Appendix C

RF Test Data for 5G WiFi (Conducted Measurement)

Product Name: Mology Magic Camera

Trade Mark: mology

Test Model: MAO1

Environmental Conditions

Temperature:	25.2℃
Relative Humidity:	51.2%
ATM Pressure:	101Kpa
Test Engineer:	Simba Huang
Supervised by:	Seal Chen

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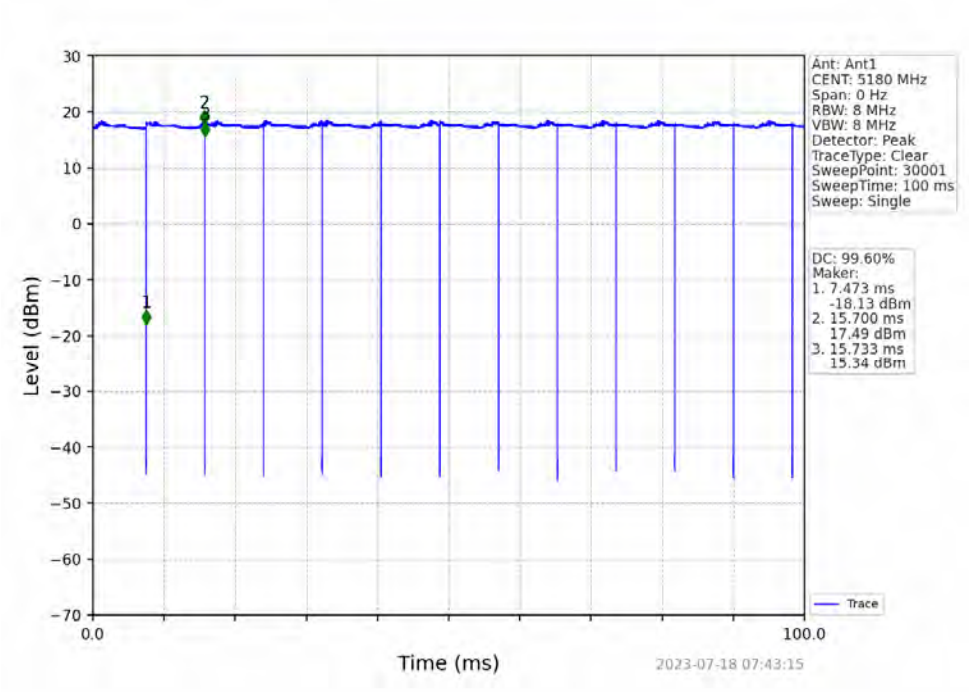
1 Duty Cycle

1.1 Test Result

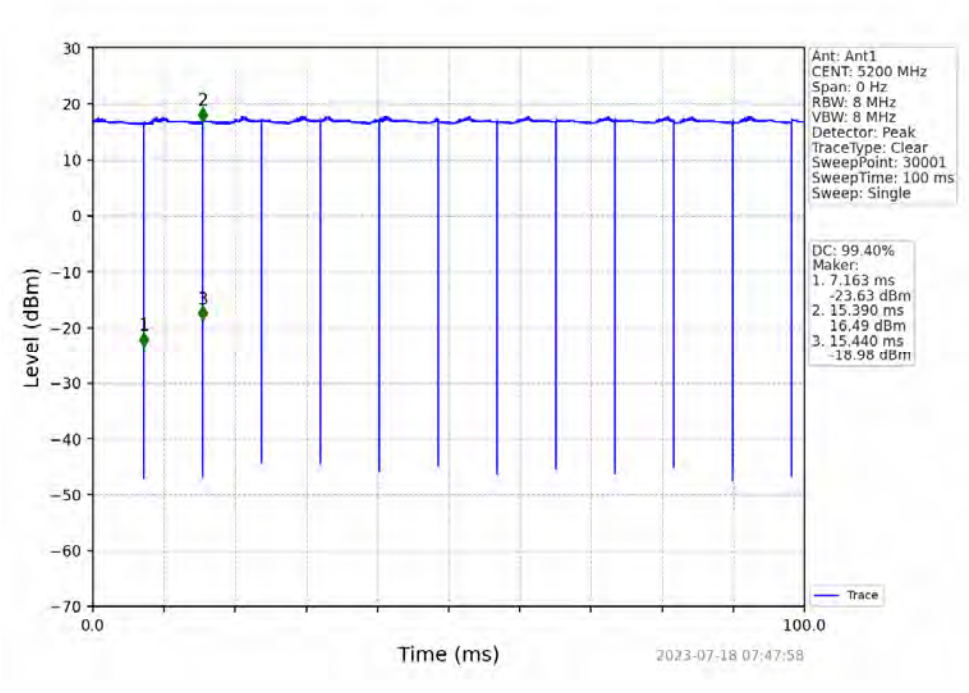
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5180	8.227	8.260	99.60	0.02	0.04
		5200	8.227	8.277	99.40	0.03	0.00
		5240	8.227	8.277	99.40	0.03	0.00
		5745	8.226	8.326	98.80	0.05	0.04
		5785	8.227	8.277	99.40	0.03	0.00
		5825	8.226	8.326	98.80	0.05	0.04
802.11n (HT20)	SISO	5180	1.277	1.309	97.56	0.11	0.03
		5200	1.277	1.327	96.23	0.17	0.03
		5240	1.276	1.326	96.23	0.17	0.04
		5745	1.277	1.327	96.23	0.17	0.04
		5785	1.278	1.376	92.88	0.32	0.03
		5825	1.277	1.327	96.23	0.17	0.04
802.11n (HT40)	SISO	5190	0.637	0.687	92.72	0.33	0.04
		5230	0.637	0.687	92.72	0.33	0.04
		5755	0.637	0.735	86.67	0.62	0.06
		5795	0.637	0.687	92.72	0.33	0.04
802.11ac (VHT20)	SISO	5180	1.285	1.318	97.50	0.11	0.03
		5200	1.284	1.334	96.25	0.17	0.03
		5240	1.285	1.592	80.72	0.93	15.57
		5745	1.285	1.335	96.25	0.17	0.03
		5785	1.285	1.335	96.25	0.17	0.03
		5825	1.285	1.334	96.33	0.16	0.04
802.11ac (VHT40)	SISO	5190	0.641	0.690	92.90	0.32	0.03
		5230	0.641	0.691	92.76	0.33	0.03
		5755	0.641	0.691	92.76	0.33	0.03
		5795	0.642	0.691	92.91	0.32	0.03

1.2 Test Graphs

802.11a_LCH_5180MHz_Ant1_NTNV



802.11a_MCH_5200MHz_Ant1_NTNV



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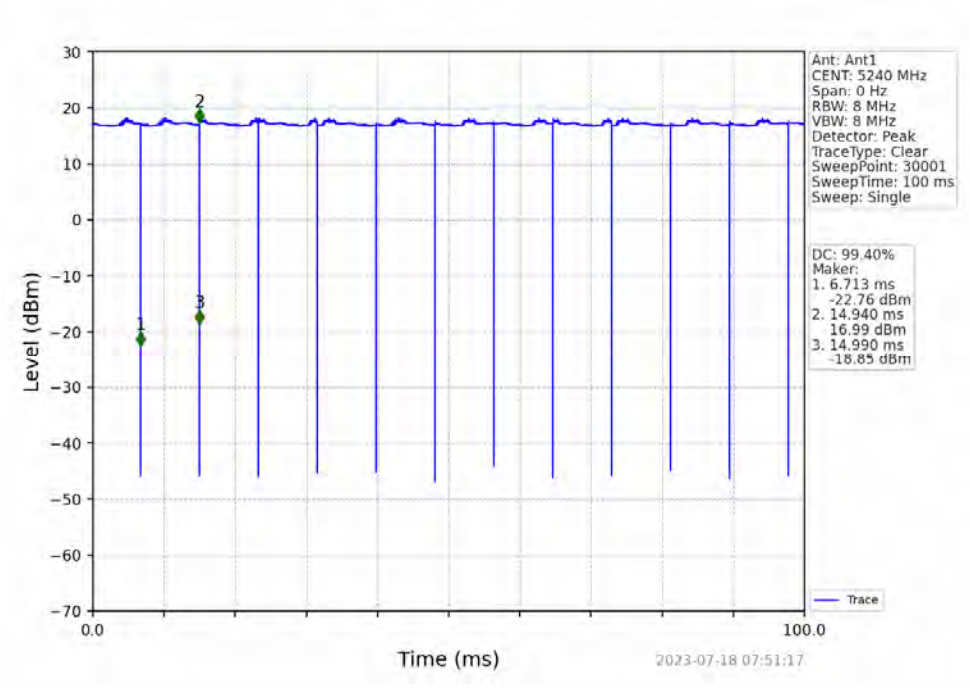

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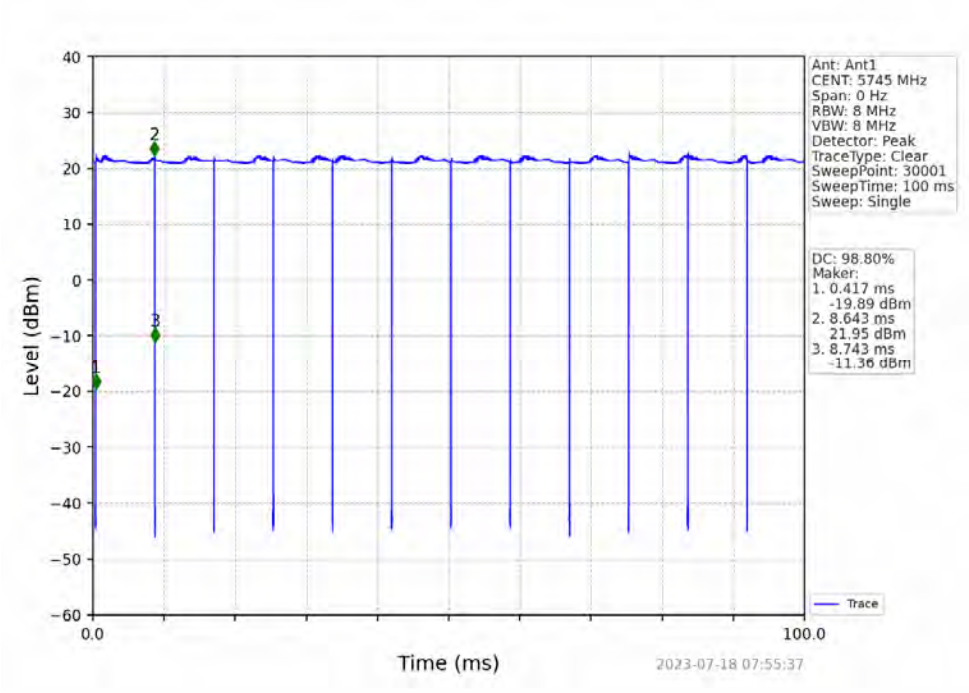
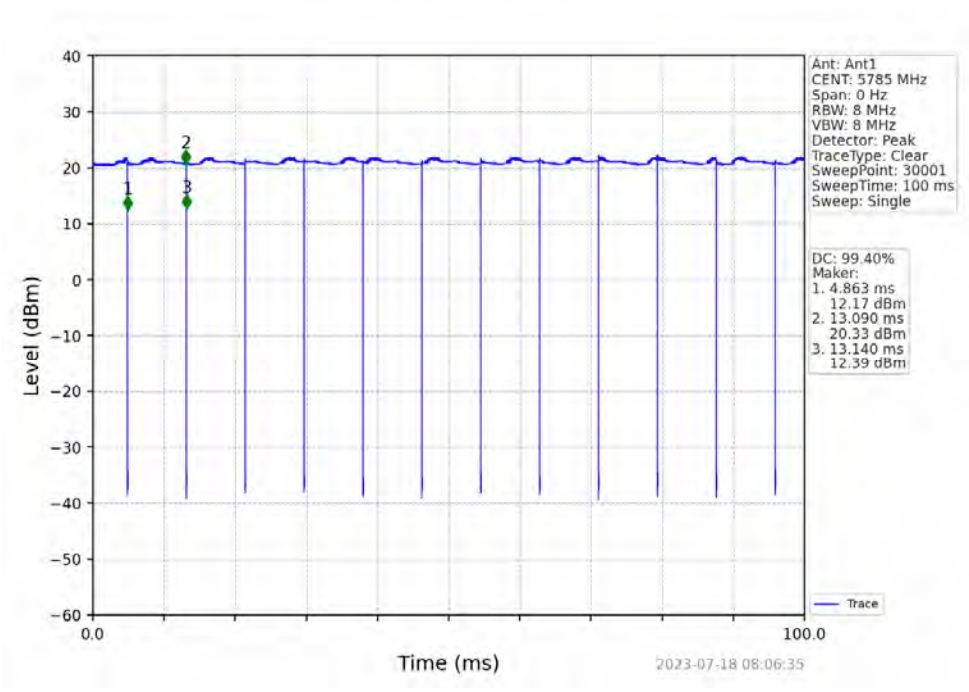
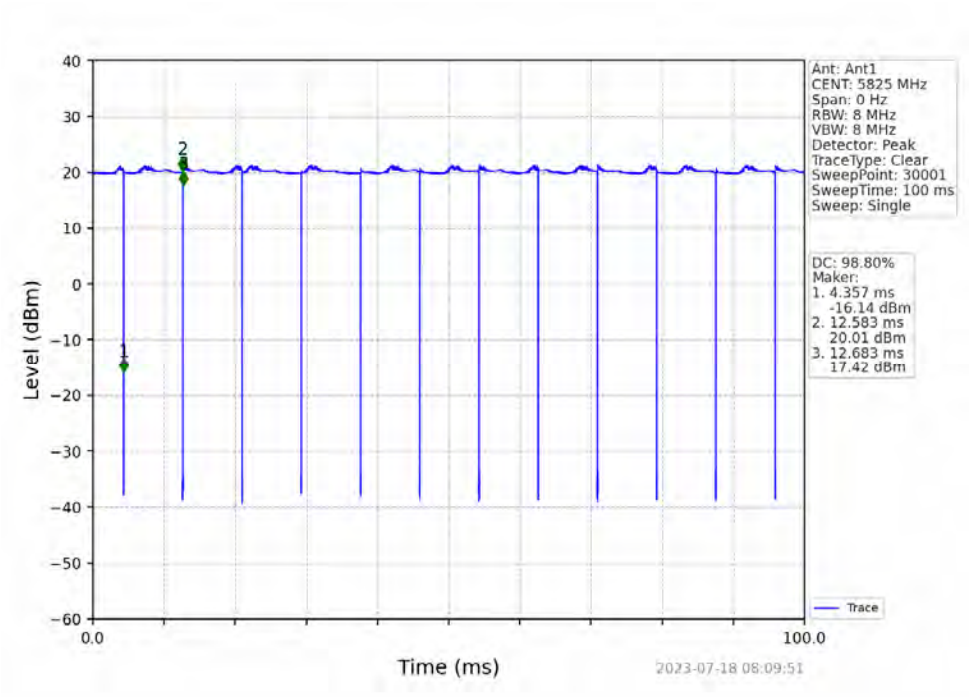


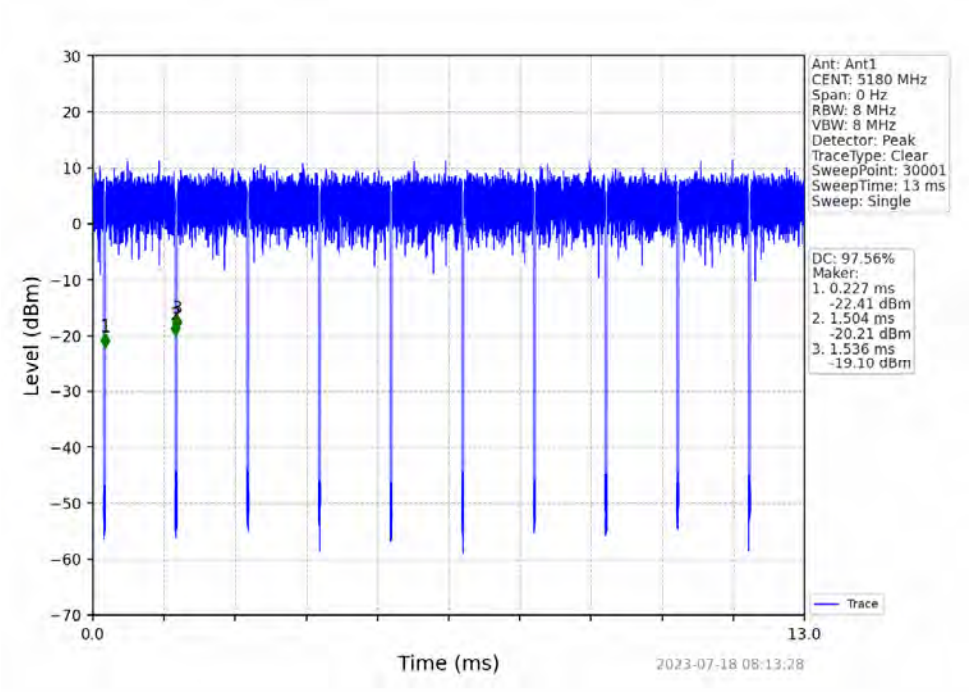
802.11a_MCH_5785MHz_Ant1_NTNV



802.11a_HCH_5825MHz_Ant1_NTNV



802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



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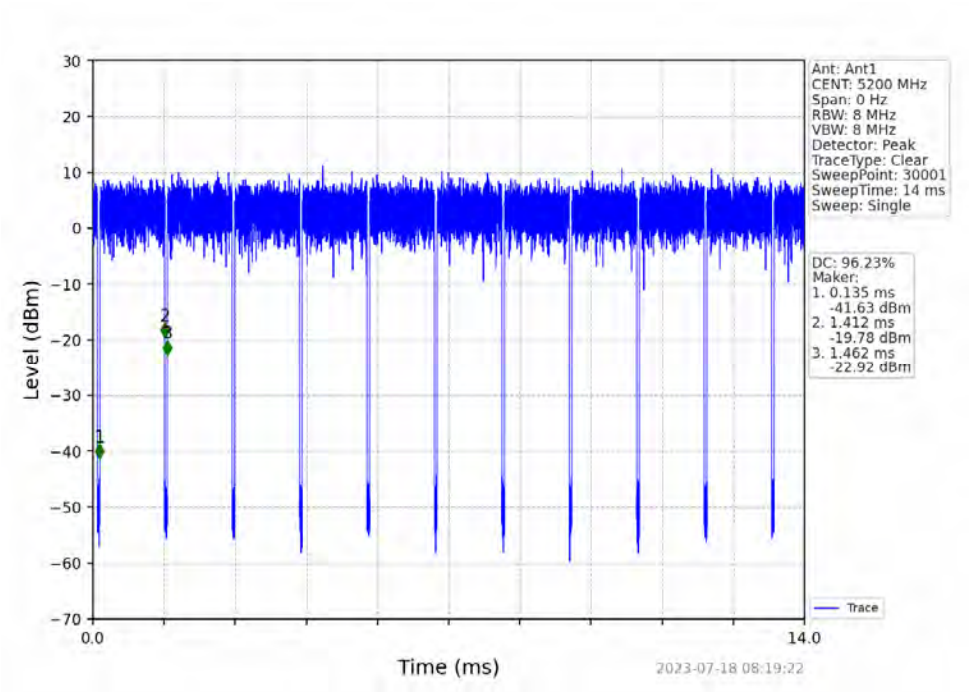

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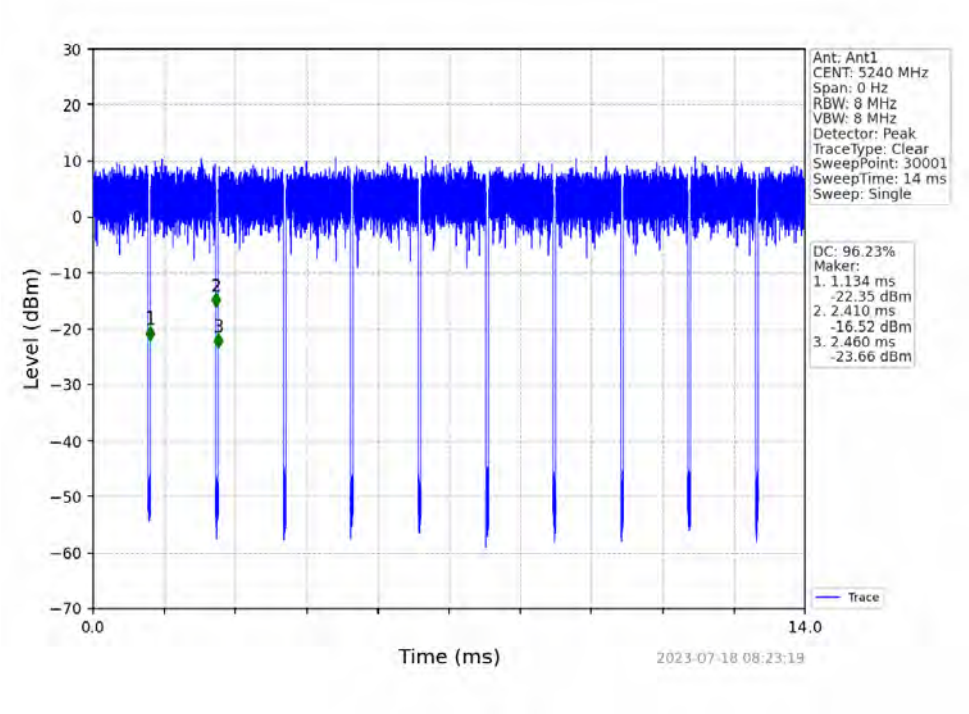
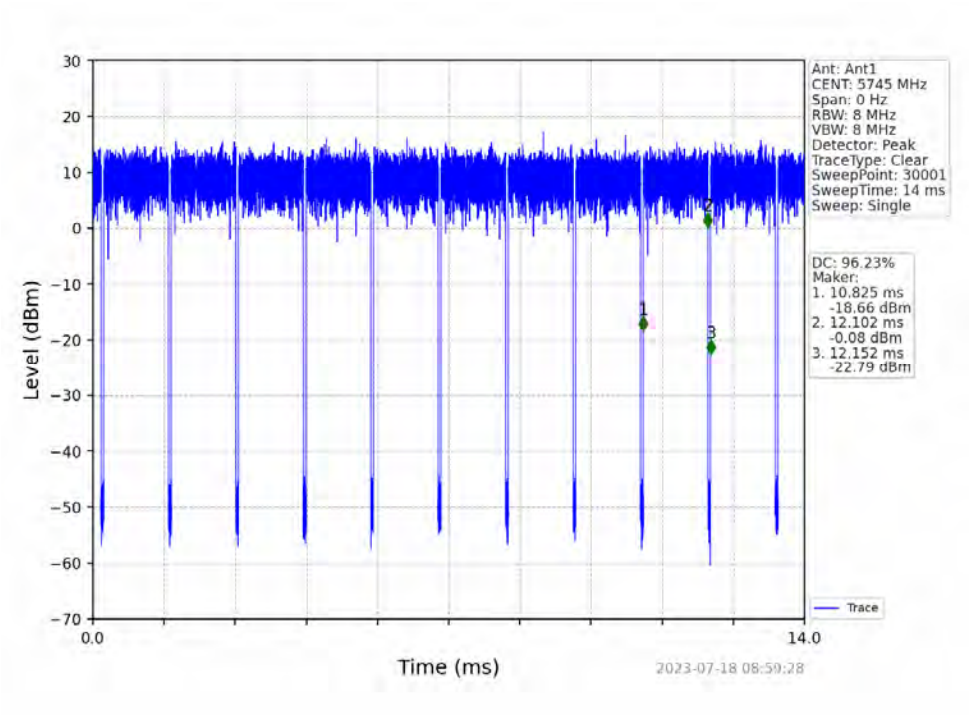
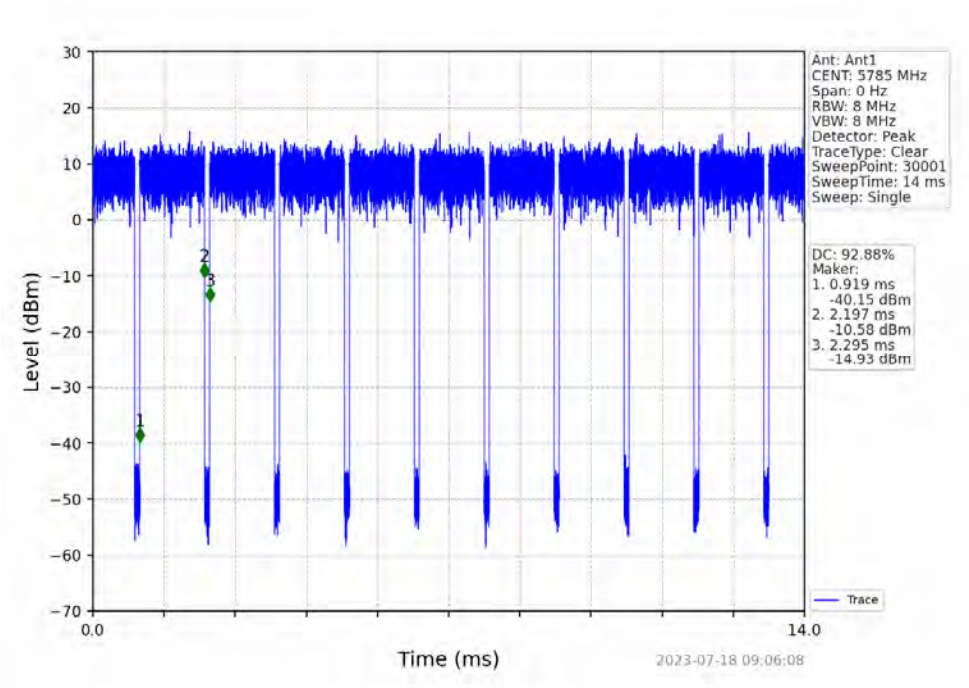


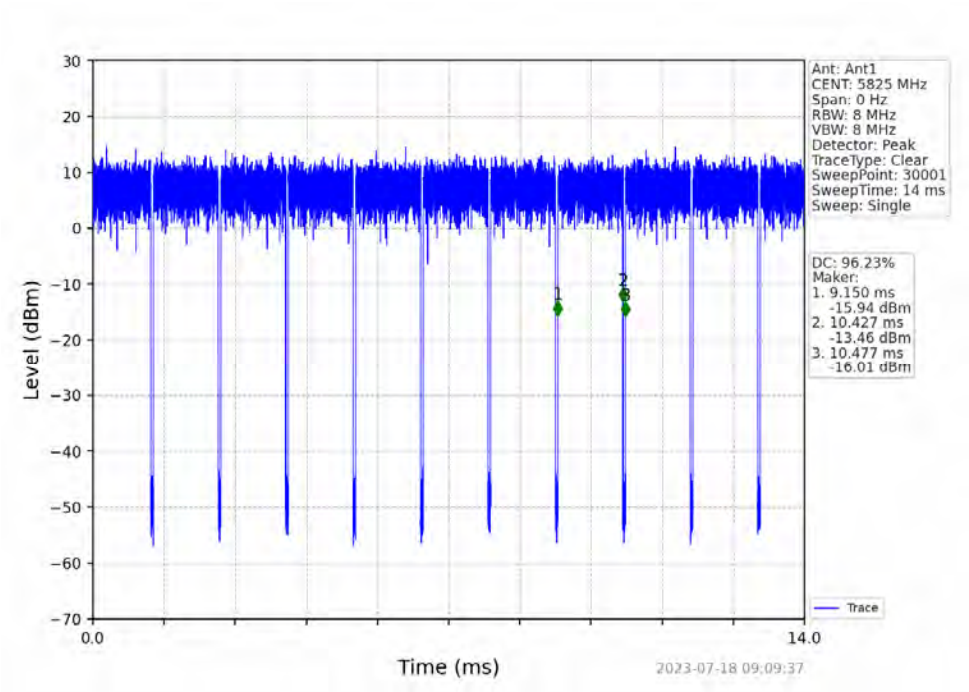
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



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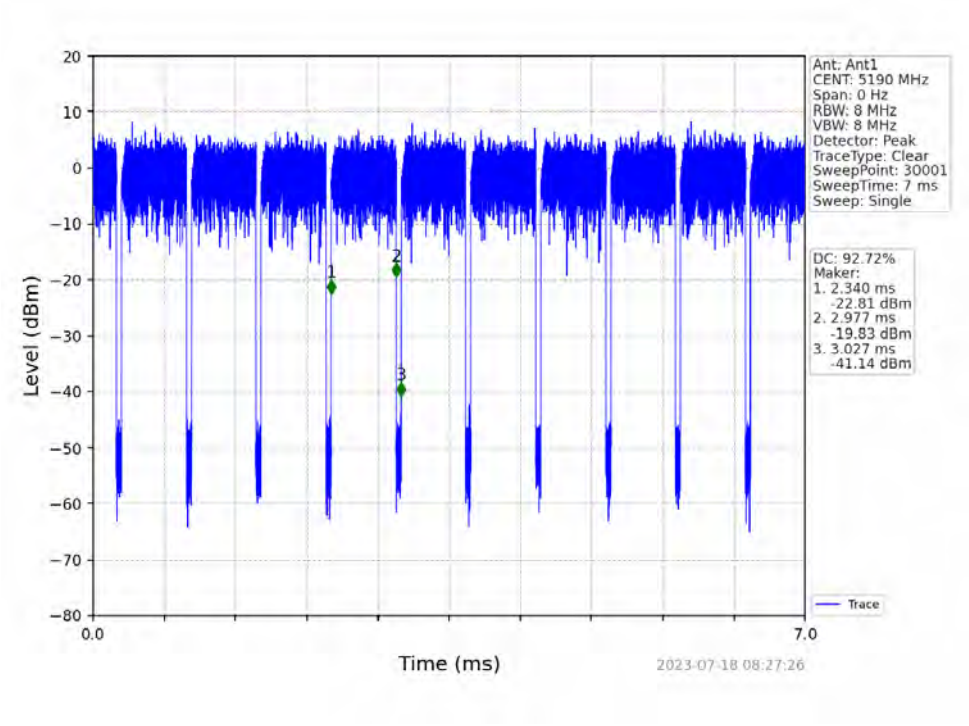

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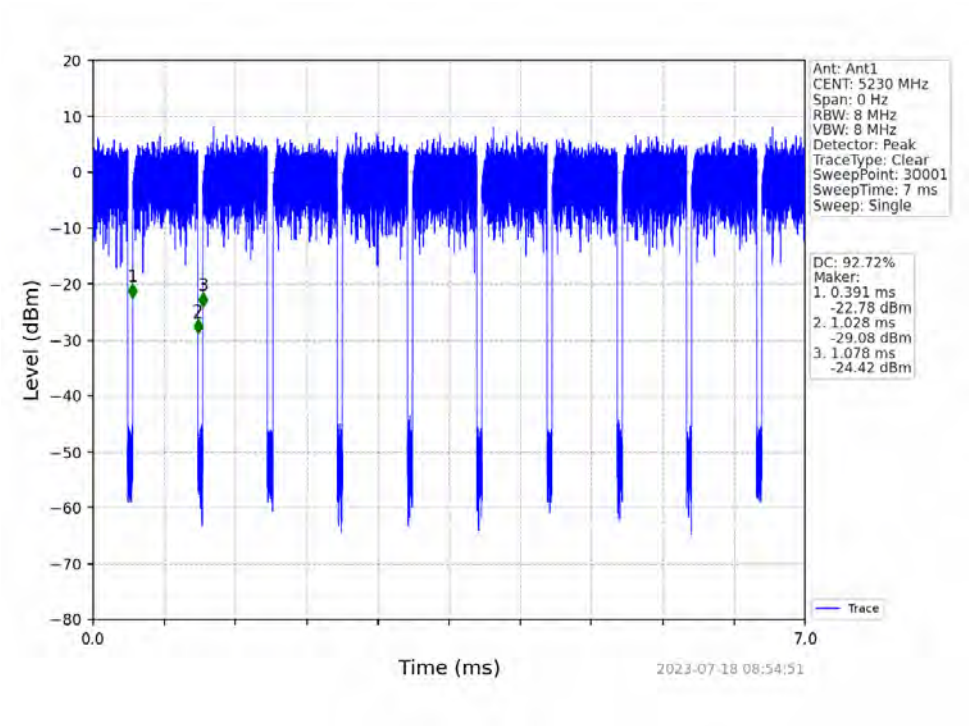
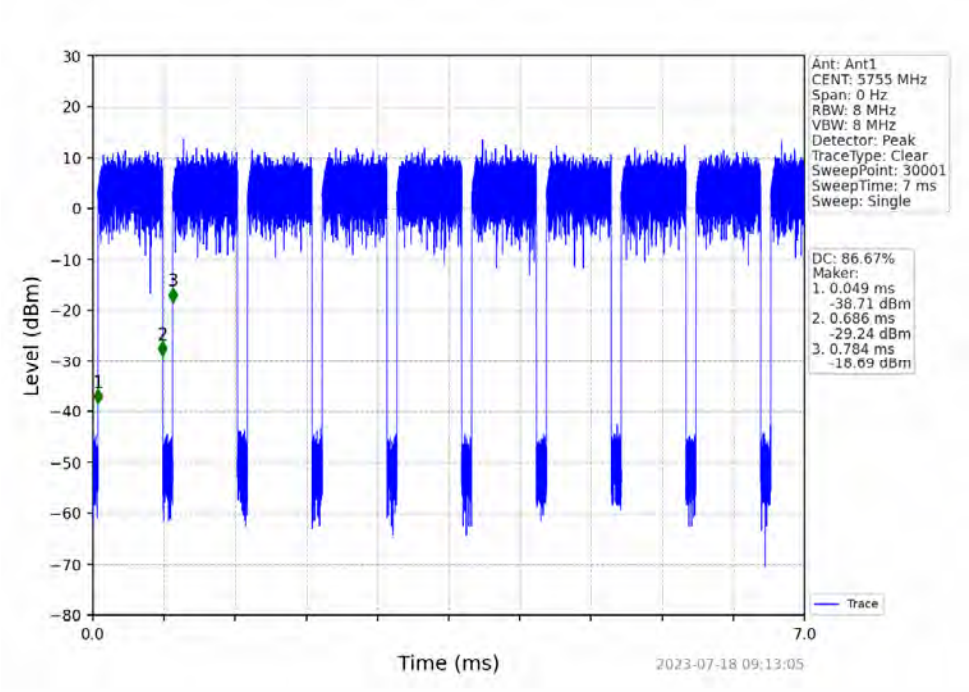


802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



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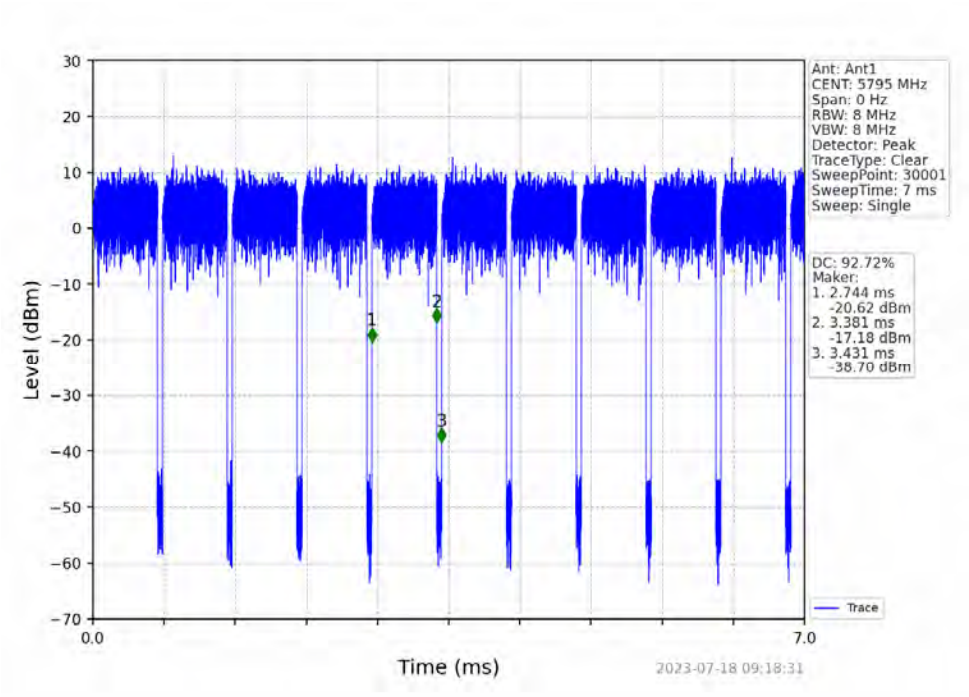
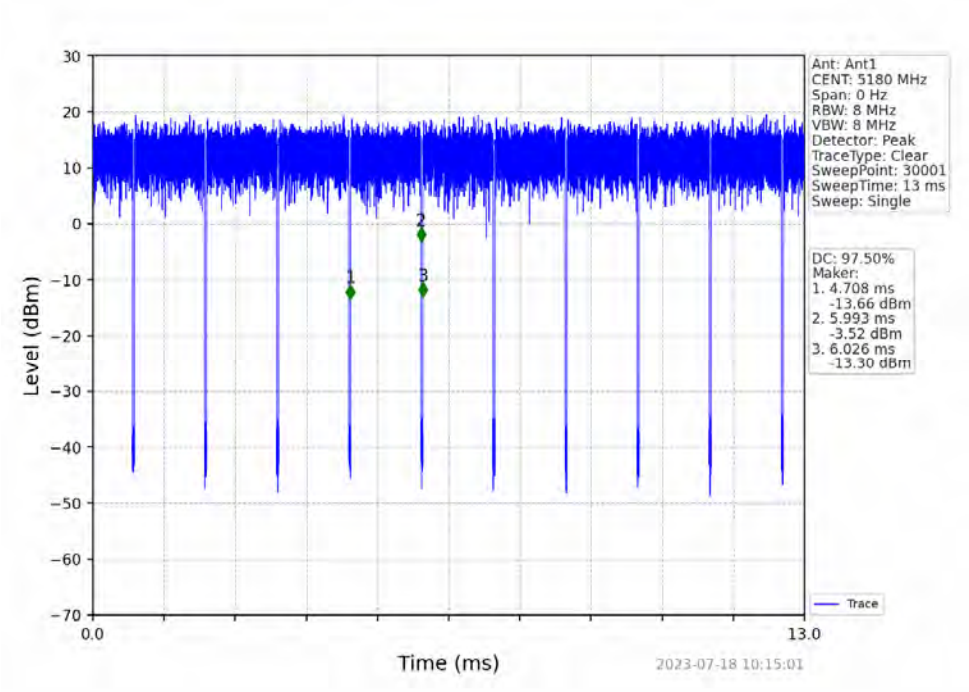
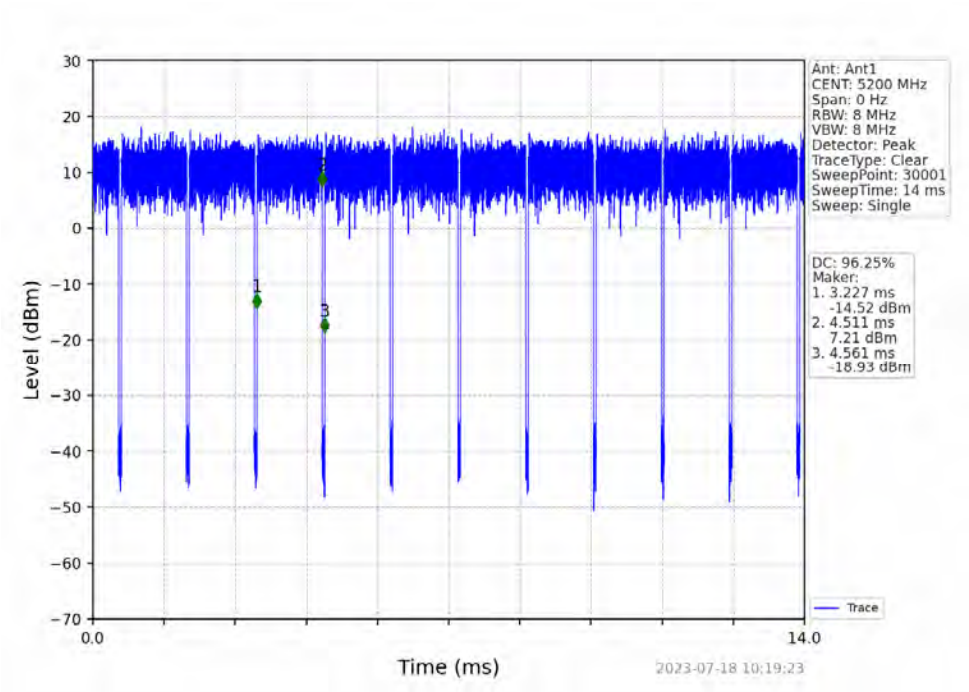


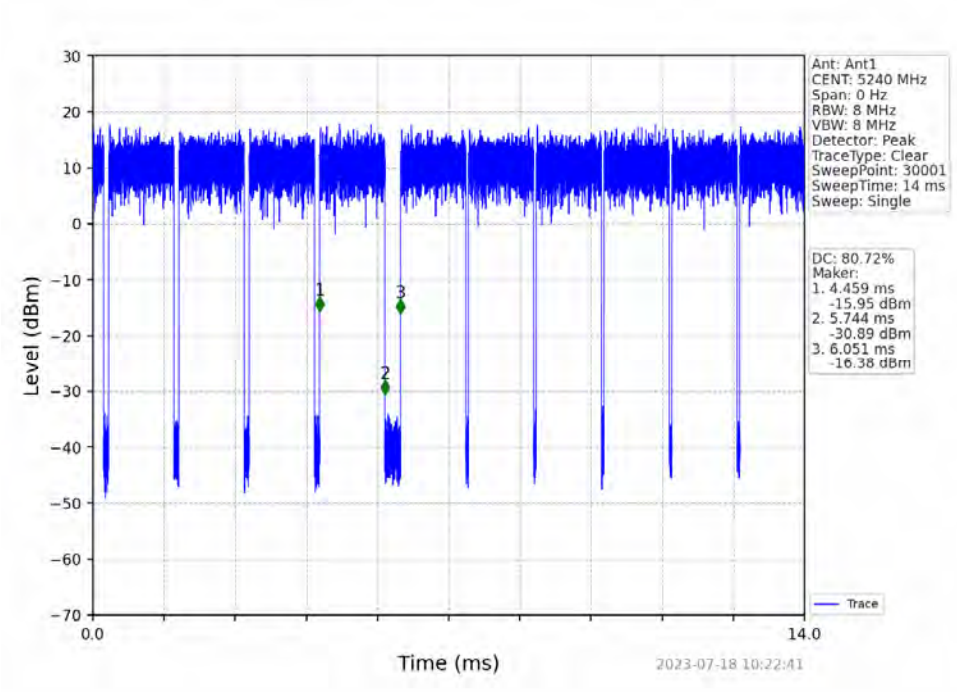
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



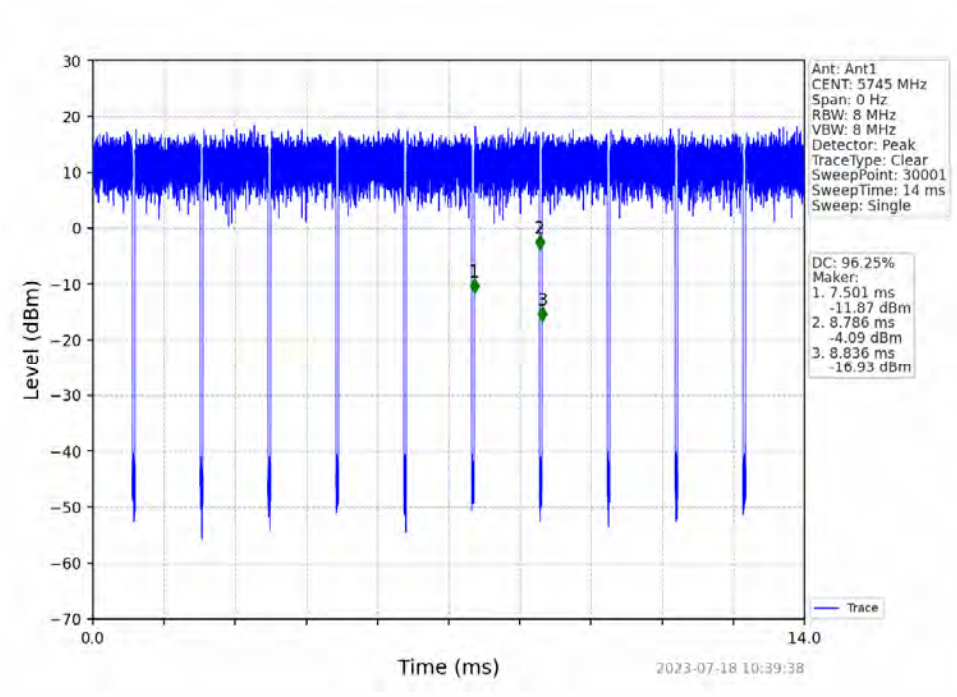
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



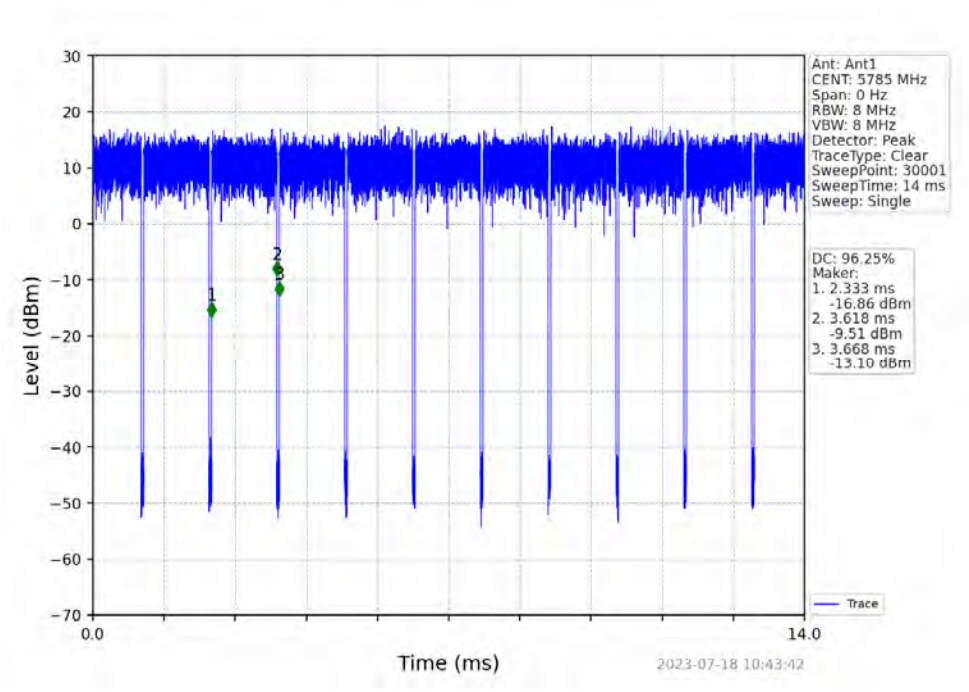
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



