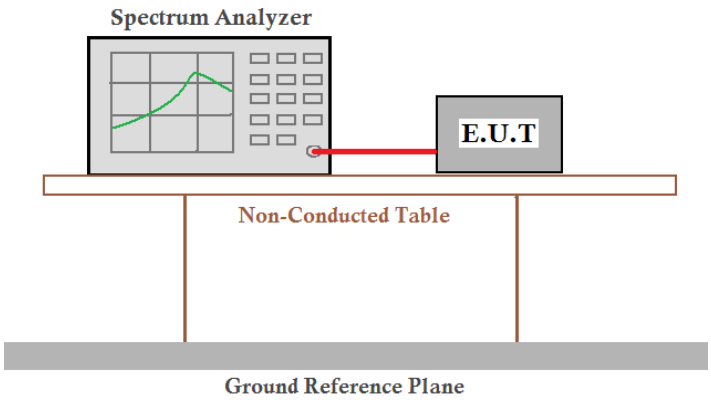
6.7 Power Spectral Density

Test Requirement:	47 CFR Part 15 Section 15.407(a)	
Test Method:	ANSI C63.10: 2013	
Test Setup:	 *Remark:* *Offset the High-Frequency cable loss 1.5dB in the spectrum analyzer.*	
Test Instruments:	Refer to section 5.10 for details	
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates	
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCSO of rate is the worst case of 802.11n(HT20); MCSO of rate is the worst case of 802.11n(HT40); MCSO of rate is the worst case of 802.11ac(HT20); MCSO of rate is the worst case of 802.11ac(HT40); MCSO of rate is the worst case of 802.11ac(HT80) Only the worst case is recorded in the report.	
Limit:	Frequency Band	Limit
	5150-5250MHz	The power spectral density less than 11dBm/1MHz
	5250-5350MHz	The power spectral density less than 11dBm/1MHz
	5470-5725MHz	The power spectral density less than 11dBm/1MHz
	5725-5850MHz	The power spectral density less than 30dBm/500kHz
Test Results:	Pass	

Measurement Data:

802.11a mode			
Frequency (MHz)	Power Spectral Density	Limit	Result
5180	2.56	≤11dBm/1MHz	Pass
5220	2.24	≤11dBm/1MHz	Pass
5240	1.13	≤11dBm/1MHz	Pass
5260	2.65	≤11dBm/1MHz	Pass
5300	1.84	≤11dBm/1MHz	Pass
5320	1.87	≤11dBm/1MHz	Pass
5500	1.97	≤11dBm/1MHz	Pass
5580	1.37	≤11dBm/1MHz	Pass
5600	1.51	≤11dBm/1MHz	Pass
5700	0.19	≤11dBm/1MHz	Pass
5745	-2.77	≤30dBm/500kHz	Pass
5785	-3.43	≤30dBm/500kHz	Pass
5825	-3.38	≤30dBm/500kHz	Pass

802.11n(HT20) mode			
Frequency (MHz)	Power Spectral Density	Limit	Result
5180	1.31	≤11dBm/1MHz	Pass
5220	1.37	≤11dBm/1MHz	Pass
5240	1.40	≤11dBm/1MHz	Pass
5260	1.18	≤11dBm/1MHz	Pass
5280	1.76	≤11dBm/1MHz	Pass
5320	1.91	≤11dBm/1MHz	Pass
5500	-0.14	≤11dBm/1MHz	Pass
5580	0.72	≤11dBm/1MHz	Pass
5600	1.10	≤11dBm/1MHz	Pass
5700	-0.32	≤11dBm/1MHz	Pass
5745	-3.37	≤30dBm/500kHz	Pass
5785	-3.75	≤30dBm/500kHz	Pass
5825	-3.11	≤30dBm/500kHz	Pass

802.11ac(HT20) mode			
Frequency (MHz)	Power Spectral Density	Limit	Result
5180	1.07	≤11dBm/1MHz	Pass
5220	1.07	≤11dBm/1MHz	Pass
5240	1.18	≤11dBm/1MHz	Pass
5260	1.01	≤11dBm/1MHz	Pass
5280	1.44	≤11dBm/1MHz	Pass
5320	1.63	≤11dBm/1MHz	Pass
5500	-0.18	≤11dBm/1MHz	Pass
5580	0.92	≤11dBm/1MHz	Pass
5600	1.28	≤11dBm/1MHz	Pass
5700	-0.13	≤11dBm/1MHz	Pass
5745	-3.17	≤30dBm/500kHz	Pass
5785	-3.40	≤30dBm/500kHz	Pass
5825	-3.19	≤30dBm/500kHz	Pass

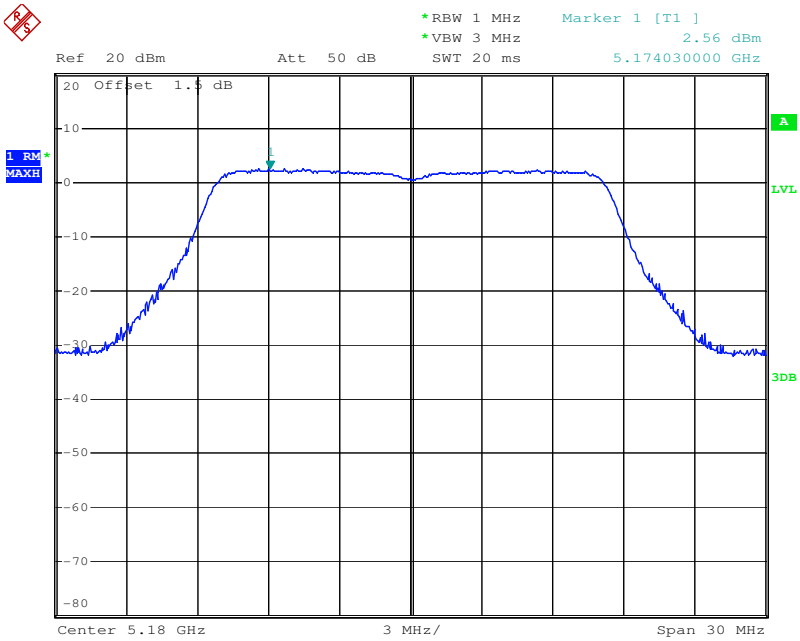
802.11n(HT40) mode			
Frequency (MHz)	Power Spectral Density	Limit	Result
5190	-0.98	≤11dBm/1MHz	Pass
5230	-0.73	≤11dBm/1MHz	Pass
5270	-0.39	≤11dBm/1MHz	Pass
5310	0.13	≤11dBm/1MHz	Pass
5510	-1.89	≤11dBm/1MHz	Pass
5550	-1.47	≤11dBm/1MHz	Pass
5590	-0.61	≤11dBm/1MHz	Pass
5670	-0.89	≤11dBm/1MHz	Pass
5755	-4.94	≤30dBm/500kHz	Pass
5795	-5.13	≤30dBm/500kHz	Pass

802.11ac(HT40) mode			
Frequency (MHz)	Power Spectral Density	Limit	Result
5190	-0.87	≤11dBm/1MHz	Pass
5230	-0.95	≤11dBm/1MHz	Pass
5270	-0.52	≤11dBm/1MHz	Pass
5310	-0.28	≤11dBm/1MHz	Pass
5510	-1.74	≤11dBm/1MHz	Pass
5550	-1.42	≤11dBm/1MHz	Pass
5590	-0.55	≤11dBm/1MHz	Pass
5670	-0.69	≤11dBm/1MHz	Pass
5755	-5.08	≤30dBm/500kHz	Pass
5795	-5.32	≤30dBm/500kHz	Pass

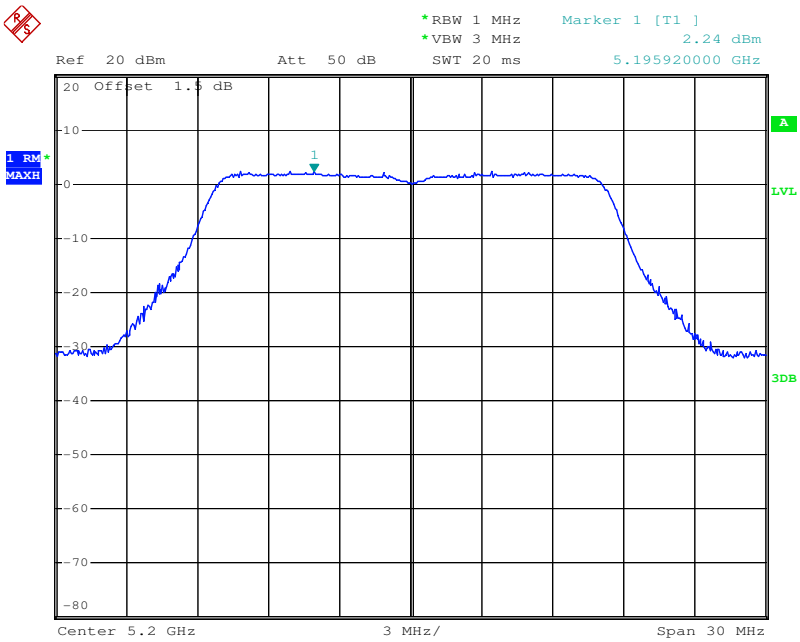
802.11ac(HT80) mode			
Frequency (MHz)	Power Spectral Density	Limit	Result
5120	-4.48	≤11dBm/1MHz	Pass
5290	-4.06	≤11dBm/1MHz	Pass
5530	-5.39	≤11dBm/1MHz	Pass
5610	-3.93	≤11dBm/1MHz	Pass
5775	-6.61	≤30dBm/500kHz	Pass

Test plot as follows:

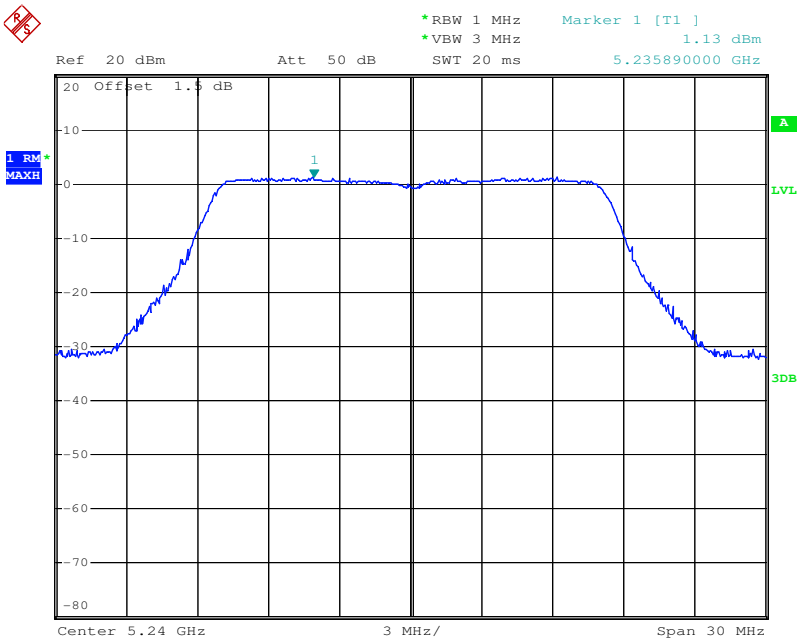
Test mode:	802.11a	Frequency(MHz):	5180



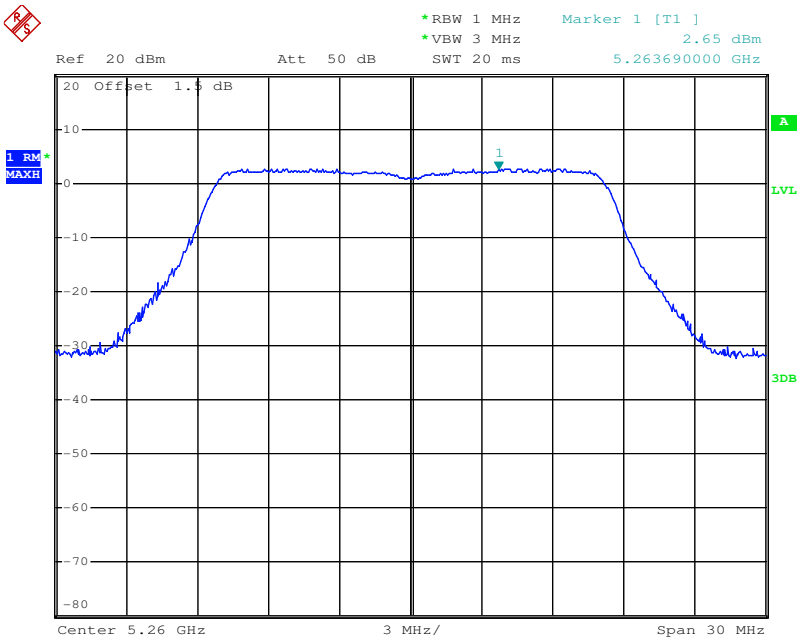
Test mode:	802.11a	Frequency(MHz):	5220



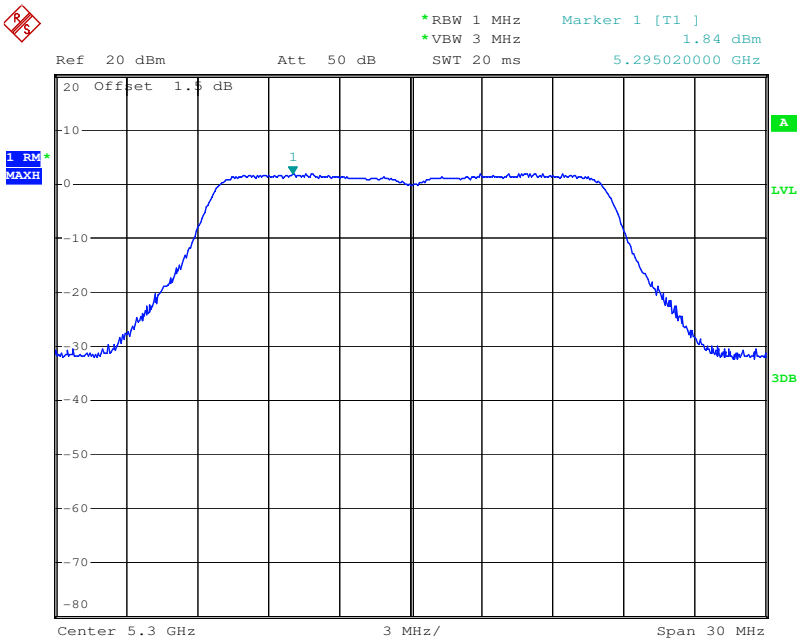
Test mode:	802.11a	Frequency(MHz):	5240



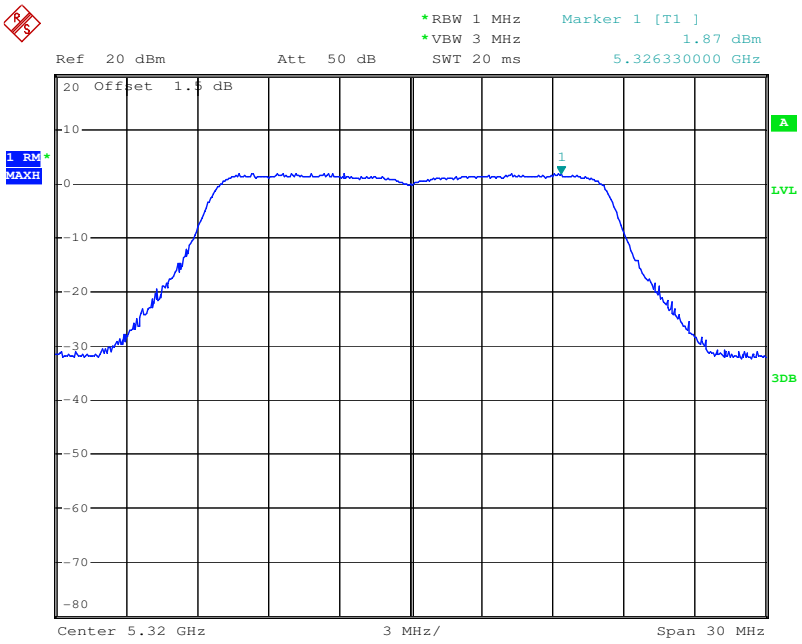
Test mode:	802.11a	Frequency(MHz):	5260



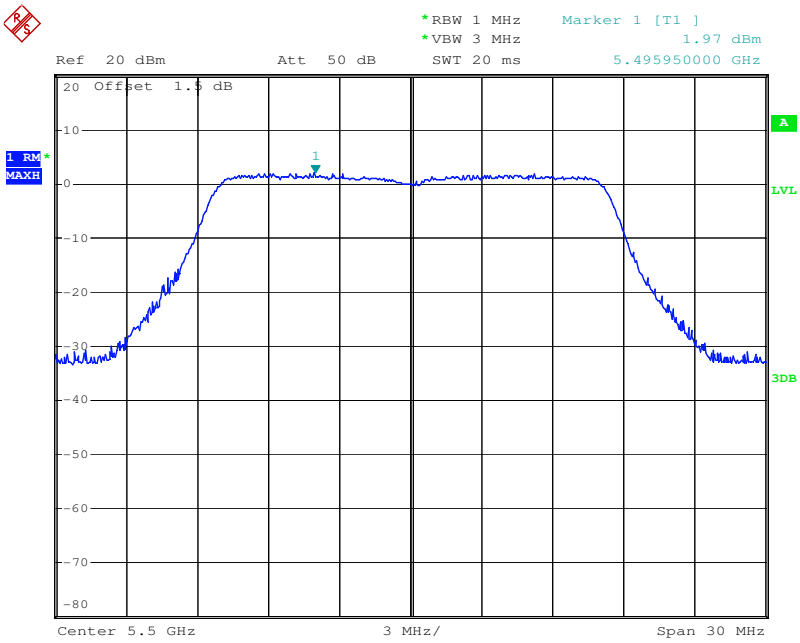
Test mode:	802.11a	Frequency(MHz):	5300



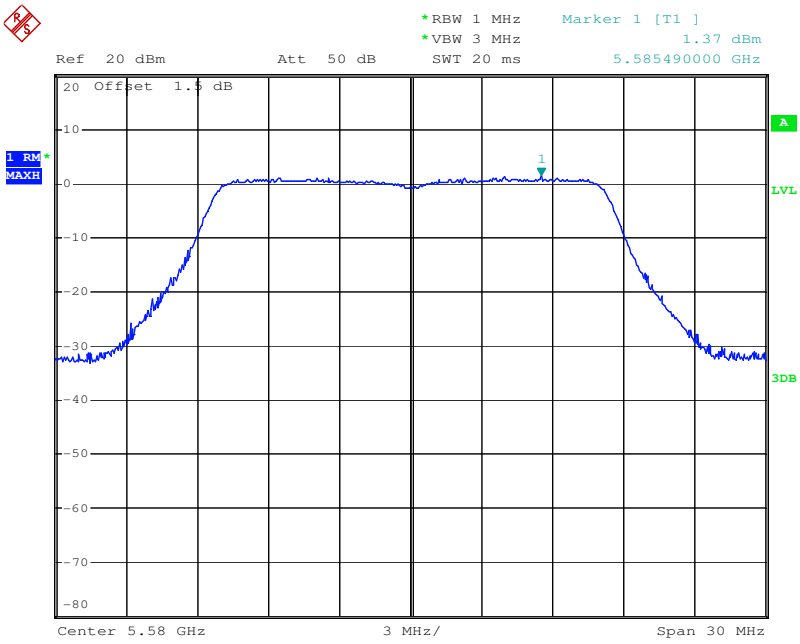
Test mode:	802.11a	Frequency(MHz):	5320



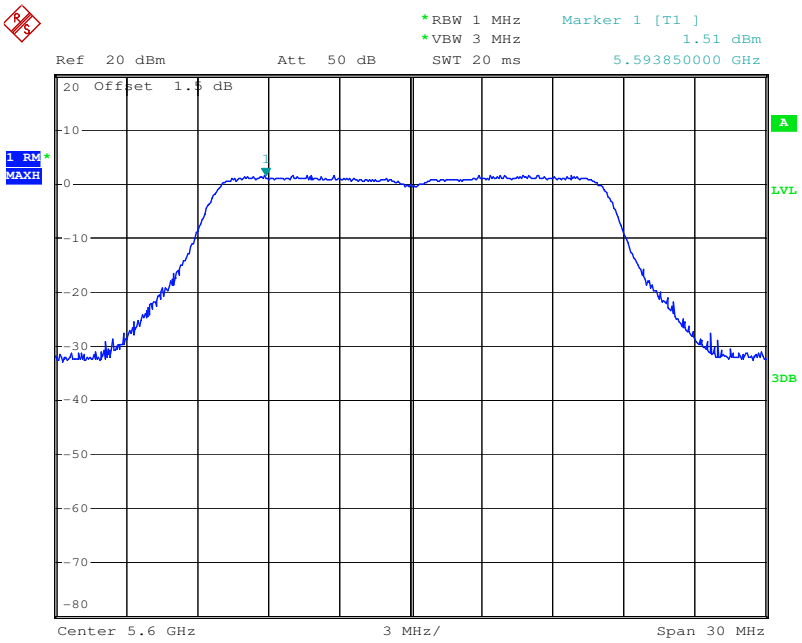
Test mode:	802.11a	Frequency(MHz):	5500



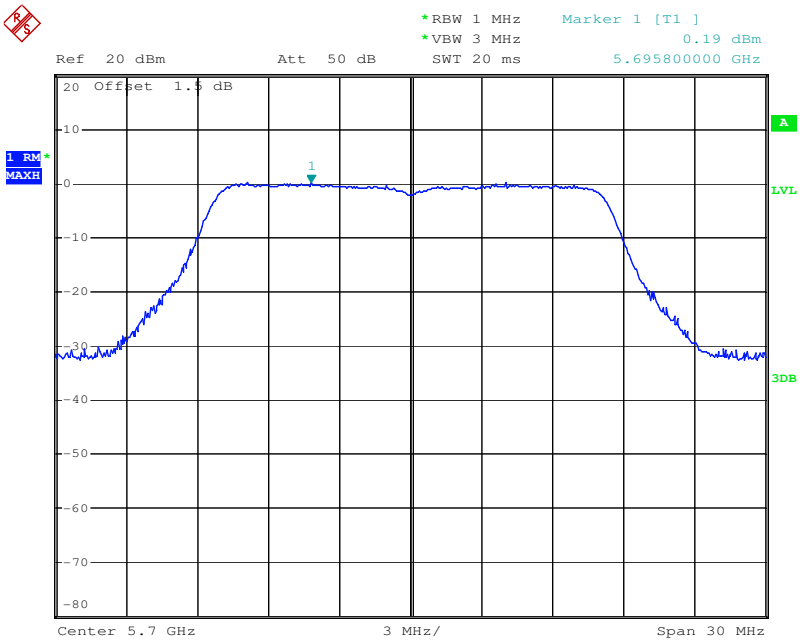
Test mode:	802.11a	Frequency(MHz):	5580



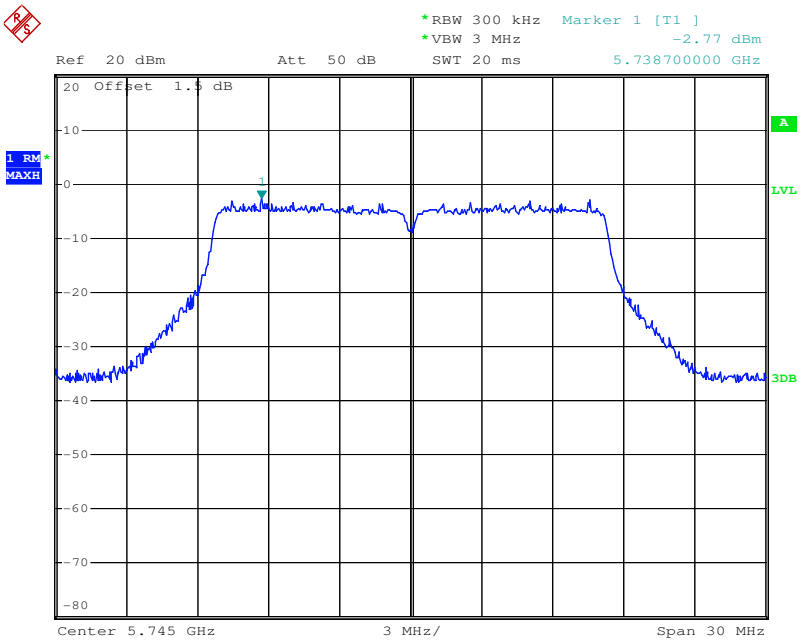
Test mode:	802.11a	Frequency(MHz):	5600



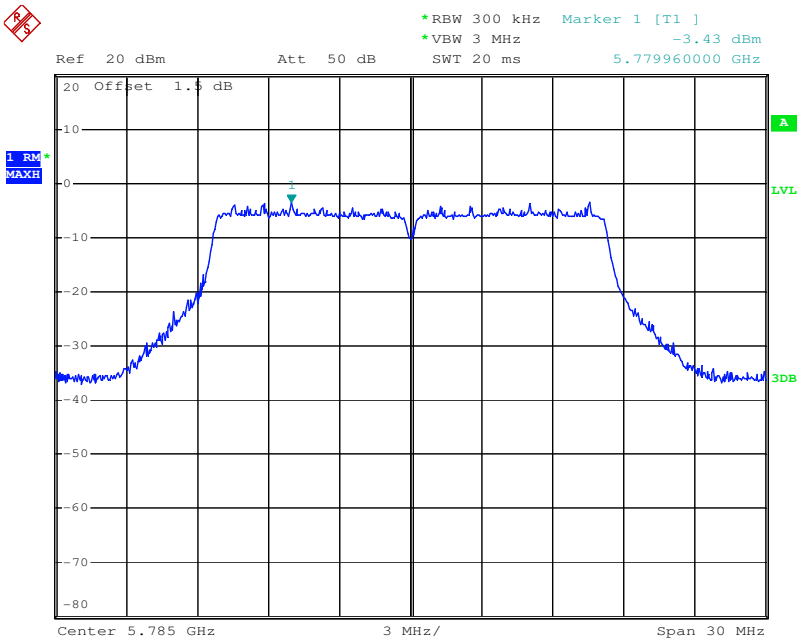
Test mode:	802.11a	Frequency(MHz):	5700



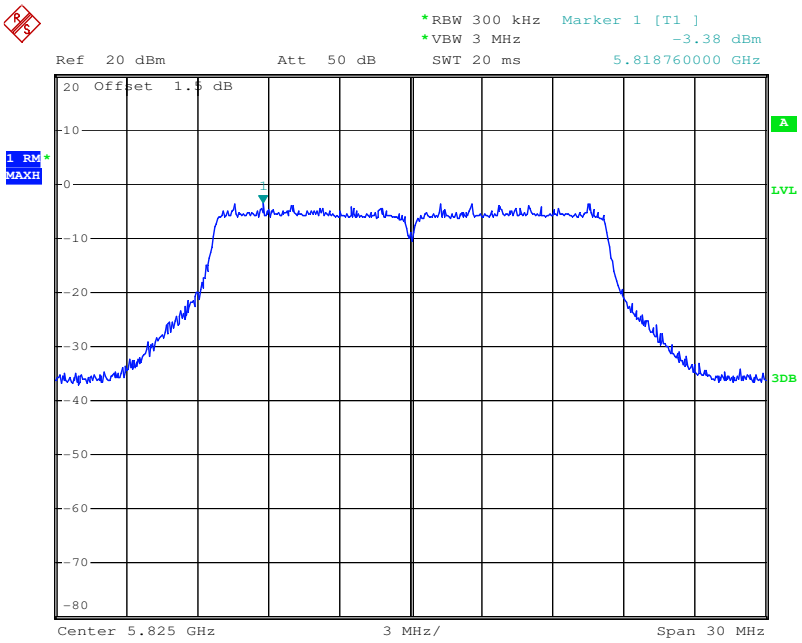
Test mode:	802.11a	Frequency(MHz):	5745



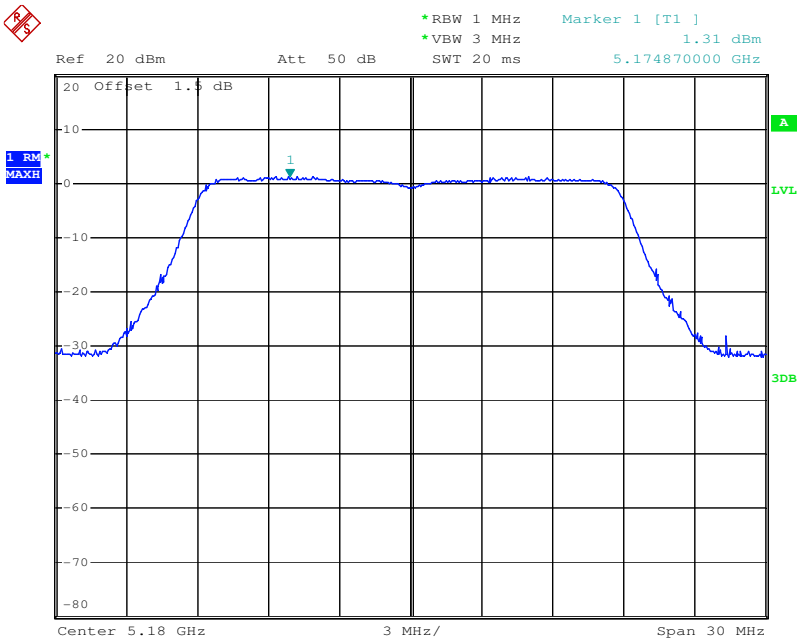
Test mode:	802.11a	Frequency(MHz):	5785



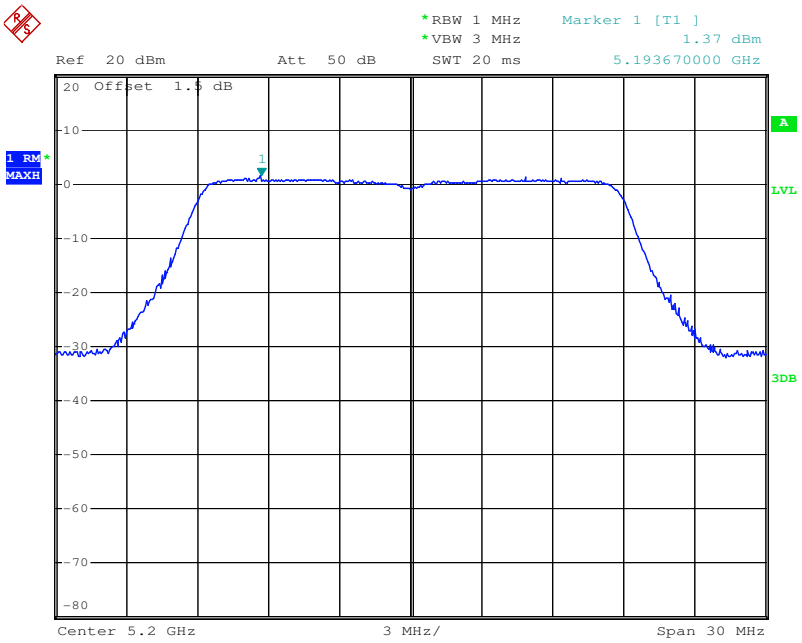
Test mode:	802.11a	Frequency(MHz):	5825



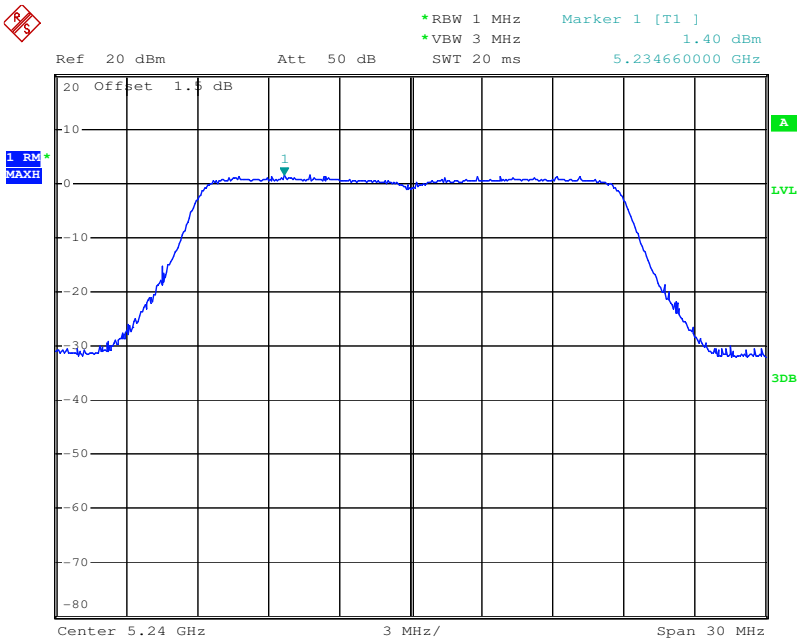
Test mode:	802.11n(HT20)	Frequency(MHz):	5180



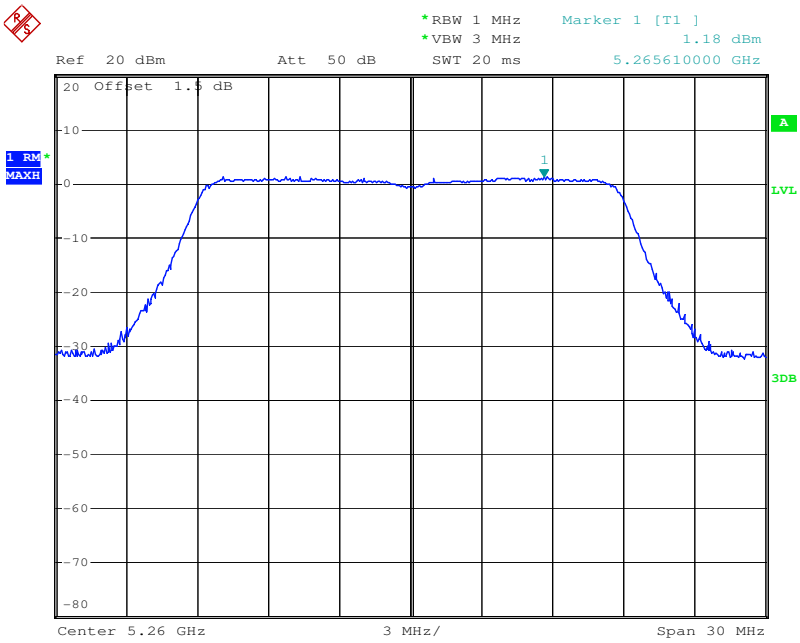
Test mode:	802.11n(HT20)	Frequency(MHz):	5220



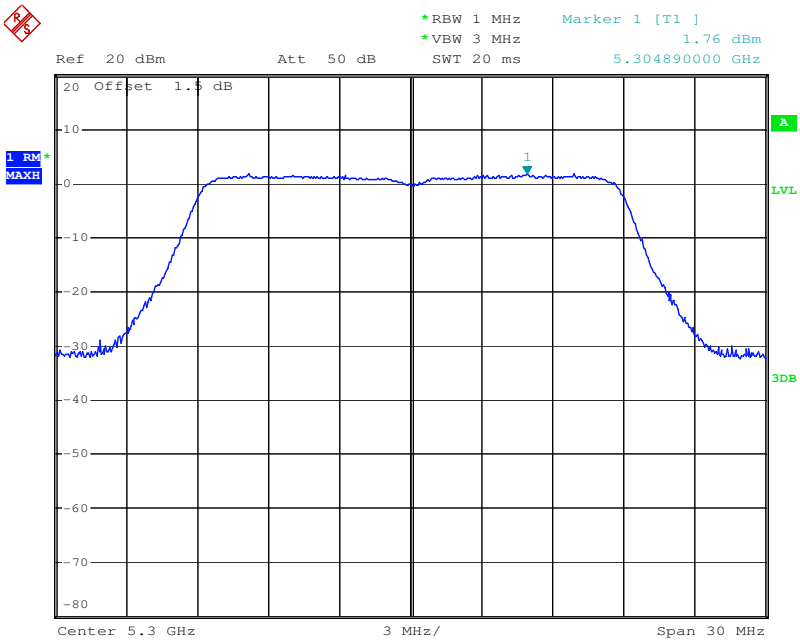
Test mode:	802.11n(HT20)	Frequency(MHz):	5240



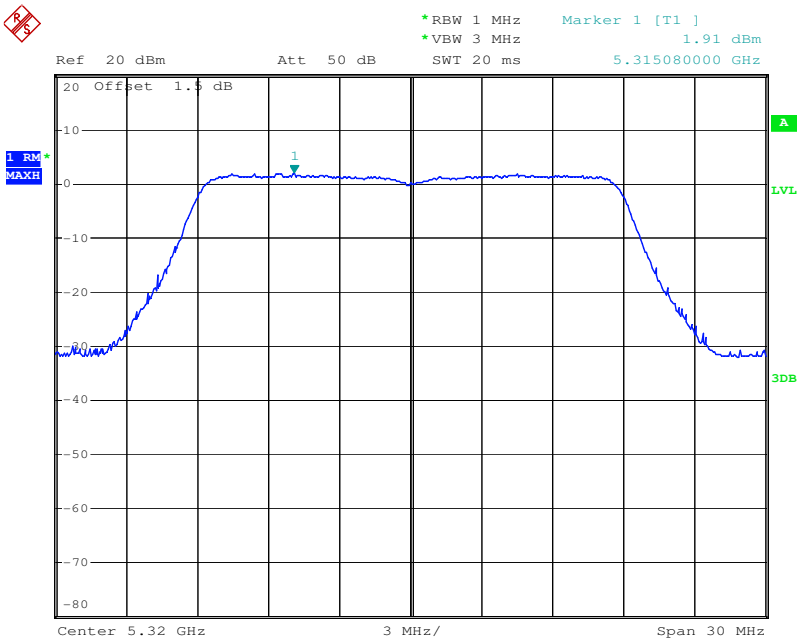
Test mode:	802.11n(HT20)	Frequency(MHz):	5260



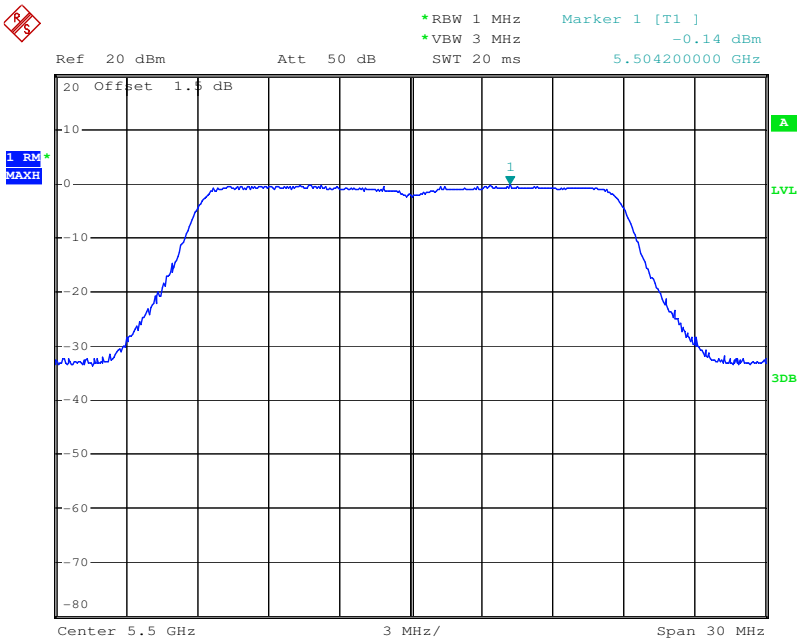
Test mode:	802.11n(HT20)	Frequency(MHz):	5300



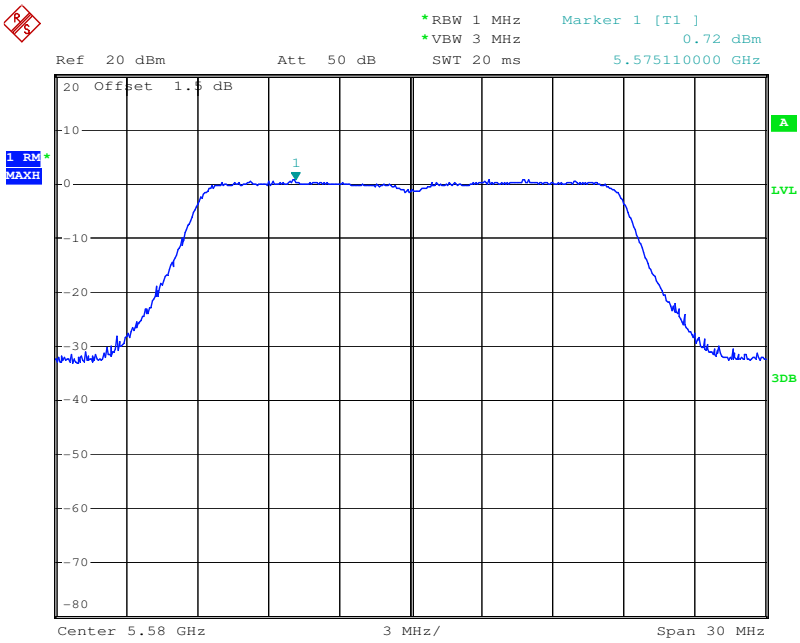
Test mode:	802.11n(HT20)	Frequency(MHz):	5320



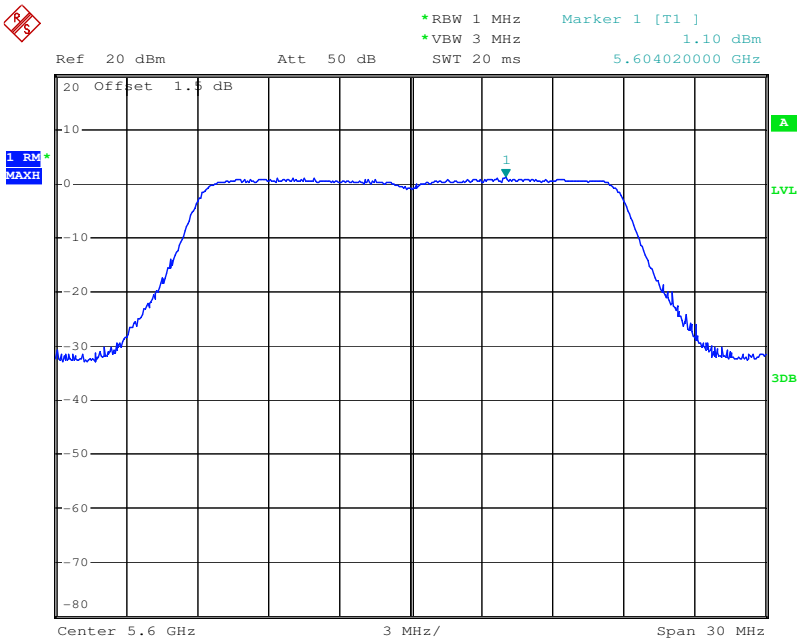
Test mode:	802.11n(HT20)	Frequency(MHz):	5500



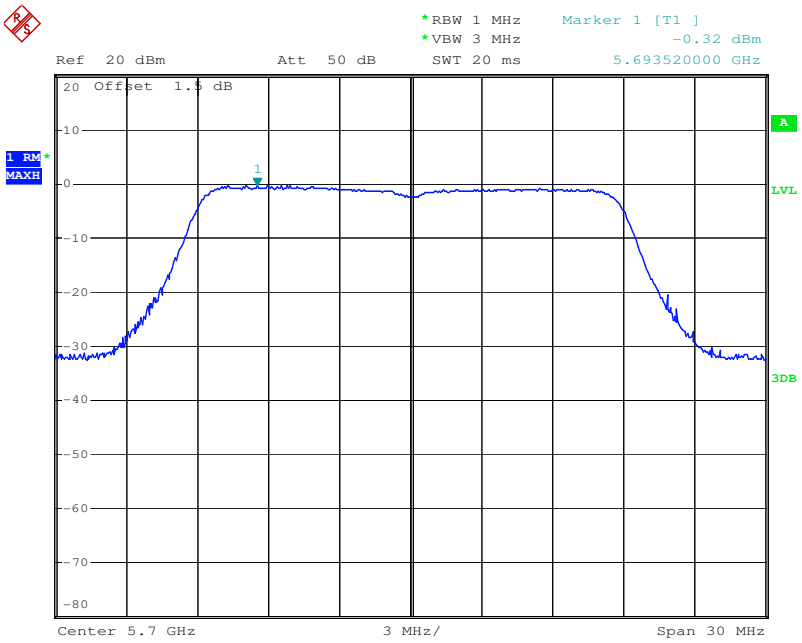
Test mode:	802.11n(HT20)	Frequency(MHz):	5580



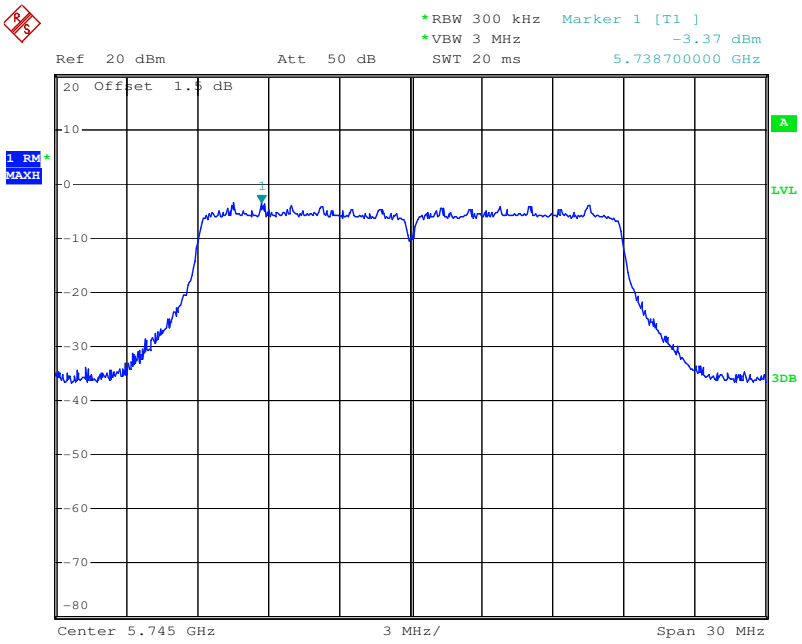
Test mode:	802.11n(HT20)	Frequency(MHz):	5600



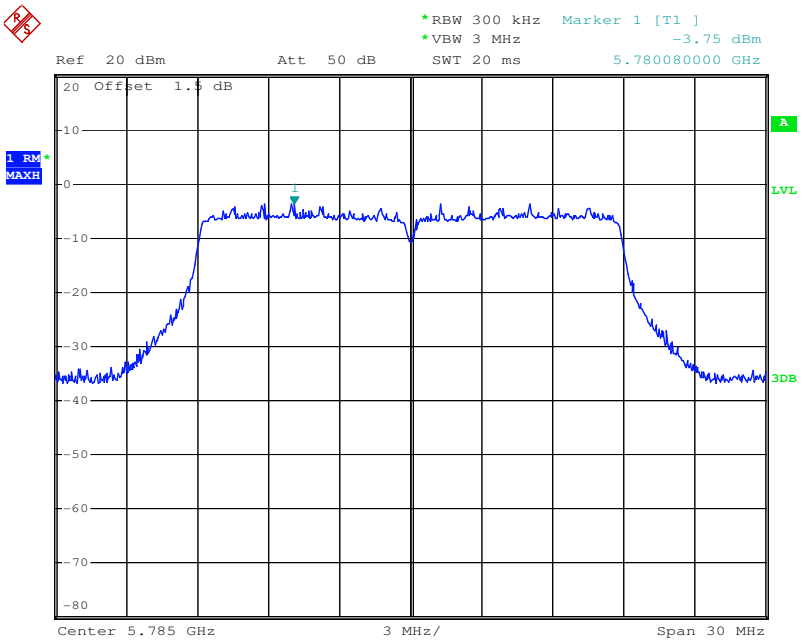
Test mode:	802.11n(HT20)	Frequency(MHz):	5700



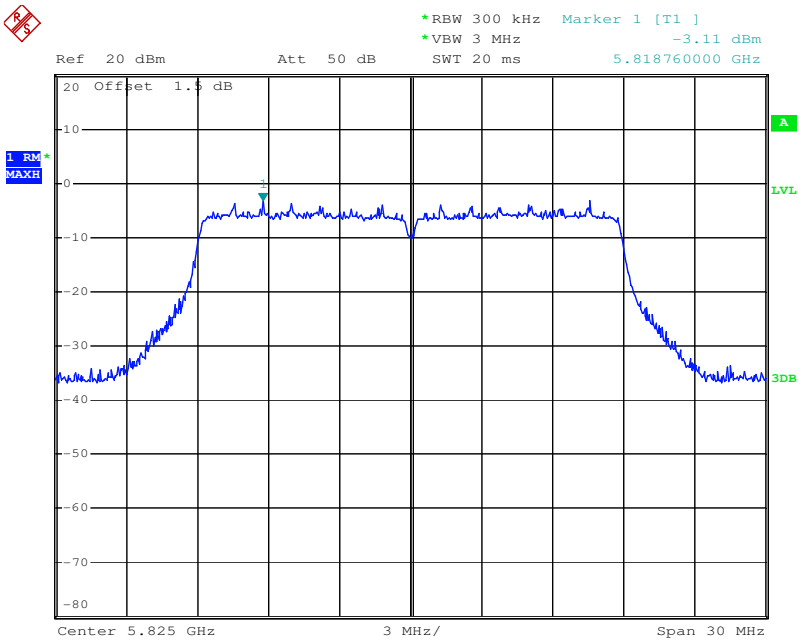
Test mode:	802.11n(HT20)	Frequency(MHz):	5745



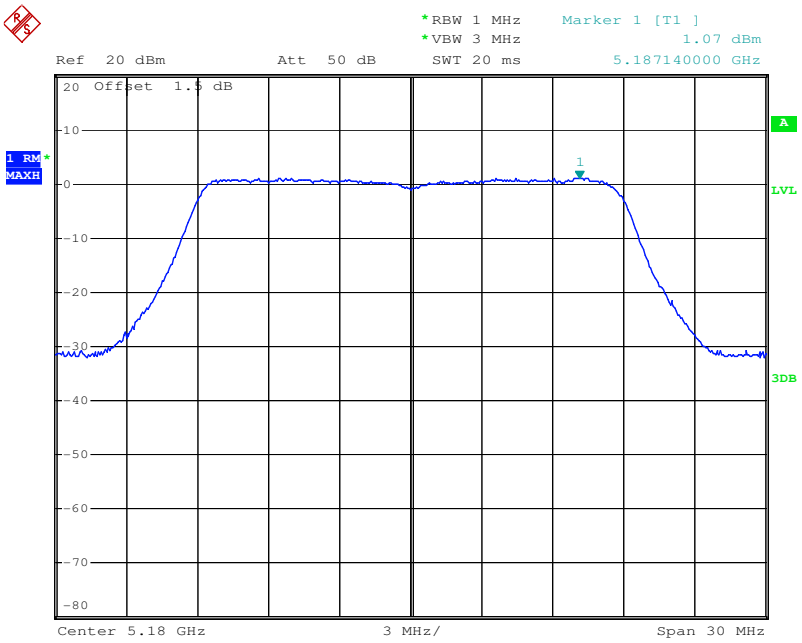
Test mode:	802.11n(HT20)	Frequency(MHz):	5785



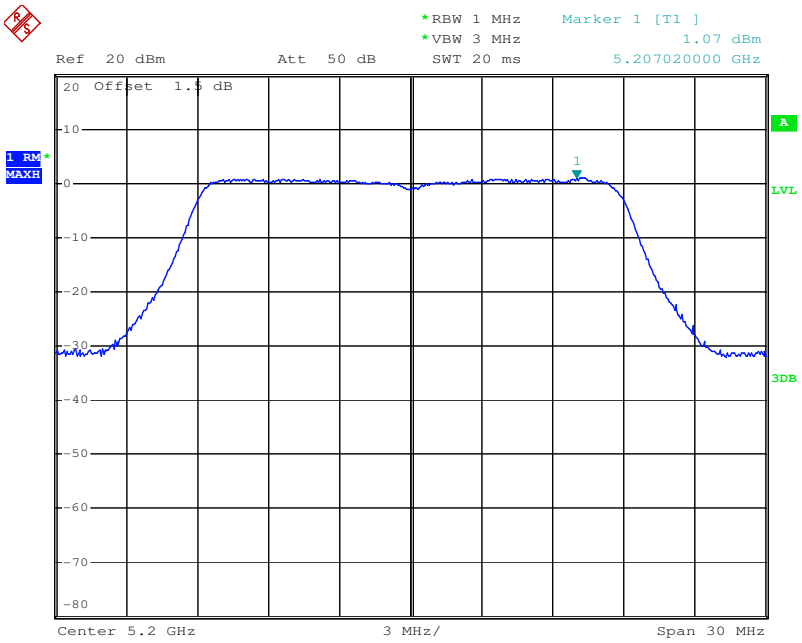
Test mode:	802.11n(HT20)	Frequency(MHz):	5825



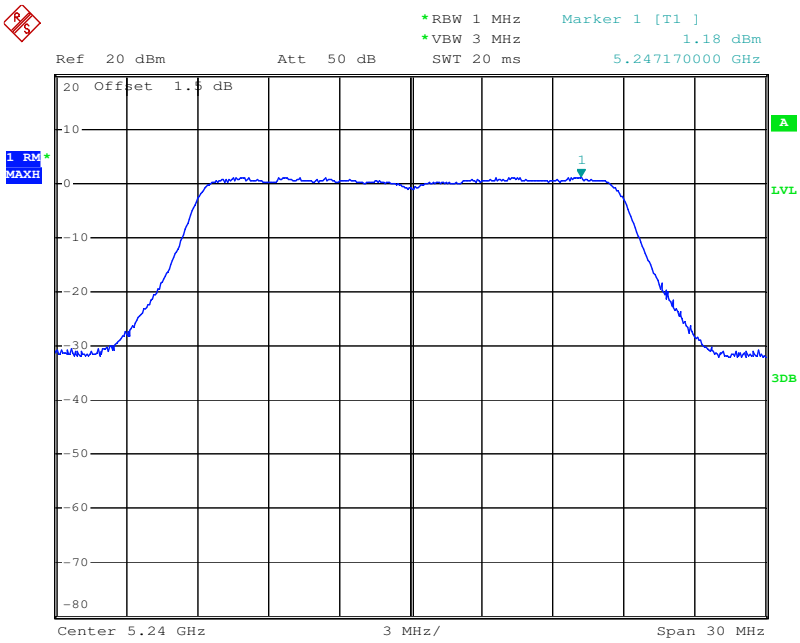
Test mode:	802.11ac(HT20)	Frequency(MHz):	5180



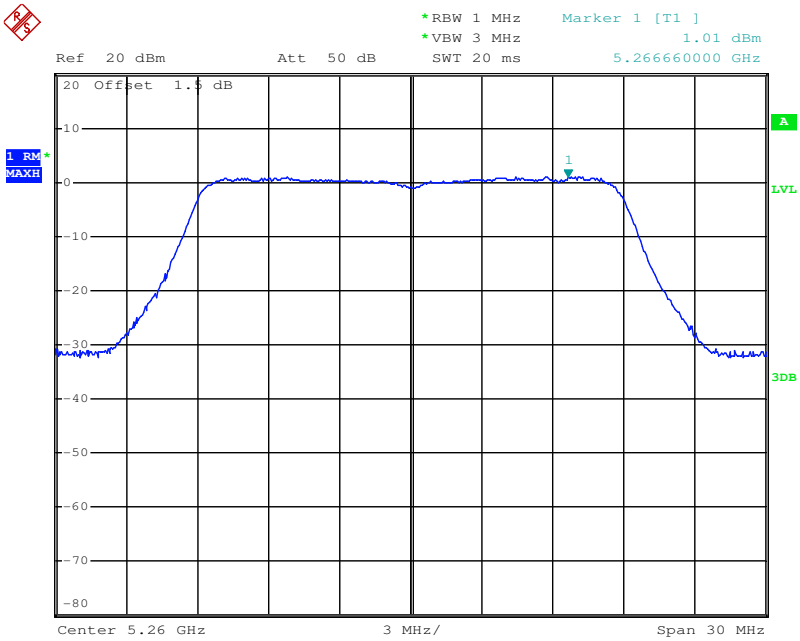
Test mode:	802.11ac(HT20)	Frequency(MHz):	5220



