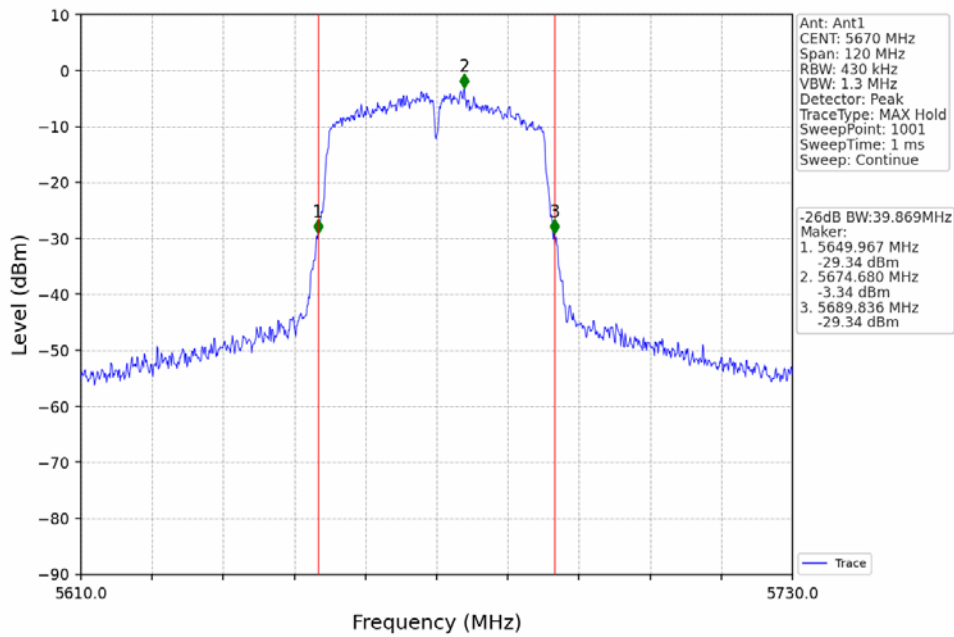
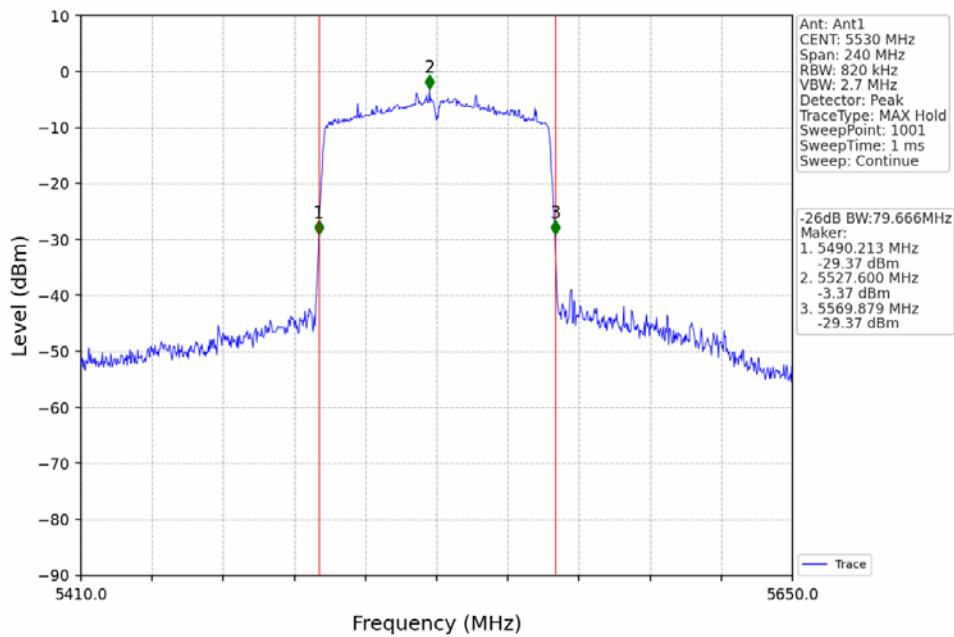


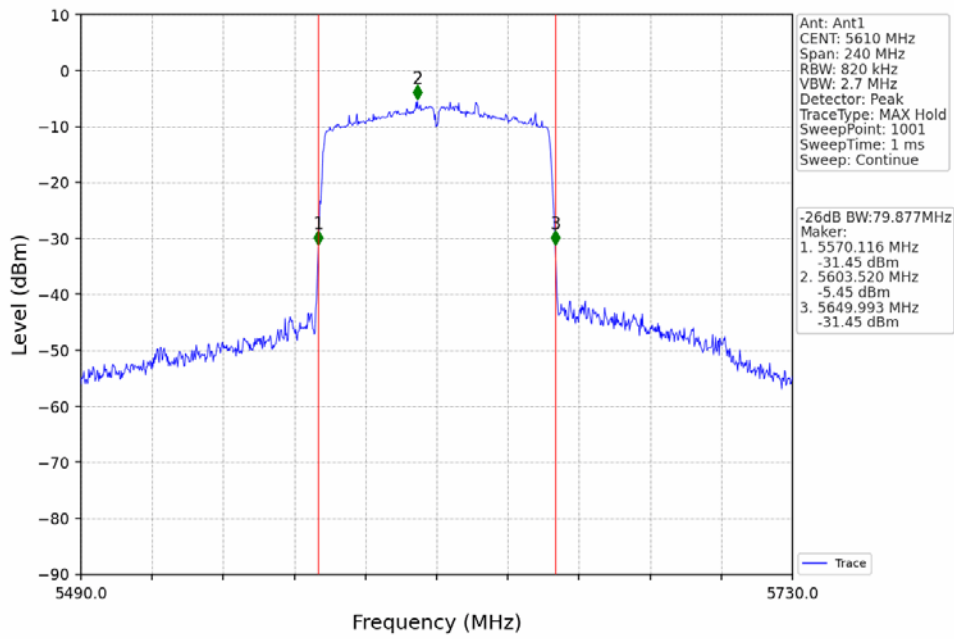
802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



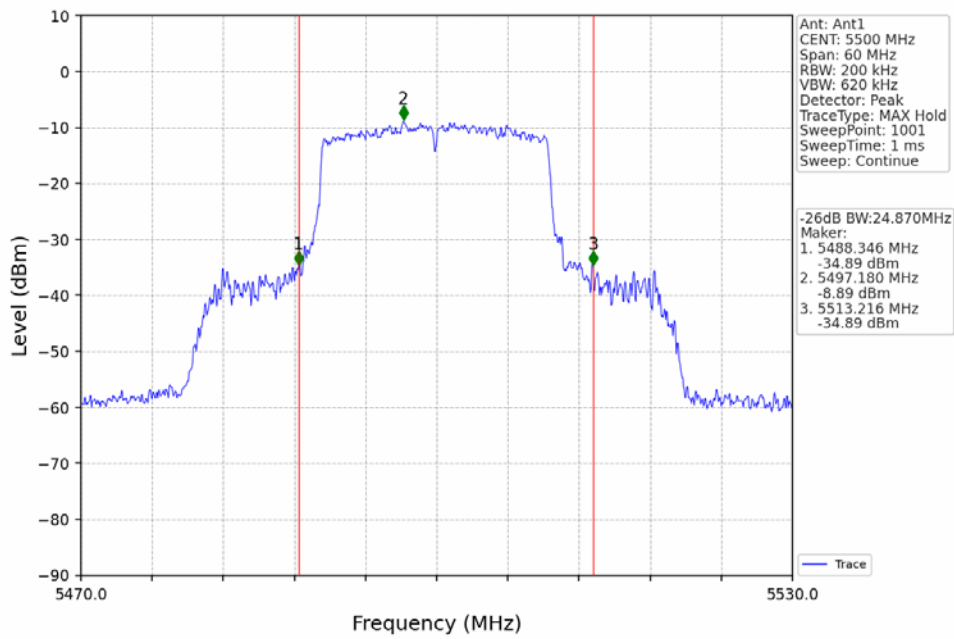
802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



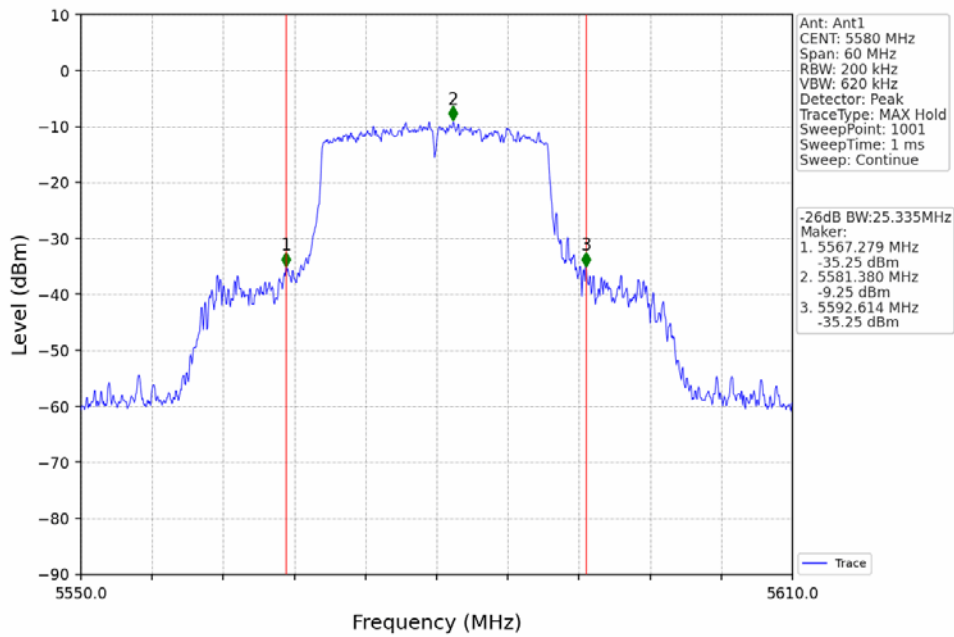
802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



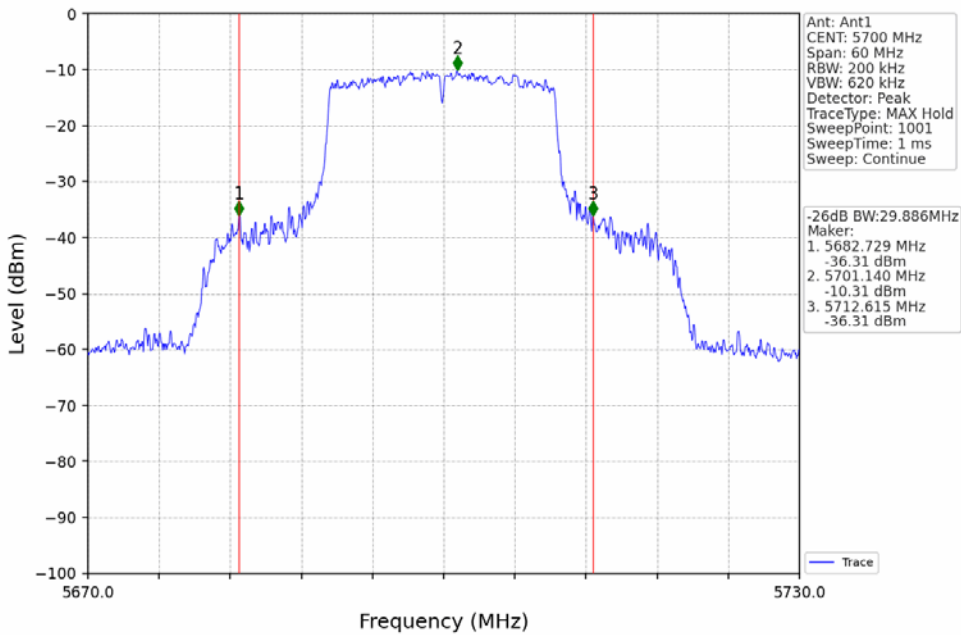
802.11ax(HEW20)_LCH_5500MHz_RU242_Left_Ant1_NTNV



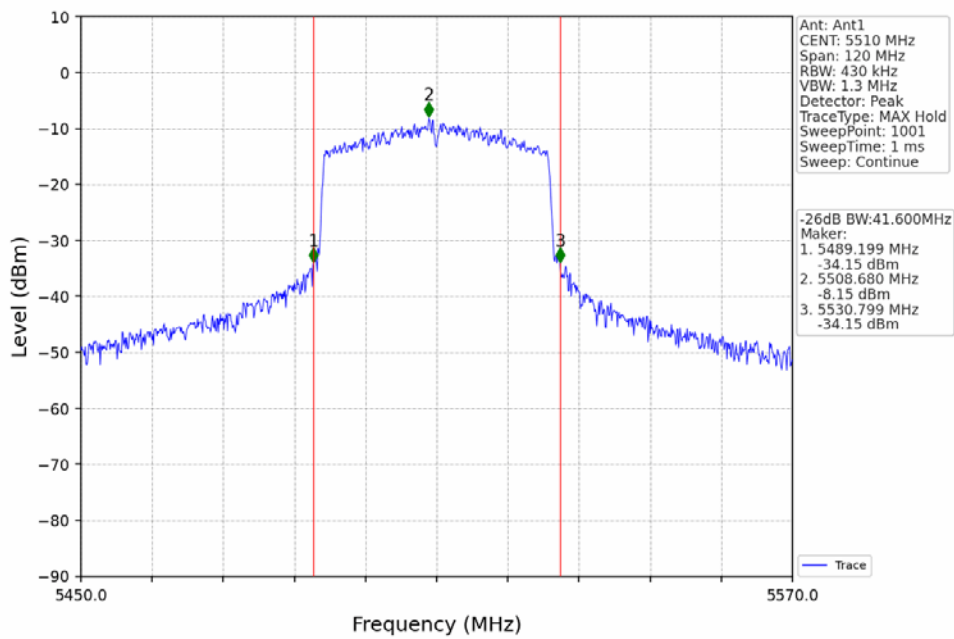
802.11ax(HEW20)_MCH_5580MHz_RU242_Left_Ant1_NTNV



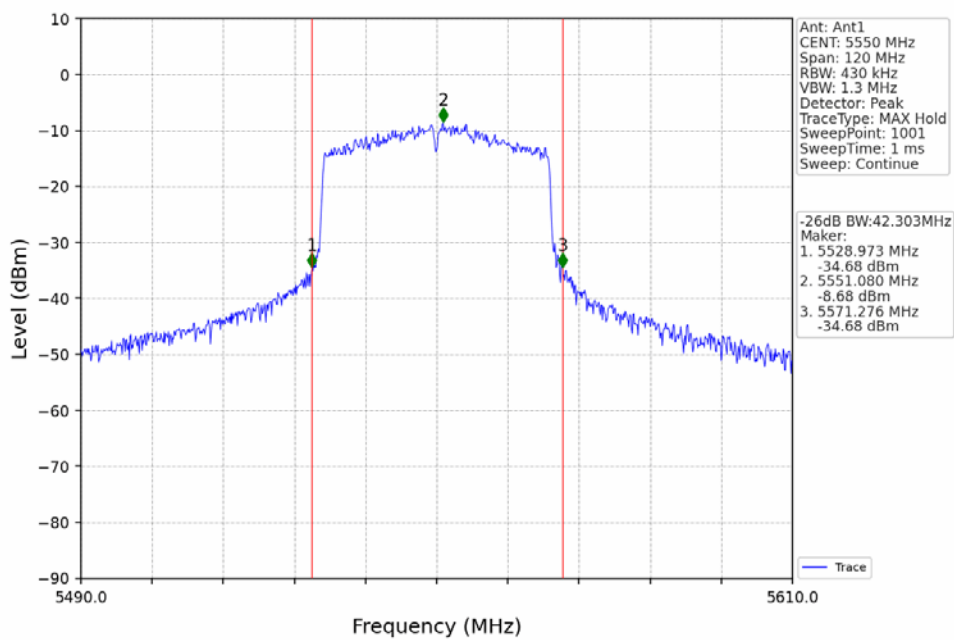
802.11ax(HEW20)_HCH_5700MHz_RU242_Left_Ant1_NTNV