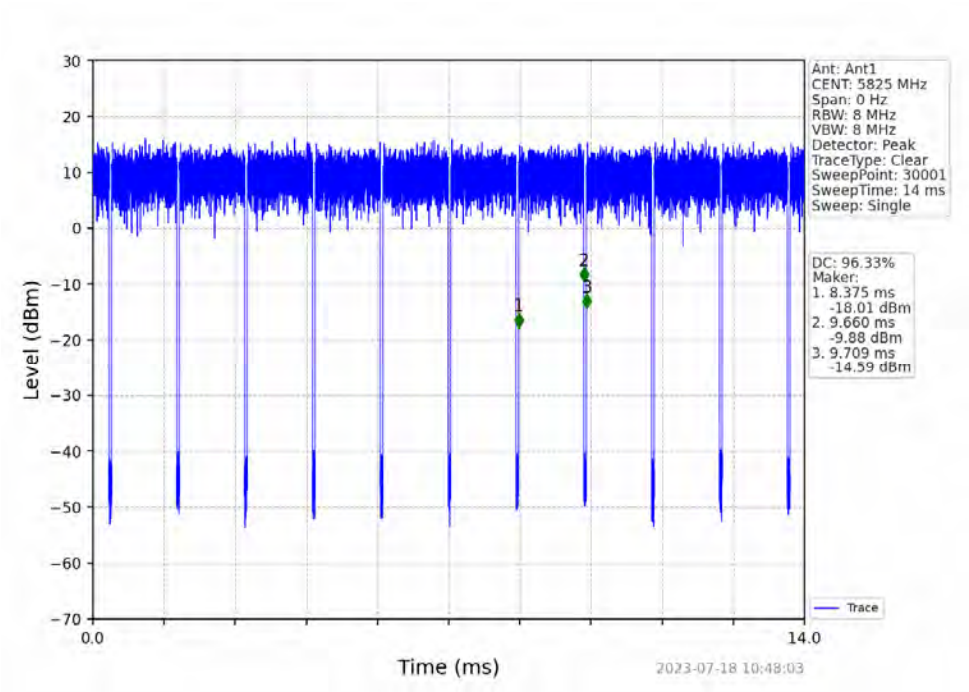
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



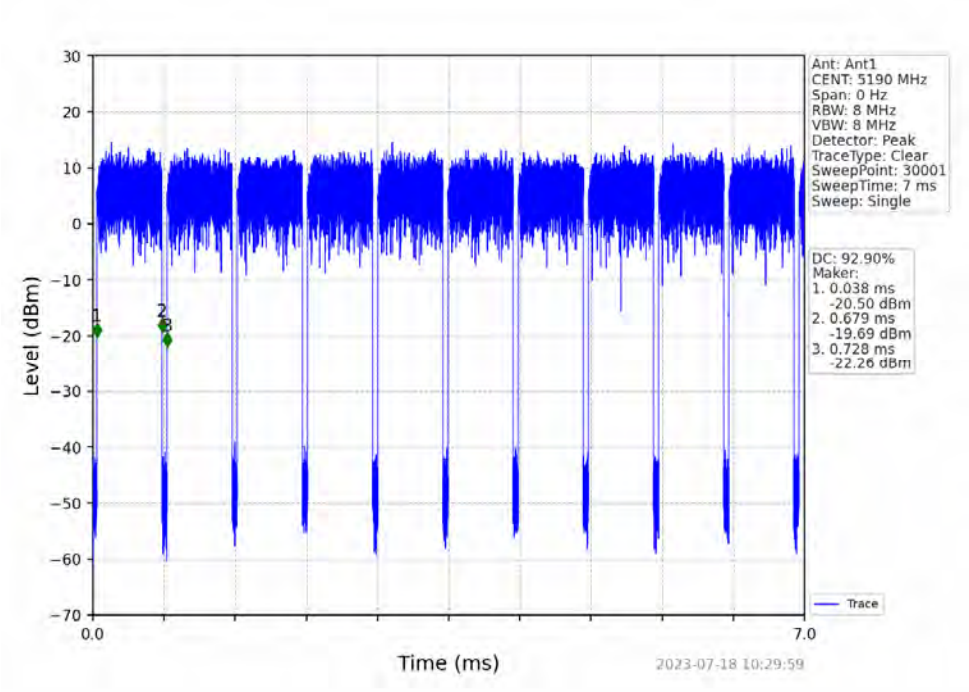
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



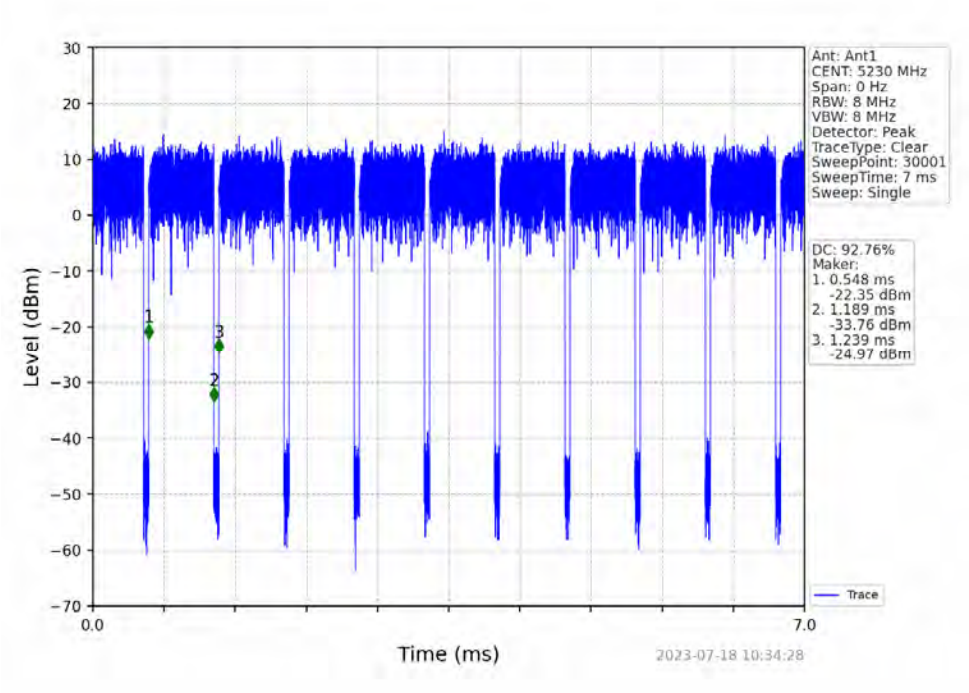
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



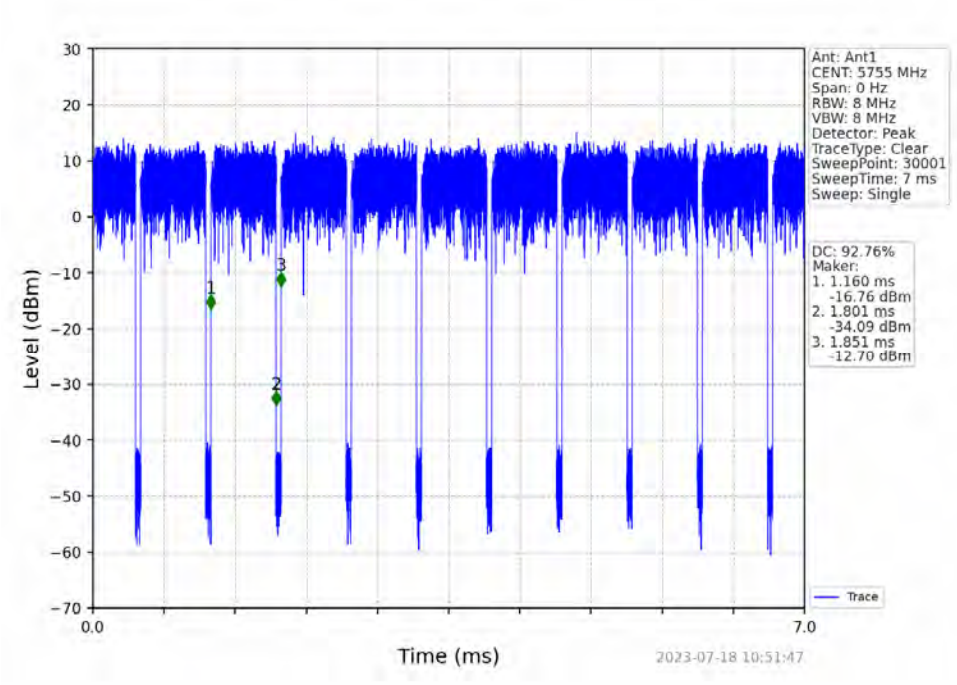
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



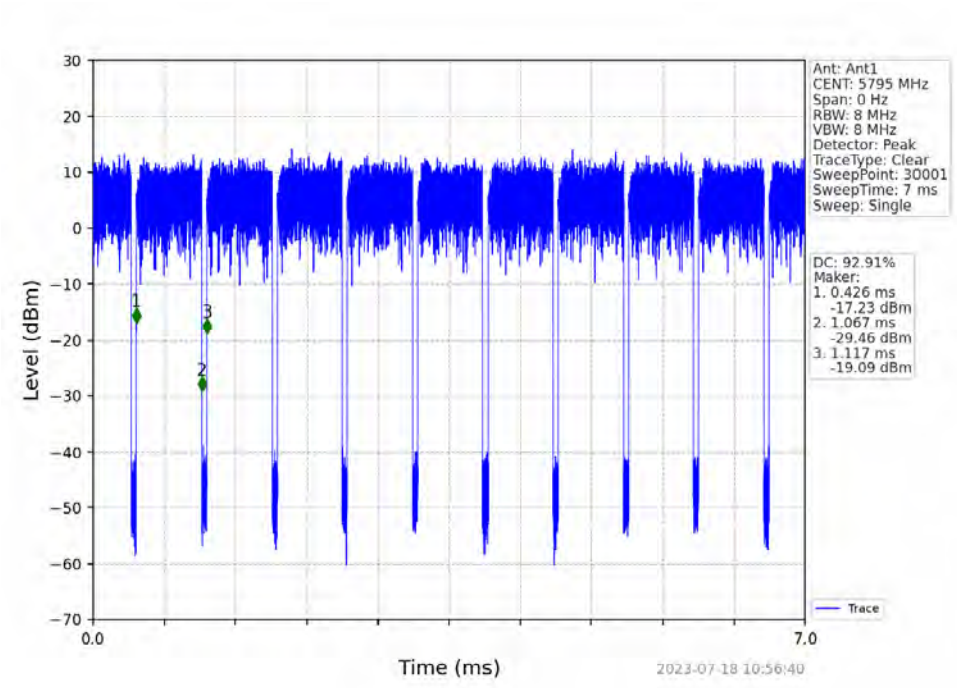
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



2 Maximum Conducted Peak Output Power

2.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	13.04	<=23.98	Pass
		5200	12.70	<=23.98	Pass
		5240	12.95	<=23.98	Pass
		5745	17.38	<=30	Pass
		5785	17.05	<=30	Pass
		5825	16.17	<=30	Pass
802.11n (HT20)	SISO	5180	4.38	<=23.98	Pass
		5200	3.84	<=23.98	Pass
		5240	3.94	<=23.98	Pass
		5745	9.42	<=30	Pass
		5785	8.91	<=30	Pass
		5825	7.72	<=30	Pass
802.11n (HT40)	SISO	5190	4.09	<=23.98	Pass
		5230	3.67	<=23.98	Pass
		5755	9.38	<=30	Pass
		5795	8.50	<=30	Pass
802.11ac (VHT20)	SISO	5180	12.43	<=23.98	Pass
		5200	11.14	<=23.98	Pass
		5240	11.05	<=23.98	Pass
		5745	12.08	<=30	Pass
		5785	11.30	<=30	Pass
		5825	9.84	<=30	Pass
802.11ac (VHT40)	SISO	5190	5.80	<=23.98	Pass
		5230	11.05	<=23.98	Pass
		5755	11.76	<=30	Pass
		5795	10.91	<=30	Pass

3 6dB&26dB BW

3.1 Test Result

6dB Bandwidth

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	1	8.085	>=0.5	Pass
		5785	1	8.052	>=0.5	Pass
		5825	1	7.603	>=0.5	Pass
802.11n (HT20)	SISO	5745	1	17.604	>=0.5	Pass
		5785	1	17.596	>=0.5	Pass
		5825	1	17.556	>=0.5	Pass
802.11n (HT40)	SISO	5755	1	36.110	>=0.5	Pass
		5795	1	36.341	>=0.5	Pass
802.11ac (VHT20)	SISO	5745	1	17.585	>=0.5	Pass
		5785	1	17.210	>=0.5	Pass
		5825	1	17.207	>=0.5	Pass
802.11ac (VHT40)	SISO	5755	1	36.078	>=0.5	Pass
		5795	1	35.800	>=0.5	Pass

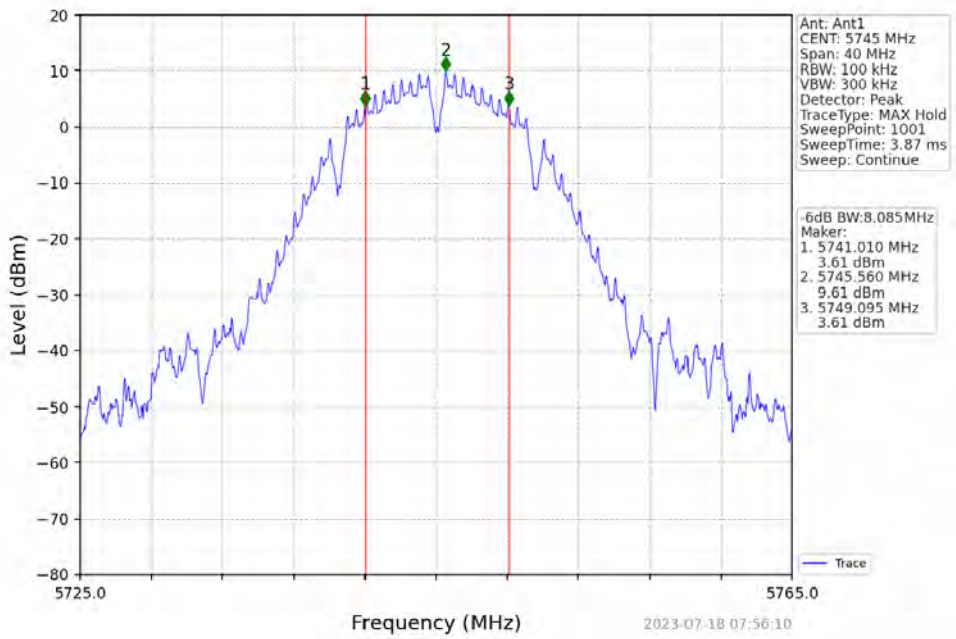
26dB Bandwidth

Mode	TX Type	Frequency (MHz)	ANT	26dB Bandwidth (MHz)	Verdict
				Result	
802.11a	SISO	5180	1	15.160	Pass
		5200	1	15.203	Pass
		5240	1	15.209	Pass
802.11n (HT20)	SISO	5180	1	24.697	Pass
		5200	1	25.143	Pass
		5240	1	24.920	Pass
802.11n (HT40)	SISO	5190	1	47.202	Pass
		5230	1	47.199	Pass
802.11ac (VHT20)	SISO	5180	1	25.054	Pass
		5200	1	25.753	Pass
		5240	1	25.651	Pass
802.11ac (VHT40)	SISO	5190	1	46.723	Pass
		5230	1	48.087	Pass

3.2 Test Graphs

6dB Bandwidth

802.11a_LCH_5745MHz_Ant1_NTNV



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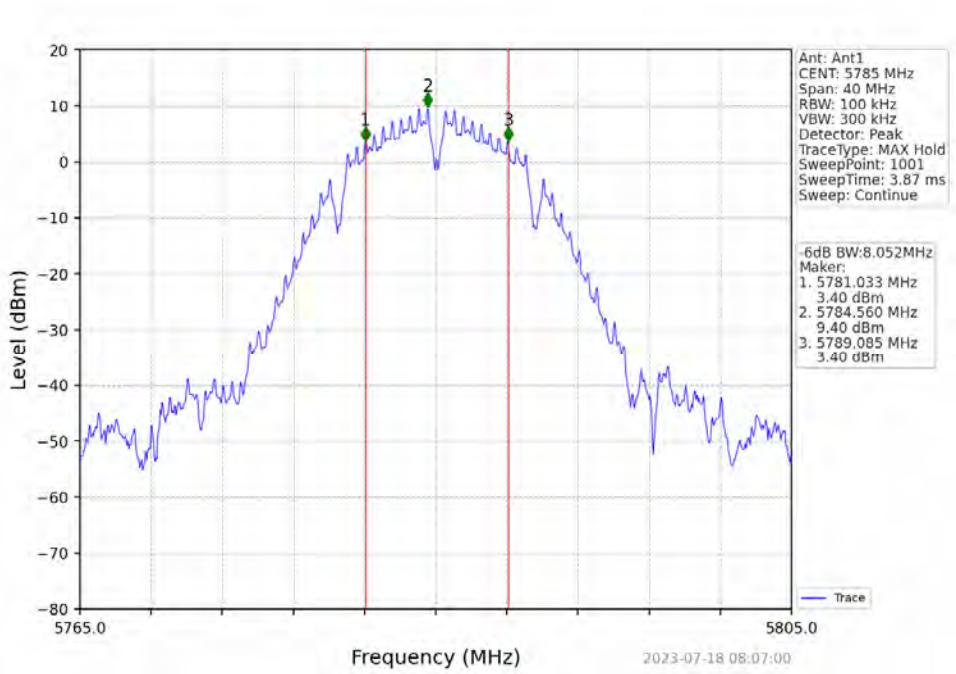
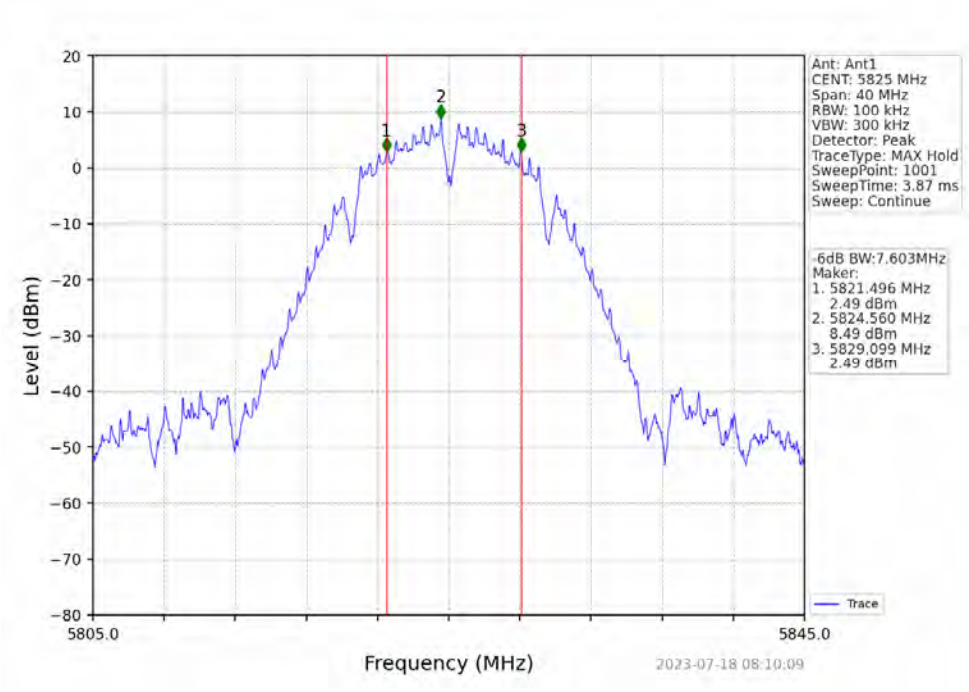
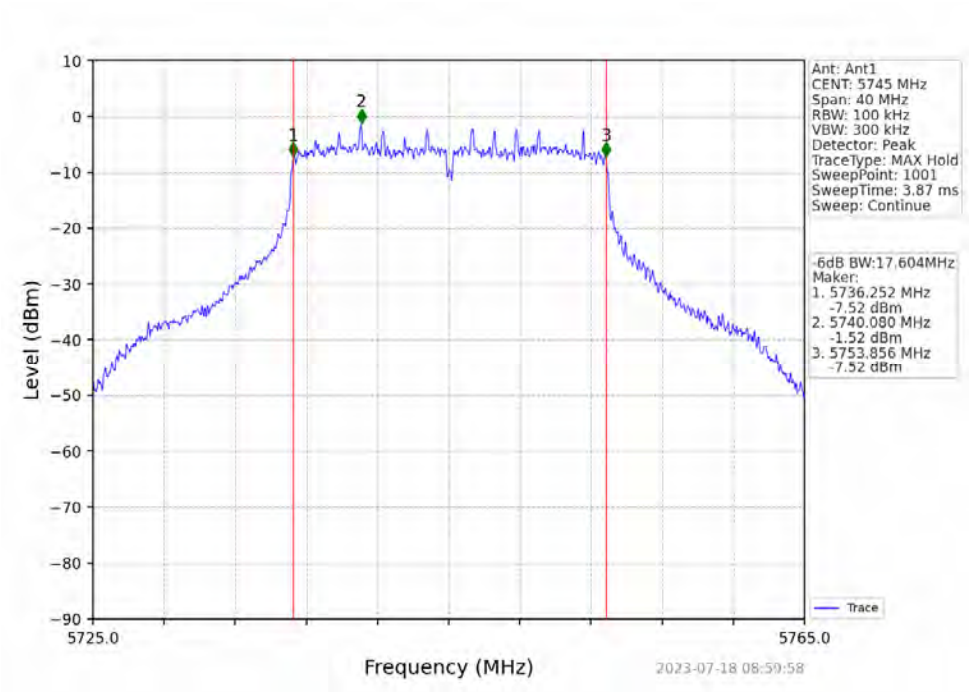


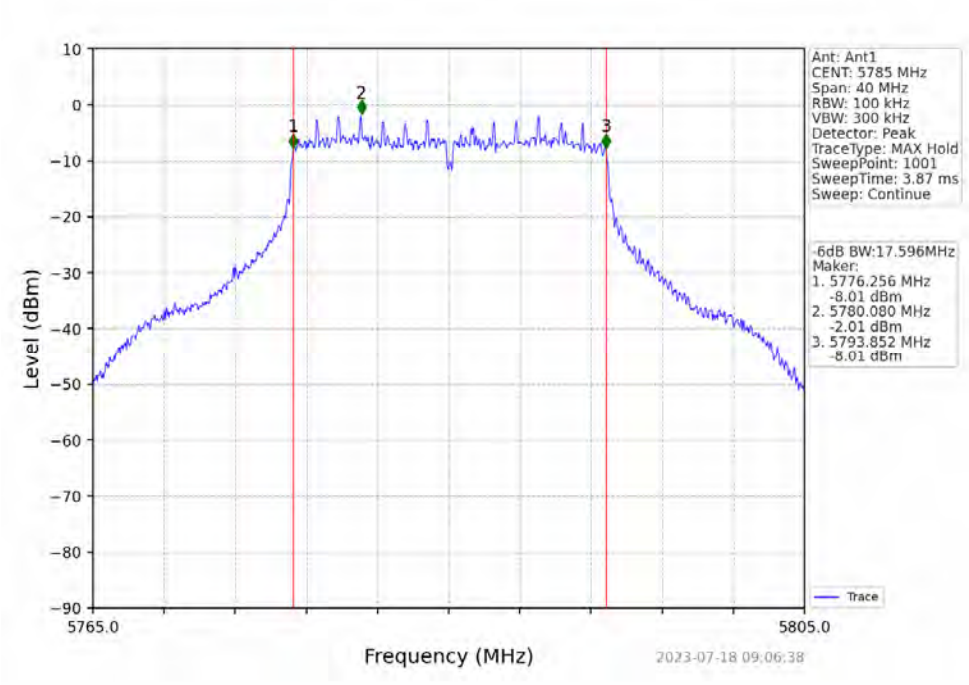
802.11a_HCH_5825MHz_Ant1_NTNV



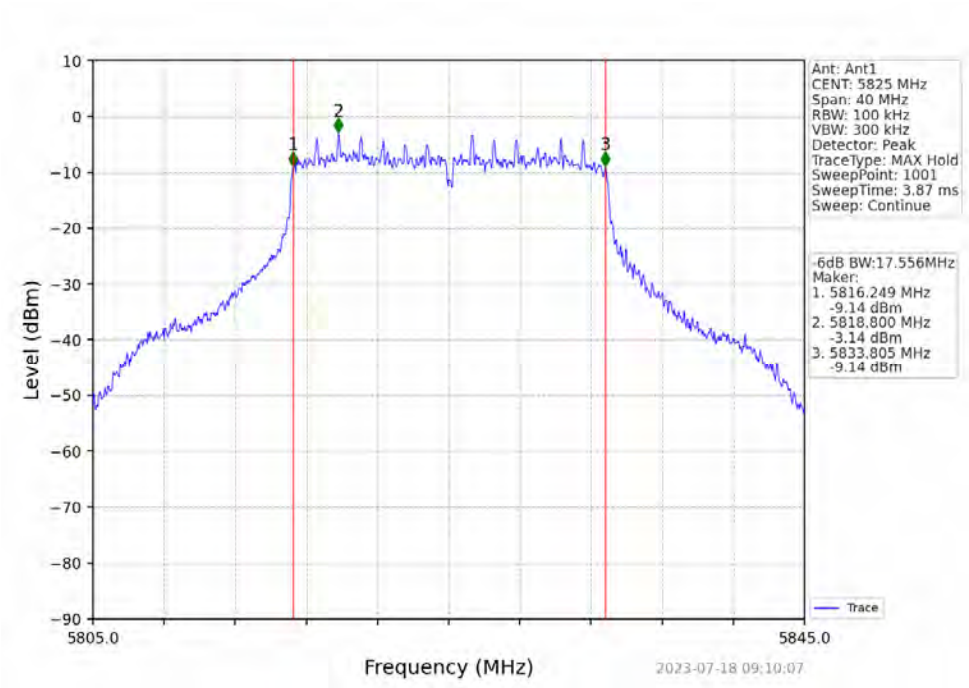
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



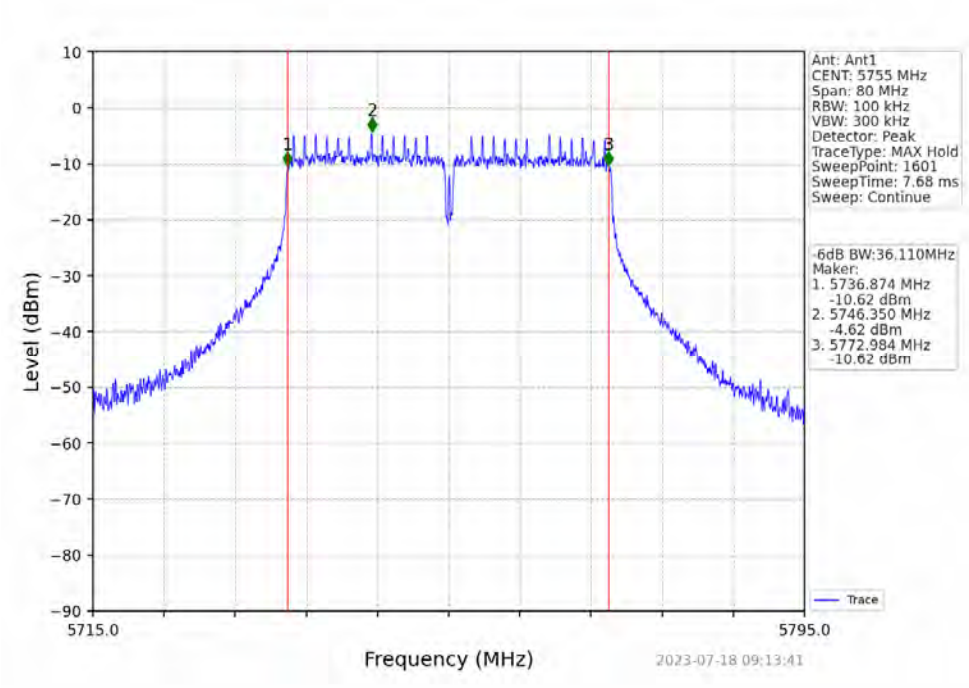
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



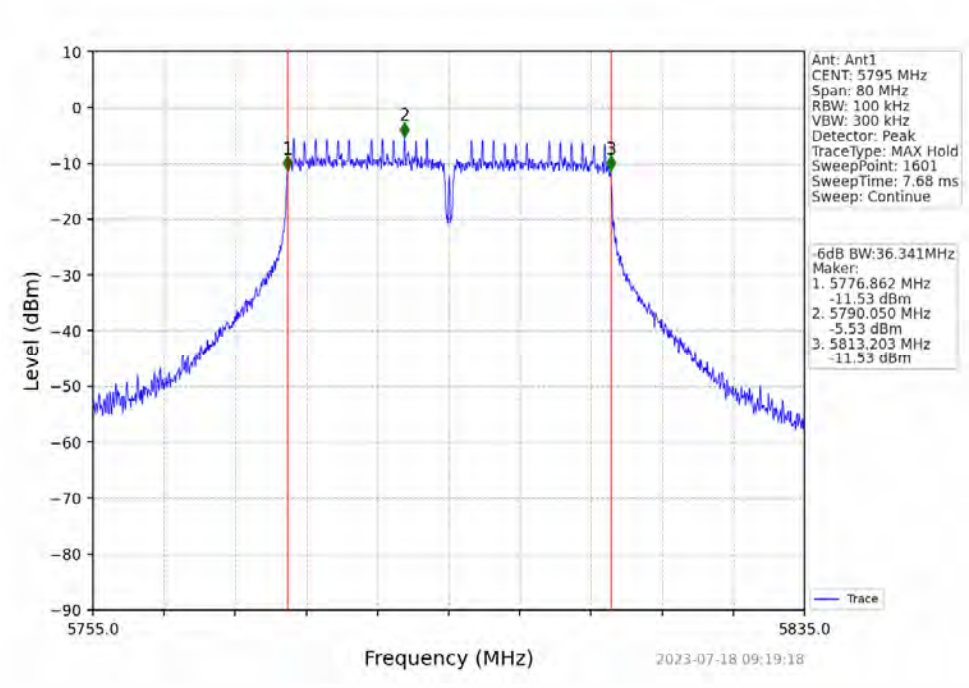
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



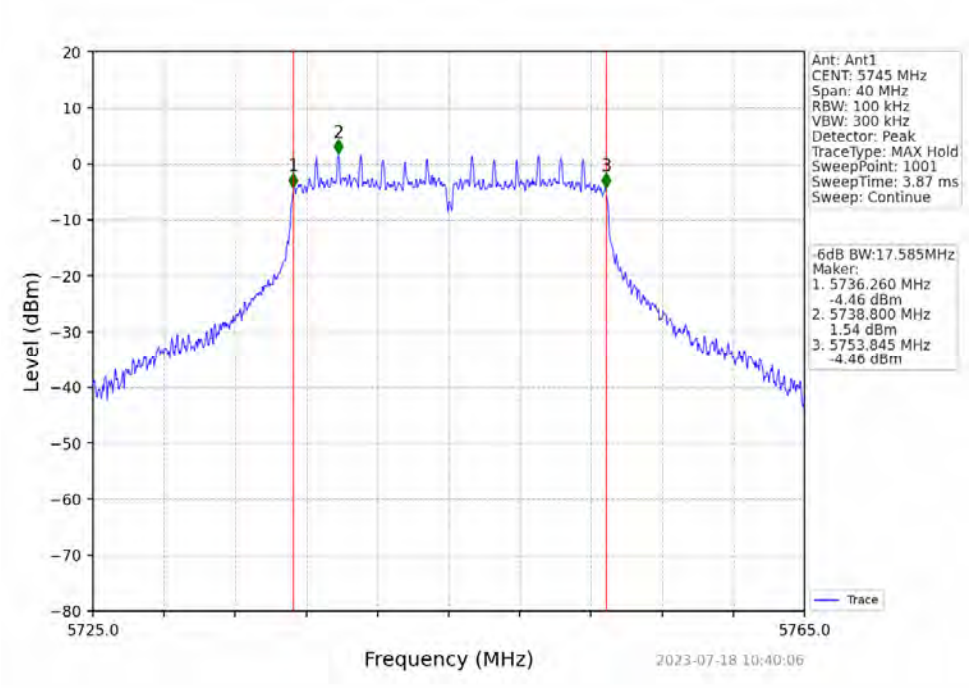
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



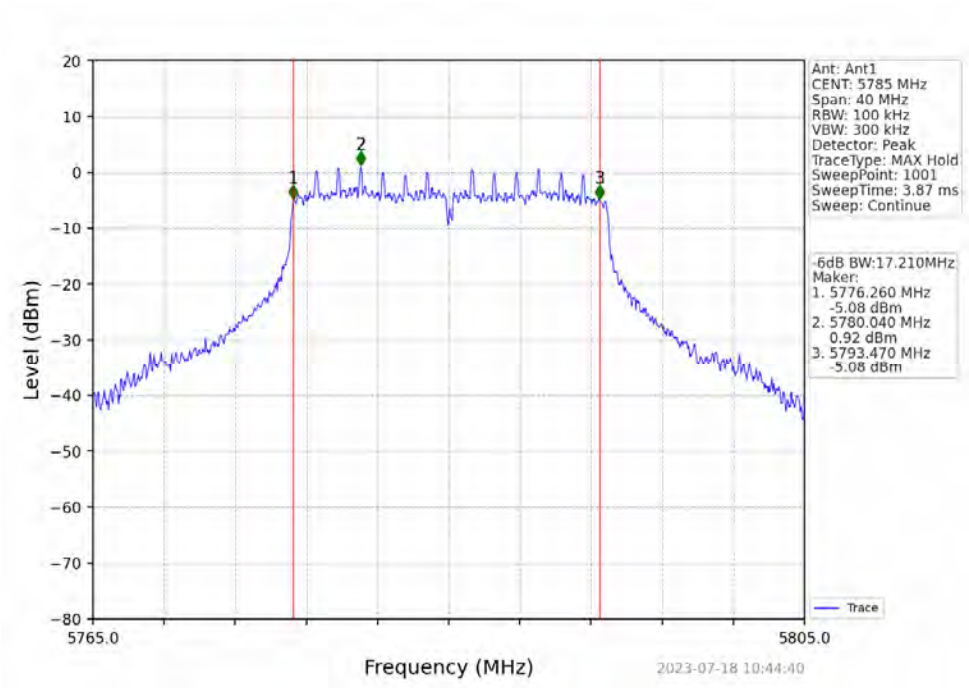
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



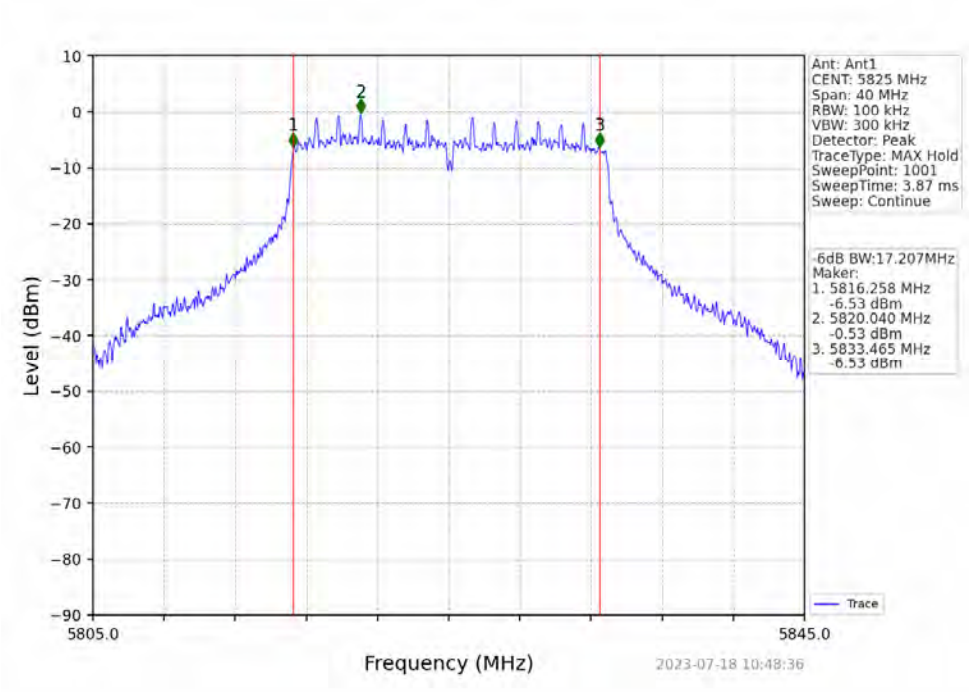
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



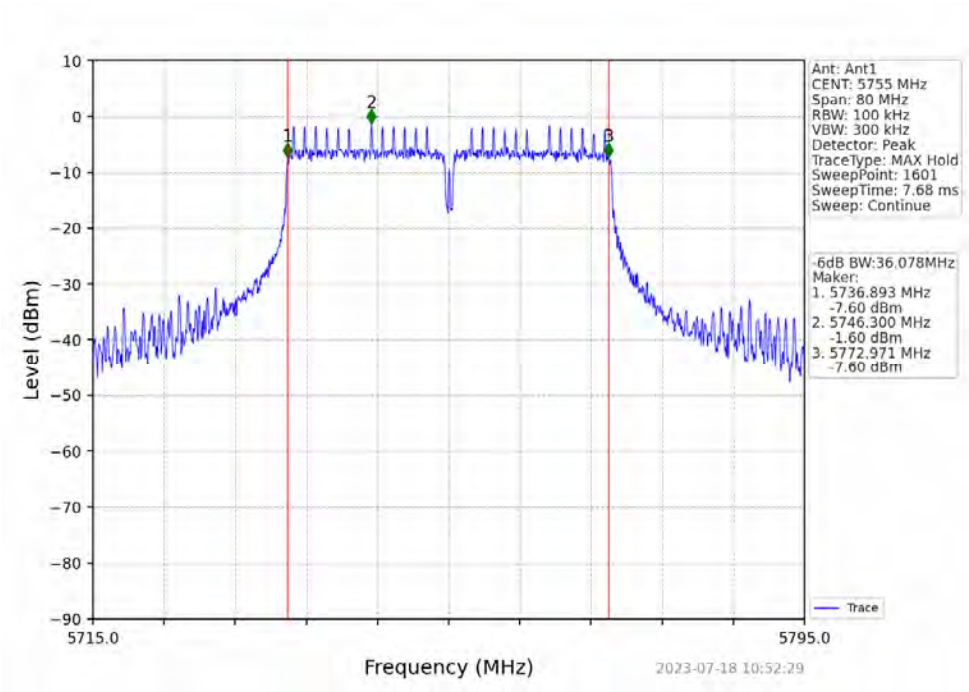
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



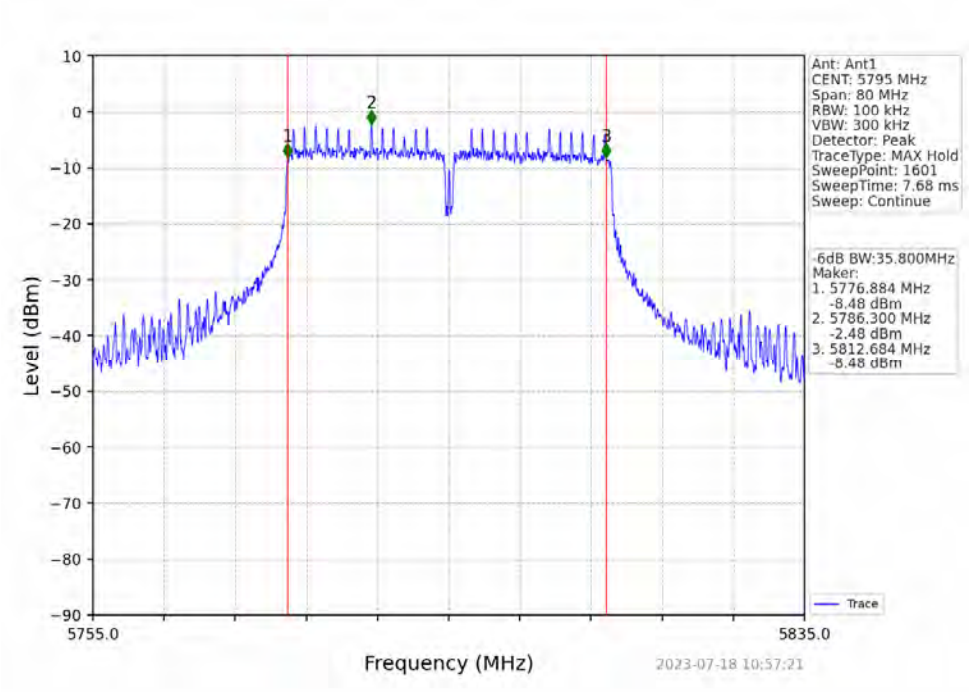
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV

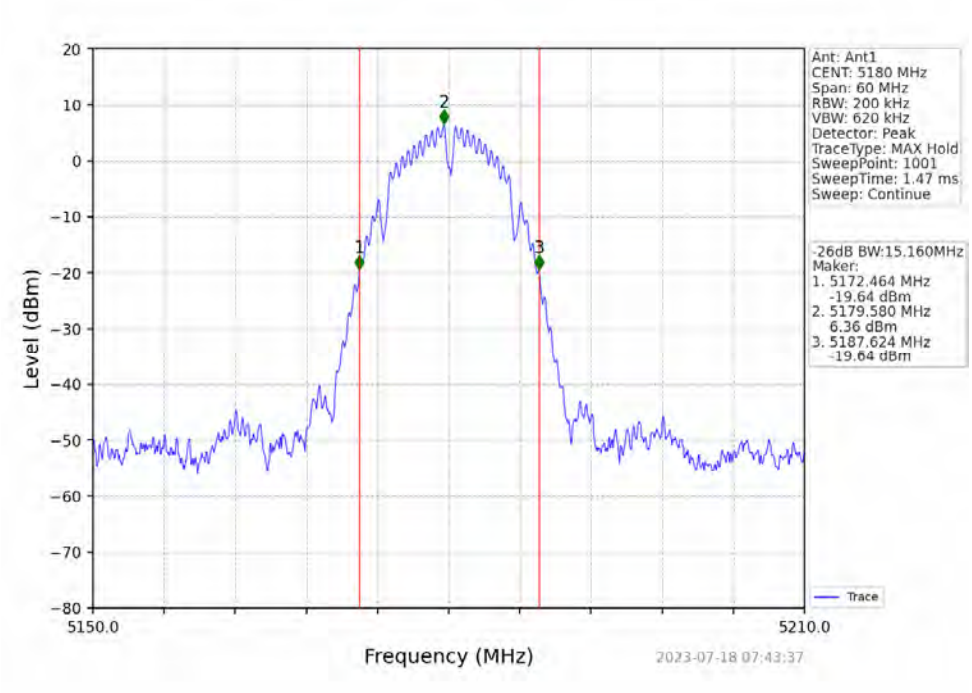


802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV

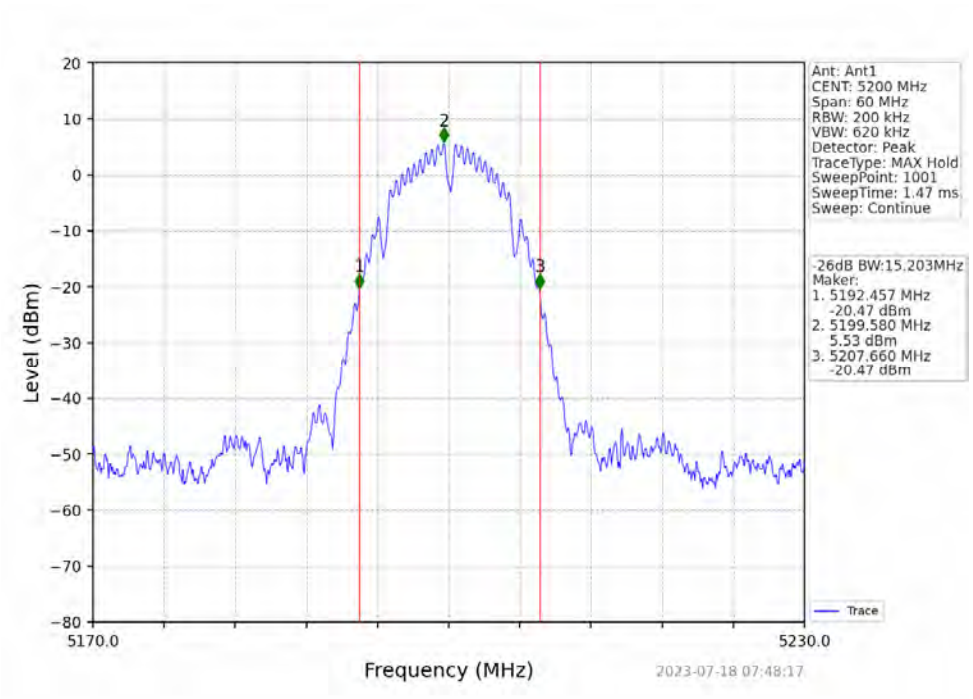


26dB Bandwidth

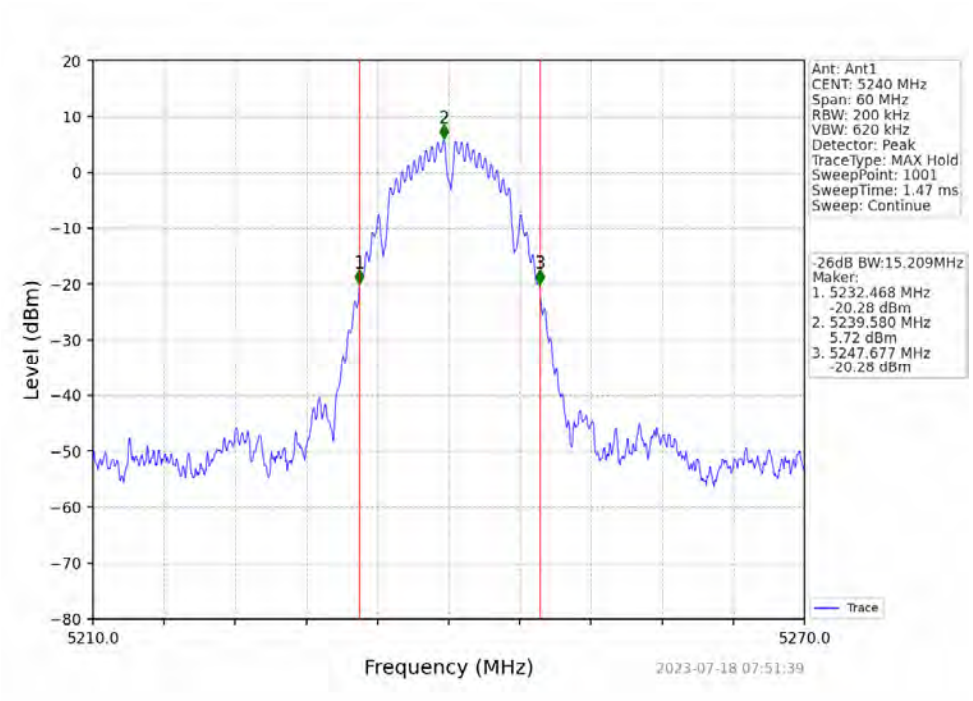
802.11a_LCH_5180MHz_Ant1_NTNV



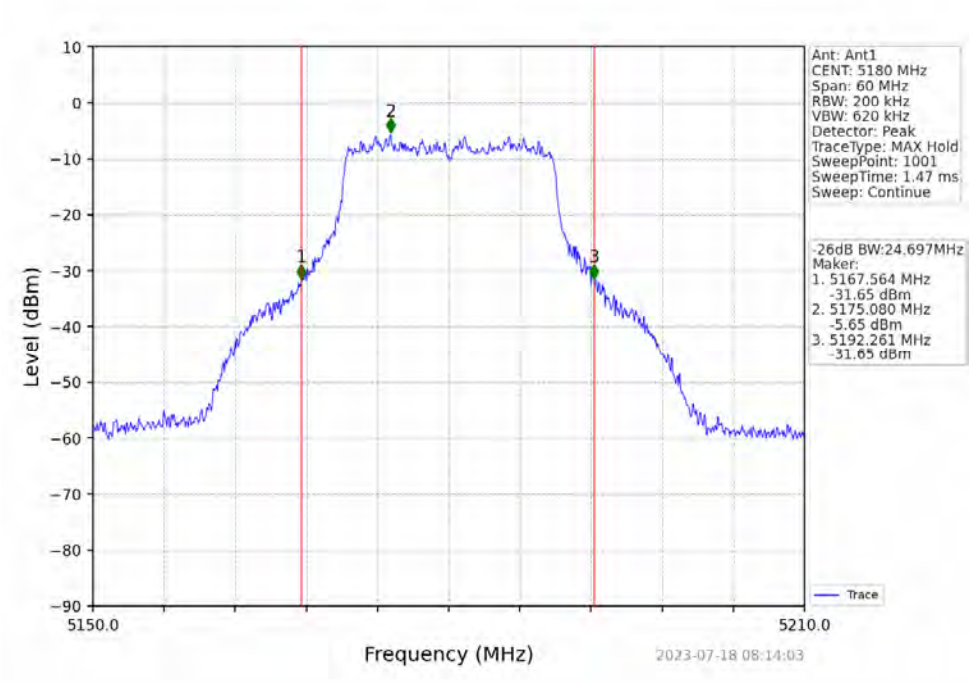
802.11a_MCH_5200MHz_Ant1_NTNV



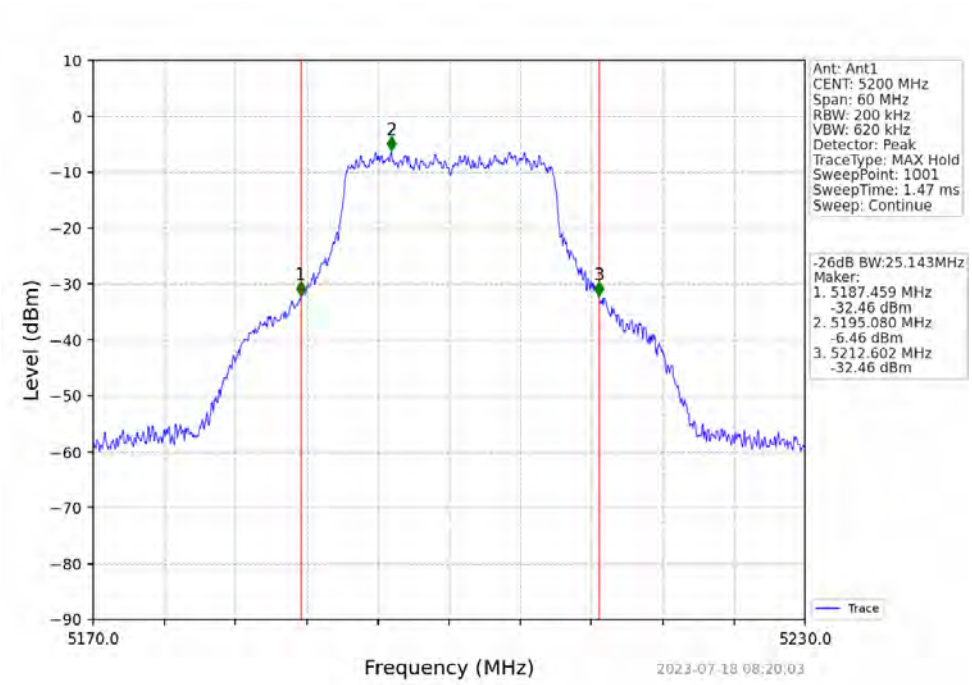
802.11a_HCH_5240MHz_Ant1_NTNV



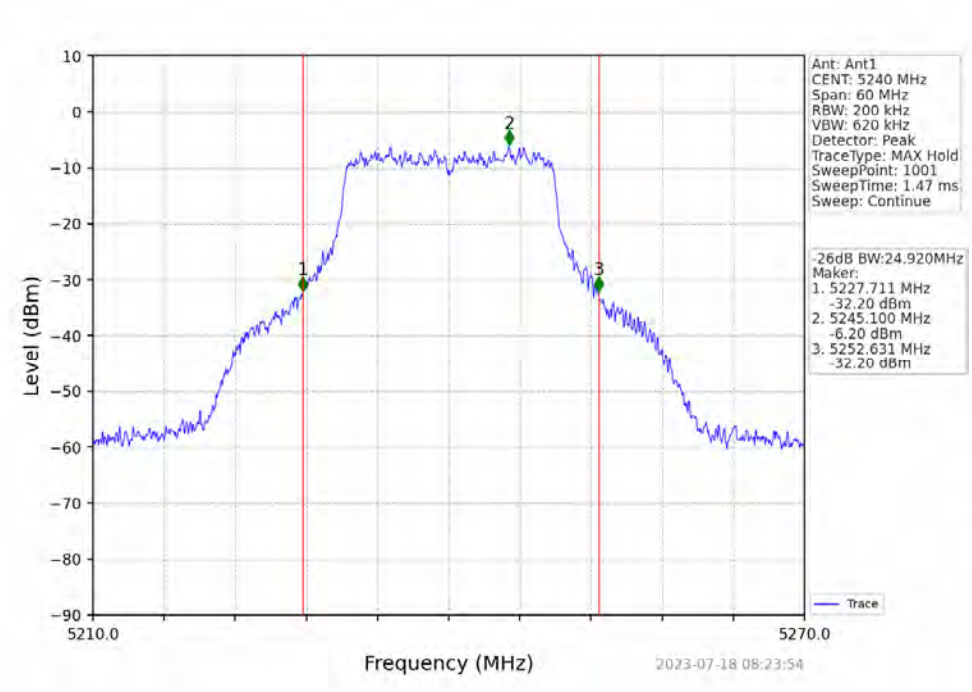
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



