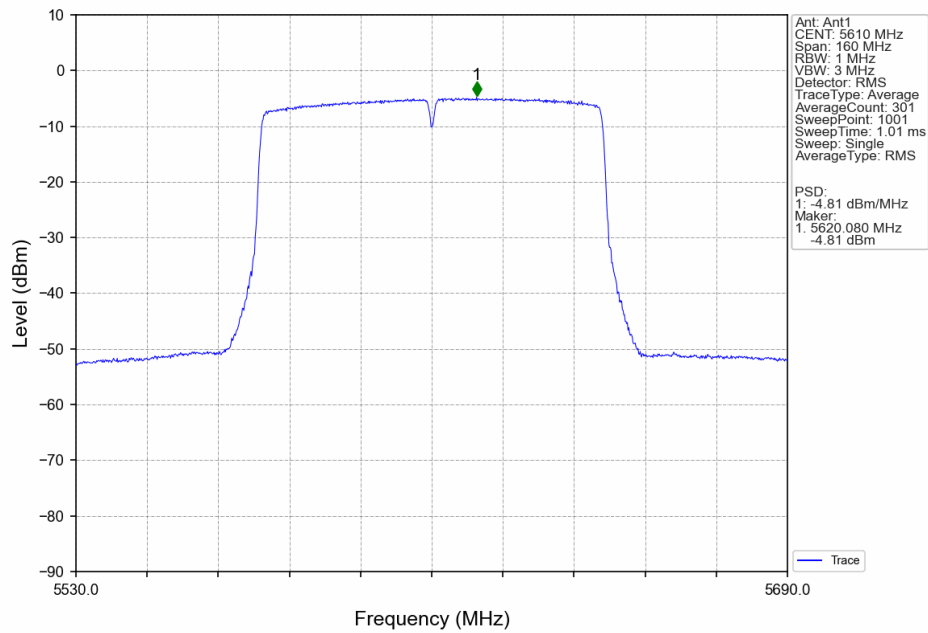
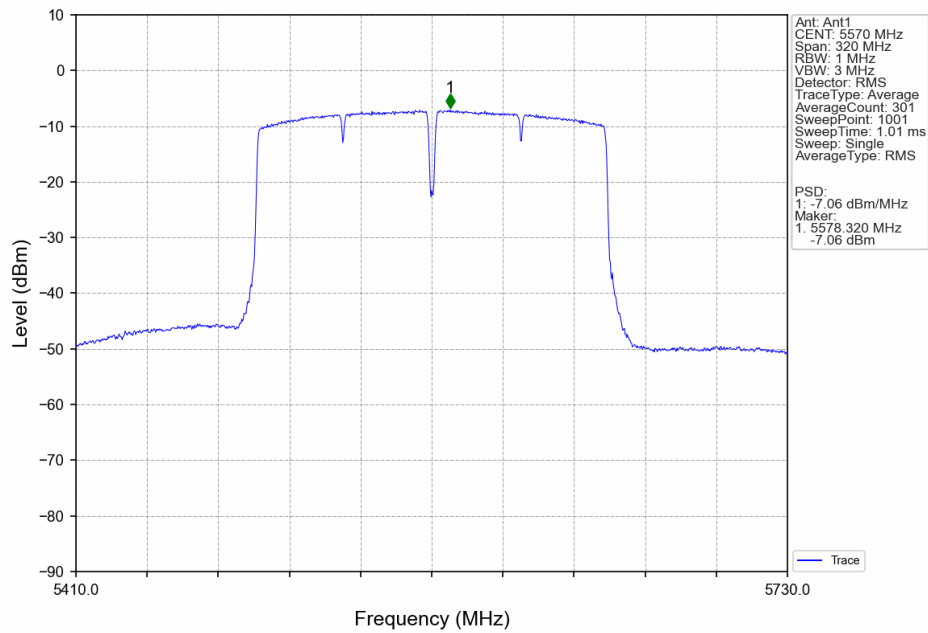


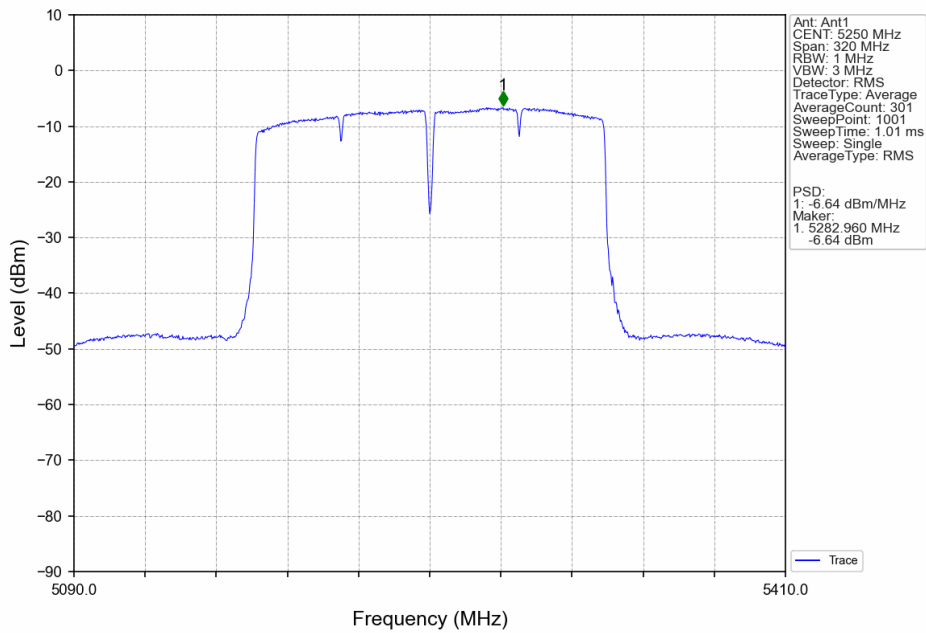
802.11ac(VHT80)_HCH_5610MHz_Ant2_NTNV



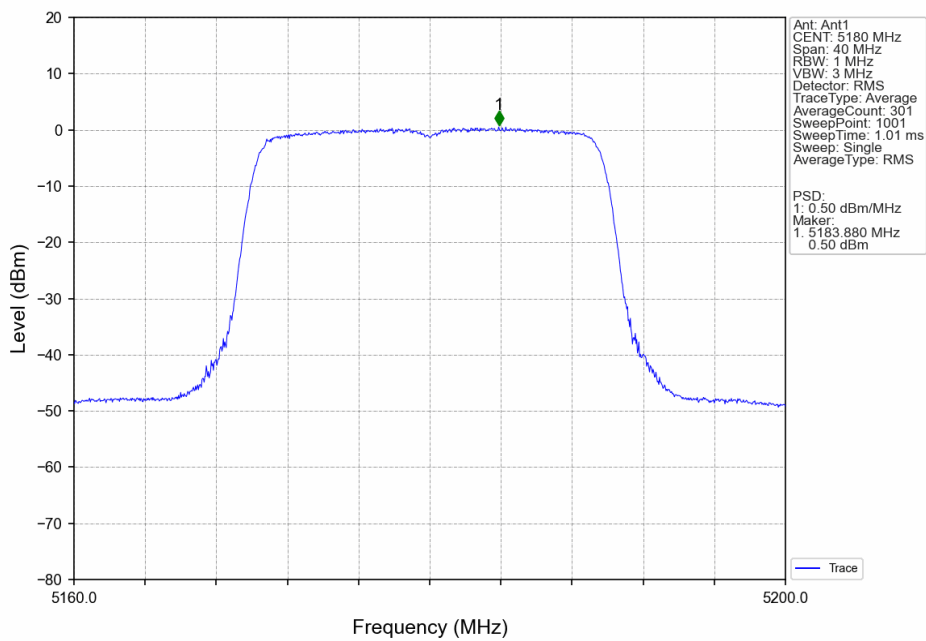
802.11ac(VHT160)_MCH_5570MHz_Ant2_NTNV



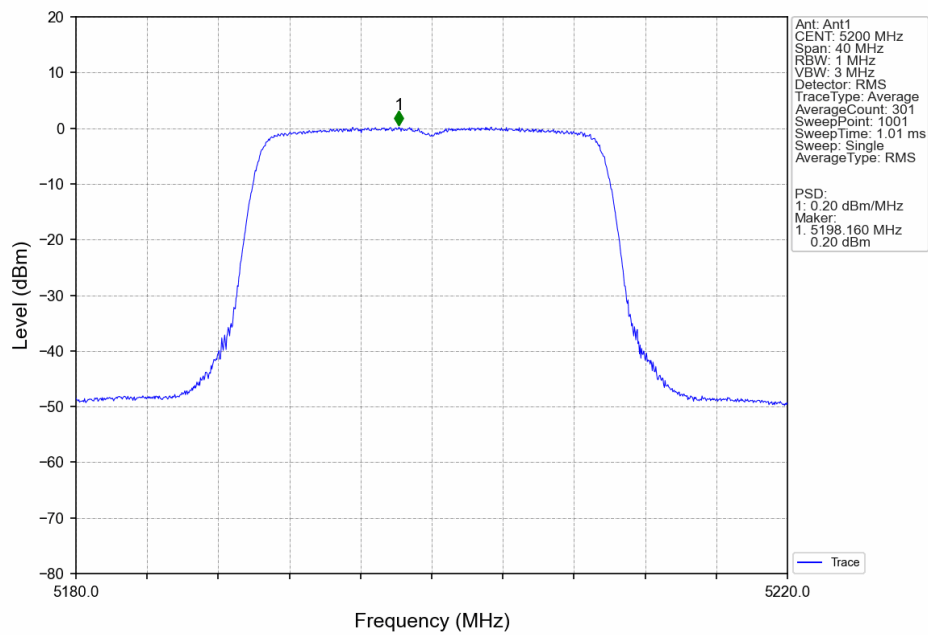
802.11ac(VHT160)_MCH_5250MHz_Ant2_NTNV



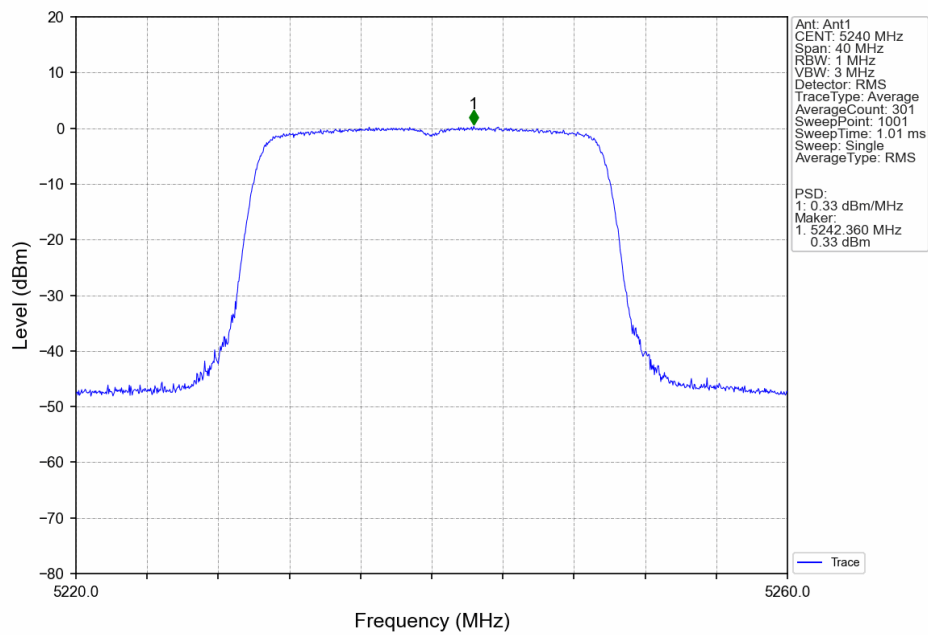
802.11ax(HEW20)_LCH_5180MHz_RU242_Left_Ant2_NTNV



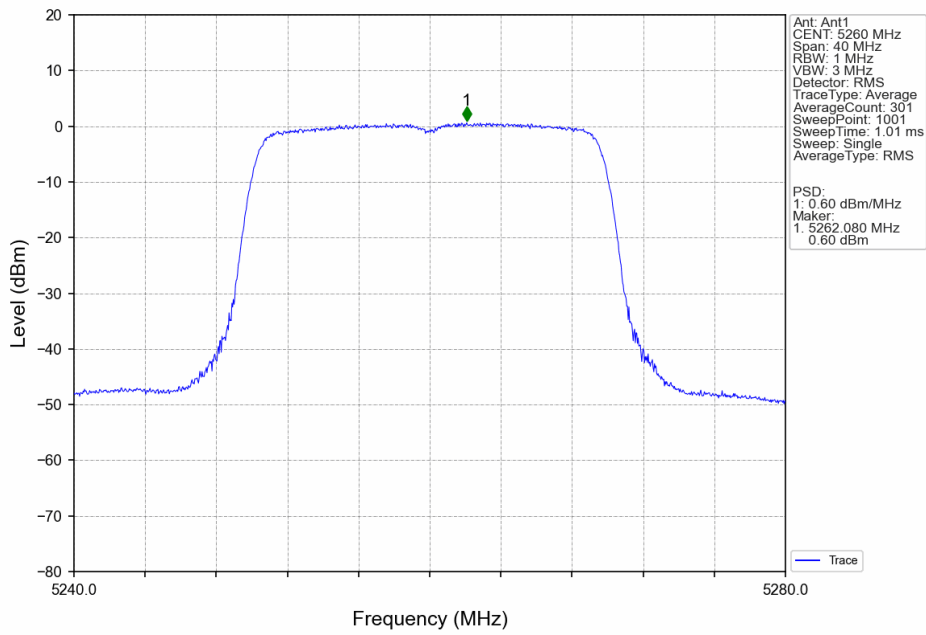
802.11ax(HEW20)_MCH_5200MHz_RU242_Left_Ant2_NTNV



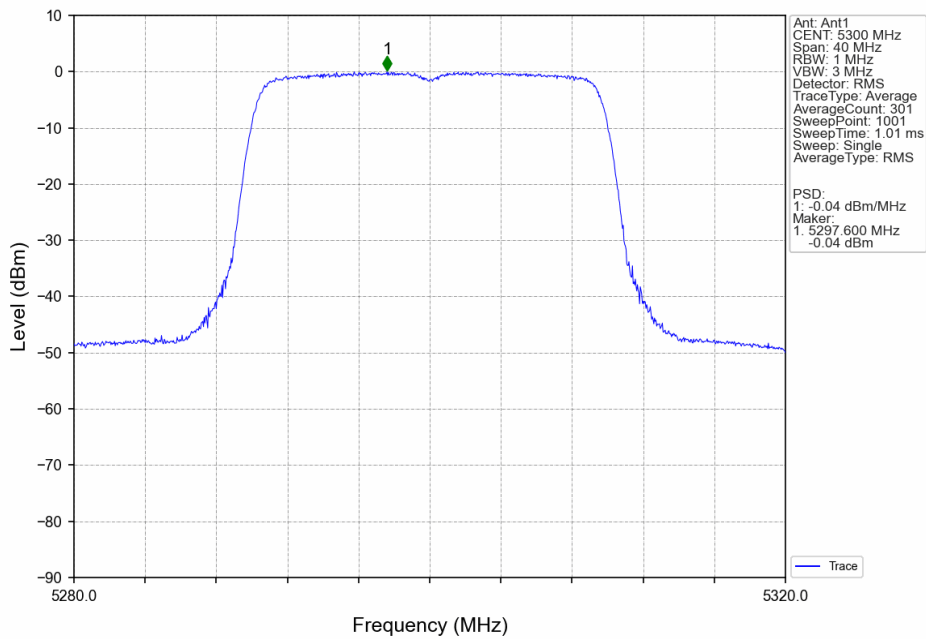
802.11ax(HEW20)_HCH_5240MHz_RU242_Left_Ant2_NTNV



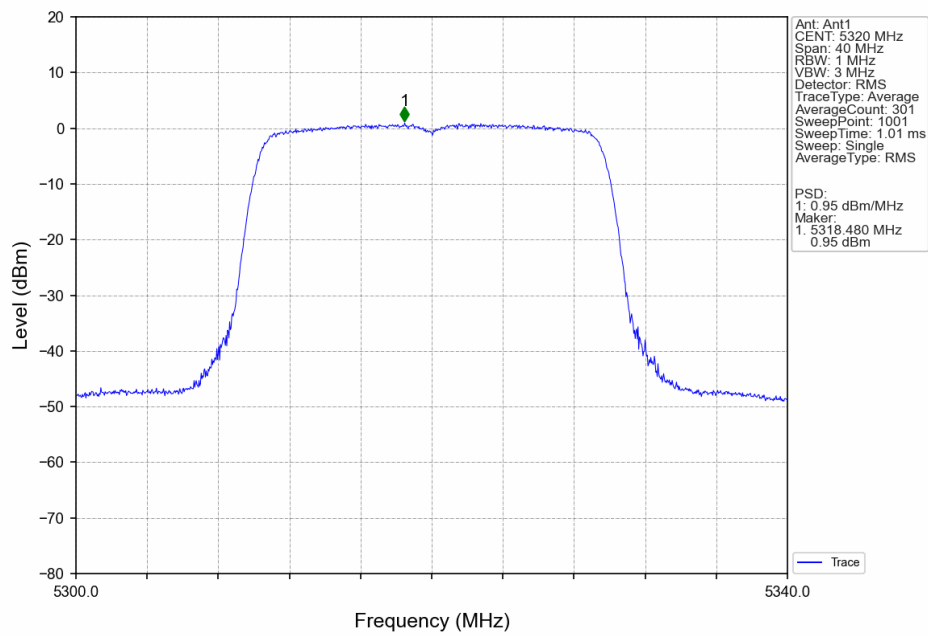
802.11ax(HEW20)_LCH_5260MHz_RU242_Left_Ant2_NTNV



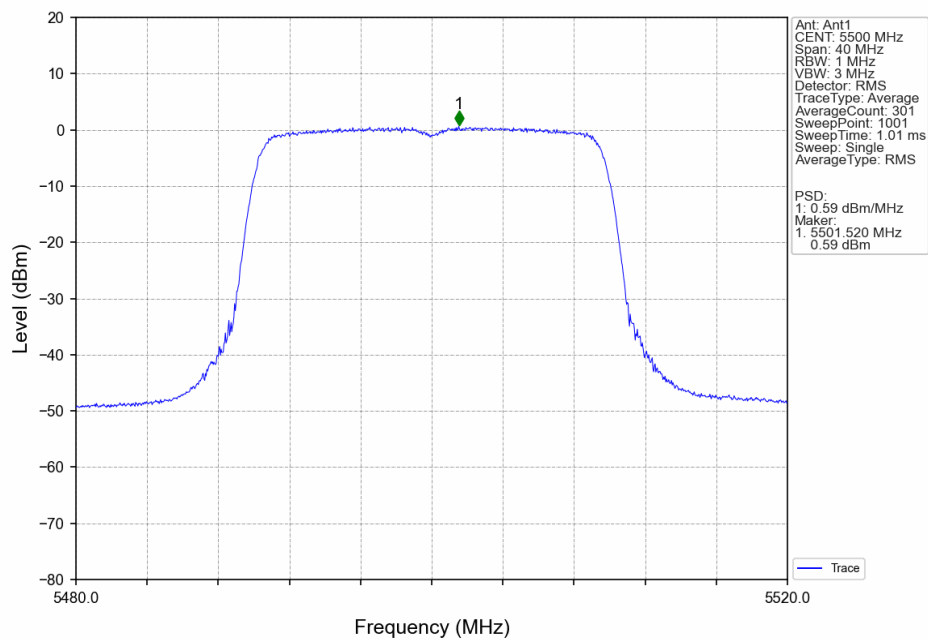
802.11ax(HEW20)_MCH_5300MHz_RU242_Left_Ant2_NTNV



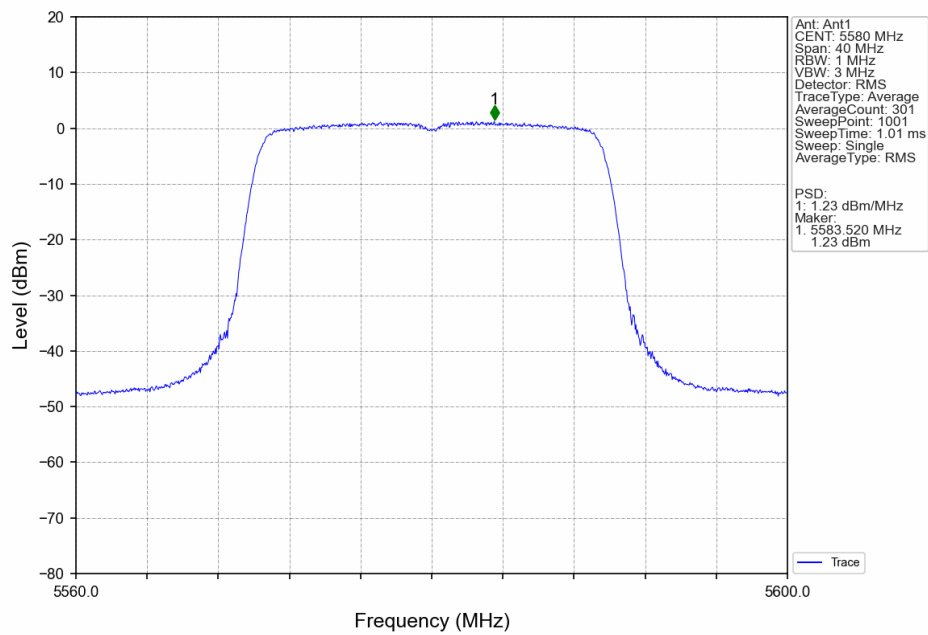
802.11ax(HEW20)_HCH_5320MHz_RU242_Left_Ant2_NTNV



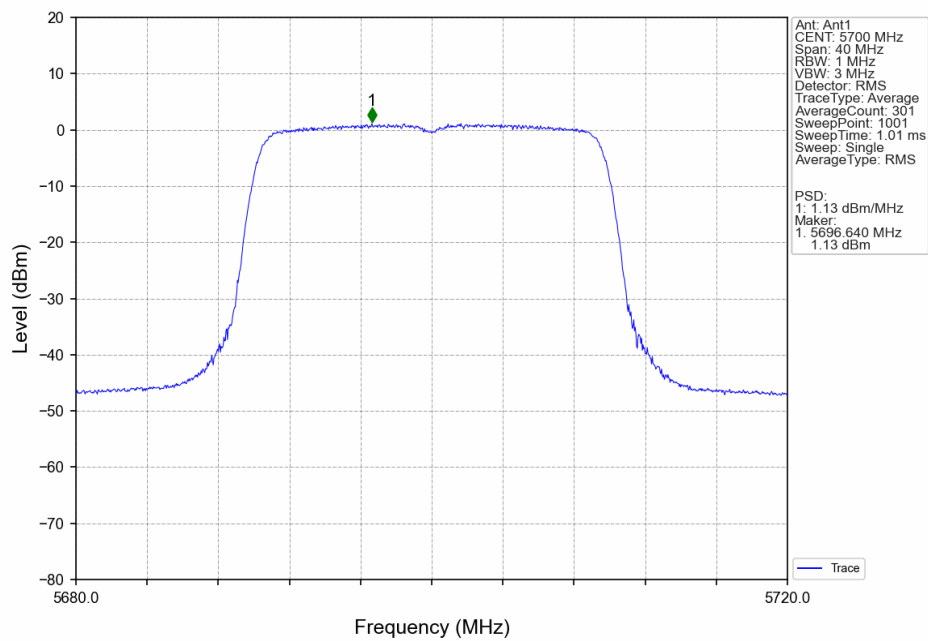
802.11ax(HEW20)_LCH_5500MHz_RU242_Left_Ant2_NTNV



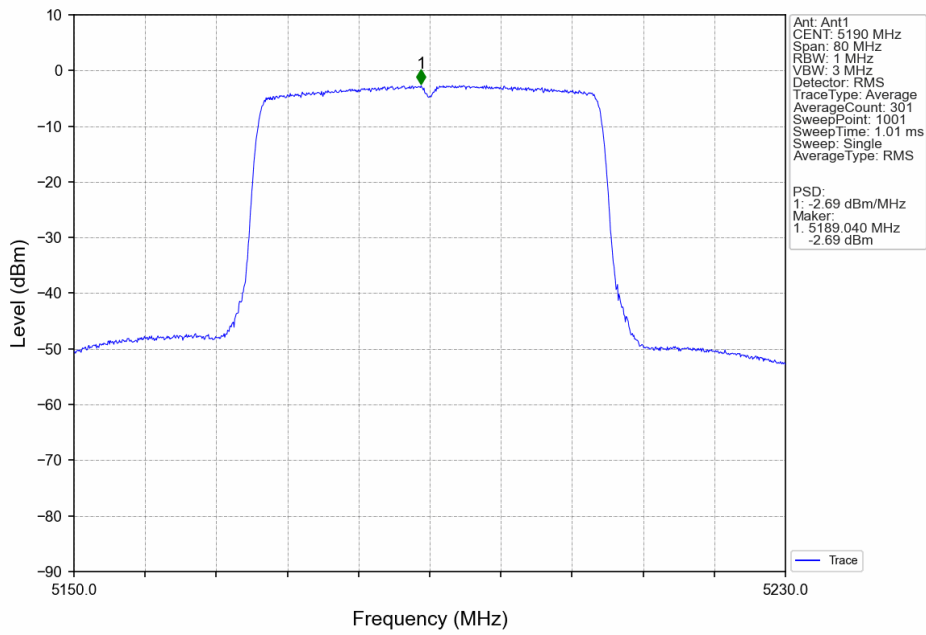
802.11ax(HEW20)_MCH_5580MHz_RU242_Left_Ant2_NTNV



