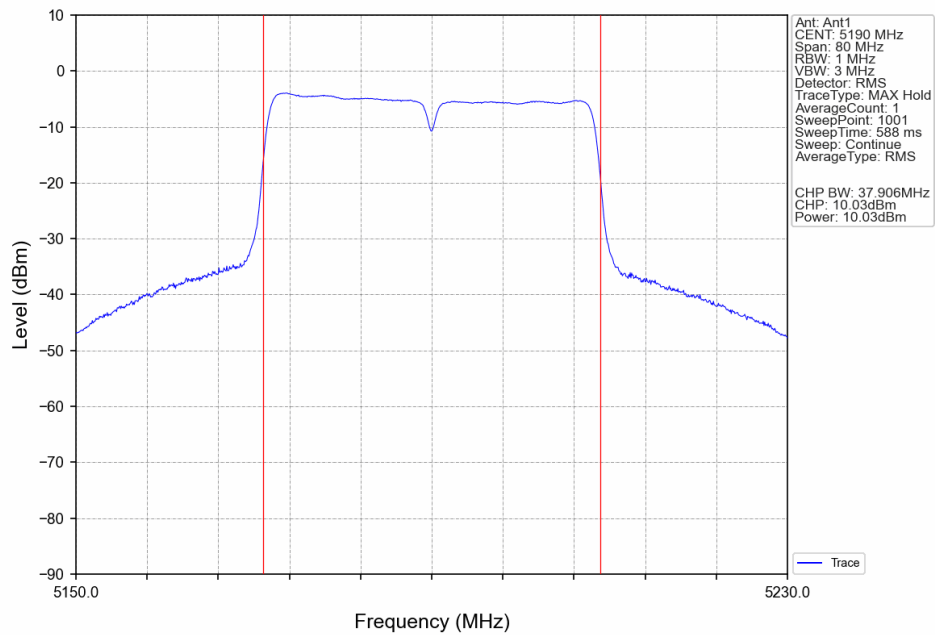
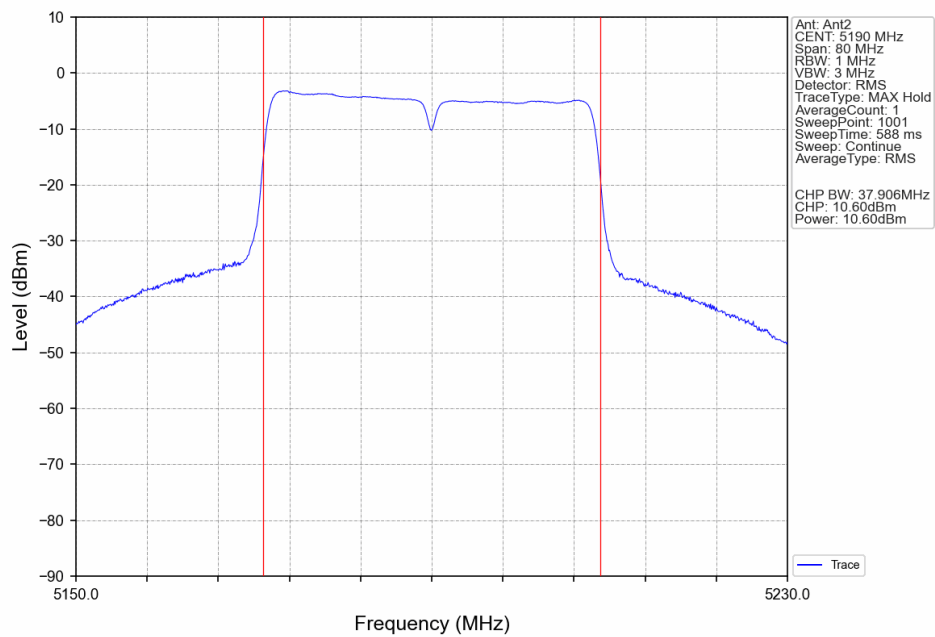


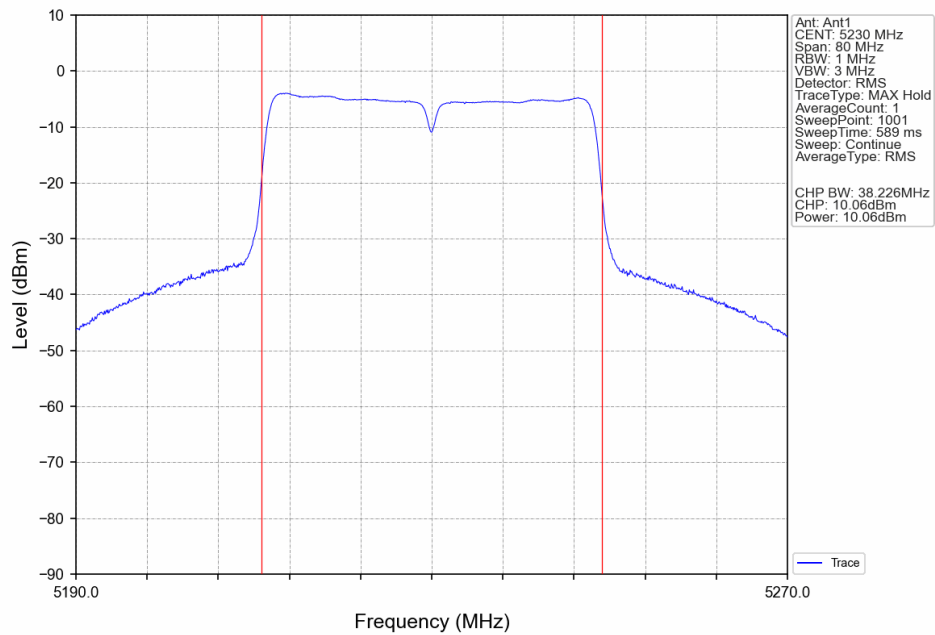
802.11n(HT40) LCH 5190MHz Ant1 NTN



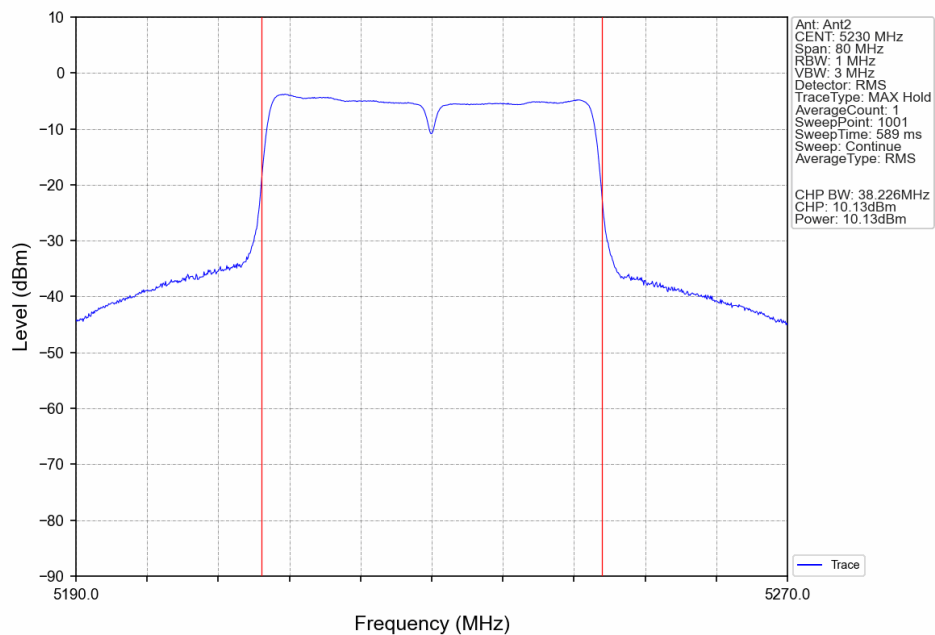
802.11n(HT40) LCH 5190MHz Ant2 NTN



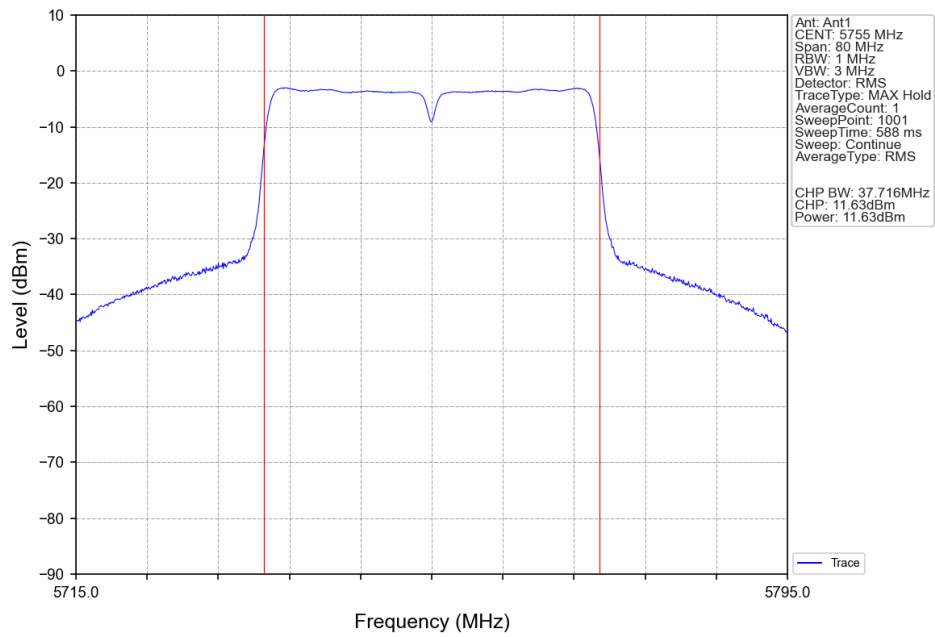
802.11n(HT40) HCH 5230MHz Ant1 NTN



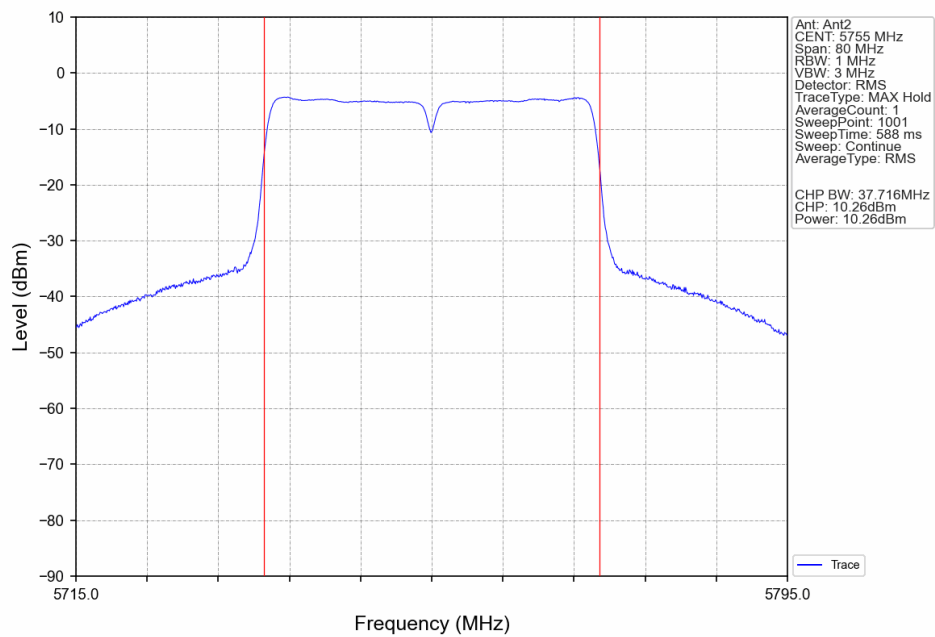
802.11n(HT40) HCH 5230MHz Ant2 NTN



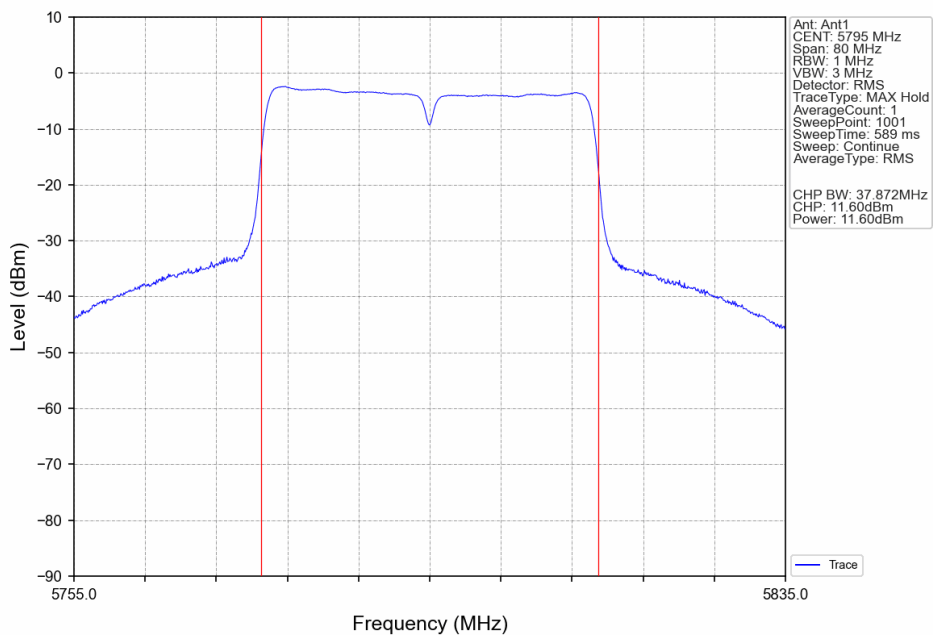
802.11n(HT40) LCH 5755MHz Ant1_NTNV



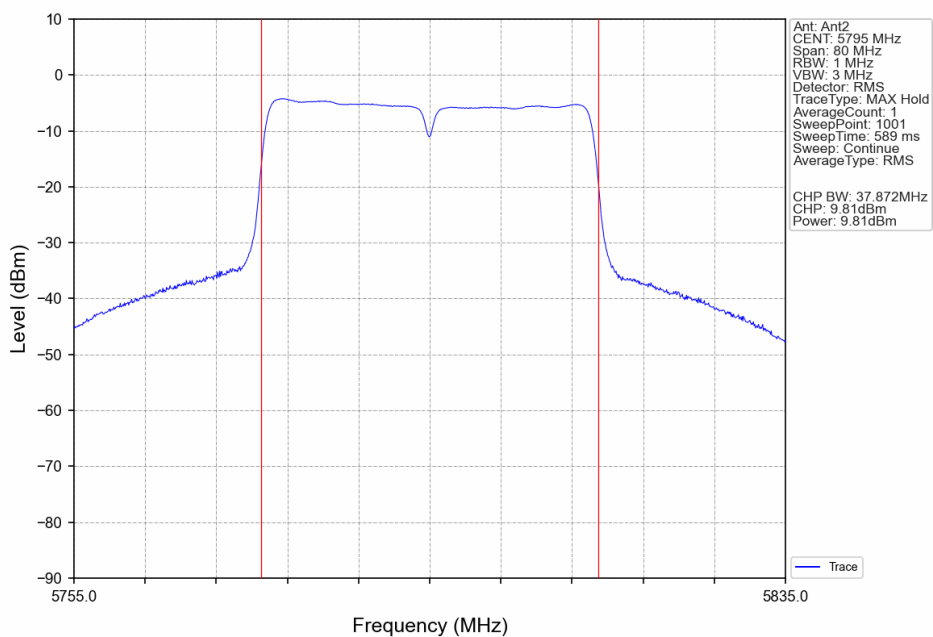
802.11n(HT40) LCH 5755MHz Ant2_NTNV



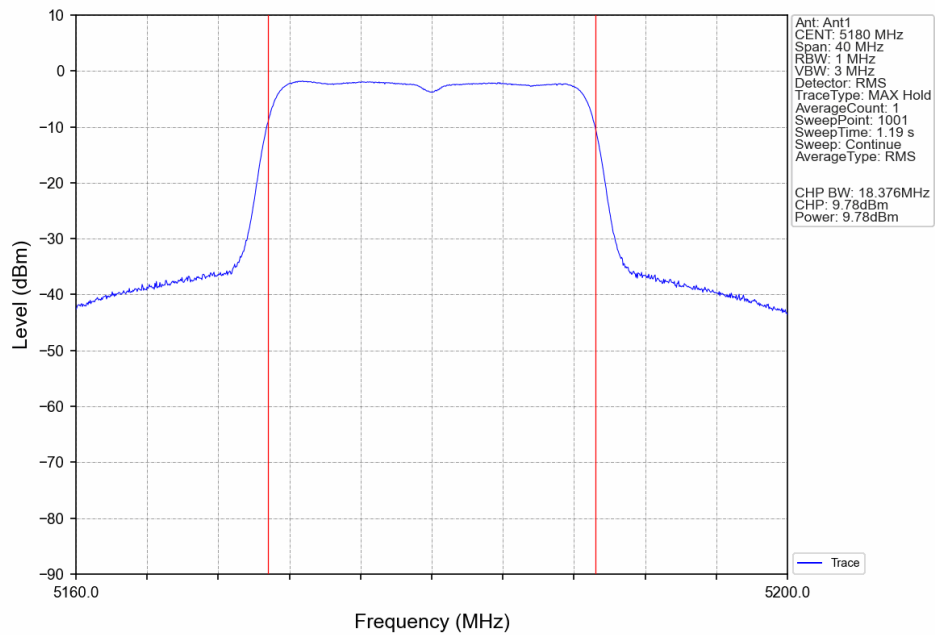
802.11n(HT40) HCH 5795MHz Ant1_NTNV



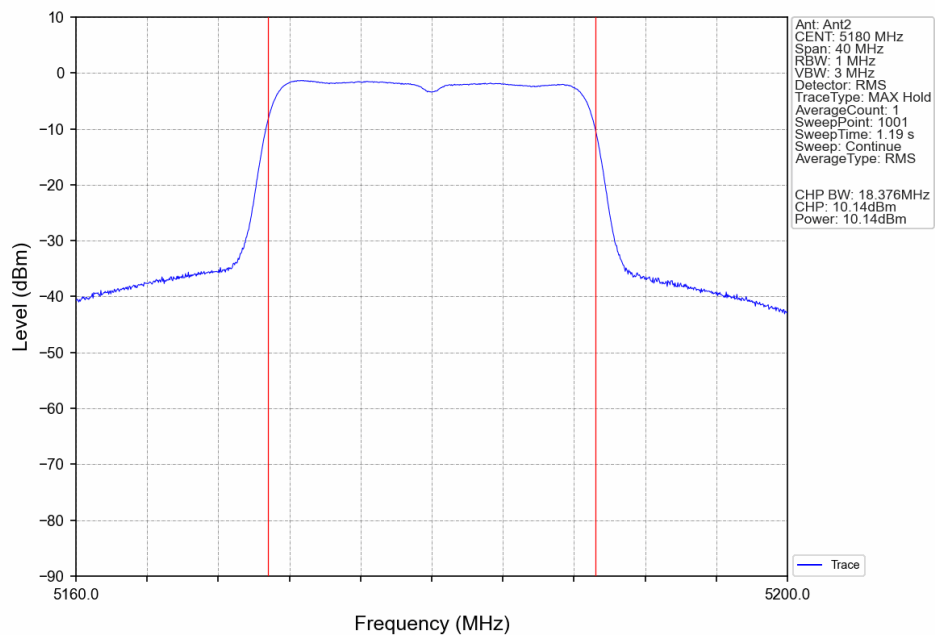
802.11n(HT40) HCH 5795MHz Ant2_NTNV



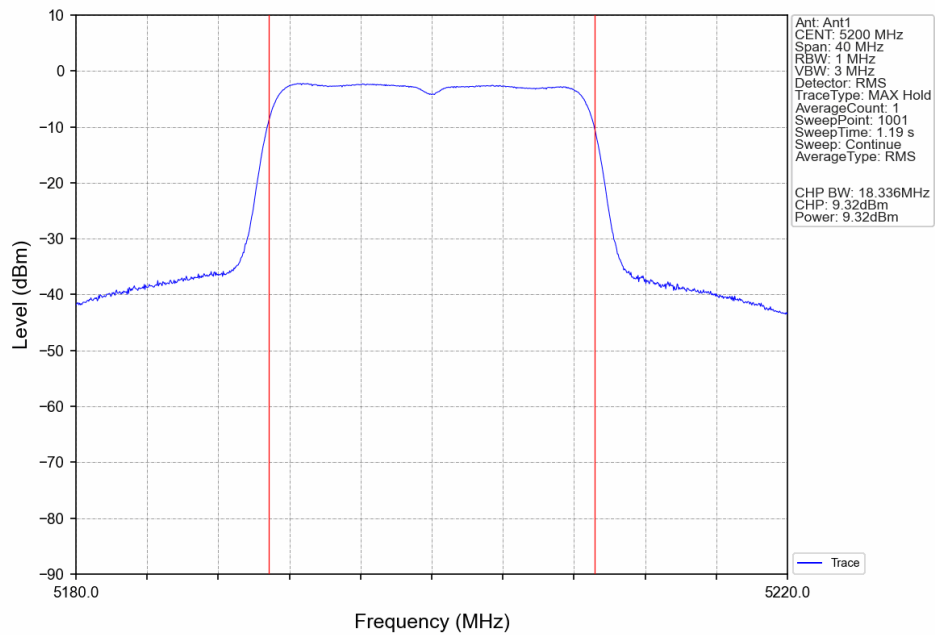
802.11ac(VHT20) LCH 5180MHz Ant1 NTN



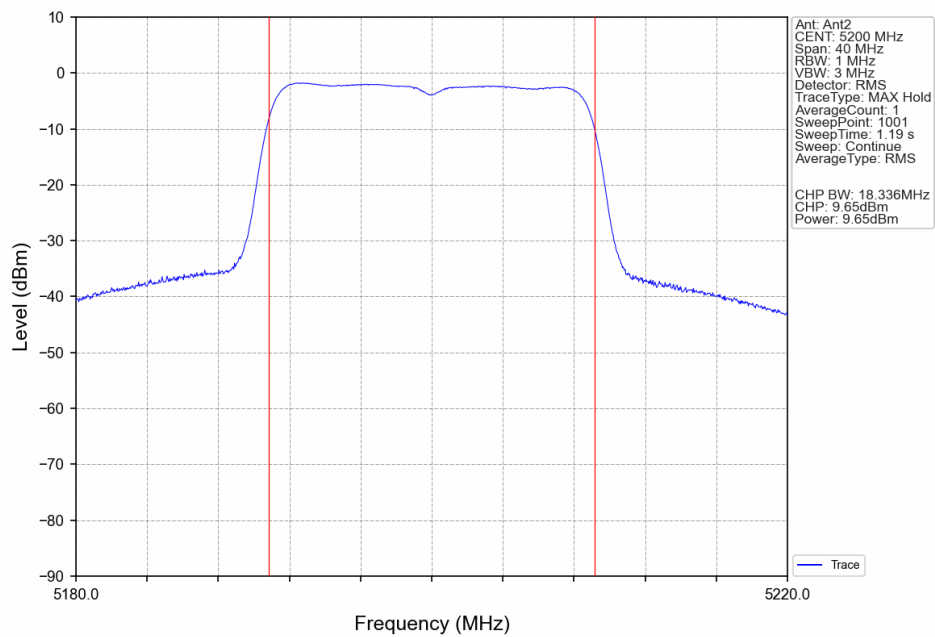
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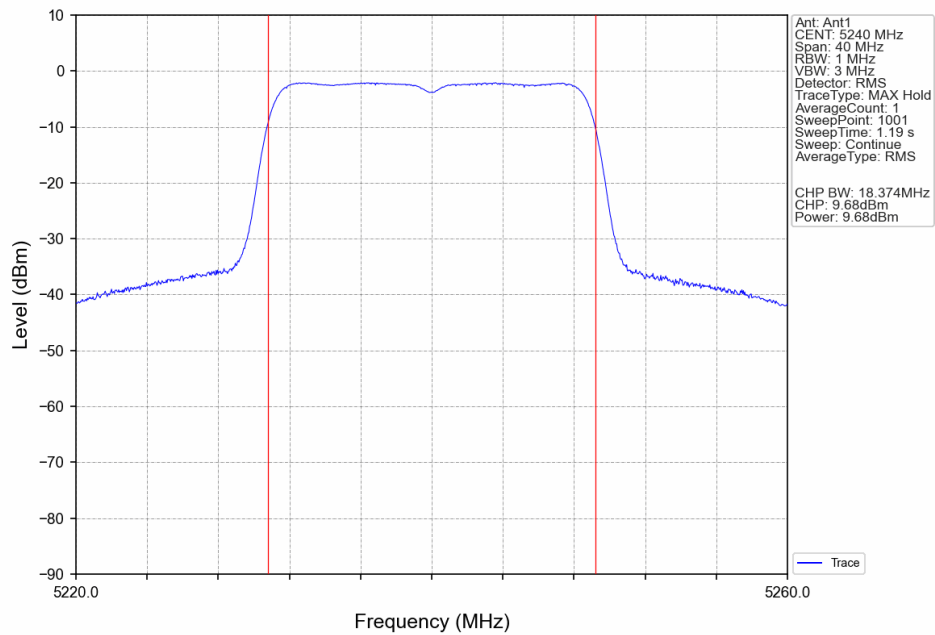
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