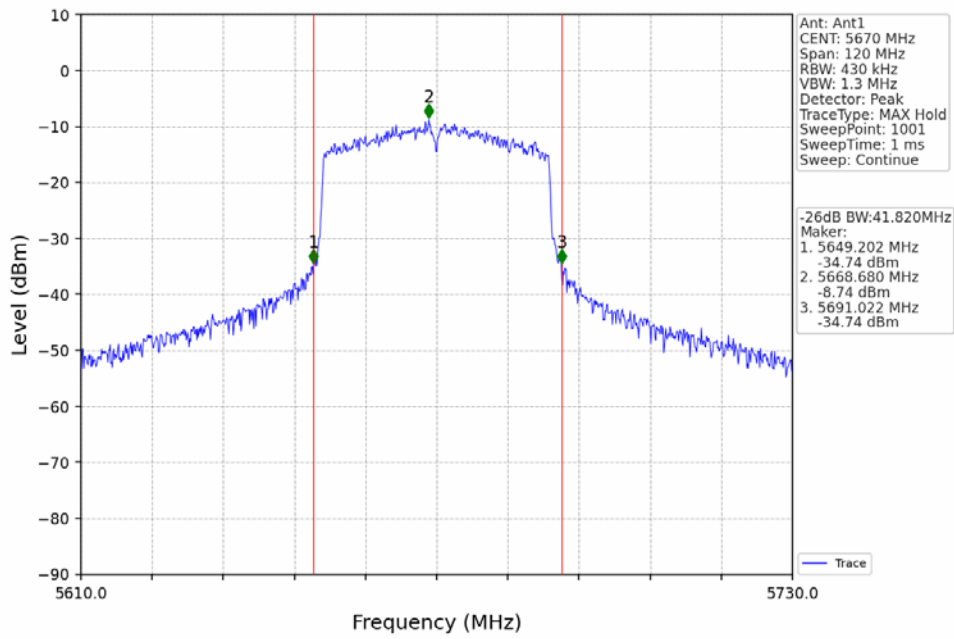
802.11ax(HEW40)_LCH_5510MHz_RU484_Left_Ant1_NTNV



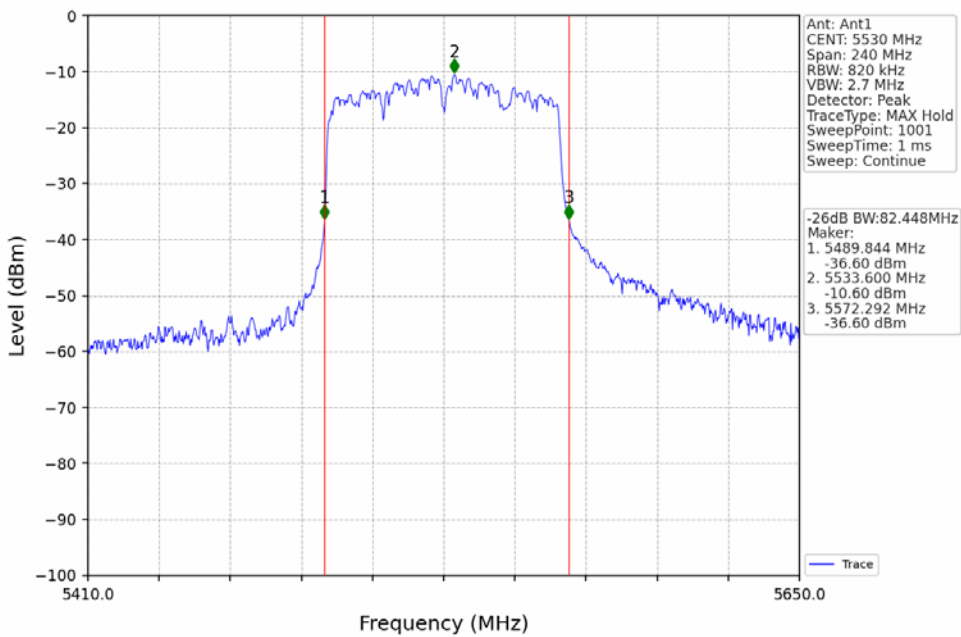
802.11ax(HEW40)_MCH_5550MHz_RU484_Left_Ant1_NTNV

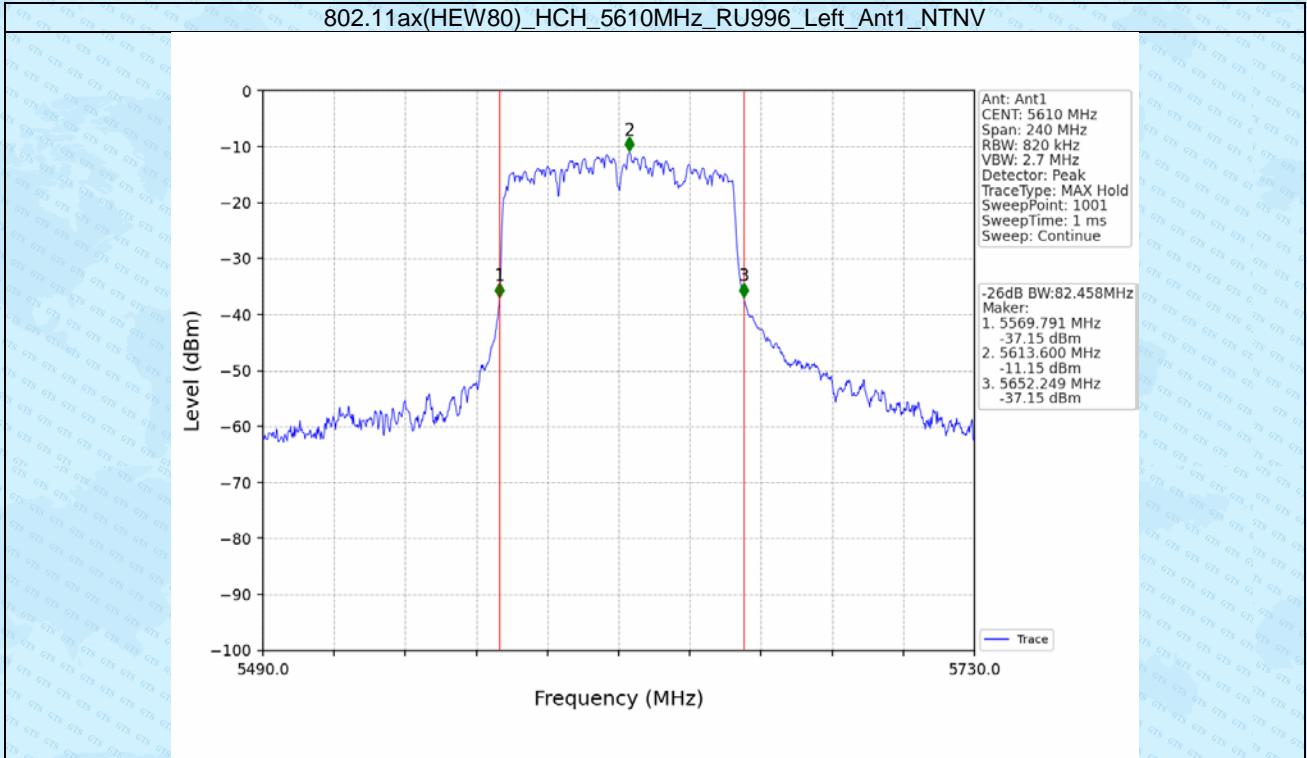


802.11ax(HEW40)_HCH_5670MHz_RU484_Left_Ant1_NTNV



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

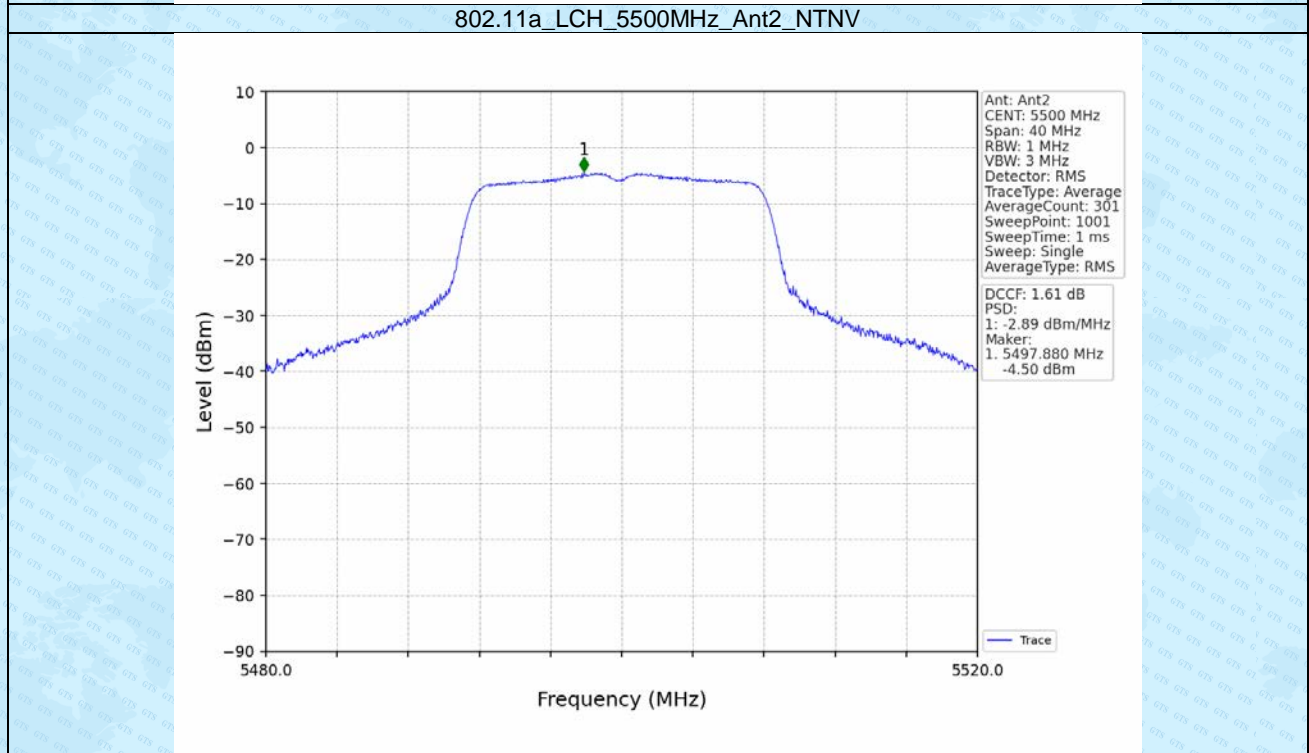
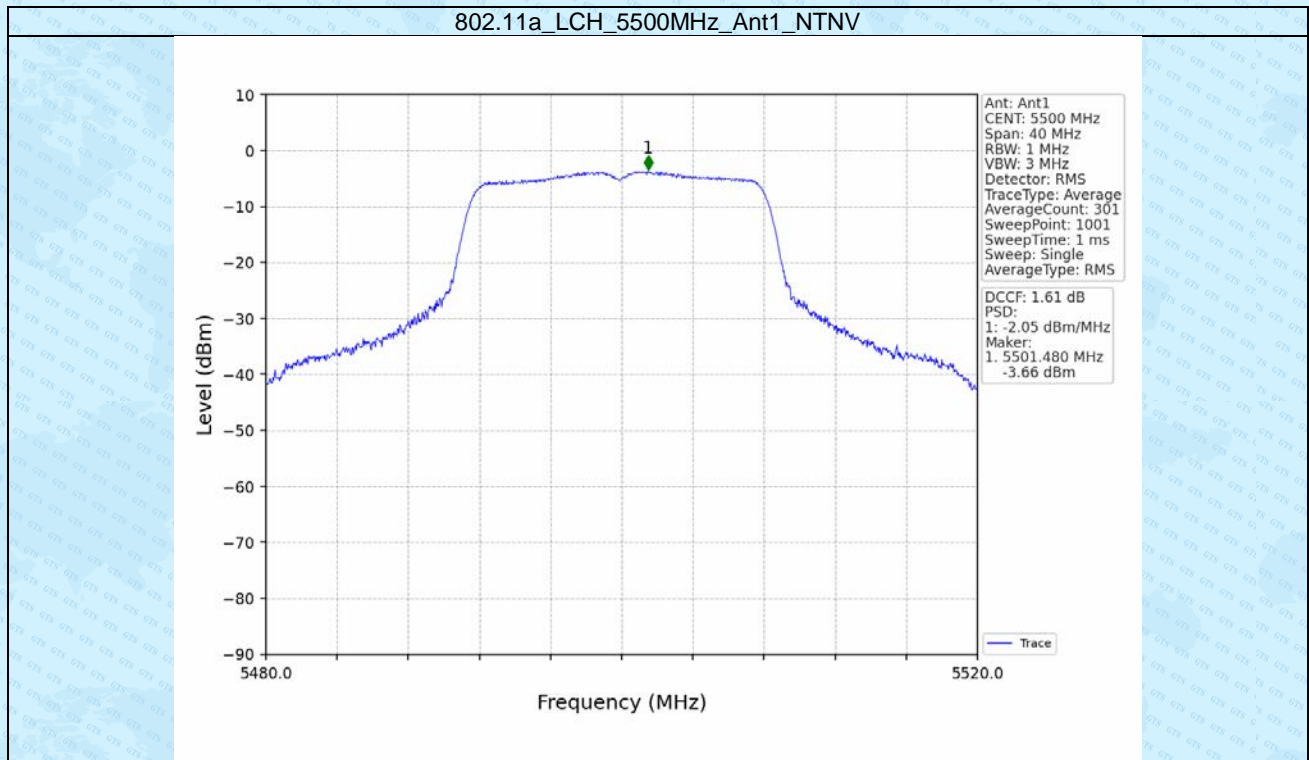
4.1 PSD

4.1.1 Test Result

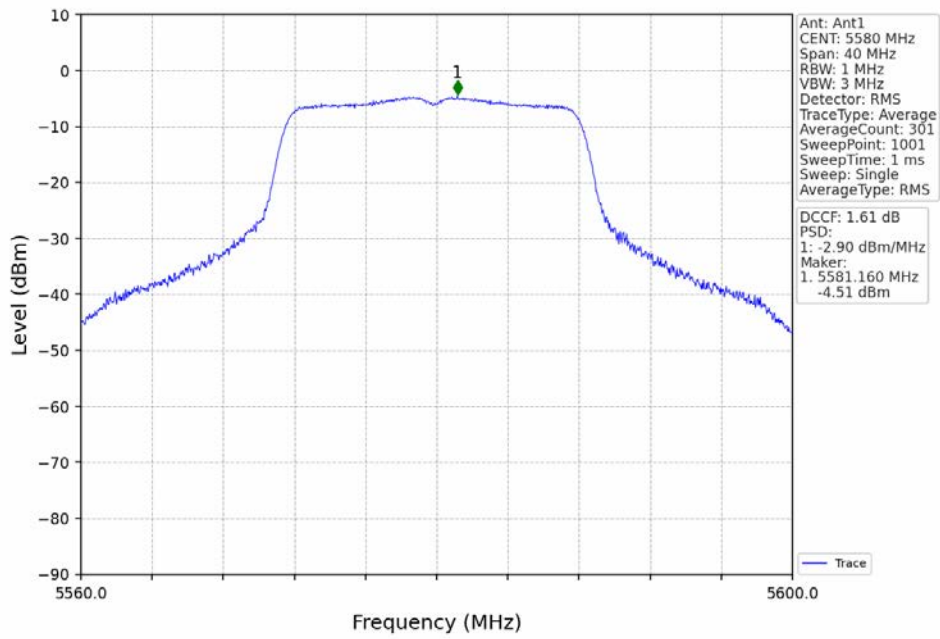
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/MHz)				Verdict
					ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5500	/	/	-2.05	-2.89	/	<=11	Pass
		5580	/	/	-2.90	-2.37	/	<=11	Pass
		5700	/	/	-3.03	-4.59	/	<=11	Pass
802.11n (HT20)	MIMO	5500	/	/	-3.38	-4.71	-1.08	<=10.53	Pass
		5580	/	/	-4.16	-4.02	-1.20	<=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

