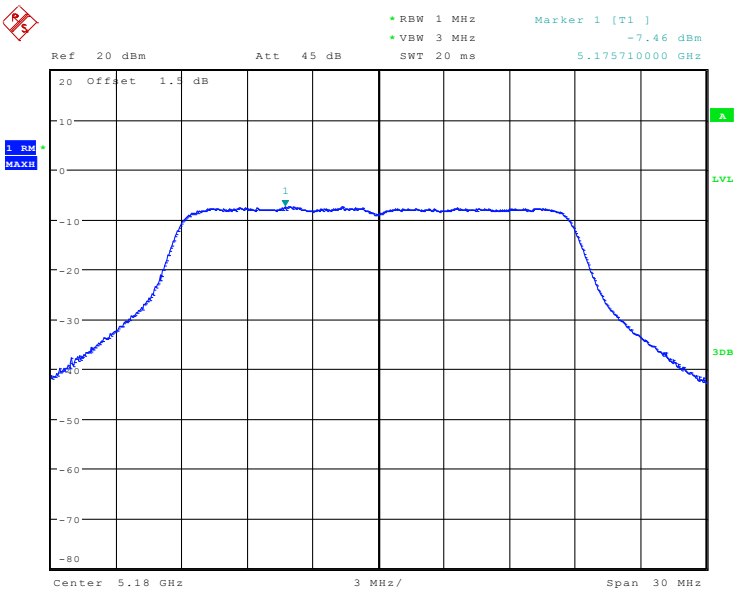
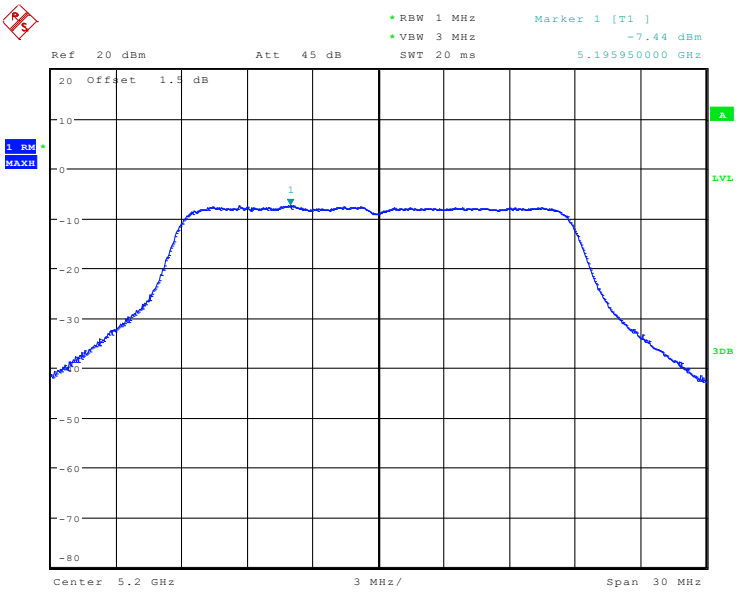
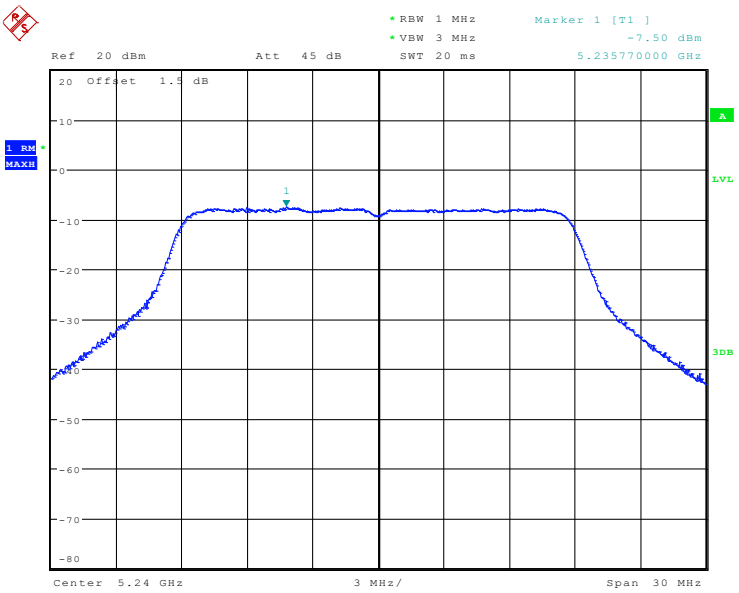
Test mode:	802.11n(HT20)	Frequency(MHz):	5180



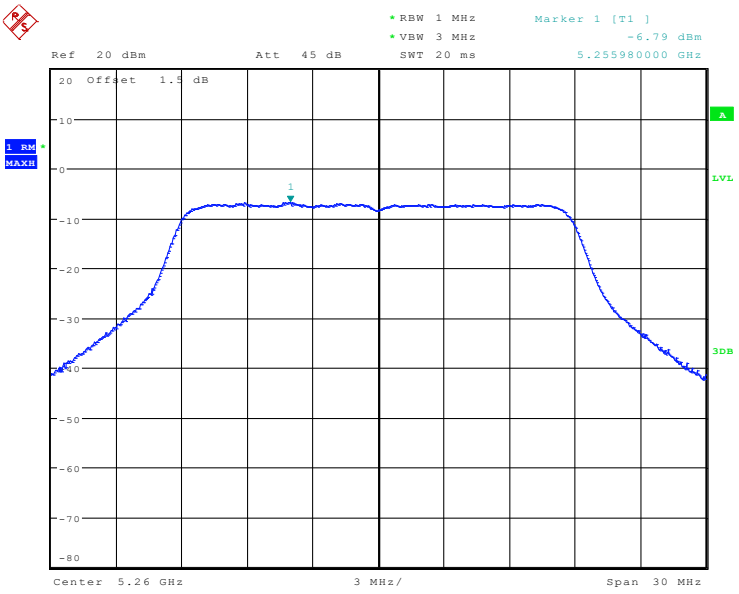
Test mode:	802.11n(HT20)	Frequency(MHz):	5200



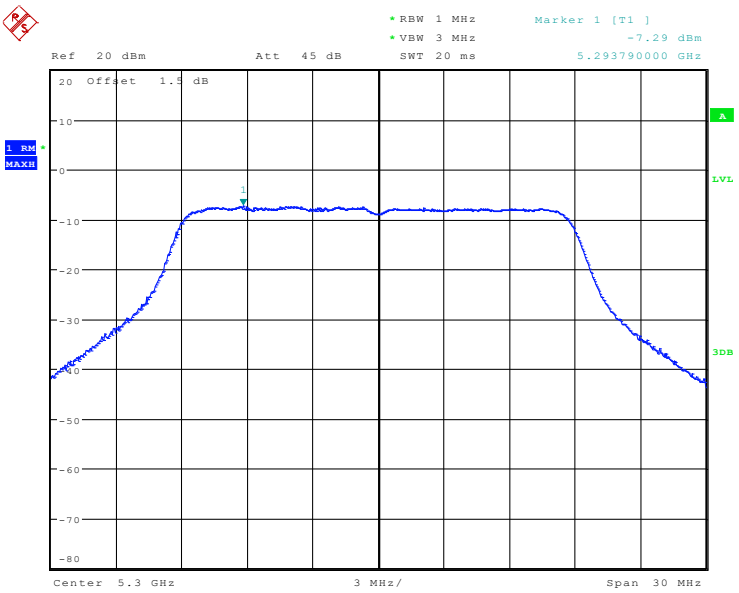
Test mode:	802.11n(HT20)	Frequency(MHz):	5240



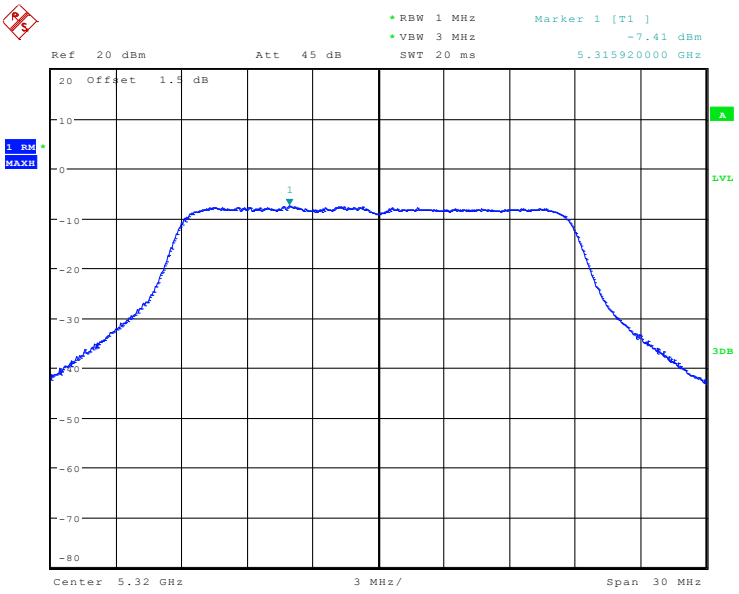
Test mode:	802.11n(HT20)	Frequency(MHz):	5260



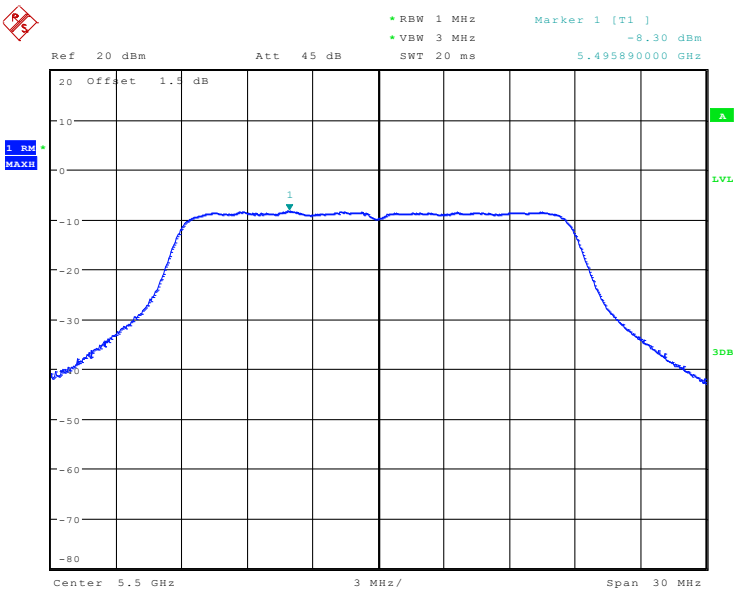
Test mode:	802.11n(HT20)	Frequency(MHz):	5300



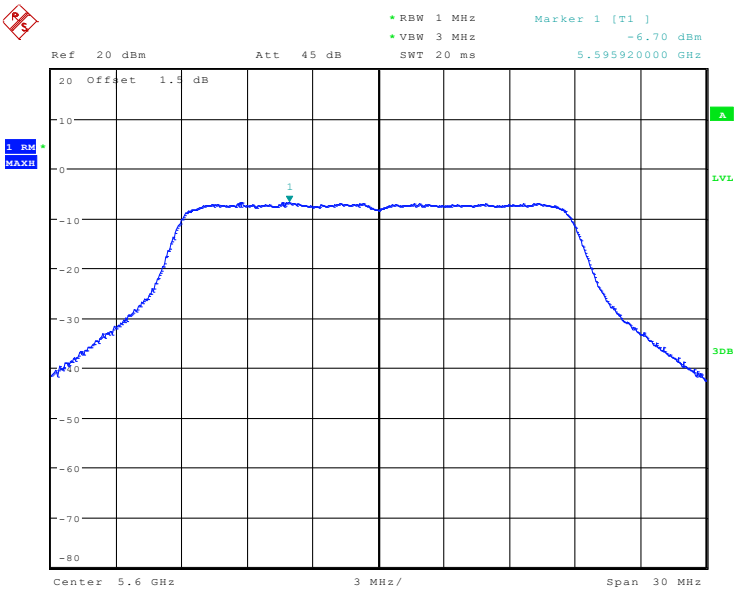
Test mode:	802.11n(HT20)	Frequency(MHz):	5320



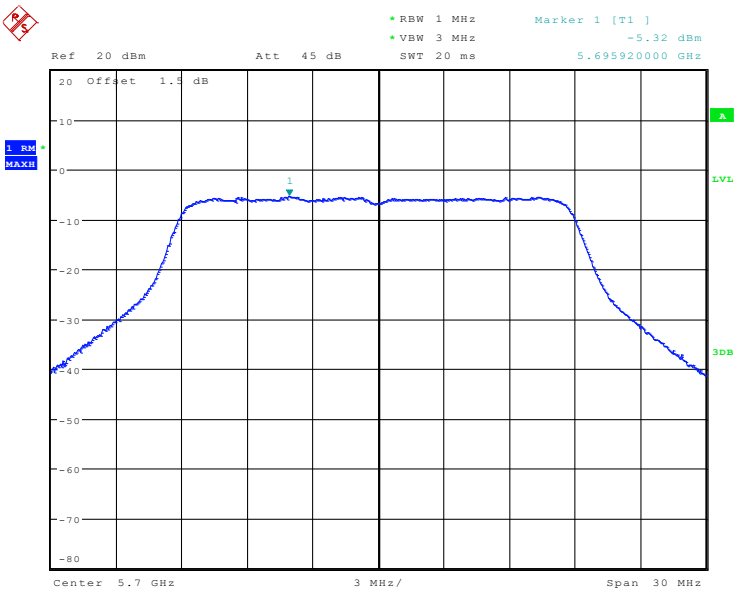
Test mode:	802.11n(HT20)	Frequency(MHz):	5500



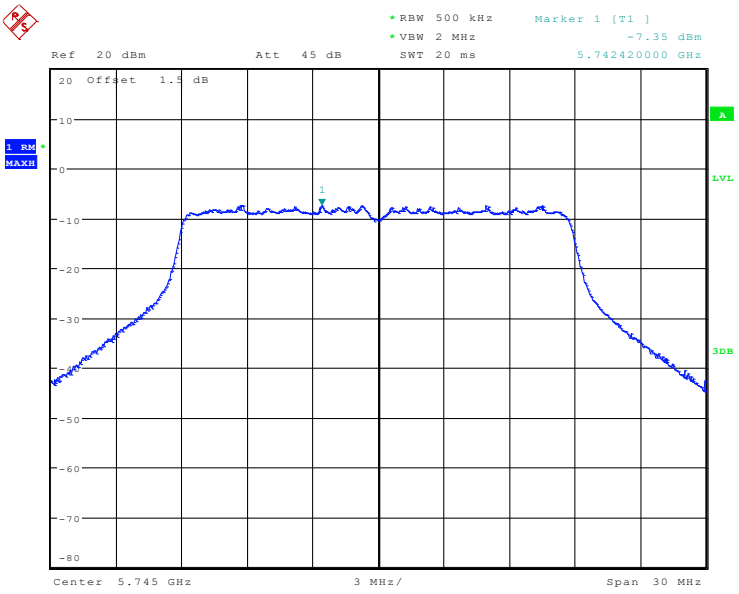
Test mode:	802.11n(HT20)	Frequency(MHz):	5600



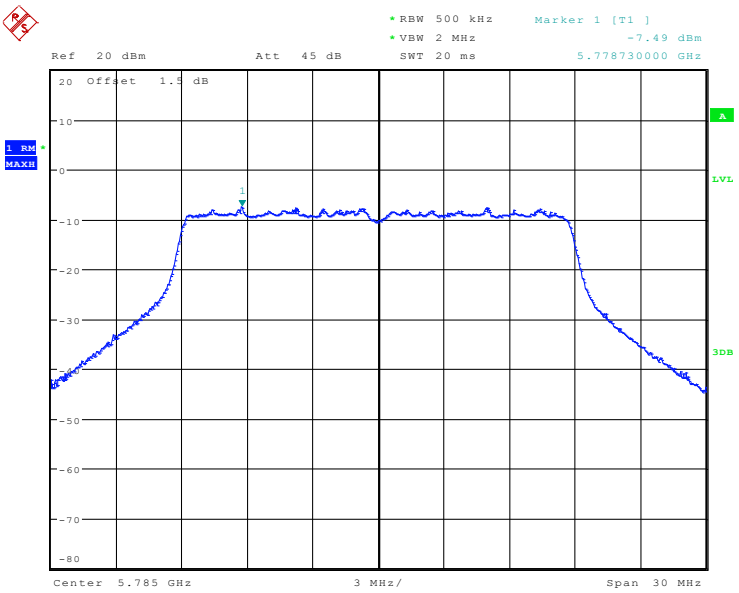
Test mode:	802.11n(HT20)	Frequency(MHz):	5700



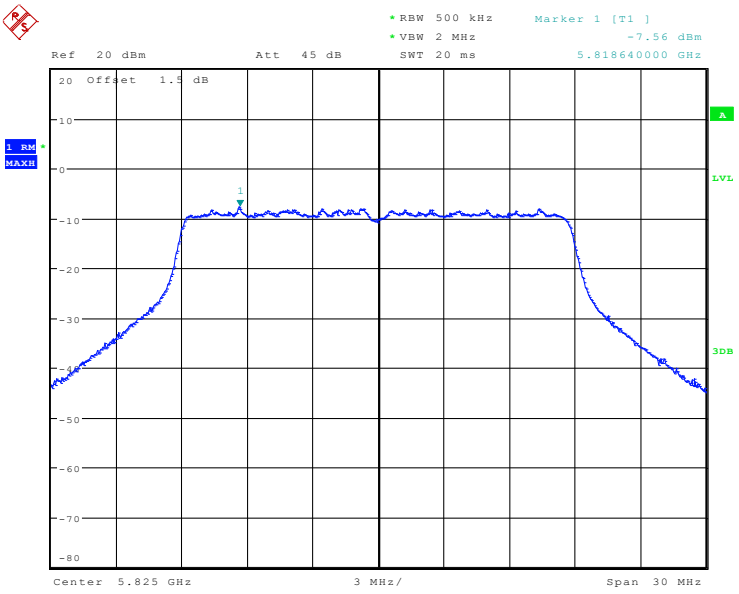
Test mode:	802.11n(HT20)	Frequency(MHz):	5745



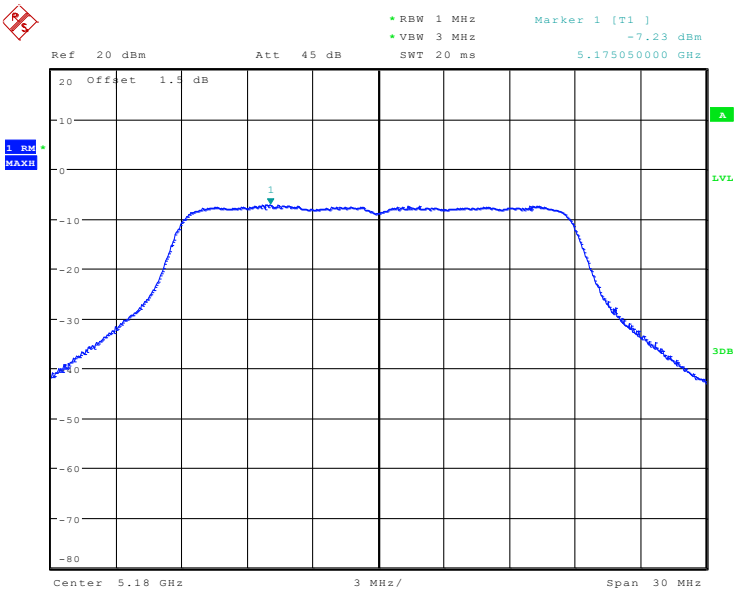
Test mode:	802.11n(HT20)	Frequency(MHz):	5785



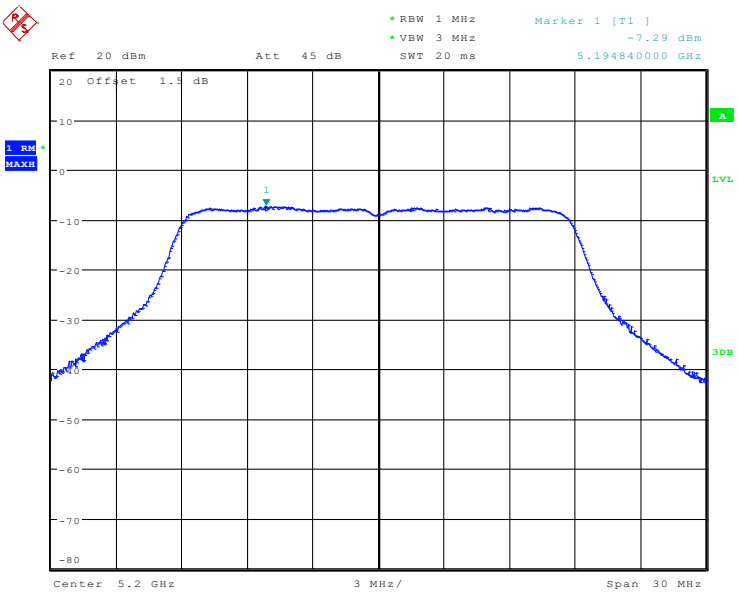
Test mode:	802.11n(HT20)	Frequency(MHz):	5825



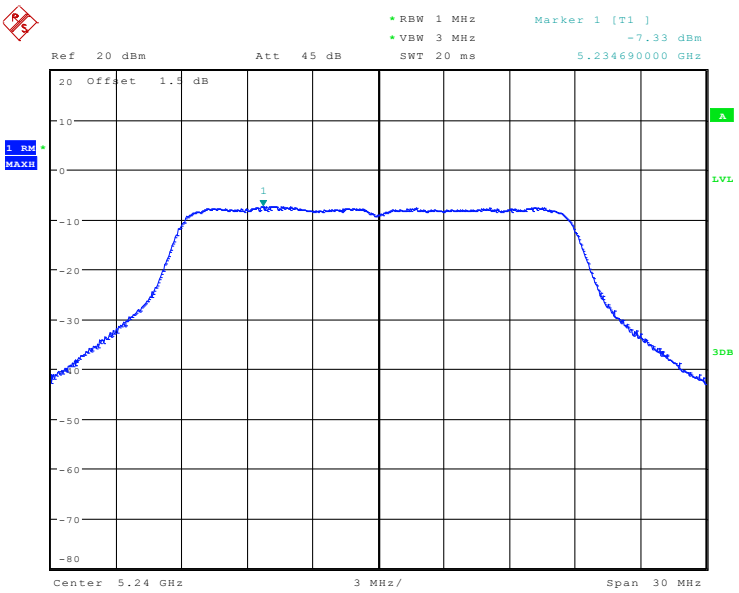
Test mode:	802.11ac20	Frequency(MHz):	5180



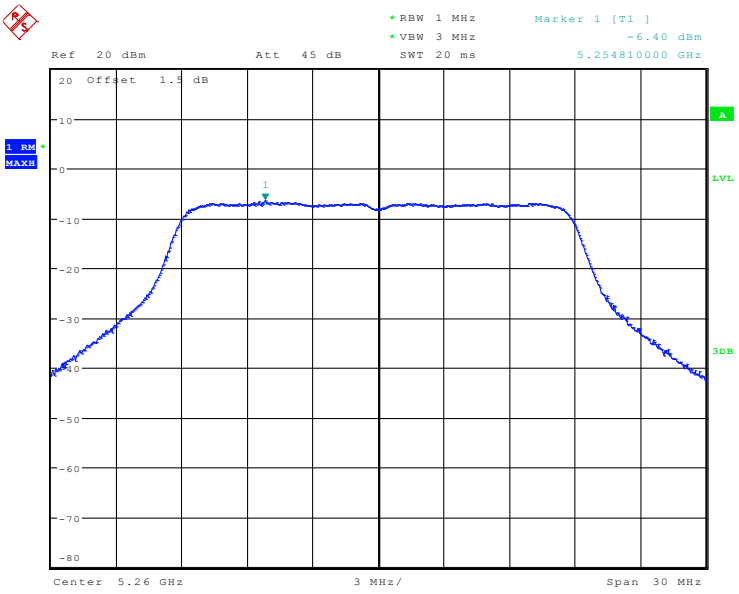
Test mode:	802.11ac20	Frequency(MHz):	5200



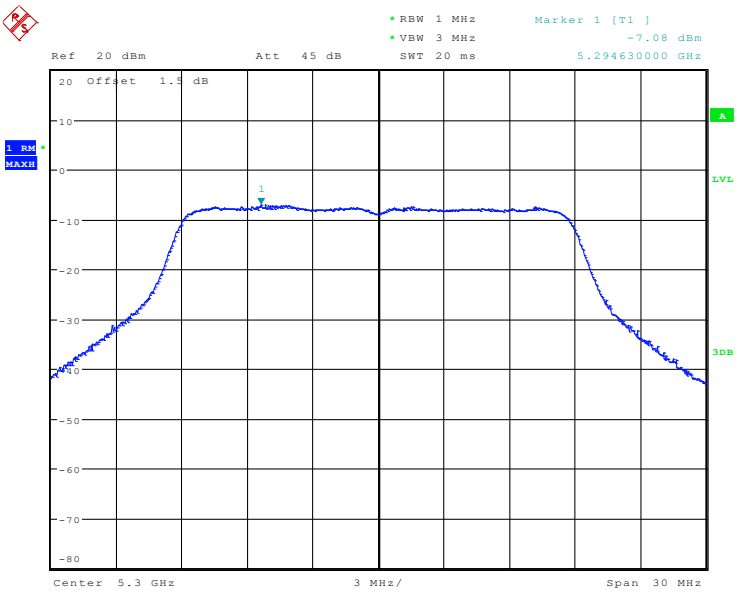
Test mode:	802.11ac20	Frequency(MHz):	5240



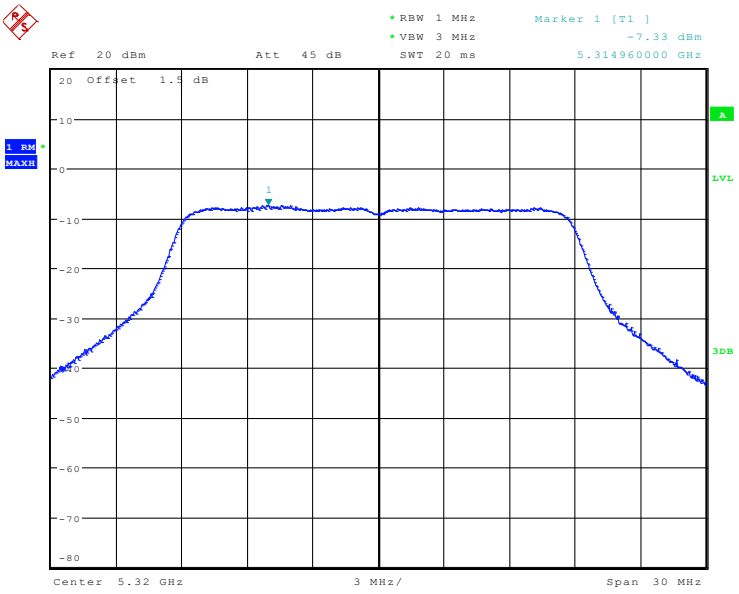
Test mode:	802.11ac20	Frequency(MHz):	5260



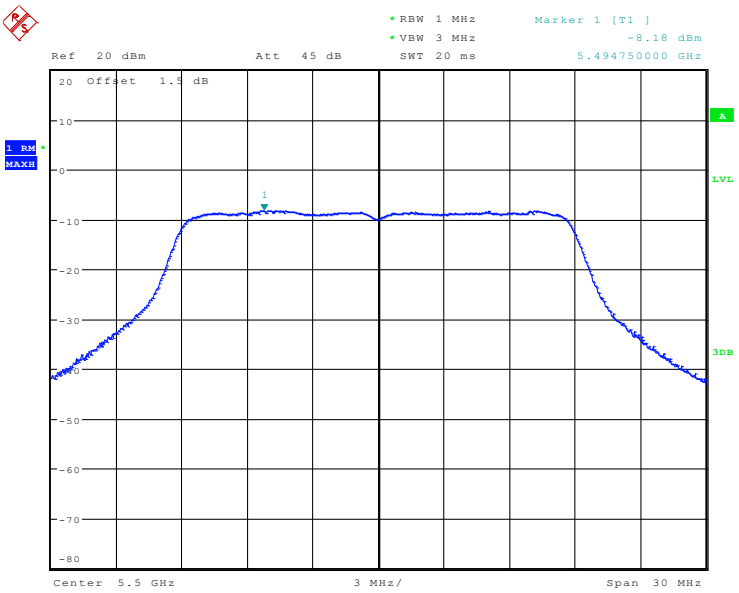
Test mode:	802.11ac20	Frequency(MHz):	5300



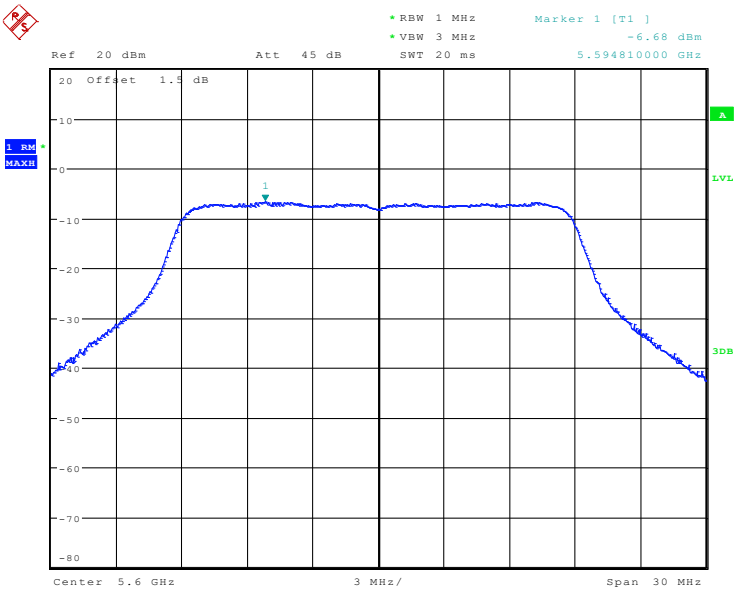
Test mode:	802.11ac20	Frequency(MHz):	5320



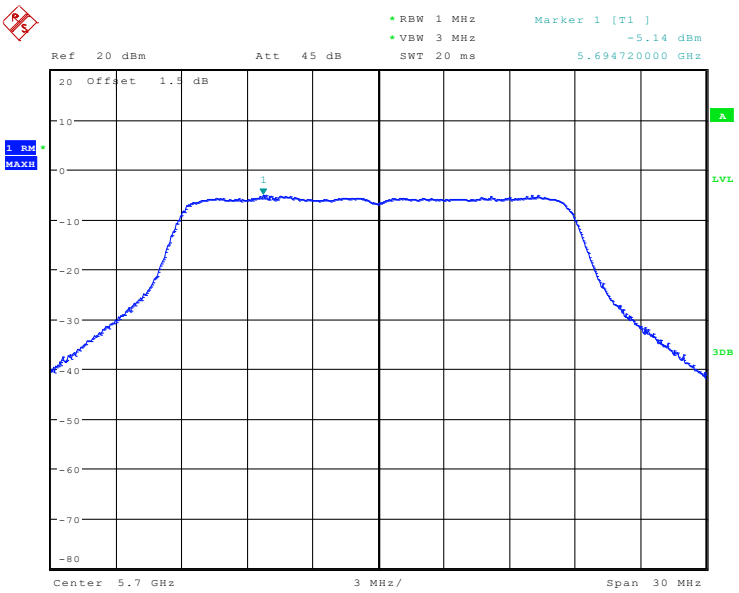
Test mode:	802.11ac20	Frequency(MHz):	5500



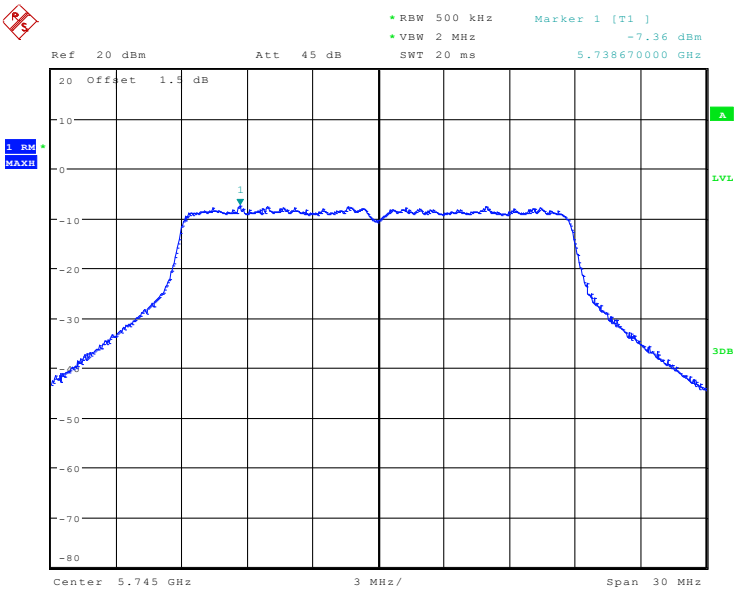
Test mode:	802.11ac20	Frequency(MHz):	5600



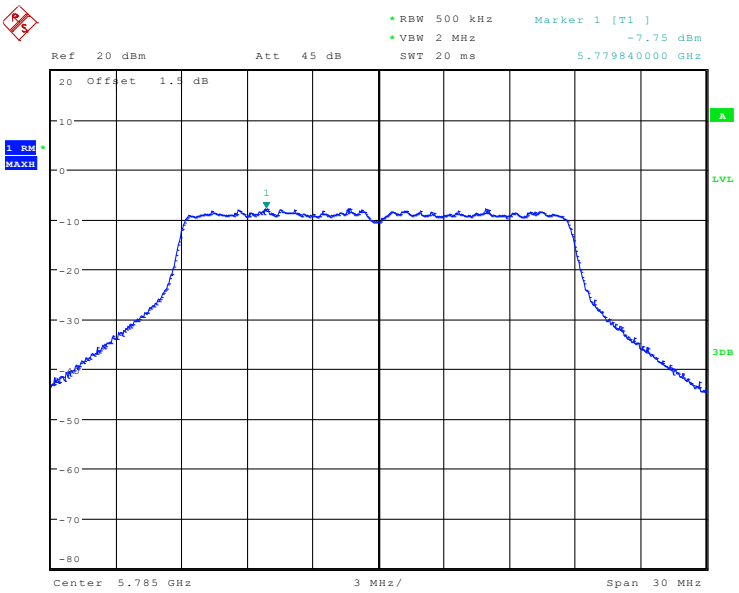
Test mode:	802.11ac20	Frequency(MHz):	5700



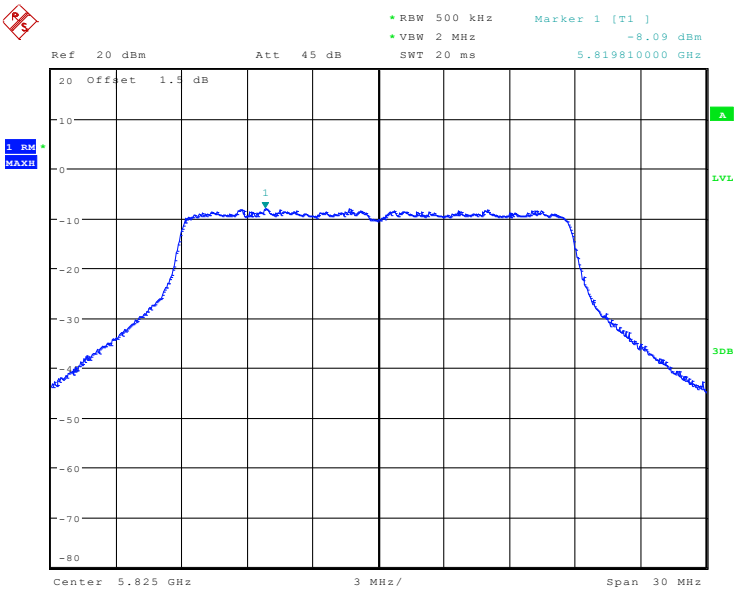
Test mode:	802.11ac20	Frequency(MHz):	5745



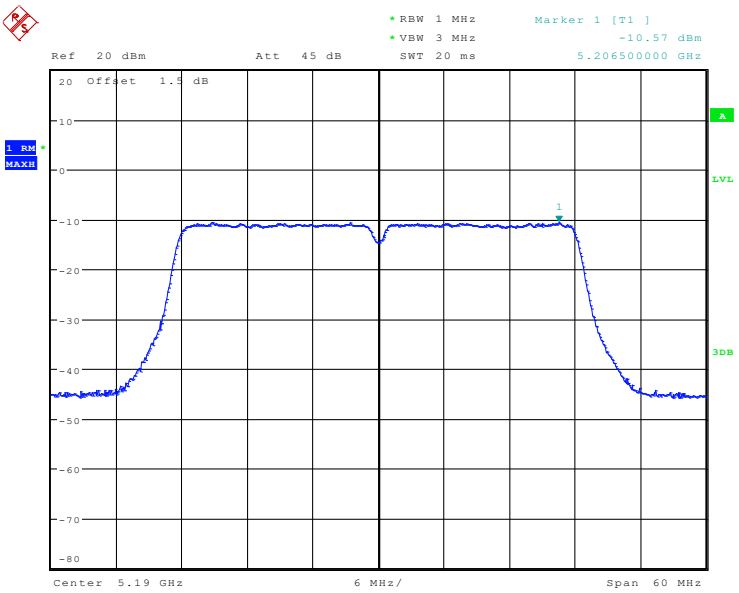
Test mode:	802.11ac20	Frequency(MHz):	5785



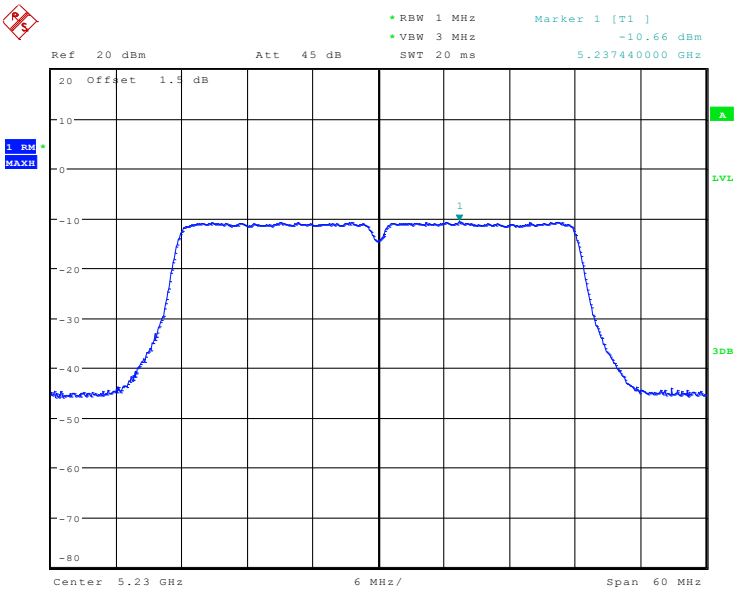
Test mode:	802.11ac20	Frequency(MHz):	5825



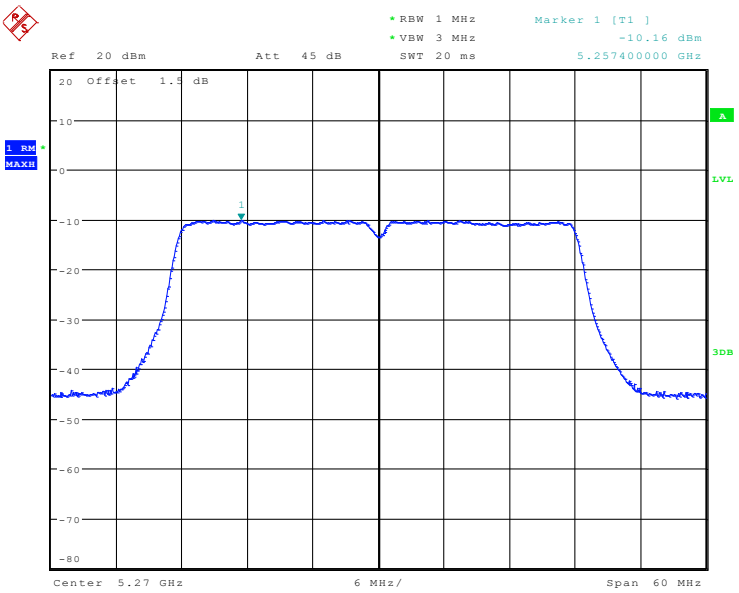
Test mode:	802.11n(HT40)	Frequency(MHz):	5190