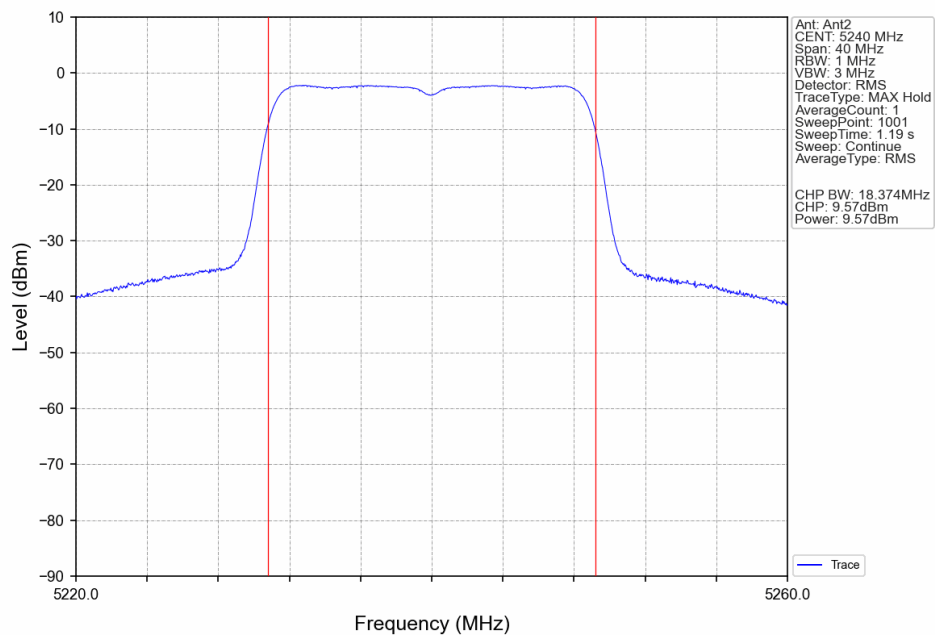
802.11ac(VHT20)_MCH_5200MHz_Ant2_NTNV



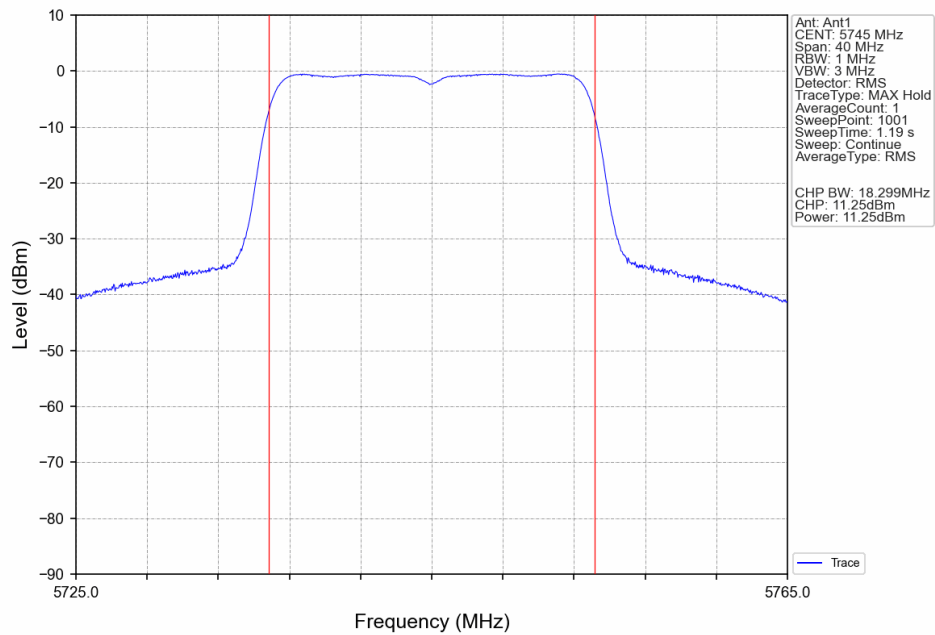
802.11ac(VHT20) HCH 5240MHz Ant1_NTNV



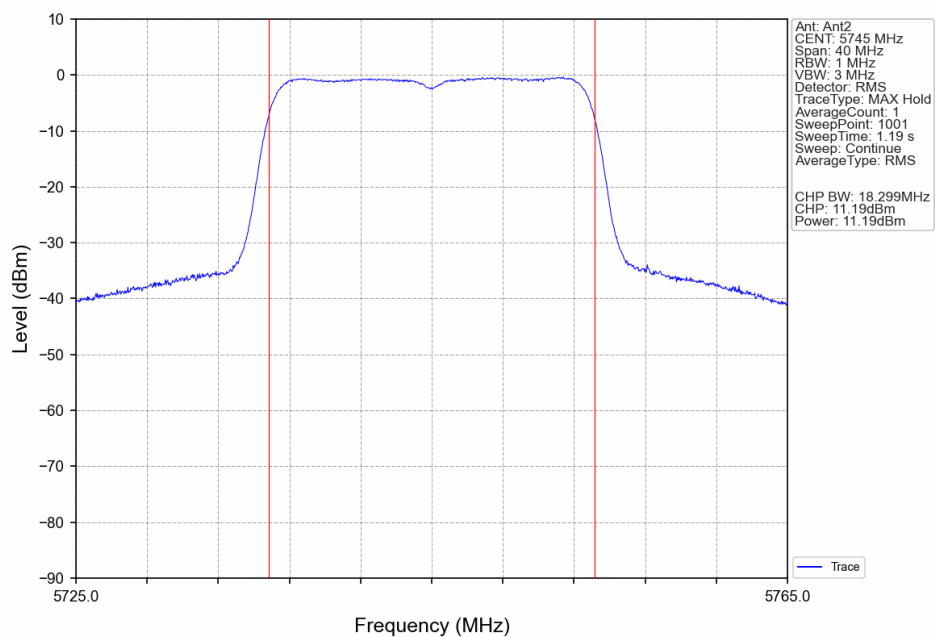
802.11ac(VHT20) HCH 5240MHz Ant2_NTNV



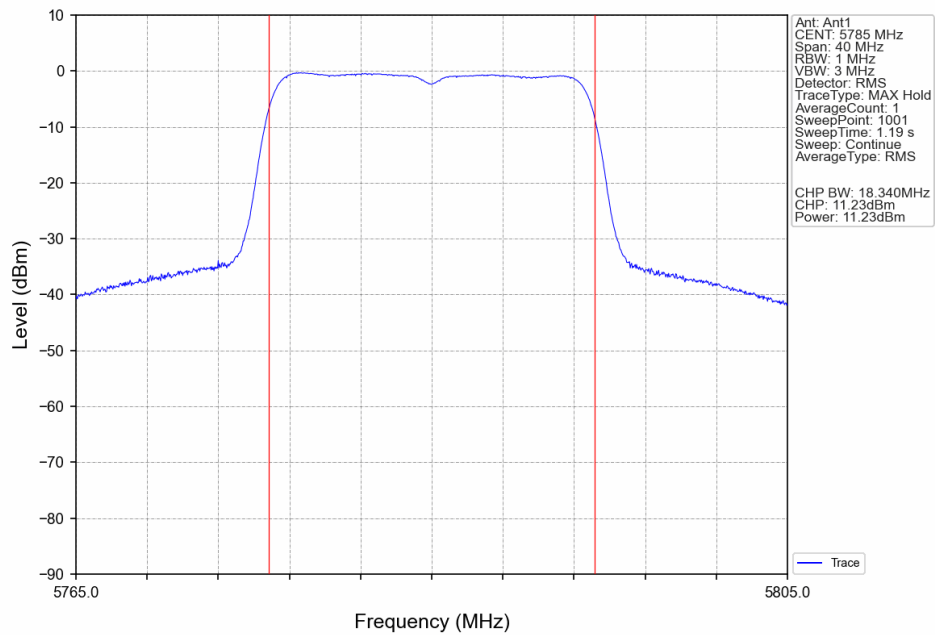
802.11ac(VHT20) LCH 5745MHz Ant1 NTN



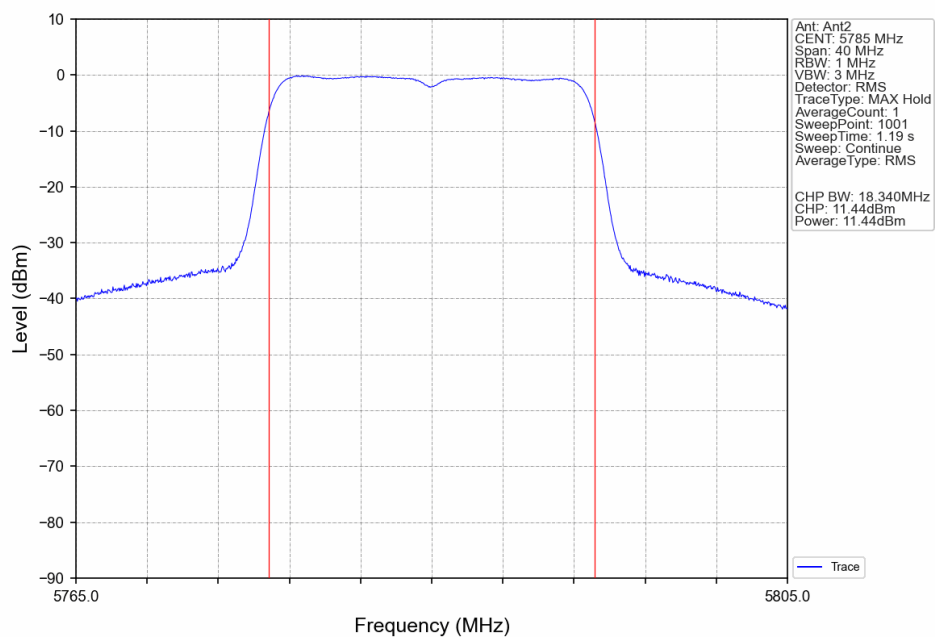
802.11ac(VHT20) LCH 5745MHz Ant2 NTN



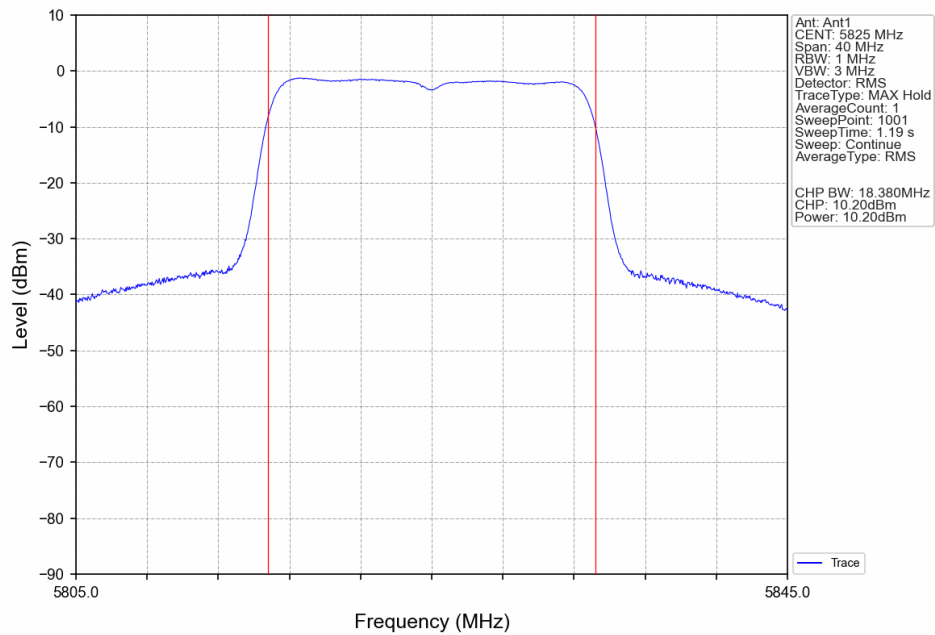
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