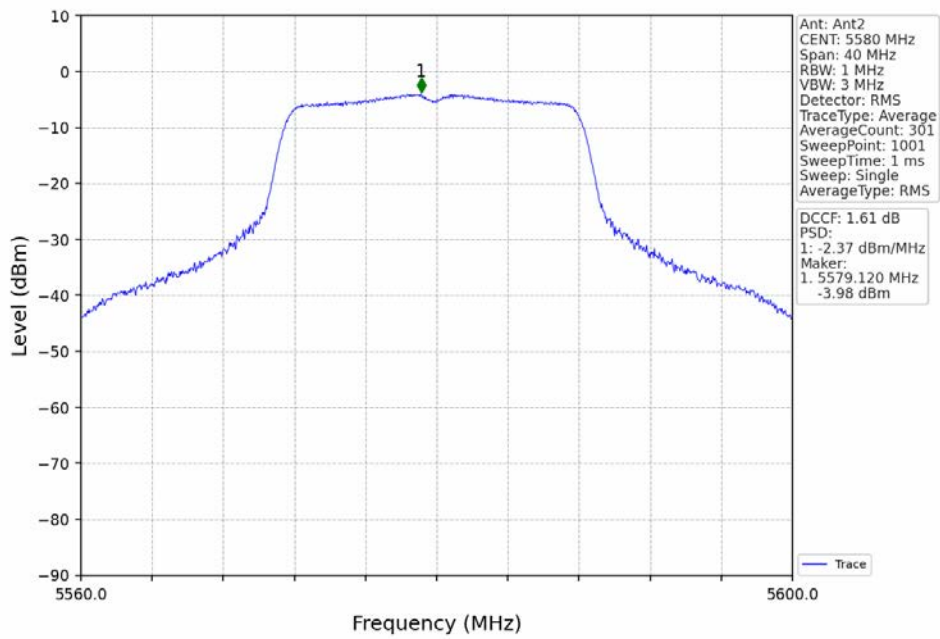
4.1.2 Test Graph



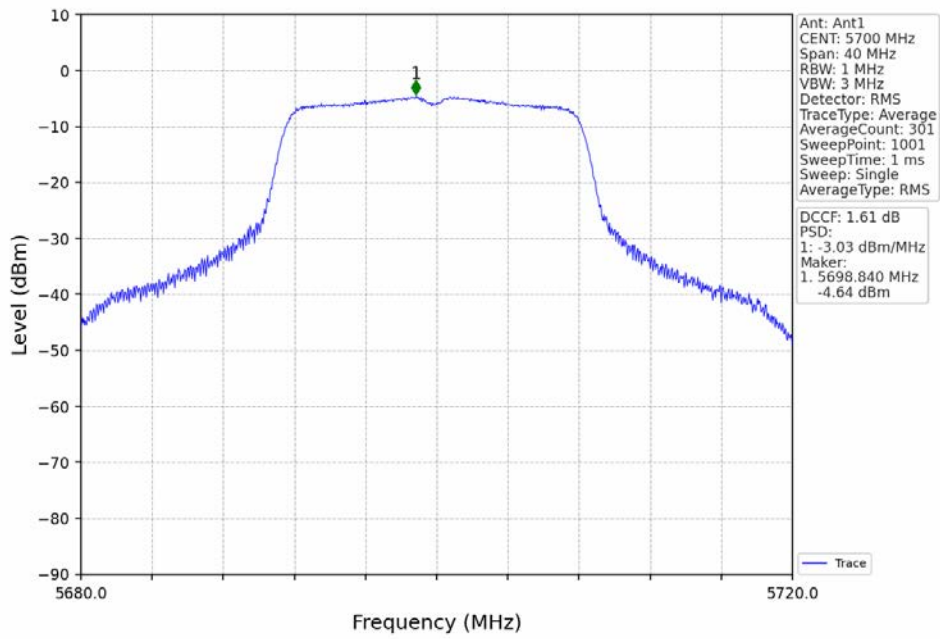
802.11a_MCH_5580MHz_Ant1_NTNV



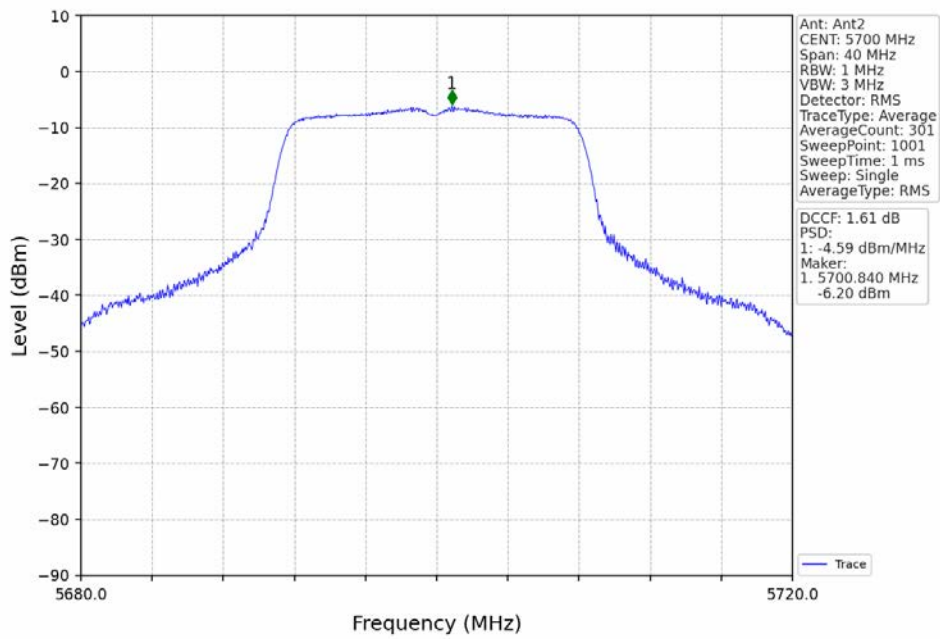
802.11a_MCH_5580MHz_Ant2_NTNV



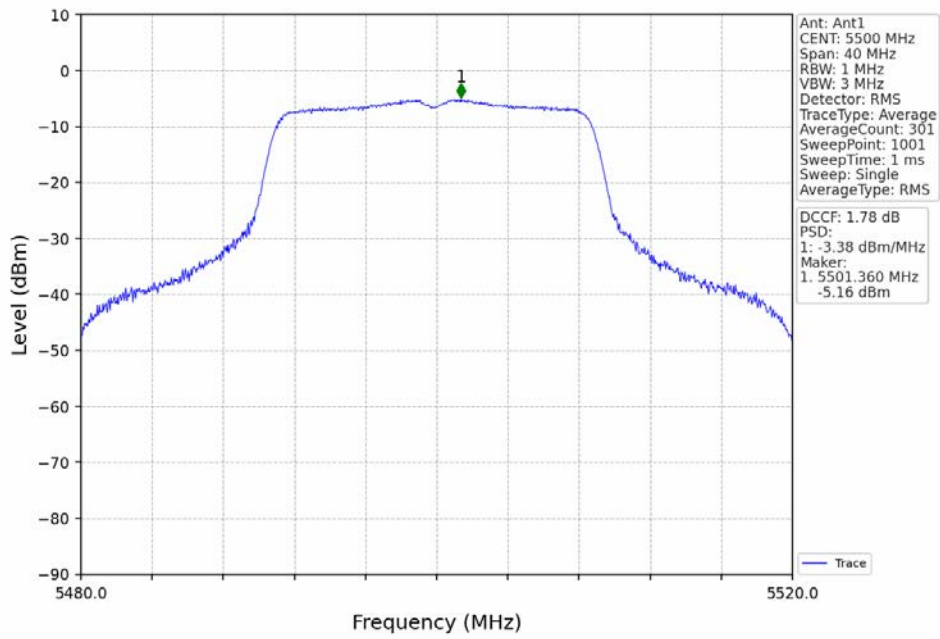
802.11a_HCH_5700MHz_Ant1_NTNV



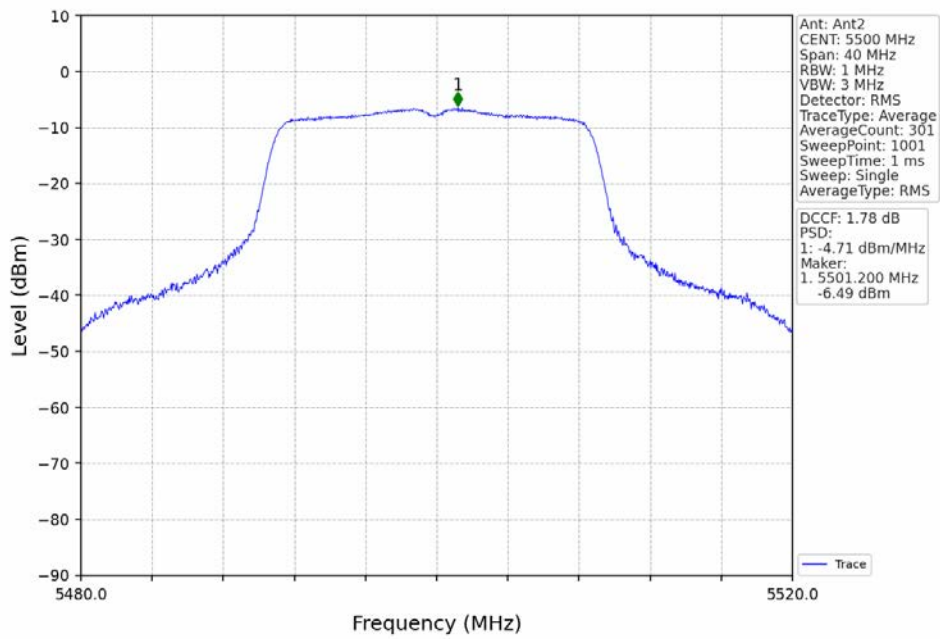
802.11a_HCH_5700MHz_Ant2_NTNV



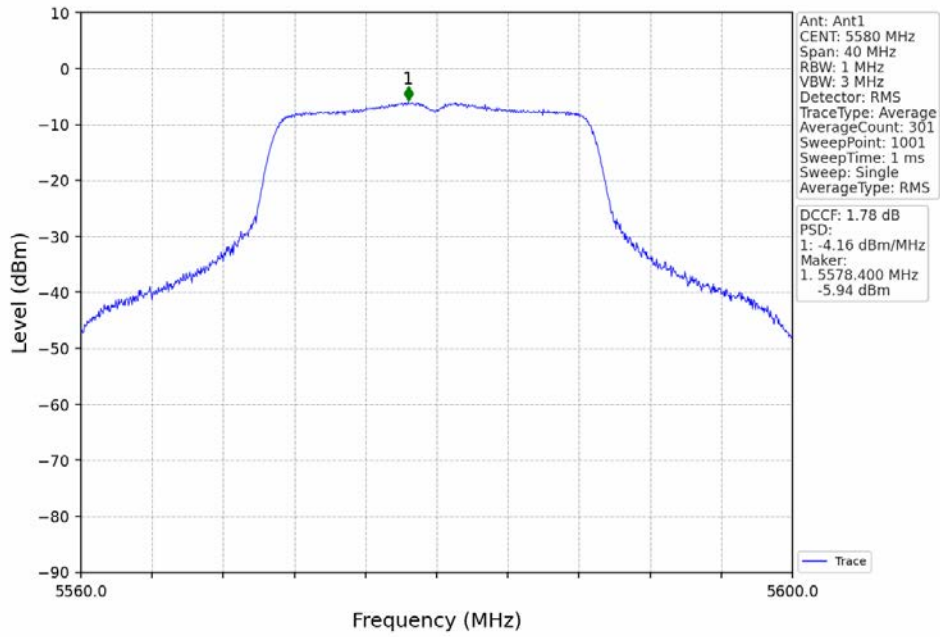
802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



