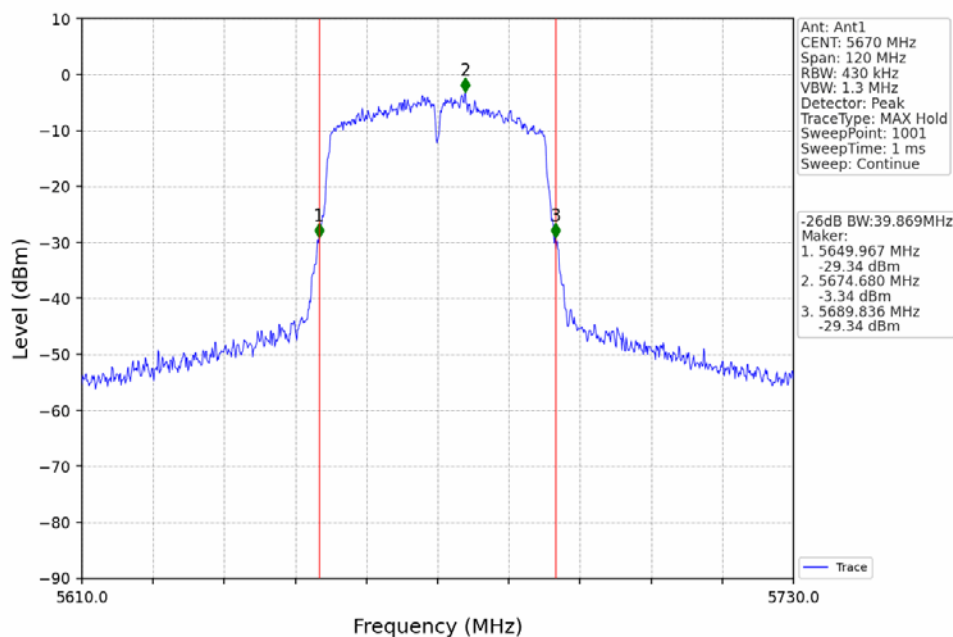
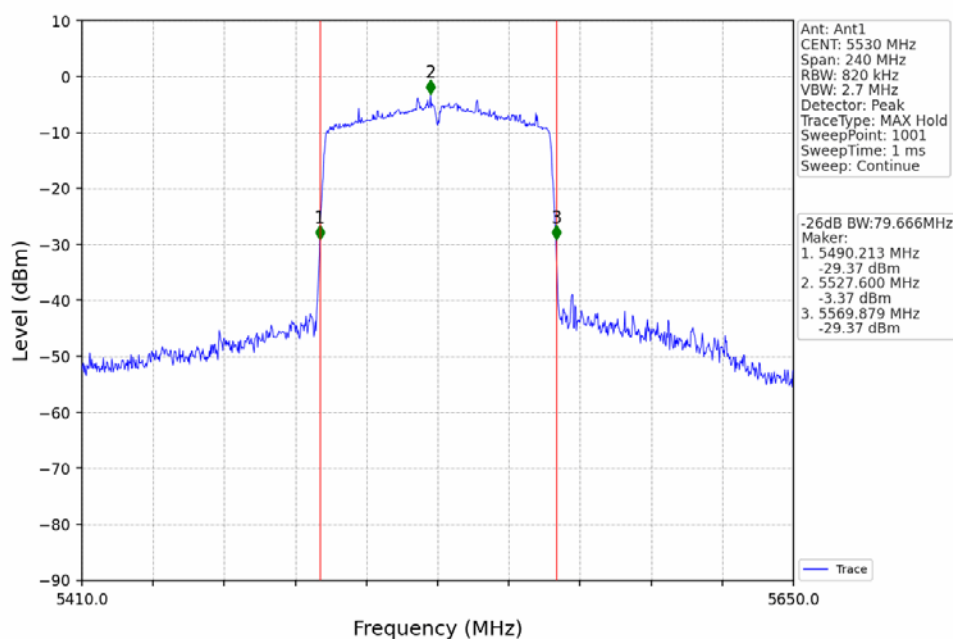


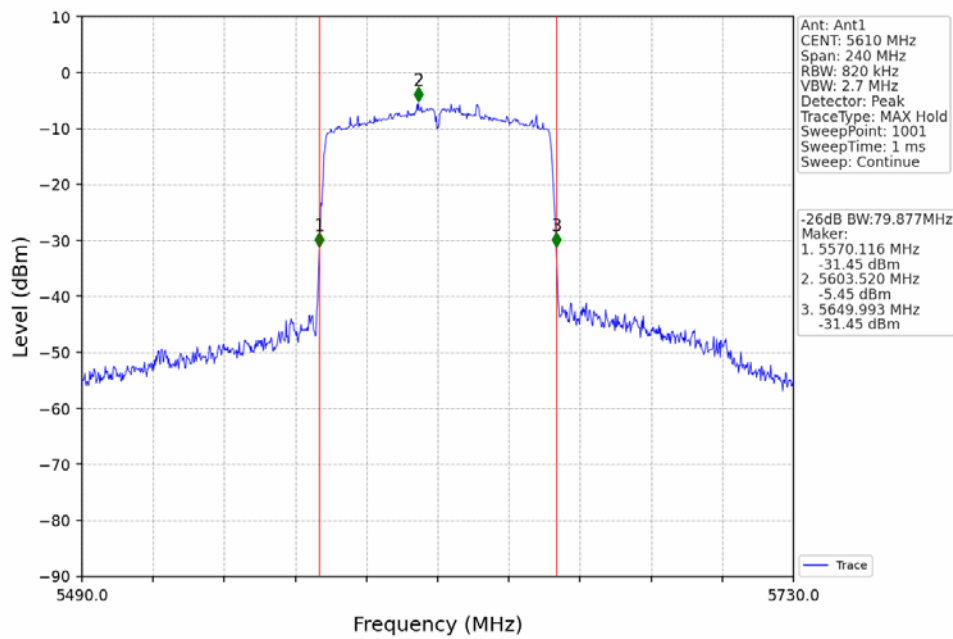
802.11ac(VHT40) HCH_5670MHz_Ant1_NTNV



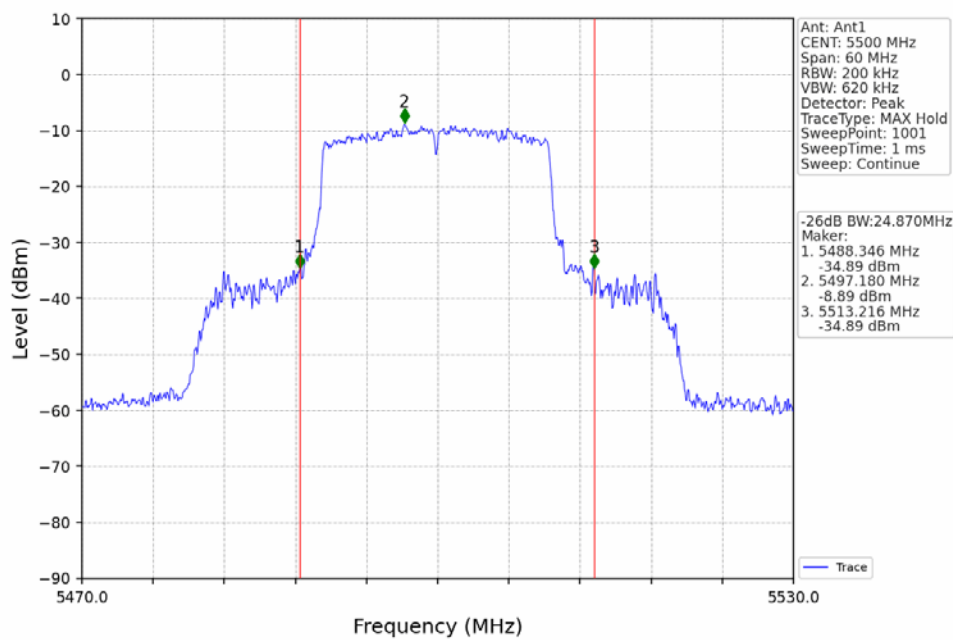
802.11ac(VHT80) LCH_5530MHz_Ant1_NTNV



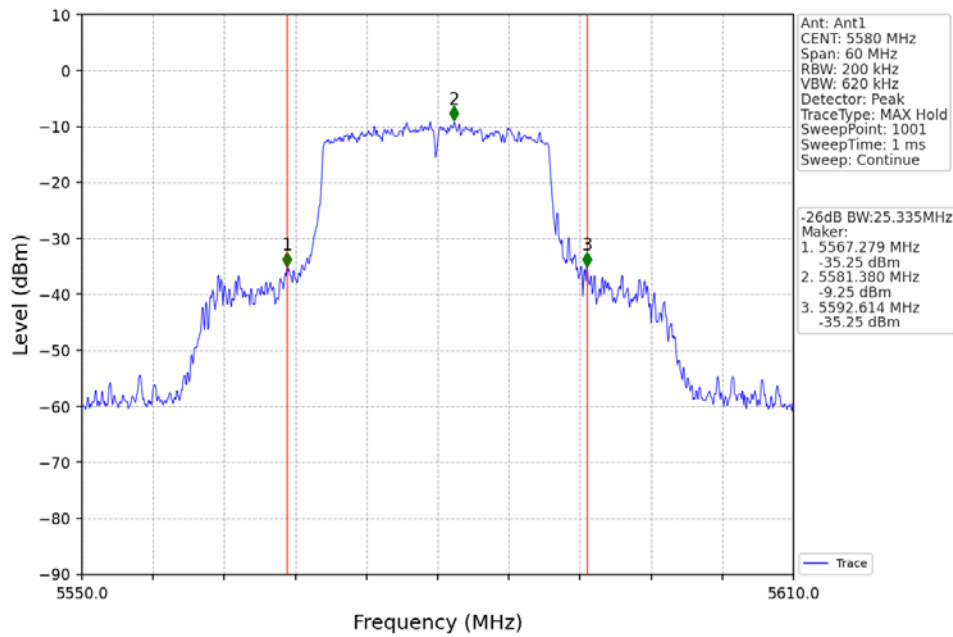
802.11ac(VHT80) HCH_5610MHz_Ant1_NTNV



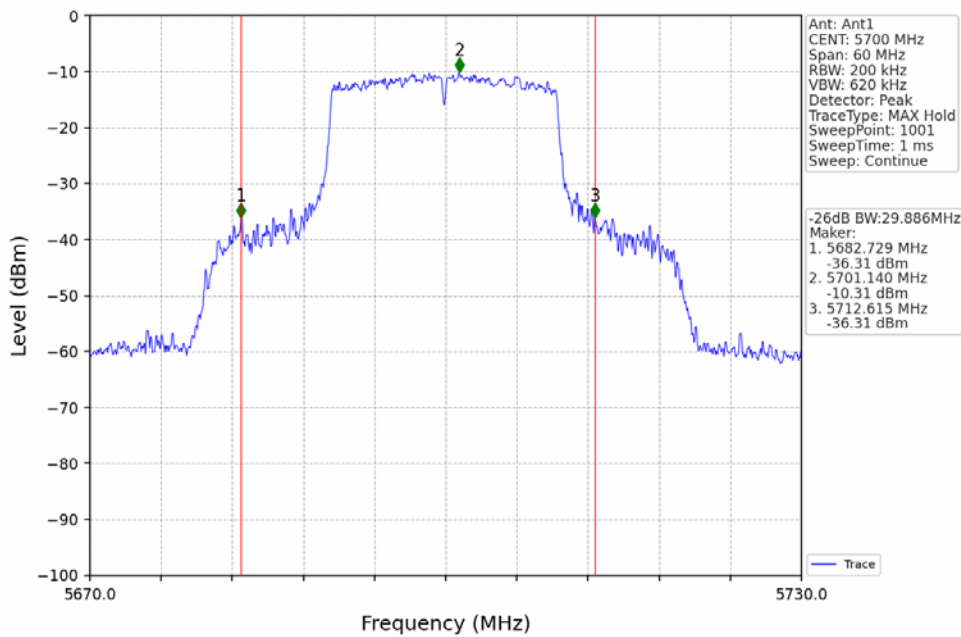
802.11ax(HEW20) LCH_5500MHz_RU242_Left_Ant1_NTNV



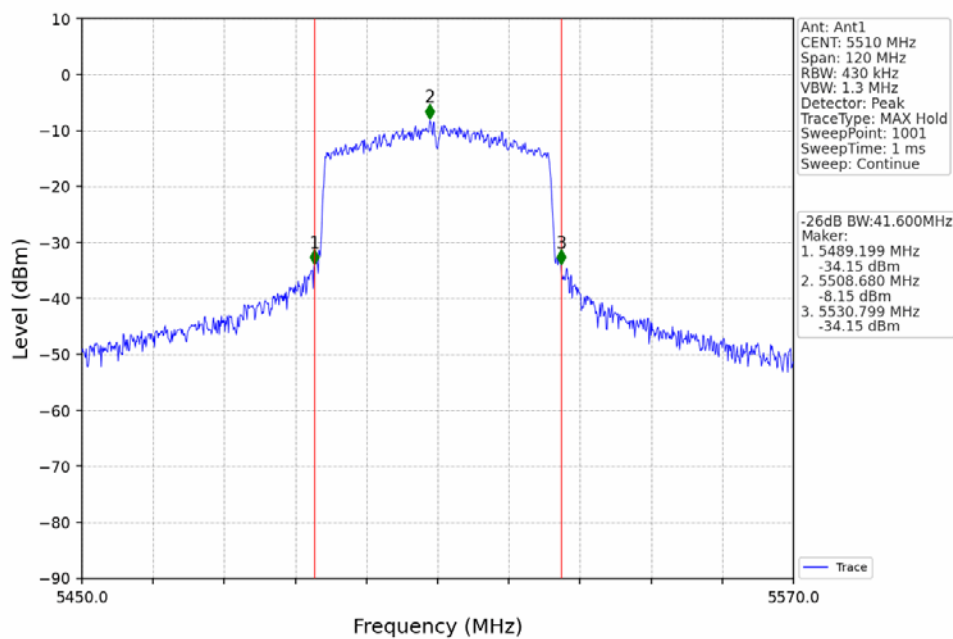
802.11ax(HEW20)_MCH_5580MHz RU242_Left Ant1 NTN



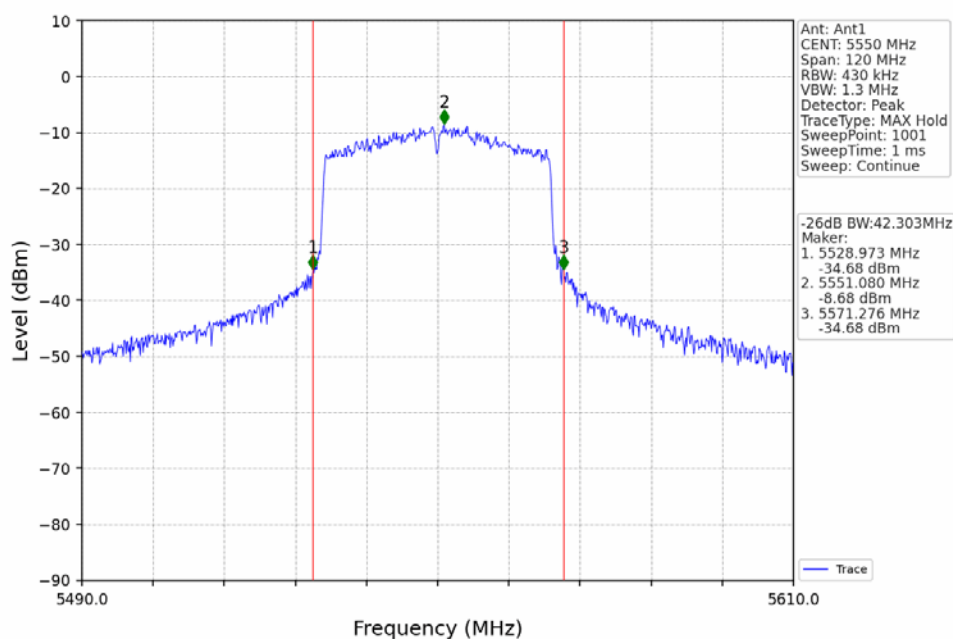
802.11ax(HEW20)_HCH_5700MHz RU242_Left Ant1 NTN