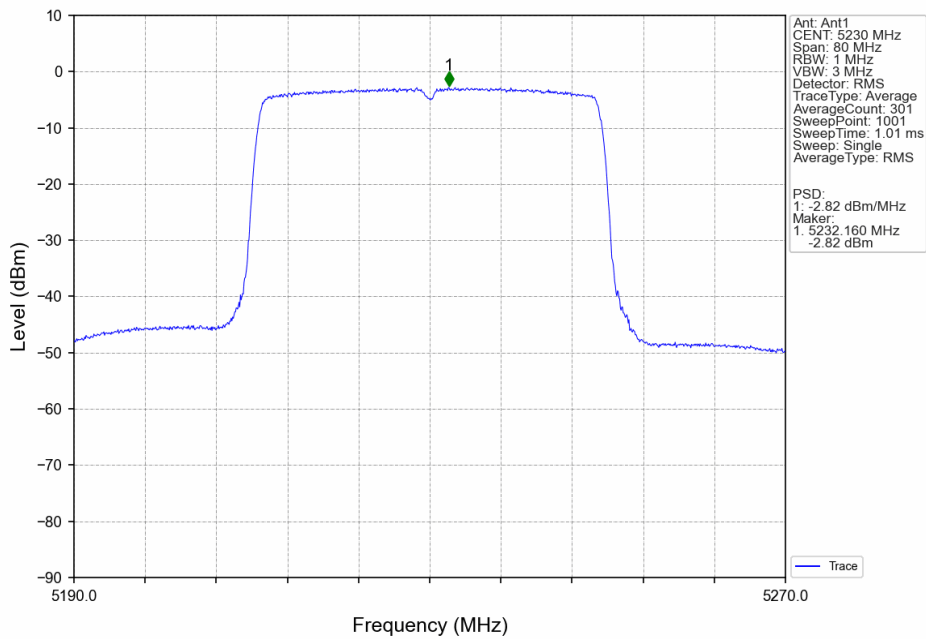
802.11ax(HEW20)_HCH_5700MHz_RU242_Left_Ant2_NTNV



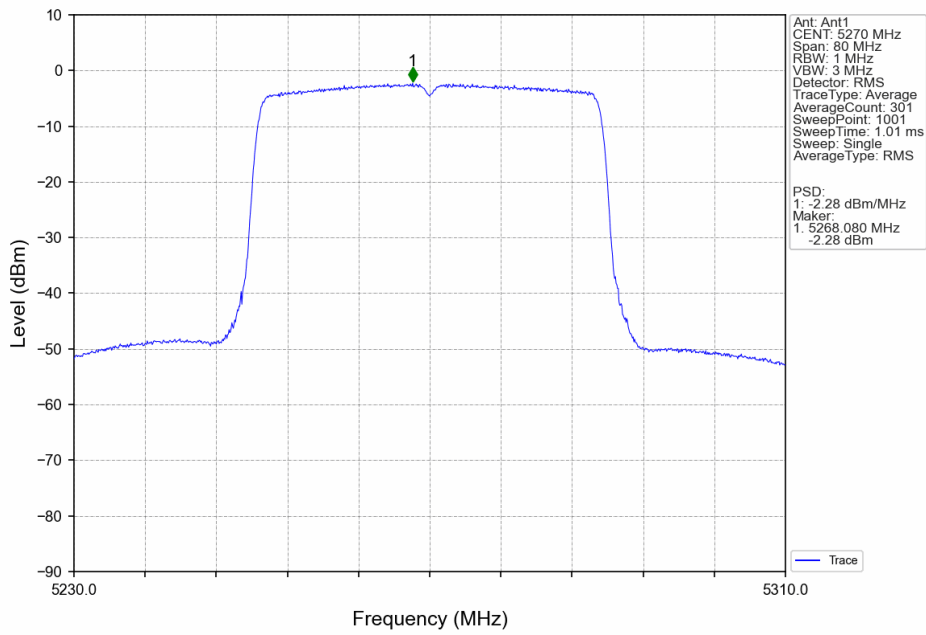
802.11ax(HEW40)_LCH_5190MHz_RU484_Left_Ant2_NTNV



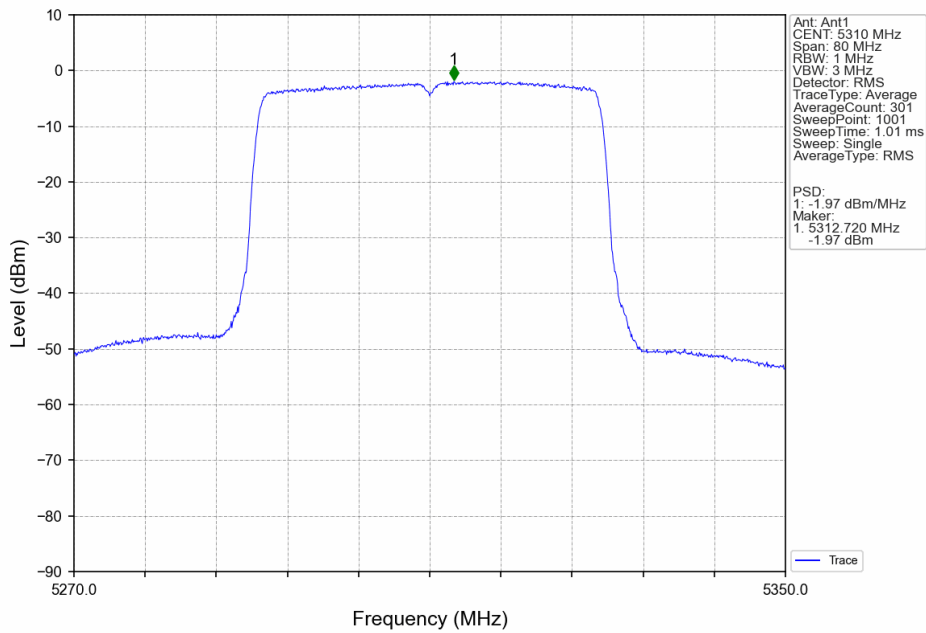
802.11ax(HEW40)_HCH_5230MHz_RU484_Left_Ant2_NTNV



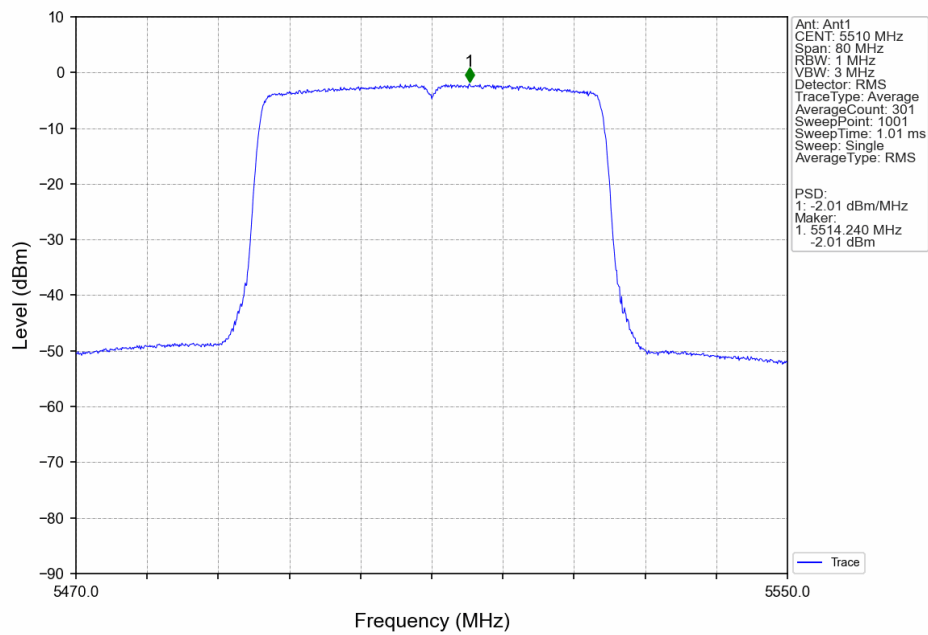
802.11ax(HEW40)_LCH_5270MHz_RU484_Left_Ant2_NTNV



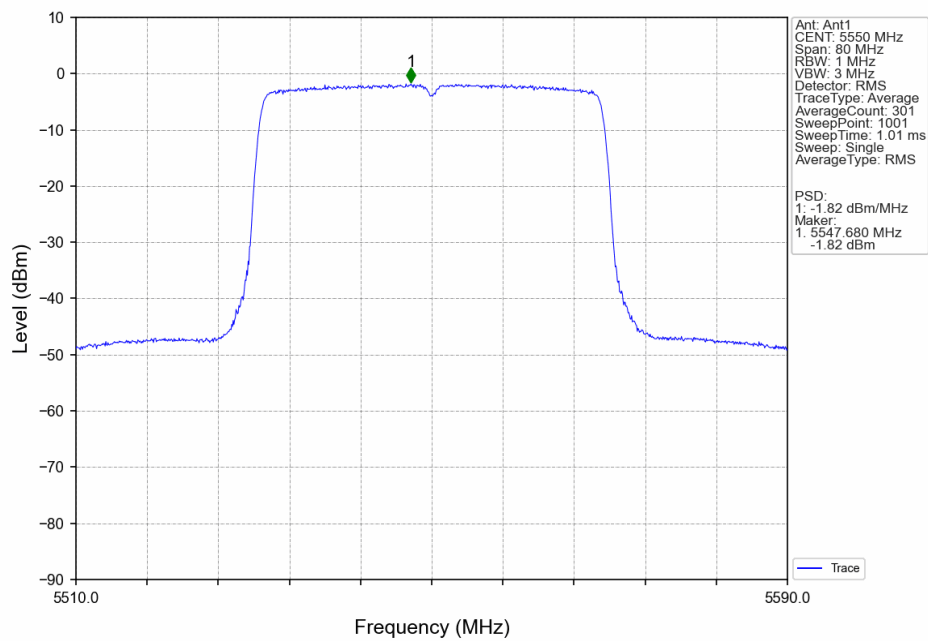
802.11ax(HEW40)_HCH_5310MHz_RU484_Left_Ant2_NTNV



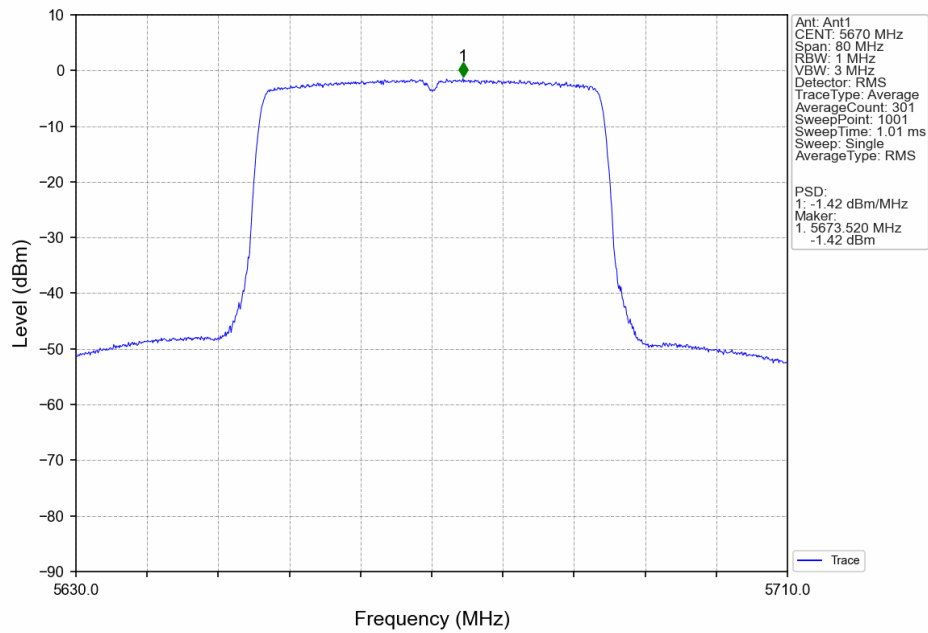
802.11ax(HEW40)_LCH_5510MHz_RU484_Left_Ant2_NTNV



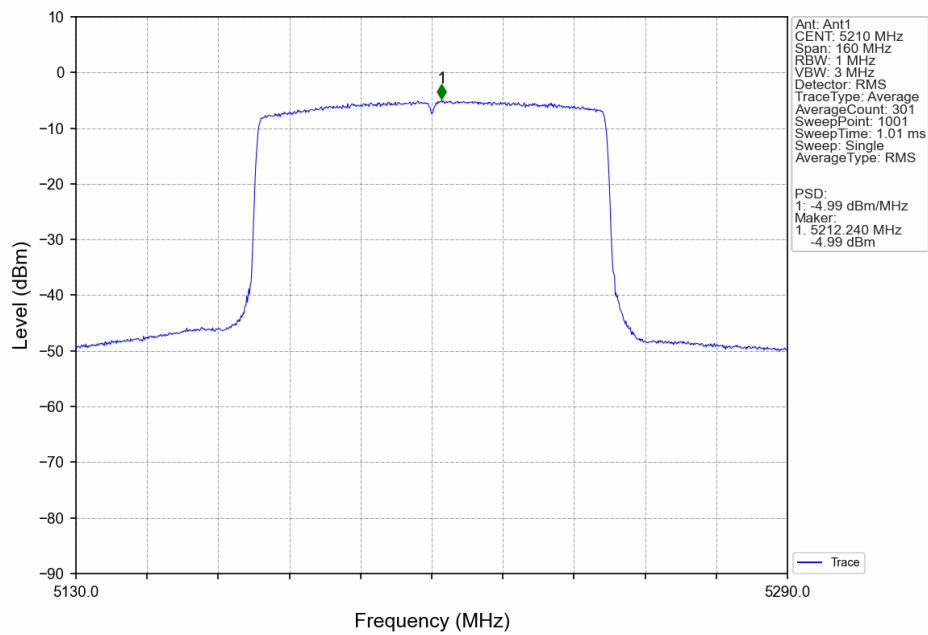
802.11ax(HEW40)_MCH_5550MHz_RU484_Left_Ant2_NTNV



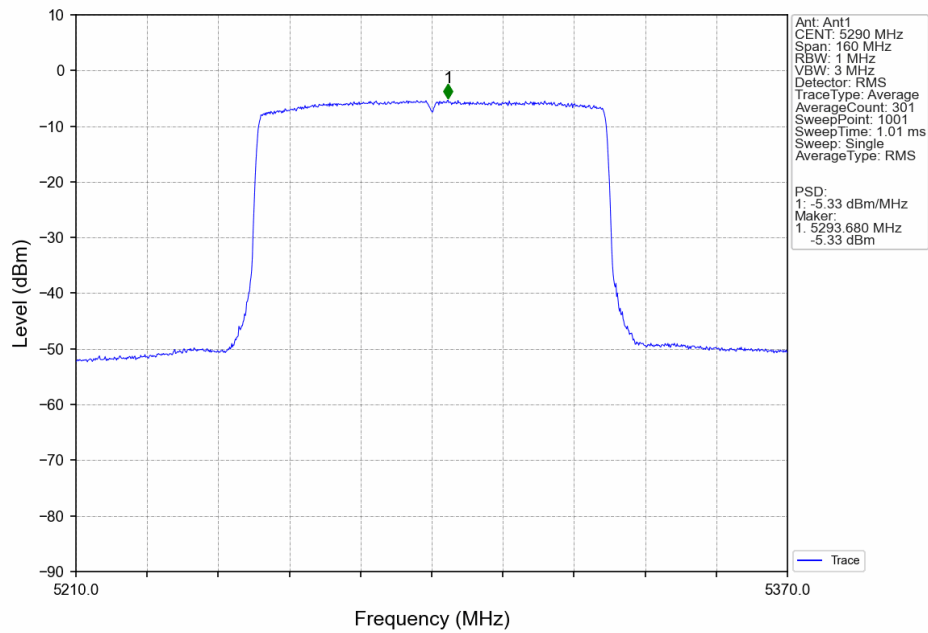
802.11ax(HEW40)_HCH_5670MHz_RU484_Left_Ant2_NTNV



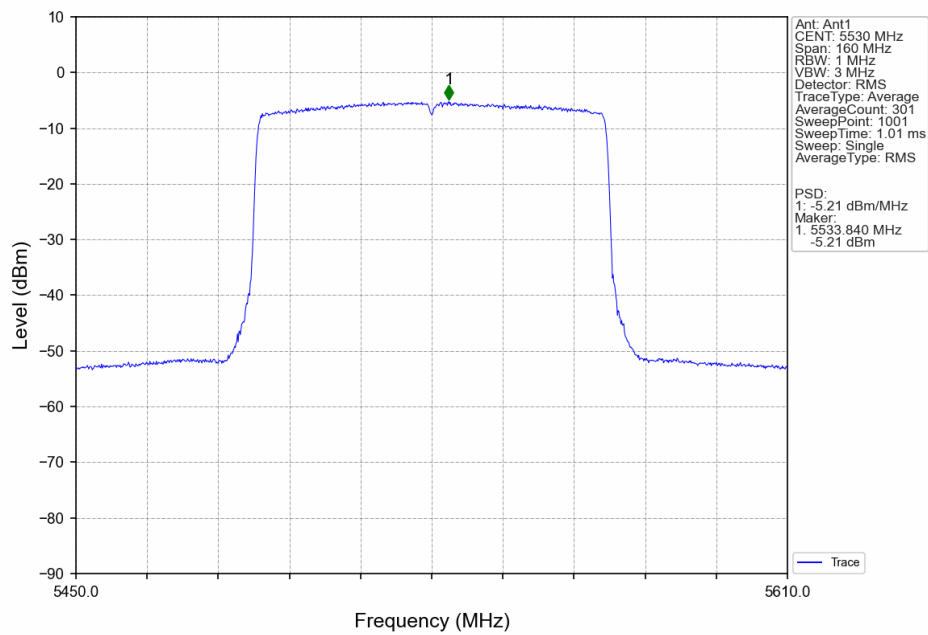
802.11ax(HEW80)_MCH_5210MHz_RU996_Left_Ant2_NTNV



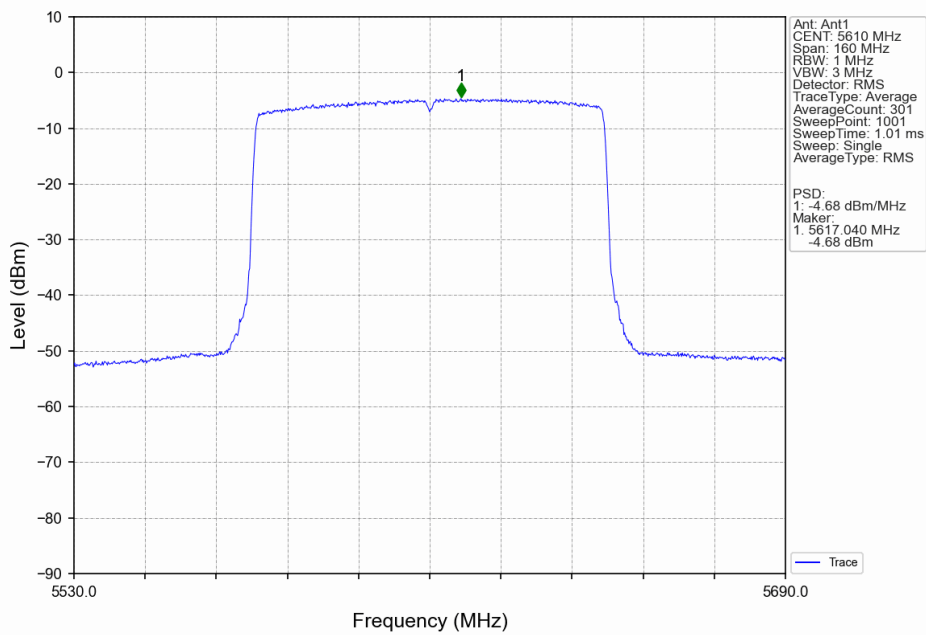
802.11ax(HEW80)_MCH_5290MHz_RU996_Left_Ant2_NTNV



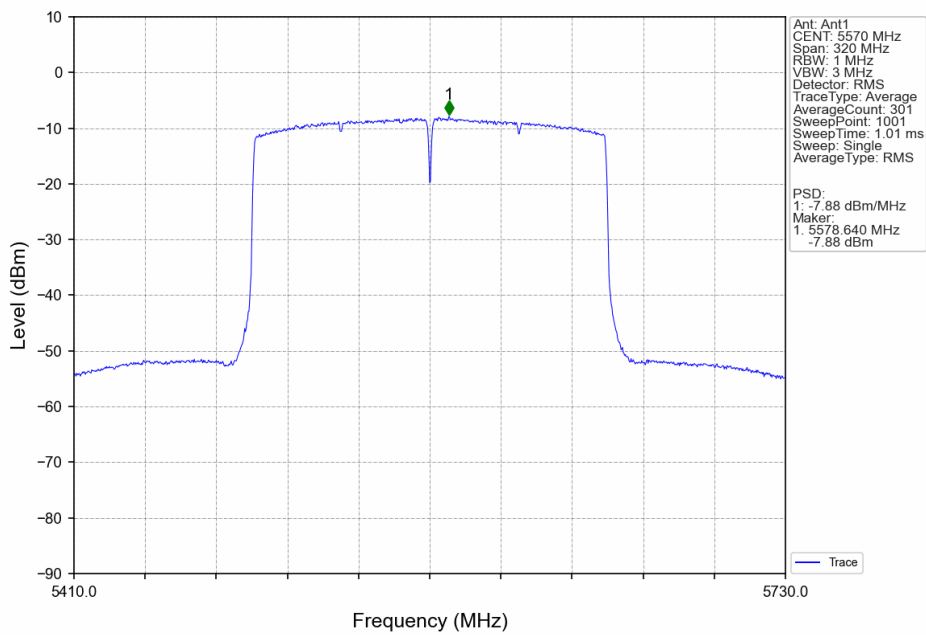
802.11ax(HEW80)_LCH_5530MHz_RU996_Left_Ant2_NTNV



802.11ax(HEW80)_HCH_5610MHz_RU996_Left_Ant2_NTNV

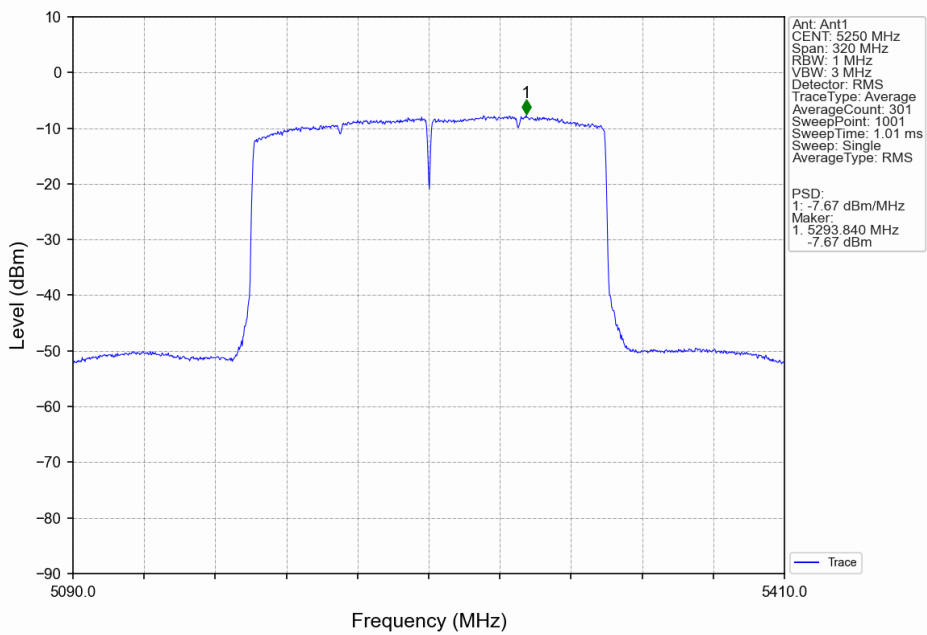


802.11ax(HEW160)_MCH_5570MHz_2xRU996_Left_Ant2_NTNV





802.11ax(HEW160)_MCH_5250MHz_2xRU996_Left_Ant2_NTNV

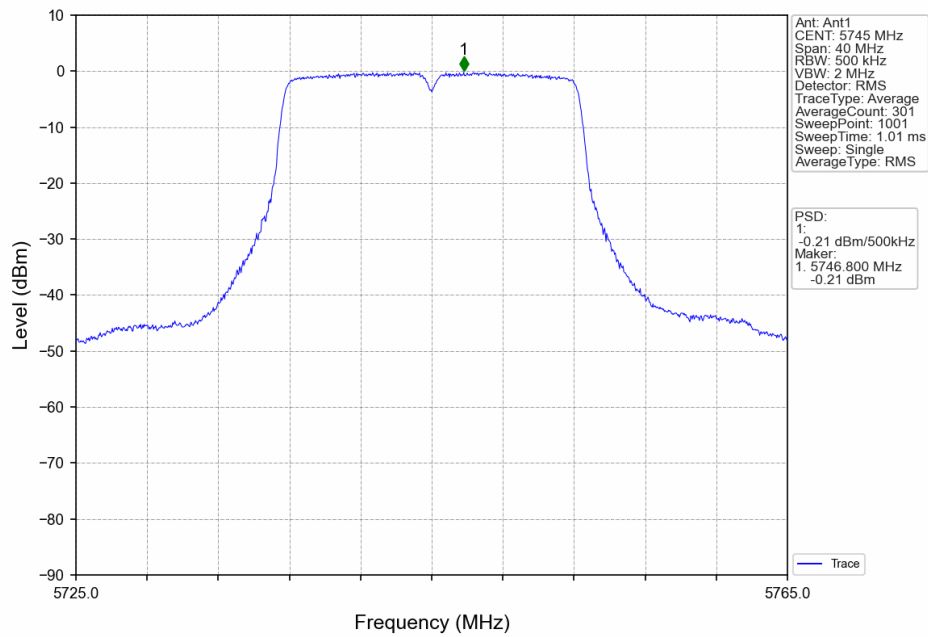


PSD-Band3

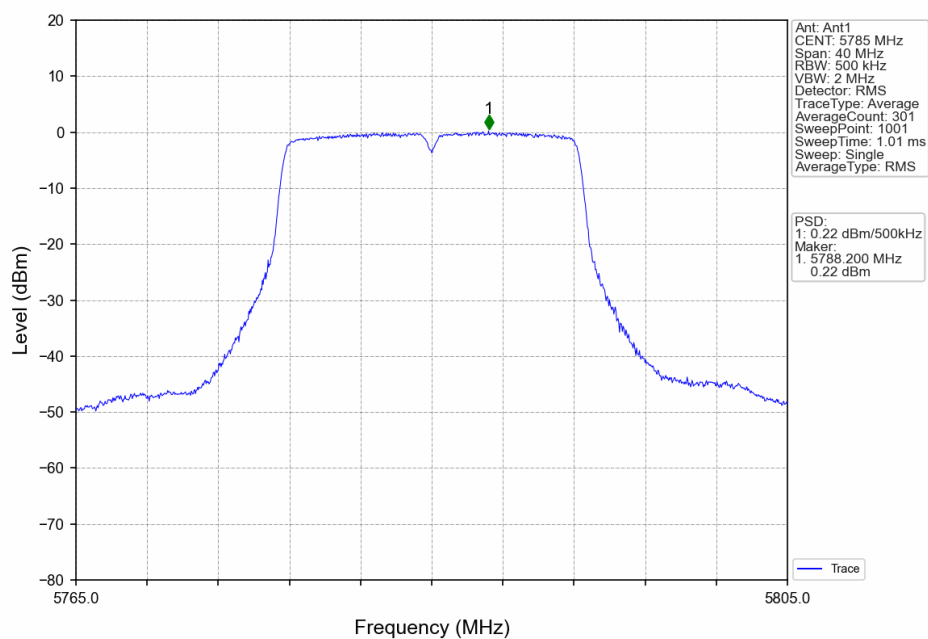
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/500kHz)				Verdict
					ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5745	/	/	-0.21	0.00	/	<=30	Pass
		5785	/	/	0.22	0.04	/	<=30	Pass
		5825	/	/	0.45	0.05	/	<=30	Pass
802.11n (HT20)	SISO	5745	/	/	-0.75	-0.22	2.53	<=30	Pass
		5785	/	/	-0.38	-0.46	2.59	<=30	Pass
		5825	/	/	-0.36	-0.43	2.62	<=30	Pass
802.11n (HT40)	SISO	5755	/	/	-3.63	-3.57	-0.59	<=30	Pass
		5795	/	/	-3.34	-3.34	-0.33	<=30	Pass
802.11ac (VHT20)	SISO	5745	/	/	-1.58	-1.46	1.49	<=30	Pass
		5785	/	/	-1.04	-1.34	1.82	<=30	Pass
		5825	/	/	-0.88	-1.48	1.84	<=30	Pass
802.11ac (VHT40)	SISO	5755	/	/	-4.82	-4.79	-1.79	<=30	Pass
		5795	/	/	-4.37	-4.50	-1.42	<=30	Pass
802.11ac (VHT80)	SISO	5775	/	/	-10.67	-7.76	-5.97	<=30	Pass
802.11ax (HEW20)	SISO	5745	RU242	Left	-1.96	-1.93	1.07	<=30	Pass
		5785	RU242	Left	-1.49	-1.84	1.35	<=30	Pass
		5825	RU242	Left	-1.43	-2.00	1.30	<=30	Pass
802.11ax (HEW40)	SISO	5755	RU484	Left	-5.07	-4.83	-1.94	<=30	Pass
		5795	RU484	Left	-4.25	-4.64	-1.43	<=30	Pass
802.11ax (HEW80)	SISO	5775	RU996	Left	-7.43	-7.33	-4.37	<=30	Pass