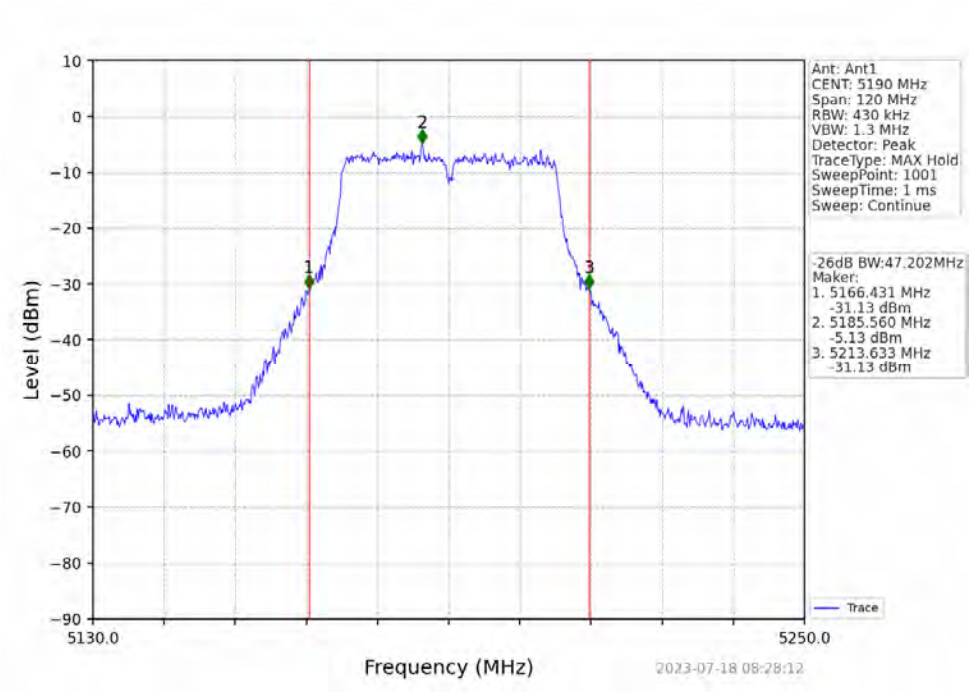
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



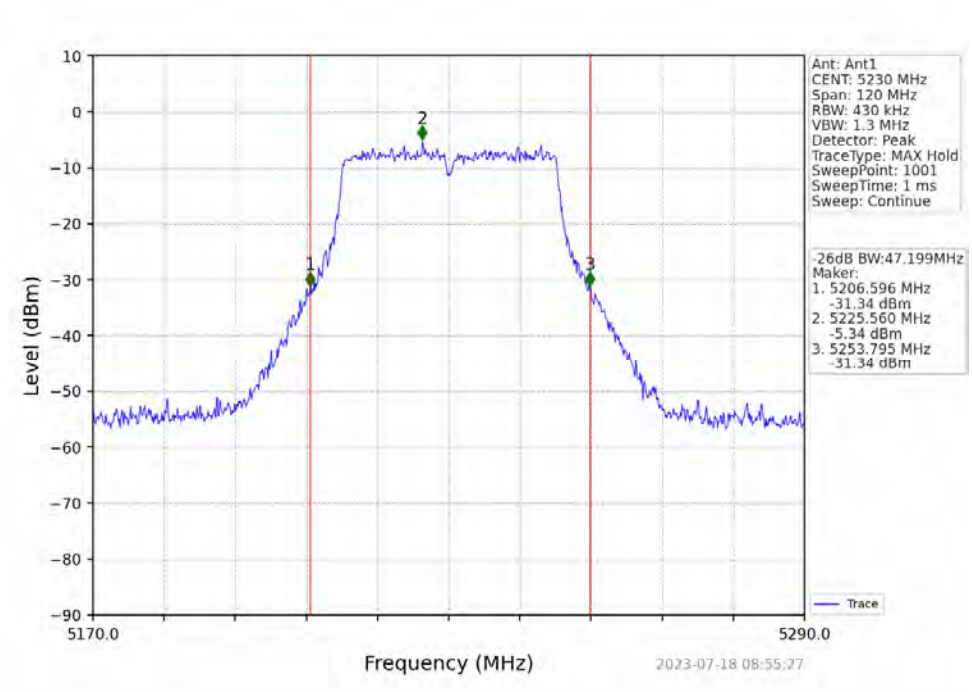
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



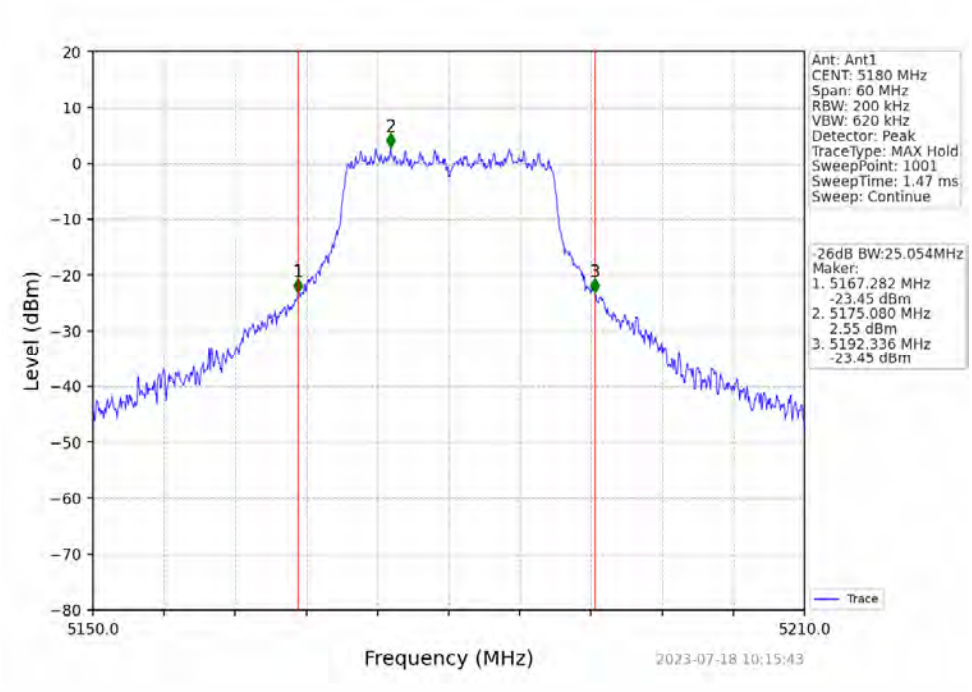
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



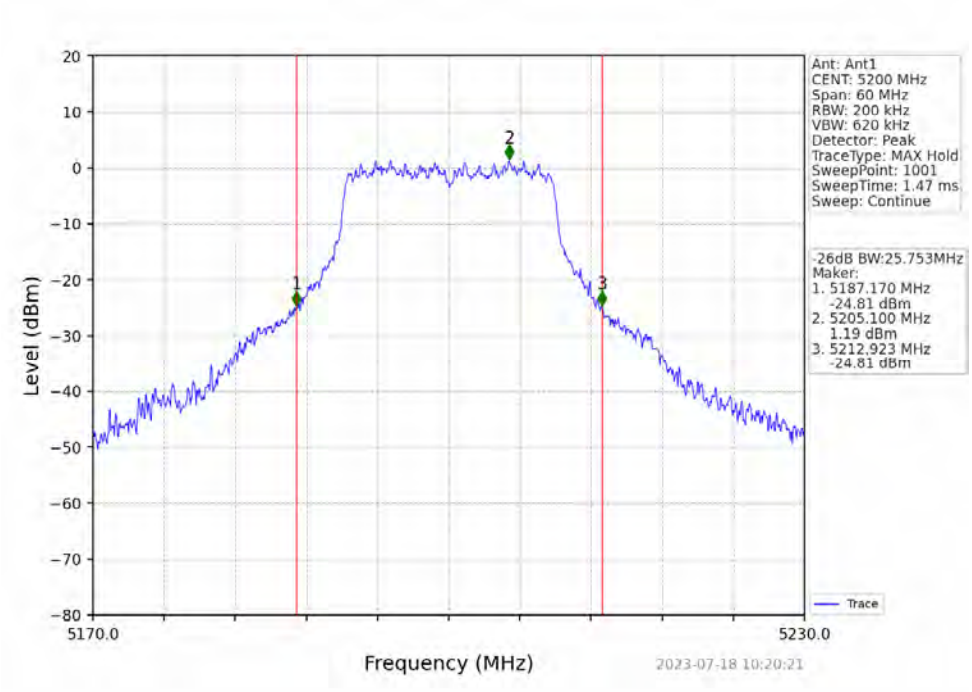
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



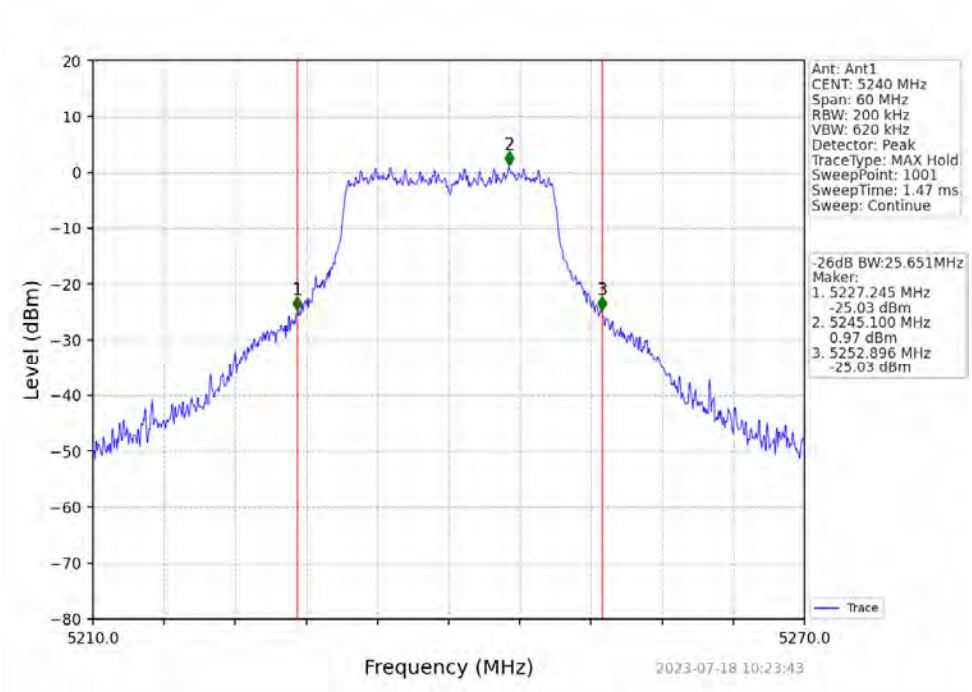
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



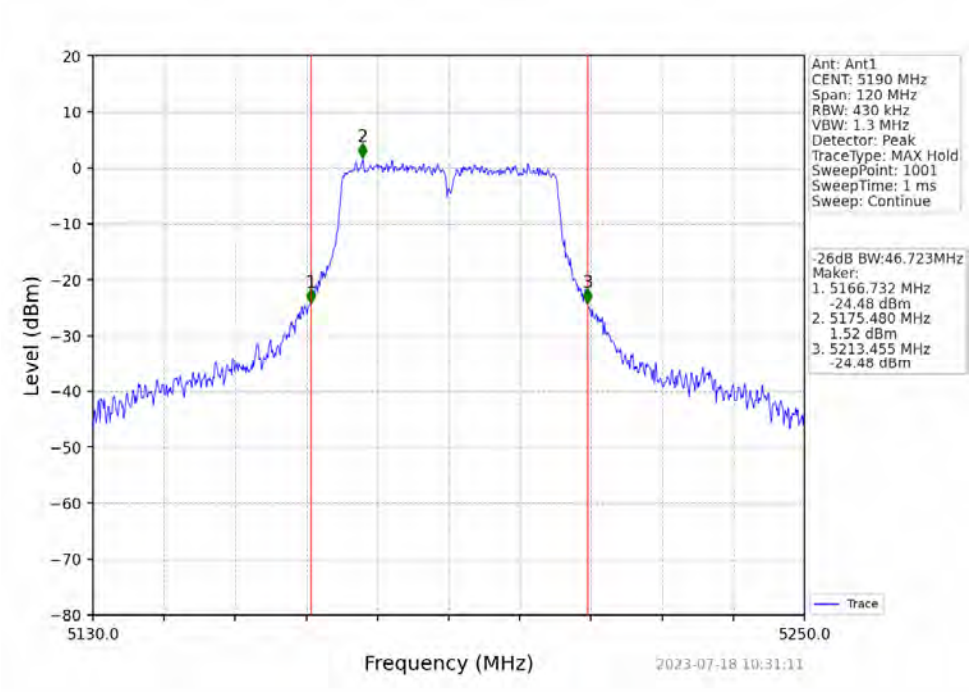
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



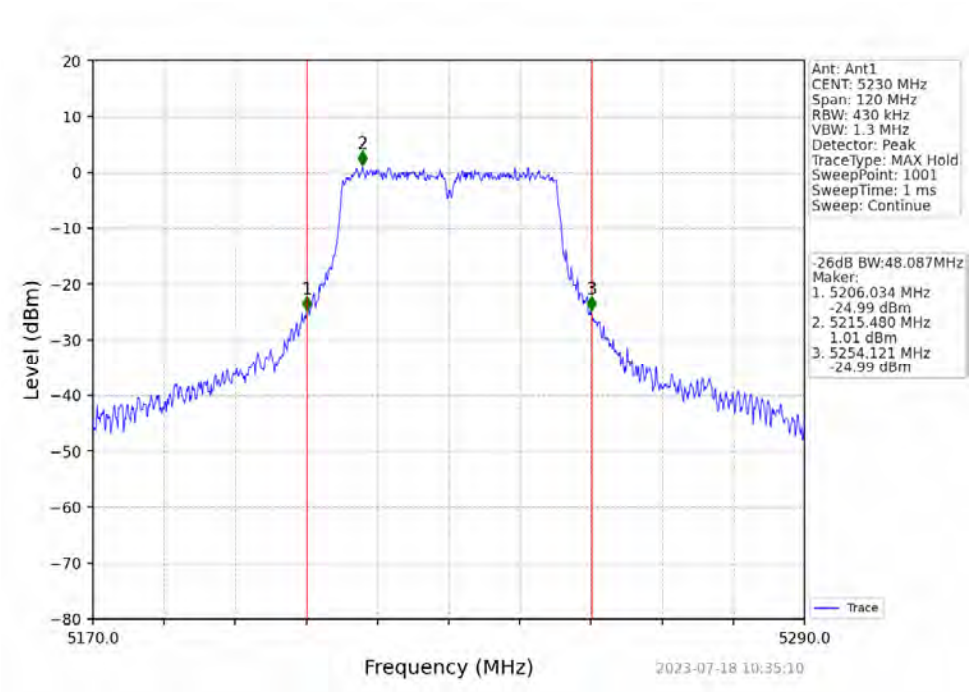
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



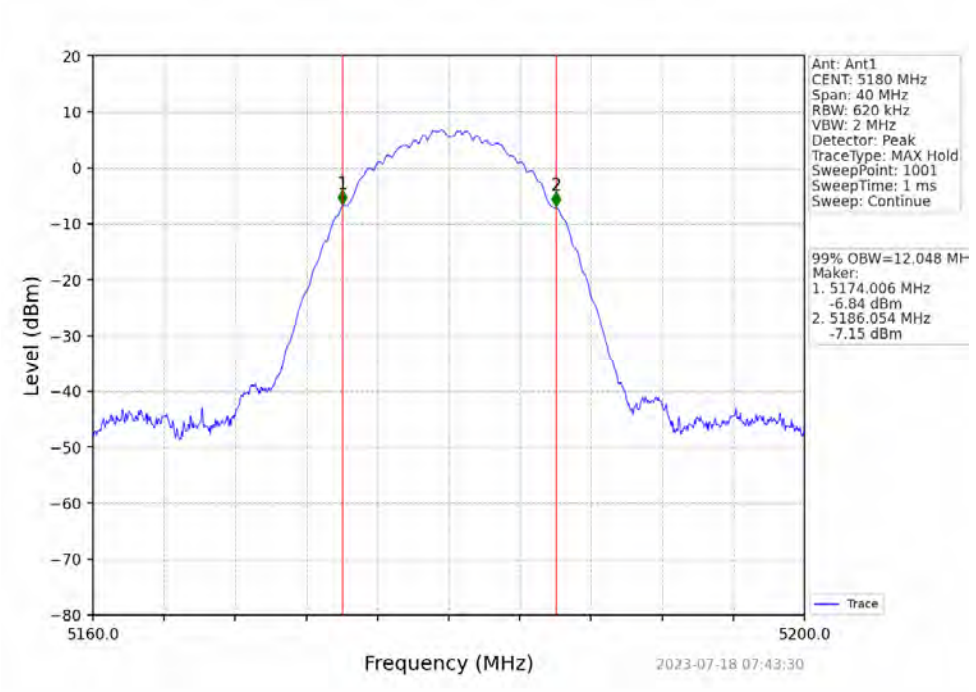
4 99% Occupy Bandwidth

4.1 Test Result

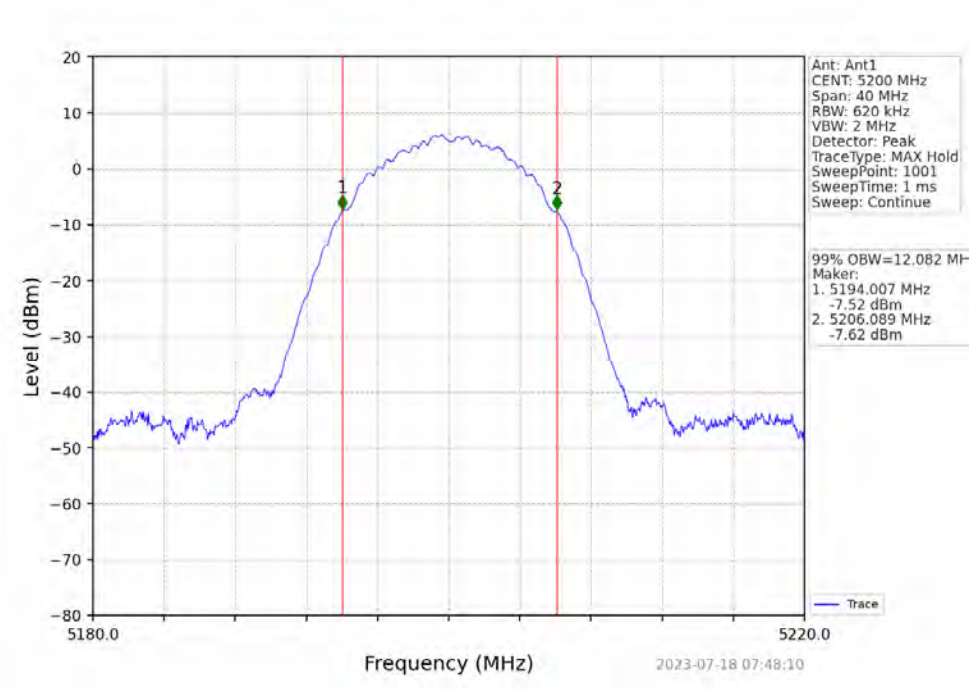
Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz) Result	Verdict
802.11a	SISO	5180	1	12.048	Pass
		5200	1	12.082	Pass
		5240	1	12.092	Pass
		5745	1	12.673	Pass
		5785	1	12.590	Pass
		5825	1	12.491	Pass
802.11n (HT20)	SISO	5180	1	20.051	Pass
		5200	1	20.272	Pass
		5240	1	20.308	Pass
		5745	1	20.190	Pass
		5785	1	20.114	Pass
		5825	1	20.151	Pass
802.11n (HT40)	SISO	5190	1	38.543	Pass
		5230	1	38.409	Pass
		5755	1	38.609	Pass
		5795	1	38.513	Pass
802.11ac (VHT20)	SISO	5180	1	20.245	Pass
		5200	1	20.569	Pass
		5240	1	20.653	Pass
		5745	1	20.189	Pass
		5785	1	20.344	Pass
		5825	1	20.248	Pass
802.11ac (VHT40)	SISO	5190	1	38.344	Pass
		5230	1	38.135	Pass
		5755	1	38.302	Pass
		5795	1	38.195	Pass

4.2 Test Graphs

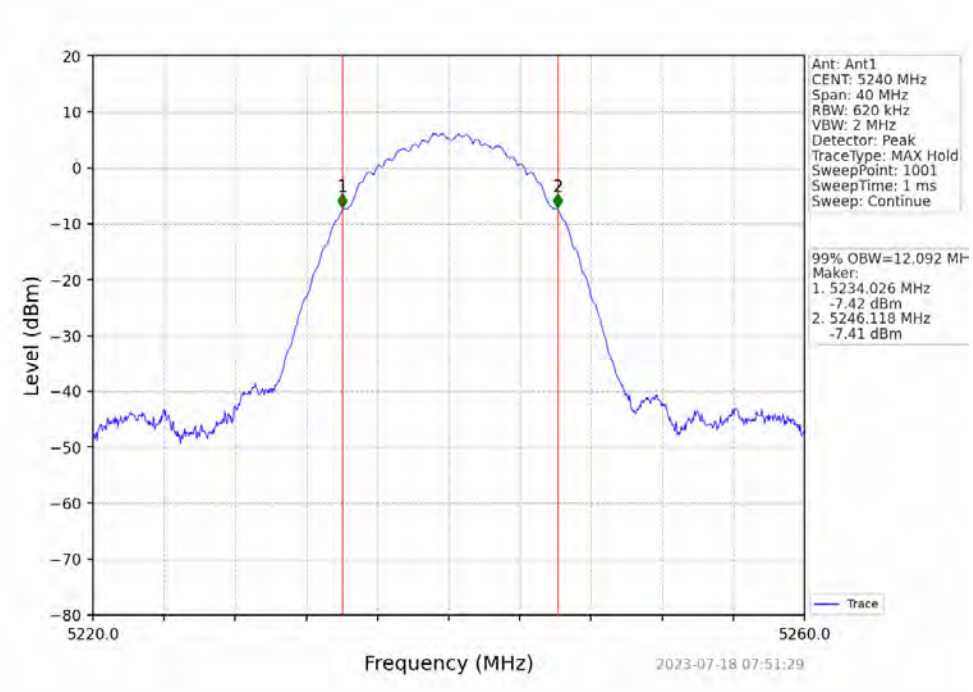
802.11a_LCH_5180MHz_Ant1_NTNV



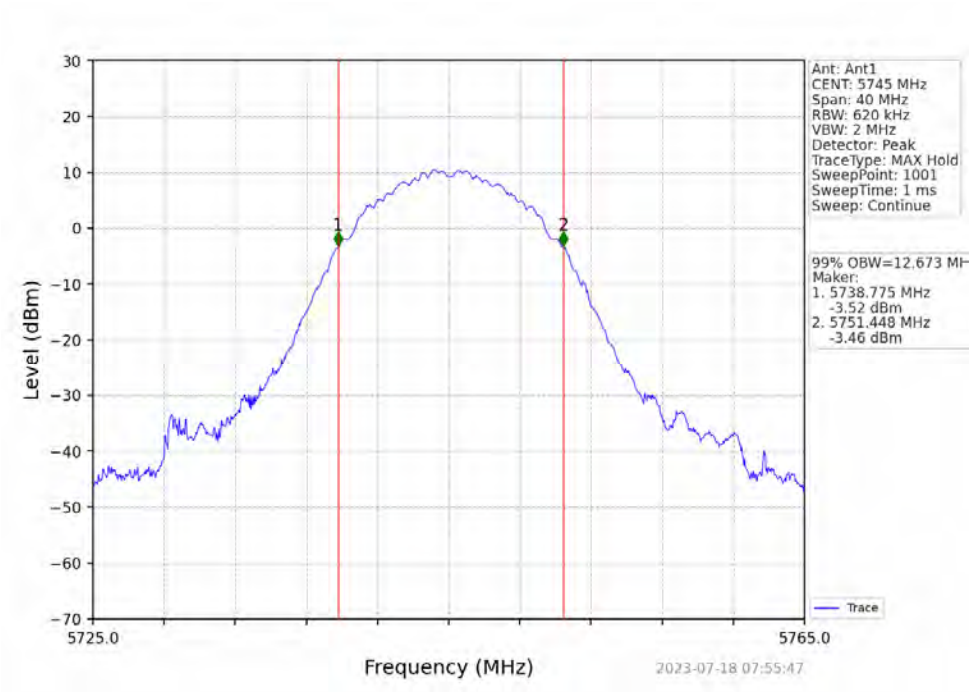
802.11a_MCH_5200MHz_Ant1_NTNV



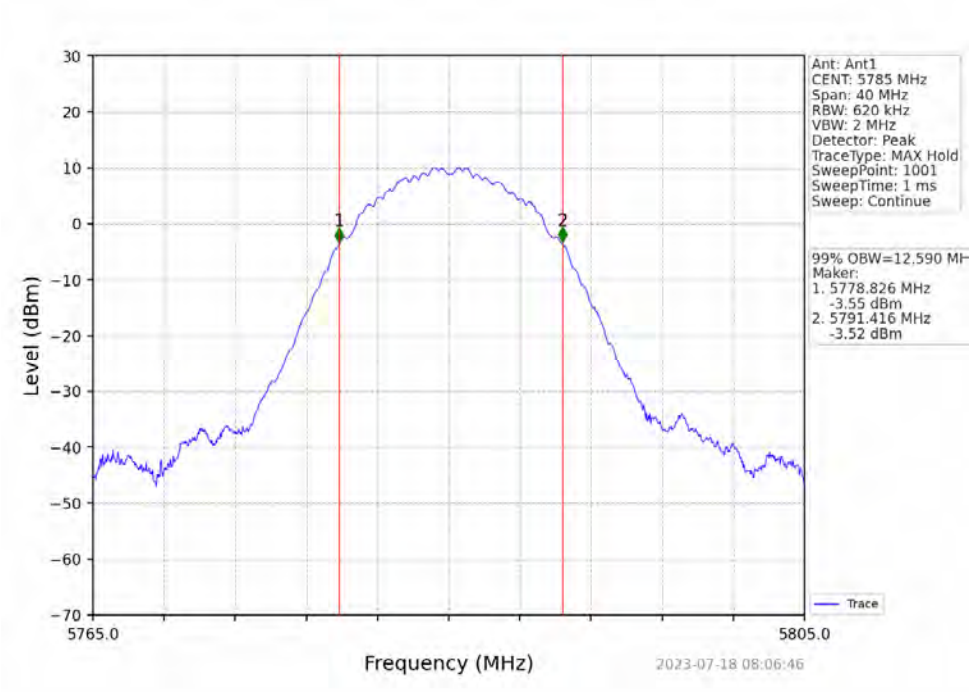
802.11a_HCH_5240MHz_Ant1_NTNV



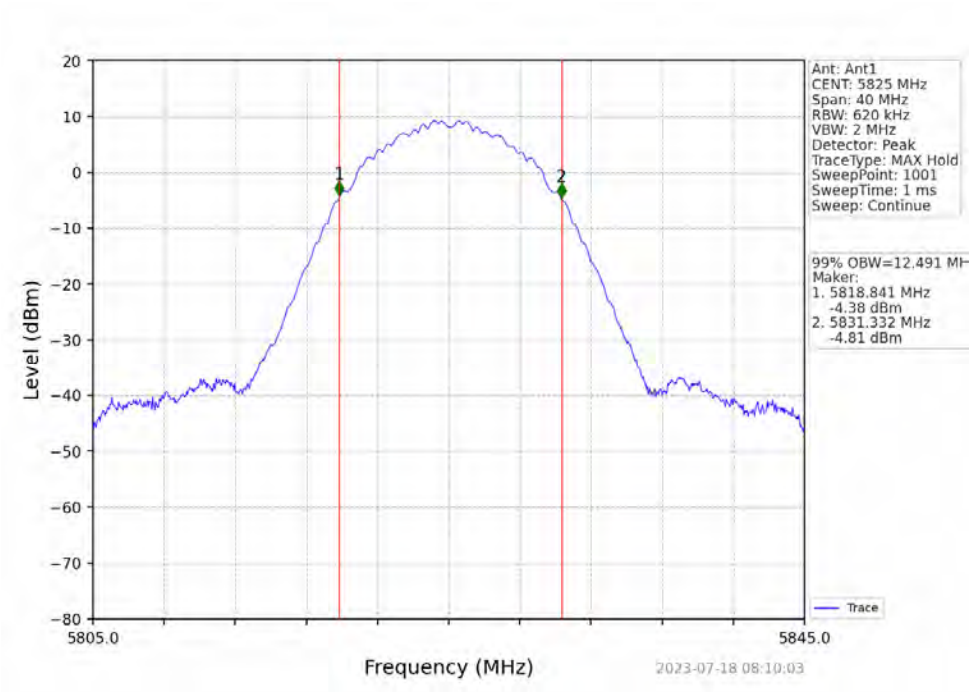
802.11a_LCH_5745MHz_Ant1_NTNV



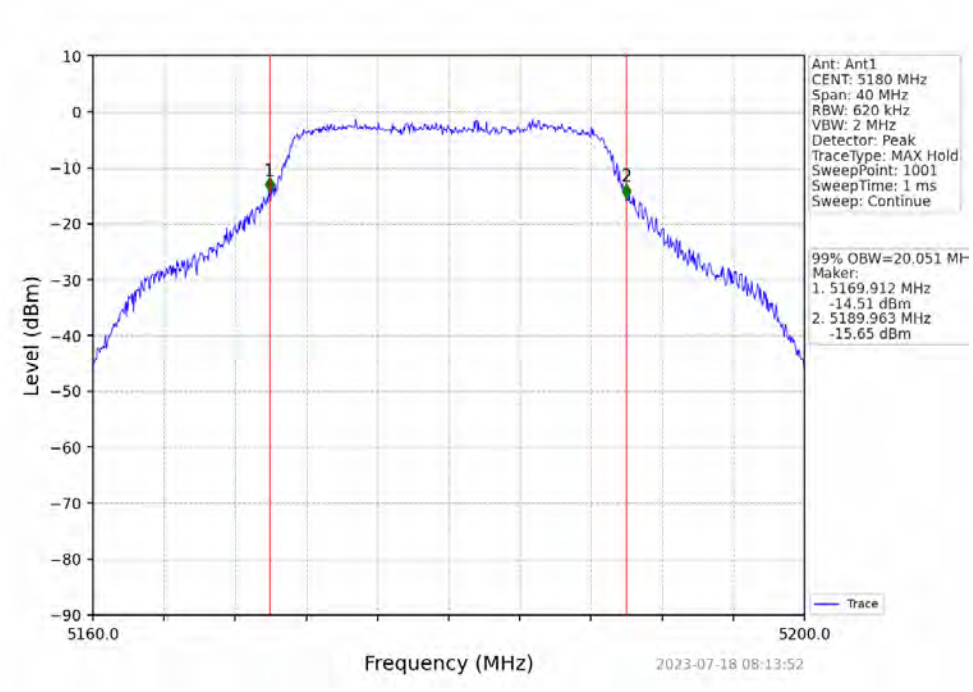
802.11a_MCH_5785MHz_Ant1_NTNV



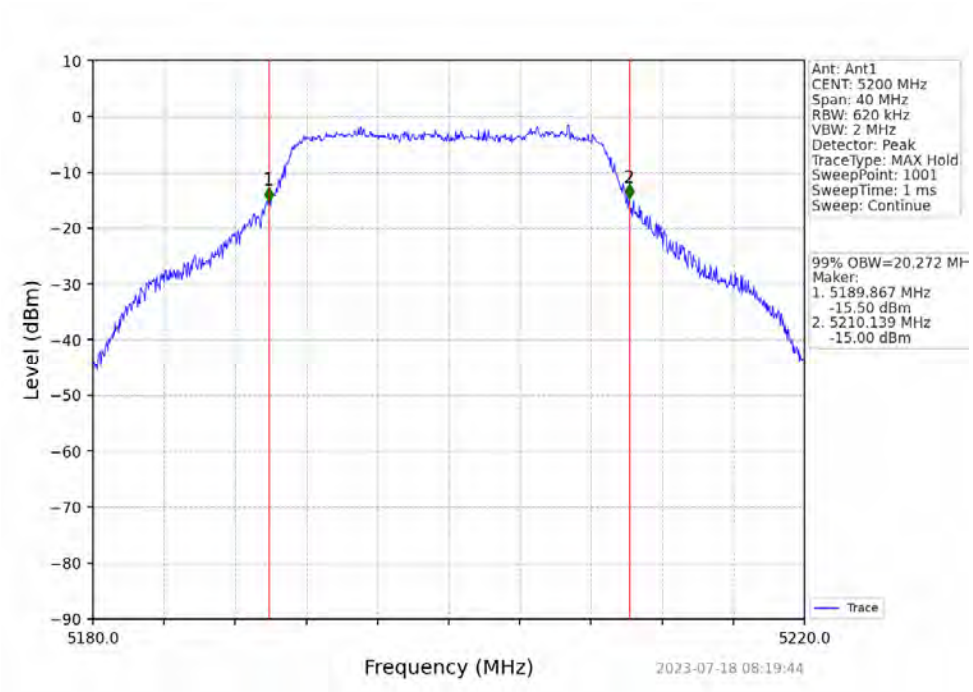
802.11a_HCH_5825MHz_Ant1_NTNV



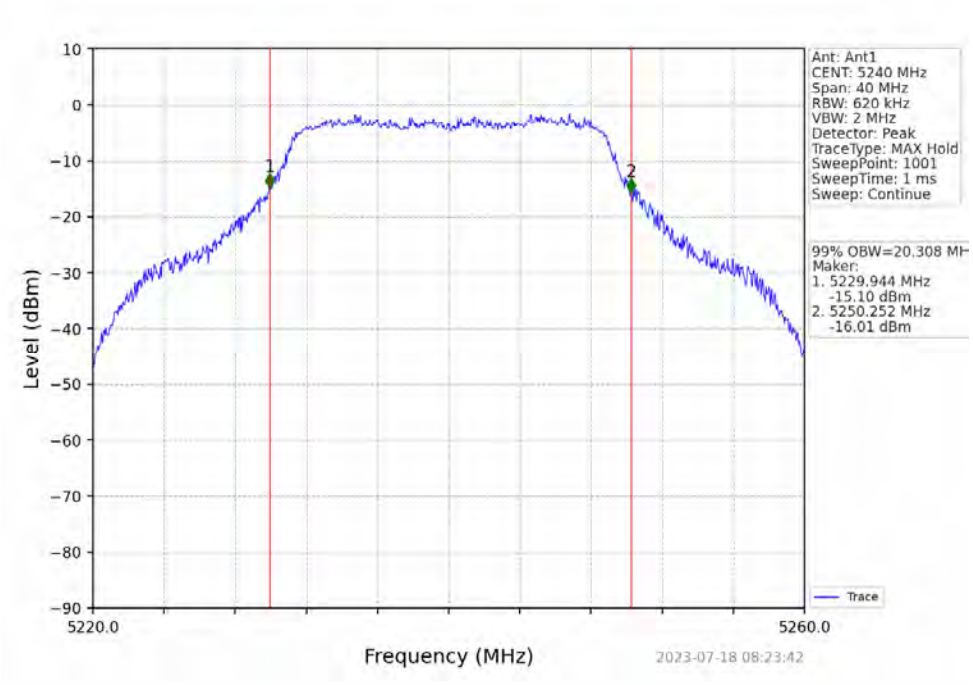
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



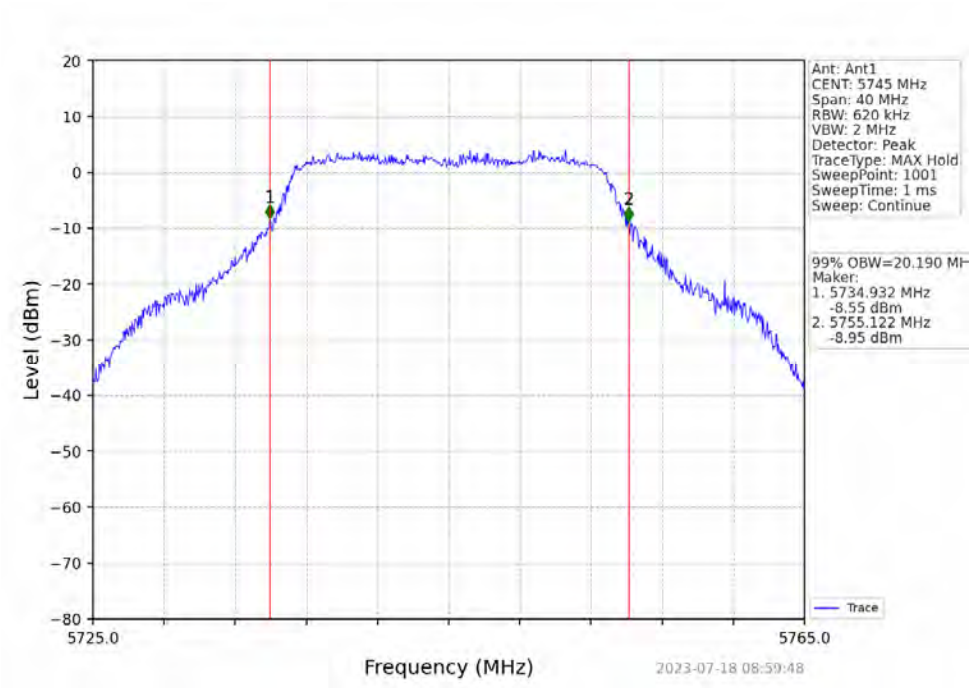
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



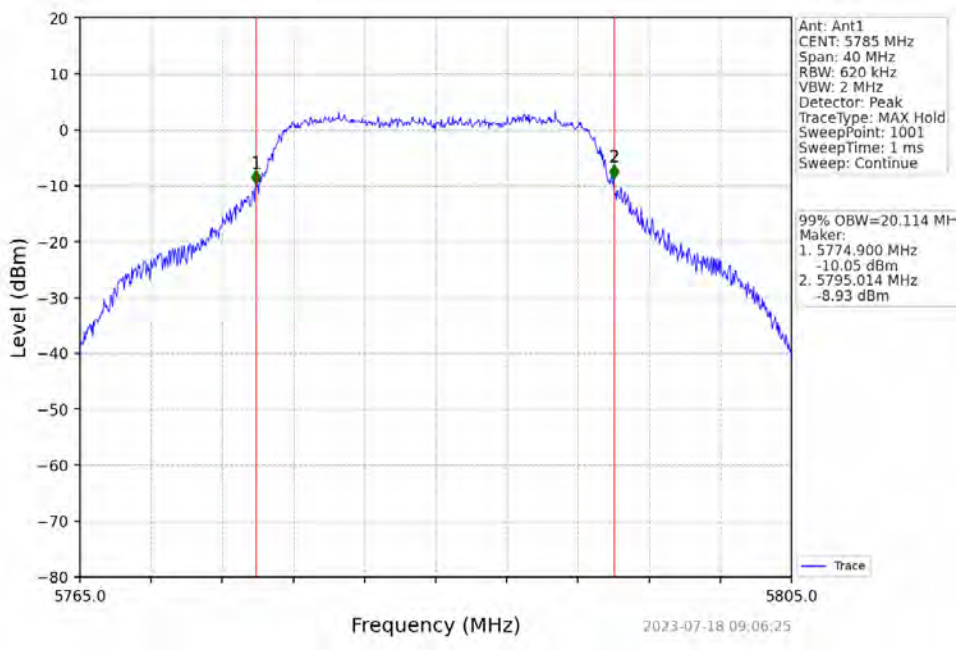
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



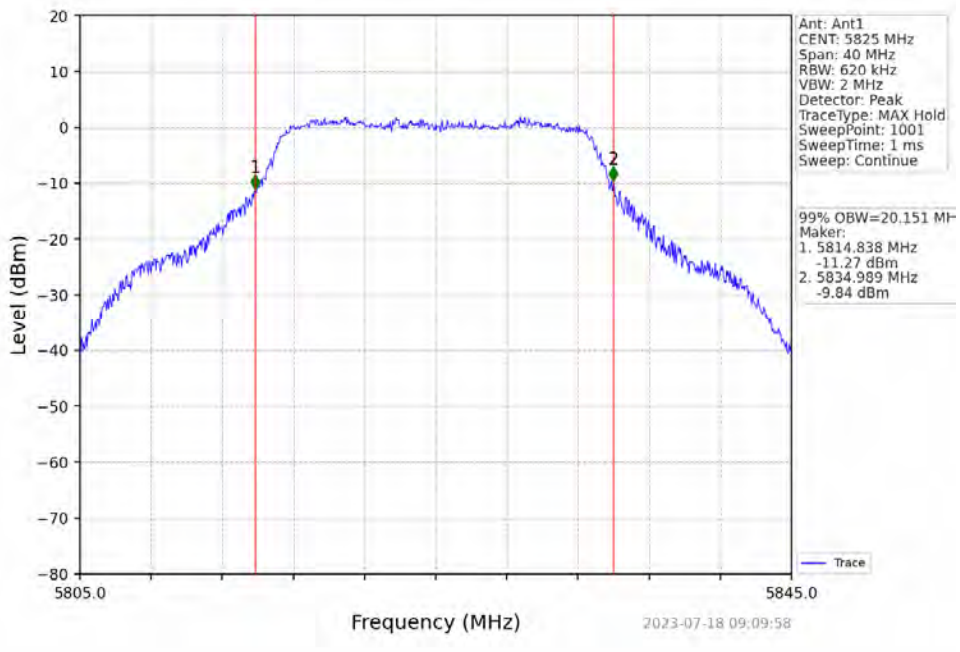
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