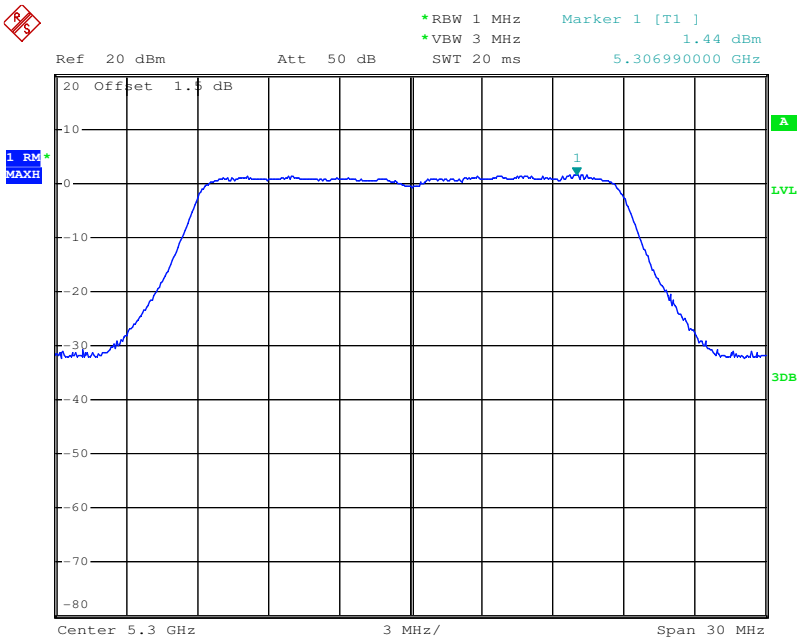
Test mode:	802.11ac(HT20)	Frequency(MHz):	5240



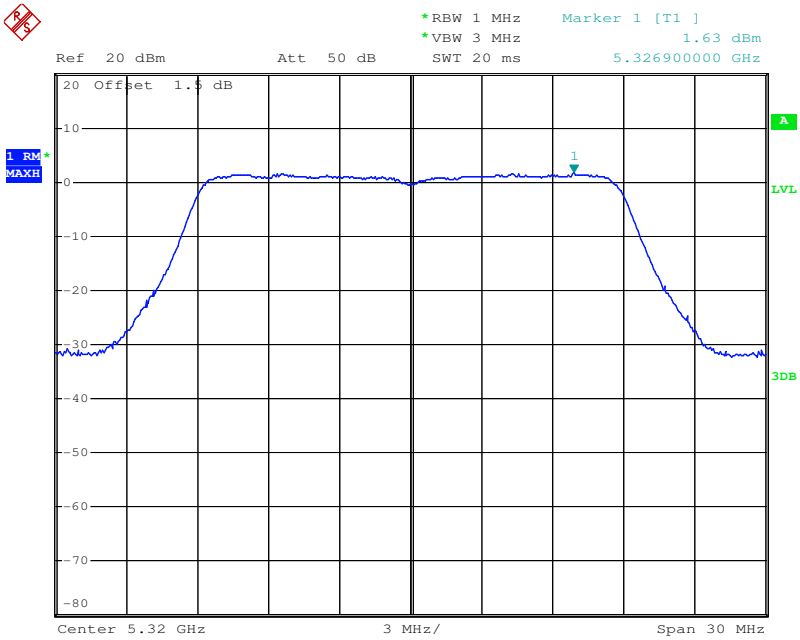
Test mode:	802.11ac(HT20)	Frequency(MHz):	5260



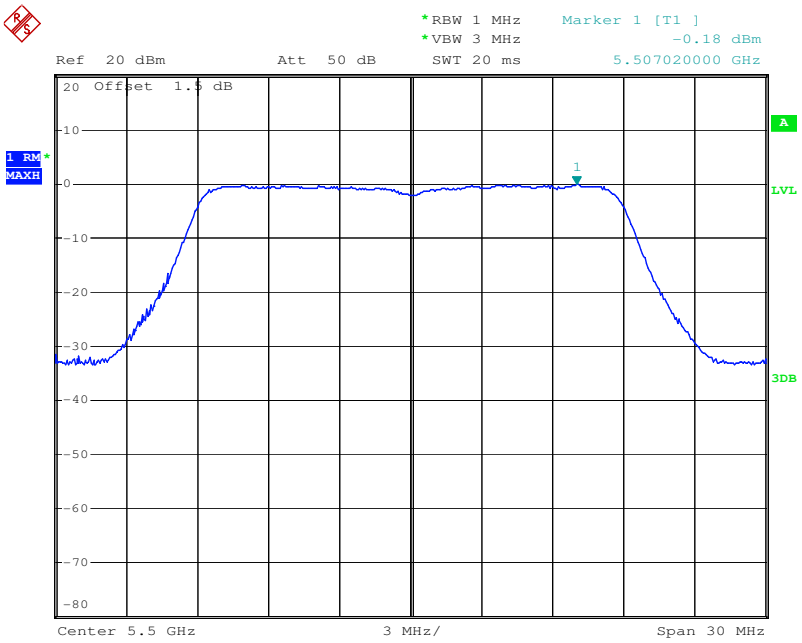
Test mode:	802.11ac(HT20)	Frequency(MHz):	5300



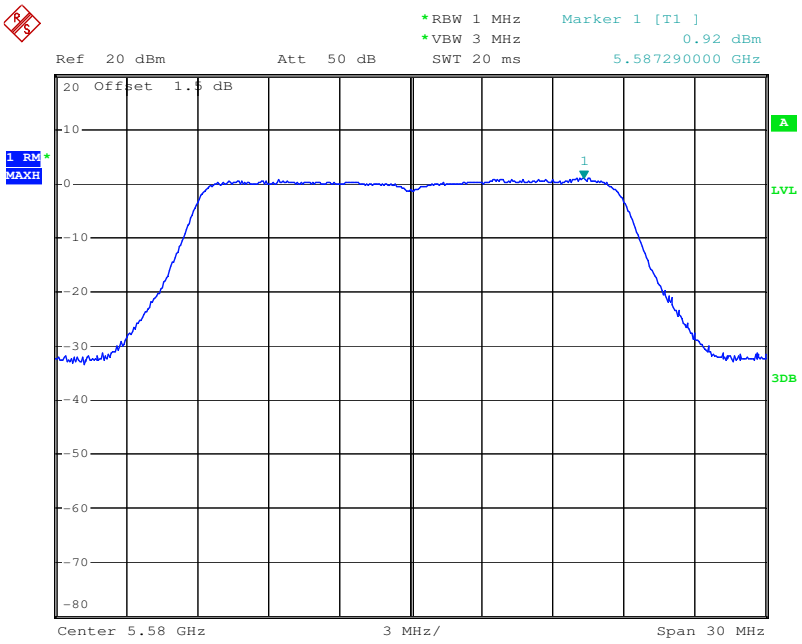
Test mode:	802.11ac(HT20)	Frequency(MHz):	5320



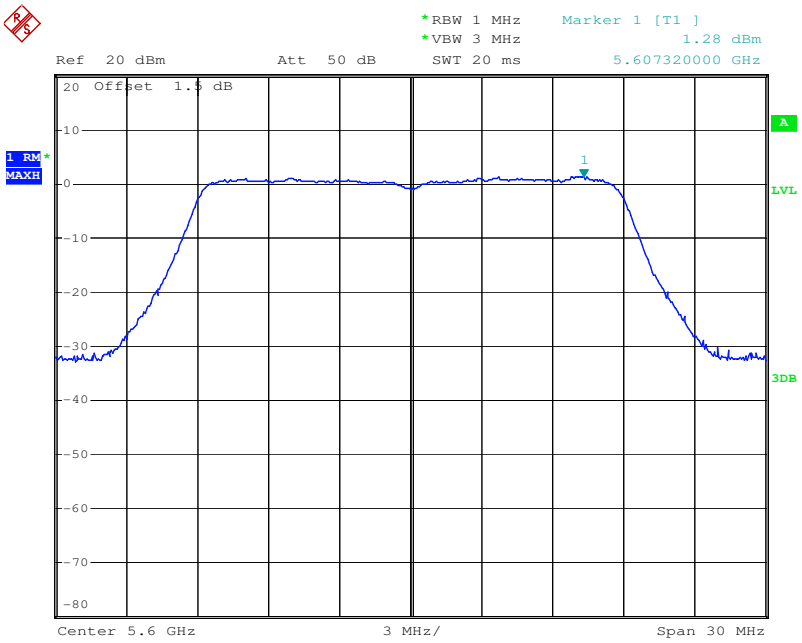
Test mode:	802.11ac(HT20)	Frequency(MHz):	5500



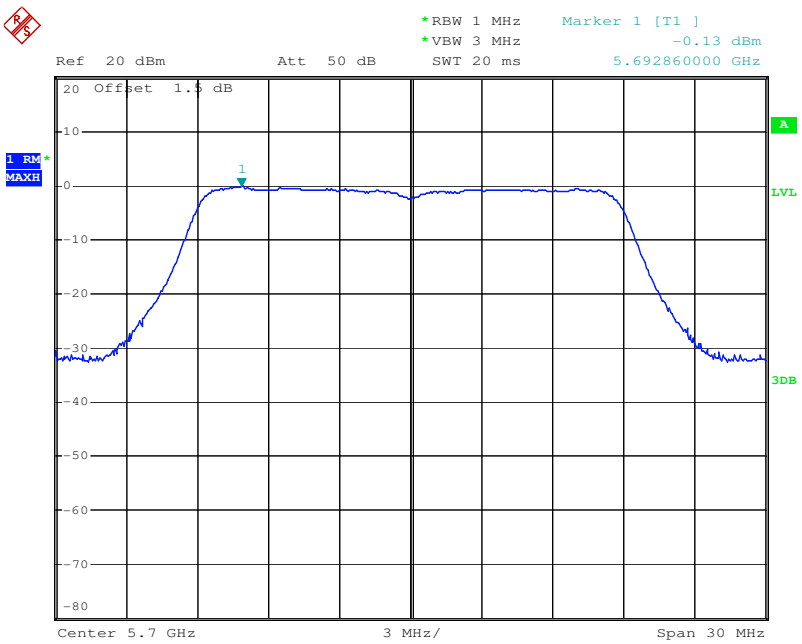
Test mode:	802.11ac(HT20)	Frequency(MHz):	5580



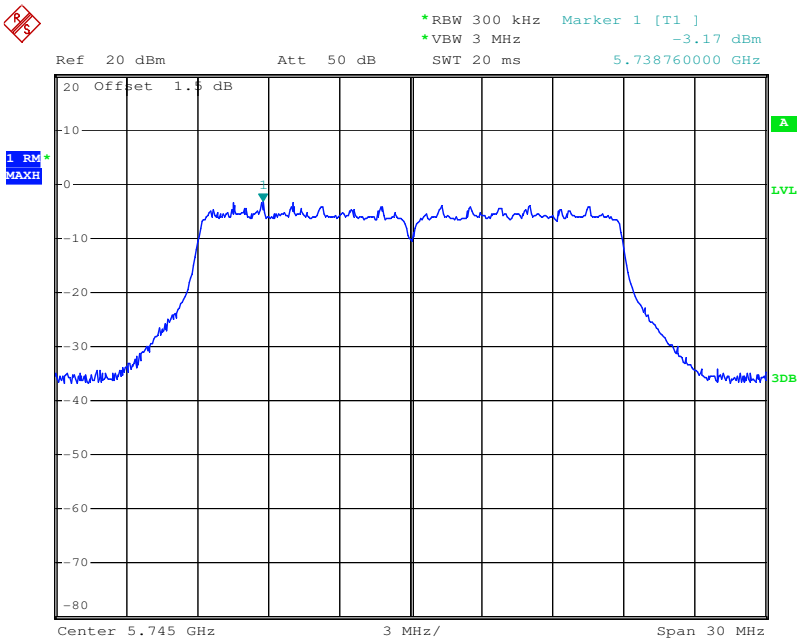
Test mode:	802.11ac(HT20)	Frequency(MHz):	5600



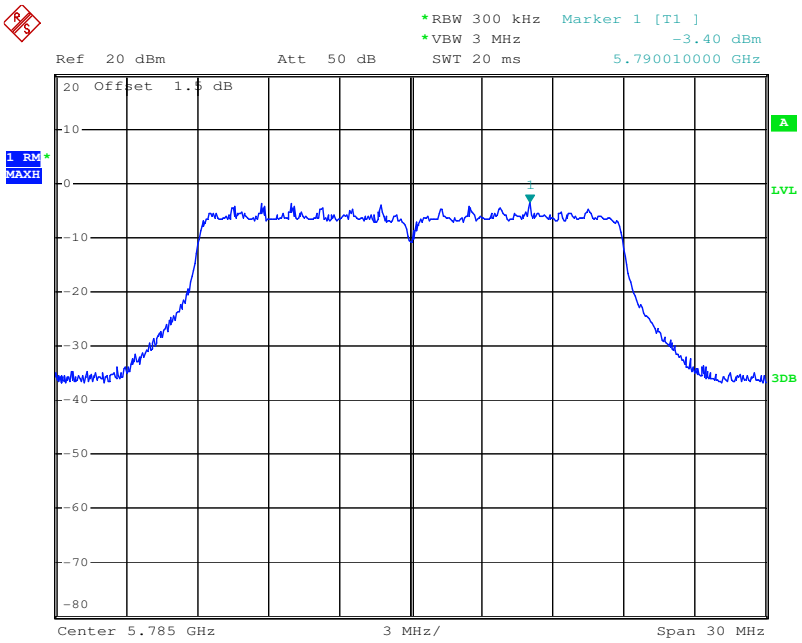
Test mode:	802.11ac(HT20)	Frequency(MHz):	5700



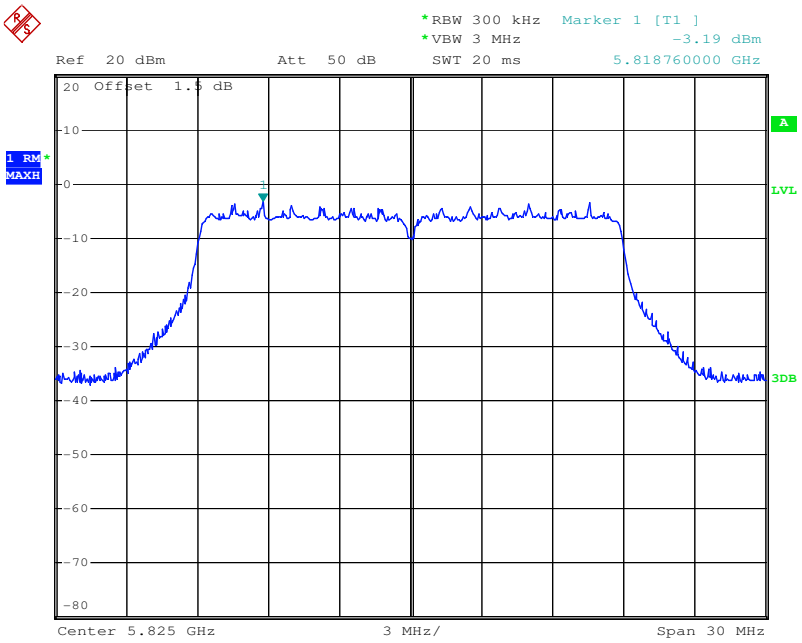
Test mode:	802.11ac(HT20)	Frequency(MHz):	5745



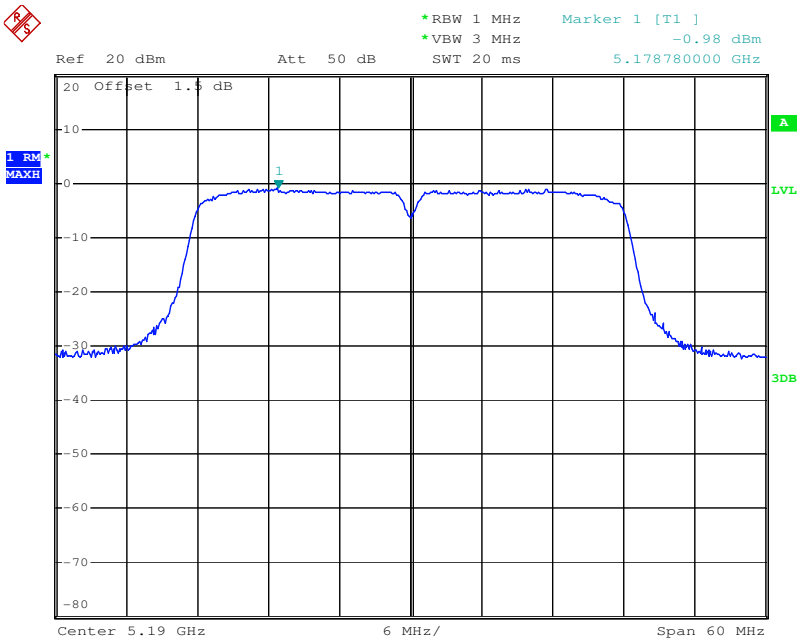
Test mode:	802.11ac(HT20)	Frequency(MHz):	5785



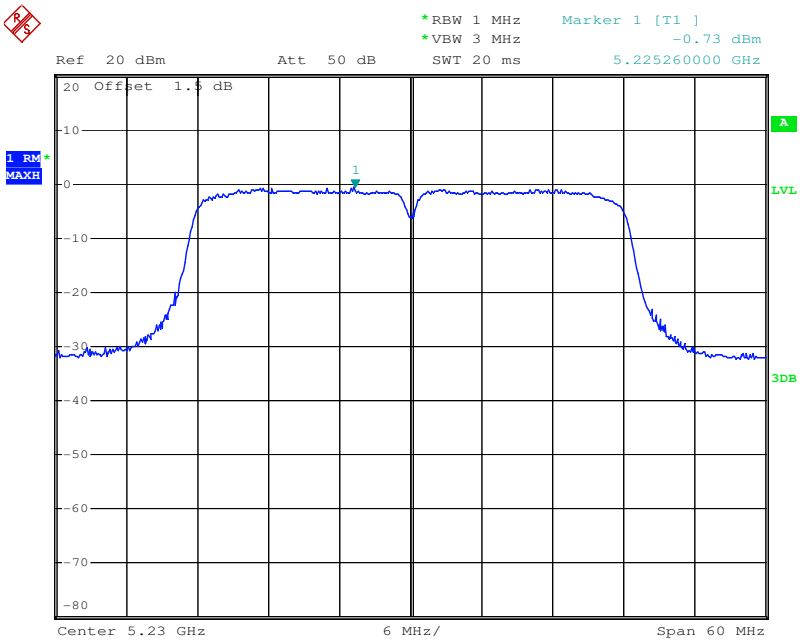
Test mode:	802.11ac(HT20)	Frequency(MHz):	5825



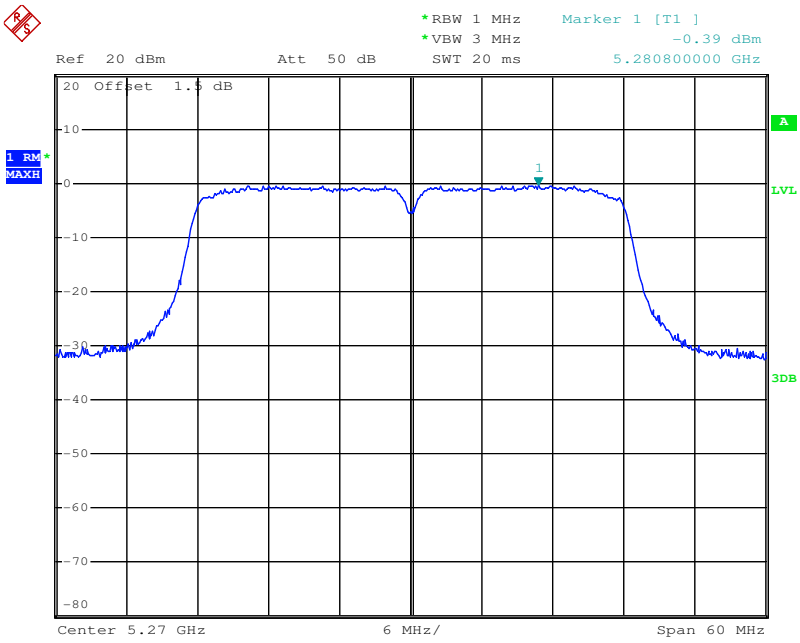
Test mode:	802.11n(HT40)	Frequency(MHz):	5190



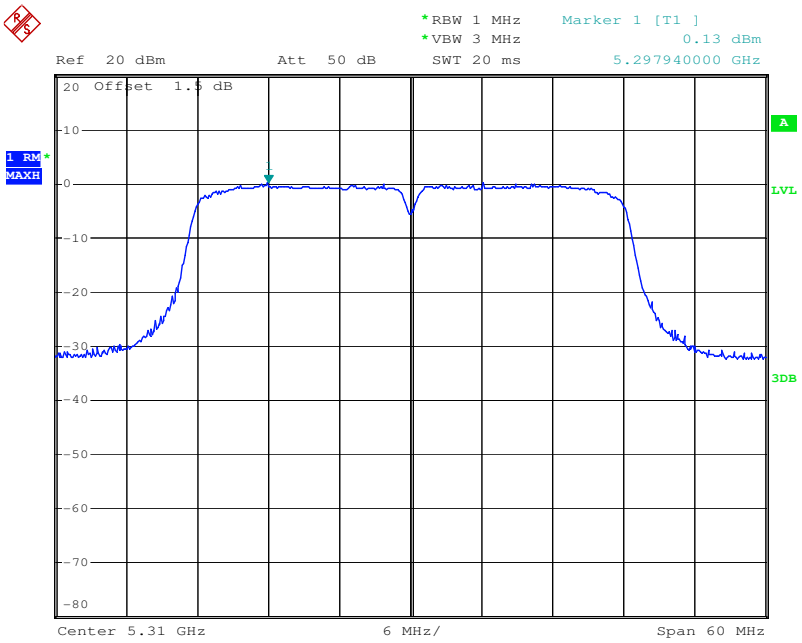
Test mode:	802.11n(HT40)	Frequency(MHz):	5230



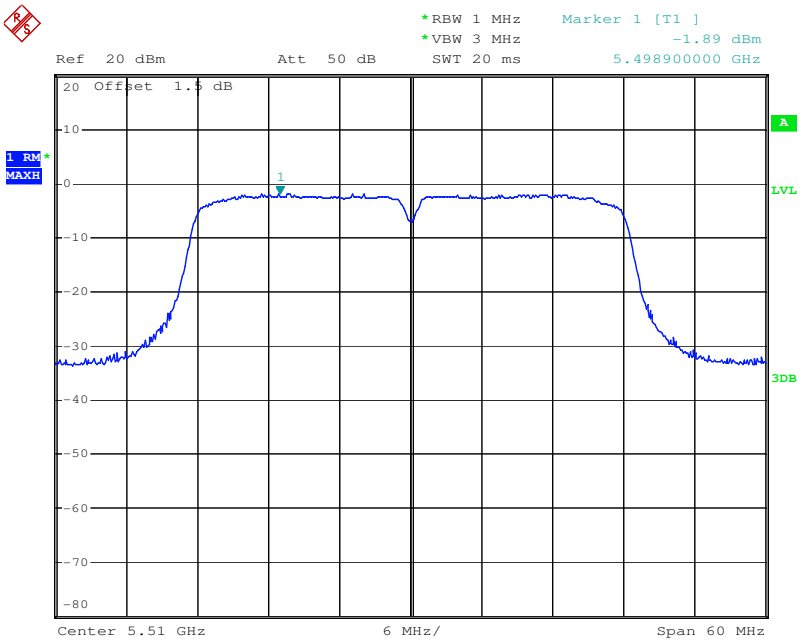
Test mode:	802.11n(HT40)	Frequency(MHz):	5270



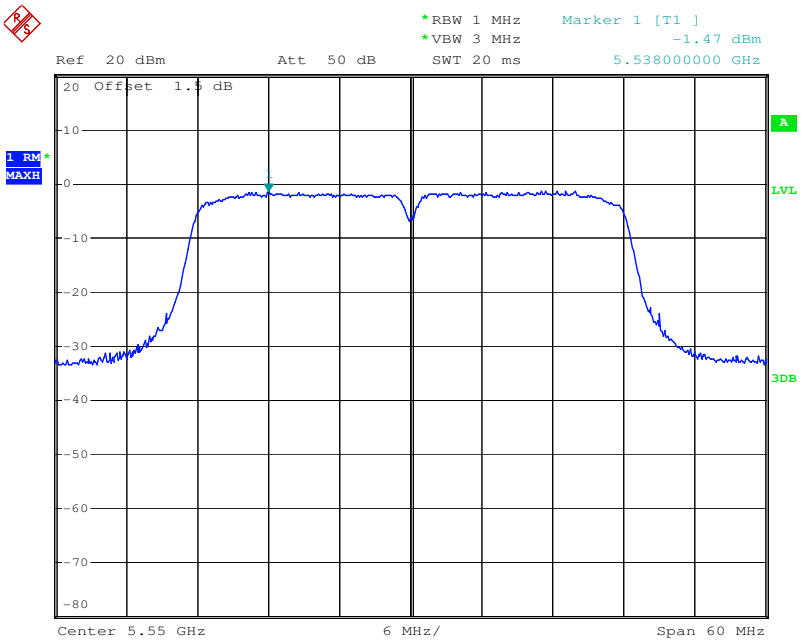
Test mode:	802.11n(HT40)	Frequency(MHz):	5310



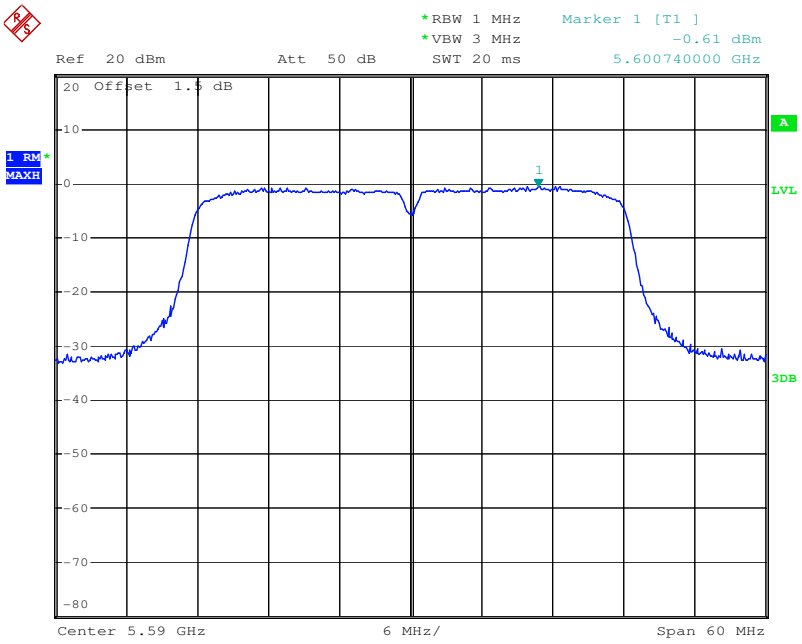
Test mode:	802.11n(HT40)	Frequency(MHz):	5510



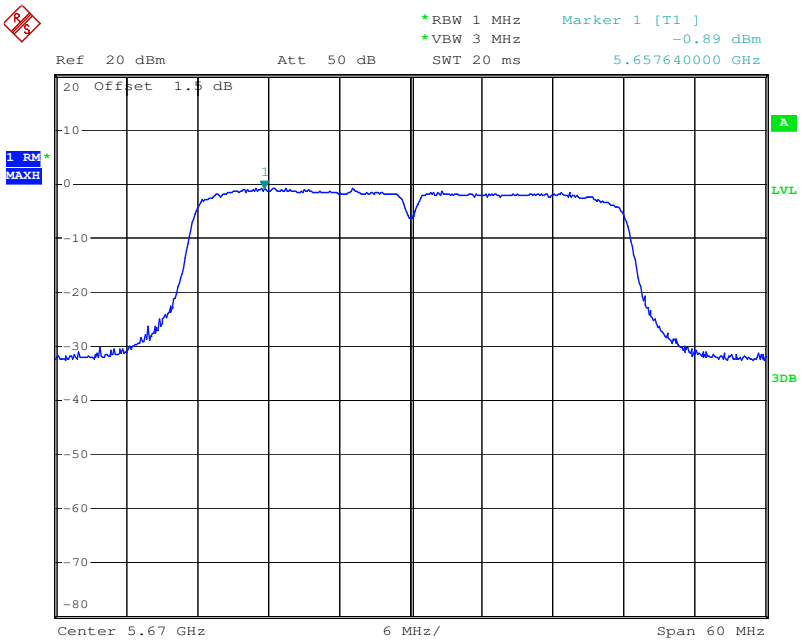
Test mode:	802.11n(HT40)	Frequency(MHz):	5550



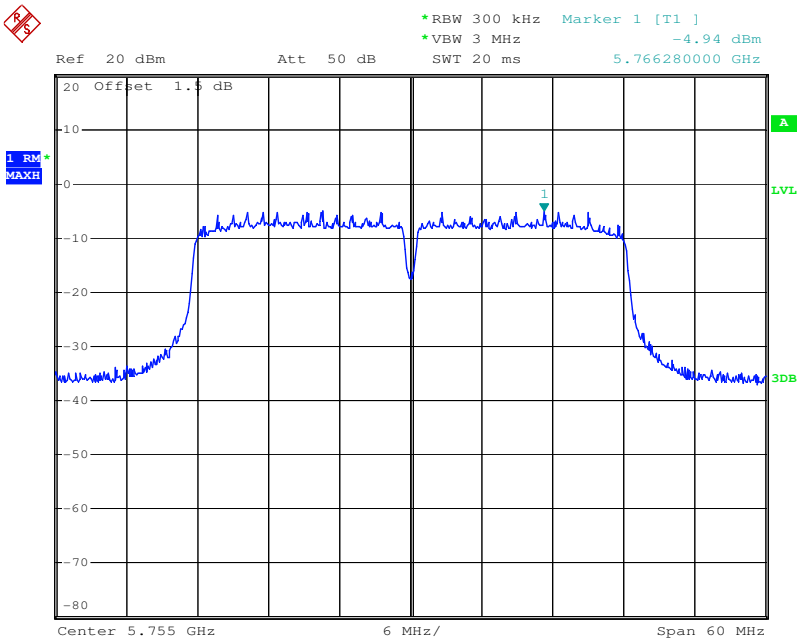
Test mode:	802.11n(HT40)	Frequency(MHz):	5590



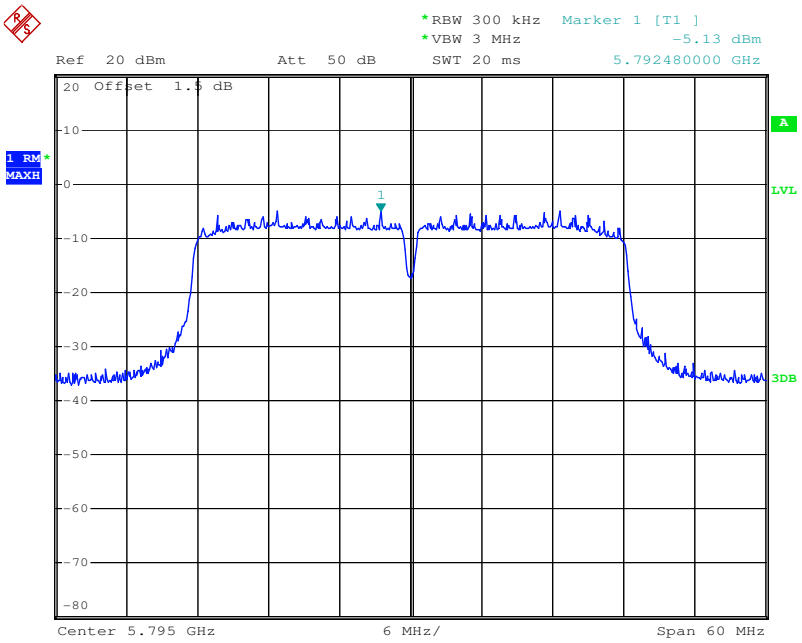
Test mode:	802.11n(HT40)	Frequency(MHz):	5670



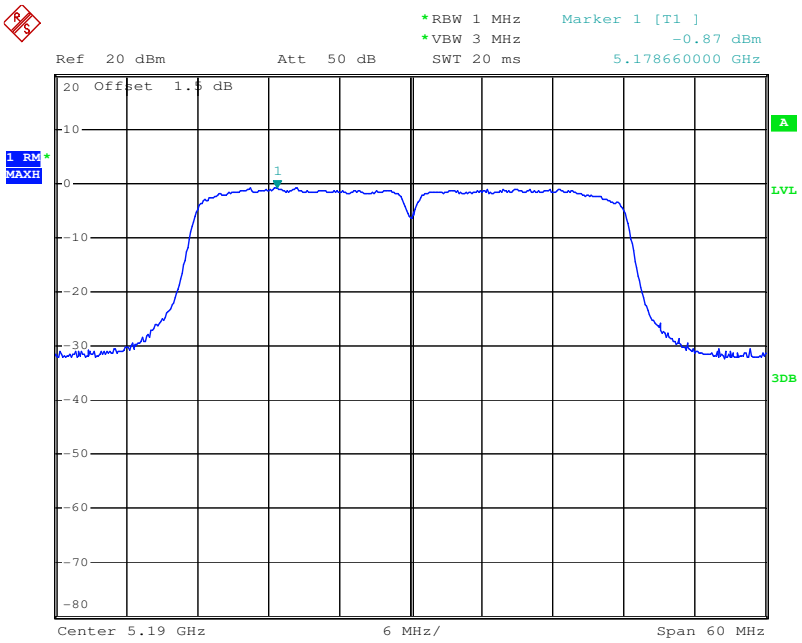
Test mode:	802.11n(HT40)	Frequency(MHz):	5755



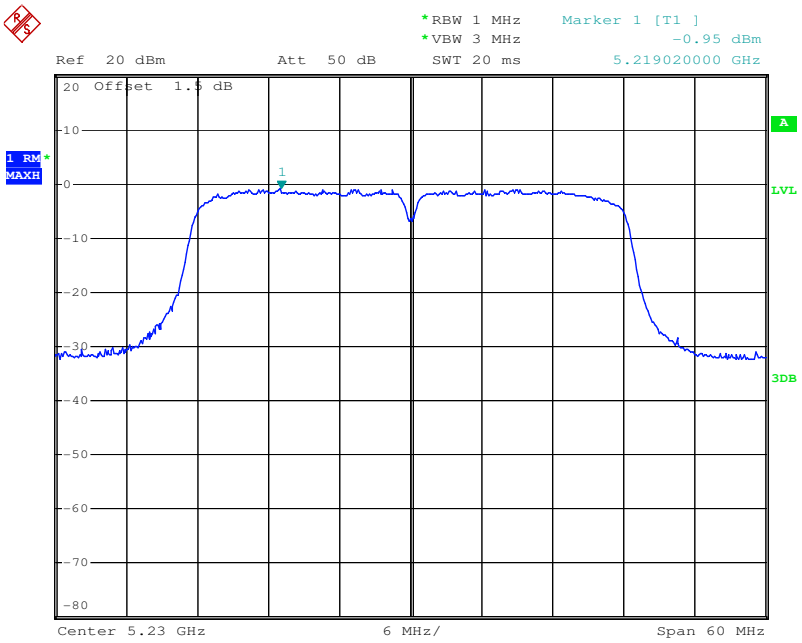
Test mode:	802.11n(HT40)	Frequency(MHz):	5795



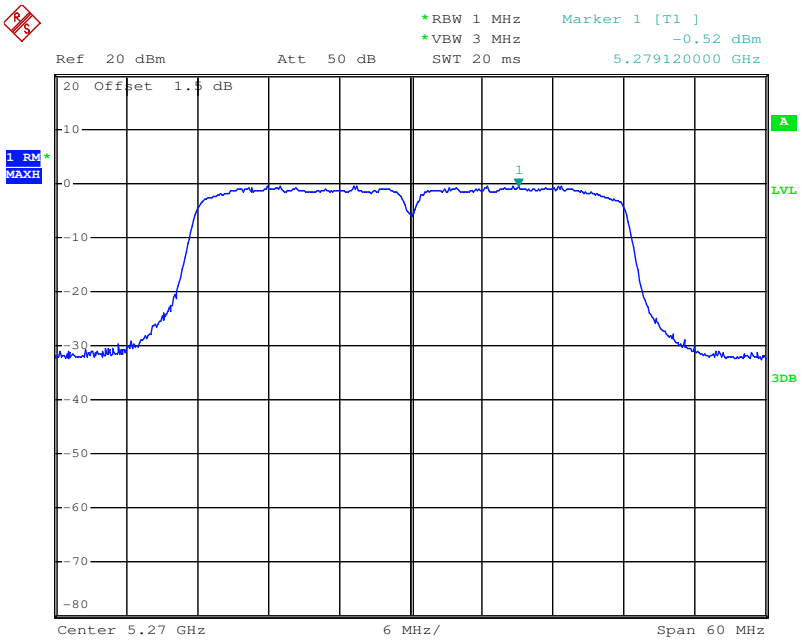
Test mode:	802.11ac(HT40)	Frequency(MHz):	5190



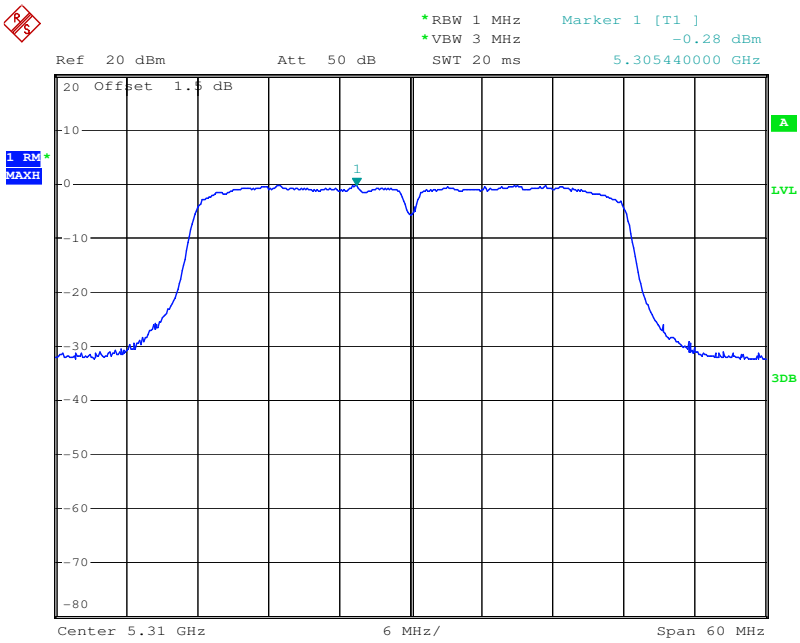
Test mode:	802.11ac(HT40)	Frequency(MHz):	5230



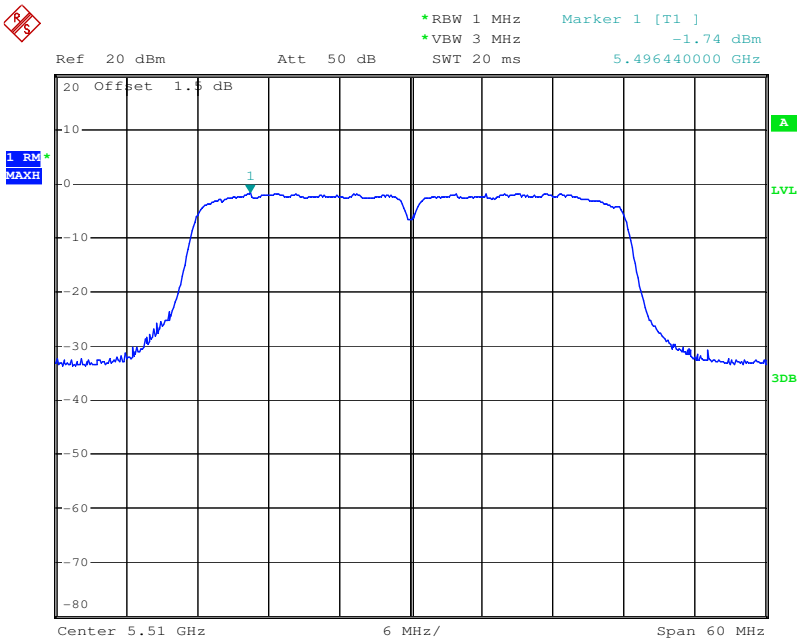
Test mode:	802.11ac(HT40)	Frequency(MHz):	5270



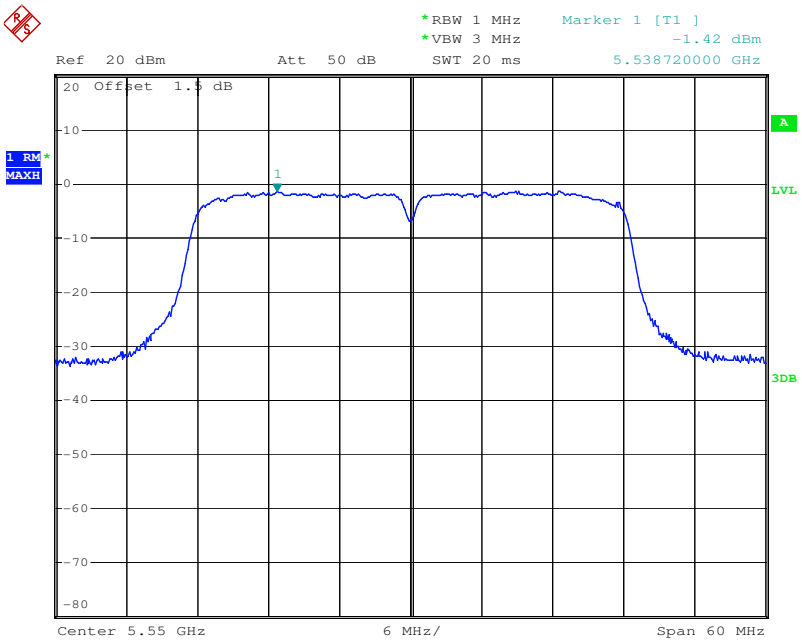
Test mode:	802.11ac(HT40)	Frequency(MHz):	5310



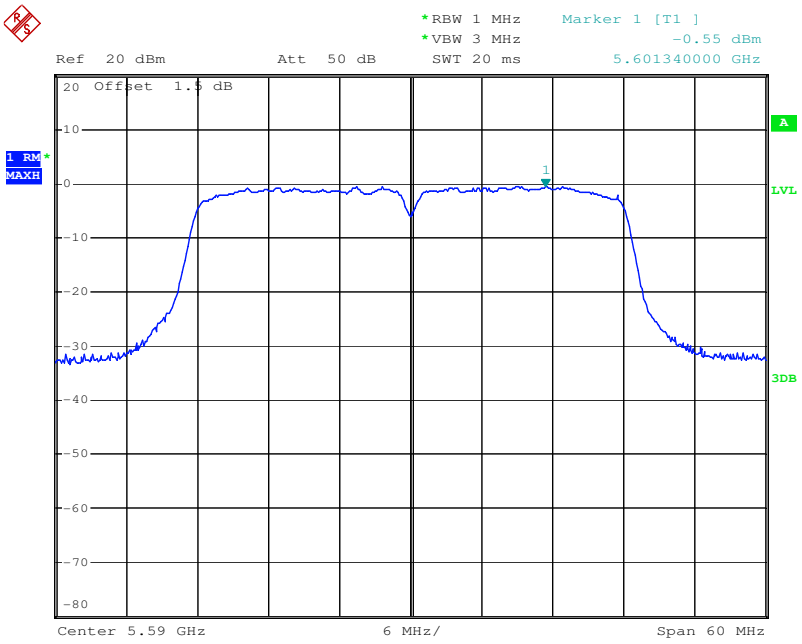
Test mode:	802.11ac(HT40)	Frequency(MHz):	5510



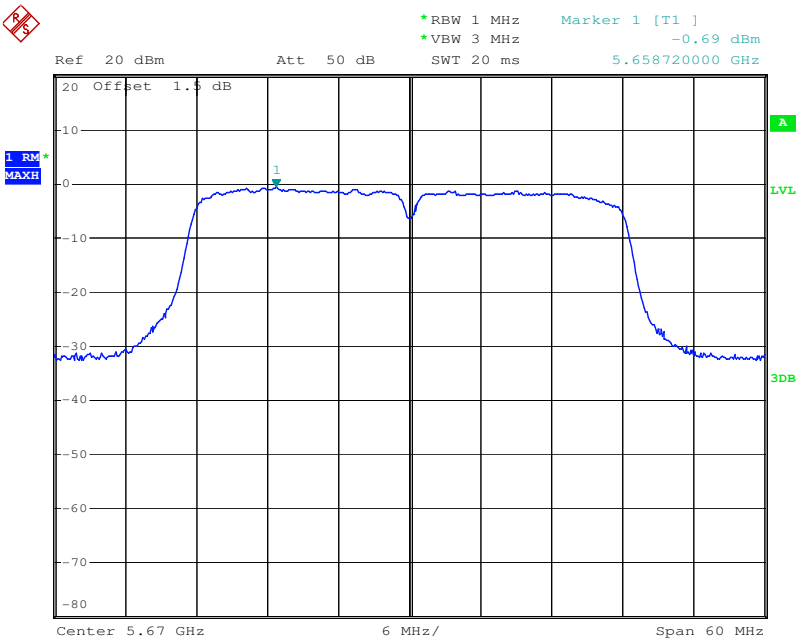
Test mode:	802.11ac(HT40)	Frequency(MHz):	5550



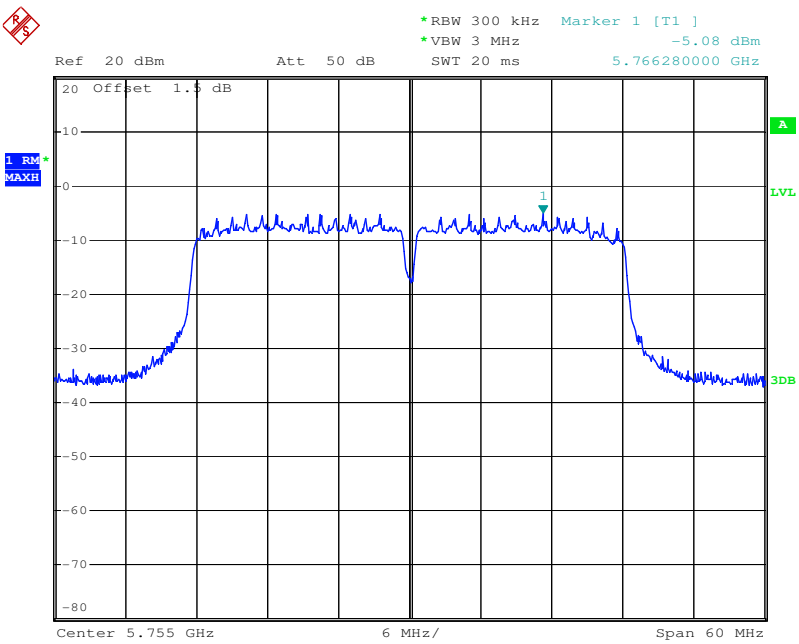
Test mode:	802.11ac(HT40)	Frequency(MHz):	5590



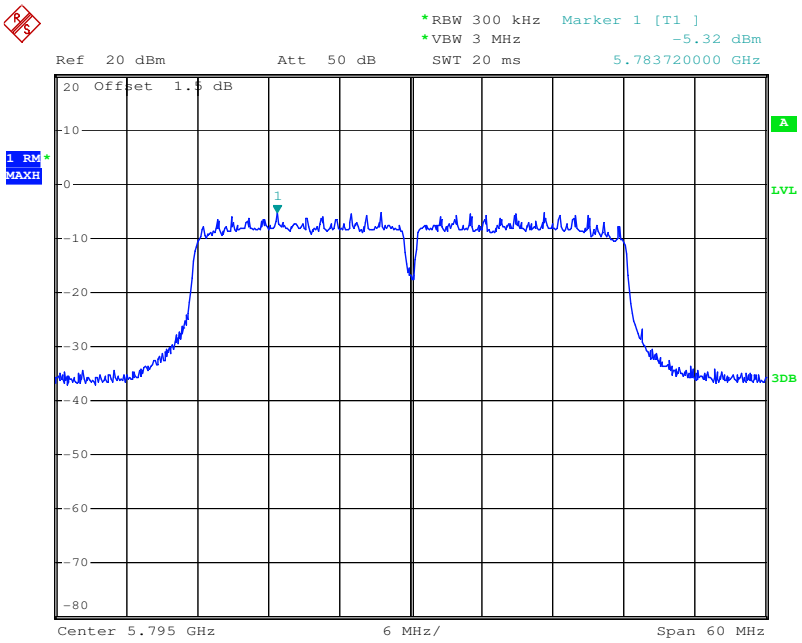
Test mode:	802.11ac(HT40)	Frequency(MHz):	5670



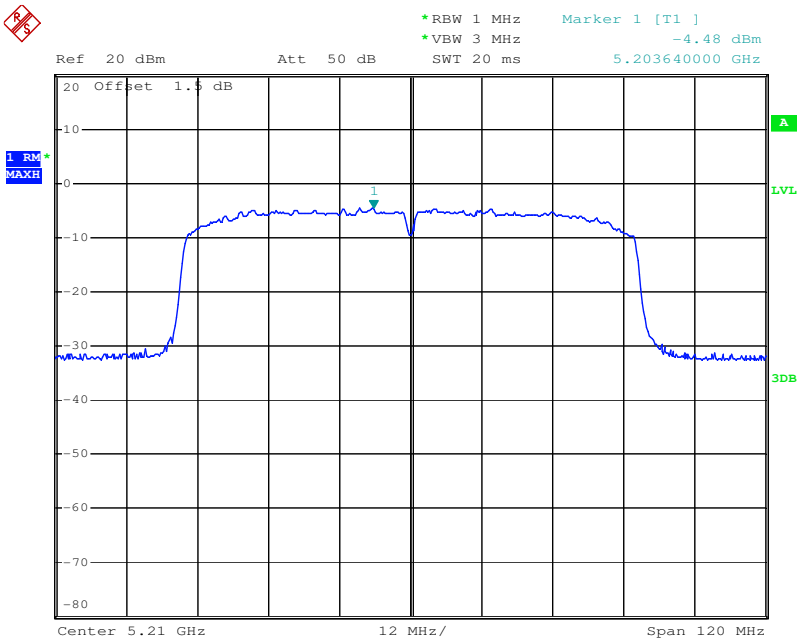
Test mode:	802.11ac(HT40)	Frequency(MHz):	5755



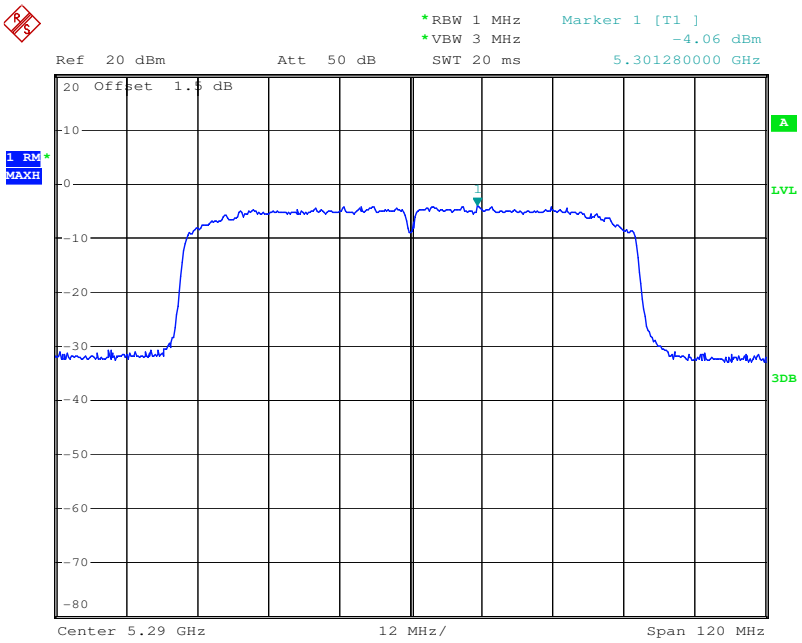
Test mode:	802.11ac(HT40)	Frequency(MHz):	5795



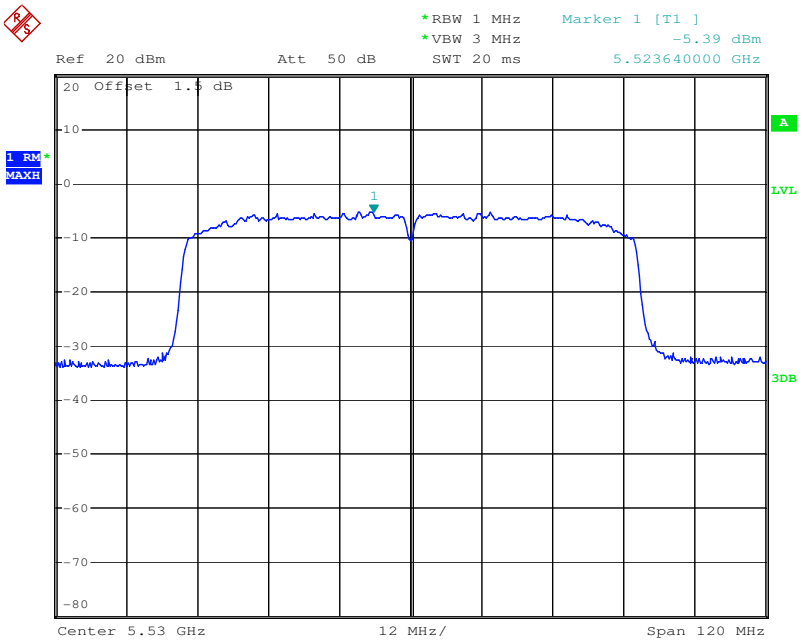
est mode:	802.11ac(HT80)	Frequency(MHz):	5210



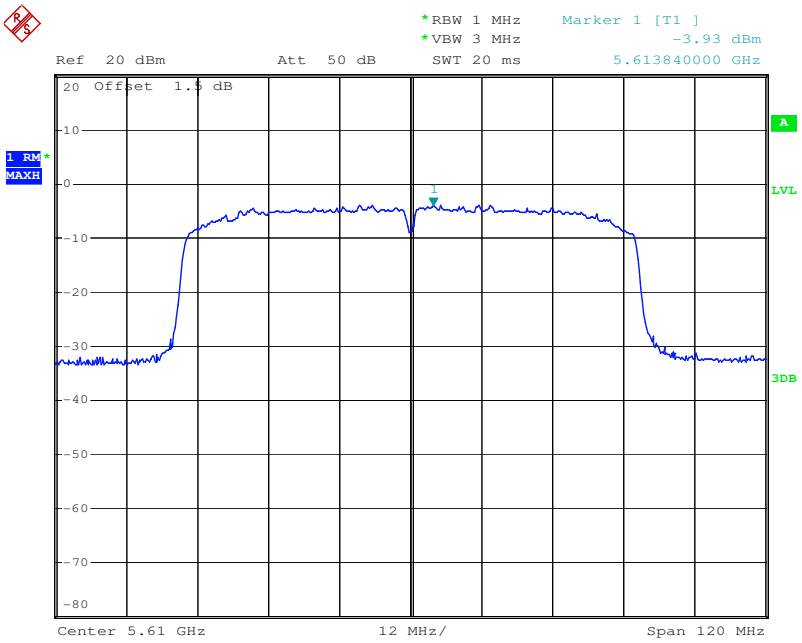
Test mode:	802.11ac(HT80)	Frequency(MHz):	5290



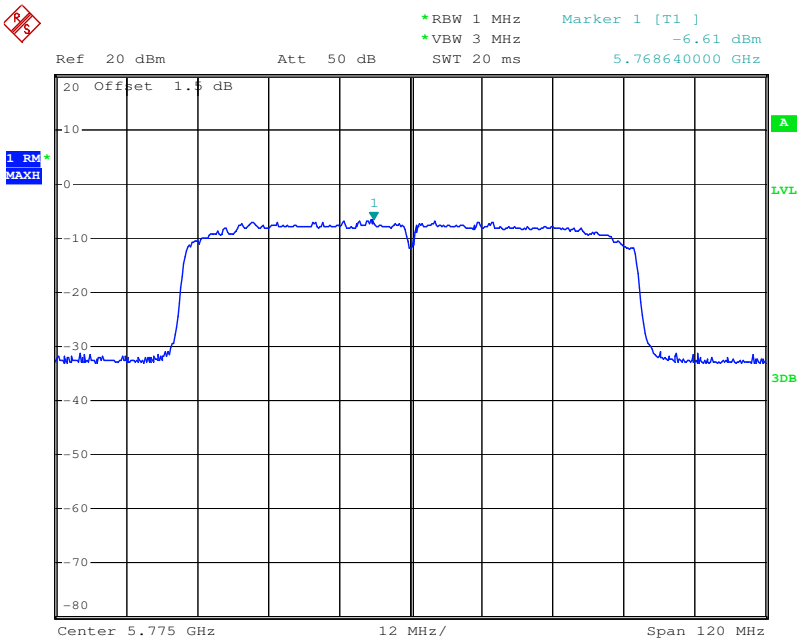
Test mode:	802.11ac(HT80)	Frequency(MHz):	5530



