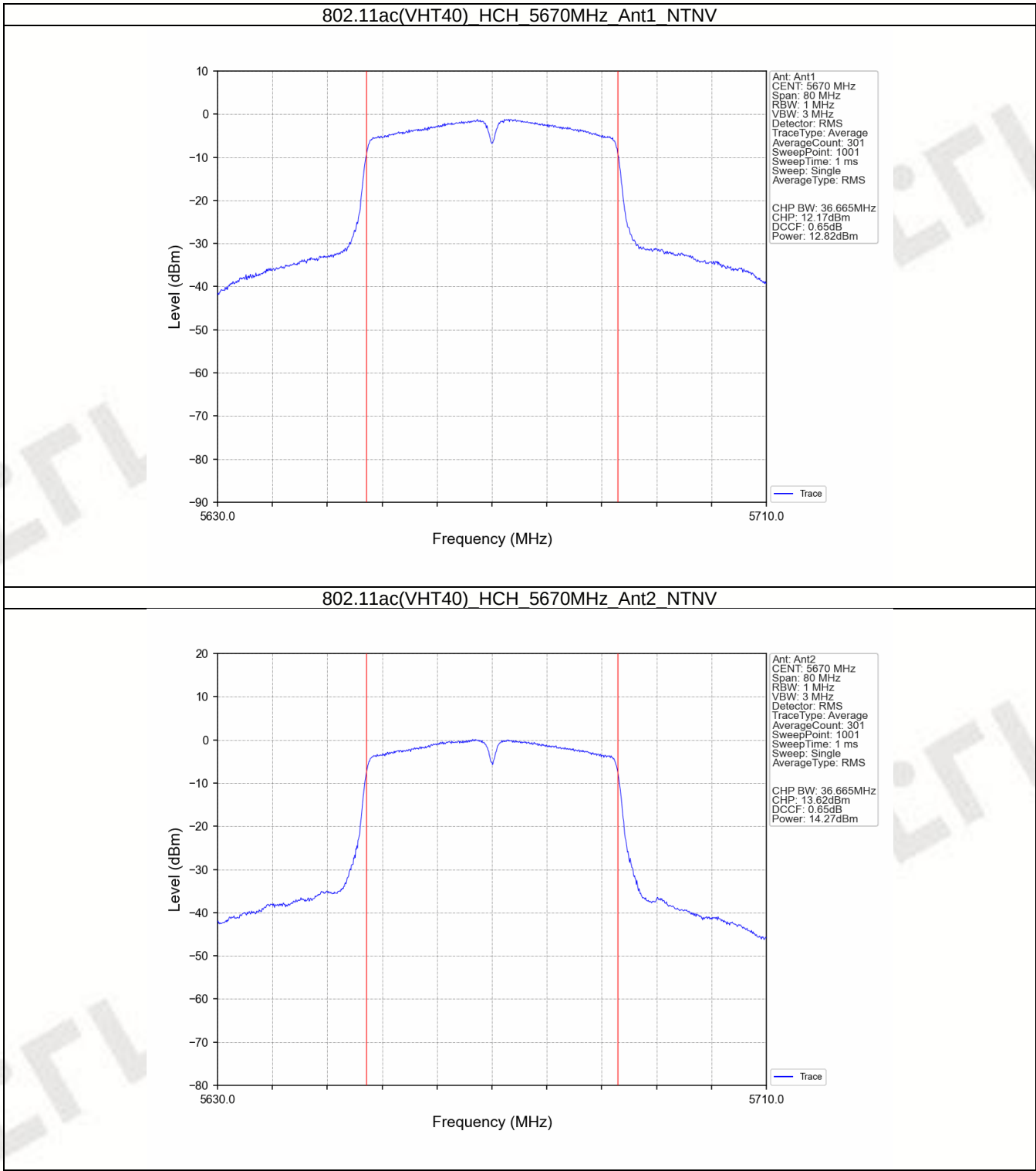
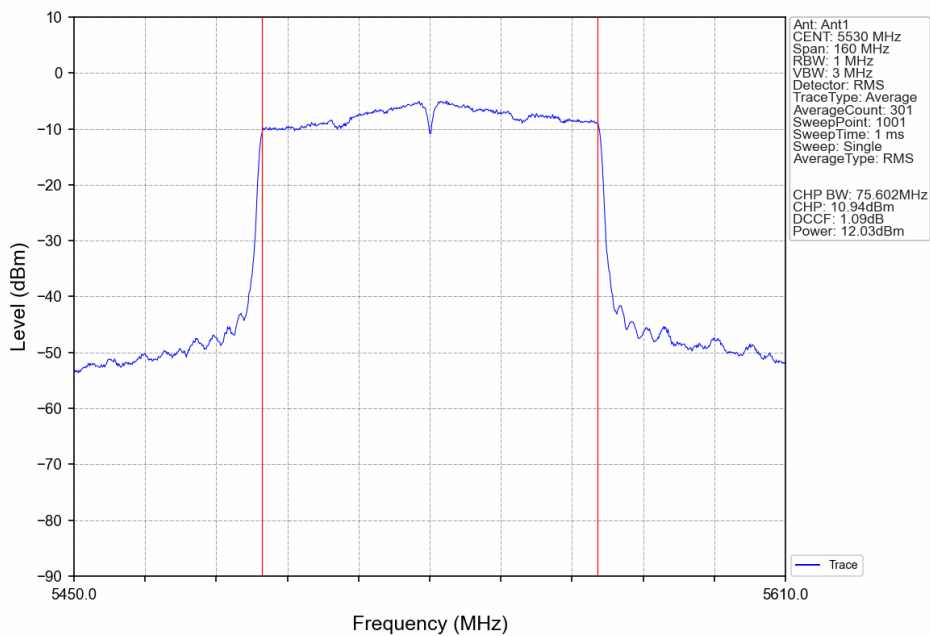


FCCID: 2AYHD-SR01

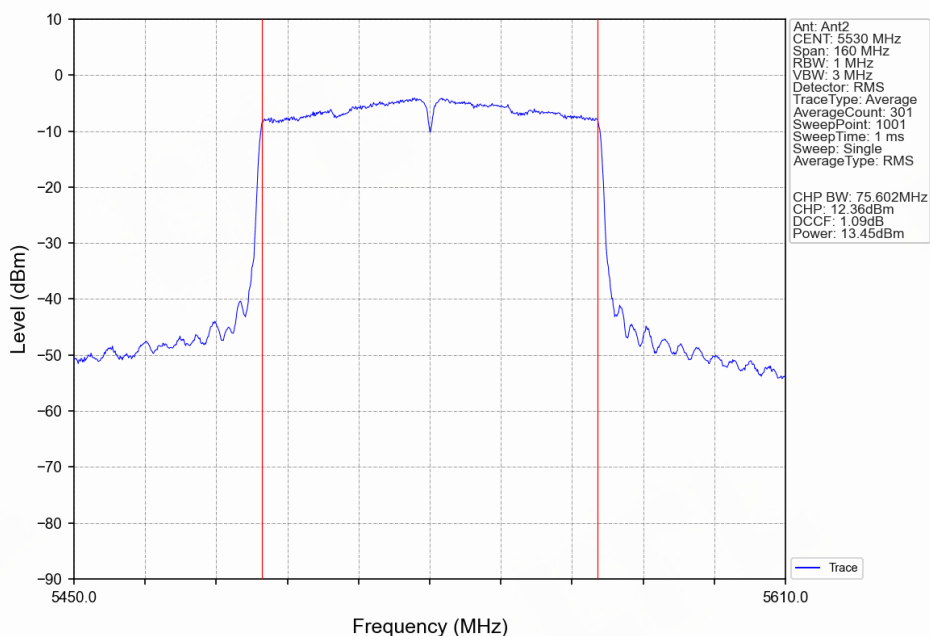


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802.11ac(VHT80) LCH 5530MHz Ant1 NTNV

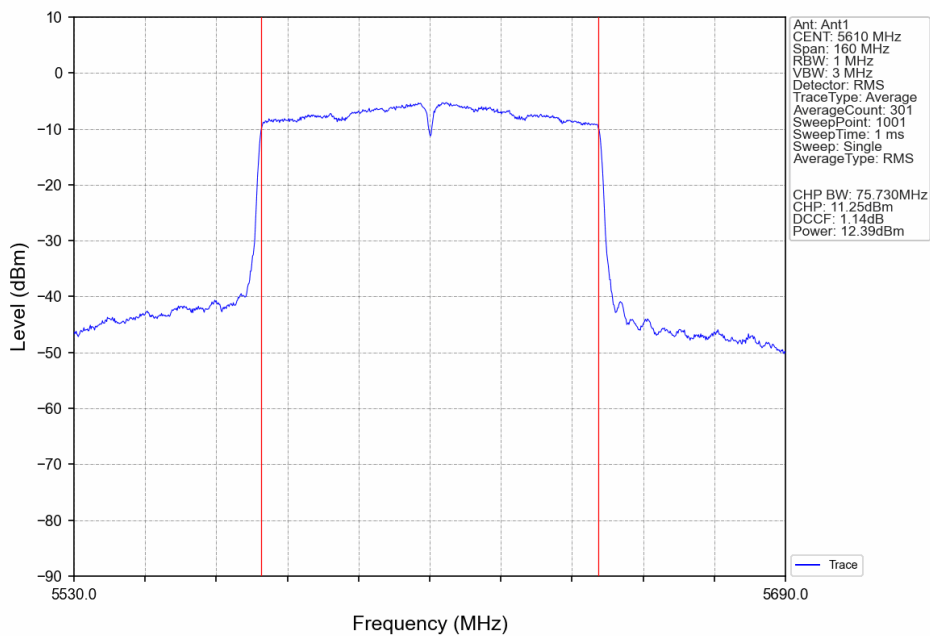


802.11ac(VHT80) LCH 5530MHz Ant2 NTNV

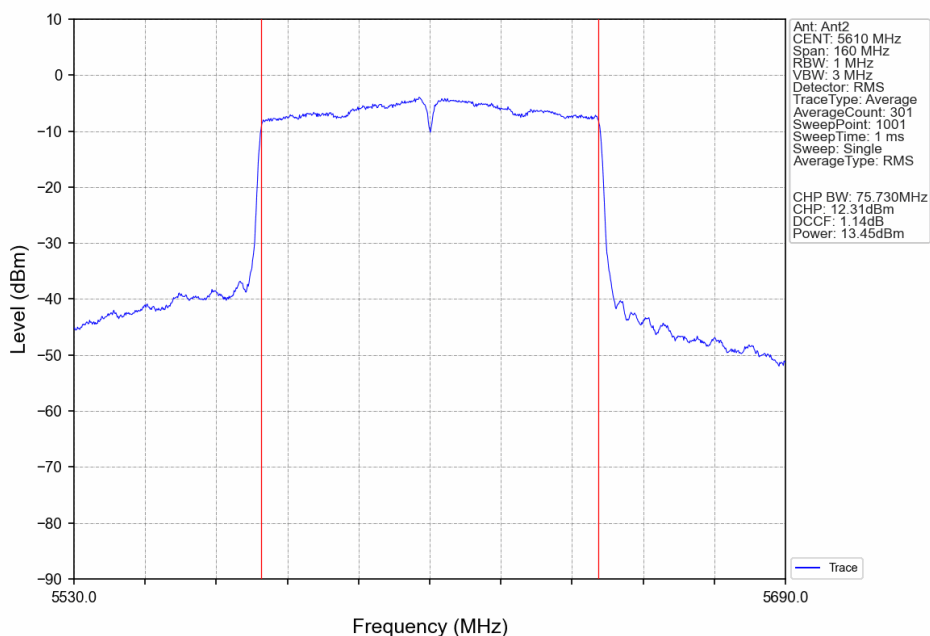


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802.11ac(VHT80) HCH 5610MHz Ant1 NTN

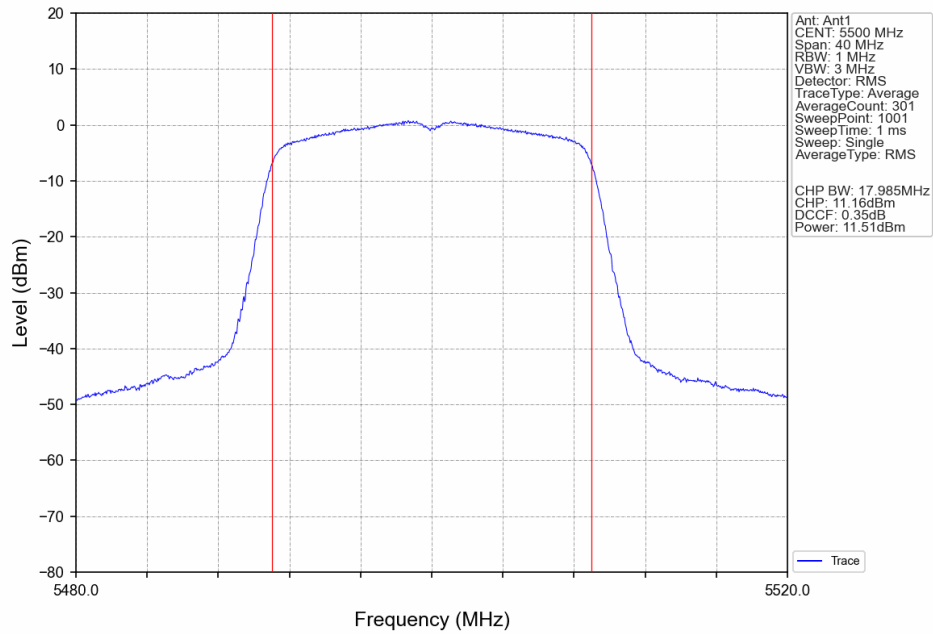


802.11ac(VHT80) HCH 5610MHz Ant2 NTN

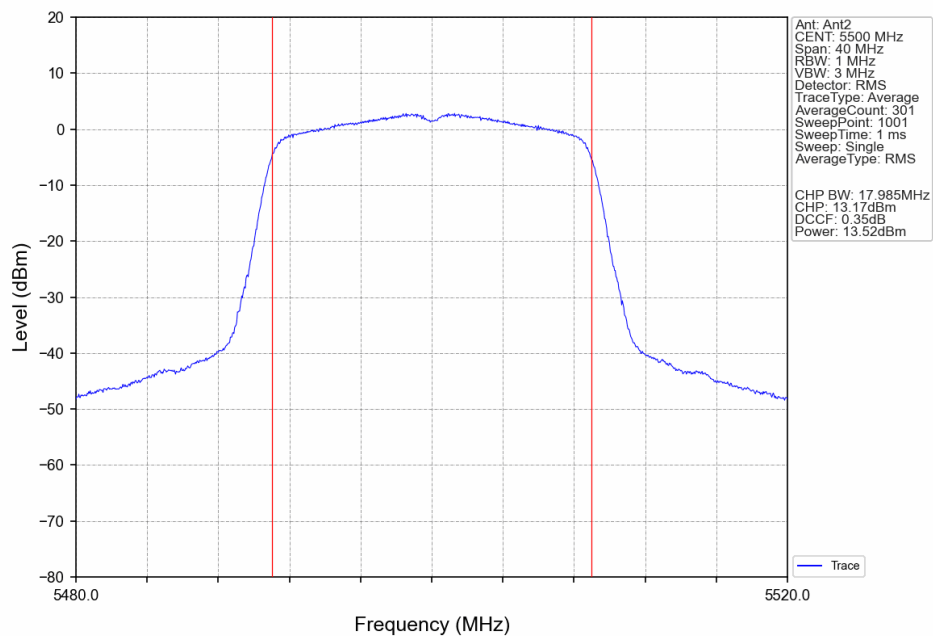


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802.11ac(VHT20) LCH 5500MHz Ant1 NTNV

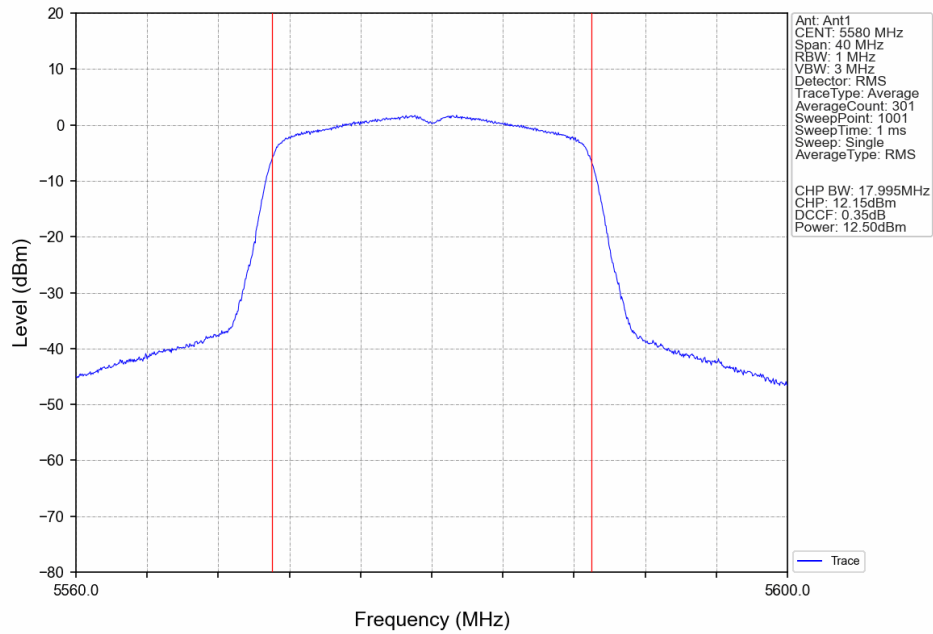


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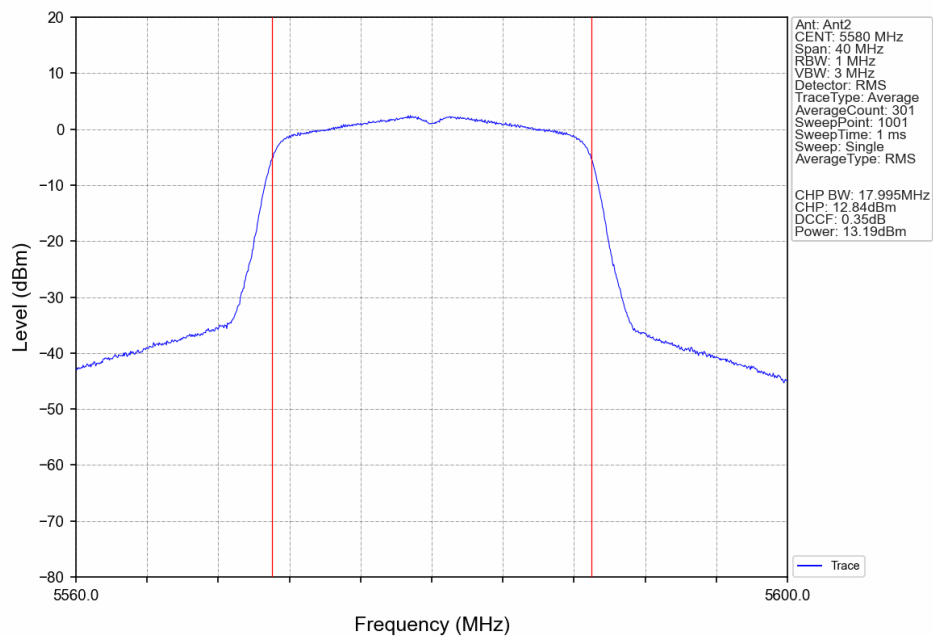


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802.11ac(VHT20) MCH 5580MHz Ant1 NTN

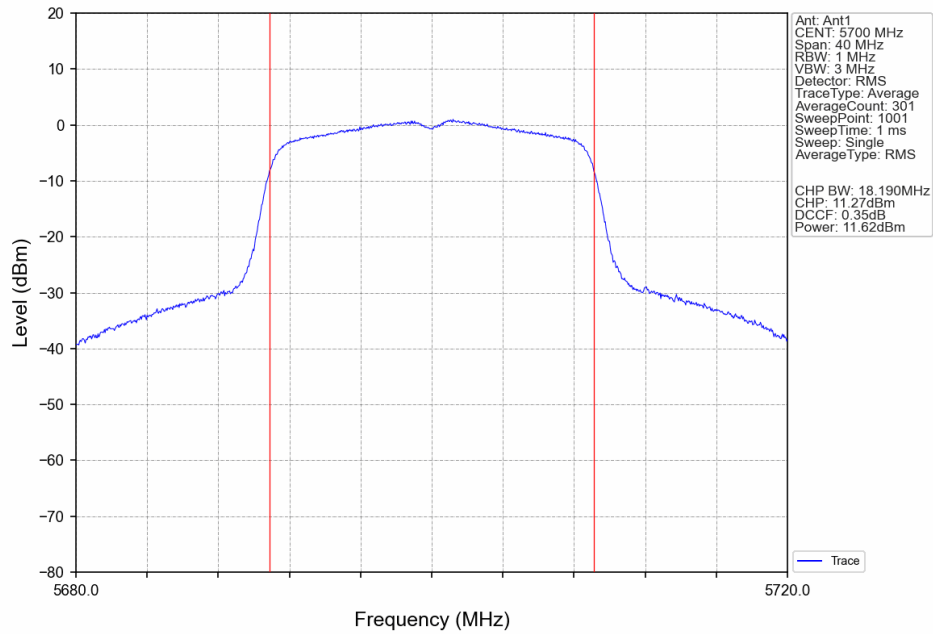


802.11ac(VHT20) MCH 5580MHz Ant2 NTN

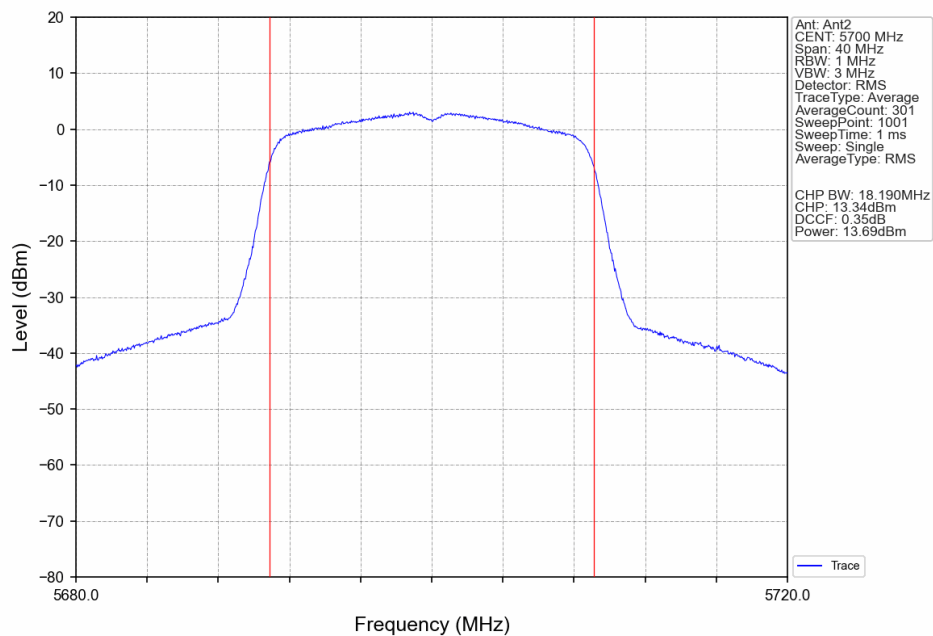


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802.11ac(VHT20) HCH 5700MHz Ant1 NTN