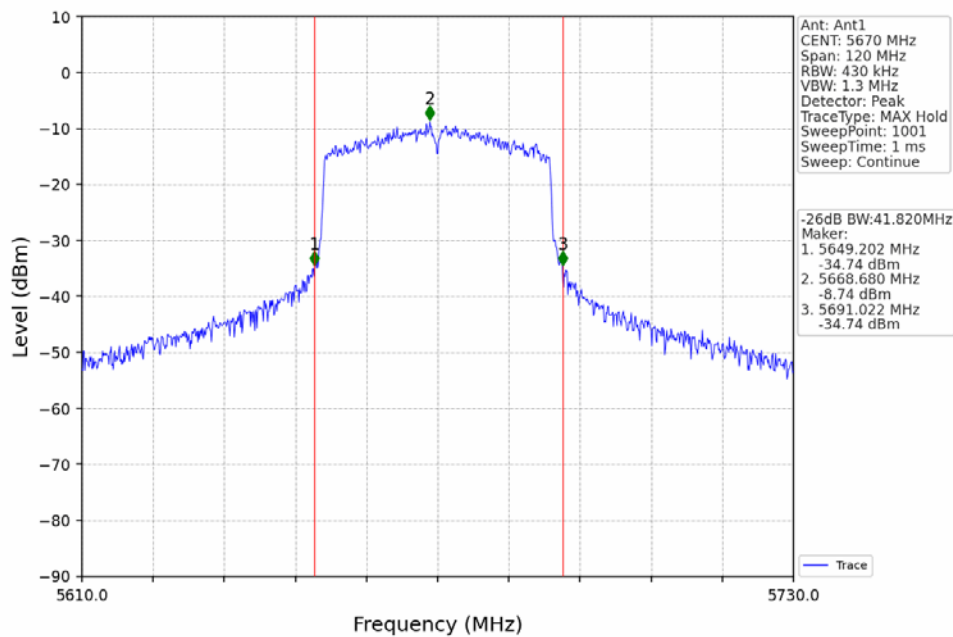
802.11ax(HEW40) LCH_5510MHz_RU484_Left Ant1_NTNV



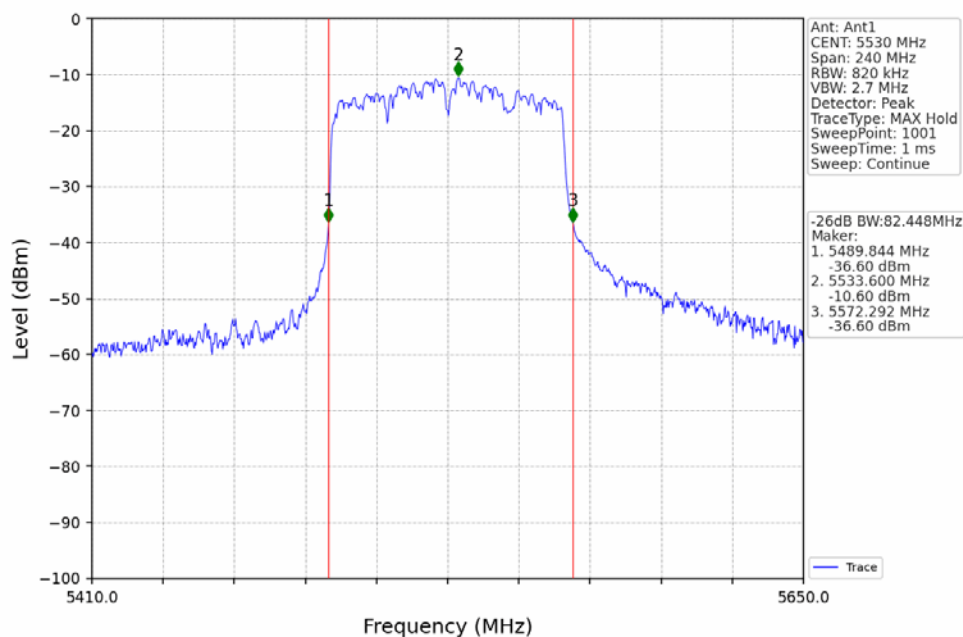
802.11ax(HEW40) MCH_5550MHz_RU484_Left Ant1_NTNV

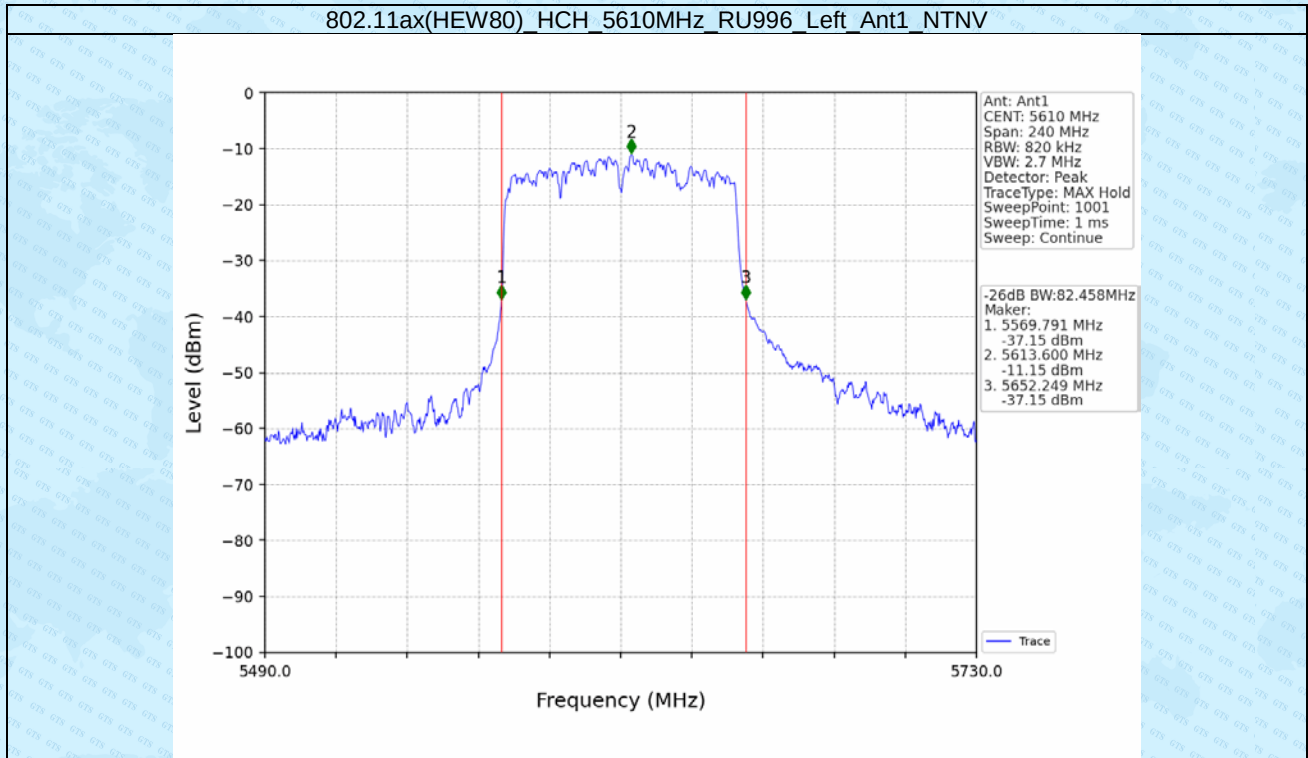


802.11ax(HEW40)_HCH_5670MHz_RU484_Left Ant1_NTNV



802.11ax(HEW80)_LCH_5530MHz_RU996_Left Ant1_NTNV





3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum Average Conducted Output Power (dBm)				Verdict
					ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5500	/	/	8.72	7.70	/	<=23.98	Pass
		5580	/	/	7.67	8.35	/	<=23.98	Pass
		5700	/	/	7.79	5.72	/	<=23.98	Pass
802.11n (HT20)	MIMO	5500	/	/	5.30	4.15	7.77	<=23.98	Pass
		5580	/	/	5.58	4.09	7.91	<=23.98	Pass
		5700	/	/	5.16	4.29	7.76	<=23.98	Pass
802.11n (HT40)	MIMO	5510	/	/	5.06	4.13	7.63	<=23.98	Pass
		5550	/	/	5.19	4.38	7.81	<=23.98	Pass
		5670	/	/	5.18	4.35	7.80	<=23.98	Pass
802.11ac (VHT20)	MIMO	5500	/	/	5.42	4.33	7.92	<=23.98	Pass
		5580	/	/	5.02	4.01	7.55	<=23.98	Pass
		5700	/	/	5.24	4.01	7.68	<=23.98	Pass
802.11ac (VHT40)	MIMO	5510	/	/	5.31	4.15	7.78	<=23.98	Pass
		5550	/	/	5.75	4.22	8.06	<=23.98	Pass
		5670	/	/	5.37	4.59	8.01	<=23.98	Pass
802.11ac (VHT80)	MIMO	5530	/	/	5.50	4.28	7.94	<=23.98	Pass
		5610	/	/	5.87	4.10	8.08	<=23.98	Pass
802.11ax (HEW20)	MIMO	5500	RU242	Left	0.79	-0.75	3.10	<=23.98	Pass
		5580	RU242	Left	0.40	0.49	3.46	<=23.98	Pass
		5700	RU242	Left	-0.24	-2.48	1.79	<=23.98	Pass
802.11ax (HEW40)	MIMO	5510	RU484	Left	-0.64	-1.57	1.93	<=23.98	Pass
		5550	RU484	Left	-3.40	-3.71	-0.54	<=23.98	Pass
		5670	RU484	Left	-1.39	-2.99	0.89	<=23.98	Pass
802.11ax (HEW80)	MIMO	5530	RU996	Left	-0.59	-1.51	1.98	<=23.98	Pass
		5610	RU996	Left	-1.00	-0.31	2.37	<=23.98	Pass

Note1: Antenna Gain: Ant1: 3.46dBi; Ant2: 3.46dBi;

Note2: Directional Gain: 3.46dBi,

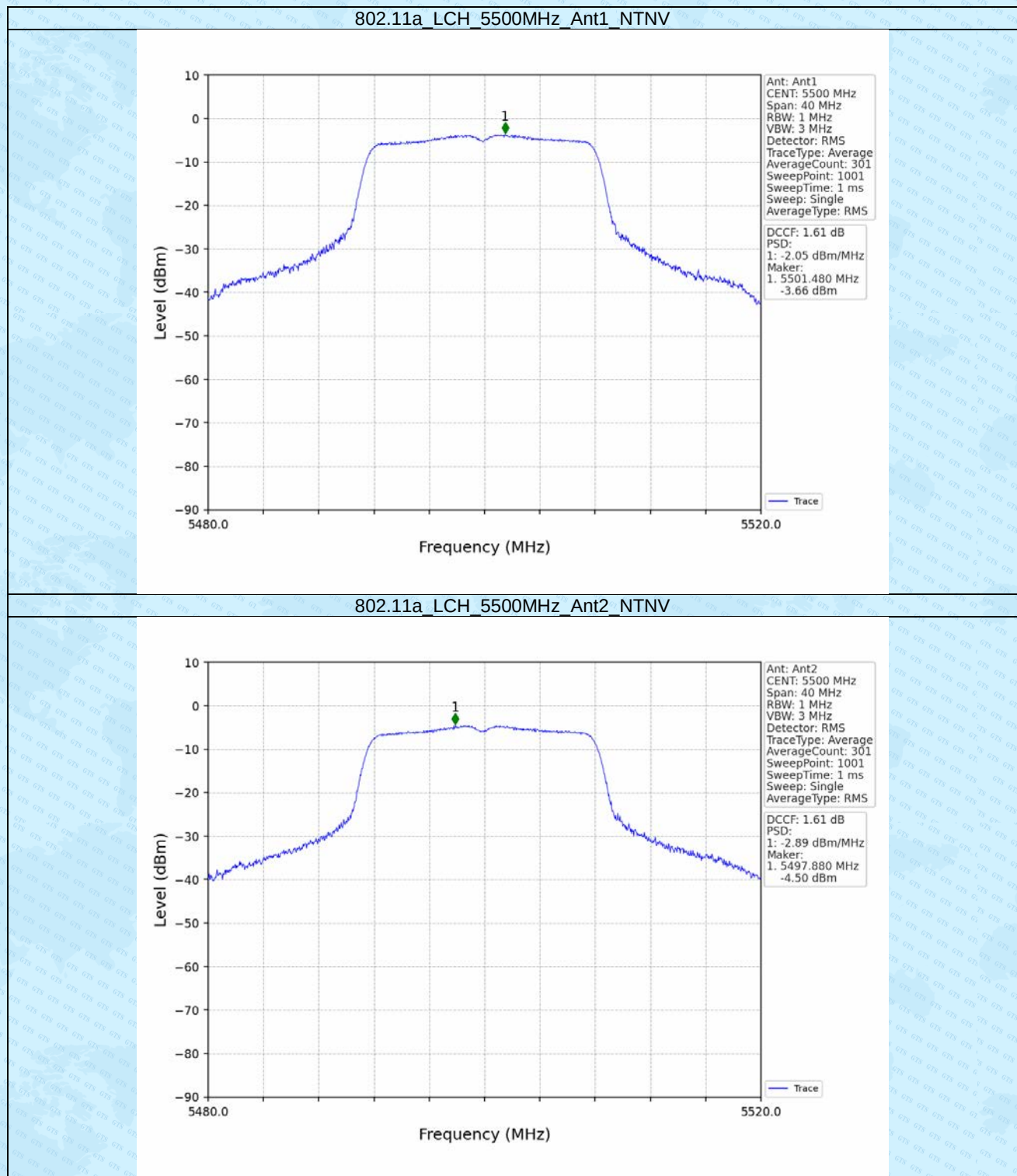
4. Maximum Power Spectral Density

4.1 PSD

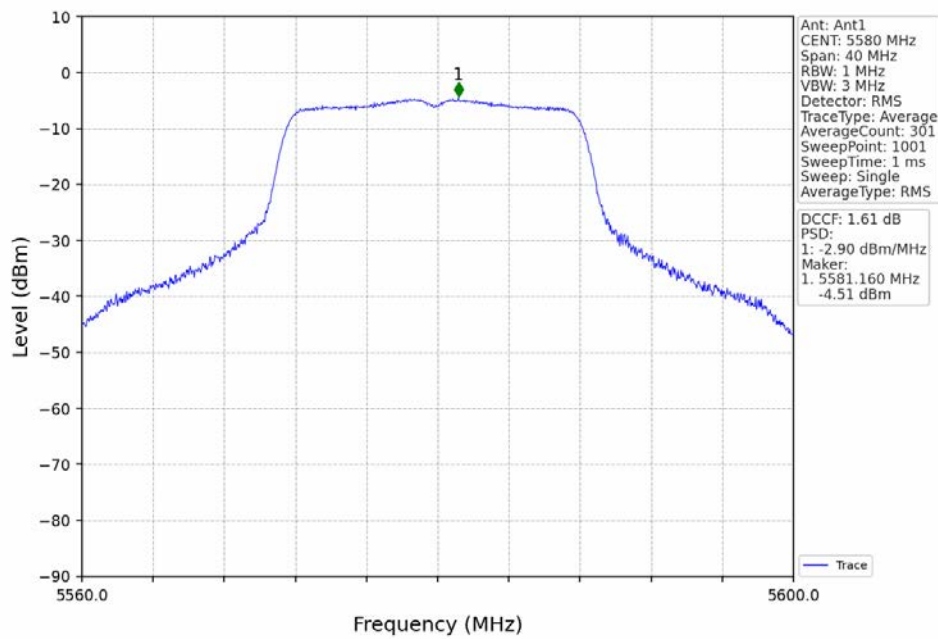
4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/MHz)				Verdict
					ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5500	/	/	-2.05	-2.89	/	<=11	Pass
		5580	/	/	-2.90	-2.37	/	<=11	Pass
		5700	/	/	-3.03	-4.59	/	<=11	Pass
802.11n (HT20)	MIMO	5500	/	/	-3.38	-4.71	-1.08	<=10.53	Pass
		5580	/	/	-4.16	-4.02	-1.20	<=10.53	Pass
		5700	/	/	-4.83	-6.88	-2.80	<=10.53	Pass
802.11n (HT40)	MIMO	5510	/	/	-6.64	-7.67	-4.26	<=10.53	Pass
		5550	/	/	-6.82	-7.14	-4.21	<=10.53	Pass
		5670	/	/	-7.84	-9.13	-5.54	<=10.53	Pass
802.11ac (VHT20)	MIMO	5500	/	/	-3.66	-5.06	-1.38	<=10.53	Pass
		5580	/	/	-3.91	-3.78	-0.92	<=10.53	Pass
		5700	/	/	-5.00	-6.65	-2.87	<=10.53	Pass
802.11ac (VHT40)	MIMO	5510	/	/	-6.64	-7.79	-4.36	<=10.53	Pass
		5550	/	/	-6.50	-6.92	-3.86	<=10.53	Pass
		5670	/	/	-7.09	-8.89	-5.00	<=10.53	Pass
802.11ac (VHT80)	MIMO	5530	/	/	-10.38	-11.53	-8.14	<=10.53	Pass
		5610	/	/	-12.69	-11.47	-9.10	<=10.53	Pass
802.11ax (HEW20)	MIMO	5500	RU242	Left	-10.42	-11.89	-8.26	<=10.53	Pass
		5580	RU242	Left	-10.74	-10.53	-7.63	<=10.53	Pass
		5700	RU242	Left	-11.24	-13.68	-9.38	<=10.53	Pass
802.11ax (HEW40)	MIMO	5510	RU484	Left	-13.53	-14.33	-11.11	<=10.53	Pass
		5550	RU484	Left	-16.34	-16.41	-13.47	<=10.53	Pass
		5670	RU484	Left	-14.41	-15.78	-12.21	<=10.53	Pass
802.11ax (HEW80)	MIMO	5530	RU996	Left	-16.23	-17.01	-13.63	<=10.53	Pass
		5610	RU996	Left	-16.68	-15.57	-13.08	<=10.53	Pass
Note1: Antenna Gain: Ant1: 3.46dBi; Ant2: 3.46dBi; Note2: Directional Gain: 6.47dBi, Note3: Result contains DCCF									