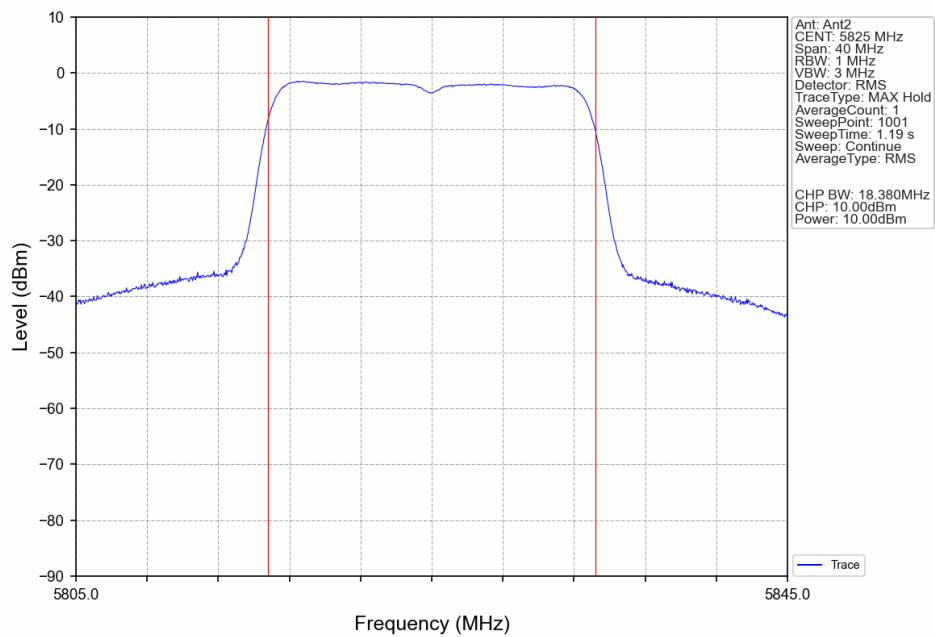
802.11ac(VHT20)_MCH_5785MHz_Ant2_NTNV



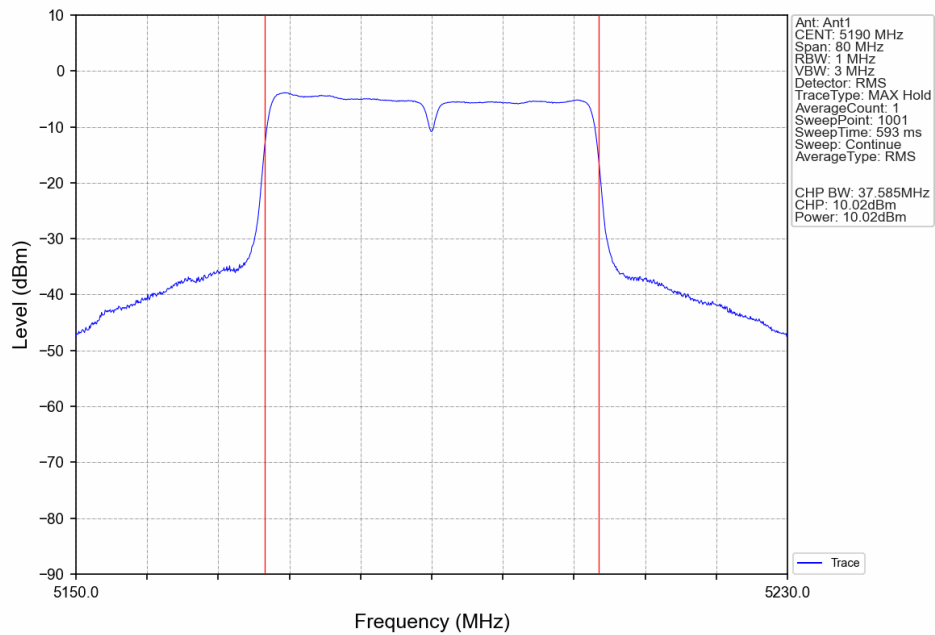
802.11ac(VHT20) HCH 5825MHz Ant1_NTNV



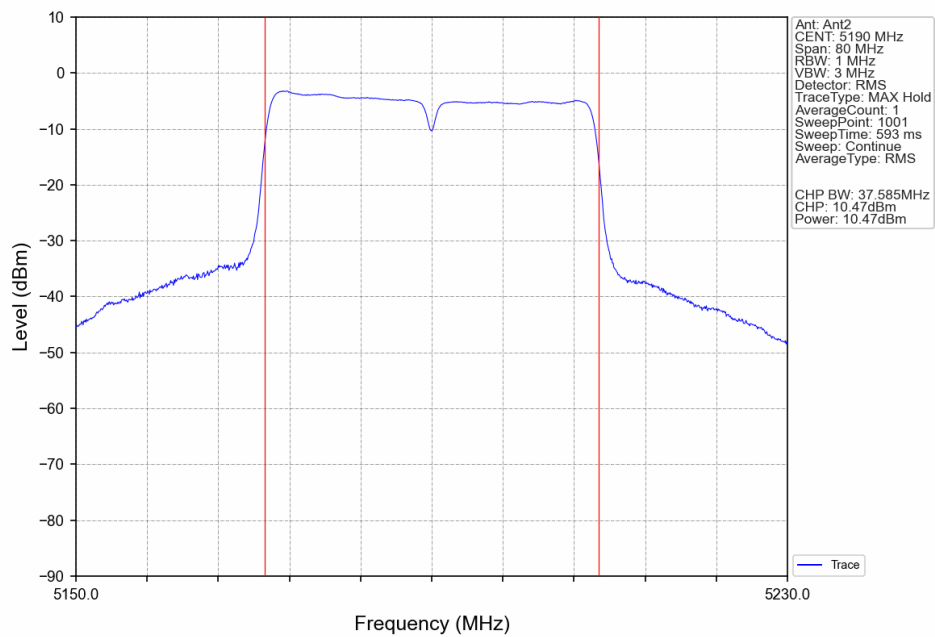
802.11ac(VHT20) HCH 5825MHz Ant2_NTNV



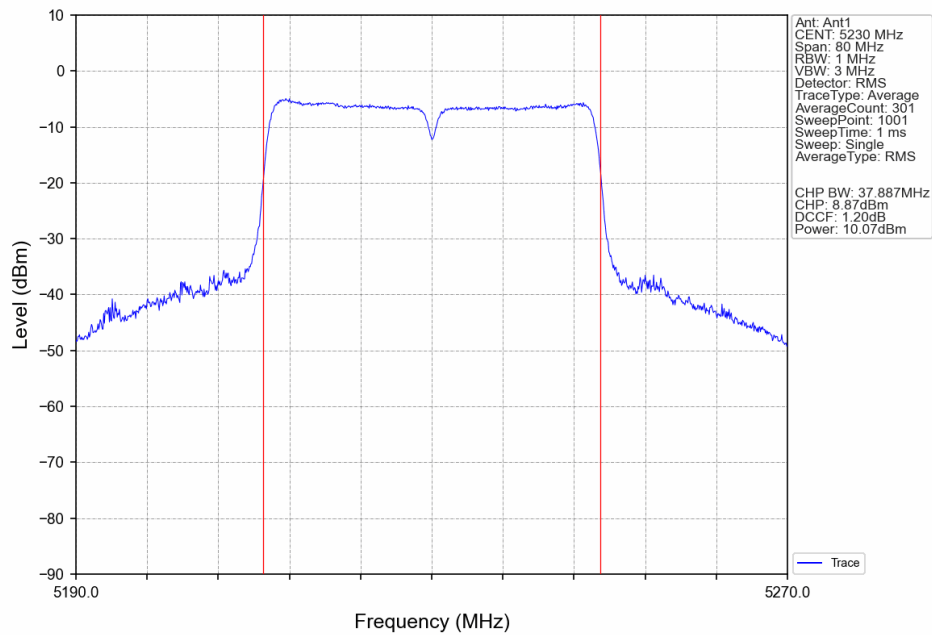
802.11ac(VHT40) LCH 5190MHz Ant1 NTN



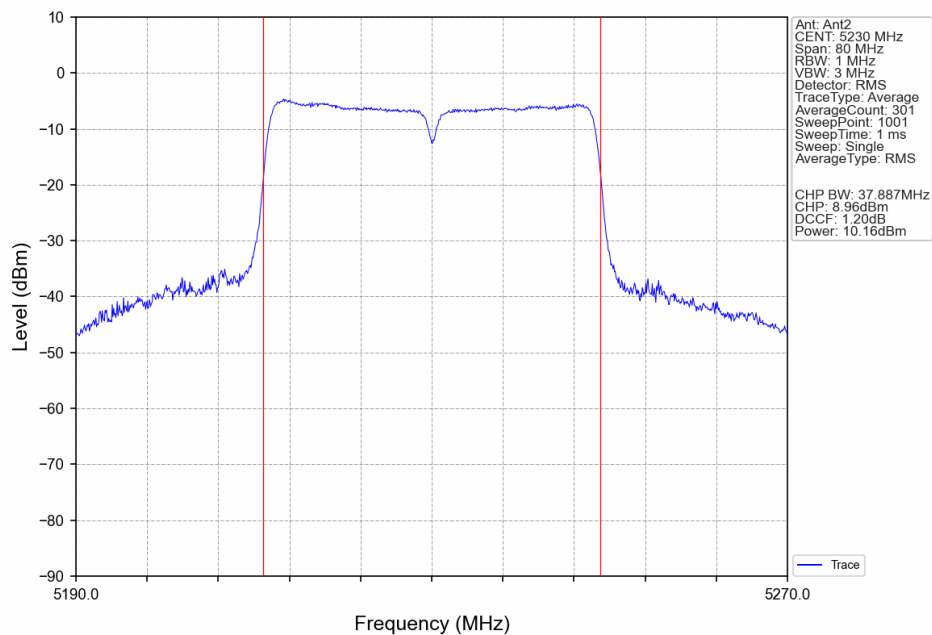
802.11ac(VHT40) LCH 5190MHz Ant2 NTN



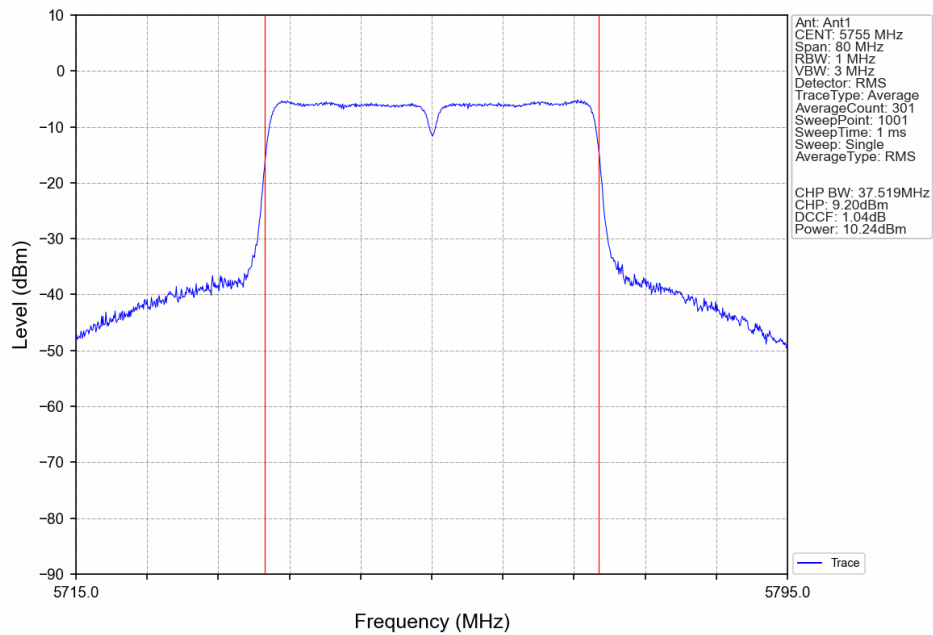
802.11ac(VHT40) HCH 5230MHz Ant1_NTNV



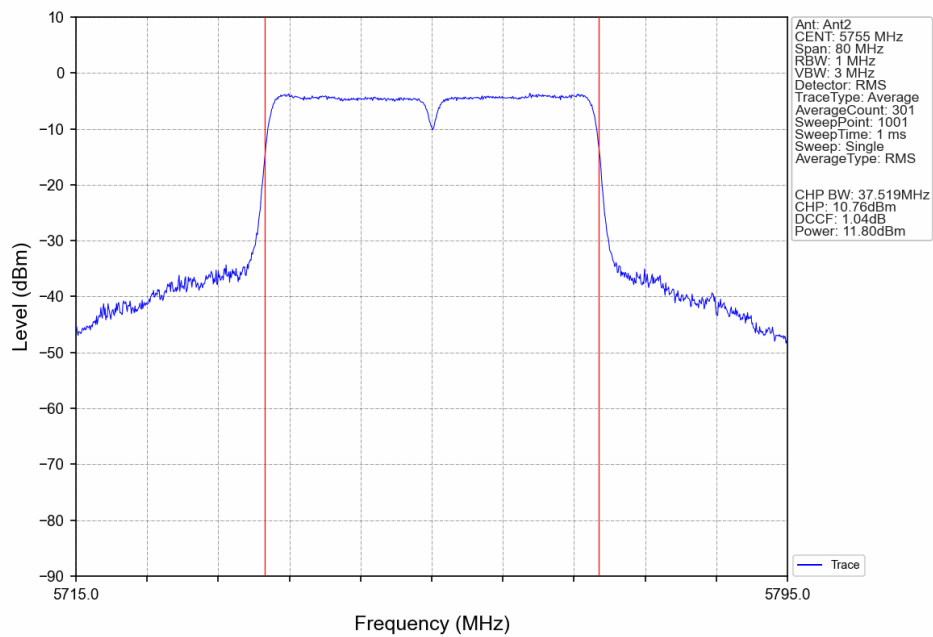
802.11ac(VHT40) HCH 5230MHz Ant2_NTNV



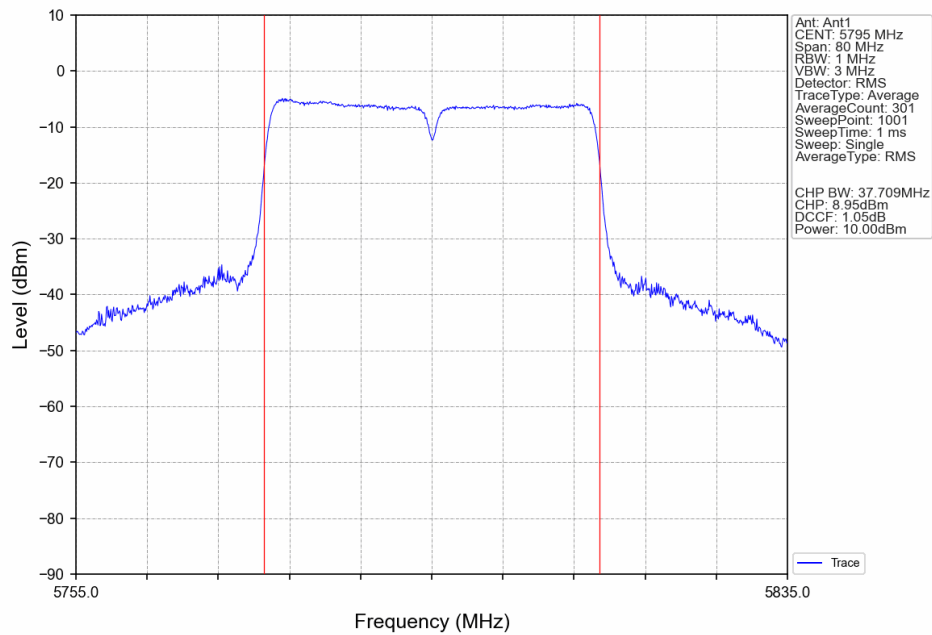
802.11ac(VHT40) LCH_5755MHz_Ant1_NTNV



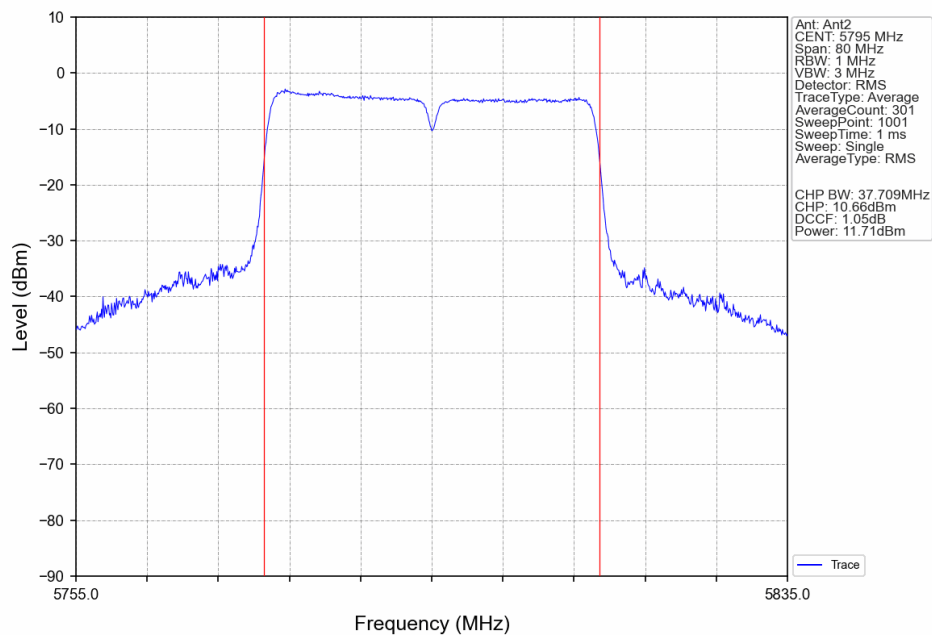
802.11ac(VHT40) LCH_5755MHz_Ant2_NTNV



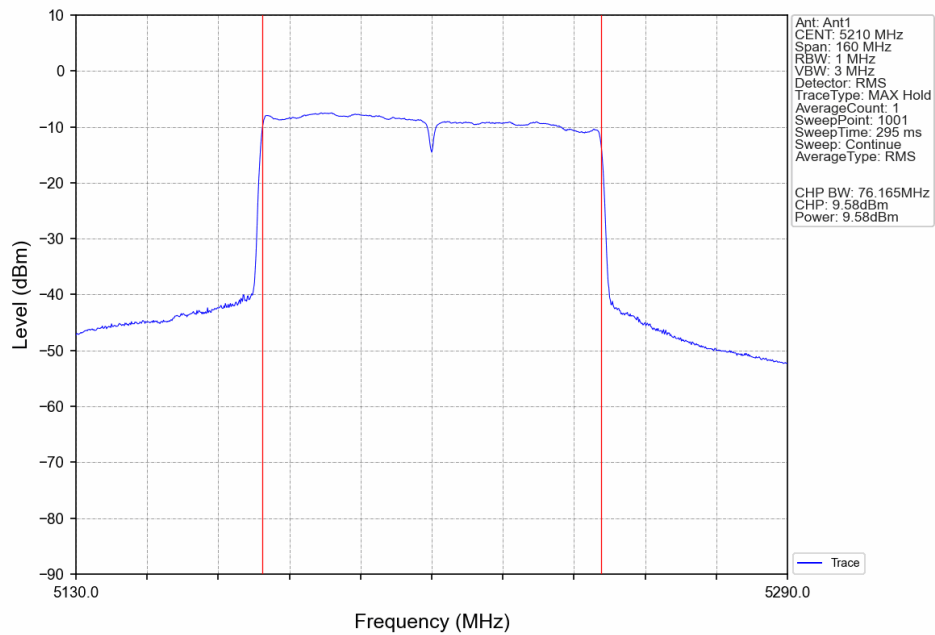
802.11ac(VHT40) HCH 5795MHz Ant1_NTNV



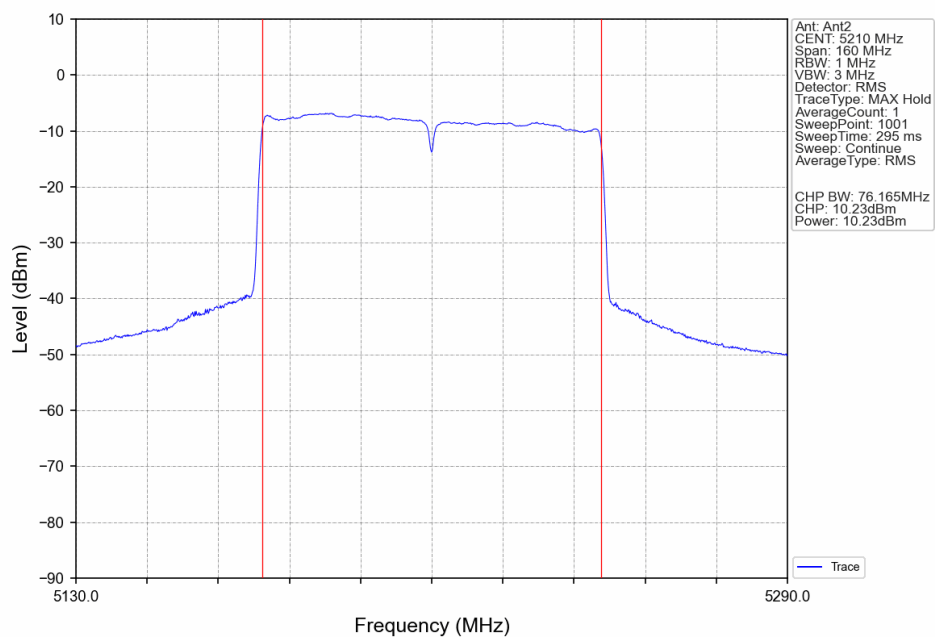
802.11ac(VHT40) HCH 5795MHz Ant2_NTNV



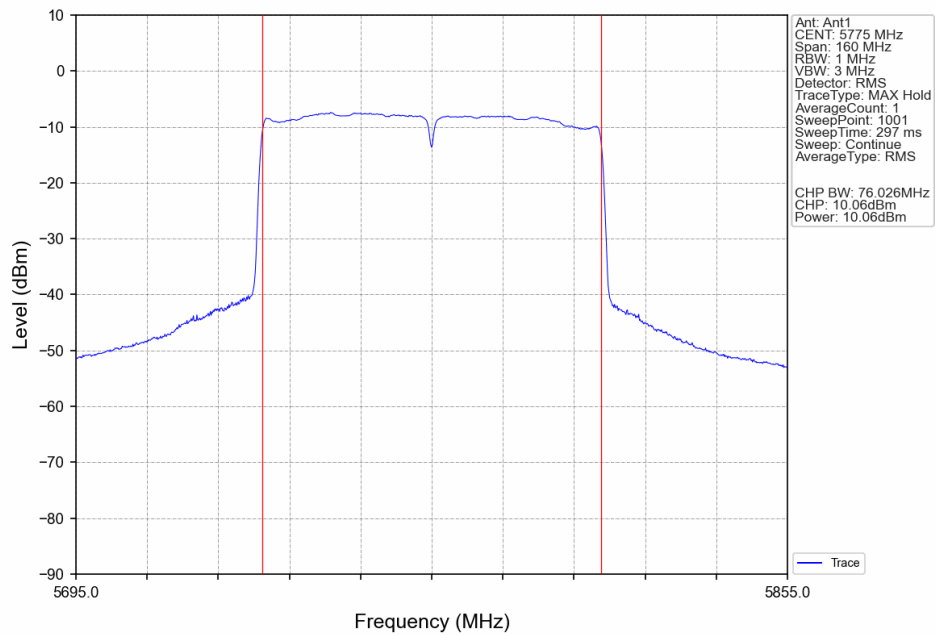
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



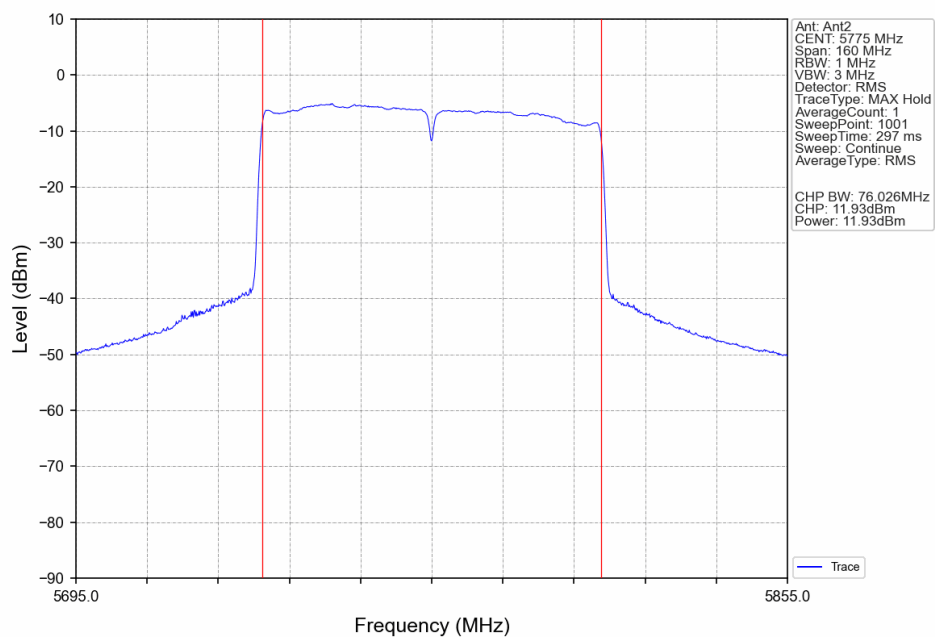
802.11ac(VHT80)_MCH_5210MHz_Ant2_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant2_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	ANT2	MIMO	Limit	
802.11a	SISO	5180	-1.51	-7.78	/	<=11	Pass
		5200	-1.73	-7.63	/	<=11	Pass
		5240	-1.63	-7.79	/	<=11	Pass
802.11n (HT20)	MIMO	5180	-1.81	-1.25	1.46	<=10.49	Pass
		5200	-1.74	-1.42	1.40	<=10.49	Pass
		5240	-1.80	-1.70	1.14	<=10.49	Pass
802.11n (HT40)	MIMO	5190	-3.96	-3.22	-0.58	<=10.49	Pass
		5230	-3.96	-3.78	-0.87	<=10.49	Pass
802.11ac (VHT20)	MIMO	5180	-1.83	-1.30	1.43	<=10.49	Pass
		5200	-2.22	-1.75	1.03	<=10.49	Pass
		5240	-2.09	-2.15	0.85	<=10.49	Pass
802.11ac (VHT40)	MIMO	5190	-3.92	-3.19	-0.54	<=10.49	Pass
		5230	-3.69	-4.02	-0.89	<=10.49	Pass
802.11ac (VHT80)	MIMO	5210	-7.47	-6.87	-4.18	<=10.49	Pass

Note1: Antenna Gain U-NII 1: Ant1: 3.50dBi; Ant2: 3.50dBi
Note2: Directional Gain: UNII 1: 6.51

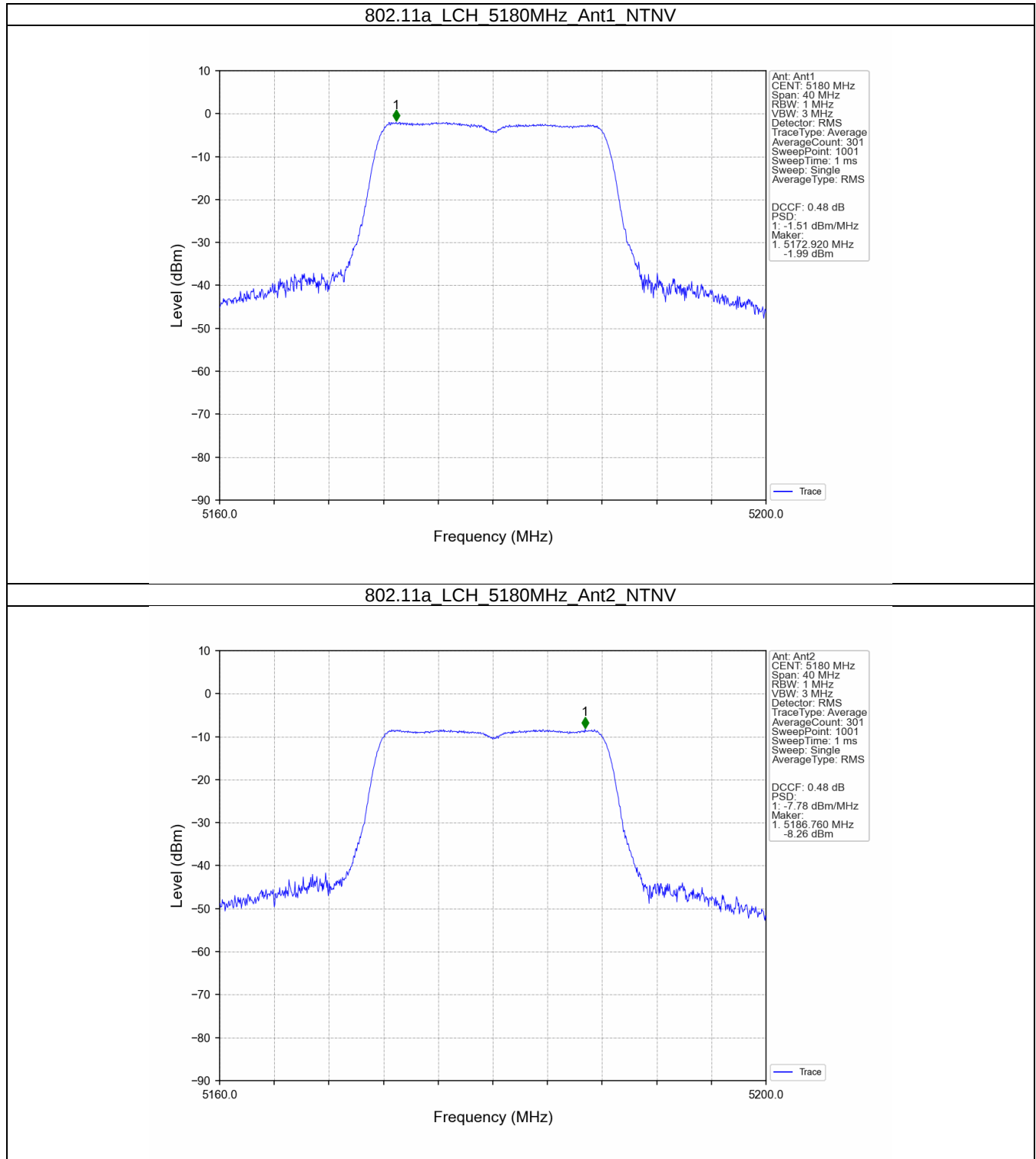
4.1.2 PSD-Band3

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)				Verdict
			ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5745	-4.72	-11.24	/	<=30	Pass
		5785	-4.71	-11.90	/	<=30	Pass
		5825	-6.83	-13.60	/	<=30	Pass
802.11n (HT20)	MIMO	5745	-3.12	-4.58	-0.80	<=28.16	Pass
		5785	-3.12	-4.90	-0.94	<=28.16	Pass
		5825	-4.22	-6.59	-2.25	<=28.16	Pass
802.11n (HT40)	MIMO	5755	-5.71	-6.93	-3.32	<=28.16	Pass
		5795	-5.11	-6.99	-2.97	<=28.16	Pass
802.11ac (VHT20)	MIMO	5745	-3.29	-3.16	-0.22	<=28.16	Pass
		5785	-2.98	-2.87	0.01	<=28.16	Pass
		5825	-4.10	-4.30	-1.20	<=28.16	Pass
802.11ac (VHT40)	MIMO	5755	-6.65	-5.40	-3.14	<=28.16	Pass
		5795	-6.71	-5.00	-2.87	<=28.16	Pass
802.11ac (VHT80)	MIMO	5775	-9.95	-7.56	-5.63	<=28.16	Pass

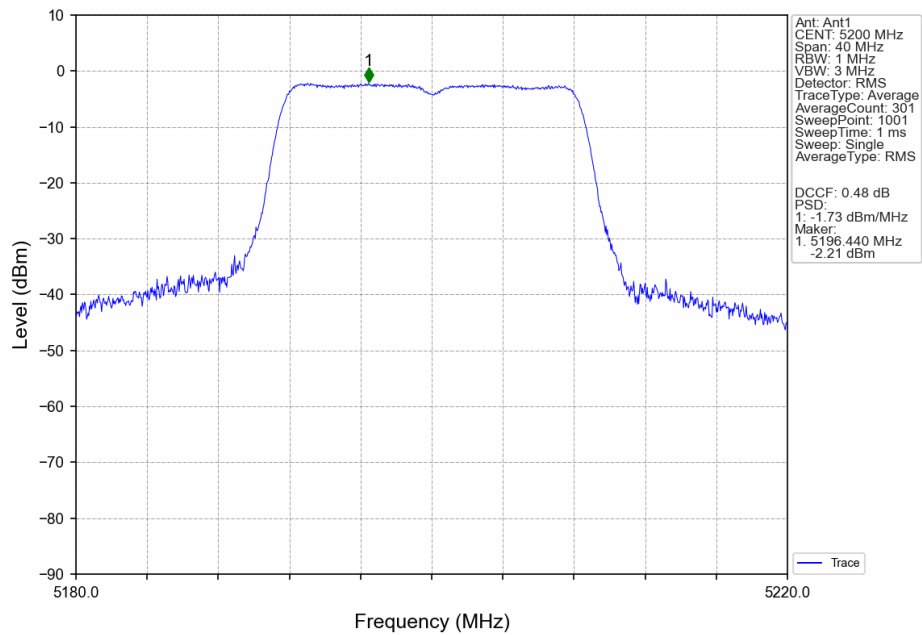
Note1: Antenna Gain U-NII 3: Ant1: 4.83dBi; Ant2: 4.83dBi;
Note2: Directional Gain: UNII 3: 7.84

4.2 Test Graph

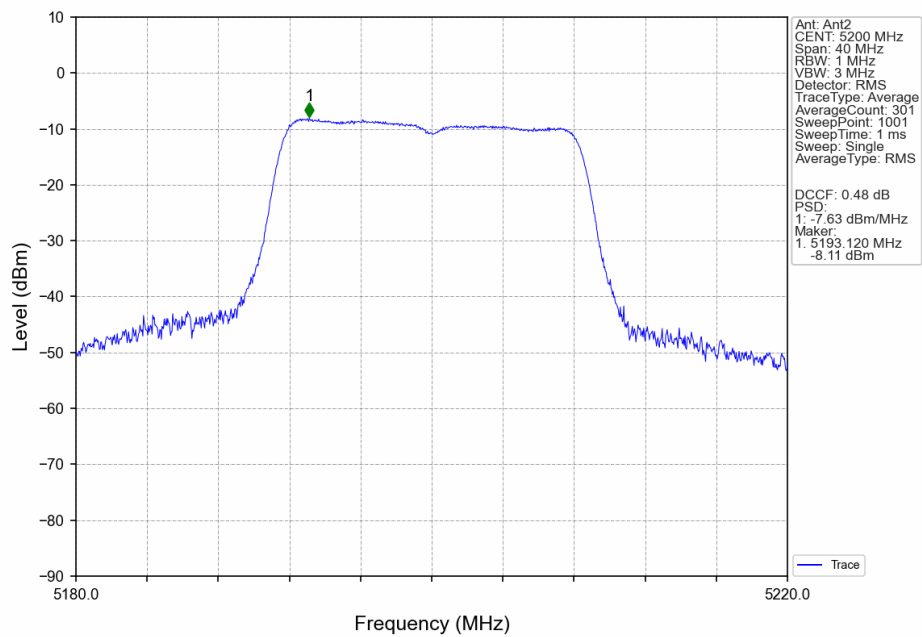
4.2.1 PSD



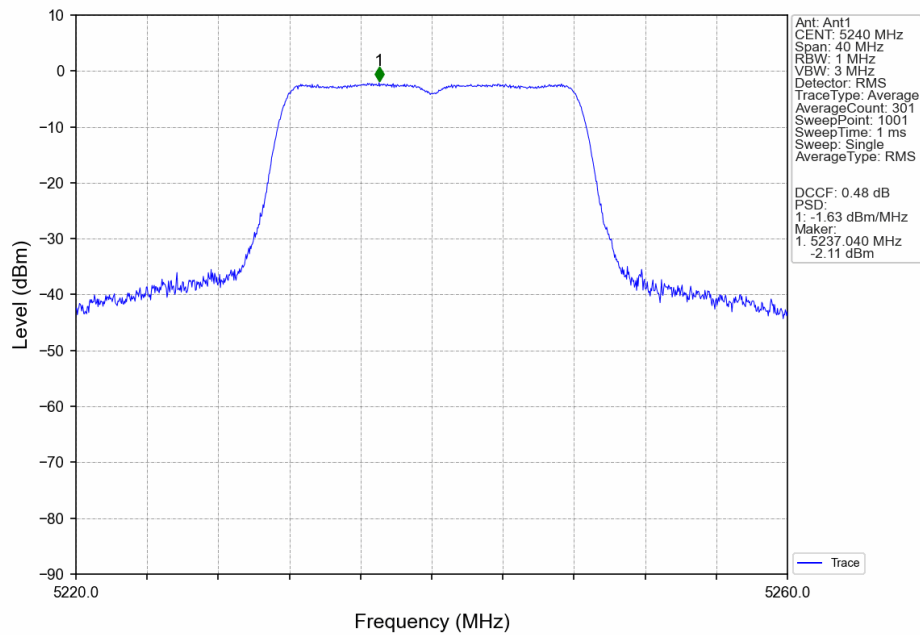
802.11a_MCH_5200MHz_Ant1_NTNV



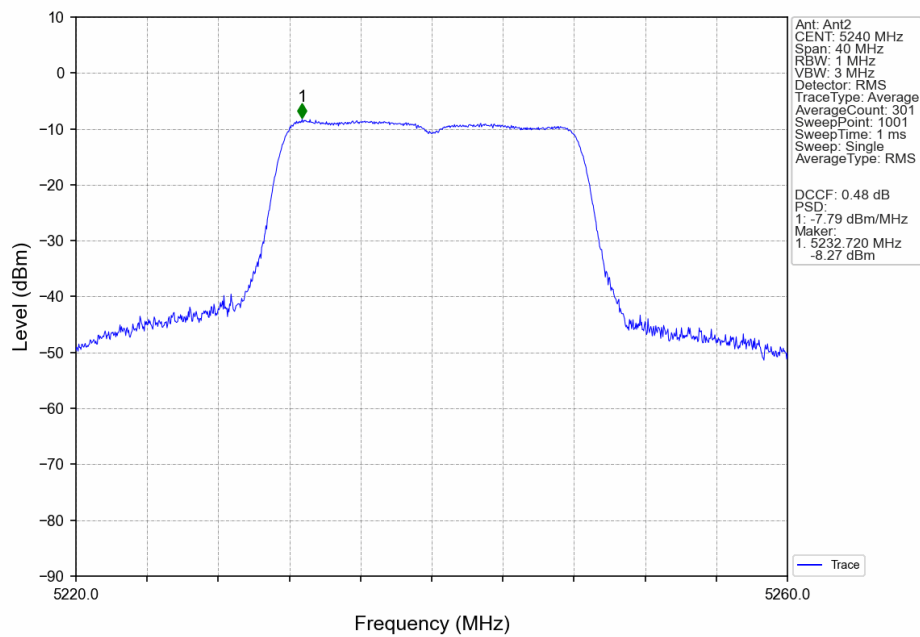
802.11a_MCH_5200MHz_Ant2_NTNV



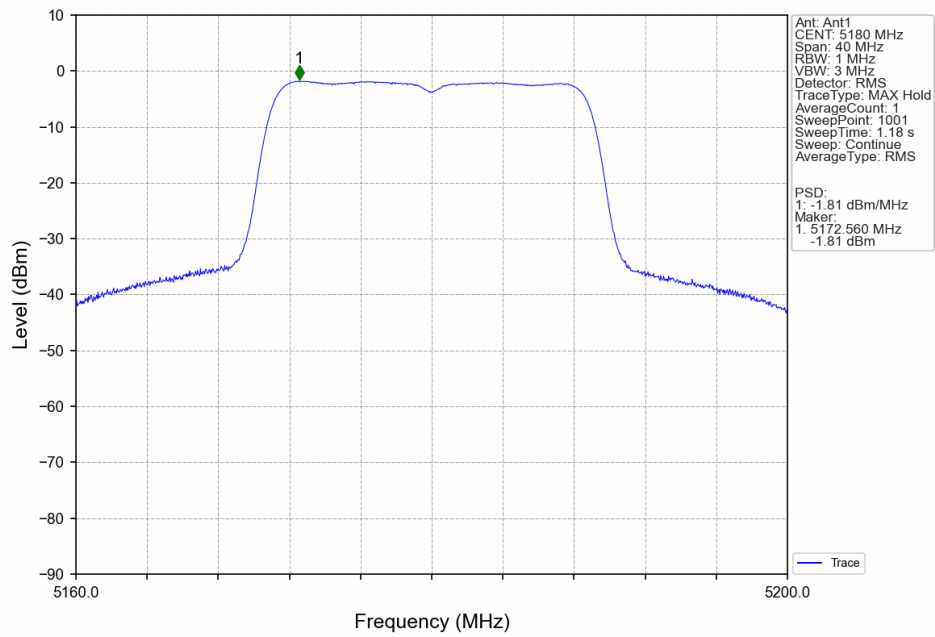
802.11a_HCH_5240MHz_Ant1_NTNV



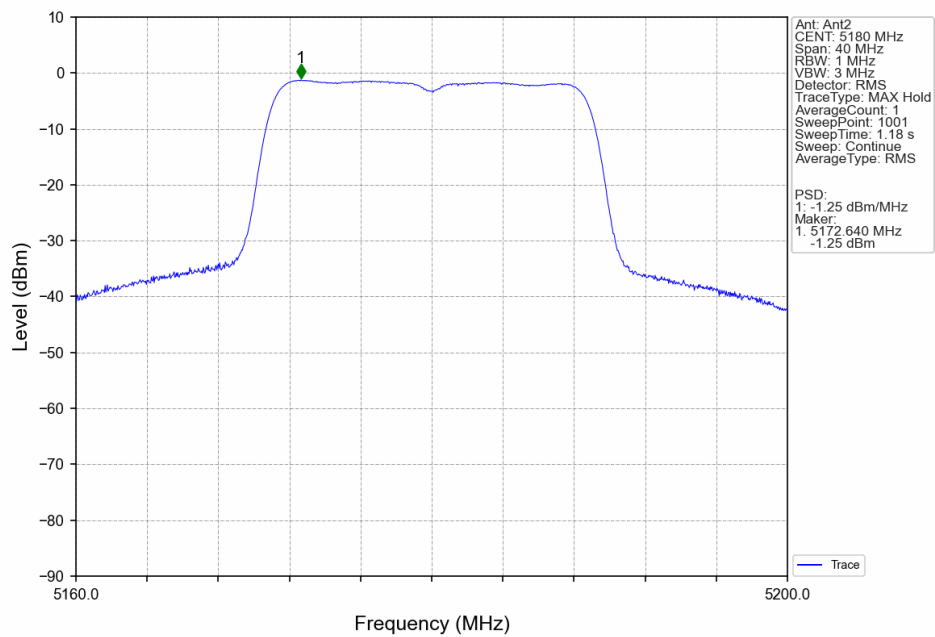
802.11a_HCH_5240MHz_Ant2_NTNV



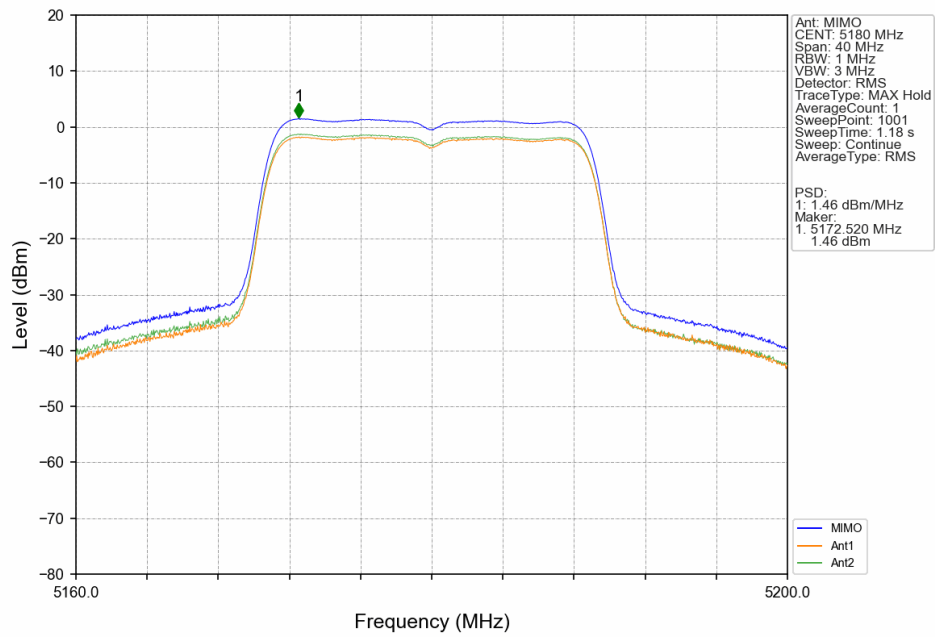
802.11n(HT20) LCH 5180MHz Ant1 NTNv



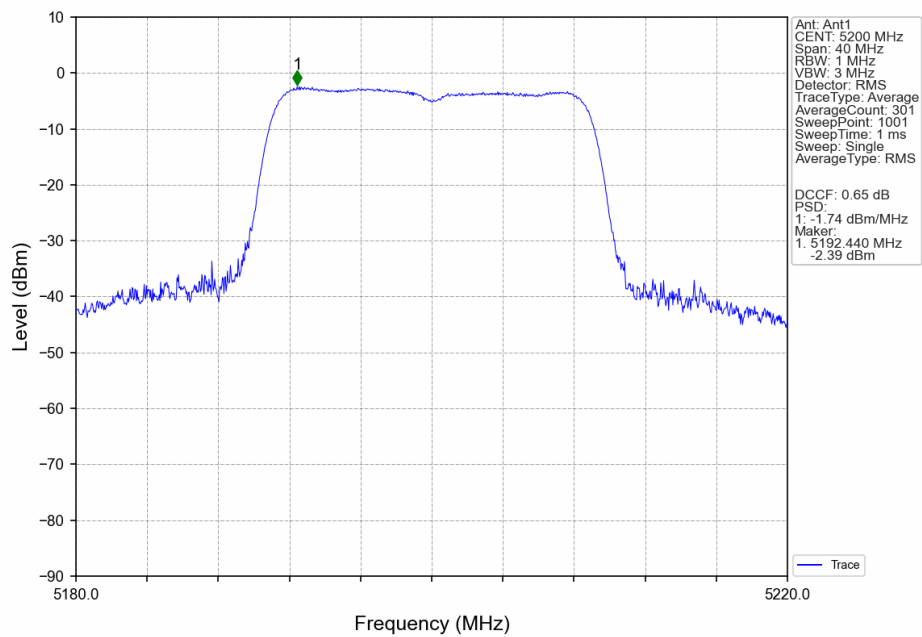
802.11n(HT20) LCH 5180MHz Ant2 NTNv



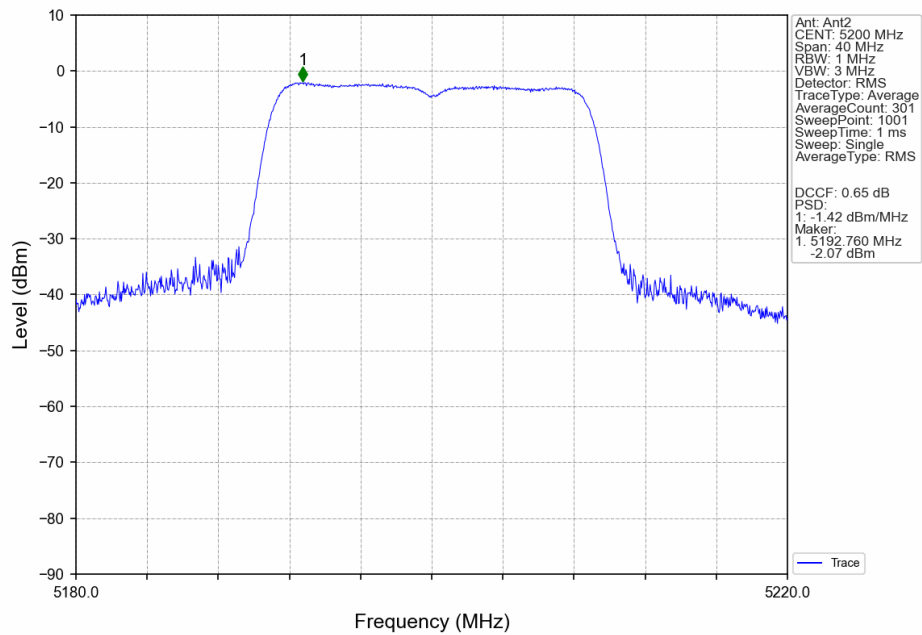
802.11n(HT20)_LCH_5180MHz_MIMO_NTNV



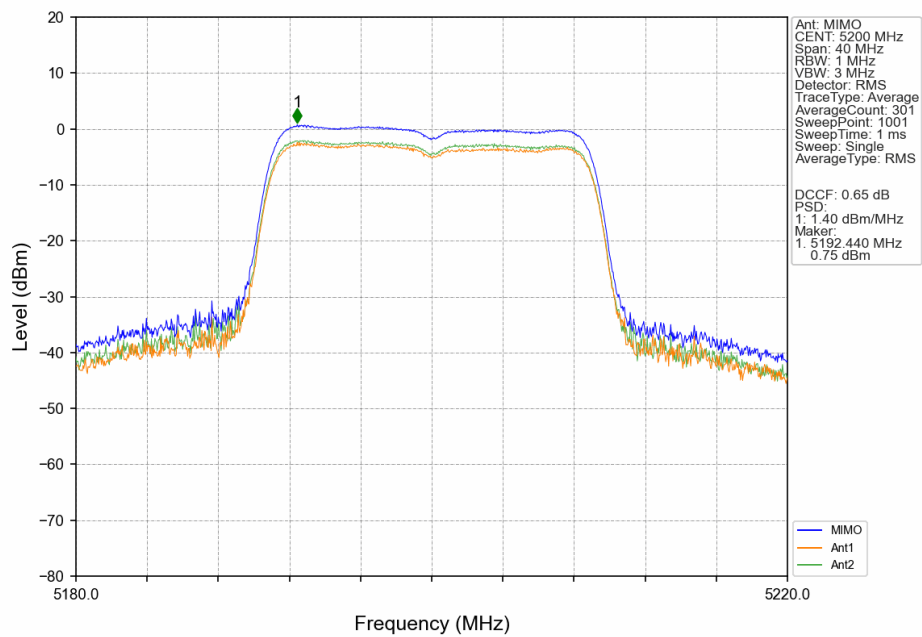
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