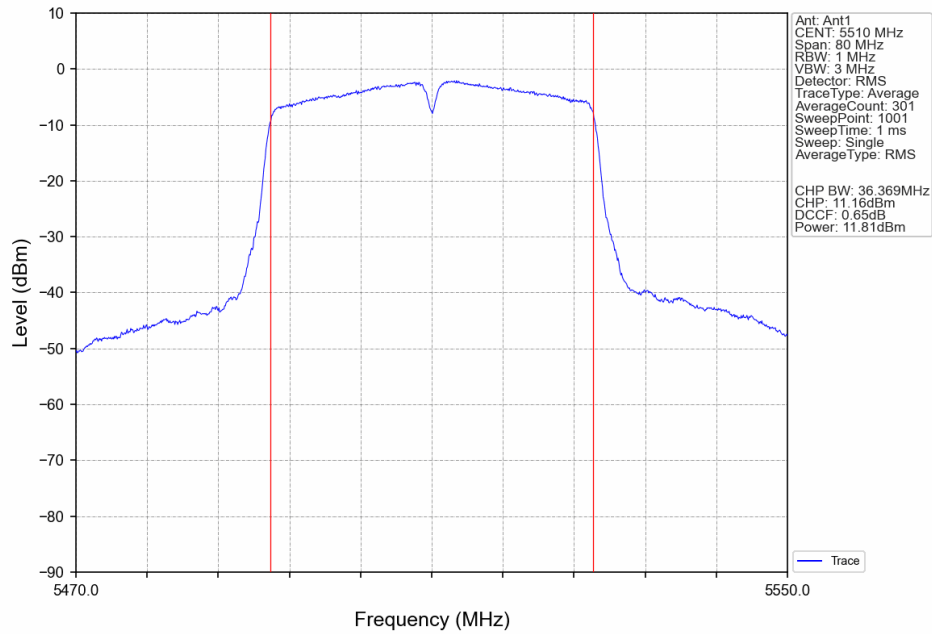


802.11ac(VHT20) HCH 5700MHz Ant2 NTN

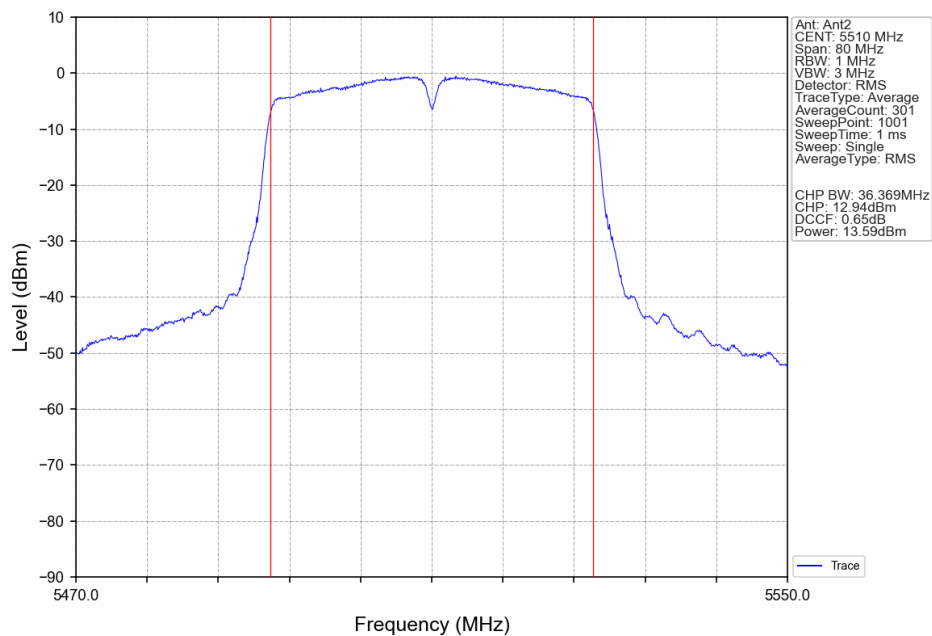


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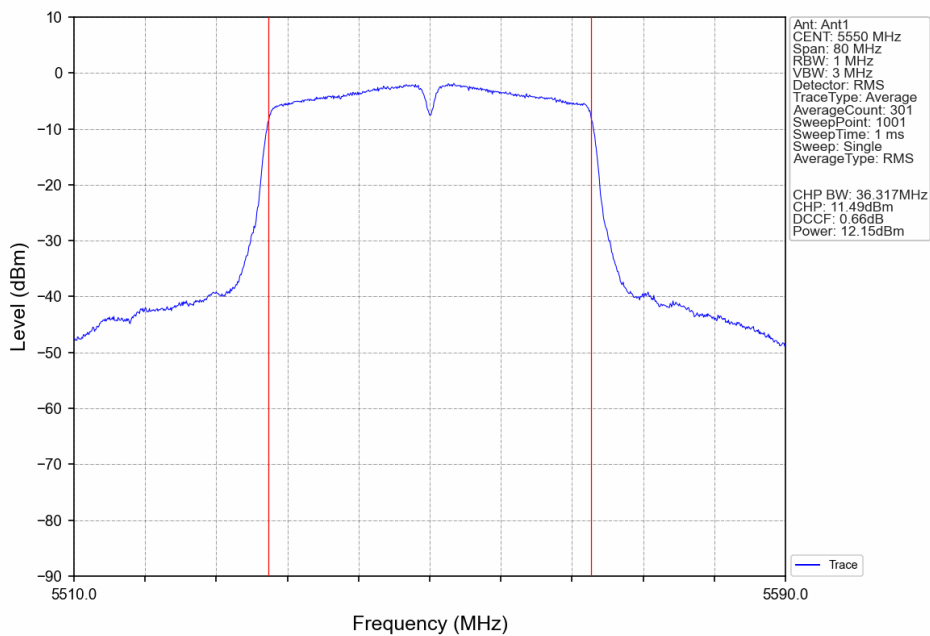


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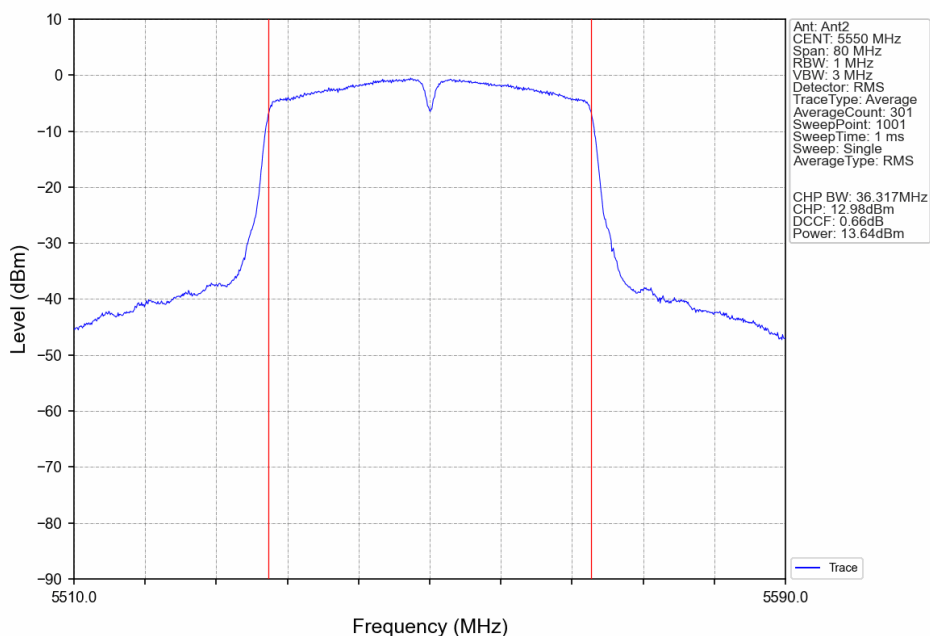


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802.11ac(VHT40) MCH 5550MHz Ant1 NTN

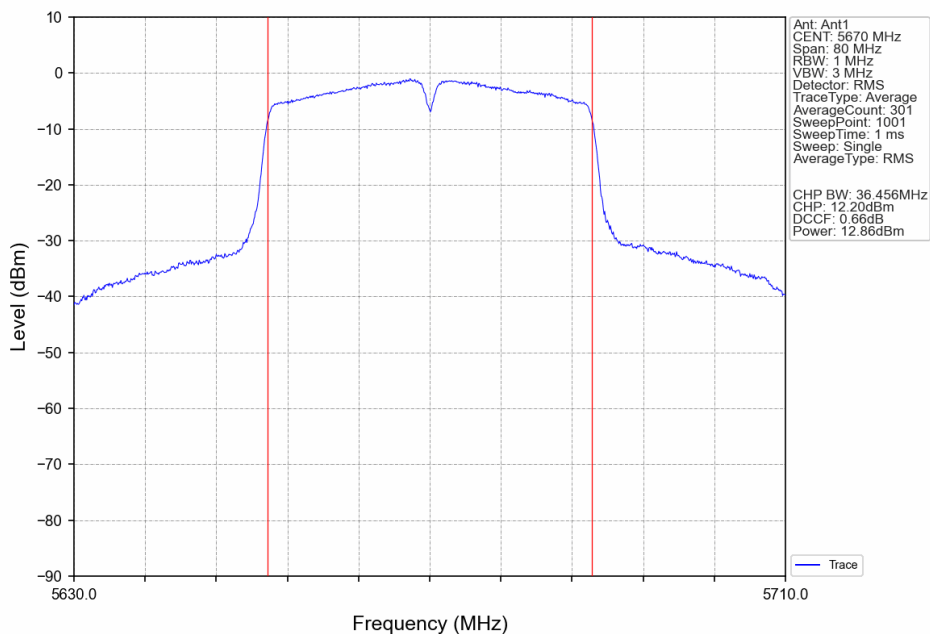


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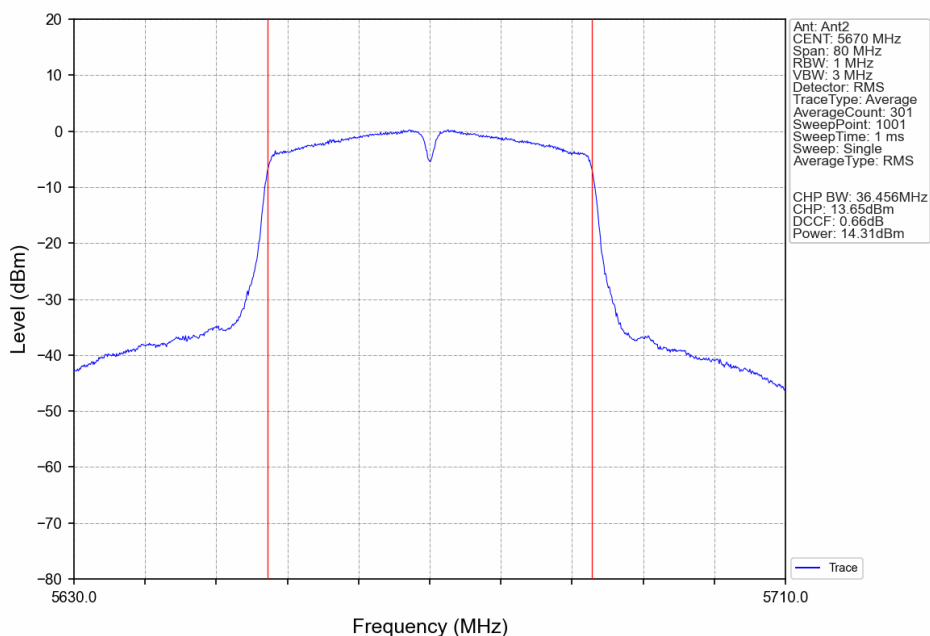


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802.11ac(VHT40) HCH 5670MHz Ant1 NTN

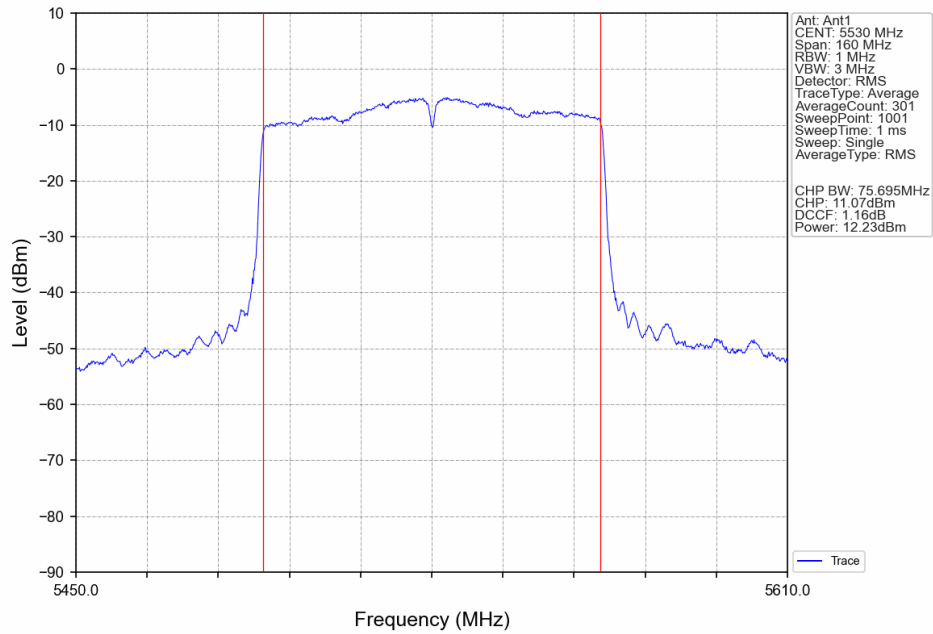


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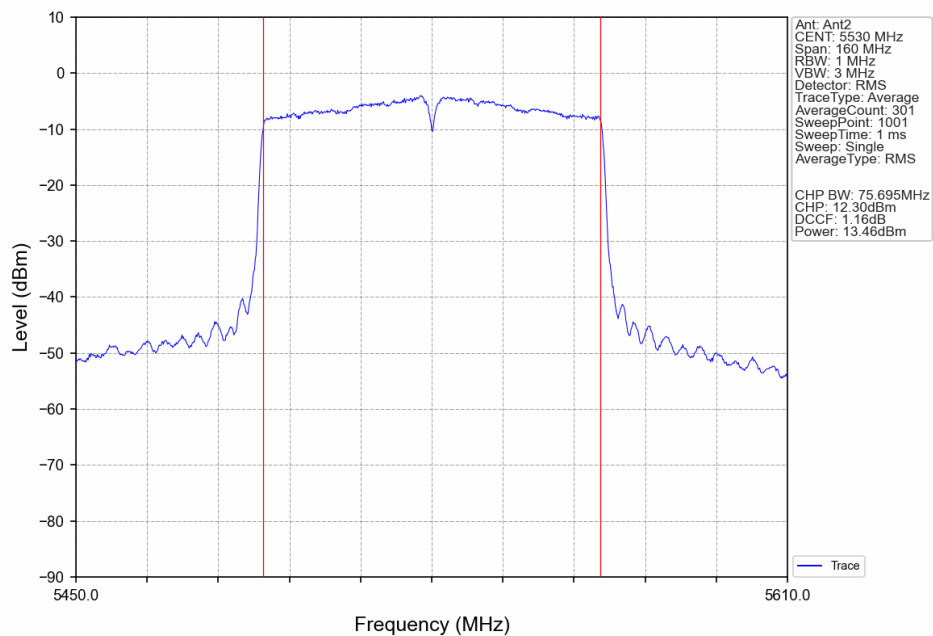


FCCID: 2AYHD-SR01

802.11ac(VHT80) LCH 5530MHz Ant1 NTNV

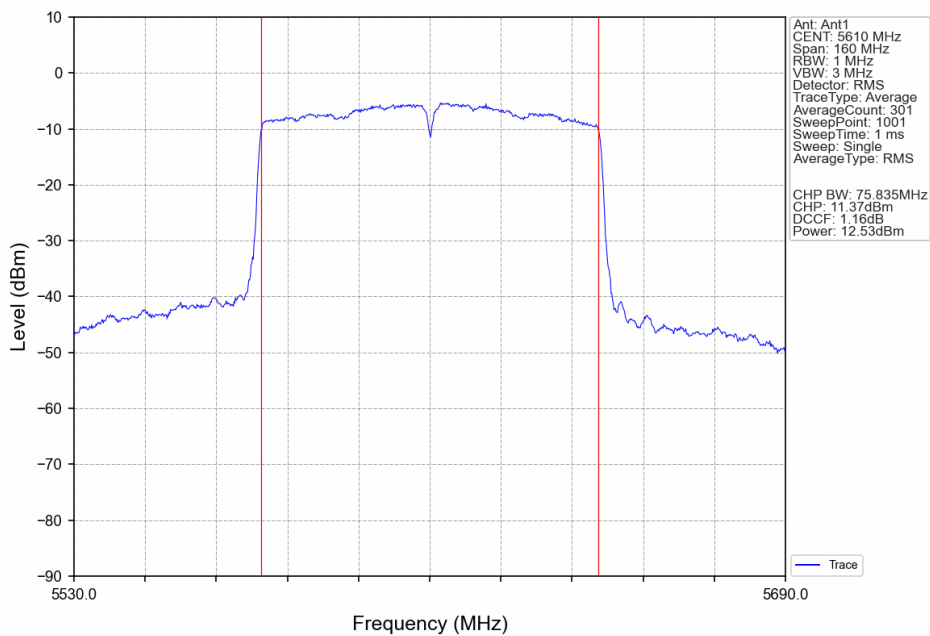


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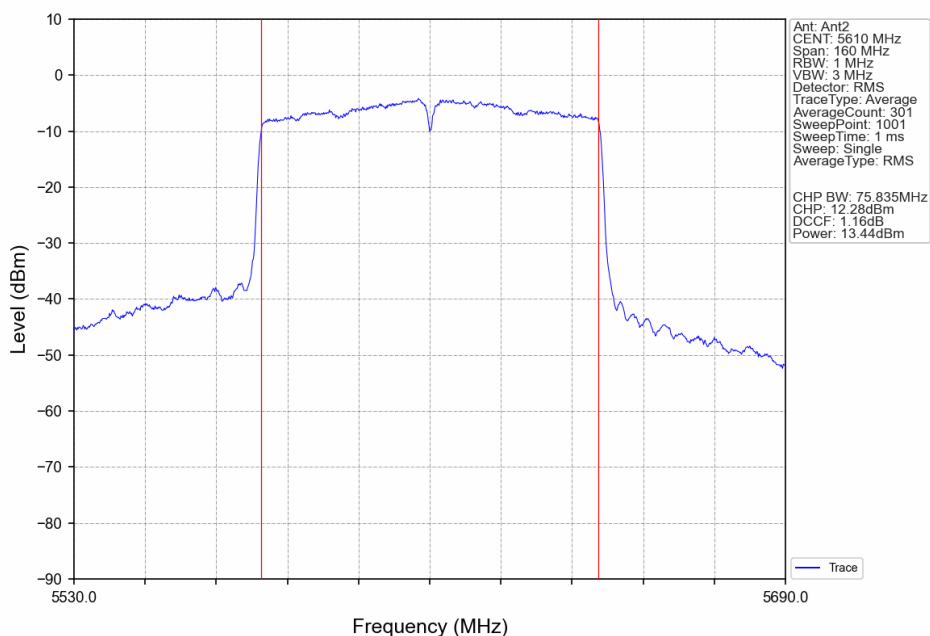


FCCID: 2AYHD-SR01

802.11ac(VHT80) HCH 5610MHz Ant1 NTN



802.11ac(VHT80) HCH 5610MHz Ant2 NTN



FCCID: 2AYHD-SR01

4. Maximum Power Spectral Density

4.1 Test Result

4.1.1 PSD

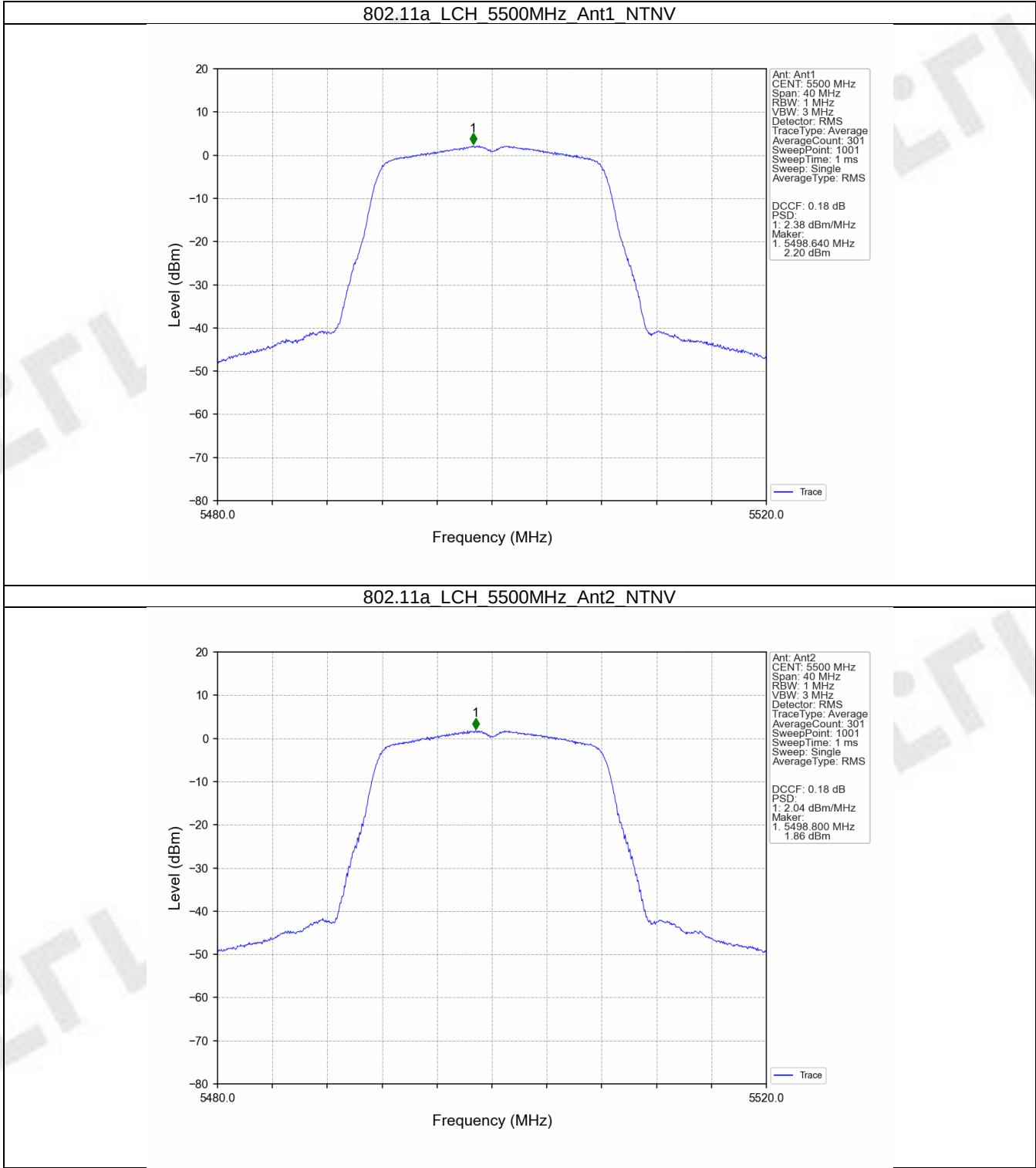
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)				Verdict
			ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5500	2.38	2.04	/	<=11	Pass
		5580	3.20	1.62	/	<=11	Pass
		5700	2.34	2.10	/	<=11	Pass
802.11n (HT20)	SISO	5500	1.04	3.11	/	<=11	Pass
		5580	2.14	2.86	/	<=11	Pass
		5700	1.08	3.44	/	<=11	Pass
802.11n (HT40)	SISO	5510	-1.65	-1.11	/	<=11	Pass
		5550	-1.49	-1.28	/	<=11	Pass
		5670	-0.69	-0.55	/	<=11	Pass
802.11n (HT20)	MIMO	5500	1.10	3.19	5.23	<=8.36	Pass
		5580	2.11	3.07	5.55	<=8.36	Pass
		5700	1.31	3.57	5.55	<=8.36	Pass
802.11n (HT40)	MIMO	5510	-1.60	-1.12	1.52	<=8.36	Pass
		5550	-1.46	-1.30	1.56	<=8.36	Pass
		5670	-0.37	-0.43	2.61	<=8.36	Pass
802.11ac (VHT20)	SISO	5500	1.15	3.05	/	<=11	Pass
		5580	1.84	2.73	/	<=11	Pass
		5700	1.34	3.23	/	<=11	Pass
802.11ac (VHT40)	SISO	5510	-1.77	0.12	/	<=11	Pass
		5550	-1.53	0.35	/	<=11	Pass
		5670	-0.50	0.86	/	<=11	Pass
802.11ac (VHT80)	SISO	5530	-3.94	-2.98	/	<=11	Pass
		5610	-4.25	-3.09	/	<=11	Pass
802.11ac (VHT20)	MIMO	5500	1.12	2.86	5.00	<=8.36	Pass
		5580	2.10	2.62	5.29	<=8.36	Pass
		5700	1.25	3.17	5.31	<=8.36	Pass
802.11ac (VHT40)	MIMO	5510	-1.70	0.27	2.30	<=8.36	Pass
		5550	-1.20	0.50	2.71	<=8.36	Pass
		5670	-0.50	1.09	3.29	<=8.36	Pass
802.11ac (VHT80)	MIMO	5530	-4.08	-2.83	-0.45	<=8.36	Pass
		5610	-3.86	-3.11	-0.49	<=8.36	Pass