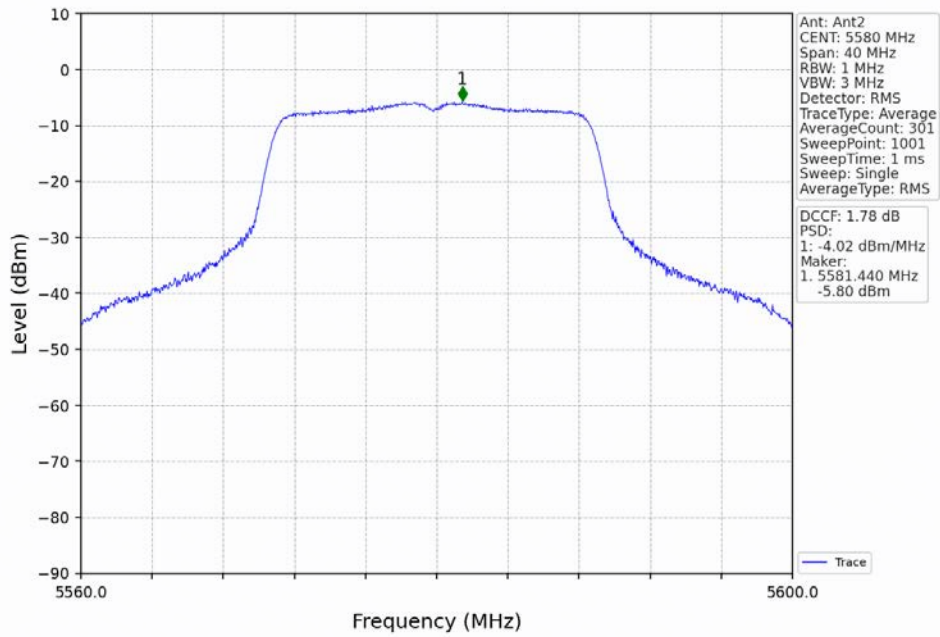
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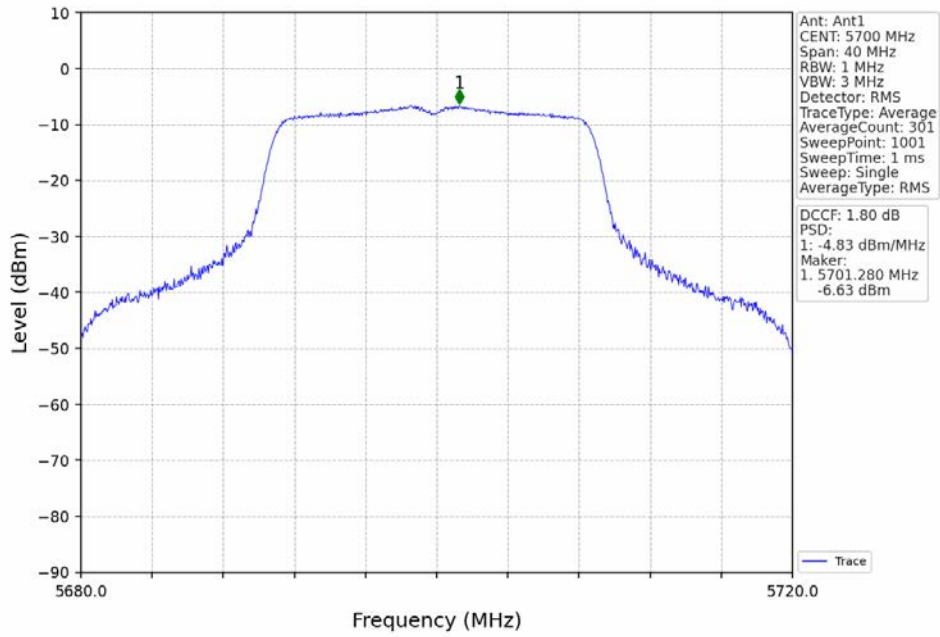
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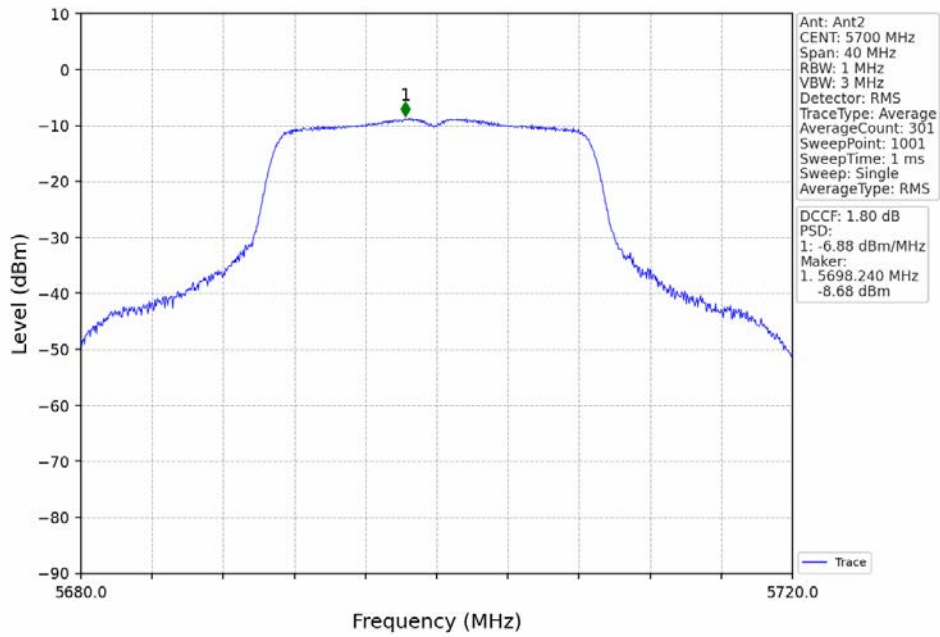
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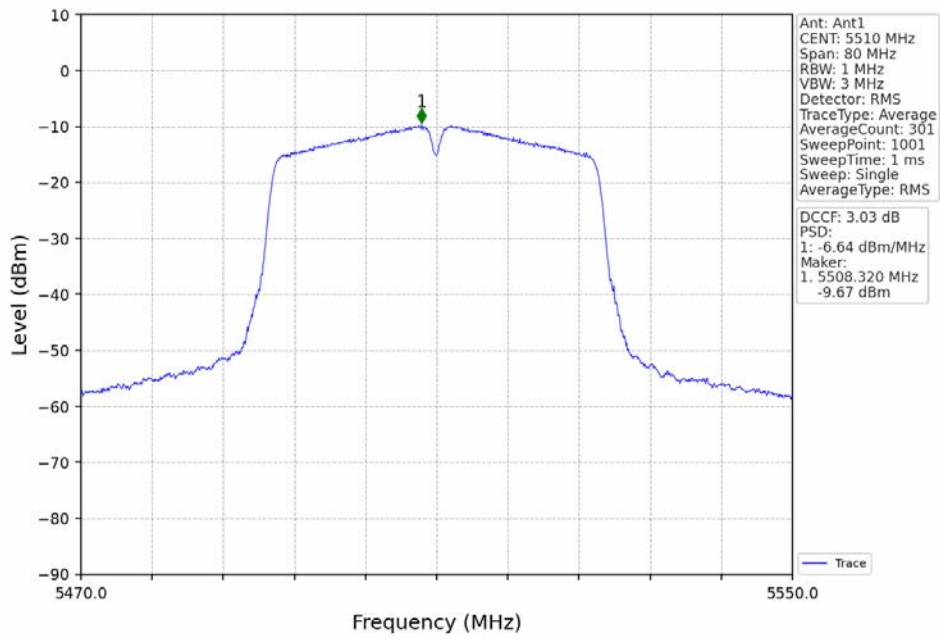
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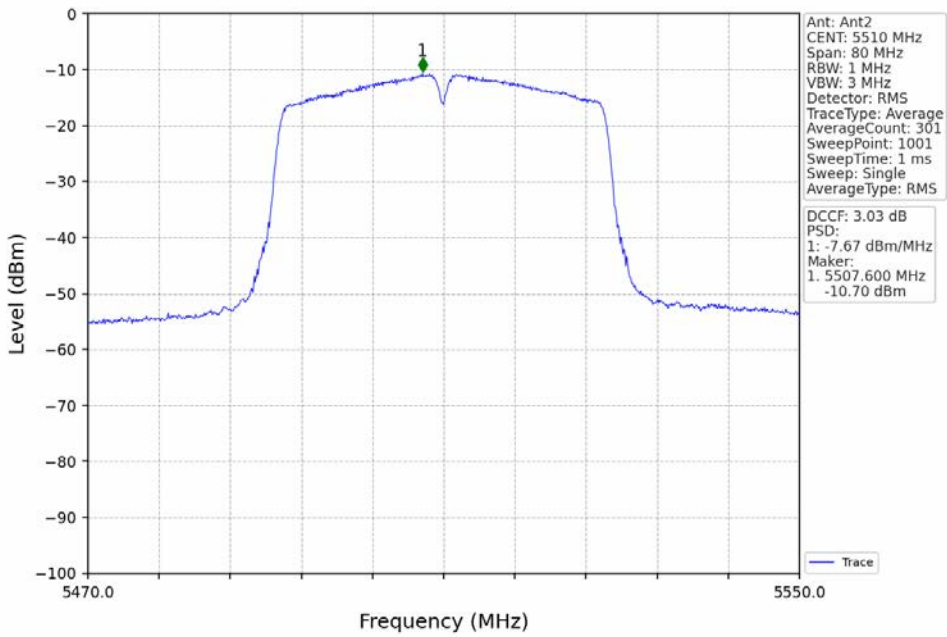
802.11n(HT20)_HCH_5700MHz_Ant2_NTNV



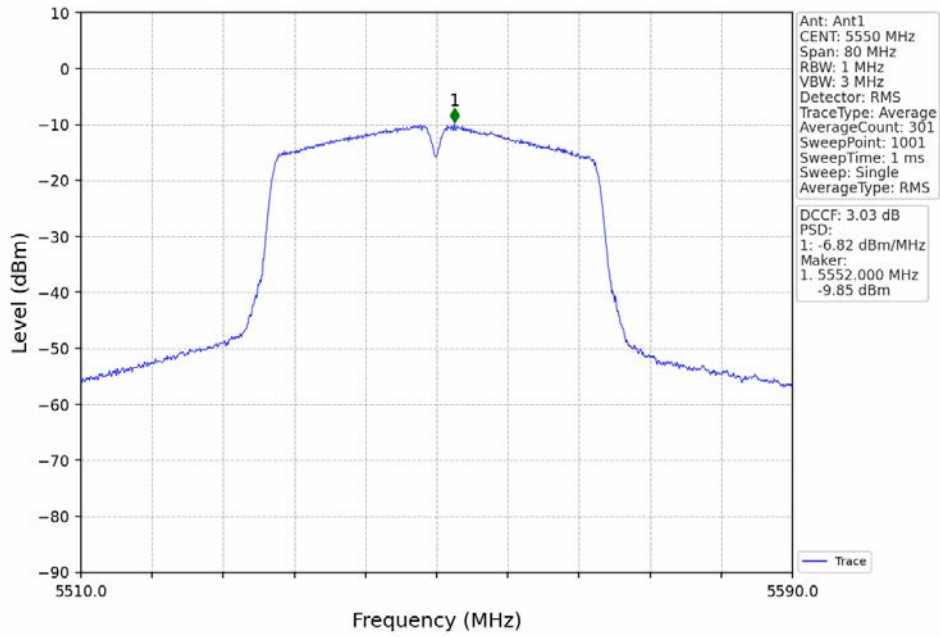
802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



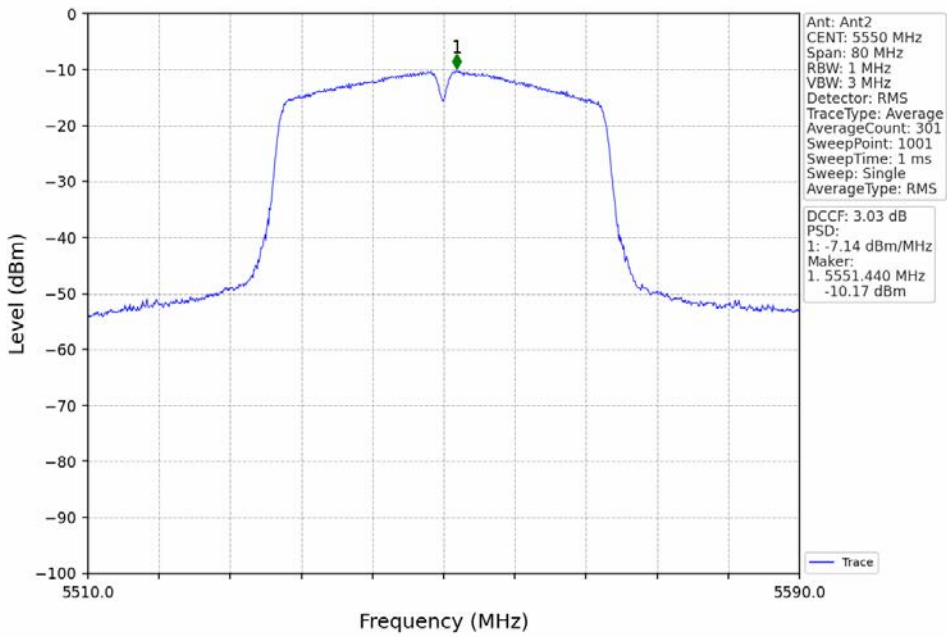
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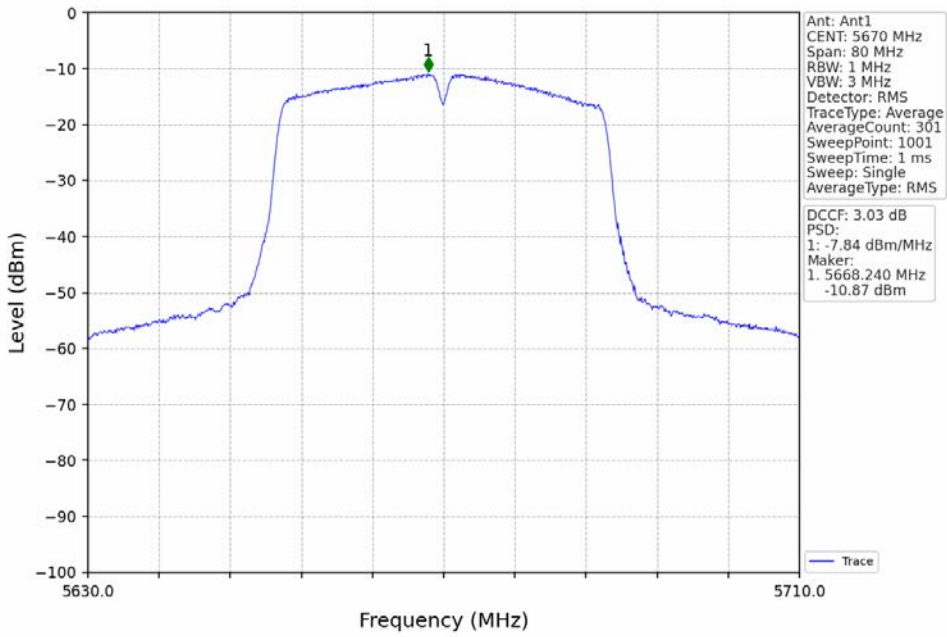
802.11n(HT40)_MCH_5550MHz_Ant1_NTNV



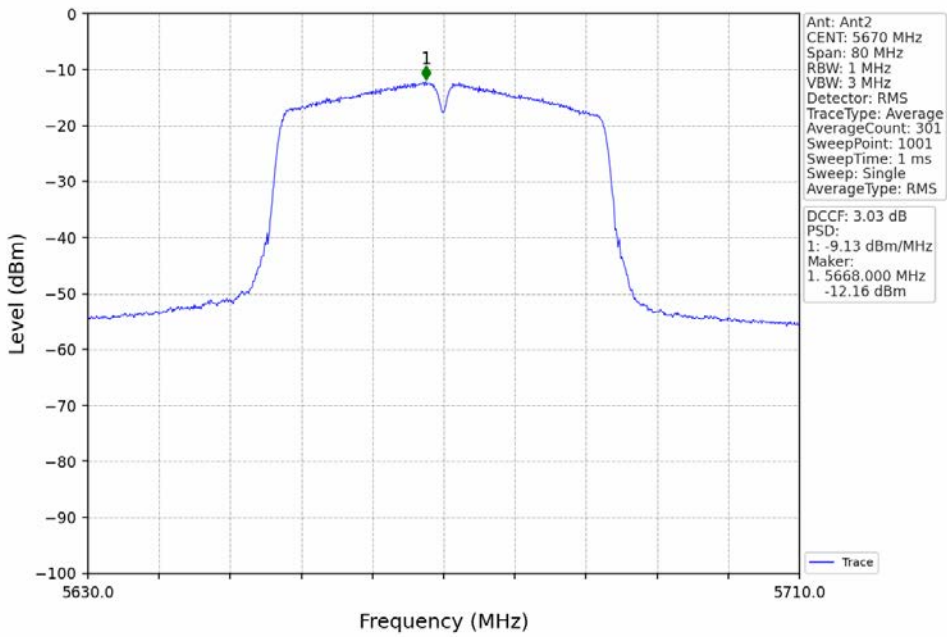
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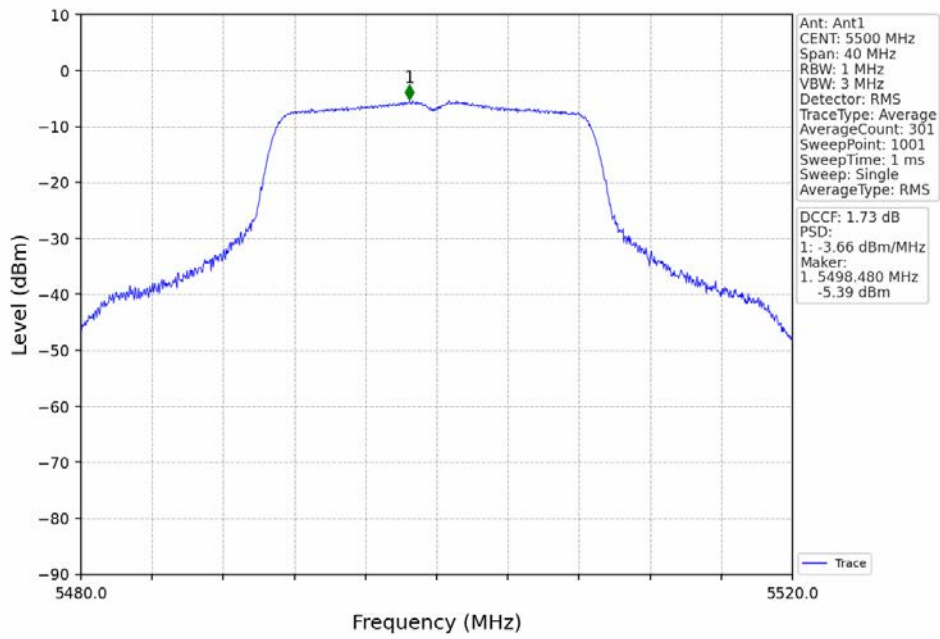
802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



