47.21	74.00	-26.79	Pass	Horizontal
3455.508	33.21	5.53	34.55	45.55	49.74	74.00	-24.26	Pass	Horizontal
10360.000	38.67	7.45	34.67	36.25	47.70	74.00	-26.30	Pass	Horizontal
15540.000	40.92	9.35	34.05	33.79	50.01	74.00	-23.99	Pass	Horizontal
1203.199	30.23	2.52	34.96	47.45	45.24	74.00	-28.76	Pass	Vertical
1667.951	31.18	2.98	34.54	47.50	47.12	74.00	-26.88	Pass	Vertical
2603.126	32.94	4.78	34.43	43.65	46.94	74.00	-27.06	Pass	Vertical
3186.869	33.43	5.58	34.52	44.50	48.99	74.00	-25.01	Pass	Vertical
10360.000	38.67	7.45	34.67	35.78	47.23	74.00	-26.77	Pass	Vertical
15540.000	40.92	9.35	34.05	33.16	49.38	74.00	-24.62	Pass	Vertical

Test mode: 802.11a(MCS0)	Test Frequency: 5220MHz	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
1206.682	30.24	2.52	34.96	46.98	44.78	74.00	-29.22	Pass	Horizontal
1663.137	31.17	2.97	34.54	48.35	47.95	74.00	-26.05	Pass	Horizontal
2595.613	32.92	4.77	34.43	44.40	47.66	74.00	-26.34	Pass	Horizontal
3223.928	33.40	5.57	34.53	44.63	49.07	74.00	-24.93	Pass	Horizontal
10440.000	38.75	7.46	34.59	36.96	48.58	74.00	-25.42	Pass	Horizontal
15660.000	40.97	9.35	34.17	32.95	49.10	74.00	-24.90	Pass	Horizontal
1203.199	30.23	2.52	34.96	47.81	45.60	74.00	-28.40	Pass	Vertical
1667.951	31.18	2.98	34.54	48.47	48.09	74.00	-25.91	Pass	Vertical
2595.613	32.92	4.77	34.43	45.12	48.38	74.00	-25.62	Pass	Vertical
3475.541	33.19	5.53	34.55	45.99	50.16	74.00	-23.84	Pass	Vertical
10440.000	38.75	7.46	34.59	38.05	49.67	74.00	-24.33	Pass	Vertical
15660.000	40.97	9.35	34.17	33.12	49.27	74.00	-24.73	Pass	Vertical

Test mode: 802.11a(MCS0)	Test Frequency: 5240MHz	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
1293.359	30.44	2.62	34.87	46.59	44.78	74.00	-29.22	Pass	Horizontal
1667.951	31.18	2.98	34.54	46.97	46.59	74.00	-27.41	Pass	Horizontal
2456.913	32.66	4.44	34.40	44.04	46.74	74.00	-27.26	Pass	Horizontal
3270.858	33.36	5.57	34.53	45.02	49.42	74.00	-24.58	Pass	Horizontal
10480.000	38.79	7.46	34.56	37.84	49.53	74.00	-24.47	Pass	Horizontal
15720.000	40.99	9.35	34.23	33.33	49.44	74.00	-24.56	Pass	Horizontal
1203.199	30.23	2.52	34.96	47.90	45.69	74.00	-28.31	Pass	Vertical
1667.951	31.18	2.98	34.54	48.12	47.74	74.00	-26.26	Pass	Vertical
1995.309	31.69	3.23	34.30	47.34	47.96	74.00	-26.04	Pass	Vertical
3087.140	33.52	5.60	34.51	45.21	49.82	74.00	-24.18	Pass	Vertical
10480.000	38.79	7.46	34.56	36.58	48.27	74.00	-25.73	Pass	Vertical
15720.000	40.99	9.35	34.23	33.61	49.72	74.00	-24.28	Pass	Vertical

Test mode: 802.11a(MCS0)	Test Frequency: 5260MHz	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
1078.046	29.92	2.37	35.10	47.29	44.48	74.00	-29.52	Pass	Horizontal
1667.951	31.18	2.98	34.54	45.68	45.30	74.00	-28.70	Pass	Horizontal
2492.677	32.73	4.53	34.41	44.48	47.33	74.00	-26.67	Pass	Horizontal
3505.809	33.17	5.52	34.55	45.06	49.20	74.00	-24.80	Pass	Horizontal
10520.000	38.83	7.47	34.52	36.80	48.58	74.00	-25.42	Pass	Horizontal
15780.000	41.01	9.35	34.29	31.13	47.20	74.00	-26.80	Pass	Horizontal
1378.273	30.63	2.71	34.78	46.05	44.61	74.00	-29.39	Pass	Vertical
1667.951	31.18	2.98	34.54	47.85	47.47	74.00	-26.53	Pass	Vertical
2499.893	32.75	4.55	34.41	43.92	46.81	74.00	-27.19	Pass	Vertical
2990.531	33.59	5.60	34.50	44.31	49.00	74.00	-25.00	Pass	Vertical
10520.000	38.83	7.47	34.52	36.86	48.64	74.00	-25.36	Pass	Vertical
15780.000	41.01	9.35	34.29	34.88	50.95	74.00	-23.05	Pass	Vertical

Test mode: 802.11a(MCS0)	Test Frequency: 5300MHz	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
1366.374	30.60	2.70	34.79	48.40	46.91	74.00	-27.09	Pass	Horizontal
2492.677	32.73	4.53	34.41	44.48	47.33	74.00	-26.67	Pass	Horizontal
2990.531	33.59	5.60	34.50	45.15	49.84	74.00	-24.16	Pass	Horizontal
8613.468	36.94	7.92	35.09	39.59	49.36	74.00	-24.64	Pass	Horizontal
10600.000	38.91	7.48	34.45	37.20	49.14	74.00	-24.86	Pass	Horizontal
15900.000	41.06	9.34	34.40	33.65	49.65	74.00	-24.35	Pass	Horizontal
1199.726	30.23	2.51	34.96	47.19	44.97	74.00	-29.03	Pass	Vertical
2536.283	32.81	4.63	34.42	43.11	46.13	74.00	-27.87	Pass	Vertical
3186.869	33.43	5.58	34.52	44.70	49.19	74.00	-24.81	Pass	Vertical
8713.630	37.01	8.01	35.12	38.73	48.63	74.00	-25.37	Pass	Vertical
10600.000	38.91	7.48	34.45	36.18	48.12	74.00	-25.88	Pass	Vertical
15900.000	41.06	9.34	34.40	33.53	49.53	74.00	-24.47	Pass	Vertical

Test mode: 802.11a(MCS0)	Test Frequency: 5320MHz	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
1358.498	30.58	2.69	34.80	45.57	44.04	74.00	-29.96	Pass	Horizontal
1667.951	31.18	2.98	34.54	46.17	45.79	74.00	-28.21	Pass	Horizontal
2536.283	32.81	4.63	34.42	44.10	47.12	74.00	-26.88	Pass	Horizontal
3034.063	33.57	5.61	34.50	43.88	48.56	74.00	-25.44	Pass	Horizontal
10640.000	38.95	7.48	34.41	36.71	48.73	74.00	-25.27	Pass	Horizontal
15860.000	41.05	9.34	34.36	33.02	49.05	74.00	-24.95	Pass	Horizontal
1435.189	30.74	2.77	34.73	45.72	44.50	74.00	-29.50	Pass	Vertical
1667.951	31.18	2.98	34.54	47.91	47.53	74.00	-26.47	Pass	Vertical
2603.126	32.94	4.78	34.43	44.25	47.54	74.00	-26.46	Pass	Vertical
3223.928	33.40	5.57	34.53	44.03	48.47	74.00	-25.53	Pass	Vertical
10640.000	38.95	7.48	34.41	35.87	47.89	74.00	-26.11	Pass	Vertical
15860.000	41.05	9.34	34.36	34.53	50.56	74.00	-23.44	Pass	Vertical

Test mode: 802.11a(MCS0)	Test Frequency: 5500MHz	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
1278.492	30.41	2.60	34.88	47.26	45.39	74.00	-28.61	Pass	Horizontal
1667.951	31.18	2.98	34.54	46.72	46.34	74.00	-27.66	Pass	Horizontal
2603.126	32.94	4.78	34.43	45.21	48.50	74.00	-25.50	Pass	Horizontal
3252.005	33.38	5.57	34.53	44.37	48.79	74.00	-25.21	Pass	Horizontal
11000.000	39.30	7.52	34.10	34.82	47.54	74.00	-26.46	Pass	Horizontal
16500.000	41.20	9.57	33.69	32.75	49.83	74.00	-24.17	Pass	Horizontal
1203.199	30.23	2.52	34.96	48.38	46.17	74.00	-27.83	Pass	Vertical
1667.951	31.18	2.98	34.54	46.71	46.33	74.00	-27.67	Pass	Vertical
2595.613	32.92	4.77	34.43	45.14	48.40	74.00	-25.60	Pass	Vertical
2990.531	33.59	5.60	34.50	45.88	50.57	74.00	-23.43	Pass	Vertical
11000.000	39.30	7.52	34.10	36.10	48.82	74.00	-25.18	Pass	Vertical
16500.000	41.20	9.57	33.69	33.25	50.33	74.00	-23.67	Pass	Vertical

Test mode: 802.11a(MCS0)	Test Frequency: 5580MHz	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
1293.359	30.44	2.62	34.87	46.83	45.02	74.00	-28.98	Pass	Horizontal
1663.137	31.17	2.97	34.54	46.52	46.12	74.00	-27.88	Pass	Horizontal
2292.257	32.34	4.03	34.37	44.19	46.19	74.00	-27.81	Pass	Horizontal
3016.575	33.58	5.62	34.50	43.76	48.46	74.00	-25.54	Pass	Horizontal
11200.000	39.36	7.73	34.16	36.89	49.82	74.00	-24.18	Pass	Horizontal
16800.000	41.26	9.71	33.21	33.05	50.81	74.00	-23.19	Pass	Horizontal
1203.199	30.23	2.52	34.96	47.36	45.15	74.00	-28.85	Pass	Vertical
1667.951	31.18	2.98	34.54	46.99	46.61	74.00	-27.39	Pass	Vertical
2702.799	33.11	5.01	34.45	44.27	47.94	74.00	-26.06	Pass	Vertical
3223.928	33.40	5.57	34.53	44.10	48.54	74.00	-25.46	Pass	Vertical
11200.000	39.36	7.73	34.16	37.47	50.40	74.00	-23.60	Pass	Vertical
16800.000	41.26	9.71	33.21	32.28	50.04	74.00	-23.96	Pass	Vertical

Test mode: 802.11a(MCS0)	Test Frequency: 5700MHz	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
1439.343	30.75	2.77	34.73	46.74	45.53	74.00	-28.47	Pass	Horizontal
1995.309	31.69	3.23	34.30	44.97	45.59	74.00	-28.41	Pass	Horizontal
2492.677	32.73	4.53	34.41	44.83	47.68	74.00	-26.32	Pass	Horizontal
2990.531	33.59	5.60	34.50	43.81	48.50	74.00	-25.50	Pass	Horizontal
11400.000	39.42	7.93	34.22	35.75	48.88	74.00	-25.12	Pass	Horizontal
17100.000	41.36	9.88	32.92	30.46	48.78	74.00	-25.22	Pass	Horizontal
1199.726	30.23	2.51	34.96	47.30	45.08	74.00	-28.92	Pass	Vertical
1658.337	31.16	2.97	34.54	45.14	44.73	74.00	-29.27	Pass	Vertical
2758.041	33.21	5.12	34.46	44.17	48.04	74.00	-25.96	Pass	Vertical
3233.260	33.39	5.57	34.53	44.39	48.82	74.00	-25.18	Pass	Vertical
11400.000	39.42	7.93	34.22	37.37	50.50	74.00	-23.50	Pass	Vertical
17100.000	41.36	9.88	32.92	32.29	50.61	74.00	-23.39	Pass	Vertical

Test mode: 802.11a(MCS0)	Test Frequency: 5745MHz	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
1274.802	30.40	2.60	34.88	45.92	44.04	74.00	-29.96	Pass	Horizontal
1932.868	31.60	3.18	34.34	44.03	44.47	74.00	-29.53	Pass	Horizontal
2543.625	32.83	4.65	34.42	44.39	47.45	74.00	-26.55	Pass	Horizontal
3087.140	33.52	5.60	34.51	43.92	48.53	74.00	-25.47	Pass	Horizontal
11490.000	39.45	8.02	34.25	35.95	49.17	74.00	-24.83	Pass	Horizontal
17235.000	41.44	9.98	32.95	30.76	49.23	74.00	-24.77	Pass	Horizontal
1199.726	30.23	2.51	34.96	47.56	45.34	74.00	-28.66	Pass	Vertical
1667.951	31.18	2.98	34.54	47.19	46.81	74.00	-27.19	Pass	Vertical
3214.623	33.41	5.58	34.52	44.65	49.12	74.00	-24.88	Pass	Vertical
8866.062	37.11	8.14	35.16	40.77	50.86	74.00	-23.14	Pass	Vertical
11490.000	39.45	8.02	34.25	35.94	49.16	74.00	-24.84	Pass	Vertical
17235.000	41.44	9.98	32.95	32.40	50.87	74.00	-23.13	Pass	Vertical

Test mode: 802.11a(MCS0)	Test Frequency: 5785MHz	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
1293.359	30.44	2.62	34.87	46.39	44.58	74.00	-29.42	Pass	Horizontal
1597.181	31.05	2.92	34.59	46.11	45.49	74.00	-28.51	Pass	Horizontal
2163.504	32.07	3.69	34.34	44.69	46.11	74.00	-27.89	Pass	Horizontal
3270.858	33.36	5.57	34.53	44.67	49.07	74.00	-24.93	Pass	Horizontal
11570.000	39.47	8.10	34.27	37.17	50.47	74.00	-23.53	Pass	Horizontal
17355.000	41.52	10.07	32.97	31.37	49.99	74.00	-24.01	Pass	Horizontal
1203.199	30.23	2.52	34.96	46.82	44.61	74.00	-29.39	Pass	Vertical
1667.951	31.18	2.98	34.54	47.46	47.08	74.00	-26.92	Pass	Vertical
2595.613	32.92	4.77	34.43	45.42	48.68	74.00	-25.32	Pass	Vertical
2990.531	33.59	5.60	34.50	46.07	50.76	74.00	-23.24	Pass	Vertical
11570.000	39.47	8.10	34.27	37.49	50.79	74.00	-23.21	Pass	Vertical
17355.000	41.52	10.07	32.97	31.82	50.44	74.00	-23.56	Pass	Vertical

Test mode: 802.11a(MCS0)	Test Frequency: 5825MHz	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
1256.512	30.36	2.58	34.90	46.46	44.50	74.00	-29.50	Pass	Horizontal
2400.753	32.56	4.31	34.39	44.05	46.53	74.00	-27.47	Pass	Horizontal
3261.418	33.37	5.57	34.53	44.59	49.00	74.00	-25.00	Pass	Horizontal
7966.832	36.50	7.33	34.90	41.07	50.00	74.00	-24.00	Pass	Horizontal
11650.000	39.50	8.18	34.30	36.63	50.01	74.00	-23.99	Pass	Horizontal
17475.000	41.59	10.16	33.00	31.67	50.42	74.00	-23.58	Pass	Horizontal
1203.199	30.23	2.52	34.96	48.04	45.83	74.00	-28.17	Pass	Vertical
1667.951	31.18	2.98	34.54	47.91	47.53	74.00	-26.47	Pass	Vertical
2492.677	32.73	4.53	34.41	43.60	46.45	74.00	-27.55	Pass	Vertical
3141.145	33.47	5.59	34.52	44.23	48.77	74.00	-25.23	Pass	Vertical
11650.000	39.50	8.18	34.30	36.42	49.80	74.00	-24.20	Pass	Vertical
17475.000	41.59	10.16	33.00	32.18	50.93	74.00	-23.07	Pass	Vertical

802.11n(20M) for 5150MHz ~5250 MHz, 5250MHz-5350MHz, 5470MHz-5725MHz, 5725MHz ~5850MHz

Test mode: 802.11n(20M)(MCS0)	Test Frequency: 5180MHz	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
1274.802	30.40	2.60	34.88	45.39	43.51	74.00	-30.49	Pass	Horizontal
1921.727	31.58	3.17	34.35	44.16	44.56	74.00	-29.44	Pass	Horizontal
2449.822	32.65	4.43	34.40	43.76	46.44	74.00	-27.56	Pass	Horizontal
3693.033	33.02	5.49	34.57	44.17	48.11	74.00	-25.89	Pass	Horizontal
10360.000	38.67	7.45	34.67	37.65	49.10	74.00	-24.90	Pass	Horizontal
15540.000	40.92	9.35	34.05	32.95	49.17	74.00	-24.83	Pass	Horizontal
1199.726	30.23	2.51	34.96	46.44	44.22	74.00	-29.78	Pass	Vertical
2001.084	31.70	3.23	34.30	45.70	46.33	74.00	-27.67	Pass	Vertical
2766.024	33.22	5.14	34.46	43.95	47.85	74.00	-26.15	Pass	Vertical
3205.345	33.42	5.58	34.52	44.87	49.35	74.00	-24.65	Pass	Vertical
10360.000	38.67	7.45	34.67	39.26	50.71	74.00	-23.29	Pass	Vertical
15540.000	40.92	9.35	34.05	34.35	50.57	74.00	-23.43	Pass	Vertical

Test mode: 802.11n(20M)(MCS0)	Test Frequency: 5220MHz	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
1278.492	30.41	2.60	34.88	45.92	44.05	74.00	-29.95	Pass	Horizontal
1721.834	31.27	3.02	34.49	45.08	44.88	74.00	-29.12	Pass	Horizontal
2095.800	31.92	3.51	34.32	44.26	45.37	74.00	-28.63	Pass	Horizontal
3608.619	33.09	5.50	34.56	43.49	47.52	74.00	-26.48	Pass	Horizontal
10440.000	38.75	7.46	34.59	37.06	48.68	74.00	-25.32	Pass	Horizontal
15660.000	40.97	9.35	34.17	34.73	50.88	74.00	-23.12	Pass	Horizontal
1220.714	30.28	2.54	34.94	45.78	43.66	74.00	-30.34	Pass	Vertical
1663.137	31.17	2.97	34.54	45.69	45.29	74.00	-28.71	Pass	Vertical
2132.462	32.00	3.61	34.33	44.73	46.01	74.00	-27.99	Pass	Vertical
3051.653	33.55	5.61	34.51	44.57	49.22	74.00	-24.78	Pass	Vertical
10440.000	38.75	7.46	34.59	37.52	49.14	74.00	-24.86	Pass	Vertical
15660.000	40.97	9.35	34.17	34.81	50.96	74.00	-23.04	Pass	Vertical

Test mode: 802.11n(20M)(MCS0)	Test Frequency: 5240MHz	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
1451.878	30.78	2.78	34.72	46.81	45.65	74.00	-28.35	Pass	Horizontal
2120.171	31.97	3.57	34.33	45.30	46.51	74.00	-27.49	Pass	Horizontal
2492.677	32.73	4.53	34.41	44.64	47.49	74.00	-26.51	Pass	Horizontal
3034.063	33.57	5.61	34.50	44.22	48.90	74.00	-25.10	Pass	Horizontal
10480.000	38.79	7.46	34.56	36.42	48.11	74.00	-25.89	Pass	Horizontal
15720.000	40.99	9.35	34.23	33.99	50.10	74.00	-23.90	Pass	Horizontal
1289.627	30.43	2.62	34.87	45.99	44.17	74.00	-29.83	Pass	Vertical
1829.582	31.44	3.11	34.42	45.37	45.50	74.00	-28.50	Pass	Vertical
2603.126	32.94	4.78	34.43	44.62	47.91	74.00	-26.09	Pass	Vertical
3693.033	33.02	5.49	34.57	44.63	48.57	74.00	-25.43	Pass	Vertical
10480.000	38.79	7.46	34.56	37.35	49.04	74.00	-24.96	Pass	Vertical
15720.000	40.99	9.35	34.23	33.49	49.60	74.00	-24.40	Pass	Vertical

Test mode: 802.11n(20M)(MCS0)	Test Frequency: 5260MHz	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
1451.878	30.78	2.78	34.72	47.92	46.76	74.00	-27.24	Pass	Horizontal
1972.373	31.66	3.21	34.32	44.65	45.20	74.00	-28.80	Pass	Horizontal
2702.799	33.11	5.01	34.45	43.78	47.45	74.00	-26.55	Pass	Horizontal
3205.345	33.42	5.58	34.52	45.17	49.65	74.00	-24.35	Pass	Horizontal
10520.000	38.83	7.47	34.52	39.00	50.78	74.00	-23.22	Pass	Horizontal
15780.000	41.01	9.35	34.29	33.74	49.81	74.00	-24.19	Pass	Horizontal
1199.726	30.23	2.51	34.96	45.96	43.74	74.00	-30.26	Pass	Vertical
1989.550	31.68	3.22	34.31	45.72	46.31	74.00	-27.69	Pass	Vertical
2550.987	32.84	4.66	34.42	44.14	47.22	74.00	-26.78	Pass	Vertical
2930.633	33.49	5.48	34.49	45.25	49.73	74.00	-24.27	Pass	Vertical
10520.000	38.83	7.47	34.52	38.60	50.38	74.00	-23.62	Pass	Vertical
15780.000	41.01	9.35	34.29	32.04	48.11	74.00	-25.89	Pass	Vertical

Test mode: 802.11n(20M)(MCS0)	Test Frequency: 5300MHz	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
1451.878	30.78	2.78	34.72	46.99	45.83	74.00	-28.17	Pass	Horizontal
2126.308	31.99	3.59	34.33	45.42	46.67	74.00	-27.33	Pass	Horizontal
2485.483	32.72	4.51	34.41	44.65	47.47	74.00	-26.53	Pass	Horizontal
3078.229	33.53	5.60	34.51	44.28	48.90	74.00	-25.10	Pass	Horizontal
10600.000	38.85	7.47	34.50	37.10	48.92	74.00	-25.08	Pass	Horizontal
15900.000	41.03	9.35	34.31	34.14	50.21	74.00	-23.79	Pass	Horizontal
1451.878	30.78	2.78	34.72	49.17	48.01	74.00	-25.99	Pass	Vertical
1989.550	31.68	3.22	34.31	45.32	45.91	74.00	-28.09	Pass	Vertical
2543.625	32.83	4.65	34.42	44.12	47.18	74.00	-26.82	Pass	Vertical
3042.846	33.56	5.61	34.50	45.12	49.79	74.00	-24.21	Pass	Vertical
10600.000	38.85	7.47	34.50	37.37	49.19	74.00	-24.81	Pass	Vertical
15900.000	41.03	9.35	34.31	32.85	48.92	74.00	-25.08	Pass	Vertical

Test mode: 802.11n(20M)(MCS0)	Test Frequency: 5320MHz	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
1451.878	30.78	2.78	34.72	47.97	46.81	74.00	-27.19	Pass	Horizontal
2414.672	32.58	4.34	34.39	44.32	46.85	74.00	-27.15	Pass	Horizontal
2990.531	33.59	5.60	34.50	44.29	48.98	74.00	-25.02	Pass	Horizontal
8036.214	36.53	7.39	34.91	40.66	49.67	74.00	-24.33	Pass	Horizontal
10640.000	38.95	7.48	34.41	36.62	48.64	74.00	-25.36	Pass	Horizontal
15860.000	41.05	9.34	34.36	32.62	48.65	74.00	-25.35	Pass	Horizontal
1274.802	30.40	2.60	34.88	46.40	44.52	74.00	-29.48	Pass	Vertical
1927.289	31.59	3.18	34.35	44.86	45.28	74.00	-28.72	Pass	Vertical
2750.080	33.19	5.11	34.46	43.51	47.35	74.00	-26.65	Pass	Vertical
3214.623	33.41	5.58	34.52	45.08	49.55	74.00	-24.45	Pass	Vertical
10640.000	38.95	7.48	34.41	37.85	49.87	74.00	-24.13	Pass	Vertical
15860.000	41.05	9.34	34.36	33.91	49.94	74.00	-24.06	Pass	Vertical

Test mode: 802.11n(20M)(MCS0)	Test Frequency: 5500MHz	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
1451.878	30.78	2.78	34.72	47.50	46.34	74.00	-27.66	Pass	Horizontal
1995.309	31.69	3.23	34.30	45.21	45.83	74.00	-28.17	Pass	Horizontal
2905.331	33.45	5.43	34.48	44.06	48.46	74.00	-25.54	Pass	Horizontal
8713.630	37.01	8.01	35.12	40.22	50.12	74.00	-23.88	Pass	Horizontal
11000.000	39.30	7.52	34.10	36.19	48.91	74.00	-25.09	Pass	Horizontal
16500.000	41.20	9.57	33.69	32.45	49.53	74.00	-24.47	Pass	Horizontal
1451.878	30.78	2.78	34.72	47.31	46.15	74.00	-27.85	Pass	Vertical
2144.825	32.03	3.64	34.33	45.27	46.61	74.00	-27.39	Pass	Vertical
2855.380	33.37	5.33	34.48	45.04	49.26	74.00	-24.74	Pass	Vertical
3168.500	33.45	5.59	34.52	44.72	49.24	74.00	-24.76	Pass	Vertical
11000.000	39.30	7.52	34.10	37.43	50.15	74.00	-23.85	Pass	Vertical
16500.000	41.20	9.57	33.69	33.24	50.32	74.00	-23.68	Pass	Vertical

Test mode: 802.11n(20M)(MCS0)	Test Frequency: 5580MHz	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
1062.578	29.88	2.34	35.12	49.99	47.09	74.00	-26.91	Pass	Horizontal
1451.878	30.78	2.78	34.72	47.35	46.19	74.00	-27.81	Pass	Horizontal
2220.523	32.19	3.85	34.35	44.39	46.08	74.00	-27.92	Pass	Horizontal
3270.858	33.36	5.57	34.53	44.78	49.18	74.00	-24.82	Pass	Horizontal
11200.000	39.30	7.52	34.10	35.63	48.35	74.00	-25.65	Pass	Horizontal
16800.000	41.20	9.57	33.69	33.42	50.50	74.00	-23.50	Pass	Horizontal
1059.511	29.87	2.34	35.12	50.52	47.61	74.00	-26.39	Pass	Vertical
1451.878	30.78	2.78	34.72	48.75	47.59	74.00	-26.41	Pass	Vertical
2435.701	32.62	4.39	34.40	44.43	47.04	74.00	-26.96	Pass	Vertical
3242.619	33.38	5.57	34.53	44.42	48.84	74.00	-25.16	Pass	Vertical
11200.000	39.30	7.52	34.10	37.23	49.95	74.00	-24.05	Pass	Vertical
16800.000	41.20	9.57	33.69	33.35	50.43	74.00	-23.57	Pass	Vertical

Test mode: 802.11n(20M)(MCS0)	Test Frequency: 5700MHz	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
1451.878	30.78	2.78	34.72	46.76	45.60	74.00	-28.40	Pass	Horizontal
2083.719	31.89	3.47	34.32	44.99	46.03	74.00	-27.97	Pass	Horizontal
2633.397	32.99	4.85	34.44	44.13	47.53	74.00	-26.47	Pass	Horizontal
3186.869	33.43	5.58	34.52	44.33	48.82	74.00	-25.18	Pass	Horizontal
11400.000	39.42	7.93	34.22	37.20	50.33	74.00	-23.67	Pass	Horizontal
17100.000	41.36	9.88	32.92	31.86	50.18	74.00	-23.82	Pass	Horizontal
1451.878	30.78	2.78	34.72	47.73	46.57	74.00	-27.43	Pass	Vertical
1840.189	31.46	3.11	34.41	45.68	45.84	74.00	-28.16	Pass	Vertical
2393.824	32.54	4.29	34.39	44.72	47.16	74.00	-26.84	Pass	Vertical
3114.025	33.50	5.60	34.51	44.58	49.17	74.00	-24.83	Pass	Vertical
11400.000	39.42	7.93	34.22	37.43	50.56	74.00	-23.44	Pass	Vertical
17100.000	41.36	9.88	32.92	31.80	50.12	74.00	-23.88	Pass	Vertical

Test mode: 802.11n(20M)(MCS0)	Test Frequency: 5745MHz	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
1362.430	30.59	2.69	34.80	45.44	43.92	74.00	-30.08	Pass	Horizontal
2001.084	31.70	3.23	34.30	44.87	45.50	74.00	-28.50	Pass	Horizontal
2687.220	33.08	4.97	34.45	44.28	47.88	74.00	-26.12	Pass	Horizontal
4316.859	33.59	5.30	34.50	43.21	47.60	74.00	-26.40	Pass	Horizontal
11490.000	39.45	8.02	34.25	36.98	50.20	74.00	-23.80	Pass	Horizontal
17235.000	41.44	9.98	32.95	30.56	49.03	74.00	-24.97	Pass	Horizontal
1845.516	31.47	3.12	34.40	45.21	45.40	74.00	-28.60	Pass	Vertical
2305.546	32.37	4.07	34.37	44.14	46.21	74.00	-27.79	Pass	Vertical
3261.418	33.37	5.57	34.53	44.72	49.13	74.00	-24.87	Pass	Vertical
4304.400	33.56	5.31	34.50	42.45	46.82	74.00	-27.18	Pass	Vertical
11490.000	39.45	8.02	34.25	36.69	49.91	74.00	-24.09	Pass	Vertical
17235.000	41.44	9.98	32.95	30.98	49.45	74.00	-24.55	Pass	Vertical

Test mode: 802.11n(20M)(MCS0)	Test Frequency: 5785MHz	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
1203.199	30.23	2.52	34.96	46.55	44.34	74.00	-29.66	Pass	Horizontal
1921.727	31.58	3.17	34.35	44.92	45.32	74.00	-28.68	Pass	Horizontal
2565.777	32.87	4.70	34.42	44.96	48.11	74.00	-25.89	Pass	Horizontal
3252.005	33.38	5.57	34.53	44.89	49.31	74.00	-24.69	Pass	Horizontal
11570.000	39.47	8.10	34.27	35.15	48.45	74.00	-25.55	Pass	Horizontal
17355.000	41.52	10.07	32.97	30.68	49.30	74.00	-24.70	Pass	Horizontal
1597.181	31.05	2.92	34.59	47.27	46.65	74.00	-27.35	Pass	Vertical
2312.219	32.38	4.09	34.37	44.15	46.25	74.00	-27.75	Pass	Vertical
3016.575	33.58	5.62	34.50	45.16	49.86	74.00	-24.14	Pass	Vertical
8563.818	36.90	7.87	35.07	41.26	50.96	74.00	-23.04	Pass	Vertical
11650.000	39.50	8.18	34.30	35.14	48.52	74.00	-25.48	Pass	Vertical
17475.000	41.59	10.16	33.00	30.89	49.64	74.00	-24.36	Pass	Vertical

