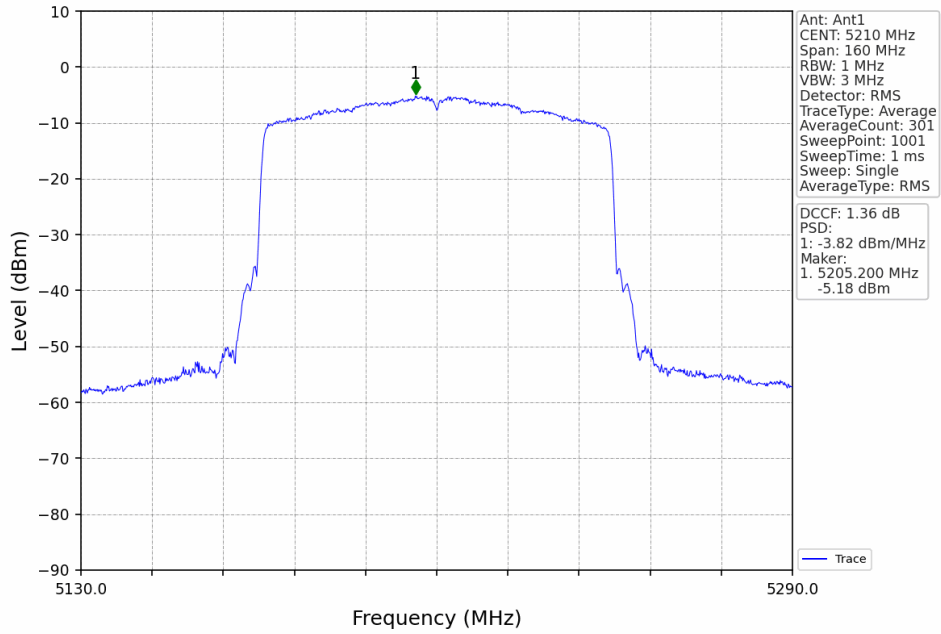
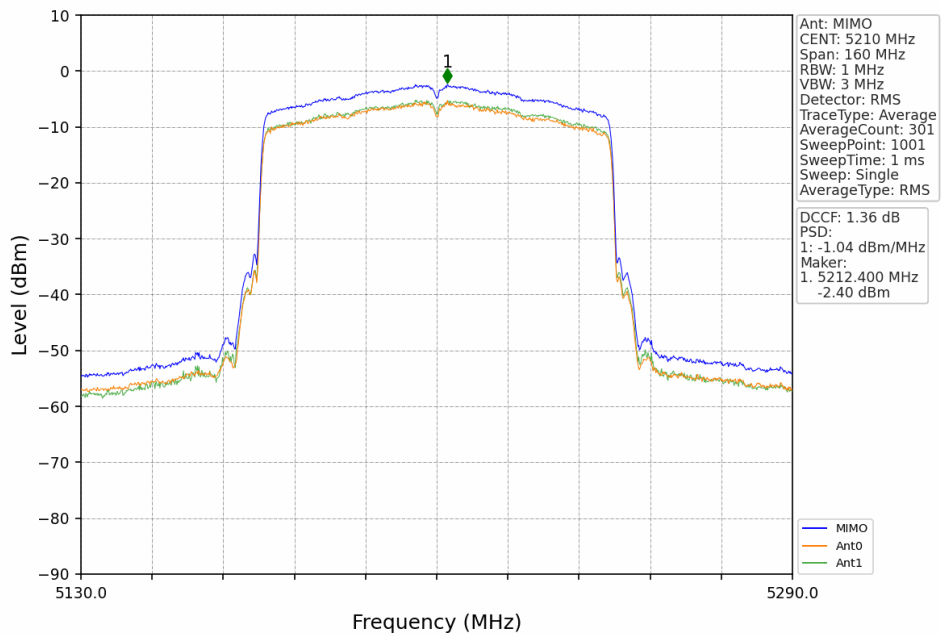


802.11ax(HEW80)_MCH_5210MHz_RU996_Left_Ant1_NTNV



802.11ax(HEW80)_MCH_5210MHz_RU996_Left_MIMO_NTNV



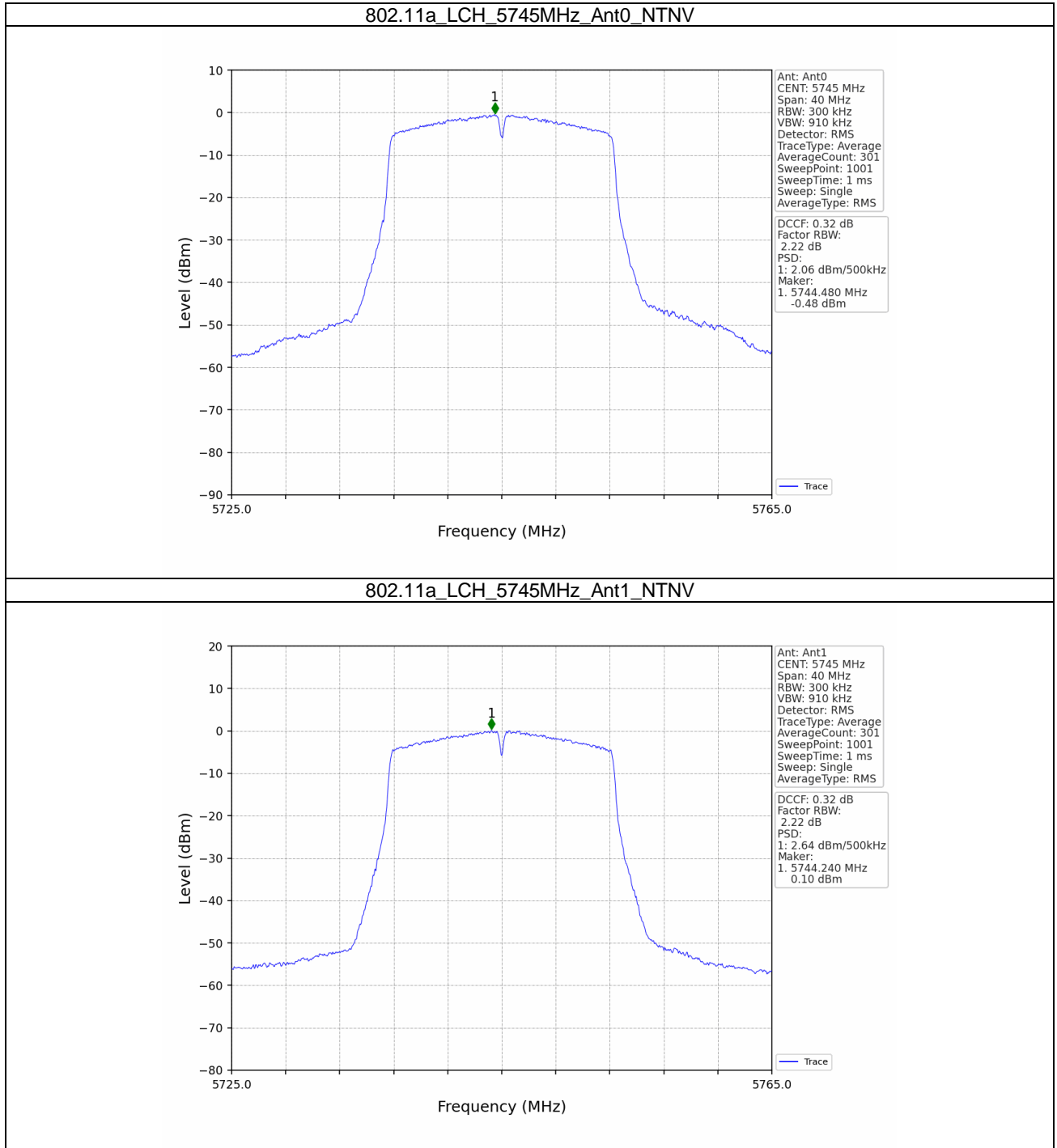
4.2 PSD-Band3

4.2.1 Test Result

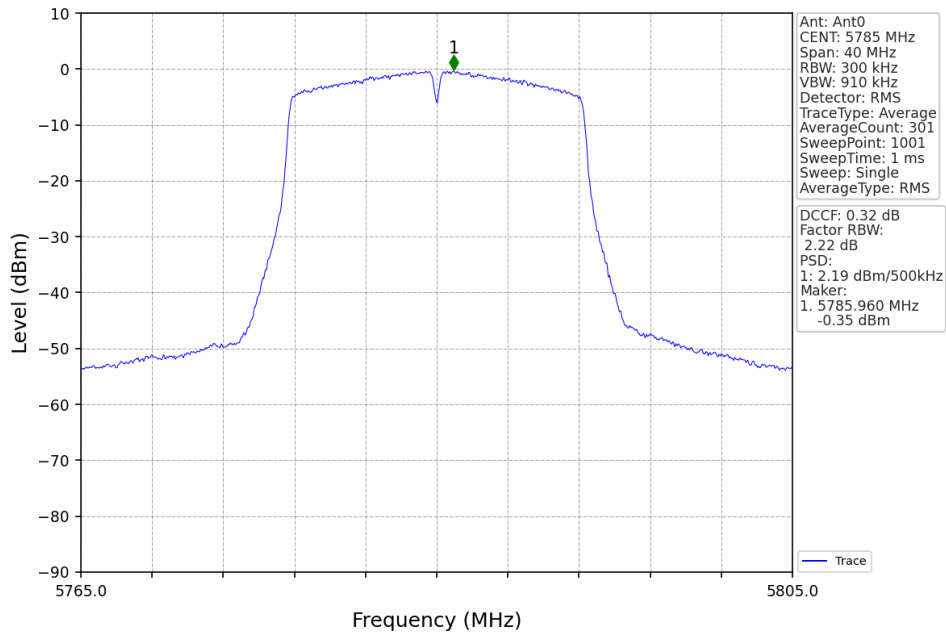
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/500kHz)				Verdict
					ANT0	ANT1	MIMO	Limit	
802.11a	SISO	5745	/	/	2.06	2.64	/	<=30	Pass
		5785	/	/	2.19	2.12	/	<=30	Pass
		5825	/	/	3.33	1.60	/	<=30	Pass
802.11n (HT20)	MIMO	5745	/	/	2.23	2.33	5.05	<=27.99	Pass
		5785	/	/	2.22	1.92	5.01	<=27.99	Pass
		5825	/	/	3.39	1.28	5.45	<=27.99	Pass
802.11n (HT40)	MIMO	5755	/	/	-3.20	-2.40	0.11	<=27.99	Pass
		5795	/	/	-2.61	-2.77	0.29	<=27.99	Pass
802.11ac (VHT80)	MIMO	5775	/	/	-5.63	-5.13	-2.49	<=27.99	Pass
802.11ax (HEW20)	MIMO	5745	RU242	Left	-1.43	-0.96	1.64	<=27.99	Pass
		5785	RU242	Left	-1.34	-1.19	1.61	<=27.99	Pass
		5825	RU242	Left	-0.12	-1.62	1.92	<=27.99	Pass
802.11ax (HEW40)	MIMO	5755	RU484	Left	-5.42	-4.86	-2.15	<=27.99	Pass
		5795	RU484	Left	-5.12	-4.90	-2.14	<=27.99	Pass
802.11ax (HEW80)	MIMO	5775	RU996	Left	-8.63	-7.96	-5.38	<=27.99	Pass