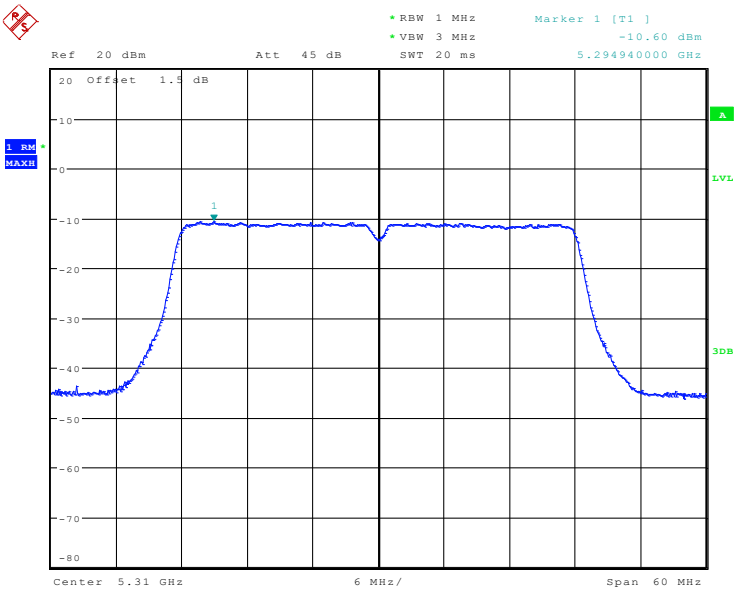
Test mode:	802.11n(HT40)	Frequency(MHz):	5230



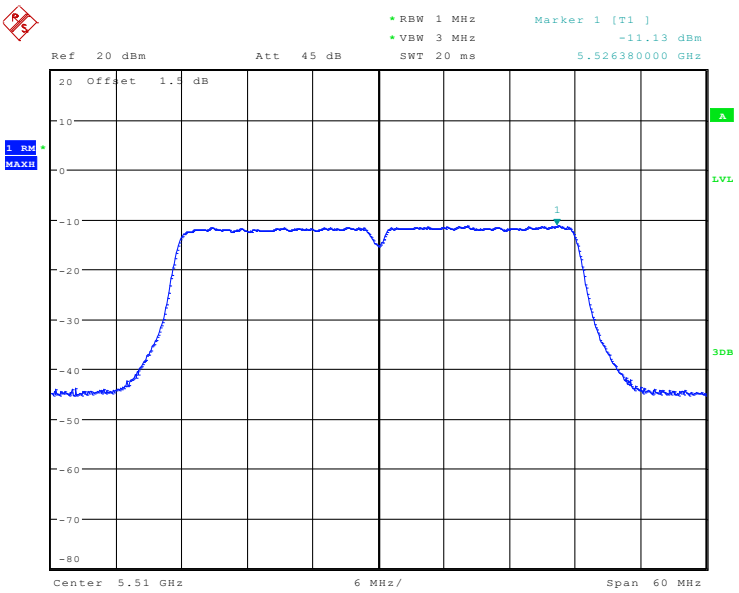
Test mode:	802.11n(HT40)	Frequency(MHz):	5270



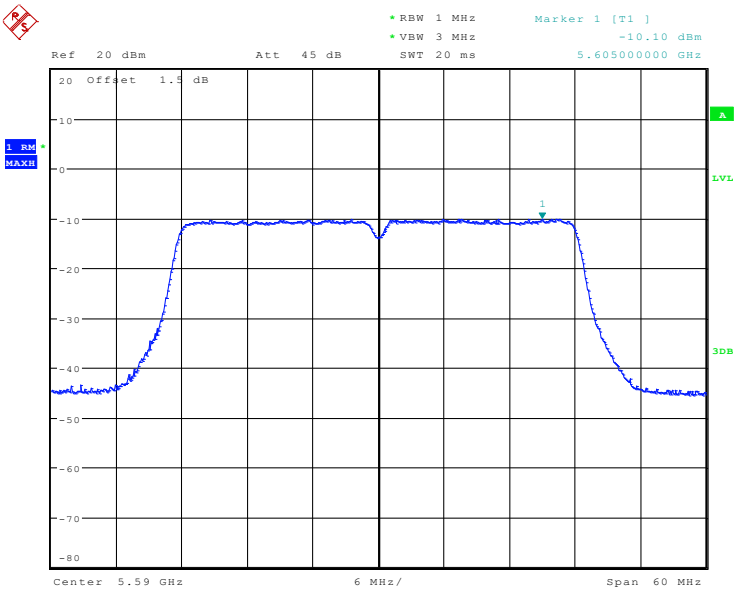
Test mode:	802.11n(HT40)	Frequency(MHz):	5310



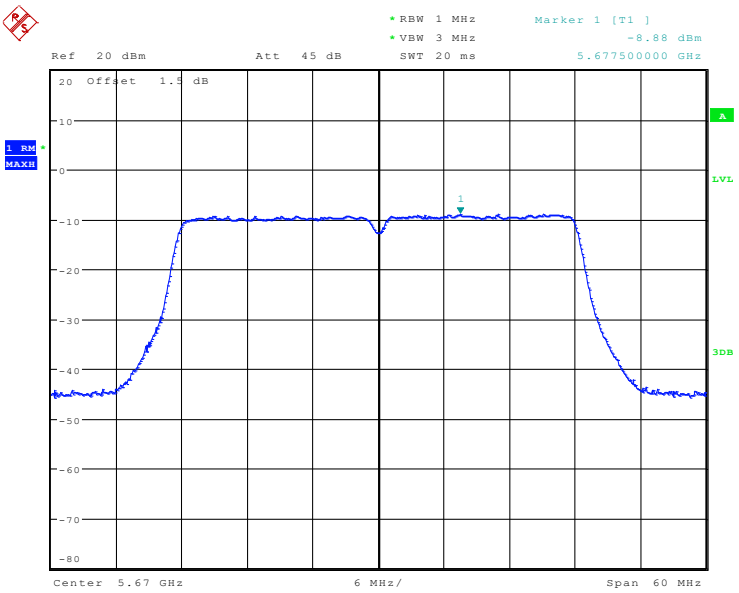
Test mode:	802.11n(HT40)	Frequency(MHz):	5510



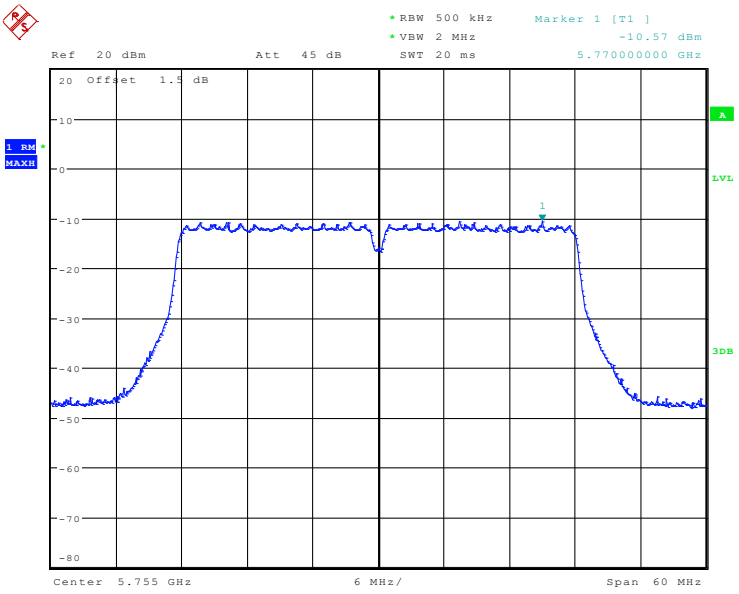
Test mode:	802.11n(HT40)	Frequency(MHz):	5590



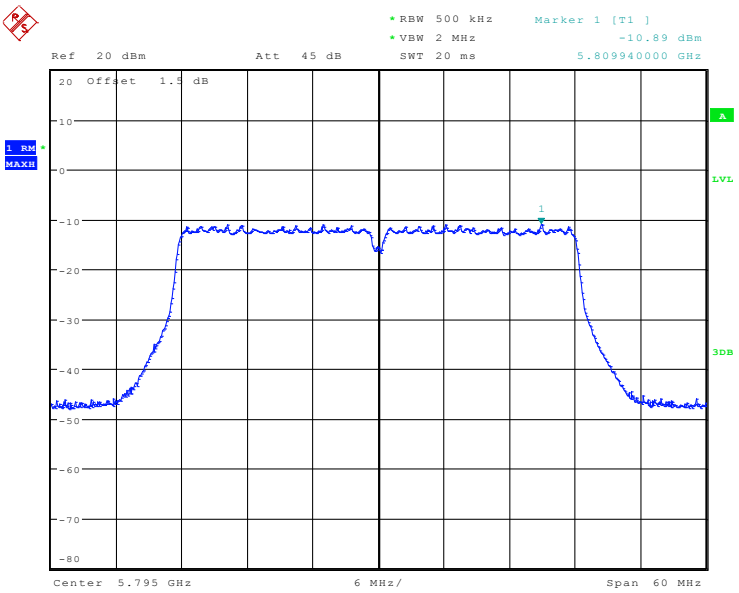
Test mode:	802.11n(HT40)	Frequency(MHz):	5670



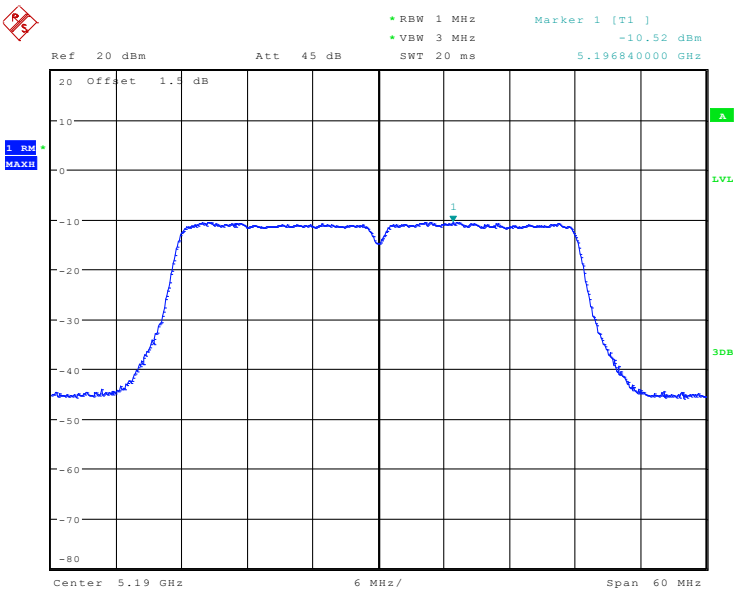
Test mode:	802.11n(HT40)	Frequency(MHz):	5755



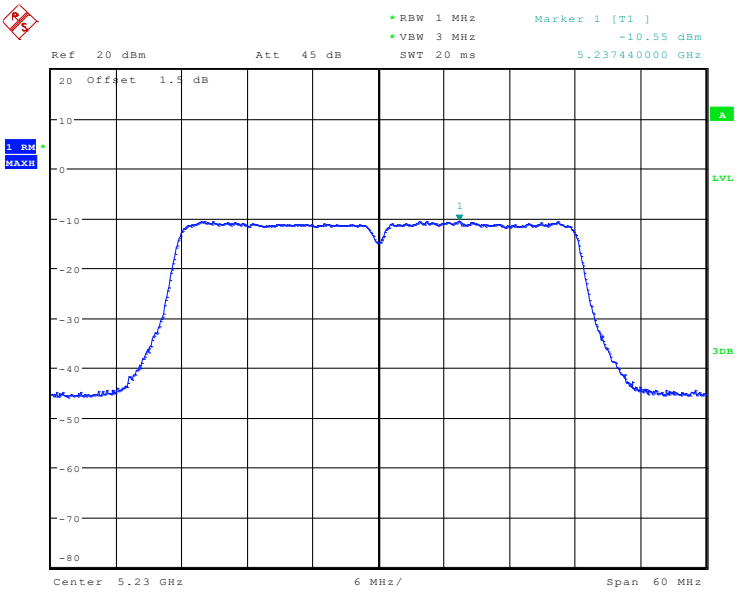
Test mode:	802.11n(HT40)	Frequency(MHz):	5795



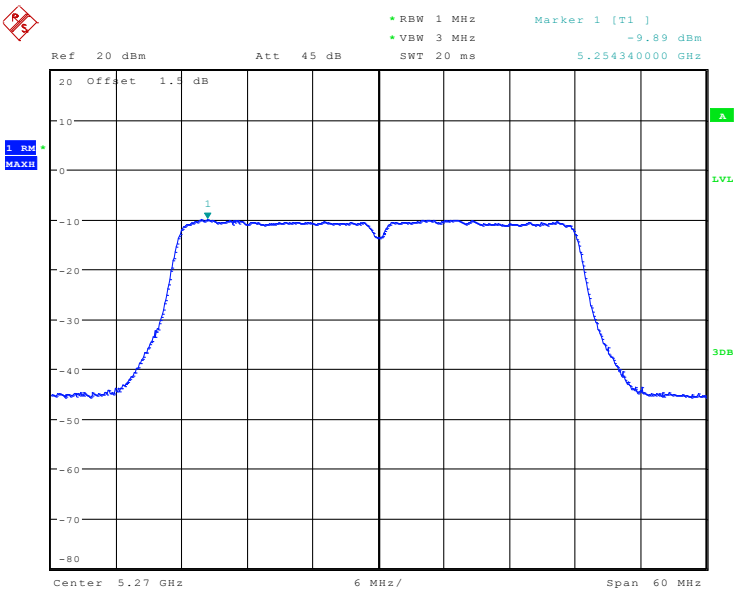
Test mode:	802.11ac40	Frequency(MHz):	5190



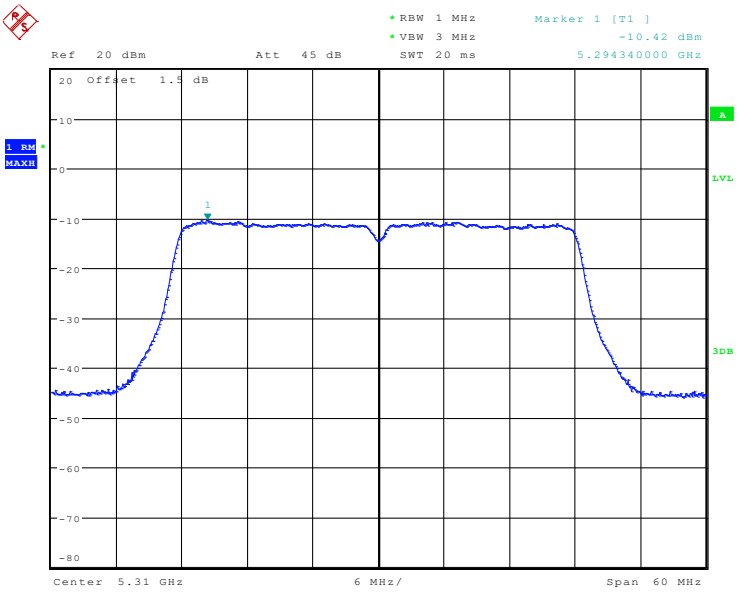
Test mode:	802.11ac40	Frequency(MHz):	5230



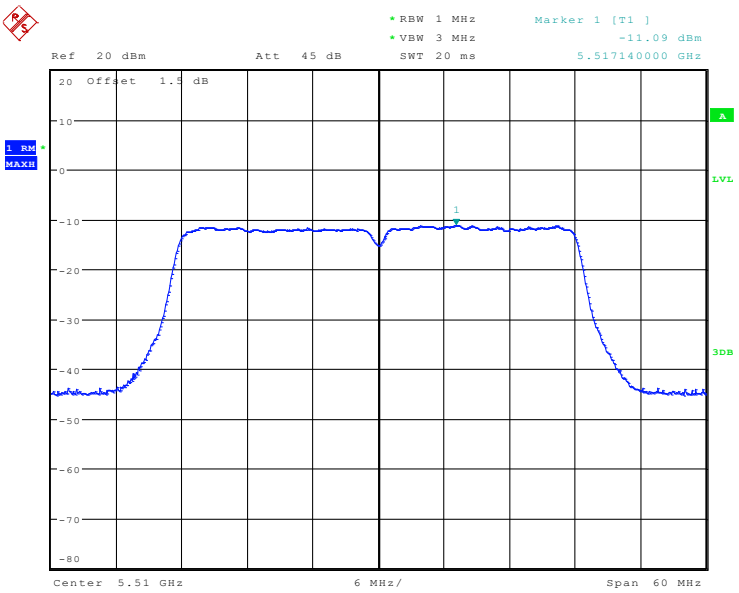
Test mode:	802.11ac40	Frequency(MHz):	5270



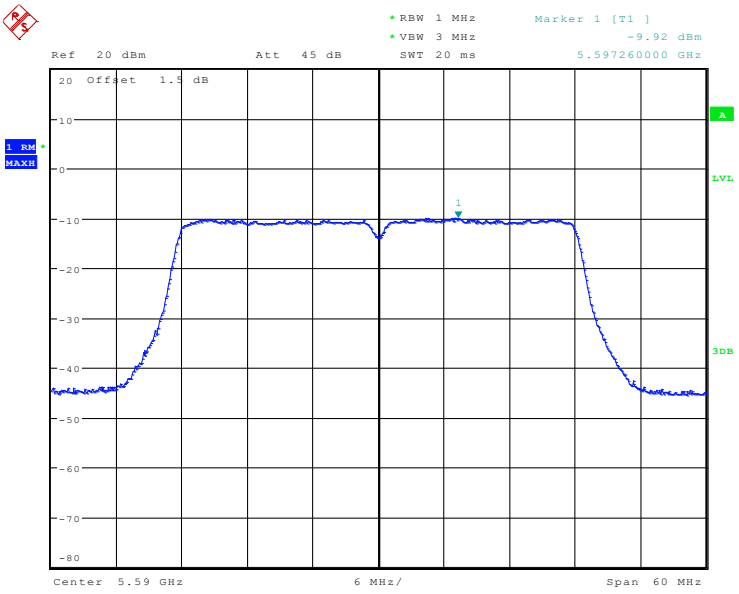
Test mode:	802.11ac40	Frequency(MHz):	5310



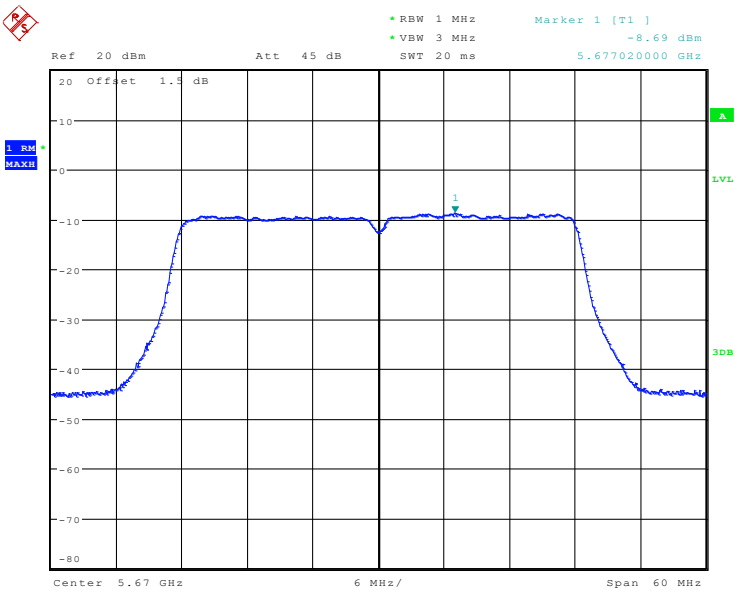
Test mode:	802.11ac40	Frequency(MHz):	5510



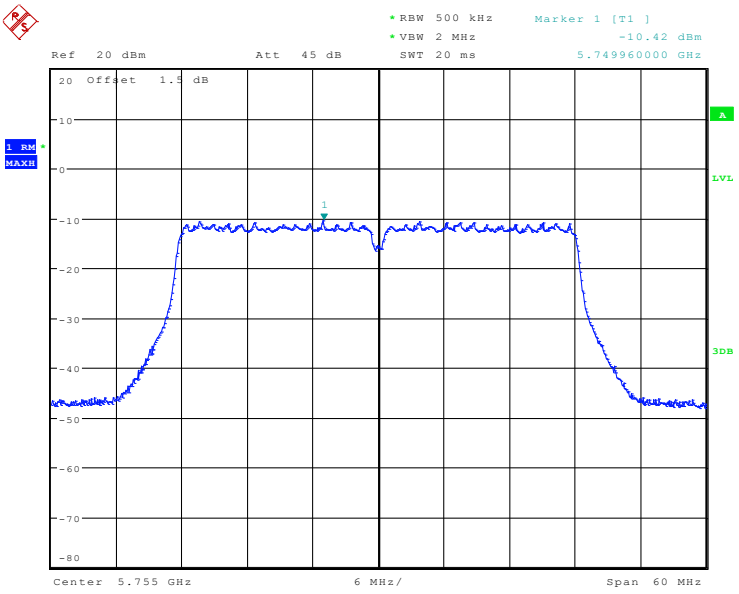
Test mode:	802.11ac40	Frequency(MHz):	5590



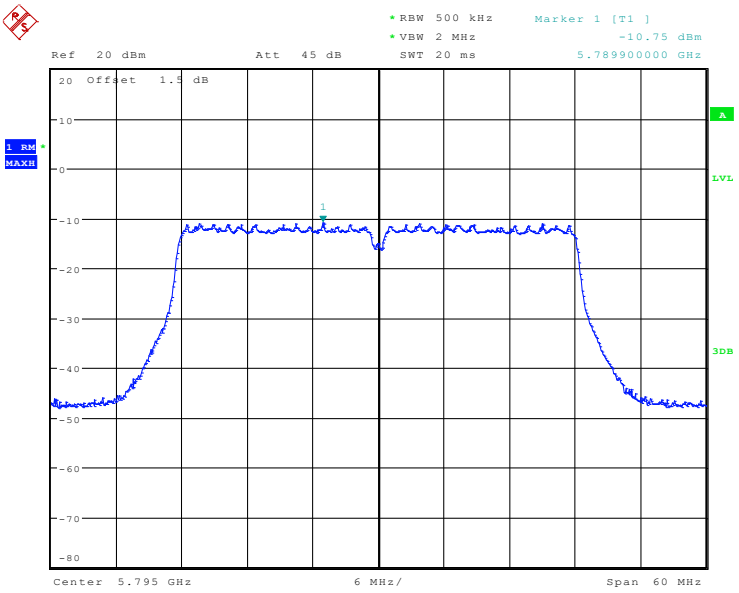
Test mode:	802.11ac40	Frequency(MHz):	5670



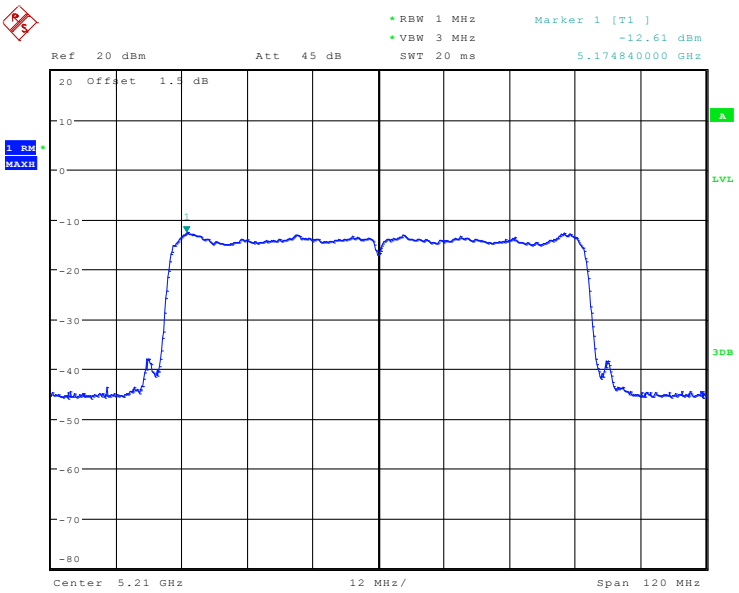
Test mode:	802.11ac40	Frequency(MHz):	5755



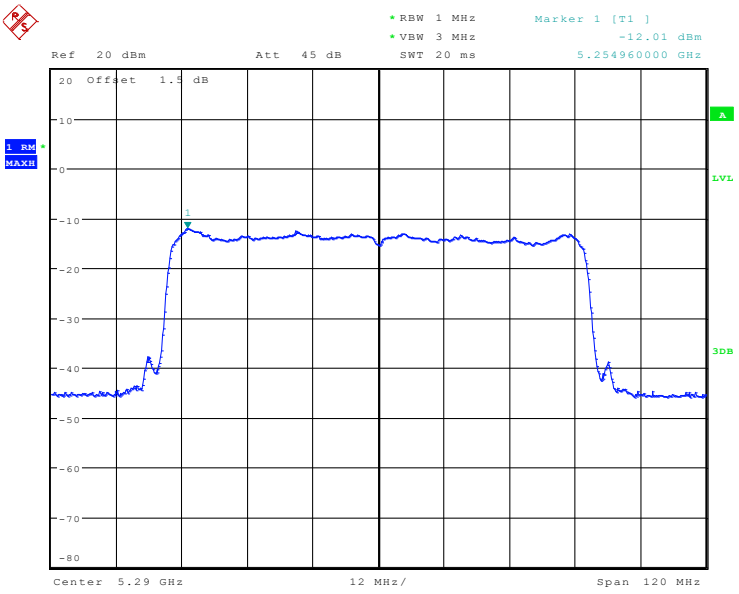
Test mode:	802.11ac40	Frequency(MHz):	5795



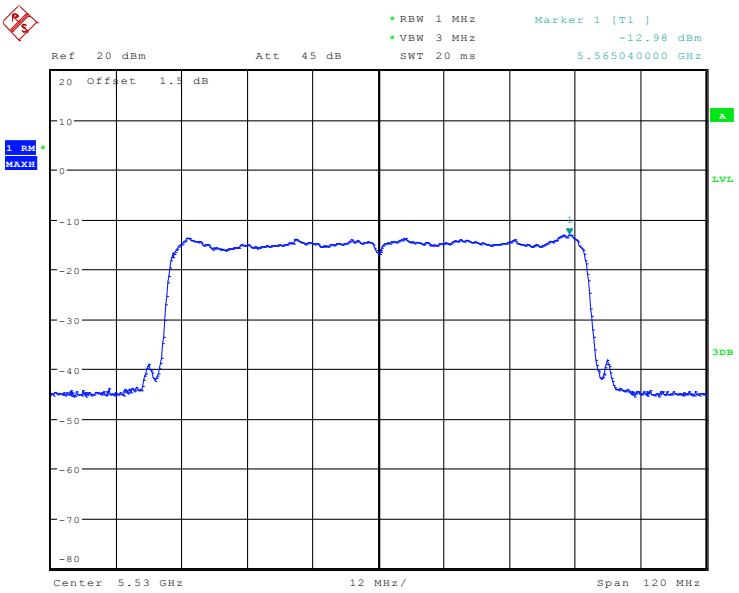
Test mode:	802.11ac80	Frequency(MHz):	5210



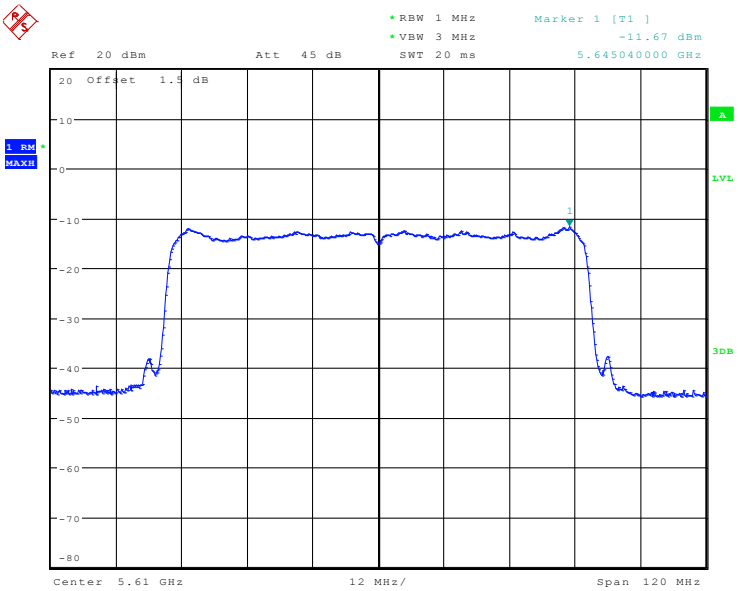
Test mode:	802.11ac80	Frequency(MHz):	5290



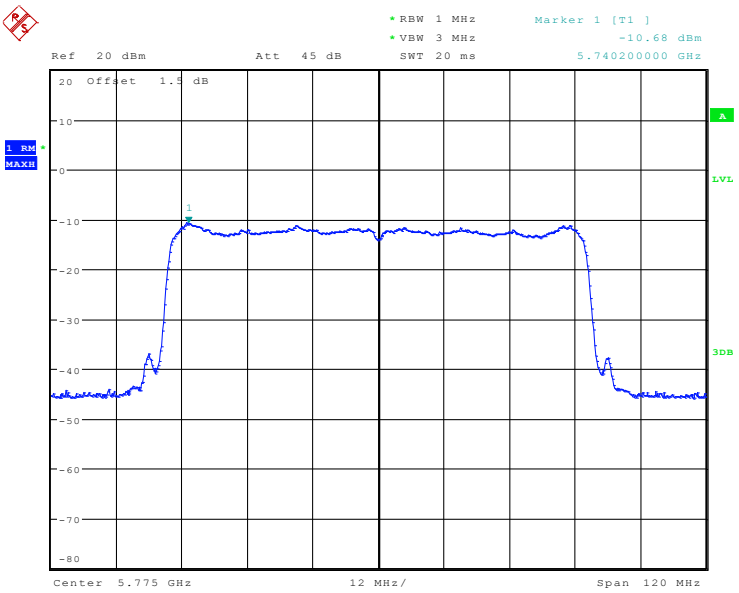
Test mode:	802.11ac80	Frequency(MHz):	5530