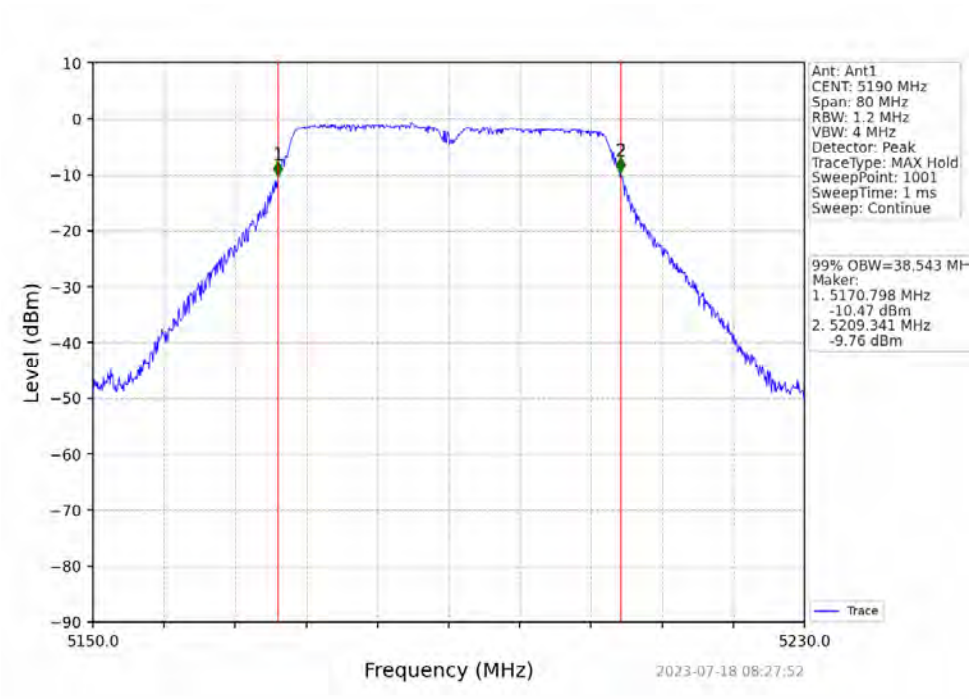
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



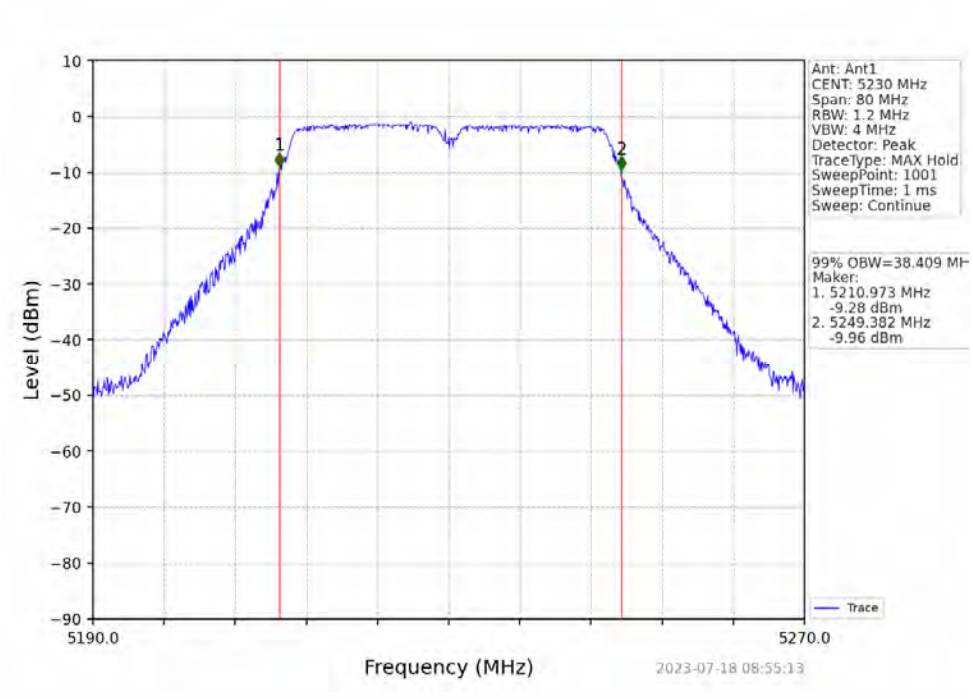
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



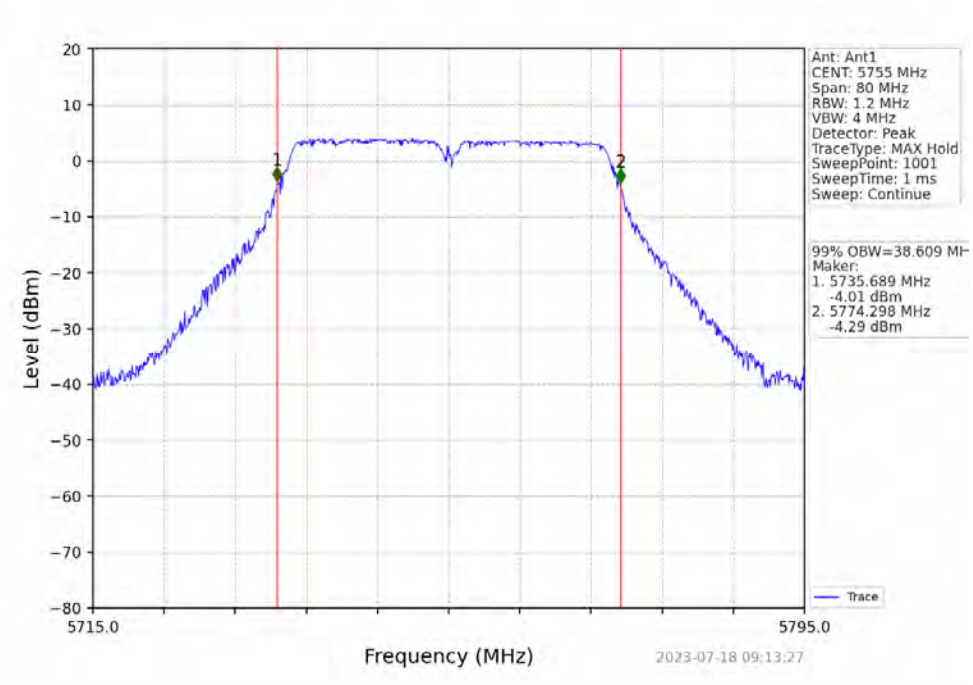
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



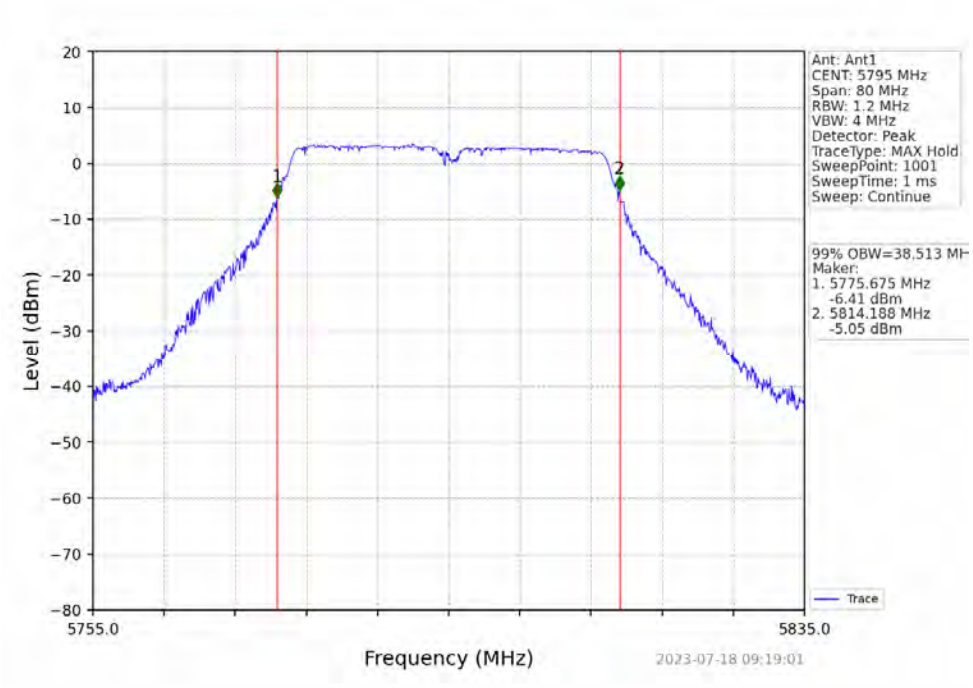
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



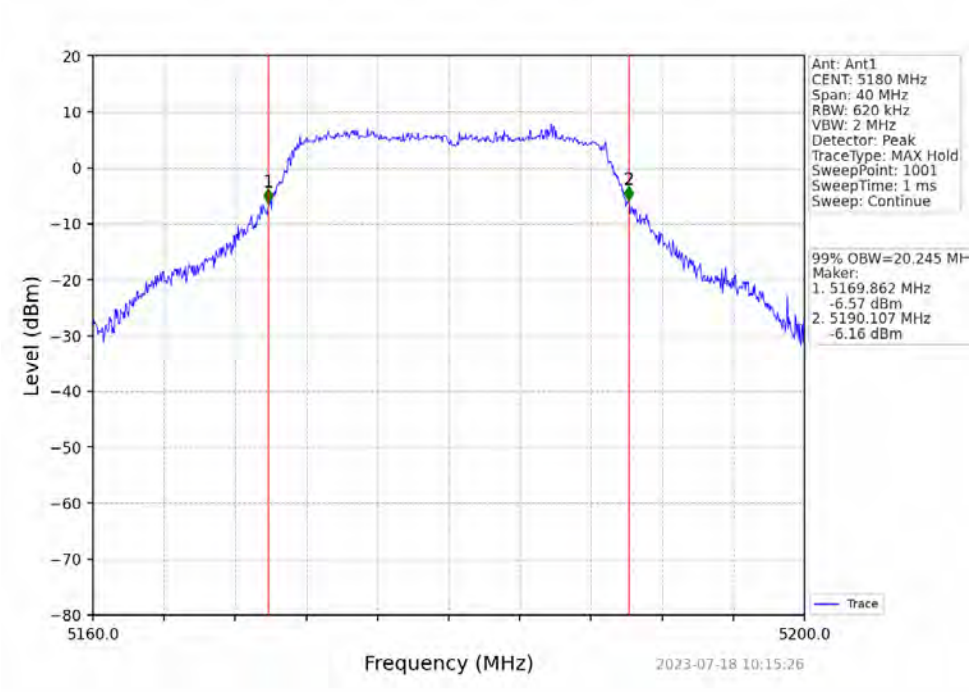
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



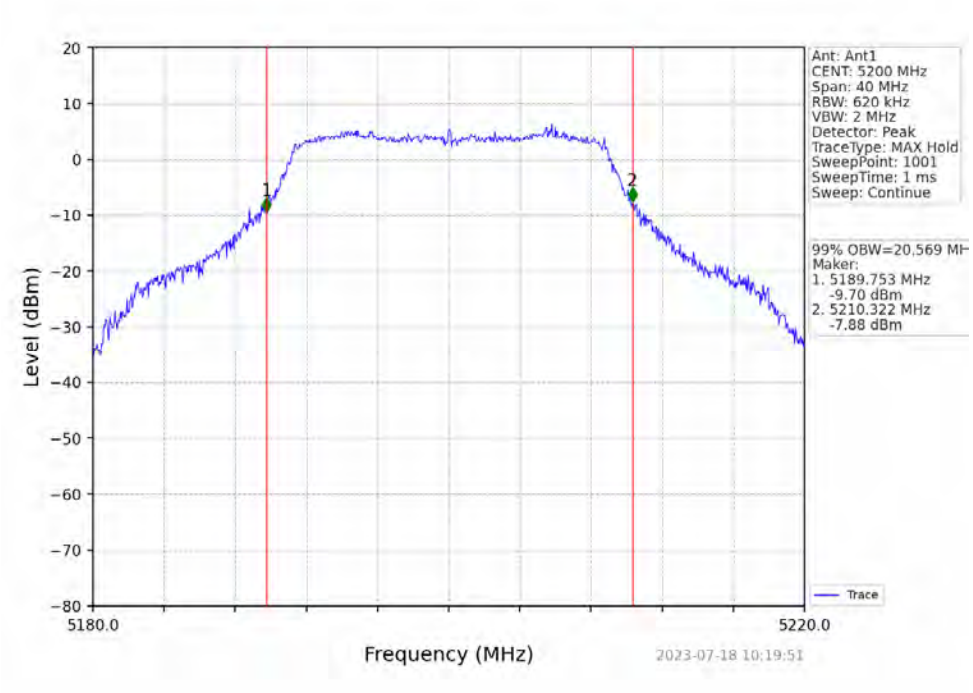
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



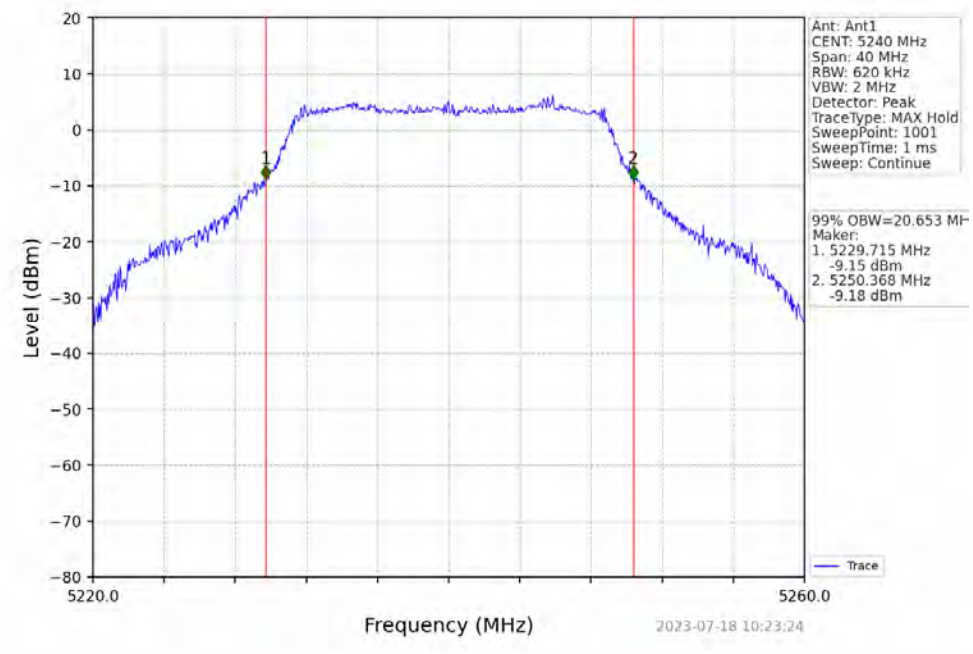
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



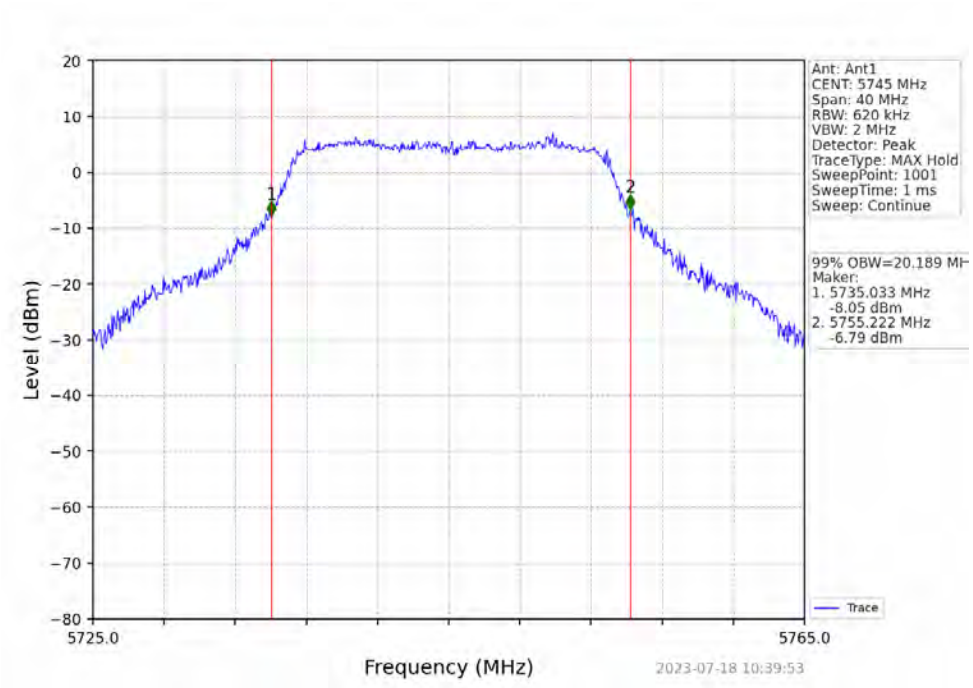
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



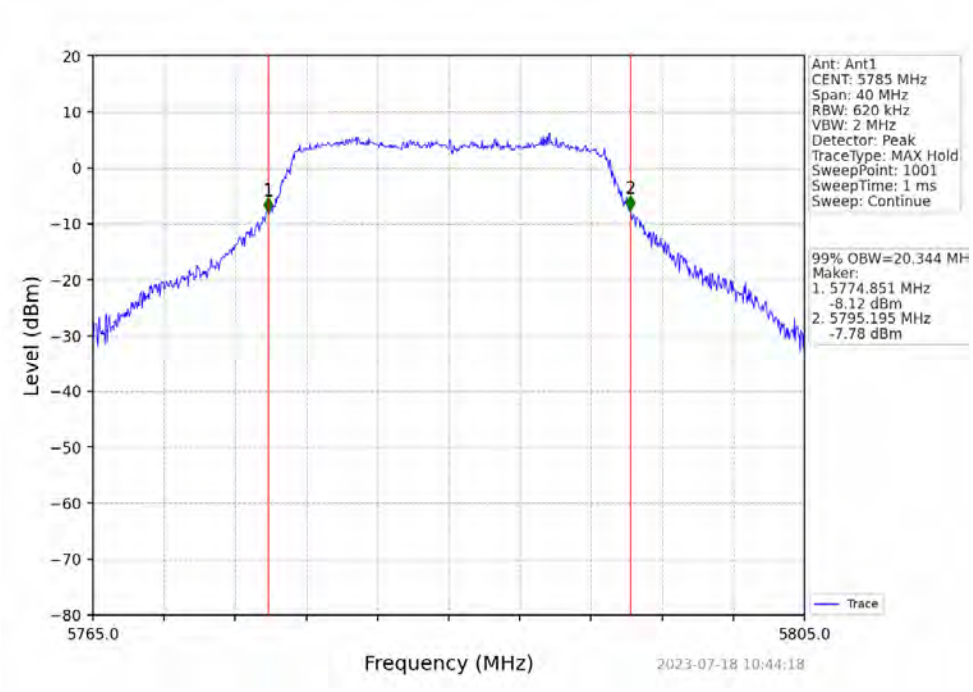
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



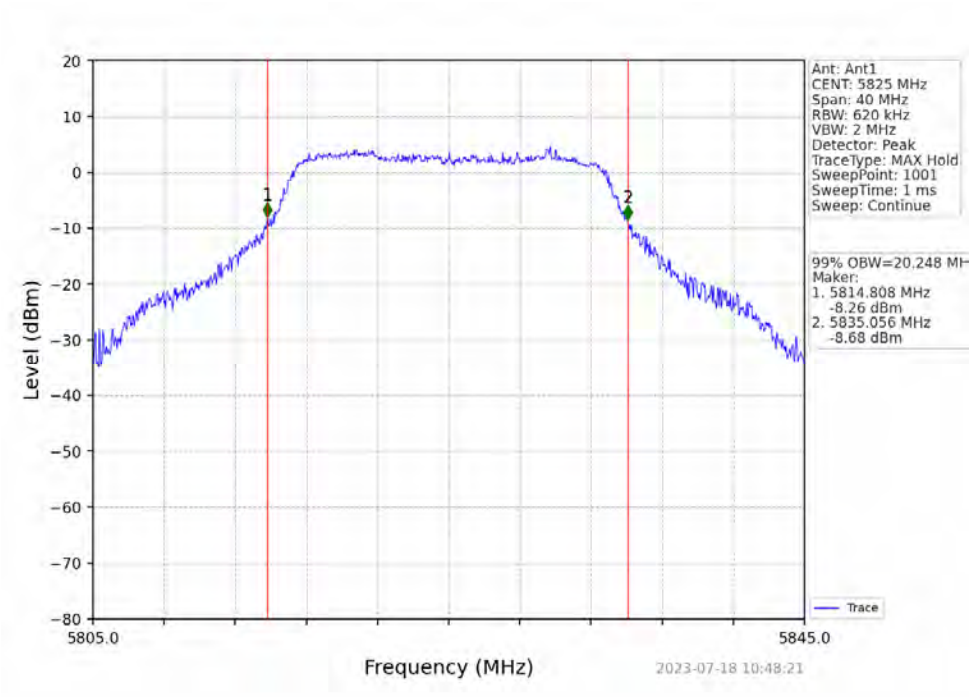
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



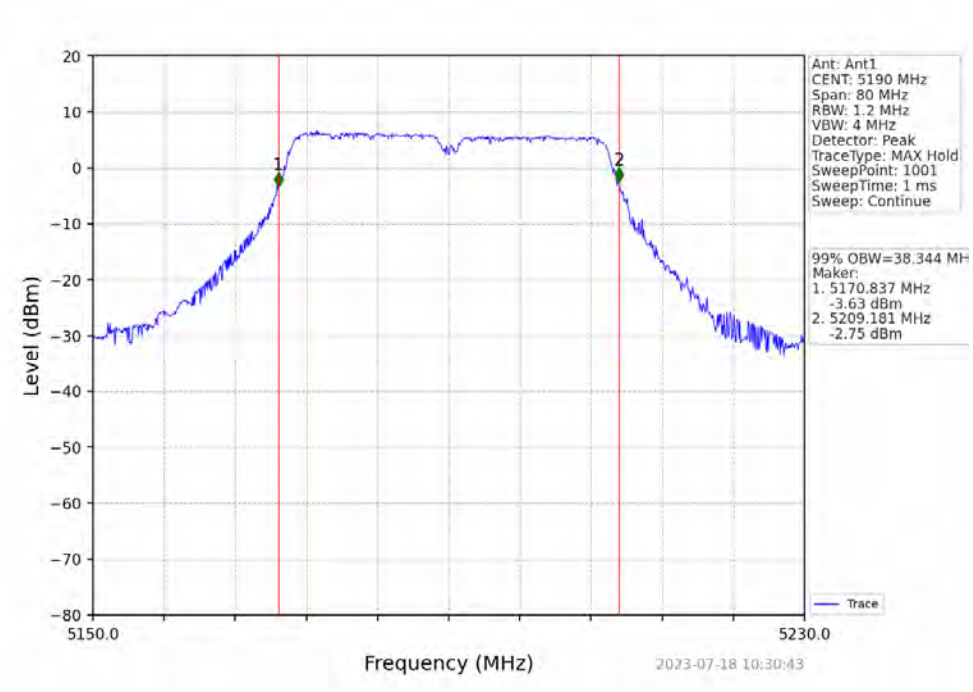
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



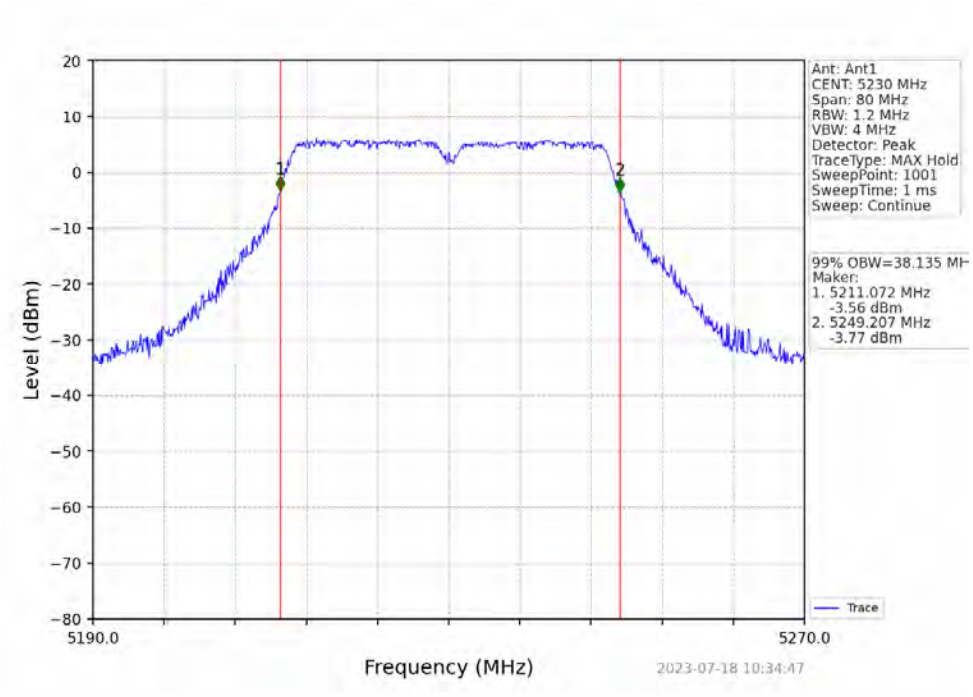
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



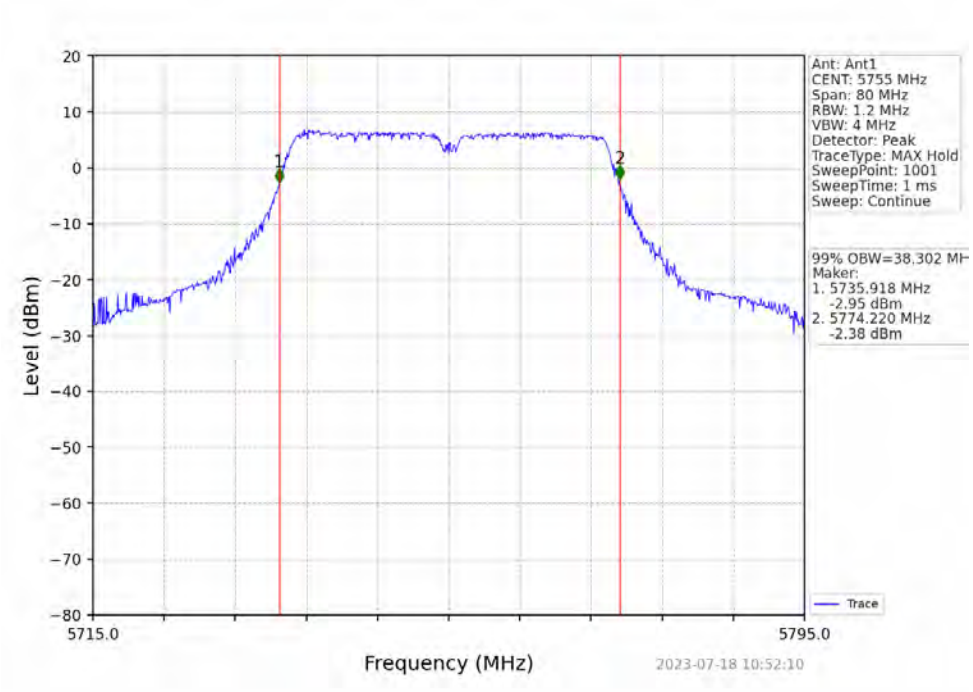
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



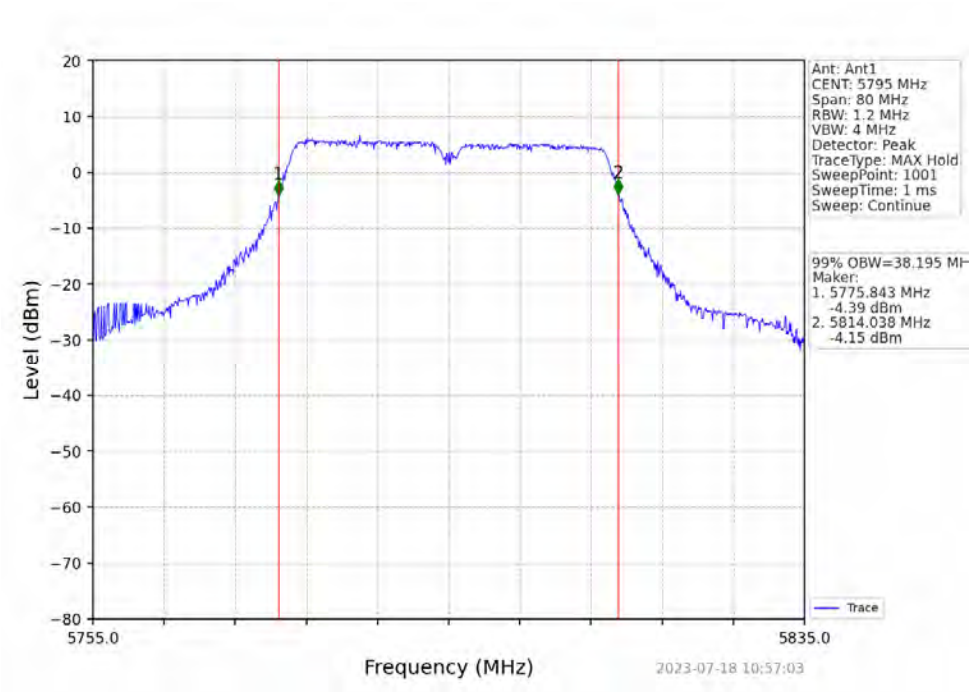
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



5 Maximum Power Spectral Density

5.1 Test Result

Band 1

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	6.04	<=11	Pass
		5200	5.22	<=11	Pass
		5240	5.36	<=11	Pass
802.11n (HT20)	SISO	5180	-6.92	<=11	Pass
		5200	-7.53	<=11	Pass
		5240	-7.39	<=11	Pass
802.11n (HT40)	SISO	5190	-10.42	<=11	Pass
		5230	-10.91	<=11	Pass
802.11ac (VHT20)	SISO	5180	0.97	<=11	Pass
		5200	-0.31	<=11	Pass
		5240	-0.56	<=11	Pass
802.11ac (VHT40)	SISO	5190	-3.22	<=11	Pass
		5230	-3.71	<=11	Pass

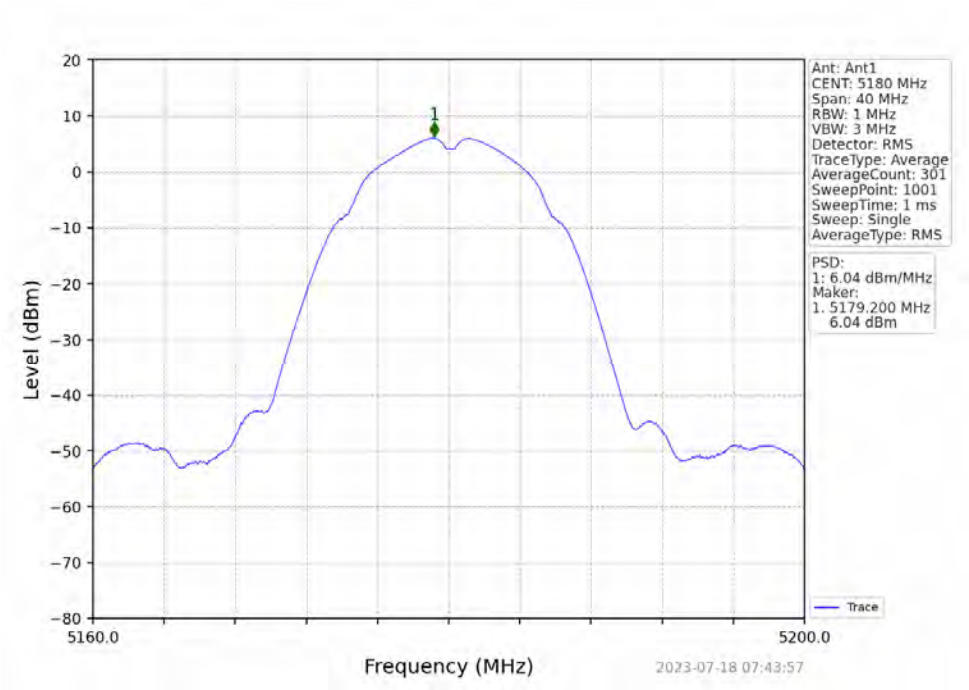
Band 3

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5745	7.63	<=30	Pass
		5785	7.30	<=30	Pass
		5825	6.47	<=30	Pass
802.11n (HT20)	SISO	5745	-4.91	<=30	Pass
		5785	-5.28	<=30	Pass
		5825	-6.53	<=30	Pass
802.11n (HT40)	SISO	5755	-8.26	<=30	Pass
		5795	-8.87	<=30	Pass
802.11ac (VHT20)	SISO	5745	-2.27	<=30	Pass
		5785	-2.79	<=30	Pass
		5825	-4.06	<=30	Pass
802.11ac (VHT40)	SISO	5755	-5.80	<=30	Pass
		5795	-6.53	<=30	Pass

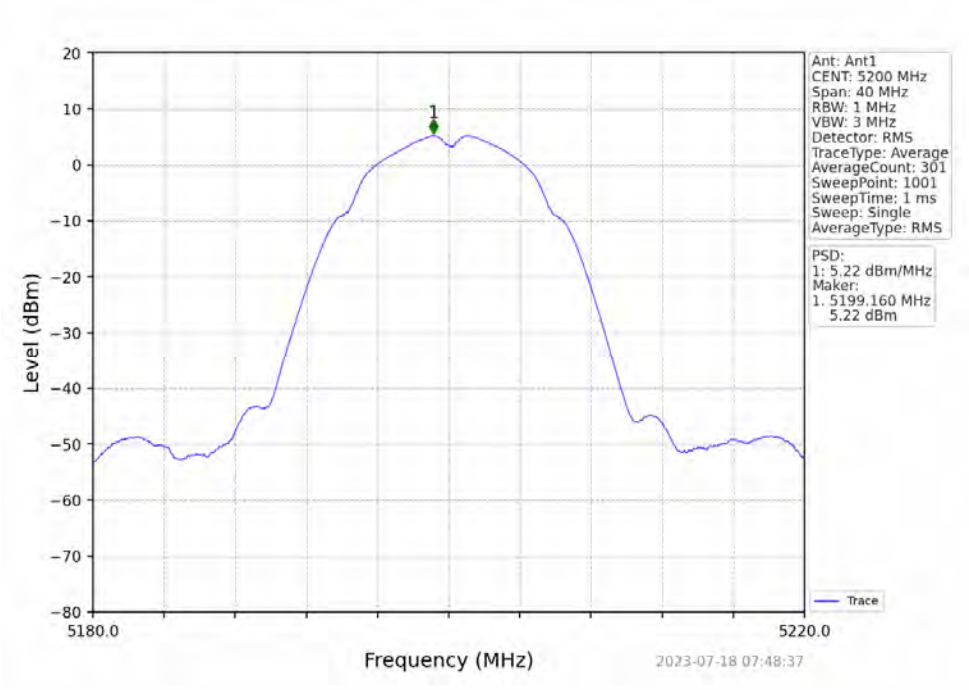
5.2 Test Graphs

Band 1

802.11a_LCH_5180MHz_Ant1_NTNV



802.11a_MCH_5200MHz_Ant1_NTNV



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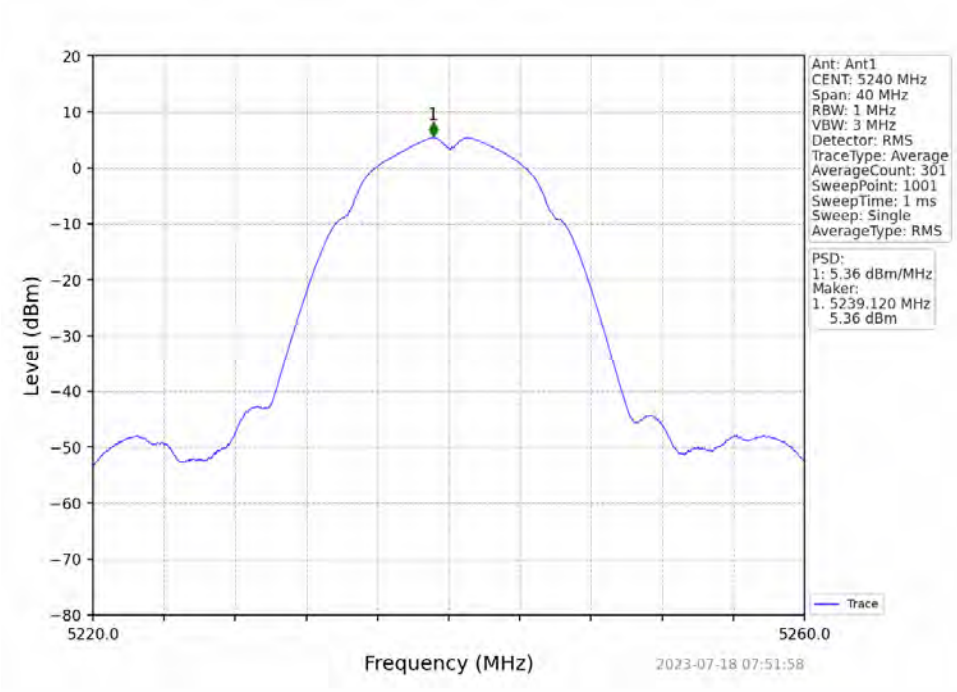

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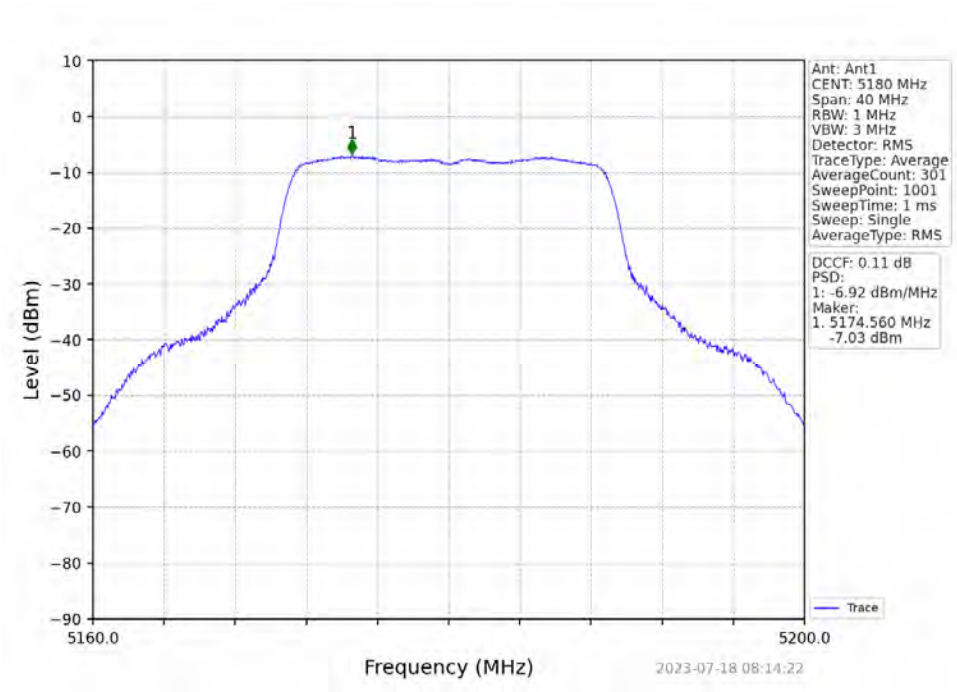

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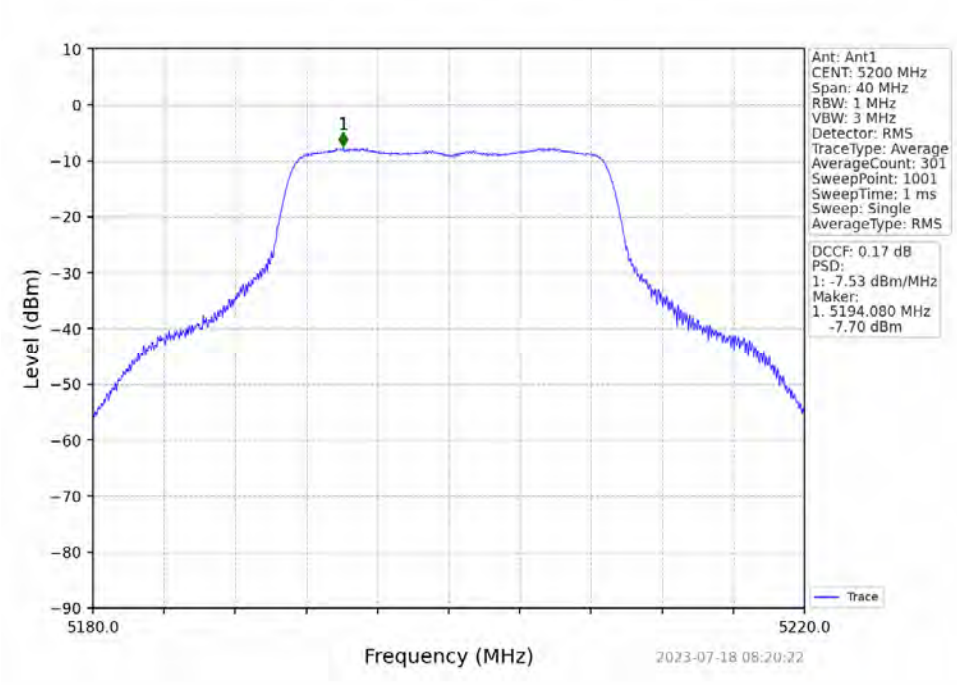

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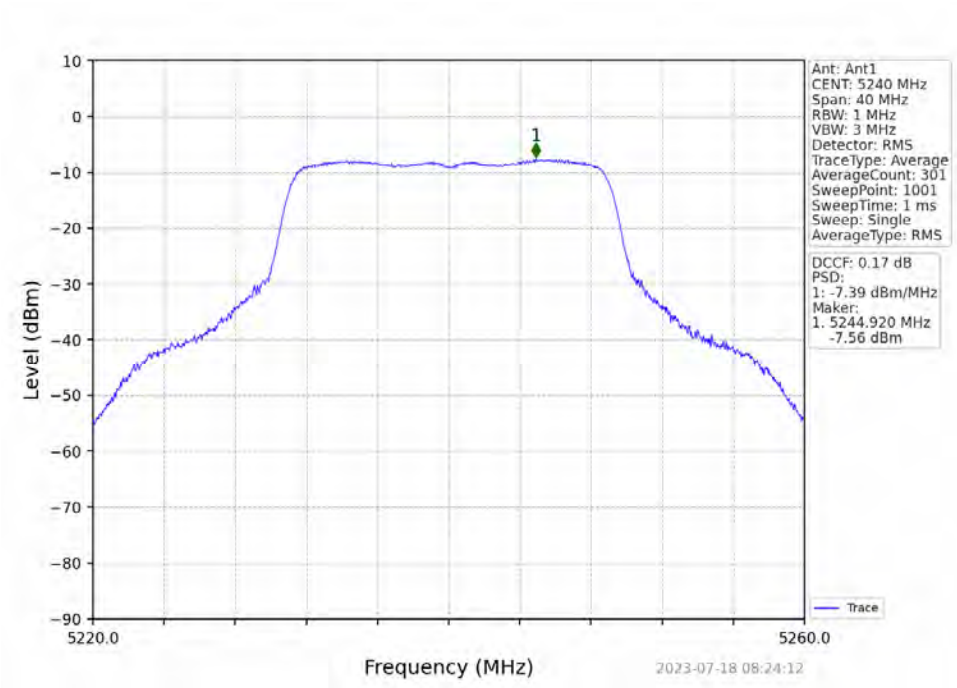