Note1: Antenna Gain: ANT0&ANT1: 5dBi
Note2: Directional Gain:8.01dBi

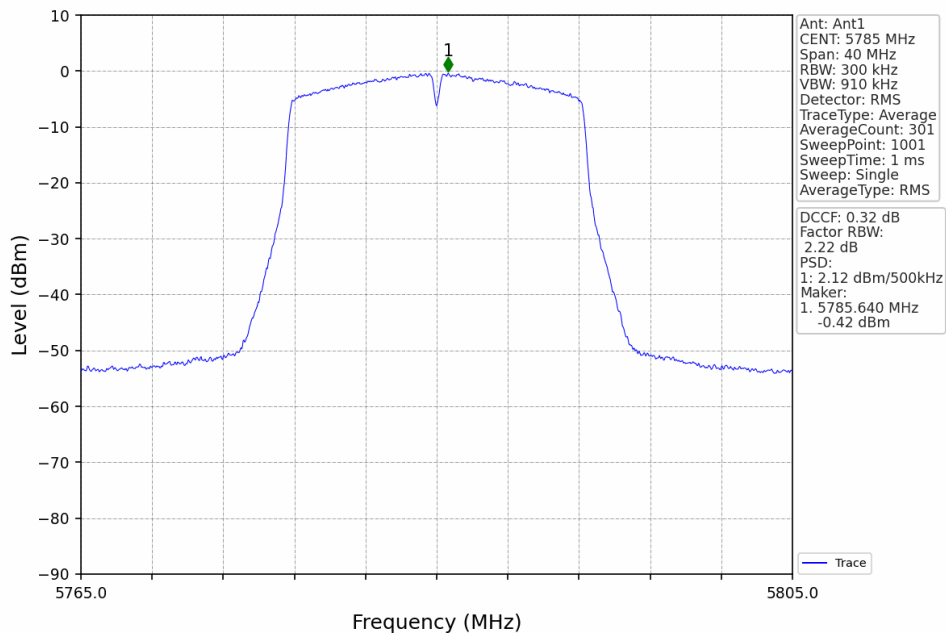
4.2.2 Test Graph



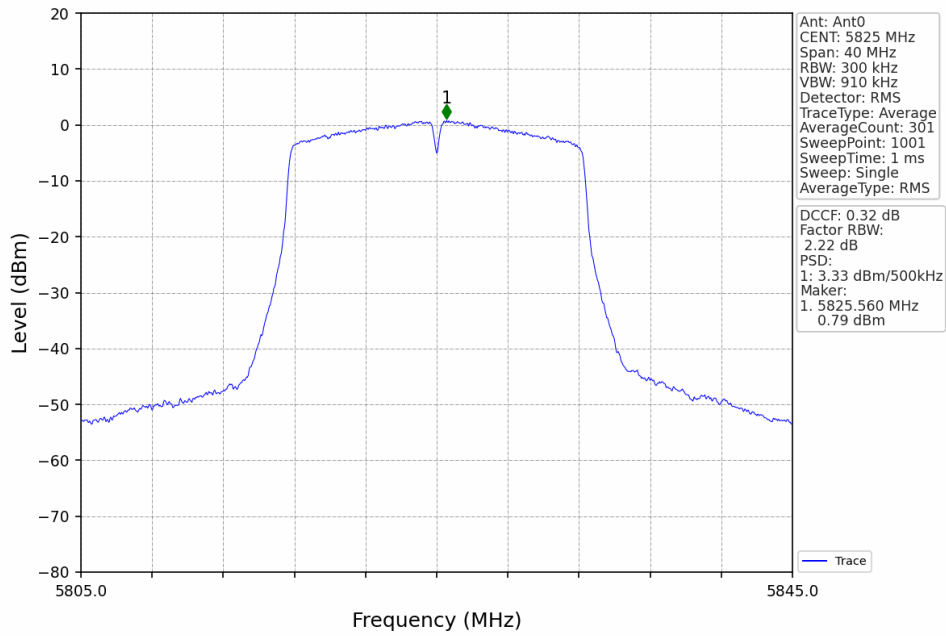
802.11a_MCH_5785MHz_Ant0_NTNV



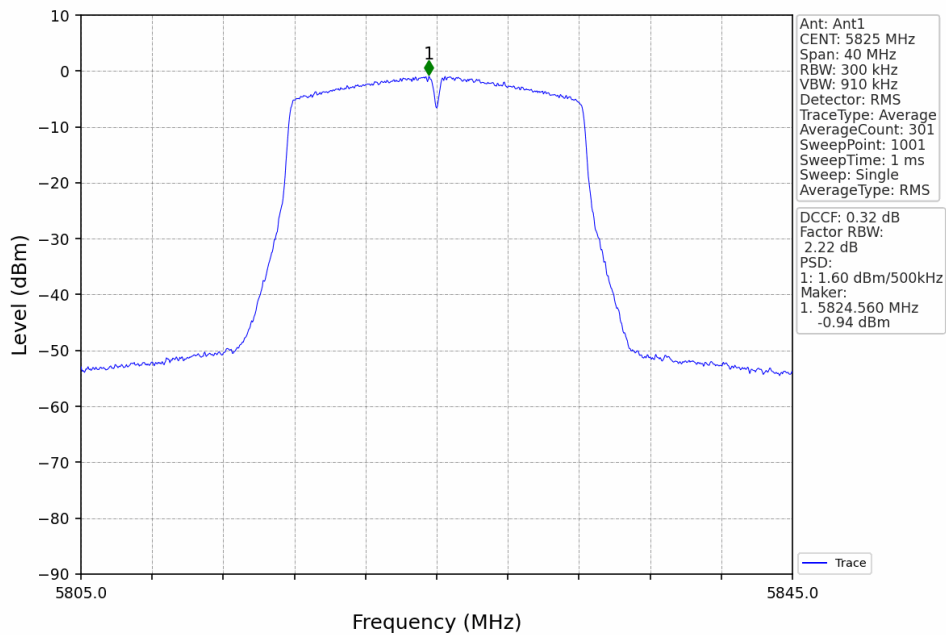
802.11a_MCH_5785MHz_Ant1_NTNV



802.11a_HCH_5825MHz_Ant0_NTNV



802.11a_HCH_5825MHz_Ant1_NTNV



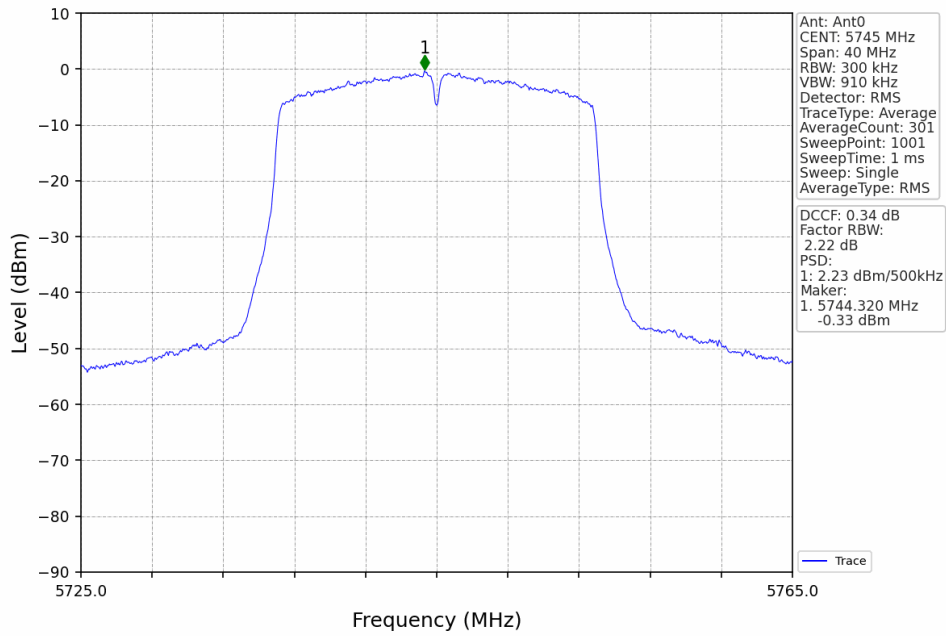
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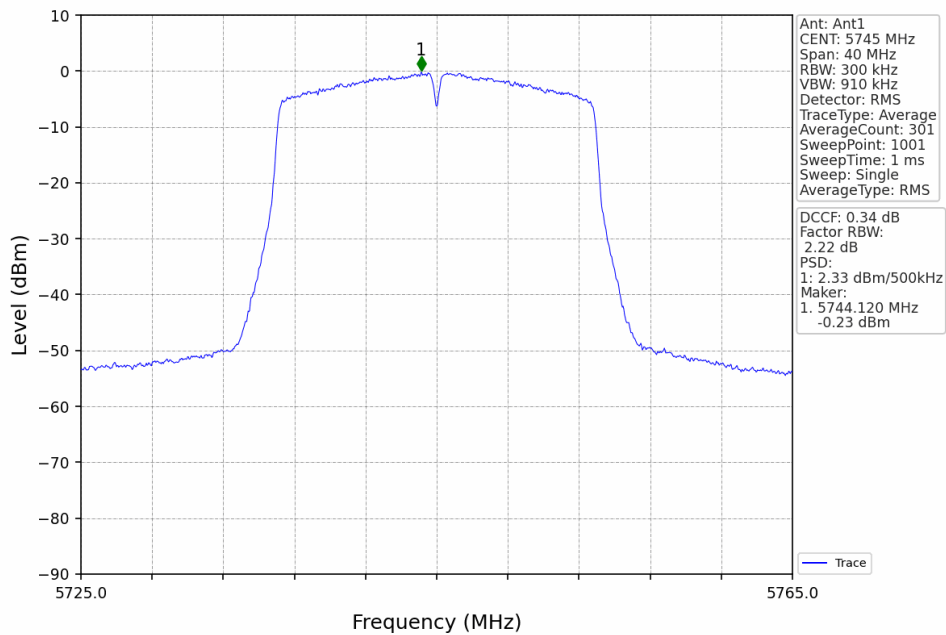
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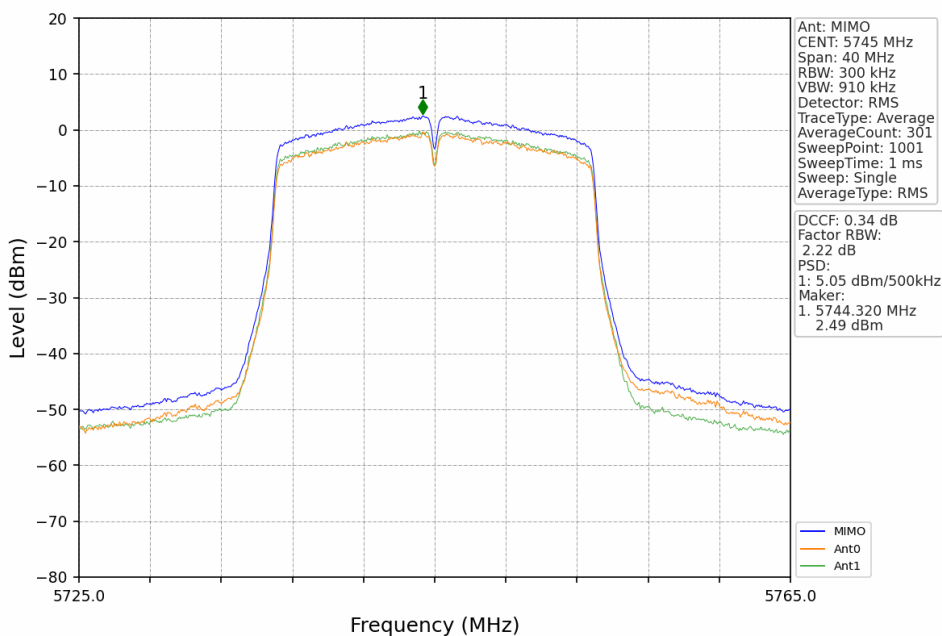
802.11n(HT20)_LCH_5745MHz_Ant0_NTNV