Test mode: 802.11n(20M)(MCS0)	Test Frequency: 5825MHz	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
1451.878	30.78	2.78	34.72	46.82	45.66	74.00	-28.34	Pass	Horizontal
2001.084	31.70	3.23	34.30	45.24	45.87	74.00	-28.13	Pass	Horizontal
2798.189	33.27	5.21	34.47	43.71	47.72	74.00	-26.28	Pass	Horizontal
3214.623	33.41	5.58	34.52	44.94	49.41	74.00	-24.59	Pass	Horizontal
11650.000	39.50	8.18	34.30	37.49	50.87	74.00	-23.13	Pass	Horizontal
17475.000	41.59	10.16	33.00	31.78	50.53	74.00	-23.47	Pass	Horizontal
1451.878	30.78	2.78	34.72	47.44	46.28	74.00	-27.72	Pass	Vertical
2083.719	31.89	3.47	34.32	45.49	46.53	74.00	-27.47	Pass	Vertical
3150.237	33.46	5.59	34.52	44.55	49.08	74.00	-24.92	Pass	Vertical
3735.978	32.99	5.48	34.58	44.57	48.46	74.00	-25.54	Pass	Vertical
11650.000	39.50	8.18	34.30	36.32	49.70	74.00	-24.30	Pass	Vertical
17475.000	41.59	10.16	33.00	30.65	49.40	74.00	-24.60	Pass	Vertical

802.11n(40M) for 5150MHz ~5250 MHz, 5250MHz-5350MHz, 5470MHz-5725MHz, 5725MHz ~5850MHz

Test mode: 802.11n(40M)(MCS0)	Test Frequency: 5190MHz	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
1435.189	30.74	2.77	34.73	45.42	44.20	74.00	-29.80	Pass	Horizontal
1883.236	31.53	3.15	34.38	44.28	44.58	74.00	-29.42	Pass	Horizontal
2718.469	33.14	5.04	34.45	43.53	47.26	74.00	-26.74	Pass	Horizontal
2981.899	33.57	5.58	34.50	44.18	48.83	74.00	-25.17	Pass	Horizontal
10380.000	38.69	7.45	34.65	37.71	49.20	74.00	-24.80	Pass	Horizontal
15570.000	40.93	9.35	34.08	33.59	49.79	74.00	-24.21	Pass	Horizontal
1490.142	30.85	2.82	34.68	48.41	47.40	74.00	-26.60	Pass	Vertical
1955.344	31.63	3.20	34.33	45.44	45.94	74.00	-28.06	Pass	Vertical
2588.122	32.91	4.75	34.43	44.46	47.69	74.00	-26.31	Pass	Vertical
2990.531	33.59	5.60	34.50	45.02	49.71	74.00	-24.29	Pass	Vertical
10380.000	38.69	7.45	34.65	38.17	49.66	74.00	-24.34	Pass	Vertical
15570.000	40.93	9.35	34.08	34.38	50.58	74.00	-23.42	Pass	Vertical

Test mode: 802.11n(40M)(MCS0)	Test Frequency: 5230MHz	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
1451.878	30.78	2.78	34.72	48.17	47.01	74.00	-26.99	Pass	Horizontal
2163.504	32.07	3.69	34.34	44.40	45.82	74.00	-28.18	Pass	Horizontal
2782.060	33.25	5.18	34.46	44.43	48.40	74.00	-25.60	Pass	Horizontal
3214.623	33.41	5.58	34.52	44.80	49.27	74.00	-24.73	Pass	Horizontal
10460.000	38.77	7.46	34.58	36.42	48.07	74.00	-25.93	Pass	Horizontal
15690.000	40.98	9.35	34.20	32.68	48.81	74.00	-25.19	Pass	Horizontal
1175.697	30.17	2.49	34.99	46.71	44.38	74.00	-29.62	Pass	Vertical
1777.458	31.36	3.06	34.45	45.06	45.03	74.00	-28.97	Pass	Vertical
2114.052	31.96	3.56	34.33	44.51	45.70	74.00	-28.30	Pass	Vertical
2758.041	33.21	5.12	34.46	43.61	47.48	74.00	-26.52	Pass	Vertical
10460.000	38.77	7.46	34.58	38.58	50.23	74.00	-23.77	Pass	Vertical
15690.000	40.98	9.35	34.20	34.73	50.86	74.00	-23.14	Pass	Vertical

Test mode: 802.11n(40M)(MCS0)	Test Frequency: 5270MHz	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
1451.878	30.78	2.78	34.72	46.99	45.83	74.00	-28.17	Pass	Horizontal
2126.308	31.99	3.59	34.33	45.42	46.67	74.00	-27.33	Pass	Horizontal
2485.483	32.72	4.51	34.41	44.65	47.47	74.00	-26.53	Pass	Horizontal
3078.229	33.53	5.60	34.51	44.28	48.90	74.00	-25.10	Pass	Horizontal
10540.000	38.85	7.47	34.50	37.10	48.92	74.00	-25.08	Pass	Horizontal
15810.000	41.03	9.35	34.31	34.14	50.21	74.00	-23.79	Pass	Horizontal
1451.878	30.78	2.78	34.72	49.17	48.01	74.00	-25.99	Pass	Vertical
1989.550	31.68	3.22	34.31	45.32	45.91	74.00	-28.09	Pass	Vertical
2543.625	32.83	4.65	34.42	44.12	47.18	74.00	-26.82	Pass	Vertical
3042.846	33.56	5.61	34.50	45.12	49.79	74.00	-24.21	Pass	Vertical
10540.000	38.85	7.47	34.50	37.37	49.19	74.00	-24.81	Pass	Vertical
15810.000	41.03	9.35	34.31	32.85	48.92	74.00	-25.08	Pass	Vertical

Test mode: 802.11n(40M)(MCS0)	Test Frequency: 5310MHz	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
1059.511	29.87	2.34	35.12	50.91	48.00	74.00	-26.00	Pass	Horizontal
1451.878	30.78	2.78	34.72	47.45	46.29	74.00	-27.71	Pass	Horizontal
2126.308	31.99	3.59	34.33	45.78	47.03	74.00	-26.97	Pass	Horizontal
3280.326	33.35	5.56	34.53	44.71	49.09	74.00	-24.91	Pass	Horizontal
10667.640	38.98	7.48	34.39	37.91	49.98	74.00	-24.02	Pass	Horizontal
15930.000	41.07	9.34	34.43	33.50	49.48	74.00	-24.52	Pass	Horizontal
1062.578	29.88	2.34	35.12	49.50	46.60	74.00	-27.40	Pass	Vertical
1451.878	30.78	2.78	34.72	47.29	46.13	74.00	-27.87	Pass	Vertical
1995.309	31.69	3.23	34.30	46.04	46.66	74.00	-27.34	Pass	Vertical
3123.039	33.49	5.59	34.51	44.97	49.54	74.00	-24.46	Pass	Vertical
10620.000	38.93	7.48	34.43	37.61	49.59	74.00	-24.41	Pass	Vertical
15930.000	41.07	9.34	34.43	33.88	49.86	74.00	-24.14	Pass	Vertical

Test mode: 802.11n(40M)(MCS0)	Test Frequency: 5510MHz	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
1062.578	29.88	2.34	35.12	50.17	47.27	74.00	-26.73	Pass	Horizontal
1667.951	31.18	2.98	34.54	47.08	46.70	74.00	-27.30	Pass	Horizontal
2694.998	33.10	4.99	34.45	43.47	47.11	74.00	-26.89	Pass	Horizontal
3196.094	33.42	5.58	34.52	44.49	48.97	74.00	-25.03	Pass	Horizontal
11020.000	39.31	7.54	34.11	35.56	48.30	74.00	-25.70	Pass	Horizontal
16530.000	41.21	9.59	33.64	33.78	50.94	74.00	-23.06	Pass	Horizontal
1065.653	29.88	2.35	35.12	50.72	47.83	74.00	-26.17	Pass	Vertical
1905.135	31.56	3.16	34.36	46.17	46.53	74.00	-27.47	Pass	Vertical
2888.584	33.42	5.40	34.48	43.50	47.84	74.00	-26.16	Pass	Vertical
3252.005	33.38	5.57	34.53	44.81	49.23	74.00	-24.77	Pass	Vertical
11020.000	39.31	7.54	34.11	35.83	48.57	74.00	-25.43	Pass	Vertical
16530.000	41.21	9.59	33.64	31.84	49.00	74.00	-25.00	Pass	Vertical

Test mode: 802.11n(40M)(MCS0)	Test Frequency: 5550MHz	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
1220.71	30.28	2.54	34.94	47.17	45.05	74.00	-28.95	Pass	Horizontal
2030.21	31.77	3.32	34.31	44.11	44.89	74.00	-29.11	Pass	Horizontal
2595.61	32.92	4.77	34.43	44.11	47.37	74.00	-26.63	Pass	Horizontal
2973.29	33.56	5.57	34.50	44.10	48.73	74.00	-25.27	Pass	Horizontal
11180.00	39.36	7.71	34.16	35.78	48.69	74.00	-25.31	Pass	Horizontal
16770.00	41.26	9.70	33.26	32.52	50.22	74.00	-23.78	Pass	Horizontal
1293.36	30.44	2.62	34.87	45.69	43.88	74.00	-30.12	Pass	Vertical
2120.17	31.97	3.57	34.33	45.90	47.11	74.00	-26.89	Pass	Vertical
2782.06	33.25	5.18	34.46	44.25	48.22	74.00	-25.78	Pass	Vertical
3714.44	33.01	5.49	34.57	45.03	48.96	74.00	-25.04	Pass	Vertical
11180.00	39.36	7.71	34.16	36.37	49.28	74.00	-24.72	Pass	Vertical
16770.00	41.26	9.70	33.26	32.32	50.02	74.00	-23.98	Pass	Vertical

Test mode: 802.11n(40M)(MCS0)	Test Frequency: 5670MHz	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
1451.878	30.78	2.78	34.72	46.55	45.39	74.00	-28.61	Pass	Horizontal
2001.084	31.70	3.23	34.30	46.27	46.90	74.00	-27.10	Pass	Horizontal
2999.187	33.60	5.62	34.50	44.46	49.18	74.00	-24.82	Pass	Horizontal
3779.422	32.96	5.48	34.58	45.06	48.92	74.00	-25.08	Pass	Horizontal
11340.000	39.40	7.87	34.20	37.86	50.93	74.00	-23.07	Pass	Horizontal
17010.000	41.31	9.81	32.90	32.45	50.67	74.00	-23.33	Pass	Horizontal
1062.578	29.88	2.34	35.12	49.67	46.77	74.00	-27.23	Pass	Vertical
1597.181	31.05	2.92	34.59	47.90	47.28	74.00	-26.72	Pass	Vertical
2233.396	32.22	3.88	34.35	44.62	46.37	74.00	-27.63	Pass	Vertical
3186.869	33.43	5.58	34.52	44.65	49.14	74.00	-24.86	Pass	Vertical
11340.000	39.40	7.87	34.20	37.77	50.84	74.00	-23.16	Pass	Vertical
17010.000	41.31	9.81	32.90	31.51	49.73	74.00	-24.27	Pass	Vertical

Test mode: 802.11n(40M)(MCS0)	Test Frequency: 5755MHz	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
1062.578	29.88	2.34	35.12	50.26	47.36	74.00	-26.64	Pass	Horizontal
1597.181	31.05	2.92	34.59	46.62	46.00	74.00	-28.00	Pass	Horizontal
2380.026	32.52	4.26	34.39	44.72	47.11	74.00	-26.89	Pass	Horizontal
3242.619	33.38	5.57	34.53	45.48	49.90	74.00	-24.10	Pass	Horizontal
11510.000	39.46	8.04	34.26	36.69	49.93	74.00	-24.07	Pass	Horizontal
17265.000	41.46	10.00	32.95	31.44	49.95	74.00	-24.05	Pass	Horizontal
1059.511	29.87	2.34	35.12	50.53	47.62	74.00	-26.38	Pass	Vertical
1597.181	31.05	2.92	34.59	46.23	45.61	74.00	-28.39	Pass	Vertical
1995.309	31.69	3.23	34.30	45.09	45.71	74.00	-28.29	Pass	Vertical
3280.326	33.35	5.56	34.53	43.70	48.08	74.00	-25.92	Pass	Vertical
11510.000	39.46	8.04	34.26	37.68	50.92	74.00	-23.08	Pass	Vertical
17265.000	41.46	10.00	32.95	31.98	50.49	74.00	-23.51	Pass	Vertical

Test mode: 802.11n(40M)(MCS0)	Test Frequency: 5795MHz	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
1062.578	29.88	2.34	35.12	50.18	47.28	74.00	-26.72	Pass	Horizontal
1451.878	30.78	2.78	34.72	47.41	46.25	74.00	-27.75	Pass	Horizontal
1995.309	31.69	3.23	34.30	45.51	46.13	74.00	-27.87	Pass	Horizontal
3168.500	33.45	5.59	34.52	44.44	48.96	74.00	-25.04	Pass	Horizontal
11590.000	39.48	8.12	34.28	37.66	50.98	74.00	-23.02	Pass	Horizontal
17385.000	41.54	10.09	32.98	31.44	50.09	74.00	-23.91	Pass	Horizontal
1065.653	29.88	2.35	35.12	49.28	46.39	74.00	-27.61	Pass	Vertical
1451.878	30.78	2.78	34.72	46.76	45.60	74.00	-28.40	Pass	Vertical
2201.352	32.15	3.80	34.35	44.59	46.19	74.00	-27.81	Pass	Vertical
3252.005	33.38	5.57	34.53	44.57	48.99	74.00	-25.01	Pass	Vertical
11590.000	39.48	8.12	34.28	37.05	50.37	74.00	-23.63	Pass	Vertical
17385.000	41.54	10.09	32.98	30.93	49.58	74.00	-24.42	Pass	Vertical

802.11ac(20M) for 5150MHz ~5250 MHz, 5250MHz-5350MHz, 5470MHz-5725MHz, 5725MHz ~5850MHz

Test mode: 802.11ac(20M)(MCS0)	Test Frequency: 5180MHz	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
1278.492	30.41	2.60	34.88	46.60	44.73	74.00	-29.27	Pass	Horizontal
1551.677	30.97	2.87	34.63	46.46	45.67	74.00	-28.33	Pass	Horizontal
2492.677	32.73	4.53	34.41	43.77	46.62	74.00	-27.38	Pass	Horizontal
3233.260	33.39	5.57	34.53	44.24	48.67	74.00	-25.33	Pass	Horizontal
10360.000	38.67	7.45	34.67	37.06	48.51	74.00	-25.49	Pass	Horizontal
15540.000	40.92	9.35	34.05	32.58	48.80	74.00	-25.20	Pass	Horizontal
1203.199	30.23	2.52	34.96	47.07	44.86	74.00	-29.14	Pass	Vertical
1663.137	31.17	2.97	34.54	46.45	46.05	74.00	-27.95	Pass	Vertical
2543.625	32.83	4.65	34.42	44.00	47.06	74.00	-26.94	Pass	Vertical
3177.672	33.44	5.58	34.52	44.12	48.62	74.00	-25.38	Pass	Vertical
10360.000	38.67	7.45	34.67	37.22	48.67	74.00	-25.33	Pass	Vertical
15540.000	40.92	9.35	34.05	32.92	49.14	74.00	-24.86	Pass	Vertical

Test mode: 802.11ac(20M)(MCS0)	Test Frequency: 5220MHz	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
1274.802	30.40	2.60	34.88	45.89	44.01	74.00	-29.99	Pass	Horizontal
1667.951	31.18	2.98	34.54	46.00	45.62	74.00	-28.38	Pass	Horizontal
2157.260	32.05	3.68	34.34	44.08	45.47	74.00	-28.53	Pass	Horizontal
3223.928	33.40	5.57	34.53	44.09	48.53	74.00	-25.47	Pass	Horizontal
10440.000	38.75	7.46	34.59	38.03	49.65	74.00	-24.35	Pass	Horizontal
15660.000	40.97	9.35	34.17	34.70	50.85	74.00	-23.15	Pass	Horizontal
1203.199	30.23	2.52	34.96	46.45	44.24	74.00	-29.76	Pass	Vertical
1592.571	31.04	2.91	34.60	45.53	44.88	74.00	-29.12	Pass	Vertical
2855.380	33.37	5.33	34.48	43.14	47.36	74.00	-26.64	Pass	Vertical
3261.418	33.37	5.57	34.53	44.82	49.23	74.00	-24.77	Pass	Vertical
10440.000	38.75	7.46	34.59	37.33	48.95	74.00	-25.05	Pass	Vertical
15660.000	40.97	9.35	34.17	34.28	50.43	74.00	-23.57	Pass	Vertical

Test mode: 802.11ac(20M)(MCS0)	Test Frequency: 5240MHz	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
1278.492	30.41	2.60	34.88	46.31	44.44	74.00	-29.56	Pass	Horizontal
1667.951	31.18	2.98	34.54	45.47	45.09	74.00	-28.91	Pass	Horizontal
2259.367	32.27	3.95	34.36	43.91	45.77	74.00	-28.23	Pass	Horizontal
3132.079	33.48	5.59	34.51	43.82	48.38	74.00	-25.62	Pass	Horizontal
10480.000	38.79	7.46	34.56	38.02	49.71	74.00	-24.29	Pass	Horizontal
15720.000	40.99	9.35	34.23	33.70	49.81	74.00	-24.19	Pass	Horizontal
1199.726	30.23	2.51	34.96	47.35	45.13	74.00	-28.87	Pass	Vertical
1663.137	31.17	2.97	34.54	47.39	46.99	74.00	-27.01	Pass	Vertical
2610.661	32.95	4.80	34.43	44.40	47.72	74.00	-26.28	Pass	Vertical
2990.531	33.59	5.60	34.50	46.15	50.84	74.00	-23.16	Pass	Vertical
10480.000	38.79	7.46	34.56	38.48	50.17	74.00	-23.83	Pass	Vertical
15720.000	40.99	9.35	34.23	34.26	50.37	74.00	-23.63	Pass	Vertical

Test mode: 802.11ac(20M)(MCS0)	Test Frequency: 5260MHz	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
1278.492	30.41	2.60	34.88	46.80	44.93	74.00	-29.07	Pass	Horizontal
1905.135	31.56	3.16	34.36	46.66	47.02	74.00	-26.98	Pass	Horizontal
2492.677	32.73	4.53	34.41	44.87	47.72	74.00	-26.28	Pass	Horizontal
3196.094	33.42	5.58	34.52	44.39	48.87	74.00	-25.13	Pass	Horizontal
10520.000	38.83	7.47	34.52	36.20	47.98	74.00	-26.02	Pass	Horizontal
15780.000	41.01	9.35	34.29	33.48	49.55	74.00	-24.45	Pass	Horizontal
1199.726	30.23	2.51	34.96	46.55	44.33	74.00	-29.67	Pass	Vertical
1762.112	31.33	3.05	34.46	48.12	48.04	74.00	-25.96	Pass	Vertical
2687.220	33.08	4.97	34.45	43.51	47.11	74.00	-26.89	Pass	Vertical
2999.187	33.60	5.62	34.50	45.62	50.34	74.00	-23.66	Pass	Vertical
10520.000	38.83	7.47	34.52	37.95	49.73	74.00	-24.27	Pass	Vertical
15780.000	41.01	9.35	34.29	34.22	50.29	74.00	-23.71	Pass	Vertical

Test mode: 802.11ac(20M)(MCS0)	Test Frequency: 5300MHz	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
1203.199	30.23	2.52	34.96	46.06	43.85	74.00	-30.15	Pass	Horizontal
1746.898	31.31	3.04	34.48	45.71	45.58	74.00	-28.42	Pass	Horizontal
2318.912	32.39	4.10	34.37	43.71	45.83	74.00	-28.17	Pass	Horizontal
3186.869	33.43	5.58	34.52	44.72	49.21	74.00	-24.79	Pass	Horizontal
10600.000	38.91	7.48	34.45	37.35	49.29	74.00	-24.71	Pass	Horizontal
15900.000	41.06	9.34	34.40	34.43	50.43	74.00	-23.57	Pass	Horizontal
1439.343	30.75	2.77	34.73	45.21	44.00	74.00	-30.00	Pass	Vertical
2169.767	32.08	3.71	34.34	43.82	45.27	74.00	-28.73	Pass	Vertical
3114.025	33.50	5.60	34.51	43.38	47.97	74.00	-26.03	Pass	Vertical
3714.443	33.01	5.49	34.57	43.34	47.27	74.00	-26.73	Pass	Vertical
10600.000	38.91	7.48	34.45	37.31	49.25	74.00	-24.75	Pass	Vertical
15900.000	41.06	9.34	34.40	33.47	49.47	74.00	-24.53	Pass	Vertical

Test mode: 802.11ac(20M)(MCS0)	Test Frequency: 5320MHz	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
1439.343	30.75	2.77	34.73	45.44	44.23	74.00	-29.77	Pass	Horizontal
1667.951	31.18	2.98	34.54	46.90	46.52	74.00	-27.48	Pass	Horizontal
2499.893	32.75	4.55	34.41	44.00	46.89	74.00	-27.11	Pass	Horizontal
3289.821	33.34	5.56	34.53	45.17	49.54	74.00	-24.46	Pass	Horizontal
10640.000	38.95	7.48	34.41	38.21	50.23	74.00	-23.77	Pass	Horizontal
15860.000	41.05	9.34	34.36	33.46	49.49	74.00	-24.51	Pass	Horizontal
1199.726	30.23	2.51	34.96	48.83	46.61	74.00	-27.39	Pass	Vertical
1667.951	31.18	2.98	34.54	47.78	47.40	74.00	-26.60	Pass	Vertical
2485.483	32.72	4.51	34.41	43.40	46.22	74.00	-27.78	Pass	Vertical
3242.619	33.38	5.57	34.53	43.83	48.25	74.00	-25.75	Pass	Vertical
10640.000	38.95	7.48	34.41	36.91	48.93	74.00	-25.07	Pass	Vertical
15860.000	41.05	9.34	34.36	33.84	49.87	74.00	-24.13	Pass	Vertical

Test mode: 802.11ac(20M)(MCS0)	Test Frequency: 5500MHz	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
1278.492	30.41	2.60	34.88	46.18	44.31	74.00	-29.69	Pass	Horizontal
1667.951	31.18	2.98	34.54	46.19	45.81	74.00	-28.19	Pass	Horizontal
2485.483	32.72	4.51	34.41	45.60	48.42	74.00	-25.58	Pass	Horizontal
3186.869	33.43	5.58	34.52	44.02	48.51	74.00	-25.49	Pass	Horizontal
11000.000	39.30	7.52	34.10	36.48	49.20	74.00	-24.80	Pass	Horizontal
16500.000	41.20	9.57	33.69	32.53	49.61	74.00	-24.39	Pass	Horizontal
1203.199	30.23	2.52	34.96	48.14	45.93	74.00	-28.07	Pass	Vertical
1663.137	31.17	2.97	34.54	47.13	46.73	74.00	-27.27	Pass	Vertical
2471.157	32.69	4.48	34.40	43.66	46.43	74.00	-27.57	Pass	Vertical
2990.531	33.59	5.60	34.50	45.88	50.57	74.00	-23.43	Pass	Vertical
11000.000	39.30	7.52	34.10	37.38	50.10	74.00	-23.90	Pass	Vertical
16500.000	41.20	9.57	33.69	30.69	47.77	74.00	-26.23	Pass	Vertical

Test mode: 802.11ac(20M)(MCS0)	Test Frequency: 5580MHz	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
1331.288	30.53	2.66	34.83	45.60	43.96	74.00	-30.04	Pass	Horizontal
1667.951	31.18	2.98	34.54	46.27	45.89	74.00	-28.11	Pass	Horizontal
2507.129	32.76	4.56	34.41	45.29	48.20	74.00	-25.80	Pass	Horizontal
3114.025	33.50	5.60	34.51	43.58	48.17	74.00	-25.83	Pass	Horizontal
11200.000	39.36	7.73	34.16	35.87	48.80	74.00	-25.20	Pass	Horizontal
16800.000	41.26	9.71	33.21	32.30	50.06	74.00	-23.94	Pass	Horizontal
1203.199	30.23	2.52	34.96	46.94	44.73	74.00	-29.27	Pass	Vertical
1667.951	31.18	2.98	34.54	47.46	47.08	74.00	-26.92	Pass	Vertical
2485.483	32.72	4.51	34.41	45.27	48.09	74.00	-25.91	Pass	Vertical
3735.978	32.99	5.48	34.58	45.17	49.06	74.00	-24.94	Pass	Vertical
11200.000	39.36	7.73	34.16	37.39	50.32	74.00	-23.68	Pass	Vertical
16800.000	41.26	9.71	33.21	33.12	50.88	74.00	-23.12	Pass	Vertical

Test mode: 802.11ac(20M)(MCS0)	Test Frequency: 5700MHz	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
1274.802	30.40	2.60	34.88	45.90	44.02	74.00	-29.98	Pass	Horizontal
1921.727	31.58	3.17	34.35	45.12	45.52	74.00	-28.48	Pass	Horizontal
2710.622	33.12	5.02	34.45	43.83	47.52	74.00	-26.48	Pass	Horizontal
3261.418	33.37	5.57	34.53	44.67	49.08	74.00	-24.92	Pass	Horizontal
11400.000	39.42	7.93	34.22	36.06	49.19	74.00	-24.81	Pass	Horizontal
17100.000	41.36	9.88	32.92	31.75	50.07	74.00	-23.93	Pass	Horizontal
1199.726	30.23	2.51	34.96	47.75	45.53	74.00	-28.47	Pass	Vertical
1667.951	31.18	2.98	34.54	46.69	46.31	74.00	-27.69	Pass	Vertical
2380.026	32.52	4.26	34.39	43.19	45.58	74.00	-28.42	Pass	Vertical
2990.531	33.59	5.60	34.50	45.56	50.25	74.00	-23.75	Pass	Vertical
11400.000	39.42	7.93	34.22	36.26	49.39	74.00	-24.61	Pass	Vertical
17100.000	41.36	9.88	32.92	31.81	50.13	74.00	-23.87	Pass	Vertical

Test mode: 802.11ac(20M)(MCS0)				Test Frequency: 5745MHz			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
1196.264	30.22	2.51	34.97	46.37	44.13	74.00	-29.87	Pass	Horizontal
1667.951	31.18	2.98	34.54	47.02	46.64	74.00	-27.36	Pass	Horizontal
2421.661	32.60	4.36	34.39	43.77	46.34	74.00	-27.66	Pass	Horizontal
3069.345	33.54	5.61	34.51	44.16	48.80	74.00	-25.20	Pass	Horizontal
11490.000	39.45	8.02	34.25	36.14	49.36	74.00	-24.64	Pass	Horizontal
17235.000	41.44	9.98	32.95	31.30	49.77	74.00	-24.23	Pass	Horizontal
1199.726	30.23	2.51	34.96	46.88	44.66	74.00	-29.34	Pass	Vertical
1667.951	31.18	2.98	34.54	46.99	46.61	74.00	-27.39	Pass	Vertical
2471.157	32.69	4.48	34.40	43.52	46.29	74.00	-27.71	Pass	Vertical
2990.531	33.59	5.60	34.50	46.20	50.89	74.00	-23.11	Pass	Vertical
11490.000	39.45	8.02	34.25	34.21	47.43	74.00	-26.57	Pass	Vertical
17235.000	41.44	9.98	32.95	32.36	50.83	74.00	-23.17	Pass	Vertical

Test mode: 802.11ac(20M)(MCS0)				Test Frequency: 5785MHz			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
1289.627	30.43	2.62	34.87	45.86	44.04	74.00	-29.96	Pass	Horizontal
1667.951	31.18	2.98	34.54	45.92	45.54	74.00	-28.46	Pass	Horizontal
2588.122	32.91	4.75	34.43	43.33	46.56	74.00	-27.44	Pass	Horizontal
3132.079	33.48	5.59	34.51	43.96	48.52	74.00	-25.48	Pass	Horizontal
11570.000	39.47	8.10	34.27	34.42	47.72	74.00	-26.28	Pass	Horizontal
17355.000	41.52	10.07	32.97	31.39	50.01	74.00	-23.99	Pass	Horizontal
1199.726	30.23	2.51	34.96	47.47	45.25	74.00	-28.75	Pass	Vertical
1762.112	31.33	3.05	34.46	48.01	47.93	74.00	-26.07	Pass	Vertical
2492.677	32.73	4.53	34.41	44.51	47.36	74.00	-26.64	Pass	Vertical
2999.187	33.60	5.62	34.50	43.86	48.58	74.00	-25.42	Pass	Vertical
11570.000	39.47	8.10	34.27	34.96	48.26	74.00	-25.74	Pass	Vertical
17355.000	41.52	10.07	32.97	30.59	49.21	74.00	-24.79	Pass	Vertical

Test mode: 802.11ac(20M)(MCS0)	Test Frequency: 5825MHz	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
1203.199	30.23	2.52	34.96	46.20	43.99	74.00	-30.01	Pass	Horizontal
1667.951	31.18	2.98	34.54	46.19	45.81	74.00	-28.19	Pass	Horizontal
2292.257	32.34	4.03	34.37	43.90	45.90	74.00	-28.10	Pass	Horizontal
3299.344	33.34	5.56	34.53	44.00	48.37	74.00	-25.63	Pass	Horizontal
11650.000	39.50	8.18	34.30	37.12	50.50	74.00	-23.50	Pass	Horizontal
17475.000	41.59	10.16	33.00	31.22	49.97	74.00	-24.03	Pass	Horizontal
1203.199	30.23	2.52	34.96	46.41	44.20	74.00	-29.80	Pass	Vertical
1667.951	31.18	2.98	34.54	47.22	46.84	74.00	-27.16	Pass	Vertical
2478.310	32.70	4.49	34.41	44.00	46.78	74.00	-27.22	Pass	Vertical
3105.037	33.50	5.60	34.51	44.18	48.77	74.00	-25.23	Pass	Vertical
11650.000	39.50	8.18	34.30	36.34	49.72	74.00	-24.28	Pass	Vertical
17475.000	41.59	10.16	33.00	31.45	50.20	74.00	-23.80	Pass	Vertical

802.11ac(40M) for 5150MHz ~5250 MHz, 5250MHz-5350MHz, 5470MHz-5725MHz, 5725MHz ~5850MHz