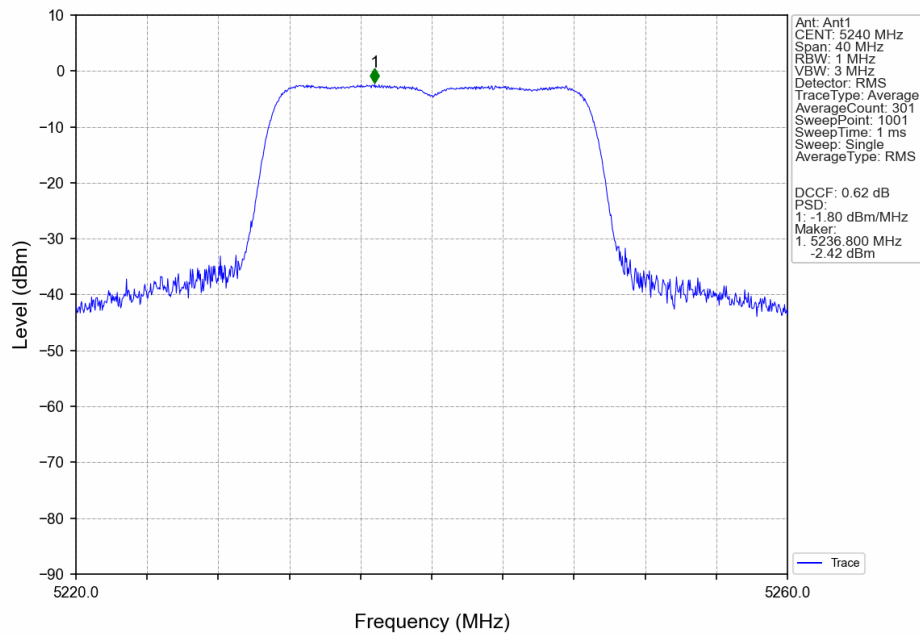
802.11n(HT20) MCH 5200MHz_Ant2_NTNV



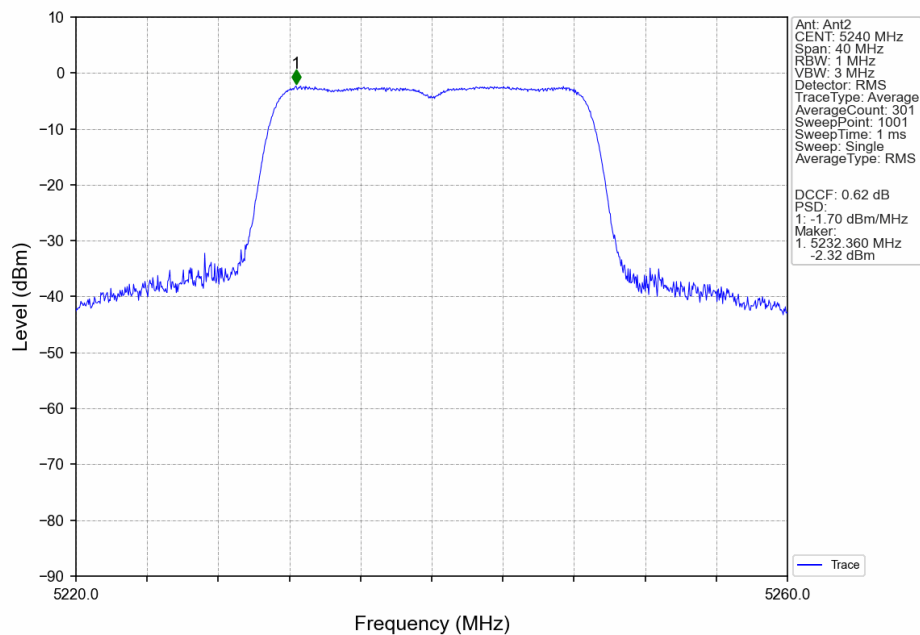
802.11n(HT20) MCH 5200MHz MIMO NTN



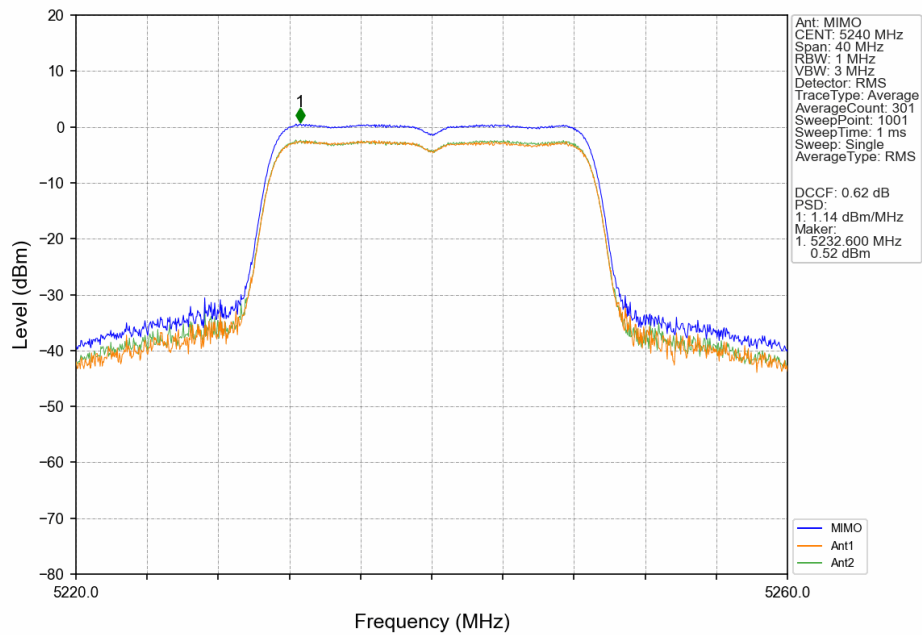
802.11n(HT20) HCH 5240MHz Ant1 NTN



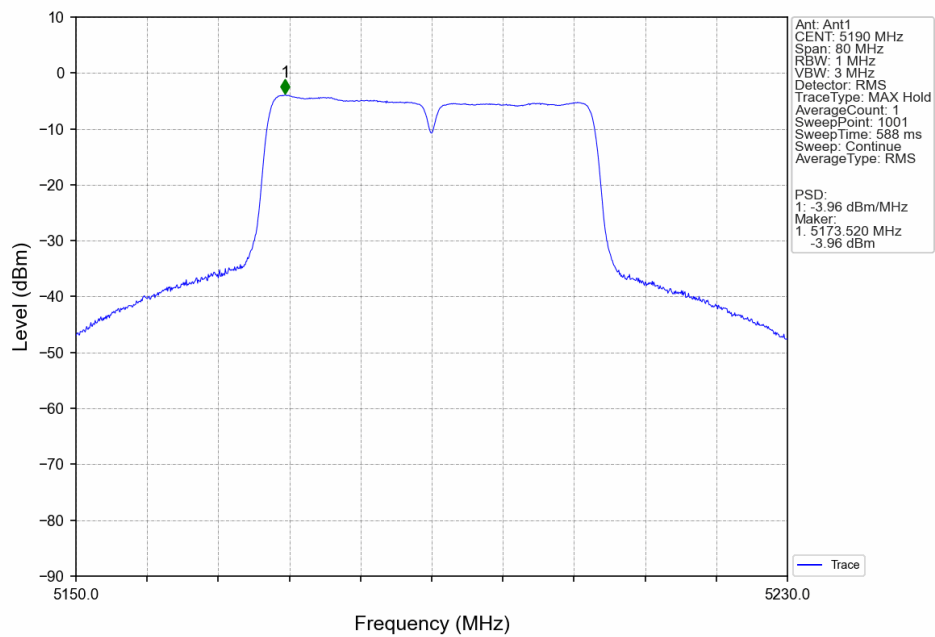
802.11n(HT20) HCH 5240MHz Ant2 NTN



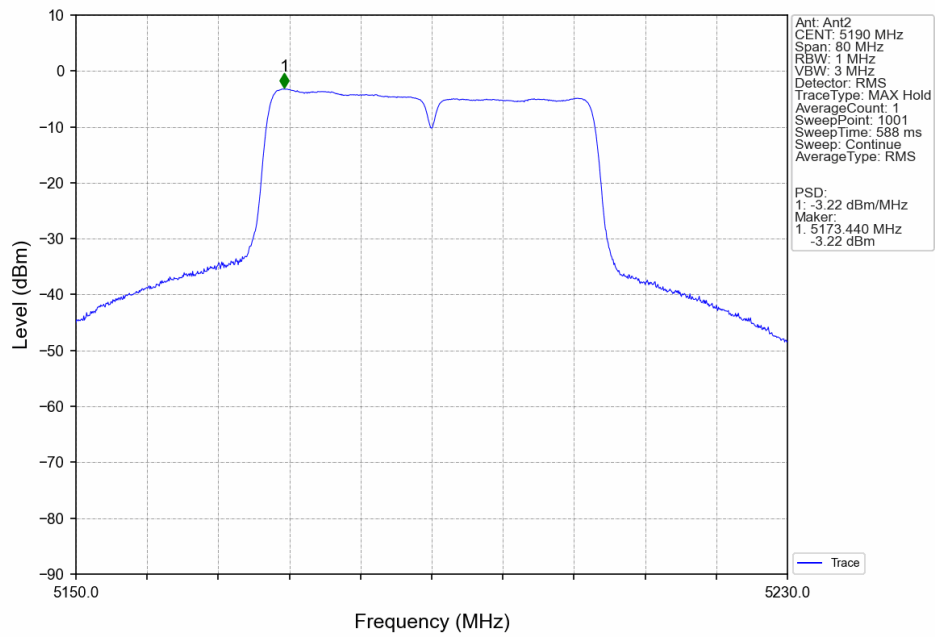
802.11n(HT20)_HCH_5240MHz_MIMO_NTNV



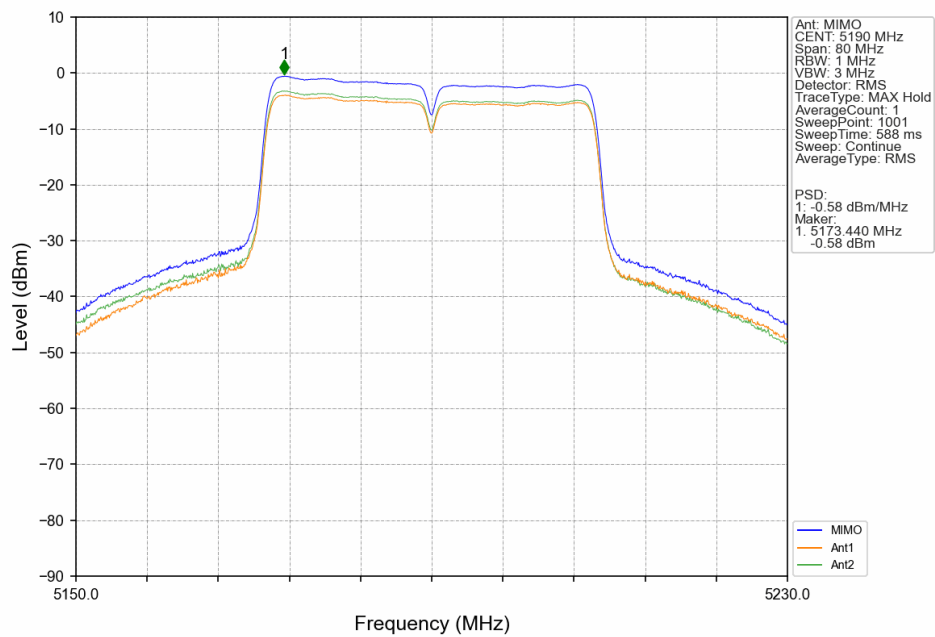
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



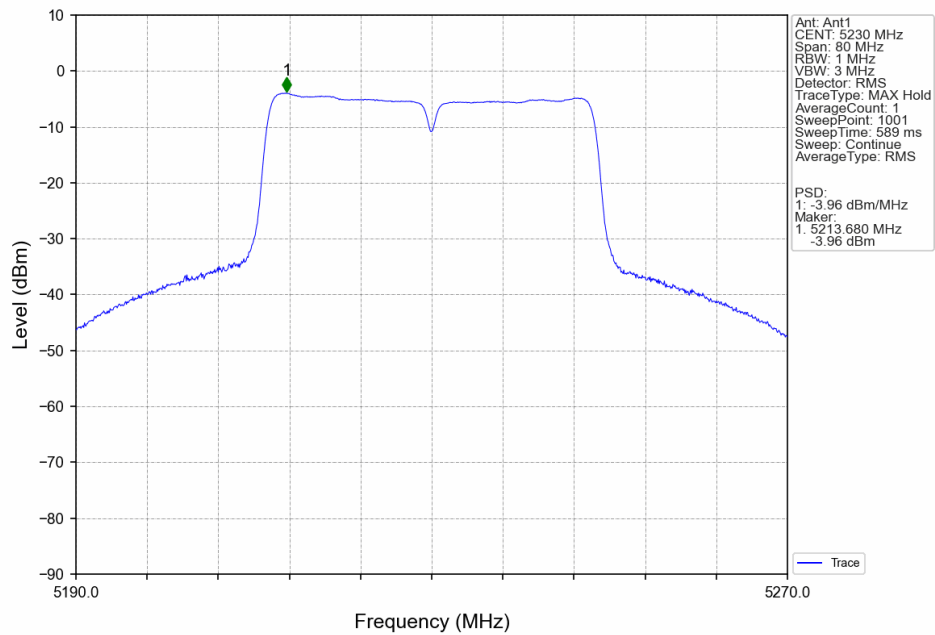
802.11n(HT40) LCH 5190MHz Ant2_NTNV



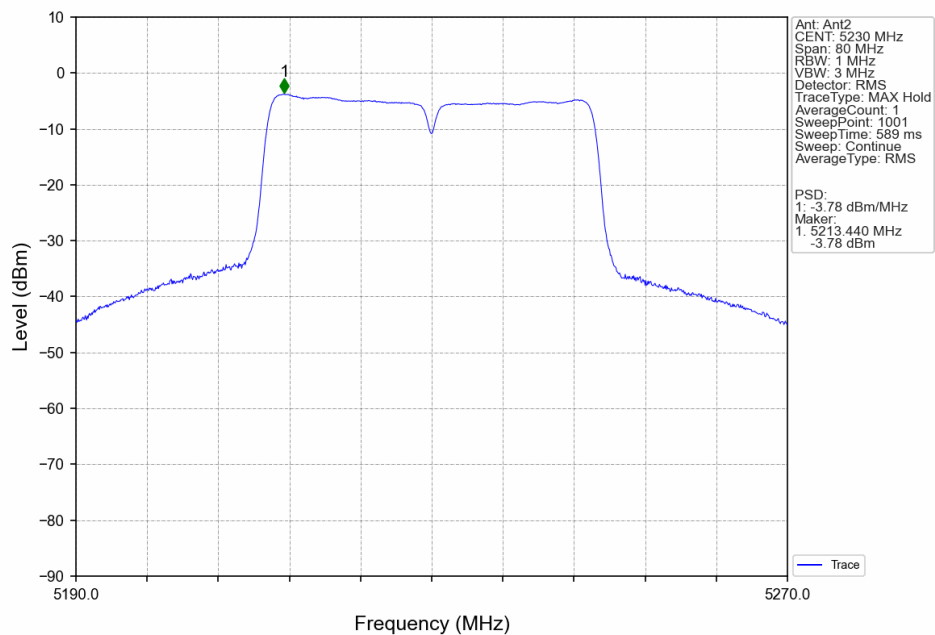
802.11n(HT40) LCH 5190MHz MIMO_NTNV



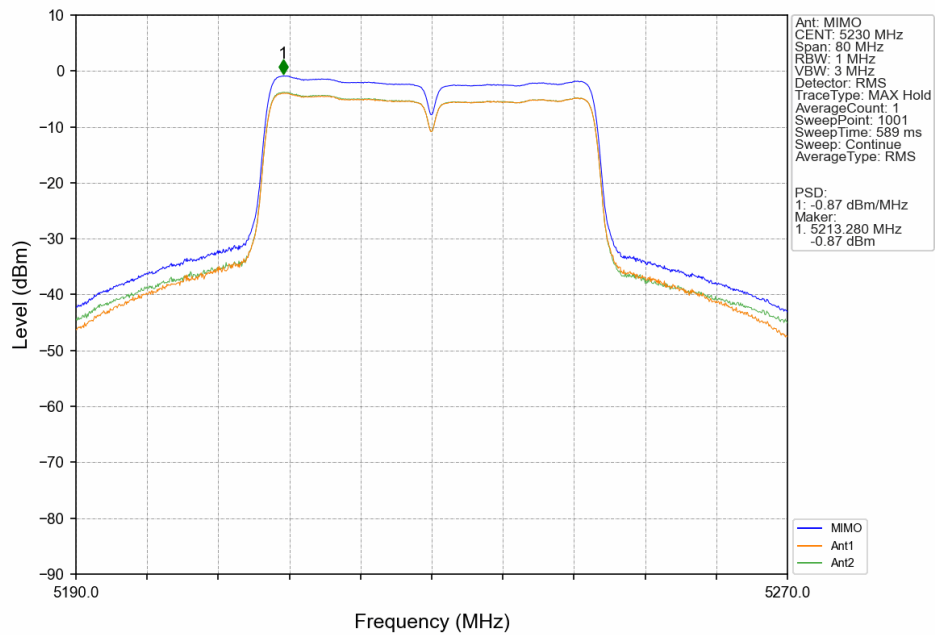
802.11n(HT40) HCH 5230MHz Ant1_NTNV



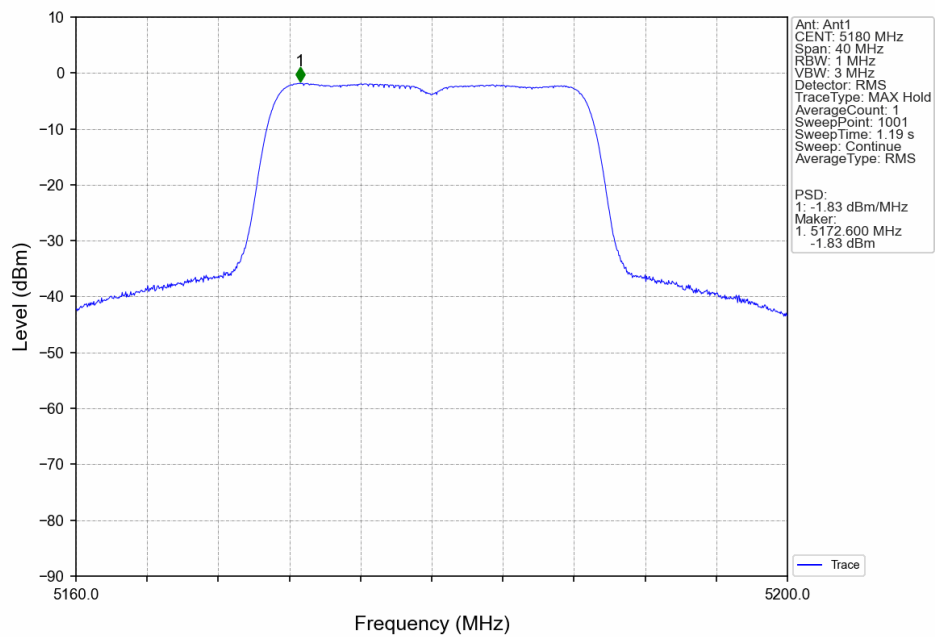
802.11n(HT40) HCH 5230MHz Ant2_NTNV



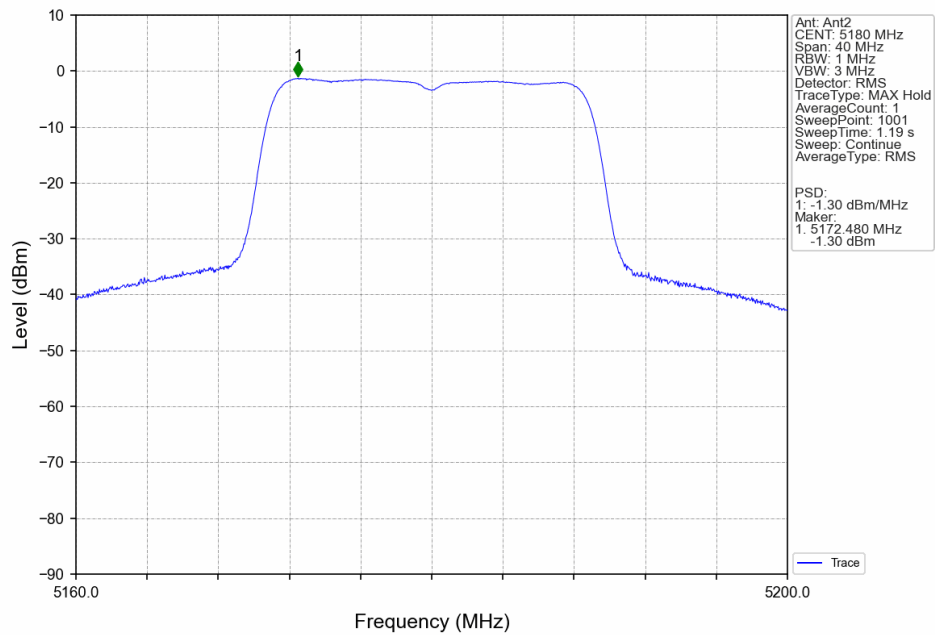
802.11n(HT40)_HCH_5230MHz_MIMO_NTNV



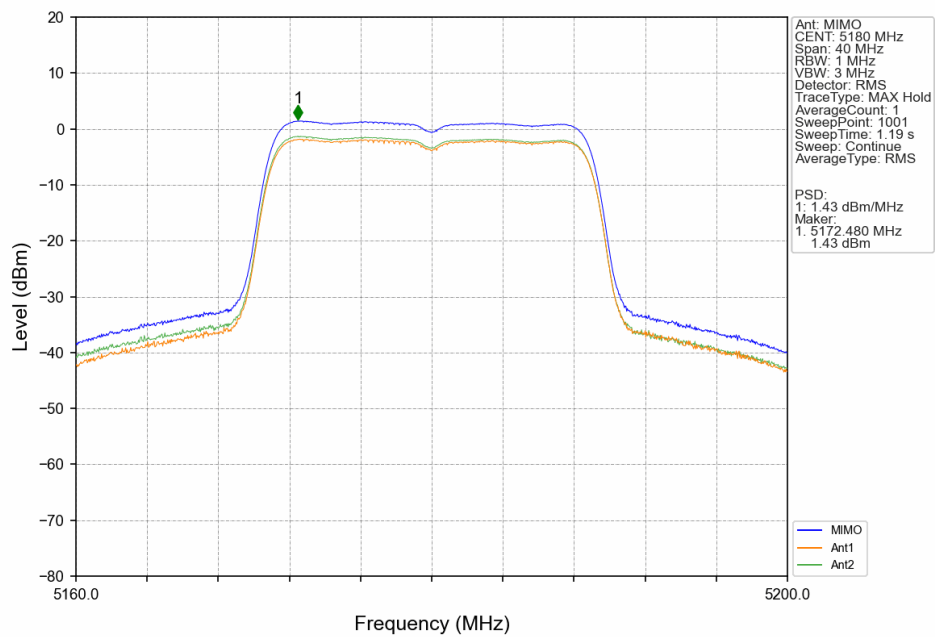
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