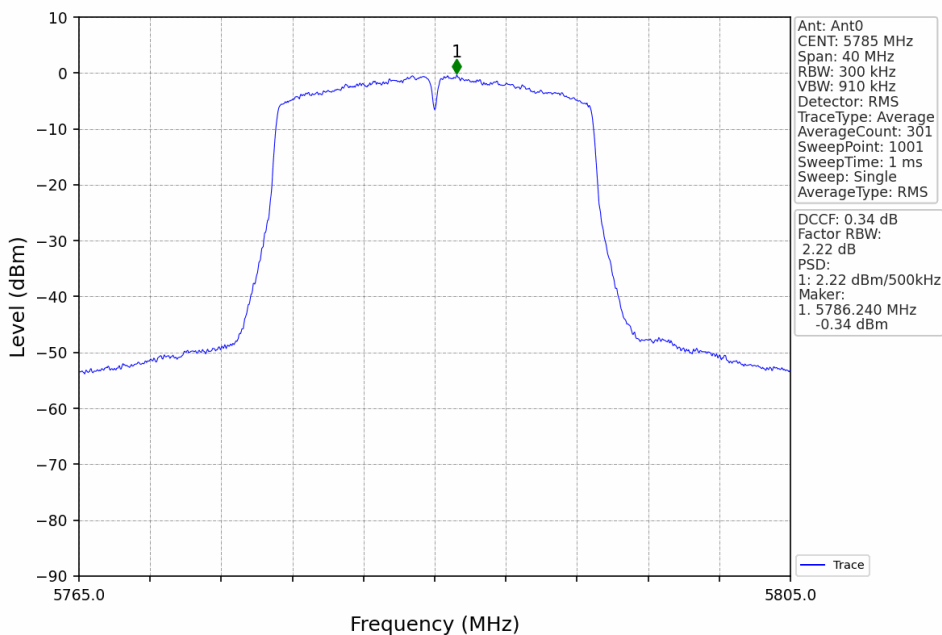
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



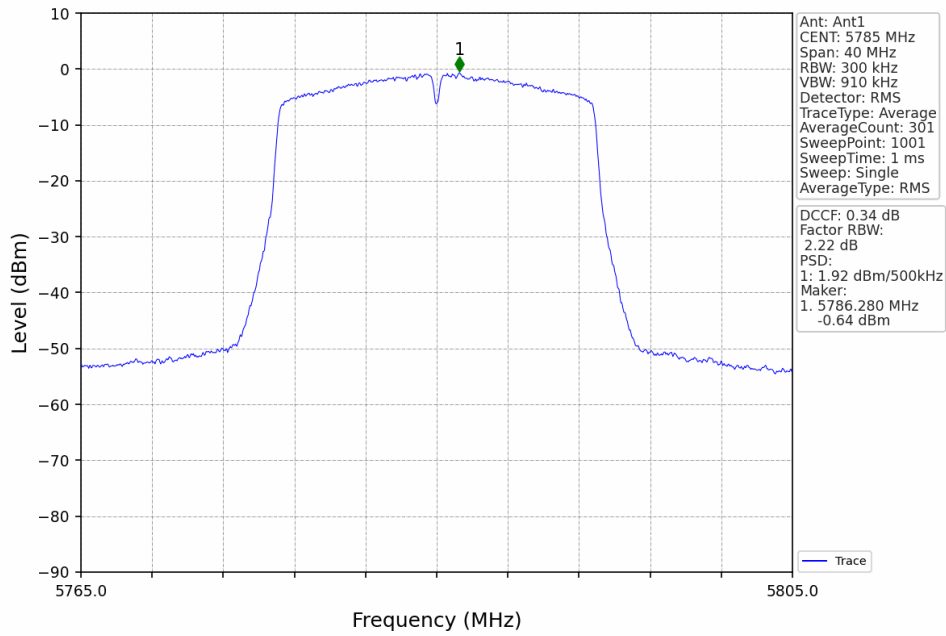
802.11n(HT20)_LCH_5745MHz_MIMO_NTNV



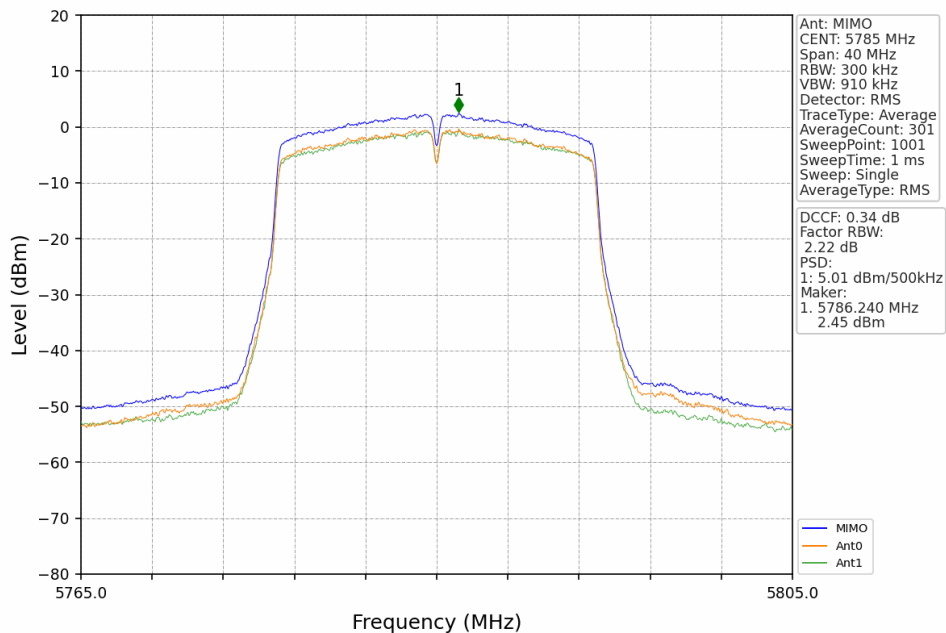
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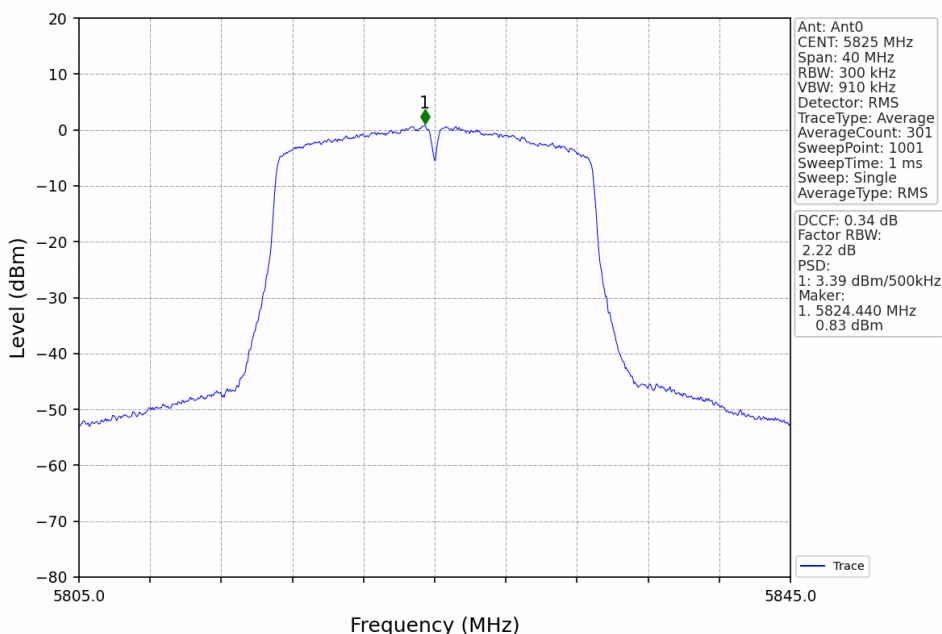
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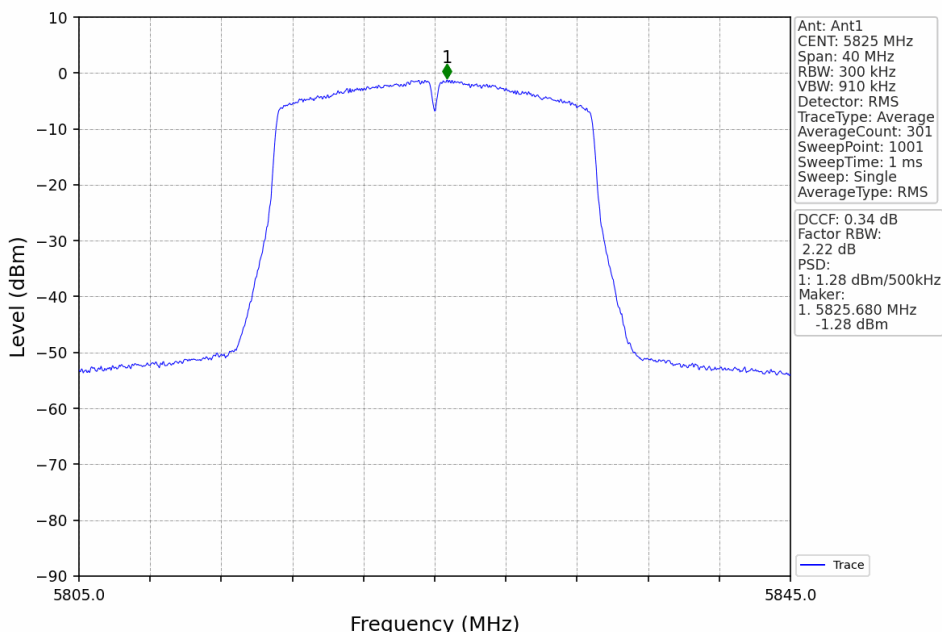
802.11n(HT20)_MCH_5785MHz_MIMO_NTNV



