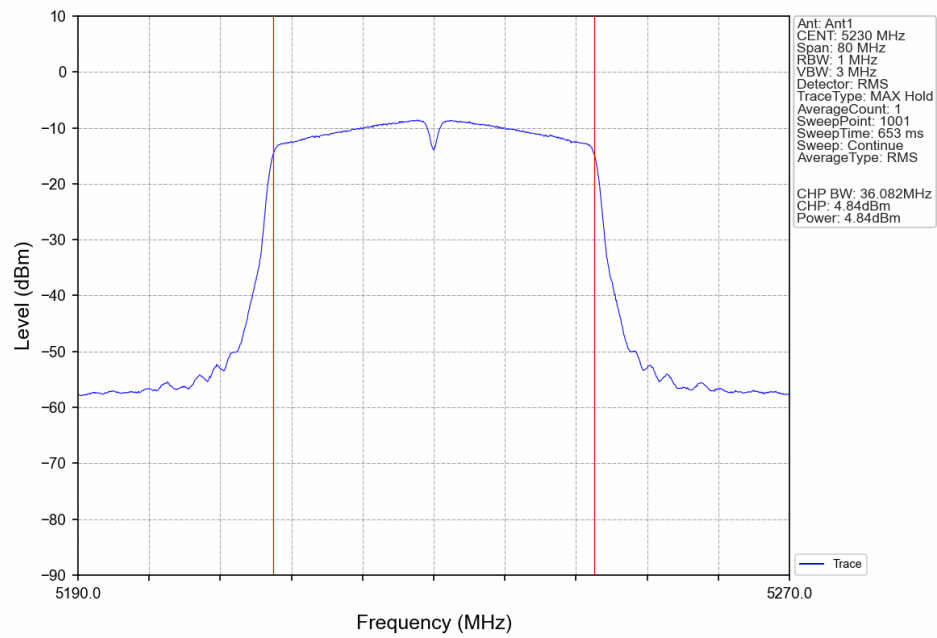
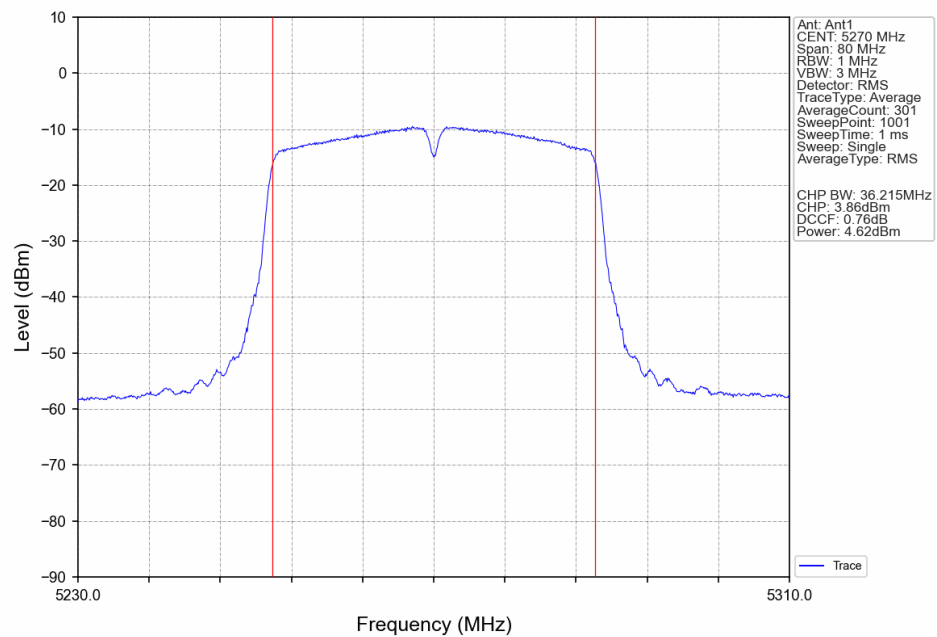


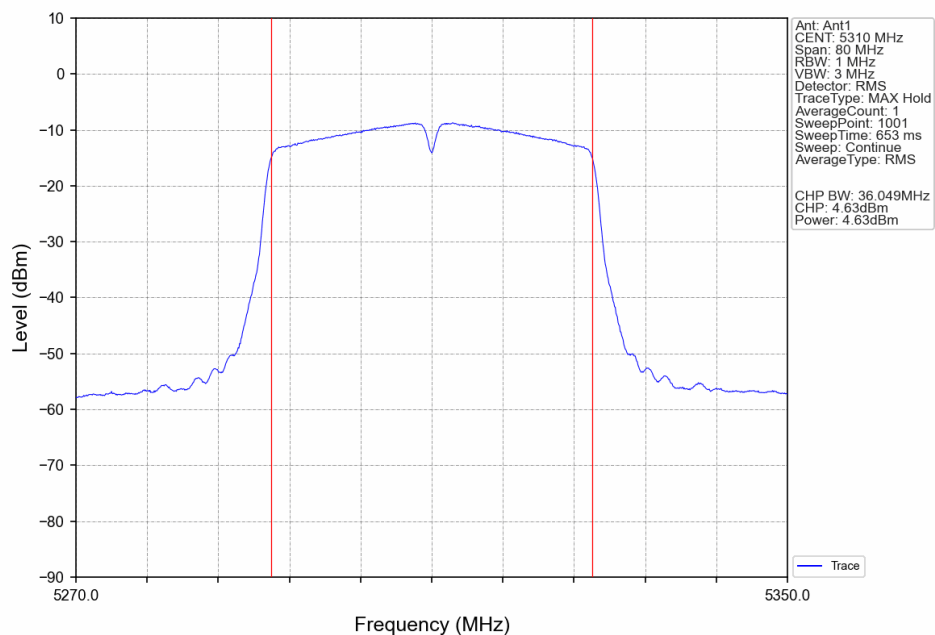
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



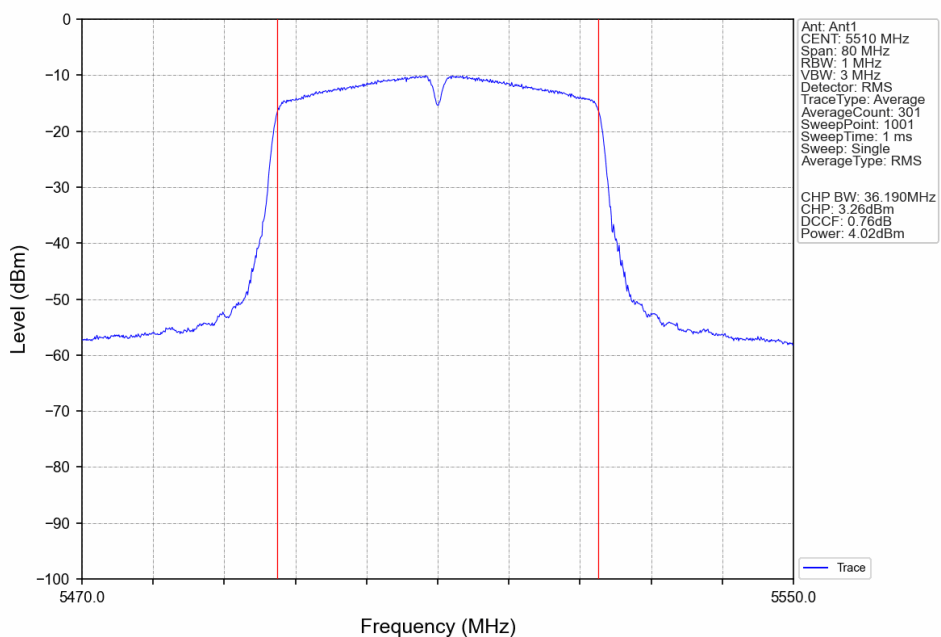
802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV



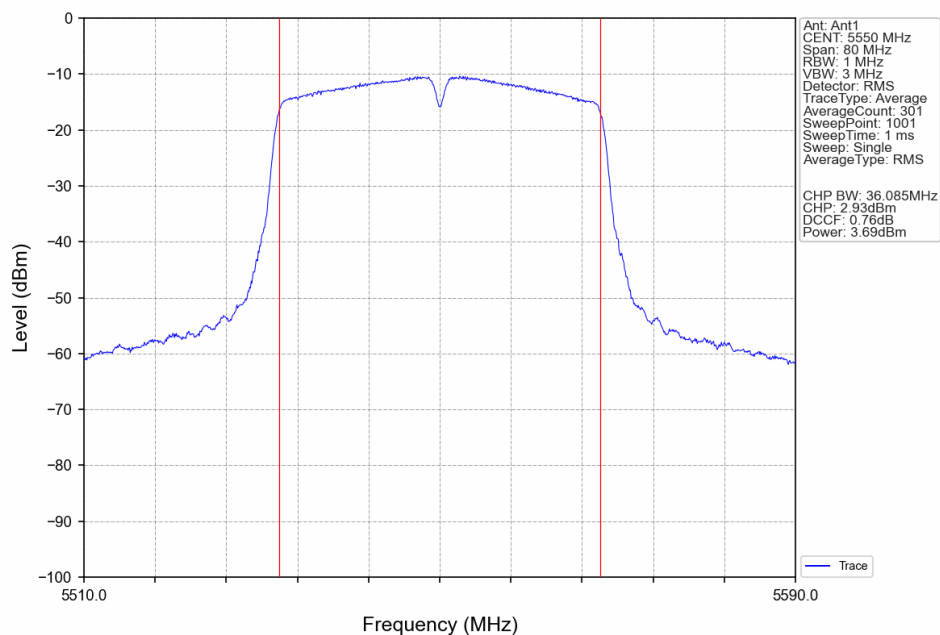
802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



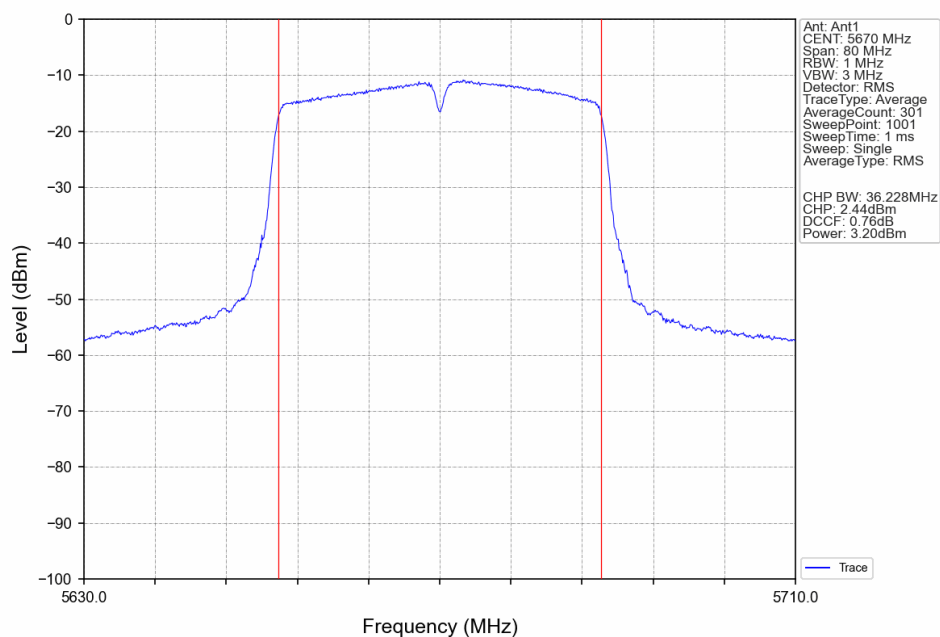
802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



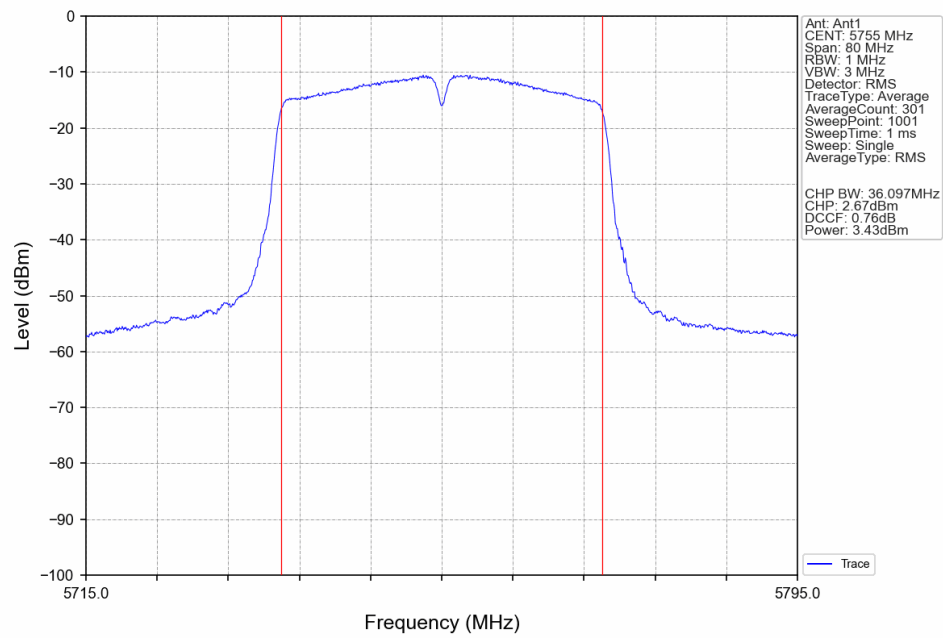
802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV



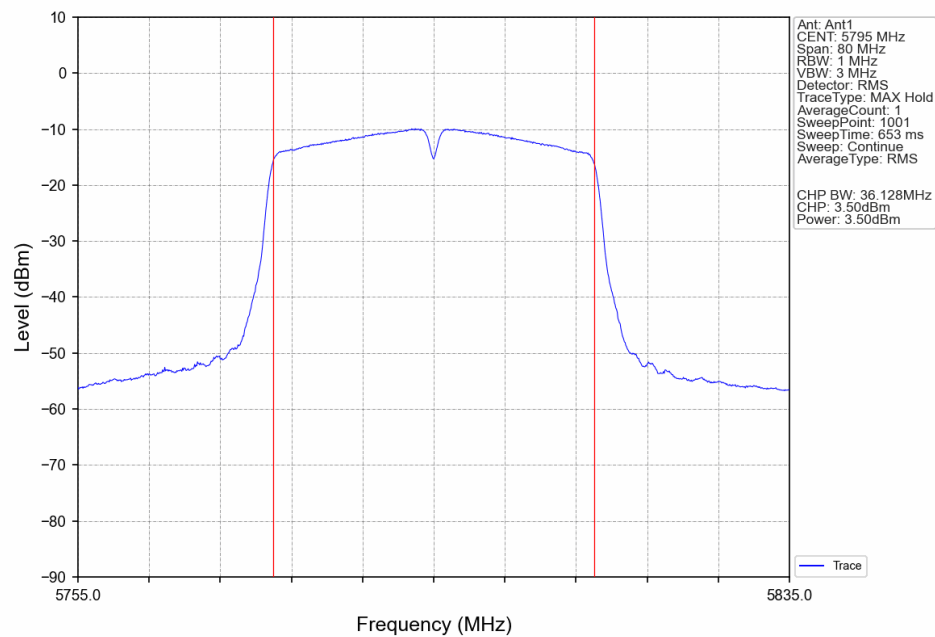
802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