Test mode:	802.11ac(HT80)	Frequency(MHz):	5610



Test mode:	802.11ac(HT80)	Frequency(MHz):	5775



6.8 Radiated Spurious Emissions

Test Requirement:	47 CFR Part 15 Section 15.407(b)
Test Method:	ANSI C63.10: 2013
Test Site:	Measurement Distance: 3m (Semi-Anechoic Chamber)
Test Setup:	

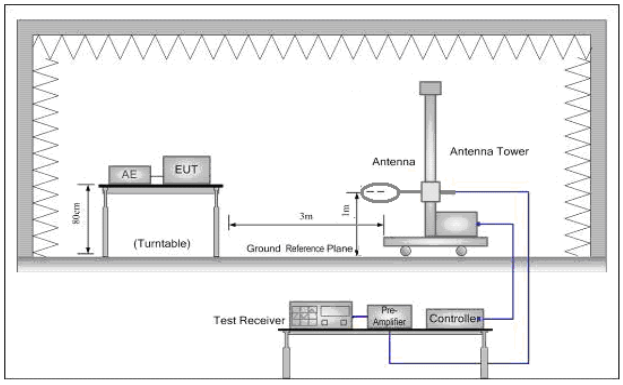


Figure 1. 30MHz to 1GHz

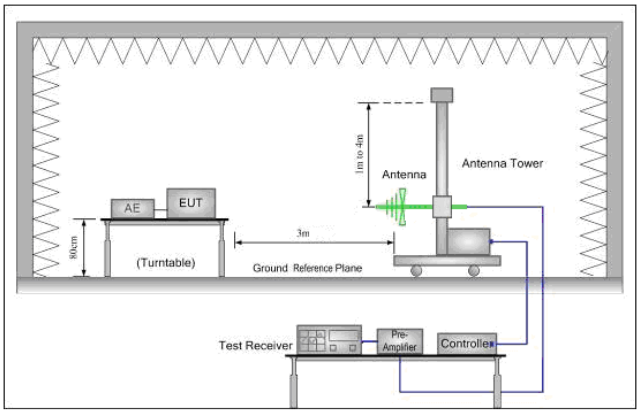


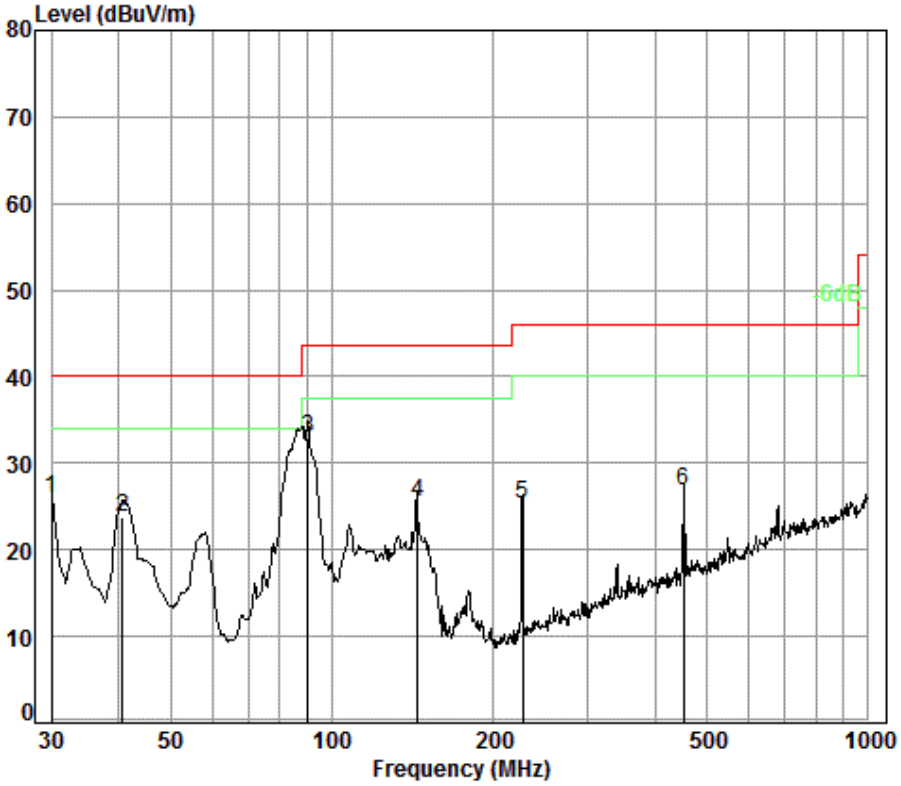
Figure 2. Above 1 GHz

Test Procedure:	a. For below 1GHz test, 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. For above 1GHz test, 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. c. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. d. 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. e. 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. f. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. g. Test the EUT in the outermost channels. 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.
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates.
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCSO of rate is the worst case of 802.11n(HT20); MCSO of rate is the worst case of 802.11n(HT40); MCSO of rate is the worst case of 802.11ac(HT20); MCSO of rate is the worst case of 802.11ac(HT40); MCSO of rate is the worst case of 802.11ac(HT80) For below 1GHz, through Pre-scan, find the 1Mbps of rate of 802.11a at lowest

	channel is the worst case. Only the worst case is recorded in the report.
Instruments Used:	Refer to section 5.10 for details
Test Results:	Pass

6.8.1 Radiated emission below 1GHz

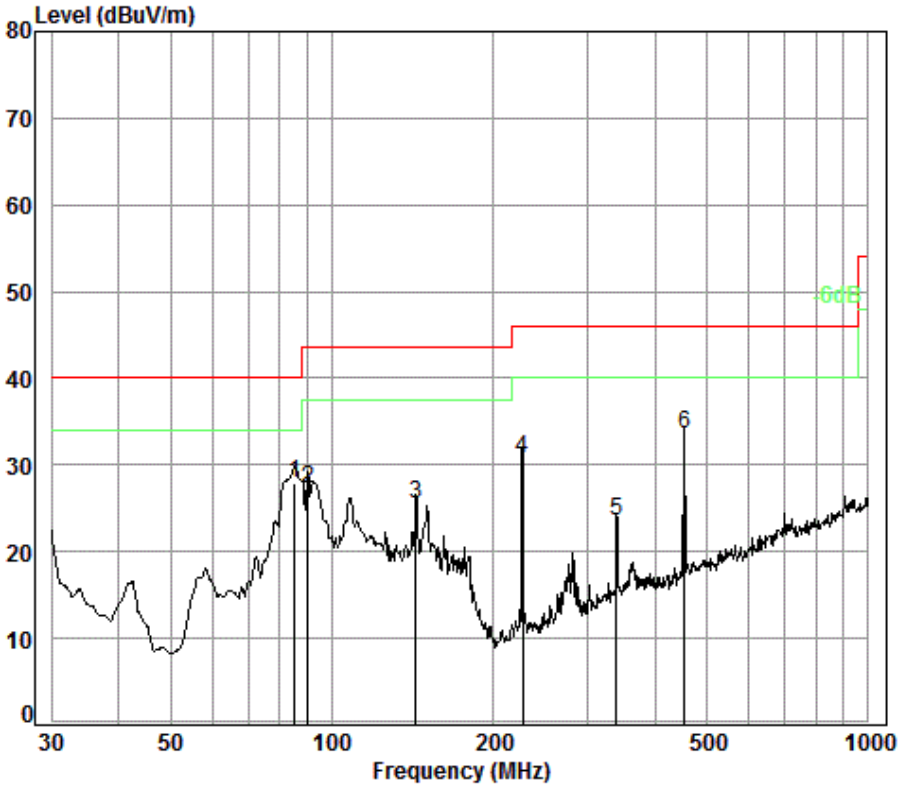
30MHz~1GHz（QP）		
Test mode:	Charge + Transmitting	Vertical



Condition: 3m VERTICAL
Job No. : 6309RG
Test mode: 1

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	30.00	0.60	19.00	27.40	33.79	25.99	40.00	-14.01
2	40.70	0.62	12.86	27.38	37.65	23.75	40.00	-16.25
3 pp	90.22	1.10	8.81	27.31	50.33	32.93	43.50	-10.57
4	144.33	1.31	8.80	27.07	42.47	25.51	43.50	-17.99
5	226.89	1.56	11.46	26.78	39.06	25.30	46.00	-20.70
6	452.72	2.42	16.99	27.31	34.62	26.72	46.00	-19.28

Test mode:	Charge + Transmitting	Horizontal



Condition: 3m HORIZONTAL
Job No. : 6309RG
Test mode: 1

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	85.30	1.10	8.34	27.31	45.82	27.95	40.00	-12.05
2	90.22	1.10	8.81	27.31	44.58	27.18	43.50	-16.32
3	143.33	1.30	8.71	27.07	42.61	25.55	43.50	-17.95
4	226.89	1.56	11.46	26.78	44.52	30.76	46.00	-15.24
5	339.59	2.03	15.21	26.81	33.01	23.44	46.00	-22.56
6	454.31	2.43	17.04	27.32	41.33	33.48	46.00	-12.52

6.8.2Transmitter emission above 1GHz

Test plot as follows:

Test mode:	802.11a		Frequency(MHz):	5180	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
8328.564	36.20	11.58	37.37	41.79	52.20	74.00	-21.80	Vertical
10360.000	37.24	12.98	36.99	38.97	52.20	74.00	-21.80	Vertical
11756.660	38.36	14.30	38.06	36.91	51.51	74.00	-22.49	Vertical
13217.380	38.71	15.61	39.57	37.00	51.75	74.00	-22.25	Vertical
15540.000	41.38	17.07	39.95	34.59	53.09	74.00	-20.91	Vertical
17830.800	44.00	21.55	37.45	24.79	52.89	74.00	-21.11	Vertical
7678.832	36.41	10.89	37.71	41.46	51.05	74.00	-22.95	Horizontal
8328.564	36.20	11.58	37.37	42.30	52.71	74.00	-21.29	Horizontal
10360.000	37.24	12.98	36.99	37.99	51.22	74.00	-22.78	Horizontal
12775.540	38.84	14.93	39.08	36.56	51.25	74.00	-22.75	Horizontal
15540.000	41.38	17.07	39.95	35.10	53.60	74.00	-20.40	Horizontal
17830.800	44.00	21.55	37.45	24.52	52.62	74.00	-21.38	Horizontal

Test mode:	802.11a		Frequency(MHz):	5220	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
7678.832	36.41	10.89	37.71	41.60	51.19	74.00	-22.81	Vertical
9007.715	36.61	11.80	37.30	39.83	50.94	74.00	-23.06	Vertical
10440.000	37.16	13.04	37.03	38.12	51.29	74.00	-22.71	Vertical
13192.440	38.72	15.60	39.54	35.68	50.46	74.00	-23.54	Vertical
15660.000	41.34	17.18	39.83	34.10	52.79	74.00	-21.21	Vertical
17864.510	44.06	21.66	37.42	24.65	52.95	74.00	-21.05	Vertical
7693.350	36.42	10.90	37.69	41.52	51.15	74.00	-22.85	Horizontal
10440.000	37.16	13.04	37.03	39.50	52.67	74.00	-21.33	Horizontal
11734.470	38.34	14.27	38.04	36.22	50.79	74.00	-23.21	Horizontal
13804.270	38.97	16.03	40.27	38.31	53.04	74.00	-20.96	Horizontal
15660.000	41.34	17.18	39.83	34.21	52.90	74.00	-21.10	Horizontal
17830.800	44.00	21.55	37.45	25.26	53.36	74.00	-20.64	Horizontal

Test mode:	802.11a		Frequency(MHz):	5240	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
7678.832	36.41	10.89	37.71	41.18	50.77	74.00	-23.23	Vertical
10480.000	37.12	13.07	37.05	38.60	51.74	74.00	-22.26	Vertical
11823.470	38.43	14.37	38.13	37.68	52.35	74.00	-21.65	Vertical
13804.270	38.97	16.03	40.27	36.78	51.51	74.00	-22.49	Vertical
15720.000	41.31	17.24	39.77	34.24	53.02	74.00	-20.98	Vertical
17830.800	44.00	21.55	37.45	25.22	53.32	74.00	-20.68	Vertical
8328.564	36.20	11.58	37.37	42.56	52.97	74.00	-21.03	Horizontal
10480.000	37.12	13.07	37.05	38.35	51.49	74.00	-22.51	Horizontal
11734.470	38.34	14.27	38.04	37.78	52.35	74.00	-21.65	Horizontal
13093.140	38.76	15.57	39.42	37.28	52.19	74.00	-21.81	Horizontal
15720.000	41.31	17.24	39.77	34.24	53.02	74.00	-20.98	Horizontal
17830.800	44.00	21.55	37.45	24.72	52.82	74.00	-21.18	Horizontal

Test mode:	802.11a		Frequency(MHz):	5260	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
7106.583	36.46	10.64	38.29	41.62	50.43	74.00	-23.57	Vertical
10520.000	37.12	13.10	37.07	38.78	51.93	74.00	-22.07	Vertical
11734.470	38.34	14.27	38.04	38.13	52.70	74.00	-21.30	Vertical
13804.270	38.97	16.03	40.27	38.17	52.90	74.00	-21.10	Vertical
15780.000	41.29	17.29	39.71	33.56	52.43	74.00	-21.57	Vertical
17830.800	44.00	21.55	37.45	25.36	53.46	74.00	-20.54	Vertical
9007.715	36.61	11.80	37.30	40.37	51.48	74.00	-22.52	Horizontal
10520.000	37.12	13.10	37.07	38.06	51.21	74.00	-22.79	Horizontal
11734.470	38.34	14.27	38.04	36.95	51.52	74.00	-22.48	Horizontal
13804.270	38.97	16.03	40.27	37.79	52.52	74.00	-21.48	Horizontal
15780.000	41.29	17.29	39.71	34.47	53.34	74.00	-20.66	Horizontal
17898.290	44.12	21.78	37.39	24.90	53.41	74.00	-20.59	Horizontal

Test mode:	802.11a		Frequency(MHz):	5300		Remark:	Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
7678.832	36.41	10.89	37.71	42.33	51.92	74.00	-22.08	Vertical
9937.399	37.59	12.68	36.83	40.04	53.48	74.00	-20.52	Vertical
10600.000	37.22	13.16	37.11	37.06	50.33	74.00	-23.67	Vertical
13192.440	38.72	15.60	39.54	36.80	51.58	74.00	-22.42	Vertical
15900.000	41.24	17.41	39.60	33.47	52.52	74.00	-21.48	Vertical
17202.210	43.04	19.38	38.01	28.42	52.83	74.00	-21.17	Vertical
7106.583	36.46	10.64	38.29	44.18	52.99	74.00	-21.01	Horizontal
8328.564	36.20	11.58	37.37	42.14	52.55	74.00	-21.45	Horizontal
10600.000	37.22	13.16	37.11	38.52	51.79	74.00	-22.21	Horizontal
12775.540	38.84	14.93	39.08	35.98	50.67	74.00	-23.33	Horizontal
15900.000	41.24	17.41	39.60	33.22	52.27	74.00	-21.73	Horizontal
17864.510	44.06	21.66	37.42	25.00	53.30	74.00	-20.70	Horizontal

Test mode:	802.11a		Frequency(MHz):	5320		Remark:	Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
7066.425	36.47	10.63	38.33	42.48	51.25	74.00	-22.75	Vertical
9007.715	36.61	11.80	37.30	40.33	51.44	74.00	-22.56	Vertical
10640.000	37.27	13.19	37.13	39.05	52.38	74.00	-21.62	Vertical
12751.430	38.85	14.86	39.06	35.90	50.55	74.00	-23.45	Vertical
15960.000	41.22	17.46	39.54	33.50	52.64	74.00	-21.36	Vertical
17898.290	44.12	21.78	37.39	24.18	52.69	74.00	-21.31	Vertical
7678.832	36.41	10.89	37.71	40.85	50.44	74.00	-23.56	Horizontal
9659.786	37.53	12.53	36.96	38.97	52.07	74.00	-21.93	Horizontal
10640.000	37.27	13.19	37.13	39.30	52.63	74.00	-21.37	Horizontal
11734.470	38.34	14.27	38.04	36.17	50.74	74.00	-23.26	Horizontal
14485.460	40.37	16.39	40.50	36.85	53.11	74.00	-20.89	Horizontal
15960.000	41.22	17.46	39.54	33.68	52.82	74.00	-21.18	Horizontal

Test mode:	802.11a		Frequency(MHz):	5500		Remark:	Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
7664.340	36.40	10.88	37.72	41.38	50.94	74.00	-23.06	Vertical
9007.715	36.61	11.80	37.30	40.22	51.33	74.00	-22.67	Vertical
11000.000	37.70	13.45	37.30	38.61	52.46	74.00	-21.54	Vertical
13217.380	38.71	15.61	39.57	35.89	50.64	74.00	-23.36	Vertical
16500.000	42.70	17.59	38.84	31.39	52.84	74.00	-21.16	Vertical
17864.510	44.06	21.66	37.42	24.43	52.73	74.00	-21.27	Vertical
7093.172	36.46	10.64	38.30	42.86	51.66	74.00	-22.34	Horizontal
9659.786	37.53	12.53	36.96	40.26	53.36	74.00	-20.64	Horizontal
11000.000	37.70	13.45	37.30	37.48	51.33	74.00	-22.67	Horizontal
11823.470	38.43	14.37	38.13	36.52	51.19	74.00	-22.81	Horizontal
14485.460	40.37	16.39	40.50	37.10	53.36	74.00	-20.64	Horizontal
16500.000	42.70	17.59	38.84	31.31	52.76	74.00	-21.24	Horizontal

Test mode:	802.11a		Frequency(MHz):	5600		Remark:	Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
7093.172	36.46	10.64	38.30	42.50	51.30	74.00	-22.70	Vertical
9659.786	37.53	12.53	36.96	39.99	53.09	74.00	-20.91	Vertical
11200.000	37.86	13.68	37.51	38.49	52.52	74.00	-21.48	Vertical
13804.270	38.97	16.03	40.27	36.84	51.57	74.00	-22.43	Vertical
15800.410	41.28	17.31	39.69	34.05	52.95	74.00	-21.05	Vertical
16800.000	42.76	18.24	38.45	30.53	53.08	74.00	-20.92	Vertical
8328.564	36.20	11.58	37.37	41.96	52.37	74.00	-21.63	Horizontal
9918.646	37.58	12.67	36.84	39.03	52.44	74.00	-21.56	Horizontal
11200.000	37.86	13.68	37.51	36.75	50.78	74.00	-23.22	Horizontal
12751.430	38.85	14.86	39.06	37.14	51.79	74.00	-22.21	Horizontal
14485.460	40.37	16.39	40.50	36.96	53.22	74.00	-20.78	Horizontal
16800.000	42.76	18.24	38.45	30.58	53.13	74.00	-20.87	Horizontal

Test mode:	802.11a	Frequency(MHz):	5700	Remark:	Peak

Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
7678.832	36.41	10.89	37.71	42.68	52.27	74.00	-21.73	Vertical
9007.715	36.61	11.80	37.30	40.55	51.66	74.00	-22.34	Vertical
11400.000	38.02	13.91	37.71	37.74	51.96	74.00	-22.04	Vertical
12775.540	38.84	14.93	39.08	36.38	51.07	74.00	-22.93	Vertical
15157.260	41.33	16.70	40.34	35.85	53.54	74.00	-20.46	Vertical
17100.000	42.92	19.02	38.11	29.31	53.14	74.00	-20.86	Vertical
7664.340	36.40	10.88	37.72	41.79	51.35	74.00	-22.65	Horizontal
9007.715	36.61	11.80	37.30	39.21	50.32	74.00	-23.68	Horizontal
11400.000	38.02	13.91	37.71	37.33	51.55	74.00	-22.45	Horizontal
13142.690	38.74	15.59	39.48	36.07	50.92	74.00	-23.08	Horizontal
15800.410	41.28	17.31	39.69	34.58	53.48	74.00	-20.52	Horizontal
17100.000	42.92	19.02	38.11	29.14	52.97	74.00	-21.03	Horizontal

Test mode:	802.11a	Frequency(MHz):	5745	Remark:	Peak

Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
7079.786	36.47	10.63	38.32	42.55	51.33	74.00	-22.67	Vertical
8990.716	36.59	11.79	37.30	41.22	52.30	74.00	-21.70	Vertical
11490.000	38.09	14.01	37.80	36.54	50.84	74.00	-23.16	Vertical
13804.270	38.97	16.03	40.27	36.50	51.23	74.00	-22.77	Vertical
16010.720	41.23	17.50	39.49	33.80	53.04	74.00	-20.96	Vertical
17235.000	43.08	19.50	37.98	28.46	53.06	74.00	-20.94	Vertical
7678.832	36.41	10.89	37.71	41.95	51.54	74.00	-22.46	Horizontal
9659.786	37.53	12.53	36.96	39.68	52.78	74.00	-21.22	Horizontal
11490.000	38.09	14.01	37.80	36.20	50.50	74.00	-23.50	Horizontal
13217.380	38.71	15.61	39.57	35.94	50.69	74.00	-23.31	Horizontal
14650.570	40.67	16.44	40.50	36.36	52.97	74.00	-21.03	Horizontal
17235.000	43.08	19.50	37.98	28.37	52.97	74.00	-21.03	Horizontal

Test mode:	802.11a	Frequency(MHz):	5785	Remark:	Peak

Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
7678.832	36.41	10.89	37.71	41.10	50.69	74.00	-23.31	Vertical
9678.051	37.54	12.54	36.96	40.43	53.55	74.00	-20.45	Vertical
11570.000	38.17	14.09	37.88	36.81	51.19	74.00	-22.81	Vertical
13117.890	38.75	15.58	39.45	36.77	51.65	74.00	-22.35	Vertical
15157.260	41.33	16.70	40.34	34.80	52.49	74.00	-21.51	Vertical
17355.000	43.23	19.92	37.87	27.87	53.15	74.00	-20.85	Vertical
7106.583	36.46	10.64	38.29	41.67	50.48	74.00	-23.52	Horizontal
8328.564	36.20	11.58	37.37	42.19	52.60	74.00	-21.40	Horizontal
11570.000	38.17	14.09	37.88	37.45	51.83	74.00	-22.17	Horizontal
13167.540	38.73	15.59	39.51	36.35	51.16	74.00	-22.84	Horizontal
14512.850	40.42	16.40	40.50	36.92	53.24	74.00	-20.76	Horizontal
17355.000	43.23	19.92	37.87	27.47	52.75	74.00	-21.25	Horizontal

Test mode:	802.11a	Frequency(MHz):	5825	Remark:	Peak

Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
7086.476	36.46	10.63	38.31	41.42	50.20	74.00	-23.80	Vertical
8344.312	36.18	11.61	37.36	41.36	51.79	74.00	-22.21	Vertical
11650.000	38.25	14.18	37.96	37.83	52.30	74.00	-21.70	Vertical
13093.140	38.76	15.57	39.42	36.49	51.40	74.00	-22.60	Vertical
15800.410	41.28	17.31	39.69	33.86	52.76	74.00	-21.24	Vertical
17475.000	43.37	20.33	37.77	27.24	53.17	74.00	-20.83	Vertical
7678.832	36.41	10.89	37.71	41.25	50.84	74.00	-23.16	Horizontal
9862.599	37.57	12.64	36.87	39.60	52.94	74.00	-21.06	Horizontal
11650.000	38.25	14.18	37.96	37.29	51.76	74.00	-22.24	Horizontal
13804.270	38.97	16.03	40.27	36.62	51.35	74.00	-22.65	Horizontal
16010.720	41.23	17.50	39.49	34.09	53.33	74.00	-20.67	Horizontal
17475.000	43.37	20.33	37.77	26.77	52.70	74.00	-21.30	Horizontal

Test mode:	802.11n(HT20)	Frequency(MHz):	5180	Remark:	Peak

Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
7093.172	36.46	10.64	38.30	42.28	51.08	74.00	-22.92	Vertical
9007.715	36.61	11.80	37.30	41.84	52.95	74.00	-21.05	Vertical
10360.000	37.24	12.98	36.99	39.42	52.65	74.00	-21.35	Vertical
13217.380	38.71	15.61	39.57	37.55	52.30	74.00	-21.70	Vertical
15540.000	41.38	17.07	39.95	33.34	51.84	74.00	-22.16	Vertical
17830.800	44.00	21.55	37.45	24.82	52.92	74.00	-21.08	Vertical
7678.832	36.41	10.89	37.71	41.13	50.72	74.00	-23.28	Horizontal
9007.715	36.61	11.80	37.30	41.44	52.55	74.00	-21.45	Horizontal
10360.000	37.24	12.98	36.99	38.20	51.43	74.00	-22.57	Horizontal
12775.540	38.84	14.93	39.08	37.96	52.65	74.00	-21.35	Horizontal
15540.000	41.38	17.07	39.95	33.92	52.42	74.00	-21.58	Horizontal
17629.850	43.64	20.87	37.63	26.30	53.18	74.00	-20.82	Horizontal

Test mode:	802.11n(HT20)	Frequency(MHz):	5220	Remark:	Peak

Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
7079.786	36.47	10.63	38.32	41.68	50.46	74.00	-23.54	Vertical
8344.312	36.18	11.61	37.36	41.52	51.95	74.00	-22.05	Vertical
10440.000	37.16	13.04	37.03	39.25	52.42	74.00	-21.58	Vertical
12775.540	38.84	14.93	39.08	38.69	53.38	74.00	-20.62	Vertical
15660.000	41.34	17.18	39.83	34.00	52.69	74.00	-21.31	Vertical
17464.130	43.36	20.30	37.78	26.97	52.85	74.00	-21.15	Vertical
7678.832	36.41	10.89	37.71	41.23	50.82	74.00	-23.18	Horizontal
10440.000	37.16	13.04	37.03	39.23	52.40	74.00	-21.60	Horizontal
11756.660	38.36	14.30	38.06	38.17	52.77	74.00	-21.23	Horizontal
13778.220	38.94	16.00	40.24	37.57	52.27	74.00	-21.73	Horizontal
15660.000	41.34	17.18	39.83	33.96	52.65	74.00	-21.35	Horizontal
17830.800	44.00	21.55	37.45	25.52	53.62	74.00	-20.38	Horizontal

Test mode:	802.11n(HT20)	Frequency(MHz):	5240	Remark:	Peak

Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
7160.481	36.43	10.66	38.23	41.51	50.37	74.00	-23.63	Vertical
9007.715	36.61	11.80	37.30	40.12	51.23	74.00	-22.77	Vertical
10480.000	37.12	13.07	37.05	38.29	51.43	74.00	-22.57	Vertical
12775.540	38.84	14.93	39.08	37.86	52.55	74.00	-21.45	Vertical
15720.000	41.31	17.24	39.77	33.83	52.61	74.00	-21.39	Vertical
17530.230	43.46	20.52	37.72	27.14	53.40	74.00	-20.60	Vertical
7678.832	36.41	10.89	37.71	40.93	50.52	74.00	-23.48	Horizontal
9678.051	37.54	12.54	36.96	39.68	52.80	74.00	-21.20	Horizontal
10480.000	37.12	13.07	37.05	38.66	51.80	74.00	-22.20	Horizontal
13242.370	38.70	15.61	39.60	37.33	52.04	74.00	-21.96	Horizontal
15720.000	41.31	17.24	39.77	33.76	52.54	74.00	-21.46	Horizontal
17464.130	43.36	20.30	37.78	27.51	53.39	74.00	-20.61	Horizontal

Test mode:	802.11n(HT20)	Frequency(MHz):	5260	Remark:	Peak

Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
8344.312	36.18	11.61	37.36	40.35	50.78	74.00	-23.22	Vertical
10520.000	37.12	13.10	37.07	38.47	51.62	74.00	-22.38	Vertical
11734.470	38.34	14.27	38.04	38.05	52.62	74.00	-21.38	Vertical
14845.570	41.03	16.50	40.50	35.74	52.77	74.00	-21.23	Vertical
15780.000	41.29	17.29	39.71	34.52	53.39	74.00	-20.61	Vertical
17763.560	43.88	21.32	37.51	24.88	52.57	74.00	-21.43	Vertical
7678.832	36.41	10.89	37.71	40.43	50.02	74.00	-23.98	Horizontal
10520.000	37.12	13.10	37.07	39.52	52.67	74.00	-21.33	Horizontal
11734.470	38.34	14.27	38.04	37.38	51.95	74.00	-22.05	Horizontal
13778.220	38.94	16.00	40.24	37.19	51.89	74.00	-22.11	Horizontal
15780.000	41.29	17.29	39.71	33.25	52.12	74.00	-21.88	Horizontal
17830.800	44.00	21.55	37.45	25.33	53.43	74.00	-20.57	Horizontal

Test mode:	802.11n(HT20)	Frequency(MHz):	5300	Remark:	Peak

Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
7079.786	36.47	10.63	38.32	41.94	50.72	74.00	-23.28	Vertical
8990.716	36.59	11.79	37.30	41.71	52.79	74.00	-21.21	Vertical
10600.000	37.22	13.16	37.11	39.68	52.95	74.00	-21.05	Vertical
13217.380	38.71	15.61	39.57	38.03	52.78	74.00	-21.22	Vertical
15900.000	41.24	17.41	39.60	33.40	52.45	74.00	-21.55	Vertical
17797.150	43.94	21.44	37.48	25.48	53.38	74.00	-20.62	Vertical
7678.832	36.41	10.89	37.71	41.41	51.00	74.00	-23.00	Horizontal
10600.000	37.22	13.16	37.11	37.85	51.12	74.00	-22.88	Horizontal
11734.470	38.34	14.27	38.04	37.66	52.23	74.00	-21.77	Horizontal
14485.460	40.37	16.39	40.50	35.70	51.96	74.00	-22.04	Horizontal
15900.000	41.24	17.41	39.60	33.38	52.43	74.00	-21.57	Horizontal
17932.130	44.18	21.89	37.36	24.73	53.44	74.00	-20.56	Horizontal

Test mode:	802.11n(HT20)	Frequency(MHz):	5320	Remark:	Peak

Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
7106.583	36.46	10.64	38.29	41.38	50.19	74.00	-23.81	Vertical
8990.716	36.59	11.79	37.30	41.57	52.65	74.00	-21.35	Vertical
10640.000	37.27	13.19	37.13	39.74	53.07	74.00	-20.93	Vertical
12751.430	38.85	14.86	39.06	37.26	51.91	74.00	-22.09	Vertical
15960.000	41.22	17.46	39.54	33.20	52.34	74.00	-21.66	Vertical
17464.130	43.36	20.30	37.78	26.71	52.59	74.00	-21.41	Vertical
8344.312	36.18	11.61	37.36	41.13	51.56	74.00	-22.44	Horizontal
9918.646	37.58	12.67	36.84	39.29	52.70	74.00	-21.30	Horizontal
10640.000	37.27	13.19	37.13	39.21	52.54	74.00	-21.46	Horizontal
13242.370	38.70	15.61	39.60	37.05	51.76	74.00	-22.24	Horizontal
15960.000	41.22	17.46	39.54	33.61	52.75	74.00	-21.25	Horizontal
17797.150	43.94	21.44	37.48	25.06	52.96	74.00	-21.04	Horizontal

Test mode:	802.11n(HT20)	Frequency(MHz):	5500	Remark:	Peak		

Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
7678.832	36.41	10.89	37.71	41.36	50.95	74.00	-23.05	Vertical
9659.786	37.53	12.53	36.96	39.77	52.87	74.00	-21.13	Vertical
11000.000	37.70	13.45	37.30	38.70	52.55	74.00	-21.45	Vertical
13778.220	38.94	16.00	40.24	36.57	51.27	74.00	-22.73	Vertical
16500.000	42.70	17.59	38.84	30.90	52.35	74.00	-21.65	Vertical
17966.030	44.24	22.01	37.33	24.60	53.52	74.00	-20.48	Vertical
7093.172	36.46	10.64	38.30	41.57	50.37	74.00	-23.63	Horizontal
9007.715	36.61	11.80	37.30	41.46	52.57	74.00	-21.43	Horizontal
11000.000	37.70	13.45	37.30	37.70	51.55	74.00	-22.45	Horizontal
13117.890	38.75	15.58	39.45	37.84	52.72	74.00	-21.28	Horizontal
15185.920	41.34	16.72	40.31	35.31	53.06	74.00	-20.94	Horizontal
16500.000	42.70	17.59	38.84	30.65	52.10	74.00	-21.90	Horizontal

Test mode:	802.11n(HT20)	Frequency(MHz):	5600	Remark:	Peak		

Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
7093.172	36.46	10.64	38.30	41.77	50.57	74.00	-23.43	Vertical
9007.715	36.61	11.80	37.30	40.34	51.45	74.00	-22.55	Vertical
11200.000	37.86	13.68	37.51	37.59	51.62	74.00	-22.38	Vertical
13217.380	38.71	15.61	39.57	37.19	51.94	74.00	-22.06	Vertical
15800.410	41.28	17.31	39.69	33.79	52.69	74.00	-21.31	Vertical
16800.000	42.76	18.24	38.45	30.99	53.54	74.00	-20.46	Vertical
8328.564	36.20	11.58	37.37	41.28	51.69	74.00	-22.31	Horizontal
9659.786	37.53	12.53	36.96	40.02	53.12	74.00	-20.88	Horizontal
11200.000	37.86	13.68	37.51	38.65	52.68	74.00	-21.32	Horizontal
13192.440	38.72	15.60	39.54	38.06	52.84	74.00	-21.16	Horizontal
15214.630	41.34	16.75	40.28	35.13	52.94	74.00	-21.06	Horizontal
16800.000	42.76	18.24	38.45	29.84	52.39	74.00	-21.61	Horizontal

Test mode:	802.11n(HT20)		Frequency(MHz):	5700	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
7678.832	36.41	10.89	37.71	41.41	51.00	74.00	-23.00	Vertical
9659.786	37.53	12.53	36.96	39.57	52.67	74.00	-21.33	Vertical
11400.000	38.02	13.91	37.71	38.59	52.81	74.00	-21.19	Vertical
13192.440	38.72	15.60	39.54	36.45	51.23	74.00	-22.77	Vertical
15185.920	41.34	16.72	40.31	35.60	53.35	74.00	-20.65	Vertical
17100.000	42.92	19.02	38.11	29.18	53.01	74.00	-20.99	Vertical
8328.564	36.20	11.58	37.37	40.66	51.07	74.00	-22.93	Horizontal
9881.246	37.58	12.65	36.86	39.53	52.90	74.00	-21.10	Horizontal
11400.000	38.02	13.91	37.71	37.22	51.44	74.00	-22.56	Horizontal
13804.270	38.97	16.03	40.27	37.47	52.20	74.00	-21.80	Horizontal
16040.990	41.32	17.51	39.45	33.94	53.32	74.00	-20.68	Horizontal
17100.000	42.92	19.02	38.11	28.97	52.80	74.00	-21.20	Horizontal

Test mode:	802.11n(HT20)		Frequency(MHz):	5745	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
7093.172	36.46	10.64	38.30	42.09	50.89	74.00	-23.11	Vertical
9007.715	36.61	11.80	37.30	39.92	51.03	74.00	-22.97	Vertical
11490.000	38.09	14.01	37.80	37.75	52.05	74.00	-21.95	Vertical
12775.540	38.84	14.93	39.08	37.07	51.76	74.00	-22.24	Vertical
16010.720	41.23	17.50	39.49	32.73	51.97	74.00	-22.03	Vertical
17235.000	43.08	19.50	37.98	28.01	52.61	74.00	-21.39	Vertical
7664.340	36.40	10.88	37.72	41.30	50.86	74.00	-23.14	Horizontal
9937.399	37.59	12.68	36.83	39.27	52.71	74.00	-21.29	Horizontal
11490.000	38.09	14.01	37.80	38.17	52.47	74.00	-21.53	Horizontal
13804.270	38.97	16.03	40.27	36.74	51.47	74.00	-22.53	Horizontal
16010.720	41.23	17.50	39.49	34.33	53.57	74.00	-20.43	Horizontal
17235.000	43.08	19.50	37.98	28.61	53.21	74.00	-20.79	Horizontal

Test mode:	802.11n(HT20)		Frequency(MHz):		5785	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
7120.020	36.45	10.65	38.27	42.13	50.96	74.00	-23.04	Vertical
9007.715	36.61	11.80	37.30	41.83	52.94	74.00	-21.06	Vertical
11570.000	38.17	14.09	37.88	38.80	53.18	74.00	-20.82	Vertical
12751.430	38.85	14.86	39.06	37.86	52.51	74.00	-21.49	Vertical
15830.290	41.27	17.34	39.67	33.93	52.87	74.00	-21.13	Vertical
17355.000	43.23	19.92	37.87	27.29	52.57	74.00	-21.43	Vertical
7678.832	36.41	10.89	37.71	41.71	51.30	74.00	-22.70	Horizontal
9659.786	37.53	12.53	36.96	39.37	52.47	74.00	-21.53	Horizontal
11570.000	38.17	14.09	37.88	37.78	52.16	74.00	-21.84	Horizontal
13217.380	38.71	15.61	39.57	36.71	51.46	74.00	-22.54	Horizontal
15800.410	41.28	17.31	39.69	34.21	53.11	74.00	-20.89	Horizontal
17355.000	43.23	19.92	37.87	27.59	52.87	74.00	-21.13	Horizontal

Test mode:	802.11n(HT20)		Frequency(MHz):		5825	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
7106.583	36.46	10.64	38.29	41.94	50.75	74.00	-23.25	Vertical
8328.564	36.20	11.58	37.37	41.53	51.94	74.00	-22.06	Vertical
11650.000	38.25	14.18	37.96	38.54	53.01	74.00	-20.99	Vertical
13830.370	39.00	16.06	40.30	36.98	51.74	74.00	-22.26	Vertical
16627.150	42.73	17.87	38.68	30.88	52.80	74.00	-21.20	Vertical
17475.000	43.37	20.33	37.77	27.40	53.33	74.00	-20.67	Vertical
7106.583	36.46	10.64	38.29	41.34	50.15	74.00	-23.85	Horizontal
8990.716	36.59	11.79	37.30	41.16	52.24	74.00	-21.76	Horizontal
11650.000	38.25	14.18	37.96	38.13	52.60	74.00	-21.40	Horizontal
13778.220	38.94	16.00	40.24	37.09	51.79	74.00	-22.21	Horizontal
16010.720	41.23	17.50	39.49	33.37	52.61	74.00	-21.39	Horizontal
17475.000	43.37	20.33	37.77	27.72	53.65	74.00	-20.35	Horizontal

Test mode:	802.11ac(HT20)	Frequency(MHz):	5180	Remark:	Peak		

Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
7093.172	36.46	10.64	38.30	41.79	50.59	74.00	-23.41	Vertical
8990.716	36.59	11.79	37.30	40.61	51.69	74.00	-22.31	Vertical
10360.000	37.24	12.98	36.99	37.14	50.37	74.00	-23.63	Vertical
11734.470	38.34	14.27	38.04	38.25	52.82	74.00	-21.18	Vertical
15540.000	41.38	17.07	39.95	34.53	53.03	74.00	-20.97	Vertical
17596.580	43.58	20.75	37.66	26.28	52.95	74.00	-21.05	Vertical
7678.832	36.41	10.89	37.71	41.25	50.84	74.00	-23.16	Horizontal
8990.716	36.59	11.79	37.30	39.29	50.37	74.00	-23.63	Horizontal
10360.000	37.24	12.98	36.99	39.58	52.81	74.00	-21.19	Horizontal
12751.430	38.85	14.86	39.06	37.01	51.66	74.00	-22.34	Horizontal
15540.000	41.38	17.07	39.95	33.76	52.26	74.00	-21.74	Horizontal
17830.800	44.00	21.55	37.45	24.79	52.89	74.00	-21.11	Horizontal

Test mode:	802.11ac(HT20)	Frequency(MHz):	5220	Remark:	Peak		

Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
7664.340	36.40	10.88	37.72	40.50	50.06	74.00	-23.94	Vertical
8328.564	36.20	11.58	37.37	41.15	51.56	74.00	-22.44	Vertical
10440.000	37.16	13.04	37.03	38.11	51.28	74.00	-22.72	Vertical
12751.430	38.85	14.86	39.06	36.64	51.29	74.00	-22.71	Vertical
15660.000	41.34	17.18	39.83	34.04	52.73	74.00	-21.27	Vertical
17464.130	43.36	20.30	37.78	27.12	53.00	74.00	-21.00	Vertical
7678.832	36.41	10.89	37.71	42.22	51.81	74.00	-22.19	Horizontal
9659.786	37.53	12.53	36.96	40.03	53.13	74.00	-20.87	Horizontal
10440.000	37.16	13.04	37.03	39.42	52.59	74.00	-21.41	Horizontal
12751.430	38.85	14.86	39.06	37.35	52.00	74.00	-22.00	Horizontal
15660.000	41.34	17.18	39.83	34.14	52.83	74.00	-21.17	Horizontal
17830.800	44.00	21.55	37.45	25.28	53.38	74.00	-20.62	Horizontal

Test mode:	802.11ac(HT20)	Frequency(MHz):	5240	Remark:	Peak		

Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
7120.020	36.45	10.65	38.27	43.57	52.40	74.00	-21.60	Vertical
8990.716	36.59	11.79	37.30	39.55	50.63	74.00	-23.37	Vertical
10480.000	37.12	13.07	37.05	38.25	51.39	74.00	-22.61	Vertical
13192.440	38.72	15.60	39.54	36.41	51.19	74.00	-22.81	Vertical
15720.000	41.31	17.24	39.77	34.48	53.26	74.00	-20.74	Vertical
17864.510	44.06	21.66	37.42	25.34	53.64	74.00	-20.36	Vertical
7079.786	36.47	10.63	38.32	41.38	50.16	74.00	-23.84	Horizontal
8328.564	36.20	11.58	37.37	42.93	53.34	74.00	-20.66	Horizontal
10480.000	37.12	13.07	37.05	39.08	52.22	74.00	-21.78	Horizontal
12775.540	38.84	14.93	39.08	38.23	52.92	74.00	-21.08	Horizontal
15720.000	41.31	17.24	39.77	33.89	52.67	74.00	-21.33	Horizontal
17830.800	44.00	21.55	37.45	25.35	53.45	74.00	-20.55	Horizontal

Test mode:	802.11ac(HT20)	Frequency(MHz):	5260	Remark:	Peak		

Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
8328.564	36.20	11.58	37.37	41.19	51.60	74.00	-22.40	Vertical
10520.000	37.12	13.10	37.07	39.71	52.86	74.00	-21.14	Vertical
11756.660	38.36	14.30	38.06	35.56	50.16	74.00	-23.84	Vertical
13804.270	38.97	16.03	40.27	36.46	51.19	74.00	-22.81	Vertical
15780.000	41.29	17.29	39.71	34.64	53.51	74.00	-20.49	Vertical
17830.800	44.00	21.55	37.45	24.88	52.98	74.00	-21.02	Vertical
7678.832	36.41	10.89	37.71	42.94	52.53	74.00	-21.47	Horizontal
10520.000	37.12	13.10	37.07	39.37	52.52	74.00	-21.48	Horizontal
11734.470	38.34	14.27	38.04	37.04	51.61	74.00	-22.39	Horizontal
13192.440	38.72	15.60	39.54	37.16	51.94	74.00	-22.06	Horizontal
15780.000	41.29	17.29	39.71	33.61	52.48	74.00	-21.52	Horizontal
17898.290	44.12	21.78	37.39	24.75	53.26	74.00	-20.74	Horizontal

Test mode:	802.11ac(HT20)	Frequency(MHz):	5300	Remark:	Peak		

Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
8328.564	36.20	11.58	37.37	40.29	50.70	74.00	-23.30	Vertical
10600.000	37.22	13.16	37.11	39.09	52.36	74.00	-21.64	Vertical
11756.660	38.36	14.30	38.06	36.85	51.45	74.00	-22.55	Vertical
13804.270	38.97	16.03	40.27	37.47	52.20	74.00	-21.80	Vertical
15900.000	41.24	17.41	39.60	33.70	52.75	74.00	-21.25	Vertical
17864.510	44.06	21.66	37.42	25.02	53.32	74.00	-20.68	Vertical
7133.481	36.45	10.65	38.26	43.06	51.90	74.00	-22.10	Horizontal
9007.715	36.61	11.80	37.30	39.27	50.38	74.00	-23.62	Horizontal
10600.000	37.22	13.16	37.11	39.47	52.74	74.00	-21.26	Horizontal
13217.380	38.71	15.61	39.57	37.33	52.08	74.00	-21.92	Horizontal
15900.000	41.24	17.41	39.60	33.81	52.86	74.00	-21.14	Horizontal
17830.800	44.00	21.55	37.45	25.23	53.33	74.00	-20.67	Horizontal

Test mode:	802.11ac(HT20)	Frequency(MHz):	5320	Remark:	Peak		

Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
7106.583	36.46	10.64	38.29	41.42	50.23	74.00	-23.77	Vertical
8328.564	36.20	11.58	37.37	40.98	51.39	74.00	-22.61	Vertical
10640.000	37.27	13.19	37.13	39.42	52.75	74.00	-21.25	Vertical
12775.540	38.84	14.93	39.08	36.93	51.62	74.00	-22.38	Vertical
14512.850	40.42	16.40	40.50	36.17	52.49	74.00	-21.51	Vertical
15960.000	41.22	17.46	39.54	33.57	52.71	74.00	-21.29	Vertical
8328.564	36.20	11.58	37.37	41.10	51.51	74.00	-22.49	Horizontal
10640.000	37.27	13.19	37.13	39.75	53.08	74.00	-20.92	Horizontal
11734.470	38.34	14.27	38.04	37.47	52.04	74.00	-21.96	Horizontal
13192.440	38.72	15.60	39.54	36.58	51.36	74.00	-22.64	Horizontal
15960.000	41.22	17.46	39.54	33.85	52.99	74.00	-21.01	Horizontal
17932.130	44.18	21.89	37.36	24.50	53.21	74.00	-20.79	Horizontal

Test mode:	802.11ac(HT20)	Frequency(MHz):	5500	Remark:	Peak		

Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
7664.340	36.40	10.88	37.72	41.19	50.75	74.00	-23.25	Vertical
9659.786	37.53	12.53	36.96	39.80	52.90	74.00	-21.10	Vertical
11000.000	37.70	13.45	37.30	38.48	52.33	74.00	-21.67	Vertical
12775.540	38.84	14.93	39.08	37.24	51.93	74.00	-22.07	Vertical
14512.850	40.42	16.40	40.50	36.54	52.86	74.00	-21.14	Vertical
16500.000	42.70	17.59	38.84	31.35	52.80	74.00	-21.20	Vertical
7039.780	36.48	10.62	38.36	41.39	50.13	74.00	-23.87	Horizontal
8990.716	36.59	11.79	37.30	40.10	51.18	74.00	-22.82	Horizontal
11000.000	37.70	13.45	37.30	38.90	52.75	74.00	-21.25	Horizontal
12751.430	38.85	14.86	39.06	37.30	51.95	74.00	-22.05	Horizontal
14485.460	40.37	16.39	40.50	36.82	53.08	74.00	-20.92	Horizontal
16500.000	42.70	17.59	38.84	30.66	52.11	74.00	-21.89	Horizontal

Test mode:	802.11ac(HT20)	Frequency(MHz):	5600	Remark:	Peak		

Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
7026.495	36.49	10.61	38.37	43.34	52.07	74.00	-21.93	Vertical
8344.312	36.18	11.61	37.36	40.41	50.84	74.00	-23.16	Vertical
11200.000	37.86	13.68	37.51	38.16	52.19	74.00	-21.81	Vertical
12751.430	38.85	14.86	39.06	36.57	51.22	74.00	-22.78	Vertical
14512.850	40.42	16.40	40.50	36.50	52.82	74.00	-21.18	Vertical
16800.000	42.76	18.24	38.45	30.56	53.11	74.00	-20.89	Vertical
7678.832	36.41	10.89	37.71	42.13	51.72	74.00	-22.28	Horizontal
9659.786	37.53	12.53	36.96	39.42	52.52	74.00	-21.48	Horizontal
11200.000	37.86	13.68	37.51	38.00	52.03	74.00	-21.97	Horizontal
13217.380	38.71	15.61	39.57	35.73	50.48	74.00	-23.52	Horizontal
15014.780	41.30	16.55	40.48	36.22	53.59	74.00	-20.41	Horizontal
16800.000	42.76	18.24	38.45	30.14	52.69	74.00	-21.31	Horizontal

Test mode:	802.11ac(HT20)		Frequency(MHz):		5700	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
7678.832	36.41	10.89	37.71	40.47	50.06	74.00	-23.94	Vertical
9659.786	37.53	12.53	36.96	39.92	53.02	74.00	-20.98	Vertical
11400.000	38.02	13.91	37.71	38.25	52.47	74.00	-21.53	Vertical
13167.540	38.73	15.59	39.51	36.98	51.79	74.00	-22.21	Vertical
15214.630	41.34	16.75	40.28	35.18	52.99	74.00	-21.01	Vertical
17100.000	42.92	19.02	38.11	29.41	53.24	74.00	-20.76	Vertical
7026.495	36.49	10.61	38.37	43.28	52.01	74.00	-21.99	Horizontal
9862.599	37.57	12.64	36.87	39.42	52.76	74.00	-21.24	Horizontal
11400.000	38.02	13.91	37.71	37.09	51.31	74.00	-22.69	Horizontal
13804.270	38.97	16.03	40.27	37.04	51.77	74.00	-22.23	Horizontal
15800.410	41.28	17.31	39.69	34.03	52.93	74.00	-21.07	Horizontal
17100.000	42.92	19.02	38.11	29.50	53.33	74.00	-20.67	Horizontal

Test mode:	802.11ac(HT20)		Frequency(MHz):		5745	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
7079.786	36.47	10.63	38.32	43.98	52.76	74.00	-21.24	Vertical
9007.715	36.61	11.80	37.30	39.37	50.48	74.00	-23.52	Vertical
11490.000	38.09	14.01	37.80	37.65	51.95	74.00	-22.05	Vertical
13882.720	39.06	16.12	40.36	36.24	51.06	74.00	-22.94	Vertical
15800.410	41.28	17.31	39.69	34.75	53.65	74.00	-20.35	Vertical
17235.000	43.08	19.50	37.98	28.15	52.75	74.00	-21.25	Vertical
7678.832	36.41	10.89	37.71	40.66	50.25	74.00	-23.75	Horizontal
8990.716	36.59	11.79	37.30	38.98	50.06	74.00	-23.94	Horizontal
11490.000	38.09	14.01	37.80	38.43	52.73	74.00	-21.27	Horizontal
13167.540	38.73	15.59	39.51	37.77	52.58	74.00	-21.42	Horizontal
14512.850	40.42	16.40	40.50	36.72	53.04	74.00	-20.96	Horizontal
17235.000	43.08	19.50	37.98	28.35	52.95	74.00	-21.05	Horizontal

Test mode:	802.11ac(HT20)		Frequency(MHz):		5785	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
8328.564	36.20	11.58	37.37	41.47	51.88	74.00	-22.12	Vertical
10069.670	37.53	12.76	36.84	39.61	53.06	74.00	-20.94	Vertical
11570.000	38.17	14.09	37.88	37.53	51.91	74.00	-22.09	Vertical
13804.270	38.97	16.03	40.27	37.42	52.15	74.00	-21.85	Vertical
16010.720	41.23	17.50	39.49	33.44	52.68	74.00	-21.32	Vertical
17355.000	43.23	19.92	37.87	28.03	53.31	74.00	-20.69	Vertical
7106.583	36.46	10.64	38.29	43.04	51.85	74.00	-22.15	Horizontal
8344.312	36.18	11.61	37.36	42.02	52.45	74.00	-21.55	Horizontal
11570.000	38.17	14.09	37.88	38.35	52.73	74.00	-21.27	Horizontal
12775.540	38.84	14.93	39.08	36.69	51.38	74.00	-22.62	Horizontal
14929.940	41.18	16.52	40.50	36.08	53.28	74.00	-20.72	Horizontal
17355.000	43.23	19.92	37.87	28.26	53.54	74.00	-20.46	Horizontal

Test mode:	802.11ac(HT20)		Frequency(MHz):		5825	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
7093.172	36.46	10.64	38.30	42.81	51.61	74.00	-22.39	Vertical
9659.786	37.53	12.53	36.96	39.39	52.49	74.00	-21.51	Vertical
11650.000	38.25	14.18	37.96	36.75	51.22	74.00	-22.78	Vertical
13830.370	39.00	16.06	40.30	37.78	52.54	74.00	-21.46	Vertical
16040.990	41.32	17.51	39.45	33.82	53.20	74.00	-20.80	Vertical
17475.000	43.37	20.33	37.77	27.45	53.38	74.00	-20.62	Vertical
7093.172	36.46	10.64	38.30	41.47	50.27	74.00	-23.73	Horizontal
8328.564	36.20	11.58	37.37	41.50	51.91	74.00	-22.09	Horizontal
9993.873	37.60	12.71	36.80	39.00	52.51	74.00	-21.49	Horizontal
11650.000	38.25	14.18	37.96	37.25	51.72	74.00	-22.28	Horizontal
14845.570	41.03	16.50	40.50	36.17	53.20	74.00	-20.80	Horizontal
17475.000	43.37	20.33	37.77	26.71	52.64	74.00	-21.36	Horizontal

Test mode:	802.11n(HT40)		Frequency(MHz):		5190	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
7664.340	36.40	10.88	37.72	40.98	50.54	74.00	-23.46	Vertical
10380.000	37.22	13.00	37.00	39.66	52.88	74.00	-21.12	Vertical
11734.470	38.34	14.27	38.04	37.22	51.79	74.00	-22.21	Vertical
13830.370	39.00	16.06	40.30	37.76	52.52	74.00	-21.48	Vertical
15570.000	41.37	17.09	39.92	34.31	52.85	74.00	-21.15	Vertical
17830.800	44.00	21.55	37.45	24.53	52.63	74.00	-21.37	Vertical
7678.832	36.41	10.89	37.71	41.50	51.09	74.00	-22.91	Horizontal
10380.000	37.22	13.00	37.00	39.75	52.97	74.00	-21.03	Horizontal
11734.470	38.34	14.27	38.04	38.19	52.76	74.00	-21.24	Horizontal
13167.540	38.73	15.59	39.51	38.51	53.32	74.00	-20.68	Horizontal
15570.000	41.37	17.09	39.92	33.43	51.97	74.00	-22.03	Horizontal
17830.800	44.00	21.55	37.45	24.95	53.05	74.00	-20.95	Horizontal

Test mode:	802.11n(HT40)		Frequency(MHz):		5230	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
7079.786	36.47	10.63	38.32	42.81	51.59	74.00	-22.41	Vertical
8344.312	36.18	11.61	37.36	42.29	52.72	74.00	-21.28	Vertical
10460.000	37.14	13.06	37.04	39.77	52.93	74.00	-21.07	Vertical
12751.430	38.85	14.86	39.06	37.51	52.16	74.00	-21.84	Vertical
15690.000	41.32	17.21	39.80	33.97	52.70	74.00	-21.30	Vertical
17830.800	44.00	21.55	37.45	25.24	53.34	74.00	-20.66	Vertical
7693.350	36.42	10.90	37.69	40.74	50.37	74.00	-23.63	Horizontal
8328.564	36.20	11.58	37.37	41.70	52.11	74.00	-21.89	Horizontal
10460.000	37.14	13.06	37.04	39.21	52.37	74.00	-21.63	Horizontal
13242.370	38.70	15.61	39.60	37.38	52.09	74.00	-21.91	Horizontal
15690.000	41.32	17.21	39.80	34.28	53.01	74.00	-20.99	Horizontal
17830.800	44.00	21.55	37.45	24.96	53.06	74.00	-20.94	Horizontal