802.11n(HT20)_HCH_5825MHz_Ant0_NTNV



802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



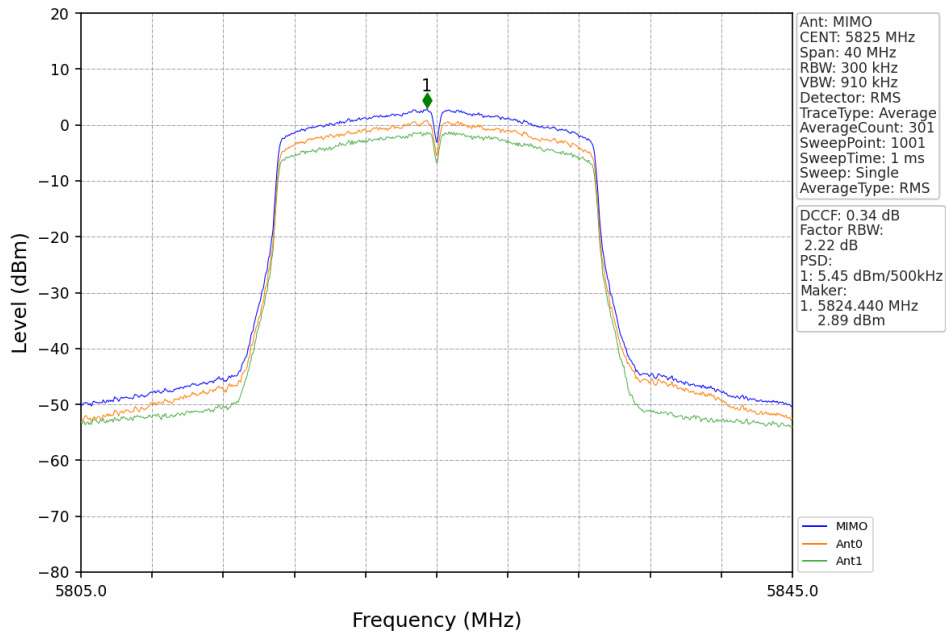
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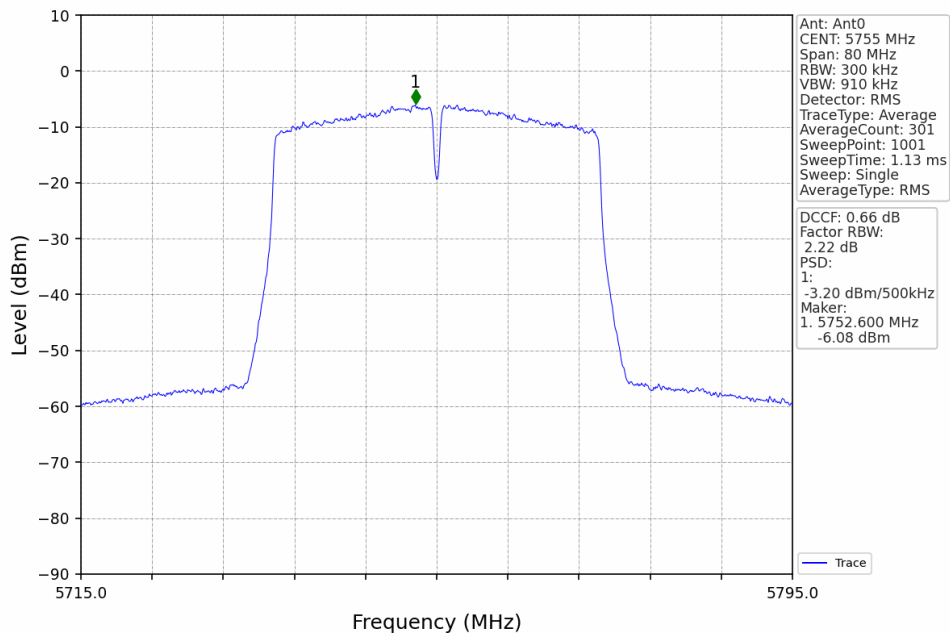
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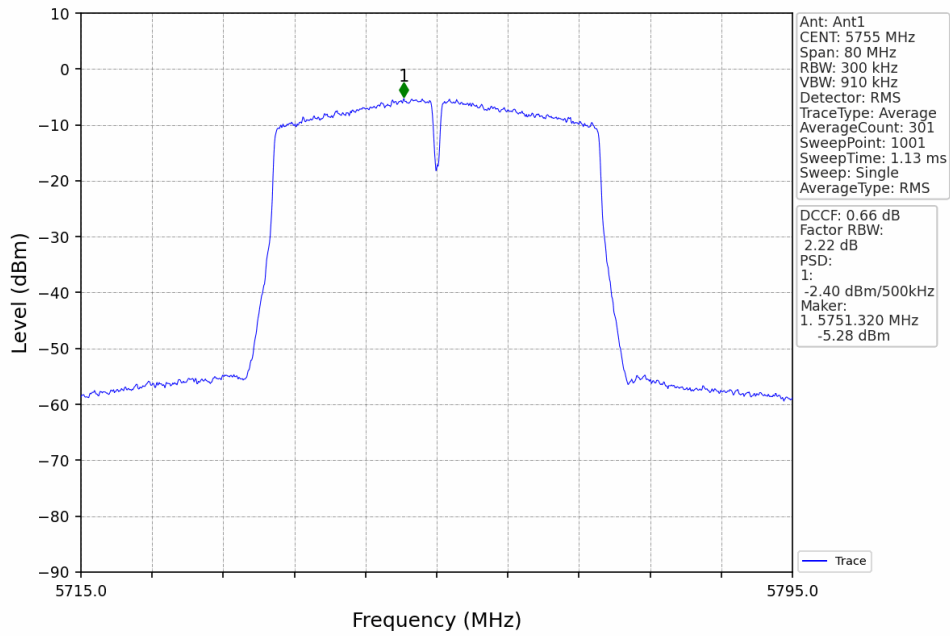
802.11n(HT20)_HCH_5825MHz_MIMO_NTNV