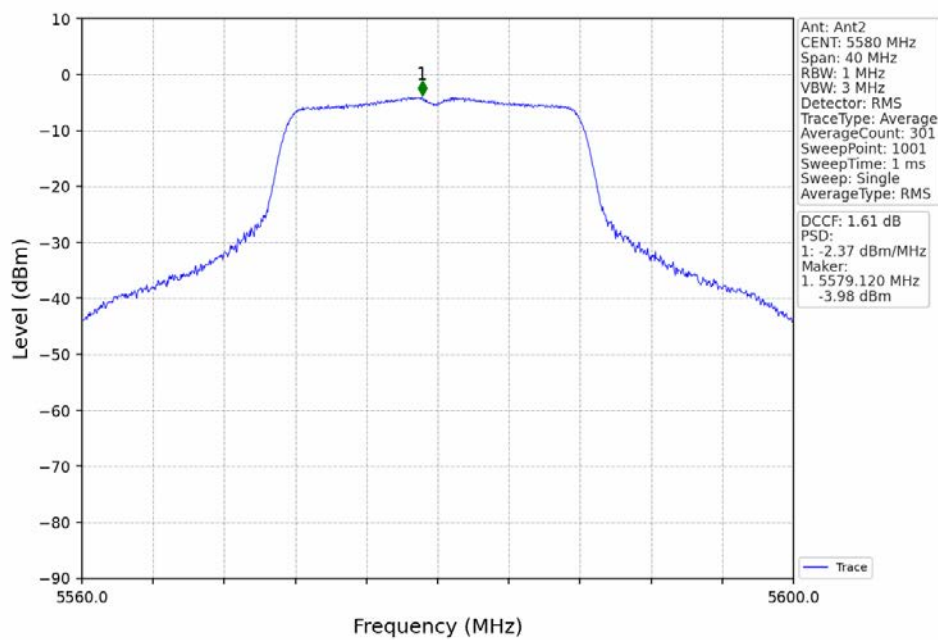
4.1.2 Test Graph



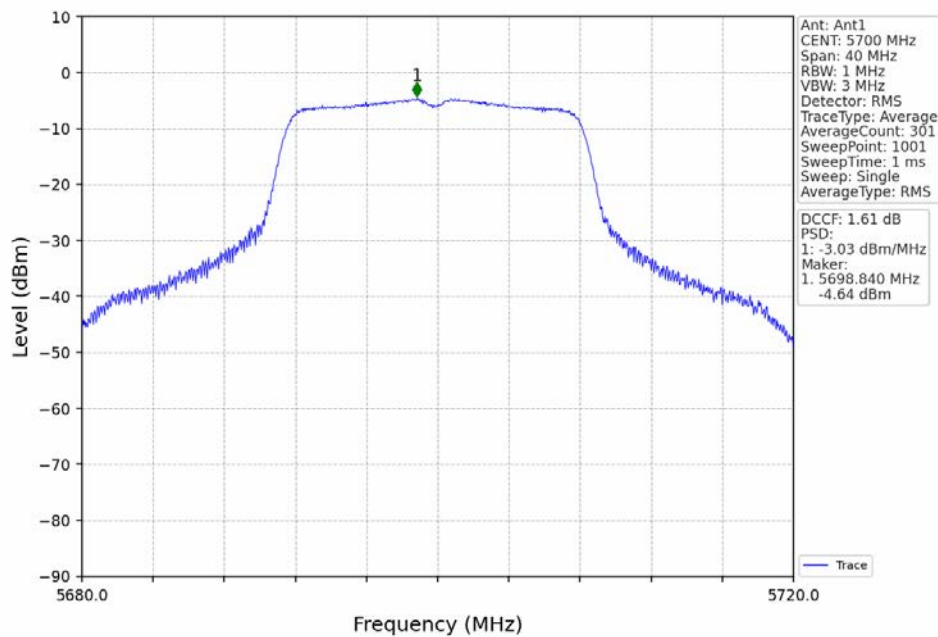
802.11a_MCH_5580MHz_Ant1_NTNV



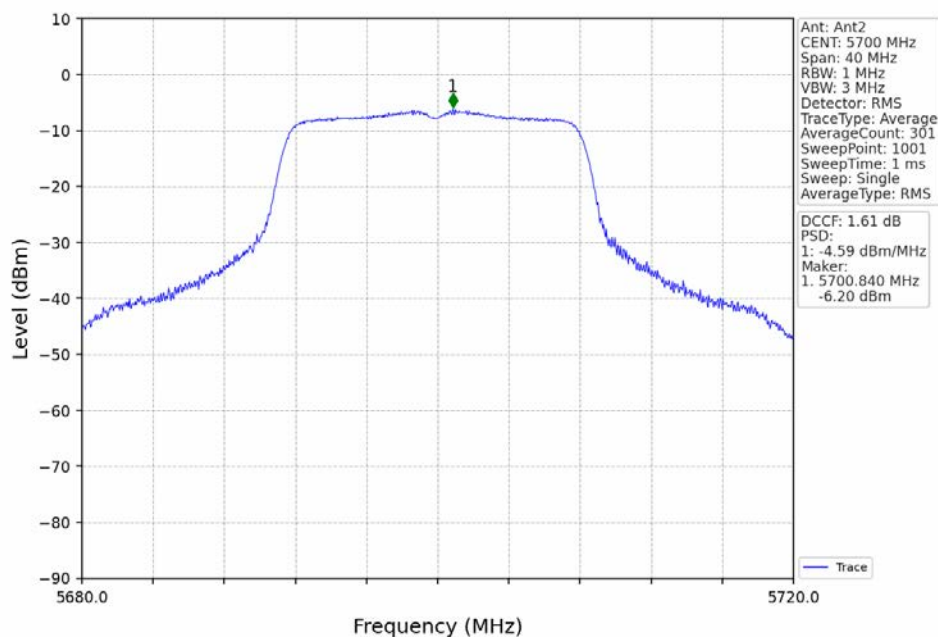
802.11a_MCH_5580MHz_Ant2_NTNV



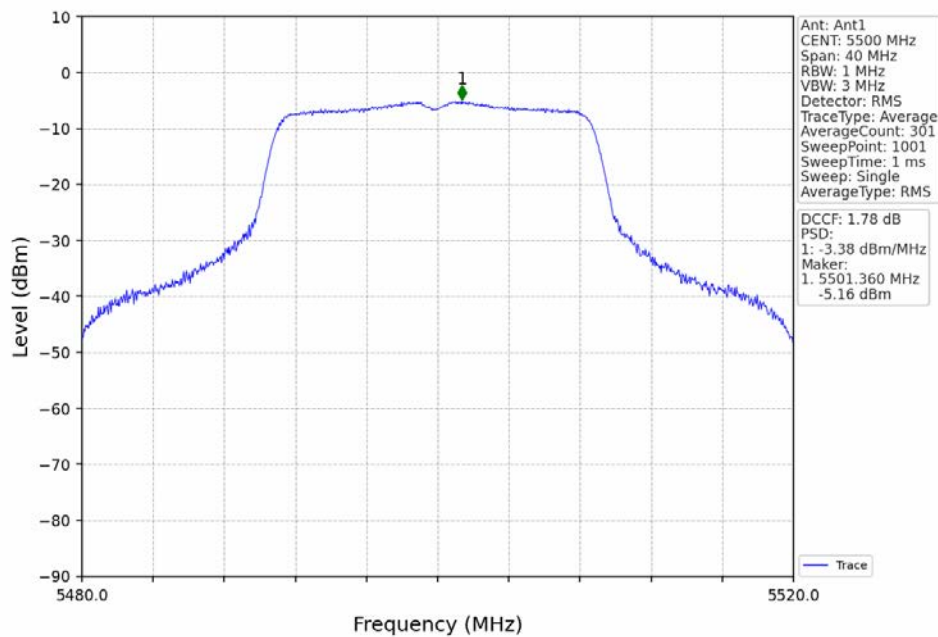
802.11a_HCH_5700MHz_Ant1_NTNV



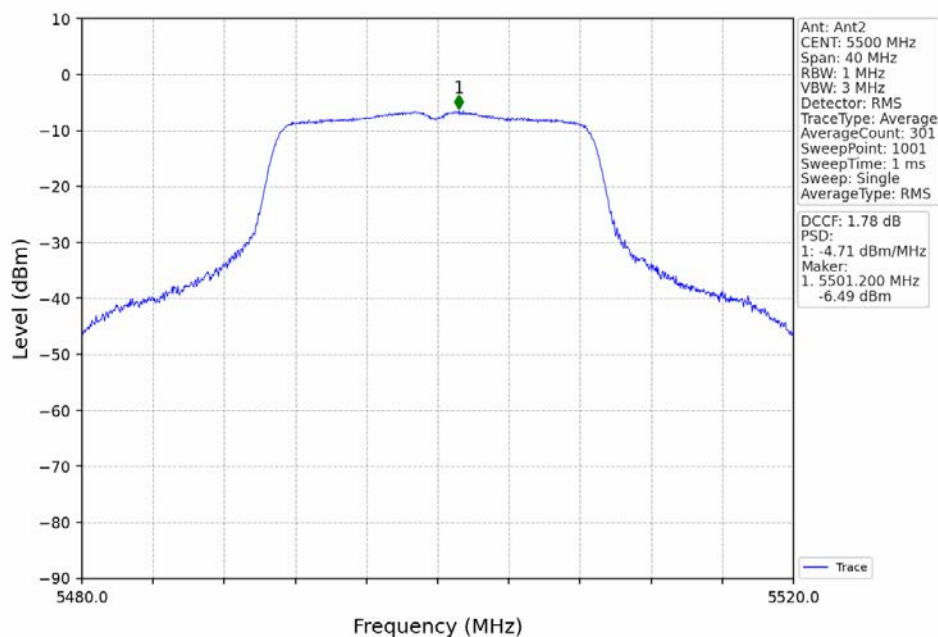
802.11a_HCH_5700MHz_Ant2_NTNV



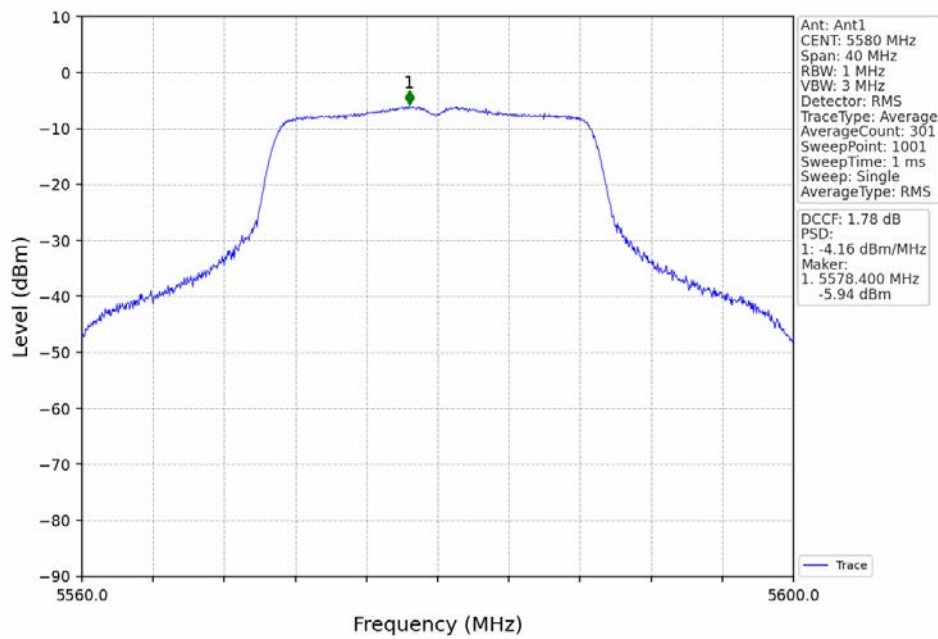
802.11n(HT20) LCH 5500MHz_Ant1_NTNV



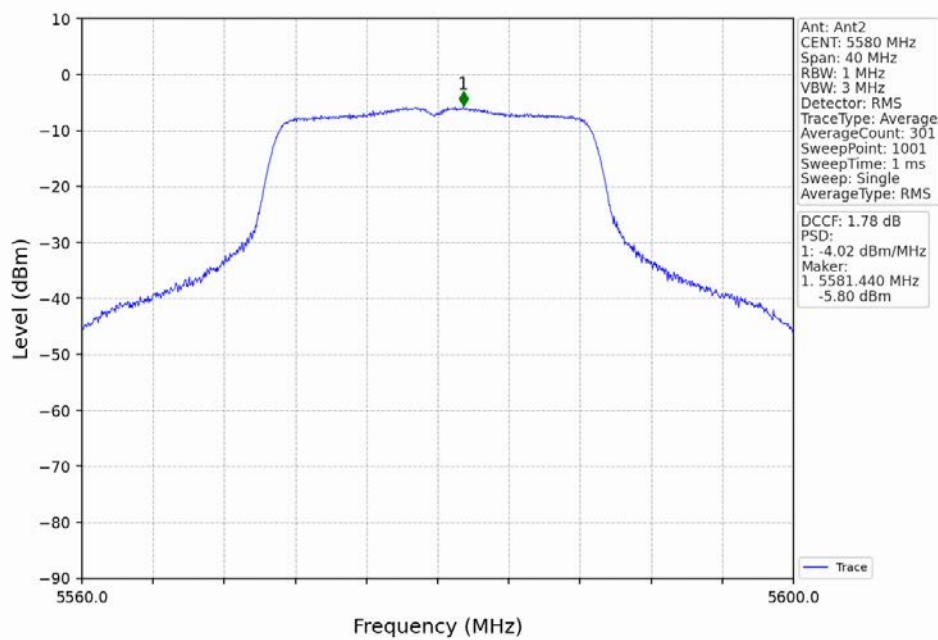
802.11n(HT20) LCH 5500MHz_Ant2_NTNV



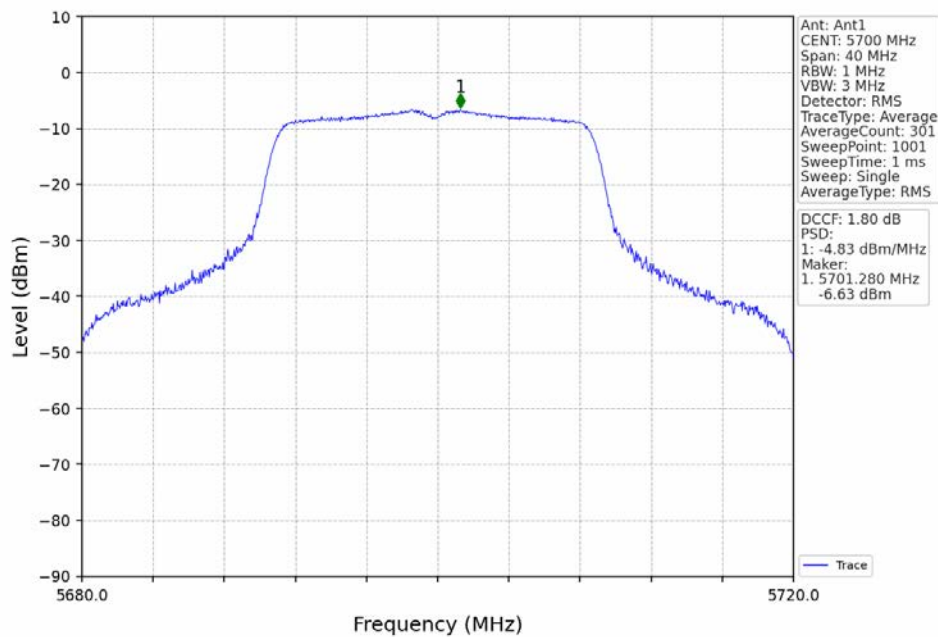
802.11n(HT20) MCH 5580MHz_Ant1_NTNV



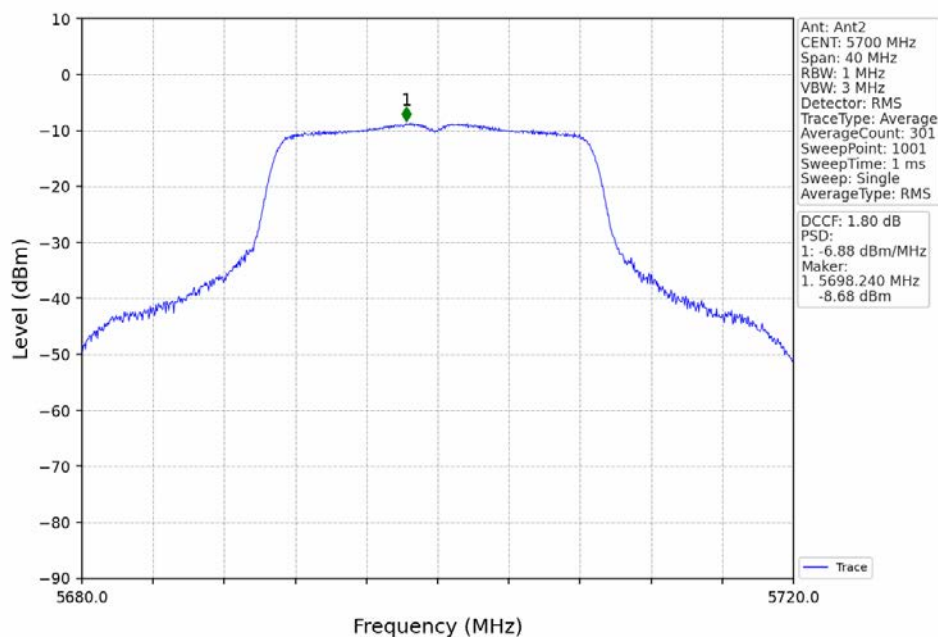