Test mode:	802.11n(HT40)	Frequency(MHz):	5270	Remark:	Peak

Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
7106.583	36.46	10.64	38.29	42.08	50.89	74.00	-23.11	Vertical
9659.786	37.53	12.53	36.96	39.73	52.83	74.00	-21.17	Vertical
10540.000	37.15	13.12	37.08	38.64	51.83	74.00	-22.17	Vertical
13167.540	38.73	15.59	39.51	37.46	52.27	74.00	-21.73	Vertical
15810.000	41.28	17.32	39.69	33.88	52.79	74.00	-21.21	Vertical
17797.150	43.94	21.44	37.48	25.34	53.24	74.00	-20.76	Vertical
7678.832	36.41	10.89	37.71	41.35	50.94	74.00	-23.06	Horizontal
9659.786	37.53	12.53	36.96	39.84	52.94	74.00	-21.06	Horizontal
10540.000	37.15	13.12	37.08	39.88	53.07	74.00	-20.93	Horizontal
13830.370	39.00	16.06	40.30	37.97	52.73	74.00	-21.27	Horizontal
15810.000	41.28	17.32	39.69	34.54	53.45	74.00	-20.55	Horizontal
17966.030	44.24	22.01	37.33	24.23	53.15	74.00	-20.85	Horizontal

Test mode:	802.11n(HT40)	Frequency(MHz):	5310	Remark:	Peak

Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
7678.832	36.41	10.89	37.71	40.81	50.40	74.00	-23.60	Vertical
9007.715	36.61	11.80	37.30	41.08	52.19	74.00	-21.81	Vertical
10620.000	37.25	13.18	37.12	37.90	51.21	74.00	-22.79	Vertical
13167.540	38.73	15.59	39.51	38.12	52.93	74.00	-21.07	Vertical
15930.000	41.23	17.43	39.57	33.64	52.73	74.00	-21.27	Vertical
17730.040	43.82	21.21	37.54	25.95	53.44	74.00	-20.56	Vertical
8344.312	36.18	11.61	37.36	40.82	51.25	74.00	-22.75	Horizontal
10620.000	37.25	13.18	37.12	38.63	51.94	74.00	-22.06	Horizontal
11734.470	38.34	14.27	38.04	37.99	52.56	74.00	-21.44	Horizontal
13804.270	38.97	16.03	40.27	36.91	51.64	74.00	-22.36	Horizontal
15930.000	41.23	17.43	39.57	34.49	53.58	74.00	-20.42	Horizontal
17830.800	44.00	21.55	37.45	24.43	52.53	74.00	-21.47	Horizontal

Test mode:	802.11n(HT40)	Frequency(MHz):	5510	Remark:	Peak

Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
8344.312	36.18	11.61	37.36	40.29	50.72	74.00	-23.28	Vertical
9659.786	37.53	12.53	36.96	40.15	53.25	74.00	-20.75	Vertical
11020.000	37.72	13.47	37.32	38.43	52.30	74.00	-21.70	Vertical
12751.430	38.85	14.86	39.06	37.55	52.20	74.00	-21.80	Vertical
14485.460	40.37	16.39	40.50	37.05	53.31	74.00	-20.69	Vertical
16530.000	42.71	17.66	38.80	31.77	53.34	74.00	-20.66	Vertical
7093.172	36.46	10.64	38.30	41.92	50.72	74.00	-23.28	Horizontal
9007.715	36.61	11.80	37.30	42.34	53.45	74.00	-20.55	Horizontal
11020.000	37.72	13.47	37.32	38.33	52.20	74.00	-21.80	Horizontal
12775.540	38.84	14.93	39.08	37.43	52.12	74.00	-21.88	Horizontal
14512.850	40.42	16.40	40.50	36.16	52.48	74.00	-21.52	Horizontal
16530.000	42.71	17.66	38.80	31.00	52.57	74.00	-21.43	Horizontal

Test mode:	802.11n(HT40)	Frequency(MHz):	5590	Remark:	Peak

Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
7006.614	36.50	10.60	38.39	41.98	50.69	74.00	-23.31	Vertical
8344.312	36.18	11.61	37.36	40.82	51.25	74.00	-22.75	Vertical
11180.000	37.85	13.66	37.49	38.53	52.55	74.00	-21.45	Vertical
12751.430	38.85	14.86	39.06	38.16	52.81	74.00	-21.19	Vertical
14650.570	40.67	16.44	40.50	35.47	52.08	74.00	-21.92	Vertical
16770.000	42.75	18.18	38.49	30.64	53.08	74.00	-20.92	Vertical
7079.786	36.47	10.63	38.32	41.95	50.73	74.00	-23.27	Horizontal
8990.716	36.59	11.79	37.30	41.67	52.75	74.00	-21.25	Horizontal
11180.000	37.85	13.66	37.49	37.92	51.94	74.00	-22.06	Horizontal
13804.270	38.97	16.03	40.27	38.04	52.77	74.00	-21.23	Horizontal
15534.070	41.39	17.06	39.96	34.46	52.95	74.00	-21.05	Horizontal
16770.000	42.75	18.18	38.49	30.93	53.37	74.00	-20.63	Horizontal

Test mode:	802.11n(HT40)	Frequency(MHz):	5670	Remark:	Peak

Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
7120.020	36.45	10.65	38.27	42.05	50.88	74.00	-23.12	Vertical
8328.564	36.20	11.58	37.37	41.77	52.18	74.00	-21.82	Vertical
11340.000	37.97	13.84	37.65	38.17	52.33	74.00	-21.67	Vertical
13217.380	38.71	15.61	39.57	37.45	52.20	74.00	-21.80	Vertical
15157.260	41.33	16.70	40.34	35.84	53.53	74.00	-20.47	Vertical
17010.000	42.81	18.71	38.19	28.97	52.30	74.00	-21.70	Vertical
7678.832	36.41	10.89	37.71	41.19	50.78	74.00	-23.22	Horizontal
9659.786	37.53	12.53	36.96	40.05	53.15	74.00	-20.85	Horizontal
11340.000	37.97	13.84	37.65	37.42	51.58	74.00	-22.42	Horizontal
12775.540	38.84	14.93	39.08	37.97	52.66	74.00	-21.34	Horizontal
14512.850	40.42	16.40	40.50	36.36	52.68	74.00	-21.32	Horizontal
17010.000	42.81	18.71	38.19	29.79	53.12	74.00	-20.88	Horizontal

Test mode:	802.11n(HT40)	Frequency(MHz):	5755	Remark:	Peak

Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
7678.832	36.41	10.89	37.71	41.88	51.47	74.00	-22.53	Vertical
9993.873	37.60	12.71	36.80	38.66	52.17	74.00	-21.83	Vertical
11510.000	38.11	14.03	37.82	37.98	52.30	74.00	-21.70	Vertical
13217.380	38.71	15.61	39.57	37.23	51.98	74.00	-22.02	Vertical
15417.140	41.38	16.95	40.07	35.04	53.30	74.00	-20.70	Vertical
17265.000	43.12	19.60	37.96	28.75	53.51	74.00	-20.49	Vertical
7160.481	36.43	10.66	38.23	41.74	50.60	74.00	-23.40	Horizontal
9007.715	36.61	11.80	37.30	41.23	52.34	74.00	-21.66	Horizontal
11510.000	38.11	14.03	37.82	37.07	51.39	74.00	-22.61	Horizontal
13217.380	38.71	15.61	39.57	37.47	52.22	74.00	-21.78	Horizontal
15157.260	41.33	16.70	40.34	35.23	52.92	74.00	-21.08	Horizontal
17265.000	43.12	19.60	37.96	28.50	53.26	74.00	-20.74	Horizontal

Test mode:	802.11n(HT40)	Frequency(MHz):	5795	Remark:	Peak

Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
7093.172	36.46	10.64	38.30	42.02	50.82	74.00	-23.18	Vertical
8328.564	36.20	11.58	37.37	41.09	51.50	74.00	-22.50	Vertical
11590.000	38.19	14.12	37.90	36.87	51.28	74.00	-22.72	Vertical
12751.430	38.85	14.86	39.06	37.52	52.17	74.00	-21.83	Vertical
15214.630	41.34	16.75	40.28	35.22	53.03	74.00	-20.97	Vertical
17385.000	43.26	20.02	37.85	27.95	53.38	74.00	-20.62	Vertical
7093.172	36.46	10.64	38.30	41.99	50.79	74.00	-23.21	Horizontal
9659.786	37.53	12.53	36.96	39.70	52.80	74.00	-21.20	Horizontal
11590.000	38.19	14.12	37.90	38.52	52.93	74.00	-21.07	Horizontal
13830.370	39.00	16.06	40.30	37.37	52.13	74.00	-21.87	Horizontal
15740.830	41.30	17.26	39.75	34.40	53.21	74.00	-20.79	Horizontal
17385.000	43.26	20.02	37.85	28.02	53.45	74.00	-20.55	Horizontal

Test mode:	802.11ac(HT40)	Frequency(MHz):	5190	Remark:	Peak

Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
9007.715	36.61	11.80	37.30	39.06	50.17	74.00	-23.83	Vertical
10380.000	37.22	13.00	37.00	38.89	52.11	74.00	-21.89	Vertical
11712.330	38.31	14.25	38.02	37.10	51.64	74.00	-22.36	Vertical
13778.220	38.94	16.00	40.24	38.02	52.72	74.00	-21.28	Vertical
15570.000	41.37	17.09	39.92	33.94	52.48	74.00	-21.52	Vertical
17763.560	43.88	21.32	37.51	25.56	53.25	74.00	-20.75	Vertical
7678.832	36.41	10.89	37.71	41.57	51.16	74.00	-22.84	Horizontal
10380.000	37.22	13.00	37.00	39.22	52.44	74.00	-21.56	Horizontal
11067.070	37.75	13.53	37.37	38.39	52.30	74.00	-21.70	Horizontal
12751.430	38.85	14.86	39.06	36.69	51.34	74.00	-22.66	Horizontal
15570.000	41.37	17.09	39.92	34.09	52.63	74.00	-21.37	Horizontal
17830.800	44.00	21.55	37.45	25.50	53.60	74.00	-20.40	Horizontal

Test mode:	802.11ac(HT40)	Frequency(MHz):	5230	Remark:	Peak		

Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
7678.832	36.41	10.89	37.71	41.29	50.88	74.00	-23.12	Vertical
10460.000	37.14	13.06	37.04	39.09	52.25	74.00	-21.75	Vertical
11734.470	38.34	14.27	38.04	37.15	51.72	74.00	-22.28	Vertical
13804.270	38.97	16.03	40.27	37.59	52.32	74.00	-21.68	Vertical
15690.000	41.32	17.21	39.80	33.97	52.70	74.00	-21.30	Vertical
17797.150	43.94	21.44	37.48	25.48	53.38	74.00	-20.62	Vertical
7093.172	36.46	10.64	38.30	41.87	50.67	74.00	-23.33	Horizontal
10460.000	37.14	13.06	37.04	39.08	52.24	74.00	-21.76	Horizontal
11734.470	38.34	14.27	38.04	37.15	51.72	74.00	-22.28	Horizontal
13217.380	38.71	15.61	39.57	37.54	52.29	74.00	-21.71	Horizontal
15690.000	41.32	17.21	39.80	33.89	52.62	74.00	-21.38	Horizontal
17797.150	43.94	21.44	37.48	25.48	53.38	74.00	-20.62	Horizontal

Test mode:	802.11ac(HT40)	Frequency(MHz):	5270	Remark:	Peak		

Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
9007.715	36.61	11.80	37.30	39.20	50.31	74.00	-23.69	Vertical
10540.000	37.15	13.12	37.08	39.23	52.42	74.00	-21.58	Vertical
11756.660	38.36	14.30	38.06	36.88	51.48	74.00	-22.52	Vertical
13804.270	38.97	16.03	40.27	37.91	52.64	74.00	-21.36	Vertical
15810.000	41.28	17.32	39.69	33.99	52.90	74.00	-21.10	Vertical
17797.150	43.94	21.44	37.48	25.37	53.27	74.00	-20.73	Vertical
7678.832	36.41	10.89	37.71	41.89	51.48	74.00	-22.52	Horizontal
10540.000	37.15	13.12	37.08	38.74	51.93	74.00	-22.07	Horizontal
11734.470	38.34	14.27	38.04	37.28	51.85	74.00	-22.15	Horizontal
13778.220	38.94	16.00	40.24	37.76	52.46	74.00	-21.54	Horizontal
15810.000	41.28	17.32	39.69	34.35	53.26	74.00	-20.74	Horizontal
17629.850	43.64	20.87	37.63	26.23	53.11	74.00	-20.89	Horizontal

Test mode:	802.11ac(HT40)	Frequency(MHz):	5310	Remark:	Peak		

Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
7106.583	36.46	10.64	38.29	42.13	50.94	74.00	-23.06	Vertical
9659.786	37.53	12.53	36.96	39.67	52.77	74.00	-21.23	Vertical
10620.000	37.25	13.18	37.12	38.63	51.94	74.00	-22.06	Vertical
12751.430	38.85	14.86	39.06	36.81	51.46	74.00	-22.54	Vertical
15930.000	41.23	17.43	39.57	34.25	53.34	74.00	-20.66	Vertical
17932.130	44.18	21.89	37.36	24.27	52.98	74.00	-21.02	Vertical
7106.583	36.46	10.64	38.29	41.93	50.74	74.00	-23.26	Horizontal
8328.564	36.20	11.58	37.37	42.20	52.61	74.00	-21.39	Horizontal
10620.000	37.25	13.18	37.12	39.09	52.40	74.00	-21.60	Horizontal
13778.220	38.94	16.00	40.24	37.04	51.74	74.00	-22.26	Horizontal
15930.000	41.23	17.43	39.57	33.92	53.01	74.00	-20.99	Horizontal
17797.150	43.94	21.44	37.48	24.37	52.27	74.00	-21.73	Horizontal

Test mode:	802.11ac(HT40)	Frequency(MHz):	5510	Remark:	Peak		

Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
8344.312	36.18	11.61	37.36	40.69	51.12	74.00	-22.88	Vertical
9659.786	37.53	12.53	36.96	39.57	52.67	74.00	-21.33	Vertical
11020.000	37.72	13.47	37.32	37.28	51.15	74.00	-22.85	Vertical
12775.540	38.84	14.93	39.08	37.31	52.00	74.00	-22.00	Vertical
14485.460	40.37	16.39	40.50	36.57	52.83	74.00	-21.17	Vertical
16530.000	42.71	17.66	38.80	31.81	53.38	74.00	-20.62	Vertical
8328.564	36.20	11.58	37.37	40.84	51.25	74.00	-22.75	Horizontal
10012.770	37.59	12.72	36.81	39.98	53.48	74.00	-20.52	Horizontal
11020.000	37.72	13.47	37.32	38.51	52.38	74.00	-21.62	Horizontal
12751.430	38.85	14.86	39.06	36.72	51.37	74.00	-22.63	Horizontal
14901.760	41.13	16.51	40.50	35.56	52.70	74.00	-21.30	Horizontal
16530.000	42.71	17.66	38.80	30.66	52.23	74.00	-21.77	Horizontal

Test mode:	802.11ac(HT40)	Frequency(MHz):	5590	Remark:	Peak		

Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
7093.172	36.46	10.64	38.30	42.10	50.90	74.00	-23.10	Vertical
8328.564	36.20	11.58	37.37	40.66	51.07	74.00	-22.93	Vertical
11180.000	37.85	13.66	37.49	38.94	52.96	74.00	-21.04	Vertical
13217.380	38.71	15.61	39.57	37.25	52.00	74.00	-22.00	Vertical
14929.940	41.18	16.52	40.50	35.96	53.16	74.00	-20.84	Vertical
16770.000	42.75	18.18	38.49	30.43	52.87	74.00	-21.13	Vertical
7053.090	36.48	10.62	38.34	42.81	51.57	74.00	-22.43	Horizontal
8344.312	36.18	11.61	37.36	42.27	52.70	74.00	-21.30	Horizontal
11180.000	37.85	13.66	37.49	37.70	51.72	74.00	-22.28	Horizontal
13117.890	38.75	15.58	39.45	37.43	52.31	74.00	-21.69	Horizontal
15800.410	41.28	17.31	39.69	33.96	52.86	74.00	-21.14	Horizontal
16770.000	42.75	18.18	38.49	30.15	52.59	74.00	-21.41	Horizontal

Test mode:	802.11ac(HT40)	Frequency(MHz):	5670	Remark:	Peak		

Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
7678.832	36.41	10.89	37.71	41.28	50.87	74.00	-23.13	Vertical
9007.715	36.61	11.80	37.30	41.68	52.79	74.00	-21.21	Vertical
11340.000	37.97	13.84	37.65	37.68	51.84	74.00	-22.16	Vertical
13804.270	38.97	16.03	40.27	37.72	52.45	74.00	-21.55	Vertical
16010.720	41.23	17.50	39.49	33.69	52.93	74.00	-21.07	Vertical
17010.000	42.81	18.71	38.19	29.37	52.70	74.00	-21.30	Vertical
7013.235	36.49	10.61	38.39	42.32	51.03	74.00	-22.97	Horizontal
9007.715	36.61	11.80	37.30	41.10	52.21	74.00	-21.79	Horizontal
11340.000	37.97	13.84	37.65	36.93	51.09	74.00	-22.91	Horizontal
12751.430	38.85	14.86	39.06	37.84	52.49	74.00	-21.51	Horizontal
14929.940	41.18	16.52	40.50	36.33	53.53	74.00	-20.47	Horizontal
17010.000	42.81	18.71	38.19	29.30	52.63	74.00	-21.37	Horizontal

Test mode:	802.11ac(HT40)	Frequency(MHz):	5755	Remark:	Peak

Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
7019.862	36.49	10.61	38.38	41.82	50.54	74.00	-23.46	Vertical
8344.312	36.18	11.61	37.36	41.89	52.32	74.00	-21.68	Vertical
11510.000	38.11	14.03	37.82	37.70	52.02	74.00	-21.98	Vertical
14567.780	40.52	16.42	40.50	36.34	52.78	74.00	-21.22	Vertical
16223.830	41.88	17.54	39.20	32.50	52.72	74.00	-21.28	Vertical
17265.000	43.12	19.60	37.96	28.59	53.35	74.00	-20.65	Vertical
7678.832	36.41	10.89	37.71	41.10	50.69	74.00	-23.31	Horizontal
9659.786	37.53	12.53	36.96	39.98	53.08	74.00	-20.92	Horizontal
11510.000	38.11	14.03	37.82	38.22	52.54	74.00	-21.46	Horizontal
12751.430	38.85	14.86	39.06	36.73	51.38	74.00	-22.62	Horizontal
14485.460	40.37	16.39	40.50	36.37	52.63	74.00	-21.37	Horizontal
17265.000	43.12	19.60	37.96	28.62	53.38	74.00	-20.62	Horizontal

Test mode:	802.11ac(HT40)	Frequency(MHz):	5795	Remark:	Peak

Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
7678.832	36.41	10.89	37.71	41.16	50.75	74.00	-23.25	Vertical
9881.246	37.58	12.65	36.86	39.68	53.05	74.00	-20.95	Vertical
11590.000	38.19	14.12	37.90	37.91	52.32	74.00	-21.68	Vertical
12775.540	38.84	14.93	39.08	37.65	52.34	74.00	-21.66	Vertical
14512.850	40.42	16.40	40.50	36.43	52.75	74.00	-21.25	Vertical
17385.000	43.26	20.02	37.85	27.64	53.07	74.00	-20.93	Vertical
7664.340	36.40	10.88	37.72	41.29	50.85	74.00	-23.15	Horizontal
9659.786	37.53	12.53	36.96	39.70	52.80	74.00	-21.20	Horizontal
11590.000	38.19	14.12	37.90	37.96	52.37	74.00	-21.63	Horizontal
13778.220	38.94	16.00	40.24	37.13	51.83	74.00	-22.17	Horizontal
16040.990	41.32	17.51	39.45	33.50	52.88	74.00	-21.12	Horizontal
17385.000	43.26	20.02	37.85	27.33	52.76	74.00	-21.24	Horizontal

Test mode:	802.11ac(HT80)	Frequency(MHz):	5120	Remark:	Peak		

Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
7678.832	36.41	10.89	37.71	41.38	50.97	74.00	-23.03	Vertical
9659.786	37.53	12.53	36.96	39.91	53.01	74.00	-20.99	Vertical
10420.000	37.18	13.03	37.02	39.47	52.66	74.00	-21.34	Vertical
12751.430	38.85	14.86	39.06	36.72	51.37	74.00	-22.63	Vertical
15630.000	41.35	17.15	39.86	34.23	52.87	74.00	-21.13	Vertical
17830.800	44.00	21.55	37.45	24.67	52.77	74.00	-21.23	Vertical
7093.172	36.46	10.64	38.30	41.77	50.57	74.00	-23.43	Horizontal
8990.716	36.59	11.79	37.30	41.78	52.86	74.00	-21.14	Horizontal
10420.000	37.18	13.03	37.02	39.25	52.44	74.00	-21.56	Horizontal
12775.540	38.84	14.93	39.08	38.31	53.00	74.00	-21.00	Horizontal
15630.000	41.35	17.15	39.86	34.14	52.78	74.00	-21.22	Horizontal
17797.150	43.94	21.44	37.48	25.45	53.35	74.00	-20.65	Horizontal

Test mode:	802.11ac(HT40)	Frequency(MHz):	5290	Remark:	Peak		

Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
8328.564	36.20	11.58	37.37	41.37	51.78	74.00	-22.22	Vertical
10580.000	37.20	13.15	37.10	39.29	52.54	74.00	-21.46	Vertical
11734.470	38.34	14.27	38.04	37.32	51.89	74.00	-22.11	Vertical
13778.220	38.94	16.00	40.24	36.75	51.45	74.00	-22.55	Vertical
15870.000	41.25	17.38	39.63	33.11	52.11	74.00	-21.89	Vertical
17830.800	44.00	21.55	37.45	25.31	53.41	74.00	-20.59	Vertical
7160.481	36.43	10.66	38.23	41.94	50.80	74.00	-23.20	Horizontal
8990.716	36.59	11.79	37.30	41.08	52.16	74.00	-21.84	Horizontal
10580.000	37.20	13.15	37.10	39.63	52.88	74.00	-21.12	Horizontal
13804.270	38.97	16.03	40.27	38.19	52.92	74.00	-21.08	Horizontal
15870.000	41.25	17.38	39.63	32.11	51.11	74.00	-22.89	Horizontal
17830.800	44.00	21.55	37.45	24.66	52.76	74.00	-21.24	Horizontal

Test mode:	802.11ac(HT40)	Frequency(MHz):	5530	Remark:	Peak		

Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
7093.172	36.46	10.64	38.30	41.34	50.14	74.00	-23.86	Vertical
8328.564	36.20	11.58	37.37	41.01	51.42	74.00	-22.58	Vertical
11060.000	37.75	13.52	37.36	38.22	52.13	74.00	-21.87	Vertical
12751.430	38.85	14.86	39.06	37.85	52.50	74.00	-21.50	Vertical
14567.780	40.52	16.42	40.50	36.24	52.68	74.00	-21.32	Vertical
16590.000	42.72	17.79	38.72	29.53	51.32	74.00	-22.68	Vertical
7678.832	36.41	10.89	37.71	40.81	50.40	74.00	-23.60	Horizontal
9956.188	37.59	12.69	36.82	39.23	52.69	74.00	-21.31	Horizontal
11060.000	37.75	13.52	37.36	38.21	52.12	74.00	-21.88	Horizontal
13804.270	38.97	16.03	40.27	38.22	52.95	74.00	-21.05	Horizontal
16590.000	42.72	17.79	38.72	31.10	52.89	74.00	-21.11	Horizontal
17932.130	44.18	21.89	37.36	24.50	53.21	74.00	-20.79	Horizontal

Test mode:	802.11ac(HT40)	Frequency(MHz):	5610	Remark:	Peak		

Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
7678.832	36.41	10.89	37.71	41.14	50.73	74.00	-23.27	Vertical
9659.786	37.53	12.53	36.96	40.29	53.39	74.00	-20.61	Vertical
11220.000	37.88	13.70	37.53	38.31	52.36	74.00	-21.64	Vertical
12775.540	38.84	14.93	39.08	37.04	51.73	74.00	-22.27	Vertical
14512.850	40.42	16.40	40.50	36.14	52.46	74.00	-21.54	Vertical
16830.000	42.77	18.31	38.42	29.53	52.19	74.00	-21.81	Vertical
7079.786	36.47	10.63	38.32	41.89	50.67	74.00	-23.33	Horizontal
8344.312	36.18	11.61	37.36	41.51	51.94	74.00	-22.06	Horizontal
9881.246	37.58	12.65	36.86	40.01	53.38	74.00	-20.62	Horizontal
11220.000	37.88	13.70	37.53	38.34	52.39	74.00	-21.61	Horizontal
14567.780	40.52	16.42	40.50	37.00	53.44	74.00	-20.56	Horizontal
16830.000	42.77	18.31	38.42	30.29	52.95	74.00	-21.05	Horizontal

Test mode:	802.11ac(HT40)	Frequency(MHz):	5775	Remark:	Peak

Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
7664.340	36.40	10.88	37.72	41.74	51.30	74.00	-22.70	Vertical
8990.716	36.59	11.79	37.30	41.03	52.11	74.00	-21.89	Vertical
11550.000	38.15	14.07	37.86	38.11	52.47	74.00	-21.53	Vertical
13117.890	38.75	15.58	39.45	36.17	51.05	74.00	-22.95	Vertical
14929.940	41.18	16.52	40.50	35.98	53.18	74.00	-20.82	Vertical
17325.000	43.19	19.81	37.90	27.51	52.61	74.00	-21.39	Vertical
7106.583	36.46	10.64	38.29	41.36	50.17	74.00	-23.83	Horizontal
9007.715	36.61	11.80	37.30	40.81	51.92	74.00	-22.08	Horizontal
11550.000	38.15	14.07	37.86	36.85	51.21	74.00	-22.79	Horizontal
13192.440	38.72	15.60	39.54	37.97	52.75	74.00	-21.25	Horizontal
14929.940	41.18	16.52	40.50	35.92	53.12	74.00	-20.88	Horizontal
17325.000	43.19	19.81	37.90	26.54	51.64	74.00	-22.36	Horizontal

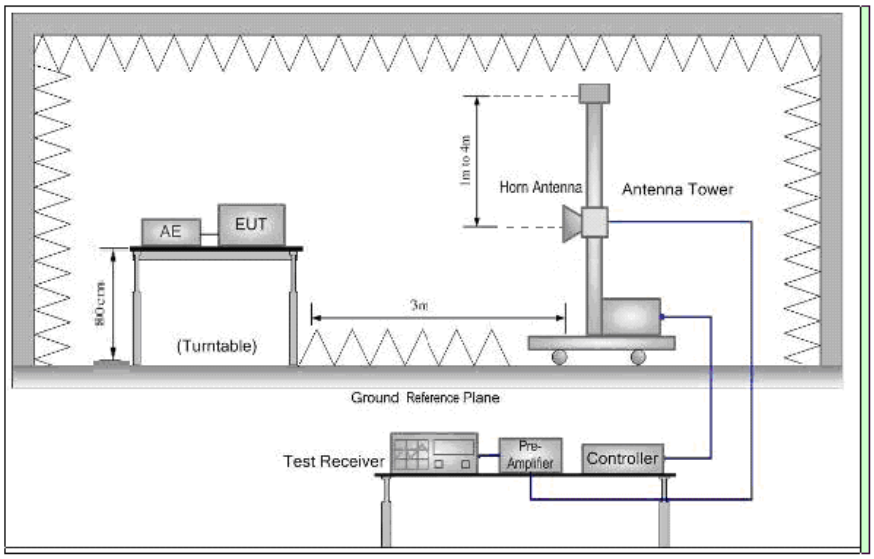
Remark:
1) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:
Final Test Level =Receiver Reading + Antenna Factor + Cable Factor – Preamplifier Factor
2) Scan from 9kHz to 25GHz,The disturbance above 13GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported .
3) As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. So, only the peak measurements were shown in the report.

6.9 Restricted bands around fundamental frequency

Test Requirement:	47 CFR Part 15 Section 15.407(b)
Test Method:	ANSI C63.10: 2013
Test Site:	Measurement Distance: 3m (Semi-Anechoic Chamber)
Limit:	

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

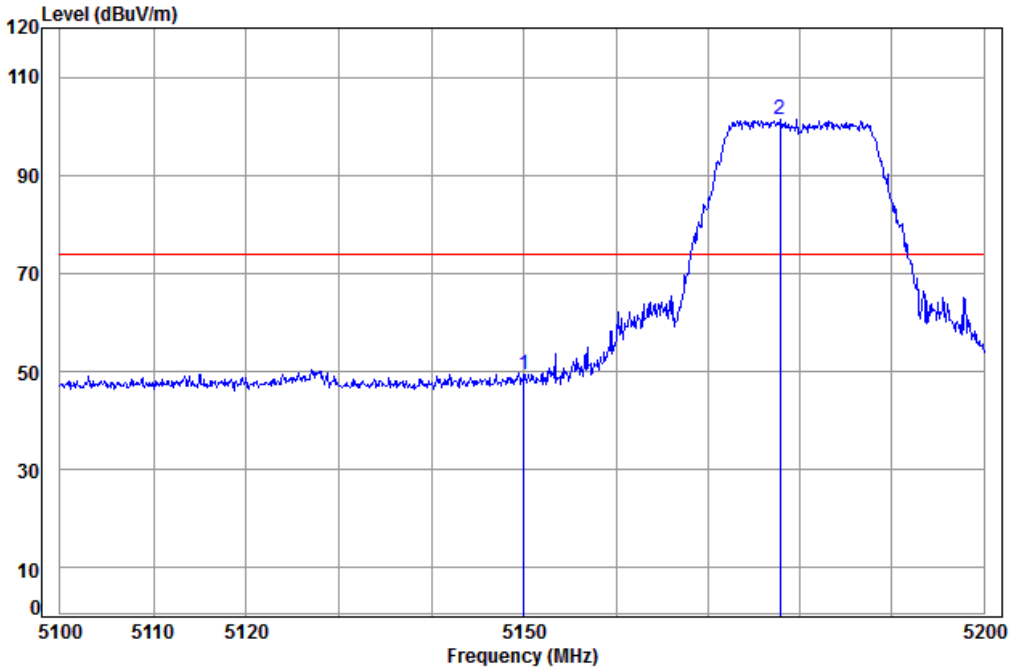
Test Setup:



Test Procedure:	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 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 g. Test the EUT in the outermost channels. 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.
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates.
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCSO of rate is the worst case of 802.11n(HT20); MCSO of rate is the worst case of 802.11n(HT40); MCSO of rate is the worst case of 802.11ac(HT20); MCSO of rate is the worst case of 802.11ac(HT40); MCSO of rate is the worst case of 802.11ac(HT80) Only the worst case is recorded in the report.
Instruments Used:	Refer to section 5.10 for details
Test Results:	Pass

Test plot as follows:

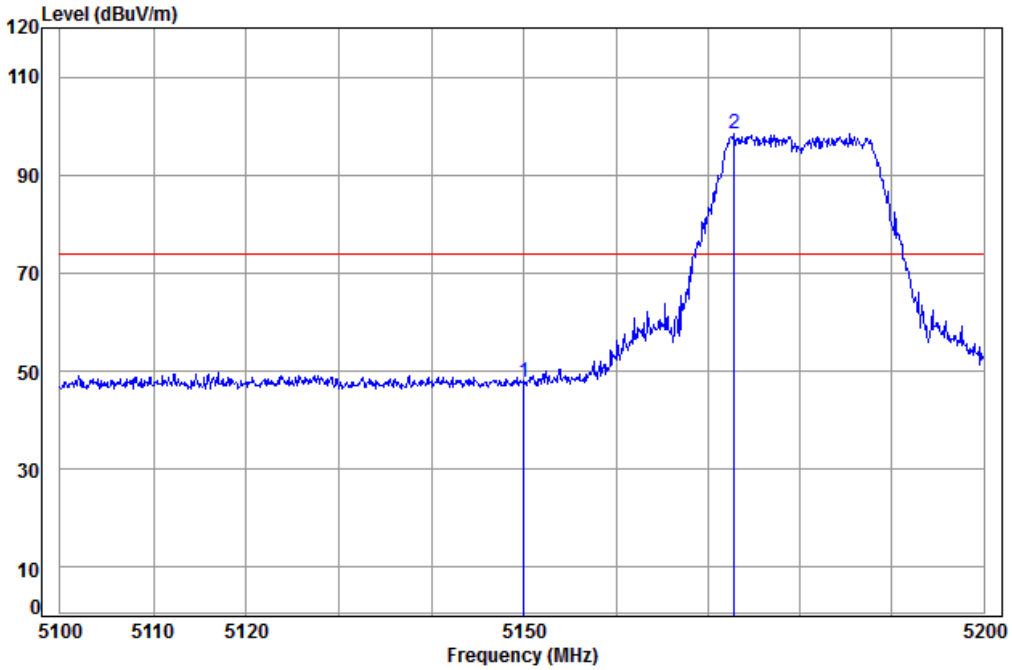
Test mode:	802.11a	Frequency(MHz):	5180	Vertical



Condition: 3m Vertical
Job No: : 6309RG
Mode: : 5180 Band edge
: A20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5150.000	8.08	34.47	39.08	45.97	49.44	74.00	-24.56	Peak
2 pp	5177.833	8.09	34.46	39.08	97.83	101.30	74.00	27.30	Peak

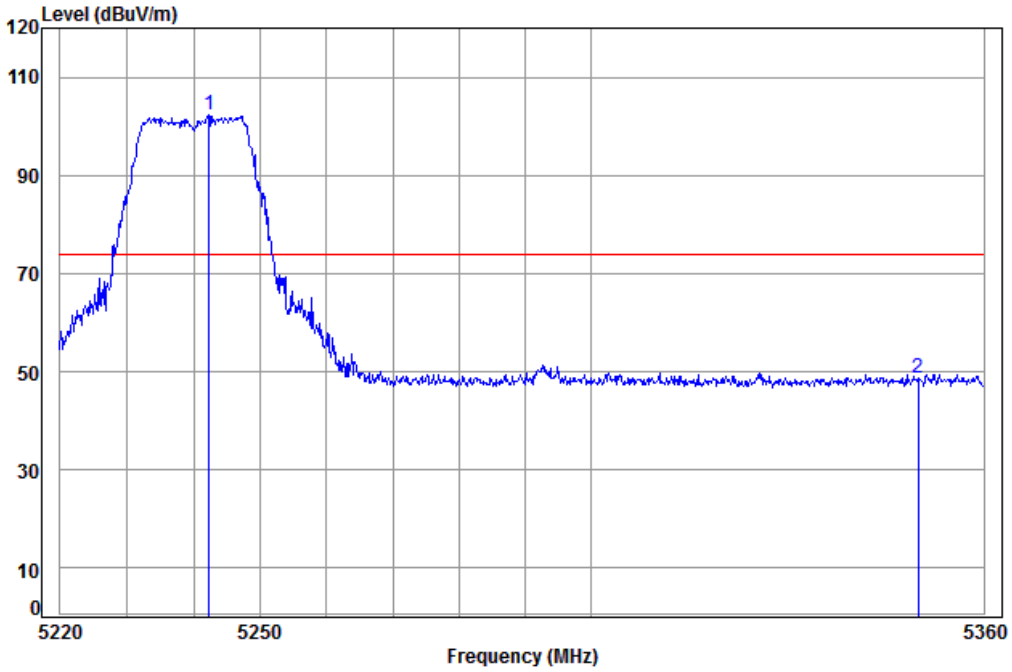
Test mode:	802.11a	Frequency(MHz):	5180	Horizontal



Condition: 3m Horizontal
Job No: : 6309RG
Mode: : 5180 Band edge
: A20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5150.000	8.08	34.47	39.08	44.16	47.63	74.00	-26.37	Peak
2 pp	5172.809	8.09	34.46	39.08	95.11	98.58	74.00	24.58	Peak

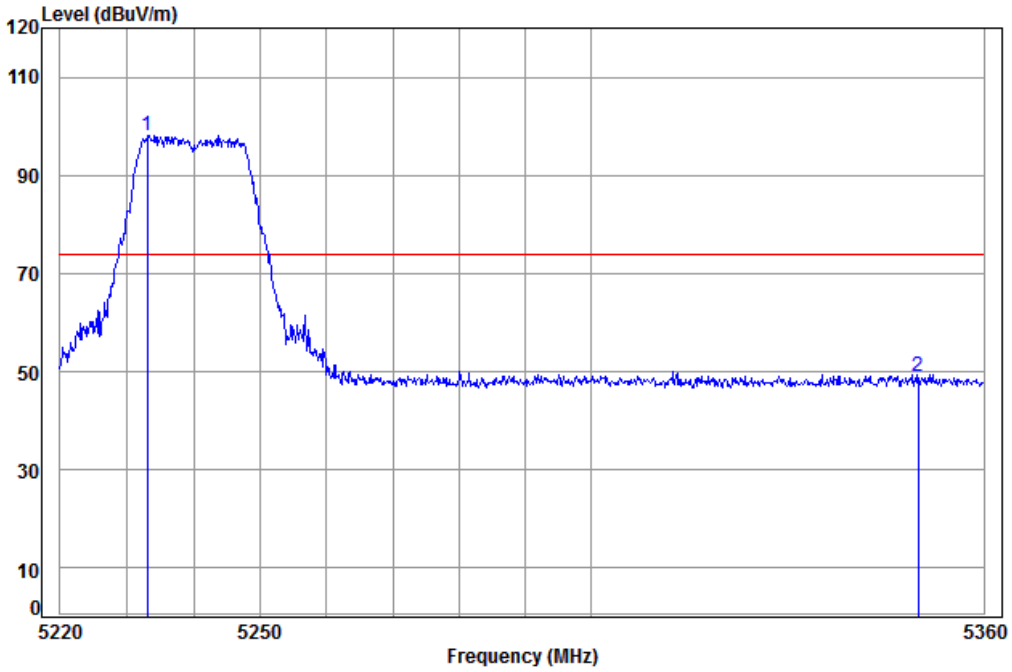
Test mode:	802.11a	Frequency(MHz):	5240	Vertical



Condition: 3m Vertical
Job No: : 6309RG
Mode: : 5240 Band edge
: A20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5242.291	8.12	34.45	39.07	98.83	102.33	74.00	28.33	Peak
2	5350.000	8.18	34.43	39.06	45.03	48.58	74.00	-25.42	Peak

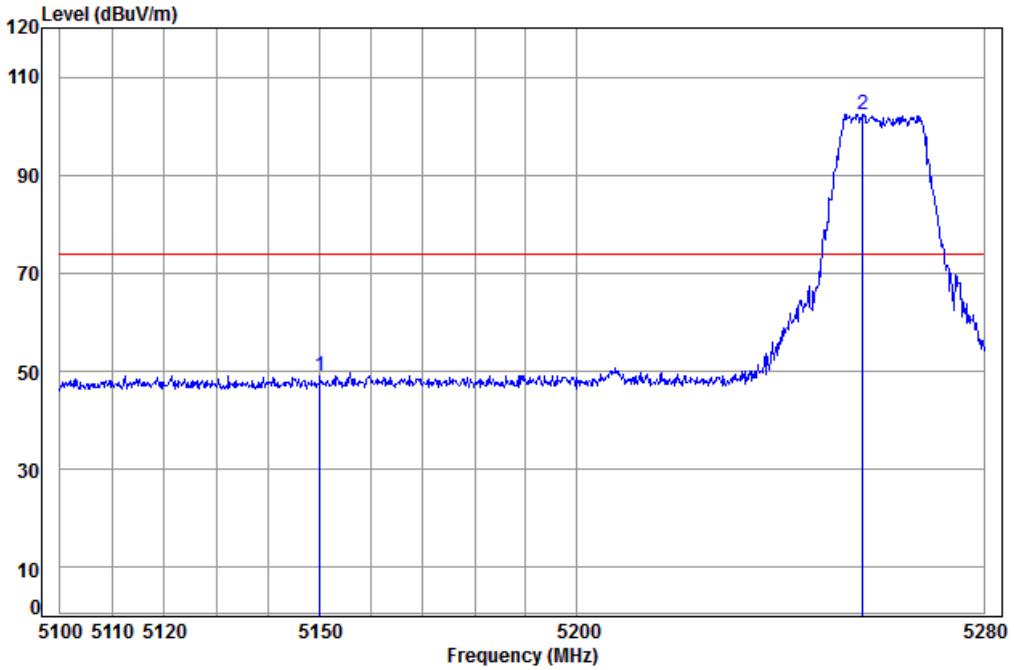
Test mode:	802.11a	Frequency(MHz):	5240	Horizontal



Condition: 3m Horizontal
Job No: : 6309RG
Mode: : 5240 Band edge
: A20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	pp 5233.003	8.12	34.45	39.08	94.68	98.17	74.00	24.17	Peak
2	5350.000	8.18	34.43	39.06	45.65	49.20	74.00	-24.80	Peak

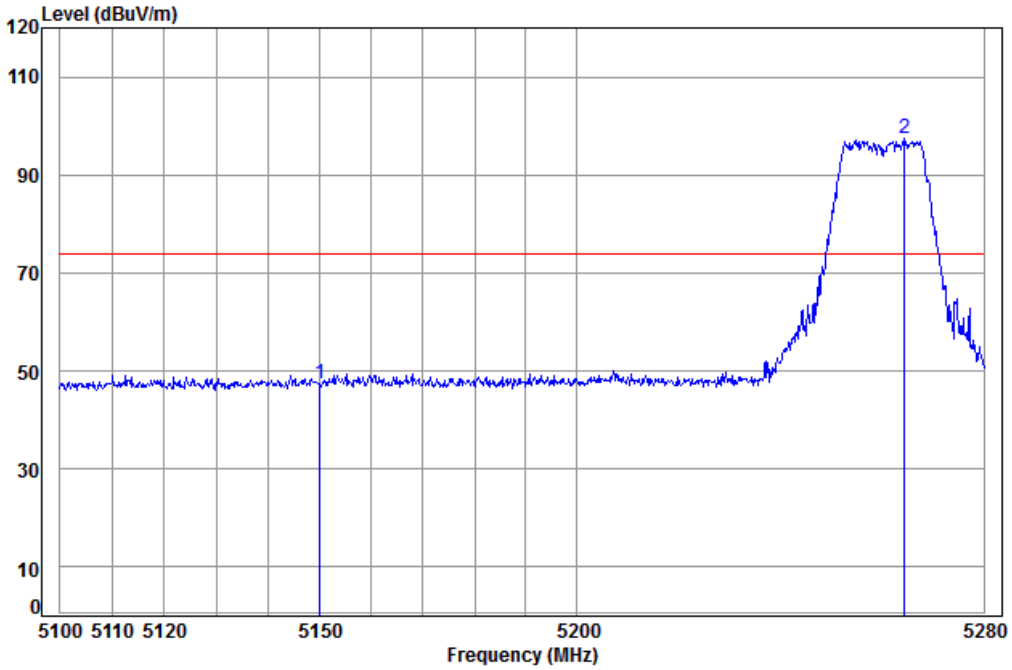
Test mode:	802.11a	Frequency(MHz):	5260	Vertical



Condition: 3m Vertical
Job No: : 6309RG
Mode: : 5260 Band edge
: A20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5150.000	8.08	34.47	39.08	45.52	48.99	74.00	-25.01	Peak
2 pp	5256.063	8.13	34.45	39.07	98.93	102.44	74.00	28.44	Peak

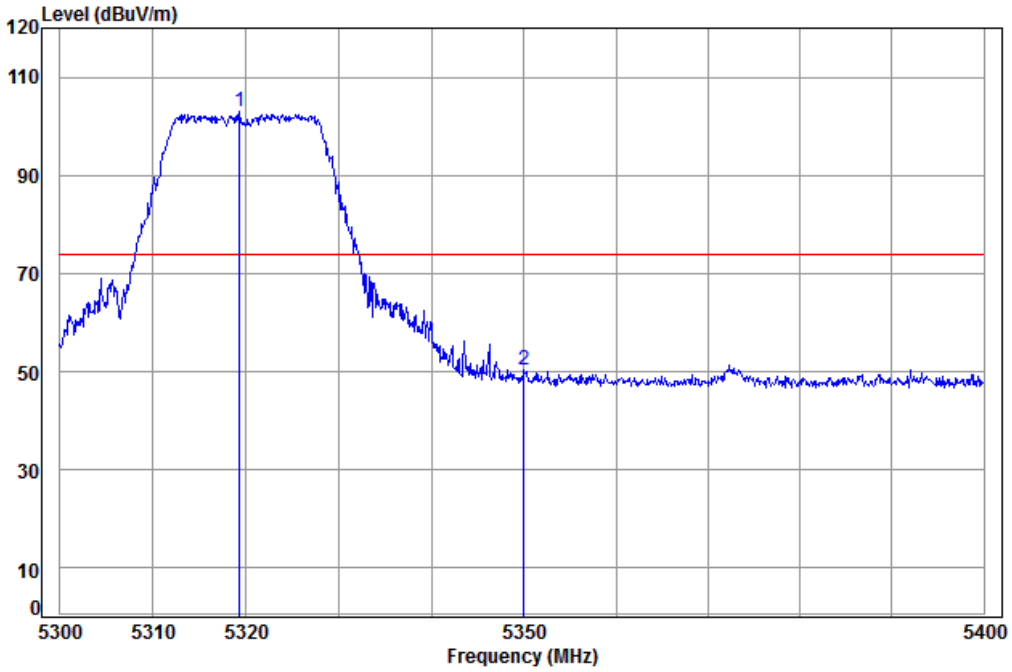
Test mode:	802.11a	Frequency(MHz):	5260	Horizontal



Condition: 3m Horizontal
Job No: : 6309RG
Mode: : 5260 Band edge
: A20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5150.000	8.08	34.47	39.08	43.79	47.26	74.00	-26.74	Peak
2 pp	5264.273	8.14	34.45	39.07	93.92	97.44	74.00	23.44	Peak

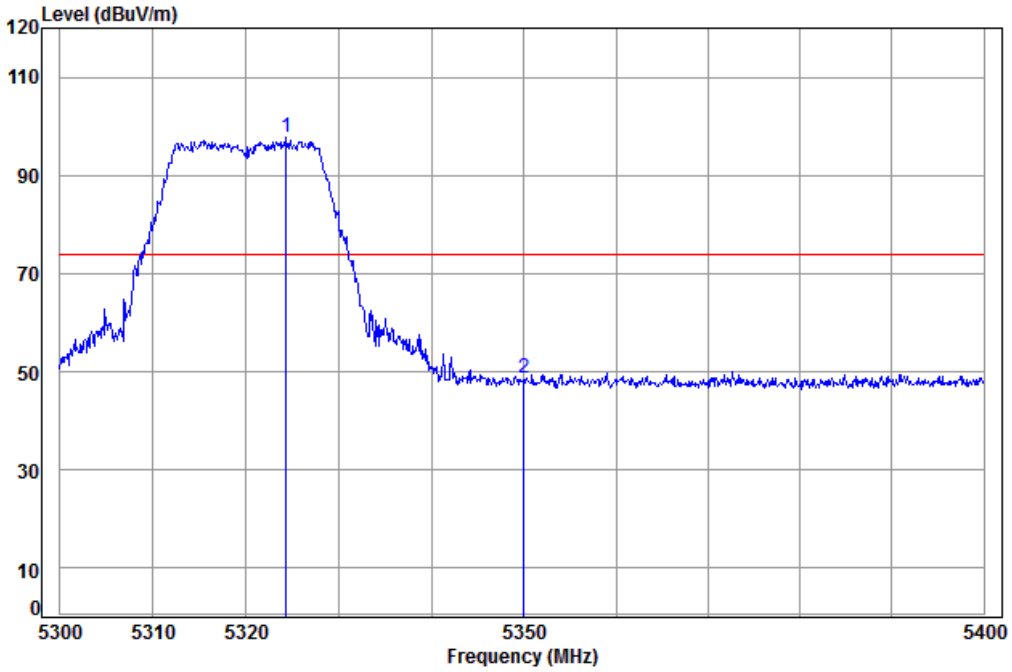
Test mode:	802.11a	Frequency(MHz):	5320	Vertical



Condition: 3m Vertical
Job No: : 6309RG
Mode: : 5320 Band edge
: A20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5319.254	8.16	34.44	39.07	99.45	102.98	74.00	28.98	Peak
2	5350.000	8.18	34.43	39.06	46.82	50.37	74.00	-23.63	Peak

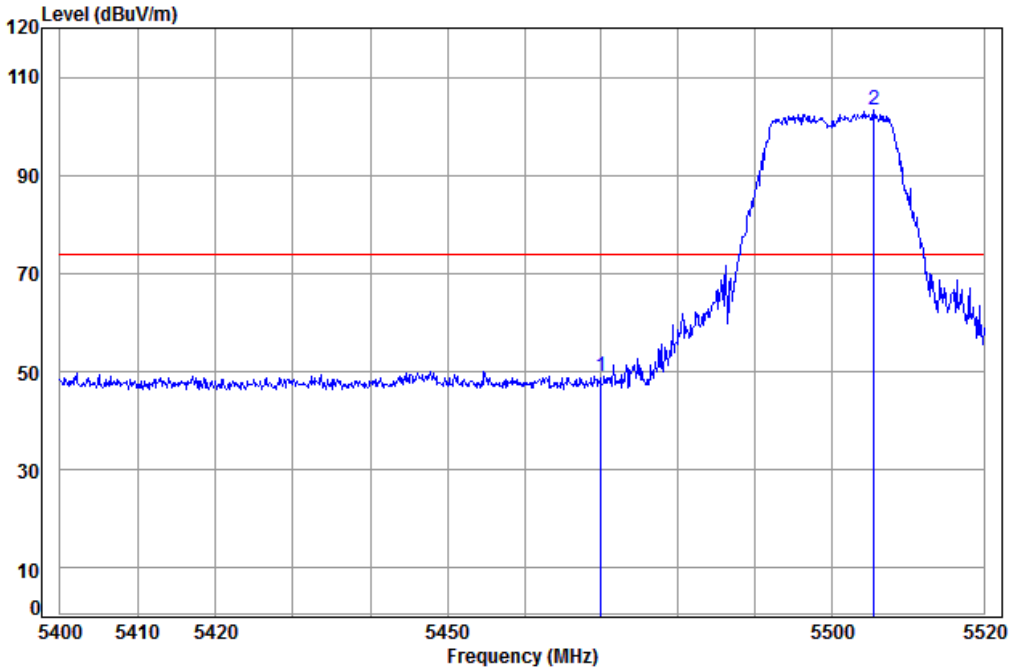
Test mode:	802.11a	Frequency(MHz):	5320	Horizontal



Condition: 3m Horizontal
Job No: : 6309RG
Mode: : 5320 Band edge
: A20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5324.328	8.16	34.43	39.07	94.27	97.79	74.00	23.79	Peak
2	5350.000	8.18	34.43	39.06	45.16	48.71	74.00	-25.29	Peak

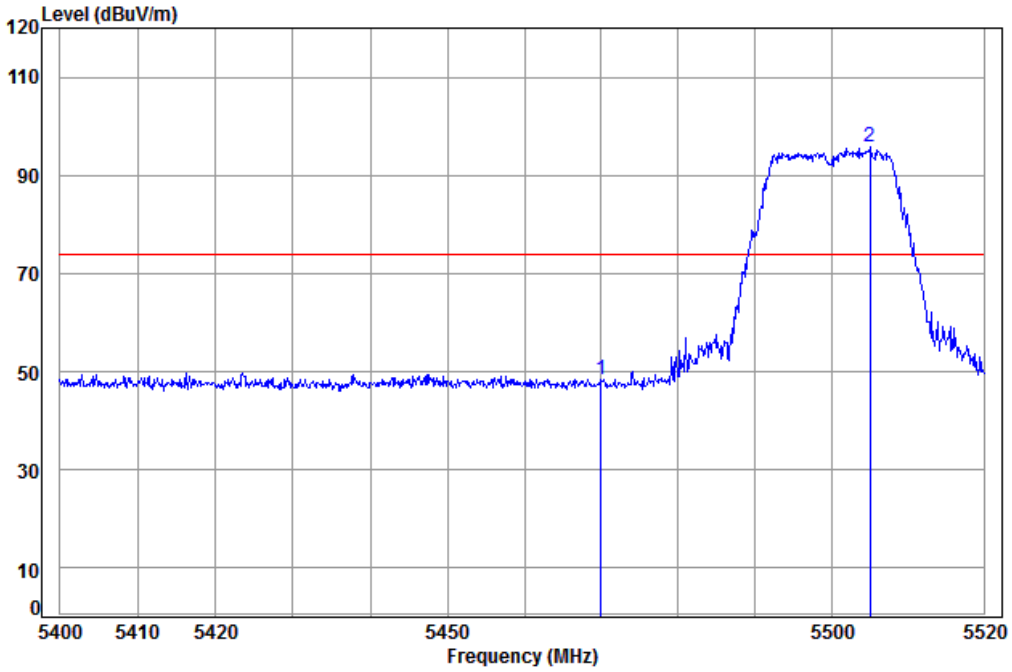
Test mode:	802.11a	Frequency(MHz):	5500	Vertical



Condition: 3m Vertical
Job No: : 6309RG
Mode: : 5500 Band edge
: A20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5470.000	8.24	34.41	39.05	45.43	49.03	74.00	-24.97	Peak
2 pp	5505.582	8.26	34.40	39.05	99.55	103.16	74.00	29.16	Peak

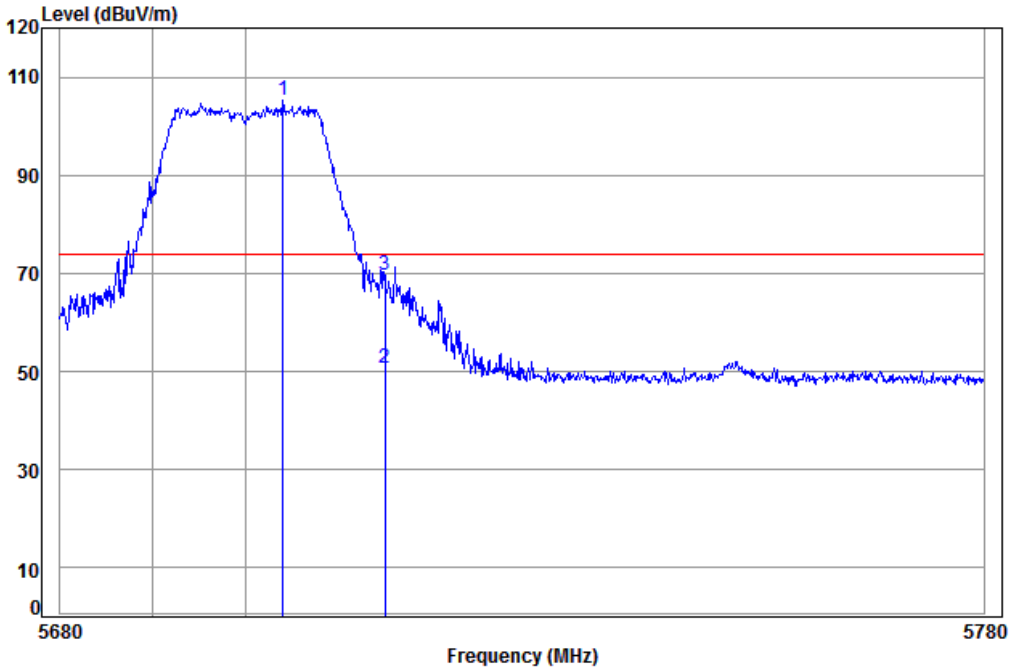
Test mode:	802.11a	Frequency(MHz):	5500	Horizontal



Condition: 3m Horizontal
Job No: : 6309RG
Mode: : 5500 Band edge
: A20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5470.000	8.24	34.41	39.05	44.69	48.29	74.00	-25.71	Peak
2 pp	5505.097	8.26	34.40	39.05	92.05	95.66	74.00	21.66	Peak