Note1: Antenna Gain: Ant1: 5.63dBi; Ant2: 5.57dBi;
Note2: Directional Gain: Band2C: 8.64dBi

FCCID: 2AYHD-SR01

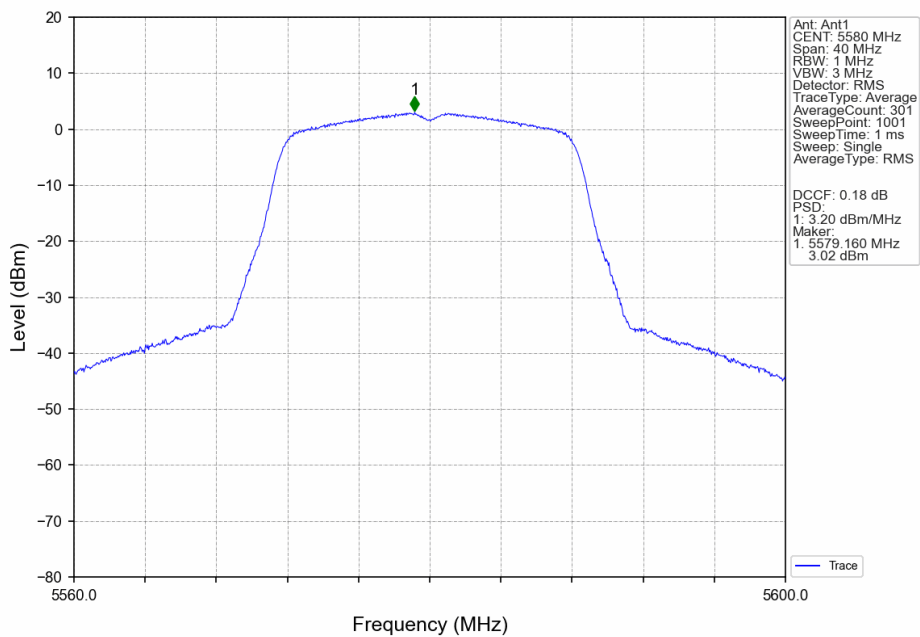
4.2 Test Graph

4.2.1 PSD

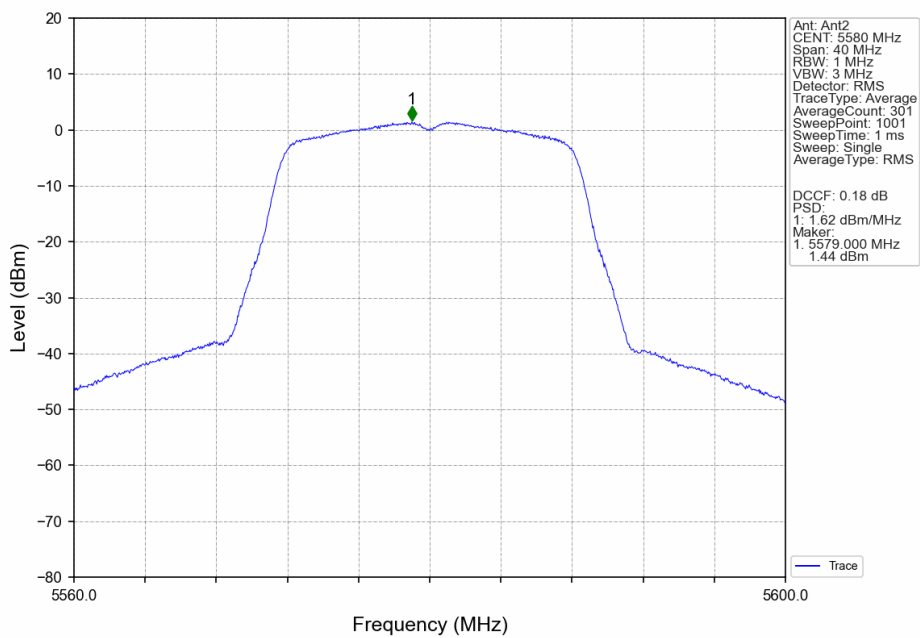


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802.11a_MCH_5580MHz_Ant1_NTNV

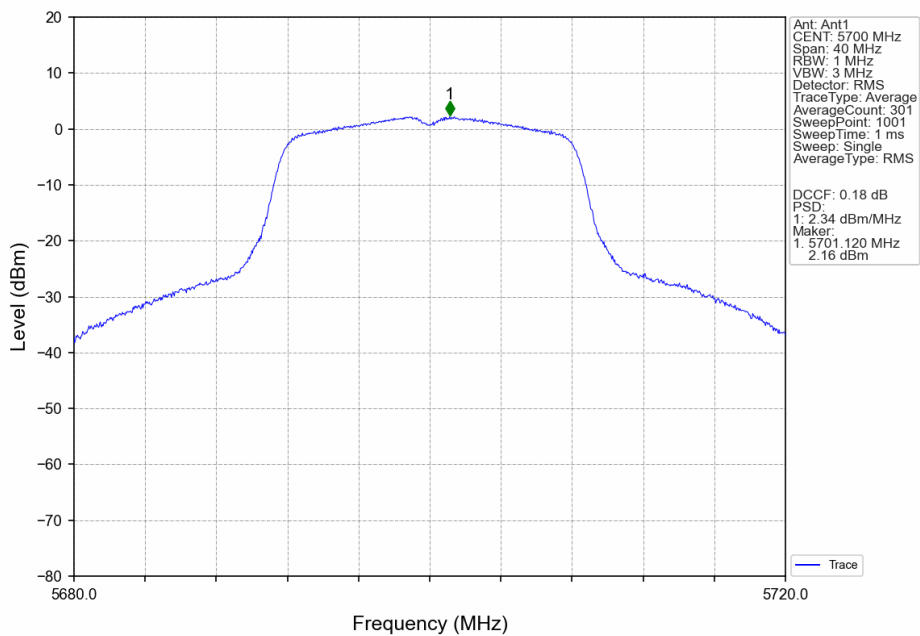


802.11a_MCH_5580MHz_Ant2_NTNV

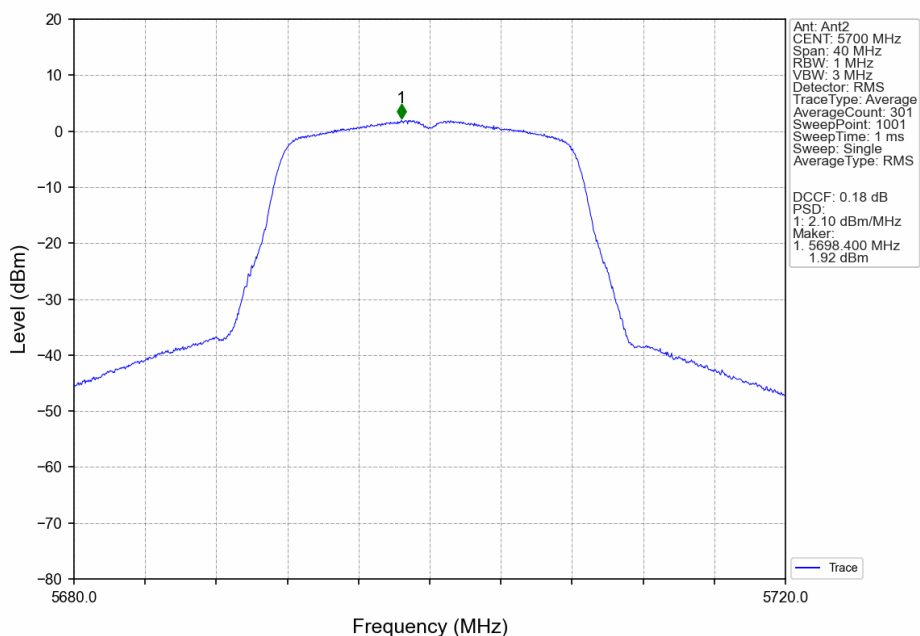


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802.11a HCH 5700MHz Ant1 NTN

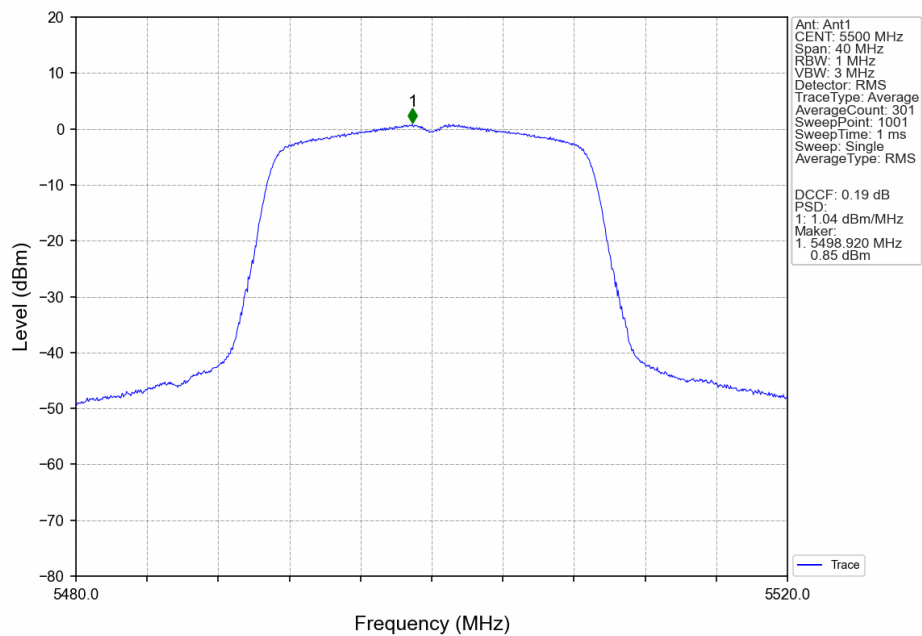


802.11a HCH 5700MHz Ant2 NTN

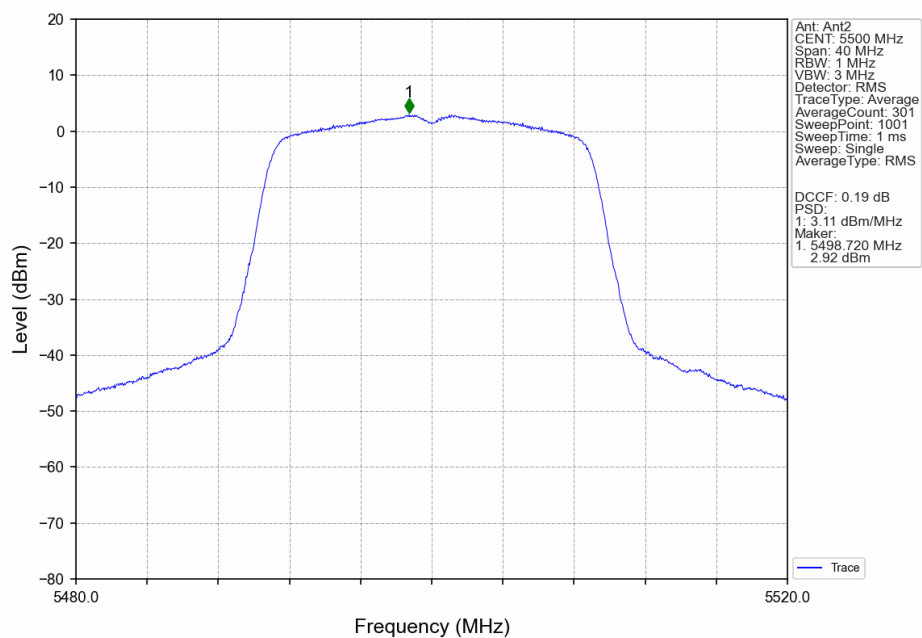


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802.11n(HT20) LCH 5500MHz Ant1 NTN

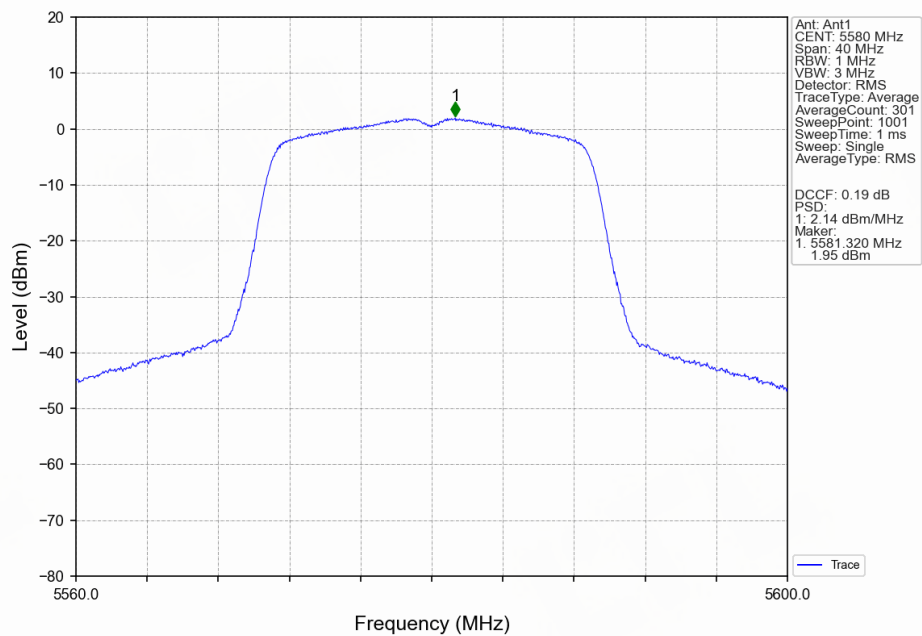


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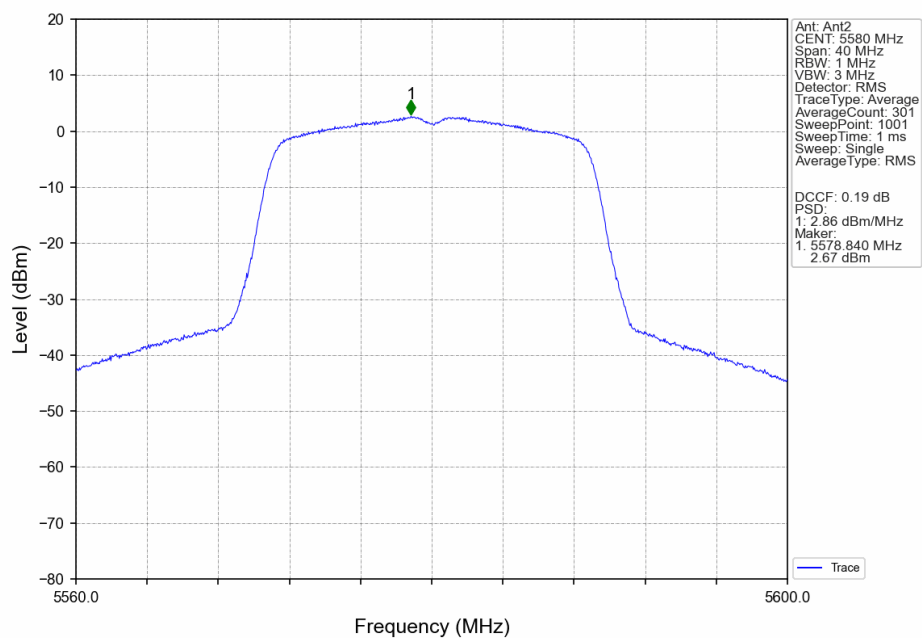


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802.11n(HT20) MCH 5580MHz Ant1 NTN

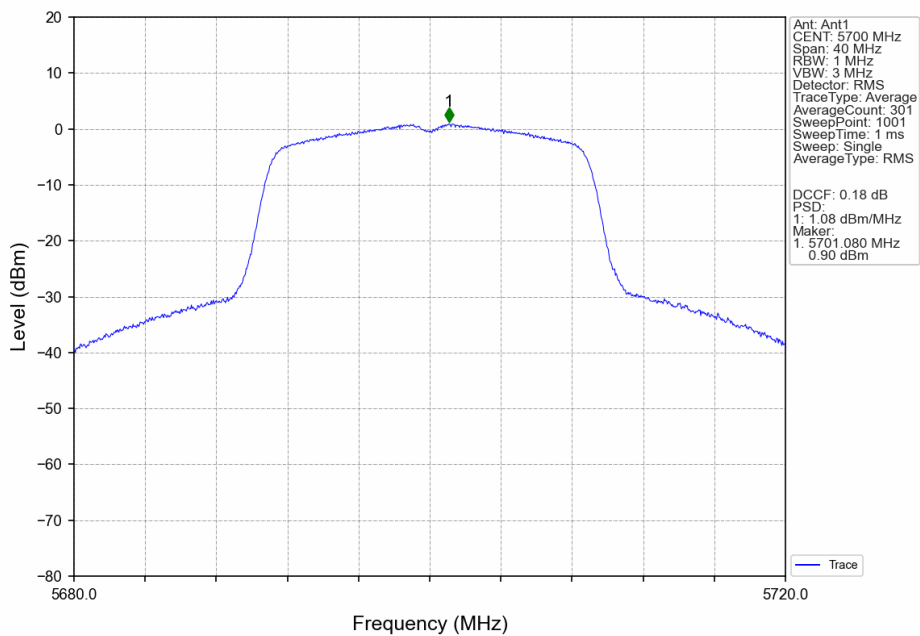


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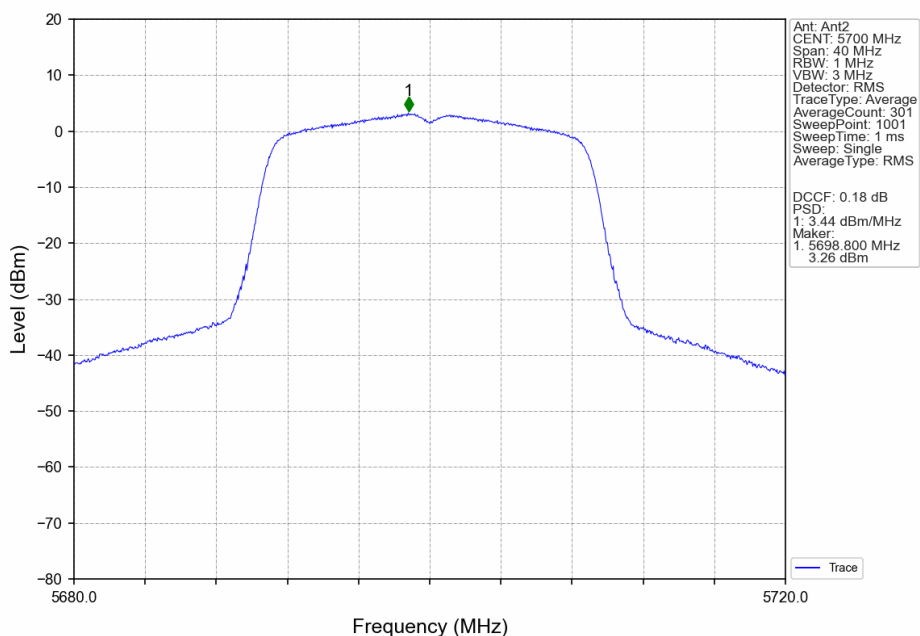


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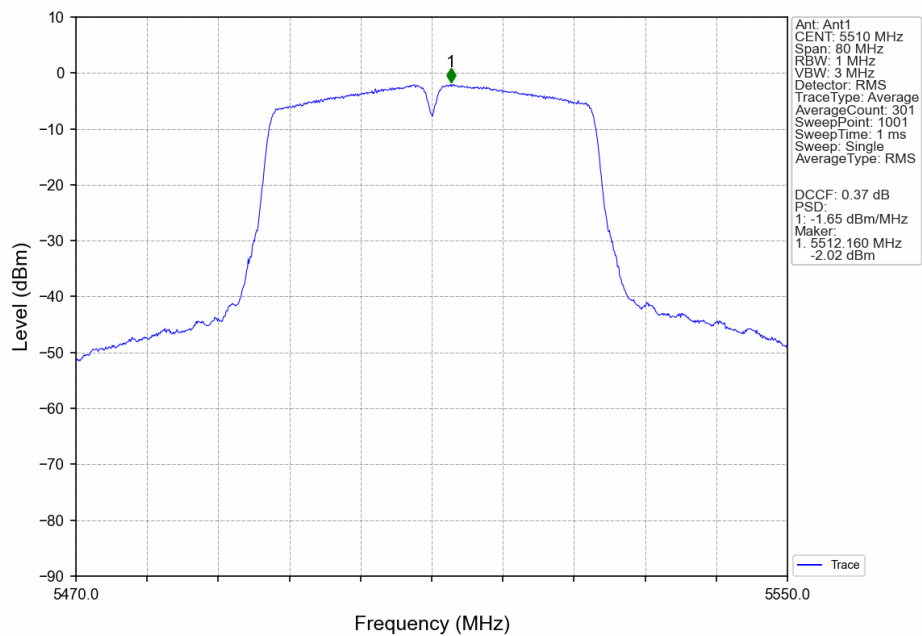


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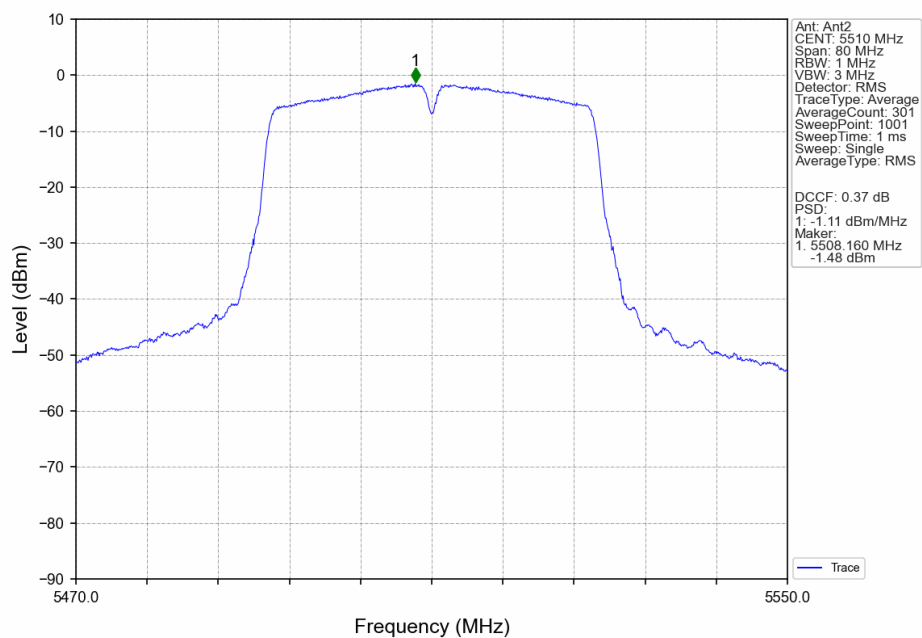


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802.11n(HT40) LCH 5510MHz Ant1 NTN