Test mode: 802.11ac(40M)(MCS0)	Test Frequency: 5190MHz	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
1362.430	30.59	2.69	34.80	45.37	43.85	74.00	-30.15	Pass	Horizontal
1834.878	31.45	3.11	34.41	45.75	45.90	74.00	-28.10	Pass	Horizontal
2492.677	32.73	4.53	34.41	44.28	47.13	74.00	-26.87	Pass	Horizontal
2990.531	33.59	5.60	34.50	43.69	48.38	74.00	-25.62	Pass	Horizontal
10380.000	38.69	7.45	34.65	36.26	47.75	74.00	-26.25	Pass	Horizontal
15570.000	40.93	9.35	34.08	32.18	48.38	74.00	-25.62	Pass	Horizontal
1199.726	30.23	2.51	34.96	46.45	44.23	74.00	-29.77	Pass	Vertical
1667.951	31.18	2.98	34.54	47.32	46.94	74.00	-27.06	Pass	Vertical
2400.753	32.56	4.31	34.39	44.64	47.12	74.00	-26.88	Pass	Vertical
2990.531	33.59	5.60	34.50	45.73	50.42	74.00	-23.58	Pass	Vertical
10380.000	38.69	7.45	34.65	35.87	47.36	74.00	-26.64	Pass	Vertical
15570.000	40.93	9.35	34.08	32.71	48.91	74.00	-25.09	Pass	Vertical

Test mode: 802.11ac(40M)(MCS0)	Test Frequency: 5230MHz	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
1078.046	29.92	2.37	35.10	46.69	43.88	74.00	-30.12	Pass	Horizontal
1451.878	30.78	2.78	34.72	46.89	45.73	74.00	-28.27	Pass	Horizontal
1989.550	31.68	3.22	34.31	44.41	45.00	74.00	-29.00	Pass	Horizontal
2981.899	33.57	5.58	34.50	44.21	48.86	74.00	-25.14	Pass	Horizontal
10460.000	38.77	7.46	34.58	36.06	47.71	74.00	-26.29	Pass	Horizontal
15690.000	40.98	9.35	34.20	33.70	49.83	74.00	-24.17	Pass	Horizontal
1199.726	30.23	2.51	34.96	46.66	44.44	74.00	-29.56	Pass	Vertical
1667.951	31.18	2.98	34.54	46.76	46.38	74.00	-27.62	Pass	Vertical
2400.753	32.56	4.31	34.39	44.70	47.18	74.00	-26.82	Pass	Vertical
2990.531	33.59	5.60	34.50	45.34	50.03	74.00	-23.97	Pass	Vertical
10460.000	38.77	7.46	34.58	37.04	48.69	74.00	-25.31	Pass	Vertical
15690.000	40.98	9.35	34.20	33.67	49.80	74.00	-24.20	Pass	Vertical

Test mode: 802.11ac(40M)(MCS0)	Test Frequency: 5270MHz	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
1439.343	30.75	2.77	34.73	46.02	44.81	74.00	-29.19	Pass	Horizontal
2226.950	32.20	3.86	34.35	44.35	46.06	74.00	-27.94	Pass	Horizontal
3069.345	33.54	5.61	34.51	43.77	48.41	74.00	-25.59	Pass	Horizontal
3515.957	33.16	5.52	34.56	44.16	48.28	74.00	-25.72	Pass	Horizontal
10540.000	38.85	7.47	34.50	37.32	49.14	74.00	-24.86	Pass	Horizontal
15810.000	41.03	9.35	34.31	33.41	49.48	74.00	-24.52	Pass	Horizontal
1196.264	30.22	2.51	34.97	46.38	44.14	74.00	-29.86	Pass	Vertical
1667.951	31.18	2.98	34.54	47.81	47.43	74.00	-26.57	Pass	Vertical
1989.550	31.68	3.22	34.31	46.38	46.97	74.00	-27.03	Pass	Vertical
2999.187	33.60	5.62	34.50	45.45	50.17	74.00	-23.83	Pass	Vertical
10540.000	38.85	7.47	34.50	37.12	48.94	74.00	-25.06	Pass	Vertical
15810.000	41.03	9.35	34.31	34.14	50.21	74.00	-23.79	Pass	Vertical

Test mode: 802.11ac(40M)(MCS0)				Test Frequency: 5310MHz			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
1224.247	30.28	2.54	34.94	46.33	44.21	74.00	-29.79	Pass	Horizontal
1667.951	31.18	2.98	34.54	47.15	46.77	74.00	-27.23	Pass	Horizontal
2428.671	32.61	4.37	34.40	42.92	45.50	74.00	-28.50	Pass	Horizontal
3261.418	33.37	5.57	34.53	43.77	48.18	74.00	-25.82	Pass	Horizontal
10620.000	38.93	7.48	34.43	37.62	49.60	74.00	-24.40	Pass	Horizontal
15930.000	41.07	9.34	34.43	34.29	50.27	74.00	-23.73	Pass	Horizontal
1199.726	30.23	2.51	34.96	47.12	44.90	74.00	-29.10	Pass	Vertical
1667.951	31.18	2.98	34.54	47.39	47.01	74.00	-26.99	Pass	Vertical
2083.719	31.89	3.47	34.32	44.98	46.02	74.00	-27.98	Pass	Vertical
3242.619	33.38	5.57	34.53	44.16	48.58	74.00	-25.42	Pass	Vertical
10620.000	38.93	7.48	34.43	38.81	50.79	74.00	-23.21	Pass	Vertical
15930.000	41.07	9.34	34.43	33.89	49.87	74.00	-24.13	Pass	Vertical

Test mode: 802.11ac(40M)(MCS0)				Test Frequency: 5510MHz			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
1078.046	29.92	2.37	35.10	47.04	44.23	74.00	-29.77	Pass	Horizontal
1648.778	31.14	2.96	34.55	49.64	49.19	74.00	-24.81	Pass	Horizontal
2220.523	32.19	3.85	34.35	44.38	46.07	74.00	-27.93	Pass	Horizontal
2694.998	33.10	4.99	34.45	43.75	47.39	74.00	-26.61	Pass	Horizontal
11020.000	39.31	7.54	34.11	36.40	49.14	74.00	-24.86	Pass	Horizontal
16530.000	41.21	9.59	33.64	33.00	50.16	74.00	-23.84	Pass	Horizontal
1199.726	30.23	2.51	34.96	46.73	44.51	74.00	-29.49	Pass	Vertical
1663.137	31.17	2.97	34.54	46.71	46.31	74.00	-27.69	Pass	Vertical
2428.671	32.61	4.37	34.40	42.82	45.40	74.00	-28.60	Pass	Vertical
3177.672	33.44	5.58	34.52	44.88	49.38	74.00	-24.62	Pass	Vertical
11020.000	39.31	7.54	34.11	35.87	48.61	74.00	-25.39	Pass	Vertical
16530.000	41.21	9.59	33.64	33.62	50.78	74.00	-23.22	Pass	Vertical

Test mode: 802.11ac(40M)(MCS0)	Test Frequency: 5550MHz	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
1203.199	30.23	2.52	34.96	46.43	44.22	74.00	-29.78	Pass	Horizontal
1667.951	31.18	2.98	34.54	46.49	46.11	74.00	-27.89	Pass	Horizontal
2573.203	32.88	4.72	34.42	44.36	47.54	74.00	-26.46	Pass	Horizontal
3186.869	33.43	5.58	34.52	44.32	48.81	74.00	-25.19	Pass	Horizontal
11180.000	39.36	7.71	34.16	35.69	48.60	74.00	-25.40	Pass	Horizontal
16770.000	41.26	9.70	33.26	32.88	50.58	74.00	-23.42	Pass	Horizontal
1199.726	30.23	2.51	34.96	46.60	44.38	74.00	-29.62	Pass	Vertical
1667.951	31.18	2.98	34.54	47.24	46.86	74.00	-27.14	Pass	Vertical
2442.751	32.64	4.41	34.40	43.96	46.61	74.00	-27.39	Pass	Vertical
2990.531	33.59	5.60	34.50	45.73	50.42	74.00	-23.58	Pass	Vertical
11180.000	39.36	7.71	34.16	37.40	50.31	74.00	-23.69	Pass	Vertical
16770.000	41.26	9.70	33.26	33.02	50.72	74.00	-23.28	Pass	Vertical

Test mode: 802.11ac(40M)(MCS0)	Test Frequency: 5670MHz	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
1199.726	30.23	2.51	34.96	46.38	44.16	74.00	-29.84	Pass	Horizontal
1667.951	31.18	2.98	34.54	45.59	45.21	74.00	-28.79	Pass	Horizontal
2053.822	31.82	3.39	34.31	44.92	45.82	74.00	-28.18	Pass	Horizontal
2880.247	33.41	5.38	34.48	43.59	47.90	74.00	-26.10	Pass	Horizontal
11340.000	39.40	7.87	34.20	37.07	50.14	74.00	-23.86	Pass	Horizontal
17010.000	41.31	9.81	32.90	31.34	49.56	74.00	-24.44	Pass	Horizontal
1199.726	30.23	2.51	34.96	48.17	45.95	74.00	-28.05	Pass	Vertical
1667.951	31.18	2.98	34.54	48.20	47.82	74.00	-26.18	Pass	Vertical
2386.915	32.53	4.27	34.39	43.98	46.39	74.00	-27.61	Pass	Vertical
2990.531	33.59	5.60	34.50	45.11	49.80	74.00	-24.20	Pass	Vertical
11340.000	39.40	7.87	34.20	35.58	48.65	74.00	-25.35	Pass	Vertical
17010.000	41.31	9.81	32.90	32.23	50.45	74.00	-23.55	Pass	Vertical

Test mode: 802.11ac(40M)(MCS0)	Test Frequency: 5755MHz	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
1203.199	30.23	2.52	34.96	46.83	44.62	74.00	-29.38	Pass	Horizontal
1560.673	30.98	2.88	34.62	46.73	45.97	74.00	-28.03	Pass	Horizontal
2492.677	32.73	4.53	34.41	44.90	47.75	74.00	-26.25	Pass	Horizontal
3087.140	33.52	5.60	34.51	44.18	48.79	74.00	-25.21	Pass	Horizontal
11550.000	39.47	8.08	34.27	35.84	49.12	74.00	-24.88	Pass	Horizontal
17325.000	41.50	10.05	32.97	31.97	50.55	74.00	-23.45	Pass	Horizontal
1199.726	30.23	2.51	34.96	46.40	44.18	74.00	-29.82	Pass	Vertical
1667.951	31.18	2.98	34.54	47.41	47.03	74.00	-26.97	Pass	Vertical
2400.753	32.56	4.31	34.39	43.84	46.32	74.00	-27.68	Pass	Vertical
3214.623	33.41	5.58	34.52	43.84	48.31	74.00	-25.69	Pass	Vertical
11550.000	39.47	8.08	34.27	35.27	48.55	74.00	-25.45	Pass	Vertical
17325.000	41.50	10.05	32.97	30.94	49.52	74.00	-24.48	Pass	Vertical

Test mode: 802.11ac(40M)(MCS0)	Test Frequency: 5795MHz	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
1418.692	30.71	2.75	34.75	46.50	45.21	74.00	-28.79	Pass	Horizontal
1667.951	31.18	2.98	34.54	45.82	45.44	74.00	-28.56	Pass	Horizontal
1883.236	31.53	3.15	34.38	46.50	46.80	74.00	-27.20	Pass	Horizontal
2905.331	33.45	5.43	34.48	42.71	47.11	74.00	-26.89	Pass	Horizontal
11590.000	39.48	8.12	34.28	36.69	50.01	74.00	-23.99	Pass	Horizontal
17385.000	41.54	10.09	32.98	31.26	49.91	74.00	-24.09	Pass	Horizontal
1206.682	30.24	2.52	34.96	47.58	45.38	74.00	-28.62	Pass	Vertical
1667.951	31.18	2.98	34.54	46.78	46.40	74.00	-27.60	Pass	Vertical
2207.723	32.16	3.81	34.35	43.92	45.54	74.00	-28.46	Pass	Vertical
2999.187	33.60	5.62	34.50	46.05	50.77	74.00	-23.23	Pass	Vertical
11590.000	39.48	8.12	34.28	35.92	49.24	74.00	-24.76	Pass	Vertical
17385.000	41.54	10.09	32.98	30.58	49.23	74.00	-24.77	Pass	Vertical

802.11ac(80M) for 5150MHz ~5250 MHz, 5250MHz-5350MHz, 5470MHz-5725MHz, 5725MHz ~5850MHz

Test mode: 802.11ac(80M)(MCS0)	Test Frequency: 5210MHz	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
1196.264	30.22	2.51	34.97	46.64	44.40	74.00	-29.60	Pass	Horizontal
1667.951	31.18	2.98	34.54	46.47	46.09	74.00	-27.91	Pass	Horizontal
2492.677	32.73	4.53	34.41	43.68	46.53	74.00	-27.47	Pass	Horizontal
3289.821	33.34	5.56	34.53	44.64	49.01	74.00	-24.99	Pass	Horizontal
10420.000	38.73	7.46	34.61	36.73	48.31	74.00	-25.69	Pass	Horizontal
15630.000	40.95	9.35	34.14	32.97	49.13	74.00	-24.87	Pass	Horizontal
1203.199	30.23	2.52	34.96	47.39	45.18	74.00	-28.82	Pass	Vertical
1663.137	31.17	2.97	34.54	47.88	47.48	74.00	-26.52	Pass	Vertical
2272.466	32.30	3.98	34.36	43.76	45.68	74.00	-28.32	Pass	Vertical
3280.326	33.35	5.56	34.53	44.23	48.61	74.00	-25.39	Pass	Vertical
10420.000	38.73	7.46	34.61	36.45	48.03	74.00	-25.97	Pass	Vertical
15630.000	40.95	9.35	34.14	33.59	49.75	74.00	-24.25	Pass	Vertical

Test mode: 802.11ac(80M)(MCS0)	Test Frequency: 5290MHz	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
1439.343	30.75	2.77	34.73	47.10	45.89	74.00	-28.11	Pass	Horizontal
1667.951	31.18	2.98	34.54	47.50	47.12	74.00	-26.88	Pass	Horizontal
2464.024	32.68	4.46	34.40	44.38	47.12	74.00	-26.88	Pass	Horizontal
3114.025	33.50	5.60	34.51	44.14	48.73	74.00	-25.27	Pass	Horizontal
10580.000	38.89	7.48	34.47	36.90	48.80	74.00	-25.20	Pass	Horizontal
15870.000	41.05	9.34	34.37	32.13	48.15	74.00	-25.85	Pass	Horizontal
1199.726	30.23	2.51	34.96	46.72	44.50	74.00	-29.50	Pass	Vertical
1667.951	31.18	2.98	34.54	48.15	47.77	74.00	-26.23	Pass	Vertical
2095.800	31.92	3.51	34.32	44.34	45.45	74.00	-28.55	Pass	Vertical
2990.531	33.59	5.60	34.50	45.62	50.31	74.00	-23.69	Pass	Vertical
10580.000	38.89	7.48	34.47	37.12	49.02	74.00	-24.98	Pass	Vertical
15870.000	41.05	9.34	34.37	34.21	50.23	74.00	-23.77	Pass	Vertical

Test mode: 802.11ac(80M)(MCS0)				Test Frequency: 5530MHz			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
1278.492	30.41	2.60	34.88	46.68	44.81	74.00	-29.19	Pass	Horizontal
1746.898	31.31	3.04	34.48	47.43	47.30	74.00	-26.70	Pass	Horizontal
2499.893	32.75	4.55	34.41	44.49	47.38	74.00	-26.62	Pass	Horizontal
2990.531	33.59	5.60	34.50	43.62	48.31	74.00	-25.69	Pass	Horizontal
11060.000	39.32	7.58	34.12	35.31	48.09	74.00	-25.91	Pass	Horizontal
16590.000	41.22	9.61	33.54	33.14	50.43	74.00	-23.57	Pass	Horizontal
1199.726	30.23	2.51	34.96	48.23	46.01	74.00	-27.99	Pass	Vertical
1667.951	31.18	2.98	34.54	47.14	46.76	74.00	-27.24	Pass	Vertical
2543.625	32.83	4.65	34.42	44.10	47.16	74.00	-26.84	Pass	Vertical
3233.260	33.39	5.57	34.53	44.26	48.69	74.00	-25.31	Pass	Vertical
11060.000	39.32	7.58	34.12	36.16	48.94	74.00	-25.06	Pass	Vertical
16590.000	41.22	9.61	33.54	32.62	49.91	74.00	-24.09	Pass	Vertical

Test mode: 802.11ac(80M)(MCS0)				Test Frequency: 5690MHz			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
1327.446	30.52	2.66	34.83	47.81	46.16	74.00	-27.84	Pass	Horizontal
1894.154	31.54	3.15	34.37	47.24	47.56	74.00	-26.44	Pass	Horizontal
2671.730	33.06	4.94	34.44	43.44	47.00	74.00	-27.00	Pass	Horizontal
3261.418	33.37	5.57	34.53	44.70	49.11	74.00	-24.89	Pass	Horizontal
11380.000	39.42	7.91	34.22	37.33	50.44	74.00	-23.56	Pass	Horizontal
17070.000	41.34	9.85	32.91	31.66	49.94	74.00	-24.06	Pass	Horizontal
1196.264	30.22	2.51	34.97	47.60	45.36	74.00	-28.64	Pass	Vertical
1667.951	31.18	2.98	34.54	47.44	47.06	74.00	-26.94	Pass	Vertical
2625.796	32.98	4.83	34.43	43.02	46.40	74.00	-27.60	Pass	Vertical
3714.443	33.01	5.49	34.57	44.79	48.72	74.00	-25.28	Pass	Vertical
11380.000	39.42	7.91	34.22	35.82	48.93	74.00	-25.07	Pass	Vertical
17070.000	41.34	9.85	32.91	32.33	50.61	74.00	-23.39	Pass	Vertical

Test mode: 802.11ac(80M)(MCS0)	Test Frequency: 5775MHz	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
1078.046	29.92	2.37	35.10	47.04	44.23	74.00	-29.77	Pass	Horizontal
1542.733	30.95	2.87	34.64	45.67	44.85	74.00	-29.15	Pass	Horizontal
2083.719	31.89	3.47	34.32	44.54	45.58	74.00	-28.42	Pass	Horizontal
2847.139	33.35	5.31	34.47	44.19	48.38	74.00	-25.62	Pass	Horizontal
11550.000	39.47	8.08	34.27	35.29	48.57	74.00	-25.43	Pass	Horizontal
17325.000	41.50	10.05	32.97	31.83	50.41	74.00	-23.59	Pass	Horizontal
1199.726	30.23	2.51	34.96	48.05	45.83	74.00	-28.17	Pass	Vertical
1667.951	31.18	2.98	34.54	47.43	47.05	74.00	-26.95	Pass	Vertical
2169.767	32.08	3.71	34.34	44.77	46.22	74.00	-27.78	Pass	Vertical
2999.187	33.60	5.62	34.50	45.86	50.58	74.00	-23.42	Pass	Vertical
11550.000	39.47	8.08	34.27	33.41	46.69	74.00	-27.31	Pass	Vertical
17325.000	41.50	10.05	32.97	30.12	48.70	74.00	-25.30	Pass	Vertical

Transmitter Emission 18GHz-40GHz

802.11a for 5150MHz ~5250 MHz, 5250MHz-5350MHz, 5470MHz-5725MHz, 5725MHz ~5850MHz

Test mode: 802.11a(MCS0)	Test Frequency: 5180MHz	Remark: Peak

Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
19652.56	40.30	61.83	56.04	34.51	74.00	-39.49	Pass	Horizontal
22744.75	40.32	58.26	49.65	31.71	74.00	-42.29	Pass	Horizontal
24733.97	40.38	57.70	50.88	33.56	74.00	-40.44	Pass	Horizontal
26983.22	40.50	56.68	50.61	34.43	74.00	-39.57	Pass	Horizontal
28015.14	40.69	55.68	49.57	34.58	74.00	-39.42	Pass	Horizontal
32242.40	40.60	49.73	44.97	35.84	74.00	-38.16	Pass	Horizontal
20683.00	40.19	62.02	54.84	33.01	74.00	-40.99	Pass	Vertical
23727.99	40.55	57.70	49.90	32.75	74.00	-41.25	Pass	Vertical
26854.25	40.47	56.77	51.90	35.60	74.00	-38.40	Pass	Vertical
30489.64	40.35	52.75	46.57	34.17	74.00	-39.83	Pass	Vertical
32840.02	40.60	48.85	45.67	37.42	74.00	-36.58	Pass	Vertical
34369.27	40.66	47.87	47.83	40.62	74.00	-33.38	Pass	Vertical

Test mode: 802.11a(MCS0)	Test Frequency: 5220MHz	Remark: Peak

Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
20016.83	40.39	61.53	54.50	33.36	74.00	-40.64	Pass	Horizontal
22927.10	40.38	57.94	49.72	32.16	74.00	-41.84	Pass	Horizontal
25803.21	40.30	57.44	49.47	32.33	74.00	-41.67	Pass	Horizontal
26983.22	40.50	56.68	50.75	34.57	74.00	-39.43	Pass	Horizontal
30489.64	40.35	52.75	45.87	33.47	74.00	-40.53	Pass	Horizontal
32216.67	40.60	49.77	44.46	35.29	74.00	-38.71	Pass	Horizontal
19387.59	40.22	62.07	55.94	34.09	74.00	-39.91	Pass	Vertical
22726.60	40.32	58.29	48.21	30.24	74.00	-43.76	Pass	Vertical
25803.21	40.30	57.44	49.93	32.79	74.00	-41.21	Pass	Vertical
27527.29	40.61	56.15	49.71	34.17	74.00	-39.83	Pass	Vertical
29226.21	40.22	54.46	48.21	33.97	74.00	-40.03	Pass	Vertical
33235.73	40.62	48.50	45.51	37.63	74.00	-36.37	Pass	Vertical

Test mode: 802.11a(MCS0)			Test Frequency: 5240MHz		Remark: Peak			
Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
19968.93	40.39	61.55	54.87	33.71	74.00	-40.29	Pass	Horizontal
23746.95	40.55	57.70	49.21	32.06	74.00	-41.94	Pass	Horizontal
26961.68	40.49	56.70	49.71	33.50	74.00	-40.50	Pass	Horizontal
30513.99	40.35	52.72	46.49	34.12	74.00	-39.88	Pass	Horizontal
34095.93	40.69	48.08	46.57	39.18	74.00	-34.82	Pass	Horizontal
37464.80	41.00	46.42	46.80	41.38	74.00	-32.62	Pass	Horizontal
20000.85	40.40	61.52	55.16	34.04	74.00	-39.96	Pass	Vertical
24419.98	40.47	57.68	48.26	31.05	74.00	-42.95	Pass	Vertical
27992.78	40.70	55.70	48.91	33.91	74.00	-40.09	Pass	Vertical
31179.01	40.44	51.82	45.73	34.35	74.00	-39.65	Pass	Vertical
33824.75	40.68	48.24	46.15	38.59	74.00	-35.41	Pass	Vertical
35740.69	40.67	47.65	46.56	39.58	74.00	-34.42	Pass	Vertical

Test mode: 802.11a(MCS0)			Test Frequency: 5260MHz		Remark: Peak			
Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
20032.82	40.39	61.54	55.73	34.58	74.00	-39.42	Pass	Horizontal
22744.75	40.32	58.26	49.20	31.26	74.00	-42.74	Pass	Horizontal
24733.97	40.38	57.70	49.07	31.75	74.00	-42.25	Pass	Horizontal
26961.68	40.49	56.70	50.67	34.46	74.00	-39.54	Pass	Horizontal
28832.16	40.28	54.96	48.39	33.71	74.00	-40.29	Pass	Horizontal
31504.35	40.50	51.13	45.91	35.28	74.00	-38.72	Pass	Horizontal
19984.88	40.40	61.53	55.50	34.37	74.00	-39.63	Pass	Vertical
22726.60	40.32	58.29	48.54	30.57	74.00	-43.43	Pass	Vertical
24932.27	40.32	57.71	48.79	31.40	74.00	-42.60	Pass	Vertical
27992.78	40.70	55.70	49.61	34.61	74.00	-39.39	Pass	Vertical
31154.12	40.43	51.87	45.03	33.59	74.00	-40.41	Pass	Vertical
33262.29	40.63	48.49	44.56	36.70	74.00	-37.30	Pass	Vertical

Test mode: 802.11a(MCS0)			Test Frequency: 5300MHz		Remark: Peak			
Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
19683.97	40.31	61.80	55.31	33.82	74.00	-40.18	Pass	Horizontal
22927.10	40.38	57.94	48.38	30.82	74.00	-43.18	Pass	Horizontal
26449.90	40.39	57.05	49.24	32.58	74.00	-41.42	Pass	Horizontal
27571.29	40.62	56.11	48.34	32.85	74.00	-41.15	Pass	Horizontal
30392.41	40.34	52.85	45.77	33.26	74.00	-40.74	Pass	Horizontal
33209.21	40.62	48.51	44.58	36.69	74.00	-37.31	Pass	Horizontal
19984.88	40.40	61.53	56.11	34.98	74.00	-39.02	Pass	Vertical
22927.10	40.38	57.94	49.32	31.76	74.00	-42.24	Pass	Vertical
25782.61	40.30	57.44	48.70	31.56	74.00	-42.44	Pass	Vertical
27527.29	40.61	56.15	49.16	33.62	74.00	-40.38	Pass	Vertical
29720.43	40.27	53.70	45.42	31.99	74.00	-42.01	Pass	Vertical
34396.73	40.66	47.85	46.18	38.99	74.00	-35.01	Pass	Vertical

Test mode: 802.11a(MCS0)			Test Frequency: 5320MHz		Remark: Peak			
Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
20000.85	40.40	61.52	54.37	33.25	74.00	-40.75	Pass	Horizontal
22726.60	40.32	58.29	48.49	30.52	74.00	-43.48	Pass	Horizontal
26897.17	40.48	56.74	49.94	33.68	74.00	-40.32	Pass	Horizontal
27970.43	40.69	55.72	48.34	33.31	74.00	-40.69	Pass	Horizontal
31203.91	40.44	51.77	46.92	35.59	74.00	-38.41	Pass	Horizontal
32787.62	40.60	48.92	45.63	37.31	74.00	-36.69	Pass	Horizontal
19984.88	40.40	61.53	54.43	33.30	74.00	-40.70	Pass	Vertical
24932.27	40.32	57.71	48.27	30.88	74.00	-43.12	Pass	Vertical
26854.25	40.47	56.77	49.58	33.28	74.00	-40.72	Pass	Vertical
29649.32	40.27	53.81	45.83	32.29	74.00	-41.71	Pass	Vertical
32892.51	40.60	48.77	44.37	36.20	74.00	-37.80	Pass	Vertical
35655.18	40.67	47.62	46.27	39.32	74.00	-34.68	Pass	Vertical

Test mode: 802.11a(MCS0)			Test Frequency: 5500MHz		Remark: Peak			
Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
19668.26	40.30	61.81	55.21	33.70	74.00	-40.30	Pass	Horizontal
22726.60	40.32	58.29	48.38	30.41	74.00	-43.59	Pass	Horizontal
26854.25	40.47	56.77	50.50	34.20	74.00	-39.80	Pass	Horizontal
29839.32	40.28	53.52	45.74	32.50	74.00	-41.50	Pass	Horizontal
33235.73	40.62	48.50	44.68	36.80	74.00	-37.20	Pass	Horizontal
34424.21	40.66	47.83	46.46	39.29	74.00	-34.71	Pass	Horizontal
19715.43	40.32	61.77	55.32	33.87	74.00	-40.13	Pass	Vertical
23277.59	40.46	57.77	47.37	30.06	74.00	-43.94	Pass	Vertical
26897.17	40.48	56.74	49.55	33.29	74.00	-40.71	Pass	Vertical
29649.32	40.27	53.81	46.05	32.51	74.00	-41.49	Pass	Vertical
33716.89	40.67	48.29	45.86	38.24	74.00	-35.76	Pass	Vertical
34451.71	40.65	47.80	47.03	39.88	74.00	-34.12	Pass	Vertical

Test mode: 802.11a(MCS0)			Test Frequency: 5580MHz		Remark: Peak			
Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
20000.85	40.40	61.52	55.29	34.17	74.00	-39.83	Pass	Horizontal
22927.10	40.38	57.94	46.87	29.31	74.00	-44.69	Pass	Horizontal
26832.82	40.47	56.79	49.29	32.97	74.00	-41.03	Pass	Horizontal
30489.64	40.35	52.75	45.40	33.00	74.00	-41.00	Pass	Horizontal
33288.86	40.63	48.48	44.82	36.97	74.00	-37.03	Pass	Horizontal
34451.71	40.65	47.80	46.07	38.92	74.00	-35.08	Pass	Horizontal
20016.83	40.39	61.53	54.13	32.99	74.00	-41.01	Pass	Vertical
22945.41	40.38	57.91	47.87	30.34	74.00	-43.66	Pass	Vertical
26832.82	40.47	56.79	49.38	33.06	74.00	-40.94	Pass	Vertical
30906.34	40.39	52.30	44.11	32.20	74.00	-41.80	Pass	Vertical
33262.29	40.63	48.49	45.05	37.19	74.00	-36.81	Pass	Vertical
34561.92	40.64	47.72	47.68	40.60	74.00	-33.40	Pass	Vertical

Test mode: 802.11a(MCS0)			Test Frequency: 5700MHz		Remark: Peak			
Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
20000.85	40.40	61.52	54.91	33.79	74.00	-40.21	Pass	Horizontal
22726.60	40.32	58.29	47.80	29.83	74.00	-44.17	Pass	Horizontal
24912.37	40.33	57.71	48.57	31.19	74.00	-42.81	Pass	Horizontal
27330.17	40.57	56.34	48.30	32.53	74.00	-41.47	Pass	Horizontal
30440.98	40.34	52.80	45.26	32.80	74.00	-41.20	Pass	Horizontal
32840.02	40.60	48.85	44.39	36.14	74.00	-37.86	Pass	Horizontal
20000.85	40.40	61.52	53.88	32.76	74.00	-41.24	Pass	Vertical
23539.28	40.51	57.73	46.89	29.67	74.00	-44.33	Pass	Vertical
26961.68	40.49	56.70	48.83	32.62	74.00	-41.38	Pass	Vertical
29296.31	40.23	54.35	45.76	31.64	74.00	-42.36	Pass	Vertical
32319.73	40.60	49.62	45.36	36.34	74.00	-37.66	Pass	Vertical
34396.73	40.66	47.85	46.53	39.34	74.00	-34.66	Pass	Vertical

Test mode: 802.11a(MCS0)			Test Frequency: 5745MHz		Remark: Peak			
Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
20032.82	40.39	61.54	60.10	38.95	74.00	-35.05	Pass	Horizontal
22890.51	40.37	58.01	52.33	34.69	74.00	-39.31	Pass	Horizontal
26897.17	40.48	56.74	51.43	35.17	74.00	-38.83	Pass	Horizontal
28557.20	40.42	55.20	47.22	32.44	74.00	-41.56	Pass	Horizontal
32190.95	40.60	49.81	44.02	34.81	74.00	-39.19	Pass	Horizontal
34068.71	40.69	48.11	46.86	39.44	74.00	-34.56	Pass	Horizontal
20016.83	40.39	61.53	61.39	40.25	74.00	-33.75	Pass	Vertical
22654.13	40.30	58.41	51.86	33.75	74.00	-40.25	Pass	Vertical
26897.17	40.48	56.74	51.03	34.77	74.00	-39.23	Pass	Vertical
30271.31	40.33	52.98	45.62	32.97	74.00	-41.03	Pass	Vertical
32945.09	40.60	48.69	44.08	35.99	74.00	-38.01	Pass	Vertical
34424.21	40.66	47.83	46.61	39.44	74.00	-34.56	Pass	Vertical