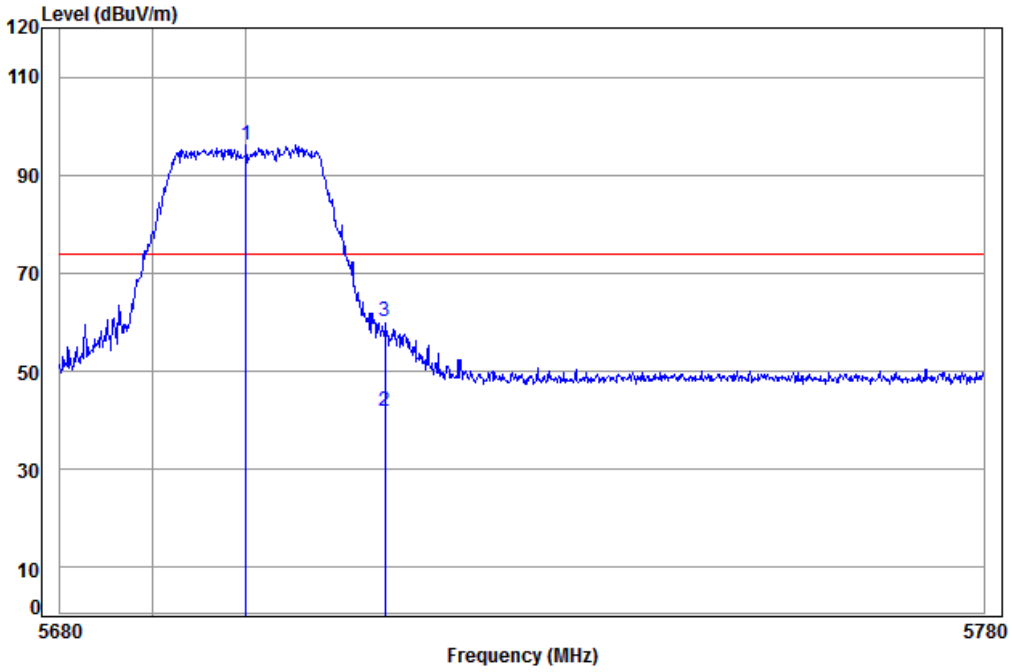
Test mode:	802.11a	Frequency(MHz):	5700	Vertical



Condition: 3m Vertical
Job No: : 6309RG
Mode: : 5700 Band edge
: A20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	pp 5703.940	8.46	34.53	39.03	101.36	105.32	74.00	31.32	Peak
2	av 5715.000	8.47	34.53	39.03	46.78	50.75	54.00	-3.25	Average
3	5715.000	8.47	34.53	39.03	65.76	69.73	74.00	-4.27	Peak

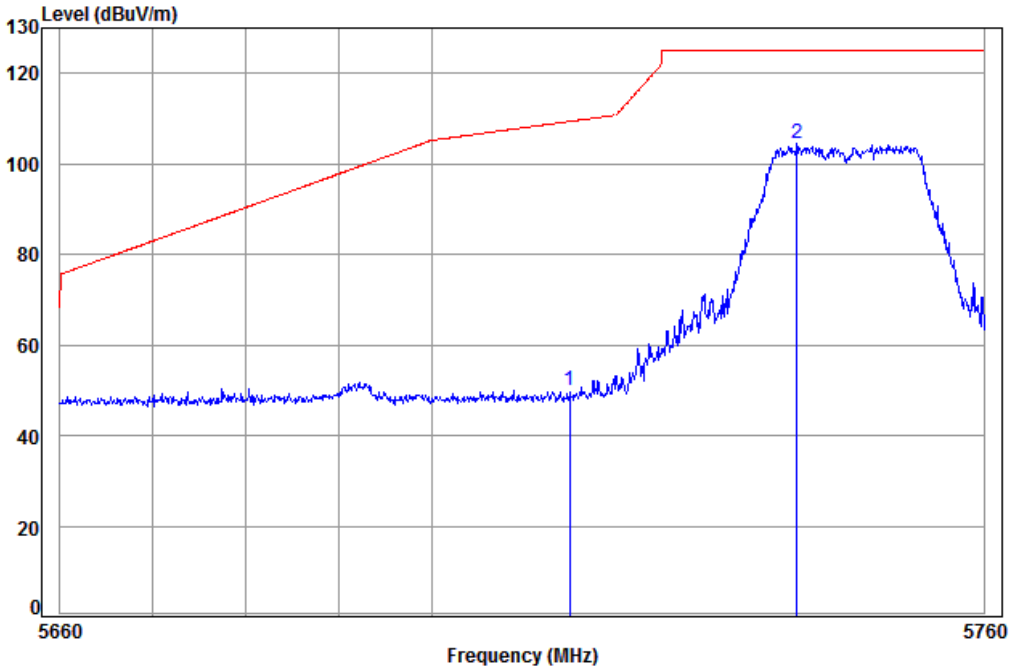
Test mode:	802.11a	Frequency(MHz):	5700	Horizontal



Condition: 3m Horizontal
Job No: : 6309RG
Mode: : 5700 Band edge
: A20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	pp 5699.960	8.46	34.52	39.03	92.20	96.15	74.00	22.15	Peak
2	av 5715.000	8.47	34.53	39.03	37.91	41.88	54.00	-12.12	Average
3	5715.000	8.47	34.53	39.03	56.07	60.04	74.00	-13.96	Peak

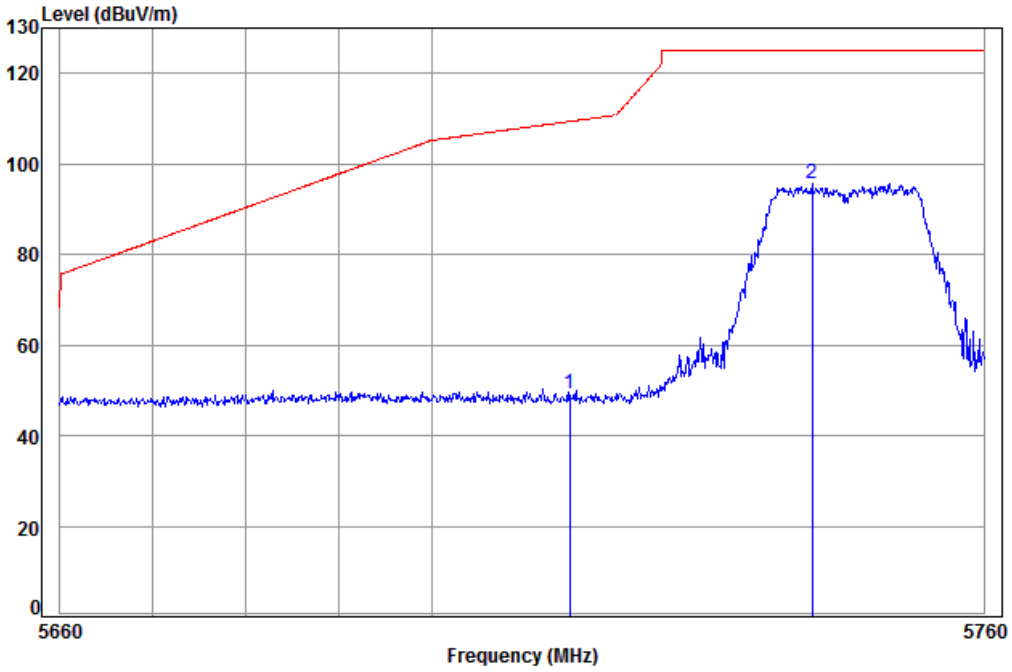
Test mode:	802.11a	Frequency(MHz):	5745	Vertical



Condition: 3m Vertical
Job No: : 6309RG
Mode: : 5745 Band edge
: A20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5715.000	8.47	34.53	39.03	45.93	49.90	109.40	-59.50	Peak
2 pp	5739.659	8.50	34.55	39.02	100.41	104.44	125.20	-20.76	Peak

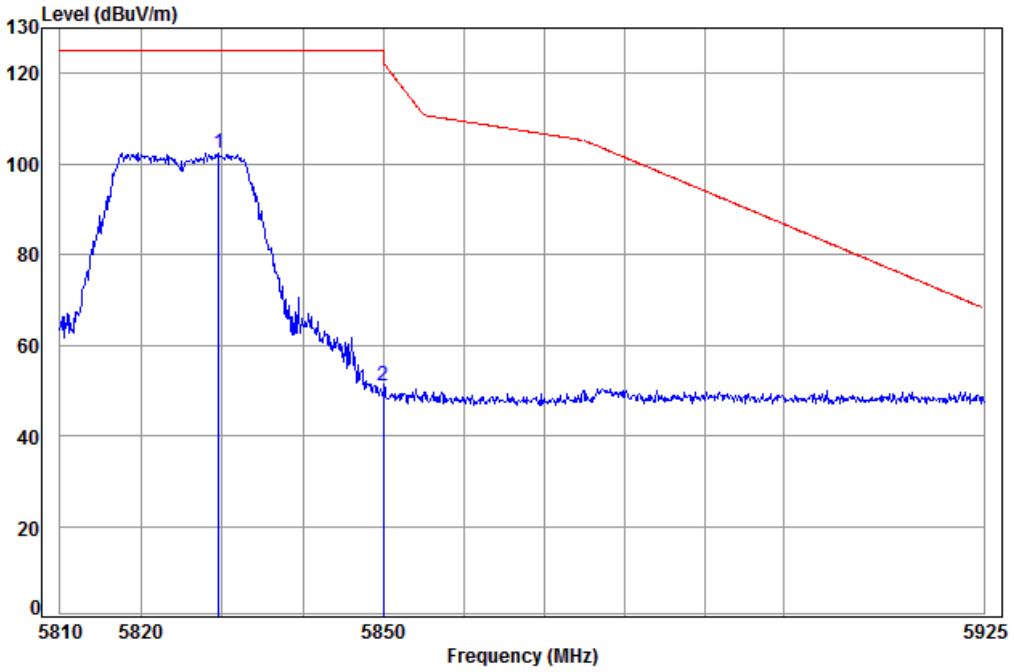
Test mode:	802.11a	Frequency(MHz):	5745	Horizontal



Condition: 3m Horizontal
Job No: : 6309RG
Mode: : 5745 Band edge
: A20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5715.000	8.47	34.53	39.03	45.36	49.33	109.40	-60.07	Peak
2 pp	5741.267	8.50	34.55	39.02	91.51	95.54	125.20	-29.66	Peak

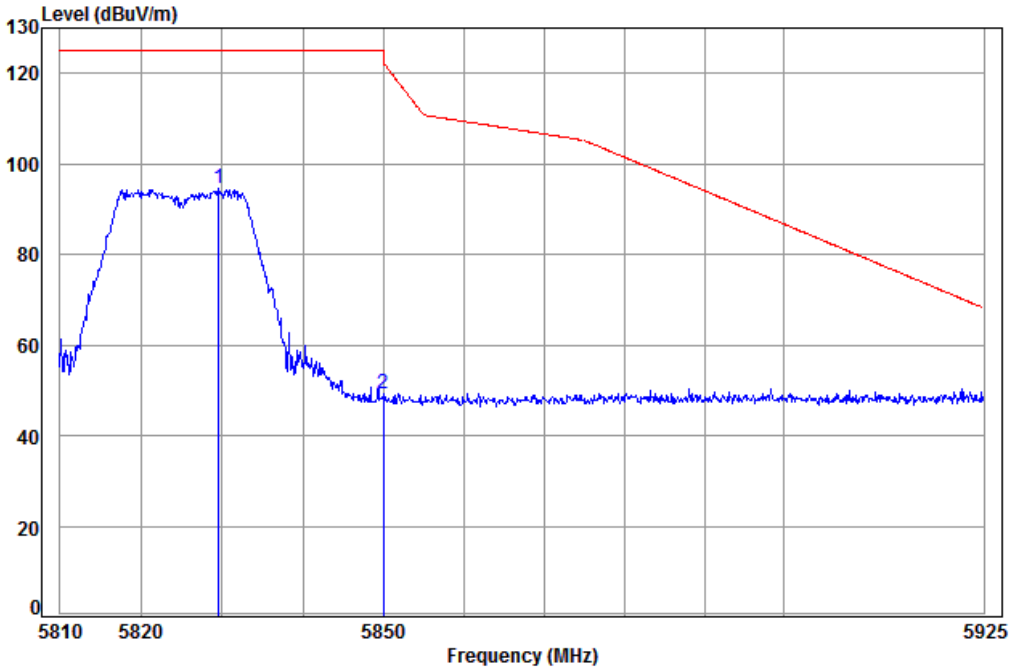
Test mode:	802.11a	Frequency(MHz):	5825	Vertical



Condition: 3m Vertical
Job No: : 6309CR
Mode: : 5825 Band edge
: A20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5829.620	8.58	34.60	39.02	98.34	102.50	125.20	-22.70	Peak
2	5850.000	8.60	34.61	39.01	46.80	51.00	122.20	-71.20	Peak

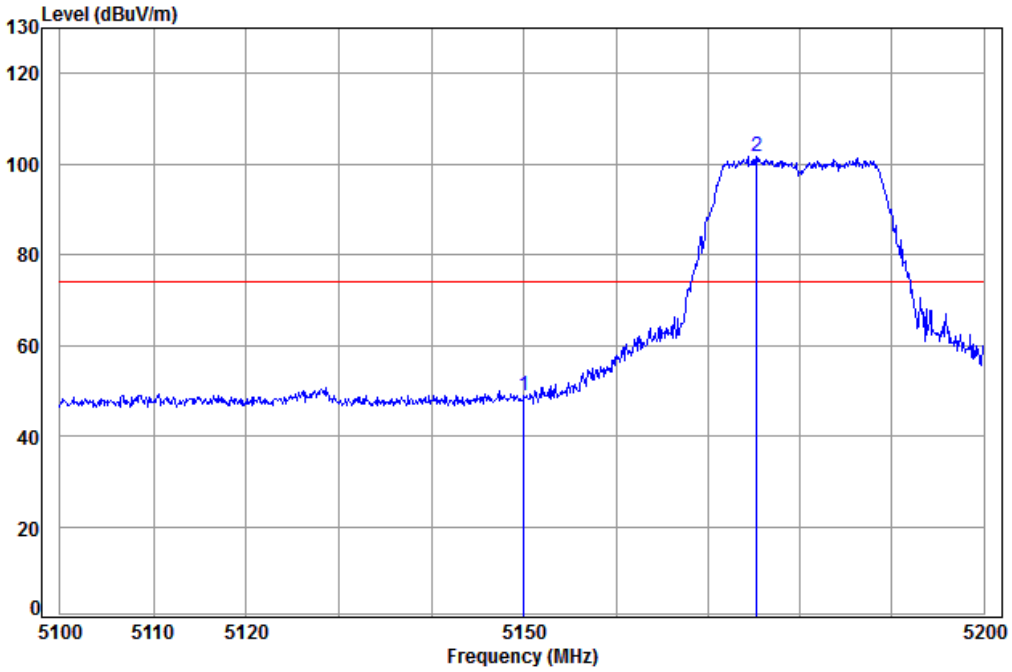
Test mode:	802.11a	Frequency(MHz):	5825	Horizontal



Condition: 3m Horizontal
Job No: : 6309CR
Mode: : 5825 Band edge
: A20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5829.620	8.58	34.60	39.02	90.43	94.59	125.20	-30.61	Peak
2	5850.000	8.60	34.61	39.01	45.07	49.27	122.20	-72.93	Peak

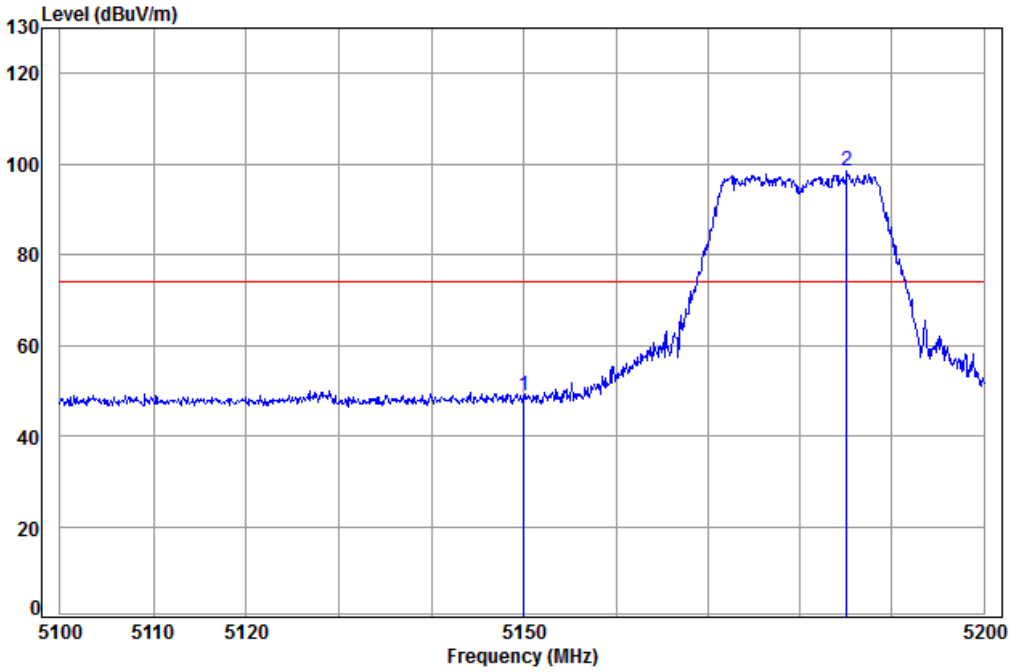
Test mode:	802.11n(HT20)	Frequency(MHz):	5180	Vertical



Condition: 3m Vertical
Job No: : 6309RG
Mode: : 5180 Band edge
: N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5150.000	8.08	34.47	39.08	45.51	48.98	74.00	-25.02	Peak
2 pp	5175.220	8.09	34.46	39.08	98.26	101.73	74.00	27.73	Peak

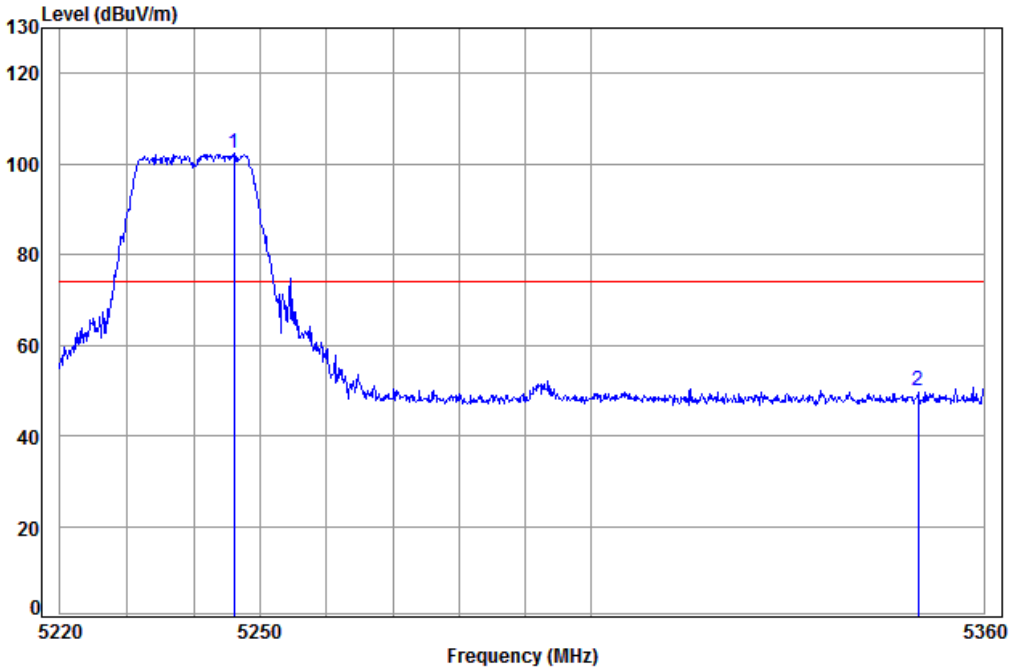
Test mode:	802.11n(HT20)	Frequency(MHz):	5180	Horizontal



Condition: 3m Horizontal
Job No: : 6309RG
Mode: : 5180 Band edge
: N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5150.000	8.08	34.47	39.08	45.47	48.94	74.00	-25.06	Peak
2 pp	5185.077	8.10	34.46	39.08	95.07	98.55	74.00	24.55	Peak

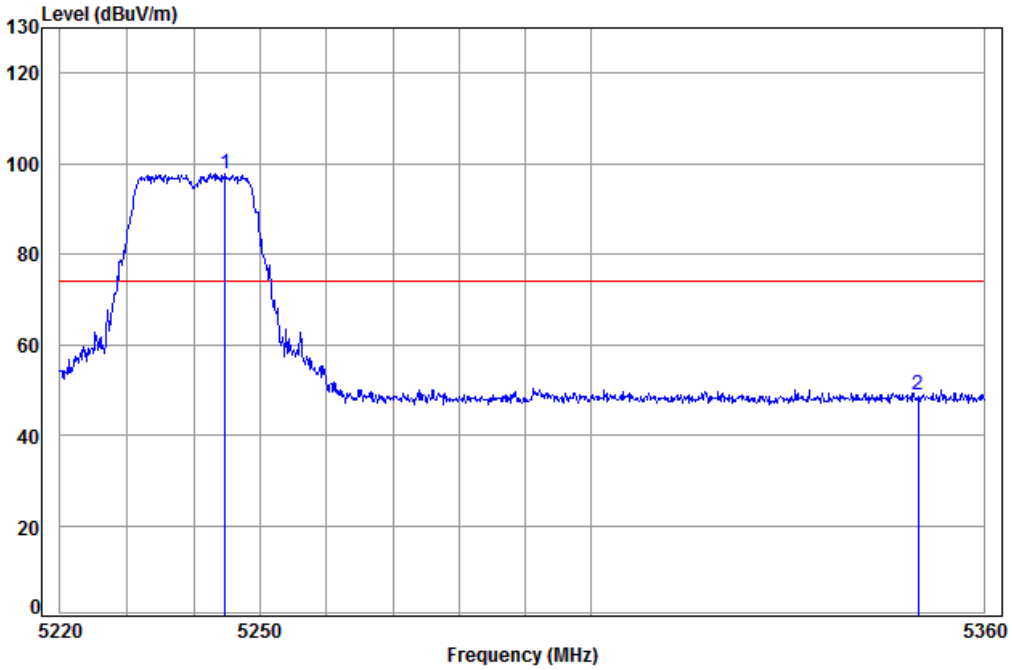
Test mode:	802.11n(HT20)	Frequency(MHz):	5240	Vertical



Condition: 3m Vertical
Job No: : 6309RG
Mode: : 5240 Band edge
: N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5246.038	8.13	34.45	39.07	98.83	102.34	74.00	28.34	Peak
2	5350.000	8.18	34.43	39.06	46.31	49.86	74.00	-24.14	Peak

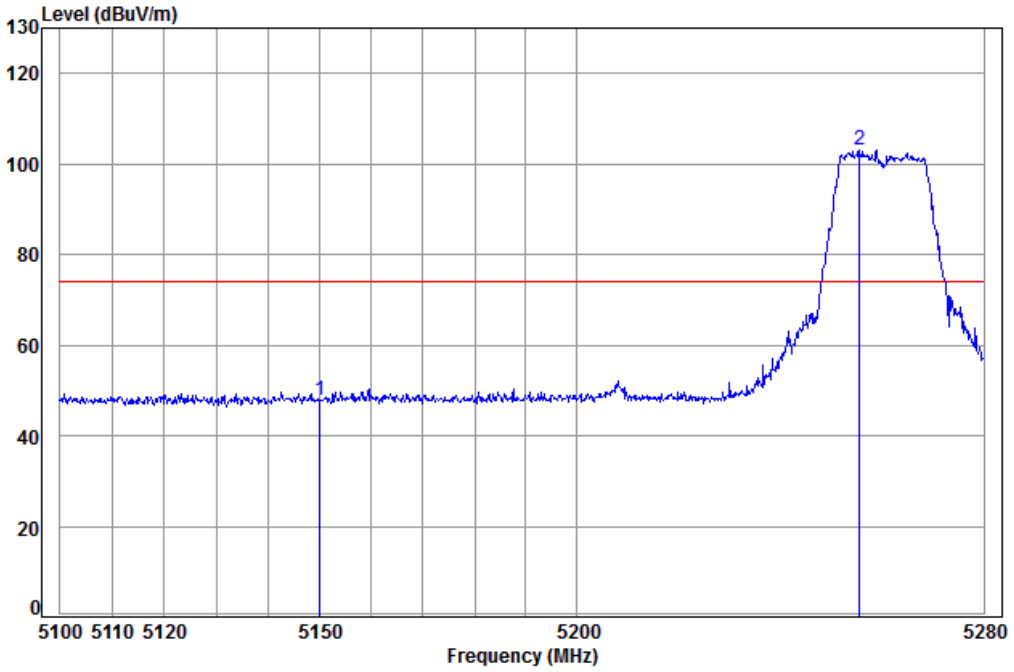
Test mode:	802.11n(HT20)	Frequency(MHz):	5240	Horizontal



Condition: 3m Horizontal
Job No: : 6309RG
Mode: : 5240 Band edge
: N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5244.789	8.13	34.45	39.07	94.42	97.93	74.00	23.93	Peak
2	5350.000	8.18	34.43	39.06	45.17	48.72	74.00	-25.28	Peak

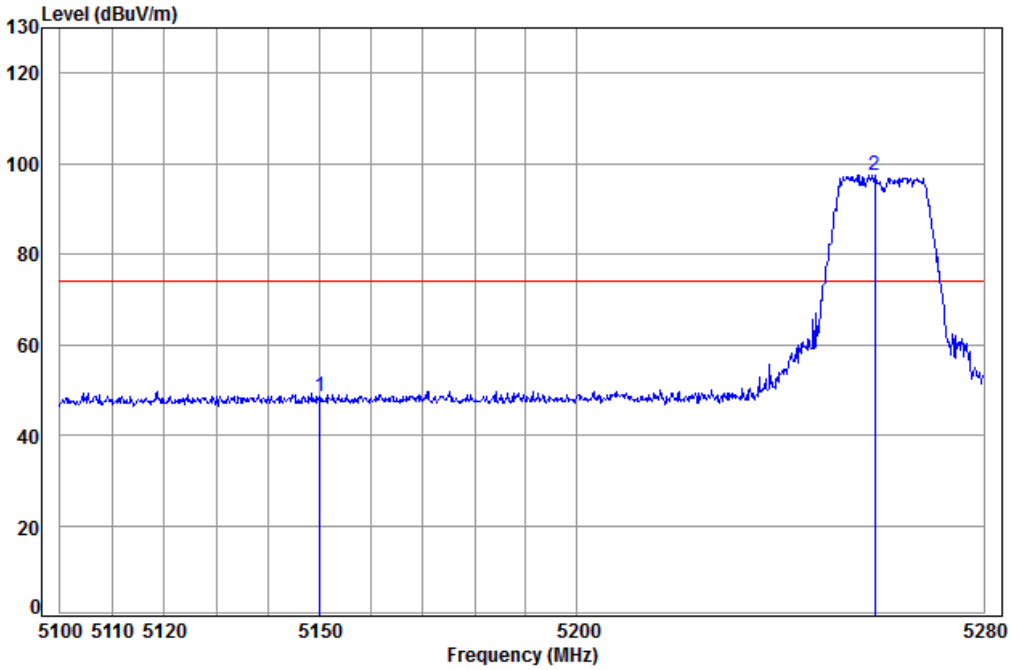
Test mode:	802.11n(HT20)	Frequency(MHz):	5260	Vertical



Condition: 3m Vertical
Job No: : 6309CR
Mode: : 5260 Band edge
: N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5150.000	8.08	34.47	39.08	44.28	47.75	74.00	-26.25	Peak
2 pp	5255.516	8.13	34.45	39.07	99.64	103.15	74.00	29.15	Peak

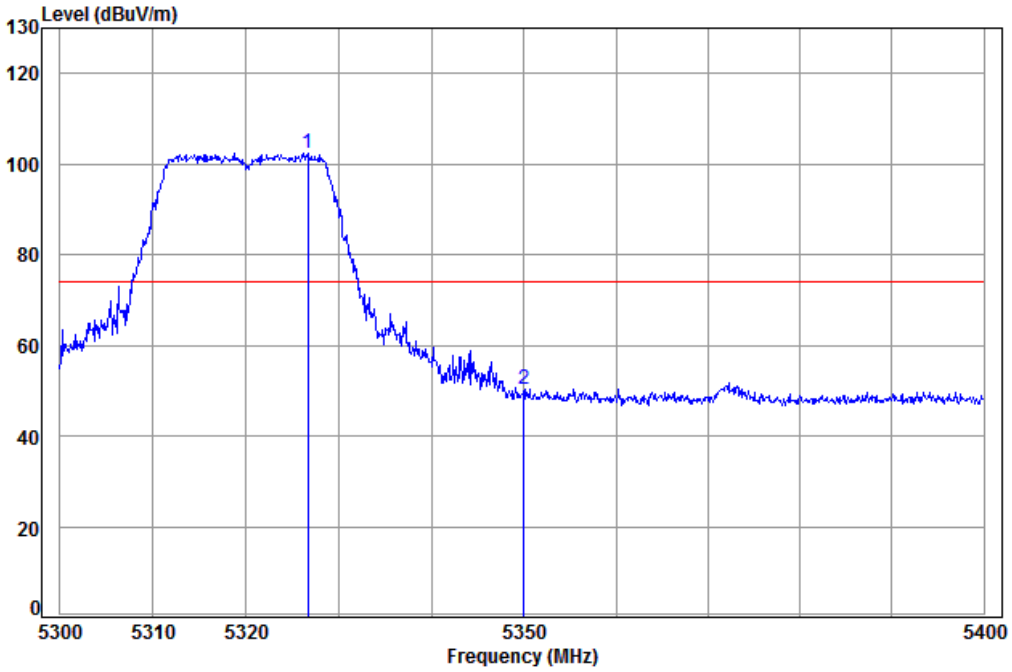
Test mode:	802.11n(HT20)	Frequency(MHz):	5260	Horizontal



Condition: 3m Horizontal
Job No: : 6309CR
Mode: : 5260 Band edge
: N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5150.000	8.08	34.47	39.08	45.18	48.65	74.00	-25.35	Peak
2 pp	5258.434	8.13	34.45	39.07	93.97	97.48	74.00	23.48	Peak

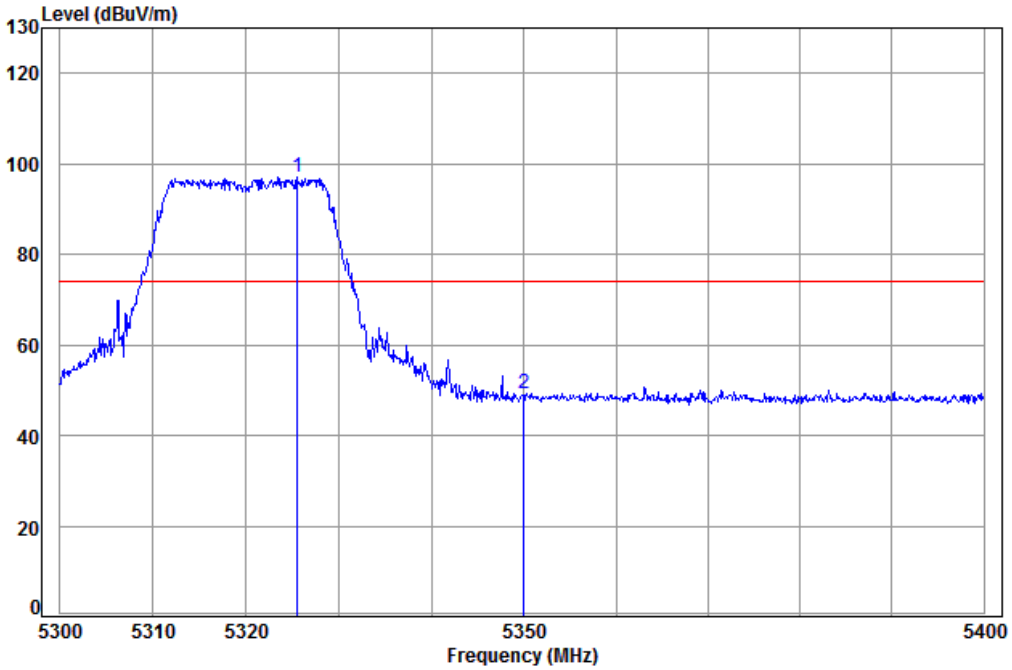
Test mode:	802.11n(HT20)	Frequency(MHz):	5320	Vertical



Condition: 3m Vertical
Job No: : 6309CR
Mode: : 5320 Band edge
: N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5326.617	8.17	34.43	39.07	98.74	102.27	74.00	28.27	Peak
2	5350.000	8.18	34.43	39.06	46.62	50.17	74.00	-23.83	Peak

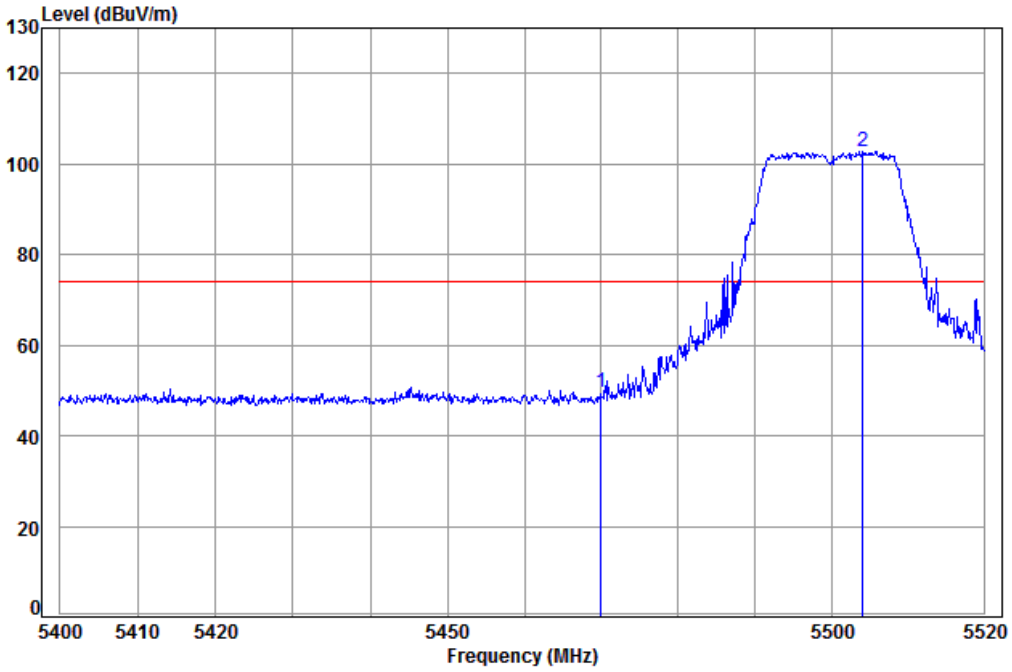
Test mode:	802.11n(HT20)	Frequency(MHz):	5320	Horizontal



Condition: 3m Horizontal
Job No: : 6309CR
Mode: : 5320 Band edge
: N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5325.522	8.17	34.43	39.07	93.52	97.05	74.00	23.05	Peak
2	5350.000	8.18	34.43	39.06	45.73	49.28	74.00	-24.72	Peak

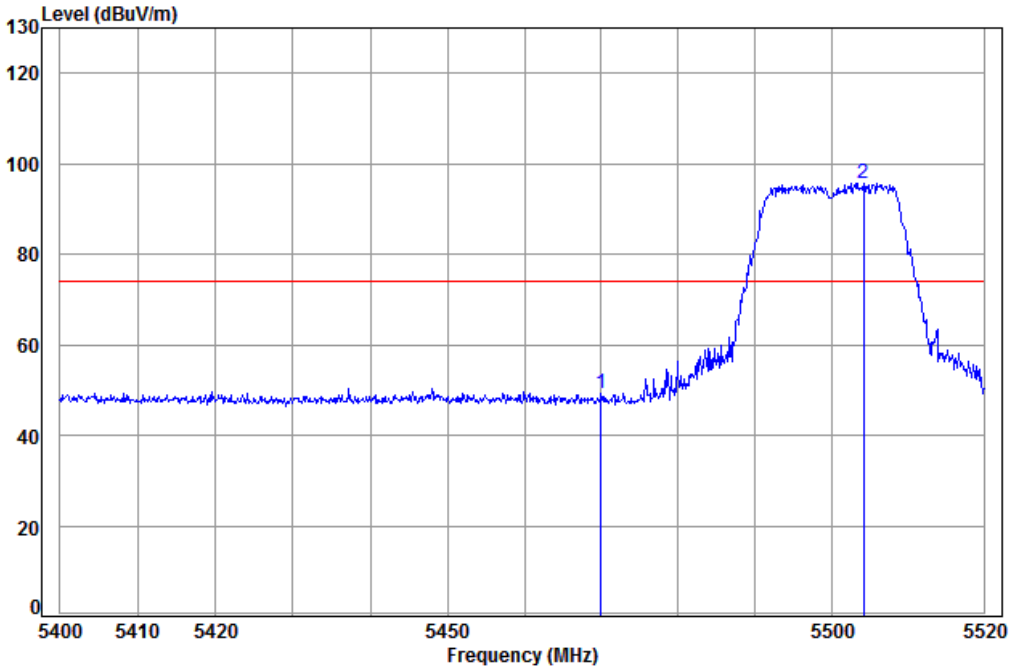
Test mode:	802.11n(HT20)	Frequency(MHz):	5500	Vertical



Condition: 3m Vertical
Job No: : 6309CR
Mode: : 5500 Band edge
: N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5470.000	8.24	34.41	39.05	46.10	49.70	74.00	-24.30	Peak
2 pp	5504.129	8.25	34.40	39.05	99.20	102.80	74.00	28.80	Peak

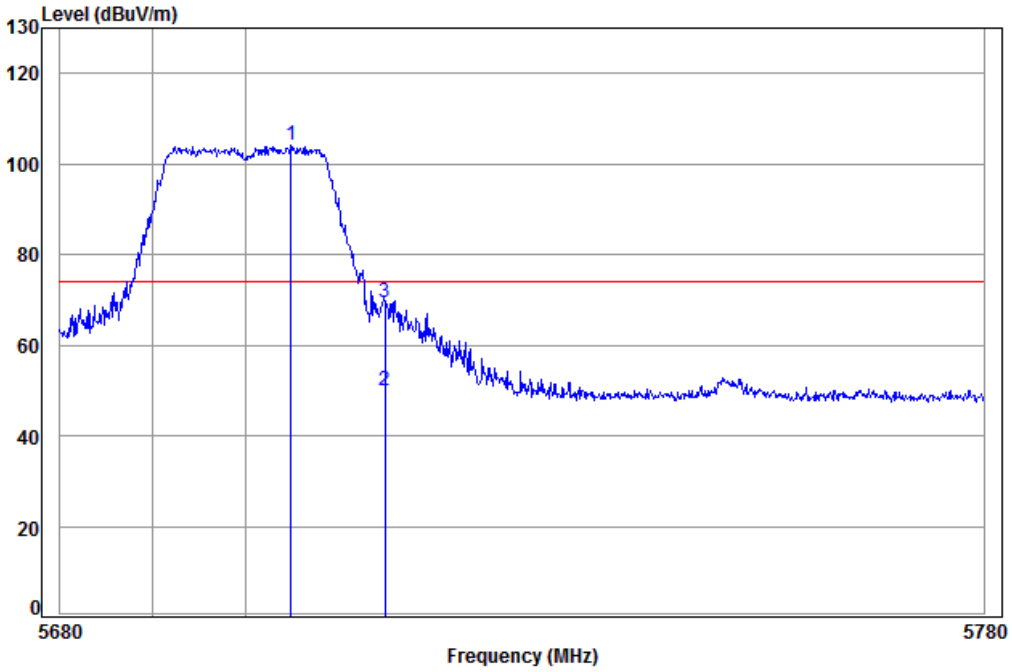
Test mode:	802.11n(HT20)	Frequency(MHz):	5500	Horizontal



Condition: 3m Horizontal
Job No: : 6309CR
Mode: : 5500 Band edge
: N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5470.000	8.24	34.41	39.05	45.64	49.24	74.00	-24.76	Peak
2 pp	5504.250	8.25	34.40	39.05	92.03	95.63	74.00	21.63	Peak

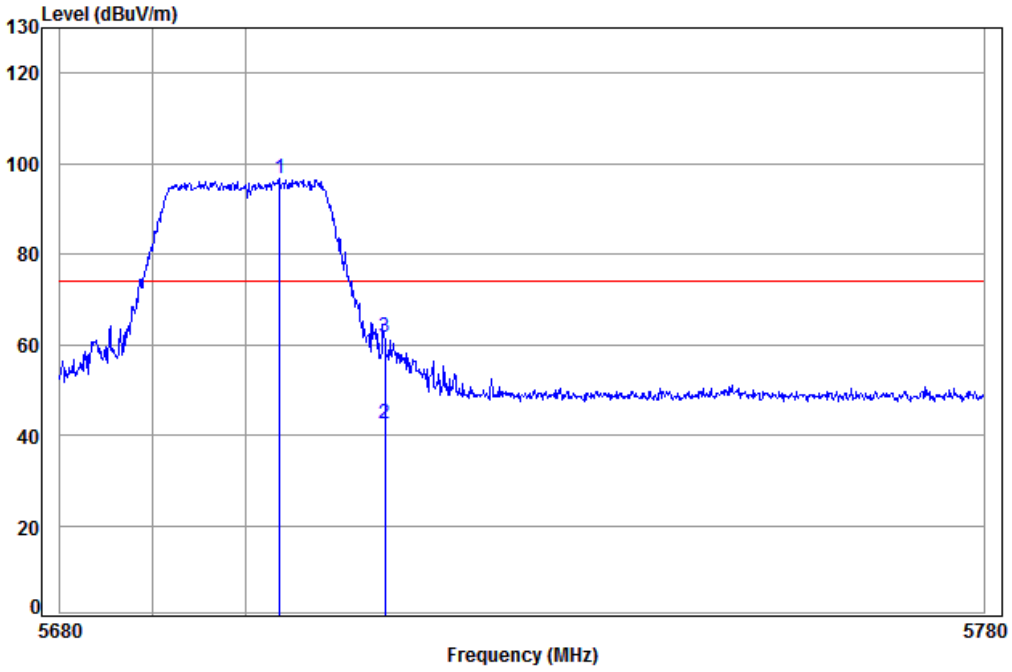
Test mode:	802.11n(HT20)	Frequency(MHz):	5700	Vertical



Condition: 3m Vertical
Job No: : 6309CR
Mode: : 5700 Band edge
: N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	pp 5704.836	8.46	34.53	39.03	100.03	103.99	74.00	29.99	Peak
2	av 5715.000	8.47	34.53	39.03	46.11	50.08	54.00	-3.92	Average
3	5715.000	8.47	34.53	39.03	65.29	69.26	74.00	-4.74	Peak

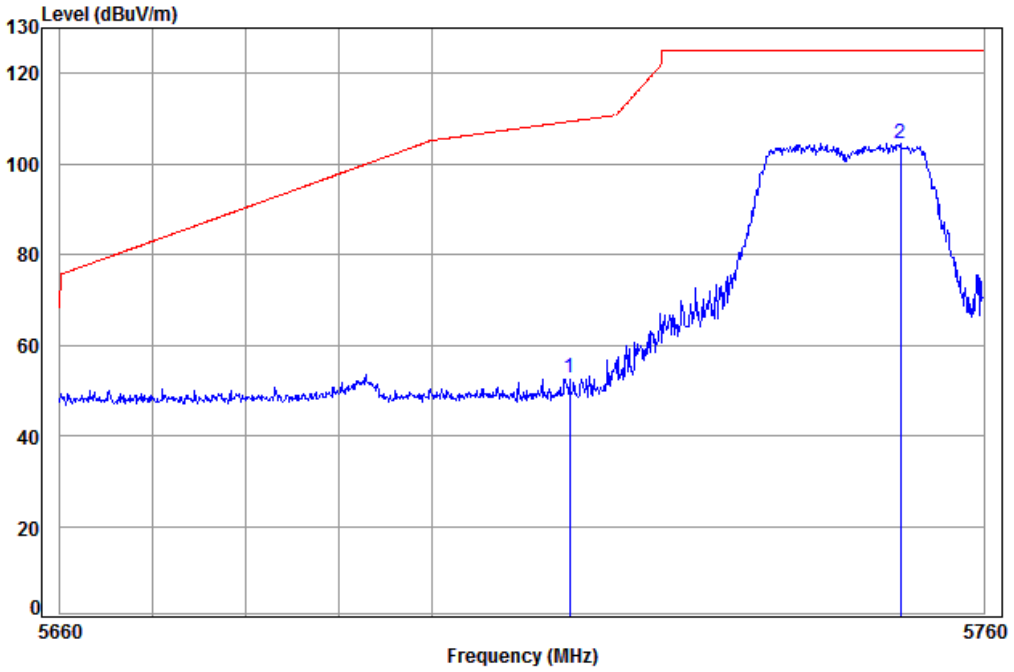
Test mode:	802.11n(HT20)	Frequency(MHz):	5700	Horizontal



Condition: 3m Horizontal
Job No: : 6309CR
Mode: : 5700 Band edge
: N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	pp 5703.642	8.46	34.53	39.03	92.72	96.68	74.00	22.68	Peak
2	av 5715.000	8.47	34.53	39.03	38.41	42.38	54.00	-11.62	Average
3	5715.000	8.47	34.53	39.03	57.50	61.47	74.00	-12.53	Peak

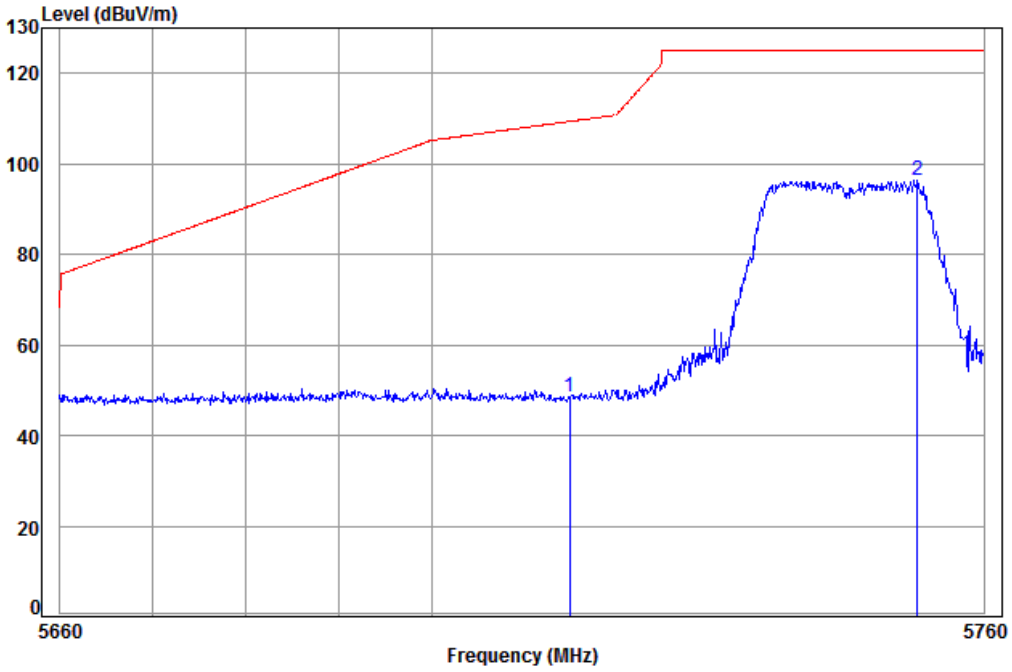
Test mode:	802.11n(HT20)	Frequency(MHz):	5745	Vertical



Condition: 3m Vertical
Job No: : 6309CR
Mode: : 5745 Band edge
: N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5715.000	8.47	34.53	39.03	48.68	52.65	109.40	-56.75	Peak
2 pp	5750.928	8.51	34.55	39.02	100.42	104.46	125.20	-20.74	Peak

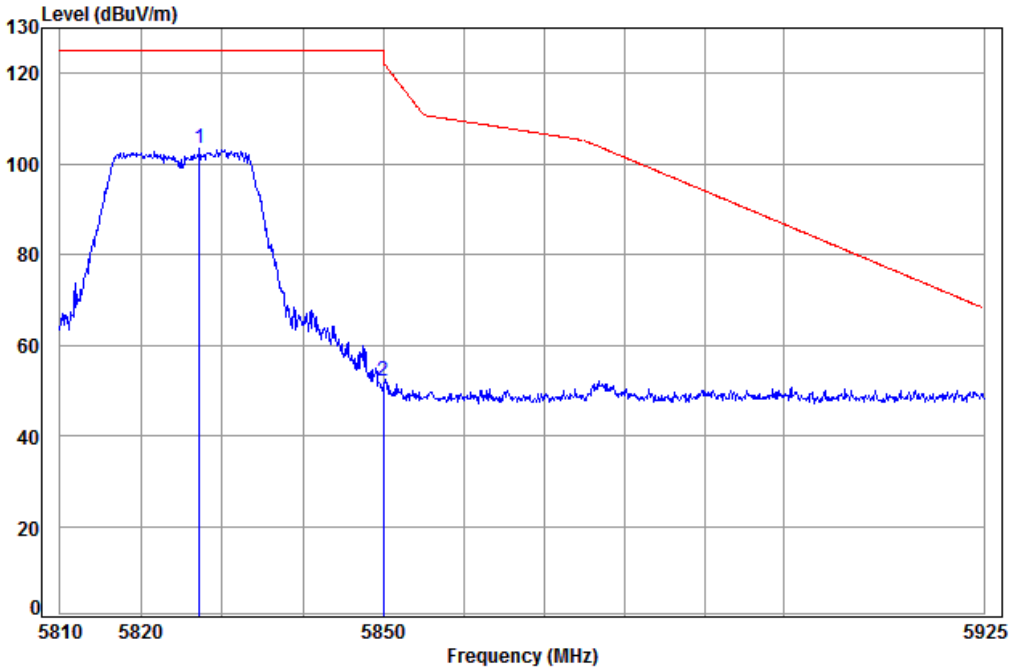
Test mode:	802.11n(HT20)	Frequency(MHz):	5745	Horizontal



Condition: 3m Horizontal
Job No: : 6309CR
Mode: : 5745 Band edge
: N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5715.000	8.47	34.53	39.03	44.38	48.35	109.40	-61.05	Peak
2 pp	5752.741	8.51	34.55	39.02	92.24	96.28	125.20	-28.92	Peak

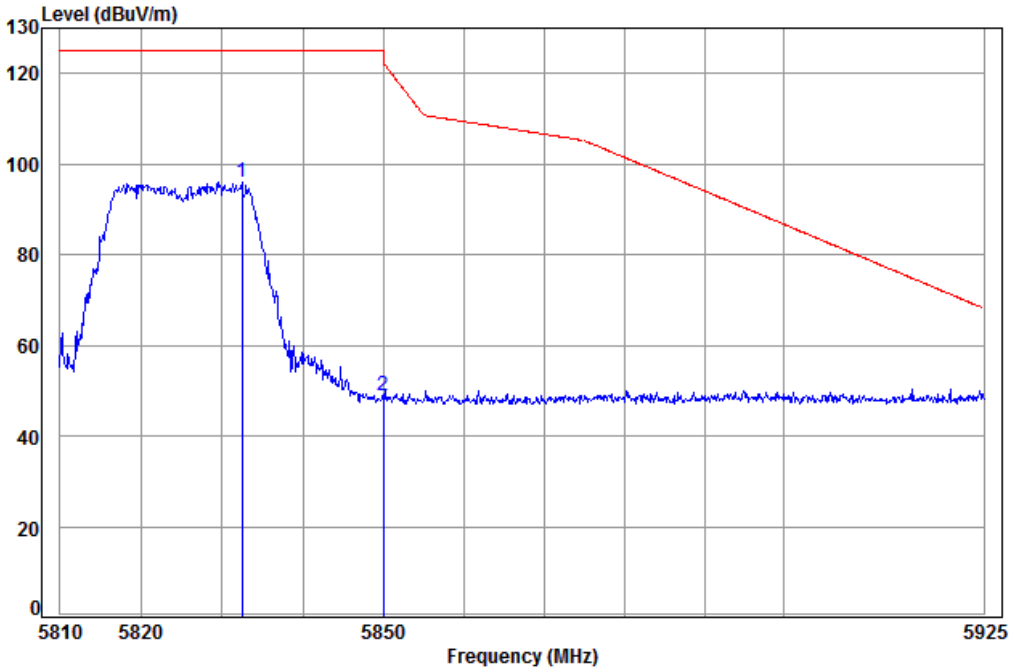
Test mode:	802.11n(HT20)	Frequency(MHz):	5825	Vertical



Condition: 3m Vertical
Job No: : 6309CR
Mode: : 5825 Band edge
: N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5827.221	8.58	34.60	39.02	99.16	103.32	125.20	-21.88	Peak
2	5850.000	8.60	34.61	39.01	47.83	52.03	122.20	-70.17	Peak

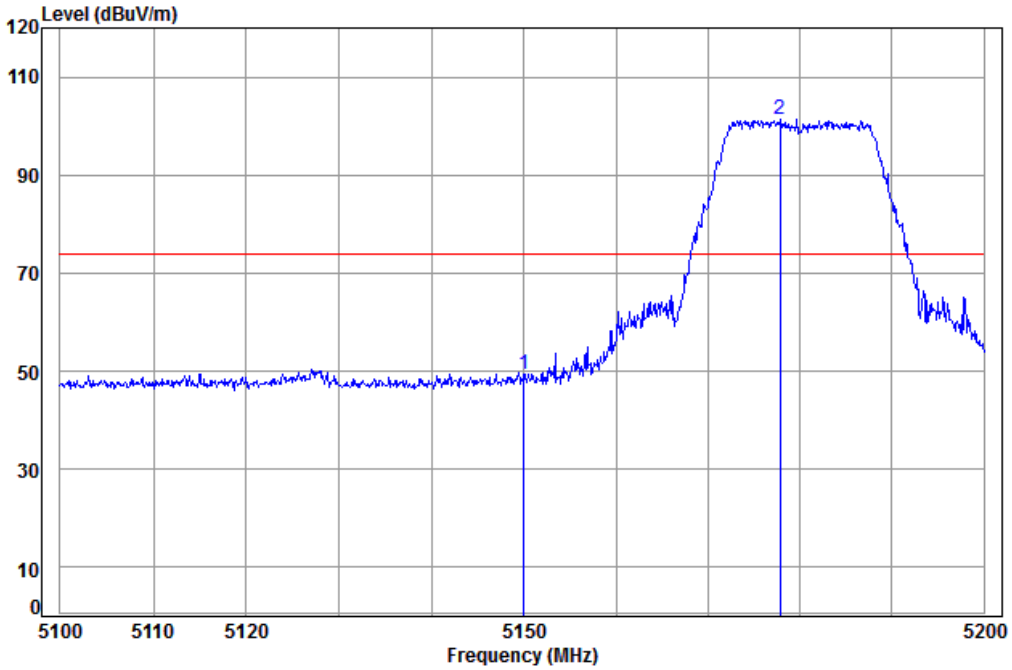
Test mode:	802.11n(HT20)	Frequency(MHz):	5825	Horizontal



Condition: 3m Horizontal
Job No: : 6309CR
Mode: : 5825 Band edge
: N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5832.477	8.59	34.60	39.02	91.82	95.99	125.20	-29.21	Peak
2	5850.000	8.60	34.61	39.01	44.84	49.04	122.20	-73.16	Peak

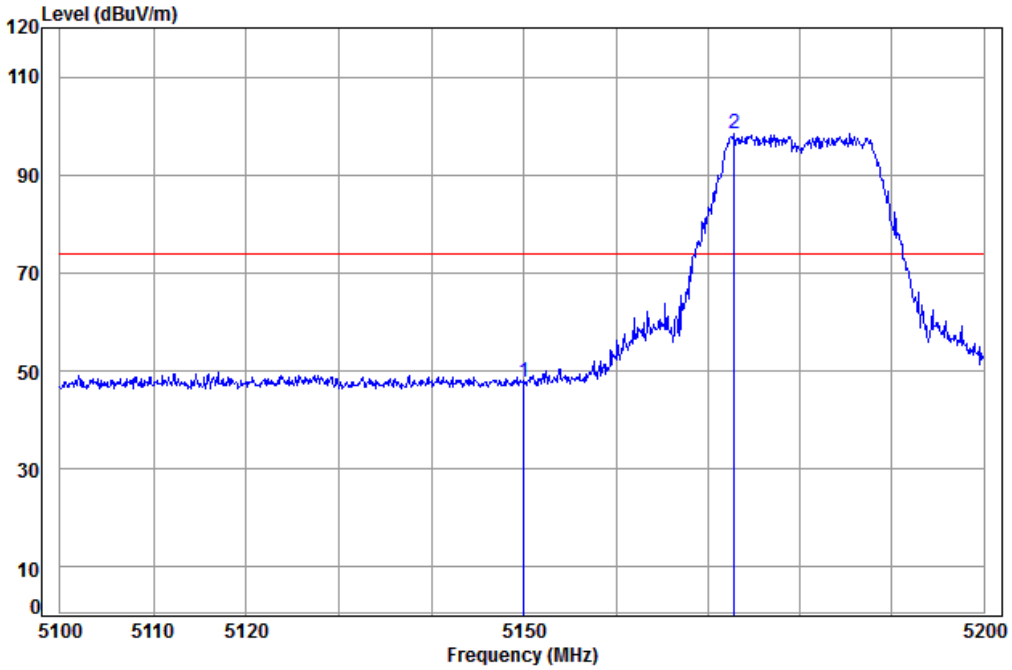
Test mode:	802.11ac(HT20)	Frequency(MHz):	5180	Vertical