4. Maximum Power Spectral Density

4.1 Test Result

4.1.1 PSD

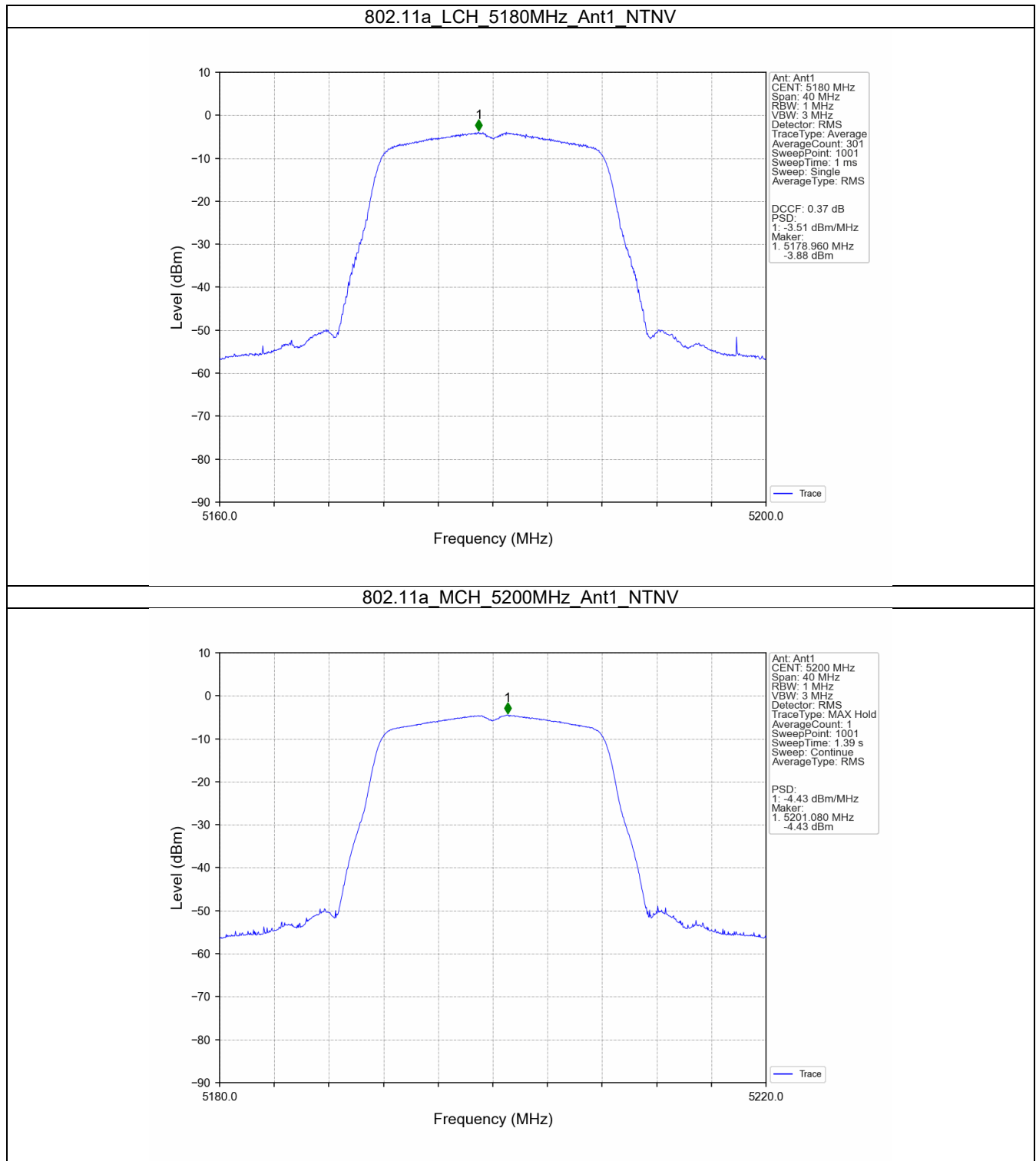
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	-3.51	<=11	Pass
		5200	-4.43	<=11	Pass
		5240	-5.39	<=11	Pass
		5260	-5.09	<=11	Pass
		5300	-4.90	<=11	Pass
		5320	-5.18	<=11	Pass
		5500	-5.81	<=11	Pass
		5580	-6.36	<=11	Pass
		5700	-6.34	<=11	Pass
802.11n (HT20)	SISO	5180	-5.11	<=11	Pass
		5200	-5.47	<=11	Pass
		5240	-5.82	<=11	Pass
		5260	-5.35	<=11	Pass
		5300	-5.22	<=11	Pass
		5320	-5.59	<=11	Pass
		5500	-6.64	<=11	Pass
		5580	-6.88	<=11	Pass
		5700	-6.73	<=11	Pass
802.11n (HT40)	SISO	5190	-7.85	<=11	Pass
		5230	-8.17	<=11	Pass
		5270	-8.22	<=11	Pass
		5310	-8.12	<=11	Pass
		5510	-9.80	<=11	Pass
		5550	-9.32	<=11	Pass
		5670	-10.30	<=11	Pass
802.11ac (VHT20)	SISO	5180	-5.67	<=11	Pass
		5200	-5.68	<=11	Pass
		5240	-6.41	<=11	Pass
		5260	-5.99	<=11	Pass
		5300	-5.76	<=11	Pass
		5320	-6.15	<=11	Pass
		5500	-6.29	<=11	Pass
		5580	-6.53	<=11	Pass
802.11ac (VHT40)	SISO	5700	-7.03	<=11	Pass
		5190	-8.50	<=11	Pass
		5230	-8.55	<=11	Pass
		5270	-8.48	<=11	Pass
		5310	-8.72	<=11	Pass
		5510	-9.48	<=11	Pass
		5550	-9.60	<=11	Pass
Note1: Antenna Gain: - Band: 1 Ant1: 1.38dBi; - Band: 3 Ant1: 1.34dBi; - Band: 2A Ant1: 1.36dBi; - Band: 2C Ant1: 1.34dBi;					

4.1.2 PSD-Band3

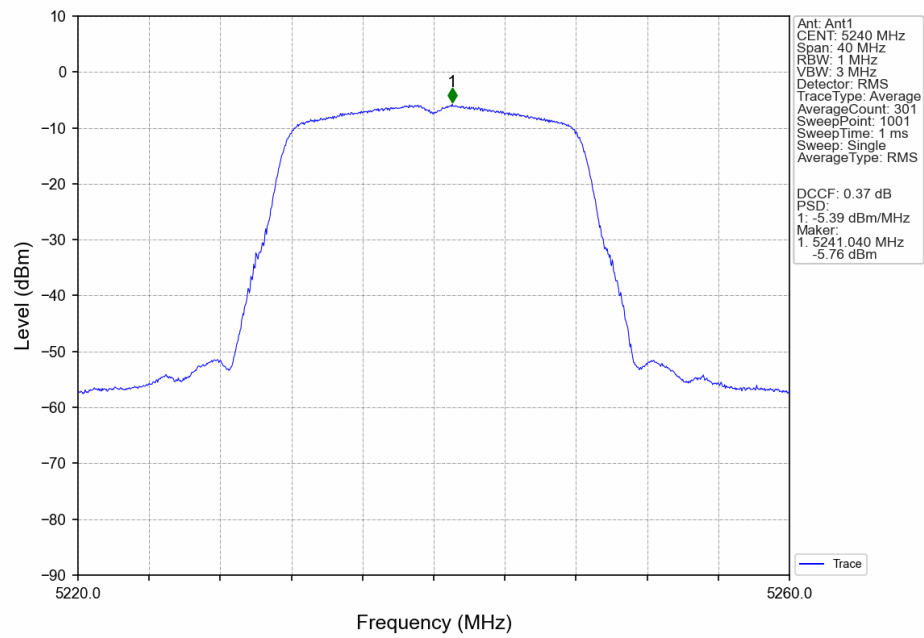
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5745	-9.62	<=30	Pass
		5785	-9.38	<=30	Pass
		5825	-9.26	<=30	Pass
802.11n (HT20)	SISO	5745	-10.23	<=30	Pass
		5785	-9.67	<=30	Pass
		5825	-9.18	<=30	Pass
802.11n (HT40)	SISO	5755	-12.52	<=30	Pass
		5795	-12.54	<=30	Pass
802.11ac (VHT20)	SISO	5745	-10.06	<=30	Pass
		5785	-10.11	<=30	Pass
		5825	-9.73	<=30	Pass
802.11ac (VHT40)	SISO	5755	-12.56	<=30	Pass
		5795	-12.60	<=30	Pass
Note1: Antenna Gain: - Band: 1 Ant1: 1.38dBi; - Band: 3 Ant1: 1.34dBi; - Band: 2A Ant1: 1.36dBi; - Band: 2C Ant1: 1.34dBi;					