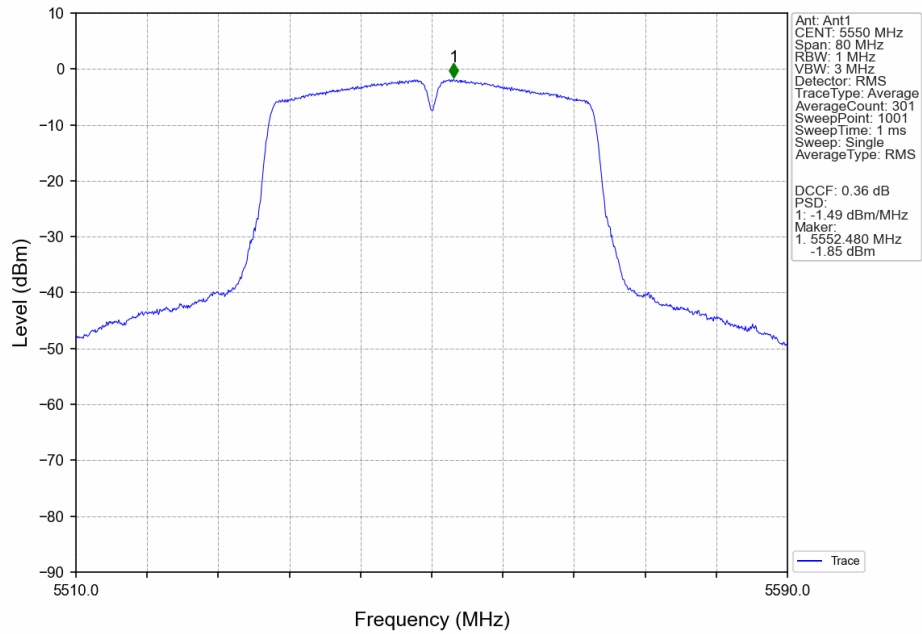


802.11n(HT40) LCH 5510MHz Ant2 NTN

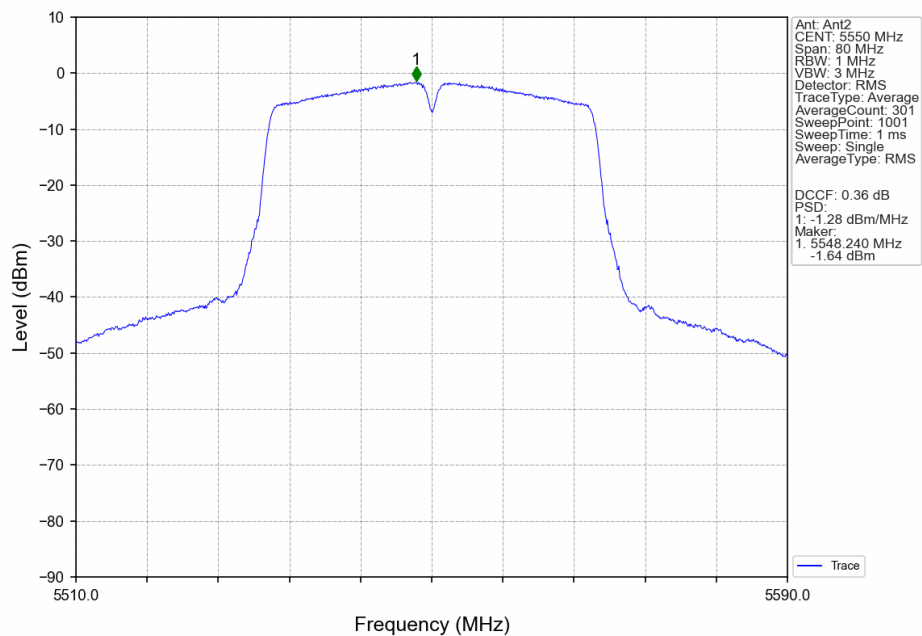


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802.11n(HT40) MCH 5550MHz Ant1 NTN

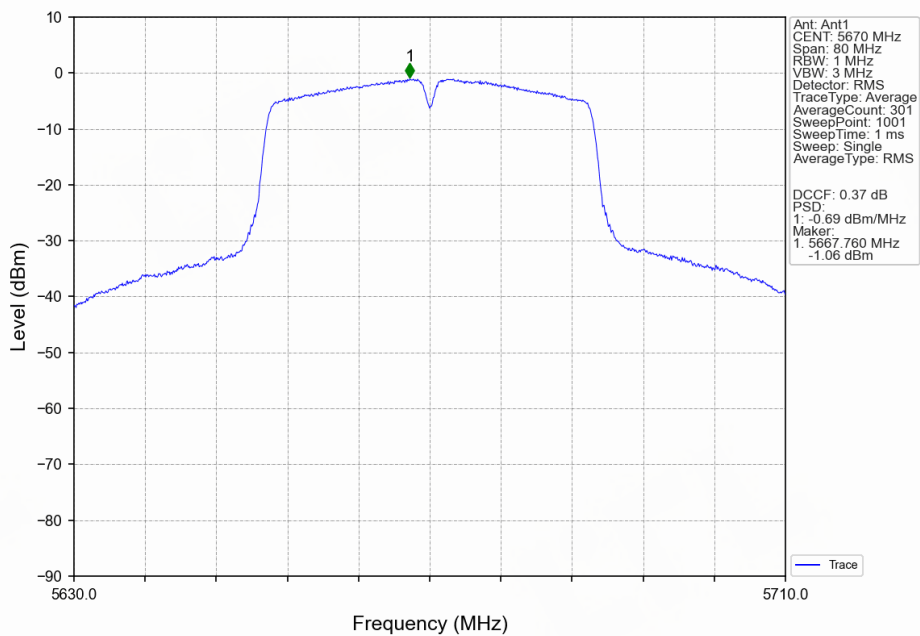


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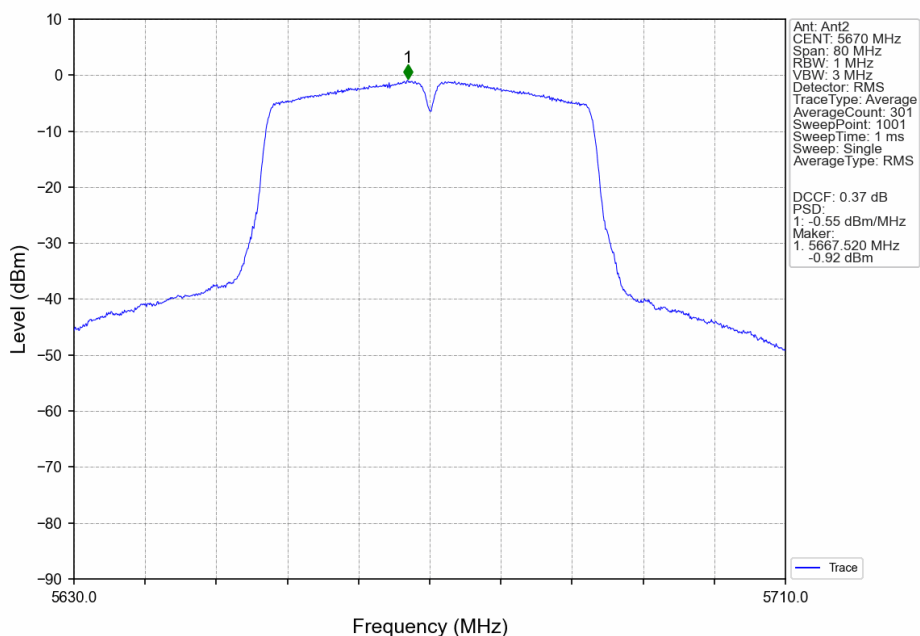


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802.11n(HT40) HCH 5670MHz Ant1 NTN

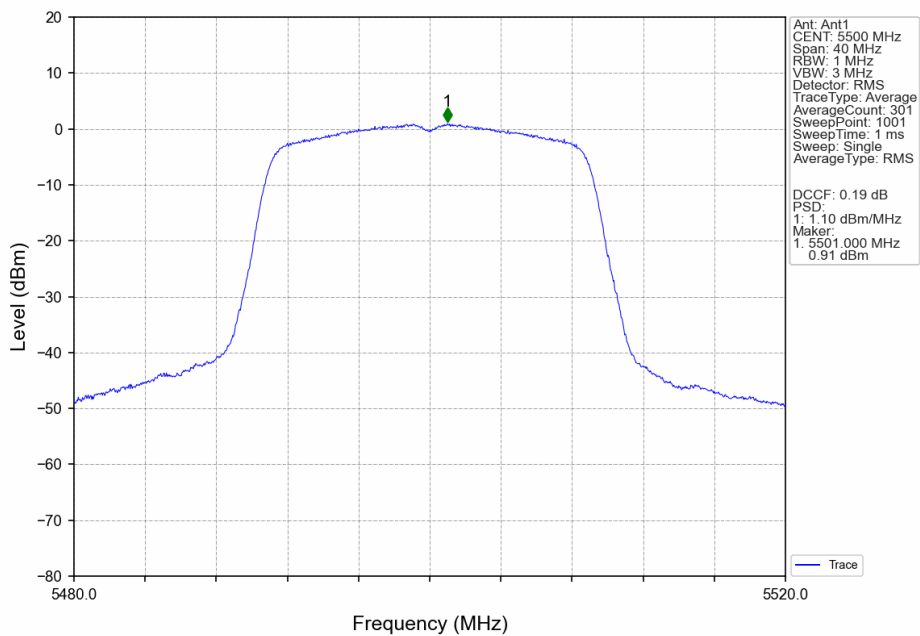


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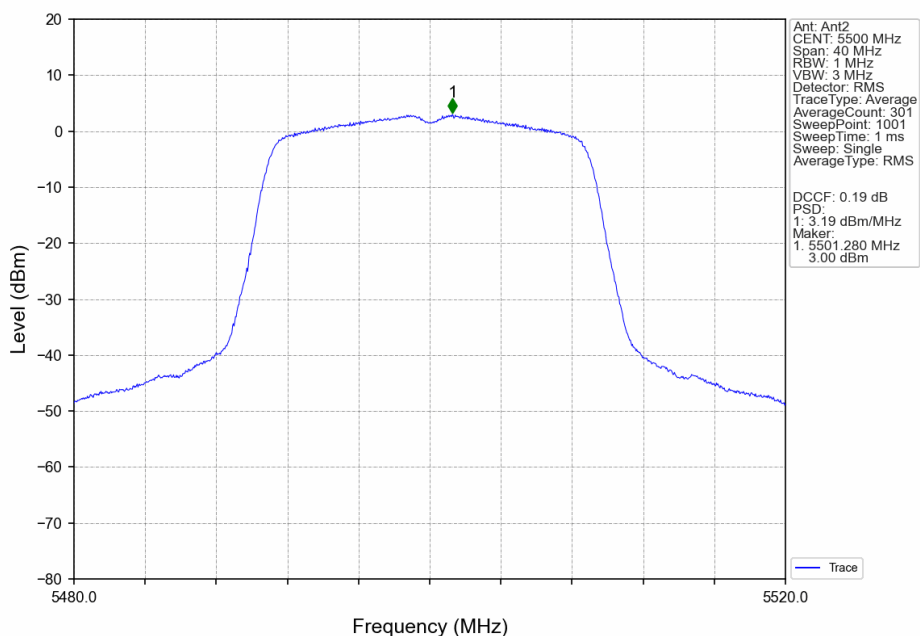


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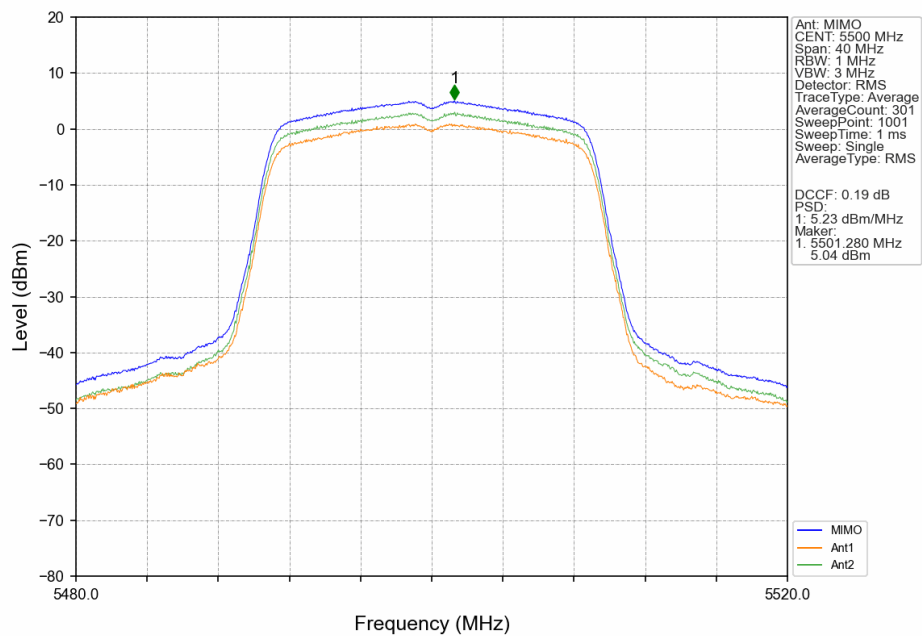


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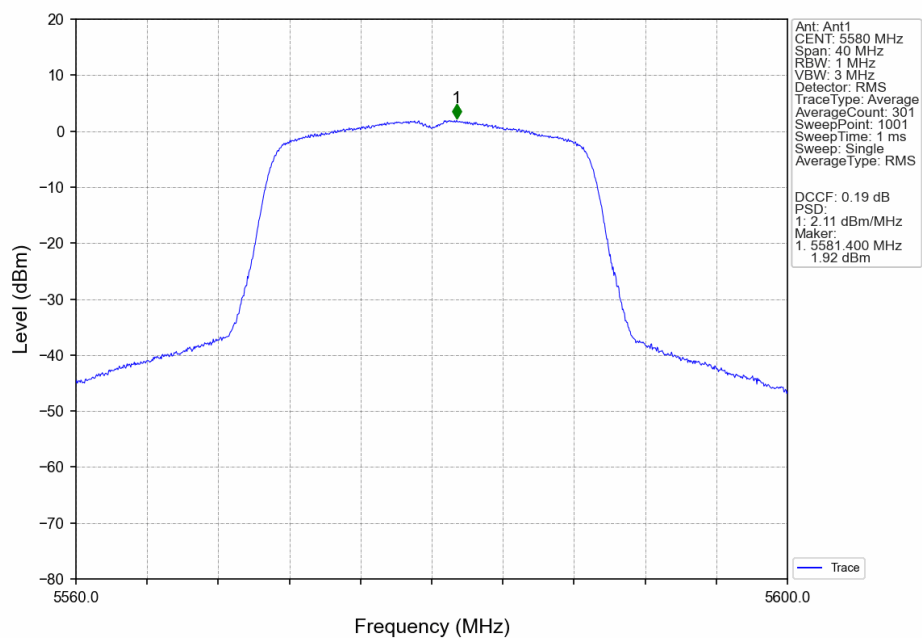


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802.11n(HT20) LCH 5500MHz MIMO NTN

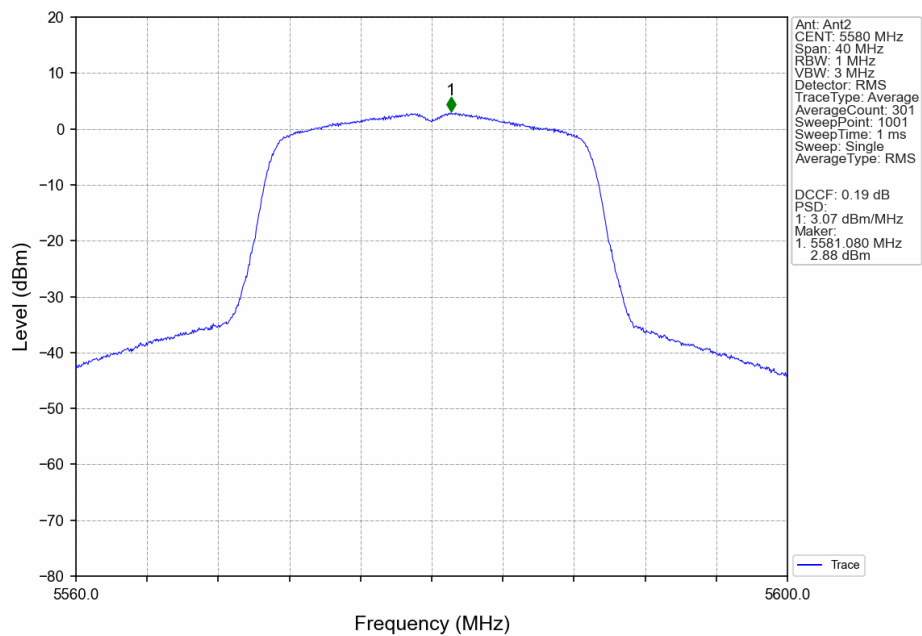


802.11n(HT20) MCH 5580MHz Ant1 NTN

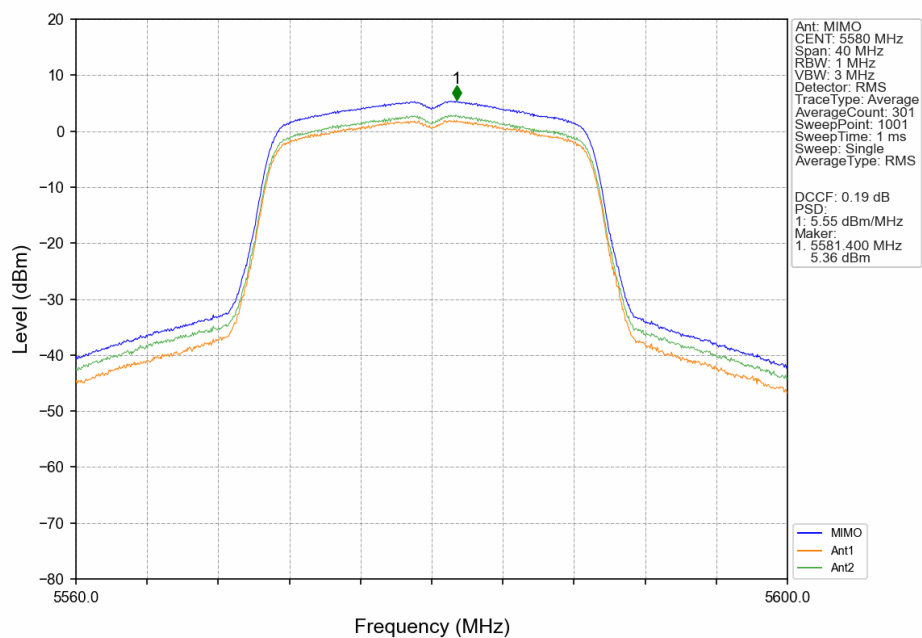


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802.11n(HT20) MCH 5580MHz Ant2 NTN

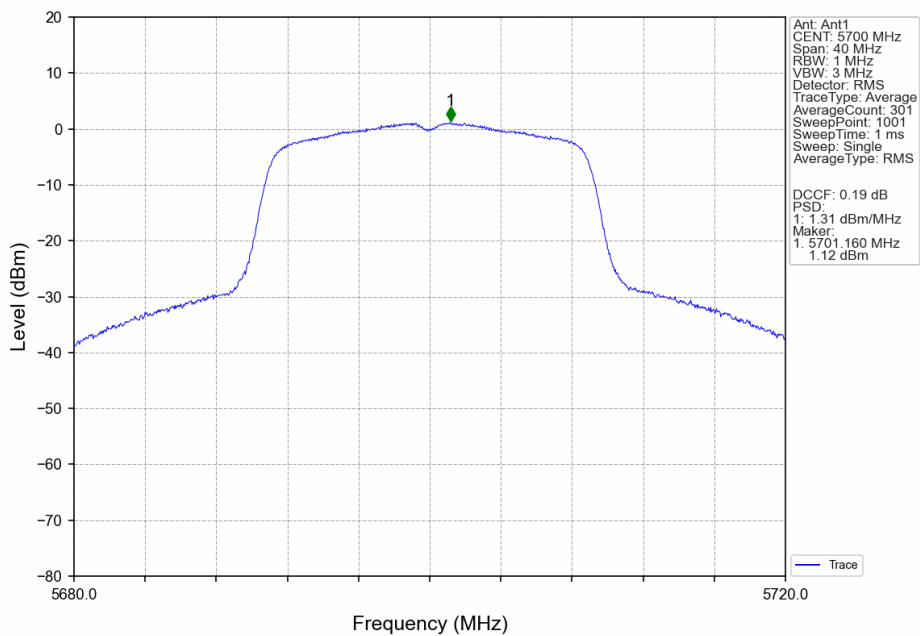


802.11n(HT20) MCH 5580MHz MIMO NTN

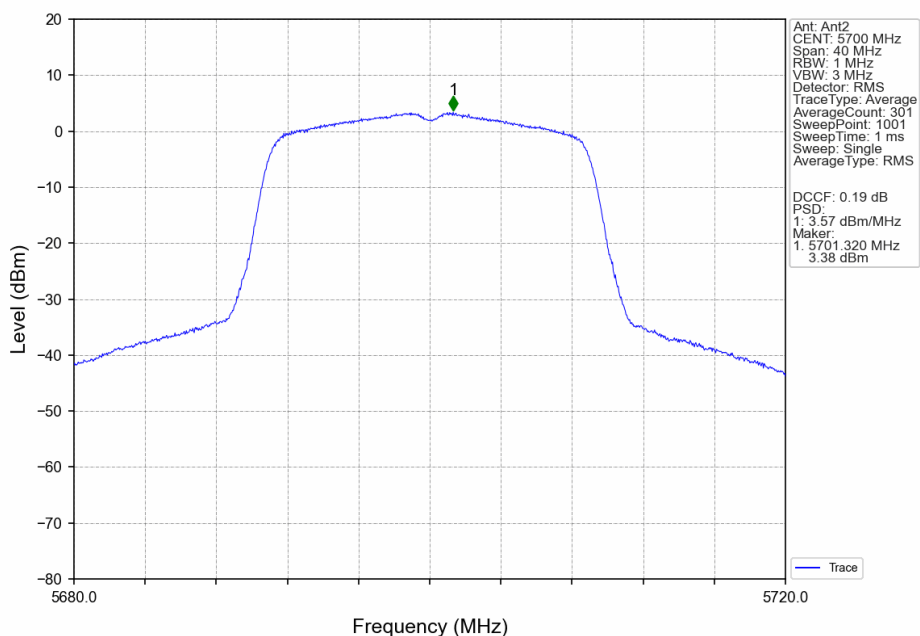


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802.11n(HT20) HCH 5700MHz Ant1 NTN

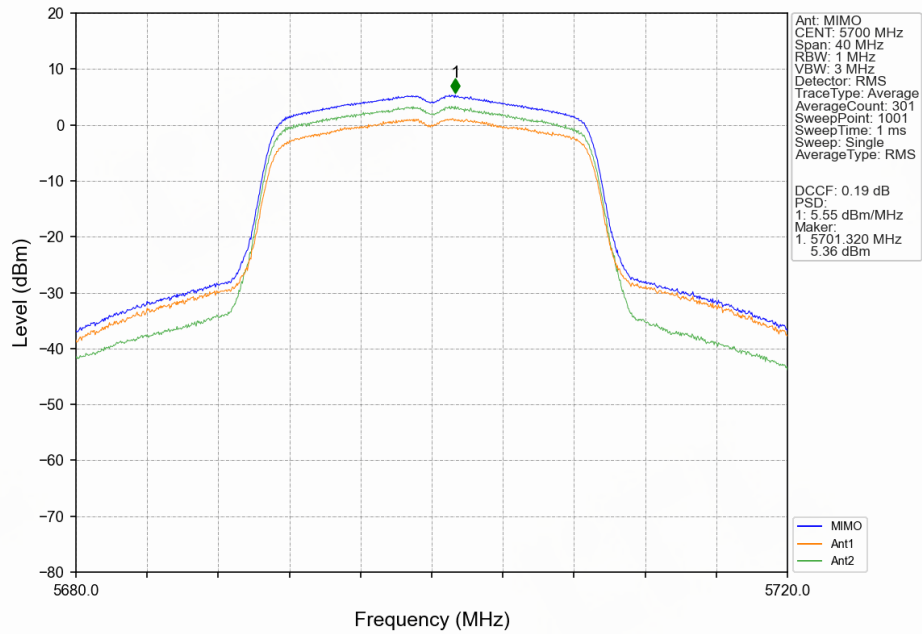


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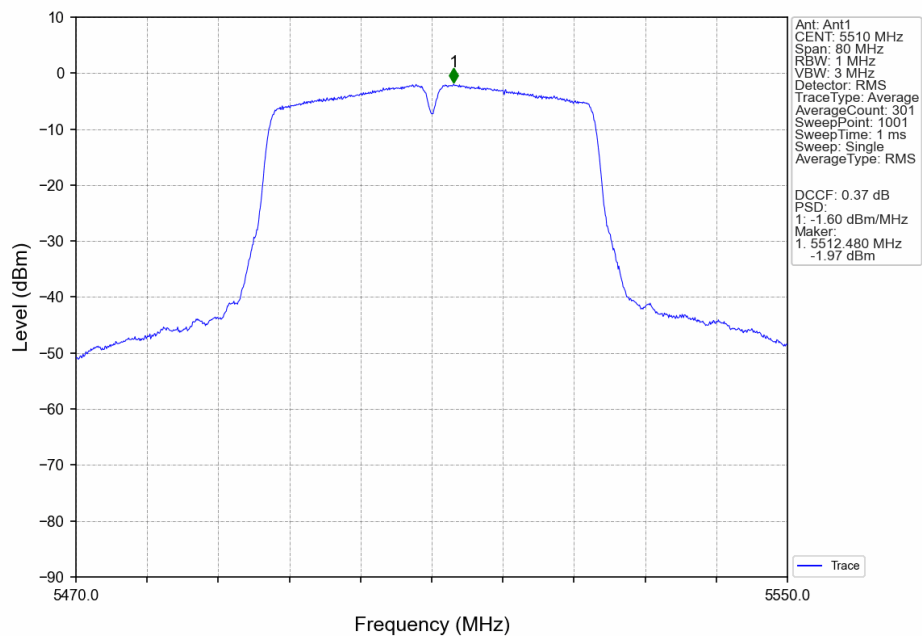


