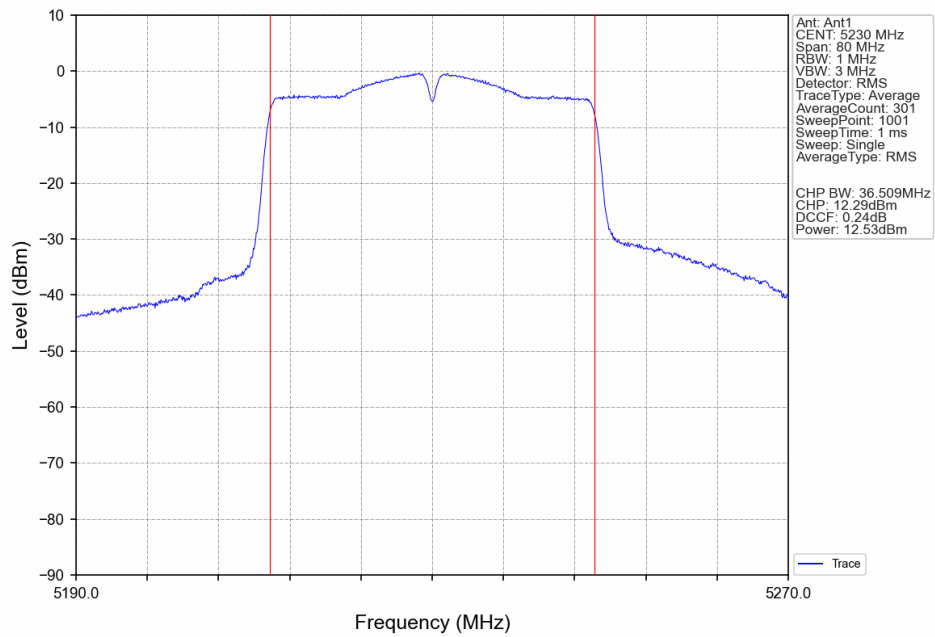
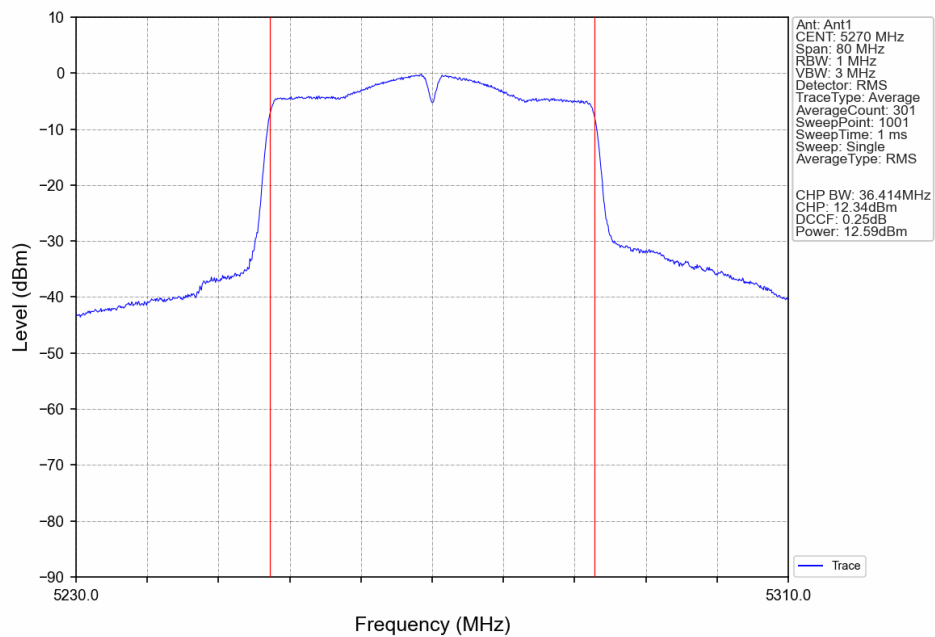