Ant1:

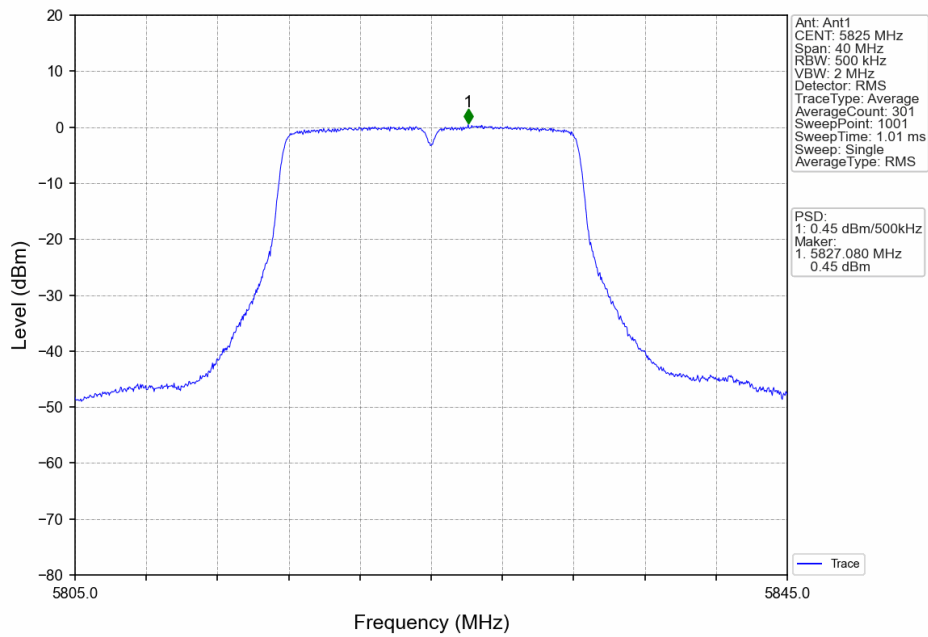
802.11a_LCH_5745MHz_Ant1_NTNV



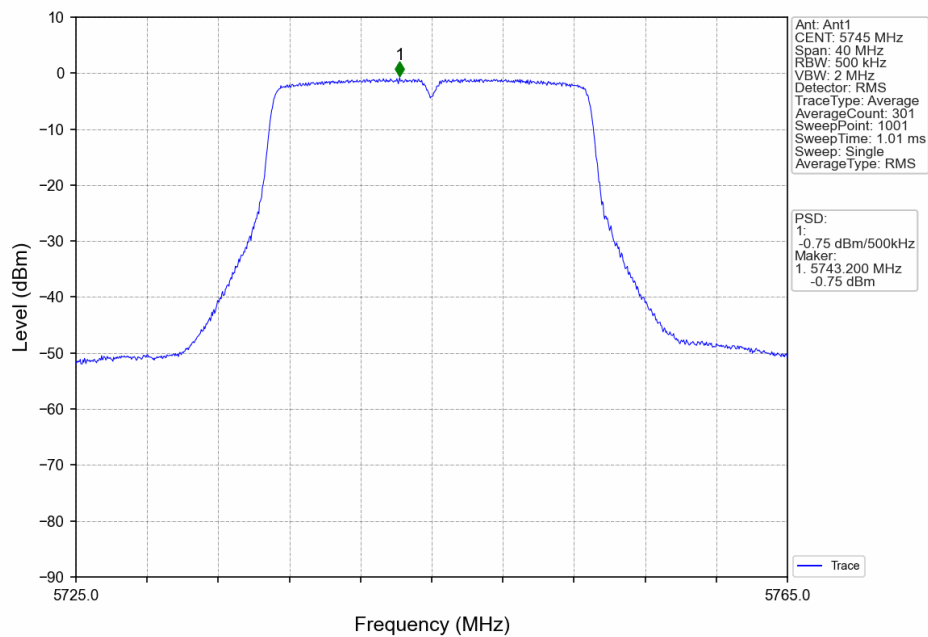
802.11a_MCH_5785MHz_Ant1_NTNV



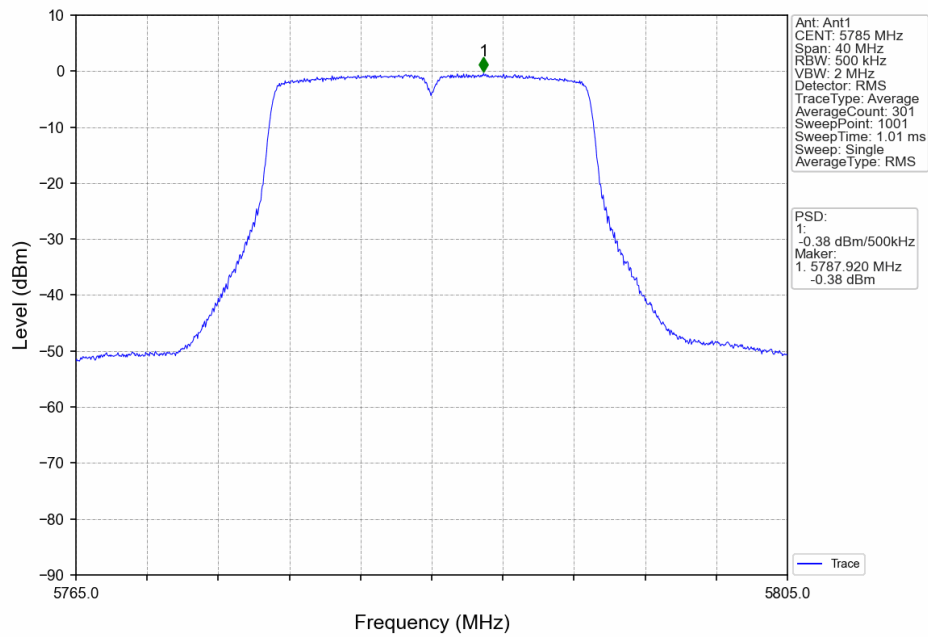
802.11a_HCH_5825MHz_Ant1_NTNV



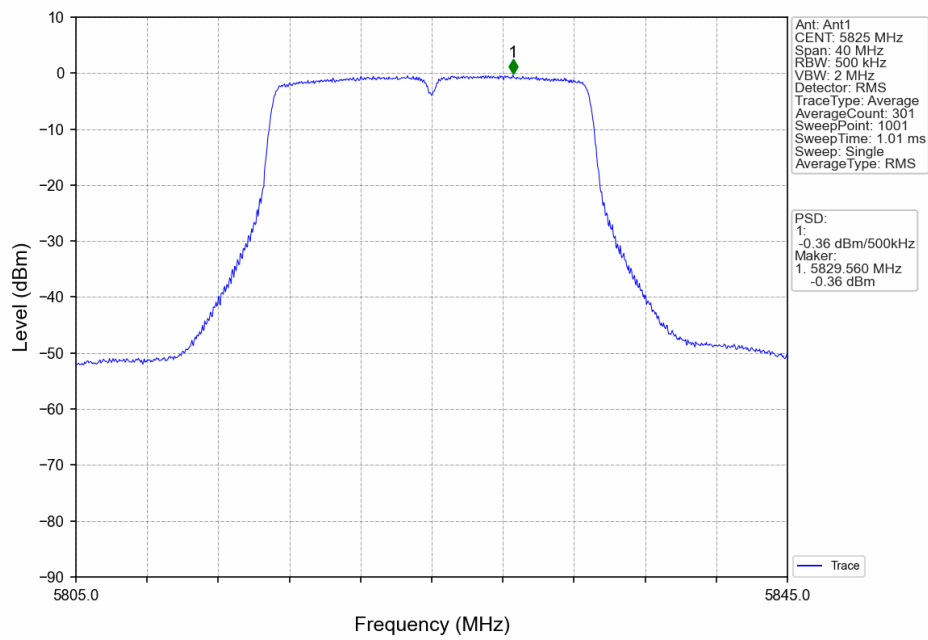
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



802.11n(HT20)_MCH_5785MHz_Ant1_NTNV

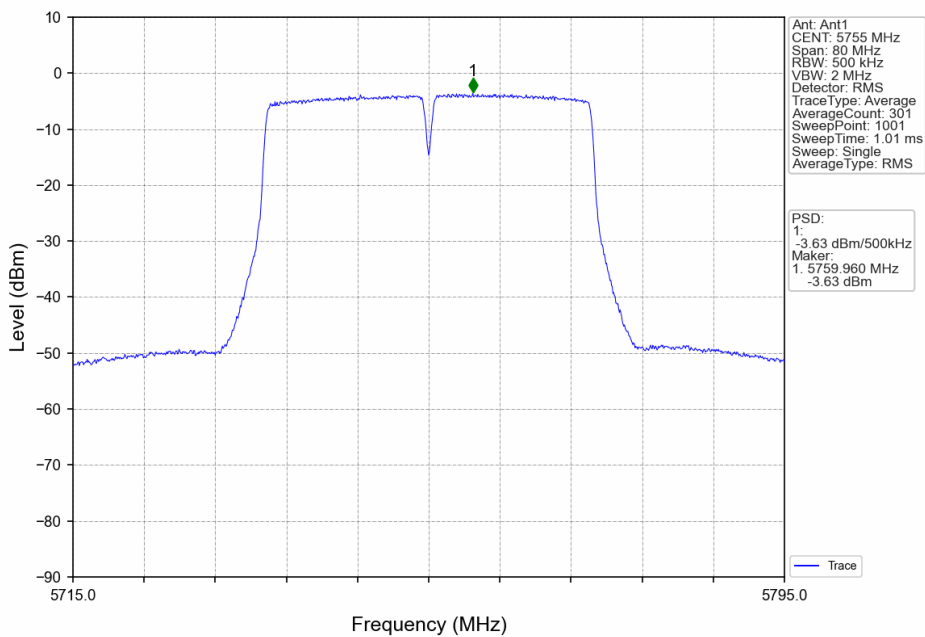


802.11n(HT20)_HCH_5825MHz_Ant1_NTNV

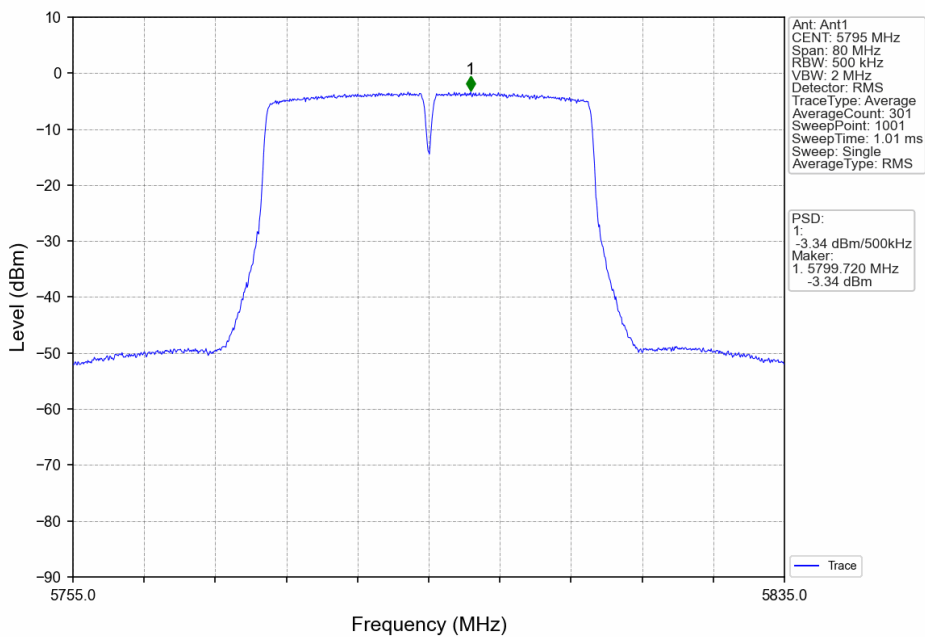




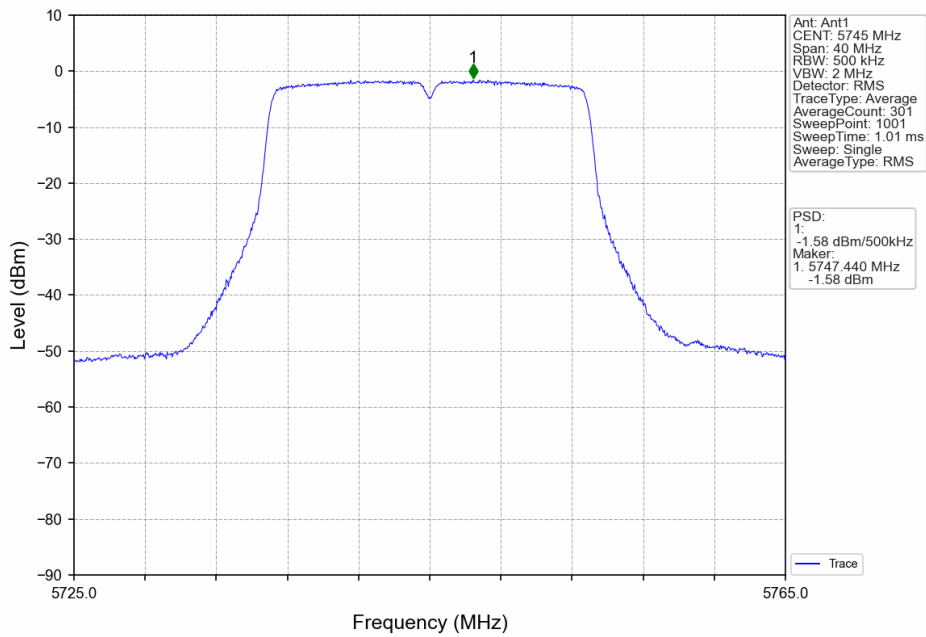
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



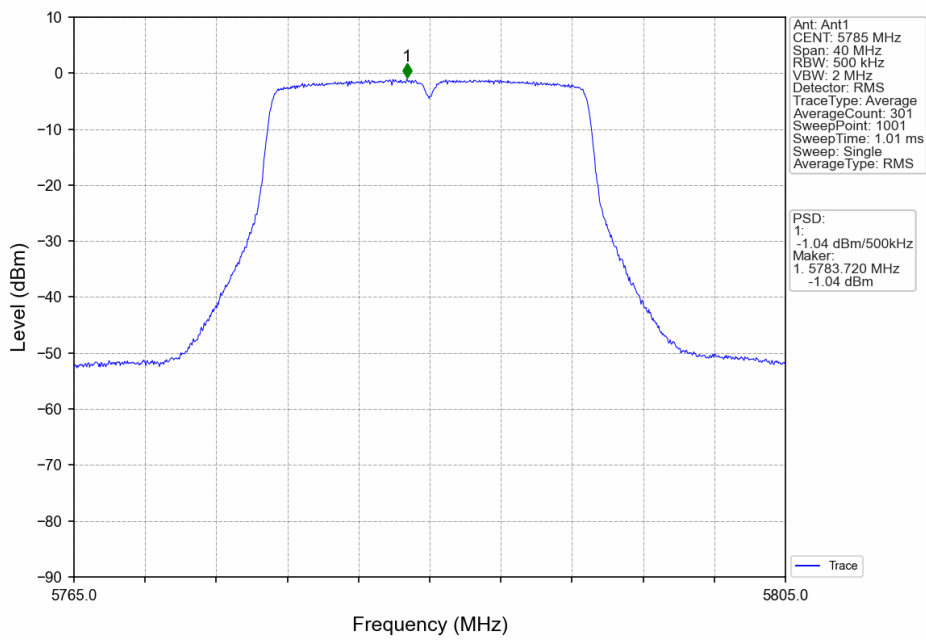
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV

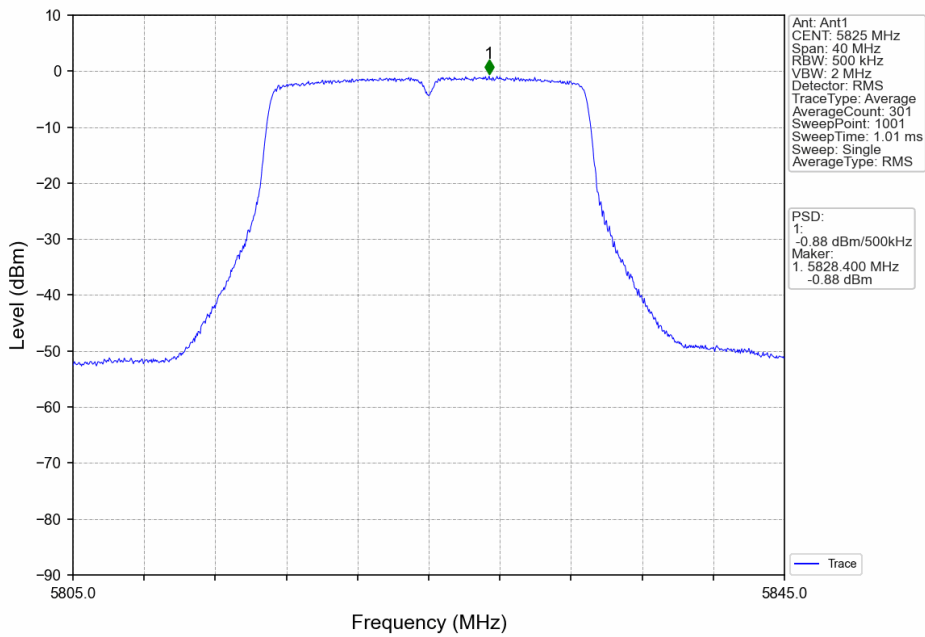


802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV

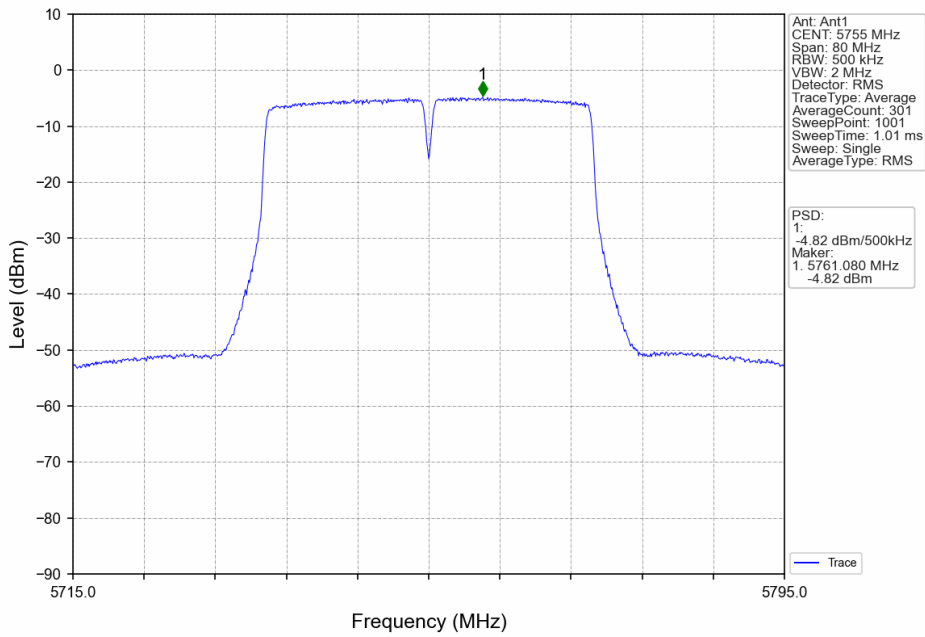




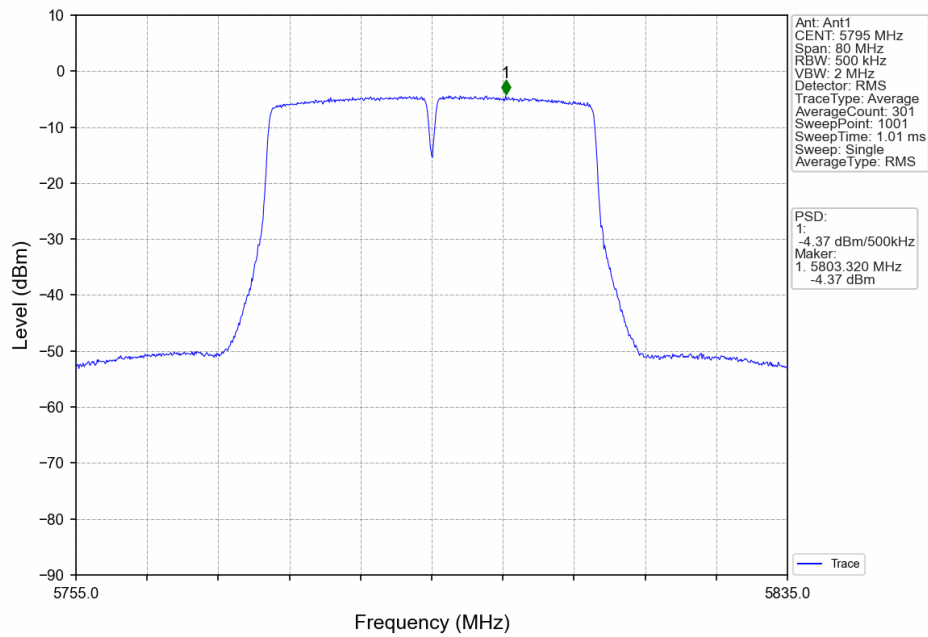
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



