

4. Maximum Power Spectral Density

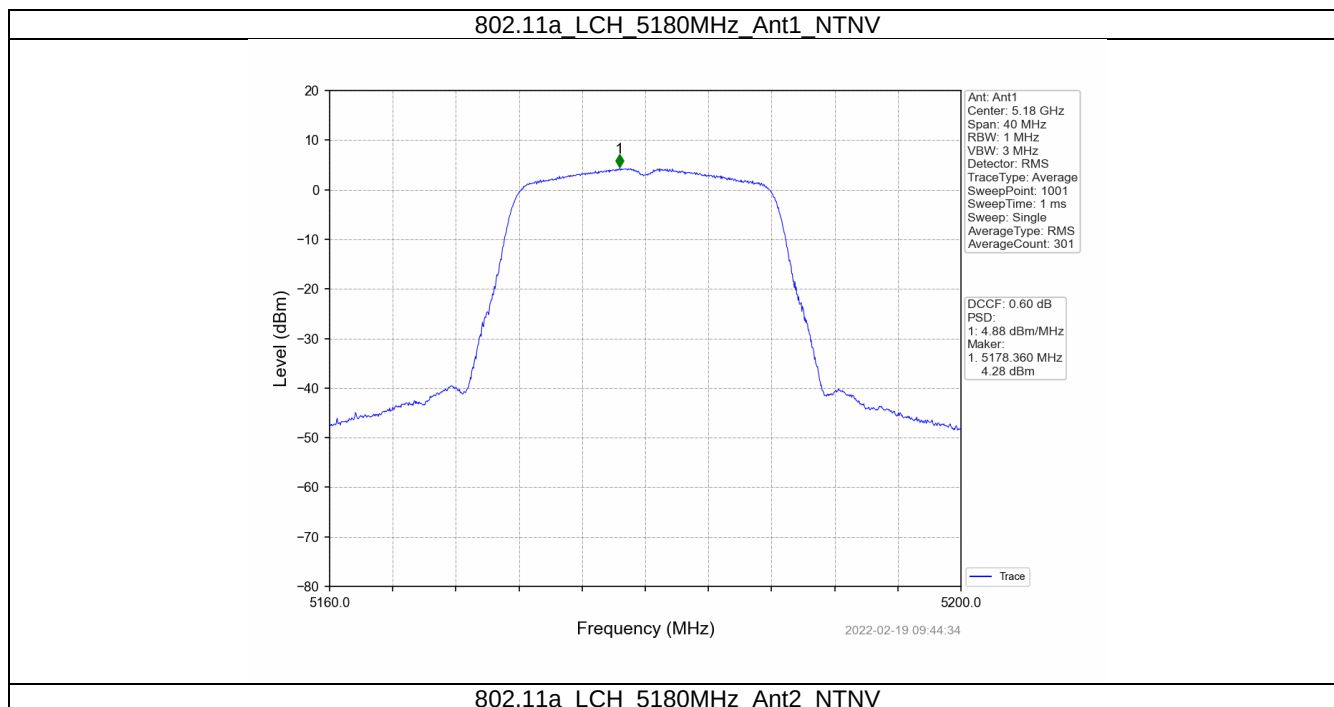
4.1 PSD

4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)				Verdict
			Ant1	Ant2	MIMO	Limit	
802.11a	SISO	5180	4.88	2.78	/	<=11	Pass
		5200	3.98	3.33	/	<=11	Pass
		5240	3.98	3.91	/	<=11	Pass
802.11n (HT20)	MIMO	5180	-0.62	2.04	3.78	<=10.83	Pass
		5200	-1.27	2.06	3.64	<=10.83	Pass
		5240	-1.83	2.70	3.94	<=10.83	Pass
802.11n (HT40)	MIMO	5190	-3.74	-0.87	0.83	<=10.83	Pass
		5230	-4.23	-0.46	1.02	<=10.83	Pass
802.11ac (VHT20)	MIMO	5180	-0.10	2.26	4.08	<=10.83	Pass
		5200	-0.76	2.21	3.93	<=10.83	Pass
		5240	-1.58	2.49	3.84	<=10.83	Pass
802.11ac (VHT40)	MIMO	5190	-3.23	-2.57	0.00	<=10.83	Pass
		5230	-3.97	-2.31	-0.22	<=10.83	Pass
802.11ac (VHT80)	MIMO	5210	-6.26	-5.78	-3.04	<=10.83	Pass

Note1: Antenna Gain: Ant1: 3.17dBi; Ant2: 3.14dBi;
Note2: Directional Gain: 6.17dBi

4.1.2 Test Graph



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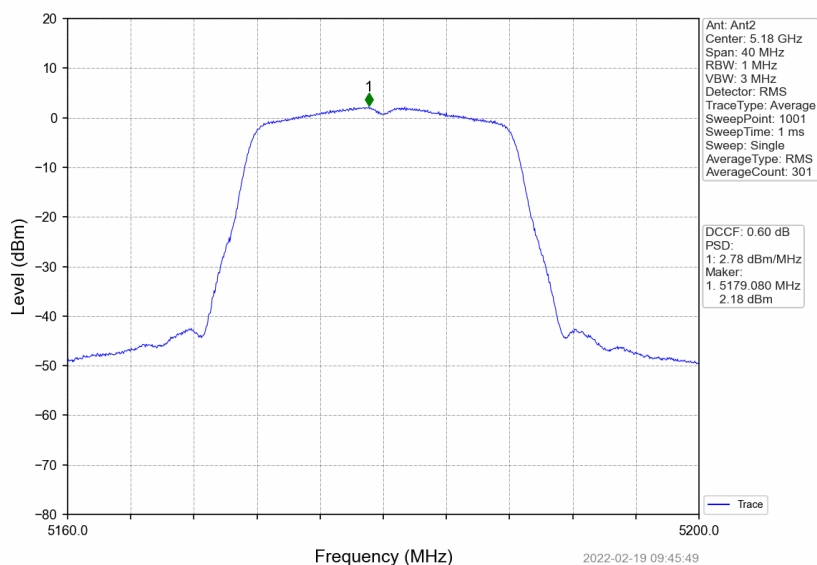
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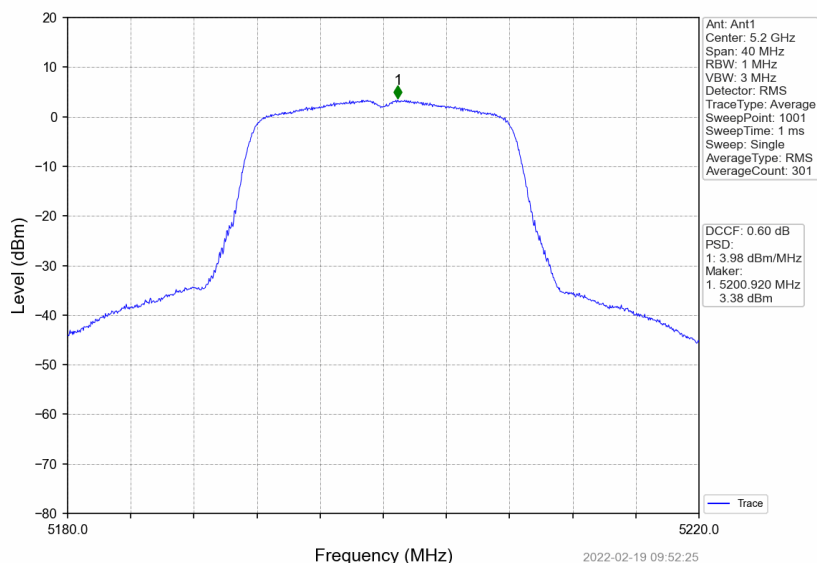
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802.11a_MCH_5200MHz_Ant1_NTNV



802.11a_MCH_5200MHz_Ant2_NTNV



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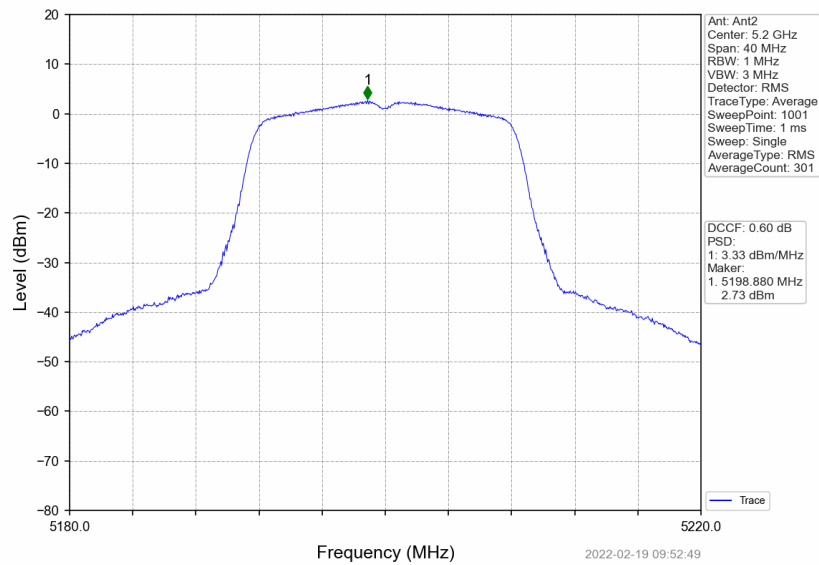
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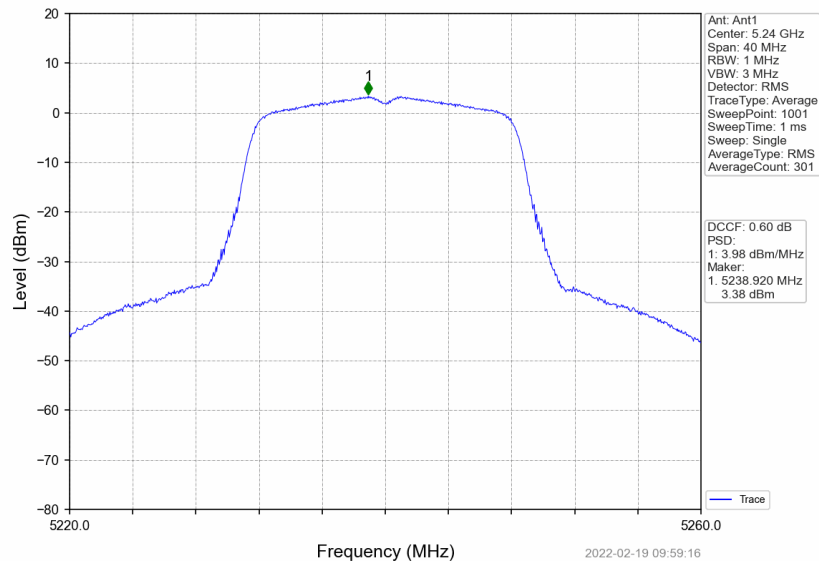
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802.11a_HCH_5240MHz_Ant1_NTNV



802.11a_HCH_5240MHz_Ant2_NTNV



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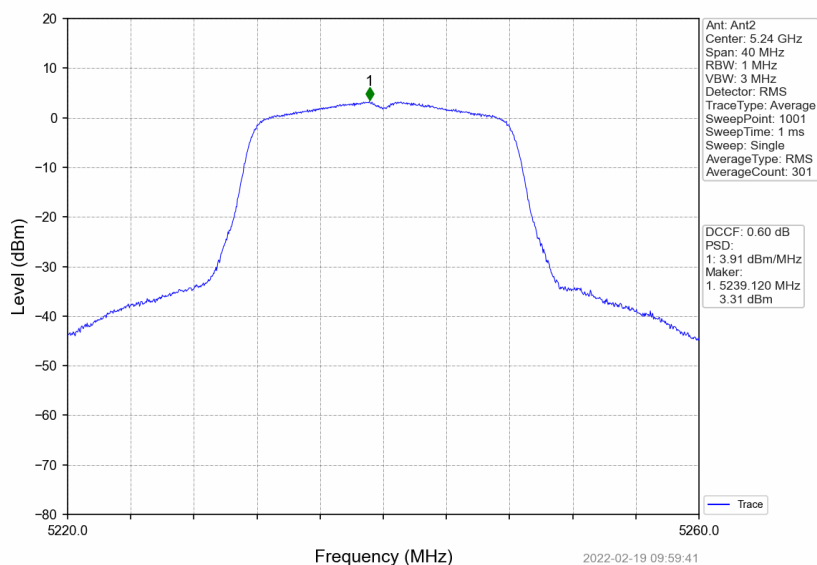
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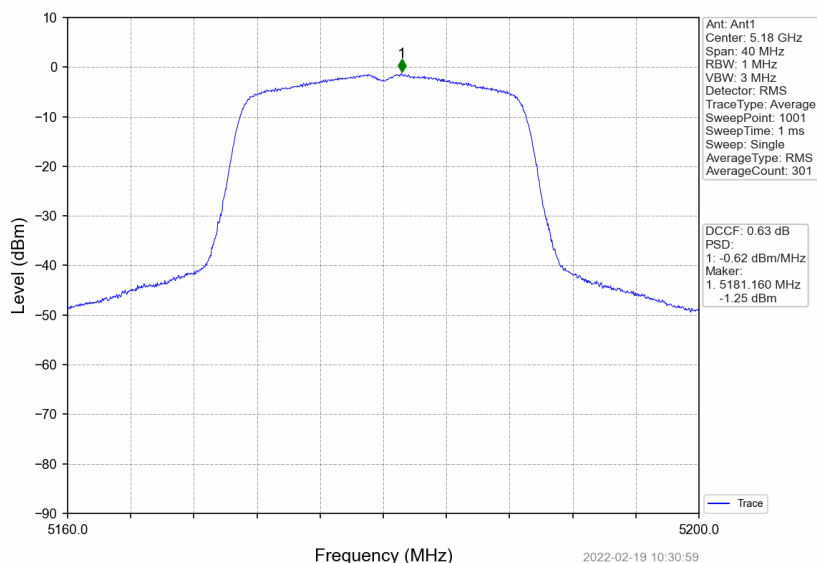
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802.11n(HT20) LCH 5180MHz Ant1 NTV



802.11n(HT20) LCH 5180MHz Ant2 NTV



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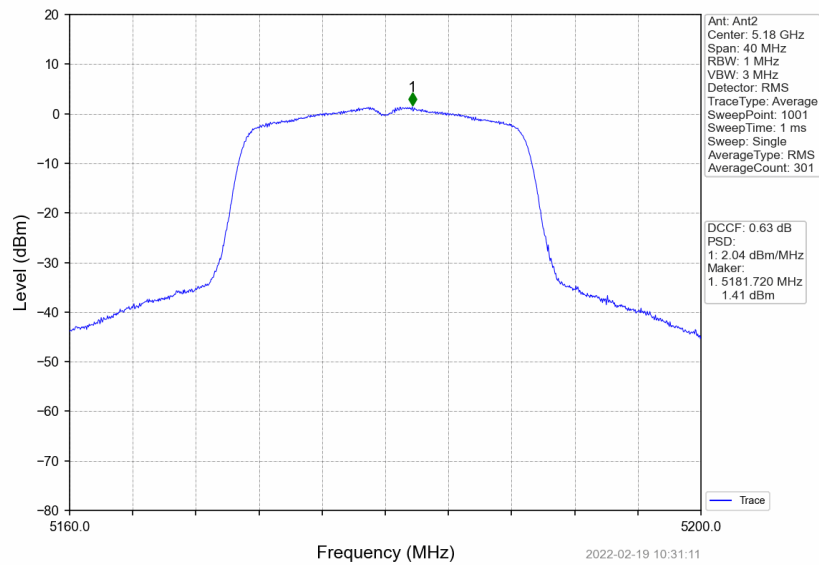
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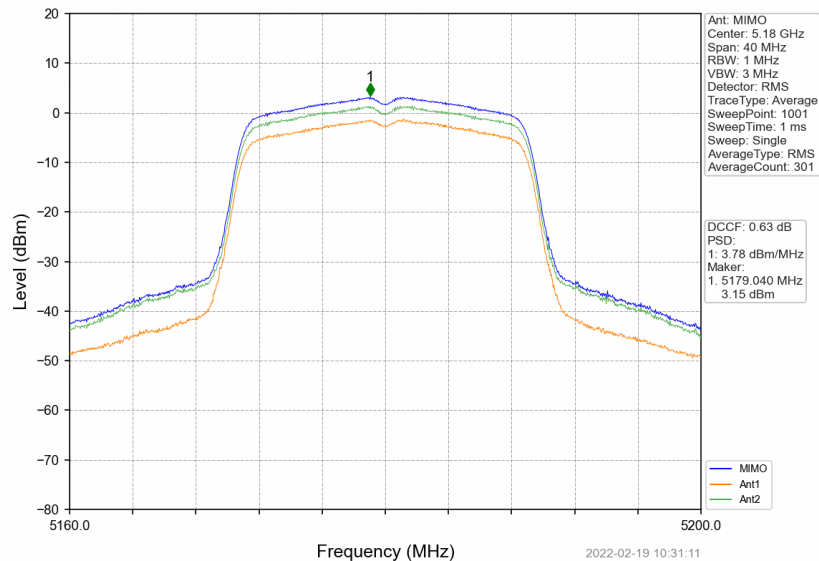
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802.11n(HT20)_LCH_5180MHz_MIMO_NTNV



802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



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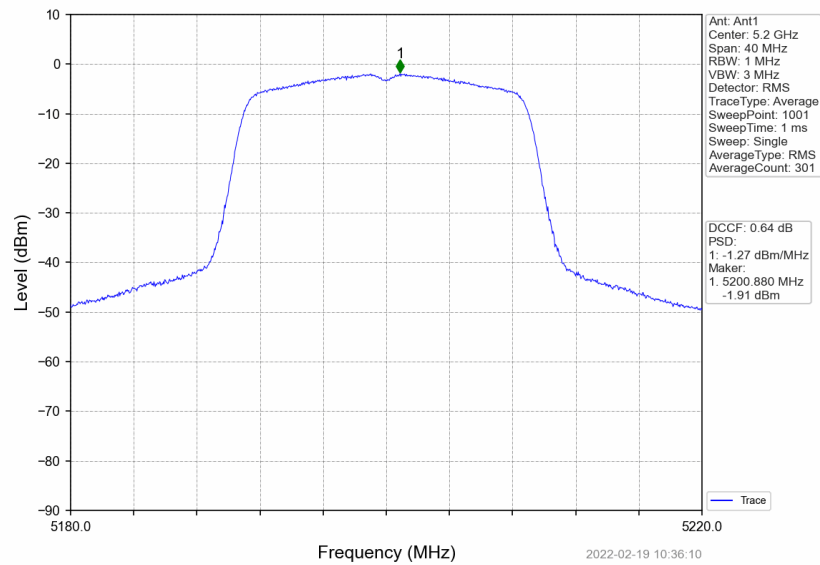
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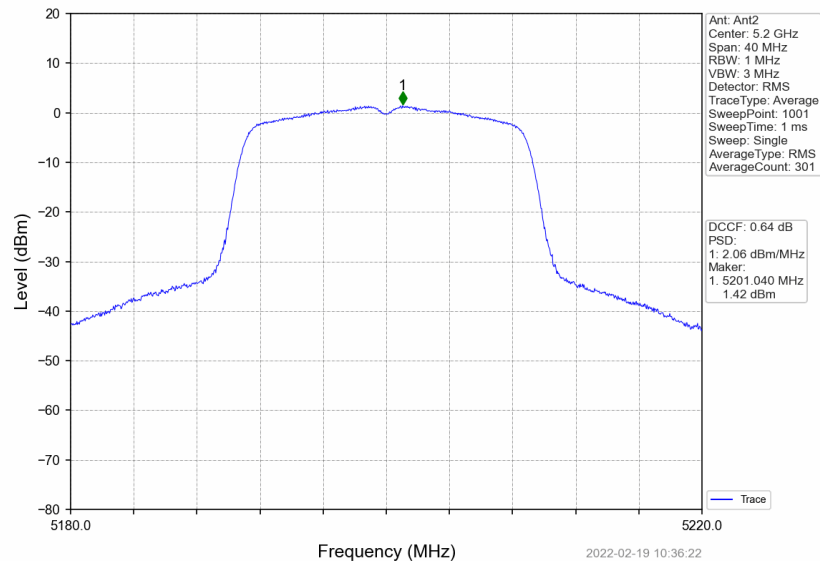
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802.11n(HT20) MCH 5200MHz MIMO NTN