Test mode: 802.11a(MCS0)			Test Frequency: 5785MHz		Remark: Peak			
Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
20016.83	40.39	61.53	59.70	38.56	74.00	-35.44	Pass	Horizontal
23000.45	40.40	57.82	50.93	33.51	74.00	-40.49	Pass	Horizontal
26875.70	40.48	56.76	51.22	34.94	74.00	-39.06	Pass	Horizontal
30102.57	40.31	53.17	46.02	33.16	74.00	-40.84	Pass	Horizontal
33770.78	40.68	48.26	45.03	37.45	74.00	-36.55	Pass	Horizontal
36084.81	40.73	47.70	47.06	40.09	74.00	-33.91	Pass	Horizontal
19683.97	40.31	61.80	60.29	38.80	74.00	-35.20	Pass	Vertical
22908.80	40.37	57.98	51.34	33.73	74.00	-40.27	Pass	Vertical
25782.61	40.30	57.44	50.48	33.34	74.00	-40.66	Pass	Vertical
30102.57	40.31	53.17	45.21	32.35	74.00	-41.65	Pass	Vertical
32840.02	40.60	48.85	44.99	36.74	74.00	-37.26	Pass	Vertical
36056.01	40.72	47.72	47.00	40.00	74.00	-34.00	Pass	Vertical

Test mode: 802.11a(MCS0)			Test Frequency: 5825MHz		Remark: Peak			
Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
19984.88	40.40	61.53	60.03	38.90	74.00	-35.10	Pass	Horizontal
22890.51	40.37	58.01	51.44	33.80	74.00	-40.20	Pass	Horizontal
26875.70	40.48	56.76	51.97	35.69	74.00	-38.31	Pass	Horizontal
28557.20	40.42	55.20	47.45	32.67	74.00	-41.33	Pass	Horizontal
32397.25	40.60	49.50	44.53	35.63	74.00	-38.37	Pass	Horizontal
34506.77	40.65	47.76	46.23	39.12	74.00	-34.88	Pass	Horizontal
20032.82	40.39	61.54	59.74	38.59	74.00	-35.41	Pass	Vertical
22762.92	40.33	58.23	50.89	32.99	74.00	-41.01	Pass	Vertical
26897.17	40.48	56.74	51.63	35.37	74.00	-38.63	Pass	Vertical
30368.15	40.34	52.88	46.34	33.80	74.00	-40.20	Pass	Vertical
32813.81	40.60	48.88	43.80	35.52	74.00	-38.48	Pass	Vertical
34451.71	40.65	47.80	47.02	39.87	74.00	-34.13	Pass	Vertical

802.11n(20M) for 5150MHz ~5250 MHz, 5250MHz-5350MHz, 5470MHz-5725MHz, 5725MHz ~5850MHz

Test mode: 802.11n(20M)(MCS0)	Test Frequency: 5180MHz	Remark: Peak

Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
19636.87	40.29	61.84	62.06	40.51	74.00	-33.49	Pass	Horizontal
22726.60	40.32	58.29	58.45	40.48	74.00	-33.52	Pass	Horizontal
26093.28	40.32	57.30	59.90	42.92	74.00	-31.08	Pass	Horizontal
27593.31	40.62	56.08	60.83	45.37	74.00	-28.63	Pass	Horizontal
29744.17	40.27	53.67	59.26	45.86	74.00	-28.14	Pass	Horizontal
31756.92	40.55	50.60	56.42	46.37	74.00	-27.63	Pass	Horizontal
19172.06	40.15	62.26	61.59	39.48	74.00	-34.52	Pass	Vertical
22047.36	40.11	59.48	59.22	39.85	74.00	-34.15	Pass	Vertical
23576.90	40.52	57.73	57.95	40.74	74.00	-33.26	Pass	Vertical
26155.86	40.33	57.26	58.55	41.62	74.00	-32.38	Pass	Vertical
27330.17	40.57	56.34	60.11	44.34	74.00	-29.66	Pass	Vertical
29649.32	40.27	53.81	58.59	45.05	74.00	-28.95	Pass	Vertical

Test mode: 802.11n(20M)(MCS0)	Test Frequency: 5220MHz	Remark: Peak

Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
19715.43	40.32	61.77	60.33	38.88	74.00	-35.12	Pass	Horizontal
22456.01	40.24	58.76	57.37	38.85	74.00	-35.15	Pass	Horizontal
25333.64	40.30	57.60	59.22	41.92	74.00	-32.08	Pass	Horizontal
27992.78	40.70	55.70	59.81	44.81	74.00	-29.19	Pass	Horizontal
30513.99	40.35	52.72	57.34	44.97	74.00	-29.03	Pass	Horizontal
35006.32	40.60	47.38	52.37	45.59	74.00	-28.41	Pass	Horizontal
19434.09	40.23	62.02	61.06	39.27	74.00	-34.73	Pass	Vertical
23314.80	40.46	57.77	59.23	41.92	74.00	-32.08	Pass	Vertical
26619.41	40.42	56.93	59.01	42.50	74.00	-31.50	Pass	Vertical
28172.17	40.61	55.54	59.66	44.73	74.00	-29.27	Pass	Vertical
30734.07	40.37	52.48	56.79	44.68	74.00	-29.32	Pass	Vertical
33024.10	40.60	48.60	54.78	46.78	74.00	-27.22	Pass	Vertical

Test mode: 802.11n(20M)(MCS0)	Test Frequency: 5240MHz	Remark: Peak

Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
19652.56	40.30	61.83	61.32	39.79	74.00	-34.21	Pass	Horizontal
23482.96	40.50	57.74	57.39	40.15	74.00	-33.85	Pass	Horizontal
26218.60	40.34	57.21	59.03	42.16	74.00	-31.84	Pass	Horizontal
28172.17	40.61	55.54	59.71	44.78	74.00	-29.22	Pass	Horizontal
29249.56	40.23	54.42	58.40	44.21	74.00	-29.79	Pass	Horizontal
32293.93	40.60	49.66	54.65	45.59	74.00	-28.41	Pass	Horizontal
19652.56	40.30	61.83	61.56	40.03	74.00	-33.97	Pass	Vertical
20404.13	40.28	61.82	60.01	38.47	74.00	-35.53	Pass	Vertical
24264.48	40.52	57.67	57.25	40.10	74.00	-33.90	Pass	Vertical
27069.54	40.51	56.60	59.47	43.38	74.00	-30.62	Pass	Vertical
28809.14	40.29	54.98	59.13	44.44	74.00	-29.56	Pass	Vertical
32918.79	40.60	48.73	53.28	45.15	74.00	-28.85	Pass	Vertical

Test mode: 802.11n(20M)(MCS0)	Test Frequency: 5260MHz	Remark: Peak

Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
19731.18	40.32	61.76	60.15	38.71	74.00	-35.29	Pass	Horizontal
23037.21	40.41	57.81	58.53	41.13	74.00	-32.87	Pass	Horizontal
26010.07	40.30	57.36	59.24	42.18	74.00	-31.82	Pass	Horizontal
29507.61	40.25	54.03	58.14	44.36	74.00	-29.64	Pass	Horizontal
32735.30	40.60	49.00	52.94	44.54	74.00	-29.46	Pass	Horizontal
33960.07	40.70	48.18	52.74	45.26	74.00	-28.74	Pass	Horizontal
18688.37	40.19	61.16	60.00	39.03	74.00	-34.97	Pass	Vertical
22762.92	40.33	58.23	57.71	39.81	74.00	-34.19	Pass	Vertical
26134.99	40.33	57.27	57.64	40.70	74.00	-33.30	Pass	Vertical
28194.67	40.60	55.52	59.24	44.32	74.00	-29.68	Pass	Vertical
30562.76	40.36	52.67	55.74	43.43	74.00	-30.57	Pass	Vertical
32345.55	40.60	49.58	55.19	46.21	74.00	-27.79	Pass	Vertical

Test mode: 802.11n(20M)(MCS0)	Test Frequency: 5300MHz	Remark: Peak

Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
20145.11	40.36	61.63	59.63	38.36	74.00	-35.64	Pass	Horizontal
23296.19	40.46	57.77	56.65	39.34	74.00	-34.66	Pass	Horizontal
26576.93	40.42	56.96	58.44	41.90	74.00	-32.10	Pass	Horizontal
28855.19	40.27	54.94	58.98	44.31	74.00	-29.69	Pass	Horizontal
31731.57	40.55	50.66	53.99	43.88	74.00	-30.12	Pass	Horizontal
32474.95	40.60	49.39	54.40	45.61	74.00	-28.39	Pass	Horizontal
19921.15	40.38	61.59	59.47	38.26	74.00	-35.74	Pass	Vertical
23092.46	40.42	57.80	56.71	39.33	74.00	-34.67	Pass	Vertical
25947.84	40.30	57.39	56.86	39.77	74.00	-34.23	Pass	Vertical
28307.47	40.54	55.42	57.98	43.10	74.00	-30.90	Pass	Vertical
31179.01	40.44	51.82	54.90	43.52	74.00	-30.48	Pass	Vertical
32500.89	40.60	49.35	52.42	43.67	74.00	-30.33	Pass	Vertical

Test mode: 802.11n(20M)(MCS0)	Test Frequency: 5320MHz	Remark: Peak

Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
19699.70	40.31	61.79	59.92	38.44	74.00	-35.56	Pass	Horizontal
23746.95	40.55	57.70	56.34	39.19	74.00	-34.81	Pass	Horizontal
27527.29	40.61	56.15	59.29	43.75	74.00	-30.25	Pass	Horizontal
30636.06	40.36	52.59	54.03	41.80	74.00	-32.20	Pass	Horizontal
33475.45	40.65	48.39	52.34	44.60	74.00	-29.40	Pass	Horizontal
34424.21	40.66	47.83	51.84	44.67	74.00	-29.33	Pass	Horizontal
19683.97	40.31	61.80	59.26	37.77	74.00	-36.23	Pass	Vertical
22982.09	40.39	57.85	55.70	38.24	74.00	-35.76	Pass	Vertical
24813.10	40.36	57.70	56.72	39.38	74.00	-34.62	Pass	Vertical
26661.95	40.43	56.90	59.18	42.71	74.00	-31.29	Pass	Vertical
28855.19	40.27	54.94	57.40	42.73	74.00	-31.27	Pass	Vertical
31909.44	40.58	50.29	54.81	45.10	74.00	-28.90	Pass	Vertical

Test mode: 802.11n(20M)(MCS0)	Test Frequency: 5500MHz	Remark: Peak

Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
19699.70	40.31	61.79	60.11	38.63	74.00	-35.37	Pass	Horizontal
22945.41	40.38	57.91	57.00	39.47	74.00	-34.53	Pass	Horizontal
25313.42	40.30	57.60	56.58	39.28	74.00	-34.72	Pass	Horizontal
28172.17	40.61	55.54	58.03	43.10	74.00	-30.90	Pass	Horizontal
31203.91	40.44	51.77	53.18	41.85	74.00	-32.15	Pass	Horizontal
34451.71	40.65	47.80	51.57	44.42	74.00	-29.58	Pass	Horizontal
20064.84	40.38	61.57	58.63	37.44	74.00	-36.56	Pass	Vertical
22581.88	40.28	58.54	56.29	38.03	74.00	-35.97	Pass	Vertical
25293.21	40.30	57.61	58.41	41.10	74.00	-32.90	Pass	Vertical
28127.21	40.64	55.58	58.06	43.12	74.00	-30.88	Pass	Vertical
31228.84	40.45	51.71	52.42	41.16	74.00	-32.84	Pass	Vertical
32735.30	40.60	49.00	51.74	43.34	74.00	-30.66	Pass	Vertical

Test mode: 802.11n(20M)(MCS0)	Test Frequency: 5580MHz	Remark: Peak

Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
19921.15	40.38	61.59	59.00	37.79	74.00	-36.21	Pass	Horizontal
23000.45	40.40	57.82	55.44	38.02	74.00	-35.98	Pass	Horizontal
25313.42	40.30	57.60	56.64	39.34	74.00	-34.66	Pass	Horizontal
28172.17	40.61	55.54	57.06	42.13	74.00	-31.87	Pass	Horizontal
31154.12	40.43	51.87	53.20	41.76	74.00	-32.24	Pass	Horizontal
32449.03	40.60	49.43	50.99	42.16	74.00	-31.84	Pass	Horizontal
19218.04	40.17	62.22	60.14	38.09	74.00	-35.91	Pass	Vertical
22563.86	40.27	58.57	54.09	35.79	74.00	-38.21	Pass	Vertical
24283.87	40.51	57.67	56.45	39.29	74.00	-34.71	Pass	Vertical
27549.28	40.61	56.13	57.22	41.70	74.00	-32.30	Pass	Vertical
31203.91	40.44	51.77	53.11	41.78	74.00	-32.22	Pass	Vertical
32945.09	40.60	48.69	51.74	43.65	74.00	-30.35	Pass	Vertical

Test mode: 802.11n(20M)(MCS0)	Test Frequency: 5700MHz	Remark: Peak

Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
19778.50	40.33	61.72	59.20	37.81	74.00	-36.19	Pass	Horizontal
23937.33	40.59	57.67	55.89	38.81	74.00	-35.19	Pass	Horizontal
27571.29	40.62	56.11	57.33	41.84	74.00	-32.16	Pass	Horizontal
28809.14	40.29	54.98	56.44	41.75	74.00	-32.25	Pass	Horizontal
31154.12	40.43	51.87	51.59	40.15	74.00	-33.85	Pass	Horizontal
33987.20	40.70	48.17	51.62	44.15	74.00	-29.85	Pass	Horizontal
19715.43	40.32	61.77	58.80	37.35	74.00	-36.65	Pass	Vertical
22945.41	40.38	57.91	54.43	36.90	74.00	-37.10	Pass	Vertical
26051.64	40.31	57.33	56.03	39.01	74.00	-34.99	Pass	Vertical
28127.21	40.64	55.58	56.76	41.82	74.00	-32.18	Pass	Vertical
30980.47	40.40	52.22	52.96	41.14	74.00	-32.86	Pass	Vertical
32971.40	40.60	48.65	51.67	43.62	74.00	-30.38	Pass	Vertical

Test mode: 802.11n(20M)(MCS0)	Test Frequency: 5745MHz	Remark: Peak

Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
19387.59	40.22	62.07	59.84	37.99	74.00	-36.01	Pass	Horizontal
21405.50	40.10	61.14	57.97	36.93	74.00	-37.07	Pass	Horizontal
24615.76	40.41	57.69	55.99	38.71	74.00	-35.29	Pass	Horizontal
28172.17	40.61	55.54	56.79	41.86	74.00	-32.14	Pass	Horizontal
31203.91	40.44	51.77	51.64	40.31	74.00	-33.69	Pass	Horizontal
32945.09	40.60	48.69	50.88	42.79	74.00	-31.21	Pass	Horizontal
19731.18	40.32	61.76	59.44	38.00	74.00	-36.00	Pass	Vertical
22945.41	40.38	57.91	55.39	37.86	74.00	-36.14	Pass	Vertical
24912.37	40.33	57.71	55.65	38.27	74.00	-35.73	Pass	Vertical
27549.28	40.61	56.13	57.01	41.49	74.00	-32.51	Pass	Vertical
28194.67	40.60	55.52	57.11	42.19	74.00	-31.81	Pass	Vertical
31353.77	40.47	51.45	51.49	40.51	74.00	-33.49	Pass	Vertical

Test mode: 802.11n(20M)(MCS0)	Test Frequency: 5785MHz	Remark: Peak

Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
19683.97	40.31	61.80	58.51	37.02	74.00	-36.98	Pass	Horizontal
23408.07	40.48	57.75	53.94	36.67	74.00	-37.33	Pass	Horizontal
26010.07	40.30	57.36	55.43	38.37	74.00	-35.63	Pass	Horizontal
27571.29	40.62	56.11	55.82	40.33	74.00	-33.67	Pass	Horizontal
30368.15	40.34	52.88	51.79	39.25	74.00	-34.75	Pass	Horizontal
32840.02	40.60	48.85	49.14	40.89	74.00	-33.11	Pass	Horizontal
19715.43	40.32	61.77	59.17	37.72	74.00	-36.28	Pass	Vertical
22726.60	40.32	58.29	52.70	34.73	74.00	-39.27	Pass	Vertical
24932.27	40.32	57.71	54.70	37.31	74.00	-36.69	Pass	Vertical
27069.54	40.51	56.60	56.27	40.18	74.00	-33.82	Pass	Vertical
28194.67	40.60	55.52	55.88	40.96	74.00	-33.04	Pass	Vertical
31529.52	40.51	51.08	50.05	39.48	74.00	-34.52	Pass	Vertical

Test mode: 802.11n(20M)(MCS0)	Test Frequency: 5825MHz	Remark: Peak

Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
19699.70	40.31	61.79	59.48	38.00	74.00	-36.00	Pass	Horizontal
23333.42	40.47	57.77	52.99	35.69	74.00	-38.31	Pass	Horizontal
25516.36	40.30	57.53	55.95	38.72	74.00	-35.28	Pass	Horizontal
28172.17	40.61	55.54	55.03	40.10	74.00	-33.90	Pass	Horizontal
30513.99	40.35	52.72	52.13	39.76	74.00	-34.24	Pass	Horizontal
32216.67	40.60	49.77	49.73	40.56	74.00	-33.44	Pass	Horizontal
19683.97	40.31	61.80	58.83	37.34	74.00	-36.66	Pass	Vertical
22927.10	40.38	57.94	53.69	36.13	74.00	-37.87	Pass	Vertical
26010.07	40.30	57.36	54.98	37.92	74.00	-36.08	Pass	Vertical
28194.67	40.60	55.52	56.79	41.87	74.00	-32.13	Pass	Vertical
32293.93	40.60	49.66	48.82	39.76	74.00	-34.24	Pass	Vertical
34424.21	40.66	47.83	48.90	41.73	74.00	-32.27	Pass	Vertical

802.11n(40M) for 5150MHz ~5250 MHz, 5250MHz-5350MHz, 5470MHz-5725MHz, 5725MHz ~5850MHz

Test mode: 802.11n(40M)(MCS0)	Test Frequency: 5190MHz	Remark: Peak

Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
19699.70	40.31	61.79	58.18	36.70	74.00	-37.30	Pass	Horizontal
23296.19	40.46	57.77	53.70	36.39	74.00	-37.61	Pass	Horizontal
27527.29	40.61	56.15	54.47	38.93	74.00	-35.07	Pass	Horizontal
30416.69	40.34	52.83	52.16	39.67	74.00	-34.33	Pass	Horizontal
33235.73	40.62	48.50	49.04	41.16	74.00	-32.84	Pass	Horizontal
35683.66	40.67	47.63	49.06	42.10	74.00	-31.90	Pass	Horizontal
20032.82	40.39	61.54	58.62	37.47	74.00	-36.53	Pass	Vertical
22982.09	40.39	57.85	53.28	35.82	74.00	-38.18	Pass	Vertical
24733.97	40.38	57.70	54.77	37.45	74.00	-36.55	Pass	Vertical
27505.32	40.60	56.17	55.24	39.67	74.00	-34.33	Pass	Vertical
29272.92	40.23	54.39	54.36	40.20	74.00	-33.80	Pass	Vertical
32761.45	40.60	48.96	50.40	42.04	74.00	-31.96	Pass	Vertical

Test mode: 802.11n(40M)(MCS0)	Test Frequency: 5230MHz	Remark: Peak

Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
19668.26	40.30	61.81	58.61	37.10	74.00	-36.90	Pass	Horizontal
21889.48	40.10	59.85	54.00	34.25	74.00	-39.75	Pass	Horizontal
24753.73	40.37	57.70	54.58	37.25	74.00	-36.75	Pass	Horizontal
27549.28	40.61	56.13	55.08	39.56	74.00	-34.44	Pass	Horizontal
29296.31	40.23	54.35	53.61	39.49	74.00	-34.51	Pass	Horizontal
32449.03	40.60	49.43	48.54	39.71	74.00	-34.29	Pass	Horizontal
19699.70	40.31	61.79	58.46	36.98	74.00	-37.02	Pass	Vertical
22945.41	40.38	57.91	53.28	35.75	74.00	-38.25	Pass	Vertical
25313.42	40.30	57.60	54.39	37.09	74.00	-36.91	Pass	Vertical
27571.29	40.62	56.11	55.90	40.41	74.00	-33.59	Pass	Vertical
31054.77	40.41	52.08	49.71	38.04	74.00	-35.96	Pass	Vertical
32787.62	40.60	48.92	48.88	40.56	74.00	-33.44	Pass	Vertical

Test mode: 802.11n(40M)(MCS0)	Test Frequency: 5270MHz	Remark: Peak

Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
19699.70	40.31	61.79	58.12	36.64	74.00	-37.36	Pass	Horizontal
22927.10	40.38	57.94	52.48	34.92	74.00	-39.08	Pass	Horizontal
25989.31	40.30	57.37	54.27	37.20	74.00	-36.80	Pass	Horizontal
27527.29	40.61	56.15	56.49	40.95	74.00	-33.05	Pass	Horizontal
28809.14	40.29	54.98	55.29	40.60	74.00	-33.40	Pass	Horizontal
31909.44	40.58	50.29	49.03	39.32	74.00	-34.68	Pass	Horizontal
19699.70	40.31	61.79	58.22	36.74	74.00	-37.26	Pass	Vertical
22963.74	40.39	57.88	52.44	34.95	74.00	-39.05	Pass	Vertical
26534.52	40.41	56.99	53.75	37.17	74.00	-36.83	Pass	Vertical
28194.67	40.60	55.52	53.93	39.01	74.00	-34.99	Pass	Vertical
31756.92	40.55	50.60	48.68	38.63	74.00	-35.37	Pass	Vertical
32813.81	40.60	48.88	48.77	40.49	74.00	-33.51	Pass	Vertical

Test mode: 802.11n(40M)(MCS0)	Test Frequency: 5310MHz	Remark: Peak

Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
19699.70	40.31	61.79	60.24	38.76	74.00	-35.24	Pass	Horizontal
22726.60	40.32	58.29	53.42	35.45	74.00	-38.55	Pass	Horizontal
25273.02	40.30	57.62	54.06	36.74	74.00	-37.26	Pass	Horizontal
26983.22	40.50	56.68	55.96	39.78	74.00	-34.22	Pass	Horizontal
29226.21	40.22	54.46	52.98	38.74	74.00	-35.26	Pass	Horizontal
31680.94	40.54	50.76	50.32	40.10	74.00	-33.90	Pass	Horizontal
19699.70	40.31	61.79	60.24	38.76	74.00	-35.24	Pass	Vertical
22726.60	40.32	58.29	53.42	35.45	74.00	-38.55	Pass	Vertical
25968.57	40.30	57.38	54.54	37.46	74.00	-36.54	Pass	Vertical
28194.67	40.60	55.52	54.69	39.77	74.00	-34.23	Pass	Vertical
29226.21	40.22	54.46	52.98	38.74	74.00	-35.26	Pass	Vertical
32813.81	40.60	48.88	49.42	41.14	74.00	-32.86	Pass	Vertical

Test mode: 802.11n(40M)(MCS0)	Test Frequency: 5510MHz	Remark: Peak

Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
20016.83	40.39	61.53	55.73	34.59	74.00	-39.41	Pass	Horizontal
22726.60	40.32	58.29	50.43	32.46	74.00	-41.54	Pass	Horizontal
24932.27	40.32	57.71	51.33	33.94	74.00	-40.06	Pass	Horizontal
27992.78	40.70	55.70	51.15	36.15	74.00	-37.85	Pass	Horizontal
31203.91	40.44	51.77	46.38	35.05	74.00	-38.95	Pass	Horizontal
32813.81	40.60	48.88	46.69	38.41	74.00	-35.59	Pass	Horizontal
19699.70	40.31	61.79	60.24	38.76	74.00	-35.24	Pass	Vertical
22726.60	40.32	58.29	53.42	35.45	74.00	-38.55	Pass	Vertical
26449.90	40.39	57.05	54.48	37.82	74.00	-36.18	Pass	Vertical
28194.67	40.60	55.52	54.69	39.77	74.00	-34.23	Pass	Vertical
31680.94	40.54	50.76	50.32	40.10	74.00	-33.90	Pass	Vertical
34424.21	40.66	47.83	49.39	42.22	74.00	-31.78	Pass	Vertical

Test mode: 802.11n(40M)(MCS0)	Test Frequency: 5550MHz	Remark: Peak

Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
20000.85	40.40	61.52	56.12	35.00	74.00	-39.00	Pass	Horizontal
22726.60	40.32	58.29	51.89	33.92	74.00	-40.08	Pass	Horizontal
24714.23	40.38	57.70	51.45	34.13	74.00	-39.87	Pass	Horizontal
27970.43	40.69	55.72	50.76	35.73	74.00	-38.27	Pass	Horizontal
31403.88	40.48	51.34	46.46	35.60	74.00	-38.40	Pass	Horizontal
33878.81	40.69	48.21	46.17	38.65	74.00	-35.35	Pass	Horizontal
18348.28	40.29	59.75	56.04	36.58	74.00	-37.42	Pass	Vertical
20683.00	40.19	62.02	56.15	34.32	74.00	-39.68	Pass	Vertical
23746.95	40.55	57.70	50.62	33.47	74.00	-40.53	Pass	Vertical
26983.22	40.50	56.68	51.62	35.44	74.00	-38.56	Pass	Vertical
30343.91	40.33	52.90	47.92	35.35	74.00	-38.65	Pass	Vertical
32761.45	40.60	48.96	47.52	39.16	74.00	-34.84	Pass	Vertical

Test mode: 802.11n(40M)(MCS0)	Test Frequency: 5670MHz	Remark: Peak

Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
20032.82	40.39	61.54	56.83	35.68	74.00	-38.32	Pass	Horizontal
22726.60	40.32	58.29	50.24	32.27	74.00	-41.73	Pass	Horizontal
24733.97	40.38	57.70	49.73	32.41	74.00	-41.59	Pass	Horizontal
26918.66	40.48	56.73	52.29	36.04	74.00	-37.96	Pass	Horizontal
28488.88	40.45	55.26	49.38	34.57	74.00	-39.43	Pass	Horizontal
32397.25	40.60	49.50	45.53	36.63	74.00	-37.37	Pass	Horizontal
20032.82	40.39	61.54	55.42	34.27	74.00	-39.73	Pass	Vertical
22726.60	40.32	58.29	50.84	32.87	74.00	-41.13	Pass	Vertical
25273.02	40.30	57.62	50.47	33.15	74.00	-40.85	Pass	Vertical
28015.14	40.69	55.68	50.61	35.62	74.00	-38.38	Pass	Vertical
30465.30	40.35	52.77	46.75	34.33	74.00	-39.67	Pass	Vertical
32892.51	40.60	48.77	45.96	37.79	74.00	-36.21	Pass	Vertical

Test mode: 802.11n(40M)(MCS0)	Test Frequency: 5755MHz	Remark: Peak

Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
19699.70	40.31	61.79	56.82	35.34	74.00	-38.66	Pass	Horizontal
22726.60	40.32	58.29	49.16	31.19	74.00	-42.81	Pass	Horizontal
25782.61	40.30	57.44	50.64	33.50	74.00	-40.50	Pass	Horizontal
28307.47	40.54	55.42	48.80	33.92	74.00	-40.08	Pass	Horizontal
32787.62	40.60	48.92	45.72	37.40	74.00	-36.60	Pass	Horizontal
35712.16	40.67	47.64	47.57	40.60	74.00	-33.40	Pass	Horizontal
19984.88	40.40	61.53	55.95	34.82	74.00	-39.18	Pass	Vertical
22908.80	40.37	57.98	49.01	31.40	74.00	-42.60	Pass	Vertical
24733.97	40.38	57.70	50.66	33.34	74.00	-40.66	Pass	Vertical
26897.17	40.48	56.74	51.79	35.53	74.00	-38.47	Pass	Vertical
28149.68	40.62	55.56	50.21	35.27	74.00	-38.73	Pass	Vertical
30368.15	40.34	52.88	47.53	34.99	74.00	-39.01	Pass	Vertical

Test mode: 802.11n(40M)(MCS0)	Test Frequency: 5795MHz	Remark: Peak

Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
19387.59	40.22	62.07	56.08	34.23	74.00	-39.77	Pass	Horizontal
22259.63	40.18	59.10	48.84	29.92	74.00	-44.08	Pass	Horizontal
24932.27	40.32	57.71	50.40	33.01	74.00	-40.99	Pass	Horizontal
27970.43	40.69	55.72	49.86	34.83	74.00	-39.17	Pass	Horizontal
30416.69	40.34	52.83	46.28	33.79	74.00	-40.21	Pass	Horizontal
33960.07	40.70	48.18	46.10	38.62	74.00	-35.38	Pass	Horizontal
19668.26	40.30	61.81	55.21	33.70	74.00	-40.30	Pass	Vertical
21049.55	40.10	62.10	53.30	31.30	74.00	-42.70	Pass	Vertical
23727.99	40.55	57.70	48.49	31.34	74.00	-42.66	Pass	Vertical
26875.70	40.48	56.76	50.45	34.17	74.00	-39.83	Pass	Vertical
30392.41	40.34	52.85	45.88	33.37	74.00	-40.63	Pass	Vertical
32293.93	40.60	49.66	45.16	36.10	74.00	-37.90	Pass	Vertical

802.11ac(20M) for 5150MHz ~5250 MHz, 5250MHz-5350MHz, 5470MHz-5725MHz, 5725MHz ~5850MHz

Test mode: 802.11ac(20M)(MCS0)	Test Frequency: 5180MHz	Remark: Peak

Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
19762.72	40.33	61.73	60.02	38.62	74.00	-35.38	Pass	Horizontal
22744.75	40.32	58.26	50.50	32.56	74.00	-41.44	Pass	Horizontal
24733.97	40.38	57.70	50.56	33.24	74.00	-40.76	Pass	Horizontal
26854.25	40.47	56.77	50.20	33.90	74.00	-40.10	Pass	Horizontal
28398.03	40.50	55.34	47.21	32.37	74.00	-41.63	Pass	Horizontal
33824.75	40.68	48.24	44.99	37.43	74.00	-36.57	Pass	Horizontal
20000.85	40.40	61.52	60.28	39.16	74.00	-34.84	Pass	Vertical
22927.10	40.38	57.94	50.84	33.28	74.00	-40.72	Pass	Vertical
25782.61	40.30	57.44	50.38	33.24	74.00	-40.76	Pass	Vertical
28511.63	40.44	55.24	48.41	33.61	74.00	-40.39	Pass	Vertical
32190.95	40.60	49.81	44.15	34.94	74.00	-39.06	Pass	Vertical
34424.21	40.66	47.83	46.19	39.02	74.00	-34.98	Pass	Vertical