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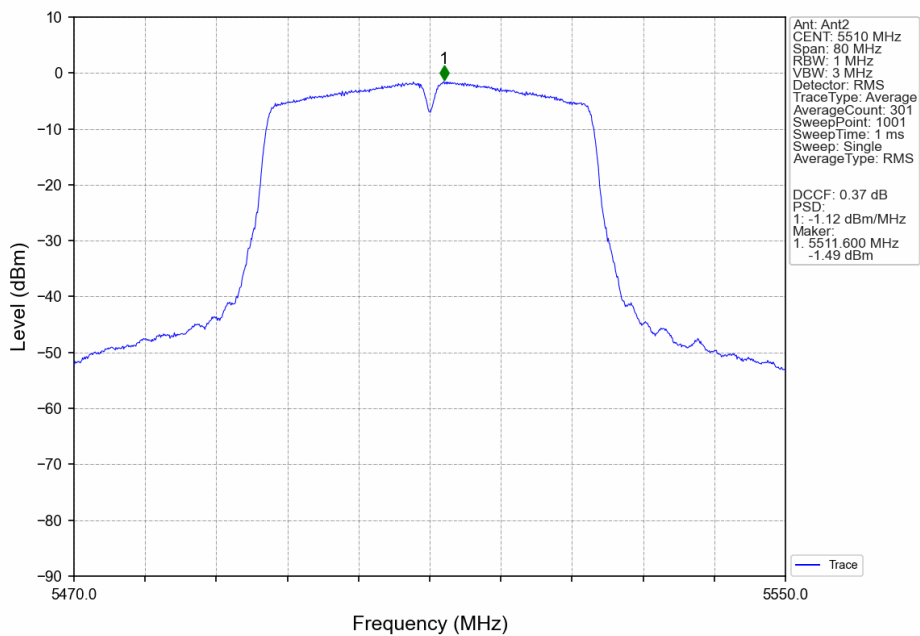


802.11n(HT40) LCH 5510MHz Ant1 NTN

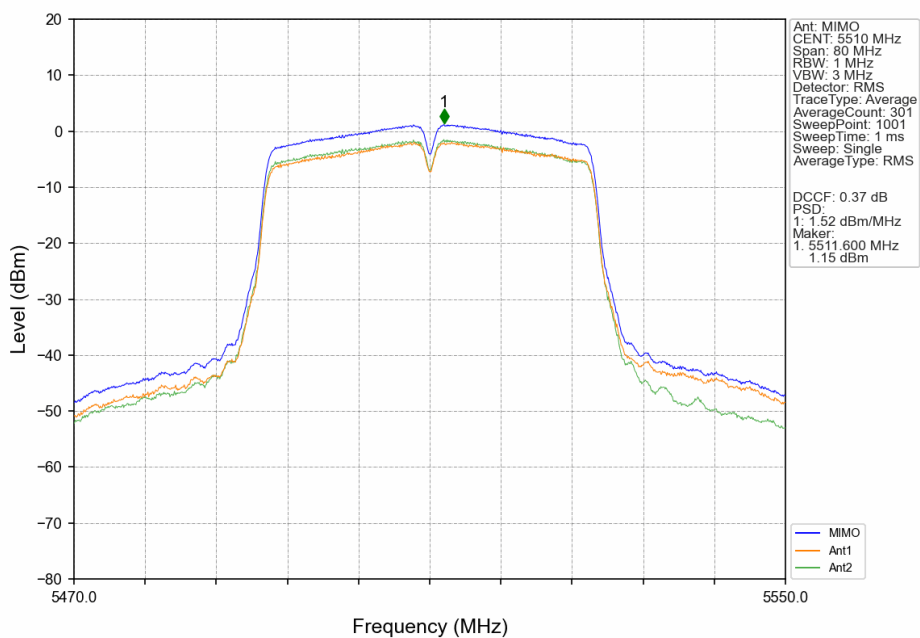


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802.11n(HT40) LCH 5510MHz Ant2 NTN

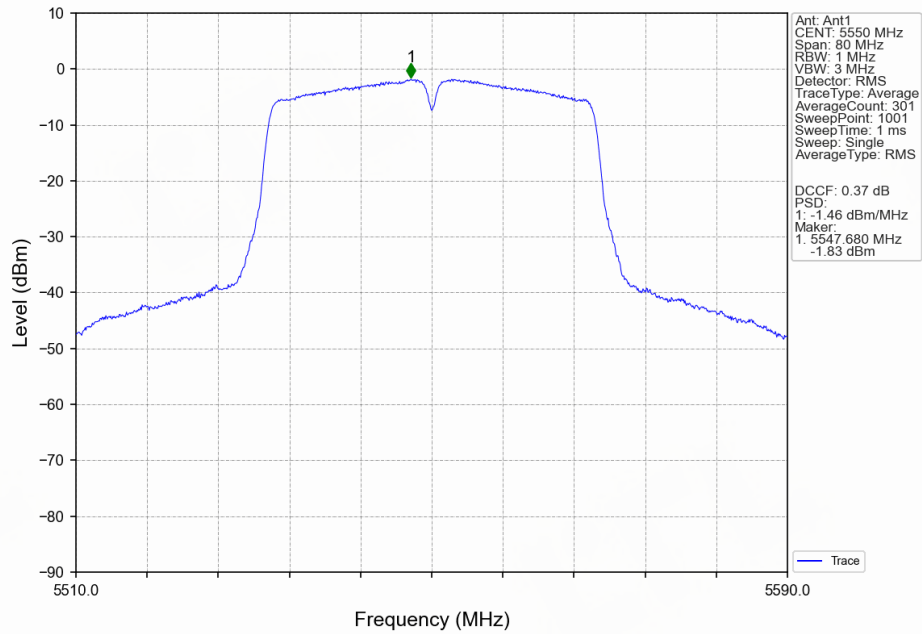


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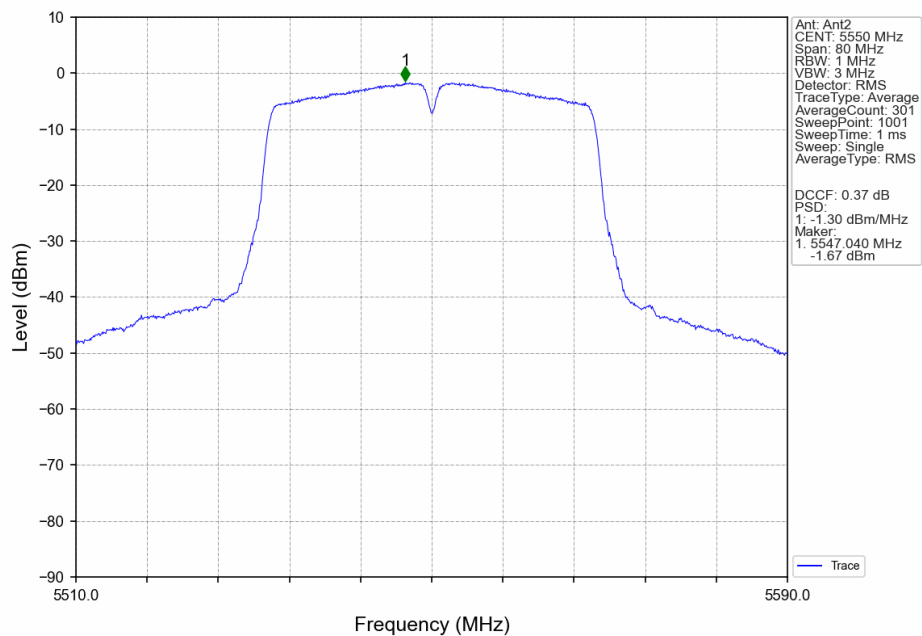


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802.11n(HT40) MCH 5550MHz Ant1 NTN

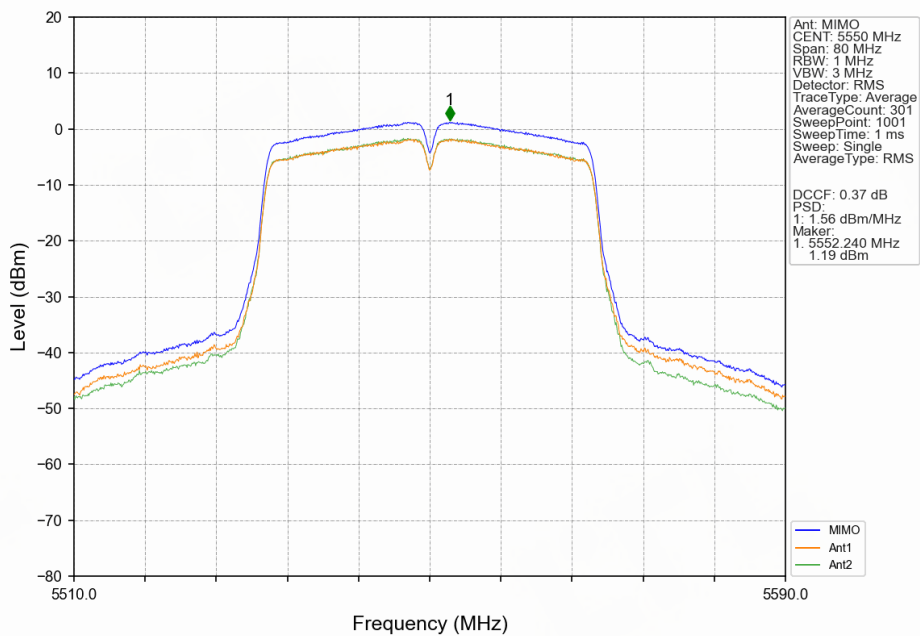


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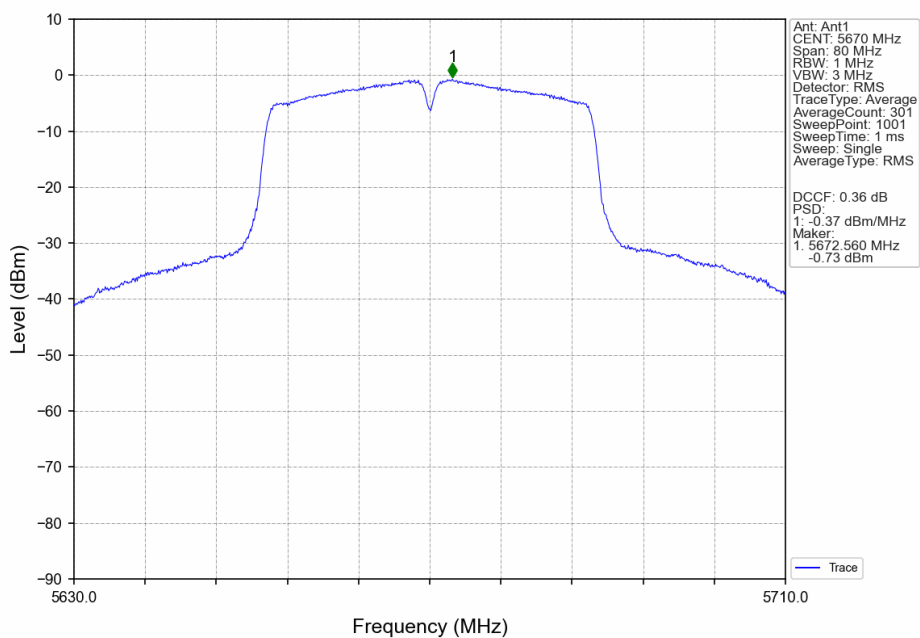


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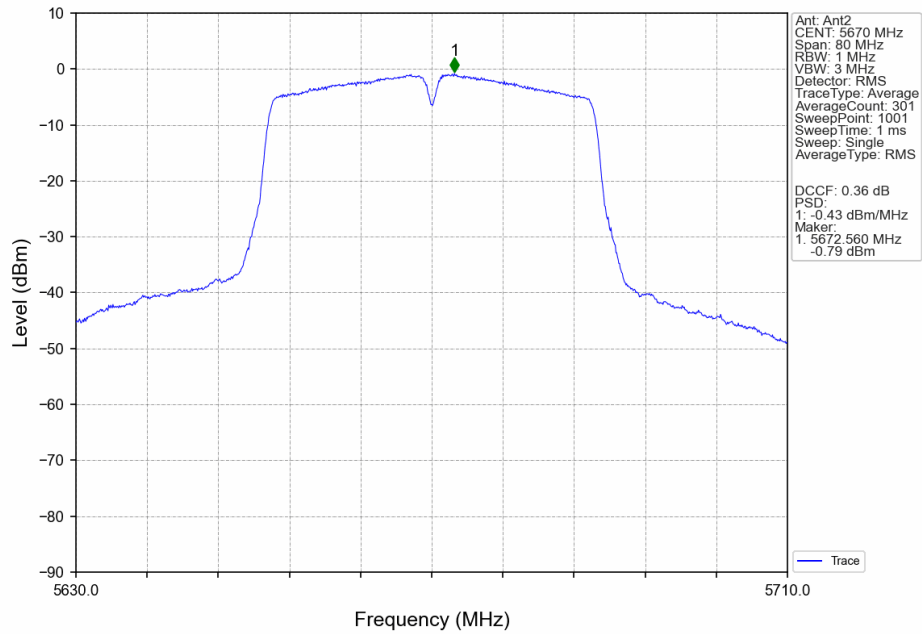


802.11n(HT40) HCH 5670MHz Ant1 NTN

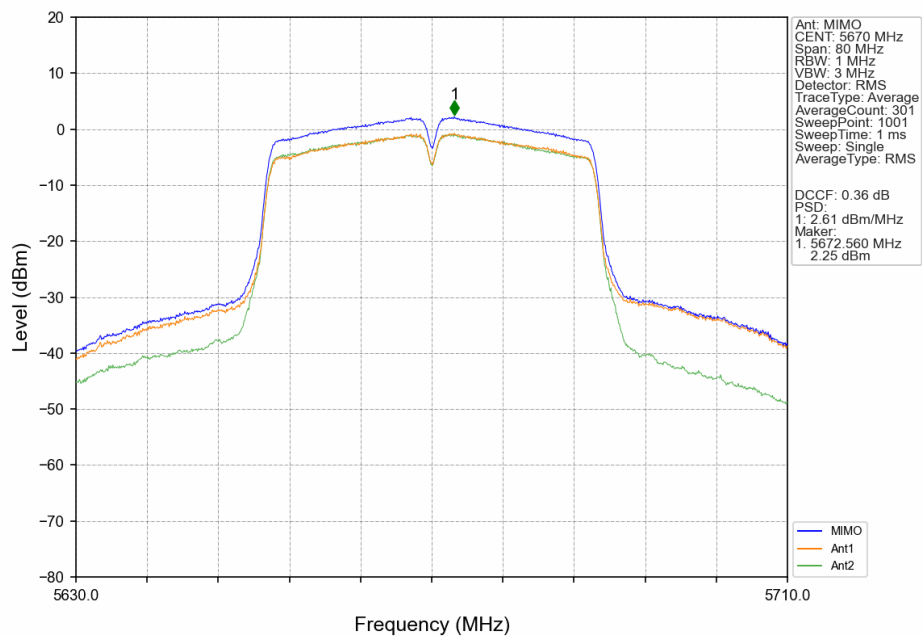


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802.11n(HT40) HCH 5670MHz Ant2 NTN

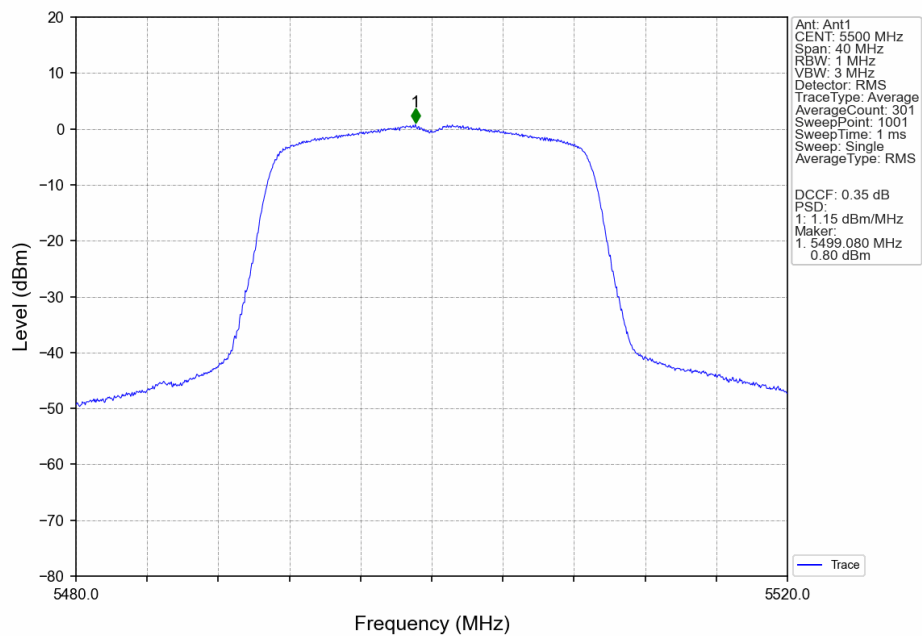


802.11n(HT40) HCH 5670MHz MIMO NTN

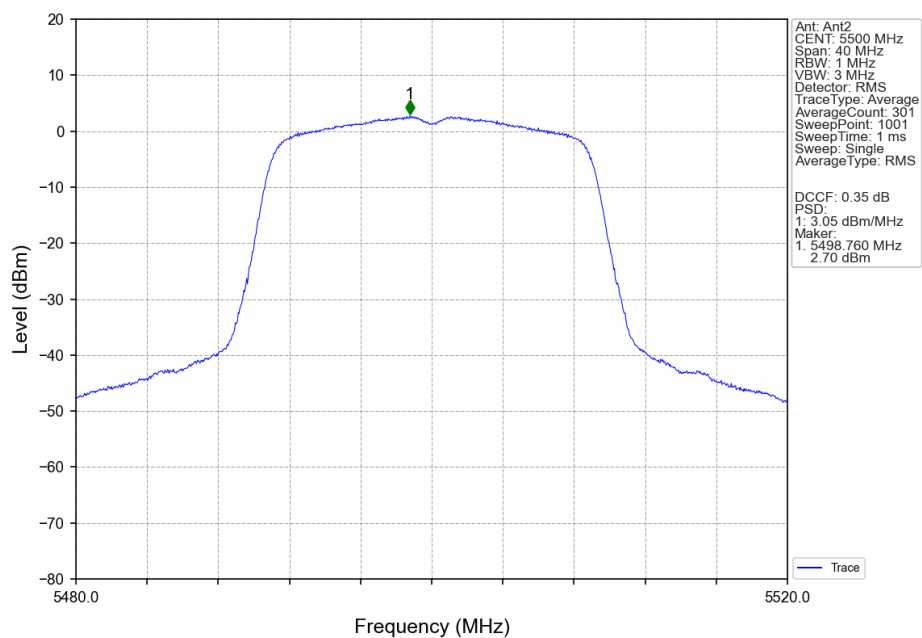


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802.11ac(VHT20) LCH 5500MHz Ant1 NTN

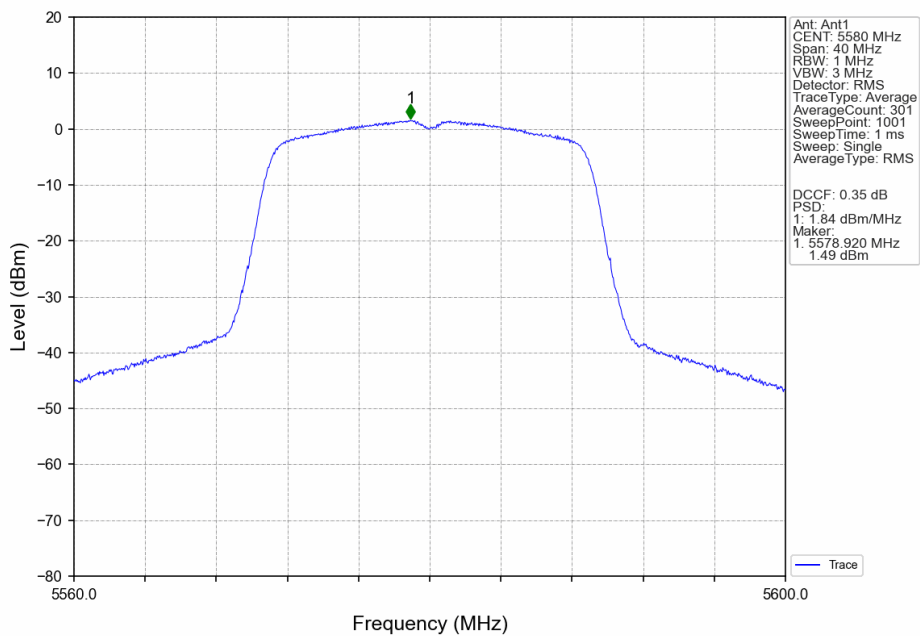


802.11ac(VHT20) LCH 5500MHz Ant2 NTN

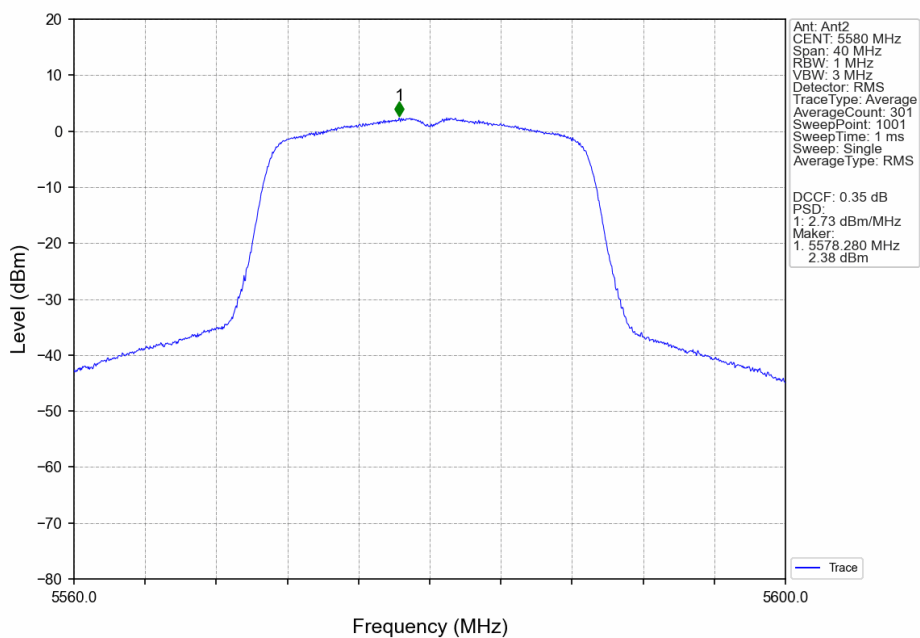


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802.11ac(VHT20) MCH 5580MHz Ant1 NTN