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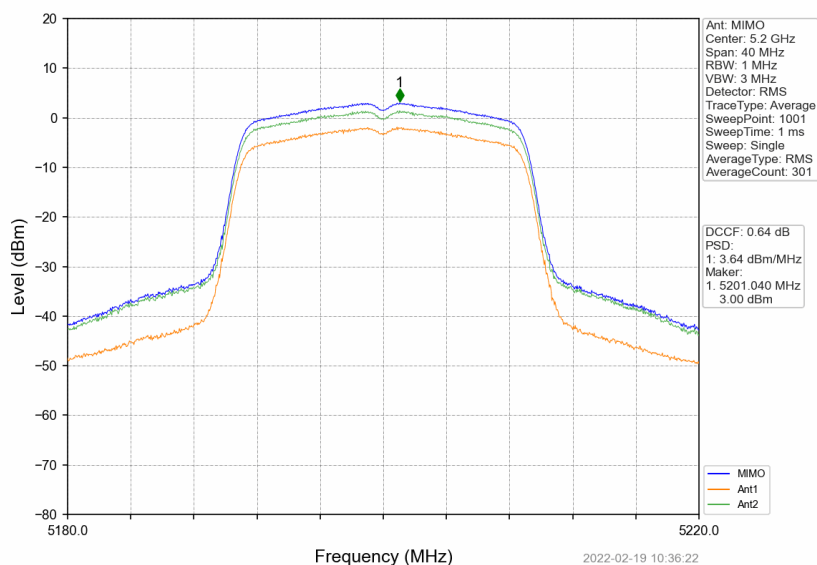
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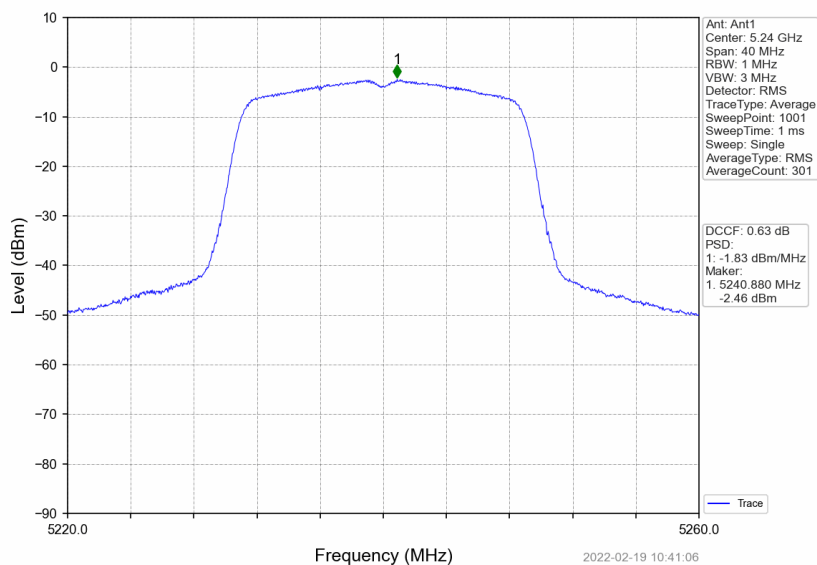
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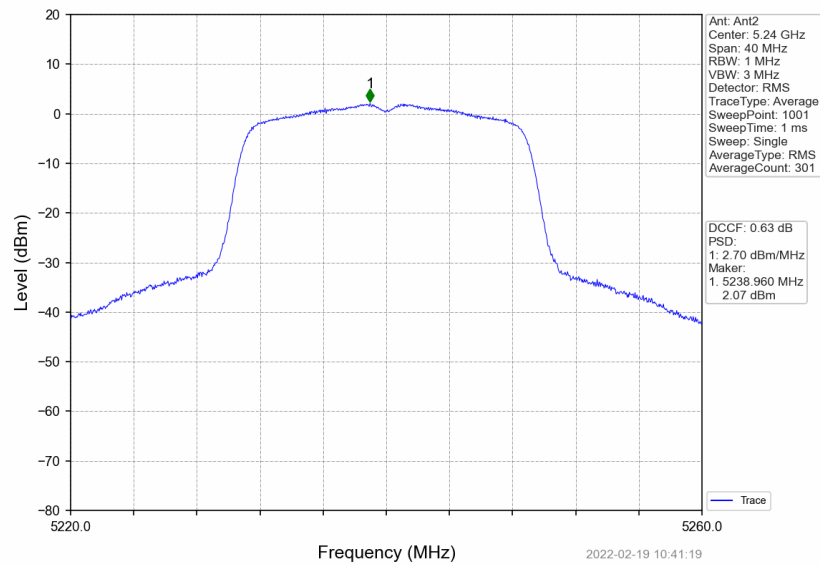
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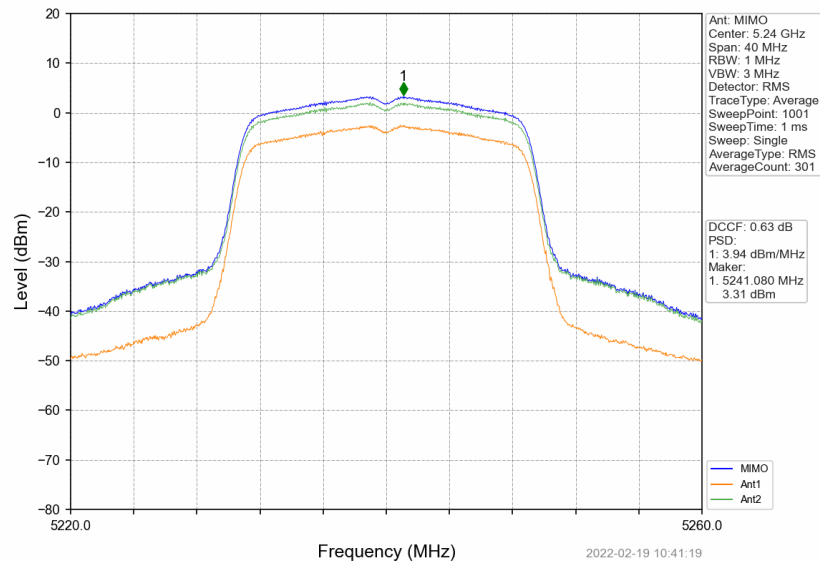
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802.11n(HT20) HCH 5240MHz MIMO NTNv



802.11n(HT40) LCH 5190MHz Ant1 NTNv



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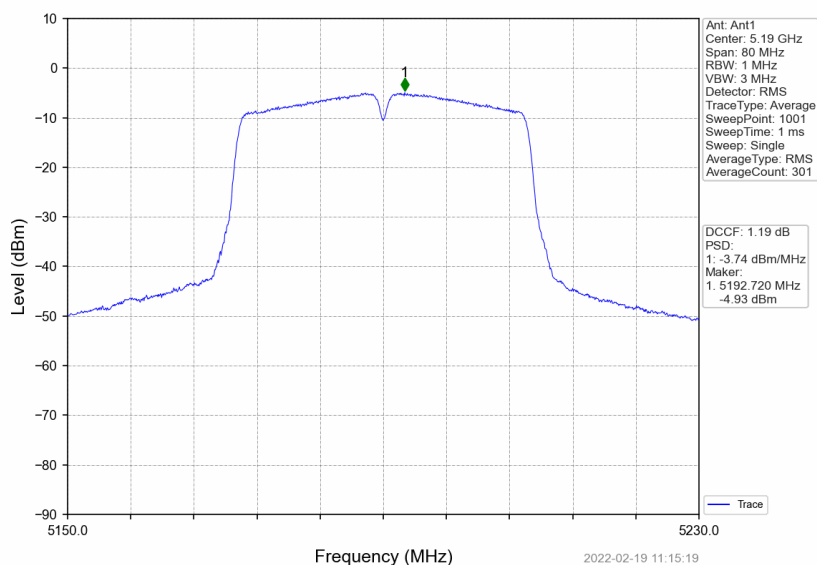
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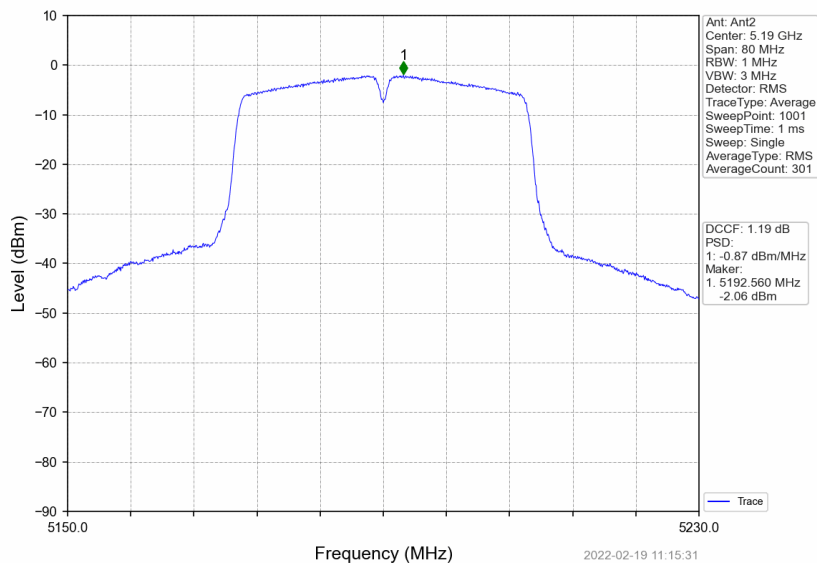
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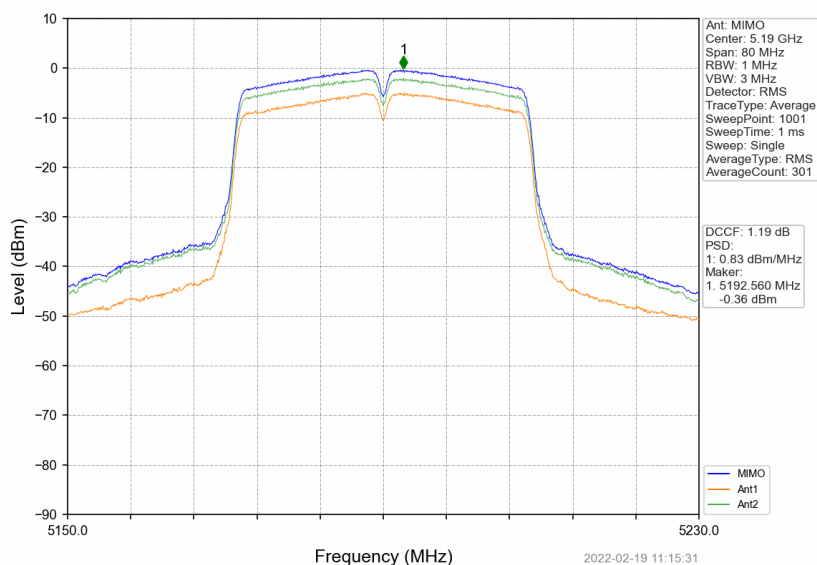
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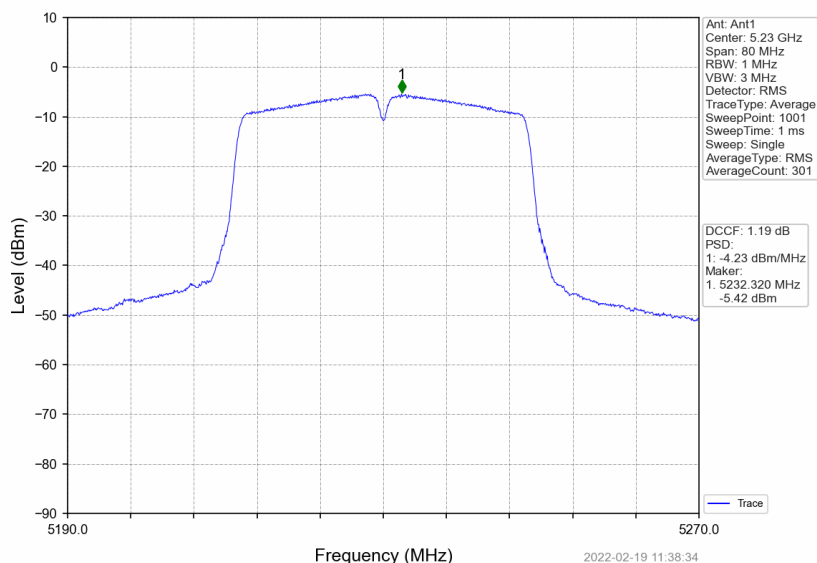
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802.11n(HT40) HCH 5230MHz Ant2 NTV



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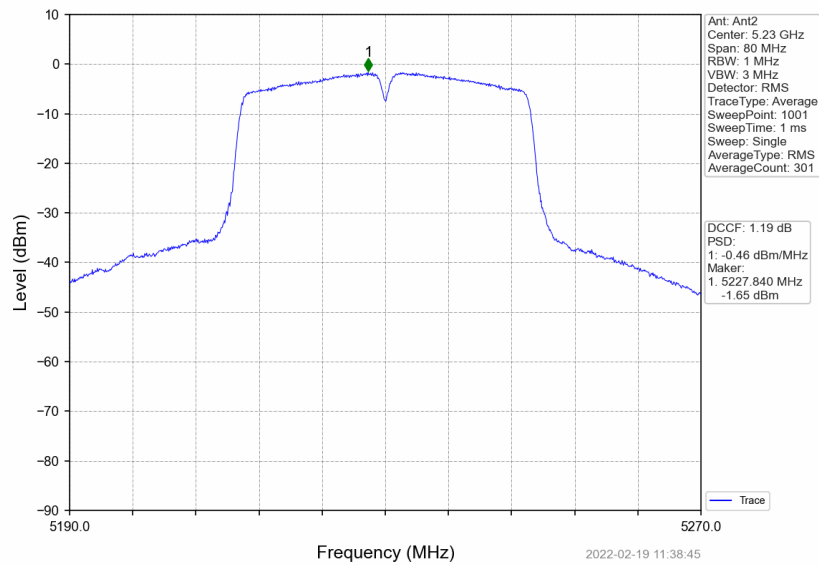
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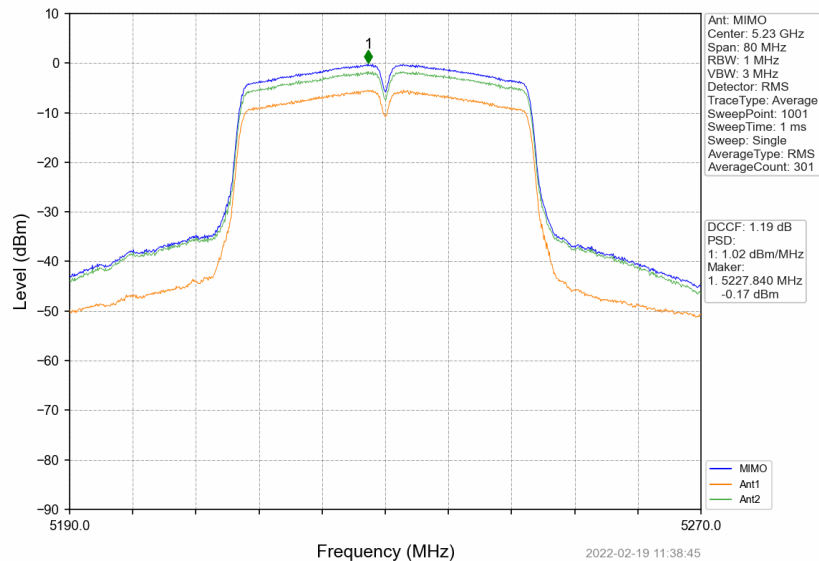
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802.11n(HT40) HCH 5230MHz MIMO NTNv



802.11ac(VHT20) LCH 5180MHz Ant1 NTNv



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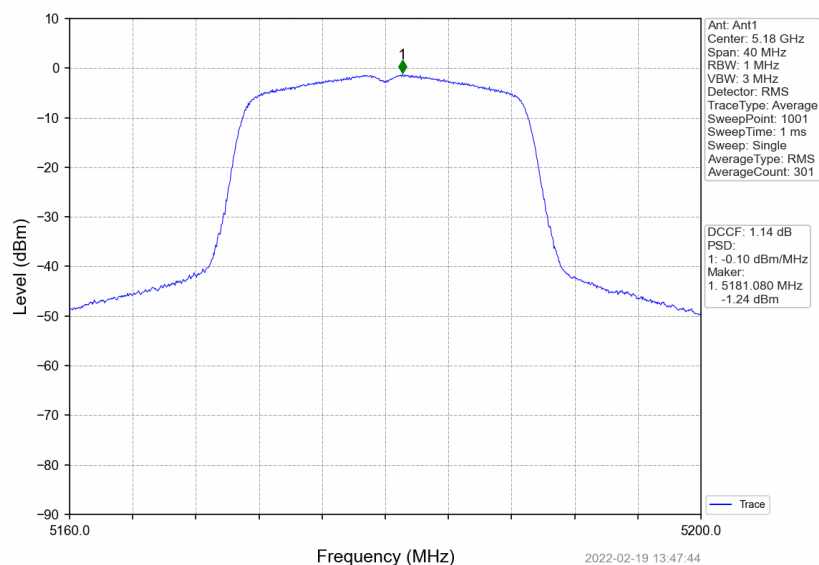
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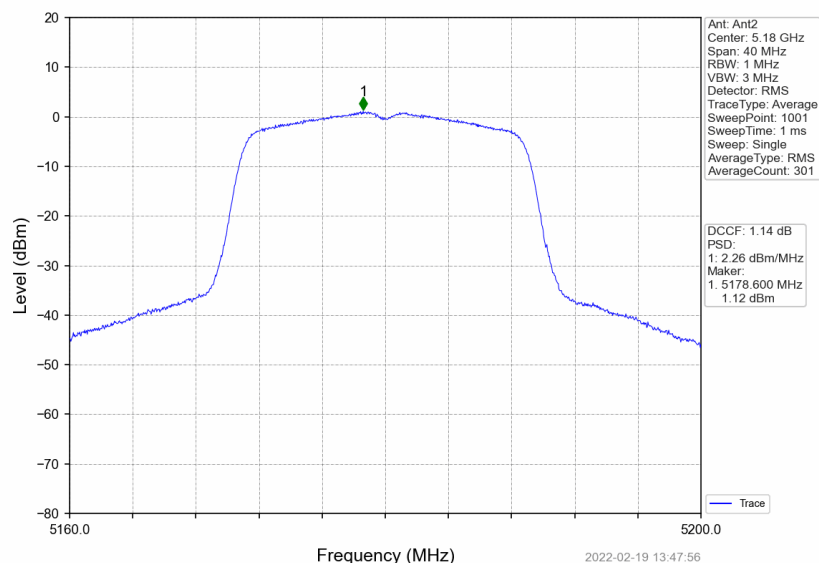
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802.11ac(VHT20) LCH 5180MHz Ant2 NTN



802.11ac(VHT20) LCH 5180MHz MIMO NTN



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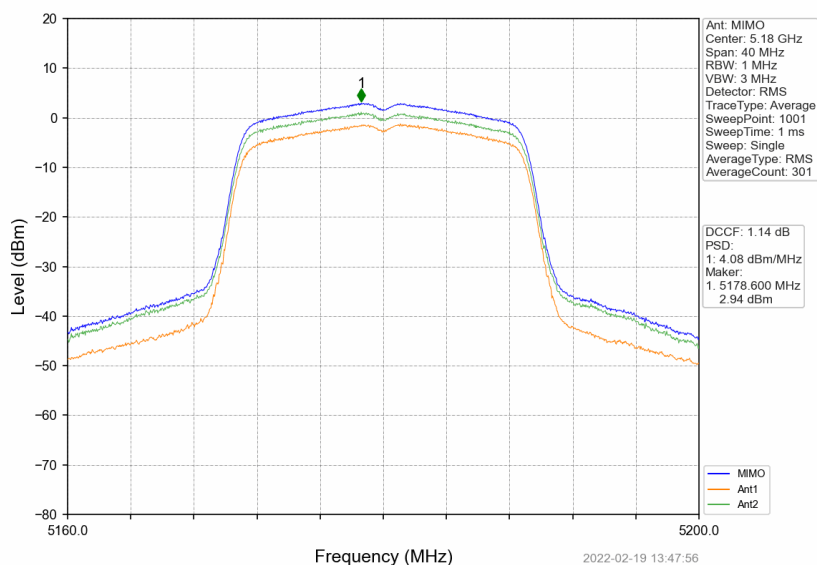
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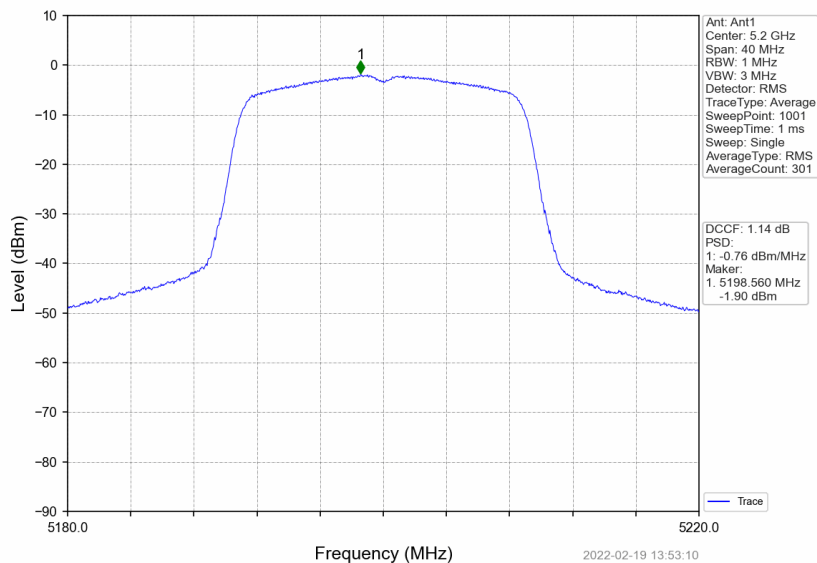
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802.11ac(VHT20) MCH 5200MHz Ant1 NTN