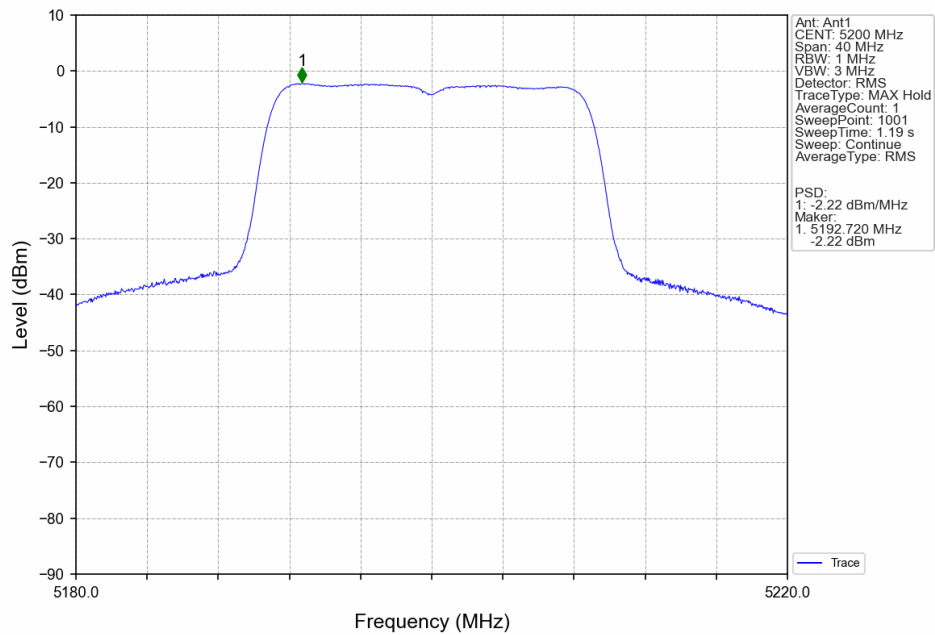
802.11ac(VHT20) LCH_5180MHz_Ant2_NTNV



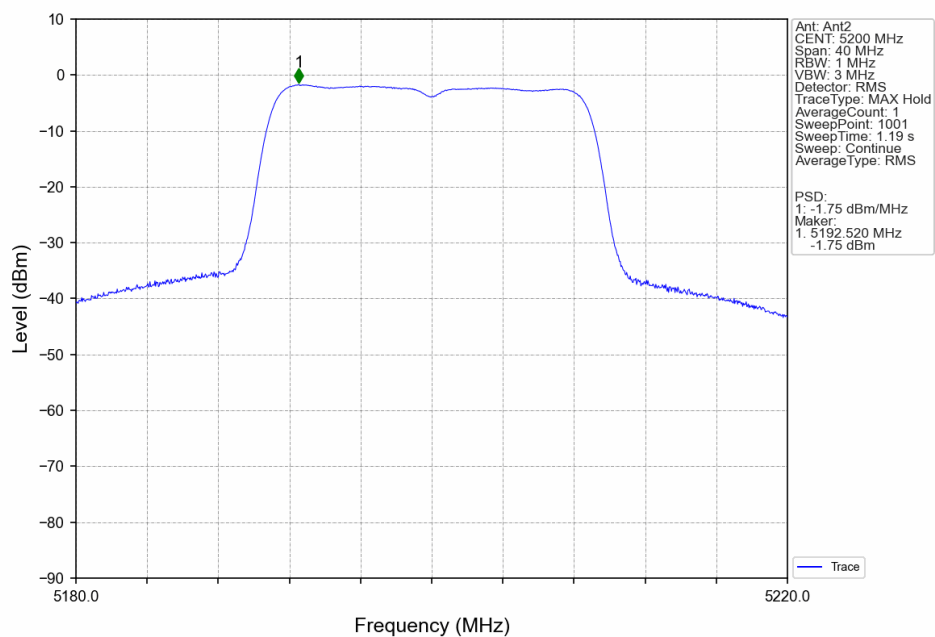
802.11ac(VHT20) LCH_5180MHz_MIMO_NTNV



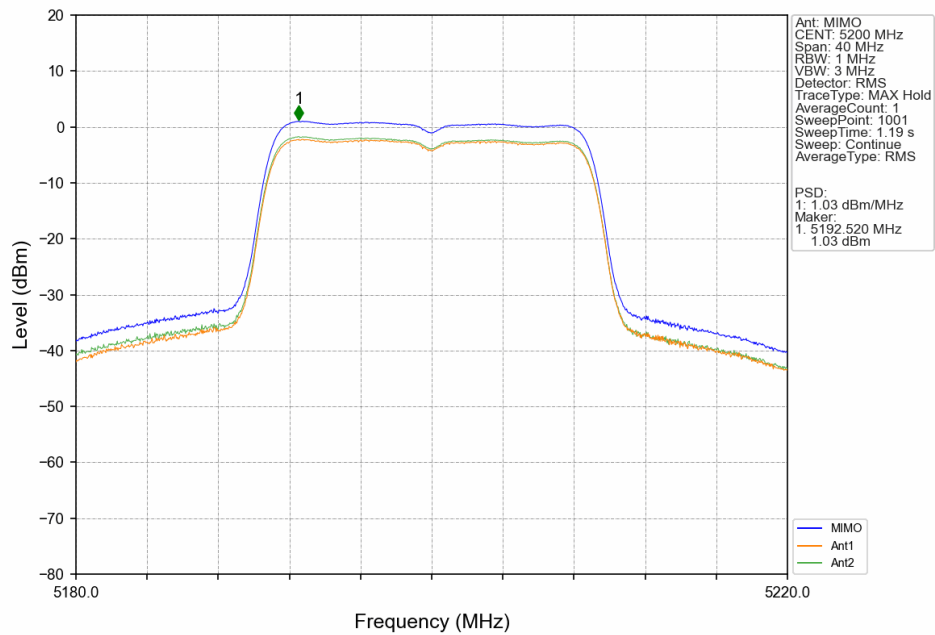
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



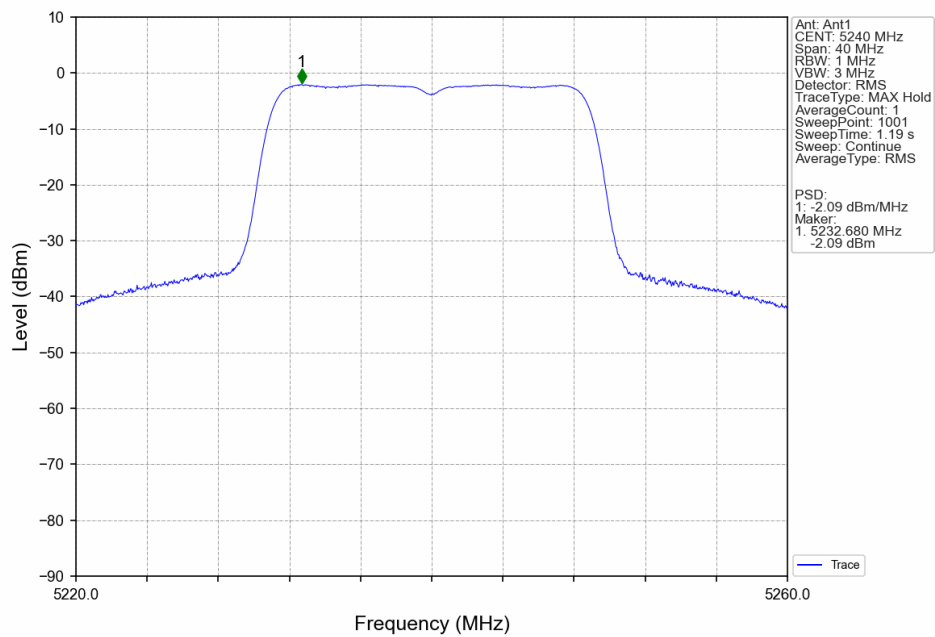
802.11ac(VHT20)_MCH_5200MHz_Ant2_NTNV



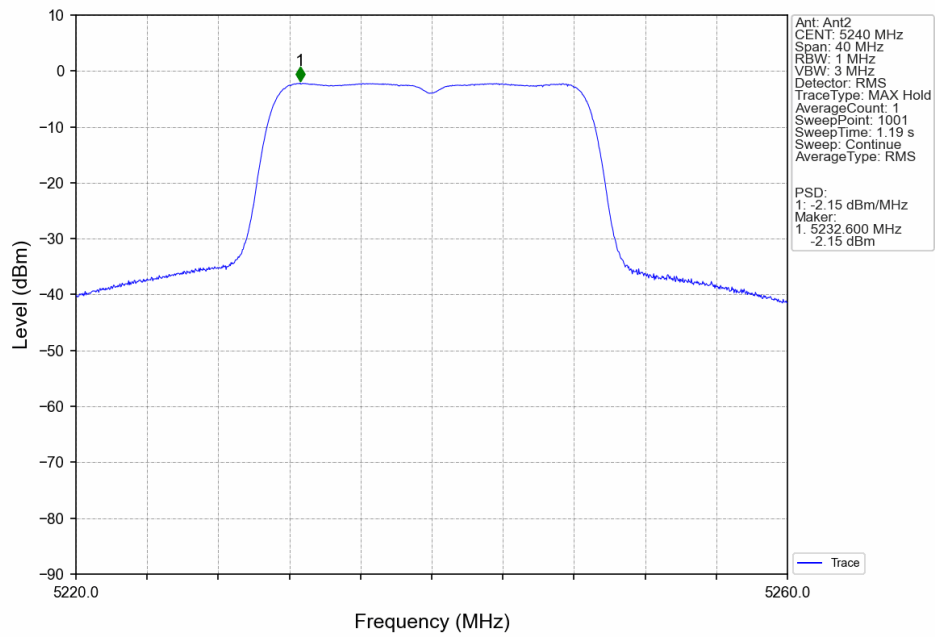
802.11ac(VHT20)_MCH_5200MHz_MIMO_NTNV



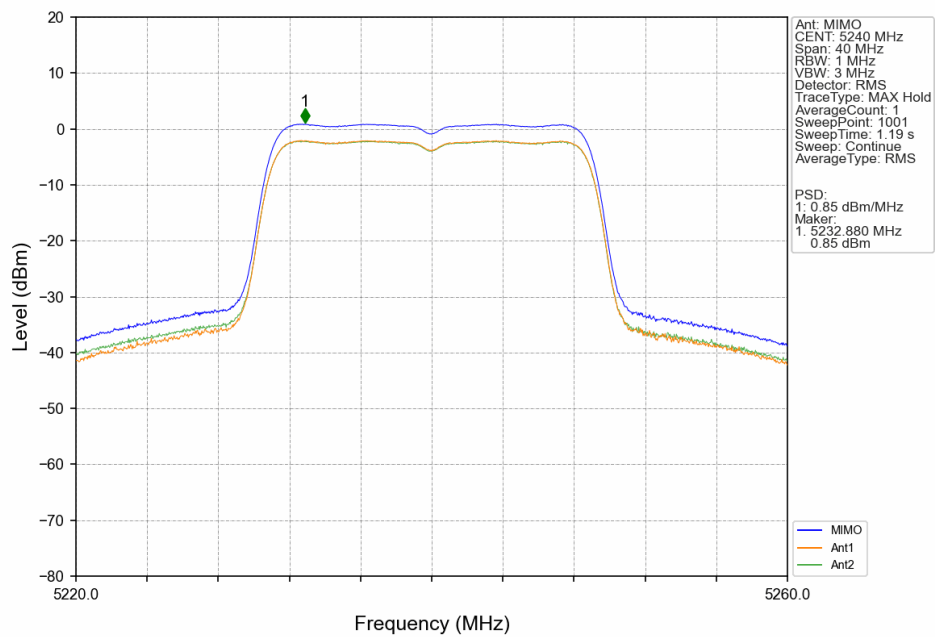
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



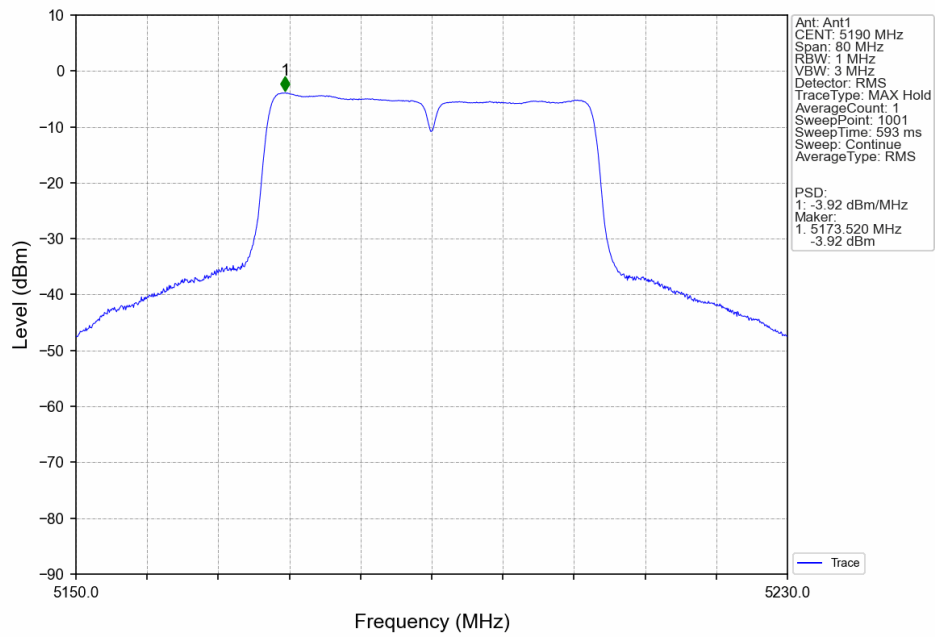
802.11ac(VHT20) HCH 5240MHz Ant2_NTNV



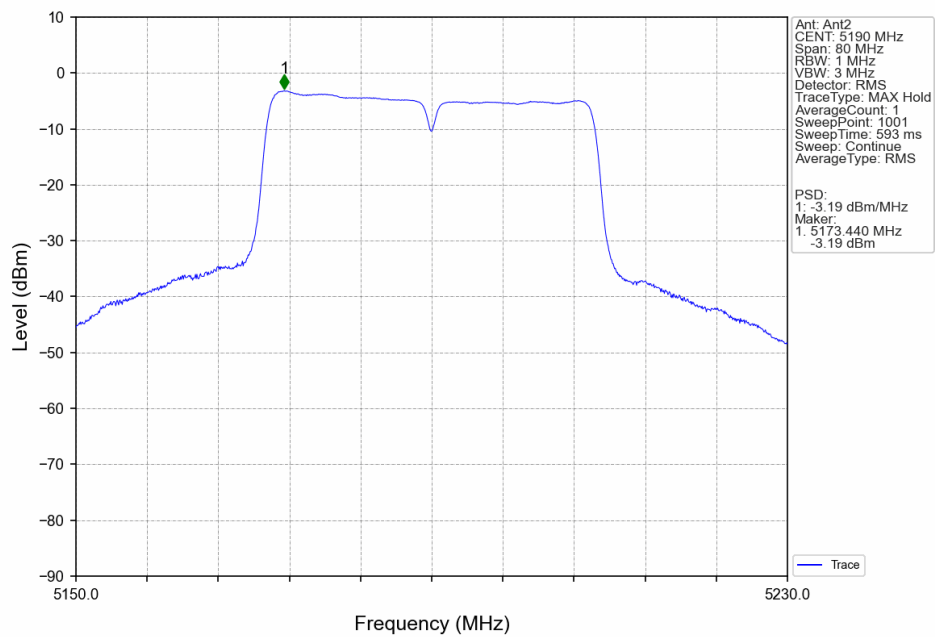
802.11ac(VHT20) HCH 5240MHz MIMO_NTNV



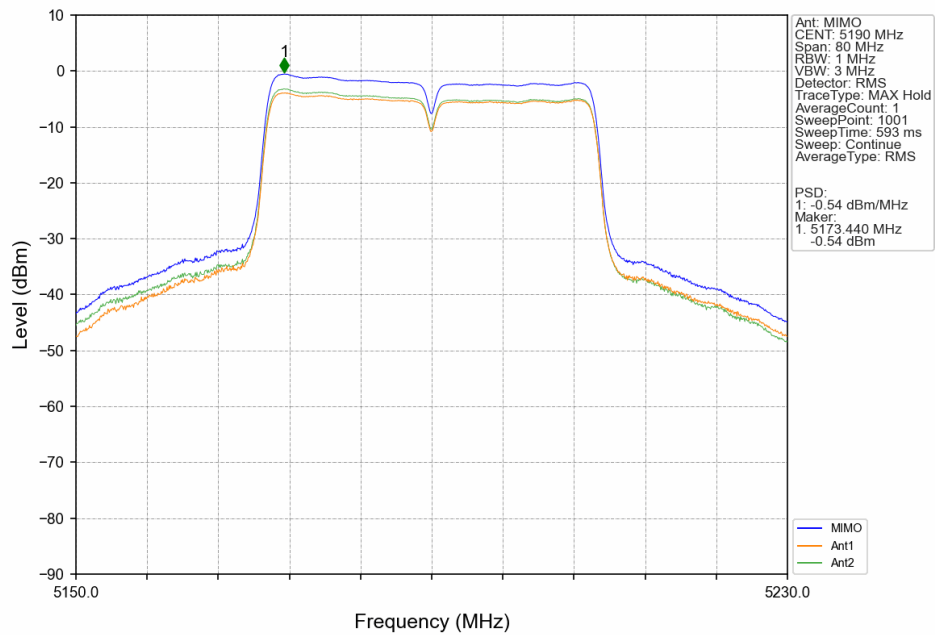
802.11ac(VHT40) LCH_5190MHz_Ant1_NTNV



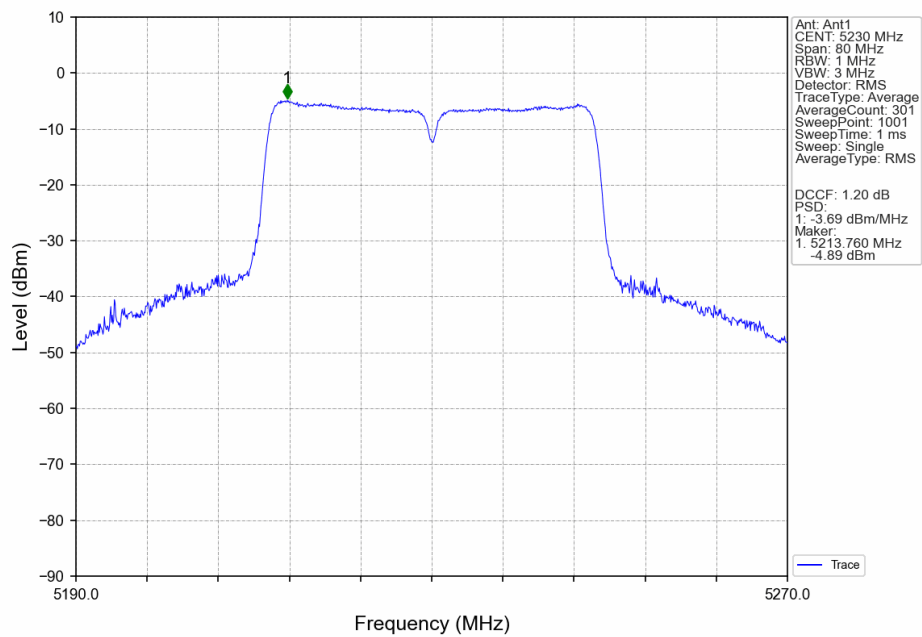
802.11ac(VHT40) LCH_5190MHz_Ant2_NTNV



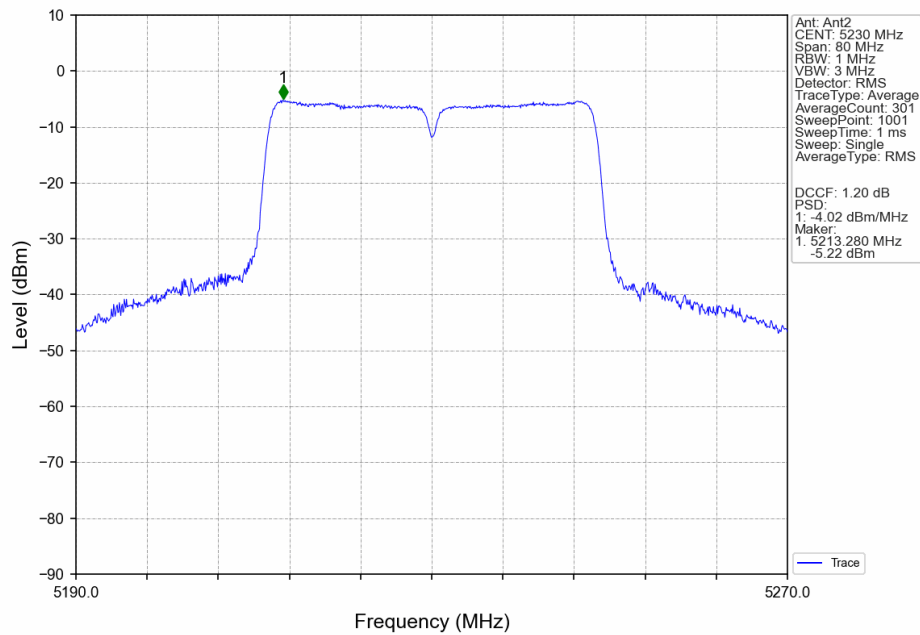
802.11ac(VHT40)_LCH_5190MHz_MIMO_NTNV



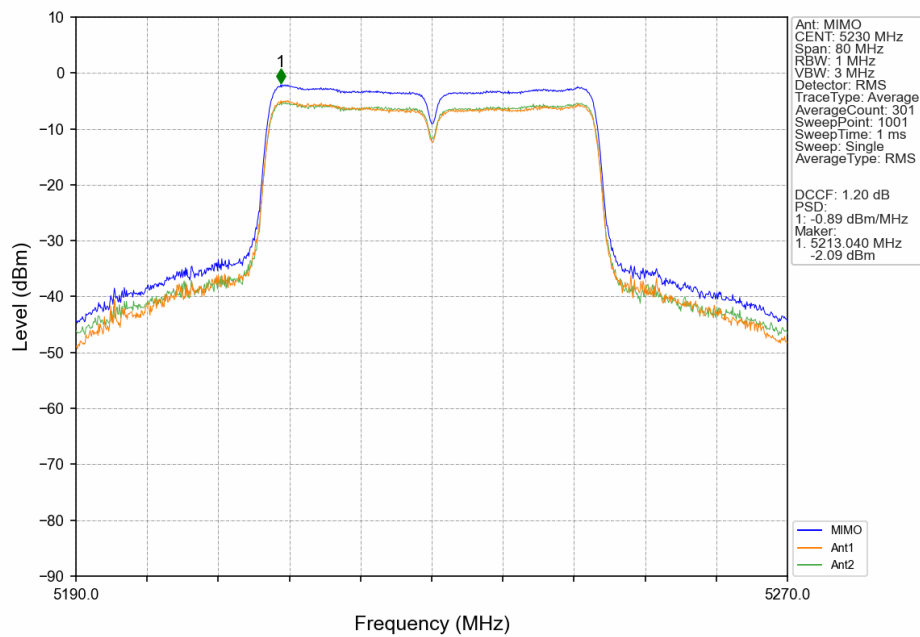
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



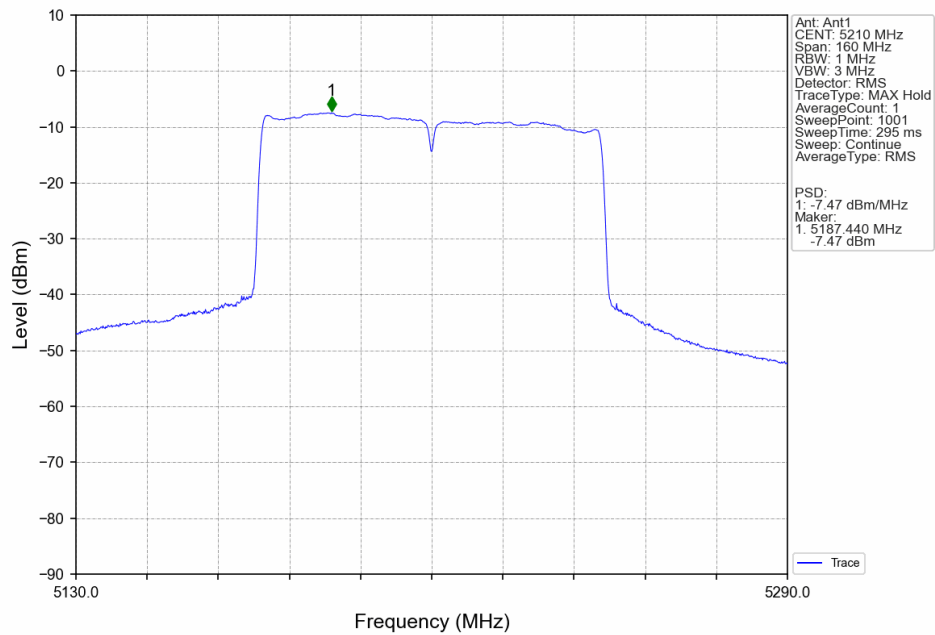
802.11ac(VHT40) HCH 5230MHz Ant2_NTNV



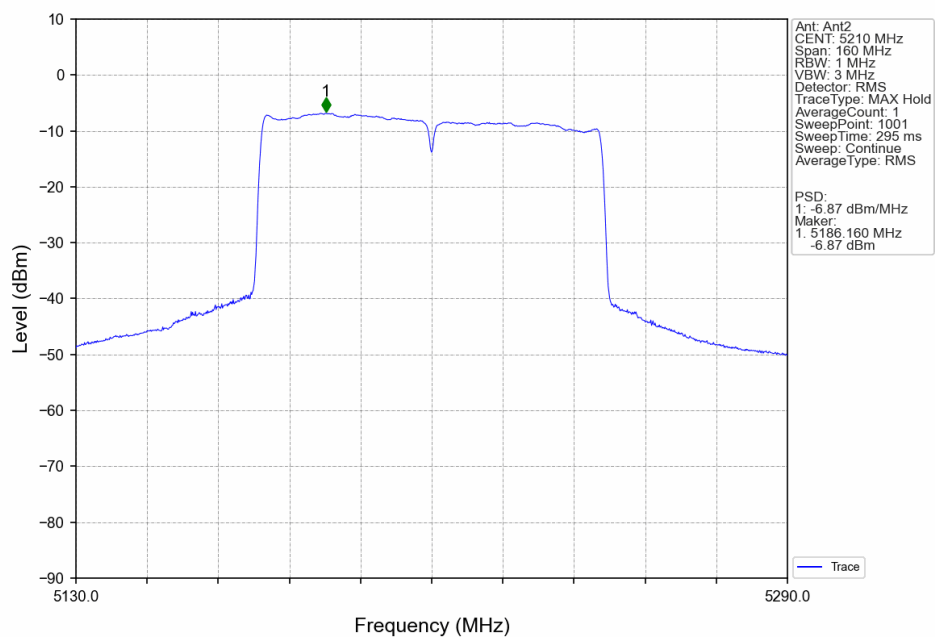
802.11ac(VHT40) HCH 5230MHz MIMO_NTNV



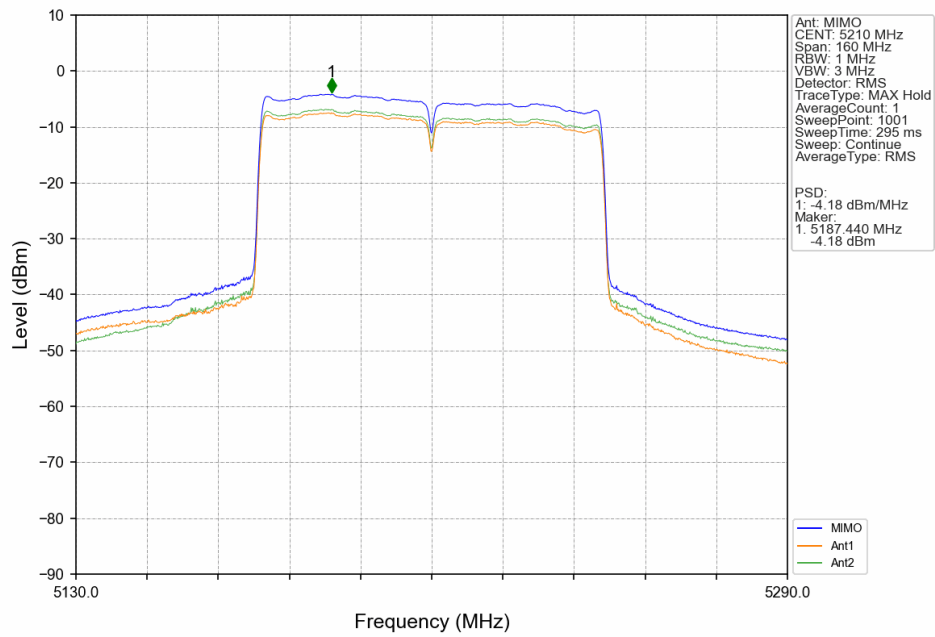
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant2_NTNV