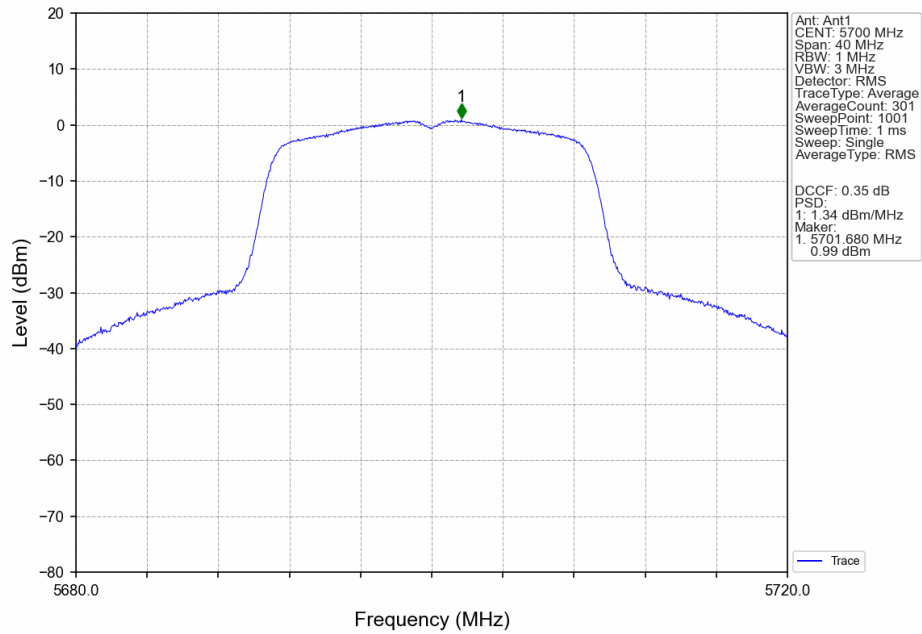


802.11ac(VHT20) MCH 5580MHz Ant2 NTN

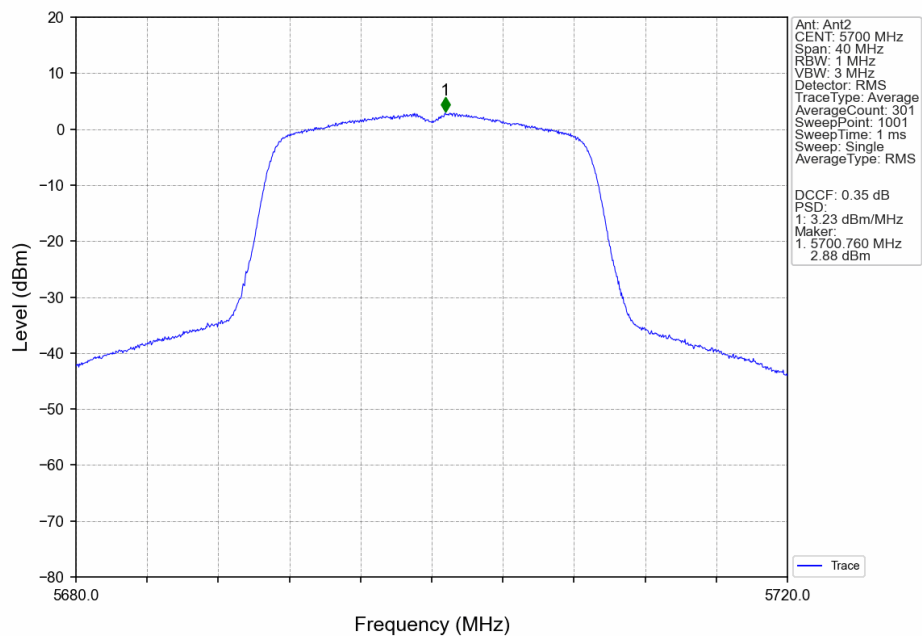


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802.11ac(VHT20) HCH 5700MHz Ant1 NTN

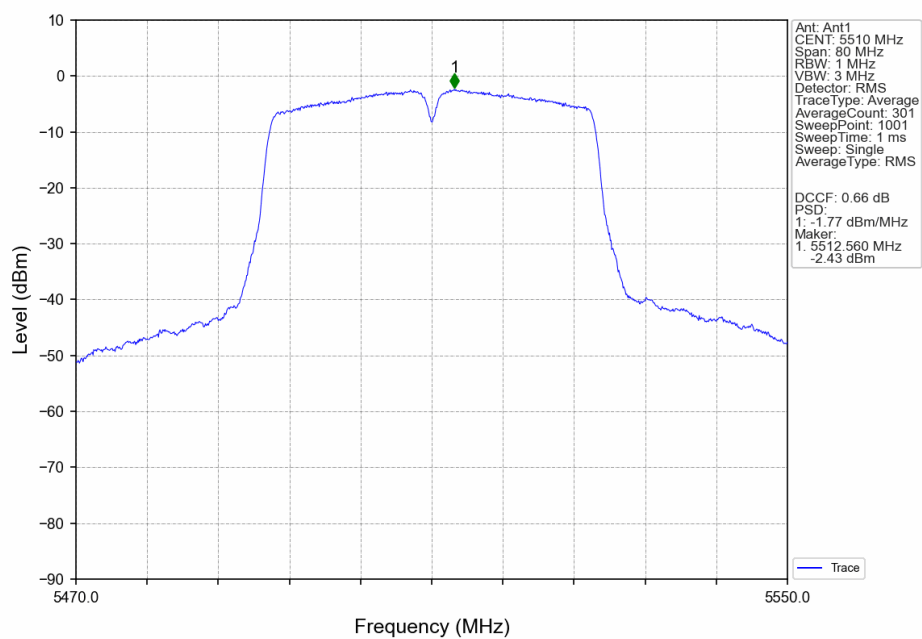


802.11ac(VHT20) HCH 5700MHz Ant2 NTN

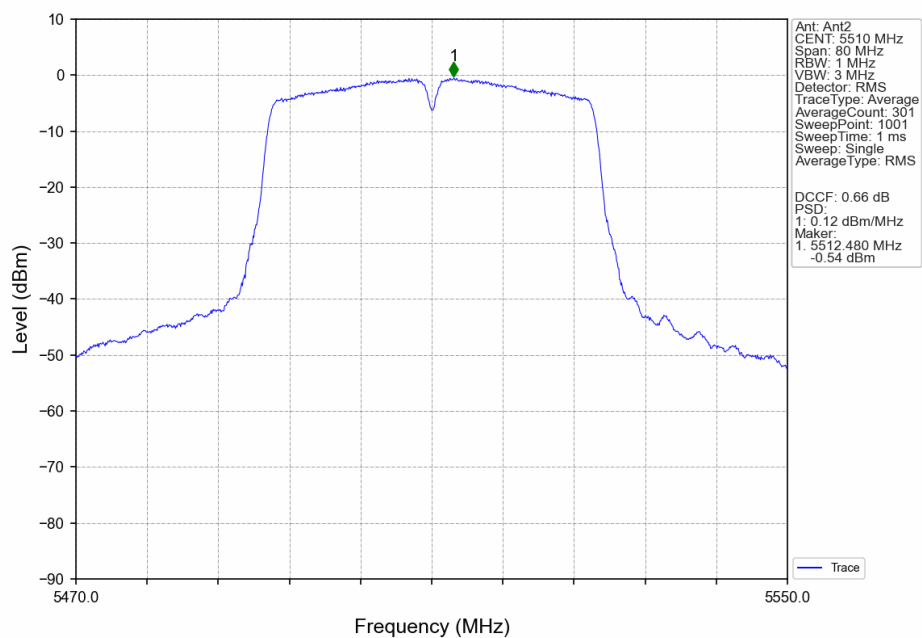


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802.11ac(VHT40) LCH 5510MHz Ant1 NTN

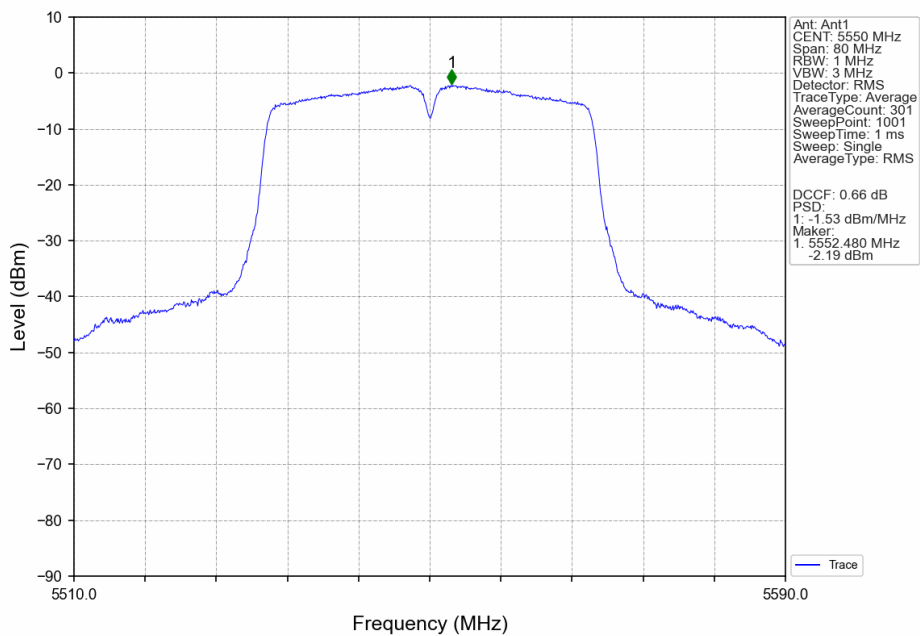


802.11ac(VHT40) LCH 5510MHz Ant2 NTN

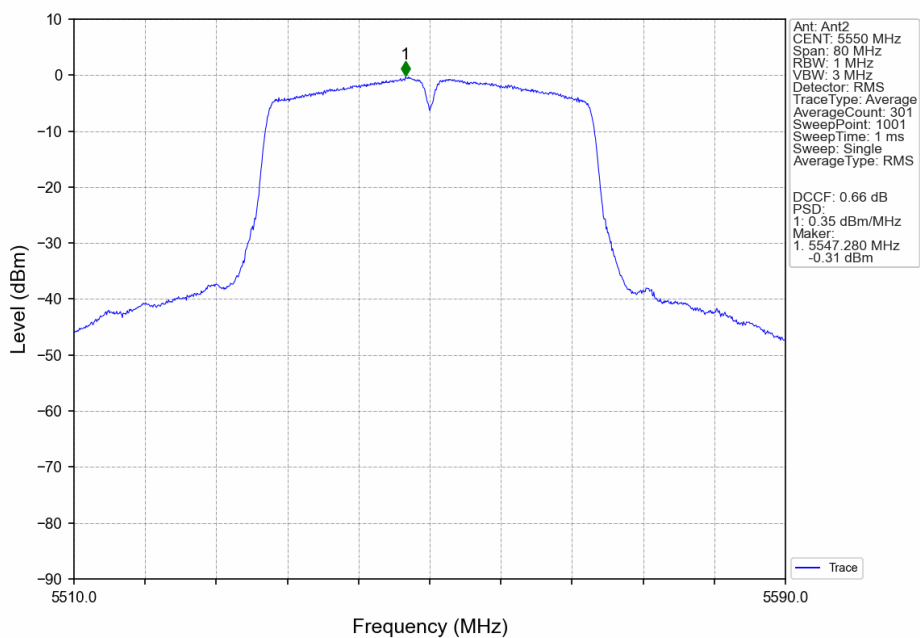


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802.11ac(VHT40) MCH 5550MHz Ant1 NTN

