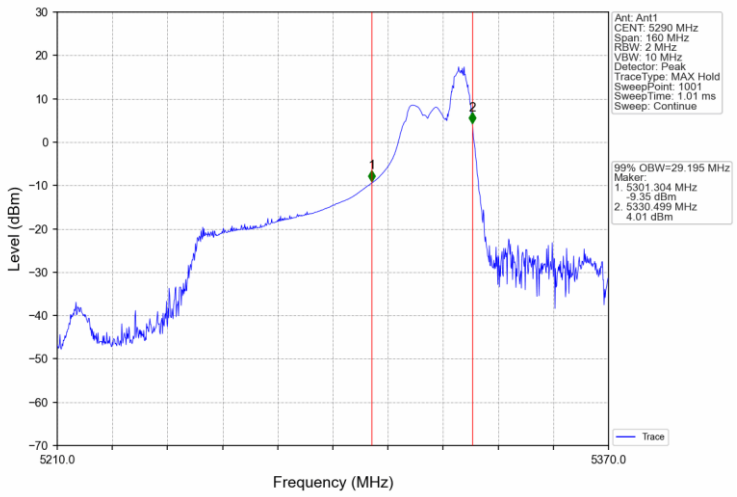

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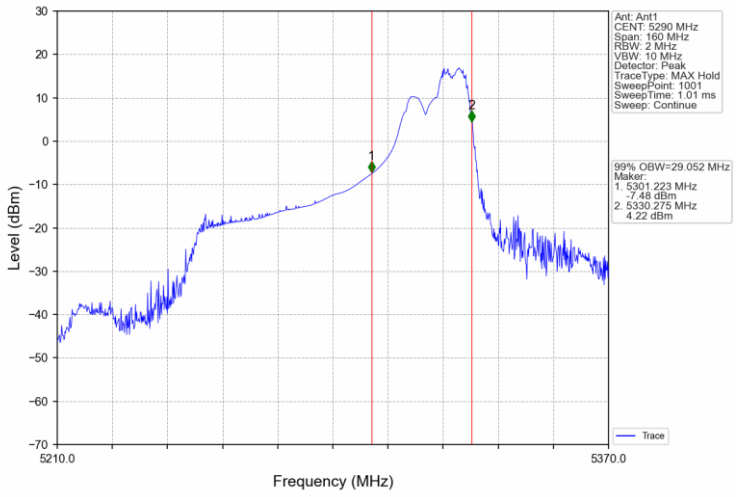

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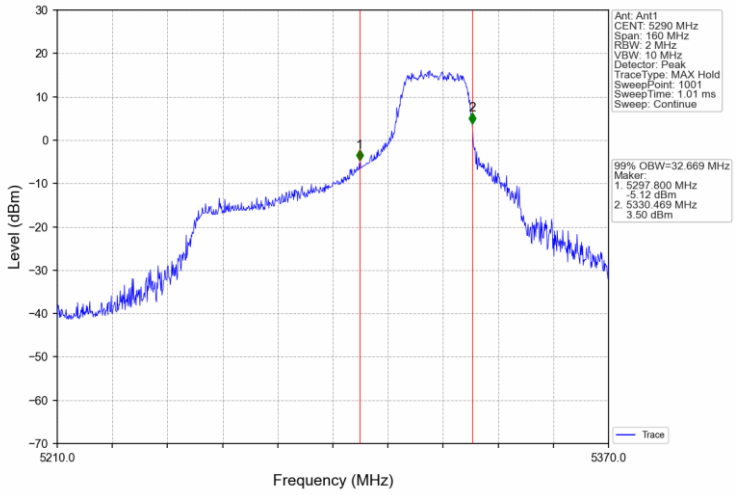

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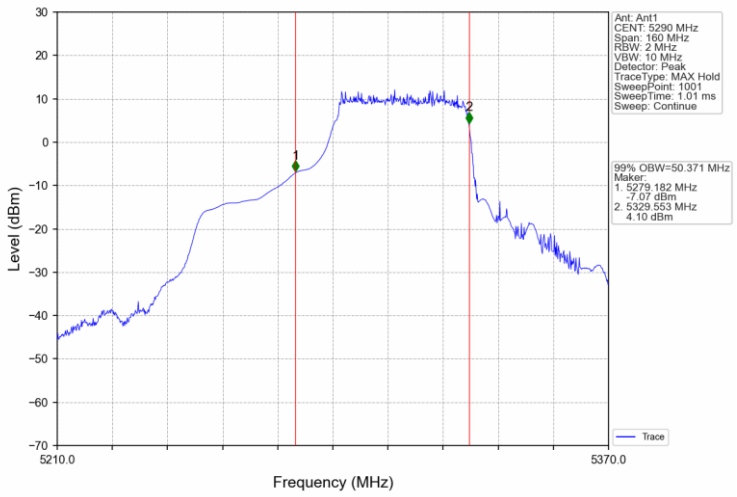

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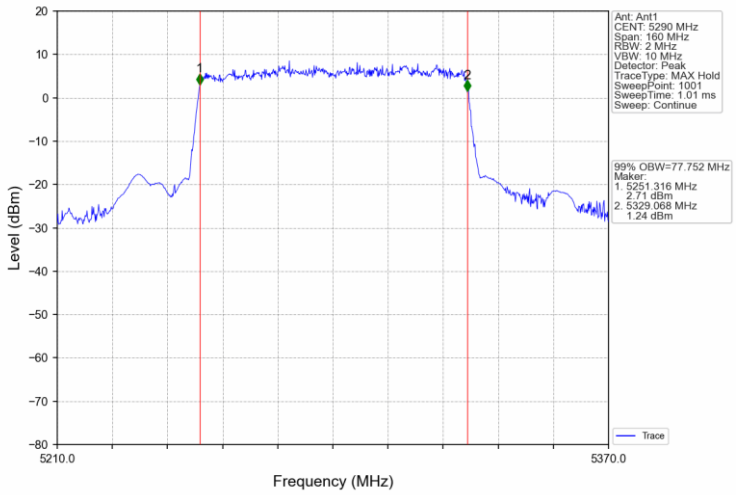

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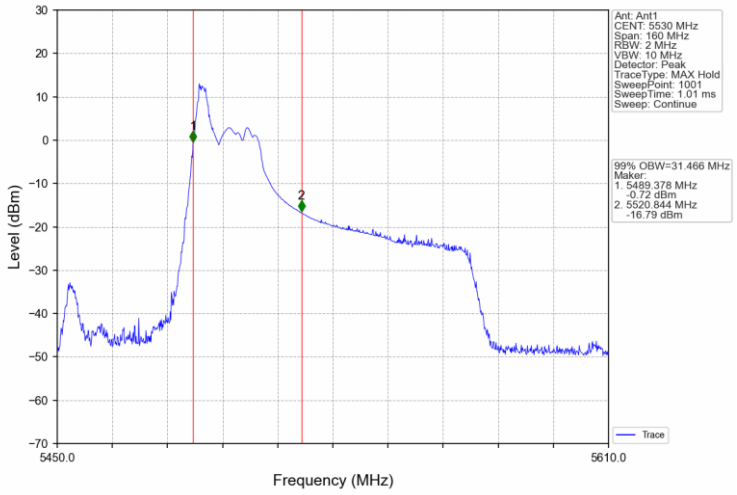

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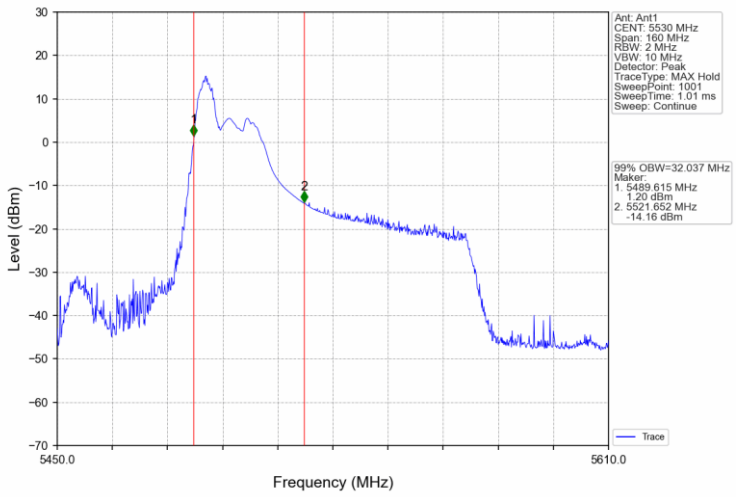

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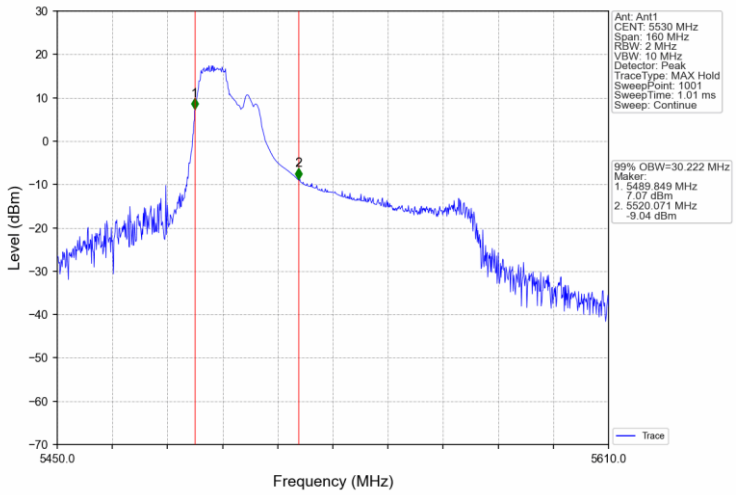

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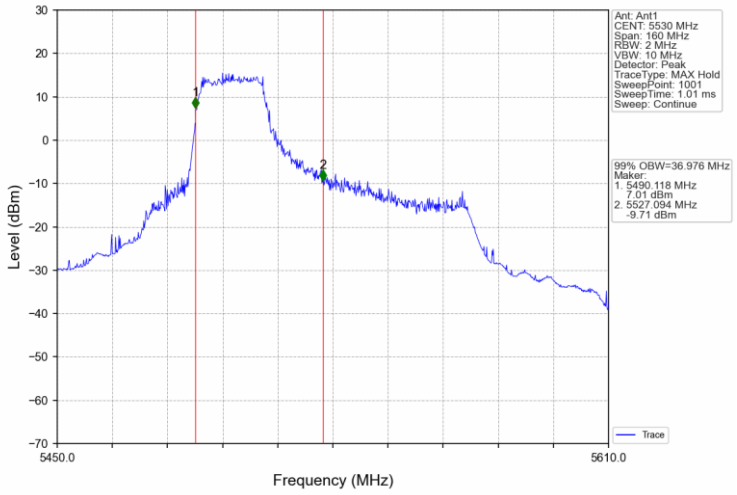

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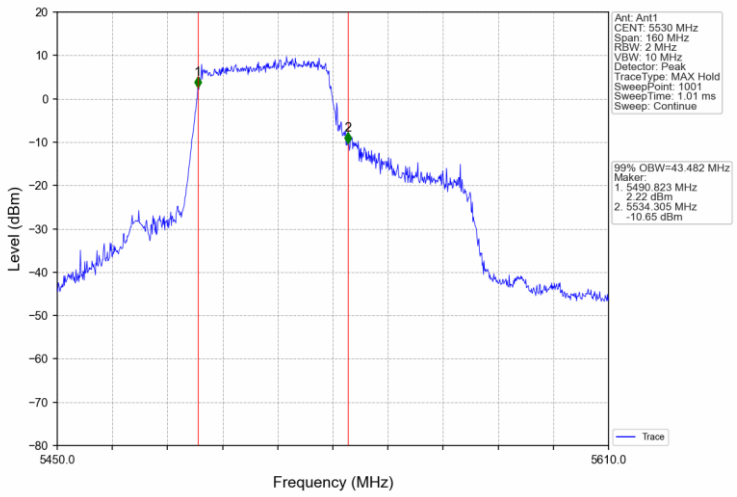

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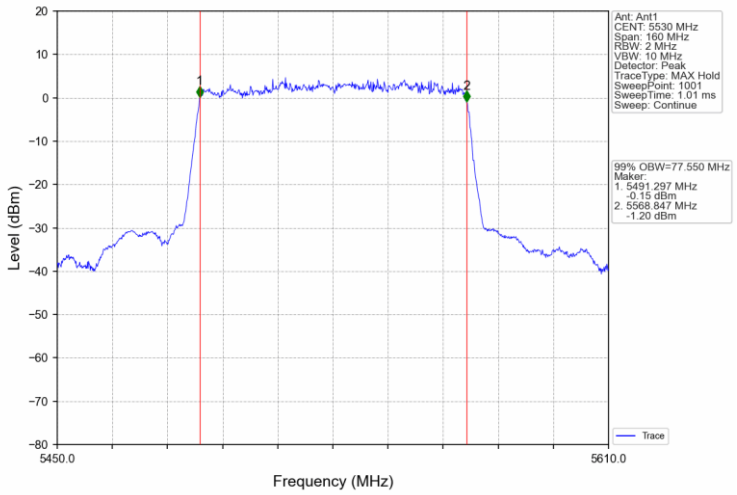

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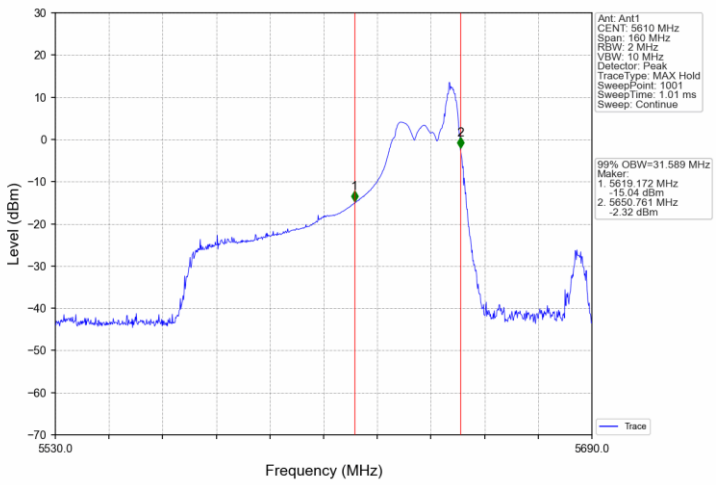

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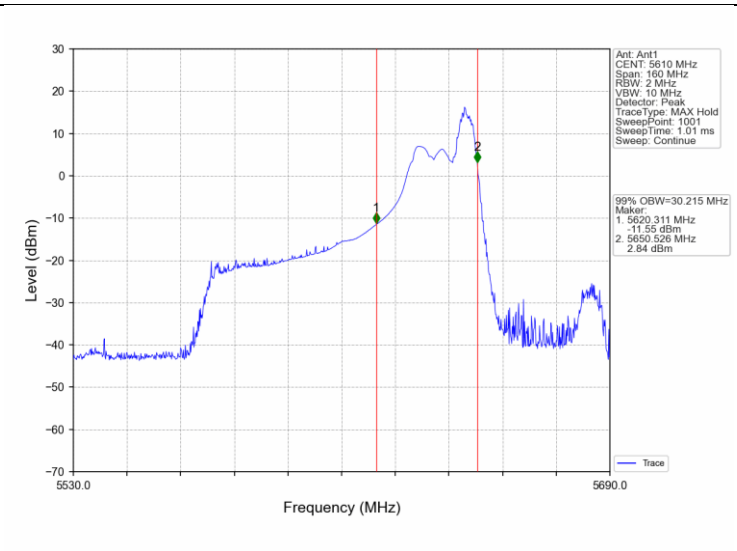