4.2 Test Graph

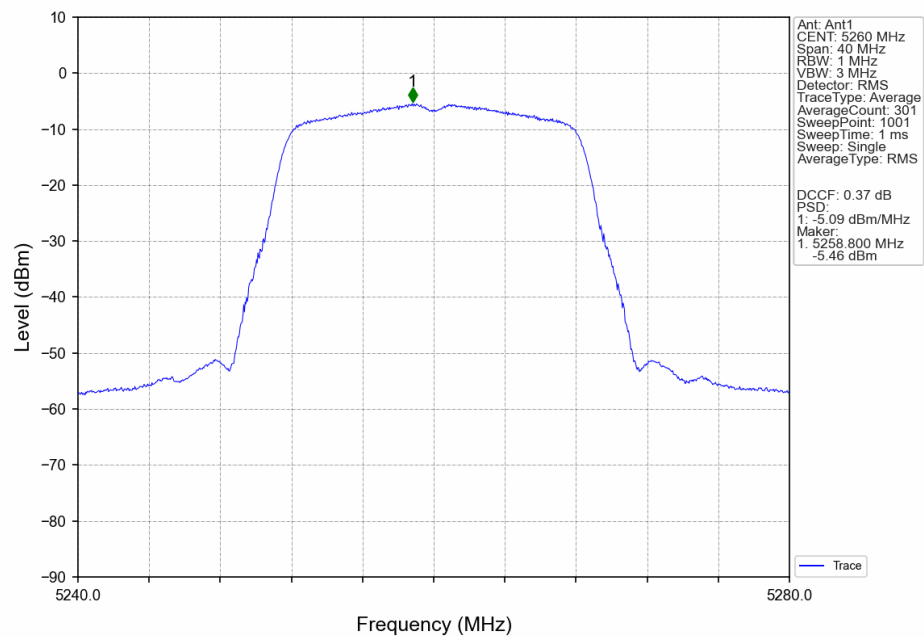
4.2.1 PSD



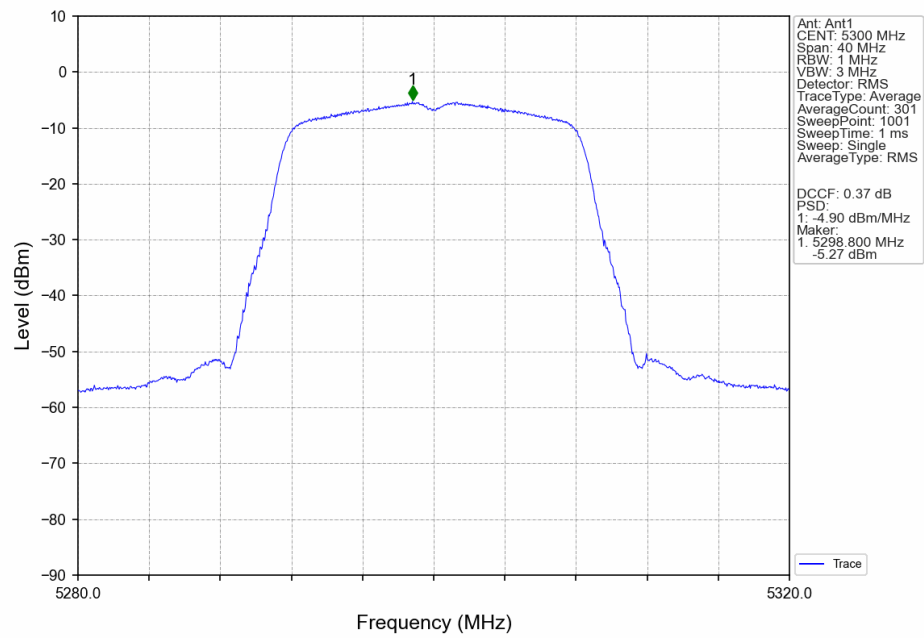
802.11a_HCH_5240MHz_Ant1_NTNV



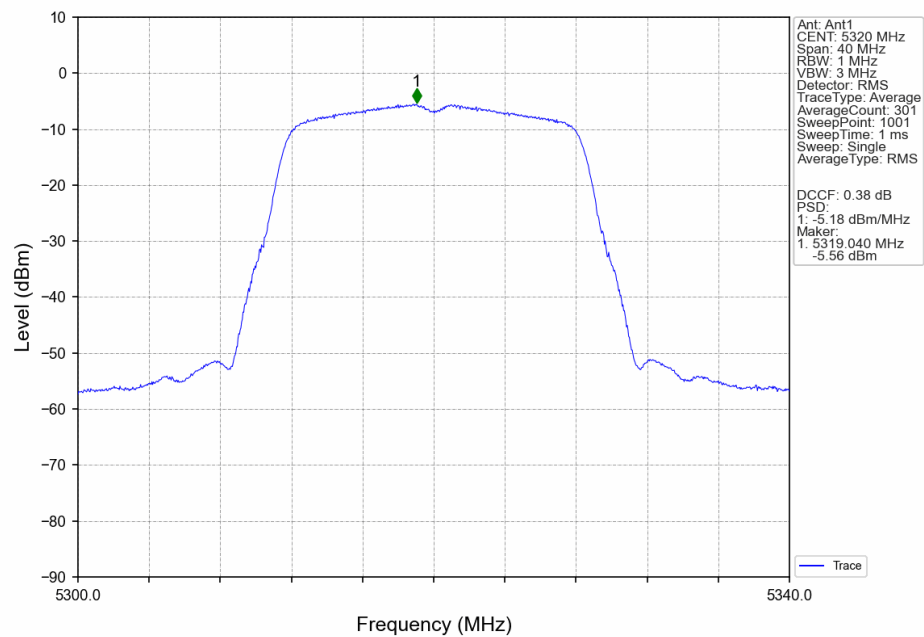
802.11a_LCH_5260MHz_Ant1_NTNV



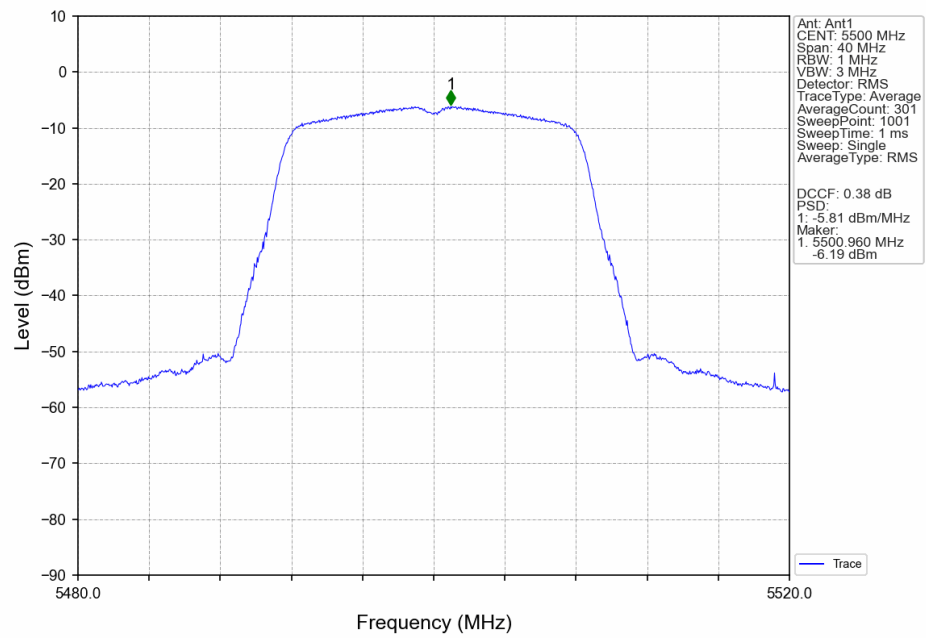
802.11a_MCH_5300MHz_Ant1_NTNV



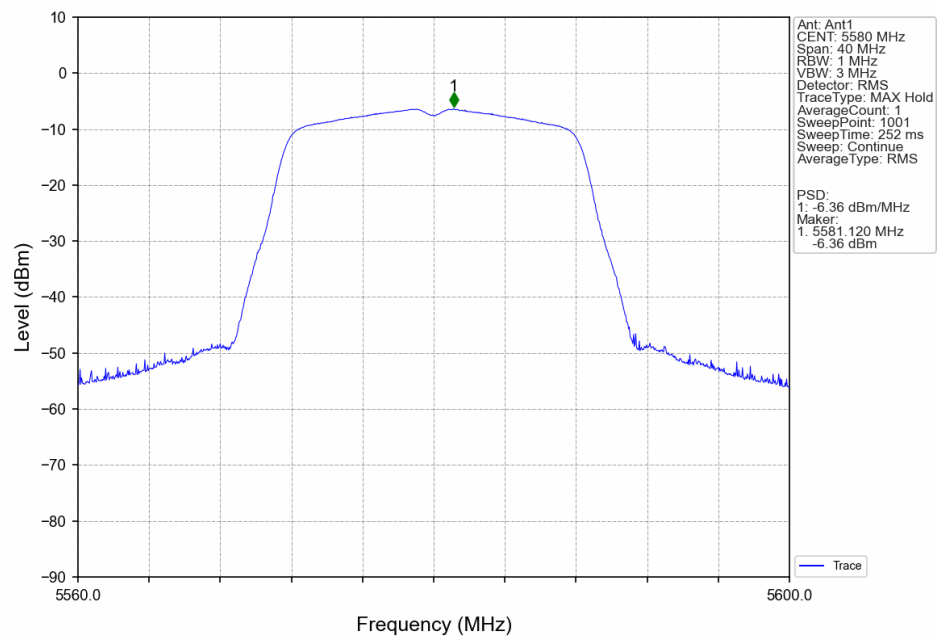
802.11a_HCH_5320MHz_Ant1_NTNV



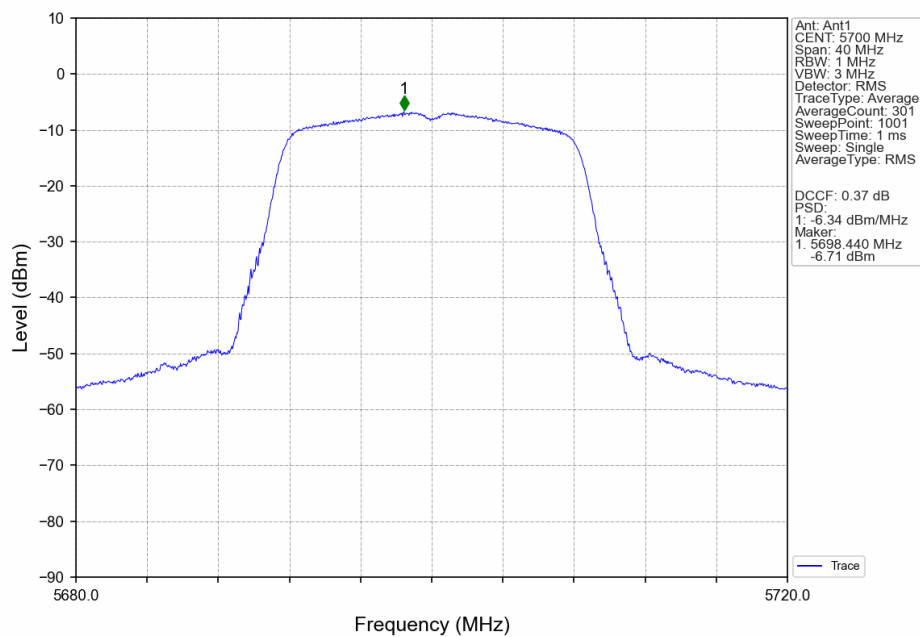
802.11a_LCH_5500MHz_Ant1_NTNV



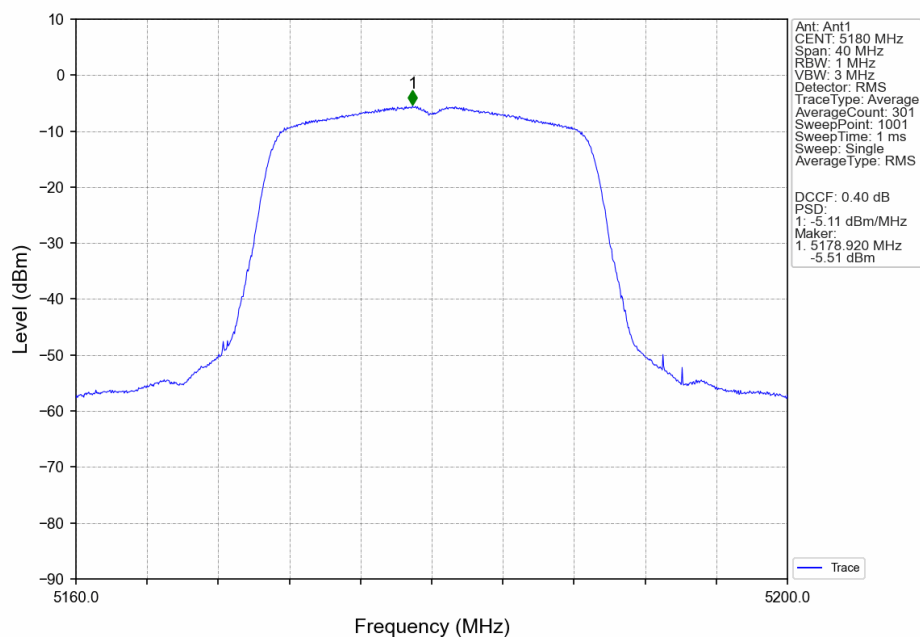
802.11a_MCH_5580MHz_Ant1_NTNV



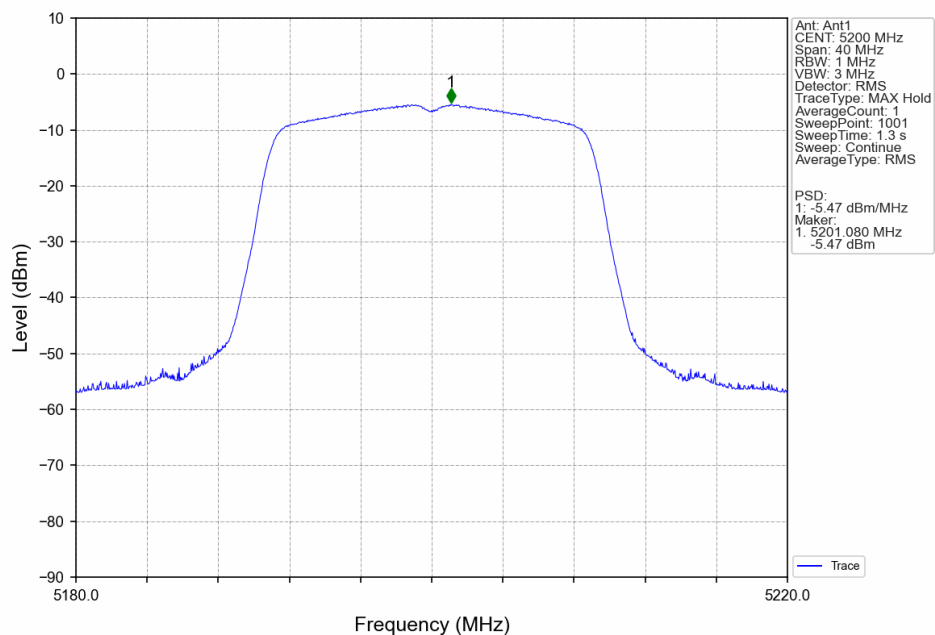
802.11a_HCH_5700MHz_Ant1_NTNV



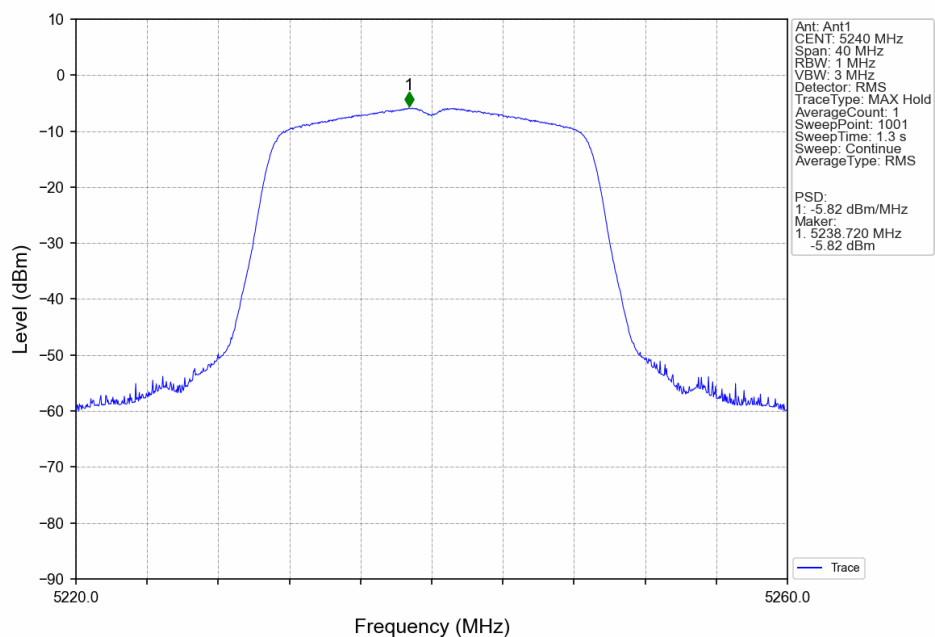
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



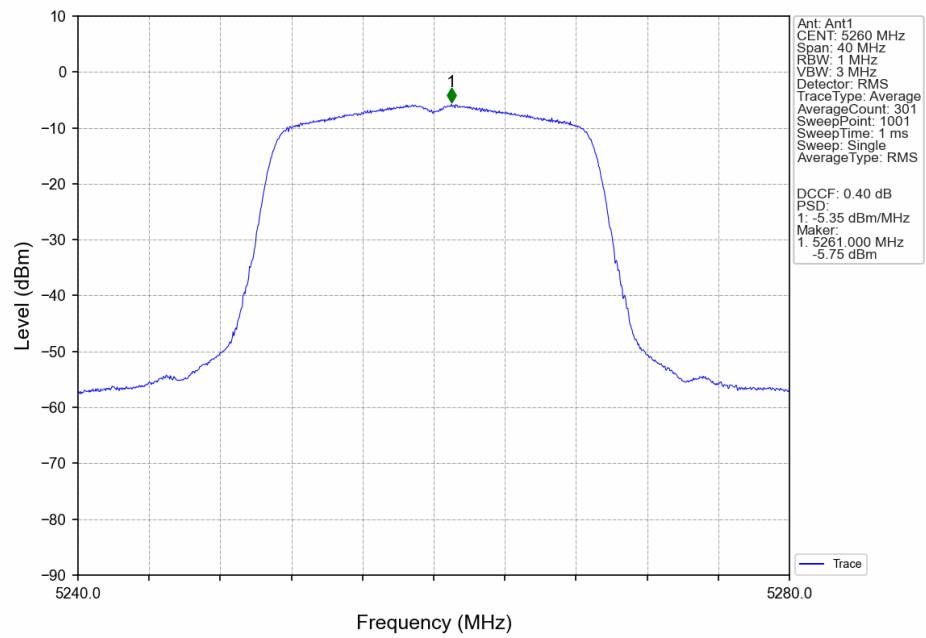
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



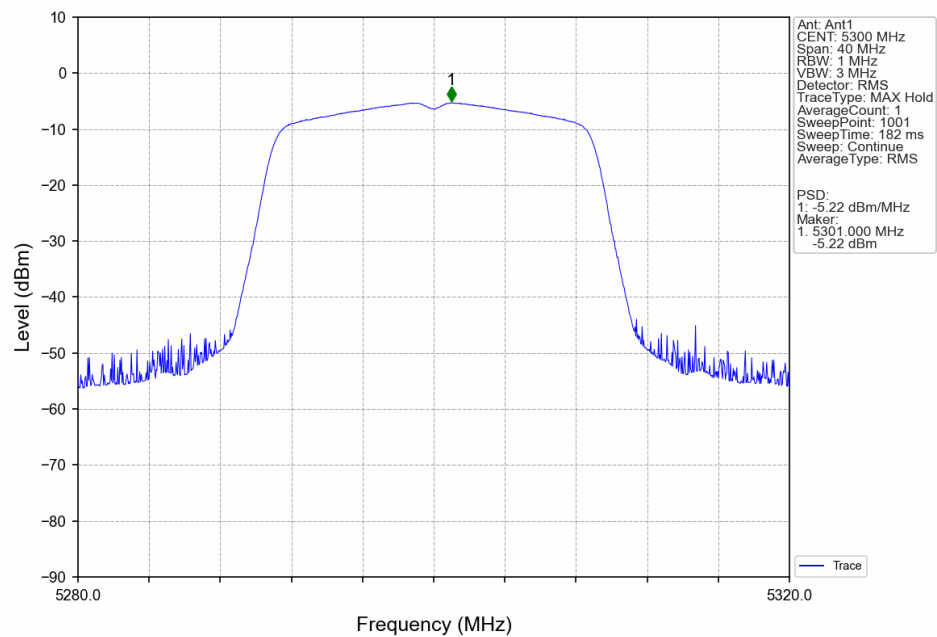
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



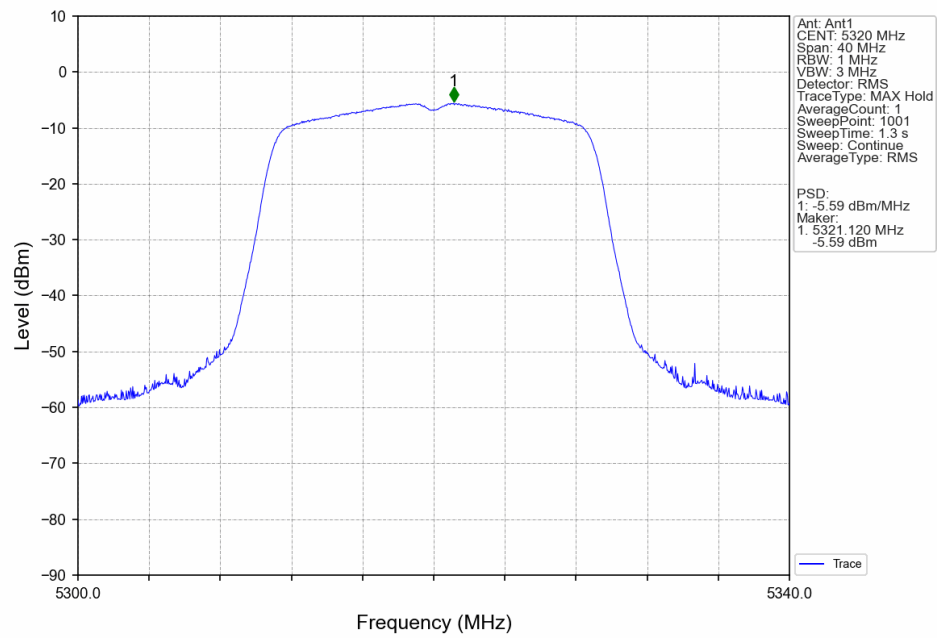
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