802.11ac(VHT20) MCH 5200MHz Ant2 NTN



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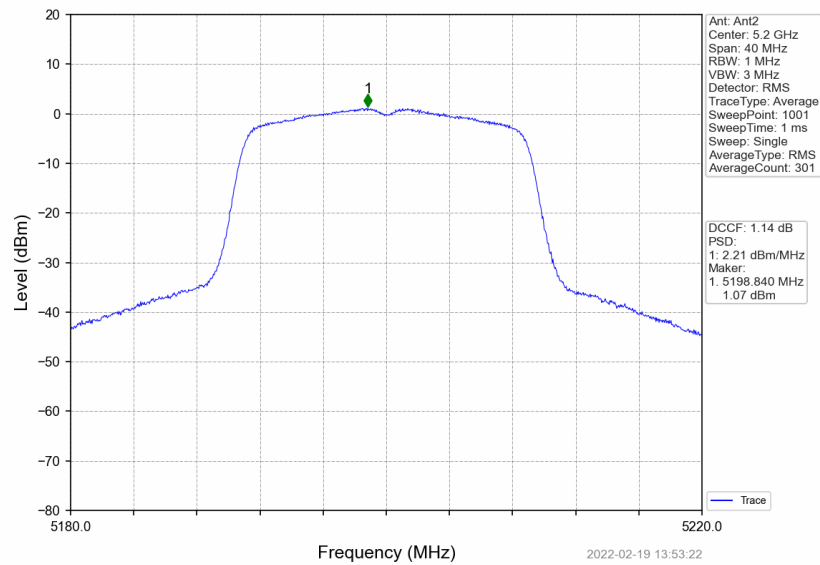
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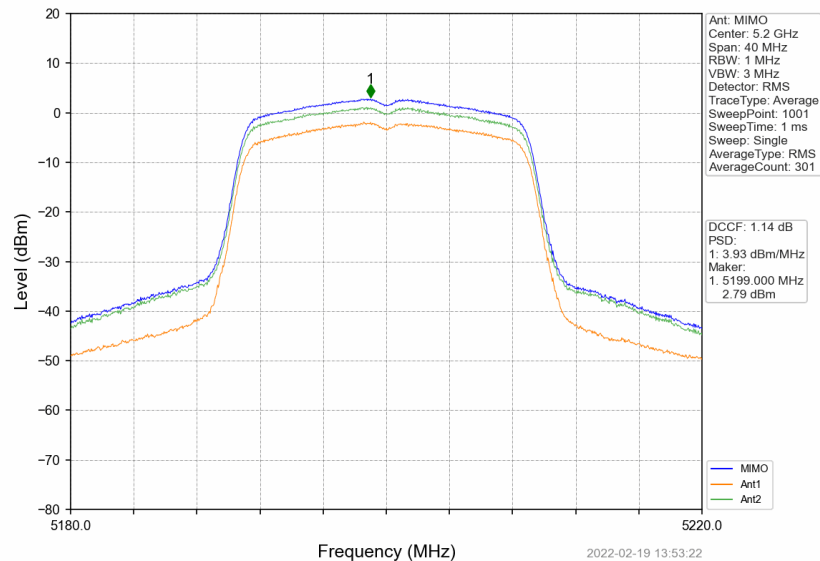
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802.11ac(VHT20) MCH 5200MHz MIMO NTN



802.11ac(VHT20) HCH 5240MHz Ant1 NTN



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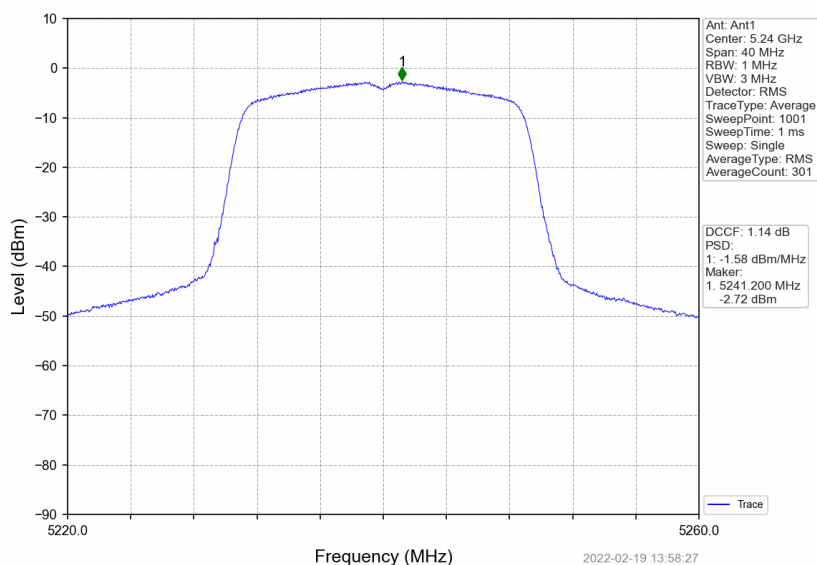
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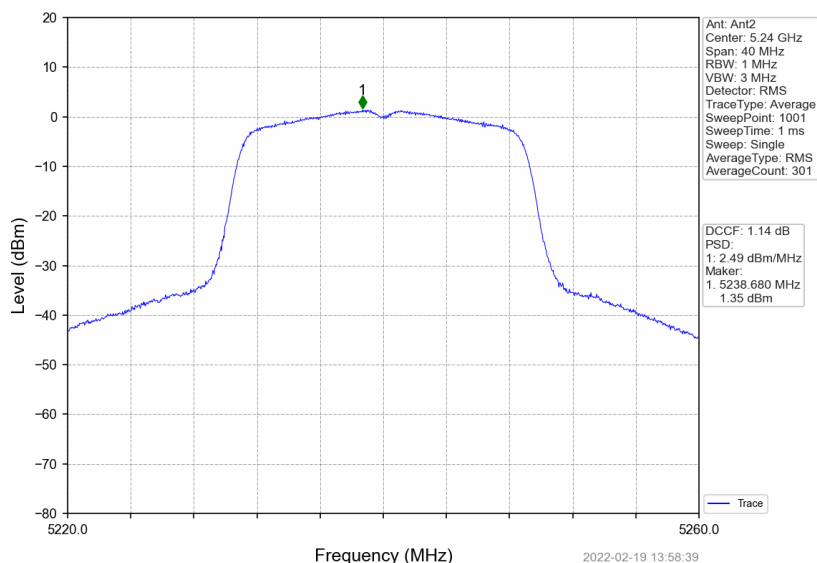
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802.11ac(VHT20) HCH 5240MHz Ant2 NTN



802.11ac(VHT20) HCH 5240MHz MIMO NTN



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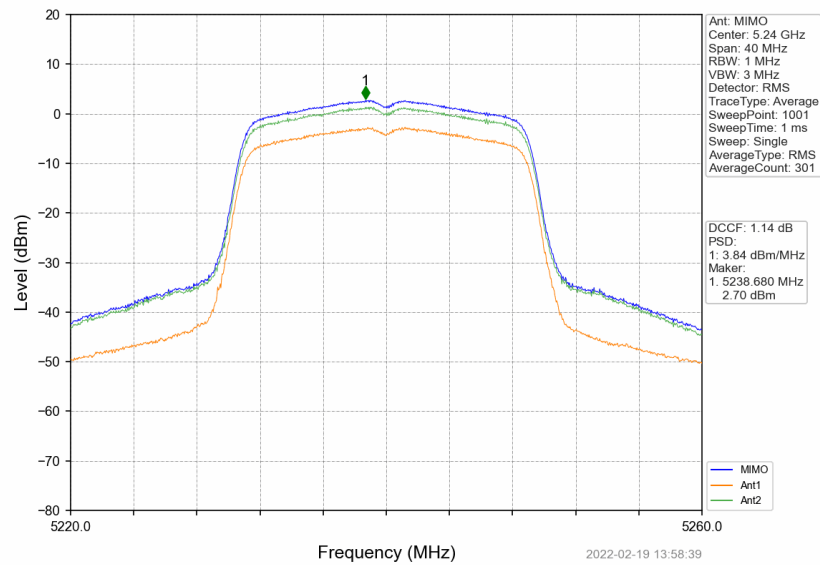
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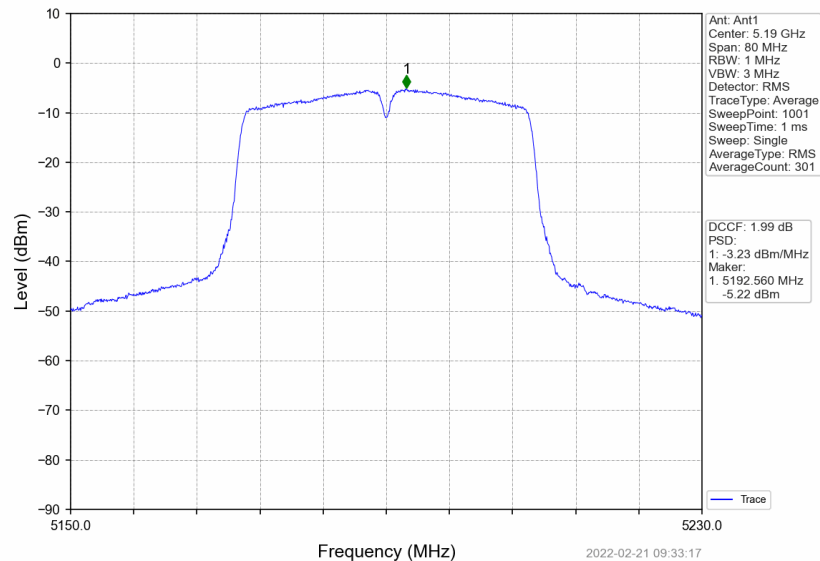
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802.11ac(VHT40) LCH 5190MHz Ant1 NTN



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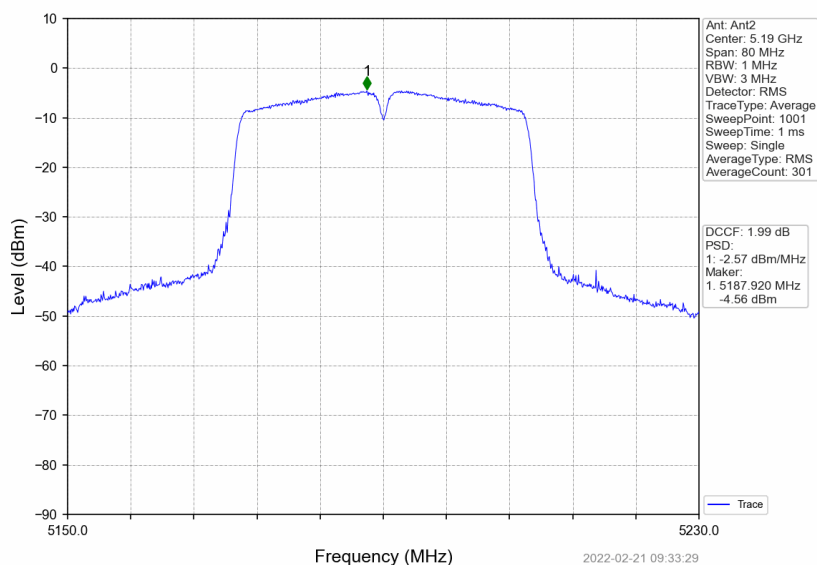
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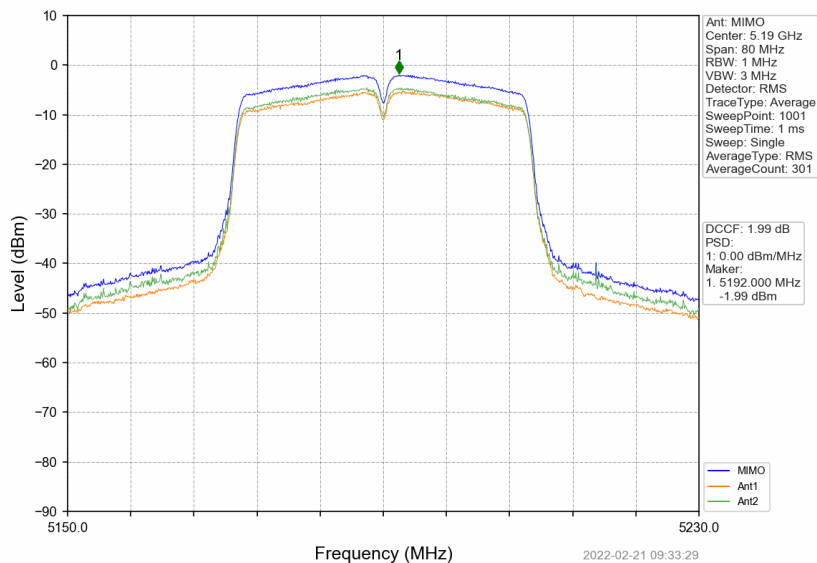
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802.11ac(VHT40)_LCH_5190MHz_MIMO_NTNV



802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



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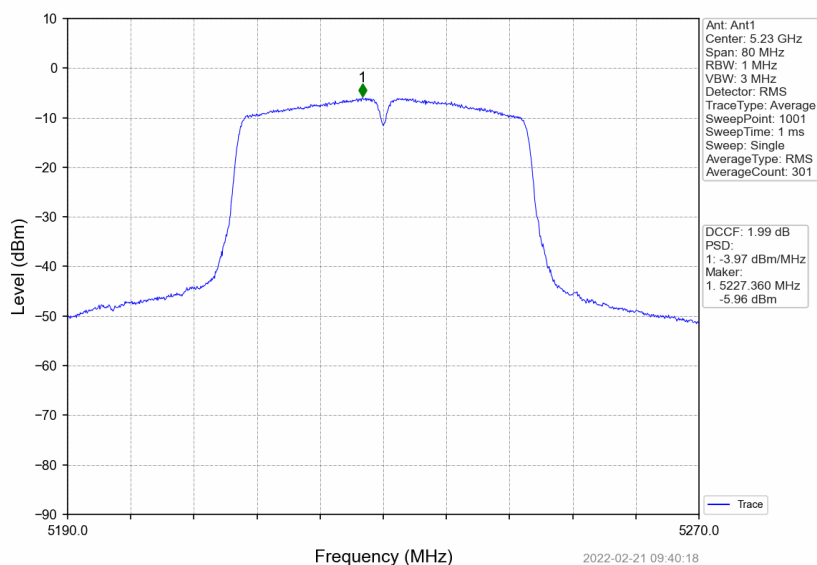
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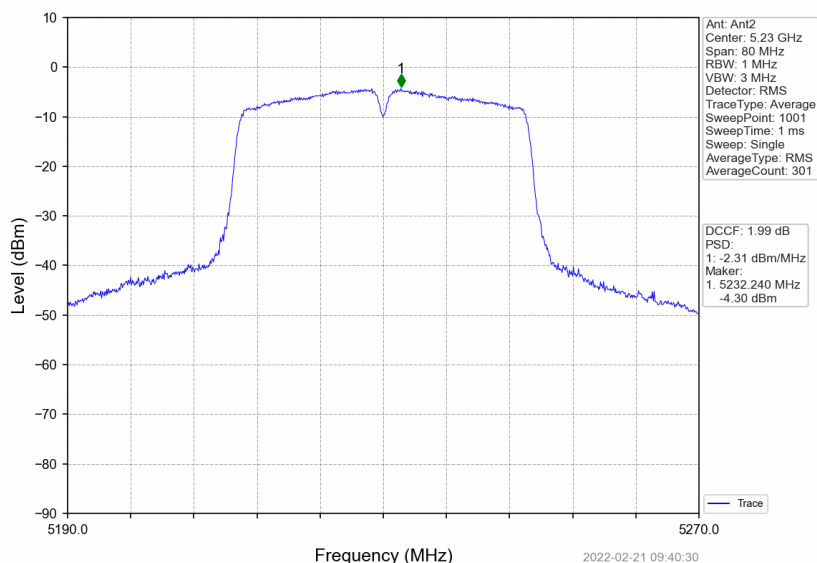
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802.11ac(VHT40) HCH 5230MHz Ant2 NTN



802.11ac(VHT40) HCH 5230MHz MIMO NTN



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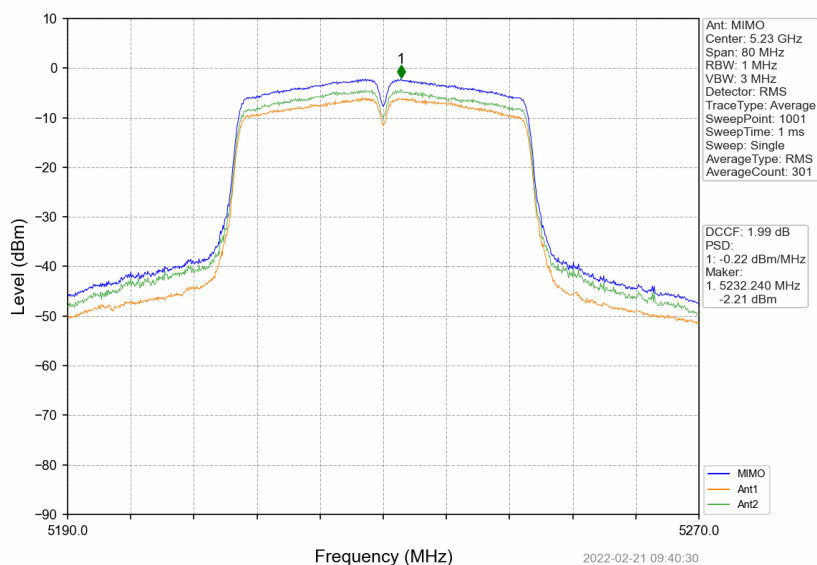
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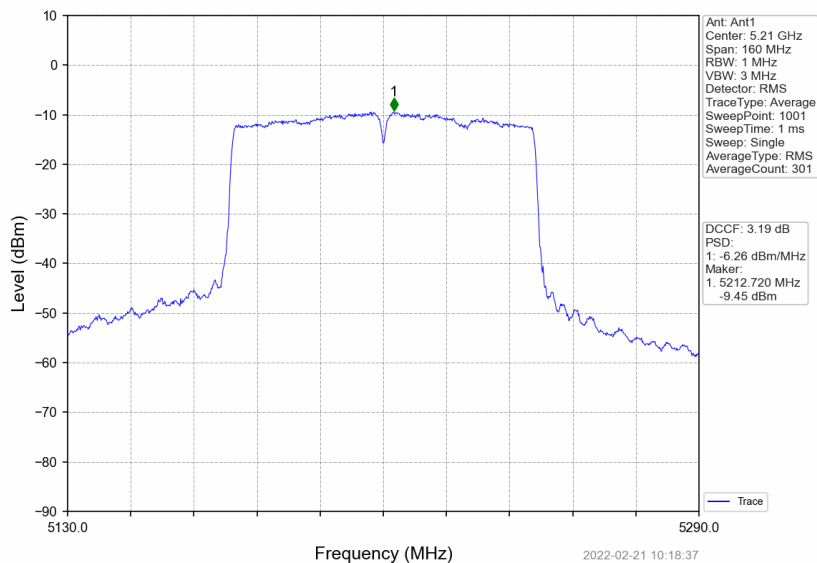
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802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant2_NTNV