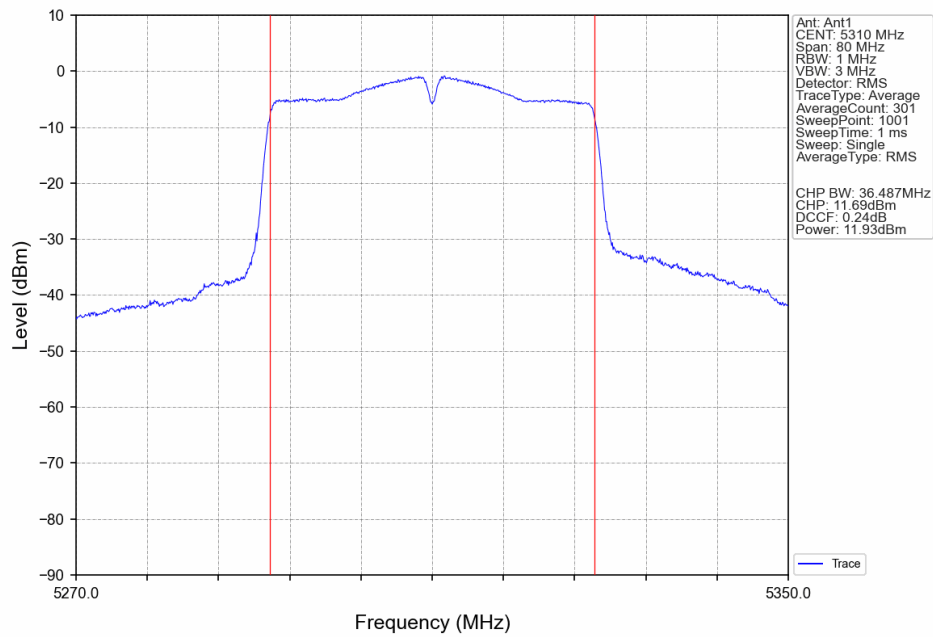
802.11ac(VHT40) HCH 5230MHz Ant1 NTN



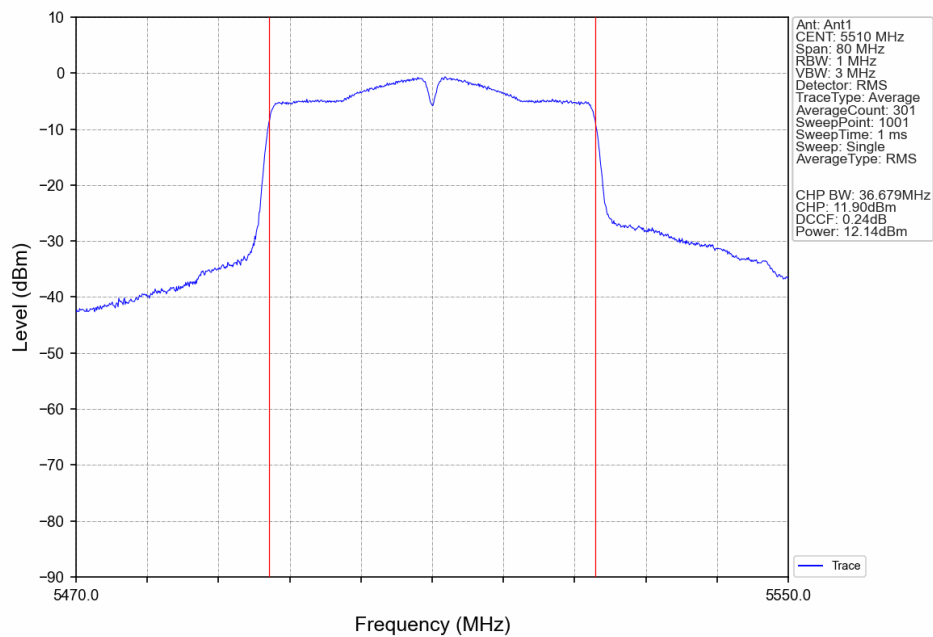
802.11ac(VHT40) LCH 5270MHz Ant1 NTN



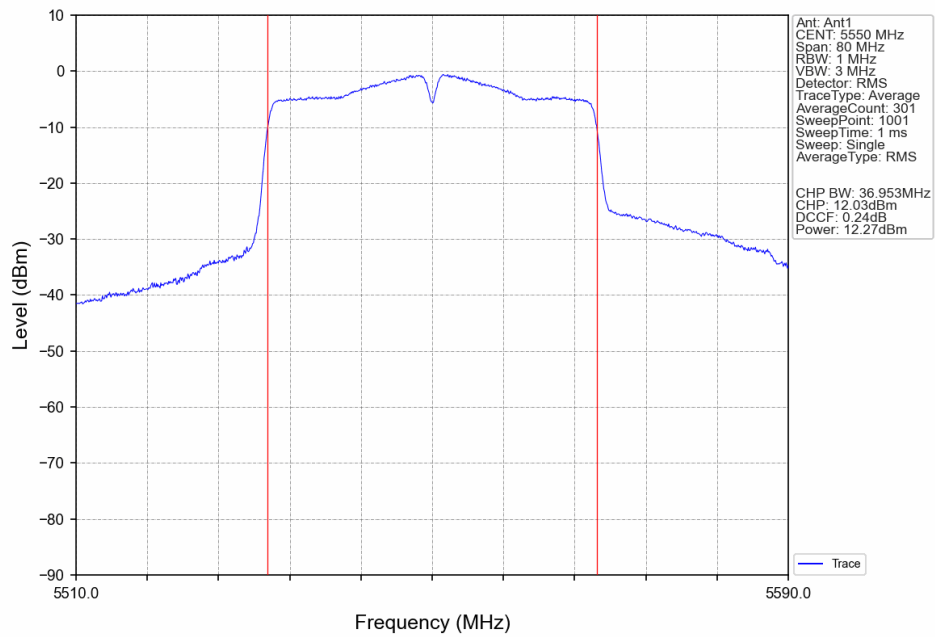
802.11ac(VHT40) HCH 5310MHz Ant1 NTN



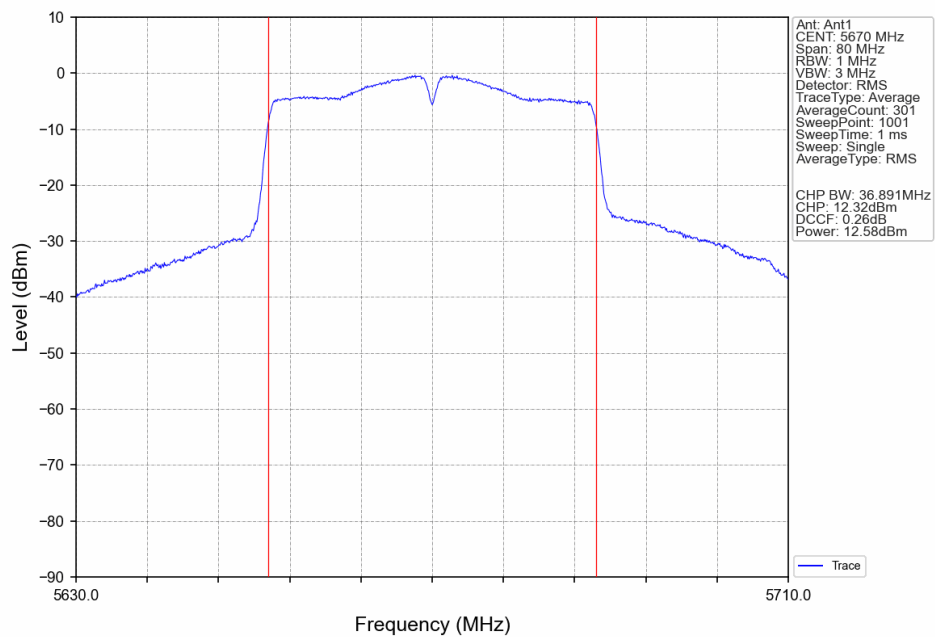
802.11ac(VHT40) LCH 5510MHz Ant1 NTN



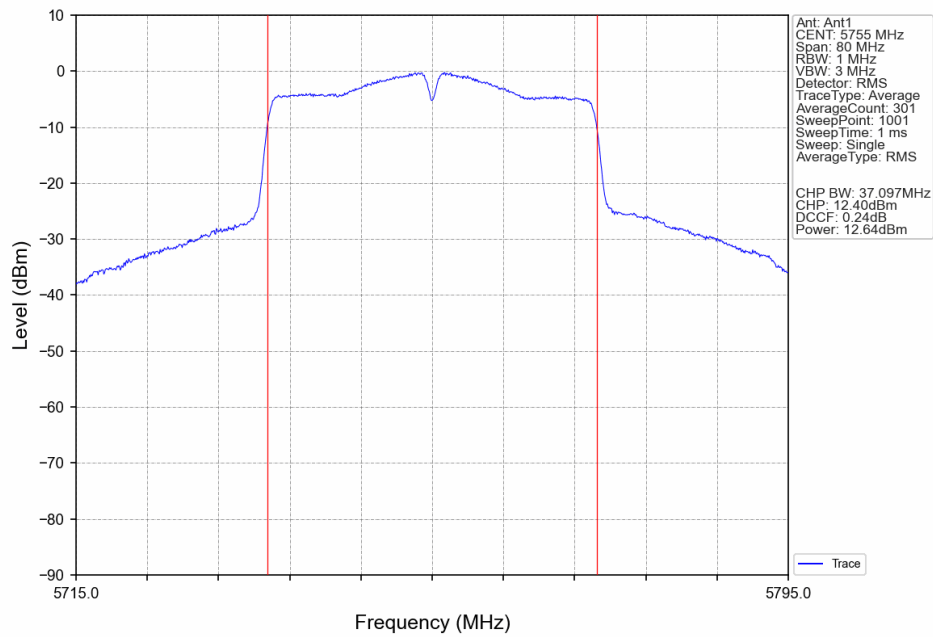
802.11ac(VHT40) MCH 5550MHz Ant1 NTN



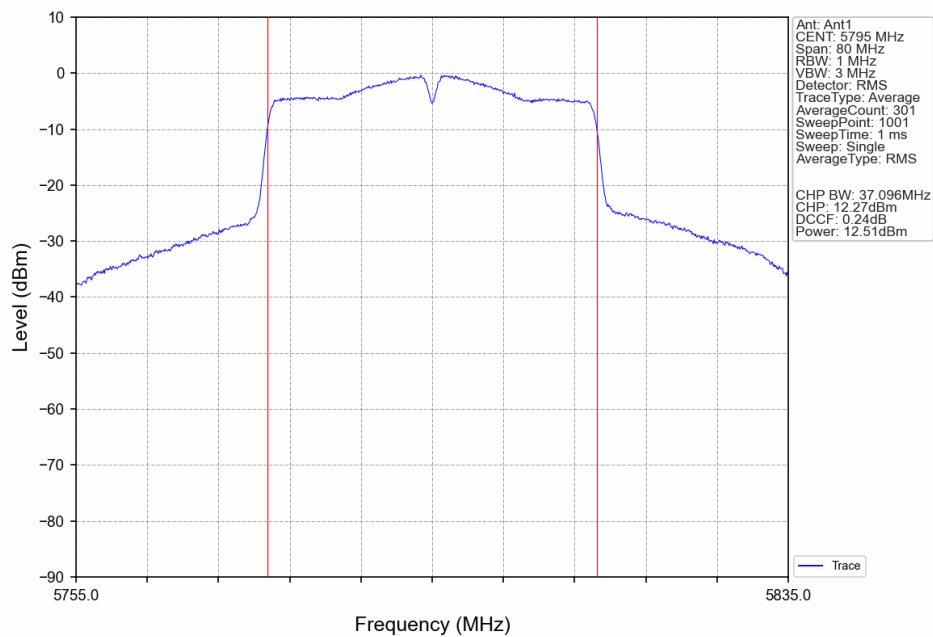
802.11ac(VHT40) HCH 5670MHz Ant1 NTN



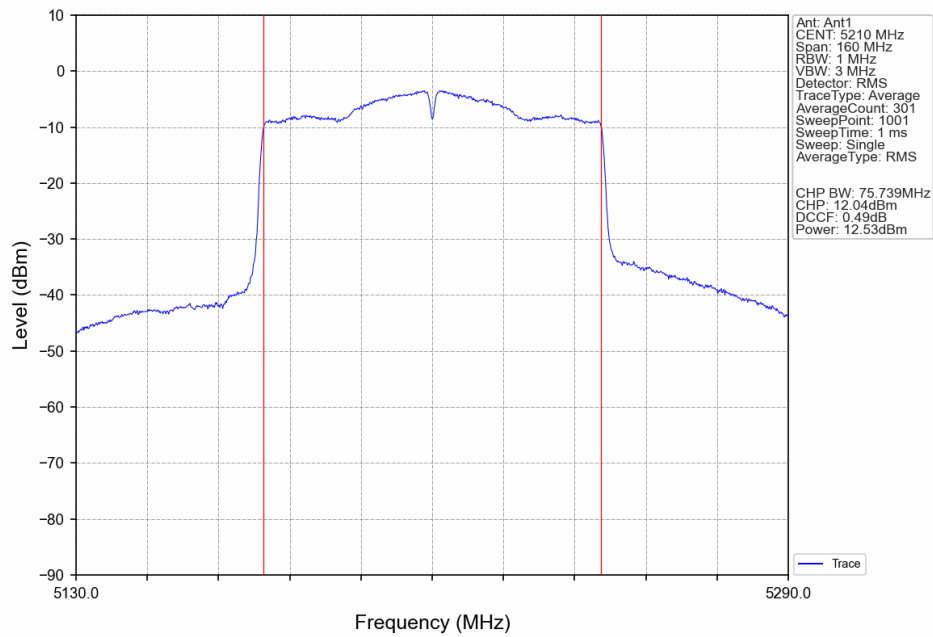
802.11ac(VHT40) LCH 5755MHz Ant1 NTV



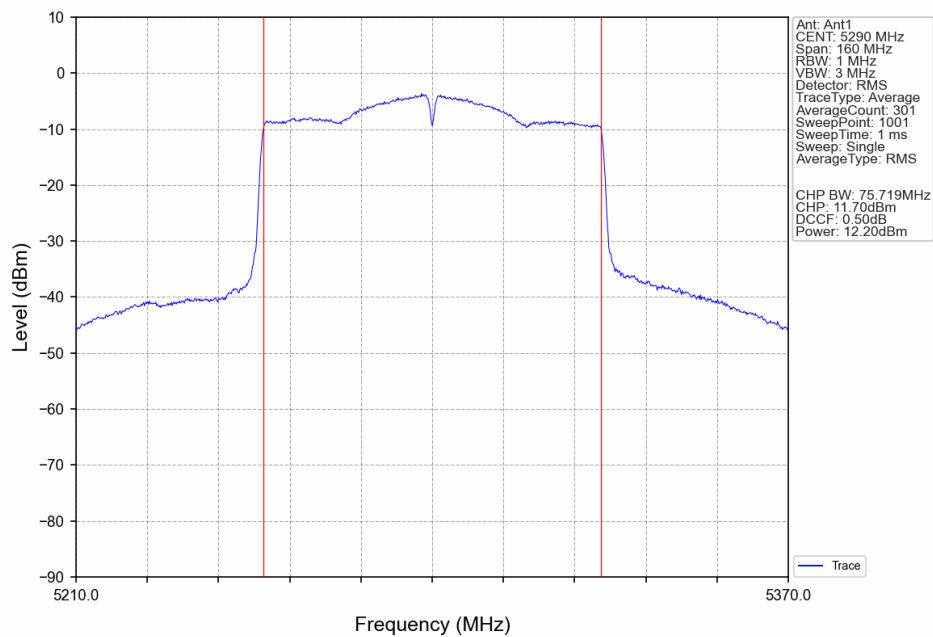
802.11ac(VHT40) HCH 5795MHz Ant1 NTV



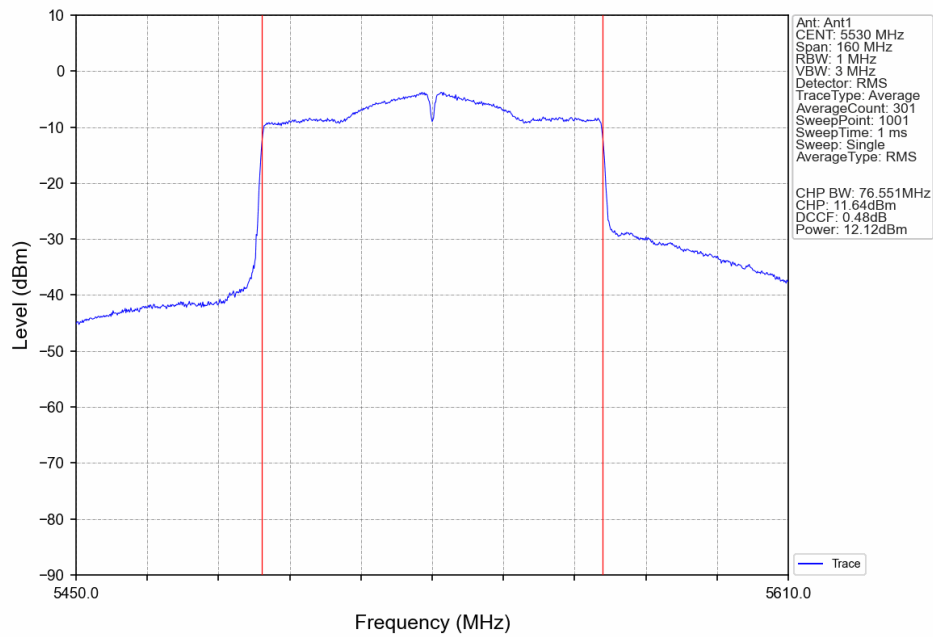
802.11ac(VHT80) MCH 5210MHz Ant1 NTN



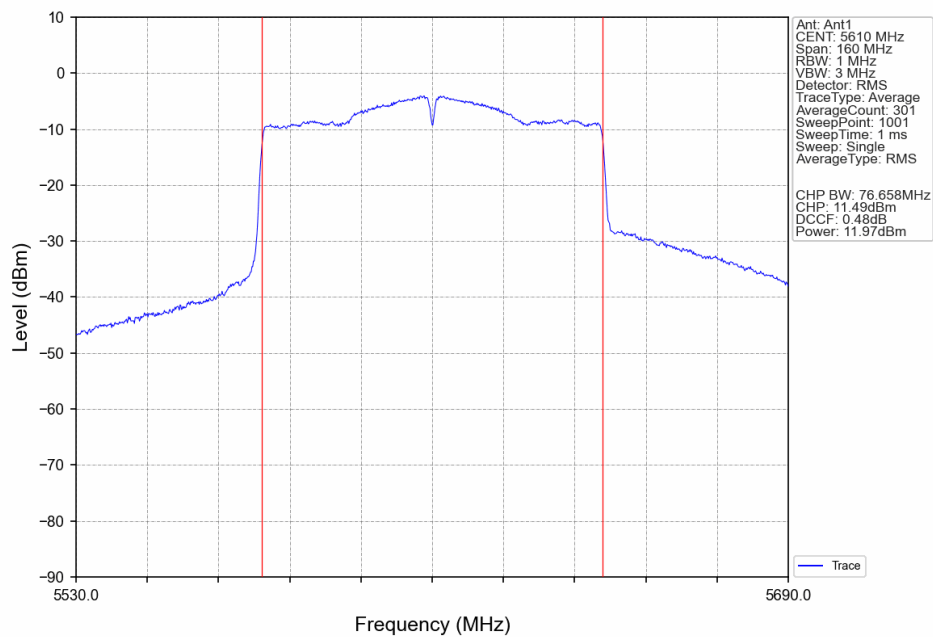
802.11ac(VHT80) MCH 5290MHz Ant1 NTN

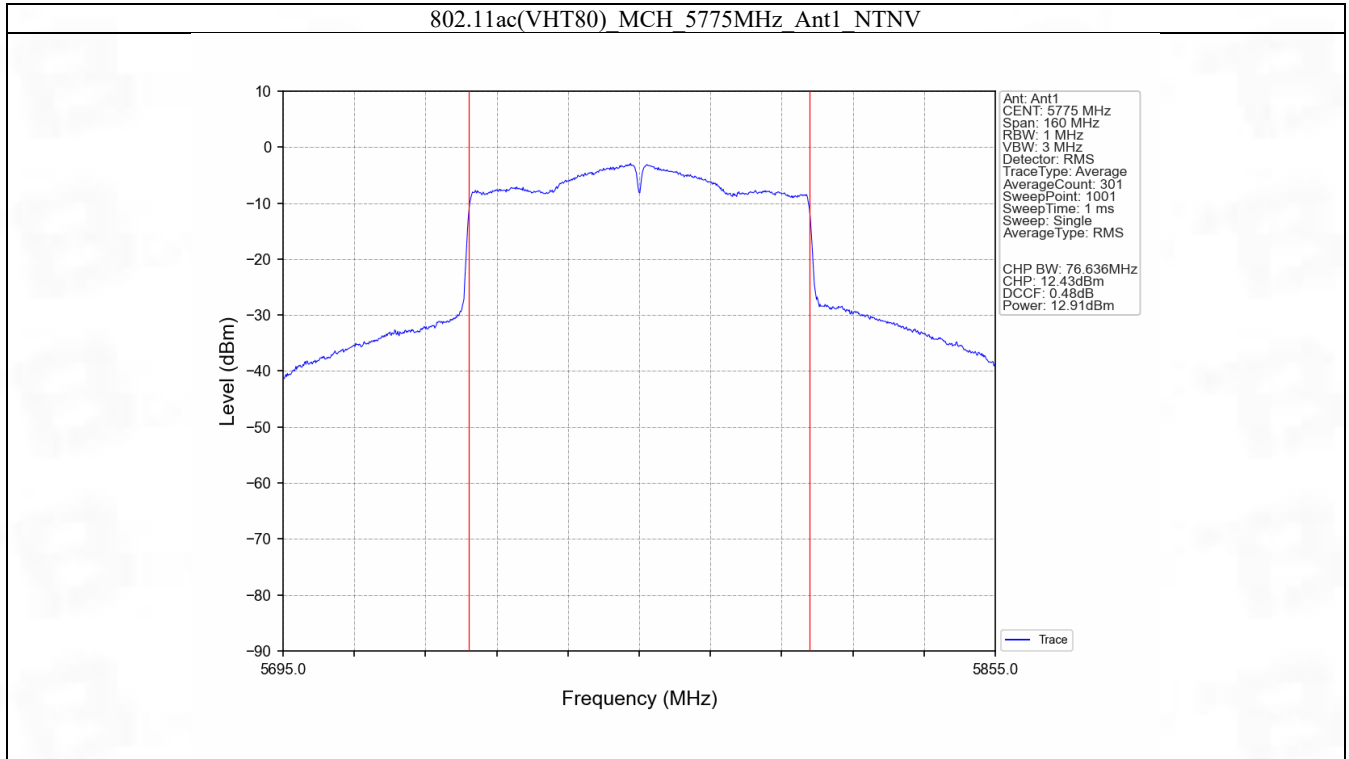


802.11ac(VHT80) LCH 5530MHz Ant1 NTV



802.11ac(VHT80) HCH 5610MHz Ant1 NTV





4. Maximum Power Spectral Density

4.1 Test Result

4.1.1 PSD

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	3.68	<=11	Pass
		5200	3.24	<=11	Pass
		5240	3.16	<=11	Pass
		5260	3.05	<=11	Pass
		5300	2.72	<=11	Pass
		5320	4.30	<=11	Pass
		5500	2.99	<=11	Pass
		5580	2.78	<=11	Pass
5700	2.60	<=11	Pass		
802.11n (HT20)	SISO	5180	4.63	<=11	Pass
		5200	2.51	<=11	Pass
		5240	2.67	<=11	Pass
		5260	2.51	<=11	Pass
		5300	2.11	<=11	Pass
		5320	2.31	<=11	Pass
		5500	2.48	<=11	Pass
		5580	1.99	<=11	Pass
5700	2.10	<=11	Pass		
802.11n (HT40)	SISO	5190	-0.09	<=11	Pass
		5230	-0.06	<=11	Pass
		5270	-0.09	<=11	Pass
		5310	-0.54	<=11	Pass
		5510	-0.12	<=11	Pass
		5550	-0.23	<=11	Pass
		5670	-0.04	<=11	Pass
802.11ac (VHT20)	SISO	5180	2.72	<=11	Pass
		5200	2.53	<=11	Pass
		5240	2.53	<=11	Pass
		5260	2.38	<=11	Pass
		5300	2.25	<=11	Pass
		5320	2.08	<=11	Pass
		5500	2.56	<=11	Pass
		5580	2.10	<=11	Pass
5700	1.99	<=11	Pass		
802.11ac (VHT40)	SISO	5190	0.02	<=11	Pass
		5230	0.01	<=11	Pass
		5270	0.20	<=11	Pass
		5310	-0.59	<=11	Pass
		5510	-0.39	<=11	Pass
		5550	-0.24	<=11	Pass
		5670	-0.07	<=11	Pass
802.11ac (VHT80)	SISO	5210	-3.05	<=11	Pass
		5290	-3.29	<=11	Pass
		5530	-3.12	<=11	Pass
		5610	-3.55	<=11	Pass
Note1: Antenna Gain: - Band: 2C Ant1: 2.78dBi; - Band: 1 Ant1: 2.78dBi; - Band: 3 Ant1: 2.78dBi; - Band: 2A Ant1: 2.78dBi;					

Note1: Antenna Gain:
 - Band: 2C Ant1: 2.78dBi;
 - Band: 1 Ant1: 2.78dBi;
 - Band: 3 Ant1: 2.78dBi;
 - Band: 2A Ant1: 2.78dBi;

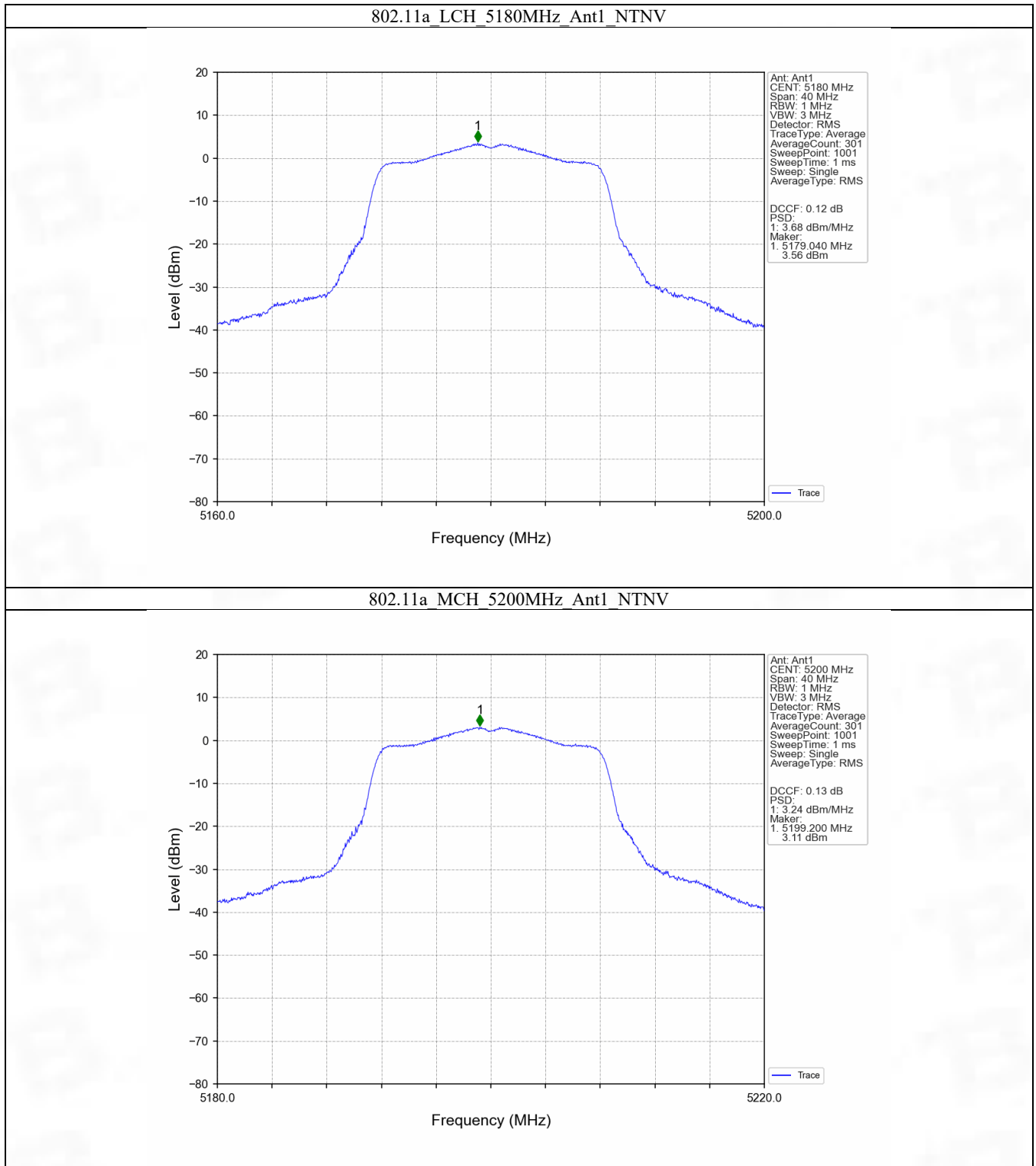
4.1.2 PSD-Band4

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5745	0.38	<=30	Pass
		5785	0.20	<=30	Pass
		5825	-0.08	<=30	Pass
802.11n (HT20)	SISO	5745	-0.01	<=30	Pass
		5785	-0.39	<=30	Pass
		5825	-0.86	<=30	Pass
802.11n (HT40)	SISO	5755	-3.12	<=30	Pass
		5795	-3.20	<=30	Pass
802.11ac (VHT20)	SISO	5745	-0.06	<=30	Pass
		5785	-0.28	<=30	Pass
		5825	-0.46	<=30	Pass
802.11ac (VHT40)	SISO	5755	-2.85	<=30	Pass
		5795	-3.35	<=30	Pass
802.11ac (VHT80)	SISO	5775	-6.09	<=30	Pass

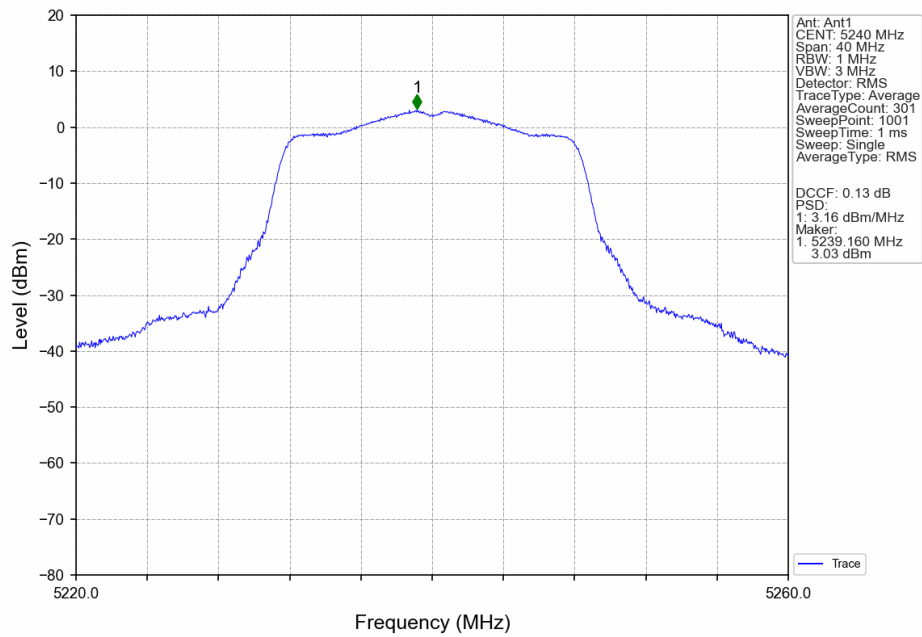
Note1: Antenna Gain:
 - Band: 1 Ant1: 2.78dBi;
 - Band: 3 Ant1: 2.78dBi;
 - Band: 2A Ant1: 2.78dBi;
 - Band: 2C Ant1: 2.78dBi;