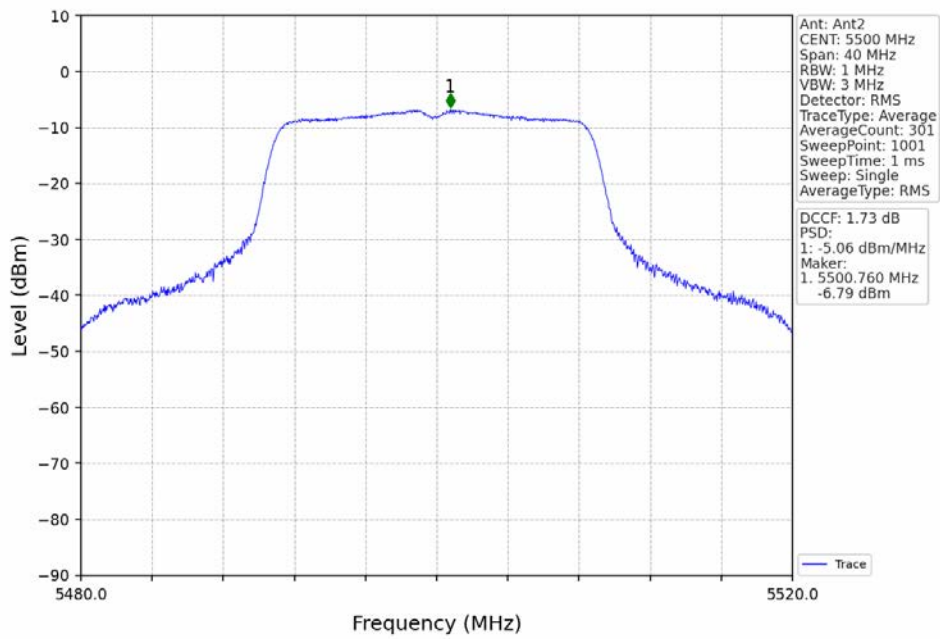
802.11n(HT40)_HCH_5670MHz_Ant2_NTNV



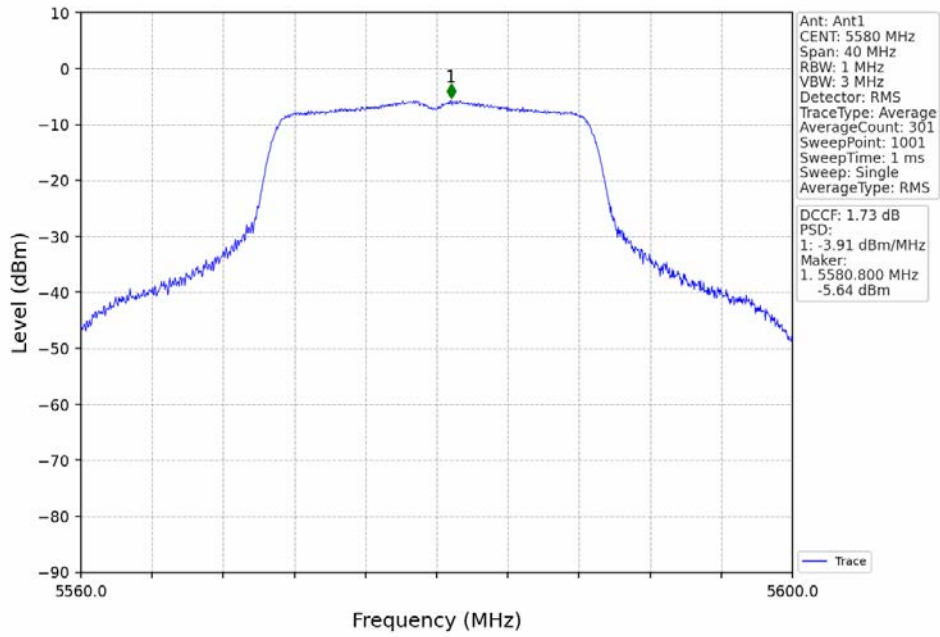
802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



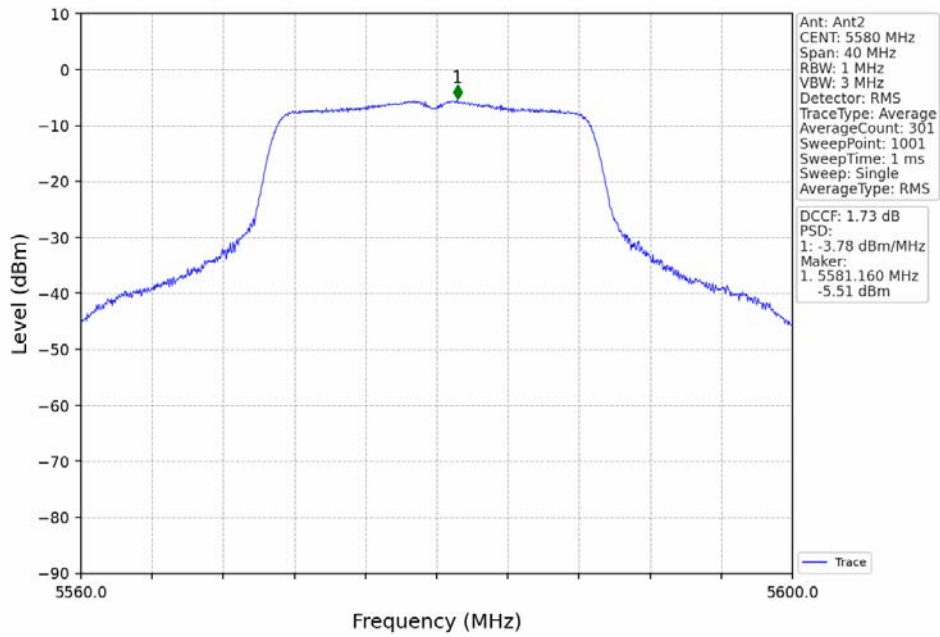
802.11ac(VHT20)_LCH_5500MHz_Ant2_NTNV



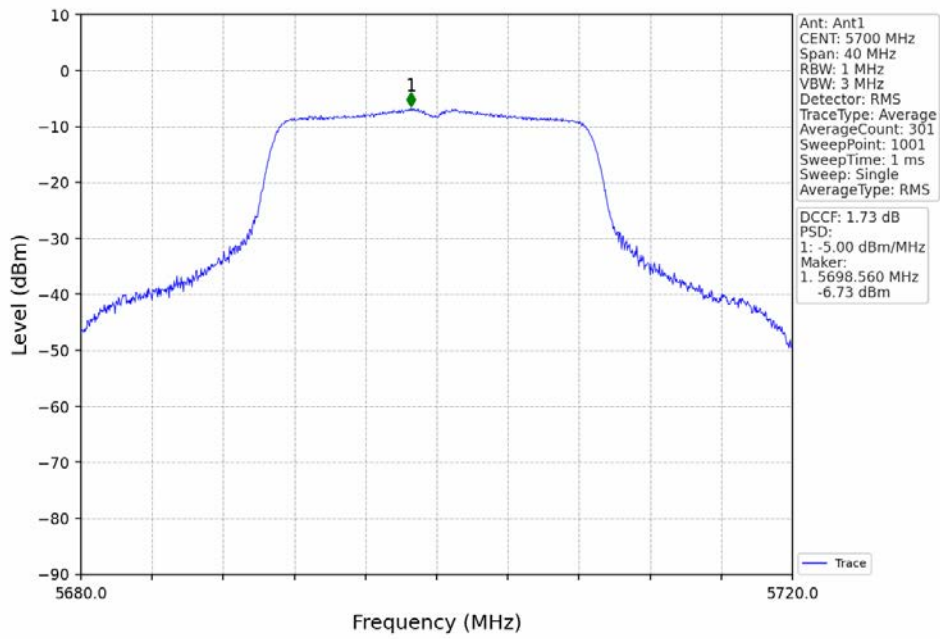
802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



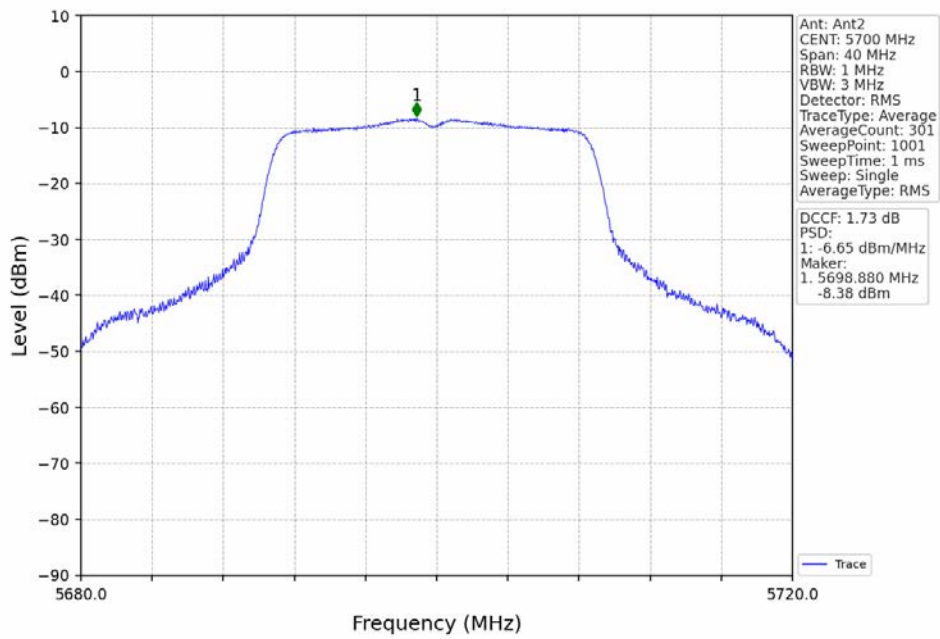
802.11ac(VHT20)_MCH_5580MHz_Ant2_NTNV



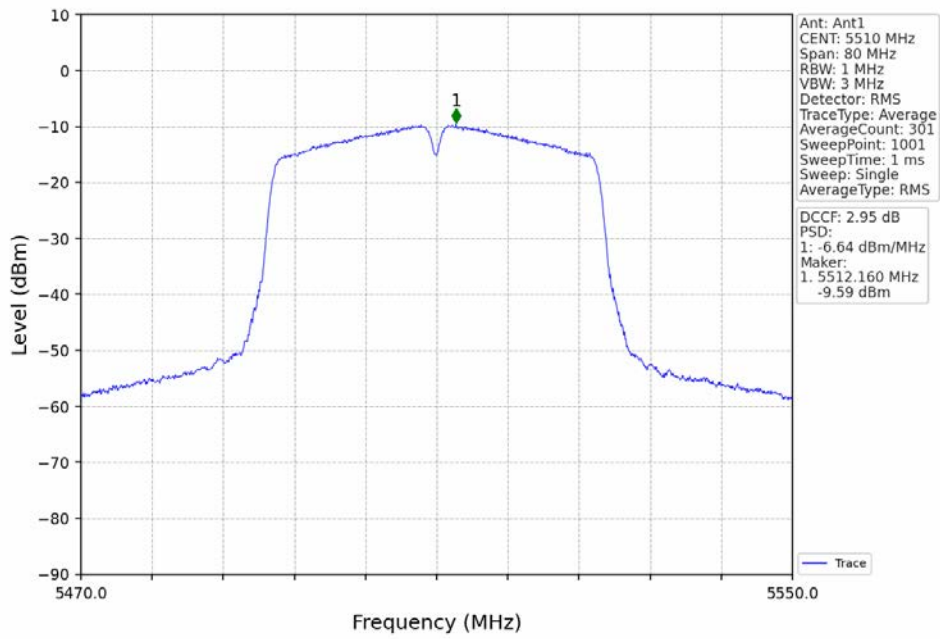
802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