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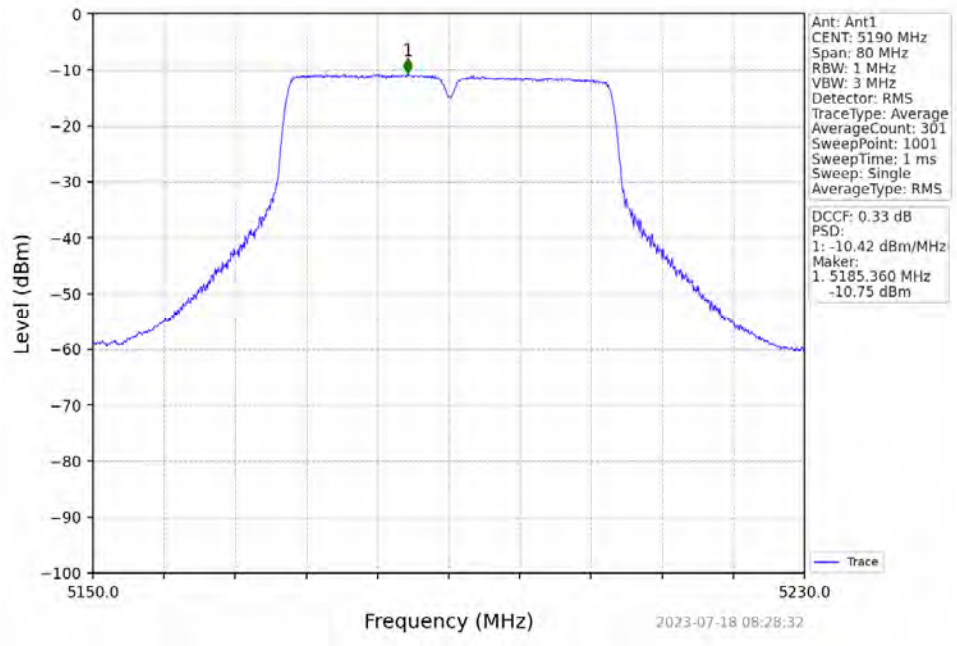
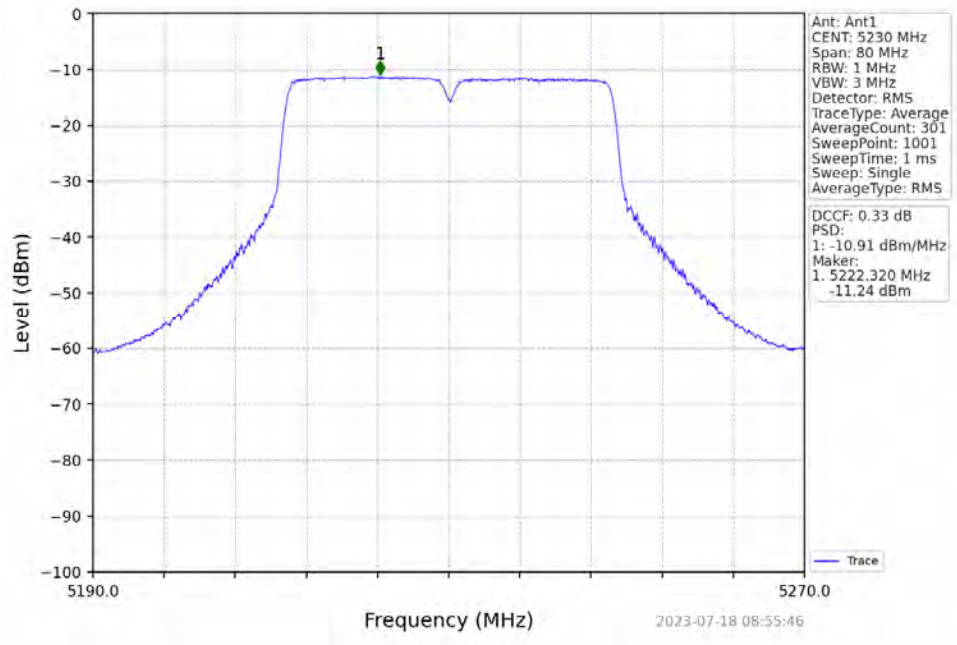
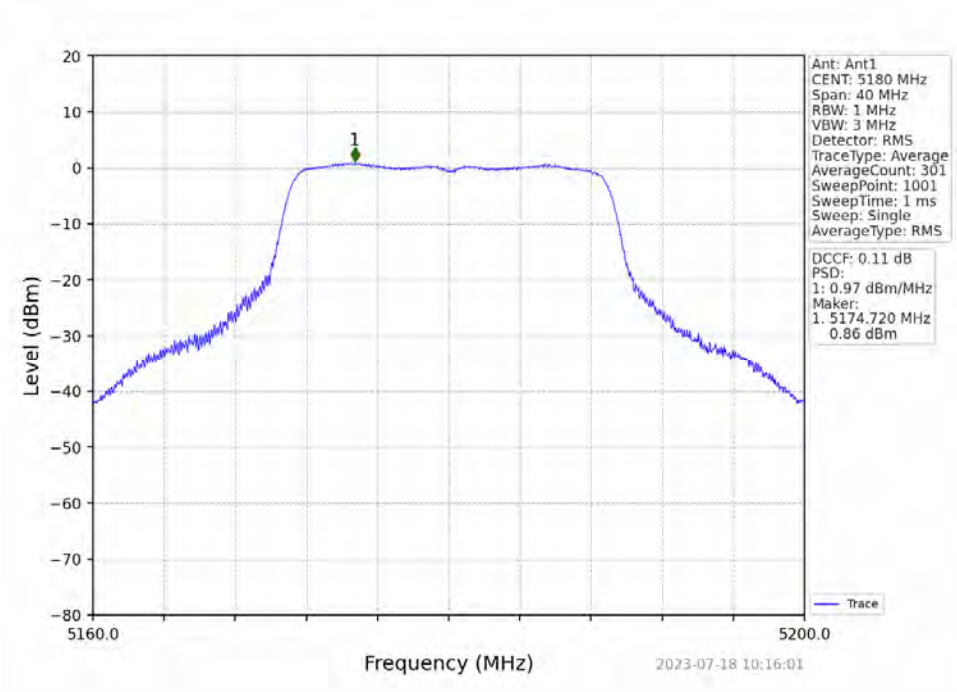


802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



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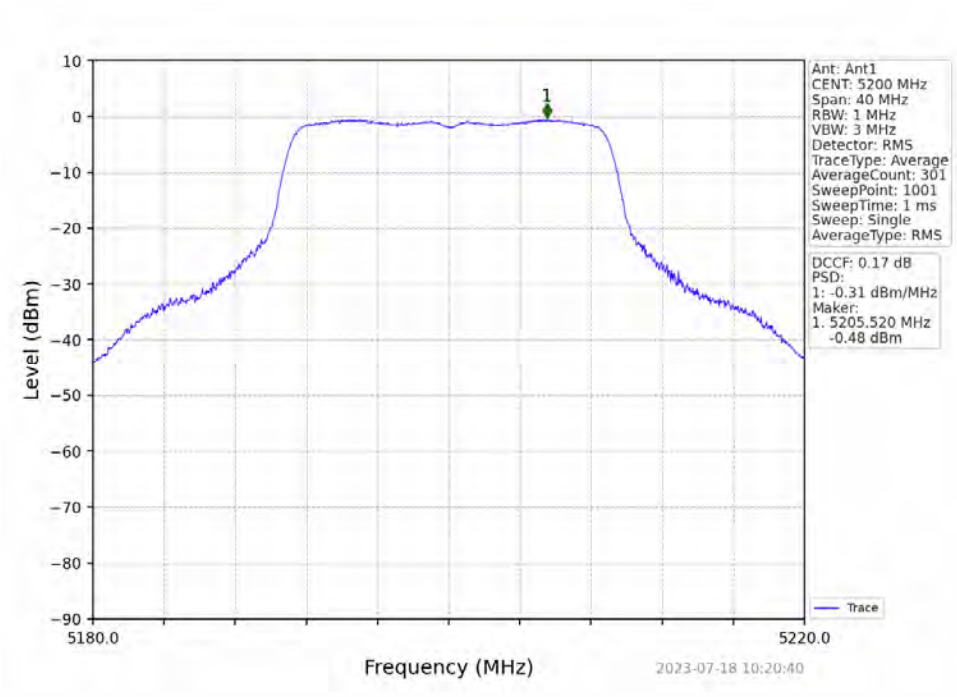

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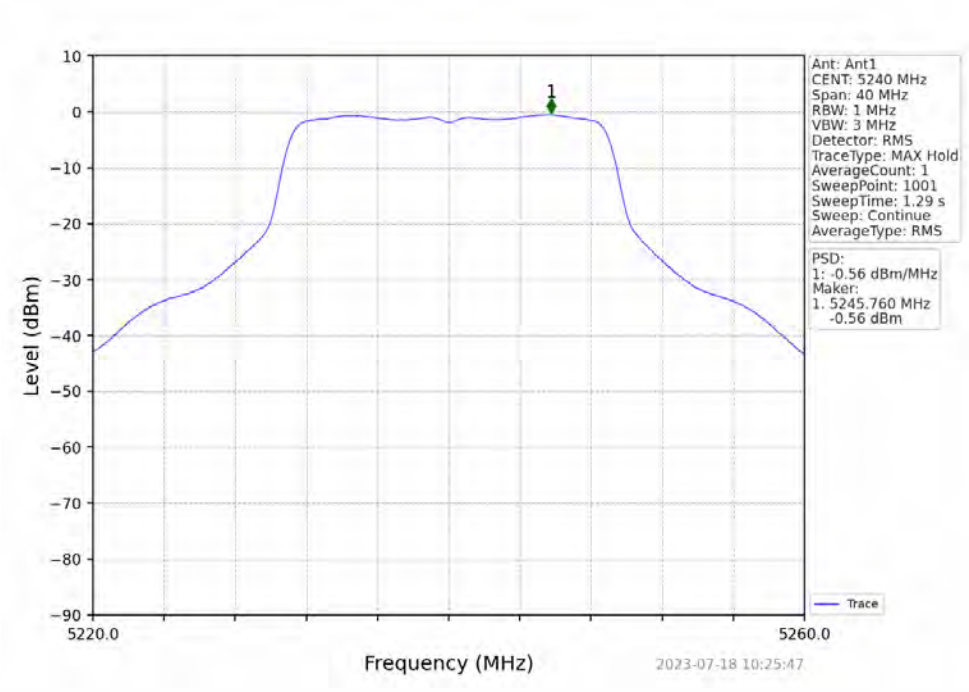
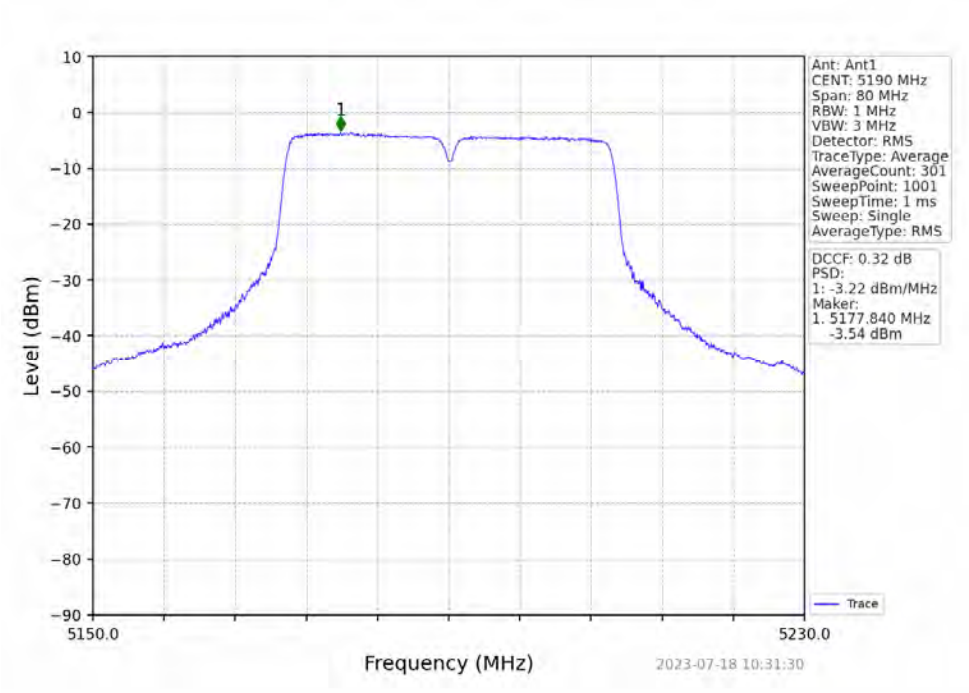
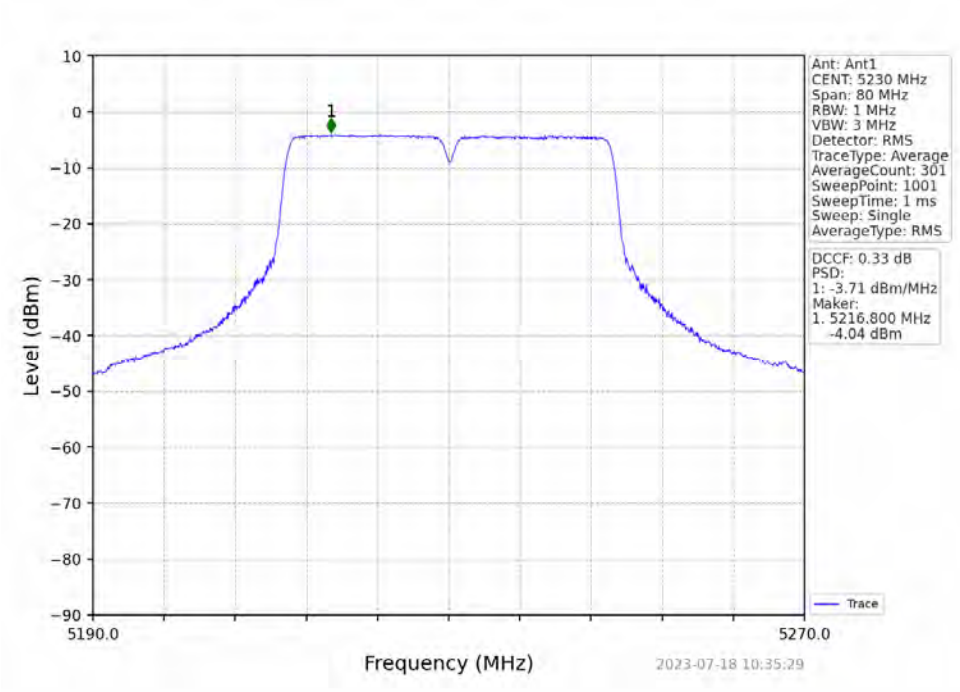


802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV

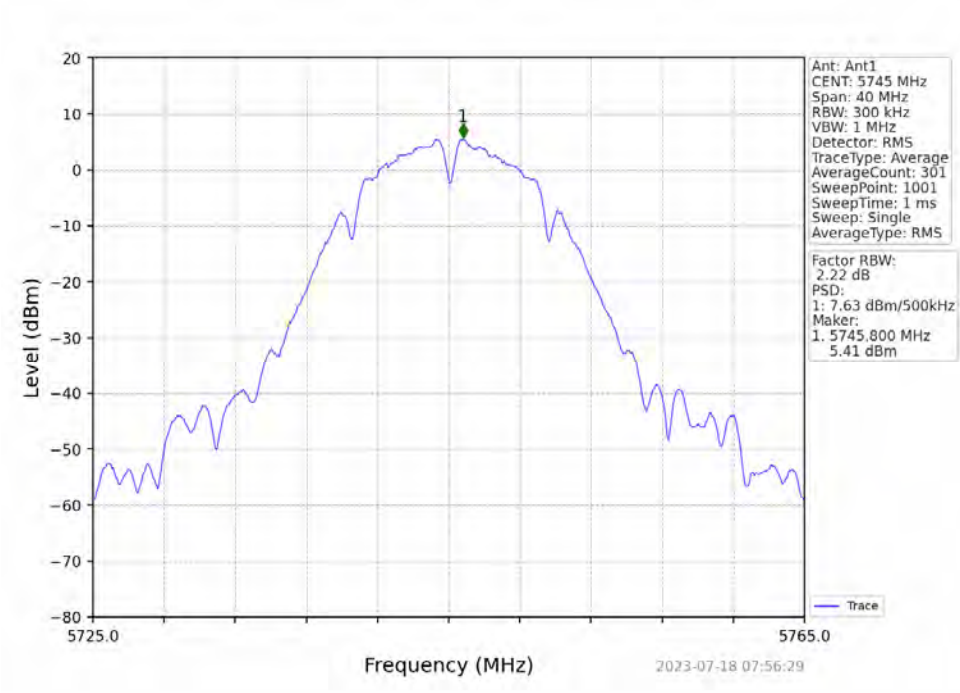


802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV

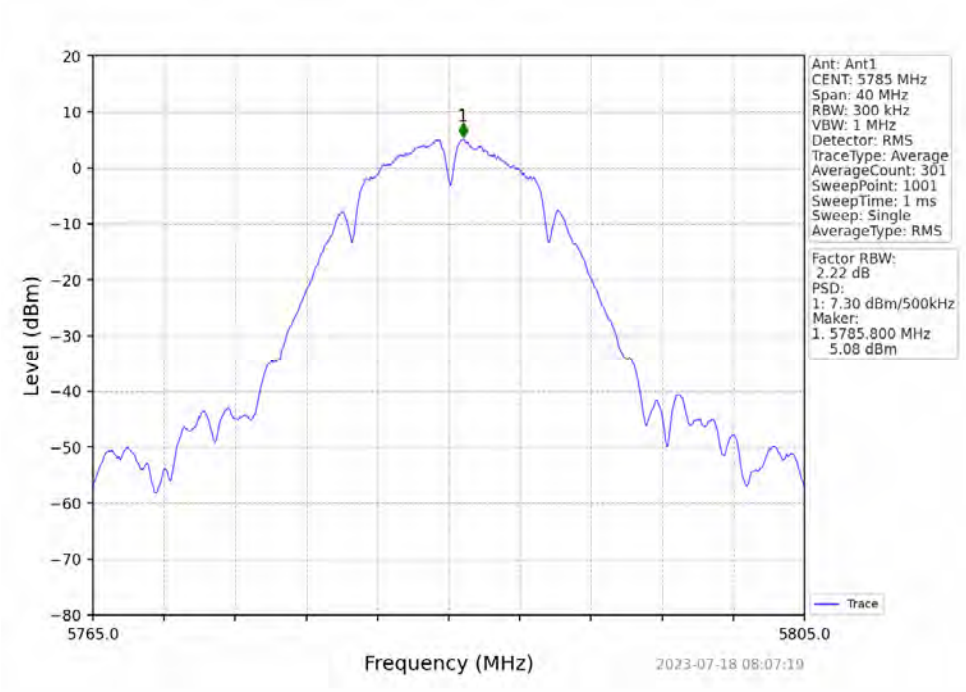


Band3

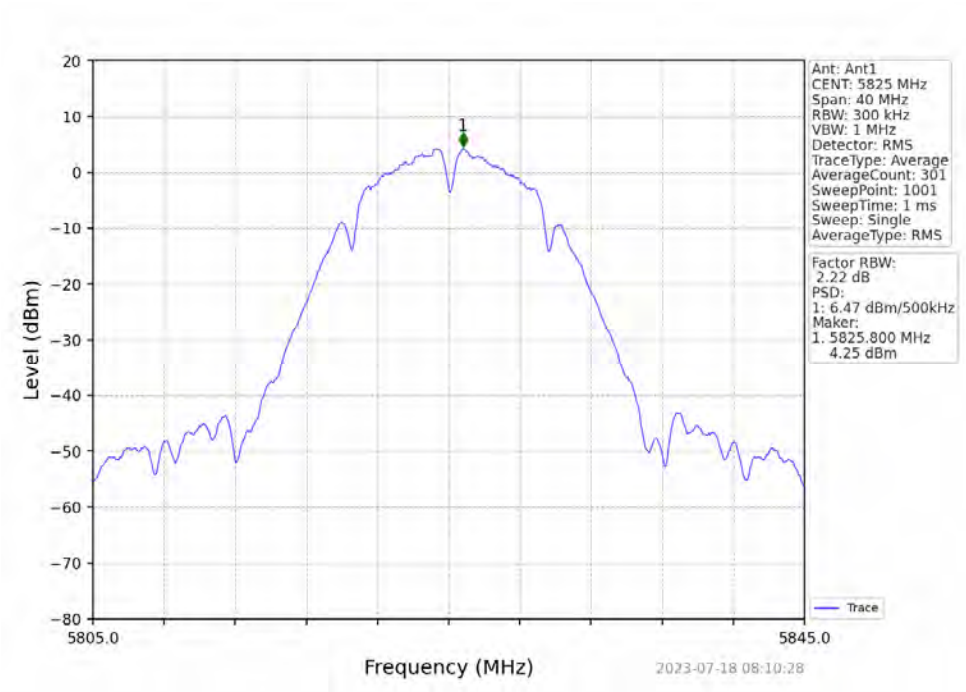
802.11a_LCH_5745MHz_Ant1_NTNV



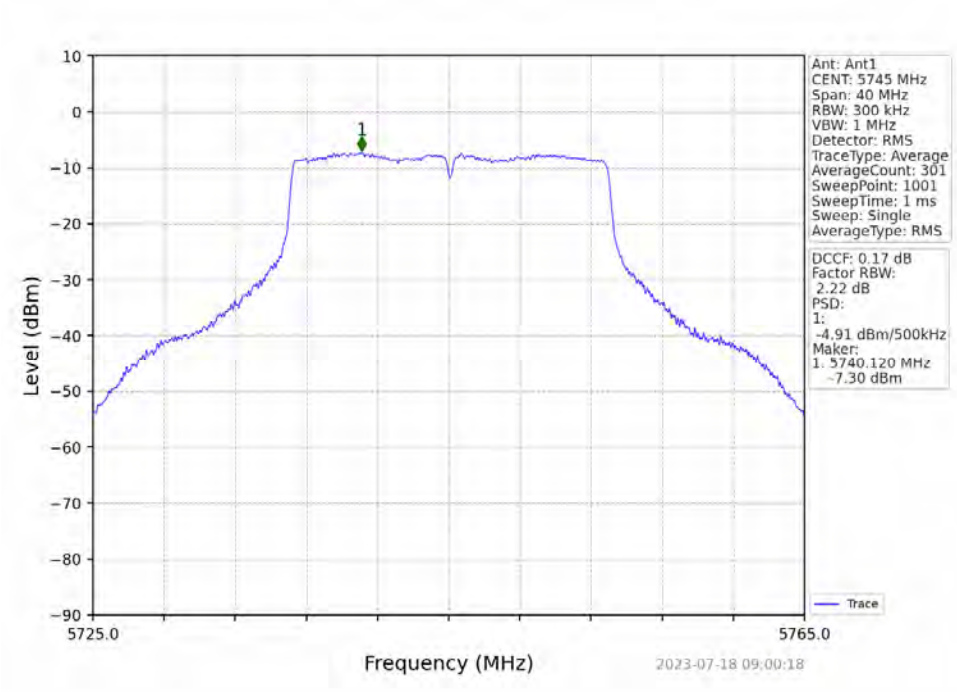
802.11a_MCH_5785MHz_Ant1_NTNV



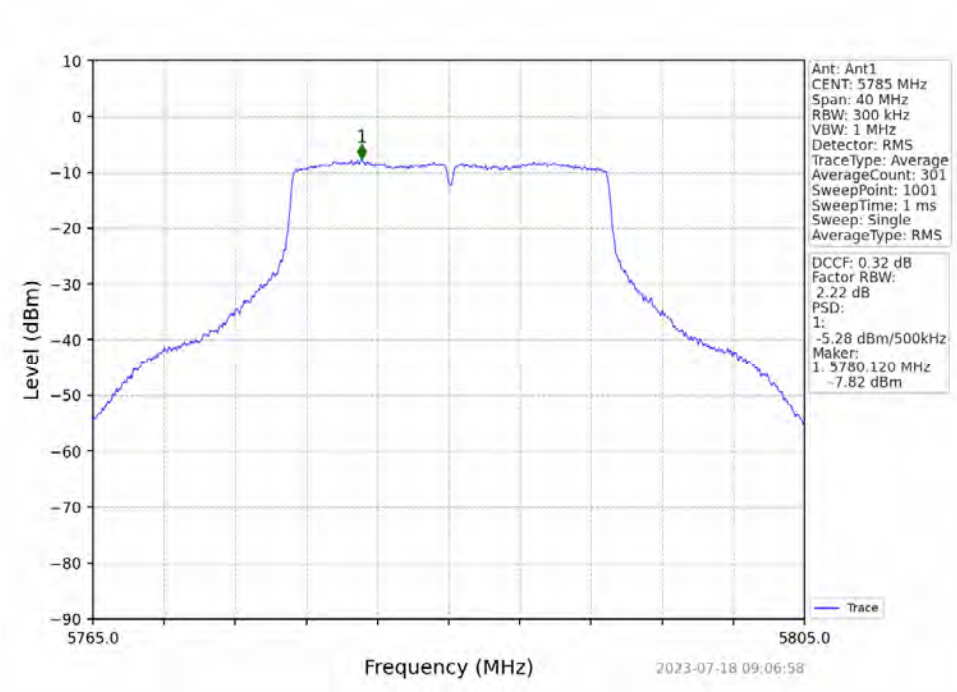
802.11a_HCH_5825MHz_Ant1_NTNV



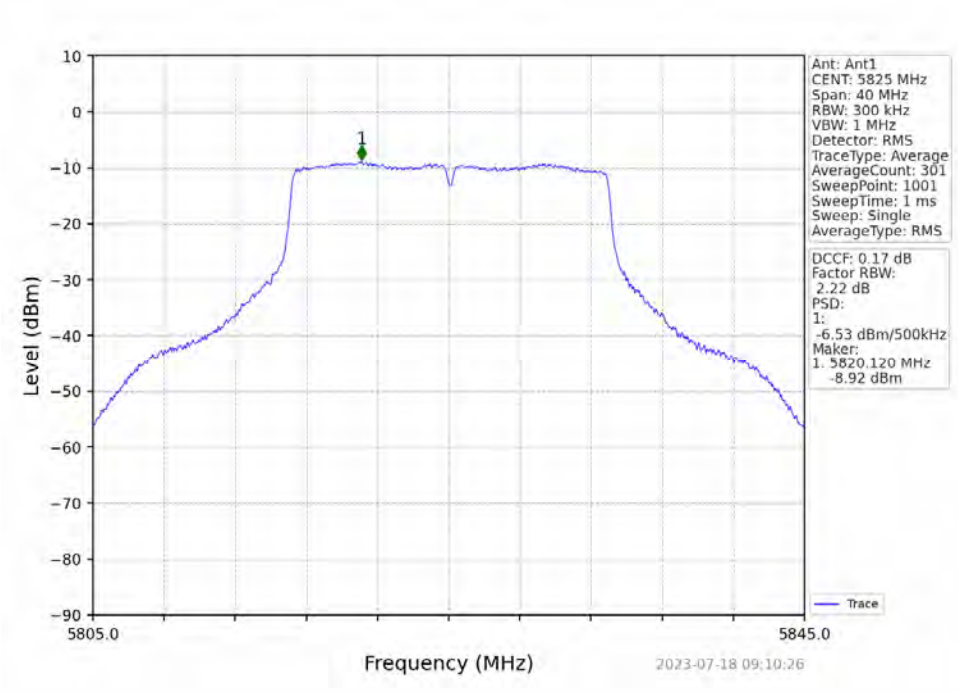
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



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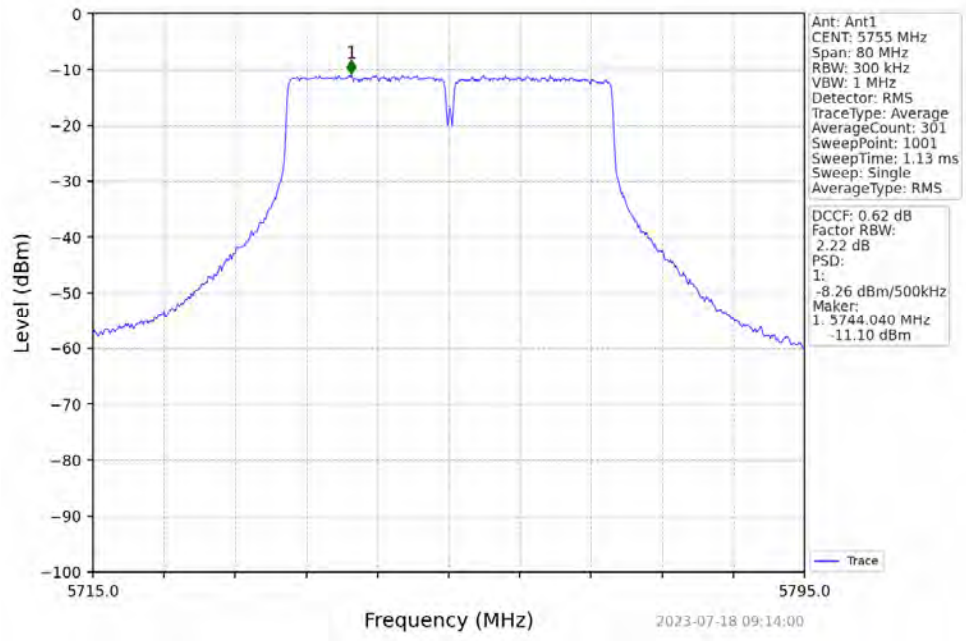
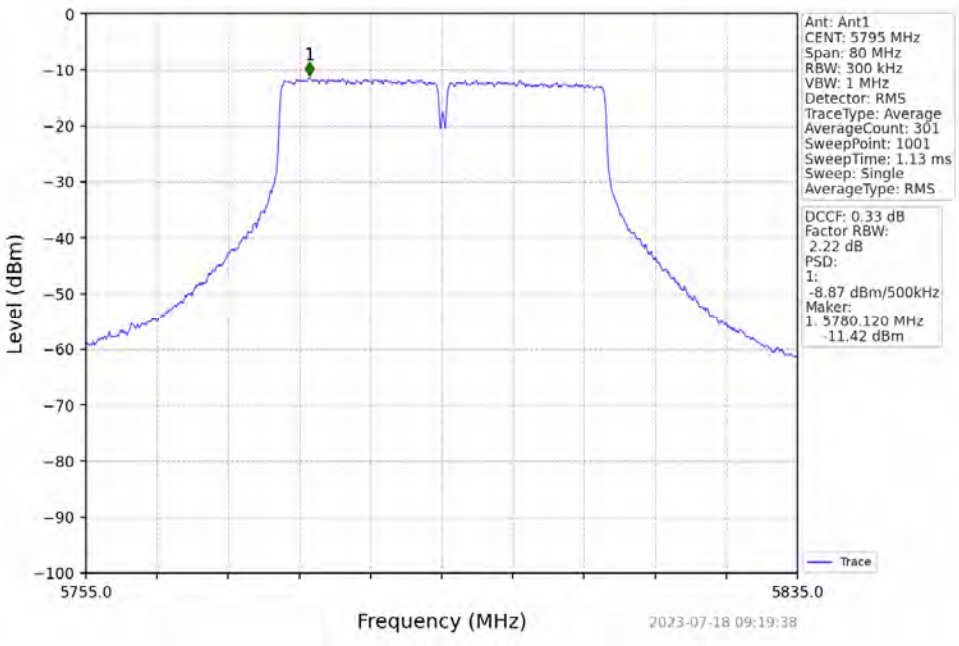
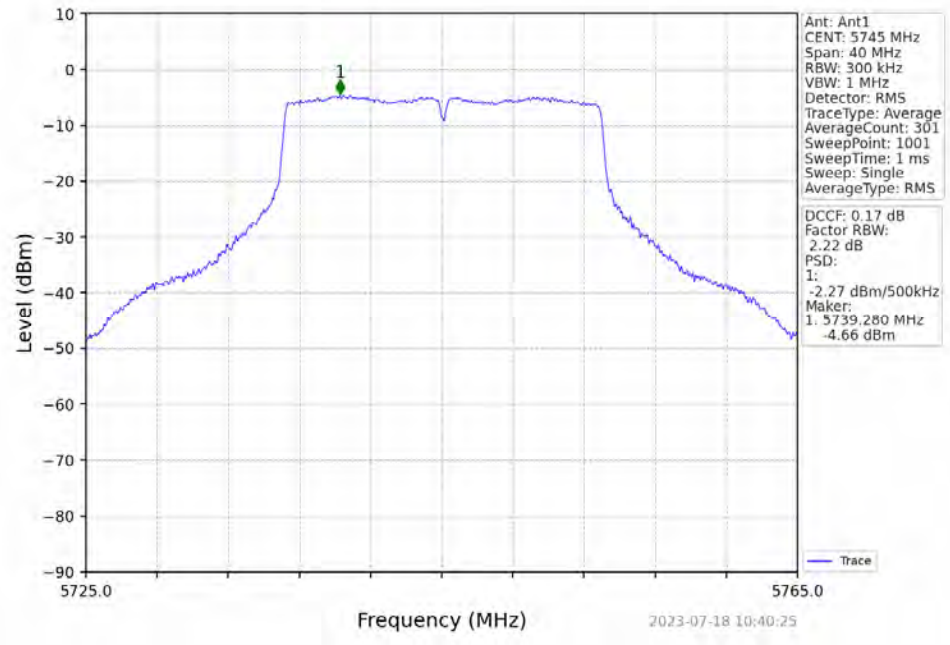


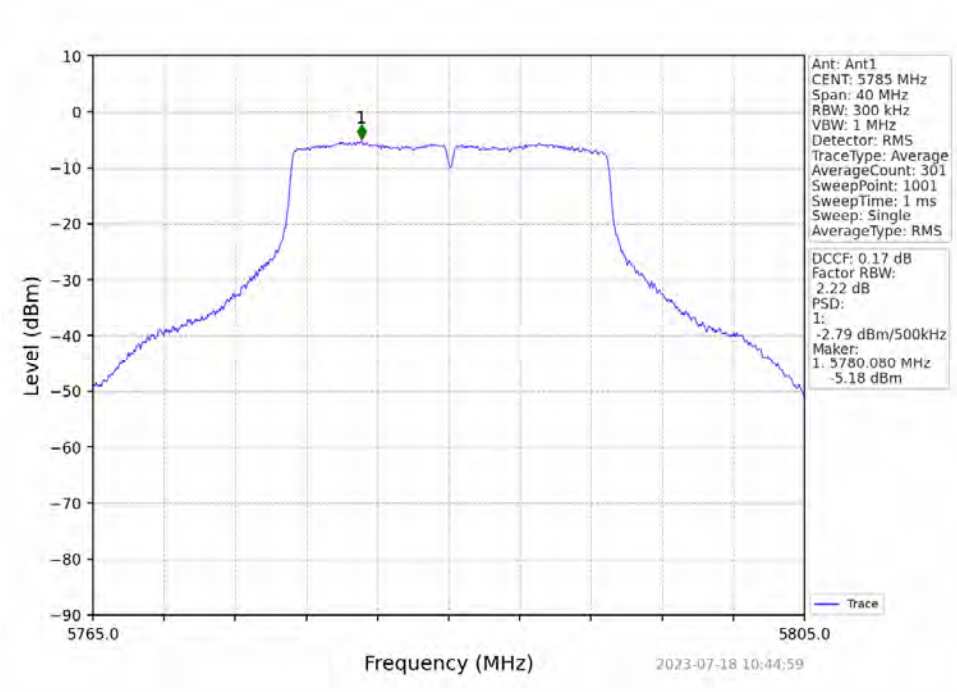
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



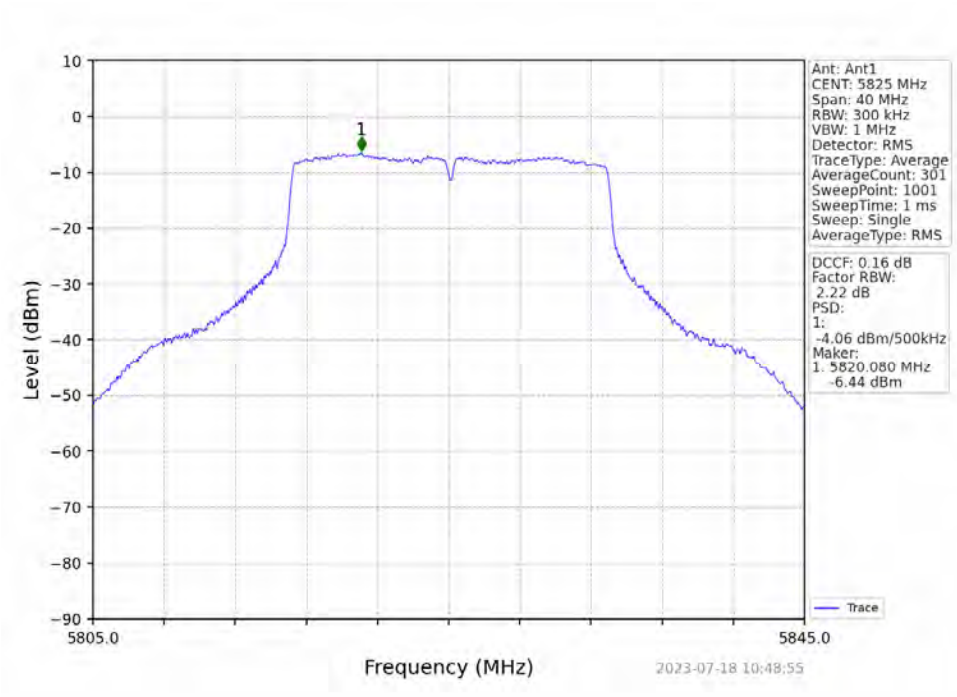
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



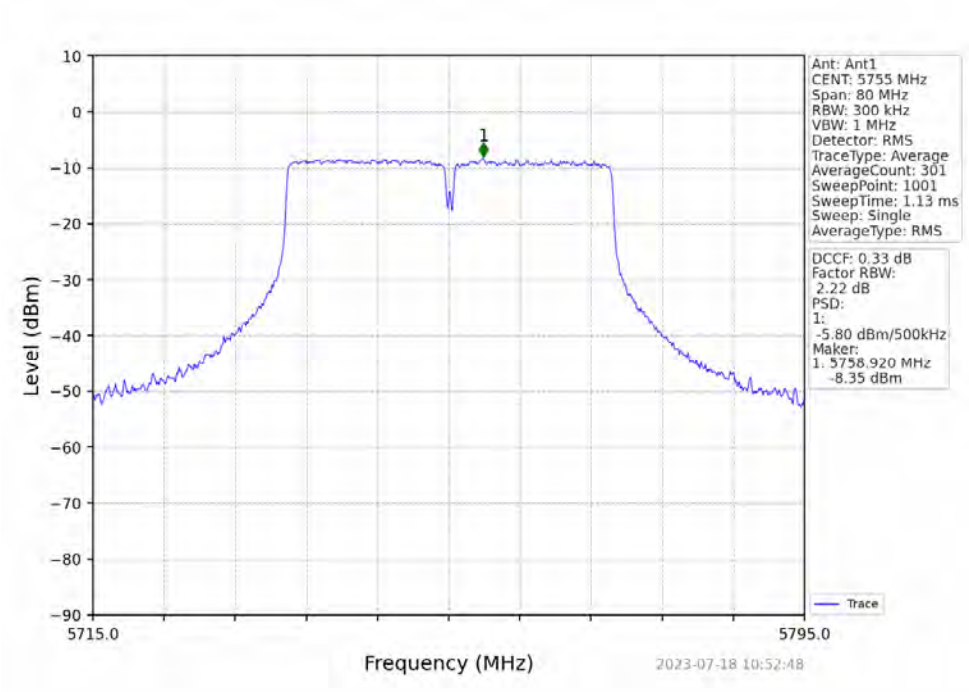
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



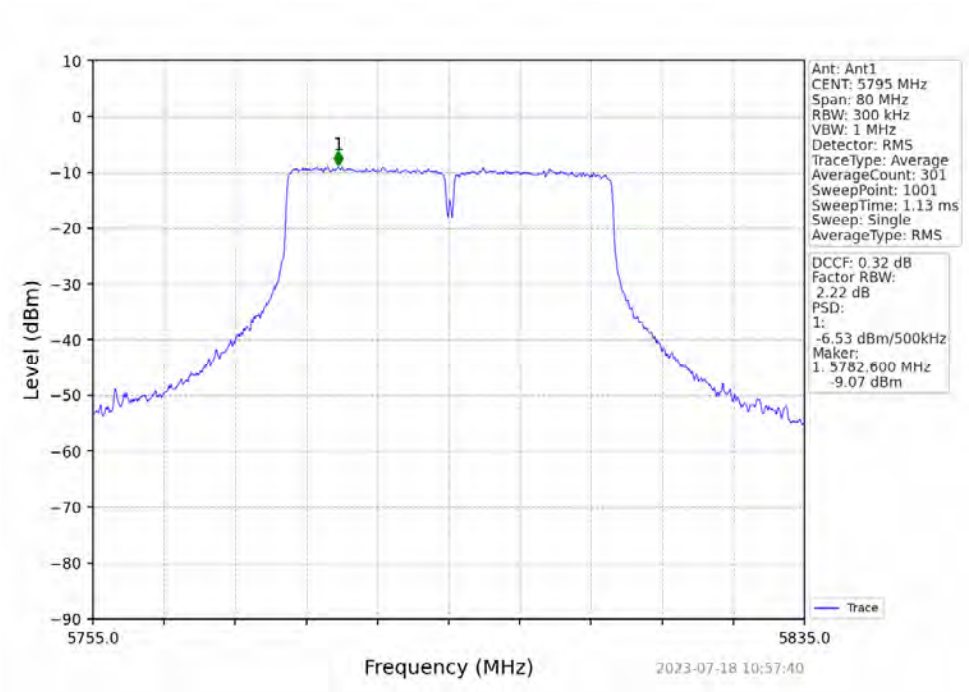
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



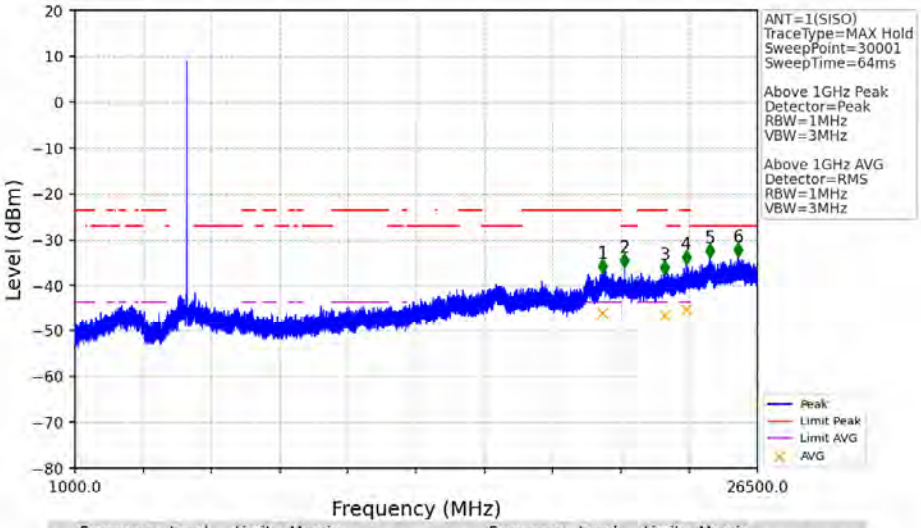
6 Undesirable Emissions Measurement

6.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Unwanted Emissions (dBm)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	Refer To Test Graph		Pass
		5200	1	Refer To Test Graph		Pass
		5240	1	Refer To Test Graph		Pass
		5745	1	Refer To Test Graph		Pass
		5785	1	Refer To Test Graph		Pass
		5825	1	Refer To Test Graph		Pass
802.11n (HT20)	SISO	5180	1	Refer To Test Graph		Pass
		5200	1	Refer To Test Graph		Pass
		5240	1	Refer To Test Graph		Pass
		5745	1	Refer To Test Graph		Pass
		5785	1	Refer To Test Graph		Pass
		5825	1	Refer To Test Graph		Pass
802.11n (HT40)	SISO	5190	1	Refer To Test Graph		Pass
		5230	1	Refer To Test Graph		Pass
		5755	1	Refer To Test Graph		Pass
		5795	1	Refer To Test Graph		Pass
802.11ac (VHT20)	SISO	5180	1	Refer To Test Graph		Pass
		5200	1	Refer To Test Graph		Pass
		5240	1	Refer To Test Graph		Pass
		5745	1	Refer To Test Graph		Pass
		5785	1	Refer To Test Graph		Pass
		5825	1	Refer To Test Graph		Pass
802.11ac (VHT40)	SISO	5190	1	Refer To Test Graph		Pass
		5230	1	Refer To Test Graph		Pass
		5755	1	Refer To Test Graph		Pass
		5795	1	Refer To Test Graph		Pass

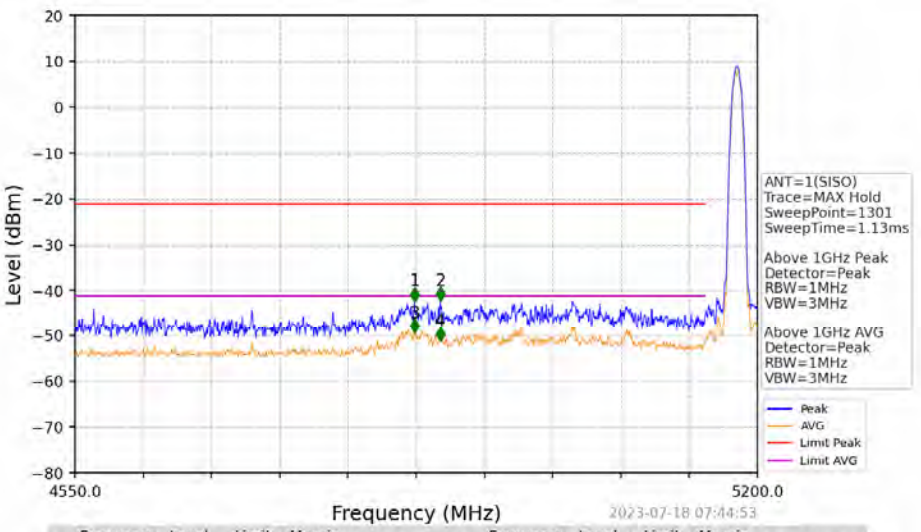
6.2 Test Graphs

802.11a_LCH_5180MHz_Ant1_NTNV



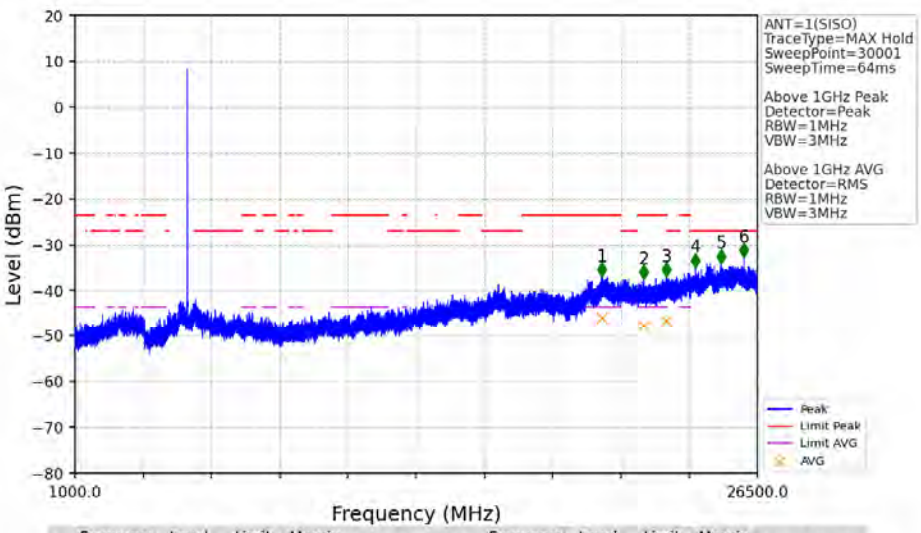
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20708.1	-37.30	-21.20	13.75	Pass	Peak	7	20708.1	-46.02	-41.20	2.47	Pass	AVG
2	21540.25	-36.07	-27.00	6.72	Pass	Peak	8	21540.25	/	-27.00	/	/	AVG
3	23043.05	-37.63	-21.20	14.08	Pass	Peak	9	23043.05	-46.57	-41.20	3.02	Pass	AVG
4	23846.3	-35.45	-21.20	11.90	Pass	Peak	10	23846.3	-45.32	-41.20	1.77	Pass	AVG
5	24724.35	-33.95	-27.00	4.60	Pass	Peak	11	24724.35	/	-27.00	/	/	AVG
6	25777.5	-33.85	-27.00	4.50	Pass	Peak	12	25777.5	/	-27.00	/	/	AVG

802.11a_LCH_5180MHz_Ant1_NTNV



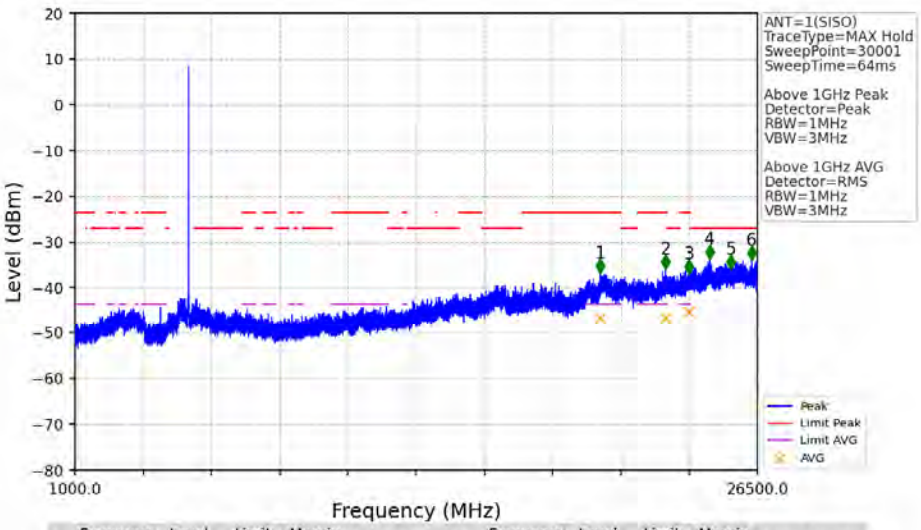
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	4873.500	-42.35	-21.20	18.80	Pass	Peak	3	4873.500	/	-21.20	/	/	AVG
2	4898.000	-42.25	-21.20	18.70	Pass	Peak	4	4898.000	/	-21.20	/	/	AVG