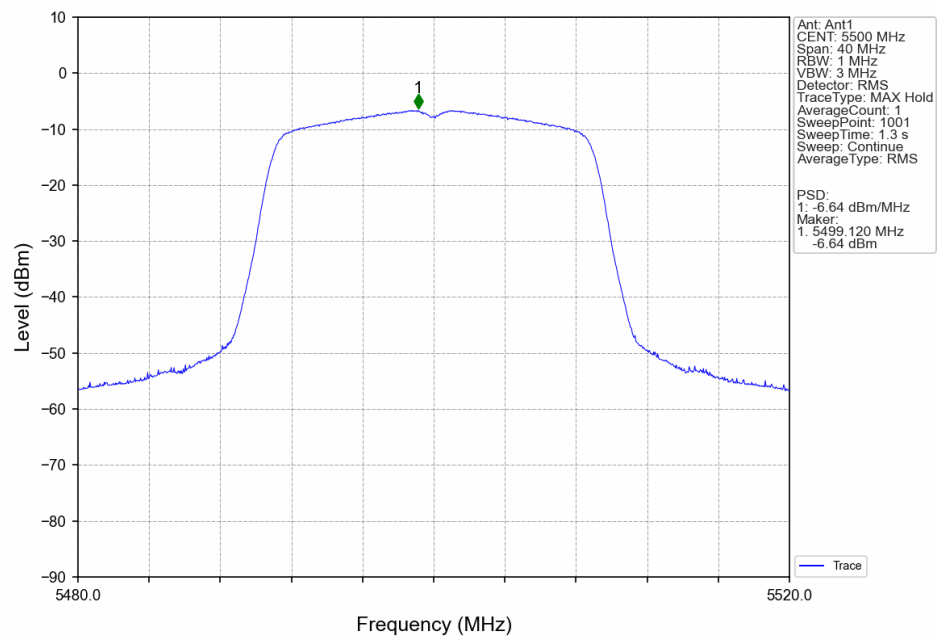
802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



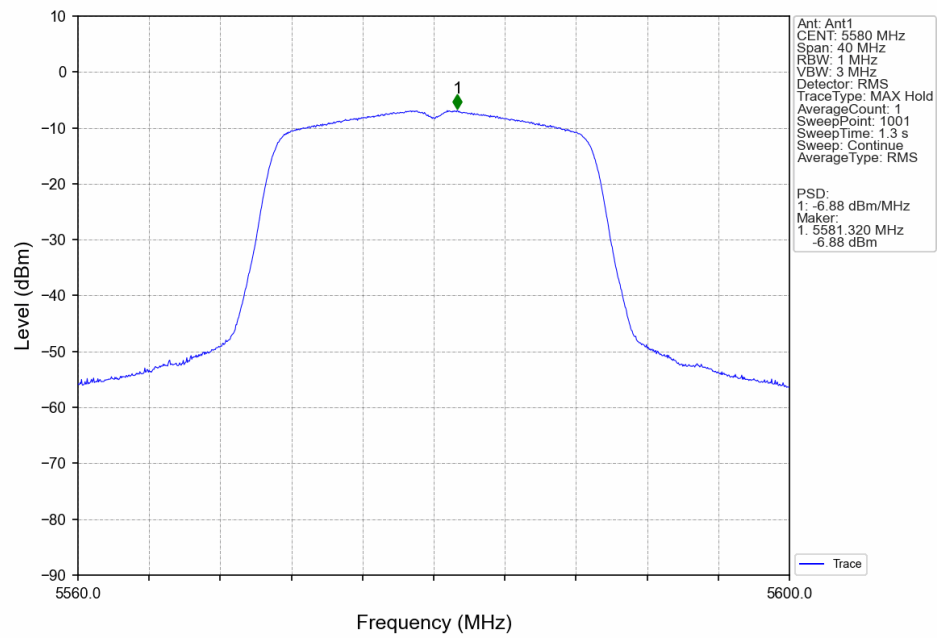
802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



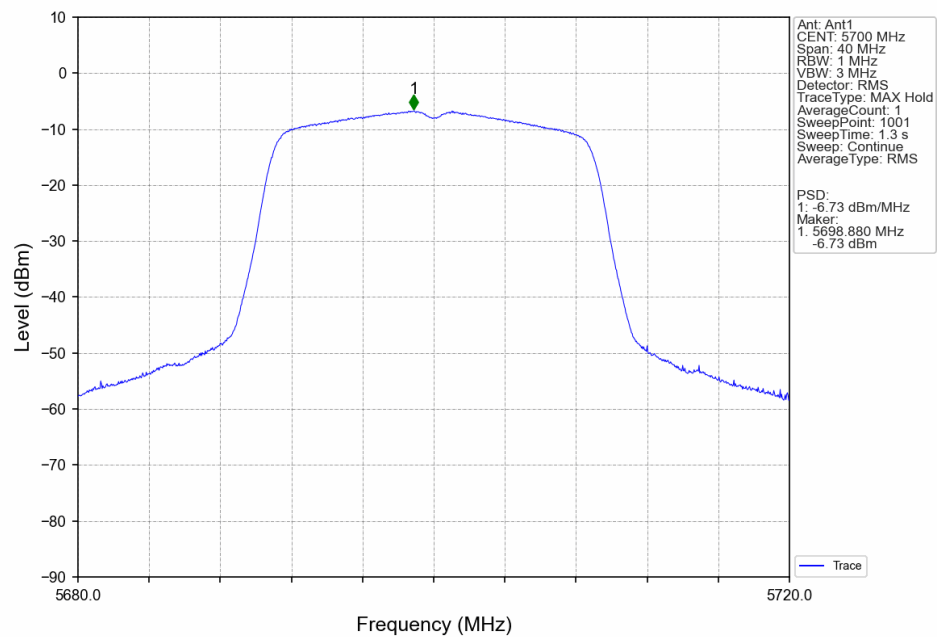
802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



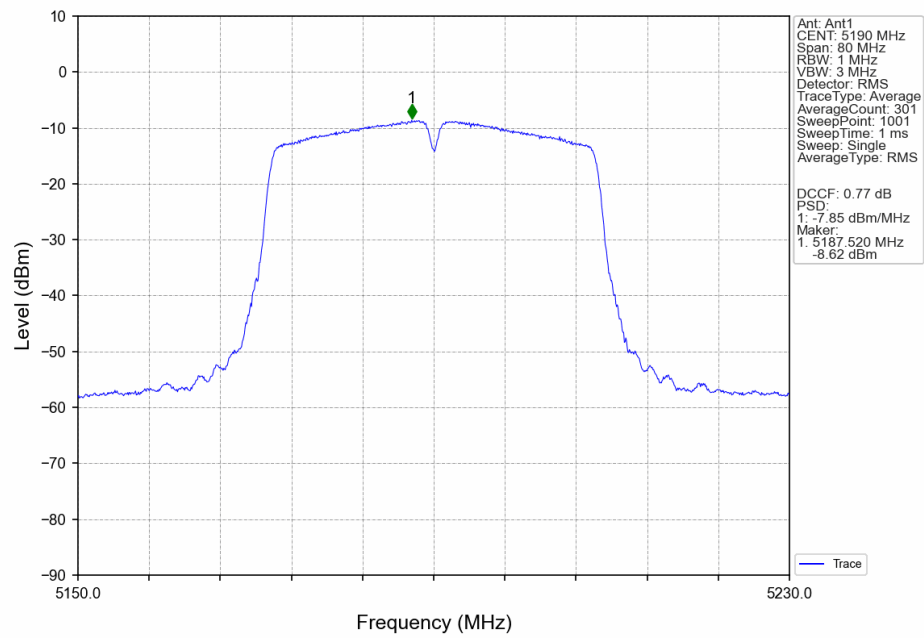
802.11n(HT20)_MCH_5580MHz_Ant1_NTNV



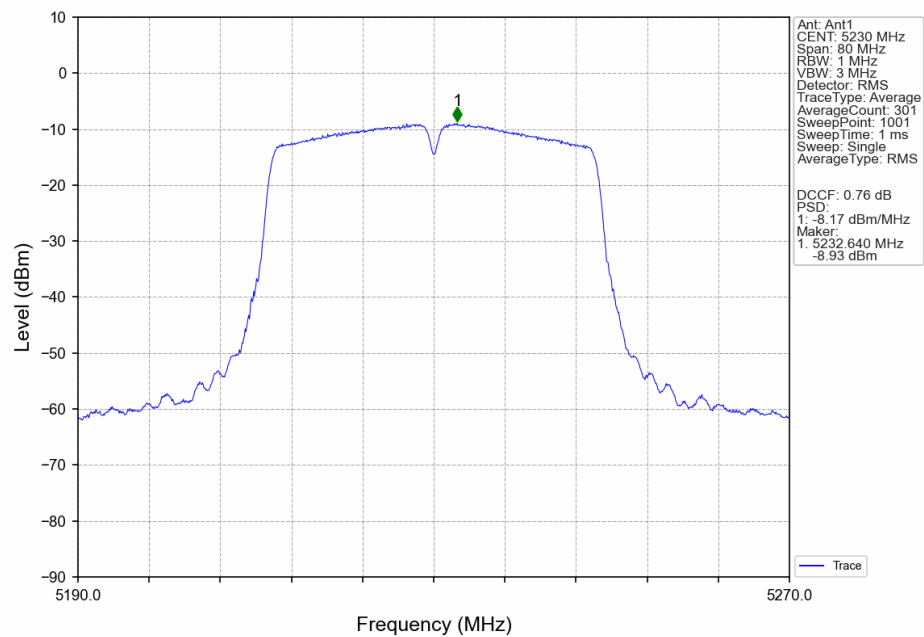
802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



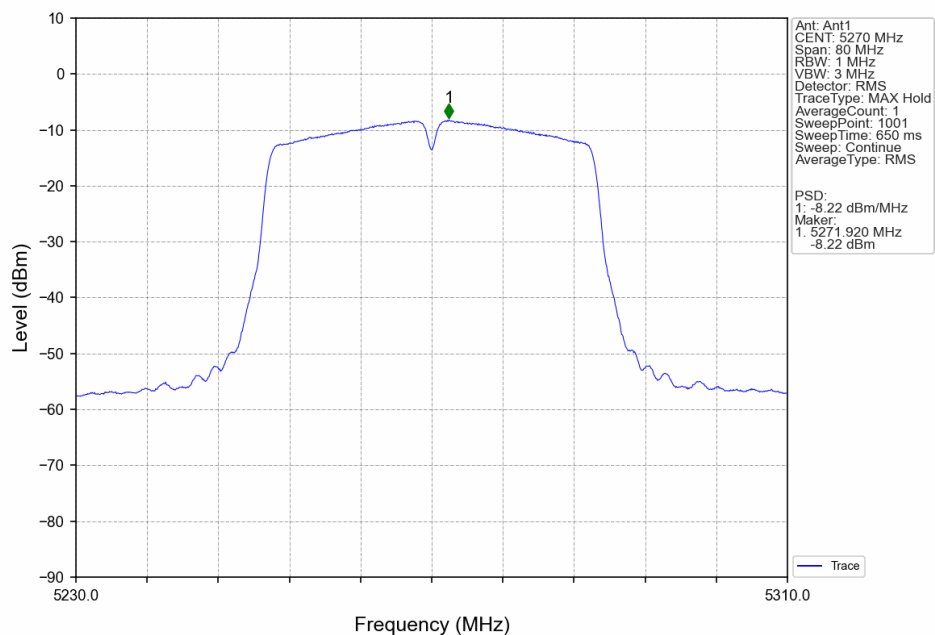
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



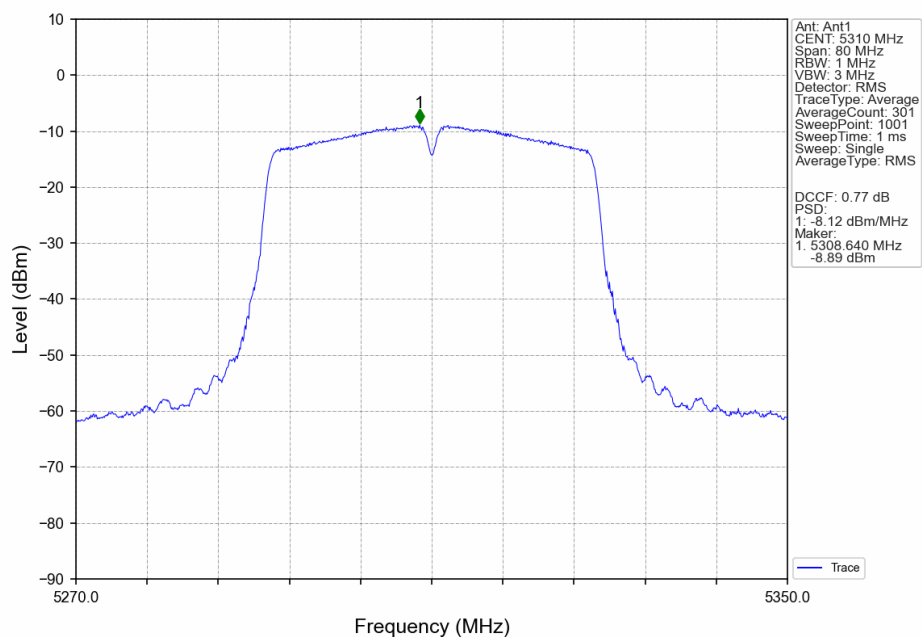
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