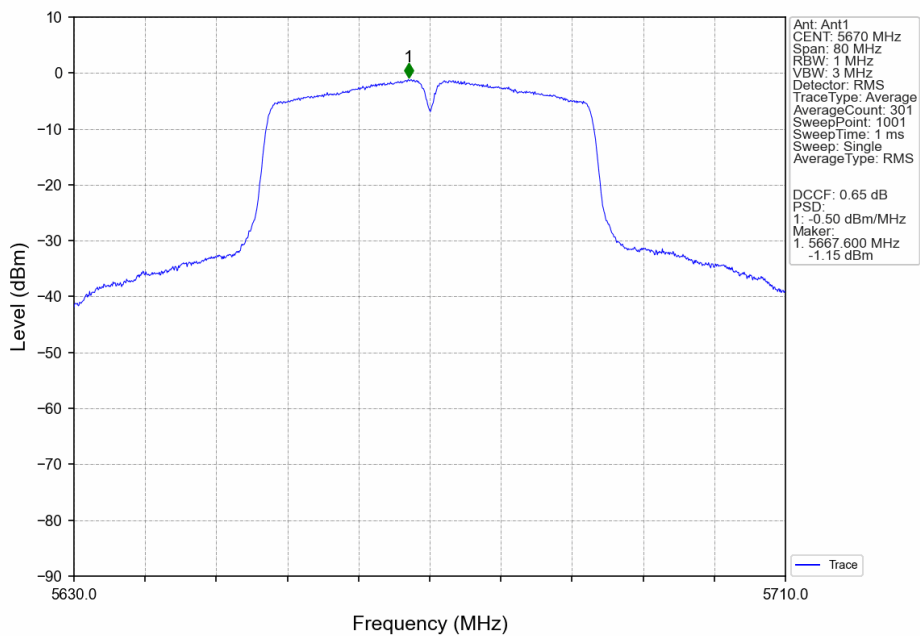


802.11ac(VHT40) MCH 5550MHz Ant2 NTN

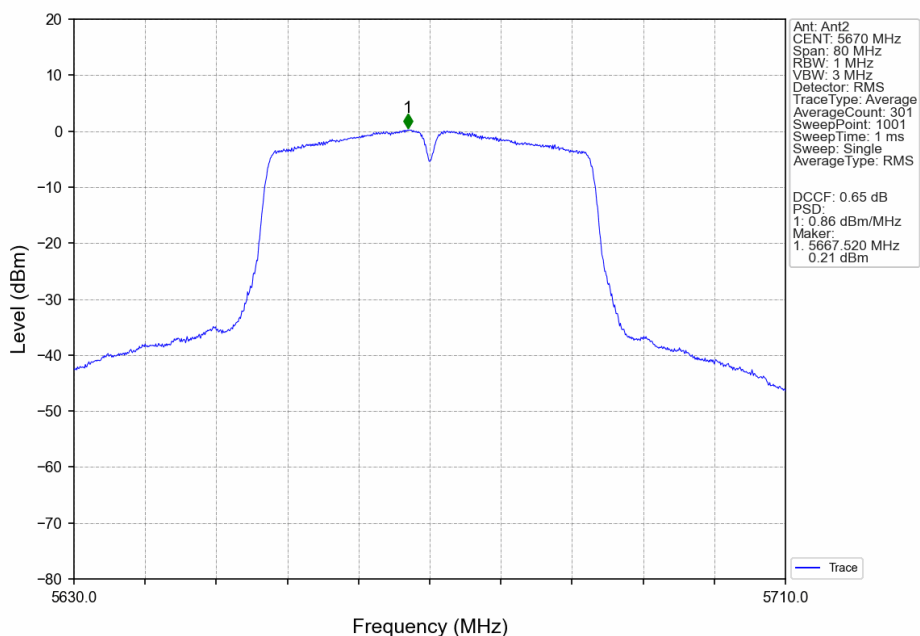


FCCID: 2AYHD-SR01

802.11ac(VHT40) HCH 5670MHz Ant1 NTNV

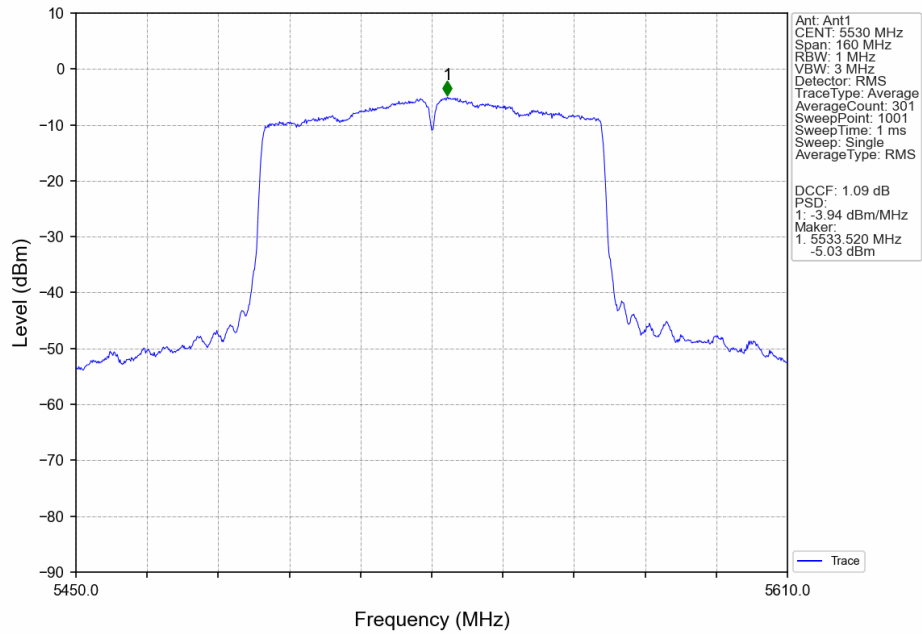


802.11ac(VHT40) HCH 5670MHz Ant2 NTNV

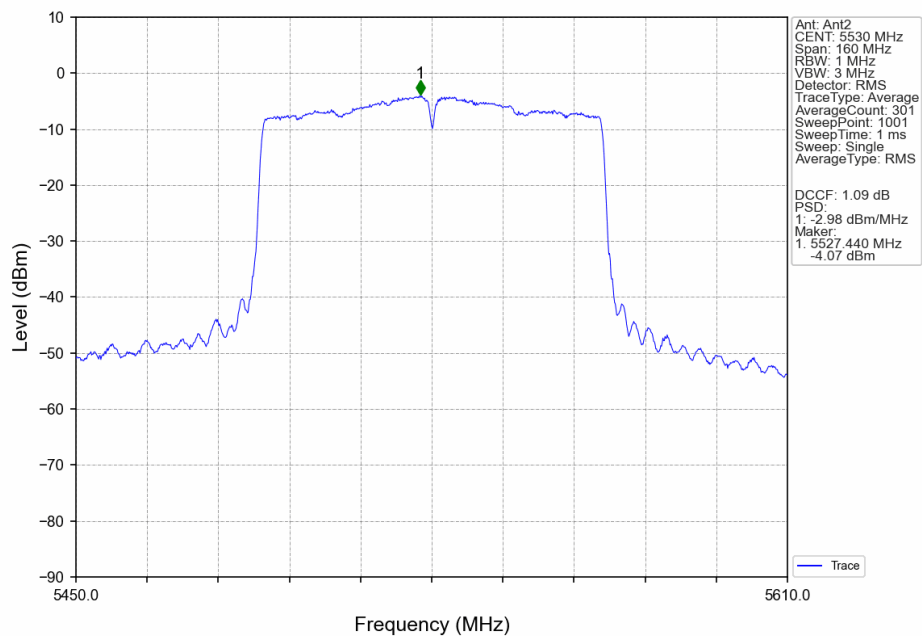


FCCID: 2AYHD-SR01

802.11ac(VHT80) LCH 5530MHz Ant1 NTNV

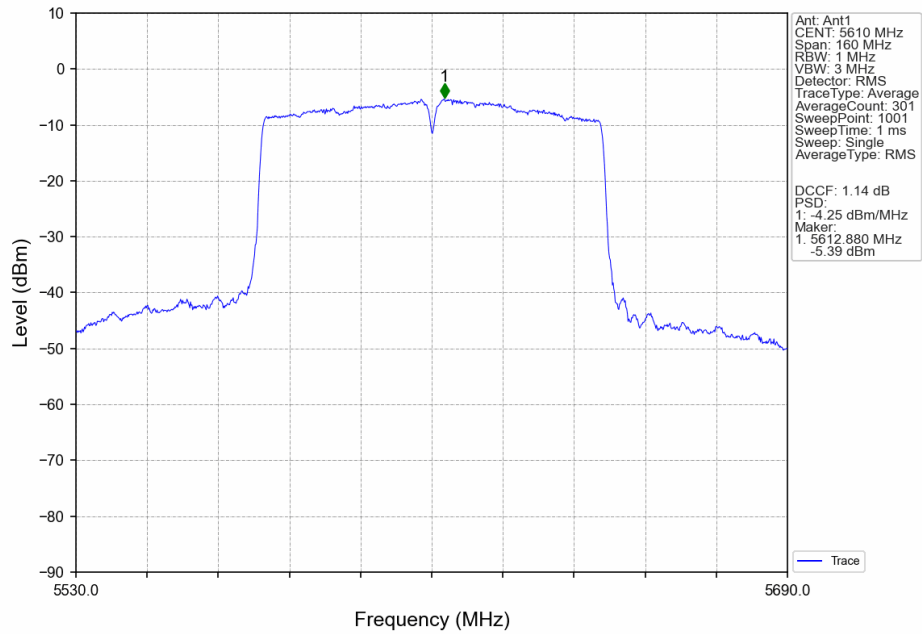


802.11ac(VHT80) LCH 5530MHz Ant2 NTNV

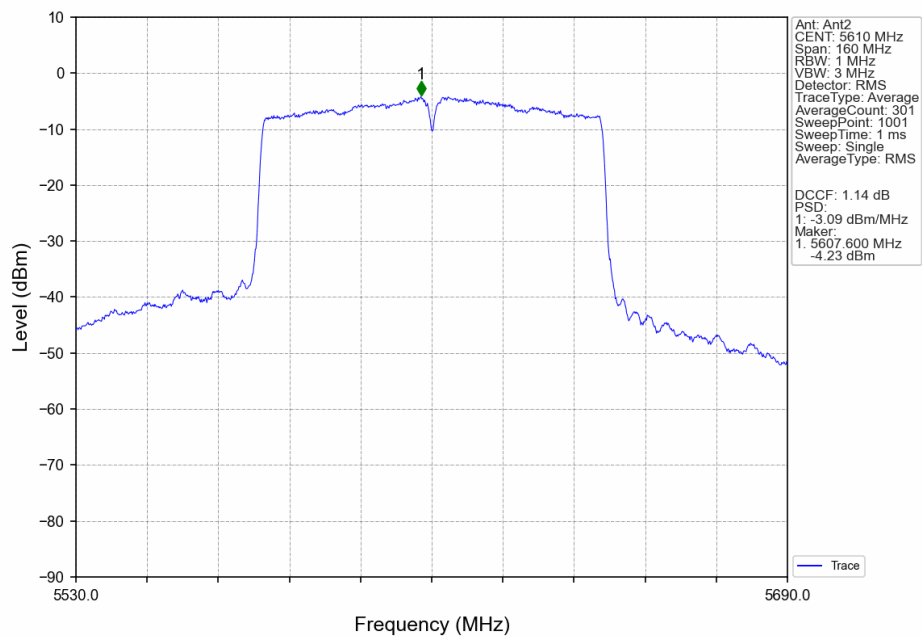


FCCID: 2AYHD-SR01

802.11ac(VHT80) HCH 5610MHz Ant1 NTN

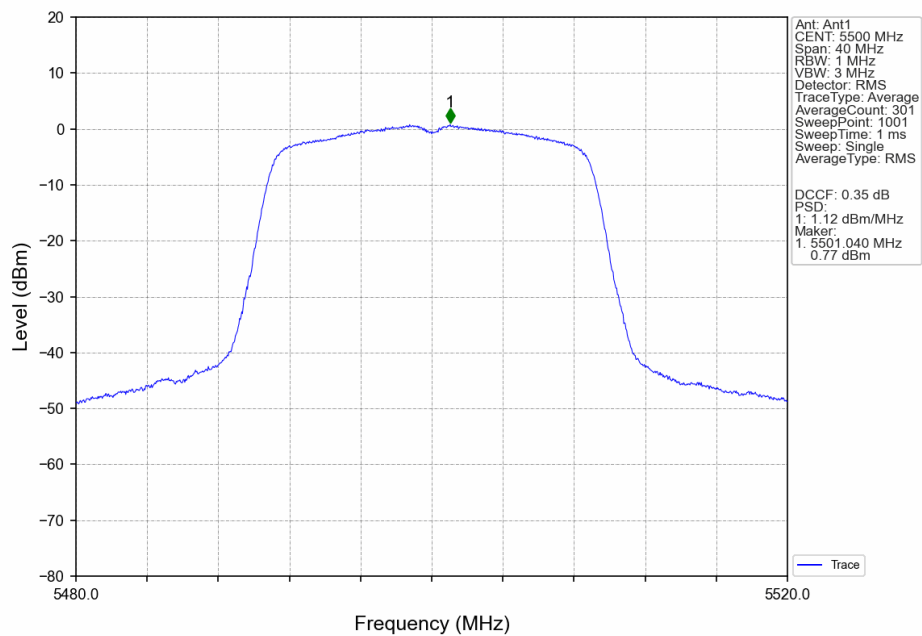


802.11ac(VHT80) HCH 5610MHz Ant2 NTN

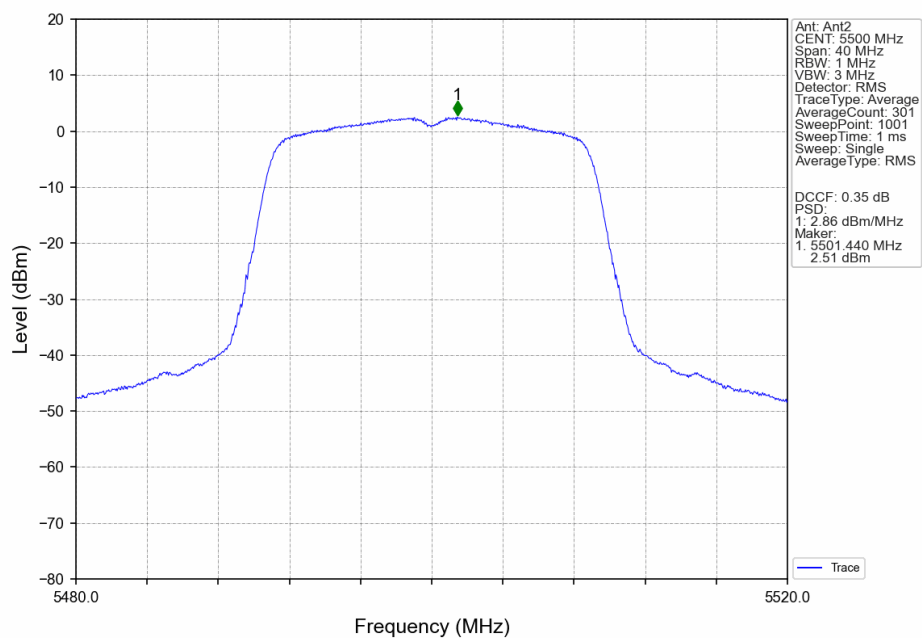


FCCID: 2AYHD-SR01

802.11ac(VHT20) LCH 5500MHz Ant1 NTN

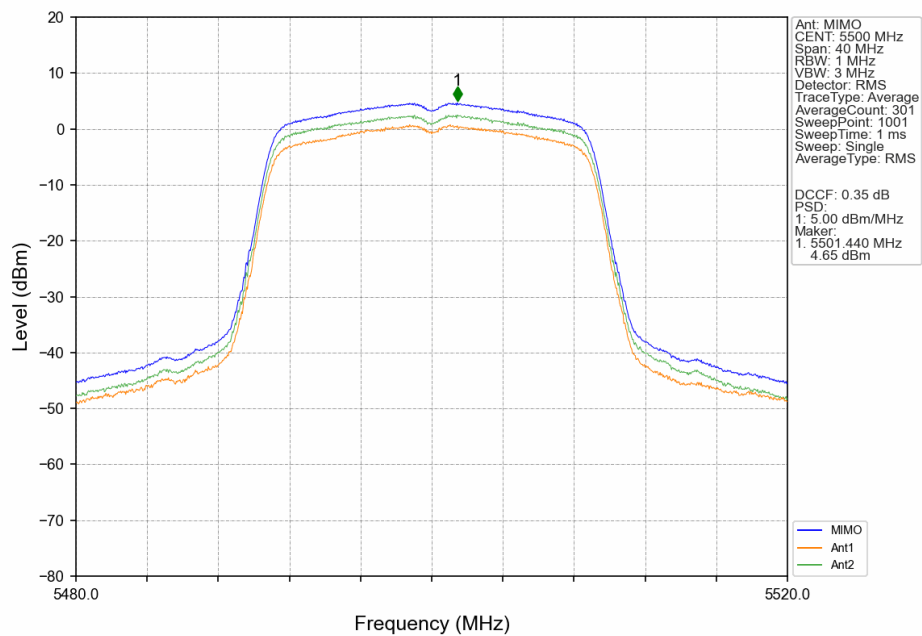


802.11ac(VHT20) LCH 5500MHz Ant2 NTN

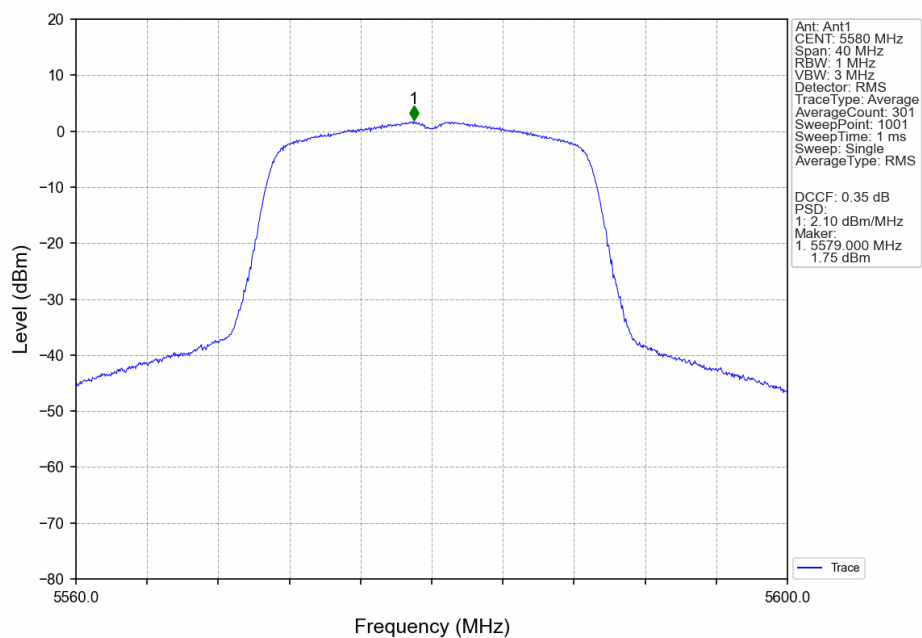


FCCID: 2AYHD-SR01

802.11ac(VHT20) LCH 5500MHz MIMO NTN

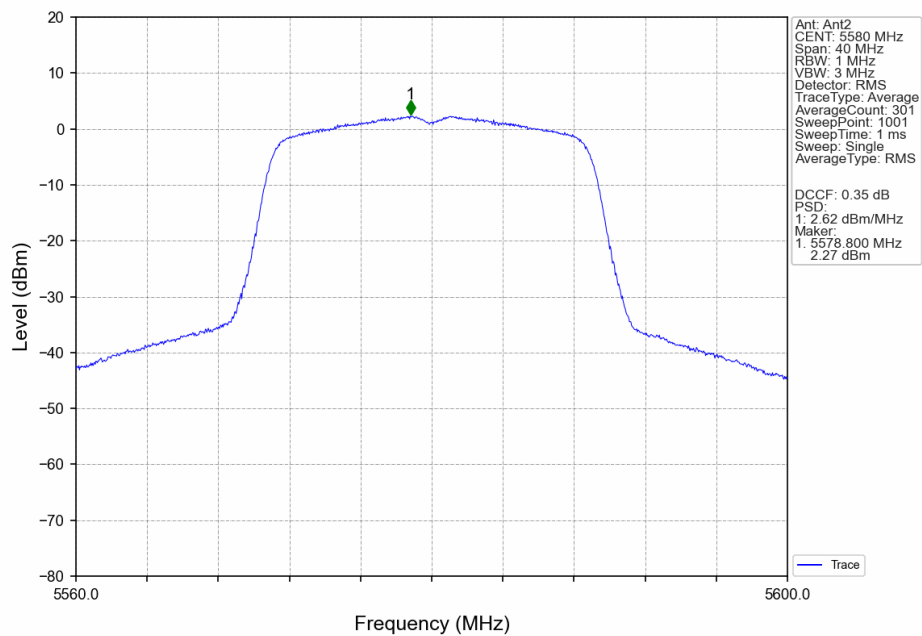


802.11ac(VHT20) MCH 5580MHz Ant1 NTN

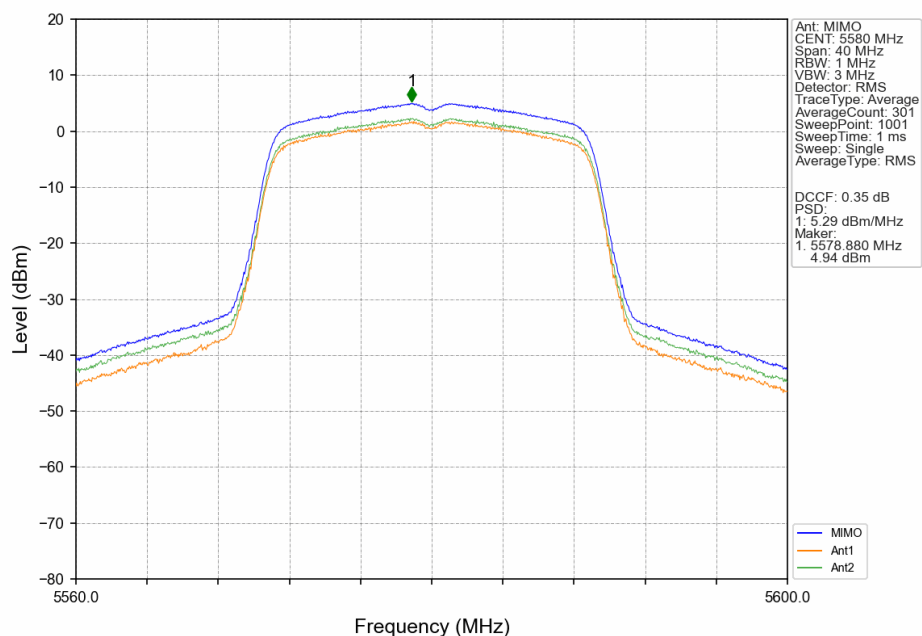


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802.11ac(VHT20) MCH 5580MHz Ant2 NTN

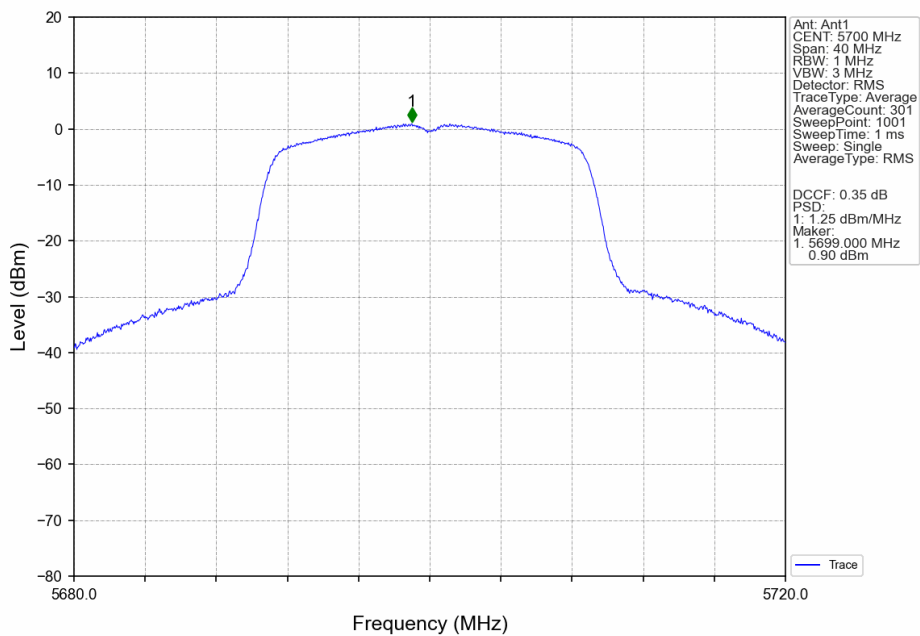


802.11ac(VHT20) MCH 5580MHz MIMO NTN

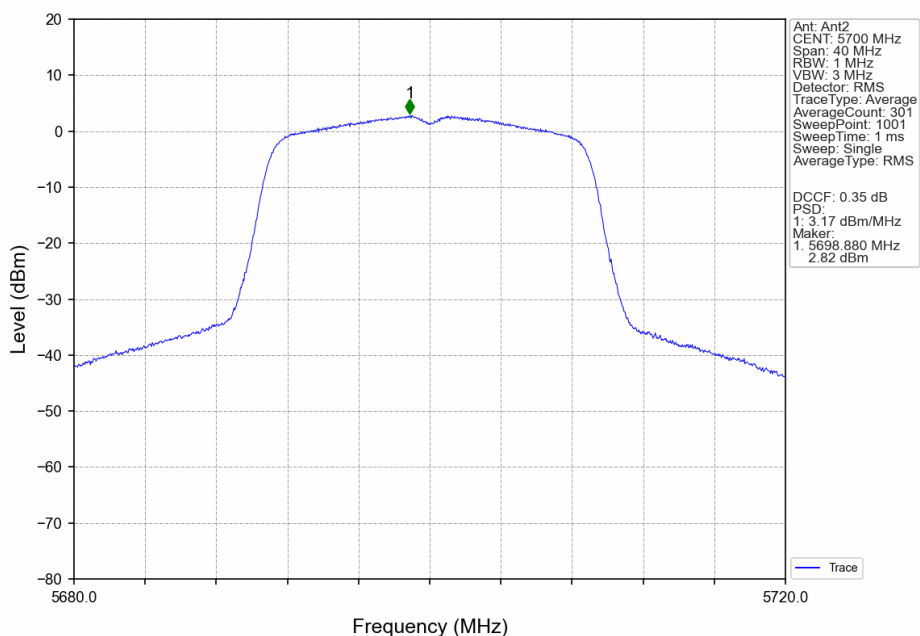


FCCID: 2AYHD-SR01

802.11ac(VHT20) HCH 5700MHz Ant1 NTN

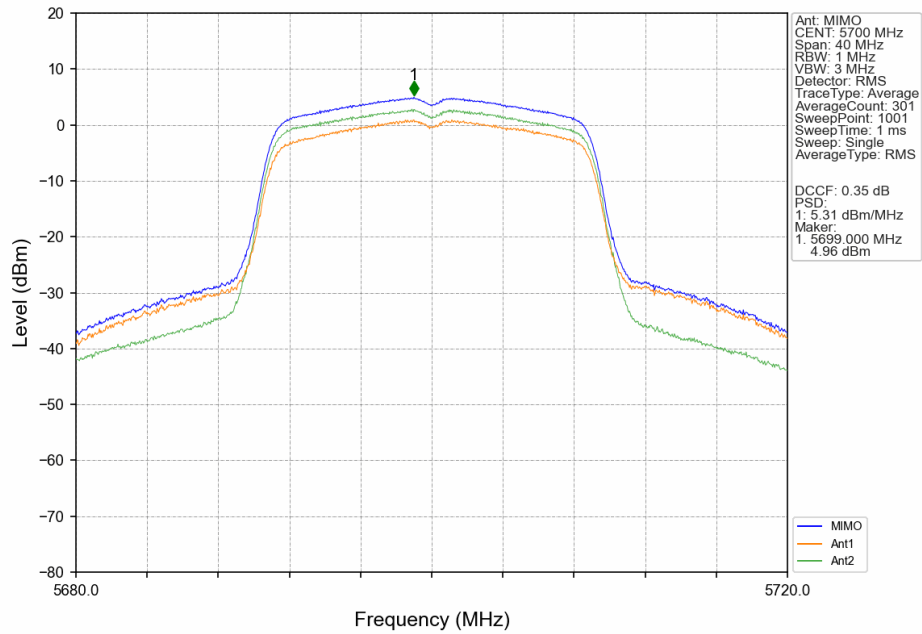


802.11ac(VHT20) HCH 5700MHz Ant2 NTN

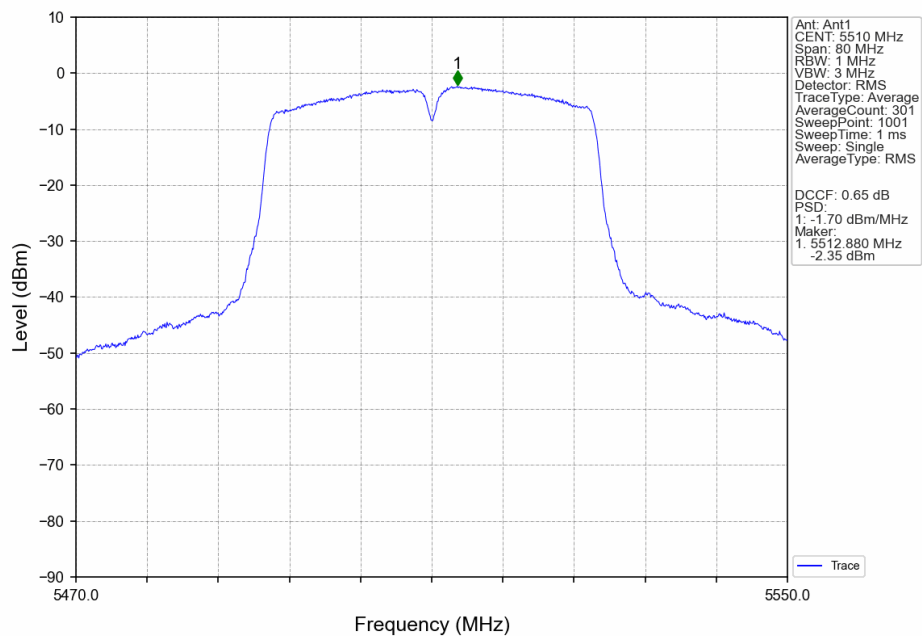


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802.11ac(VHT20) HCH 5700MHz MIMO NTN

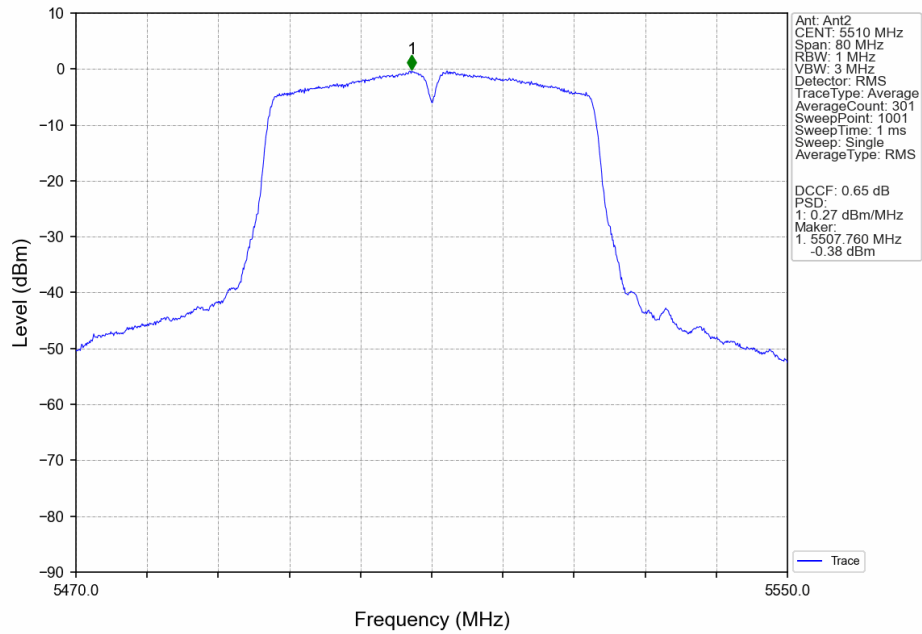


802.11ac(VHT40) LCH 5510MHz Ant1 NTN

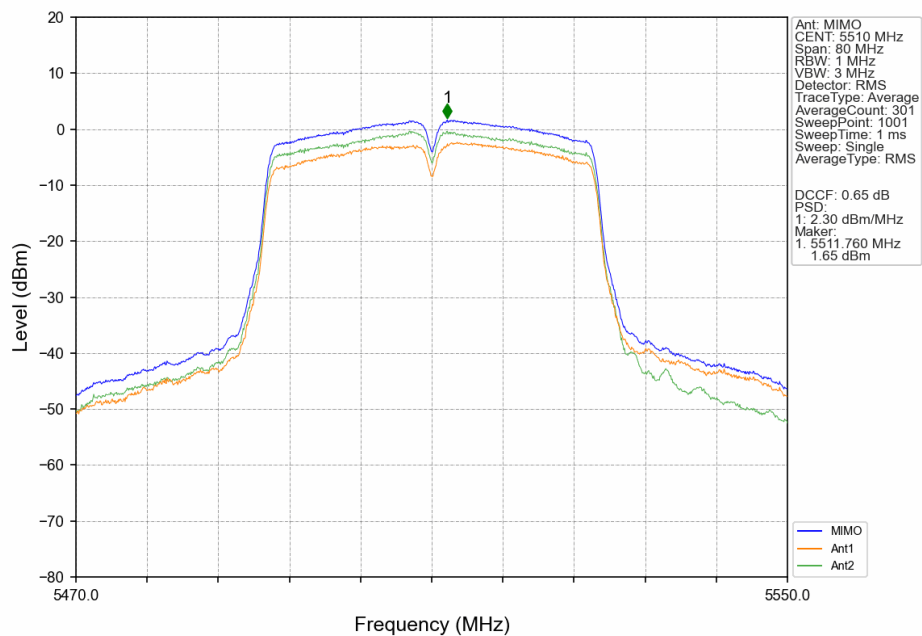


FCCID: 2AYHD-SR01

802.11ac(VHT40) LCH 5510MHz Ant2 NTN

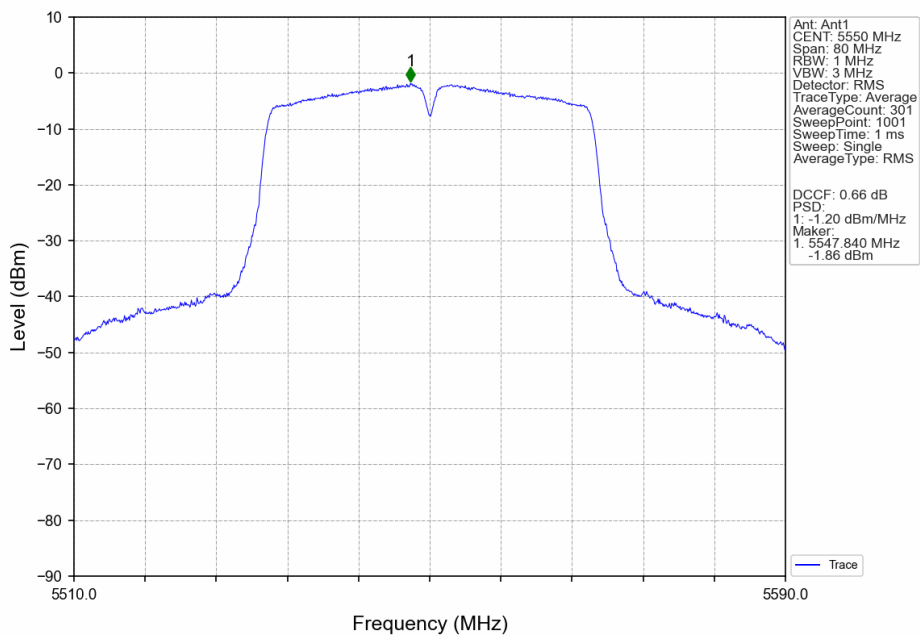


802.11ac(VHT40) LCH 5510MHz MIMO NTN

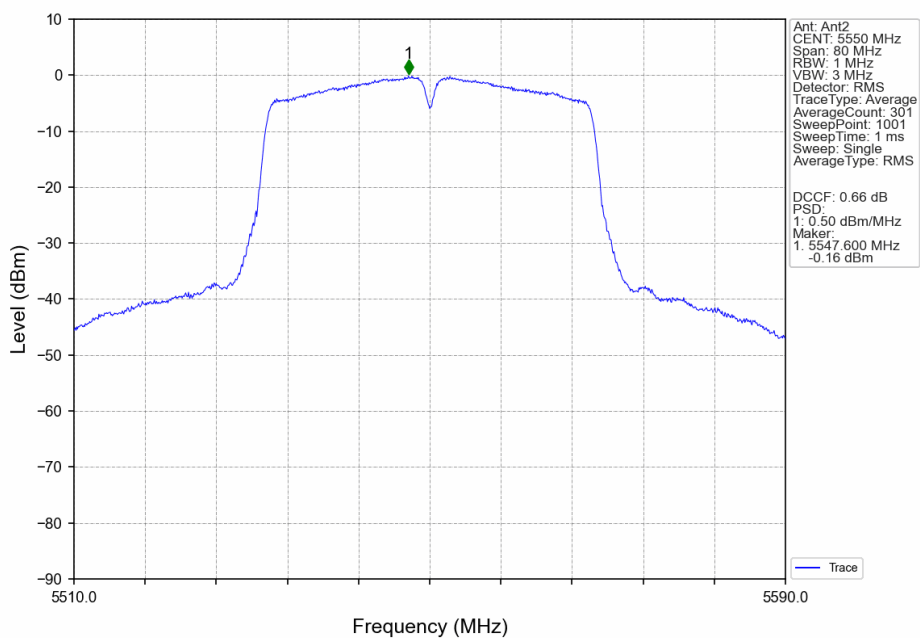


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802.11ac(VHT40) MCH 5550MHz Ant1 NTN