802.11n(HT20) MCH 5580MHz_Ant2_NTNV



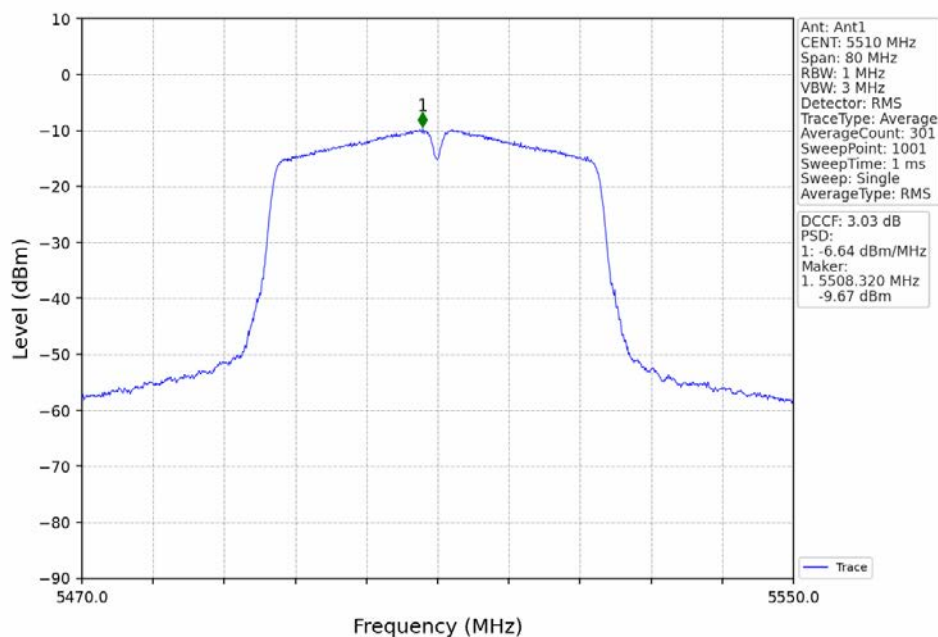
802.11n(HT20) HCH 5700MHz_Ant1_NTNV



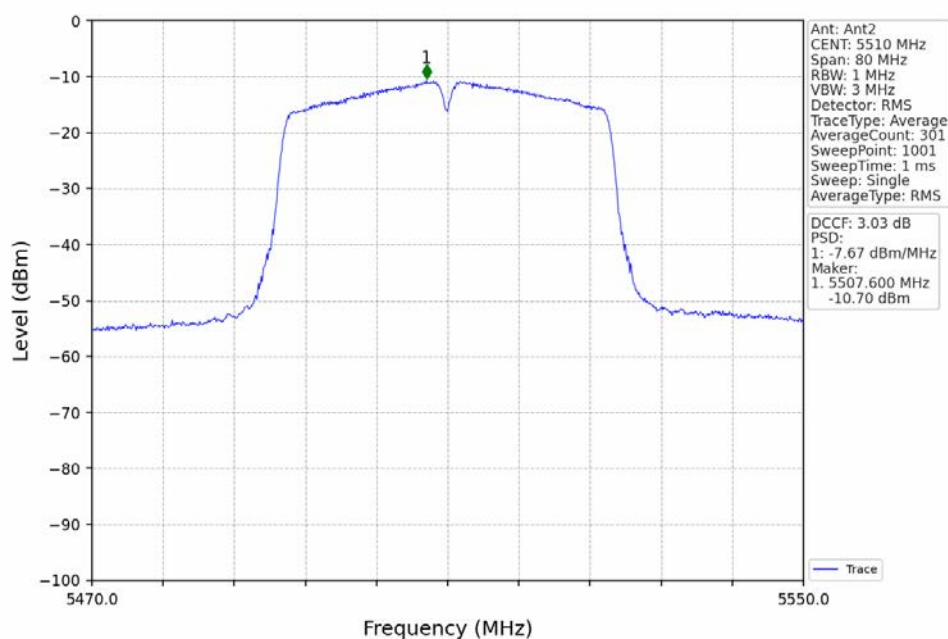
802.11n(HT20) HCH 5700MHz_Ant2_NTNV



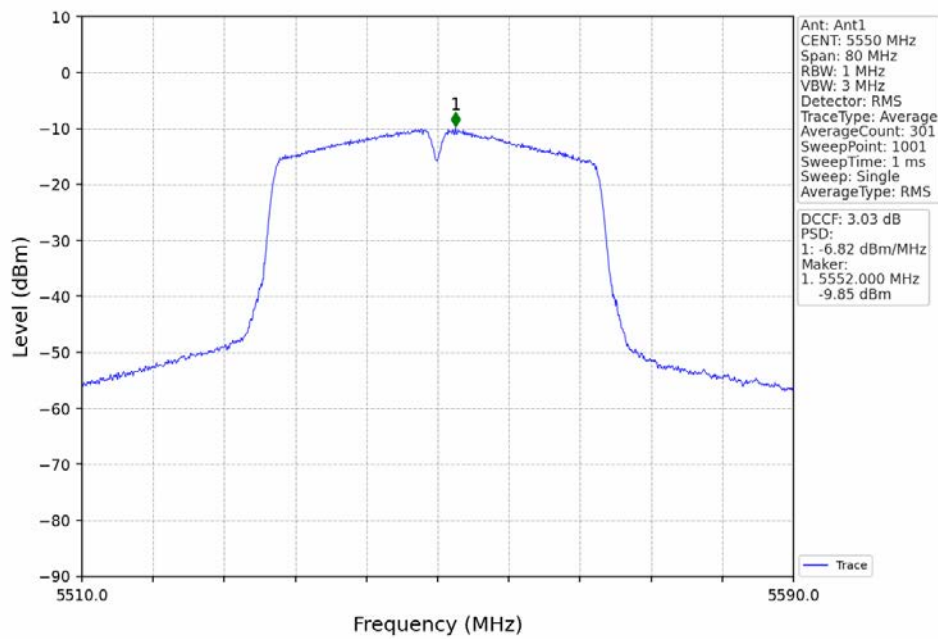
802.11n(HT40) LCH 5510MHz Ant1 NTN



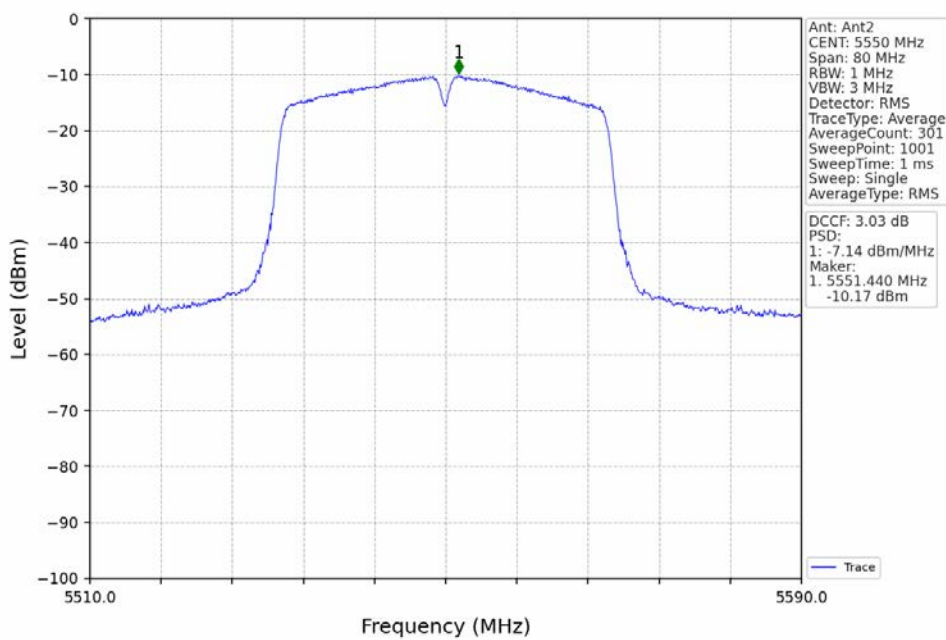
802.11n(HT40) LCH 5510MHz Ant2 NTN



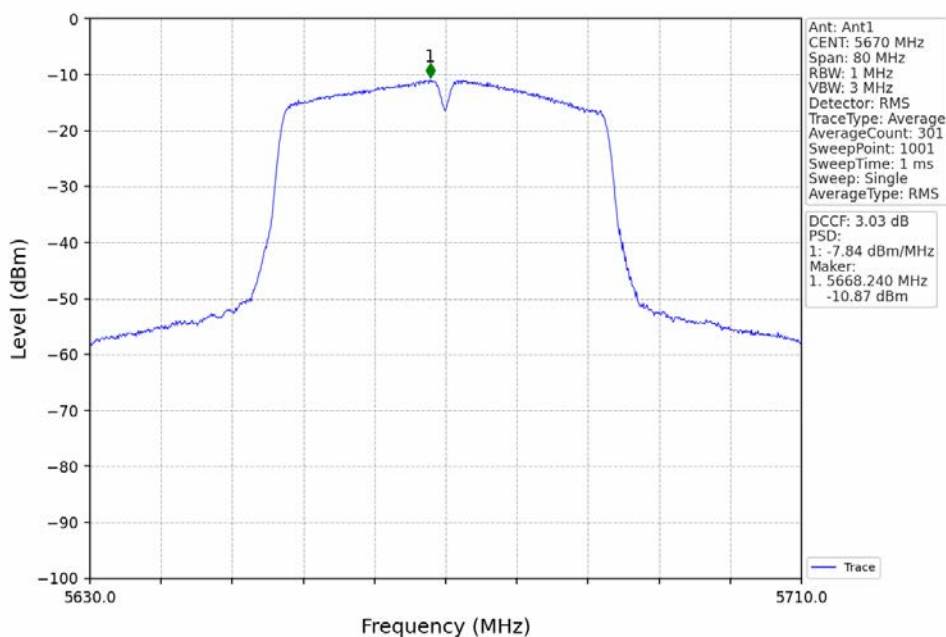
802.11n(HT40) MCH 5550MHz_Ant1_NTNV



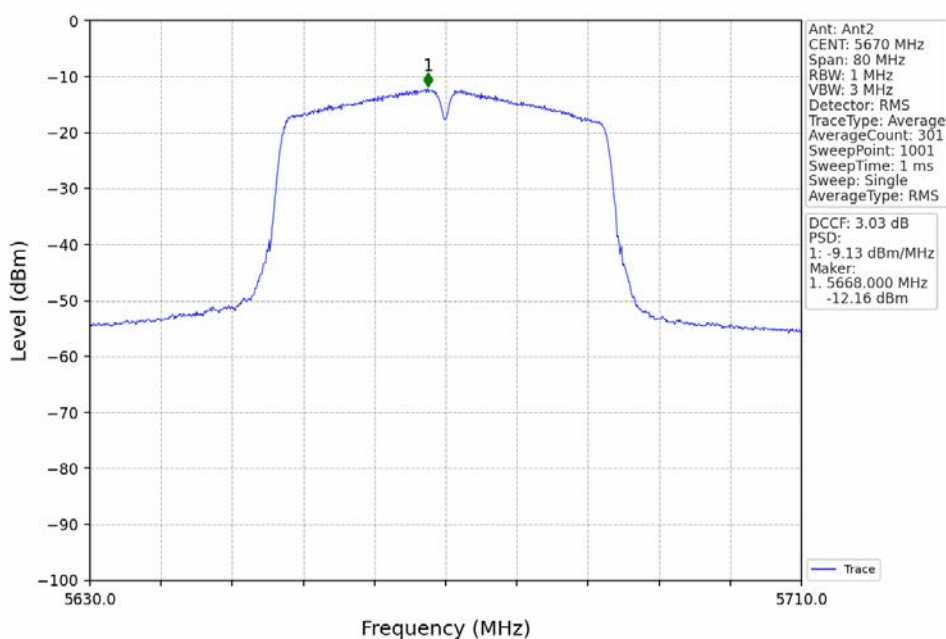
802.11n(HT40) MCH 5550MHz_Ant2_NTNV



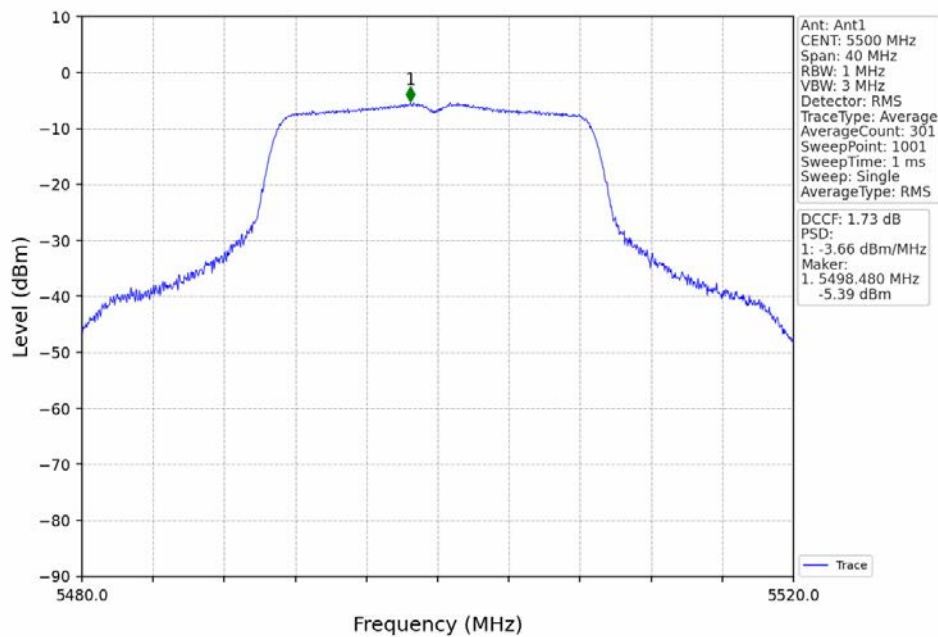
802.11n(HT40) HCH 5670MHz_Ant1_NTNV



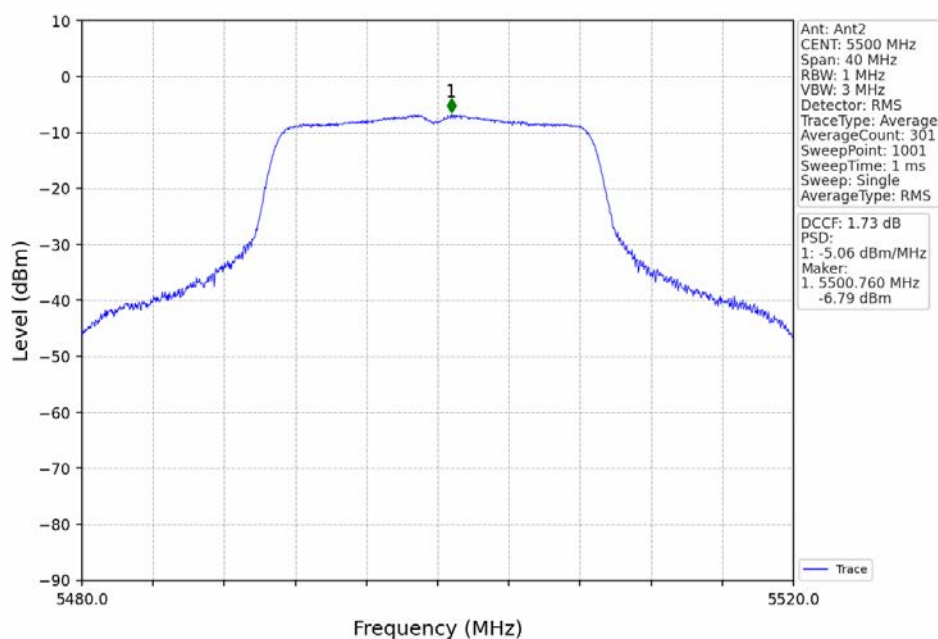