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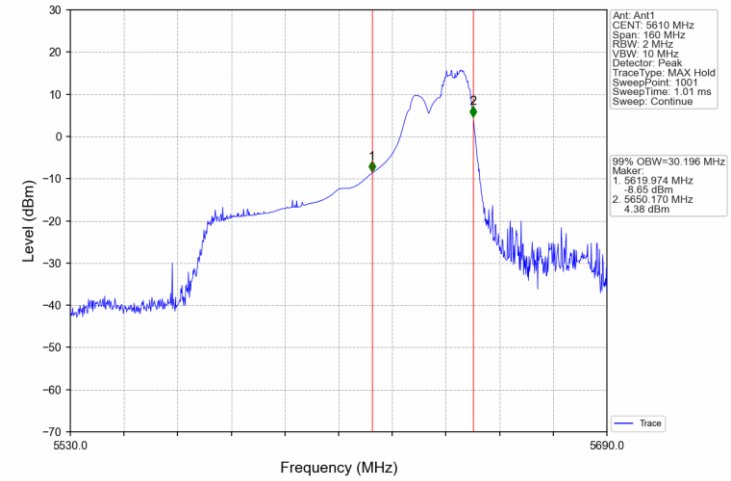

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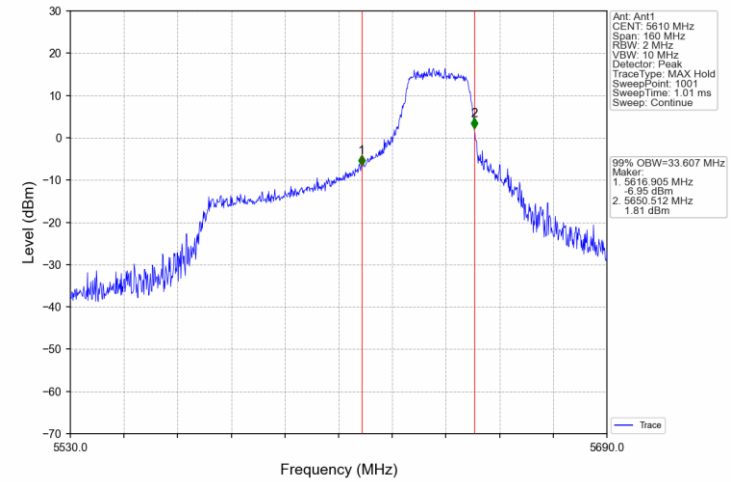

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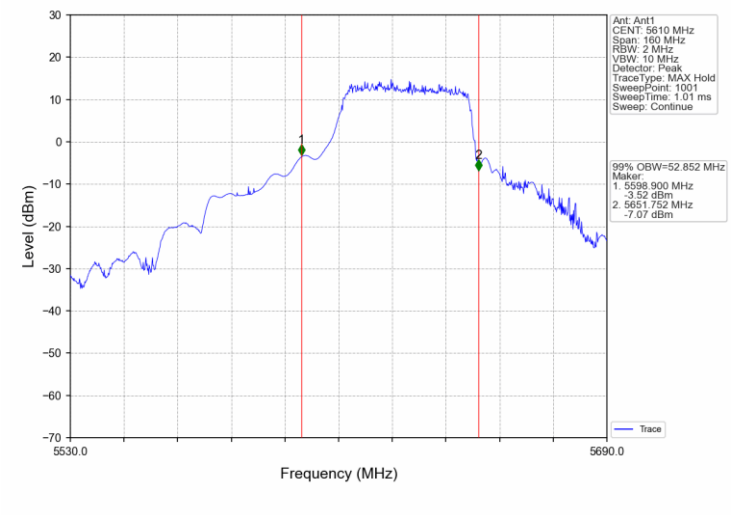
802.11ax(HEW80)_HCH_5610MHz_RU484_66_Ant1_NTNV



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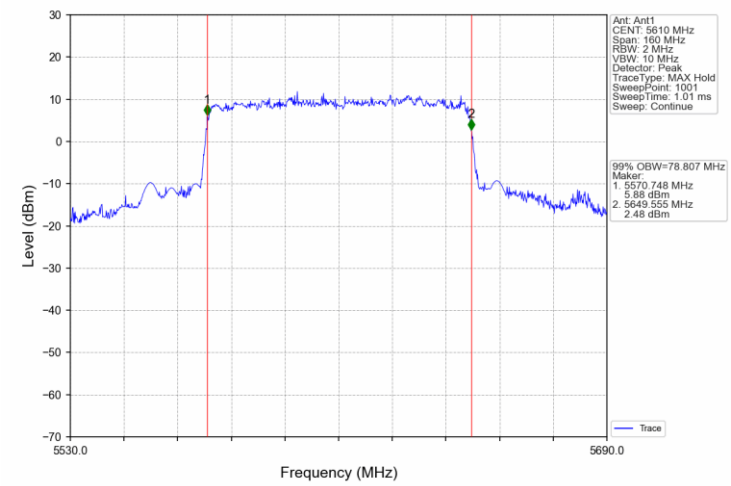

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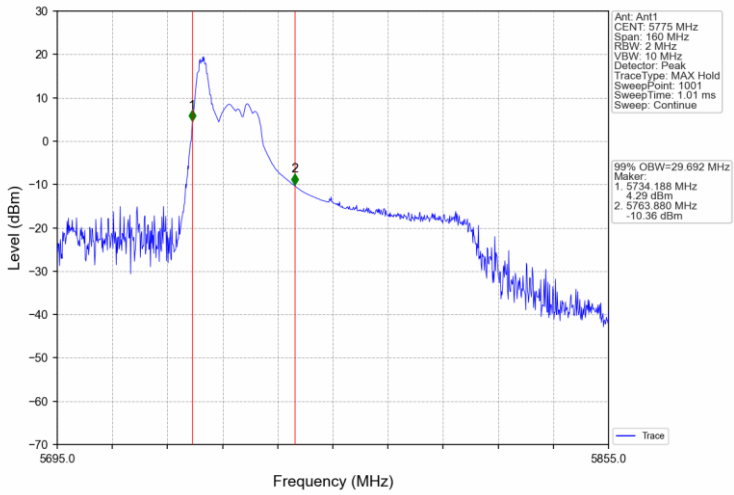

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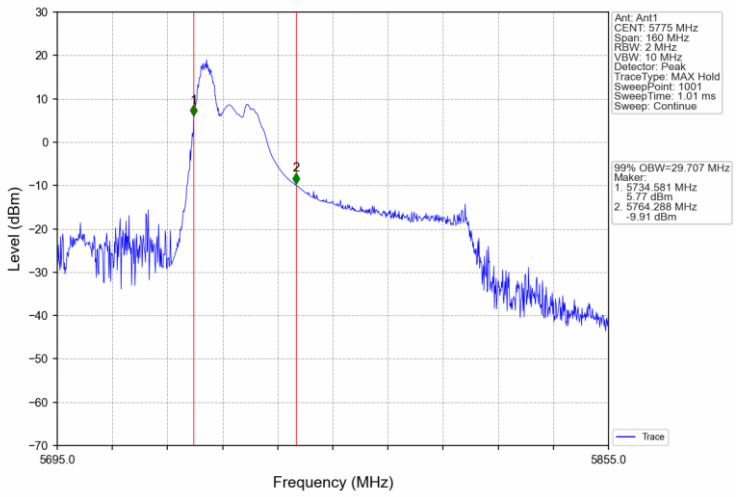

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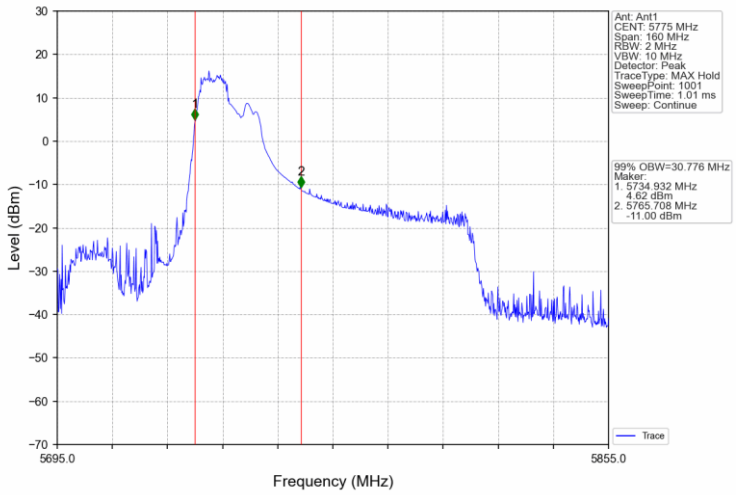

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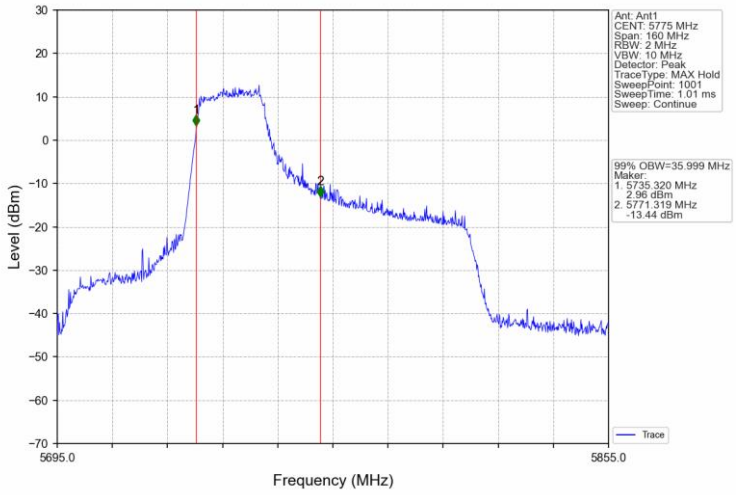

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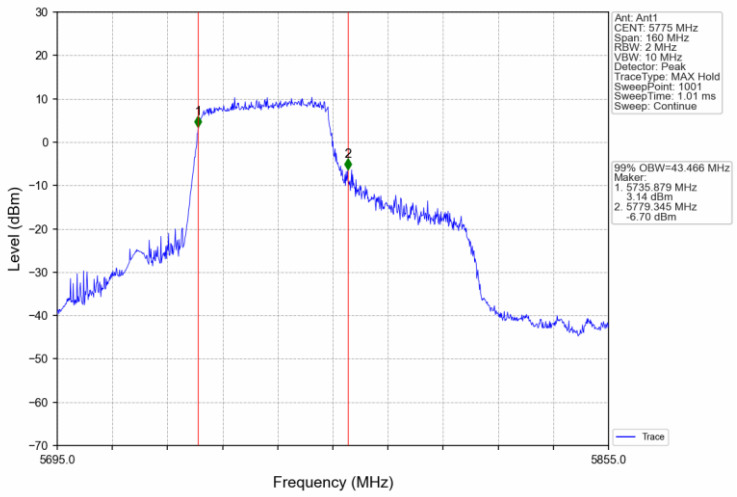

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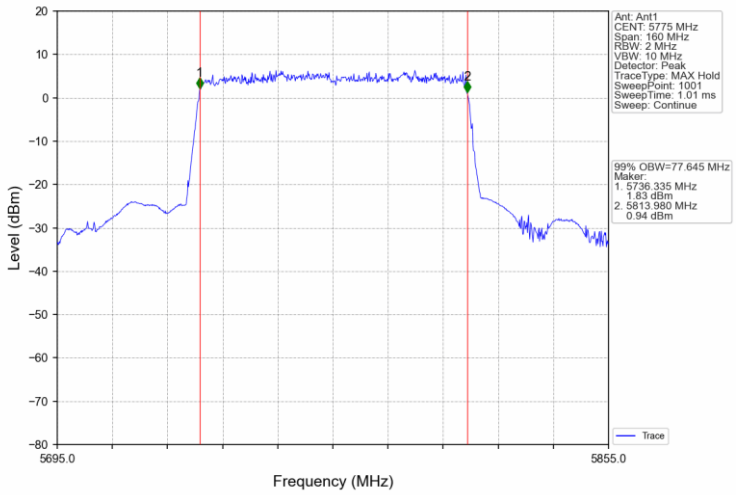

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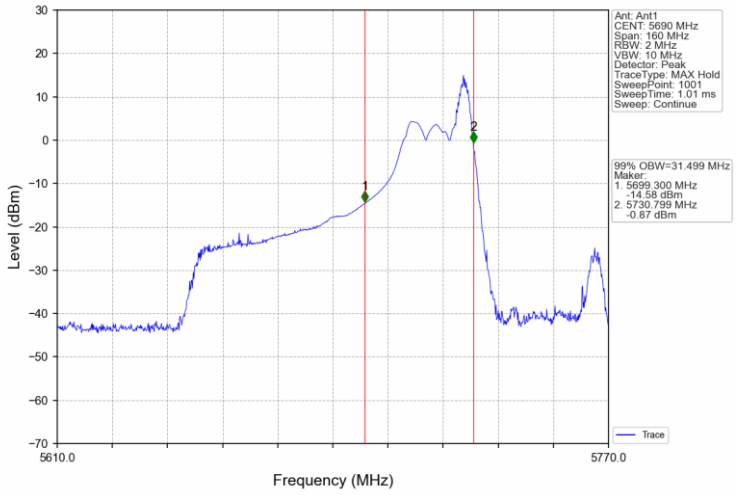

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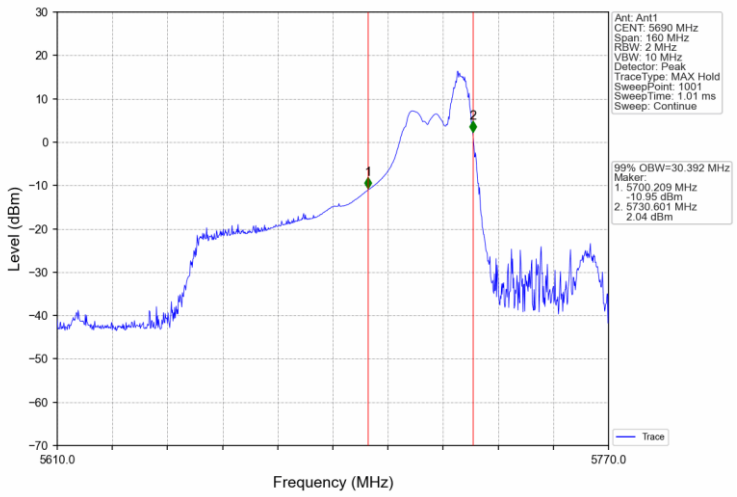

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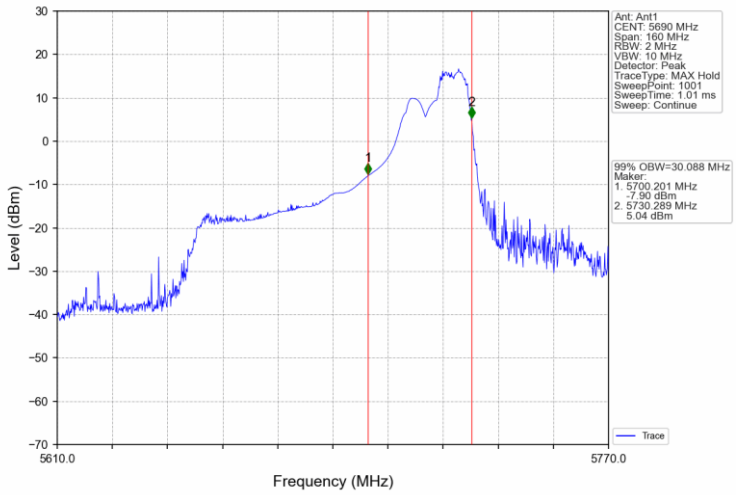