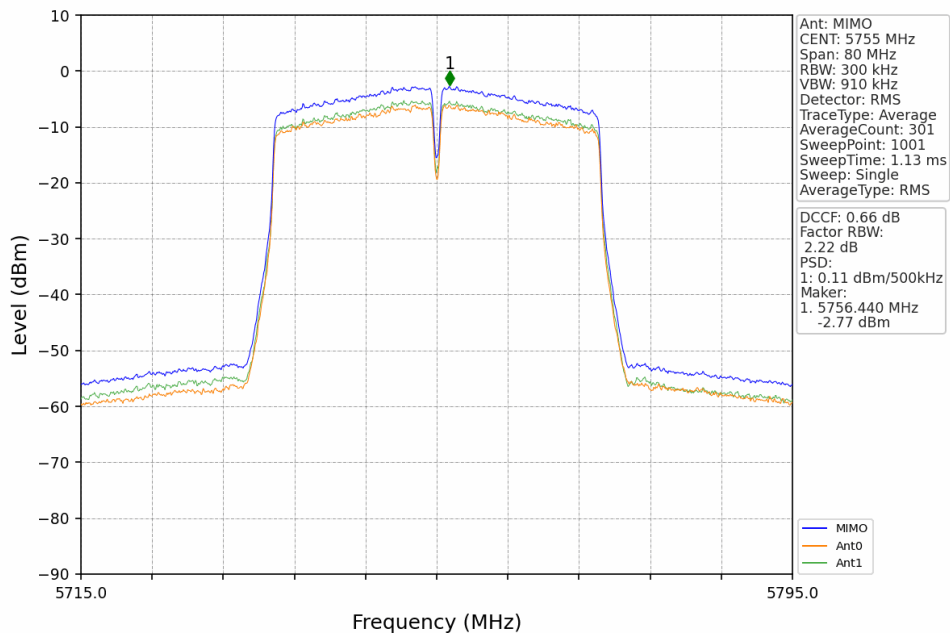
802.11n(HT40)_LCH_5755MHz_Ant0_NTNV



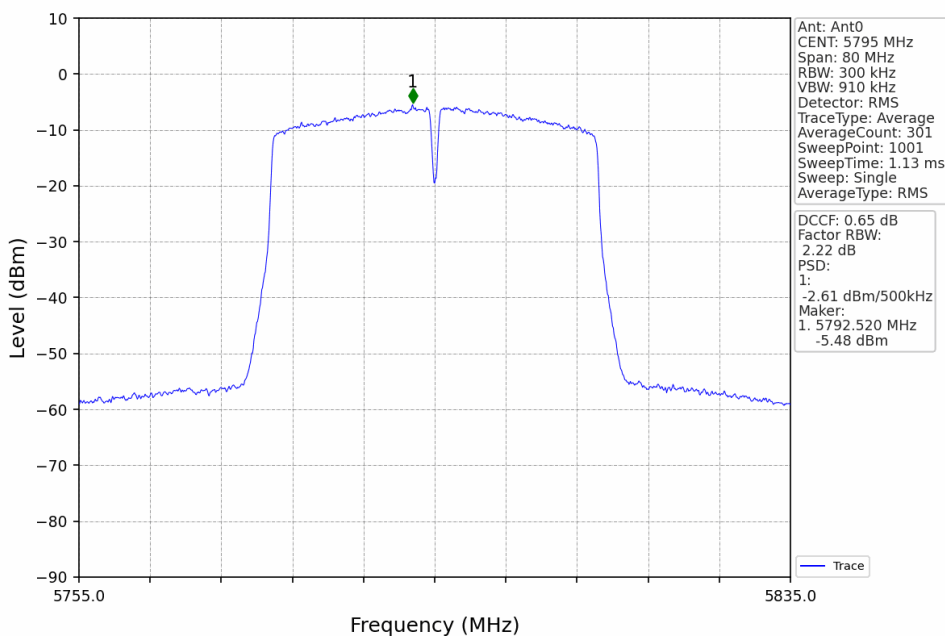
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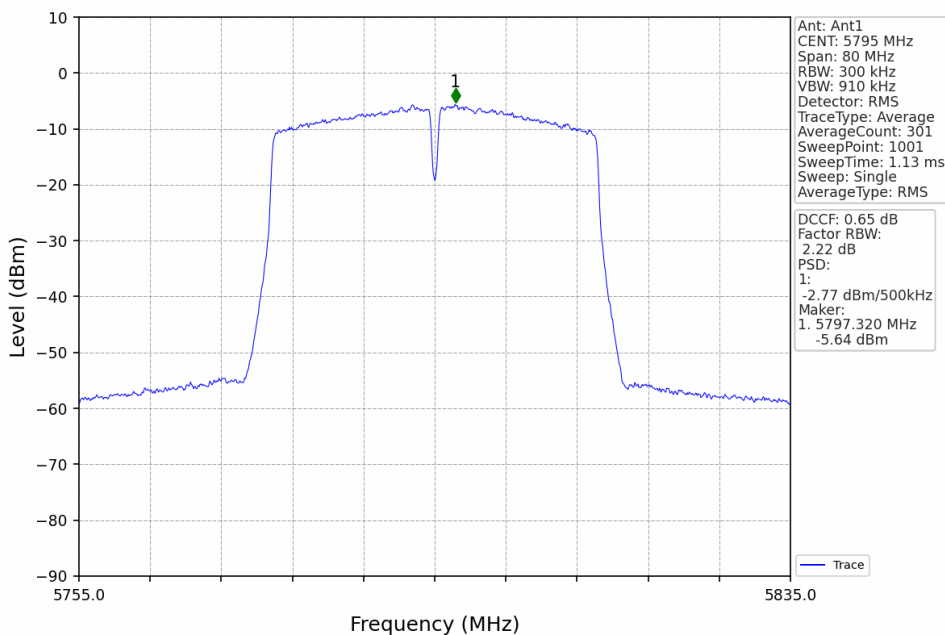
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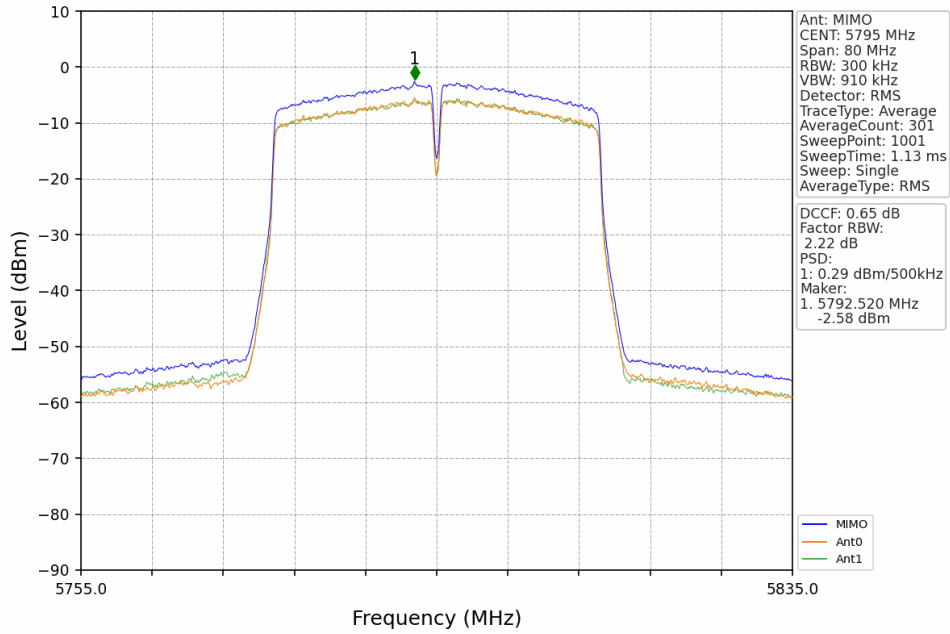
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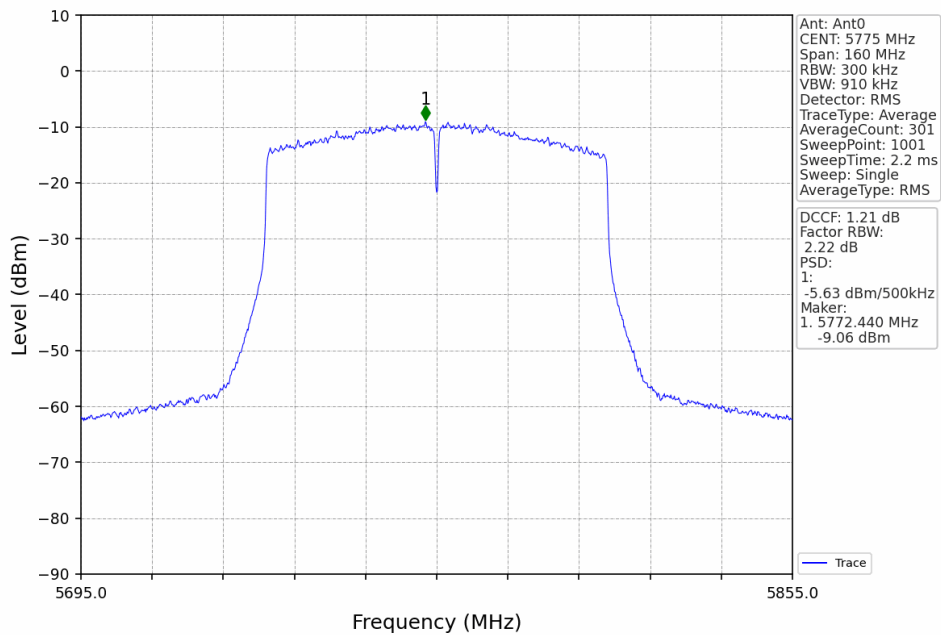
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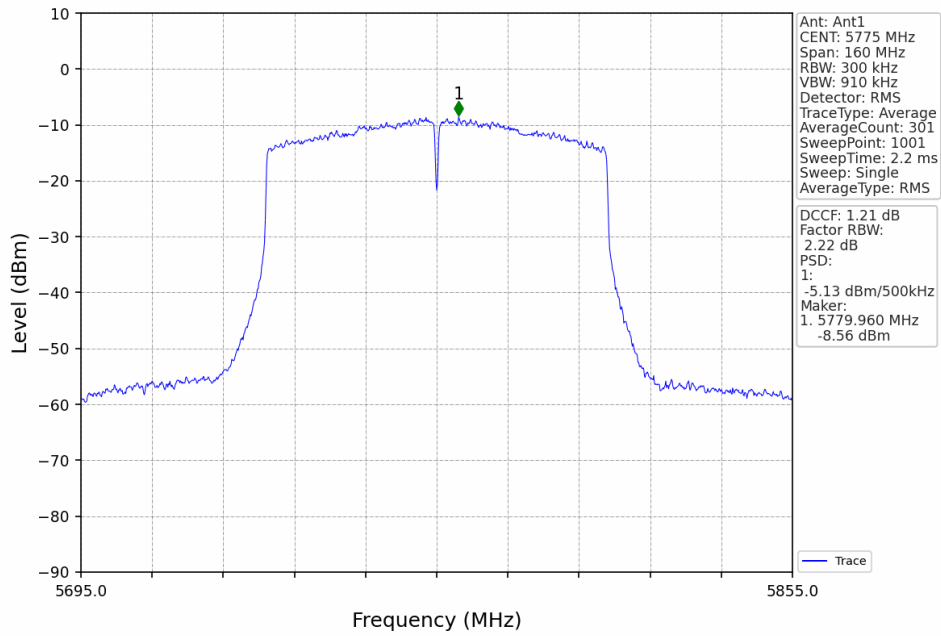
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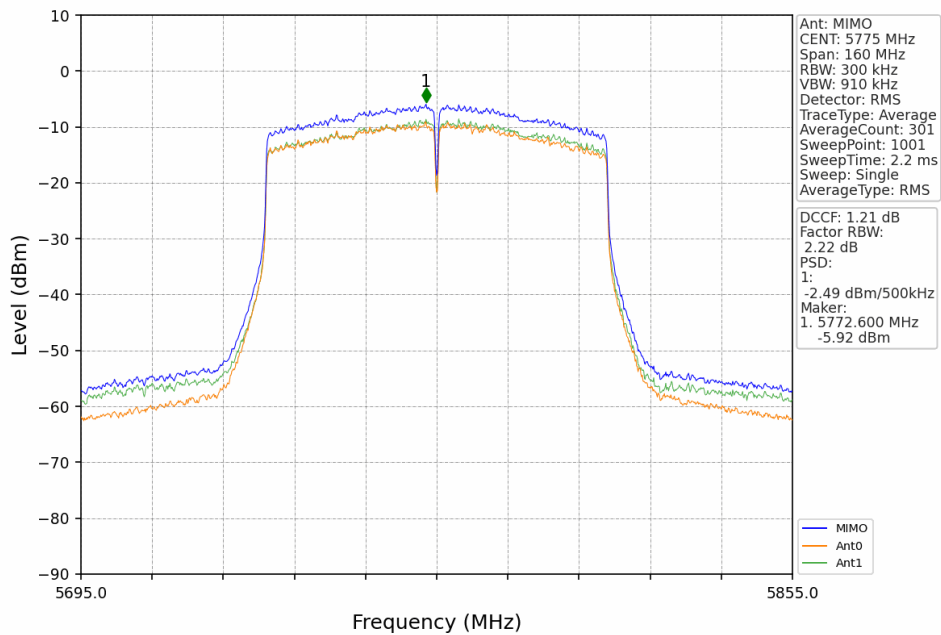
802.11ac(VHT80)_MCH_5775MHz_Ant0_NTNV



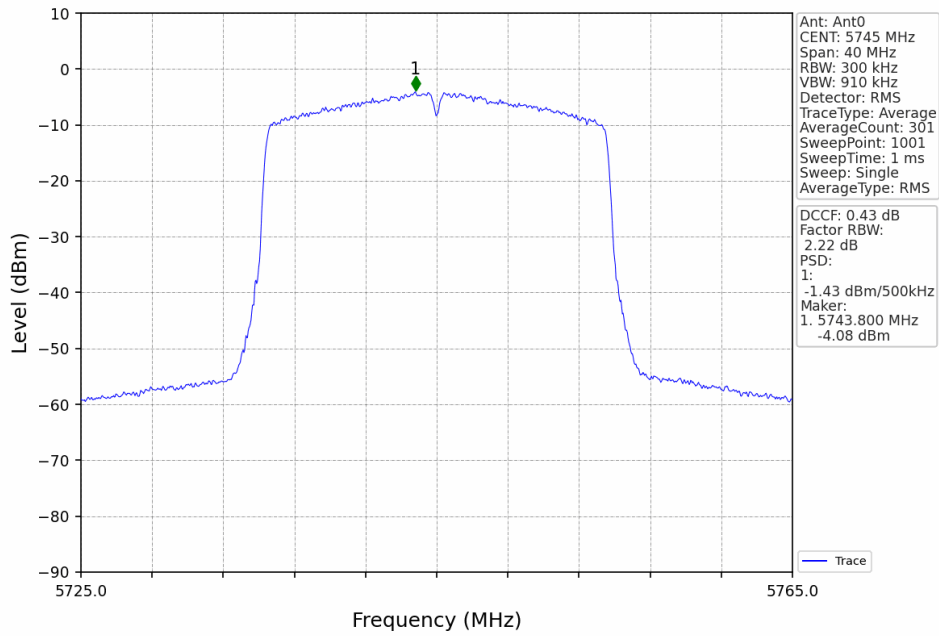
802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