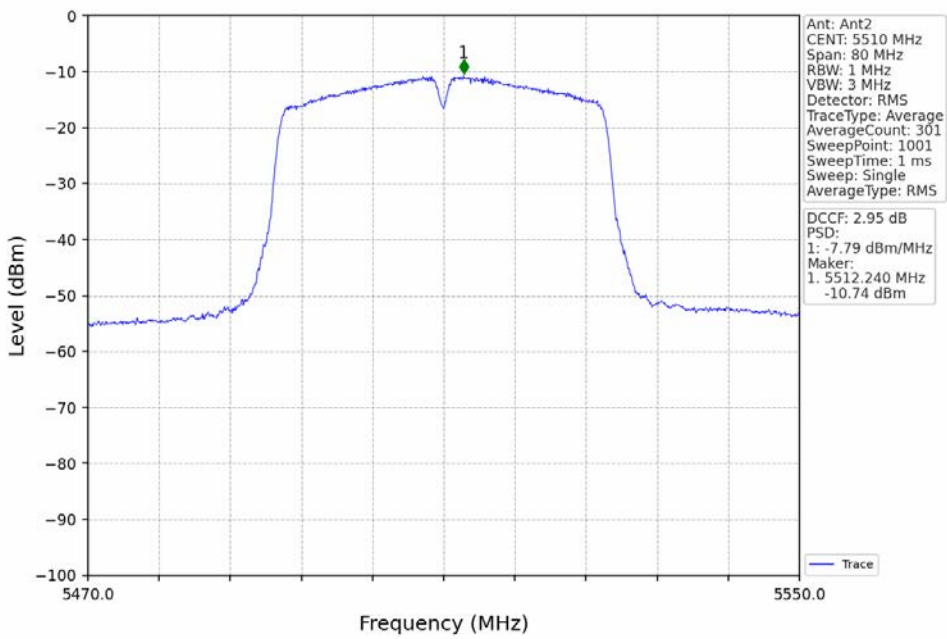
802.11ac(VHT20)_HCH_5700MHz_Ant2_NTNV



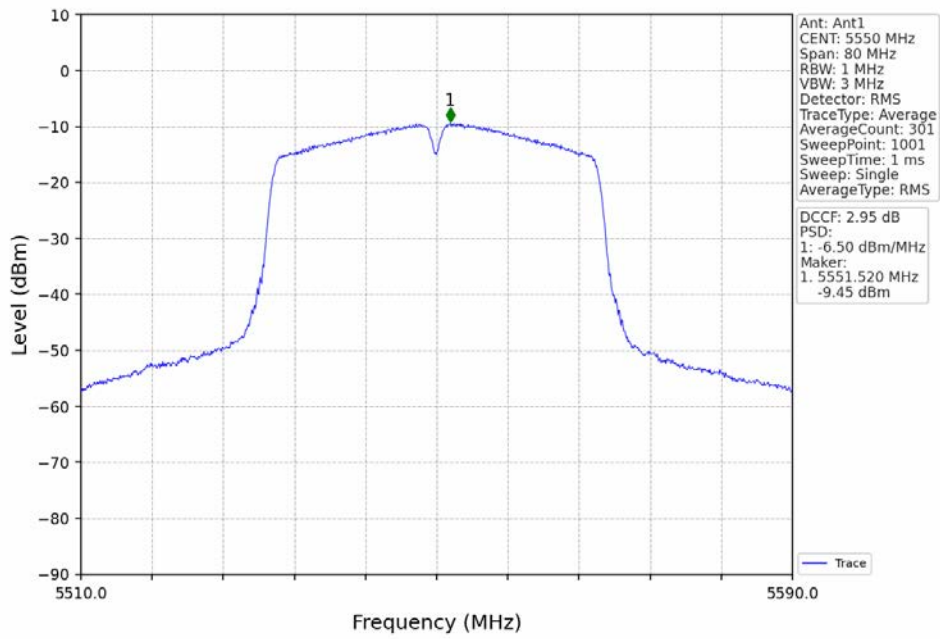
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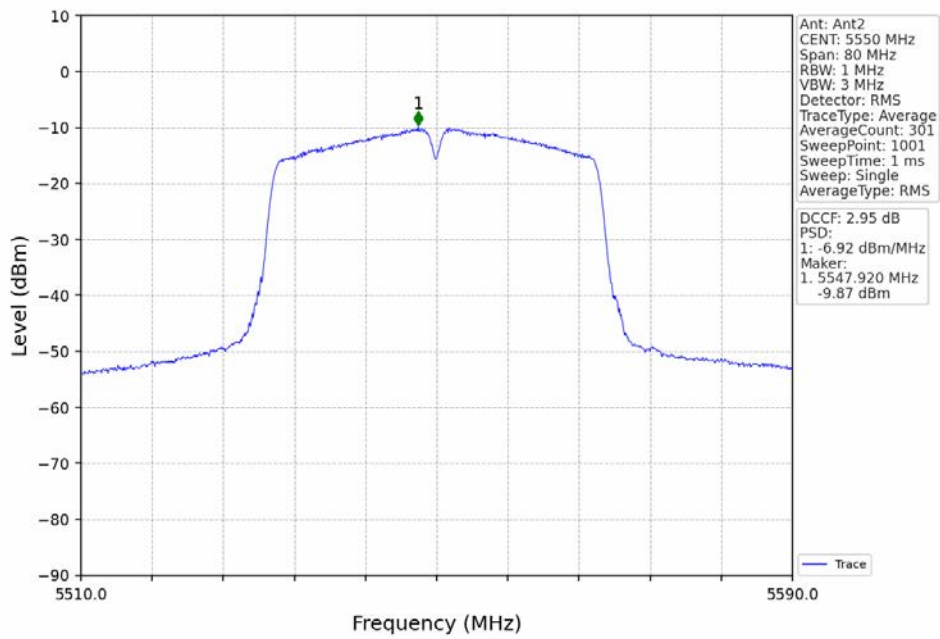
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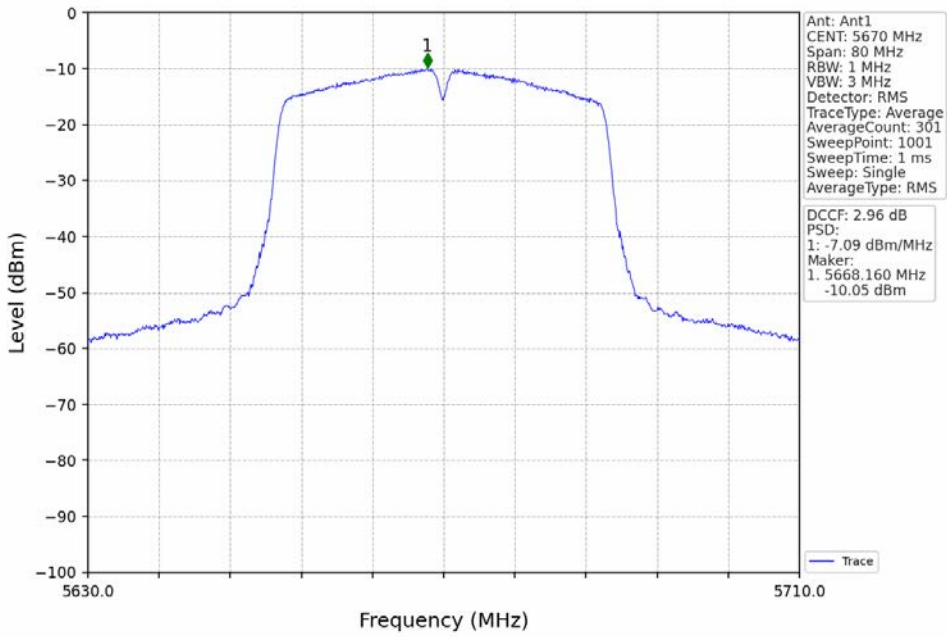
802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV



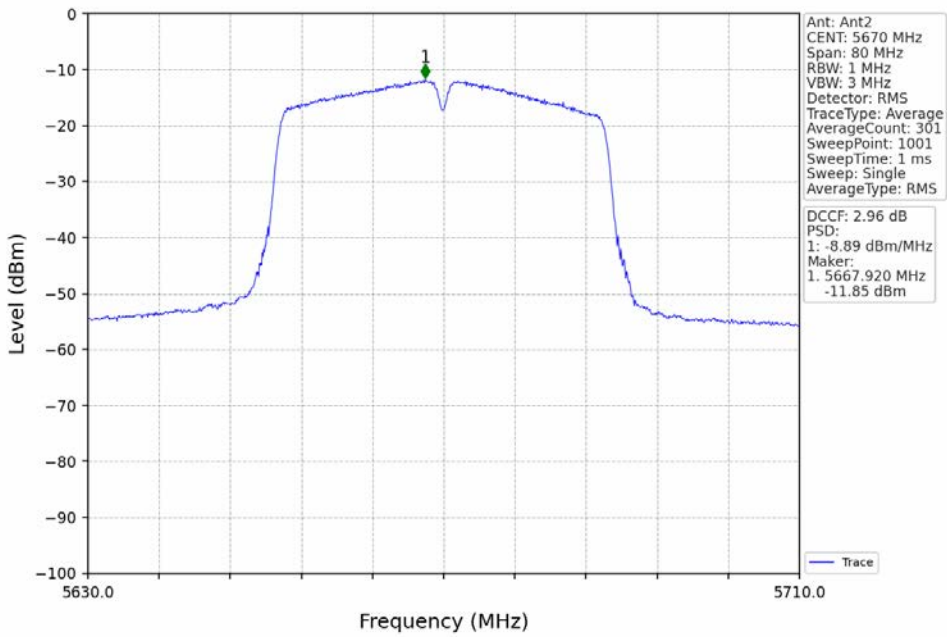
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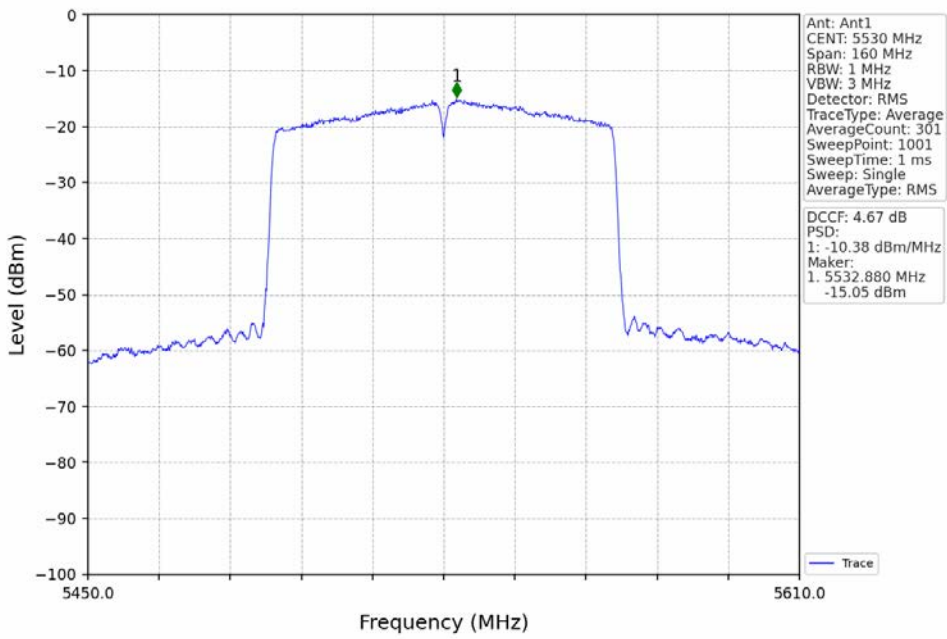
802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



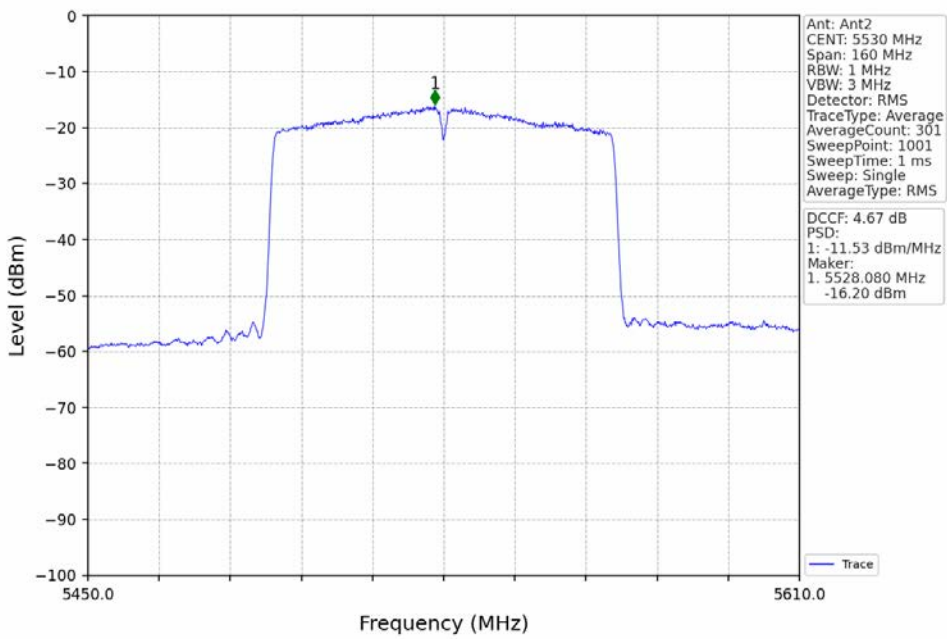
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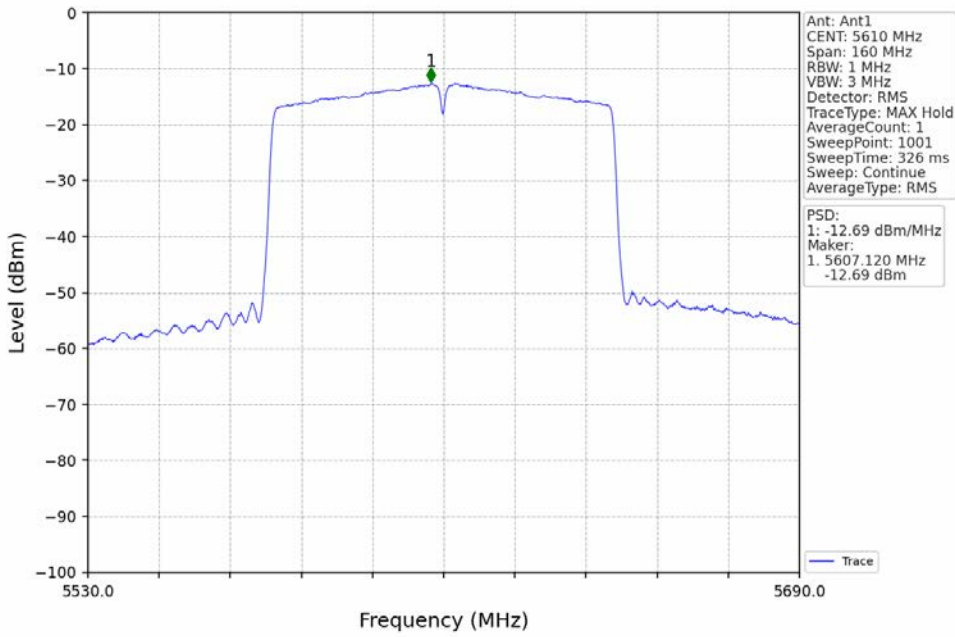
802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



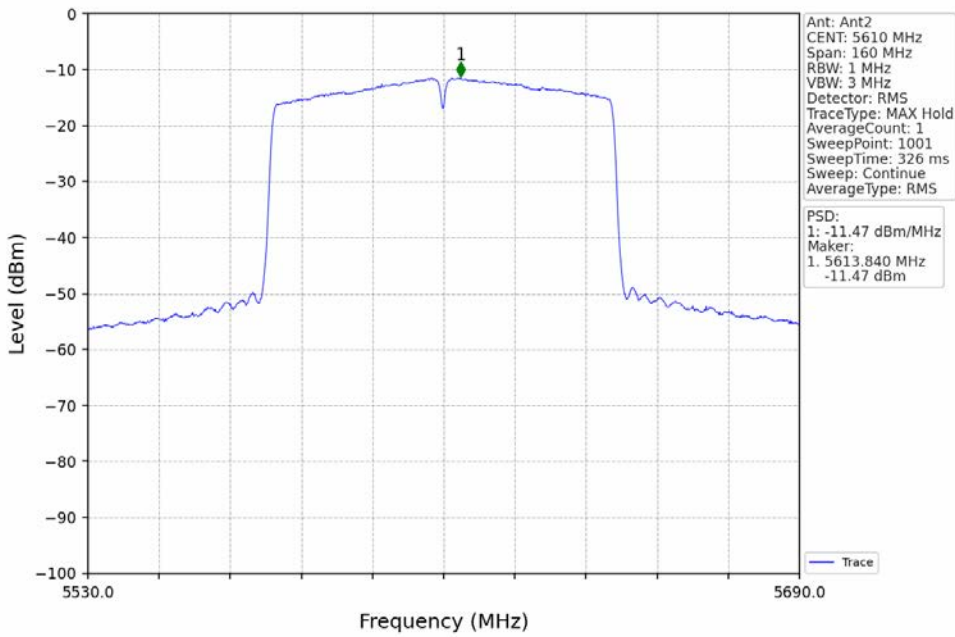
802.11ac(VHT80)_LCH_5530MHz_Ant2_NTNV



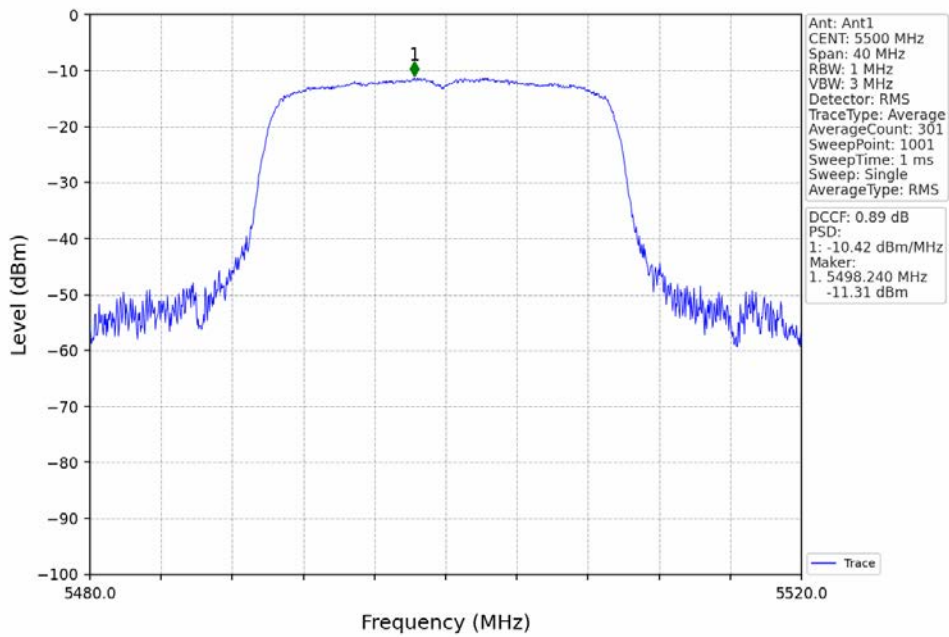
802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