Test mode: 802.11ac(20M)(MCS0)			Test Frequency: 5220MHz			Remark: Peak		
Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
19984.88	40.40	61.53	60.28	39.15	74.00	-34.85	Pass	Horizontal
22726.60	40.32	58.29	51.10	33.13	74.00	-40.87	Pass	Horizontal
26323.48	40.37	57.14	50.75	33.98	74.00	-40.02	Pass	Horizontal
28037.52	40.68	55.66	47.90	32.92	74.00	-41.08	Pass	Horizontal
32268.16	40.60	49.70	43.33	34.23	74.00	-39.77	Pass	Horizontal
34123.16	40.69	48.06	45.94	38.57	74.00	-35.43	Pass	Horizontal
19968.93	40.39	61.55	60.41	39.25	74.00	-34.75	Pass	Vertical
22744.75	40.32	58.26	50.16	32.22	74.00	-41.78	Pass	Vertical
25782.61	40.30	57.44	49.90	32.76	74.00	-41.24	Pass	Vertical
27970.43	40.69	55.72	47.78	32.75	74.00	-41.25	Pass	Vertical
31554.70	40.51	51.03	44.13	33.61	74.00	-40.39	Pass	Vertical
32918.79	40.60	48.73	45.71	37.58	74.00	-36.42	Pass	Vertical

Test mode: 802.11ac(20M)(MCS0)			Test Frequency: 5240MHz			Remark: Peak		
Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
19403.07	40.22	62.05	60.05	38.22	74.00	-35.78	Pass	Horizontal
22654.13	40.30	58.41	50.67	32.56	74.00	-41.44	Pass	Horizontal
26897.17	40.48	56.74	49.97	33.71	74.00	-40.29	Pass	Horizontal
30319.69	40.33	52.93	44.51	31.91	74.00	-42.09	Pass	Horizontal
31278.75	40.46	51.61	43.40	32.25	74.00	-41.75	Pass	Horizontal
34369.27	40.66	47.87	45.76	38.55	74.00	-35.45	Pass	Horizontal
20000.85	40.40	61.52	59.32	38.20	74.00	-35.80	Pass	Vertical
22726.60	40.32	58.29	51.16	33.19	74.00	-40.81	Pass	Vertical
25844.45	40.30	57.42	50.13	33.01	74.00	-40.99	Pass	Vertical
28420.71	40.49	55.32	48.75	33.92	74.00	-40.08	Pass	Vertical
31403.88	40.48	51.34	44.64	33.78	74.00	-40.22	Pass	Vertical
34451.71	40.65	47.80	46.96	39.81	74.00	-34.19	Pass	Vertical

Test mode: 802.11ac(20M)(MCS0)			Test Frequency: 5260MHz			Remark: Peak		
Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
19527.42	40.26	61.94	60.14	38.46	74.00	-35.54	Pass	Horizontal
22708.46	40.31	58.32	50.76	32.75	74.00	-41.25	Pass	Horizontal
26832.82	40.47	56.79	49.82	33.50	74.00	-40.50	Pass	Horizontal
31378.82	40.48	51.40	45.05	34.13	74.00	-39.87	Pass	Horizontal
34534.34	40.65	47.74	45.75	38.66	74.00	-35.34	Pass	Horizontal
37285.73	41.00	46.76	47.25	41.49	74.00	-32.51	Pass	Horizontal
19984.88	40.40	61.53	59.72	38.59	74.00	-35.41	Pass	Vertical
22781.11	40.34	58.19	50.62	32.77	74.00	-41.23	Pass	Vertical
26875.70	40.48	56.76	50.90	34.62	74.00	-39.38	Pass	Vertical
30343.91	40.33	52.90	45.22	32.65	74.00	-41.35	Pass	Vertical
32761.45	40.60	48.96	45.33	36.97	74.00	-37.03	Pass	Vertical
34451.71	40.65	47.80	47.04	39.89	74.00	-34.11	Pass	Vertical

Test mode: 802.11ac(20M)(MCS0)			Test Frequency: 5300MHz			Remark: Peak		
Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
19968.93	40.39	61.55	58.57	37.41	74.00	-36.59	Pass	Horizontal
22726.60	40.32	58.29	50.30	32.33	74.00	-41.67	Pass	Horizontal
25844.45	40.30	57.42	49.56	32.44	74.00	-41.56	Pass	Horizontal
26897.17	40.48	56.74	50.21	33.95	74.00	-40.05	Pass	Horizontal
31378.82	40.48	51.40	44.73	33.81	74.00	-40.19	Pass	Horizontal
34341.84	40.67	47.89	45.85	38.63	74.00	-35.37	Pass	Horizontal
19984.88	40.40	61.53	60.04	38.91	74.00	-35.09	Pass	Vertical
22726.60	40.32	58.29	50.88	32.91	74.00	-41.09	Pass	Vertical
25782.61	40.30	57.44	50.24	33.10	74.00	-40.90	Pass	Vertical
29625.65	40.26	53.85	46.89	33.30	74.00	-40.70	Pass	Vertical
33235.73	40.62	48.50	43.86	35.98	74.00	-38.02	Pass	Vertical
36056.01	40.72	47.72	47.15	40.15	74.00	-33.85	Pass	Vertical

Test mode: 802.11ac(20M)(MCS0)			Test Frequency: 5320MHz			Remark: Peak		
Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
20000.85	40.40	61.52	58.79	37.67	74.00	-36.33	Pass	Horizontal
22872.24	40.36	58.04	49.80	32.12	74.00	-41.88	Pass	Horizontal
26875.70	40.48	56.76	49.81	33.53	74.00	-40.47	Pass	Horizontal
32293.93	40.60	49.66	44.28	35.22	74.00	-38.78	Pass	Horizontal
34451.71	40.65	47.80	47.34	40.19	74.00	-33.81	Pass	Horizontal
37434.89	41.00	46.47	47.13	41.66	74.00	-32.34	Pass	Horizontal
19984.88	40.40	61.53	59.93	38.80	74.00	-35.20	Pass	Vertical
22908.80	40.37	57.98	50.27	32.66	74.00	-41.34	Pass	Vertical
26854.25	40.47	56.77	49.33	33.03	74.00	-40.97	Pass	Vertical
31378.82	40.48	51.40	45.25	34.33	74.00	-39.67	Pass	Vertical
34424.21	40.66	47.83	46.60	39.43	74.00	-34.57	Pass	Vertical
37345.33	41.00	46.64	46.41	40.77	74.00	-33.23	Pass	Vertical

Test mode: 802.11ac(20M)(MCS0)			Test Frequency: 5500MHz			Remark: Peak		
Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
20000.85	40.40	61.52	58.97	37.85	74.00	-36.15	Pass	Horizontal
23314.80	40.46	57.77	50.70	33.39	74.00	-40.61	Pass	Horizontal
26897.17	40.48	56.74	49.56	33.30	74.00	-40.70	Pass	Horizontal
31328.75	40.47	51.50	44.71	33.68	74.00	-40.32	Pass	Horizontal
34534.34	40.65	47.74	46.69	39.60	74.00	-34.40	Pass	Horizontal
36113.63	40.73	47.69	46.99	40.03	74.00	-33.97	Pass	Horizontal
20032.82	40.39	61.54	59.06	37.91	74.00	-36.09	Pass	Vertical
23765.92	40.55	57.70	49.29	32.14	74.00	-41.86	Pass	Vertical
26875.70	40.48	56.76	50.04	33.76	74.00	-40.24	Pass	Vertical
31756.92	40.55	50.60	43.02	32.97	74.00	-41.03	Pass	Vertical
34479.23	40.65	47.78	45.97	38.84	74.00	-35.16	Pass	Vertical
37464.80	41.00	46.42	48.03	42.61	74.00	-31.39	Pass	Vertical

Test mode: 802.11ac(20M)(MCS0)			Test Frequency: 5580MHz			Remark: Peak		
Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
20016.83	40.39	61.53	59.35	38.21	74.00	-35.79	Pass	Horizontal
22654.13	40.30	58.41	50.24	32.13	74.00	-41.87	Pass	Horizontal
26897.17	40.48	56.74	49.71	33.45	74.00	-40.55	Pass	Horizontal
27948.11	40.69	55.74	48.50	33.45	74.00	-40.55	Pass	Horizontal
30416.69	40.34	52.83	44.08	31.59	74.00	-42.41	Pass	Horizontal
34424.21	40.66	47.83	46.88	39.71	74.00	-34.29	Pass	Horizontal
20016.83	40.39	61.53	58.78	37.64	74.00	-36.36	Pass	Vertical
22690.33	40.31	58.35	50.39	32.35	74.00	-41.65	Pass	Vertical
25823.82	40.30	57.43	49.86	32.73	74.00	-41.27	Pass	Vertical
27970.43	40.69	55.72	47.41	32.38	74.00	-41.62	Pass	Vertical
30368.15	40.34	52.88	45.96	33.42	74.00	-40.58	Pass	Vertical
33851.77	40.69	48.23	44.95	37.41	74.00	-36.59	Pass	Vertical

Test mode: 802.11ac(20M)(MCS0)			Test Frequency: 5700MHz			Remark: Peak		
Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
20032.82	40.39	61.54	60.12	38.97	74.00	-35.03	Pass	Horizontal
22206.37	40.16	59.19	51.44	32.41	74.00	-41.59	Pass	Horizontal
24674.79	40.40	57.69	48.27	30.98	74.00	-43.02	Pass	Horizontal
26875.70	40.48	56.76	49.14	32.86	74.00	-41.14	Pass	Horizontal
30343.91	40.33	52.90	44.14	31.57	74.00	-42.43	Pass	Horizontal
34369.27	40.66	47.87	46.41	39.20	74.00	-34.80	Pass	Horizontal
20064.84	40.38	61.57	58.59	37.40	74.00	-36.60	Pass	Vertical
22908.80	40.37	57.98	49.47	31.86	74.00	-42.14	Pass	Vertical
26875.70	40.48	56.76	49.37	33.09	74.00	-40.91	Pass	Vertical
27970.43	40.69	55.72	48.32	33.29	74.00	-40.71	Pass	Vertical
31378.82	40.48	51.40	43.92	33.00	74.00	-41.00	Pass	Vertical
34506.77	40.65	47.76	46.20	39.09	74.00	-34.91	Pass	Vertical

Test mode: 802.11ac(20M)(MCS0)			Test Frequency: 5745MHz			Remark: Peak		
Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
20000.85	40.40	61.52	59.52	38.40	74.00	-35.60	Pass	Horizontal
22927.10	40.38	57.94	49.54	31.98	74.00	-42.02	Pass	Horizontal
26897.17	40.48	56.74	49.51	33.25	74.00	-40.75	Pass	Horizontal
27992.78	40.70	55.70	47.21	32.21	74.00	-41.79	Pass	Horizontal
31403.88	40.48	51.34	44.01	33.15	74.00	-40.85	Pass	Horizontal
34451.71	40.65	47.80	45.97	38.82	74.00	-35.18	Pass	Horizontal
20032.82	40.39	61.54	58.40	37.25	74.00	-36.75	Pass	Vertical
22744.75	40.32	58.26	49.83	31.89	74.00	-42.11	Pass	Vertical
25313.42	40.30	57.60	48.28	30.98	74.00	-43.02	Pass	Vertical
26854.25	40.47	56.77	49.48	33.18	74.00	-40.82	Pass	Vertical
30489.64	40.35	52.75	45.51	33.11	74.00	-40.89	Pass	Vertical
34451.71	40.65	47.80	45.47	38.32	74.00	-35.68	Pass	Vertical

Test mode: 802.11ac(20M)(MCS0)			Test Frequency: 5785MHz			Remark: Peak		
Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
20016.83	40.39	61.53	60.07	38.93	74.00	-35.07	Pass	Horizontal
23520.49	40.51	57.74	48.47	31.24	74.00	-42.76	Pass	Horizontal
26875.70	40.48	56.76	49.76	33.48	74.00	-40.52	Pass	Horizontal
30343.91	40.33	52.90	43.76	31.19	74.00	-42.81	Pass	Horizontal
32840.02	40.60	48.85	44.37	36.12	74.00	-37.88	Pass	Horizontal
34479.23	40.65	47.78	46.24	39.11	74.00	-34.89	Pass	Horizontal
20032.82	40.39	61.54	59.09	37.94	74.00	-36.06	Pass	Vertical
22781.11	40.34	58.19	49.80	31.95	74.00	-42.05	Pass	Vertical
26875.70	40.48	56.76	50.04	33.76	74.00	-40.24	Pass	Vertical
29649.32	40.27	53.81	44.72	31.18	74.00	-42.82	Pass	Vertical
33235.73	40.62	48.50	44.39	36.51	74.00	-37.49	Pass	Vertical
35712.16	40.67	47.64	46.61	39.64	74.00	-34.36	Pass	Vertical

Test mode: 802.11ac(20M)(MCS0)			Test Frequency: 5825MHz			Remark: Peak		
Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
20000.85	40.40	61.52	58.51	37.39	74.00	-36.61	Pass	Horizontal
22224.11	40.17	59.16	50.62	31.63	74.00	-42.37	Pass	Horizontal
25803.21	40.30	57.44	48.74	31.60	74.00	-42.40	Pass	Horizontal
27970.43	40.69	55.72	46.80	31.77	74.00	-42.23	Pass	Horizontal
31353.77	40.47	51.45	43.98	33.00	74.00	-41.00	Pass	Horizontal
34451.71	40.65	47.80	45.96	38.81	74.00	-35.19	Pass	Horizontal
19968.93	40.39	61.55	59.01	37.85	74.00	-36.15	Pass	Vertical
22908.80	40.37	57.98	48.89	31.28	74.00	-42.72	Pass	Vertical
26875.70	40.48	56.76	50.20	33.92	74.00	-40.08	Pass	Vertical
30489.64	40.35	52.75	43.78	31.38	74.00	-42.62	Pass	Vertical
32319.73	40.60	49.62	43.12	34.10	74.00	-39.90	Pass	Vertical
34396.73	40.66	47.85	45.65	38.46	74.00	-35.54	Pass	Vertical

802.11ac(40M) for 5150MHz ~5250 MHz, 5250MHz-5350MHz, 5470MHz-5725MHz, 5725MHz ~5850MHz

Test mode: 802.11ac(40M)(MCS0)			Test Frequency: 5190MHz			Remark: Peak		
Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
20016.83	40.39	61.53	58.03	36.89	74.00	-37.11	Pass	Horizontal
22762.92	40.33	58.23	50.73	32.83	74.00	-41.17	Pass	Horizontal
26940.16	40.49	56.71	48.87	32.65	74.00	-41.35	Pass	Horizontal
29887.02	40.29	53.45	44.26	31.10	74.00	-42.90	Pass	Horizontal
32945.09	40.60	48.69	43.42	35.33	74.00	-38.67	Pass	Horizontal
36084.81	40.73	47.70	46.12	39.15	74.00	-34.85	Pass	Horizontal
18319.00	40.30	59.63	58.94	39.61	74.00	-34.39	Pass	Vertical
20683.00	40.19	62.02	56.22	34.39	74.00	-39.61	Pass	Vertical
22890.51	40.37	58.01	49.19	31.55	74.00	-42.45	Pass	Vertical
26854.25	40.47	56.77	49.58	33.28	74.00	-40.72	Pass	Vertical
29815.51	40.28	53.56	45.29	32.01	74.00	-41.99	Pass	Vertical
34479.23	40.65	47.78	45.60	38.47	74.00	-35.53	Pass	Vertical

Test mode: 802.11ac(40M)(MCS0)			Test Frequency: 5230MHz			Remark: Peak		
Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
20032.82	40.39	61.54	58.32	37.17	74.00	-36.83	Pass	Horizontal
22726.60	40.32	58.29	49.27	31.30	74.00	-42.70	Pass	Horizontal
25782.61	40.30	57.44	48.94	31.80	74.00	-42.20	Pass	Horizontal
27948.11	40.69	55.74	47.31	32.26	74.00	-41.74	Pass	Horizontal
31378.82	40.48	51.40	42.75	31.83	74.00	-42.17	Pass	Horizontal
34369.27	40.66	47.87	46.22	39.01	74.00	-34.99	Pass	Horizontal
20000.85	40.40	61.52	57.66	36.54	74.00	-37.46	Pass	Vertical
22708.46	40.31	58.32	50.37	32.36	74.00	-41.64	Pass	Vertical
26940.16	40.49	56.71	48.73	32.51	74.00	-41.49	Pass	Vertical
29791.71	40.28	53.59	44.33	31.02	74.00	-42.98	Pass	Vertical
32242.40	40.60	49.73	43.68	34.55	74.00	-39.45	Pass	Vertical
34424.21	40.66	47.83	47.11	39.94	74.00	-34.06	Pass	Vertical

Test mode: 802.11ac(40M)(MCS0)			Test Frequency: 5270MHz			Remark: Peak		
Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
20016.83	40.39	61.53	58.13	36.99	74.00	-37.01	Pass	Horizontal
22672.22	40.30	58.38	48.95	30.87	74.00	-43.13	Pass	Horizontal
25803.21	40.30	57.44	49.50	32.36	74.00	-41.64	Pass	Horizontal
27948.11	40.69	55.74	46.31	31.26	74.00	-42.74	Pass	Horizontal
31328.75	40.47	51.50	44.50	33.47	74.00	-40.53	Pass	Horizontal
34451.71	40.65	47.80	45.49	38.34	74.00	-35.66	Pass	Horizontal
19403.07	40.22	62.05	58.83	37.00	74.00	-37.00	Pass	Vertical
22726.60	40.32	58.29	49.86	31.89	74.00	-42.11	Pass	Vertical
25803.21	40.30	57.44	49.00	31.86	74.00	-42.14	Pass	Vertical
27970.43	40.69	55.72	45.73	30.70	74.00	-43.30	Pass	Vertical
32268.16	40.60	49.70	43.59	34.49	74.00	-39.51	Pass	Vertical
34506.77	40.65	47.76	45.89	38.78	74.00	-35.22	Pass	Vertical

Test mode: 802.11ac(40M)(MCS0)			Test Frequency: 5310MHz			Remark: Peak		
Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
20000.85	40.40	61.52	57.40	36.28	74.00	-37.72	Pass	Horizontal
22726.60	40.32	58.29	48.81	30.84	74.00	-43.16	Pass	Horizontal
26918.66	40.48	56.73	49.51	33.26	74.00	-40.74	Pass	Horizontal
31378.82	40.48	51.40	43.47	32.55	74.00	-41.45	Pass	Horizontal
32761.45	40.60	48.96	43.90	35.54	74.00	-38.46	Pass	Horizontal
34396.73	40.66	47.85	46.05	38.86	74.00	-35.14	Pass	Horizontal
19434.09	40.23	62.02	58.08	36.29	74.00	-37.71	Pass	Vertical
22744.75	40.32	58.26	49.57	31.63	74.00	-42.37	Pass	Vertical
26875.70	40.48	56.76	49.46	33.18	74.00	-40.82	Pass	Vertical
29767.93	40.28	53.63	44.07	30.72	74.00	-43.28	Pass	Vertical
32268.16	40.60	49.70	43.94	34.84	74.00	-39.16	Pass	Vertical
34534.34	40.65	47.74	45.47	38.38	74.00	-35.62	Pass	Vertical

Test mode: 802.11ac(40M)(MCS0)			Test Frequency: 5510MHz			Remark: Peak		
Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
19968.93	40.39	61.55	58.02	36.86	74.00	-37.14	Pass	Horizontal
22726.60	40.32	58.29	48.66	30.69	74.00	-43.31	Pass	Horizontal
26239.54	40.35	57.20	47.76	30.91	74.00	-43.09	Pass	Horizontal
29554.77	40.26	53.95	43.40	29.71	74.00	-44.29	Pass	Horizontal
32216.67	40.60	49.77	44.07	34.90	74.00	-39.10	Pass	Horizontal
34369.27	40.66	47.87	45.09	37.88	74.00	-36.12	Pass	Horizontal
19952.99	40.39	61.56	57.89	36.72	74.00	-37.28	Pass	Vertical
23784.90	40.56	57.69	48.90	31.77	74.00	-42.23	Pass	Vertical
26832.82	40.47	56.79	48.49	32.17	74.00	-41.83	Pass	Vertical
30709.54	40.37	52.51	43.00	30.86	74.00	-43.14	Pass	Vertical
32735.30	40.60	49.00	43.59	35.19	74.00	-38.81	Pass	Vertical
34424.21	40.66	47.83	46.89	39.72	74.00	-34.28	Pass	Vertical

Test mode: 802.11ac(40M)(MCS0)			Test Frequency: 5550MHz			Remark: Peak		
Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
20016.83	40.39	61.53	57.64	36.50	74.00	-37.50	Pass	Horizontal
22927.10	40.38	57.94	48.46	30.90	74.00	-43.10	Pass	Horizontal
26854.25	40.47	56.77	49.26	32.96	74.00	-41.04	Pass	Horizontal
30636.06	40.36	52.59	43.25	31.02	74.00	-42.98	Pass	Horizontal
32892.51	40.60	48.77	43.49	35.32	74.00	-38.68	Pass	Horizontal
34424.21	40.66	47.83	46.67	39.50	74.00	-34.50	Pass	Horizontal
20016.83	40.39	61.53	57.79	36.65	74.00	-37.35	Pass	Vertical
22726.60	40.32	58.29	48.76	30.79	74.00	-43.21	Pass	Vertical
25803.21	40.30	57.44	46.75	29.61	74.00	-44.39	Pass	Vertical
27330.17	40.57	56.34	46.72	30.95	74.00	-43.05	Pass	Vertical
29554.77	40.26	53.95	43.22	29.53	74.00	-44.47	Pass	Vertical
34451.71	40.65	47.80	46.62	39.47	74.00	-34.53	Pass	Vertical

Test mode: 802.11ac(40M)(MCS0)			Test Frequency: 5670MHz			Remark: Peak		
Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
19968.93	40.39	61.55	57.46	36.30	74.00	-37.70	Pass	Horizontal
22690.33	40.31	58.35	49.71	31.67	74.00	-42.33	Pass	Horizontal
26918.66	40.48	56.73	48.77	32.52	74.00	-41.48	Pass	Horizontal
32165.26	40.60	49.85	43.96	34.71	74.00	-39.29	Pass	Horizontal
34479.23	40.65	47.78	46.25	39.12	74.00	-34.88	Pass	Horizontal
36113.63	40.73	47.69	47.26	40.30	74.00	-33.70	Pass	Horizontal
19984.88	40.40	61.53	57.00	35.87	74.00	-38.13	Pass	Vertical
19984.88	40.40	61.53	57.00	35.87	74.00	-38.13	Pass	Vertical
22781.11	40.34	58.19	48.80	30.95	74.00	-43.05	Pass	Vertical
27308.36	40.56	56.36	46.64	30.84	74.00	-43.16	Pass	Vertical
31054.77	40.41	52.08	42.88	31.21	74.00	-42.79	Pass	Vertical
34369.27	40.66	47.87	45.72	38.51	74.00	-35.49	Pass	Vertical

Test mode: 802.11ac(40M)(MCS0)			Test Frequency: 5755MHz			Remark: Peak		
Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
20032.82	40.39	61.54	57.24	36.09	74.00	-37.91	Pass	Horizontal
22708.46	40.31	58.32	49.22	31.21	74.00	-42.79	Pass	Horizontal
26875.70	40.48	56.76	49.43	33.15	74.00	-40.85	Pass	Horizontal
29720.43	40.27	53.70	43.25	29.82	74.00	-44.18	Pass	Horizontal
32242.40	40.60	49.73	43.12	33.99	74.00	-40.01	Pass	Horizontal
34451.71	40.65	47.80	46.21	39.06	74.00	-34.94	Pass	Horizontal
20000.85	40.40	61.52	57.55	36.43	74.00	-37.57	Pass	Vertical
22690.33	40.31	58.35	48.11	30.07	74.00	-43.93	Pass	Vertical
25803.21	40.30	57.44	47.66	30.52	74.00	-43.48	Pass	Vertical
27948.11	40.69	55.74	46.81	31.76	74.00	-42.24	Pass	Vertical
31529.52	40.51	51.08	43.20	32.63	74.00	-41.37	Pass	Vertical
34424.21	40.66	47.83	45.95	38.78	74.00	-35.22	Pass	Vertical

Test mode: 802.11ac(40M)(MCS0)			Test Frequency: 5795MHz			Remark: Peak		
Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
19968.93	40.39	61.55	57.33	36.17	74.00	-37.83	Pass	Horizontal
22726.60	40.32	58.29	49.25	31.28	74.00	-42.72	Pass	Horizontal
26897.17	40.48	56.74	49.05	32.79	74.00	-41.21	Pass	Horizontal
31129.25	40.43	51.92	44.24	32.75	74.00	-41.25	Pass	Horizontal
32242.40	40.60	49.73	43.60	34.47	74.00	-39.53	Pass	Horizontal
34424.21	40.66	47.83	46.34	39.17	74.00	-34.83	Pass	Horizontal
20000.85	40.40	61.52	57.15	36.03	74.00	-37.97	Pass	Vertical
22690.33	40.31	58.35	47.88	29.84	74.00	-44.16	Pass	Vertical
25741.47	40.30	57.46	47.17	30.01	74.00	-43.99	Pass	Vertical
26875.70	40.48	56.76	47.66	31.38	74.00	-42.62	Pass	Vertical
32866.26	40.60	48.81	43.74	35.53	74.00	-38.47	Pass	Vertical
35740.69	40.67	47.65	46.19	39.21	74.00	-34.79	Pass	Vertical

802.11ac(80M) for 5150MHz ~5250 MHz, 5250MHz-5350MHz, 5470MHz-5725MHz, 5725MHz ~5850MHz

Test mode: 802.11ac(80M)(MCS0)	Test Frequency: 5210MHz	Remark: Peak

Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
18348.28	40.29	59.75	58.20	38.74	74.00	-35.26	Pass	Horizontal
20016.83	40.39	61.53	56.74	35.60	74.00	-38.40	Pass	Horizontal
22726.60	40.32	58.29	48.95	30.98	74.00	-43.02	Pass	Horizontal
26897.17	40.48	56.74	47.95	31.69	74.00	-42.31	Pass	Horizontal
31554.70	40.51	51.03	42.77	32.25	74.00	-41.75	Pass	Horizontal
34534.34	40.65	47.74	45.91	38.82	74.00	-35.18	Pass	Horizontal
20000.85	40.40	61.52	57.04	35.92	74.00	-38.08	Pass	Vertical
22744.75	40.32	58.26	48.26	30.32	74.00	-43.68	Pass	Vertical
26854.25	40.47	56.77	47.78	31.48	74.00	-42.52	Pass	Vertical
31328.75	40.47	51.50	43.33	32.30	74.00	-41.70	Pass	Vertical
34451.71	40.65	47.80	46.04	38.89	74.00	-35.11	Pass	Vertical
37285.73	41.00	46.76	47.46	41.70	74.00	-32.30	Pass	Vertical

Test mode: 802.11ac(80M)(MCS0)	Test Frequency: 5290MHz	Remark: Peak

Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
19968.93	40.39	61.55	58.06	36.90	74.00	-37.10	Pass	Horizontal
22672.22	40.30	58.38	48.59	30.51	74.00	-43.49	Pass	Horizontal
26897.17	40.48	56.74	47.42	31.16	74.00	-42.84	Pass	Horizontal
31504.35	40.50	51.13	42.79	32.16	74.00	-41.84	Pass	Horizontal
34396.73	40.66	47.85	45.18	37.99	74.00	-36.01	Pass	Horizontal
37494.73	41.00	46.36	46.83	41.47	74.00	-32.53	Pass	Horizontal
20032.82	40.39	61.54	58.73	37.58	74.00	-36.42	Pass	Vertical
22672.22	40.30	58.38	49.14	31.06	74.00	-42.94	Pass	Vertical
26918.66	40.48	56.73	46.74	30.49	74.00	-43.51	Pass	Vertical
30931.03	40.39	52.27	42.57	30.69	74.00	-43.31	Pass	Vertical
33743.82	40.67	48.27	44.04	36.44	74.00	-37.56	Pass	Vertical
35655.18	40.67	47.62	47.42	40.47	74.00	-33.53	Pass	Vertical

Test mode: 802.11ac(80M)(MCS0)			Test Frequency: 5530MHz			Remark: Peak		
Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
19952.99	40.39	61.56	57.98	36.81	74.00	-37.19	Pass	Horizontal
22690.33	40.31	58.35	48.39	30.35	74.00	-43.65	Pass	Horizontal
26854.25	40.47	56.77	47.56	31.26	74.00	-42.74	Pass	Horizontal
32216.67	40.60	49.77	42.93	33.76	74.00	-40.24	Pass	Horizontal
34451.71	40.65	47.80	46.38	39.23	74.00	-34.77	Pass	Horizontal
36113.63	40.73	47.69	47.41	40.45	74.00	-33.55	Pass	Horizontal
19968.93	40.39	61.55	56.82	35.66	74.00	-38.34	Pass	Vertical
22726.60	40.32	58.29	49.19	31.22	74.00	-42.78	Pass	Vertical
26854.25	40.47	56.77	48.21	31.91	74.00	-42.09	Pass	Vertical
31403.88	40.48	51.34	43.46	32.60	74.00	-41.40	Pass	Vertical
34424.21	40.66	47.83	45.56	38.39	74.00	-35.61	Pass	Vertical
37524.68	41.00	46.30	47.37	42.07	74.00	-31.93	Pass	Vertical

Test mode: 802.11ac(80M)(MCS0)			Test Frequency: 5690MHz			Remark: Peak		
Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
18362.94	40.29	59.81	58.34	38.82	74.00	-35.18	Pass	Horizontal
20000.85	40.40	61.52	56.21	35.09	74.00	-38.91	Pass	Horizontal
22708.46	40.31	58.32	48.16	30.15	74.00	-43.85	Pass	Horizontal
26875.70	40.48	56.76	48.34	32.06	74.00	-41.94	Pass	Horizontal
32787.62	40.60	48.92	44.45	36.13	74.00	-37.87	Pass	Horizontal
34479.23	40.65	47.78	46.12	38.99	74.00	-35.01	Pass	Horizontal
20032.82	40.39	61.54	57.63	36.48	74.00	-37.52	Pass	Vertical
22708.46	40.31	58.32	48.41	30.40	74.00	-43.60	Pass	Vertical
26854.25	40.47	56.77	47.61	31.31	74.00	-42.69	Pass	Vertical
31303.74	40.46	51.56	44.55	33.45	74.00	-40.55	Pass	Vertical
35626.72	40.66	47.61	45.68	38.73	74.00	-35.27	Pass	Vertical
37315.52	41.00	46.70	47.81	42.11	74.00	-31.89	Pass	Vertical

Test mode: 802.11ac(80M)(MCS0)			Test Frequency: 5775MHz			Remark: Peak		
Frequency (MHz)	Antenna Factor (dB/m)	Preamp Gain (dB)	Read Level (dBμV)	Final test level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
19952.99	40.39	61.56	58.52	37.35	74.00	-36.65	Pass	Horizontal
22690.33	40.31	58.35	48.03	29.99	74.00	-44.01	Pass	Horizontal
26854.25	40.47	56.77	47.88	31.58	74.00	-42.42	Pass	Horizontal
32242.40	40.60	49.73	44.19	35.06	74.00	-38.94	Pass	Horizontal
34396.73	40.66	47.85	45.84	38.65	74.00	-35.35	Pass	Horizontal
38897.57	41.18	44.30	47.21	44.09	74.00	-29.91	Pass	Horizontal
18348.28	40.29	59.75	56.89	37.43	74.00	-36.57	Pass	Vertical
20000.85	40.40	61.52	56.46	35.34	74.00	-38.66	Pass	Vertical
22708.46	40.31	58.32	49.01	31.00	74.00	-43.00	Pass	Vertical
27352.00	40.57	56.32	47.07	31.32	74.00	-42.68	Pass	Vertical
34534.34	40.65	47.74	45.90	38.81	74.00	-35.19	Pass	Vertical
37554.66	41.00	46.24	46.87	41.63	74.00	-32.37	Pass	Vertical

Note:

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

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

Final Test Level =Receiver Reading - Correct Factor

Correct Factor = Preamplifier Factor– Antenna Factor–Cable Factor

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

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

Receiver Setup:

Frequency	Detector	RBW	VBW	Remark
Above 1GHz	Peak	1MHz	3MHz	Peak

Test Procedure:

a) The EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter semi-anechoic camber. The table was rotated 360 degrees to determine the position of the highest radiation.

b)The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

c) The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

d) For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.

e) The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

f) Place a marker at the end of the restricted band closest to the transmit frequency to show compliance. Also measure any emissions in the restricted bands. Save the spectrum analyzer plot. Repeat for each power and modulation for lowest and highest channel

j) Test the EUT in the lowest channel or/and the middle channel ,the Highest channel

h) The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is worse case.

i) Repeat above procedures until all frequencies measured was complete.