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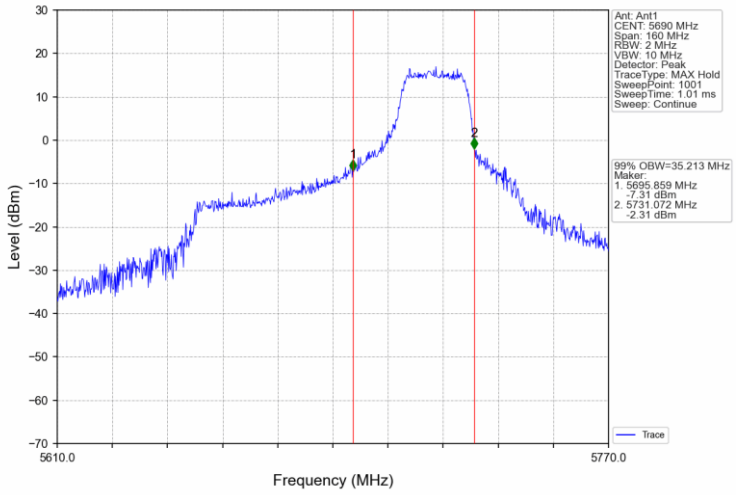

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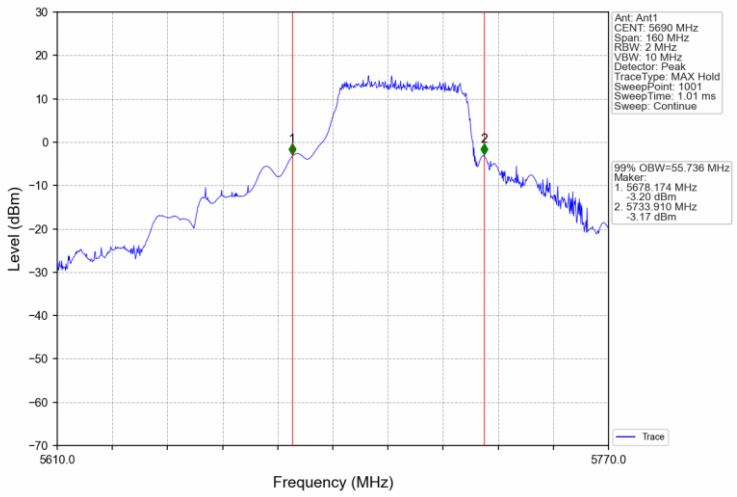

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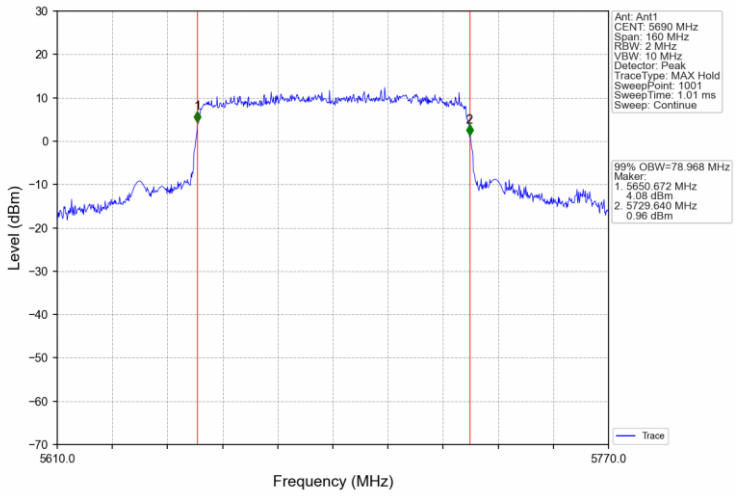

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8.3 Maximum conducted output power & EIRP

Test Method
According to KDB789033 D02

Test Method
According to C63.10, the EUT was placed on 0.8m height table, the RF output of EUT was connected to the test power meter by RF cable. The path loss was compensated to the results for each measurement.

1. Measurements may be performed using a wideband RF power meter with a thermocouple detector or equivalent if all of the following conditions are satisfied:
   The EUT is configured to transmit continuously or to transmit with a consistent duty cycle.
   At all times when the EUT is transmitting, it must be transmitting at its maximum power control level. The integration period of the power meter exceeds the repetition period of the transmitted signal by at least a factor of five.
2. If the transmitter does not transmit continuously, measure the duty cycle, x, of the transmitter output signal as described in 12.2 in C63.10-2013.
3. Measure the average power of the transmitter. This measurement is an average over both the on and off periods of the transmitter.
4. Adjust the measurement in dBm by adding 10 log (1/x) where x is the duty cycle (e.g., 10 log (1/0.25) if the duty cycle is 25%).

FCC Limits:
For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi.
For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26dB emission bandwidth in megahertz.
For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W.

ISED Limits:
For client devices in the 5.15-5.25 GHz band, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 $\log_{10}$B dBm, whichever power is less. B is the 99% emission bandwidth in megahertz.
For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power shall not exceed 250 mW or 11 + 10 $\log_{10}$B dBm, whichever is less. B is the 99% emission bandwidth in megahertz. The maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 $\log_{10}$B dBm, whichever is less. B is the 99% emission bandwidth in megahertz. Note that devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.
For the band 5.725-5.85 GHz, the maximum conducted output power shall not exceed 1W, if transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

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Test result as below table

IEEE 802.11a modulation Test Result

Band	Channel	Frequency (MHz)	Conducted Power (dBm)	Conducted Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
UNII-1	Low	5180	16.99	24.00	17.29	23.00
	Middle	5200	17.13	24.00	17.43	23.00
	High	5240	16.52	24.00	16.82	23.00
UNII-2A	Low	5260	14.92	24.00	16.07	30.00
	Middle	5300	14.94	24.00	16.09	30.00
	High	5320	15.21	24.00	16.36	30.00
UNII-2C	Low	5500	15.83	24.00	17.96	30.00
	Middle	5580	15.63	24.00	17.76	30.00
	High	5700	15.72	24.00	17.85	30.00
		5720	15.81	24.00	17.94	29.56
UNII-3	Low	5745	9.54	30.00	12.05	/
	Middle	5785	9.61	30.00	12.12	/
	High	5825	9.74	30.00	12.25	/

IEEE 802.11n20 modulation Test Result

Band	Channel	Frequency (MHz)	Conducted Power (dBm)	Conducted Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
UNII-1	Low	5180	16.97	24.00	17.27	22.58
	Middle	5200	17.09	24.00	17.39	22.57
	High	5240	16.23	24.00	16.53	22.77
UNII-2A	Low	5260	16.88	24.00	18.03	30.00
	Middle	5300	16.65	24.00	17.8	30.00
	High	5320	16.43	24.00	17.58	30.00
UNII-2C	Low	5500	15.64	24.00	17.77	30.00
	Middle	5580	15.58	24.00	17.71	30.00
	High	5700	15.68	24.00	17.81	30.00
		5720	15.65	24.00	17.78	29.94
UNII-3	Low	5745	9.63	30.00	12.14	/
	Middle	5785	9.31	30.00	11.82	/
	High	5825	9.40	30.00	11.91	/

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IEEE 802.11n40 modulation Test Result

Band	Channel	Frequency (MHz)	Conducted Power (dBm)	Conducted Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
UNII-1	Low	5190	13.30	24.00	13.60	23.00
	High	5230	16.52	24.00	16.82	23.00
UNII-2A	Low	5270	16.52	24.00	17.67	30.00
	High	5310	15.05	24.00	16.20	30.00
UNII-2C	Low	5510	12.83	24.00	14.96	30.00
	Middle	5550	15.19	24.00	17.32	30.00
	High	5670	15.58	24.00	17.71	30.00
		5710	15.52	24.00	17.65	30.00
UNII-3	Low	5755	9.88	30.00	12.39	/
	High	5795	9.45	30.00	11.96	/

IEEE 802.11ac20 modulation Test Result

Band	Channel	Frequency (MHz)	Conducted Power (dBm)	Conducted Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
UNII-1	Low	5180	16.92	24.00	17.22	22.71
	Middle	5200	16.98	24.00	17.28	22.72
	High	5240	16.34	24.00	16.64	22.73
UNII-2A	Low	5260	16.64	24.00	17.79	29.72
	Middle	5300	16.43	24.00	17.58	29.73
	High	5320	16.62	24.00	17.77	29.72
UNII-2C	Low	5500	15.41	24.00	17.54	29.72
	Middle	5580	15.52	24.00	17.65	29.72
	High	5700	15.72	24.00	17.85	29.72
		5720	15.78	24.00	17.91	29.71
UNII-3	Low	5745	9.63	30.00	12.14	/
	Middle	5785	9.32	30.00	11.83	/
	High	5825	9.41	30.00	11.92	/

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IEEE 802.11ac40 modulation Test Result

Band	Channel	Frequency (MHz)	Conducted Power (dBm)	Conducted Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
UNII-1	Low	5190	12.40	24.00	12.7	23.00
	High	5230	16.43	24.00	16.73	23.00
UNII-2A	Low	5270	16.52	24.00	17.67	30.00
	High	5310	13.92	24.00	15.07	30.00
UNII-2C	Low	5510	12.74	24.00	14.87	30.00
	Middle	5550	15.07	24.00	17.2	30.00
	High	5670	15.57	24.00	17.70	30.00
		5710	15.49	24.00	17.62	30.00
UNII-3	Low	5755	9.87	30.00	12.38	/
	High	5795	9.42	30.00	11.93	/

IEEE 802.11ac80 modulation Test Result

Band	Channel	Frequency (MHz)	Conducted Power (dBm)	Conducted Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
UNII-1	42	5210	11.54	24.00	11.84	23.00
UNII-2A Band	58	5290	12.24	24.00	13.39	30.00
UNII-2C	Low	5530	11.45	24.00	13.58	30.00
	Middle	5610	14.56	24.00	16.69	30.00
	Hight	5690	14.19	24.00	16.32	30.00
UNII-3	155	5775	10.56	30.00	13.07	/

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IEEE 802.11ax20 modulation Test Result

Band	Channel	Frequency (MHz)	RU#+ Index#	Conducted Power (dBm)	Conducted Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
UNII-1	Low	5180	26RU0	9.12	24.00	9.42	22.76
			52RU37	11.68	24.00	11.98	22.75
			106RU53	15.41	24.00	15.71	22.75
			242RU61	17.01	24.00	17.31	22.97
	Middle	5200	26RU4	10.11	24.00	10.41	22.49
			52RU38	12.52	24.00	12.82	22.51
			106RU53	16.21	24.00	16.51	22.72
			242RU61	16.81	24.00	17.11	22.96
	High	5240	26RU8	9.21	24.00	9.51	22.86
			52RU40	11.53	24.00	11.83	22.81
			106RU54	15.43	24.00	15.73	22.84
			242RU61	16.33	24.00	16.63	22.96
UNII-2A	Low	5260	26RU0	6.82	24.00	7.97	29.76
			52RU37	9.92	24.00	11.07	29.75
			106RU53	12.91	24.00	14.06	29.70
			242RU61	16.34	24.00	17.49	29.92
	Middle	5300	26RU4	6.42	24.00	7.57	29.52
			52RU38	9.72	24.00	10.87	29.54
			106RU53	12.83	24.00	13.98	29.69
			242RU61	16.23	24.00	17.38	29.92
	High	5320	26RU8	6.94	24.00	8.09	29.85
			52RU40	9.92	24.00	11.07	29.81
			106RU54	13.62	24.00	14.77	29.80
			242RU61	16.42	24.00	17.57	29.93
UNII-2C	Low	5500	26RU0	6.32	24.00	8.45	29.75
			52RU37	8.72	24.00	10.85	29.74
			106RU53	11.83	24.00	13.96	29.69
			242RU61	14.35	24.00	16.48	29.90
	Middle	5580	26RU4	6.32	24.00	8.45	29.50
			52RU38	8.41	24.00	10.54	29.54
			106RU53	11.78	24.00	13.91	29.68
			242RU61	14.41	24.00	16.54	29.90
	High	5700	26RU8	5.42	24.00	7.55	29.51
			52RU40	9.02	24.00	11.15	29.83
			106RU54	11.99	24.00	14.12	29.80
			242RU61	15.82	24.00	17.95	29.90
		5720	26RU8	5.53	24.00	7.66	29.85
			52RU40	9.13	24.00	11.26	29.83

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			106RU54	11.98	24.00	14.11	29.81
			242RU61	15.87	24.00	18.00	29.90
UNII-3	Low	5745	26RU0	9.52	30.00	12.03	/
			52RU37	9.62	30.00	12.13	/
			106RU53	9.55	30.00	12.06	/
			242RU61	10.32	30.00	12.83	/
	Middle	5785	26RU4	9.42	30.00	11.93	/
			52RU38	9.33	30.00	11.84	/
			106RU53	9.34	30.00	11.85	/
			242RU61	9.89	30.00	12.40	/
	High	5825	26RU8	9.32	30.00	11.83	/
			52RU40	9.53	30.00	12.04	/
			106RU54	9.32	30.00	11.83	/
			242RU61	9.88	30.00	12.39	/

IEEE 802.11ax40 modulation Test Result

Band	Channel	Frequency (MHz)	RU#+ Index#	Conducted Power (dBm)	Conducted Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
UNII-1	Low	5190	26RU0	9.68	24.00	9.98	23.00
			52RU37	12.53	24.00	12.83	23.00
			106RU53	15.33	24.00	15.63	23.00
			242RU61	17.88	24.00	18.18	23.00
			484RU65	14.04	24.00	14.34	23.00
	High	5230	26RU17	9.72	24.00	10.02	23.00
			52RU44	12.45	24.00	12.75	23.00
			106RU56	15.39	24.00	15.69	23.00
			242RU62	17.35	24.00	17.65	23.00
			484RU65	15.84	24.00	16.14	23.00
UNII-2A	Low	5270	26RU0	7.32	24.00	8.47	30.00
			52RU37	10.42	24.00	11.57	30.00
			106RU53	12.78	24.00	13.93	30.00
			242RU61	15.93	24.00	17.08	30.00
			484RU65	15.51	24.00	16.66	30.00
	High	5310	26RU17	7.42	24.00	8.57	30.00
			52RU44	10.42	24.00	11.57	30.00
			106RU56	13.76	24.00	14.91	30.00
			242RU62	16.42	24.00	17.57	30.00
			484RU65	16.32	24.00	17.47	30.00
UNII-2C	Low	5510	26RU0	5.82	24.00	7.95	30.00
			52RU37	9.13	24.00	11.26	30.00
			106RU53	12.03	24.00	14.16	30.00
			242RU61	14.42	24.00	16.55	30.00
			484RU65	13.02	24.00	15.15	30.00
	Middle	5550	26RU8	5.82	24.00	7.95	30.00