802.11a_MCH_5200MHz_Ant1_NTNV



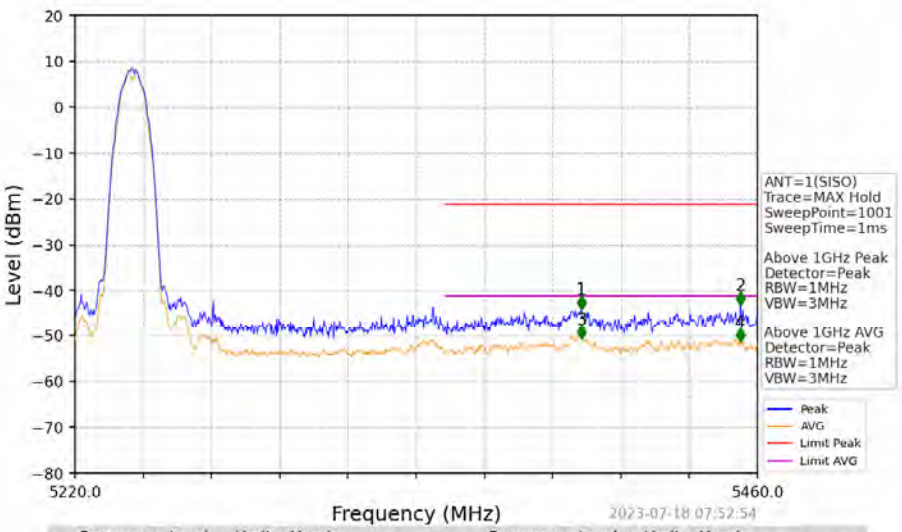
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20682.6	-37.01	-21.20	13.46	Pass	Peak	7	20682.6	-45.88	-41.20	2.33	Pass	AVG
2	22258.5	-37.48	-21.20	13.93	Pass	Peak	8	22258.5	-47.69	-41.20	4.14	Pass	AVG
3	23091.5	-36.97	-21.20	13.42	Pass	Peak	9	23091.5	-46.73	-41.20	3.18	Pass	AVG
4	24186.3	-34.93	-27.00	5.58	Pass	Peak	10	24186.3	/	-27.00	/	/	AVG
5	25139.15	-34.08	-27.00	4.73	Pass	Peak	11	25139.15	/	-27.00	/	/	AVG
6	26001.05	-32.68	-27.00	3.33	Pass	Peak	12	26001.05	/	-27.00	/	/	AVG

802.11a_HCH_5240MHz_Ant1_NTNV



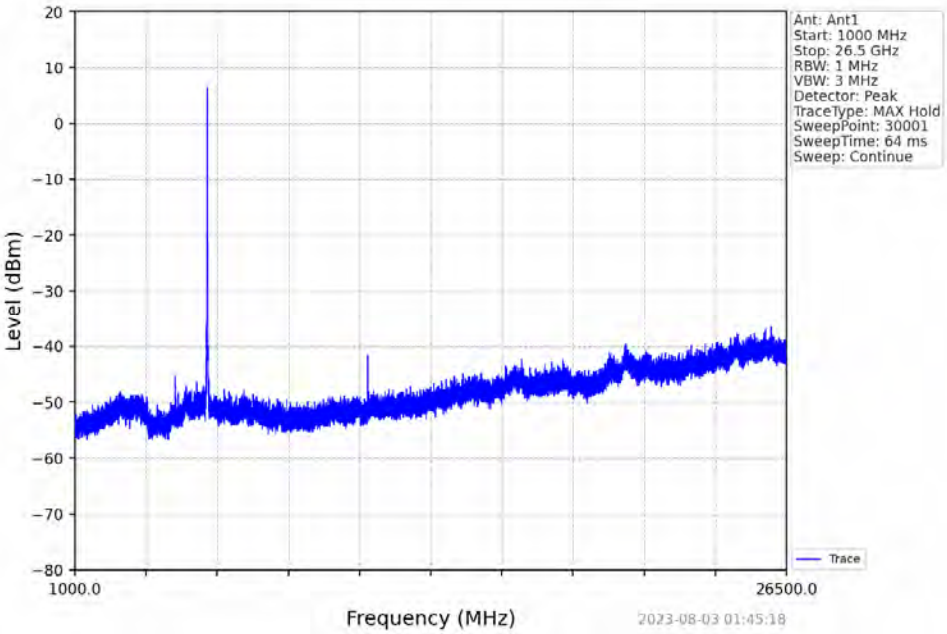
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20625.65	-36.78	-21.20	13.23	Pass	Peak	7	20625.65	-46.75	-41.20	3.20	Pass	AVG
2	23068.55	-35.90	-21.20	12.35	Pass	Peak	8	23068.55	-46.70	-41.20	3.15	Pass	AVG
3	23938.1	-37.02	-21.20	13.47	Pass	Peak	9	23938.1	-45.31	-41.20	1.76	Pass	AVG
4	24721.8	-33.80	-27.00	4.45	Pass	Peak	10	24721.8	/	-27.00	/	/	AVG
5	25506.35	-35.98	-27.00	6.63	Pass	Peak	11	25506.35	/	-27.00	/	/	AVG
6	26279	-33.98	-27.00	4.63	Pass	Peak	12	26279	/	-27.00	/	/	AVG

802.11a_HCH_5240MHz_Ant1_NTNV

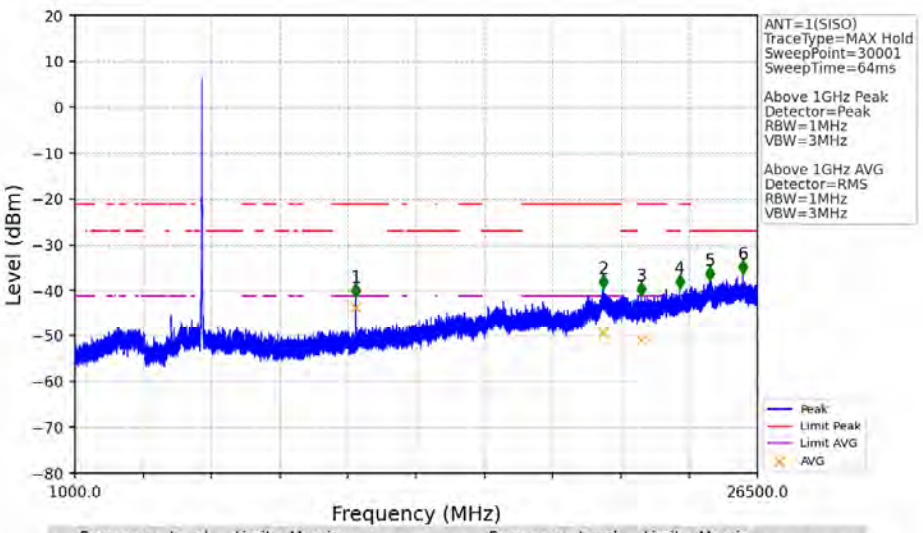


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5398.080	-44.21	-21.20	20.66	Pass	Peak	3	5398.080	/	-21.20	/	/	AVG
2	5454.000	-43.29	-21.20	19.74	Pass	Peak	4	5454.000	/	-21.20	/	/	AVG

802.11a_LCH_5745MHz_Ant1_NTNV

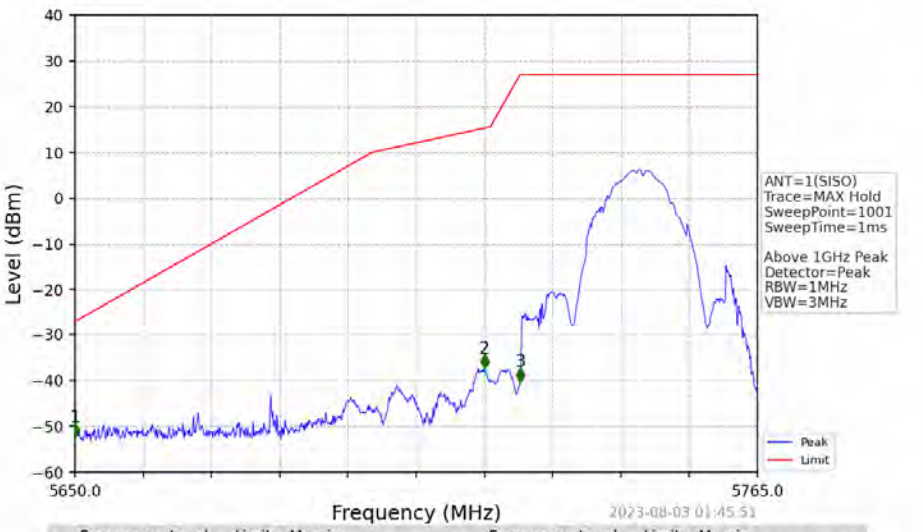


802.11a_LCH_5745MHz_Ant1_NTNV



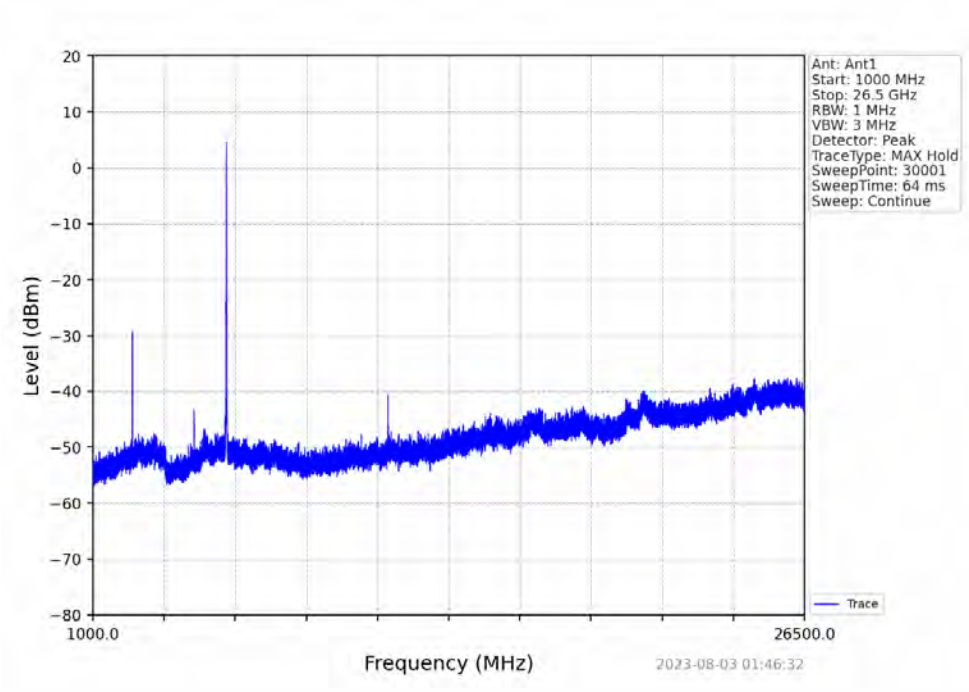
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	11490.7	-41.55	-21.20	20.36	Pass	Peak	7	11490.7	-43.68	-41.20	2.48	Pass	AVG
2	20756.55	-39.64	-21.20	18.44	Pass	Peak	8	20756.55	-49.40	-41.20	8.20	Pass	AVG
3	22165	-41.23	-21.20	20.02	Pass	Peak	9	22165	-50.89	-41.20	9.69	Pass	AVG
4	23593	-39.62	-27.00	12.62	Pass	Peak	10	23593	/	-27.00	/	/	AVG
5	24726.05	-37.82	-27.00	10.82	Pass	Peak	11	24726.05	/	-27.00	/	/	AVG
6	25950.05	-36.41	-27.00	9.41	Pass	Peak	12	25950.05	/	-27.00	/	/	AVG

802.11a_LCH_5745MHz_Ant1_NTNV

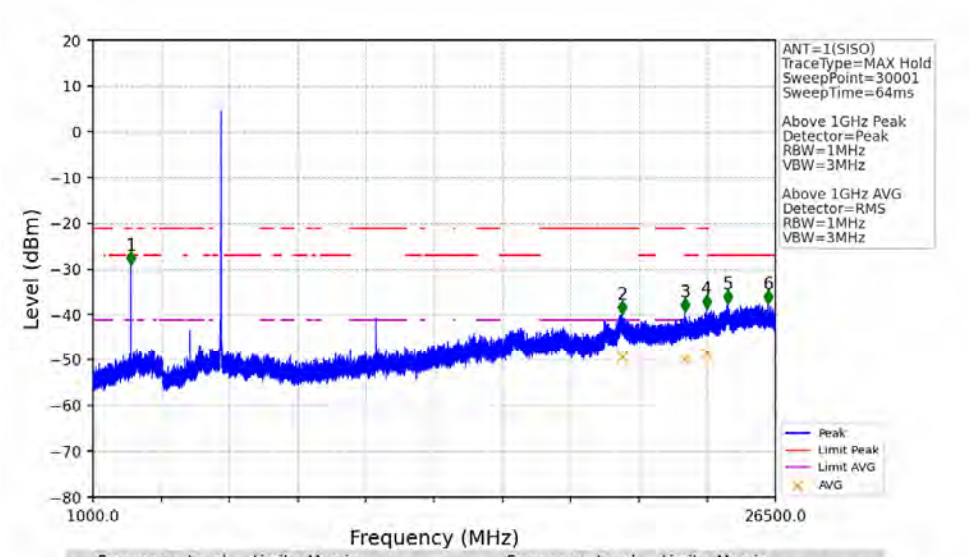


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-52.46	-27.00	25.46	Pass	Peak	3	5725.000	-40.33	27.00	67.33	Pass	Peak
2	5719.000	-37.44	15.32	52.76	Pass	Peak							

802.11a_MCH_5785MHz_Ant1_NTNV

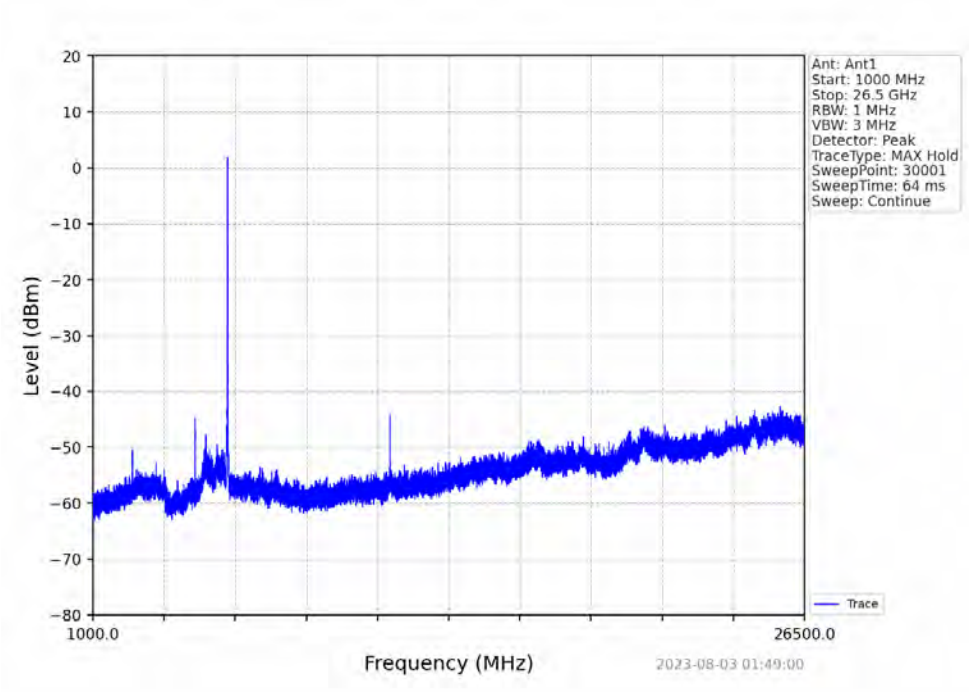


802.11a_MCH_5785MHz_Ant1_NTNV

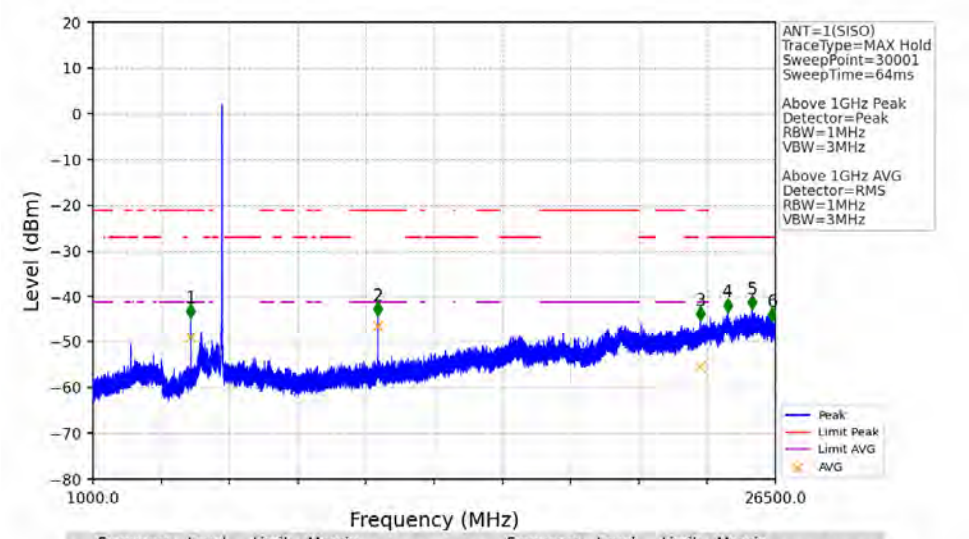


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	2413.55	-29.22	-27.00	2.22	Pass	Peak	7	2413.55	/	-27.00	/	/	AVG
2	20764.2	-39.95	-21.20	18.75	Pass	Peak	8	20764.2	-49.23	-41.20	8.03	Pass	AVG
3	23114.45	-39.49	-21.20	18.29	Pass	Peak	9	23114.45	-49.88	-41.20	8.68	Pass	AVG
4	23927.9	-38.81	-21.20	17.61	Pass	Peak	10	23927.9	-48.57	-41.20	7.37	Pass	AVG
5	24721.8	-37.73	-27.00	10.73	Pass	Peak	11	24721.8	/	-27.00	/	/	AVG
6	26220.35	-37.63	-27.00	10.63	Pass	Peak	12	26220.35	/	-27.00	/	/	AVG

802.11a_HCH_5825MHz_Ant1_NTNV

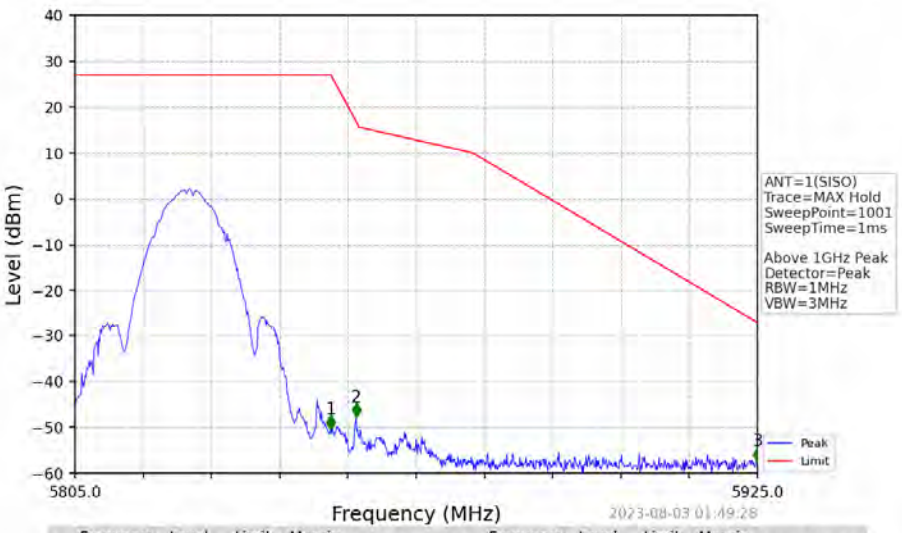


802.11a_HCH_5825MHz_Ant1_NTNV



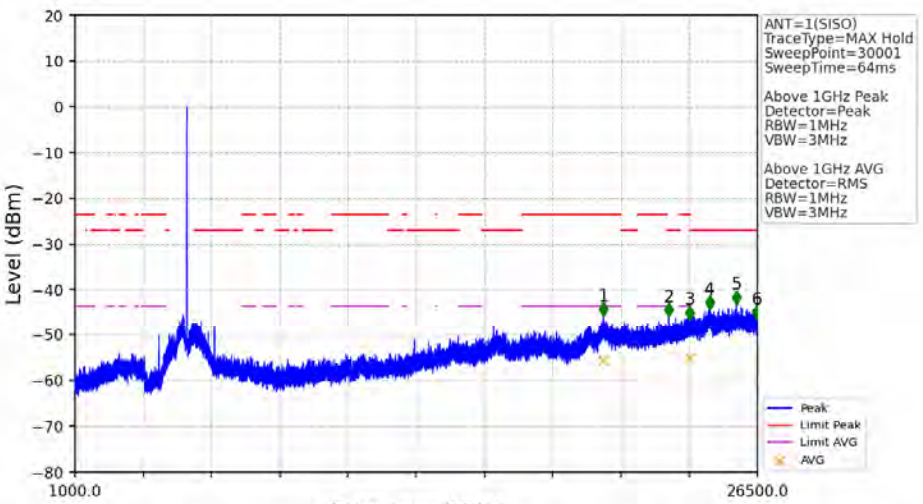
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	4660.1	-44.80	-21.20	23.60	Pass	Peak	7	4660.1	-49.02	-41.20	7.82	Pass	AVG
2	11650.5	-44.17	-21.20	22.97	Pass	Peak	8	11650.5	-46.40	-41.20	5.20	Pass	AVG
3	23697.55	-45.26	-21.20	24.06	Pass	Peak	9	23697.55	-55.42	-41.20	14.22	Pass	AVG
4	24718.4	-43.41	-27.00	16.41	Pass	Peak	10	24718.4	/	-27.00	/	/	AVG
5	25626.2	-42.74	-27.00	15.74	Pass	Peak	11	25626.2	/	-27.00	/	/	AVG
6	26392.9	-45.46	-27.00	18.46	Pass	Peak	12	26392.9	/	-27.00	/	/	AVG

802.11a_HCH_5825MHz_Ant1_NTNV



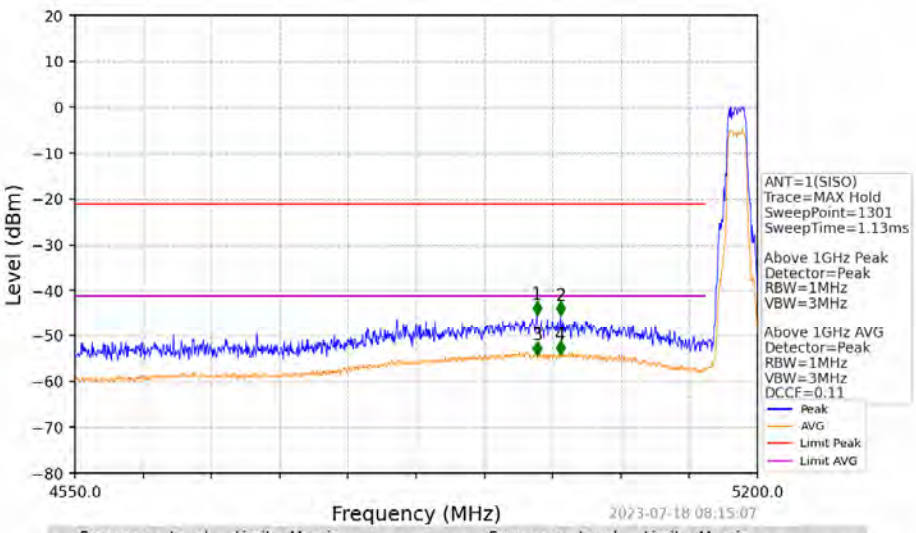
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5850.000	-50.49	27.00	77.50	Pass	Peak	3	5925.000	-57.44	-27.00	30.44	Pass	Peak
2	5854.440	-47.87	16.88	64.75	Pass	Peak							

802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



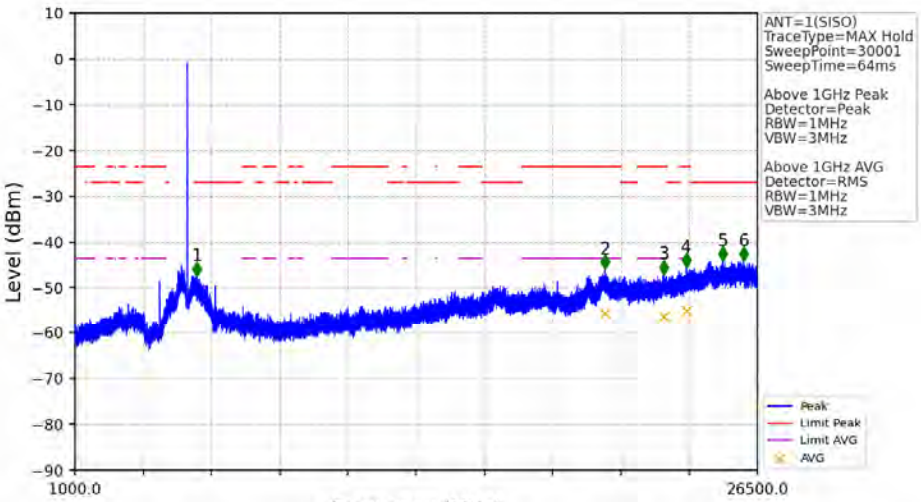
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20748.05	-45.79	-21.20	22.24	Pass	Peak	7	20748.05	-55.69	-41.20	12.14	Pass	AVG
2	23183.3	-46.04	-27.00	16.69	Pass	Peak	8	23183.3	/	-27.00	/	/	AVG
3	23953.4	-46.59	-21.20	23.05	Pass	Peak	9	23953.4	-55.12	-41.20	11.57	Pass	AVG
4	24723.5	-44.38	-27.00	15.03	Pass	Peak	10	24723.5	/	-27.00	/	/	AVG
5	25712.05	-43.24	-27.00	13.89	Pass	Peak	11	25712.05	/	-27.00	/	/	AVG
6	26480.45	-46.54	-27.00	17.19	Pass	Peak	12	26480.45	/	-27.00	/	/	AVG

802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



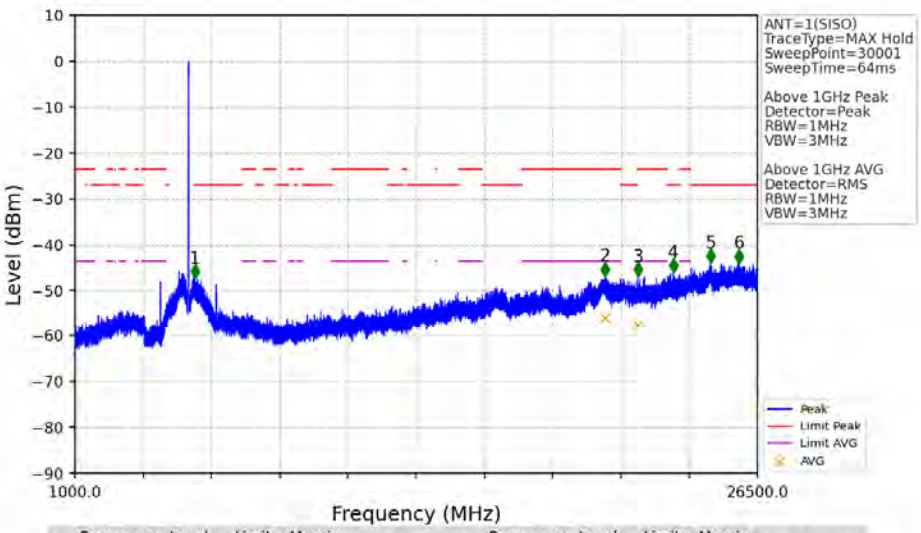
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	4990.000	-45.36	-21.20	21.81	Pass	Peak	3	4990.000	/	-21.20	/	/	AVG
2	5012.500	-45.49	-21.20	21.94	Pass	Peak	4	5012.500	/	-21.20	/	/	AVG

802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



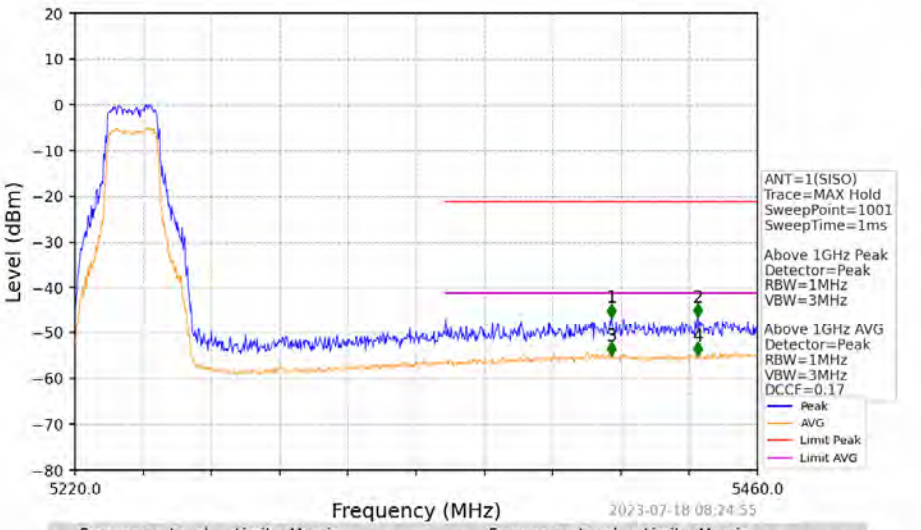
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5552.6	-47.42	-27.00	18.07	Pass	Peak	7	5552.6	/	-27.00	/	/	AVG
2	20797.35	-45.92	-21.20	22.37	Pass	Peak	8	20797.35	-55.57	-41.20	12.02	Pass	AVG
3	23002.25	-47.08	-21.20	23.53	Pass	Peak	9	23002.25	-56.34	-41.20	12.79	Pass	AVG
4	23848	-45.61	-21.20	22.06	Pass	Peak	10	23848	-55.08	-41.20	11.53	Pass	AVG
5	25192.7	-44.19	-27.00	14.84	Pass	Peak	11	25192.7	/	-27.00	/	/	AVG
6	25980.65	-44.17	-27.00	14.82	Pass	Peak	12	25980.65	/	-27.00	/	/	AVG

802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



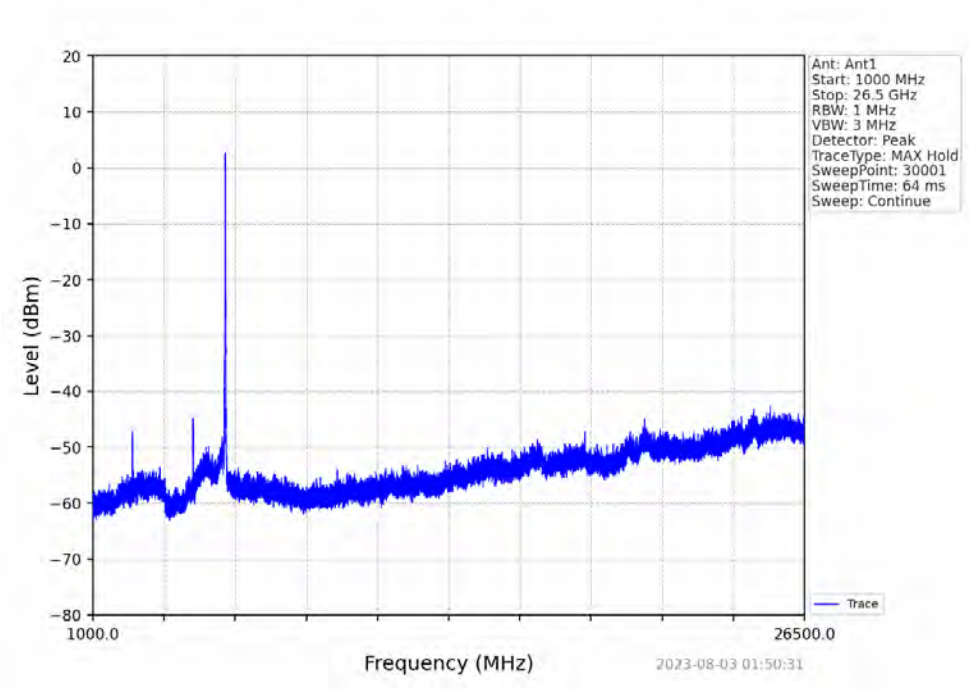
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5480.35	-47.31	-27.00	17.96	Pass	Peak	7	5480.35	/	-27.00	/	/	AVG
2	20814.35	-46.88	-21.20	23.33	Pass	Peak	8	20814.35	-55.92	-41.20	12.37	Pass	AVG
3	22029	-46.93	-21.20	23.38	Pass	Peak	9	22029	-57.49	-41.20	13.94	Pass	AVG
4	23355	-46.14	-27.00	16.79	Pass	Peak	10	23355	/	-27.00	/	/	AVG
5	24739.65	-44.02	-27.00	14.66	Pass	Peak	11	24739.65	/	-27.00	/	/	AVG
6	25808.1	-44.08	-27.00	14.73	Pass	Peak	12	25808.1	/	-27.00	/	/	AVG

802.11n(HT20)_HCH_5240MHz_Ant1_NTNV

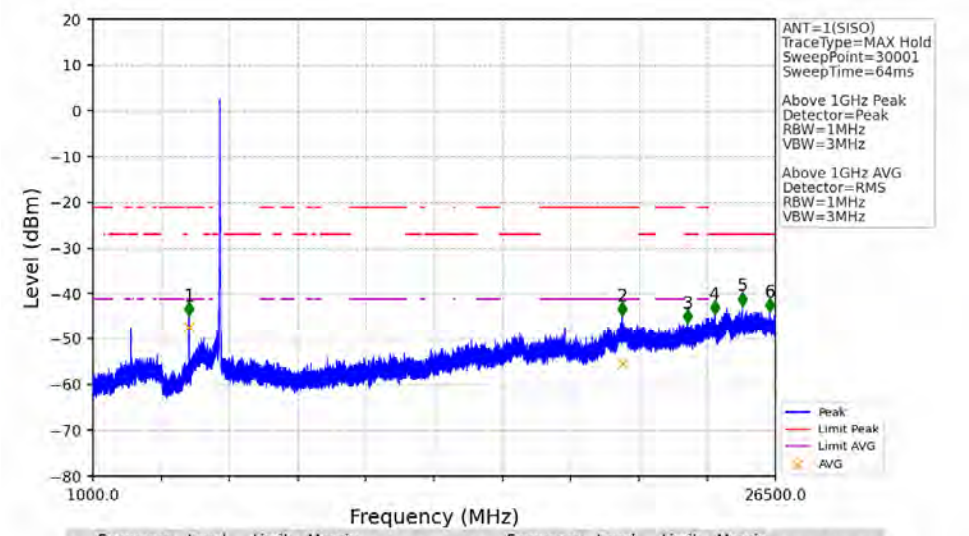


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5408.640	-46.59	-21.20	23.04	Pass	Peak	3	5408.640	/	-21.20	/	/	AVG
2	5439.120	-46.50	-21.20	22.95	Pass	Peak	4	5439.120	/	-21.20	/	/	AVG

802.11n(HT20)_LCH_5745MHz_Ant1_NTNV

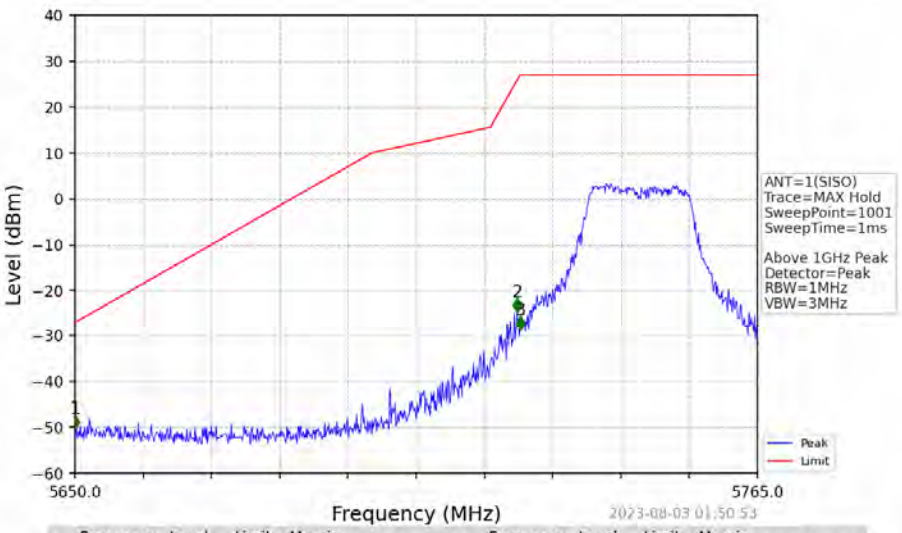


802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



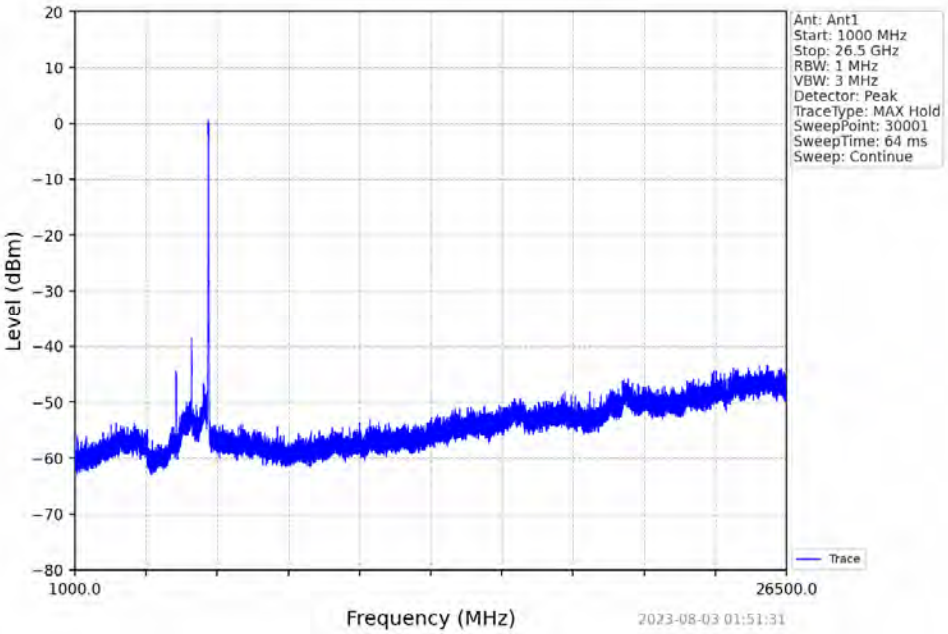
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	4596.35	-44.89	-21.20	23.69	Pass	Peak	7	4596.35	-47.37	-41.20	6.17	Pass	AVG
2	20772.7	-44.98	-21.20	23.78	Pass	Peak	8	20772.7	-55.43	-41.20	14.23	Pass	AVG
3	23216.45	-46.47	-27.00	19.47	Pass	Peak	9	23216.45	/	-27.00	/	/	AVG
4	24239	-44.55	-27.00	17.55	Pass	Peak	10	24239	/	-27.00	/	/	AVG
5	25273.45	-42.70	-27.00	15.70	Pass	Peak	11	25273.45	/	-27.00	/	/	AVG
6	26284.1	-44.01	-27.00	17.01	Pass	Peak	12	26284.1	/	-27.00	/	/	AVG

802.11n(HT20)_LCH_5745MHz_Ant1_NTNV

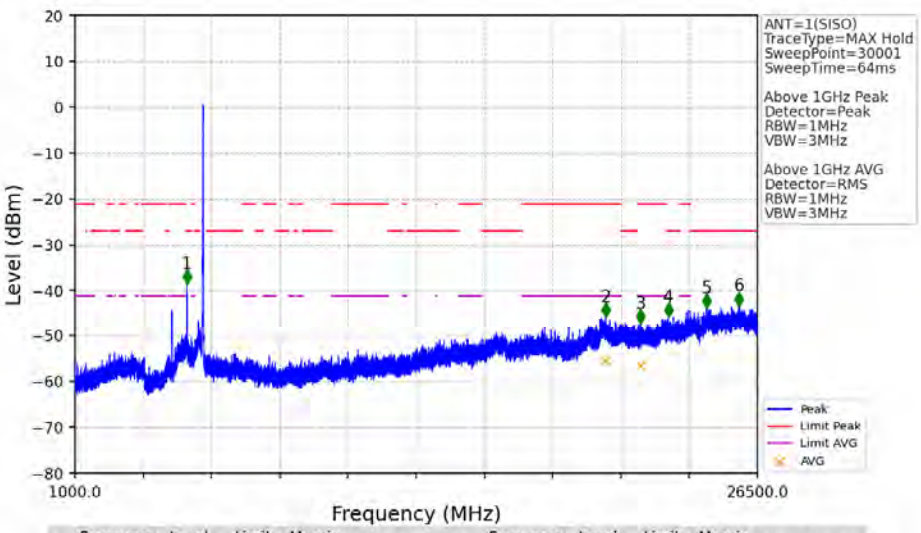


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-50.41	-27.00	23.41	Pass	Peak	3	5725.000	-28.71	27.00	55.71	Pass	Peak
2	5724.520	-24.81	25.91	50.71	Pass	Peak							

802.11n(HT20)_MCH_5785MHz_Ant1_NTNV

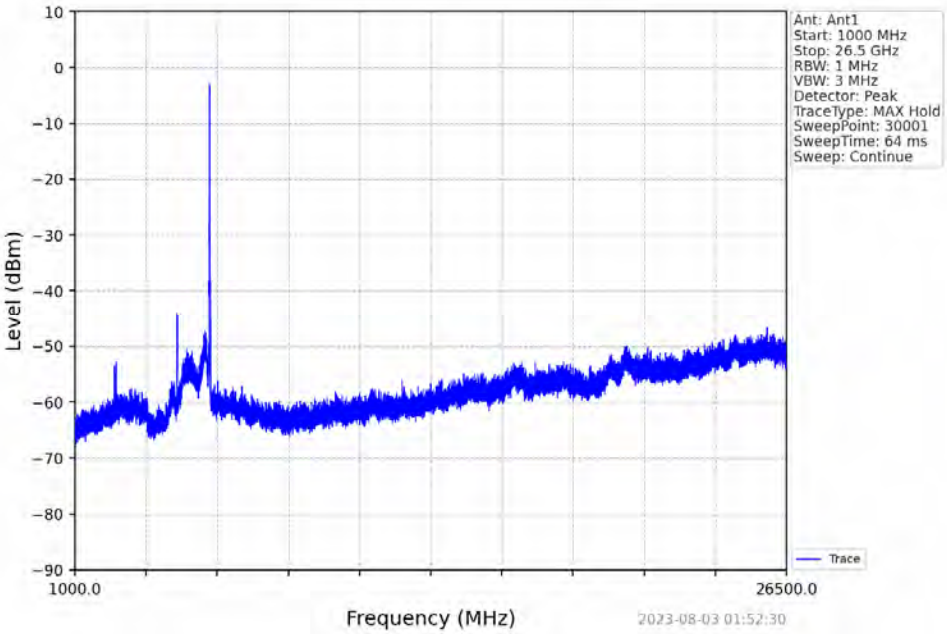


802.11n(HT20)_MCH_5785MHz_Ant1_NTNV

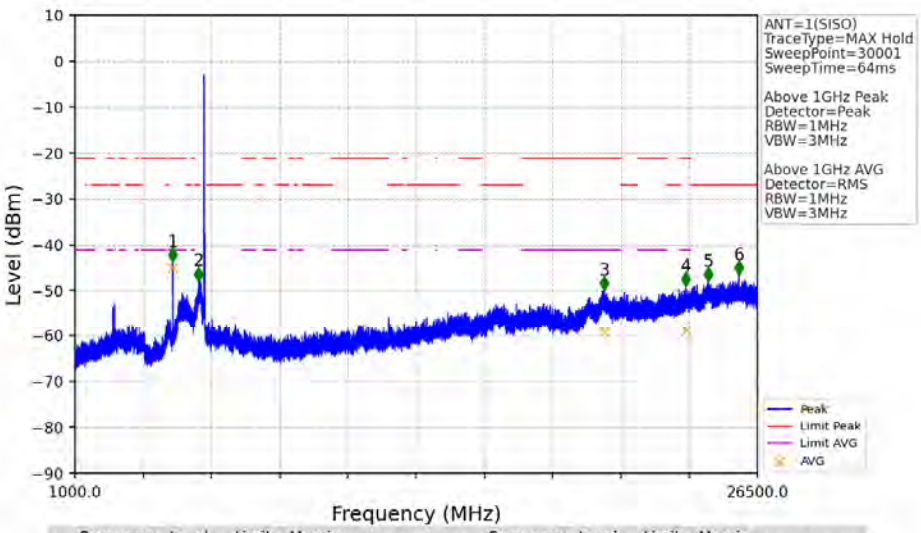


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5179.45	-38.51	-27.00	11.51	Pass	Peak	7	5179.45	/	-27.00	/	/	AVG
2	20827.95	-45.73	-21.20	24.53	Pass	Peak	8	20827.95	-55.48	-41.20	14.28	Pass	AVG
3	22130.15	-47.19	-21.20	25.98	Pass	Peak	9	22130.15	-56.57	-41.20	15.37	Pass	AVG
4	23171.4	-45.84	-27.00	18.84	Pass	Peak	10	23171.4	/	-27.00	/	/	AVG
5	24597.7	-43.88	-27.00	16.88	Pass	Peak	11	24597.7	/	-27.00	/	/	AVG
6	25805.55	-43.43	-27.00	16.43	Pass	Peak	12	25805.55	/	-27.00	/	/	AVG