Test mode:	802.11ac80	Frequency(MHz):	5610

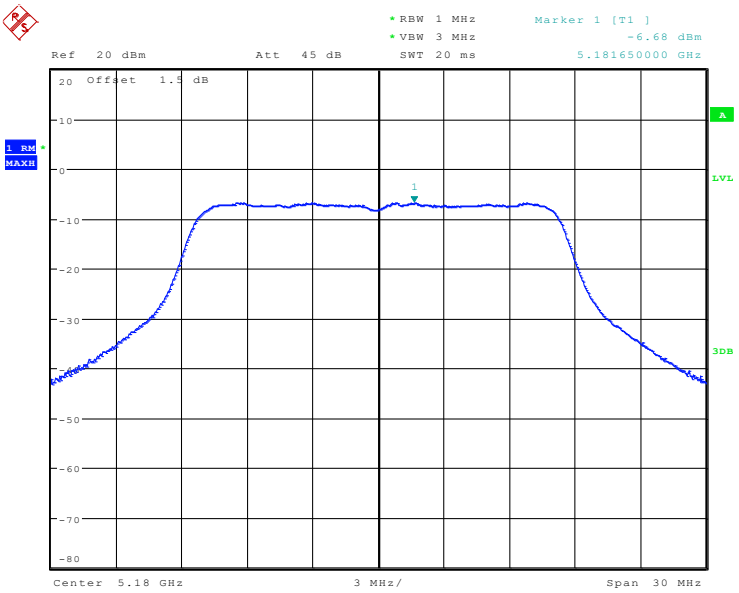


Test mode:	802.11ac80	Frequency(MHz):	5775

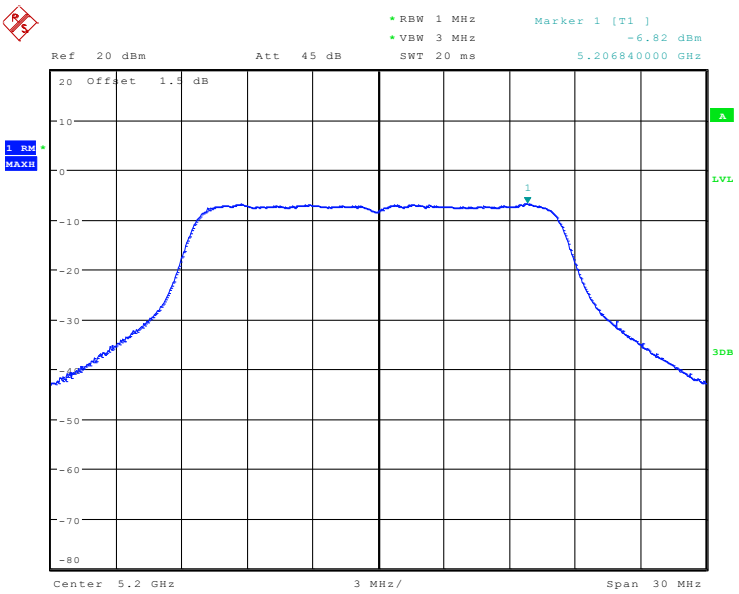


Antenna 3

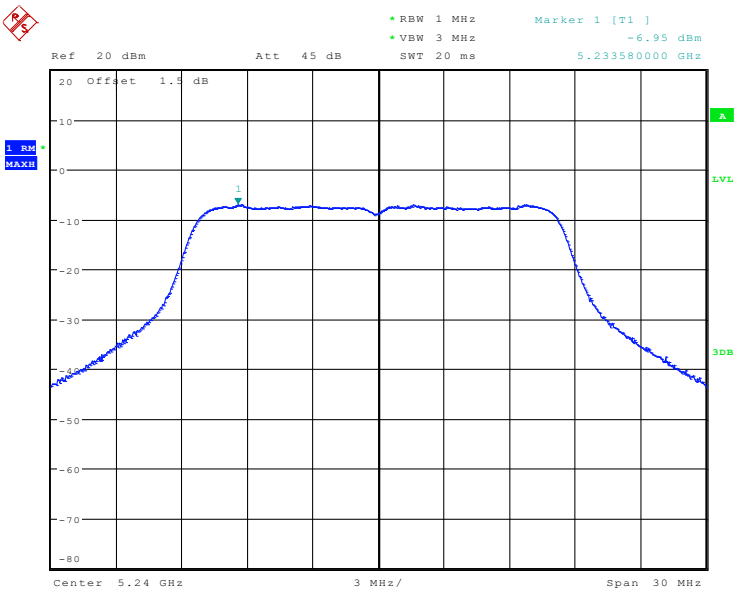
Test mode:	802.11a	Frequency(MHz):	5180



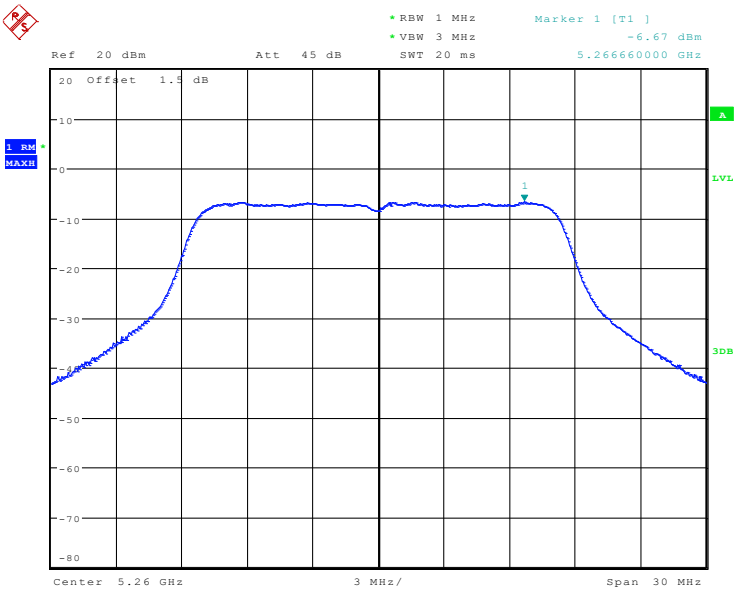
Test mode:	802.11a	Frequency(MHz):	5200



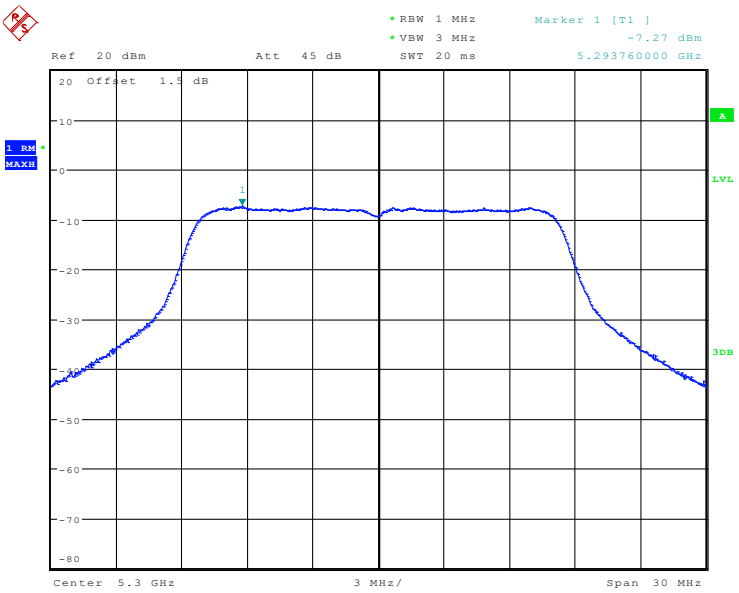
Test mode:	802.11a	Frequency(MHz):	5240



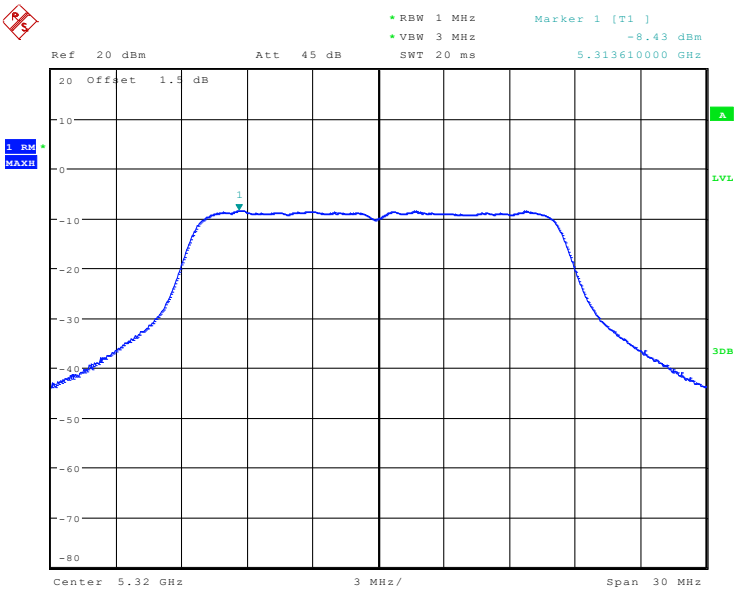
Test mode:	802.11a	Frequency(MHz):	5260



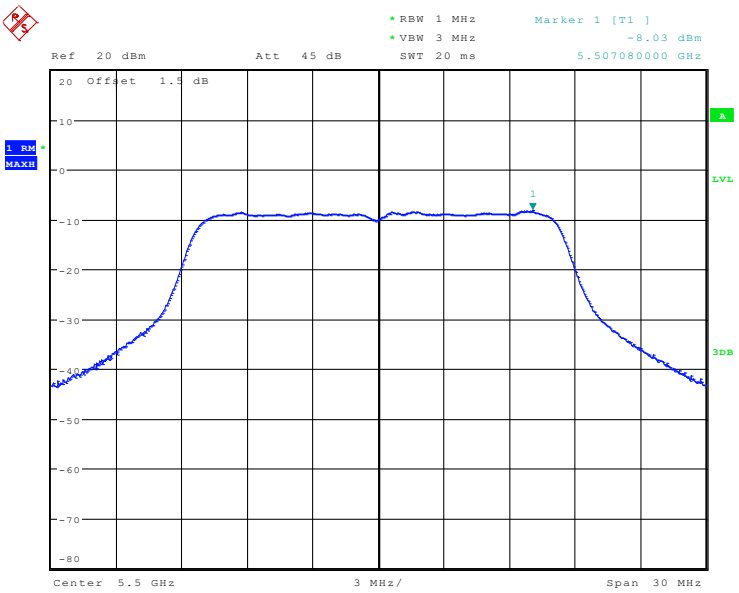
Test mode:	802.11a	Frequency(MHz):	5300



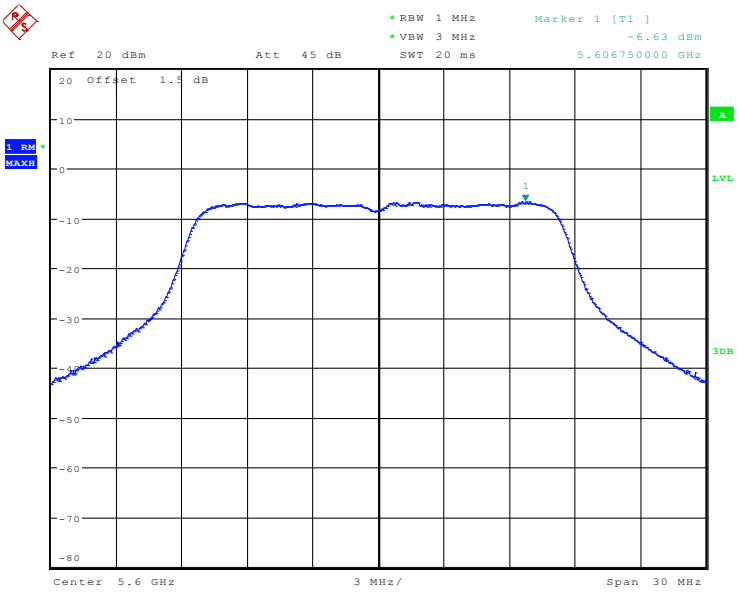
Test mode:	802.11a	Frequency(MHz):	5320



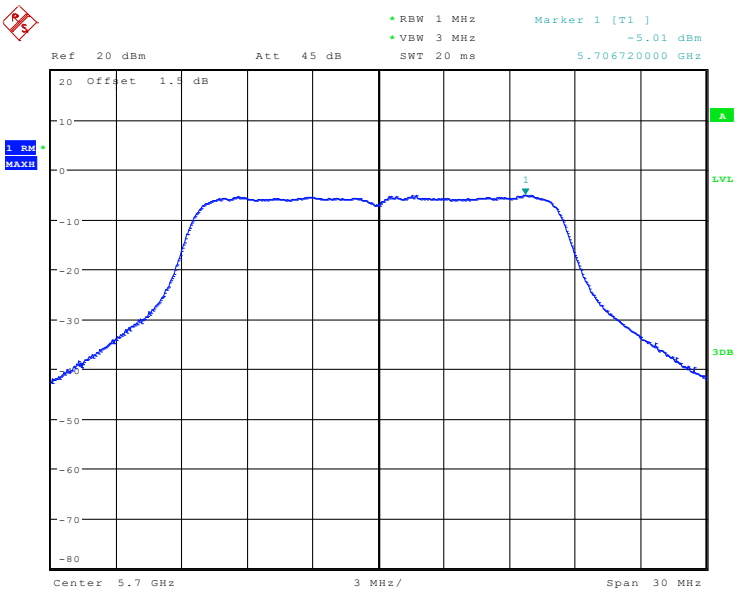
Test mode:	802.11a	Frequency(MHz):	5500



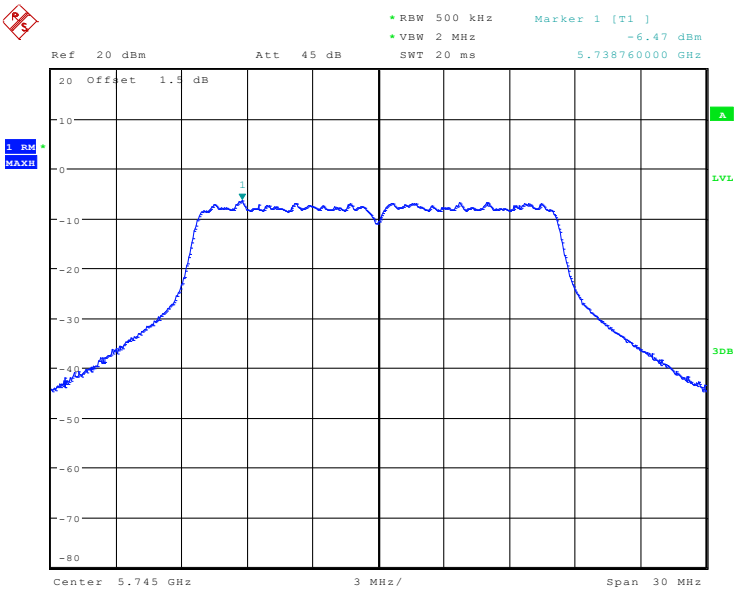
Test mode:	802.11a	Frequency(MHz):	5600



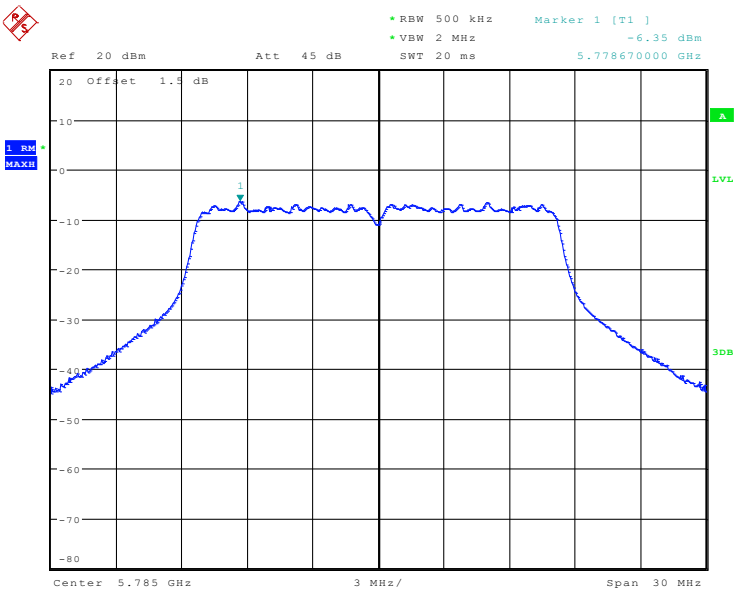
Test mode:	802.11a	Frequency(MHz):	5700



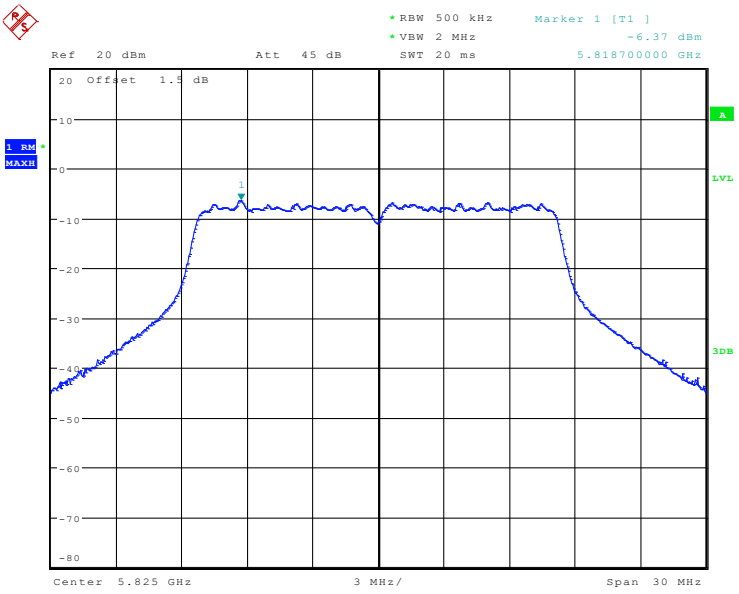
Test mode:	802.11a	Frequency(MHz):	5745



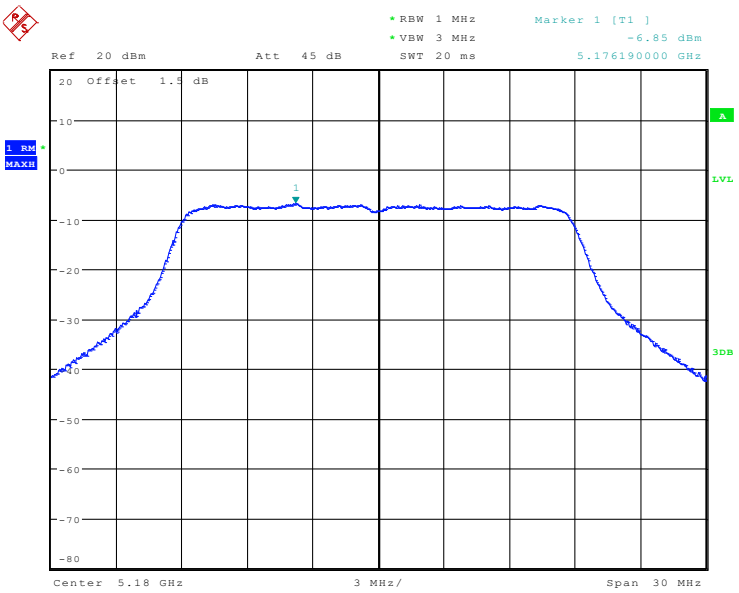
Test mode:	802.11a	Frequency(MHz):	5785



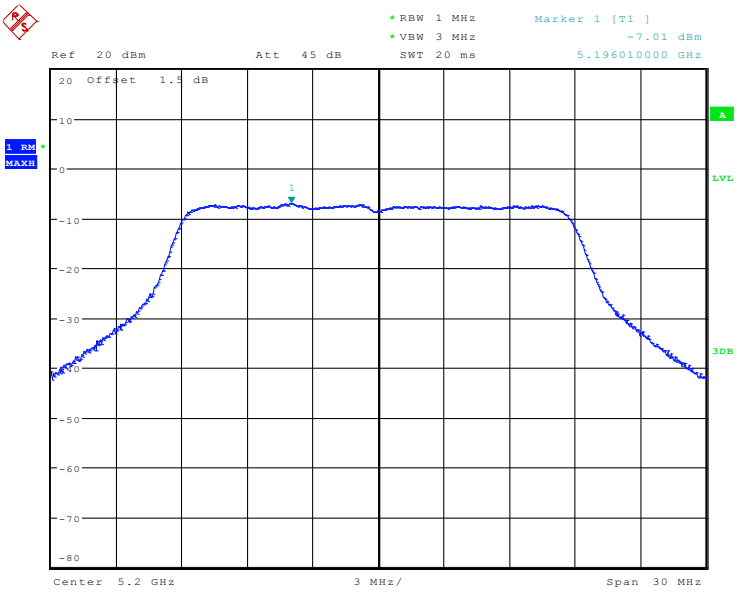
Test mode:	802.11a	Frequency(MHz):	5825



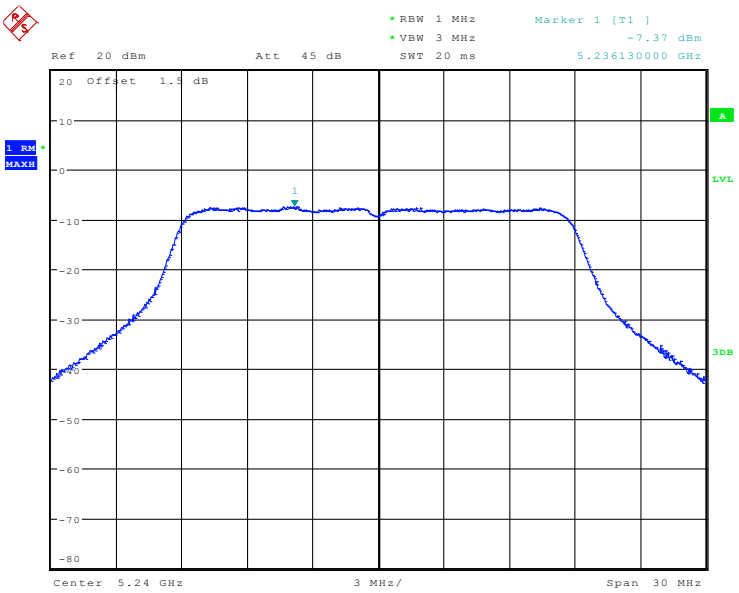
Test mode:	802.11n(HT20)	Frequency(MHz):	5180



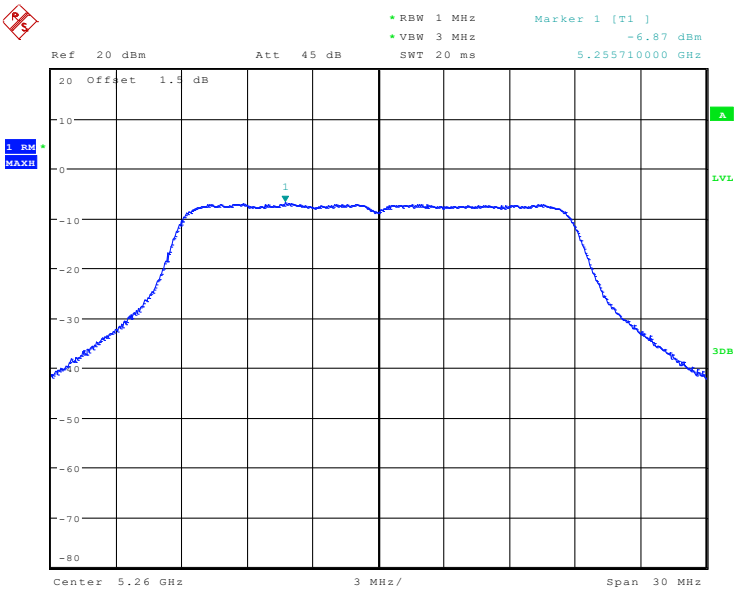
Test mode:	802.11n(HT20)	Frequency(MHz):	5200



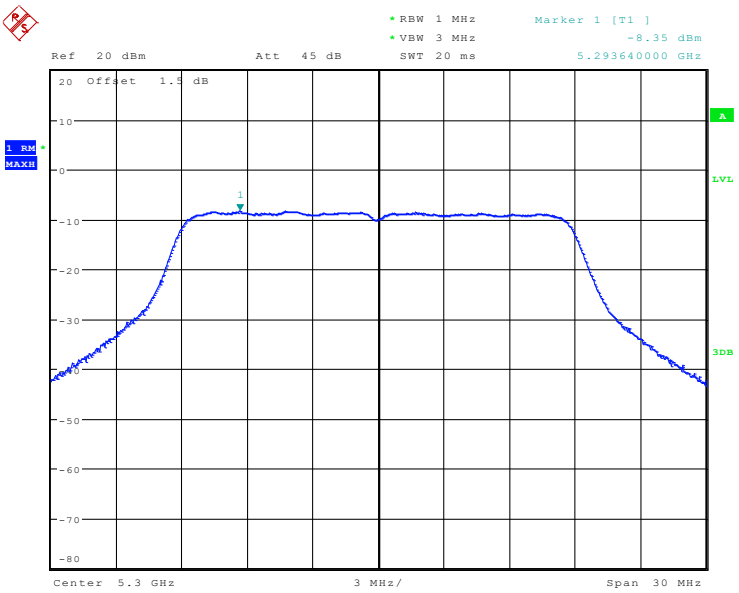
Test mode:	802.11n(HT20)	Frequency(MHz):	5240



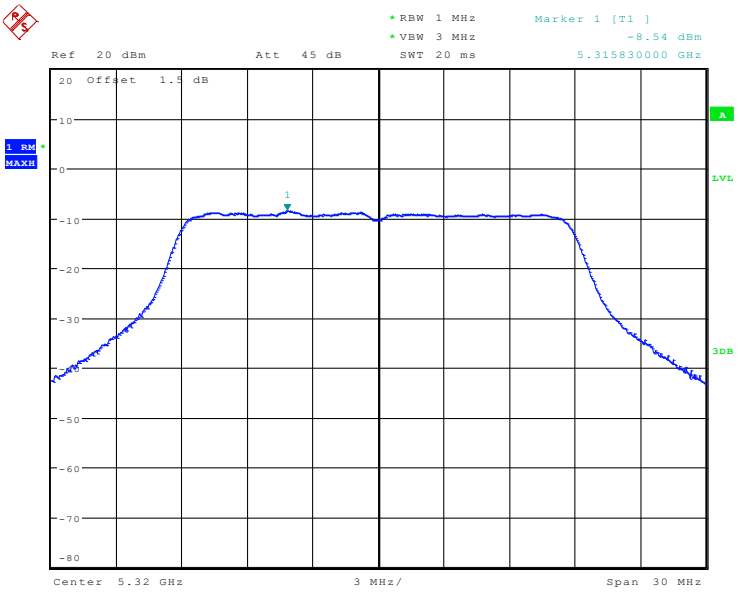
Test mode:	802.11n(HT20)	Frequency(MHz):	5260



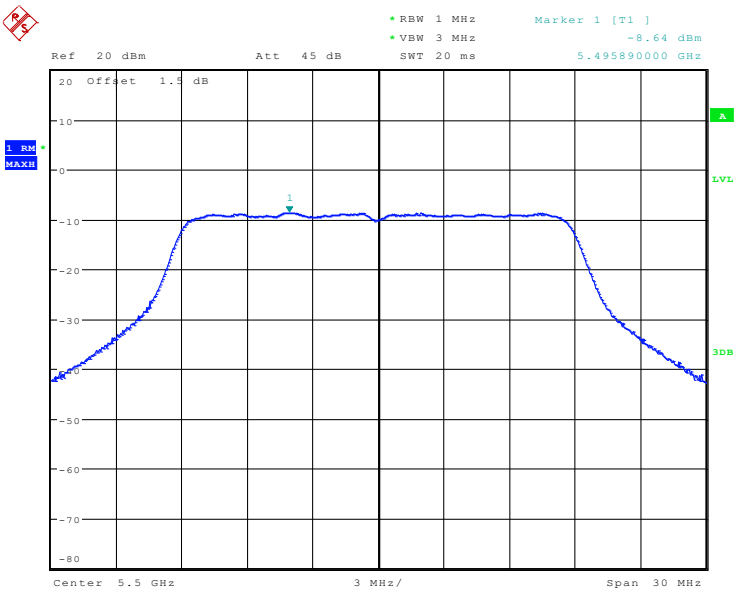
Test mode:	802.11n(HT20)	Frequency(MHz):	5300



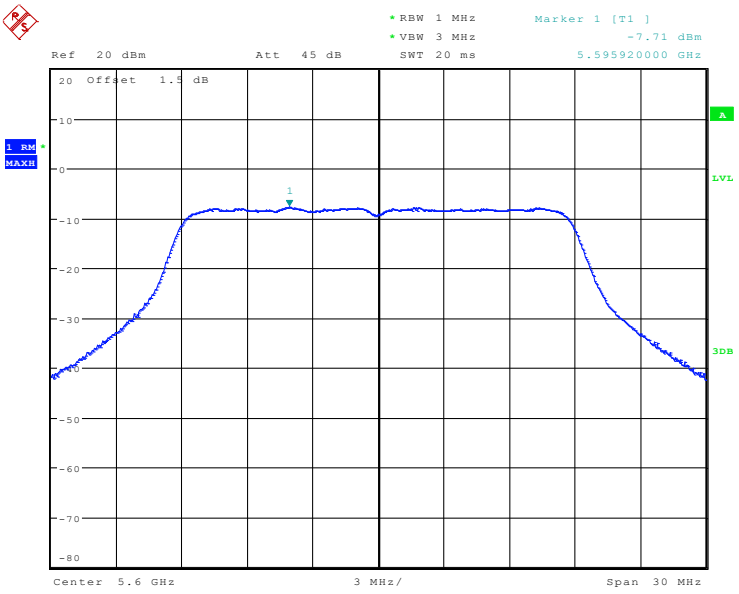
Test mode:	802.11n(HT20)	Frequency(MHz):	5320



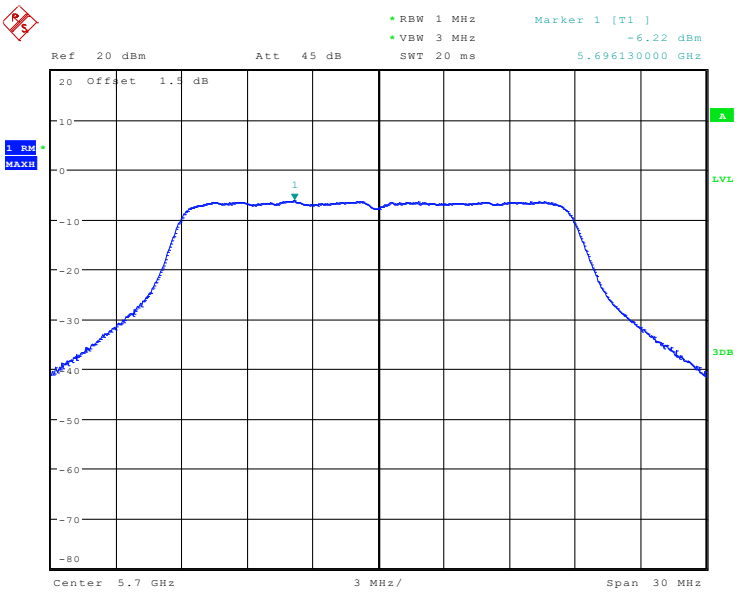
Test mode:	802.11n(HT20)	Frequency(MHz):	5500



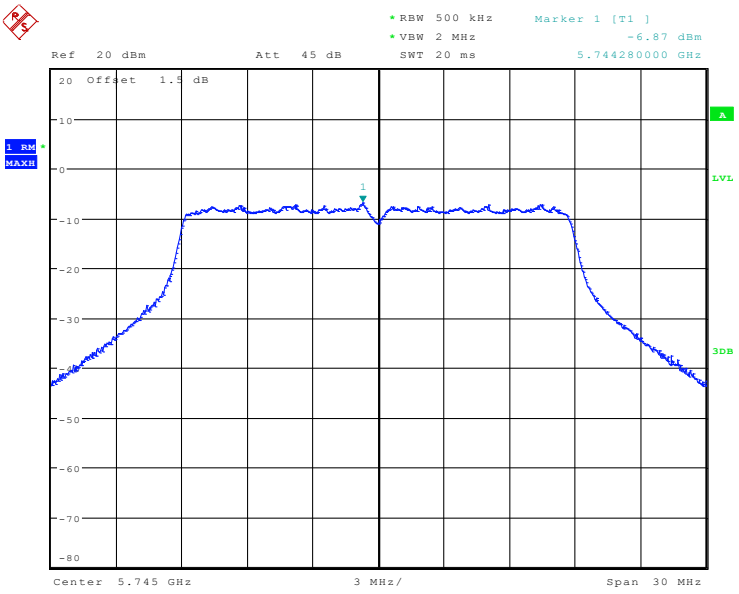
Test mode:	802.11n(HT20)	Frequency(MHz):	5600



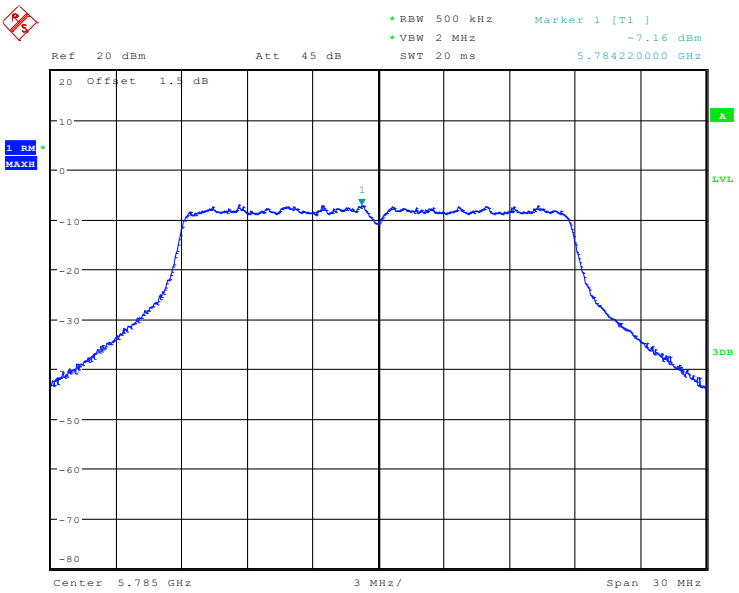
Test mode:	802.11n(HT20)	Frequency(MHz):	5700



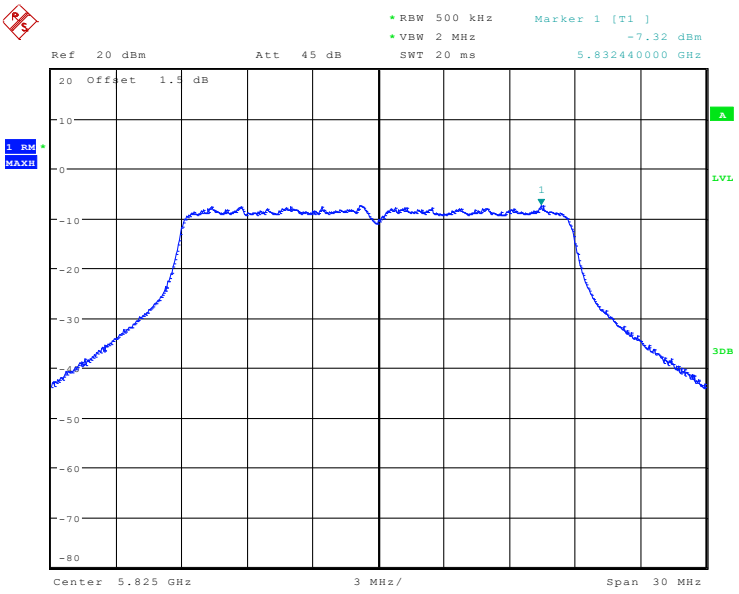
Test mode:	802.11n(HT20)	Frequency(MHz):	5745



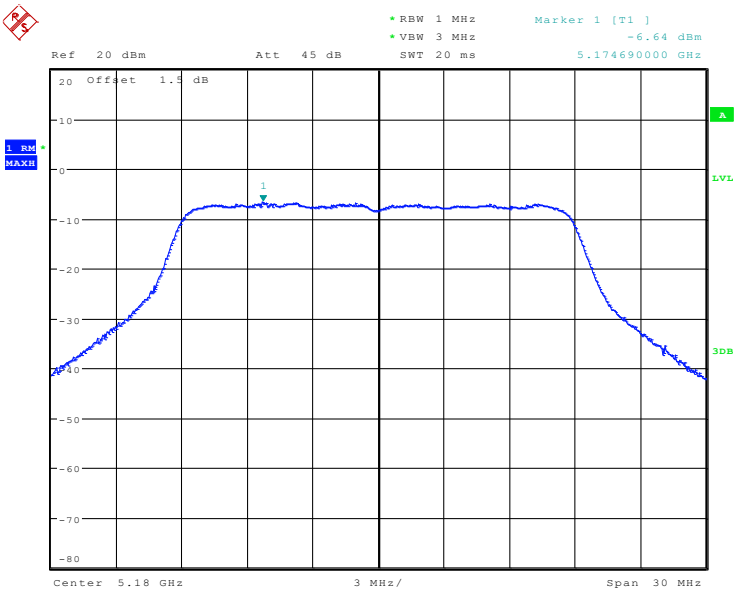
Test mode:	802.11n(HT20)	Frequency(MHz):	5785



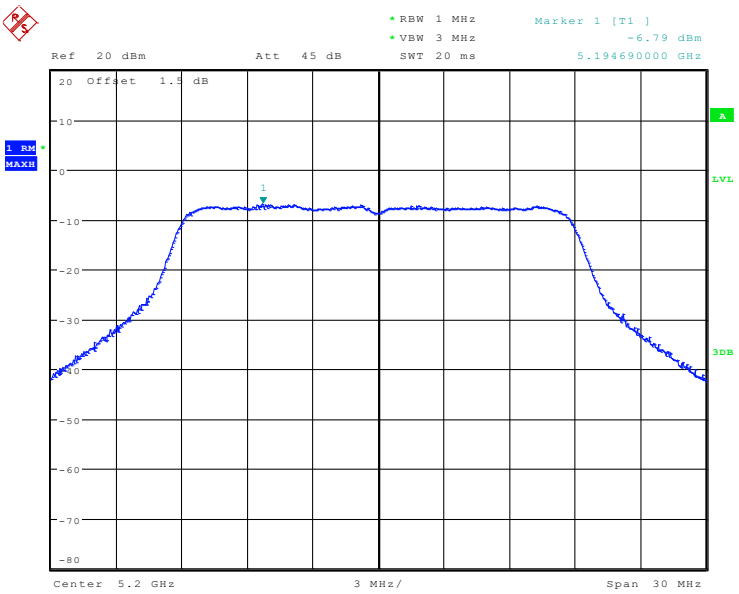
Test mode:	802.11n(HT20)	Frequency(MHz):	5825



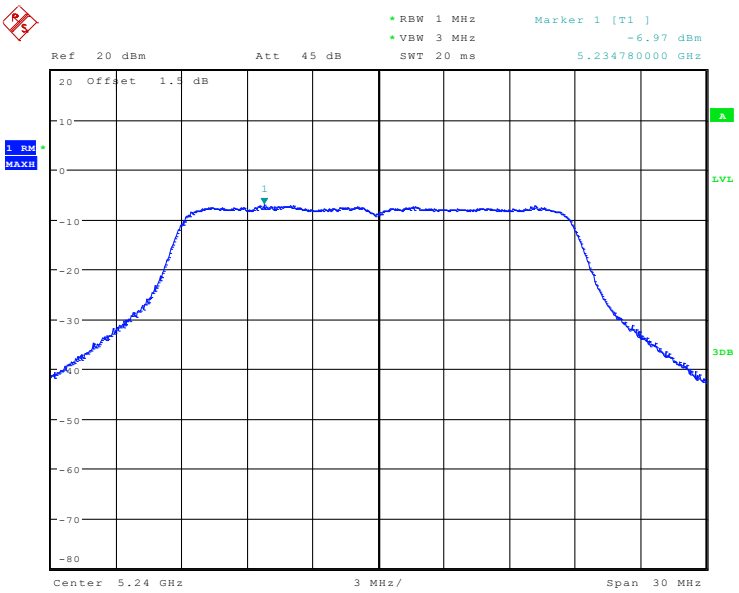
Test mode:	802.11ac20	Frequency(MHz):	5180



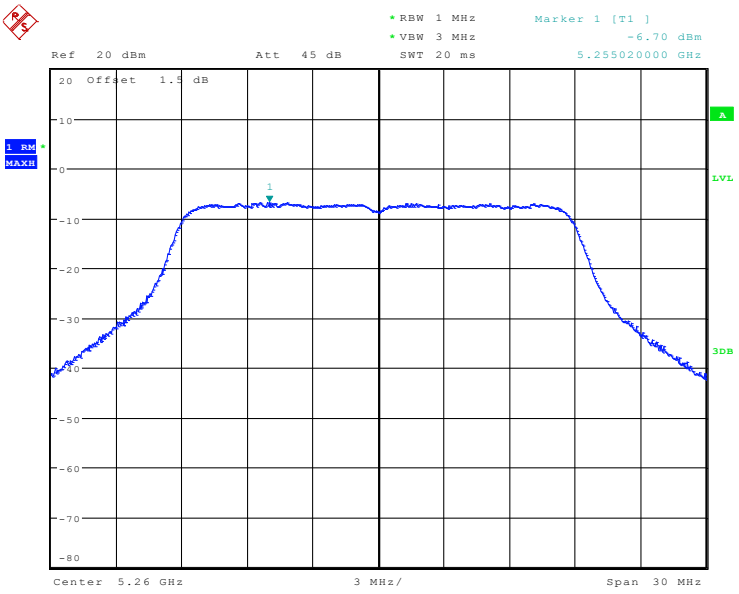
Test mode:	802.11ac20	Frequency(MHz):	5200



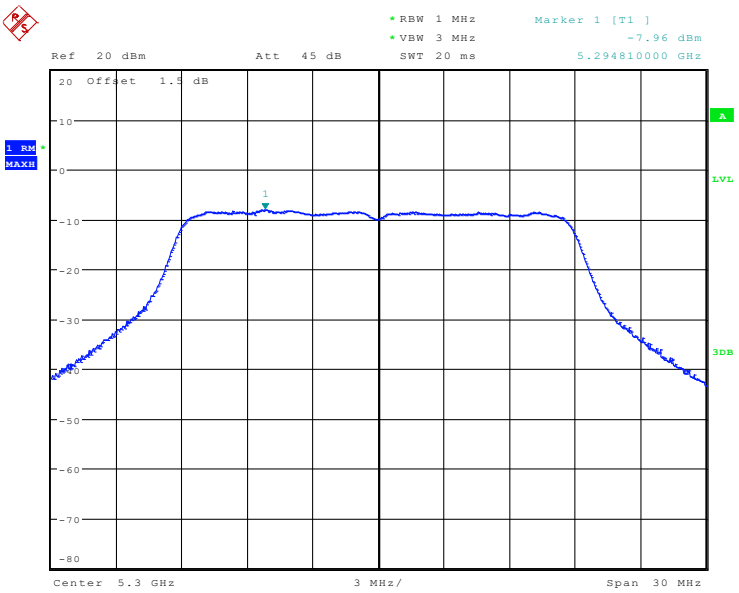
Test mode:	802.11ac20	Frequency(MHz):	5240



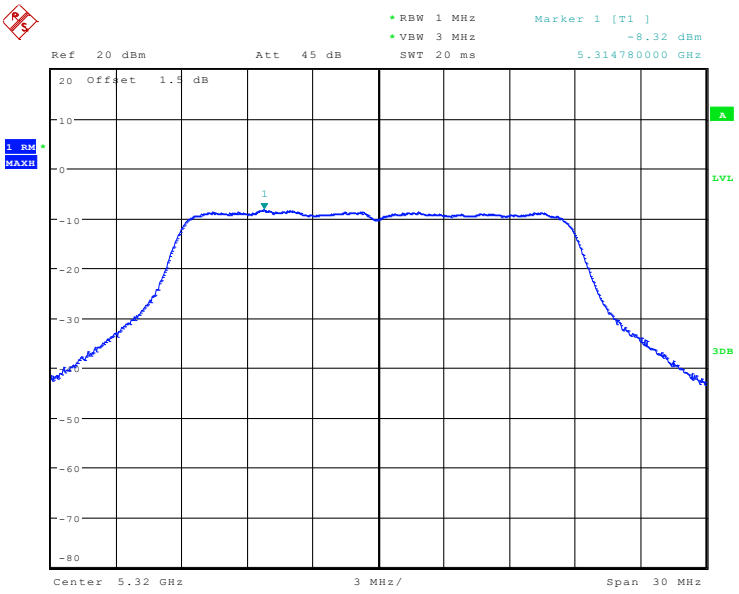
Test mode:	802.11ac20	Frequency(MHz):	5260



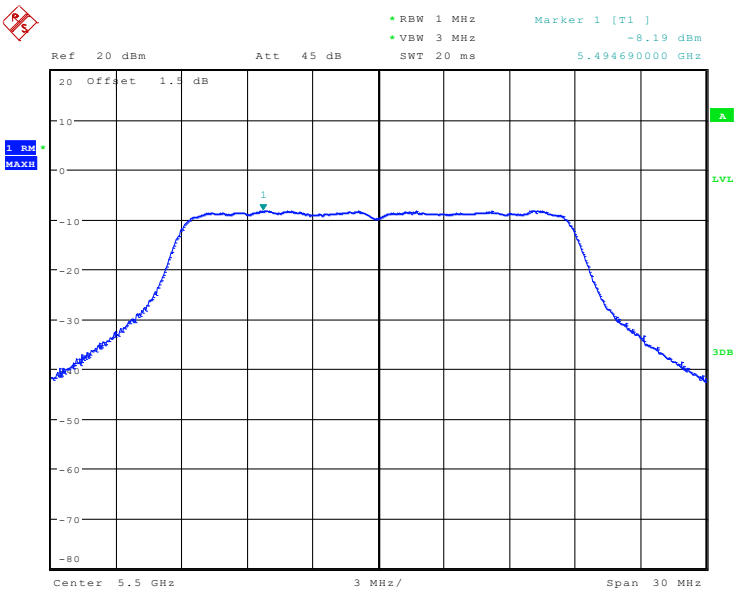
Test mode:	802.11ac20	Frequency(MHz):	5300



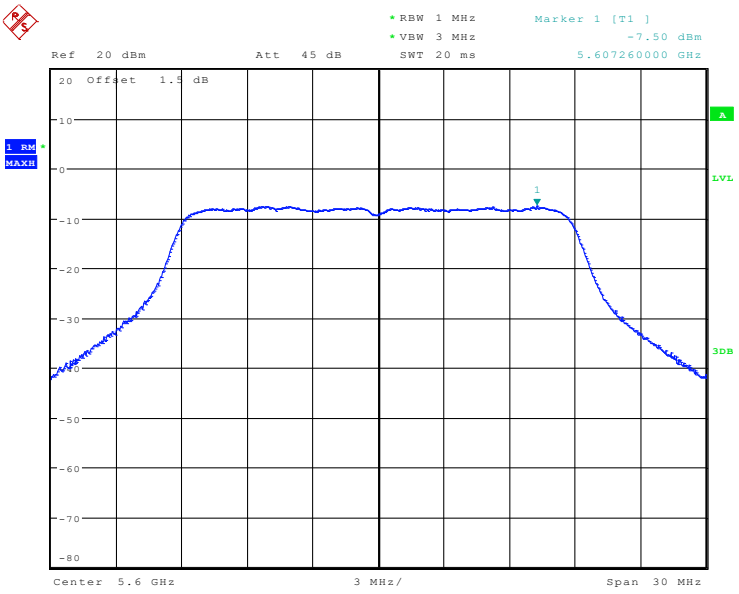
Test mode:	802.11ac20	Frequency(MHz):	5320



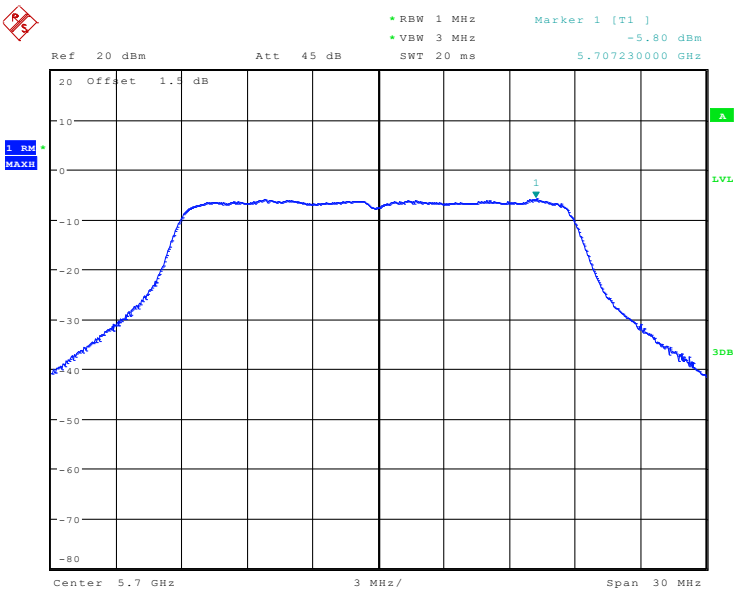
Test mode:	802.11ac20	Frequency(MHz):	5500



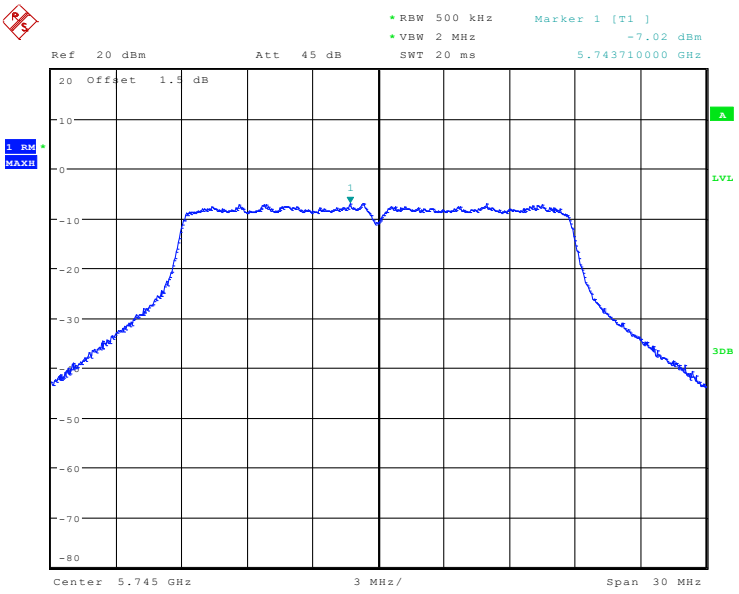
Test mode:	802.11ac20	Frequency(MHz):	5600