Condition: 3m Vertical
Job No: : 6309RG
Mode: : 5180 Band edge
: A20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5150.000	8.08	34.47	39.08	45.97	49.44	74.00	-24.56	Peak
2 pp	5177.833	8.09	34.46	39.08	97.83	101.30	74.00	27.30	Peak

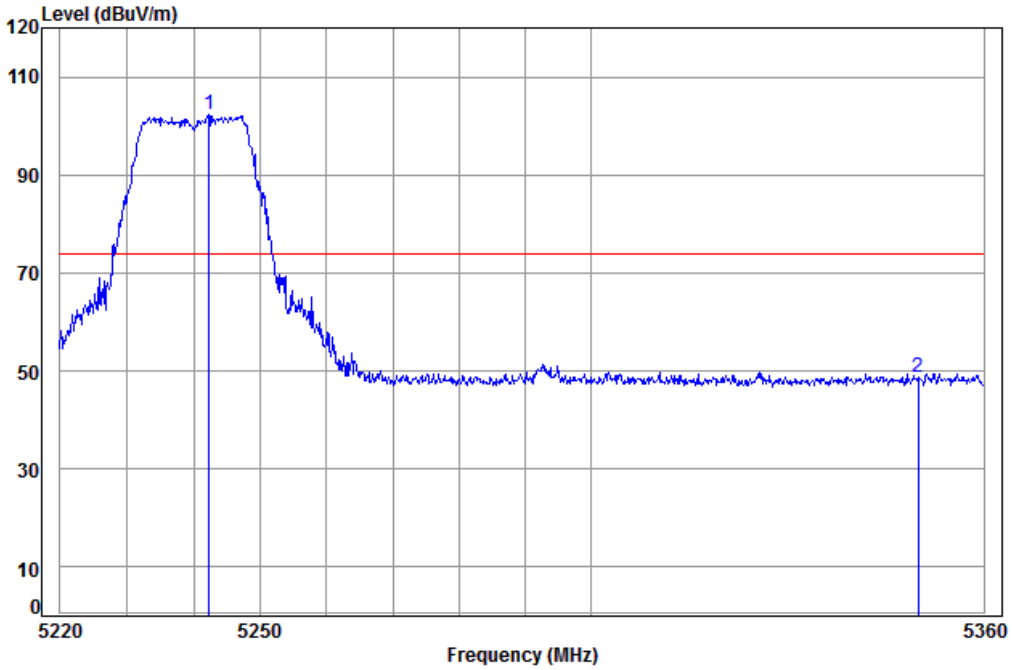
Test mode:	802.11ac(HT20)	Frequency(MHz):	5180	Horizontal



Condition: 3m Horizontal
Job No: : 6309RG
Mode: : 5180 Band edge
: A20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5150.000	8.08	34.47	39.08	44.16	47.63	74.00	-26.37	Peak
2 pp	5172.809	8.09	34.46	39.08	95.11	98.58	74.00	24.58	Peak

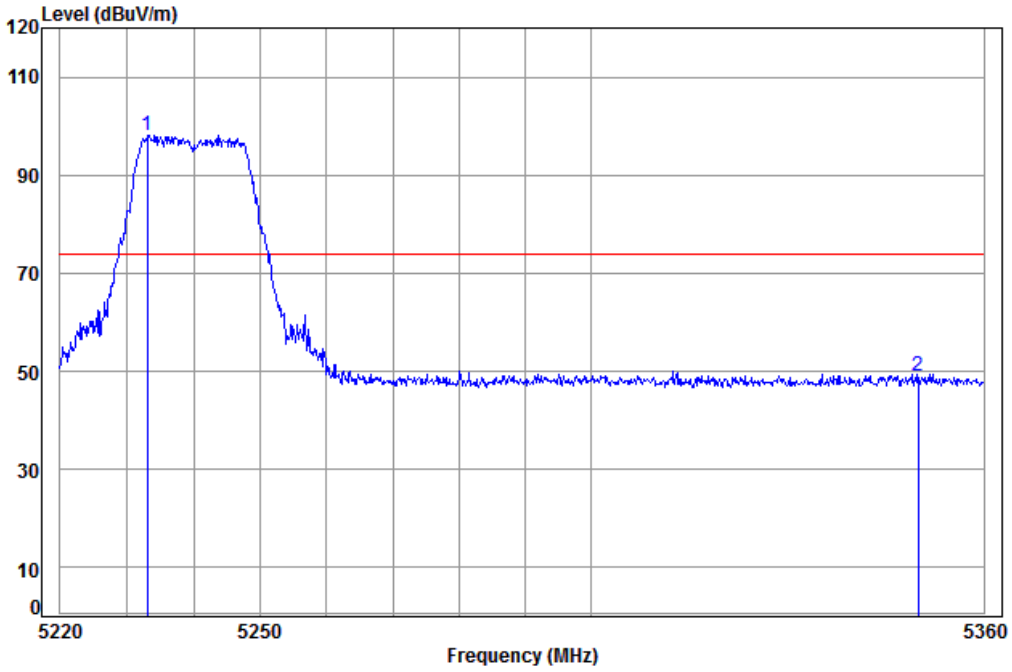
Test mode:	802.11ac(HT20)	Frequency(MHz):	5240	Vertical



Condition: 3m Vertical
Job No: : 6309RG
Mode: : 5240 Band edge
: A20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5242.291	8.12	34.45	39.07	98.83	102.33	74.00	28.33	Peak
2	5350.000	8.18	34.43	39.06	45.03	48.58	74.00	-25.42	Peak

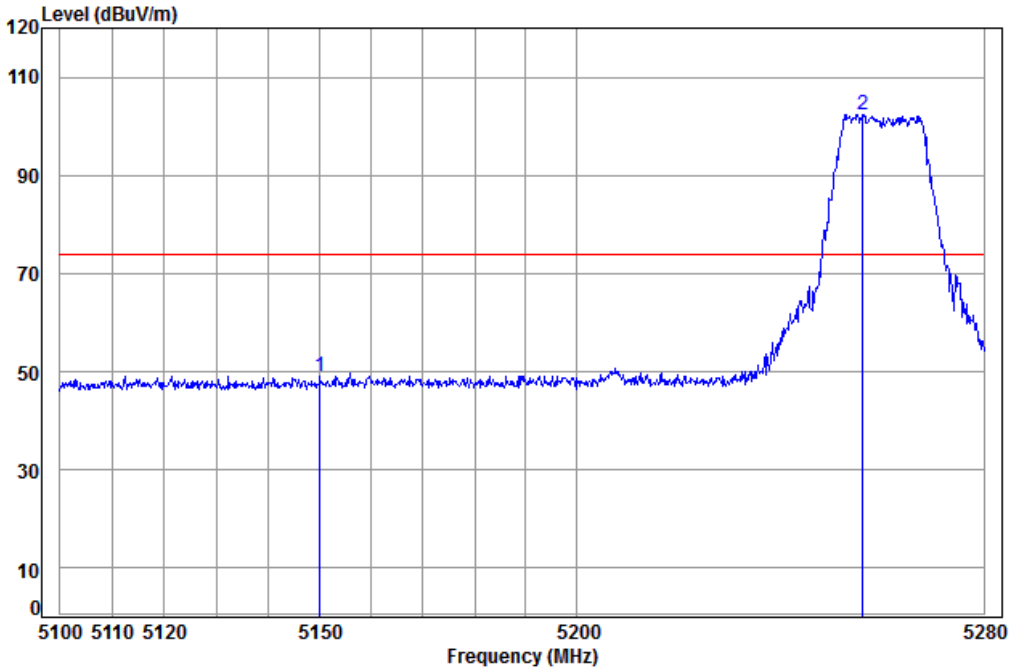
Test mode:	802.11ac(HT20)	Frequency(MHz):	5240	Horizontal



Condition: 3m Horizontal
Job No: : 6309RG
Mode: : 5240 Band edge
: A20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5233.003	8.12	34.45	39.08	94.68	98.17	74.00	24.17	Peak
2	5350.000	8.18	34.43	39.06	45.65	49.20	74.00	-24.80	Peak

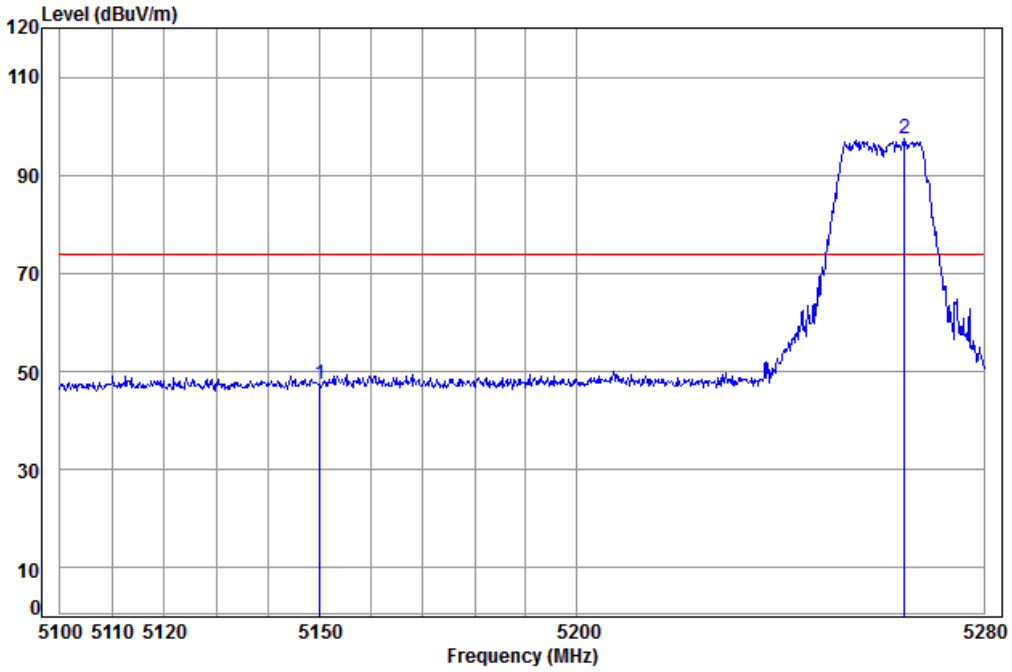
Test mode:	802.11ac(HT20)	Frequency(MHz):	5260	Vertical



Condition: 3m Vertical
Job No: : 6309RG
Mode: : 5260 Band edge
: A20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5150.000	8.08	34.47	39.08	45.52	48.99	74.00	-25.01	Peak
2 pp	5256.063	8.13	34.45	39.07	98.93	102.44	74.00	28.44	Peak

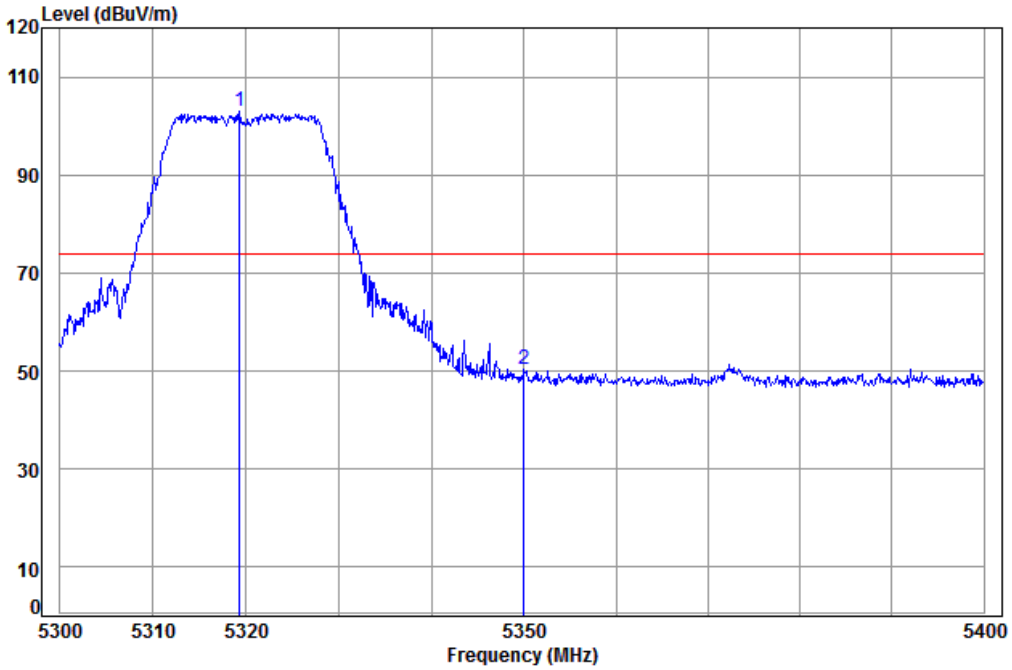
Test mode:	802.11ac(HT20)	Frequency(MHz):	5260	Horizontal



Condition: 3m Horizontal
Job No: : 6309RG
Mode: : 5260 Band edge
: A20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5150.000	8.08	34.47	39.08	43.79	47.26	74.00	-26.74	Peak
2 pp	5264.273	8.14	34.45	39.07	93.92	97.44	74.00	23.44	Peak

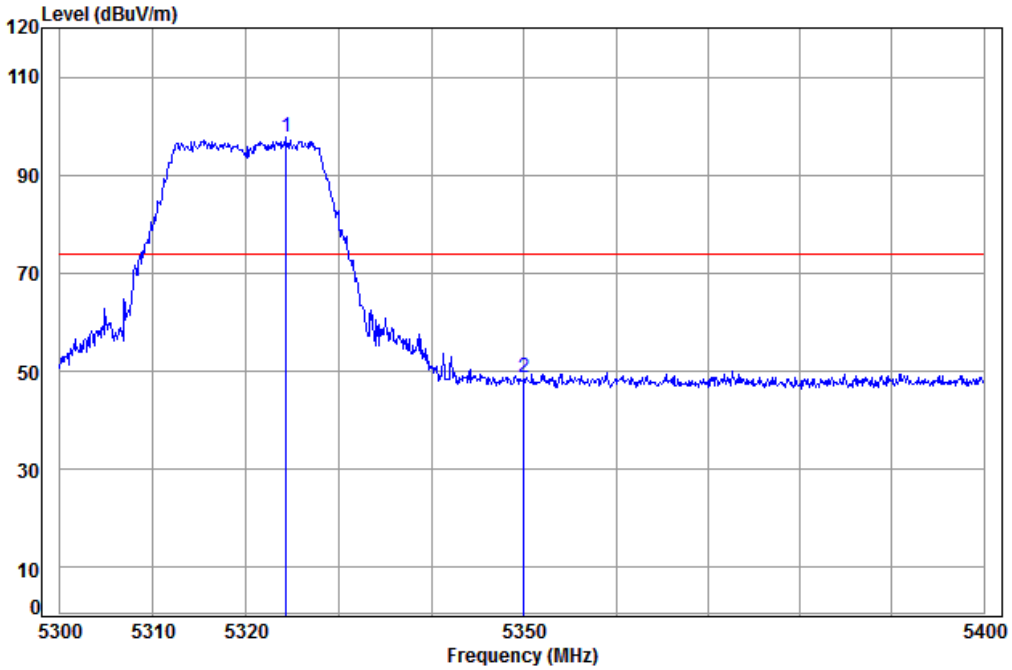
Test mode:	802.11ac(HT20)	Frequency(MHz):	5320	Vertical



Condition: 3m Vertical
Job No: : 6309RG
Mode: : 5320 Band edge
: A20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5319.254	8.16	34.44	39.07	99.45	102.98	74.00	28.98	Peak
2	5350.000	8.18	34.43	39.06	46.82	50.37	74.00	-23.63	Peak

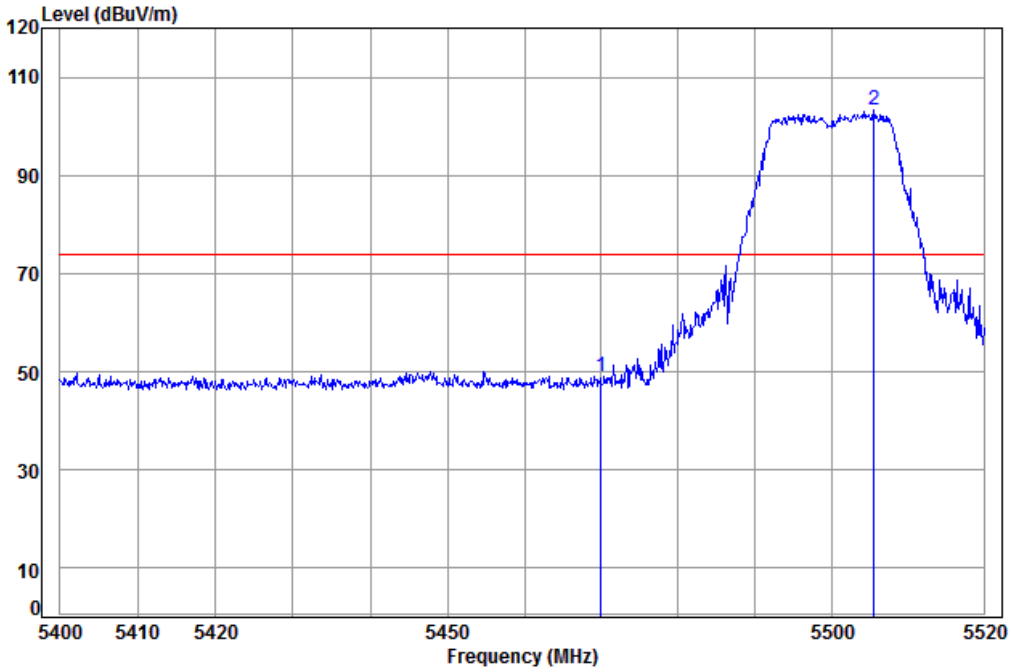
Test mode:	802.11ac(HT20)	Frequency(MHz):	5320	Horizontal



Condition: 3m Horizontal
Job No: : 6309RG
Mode: : 5320 Band edge
: A20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5324.328	8.16	34.43	39.07	94.27	97.79	74.00	23.79	Peak
2	5350.000	8.18	34.43	39.06	45.16	48.71	74.00	-25.29	Peak

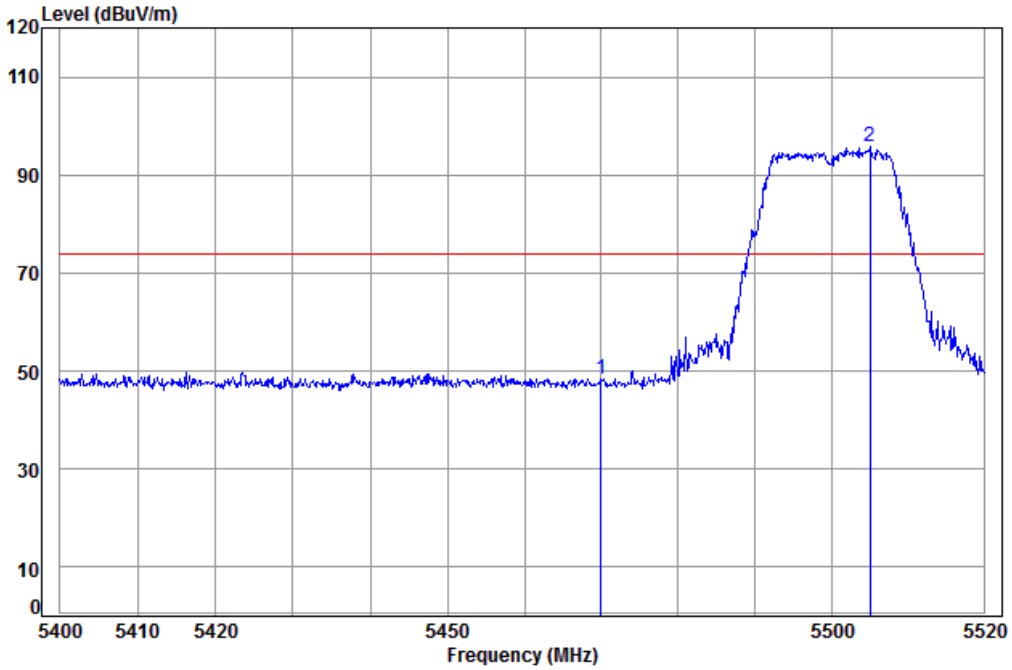
Test mode:	802.11ac(HT20)	Frequency(MHz):	5500	Vertical



Condition: 3m Vertical
Job No: : 6309RG
Mode: : 5500 Band edge
: A20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5470.000	8.24	34.41	39.05	45.43	49.03	74.00	-24.97	Peak
2 pp	5505.582	8.26	34.40	39.05	99.55	103.16	74.00	29.16	Peak

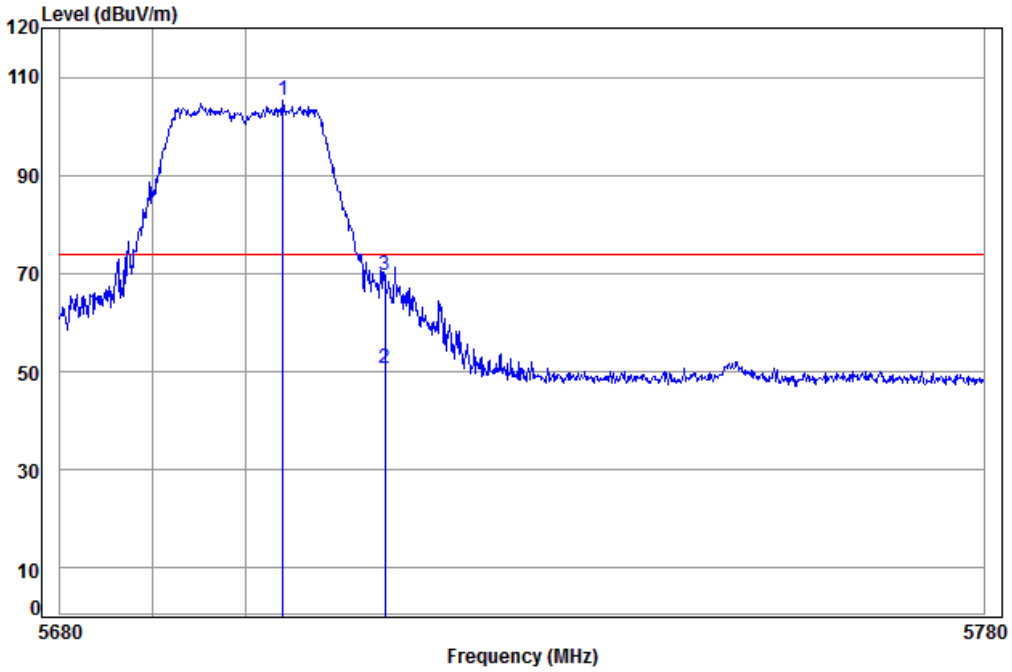
Test mode:	802.11ac(HT20)	Frequency(MHz):	5500	Horizontal



Condition: 3m Horizontal
Job No: : 6309RG
Mode: : 5500 Band edge
: A20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5470.000	8.24	34.41	39.05	44.69	48.29	74.00	-25.71	Peak
2 pp	5505.097	8.26	34.40	39.05	92.05	95.66	74.00	21.66	Peak

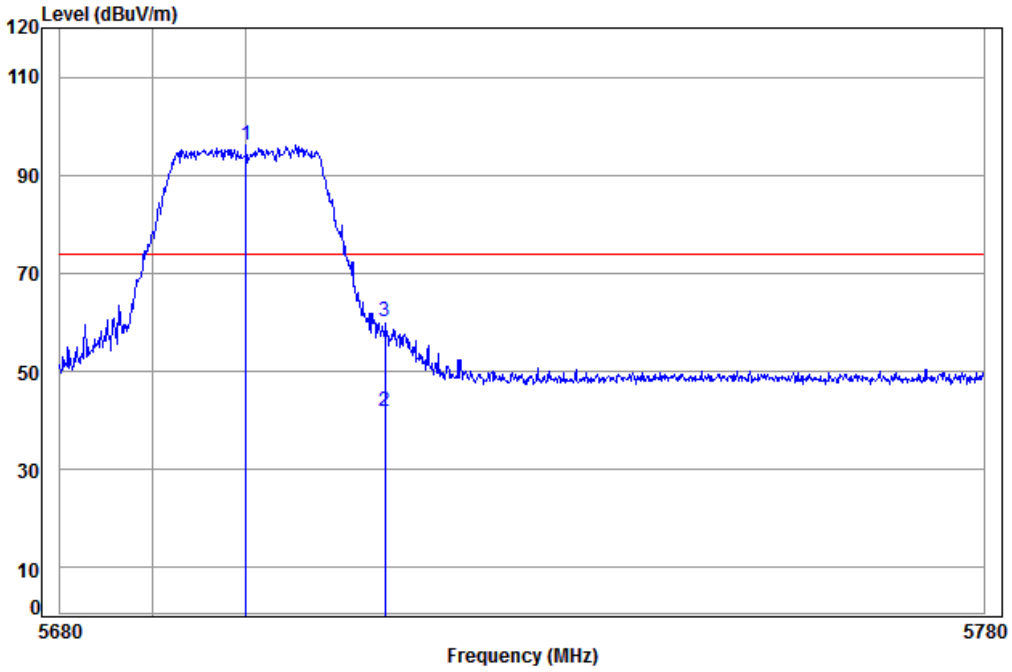
Test mode:	802.11ac(HT20)	Frequency(MHz):	5700	Vertical



Condition: 3m Vertical
Job No: : 6309RG
Mode: : 5700 Band edge
: A20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	pp 5703.940	8.46	34.53	39.03	101.36	105.32	74.00	31.32	Peak
2	av 5715.000	8.47	34.53	39.03	46.78	50.75	54.00	-3.25	Average
3	5715.000	8.47	34.53	39.03	65.76	69.73	74.00	-4.27	Peak

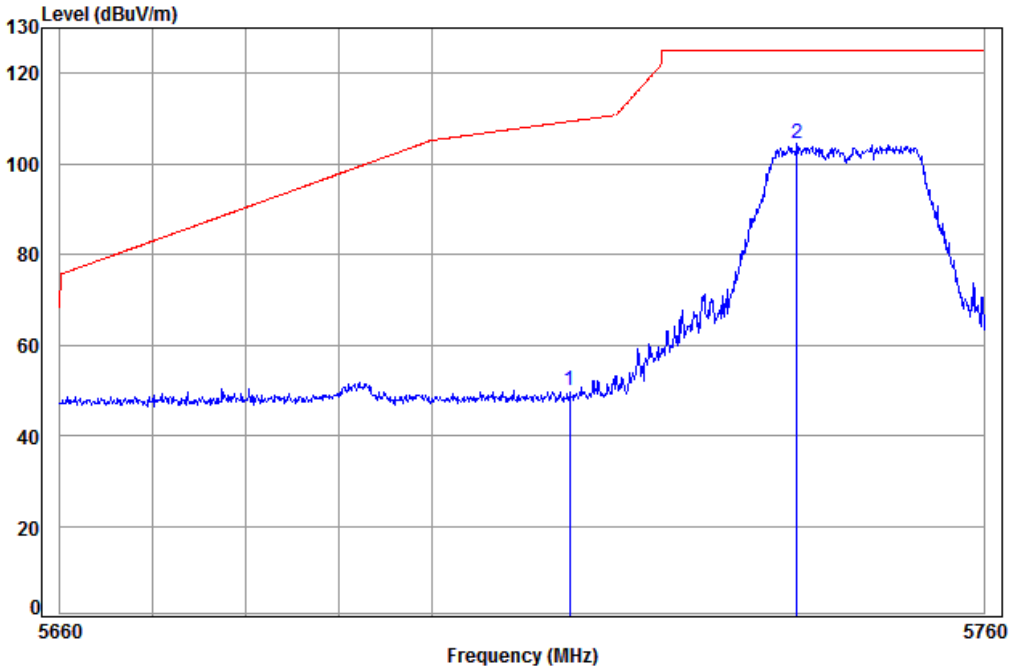
Test mode:	802.11ac(HT20)	Frequency(MHz):	5700	Horizontal



Condition: 3m Horizontal
Job No: : 6309RG
Mode: : 5700 Band edge
: A20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	pp 5699.960	8.46	34.52	39.03	92.20	96.15	74.00	22.15	Peak
2	av 5715.000	8.47	34.53	39.03	37.91	41.88	54.00	-12.12	Average
3	5715.000	8.47	34.53	39.03	56.07	60.04	74.00	-13.96	Peak

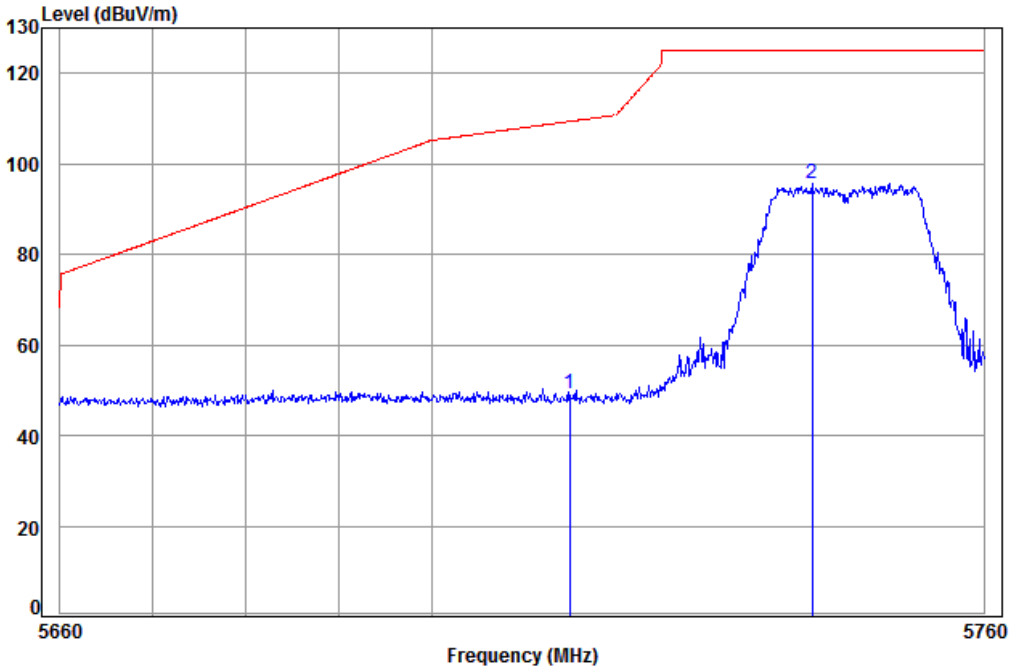
Test mode:	802.11ac(HT20)	Frequency(MHz):	5745	Vertical



Condition: 3m Vertical
Job No: : 6309RG
Mode: : 5745 Band edge
: A20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5715.000	8.47	34.53	39.03	45.93	49.90	109.40	-59.50	Peak
2 pp	5739.659	8.50	34.55	39.02	100.41	104.44	125.20	-20.76	Peak

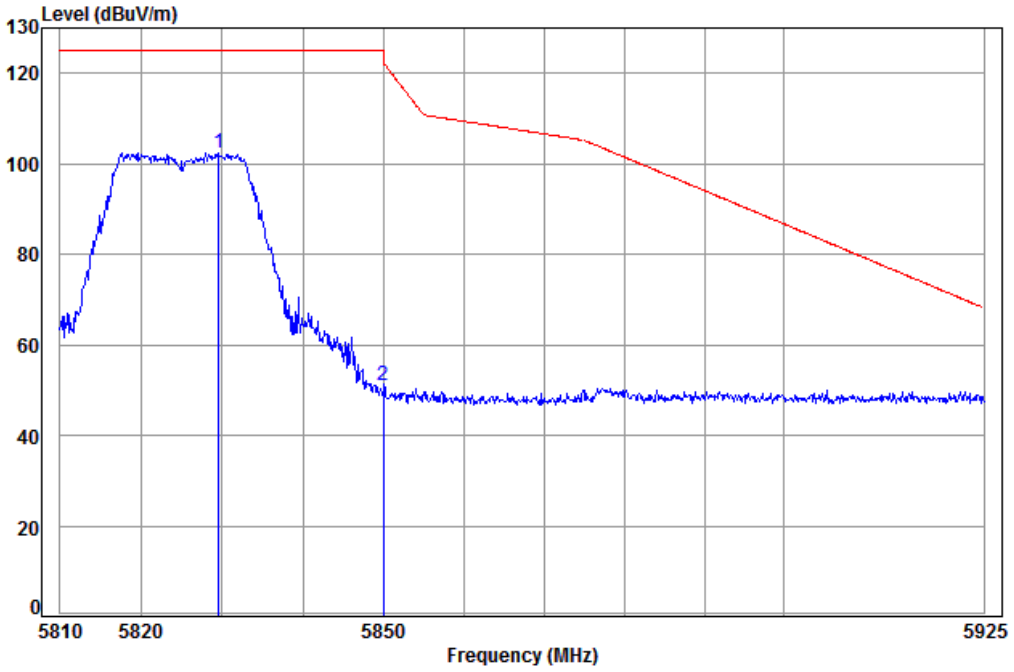
Test mode:	802.11ac(HT20)	Frequency(MHz):	5745	Horizontal



Condition: 3m Horizontal
Job No: : 6309RG
Mode: : 5745 Band edge
: A20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5715.000	8.47	34.53	39.03	45.36	49.33	109.40	-60.07	Peak
2 pp	5741.267	8.50	34.55	39.02	91.51	95.54	125.20	-29.66	Peak

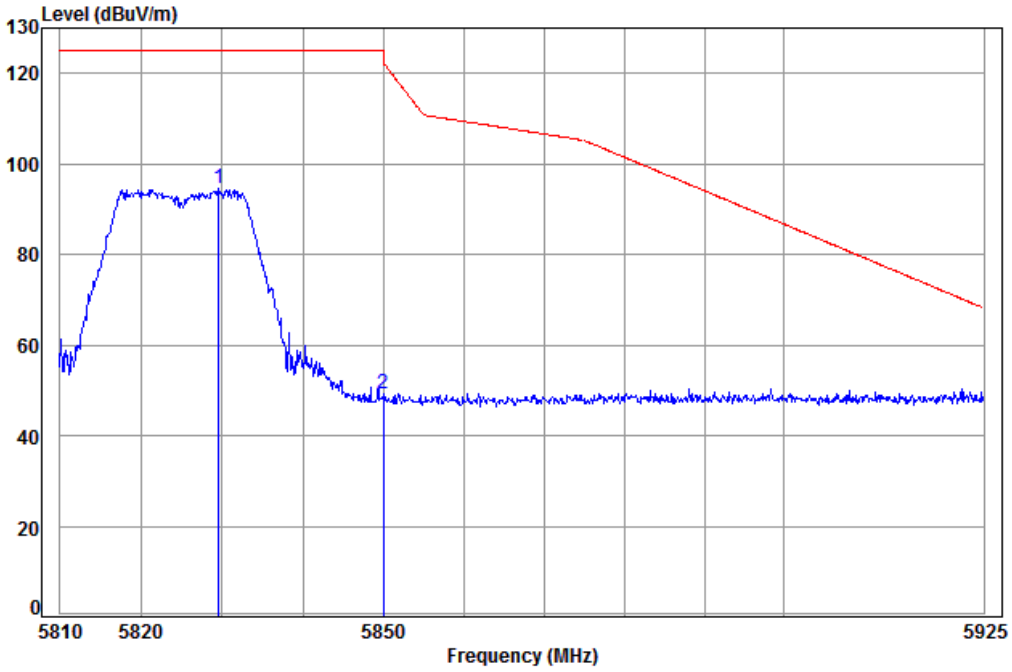
Test mode:	802.11ac(HT20)	Frequency(MHz):	5825	Vertical



Condition: 3m Vertical
Job No: : 6309CR
Mode: : 5825 Band edge
: A20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5829.620	8.58	34.60	39.02	98.34	102.50	125.20	-22.70	Peak
2	5850.000	8.60	34.61	39.01	46.80	51.00	122.20	-71.20	Peak

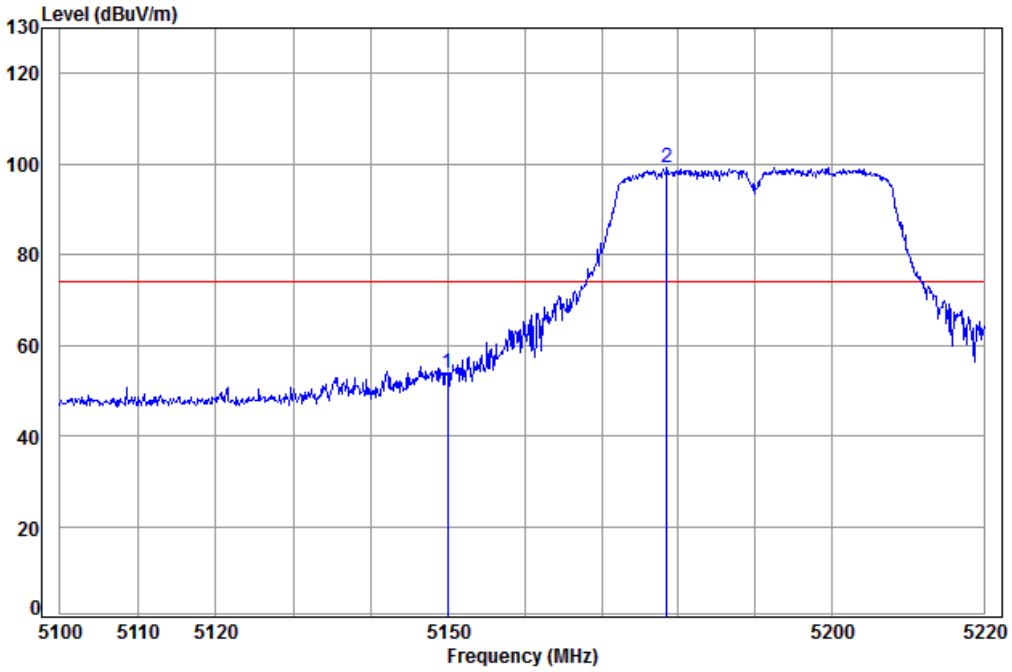
Test mode:	802.11ac(HT20)	Frequency(MHz):	5825	Horizontal



Condition: 3m Horizontal
Job No: : 6309CR
Mode: : 5825 Band edge
: A20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5829.620	8.58	34.60	39.02	90.43	94.59	125.20	-30.61	Peak
2	5850.000	8.60	34.61	39.01	45.07	49.27	122.20	-72.93	Peak

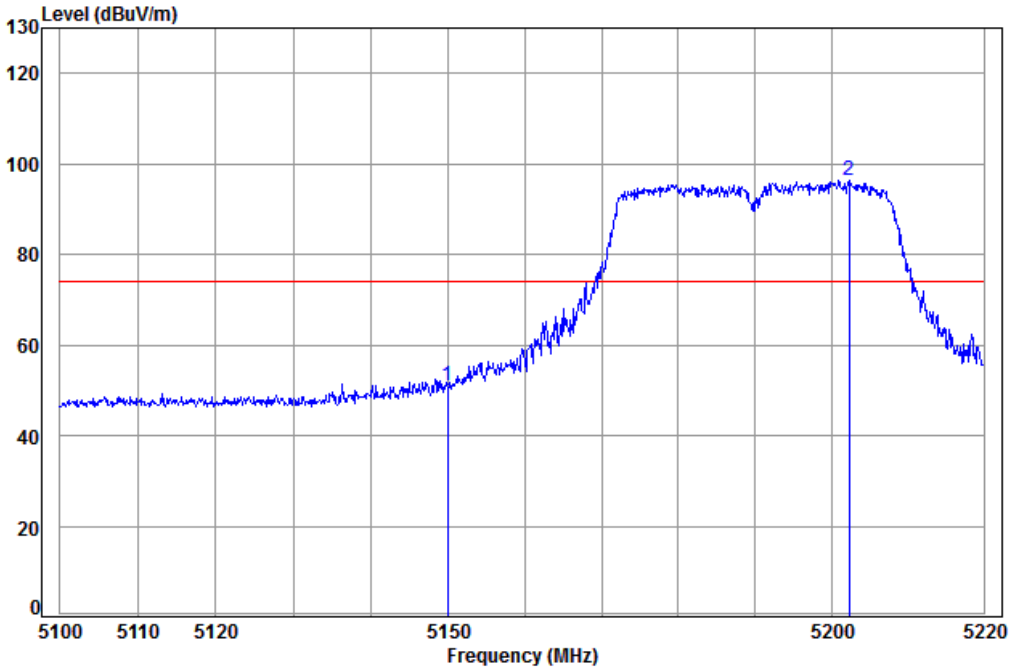
Test mode:	802.11n(HT40)	Frequency(MHz):	5190	Vertical



Condition: 3m Vertical
Job No: : 6309RG
Mode: : 5190 Band edge
: N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5150.000	8.08	34.47	39.08	50.30	53.77	74.00	-20.23	Peak
2 pp	5178.525	8.09	34.46	39.08	95.84	99.31	74.00	25.31	Peak

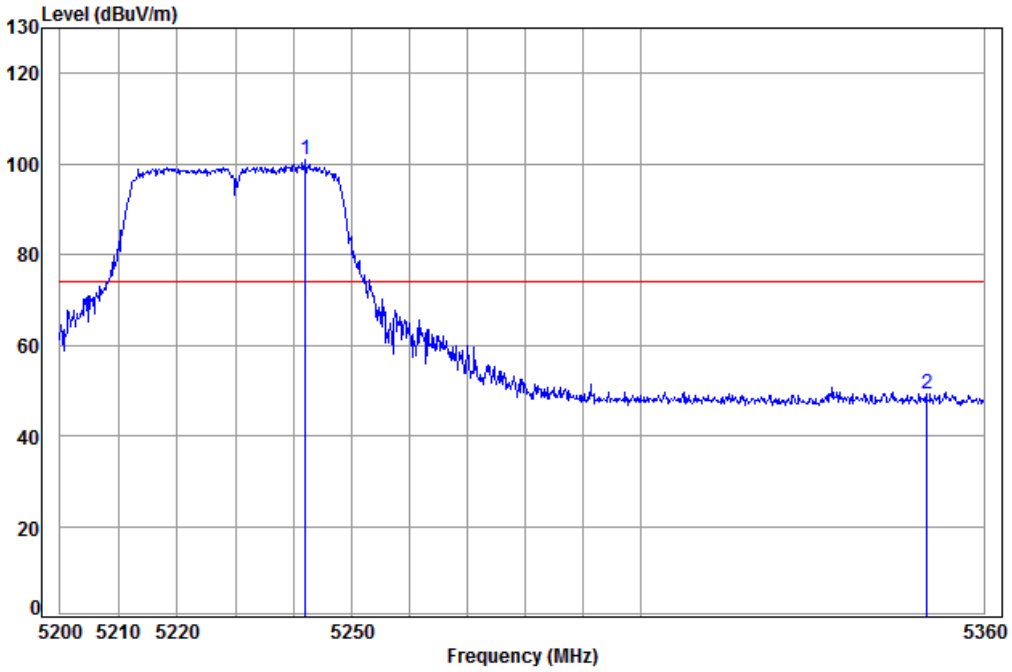
Test mode:	802.11n(HT40)	Frequency(MHz):	5190	Horizontal



Condition: 3m Horizontal
Job No: : 6309RG
Mode: : 5190 Band edge
: N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5150.000	8.08	34.47	39.08	47.53	51.00	74.00	-23.00	Peak
2 pp	5202.306	8.10	34.46	39.08	92.94	96.42	74.00	22.42	Peak

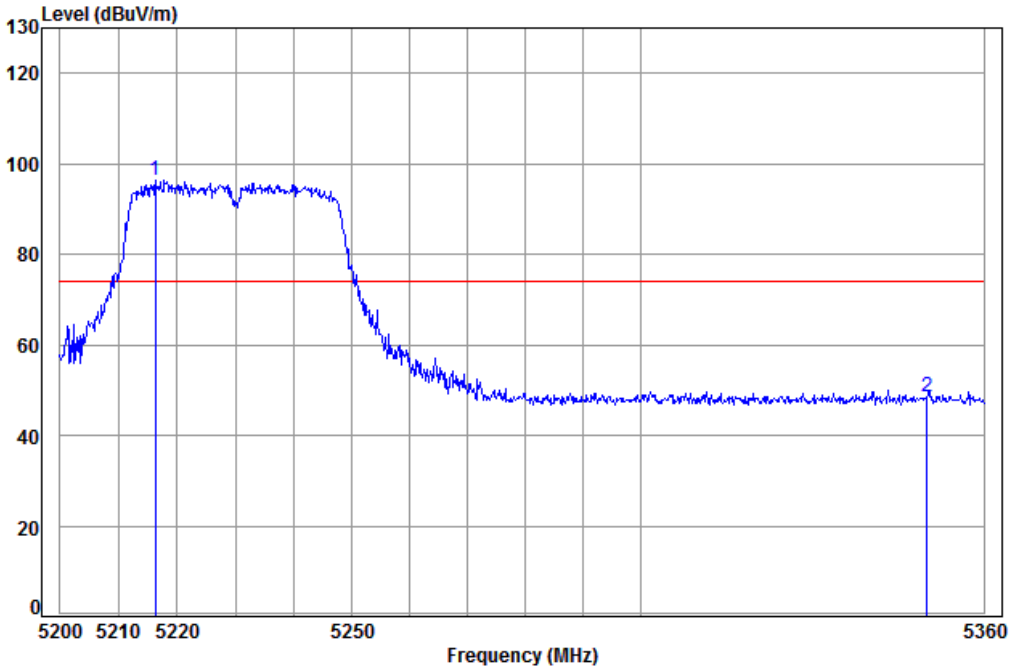
Test mode:	802.11n(HT40)	Frequency(MHz):	5230	Vertical



Condition: 3m Vertical
Job No: : 6309RG
Mode: : 5230 Band edge
: N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5242.088	8.12	34.45	39.07	97.59	101.09	74.00	27.09	Peak
2	5350.000	8.18	34.43	39.06	45.51	49.06	74.00	-24.94	Peak

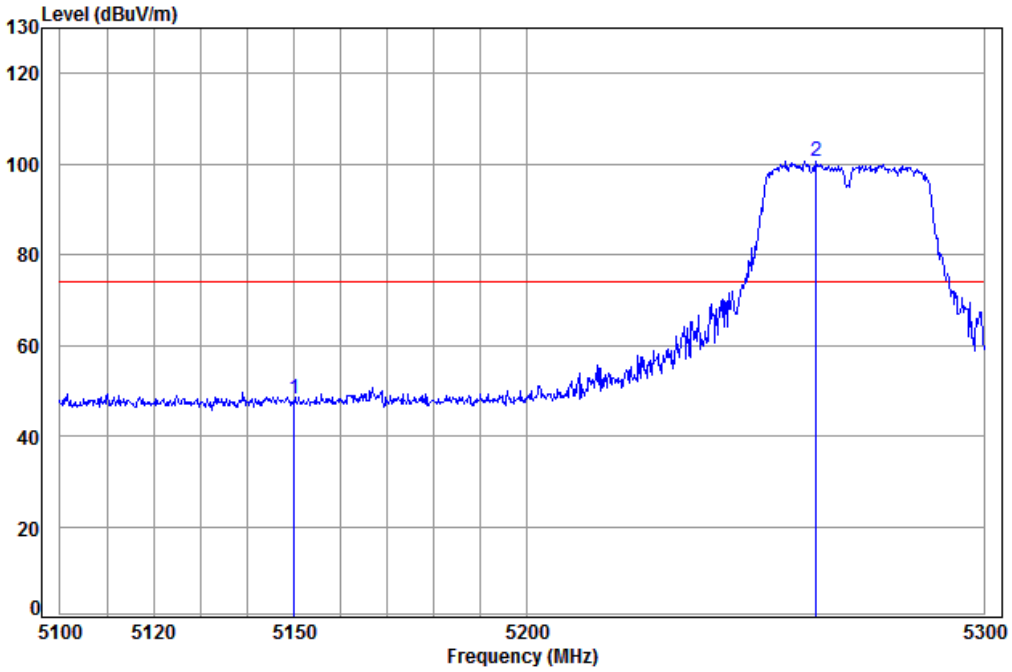
Test mode:	802.11n(HT40)	Frequency(MHz):	5230	Horizontal



Condition: 3m Horizontal
Job No: : 6309RG
Mode: : 5230 Band edge
: N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5216.257	8.11	34.46	39.08	92.81	96.30	74.00	22.30	Peak
2	5350.000	8.18	34.43	39.06	45.12	48.67	74.00	-25.33	Peak

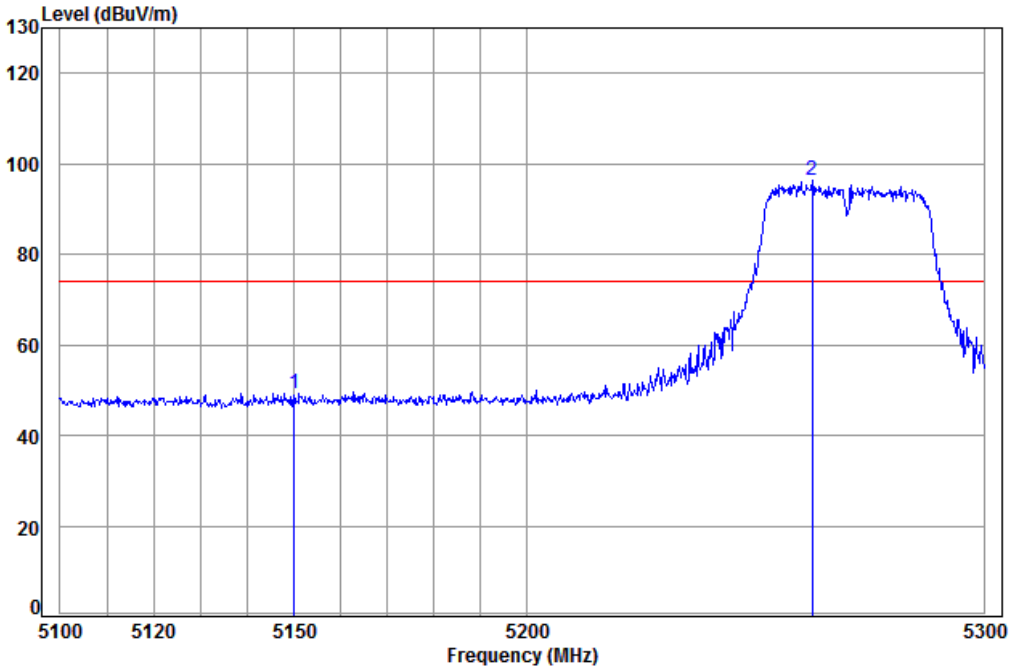
Test mode:	802.11n(HT40)	Frequency(MHz):	5270	Vertical



Condition: 3m Vertical
Job No: : 6309RG
Mode: : 5270 Band edge
: N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5150.000	8.08	34.47	39.08	44.84	48.31	74.00	-25.69	Peak
2 pp	5263.228	8.13	34.45	39.07	97.24	100.75	74.00	26.75	Peak

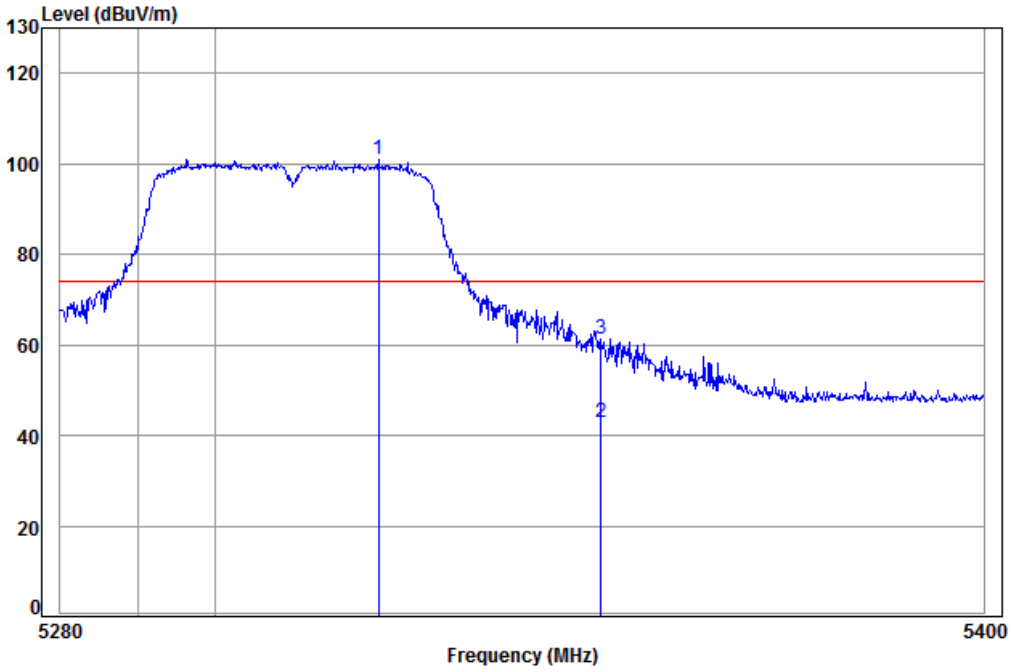
Test mode:	802.11n(HT40)	Frequency(MHz):	5270	Horizontal



Condition: 3m Horizontal
Job No: : 6309RG
Mode: : 5270 Band edge
: N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5150.000	8.08	34.47	39.08	45.73	49.20	74.00	-24.80	Peak
2 pp	5262.215	8.13	34.45	39.07	92.81	96.32	74.00	22.32	Peak

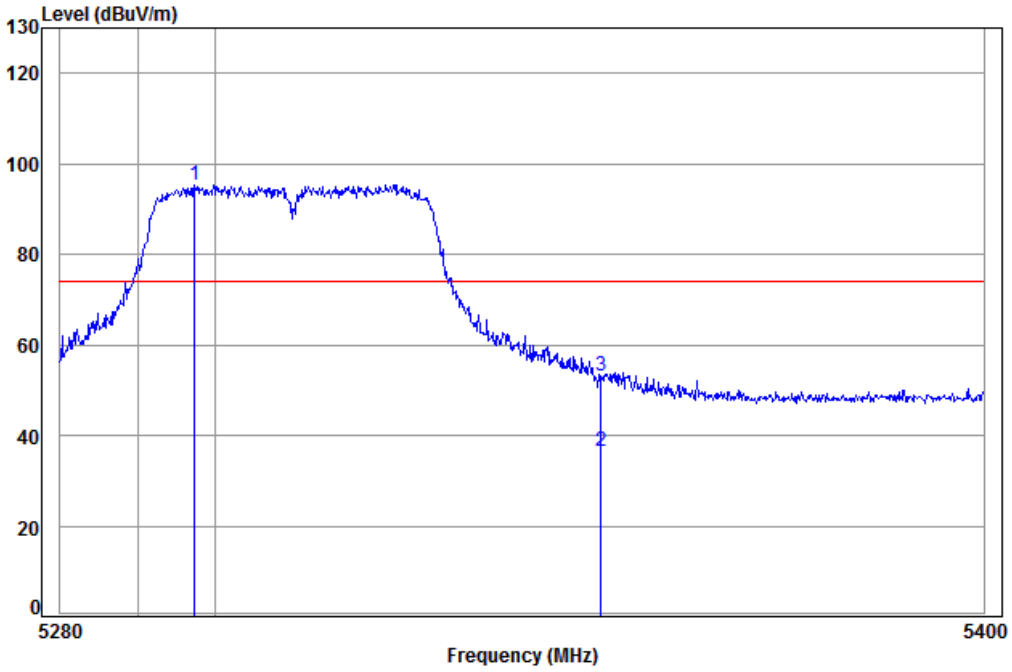
Test mode:	802.11n(HT40)	Frequency(MHz):	5310	Vertical