802.11n(HT20)_HCH_5825MHz_Ant1_NTNV

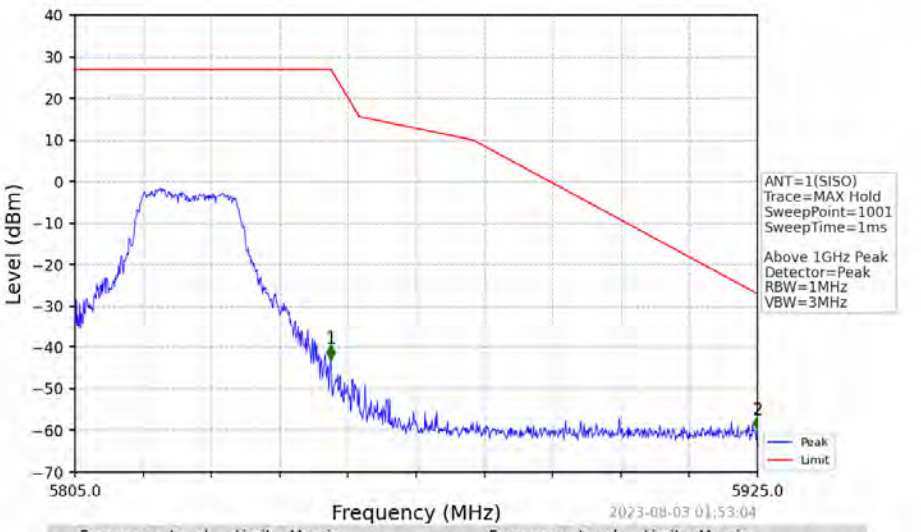


802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



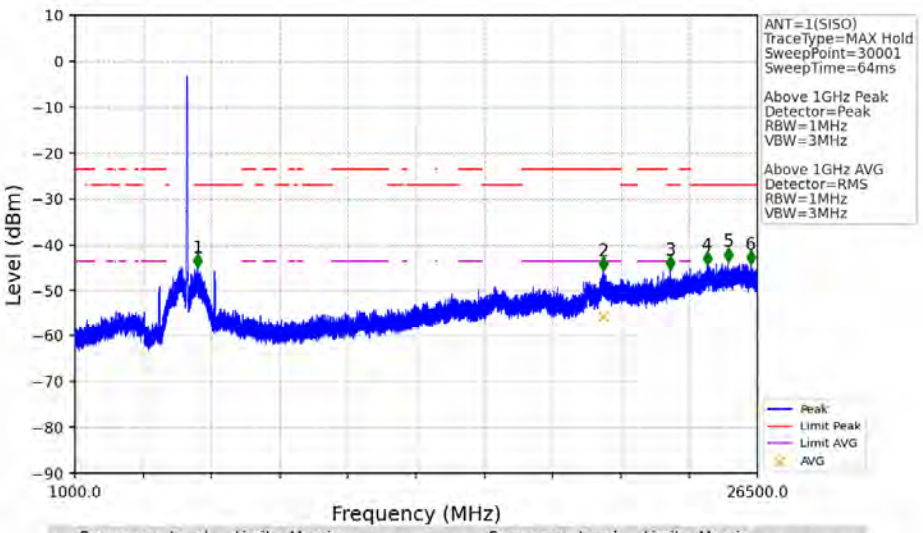
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	4660.1	-43.87	-21.20	22.67	Pass	Peak	7	4660.1	-45.04	-41.20	3.84	Pass	AVG
2	5622.3	-47.95	-27.00	20.95	Pass	Peak	8	5622.3	/	-27.00	/	/	AVG
3	20785.45	-49.93	-21.20	28.73	Pass	Peak	9	20785.45	-59.19	-41.20	17.99	Pass	AVG
4	23827.6	-49.14	-21.20	27.94	Pass	Peak	10	23827.6	-58.76	-41.20	17.56	Pass	AVG
5	24658.05	-48.04	-27.00	21.04	Pass	Peak	11	24658.05	/	-27.00	/	/	AVG
6	25808.95	-46.62	-27.00	19.62	Pass	Peak	12	25808.95	/	-27.00	/	/	AVG

802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



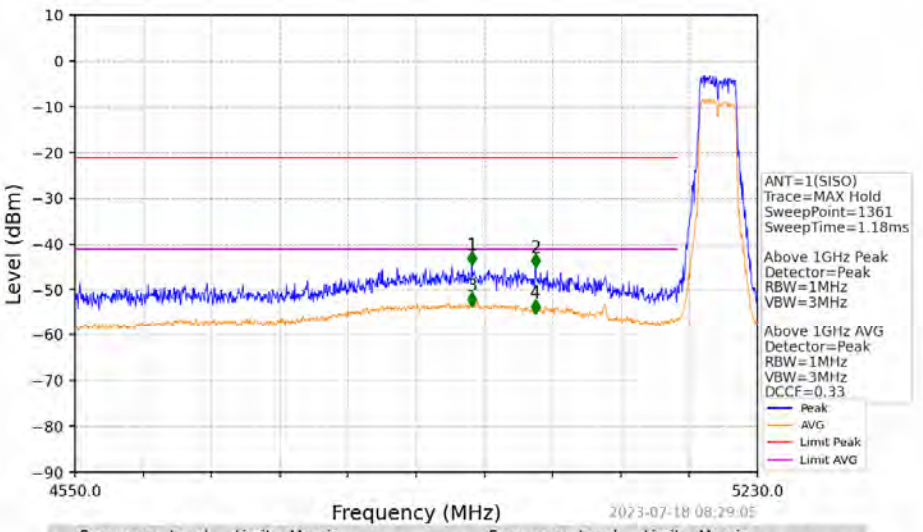
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5850.000	-42.94	27.00	69.94	Pass	Peak	2	5925.000	-59.98	-27.00	32.98	Pass	Peak

802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



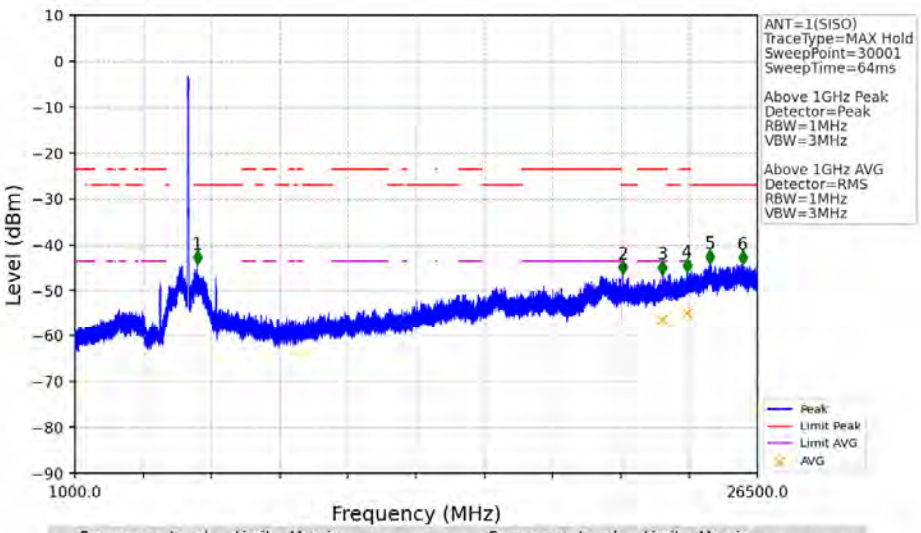
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5583.2	-45.08	-27.00	15.73	Pass	Peak	7	5583.2	/	-27.00	/	/	AVG
2	20738.7	-45.72	-21.20	22.17	Pass	Peak	8	20738.7	-55.52	-41.20	11.97	Pass	AVG
3	23241.1	-45.51	-27.00	16.16	Pass	Peak	9	23241.1	/	-27.00	/	/	AVG
4	24630	-44.55	-27.00	15.21	Pass	Peak	10	24630	/	-27.00	/	/	AVG
5	25402.65	-43.72	-27.00	14.37	Pass	Peak	11	25402.65	/	-27.00	/	/	AVG
6	26244.15	-44.40	-27.00	15.04	Pass	Peak	12	26244.15	/	-27.00	/	/	AVG

802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



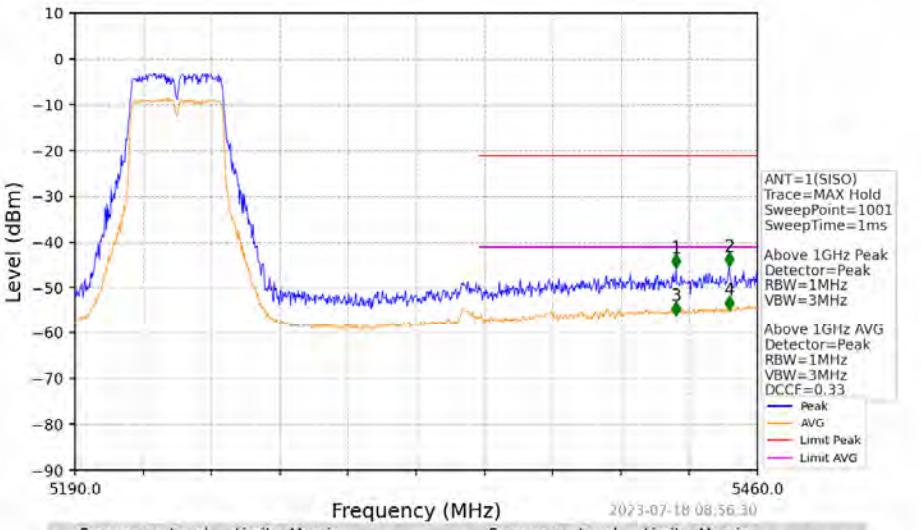
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	4945.500	-44.74	-21.20	21.19	Pass	Peak	3	4945.500	/	-21.20	/	/	AVG
2	5009.000	-45.22	-21.20	21.67	Pass	Peak	4	5009.000	/	-21.20	/	/	AVG

802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



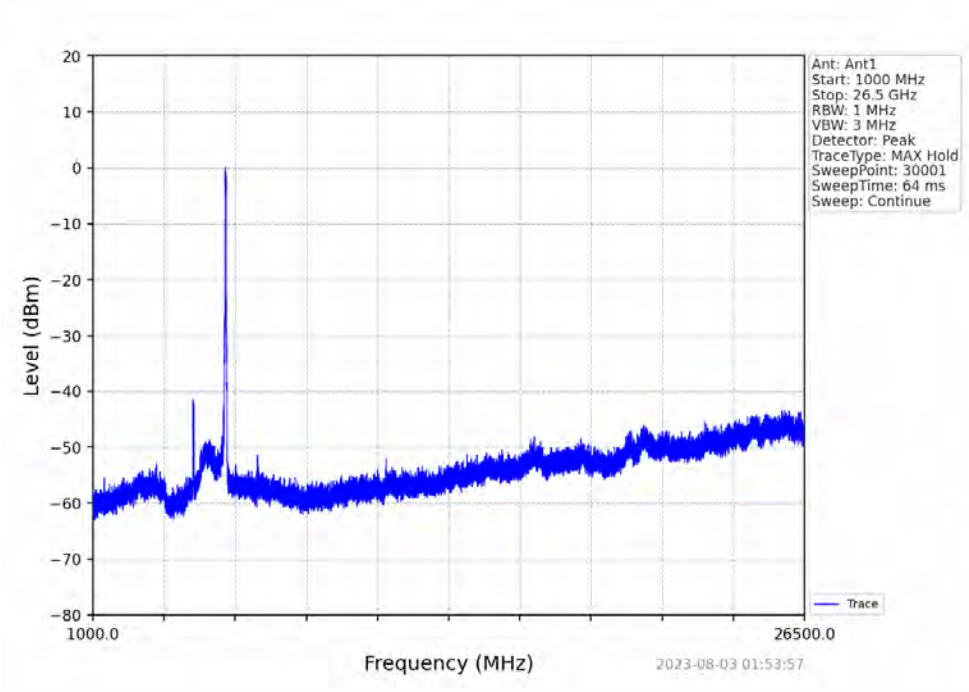
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5567.9	-44.37	-27.00	15.02	Pass	Peak	7	5567.9	/	-27.00	/	/	AVG
2	21472.25	-46.51	-27.00	17.16	Pass	Peak	8	21472.25	/	-27.00	/	/	AVG
3	22952.95	-46.54	-21.20	22.99	Pass	Peak	9	22952.95	-56.26	-41.20	12.71	Pass	AVG
4	23878.6	-46.08	-21.20	22.53	Pass	Peak	10	23878.6	-54.87	-41.20	11.32	Pass	AVG
5	24721.8	-44.19	-27.00	14.84	Pass	Peak	11	24721.8	/	-27.00	/	/	AVG
6	25942.4	-44.28	-27.00	14.93	Pass	Peak	12	25942.4	/	-27.00	/	/	AVG

802.11n(HT40)_HCH_5230MHz_Ant1_NTNV

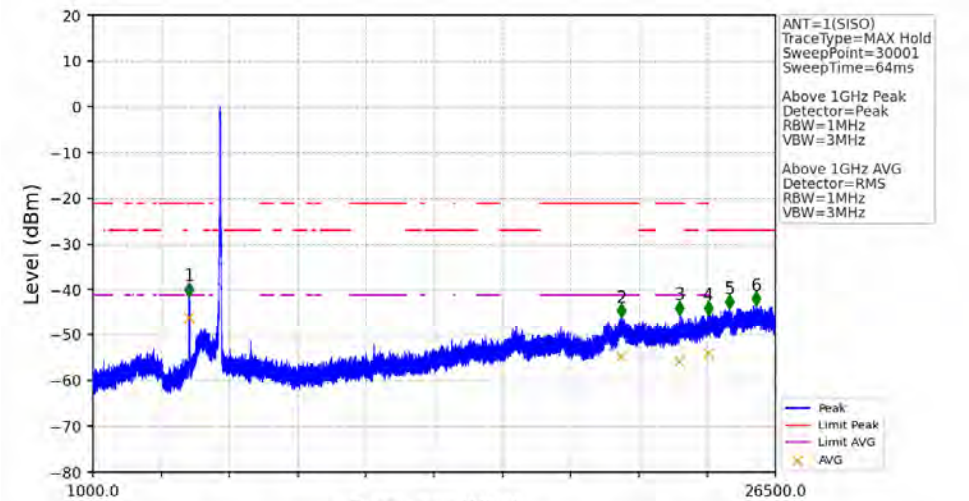


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5427.870	-45.81	-21.20	22.26	Pass	Peak	3	5427.870	/	-21.20	/	/	AVG
2	5448.930	-45.43	-21.20	21.88	Pass	Peak	4	5448.930	/	-21.20	/	/	AVG

802.11n(HT40)_LCH_5755MHz_Ant1_NTNV

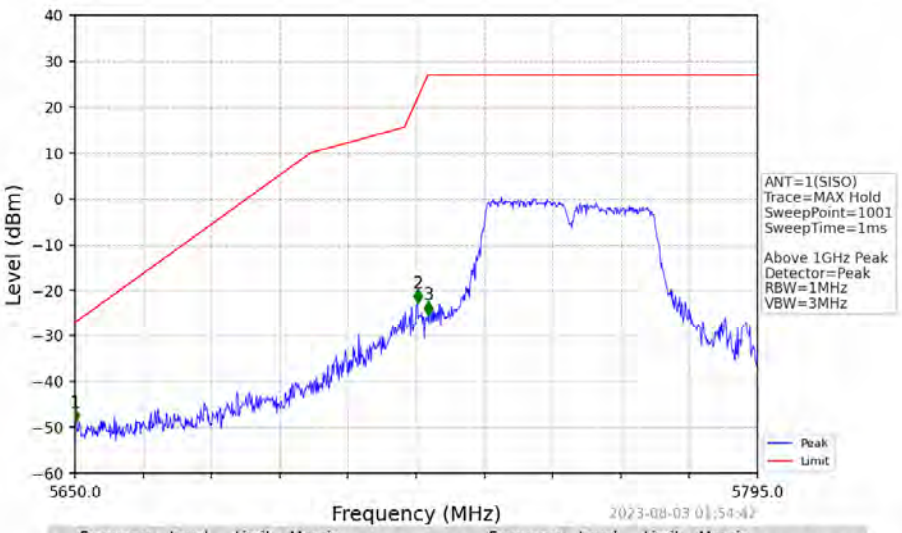


802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



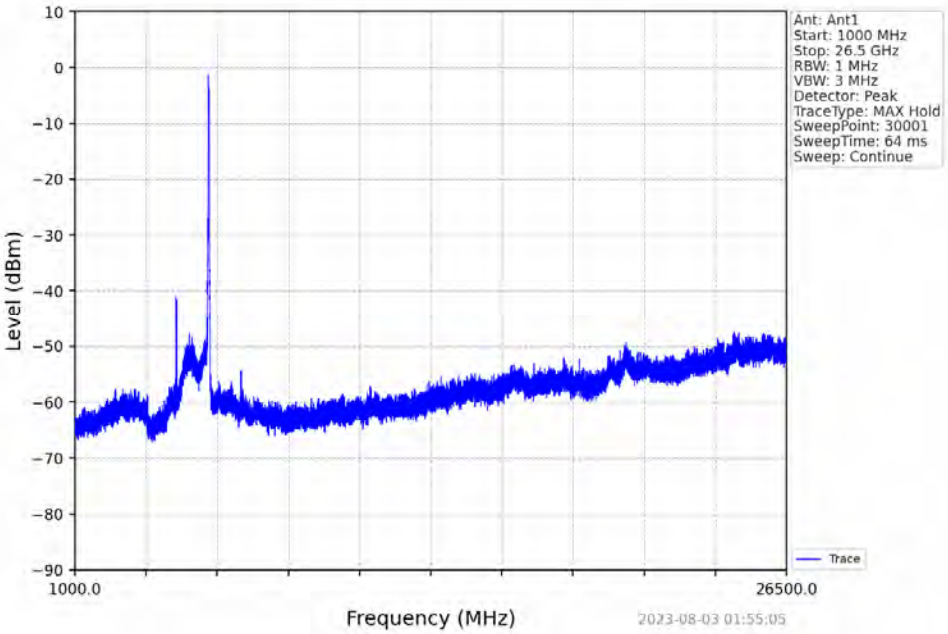
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	4589.55	-41.47	-21.20	20.27	Pass	Peak	7	4589.55	-46.15	-41.20	4.95	Pass	AVG
2	20742.95	-46.13	-21.20	24.93	Pass	Peak	8	20742.95	-54.75	-41.20	13.55	Pass	AVG
3	22927.45	-45.53	-21.20	24.33	Pass	Peak	9	22927.45	-55.76	-41.20	14.56	Pass	AVG
4	23986.55	-45.64	-21.20	24.44	Pass	Peak	10	23986.55	-54.08	-41.20	12.88	Pass	AVG
5	24781.3	-44.19	-27.00	17.18	Pass	Peak	11	24781.3	/	-27.00	/	/	AVG
6	25787.7	-43.50	-27.00	16.50	Pass	Peak	12	25787.7	/	-27.00	/	/	AVG

802.11n(HT40)_LCH_5755MHz_Ant1_NTNV

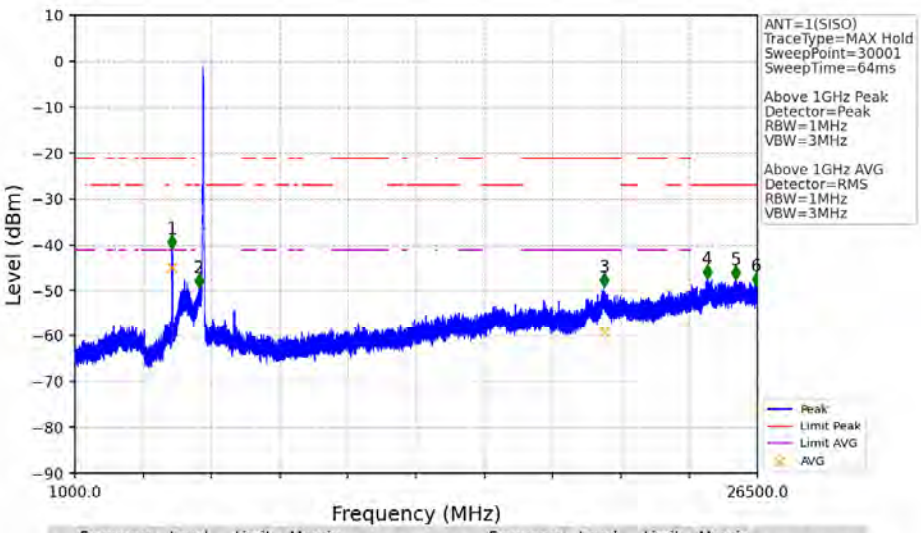


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-49.12	-27.00	22.12	Pass	Peak	3	5725.000	-25.37	27.00	52.37	Pass	Peak
2	5722.790	-22.80	21.96	44.76	Pass	Peak							

802.11n(HT40)_HCH_5795MHz_Ant1_NTNV

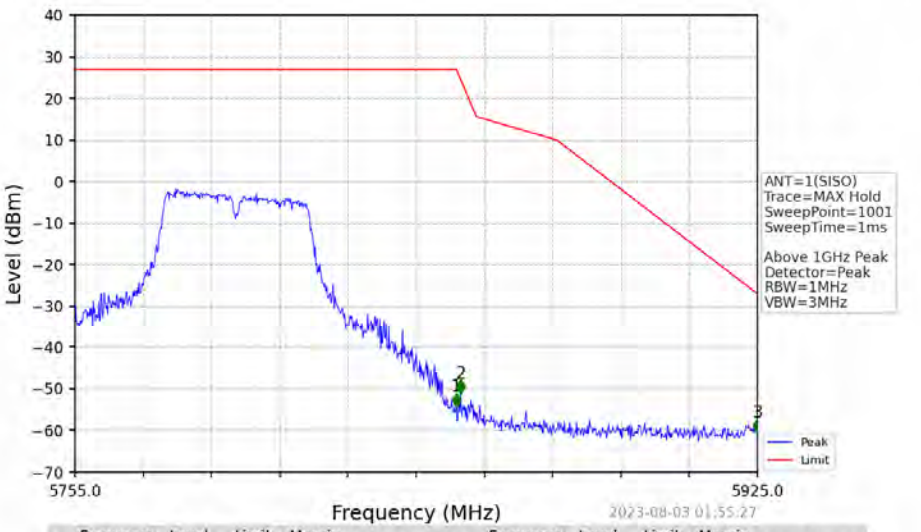


802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



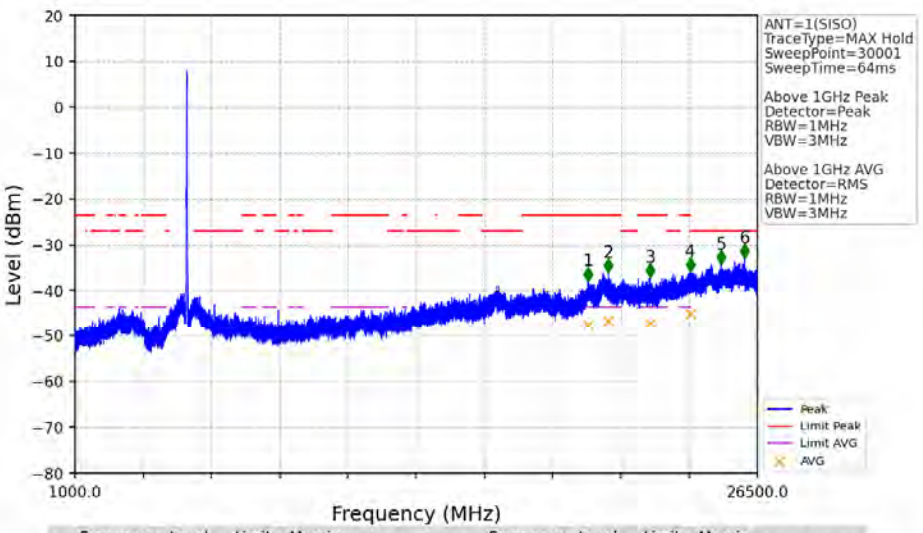
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	4621.85	-41.01	-21.20	19.81	Pass	Peak	7	4621.85	-45.08	-41.20	3.88	Pass	AVG
2	5628.25	-49.45	-27.00	22.45	Pass	Peak	8	5628.25	/	-27.00	/	/	AVG
3	20760.8	-49.30	-21.20	28.10	Pass	Peak	9	20760.8	-59.06	-41.20	17.86	Pass	AVG
4	24624.9	-47.46	-27.00	20.46	Pass	Peak	10	24624.9	/	-27.00	/	/	AVG
5	25683.15	-47.68	-27.00	20.68	Pass	Peak	11	25683.15	/	-27.00	/	/	AVG
6	26457.5	-49.10	-27.00	22.10	Pass	Peak	12	26457.5	/	-27.00	/	/	AVG

802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



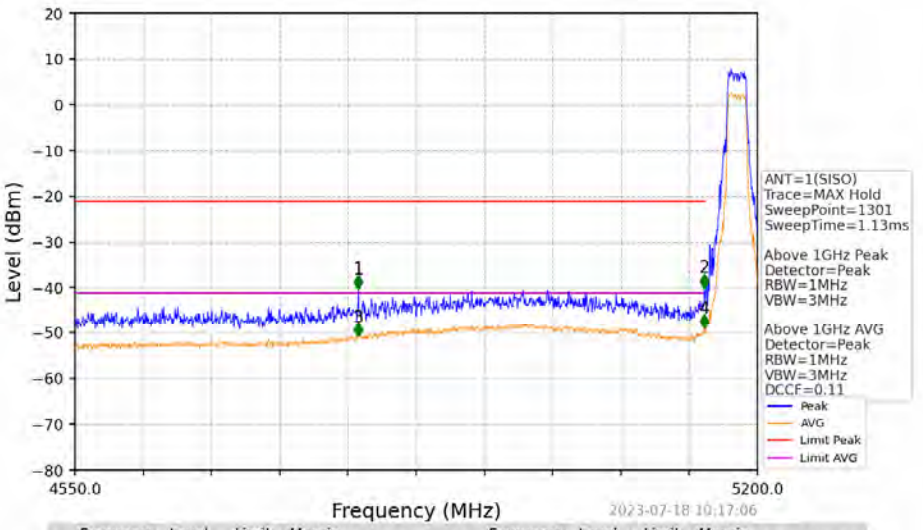
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5850.000	-54.40	27.00	81.40	Pass	Peak	3	5925.000	-60.48	-27.00	33.48	Pass	Peak
2	5851.050	-51.15	24.61	75.76	Pass	Peak							

802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



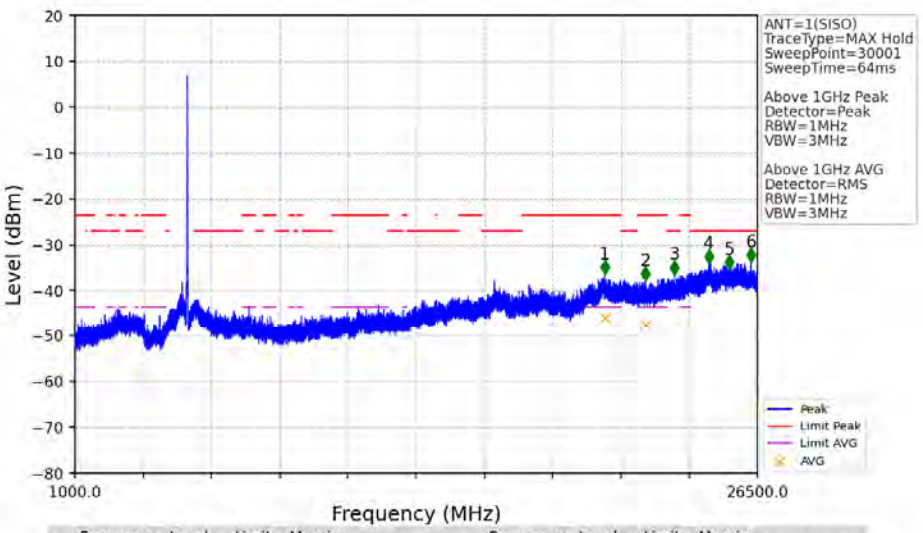
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20167.5	-37.95	-21.20	14.40	Pass	Peak	7	20167.5	-47.50	-41.20	3.95	Pass	AVG
2	20935.05	-36.09	-21.20	12.54	Pass	Peak	8	20935.05	-46.73	-41.20	3.18	Pass	AVG
3	22488.85	-37.20	-21.20	13.65	Pass	Peak	9	22488.85	-47.22	-41.20	3.67	Pass	AVG
4	23984	-35.96	-21.20	12.41	Pass	Peak	10	23984	-45.02	-41.20	1.48	Pass	AVG
5	25137.45	-34.38	-27.00	5.03	Pass	Peak	11	25137.45	/	-27.00	/	/	AVG
6	26025.7	-32.98	-27.00	3.63	Pass	Peak	12	26025.7	/	-27.00	/	/	AVG

802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



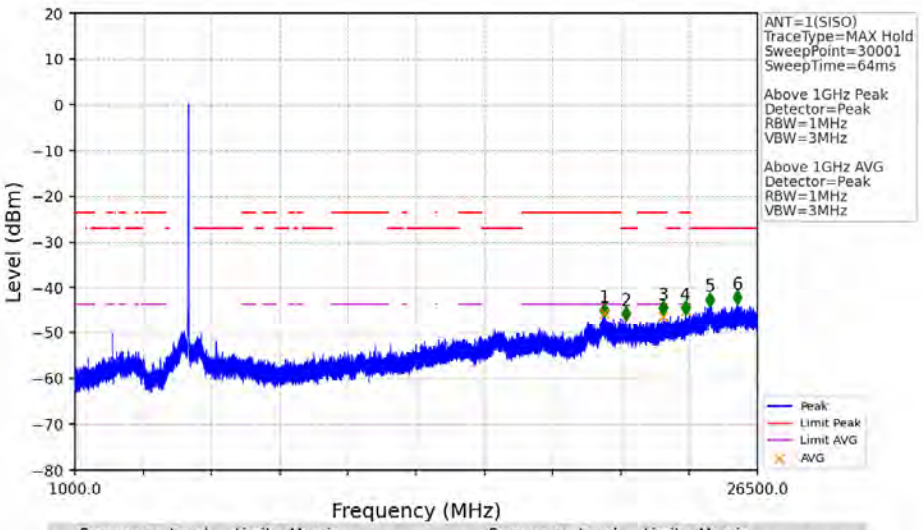
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	4820.000	-40.40	-21.20	16.85	Pass	Peak	3	4820.000	/	-21.20	/	/	AVG
2	5149.500	-40.05	-21.20	16.50	Pass	Peak	4	5149.500	/	-21.20	/	/	AVG

802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



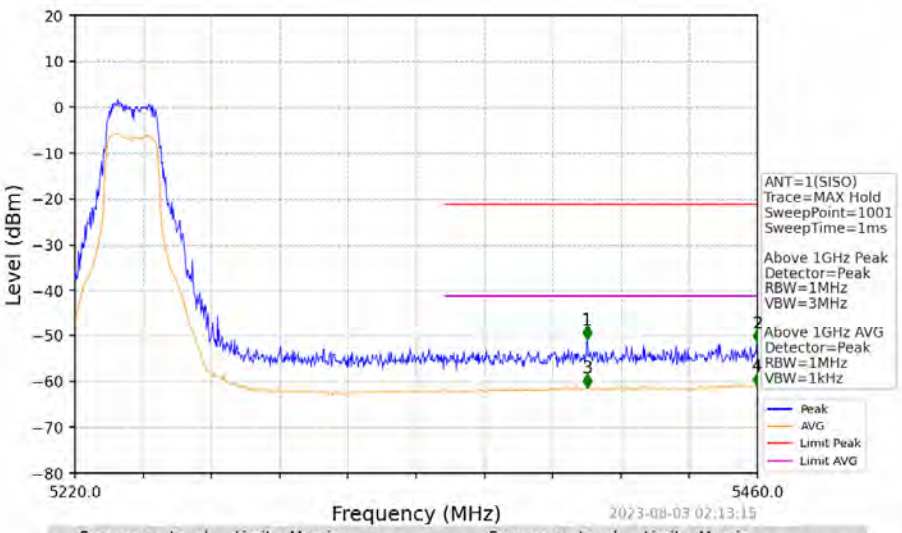
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20793.1	-36.45	-21.20	12.90	Pass	Peak	7	20793.1	-45.88	-41.20	2.33	Pass	AVG
2	22324.8	-37.84	-21.20	14.29	Pass	Peak	8	22324.8	-47.47	-41.20	3.92	Pass	AVG
3	23407.7	-36.54	-27.00	7.19	Pass	Peak	9	23407.7	/	-27.00	/	/	AVG
4	24688.65	-34.10	-27.00	4.75	Pass	Peak	10	24688.65	/	-27.00	/	/	AVG
5	25457.05	-35.33	-27.00	5.98	Pass	Peak	11	25457.05	/	-27.00	/	/	AVG
6	26259.45	-33.81	-27.00	4.46	Pass	Peak	12	26259.45	/	-27.00	/	/	AVG

802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



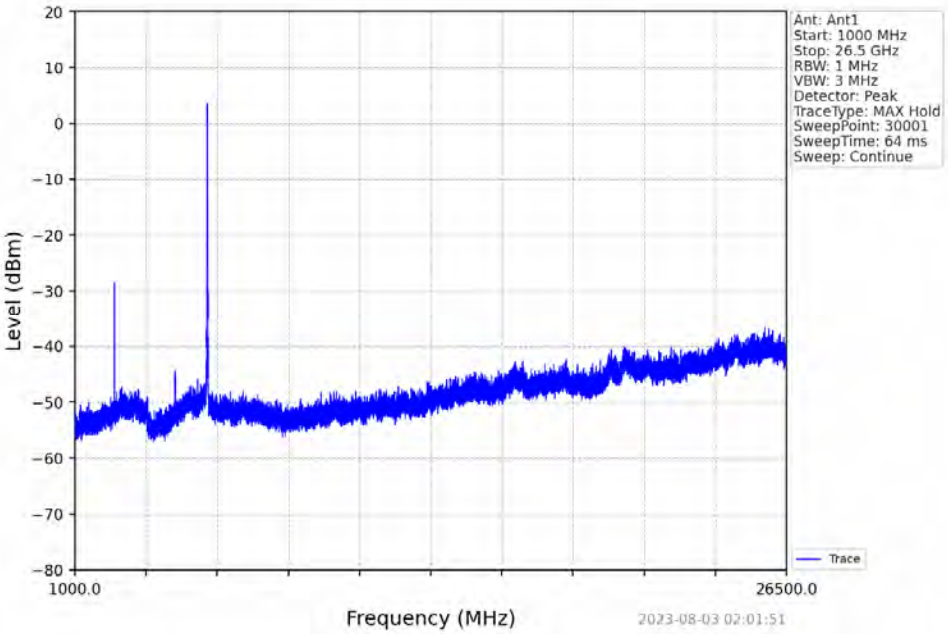
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20767.6	-46.48	-21.20	22.93	Pass	Peak	7	20767.6	-45.60	-41.20	2.05	Pass	AVG
2	21579.35	-47.19	-27.00	17.84	Pass	Peak	8	21579.35	/	-27.00	/	/	AVG
3	22986.95	-45.98	-21.20	22.43	Pass	Peak	9	22986.95	-46.38	-41.20	2.83	Pass	AVG
4	23819.95	-46.03	-21.20	22.48	Pass	Peak	10	23819.95	-45.09	-41.20	1.54	Pass	AVG
5	24730.3	-44.10	-27.00	14.75	Pass	Peak	11	24730.3	/	-27.00	/	/	AVG
6	25741.8	-43.63	-27.00	14.28	Pass	Peak	12	25741.8	/	-27.00	/	/	AVG

802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV

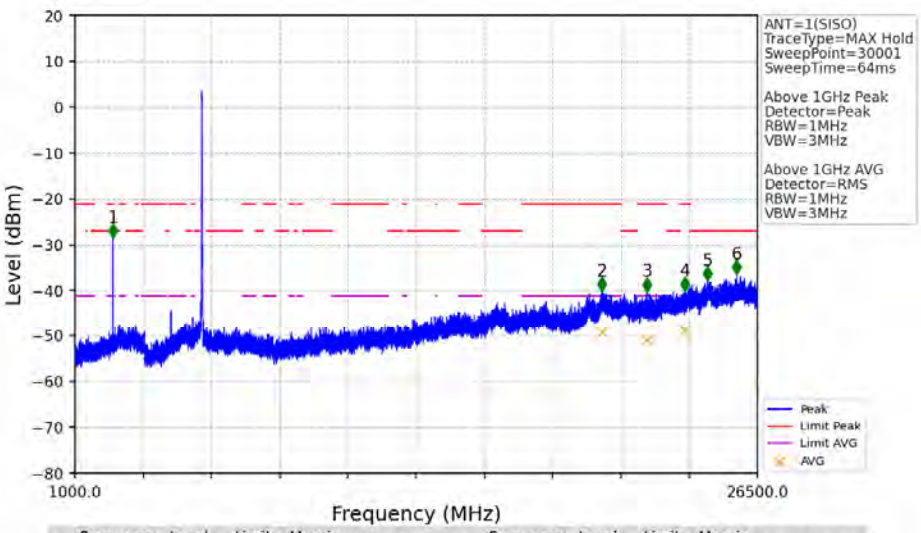


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5400.000	-50.86	-21.20	27.31	Pass	Peak	3	5400.000	/	-21.20	/	/	AVG
2	5460.000	-51.61	-21.20	28.06	Pass	Peak	4	5460.000	/	-21.20	/	/	AVG

802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV

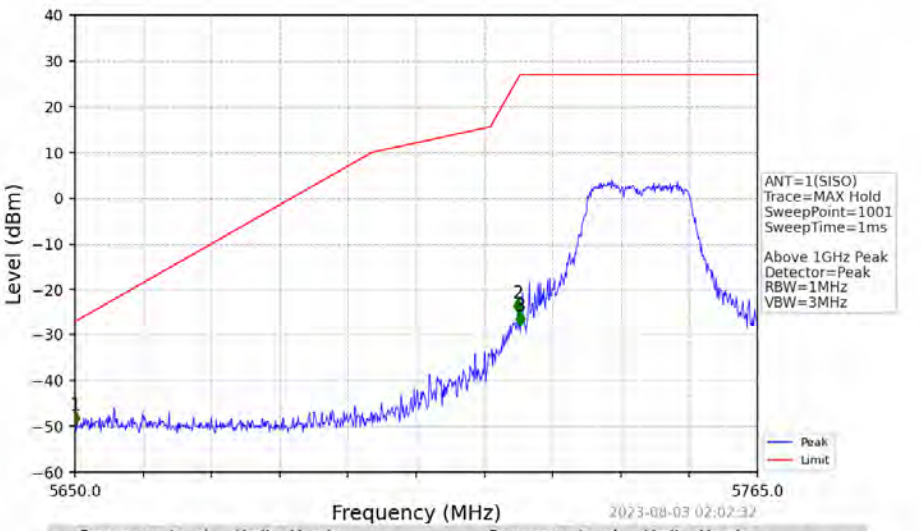


802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



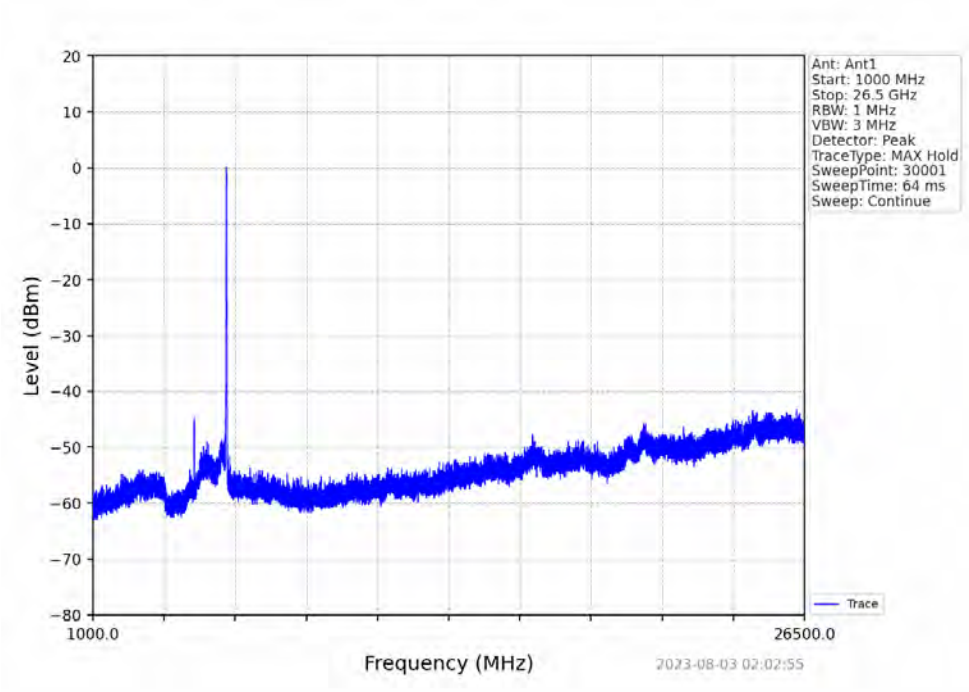
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	2412.7	-28.48	-27.00	1.48	Pass	Peak	7	2412.7	/	-27.00	/	/	AVG
2	20691.95	-40.15	-21.20	18.95	Pass	Peak	8	20691.95	-49.22	-41.20	8.02	Pass	AVG
3	22369.85	-40.25	-21.20	19.05	Pass	Peak	9	22369.85	-50.94	-41.20	9.73	Pass	AVG
4	23791.05	-40.13	-21.20	18.93	Pass	Peak	10	23791.05	-48.73	-41.20	7.53	Pass	AVG
5	24636.8	-37.93	-27.00	10.93	Pass	Peak	11	24636.8	/	-27.00	/	/	AVG
6	25730.75	-36.43	-27.00	9.43	Pass	Peak	12	25730.75	/	-27.00	/	/	AVG

802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV

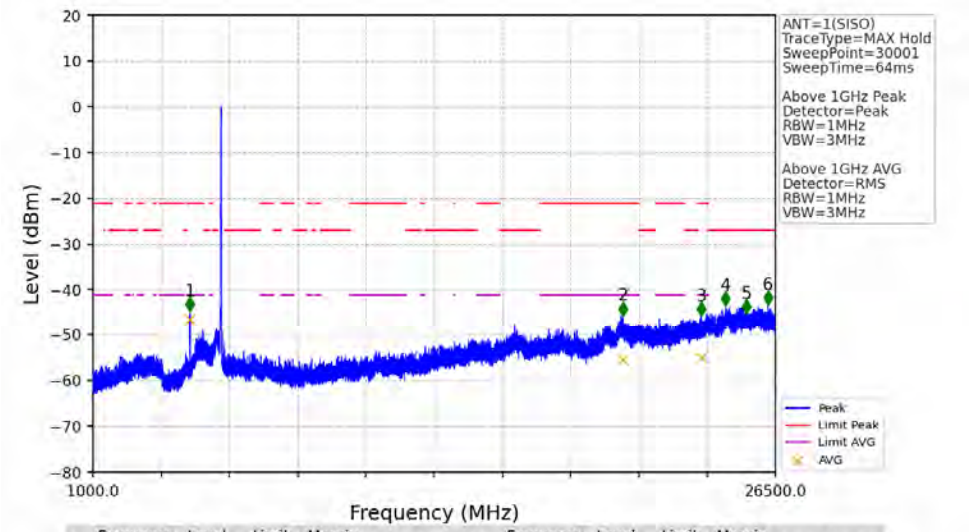


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-49.84	-27.00	22.84	Pass	Peak	3	5725.000	-27.85	27.00	54.85	Pass	Peak
2	5724.635	-25.09	26.17	51.25	Pass	Peak							

802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV

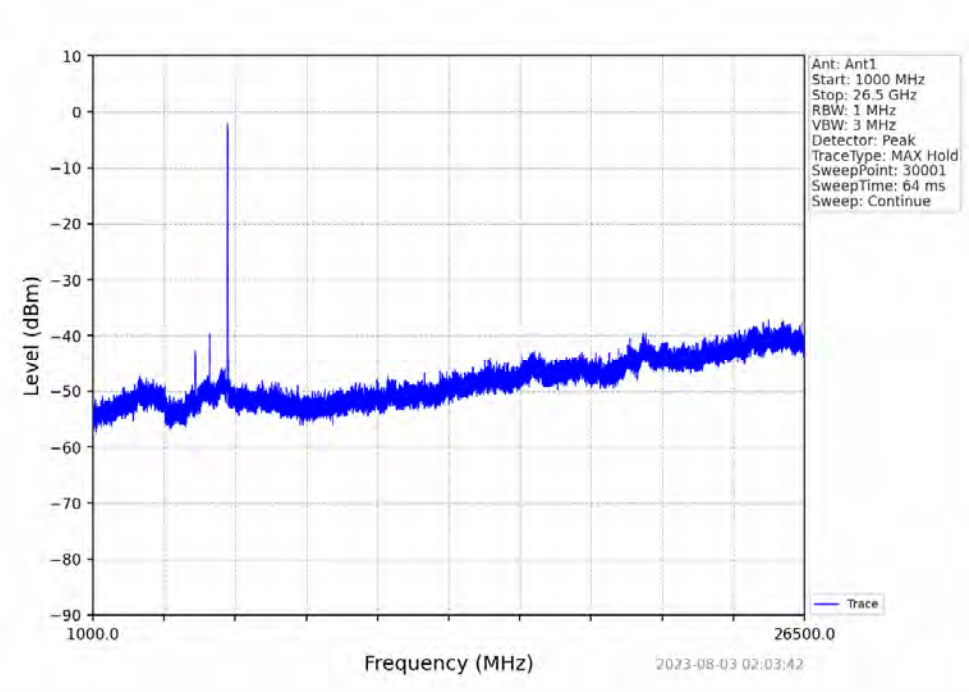


802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV

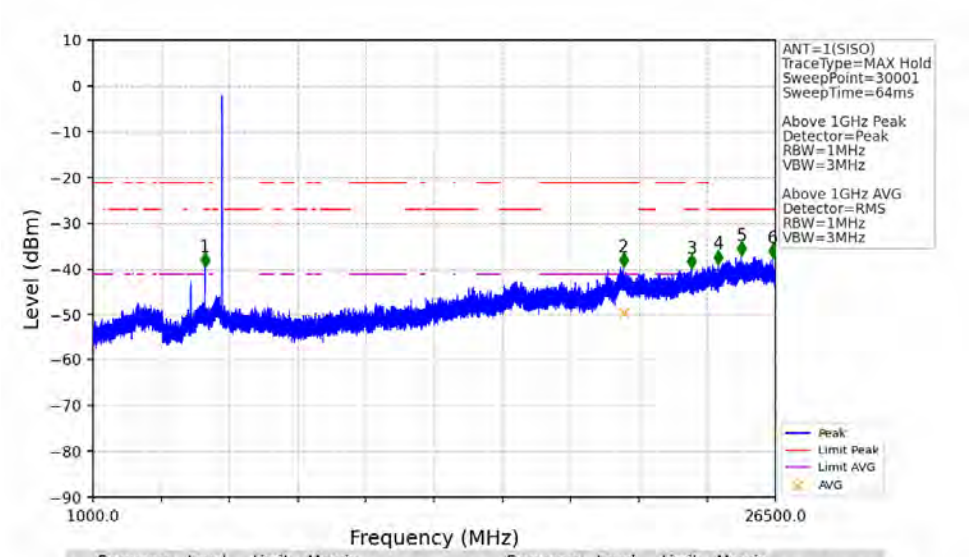


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	4628.65	-44.79	-21.20	23.59	Pass	Peak	7	4628.65	-46.49	-41.20	5.29	Pass	AVG
2	20814.35	-45.70	-21.20	24.50	Pass	Peak	8	20814.35	-55.50	-41.20	14.30	Pass	AVG
3	23724.75	-45.75	-21.20	24.55	Pass	Peak	9	23724.75	-55.14	-41.20	13.94	Pass	AVG
4	24645.3	-43.47	-27.00	16.47	Pass	Peak	10	24645.3	/	-27.00	/	/	AVG
5	25429.85	-45.28	-27.00	18.28	Pass	Peak	11	25429.85	/	-27.00	/	/	AVG
6	26218.65	-43.29	-27.00	16.29	Pass	Peak	12	26218.65	/	-27.00	/	/	AVG