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			52RU40	9.12	24.00	11.25	30.00
			106RU54	11.32	24.00	13.45	30.00
			242RU61	15.37	24.00	17.5	30.00
			484RU65	14.24	24.00	16.37	30.00
	High	5670	26RU17	5.63	24.00	7.76	30.00
			52RU44	8.46	24.00	10.59	30.00
			106RU56	11.79	24.00	13.92	30.00
			242RU62	15.43	24.00	17.56	30.00
			484RU65	15.01	24.00	17.14	30.00
		5710	26RU17	5.72	24.00	7.85	30.00
			52RU44	8.51	24.00	10.64	30.00
			106RU56	11.83	24.00	13.96	30.00
			242RU62	15.41	24.00	17.54	30.00
			484RU65	15.00	24.00	17.13	30.00
UNII-3	Low	5755	26RU0	9.72	30.00	12.23	/
			52RU37	9.69	30.00	12.20	/
			106RU53	9.87	30.00	12.38	/
			242RU61	9.98	30.00	12.49	/
			484RU65	9.92	30.00	12.43	/
	High	5795	26RU17	9.21	30.00	11.72	/
			52RU44	9.45	30.00	11.96	/
			106RU56	9.67	30.00	12.18	/
			242RU62	9.52	30.00	12.03	/
			484RU65	9.51	30.00	12.02	/

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IEEE 802.11ax80 modulation Test Result

Band	Channel	Frequency (MHz)	RU#+ Index#	Conducted Power (dBm)	Conducted Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
UNII-1	42	5210	26RU0	10.23	24.00	10.53	23.00
			52RU37	12.11	24.00	12.41	23.00
			106RU53	15.23	24.00	15.53	23.00
			242RU61	16.65	24.00	16.95	23.00
			484RU65	14.34	24.00	14.64	23.00
			996RU67	14.45	24.00	14.75	23.00
UNII-2A	58	5290	26RU36	7.33	24.00	8.48	30.00
			52RU52	9.86	24.00	11.01	30.00
			106RU60	12.36	24.00	13.51	30.00
			242RU64	15.34	24.00	16.49	30.00
			484RU66	14.00	24.00	15.15	30.00
			996RU67	14.12	24.00	15.27	30.00
UNII-2C	Low	5530	26RU0	5.34	24.00	7.47	30.00
			52RU37	8.34	24.00	10.47	30.00
			106RU53	12.56	24.00	14.69	30.00
			242RU61	14.93	24.00	17.06	30.00
			484RU65	12.87	24.00	15.00	30.00
			996RU67	9.83	24.00	11.96	30.00
	Middle	5610	26RU36	6.02	24.00	8.15	30.00
			52RU52	9.33	24.00	11.46	30.00
			106RU60	12.01	24.00	14.14	30.00
			242RU64	15.21	24.00	17.34	30.00
			484RU66	14.68	24.00	16.81	30.00
			996RU67	14.32	24.00	16.45	30.00
	Hight	5690	26RU36	6.01	24.00	8.14	30.00
			52RU52	9.34	24.00	11.47	30.00
			106RU60	12.10	24.00	14.23	30.00
			242RU64	15.19	24.00	17.32	30.00
			484RU66	14.68	24.00	16.81	30.00
			996RU67	14.34	24.00	16.47	30.00
UNII-3	155	5775	26RU0	9.62	30.00	12.13	/
			52RU37	9.87	30.00	12.38	/
			106RU53	9.82	30.00	12.33	/
			242RU61	10.21	30.00	12.72	/
			484RU65	10.61	30.00	13.12	/
			996RU67	10.43	30.00	12.94	/

NOTE 1: Maximum Conducted Output Power=Conducted Output Power + Correction Factor
NOTE 2: Maximum Conducted Output Power + ANT Gain

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8.4 Maximum power spectral density

Test Method (Method SA-2 in C63.10-2013)
The EUT was placed on 0.8m height table, the RF output of EUT was connected to the test receiver by RF cable. The path loss was compensated to the results for each measurement. (trace averaging across on and off times of the EUT transmissions, followed by duty cycle correction).

1. Measure the duty cycle.
2. Set span to encompass the entire emission bandwidth (EBW) of the signal.
3. Set RBW = 1 MHz.
4. Set VBW ≥ 3 MHz.
5. Number of points in sweep ≥ 2 Span / RBW.
6. Sweep time = auto.
7. Detector = RMS
8. Trace average at least 100 traces in power averaging mode.
9. Add 10 log(1/x), where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times. For example, add 10 log(1/0.25) = 6 dB if the duty cycle is 25 percent.

Limit:
FCC Limits:
The maximum power spectral density shall not exceed 11dBm for the 5.15-5.25GHz, 5.25-5.35GHz, 5.47-5.725 GHz Band in any 1 megahertz band.
For the band 5.725-5.85 GHz, the maximum power spectral density shall not exceed 30 dBm in any 500kHz band.

ISED Limits:
For client devices in the 5.15-5.25 GHz band, the e.i.r.p. spectral density shall not exceed 10 dBm in any 1.0 MHz band.
For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the power spectral density shall not exceed 11 dBm in any 1.0 MHz.
For the band 5.725-5.85 GHz, the maximum power spectral density shall not exceed 30 dBm in any 500kHz band.

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Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	4.91	<=11	Pass
		5200	5.09	<=11	Pass
		5240	5.28	<=11	Pass
		5260	5.47	<=11	Pass
		5300	5.35	<=11	Pass
		5320	5.66	<=11	Pass
		5500	4.66	<=11	Pass
		5580	5.31	<=11	Pass
		5700	5.22	<=11	Pass
		5720	3.69	<=11	Pass
802.11n (HT20)	SISO	5180	4.33	<=11	Pass
		5200	4.64	<=11	Pass
		5240	4.90	<=11	Pass
		5260	4.98	<=11	Pass
		5300	5.08	<=11	Pass
		5320	5.77	<=11	Pass
		5500	3.43	<=11	Pass
		5580	3.13	<=11	Pass
		5700	3.64	<=11	Pass
		5720	3.05	<=11	Pass
802.11n (HT40)	SISO	5190	-1.41	<=11	Pass
		5230	2.12	<=11	Pass
		5270	2.75	<=11	Pass
		5310	1.22	<=11	Pass
		5510	-2.09	<=11	Pass
		5550	5.63	<=11	Pass
		5670	2.33	<=11	Pass
		5710	1.78	<=11	Pass
802.11ac (VHT20)	SISO	5180	5.05	<=11	Pass
		5200	5.33	<=11	Pass
		5240	5.15	<=11	Pass
		5260	5.51	<=11	Pass
		5300	5.10	<=11	Pass
		5320	5.65	<=11	Pass
		5500	3.15	<=11	Pass
		5580	3.16	<=11	Pass
		5700	3.35	<=11	Pass
		5720	3.50	<=11	Pass
802.11ac (VHT40)	SISO	5190	-1.39	<=11	Pass
		5230	2.29	<=11	Pass
		5270	2.88	<=11	Pass
		5310	0.96	<=11	Pass
		5510	-2.45	<=11	Pass
		5550	-2.52	<=11	Pass
		5670	1.89	<=11	Pass
		5710	2.14	<=11	Pass
802.11ac (VHT80)	SISO	5210	-5.15	<=11	Pass
		5290	-3.56	<=11	Pass
		5530	-5.39	<=11	Pass
		5610	-1.39	<=11	Pass
		5690	-0.63	<=11	Pass

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Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/MHz)		Verdict
					ANT1	Limit	
802.11ax (HEW20)	SISO	5180	RU26	0	9.02	<=11	Pass
			RU52	37	9.04	<=11	Pass
			RU106	53	8.89	<=11	Pass
			RU242	61	7.90	<=11	Pass
		5200	RU26	4	8.83	<=11	Pass
			RU52	38	9.61	<=11	Pass
			RU106	53	9.39	<=11	Pass
			RU242	61	7.98	<=11	Pass
		5240	RU26	8	8.96	<=11	Pass
			RU52	40	8.82	<=11	Pass
			RU106	54	9.13	<=11	Pass
			RU242	61	7.85	<=11	Pass
		5260	RU26	0	5.85	<=11	Pass
			RU52	37	6.21	<=11	Pass
			RU106	53	6.99	<=11	Pass
			RU242	61	7.32	<=11	Pass
		5300	RU26	4	5.79	<=11	Pass
			RU52	38	6.78	<=11	Pass
			RU106	53	7.47	<=11	Pass
			RU242	61	7.60	<=11	Pass
		5320	RU26	8	6.52	<=11	Pass
			RU52	40	6.43	<=11	Pass
			RU106	54	7.90	<=11	Pass
			RU242	61	7.39	<=11	Pass
		5500	RU26	0	5.84	<=11	Pass
			RU52	37	4.98	<=11	Pass
			RU106	53	5.46	<=11	Pass
			RU242	61	5.39	<=11	Pass
		5580	RU26	4	5.40	<=11	Pass
			RU52	38	5.83	<=11	Pass
			RU106	53	5.56	<=11	Pass
			RU242	61	5.47	<=11	Pass
		5700	RU26	8	4.67	<=11	Pass
			RU52	40	5.12	<=11	Pass
			RU106	54	5.85	<=11	Pass
			RU242	61	5.66	<=11	Pass
		5720	RU26	8	0.41	<=11	Pass
			RU52	40	1.67	<=11	Pass
			RU106	54	1.94	<=11	Pass
			RU242	61	2.10	<=11	Pass
802.11ax (HEW40)	SISO	5190	RU26	0	9.12	<=11	Pass
			RU52	37	9.42	<=11	Pass
			RU106	53	8.89	<=11	Pass
			RU242	61	8.74	<=11	Pass
			RU484	65	2.16	<=11	Pass
		5230	RU26	17	9.18	<=11	Pass
			RU52	44	9.46	<=11	Pass
			RU106	56	9.04	<=11	Pass
			RU242	62	8.95	<=11	Pass
			RU484	65	4.07	<=11	Pass
		5270	RU26	0	6.30	<=11	Pass
			RU52	37	5.96	<=11	Pass
			RU106	53	6.36	<=11	Pass
			RU242	61	7.14	<=11	Pass
			RU484	65	4.33	<=11	Pass
		5310	RU26	17	7.38	<=11	Pass
			RU52	44	7.03	<=11	Pass
			RU106	56	7.20	<=11	Pass
			RU242	62	7.50	<=11	Pass
			RU484	65	4.52	<=11	Pass
		5510	RU26	0	5.02	<=11	Pass

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			RU52	37	4.63	<=11	Pass
			RU106	53	5.82	<=11	Pass
			RU242	61	5.51	<=11	Pass
			RU484	65	1.23	<=11	Pass
		5550	RU26	8	6.63	<=11	Pass
			RU52	40	6.35	<=11	Pass
			RU106	54	6.21	<=11	Pass
			RU242	61	6.35	<=11	Pass
			RU484	65	3.45	<=11	Pass
		5670	RU26	17	5.91	<=11	Pass
			RU52	44	5.70	<=11	Pass
			RU106	56	5.49	<=11	Pass
			RU242	62	6.47	<=11	Pass
			RU484	65	3.62	<=11	Pass
		5710	RU26	17	2.20	<=11	Pass
			RU52	44	1.28	<=11	Pass
			RU106	56	1.35	<=11	Pass
			RU242	62	2.77	<=11	Pass
			RU484	65	-0.22	<=11	Pass
802.11ax (HEW80)	SISO	5210	RU26	0	9.26	<=11	Pass
			RU52	37	8.82	<=11	Pass
			RU106	53	8.89	<=11	Pass
			RU242	61	7.21	<=11	Pass
			RU484	65	2.46	<=11	Pass
			RU996	67	0.32	<=11	Pass
		5290	RU26	36	8.15	<=11	Pass
			RU52	52	6.73	<=11	Pass
			RU106	60	6.26	<=11	Pass
			RU242	64	6.34	<=11	Pass
			RU484	66	2.92	<=11	Pass
			RU996	67	-0.10	<=11	Pass
		5530	RU26	0	4.58	<=11	Pass
			RU52	37	4.74	<=11	Pass
			RU106	53	6.67	<=11	Pass
			RU242	61	6.21	<=11	Pass
			RU484	65	1.87	<=11	Pass
			RU996	67	-3.36	<=11	Pass
		5610	RU26	36	5.31	<=11	Pass
			RU52	52	5.47	<=11	Pass
			RU106	60	5.68	<=11	Pass
			RU242	64	6.82	<=11	Pass
			RU484	66	5.48	<=11	Pass
			RU996	67	2.53	<=11	Pass
		5690	RU26	36	1.43	<=11	Pass
			RU52	52	2.07	<=11	Pass
			RU106	60	1.95	<=11	Pass
			RU242	64	2.58	<=11	Pass
			RU484	66	1.68	<=11	Pass
			RU996	67	-1.09	<=11	Pass

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Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5745	-4.51	<=30	Pass
		5785	-4.96	<=30	Pass
		5825	-4.87	<=30	Pass
		5720	0.72	<=30	Pass
802.11n (HT20)	SISO	5745	-3.85	<=30	Pass
		5785	-4.39	<=30	Pass
		5825	-4.30	<=30	Pass
		5720	0.14	<=30	Pass
802.11n (HT40)	SISO	5755	-7.11	<=30	Pass
		5795	-7.13	<=30	Pass
		5710	-1.08	<=30	Pass
802.11ac (VHT20)	SISO	5745	-4.27	<=30	Pass
		5785	-5.08	<=30	Pass
		5825	-4.65	<=30	Pass
		5720	0.50	<=30	Pass
802.11ac (VHT40)	SISO	5755	-7.36	<=30	Pass
		5795	-7.84	<=30	Pass
		5710	-0.87	<=30	Pass
802.11ac (VHT80)	SISO	5775	-9.65	<=30	Pass
		5690	-3.45	<=30	Pass

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/500kHz)		Verdict
					ANT1	Limit	
802.11ax (HEW20)	SISO	5745	RU26	0	3.15	<=30	Pass
			RU52	37	-0.04	<=30	Pass
			RU106	53	-2.89	<=30	Pass
			RU242	61	-4.05	<=30	Pass
		5785	RU26	4	3.22	<=30	Pass
			RU52	38	0.38	<=30	Pass
			RU106	53	-2.43	<=30	Pass
			RU242	61	-4.32	<=30	Pass
		5825	RU26	8	3.14	<=30	Pass
			RU52	40	0.19	<=30	Pass
			RU106	54	-2.53	<=30	Pass
			RU242	61	-4.09	<=30	Pass
		5720	RU26	8	-2.16	<=30	Pass
			RU52	40	-1.39	<=30	Pass
			RU106	54	-1.15	<=30	Pass
			RU242	61	-0.78	<=30	Pass
802.11ax (HEW40)	SISO	5755	RU26	0	3.44	<=30	Pass
			RU52	37	0.66	<=30	Pass
			RU106	53	-2.45	<=30	Pass
			RU242	61	-4.55	<=30	Pass
			RU484	65	-7.15	<=30	Pass
		5795	RU26	17	3.95	<=30	Pass
			RU52	44	1.70	<=30	Pass
			RU106	56	-2.09	<=30	Pass
			RU242	62	-4.62	<=30	Pass
			RU484	65	-7.57	<=30	Pass
		5710	RU26	17	-0.84	<=30	Pass
			RU52	44	-1.77	<=30	Pass
			RU106	56	-1.63	<=30	Pass
			RU242	62	-0.06	<=30	Pass
			RU484	65	-3.00	<=30	Pass
802.11ax (HEW80)	SISO	5775	RU26	0	3.76	<=30	Pass
			RU52	37	1.02	<=30	Pass
			RU106	53	-1.50	<=30	Pass
			RU242	61	-4.19	<=30	Pass
			RU484	65	-5.57	<=30	Pass
			RU996	67	-9.29	<=30	Pass
		5690	RU26	36	-0.40	<=30	Pass