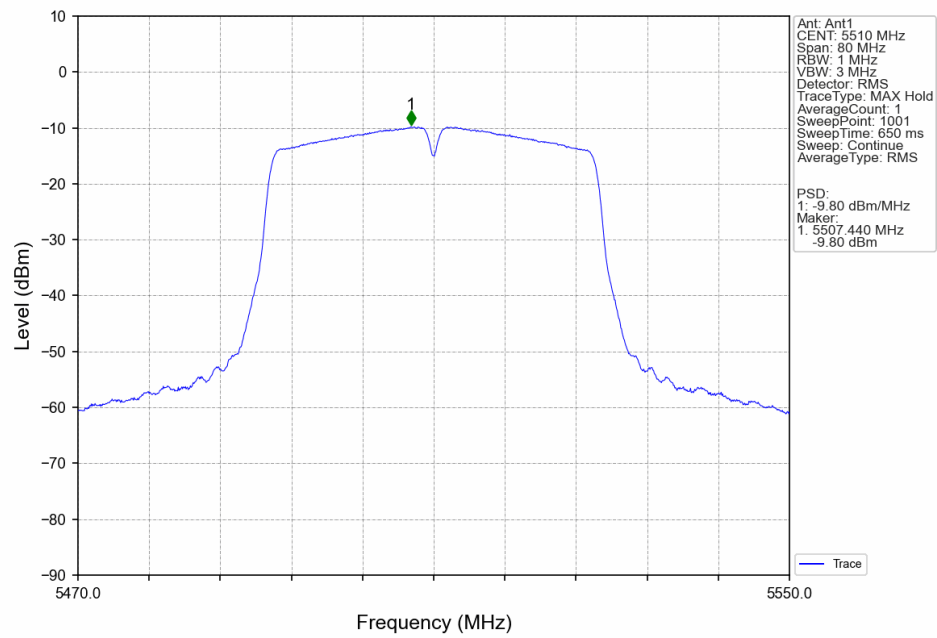
802.11n(HT40)_LCH_5270MHz_Ant1_NTNV



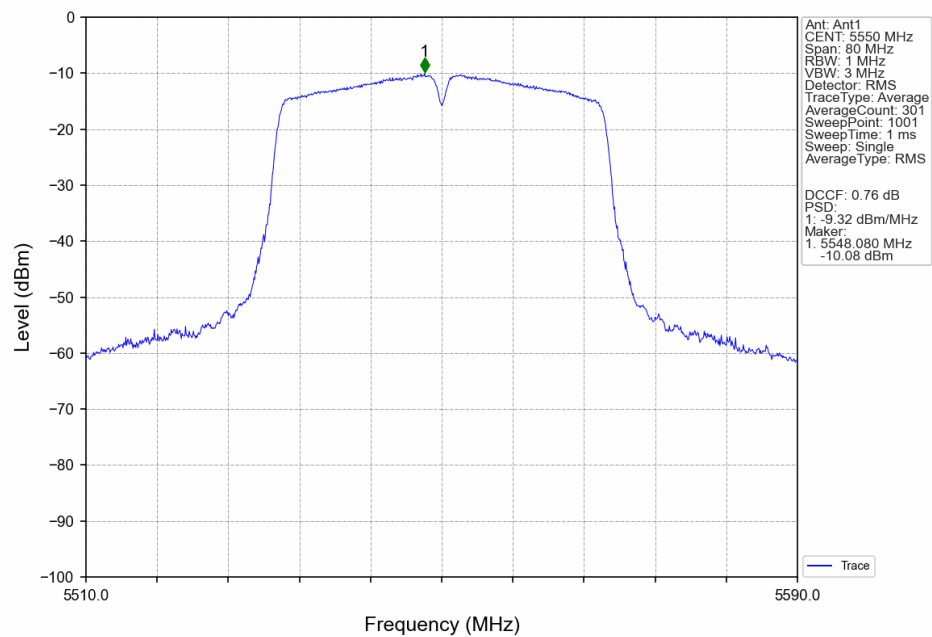
802.11n(HT40)_HCH_5310MHz_Ant1_NTNV



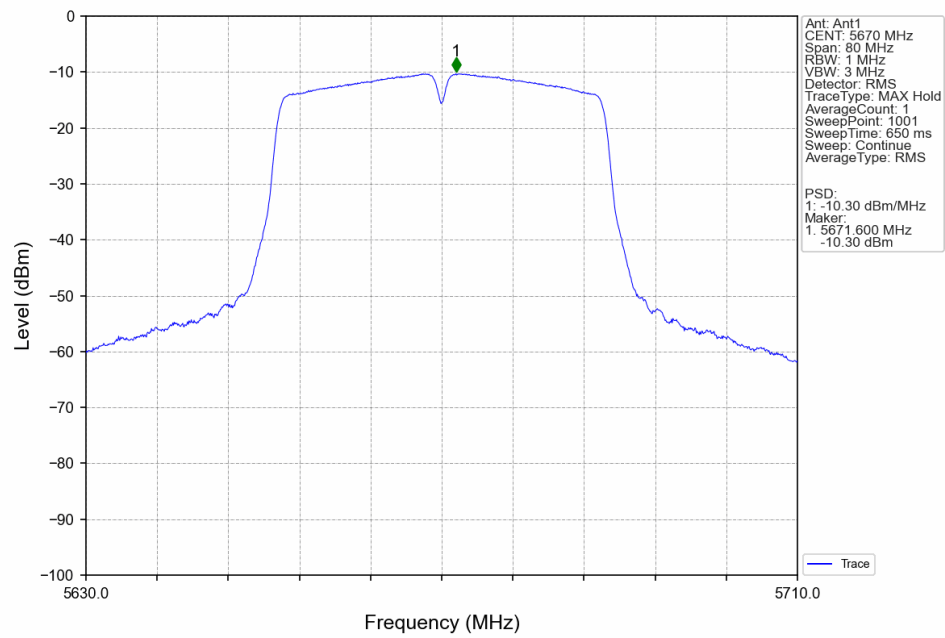
802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



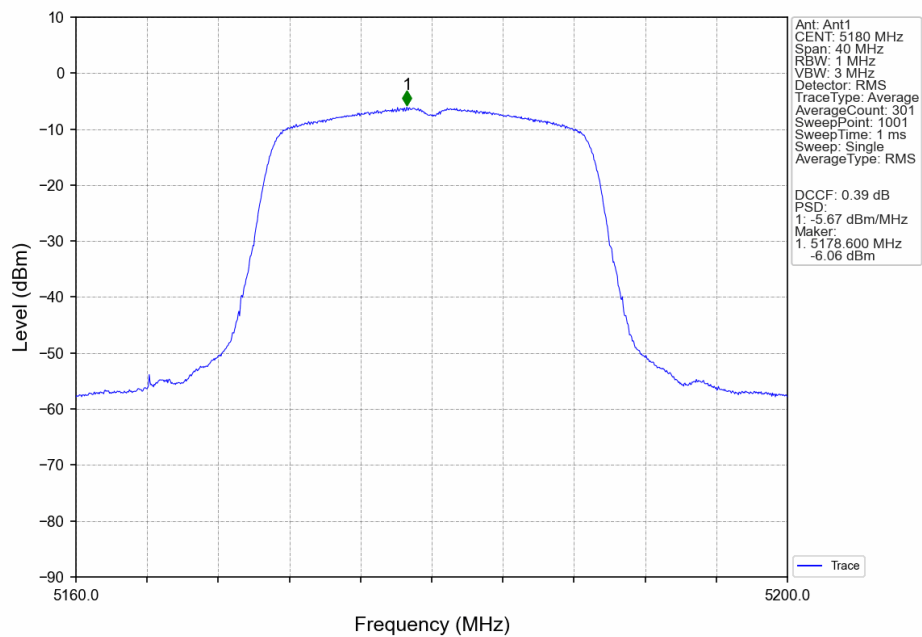
802.11n(HT40)_MCH_5550MHz_Ant1_NTNV



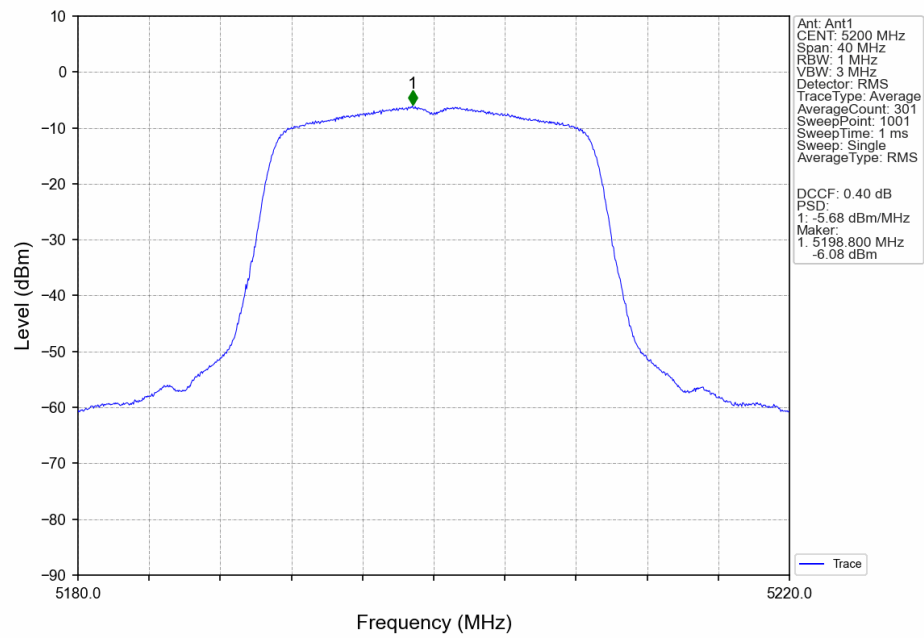
802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



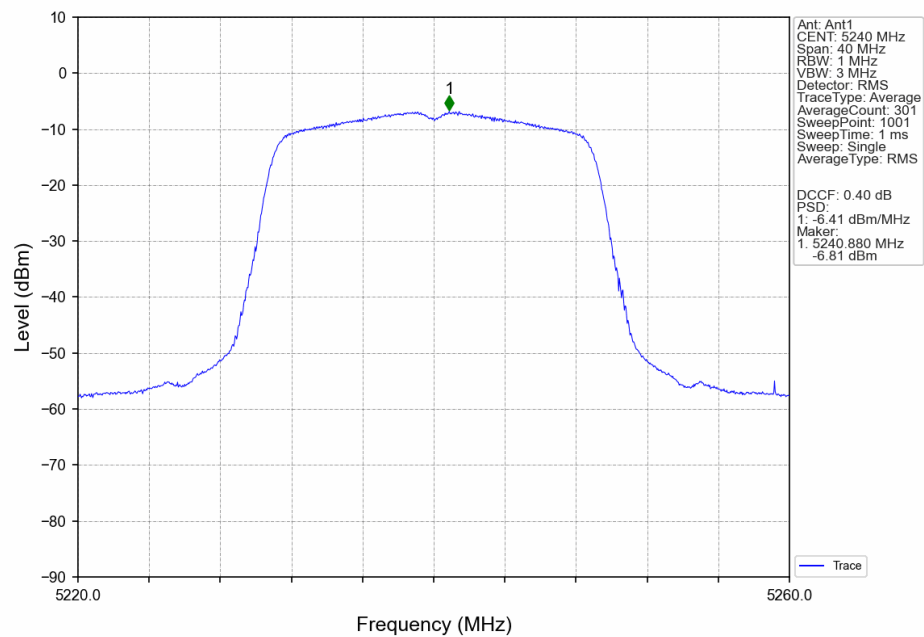
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



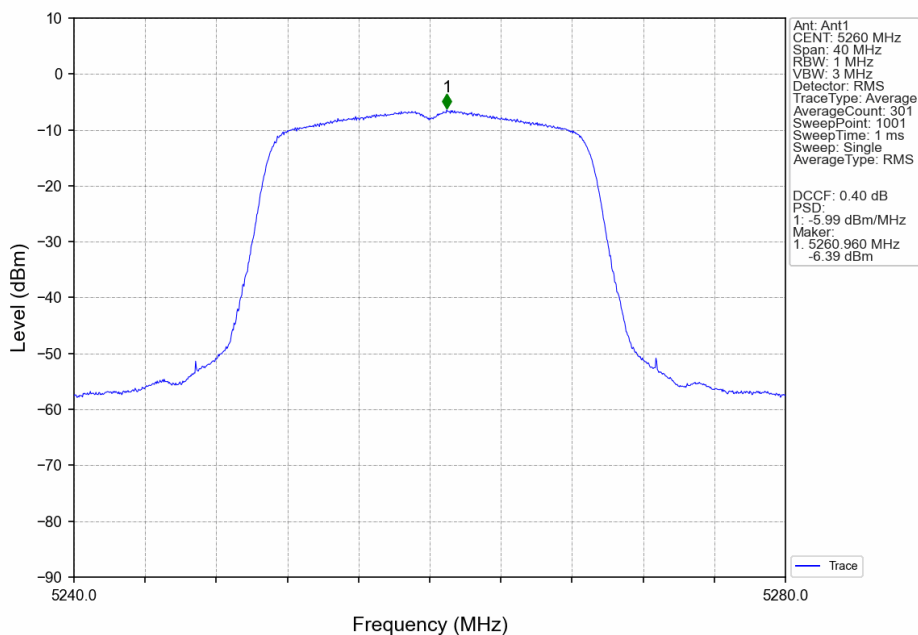
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



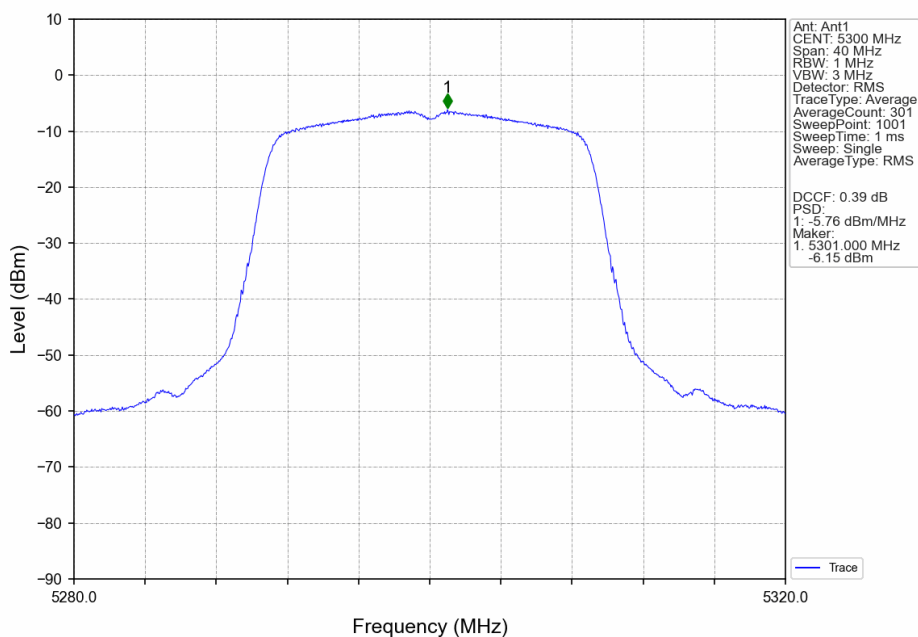
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



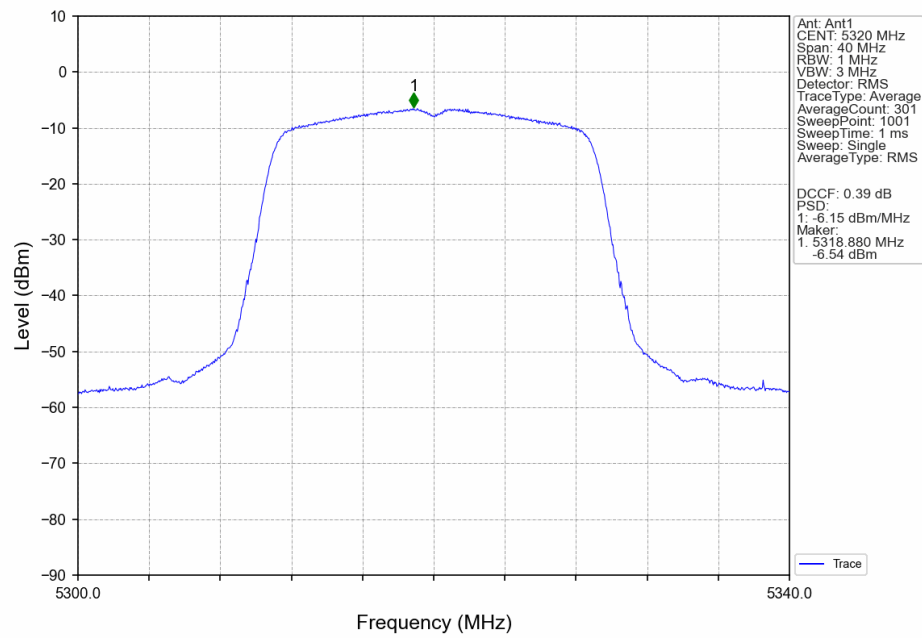
802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