802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV

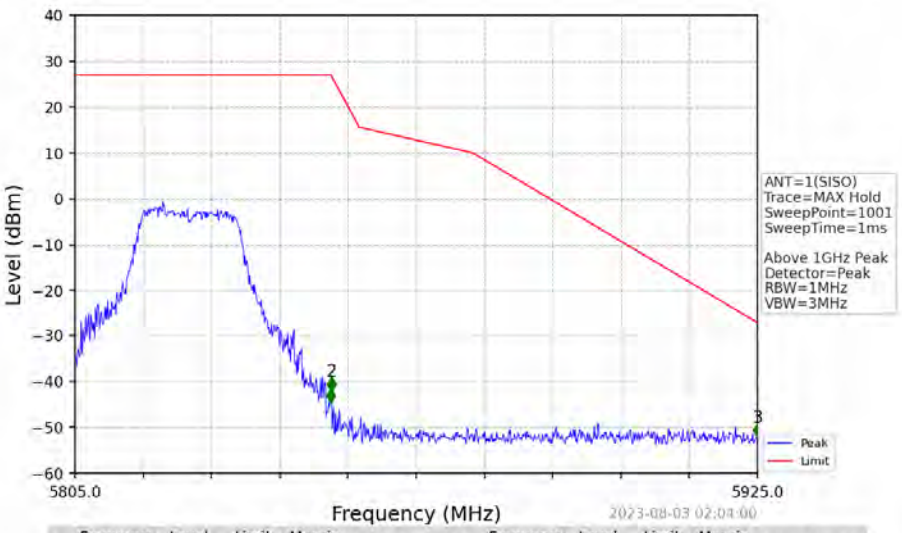


802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



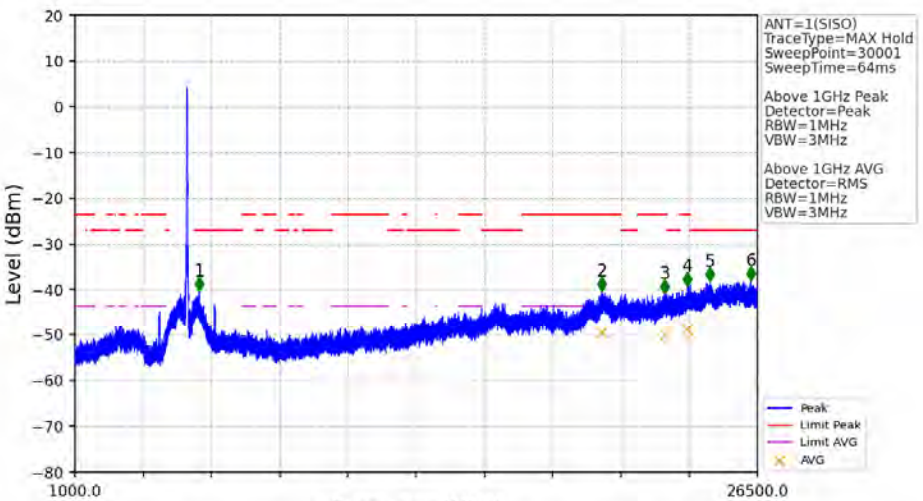
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5182.85	-39.60	-27.00	12.60	Pass	Peak	7	5182.85	/	-27.00	/	/	AVG
2	20820.3	-39.51	-21.20	18.31	Pass	Peak	8	20820.3	-49.61	-41.20	8.41	Pass	AVG
3	23376.25	-39.94	-27.00	12.94	Pass	Peak	9	23376.25	/	-27.00	/	/	AVG
4	24367.35	-38.94	-27.00	11.94	Pass	Peak	10	24367.35	/	-27.00	/	/	AVG
5	25220.75	-37.14	-27.00	10.14	Pass	Peak	11	25220.75	/	-27.00	/	/	AVG
6	26399.7	-37.62	-27.00	10.62	Pass	Peak	12	26399.7	/	-27.00	/	/	AVG

802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



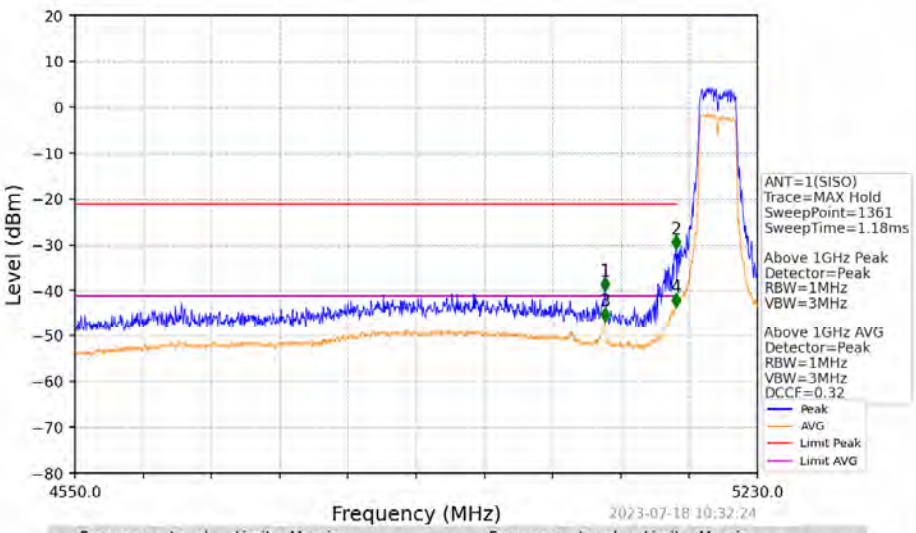
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5850.000	-44.60	27.00	71.60	Pass	Peak	3	5925.000	-52.26	-27.00	25.26	Pass	Peak
2	5850.120	-42.26	26.73	68.98	Pass	Peak							

802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



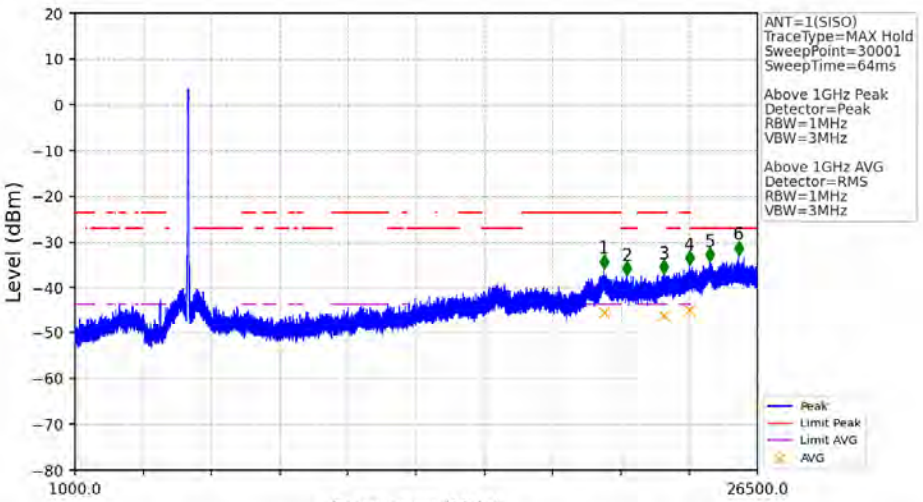
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5644.4	-40.38	-27.00	11.03	Pass	Peak	7	5644.4	/	-27.00	/	/	AVG
2	20687.7	-40.34	-21.20	16.80	Pass	Peak	8	20687.7	-49.51	-41.20	5.96	Pass	AVG
3	23042.2	-40.81	-21.20	17.26	Pass	Peak	9	23042.2	-50.07	-41.20	6.52	Pass	AVG
4	23888.8	-39.24	-21.20	15.69	Pass	Peak	10	23888.8	-48.78	-41.20	5.23	Pass	AVG
5	24735.4	-38.21	-27.00	8.86	Pass	Peak	11	24735.4	/	-27.00	/	/	AVG
6	26251.8	-38.00	-27.00	8.65	Pass	Peak	12	26251.8	/	-27.00	/	/	AVG

802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



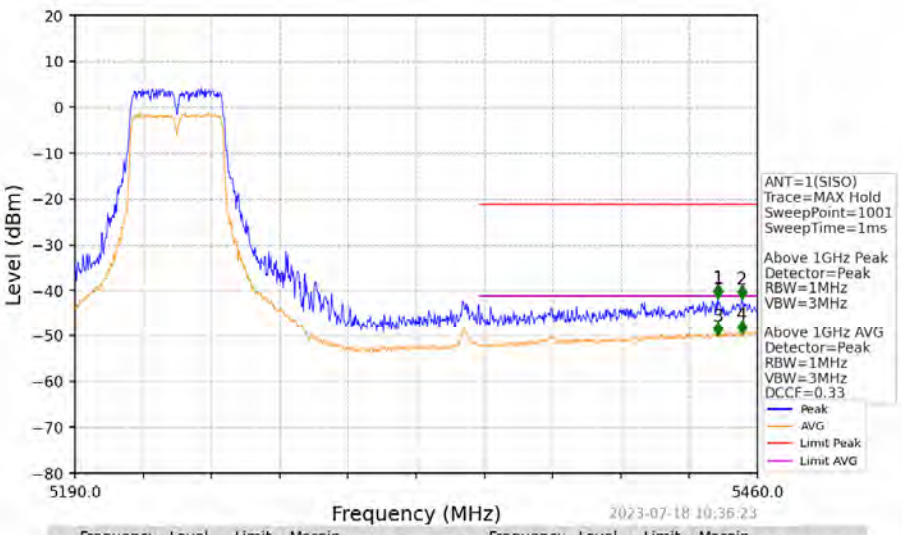
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5078.000	-40.10	-21.20	16.55	Pass	Peak	3	5078.000	/	-21.20	/	/	AVG
2	5149.000	-31.00	-21.20	7.45	Pass	Peak	4	5149.000	/	-21.20	/	/	AVG

802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



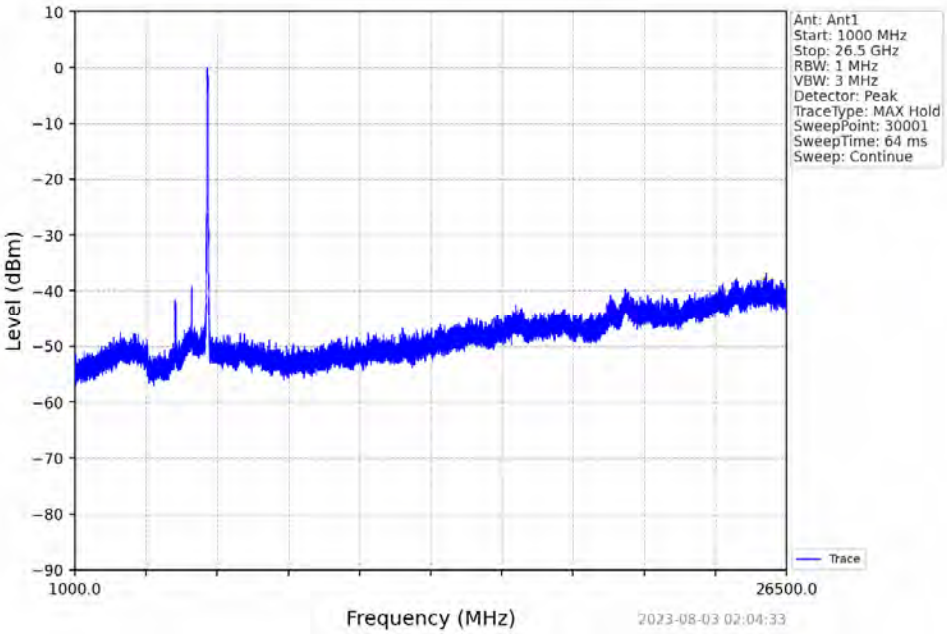
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20758.25	-35.85	-21.20	12.30	Pass	Peak	7	20758.25	-45.42	-41.20	1.87	Pass	AVG
2	21619.3	-37.37	-27.00	8.02	Pass	Peak	8	21619.3	/	-27.00	/	/	AVG
3	23001.4	-36.96	-21.20	13.41	Pass	Peak	9	23001.4	-46.09	-41.20	2.54	Pass	AVG
4	23953.4	-35.08	-21.20	11.53	Pass	Peak	10	23953.4	-44.86	-41.20	1.31	Pass	AVG
5	24721.8	-34.38	-27.00	5.04	Pass	Peak	11	24721.8	/	-27.00	/	/	AVG
6	25795.35	-32.82	-27.00	3.47	Pass	Peak	12	25795.35	/	-27.00	/	/	AVG

802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV

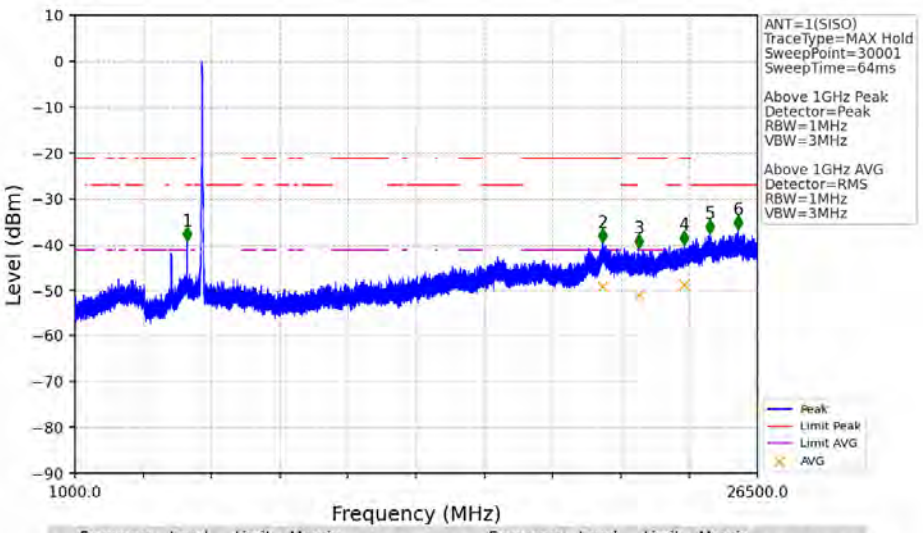


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5444.340	-41.79	-21.20	18.24	Pass	Peak	3	5444.340	/	-21.20	/	/	AVG
2	5453.790	-41.89	-21.20	18.34	Pass	Peak	4	5453.790	/	-21.20	/	/	AVG

802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV

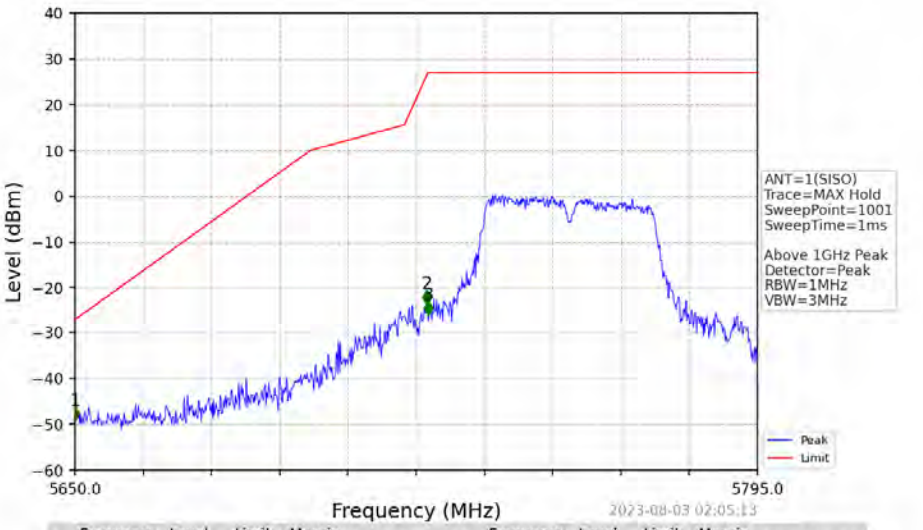


802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



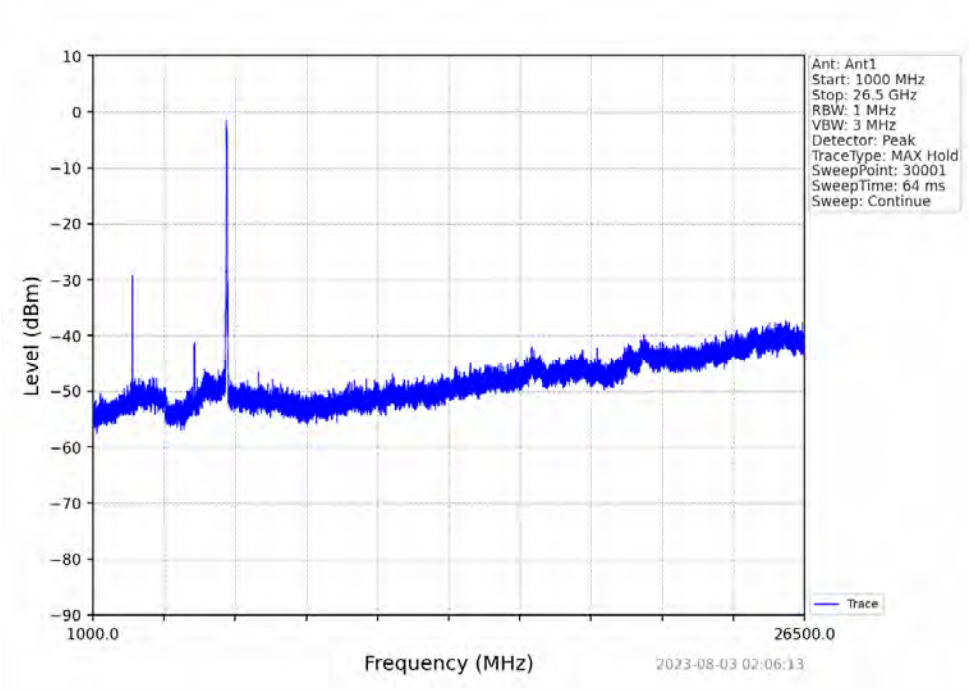
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5185.4	-39.19	-27.00	12.19	Pass	Peak	7	5185.4	/	-27.00	/	/	AVG
2	20712.35	-39.64	-21.20	18.44	Pass	Peak	8	20712.35	-49.06	-41.20	7.86	Pass	AVG
3	22055.35	-40.75	-21.20	19.55	Pass	Peak	9	22055.35	-50.81	-41.20	9.61	Pass	AVG
4	23767.25	-40.11	-21.20	18.91	Pass	Peak	10	23767.25	-48.78	-41.20	7.58	Pass	AVG
5	24709.05	-37.70	-27.00	10.70	Pass	Peak	11	24709.05	/	-27.00	/	/	AVG
6	25780.05	-36.76	-27.00	9.76	Pass	Peak	12	25780.05	/	-27.00	/	/	AVG

802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV

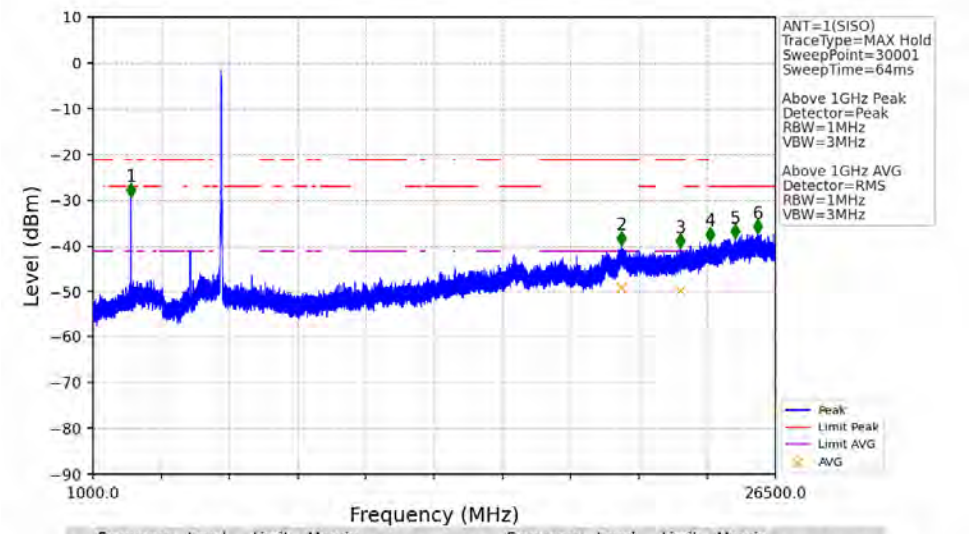


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-49.26	-27.00	22.26	Pass	Peak	3	5725.000	-25.92	27.00	52.92	Pass	Peak
2	5724.675	-23.59	26.26	49.85	Pass	Peak							

802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV

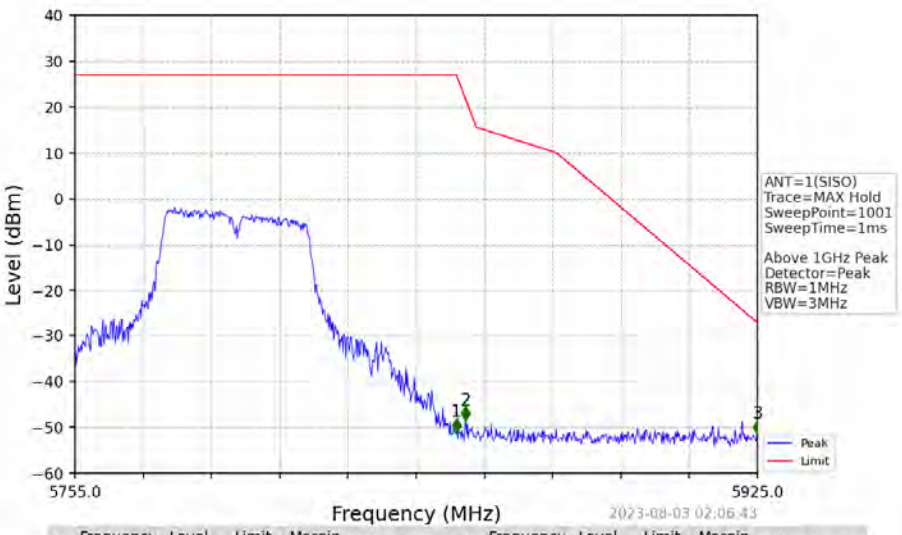


802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	2412.7	-29.26	-27.00	2.26	Pass	Peak	7	2412.7	/	-27.00	/	/	AVG
2	20750.6	-39.84	-21.20	18.64	Pass	Peak	8	20750.6	-49.08	-41.20	7.88	Pass	AVG
3	22949.55	-40.48	-21.20	19.28	Pass	Peak	9	22949.55	-49.75	-41.20	8.55	Pass	AVG
4	24072.4	-38.96	-27.00	11.96	Pass	Peak	10	24072.4	/	-27.00	/	/	AVG
5	25004	-38.30	-27.00	11.30	Pass	Peak	11	25004	/	-27.00	/	/	AVG
6	25833.6	-37.26	-27.00	10.26	Pass	Peak	12	25833.6	/	-27.00	/	/	AVG

802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5850.000	-51.10	27.00	78.10	Pass	Peak	3	5925.000	-51.44	-27.00	24.44	Pass	Peak
2	5852.240	-48.57	21.89	70.46	Pass	Peak							

7 Frequency Stability

7.1 Test Result

Mode	TX Type	Frequency (MHz)	Temperature (°C)	Voltage (VAC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
802.11a	SISO	5180	20	102	5180.060	5150 to 5250	Pass
				120	5180.060	5150 to 5250	Pass
				138	5180.080	5150 to 5250	Pass
			-30	120	5180.060	5150 to 5250	Pass
			-20	120	5180.080	5150 to 5250	Pass
			-10	120	5180.080	5150 to 5250	Pass
			0	120	5180.060	5150 to 5250	Pass
			10	120	5180.080	5150 to 5250	Pass
			30	120	5180.060	5150 to 5250	Pass
			40	120	5180.080	5150 to 5250	Pass
			50	120	5180.080	5150 to 5250	Pass
		5200	20	102	5200.060	5150 to 5250	Pass
				120	5200.080	5150 to 5250	Pass
				138	5200.080	5150 to 5250	Pass
			-30	120	5200.080	5150 to 5250	Pass
			-20	120	5200.080	5150 to 5250	Pass
			-10	120	5200.080	5150 to 5250	Pass
			0	120	5200.080	5150 to 5250	Pass
			10	120	5200.080	5150 to 5250	Pass
			30	120	5200.080	5150 to 5250	Pass
			40	120	5200.080	5150 to 5250	Pass
			50	120	5200.080	5150 to 5250	Pass
		5240	20	102	5240.100	5150 to 5250	Pass
				120	5240.100	5150 to 5250	Pass
				138	5240.100	5150 to 5250	Pass
			-30	120	5240.100	5150 to 5250	Pass
			-20	120	5240.100	5150 to 5250	Pass
			-10	120	5240.100	5150 to 5250	Pass
			0	120	5240.100	5150 to 5250	Pass
			10	120	5240.100	5150 to 5250	Pass
			30	120	5240.100	5150 to 5250	Pass
			40	120	5240.100	5150 to 5250	Pass

			50	120	5240.100	5150 to 5250	Pass
		5745	20	102	5745.080	5725 to 5850	Pass
				120	5745.080	5725 to 5850	Pass
				138	5745.080	5725 to 5850	Pass
			-30	120	5745.100	5725 to 5850	Pass
			-20	120	5745.080	5725 to 5850	Pass
			-10	120	5745.080	5725 to 5850	Pass
			0	120	5745.080	5725 to 5850	Pass
			10	120	5745.080	5725 to 5850	Pass
			30	120	5745.080	5725 to 5850	Pass
			40	120	5745.080	5725 to 5850	Pass
			50	120	5745.080	5725 to 5850	Pass
		5785	20	102	5785.080	5725 to 5850	Pass
				120	5785.080	5725 to 5850	Pass
				138	5785.080	5725 to 5850	Pass
			-30	120	5785.080	5725 to 5850	Pass
			-20	120	5785.080	5725 to 5850	Pass
			-10	120	5785.080	5725 to 5850	Pass
			0	120	5785.080	5725 to 5850	Pass
			10	120	5785.080	5725 to 5850	Pass
			30	120	5785.080	5725 to 5850	Pass
			40	120	5785.080	5725 to 5850	Pass
			50	120	5785.080	5725 to 5850	Pass
		5825	20	102	5825.080	5725 to 5850	Pass
				120	5825.080	5725 to 5850	Pass
				138	5825.080	5725 to 5850	Pass
			-30	120	5825.080	5725 to 5850	Pass
			-20	120	5825.080	5725 to 5850	Pass
			-10	120	5825.080	5725 to 5850	Pass
			0	120	5825.080	5725 to 5850	Pass
			10	120	5825.080	5725 to 5850	Pass
			30	120	5825.080	5725 to 5850	Pass
			40	120	5825.080	5725 to 5850	Pass
			50	120	5825.080	5725 to 5850	Pass
802.11n (HT20)	SISO	5180	20	102	5180.000	5150 to 5250	Pass
				120	5180.080	5150 to 5250	Pass
				138	5180.140	5150 to 5250	Pass
			-30	120	5180.040	5150 to 5250	Pass
			-20	120	5180.020	5150 to 5250	Pass
			-10	120	5180.040	5150 to 5250	Pass

			0	120	5180.040	5150 to 5250	Pass
			10	120	5180.080	5150 to 5250	Pass
			30	120	5180.060	5150 to 5250	Pass
			40	120	5180.060	5150 to 5250	Pass
			50	120	5180.020	5150 to 5250	Pass
		5200	20	102	5200.140	5150 to 5250	Pass
				120	5200.080	5150 to 5250	Pass
				138	5200.100	5150 to 5250	Pass
			-30	120	5200.060	5150 to 5250	Pass
			-20	120	5200.080	5150 to 5250	Pass
			-10	120	5200.060	5150 to 5250	Pass
			0	120	5200.080	5150 to 5250	Pass
			10	120	5200.080	5150 to 5250	Pass
			30	120	5200.040	5150 to 5250	Pass
			40	120	5200.100	5150 to 5250	Pass
			50	120	5200.020	5150 to 5250	Pass
		5240	20	102	5240.100	5150 to 5250	Pass
				120	5240.080	5150 to 5250	Pass
				138	5240.060	5150 to 5250	Pass
			-30	120	5240.120	5150 to 5250	Pass
			-20	120	5240.140	5150 to 5250	Pass
			-10	120	5240.120	5150 to 5250	Pass
			0	120	5240.060	5150 to 5250	Pass
			10	120	5240.100	5150 to 5250	Pass
			30	120	5240.120	5150 to 5250	Pass
			40	120	5240.060	5150 to 5250	Pass
			50	120	5240.120	5150 to 5250	Pass
		5745	20	102	5745.100	5725 to 5850	Pass
				120	5745.080	5725 to 5850	Pass
				138	5745.080	5725 to 5850	Pass
			-30	120	5745.140	5725 to 5850	Pass
			-20	120	5745.020	5725 to 5850	Pass
			-10	120	5745.040	5725 to 5850	Pass
			0	120	5745.120	5725 to 5850	Pass
			10	120	5745.040	5725 to 5850	Pass
			30	120	5745.100	5725 to 5850	Pass
			40	120	5745.040	5725 to 5850	Pass
			50	120	5745.160	5725 to 5850	Pass
		5785	20	102	5785.100	5725 to 5850	Pass
				120	5785.060	5725 to 5850	Pass

				138	5785.040	5725 to 5850	Pass
			-30	120	5785.080	5725 to 5850	Pass
			-20	120	5785.080	5725 to 5850	Pass
			-10	120	5785.040	5725 to 5850	Pass
			0	120	5785.020	5725 to 5850	Pass
			10	120	5785.100	5725 to 5850	Pass
			30	120	5785.060	5725 to 5850	Pass
			40	120	5785.020	5725 to 5850	Pass
			50	120	5785.100	5725 to 5850	Pass
		5825	20	102	5825.080	5725 to 5850	Pass
				120	5825.040	5725 to 5850	Pass
				138	5825.060	5725 to 5850	Pass
			-30	120	5825.080	5725 to 5850	Pass
			-20	120	5825.080	5725 to 5850	Pass
			-10	120	5825.060	5725 to 5850	Pass
			0	120	5825.060	5725 to 5850	Pass
			10	120	5825.080	5725 to 5850	Pass
			30	120	5825.020	5725 to 5850	Pass
			40	120	5825.000	5725 to 5850	Pass
			50	120	5825.120	5725 to 5850	Pass
802.11n (HT40)	SISO	5190	20	102	5190.040	5150 to 5250	Pass
				120	5190.080	5150 to 5250	Pass
				138	5190.120	5150 to 5250	Pass
			-30	120	5190.160	5150 to 5250	Pass
			-20	120	5190.080	5150 to 5250	Pass
			-10	120	5190.160	5150 to 5250	Pass
			0	120	5190.160	5150 to 5250	Pass
			10	120	5190.200	5150 to 5250	Pass
			30	120	5190.120	5150 to 5250	Pass
			40	120	5190.080	5150 to 5250	Pass
			50	120	5190.120	5150 to 5250	Pass
		5230	20	102	5230.120	5150 to 5250	Pass
				120	5230.120	5150 to 5250	Pass
				138	5230.160	5150 to 5250	Pass
			-30	120	5230.200	5150 to 5250	Pass
			-20	120	5230.080	5150 to 5250	Pass
			-10	120	5230.200	5150 to 5250	Pass
			0	120	5230.160	5150 to 5250	Pass
			10	120	5230.120	5150 to 5250	Pass
			30	120	5230.240	5150 to 5250	Pass

			40	120	5230.120	5150 to 5250	Pass
			50	120	5230.080	5150 to 5250	Pass
		5755	20	102	5755.080	5725 to 5850	Pass
				120	5755.080	5725 to 5850	Pass
				138	5755.120	5725 to 5850	Pass
			-30	120	5755.080	5725 to 5850	Pass
			-20	120	5755.160	5725 to 5850	Pass
			-10	120	5755.080	5725 to 5850	Pass
			0	120	5755.200	5725 to 5850	Pass
			10	120	5755.080	5725 to 5850	Pass
			30	120	5755.120	5725 to 5850	Pass
			40	120	5755.120	5725 to 5850	Pass
			50	120	5755.200	5725 to 5850	Pass
		5795	20	102	5795.080	5725 to 5850	Pass
				120	5795.040	5725 to 5850	Pass
				138	5795.160	5725 to 5850	Pass
			-30	120	5795.120	5725 to 5850	Pass
			-20	120	5795.040	5725 to 5850	Pass
			-10	120	5795.120	5725 to 5850	Pass
			0	120	5795.080	5725 to 5850	Pass
			10	120	5795.080	5725 to 5850	Pass
			30	120	5795.080	5725 to 5850	Pass
			40	120	5795.080	5725 to 5850	Pass
			50	120	5795.160	5725 to 5850	Pass
802.11ac (VHT20)	SISO	5180	20	102	5180.100	5150 to 5250	Pass
				120	5180.060	5150 to 5250	Pass
				138	5180.120	5150 to 5250	Pass
			-30	120	5180.060	5150 to 5250	Pass
			-20	120	5180.100	5150 to 5250	Pass
			-10	120	5180.060	5150 to 5250	Pass
			0	120	5180.040	5150 to 5250	Pass
			10	120	5180.020	5150 to 5250	Pass
			30	120	5180.040	5150 to 5250	Pass
			40	120	5180.040	5150 to 5250	Pass
			50	120	5180.060	5150 to 5250	Pass
		5200	20	102	5200.100	5150 to 5250	Pass
				120	5200.060	5150 to 5250	Pass
				138	5200.100	5150 to 5250	Pass
			-30	120	5200.080	5150 to 5250	Pass
			-20	120	5200.060	5150 to 5250	Pass

			-10	120	5200.100	5150 to 5250	Pass
			0	120	5200.120	5150 to 5250	Pass
			10	120	5200.080	5150 to 5250	Pass
			30	120	5200.160	5150 to 5250	Pass
			40	120	5200.080	5150 to 5250	Pass
			50	120	5200.080	5150 to 5250	Pass
		5240	20	102	5240.140	5150 to 5250	Pass
				120	5240.060	5150 to 5250	Pass
				138	5240.160	5150 to 5250	Pass
			-30	120	5240.100	5150 to 5250	Pass
			-20	120	5240.140	5150 to 5250	Pass
			-10	120	5240.060	5150 to 5250	Pass
			0	120	5240.020	5150 to 5250	Pass
			10	120	5240.080	5150 to 5250	Pass
			30	120	5240.140	5150 to 5250	Pass
			40	120	5240.040	5150 to 5250	Pass
			50	120	5240.080	5150 to 5250	Pass
		5745	20	102	5745.200	5725 to 5850	Pass
				120	5745.020	5725 to 5850	Pass
				138	5745.080	5725 to 5850	Pass
			-30	120	5745.120	5725 to 5850	Pass
			-20	120	5745.040	5725 to 5850	Pass
			-10	120	5745.080	5725 to 5850	Pass
			0	120	5745.040	5725 to 5850	Pass
			10	120	5745.080	5725 to 5850	Pass
			30	120	5745.120	5725 to 5850	Pass
			40	120	5745.100	5725 to 5850	Pass
			50	120	5745.080	5725 to 5850	Pass
		5785	20	102	5785.020	5725 to 5850	Pass
				120	5785.080	5725 to 5850	Pass
				138	5785.080	5725 to 5850	Pass
			-30	120	5785.100	5725 to 5850	Pass
			-20	120	5785.100	5725 to 5850	Pass
			-10	120	5785.060	5725 to 5850	Pass
			0	120	5785.080	5725 to 5850	Pass
			10	120	5785.040	5725 to 5850	Pass
			30	120	5785.080	5725 to 5850	Pass
			40	120	5785.080	5725 to 5850	Pass
			50	120	5785.060	5725 to 5850	Pass
		5825	20	102	5825.020	5725 to 5850	Pass

				120	5825.060	5725 to 5850	Pass
				138	5825.080	5725 to 5850	Pass
			-30	120	5825.080	5725 to 5850	Pass
			-20	120	5825.060	5725 to 5850	Pass
			-10	120	5825.080	5725 to 5850	Pass
			0	120	5825.080	5725 to 5850	Pass
			10	120	5825.060	5725 to 5850	Pass
			30	120	5825.060	5725 to 5850	Pass
			40	120	5825.080	5725 to 5850	Pass
			50	120	5825.060	5725 to 5850	Pass
802.11ac (VHT40)	SISO	5190	20	102	5190.120	5150 to 5250	Pass
				120	5190.160	5150 to 5250	Pass
				138	5190.120	5150 to 5250	Pass
			-30	120	5190.160	5150 to 5250	Pass
			-20	120	5190.120	5150 to 5250	Pass
			-10	120	5190.160	5150 to 5250	Pass
			0	120	5190.040	5150 to 5250	Pass
			10	120	5190.080	5150 to 5250	Pass
			30	120	5190.120	5150 to 5250	Pass
			40	120	5190.160	5150 to 5250	Pass
			50	120	5190.000	5150 to 5250	Pass
		5230	20	102	5230.160	5150 to 5250	Pass
				120	5230.080	5150 to 5250	Pass
				138	5230.080	5150 to 5250	Pass
			-30	120	5230.160	5150 to 5250	Pass
			-20	120	5230.120	5150 to 5250	Pass
			-10	120	5230.160	5150 to 5250	Pass
			0	120	5230.120	5150 to 5250	Pass
			10	120	5230.120	5150 to 5250	Pass
			30	120	5230.160	5150 to 5250	Pass
			40	120	5230.120	5150 to 5250	Pass
			50	120	5230.160	5150 to 5250	Pass
		5755	20	102	5755.120	5725 to 5850	Pass
				120	5755.120	5725 to 5850	Pass
				138	5755.160	5725 to 5850	Pass
			-30	120	5755.120	5725 to 5850	Pass
			-20	120	5755.120	5725 to 5850	Pass
			-10	120	5755.160	5725 to 5850	Pass
			0	120	5755.120	5725 to 5850	Pass
			10	120	5755.120	5725 to 5850	Pass

			30	120	5755.160	5725 to 5850	Pass
			40	120	5755.120	5725 to 5850	Pass
			50	120	5755.160	5725 to 5850	Pass
		5795	20	102	5795.080	5725 to 5850	Pass
				120	5795.080	5725 to 5850	Pass
				138	5795.040	5725 to 5850	Pass
			-30	120	5795.120	5725 to 5850	Pass
			-20	120	5795.120	5725 to 5850	Pass
			-10	120	5795.080	5725 to 5850	Pass
			0	120	5795.080	5725 to 5850	Pass
			10	120	5795.080	5725 to 5850	Pass
			30	120	5795.080	5725 to 5850	Pass
			40	120	5795.080	5725 to 5850	Pass
			50	120	5795.040	5725 to 5850	Pass

CSE

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	1	7.92	-12.08	Pass
		2437	1	7.92	-32.08	Pass
		2462	1	7.92	-12.08	Pass
802.11g	SISO	2412	1	9.79	-10.21	Pass
		2437	1	9.79	-30.21	Pass
		2462	1	9.79	-10.21	Pass
802.11n (HT20)	SISO	2412	1	-2.06	-22.06	Pass
		2437	1	-2.06	-42.06	Pass
		2462	1	-2.06	-22.06	Pass
802.11n (HT40)	SISO	2422	1	-5.16	-25.16	Pass
		2437	1	-5.16	-45.16	Pass
		2452	1	-5.16	-25.16	Pass
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.						

8 Restrict-band Band-edge Measurements

8.1 Test Result

Band 1

Test Mode: 802.11a								
Peak Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5150.00	46.96	28.65	13.58	31.04	58.15	74.00	-15.85	H
5350.00	48.72	29.16	14.68	31.96	60.60	74.00	-13.40	H
5150.00	45.26	28.65	13.58	31.04	56.45	74.00	-17.55	V
5350.00	45.42	29.16	14.68	31.96	57.30	74.00	-16.70	V
Average Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5150.00	32.88	28.65	13.58	31.04	44.07	54.00	-9.93	H
5350.00	34.25	29.16	14.68	31.96	46.13	54.00	-7.87	H
5150.00	33.97	28.65	13.58	31.04	45.16	54.00	-8.84	V
5350.00	32.06	29.16	14.68	31.96	43.94	54.00	-10.06	V

Test Mode: 802.11n20								
Peak Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5150.00	48.12	28.65	13.58	31.04	59.31	74.00	-14.69	H
5350.00	45.36	29.16	14.68	31.96	57.24	74.00	-16.76	H
5150.00	47.56	28.65	13.58	31.04	58.75	74.00	-15.25	V
5350.00	47.05	29.16	14.68	31.96	58.93	74.00	-15.07	V
Average Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5150.00	32.18	28.65	13.58	31.04	43.37	54.00	-10.63	H
5350.00	34.08	29.16	14.68	31.96	45.96	54.00	-8.04	H
5150.00	33.27	28.65	13.58	31.04	44.46	54.00	-9.54	V
5350.00	33.29	29.16	14.68	31.96	45.17	54.00	-8.83	V

Test Mode: 802.11ac20								
Peak Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5150.00	47.46	28.65	13.58	31.04	58.65	74.00	-15.35	H
5350.00	45.55	29.16	14.68	31.96	57.43	74.00	-16.57	H
5150.00	48.19	28.65	13.58	31.04	59.38	74.00	-14.62	V
5350.00	47.47	29.16	14.68	31.96	59.35	74.00	-14.65	V
Average Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5150.00	33.12	28.65	13.58	31.04	44.31	54.00	-9.69	H
5350.00	33.16	29.16	14.68	31.96	45.04	54.00	-8.96	H
5150.00	32.46	28.65	13.58	31.04	43.65	54.00	-10.35	V
5350.00	34.99	29.16	14.68	31.96	46.87	54.00	-7.13	V

Test Mode: 802.11n40								
Peak Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5150.00	46.81	28.65	13.58	31.04	58.00	74.00	-16.00	H
5350.00	47.23	29.16	14.68	31.96	59.11	74.00	-14.89	H
5150.00	48.22	28.65	13.58	31.04	59.41	74.00	-14.59	V
5350.00	46.70	29.16	14.68	31.96	58.58	74.00	-15.42	V
Average Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5150.00	33.81	28.65	13.58	31.04	45.00	54.00	-9.00	H
5350.00	33.72	29.16	14.68	31.96	45.60	54.00	-8.40	H
5150.00	33.08	28.65	13.58	31.04	44.27	54.00	-9.73	V
5350.00	33.54	29.16	14.68	31.96	45.42	54.00	-8.58	V

Test Mode: 802.11ac40								
Peak Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5150.00	46.45	28.65	13.58	31.04	57.64	74.00	-16.36	H
5350.00	46.32	29.16	14.68	31.96	58.20	74.00	-15.80	H
5150.00	47.53	28.65	13.58	31.04	58.72	74.00	-15.28	V
5350.00	48.52	29.16	14.68	31.96	60.40	74.00	-13.60	V
Average Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5150.00	33.86	28.65	13.58	31.04	45.05	54.00	-8.95	H
5350.00	32.01	29.16	14.68	31.96	43.89	54.00	-10.11	H
5150.00	32.79	28.65	13.58	31.04	43.98	54.00	-10.02	V
5350.00	34.35	29.16	14.68	31.96	46.23	54.00	-7.77	V

Band 1

Test Mode: 802.11a								
Peak Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5725.00	45.17	28.65	13.58	31.04	56.36	68.20	-11.84	H
5850.00	48.93	29.16	14.68	31.96	60.81	68.20	-7.39	H
5725.00	47.75	28.65	13.58	31.04	58.94	68.20	-9.26	V
5850.00	47.05	29.16	14.68	31.96	58.93	68.20	-9.27	V
Average Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5725.00	33.73	28.65	13.58	31.04	44.92	54.00	-9.08	H
5850.00	33.99	29.16	14.68	31.96	45.87	54.00	-8.13	H
5725.00	34.49	28.65	13.58	31.04	45.68	54.00	-8.32	V
5850.00	34.55	29.16	14.68	31.96	46.43	54.00	-7.57	V

Test Mode: 802.11n20								
Peak Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5725.00	45.18	28.65	13.58	31.04	56.37	68.20	-11.83	H
5850.00	46.02	29.16	14.68	31.96	57.90	68.20	-10.30	H
5725.00	45.06	28.65	13.58	31.04	56.25	68.20	-11.95	V
5850.00	45.25	29.16	14.68	31.96	57.13	68.20	-11.07	V
Average Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5725.00	33.91	28.65	13.58	31.04	45.10	54.00	-8.90	H
5850.00	34.89	29.16	14.68	31.96	46.77	54.00	-7.23	H
5725.00	33.67	28.65	13.58	31.04	44.86	54.00	-9.14	V
5850.00	33.58	29.16	14.68	31.96	45.46	54.00	-8.54	V

Test Mode: 802.11ac20								
Peak Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5725.00	47.92	28.65	13.58	31.04	59.11	68.20	-9.09	H
5850.00	45.56	29.16	14.68	31.96	57.44	68.20	-10.76	H
5725.00	47.08	28.65	13.58	31.04	58.27	68.20	-9.93	V
5850.00	48.15	29.16	14.68	31.96	60.03	68.20	-8.17	V
Average Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5725.00	33.54	28.65	13.58	31.04	44.73	54.00	-9.27	H
5850.00	32.56	29.16	14.68	31.96	44.44	54.00	-9.56	H
5725.00	32.77	28.65	13.58	31.04	43.96	54.00	-10.04	V
5850.00	33.30	29.16	14.68	31.96	45.18	54.00	-8.82	V

Test Mode: 802.11n40								
Peak Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5725.00	46.72	28.65	13.58	31.04	57.91	68.20	-10.29	H
5850.00	45.69	29.16	14.68	31.96	57.57	68.20	-10.63	H
5725.00	47.28	28.65	13.58	31.04	58.47	68.20	-9.73	V
5850.00	45.55	29.16	14.68	31.96	57.43	68.20	-10.77	V
Average Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5725.00	33.47	28.65	13.58	31.04	44.66	54.00	-9.34	H
5850.00	34.32	29.16	14.68	31.96	46.20	54.00	-7.80	H
5725.00	34.87	28.65	13.58	31.04	46.06	54.00	-7.94	V
5850.00	33.16	29.16	14.68	31.96	45.04	54.00	-8.96	V

Test Mode: 802.11ac40								
Peak Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5725.00	46.44	28.65	13.58	31.04	57.63	68.20	-10.57	H
5850.00	49.00	29.16	14.68	31.96	60.88	68.20	-7.32	H
5725.00	45.32	28.65	13.58	31.04	56.51	68.20	-11.69	V
5850.00	48.82	29.16	14.68	31.96	60.70	68.20	-7.50	V
Average Value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
5725.00	34.06	28.65	13.58	31.04	45.25	54.00	-8.75	H
5850.00	34.06	29.16	14.68	31.96	45.94	54.00	-8.06	H
5725.00	33.63	28.65	13.58	31.04	44.82	54.00	-9.18	V
5850.00	34.11	29.16	14.68	31.96	45.99	54.00	-8.01	V

Note:

1. Final Level =Receiver Read level + Antenna Factor + Cable Loss–Preamplifier Factor

------End------