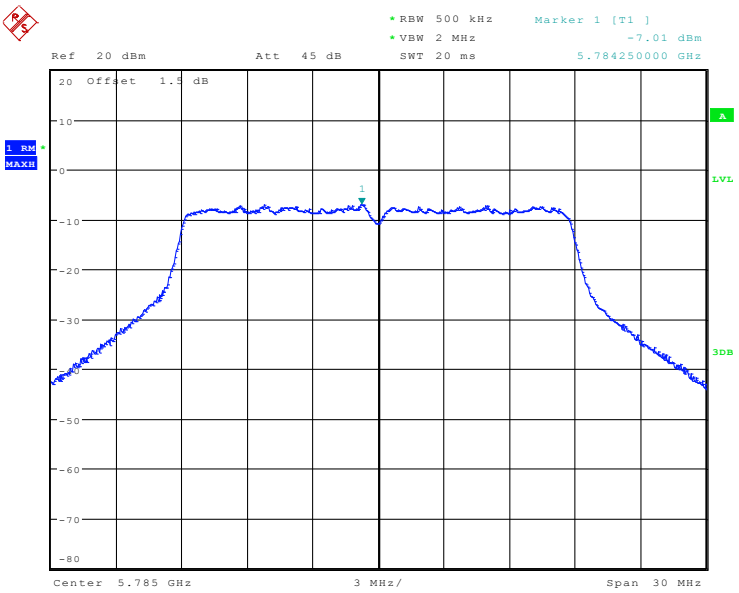
Test mode:	802.11ac20	Frequency(MHz):	5700



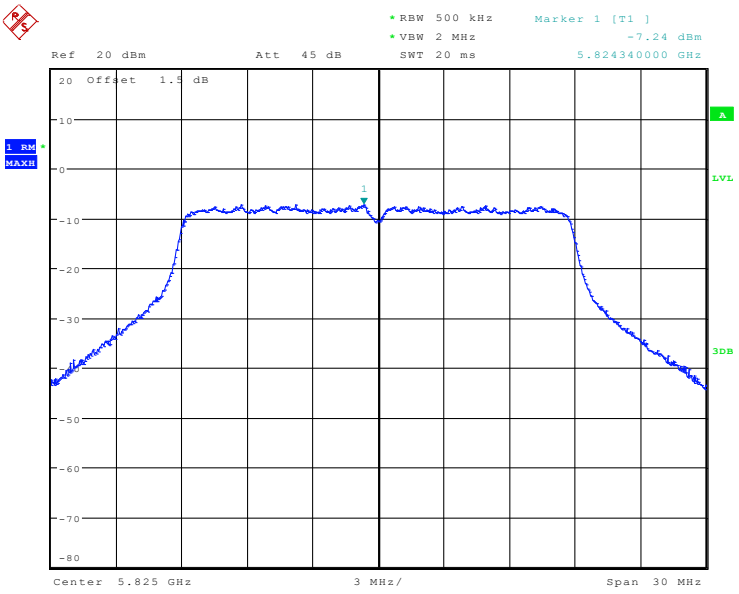
Test mode:	802.11ac20	Frequency(MHz):	5745



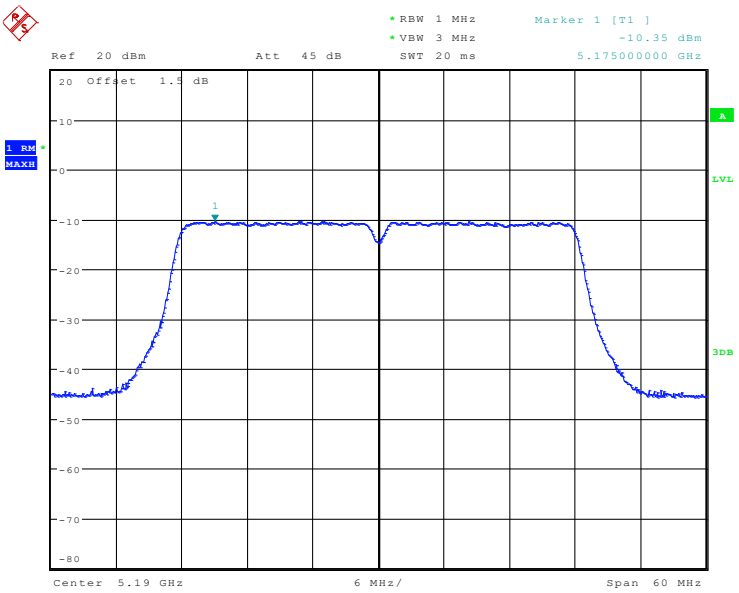
Test mode:	802.11ac20	Frequency(MHz):	5785



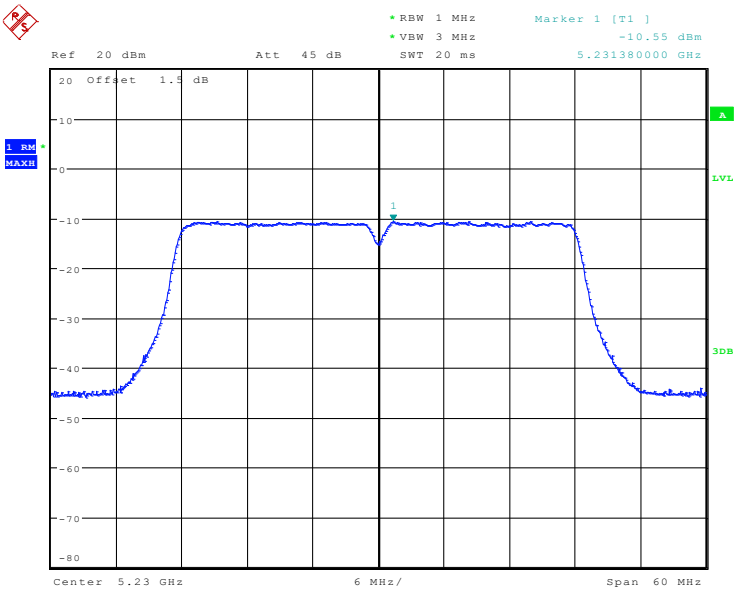
Test mode:	802.11ac20	Frequency(MHz):	5825



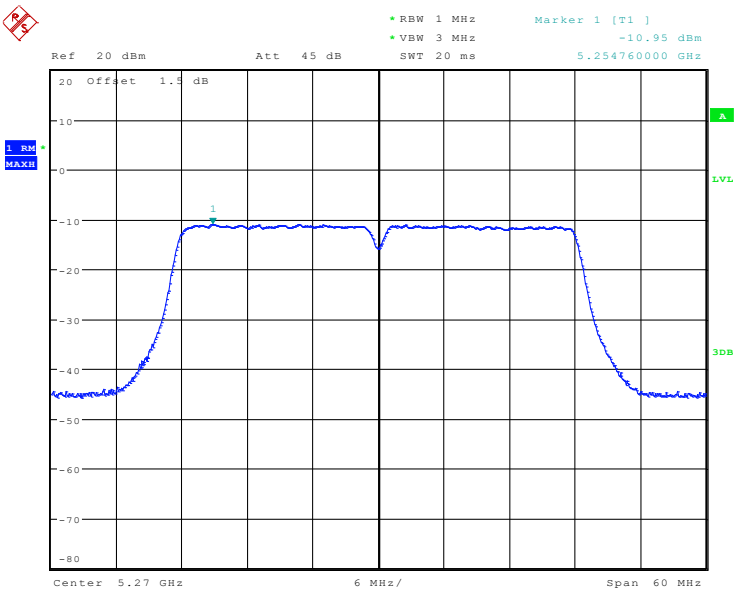
Test mode:	802.11n(HT40)	Frequency(MHz):	5190



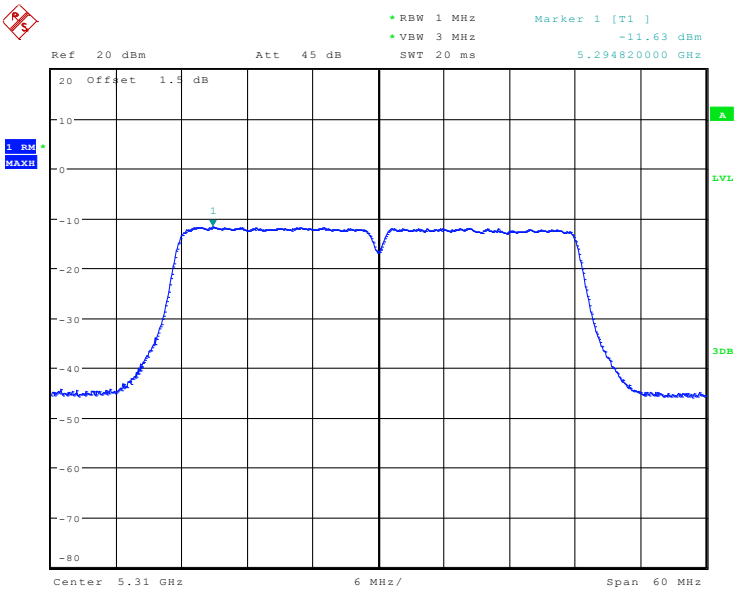
Test mode:	802.11n(HT40)	Frequency(MHz):	5230



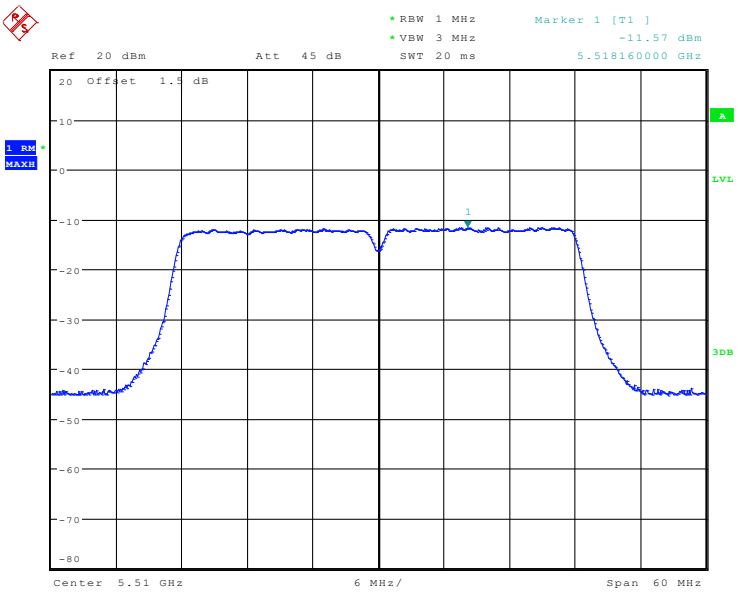
Test mode:	802.11n(HT40)	Frequency(MHz):	5270



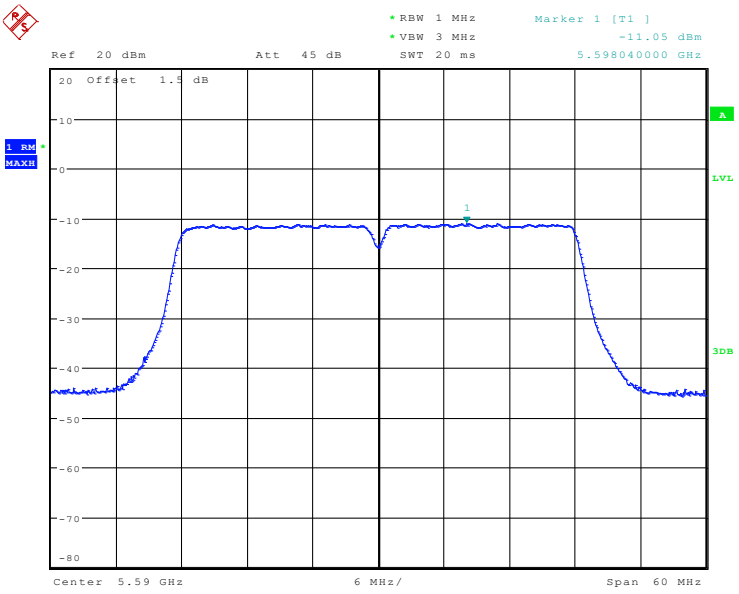
Test mode:	802.11n(HT40)	Frequency(MHz):	5310



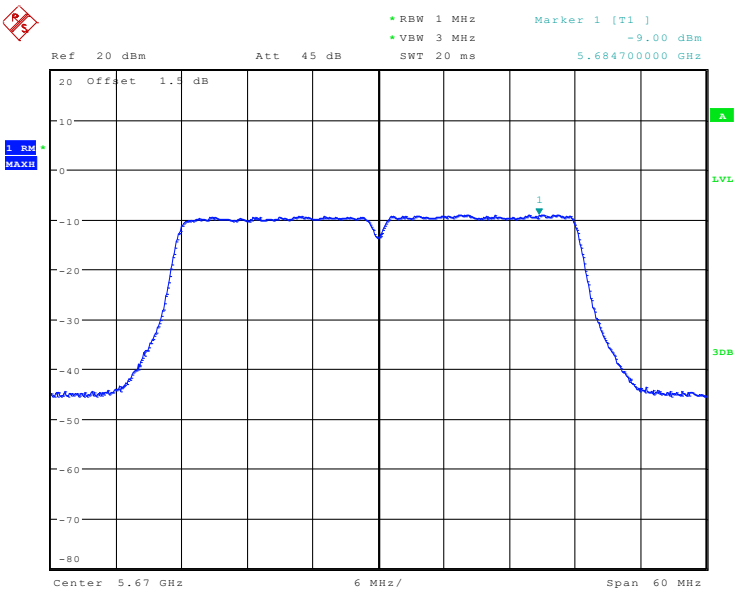
Test mode:	802.11n(HT40)	Frequency(MHz):	5510



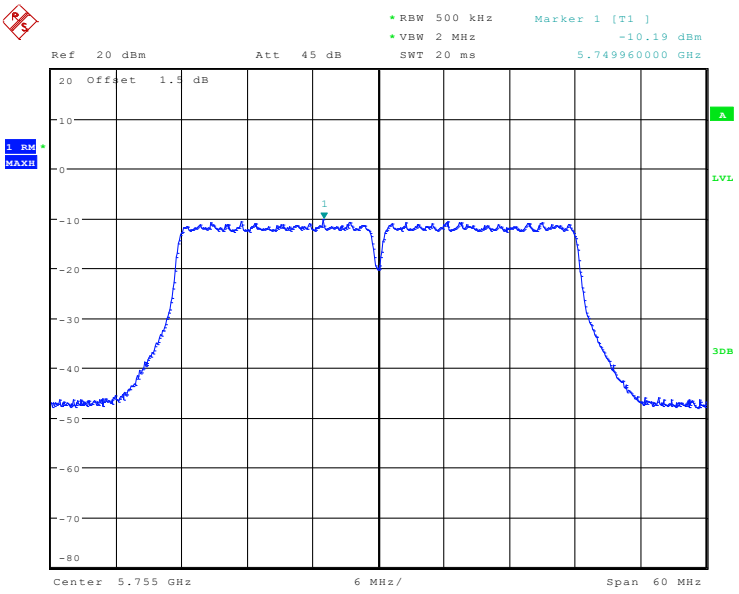
Test mode:	802.11n(HT40)	Frequency(MHz):	5590



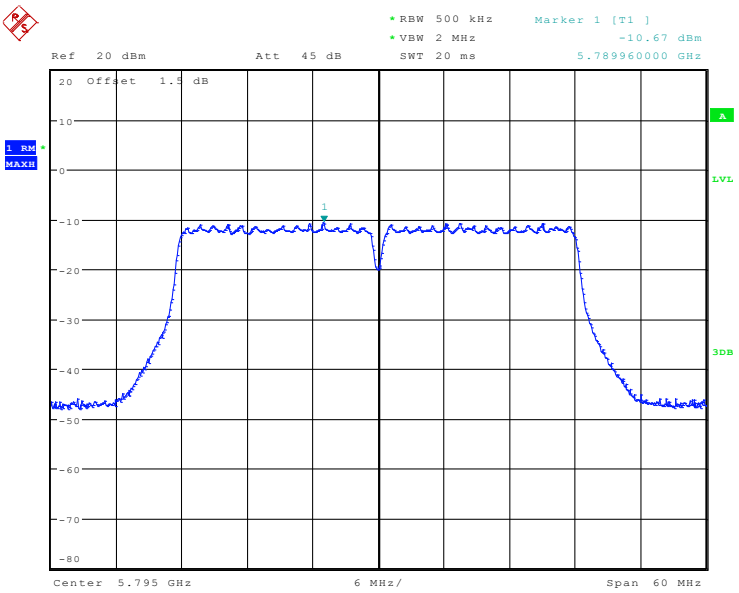
Test mode:	802.11n(HT40)	Frequency(MHz):	5670



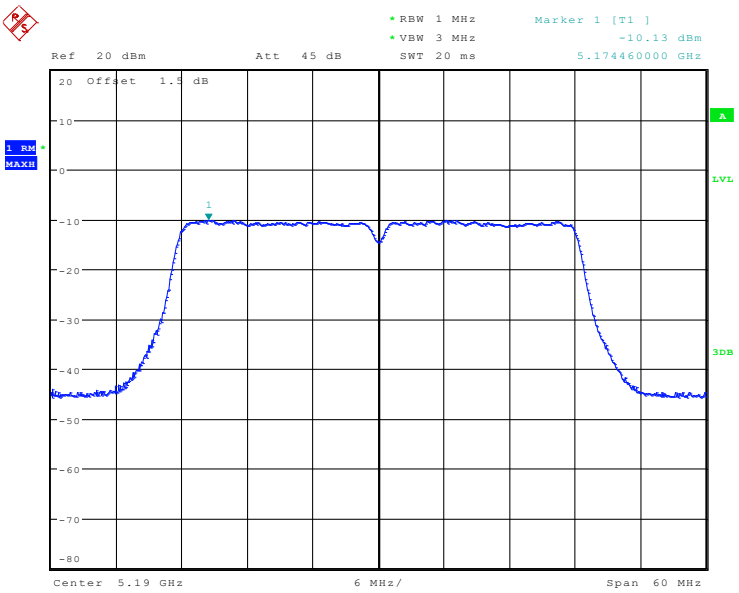
Test mode:	802.11n(HT40)	Frequency(MHz):	5755



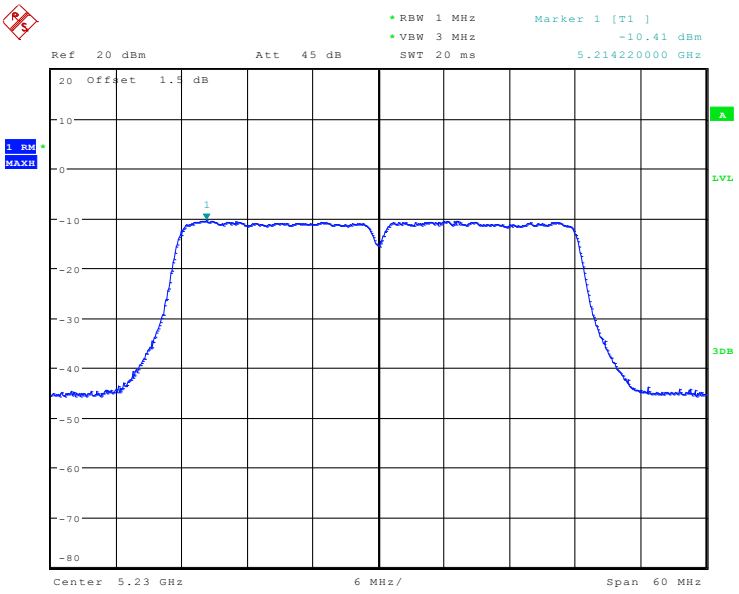
Test mode:	802.11n(HT40)	Frequency(MHz):	5795



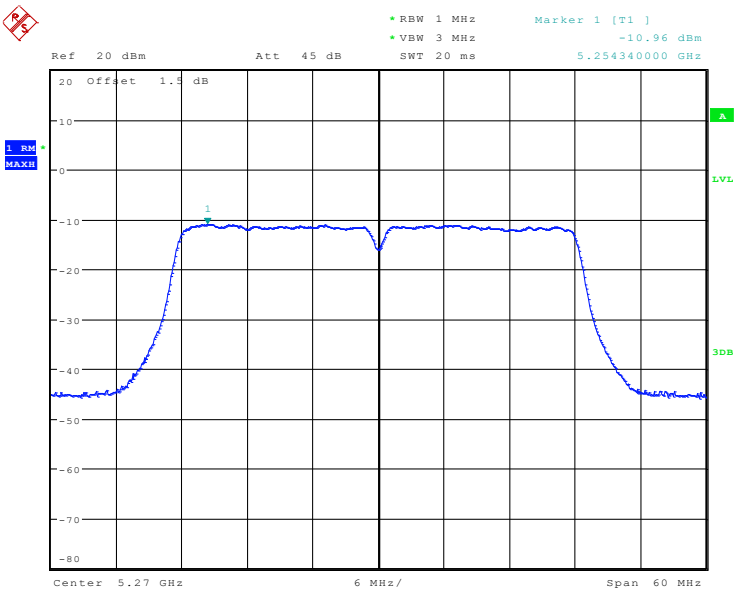
Test mode:	802.11ac40	Frequency(MHz):	5190



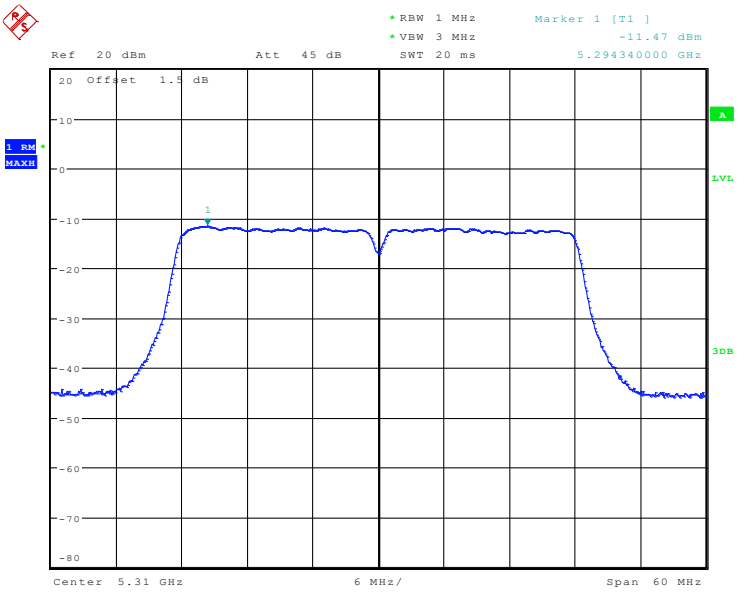
Test mode:	802.11ac40	Frequency(MHz):	5230



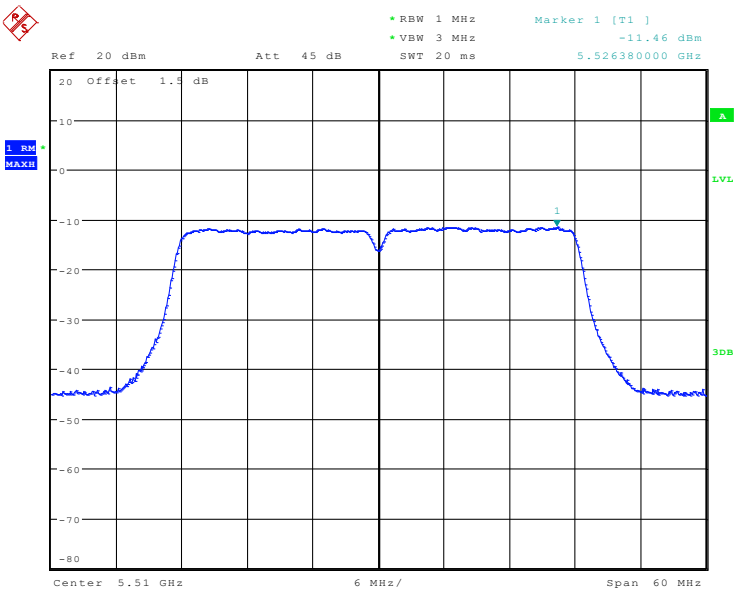
Test mode:	802.11ac40	Frequency(MHz):	5270



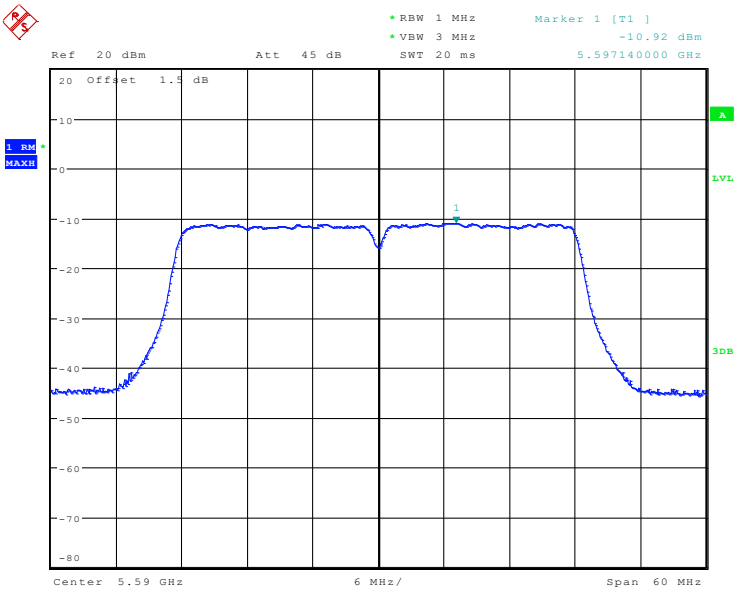
Test mode:	802.11ac40	Frequency(MHz):	5310



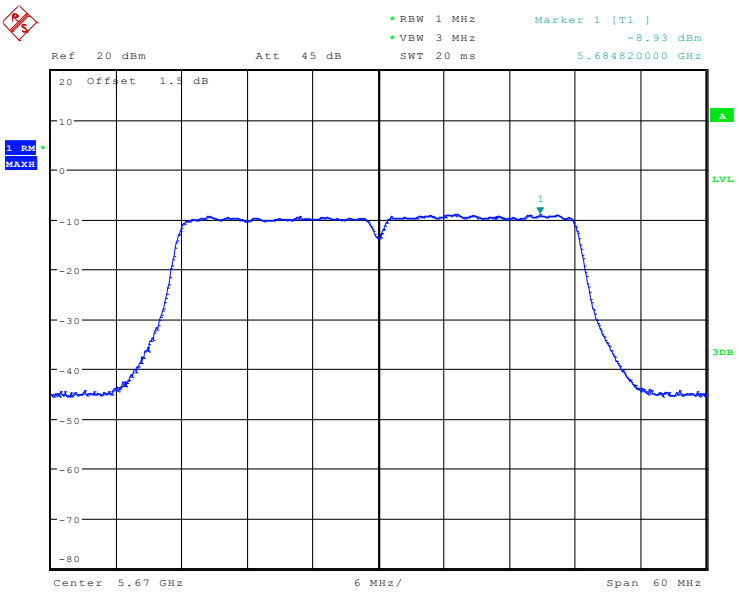
Test mode:	802.11ac40	Frequency(MHz):	5510



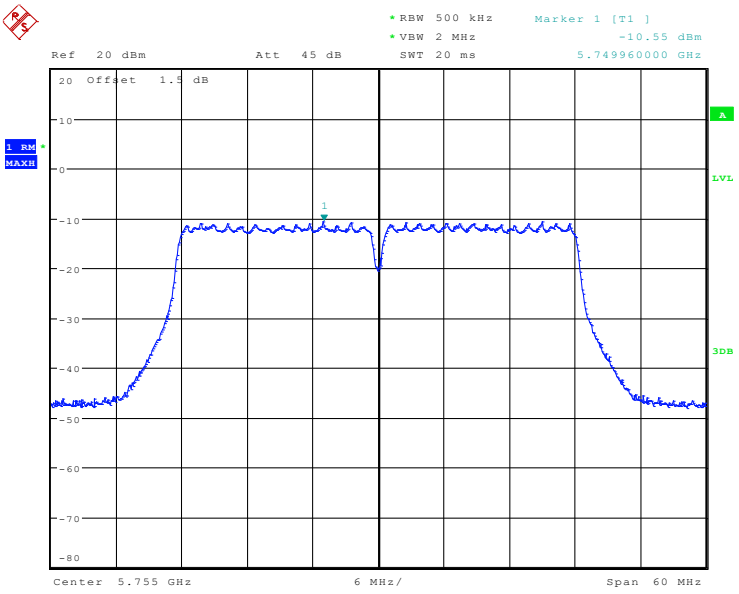
Test mode:	802.11ac40	Frequency(MHz):	5590



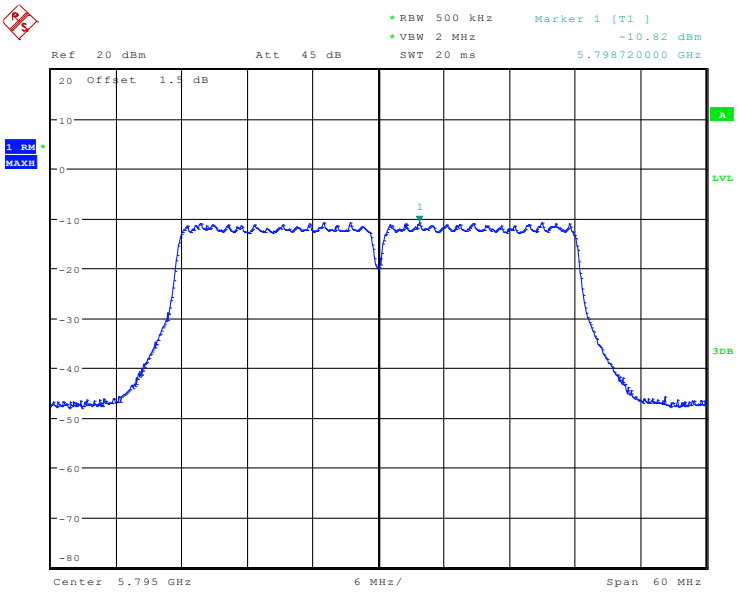
Test mode:	802.11ac40	Frequency(MHz):	5670



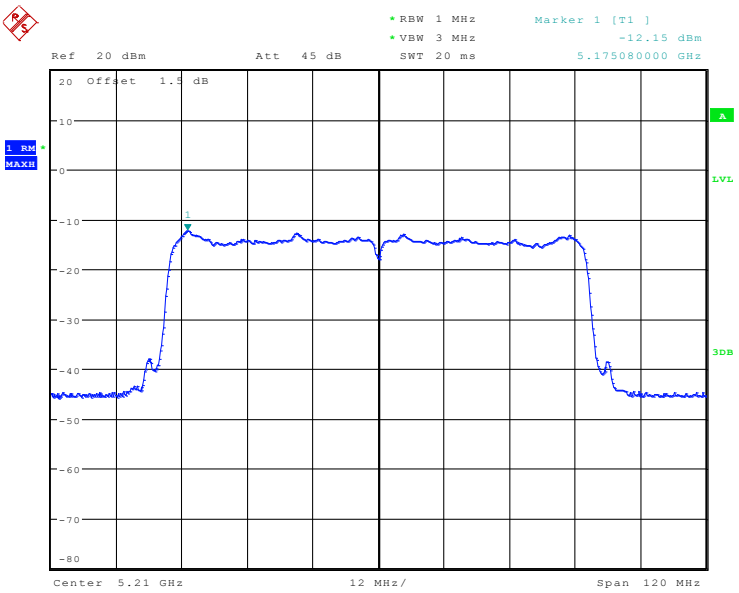
Test mode:	802.11ac40	Frequency(MHz):	5755



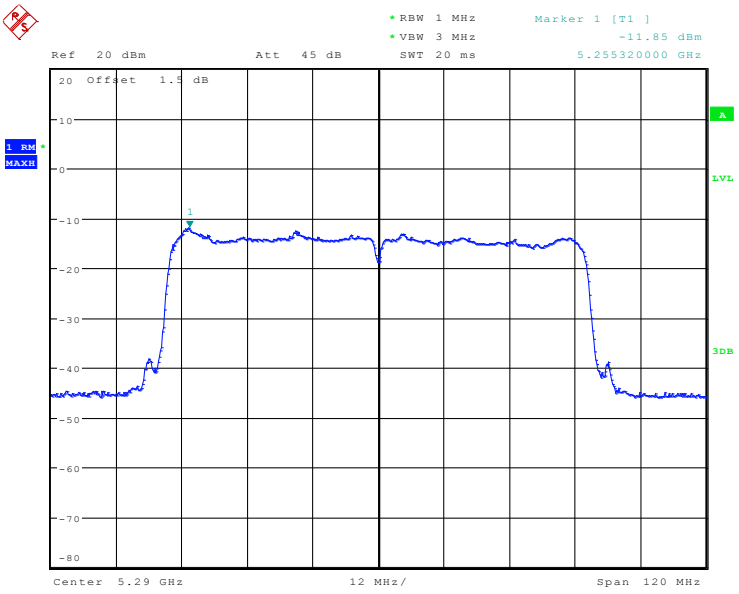
Test mode:	802.11ac40	Frequency(MHz):	5795



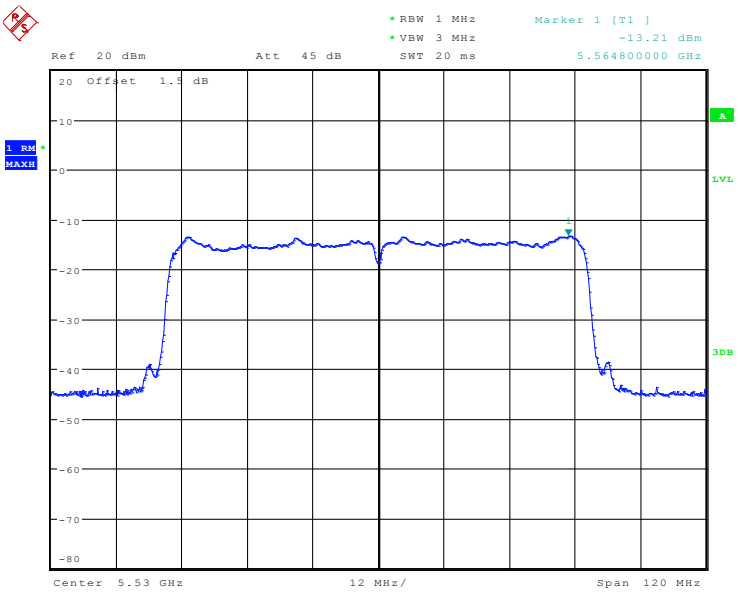
Test mode:	802.11ac80	Frequency(MHz):	5210



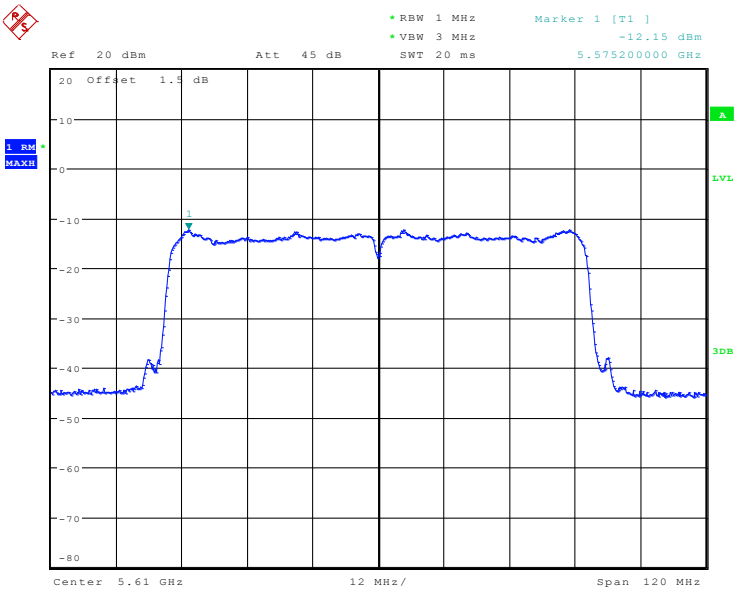
Test mode:	802.11ac80	Frequency(MHz):	5290



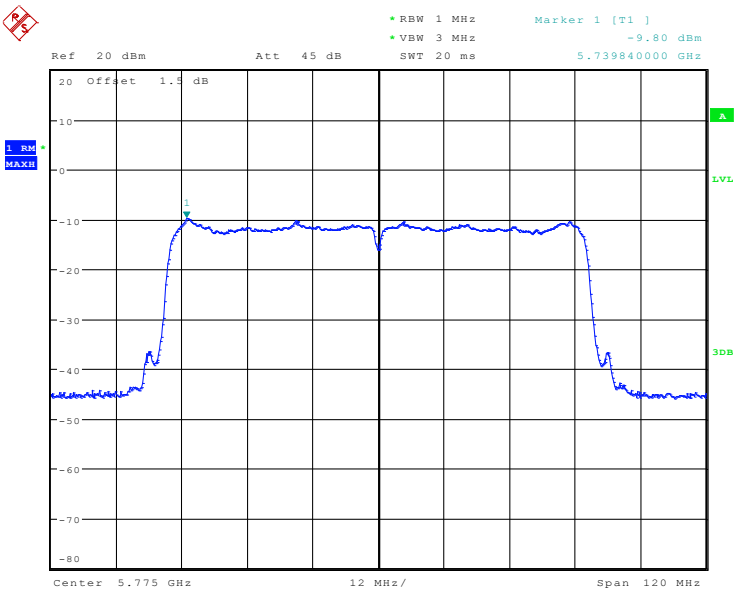
Test mode:	802.11ac80	Frequency(MHz):	5530