4.2 Test Graph

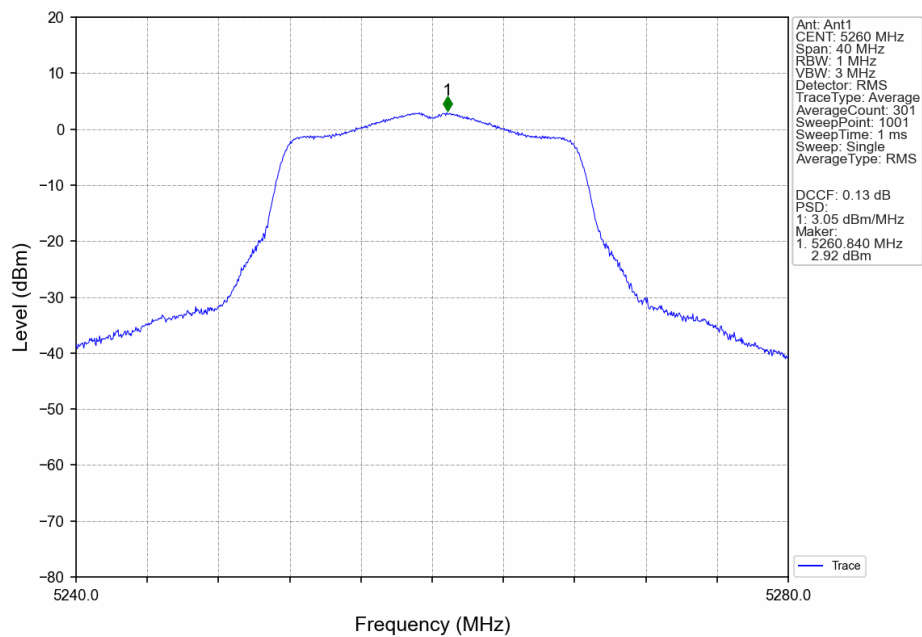
4.2.1 PSD



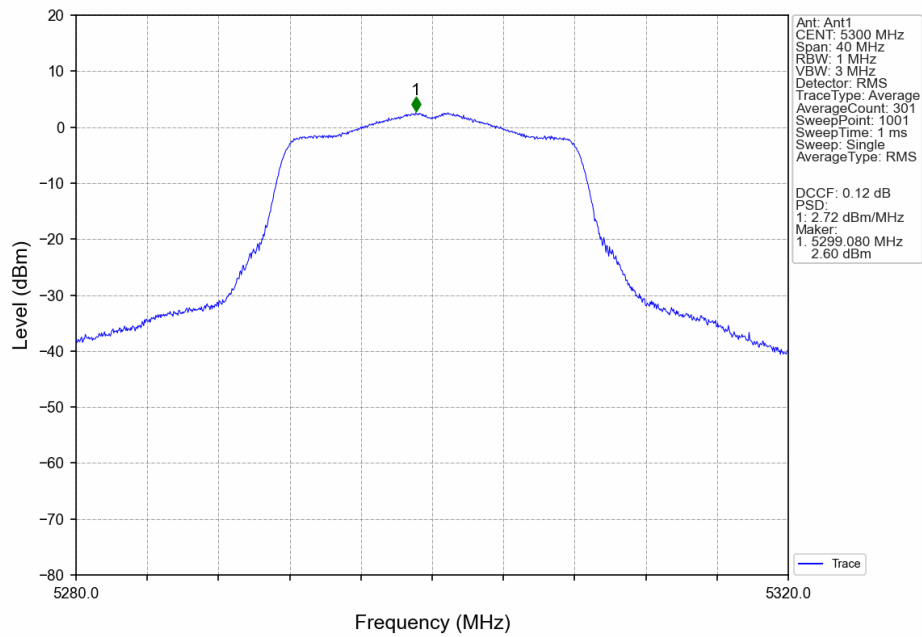
802.11a HCH 5240MHz Ant1 NTN



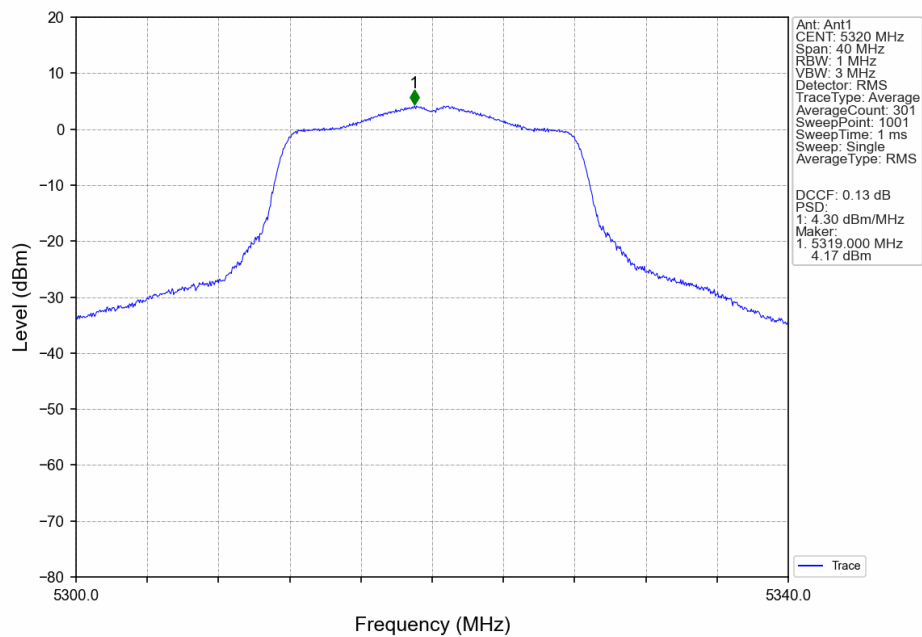
802.11a LCH 5260MHz Ant1 NTN



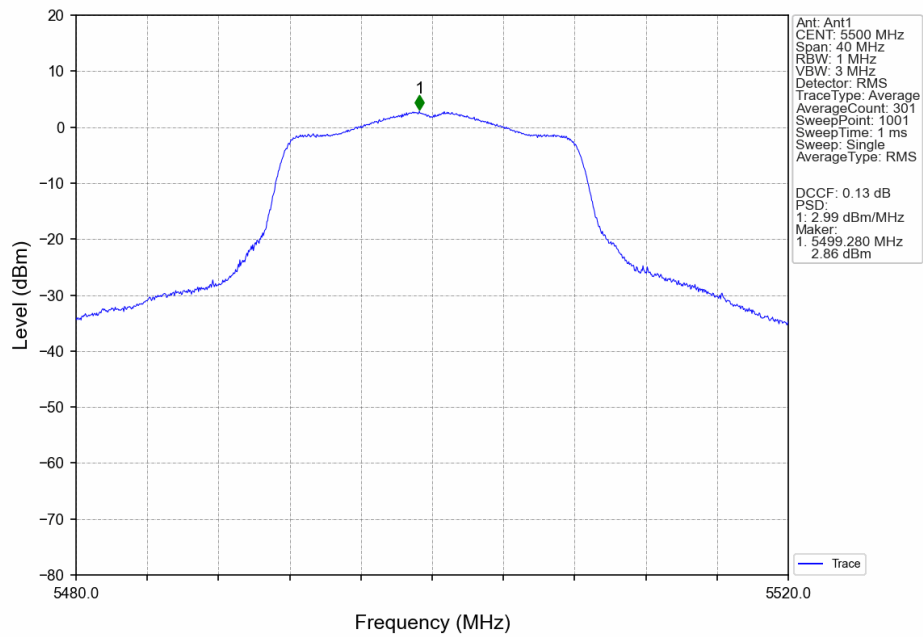
802.11a MCH 5300MHz Ant1 NTN



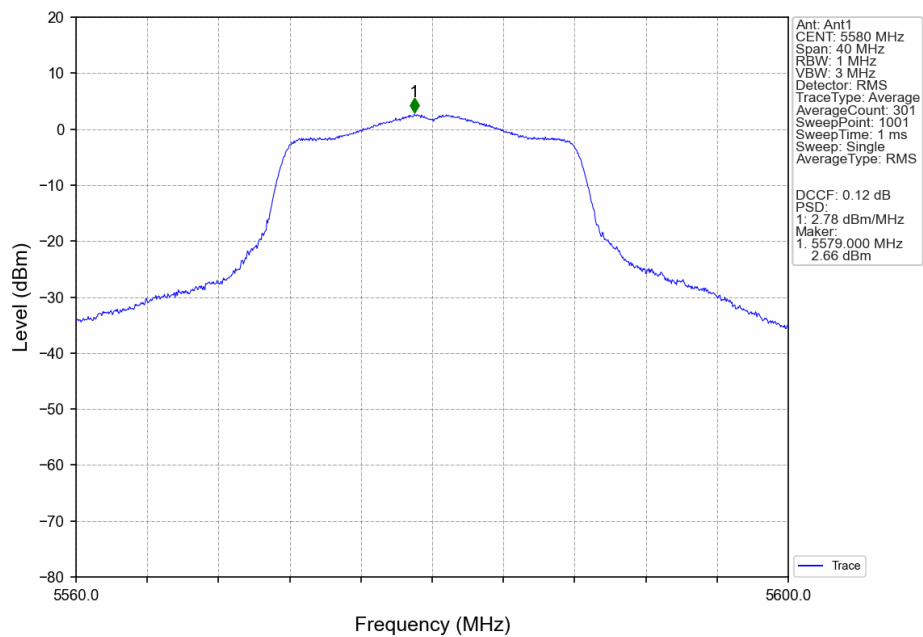
802.11a HCH 5320MHz Ant1 NTN



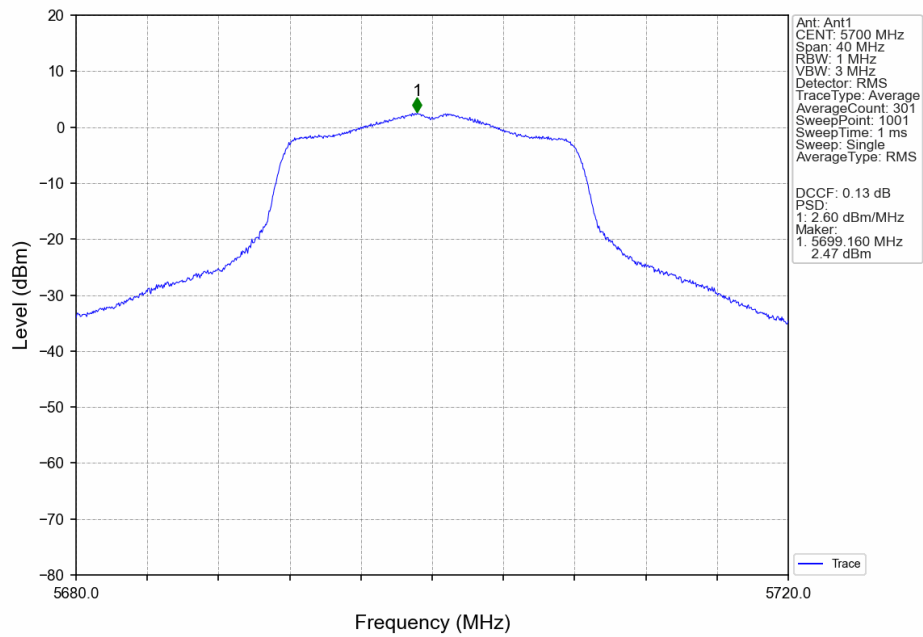
802.11a LCH 5500MHz Ant1 NTN



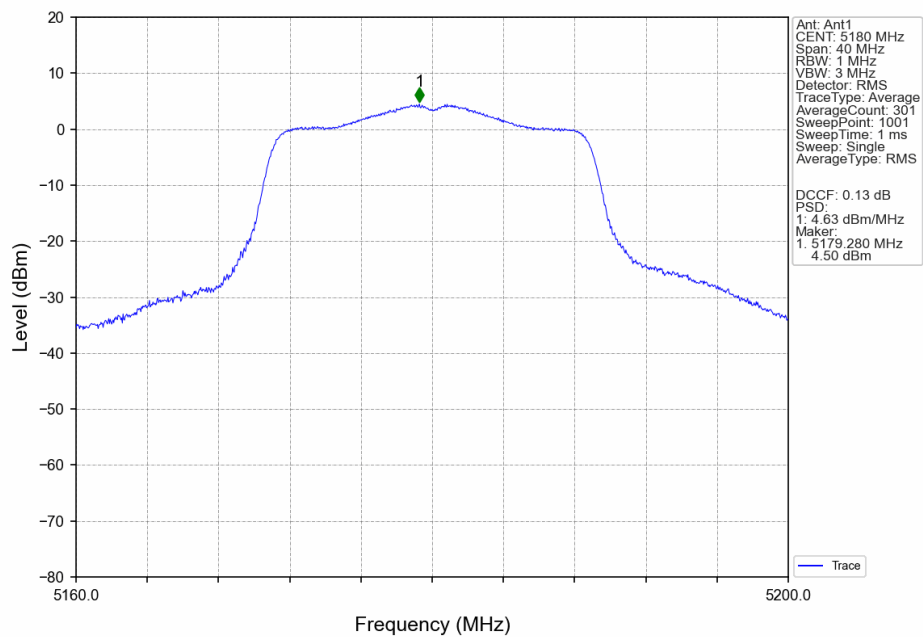
802.11a MCH 5580MHz Ant1 NTN



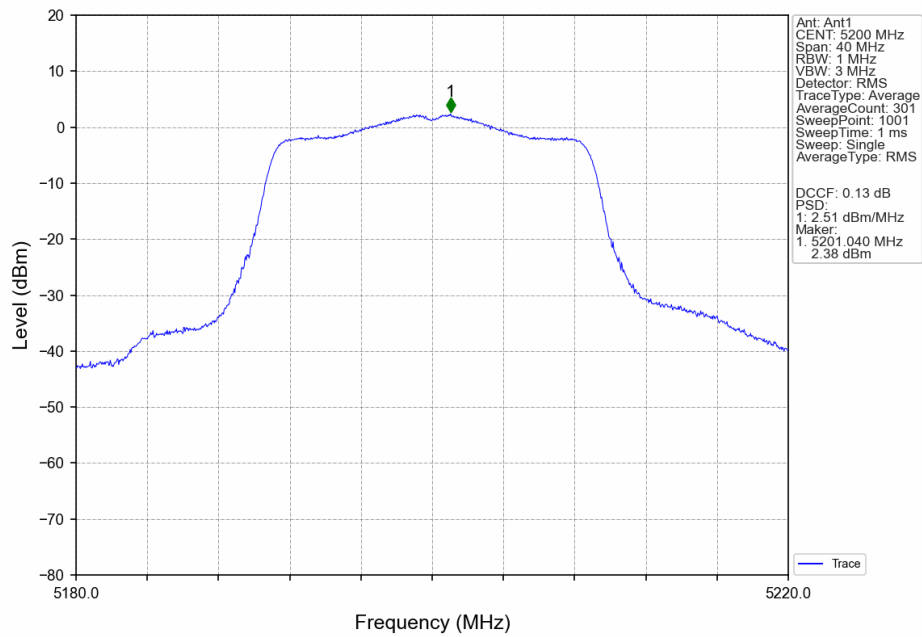
802.11a HCH 5700MHz Ant1 NTN



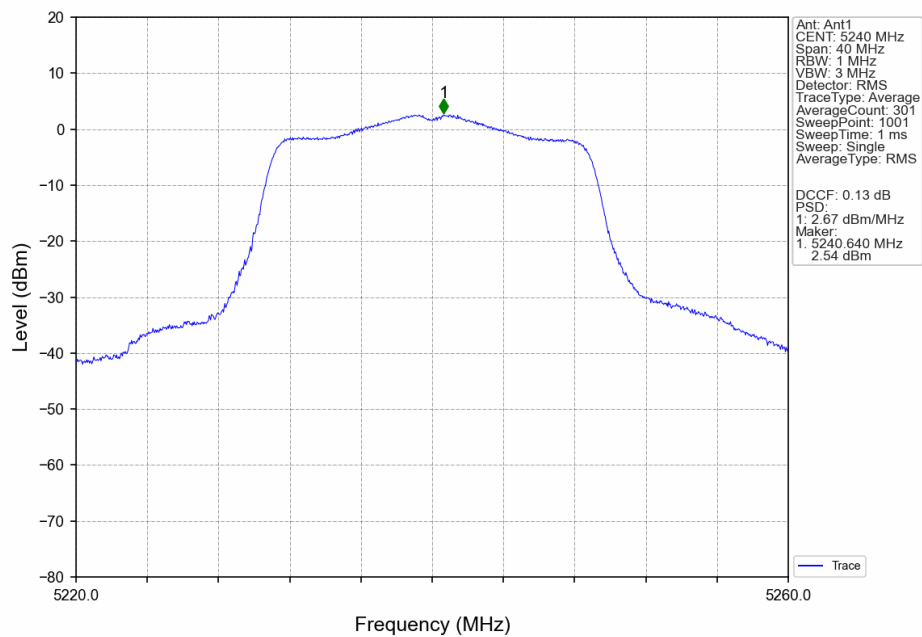
802.11n(HT20) LCH 5180MHz Ant1 NTN



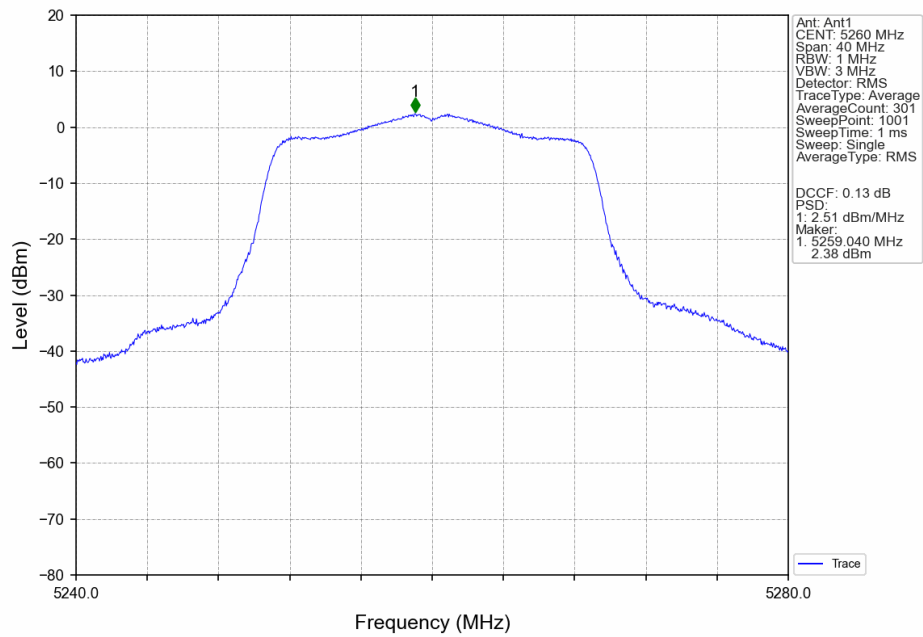
802.11n(HT20) MCH 5200MHz Ant1 NTN



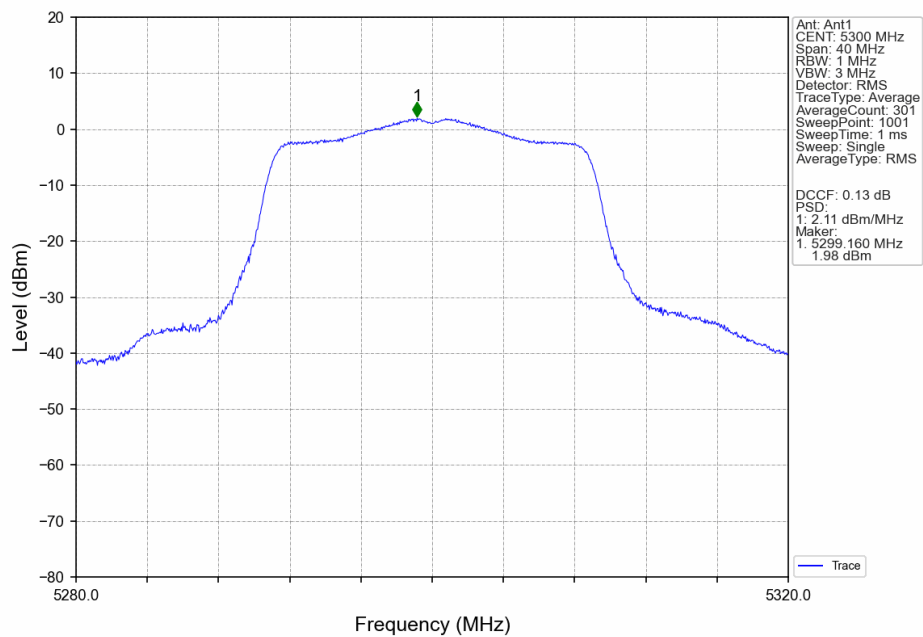
802.11n(HT20) HCH 5240MHz Ant1 NTN



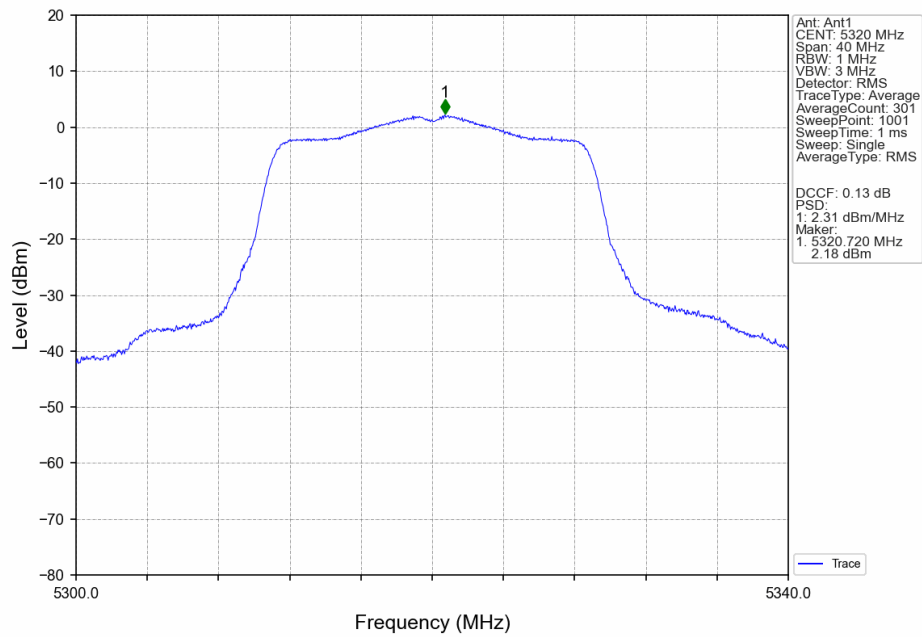
802.11n(HT20) LCH 5260MHz Ant1 NTN



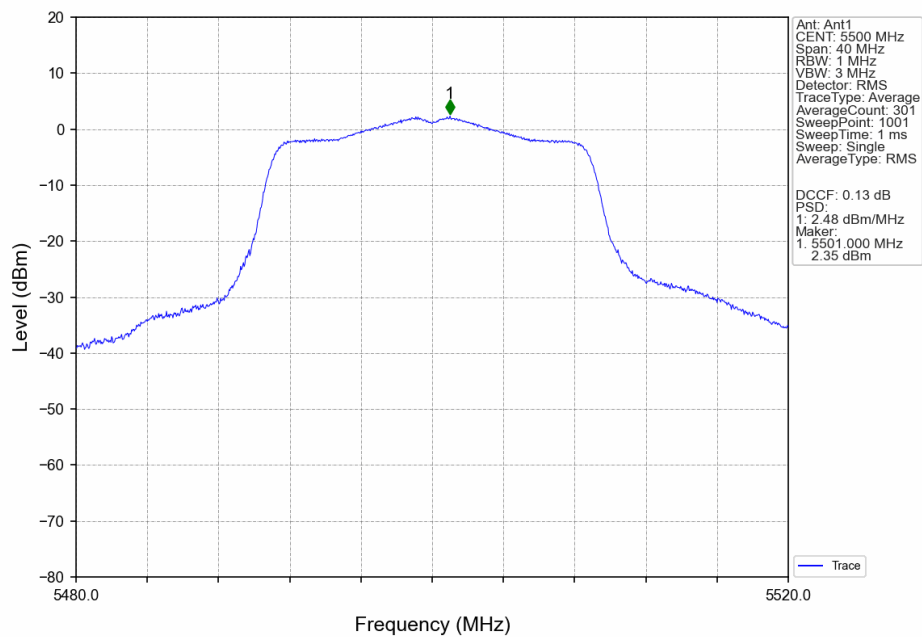
802.11n(HT20) MCH 5300MHz Ant1 NTN



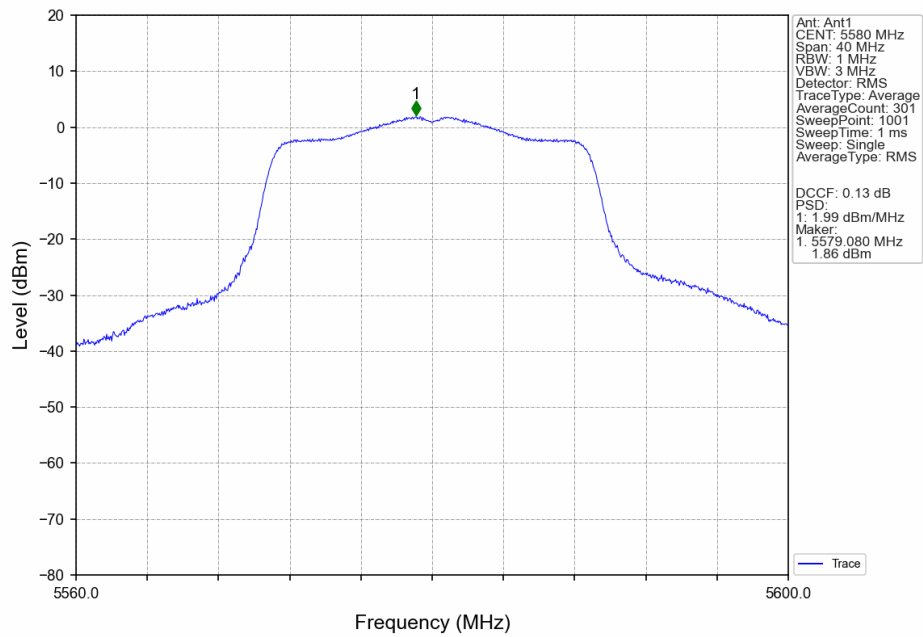
802.11n(HT20) HCH 5320MHz Ant1 NTN