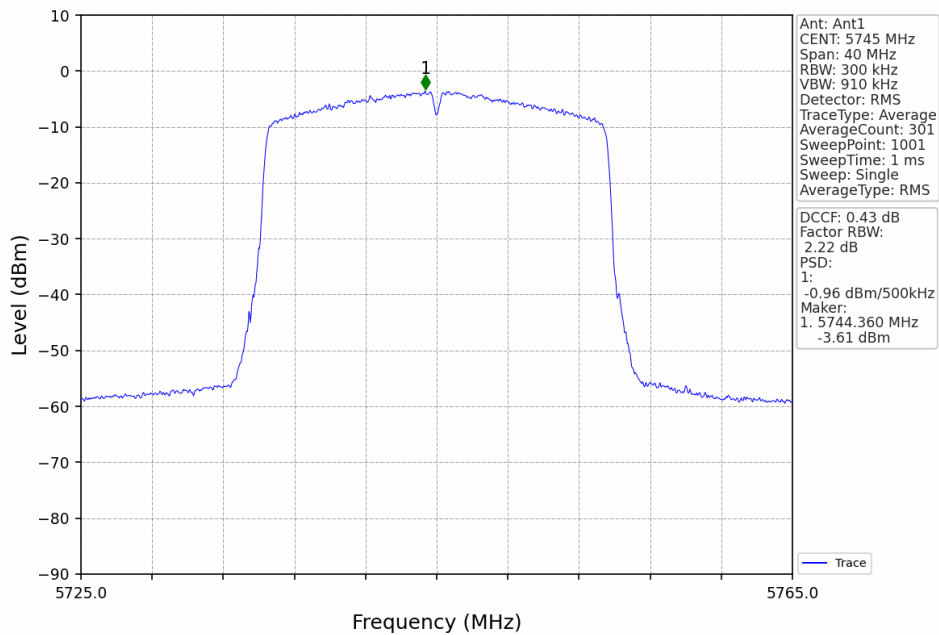
802.11ac(VHT80)_MCH_5775MHz_MIMO_NTNV



802.11ax(HEW20)_LCH_5745MHz_RU242_Left_Ant0_NTNV



802.11ax(HEW20)_LCH_5745MHz_RU242_Left_Ant1_NTNV



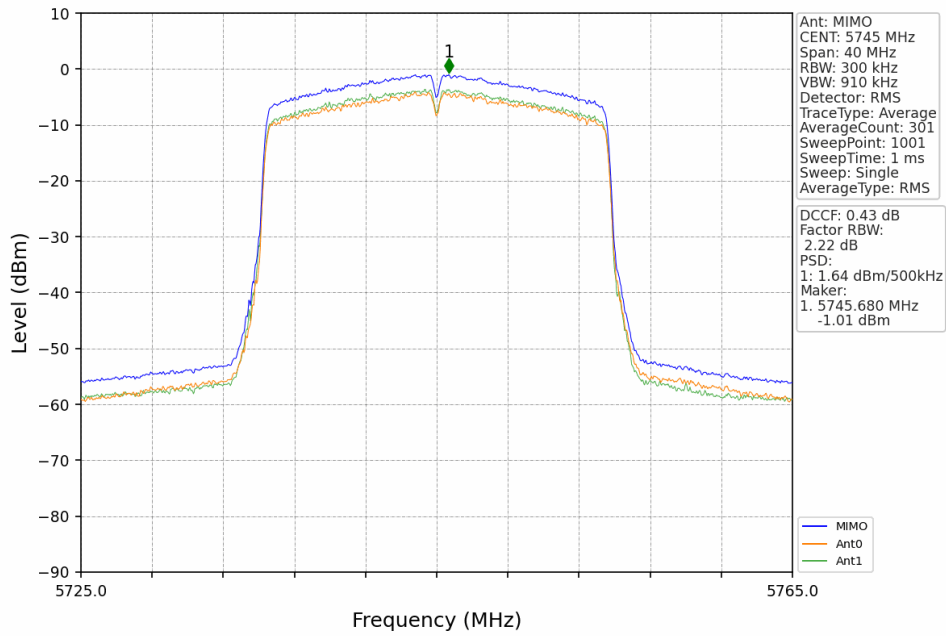
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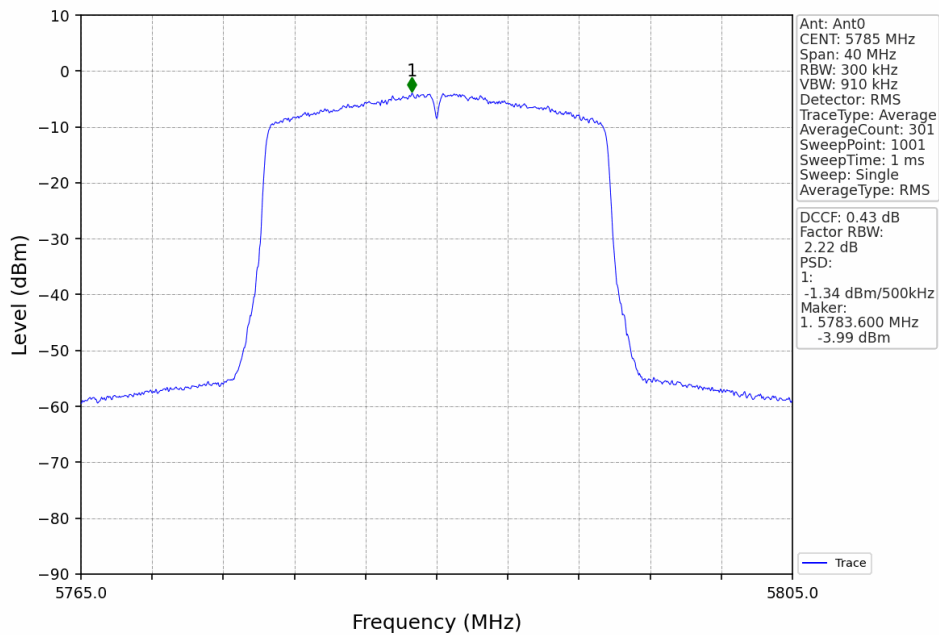
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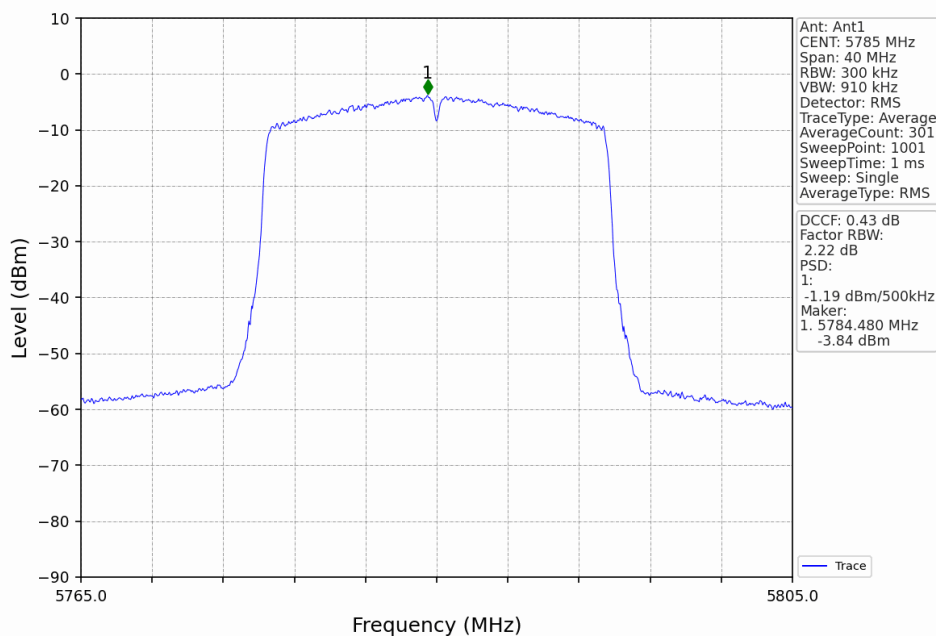
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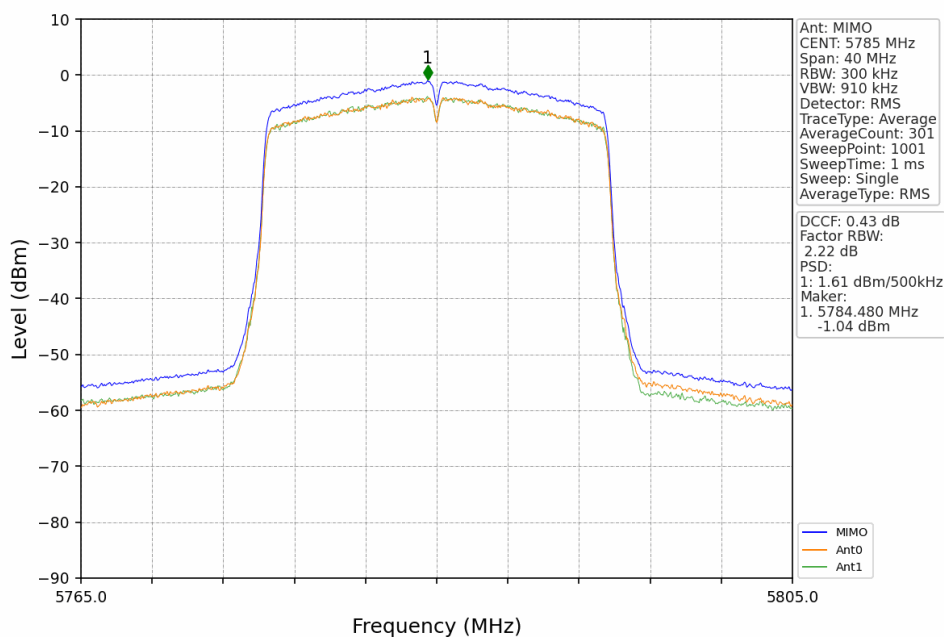