802.11n(HT40) HCH 5670MHz_Ant2_NTNV



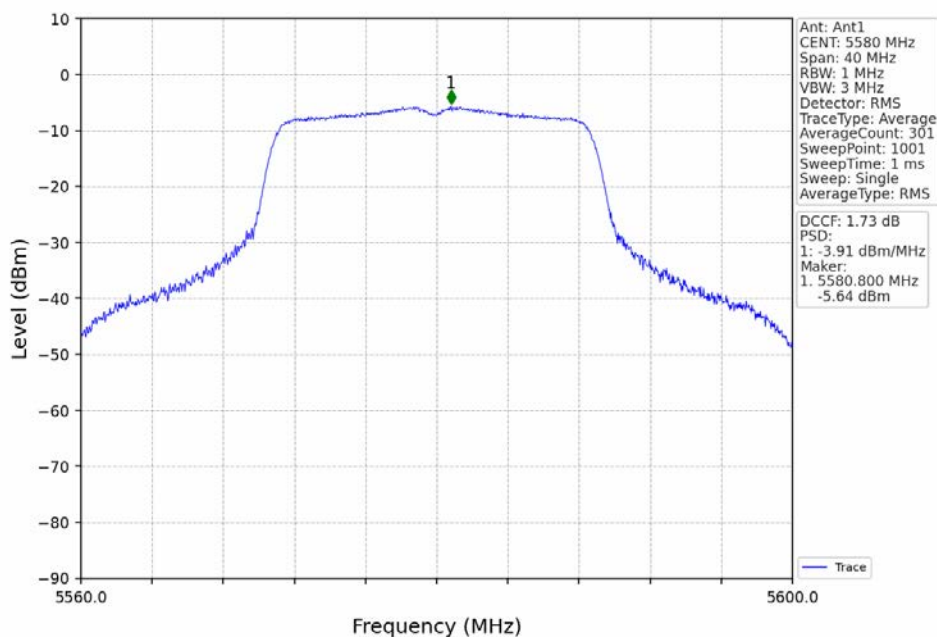
802.11ac(VHT20) LCH_5500MHz_Ant1_NTNV



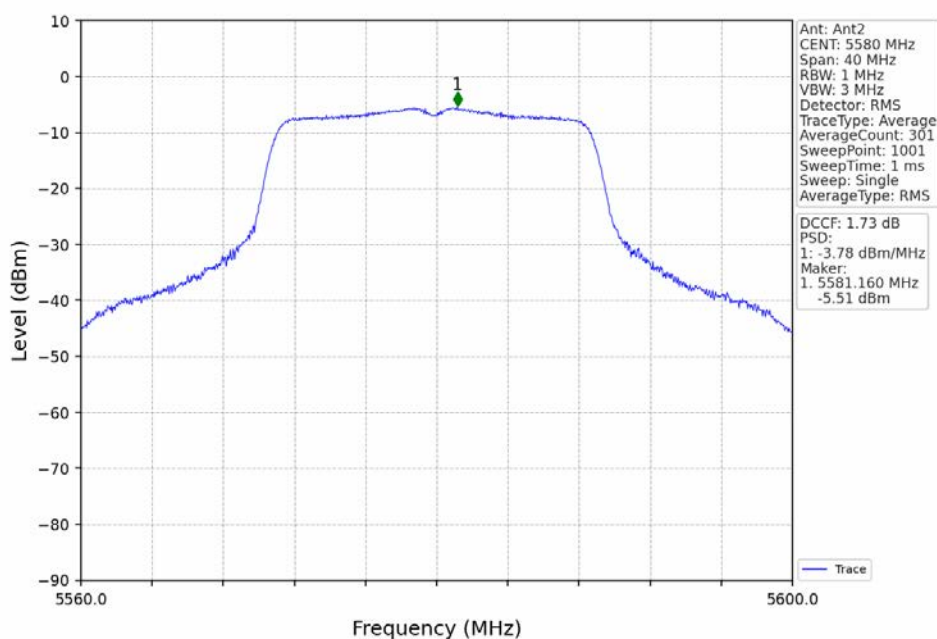
802.11ac(VHT20) LCH_5500MHz_Ant2_NTNV



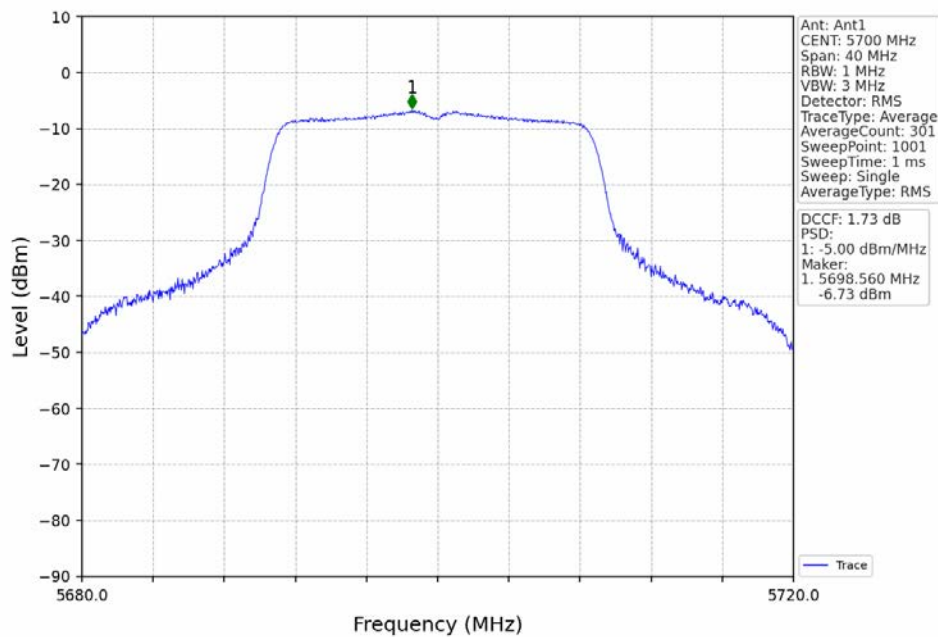
802.11ac(VHT20) MCH 5580MHz_Ant1_NTNV



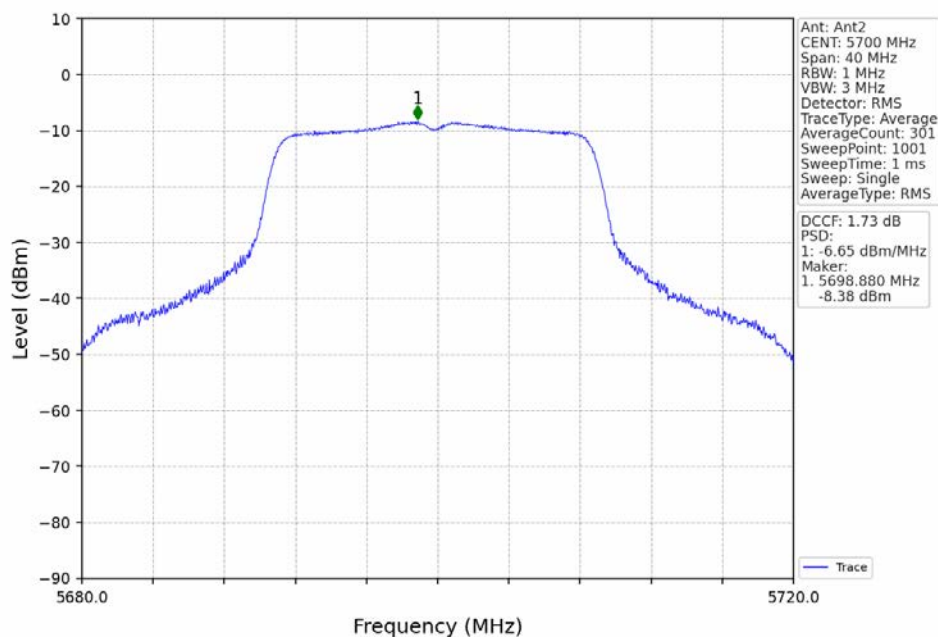
802.11ac(VHT20) MCH 5580MHz_Ant2_NTNV



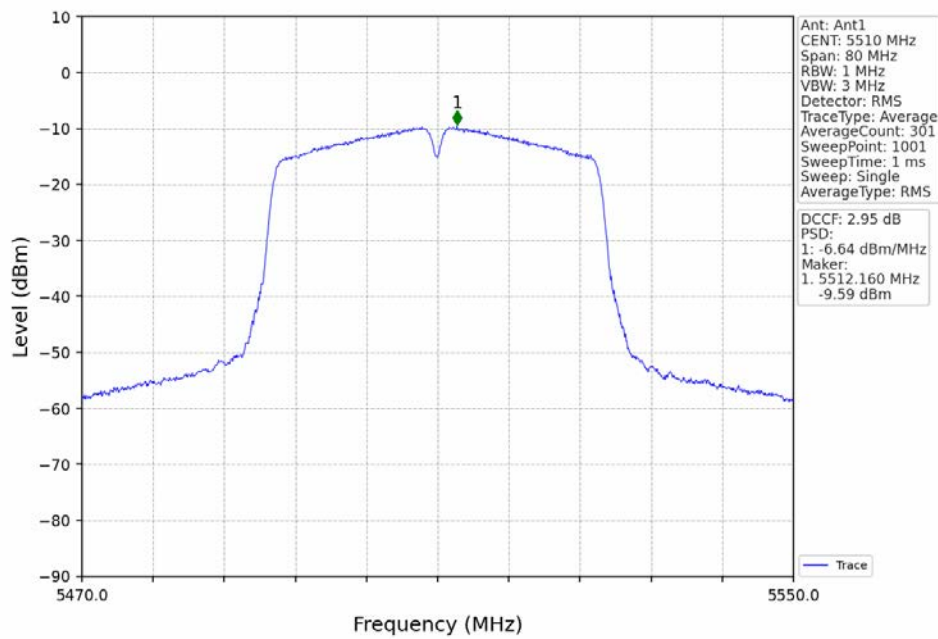
802.11ac(VHT20) HCH 5700MHz Ant1 NTN



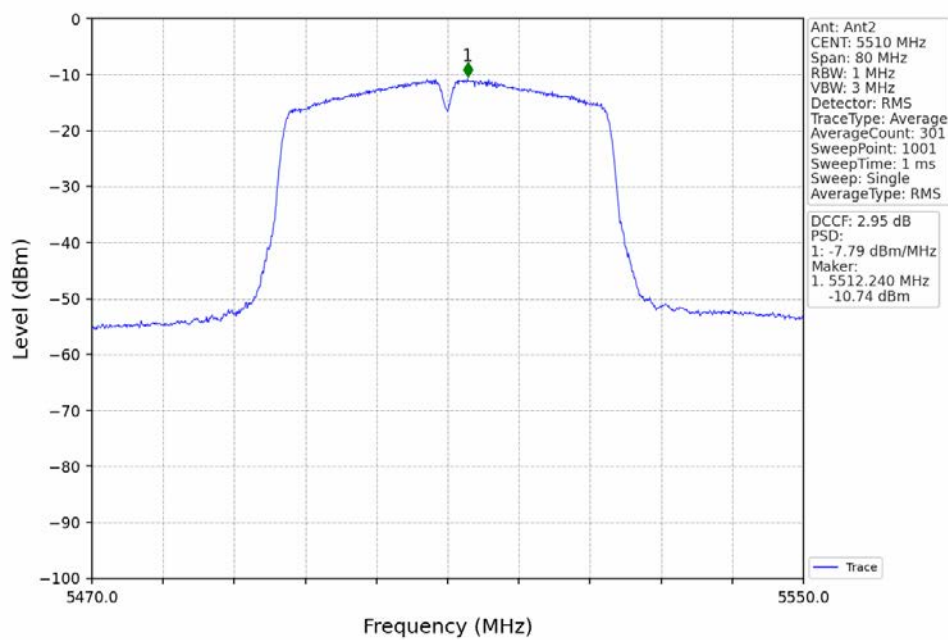
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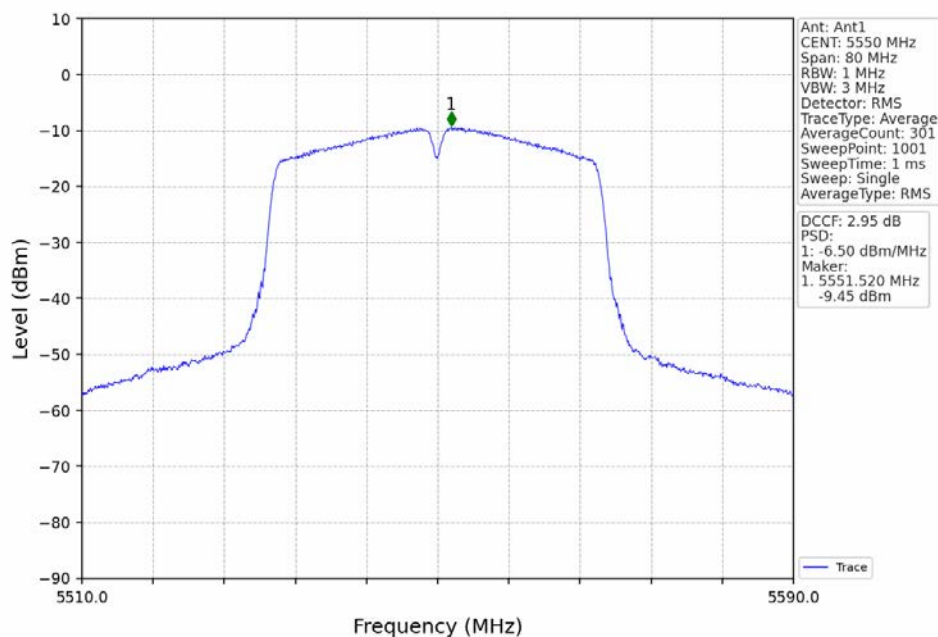
802.11ac(VHT40) LCH_5510MHz_Ant1_NTNV