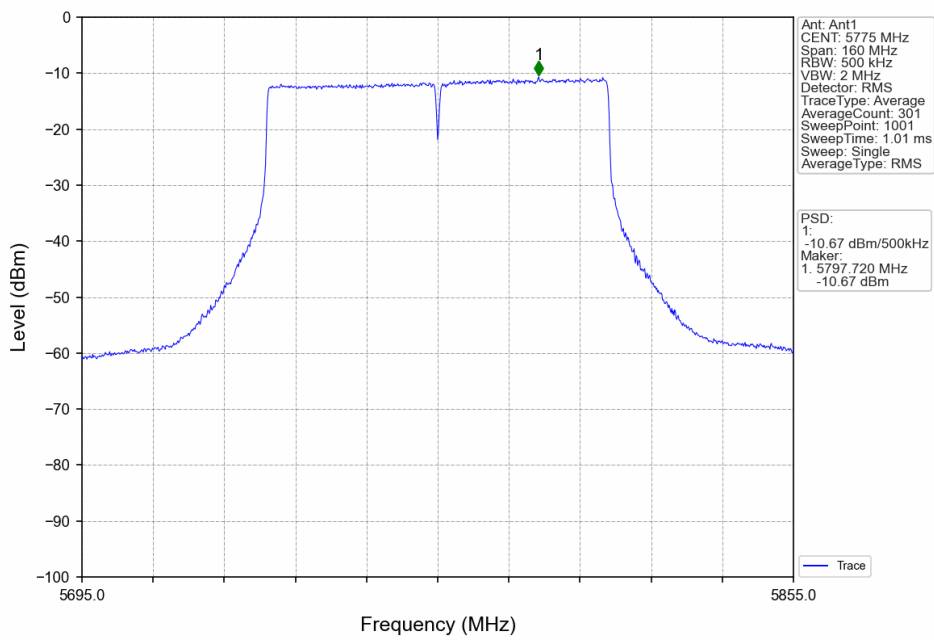
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



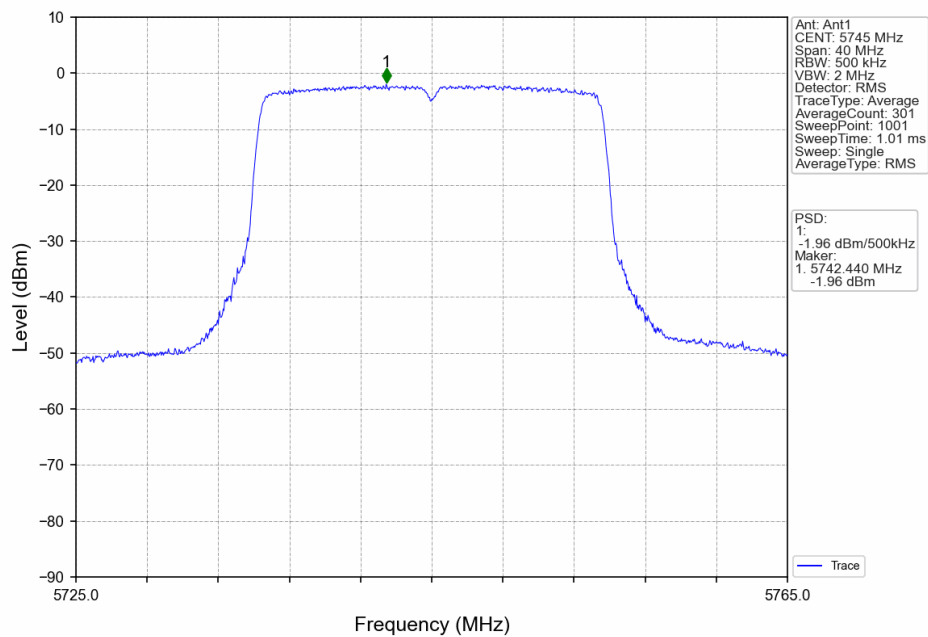
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



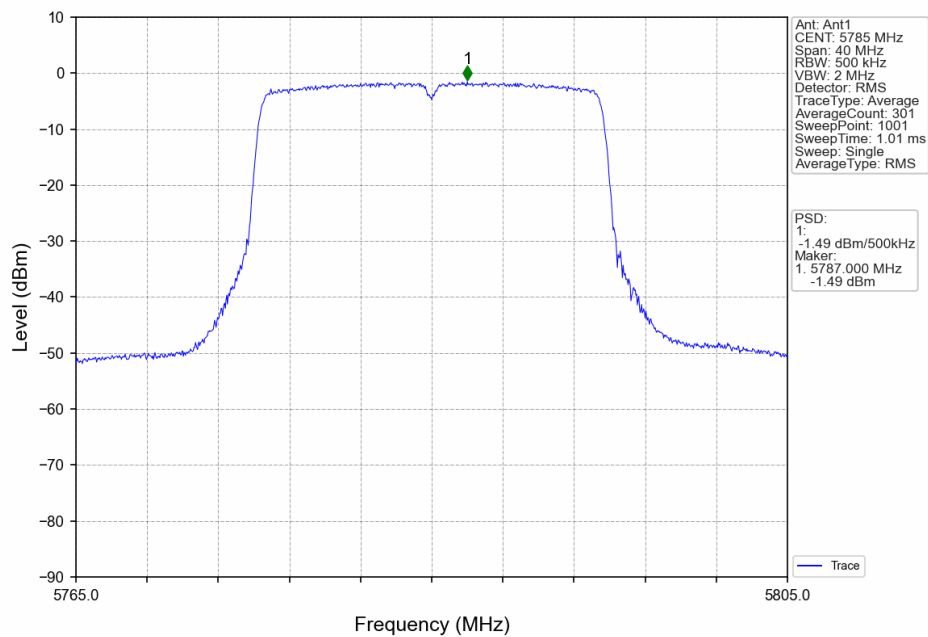
802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



802.11ax(HEW20)_LCH_5745MHz_RU242_Left_Ant1_NTNV

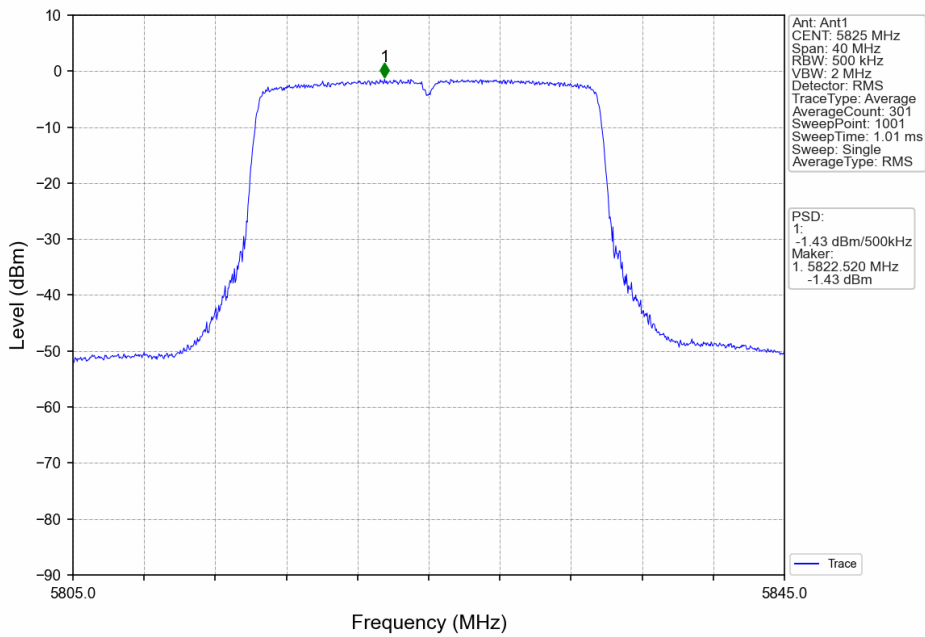


802.11ax(HEW20)_MCH_5785MHz_RU242_Left_Ant1_NTNV

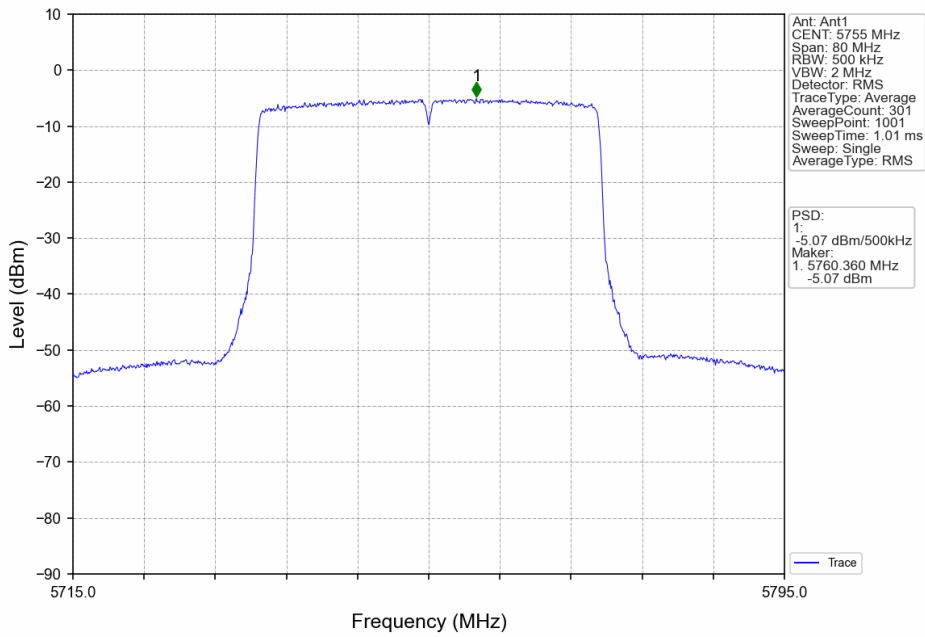




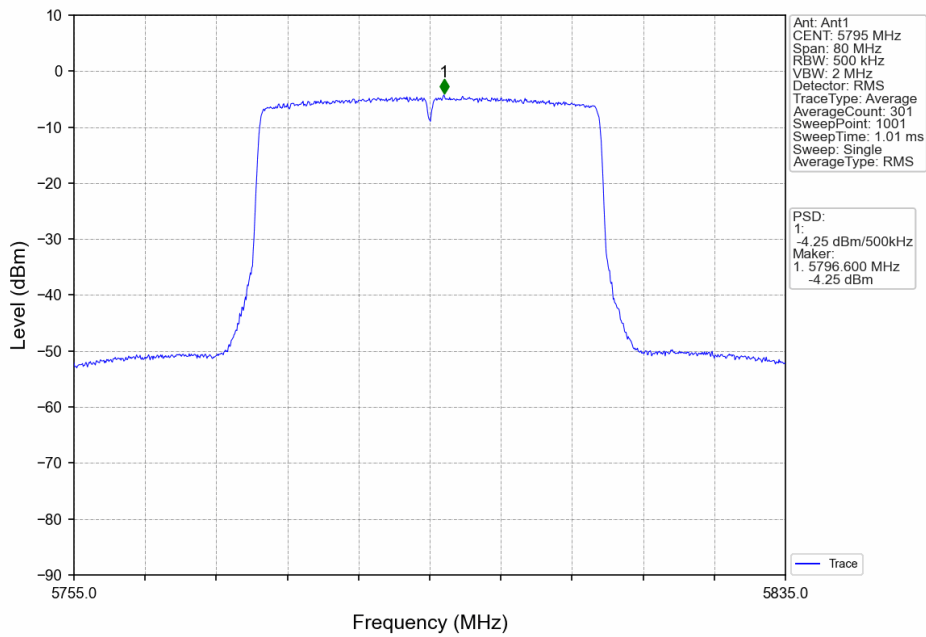
802.11ax(HEW20)_HCH_5825MHz_RU242_Left_Ant1_NTNV



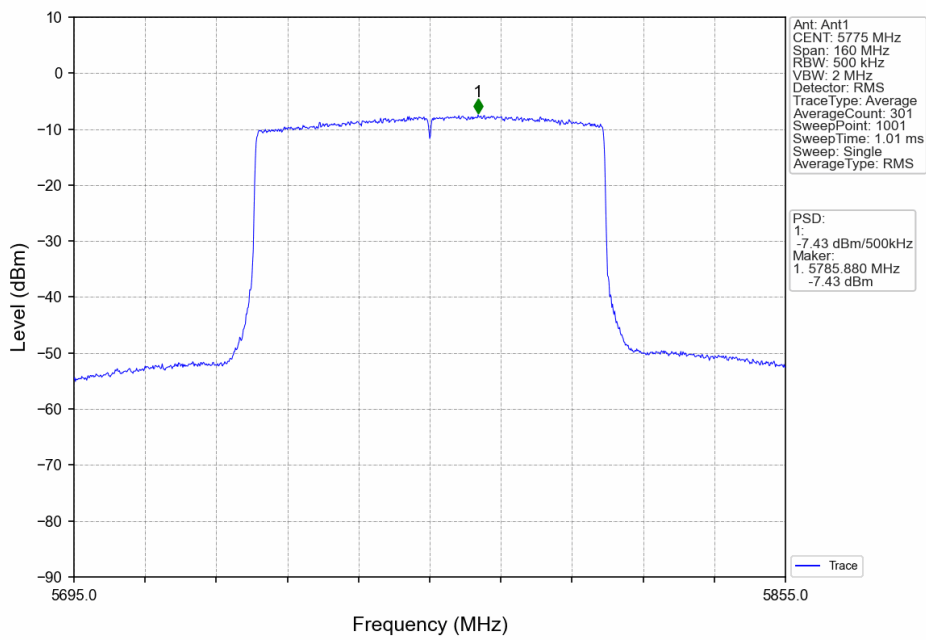
802.11ax(HEW40)_LCH_5755MHz_RU484_Left_Ant1_NTNV



802.11ax(HEW40)_HCH_5795MHz_RU484_Left_Ant1_NTNV

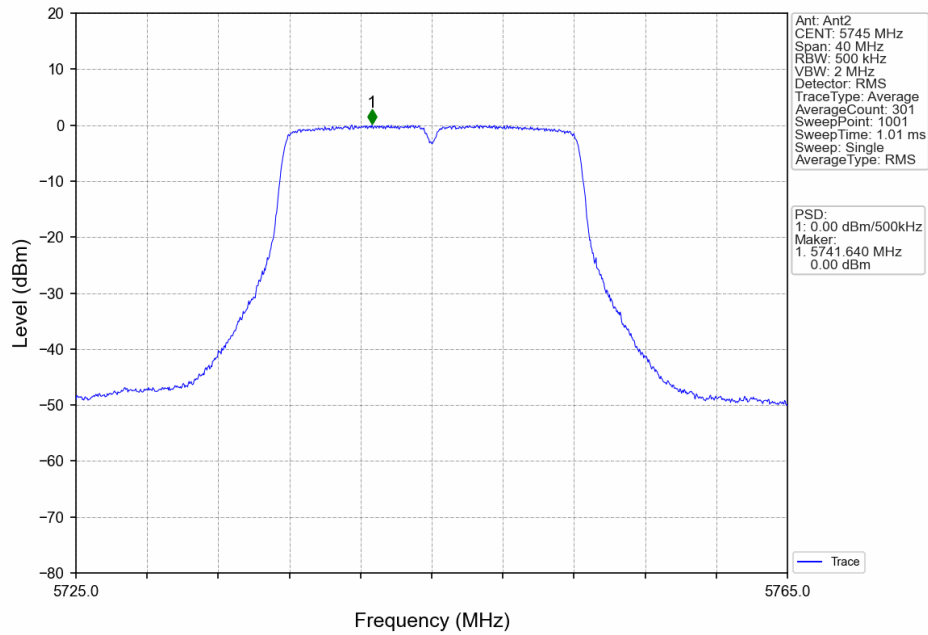


802.11ax(HEW80)_MCH_5775MHz_RU996_Left_Ant1_NTNV

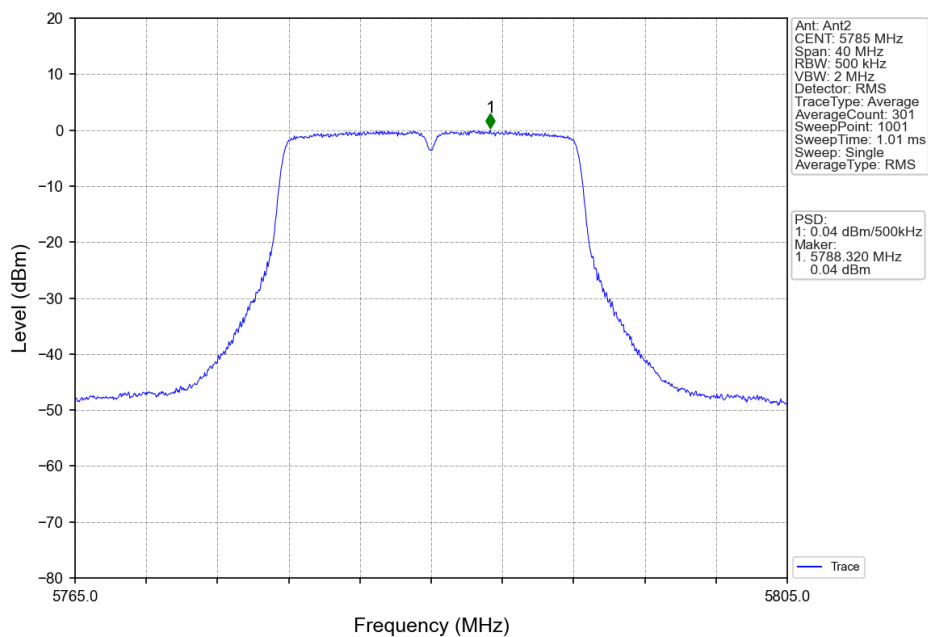


Ant2:

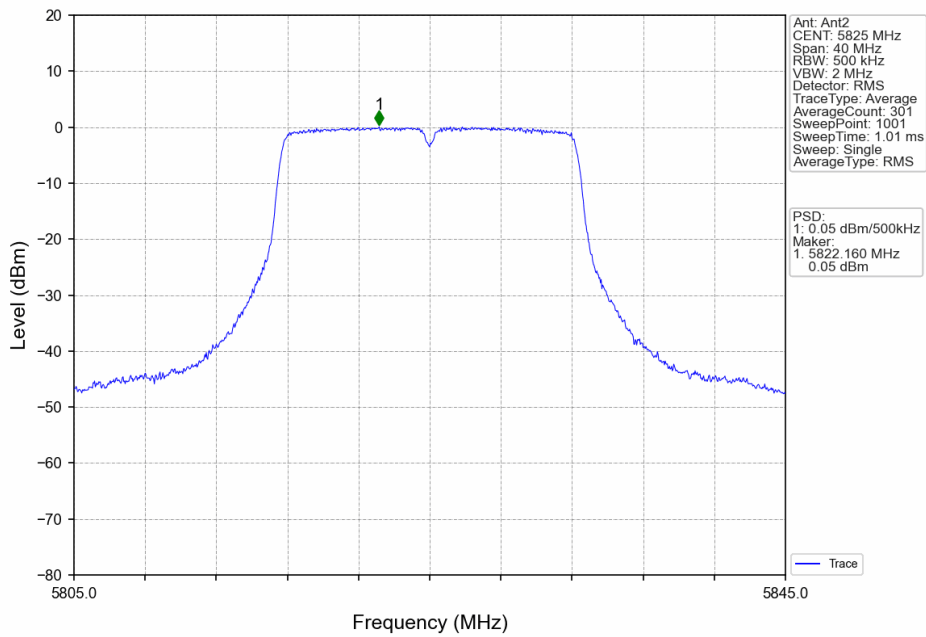
802.11a_LCH_5745MHz_Ant2_NTNV



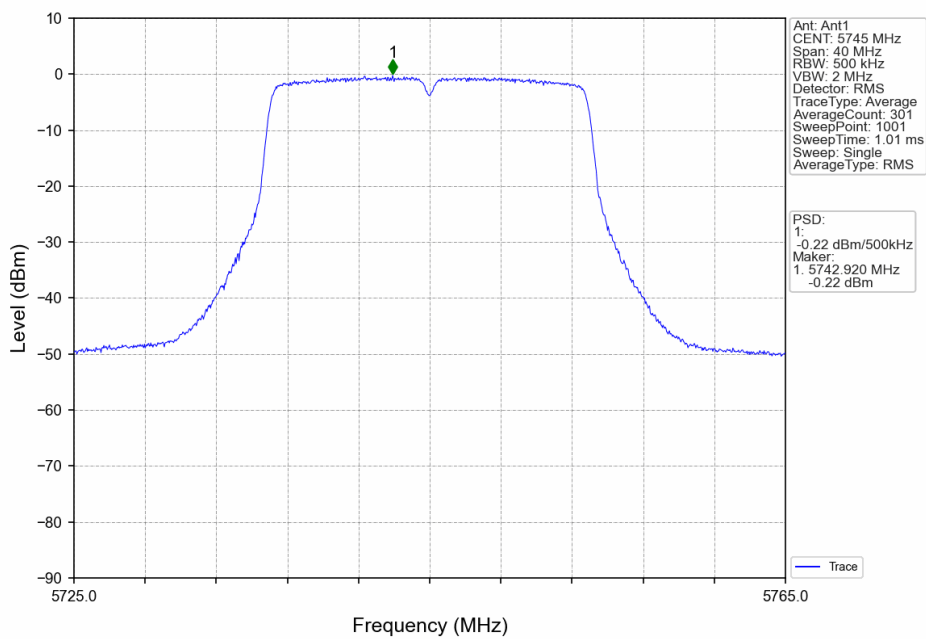
802.11a_MCH_5785MHz_Ant2_NTNV



802.11a_HCH_5825MHz_Ant2_NTNV

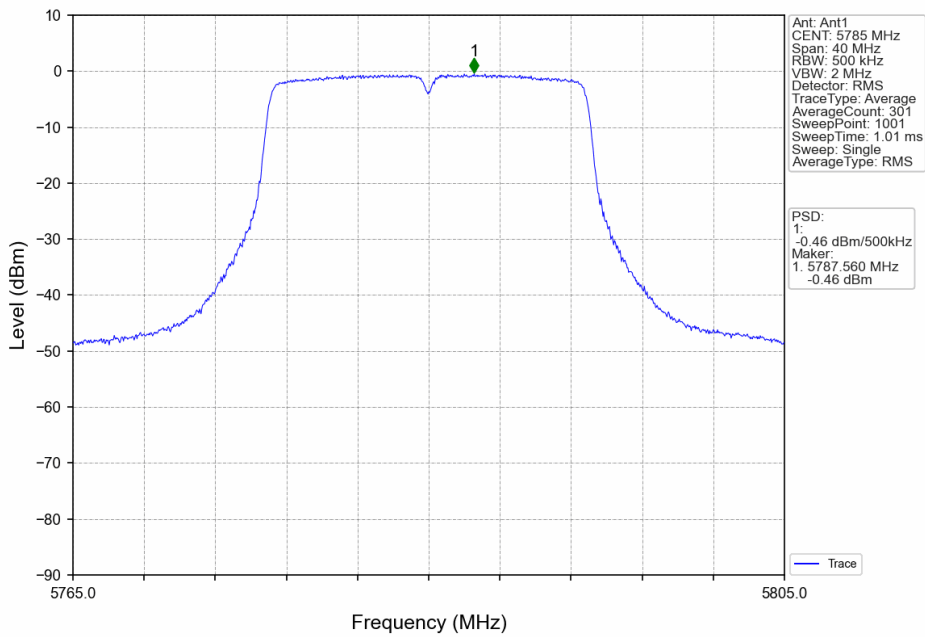


802.11n(HT20)_LCH_5745MHz_Ant2_NTNV

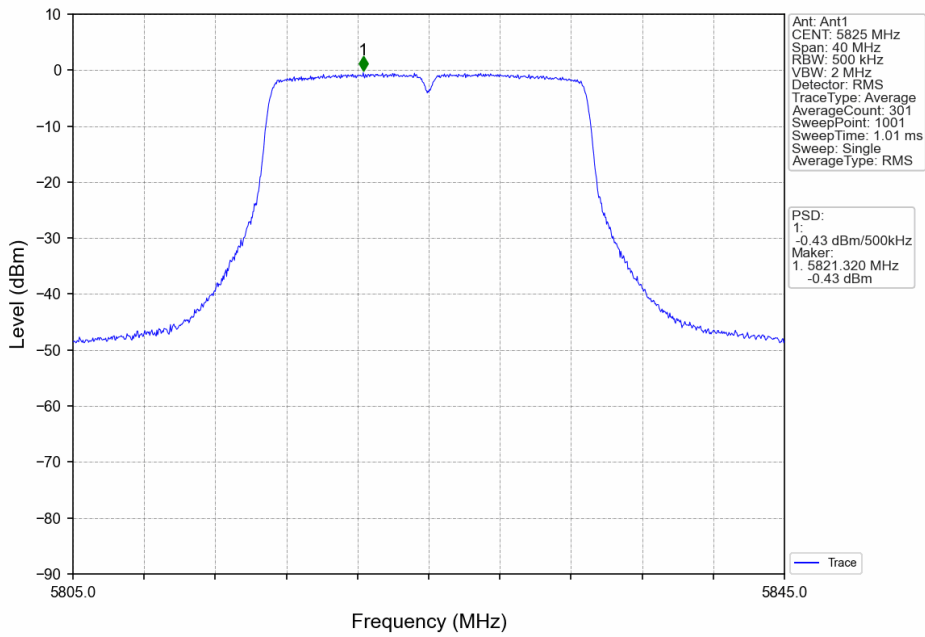




802.11n(HT20)_MCH_5785MHz_Ant2_NTNV

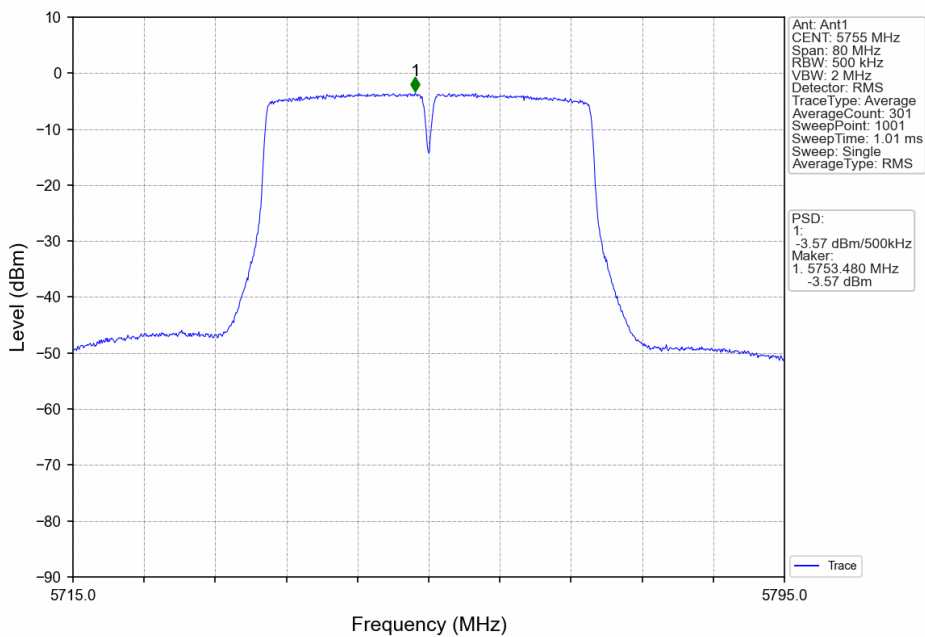


802.11n(HT20)_HCH_5825MHz_Ant2_NTNV

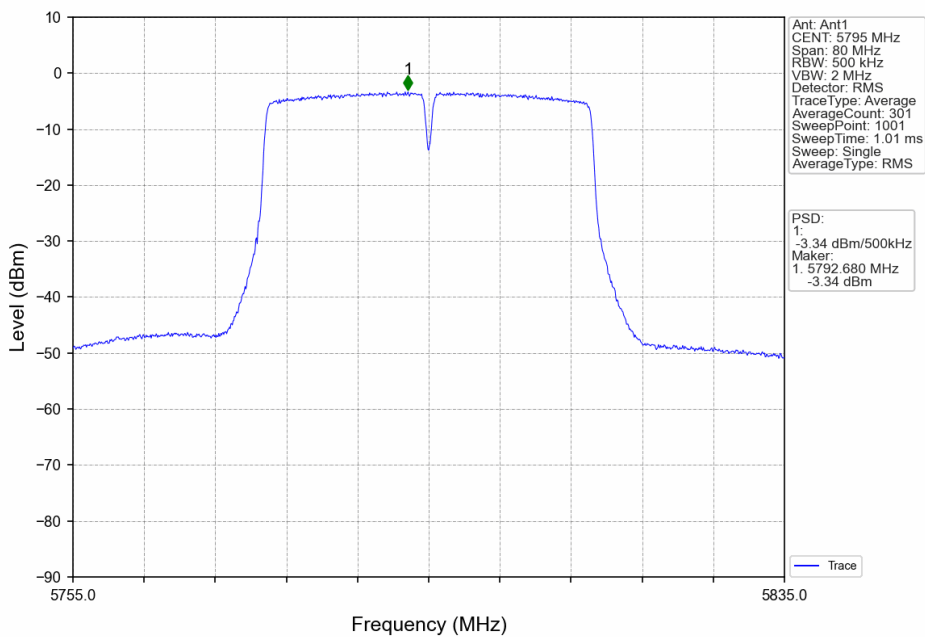




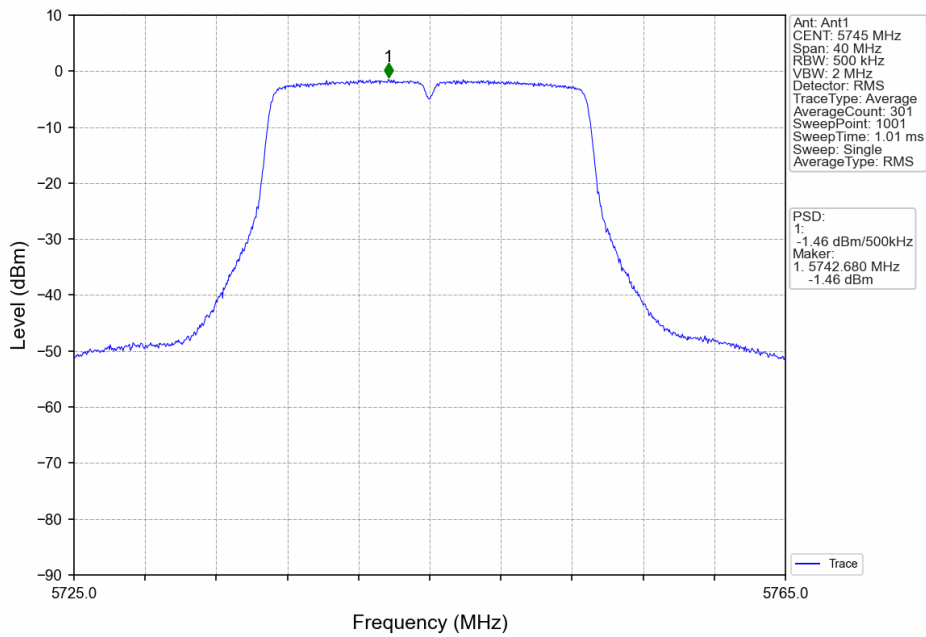
802.11n(HT40)_LCH_5755MHz_Ant2_NTNV



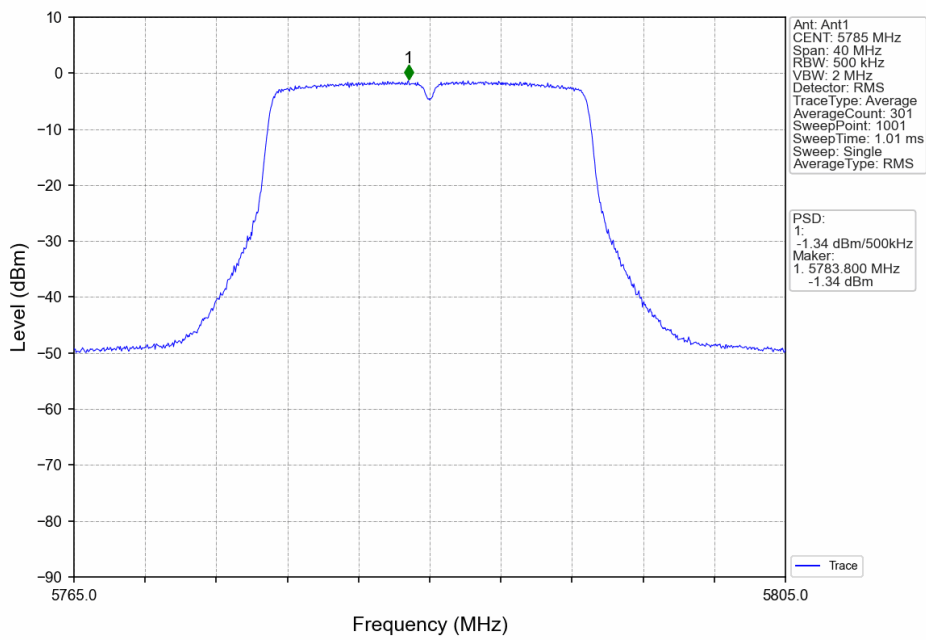
802.11n(HT40)_HCH_5795MHz_Ant2_NTNV



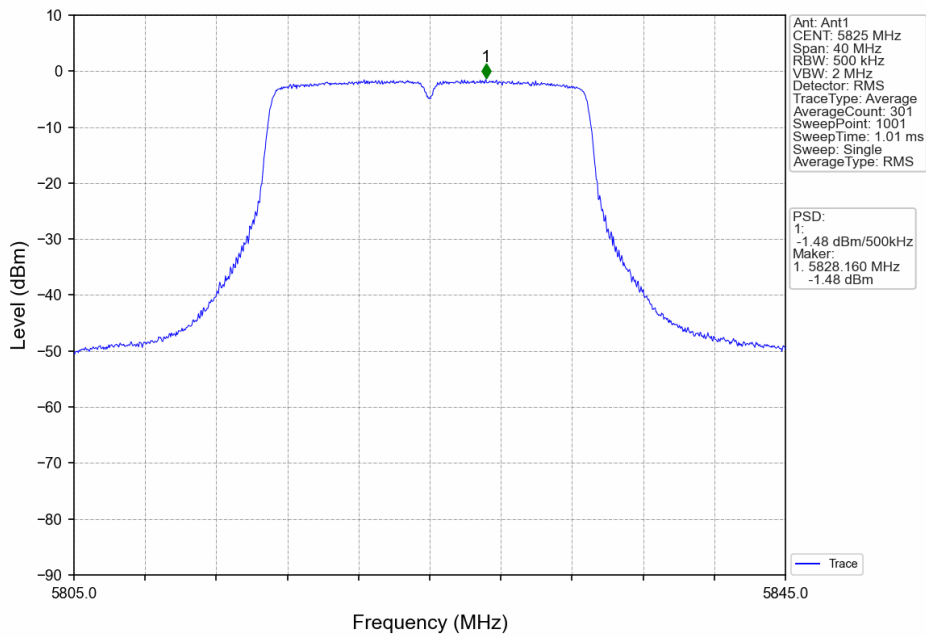
802.11ac(VHT20)_LCH_5745MHz_Ant2_NTNV



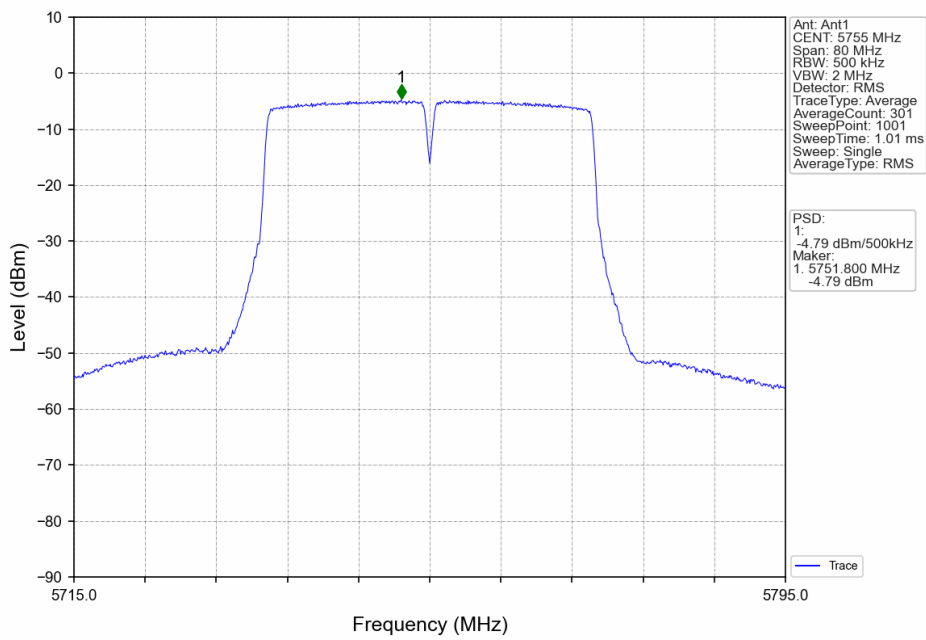
802.11ac(VHT20)_MCH_5785MHz_Ant2_NTNV



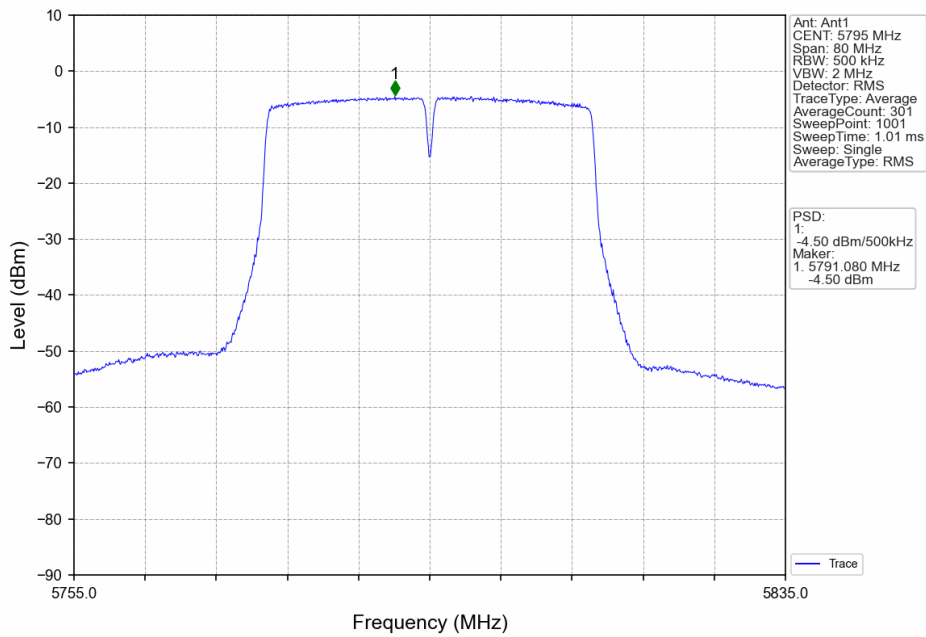
802.11ac(VHT20)_HCH_5825MHz_Ant2_NTNV



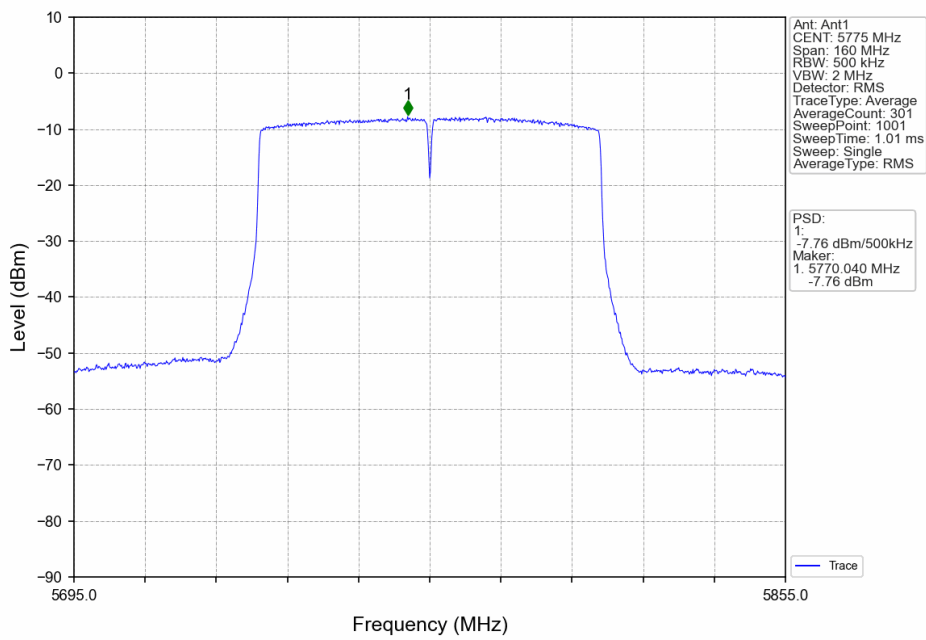
802.11ac(VHT40)_LCH_5755MHz_Ant2_NTNV



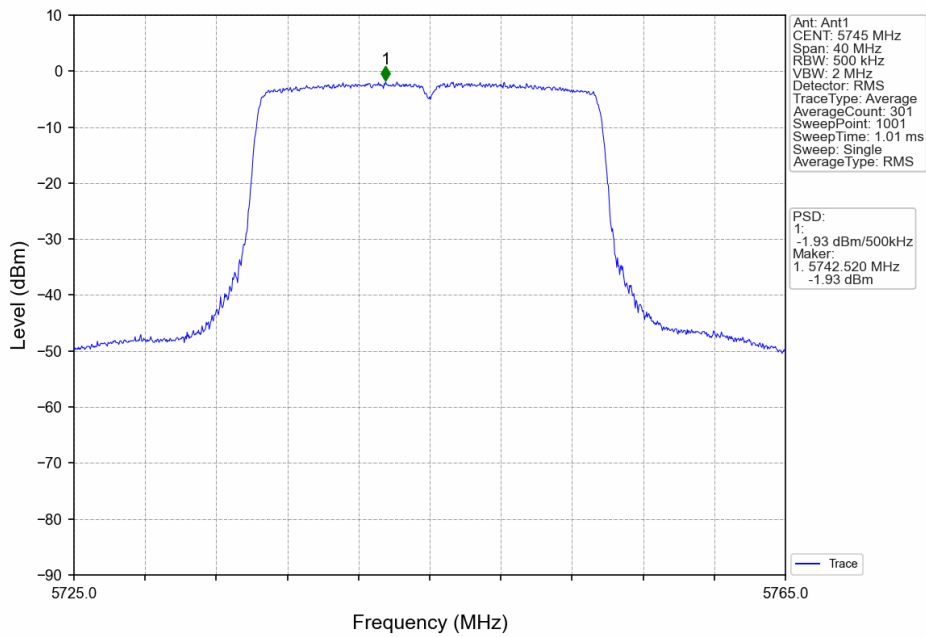
802.11ac(VHT40)_HCH_5795MHz_Ant2_NTNV



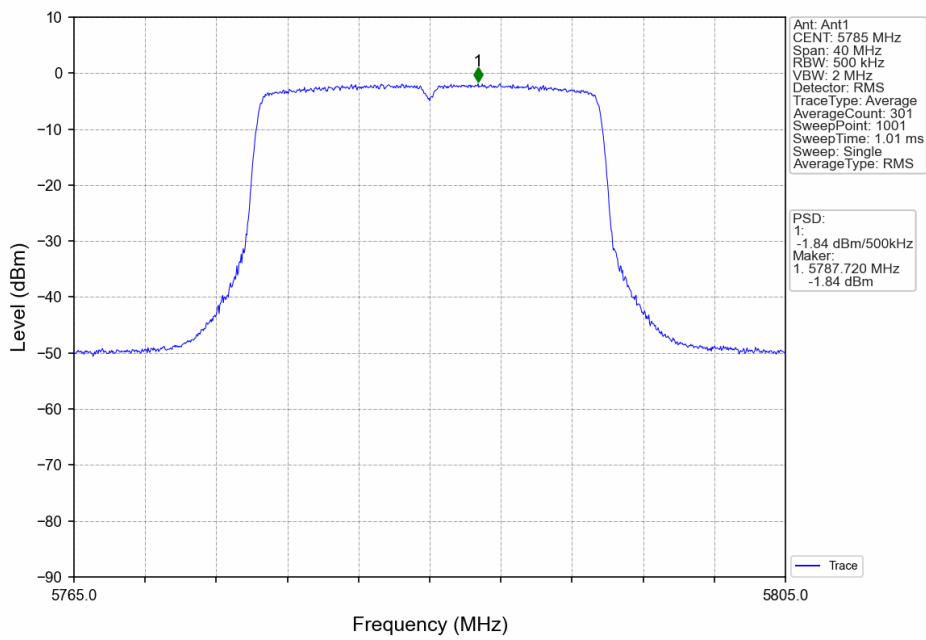
802.11ac(VHT80)_MCH_5775MHz_Ant2_NTNV



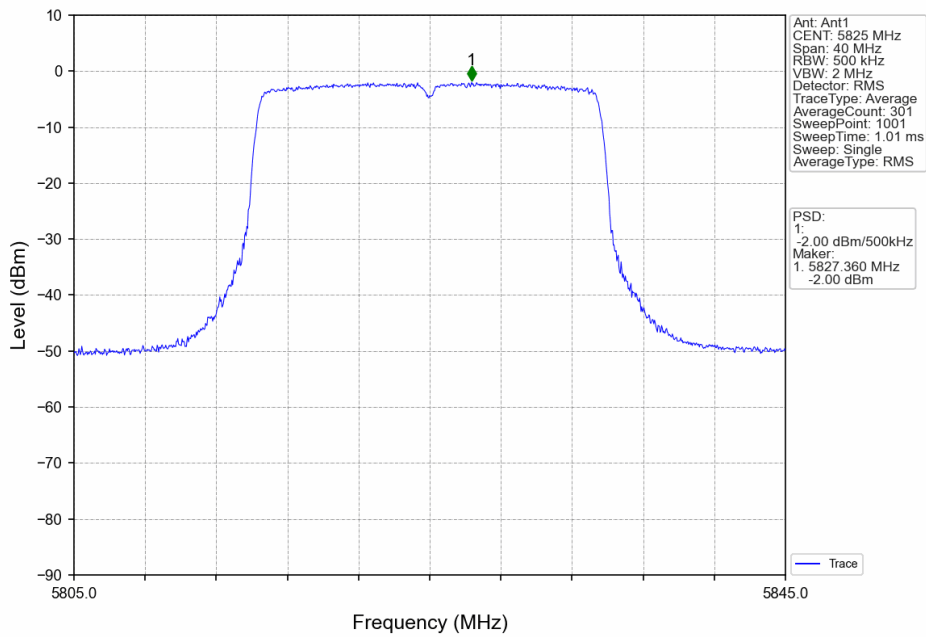
802.11ax(HEW20)_LCH_5745MHz_RU242_Left_Ant2_NTNV



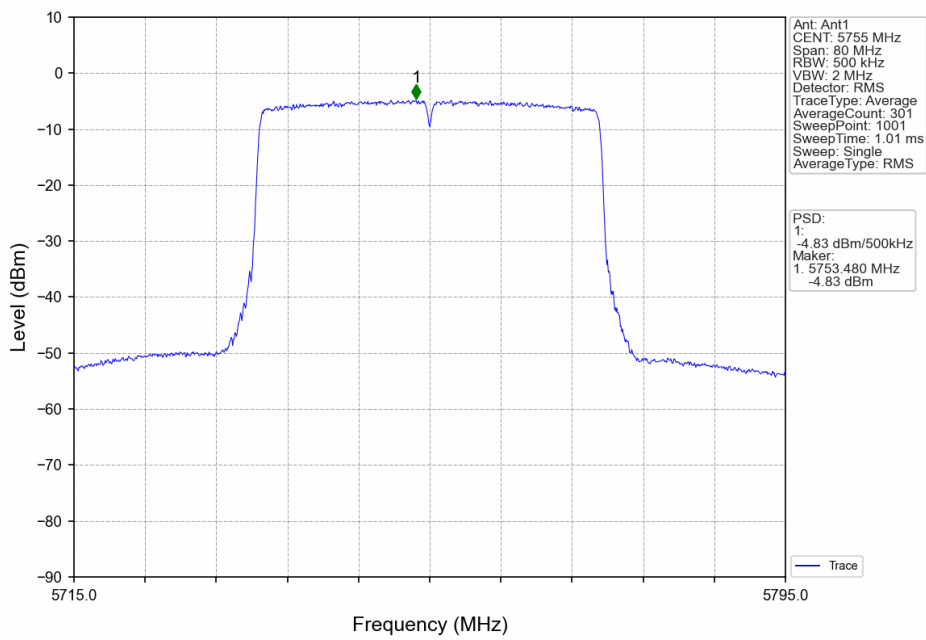
802.11ax(HEW20)_MCH_5785MHz_RU242_Left_Ant2_NTNV



802.11ax(HEW20)_HCH_5825MHz_RU242_Left_Ant2_NTNV

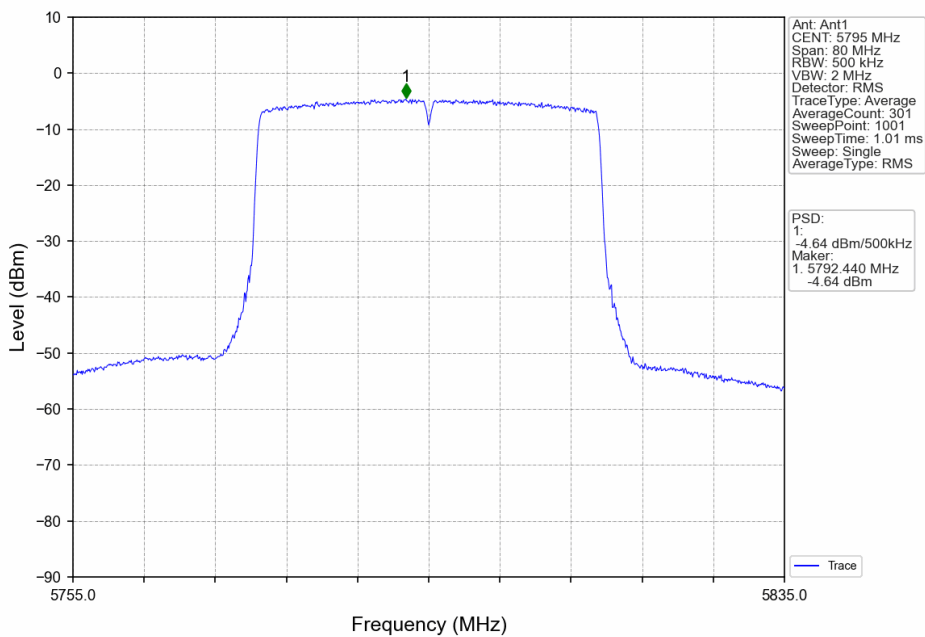


802.11ax(HEW40)_LCH_5755MHz_RU484_Left_Ant2_NTNV

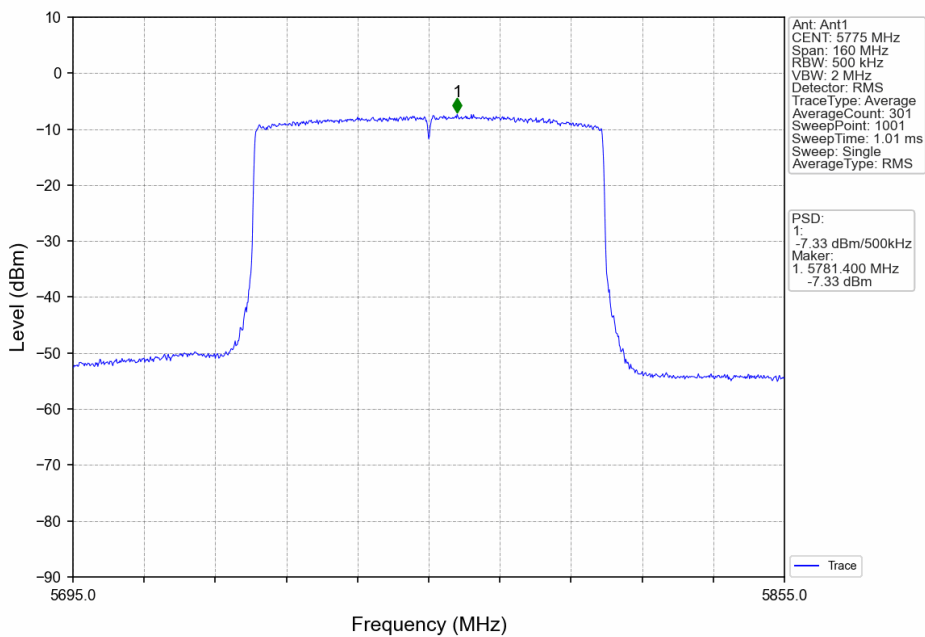




802.11ax(HEW40)_HCH_5795MHz_RU484_Left_Ant2_NTNV



802.11ax(HEW80)_MCH_5775MHz_RU996_Left_Ant2_NTNV



9.5 Unwanted Emissions

Test Method

According to KBD789033 D02

Transmitting spurious emission test result as below (Radiated Mode):

Test Method:

Radiated Mode:

1. The EUT was placed on a turn table which is 1.5m above ground plane for above 1GHz and 0.8m above ground for below 1GHz at 3meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
2. The EUT was set 3 meters away from the interference – receiving antenna, which was mounted on the top of a variable – height antenna tower.
3. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned
5. Use the following spectrum analyzer settings According to C63.10:
 - 1) Procedure for Unwanted Emissions Measurements Below 1000 MHz
 - RBW = 120 kHz
 - VBW = 300 kHz
 - Detector = Peak
 - Trace mode = max hold
 - 2) For Above 1GHz:

Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz

 - RBW = 1 MHz
 - VBW $\geq$ 3 MHz
 - Detector = Peak
 - Sweep time = auto
 - Trace mode = max hold
 - 3) Procedures for Average Unwanted Emissions Measurements above 1000 MHz
 - a) RBW = 1 MHz.
 - b) VBW $\geq$ [3 $\times$ RBW].
 - c) Detector = Power averaging (rms), if [span / (# of points in sweep)] $\leq$ RBW / 2. Satisfying this condition can require increasing the number of points in the sweep or reducing the span. If the condition is not satisfied, then the detector mode shall be set to peak.
 - d) Averaging type = power (i.e., rms) (As an alternative, the detector and averaging type may be set for linear voltage averaging. Some instruments require linear display mode to use linear voltage averaging. Log or dB averaging shall not be used.)
 - e) Sweep time = auto.
 - f) Perform a trace average of at least 100 traces if the transmission is continuous. If the transmission is not continuous, then the number of traces shall be increased by a factor of 1 / D, where D is the duty cycle. For example, with 50% duty cycle, at least 200 traces shall be averaged. (If a specific emission is demonstrated to be continuous—i.e., 100% duty cycle—then rather than turning ON and OFF with the transmit cycle, at least 100 traces shall be averaged.)

g) If tests are performed with the EUT transmitting at a duty cycle less than 98%, then a correction factor shall be added to the measurement results prior to comparing with the emission limit, to compute the emission level that would have been measured had the test been performed at 100% duty cycle. The correction factor is computed as follows:

(1) If power averaging (rms) mode was used in the preceding step e), then the correction factor is $[10 \log (1 / D)]$, where D is the duty cycle. For example, if the transmit duty cycle was 50%, then 3 dB shall be added to the measured emission levels.