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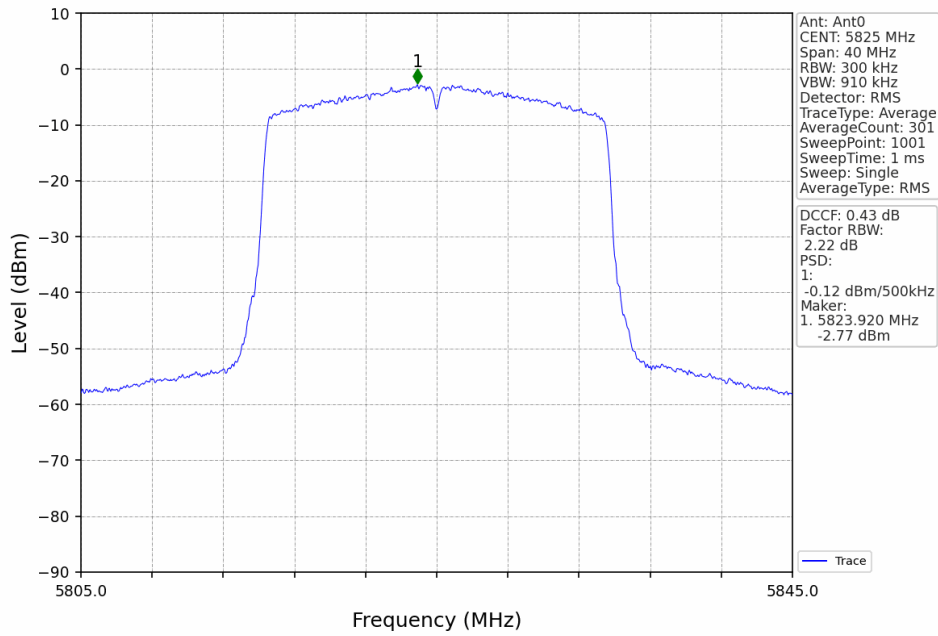
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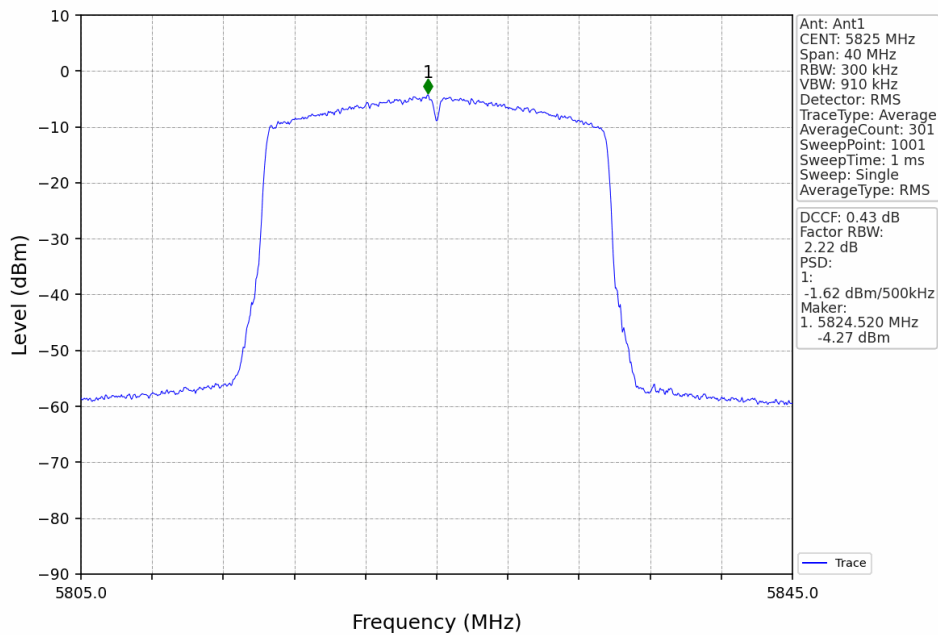
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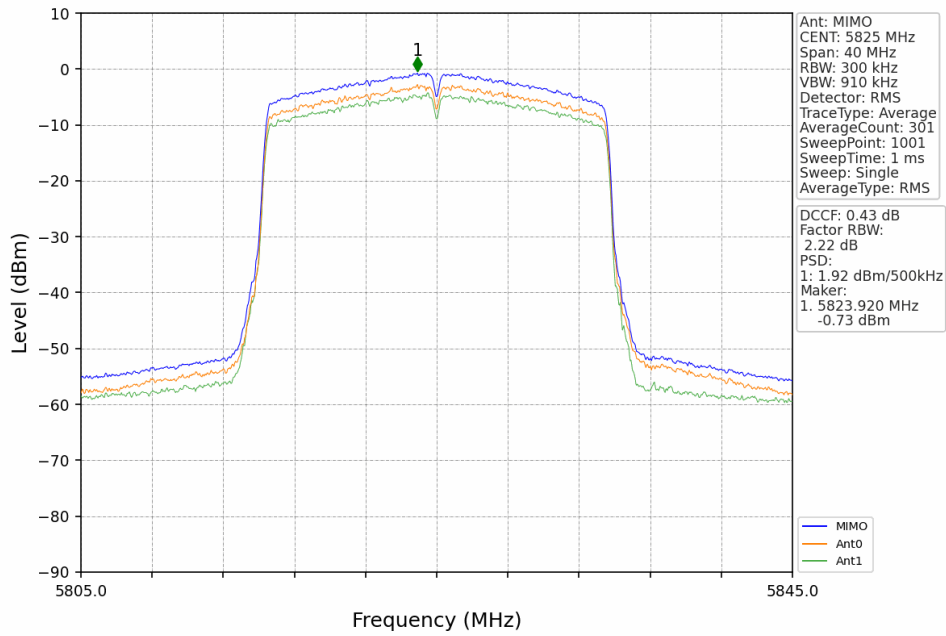
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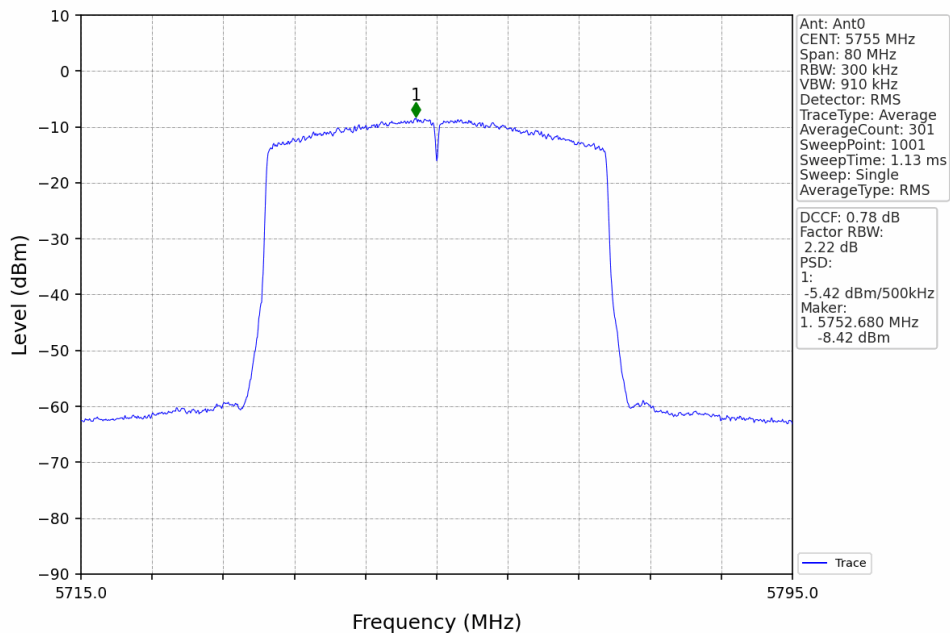
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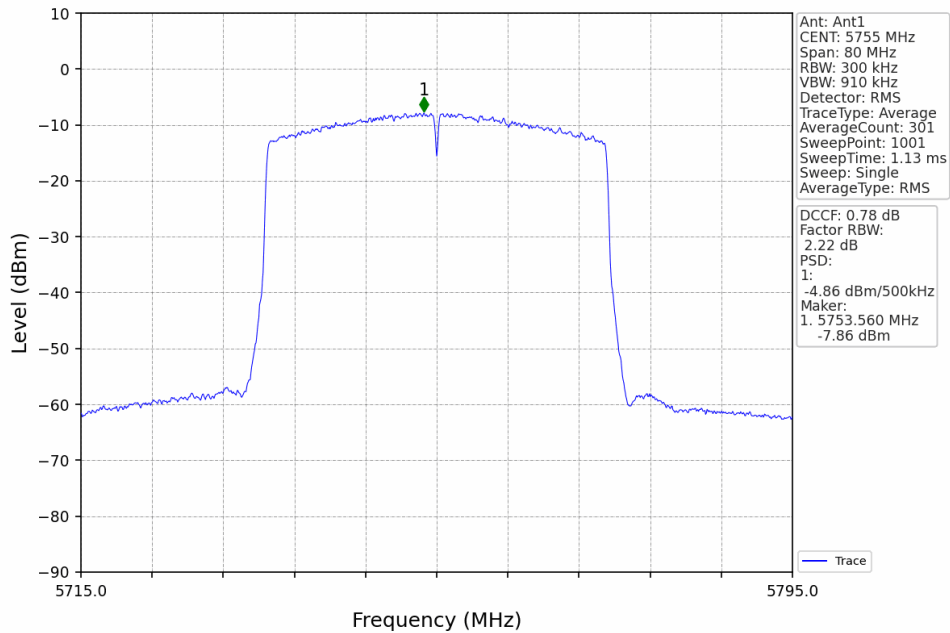
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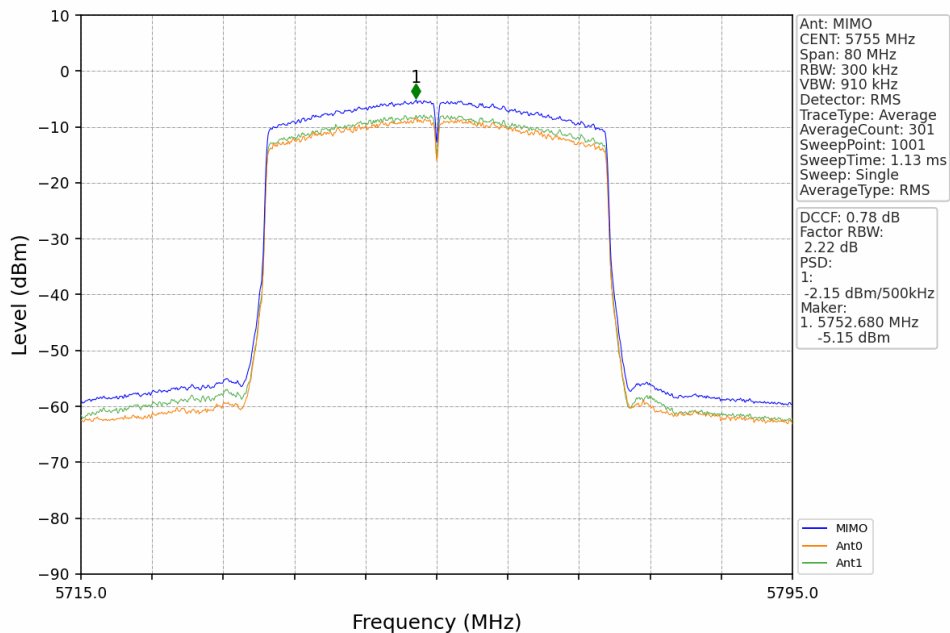