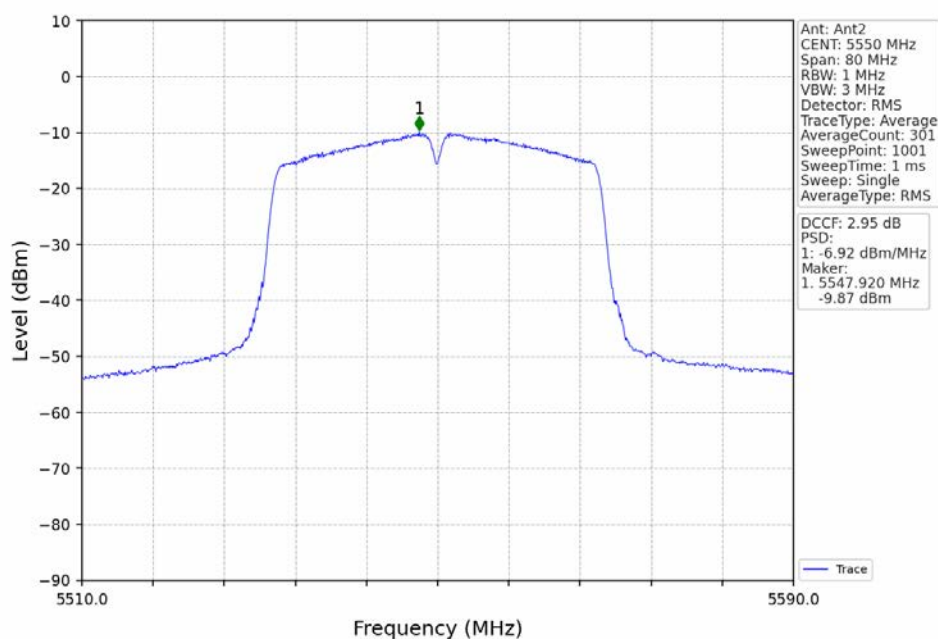
802.11ac(VHT40) LCH_5510MHz_Ant2_NTNV



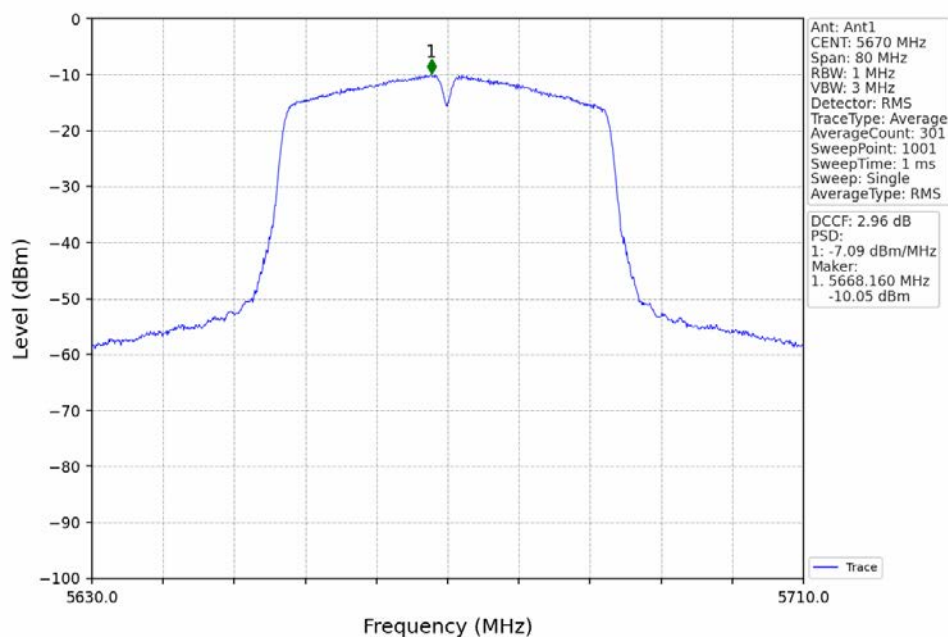
802.11ac(VHT40) MCH 5550MHz_Ant1_NTNV



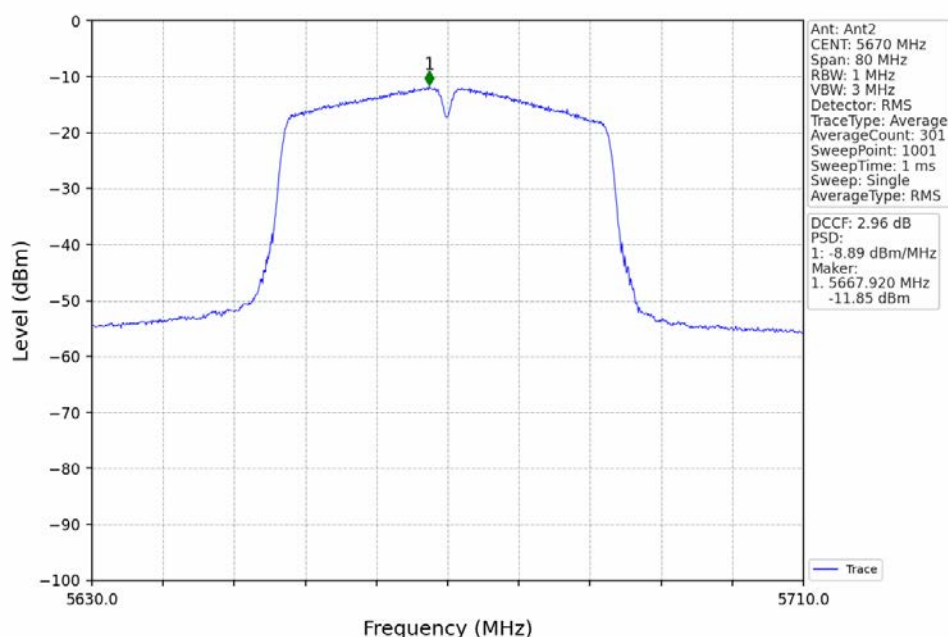
802.11ac(VHT40) MCH 5550MHz_Ant2_NTNV



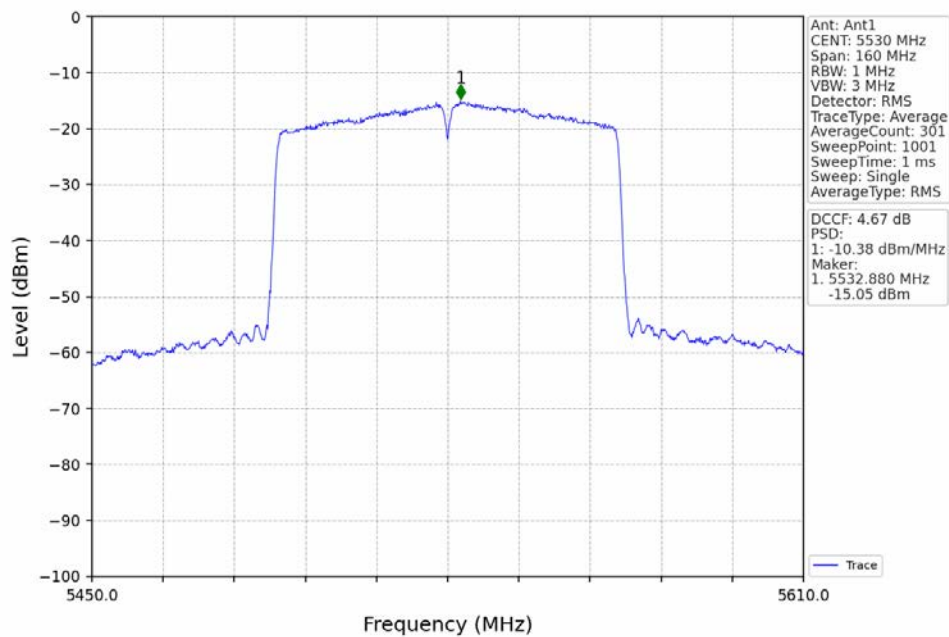
802.11ac(VHT40) HCH 5670MHz Ant1_NTNV



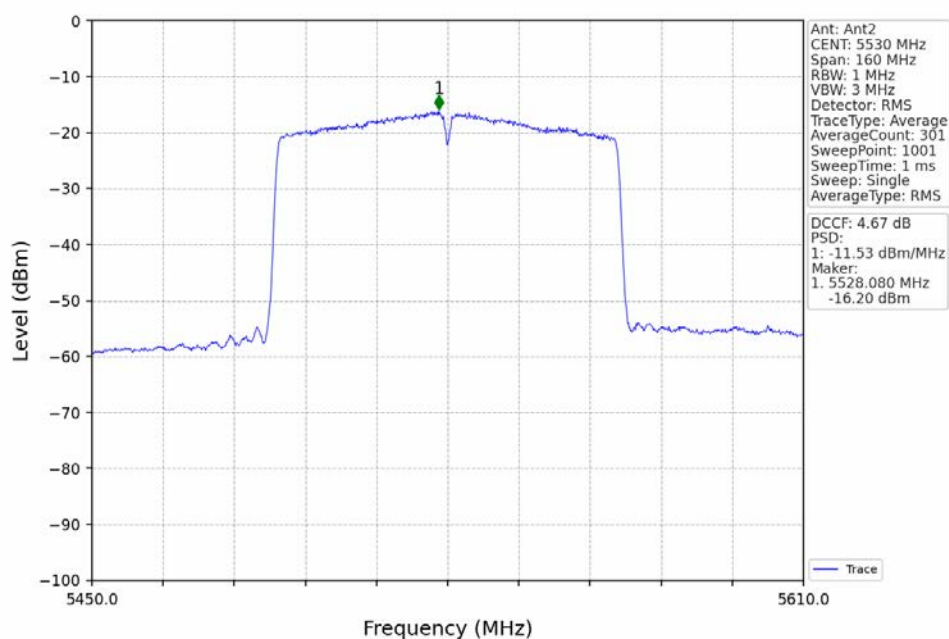
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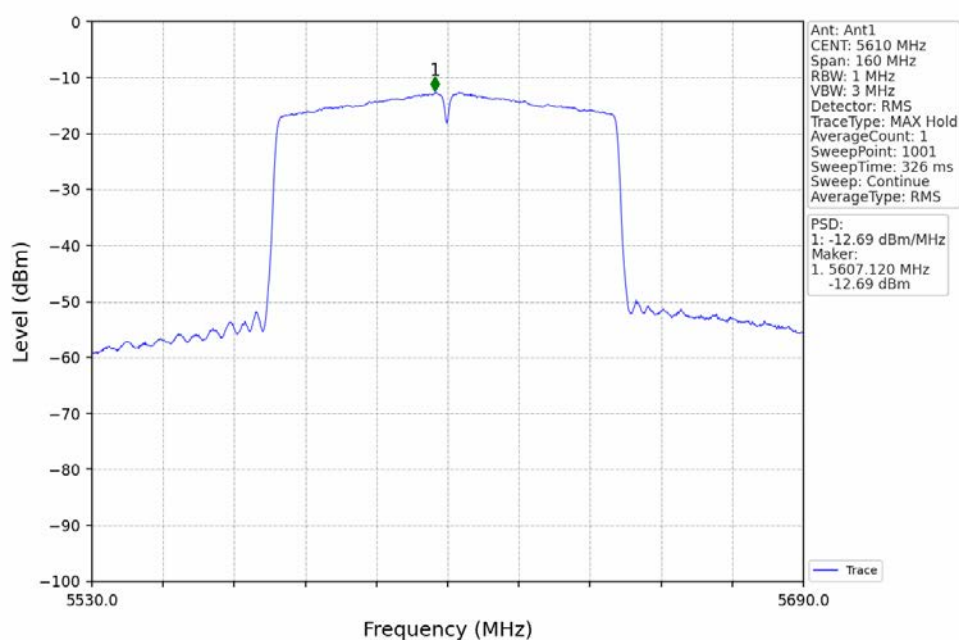
802.11ac(VHT80) LCH_5530MHz_Ant1_NTNV



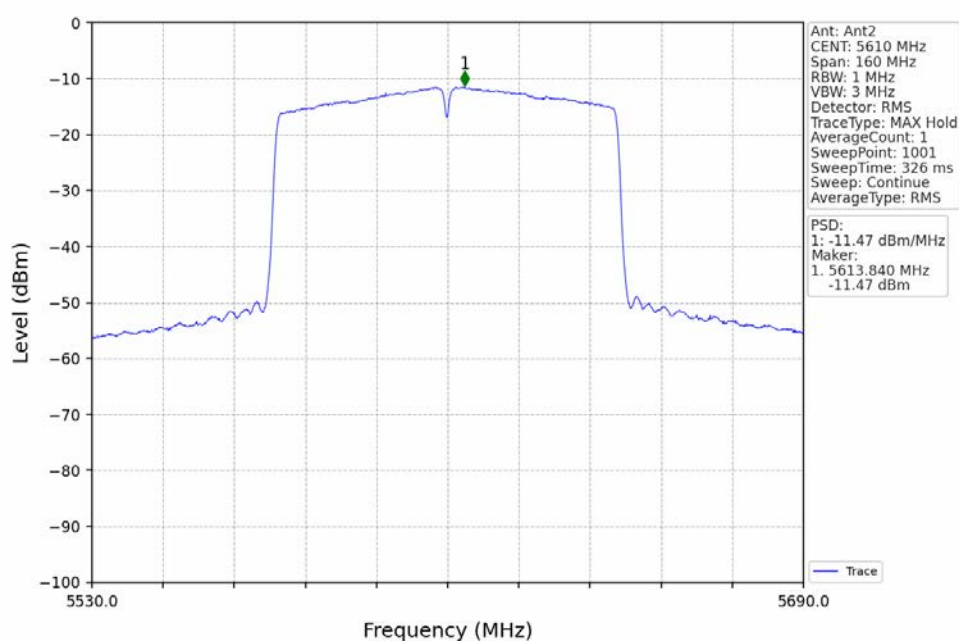
802.11ac(VHT80) LCH_5530MHz_Ant2_NTNV



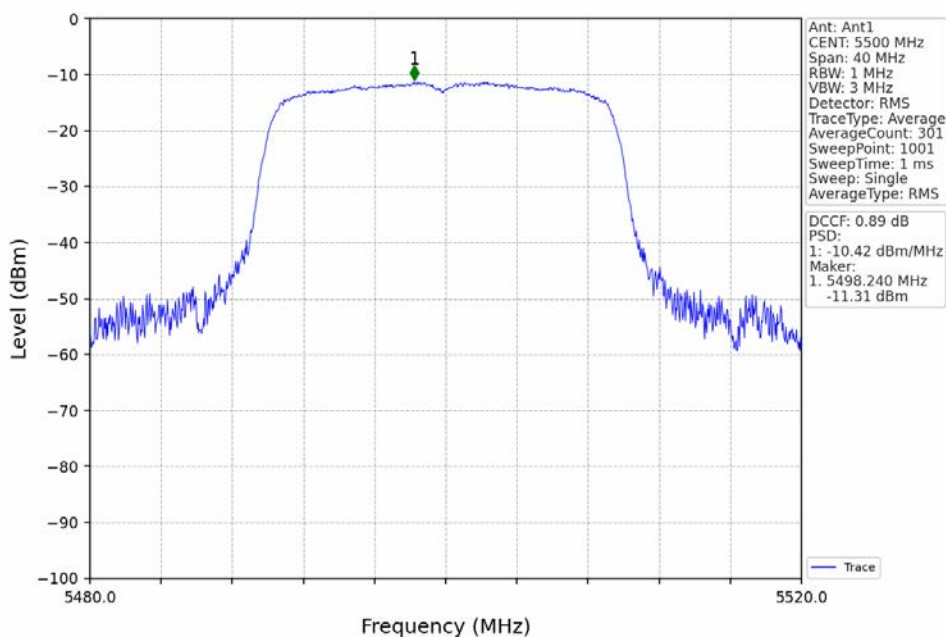
802.11ac(VHT80) HCH 5610MHz Ant1_NTNV



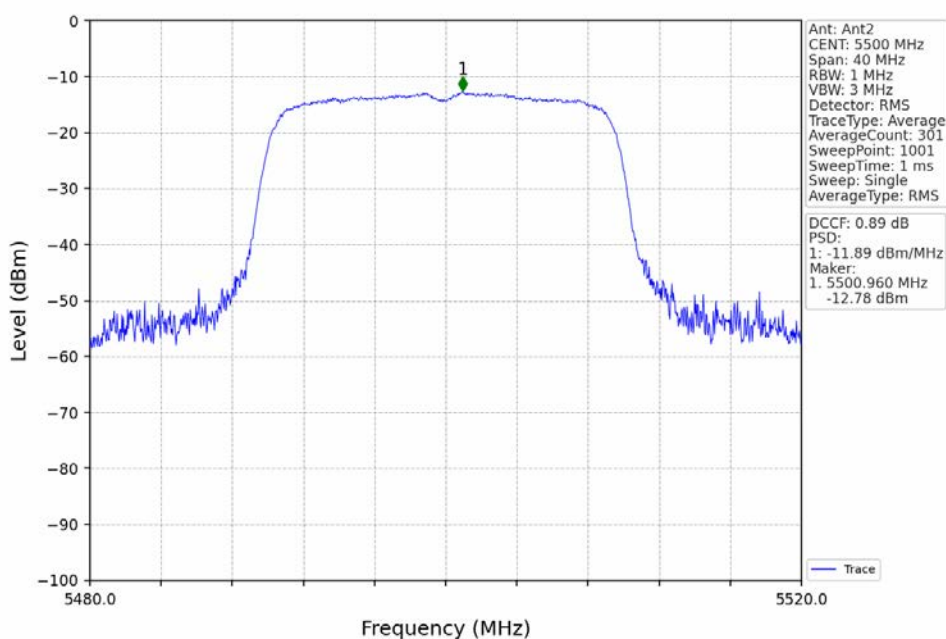
802.11ac(VHT80) HCH 5610MHz Ant2_NTNV



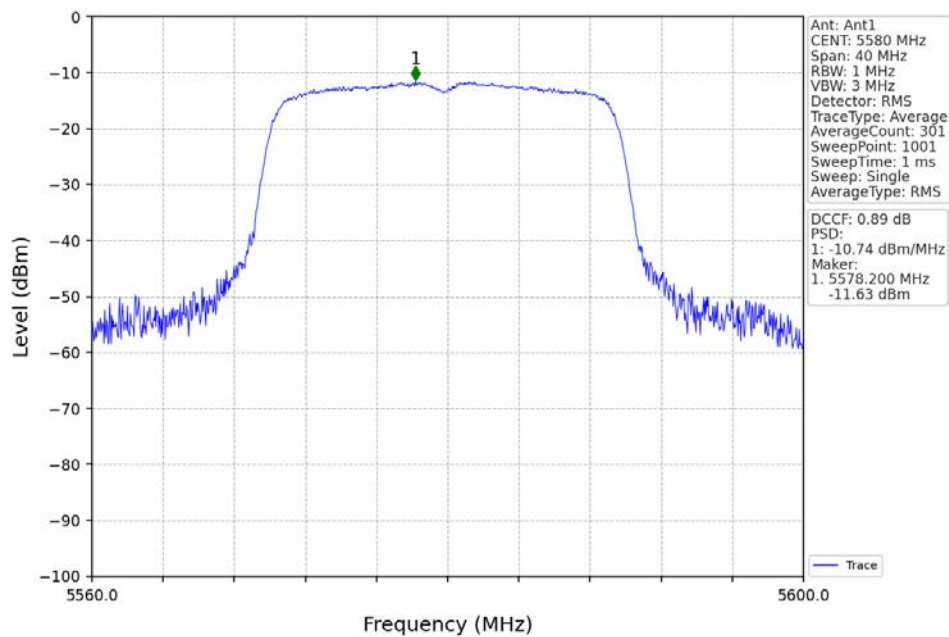
802.11ax(HEW20) LCH_5500MHz RU242_Left Ant1 NTN