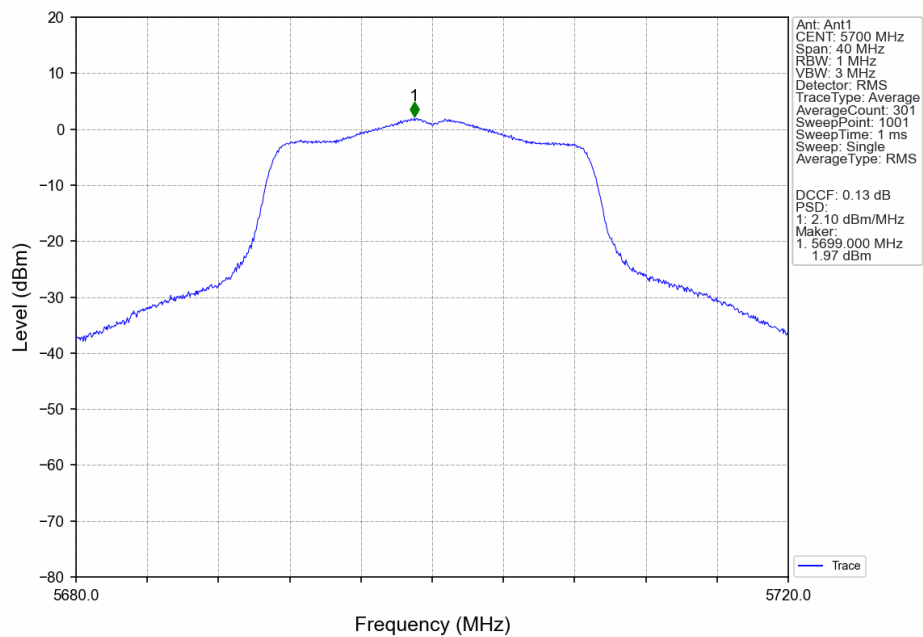
802.11n(HT20) LCH 5500MHz Ant1 NTN



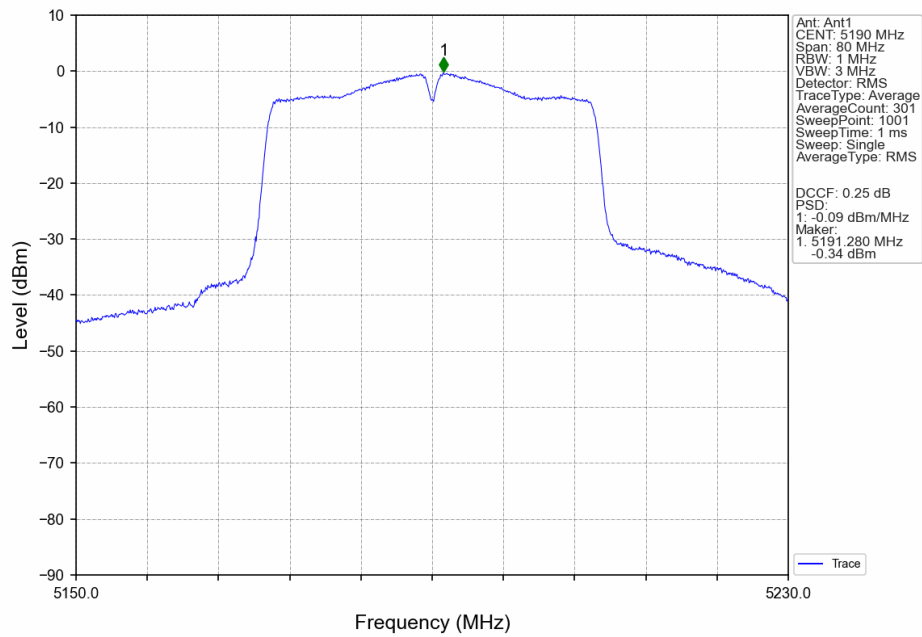
802.11n(HT20) MCH 5580MHz Ant1 NTNV



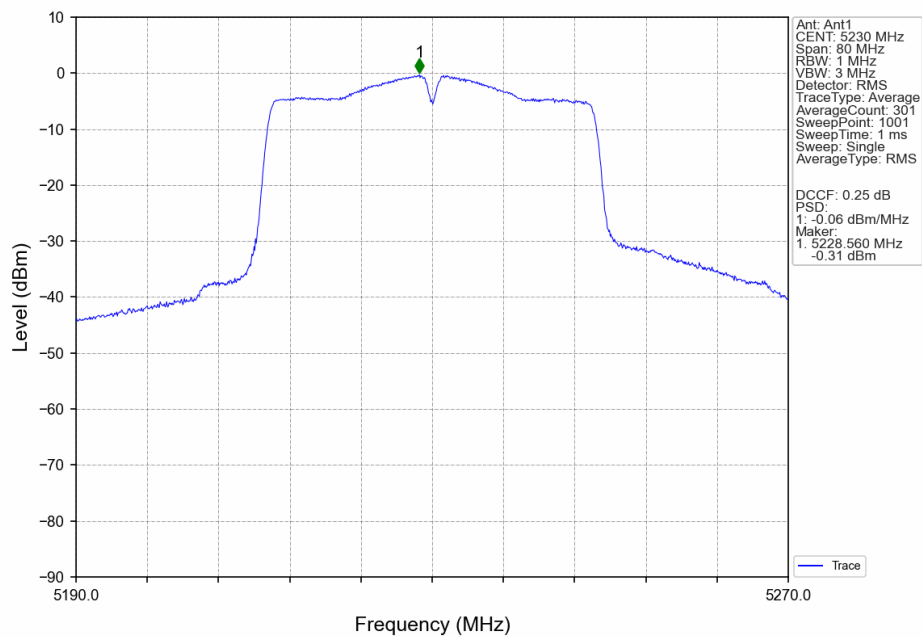
802.11n(HT20) HCH 5700MHz Ant1 NTNV



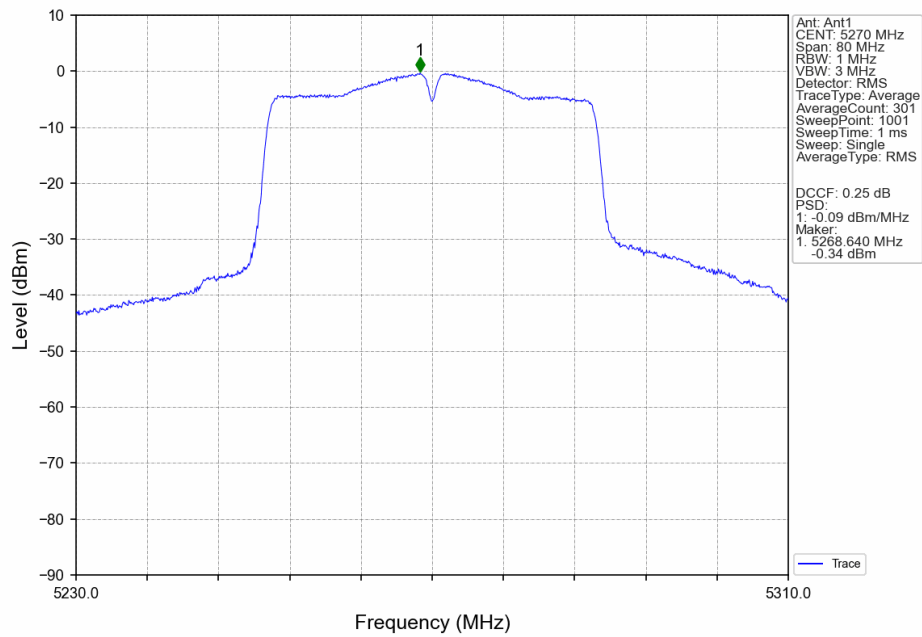
802.11n(HT40) LCH 5190MHz Ant1 NTN



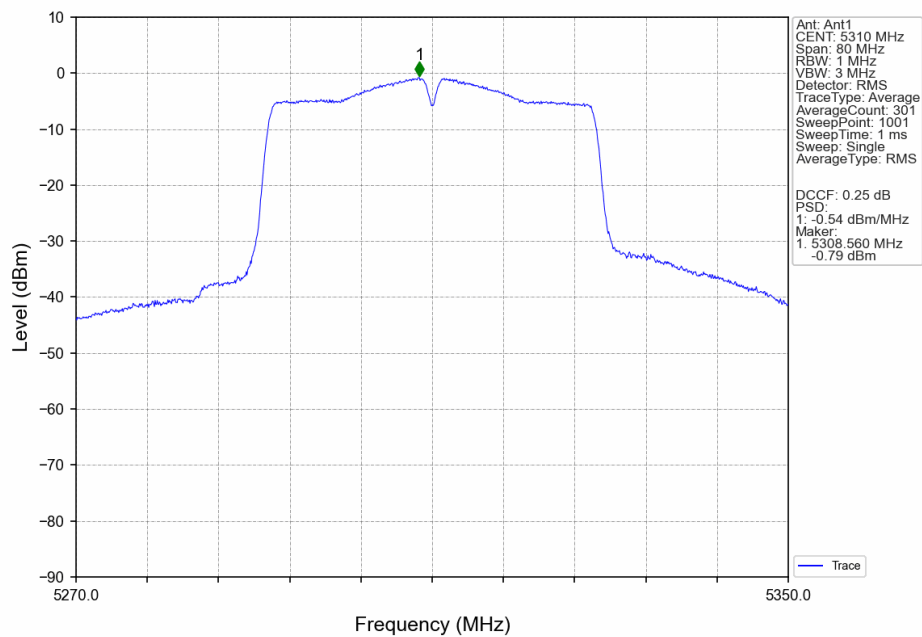
802.11n(HT40) HCH 5230MHz Ant1 NTN



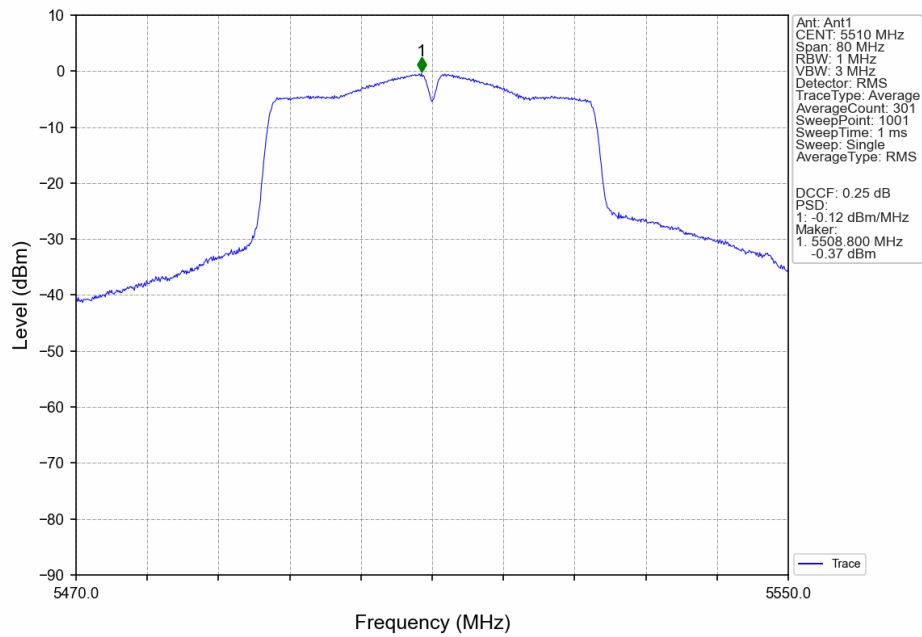
802.11n(HT40) LCH 5270MHz Ant1 NTN



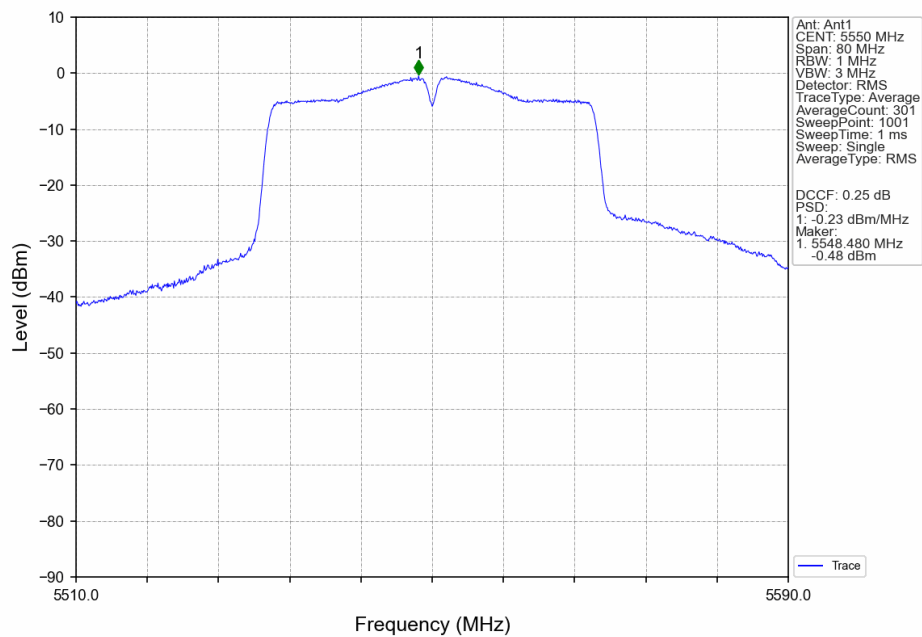
802.11n(HT40) HCH 5310MHz Ant1 NTN



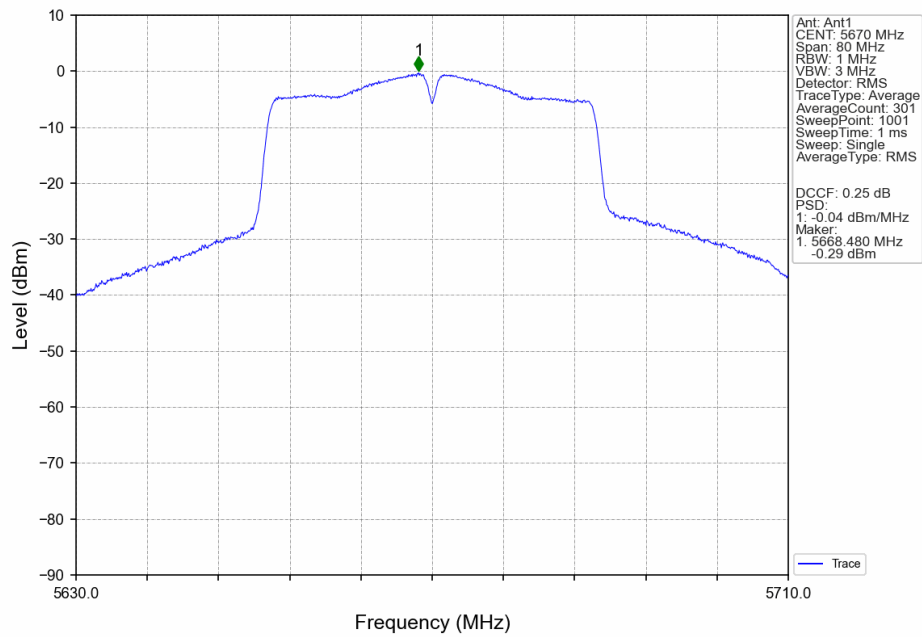
802.11n(HT40) LCH 5510MHz Ant1 NTN



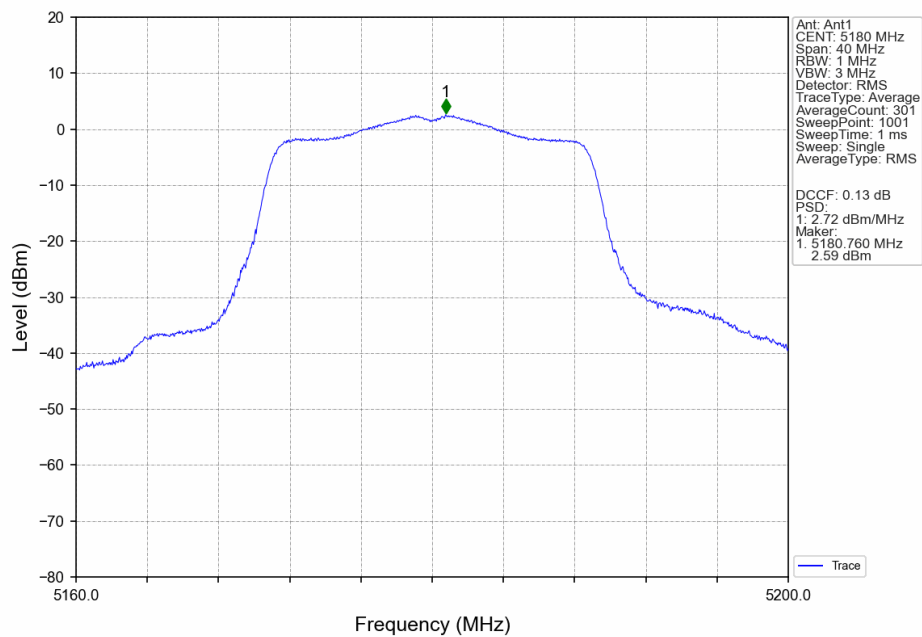
802.11n(HT40) MCH 5550MHz Ant1 NTN



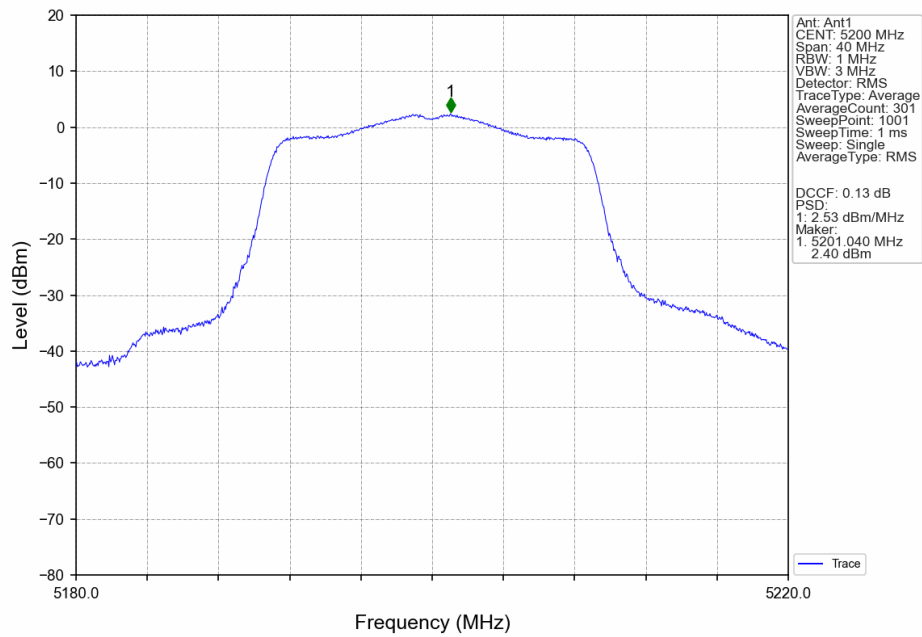
802.11n(HT40) HCH 5670MHz Ant1 NTV



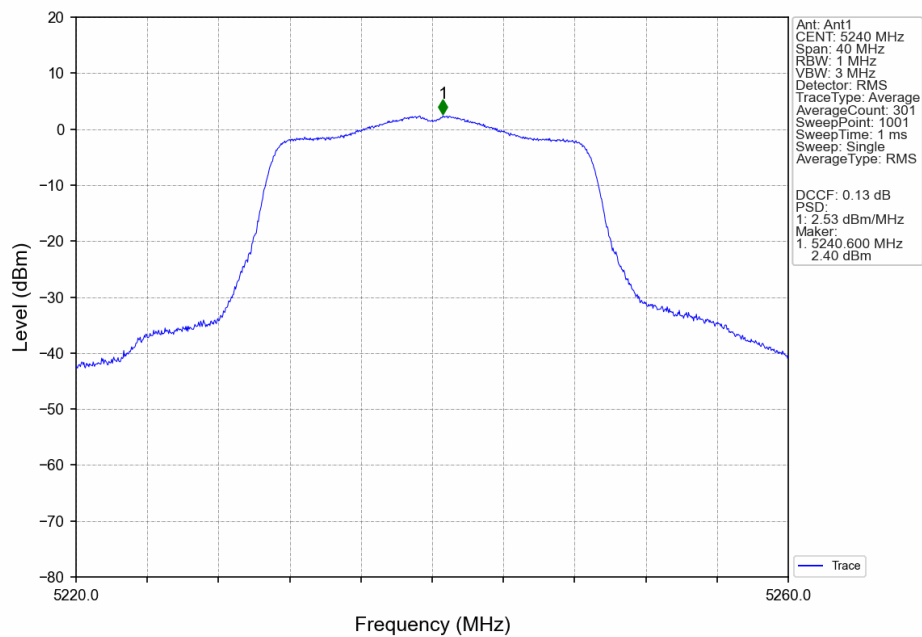
802.11ac(VHT20) LCH 5180MHz Ant1 NTV



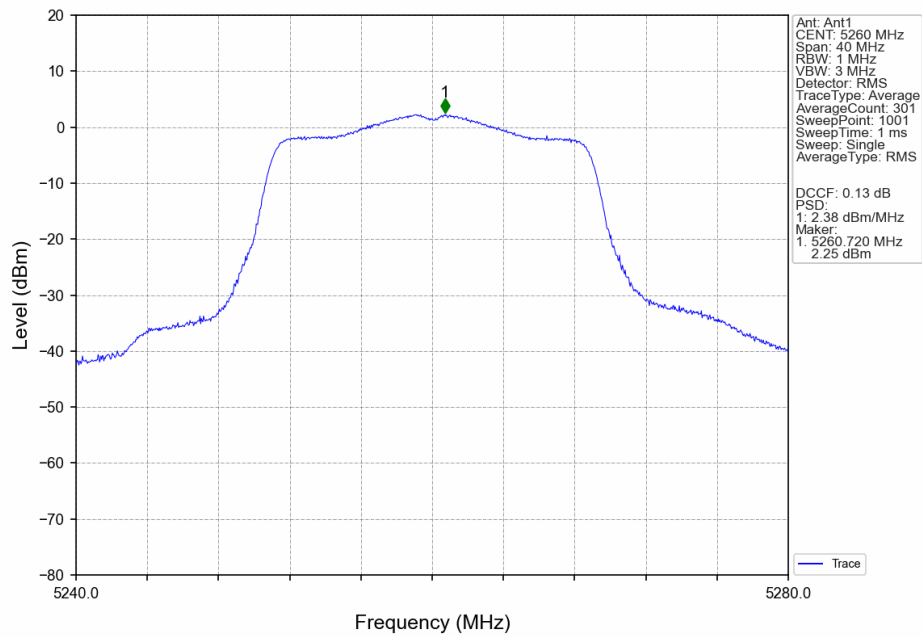
802.11ac(VHT20) MCH 5200MHz Ant1 NTN



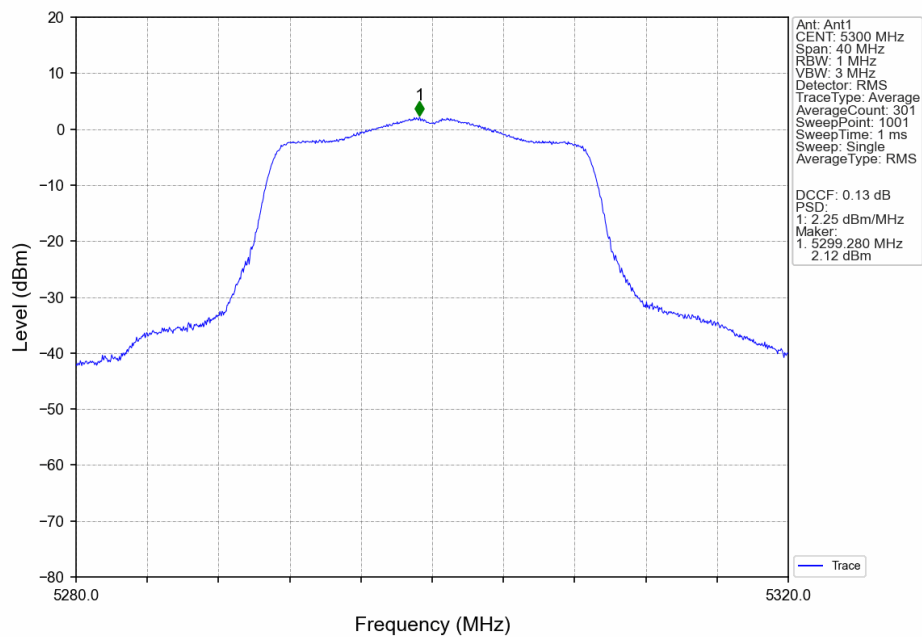
802.11ac(VHT20) HCH 5240MHz Ant1 NTN



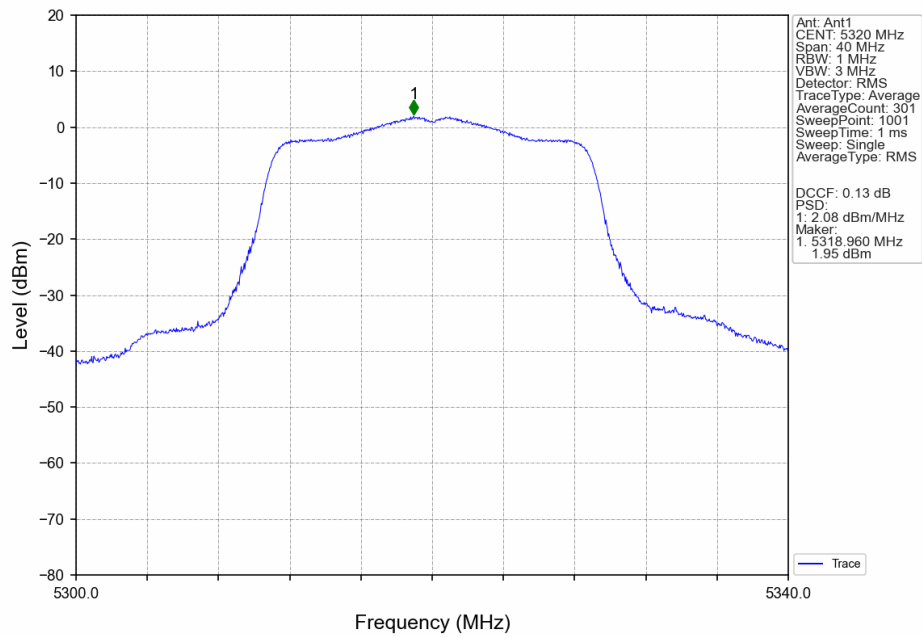