Limit:

Transmitter Operation Frequency(MHz)	Limit (EIRP)		Limit (dBμV/m)@3m	Measurement distance (cm)
5150-5350	-27dBm/MHz		68.2dBuV/m	3
5470-5725	-27dBm/MHz		68.2dBuV/m	3
5725-5850	Below 5725MHz	-27dBm/MHz	68.2dBuV/m	3
	5725-5735MHz	-17dBm/MHz	78.2dBuV/m	3
	5840-5850MHz	-17dBm/MHz	78.2dBuV/m	3
	Above 5850MHz	-27dBm/MHz	68.2dBuV/m	3

Note:

(i) EIRP = ((E*d)^2) / 30

where:

• E is the field strength in V/m;

• d is the measurement distance in meters;

• EIRP is the equivalent isotropically radiated power in watts.

(ii) Working in dB units, the above equation is equivalent to:

EIRP[dBm] = E[dBμV/m] + 20 log(d[meters]) - 104.77

(iii) Or, if d is 3 meters:

EIRP[dBm] = E[dBμV/m] - 95.2

Test result: PASS

Test Data:
802.11a for 5150MHz ~5250 MHz, 5250MHz-5350MHz, 5470MHz-5725MHz, 5725MHz ~5850MHz

Test mode: 802.11a(MCS0)	Test Frequency: 5180MHz	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
1362.430	30.59	2.69	34.80	45.94	44.42	68.20	-23.78	Pass	Horizontal
2990.531	33.59	5.60	34.50	44.06	48.75	68.20	-19.45	Pass	Horizontal
7829.860	36.48	7.22	34.90	39.80	48.60	68.20	-19.60	Pass	Horizontal
9232.187	37.47	8.05	35.15	39.45	49.82	68.20	-18.38	Pass	Horizontal
12326.270	39.50	8.48	34.17	37.26	51.07	68.20	-17.13	Pass	Horizontal
15221.820	40.79	9.36	33.73	35.50	51.92	68.20	-16.28	Pass	Horizontal
1362.430	30.59	2.69	34.80	45.66	44.14	68.20	-24.06	Pass	Vertical
2318.912	32.39	4.10	34.37	43.93	46.05	68.20	-22.15	Pass	Vertical
2947.623	33.52	5.52	34.49	43.58	48.13	68.20	-20.07	Pass	Vertical
8588.607	36.92	7.90	35.08	40.03	49.77	68.20	-18.43	Pass	Vertical
11204.900	39.36	7.73	34.16	37.77	50.70	68.20	-17.50	Pass	Vertical
14284.030	39.99	8.88	33.29	36.20	51.78	68.20	-16.42	Pass	Vertical

Test mode: 802.11a(MCS0)	Test Frequency: 5220MHz	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
1456.081	30.78	2.79	34.71	45.47	44.33	68.20	-23.87	Pass	Horizontal
2312.219	32.38	4.09	34.37	44.09	46.19	68.20	-22.01	Pass	Horizontal
3123.039	33.49	5.59	34.51	44.12	48.69	68.20	-19.51	Pass	Horizontal
7541.114	36.46	6.97	34.90	40.93	49.46	68.20	-18.74	Pass	Horizontal
11871.710	39.56	8.40	34.36	38.59	52.19	68.20	-16.01	Pass	Horizontal
14830.960	40.54	9.26	33.45	35.18	51.53	68.20	-16.67	Pass	Horizontal
1260.149	30.37	2.58	34.90	46.86	44.91	68.20	-23.29	Pass	Vertical
2233.396	32.22	3.88	34.35	44.17	45.92	68.20	-22.28	Pass	Vertical
3034.063	33.57	5.61	34.50	44.02	48.70	68.20	-19.50	Pass	Vertical
8688.480	36.99	7.98	35.11	40.37	50.23	68.20	-17.97	Pass	Vertical
13288.280	39.42	8.49	33.55	37.71	52.07	68.20	-16.13	Pass	Vertical
14788.150	40.49	9.23	33.44	35.34	51.62	68.20	-16.58	Pass	Vertical

Test mode: 802.11a(MCS0)	Test Frequency: 5240MHz	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
1112.872	30.01	2.41	35.06	45.74	43.10	68.20	-25.10	Pass	Horizontal
1829.582	31.44	3.11	34.42	44.27	44.40	68.20	-23.80	Pass	Horizontal
2456.913	32.66	4.44	34.40	44.04	46.74	68.20	-21.46	Pass	Horizontal
2930.633	33.49	5.48	34.49	43.61	48.09	68.20	-20.11	Pass	Horizontal
9205.540	37.44	8.07	35.16	39.81	50.16	68.20	-18.04	Pass	Horizontal
12290.700	39.51	8.49	34.19	37.40	51.21	68.20	-16.99	Pass	Horizontal
1331.288	30.53	2.66	34.83	47.17	45.53	68.20	-22.67	Pass	Vertical
2499.893	32.75	4.55	34.41	44.35	47.24	68.20	-20.96	Pass	Vertical
3261.418	33.37	5.57	34.53	44.99	49.40	68.20	-18.80	Pass	Vertical
7628.806	36.46	7.04	34.90	40.39	48.99	68.20	-19.21	Pass	Vertical
11633.930	39.49	8.16	34.29	37.56	50.92	68.20	-17.28	Pass	Vertical
12798.240	39.36	8.43	33.84	37.76	51.71	68.20	-16.49	Pass	Vertical

Test mode: 802.11a(MCS0)	Test Frequency: 5260MHz	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
1362.430	30.59	2.69	34.80	45.71	44.19	68.20	-24.01	Pass	Horizontal
3205.345	33.42	5.58	34.52	44.51	48.99	68.20	-19.21	Pass	Horizontal
8059.475	36.54	7.42	34.92	40.66	49.70	68.20	-18.50	Pass	Horizontal
11871.710	39.56	8.40	34.36	37.06	50.66	68.20	-17.54	Pass	Horizontal
13442.810	39.48	8.53	33.47	36.12	50.66	68.20	-17.54	Pass	Horizontal
15759.050	41.01	9.35	34.26	35.02	51.12	68.20	-17.08	Pass	Horizontal
1199.726	30.23	2.51	34.96	46.64	44.42	68.20	-23.78	Pass	Vertical
2071.708	31.87	3.44	34.32	45.08	46.07	68.20	-22.13	Pass	Vertical
3242.619	33.38	5.57	34.53	44.37	48.79	68.20	-19.41	Pass	Vertical
8713.630	37.01	8.01	35.12	40.24	50.14	68.20	-18.06	Pass	Vertical
12326.270	39.50	8.48	34.17	38.20	52.01	68.20	-16.19	Pass	Vertical
13288.280	39.42	8.49	33.55	37.80	52.16	68.20	-16.04	Pass	Vertical

Test mode: 802.11a(MCS0)	Test Frequency: 5300MHz	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
1667.951	31.18	2.98	34.54	45.50	45.12	68.20	-23.08	Pass	Horizontal
2863.645	33.38	5.35	34.48	43.16	47.41	68.20	-20.79	Pass	Horizontal
3087.140	33.52	5.60	34.51	44.20	48.81	68.20	-19.39	Pass	Horizontal
6756.708	36.29	6.69	34.76	42.15	50.37	68.20	-17.83	Pass	Horizontal
11172.560	39.35	7.70	34.15	38.90	51.80	68.20	-16.40	Pass	Horizontal
15090.400	40.74	9.37	33.59	35.88	52.40	68.20	-15.80	Pass	Horizontal
1023.392	29.77	2.29	35.17	47.72	44.61	68.20	-23.59	Pass	Vertical
1667.951	31.18	2.98	34.54	47.40	47.02	68.20	-21.18	Pass	Vertical
2999.187	33.60	5.62	34.50	44.16	48.88	68.20	-19.32	Pass	Vertical
9475.497	37.74	7.84	35.10	37.94	48.42	68.20	-19.78	Pass	Vertical
12326.270	39.50	8.48	34.17	37.12	50.93	68.20	-17.27	Pass	Vertical
16696.880	41.24	9.66	33.37	33.48	51.01	68.20	-17.19	Pass	Vertical

Test mode: 802.11a(MCS0)	Test Frequency: 5320MHz	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
1189.368	30.20	2.50	34.97	46.16	43.89	68.20	-24.31	Pass	Horizontal
2006.877	31.72	3.25	34.30	44.48	45.15	68.20	-23.05	Pass	Horizontal
3223.928	33.40	5.57	34.53	44.09	48.53	68.20	-19.67	Pass	Horizontal
9047.272	37.25	8.21	35.19	40.06	50.33	68.20	-17.87	Pass	Horizontal
12290.700	39.51	8.49	34.19	37.09	50.90	68.20	-17.30	Pass	Horizontal
14038.450	39.74	8.71	33.21	35.78	51.02	68.20	-17.18	Pass	Horizontal
1203.199	30.23	2.52	34.96	46.27	44.06	68.20	-24.14	Pass	Vertical
1989.550	31.68	3.22	34.31	44.64	45.23	68.20	-22.97	Pass	Vertical
2201.352	32.15	3.80	34.35	44.61	46.21	68.20	-21.99	Pass	Vertical
3087.140	33.52	5.60	34.51	43.46	48.07	68.20	-20.13	Pass	Vertical
8713.630	37.01	8.01	35.12	40.39	50.29	68.20	-17.91	Pass	Vertical
12724.470	39.38	8.44	33.89	37.66	51.59	68.20	-16.61	Pass	Vertical

Test mode: 802.11a(MCS0)	Test Frequency: 5500MHz	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
1196.264	30.22	2.51	34.97	46.71	44.47	68.20	-23.73	Pass	Horizontal
2252.846	32.26	3.93	34.36	43.28	45.11	68.20	-23.09	Pass	Horizontal
3168.500	33.45	5.59	34.52	43.79	48.31	68.20	-19.89	Pass	Horizontal
8036.214	36.53	7.39	34.91	41.11	50.12	68.20	-18.08	Pass	Horizontal
11368.000	39.41	7.90	34.21	37.85	50.95	68.20	-17.25	Pass	Horizontal
14079.080	39.78	8.74	33.22	35.83	51.13	68.20	-17.07	Pass	Horizontal
1078.046	29.92	2.37	35.10	46.46	43.65	68.20	-24.55	Pass	Vertical
1667.951	31.18	2.98	34.54	46.71	46.33	68.20	-21.87	Pass	Vertical
2595.613	32.92	4.77	34.43	45.14	48.40	68.20	-19.80	Pass	Vertical
2990.531	33.59	5.60	34.50	45.88	50.57	68.20	-17.63	Pass	Vertical
8059.475	36.54	7.42	34.92	41.56	50.60	68.20	-17.60	Pass	Vertical
12290.700	39.51	8.49	34.19	38.75	52.56	68.20	-15.64	Pass	Vertical

Test mode: 802.11a(MCS0)	Test Frequency: 5580MHz	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
1439.343	30.75	2.77	34.73	45.56	44.35	68.20	-23.85	Pass	Horizontal
2847.139	33.35	5.31	34.47	43.77	47.96	68.20	-20.24	Pass	Horizontal
3735.978	32.99	5.48	34.58	44.72	48.61	68.20	-19.59	Pass	Horizontal
8713.630	37.01	8.01	35.12	40.74	50.64	68.20	-17.56	Pass	Horizontal
13022.130	39.31	8.42	33.69	37.92	51.96	68.20	-16.24	Pass	Horizontal
15221.820	40.79	9.36	33.73	36.31	52.73	68.20	-15.47	Pass	Horizontal
1378.273	30.63	2.71	34.78	45.88	44.44	68.20	-23.76	Pass	Vertical
2393.824	32.54	4.29	34.39	44.17	46.61	68.20	-21.59	Pass	Vertical
3177.672	33.44	5.58	34.52	43.93	48.43	68.20	-19.77	Pass	Vertical
9021.160	37.22	8.23	35.20	39.74	49.99	68.20	-18.21	Pass	Vertical
12290.700	39.51	8.49	34.19	37.45	51.26	68.20	-16.94	Pass	Vertical
15090.400	40.74	9.37	33.59	35.61	52.13	68.20	-16.07	Pass	Vertical

Test mode: 802.11a(MCS0)	Test Frequency: 5700MHz	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
1206.682	30.24	2.52	34.96	46.52	44.32	68.20	-23.88	Pass	Horizontal
1856.215	31.48	3.13	34.40	44.11	44.32	68.20	-23.88	Pass	Horizontal
2332.356	32.42	4.14	34.38	44.25	46.43	68.20	-21.77	Pass	Horizontal
3801.333	32.94	5.47	34.58	44.78	48.61	68.20	-19.59	Pass	Horizontal
8738.852	37.03	8.03	35.12	39.41	49.35	68.20	-18.85	Pass	Horizontal
14242.800	39.95	8.85	33.27	36.04	51.57	68.20	-16.63	Pass	Horizontal
1382.262	30.63	2.71	34.78	45.66	44.22	68.20	-23.98	Pass	Vertical
2265.907	32.28	3.97	34.36	44.73	46.62	68.20	-21.58	Pass	Vertical
3735.978	32.99	5.48	34.58	43.89	47.78	68.20	-20.42	Pass	Vertical
9232.187	37.47	8.05	35.15	40.18	50.55	68.20	-17.65	Pass	Vertical
12290.700	39.51	8.49	34.19	38.47	52.28	68.20	-15.92	Pass	Vertical
14788.150	40.49	9.23	33.44	35.42	51.70	68.20	-16.50	Pass	Vertical

Test mode: 802.11a(MCS0)	Test Frequency: 5745MHz	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
1435.189	30.74	2.77	34.73	45.73	44.51	68.20	-23.69	Pass	Horizontal
3242.619	33.38	5.57	34.53	44.35	48.77	68.20	-19.43	Pass	Horizontal
3879.027	32.89	5.46	34.59	42.94	46.70	68.20	-21.50	Pass	Horizontal
9205.540	37.44	8.07	35.16	40.40	50.75	68.20	-17.45	Pass	Horizontal
12835.290	39.35	8.43	33.81	37.11	51.08	68.20	-17.12	Pass	Horizontal
14916.940	40.62	9.31	33.48	34.39	50.84	68.20	-17.36	Pass	Horizontal
1378.273	30.63	2.71	34.78	45.52	44.08	68.20	-24.12	Pass	Vertical
1938.463	31.61	3.19	34.34	44.60	45.06	68.20	-23.14	Pass	Vertical
2922.174	33.48	5.47	34.49	44.13	48.59	68.20	-19.61	Pass	Vertical
9866.789	38.16	7.52	35.03	39.98	50.63	68.20	-17.57	Pass	Vertical
12290.700	39.51	8.49	34.19	38.62	52.43	68.20	-15.77	Pass	Vertical
13442.810	39.48	8.53	33.47	36.63	51.17	68.20	-17.03	Pass	Vertical

Test mode: 802.11a(MCS0)	Test Frequency: 5785MHz	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
1667.951	31.18	2.98	34.54	45.78	45.40	68.20	-22.80	Pass	Horizontal
1995.309	31.69	3.23	34.30	44.70	45.32	68.20	-22.88	Pass	Horizontal
2485.483	32.72	4.51	34.41	45.11	47.93	68.20	-20.27	Pass	Horizontal
3060.486	33.54	5.61	34.51	43.64	48.28	68.20	-19.92	Pass	Horizontal
9475.497	37.74	7.84	35.10	41.19	51.67	68.20	-16.53	Pass	Horizontal
15090.400	40.74	9.37	33.59	35.20	51.72	68.20	-16.48	Pass	Horizontal
1451.878	30.78	2.78	34.72	45.89	44.73	68.20	-23.47	Pass	Vertical
3242.619	33.38	5.57	34.53	44.23	48.65	68.20	-19.55	Pass	Vertical
3912.809	32.86	5.45	34.59	42.84	46.56	68.20	-21.64	Pass	Vertical
8917.462	37.15	8.18	35.18	41.23	51.38	68.20	-16.82	Pass	Vertical
13717.560	39.59	8.61	33.34	37.38	52.24	68.20	-15.96	Pass	Vertical
14916.940	40.62	9.31	33.48	35.28	51.73	68.20	-16.47	Pass	Vertical

Test mode: 802.11a(MCS0)	Test Frequency: 5825MHz	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
1439.343	30.75	2.77	34.73	46.18	44.97	68.20	-23.23	Pass	Horizontal
1989.550	31.68	3.22	34.31	44.90	45.49	68.20	-22.71	Pass	Horizontal
3025.306	33.58	5.61	34.50	43.23	47.92	68.20	-20.28	Pass	Horizontal
9232.187	37.47	8.05	35.15	39.78	50.15	68.20	-18.05	Pass	Horizontal
12326.270	39.50	8.48	34.17	38.34	52.15	68.20	-16.05	Pass	Horizontal
14916.940	40.62	9.31	33.48	36.27	52.72	68.20	-15.48	Pass	Horizontal
1327.446	30.52	2.66	34.83	46.60	44.95	68.20	-23.25	Pass	Vertical
3233.260	33.39	5.57	34.53	43.93	48.36	68.20	-19.84	Pass	Vertical
3746.792	32.98	5.48	34.58	44.34	48.22	68.20	-19.98	Pass	Vertical
8295.823	36.72	7.63	34.99	40.18	49.54	68.20	-18.66	Pass	Vertical
12909.700	39.33	8.42	33.76	37.48	51.47	68.20	-16.73	Pass	Vertical
14788.150	40.49	9.23	33.44	36.26	52.54	68.20	-15.66	Pass	Vertical

802.11n(20M) for 5150MHz ~5250 MHz, 5250MHz-5350MHz, 5470MHz-5725MHz, 5725MHz ~5850MHz

Test mode: 802.11n(20M)(MCS0)	Test Frequency: 5180MHz	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
1451.878	30.78	2.78	34.72	48.31	47.15	68.20	-21.05	Pass	Horizontal
2233.396	32.22	3.88	34.35	44.75	46.50	68.20	-21.70	Pass	Horizontal
3261.418	33.37	5.57	34.53	45.28	49.69	68.20	-18.51	Pass	Horizontal
8489.882	36.85	7.81	35.05	40.56	50.17	68.20	-18.03	Pass	Horizontal
11701.380	39.51	8.23	34.31	38.25	51.68	68.20	-16.52	Pass	Horizontal
13717.560	39.59	8.61	33.34	35.77	50.63	68.20	-17.57	Pass	Horizontal
1274.802	30.40	2.60	34.88	46.23	44.35	68.20	-23.85	Pass	Vertical
2246.344	32.24	3.91	34.36	44.49	46.28	68.20	-21.92	Pass	Vertical
3034.063	33.57	5.61	34.50	44.62	49.30	68.20	-18.90	Pass	Vertical
3725.195	33.00	5.48	34.58	44.66	48.56	68.20	-19.64	Pass	Vertical
8588.607	36.92	7.90	35.08	40.55	50.29	68.20	-17.91	Pass	Vertical
14660.480	40.37	9.14	33.40	35.26	51.37	68.20	-16.83	Pass	Vertical

Test mode: 802.11n(20M)(MCS0)	Test Frequency: 5220MHz	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
1062.578	29.88	2.34	35.12	50.78	47.88	68.20	-20.32	Pass	Horizontal
1451.878	30.78	2.78	34.72	47.40	46.24	68.20	-21.96	Pass	Horizontal
2558.371	32.85	4.68	34.42	46.77	49.88	68.20	-18.32	Pass	Horizontal
3280.326	33.35	5.56	34.53	45.00	49.38	68.20	-18.82	Pass	Horizontal
8514.456	36.87	7.83	35.06	41.60	51.24	68.20	-16.96	Pass	Horizontal
12290.700	39.51	8.49	34.19	38.03	51.84	68.20	-16.36	Pass	Horizontal
1059.511	29.87	2.34	35.12	50.87	47.96	68.20	-20.24	Pass	Vertical
1447.688	30.77	2.78	34.72	47.73	46.56	68.20	-21.64	Pass	Vertical
3096.075	33.51	5.60	34.51	44.42	49.02	68.20	-19.18	Pass	Vertical
8013.020	36.51	7.37	34.90	40.49	49.47	68.20	-18.73	Pass	Vertical
11975.100	39.59	8.50	34.39	37.63	51.33	68.20	-16.87	Pass	Vertical
14242.800	39.95	8.85	33.27	35.87	51.40	68.20	-16.80	Pass	Vertical

Test mode: 802.11n(20M)(MCS0)	Test Frequency: 5240MHz	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
1062.578	29.88	2.34	35.12	51.12	48.22	68.20	-19.98	Pass	Horizontal
1921.727	31.58	3.17	34.35	45.03	45.43	68.20	-22.77	Pass	Horizontal
3205.345	33.42	5.58	34.52	44.65	49.13	68.20	-19.07	Pass	Horizontal
8082.804	36.56	7.44	34.93	40.78	49.85	68.20	-18.35	Pass	Horizontal
12947.070	39.32	8.42	33.74	36.63	50.63	68.20	-17.57	Pass	Horizontal
16696.880	41.24	9.66	33.37	34.48	52.01	68.20	-16.19	Pass	Horizontal
1062.578	29.88	2.34	35.12	49.58	46.68	68.20	-21.52	Pass	Vertical
1451.878	30.78	2.78	34.72	47.05	45.89	68.20	-22.31	Pass	Vertical
3233.260	33.39	5.57	34.53	44.80	49.23	68.20	-18.97	Pass	Vertical
8059.475	36.54	7.42	34.92	41.11	50.15	68.20	-18.05	Pass	Vertical
11975.100	39.59	8.50	34.39	37.47	51.17	68.20	-17.03	Pass	Vertical
14660.480	40.37	9.14	33.40	35.39	51.50	68.20	-16.70	Pass	Vertical

Test mode: 802.11n(20M)(MCS0)	Test Frequency: 5260MHz	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
1059.511	29.87	2.34	35.12	50.53	47.62	68.20	-20.58	Pass	Horizontal
2442.751	32.64	4.41	34.40	44.24	46.89	68.20	-21.31	Pass	Horizontal
3270.858	33.36	5.57	34.53	44.60	49.00	68.20	-19.20	Pass	Horizontal
3693.033	33.02	5.49	34.57	44.81	48.75	68.20	-19.45	Pass	Horizontal
9558.018	37.83	7.77	35.09	39.67	50.18	68.20	-18.02	Pass	Horizontal
12469.610	39.46	8.47	34.06	37.64	51.51	68.20	-16.69	Pass	Horizontal
1485.841	30.84	2.81	34.69	48.15	47.11	68.20	-21.09	Pass	Vertical
3016.575	33.58	5.62	34.50	44.91	49.61	68.20	-18.59	Pass	Vertical
3252.005	33.38	5.57	34.53	44.63	49.05	68.20	-19.15	Pass	Vertical
7966.832	36.50	7.33	34.90	41.18	50.11	68.20	-18.09	Pass	Vertical
11975.100	39.59	8.50	34.39	38.27	51.97	68.20	-16.23	Pass	Vertical
13249.930	39.40	8.48	33.57	36.84	51.15	68.20	-17.05	Pass	Vertical

Test mode: 802.11n(20M)(MCS0)	Test Frequency: 5300MHz	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
1062.578	29.88	2.34	35.12	50.01	47.11	68.20	-21.09	Pass	Horizontal
1597.181	31.05	2.92	34.59	47.34	46.72	68.20	-21.48	Pass	Horizontal
3242.619	33.38	5.57	34.53	44.54	48.96	68.20	-19.24	Pass	Horizontal
7390.070	36.44	6.83	34.90	41.87	50.24	68.20	-17.96	Pass	Horizontal
11975.100	39.59	8.50	34.39	37.69	51.39	68.20	-16.81	Pass	Horizontal
14830.960	40.54	9.26	33.45	35.21	51.56	68.20	-16.64	Pass	Horizontal
1062.578	29.88	2.34	35.12	50.71	47.81	68.20	-20.39	Pass	Vertical
1762.112	31.33	3.05	34.46	45.03	44.95	68.20	-23.25	Pass	Vertical
2492.677	32.73	4.53	34.41	45.35	48.20	68.20	-20.00	Pass	Vertical
3177.672	33.44	5.58	34.52	44.45	48.95	68.20	-19.25	Pass	Vertical
10423.800	38.74	7.46	34.61	38.28	49.87	68.20	-18.33	Pass	Vertical
13677.970	39.57	8.60	33.36	36.47	51.28	68.20	-16.92	Pass	Vertical

Test mode: 802.11n(20M)(MCS0)	Test Frequency: 5320MHz	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
1062.578	29.88	2.34	35.12	50.81	47.91	68.20	-20.29	Pass	Horizontal
2151.034	32.04	3.66	34.34	45.08	46.44	68.20	-21.76	Pass	Horizontal
3746.792	32.98	5.48	34.58	44.55	48.43	68.20	-19.77	Pass	Horizontal
10068.450	38.37	7.42	34.94	40.48	51.33	68.20	-16.87	Pass	Horizontal
11500.200	39.45	8.03	34.25	39.04	52.27	68.20	-15.93	Pass	Horizontal
14284.030	39.99	8.88	33.29	36.51	52.09	68.20	-16.11	Pass	Horizontal
1062.578	29.88	2.34	35.12	49.20	46.30	68.20	-21.90	Pass	Vertical
1451.878	30.78	2.78	34.72	47.67	46.51	68.20	-21.69	Pass	Vertical
3214.623	33.41	5.58	34.52	45.08	49.55	68.20	-18.65	Pass	Vertical
8059.475	36.54	7.42	34.92	41.67	50.71	68.20	-17.49	Pass	Vertical
9809.916	38.10	7.56	35.04	40.79	51.41	68.20	-16.79	Pass	Vertical
13677.970	39.57	8.60	33.36	37.40	52.21	68.20	-15.99	Pass	Vertical

Test mode: 802.11n(20M)(MCS0)	Test Frequency: 5500MHz	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
1062.578	29.88	2.34	35.12	50.65	47.75	68.20	-20.45	Pass	Horizontal
2565.777	32.87	4.70	34.42	44.29	47.44	68.20	-20.76	Pass	Horizontal
3318.471	33.32	5.56	34.54	44.44	48.78	68.20	-19.42	Pass	Horizontal
8036.214	36.53	7.39	34.91	41.52	50.53	68.20	-17.67	Pass	Horizontal
10575.540	38.89	7.47	34.47	38.29	50.18	68.20	-18.02	Pass	Horizontal
13677.970	39.57	8.60	33.36	36.31	51.12	68.20	-17.08	Pass	Horizontal
1062.578	29.88	2.34	35.12	49.39	46.49	68.20	-21.71	Pass	Vertical
1757.026	31.33	3.05	34.47	45.66	45.57	68.20	-22.63	Pass	Vertical
2855.380	33.37	5.33	34.48	45.04	49.26	68.20	-18.94	Pass	Vertical
3168.500	33.45	5.59	34.52	44.72	49.24	68.20	-18.96	Pass	Vertical
7875.254	36.49	7.26	34.90	42.33	51.18	68.20	-17.02	Pass	Vertical
14119.830	39.82	8.77	33.24	37.11	52.46	68.20	-15.74	Pass	Vertical

Test mode: 802.11n(20M)(MCS0)	Test Frequency: 5550MHz	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
1059.511	29.87	2.34	35.12	51.01	48.10	68.20	-20.10	Pass	Horizontal
1706.968	31.24	3.01	34.51	48.13	47.87	68.20	-20.33	Pass	Horizontal
3105.037	33.50	5.60	34.51	44.41	49.00	68.20	-19.20	Pass	Horizontal
8688.480	36.99	7.98	35.11	40.73	50.59	68.20	-17.61	Pass	Horizontal
11940.540	39.58	8.46	34.38	37.44	51.10	68.20	-17.10	Pass	Horizontal
13677.970	39.57	8.60	33.36	36.65	51.46	68.20	-16.74	Pass	Horizontal
1062.578	29.88	2.34	35.12	50.59	47.69	68.20	-20.51	Pass	Vertical
1667.951	31.18	2.98	34.54	45.45	45.07	68.20	-23.13	Pass	Vertical
3096.075	33.51	5.60	34.51	44.95	49.55	68.20	-18.65	Pass	Vertical
8082.804	36.56	7.44	34.93	40.46	49.53	68.20	-18.67	Pass	Vertical
12149.420	39.55	8.50	34.29	37.55	51.31	68.20	-16.89	Pass	Vertical
14119.830	39.82	8.77	33.24	36.22	51.57	68.20	-16.63	Pass	Vertical