(2) If linear voltage averaging mode was used in the preceding step e), then the correction factor is $[20 \log (1 / D)]$, where D is the duty cycle. For example, if the transmit duty cycle was 50%, then 6 dB shall be added to the measured emission levels. If a specific emission is demonstrated to be continuous (100% duty cycle) rather than turning ON and OFF with the transmit cycle, then no duty cycle correction is required for that emission.

Limit

The radio emission outside the operating frequency band shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power. Radiated emissions which fall in the restricted bands, as defined in section 15.205, must comply with the radiated emission limits specified in section 15.209.

Frequency MHz	Field Strength uV/m	Field Strength dBμV/m	Detector
30-88	100	40	QP
88-216	150	43.5	QP
216-960	200	46	QP
960-1000	500	54	QP
Above 1000	500	54	AV
Above 1000	5000	74	PK

According to part 15.407b (1) (2) (3) (4)

For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

For transmitters operating in the 5.725-5.85 GHz band: All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

According to part 15.407b (9), Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in §15.209.

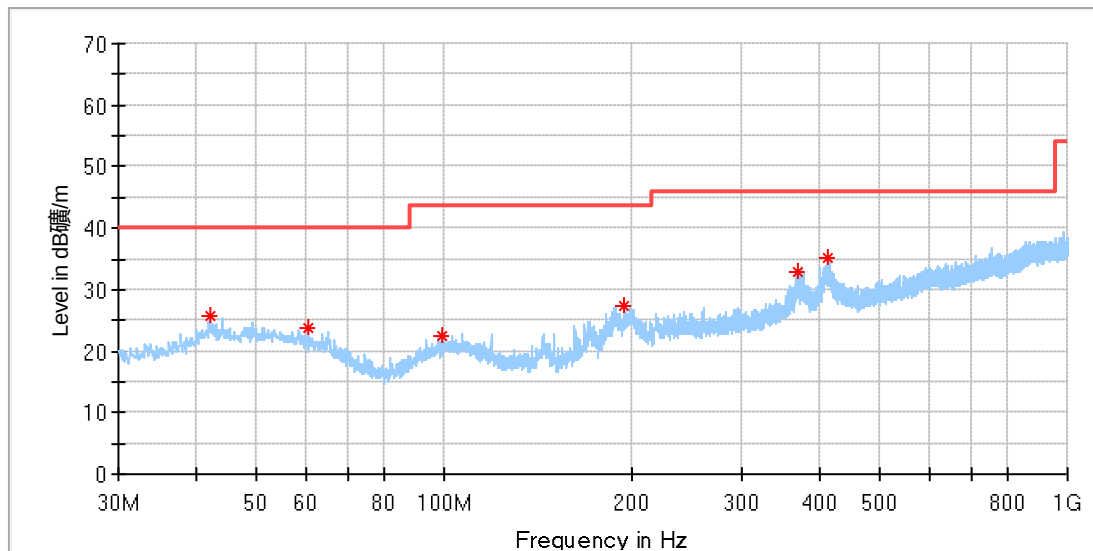
According to part 15.407b (10), The provisions of §15.205 apply to intentional radiators operating under this section.

Note: According to C63.10, the Conversion Factors between E[dBμV/m] and EIRP[dBm] as below: $E[dBμV/m] = EIRP[dBm] + 95.2$, for $d = 3$ meters.

Transmitting spurious emission test result as below:

According to C63.10, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement, so AV emission value did not show in below table if the peak value complies with average limit.

Test data 30MHz – 1000MHz:

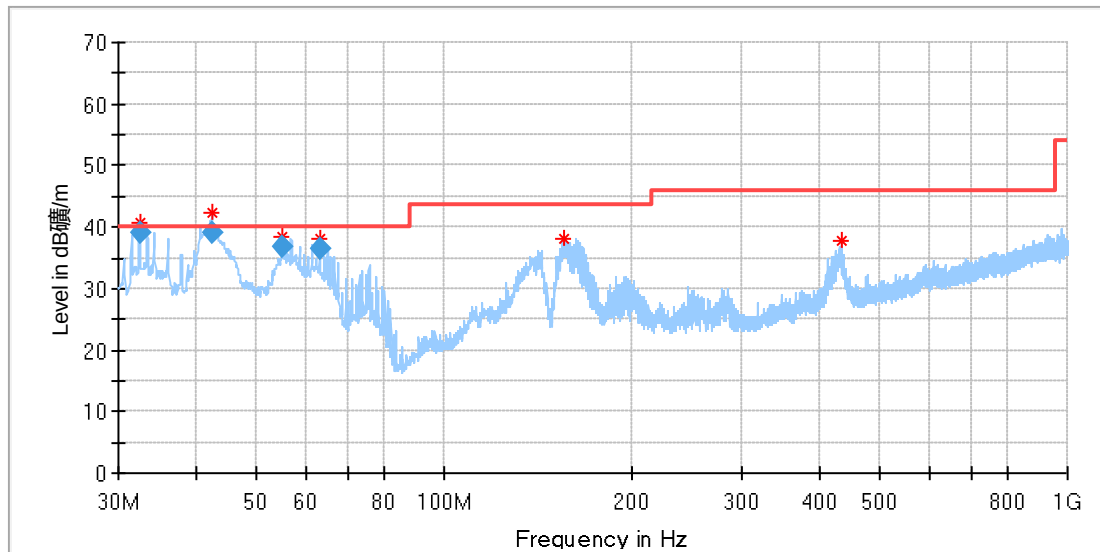


Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
42.003750	25.62	40.00	14.38	100.0	H	0.0	19.81
60.312500	23.82	40.00	16.18	200.0	H	208.0	19.60
99.536875	22.45	43.50	21.05	200.0	H	302.0	18.85
194.718125	27.29	43.50	16.21	100.0	H	9.0	19.02
370.045625	33.03	46.00	12.97	100.0	H	195.0	22.99
411.573750	35.22	46.00	10.78	200.0	H	0.0	24.30

Final Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---



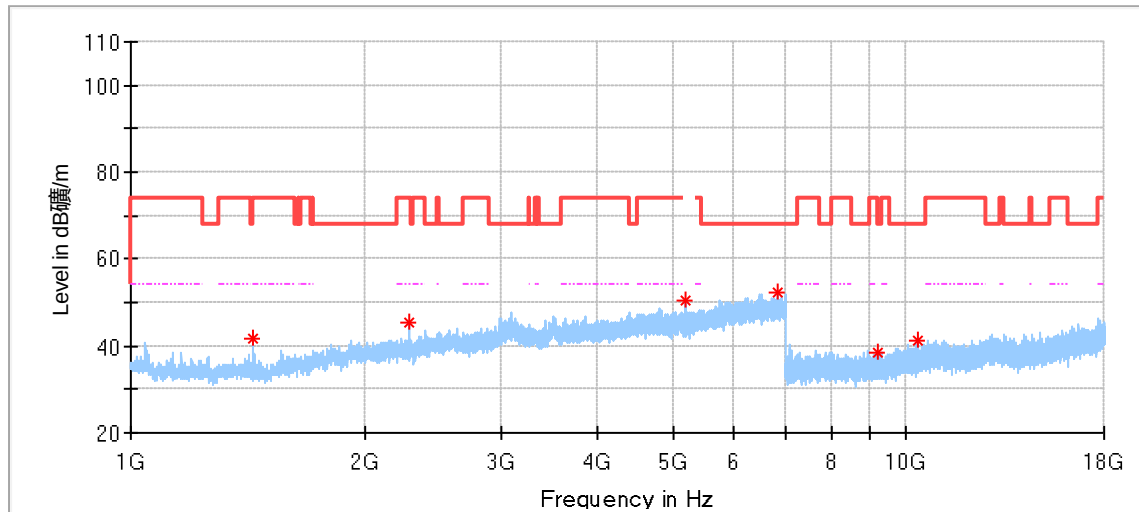
Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
32.485625	40.61	40.00	-0.61	100.0	V	244.0	16.68
42.428125	42.24	40.00	-2.24	100.0	V	47.0	19.90
55.038125	38.28	40.00	1.72	100.0	V	175.0	20.51
63.101250	38.21	40.00	1.79	100.0	V	209.0	18.87
155.190625	38.21	43.50	5.29	100.0	V	244.0	15.59
433.459375	37.65	46.00	8.35	100.0	V	315.0	24.80

Final_Result

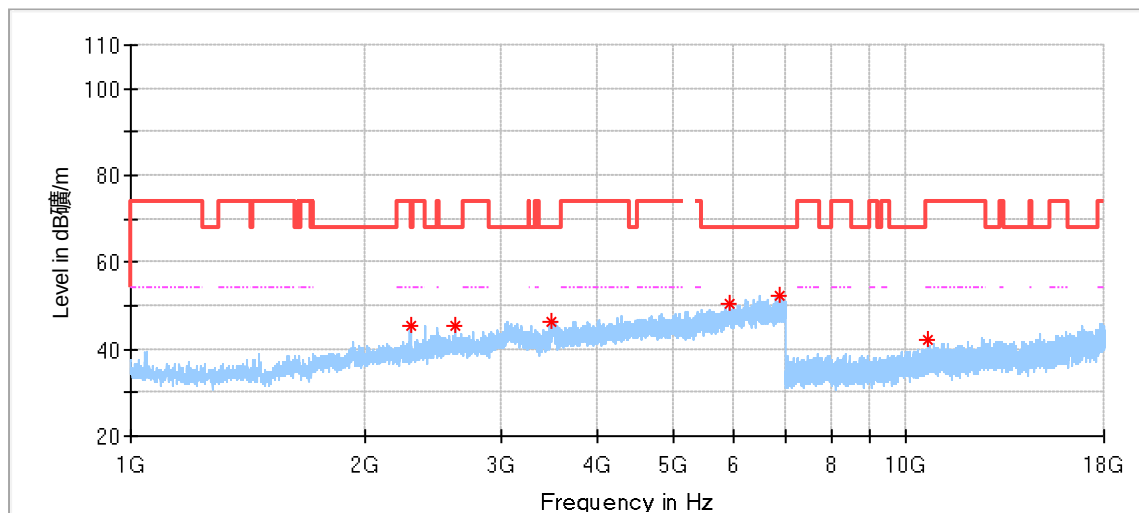
Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
32.485625	39.00	40.00	1.00	100.0	V	244.0	16.68
42.428125	39.20	40.00	0.80	100.0	V	47.0	19.90
55.038125	36.70	40.00	3.30	100.0	V	175.0	20.51
63.101250	36.40	40.00	3.60	100.0	V	209.0	18.87

Test data 1GHz – 18GHz: 11ac20_5180MHz:



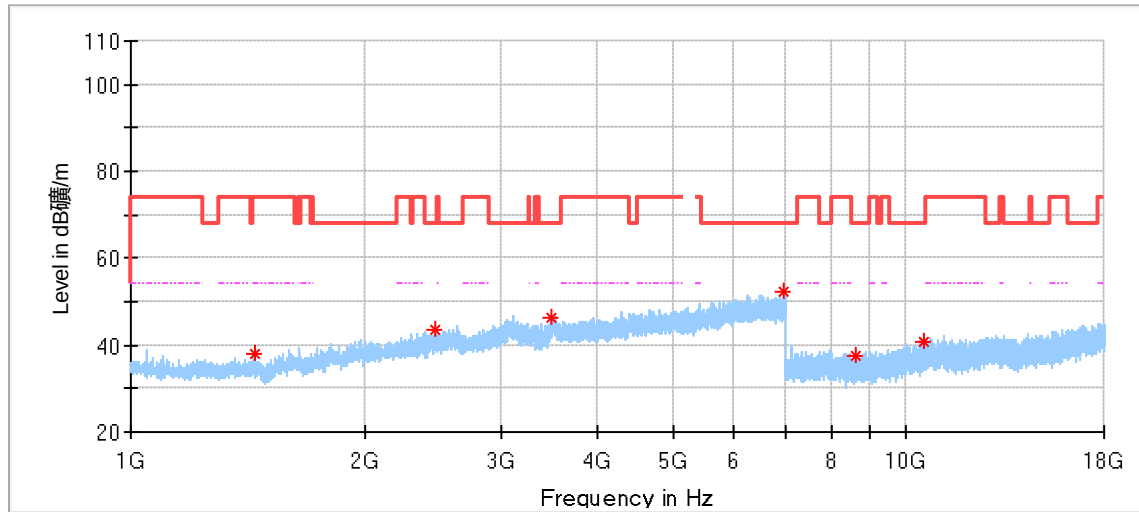
Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1436.000000	41.72	74.00	32.28	150.0	H	304.0	-8.79
2290.500000	45.58	74.00	28.42	150.0	H	270.0	-3.57
5186.500000	50.26	0.00	0.00	150.0	H	110.0	4.89
6809.000000	52.28	68.20	15.92	150.0	H	270.0	8.39
9169.000000	38.27	74.00	35.73	150.0	H	333.0	7.23
10371.000000	41.05	68.20	27.15	150.0	H	27.0	9.12

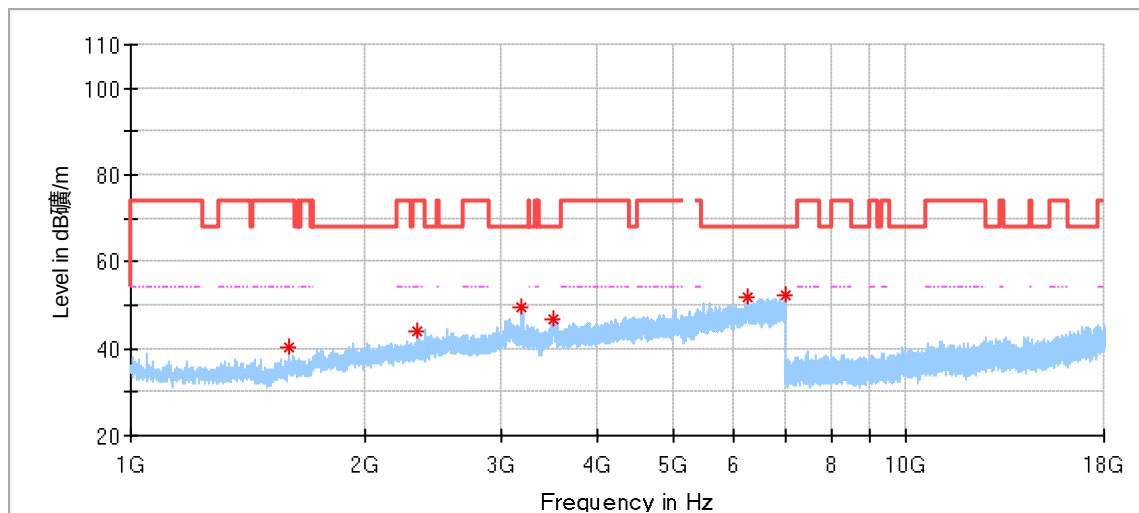


Critical Freqs

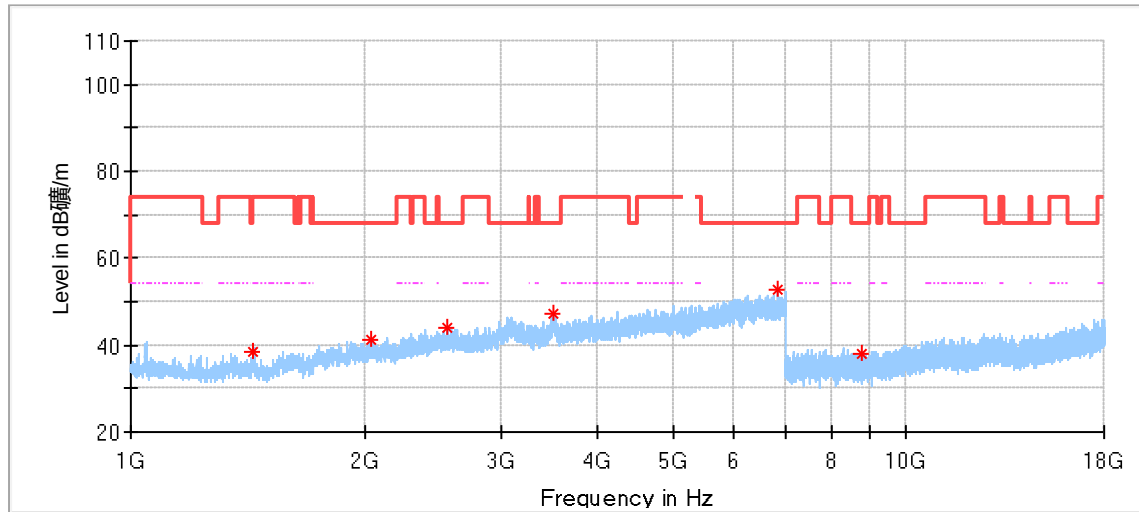
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2293.000000	45.21	74.00	28.79	150.0	V	290.0	-3.56
2625.500000	45.32	68.20	22.88	150.0	V	330.0	-1.45
3489.000000	46.38	68.20	21.82	150.0	V	344.0	2.97
5904.000000	50.60	68.20	17.60	150.0	V	264.0	6.87
6885.000000	52.44	68.20	15.76	150.0	V	344.0	8.56
10654.500000	42.12	74.00	31.88	150.0	V	216.0	9.49

11ac20_5200MHz:**Critical Freqs**

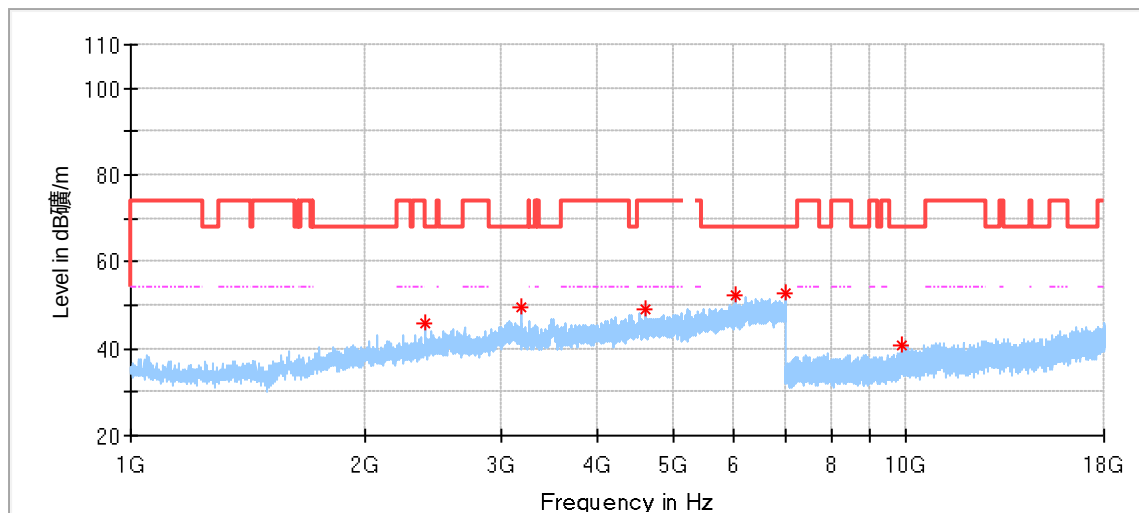
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1442.500000	38.17	74.00	35.83	150.0	H	241.0	-8.90
2471.000000	43.68	68.20	24.52	150.0	H	290.0	-2.04
3493.000000	46.15	68.20	22.05	150.0	H	234.0	3.26
6934.000000	52.14	68.20	16.06	150.0	H	127.0	8.56
8599.500000	37.75	68.20	30.45	150.0	H	112.0	6.75
10560.000000	40.99	68.20	27.21	150.0	H	112.0	9.28

**Critical Freqs**

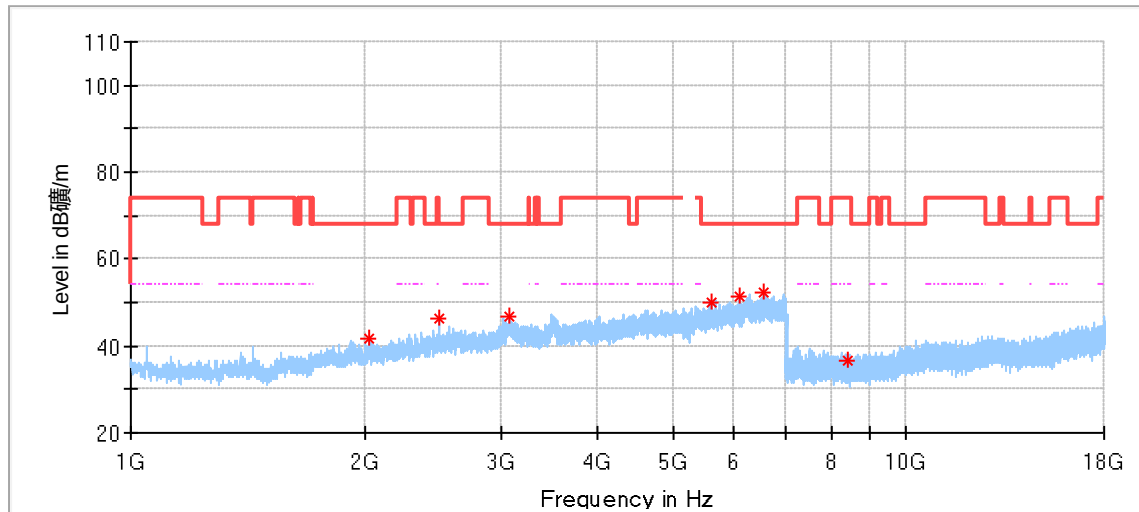
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1599.500000	40.18	74.00	33.82	150.0	V	241.0	-7.20
2336.500000	44.01	74.00	29.99	150.0	V	241.0	-3.30
3195.500000	49.31	68.20	18.89	150.0	V	257.0	0.39
3500.500000	46.96	68.20	21.24	150.0	V	257.0	3.73
6248.000000	51.73	68.20	16.47	150.0	V	67.0	8.34
6982.000000	52.42	68.20	15.78	150.0	V	87.0	8.80