802.11ac(VHT20) LCH 5260MHz Ant1 NTV



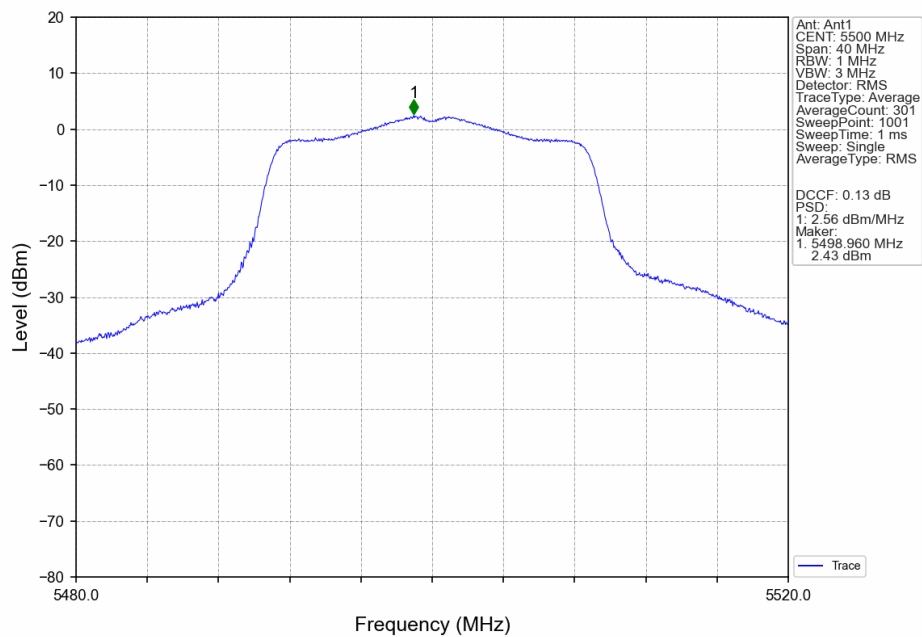
802.11ac(VHT20) MCH 5300MHz Ant1 NTV



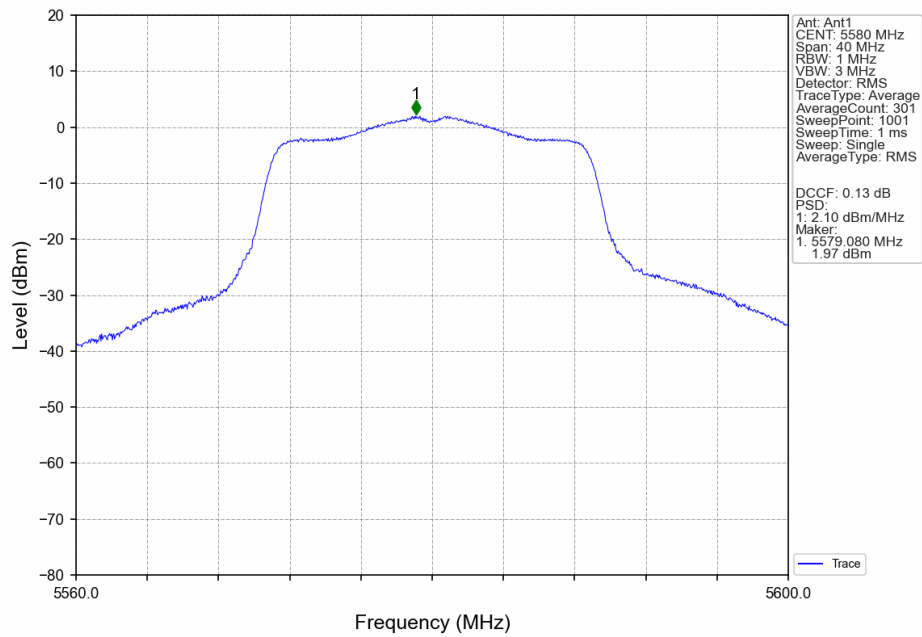
802.11ac(VHT20) HCH 5320MHz Ant1 NTN



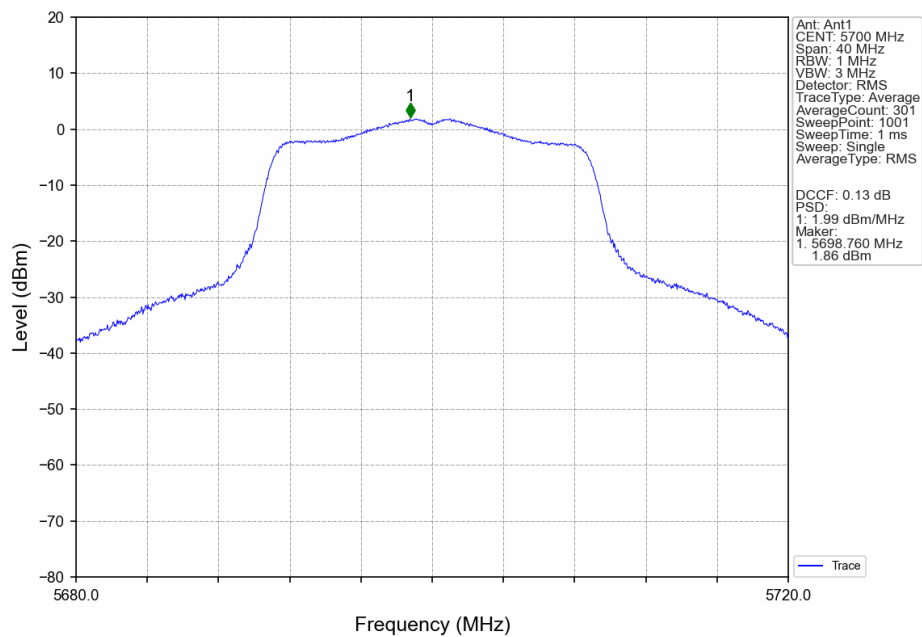
802.11ac(VHT20) LCH 5500MHz Ant1 NTN



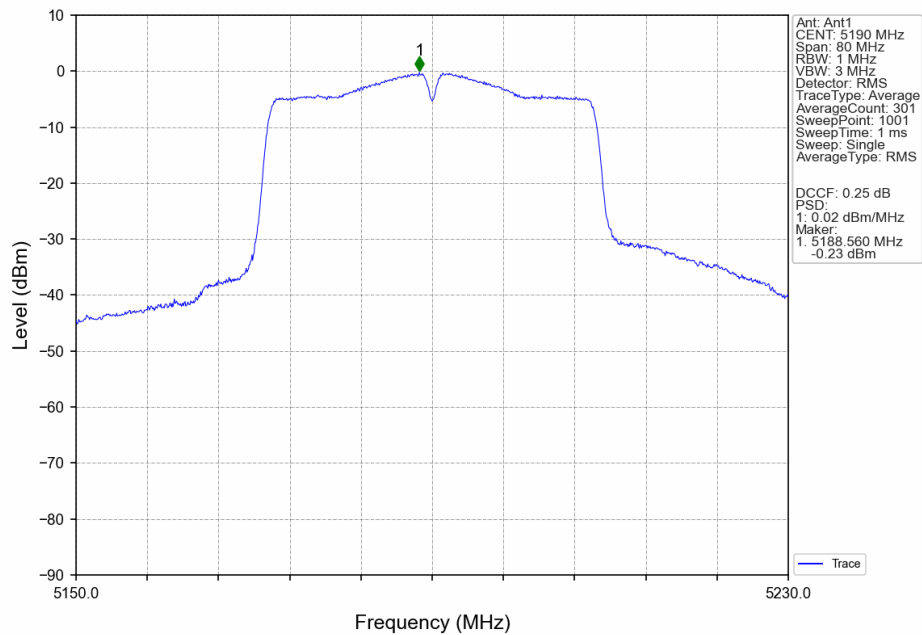
802.11ac(VHT20) MCH 5580MHz Ant1 NTN



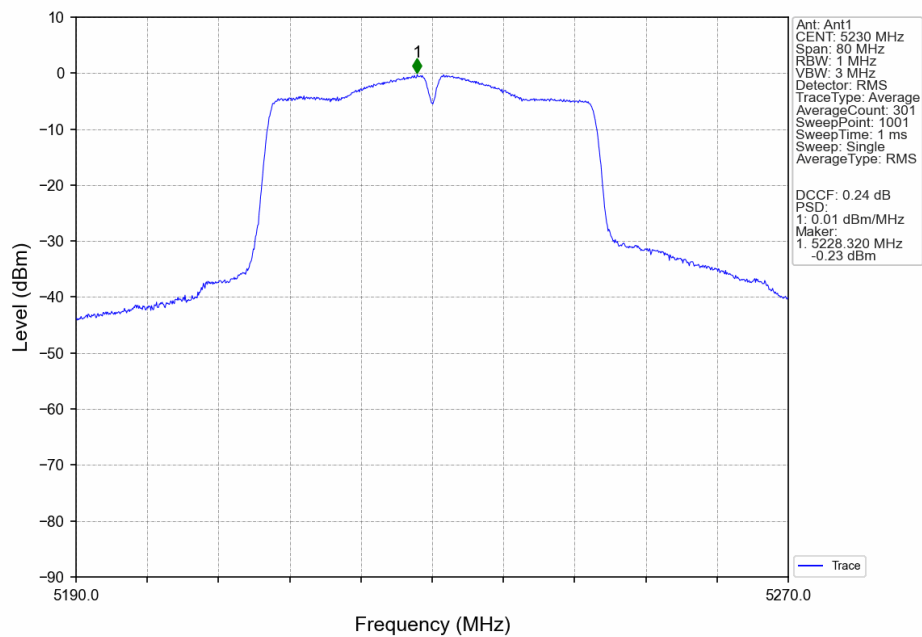
802.11ac(VHT20) HCH 5700MHz Ant1 NTN



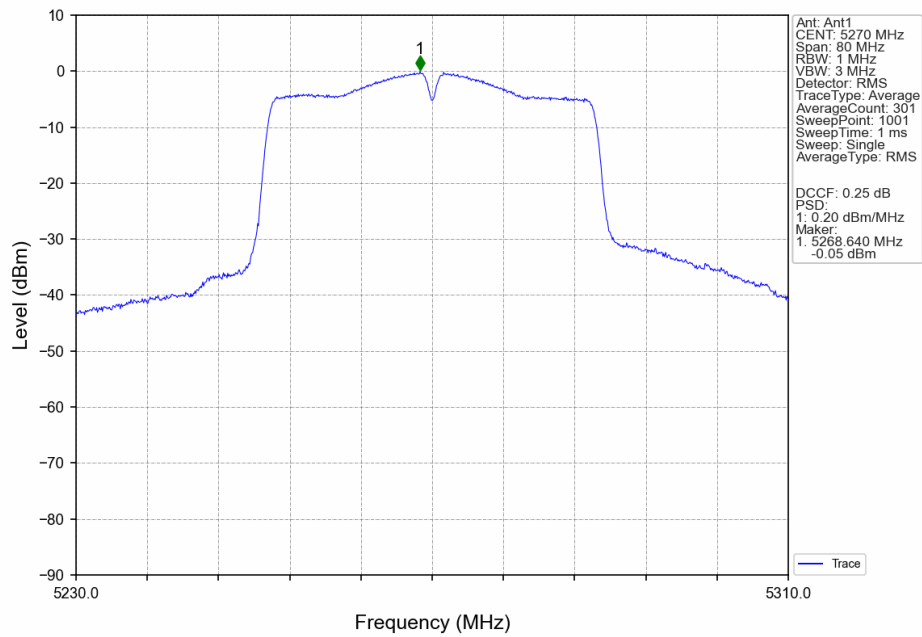
802.11ac(VHT40) LCH 5190MHz Ant1 NTV



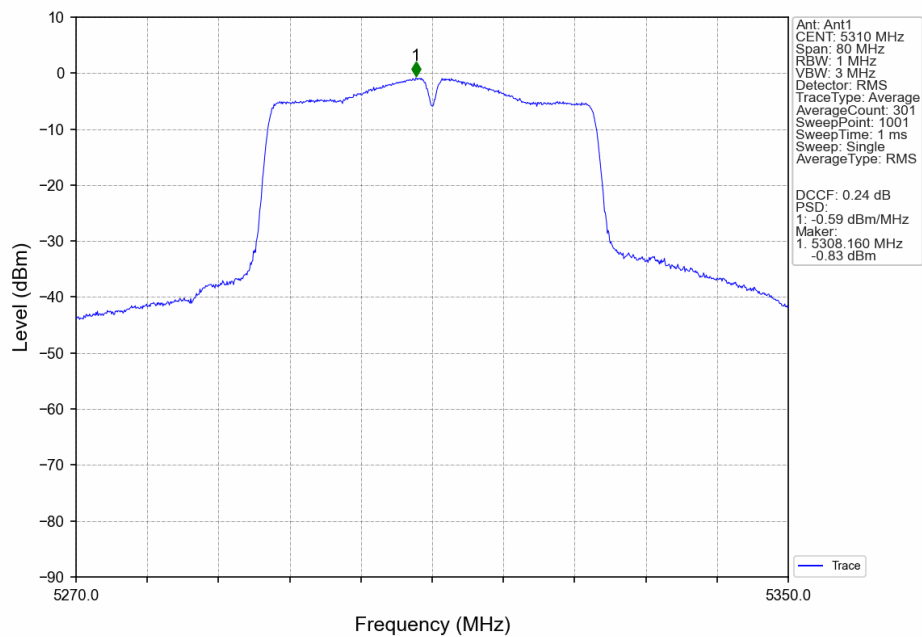
802.11ac(VHT40) HCH 5230MHz Ant1 NTV



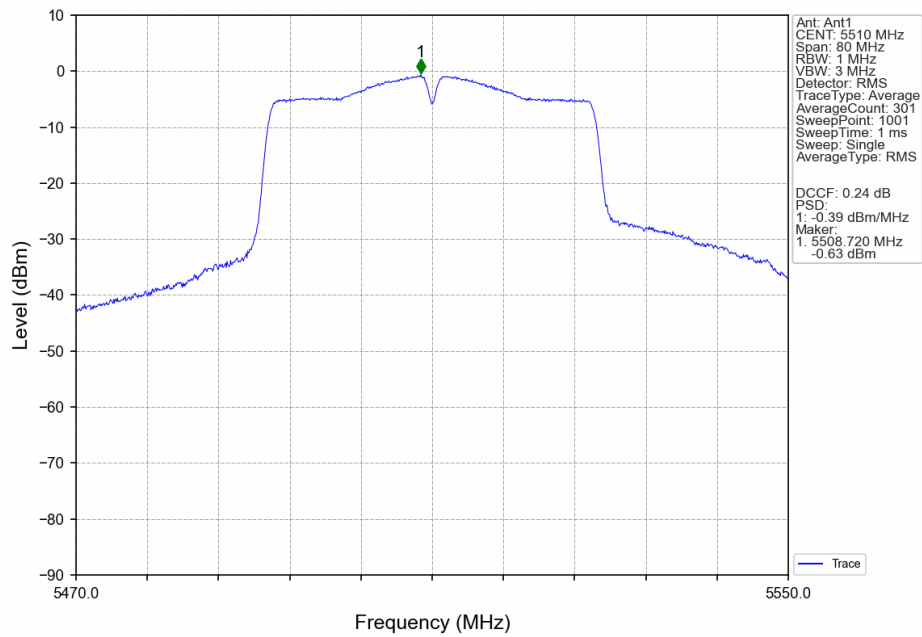
802.11ac(VHT40) LCH 5270MHz Ant1 NTV



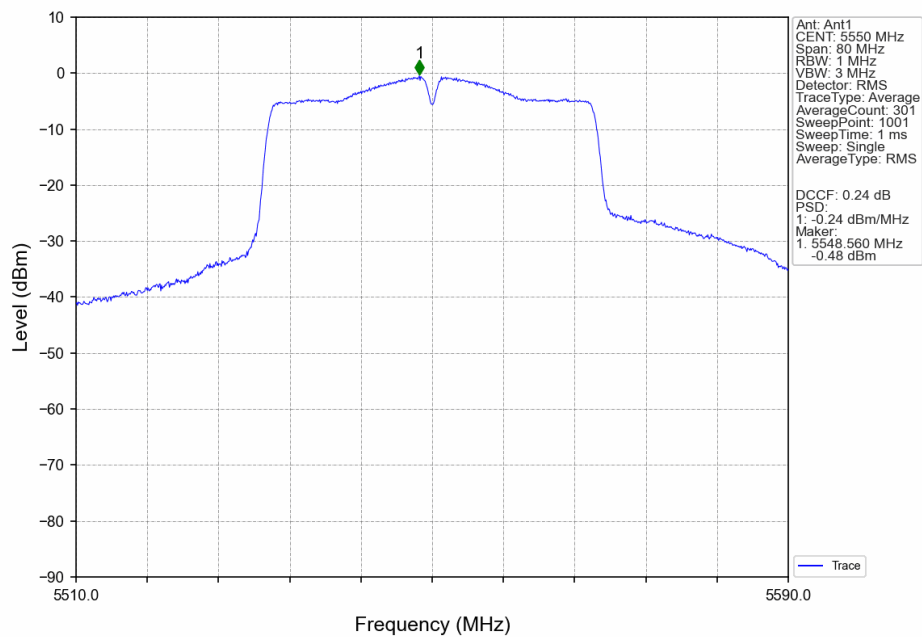
802.11ac(VHT40) HCH 5310MHz Ant1 NTV



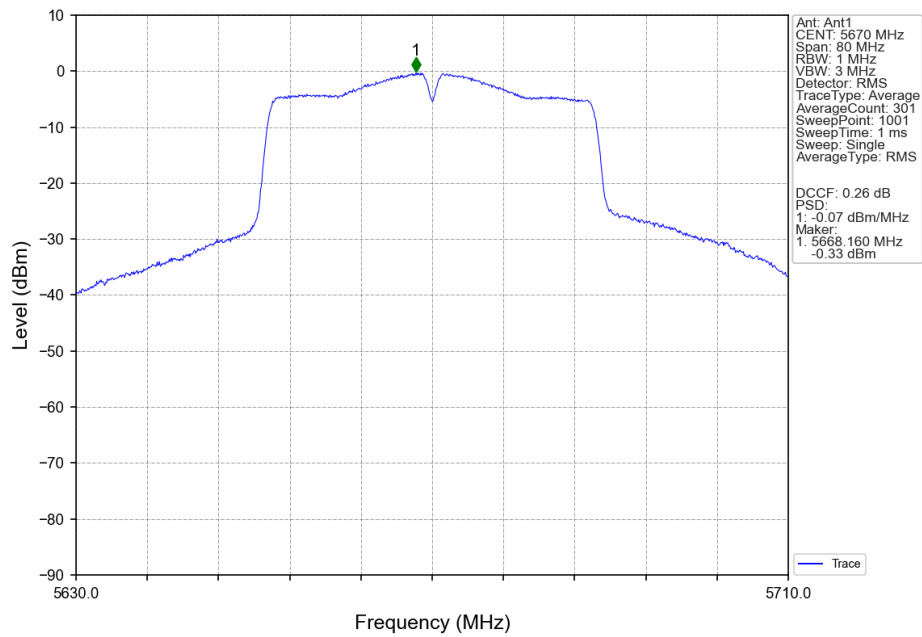
802.11ac(VHT40) LCH 5510MHz Ant1 NTV



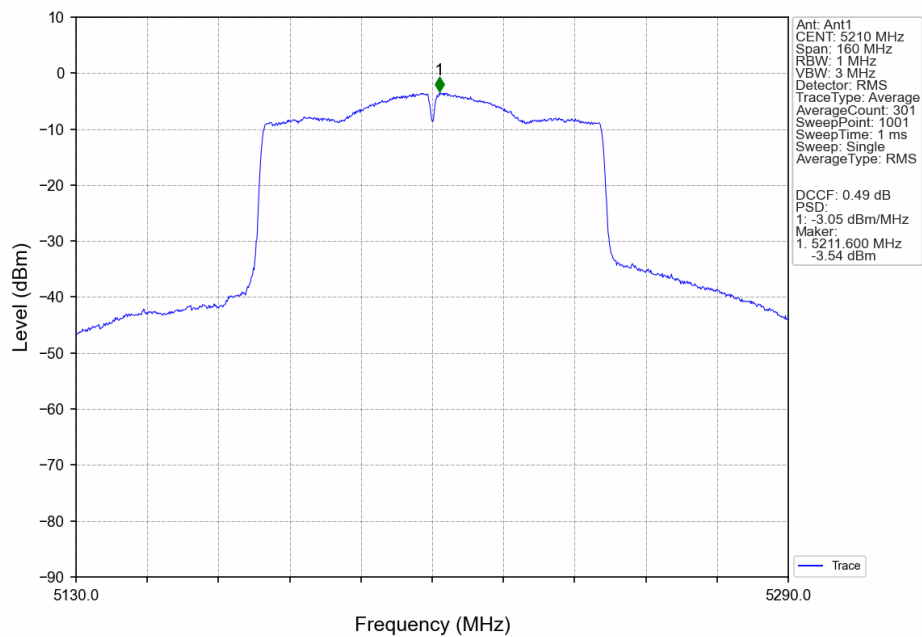
802.11ac(VHT40) MCH 5550MHz Ant1 NTV



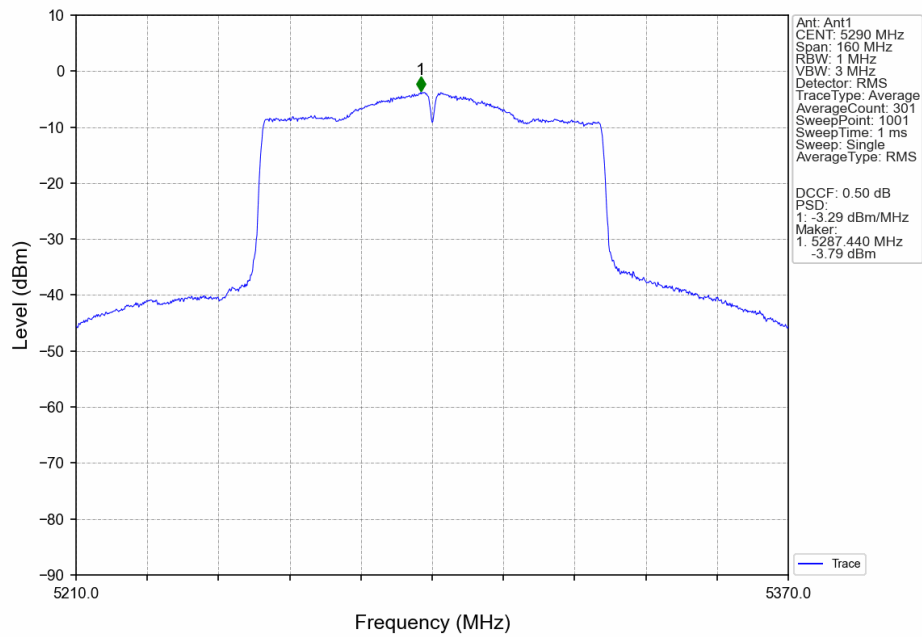
802.11ac(VHT40) HCH 5670MHz Ant1 NTN



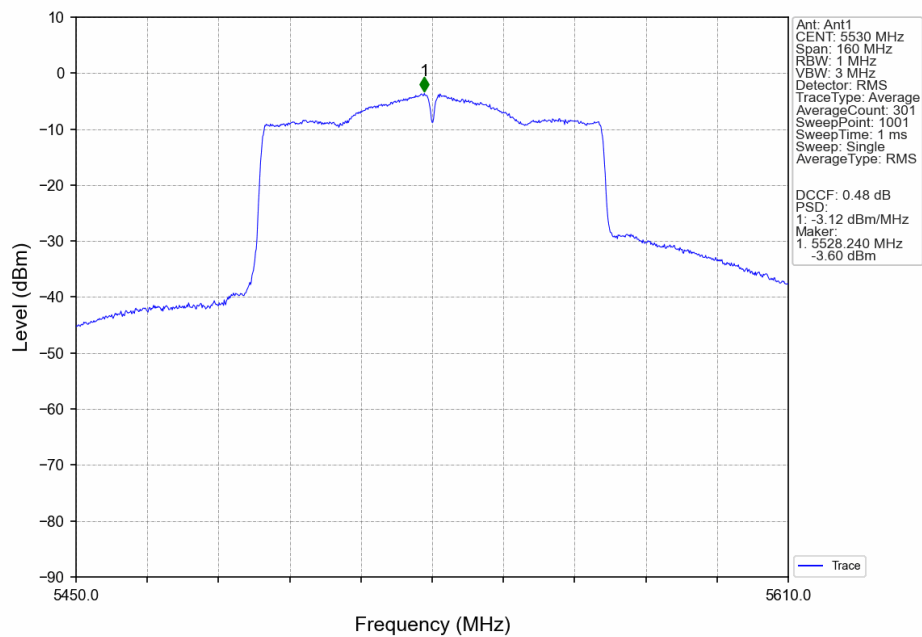