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			RU52	52	-0.71	<=30	Pass
			RU106	60	-0.92	<=30	Pass
			RU242	64	-0.19	<=30	Pass
			RU484	66	-1.03	<=30	Pass
			RU996	67	-3.72	<=30	Pass

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Mode	TX Type	Frequency (MHz)	e.i.r.p. PSD (dBm/MHz)	e.i.r.p. PSD (dBm/MHz) Limit	Verdict
802.11a	SISO	5180	5.21	<=10	Pass
		5200	5.39	<=10	Pass
		5240	5.58	<=10	Pass
802.11n (HT20)	SISO	5180	4.63	<=10	Pass
		5200	4.94	<=10	Pass
		5240	5.20	<=10	Pass
802.11n (HT40)	SISO	5190	-1.11	<=10	Pass
		5230	2.42	<=10	Pass
802.11ac (VHT20)	SISO	5180	5.35	<=10	Pass
		5200	5.63	<=10	Pass
		5240	5.45	<=10	Pass
802.11ac (VHT40)	SISO	5190	-1.09	<=10	Pass
		5230	2.59	<=10	Pass
802.11ac (VHT80)	SISO	5210	-4.85	<=10	Pass

Mode	TX Type	Frequency (MHz)	RU	RU Pos	e.i.r.p. PSD (dBm/MHz)	e.i.r.p. PSD (dBm/MHz) Limit	Verdict
802.11ax (HE20)	SISO	5180	RU26	0	9.32	<=10	Pass
			RU52	37	9.34	<=10	Pass
			RU106	53	9.19	<=10	Pass
			RU242	61	8.20	<=10	Pass
		5200	RU26	4	9.13	<=10	Pass
			RU52	38	9.91	<=10	Pass
			RU106	53	9.69	<=10	Pass
			RU242	61	8.28	<=10	Pass
		5240	RU26	8	9.26	<=10	Pass
			RU52	40	9.12	<=10	Pass
			RU106	54	9.43	<=10	Pass
			RU242	61	8.15	<=10	Pass
802.11ax (HE40)	SISO	5190	RU26	0	9.42	<=10	Pass
			RU52	37	9.72	<=10	Pass
			RU106	53	9.19	<=10	Pass
			RU242	61	9.04	<=10	Pass
			RU484	65	2.46	<=10	Pass
		5230	RU26	17	9.48	<=10	Pass
			RU52	44	9.76	<=10	Pass
			RU106	56	9.34	<=10	Pass
			RU242	62	9.25	<=10	Pass
			RU484	65	4.37	<=10	Pass
802.11ax (HE80)	SISO	5210	RU26	0	9.56	<=10	Pass
			RU52	37	9.12	<=10	Pass
			RU106	53	9.19	<=10	Pass
			RU242	61	7.51	<=10	Pass
			RU484	65	2.76	<=10	Pass
			RU996	67	0.62	<=10	Pass

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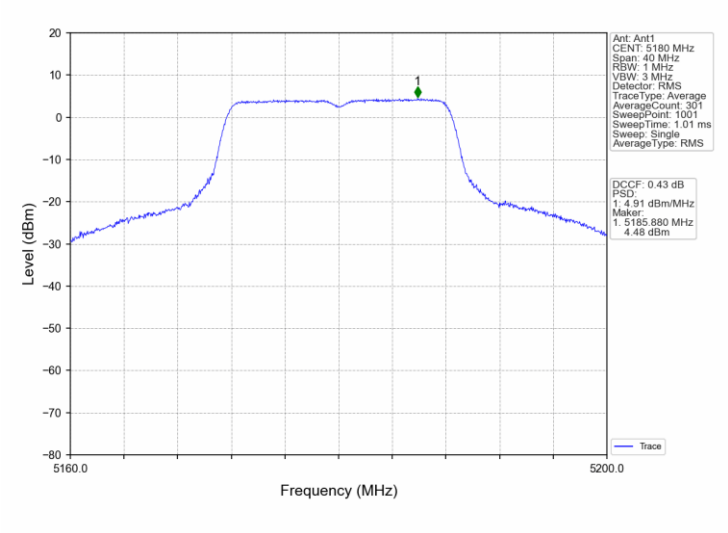
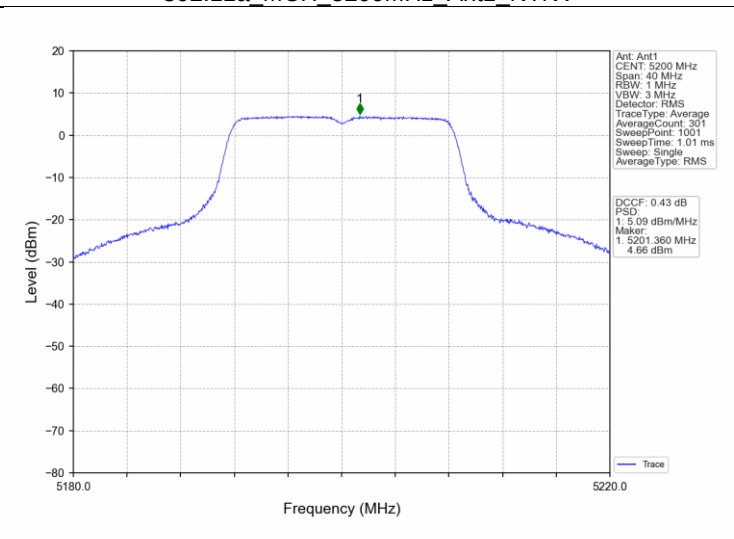
Test Graphs

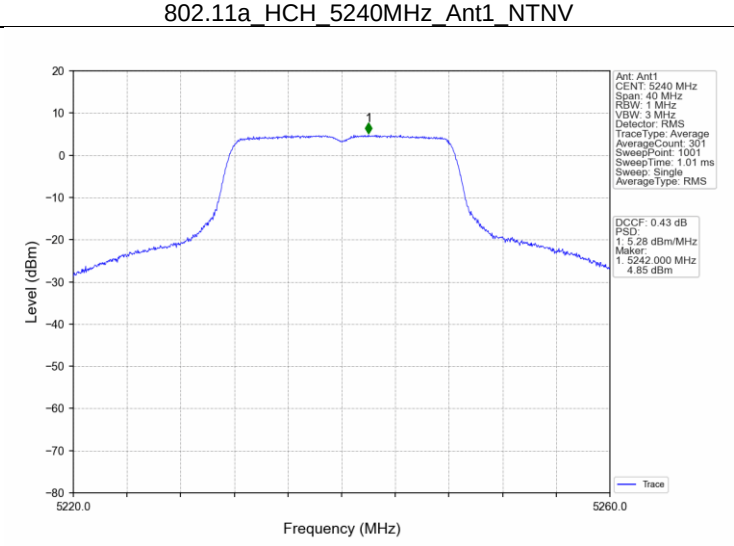
802.11a_LCH_5180MHz_Ant1_NTNV



802.11a_MCH_5200MHz_Ant1_NTNV



802.11a_HCH_5240MHz_Ant1_NTNV



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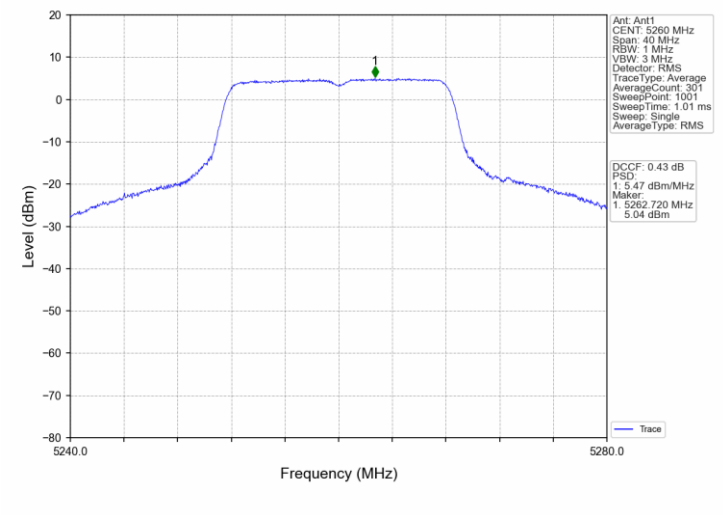
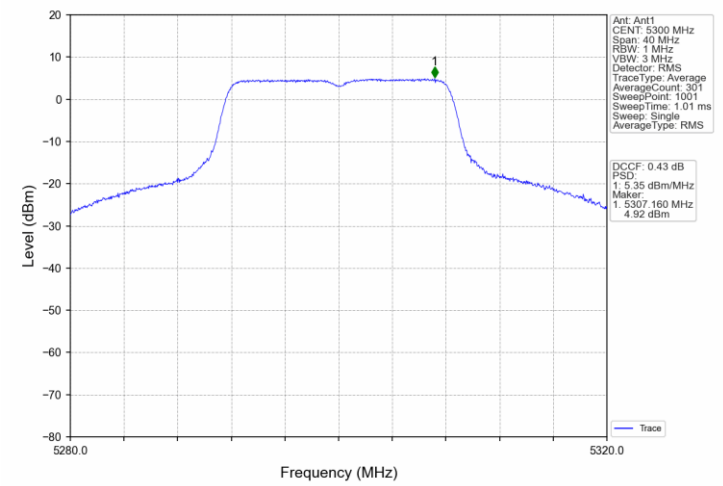
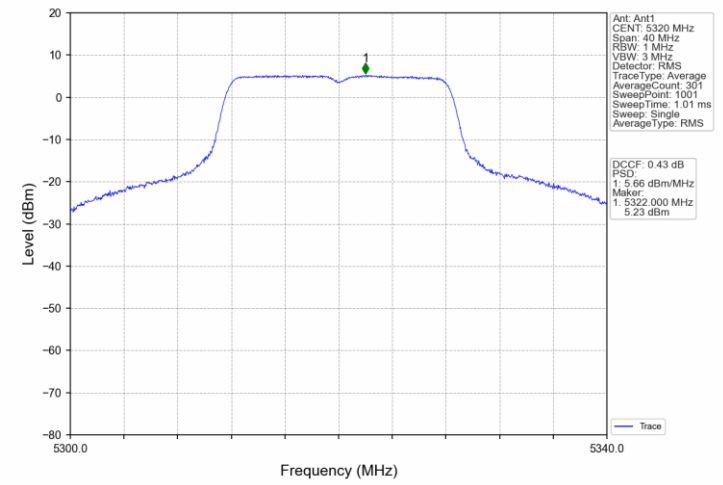
802.11a_LCH_5260MHz_Ant1_NTNV



802.11a_MCH_5300MHz_Ant1_NTNV



802.11a_HCH_5320MHz_Ant1_NTNV



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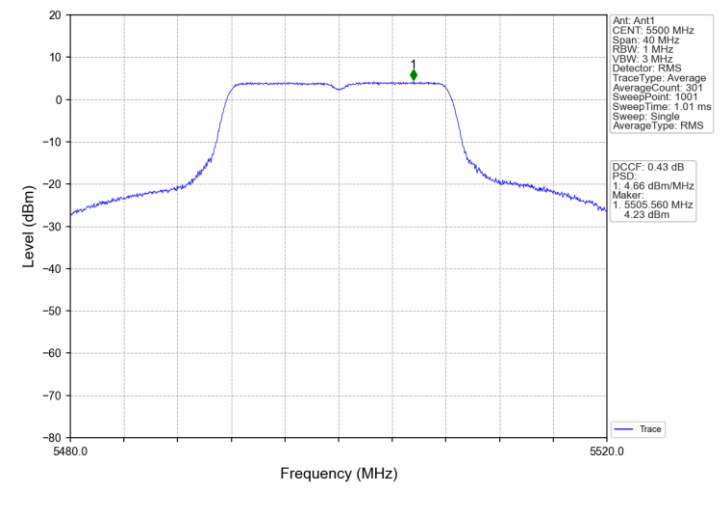
802.11a_LCH_5500MHz_Ant1_NTNV



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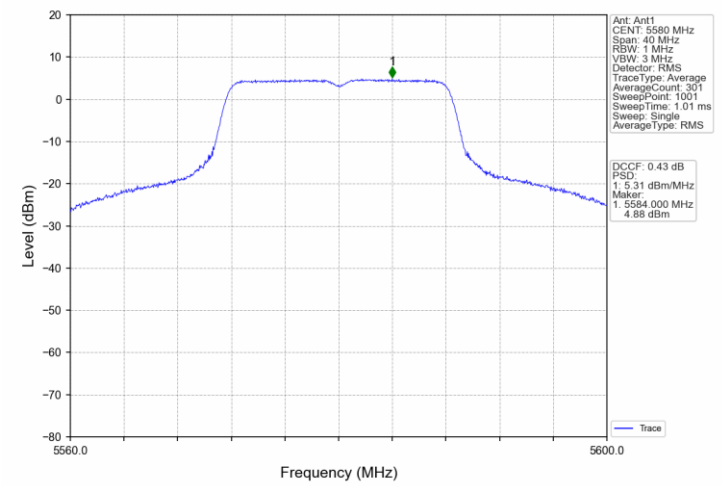
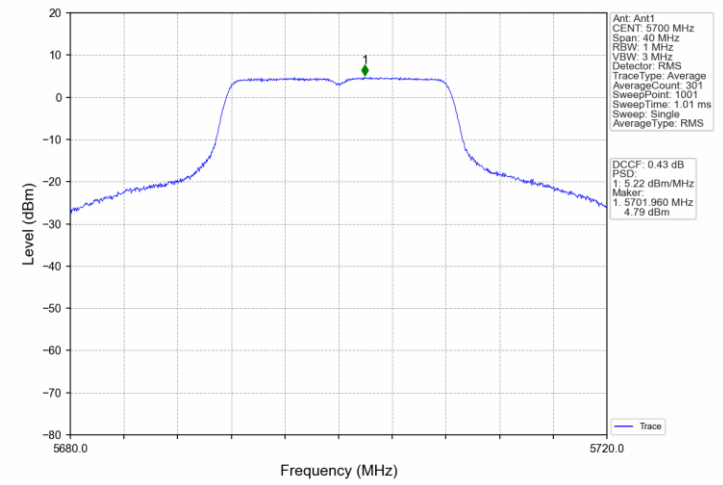