Condition: 3m Vertical
Job No: : 6309RG
Mode: : 5310 Band edge
: N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	pp 5321.096	8.16	34.43	39.07	97.49	101.01	74.00	27.01	Peak
2	av 5350.000	8.18	34.43	39.06	39.24	42.79	54.00	-11.21	Average
3	5350.000	8.18	34.43	39.06	57.66	61.21	74.00	-12.79	Peak

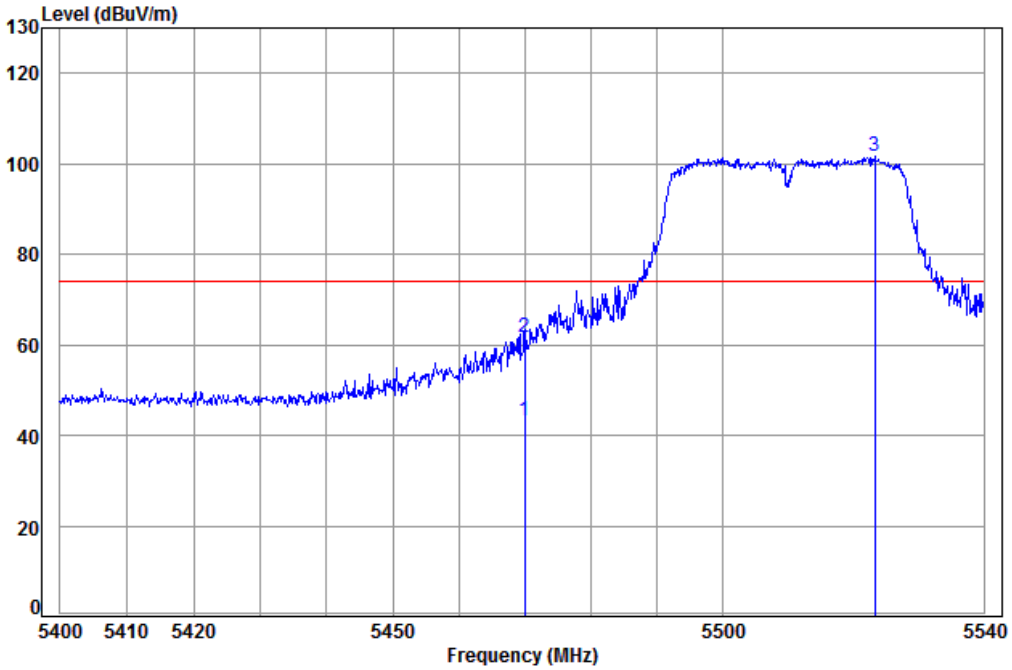
Test mode:	802.11n(HT40)	Frequency(MHz):	5310	Horizontal



Condition: 3m Horizontal
Job No: : 6309RG
Mode: : 5310 Band edge
: N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	pp 5297.353	8.15	34.44	39.07	91.82	95.34	74.00	21.34	Peak
2	av 5350.000	8.18	34.43	39.06	32.99	36.54	54.00	-17.46	Average
3	5350.000	8.18	34.43	39.06	49.56	53.11	74.00	-20.89	Peak

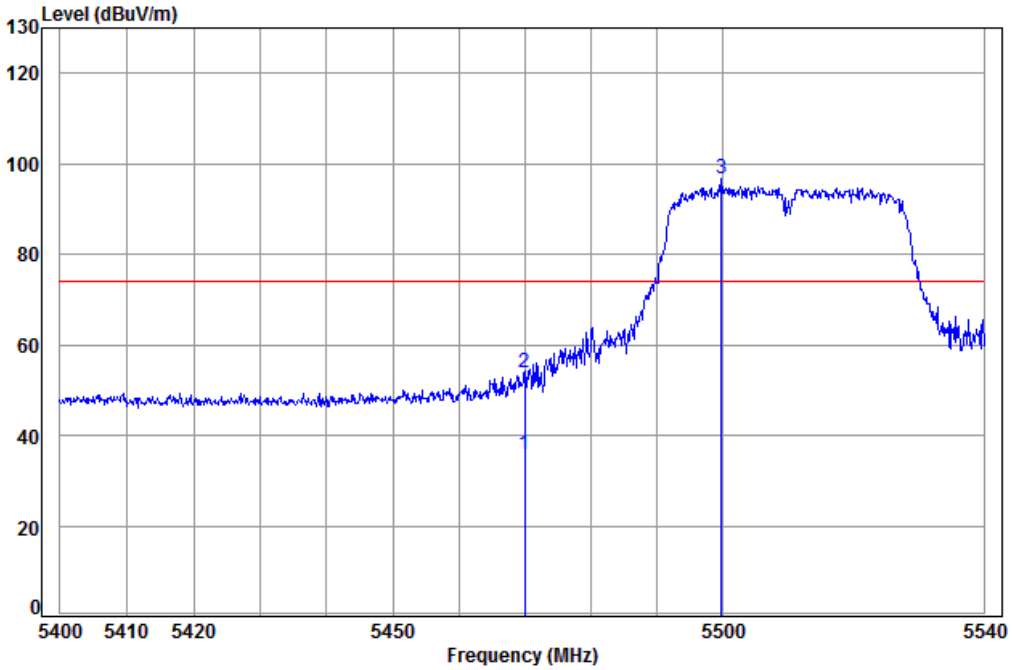
Test mode:	802.11n(HT40)	Frequency(MHz):	5510	Vertical



Condition: 3m Vertical
Job No: : 6309RG
Mode: : 5510 Band edge
: N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	av 5470.000	8.24	34.41	39.05	39.63	43.23	54.00	-10.77	Average
2	5470.000	8.24	34.41	39.05	58.08	61.68	74.00	-12.32	Peak
3	pp 5523.293	8.27	34.41	39.05	98.14	101.77	74.00	27.77	Peak

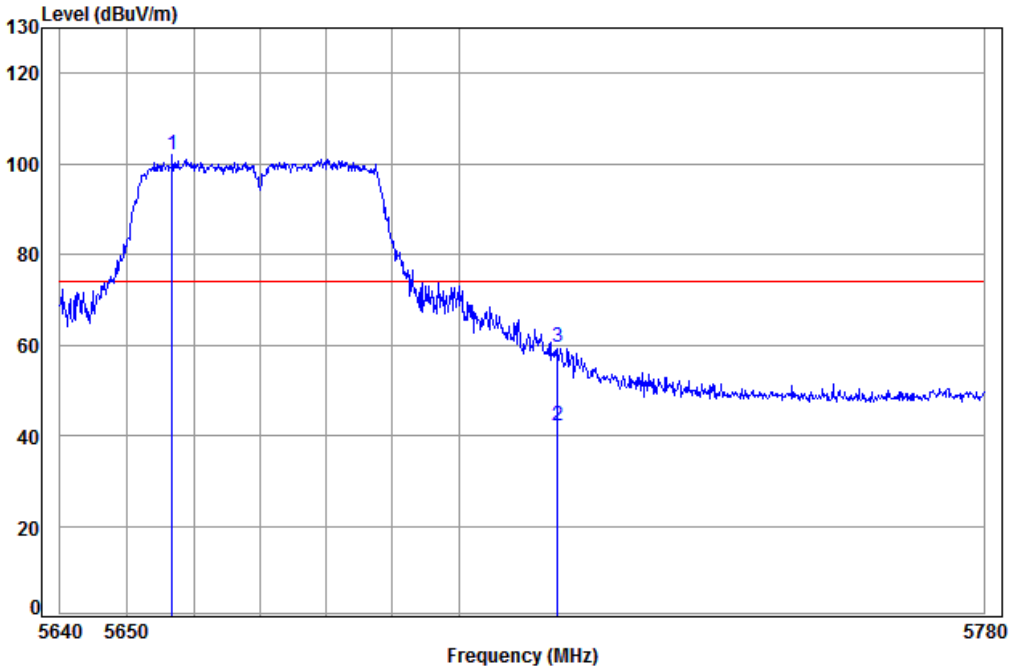
Test mode:	802.11n(HT40)	Frequency(MHz):	5510	Horizontal



Condition: 3m Horizontal
Job No: : 6309RG
Mode: : 5510 Band edge
: N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	av 5470.000	8.24	34.41	39.05	32.35	35.95	54.00	-18.05	Average
2	5470.000	8.24	34.41	39.05	50.16	53.76	74.00	-20.24	Peak
3	pp 5499.875	8.25	34.40	39.05	93.08	96.68	74.00	22.68	Peak

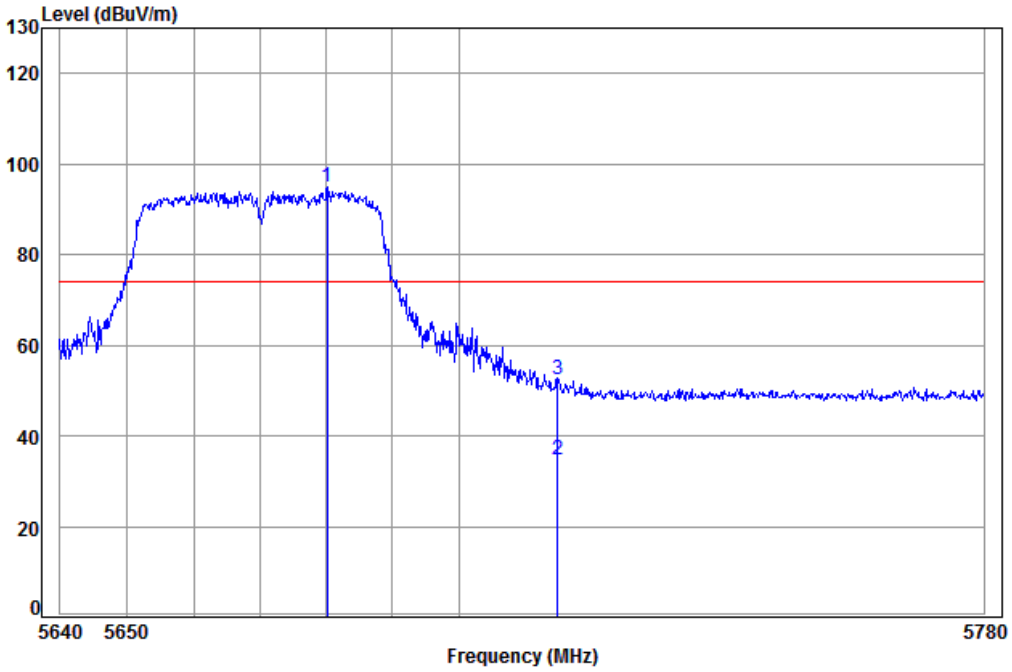
Test mode:	802.11n(HT40)	Frequency(MHz):	5670	Vertical



Condition: 3m Vertical
Job No: : 6309RG
Mode: : 5670 Band edge
: N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	pp 5656.758	8.41	34.50	39.03	98.16	102.04	74.00	28.04	Peak
2	av 5715.000	8.47	34.53	39.03	38.01	41.98	54.00	-12.02	Average
3	5715.000	8.47	34.53	39.03	55.48	59.45	74.00	-14.55	Peak

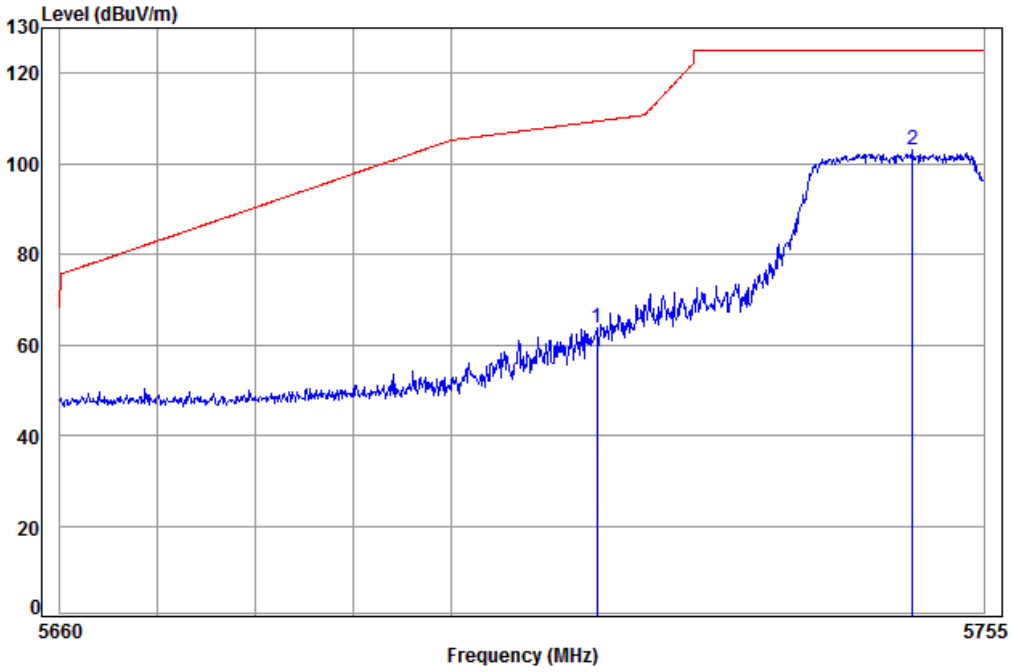
Test mode:	802.11n(HT40)	Frequency(MHz):	5670	Horizontal



Condition: 3m Horizontal
Job No: : 6309RG
Mode: : 5670 Band edge
: N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	pp 5680.108	8.44	34.51	39.03	90.84	94.76	74.00	20.76	Peak
2	av 5715.000	8.47	34.53	39.03	30.66	34.63	54.00	-19.37	Average
3	5715.000	8.47	34.53	39.03	48.32	52.29	74.00	-21.71	Peak

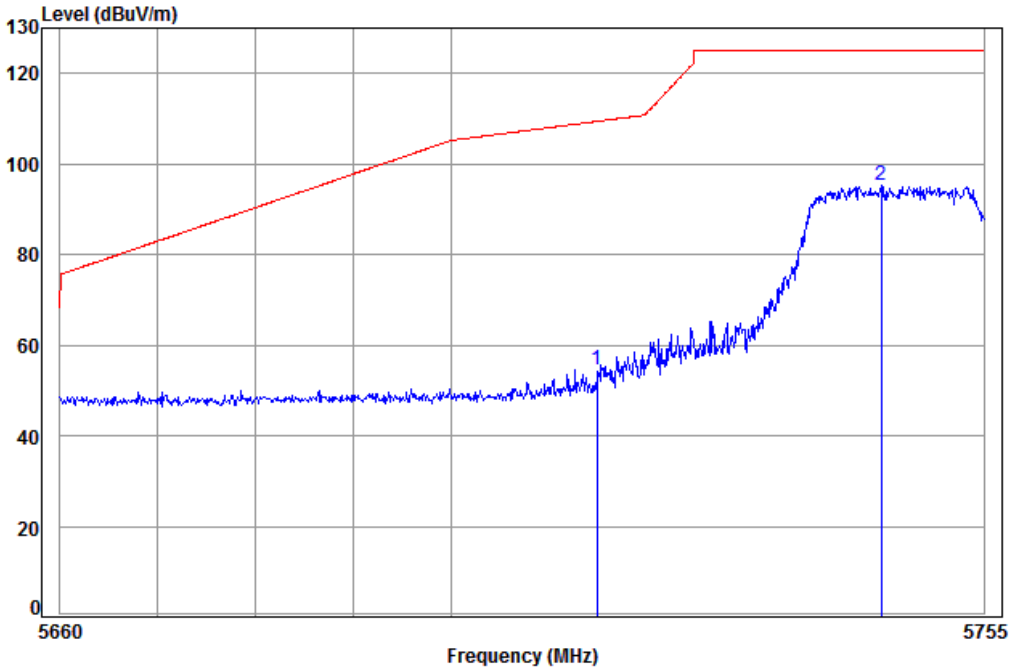
Test mode:	802.11n(HT40)	Frequency(MHz):	5755	Vertical



Condition: 3m Vertical
Job No: : 6309RG
Mode: : 5755 Band edge
: N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5715.000	8.47	34.53	39.03	59.78	63.75	109.40	-45.65	Peak
2 pp	5747.629	8.50	34.55	39.02	98.91	102.94	125.20	-22.26	Peak

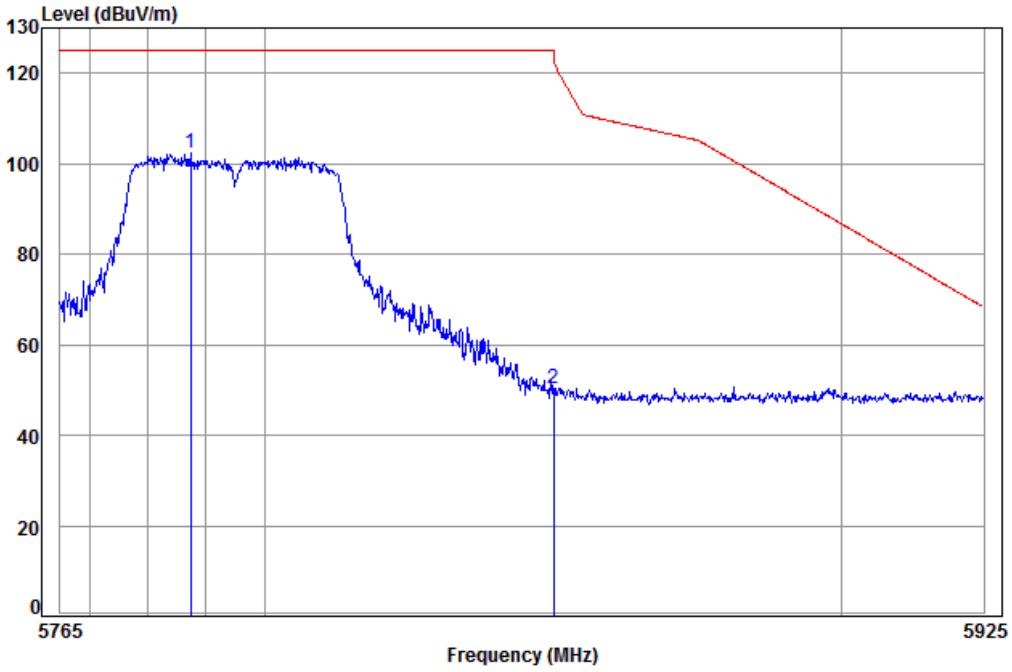
Test mode:	802.11n(HT40)	Frequency(MHz):	5755	Horizontal



Condition: 3m Horizontal
Job No: : 6309RG
Mode: : 5755 Band edge
: N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5715.000	8.47	34.53	39.03	50.62	54.59	109.40	-54.81	Peak
2 pp	5744.377	8.50	34.55	39.02	91.18	95.21	125.20	-29.99	Peak

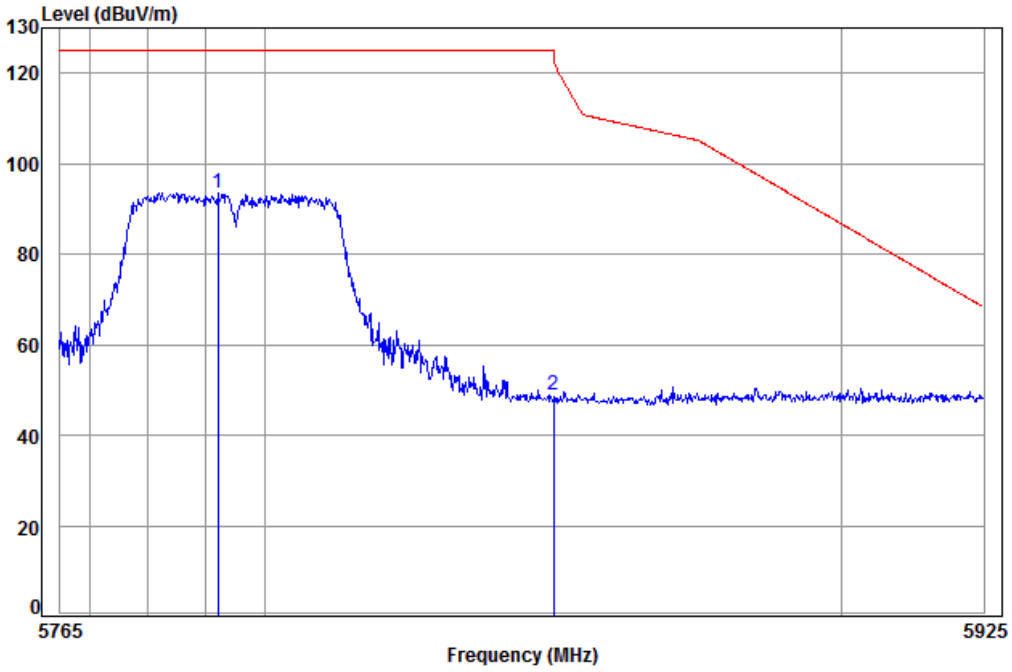
Test mode:	802.11n(HT40)	Frequency(MHz):	5795	Vertical



Condition: 3m Vertical
Job No: : 6309RG
Mode: : 5795 Band edge
: N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5787.295	8.54	34.58	39.02	98.16	102.26	125.20	-22.94	Peak
2	5850.000	8.60	34.61	39.01	46.22	50.42	122.20	-71.78	Peak

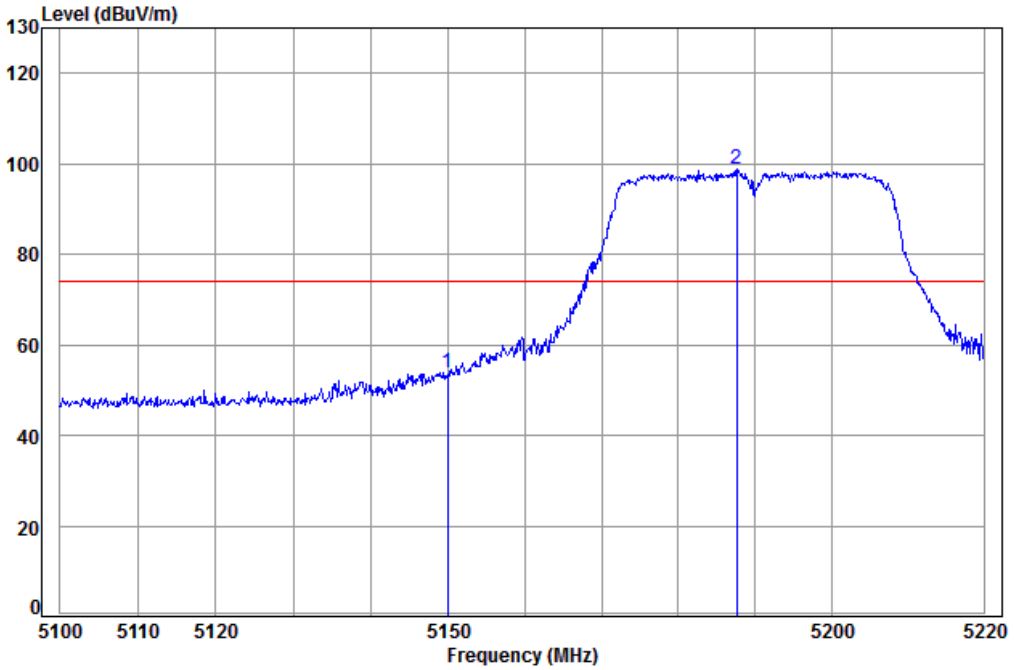
Test mode:	802.11n(HT40)	Frequency(MHz):	5795	Horizontal



Condition: 3m Horizontal
Job No: : 6309RG
Mode: : 5795 Band edge
: N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5792.050	8.55	34.58	39.02	89.53	93.64	125.20	-31.56	Peak
2	5850.000	8.60	34.61	39.01	44.52	48.72	122.20	-73.48	Peak

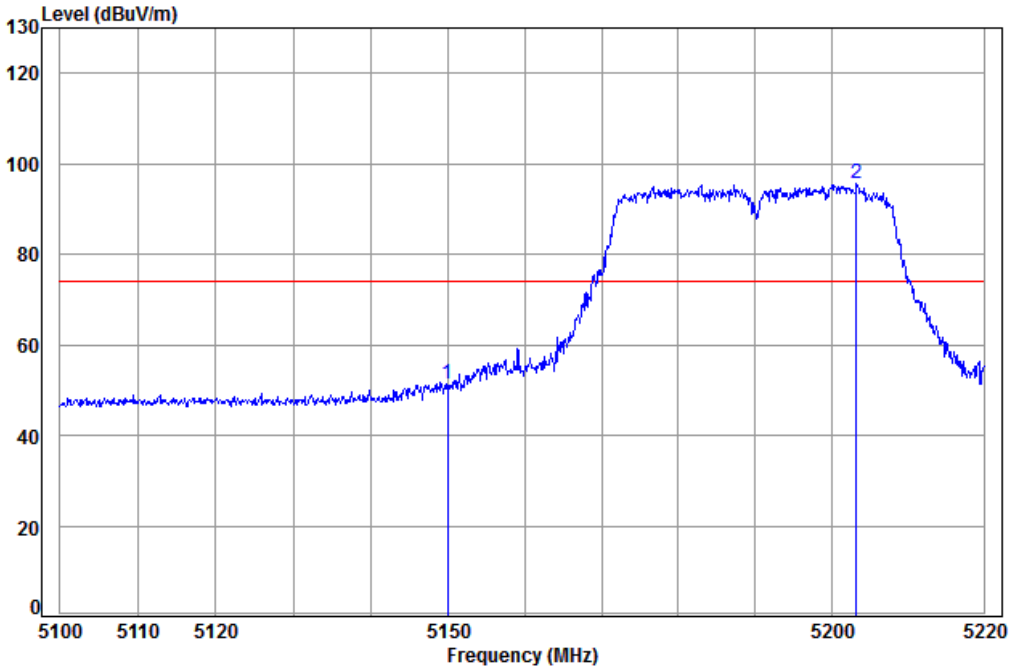
Test mode:	802.11ac(HT40)	Frequency(MHz):	5190	Vertical



Condition: 3m Vertical
Job No: : 6309RG
Mode: : 5190 Band edge
: AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5150.000	8.08	34.47	39.08	50.29	53.76	74.00	-20.24	Peak
2 pp	5187.687	8.10	34.46	39.08	95.38	98.86	74.00	24.86	Peak

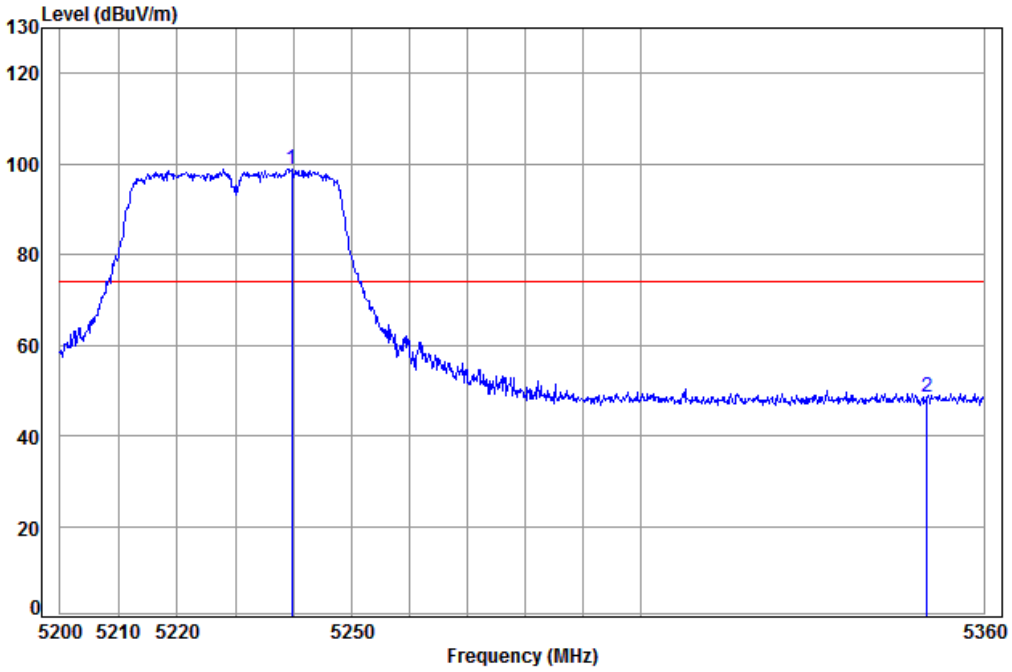
Test mode:	802.11ac(HT40)	Frequency(MHz):	5190	Horizontal



Condition: 3m Horizontal
Job No: : 6309RG
Mode: : 5190 Band edge
: AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5150.000	8.08	34.47	39.08	48.02	51.49	74.00	-22.51	Peak
2 pp	5203.273	8.10	34.46	39.08	92.25	95.73	74.00	21.73	Peak

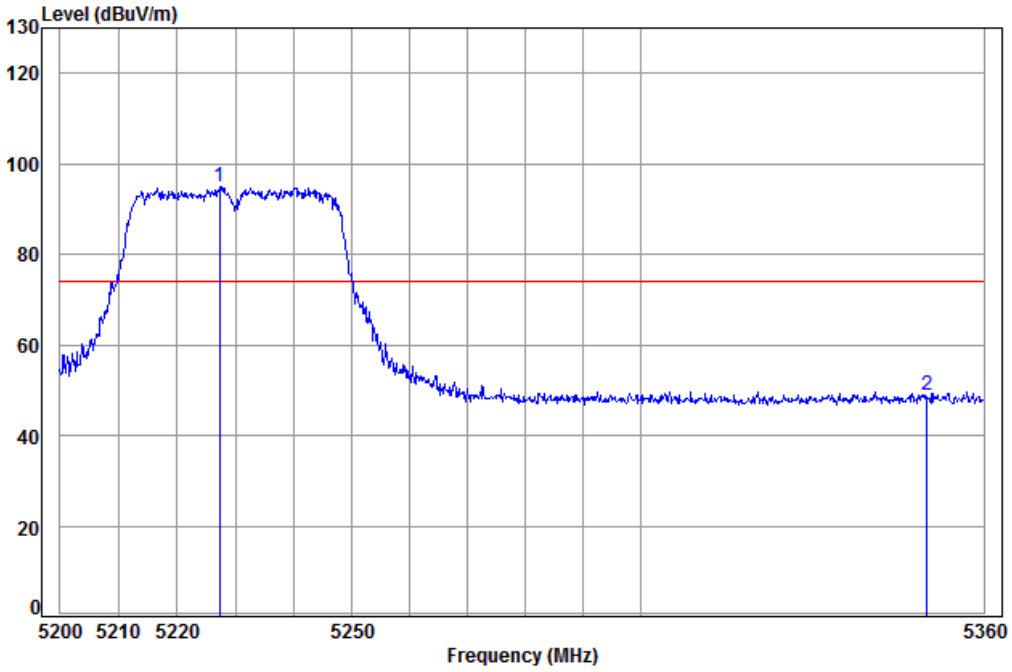
Test mode:	802.11ac(HT40)	Frequency(MHz):	5230	Vertical



Condition: 3m Vertical
Job No: : 6309RG
Mode: : 5230 Band edge
: AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5239.706	8.12	34.45	39.07	95.34	98.84	74.00	24.84	Peak
2	5350.000	8.18	34.43	39.06	45.04	48.59	74.00	-25.41	Peak

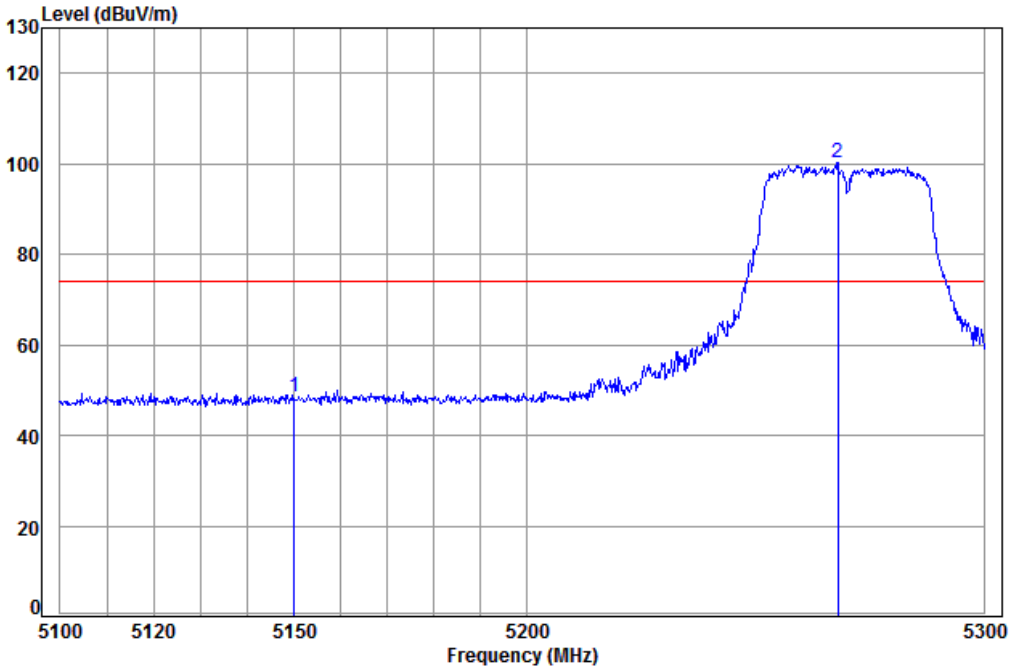
Test mode:	802.11ac(HT40)	Frequency(MHz):	5230	Horizontal



Condition: 3m Horizontal
Job No: : 6309RG
Mode: : 5230 Band edge
: AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5227.334	8.12	34.45	39.08	91.50	94.99	74.00	20.99	Peak
2	5350.000	8.18	34.43	39.06	45.43	48.98	74.00	-25.02	Peak

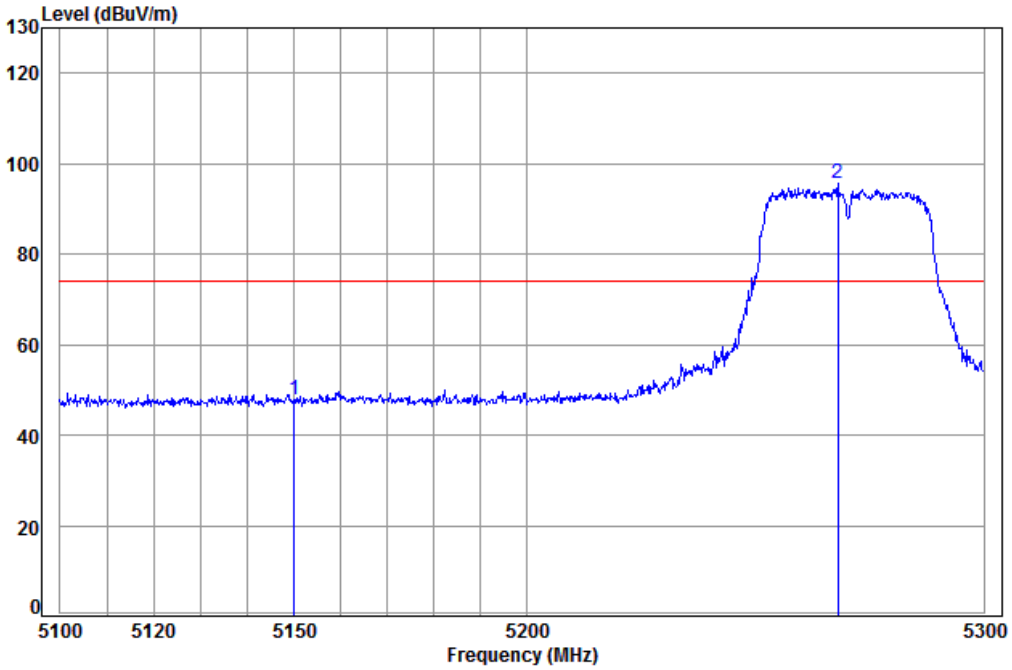
Test mode:	802.11ac(HT40)	Frequency(MHz):	5270	Vertical



Condition: 3m Vertical
Job No: : 6309RG
Mode: : 5270 Band edge
: AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5150.000	8.08	34.47	39.08	45.22	48.69	74.00	-25.31	Peak
2 pp	5267.886	8.14	34.45	39.07	96.77	100.29	74.00	26.29	Peak

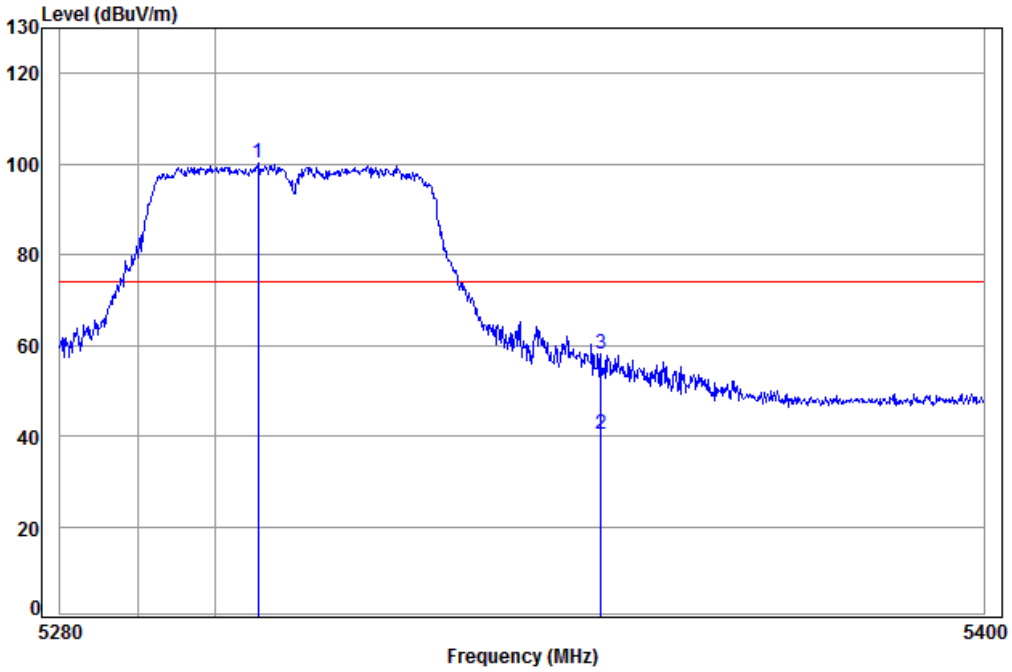
Test mode:	802.11ac(HT40)	Frequency(MHz):	5270	Horizontal



Condition: 3m Horizontal
Job No: : 6309RG
Mode: : 5270 Band edge
: AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5150.000	8.08	34.47	39.08	44.51	47.98	74.00	-26.02	Peak
2 pp	5267.886	8.14	34.45	39.07	92.20	95.72	74.00	21.72	Peak

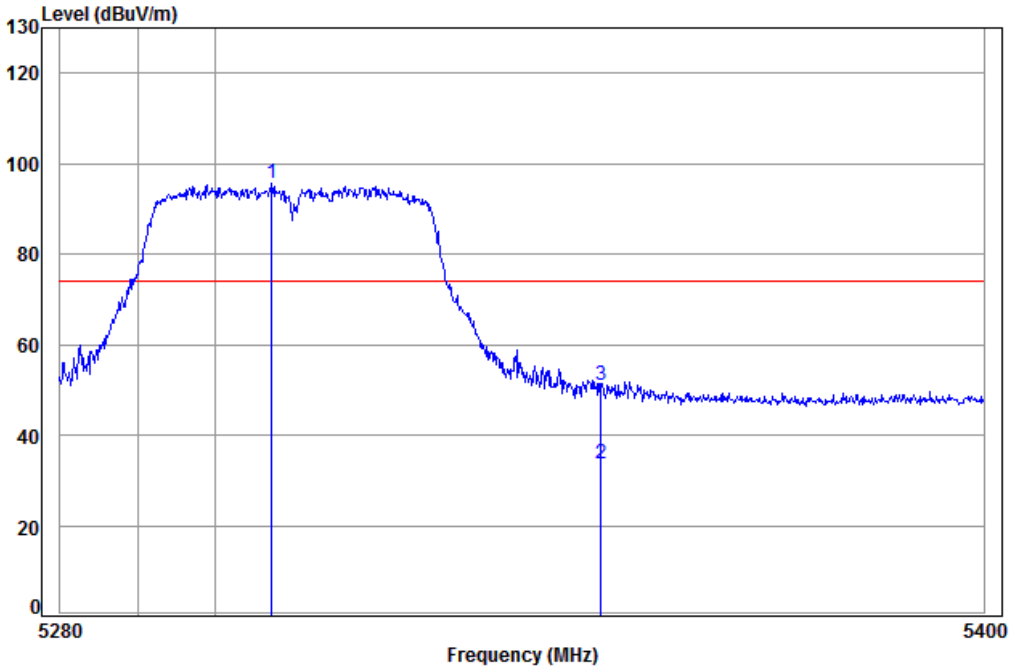
Test mode:	802.11ac(HT40)	Frequency(MHz):	5310	Vertical



Condition: 3m Vertical
Job No: : 6309RG
Mode: : 5310 Band edge
: AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	pp 5305.454	8.16	34.44	39.07	96.73	100.26	74.00	26.26	Peak
2	av 5350.000	8.18	34.43	39.06	36.99	40.54	54.00	-13.46	Average
3	5350.000	8.18	34.43	39.06	54.57	58.12	74.00	-15.88	Peak

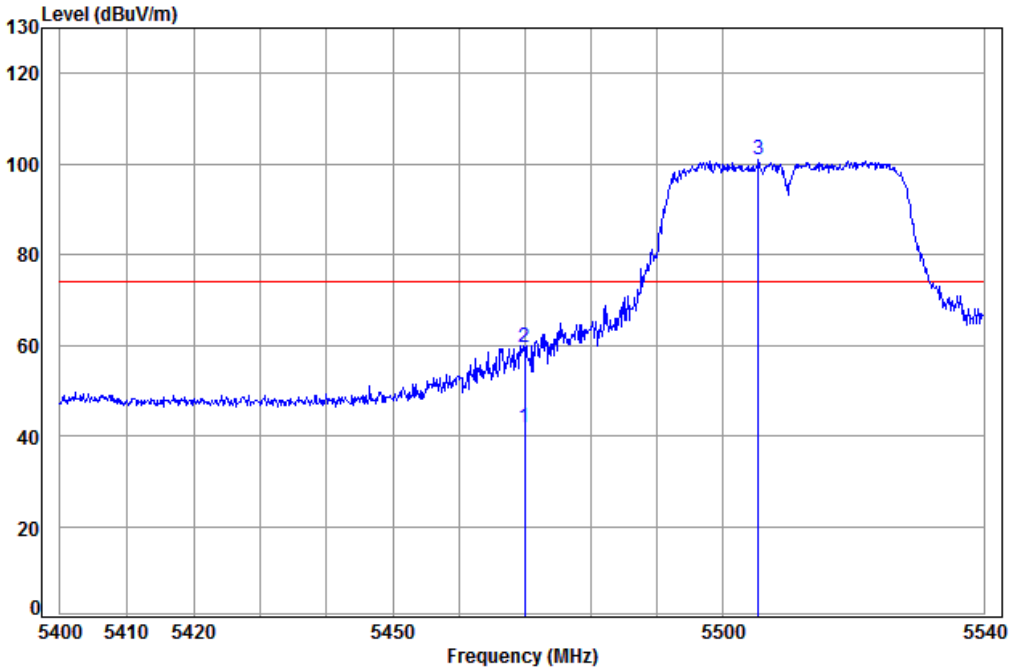
Test mode:	802.11ac(HT40)	Frequency(MHz):	5310	Horizontal



Condition: 3m Horizontal
Job No: : 6309RG
Mode: : 5310 Band edge
: AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	pp 5307.242	8.16	34.44	39.07	92.25	95.78	74.00	21.78	Peak
2	av 5350.000	8.18	34.43	39.06	30.22	33.77	54.00	-20.23	Average
3	5350.000	8.18	34.43	39.06	47.41	50.96	74.00	-23.04	Peak

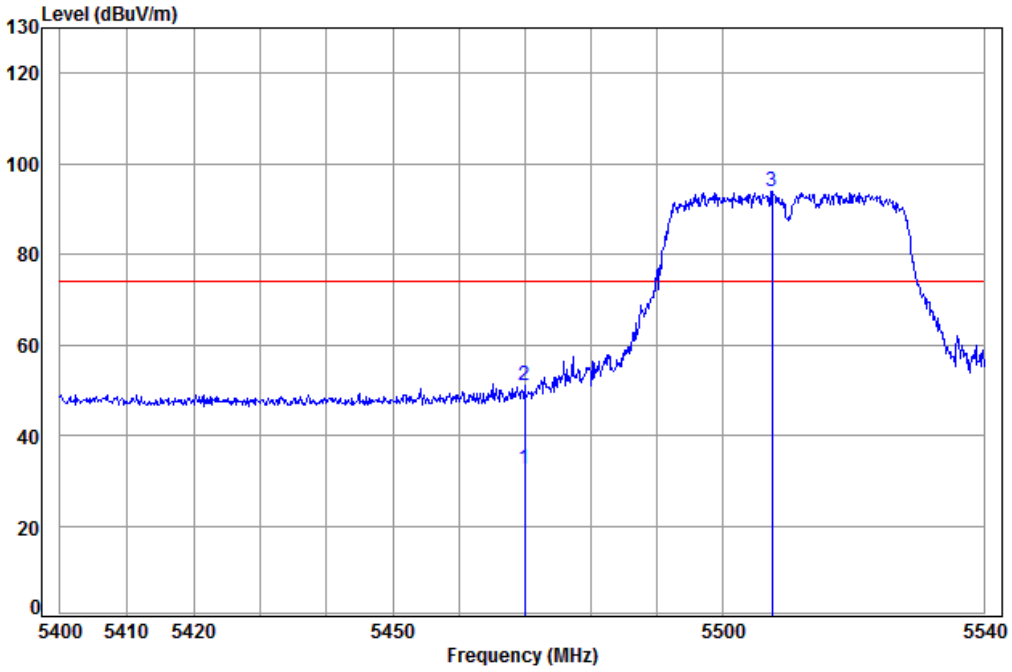
Test mode:	802.11ac(HT40)	Frequency(MHz):	5510	Vertical



Condition: 3m Vertical
Job No: : 6309RG
Mode: : 5510 Band edge
: AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 av	5470.000	8.24	34.41	39.05	38.17	41.77	54.00	-12.23	Average
2	5470.000	8.24	34.41	39.05	55.85	59.45	74.00	-14.55	Peak
3 pp	5505.509	8.26	34.40	39.05	97.27	100.88	74.00	26.88	Peak

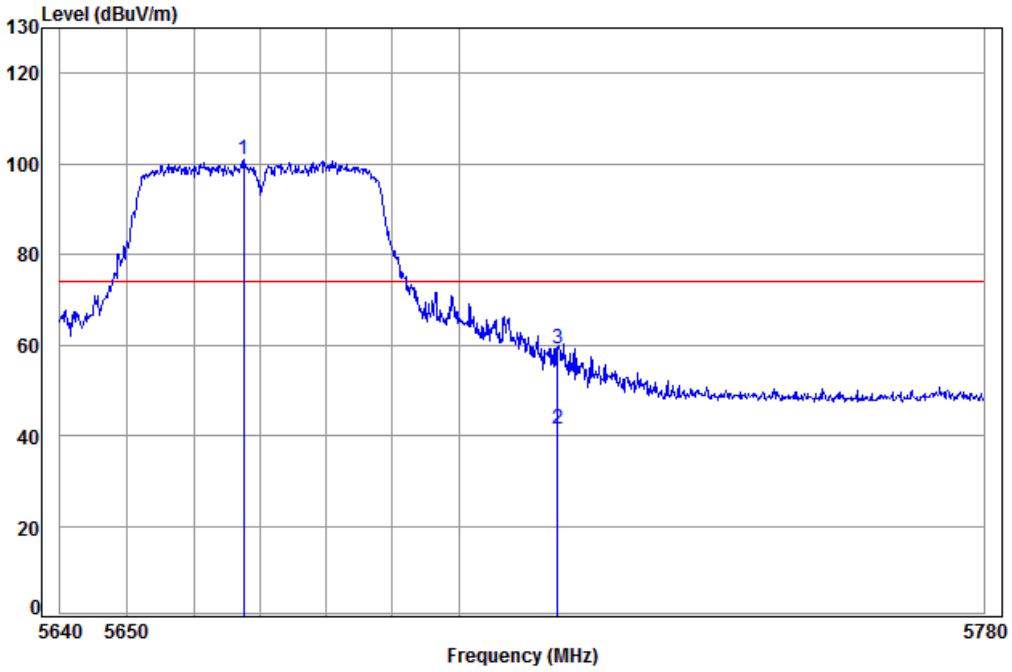
Test mode:	802.11ac(HT40)	Frequency(MHz):	5510	Horizontal



Condition: 3m Horizontal
Job No: : 6309RG
Mode: : 5510 Band edge
: AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 av	5470.000	8.24	34.41	39.05	28.99	32.59	54.00	-21.41	Average
2	5470.000	8.24	34.41	39.05	47.33	50.93	74.00	-23.07	Peak
3 pp	5507.623	8.26	34.40	39.05	90.26	93.87	74.00	19.87	Peak

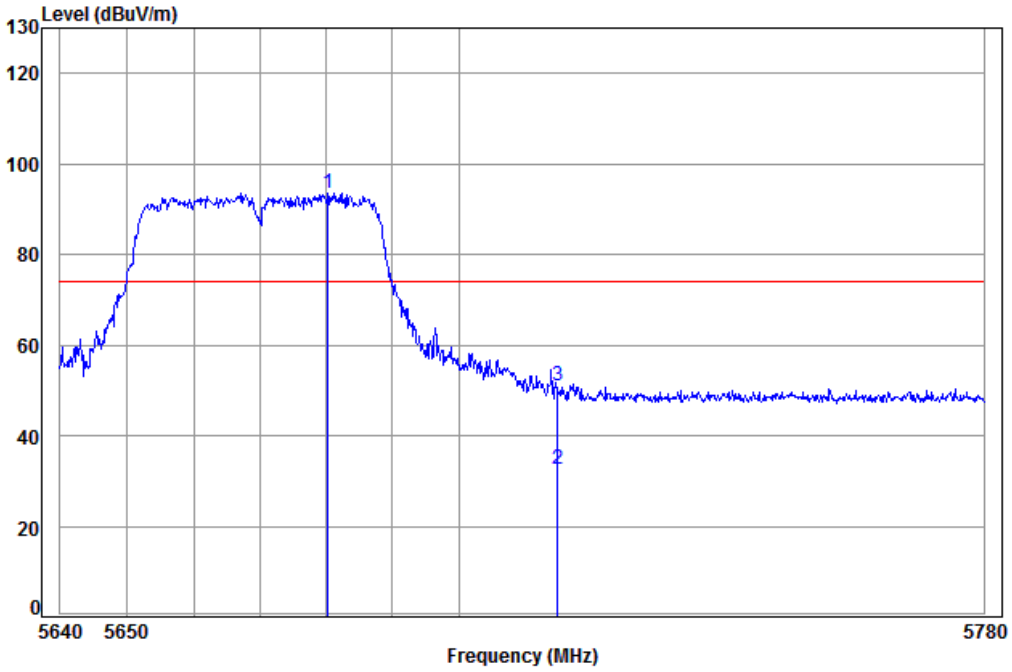
Test mode:	802.11ac(HT40)	Frequency(MHz):	5670	Vertical



Condition: 3m Vertical
Job No: : 6309RG
Mode: : 5670 Band edge
: AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	pp 5667.587	8.42	34.50	39.03	96.98	100.87	74.00	26.87	Peak
2	av 5715.000	8.47	34.53	39.03	37.65	41.62	54.00	-12.38	Average
3	5715.000	8.47	34.53	39.03	55.31	59.28	74.00	-14.72	Peak

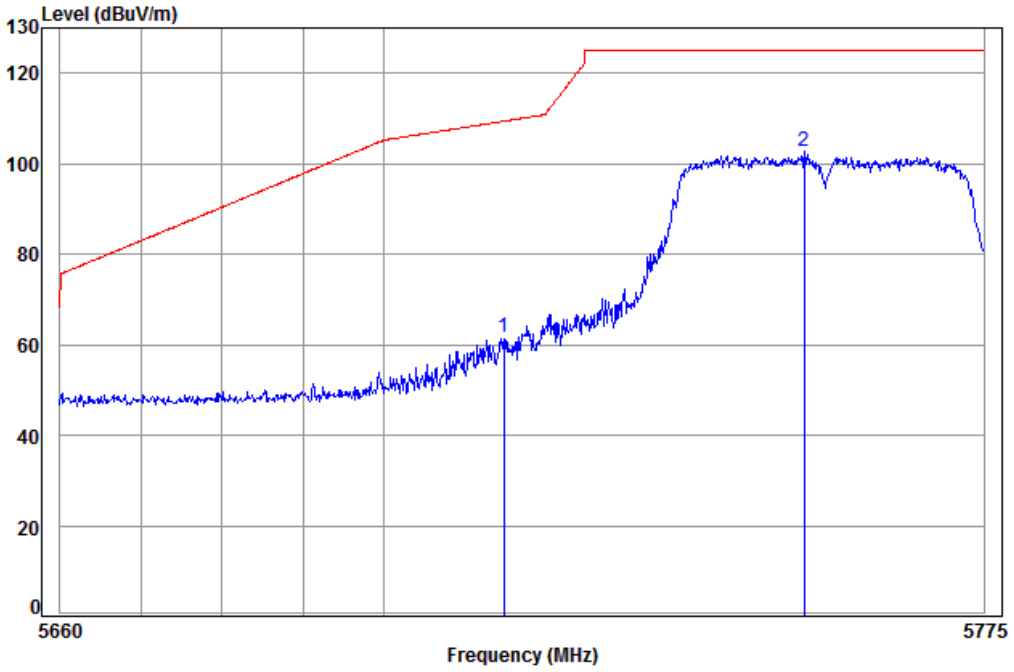
Test mode:	802.11ac(HT40)	Frequency(MHz):	5670	Horizontal



Condition: 3m Horizontal
Job No: : 6309RG
Mode: : 5670 Band edge
: AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	pp 5680.247	8.44	34.51	39.03	89.73	93.65	74.00	19.65	Peak
2	av 5715.000	8.47	34.53	39.03	28.51	32.48	54.00	-21.52	Average
3	5715.000	8.47	34.53	39.03	46.89	50.86	74.00	-23.14	Peak

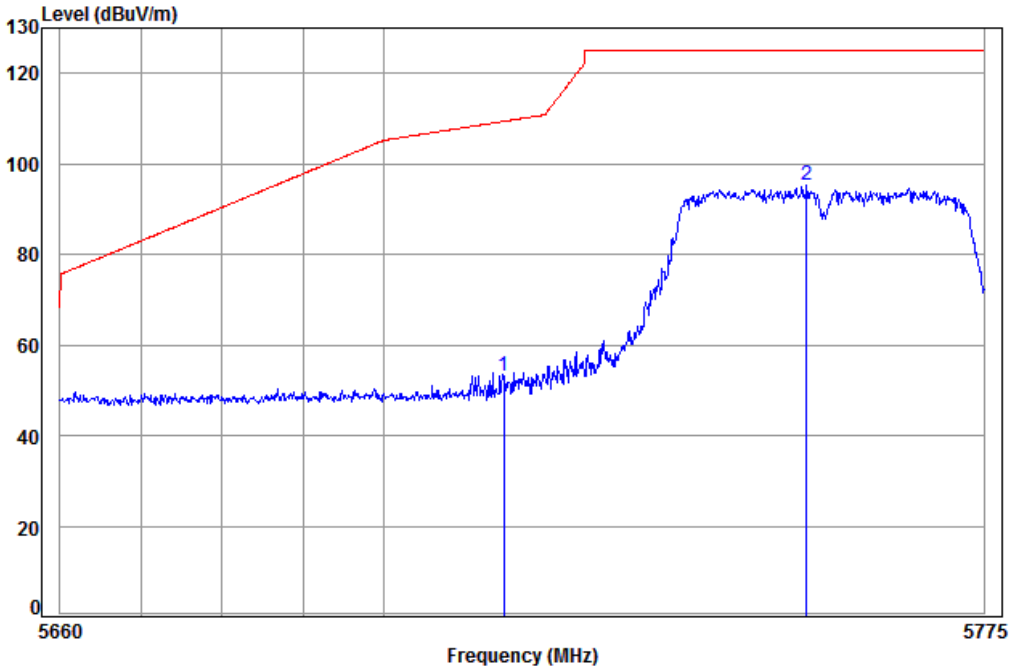
Test mode:	802.11ac(HT40)	Frequency(MHz):	5755	Vertical