Test mode: 802.11n(20M)(MCS0)	Test Frequency: 5700MHz	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
1062.578	29.88	2.34	35.12	50.43	47.53	68.20	-20.67	Pass	Horizontal
2990.531	33.59	5.60	34.50	44.11	48.80	68.20	-19.40	Pass	Horizontal
3801.333	32.94	5.47	34.58	46.62	50.45	68.20	-17.75	Pass	Horizontal
8465.379	36.84	7.79	35.04	41.64	51.23	68.20	-16.97	Pass	Horizontal
13249.930	39.40	8.48	33.57	36.67	50.98	68.20	-17.22	Pass	Horizontal
15310.070	40.83	9.36	33.82	35.17	51.54	68.20	-16.66	Pass	Horizontal
1062.578	29.88	2.34	35.12	50.04	47.14	68.20	-21.06	Pass	Vertical
2855.380	33.37	5.33	34.48	44.41	48.63	68.20	-19.57	Pass	Vertical
3261.418	33.37	5.57	34.53	44.76	49.17	68.20	-19.03	Pass	Vertical
3801.333	32.94	5.47	34.58	45.32	49.15	68.20	-19.05	Pass	Vertical
8663.404	36.97	7.96	35.10	41.44	51.27	68.20	-16.93	Pass	Vertical
14242.800	39.95	8.85	33.27	35.30	50.83	68.20	-17.37	Pass	Vertical

Test mode: 802.11n(20M)(MCS0)	Test Frequency: 5745MHz	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
1062.578	29.88	2.34	35.12	50.93	48.03	68.20	-20.17	Pass	Horizontal
1592.571	31.04	2.91	34.60	47.10	46.45	68.20	-21.75	Pass	Horizontal
3105.037	33.50	5.60	34.51	45.06	49.65	68.20	-18.55	Pass	Horizontal
3693.033	33.02	5.49	34.57	46.62	50.56	68.20	-17.64	Pass	Horizontal
9285.710	37.53	8.00	35.14	40.00	50.39	68.20	-17.81	Pass	Horizontal
13677.970	39.57	8.60	33.36	36.44	51.25	68.20	-16.95	Pass	Horizontal
1059.511	29.87	2.34	35.12	50.48	47.57	68.20	-20.63	Pass	Vertical
1451.878	30.78	2.78	34.72	48.68	47.52	68.20	-20.68	Pass	Vertical
3060.486	33.54	5.61	34.51	44.29	48.93	68.20	-19.27	Pass	Vertical
7943.838	36.49	7.31	34.90	42.69	51.59	68.20	-16.61	Pass	Vertical
12326.270	39.50	8.48	34.17	37.21	51.02	68.20	-17.18	Pass	Vertical
15177.890	40.77	9.36	33.68	35.14	51.59	68.20	-16.61	Pass	Vertical

Test mode: 802.11n(20M)(MCS0)	Test Frequency: 5785MHz	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
1062.578	29.88	2.34	35.12	51.01	48.11	68.20	-20.09	Pass	Horizontal
1451.878	30.78	2.78	34.72	46.91	45.75	68.20	-22.45	Pass	Horizontal
3159.355	33.46	5.59	34.52	44.79	49.32	68.20	-18.88	Pass	Horizontal
7943.838	36.49	7.31	34.90	41.26	50.16	68.20	-18.04	Pass	Horizontal
9558.018	37.83	7.77	35.09	40.16	50.67	68.20	-17.53	Pass	Horizontal
13677.970	39.57	8.60	33.36	36.44	51.25	68.20	-16.95	Pass	Horizontal
1109.660	30.00	2.41	35.06	52.09	49.44	68.20	-18.76	Pass	Vertical
1989.550	31.68	3.22	34.31	45.43	46.02	68.20	-22.18	Pass	Vertical
3186.869	33.43	5.58	34.52	45.20	49.69	68.20	-18.51	Pass	Vertical
3856.668	32.90	5.46	34.59	44.67	48.44	68.20	-19.76	Pass	Vertical
10917.180	39.22	7.51	34.17	38.75	51.31	68.20	-16.89	Pass	Vertical
13599.130	39.54	8.57	33.40	36.39	51.10	68.20	-17.10	Pass	Vertical

Test mode: 802.11n(20M)(MCS0)	Test Frequency: 5825MHz	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
1062.578	29.88	2.34	35.12	50.06	47.16	68.20	-21.04	Pass	Horizontal
1667.951	31.18	2.98	34.54	45.49	45.11	68.20	-23.09	Pass	Horizontal
3016.575	33.58	5.62	34.50	44.07	48.77	68.20	-19.43	Pass	Horizontal
8465.379	36.84	7.79	35.04	42.24	51.83	68.20	-16.37	Pass	Horizontal
11940.540	39.58	8.46	34.38	38.62	52.28	68.20	-15.92	Pass	Horizontal
14660.480	40.37	9.14	33.40	35.59	51.70	68.20	-16.50	Pass	Horizontal
1059.511	29.87	2.34	35.12	50.99	48.08	68.20	-20.12	Pass	Vertical
1845.516	31.47	3.12	34.40	44.87	45.06	68.20	-23.14	Pass	Vertical
2990.531	33.59	5.60	34.50	44.21	48.90	68.20	-19.30	Pass	Vertical
10068.450	38.37	7.42	34.94	39.73	50.58	68.20	-17.62	Pass	Vertical
13677.970	39.57	8.60	33.36	36.24	51.05	68.20	-17.15	Pass	Vertical
15177.890	40.77	9.36	33.68	35.44	51.89	68.20	-16.31	Pass	Vertical

802.11n(40M) for 5150MHz ~5250 MHz, 5250MHz-5350MHz, 5470MHz-5725MHz, 5725MHz ~5850MHz

Test mode: 802.11n(40M)(MCS0)	Test Frequency: 5190MHz	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
1062.578	29.88	2.34	35.12	51.16	48.26	68.20	-19.94	Pass	Horizontal
2132.462	32.00	3.61	34.33	45.90	47.18	68.20	-21.02	Pass	Horizontal
3270.858	33.36	5.57	34.53	45.23	49.63	68.20	-18.57	Pass	Horizontal
9073.460	37.28	8.19	35.18	39.88	50.17	68.20	-18.03	Pass	Horizontal
12184.580	39.54	8.50	34.27	37.25	51.02	68.20	-17.18	Pass	Horizontal
14408.430	40.12	8.97	33.33	36.12	51.88	68.20	-16.32	Pass	Horizontal
1062.578	29.88	2.34	35.12	49.26	46.36	68.20	-21.84	Pass	Vertical
1451.878	30.78	2.78	34.72	48.14	46.98	68.20	-21.22	Pass	Vertical
3150.237	33.46	5.59	34.52	44.25	48.78	68.20	-19.42	Pass	Vertical
7943.838	36.49	7.31	34.90	41.76	50.66	68.20	-17.54	Pass	Vertical
12219.85	39.53	8.50	34.24	37.64	51.43	68.20	-16.77	Pass	Vertical
14284.03	39.99	8.88	33.29	37.08	52.66	68.20	-15.54	Pass	Vertical

Test mode: 802.11n(40M)(MCS0)	Test Frequency: 5230MHz	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
1062.578	29.88	2.34	35.12	51.41	48.51	68.20	-19.69	Pass	Horizontal
1767.212	31.34	3.06	34.46	45.00	44.94	68.20	-23.26	Pass	Horizontal
2679.464	33.07	4.95	34.44	44.08	47.66	68.20	-20.54	Pass	Horizontal
3150.237	33.46	5.59	34.52	44.40	48.93	68.20	-19.27	Pass	Horizontal
8638.399	36.96	7.94	35.10	40.82	50.62	68.20	-17.58	Pass	Horizontal
12947.070	39.32	8.42	33.74	36.95	50.95	68.20	-17.25	Pass	Horizontal
1062.578	29.88	2.34	35.12	49.80	46.90	68.20	-21.30	Pass	Vertical
1451.878	30.78	2.78	34.72	47.17	46.01	68.20	-22.19	Pass	Vertical
3051.653	33.55	5.61	34.51	44.43	49.08	68.20	-19.12	Pass	Vertical
8129.664	36.60	7.48	34.94	40.85	49.99	68.20	-18.21	Pass	Vertical
12290.700	39.51	8.49	34.19	37.87	51.68	68.20	-16.52	Pass	Vertical
14119.830	39.82	8.77	33.24	37.09	52.44	68.20	-15.76	Pass	Vertical

Test mode: 802.11n(40M)(MCS0)	Test Frequency: 5270MHz	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
1059.511	29.87	2.34	35.12	51.77	48.86	68.20	-19.34	Pass	Horizontal
3205.345	33.42	5.58	34.52	44.39	48.87	68.20	-19.33	Pass	Horizontal
3693.033	33.02	5.49	34.57	44.98	48.92	68.20	-19.28	Pass	Horizontal
8514.456	36.87	7.83	35.06	39.60	49.24	68.20	-18.96	Pass	Horizontal
11871.710	39.56	8.40	34.36	37.47	51.07	68.20	-17.13	Pass	Horizontal
13677.970	39.57	8.60	33.36	37.00	51.81	68.20	-16.39	Pass	Horizontal
1065.653	29.88	2.35	35.12	49.96	47.07	68.20	-21.13	Pass	Vertical
2393.824	32.54	4.29	34.39	44.10	46.54	68.20	-21.66	Pass	Vertical
3289.821	33.34	5.56	34.53	44.71	49.08	68.20	-19.12	Pass	Vertical
8036.214	36.53	7.39	34.91	41.33	50.34	68.20	-17.86	Pass	Vertical
11769.210	39.53	8.30	34.33	39.21	52.71	68.20	-15.49	Pass	Vertical
13757.270	39.61	8.62	33.32	36.52	51.43	68.20	-16.77	Pass	Vertical

Test mode: 802.11n(40M)(MCS0)	Test Frequency: 5310MHz	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
1308.399	30.48	2.64	34.85	45.20	43.47	68.20	-24.73	Pass	Horizontal
2694.998	33.10	4.99	34.45	43.65	47.29	68.20	-20.91	Pass	Horizontal
3159.355	33.46	5.59	34.52	44.16	48.69	68.20	-19.51	Pass	Horizontal
8013.020	36.51	7.37	34.90	41.00	49.98	68.20	-18.22	Pass	Horizontal
9232.187	37.47	8.05	35.15	41.02	51.39	68.20	-16.81	Pass	Horizontal
14873.890	40.58	9.29	33.46	36.09	52.50	68.20	-15.70	Pass	Horizontal
1220.714	30.28	2.54	34.94	46.55	44.43	68.20	-23.77	Pass	Vertical
2318.912	32.39	4.10	34.37	44.60	46.72	68.20	-21.48	Pass	Vertical
3233.260	33.39	5.57	34.53	44.73	49.16	68.20	-19.04	Pass	Vertical
3901.516	32.87	5.46	34.59	44.87	48.61	68.20	-19.59	Pass	Vertical
9312.588	37.56	7.98	35.14	40.97	51.37	68.20	-16.83	Pass	Vertical
12009.760	39.60	8.52	34.39	38.09	51.82	68.20	-16.38	Pass	Vertical

Test mode: 802.11n(40M)(MCS0)	Test Frequency: 5510MHz	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
1451.878	30.78	2.78	34.72	46.97	45.81	68.20	-22.39	Pass	Horizontal
2132.462	32.00	3.61	34.33	45.14	46.42	68.20	-21.78	Pass	Horizontal
3242.619	33.38	5.57	34.53	44.52	48.94	68.20	-19.26	Pass	Horizontal
8465.379	36.84	7.79	35.04	40.82	50.41	68.20	-17.79	Pass	Horizontal
11600.350	39.48	8.13	34.28	36.78	50.11	68.20	-18.09	Pass	Horizontal
13677.970	39.57	8.60	33.36	36.60	51.41	68.20	-16.79	Pass	Horizontal
1062.578	29.88	2.34	35.12	49.95	47.05	68.20	-21.15	Pass	Vertical
1394.300	30.66	2.73	34.77	47.15	45.77	68.20	-22.43	Pass	Vertical
2386.915	32.53	4.27	34.39	44.59	47.00	68.20	-21.20	Pass	Vertical
3087.140	33.52	5.60	34.51	44.29	48.90	68.20	-19.30	Pass	Vertical
9448.149	37.71	7.86	35.11	40.54	51.00	68.20	-17.20	Pass	Vertical
14830.960	40.54	9.26	33.45	35.17	51.52	68.20	-16.68	Pass	Vertical

Test mode: 802.11n(40M)(MCS0)	Test Frequency: 5550MHz	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
1059.511	29.87	2.34	35.12	51.01	48.10	68.20	-20.10	Pass	Horizontal
1706.968	31.24	3.01	34.51	48.13	47.87	68.20	-20.33	Pass	Horizontal
3105.037	33.50	5.60	34.51	44.41	49.00	68.20	-19.20	Pass	Horizontal
8688.480	36.99	7.98	35.11	40.73	50.59	68.20	-17.61	Pass	Horizontal
11940.540	39.58	8.46	34.38	37.44	51.10	68.20	-17.10	Pass	Horizontal
13677.970	39.57	8.60	33.36	36.65	51.46	68.20	-16.74	Pass	Horizontal
1062.578	29.88	2.34	35.12	50.59	47.69	68.20	-20.51	Pass	Vertical
1667.951	31.18	2.98	34.54	45.45	45.07	68.20	-23.13	Pass	Vertical
3096.075	33.51	5.60	34.51	44.95	49.55	68.20	-18.65	Pass	Vertical
8082.804	36.56	7.44	34.93	40.46	49.53	68.20	-18.67	Pass	Vertical
12149.420	39.55	8.50	34.29	37.55	51.31	68.20	-16.89	Pass	Vertical
14119.830	39.82	8.77	33.24	36.22	51.57	68.20	-16.63	Pass	Vertical

Test mode: 802.11n(40M)(MCS0)	Test Frequency: 5670MHz	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
1203.199	30.23	2.52	34.96	45.82	43.61	68.20	-24.59	Pass	Horizontal
2456.913	32.66	4.44	34.40	44.41	47.11	68.20	-21.09	Pass	Horizontal
3214.623	33.41	5.58	34.52	44.41	48.88	68.20	-19.32	Pass	Horizontal
7989.893	36.50	7.35	34.90	41.40	50.35	68.20	-17.85	Pass	Horizontal
9669.164	37.95	7.68	35.06	40.13	50.70	68.20	-17.50	Pass	Horizontal
13677.970	39.57	8.60	33.36	37.82	52.63	68.20	-15.57	Pass	Horizontal
1485.841	30.84	2.81	34.69	47.08	46.04	68.20	-22.16	Pass	Vertical
2922.174	33.48	5.47	34.49	44.84	49.30	68.20	-18.90	Pass	Vertical
3608.619	33.09	5.50	34.56	44.19	48.22	68.20	-19.98	Pass	Vertical
8613.468	36.94	7.92	35.09	41.12	50.89	68.20	-17.31	Pass	Vertical
10854.250	39.16	7.50	34.23	38.40	50.83	68.20	-17.37	Pass	Vertical
15177.890	40.77	9.36	33.68	35.18	51.63	68.20	-16.57	Pass	Vertical

Test mode: 802.11n(40M)(MCS0)	Test Frequency: 5755MHz	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
1256.512	30.36	2.58	34.90	46.79	44.83	68.20	-23.37	Pass	Horizontal
2233.396	32.22	3.88	34.35	44.80	46.55	68.20	-21.65	Pass	Horizontal
3060.486	33.54	5.61	34.51	44.79	49.43	68.20	-18.77	Pass	Horizontal
8943.274	37.16	8.20	35.18	40.84	51.02	68.20	-17.18	Pass	Horizontal
14284.030	39.99	8.88	33.29	36.70	52.28	68.20	-15.92	Pass	Horizontal
16268.140	41.15	9.47	34.06	36.00	52.56	68.20	-15.64	Pass	Horizontal
1165.546	30.14	2.47	35.00	49.63	47.24	68.20	-20.96	Pass	Vertical
2550.987	32.84	4.66	34.42	43.84	46.92	68.20	-21.28	Pass	Vertical
2855.380	33.37	5.33	34.48	44.47	48.69	68.20	-19.51	Pass	Vertical
9126.063	37.35	8.14	35.17	41.23	51.55	68.20	-16.65	Pass	Vertical
13249.930	39.40	8.48	33.57	37.84	52.15	68.20	-16.05	Pass	Vertical
15713.560	40.99	9.35	34.22	36.27	52.39	68.20	-15.81	Pass	Vertical

Test mode: 802.11n(40M)(MCS0)	Test Frequency: 5795MHz	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
1185.936	30.19	2.50	34.98	48.15	45.86	68.20	-22.34	Pass	Horizontal
2318.912	32.39	4.10	34.37	43.74	45.86	68.20	-22.34	Pass	Horizontal
3308.894	33.33	5.56	34.53	44.52	48.88	68.20	-19.32	Pass	Horizontal
8059.475	36.54	7.42	34.92	42.57	51.61	68.20	-16.59	Pass	Horizontal
9725.221	38.01	7.63	35.05	41.48	52.07	68.20	-16.13	Pass	Horizontal
14916.940	40.62	9.31	33.48	35.28	51.73	68.20	-16.47	Pass	Horizontal
1238.483	30.32	2.56	34.92	45.65	43.61	68.20	-24.59	Pass	Vertical
2071.708	31.87	3.44	34.32	44.44	45.43	68.20	-22.77	Pass	Vertical
2913.740	33.46	5.45	34.49	44.27	48.69	68.20	-19.51	Pass	Vertical
8638.399	36.96	7.94	35.10	41.08	50.88	68.20	-17.32	Pass	Vertical
13677.970	39.57	8.60	33.36	37.85	52.66	68.20	-15.54	Pass	Vertical
14916.940	40.62	9.31	33.48	36.18	52.63	68.20	-15.57	Pass	Vertical

802.11ac(20M) for 5150MHz ~5250 MHz, 5250MHz-5350MHz, 5470MHz-5725MHz, 5725MHz ~5850MHz

Test mode: 802.11ac(20M)(MCS0)	Test Frequency: 5180MHz	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
1199.726	30.23	2.51	34.96	46.78	44.56	68.20	-23.64	Pass	Horizontal
2053.822	31.82	3.39	34.31	45.32	46.22	68.20	-21.98	Pass	Horizontal
2830.728	33.33	5.28	34.47	44.26	48.40	68.20	-19.80	Pass	Horizontal
9021.160	37.22	8.23	35.20	38.87	49.12	68.20	-19.08	Pass	Horizontal
12290.700	39.51	8.49	34.19	37.01	50.82	68.20	-17.38	Pass	Horizontal
13677.970	39.57	8.60	33.36	36.92	51.73	68.20	-16.47	Pass	Horizontal
1456.081	30.78	2.79	34.71	45.28	44.14	68.20	-24.06	Pass	Vertical
2169.767	32.08	3.71	34.34	43.89	45.34	68.20	-22.86	Pass	Vertical
2990.531	33.59	5.60	34.50	43.65	48.34	68.20	-19.86	Pass	Vertical
8713.630	37.01	8.01	35.12	41.01	50.91	68.20	-17.29	Pass	Vertical
12326.270	39.50	8.48	34.17	37.56	51.37	68.20	-16.83	Pass	Vertical
14873.890	40.58	9.29	33.46	35.61	52.02	68.20	-16.18	Pass	Vertical

Test mode: 802.11ac(20M)(MCS0)	Test Frequency: 5220MHz	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
1494.455	30.86	2.82	34.68	44.98	43.98	68.20	-24.22	Pass	Horizontal
2492.677	32.73	4.53	34.41	44.35	47.20	68.20	-21.00	Pass	Horizontal
3757.637	32.97	5.48	34.58	43.71	47.58	68.20	-20.62	Pass	Horizontal
6855.063	36.33	6.60	34.82	42.31	50.42	68.20	-17.78	Pass	Horizontal
9258.909	37.50	8.02	35.15	40.55	50.92	68.20	-17.28	Pass	Horizontal
12798.240	39.36	8.43	33.84	37.90	51.85	68.20	-16.35	Pass	Horizontal
1435.189	30.74	2.77	34.73	44.65	43.43	68.20	-24.77	Pass	Vertical
2012.686	31.73	3.27	34.30	44.71	45.41	68.20	-22.79	Pass	Vertical
2550.987	32.84	4.66	34.42	43.60	46.68	68.20	-21.52	Pass	Vertical
9232.187	37.47	8.05	35.15	39.56	49.93	68.20	-18.27	Pass	Vertical
12326.270	39.50	8.48	34.17	38.13	51.94	68.20	-16.26	Pass	Vertical
14916.940	40.62	9.31	33.48	35.52	51.97	68.20	-16.23	Pass	Vertical

Test mode: 802.11ac(20M)(MCS0)	Test Frequency: 5240MHz	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
1451.878	30.78	2.78	34.72	45.60	44.44	68.20	-23.76	Pass	Horizontal
2006.877	31.72	3.25	34.30	44.22	44.89	68.20	-23.31	Pass	Horizontal
3289.821	33.34	5.56	34.53	44.10	48.47	68.20	-19.73	Pass	Horizontal
8613.468	36.94	7.92	35.09	41.04	50.81	68.20	-17.39	Pass	Horizontal
10636.850	38.95	7.48	34.42	40.03	52.04	68.20	-16.16	Pass	Horizontal
13288.280	39.42	8.49	33.55	37.36	51.72	68.20	-16.48	Pass	Horizontal
1362.430	30.59	2.69	34.80	46.23	44.71	68.20	-23.49	Pass	Vertical
2239.861	32.23	3.90	34.36	44.91	46.68	68.20	-21.52	Pass	Vertical
3233.260	33.39	5.57	34.53	44.32	48.75	68.20	-19.45	Pass	Vertical
6934.778	36.37	6.53	34.86	42.06	50.10	68.20	-18.10	Pass	Vertical
9258.909	37.50	8.02	35.15	39.97	50.34	68.20	-17.86	Pass	Vertical
12397.740	39.48	8.48	34.11	38.19	52.04	68.20	-16.16	Pass	Vertical

Test mode: 802.11ac(20M)(MCS0)	Test Frequency: 5260MHz	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
1560.673	30.98	2.88	34.62	46.50	45.74	68.20	-22.46	Pass	Horizontal
2687.220	33.08	4.97	34.45	42.85	46.45	68.20	-21.75	Pass	Horizontal
3270.858	33.36	5.57	34.53	44.14	48.54	68.20	-19.66	Pass	Horizontal
7076.516	36.41	6.54	34.90	40.97	49.02	68.20	-19.18	Pass	Horizontal
9232.187	37.47	8.05	35.15	40.57	50.94	68.20	-17.26	Pass	Horizontal
12290.700	39.51	8.49	34.19	37.10	50.91	68.20	-17.29	Pass	Horizontal
1667.951	31.18	2.98	34.54	47.49	47.11	68.20	-21.09	Pass	Vertical
2312.219	32.38	4.09	34.37	43.85	45.95	68.20	-22.25	Pass	Vertical
3168.500	33.45	5.59	34.52	44.37	48.89	68.20	-19.31	Pass	Vertical
3587.818	33.10	5.51	34.56	43.06	47.11	68.20	-21.09	Pass	Vertical
7628.806	36.46	7.04	34.90	41.24	49.84	68.20	-18.36	Pass	Vertical
12290.700	39.51	8.49	34.19	38.15	51.96	68.20	-16.24	Pass	Vertical

Test mode: 802.11ac(20M)(MCS0)	Test Frequency: 5300MHz	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
1125.813	30.04	2.43	35.05	45.32	42.74	68.20	-25.46	Pass	Horizontal
1658.337	31.16	2.97	34.54	48.42	48.01	68.20	-20.19	Pass	Horizontal
3261.418	33.37	5.57	34.53	44.26	48.67	68.20	-19.53	Pass	Horizontal
8969.161	37.18	8.22	35.19	40.18	50.39	68.20	-17.81	Pass	Horizontal
11633.930	39.49	8.16	34.29	38.21	51.57	68.20	-16.63	Pass	Horizontal
13288.280	39.42	8.49	33.55	38.16	52.52	68.20	-15.68	Pass	Horizontal
1498.781	30.87	2.83	34.67	45.07	44.10	68.20	-24.10	Pass	Vertical
2492.677	32.73	4.53	34.41	43.86	46.71	68.20	-21.49	Pass	Vertical
3196.094	33.42	5.58	34.52	44.52	49.00	68.20	-19.20	Pass	Vertical
8738.852	37.03	8.03	35.12	40.16	50.10	68.20	-18.10	Pass	Vertical
11368.000	39.41	7.90	34.21	37.43	50.53	68.20	-17.67	Pass	Vertical
14408.430	40.12	8.97	33.33	36.31	52.07	68.20	-16.13	Pass	Vertical

Test mode: 802.11ac(20M)(MCS0)	Test Frequency: 5320MHz	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
1192.811	30.21	2.51	34.97	45.88	43.63	68.20	-24.57	Pass	Horizontal
2151.034	32.04	3.66	34.34	44.38	45.74	68.20	-22.46	Pass	Horizontal
3087.140	33.52	5.60	34.51	43.68	48.29	68.20	-19.91	Pass	Horizontal
7966.832	36.50	7.33	34.90	40.84	49.77	68.20	-18.43	Pass	Horizontal
9258.909	37.50	8.02	35.15	40.95	51.32	68.20	-16.88	Pass	Horizontal
12326.270	39.50	8.48	34.17	38.17	51.98	68.20	-16.22	Pass	Horizontal
1451.878	30.78	2.78	34.72	46.65	45.49	68.20	-22.71	Pass	Vertical
2077.705	31.88	3.45	34.32	43.98	44.99	68.20	-23.21	Pass	Vertical
3123.039	33.49	5.59	34.51	43.78	48.35	68.20	-19.85	Pass	Vertical
7056.092	36.41	6.52	34.90	41.09	49.12	68.20	-19.08	Pass	Vertical
9205.540	37.44	8.07	35.16	40.20	50.55	68.20	-17.65	Pass	Vertical
12326.270	39.50	8.48	34.17	37.73	51.54	68.20	-16.66	Pass	Vertical

Test mode: 802.11ac(20M)(MCS0)	Test Frequency: 5500MHz	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
1278.492	30.41	2.60	34.88	46.18	44.31	68.20	-23.89	Pass	Horizontal
1989.550	31.68	3.22	34.31	44.56	45.15	68.20	-23.05	Pass	Horizontal
3186.869	33.43	5.58	34.52	44.02	48.51	68.20	-19.69	Pass	Horizontal
9285.710	37.53	8.00	35.14	39.88	50.27	68.20	-17.93	Pass	Horizontal
12326.270	39.50	8.48	34.17	37.09	50.90	68.20	-17.30	Pass	Horizontal
16552.730	41.21	9.60	33.60	33.28	50.49	68.20	-17.71	Pass	Horizontal
1398.336	30.67	2.73	34.76	45.27	43.91	68.20	-24.29	Pass	Vertical
1995.309	31.69	3.23	34.30	44.56	45.18	68.20	-23.02	Pass	Vertical
3233.260	33.39	5.57	34.53	44.29	48.72	68.20	-19.48	Pass	Vertical
8059.475	36.54	7.42	34.92	40.57	49.61	68.20	-18.59	Pass	Vertical
10667.640	38.98	7.48	34.39	38.72	50.79	68.20	-17.41	Pass	Vertical
13288.280	39.42	8.49	33.55	37.63	51.99	68.20	-16.21	Pass	Vertical

Test mode: 802.11ac(20M)(MCS0)				Test Frequency: 5580MHz			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
1078.046	29.92	2.37	35.10	46.81	44.00	68.20	-24.20	Pass	Horizontal
1989.550	31.68	3.22	34.31	45.26	45.85	68.20	-22.35	Pass	Horizontal
3735.978	32.99	5.48	34.58	45.59	49.48	68.20	-18.72	Pass	Horizontal
7284.038	36.43	6.74	34.90	41.46	49.73	68.20	-18.47	Pass	Horizontal
8917.462	37.15	8.18	35.18	39.97	50.12	68.20	-18.08	Pass	Horizontal
14242.800	39.95	8.85	33.27	35.90	51.43	68.20	-16.77	Pass	Horizontal
1078.046	29.92	2.37	35.10	46.12	43.31	68.20	-24.89	Pass	Vertical
1382.262	30.63	2.71	34.78	44.97	43.53	68.20	-24.67	Pass	Vertical
2101.866	31.93	3.52	34.32	44.17	45.30	68.20	-22.90	Pass	Vertical
3196.094	33.42	5.58	34.52	44.20	48.68	68.20	-19.52	Pass	Vertical
9258.909	37.50	8.02	35.15	39.66	50.03	68.20	-18.17	Pass	Vertical
13837.020	39.64	8.64	33.28	37.28	52.28	68.20	-15.92	Pass	Vertical

Test mode: 802.11ac(20M)(MCS0)				Test Frequency: 5700MHz			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
1490.142	30.85	2.82	34.68	46.15	45.14	68.20	-23.06	Pass	Horizontal
3096.075	33.51	5.60	34.51	44.16	48.76	68.20	-19.44	Pass	Horizontal
7628.806	36.46	7.04	34.90	39.40	48.00	68.20	-20.20	Pass	Horizontal
9232.187	37.47	8.05	35.15	39.45	49.82	68.20	-18.38	Pass	Horizontal
11335.190	39.40	7.86	34.20	38.64	51.70	68.20	-16.50	Pass	Horizontal
13326.750	39.43	8.50	33.53	36.96	51.36	68.20	-16.84	Pass	Horizontal
1362.430	30.59	2.69	34.80	45.76	44.24	68.20	-23.96	Pass	Vertical
2077.705	31.88	3.45	34.32	44.39	45.40	68.20	-22.80	Pass	Vertical
3214.623	33.41	5.58	34.52	44.27	48.74	68.20	-19.46	Pass	Vertical
8613.468	36.94	7.92	35.09	38.49	48.26	68.20	-19.94	Pass	Vertical
12326.270	39.50	8.48	34.17	38.08	51.89	68.20	-16.31	Pass	Vertical
15310.070	40.83	9.36	33.82	34.29	50.66	68.20	-17.54	Pass	Vertical

Test mode: 802.11ac(20M)(MCS0)				Test Frequency: 5745MHz			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
1366.374	30.60	2.70	34.79	45.56	44.07	68.20	-24.13	Pass	Horizontal
1845.516	31.47	3.12	34.40	44.31	44.50	68.20	-23.70	Pass	Horizontal
3233.260	33.39	5.57	34.53	44.10	48.53	68.20	-19.67	Pass	Horizontal
3834.438	32.92	5.47	34.59	45.44	49.24	68.20	-18.96	Pass	Horizontal
9285.710	37.53	8.00	35.14	39.24	49.63	68.20	-18.57	Pass	Horizontal
15221.820	40.79	9.36	33.73	35.02	51.44	68.20	-16.76	Pass	Horizontal
1468.761	30.81	2.80	34.70	44.76	43.67	68.20	-24.53	Pass	Vertical
3087.140	33.52	5.60	34.51	44.41	49.02	68.20	-19.18	Pass	Vertical
4098.010	33.05	5.40	34.57	43.14	47.02	68.20	-21.18	Pass	Vertical
8917.462	37.15	8.18	35.18	39.63	49.78	68.20	-18.42	Pass	Vertical
12290.700	39.51	8.49	34.19	37.95	51.76	68.20	-16.44	Pass	Vertical
13957.530	39.68	8.67	33.22	37.48	52.61	68.20	-15.59	Pass	Vertical