802.11a_HCH_5700MHz_Ant1_NTNV



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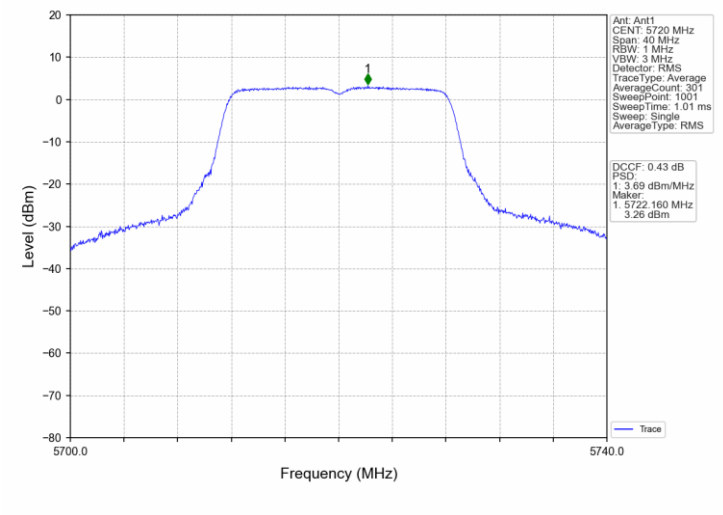
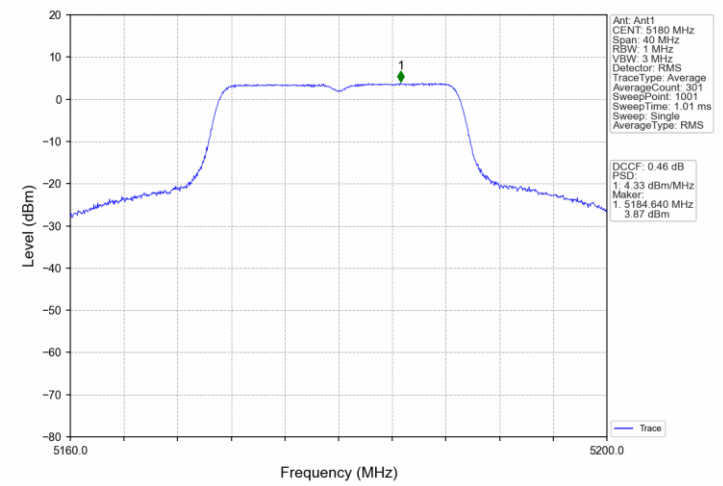
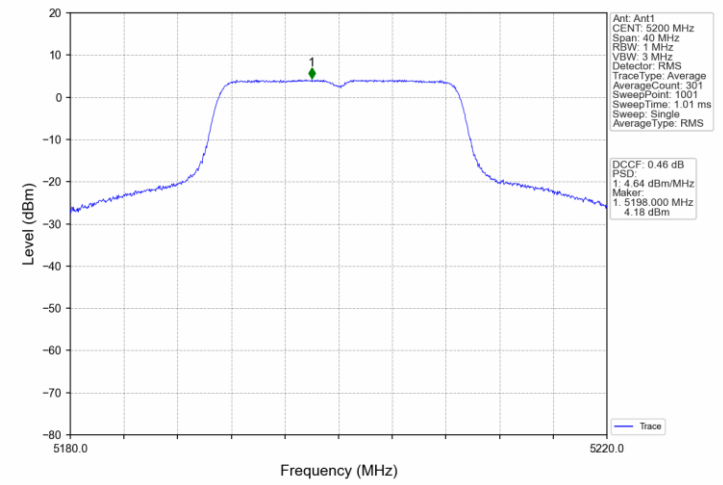
802.11a_HCH_5720MHz_Ant1_NTNV



802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



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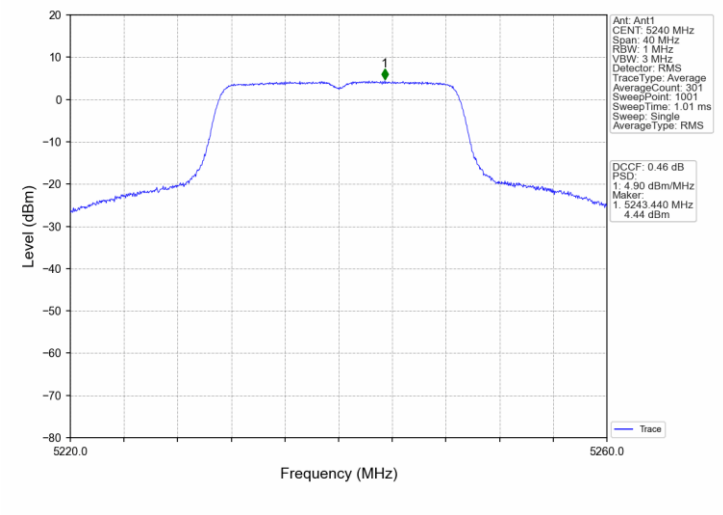
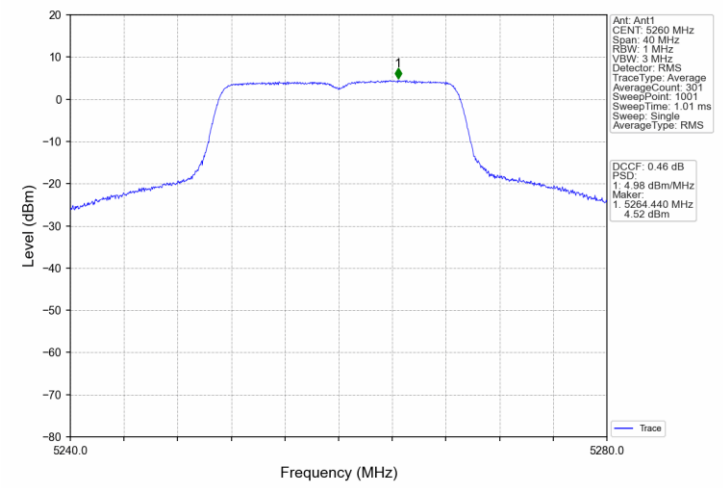
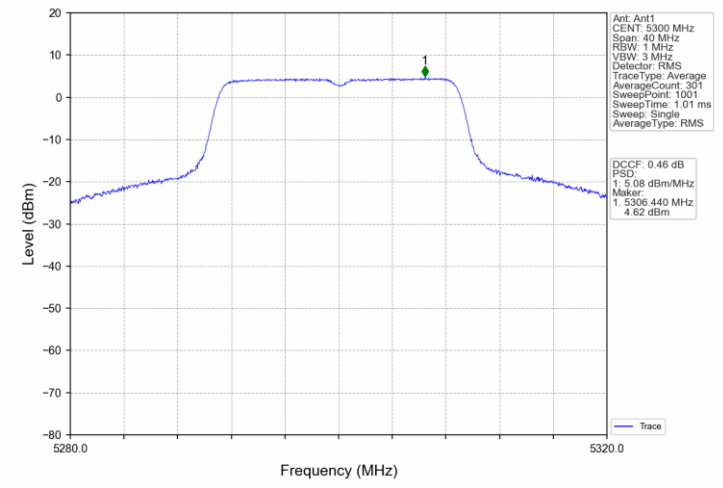
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



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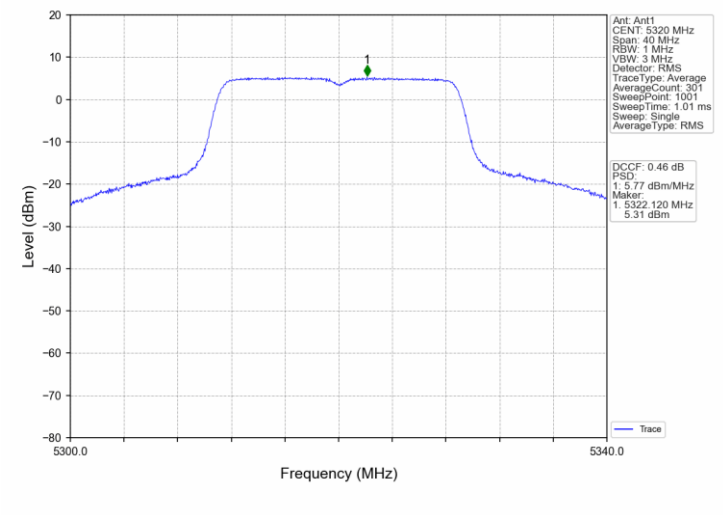
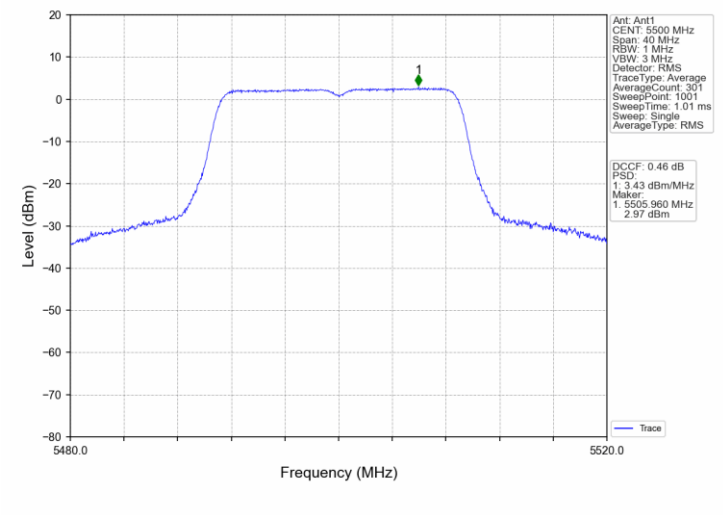
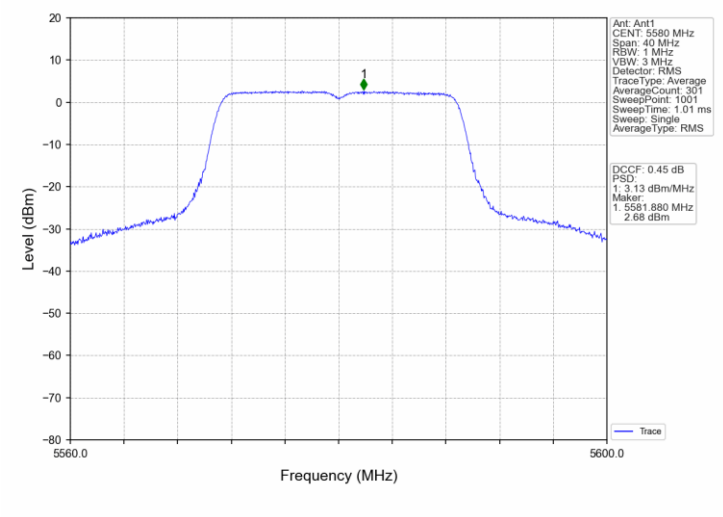
802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



802.11n(HT20)_MCH_5580MHz_Ant1_NTNV



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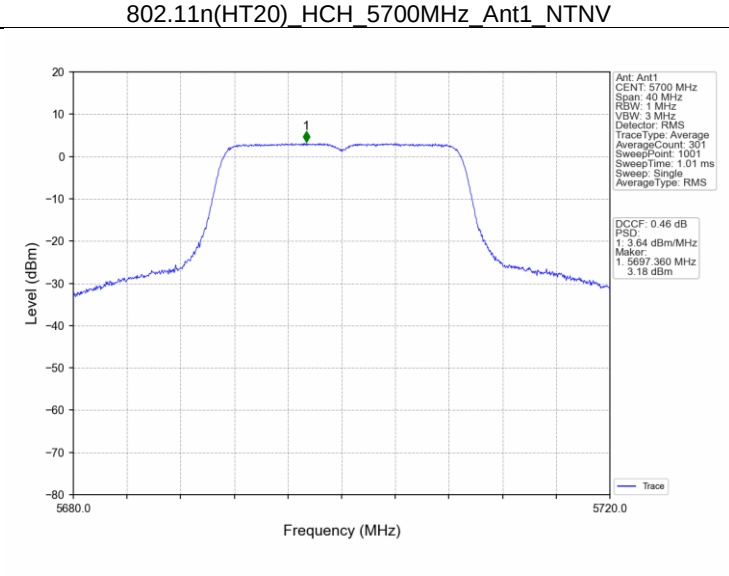
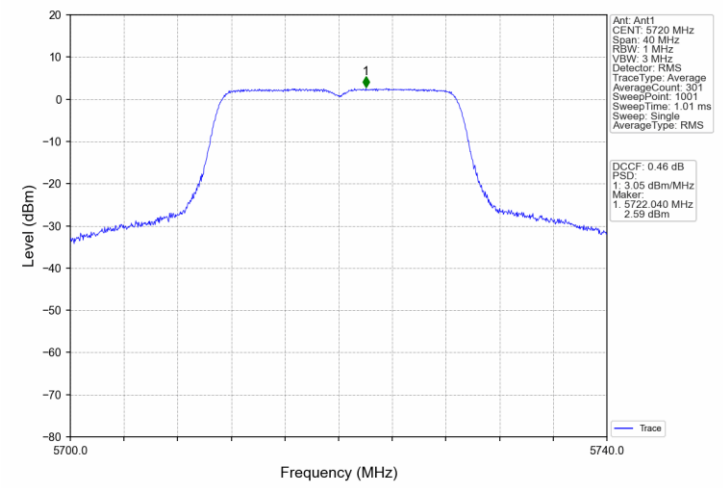
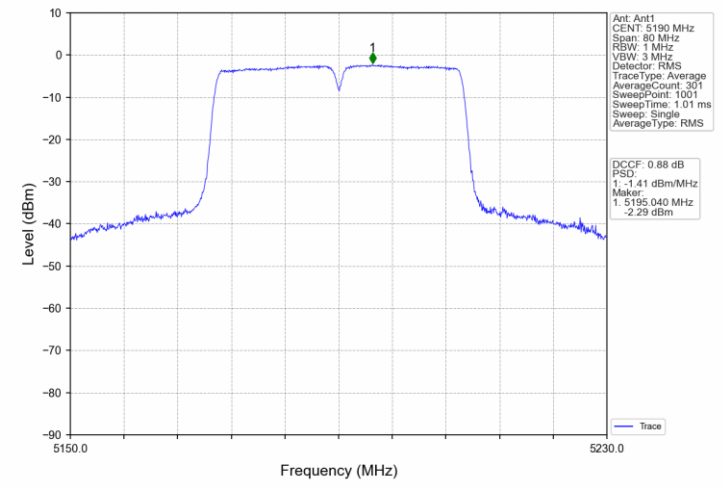
802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



802.11n(HT20)_HCH_5720MHz_Ant1_NTNV



802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



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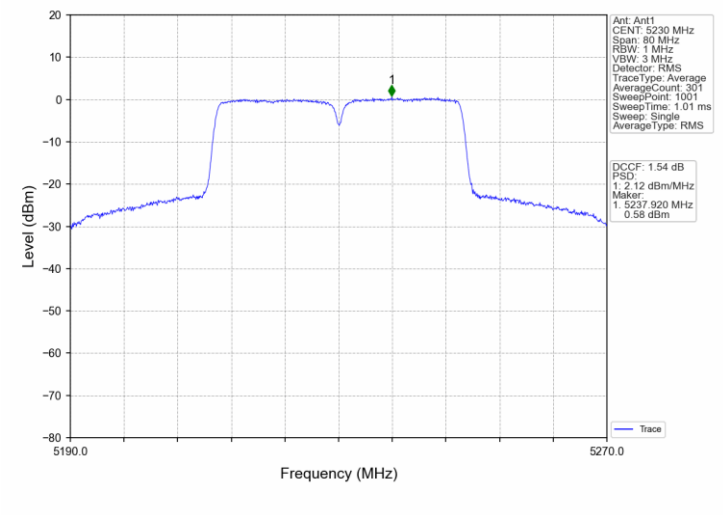
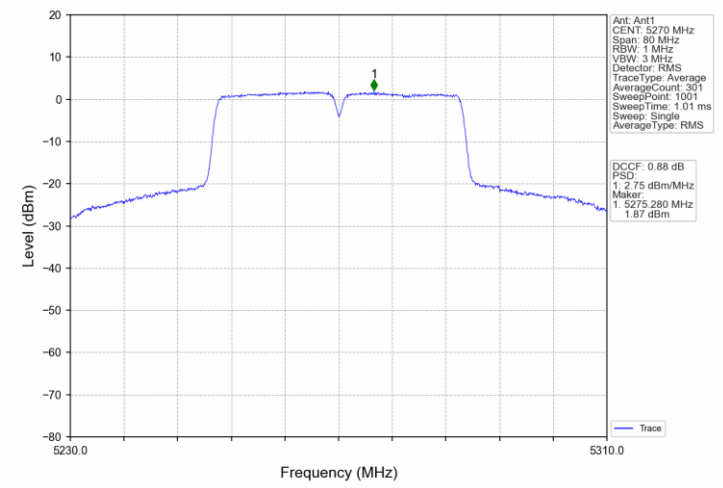
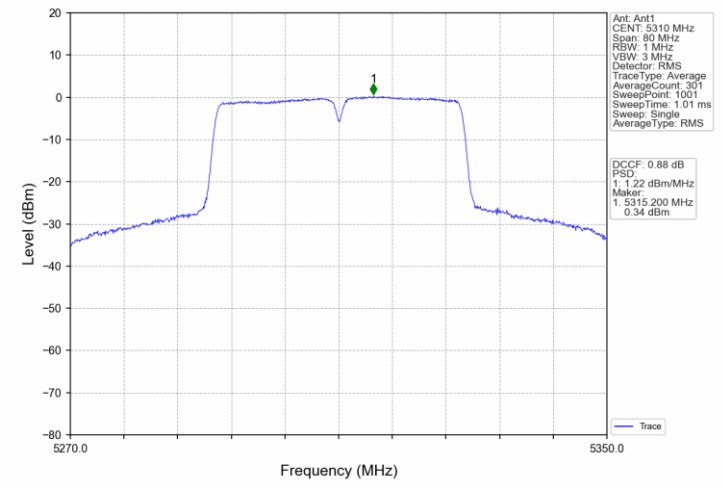
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