802.11ac(VHT80) MCH 5210MHz Ant1 NTN

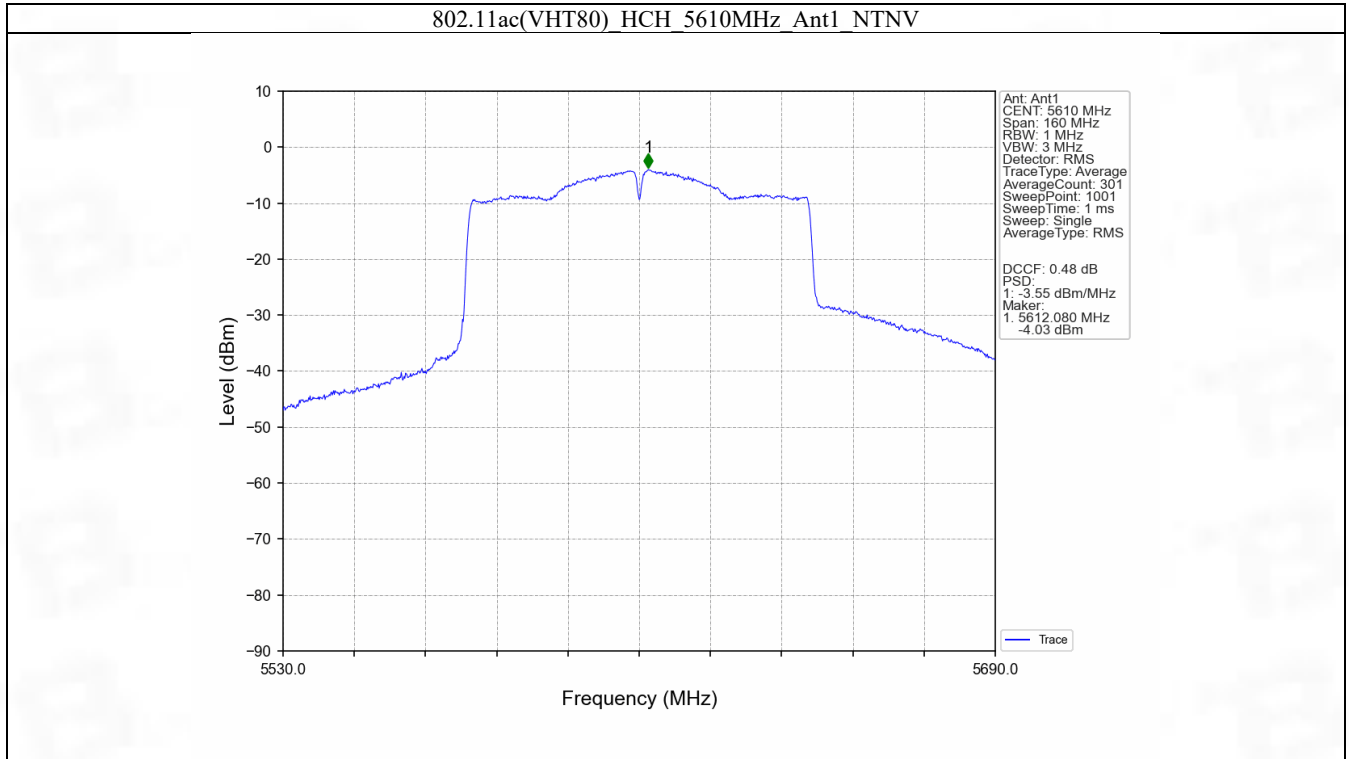


802.11ac(VHT80) MCH 5290MHz Ant1 NTN

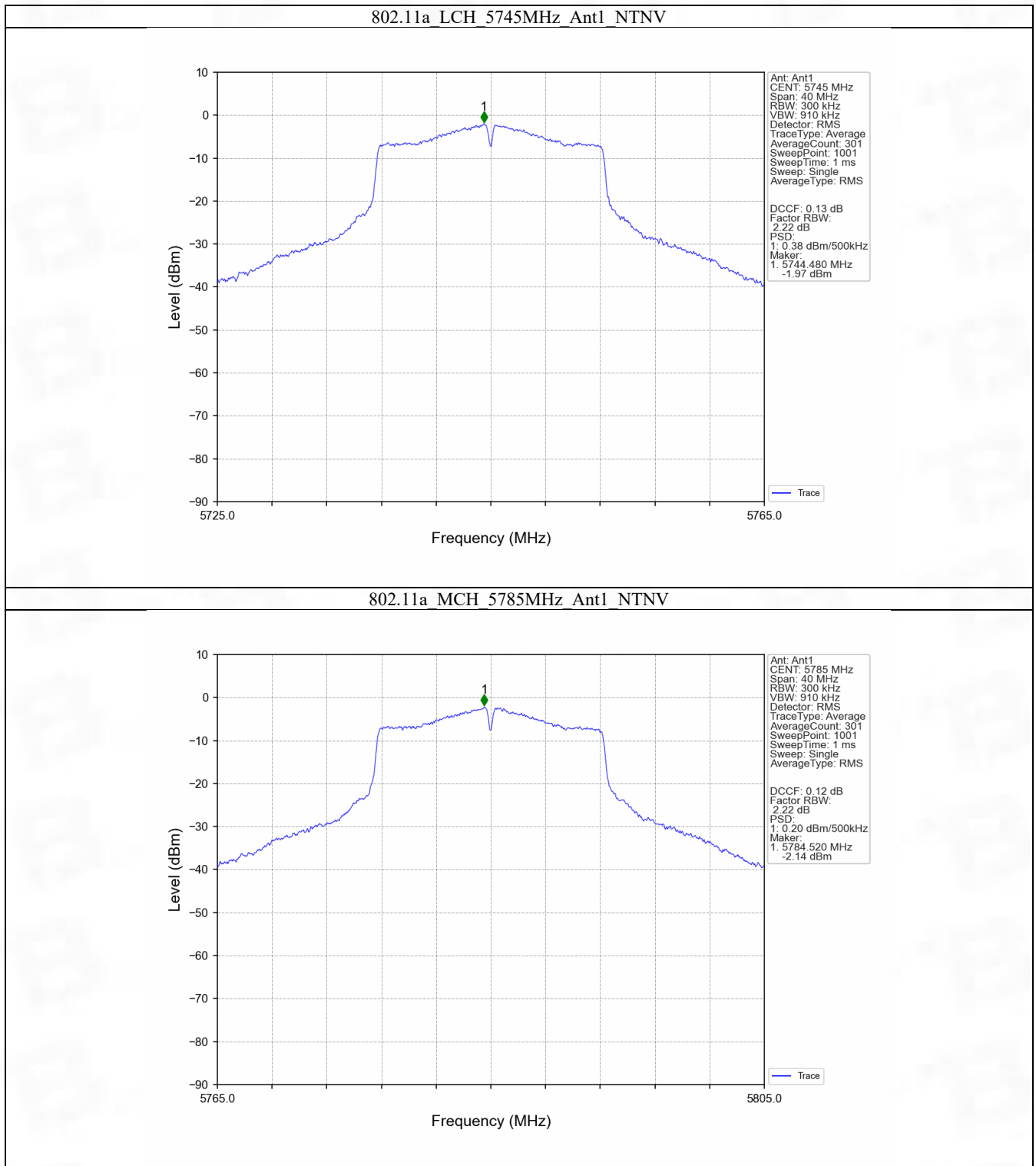


802.11ac(VHT80) LCH 5530MHz Ant1 NTN

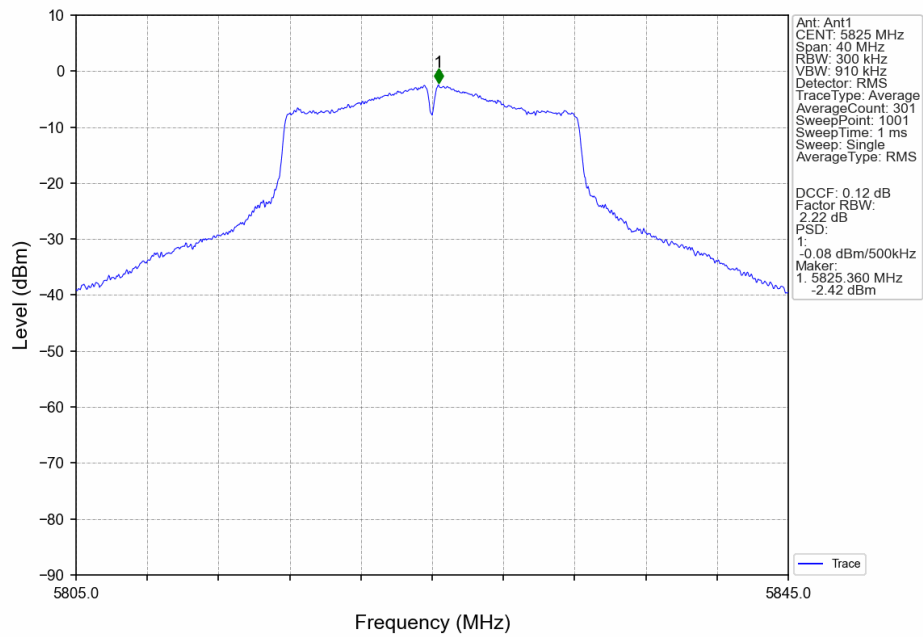




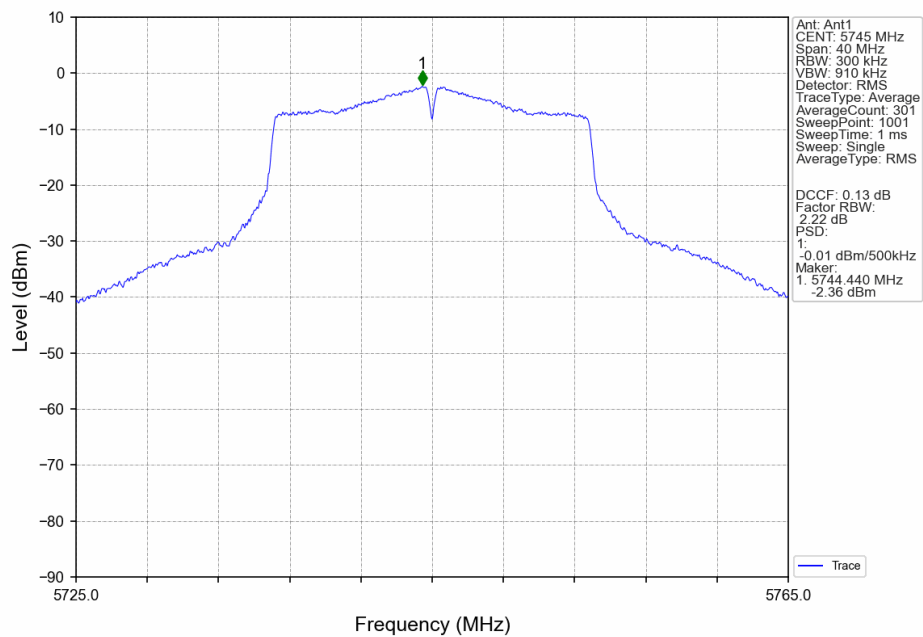
4.2.2 PSD-Band4



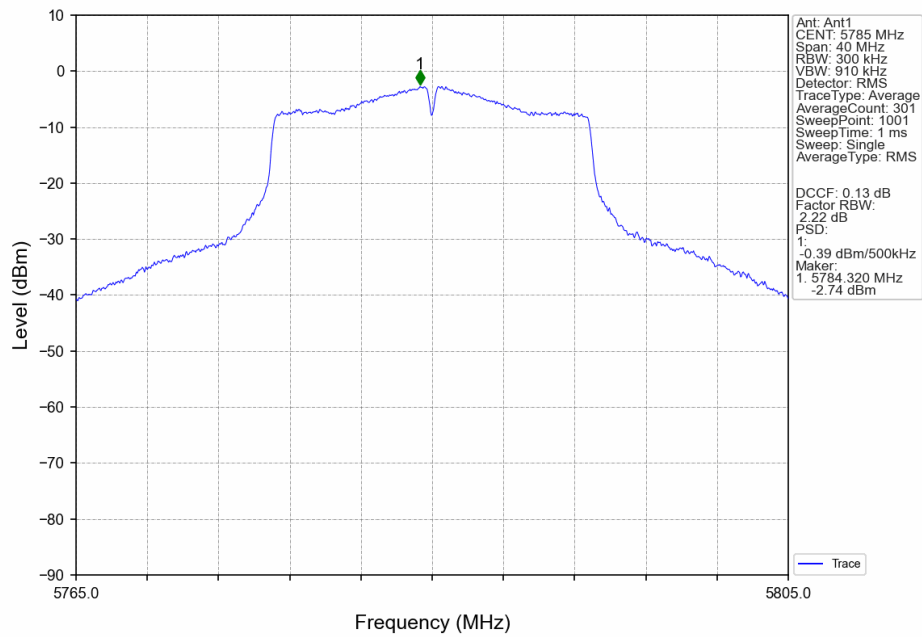
802.11a HCH 5825MHz Ant1_NTNV



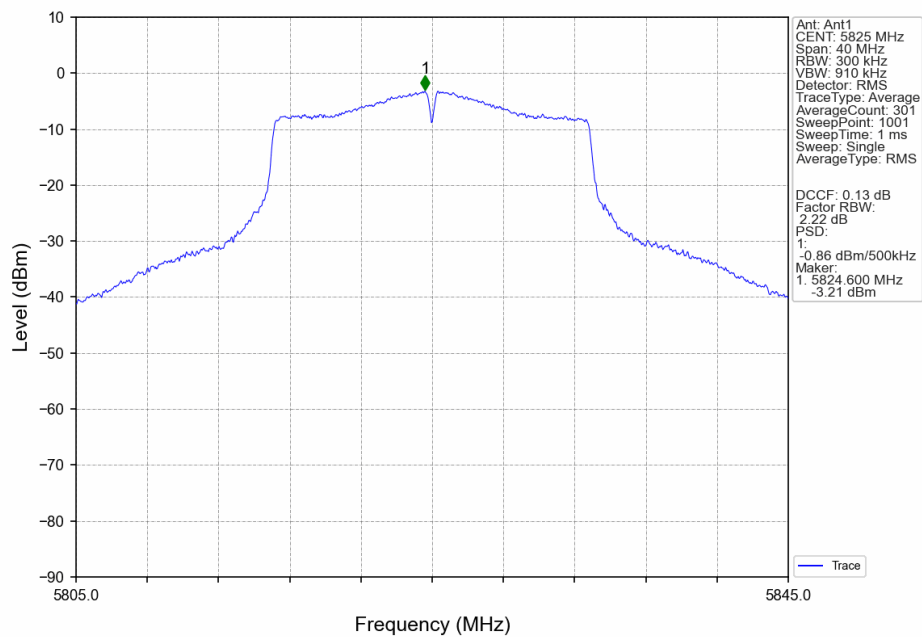
802.11n(HT20) LCH 5745MHz Ant1_NTNV



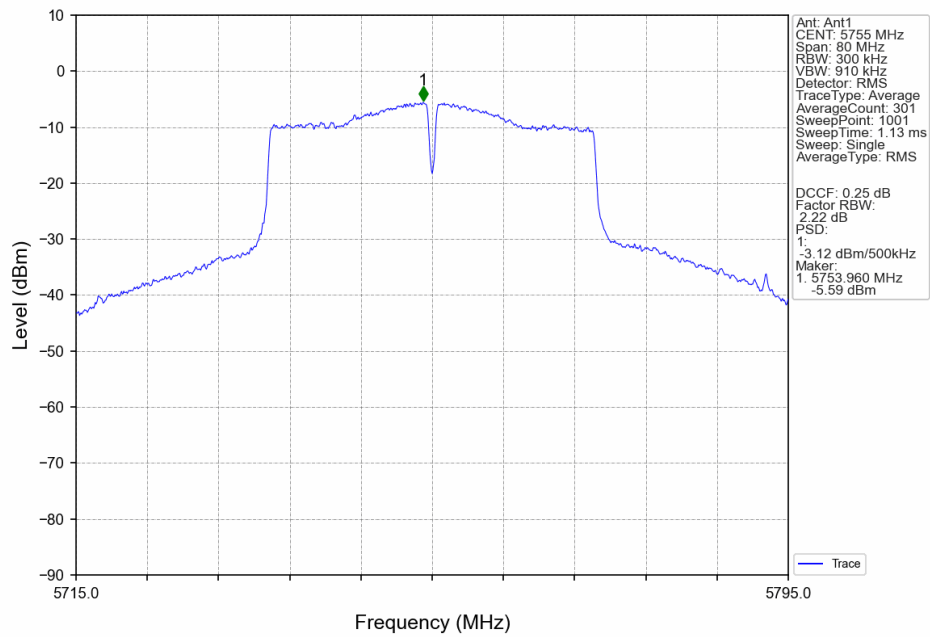
802.11n(HT20) MCH 5785MHz Ant1 NTNV



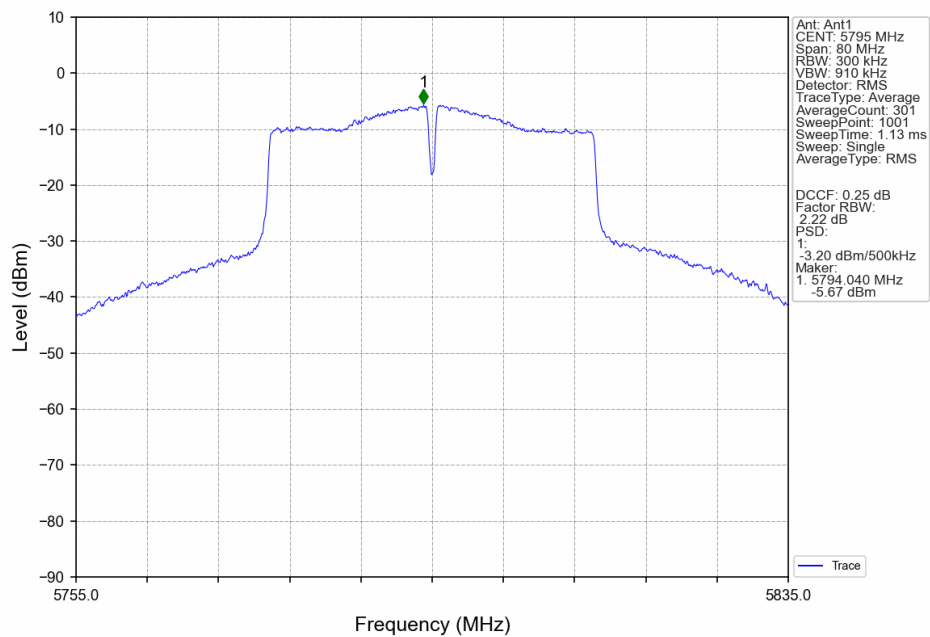
802.11n(HT20) HCH 5825MHz Ant1 NTNV



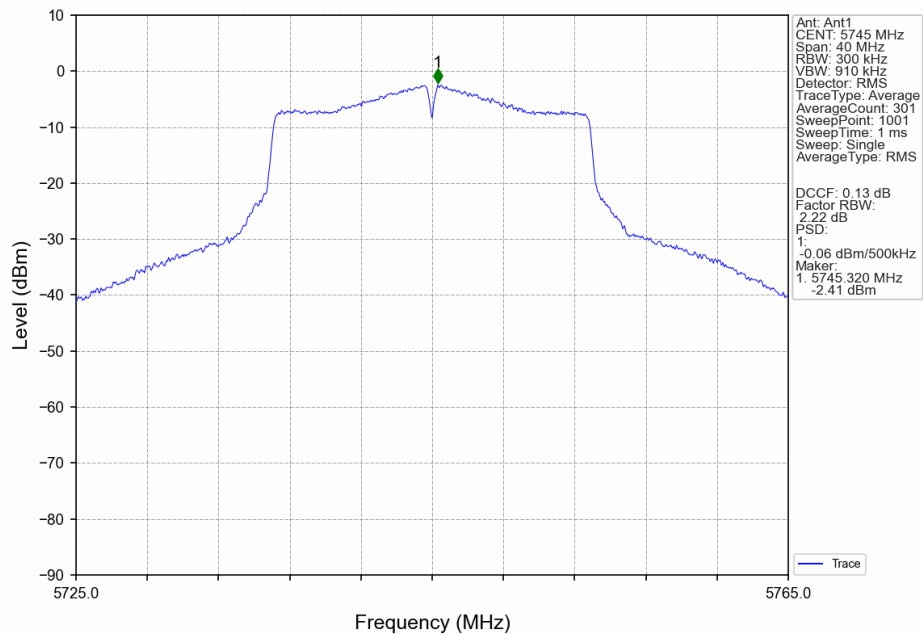
802.11n(HT40) LCH 5755MHz Ant1 NTNV



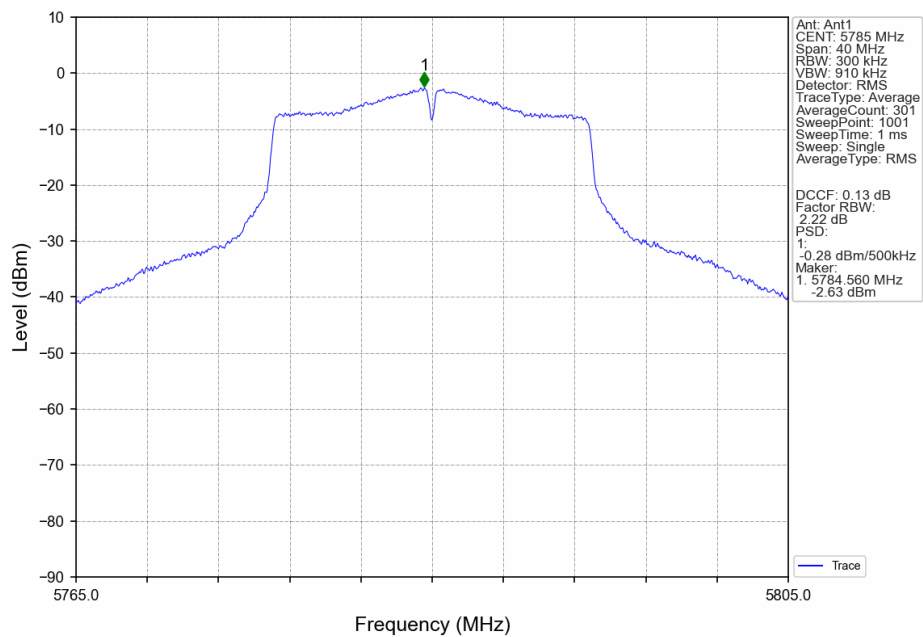
802.11n(HT40) HCH 5795MHz Ant1 NTNV



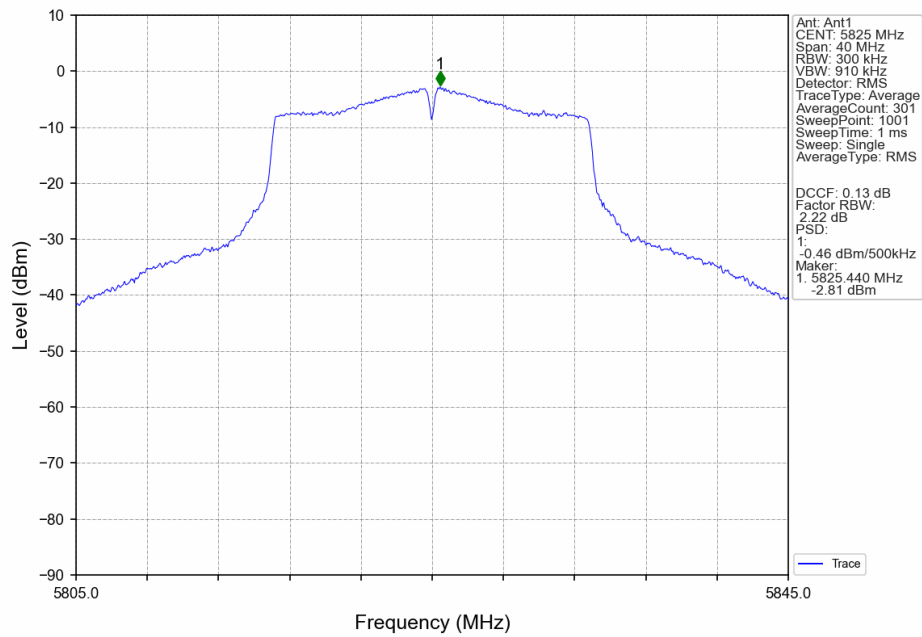
802.11ac(VHT20) LCH 5745MHz Ant1 NTN



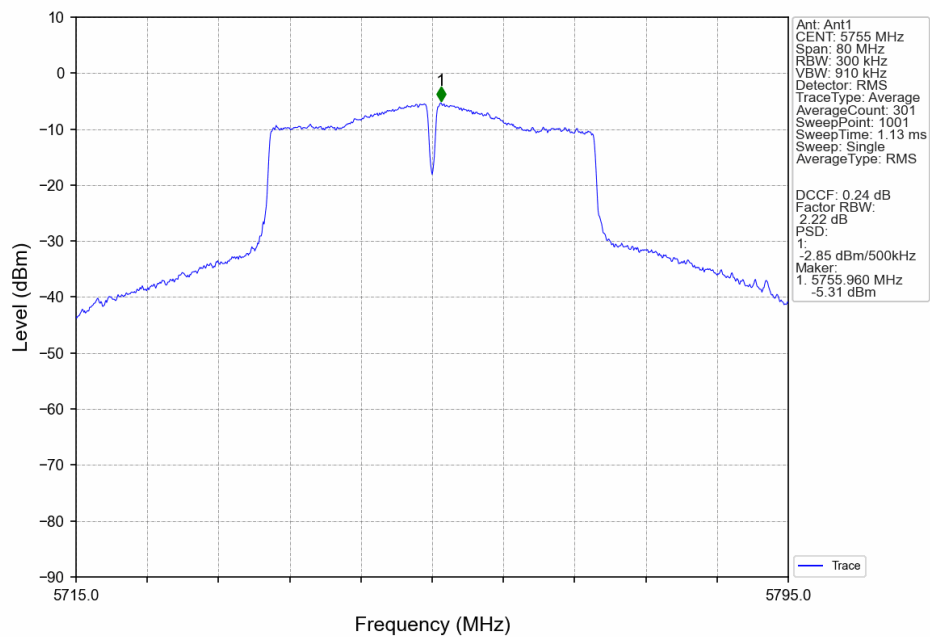
802.11ac(VHT20) MCH 5785MHz Ant1 NTN



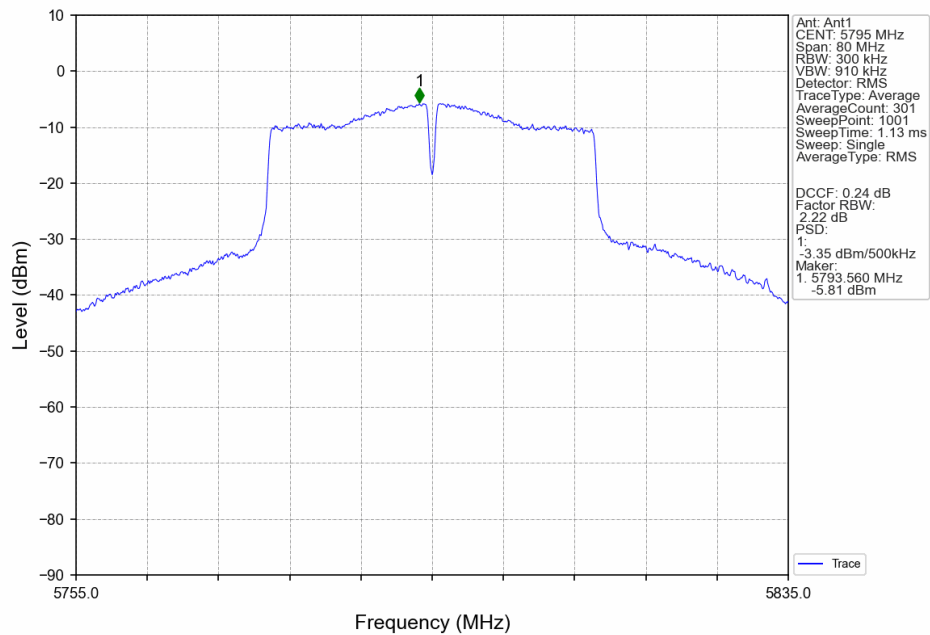
802.11ac(VHT20) HCH 5825MHz Ant1 NTN



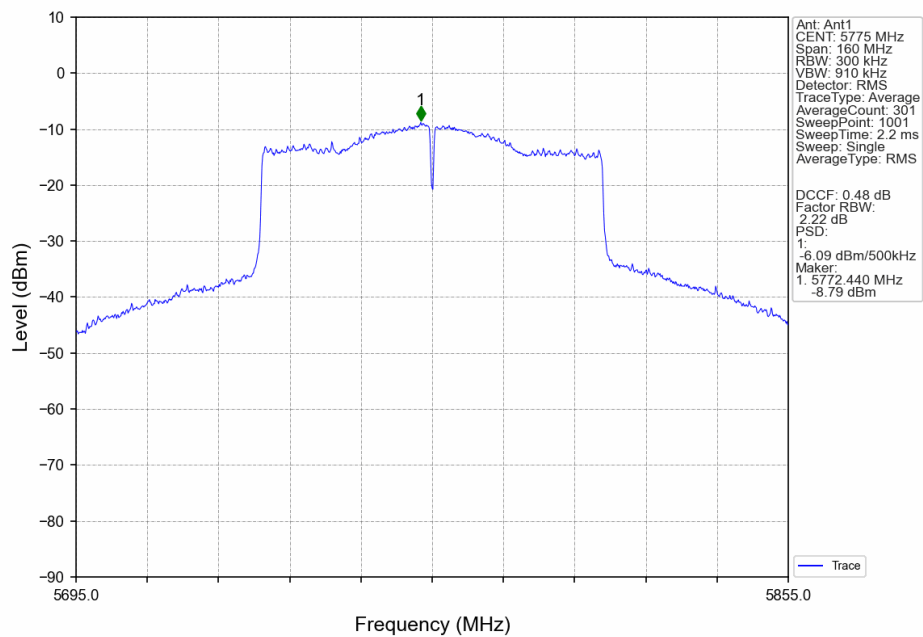