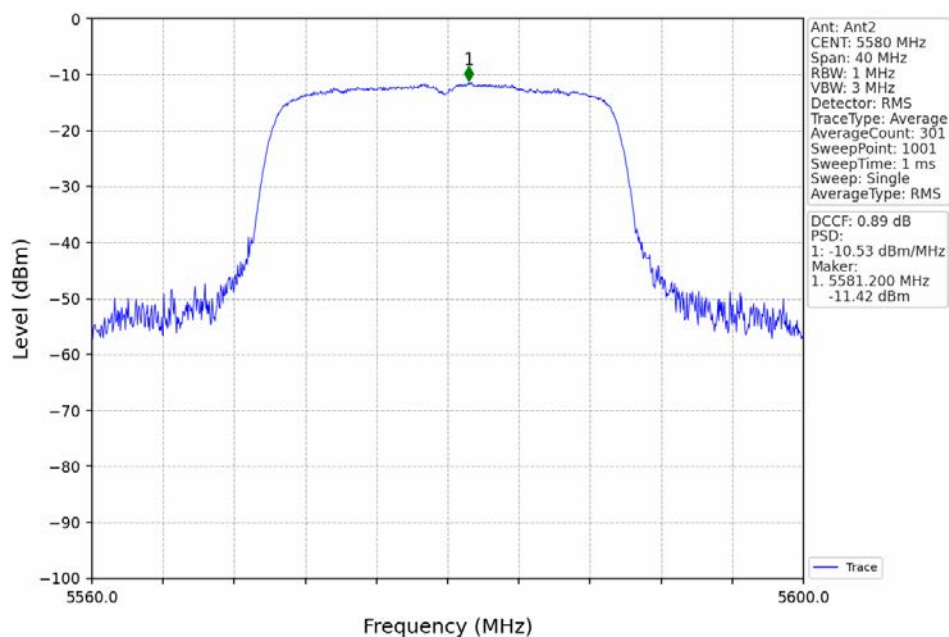
802.11ax(HEW20) LCH_5500MHz RU242_Left Ant2 NTN



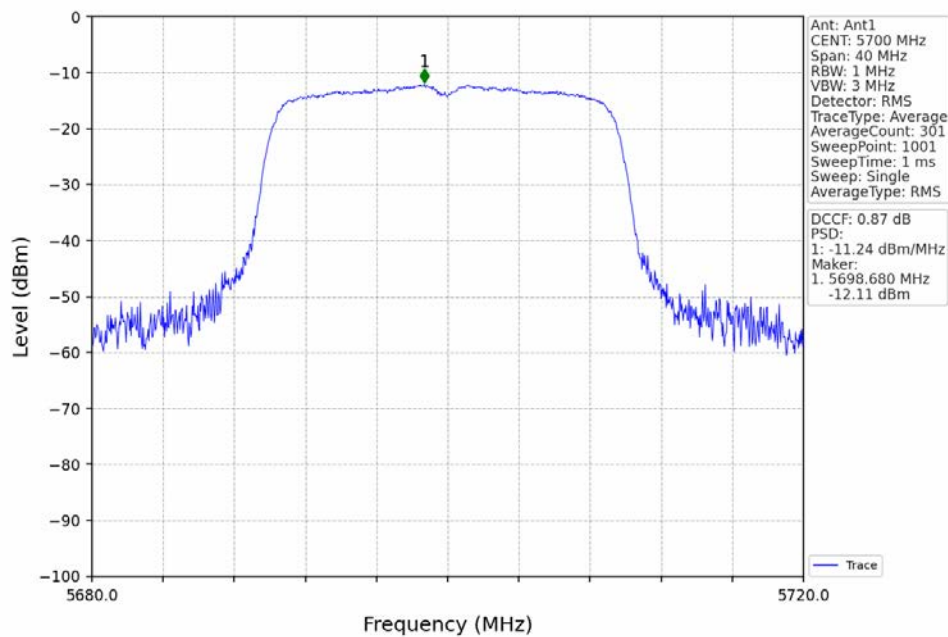
802.11ax(HEW20)_MCH_5580MHz_RU242_Left_Ant1_NTNV



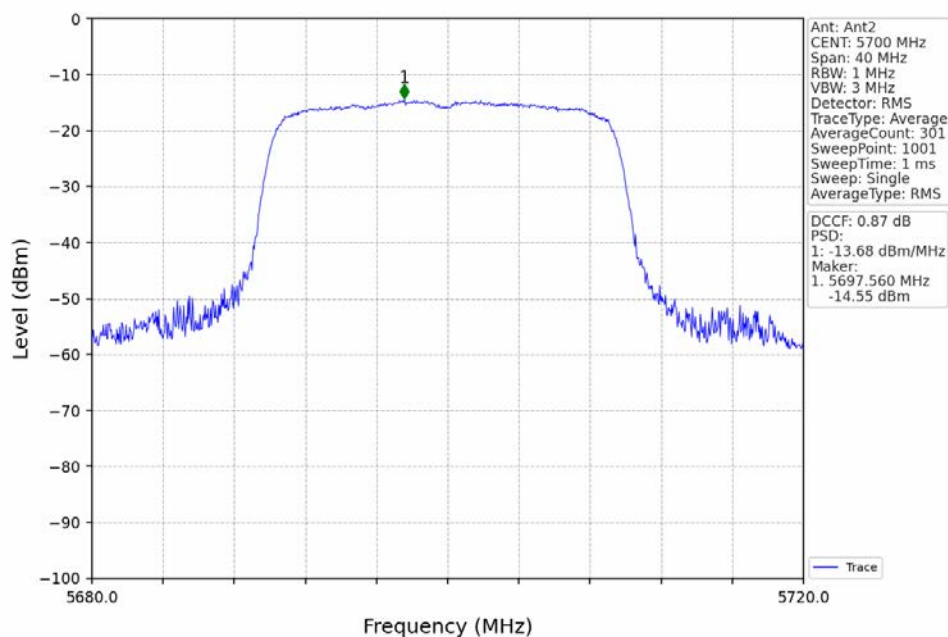
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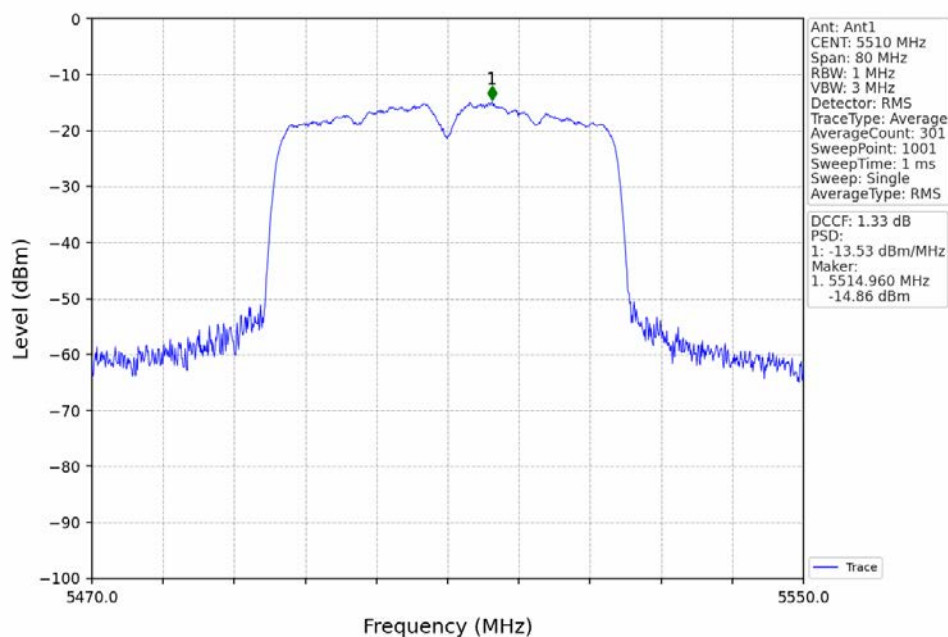
802.11ax(HEW20)_HCH_5700MHz_RU242_Left_Ant1_NTNV



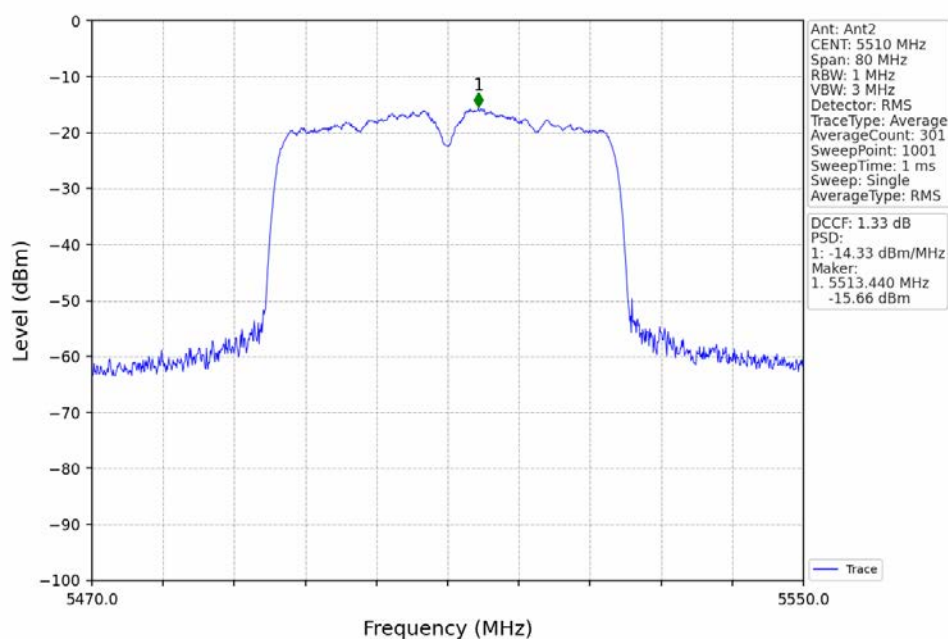
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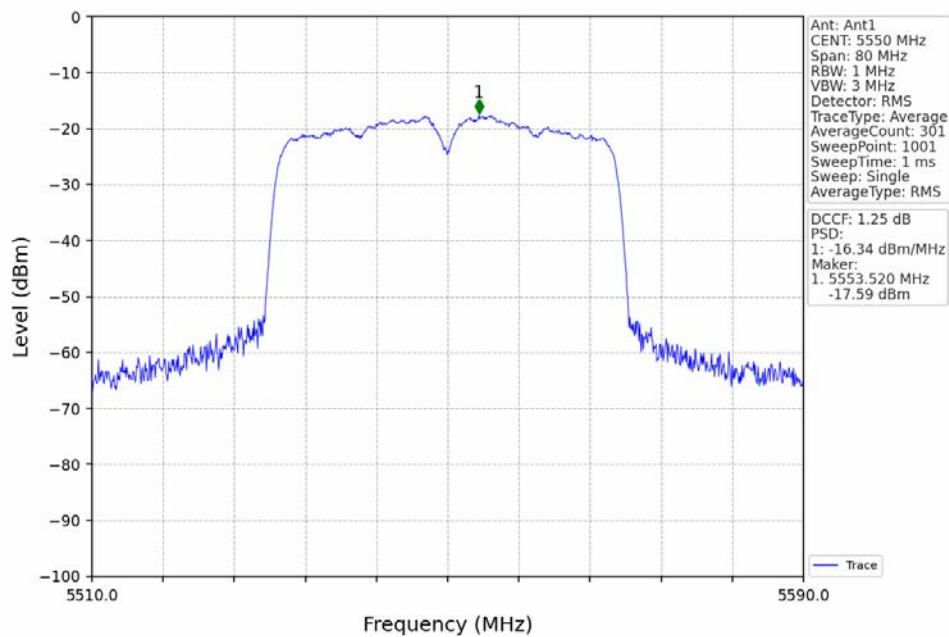
802.11ax(HEW40) LCH_5510MHz RU484 Left Ant1 NTN



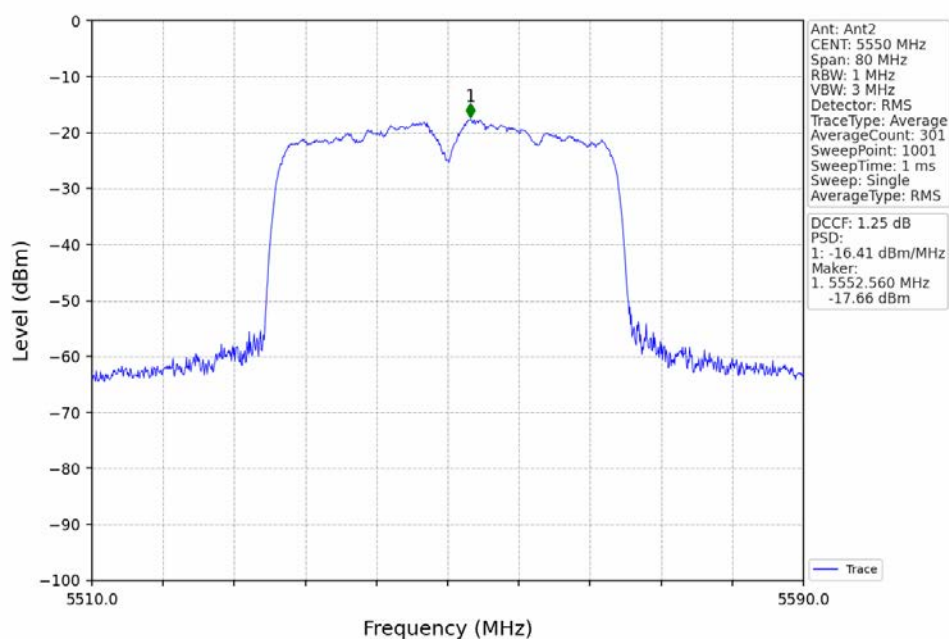
802.11ax(HEW40) LCH_5510MHz RU484 Left Ant2 NTN



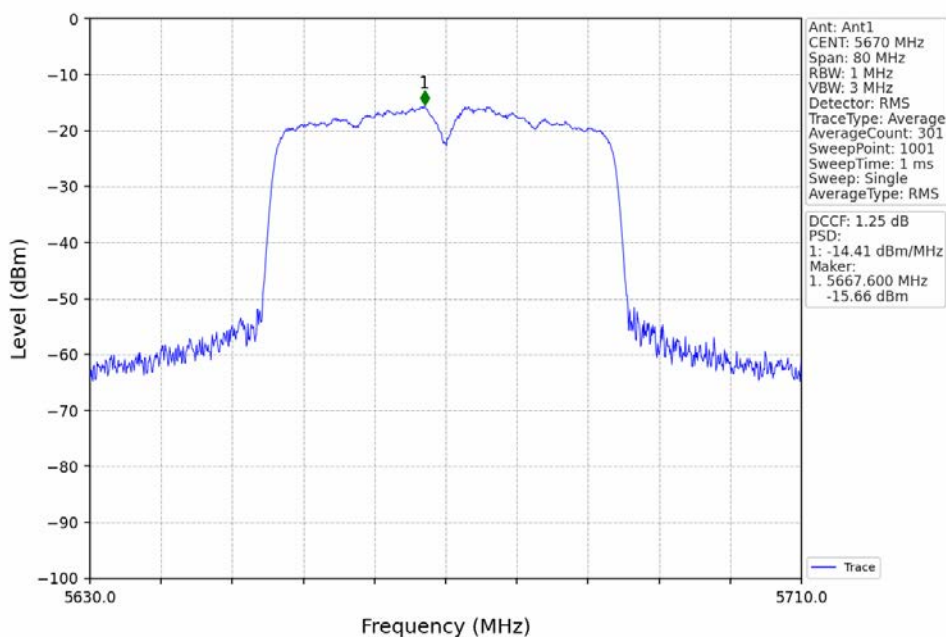
802.11ax(HEW40)_MCH_5550MHz_RU484_Left_Ant1_NTNV