802.11n(HT40)_LCH_5270MHz_Ant1_NTNV



802.11n(HT40)_HCH_5310MHz_Ant1_NTNV



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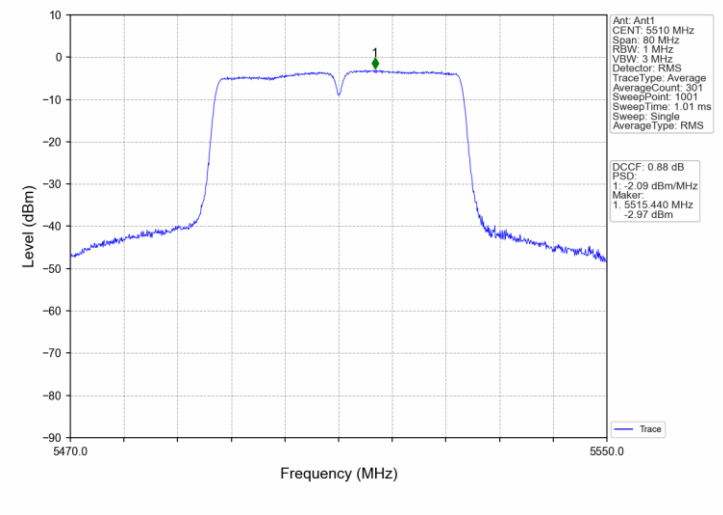
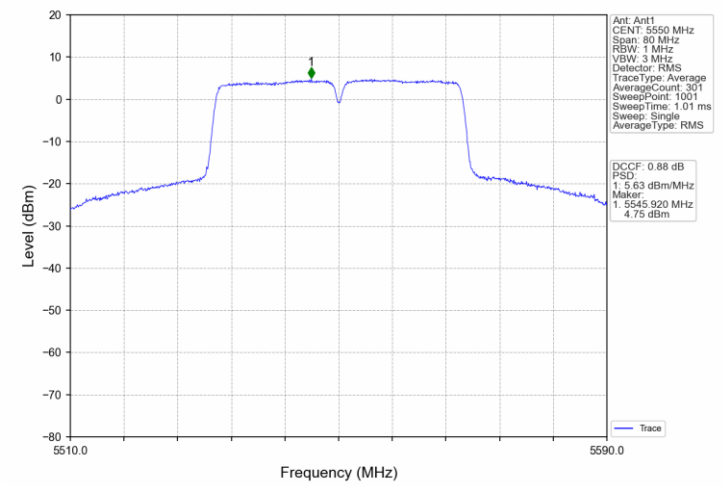
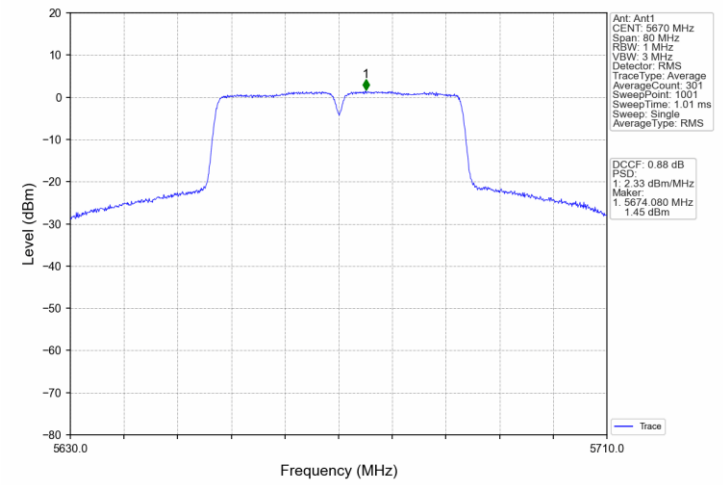
802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



802.11n(HT40)_MCH_5550MHz_Ant1_NTNV



802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



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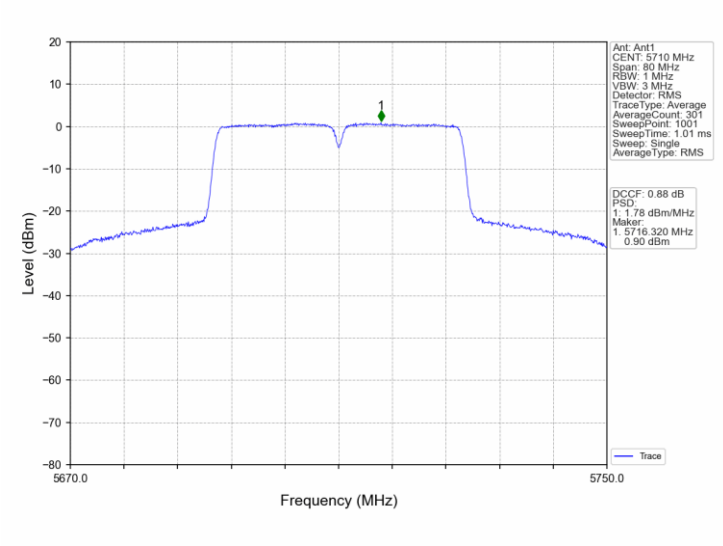
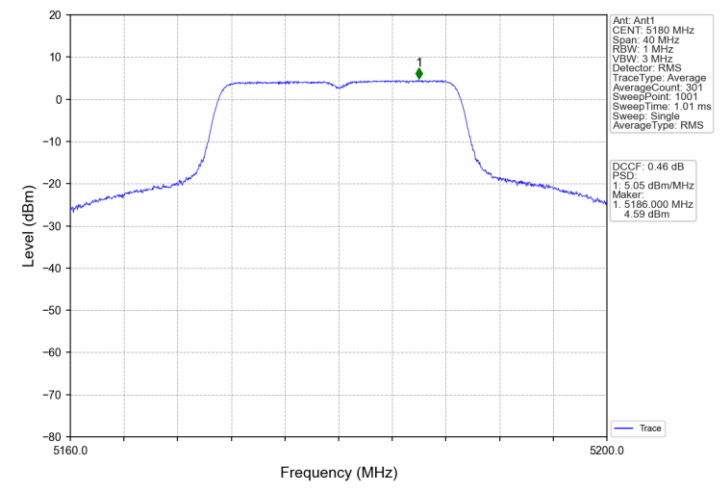
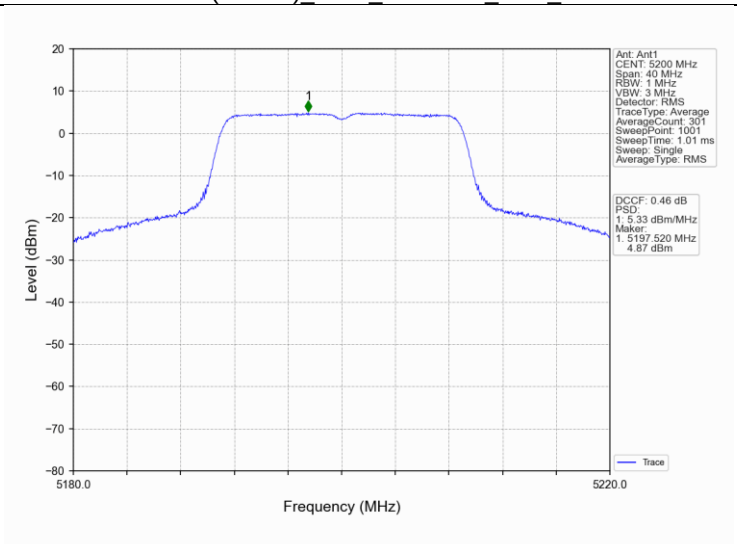
802.11n(HT40)_HCH_5710MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



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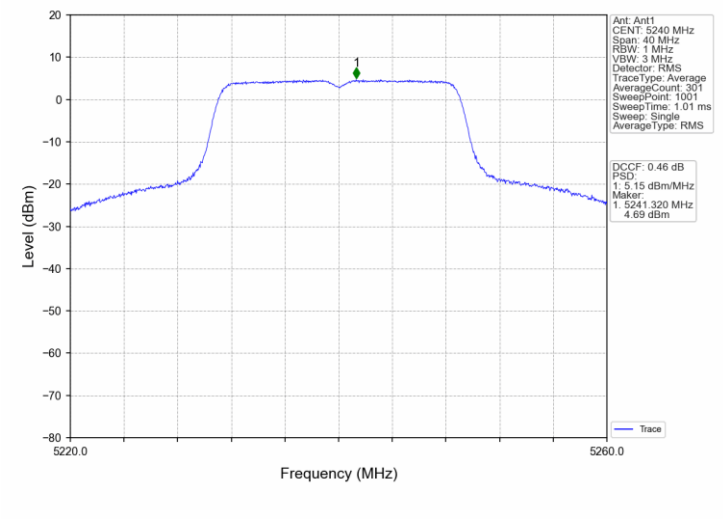
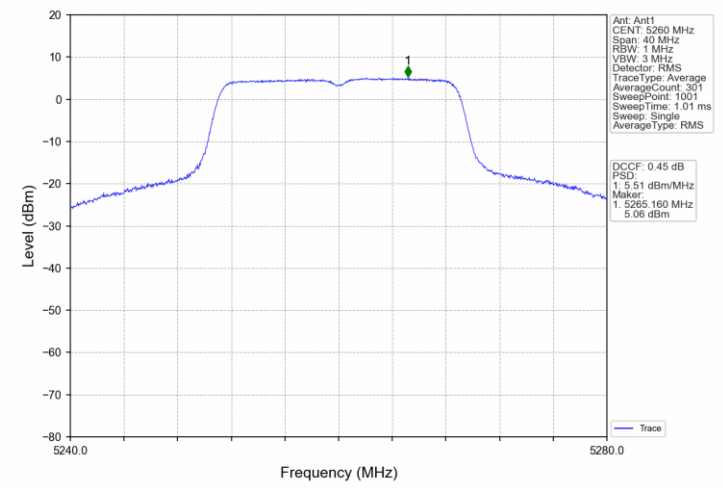
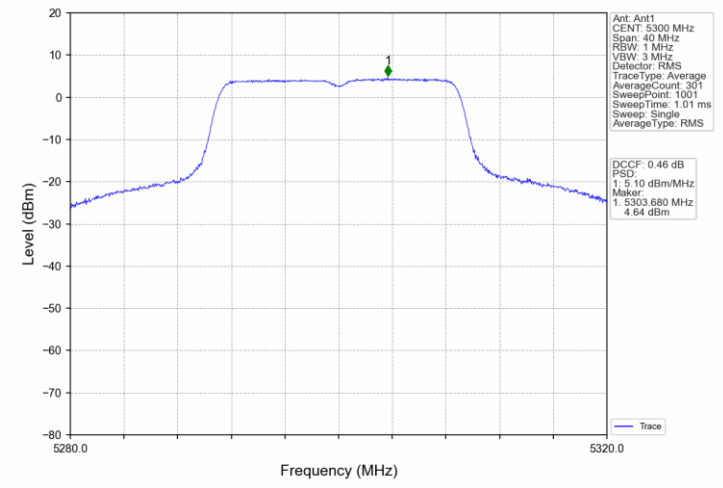
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



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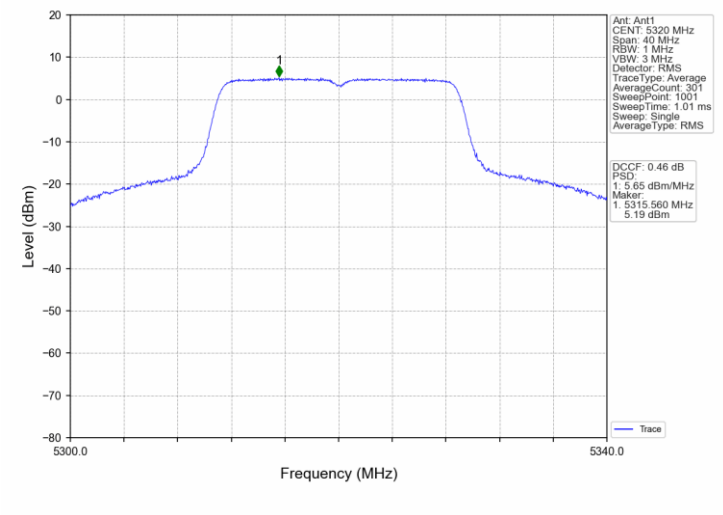
802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



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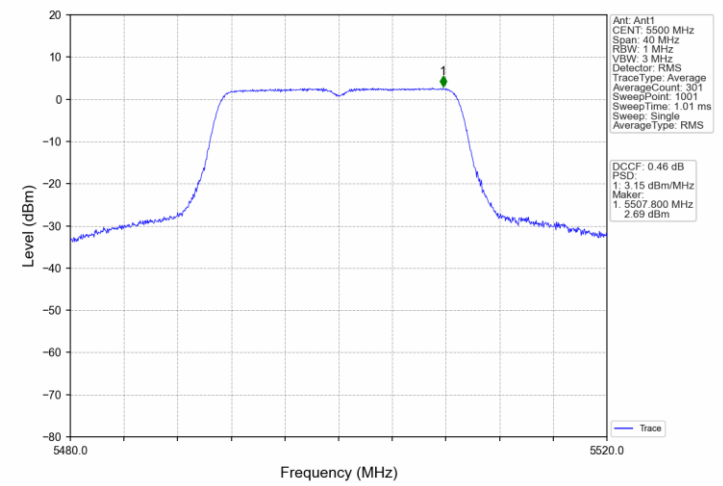