Test mode:	802.11ac80	Frequency(MHz):	5610

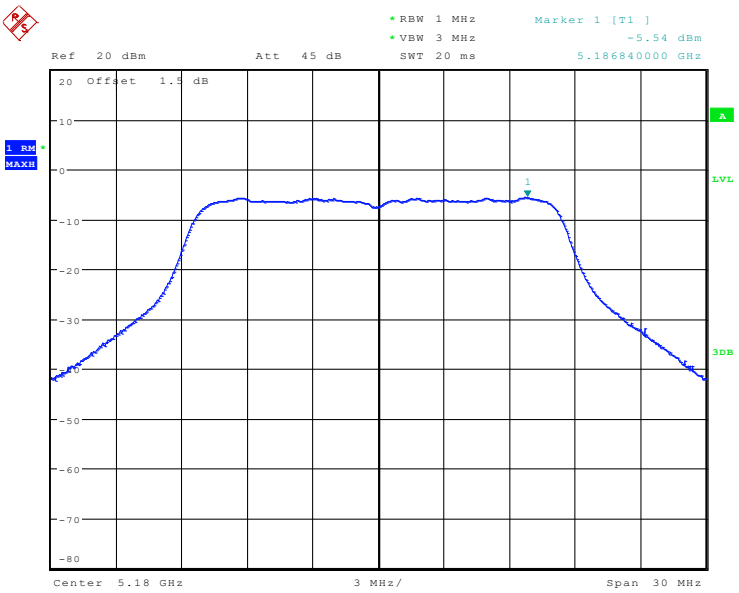


Test mode:	802.11ac80	Frequency(MHz):	5775

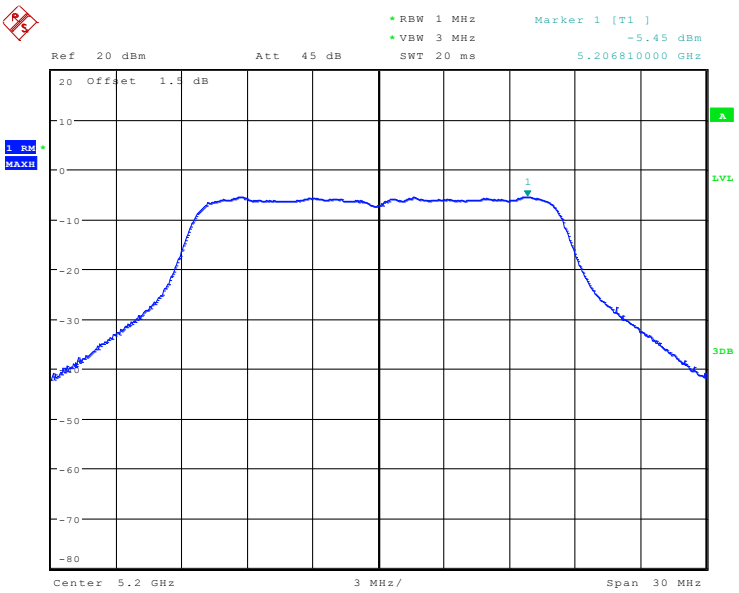


Antenna、 4

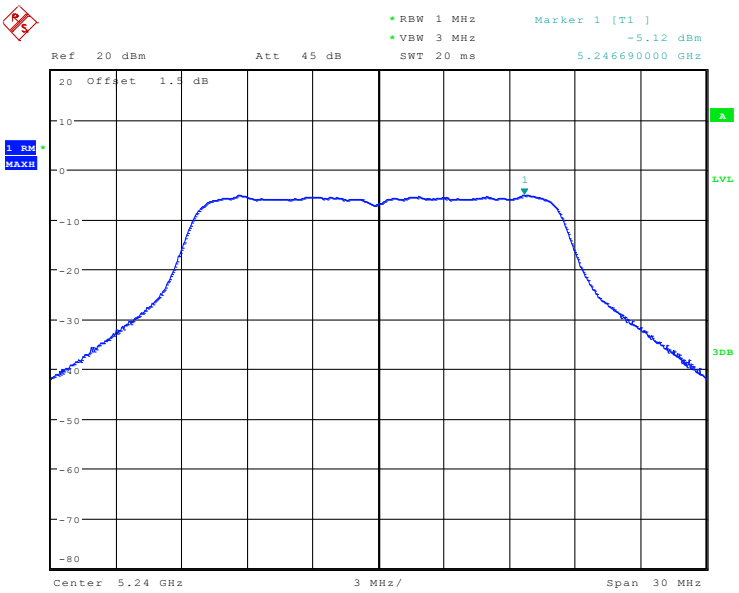
Test mode:	802.11a	Frequency(MHz):	5180



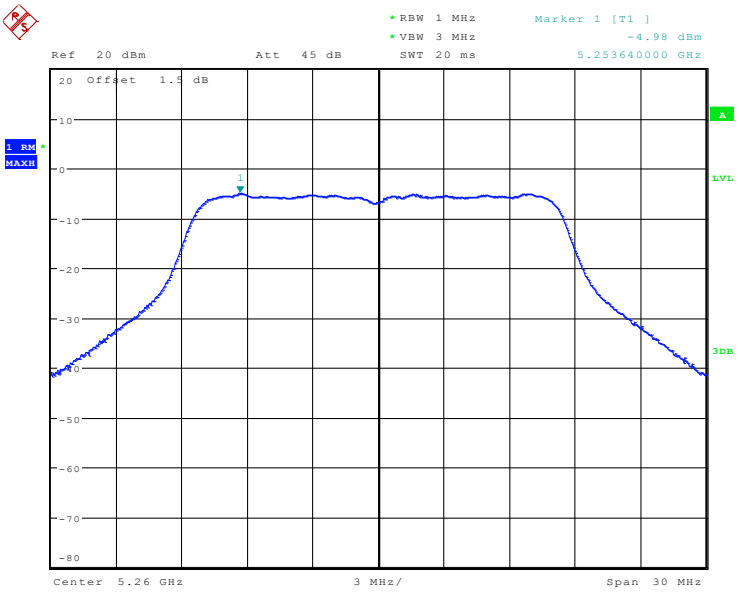
Test mode:	802.11a	Frequency(MHz):	5200



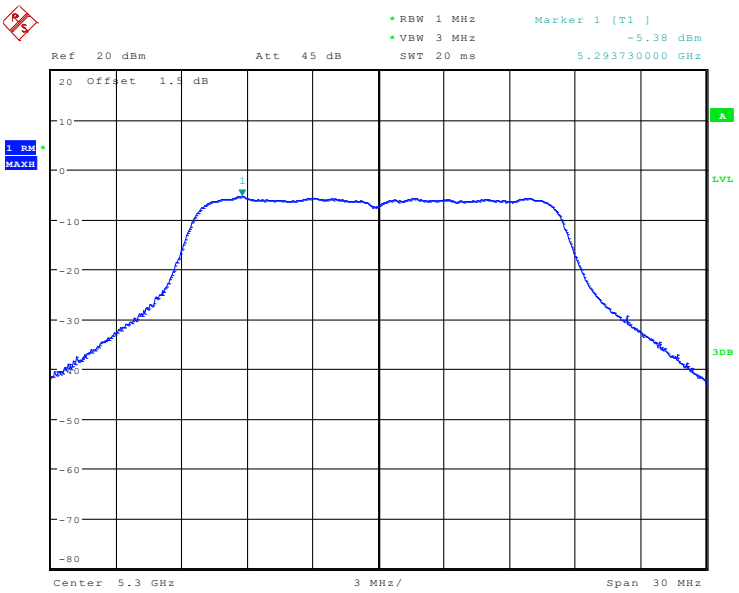
Test mode:	802.11a	Frequency(MHz):	5240



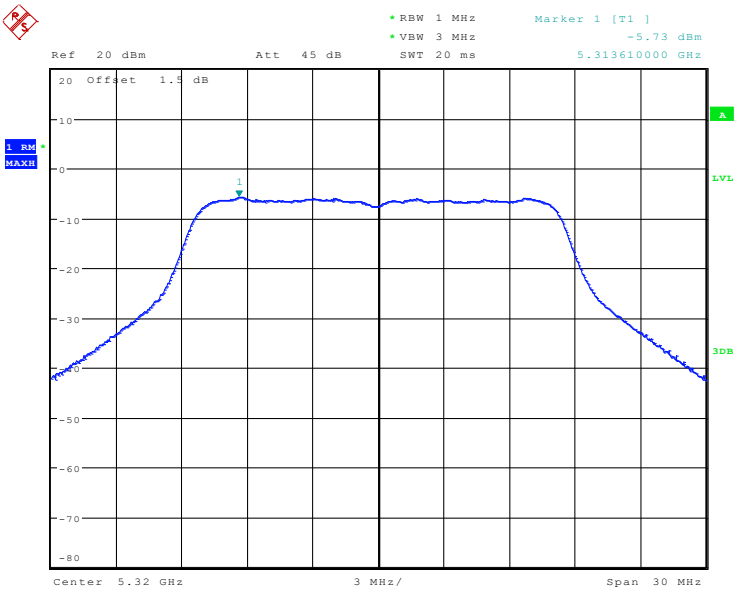
Test mode:	802.11a	Frequency(MHz):	5260



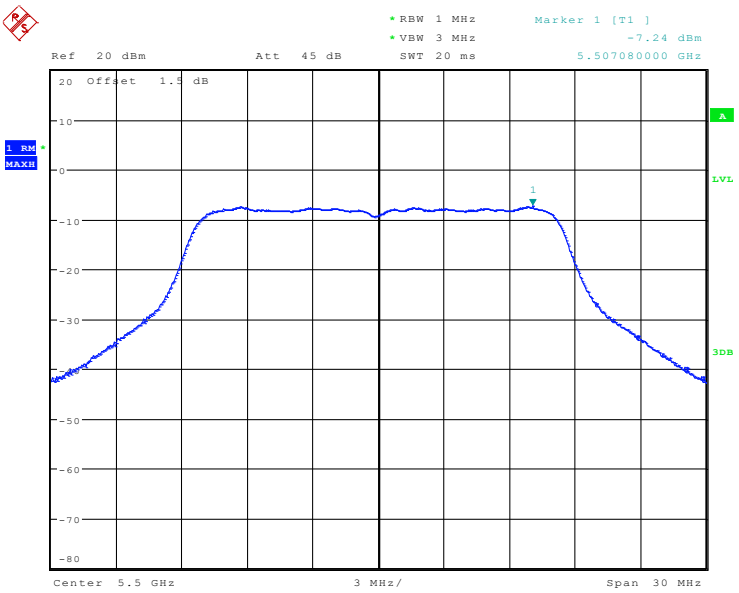
Test mode:	802.11a	Frequency(MHz):	5300



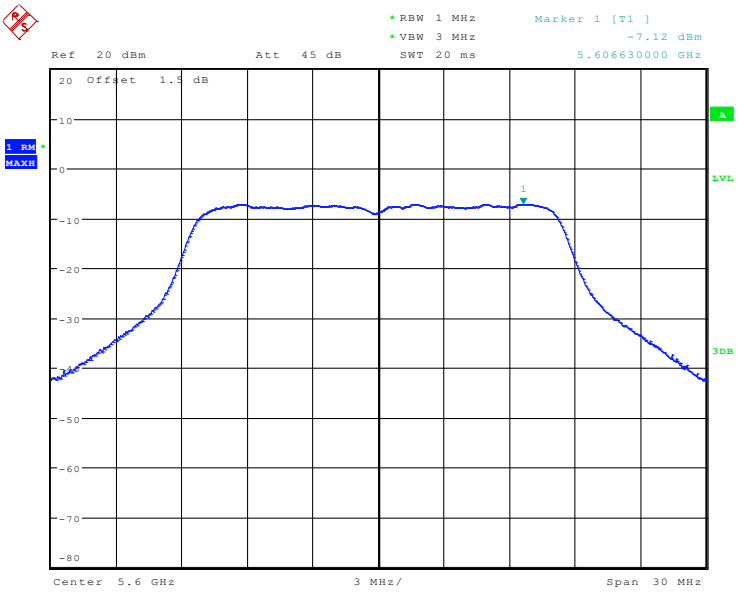
Test mode:	802.11a	Frequency(MHz):	5320



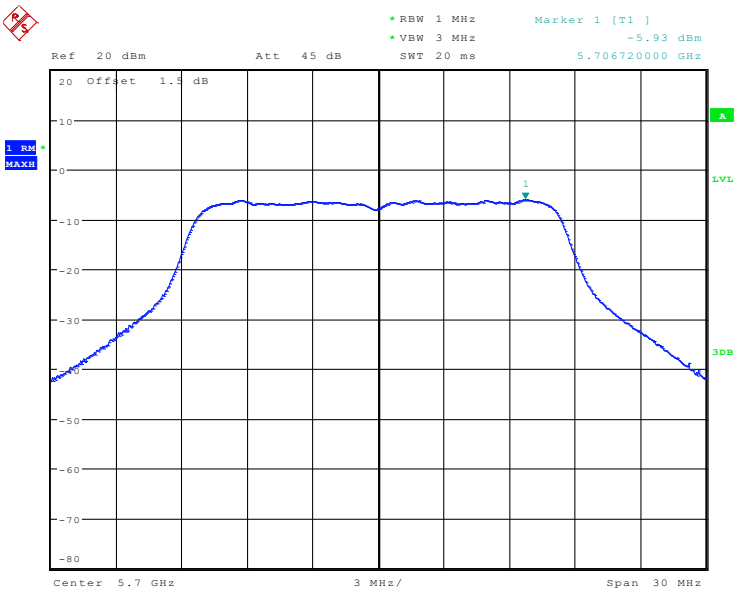
Test mode:	802.11a	Frequency(MHz):	5500



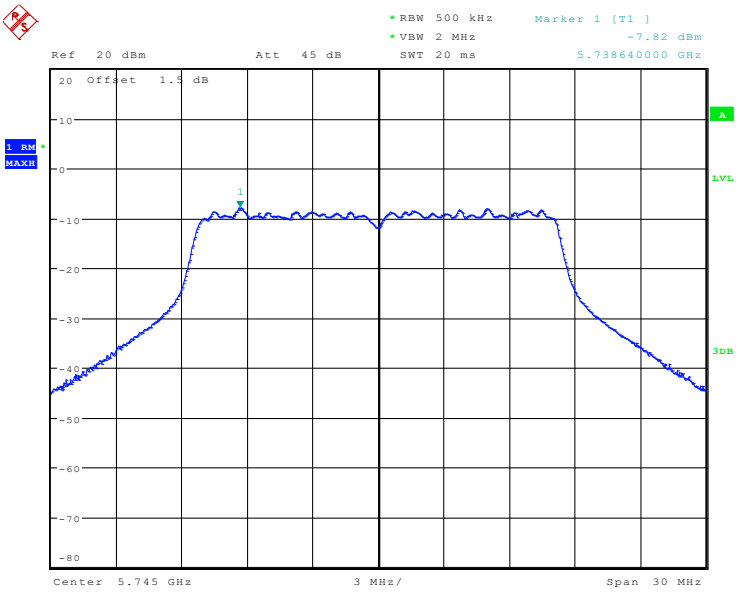
Test mode:	802.11a	Frequency(MHz):	5600



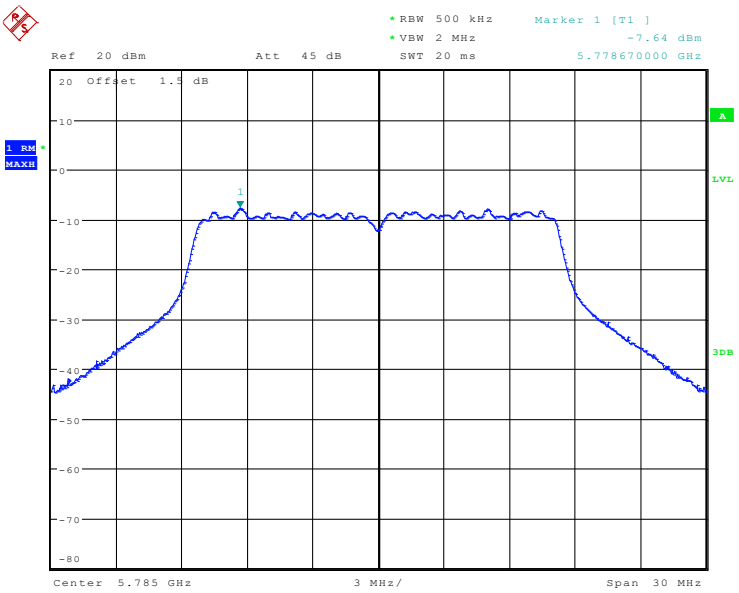
Test mode:	802.11a	Frequency(MHz):	5700



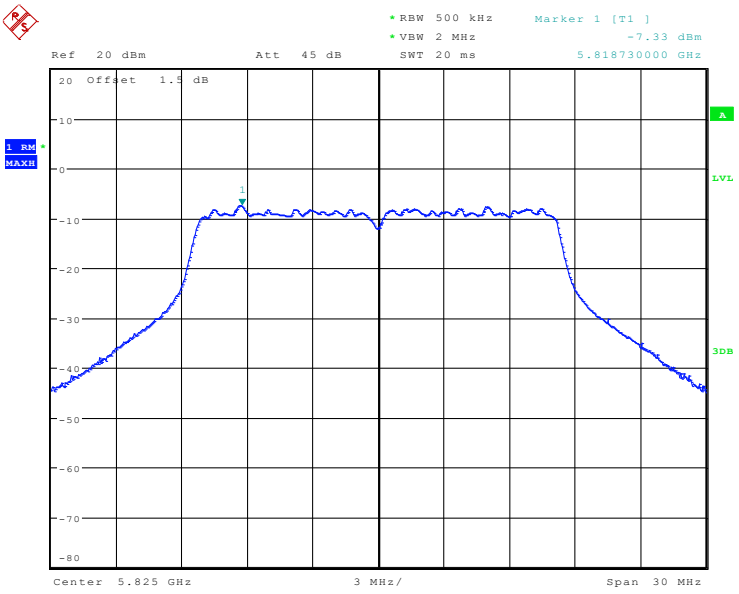
Test mode:	802.11a	Frequency(MHz):	5745



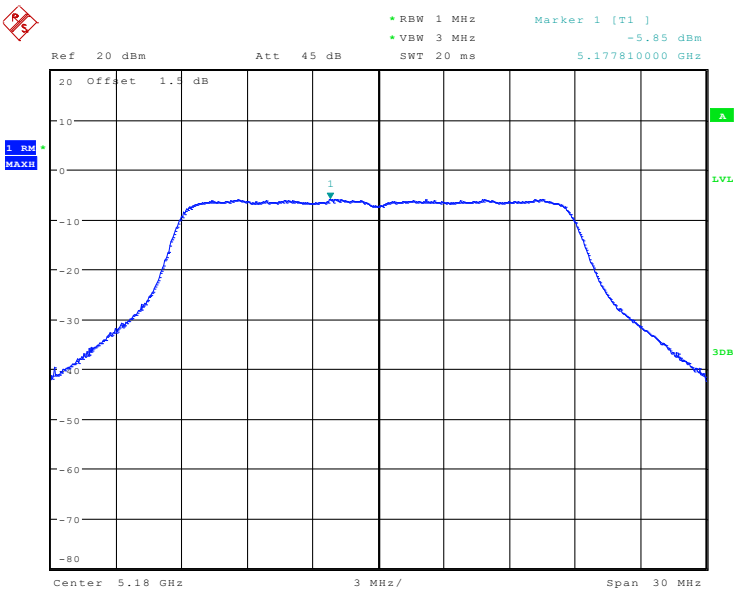
Test mode:	802.11a	Frequency(MHz):	5785



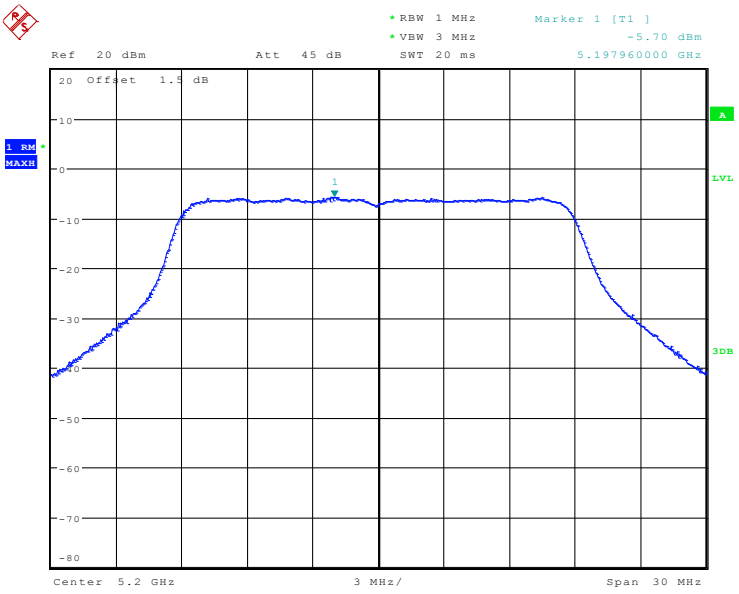
Test mode:	802.11a	Frequency(MHz):	5825



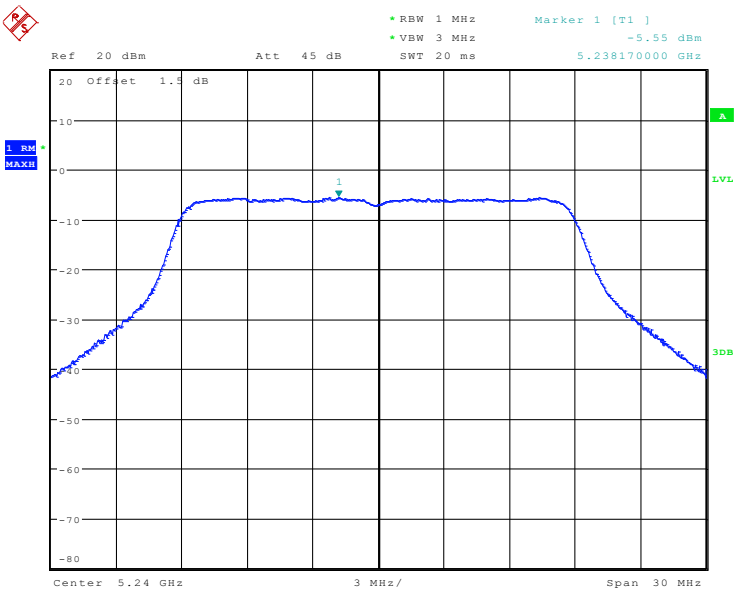
Test mode:	802.11n(HT20)	Frequency(MHz):	5180



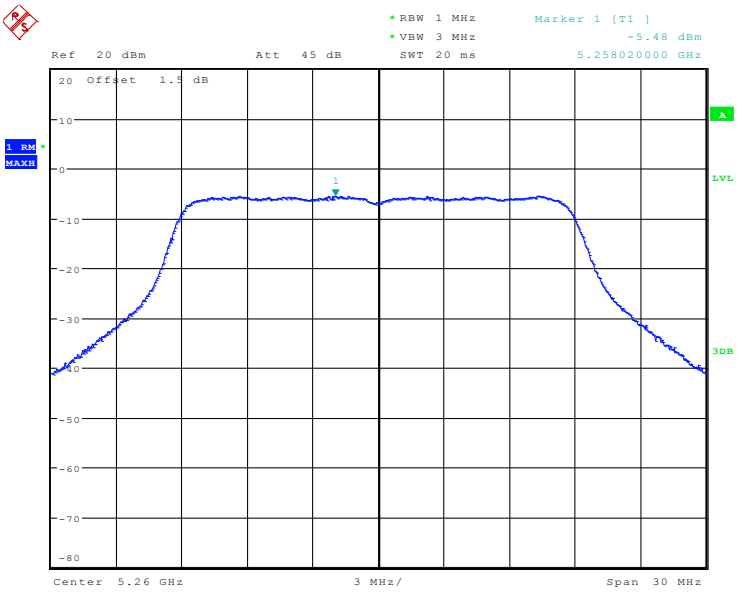
Test mode:	802.11n(HT20)	Frequency(MHz):	5200



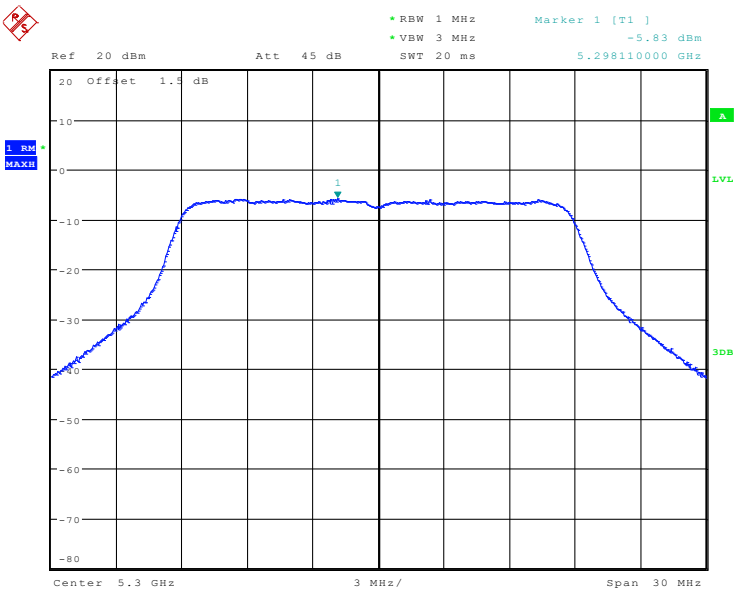
Test mode:	802.11n(HT20)	Frequency(MHz):	5240



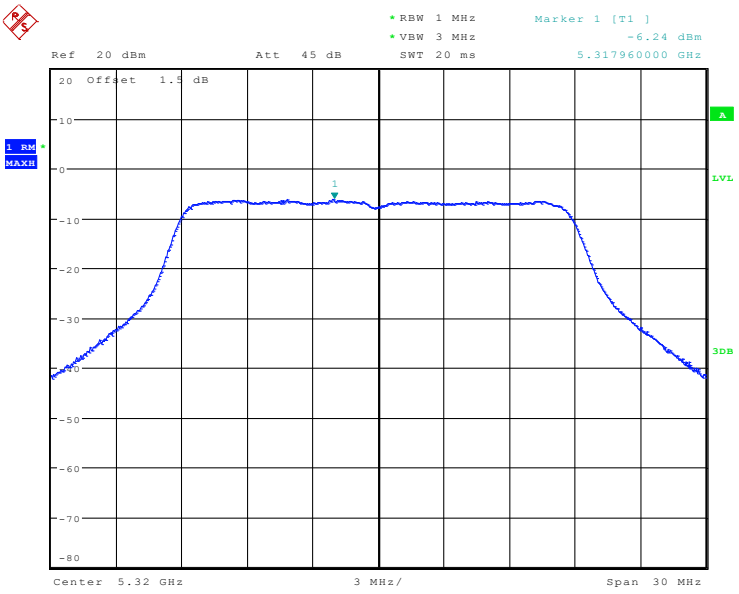
Test mode:	802.11n(HT20)	Frequency(MHz):	5260



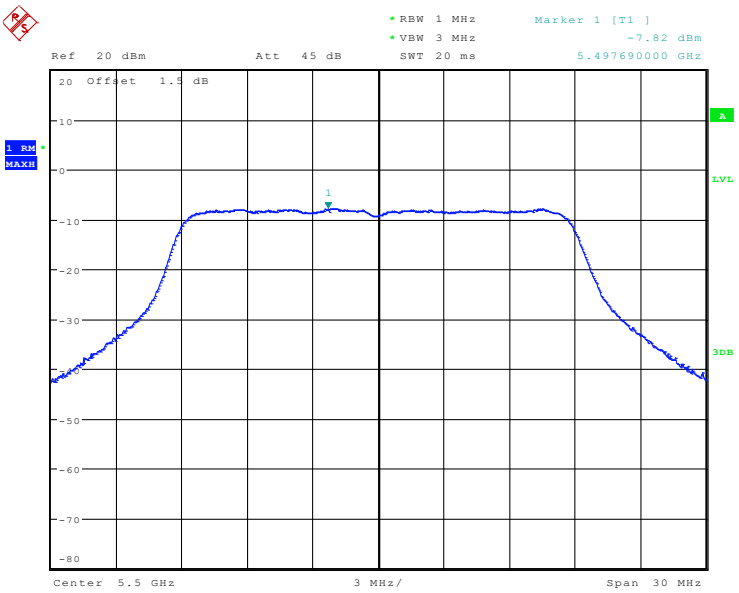
Test mode:	802.11n(HT20)	Frequency(MHz):	5300



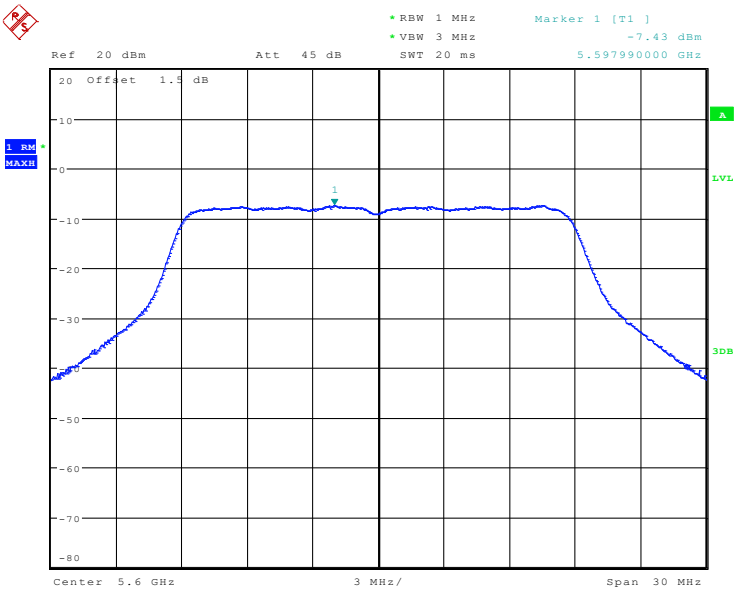
Test mode:	802.11n(HT20)	Frequency(MHz):	5320



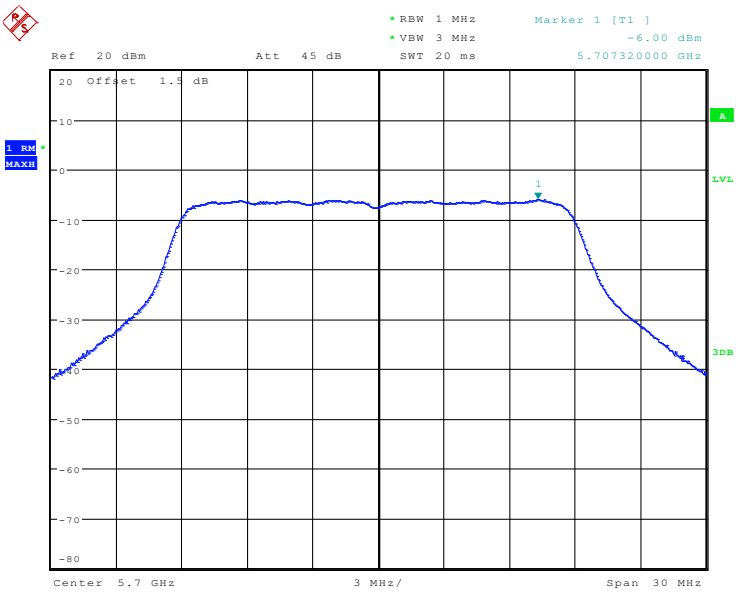
Test mode:	802.11n(HT20)	Frequency(MHz):	5500



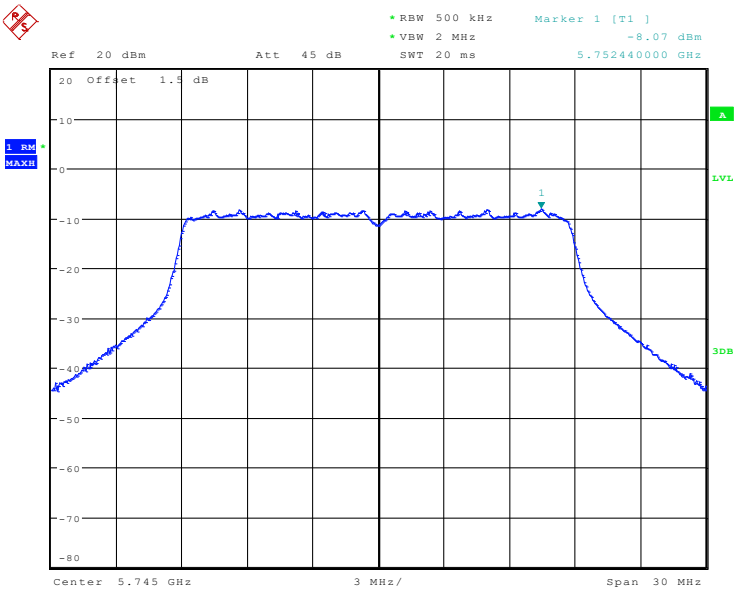
Test mode:	802.11n(HT20)	Frequency(MHz):	5600



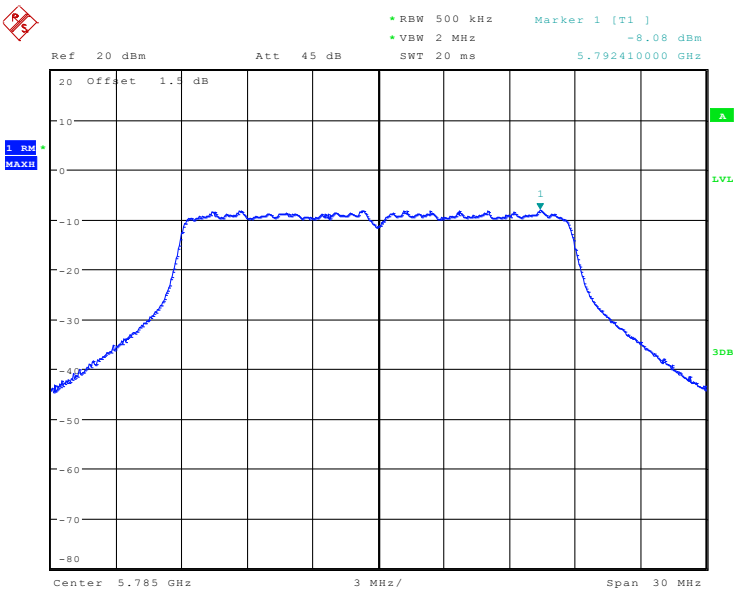
Test mode:	802.11n(HT20)	Frequency(MHz):	5700



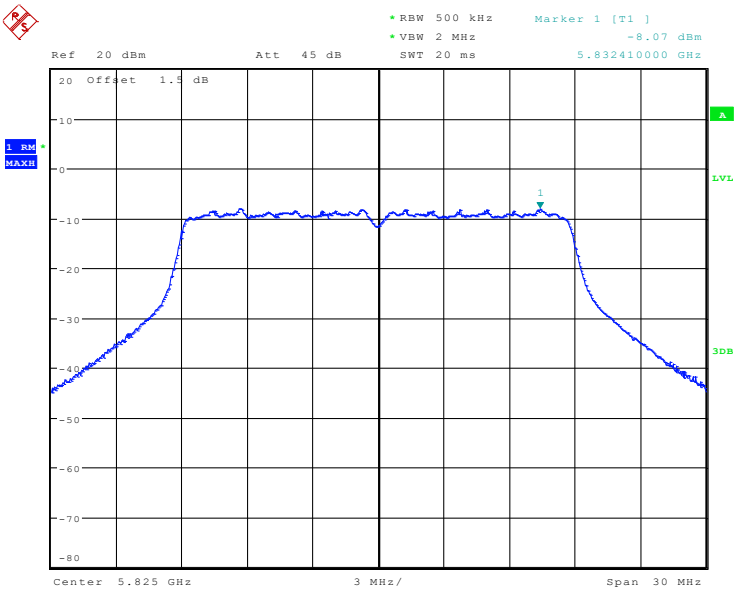
Test mode:	802.11n(HT20)	Frequency(MHz):	5745



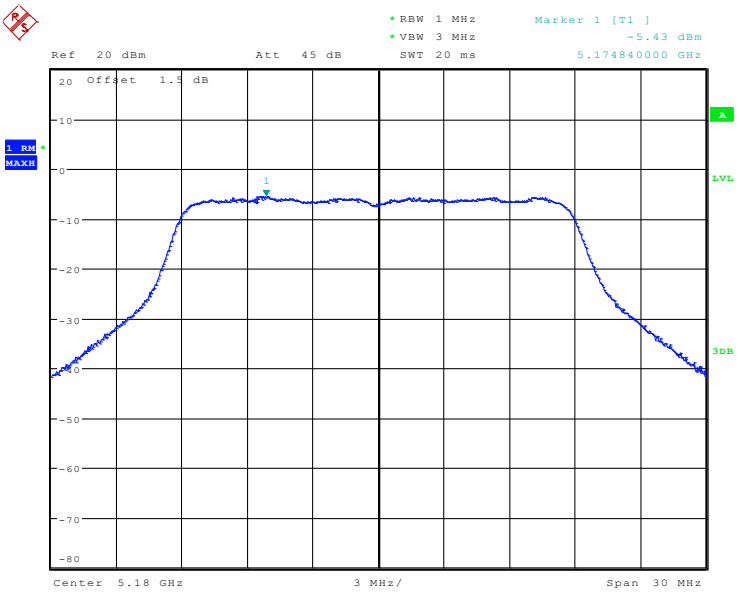
Test mode:	802.11n(HT20)	Frequency(MHz):	5785



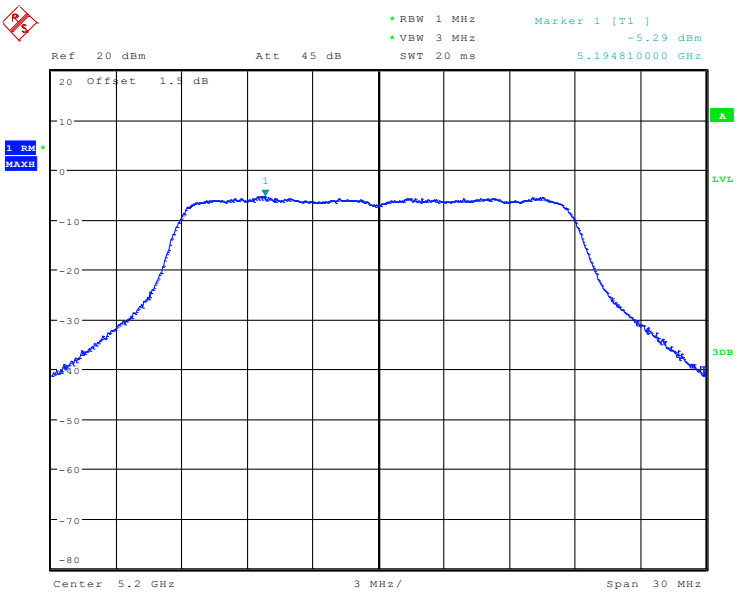
Test mode:	802.11n(HT20)	Frequency(MHz):	5825



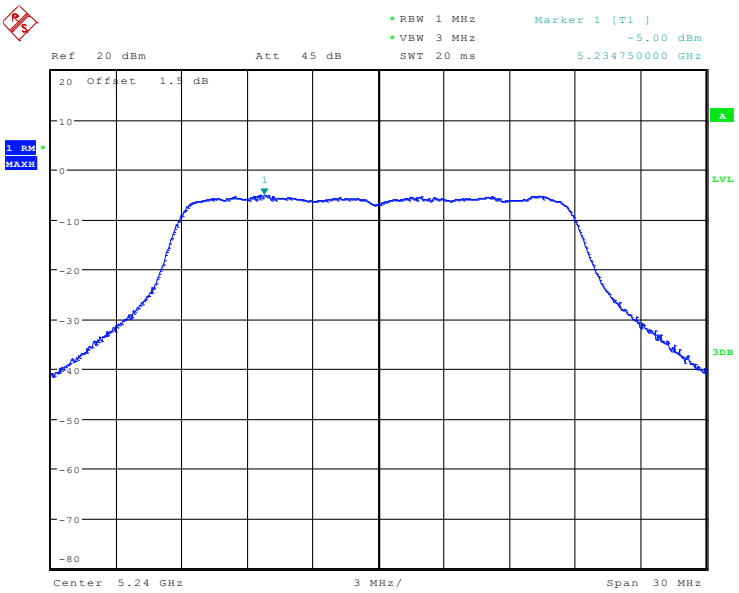
Test mode:	802.11ac20	Frequency(MHz):	5180



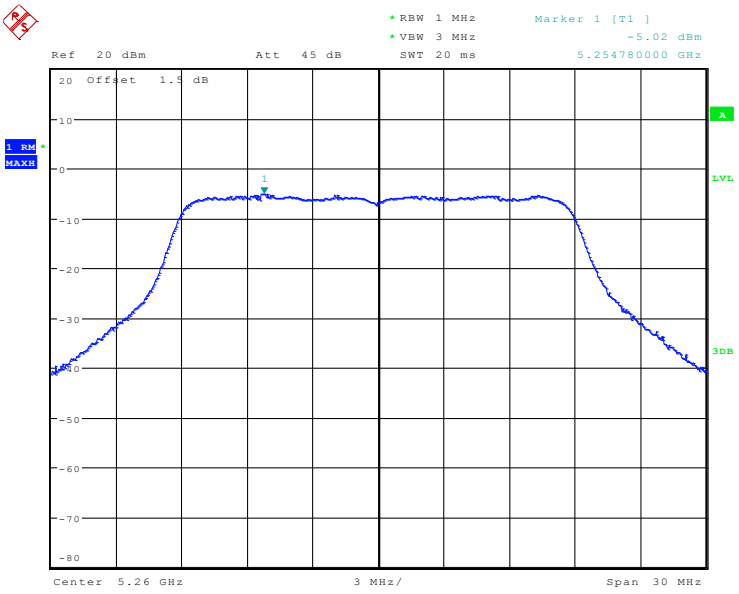
Test mode:	802.11ac20	Frequency(MHz):	5200



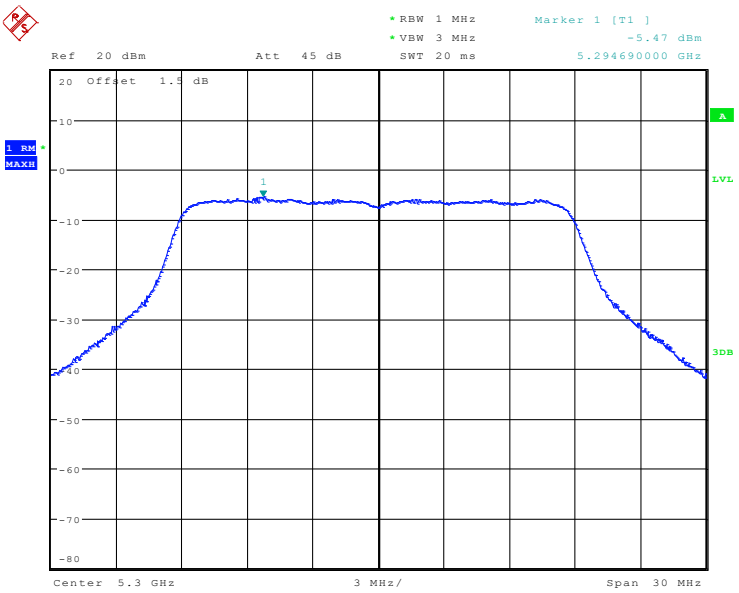
Test mode:	802.11ac20	Frequency(MHz):	5240