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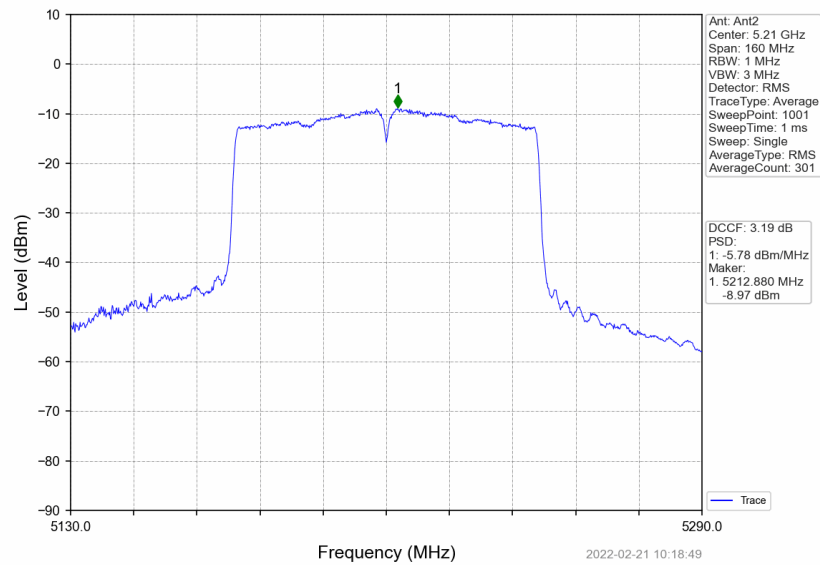
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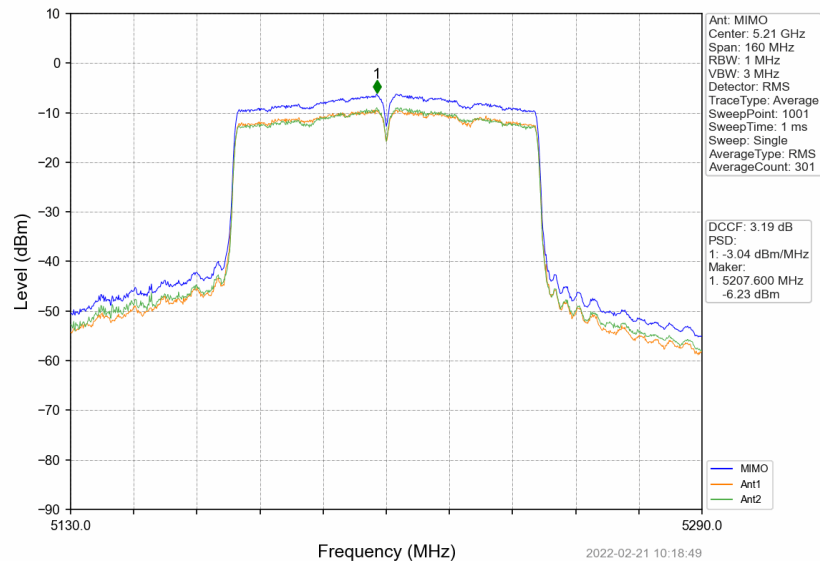
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802.11ac(VHT80)_MCH_5210MHz_MIMO_NTNV



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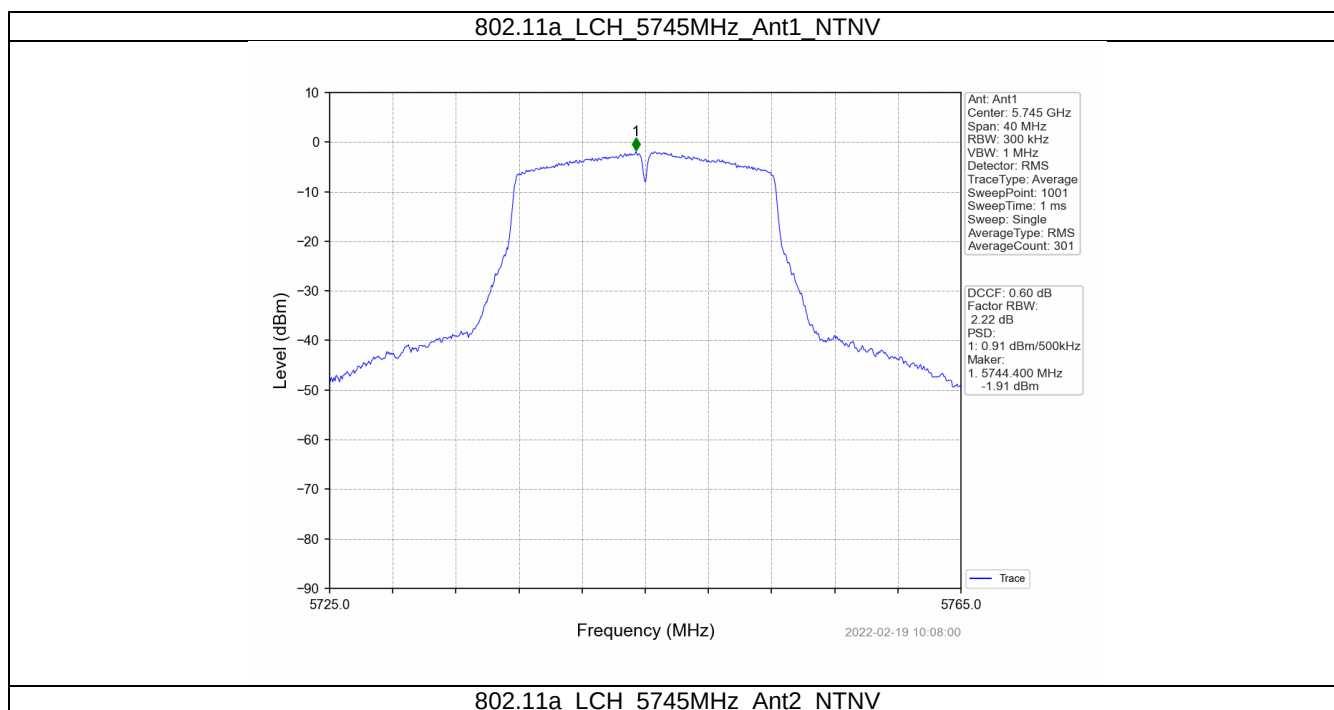
4.2 PSD-Band3

4.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)				Verdict
			Ant1	Ant2	MIMO	Limit	
802.11a	SISO	5745	0.91	0.16	/	<=30	Pass
		5785	0.94	-0.38	/	<=30	Pass
		5825	0.13	-0.59	/	<=30	Pass
802.11n (HT20)	MIMO	5745	-4.19	-0.31	1.09	<=29.83	Pass
		5785	-5.19	-1.23	0.18	<=29.83	Pass
		5825	-5.58	-1.44	-0.22	<=29.83	Pass
802.11n (HT40)	MIMO	5755	-7.19	-3.83	-2.20	<=29.83	Pass
		5795	-7.53	-4.30	-2.61	<=29.83	Pass
802.11ac (VHT20)	MIMO	5745	-3.69	-0.51	1.09	<=29.83	Pass
		5785	-4.56	-1.02	0.51	<=29.83	Pass
		5825	-5.11	-1.24	0.17	<=29.83	Pass
802.11ac (VHT40)	MIMO	5755	-6.43	-4.79	-2.60	<=29.83	Pass
		5795	-7.04	-5.05	-2.92	<=29.83	Pass
802.11ac (VHT80)	MIMO	5775	-5.44	-5.50	-2.66	<=29.83	Pass

Note1: Antenna Gain: Ant1: 3.17dBi; Ant2: 3.14dBi;
Note2: Directional Gain: 6.17dBi

4.2.2 Test Graph



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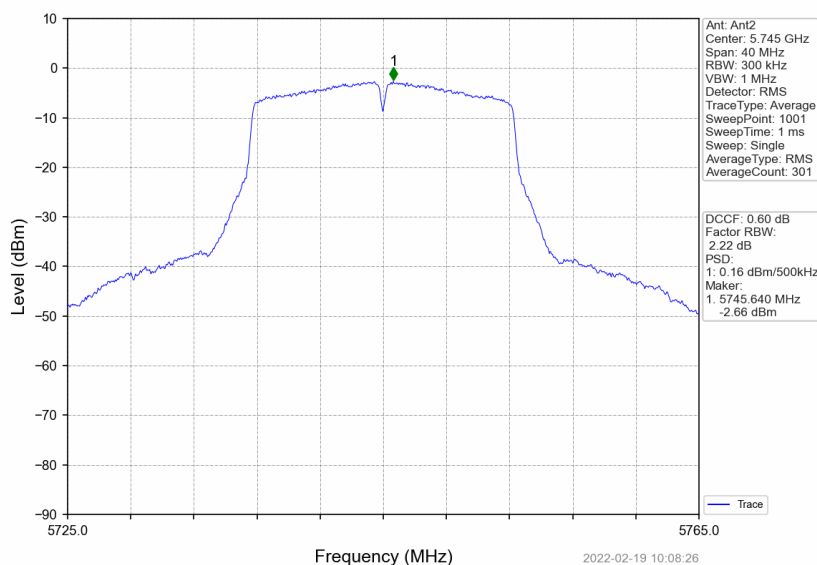
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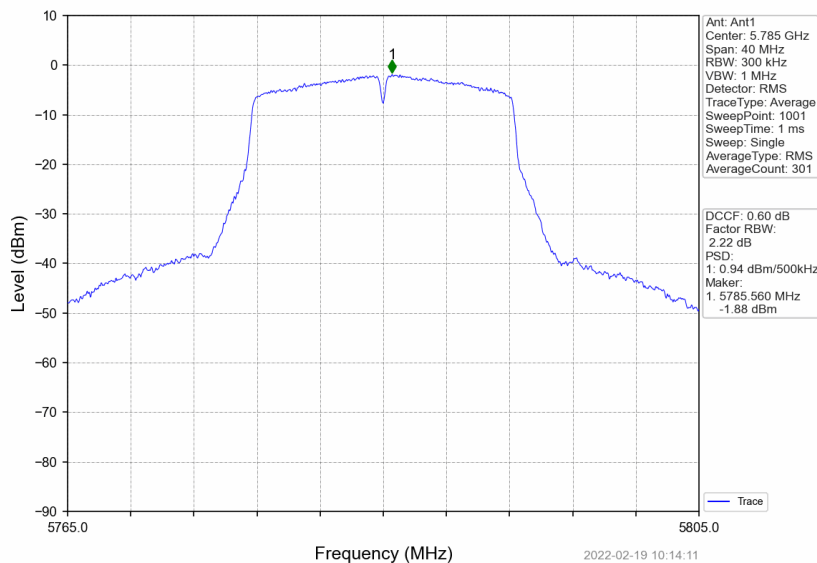
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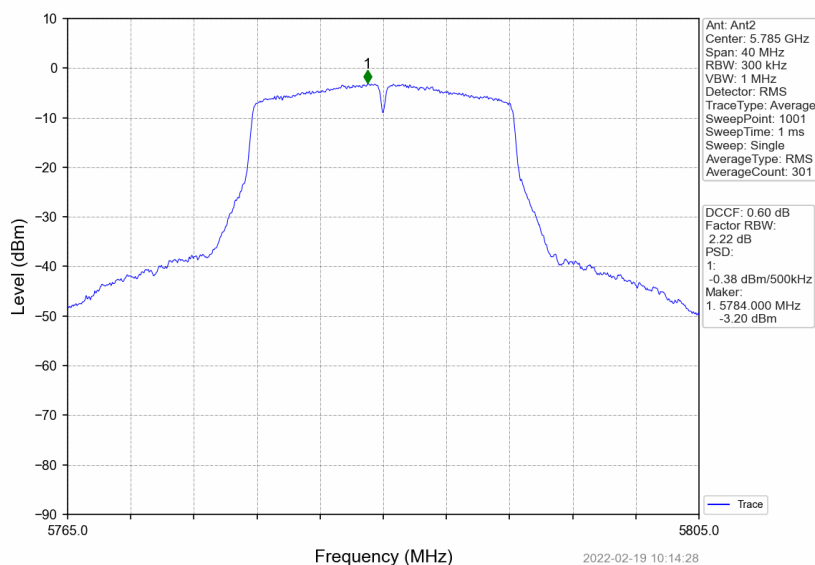
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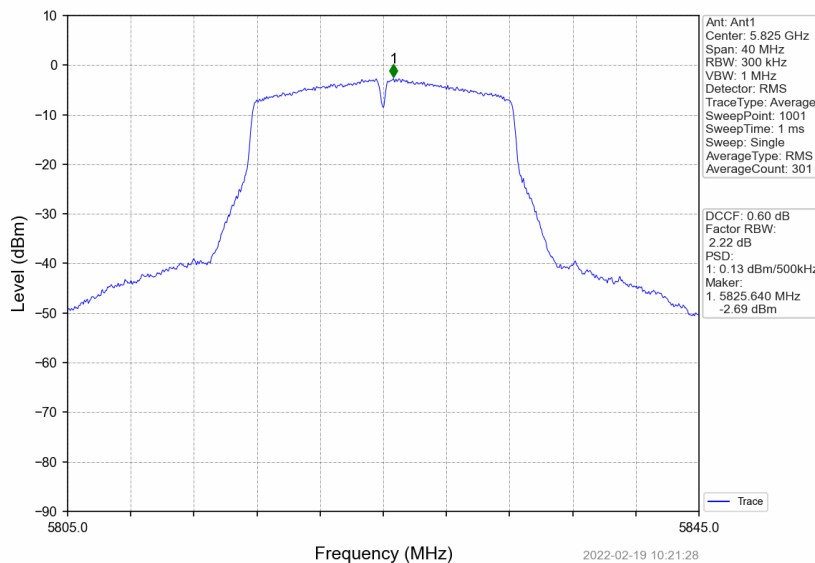
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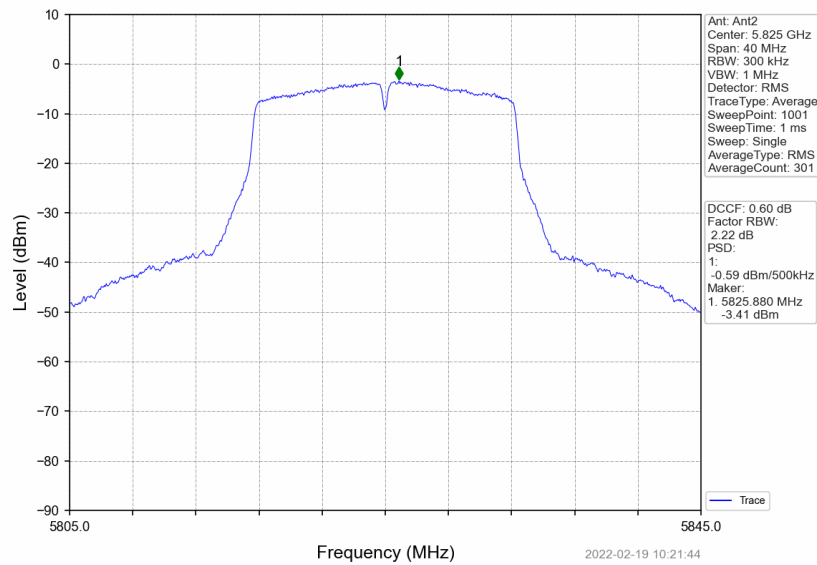
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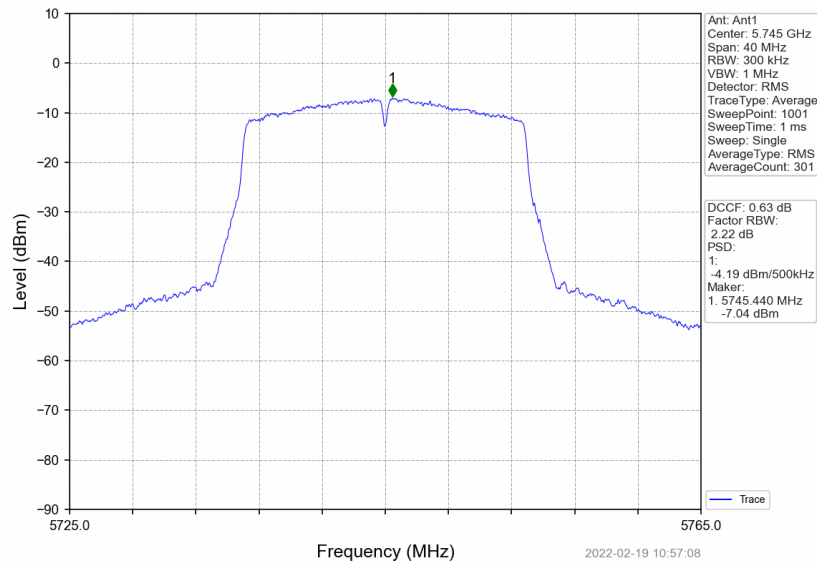
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802.11n(HT20) LCH 5745MHz Ant2 NTV