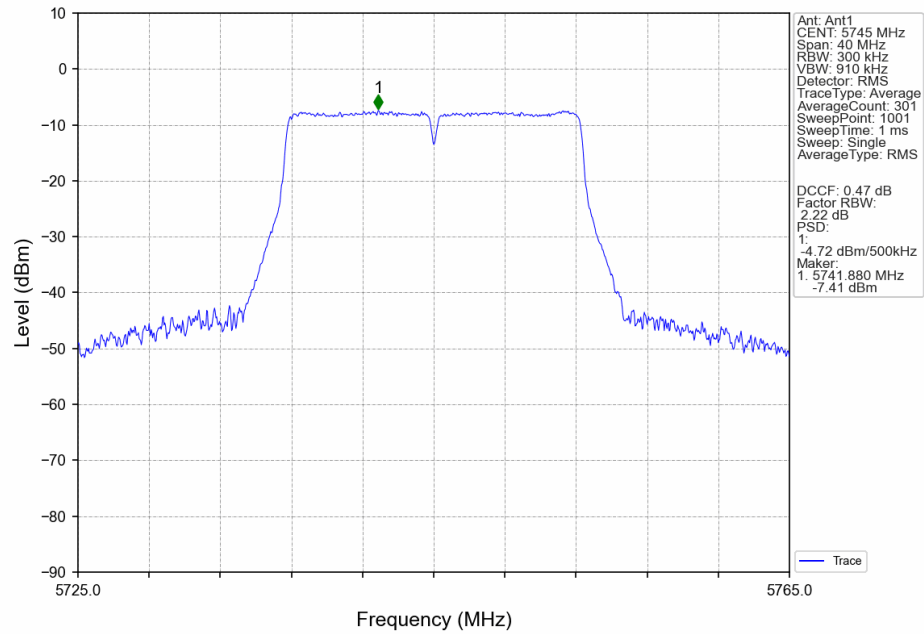


802.11ac(VHT80)_MCH_5210MHz_MIMO_NTNV

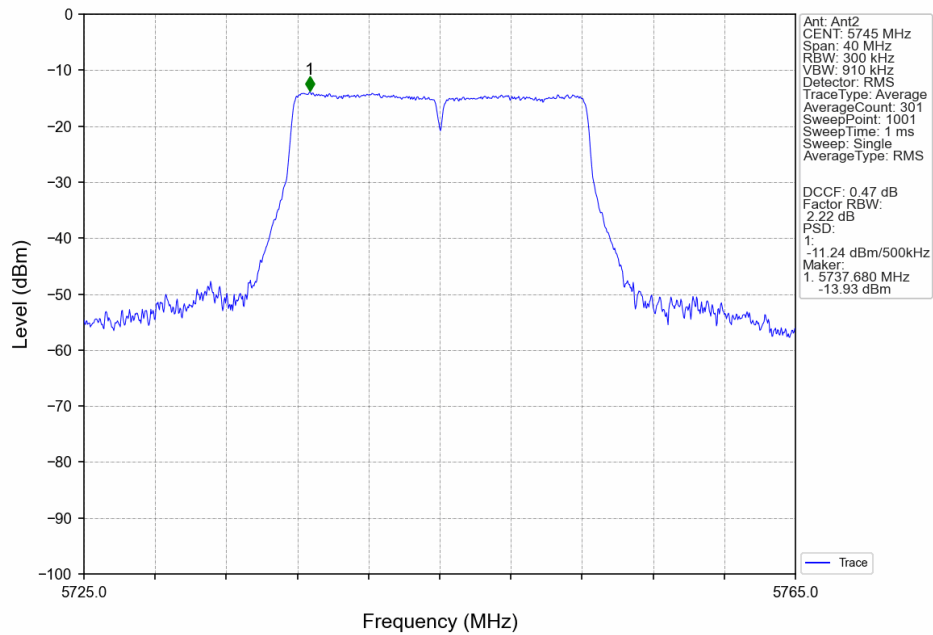


4.2.2 PSD-Band3

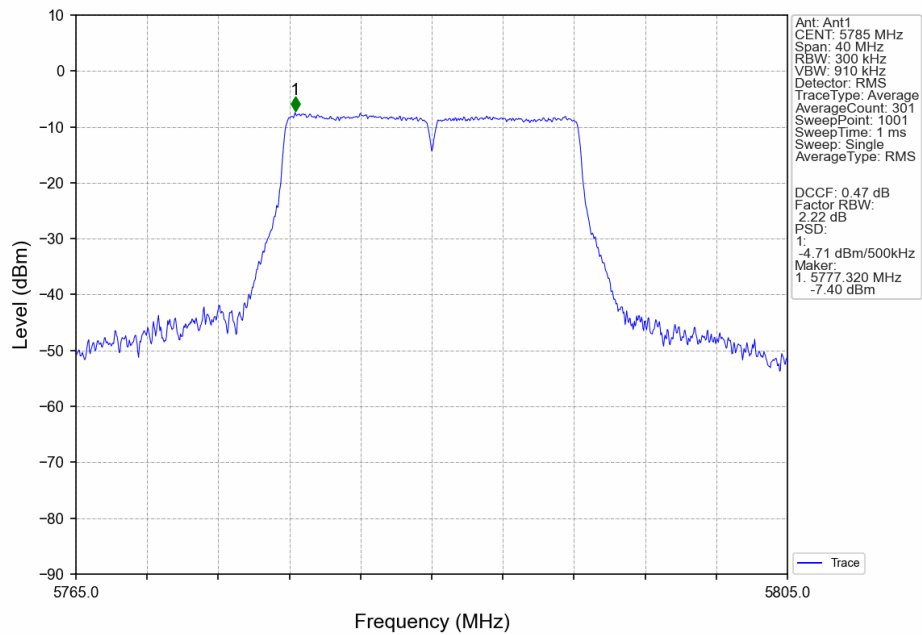
802.11a LCH 5745MHz Ant1 NTN



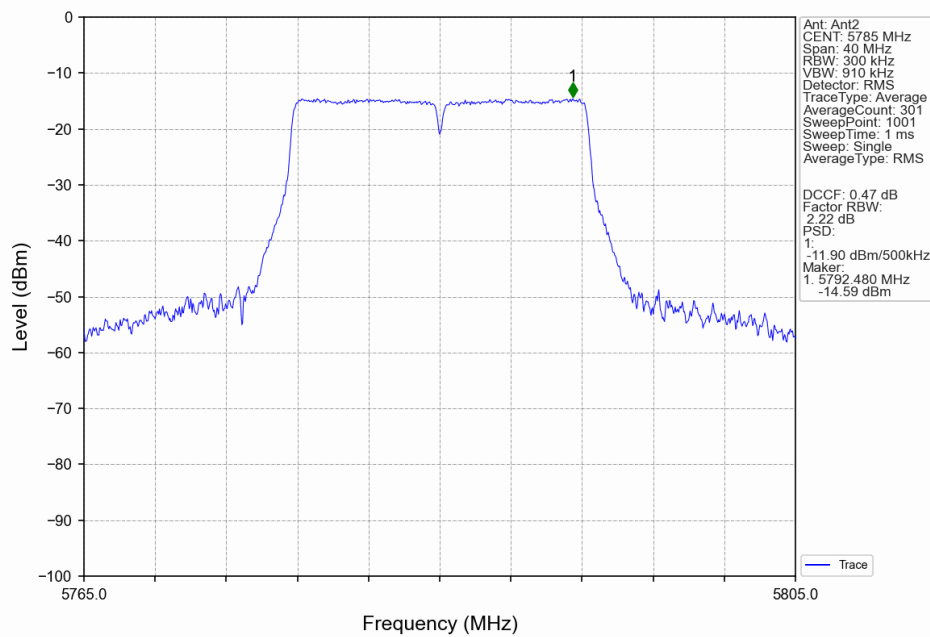
802.11a LCH 5745MHz Ant2 NTN



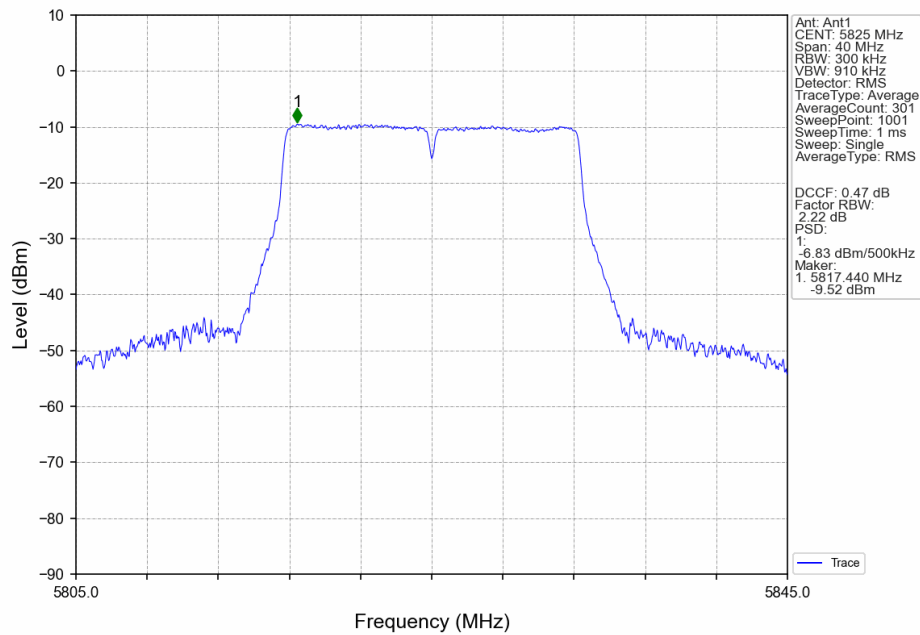
802.11a_MCH_5785MHz_Ant1_NTNV



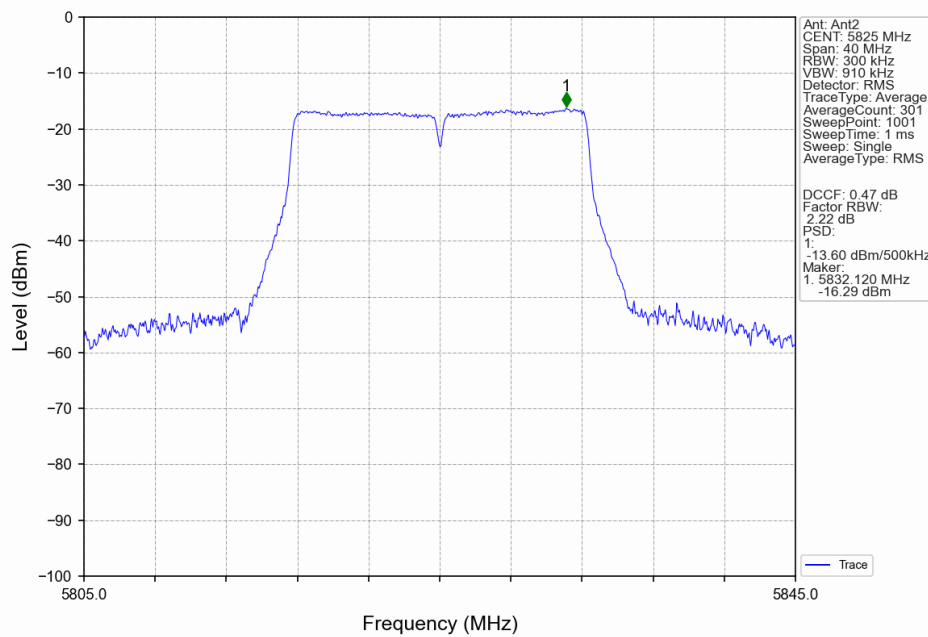
802.11a_MCH_5785MHz_Ant2_NTNV



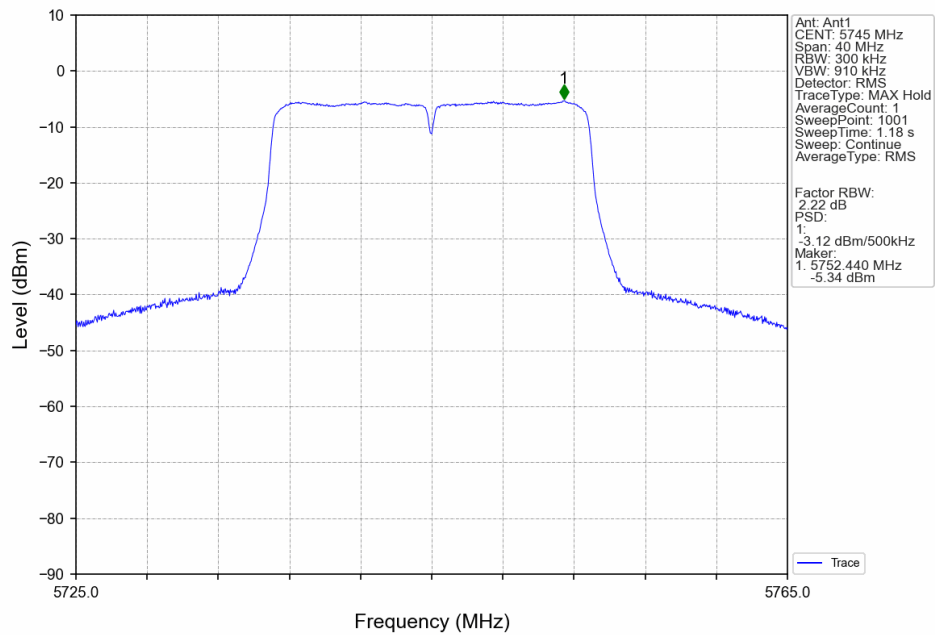
802.11a_HCH_5825MHz_Ant1_NTNV



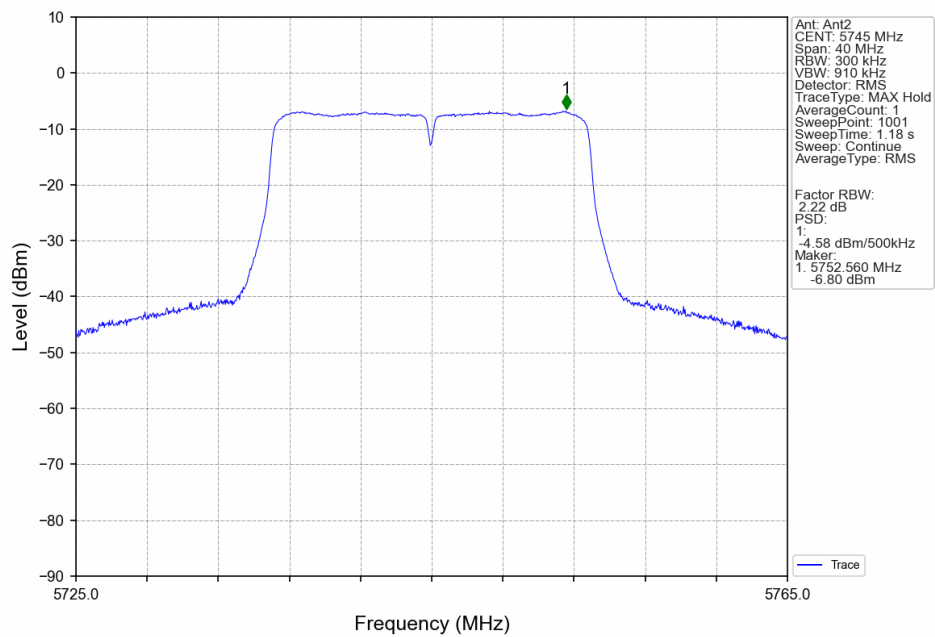
802.11a_HCH_5825MHz_Ant2_NTNV



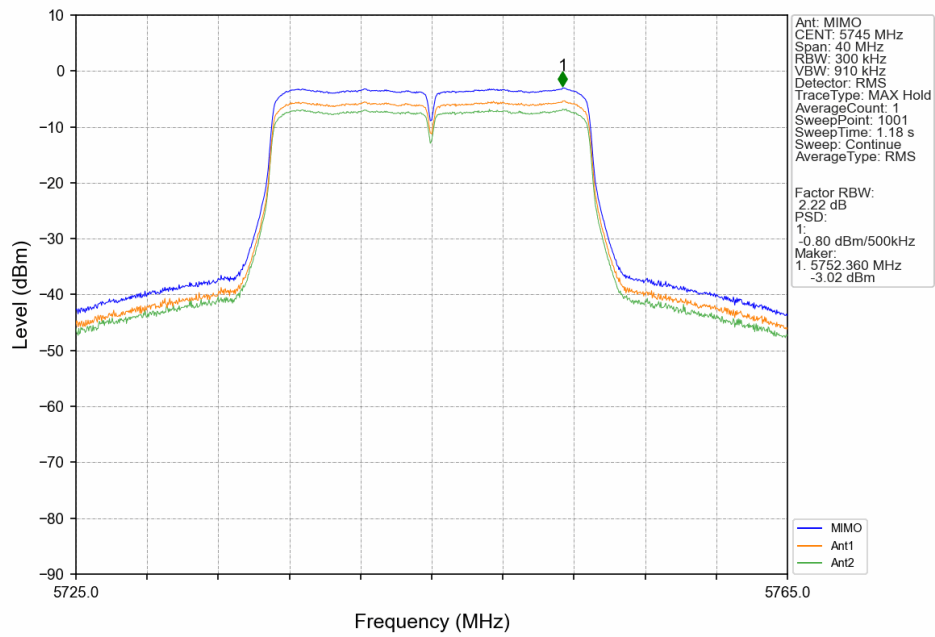
802.11n(HT20) LCH_5745MHz_Ant1_NTNV



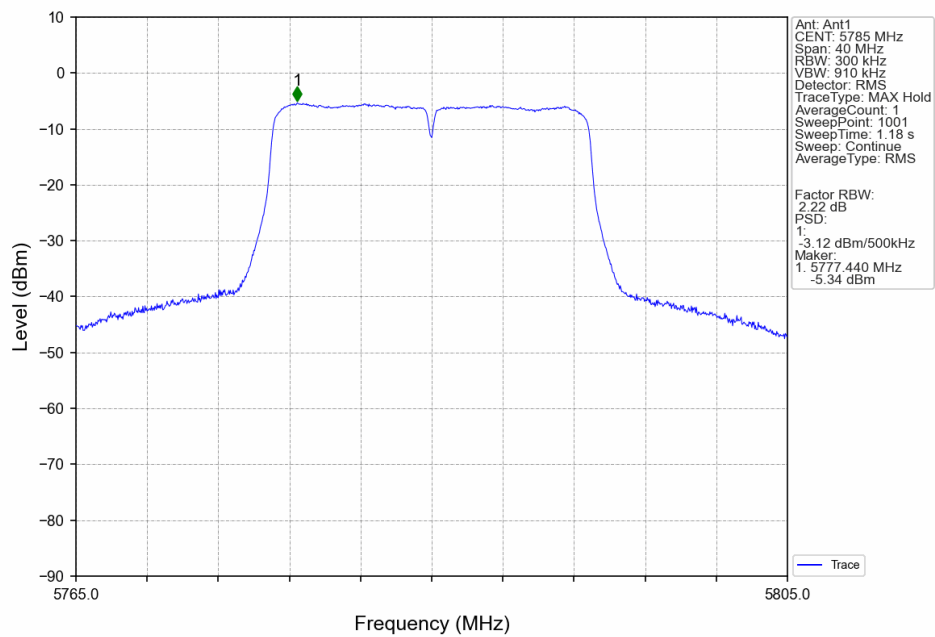
802.11n(HT20) LCH_5745MHz_Ant2_NTNV



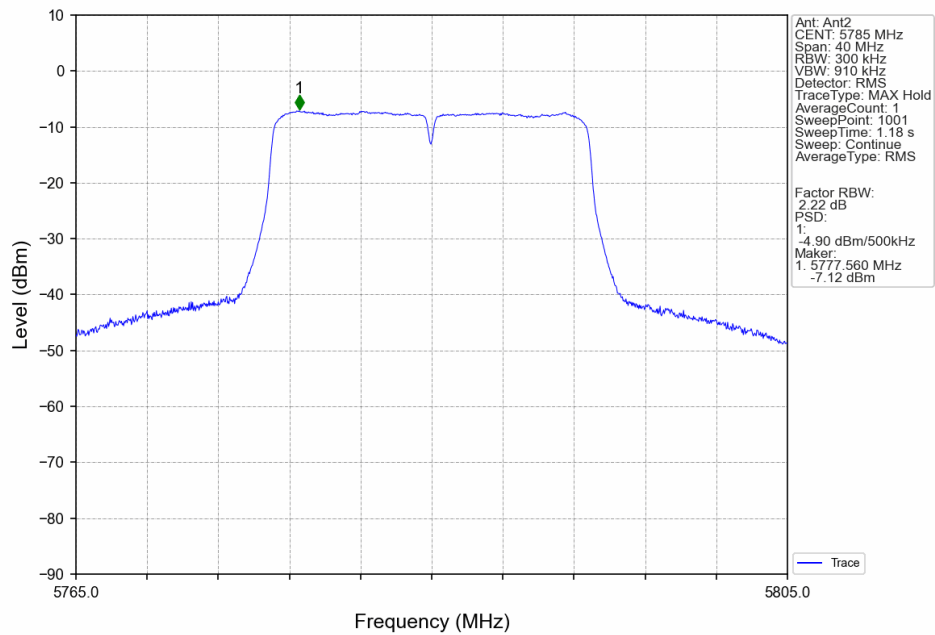
802.11n(HT20)_LCH_5745MHz_MIMO_NTNV



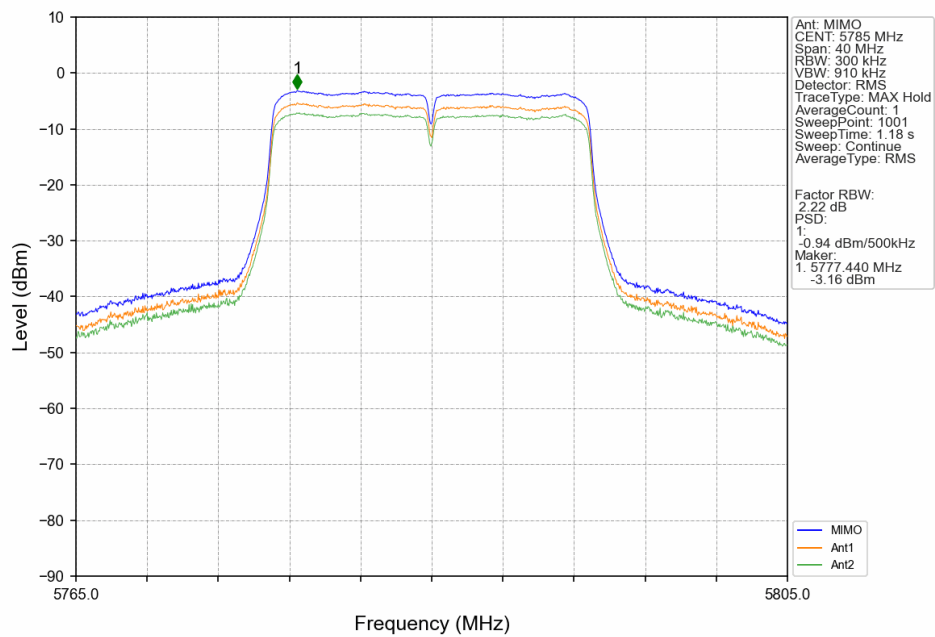
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