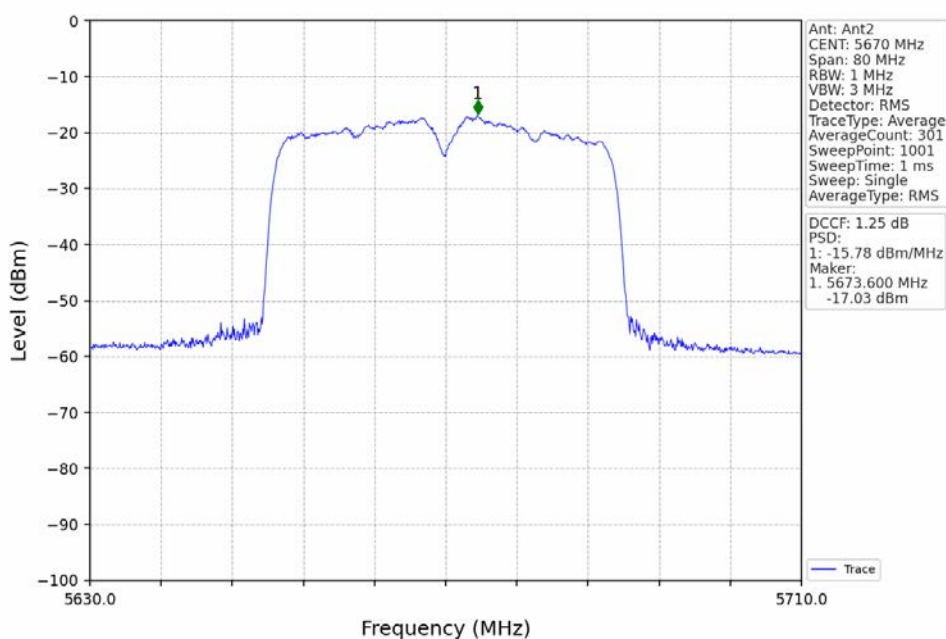
802.11ax(HEW40)_MCH_5550MHz_RU484_Left_Ant2_NTNV



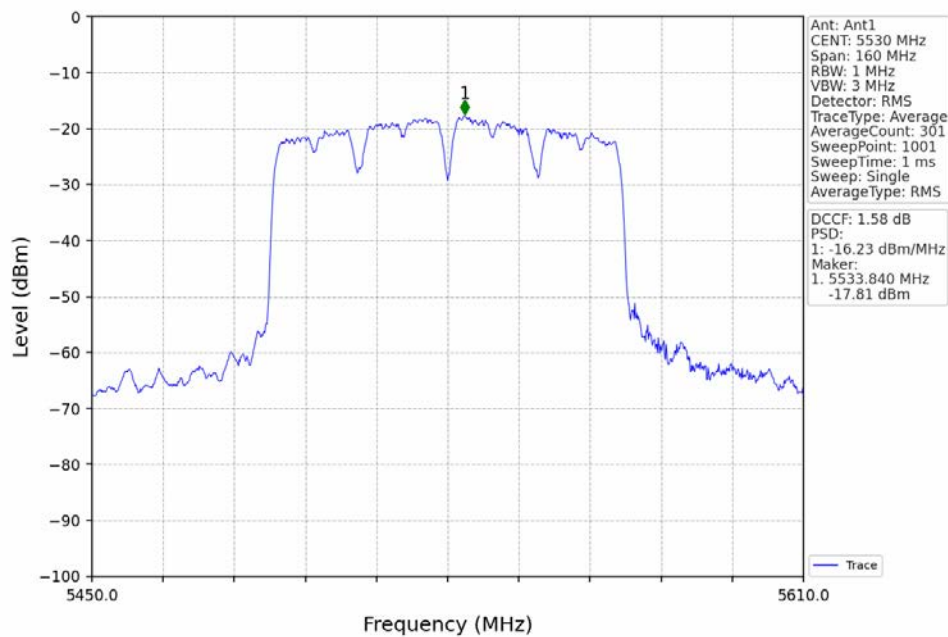
802.11ax(HEW40)_HCH_5670MHz_RU484_Left_Ant1_NTNV



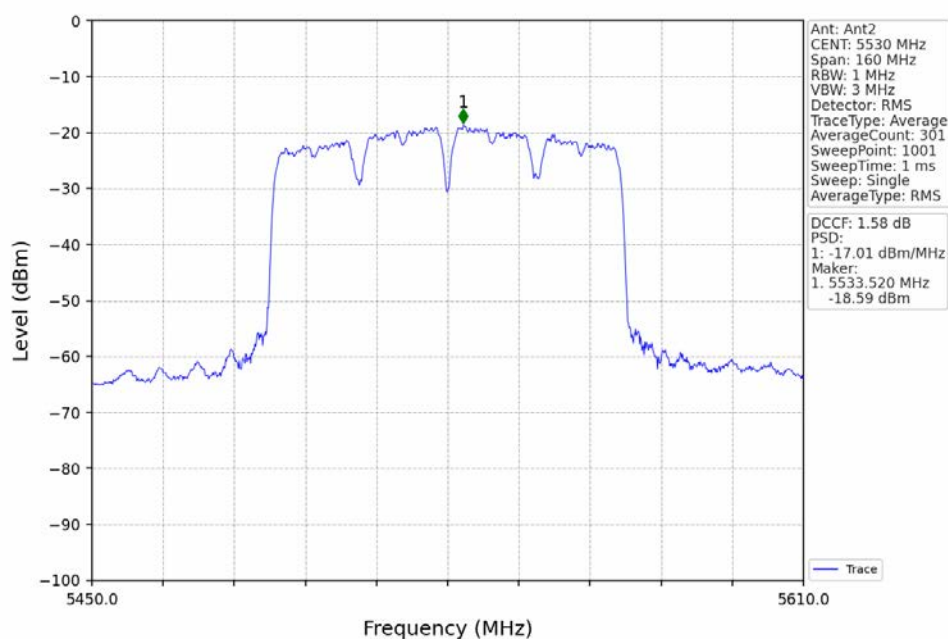
802.11ax(HEW40)_HCH_5670MHz_RU484_Left_Ant2_NTNV



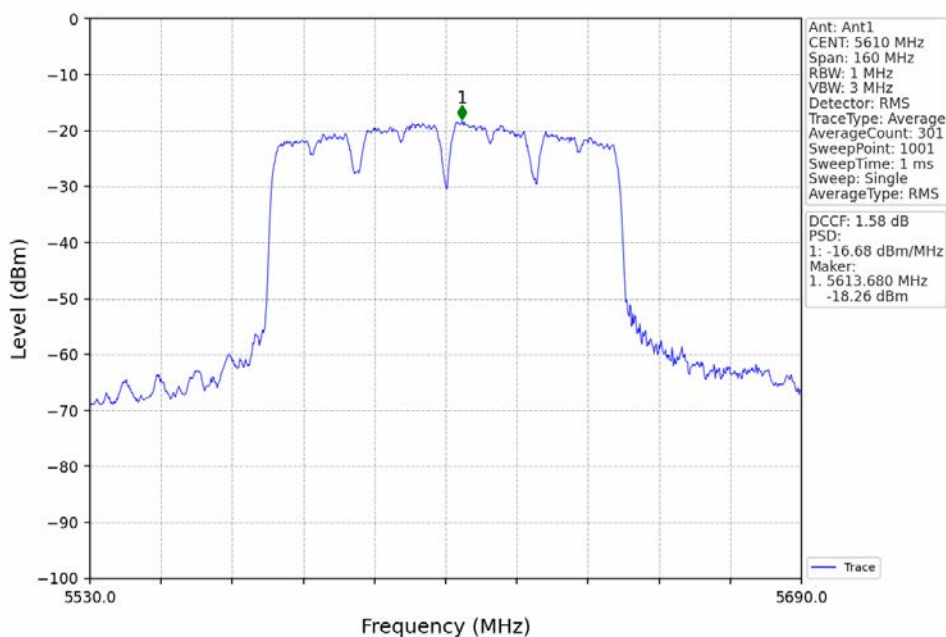
802.11ax(HEW80) LCH_5530MHz RU996 Left Ant1 NTN



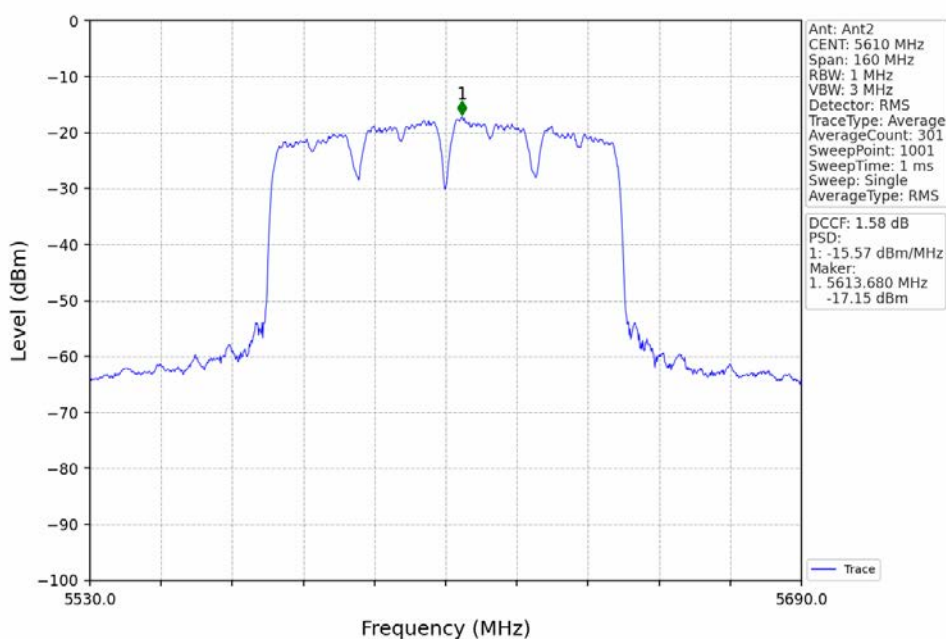
802.11ax(HEW80) LCH_5530MHz RU996 Left Ant2 NTN



802.11ax(HEW80)_HCH_5610MHz_RU996_Left_Ant1_NTNV



802.11ax(HEW80)_HCH_5610MHz_RU996_Left_Ant2_NTNV



5. Frequency Stability

5.1 Ant1

5.1.1 Test Result

Ant1							
Mode	TX Type	Frequency (MHz)	Temperature (°C)	Voltage (VAC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
Carrier Wave	SISO	5500	20	102	5499.786	5470 to 5725	Pass
				120	5499.782	5470 to 5725	Pass
				138	5499.781	5470 to 5725	Pass
			-30	120	5499.781	5470 to 5725	Pass
			-20	120	5499.780	5470 to 5725	Pass
			-10	120	5499.780	5470 to 5725	Pass
			0	120	5499.780	5470 to 5725	Pass
			10	120	5499.780	5470 to 5725	Pass
			30	120	5499.780	5470 to 5725	Pass
			40	120	5499.780	5470 to 5725	Pass
			50	120	5499.780	5470 to 5725	Pass
		5580	20	102	5579.782	5470 to 5725	Pass
				120	5579.778	5470 to 5725	Pass
				138	5579.777	5470 to 5725	Pass
			-30	120	5579.777	5470 to 5725	Pass
			-20	120	5579.777	5470 to 5725	Pass
			-10	120	5579.777	5470 to 5725	Pass
			0	120	5579.777	5470 to 5725	Pass
			10	120	5579.777	5470 to 5725	Pass
			30	120	5579.777	5470 to 5725	Pass
			40	120	5579.776	5470 to 5725	Pass
			50	120	5579.777	5470 to 5725	Pass
		5700	20	102	5699.777	5470 to 5725	Pass
				120	5699.773	5470 to 5725	Pass
				138	5699.773	5470 to 5725	Pass
			-30	120	5699.772	5470 to 5725	Pass
			-20	120	5699.772	5470 to 5725	Pass
			-10	120	5699.772	5470 to 5725	Pass
			0	120	5699.772	5470 to 5725	Pass
			10	120	5699.772	5470 to 5725	Pass
			30	120	5699.772	5470 to 5725	Pass
			40	120	5699.772	5470 to 5725	Pass
			50	120	5699.772	5470 to 5725	Pass
		5510	20	102	5509.785	5470 to 5725	Pass
				120	5509.781	5470 to 5725	Pass
				138	5509.780	5470 to 5725	Pass
			-30	120	5509.780	5470 to 5725	Pass
			-20	120	5509.780	5470 to 5725	Pass
			-10	120	5509.780	5470 to 5725	Pass
			0	120	5509.780	5470 to 5725	Pass
			10	120	5509.780	5470 to 5725	Pass
			30	120	5509.780	5470 to 5725	Pass
			40	120	5509.780	5470 to 5725	Pass
			50	120	5509.780	5470 to 5725	Pass
		5550	20	102	5549.778	5470 to 5725	Pass
				120	5549.778	5470 to 5725	Pass
				138	5549.778	5470 to 5725	Pass
			-30	120	5549.778	5470 to 5725	Pass
			-20	120	5549.778	5470 to 5725	Pass
			-10	120	5549.778	5470 to 5725	Pass
			0	120	5549.778	5470 to 5725	Pass

			10	120	5549.778	5470 to 5725	Pass
			30	120	5549.778	5470 to 5725	Pass
			40	120	5549.778	5470 to 5725	Pass
			50	120	5549.778	5470 to 5725	Pass
5670		20		102	5669.776	5470 to 5725	Pass
				120	5669.774	5470 to 5725	Pass
				138	5669.773	5470 to 5725	Pass
		-30		120	5669.774	5470 to 5725	Pass
				120	5669.773	5470 to 5725	Pass
				120	5669.774	5470 to 5725	Pass
		0		120	5669.773	5470 to 5725	Pass
				120	5669.773	5470 to 5725	Pass
				120	5669.773	5470 to 5725	Pass
		30		120	5669.773	5470 to 5725	Pass
				120	5669.773	5470 to 5725	Pass
				120	5669.773	5470 to 5725	Pass
5530		20		102	5529.779	5470 to 5725	Pass
				120	5529.779	5470 to 5725	Pass
				138	5529.778	5470 to 5725	Pass
		-30		120	5529.778	5470 to 5725	Pass
				120	5529.778	5470 to 5725	Pass
				120	5529.778	5470 to 5725	Pass
		-10		120	5529.778	5470 to 5725	Pass
				120	5529.778	5470 to 5725	Pass
				120	5529.778	5470 to 5725	Pass
		0		120	5529.778	5470 to 5725	Pass
				120	5529.778	5470 to 5725	Pass
				120	5529.778	5470 to 5725	Pass
5610		30		120	5529.778	5470 to 5725	Pass
				120	5529.778	5470 to 5725	Pass
				120	5529.778	5470 to 5725	Pass
		40		120	5529.778	5470 to 5725	Pass
				120	5529.778	5470 to 5725	Pass
				120	5529.778	5470 to 5725	Pass
		50		120	5529.778	5470 to 5725	Pass
				120	5529.778	5470 to 5725	Pass
				120	5529.778	5470 to 5725	Pass
		20		102	5609.776	5470 to 5725	Pass
				120	5609.776	5470 to 5725	Pass
				138	5609.775	5470 to 5725	Pass
5610		-30		120	5609.775	5470 to 5725	Pass
				120	5609.775	5470 to 5725	Pass
				120	5609.775	5470 to 5725	Pass
		-20		120	5609.775	5470 to 5725	Pass
				120	5609.775	5470 to 5725	Pass
				120	5609.775	5470 to 5725	Pass
		-10		120	5609.775	5470 to 5725	Pass
				120	5609.775	5470 to 5725	Pass
				120	5609.775	5470 to 5725	Pass
		0		120	5609.775	5470 to 5725	Pass
				120	5609.775	5470 to 5725	Pass
				120	5609.775	5470 to 5725	Pass
			10	120	5609.775	5470 to 5725	Pass
			30	120	5609.775	5470 to 5725	Pass
			40	120	5609.775	5470 to 5725	Pass
			50	120	5609.775	5470 to 5725	Pass

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