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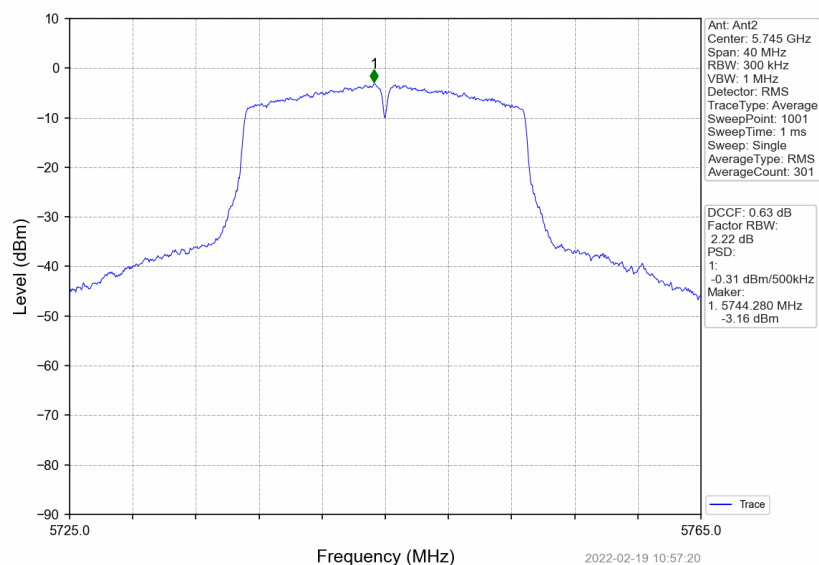
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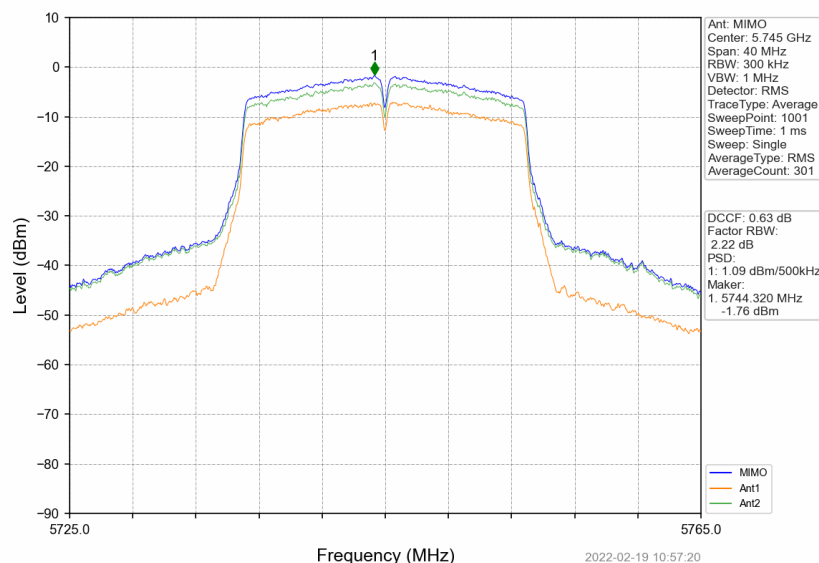
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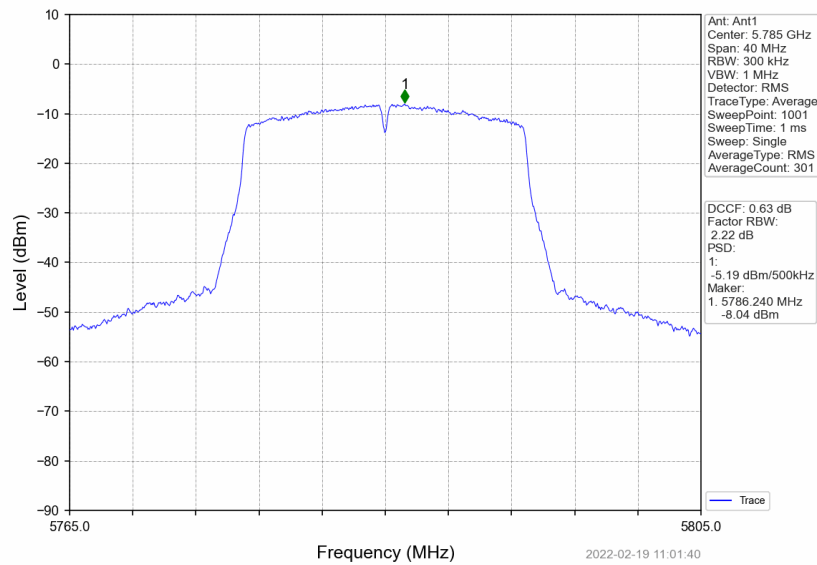
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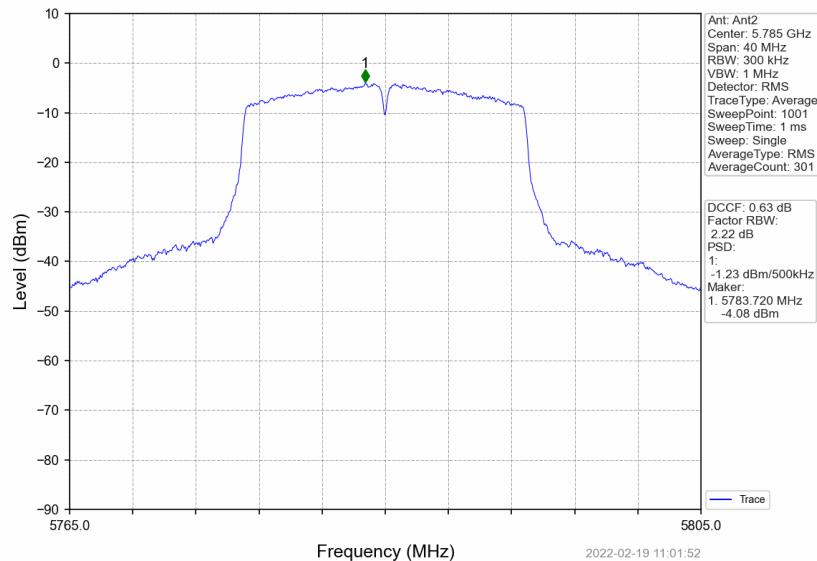
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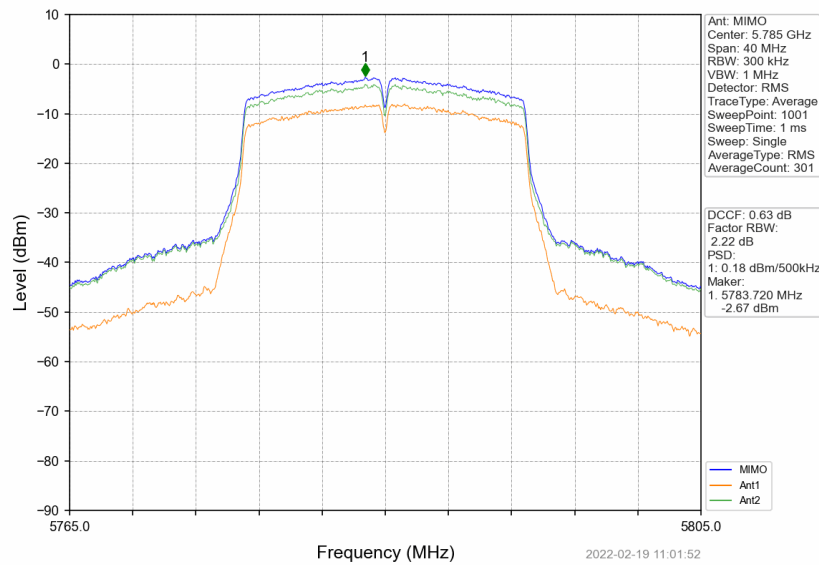
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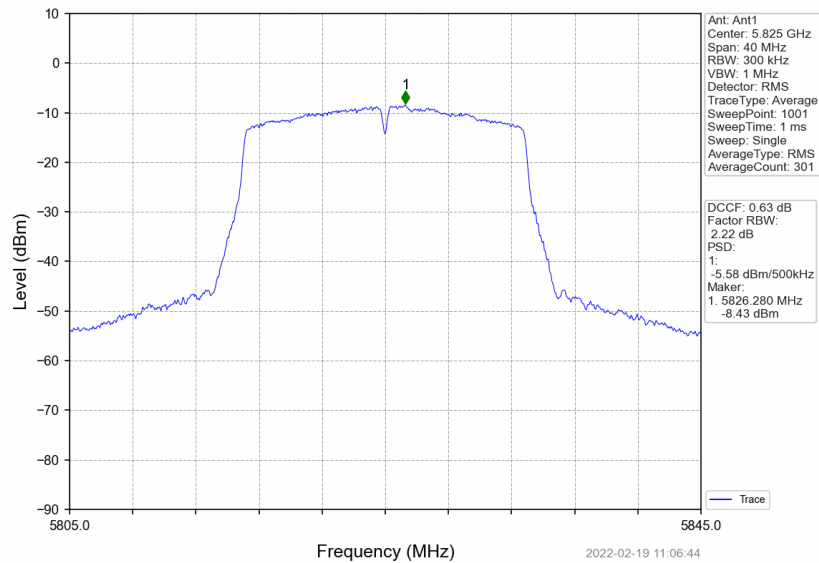
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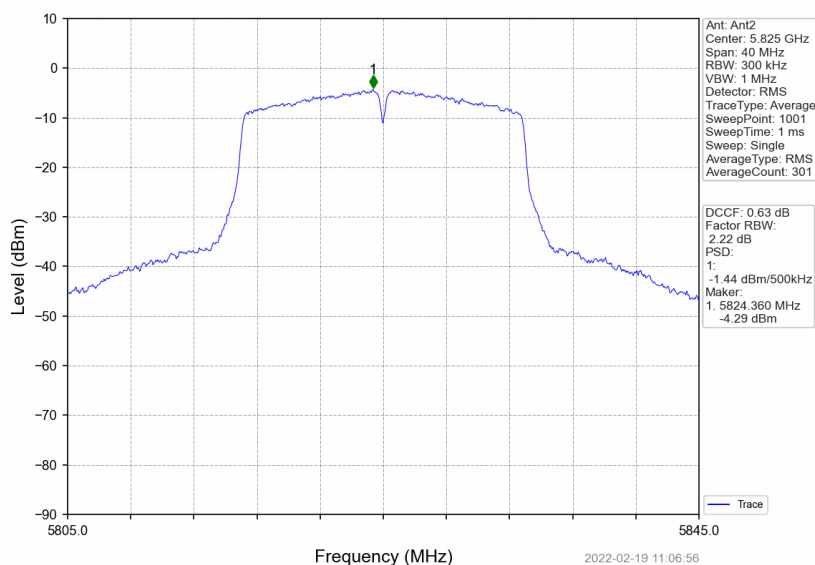
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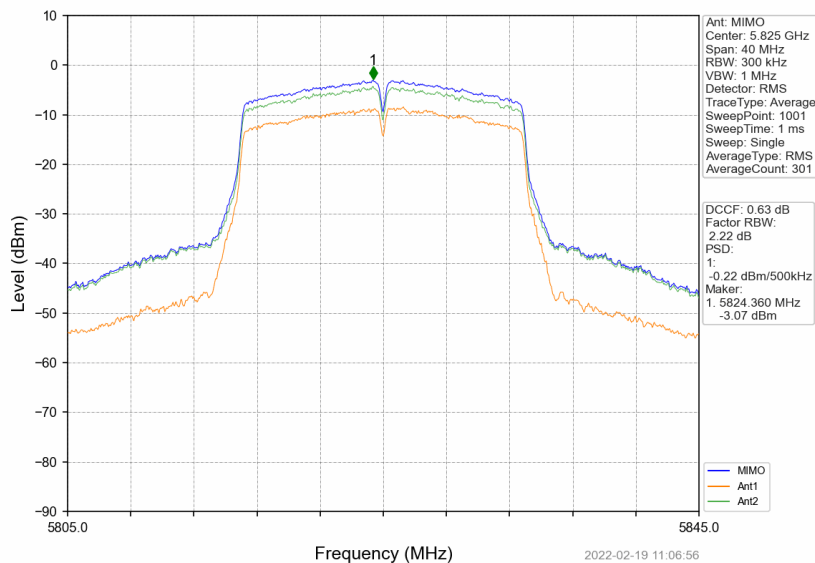
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802.11n(HT20) HCH 5825MHz MIMO NTN



802.11n(HT40) LCH 5755MHz Ant1 NTN



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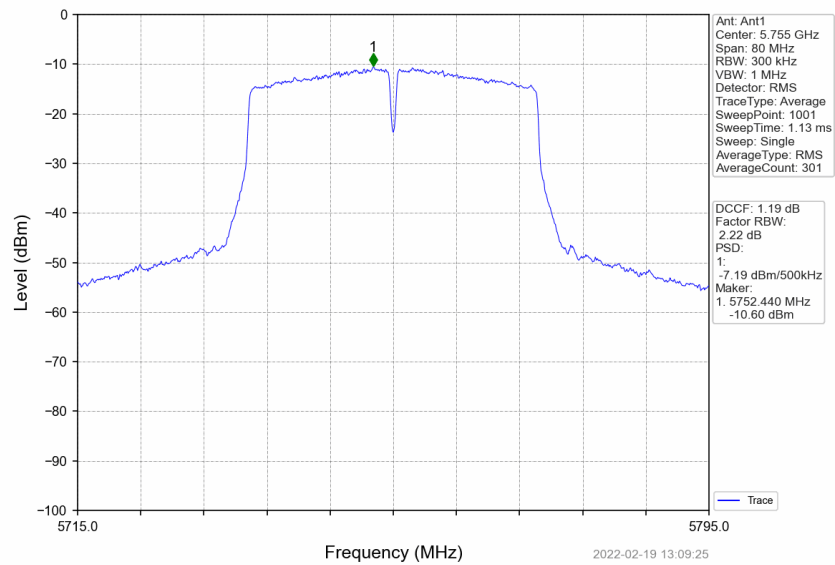
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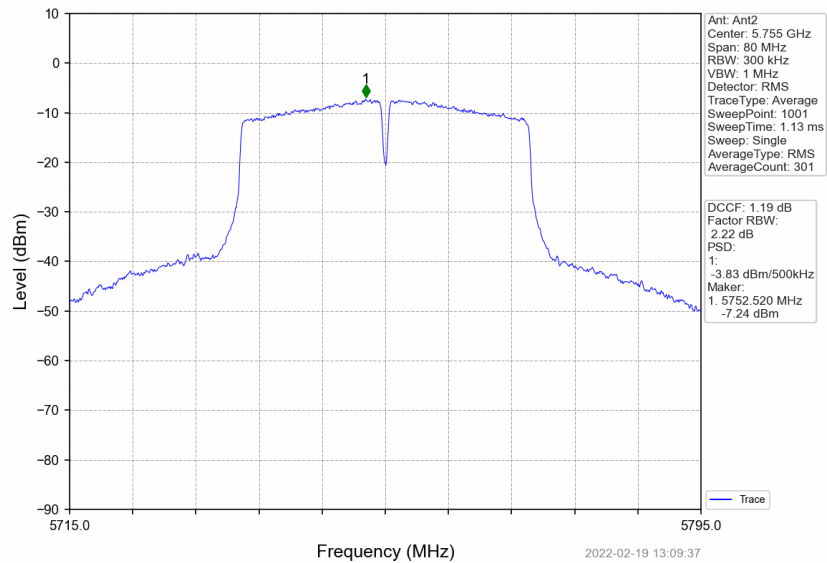
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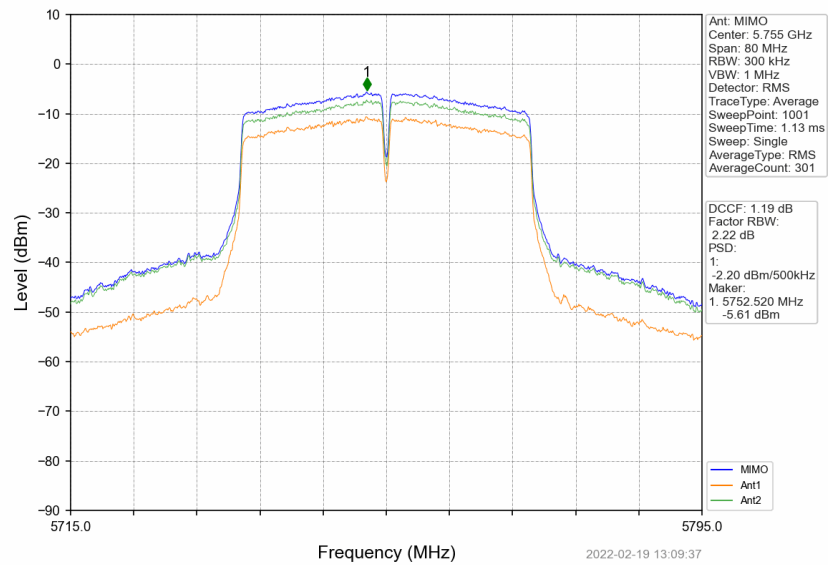
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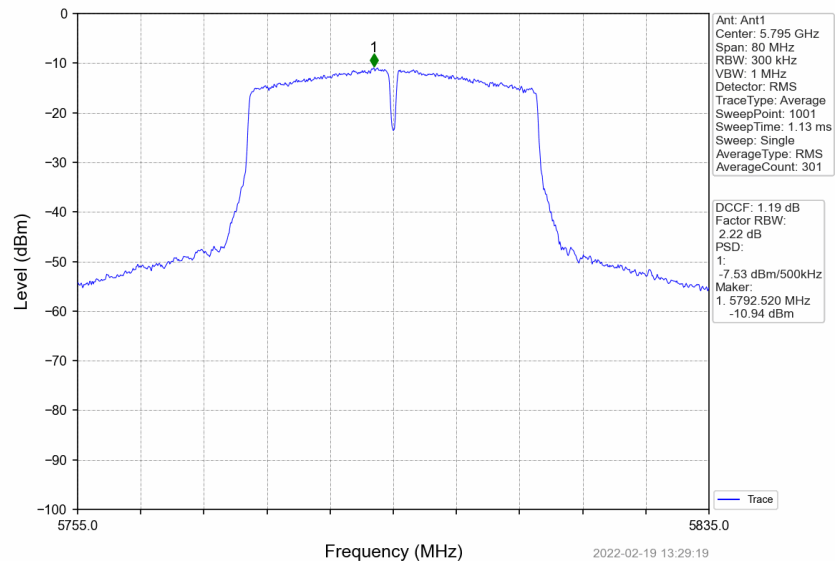
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802.11n(HT40) HCH 5795MHz Ant2 NTV