11ac20_5240MHz:**Critical Freqs**

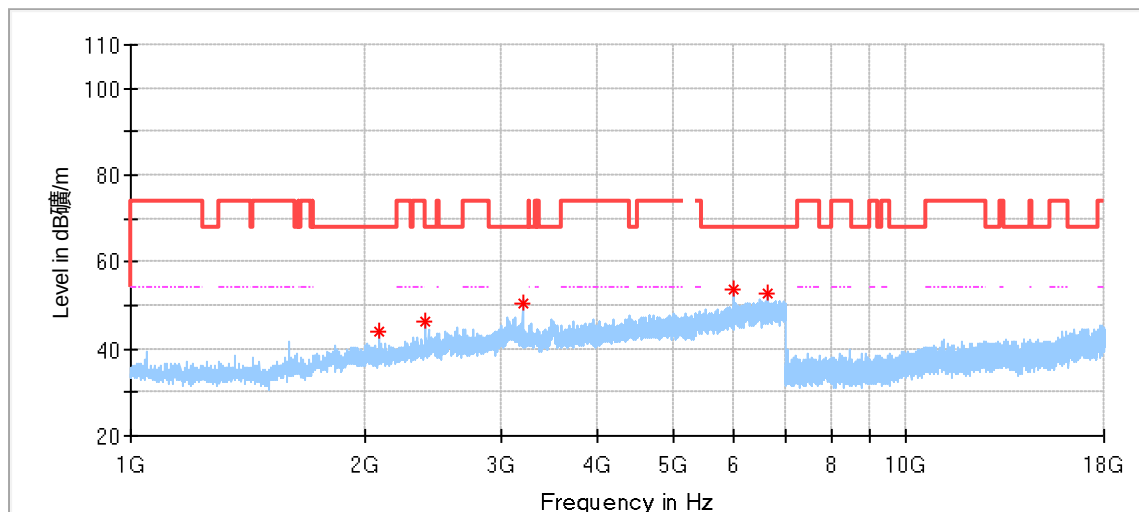
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1437.000000	38.58	74.00	35.42	150.0	H	298.0	-8.81
2046.500000	41.16	68.20	27.05	150.0	H	298.0	-4.45
2563.500000	44.12	68.20	24.08	150.0	H	231.0	-1.53
3503.500000	47.46	68.20	20.74	150.0	H	258.0	3.57
6812.500000	52.96	68.20	15.24	150.0	H	338.0	8.39
8785.500000	38.23	68.20	29.97	150.0	H	154.0	7.04

**Critical Freqs**

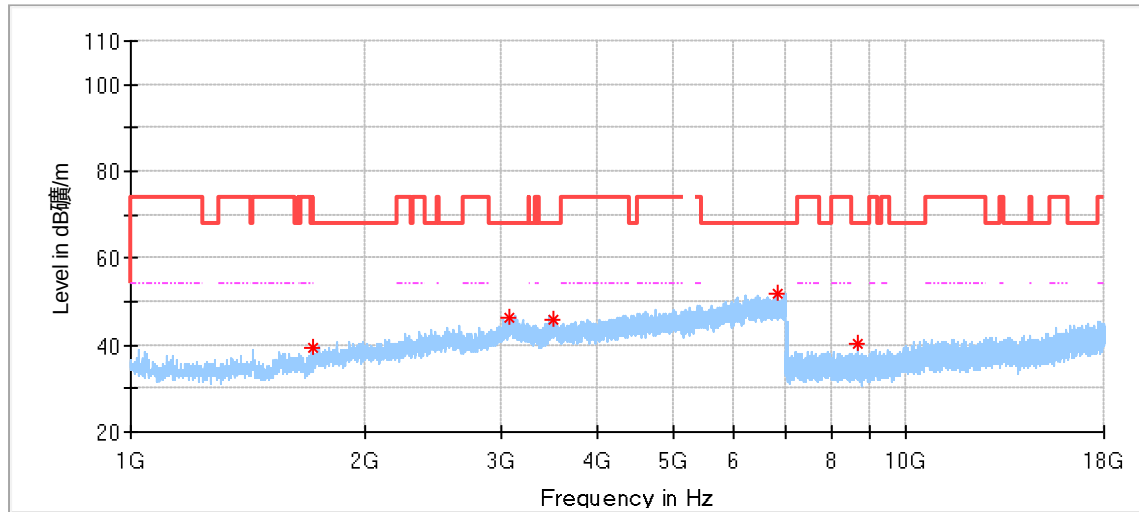
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2399.500000	45.71	68.20	22.49	150.0	V	264.0	-2.71
3197.000000	49.48	68.20	18.72	150.0	V	243.0	0.38
4613.500000	48.95	74.00	25.05	150.0	V	177.0	3.74
6039.000000	52.46	68.20	15.74	150.0	V	20.0	7.21
6988.500000	52.58	68.20	15.62	150.0	V	264.0	8.88
9868.500000	40.75	68.20	27.45	150.0	V	271.0	8.36

11ac20_5260MHz:**Critical Freqs**

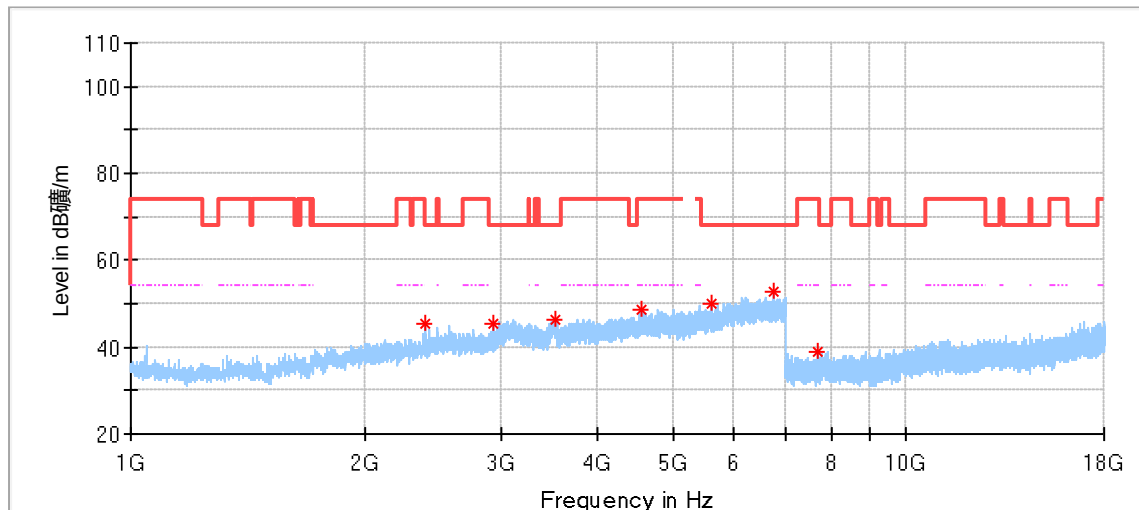
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2025.500000	41.78	68.20	26.42	150.0	H	324.0	-4.41
2494.000000	46.17	74.00	27.83	150.0	H	277.0	-2.08
3072.000000	46.98	68.20	21.22	150.0	H	134.0	1.35
5620.000000	50.10	68.20	18.10	150.0	H	297.0	5.68
6091.500000	51.20	68.20	17.00	150.0	H	147.0	7.31
6559.000000	52.26	68.20	15.94	150.0	H	20.0	8.21
8432.000000	36.84	74.00	37.16	150.0	H	253.0	6.64

**Critical Freqs**

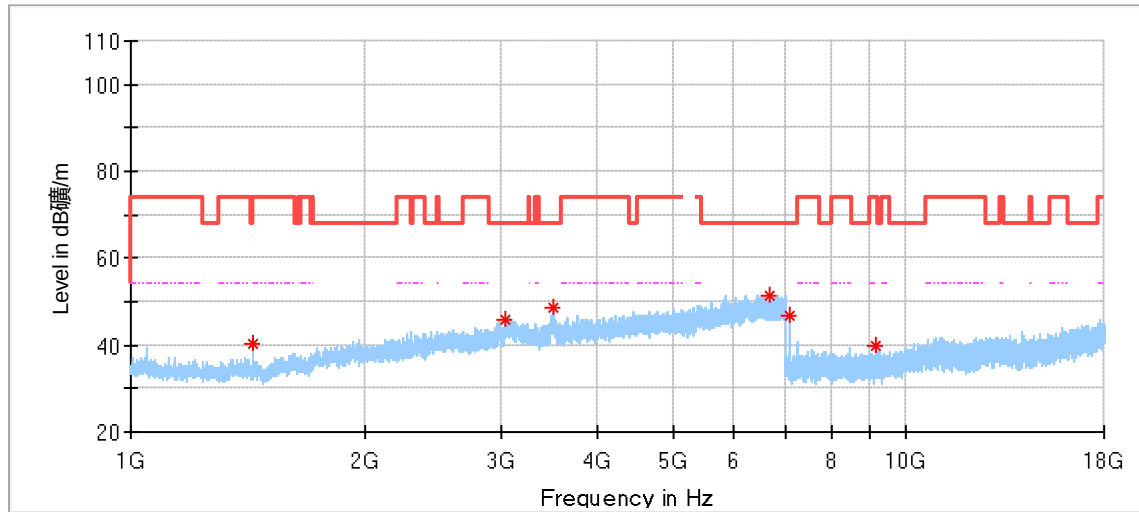
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2091.500000	44.01	68.20	24.19	150.0	V	67.0	-4.47
2400.000000	46.09	68.20	22.11	150.0	V	275.0	-2.70
3199.000000	50.67	68.20	17.53	150.0	V	248.0	0.37
6000.500000	53.57	68.20	14.63	150.0	V	248.0	6.95
6638.000000	52.86	68.20	15.34	150.0	V	121.0	8.35

1ac20_5280MHz:**Critical Freqs**

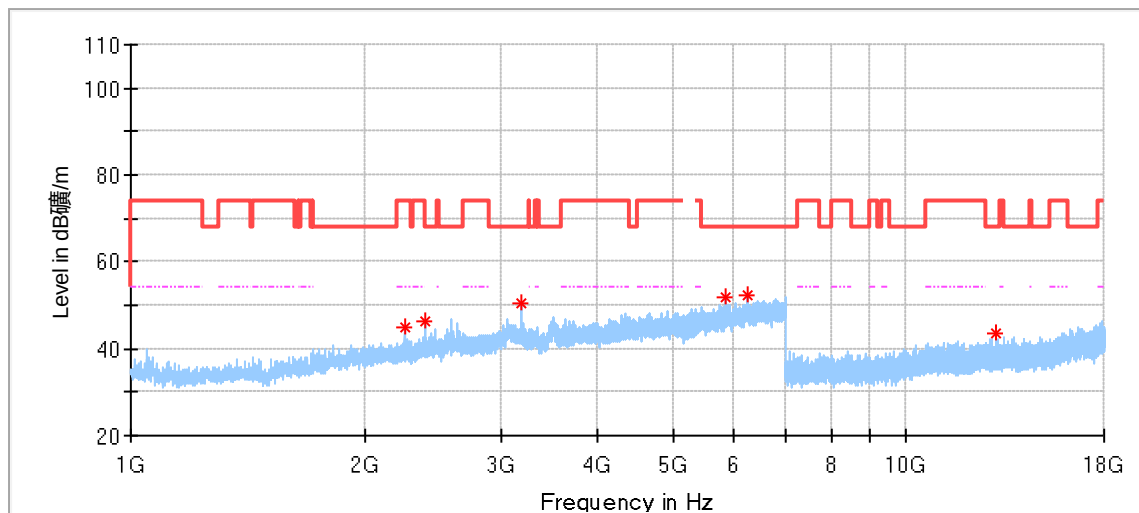
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1722.000000	39.41	74.00	34.59	150.0	H	292.0	-6.67
3085.000000	46.38	68.20	21.82	150.0	H	271.0	1.39
3508.500000	46.00	68.20	22.20	150.0	H	351.0	3.28
6808.000000	51.99	68.20	16.21	150.0	H	102.0	8.39
8649.000000	40.17	68.20	28.03	150.0	H	318.0	6.77

**Critical Freqs**

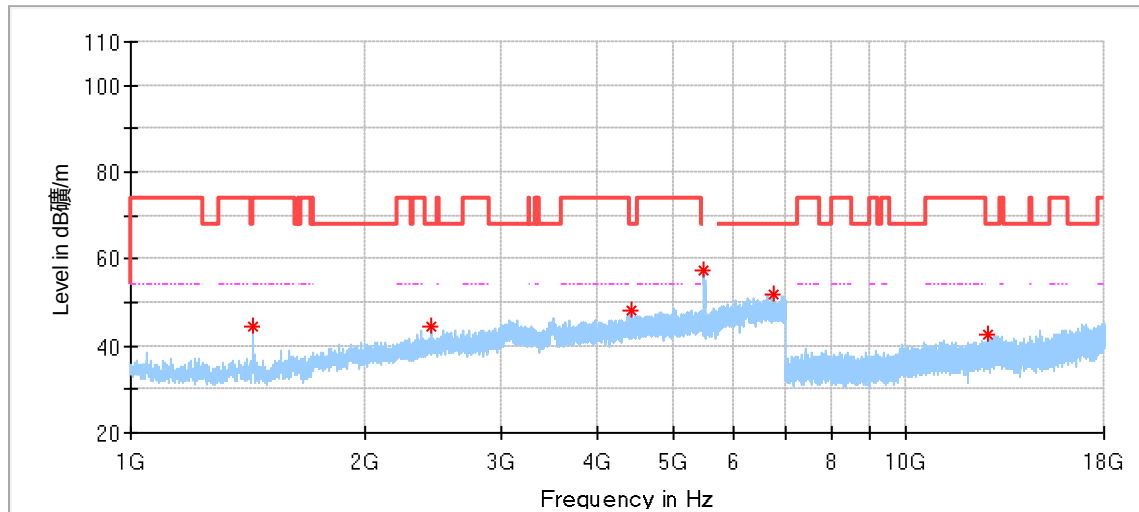
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2393.000000	45.40	68.20	22.80	150.0	V	270.0	-2.77
2938.000000	45.25	68.20	22.95	150.0	V	67.0	-0.92
3523.000000	46.29	68.20	21.91	150.0	V	94.0	2.44
4561.500000	48.44	74.00	25.56	150.0	V	201.0	3.65
5612.000000	50.16	68.20	18.04	150.0	V	8.0	5.67
6743.000000	52.60	68.20	15.60	150.0	V	330.0	8.24
7675.000000	38.92	74.00	35.08	150.0	V	196.0	6.23

11ac20_5320MHz:**Critical Freqs**

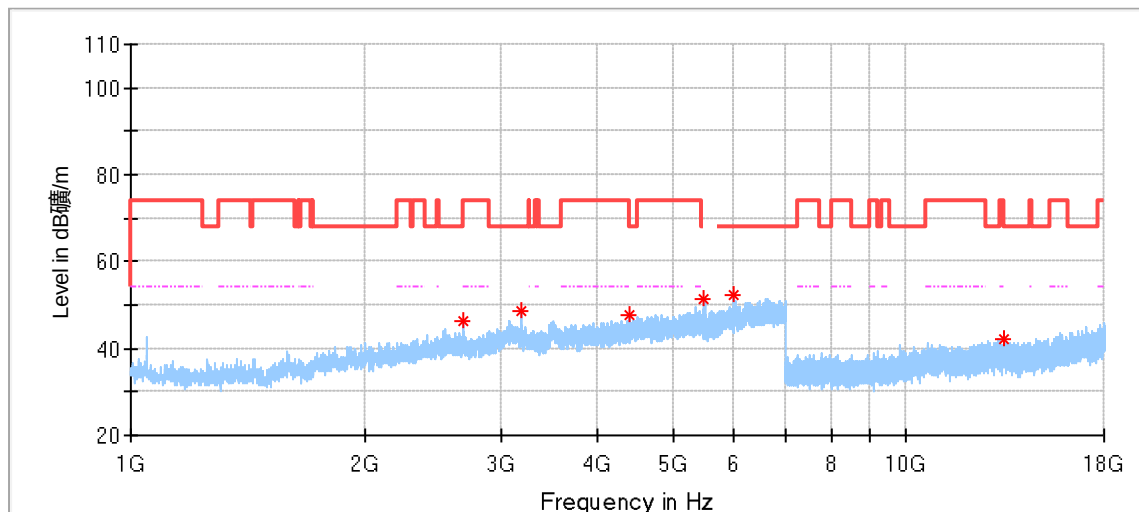
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1438.000000	40.34	74.00	33.66	150.0	H	298.0	-8.82
3048.500000	45.63	68.20	22.57	150.0	H	0.0	1.31
3499.500000	48.72	68.20	19.48	150.0	H	51.0	3.72
6680.000000	51.52	68.20	16.68	150.0	H	231.0	8.28
7093.000000	46.56	68.20	21.64	150.0	H	133.0	5.66
9150.000000	39.65	74.00	34.35	150.0	H	194.0	7.24

**Critical Freqs**

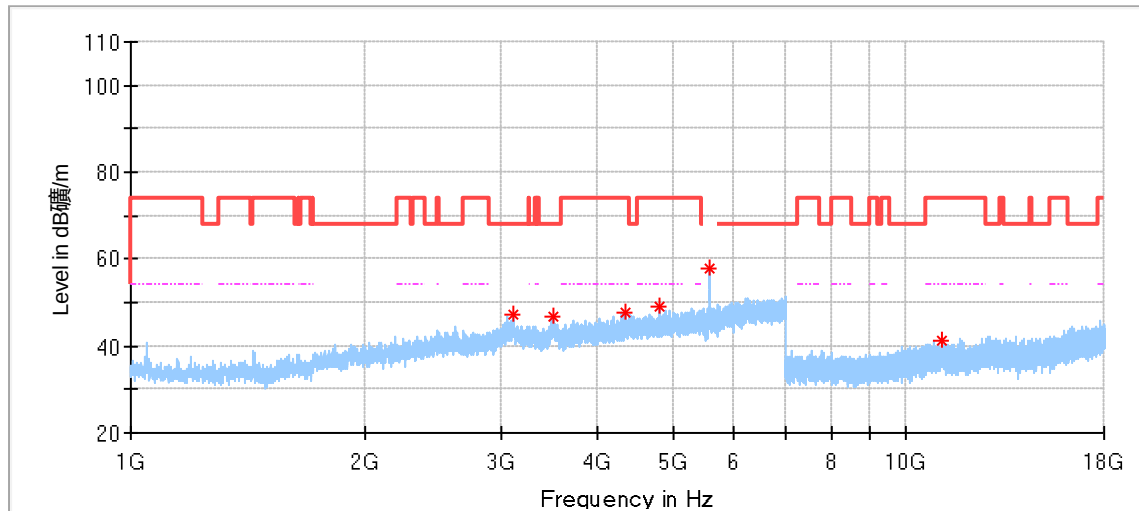
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2252.000000	44.86	74.00	29.14	150.0	V	217.0	-3.57
2400.000000	46.22	68.20	21.98	150.0	V	304.0	-2.70
3189.000000	50.27	68.20	17.93	150.0	V	243.0	0.43
5848.000000	51.69	68.20	16.51	150.0	V	0.0	6.66
6239.500000	52.42	68.20	15.78	150.0	V	29.0	8.40
13028.000000	43.74	68.20	24.46	150.0	V	91.0	11.78

11ac20_5500MHz:**Critical Freqs**

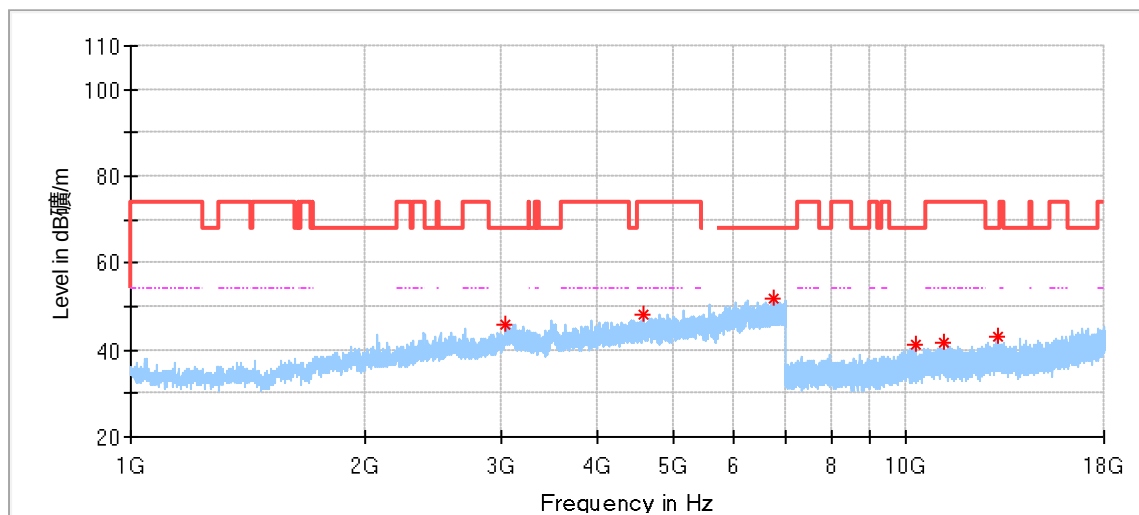
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1438.000000	44.46	74.00	29.54	150.0	H	300.0	-8.82
2438.500000	44.55	68.20	23.65	150.0	H	0.0	-2.25
4415.000000	47.95	68.20	20.25	150.0	H	32.0	3.06
5493.500000	57.22	---	---	150.0	H	130.0	5.40
6739.500000	51.70	68.20	16.50	150.0	H	193.0	8.24
12729.500000	42.44	68.20	25.76	150.0	H	30.0	11.65

**Critical Freqs**

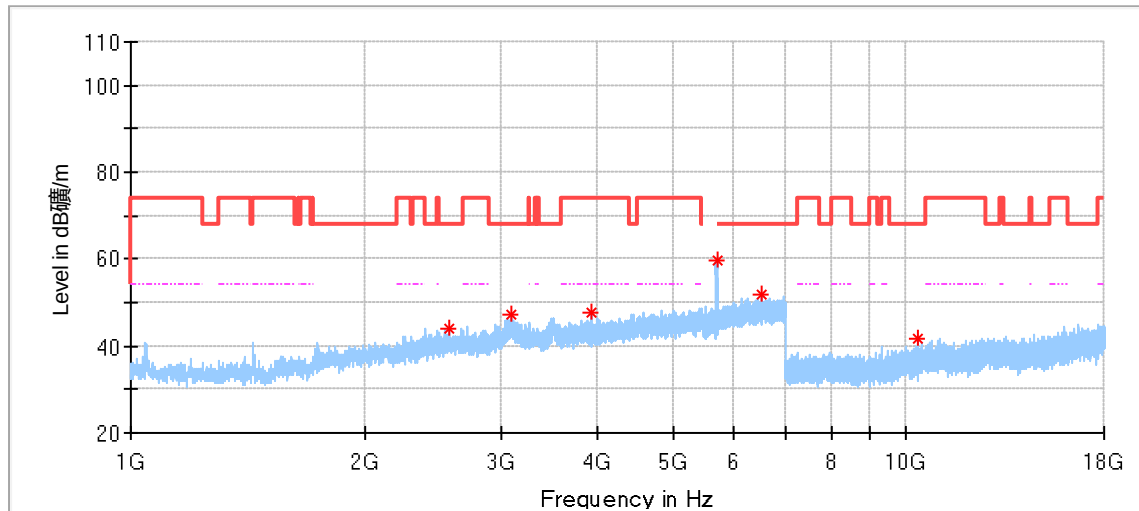
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2691.000000	46.42	74.00	27.58	150.0	V	268.0	-2.00
3187.500000	48.65	68.20	19.55	150.0	V	238.0	0.44
4399.500000	47.72	74.00	26.28	150.0	V	103.0	2.99
5495.000000	51.29	---	---	150.0	V	194.0	5.40
6000.500000	52.18	68.20	16.02	150.0	V	167.0	6.95
13400.000000	42.16	68.20	26.04	150.0	V	60.0	11.67

11ac20_5580MHz:**Critical Freqs**

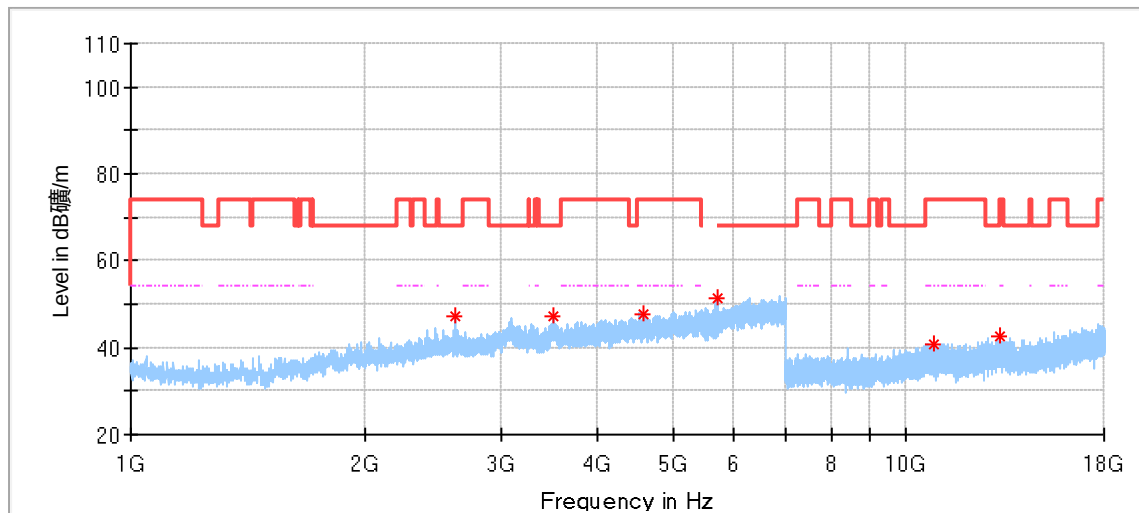
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3110.500000	47.05	68.20	21.15	150.0	H	91.0	1.36
3512.000000	46.81	68.20	21.39	150.0	H	181.0	3.08
4353.000000	47.92	74.00	26.08	150.0	H	127.0	2.69
4801.000000	48.88	74.00	25.12	150.0	H	65.0	4.01
5585.500000	58.06	---	---	150.0	H	136.0	5.61
11112.500000	41.30	74.00	32.70	150.0	H	352.0	10.36