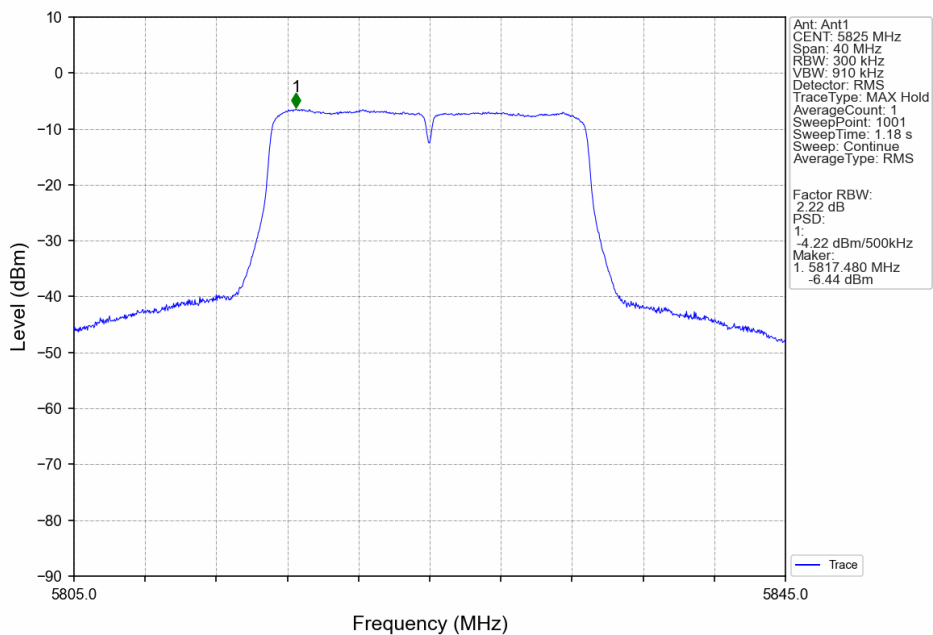
802.11n(HT20)_MCH_5785MHz_Ant2_NTNV



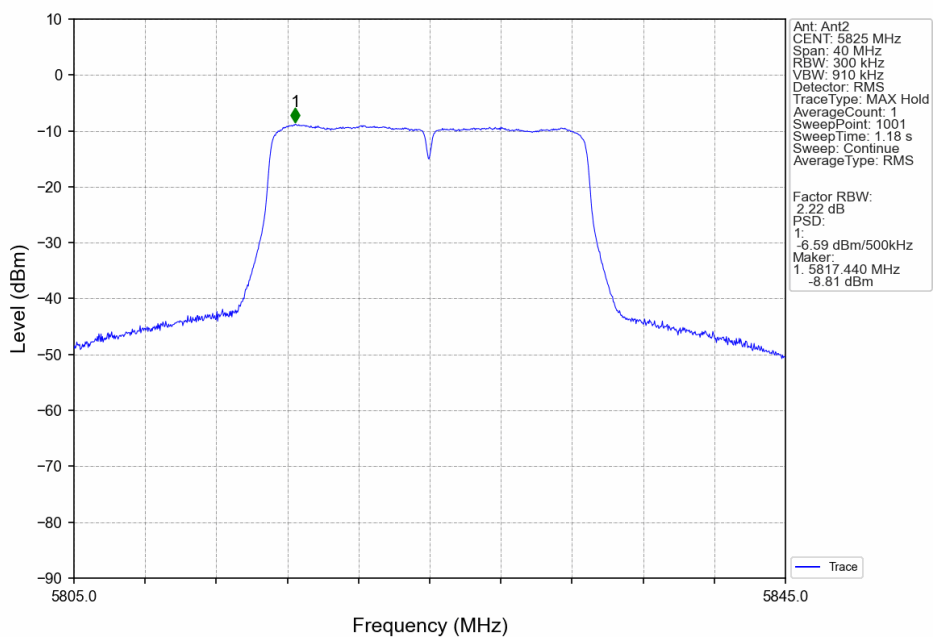
802.11n(HT20)_MCH_5785MHz_MIMO NTN



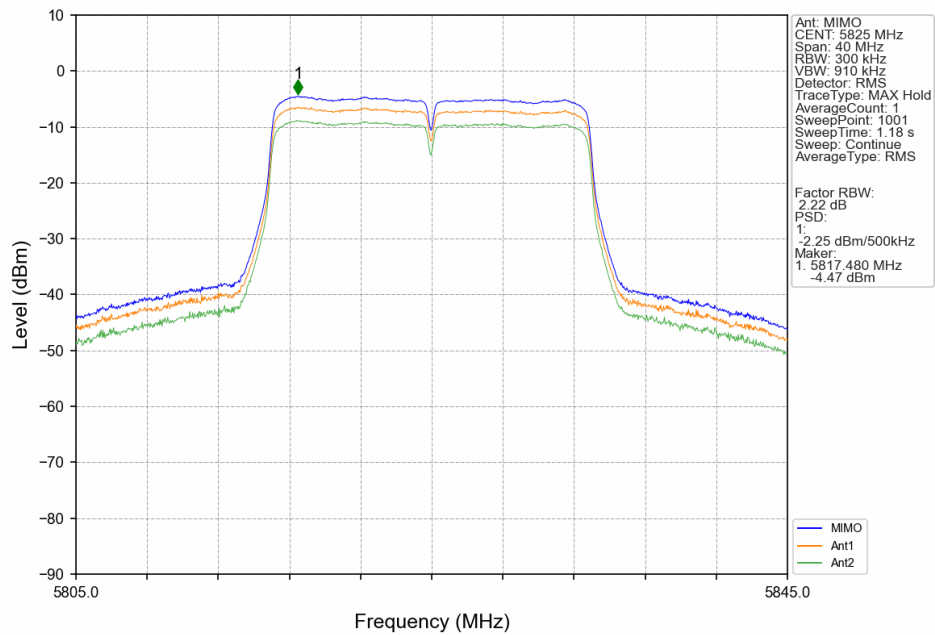
802.11n(HT20) HCH 5825MHz Ant1 NTN



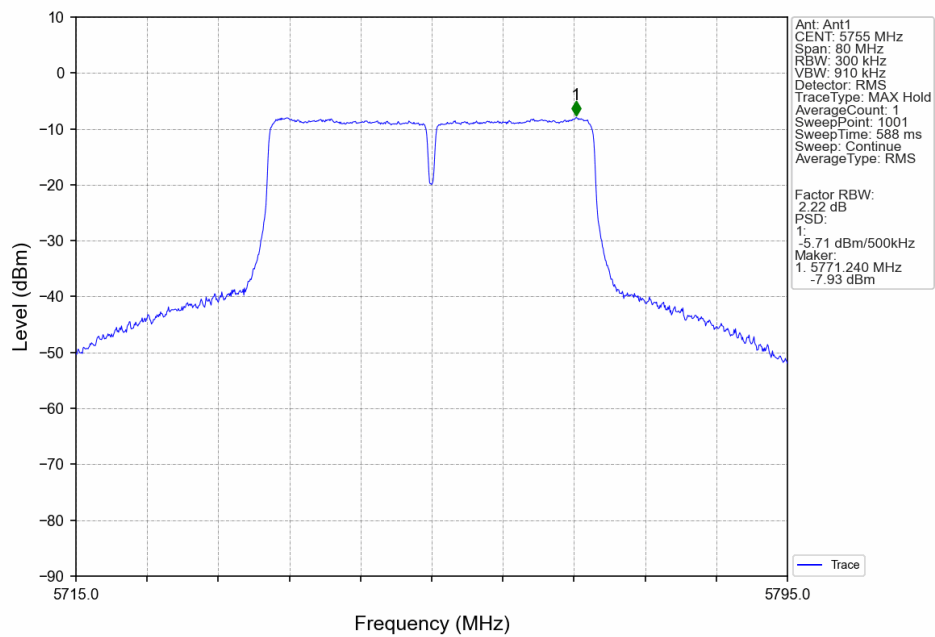
802.11n(HT20) HCH 5825MHz Ant2 NTN



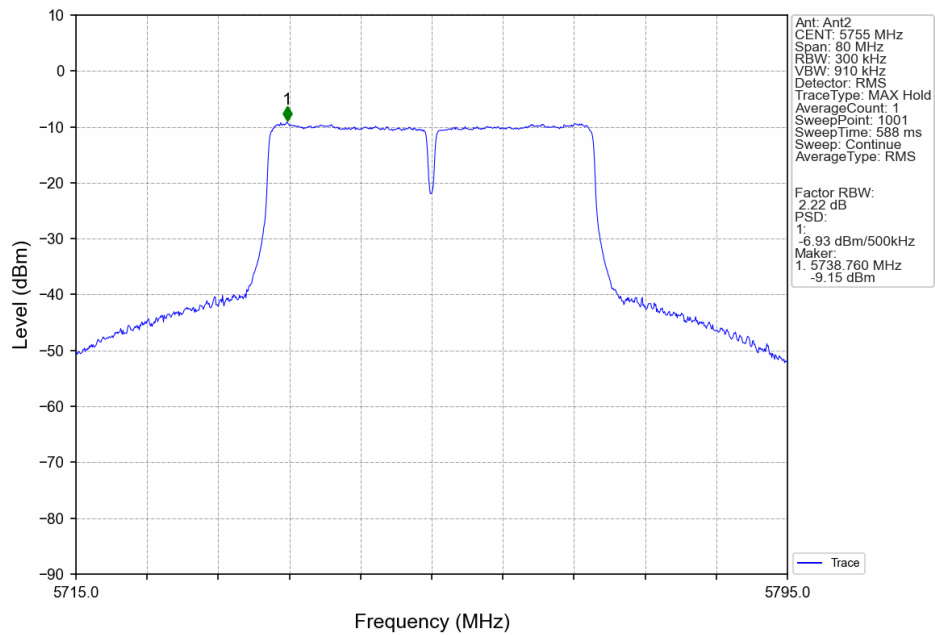
802.11n(HT20)_HCH_5825MHz_MIMO_NTNV



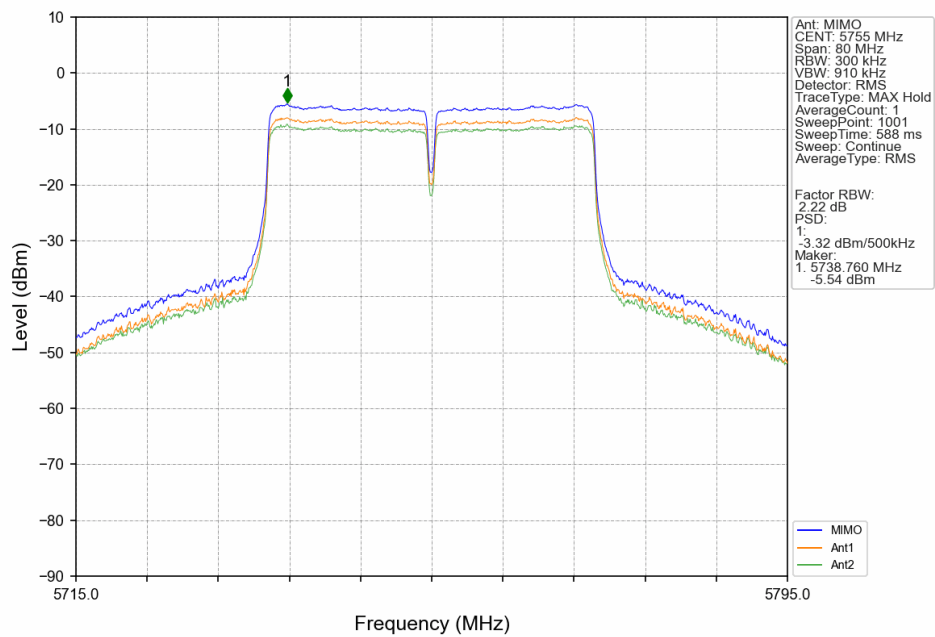
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



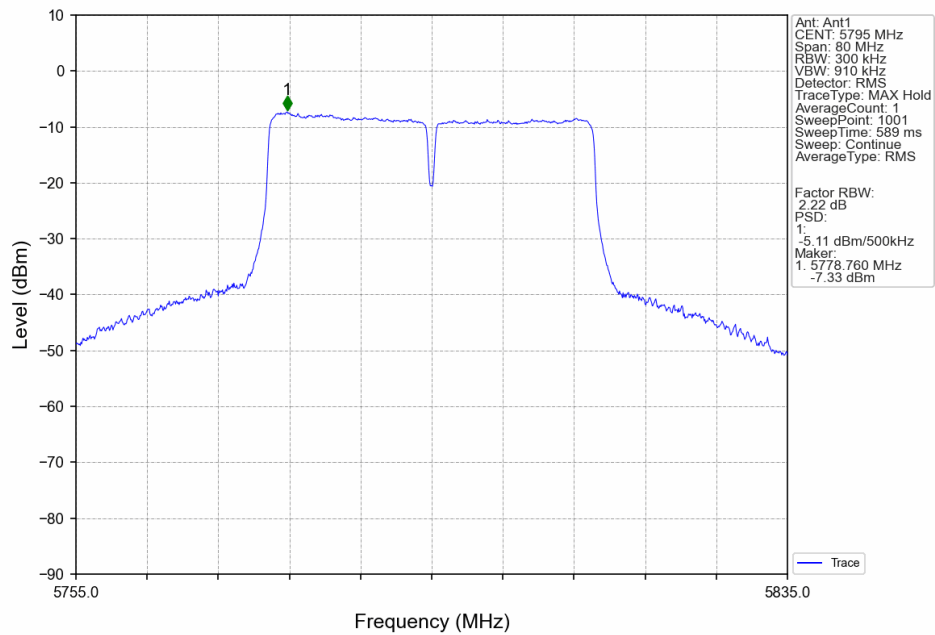
802.11n(HT40) LCH 5755MHz Ant2_NTNV



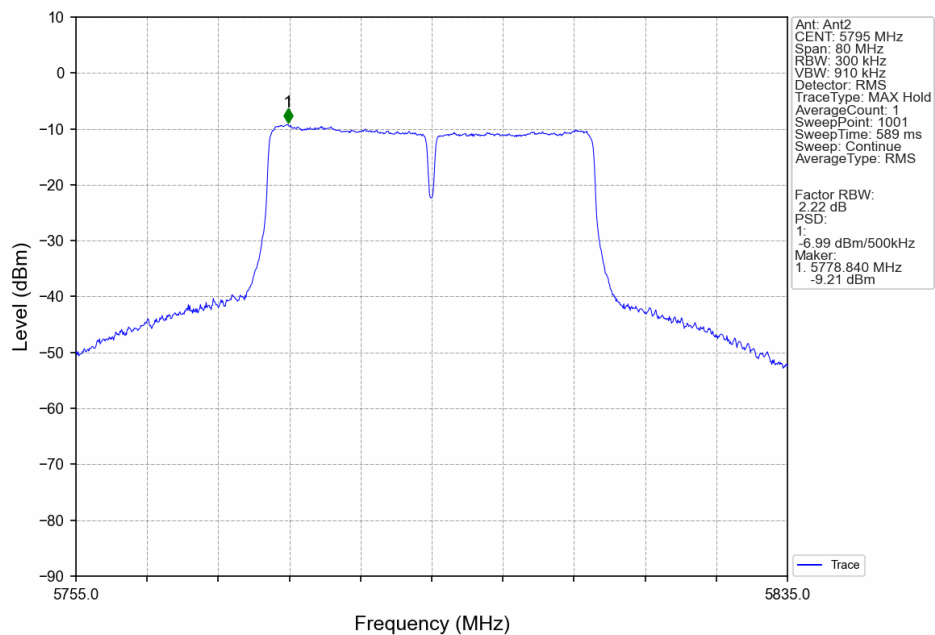
802.11n(HT40) LCH 5755MHz MIMO_NTNV



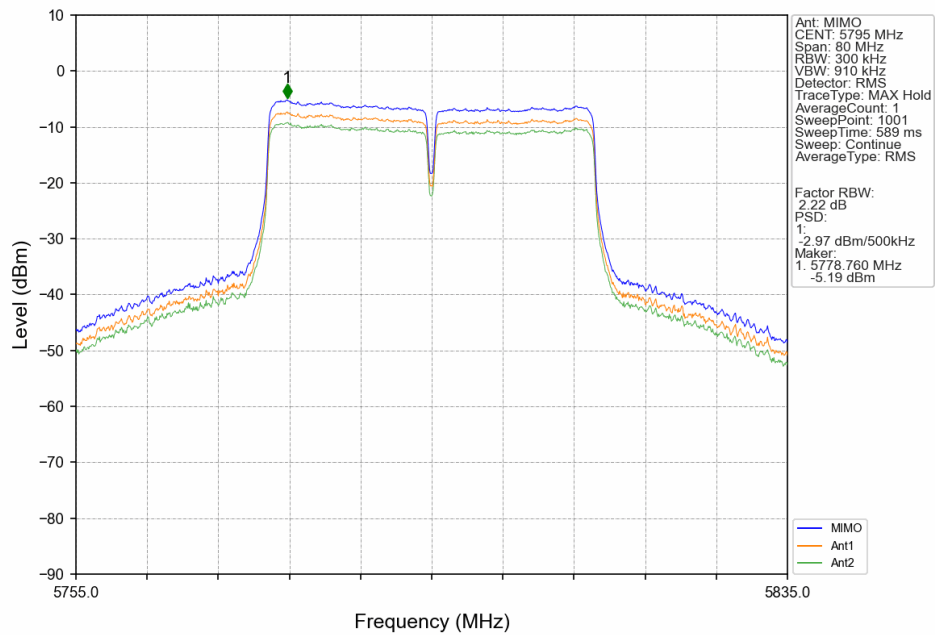
802.11n(HT40) HCH 5795MHz Ant1 NTN



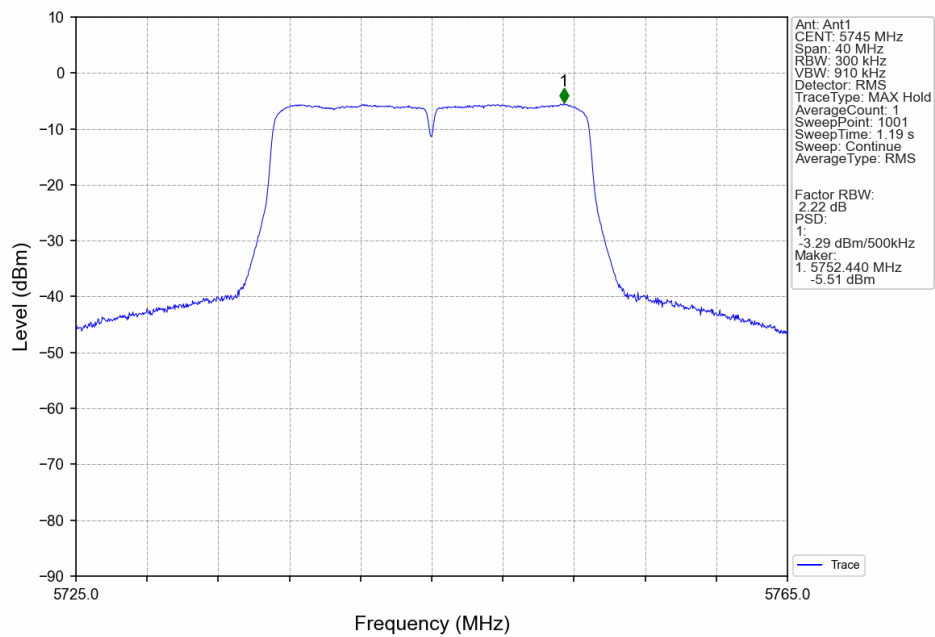
802.11n(HT40) HCH 5795MHz Ant2 NTN



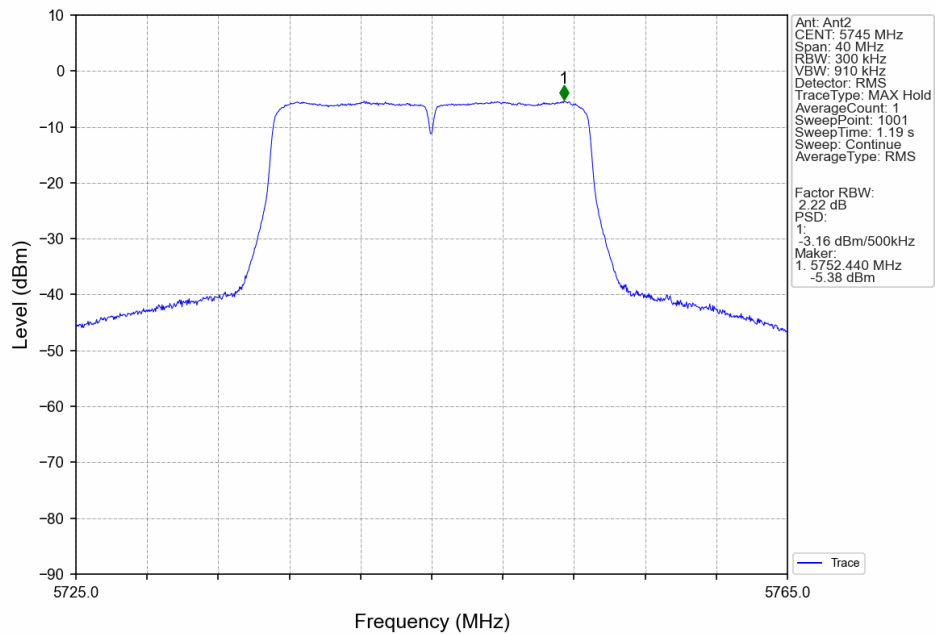
802.11n(HT40)_HCH_5795MHz_MIMO_NTNV



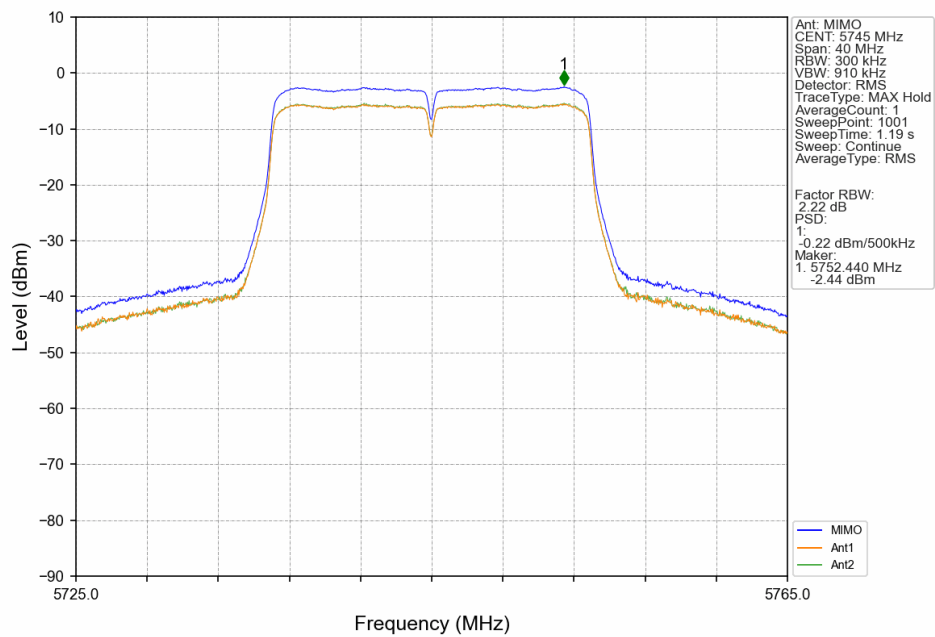
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



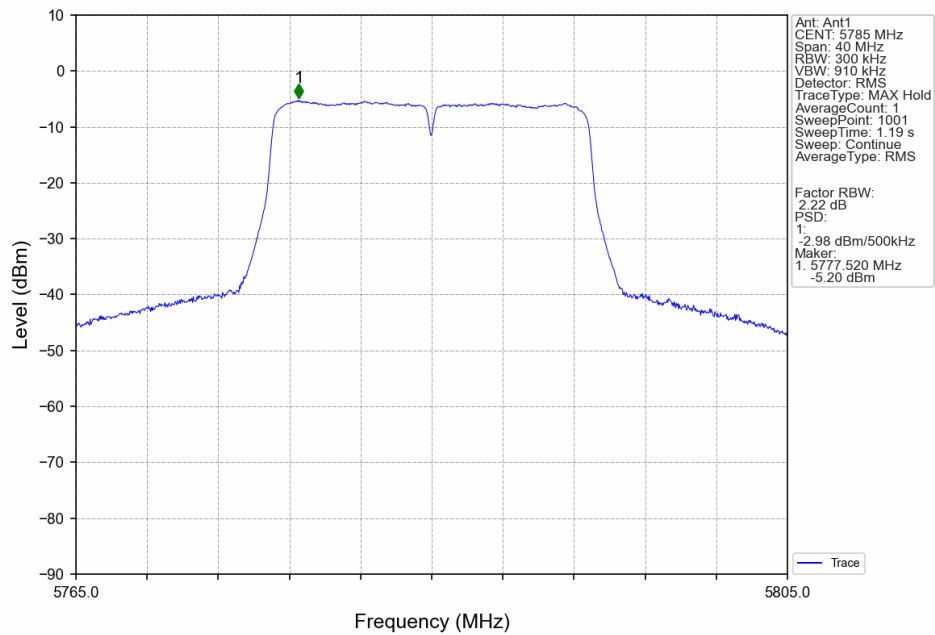
802.11ac(VHT20) LCH_5745MHz_Ant2_NTNV



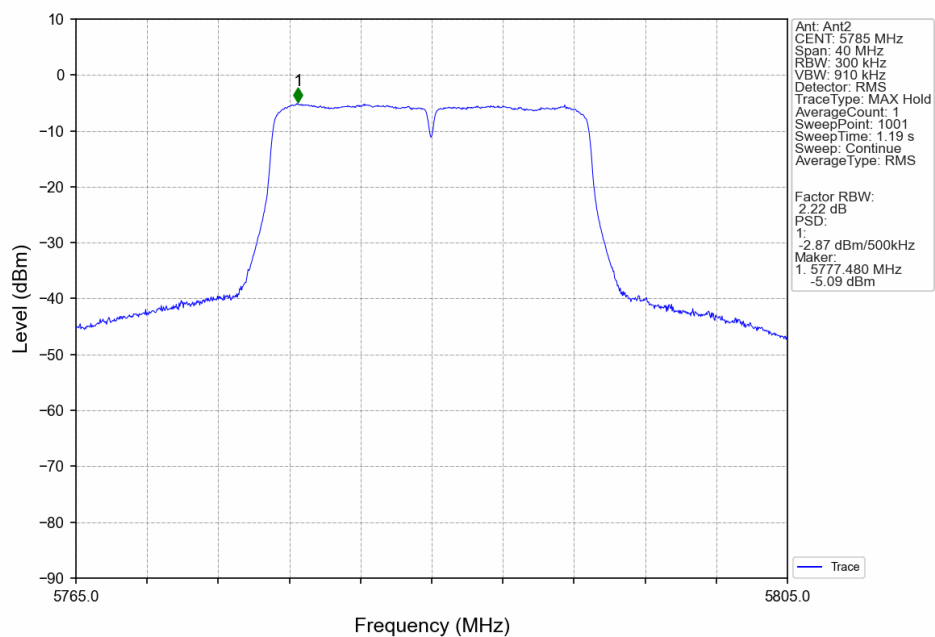
802.11ac(VHT20) LCH_5745MHz_MIMO_NTNV



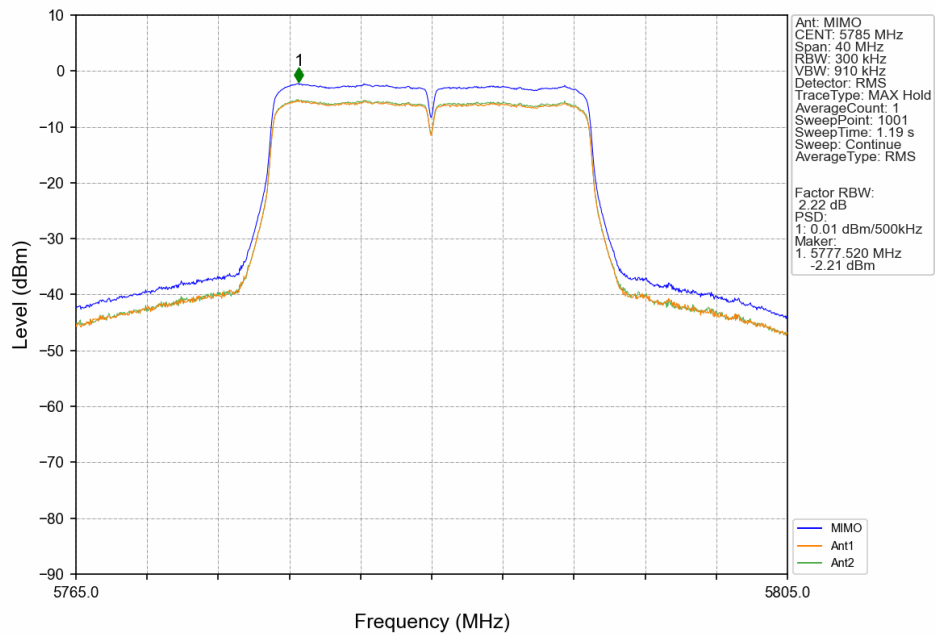
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



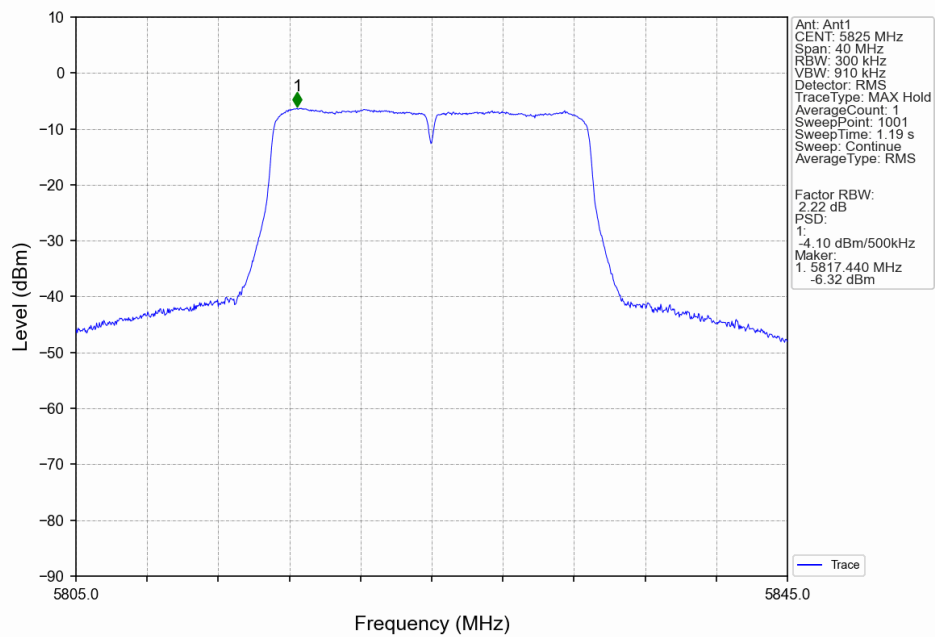
802.11ac(VHT20)_MCH_5785MHz_Ant2_NTNV



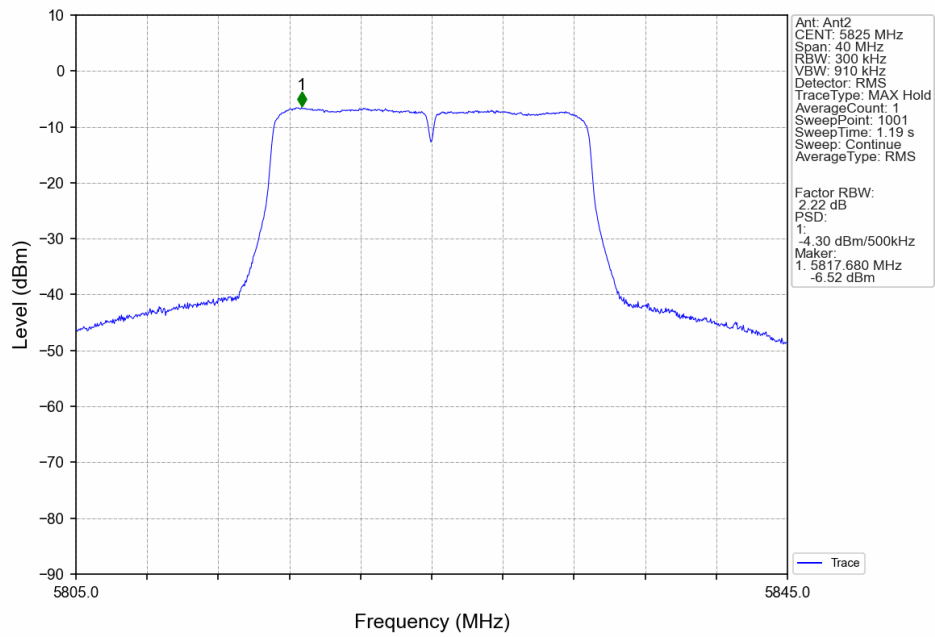
802.11ac(VHT20)_MCH_5785MHz_MIMO_NTNV



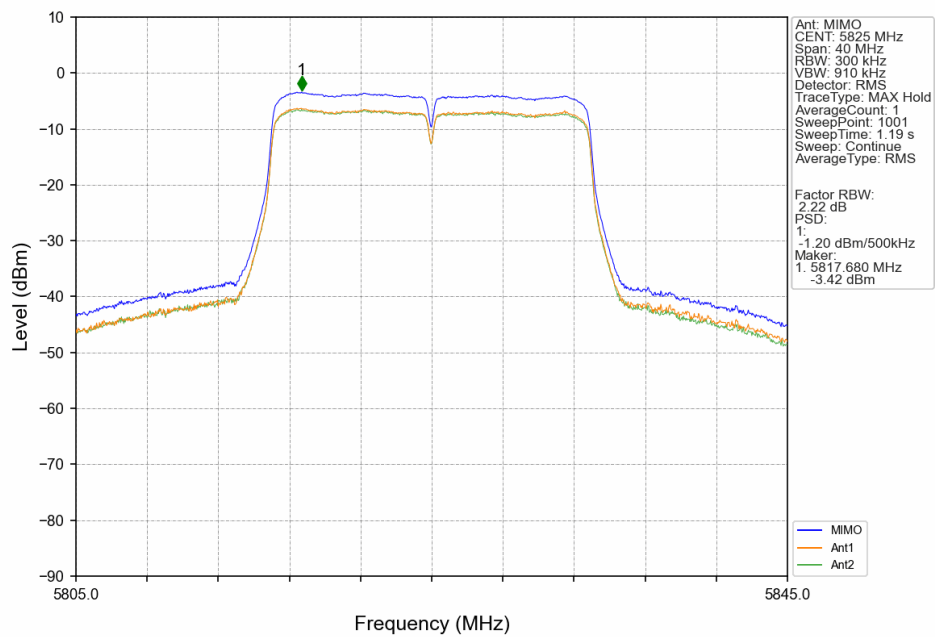
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