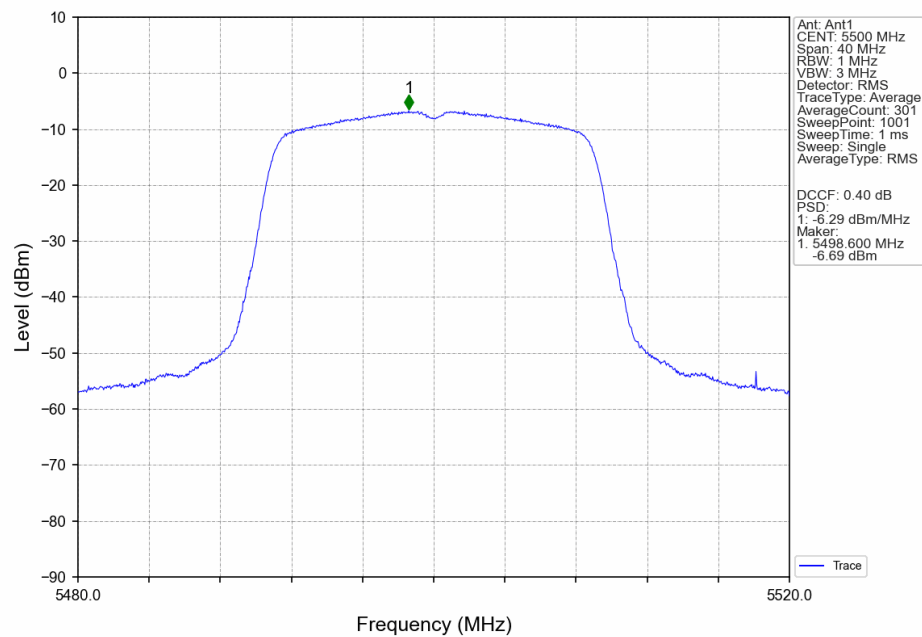
802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



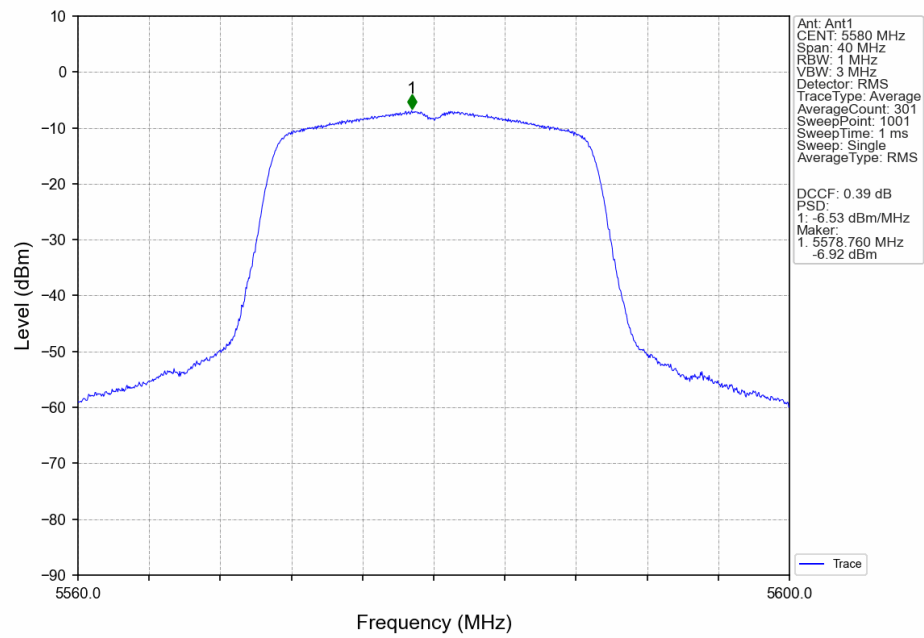
802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



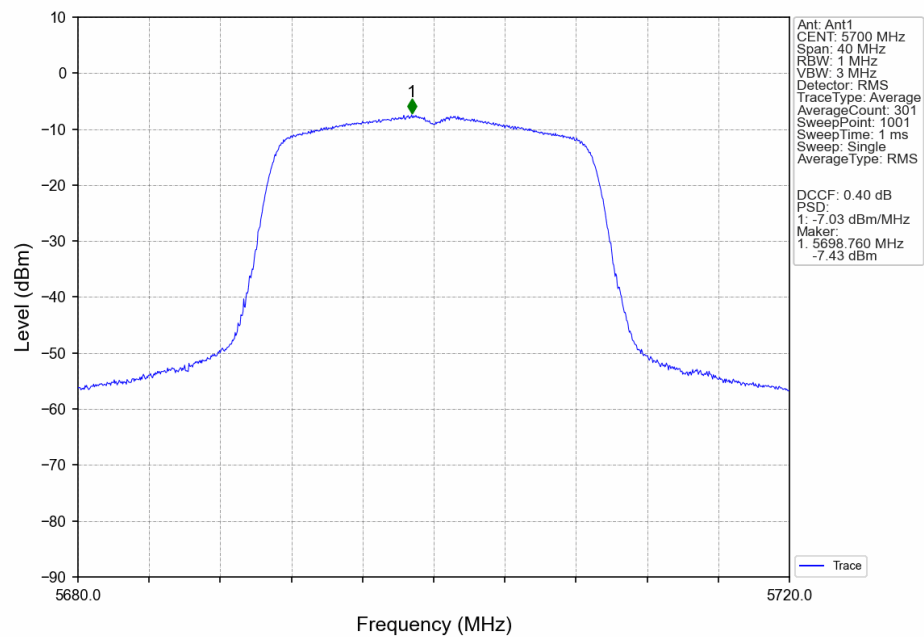
802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



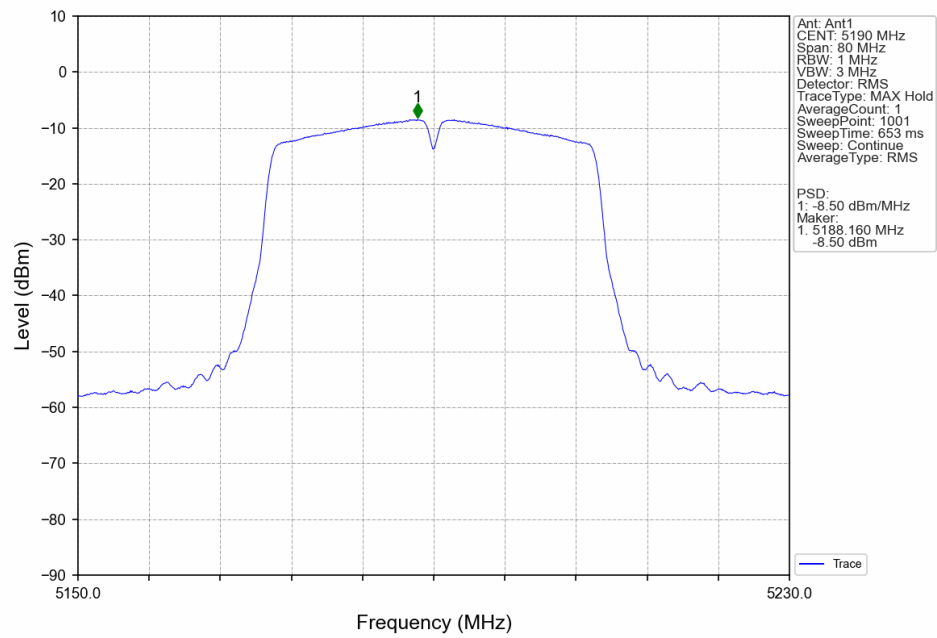
802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



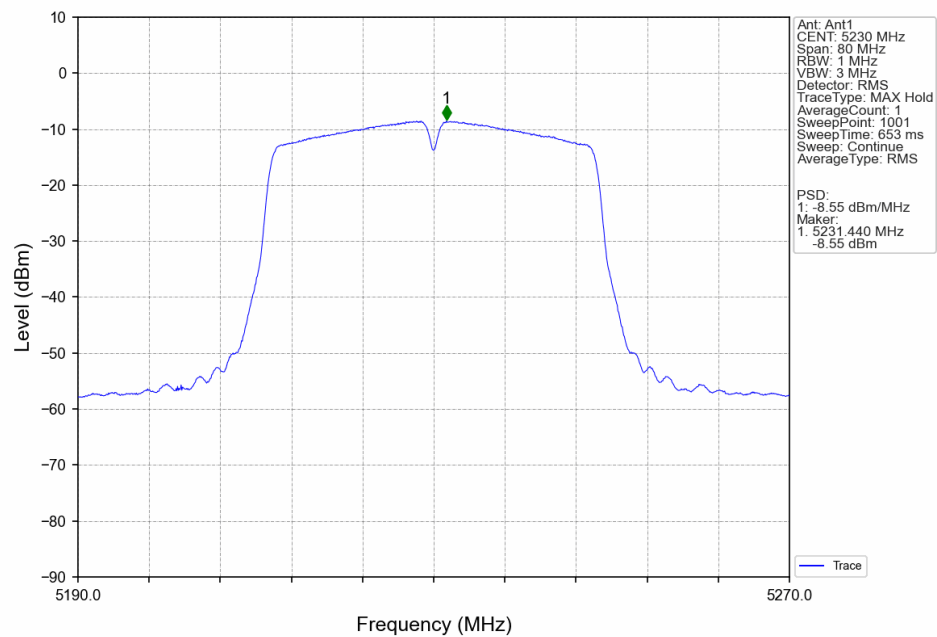
802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



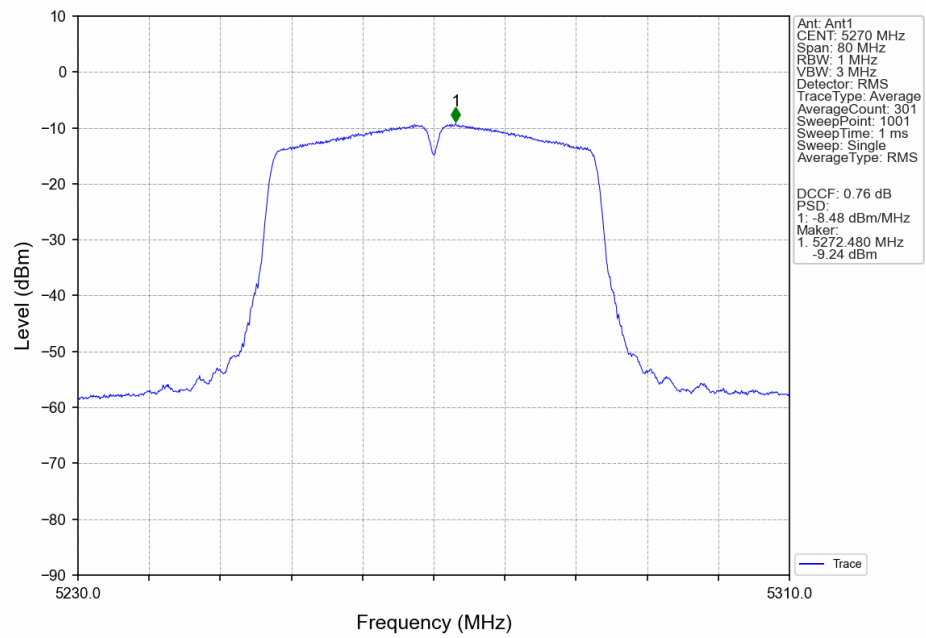
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



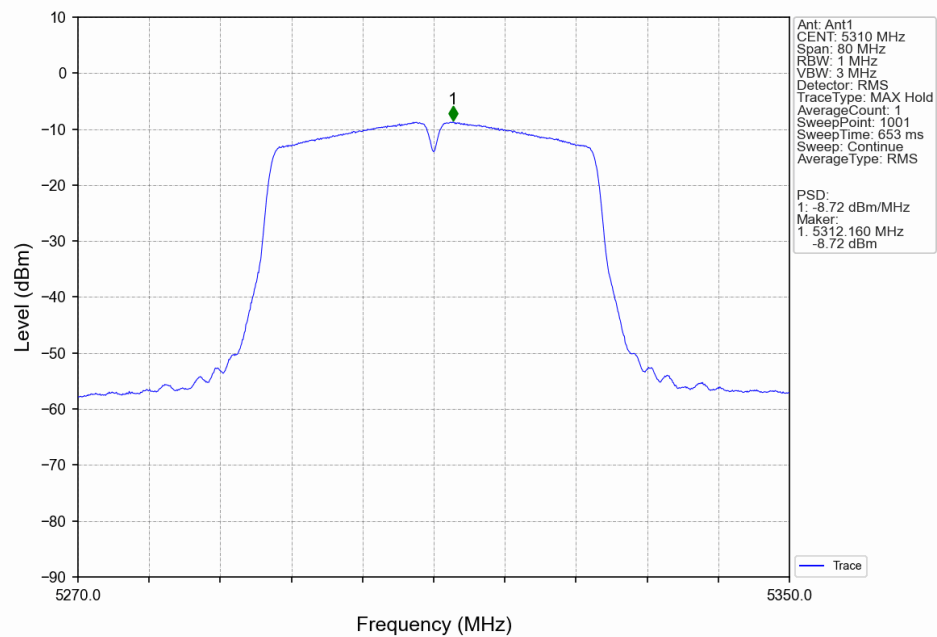
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



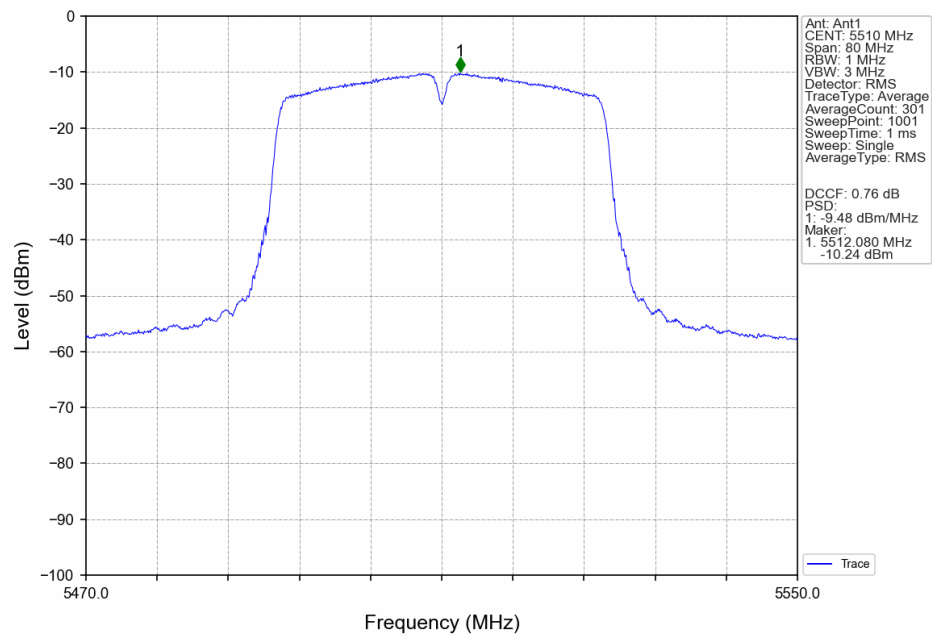
802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV



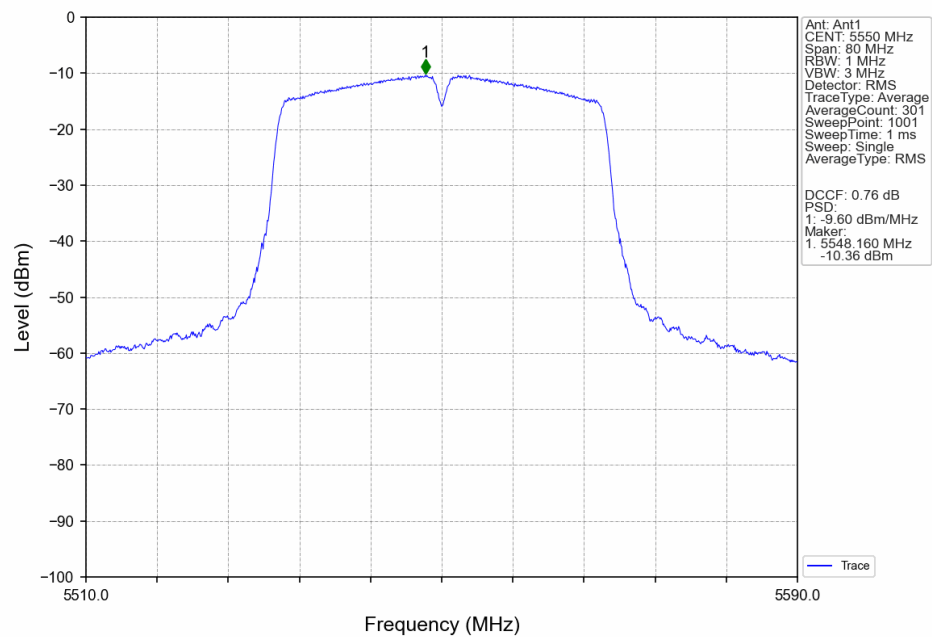
802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



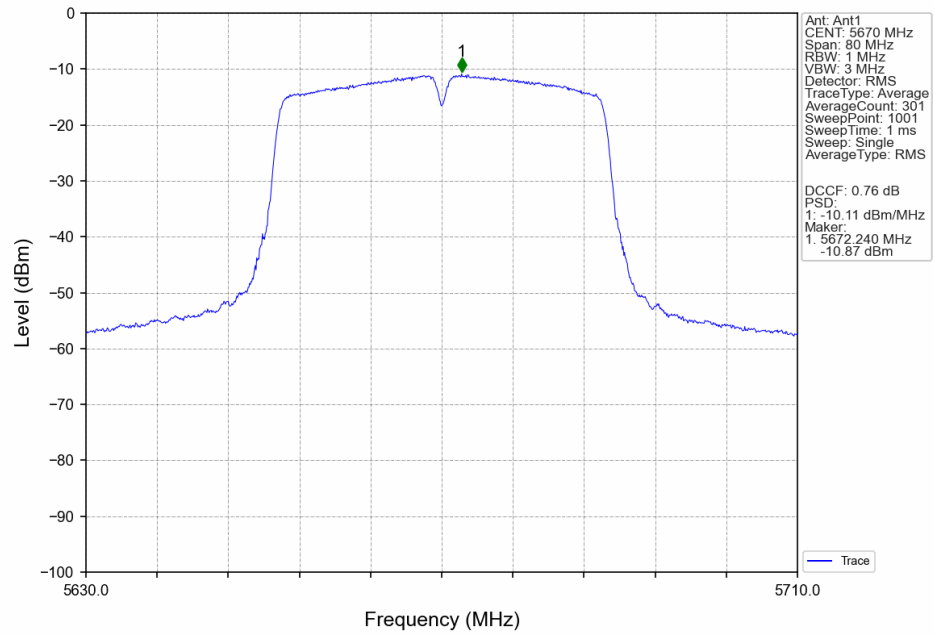
802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



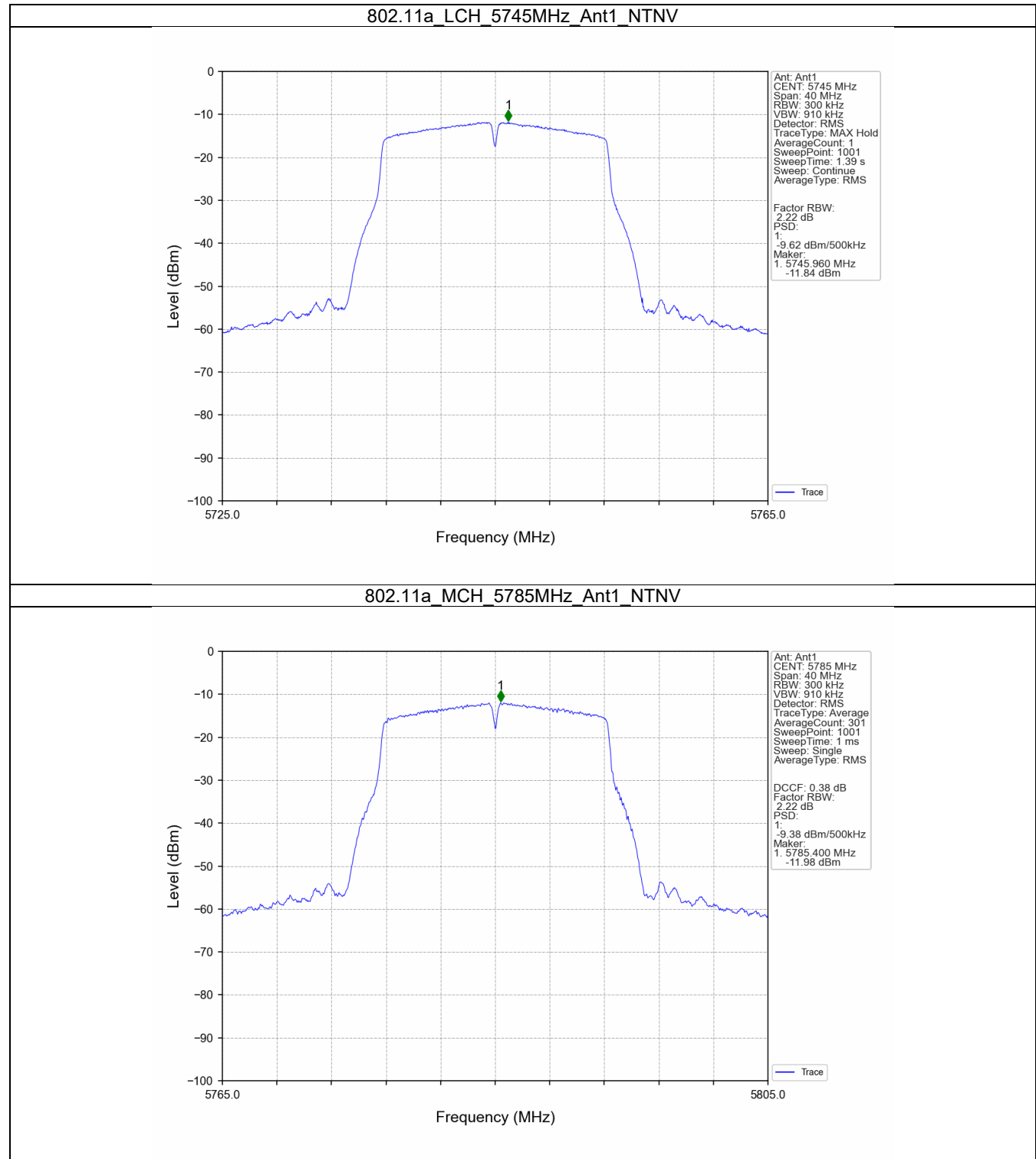
802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV



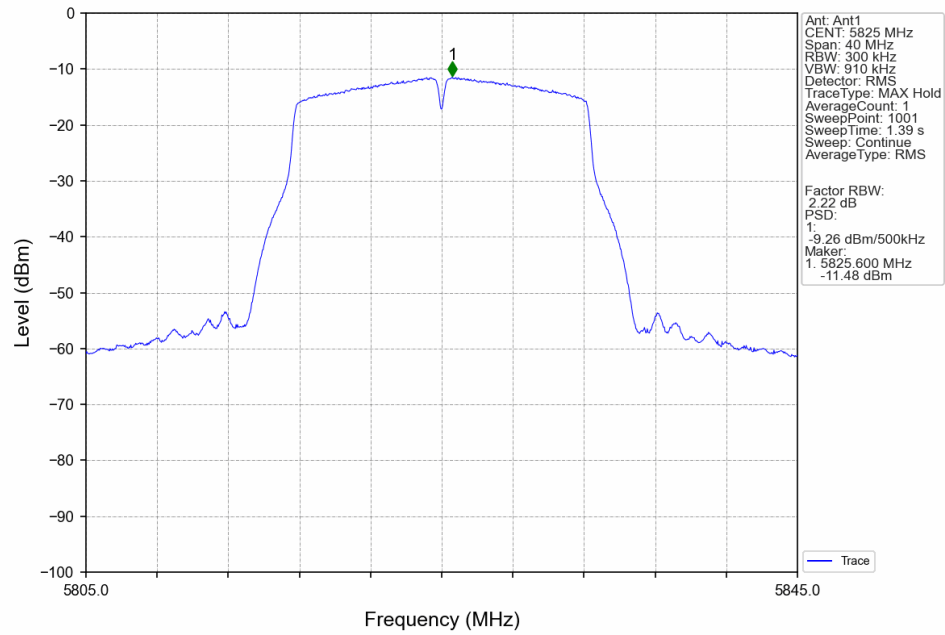
802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



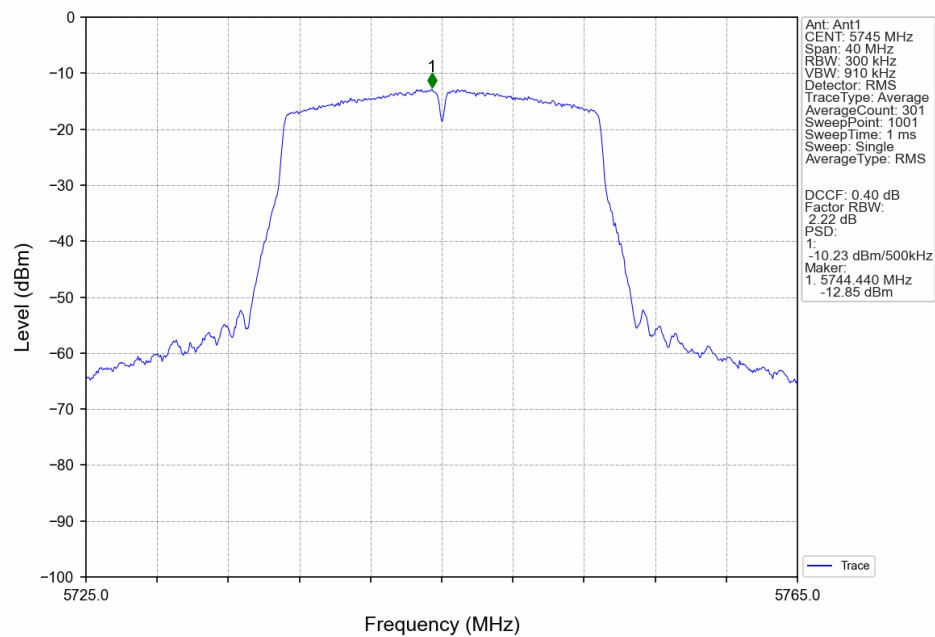
4.2.2 PSD-Band3



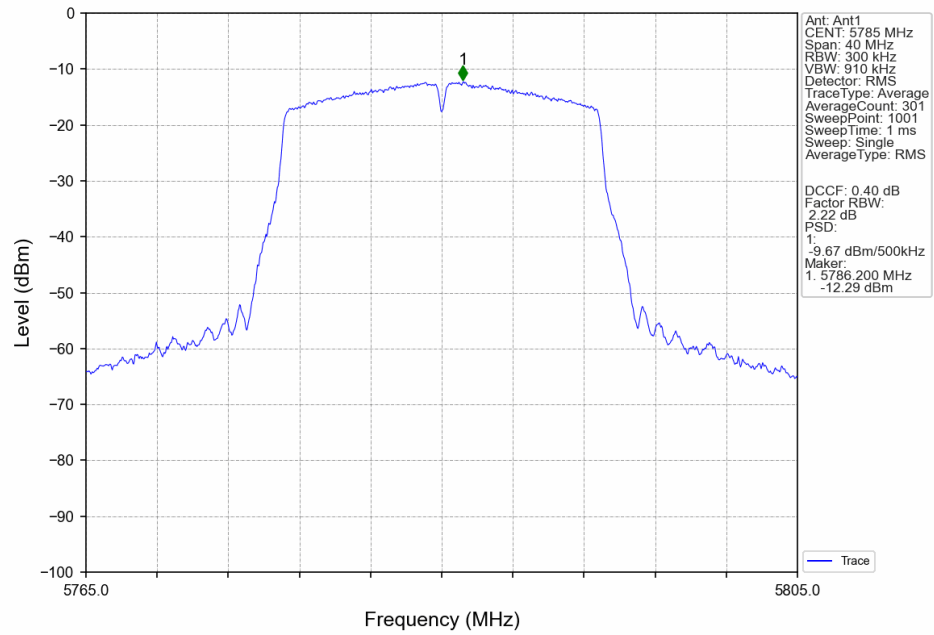
802.11a_HCH_5825MHz_Ant1_NTNV



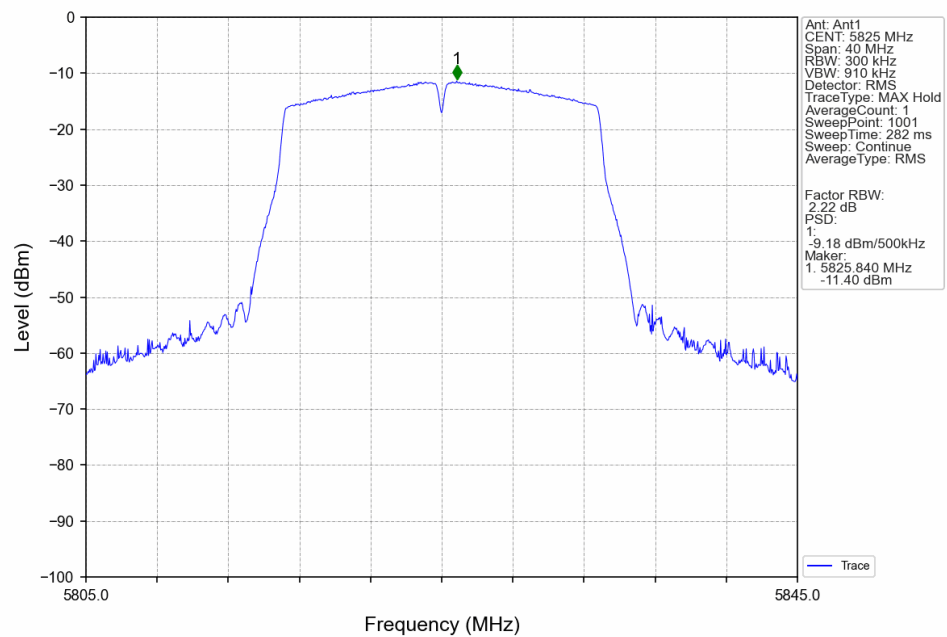
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