Test mode: 802.11ac(20M)(MCS0)				Test Frequency: 5785MHz			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
1551.677	30.97	2.87	34.63	46.34	45.55	68.20	-22.65	Pass	Horizontal
3223.928	33.40	5.57	34.53	43.89	48.33	68.20	-19.87	Pass	Horizontal
3856.668	32.90	5.46	34.59	45.72	49.49	68.20	-18.71	Pass	Horizontal
9178.972	37.41	8.09	35.16	39.38	49.72	68.20	-18.48	Pass	Horizontal
13288.280	39.42	8.49	33.55	37.08	51.44	68.20	-16.76	Pass	Horizontal
14916.940	40.62	9.31	33.48	35.50	51.95	68.20	-16.25	Pass	Horizontal
1507.470	30.88	2.83	34.67	44.77	43.81	68.20	-24.39	Pass	Vertical
2239.861	32.23	3.90	34.36	43.95	45.72	68.20	-22.48	Pass	Vertical
3242.619	33.38	5.57	34.53	44.04	48.46	68.20	-19.74	Pass	Vertical
8663.404	36.97	7.96	35.10	40.82	50.65	68.20	-17.55	Pass	Vertical
12326.270	39.50	8.48	34.17	37.85	51.66	68.20	-16.54	Pass	Vertical
15713.560	40.99	9.35	34.22	34.75	50.87	68.20	-17.33	Pass	Vertical

Test mode: 802.11ac(20M)(MCS0)	Test Frequency: 5825MHz	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
1431.047	30.73	2.76	34.73	45.56	44.32	68.20	-23.88	Pass	Horizontal
1850.858	31.48	3.12	34.40	45.90	46.10	68.20	-22.10	Pass	Horizontal
3205.345	33.42	5.58	34.52	43.80	48.28	68.20	-19.92	Pass	Horizontal
8688.480	36.99	7.98	35.11	39.76	49.62	68.20	-18.58	Pass	Horizontal
9285.710	37.53	8.00	35.14	40.82	51.21	68.20	-16.99	Pass	Horizontal
14119.830	39.82	8.77	33.24	36.91	52.26	68.20	-15.94	Pass	Horizontal
1366.374	30.60	2.70	34.79	45.29	43.80	68.20	-24.40	Pass	Vertical
2226.950	32.20	3.86	34.35	43.83	45.54	68.20	-22.66	Pass	Vertical
3242.619	33.38	5.57	34.53	43.82	48.24	68.20	-19.96	Pass	Vertical
9021.160	37.22	8.23	35.20	40.26	50.51	68.20	-17.69	Pass	Vertical
13249.930	39.40	8.48	33.57	36.68	50.99	68.20	-17.21	Pass	Vertical
15177.890	40.77	9.36	33.68	35.53	51.98	68.20	-16.22	Pass	Vertical

802.11ac(40M) for 5150MHz ~5250 MHz, 5250MHz-5350MHz, 5470MHz-5725MHz, 5725MHz ~5850MHz

Test mode: 802.11ac(40M)(MCS0)	Test Frequency: 5190MHz	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
1135.617	30.07	2.44	35.03	46.27	43.75	68.20	-24.45	Pass	Horizontal
1542.733	30.95	2.87	34.64	46.03	45.21	68.20	-22.99	Pass	Horizontal
2169.767	32.08	3.71	34.34	43.86	45.31	68.20	-22.89	Pass	Horizontal
3455.508	33.21	5.53	34.55	45.68	49.87	68.20	-18.33	Pass	Horizontal
8036.214	36.53	7.39	34.91	41.35	50.36	68.20	-17.84	Pass	Horizontal
12326.270	39.50	8.48	34.17	37.05	50.86	68.20	-17.34	Pass	Horizontal
1366.374	30.60	2.70	34.79	46.14	44.65	68.20	-23.55	Pass	Vertical
2024.354	31.76	3.30	34.31	44.47	45.22	68.20	-22.98	Pass	Vertical
3205.345	33.42	5.58	34.52	44.50	48.98	68.20	-19.22	Pass	Vertical
7454.429	36.45	6.89	34.90	38.40	46.84	68.20	-21.36	Pass	Vertical
9232.187	37.47	8.05	35.15	39.06	49.43	68.20	-18.77	Pass	Vertical
12290.700	39.51	8.49	34.19	37.09	50.90	68.20	-17.30	Pass	Vertical

Test mode: 802.11ac(40M)(MCS0)	Test Frequency: 5230MHz	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
1667.951	31.18	2.98	34.54	45.88	45.50	68.20	-22.70	Pass	Horizontal
2492.677	32.73	4.53	34.41	44.44	47.29	68.20	-20.91	Pass	Horizontal
3233.260	33.39	5.57	34.53	44.41	48.84	68.20	-19.36	Pass	Horizontal
7989.893	36.50	7.35	34.90	41.56	50.51	68.20	-17.69	Pass	Horizontal
9838.312	38.13	7.54	35.03	40.21	50.85	68.20	-17.35	Pass	Horizontal
12397.740	39.48	8.48	34.11	37.19	51.04	68.20	-17.16	Pass	Horizontal
1362.430	30.59	2.69	34.80	45.72	44.20	68.20	-24.00	Pass	Vertical
2169.767	32.08	3.71	34.34	43.83	45.28	68.20	-22.92	Pass	Vertical
3242.619	33.38	5.57	34.53	44.22	48.64	68.20	-19.56	Pass	Vertical
8764.146	37.04	8.05	35.13	41.05	51.01	68.20	-17.19	Pass	Vertical
12009.760	39.60	8.52	34.39	37.05	50.78	68.20	-17.42	Pass	Vertical
14284.030	39.99	8.88	33.29	36.27	51.85	68.20	-16.35	Pass	Vertical

Test mode: 802.11ac(40M)(MCS0)	Test Frequency: 5270MHz	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
1078.046	29.92	2.37	35.10	45.90	43.09	68.20	-25.11	Pass	Horizontal
1667.951	31.18	2.98	34.54	45.38	45.00	68.20	-23.20	Pass	Horizontal
2471.157	32.69	4.48	34.40	44.43	47.20	68.20	-21.00	Pass	Horizontal
3223.928	33.40	5.57	34.53	43.92	48.36	68.20	-19.84	Pass	Horizontal
8539.102	36.89	7.85	35.07	39.69	49.36	68.20	-18.84	Pass	Horizontal
12290.700	39.51	8.49	34.19	37.86	51.67	68.20	-16.53	Pass	Horizontal
1447.688	30.77	2.78	34.72	45.97	44.80	68.20	-23.40	Pass	Vertical
2421.661	32.60	4.36	34.39	43.07	45.64	68.20	-22.56	Pass	Vertical
3205.345	33.42	5.58	34.52	44.45	48.93	68.20	-19.27	Pass	Vertical
7920.911	36.49	7.29	34.90	40.33	49.21	68.20	-18.99	Pass	Vertical
12290.700	39.51	8.49	34.19	36.65	50.46	68.20	-17.74	Pass	Vertical
14284.030	39.99	8.88	33.29	36.14	51.72	68.20	-16.48	Pass	Vertical

Test mode: 802.11ac(40M)(MCS0)	Test Frequency: 5310MHz	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
1366.374	30.60	2.70	34.79	45.77	44.28	68.20	-23.92	Pass	Horizontal
3159.355	33.46	5.59	34.52	43.43	47.96	68.20	-20.24	Pass	Horizontal
7898.049	36.49	7.27	34.90	41.49	50.35	68.20	-17.85	Pass	Horizontal
8995.123	37.20	8.25	35.20	40.97	51.22	68.20	-16.98	Pass	Horizontal
12872.440	39.34	8.42	33.79	38.02	51.99	68.20	-16.21	Pass	Horizontal
15713.560	40.99	9.35	34.22	35.84	51.96	68.20	-16.24	Pass	Horizontal
1362.430	30.59	2.69	34.80	44.97	43.45	68.20	-24.75	Pass	Vertical
2305.546	32.37	4.07	34.37	43.63	45.70	68.20	-22.50	Pass	Vertical
2990.531	33.59	5.60	34.50	43.48	48.17	68.20	-20.03	Pass	Vertical
7739.857	36.48	7.14	34.90	41.47	50.19	68.20	-18.01	Pass	Vertical
12326.270	39.50	8.48	34.17	37.75	51.56	68.20	-16.64	Pass	Vertical
14366.840	40.07	8.94	33.31	35.82	51.52	68.20	-16.68	Pass	Vertical

Test mode: 802.11ac(40M)(MCS0)	Test Frequency: 5510MHz	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
1278.492	30.41	2.60	34.88	45.83	43.96	68.20	-24.24	Pass	Horizontal
3242.619	33.38	5.57	34.53	44.15	48.57	68.20	-19.63	Pass	Horizontal
3671.746	33.04	5.49	34.57	45.01	48.97	68.20	-19.23	Pass	Horizontal
9205.540	37.44	8.07	35.16	40.39	50.74	68.20	-17.46	Pass	Horizontal
12290.700	39.51	8.49	34.19	37.91	51.72	68.20	-16.48	Pass	Horizontal
15046.850	40.72	9.37	33.55	35.67	52.21	68.20	-15.99	Pass	Horizontal
1834.878	31.45	3.11	34.41	44.87	45.02	68.20	-23.18	Pass	Vertical
2492.677	32.73	4.53	34.41	43.69	46.54	68.20	-21.66	Pass	Vertical
3252.005	33.38	5.57	34.53	44.20	48.62	68.20	-19.58	Pass	Vertical
8465.379	36.84	7.79	35.04	40.33	49.92	68.20	-18.28	Pass	Vertical
13326.750	39.43	8.50	33.53	37.06	51.46	68.20	-16.74	Pass	Vertical
15354.390	40.84	9.36	33.86	35.65	51.99	68.20	-16.21	Pass	Vertical

Test mode: 802.11ac(40M)(MCS0)				Test Frequency: 5550MHz			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
1370.328	30.61	2.70	34.79	45.72	44.24	68.20	-23.96	Pass	Horizontal
2077.705	31.88	3.45	34.32	43.99	45.00	68.20	-23.20	Pass	Horizontal
2990.531	33.59	5.60	34.50	43.00	47.69	68.20	-20.51	Pass	Horizontal
3725.195	33.00	5.48	34.58	45.10	49.00	68.20	-19.20	Pass	Horizontal
8917.462	37.15	8.18	35.18	40.24	50.39	68.20	-17.81	Pass	Horizontal
13288.280	39.42	8.49	33.55	37.51	51.87	68.20	-16.33	Pass	Horizontal
1366.374	30.60	2.70	34.79	45.61	44.12	68.20	-24.08	Pass	Vertical
2001.084	31.70	3.23	34.30	44.78	45.41	68.20	-22.79	Pass	Vertical
3105.037	33.50	5.60	34.51	44.95	49.54	68.20	-18.66	Pass	Vertical
9258.909	37.50	8.02	35.15	39.49	49.86	68.20	-18.34	Pass	Vertical
12326.270	39.50	8.48	34.17	37.91	51.72	68.20	-16.48	Pass	Vertical
14242.800	39.95	8.85	33.27	36.79	52.32	68.20	-15.88	Pass	Vertical

Test mode: 802.11ac(40M)(MCS0)				Test Frequency: 5670MHz			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
1422.798	30.72	2.75	34.74	46.33	45.06	68.20	-23.14	Pass	Horizontal
2610.661	32.95	4.80	34.43	43.50	46.82	68.20	-21.38	Pass	Horizontal
3242.619	33.38	5.57	34.53	44.00	48.42	68.20	-19.78	Pass	Horizontal
3779.422	32.96	5.48	34.58	45.52	49.38	68.20	-18.82	Pass	Horizontal
9178.972	37.41	8.09	35.16	40.88	51.22	68.20	-16.98	Pass	Horizontal
14366.840	40.07	8.94	33.31	35.92	51.62	68.20	-16.58	Pass	Horizontal
1366.374	30.60	2.70	34.79	44.94	43.45	68.20	-24.75	Pass	Vertical
1995.309	31.69	3.23	34.30	44.42	45.04	68.20	-23.16	Pass	Vertical
2888.584	33.42	5.40	34.48	43.70	48.04	68.20	-20.16	Pass	Vertical
9205.540	37.44	8.07	35.16	40.05	50.40	68.20	-17.80	Pass	Vertical
12326.270	39.50	8.48	34.17	37.51	51.32	68.20	-16.88	Pass	Vertical
15443.410	40.88	9.36	33.95	34.85	51.14	68.20	-17.06	Pass	Vertical

Test mode: 802.11ac(40M)(MCS0)	Test Frequency: 5755MHz	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
1078.046	29.92	2.37	35.10	46.35	43.54	68.20	-24.66	Pass	Horizontal
2201.352	32.15	3.80	34.35	43.61	45.21	68.20	-22.99	Pass	Horizontal
3214.623	33.41	5.58	34.52	44.26	48.73	68.20	-19.47	Pass	Horizontal
8688.480	36.99	7.98	35.11	41.08	50.94	68.20	-17.26	Pass	Horizontal
12290.700	39.51	8.49	34.19	37.98	51.79	68.20	-16.41	Pass	Horizontal
14242.800	39.95	8.85	33.27	35.91	51.44	68.20	-16.76	Pass	Horizontal
1520.598	30.91	2.85	34.66	45.01	44.11	68.20	-24.09	Pass	Vertical
3069.345	33.54	5.61	34.51	42.95	47.59	68.20	-20.61	Pass	Vertical
7829.860	36.48	7.22	34.90	39.32	48.12	68.20	-20.08	Pass	Vertical
10303.980	38.61	7.44	34.72	37.85	49.18	68.20	-19.02	Pass	Vertical
13097.620	39.34	8.44	33.65	37.77	51.90	68.20	-16.30	Pass	Vertical
15177.890	40.77	9.36	33.68	35.32	51.77	68.20	-16.43	Pass	Vertical

Test mode: 802.11ac(40M)(MCS0)	Test Frequency: 5795MHz	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
1199.726	30.23	2.51	34.96	46.63	44.41	68.20	-23.79	Pass	Horizontal
2393.824	32.54	4.29	34.39	43.48	45.92	68.20	-22.28	Pass	Horizontal
3214.623	33.41	5.58	34.52	43.52	47.99	68.20	-20.21	Pass	Horizontal
8891.725	37.13	8.16	35.17	40.37	50.49	68.20	-17.71	Pass	Horizontal
11172.560	39.35	7.70	34.15	37.64	50.54	68.20	-17.66	Pass	Horizontal
13997.930	39.70	8.68	33.20	36.73	51.91	68.20	-16.29	Pass	Horizontal
1327.446	30.52	2.66	34.83	45.52	43.87	68.20	-24.33	Pass	Vertical
2499.893	32.75	4.55	34.41	43.66	46.55	68.20	-21.65	Pass	Vertical
3270.858	33.36	5.57	34.53	44.18	48.58	68.20	-19.62	Pass	Vertical
3801.333	32.94	5.47	34.58	43.78	47.61	68.20	-20.59	Pass	Vertical
9021.160	37.22	8.23	35.20	40.69	50.94	68.20	-17.26	Pass	Vertical
14575.970	40.28	9.08	33.38	35.88	51.86	68.20	-16.34	Pass	Vertical

802.11ac(80M) for 5150MHz ~5250 MHz, 5250MHz-5350MHz, 5470MHz-5725MHz, 5725MHz ~5850MHz

Test mode: 802.11ac(80M)(MCS0)	Test Frequency: 5210MHz	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
1439.343	30.75	2.77	34.73	45.48	44.27	68.20	-23.93	Pass	Horizontal
1995.309	31.69	3.23	34.30	44.66	45.28	68.20	-22.92	Pass	Horizontal
3168.500	33.45	5.59	34.52	43.91	48.43	68.20	-19.77	Pass	Horizontal
7390.070	36.44	6.83	34.90	40.02	48.39	68.20	-19.81	Pass	Horizontal
11633.930	39.49	8.16	34.29	38.02	51.38	68.20	-16.82	Pass	Horizontal
13288.280	39.42	8.49	33.55	37.32	51.68	68.20	-16.52	Pass	Horizontal
1439.343	30.75	2.77	34.73	44.81	43.60	68.20	-24.60	Pass	Vertical
2565.777	32.87	4.70	34.42	43.75	46.90	68.20	-21.30	Pass	Vertical
2871.934	33.40	5.36	34.48	44.24	48.52	68.20	-19.68	Pass	Vertical
7966.832	36.50	7.33	34.90	41.00	49.93	68.20	-18.27	Pass	Vertical
12290.700	39.51	8.49	34.19	37.86	51.67	68.20	-16.53	Pass	Vertical
15177.890	40.77	9.36	33.68	35.74	52.19	68.20	-16.01	Pass	Vertical

Test mode: 802.11ac(80M)(MCS0)	Test Frequency: 5290MHz	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
1439.343	30.75	2.77	34.73	47.10	45.89	68.20	-22.31	Pass	Horizontal
1667.951	31.18	2.98	34.54	47.50	47.12	68.20	-21.08	Pass	Horizontal
3114.025	33.50	5.60	34.51	44.14	48.73	68.20	-19.47	Pass	Horizontal
9205.540	37.44	8.07	35.16	39.90	50.25	68.20	-17.95	Pass	Horizontal
12326.270	39.50	8.48	34.17	37.00	50.81	68.20	-17.39	Pass	Horizontal
15177.890	40.77	9.36	33.68	34.10	50.55	68.20	-17.65	Pass	Horizontal
1199.726	30.23	2.51	34.96	46.72	44.50	68.20	-23.70	Pass	Vertical
1667.951	31.18	2.98	34.54	48.15	47.77	68.20	-20.43	Pass	Vertical
2095.800	31.92	3.51	34.32	44.34	45.45	68.20	-22.75	Pass	Vertical
2990.531	33.59	5.60	34.50	45.62	50.31	68.20	-17.89	Pass	Vertical
10580.000	38.89	7.48	34.47	37.12	49.02	68.20	-19.18	Pass	Vertical
15870.000	41.05	9.34	34.37	34.21	50.23	68.20	-17.97	Pass	Vertical

Test mode: 802.11ac(80M)(MCS0)				Test Frequency: 5530MHz			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
1556.169	30.98	2.88	34.63	45.84	45.07	68.20	-23.13	Pass	Horizontal
2114.052	31.96	3.56	34.33	43.75	44.94	68.20	-23.26	Pass	Horizontal
3114.025	33.50	5.60	34.51	43.55	48.14	68.20	-20.06	Pass	Horizontal
3682.374	33.03	5.49	34.57	44.65	48.60	68.20	-19.60	Pass	Horizontal
8059.475	36.54	7.42	34.92	40.26	49.30	68.20	-18.90	Pass	Horizontal
12835.290	39.35	8.43	33.81	38.02	51.99	68.20	-16.21	Pass	Horizontal
1468.761	30.81	2.80	34.70	45.13	44.04	68.20	-24.16	Pass	Vertical
2239.861	32.23	3.90	34.36	43.06	44.83	68.20	-23.37	Pass	Vertical
3233.260	33.39	5.57	34.53	44.26	48.69	68.20	-19.51	Pass	Vertical
8613.468	36.94	7.92	35.09	39.32	49.09	68.20	-19.11	Pass	Vertical
12326.270	39.50	8.48	34.17	37.66	51.47	68.20	-16.73	Pass	Vertical
15134.080	40.76	9.37	33.64	35.11	51.60	68.20	-16.60	Pass	Vertical

Test mode: 802.11ac(80M)(MCS0)				Test Frequency: 5690MHz			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
1477.276	30.83	2.81	34.69	45.14	44.09	68.20	-24.11	Pass	Horizontal
2400.753	32.56	4.31	34.39	44.12	46.60	68.20	-21.60	Pass	Horizontal
2981.899	33.57	5.58	34.50	43.97	48.62	68.20	-19.58	Pass	Horizontal
8713.630	37.01	8.01	35.12	39.71	49.61	68.20	-18.59	Pass	Horizontal
12290.700	39.51	8.49	34.19	38.19	52.00	68.20	-16.20	Pass	Horizontal
13326.750	39.43	8.50	33.53	37.34	51.74	68.20	-16.46	Pass	Horizontal
1866.977	31.50	3.13	34.39	44.98	45.22	68.20	-22.98	Pass	Vertical
2325.624	32.41	4.12	34.37	43.12	45.28	68.20	-22.92	Pass	Vertical
2990.531	33.59	5.60	34.50	46.00	50.69	68.20	-17.51	Pass	Vertical
9047.272	37.25	8.21	35.19	38.19	48.46	68.20	-19.74	Pass	Vertical
12361.950	39.49	8.48	34.14	37.78	51.61	68.20	-16.59	Pass	Vertical
15134.080	40.76	9.37	33.64	34.81	51.30	68.20	-16.90	Pass	Vertical

Test mode: 802.11ac(80M)(MCS0)	Test Frequency: 5775MHz	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
1293.359	30.44	2.62	34.87	45.30	43.49	68.20	-24.71	Pass	Horizontal
1829.582	31.44	3.11	34.42	44.02	44.15	68.20	-24.05	Pass	Horizontal
2492.677	32.73	4.53	34.41	45.16	48.01	68.20	-20.19	Pass	Horizontal
8713.630	37.01	8.01	35.12	39.68	49.58	68.20	-18.62	Pass	Horizontal
10423.800	38.74	7.46	34.61	37.63	49.22	68.20	-18.98	Pass	Horizontal
14038.450	39.74	8.71	33.21	36.43	51.67	68.20	-16.53	Pass	Horizontal
1394.300	30.66	2.73	34.77	44.70	43.32	68.20	-24.88	Pass	Vertical
2648.664	33.02	4.89	34.44	44.09	47.56	68.20	-20.64	Pass	Vertical
3261.418	33.37	5.57	34.53	44.14	48.55	68.20	-19.65	Pass	Vertical
9021.160	37.22	8.23	35.20	38.05	48.30	68.20	-19.90	Pass	Vertical
12835.290	39.35	8.43	33.81	35.56	49.53	68.20	-18.67	Pass	Vertical
15134.080	40.76	9.37	33.64	33.49	49.98	68.20	-18.22	Pass	Vertical

Note:

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

Final Test Level =Receiver Reading - Correct Factor

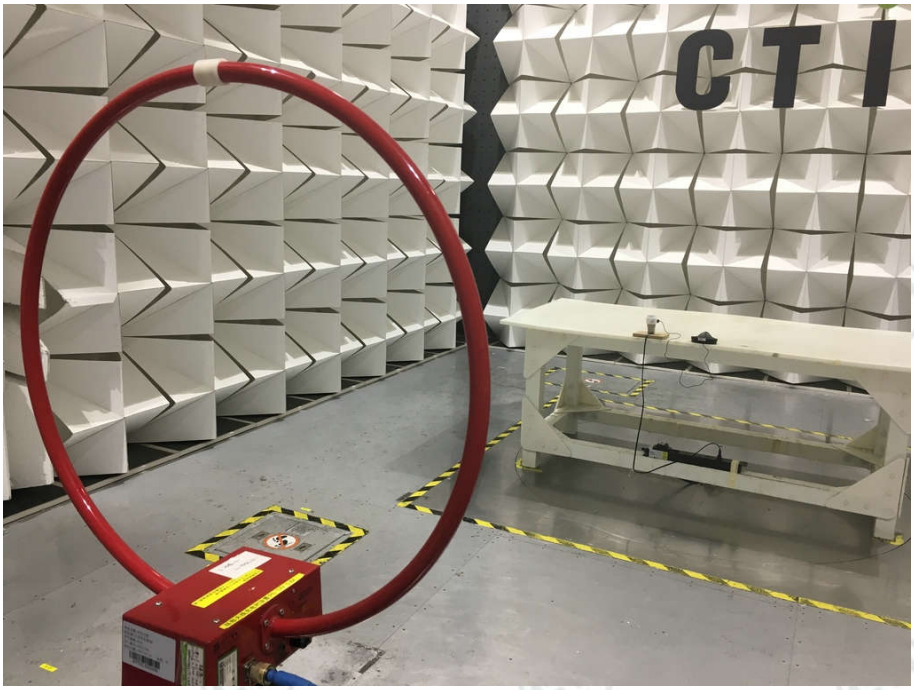
Correct Factor = Preamplifier Factor– Antenna Factor–Cable Factor

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

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

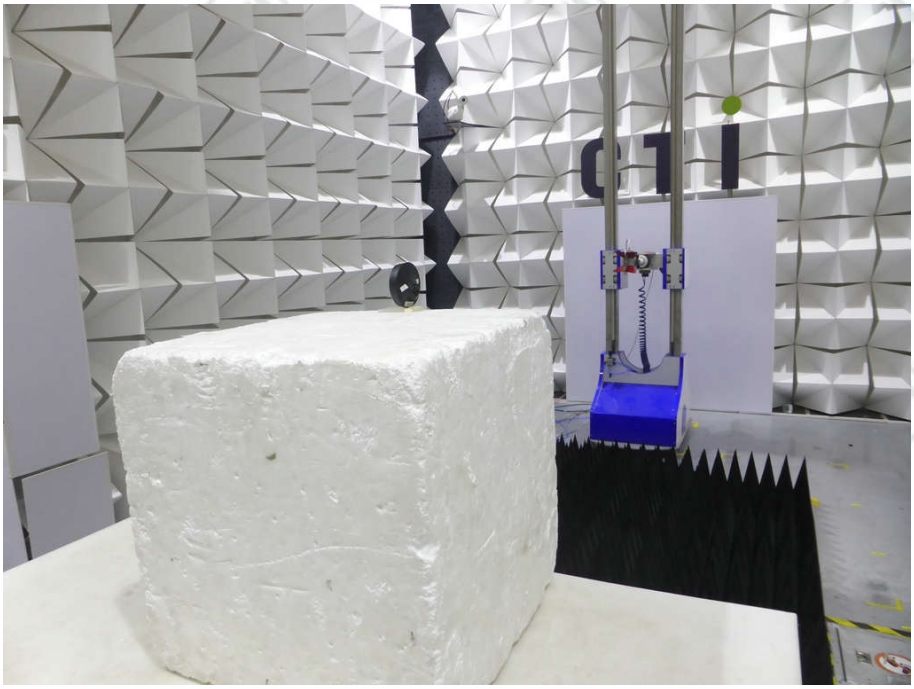
PHOTOGRAPHS OF TEST SETUP

Test Model No.: TC200KU

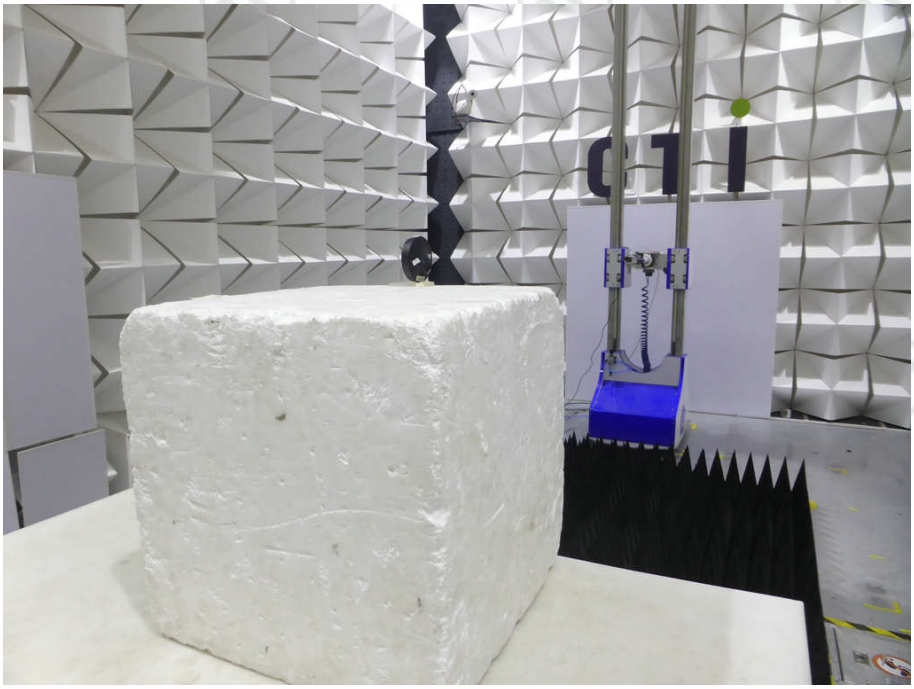


Radiated spurious emission Test Setup-1(Below 30MHz)

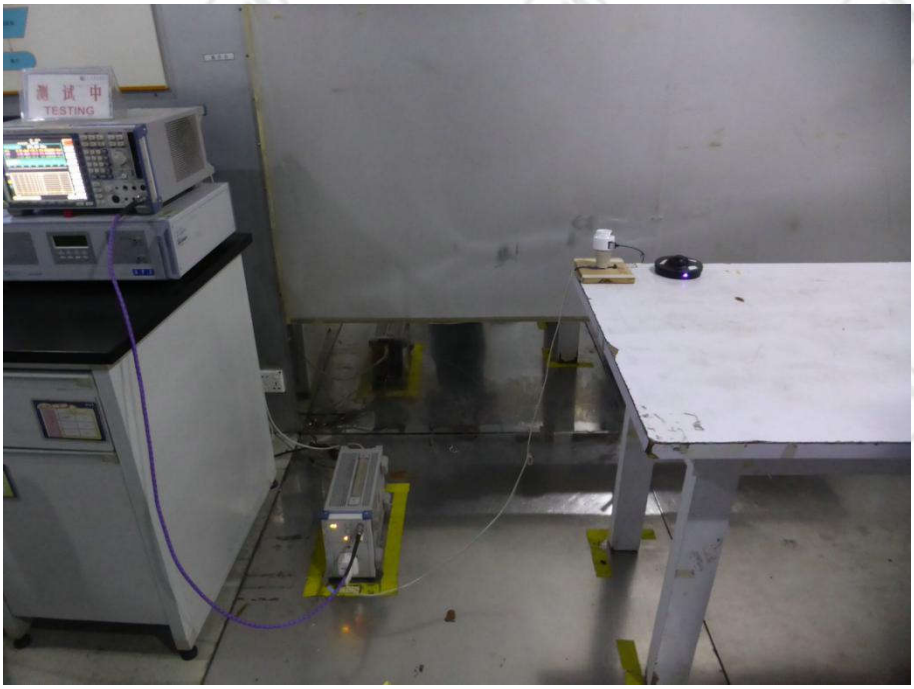
Radiated spurious emission Test Setup-2(30MHz-1GHz)



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



Radiated spurious emission Test Setup-4(18GHz-40GHz)



Conducted Emissions Test Setup

PHOTOGRAPHS OF EUT Constructional Details

Refer to Report No.EED32I00271801 for EUT external and internal photos.

*** End of Report ***

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