802.11ac(VHT40) LCH 5755MHz Ant1 NTN



802.11ac(VHT40) HCH 5795MHz Ant1 NTN



802.11ac(VHT80) MCH 5775MHz Ant1 NTN



6. Frequency Stability

6.1 Test Result

6.1.1 Ant1

Ant1							
Mode	TX Type	Frequency (MHz)	Temperature (°C)	Voltage (VAC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
802.11a	SISO	5180	20	102	5180.000	5150 to 5250	Pass
				120	5179.980	5150 to 5250	Pass
				138	5179.940	5150 to 5250	Pass
			-30	120	5179.960	5150 to 5250	Pass
			-20	120	5179.960	5150 to 5250	Pass
			-10	120	5179.980	5150 to 5250	Pass
			0	120	5179.980	5150 to 5250	Pass
			10	120	5179.980	5150 to 5250	Pass
			30	120	5179.960	5150 to 5250	Pass
			40	120	5179.980	5150 to 5250	Pass
			50	120	5179.960	5150 to 5250	Pass
		5200	20	102	5199.940	5150 to 5250	Pass
				120	5199.980	5150 to 5250	Pass
				138	5199.940	5150 to 5250	Pass
			-30	120	5199.900	5150 to 5250	Pass
			-20	120	5199.940	5150 to 5250	Pass
			-10	120	5199.920	5150 to 5250	Pass
			0	120	5199.980	5150 to 5250	Pass
			10	120	5199.940	5150 to 5250	Pass
			30	120	5199.960	5150 to 5250	Pass