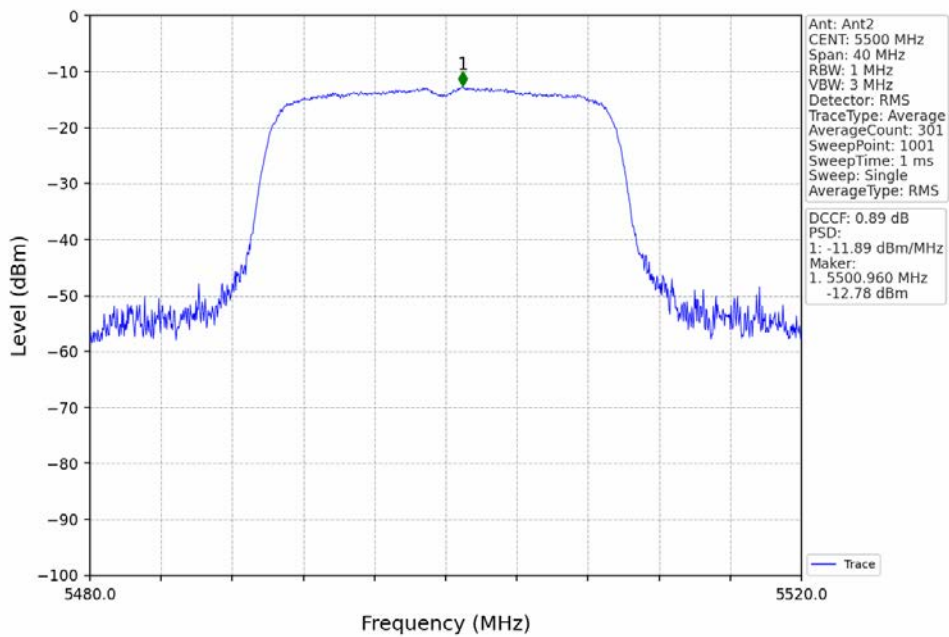
802.11ac(VHT80)_HCH_5610MHz_Ant2_NTNV



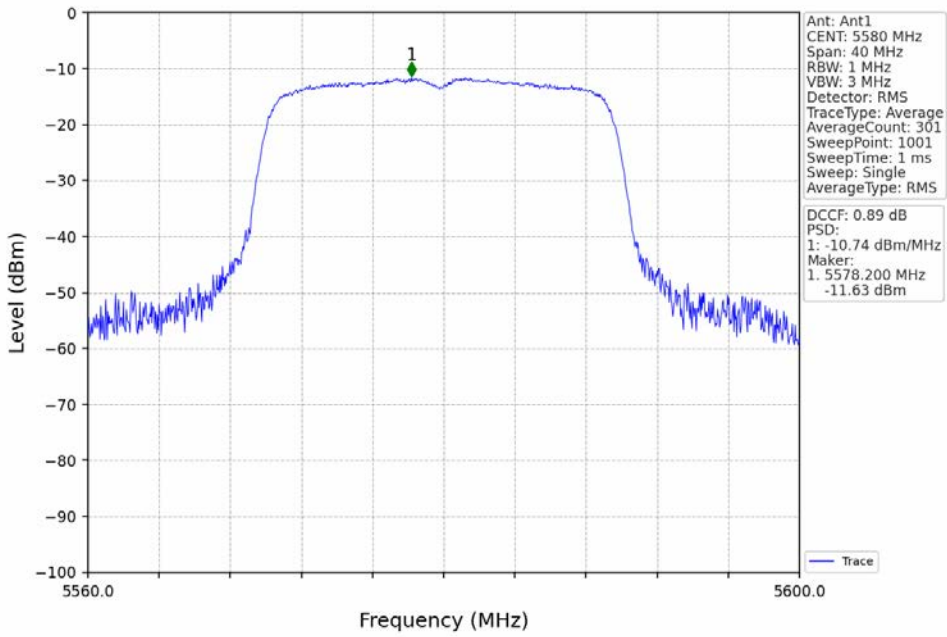
802.11ax(HEW20)_LCH_5500MHz_RU242_Left_Ant1_NTNV



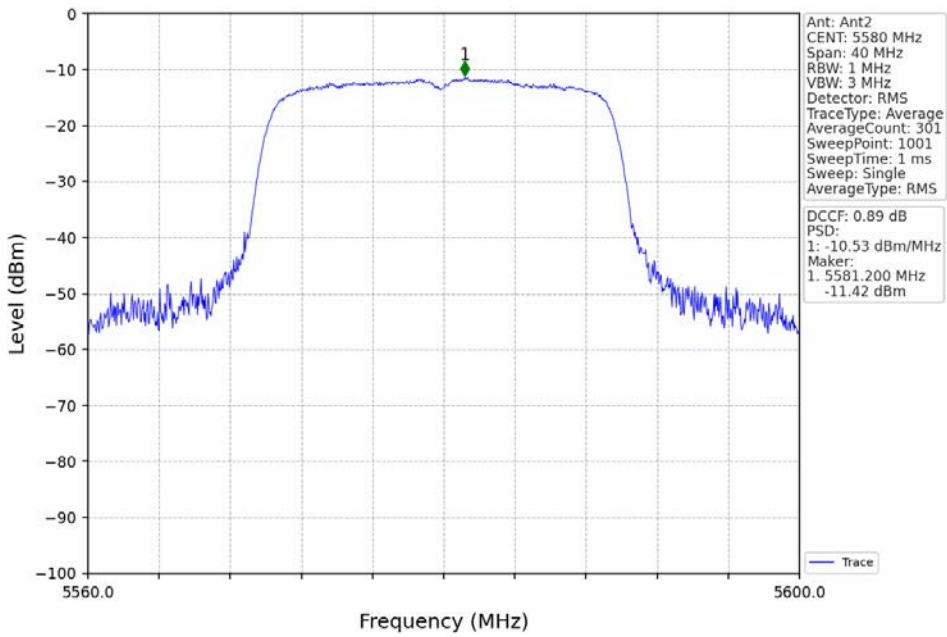
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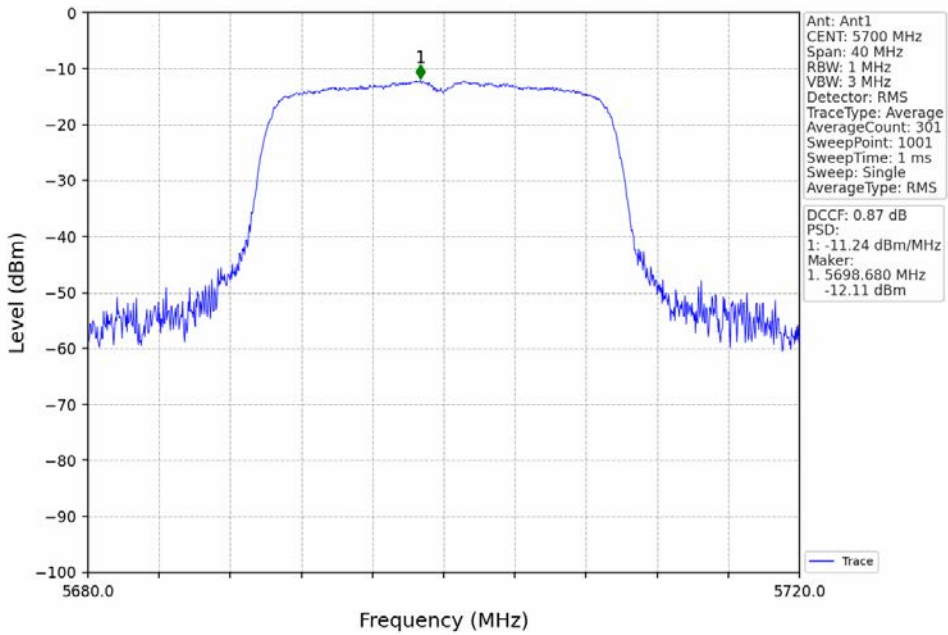
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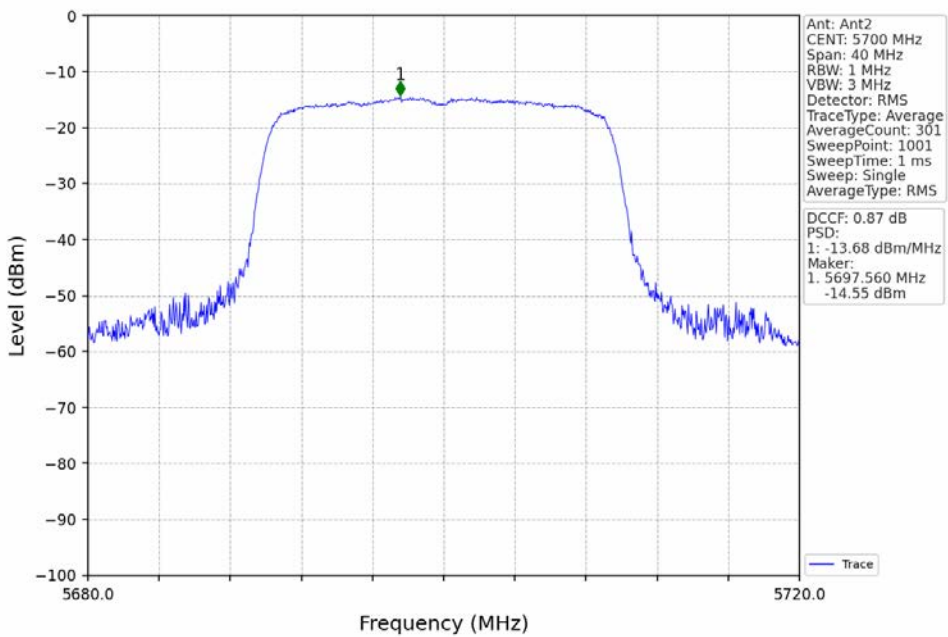
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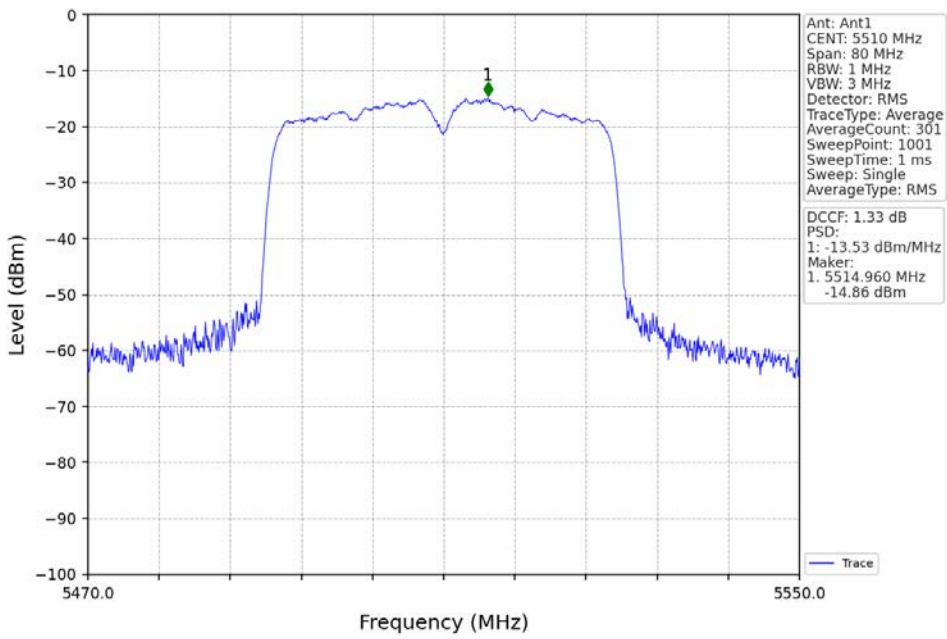
802.11ax(HEW20)_HCH_5700MHz_RU242_Left_Ant1_NTNV



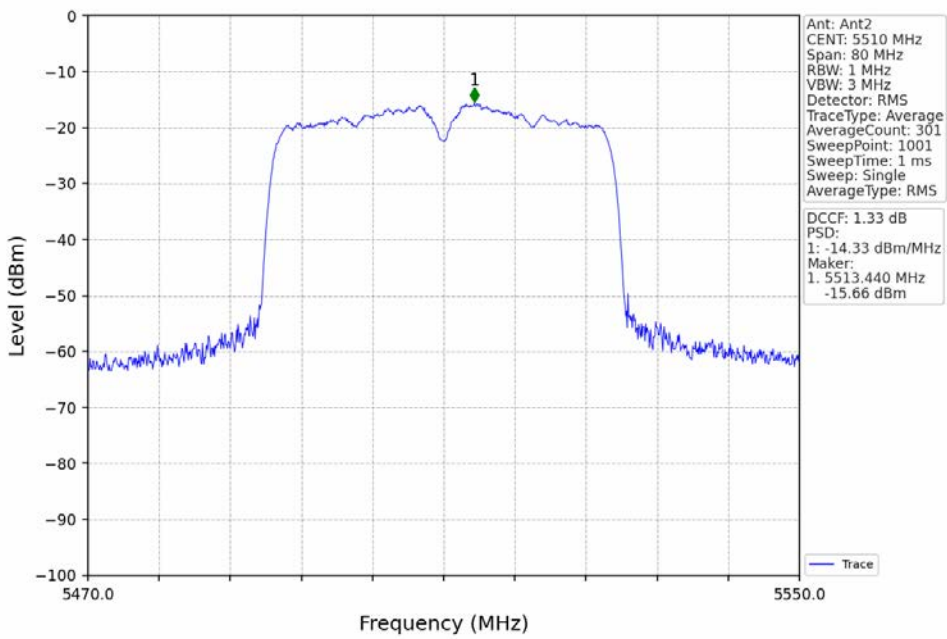
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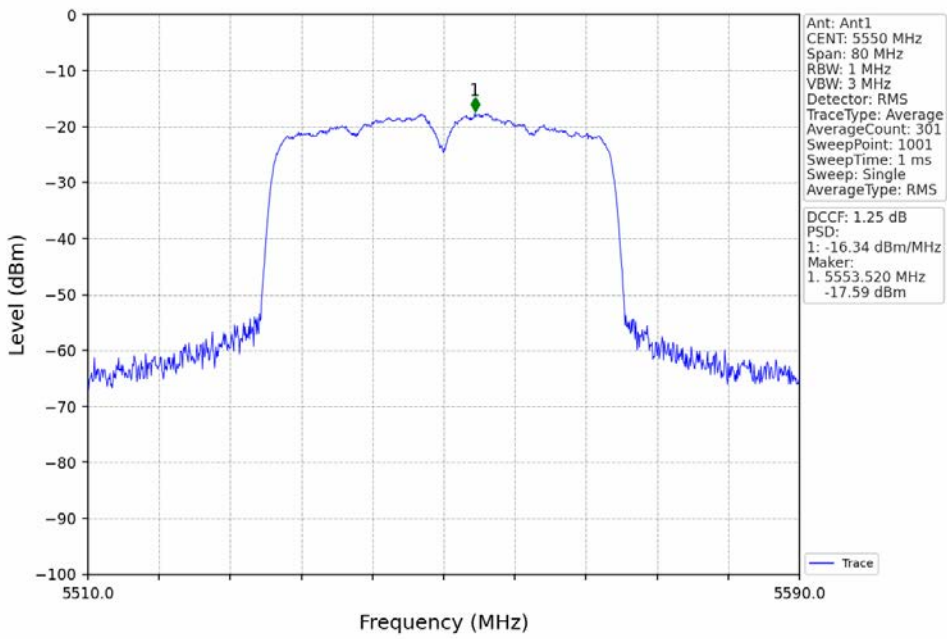
802.11ax(HEW40)_LCH_5510MHz_RU484_Left_Ant1_NTNV