**Critical Freqs**

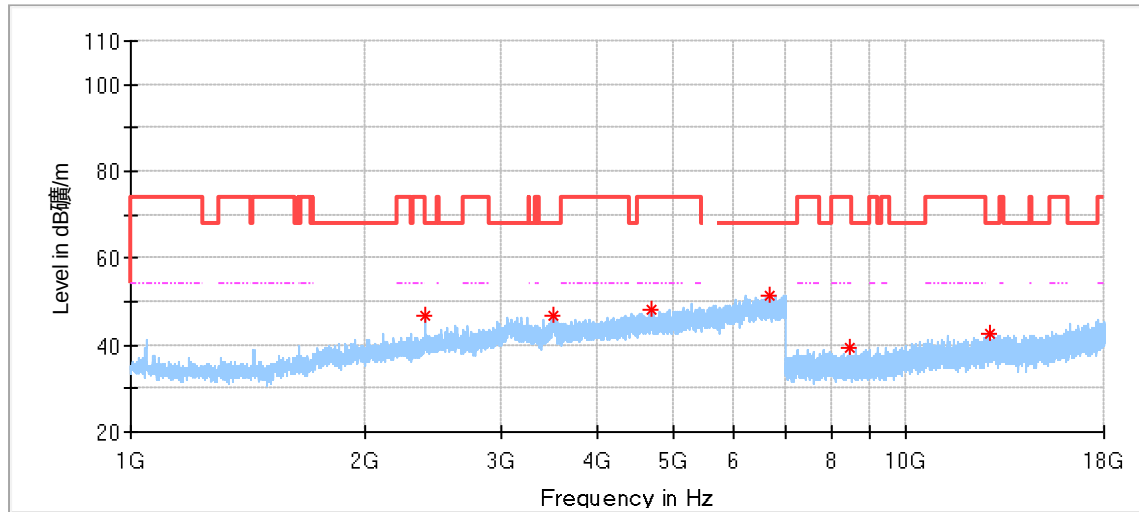
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3048.000000	46.01	68.20	22.19	150.0	V	202.0	1.30
4580.000000	48.16	74.00	25.84	150.0	V	4.0	3.71
6729.500000	52.04	68.20	16.16	150.0	V	309.0	8.24
10261.500000	41.28	68.20	26.92	150.0	V	334.0	8.90
11173.000000	41.62	74.00	32.38	150.0	V	308.0	10.32
13140.000000	42.94	68.20	25.26	150.0	V	147.0	11.72

11ac20_5700MHz:**Critical Freqs**

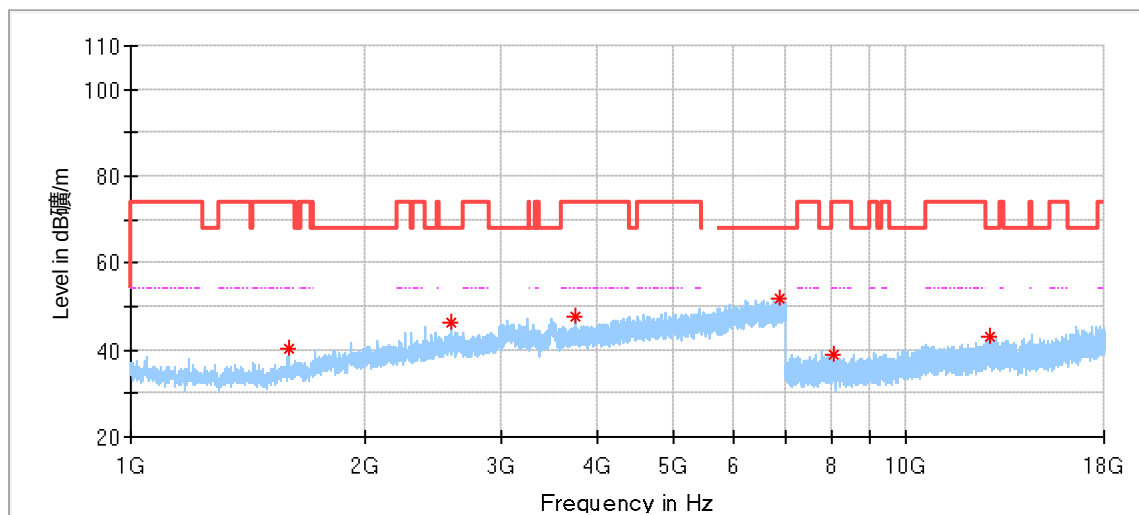
Frequency (MHz)	MaxPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2573.000000	43.98	68.20	24.22	150.0	H	7.0	-1.46
3090.000000	47.24	68.20	20.96	150.0	H	29.0	1.43
3922.500000	47.50	74.00	26.50	150.0	H	291.0	1.49
5696.000000	59.60	---	---	150.0	H	139.0	5.78
6503.500000	51.66	68.20	16.54	150.0	H	29.0	8.29
10342.000000	41.48	68.20	26.72	150.0	H	4.0	9.04

**Critical Freqs**

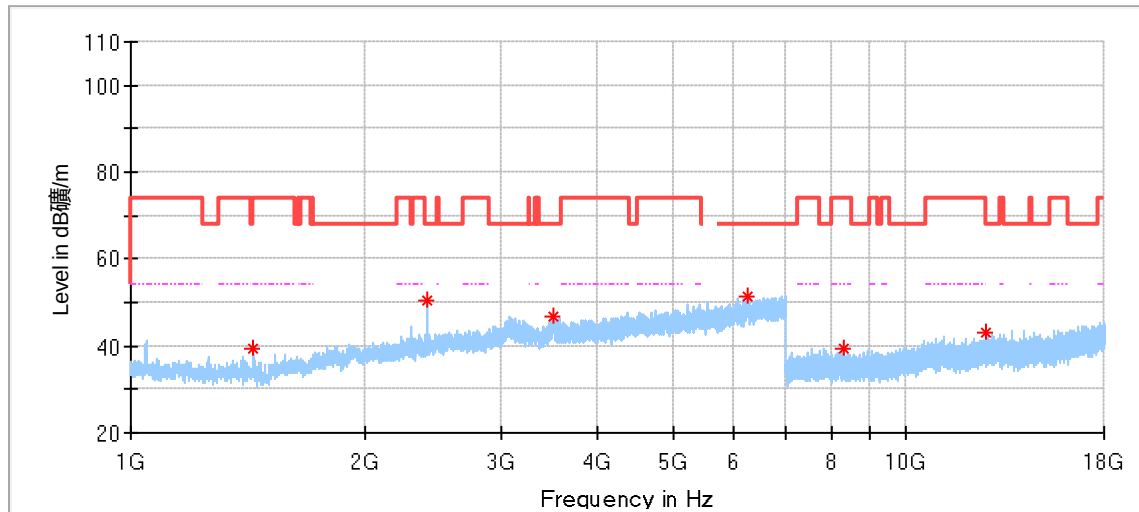
Frequency (MHz)	MaxPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2622.500000	47.38	68.20	20.82	150.0	V	328.0	-1.43
3499.000000	47.22	68.20	20.98	150.0	V	185.0	3.69
4595.000000	47.68	74.00	26.32	150.0	V	257.0	3.71
5695.000000	51.49	---	---	150.0	V	194.0	5.78
10853.500000	40.75	74.00	33.25	150.0	V	116.0	9.89
13187.500000	42.77	68.20	25.43	150.0	V	357.0	11.66

11ac20_5745MHz:**Critical Freqs**

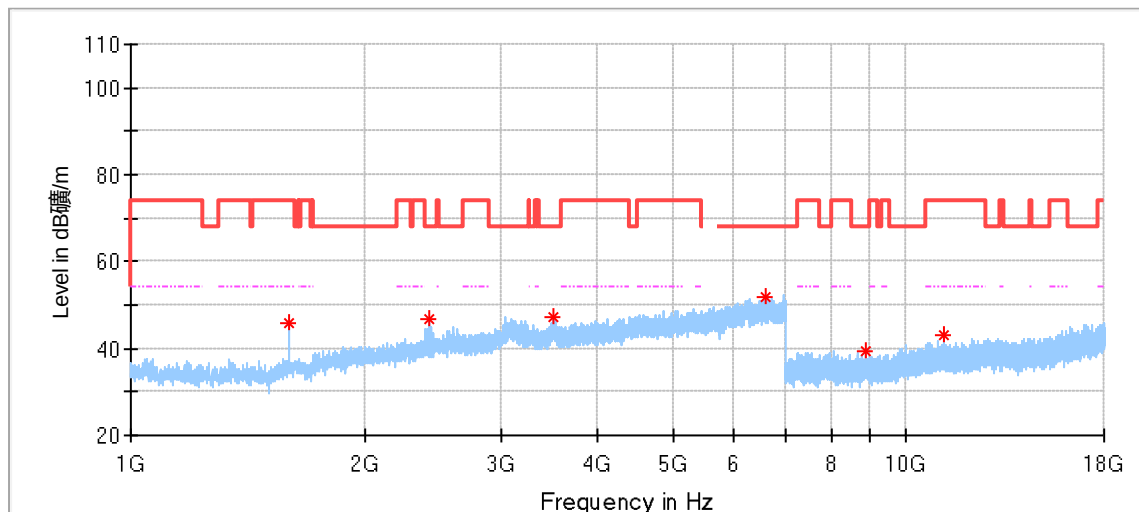
Frequency (MHz)	MaxPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2396.000000	46.65	68.20	21.55	150.0	H	277.0	-2.74
3507.500000	46.87	68.20	21.33	150.0	H	344.0	3.34
4697.000000	48.34	74.00	25.66	150.0	H	174.0	3.78
6666.500000	51.54	68.20	16.66	150.0	H	223.0	8.31
8449.000000	39.29	74.00	34.71	150.0	H	69.0	6.65
12855.500000	42.83	68.20	25.37	150.0	H	48.0	11.77

**Critical Freqs**

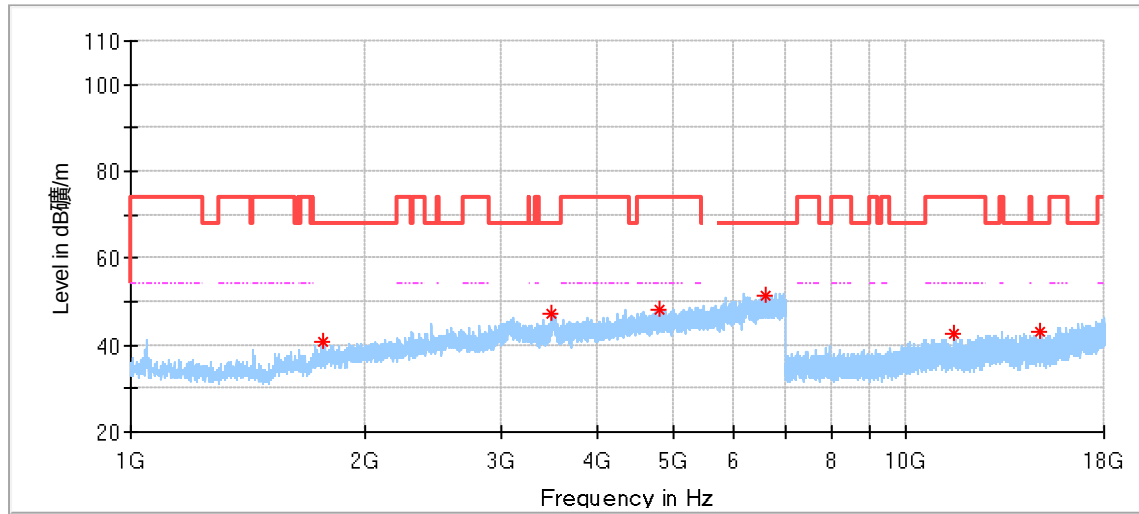
Frequency (MHz)	MaxPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1599.000000	40.44	74.00	33.56	150.0	V	188.0	-7.21
2585.500000	46.19	68.20	22.01	150.0	V	101.0	-1.41
3752.000000	47.73	74.00	26.27	150.0	V	350.0	1.32
6860.500000	51.92	68.20	16.28	150.0	V	3.0	8.49
8074.500000	39.15	74.00	34.85	150.0	V	332.0	6.58
12845.000000	43.28	68.20	24.92	150.0	V	253.0	11.77

11ac20_5785MHz:**Critical_Freqs**

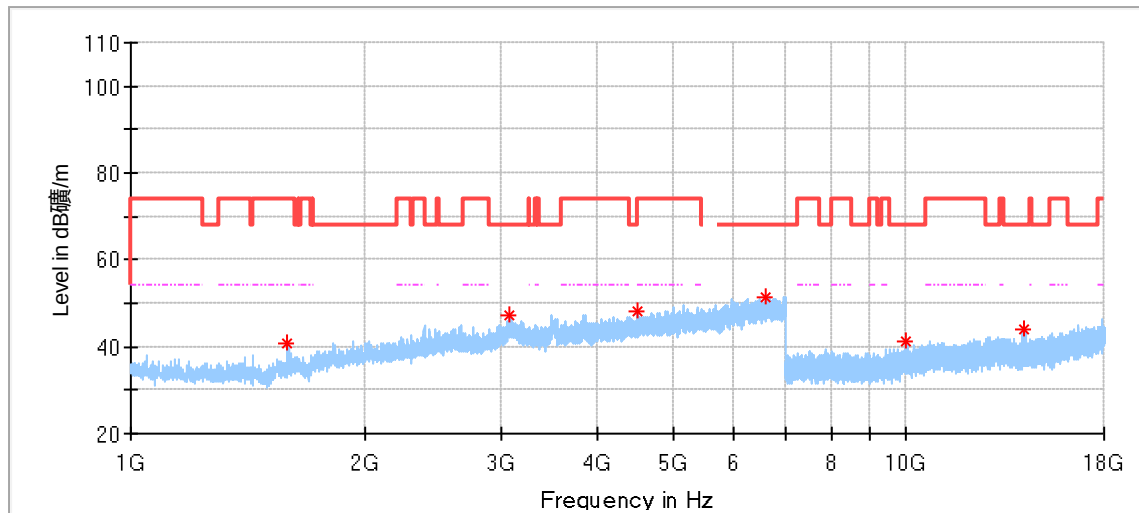
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1439.500000	39.45	74.00	34.55	150.0	H	287.0	-8.85
2408.000000	50.39	68.20	17.81	150.0	H	113.0	-2.60
3500.500000	46.59	68.20	21.61	150.0	H	106.0	3.73
6256.500000	51.32	68.20	16.88	150.0	H	227.0	8.26
8297.500000	39.16	74.00	34.84	150.0	H	185.0	6.57
12667.500000	43.00	74.00	31.00	150.0	H	309.0	11.58

**Critical_Freqs**

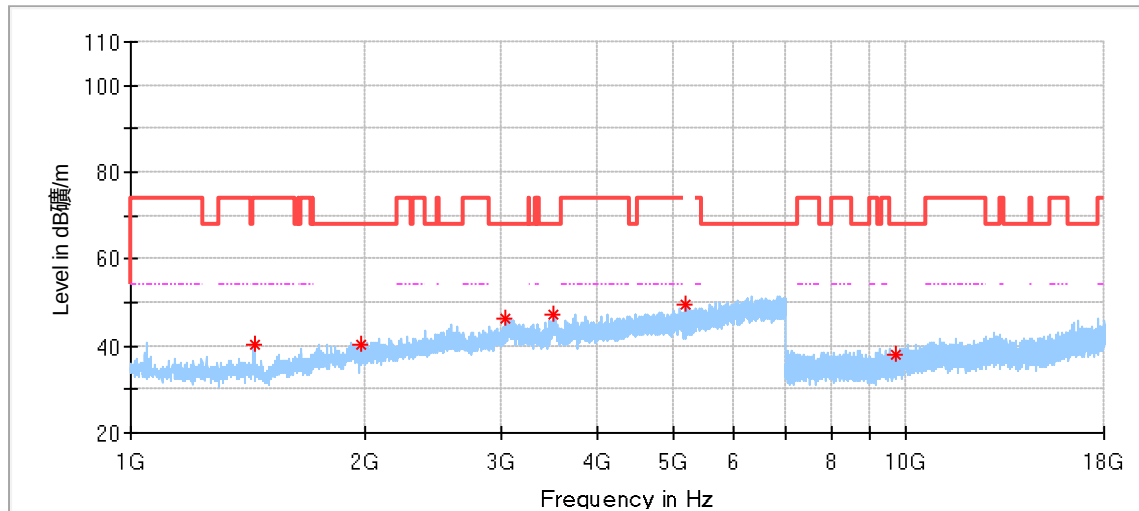
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1598.500000	45.83	74.00	28.17	150.0	V	208.0	-7.22
2428.500000	46.69	68.20	21.51	150.0	V	94.0	-2.35
3499.500000	47.34	68.20	20.86	150.0	V	8.0	3.72
6607.000000	51.86	68.20	16.34	150.0	V	288.0	8.31
8848.000000	39.45	68.20	28.75	150.0	V	295.0	7.08
11200.500000	42.90	74.00	31.10	150.0	V	216.0	10.31

11ac20_5825MHz:**Critical_Freqs**

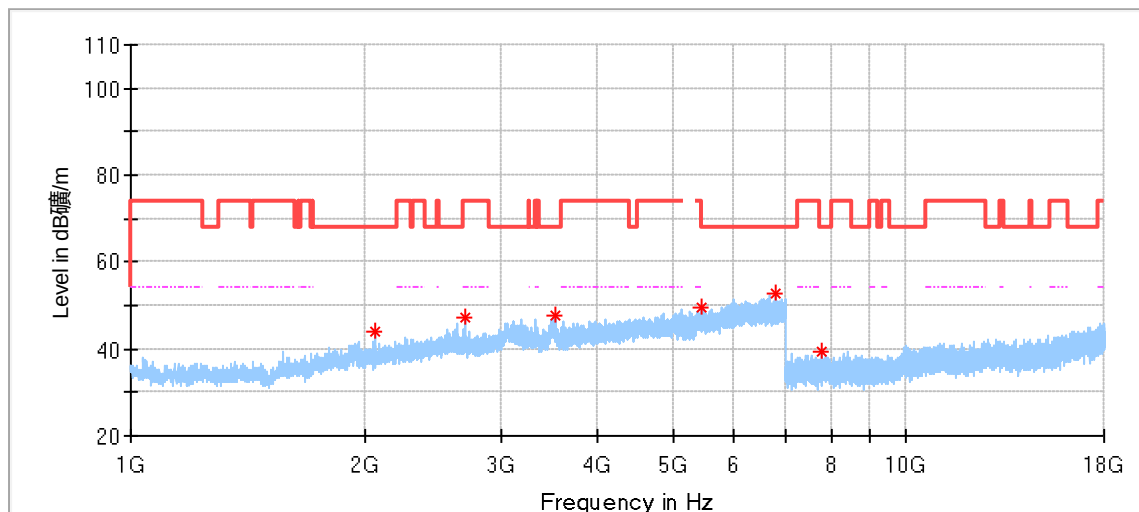
Frequency (MHz)	MaxPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1766.500000	40.79	68.20	27.41	150.0	H	224.0	-5.86
3496.500000	47.07	68.20	21.13	150.0	H	210.0	3.51
4817.500000	48.20	74.00	25.80	150.0	H	277.0	4.06
6578.000000	51.53	68.20	16.67	150.0	H	217.0	8.25
11548.000000	42.51	74.00	31.49	150.0	H	121.0	10.44
14889.000000	43.12	68.20	25.08	150.0	H	141.0	12.47

**Critical_Freqs**

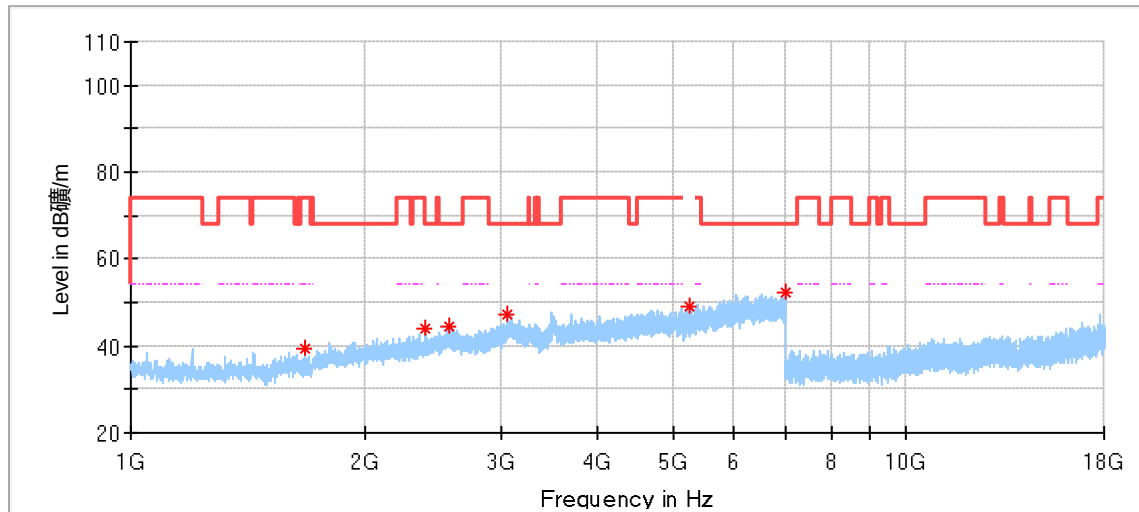
Frequency (MHz)	MaxPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1593.500000	40.79	74.00	33.21	150.0	V	297.0	-7.30
3074.500000	47.22	68.20	20.98	150.0	V	317.0	1.35
4498.500000	47.93	68.20	20.27	150.0	V	203.0	3.30
6573.000000	51.31	68.20	16.89	150.0	V	123.0	8.24
10003.000000	41.30	68.20	26.90	150.0	V	73.0	8.66
14179.000000	43.98	68.20	24.22	150.0	V	94.0	11.48

11ac40_5190MHz:**Critical Freqs**

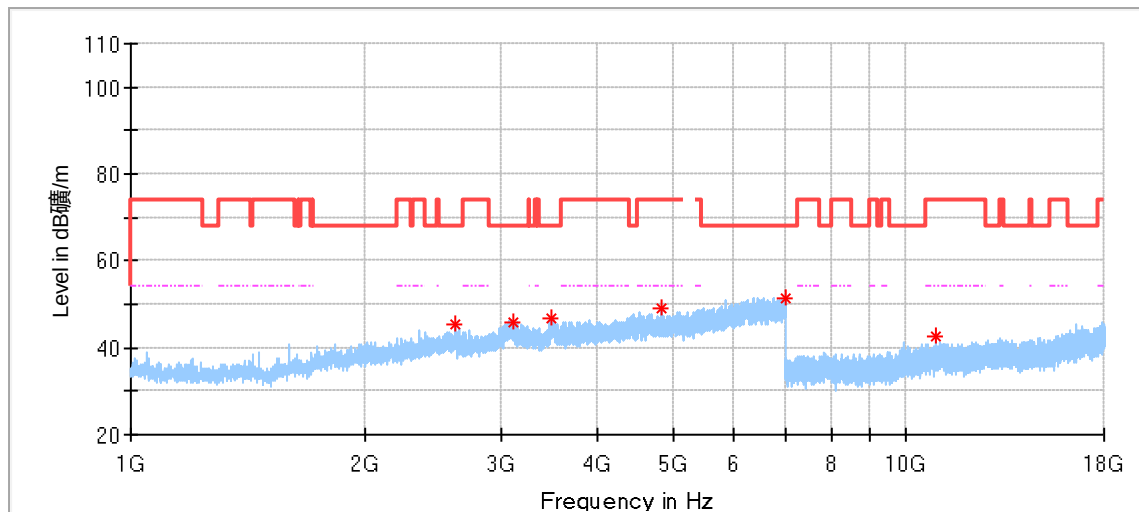
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1442.500000	40.34	74.00	33.66	150.0	H	212.0	-8.90
1979.000000	40.33	68.20	27.87	150.0	H	22.0	-4.47
3048.000000	46.20	68.20	22.00	150.0	H	179.0	1.30
3500.000000	47.26	68.20	20.94	150.0	H	212.0	3.76
5186.000000	49.58	---	---	150.0	H	114.0	4.89
9679.500000	38.19	68.20	30.01	150.0	H	26.0	8.00

**Critical Freqs**

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2062.000000	44.08	68.20	24.12	150.0	V	66.0	-4.47
2694.000000	47.14	74.00	26.86	150.0	V	324.0	-2.02
3526.000000	47.88	68.20	20.32	150.0	V	3.0	2.27
5456.000000	49.41	74.00	24.59	150.0	V	337.0	5.54
6768.500000	52.75	68.20	15.45	150.0	V	173.0	8.29
7761.000000	39.53	68.20	28.67	150.0	V	154.0	6.31

11ac40_5230MHz:**Critical_Freqs**

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1676.000000	39.17	74.00	34.83	150.0	H	356.0	-7.21
2392.500000	44.08	68.20	24.12	150.0	H	151.0	-2.78
2567.000000	44.58	68.20	23.62	150.0	H	271.0	-1.51
3065.500000	47.05	68.20	21.15	150.0	H	75.0	1.35
5267.000000	49.01	---	---	150.0	H	211.0	5.09
6980.500000	52.32	68.20	15.88	150.0	H	88.0	8.79

**Critical_Freqs**

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2620.000000	45.50	68.20	22.70	150.0	V	324.0	-1.42
3121.000000	45.77	68.20	22.43	150.0	V	60.0	1.16
3488.000000	46.61	68.20	21.59	150.0	V	101.0	2.90
4826.500000	49.20	74.00	24.80	150.0	V	20.0	4.05
6977.000000	51.57	68.20	16.63	150.0	V	188.0	8.74
10893.500000	42.41	74.00	31.59	150.0	V	4.0	10.01