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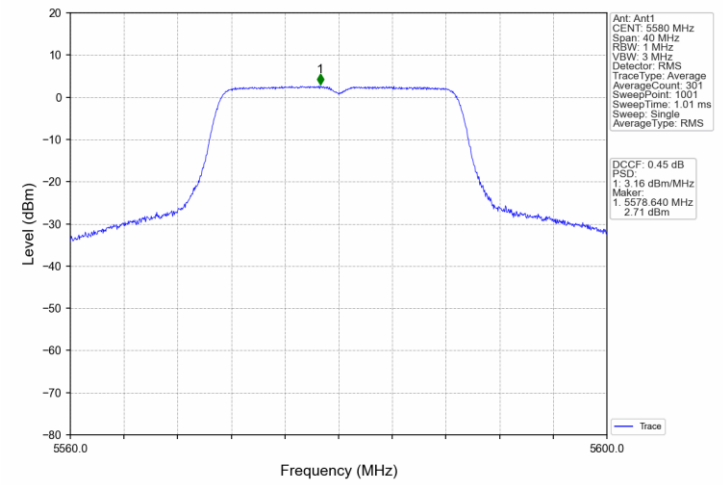

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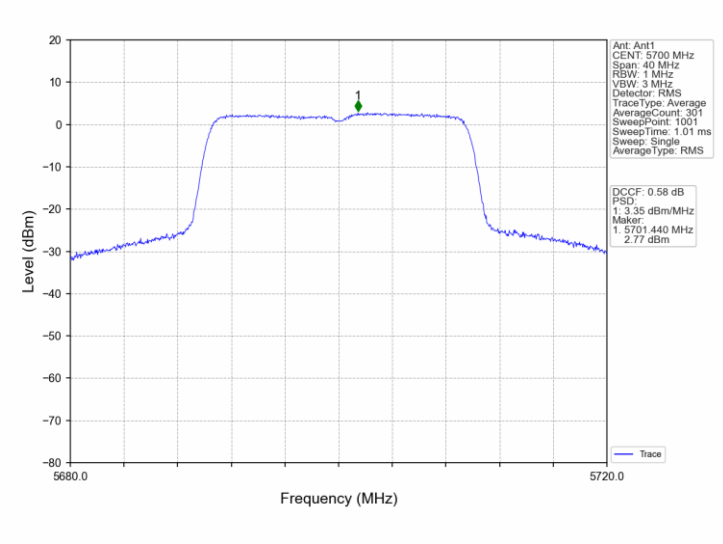
802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



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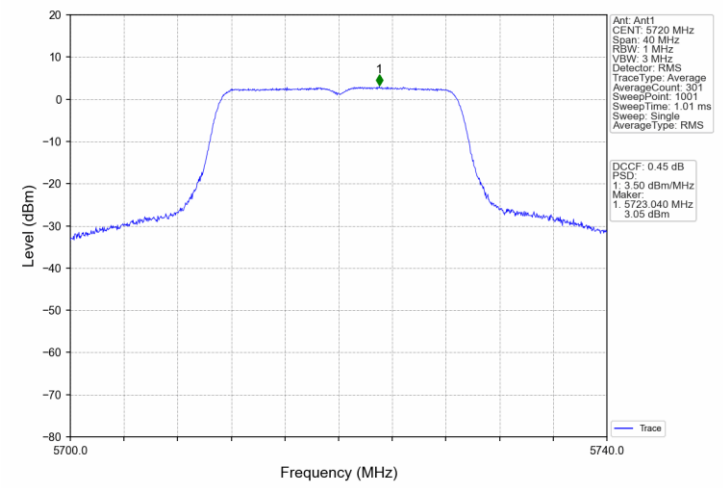

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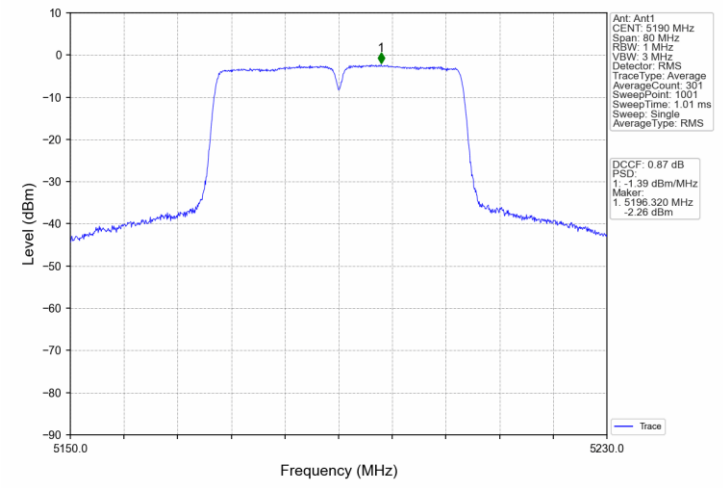

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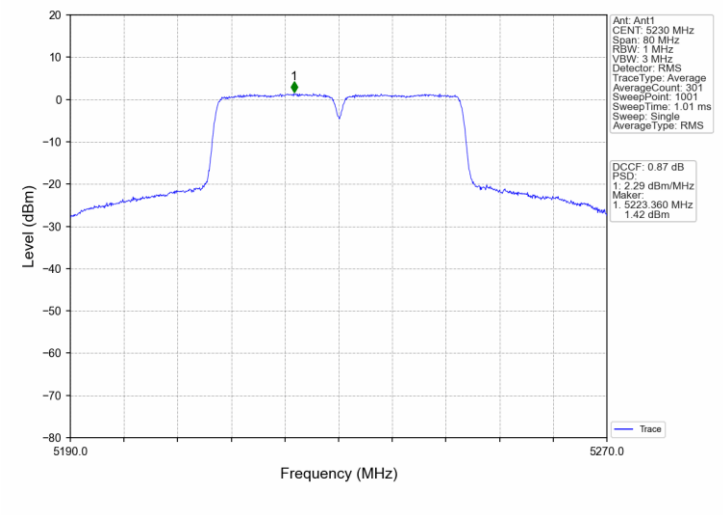
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



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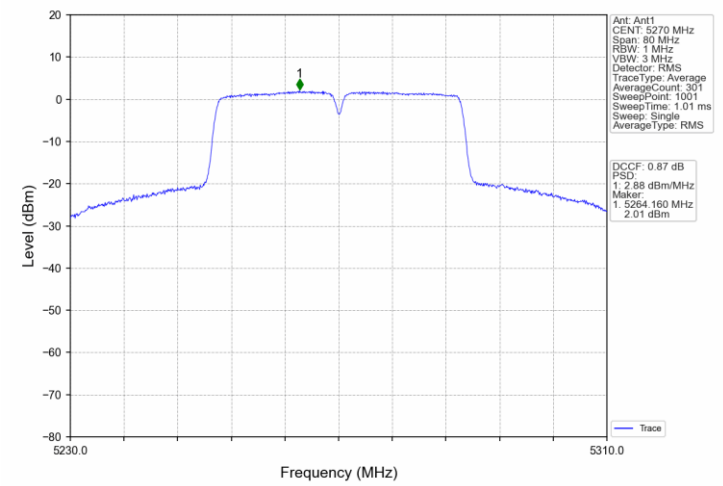
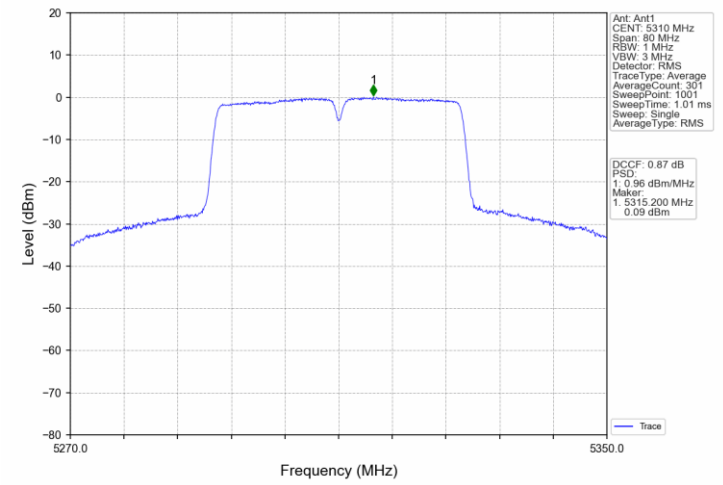


802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



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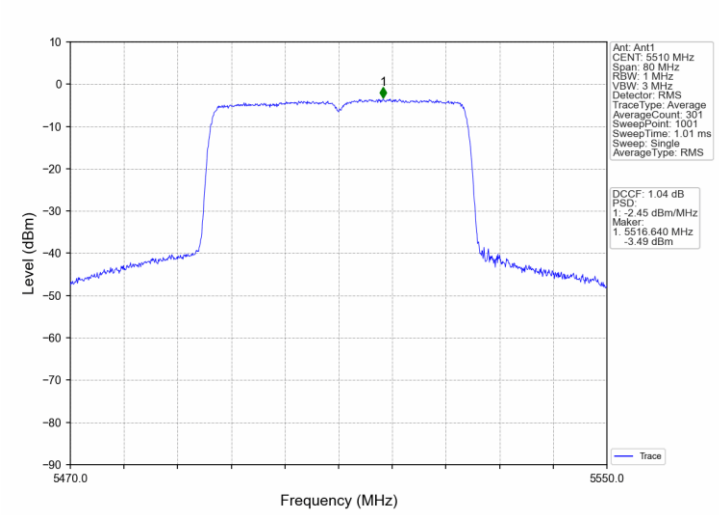
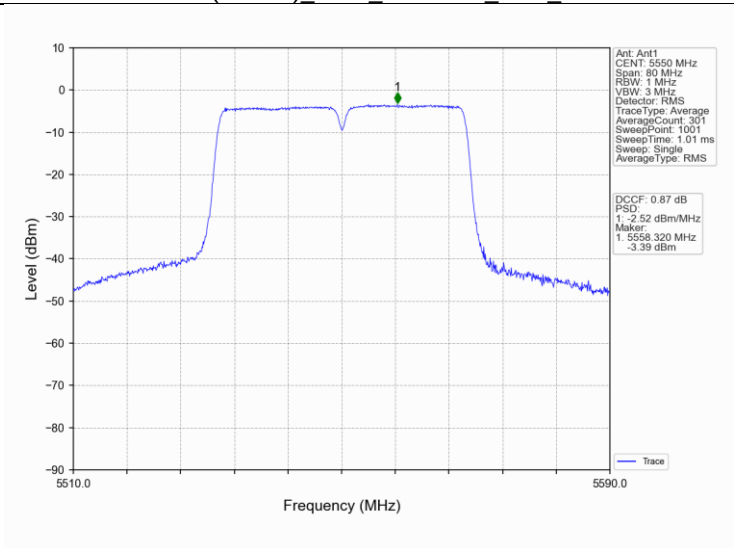
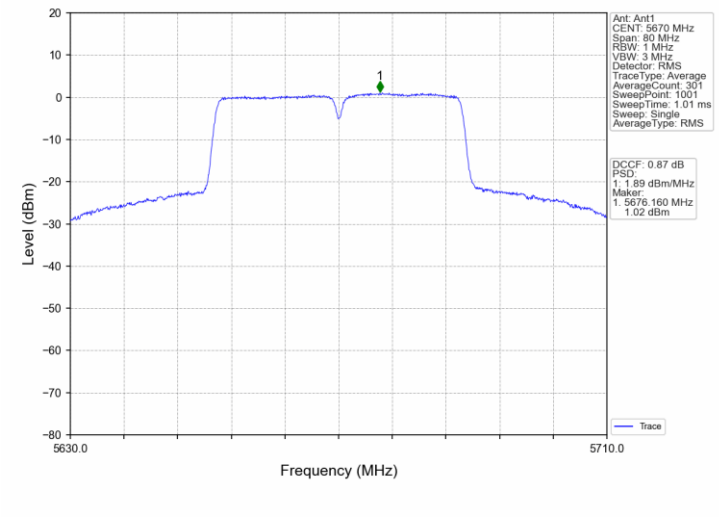
802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



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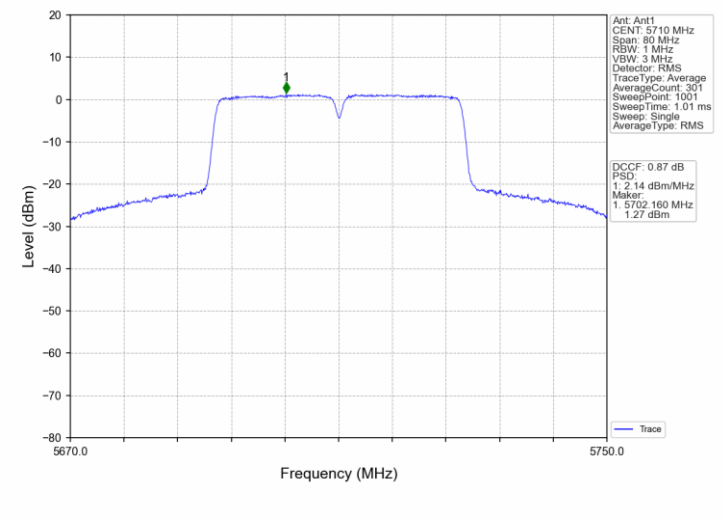
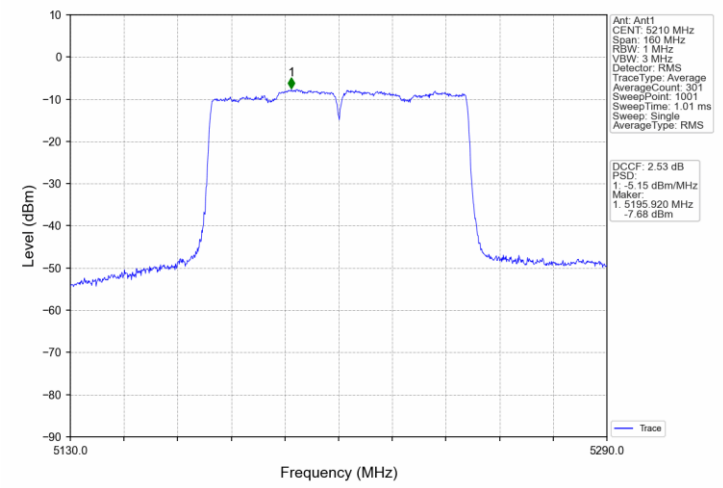
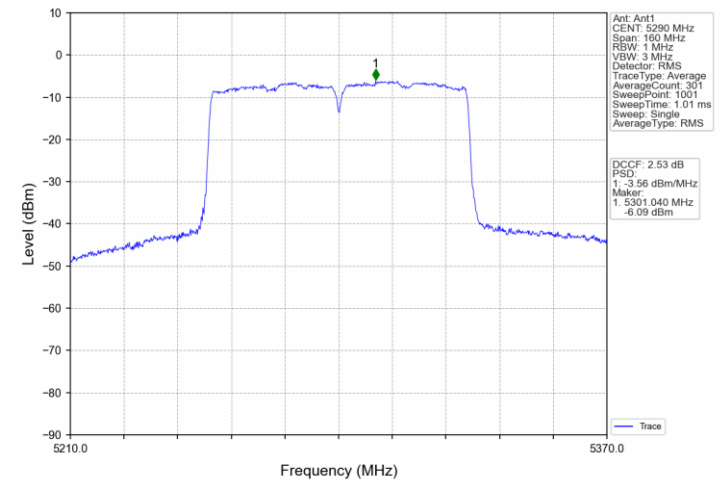
802.11ac(VHT40)_HCH_5710MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



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