Condition: 3m Vertical
Job No: : 6309RG
Mode: : 5755 Band edge
: AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5715.000	8.47	34.53	39.03	57.82	61.79	109.40	-47.61	Peak
2 pp	5752.509	8.51	34.55	39.02	98.73	102.77	125.20	-22.43	Peak

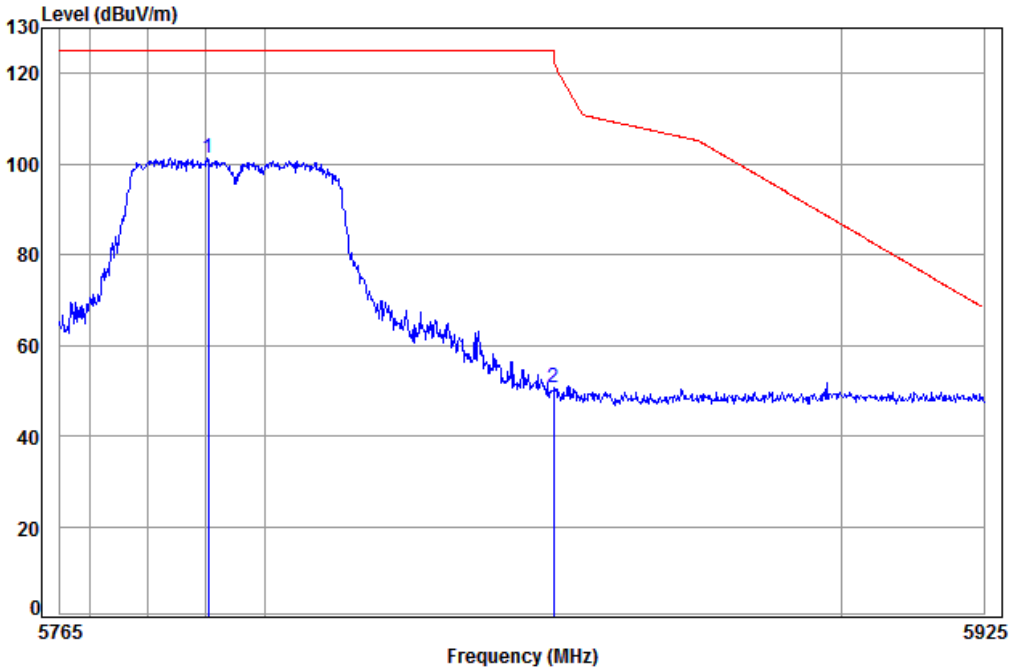
Test mode:	802.11ac(HT40)	Frequency(MHz):	5755	Horizontal



Condition: 3m Horizontal
Job No: : 6309RG
Mode: : 5755 Band edge
: AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5715.000	8.47	34.53	39.03	49.10	53.07	109.40	-56.33	Peak
2 pp	5752.740	8.51	34.55	39.02	91.08	95.12	125.20	-30.08	Peak

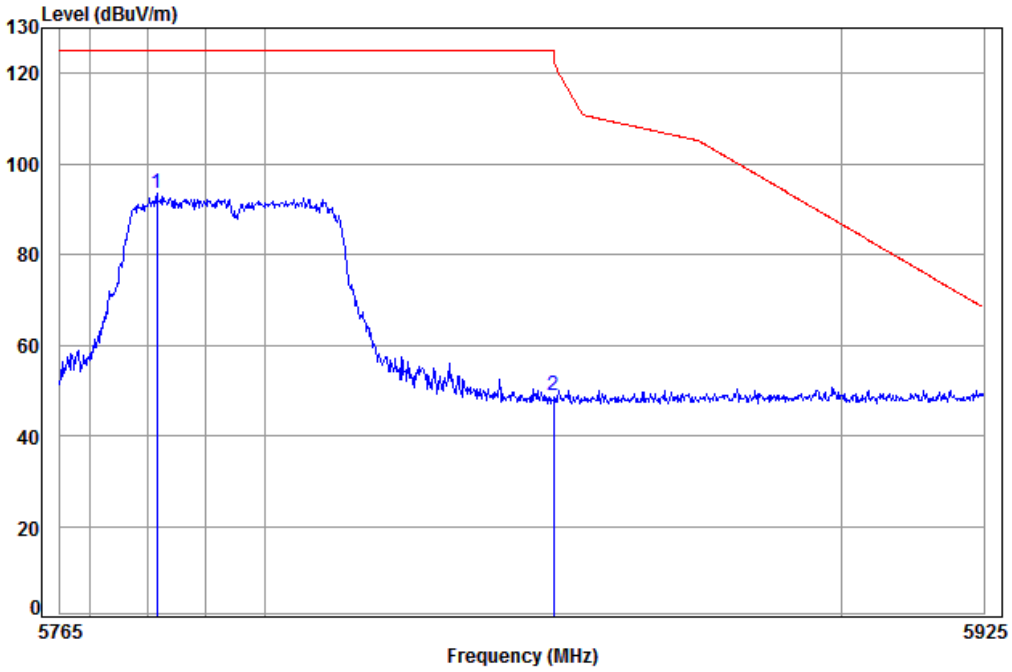
Test mode:	802.11ac(HT40)	Frequency(MHz):	5795	Vertical



Condition: 3m Vertical
Job No: : 6309RG
Mode: : 5795 Band edge
: AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5790.307	8.55	34.58	39.02	97.12	101.23	125.20	-23.97	Peak
2	5850.000	8.60	34.61	39.01	46.56	50.76	122.20	-71.44	Peak

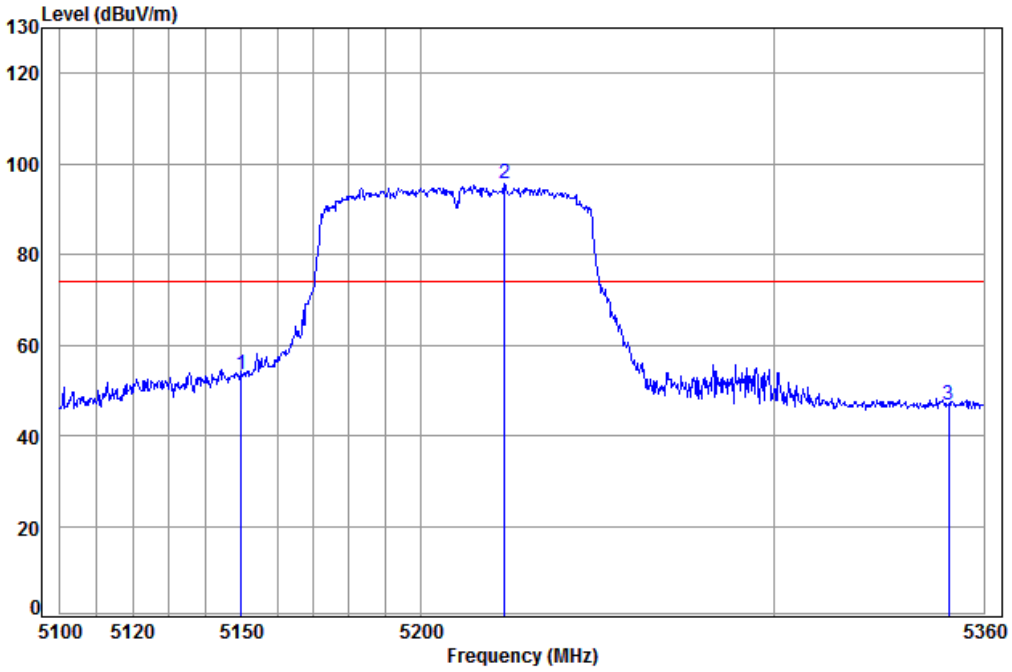
Test mode:	802.11ac(HT40)	Frequency(MHz):	5795	Horizontal



Condition: 3m Horizontal
Job No: : 6309RG
Mode: : 5795 Band edge
: AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5781.595	8.54	34.57	39.02	89.46	93.55	125.20	-31.65	Peak
2	5850.000	8.60	34.61	39.01	44.69	48.89	122.20	-73.31	Peak

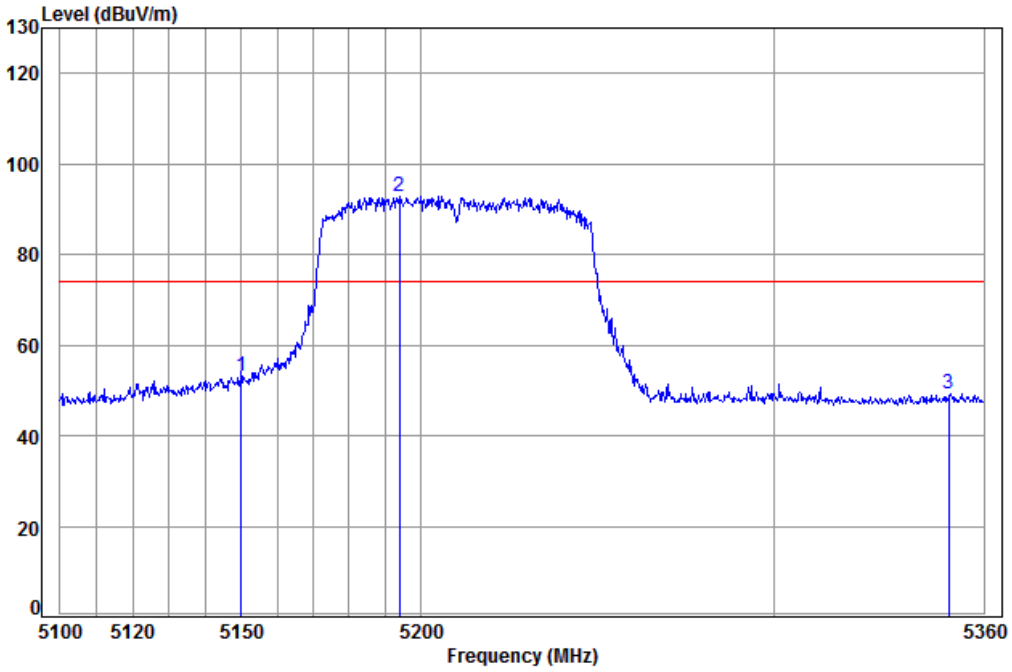
Test mode:	802.11ac(HT80)	Frequency(MHz):	5210	Vertical



Condition: 3m Vertical
Job No: : 6309RG
Mode: : 5210 Band edge
: AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5150.000	8.08	34.47	39.08	49.87	53.34	74.00	-20.66	Peak
2 pp	5223.447	8.11	34.45	39.08	92.09	95.57	74.00	21.57	Peak
3	5350.000	8.18	34.43	39.06	43.30	46.85	74.00	-27.15	Peak

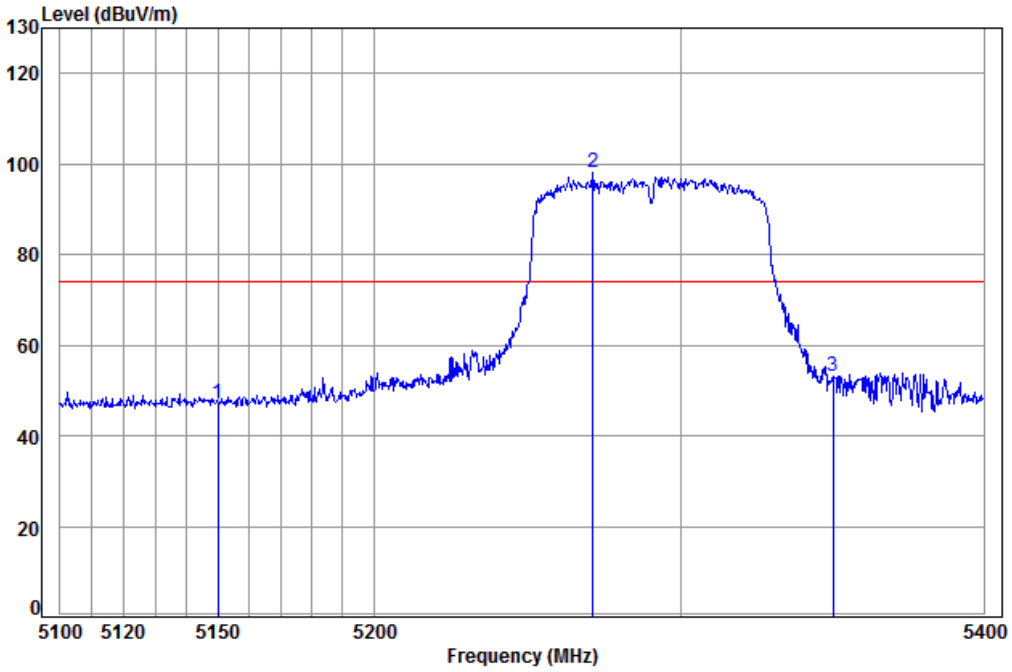
Test mode:	802.11ac(HT80)	Frequency(MHz):	5210	Horizontal



Condition: 3m Horizontal
Job No: : 6309RG
Mode: : 5210 Band edge
: AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5150.000	8.08	34.47	39.08	49.62	53.09	74.00	-20.91	Peak
2 pp	5193.922	8.10	34.46	39.08	89.36	92.84	74.00	18.84	Peak
3	5350.000	8.18	34.43	39.06	45.83	49.38	74.00	-24.62	Peak

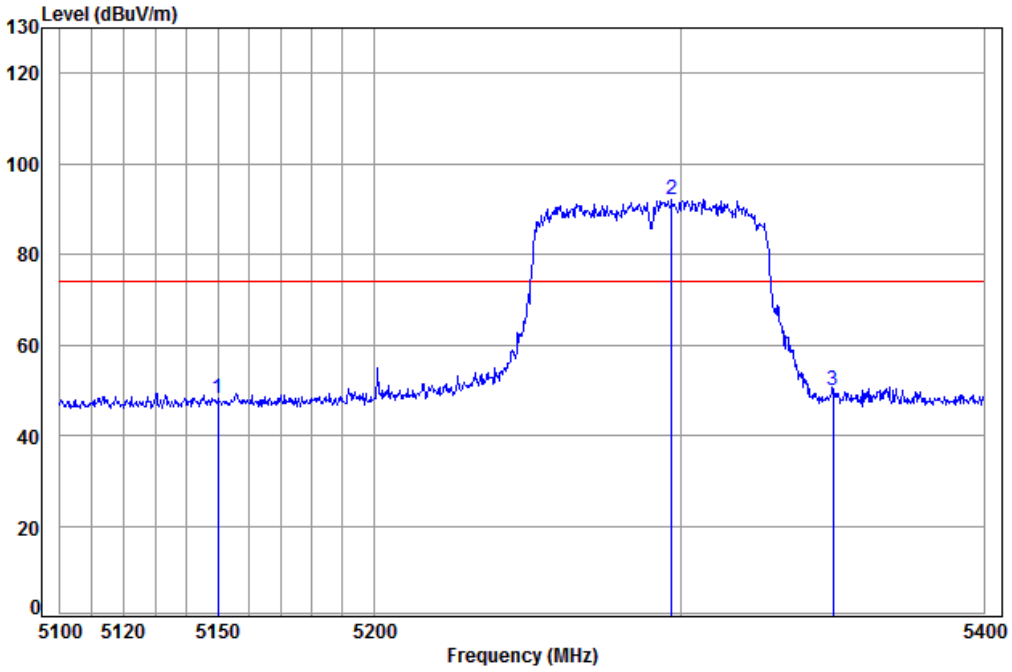
Test mode:	802.11ac(HT80)	Frequency(MHz):	5290	Vertical



Condition: 3m Vertical
Job No: : 6309RG
Mode: : 5290 Band edge
: AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5150.000	8.08	34.47	39.08	43.69	47.16	74.00	-26.84	Peak
2 pp	5271.004	8.14	34.44	39.07	94.68	98.19	74.00	24.19	Peak
3	5350.000	8.18	34.43	39.06	49.70	53.25	74.00	-20.75	Peak

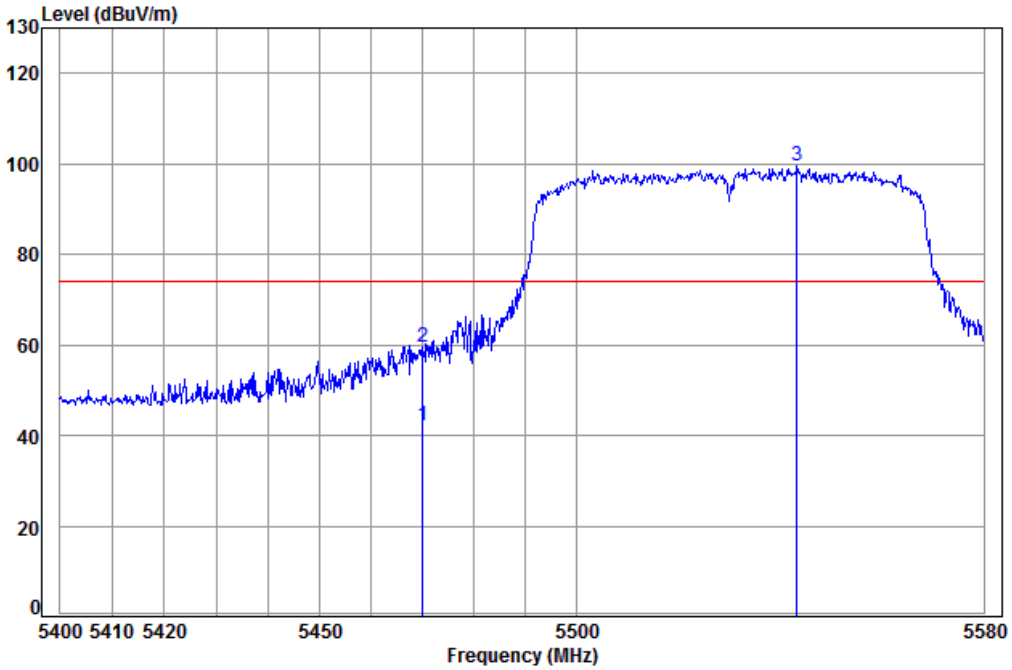
Test mode:	802.11ac(HT80)	Frequency(MHz):	5290	Horizontal



Condition: 3m Horizontal
Job No: : 6309RG
Mode: : 5290 Band edge
: AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5150.000	8.08	34.47	39.08	44.79	48.26	74.00	-25.74	Peak
2 pp	5296.676	8.15	34.44	39.07	88.60	92.12	74.00	18.12	Peak
3	5350.000	8.18	34.43	39.06	46.23	49.78	74.00	-24.22	Peak

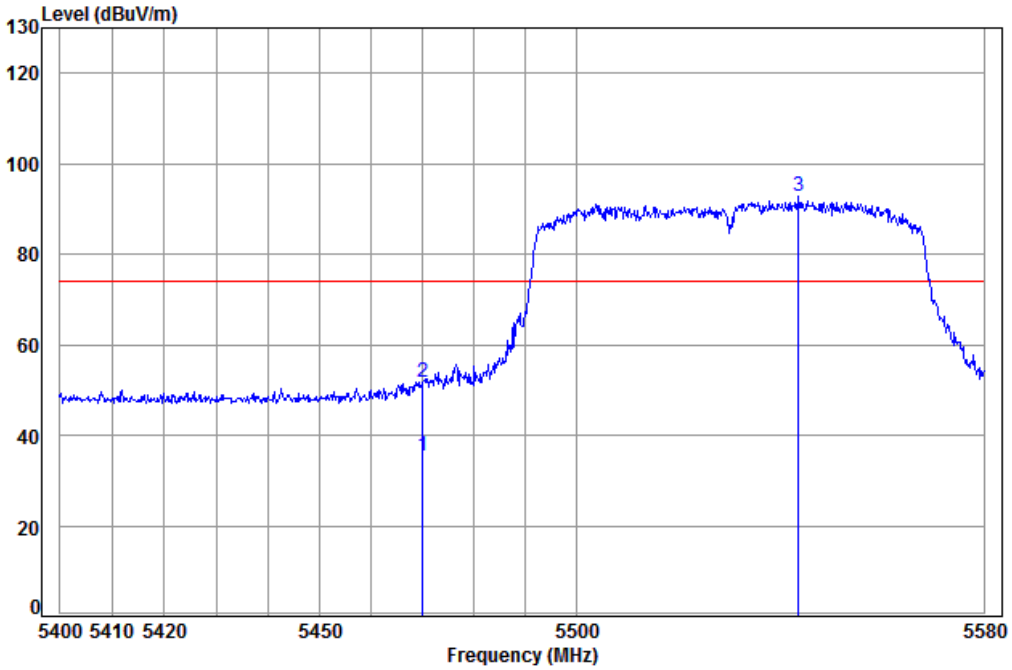
Test mode:	802.11ac(HT80)	Frequency(MHz):	5530	Vertical



Condition: 3m Vertical
Job No: : 6309RG
Mode: : 5530 Band edge
: AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	av 5470.000	8.24	34.41	39.05	38.49	42.09	54.00	-11.91	Average
2	5470.000	8.24	34.41	39.05	55.77	59.37	74.00	-14.63	Peak
3	pp 5543.163	8.29	34.43	39.04	96.03	99.71	74.00	25.71	Peak

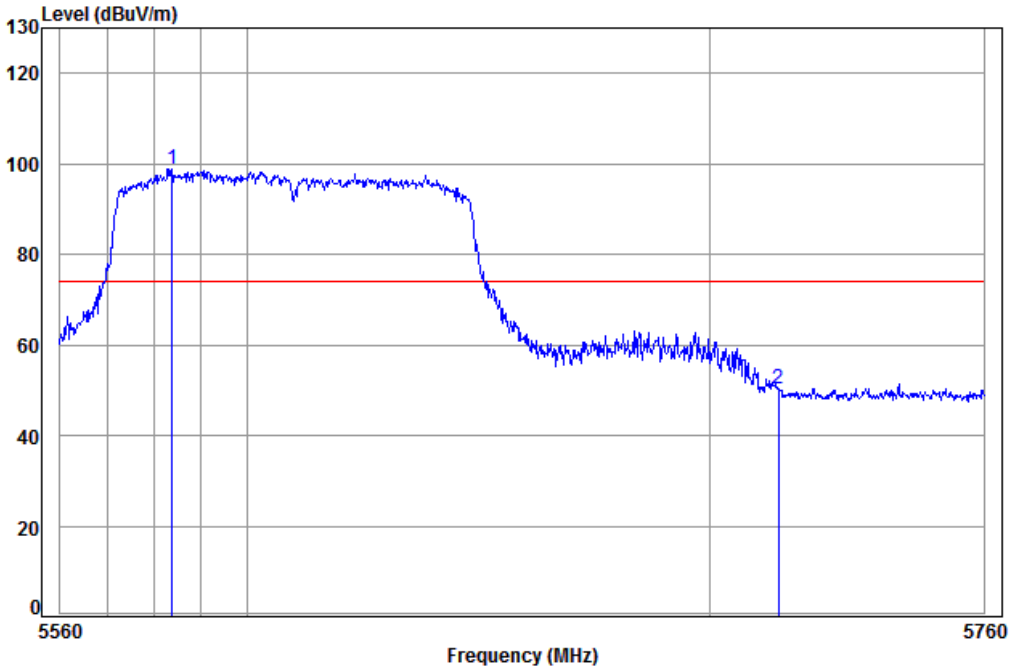
Test mode:	802.11ac(HT80)	Frequency(MHz):	5530	Horizontal



Condition: 3m Horizontal
Job No: : 6309RG
Mode: : 5530 Band edge
: AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	av 5470.000	8.24	34.41	39.05	31.99	35.59	54.00	-18.41	Average
2	5470.000	8.24	34.41	39.05	48.24	51.84	74.00	-22.16	Peak
3	pp 5543.526	8.30	34.43	39.04	89.04	92.73	74.00	18.73	Peak

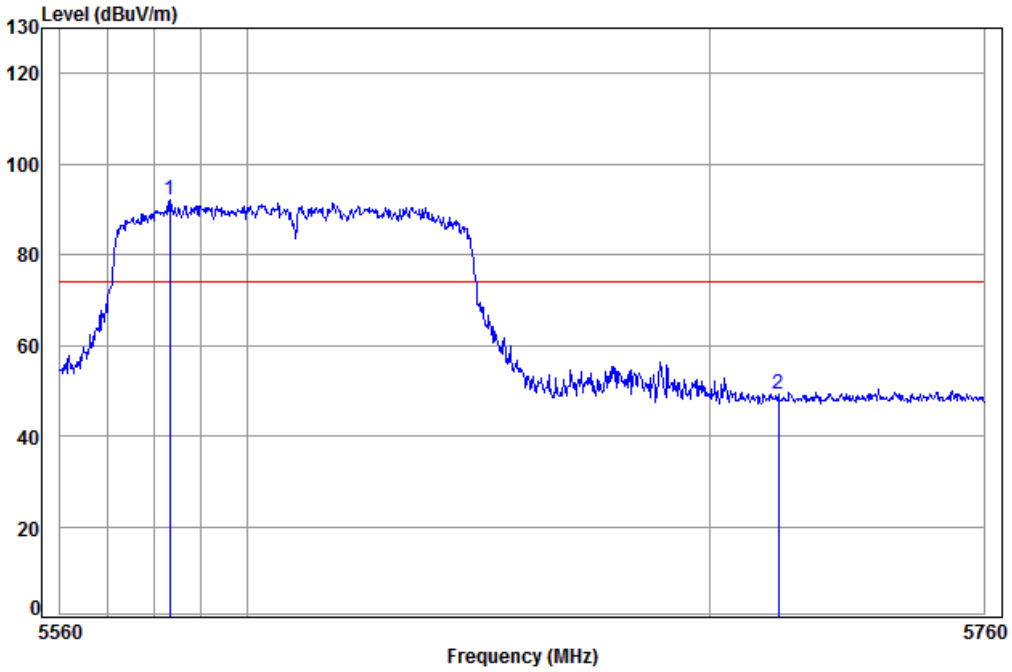
Test mode:	802.11ac(HT80)	Frequency(MHz):	5690	Vertical



Condition: 3m Vertical
Job No: : 6309RG
Mode: : 5690 Band edge
: AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5583.826	8.34	34.45	39.04	95.24	98.99	74.00	24.99	Peak
2	5715.000	8.47	34.53	39.03	46.49	50.46	74.00	-23.54	Peak

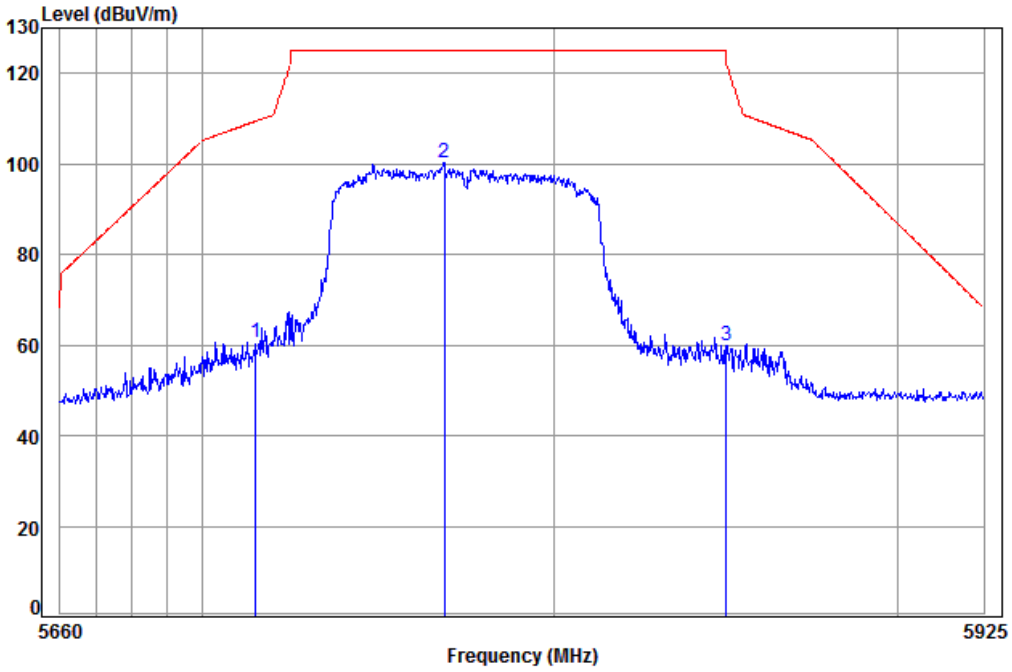
Test mode:	802.11ac(HT80)	Frequency(MHz):	5690	Horizontal



Condition: 3m Horizontal
Job No: : 6309RG
Mode: : 5690 Band edge
: AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5583.431	8.34	34.45	39.04	88.39	92.14	74.00	18.14	Peak
2	5715.000	8.47	34.53	39.03	45.28	49.25	74.00	-24.75	Peak

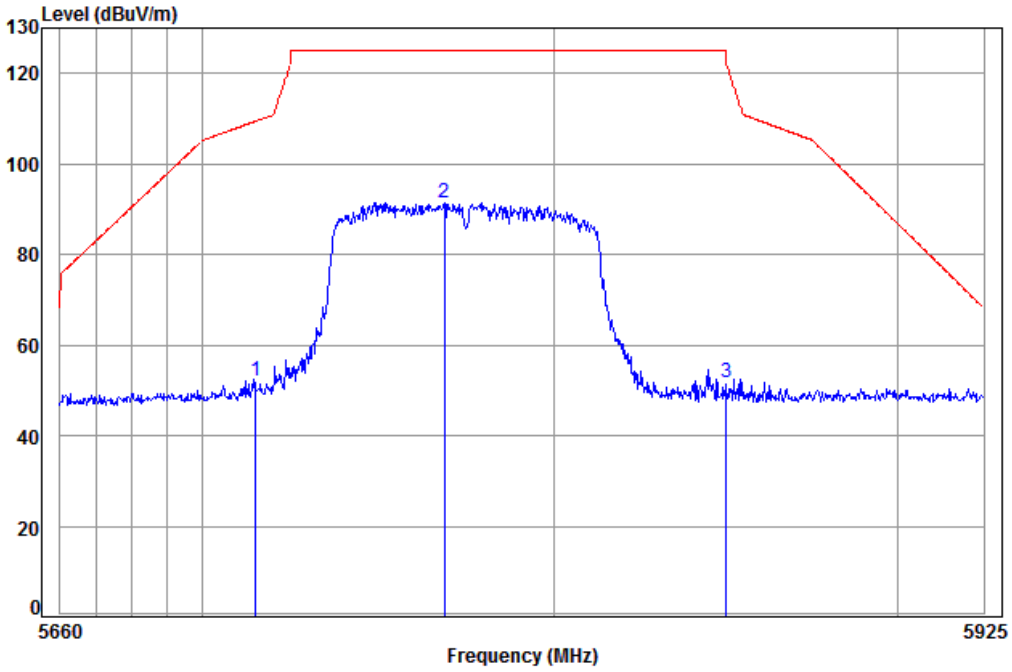
Test mode:	802.11ac(HT40)	Frequency(MHz):	5775	Vertical



Condition: 3m Vertical
Job No: : 6309RG
Mode: : 5775 Band edge
: AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5715.000	8.47	34.53	39.03	56.54	60.51	109.40	-48.89	Peak
2 pp	5768.769	8.52	34.56	39.02	96.11	100.17	125.20	-25.03	Peak
3	5850.000	8.60	34.61	39.01	55.74	59.94	122.20	-62.26	Peak

Test mode:	802.11ac(HT40)	Frequency(MHz):	5775	Horizontal



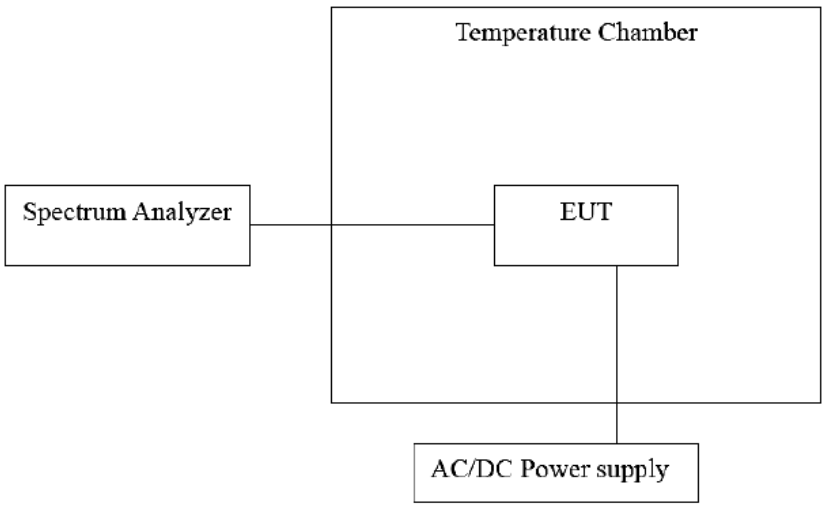
Condition: 3m Horizontal
Job No: : 6309RG
Mode: : 5775 Band edge
: AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5715.000	8.47	34.53	39.03	48.05	52.02	109.40	-57.38	Peak
2 pp	5768.769	8.52	34.56	39.02	87.49	91.55	125.20	-33.65	Peak
3	5850.000	8.60	34.61	39.01	47.58	51.78	122.20	-70.42	Peak

Note:
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 + Antenna Factor + Cable Factor – Preamplifier Factor

6.10 Frequency Stability

Test Requirement:	47 CFR Part 15 Section 15.407(g)
Test Method:	ANSI C63.10: 2013
Test Setup:	
Limit:	The frequency tolerance shall be maintained within the band of operation frequency over a temperature variation of 0 degrees to 35 degrees C at normal supply voltage, and for a variation in the primary supply voltage from 85% to 115% of the rated supply voltage at a temperature of 20 degrees C.
Test Procedure:	a. The EUT was placed inside the environmental test chamber and powered by nominal AC/DC voltage. b. Turn the EUT on and couple its output to a spectrum analyzer. c. Turn the EUT off and set the chamber to the highest temperature specified. d. Allow sufficient time (approximately 30 min) for the temperature of the chamber to stabilize. e. Repeat step 2 and 3 with the temperature chamber set to the lowest temperature. f. The test chamber was allowed to stabilize at +20 degree C for a minimum of 30 minutes. The supply voltage was then adjusted on the EUT from 85% to 115% and the frequency record.
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates.
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCSO of rate is the worst case of 802.11n(HT20); MCSO of rate is the worst case of 802.11n(HT40); MCSO of rate is the worst case of 802.11ac(HT20); MCSO of rate is the worst case of 802.11ac(HT40); MCSO of rate is the worst case of 802.11ac(HT80) Only the worst case is recorded in the report.

Test plot as follows:

Test mode:	802.11a	Frequency(MHz):	5180
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5182.3593	Pass
25		5182.3600	Pass
15		5182.3605	Pass
5		5182.3600	Pass
0		5182.3591	Pass
20	102	5182.3594	Pass
	120	5182.3600	Pass
	138	5182.3606	Pass

Test mode:	802.11a	Frequency(MHz):	5200
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5202.4795	Pass
25		5202.4800	Pass
15		5202.4807	Pass
5		5202.4806	Pass
0		5202.4796	Pass
20	102	5202.4797	Pass
	120	5202.4800	Pass
	138	5202.4805	Pass

Test mode:	802.11a	Frequency(MHz):	5240
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5242.4595	Pass
25		5242.4600	Pass
15		5242.4609	Pass
5		5242.4608	Pass
0		5242.4604	Pass
20	102	5242.4597	Pass
	120	5242.4600	Pass
	138	5242.4609	Pass

Test mode:	802.11a	Frequency(MHz):	5260
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5262.4593	Pass
25		5262.4600	Pass
15		5262.4605	Pass
5		5262.4598	Pass
0		5262.4592	Pass
20	102	5262.4595	Pass
	120	5262.4600	Pass
	138	5262.4602	Pass

Test mode:	802.11a	Frequency(MHz):	5300
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5302.6390	Pass
25		5302.6400	Pass
15		5302.6409	Pass
5		5302.6399	Pass
0		5302.6397	Pass
20	102	5302.6391	Pass
	120	5302.6400	Pass
	138	5302.6402	Pass

Test mode:	802.11a	Frequency(MHz):	5320
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5322.5391	Pass
25		5322.5400	Pass
15		5322.5408	Pass
5		5322.5405	Pass
0		5322.5402	Pass
20	102	5322.5395	Pass
	120	5322.5400	Pass
	138	5322.5402	Pass

Test mode:	802.11a	Frequency(MHz):	5500
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5506.8095	Pass
25		5506.8100	Pass
15		5506.8102	Pass
5		5506.8100	Pass
0		5506.8095	Pass
20	102	5506.8097	Pass
	120	5506.8100	Pass
	138	5506.8108	Pass

Test mode:	802.11a	Frequency(MHz):	5600
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5606.8597	Pass
25		5606.8600	Pass
15		5606.8604	Pass
5		5606.8594	Pass
0		5606.8590	Pass
20	102	5606.8594	Pass
	120	5606.8600	Pass
	138	5606.8602	Pass

Test mode:	802.11a	Frequency(MHz):	5700
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5706.8793	Pass
25		5706.8800	Pass
15		5706.8805	Pass
5		5706.8797	Pass
0		5706.8794	Pass
20	102	5706.8799	Pass
	120	5706.8800	Pass
	138	5706.8810	Pass

Test mode:	802.11a	Frequency(MHz):	5745
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5751.1195	Pass
25		5751.1200	Pass
15		5751.1206	Pass
5		5751.1198	Pass
0		5751.1197	Pass
20	102	5751.1195	Pass
	120	5751.1200	Pass
	138	5751.1203	Pass

Test mode:	802.11a	Frequency(MHz):	5785
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5791.8312	Pass
25		5791.8320	Pass
15		5791.8328	Pass
5		5791.8318	Pass
0		5791.8309	Pass
20	102	5791.8316	Pass
	120	5791.8320	Pass
	138	5791.8323	Pass

Test mode:	802.11a	Frequency(MHz):	5825
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5825.5591	Pass
25		5825.5600	Pass
15		5825.5603	Pass
5		5825.5601	Pass
0		5825.5597	Pass
20	102	5825.5598	Pass
	120	5825.5600	Pass
	138	5825.5602	Pass

Test mode:	802.11n(HT20)	Frequency(MHz):	5180
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5174.8592	Pass
25		5174.8600	Pass
15		5174.8607	Pass
5		5174.8603	Pass
0		5174.8602	Pass
20	102	5174.8598	Pass
	120	5174.8600	Pass
	138	5174.8608	Pass

Test mode:	802.11n(HT20)	Frequency(MHz):	5200
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5194.4496	Pass
25		5194.4500	Pass
15		5194.4508	Pass
5		5194.4506	Pass
0		5194.4505	Pass
20	102	5194.4494	Pass
	120	5194.4500	Pass
	138	5194.4503	Pass

Test mode:	802.11n(HT20)	Frequency(MHz):	5240
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5234.2893	Pass
25		5234.2900	Pass
15		5234.2908	Pass
5		5234.2899	Pass
0		5234.2898	Pass
20	102	5234.2890	Pass
	120	5234.2900	Pass
	138	5234.2903	Pass

Test mode:	802.11n(HT20)	Frequency(MHz):	5260
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5253.4291	Pass
25		5253.4300	Pass
15		5253.4308	Pass
5		5253.4300	Pass
0		5253.4298	Pass
20	102	5253.4296	Pass
	120	5253.4300	Pass
	138	5253.4308	Pass

Test mode:	802.11n(HT20)	Frequency(MHz):	5300
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5293.6991	Pass
25		5293.7000	Pass
15		5293.7009	Pass
5		5293.7002	Pass
0		5293.6999	Pass
20	102	5293.6995	Pass
	120	5293.7000	Pass
	138	5293.7008	Pass

Test mode:	802.11n(HT20)	Frequency(MHz):	5320
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5313.8192	Pass
25		5313.8200	Pass
15		5313.8205	Pass
5		5313.8199	Pass
0		5313.8198	Pass
20	102	5313.8194	Pass
	120	5313.8200	Pass
	138	5313.8204	Pass

Test mode:	802.11n(HT20)	Frequency(MHz):	5500
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5497.1094	Pass
25		5497.1100	Pass
15		5497.1103	Pass
5		5497.1096	Pass
0		5497.1093	Pass
20	102	5497.1095	Pass
	120	5497.1100	Pass
	138	5497.1110	Pass

Test mode:	802.11n(HT20)	Frequency(MHz):	5600
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5596.2096	Pass
25		5596.2100	Pass
15		5596.2110	Pass
5		5596.2106	Pass
0		5596.2104	Pass
20	102	5596.2091	Pass
	120	5596.2100	Pass
	138	5596.2103	Pass

Test mode:	802.11n(HT20)	Frequency(MHz):	5700
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5693.6399	Pass
25		5693.6400	Pass
15		5693.6405	Pass
5		5693.6400	Pass
0		5693.6391	Pass
20	102	5693.6391	Pass
	120	5693.6400	Pass
	138	5693.6408	Pass

Test mode:	802.11n(HT20)	Frequency(MHz):	5745
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5744.1896	Pass
25		5744.1900	Pass
15		5744.1902	Pass
5		5744.1893	Pass
0		5744.1887	Pass
20	102	5744.1897	Pass
	120	5744.1900	Pass
	138	5744.1906	Pass

Test mode:	802.11n(HT20)	Frequency(MHz):	5785
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5784.8694	Pass
25		5784.8700	Pass
15		5784.8703	Pass
5		5784.8700	Pass
0		5784.8691	Pass
20	102	5784.8691	Pass
	120	5784.8700	Pass
	138	5784.8707	Pass

Test mode:	802.11n(HT20)	Frequency(MHz):	5825
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5818.6695	Pass
25		5818.6700	Pass
15		5818.6707	Pass
5		5818.6702	Pass
0		5818.6694	Pass
20	102	5818.6697	Pass
	120	5818.6700	Pass
	138	5818.6703	Pass

Test mode:	802.11n(HT40)	Frequency(MHz):	5190
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5195.8390	Pass
25		5195.8400	Pass
15		5195.8405	Pass
5		5195.8398	Pass
0		5195.8389	Pass
20	102	5195.8395	Pass
	120	5195.8400	Pass
	138	5195.8405	Pass

Test mode:	802.11n(HT40)	Frequency(MHz):	5230
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5235.7795	Pass
25		5235.7800	Pass
15		5235.7806	Pass
5		5235.7801	Pass
0		5235.7795	Pass
20	102	5235.7798	Pass
	120	5235.7800	Pass
	138	5235.7809	Pass

Test mode:	802.11n(HT40)	Frequency(MHz):	5270
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5254.9396	Pass
25		5254.9400	Pass
15		5254.9406	Pass
5		5254.9402	Pass
0		5254.9397	Pass
20	102	5254.9392	Pass
	120	5254.9400	Pass
	138	5254.9406	Pass

Test mode:	802.11n(HT40)	Frequency(MHz):	5310
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5294.8796	Pass
25		5294.8800	Pass
15		5294.8801	Pass
5		5294.8799	Pass
0		5294.8792	Pass
20	102	5294.8797	Pass
	120	5294.8800	Pass
	138	5294.8808	Pass

Test mode:	802.11n(HT40)	Frequency(MHz):	5510
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5494.8791	Pass
25		5494.8800	Pass
15		5494.8808	Pass
5		5494.8799	Pass
0		5494.8795	Pass
20	102	5494.8792	Pass
	120	5494.8800	Pass
	138	5494.8806	Pass

Test mode:	802.11n(HT40)	Frequency(MHz):	5590
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5599.9596	Pass
25		5599.9600	Pass
15		5599.9602	Pass
5		5599.9599	Pass
0		5599.9590	Pass
20	102	5599.9595	Pass
	120	5599.9600	Pass
	138	5599.9609	Pass

Test mode:	802.11n(HT40)	Frequency(MHz):	5670
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5679.9595	Pass
25		5679.9600	Pass
15		5679.9604	Pass
5		5679.9602	Pass
0		5679.9599	Pass
20	102	5679.9591	Pass
	120	5679.9600	Pass
	138	5679.9604	Pass

Test mode:	802.11n(HT40)	Frequency(MHz):	5755
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5757.0390	Pass
25		5757.0400	Pass
15		5757.0403	Pass
5		5757.0398	Pass
0		5757.0392	Pass
20	102	5757.0395	Pass
	120	5757.0400	Pass
	138	5757.0406	Pass

Test mode:	802.11n(HT40)	Frequency(MHz):	5795
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5802.2591	Pass
25		5802.2600	Pass
15		5802.2610	Pass
5		5802.2601	Pass
0		5802.2596	Pass
20	102	5802.2595	Pass
	120	5802.2600	Pass
	138	5802.2609	Pass

Test mode:	802.11ac(HT20)	Frequency(MHz):	5180
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5174.9599	Pass
25		5174.9600	Pass
15		5174.9607	Pass
5		5174.9598	Pass
0		5174.9595	Pass
20	102	5174.9597	Pass
	120	5174.9600	Pass
	138	5174.9606	Pass

Test mode:	802.11ac(HT20)	Frequency(MHz):	5200
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5194.6598	Pass
25		5194.6600	Pass
15		5194.6610	Pass
5		5194.6607	Pass
0		5194.6598	Pass
20	102	5194.6598	Pass
	120	5194.6600	Pass
	138	5194.6603	Pass

Test mode:	802.11ac(HT20)	Frequency(MHz):	5240
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5234.9294	Pass
25		5234.9300	Pass
15		5234.9304	Pass
5		5234.9298	Pass
0		5234.9294	Pass
20	102	5234.9297	Pass
	120	5234.9300	Pass
	138	5234.9307	Pass

Test mode:	802.11ac(HT20)	Frequency(MHz):	5260
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5253.6695	Pass
25		5253.6700	Pass
15		5253.6709	Pass
5		5253.6708	Pass
0		5253.6699	Pass
20	102	5253.6695	Pass
	120	5253.6700	Pass
	138	5253.6706	Pass

Test mode:	802.11ac(HT20)	Frequency(MHz):	5300
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5293.6998	Pass
25		5293.7000	Pass
15		5293.7006	Pass
5		5293.7003	Pass
0		5293.6995	Pass
20	102	5293.6997	Pass
	120	5293.7000	Pass
	138	5293.7004	Pass

Test mode:	802.11ac(HT20)	Frequency(MHz):	5320
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5313.6993	Pass
25		5313.7000	Pass
15		5313.7008	Pass
5		5313.7006	Pass
0		5313.6996	Pass
20	102	5313.6996	Pass
	120	5313.7000	Pass
	138	5313.7010	Pass

Test mode:	802.11ac(HT20)	Frequency(MHz):	5500
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5493.6992	Pass
25		5493.7000	Pass
15		5493.7008	Pass
5		5493.7003	Pass
0		5493.6995	Pass
20	102	5493.6998	Pass
	120	5493.7000	Pass
	138	5493.7005	Pass

Test mode:	802.11ac(HT20)	Frequency(MHz):	5600
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5593.6991	Pass
25		5593.7000	Pass
15		5593.7009	Pass
5		5593.7005	Pass
0		5593.6996	Pass
20	102	5593.6991	Pass
	120	5593.7000	Pass
	138	5593.7005	Pass

Test mode:	802.11ac(HT20)	Frequency(MHz):	5700
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5693.6997	Pass
25		5693.7000	Pass
15		5693.7005	Pass
5		5693.6996	Pass
0		5693.6993	Pass
20	102	5693.6994	Pass
	120	5693.7000	Pass
	138	5693.7006	Pass

Test mode:	802.11ac(HT20)	Frequency(MHz):	5745
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5744.1899	Pass
25		5744.1900	Pass
15		5744.1904	Pass
5		5744.1901	Pass
0		5744.1899	Pass
20	102	5744.1898	Pass
	120	5744.1900	Pass
	138	5744.1902	Pass

Test mode:	802.11ac(HT20)	Frequency(MHz):	5785
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5784.2196	Pass
25		5784.2200	Pass
15		5784.2202	Pass
5		5784.2199	Pass
0		5784.2195	Pass
20	102	5784.2198	Pass
	120	5784.2200	Pass
	138	5784.2210	Pass

Test mode:	802.11ac(HT20)	Frequency(MHz):	5825
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5818.6995	Pass
25		5818.7000	Pass
15		5818.7009	Pass
5		5818.7003	Pass
0		5818.7000	Pass
20	102	5818.6992	Pass
	120	5818.7000	Pass
	138	5818.7009	Pass

Test mode:	802.11ac(HT40)	Frequency(MHz):	5190
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5195.8193	Pass
25		5195.8200	Pass
15		5195.8203	Pass
5		5195.8200	Pass
0		5195.8190	Pass
20	102	5195.8192	Pass
	120	5195.8200	Pass
	138	5195.8210	Pass

Test mode:	802.11ac(HT40)	Frequency(MHz):	5230
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5235.8192	Pass
25		5235.8200	Pass
15		5235.8203	Pass
5		5235.8202	Pass
0		5235.8197	Pass
20	102	5235.8194	Pass
	120	5235.8200	Pass
	138	5235.8202	Pass

Test mode:	802.11ac(HT40)	Frequency(MHz):	5270
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5279.9598	Pass
25		5279.9600	Pass
15		5279.9608	Pass
5		5279.9602	Pass
0		5279.9600	Pass
20	102	5279.9596	Pass
	120	5279.9600	Pass
	138	5279.9602	Pass

Test mode:	802.11ac(HT40)	Frequency(MHz):	5310
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5294.8796	Pass
25		5294.8800	Pass
15		5294.8805	Pass
5		5294.8801	Pass
0		5294.8794	Pass
20	102	5294.8798	Pass
	120	5294.8800	Pass
	138	5294.8806	Pass

Test mode:	802.11ac(HT40)	Frequency(MHz):	5510
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5523.7397	Pass
25		5523.7400	Pass
15		5523.7402	Pass
5		5523.7395	Pass
0		5523.7386	Pass
20	102	5523.7392	Pass
	120	5523.7400	Pass
	138	5523.7410	Pass

Test mode:	802.11ac(HT40)	Frequency(MHz):	5590
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5603.7391	Pass
25		5603.7400	Pass
15		5603.7410	Pass
5		5603.7406	Pass
0		5603.7396	Pass
20	102	5603.7392	Pass
	120	5603.7400	Pass
	138	5603.7404	Pass

Test mode:	802.11ac(HT40)	Frequency(MHz):	5670
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5683.7392	Pass
25		5683.7400	Pass
15		5683.7409	Pass
5		5683.7401	Pass
0		5683.7399	Pass
20	102	5683.7392	Pass
	120	5683.7400	Pass
	138	5683.7403	Pass

Test mode:	802.11ac(HT40)	Frequency(MHz):	5755
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5757.0392	Pass
25		5757.0400	Pass
15		5757.0405	Pass
5		5757.0403	Pass
0		5757.0396	Pass
20	102	5757.0398	Pass
	120	5757.0400	Pass
	138	5757.0407	Pass

Test mode:	802.11ac(HT40)	Frequency(MHz):	5795
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5797.0996	Pass
25		5797.1000	Pass
15		5797.1009	Pass
5		5797.1007	Pass
0		5797.1000	Pass
20	102	5797.0993	Pass
	120	5797.1000	Pass
	138	5797.1006	Pass

Test mode:	802.11ac(HT80)	Frequency(MHz):	5210
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5175.5592	Pass
25		5175.5600	Pass
15		5175.5602	Pass
5		5175.5595	Pass
0		5175.5586	Pass
20	102	5175.5593	Pass
	120	5175.5600	Pass
	138	5175.5604	Pass

Test mode:	802.11ac(HT80)	Frequency(MHz):	5290
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5254.5994	Pass
25		5254.6000	Pass
15		5254.6004	Pass
5		5254.6000	Pass
0		5254.5992	Pass
20	102	5254.5995	Pass
	120	5254.6000	Pass
	138	5254.6001	Pass

Test mode:	802.11ac(HT80)	Frequency(MHz):	5530
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5494.7197	Pass
25		5494.7200	Pass
15		5494.7209	Pass
5		5494.7205	Pass
0		5494.7202	Pass
20	102	5494.7191	Pass
	120	5494.7200	Pass
	138	5494.7206	Pass

Test mode:	802.11ac(HT80)	Frequency(MHz):	5610
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5474.7196	Pass
25		5474.7200	Pass
15		5474.7210	Pass
5		5474.7206	Pass
0		5474.7201	Pass
20	102	5474.7194	Pass
	120	5474.7200	Pass
	138	5474.7204	Pass

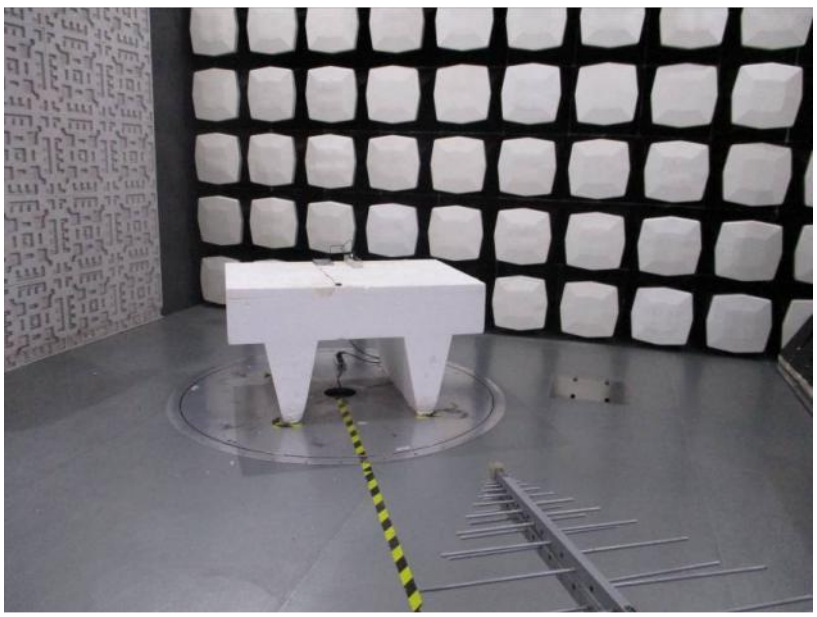
Test mode:	802.11ac(HT80)	Frequency(MHz):	5775
Temperature (℃)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5760.2398	Pass
25		5760.2400	Pass
15		5760.2407	Pass
5		5760.2405	Pass
0		5760.2401	Pass
20	102	5760.2397	Pass
	120	5760.2400	Pass
	138	5760.2408	Pass

7 Photographs - EUT Test Setup

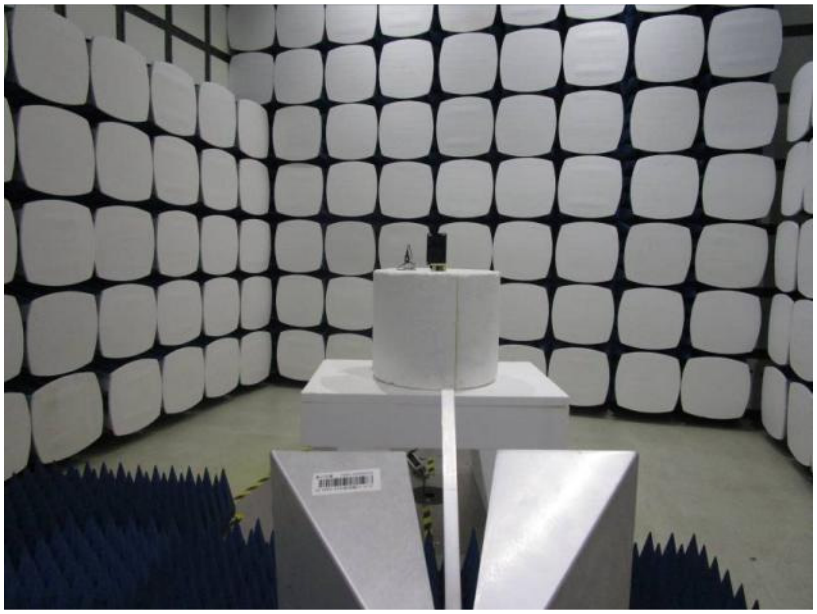
Test model No.: Lenovo TB-8703F

7.1 Conducted Emission

7.2 Radiated Emission



7.3 Radiated Spurious Emission



8 Photographs - EUT Constructional Details

Refer to Appendix A - Photographs of EUT Constructional Details for SZEM1607006309RG.