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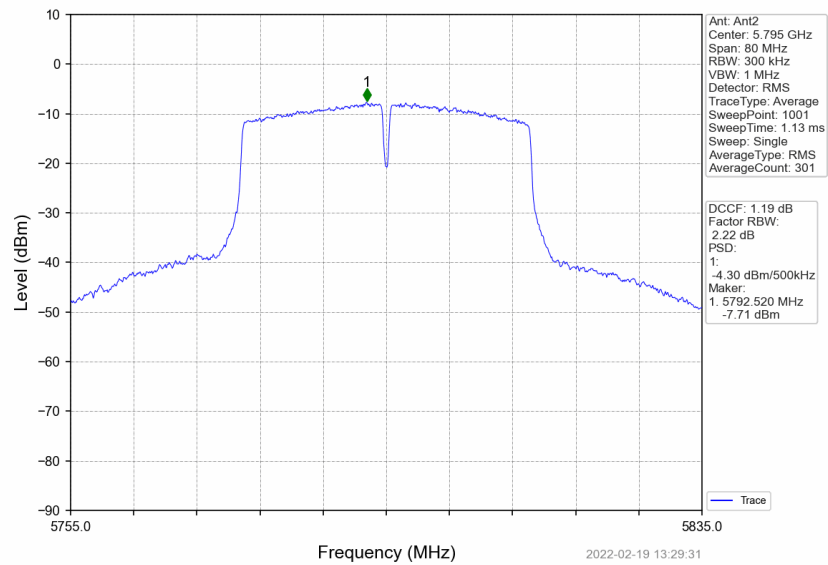
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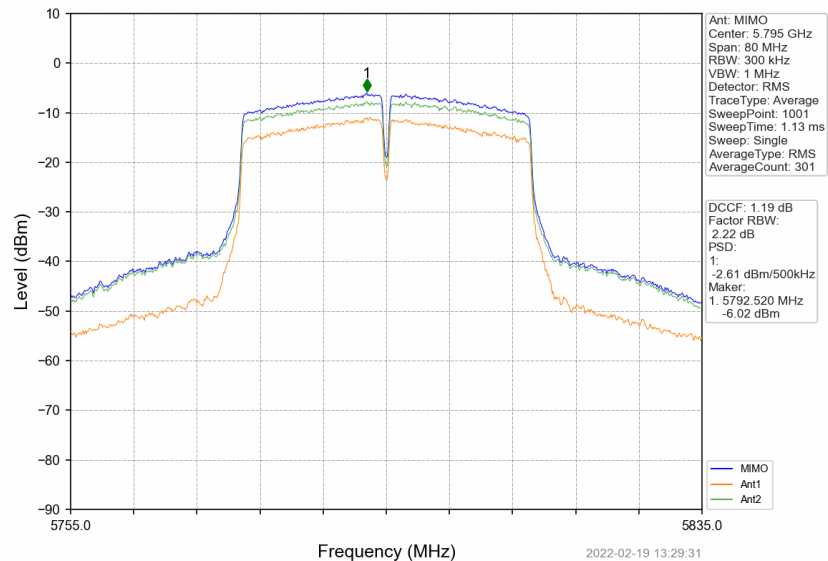
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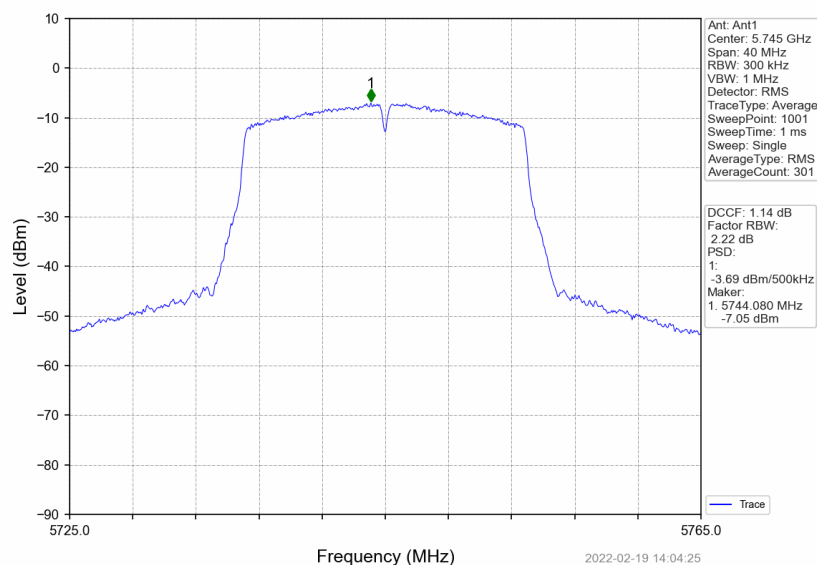
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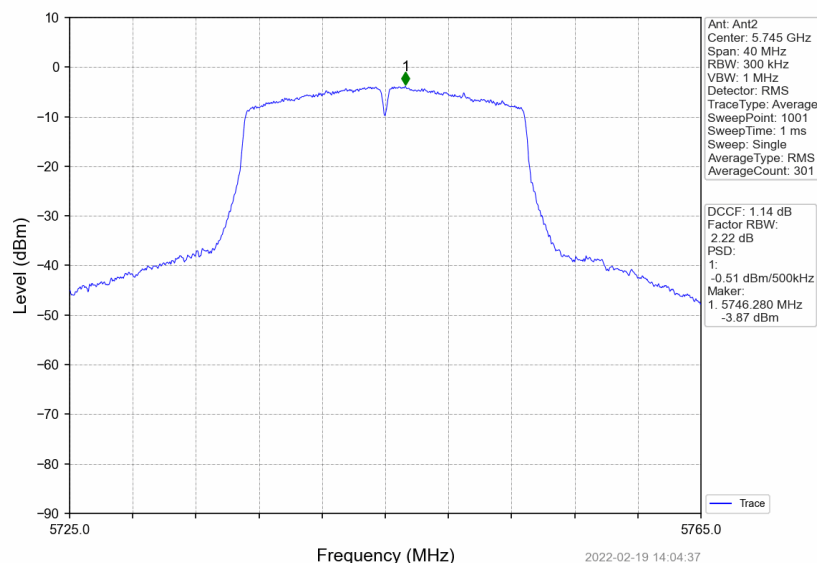
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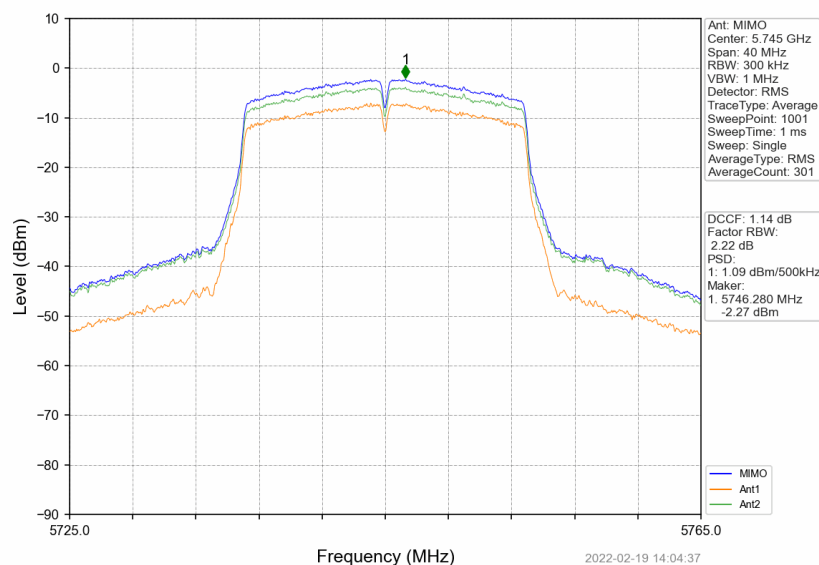
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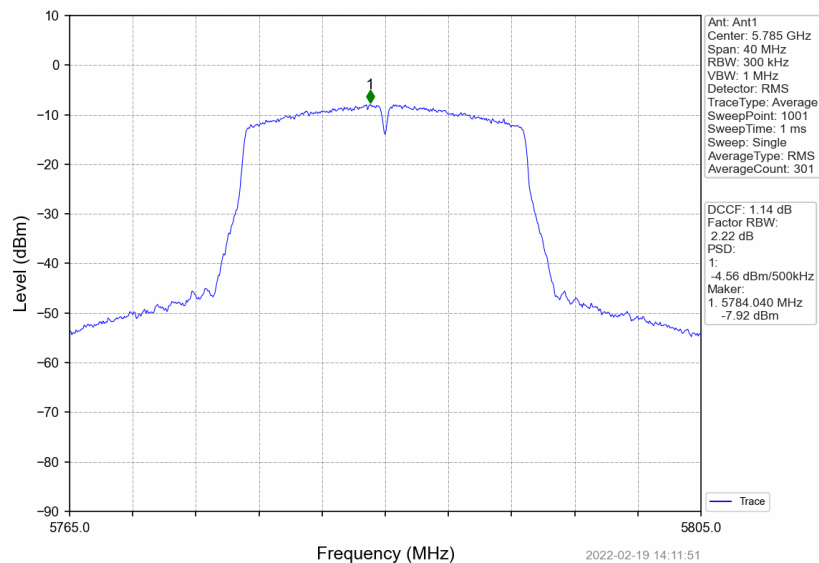
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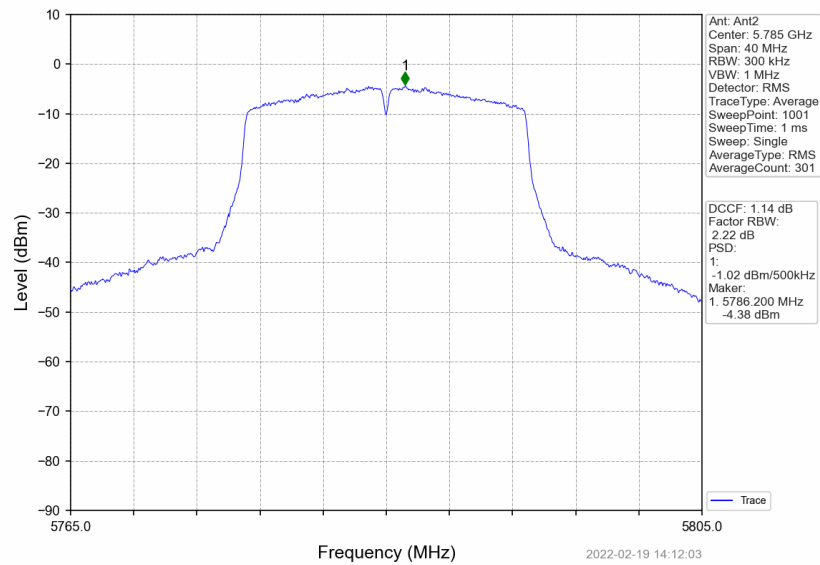
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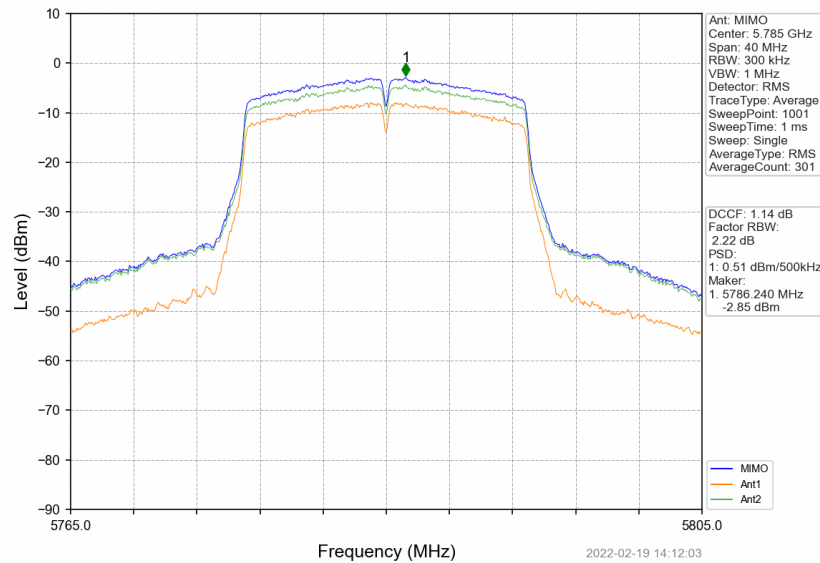
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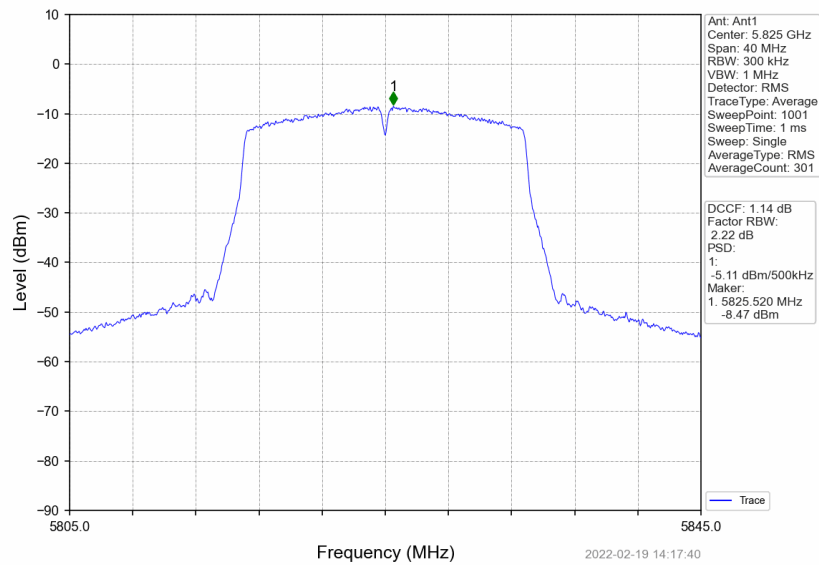
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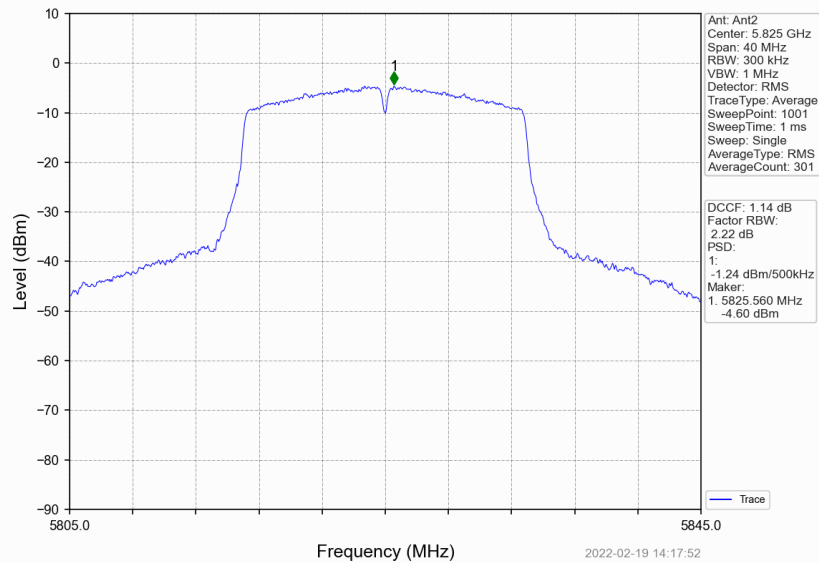
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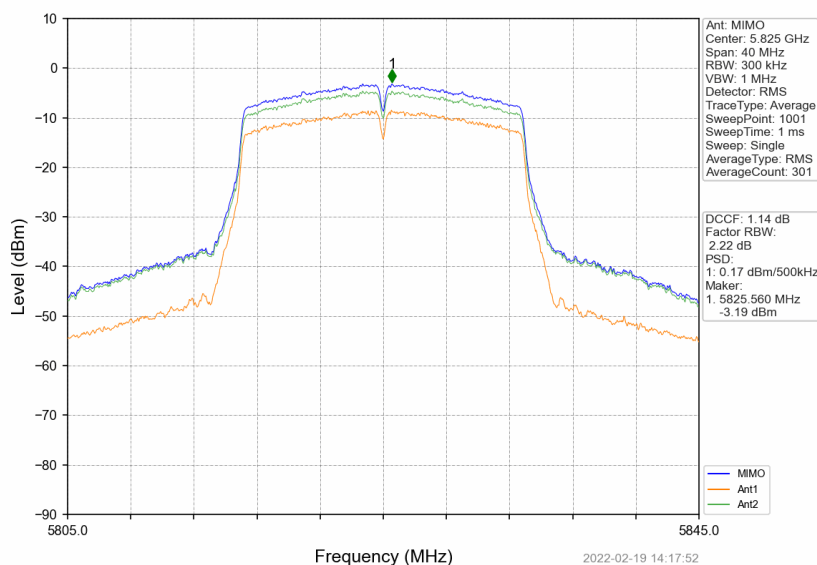
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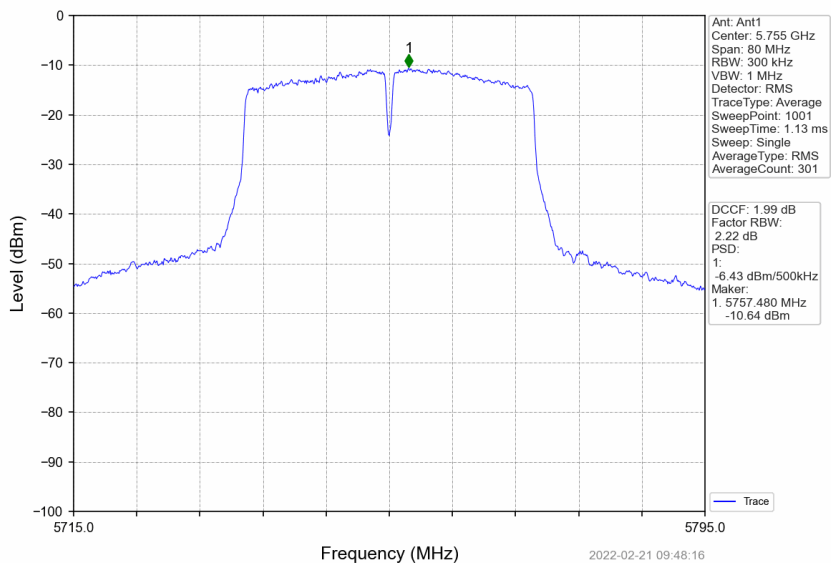
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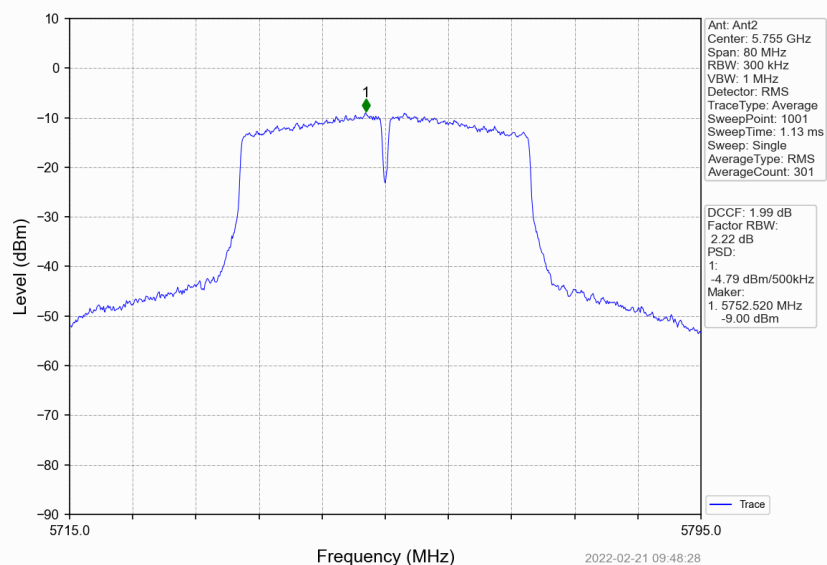
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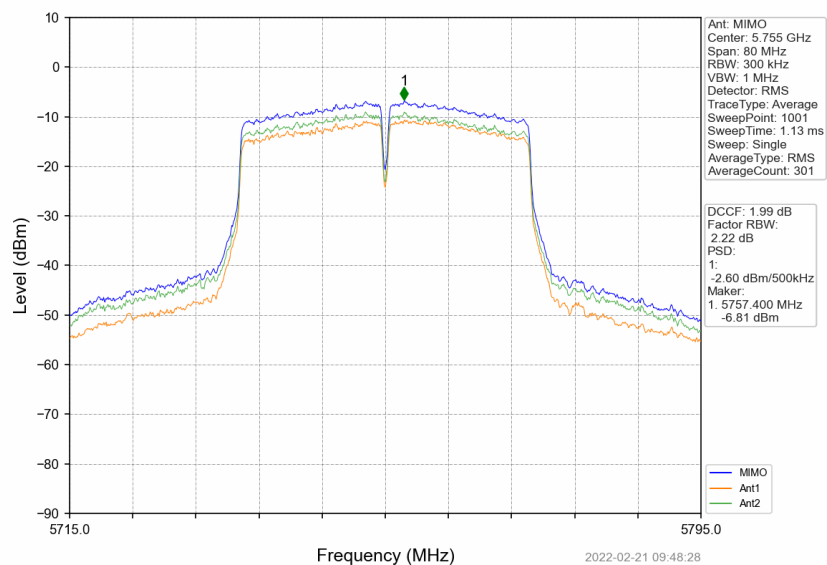
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802.11ac(VHT40) LCH 5755MHz MIMO NTN



802.11ac(VHT40) HCH 5795MHz Ant1 NTN



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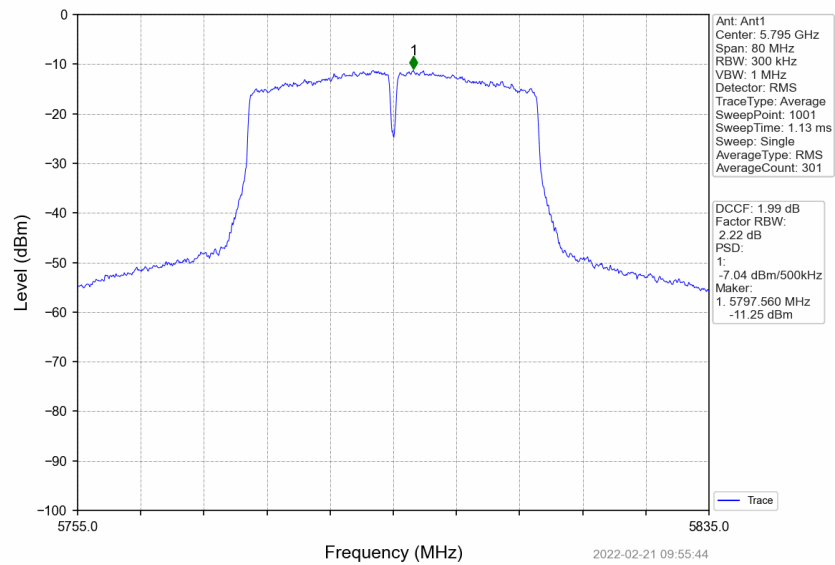
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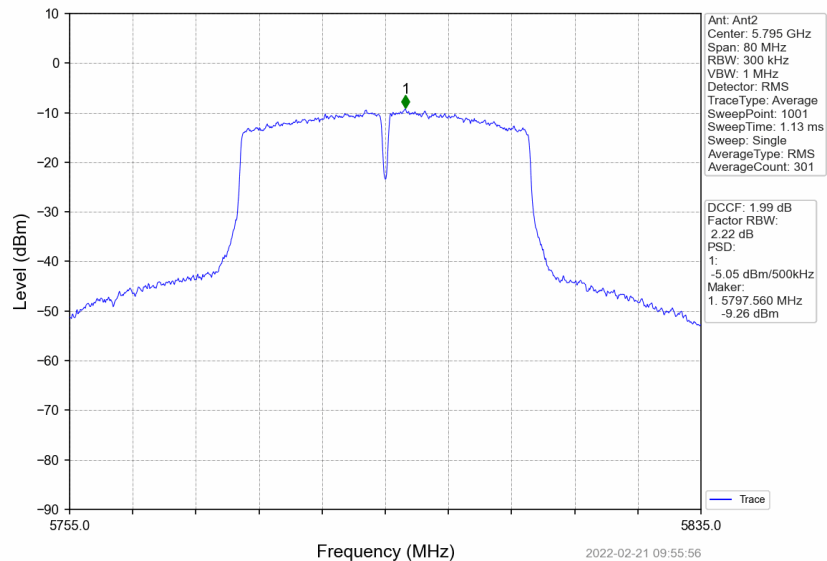
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802.11ac(VHT40) HCH 5795MHz Ant2 NTN



802.11ac(VHT40) HCH 5795MHz MIMO NTN



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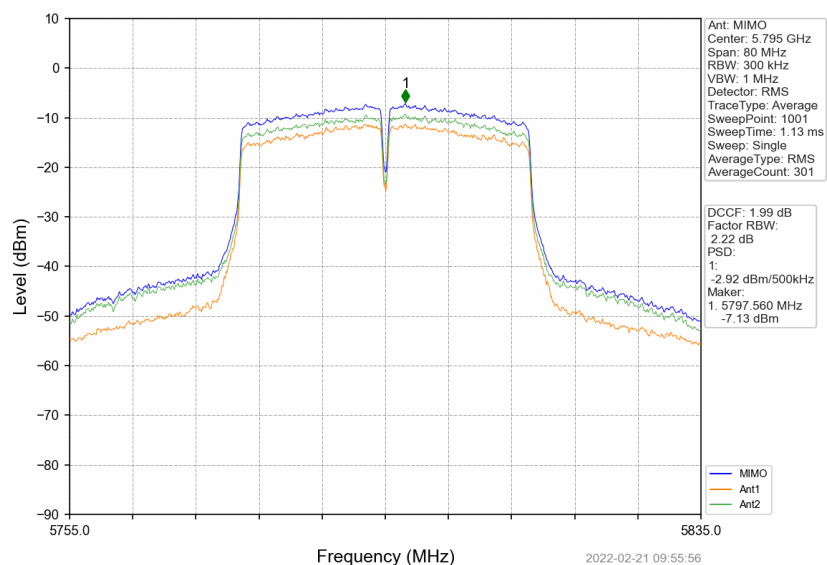
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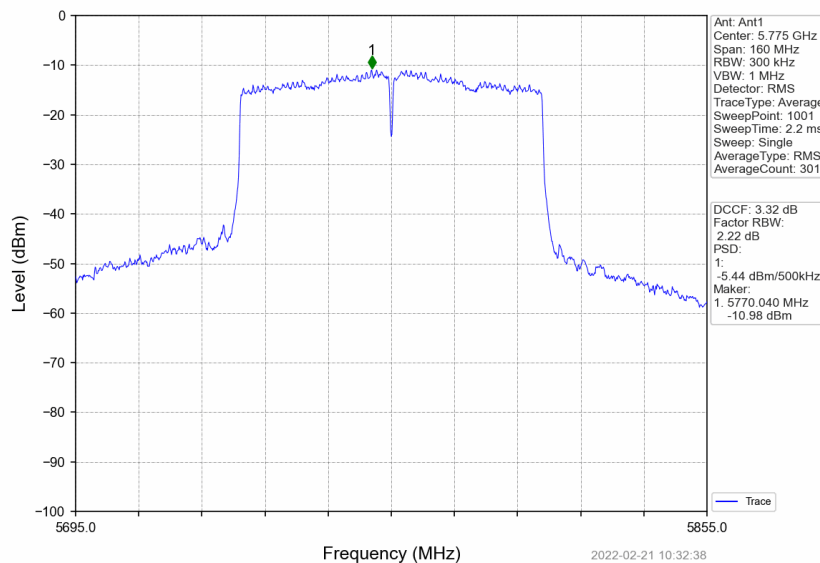
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802.11ac(VHT80) MCH 5775MHz Ant1 NTN