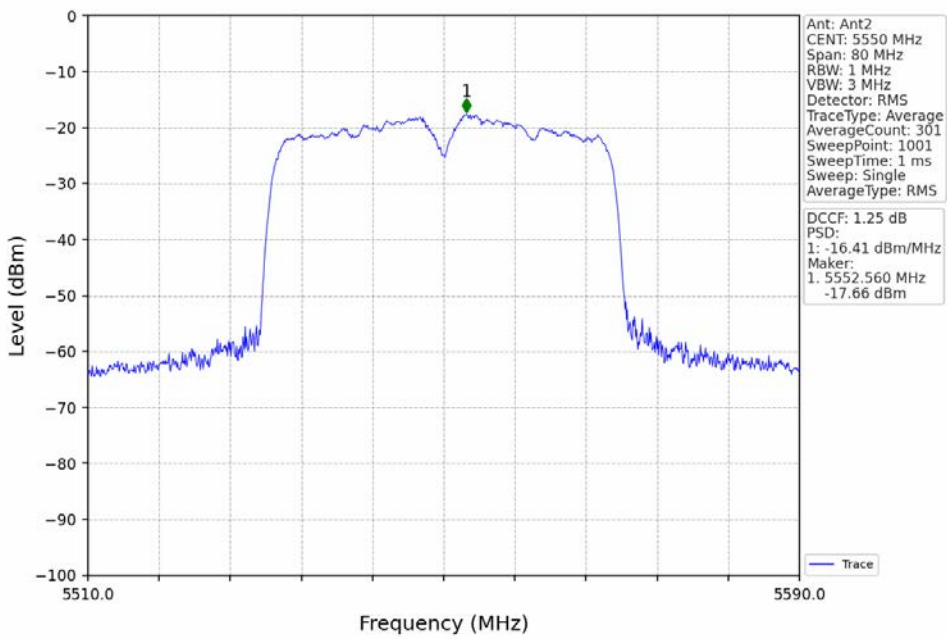
802.11ax(HEW40)_LCH_5510MHz_RU484_Left_Ant2_NTNV



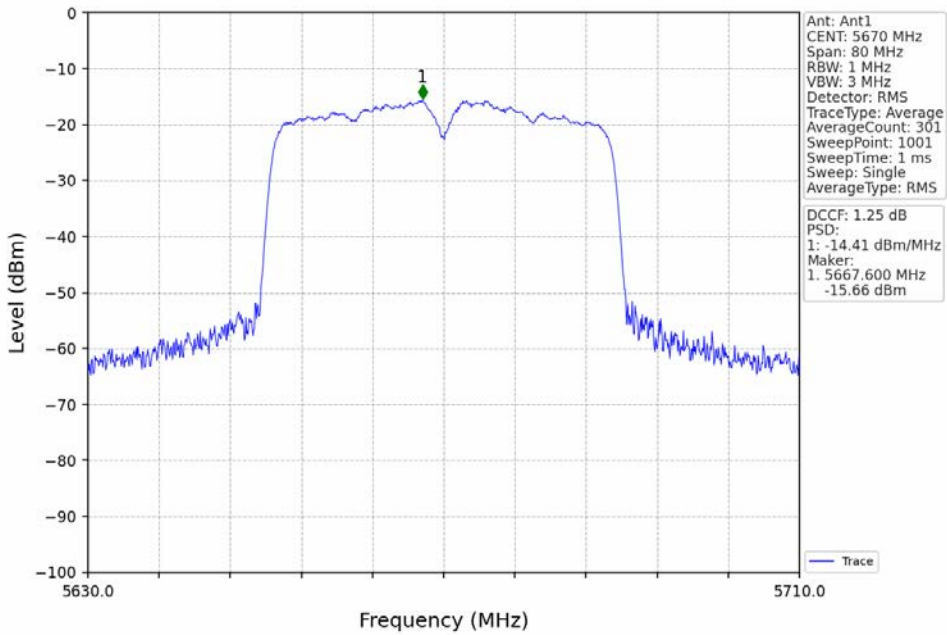
802.11ax(HEW40)_MCH_5550MHz_RU484_Left_Ant1_NTNV



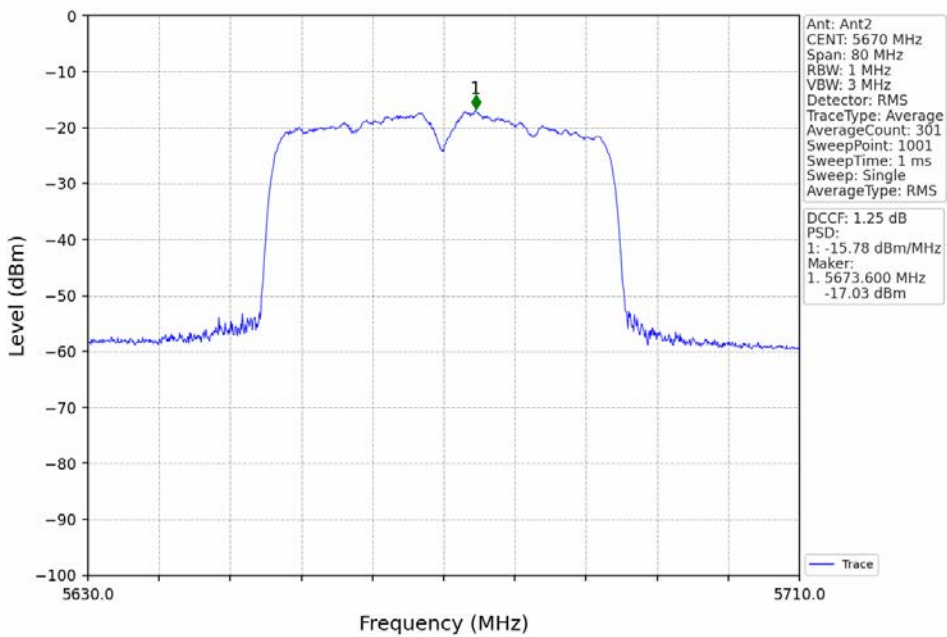
802.11ax(HEW40)_MCH_5550MHz_RU484_Left_Ant2_NTNV



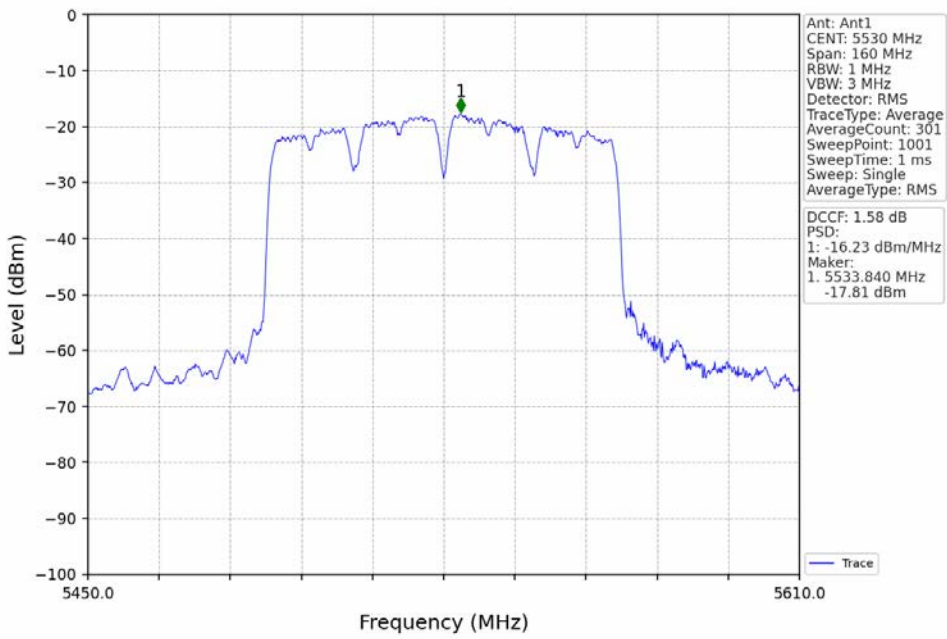
802.11ax(HEW40)_HCH_5670MHz_RU484_Left_Ant1_NTNV



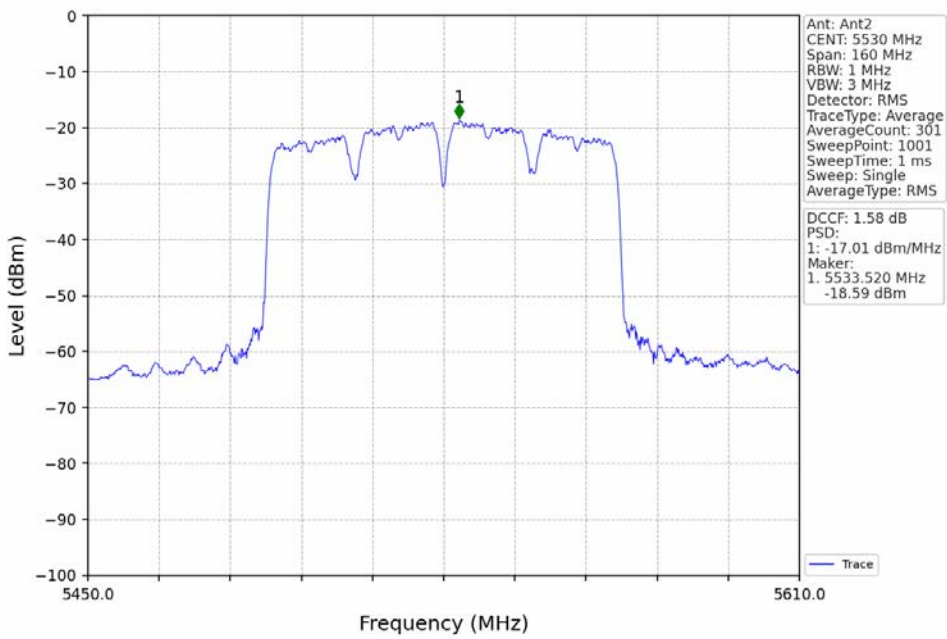
802.11ax(HEW40)_HCH_5670MHz_RU484_Left_Ant2_NTNV



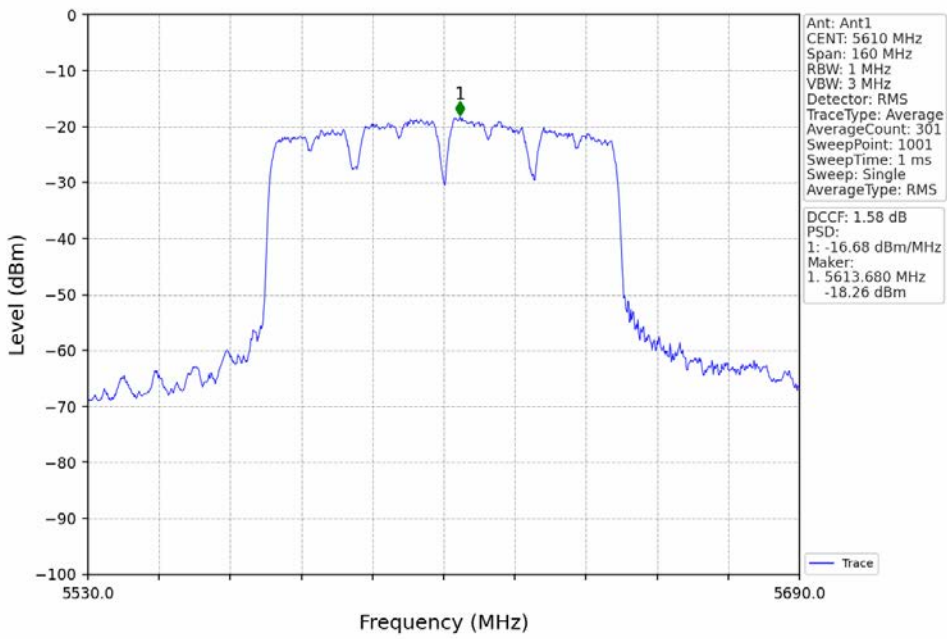
802.11ax(HEW80)_LCH_5530MHz_RU996_Left_Ant1_NTNV



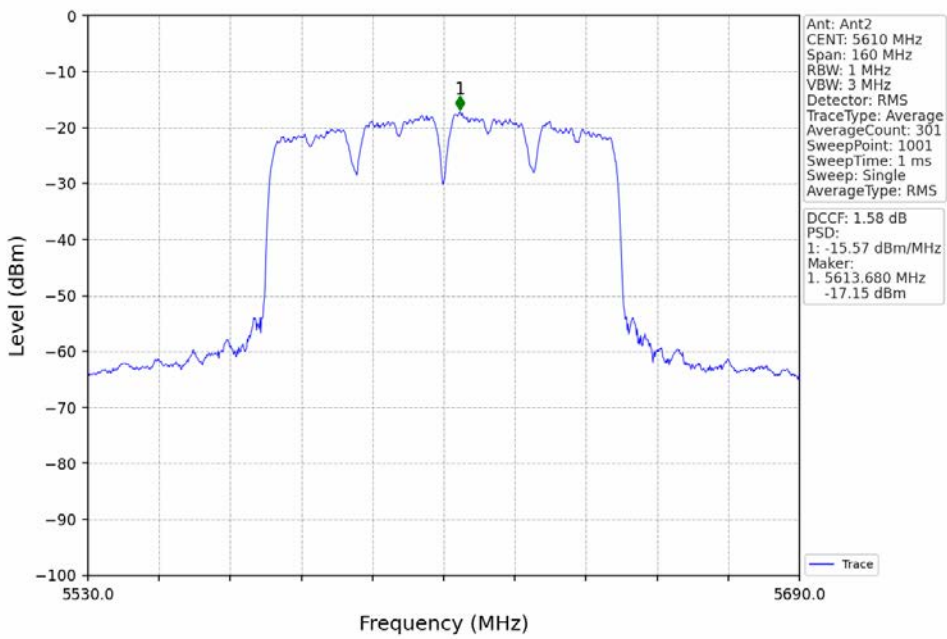
802.11ax(HEW80)_LCH_5530MHz_RU996_Left_Ant2_NTNV



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

Mode	TX Type	Frequency (MHz)	Temperature (°C)	Ant1			Verdict	
				Voltage (VAC)	Measured Frequency (MHz)	Limit (MHz)		
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
					120	5499.780	5470 to 5725	Pass
				-10	120	5499.780	5470 to 5725	Pass
					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
					120	5579.777	5470 to 5725	Pass
				-10	120	5579.777	5470 to 5725	Pass
					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
					120	5699.772	5470 to 5725	Pass
				-10	120	5699.772	5470 to 5725	Pass
					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
					120	5509.780	5470 to 5725	Pass
				-10	120	5509.780	5470 to 5725	Pass
					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		
			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
			-20	120	5669.773	5470 to 5725	Pass
			-10	120	5669.774	5470 to 5725	Pass
			0	120	5669.773	5470 to 5725	Pass
			10	120	5669.773	5470 to 5725	Pass
			30	120	5669.773	5470 to 5725	Pass
			40	120	5669.773	5470 to 5725	Pass
		50	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
			-20	120	5529.778	5470 to 5725	Pass
			-10	120	5529.778	5470 to 5725	Pass
			0	120	5529.778	5470 to 5725	Pass
			10	120	5529.778	5470 to 5725	Pass
			30	120	5529.778	5470 to 5725	Pass
			40	120	5529.778	5470 to 5725	Pass
		50	120	5529.778	5470 to 5725	Pass	
		5610	20	102	5609.776	5470 to 5725	Pass
				120	5609.776	5470 to 5725	Pass
				138	5609.775	5470 to 5725	Pass
			-30	120	5609.775	5470 to 5725	Pass
			-20	120	5609.775	5470 to 5725	Pass
			-10	120	5609.775	5470 to 5725	Pass
			0	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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