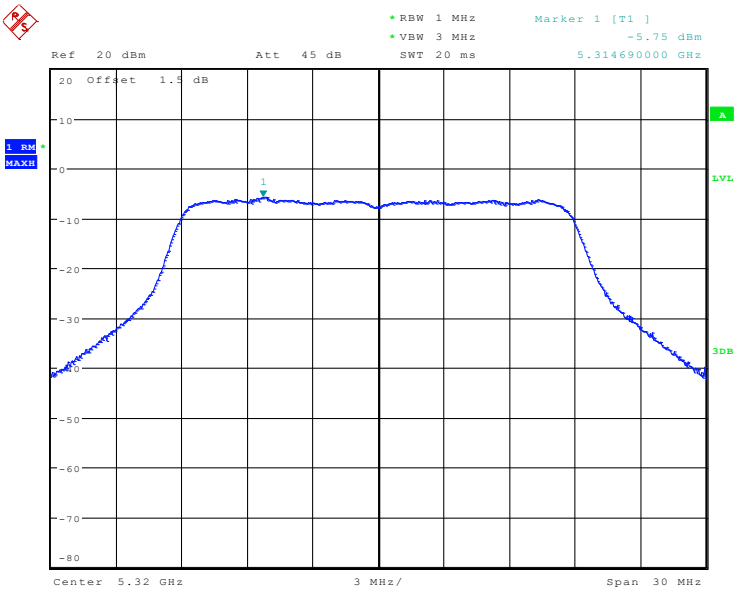
Test mode:	802.11ac20	Frequency(MHz):	5260



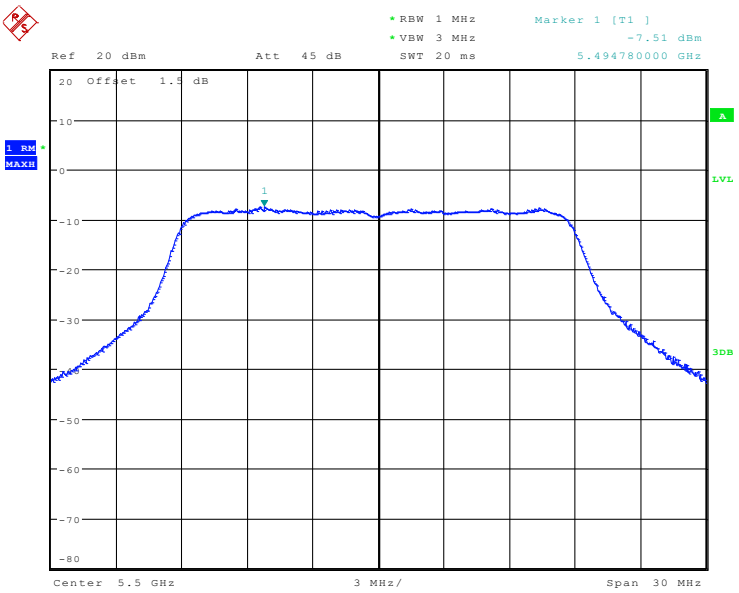
Test mode:	802.11ac20	Frequency(MHz):	5300



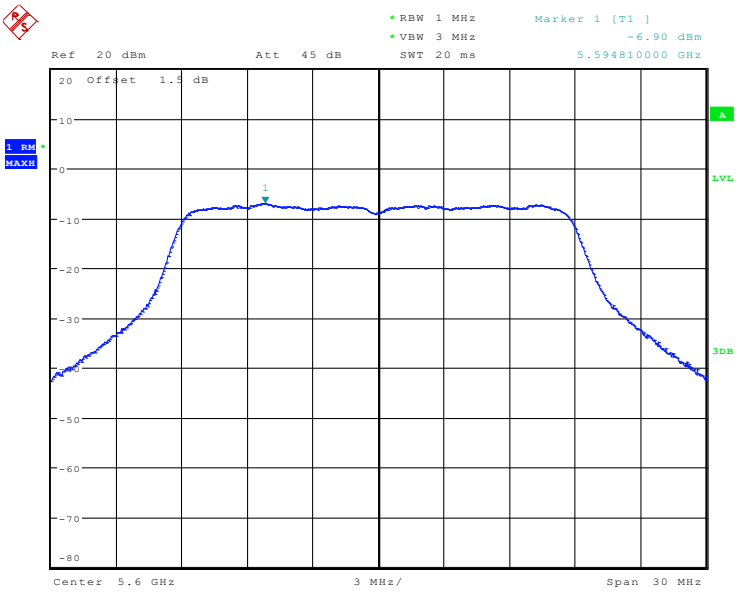
Test mode:	802.11ac20	Frequency(MHz):	5320



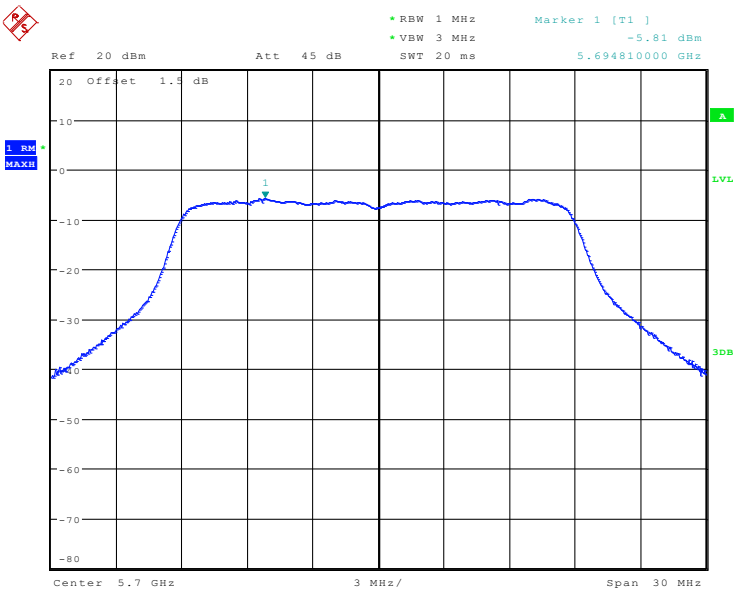
Test mode:	802.11ac20	Frequency(MHz):	5500



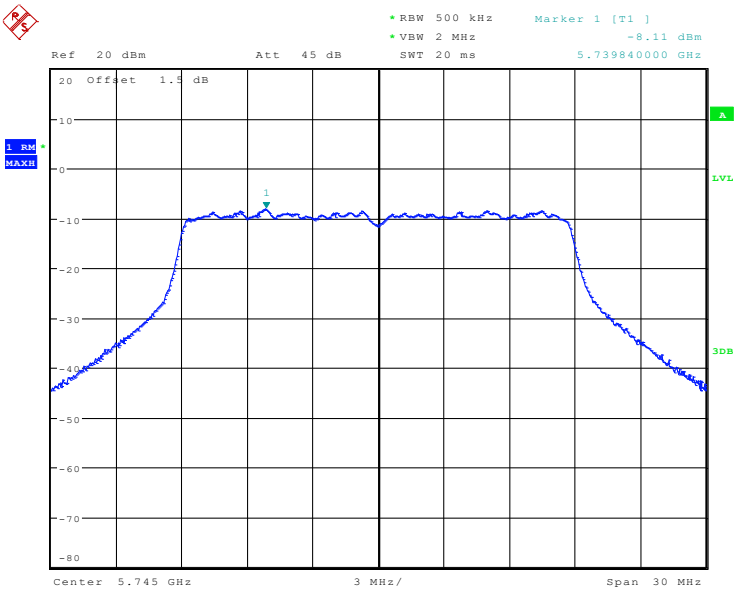
Test mode:	802.11ac20	Frequency(MHz):	5600



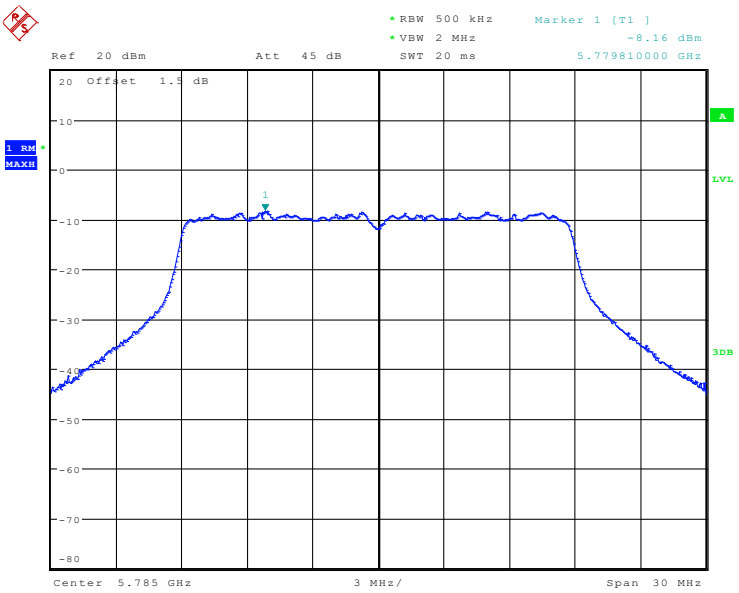
Test mode:	802.11ac20	Frequency(MHz):	5700



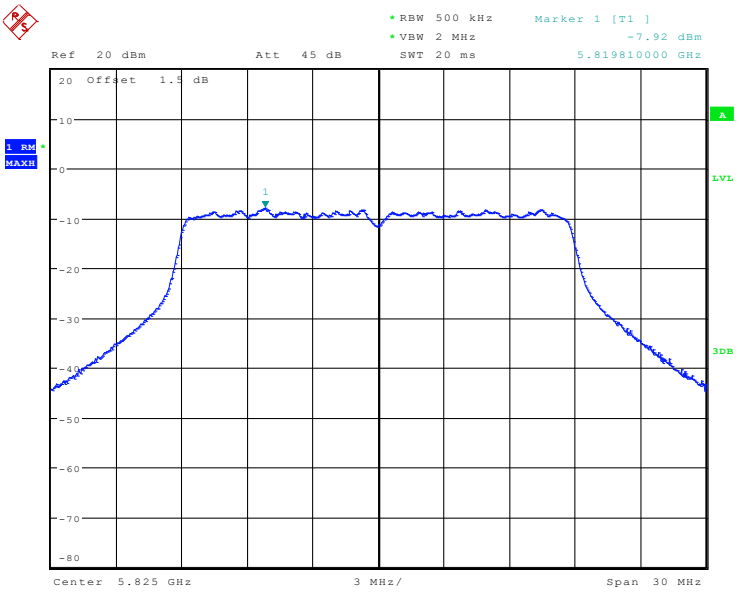
Test mode:	802.11ac20	Frequency(MHz):	5745



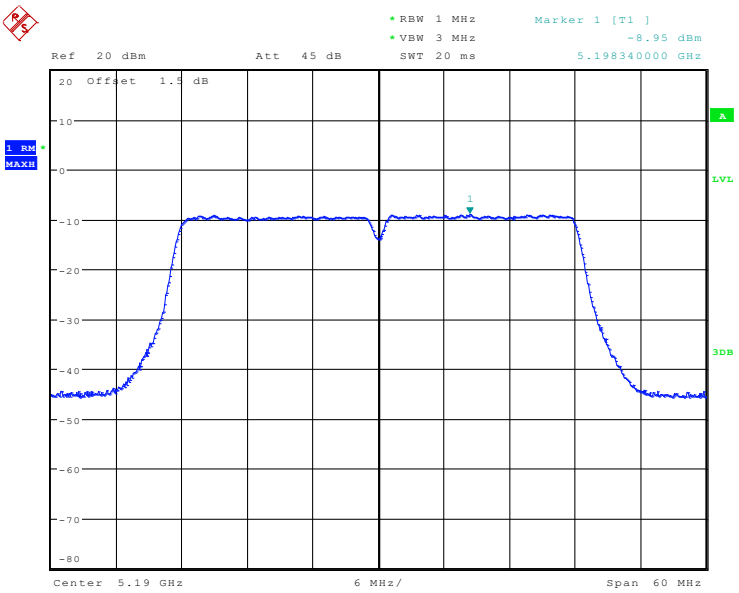
Test mode:	802.11ac20	Frequency(MHz):	5785



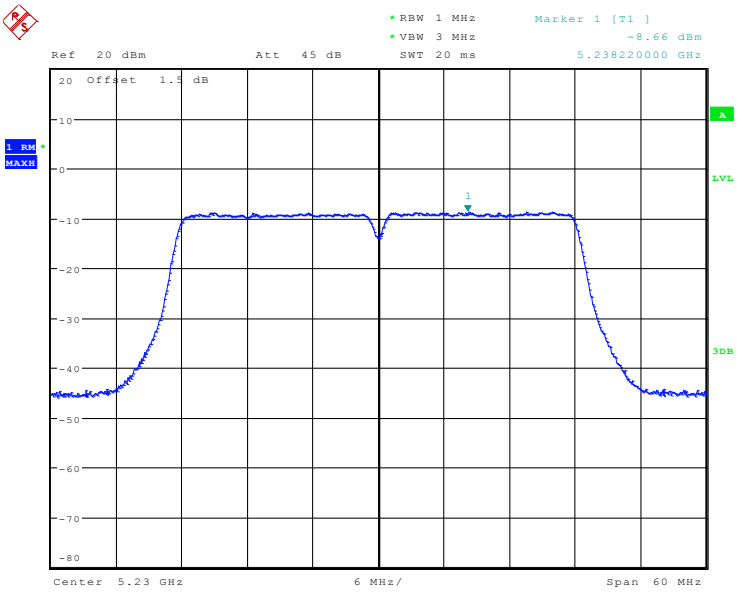
Test mode:	802.11ac20	Frequency(MHz):	5825



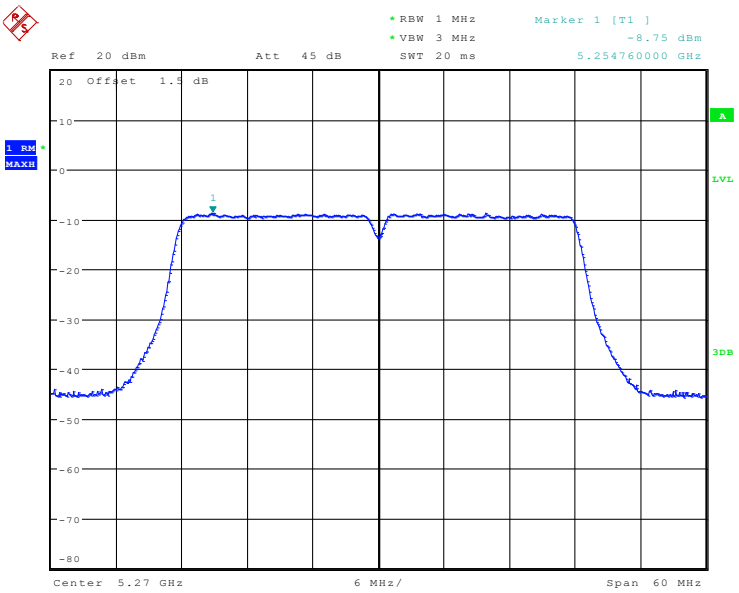
Test mode:	802.11n(HT40)	Frequency(MHz):	5190



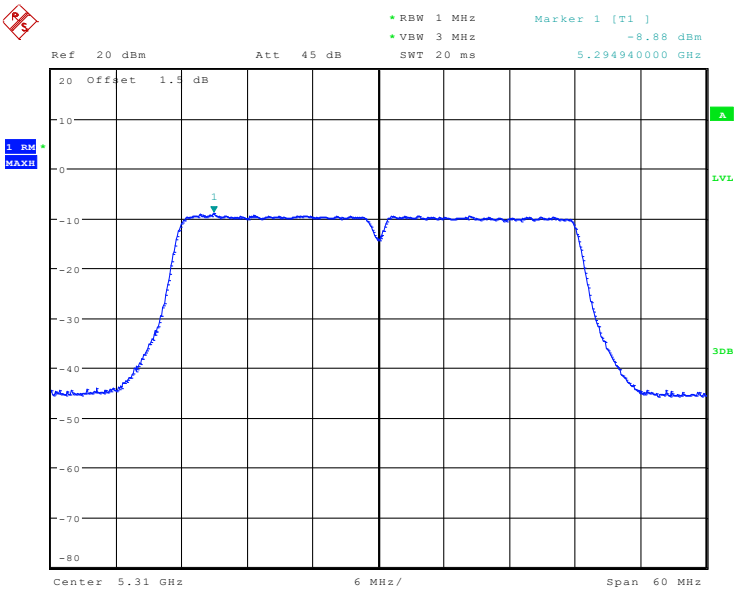
Test mode:	802.11n(HT40)	Frequency(MHz):	5230



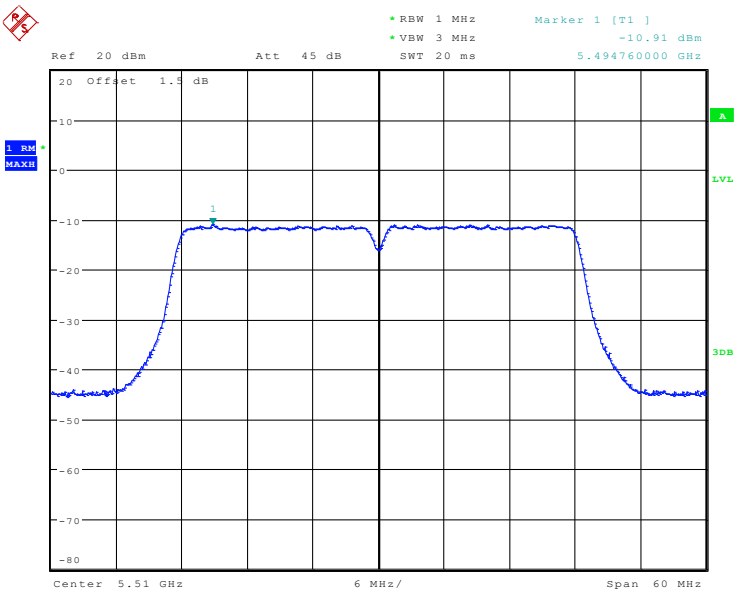
Test mode:	802.11n(HT40)	Frequency(MHz):	5270



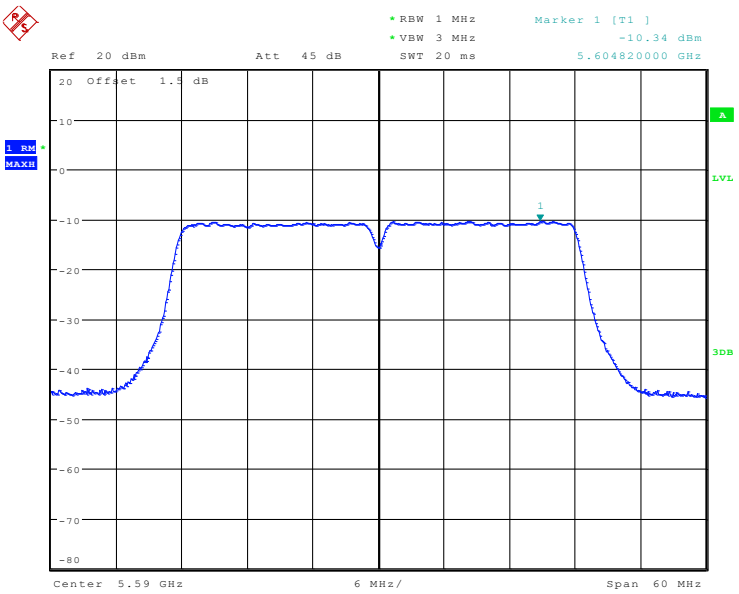
Test mode:	802.11n(HT40)	Frequency(MHz):	5310



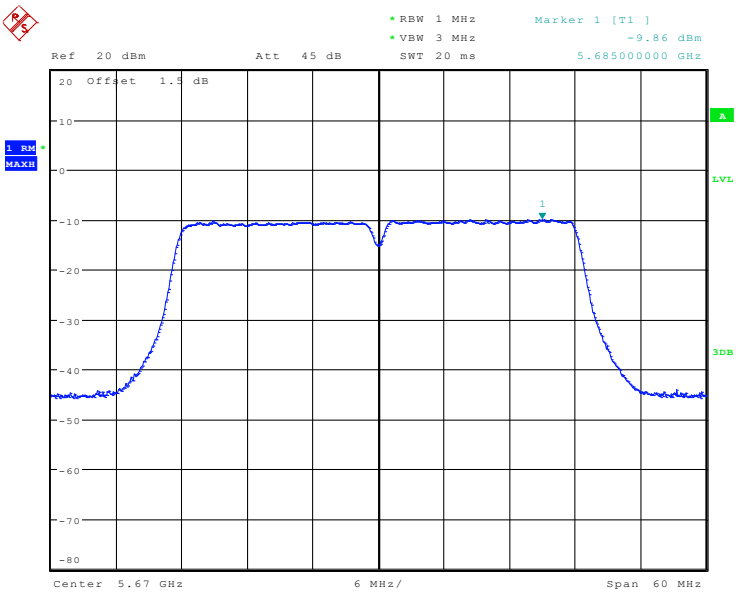
Test mode:	802.11n(HT40)	Frequency(MHz):	5510



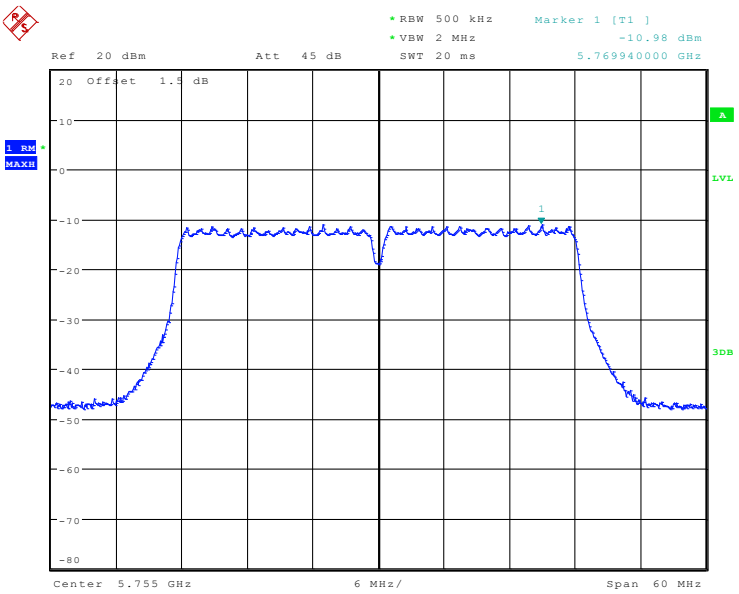
Test mode:	802.11n(HT40)	Frequency(MHz):	5590



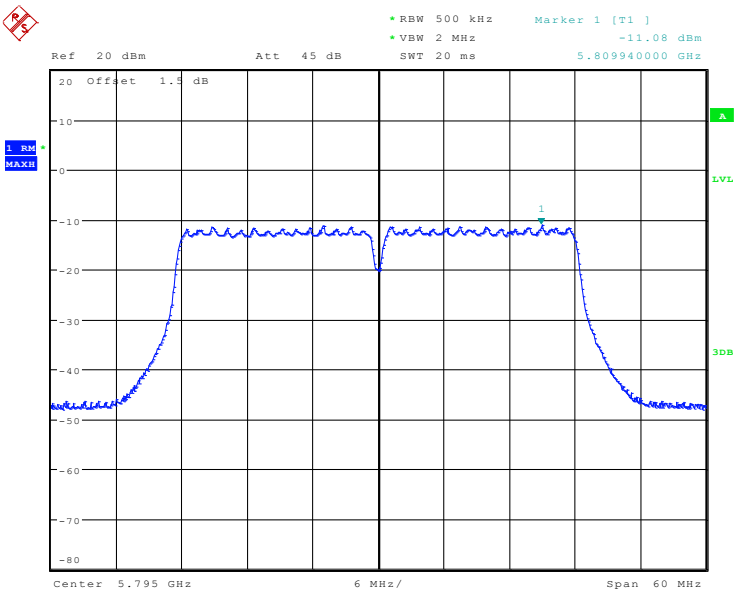
Test mode:	802.11n(HT40)	Frequency(MHz):	5670



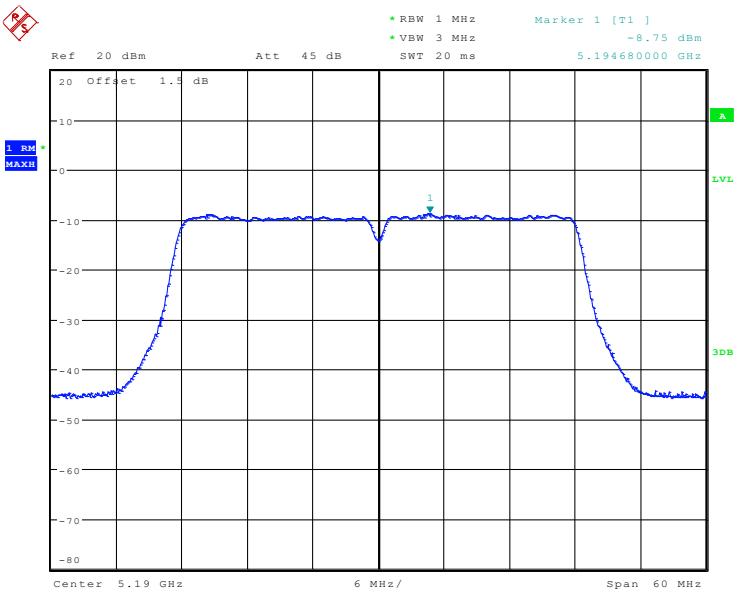
Test mode:	802.11n(HT40)	Frequency(MHz):	5755



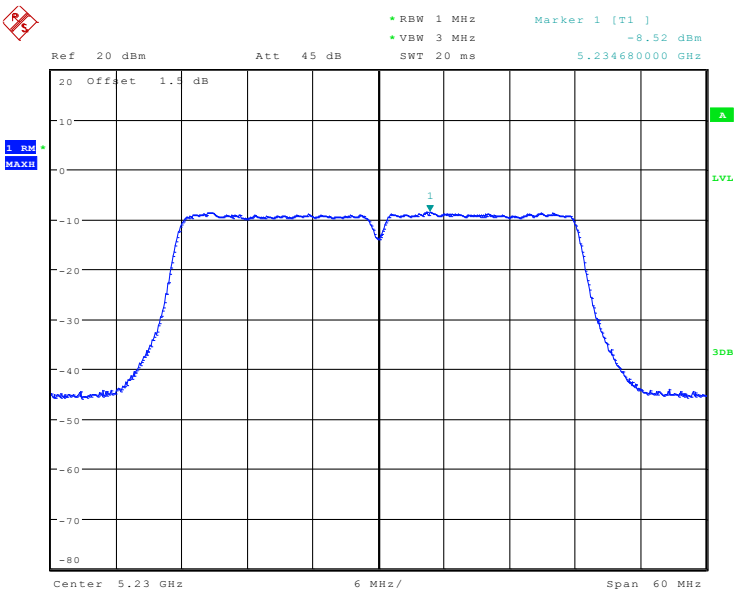
Test mode:	802.11n(HT40)	Frequency(MHz):	5795



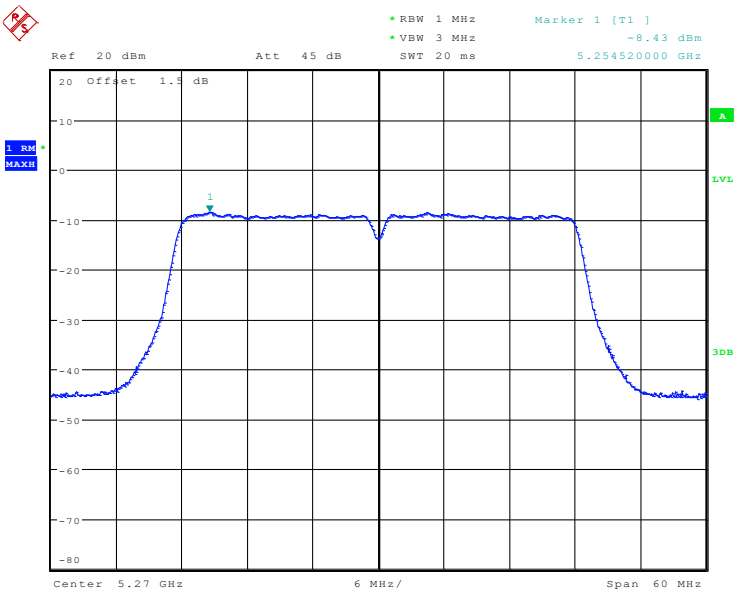
Test mode:	802.11ac40	Frequency(MHz):	5190



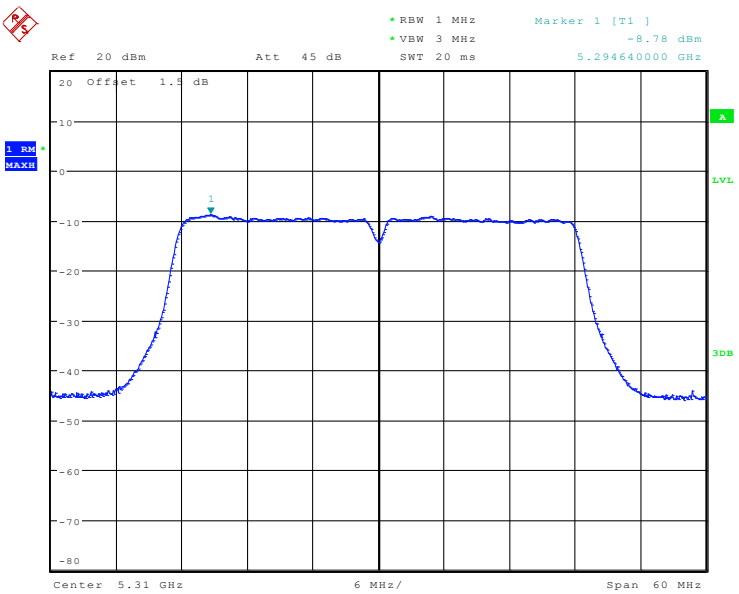
Test mode:	802.11ac40	Frequency(MHz):	5230



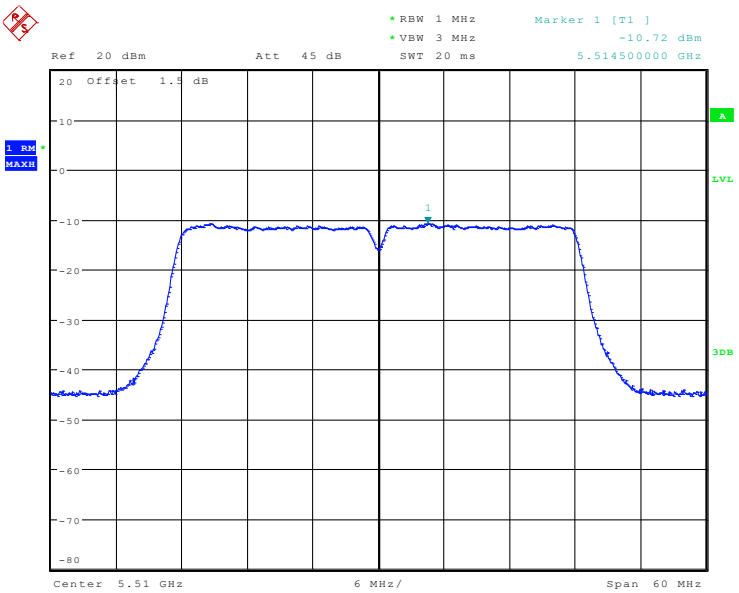
Test mode:	802.11ac40	Frequency(MHz):	5270



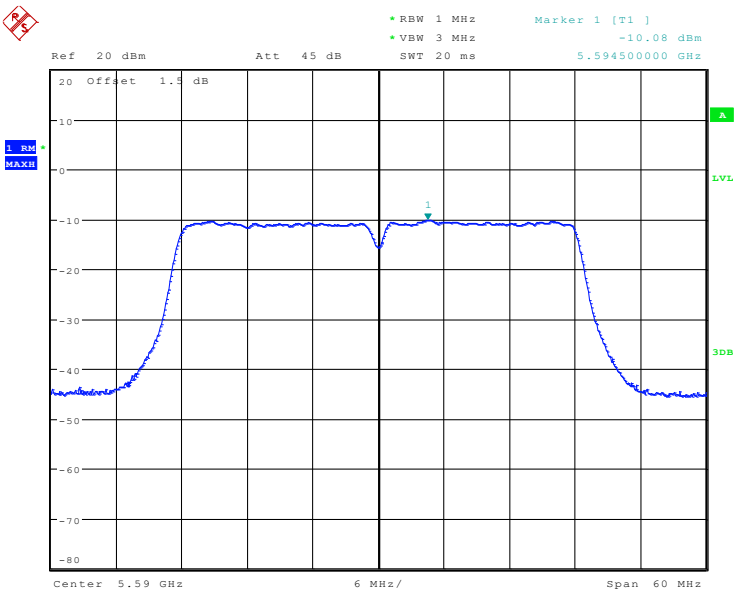
Test mode:	802.11ac40	Frequency(MHz):	5310



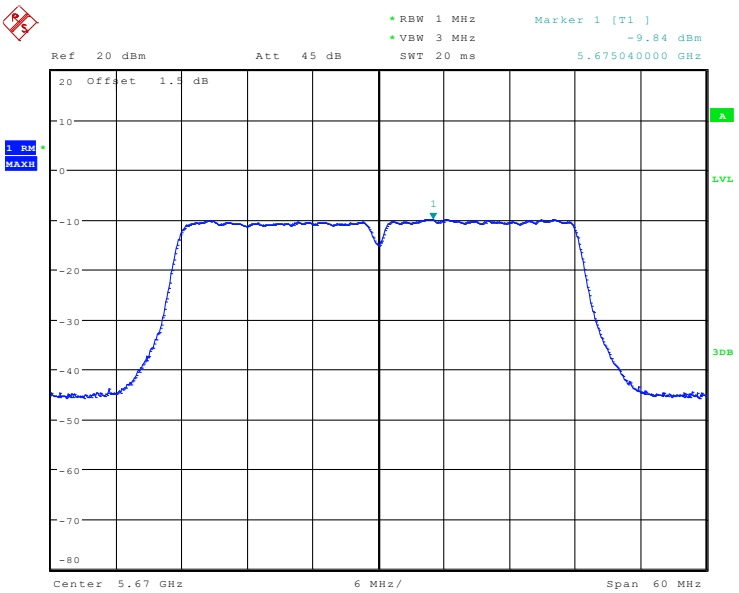
Test mode:	802.11ac40	Frequency(MHz):	5510



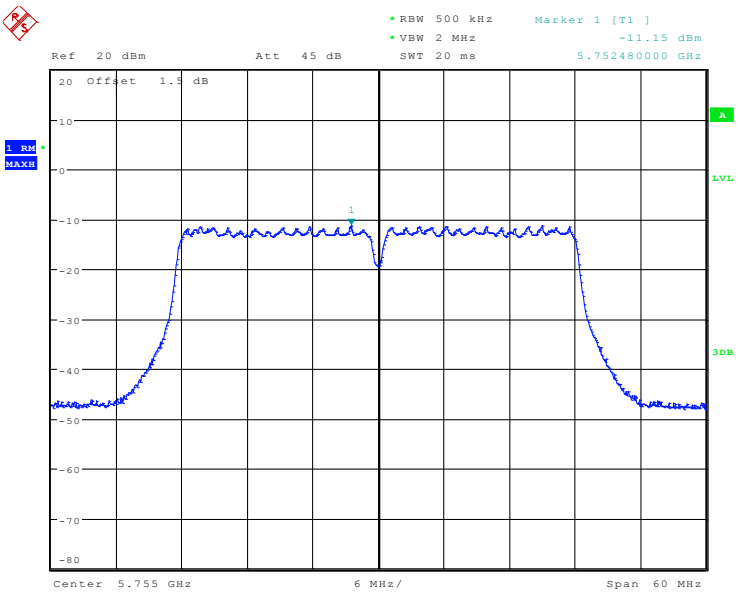
Test mode:	802.11ac40	Frequency(MHz):	5590



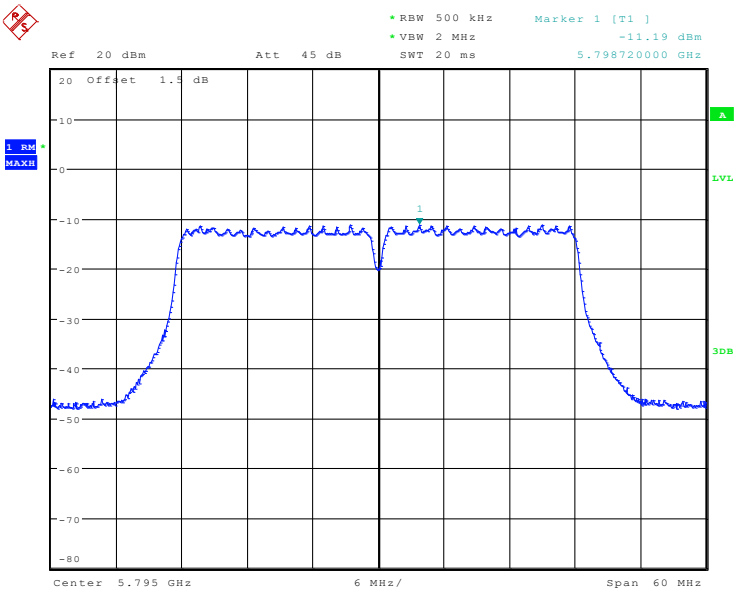
Test mode:	802.11ac40	Frequency(MHz):	5670



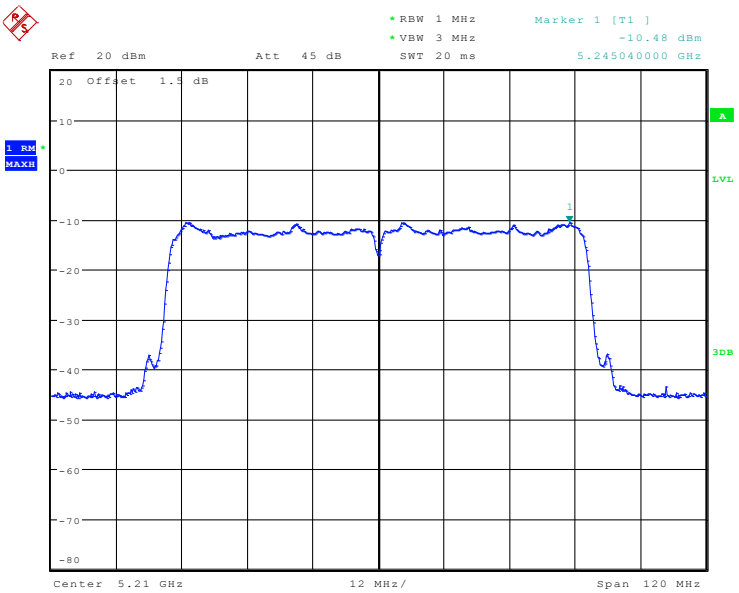
Test mode:	802.11ac40	Frequency(MHz):	5755



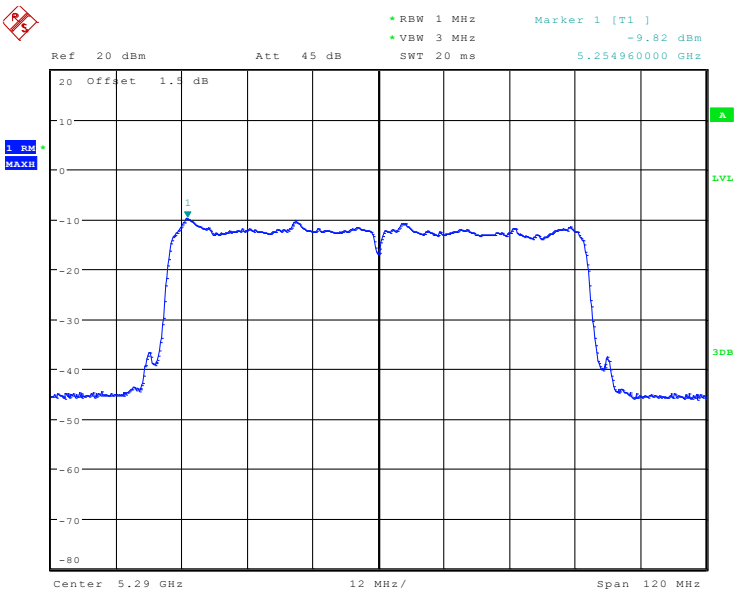
Test mode:	802.11ac40	Frequency(MHz):	5795