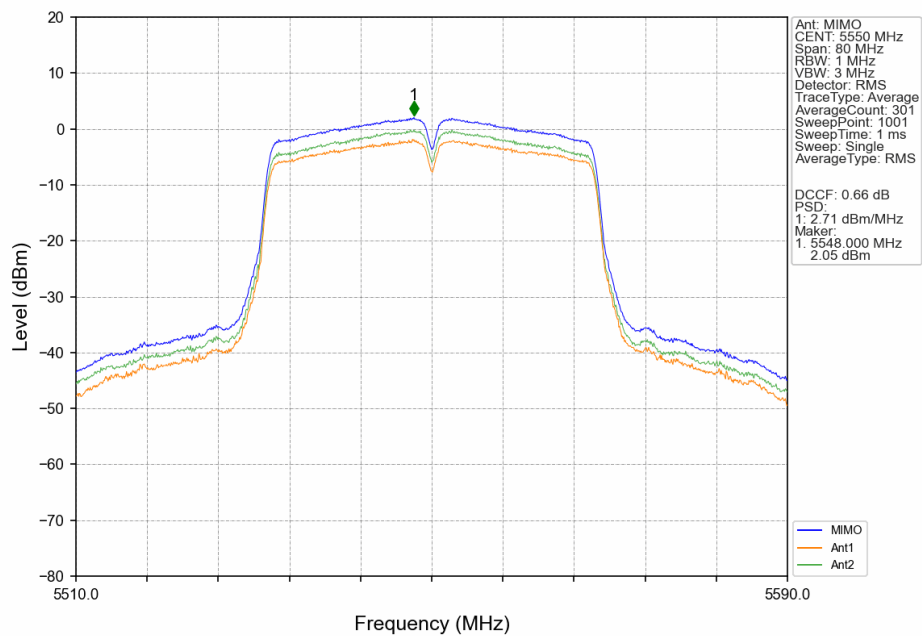


802.11ac(VHT40) MCH 5550MHz Ant2 NTN

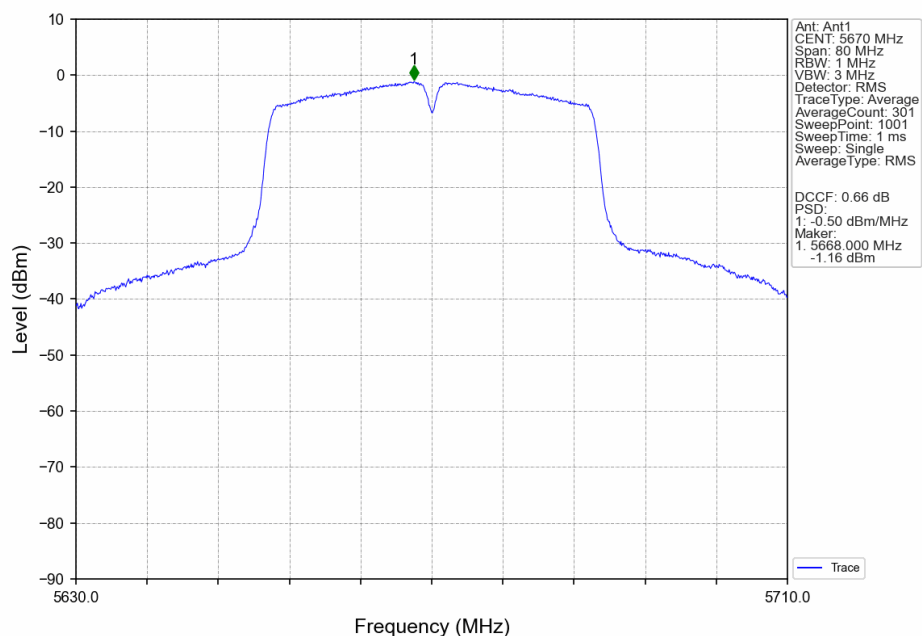


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802.11ac(VHT40) MCH 5550MHz MIMO NTN

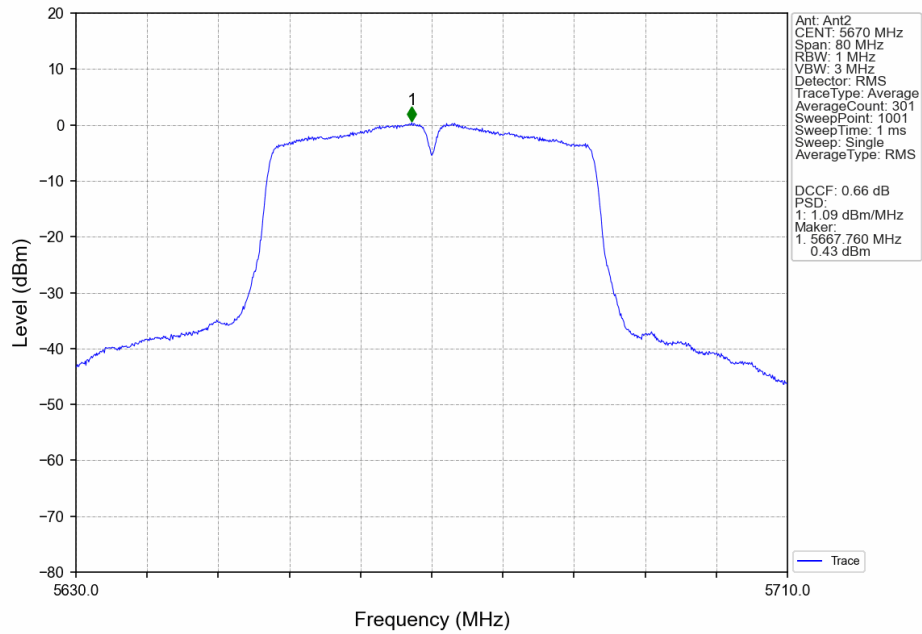


802.11ac(VHT40) HCH 5670MHz Ant1 NTN

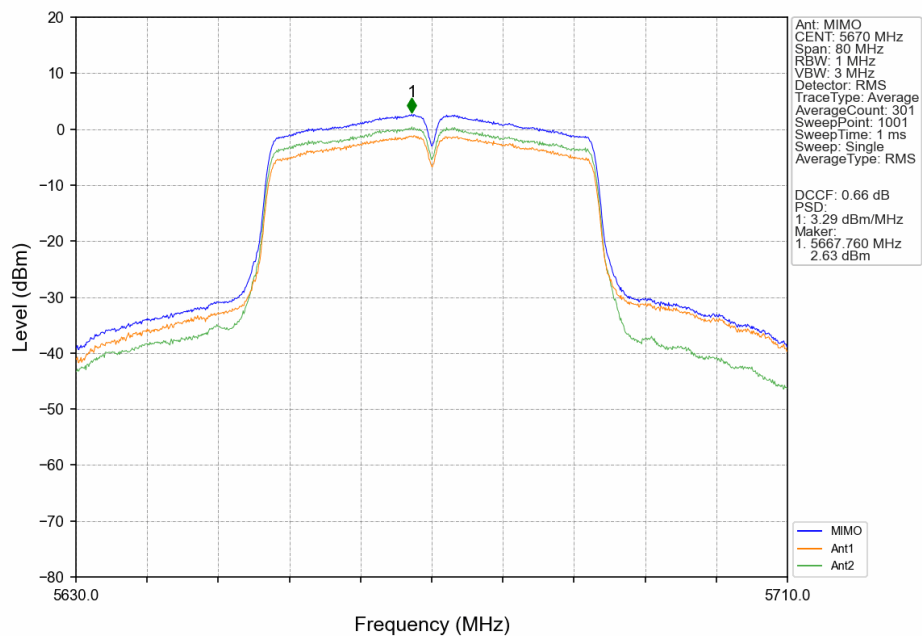


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802.11ac(VHT40) HCH 5670MHz Ant2 NTN

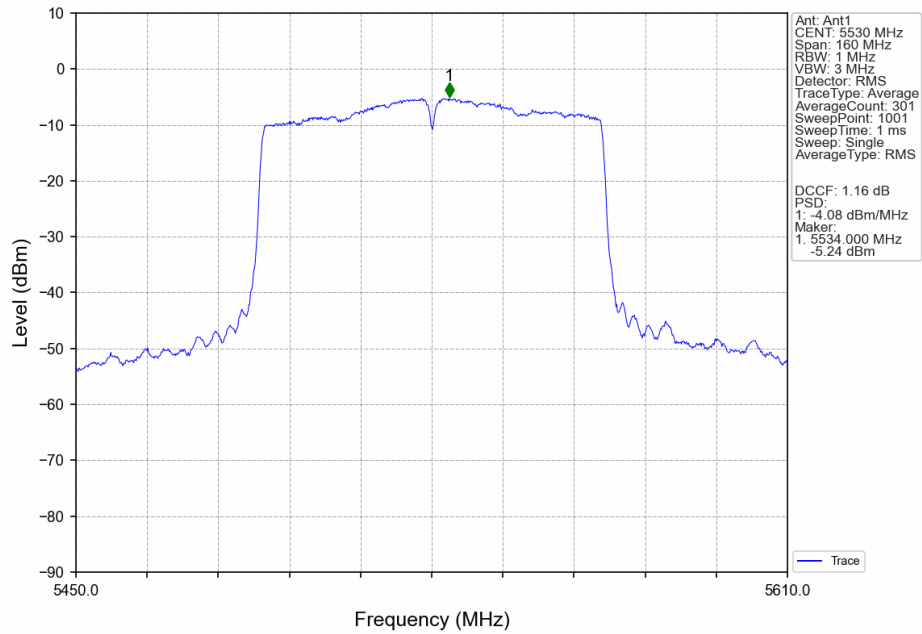


802.11ac(VHT40) HCH 5670MHz MIMO NTN

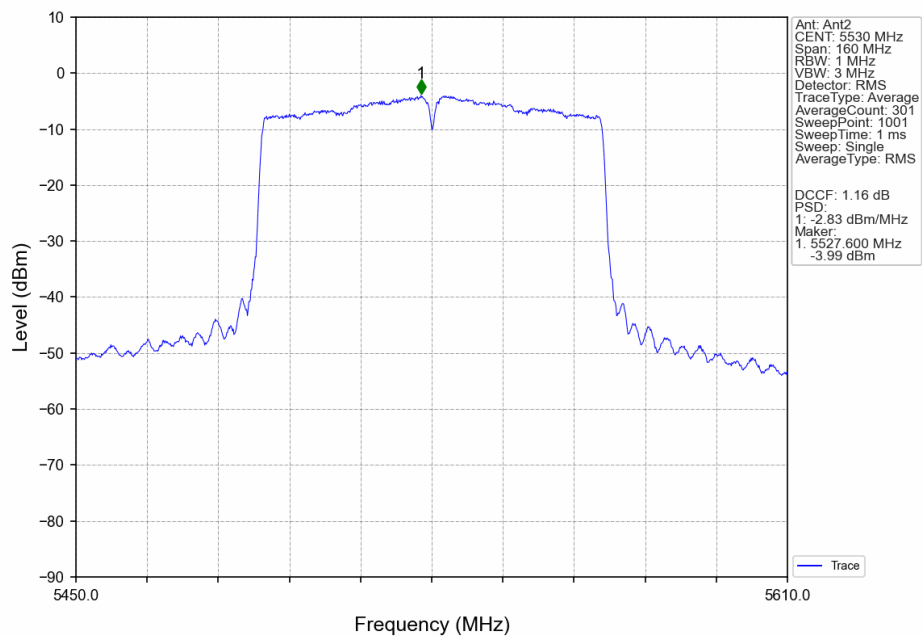


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802.11ac(VHT80) LCH 5530MHz Ant1 NTN

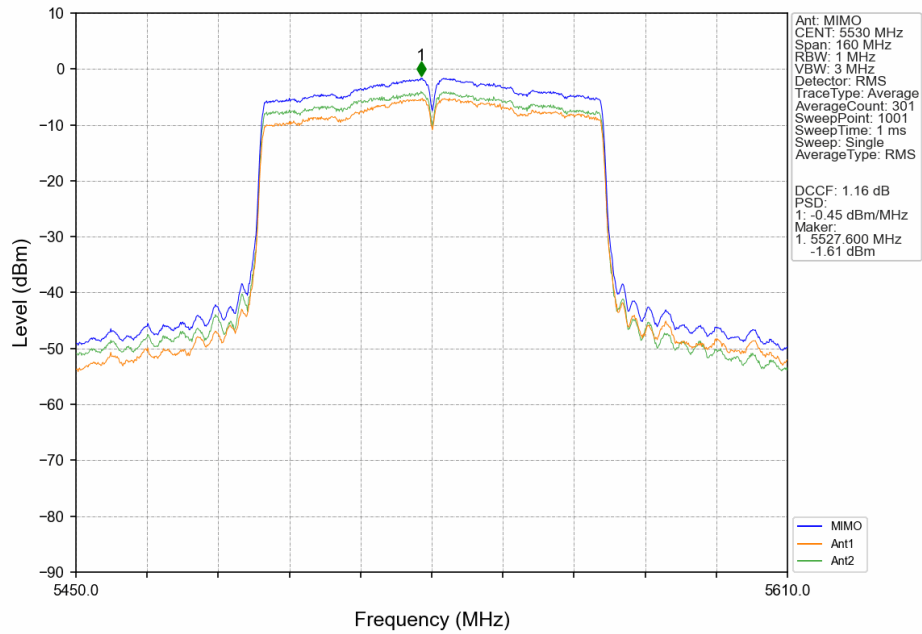


802.11ac(VHT80) LCH 5530MHz Ant2 NTN

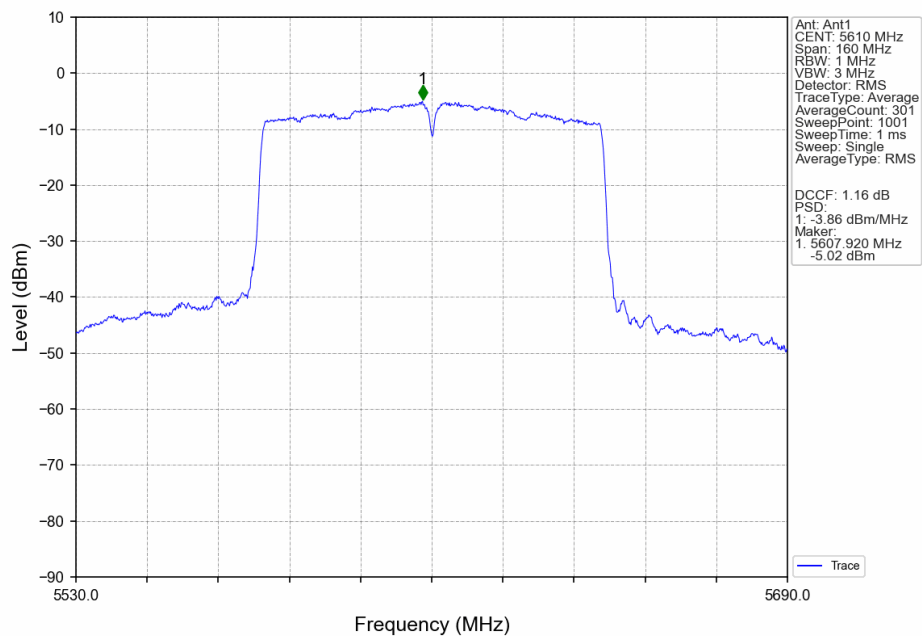


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802.11ac(VHT80) LCH 5530MHz MIMO NTN

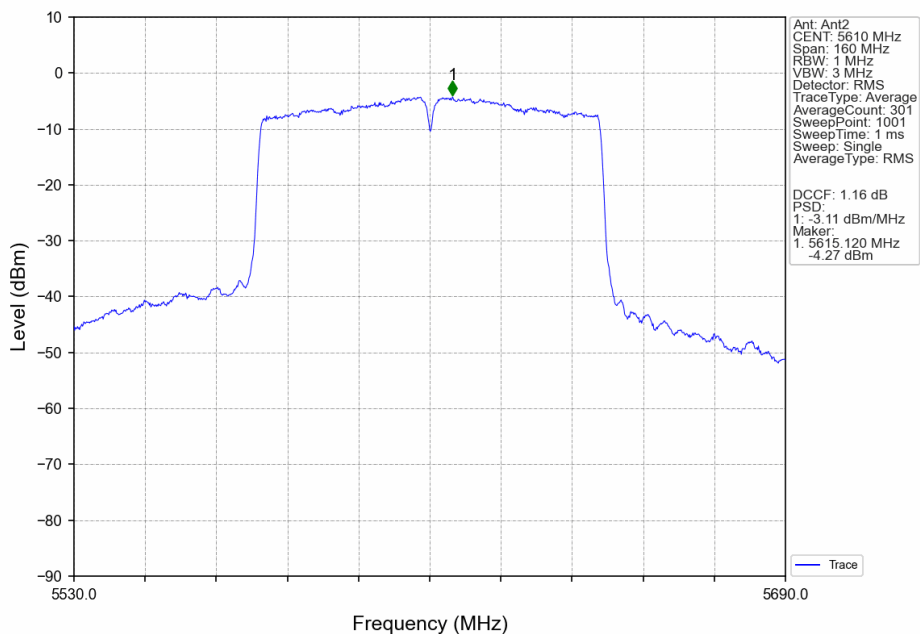


802.11ac(VHT80) HCH 5610MHz Ant1 NTN

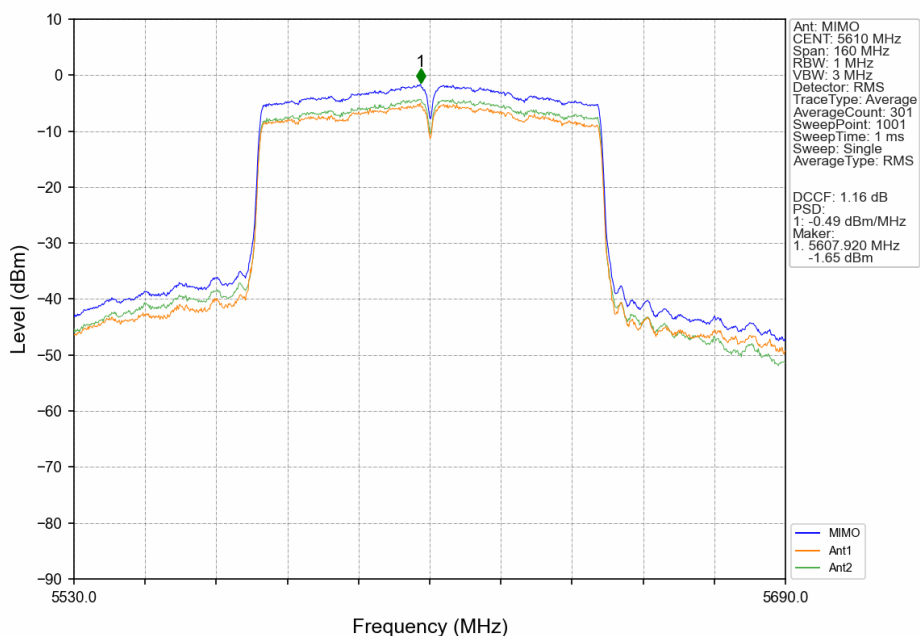


FCCID: 2AYHD-SR01

802.11ac(VHT80) HCH 5610MHz Ant2 NTN



802.11ac(VHT80) HCH 5610MHz MIMO NTN



FCCID: 2AYHD-SR01

5. Frequency Stability

5.1 Test Result

5.1.1 Ant1

Ant1							
Mode	TX Type	Frequency (MHz)	Temperature (°C)	Voltage (VAC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
Carrier Wave	SISO	5500	20	102	5499.947	5470 to 5725	Pass
				120	5499.947	5470 to 5725	Pass
				138	5499.947	5470 to 5725	Pass
			-30	120	5499.947	5470 to 5725	Pass
			-20	120	5499.947	5470 to 5725	Pass
			-10	120	5499.946	5470 to 5725	Pass
			0	120	5499.947	5470 to 5725	Pass
			10	120	5499.946	5470 to 5725	Pass
			30	120	5499.946	5470 to 5725	Pass
			40	120	5499.946	5470 to 5725	Pass
			50	120	5499.946	5470 to 5725	Pass
		5580	20	102	5579.944	5470 to 5725	Pass
				120	5579.944	5470 to 5725	Pass
				138	5579.944	5470 to 5725	Pass
			-30	120	5579.944	5470 to 5725	Pass
			-20	120	5579.944	5470 to 5725	Pass
			-10	120	5579.943	5470 to 5725	Pass
			0	120	5579.943	5470 to 5725	Pass
			10	120	5579.943	5470 to 5725	Pass
			30	120	5579.943	5470 to 5725	Pass
			40	120	5579.943	5470 to 5725	Pass
			50	120	5579.943	5470 to 5725	Pass
		5700	20	102	5699.941	5470 to 5725	Pass
				120	5699.941	5470 to 5725	Pass
				138	5699.941	5470 to 5725	Pass
			-30	120	5699.941	5470 to 5725	Pass
			-20	120	5699.941	5470 to 5725	Pass
			-10	120	5699.941	5470 to 5725	Pass
			0	120	5699.941	5470 to 5725	Pass
			10	120	5699.942	5470 to 5725	Pass
			30	120	5699.941	5470 to 5725	Pass
			40	120	5699.941	5470 to 5725	Pass
			50	120	5699.941	5470 to 5725	Pass
		5510	20	102	5509.945	5470 to 5725	Pass
				120	5509.945	5470 to 5725	Pass
				138	5509.945	5470 to 5725	Pass
			-30	120	5509.945	5470 to 5725	Pass
			-20	120	5509.945	5470 to 5725	Pass
			-10	120	5509.945	5470 to 5725	Pass
			0	120	5509.945	5470 to 5725	Pass
			10	120	5509.945	5470 to 5725	Pass
			30	120	5509.945	5470 to 5725	Pass
			40	120	5509.945	5470 to 5725	Pass

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			50	120	5509.945	5470 to 5725	Pass
		5550	20	102	5549.945	5470 to 5725	Pass
				120	5549.945	5470 to 5725	Pass
				138	5549.945	5470 to 5725	Pass
				120	5549.945	5470 to 5725	Pass
			-30	120	5549.945	5470 to 5725	Pass
			-20	120	5549.945	5470 to 5725	Pass
			-10	120	5549.945	5470 to 5725	Pass
			0	120	5549.945	5470 to 5725	Pass
			10	120	5549.945	5470 to 5725	Pass
			30	120	5549.945	5470 to 5725	Pass
			40	120	5549.945	5470 to 5725	Pass
			50	120	5549.945	5470 to 5725	Pass
		5670	20	102	5669.944	5470 to 5725	Pass
				120	5669.944	5470 to 5725	Pass
				138	5669.944	5470 to 5725	Pass
				120	5669.944	5470 to 5725	Pass
			-30	120	5669.944	5470 to 5725	Pass
			-20	120	5669.944	5470 to 5725	Pass
			-10	120	5669.944	5470 to 5725	Pass
			0	120	5669.944	5470 to 5725	Pass
			10	120	5669.944	5470 to 5725	Pass
			30	120	5669.944	5470 to 5725	Pass
			40	120	5669.944	5470 to 5725	Pass
			50	120	5669.944	5470 to 5725	Pass
		5530	20	102	5529.945	5470 to 5725	Pass
				120	5529.945	5470 to 5725	Pass
				138	5529.945	5470 to 5725	Pass
				120	5529.945	5470 to 5725	Pass
			-30	120	5529.945	5470 to 5725	Pass
			-20	120	5529.945	5470 to 5725	Pass
			-10	120	5529.945	5470 to 5725	Pass
			0	120	5529.945	5470 to 5725	Pass
			10	120	5529.945	5470 to 5725	Pass
			30	120	5529.945	5470 to 5725	Pass
			40	120	5529.945	5470 to 5725	Pass
			50	120	5529.945	5470 to 5725	Pass
		5610	20	102	5609.944	5470 to 5725	Pass
				120	5609.944	5470 to 5725	Pass
				138	5609.944	5470 to 5725	Pass
				120	5609.944	5470 to 5725	Pass
			-30	120	5609.944	5470 to 5725	Pass
			-20	120	5609.944	5470 to 5725	Pass
			-10	120	5609.944	5470 to 5725	Pass
			0	120	5609.944	5470 to 5725	Pass
			10	120	5609.944	5470 to 5725	Pass
			30	120	5609.944	5470 to 5725	Pass
			40	120	5609.944	5470 to 5725	Pass
			50	120	5609.944	5470 to 5725	Pass