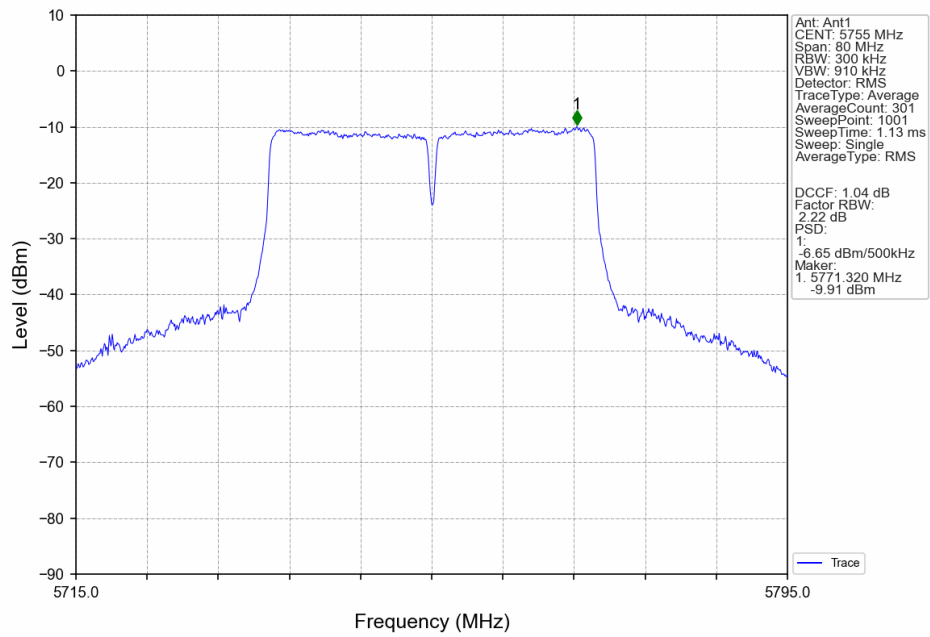
802.11ac(VHT20) HCH 5825MHz Ant2_NTNV



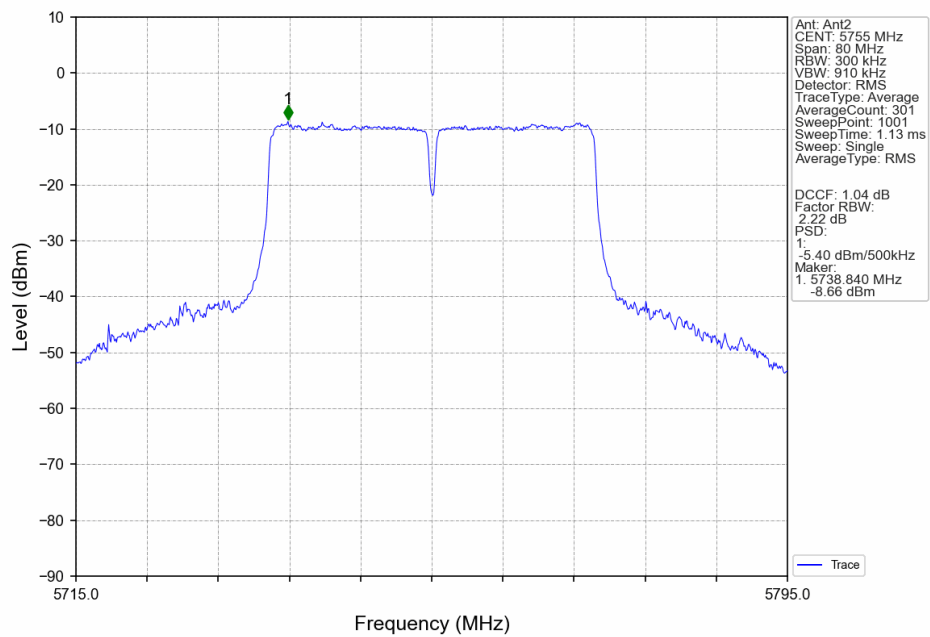
802.11ac(VHT20) HCH 5825MHz MIMO NTN



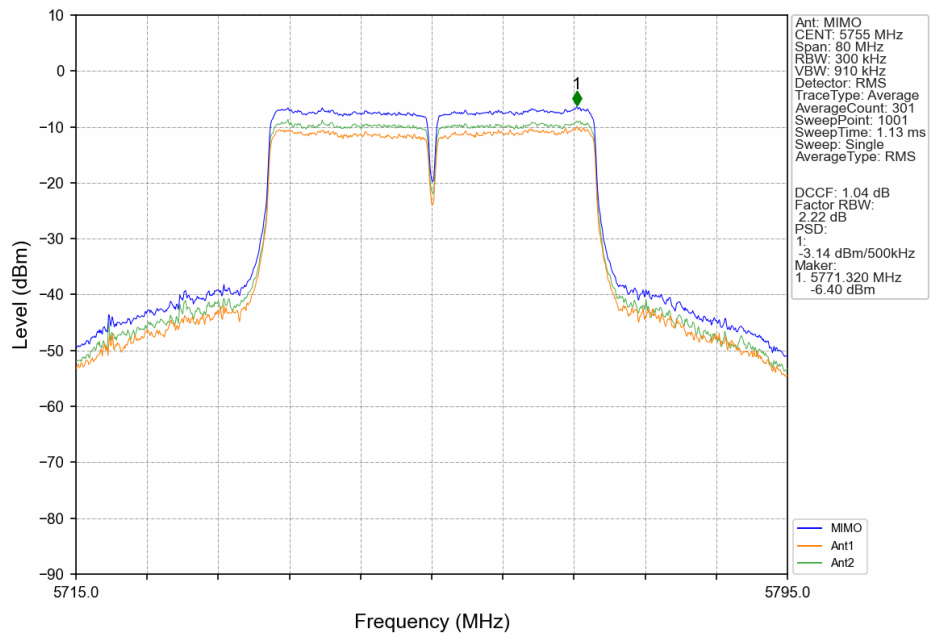
802.11ac(VHT40) LCH_5755MHz_Ant1_NTNV



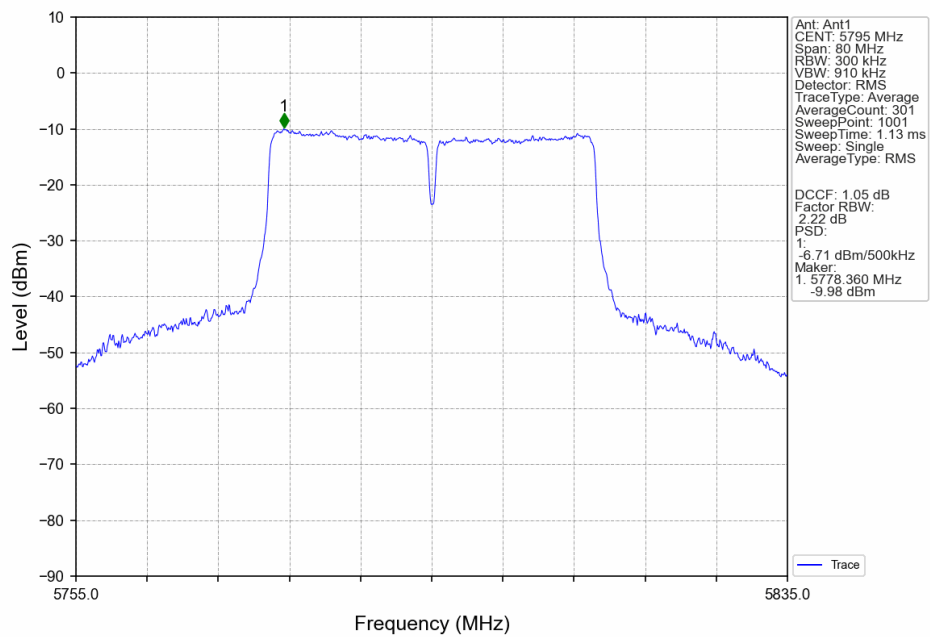
802.11ac(VHT40) LCH_5755MHz_Ant2_NTNV



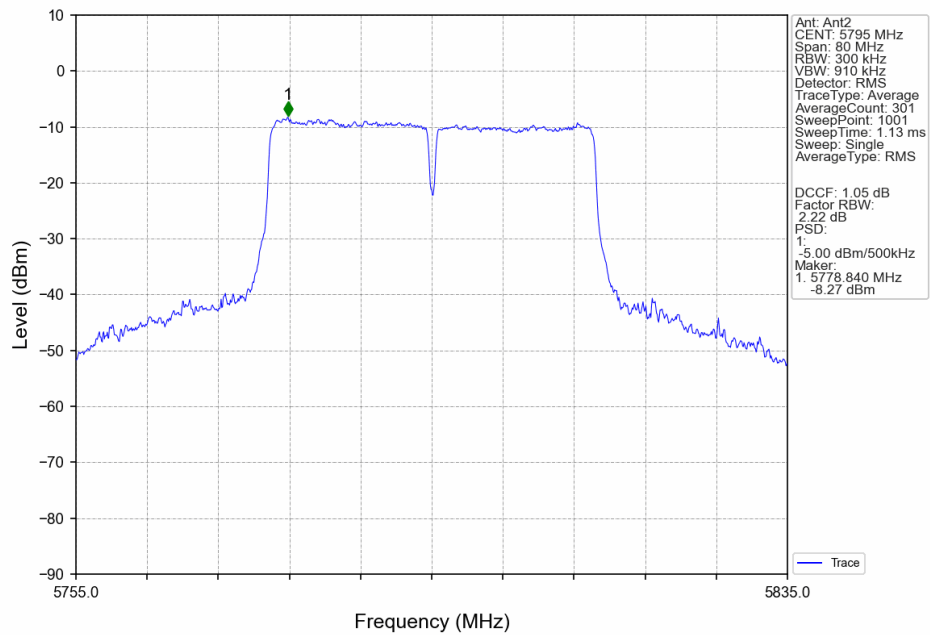
802.11ac(VHT40)_LCH_5755MHz_MIMO_NTNV



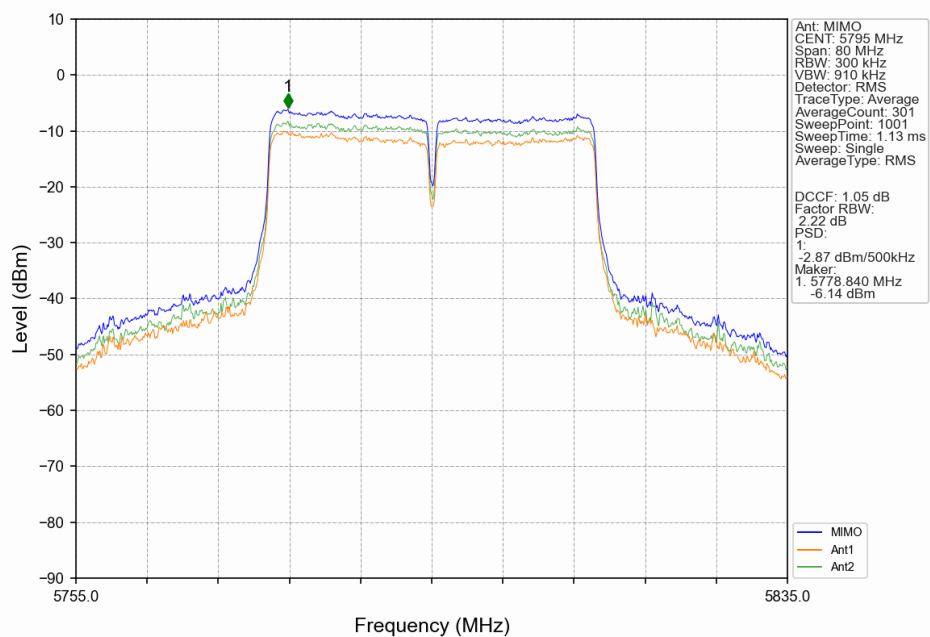
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



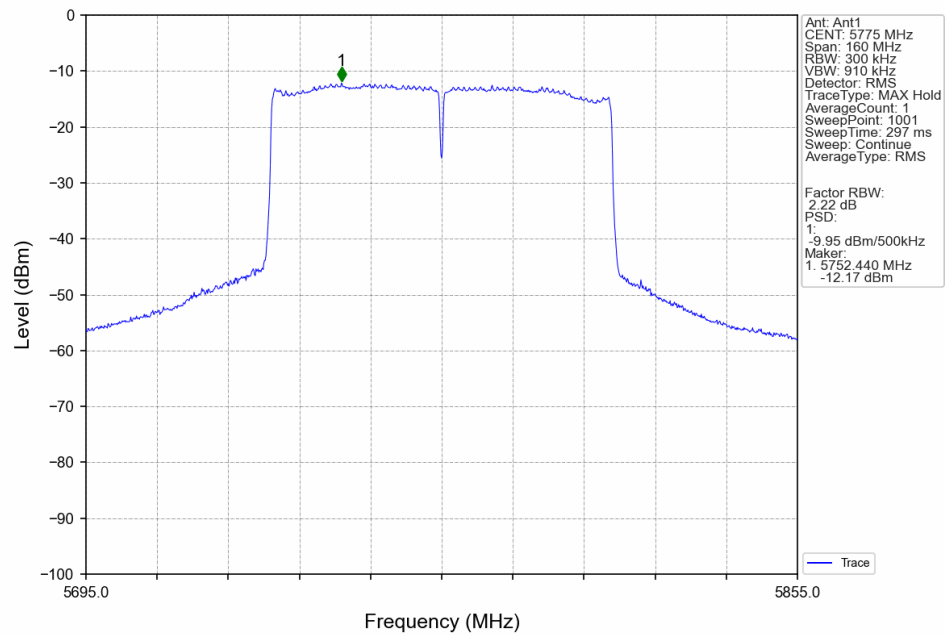
802.11ac(VHT40) HCH 5795MHz Ant2_NTNV



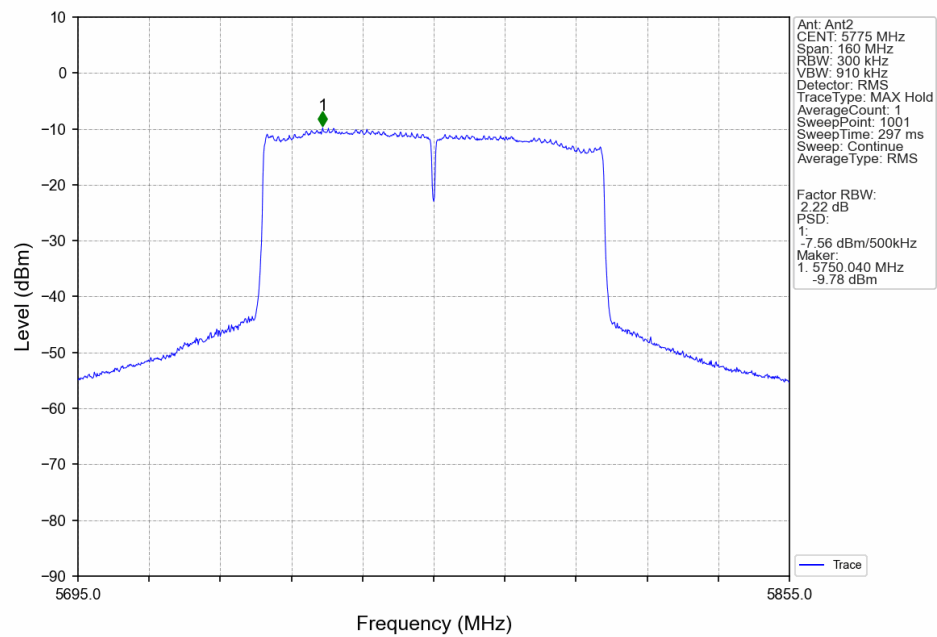
802.11ac(VHT40) HCH 5795MHz MIMO NTN



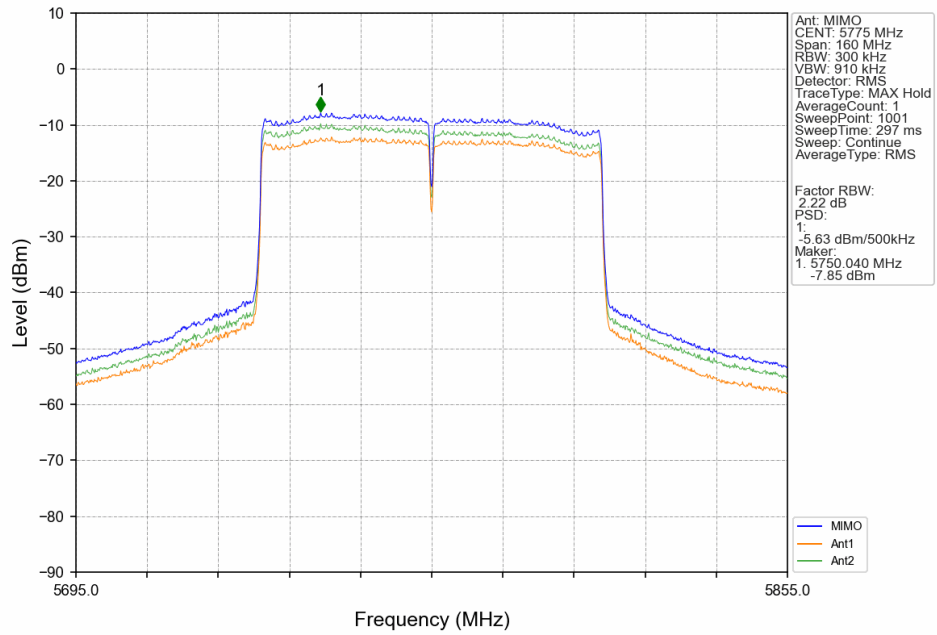
802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant2_NTNV



802.11ac(VHT80)_MCH_5775MHz_MIMO_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	5179.973	5150 to 5250	Pass
				120	5179.973	5150 to 5250	Pass
				138	5179.972	5150 to 5250	Pass
			-30	120	5179.972	5150 to 5250	Pass
			-20	120	5179.972	5150 to 5250	Pass
			-10	120	5179.972	5150 to 5250	Pass
			0	120	5179.972	5150 to 5250	Pass
			10	120	5179.971	5150 to 5250	Pass
			30	120	5179.971	5150 to 5250	Pass
			40	120	5179.971	5150 to 5250	Pass
			50	120	5179.971	5150 to 5250	Pass
		5200	20	102	5199.970	5150 to 5250	Pass
				120	5199.970	5150 to 5250	Pass
				138	5199.970	5150 to 5250	Pass
			-30	120	5199.970	5150 to 5250	Pass
			-20	120	5199.970	5150 to 5250	Pass
			-10	120	5199.970	5150 to 5250	Pass
			0	120	5199.969	5150 to 5250	Pass
			10	120	5199.969	5150 to 5250	Pass
			30	120	5199.969	5150 to 5250	Pass
			40	120	5199.969	5150 to 5250	Pass
			50	120	5199.969	5150 to 5250	Pass
		5240	20	102	5239.967	5150 to 5250	Pass
				120	5239.967	5150 to 5250	Pass
				138	5239.967	5150 to 5250	Pass
			-30	120	5239.967	5150 to 5250	Pass
			-20	120	5239.967	5150 to 5250	Pass
			-10	120	5239.967	5150 to 5250	Pass
			0	120	5239.967	5150 to 5250	Pass
			10	120	5239.967	5150 to 5250	Pass
			30	120	5239.967	5150 to 5250	Pass
			40	120	5239.967	5150 to 5250	Pass
			50	120	5239.967	5150 to 5250	Pass
		5745	20	102	5744.964	5725 to 5850	Pass
				120	5744.964	5725 to 5850	Pass
				138	5744.964	5725 to 5850	Pass
			-30	120	5744.964	5725 to 5850	Pass
			-20	120	5744.964	5725 to 5850	Pass
			-10	120	5744.964	5725 to 5850	Pass
			0	120	5744.964	5725 to 5850	Pass
			10	120	5744.964	5725 to 5850	Pass
			30	120	5744.964	5725 to 5850	Pass
			40	120	5744.964	5725 to 5850	Pass
			50	120	5744.964	5725 to 5850	Pass
		5785	20	102	5784.963	5725 to 5850	Pass
				120	5784.963	5725 to 5850	Pass

				138	5784.963	5725 to 5850	Pass
			-30	120	5784.963	5725 to 5850	Pass
			-20	120	5784.963	5725 to 5850	Pass
			-10	120	5784.963	5725 to 5850	Pass
			0	120	5784.963	5725 to 5850	Pass
			10	120	5784.963	5725 to 5850	Pass
			30	120	5784.963	5725 to 5850	Pass
			40	120	5784.963	5725 to 5850	Pass
			50	120	5784.963	5725 to 5850	Pass
		5825	20	102	5824.962	5725 to 5850	Pass
				120	5824.962	5725 to 5850	Pass
				138	5824.962	5725 to 5850	Pass
			-30	120	5824.962	5725 to 5850	Pass
			-20	120	5824.962	5725 to 5850	Pass
			-10	120	5824.962	5725 to 5850	Pass
			0	120	5824.962	5725 to 5850	Pass
			10	120	5824.962	5725 to 5850	Pass
			30	120	5824.962	5725 to 5850	Pass
			40	120	5824.962	5725 to 5850	Pass
			50	120	5824.962	5725 to 5850	Pass
	MIMO	5190	20	102	5190.496	5150 to 5250	Pass
				120	5190.478	5150 to 5250	Pass
				138	5190.496	5150 to 5250	Pass
			-30	120	5190.495	5150 to 5250	Pass
			-20	120	5190.489	5150 to 5250	Pass
			-10	120	5190.498	5150 to 5250	Pass
			0	120	5190.458	5150 to 5250	Pass
			10	120	5190.488	5150 to 5250	Pass
			30	120	5190.477	5150 to 5250	Pass
			40	120	5190.499	5150 to 5250	Pass
			50	120	5190.456	5150 to 5250	Pass
		5230	20	102	5230.500	5150 to 5250	Pass
				120	5230.497	5150 to 5250	Pass
				138	5230.493	5150 to 5250	Pass
			-30	120	5230.499	5150 to 5250	Pass
			-20	120	5230.482	5150 to 5250	Pass
			-10	120	5230.497	5150 to 5250	Pass
			0	120	5230.500	5150 to 5250	Pass
			10	120	5230.487	5150 to 5250	Pass
			30	120	5230.493	5150 to 5250	Pass
			40	120	5230.500	5150 to 5250	Pass
			50	120	5230.494	5150 to 5250	Pass
		5755	20	102	5755.449	5725 to 5850	Pass
				120	5755.497	5725 to 5850	Pass
				138	5755.474	5725 to 5850	Pass
			-30	120	5755.496	5725 to 5850	Pass
			-20	120	5755.491	5725 to 5850	Pass
			-10	120	5755.460	5725 to 5850	Pass
			0	120	5755.485	5725 to 5850	Pass
			10	120	5755.451	5725 to 5850	Pass
			30	120	5755.497	5725 to 5850	Pass
			40	120	5755.479	5725 to 5850	Pass
			50	120	5755.497	5725 to 5850	Pass
		5795	20	102	5795.500	5725 to 5850	Pass
				120	5795.447	5725 to 5850	Pass
				138	5795.496	5725 to 5850	Pass
			-30	120	5795.452	5725 to 5850	Pass
			-20	120	5795.495	5725 to 5850	Pass
			-10	120	5795.484	5725 to 5850	Pass

			0	120	5795.471	5725 to 5850	Pass
			10	120	5795.492	5725 to 5850	Pass
			30	120	5795.490	5725 to 5850	Pass
			40	120	5795.483	5725 to 5850	Pass
			50	120	5795.487	5725 to 5850	Pass
		5210	20	102	5210.500	5150 to 5250	Pass
				120	5210.500	5150 to 5250	Pass
				138	5210.483	5150 to 5250	Pass
			-30	120	5210.481	5150 to 5250	Pass
			-20	120	5210.495	5150 to 5250	Pass
			-10	120	5210.498	5150 to 5250	Pass
			0	120	5210.451	5150 to 5250	Pass
			10	120	5210.498	5150 to 5250	Pass
			30	120	5210.496	5150 to 5250	Pass
			40	120	5210.457	5150 to 5250	Pass
			50	120	5210.490	5150 to 5250	Pass
		5775	20	102	5775.498	5725 to 5850	Pass
				120	5775.495	5725 to 5850	Pass
				138	5775.496	5725 to 5850	Pass
			-30	120	5775.477	5725 to 5850	Pass
			-20	120	5775.490	5725 to 5850	Pass
			-10	120	5775.474	5725 to 5850	Pass
			0	120	5775.474	5725 to 5850	Pass
			10	120	5775.489	5725 to 5850	Pass
			30	120	5775.489	5725 to 5850	Pass
			40	120	5775.454	5725 to 5850	Pass
			50	120	5775.490	5725 to 5850	Pass

6. Form731

6.1 Test Result

6.1.1 Form731

Lower Freq (MHz)	High Freq (MHz)	MAX Power (W)	MAX Power (dBm)
5180	5240	0.0203	13.07
5745	5825	0.0272	14.35
5190	5230	0.0215	13.33
5755	5795	0.0257	14.10
5210	5210	0.0196	12.93