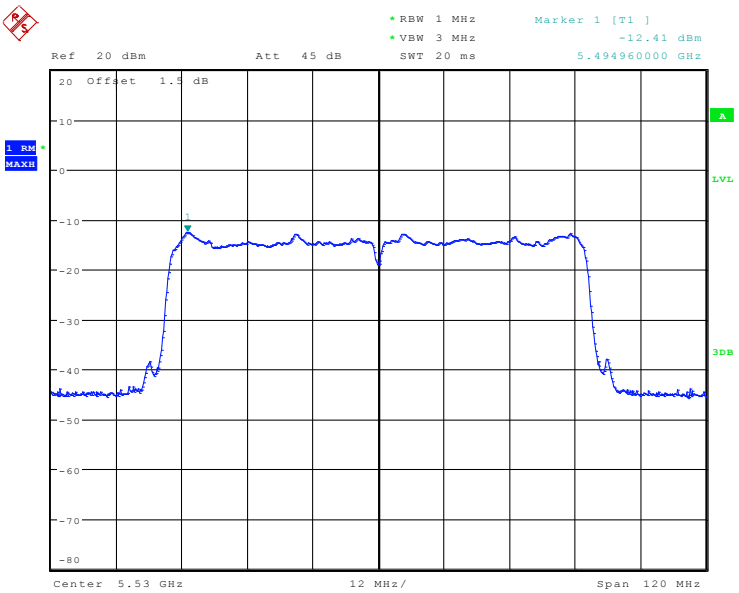
Test mode:	802.11ac80	Frequency(MHz):	5210



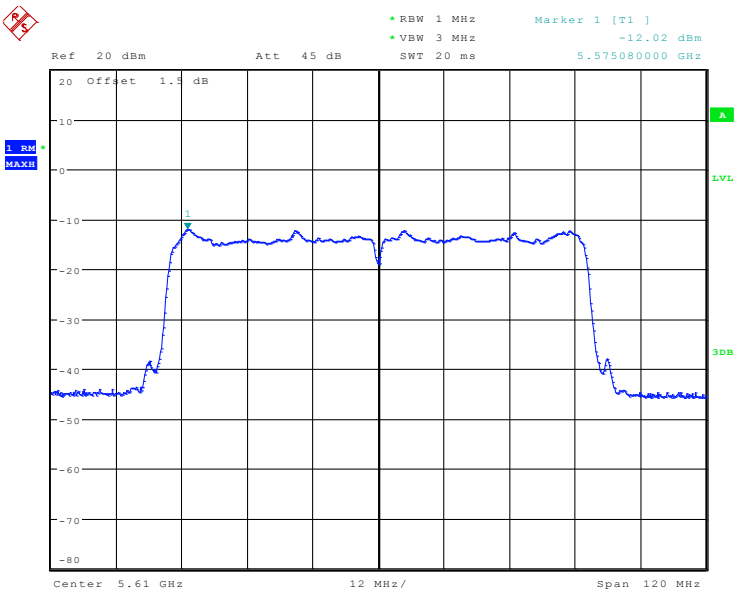
Test mode:	802.11ac80	Frequency(MHz):	5290



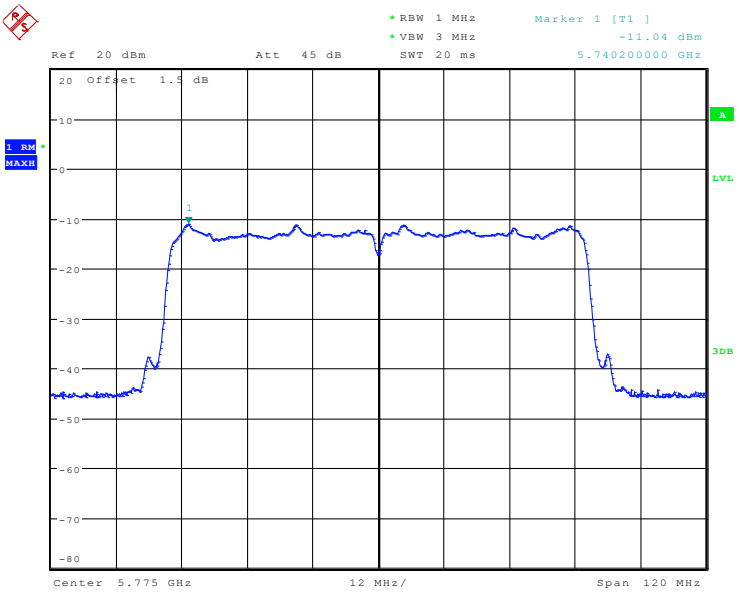
Test mode:	802.11ac80	Frequency(MHz):	5530



Test mode:	802.11ac80	Frequency(MHz):	5610



Test mode:	802.11ac80	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:	

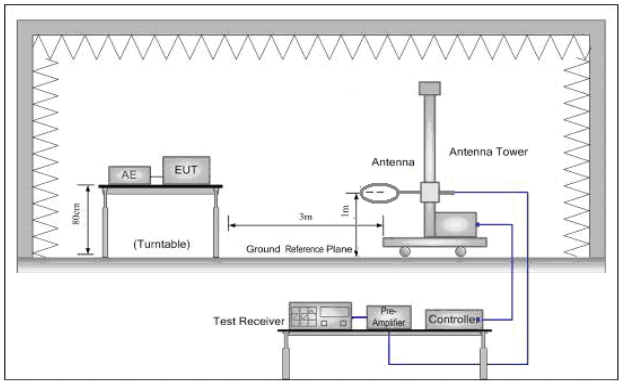


Figure 1. Below 30MHz

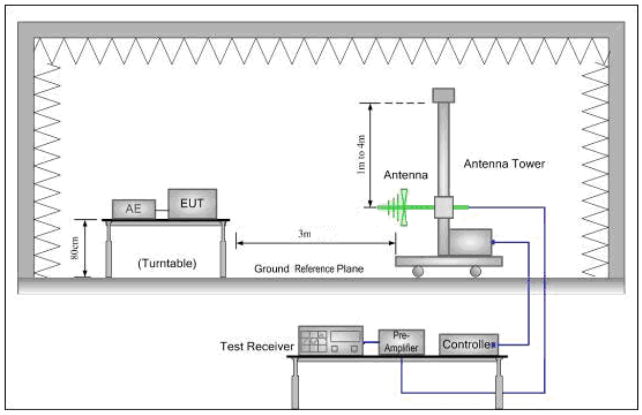


Figure 2. 30MHz to 1GHz

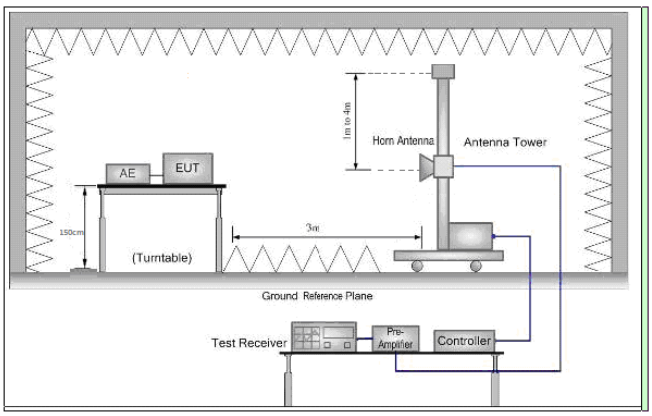


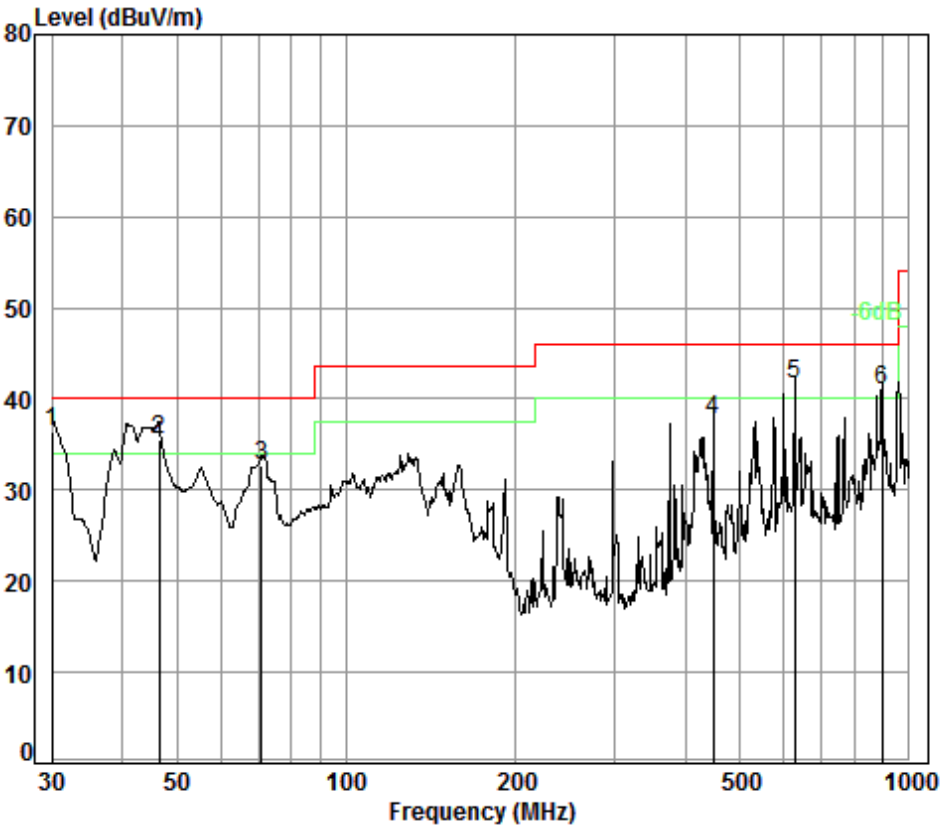
Figure 3. Above 1 GHz

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; MCS0 of rate is the worst case of 802.11n(HT20); MCS0 of rate is the worst case of 802.11n(HT40); MCS0 of rate is the worst case of 802.11ac(HT20); MCS0 of rate is the worst case of 802.11ac(HT40); MCS0 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. For 802.11a mode, the pretest was performed for each antenna, and found the data of ANT4 is the worst. For 802.11n and 802.11ac mode, the test was performed at MIMO mode. 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

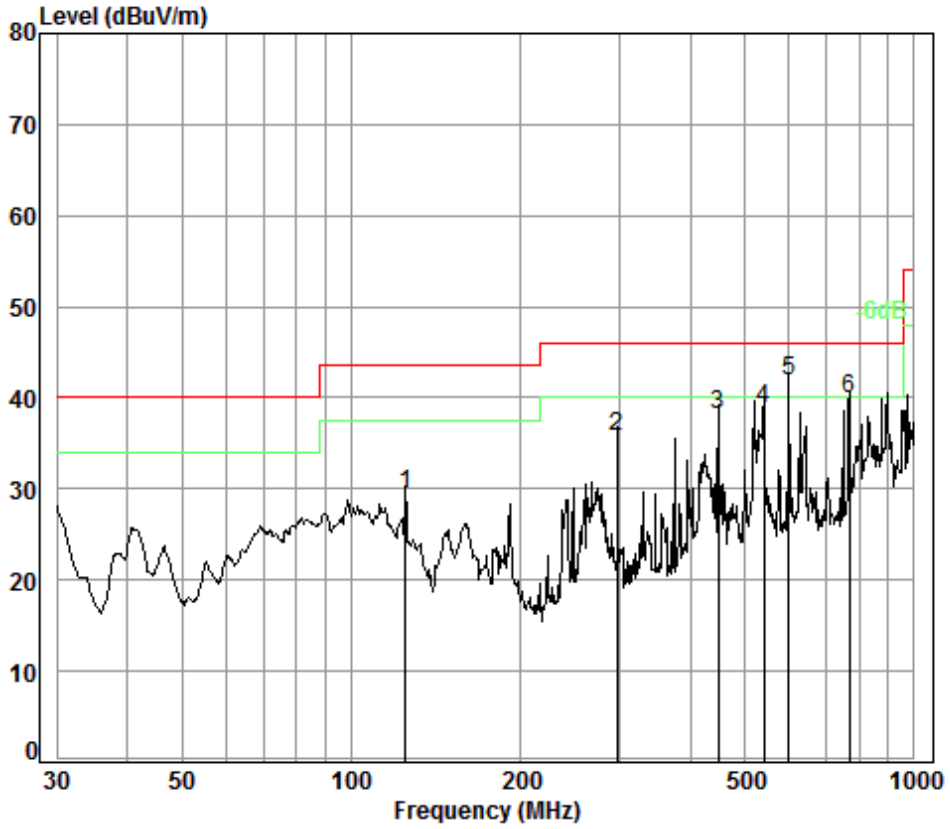
30MHz~1GHz（QP）		
Test mode:	Transmitting mode	Vertical



Condition: 3m VERTICAL
Job No. : 3843CR
Test mode: TX mode

	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	30.00	0.60	19.00	27.40	44.24	36.44	40.00	-3.56
2	46.50	0.73	10.30	27.37	51.93	35.59	40.00	-4.41
3	70.83	0.82	6.98	27.33	52.29	32.76	40.00	-7.24
4	449.56	2.41	16.89	27.30	45.70	37.70	46.00	-8.30
5	625.08	2.75	20.30	27.74	46.23	41.54	46.00	-4.46
6	893.86	3.58	23.10	26.95	41.18	40.91	46.00	-5.09

Test mode:	Transmitting mode	Horizontal



Condition: 3m HORIZONTAL
Job No. : 3843CR
Test mode: TX mode

	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	125.01	1.26	8.00	27.16	47.24	29.34	43.50	-14.16
2	297.22	1.89	13.50	26.61	47.04	35.82	46.00	-10.18
3	449.56	2.41	16.89	27.30	46.13	38.13	46.00	-7.87
4	541.37	2.64	18.80	27.62	44.97	38.79	46.00	-7.21
5 pp	599.32	2.70	19.68	27.80	47.21	41.79	46.00	-4.21
6	766.06	3.11	21.79	27.46	42.42	39.86	46.00	-6.14

6.8.2Transmitter emission above 1GHz

Test data 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
7847.461	36.10	10.98	37.37	33.03	42.74	74	-31.26	Vertical
9532.901	37.17	12.46	36.45	33.24	46.42	74	-27.58	Vertical
10360.000	37.08	12.98	35.96	37.00	51.10	74	-22.90	Vertical
12884.590	38.04	15.23	38.01	35.73	50.99	74	-23.01	Vertical
15540.000	40.94	17.07	38.92	32.00	51.09	74	-22.91	Vertical
16928.210	42.69	18.52	37.14	27.04	51.11	74	-22.89	Vertical
7693.350	36.05	10.90	37.43	39.84	49.36	74	-24.64	Horizontal
9266.588	37.03	12.14	36.81	32.01	44.37	74	-29.63	Horizontal
10360.000	37.08	12.98	35.96	36.00	50.10	74	-23.90	Horizontal
12548.330	37.85	14.29	37.70	38.13	52.57	74	-21.43	Horizontal
15540.000	40.94	17.07	38.92	29.00	48.09	74	-25.91	Horizontal
17414.720	43.33	20.12	37.00	24.79	51.24	74	-22.76	Horizontal

Test mode:	802.11a	Frequency(MHz):	5200	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
7737.070	36.07	10.92	37.42	35.66	45.23	74	-28.77	Vertical
9514.911	37.18	12.45	36.47	33.85	47.01	74	-26.99	Vertical
10440.000	37.10	13.04	35.99	34.01	48.16	74	-25.84	Vertical
12083.110	37.64	14.49	37.25	35.97	50.85	74	-23.15	Vertical
15660.000	41.06	17.18	38.73	31.00	50.51	74	-23.49	Vertical
17316.310	43.17	19.78	37.01	25.43	51.37	74	-22.63	Vertical
7737.070	36.07	10.92	37.42	37.00	46.57	74	-27.43	Horizontal
9461.145	37.24	12.39	36.54	32.71	45.80	74	-28.20	Horizontal
10440.000	37.10	13.04	35.99	36.01	50.16	74	-23.84	Horizontal
13204.910	38.30	15.60	38.44	35.07	50.53	74	-23.47	Horizontal
15660.000	41.06	17.18	38.73	29.00	48.51	74	-25.49	Horizontal
17431.170	43.36	20.18	37.00	24.87	51.41	74	-22.59	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
7817.870	36.10	10.96	37.38	33.61	43.29	74	-30.71	Vertical
9487.990	37.21	12.42	36.51	31.93	45.05	74	-28.95	Vertical
10480.000	37.10	13.07	36.00	37.00	51.17	74	-22.83	Vertical
12442.120	37.74	14.20	37.60	37.05	51.39	74	-22.61	Vertical
15720.000	41.12	17.24	38.63	29.99	49.72	74	-24.28	Vertical
17365.440	43.25	19.95	37.01	22.42	48.61	74	-25.39	Vertical
7803.117	36.10	10.96	37.39	34.53	44.20	74	-29.80	Horizontal
9381.064	37.26	12.29	36.65	32.65	45.55	74	-28.45	Horizontal
10480.000	37.10	13.07	36.00	35.00	49.17	74	-24.83	Horizontal
13393.310	38.49	15.65	38.74	36.65	52.05	74	-21.95	Horizontal
15720.000	41.12	17.24	38.63	30.99	50.72	74	-23.28	Horizontal
17121.160	42.92	19.10	37.04	27.83	52.81	74	-21.19	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
7729.766	36.07	10.92	37.42	36.17	45.74	74	-28.26	Vertical
9461.145	37.24	12.39	36.54	31.45	44.54	74	-29.46	Vertical
10520.000	37.10	13.10	36.02	37.01	51.19	74	-22.81	Vertical
12945.580	38.07	15.40	38.07	36.94	52.34	74	-21.66	Vertical
15780.000	41.18	17.29	38.54	31.00	50.93	74	-23.07	Vertical
17464.130	43.43	20.30	36.99	24.39	51.13	74	-22.87	Vertical
7825.257	36.10	10.97	37.38	33.66	43.35	74	-30.65	Horizontal
9596.134	37.10	12.49	36.36	34.11	47.34	74	-26.66	Horizontal
10520.000	37.10	13.10	36.02	37.01	51.19	74	-22.81	Horizontal
13584.400	38.68	15.78	39.03	35.83	51.26	74	-22.74	Horizontal
15780.000	41.18	17.29	38.54	32.00	51.93	74	-22.07	Horizontal
17105.000	42.91	19.04	37.04	26.17	51.08	74	-22.92	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
7840.053	36.10	10.98	37.37	32.81	42.52	74	-31.48	Vertical
9319.249	37.14	12.21	36.74	32.94	45.55	74	-28.45	Vertical
10600.000	37.10	13.16	36.04	36.00	50.22	74	-23.78	Vertical
12933.360	38.07	15.37	38.06	37.06	52.44	74	-21.56	Vertical
15900.000	41.25	17.41	38.35	30.99	51.30	74	-22.70	Vertical
17185.970	42.99	19.33	37.03	25.99	51.28	74	-22.72	Vertical
7810.490	36.10	10.96	37.39	33.62	43.29	74	-30.71	Horizontal
9328.055	37.16	12.22	36.73	32.47	45.12	74	-28.88	Horizontal
10600.000	37.10	13.16	36.04	37.00	51.22	74	-22.78	Horizontal
13043.770	38.14	15.56	38.19	36.46	51.97	74	-22.03	Horizontal
15900.000	41.25	17.41	38.35	29.99	50.30	74	-23.70	Horizontal
17513.680	43.53	20.47	36.99	24.08	51.09	74	-22.91	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
7817.870	36.10	10.96	37.38	34.88	44.56	74	-29.44	Vertical
9425.470	37.27	12.35	36.59	33.53	46.56	74	-27.44	Vertical
10640.000	37.12	13.19	36.06	36.00	50.25	74	-23.75	Vertical
12489.210	37.79	14.16	37.64	36.13	50.44	74	-23.56	Vertical
15960.000	41.28	17.46	38.26	31.00	51.48	74	-22.52	Vertical
17218.460	43.03	19.44	37.03	26.05	51.49	74	-22.51	Vertical
7803.117	36.10	10.96	37.39	33.56	43.23	74	-30.77	Horizontal
9407.683	37.29	12.32	36.62	32.36	45.35	74	-28.65	Horizontal
10640.000	37.12	13.19	36.06	36.00	50.25	74	-23.75	Horizontal
13597.240	38.70	15.79	39.05	37.08	52.52	74	-21.48	Horizontal
15960.000	41.28	17.46	38.26	30.00	50.48	74	-23.52	Horizontal
17283.630	43.13	19.67	37.02	26.11	51.89	74	-22.11	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
7817.870	36.10	10.96	37.38	34.14	43.82	74	-30.18	Vertical
9452.214	37.25	12.38	36.56	32.81	45.88	74	-28.12	Vertical
11000.000	37.30	13.45	36.18	35.00	49.57	74	-24.43	Vertical
13545.970	38.65	15.73	38.97	36.64	52.05	74	-21.95	Vertical
16500.000	42.00	17.59	37.62	30.00	51.97	74	-22.03	Vertical
17679.880	43.78	21.04	36.96	24.77	52.63	74	-21.37	Vertical
7810.490	36.10	10.96	37.39	34.97	44.64	74	-29.36	Horizontal
9479.033	37.22	12.41	36.52	33.64	46.75	74	-27.25	Horizontal
11000.000	37.30	13.45	36.18	38.00	52.57	74	-21.43	Horizontal
13558.770	38.66	15.75	38.99	35.71	51.13	74	-22.87	Horizontal
16500.000	42.00	17.59	37.62	31.00	52.97	74	-21.03	Horizontal
17881.390	44.10	21.72	36.94	22.76	51.64	74	-22.36	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
7766.355	36.08	10.94	37.40	35.11	44.73	74	-29.27	Vertical
9470.085	37.23	12.40	36.53	32.13	45.23	74	-28.77	Vertical
11200.000	37.30	13.68	36.39	36.00	50.59	74	-23.41	Vertical
13584.400	38.68	15.78	39.03	36.70	52.13	74	-21.87	Vertical
15475.500	40.88	17.00	39.02	31.96	50.82	74	-23.18	Vertical
16800.000	42.50	18.24	37.28	27.00	50.46	74	-23.54	Vertical
7795.750	36.10	10.95	37.39	33.82	43.48	74	-30.52	Horizontal
9568.983	37.13	12.48	36.40	34.48	47.69	74	-26.31	Horizontal
11200.000	37.30	13.68	36.39	36.00	50.59	74	-23.41	Horizontal
13584.400	38.68	15.78	39.03	36.91	52.34	74	-21.66	Horizontal
15755.710	41.16	17.27	38.58	31.41	51.26	74	-22.74	Horizontal
16800.000	42.50	18.24	37.28	28.00	51.46	74	-22.54	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
7283.252	35.56	10.71	37.61	36.95	45.61	74	-28.39	Vertical
9487.990	37.21	12.42	36.51	32.88	46.00	74	-28.00	Vertical
11400.000	37.40	13.91	36.59	37.00	51.72	74	-22.28	Vertical
14349.300	39.82	16.35	39.70	34.47	50.94	74	-23.06	Vertical
16116.920	41.53	17.52	38.06	30.65	51.64	74	-22.36	Vertical
17100.000	42.90	19.02	37.05	26.01	50.88	74	-23.12	Vertical
7840.053	36.10	10.98	37.37	33.83	43.54	74	-30.46	Horizontal
9354.522	37.21	12.25	36.69	32.91	45.68	74	-28.32	Horizontal
11400.000	37.40	13.91	36.59	37.00	51.72	74	-22.28	Horizontal
13355.420	38.46	15.64	38.68	37.02	52.44	74	-21.56	Horizontal
15666.680	41.07	17.19	38.72	30.37	49.91	74	-24.09	Horizontal
17100.000	42.90	19.02	37.05	27.01	51.88	74	-22.12	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
7817.870	36.10	10.96	37.38	35.17	44.85	74	-29.15	Vertical
9470.085	37.23	12.40	36.53	33.03	46.13	74	-27.87	Vertical
11490.000	37.45	14.01	36.68	37.00	51.78	74	-22.22	Vertical
12994.580	38.10	15.54	38.12	36.17	51.69	74	-22.31	Vertical
15490.120	40.89	17.02	39.00	32.41	51.32	74	-22.68	Vertical
17235.000	43.05	19.50	37.03	25.01	50.53	74	-23.47	Vertical
7331.563	35.53	10.73	37.58	33.60	42.28	74	-31.72	Horizontal
9257.840	37.02	12.13	36.83	31.28	43.60	74	-30.40	Horizontal
11490.000	37.45	14.01	36.68	38.00	52.78	74	-21.22	Horizontal
12848.140	38.02	15.13	37.98	37.17	52.34	74	-21.66	Horizontal
15519.410	40.92	17.05	38.95	31.17	50.19	74	-23.81	Horizontal
17235.000	43.05	19.50	37.03	27.01	52.53	74	-21.47	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
7528.032	35.82	10.81	37.50	33.43	42.56	74	-31.44	Vertical
10339.510	37.07	12.97	35.95	37.07	51.16	74	-22.84	Vertical
11570.000	37.49	14.09	36.75	37.99	52.82	74	-21.18	Vertical
13431.310	38.53	15.66	38.79	35.52	50.92	74	-23.08	Vertical
15935.290	41.27	17.44	38.30	30.70	51.11	74	-22.89	Vertical
17355.000	43.23	19.92	37.01	26.00	52.14	74	-21.86	Vertical
7737.070	36.07	10.92	37.42	37.16	46.73	74	-27.27	Horizontal
9407.683	37.29	12.32	36.62	32.44	45.43	74	-28.57	Horizontal
11570.000	37.49	14.09	36.75	37.99	52.82	74	-21.18	Horizontal
13019.150	38.12	15.56	38.15	36.19	51.72	74	-22.28	Horizontal
16071.320	41.44	17.51	38.12	30.98	51.81	74	-22.19	Horizontal
17355.000	43.23	19.92	37.01	25.00	51.14	74	-22.86	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
7235.260	35.58	10.69	37.63	37.99	46.63	74	-27.37	Vertical
9523.902	37.18	12.45	36.46	33.11	46.28	74	-27.72	Vertical
11650.000	37.50	14.18	36.83	38.00	52.85	74	-21.15	Vertical
12908.960	38.05	15.30	38.04	35.67	50.98	74	-23.02	Vertical
15770.590	41.17	17.29	38.56	30.69	50.59	74	-23.41	Vertical
17475.000	43.45	20.33	36.99	24.00	50.79	74	-23.21	Vertical
7113.298	35.51	10.64	37.68	40.64	49.11	74	-24.89	Horizontal
9541.909	37.16	12.46	36.44	33.08	46.26	74	-27.74	Horizontal
11650.000	37.50	14.18	36.83	38.00	52.85	74	-21.15	Horizontal
13317.630	38.42	15.63	38.62	36.02	51.45	74	-22.55	Horizontal
16800.790	42.50	18.24	37.28	28.47	51.93	74	-22.07	Horizontal
17475.000	43.45	20.33	36.99	24.00	50.79	74	-23.21	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
7678.832	36.04	10.89	37.44	42.28	51.77	74	-22.23	Vertical
8990.716	37.00	11.79	37.19	39.59	51.19	74	-22.81	Vertical
10360.000	37.08	12.98	35.96	36.34	50.44	74	-23.56	Vertical
13804.270	39.10	16.03	39.36	35.58	51.35	74	-22.65	Vertical
15540.000	40.94	17.07	38.92	31.34	50.43	74	-23.57	Vertical
17864.510	44.06	21.66	36.94	23.64	52.42	74	-21.58	Vertical
7678.832	36.04	10.89	37.44	42.20	51.69	74	-22.31	Horizontal
8328.564	36.40	11.58	37.27	41.48	52.19	74	-21.81	Horizontal
10360.000	37.08	12.98	35.96	35.64	49.74	74	-24.26	Horizontal
12775.540	37.99	14.93	37.91	37.02	52.03	74	-21.97	Horizontal
15540.000	40.94	17.07	38.92	32.41	51.50	74	-22.50	Horizontal
17830.800	43.98	21.55	36.94	24.40	52.99	74	-21.01	Horizontal

Test mode:	802.11n(HT20)	Frequency(MHz):	5200	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	36.04	10.89	37.44	42.30	51.79	74	-22.21	Vertical
9659.786	37.10	12.53	36.28	35.88	49.23	74	-24.77	Vertical
10440.000	37.10	13.04	35.99	36.05	50.20	74	-23.80	Vertical
12751.430	37.98	14.86	37.89	36.40	51.35	74	-22.65	Vertical
15660.000	41.06	17.18	38.73	30.52	50.03	74	-23.97	Vertical
17898.290	44.15	21.78	36.93	22.81	51.81	74	-22.19	Vertical
7664.340	36.03	10.88	37.44	42.39	51.86	74	-22.14	Horizontal
8990.716	37.00	11.79	37.19	38.81	50.41	74	-23.59	Horizontal
10440.000	37.10	13.04	35.99	33.77	47.92	74	-26.08	Horizontal
12751.430	37.98	14.86	37.89	36.71	51.66	74	-22.34	Horizontal
15660.000	41.06	17.18	38.73	31.82	51.33	74	-22.67	Horizontal
17730.040	43.83	21.21	36.96	24.83	52.91	74	-21.09	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
7678.832	36.04	10.89	37.44	41.55	51.04	74	-22.96	Vertical
8990.716	37.00	11.79	37.19	39.00	50.60	74	-23.40	Vertical
10480.000	37.10	13.07	36.00	37.00	51.17	74	-22.83	Vertical
11734.470	37.50	14.27	36.92	33.66	48.51	74	-25.49	Vertical
15720.000	41.12	17.24	38.63	31.99	51.72	74	-22.28	Vertical
17898.290	44.15	21.78	36.93	22.78	51.78	74	-22.22	Vertical
7678.832	36.04	10.89	37.44	41.73	51.22	74	-22.78	Horizontal
8990.716	37.00	11.79	37.19	39.42	51.02	74	-22.98	Horizontal
10480.000	37.10	13.07	36.00	38.00	52.17	74	-21.83	Horizontal
13217.380	38.32	15.61	38.46	35.72	51.19	74	-22.81	Horizontal
15720.000	41.12	17.24	38.63	31.99	51.72	74	-22.28	Horizontal
17646.510	43.75	20.92	36.97	23.61	51.31	74	-22.69	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
7678.832	36.04	10.89	37.44	42.43	51.92	74	-22.08	Vertical
8990.716	37.00	11.79	37.19	39.54	51.14	74	-22.86	Vertical
10520.000	37.10	13.10	36.02	36.01	50.19	74	-23.81	Vertical
12775.540	37.99	14.93	37.91	36.22	51.23	74	-22.77	Vertical
15780.000	41.18	17.29	38.54	31.00	50.93	74	-23.07	Vertical
17696.580	43.80	21.09	36.96	23.39	51.32	74	-22.68	Vertical
7678.832	36.04	10.89	37.44	42.95	52.44	74	-21.56	Horizontal
9007.715	37.00	11.80	37.18	39.91	51.53	74	-22.47	Horizontal
10520.000	37.10	13.10	36.02	36.01	50.19	74	-23.81	Horizontal
12751.430	37.98	14.86	37.89	33.37	48.32	74	-25.68	Horizontal
15780.000	41.18	17.29	38.54	32.00	51.93	74	-22.07	Horizontal
17830.800	43.98	21.55	36.94	22.08	50.67	74	-23.33	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
7751.699	36.08	10.93	37.41	36.32	45.92	74	-28.08	Vertical
9541.909	37.16	12.46	36.44	32.85	46.03	74	-27.97	Vertical
10600.000	37.10	13.16	36.04	35.00	49.22	74	-24.78	Vertical
12477.420	37.78	14.17	37.63	36.07	50.39	74	-23.61	Vertical
15900.000	41.25	17.41	38.35	28.99	49.30	74	-24.70	Vertical
17464.130	43.43	20.30	36.99	24.54	51.28	74	-22.72	Vertical
7649.877	36.03	10.87	37.45	38.10	47.55	74	-26.45	Horizontal
9425.470	37.27	12.35	36.59	34.86	47.89	74	-26.11	Horizontal
10600.000	37.10	13.16	36.04	36.00	50.22	74	-23.78	Horizontal
13380.670	38.48	15.65	38.72	36.40	51.81	74	-22.19	Horizontal
15900.000	41.25	17.41	38.35	28.99	49.30	74	-24.70	Horizontal
17316.310	43.17	19.78	37.01	23.17	49.11	74	-24.89	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
7810.490	36.10	10.96	37.39	37.27	46.94	74	-27.06	Vertical
9461.145	37.24	12.39	36.54	33.69	46.78	74	-27.22	Vertical
10640.000	37.12	13.19	36.06	34.00	48.25	74	-25.75	Vertical
13533.180	38.63	15.72	38.95	34.14	49.54	74	-24.46	Vertical
15960.000	41.28	17.46	38.26	31.00	51.48	74	-22.52	Vertical
17696.580	43.80	21.09	36.96	23.73	51.66	74	-22.34	Vertical
7707.896	36.05	10.90	37.43	39.04	48.56	74	-25.44	Horizontal
9319.249	37.14	12.21	36.74	34.41	47.02	74	-26.98	Horizontal
10640.000	37.12	13.19	36.06	35.00	49.25	74	-24.75	Horizontal
13380.670	38.48	15.65	38.72	36.73	52.14	74	-21.86	Horizontal
15960.000	41.28	17.46	38.26	29.00	49.48	74	-24.52	Horizontal
17398.280	43.30	20.07	37.00	25.81	52.18	74	-21.82	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
7664.340	36.03	10.88	37.44	41.75	51.22	74	-22.78	Vertical
8990.716	37.00	11.79	37.19	39.07	50.67	74	-23.33	Vertical
11000.000	37.30	13.45	36.18	36.00	50.57	74	-23.43	Vertical
13217.380	38.32	15.61	38.46	36.28	51.75	74	-22.25	Vertical
16500.000	42.00	17.59	37.62	27.00	48.97	74	-25.03	Vertical
17864.510	44.06	21.66	36.94	23.95	52.73	74	-21.27	Vertical
7751.699	36.08	10.93	37.41	35.59	45.19	74	-28.81	Horizontal
9363.361	37.23	12.27	36.68	34.04	46.86	74	-27.14	Horizontal
11000.000	37.30	13.45	36.18	34.00	48.57	74	-25.43	Horizontal
13545.970	38.65	15.73	38.97	35.67	51.08	74	-22.92	Horizontal
16500.000	42.00	17.59	37.62	29.00	50.97	74	-23.03	Horizontal
17464.130	43.43	20.30	36.99	25.78	52.52	74	-21.48	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
8080.618	36.22	11.19	37.30	36.33	46.44	74	-27.56	Vertical
9650.668	37.10	12.52	36.29	39.47	52.80	74	-21.20	Vertical
11200.000	37.30	13.68	36.39	37.00	51.59	74	-22.41	Vertical
13558.770	38.66	15.75	38.99	35.49	50.91	74	-23.09	Vertical
16800.000	42.50	18.24	37.28	25.00	48.46	74	-25.54	Vertical
17579.970	43.66	20.69	36.98	22.61	49.98	74	-24.02	Vertical
7737.070	36.07	10.92	37.42	35.71	45.28	74	-28.72	Horizontal
9407.683	37.29	12.32	36.62	33.72	46.71	74	-27.29	Horizontal
11200.000	37.30	13.68	36.39	36.00	50.59	74	-23.41	Horizontal
13444.000	38.54	15.67	38.81	35.47	50.87	74	-23.13	Horizontal
16800.000	42.50	18.24	37.28	25.00	48.46	74	-25.54	Horizontal
17646.510	43.75	20.92	36.97	23.57	51.27	74	-22.73	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
7795.750	36.10	10.95	37.39	37.77	47.43	74	-26.57	Vertical
9632.455	37.10	12.51	36.31	36.05	49.35	74	-24.65	Vertical
11400.000	37.40	13.91	36.59	37.00	51.72	74	-22.28	Vertical
13292.500	38.39	15.63	38.58	36.00	51.44	74	-22.56	Vertical
15548.750	40.95	17.07	38.90	31.87	50.99	74	-23.01	Vertical
17100.000	42.90	19.02	37.05	25.01	49.88	74	-24.12	Vertical
7810.490	36.10	10.96	37.39	37.08	46.75	74	-27.25	Horizontal
9568.983	37.13	12.48	36.40	34.86	48.07	74	-25.93	Horizontal
11400.000	37.40	13.91	36.59	35.00	49.72	74	-24.28	Horizontal
13726.270	38.95	15.94	39.24	33.33	48.98	74	-25.02	Horizontal
15725.970	41.13	17.24	38.63	30.04	49.78	74	-24.22	Horizontal
17100.000	42.90	19.02	37.05	25.01	49.88	74	-24.12	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
7892.057	36.10	11.00	37.35	39.07	48.82	74	-25.18	Vertical
9568.983	37.13	12.48	36.40	34.36	47.57	74	-26.43	Vertical
11490.000	37.45	14.01	36.68	35.00	49.78	74	-24.22	Vertical
13355.420	38.46	15.64	38.68	35.81	51.23	74	-22.77	Vertical
15696.300	41.10	17.21	38.67	30.95	50.59	74	-23.41	Vertical
17235.000	43.05	19.50	37.03	26.01	51.53	74	-22.47	Vertical
7729.766	36.07	10.92	37.42	36.03	45.60	74	-28.40	Horizontal
9705.511	37.10	12.55	36.22	35.91	49.34	74	-24.66	Horizontal
11490.000	37.45	14.01	36.68	37.00	51.78	74	-22.22	Horizontal
12336.810	37.70	14.28	37.50	34.61	49.09	74	-24.91	Horizontal
15315.550	40.76	16.85	39.28	33.48	51.81	74	-22.19	Horizontal
17235.000	43.05	19.50	37.03	23.01	48.53	74	-25.47	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
7707.896	36.05	10.90	37.43	37.34	46.86	74	-27.14	Vertical
9354.522	37.21	12.25	36.69	34.58	47.35	74	-26.65	Vertical
11570.000	37.49	14.09	36.75	35.99	50.82	74	-23.18	Vertical
13006.860	38.11	15.55	38.13	36.01	51.54	74	-22.46	Vertical
14322.220	39.78	16.35	39.70	32.58	49.01	74	-24.99	Vertical
17355.000	43.23	19.92	37.01	22.00	48.14	74	-25.86	Vertical
7766.355	36.08	10.94	37.40	37.06	46.68	74	-27.32	Horizontal
9416.572	37.28	12.33	36.61	34.54	47.54	74	-26.46	Horizontal
11570.000	37.49	14.09	36.75	34.99	49.82	74	-24.18	Horizontal
13217.380	38.32	15.61	38.46	35.02	50.49	74	-23.51	Horizontal
15563.440	40.96	17.09	38.88	29.63	48.80	74	-25.20	Horizontal
17355.000	43.23	19.92	37.01	22.00	48.14	74	-25.86	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
7707.896	36.05	10.90	37.43	36.14	45.66	74	-28.34	Vertical
9816.135	37.12	12.61	36.07	32.99	46.65	74	-27.35	Vertical
11650.000	37.50	14.18	36.83	34.00	48.85	74	-25.15	Vertical
12739.390	37.97	14.83	37.88	35.00	49.92	74	-24.08	Vertical
15142.950	40.64	16.68	39.56	33.20	50.96	74	-23.04	Vertical
17475.000	43.45	20.33	36.99	23.00	49.79	74	-24.21	Vertical
7715.179	36.06	10.91	37.42	37.40	46.95	74	-27.05	Horizontal
9532.901	37.17	12.46	36.45	32.77	45.95	74	-28.05	Horizontal
11650.000	37.50	14.18	36.83	36.00	50.85	74	-23.15	Horizontal
12703.350	37.95	14.73	37.85	36.05	50.88	74	-23.12	Horizontal
15475.500	40.88	17.00	39.02	30.90	49.76	74	-24.24	Horizontal
17475.000	43.45	20.33	36.99	25.00	51.79	74	-22.21	Horizontal