802.11ac(VHT80) MCH 5775MHz Ant2 NTN



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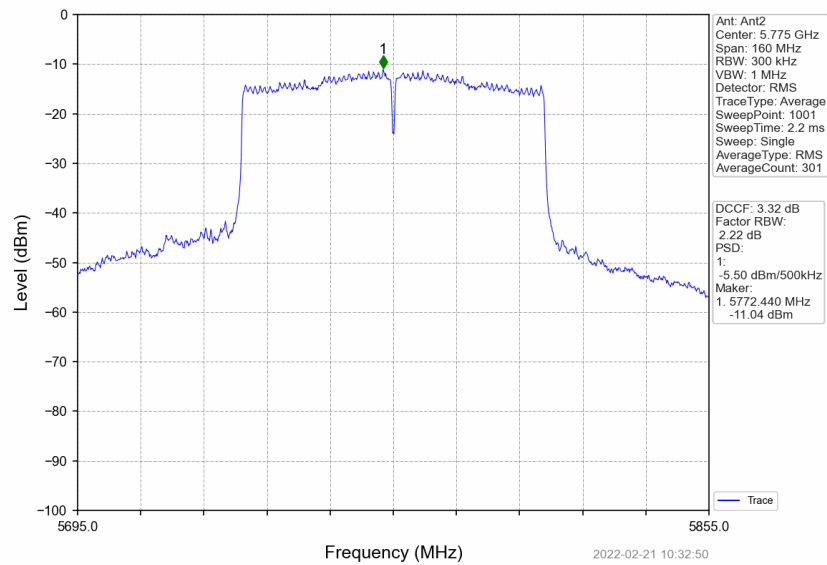
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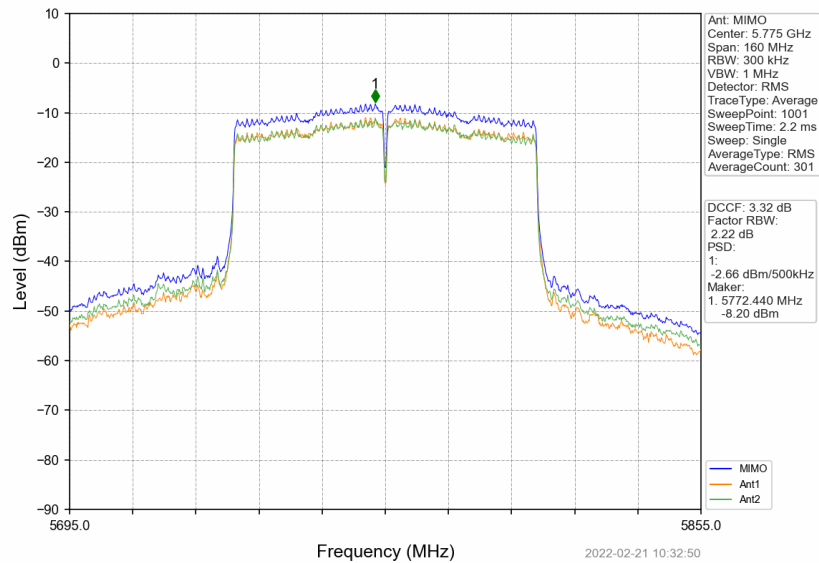
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802.11ac(VHT80)_MCH_5775MHz_MIMO_NTNV



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5. Frequency Stability

5.1 Ant1

5.1.1 Test Result

Ant1							
Mode	Tx Type	Frequency (MHz)	Temperature (°C)	Voltage (VAC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
802.11a	SISO	5180	20	102	5179.980	5150 to 5250	Pass
				120	5180.000	5150 to 5250	Pass
				138	5179.960	5150 to 5250	Pass
			-30	120	5179.980	5150 to 5250	Pass
			-20	120	5180.000	5150 to 5250	Pass
			-10	120	5179.940	5150 to 5250	Pass
			0	120	5180.020	5150 to 5250	Pass
			10	120	5180.000	5150 to 5250	Pass
			30	120	5179.920	5150 to 5250	Pass
			40	120	5180.000	5150 to 5250	Pass
			50	120	5179.960	5150 to 5250	Pass
		5200	20	102	5199.900	5150 to 5250	Pass
				120	5199.940	5150 to 5250	Pass
				138	5200.000	5150 to 5250	Pass
			-30	120	5199.980	5150 to 5250	Pass
			-20	120	5199.960	5150 to 5250	Pass
			-10	120	5200.020	5150 to 5250	Pass
			0	120	5199.920	5150 to 5250	Pass
			10	120	5199.900	5150 to 5250	Pass
			30	120	5199.920	5150 to 5250	Pass
			40	120	5199.960	5150 to 5250	Pass
			50	120	5199.960	5150 to 5250	Pass
		5240	20	102	5239.940	5150 to 5250	Pass
				120	5239.920	5150 to 5250	Pass
				138	5239.920	5150 to 5250	Pass
			-30	120	5239.940	5150 to 5250	Pass
			-20	120	5239.980	5150 to 5250	Pass
			-10	120	5239.880	5150 to 5250	Pass
			0	120	5239.960	5150 to 5250	Pass
			10	120	5239.900	5150 to 5250	Pass
			30	120	5239.920	5150 to 5250	Pass
			40	120	5239.920	5150 to 5250	Pass
			50	120	5239.980	5150 to 5250	Pass
		5745	20	102	5744.960	5725 to 5850	Pass
				120	5744.940	5725 to 5850	Pass
				138	5744.860	5725 to 5850	Pass
			-30	120	5744.920	5725 to 5850	Pass
			-20	120	5744.980	5725 to 5850	Pass
			-10	120	5744.960	5725 to 5850	Pass
			0	120	5745.020	5725 to 5850	Pass
			10	120	5744.960	5725 to 5850	Pass
			30	120	5744.880	5725 to 5850	Pass
			40	120	5745.020	5725 to 5850	Pass
			50	120	5745.020	5725 to 5850	Pass
		5785	20	102	5784.900	5725 to 5850	Pass



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				120	5784.980	5725 to 5850	Pass	
				138	5784.920	5725 to 5850	Pass	
				-30	120	5784.980	5725 to 5850	Pass
				-20	120	5784.960	5725 to 5850	Pass
				-10	120	5784.960	5725 to 5850	Pass
				0	120	5784.920	5725 to 5850	Pass
				10	120	5784.980	5725 to 5850	Pass
				30	120	5784.980	5725 to 5850	Pass
				40	120	5784.960	5725 to 5850	Pass
				50	120	5784.920	5725 to 5850	Pass
		5825	20	102	5824.900	5725 to 5850	Pass	
				120	5824.880	5725 to 5850	Pass	
				138	5824.980	5725 to 5850	Pass	
			-30	120	5824.960	5725 to 5850	Pass	
			-20	120	5824.960	5725 to 5850	Pass	
			-10	120	5824.960	5725 to 5850	Pass	
			0	120	5824.900	5725 to 5850	Pass	
			10	120	5824.920	5725 to 5850	Pass	
			30	120	5824.860	5725 to 5850	Pass	
			40	120	5824.900	5725 to 5850	Pass	
50	120	5824.980	5725 to 5850	Pass				
802.11n (HT20)	MIMO	5180	20	102	5179.940	5150 to 5250	Pass	
				120	5179.960	5150 to 5250	Pass	
				138	5179.920	5150 to 5250	Pass	
			-30	120	5179.980	5150 to 5250	Pass	
			-20	120	5179.960	5150 to 5250	Pass	
			-10	120	5179.960	5150 to 5250	Pass	
			0	120	5179.960	5150 to 5250	Pass	
			10	120	5180.000	5150 to 5250	Pass	
			30	120	5179.960	5150 to 5250	Pass	
			40	120	5179.920	5150 to 5250	Pass	
		50	120	5180.000	5150 to 5250	Pass		
		5200	20	102	5200.000	5150 to 5250	Pass	
				120	5199.920	5150 to 5250	Pass	
				138	5200.000	5150 to 5250	Pass	
			-30	120	5199.980	5150 to 5250	Pass	
			-20	120	5200.000	5150 to 5250	Pass	
			-10	120	5200.000	5150 to 5250	Pass	
			0	120	5200.040	5150 to 5250	Pass	
			10	120	5199.940	5150 to 5250	Pass	
			30	120	5199.980	5150 to 5250	Pass	
			40	120	5199.940	5150 to 5250	Pass	
		50	120	5199.960	5150 to 5250	Pass		
		5240	20	102	5239.900	5150 to 5250	Pass	
				120	5239.940	5150 to 5250	Pass	
				138	5239.980	5150 to 5250	Pass	
			-30	120	5240.000	5150 to 5250	Pass	
			-20	120	5239.960	5150 to 5250	Pass	
			-10	120	5239.980	5150 to 5250	Pass	
			0	120	5239.920	5150 to 5250	Pass	
			10	120	5239.920	5150 to 5250	Pass	
30	120		5240.000	5150 to 5250	Pass			
40	120		5240.000	5150 to 5250	Pass			
50	120	5239.920	5150 to 5250	Pass				
5745	20	102	5745.000	5725 to 5850	Pass			



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				120	5744.960	5725 to 5850	Pass
				138	5744.940	5725 to 5850	Pass
			-30	120	5745.000	5725 to 5850	Pass
			-20	120	5745.000	5725 to 5850	Pass
			-10	120	5744.940	5725 to 5850	Pass
			0	120	5745.040	5725 to 5850	Pass
			10	120	5745.020	5725 to 5850	Pass
			30	120	5744.980	5725 to 5850	Pass
			40	120	5744.960	5725 to 5850	Pass
			50	120	5744.940	5725 to 5850	Pass
		5785	20	102	5784.980	5725 to 5850	Pass
				120	5784.980	5725 to 5850	Pass
				138	5784.980	5725 to 5850	Pass
			-30	120	5784.960	5725 to 5850	Pass
			-20	120	5785.000	5725 to 5850	Pass
			-10	120	5784.900	5725 to 5850	Pass
			0	120	5784.940	5725 to 5850	Pass
			10	120	5785.000	5725 to 5850	Pass
			30	120	5784.920	5725 to 5850	Pass
			40	120	5784.980	5725 to 5850	Pass
			50	120	5784.940	5725 to 5850	Pass
		5825	20	102	5824.980	5725 to 5850	Pass
				120	5824.920	5725 to 5850	Pass
				138	5824.940	5725 to 5850	Pass
			-30	120	5825.000	5725 to 5850	Pass
			-20	120	5824.920	5725 to 5850	Pass
			-10	120	5824.960	5725 to 5850	Pass
			0	120	5824.980	5725 to 5850	Pass
			10	120	5824.960	5725 to 5850	Pass
			30	120	5824.920	5725 to 5850	Pass
			40	120	5824.900	5725 to 5850	Pass
802.11n (HT40)	MIMO	5190	20	102	5189.920	5150 to 5250	Pass
				120	5190.000	5150 to 5250	Pass
				138	5190.000	5150 to 5250	Pass
			-30	120	5189.960	5150 to 5250	Pass
			-20	120	5189.960	5150 to 5250	Pass
			-10	120	5190.000	5150 to 5250	Pass
			0	120	5190.000	5150 to 5250	Pass
			10	120	5189.960	5150 to 5250	Pass
			30	120	5190.000	5150 to 5250	Pass
			40	120	5190.000	5150 to 5250	Pass
			50	120	5190.000	5150 to 5250	Pass
		5230	20	102	5229.960	5150 to 5250	Pass
				120	5229.960	5150 to 5250	Pass
				138	5230.000	5150 to 5250	Pass
			-30	120	5230.000	5150 to 5250	Pass
			-20	120	5230.000	5150 to 5250	Pass
			-10	120	5230.000	5150 to 5250	Pass
			0	120	5230.000	5150 to 5250	Pass
			10	120	5230.000	5150 to 5250	Pass
			30	120	5229.960	5150 to 5250	Pass
			40	120	5229.960	5150 to 5250	Pass
			50	120	5230.000	5150 to 5250	Pass
		5755	20	102	5755.000	5725 to 5850	Pass

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				120	5754.960	5725 to 5850	Pass
				138	5754.960	5725 to 5850	Pass
				-30	5755.000	5725 to 5850	Pass
				-20	5755.000	5725 to 5850	Pass
				-10	5755.000	5725 to 5850	Pass
				0	5755.000	5725 to 5850	Pass
				10	5755.000	5725 to 5850	Pass
				30	5755.000	5725 to 5850	Pass
				40	5754.960	5725 to 5850	Pass
				50	5755.000	5725 to 5850	Pass
		5795	20	102	5795.000	5725 to 5850	Pass
				120	5795.000	5725 to 5850	Pass
				138	5794.960	5725 to 5850	Pass
			-30	120	5794.960	5725 to 5850	Pass
				120	5795.000	5725 to 5850	Pass
				120	5794.920	5725 to 5850	Pass
			-10	120	5795.000	5725 to 5850	Pass
				120	5795.000	5725 to 5850	Pass
				120	5795.000	5725 to 5850	Pass
			0	120	5795.000	5725 to 5850	Pass
				120	5795.000	5725 to 5850	Pass
				120	5794.960	5725 to 5850	Pass
			10	120	5795.000	5725 to 5850	Pass
				120	5795.000	5725 to 5850	Pass
				120	5795.000	5725 to 5850	Pass
			30	120	5795.000	5725 to 5850	Pass
				120	5795.000	5725 to 5850	Pass
				120	5795.000	5725 to 5850	Pass
			40	120	5795.000	5725 to 5850	Pass
				120	5795.000	5725 to 5850	Pass
				120	5795.000	5725 to 5850	Pass
			50	120	5795.000	5725 to 5850	Pass
				120	5795.000	5725 to 5850	Pass
				120	5795.000	5725 to 5850	Pass
802.11ac (VHT20)	MIMO	5180	20	102	5179.980	5150 to 5250	Pass
				120	5179.940	5150 to 5250	Pass
				138	5179.960	5150 to 5250	Pass
			-30	120	5179.960	5150 to 5250	Pass
				120	5179.960	5150 to 5250	Pass
				120	5180.040	5150 to 5250	Pass
			-10	120	5180.000	5150 to 5250	Pass
				120	5179.980	5150 to 5250	Pass
				120	5180.000	5150 to 5250	Pass
			0	120	5179.980	5150 to 5250	Pass
				120	5180.000	5150 to 5250	Pass
				120	5179.980	5150 to 5250	Pass
			10	120	5180.020	5150 to 5250	Pass
				120	5180.020	5150 to 5250	Pass
				120	5180.020	5150 to 5250	Pass
		5200	20	102	5199.980	5150 to 5250	Pass
				120	5200.000	5150 to 5250	Pass
				138	5200.000	5150 to 5250	Pass
			-30	120	5200.000	5150 to 5250	Pass
				120	5200.040	5150 to 5250	Pass
				120	5199.960	5150 to 5250	Pass
			-10	120	5200.020	5150 to 5250	Pass
				120	5200.020	5150 to 5250	Pass
				120	5199.980	5150 to 5250	Pass
			0	120	5199.960	5150 to 5250	Pass
				120	5199.980	5150 to 5250	Pass
				120	5199.980	5150 to 5250	Pass
			10	120	5239.960	5150 to 5250	Pass
				120	5240.000	5150 to 5250	Pass
				138	5240.020	5150 to 5250	Pass
		5240	20	102	5239.980	5150 to 5250	Pass
				120	5239.960	5150 to 5250	Pass
				120	5239.960	5150 to 5250	Pass
			-30	120	5239.960	5150 to 5250	Pass
				120	5239.960	5150 to 5250	Pass
				120	5239.960	5150 to 5250	Pass
			-10	120	5239.960	5150 to 5250	Pass
				120	5239.960	5150 to 5250	Pass
				120	5239.960	5150 to 5250	Pass
			0	120	5239.980	5150 to 5250	Pass
				120	5239.980	5150 to 5250	Pass
				120	5239.980	5150 to 5250	Pass
			10	120	5239.980	5150 to 5250	Pass
				120	5239.980	5150 to 5250	Pass
				120	5240.000	5150 to 5250	Pass
			30	120	5240.000	5150 to 5250	Pass
				120	5240.000	5150 to 5250	Pass
				120	5240.000	5150 to 5250	Pass
			40	120	5240.000	5150 to 5250	Pass
				120	5240.000	5150 to 5250	Pass
				120	5240.000	5150 to 5250	Pass
			50	120	5240.000	5150 to 5250	Pass
				120	5240.000	5150 to 5250	Pass
				120	5240.000	5150 to 5250	Pass
			5745	20	5744.960	5725 to 5850	Pass
				102	5744.960	5725 to 5850	Pass
				102	5744.960	5725 to 5850	Pass

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				120	5745.000	5725 to 5850	Pass
				138	5744.980	5725 to 5850	Pass
			-30	120	5744.980	5725 to 5850	Pass
			-20	120	5744.980	5725 to 5850	Pass
			-10	120	5745.000	5725 to 5850	Pass
			0	120	5744.980	5725 to 5850	Pass
			10	120	5744.960	5725 to 5850	Pass
			30	120	5744.980	5725 to 5850	Pass
			40	120	5744.920	5725 to 5850	Pass
			50	120	5744.980	5725 to 5850	Pass
		5785	20	102	5785.040	5725 to 5850	Pass
				120	5784.960	5725 to 5850	Pass
				138	5784.960	5725 to 5850	Pass
			-30	120	5784.980	5725 to 5850	Pass
			-20	120	5784.980	5725 to 5850	Pass
			-10	120	5784.980	5725 to 5850	Pass
			0	120	5784.940	5725 to 5850	Pass
			10	120	5784.960	5725 to 5850	Pass
			30	120	5784.980	5725 to 5850	Pass
			40	120	5784.960	5725 to 5850	Pass
			50	120	5784.960	5725 to 5850	Pass
		5825	20	102	5824.960	5725 to 5850	Pass
				120	5824.960	5725 to 5850	Pass
				138	5824.980	5725 to 5850	Pass
			-30	120	5825.000	5725 to 5850	Pass
			-20	120	5824.940	5725 to 5850	Pass
			-10	120	5824.960	5725 to 5850	Pass
			0	120	5824.980	5725 to 5850	Pass
			10	120	5825.000	5725 to 5850	Pass
			30	120	5824.960	5725 to 5850	Pass
			40	120	5825.020	5725 to 5850	Pass
			50	120	5824.980	5725 to 5850	Pass
802.11ac (VHT40)	MIMO	5190	20	102	5190.000	5150 to 5250	Pass
				120	5189.960	5150 to 5250	Pass
				138	5190.000	5150 to 5250	Pass
			-30	120	5190.000	5150 to 5250	Pass
			-20	120	5189.960	5150 to 5250	Pass
			-10	120	5190.040	5150 to 5250	Pass
			0	120	5190.000	5150 to 5250	Pass
			10	120	5190.000	5150 to 5250	Pass
			30	120	5189.960	5150 to 5250	Pass
			40	120	5190.000	5150 to 5250	Pass
			50	120	5189.960	5150 to 5250	Pass
		5230	20	102	5230.080	5150 to 5250	Pass
				120	5230.000	5150 to 5250	Pass
				138	5230.000	5150 to 5250	Pass
			-30	120	5230.000	5150 to 5250	Pass
			-20	120	5229.960	5150 to 5250	Pass
			-10	120	5230.000	5150 to 5250	Pass
			0	120	5229.960	5150 to 5250	Pass
			10	120	5229.920	5150 to 5250	Pass
			30	120	5230.000	5150 to 5250	Pass
			40	120	5230.040	5150 to 5250	Pass
			50	120	5229.960	5150 to 5250	Pass
		5755	20	102	5755.000	5725 to 5850	Pass