			40	120	5199.960	5150 to 5250	Pass
			50	120	5199.880	5150 to 5250	Pass
		5240	20	102	5239.940	5150 to 5250	Pass
				120	5239.940	5150 to 5250	Pass
				138	5239.900	5150 to 5250	Pass
			-30	120	5239.980	5150 to 5250	Pass
			-20	120	5239.920	5150 to 5250	Pass
			-10	120	5239.960	5150 to 5250	Pass
			0	120	5239.900	5150 to 5250	Pass
			10	120	5239.940	5150 to 5250	Pass
			30	120	5239.960	5150 to 5250	Pass
			40	120	5239.960	5150 to 5250	Pass
			50	120	5239.960	5150 to 5250	Pass
		5260	20	102	5259.920	5250 to 5350	Pass
				120	5259.880	5250 to 5350	Pass
				138	5259.940	5250 to 5350	Pass
			-30	120	5259.960	5250 to 5350	Pass
			-20	120	5259.920	5250 to 5350	Pass
			-10	120	5259.920	5250 to 5350	Pass
			0	120	5259.880	5250 to 5350	Pass
			10	120	5259.980	5250 to 5350	Pass
			30	120	5259.980	5250 to 5350	Pass
			40	120	5259.940	5250 to 5350	Pass
			50	120	5259.900	5250 to 5350	Pass
		5300	20	102	5300.000	5250 to 5350	Pass
				120	5299.960	5250 to 5350	Pass
				138	5299.960	5250 to 5350	Pass
			-30	120	5299.980	5250 to 5350	Pass
			-20	120	5299.940	5250 to 5350	Pass