Test mode:	802.11ac20	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
7936.906	36.10	11.03	37.33	31.21	41.01	74	-32.99	Vertical
9310.451	37.12	12.20	36.75	32.10	44.67	74	-29.33	Vertical
10360.000	37.08	12.98	35.96	36.00	50.10	74	-23.90	Vertical
12037.550	37.62	14.53	37.21	34.86	49.80	74	-24.20	Vertical
15540.000	40.94	17.07	38.92	30.00	49.09	74	-24.91	Vertical
17137.340	42.94	19.16	37.04	27.33	52.39	74	-21.61	Vertical
7707.896	36.05	10.90	37.43	35.40	44.92	74	-29.08	Horizontal
9363.361	37.23	12.27	36.68	32.70	45.52	74	-28.48	Horizontal
10360.000	37.08	12.98	35.96	36.00	50.10	74	-23.90	Horizontal
12536.480	37.84	14.25	37.69	37.46	51.86	74	-22.14	Horizontal
15540.000	40.94	17.07	38.92	30.00	49.09	74	-24.91	Horizontal
17105.000	42.91	19.04	37.04	26.95	51.86	74	-22.14	Horizontal

Test mode:	802.11ac20	Frequency(MHz):	5200	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
7951.913	36.10	11.03	37.33	35.97	45.77	74	-28.23	Vertical
9354.522	37.21	12.25	36.69	32.61	45.38	74	-28.62	Vertical
10440.000	37.10	13.04	35.99	35.27	49.42	74	-24.58	Vertical
12489.210	37.79	14.16	37.64	35.81	50.12	74	-23.88	Vertical
15660.000	41.06	17.18	38.73	30.98	50.49	74	-23.51	Vertical
17530.230	43.56	20.52	36.98	24.66	51.76	74	-22.24	Vertical
7810.490	36.10	10.96	37.39	35.03	44.70	74	-29.30	Horizontal
9240.369	36.98	12.11	36.85	31.95	44.19	74	-29.81	Horizontal
10440.000	37.10	13.04	35.99	36.12	50.27	74	-23.73	Horizontal
12301.900	37.70	14.31	37.46	33.24	47.79	74	-26.21	Horizontal
15660.000	41.06	17.18	38.73	30.87	50.38	74	-23.62	Horizontal
17234.730	43.05	19.50	37.03	24.50	50.02	74	-23.98	Horizontal

Test mode:	802.11ac20	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
7722.469	36.06	10.91	37.42	35.86	45.41	74	-28.59	Vertical
9381.064	37.26	12.29	36.65	33.06	45.96	74	-28.04	Vertical
10480.000	37.10	13.07	36.00	36.77	50.94	74	-23.06	Vertical
12679.370	37.94	14.66	37.82	35.50	50.28	74	-23.72	Vertical
15720.000	41.12	17.24	38.63	31.21	50.94	74	-23.06	Vertical
17497.150	43.49	20.41	36.99	23.82	50.73	74	-23.27	Vertical
7997.102	36.10	11.06	37.31	34.63	44.48	74	-29.52	Horizontal
9319.249	37.14	12.21	36.74	31.48	44.09	74	-29.91	Horizontal
10480.000	37.10	13.07	36.00	34.87	49.04	74	-24.96	Horizontal
12453.870	37.75	14.19	37.61	35.98	50.31	74	-23.69	Horizontal
15720.000	41.12	17.24	38.63	29.63	49.36	74	-24.64	Horizontal
17513.680	43.53	20.47	36.99	24.79	51.80	74	-22.20	Horizontal

Test mode:	802.11ac20	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
7847.461	36.10	10.98	37.37	33.77	43.48	74	-30.52	Vertical
9461.145	37.24	12.39	36.54	33.32	46.41	74	-27.59	Vertical
10520.000	37.10	13.10	36.02	34.56	48.74	74	-25.26	Vertical
12823.890	38.01	15.06	37.96	36.83	51.94	74	-22.06	Vertical
15780.000	41.18	17.29	38.54	31.67	51.60	74	-22.40	Vertical
17780.350	43.88	21.38	36.95	23.89	52.20	74	-21.80	Vertical
7810.490	36.10	10.96	37.39	32.79	42.46	74	-31.54	Horizontal
9479.033	37.22	12.41	36.52	33.75	46.86	74	-27.14	Horizontal
10520.000	37.10	13.10	36.02	37.00	51.18	74	-22.82	Horizontal
13056.090	38.16	15.56	38.21	35.82	51.33	74	-22.67	Horizontal
15780.000	41.18	17.29	38.54	31.23	51.16	74	-22.84	Horizontal
17480.630	43.46	20.35	36.99	24.40	51.22	74	-22.78	Horizontal

Test mode:	802.11ac20	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
7707.896	36.05	10.90	37.43	34.31	43.83	74	-30.17	Vertical
9434.376	37.27	12.36	36.58	32.75	45.80	74	-28.20	Vertical
10600.000	37.10	13.16	36.04	35.00	49.22	74	-24.78	Vertical
12739.390	37.97	14.83	37.88	36.76	51.68	74	-22.32	Vertical
14719.920	40.28	16.46	39.75	32.55	49.54	74	-24.46	Vertical
15900.000	41.25	17.41	38.35	28.99	49.30	74	-24.70	Vertical
7722.469	36.06	10.91	37.42	32.59	42.14	74	-31.86	Horizontal
9541.909	37.16	12.46	36.44	32.60	45.78	74	-28.22	Horizontal
10600.000	37.10	13.16	36.04	36.57	50.79	74	-23.21	Horizontal
12921.150	38.06	15.33	38.05	35.35	50.69	74	-23.31	Horizontal
15900.000	41.25	17.41	38.35	31.62	51.93	74	-22.07	Horizontal
17497.150	43.49	20.41	36.99	24.38	51.29	74	-22.71	Horizontal

Test mode:	802.11ac20	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
8050.148	36.18	11.14	37.30	34.03	44.05	74	-29.95	Vertical
9496.955	37.20	12.44	36.50	31.52	44.66	74	-29.34	Vertical
10640.000	37.12	13.19	36.06	36.00	50.25	74	-23.75	Vertical
12489.210	37.79	14.16	37.64	33.20	47.51	74	-26.49	Vertical
15960.000	41.28	17.46	38.26	31.00	51.48	74	-22.52	Vertical
17513.680	43.53	20.47	36.99	22.07	49.08	74	-24.92	Vertical
7751.699	36.08	10.93	37.41	35.34	44.94	74	-29.06	Horizontal
9372.209	37.24	12.28	36.67	31.24	44.09	74	-29.91	Horizontal
10640.000	37.12	13.19	36.06	37.00	51.25	74	-22.75	Horizontal
12560.180	37.86	14.32	37.71	36.32	50.79	74	-23.21	Horizontal
15960.000	41.28	17.46	38.26	29.00	49.48	74	-24.52	Horizontal
17596.580	43.69	20.75	36.98	24.06	51.52	74	-22.48	Horizontal

Test mode:	802.11ac20	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
7693.350	36.05	10.90	37.43	39.61	49.13	74	-24.87	Vertical
9605.201	37.10	12.50	36.35	34.96	48.21	74	-25.79	Vertical
11000.000	37.30	13.45	36.18	38.00	52.57	74	-21.43	Vertical
12301.900	37.70	14.31	37.46	33.63	48.18	74	-25.82	Vertical
15028.970	40.53	16.57	39.74	32.48	49.84	74	-24.16	Vertical
16500.000	42.00	17.59	37.62	30.00	51.97	74	-22.03	Vertical
7737.070	36.07	10.92	37.42	33.97	43.54	74	-30.46	Horizontal
9240.369	36.98	12.11	36.85	31.81	44.05	74	-29.95	Horizontal
11000.000	37.30	13.45	36.18	35.00	49.57	74	-24.43	Horizontal
12994.580	38.10	15.54	38.12	34.39	49.91	74	-24.09	Horizontal
15142.950	40.64	16.68	39.56	30.91	48.67	74	-25.33	Horizontal
16500.000	42.00	17.59	37.62	28.00	49.97	74	-24.03	Horizontal

Test mode:	802.11ac20	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
7715.179	36.06	10.91	37.42	36.19	45.74	74	-28.26	Vertical
10300.530	37.05	12.94	35.94	36.49	50.54	74	-23.46	Vertical
11200.000	37.30	13.68	36.39	35.00	49.59	74	-24.41	Vertical
13068.430	38.17	15.57	38.23	36.89	52.40	74	-21.60	Vertical
15490.120	40.89	17.02	39.00	31.01	49.92	74	-24.08	Vertical
16800.000	42.50	18.24	37.28	27.00	50.46	74	-23.54	Vertical
7854.876	36.10	10.98	37.37	35.34	45.05	74	-28.95	Horizontal
9853.288	37.15	12.63	36.02	36.05	49.81	74	-24.19	Horizontal
11200.000	37.30	13.68	36.39	38.00	52.59	74	-21.41	Horizontal
12945.580	38.07	15.40	38.07	36.12	51.52	74	-22.48	Horizontal
14915.840	40.46	16.52	39.78	34.35	51.55	74	-22.45	Horizontal
16800.000	42.50	18.24	37.28	26.00	49.46	74	-24.54	Horizontal

Test mode:	802.11ac20	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
7781.039	36.09	10.94	37.40	34.85	44.48	74	-29.52	Vertical
9434.376	37.27	12.36	36.58	33.16	46.21	74	-27.79	Vertical
11400.000	37.40	13.91	36.59	36.00	50.72	74	-23.28	Vertical
12982.310	38.09	15.50	38.10	35.08	50.57	74	-23.43	Vertical
15229.010	40.71	16.77	39.42	31.83	49.89	74	-24.11	Vertical
17100.000	42.90	19.02	37.05	25.01	49.88	74	-24.12	Vertical
7737.070	36.07	10.92	37.42	34.97	44.54	74	-29.46	Horizontal
9605.201	37.10	12.50	36.35	34.69	47.94	74	-26.06	Horizontal
11400.000	37.40	13.91	36.59	35.00	49.72	74	-24.28	Horizontal
12572.050	37.87	14.36	37.72	35.34	49.85	74	-24.15	Horizontal
15185.920	40.69	16.72	39.49	31.17	49.09	74	-24.91	Horizontal
17100.000	42.90	19.02	37.05	27.01	51.88	74	-22.12	Horizontal

Test mode:	802.11ac20	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
7773.693	36.09	10.94	37.40	34.49	44.12	74	-29.88	Vertical
9975.013	37.28	12.70	35.86	36.50	50.62	74	-23.38	Vertical
11490.000	37.45	14.01	36.68	36.00	50.78	74	-23.22	Vertical
13635.820	38.77	15.84	39.11	36.01	51.51	74	-22.49	Vertical
15490.120	40.89	17.02	39.00	32.74	51.65	74	-22.35	Vertical
17235.000	43.05	19.50	37.03	25.01	50.53	74	-23.47	Vertical
7707.896	36.05	10.90	37.43	36.25	45.77	74	-28.23	Horizontal
9834.694	37.13	12.62	36.05	32.59	46.29	74	-27.71	Horizontal
11490.000	37.45	14.01	36.68	36.00	50.78	74	-23.22	Horizontal
13155.110	38.26	15.59	38.36	35.46	50.95	74	-23.05	Horizontal
15402.590	40.80	16.93	39.14	30.91	49.50	74	-24.50	Horizontal
17235.000	43.05	19.50	37.03	24.01	49.53	74	-24.47	Horizontal

Test mode:	802.11ac20	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
7899.514	36.10	11.01	37.35	35.70	45.46	74	-28.54	Vertical
9266.588	37.03	12.14	36.81	32.22	44.58	74	-29.42	Vertical
11570.000	37.49	14.09	36.75	35.99	50.82	74	-23.18	Vertical
12994.580	38.10	15.54	38.12	33.58	49.10	74	-24.90	Vertical
15446.290	40.85	16.98	39.07	32.08	50.84	74	-23.16	Vertical
17355.000	43.23	19.92	37.01	23.00	49.14	74	-24.86	Vertical
7781.039	36.09	10.94	37.40	33.90	43.53	74	-30.47	Horizontal
9797.610	37.10	12.60	36.09	33.12	46.73	74	-27.27	Horizontal
11570.000	37.49	14.09	36.75	34.99	49.82	74	-24.18	Horizontal
12823.890	38.01	15.06	37.96	36.56	51.67	74	-22.33	Horizontal
15740.830	41.14	17.26	38.60	32.19	51.99	74	-22.01	Horizontal
17355.000	43.23	19.92	37.01	24.00	50.14	74	-23.86	Horizontal

Test mode:	802.11ac20	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
7847.461	36.10	10.98	37.37	34.33	44.04	74	-29.96	Vertical
9714.682	37.10	12.56	36.20	34.93	48.39	74	-25.61	Vertical
11650.000	37.50	14.18	36.83	36.00	50.85	74	-23.15	Vertical
13444.000	38.54	15.67	38.81	35.01	50.41	74	-23.59	Vertical
15592.870	40.99	17.12	38.84	29.54	48.81	74	-25.19	Vertical
17475.000	43.45	20.33	36.99	22.00	48.79	74	-25.21	Vertical
7729.766	36.07	10.92	37.42	35.98	45.55	74	-28.45	Horizontal
9769.889	37.10	12.59	36.13	33.75	47.31	74	-26.69	Horizontal
11650.000	37.50	14.18	36.83	36.00	50.85	74	-23.15	Horizontal
13584.400	38.68	15.78	39.03	34.72	50.15	74	-23.85	Horizontal
15905.220	41.25	17.41	38.35	28.16	48.47	74	-25.53	Horizontal
17475.000	43.45	20.33	36.99	23.00	49.79	74	-24.21	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
7759.023	36.08	10.93	37.41	36.20	45.80	74	-28.20	Vertical
9479.033	37.22	12.41	36.52	32.61	45.72	74	-28.28	Vertical
10380.000	37.09	13.00	35.97	35.00	49.12	74	-24.88	Vertical
12848.140	38.02	15.13	37.98	36.63	51.80	74	-22.20	Vertical
15570.000	40.97	17.09	38.87	31.00	50.19	74	-23.81	Vertical
17546.790	43.59	20.58	36.98	23.97	51.16	74	-22.84	Vertical
7729.766	36.07	10.92	37.42	36.52	46.09	74	-27.91	Horizontal
9514.911	37.18	12.45	36.47	33.43	46.59	74	-27.41	Horizontal
10380.000	37.09	13.00	35.97	35.00	49.12	74	-24.88	Horizontal
12105.960	37.65	14.47	37.27	35.36	50.21	74	-23.79	Horizontal
15570.000	40.97	17.09	38.87	32.00	51.19	74	-22.81	Horizontal
17414.720	43.33	20.12	37.00	25.81	52.26	74	-21.74	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
7773.693	36.09	10.94	37.40	36.80	46.43	74	-27.57	Vertical
9425.470	37.27	12.35	36.59	32.56	45.59	74	-28.41	Vertical
10460.000	37.10	13.06	36.00	35.00	49.16	74	-24.84	Vertical
13469.420	38.57	15.67	38.85	35.48	50.87	74	-23.13	Vertical
15690.000	41.09	17.21	38.68	32.00	51.62	74	-22.38	Vertical
17497.150	43.49	20.41	36.99	24.64	51.55	74	-22.45	Vertical
7729.766	36.07	10.92	37.42	34.62	44.19	74	-29.81	Horizontal
9301.662	37.10	12.19	36.76	33.06	45.59	74	-28.41	Horizontal
10460.000	37.10	13.06	36.00	36.00	50.16	74	-23.84	Horizontal
12348.460	37.70	14.27	37.51	36.70	51.16	74	-22.84	Horizontal
15690.000	41.09	17.21	38.68	29.00	48.62	74	-25.38	Horizontal
17024.420	42.82	18.76	37.06	25.74	50.26	74	-23.74	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
7751.699	36.08	10.93	37.41	36.12	45.72	74	-28.28	Vertical
9275.344	37.05	12.15	36.80	34.10	46.50	74	-27.50	Vertical
10540.000	37.10	13.12	36.02	37.00	51.20	74	-22.80	Vertical
12572.050	37.87	14.36	37.72	36.33	50.84	74	-23.16	Vertical
15810.000	41.21	17.32	38.49	29.99	50.03	74	-23.97	Vertical
17530.230	43.56	20.52	36.98	23.92	51.02	74	-22.98	Vertical
7737.070	36.07	10.92	37.42	36.13	45.70	74	-28.30	Horizontal
9345.691	37.19	12.24	36.70	32.43	45.16	74	-28.84	Horizontal
10540.000	37.10	13.12	36.02	35.00	49.20	74	-24.80	Horizontal
12884.590	38.04	15.23	38.01	35.43	50.69	74	-23.31	Horizontal
15810.000	41.21	17.32	38.49	29.99	50.03	74	-23.97	Horizontal
17464.130	43.43	20.30	36.99	24.69	51.43	74	-22.57	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
7729.766	36.07	10.92	37.42	36.23	45.80	74	-28.20	Vertical
9345.691	37.19	12.24	36.70	33.12	45.85	74	-28.15	Vertical
10620.000	37.11	13.18	36.05	36.00	50.24	74	-23.76	Vertical
12896.770	38.05	15.27	38.03	34.84	50.13	74	-23.87	Vertical
15930.000	41.27	17.43	38.31	30.00	50.39	74	-23.61	Vertical
17398.280	43.30	20.07	37.00	22.27	48.64	74	-25.36	Vertical
7707.896	36.05	10.90	37.43	36.37	45.89	74	-28.11	Horizontal
9292.881	37.09	12.17	36.78	32.47	44.95	74	-29.05	Horizontal
10620.000	37.11	13.18	36.05	37.35	51.59	74	-22.41	Horizontal
12477.420	37.78	14.17	37.63	35.83	50.15	74	-23.85	Horizontal
15930.000	41.27	17.43	38.31	29.20	49.59	74	-24.41	Horizontal
17730.040	43.83	21.21	36.96	23.51	51.59	74	-22.41	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
8188.173	36.38	11.36	37.29	36.07	46.52	74	-27.48	Vertical
9496.955	37.20	12.44	36.50	33.01	46.15	74	-27.85	Vertical
11020.000	37.30	13.47	36.20	35.00	49.57	74	-24.43	Vertical
12896.770	38.05	15.27	38.03	34.94	50.23	74	-23.77	Vertical
15315.550	40.76	16.85	39.28	30.87	49.20	74	-24.80	Vertical
16530.000	42.06	17.66	37.59	28.00	50.13	74	-23.87	Vertical
7840.053	36.10	10.98	37.37	34.48	44.19	74	-29.81	Horizontal
9470.085	37.23	12.40	36.53	32.37	45.47	74	-28.53	Horizontal
11020.000	37.30	13.47	36.20	34.00	48.57	74	-25.43	Horizontal
12643.500	37.92	14.56	37.79	36.05	50.74	74	-23.26	Horizontal
15214.630	40.71	16.75	39.44	31.74	49.76	74	-24.24	Horizontal
16530.000	42.06	17.66	37.59	27.00	49.13	74	-24.87	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
7715.179	36.06	10.91	37.42	36.15	45.70	74	-28.30	Vertical
9541.909	37.16	12.46	36.44	33.46	46.64	74	-27.36	Vertical
11180.000	37.30	13.66	36.36	33.99	48.59	74	-25.41	Vertical
12896.770	38.05	15.27	38.03	34.88	50.17	74	-23.83	Vertical
15286.650	40.74	16.82	39.32	30.90	49.14	74	-24.86	Vertical
16770.000	42.46	18.18	37.32	26.00	49.32	74	-24.68	Vertical
7751.699	36.08	10.93	37.41	35.99	45.59	74	-28.41	Horizontal
9240.369	36.98	12.11	36.85	33.69	45.93	74	-28.07	Horizontal
11180.000	37.30	13.66	36.36	34.99	49.59	74	-24.41	Horizontal
12860.280	38.03	15.16	37.99	37.08	52.28	74	-21.72	Horizontal
14747.750	40.32	16.47	39.76	33.02	50.05	74	-23.95	Horizontal
16770.000	42.46	18.18	37.32	25.00	48.32	74	-25.68	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
7707.896	36.05	10.90	37.43	35.08	44.60	74	-29.40	Vertical
9470.085	37.23	12.40	36.53	32.29	45.39	74	-28.61	Vertical
11340.000	37.37	13.84	36.53	35.00	49.68	74	-24.32	Vertical
12933.360	38.07	15.37	38.06	36.83	52.21	74	-21.79	Vertical
15200.270	40.70	16.74	39.46	32.51	50.49	74	-23.51	Vertical
17010.000	42.81	18.71	37.06	27.00	51.46	74	-22.54	Vertical
7921.928	36.10	11.02	37.34	34.92	44.70	74	-29.30	Horizontal
9641.558	37.10	12.52	36.30	38.63	51.95	74	-22.05	Horizontal
11340.000	37.37	13.84	36.53	36.00	50.68	74	-23.32	Horizontal
12945.580	38.07	15.40	38.07	36.78	52.18	74	-21.82	Horizontal
15417.140	40.82	16.95	39.11	29.73	48.39	74	-25.61	Horizontal
17010.000	42.81	18.71	37.06	24.00	48.46	74	-25.54	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
7457.268	35.64	10.77	37.53	32.62	41.50	74	-32.50	Vertical
9319.249	37.14	12.21	36.74	32.31	44.92	74	-29.08	Vertical
11510.000	37.46	14.03	36.70	38.00	52.79	74	-21.21	Vertical
13305.050	38.41	15.63	38.60	36.50	51.94	74	-22.06	Vertical
15504.760	40.91	17.03	38.97	30.67	49.64	74	-24.36	Vertical
17265.000	43.10	19.60	37.02	23.00	48.68	74	-25.32	Vertical
7817.870	36.10	10.96	37.38	34.19	43.87	74	-30.13	Horizontal
9532.901	37.17	12.46	36.45	33.03	46.21	74	-27.79	Horizontal
11510.000	37.46	14.03	36.70	36.00	50.79	74	-23.21	Horizontal
12970.060	38.09	15.47	38.09	36.50	51.97	74	-22.03	Horizontal
15028.970	40.53	16.57	39.74	32.12	49.48	74	-24.52	Horizontal
17265.000	43.10	19.60	37.02	24.00	49.68	74	-24.32	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
7766.355	36.08	10.94	37.40	35.80	45.42	74	-28.58	Vertical
9532.901	37.17	12.46	36.45	35.72	48.90	74	-25.10	Vertical
11590.000	37.50	14.12	36.77	35.99	50.84	74	-23.16	Vertical
13444.000	38.54	15.67	38.81	35.33	50.73	74	-23.27	Vertical
16010.720	41.32	17.50	38.19	30.23	50.86	74	-23.14	Vertical
17385.000	43.28	20.02	37.01	21.00	47.29	74	-26.71	Vertical
7722.469	36.06	10.91	37.42	35.16	44.71	74	-29.29	Horizontal
9965.597	37.27	12.69	35.87	37.34	51.43	74	-22.57	Horizontal
11590.000	37.50	14.12	36.77	35.99	50.84	74	-23.16	Horizontal
12691.350	37.95	14.69	37.83	36.59	51.40	74	-22.60	Horizontal
15402.590	40.80	16.93	39.14	30.10	48.69	74	-25.31	Horizontal
17385.000	43.28	20.02	37.01	23.00	49.29	74	-24.71	Horizontal

Test mode:	802.11ac40	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
7810.490	36.10	10.96	37.39	33.75	43.42	74	-30.58	Vertical
9416.572	37.28	12.33	36.61	32.60	45.60	74	-28.40	Vertical
10380.000	37.09	13.00	35.97	37.00	51.12	74	-22.88	Vertical
12174.760	37.69	14.41	37.34	33.80	48.56	74	-25.44	Vertical
15570.000	40.97	17.09	38.87	33.00	52.19	74	-21.81	Vertical
17008.340	42.81	18.70	37.06	27.25	51.70	74	-22.30	Vertical
7781.039	36.09	10.94	37.40	33.72	43.35	74	-30.65	Horizontal
9452.214	37.25	12.38	36.56	31.78	44.85	74	-29.15	Horizontal
10380.000	37.09	13.00	35.97	35.00	49.12	74	-24.88	Horizontal
12267.090	37.70	14.34	37.43	33.97	48.58	74	-25.42	Horizontal
15570.000	40.97	17.09	38.87	30.00	49.19	74	-24.81	Horizontal
17332.670	43.20	19.84	37.01	25.18	51.21	74	-22.79	Horizontal

Test mode:	802.11ac40	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
7693.350	36.05	10.90	37.43	39.18	48.70	74	-25.30	Vertical
9523.902	37.18	12.45	36.46	32.47	45.64	74	-28.36	Vertical
10460.000	37.10	13.06	36.00	35.00	49.16	74	-24.84	Vertical
12619.640	37.91	14.49	37.77	36.27	50.90	74	-23.10	Vertical
15690.000	41.09	17.21	38.68	31.00	50.62	74	-23.38	Vertical
17679.880	43.78	21.04	36.96	23.87	51.73	74	-22.27	Vertical
7766.355	36.08	10.94	37.40	33.85	43.47	74	-30.53	Horizontal
9461.145	37.24	12.39	36.54	31.44	44.53	74	-29.47	Horizontal
10460.000	37.10	13.06	36.00	35.00	49.16	74	-24.84	Horizontal
13006.860	38.11	15.55	38.13	35.23	50.76	74	-23.24	Horizontal
15690.000	41.09	17.21	38.68	31.00	50.62	74	-23.38	Horizontal
17780.350	43.88	21.38	36.95	21.86	50.17	74	-23.83	Horizontal

Test mode:	802.11ac40	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
7715.179	36.06	10.91	37.42	34.80	44.35	74	-29.65	Vertical
9363.361	37.23	12.27	36.68	31.69	44.51	74	-29.49	Vertical
10540.000	37.10	13.12	36.02	33.00	47.20	74	-26.80	Vertical
13019.150	38.12	15.56	38.15	36.31	51.84	74	-22.16	Vertical
15810.000	41.21	17.32	38.49	28.99	49.03	74	-24.97	Vertical
17746.790	43.85	21.26	36.95	23.42	51.58	74	-22.42	Vertical
7899.514	36.10	11.01	37.35	35.63	45.39	74	-28.61	Horizontal
9523.902	37.18	12.45	36.46	31.87	45.04	74	-28.96	Horizontal
10540.000	37.10	13.12	36.02	36.00	50.20	74	-23.80	Horizontal
12933.360	38.07	15.37	38.06	34.76	50.14	74	-23.86	Horizontal
15810.000	41.21	17.32	38.49	29.99	50.03	74	-23.97	Horizontal
17546.790	43.59	20.58	36.98	24.76	51.95	74	-22.05	Horizontal

Test mode:	802.11ac40	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
7751.699	36.08	10.93	37.41	35.39	44.99	74	-29.01	Vertical
9425.470	37.27	12.35	36.59	33.04	46.07	74	-27.93	Vertical
10620.000	37.11	13.18	36.05	36.00	50.24	74	-23.76	Vertical
13317.630	38.42	15.63	38.62	35.92	51.35	74	-22.65	Vertical
15930.000	41.27	17.43	38.31	29.00	49.39	74	-24.61	Vertical
17932.130	44.23	21.89	36.93	21.35	50.54	74	-23.46	Vertical
7471.367	35.68	10.78	37.53	32.90	41.83	74	-32.17	Horizontal
9479.033	37.22	12.41	36.52	32.25	45.36	74	-28.64	Horizontal
10620.000	37.11	13.18	36.05	36.00	50.24	74	-23.76	Horizontal
13242.370	38.34	15.61	38.50	36.52	51.97	74	-22.03	Horizontal
15930.000	41.27	17.43	38.31	31.00	51.39	74	-22.61	Horizontal
17414.720	43.33	20.12	37.00	23.60	50.05	74	-23.95	Horizontal

Test mode:	802.11ac40	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
7751.699	36.08	10.93	37.41	34.17	43.77	74	-30.23	Vertical
9452.214	37.25	12.38	36.56	31.21	44.28	74	-29.72	Vertical
11020.000	37.30	13.47	36.20	35.00	49.57	74	-24.43	Vertical
13674.510	38.85	15.88	39.16	36.42	51.99	74	-22.01	Vertical
16530.000	42.06	17.66	37.59	28.00	50.13	74	-23.87	Vertical
17983.010	44.36	22.06	36.92	23.12	52.62	74	-21.38	Vertical
7847.461	36.10	10.98	37.37	31.73	41.44	74	-32.56	Horizontal
9514.911	37.18	12.45	36.47	32.50	45.66	74	-28.34	Horizontal
11020.000	37.30	13.47	36.20	38.00	52.57	74	-21.43	Horizontal
13622.950	38.75	15.82	39.09	36.61	52.09	74	-21.91	Horizontal
16530.000	42.06	17.66	37.59	30.00	52.13	74	-21.87	Horizontal
17613.210	43.71	20.81	36.97	21.63	49.18	74	-24.82	Horizontal

Test mode:	802.11ac40	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
7803.117	36.10	10.96	37.39	34.53	44.20	74	-29.80	Vertical
9769.889	37.10	12.59	36.13	34.70	48.26	74	-25.74	Vertical
11180.000	37.30	13.66	36.36	34.99	49.59	74	-24.41	Vertical
14200.990	39.60	16.31	39.68	35.69	51.92	74	-22.08	Vertical
16770.000	42.46	18.18	37.32	27.00	50.32	74	-23.68	Vertical
17730.040	43.83	21.21	36.96	23.10	51.18	74	-22.82	Vertical
7847.461	36.10	10.98	37.37	35.95	45.66	74	-28.34	Horizontal
9578.025	37.12	12.48	36.39	34.59	47.80	74	-26.20	Horizontal
11180.000	37.30	13.66	36.36	36.99	51.59	74	-22.41	Horizontal
12548.330	37.85	14.29	37.70	36.25	50.69	74	-23.31	Horizontal
15666.680	41.07	17.19	38.72	29.13	48.67	74	-25.33	Horizontal
16770.000	42.46	18.18	37.32	28.00	51.32	74	-22.68	Horizontal

Test mode:	802.11ac40	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
7276.377	35.56	10.71	37.61	35.37	44.03	74	-29.97	Vertical
9541.909	37.16	12.46	36.44	32.12	45.30	74	-28.70	Vertical
11340.000	37.37	13.84	36.53	36.00	50.68	74	-23.32	Vertical
13267.410	38.37	15.62	38.54	35.57	51.02	74	-22.98	Vertical
15592.870	40.99	17.12	38.84	30.69	49.96	74	-24.04	Vertical
17010.000	42.81	18.71	37.06	25.00	49.46	74	-24.54	Vertical
7499.646	35.75	10.79	37.51	36.12	45.15	74	-28.85	Horizontal
9310.451	37.12	12.20	36.75	31.65	44.22	74	-29.78	Horizontal
11340.000	37.37	13.84	36.53	35.00	49.68	74	-24.32	Horizontal
12477.420	37.78	14.17	37.63	35.88	50.20	74	-23.80	Horizontal
15860.220	41.23	17.37	38.42	29.24	49.42	74	-24.58	Horizontal
17010.000	42.81	18.71	37.06	26.00	50.46	74	-23.54	Horizontal

Test mode:	802.11ac40	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
7803.117	36.10	10.96	37.39	34.91	44.58	74	-29.42	Vertical
9623.362	37.10	12.51	36.33	33.71	46.99	74	-27.01	Vertical
11510.000	37.46	14.03	36.70	35.00	49.79	74	-24.21	Vertical
13068.430	38.17	15.57	38.23	36.81	52.32	74	-21.68	Vertical
15770.590	41.17	17.29	38.56	28.55	48.45	74	-25.55	Vertical
17265.000	43.10	19.60	37.02	25.00	50.68	74	-23.32	Vertical
7899.514	36.10	11.01	37.35	31.65	41.41	74	-32.59	Horizontal
10300.530	37.05	12.94	35.94	36.12	50.17	74	-23.83	Horizontal
11510.000	37.46	14.03	36.70	37.00	51.79	74	-22.21	Horizontal
13558.770	38.66	15.75	38.99	33.42	48.84	74	-25.16	Horizontal
15578.150	40.98	17.10	38.86	30.58	49.80	74	-24.20	Horizontal
17265.000	43.10	19.60	37.02	24.00	49.68	74	-24.32	Horizontal

Test mode:	802.11ac40	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
7759.023	36.08	10.93	37.41	33.84	43.44	74	-30.56	Vertical
9733.050	37.10	12.57	36.18	35.73	49.22	74	-24.78	Vertical
11590.000	37.50	14.12	36.77	34.99	49.84	74	-24.16	Vertical
13330.210	38.43	15.64	38.64	36.07	51.50	74	-22.50	Vertical
15740.830	41.14	17.26	38.60	28.25	48.05	74	-25.95	Vertical
17385.000	43.28	20.02	37.01	24.00	50.29	74	-23.71	Vertical
7773.693	36.09	10.94	37.40	34.48	44.11	74	-29.89	Horizontal
9487.990	37.21	12.42	36.51	31.65	44.77	74	-29.23	Horizontal
11590.000	37.50	14.12	36.77	35.99	50.84	74	-23.16	Horizontal
13279.950	38.38	15.62	38.56	33.70	49.14	74	-24.86	Horizontal
16071.320	41.44	17.51	38.12	31.32	52.15	74	-21.85	Horizontal
17385.000	43.28	20.02	37.01	24.00	50.29	74	-23.71	Horizontal

Test mode:	802.11ac80	Frequency(MHz):	5210	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
7715.179	36.06	10.91	37.42	34.60	44.15	74	-29.85	Vertical
9354.522	37.21	12.25	36.69	33.22	45.99	74	-28.01	Vertical
10420.000	37.10	13.03	35.98	37.00	51.15	74	-22.85	Vertical
13368.030	38.47	15.65	38.70	36.09	51.51	74	-22.49	Vertical
15630.000	41.03	17.15	38.78	31.01	50.41	74	-23.59	Vertical
17185.970	42.99	19.33	37.03	26.16	51.45	74	-22.55	Vertical
7781.039	36.09	10.94	37.40	33.70	43.33	74	-30.67	Horizontal
9354.522	37.21	12.25	36.69	33.10	45.87	74	-28.13	Horizontal
10420.000	37.10	13.03	35.98	37.00	51.15	74	-22.85	Horizontal
12572.050	37.87	14.36	37.72	36.46	50.97	74	-23.03	Horizontal
15630.000	41.03	17.15	38.78	30.01	49.41	74	-24.59	Horizontal
17185.970	42.99	19.33	37.03	26.20	51.49	74	-22.51	Horizontal

Test mode:	802.11ac80	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
7781.039	36.09	10.94	37.40	34.01	43.64	74	-30.36	Vertical
9425.470	37.27	12.35	36.59	33.60	46.63	74	-27.37	Vertical
10580.000	37.10	13.15	36.04	35.00	49.21	74	-24.79	Vertical
12945.580	38.07	15.40	38.07	36.21	51.61	74	-22.39	Vertical
15870.000	41.24	17.38	38.40	30.99	51.21	74	-22.79	Vertical
17497.150	43.49	20.41	36.99	24.71	51.62	74	-22.38	Vertical
7781.039	36.09	10.94	37.40	33.81	43.44	74	-30.56	Horizontal
9354.522	37.21	12.25	36.69	32.89	45.66	74	-28.34	Horizontal
10580.000	37.10	13.15	36.04	36.94	51.15	74	-22.85	Horizontal
12243.940	37.70	14.36	37.41	35.34	49.99	74	-24.01	Horizontal
14349.300	39.82	16.35	39.70	32.42	48.89	74	-25.11	Horizontal
15870.000	41.24	17.38	38.40	31.19	51.41	74	-22.59	Horizontal

Test mode:	802.11ac80	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
7840.053	36.10	10.98	37.37	33.40	43.11	74	-30.89	Vertical
9605.201	37.10	12.50	36.35	33.62	46.87	74	-27.13	Vertical
11060.000	37.30	13.52	36.24	37.00	51.58	74	-22.42	Vertical
13393.310	38.49	15.65	38.74	36.03	51.43	74	-22.57	Vertical
16590.000	42.18	17.79	37.52	30.00	52.45	74	-21.55	Vertical
17847.650	44.02	21.61	36.94	21.64	50.33	74	-23.67	Vertical
7817.870	36.10	10.96	37.38	34.15	43.83	74	-30.17	Horizontal
9760.666	37.10	12.58	36.14	36.80	50.34	74	-23.66	Horizontal
11060.000	37.30	13.52	36.24	38.00	52.58	74	-21.42	Horizontal
12982.310	38.09	15.50	38.10	35.60	51.09	74	-22.91	Horizontal
16590.000	42.18	17.79	37.52	29.00	51.45	74	-22.55	Horizontal
17696.580	43.80	21.09	36.96	23.38	51.31	74	-22.69	Horizontal

Test mode:	802.11ac80	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
7840.053	36.10	10.98	37.37	33.27	42.98	74	-31.02	Vertical
9470.085	37.23	12.40	36.53	31.80	44.90	74	-29.10	Vertical
11220.000	37.31	13.70	36.41	38.01	52.61	74	-21.39	Vertical
13155.110	38.26	15.59	38.36	34.77	50.26	74	-23.74	Vertical
15446.290	40.85	16.98	39.07	30.89	49.65	74	-24.35	Vertical
16830.000	42.55	18.31	37.25	25.99	49.60	74	-24.40	Vertical
7781.039	36.09	10.94	37.40	34.42	44.05	74	-29.95	Horizontal
9871.918	37.17	12.64	36.00	36.35	50.16	74	-23.84	Horizontal
11220.000	37.31	13.70	36.41	36.01	50.61	74	-23.39	Horizontal
13068.430	38.17	15.57	38.23	36.41	51.92	74	-22.08	Horizontal
15578.150	40.98	17.10	38.86	27.97	47.19	74	-26.81	Horizontal
16830.000	42.55	18.31	37.25	24.99	48.60	74	-25.40	Horizontal

Test mode:	802.11ac80	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
7803.117	36.10	10.96	37.39	34.33	44.00	74	-30.00	Vertical
9641.558	37.10	12.52	36.30	39.20	52.52	74	-21.48	Vertical
11550.000	37.48	14.07	36.74	37.00	51.81	74	-22.19	Vertical
13093.140	38.19	15.57	38.27	34.15	49.64	74	-24.36	Vertical
15666.680	41.07	17.19	38.72	28.75	48.29	74	-25.71	Vertical
17325.000	43.19	19.81	37.01	24.00	49.99	74	-24.01	Vertical
7766.355	36.08	10.94	37.40	35.81	45.43	74	-28.57	Horizontal
9416.572	37.28	12.33	36.61	33.33	46.33	74	-27.67	Horizontal
11550.000	37.48	14.07	36.74	38.00	52.81	74	-21.19	Horizontal
13355.420	38.46	15.64	38.68	35.85	51.27	74	-22.73	Horizontal
15607.600	41.01	17.13	38.81	30.25	49.58	74	-24.42	Horizontal
17325.000	43.19	19.81	37.01	25.00	50.99	74	-23.01	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 .

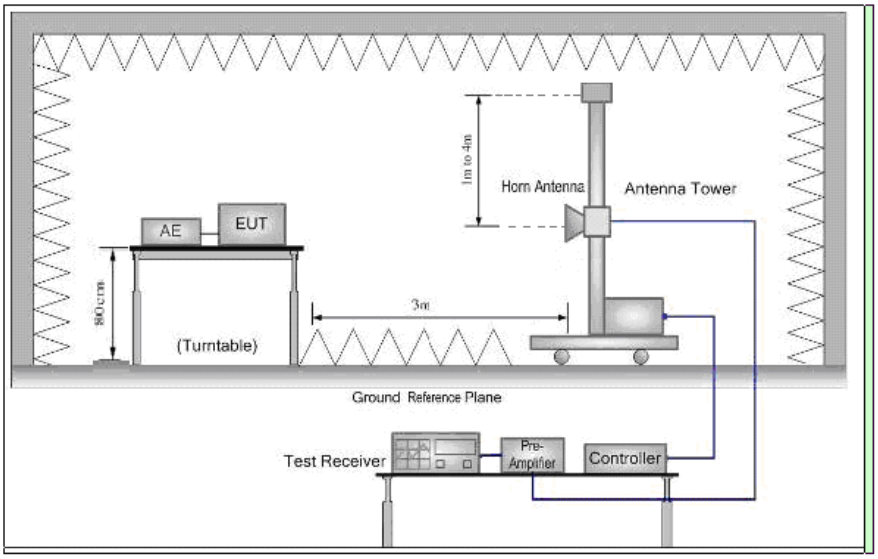
3) As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. So, only the peak 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; MCS0 of rate is the worst case of 802.11n(HT20); MCS0 of rate is the worst case of 802.11n(HT40); MCS0 of rate is the worst case of 802.11ac(HT20); MCS0 of rate is the worst case of 802.11ac(HT40); MCS0 of rate is the worst case of 802.11ac(HT80) For 802.11a mode, the pretest was performed for each antenna, and found the data of ANT4 is the worst. For 802.11n and 802.11ac mode, the test was performed at MIMO mode. Only the worst case is recorded in the report.
Instruments Used:	Refer to section 5.10 for details
Test Results:	Pass