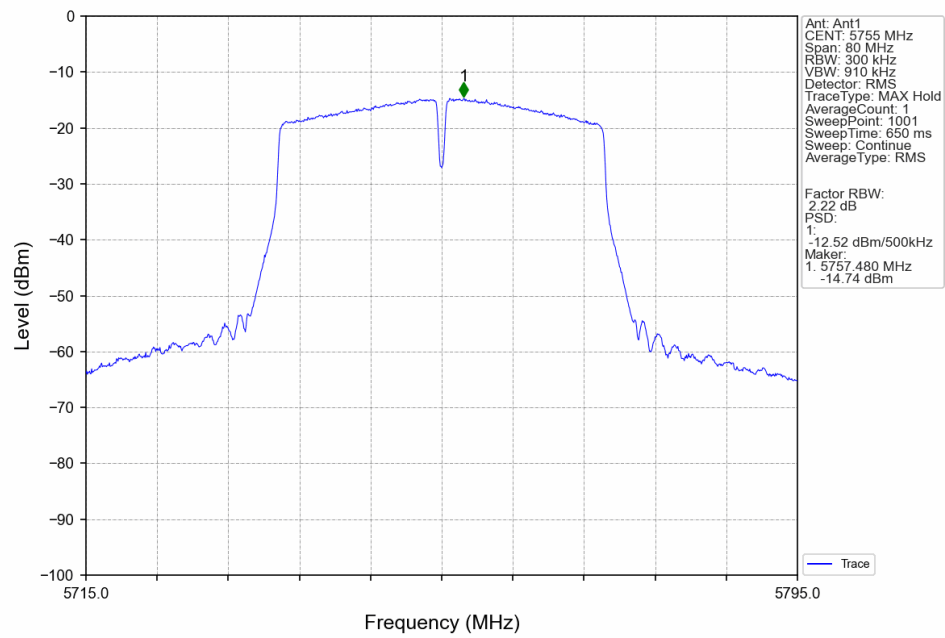
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



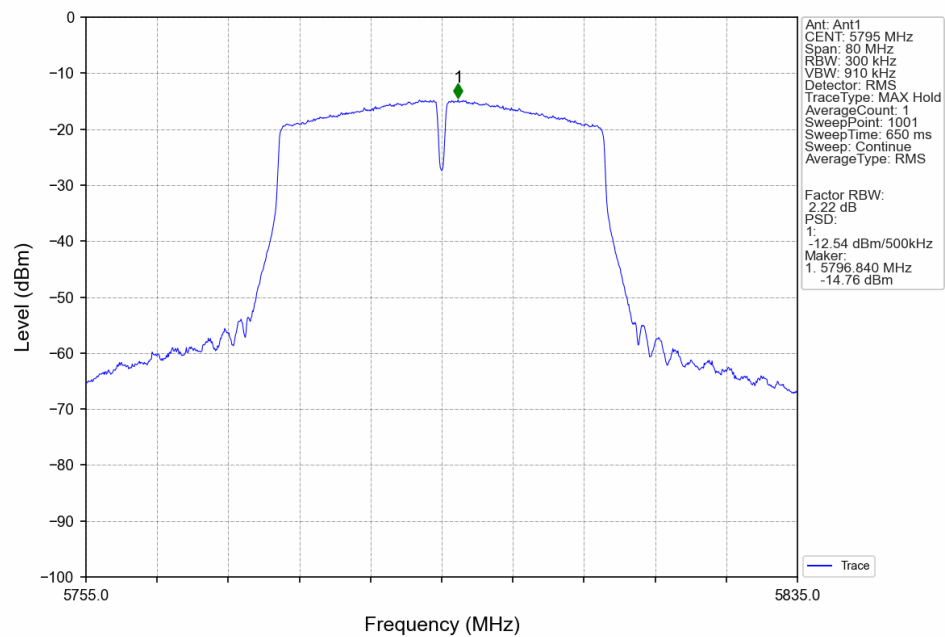
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



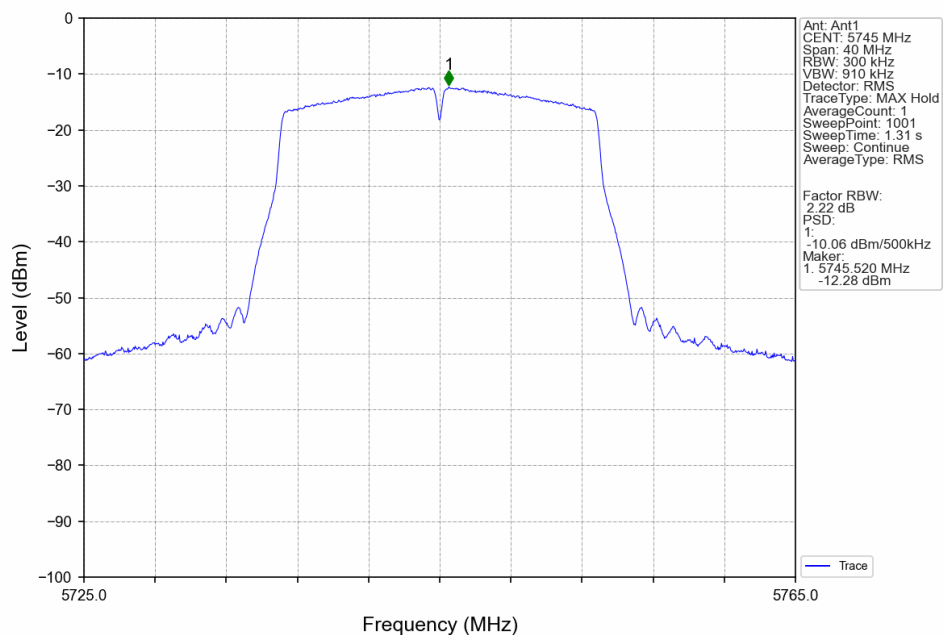
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



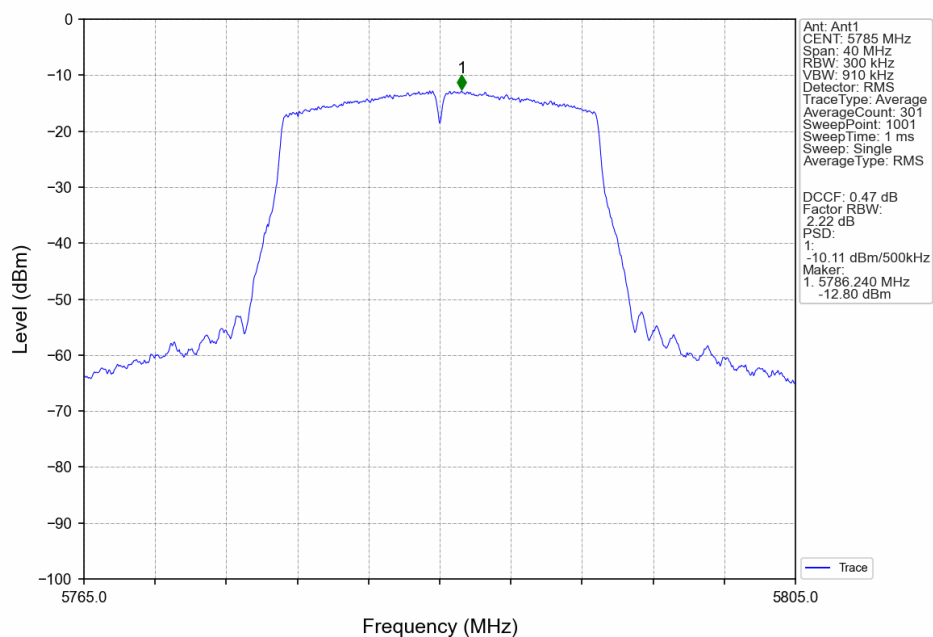
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



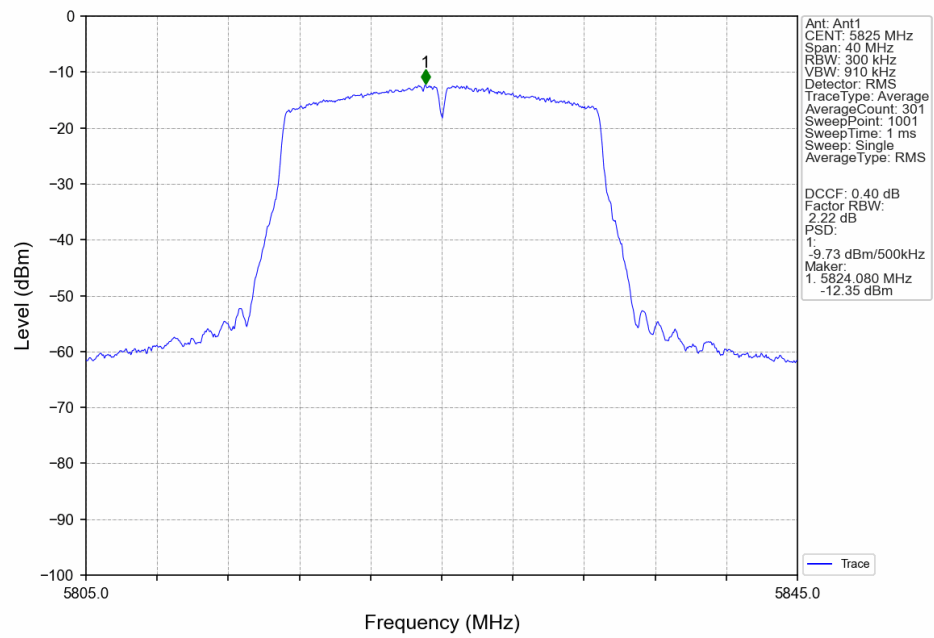
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



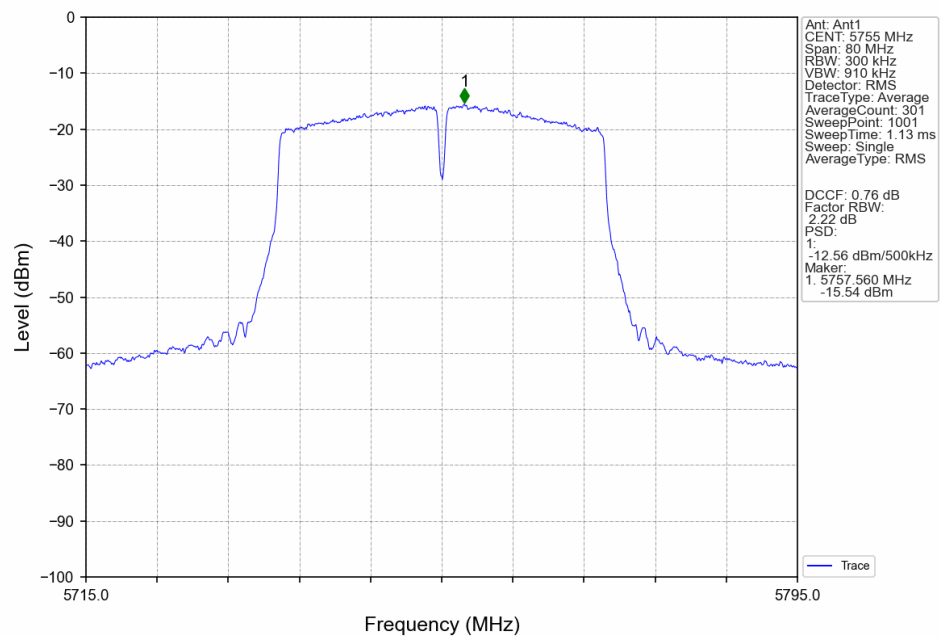
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



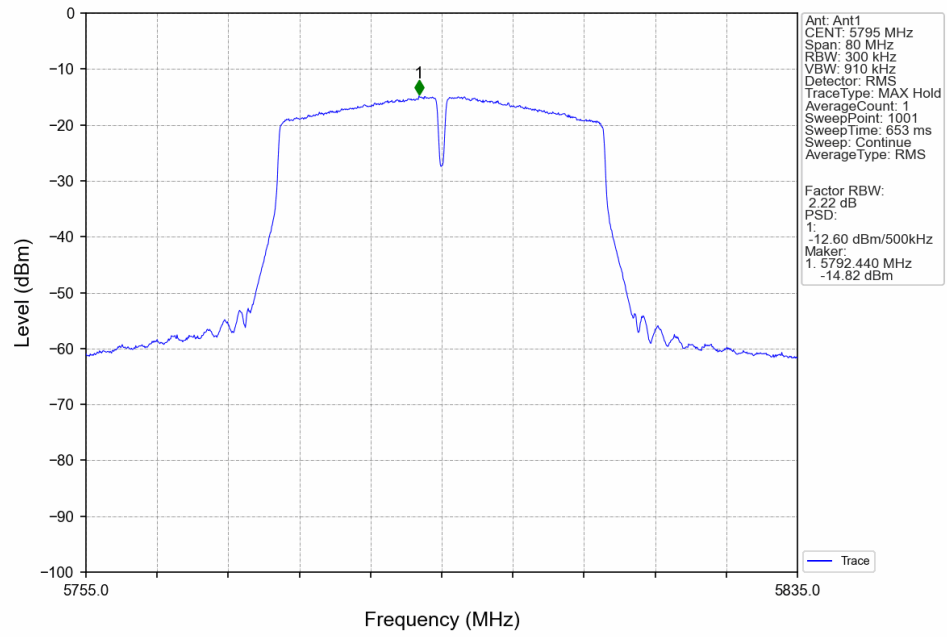
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



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	5180	20	102	5179.995	5150 to 5250	Pass
				120	5179.994	5150 to 5250	Pass
				138	5179.994	5150 to 5250	Pass
			-30	120	5179.994	5150 to 5250	Pass
			-20	120	5179.994	5150 to 5250	Pass
			-10	120	5179.994	5150 to 5250	Pass
			0	120	5179.994	5150 to 5250	Pass
			10	120	5179.994	5150 to 5250	Pass
			30	120	5179.994	5150 to 5250	Pass
			40	120	5179.994	5150 to 5250	Pass
			50	120	5179.994	5150 to 5250	Pass
		5200	20	102	5199.994	5150 to 5250	Pass
				120	5199.994	5150 to 5250	Pass
				138	5199.993	5150 to 5250	Pass
			-30	120	5199.993	5150 to 5250	Pass
			-20	120	5199.993	5150 to 5250	Pass
			-10	120	5199.993	5150 to 5250	Pass
			0	120	5199.993	5150 to 5250	Pass
			10	120	5199.992	5150 to 5250	Pass
			30	120	5199.992	5150 to 5250	Pass
			40	120	5199.992	5150 to 5250	Pass
			50	120	5199.992	5150 to 5250	Pass
		5240	20	102	5239.991	5150 to 5250	Pass
				120	5239.991	5150 to 5250	Pass
				138	5239.991	5150 to 5250	Pass
			-30	120	5239.991	5150 to 5250	Pass
			-20	120	5239.991	5150 to 5250	Pass
			-10	120	5239.991	5150 to 5250	Pass
			0	120	5239.991	5150 to 5250	Pass
			10	120	5239.991	5150 to 5250	Pass
			30	120	5239.991	5150 to 5250	Pass
			40	120	5239.991	5150 to 5250	Pass
			50	120	5239.991	5150 to 5250	Pass
		5260	20	102	5259.991	5250 to 5350	Pass
				120	5259.991	5250 to 5350	Pass
				138	5259.991	5250 to 5350	Pass
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***** End of Report *****