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				120	5754.960	5725 to 5850	Pass
				138	5755.000	5725 to 5850	Pass
				-30	5755.000	5725 to 5850	Pass
				-20	5754.960	5725 to 5850	Pass
				-10	5755.080	5725 to 5850	Pass
				0	5755.000	5725 to 5850	Pass
				10	5755.000	5725 to 5850	Pass
				30	5755.000	5725 to 5850	Pass
				40	5755.000	5725 to 5850	Pass
				50	5755.040	5725 to 5850	Pass
		5795	20	102	5795.000	5725 to 5850	Pass
				120	5795.040	5725 to 5850	Pass
				138	5794.960	5725 to 5850	Pass
			-30	120	5795.000	5725 to 5850	Pass
				120	5795.000	5725 to 5850	Pass
				120	5794.960	5725 to 5850	Pass
			-10	120	5795.000	5725 to 5850	Pass
				120	5795.000	5725 to 5850	Pass
				120	5795.000	5725 to 5850	Pass
			0	120	5795.000	5725 to 5850	Pass
				120	5795.000	5725 to 5850	Pass
				120	5795.000	5725 to 5850	Pass
			10	120	5795.000	5725 to 5850	Pass
				120	5795.000	5725 to 5850	Pass
				120	5795.000	5725 to 5850	Pass
802.11ac (VHT80)	MIMO	5210	20	102	5210.000	5150 to 5250	Pass
				120	5210.075	5150 to 5250	Pass
				138	5210.000	5150 to 5250	Pass
			-30	120	5210.000	5150 to 5250	Pass
				120	5210.000	5150 to 5250	Pass
				120	5210.000	5150 to 5250	Pass
			-10	120	5210.000	5150 to 5250	Pass
				120	5210.000	5150 to 5250	Pass
				120	5210.000	5150 to 5250	Pass
			0	120	5210.000	5150 to 5250	Pass
				120	5210.000	5150 to 5250	Pass
				120	5210.000	5150 to 5250	Pass
			10	120	5210.000	5150 to 5250	Pass
				120	5210.000	5150 to 5250	Pass
				120	5210.000	5150 to 5250	Pass
		5775	20	102	5775.000	5725 to 5850	Pass
				120	5775.000	5725 to 5850	Pass
				138	5775.000	5725 to 5850	Pass
			-30	120	5775.000	5725 to 5850	Pass
				120	5775.000	5725 to 5850	Pass
				120	5775.000	5725 to 5850	Pass
			-10	120	5775.000	5725 to 5850	Pass
				120	5775.000	5725 to 5850	Pass
				120	5775.000	5725 to 5850	Pass
			0	120	5775.000	5725 to 5850	Pass
				120	5775.000	5725 to 5850	Pass
				120	5775.000	5725 to 5850	Pass
			10	120	5775.000	5725 to 5850	Pass
				120	5775.000	5725 to 5850	Pass
				120	5775.000	5725 to 5850	Pass
			30	120	5775.000	5725 to 5850	Pass
				120	5775.000	5725 to 5850	Pass
				120	5775.000	5725 to 5850	Pass
			40	120	5775.000	5725 to 5850	Pass
				120	5775.000	5725 to 5850	Pass
				120	5775.000	5725 to 5850	Pass
			50	120	5775.075	5725 to 5850	Pass
				120	5775.075	5725 to 5850	Pass
				120	5775.075	5725 to 5850	Pass

5.2 Ant2

5.2.1 Test Result

Ant2							
Mode	Tx Type	Frequency (MHz)	Temperature (°C)	Voltage (VAC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
802.11a	SISO	5180	20	102	5179.980	5150 to 5250	Pass
				120	5179.940	5150 to 5250	Pass



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				138	5180.000	5150 to 5250	Pass
			-30	120	5179.980	5150 to 5250	Pass
			-20	120	5180.000	5150 to 5250	Pass
			-10	120	5179.960	5150 to 5250	Pass
			0	120	5180.000	5150 to 5250	Pass
			10	120	5179.980	5150 to 5250	Pass
			30	120	5179.960	5150 to 5250	Pass
			40	120	5180.000	5150 to 5250	Pass
			50	120	5180.000	5150 to 5250	Pass
		5200	20	102	5199.980	5150 to 5250	Pass
				120	5200.020	5150 to 5250	Pass
				138	5199.980	5150 to 5250	Pass
			-30	120	5199.980	5150 to 5250	Pass
			-20	120	5200.020	5150 to 5250	Pass
			-10	120	5200.000	5150 to 5250	Pass
			0	120	5199.980	5150 to 5250	Pass
			10	120	5199.960	5150 to 5250	Pass
			30	120	5199.940	5150 to 5250	Pass
			40	120	5200.020	5150 to 5250	Pass
			50	120	5199.940	5150 to 5250	Pass
		5240	20	102	5239.960	5150 to 5250	Pass
				120	5239.980	5150 to 5250	Pass
				138	5239.980	5150 to 5250	Pass
			-30	120	5239.980	5150 to 5250	Pass
			-20	120	5239.980	5150 to 5250	Pass
			-10	120	5240.000	5150 to 5250	Pass
			0	120	5240.000	5150 to 5250	Pass
			10	120	5239.960	5150 to 5250	Pass
			30	120	5239.960	5150 to 5250	Pass
			40	120	5239.960	5150 to 5250	Pass
			50	120	5239.980	5150 to 5250	Pass
		5745	20	102	5745.000	5725 to 5850	Pass
				120	5745.000	5725 to 5850	Pass
				138	5744.980	5725 to 5850	Pass
			-30	120	5744.960	5725 to 5850	Pass
			-20	120	5745.000	5725 to 5850	Pass
			-10	120	5744.980	5725 to 5850	Pass
			0	120	5744.960	5725 to 5850	Pass
			10	120	5744.980	5725 to 5850	Pass
			30	120	5744.960	5725 to 5850	Pass
			40	120	5744.960	5725 to 5850	Pass
			50	120	5744.980	5725 to 5850	Pass
		5785	20	102	5784.980	5725 to 5850	Pass
				120	5784.940	5725 to 5850	Pass
				138	5784.980	5725 to 5850	Pass
			-30	120	5784.980	5725 to 5850	Pass
			-20	120	5785.000	5725 to 5850	Pass
			-10	120	5784.960	5725 to 5850	Pass
			0	120	5784.960	5725 to 5850	Pass
			10	120	5785.000	5725 to 5850	Pass
			30	120	5784.980	5725 to 5850	Pass
			40	120	5785.000	5725 to 5850	Pass
			50	120	5784.960	5725 to 5850	Pass
		5825	20	102	5824.960	5725 to 5850	Pass
				120	5825.000	5725 to 5850	Pass

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				138	5824.980	5725 to 5850	Pass
			-30	120	5824.960	5725 to 5850	Pass
			-20	120	5824.960	5725 to 5850	Pass
			-10	120	5824.940	5725 to 5850	Pass
			0	120	5824.980	5725 to 5850	Pass
			10	120	5825.000	5725 to 5850	Pass
			30	120	5825.000	5725 to 5850	Pass
			40	120	5825.020	5725 to 5850	Pass
			50	120	5824.960	5725 to 5850	Pass
802.11n (HT20)	MIMO	5180	20	102	5180.000	5150 to 5250	Pass
				120	5180.000	5150 to 5250	Pass
				138	5180.000	5150 to 5250	Pass
			-30	120	5179.980	5150 to 5250	Pass
			-20	120	5179.980	5150 to 5250	Pass
			-10	120	5179.960	5150 to 5250	Pass
			0	120	5179.980	5150 to 5250	Pass
			10	120	5179.980	5150 to 5250	Pass
			30	120	5179.980	5150 to 5250	Pass
			40	120	5180.000	5150 to 5250	Pass
			50	120	5179.980	5150 to 5250	Pass
		5200	20	102	5199.980	5150 to 5250	Pass
				120	5199.980	5150 to 5250	Pass
				138	5200.000	5150 to 5250	Pass
			-30	120	5200.000	5150 to 5250	Pass
			-20	120	5199.960	5150 to 5250	Pass
			-10	120	5199.960	5150 to 5250	Pass
			0	120	5200.000	5150 to 5250	Pass
			10	120	5199.980	5150 to 5250	Pass
			30	120	5199.980	5150 to 5250	Pass
			40	120	5199.980	5150 to 5250	Pass
			50	120	5199.980	5150 to 5250	Pass
		5240	20	102	5239.980	5150 to 5250	Pass
				120	5239.980	5150 to 5250	Pass
				138	5239.980	5150 to 5250	Pass
			-30	120	5239.980	5150 to 5250	Pass
			-20	120	5240.000	5150 to 5250	Pass
			-10	120	5240.000	5150 to 5250	Pass
			0	120	5239.980	5150 to 5250	Pass
			10	120	5239.980	5150 to 5250	Pass
			30	120	5239.960	5150 to 5250	Pass
			40	120	5240.000	5150 to 5250	Pass
			50	120	5239.980	5150 to 5250	Pass
		5745	20	102	5745.020	5725 to 5850	Pass
				120	5744.980	5725 to 5850	Pass
				138	5745.000	5725 to 5850	Pass
			-30	120	5744.960	5725 to 5850	Pass
			-20	120	5744.980	5725 to 5850	Pass
			-10	120	5744.980	5725 to 5850	Pass
			0	120	5744.960	5725 to 5850	Pass
			10	120	5744.980	5725 to 5850	Pass
			30	120	5744.980	5725 to 5850	Pass
			40	120	5744.980	5725 to 5850	Pass
			50	120	5744.960	5725 to 5850	Pass
		5785	20	102	5784.980	5725 to 5850	Pass
				120	5784.980	5725 to 5850	Pass

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				138	5784.960	5725 to 5850	Pass
			-30	120	5784.940	5725 to 5850	Pass
			-20	120	5784.960	5725 to 5850	Pass
			-10	120	5784.980	5725 to 5850	Pass
			0	120	5784.960	5725 to 5850	Pass
			10	120	5785.000	5725 to 5850	Pass
			30	120	5784.980	5725 to 5850	Pass
			40	120	5785.000	5725 to 5850	Pass
			50	120	5784.960	5725 to 5850	Pass
		5825	20	102	5824.980	5725 to 5850	Pass
				120	5824.960	5725 to 5850	Pass
				138	5824.960	5725 to 5850	Pass
			-30	120	5824.940	5725 to 5850	Pass
			-20	120	5824.980	5725 to 5850	Pass
			-10	120	5824.960	5725 to 5850	Pass
			0	120	5824.960	5725 to 5850	Pass
			10	120	5824.980	5725 to 5850	Pass
			30	120	5825.000	5725 to 5850	Pass
			40	120	5824.980	5725 to 5850	Pass
			50	120	5824.980	5725 to 5850	Pass
802.11n (HT40)	MIMO	5190	20	102	5190.000	5150 to 5250	Pass
				120	5190.000	5150 to 5250	Pass
				138	5189.960	5150 to 5250	Pass
			-30	120	5189.960	5150 to 5250	Pass
			-20	120	5189.960	5150 to 5250	Pass
			-10	120	5190.000	5150 to 5250	Pass
			0	120	5190.000	5150 to 5250	Pass
			10	120	5189.960	5150 to 5250	Pass
			30	120	5190.000	5150 to 5250	Pass
			40	120	5190.000	5150 to 5250	Pass
			50	120	5190.000	5150 to 5250	Pass
		5230	20	102	5230.000	5150 to 5250	Pass
				120	5229.960	5150 to 5250	Pass
				138	5230.000	5150 to 5250	Pass
			-30	120	5230.000	5150 to 5250	Pass
			-20	120	5230.000	5150 to 5250	Pass
			-10	120	5230.000	5150 to 5250	Pass
			0	120	5230.000	5150 to 5250	Pass
			10	120	5229.960	5150 to 5250	Pass
			30	120	5229.960	5150 to 5250	Pass
			40	120	5229.960	5150 to 5250	Pass
			50	120	5230.000	5150 to 5250	Pass
		5755	20	102	5755.000	5725 to 5850	Pass
				120	5755.040	5725 to 5850	Pass
				138	5755.000	5725 to 5850	Pass
			-30	120	5754.960	5725 to 5850	Pass
			-20	120	5754.920	5725 to 5850	Pass
			-10	120	5755.000	5725 to 5850	Pass
			0	120	5754.960	5725 to 5850	Pass
			10	120	5755.000	5725 to 5850	Pass
			30	120	5755.000	5725 to 5850	Pass
			40	120	5754.960	5725 to 5850	Pass
50	120		5755.000	5725 to 5850	Pass		
5795	20	102	5794.920	5725 to 5850	Pass		
		120	5795.000	5725 to 5850	Pass		



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				138	5795.000	5725 to 5850	Pass
			-30	120	5795.000	5725 to 5850	Pass
			-20	120	5795.000	5725 to 5850	Pass
			-10	120	5794.960	5725 to 5850	Pass
			0	120	5795.000	5725 to 5850	Pass
			10	120	5795.000	5725 to 5850	Pass
			30	120	5795.040	5725 to 5850	Pass
			40	120	5795.000	5725 to 5850	Pass
			50	120	5795.000	5725 to 5850	Pass
802.11ac (VHT20)	MIMO	5180	20	102	5180.000	5150 to 5250	Pass
				120	5179.940	5150 to 5250	Pass
				138	5179.980	5150 to 5250	Pass
			-30	120	5180.000	5150 to 5250	Pass
			-20	120	5179.980	5150 to 5250	Pass
			-10	120	5179.980	5150 to 5250	Pass
			0	120	5179.980	5150 to 5250	Pass
			10	120	5180.000	5150 to 5250	Pass
			30	120	5179.980	5150 to 5250	Pass
			40	120	5179.960	5150 to 5250	Pass
			50	120	5180.000	5150 to 5250	Pass
		5200	20	102	5199.960	5150 to 5250	Pass
				120	5199.900	5150 to 5250	Pass
				138	5200.000	5150 to 5250	Pass
			-30	120	5199.980	5150 to 5250	Pass
			-20	120	5199.960	5150 to 5250	Pass
			-10	120	5199.980	5150 to 5250	Pass
			0	120	5200.000	5150 to 5250	Pass
			10	120	5199.980	5150 to 5250	Pass
			30	120	5199.980	5150 to 5250	Pass
			40	120	5199.960	5150 to 5250	Pass
			50	120	5199.980	5150 to 5250	Pass
		5240	20	102	5240.000	5150 to 5250	Pass
				120	5239.980	5150 to 5250	Pass
				138	5239.920	5150 to 5250	Pass
			-30	120	5239.940	5150 to 5250	Pass
			-20	120	5240.000	5150 to 5250	Pass
			-10	120	5239.960	5150 to 5250	Pass
			0	120	5239.980	5150 to 5250	Pass
			10	120	5239.980	5150 to 5250	Pass
			30	120	5239.980	5150 to 5250	Pass
			40	120	5239.980	5150 to 5250	Pass
			50	120	5240.000	5150 to 5250	Pass
		5745	20	102	5744.980	5725 to 5850	Pass
				120	5744.960	5725 to 5850	Pass
				138	5744.980	5725 to 5850	Pass
			-30	120	5744.980	5725 to 5850	Pass
			-20	120	5744.940	5725 to 5850	Pass
			-10	120	5744.980	5725 to 5850	Pass
			0	120	5744.940	5725 to 5850	Pass
			10	120	5744.960	5725 to 5850	Pass
			30	120	5744.960	5725 to 5850	Pass
			40	120	5745.000	5725 to 5850	Pass
			50	120	5745.000	5725 to 5850	Pass
		5785	20	102	5784.980	5725 to 5850	Pass
				120	5785.000	5725 to 5850	Pass

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				138	5784.980	5725 to 5850	Pass
			-30	120	5784.980	5725 to 5850	Pass
			-20	120	5784.960	5725 to 5850	Pass
			-10	120	5784.980	5725 to 5850	Pass
			0	120	5784.940	5725 to 5850	Pass
			10	120	5784.960	5725 to 5850	Pass
			30	120	5784.960	5725 to 5850	Pass
			40	120	5784.980	5725 to 5850	Pass
			50	120	5784.980	5725 to 5850	Pass
		5825	20	102	5824.960	5725 to 5850	Pass
				120	5824.980	5725 to 5850	Pass
				138	5824.920	5725 to 5850	Pass
			-30	120	5824.980	5725 to 5850	Pass
			-20	120	5824.960	5725 to 5850	Pass
			-10	120	5824.980	5725 to 5850	Pass
			0	120	5824.980	5725 to 5850	Pass
			10	120	5824.980	5725 to 5850	Pass
			30	120	5824.980	5725 to 5850	Pass
			40	120	5825.000	5725 to 5850	Pass
			50	120	5824.980	5725 to 5850	Pass
		5190	20	102	5190.000	5150 to 5250	Pass
				120	5190.000	5150 to 5250	Pass
				138	5190.040	5150 to 5250	Pass
			-30	120	5190.080	5150 to 5250	Pass
			-20	120	5190.160	5150 to 5250	Pass
			-10	120	5189.960	5150 to 5250	Pass
			0	120	5190.000	5150 to 5250	Pass
			10	120	5190.040	5150 to 5250	Pass
			30	120	5190.000	5150 to 5250	Pass
			40	120	5190.000	5150 to 5250	Pass
			50	120	5190.000	5150 to 5250	Pass
			20	102	5230.000	5150 to 5250	Pass
				120	5230.000	5150 to 5250	Pass
				138	5229.960	5150 to 5250	Pass
			-30	120	5230.000	5150 to 5250	Pass
			-20	120	5230.040	5150 to 5250	Pass
			-10	120	5229.960	5150 to 5250	Pass
			0	120	5230.000	5150 to 5250	Pass
			10	120	5230.000	5150 to 5250	Pass
			30	120	5230.000	5150 to 5250	Pass
			40	120	5230.040	5150 to 5250	Pass
			50	120	5230.040	5150 to 5250	Pass
		5755	20	102	5754.960	5725 to 5850	Pass
				120	5754.920	5725 to 5850	Pass
				138	5755.080	5725 to 5850	Pass
			-30	120	5755.040	5725 to 5850	Pass
			-20	120	5755.000	5725 to 5850	Pass
			-10	120	5754.960	5725 to 5850	Pass
			0	120	5754.960	5725 to 5850	Pass
			10	120	5755.000	5725 to 5850	Pass
			30	120	5755.040	5725 to 5850	Pass
		5795	20	102	5755.040	5725 to 5850	Pass
				120	5755.000	5725 to 5850	Pass
				120	5795.000	5725 to 5850	Pass



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802.11ac (VHT80)	MIMO			138	5795.000	5725 to 5850	Pass
			-30	120	5795.000	5725 to 5850	Pass
			-20	120	5795.040	5725 to 5850	Pass
			-10	120	5795.040	5725 to 5850	Pass
			0	120	5794.960	5725 to 5850	Pass
			10	120	5795.000	5725 to 5850	Pass
			30	120	5794.960	5725 to 5850	Pass
			40	120	5794.960	5725 to 5850	Pass
			50	120	5794.960	5725 to 5850	Pass
		5210	20	102	5210.000	5150 to 5250	Pass
				120	5209.925	5150 to 5250	Pass
				138	5210.075	5150 to 5250	Pass
			-30	120	5210.075	5150 to 5250	Pass
			-20	120	5210.000	5150 to 5250	Pass
			-10	120	5210.000	5150 to 5250	Pass
			0	120	5210.075	5150 to 5250	Pass
			10	120	5210.000	5150 to 5250	Pass
			30	120	5210.075	5150 to 5250	Pass
			40	120	5210.000	5150 to 5250	Pass
			50	120	5210.075	5150 to 5250	Pass
		5775	20	102	5775.000	5725 to 5850	Pass
				120	5775.075	5725 to 5850	Pass
				138	5775.075	5725 to 5850	Pass
			-30	120	5775.000	5725 to 5850	Pass
			-20	120	5775.000	5725 to 5850	Pass
			-10	120	5775.000	5725 to 5850	Pass
			0	120	5775.000	5725 to 5850	Pass
			10	120	5775.075	5725 to 5850	Pass
			30	120	5775.000	5725 to 5850	Pass
			40	120	5775.000	5725 to 5850	Pass
			50	120	5775.000	5725 to 5850	Pass



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