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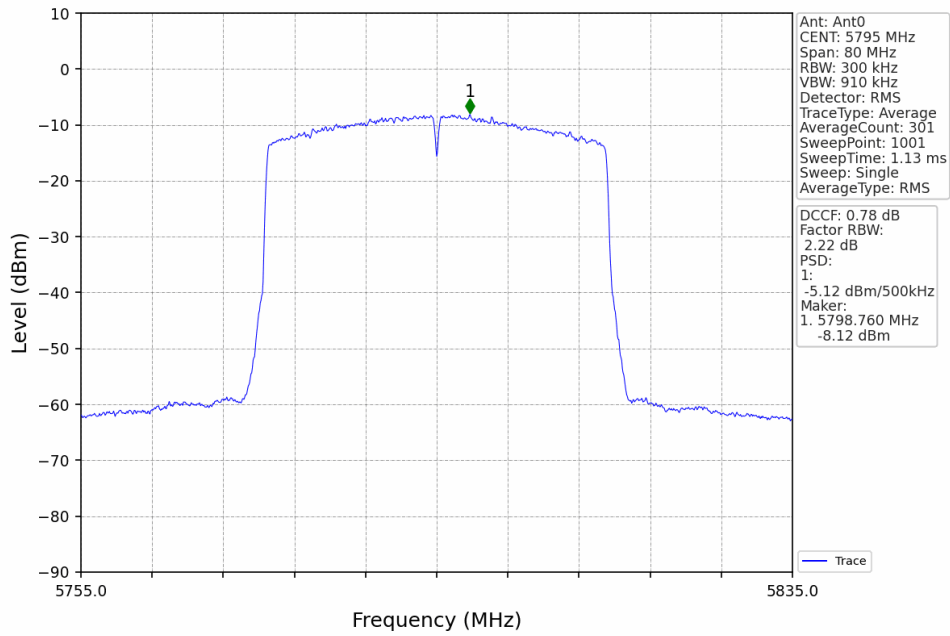
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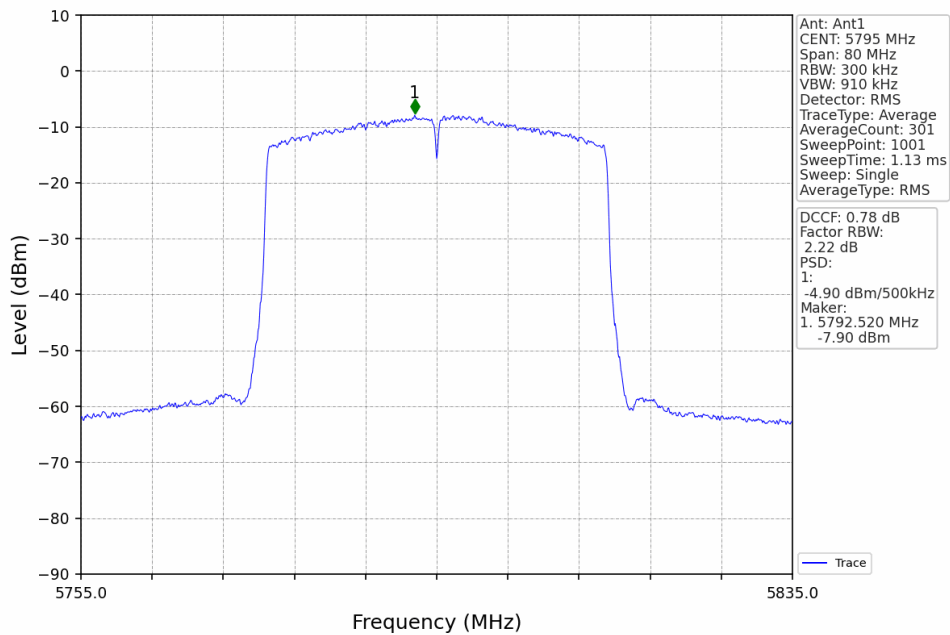
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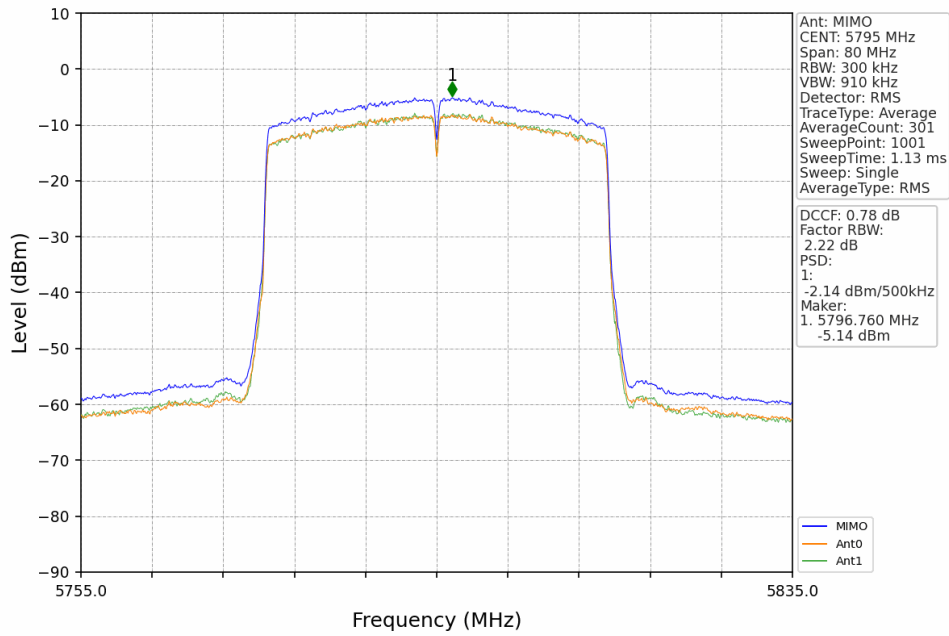
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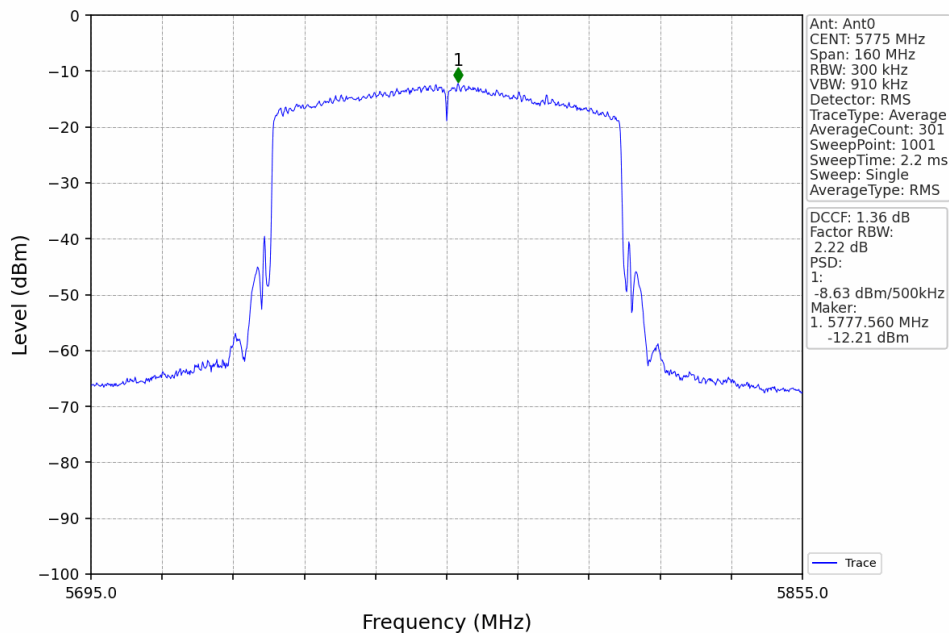
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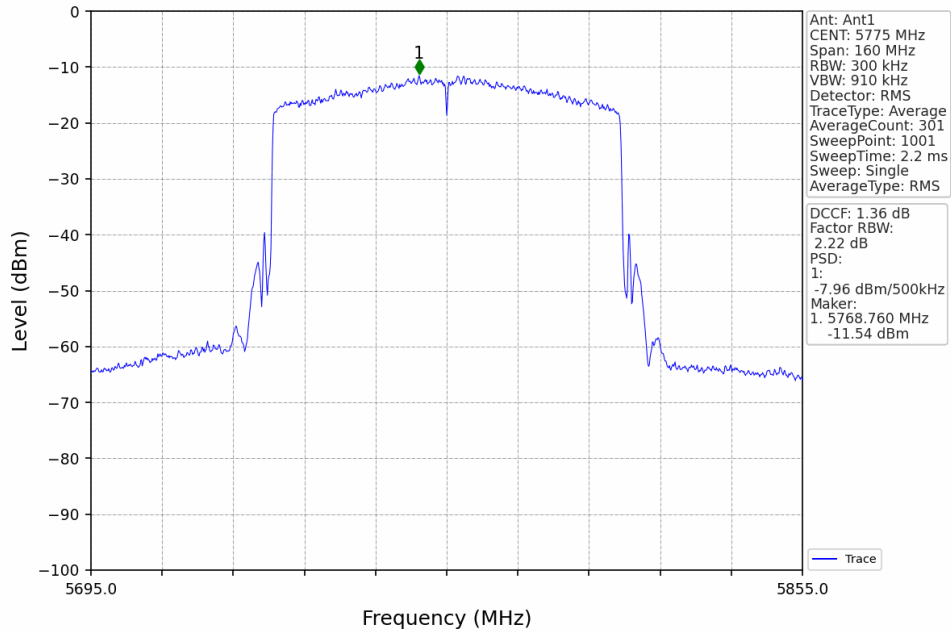
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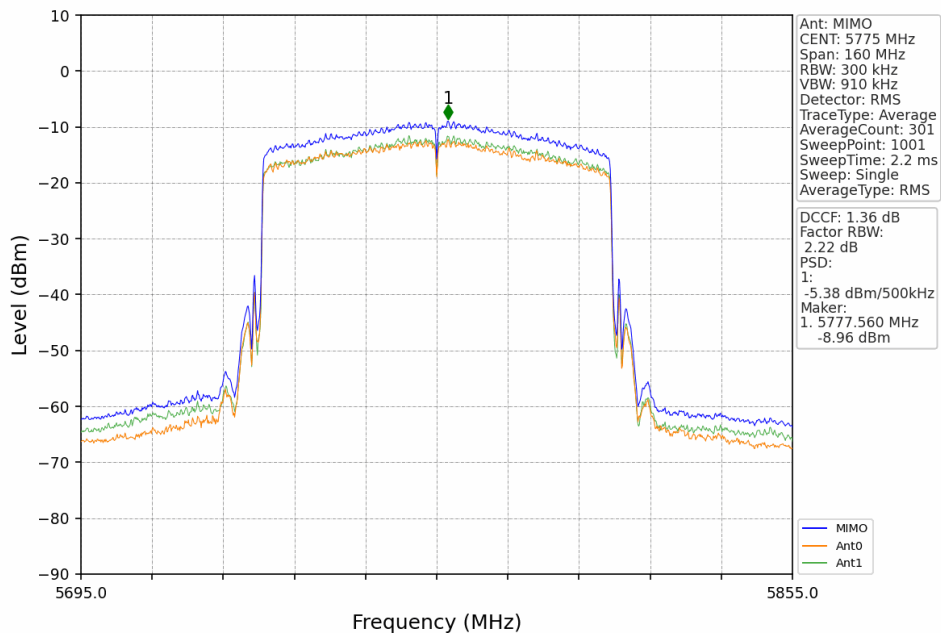
802.11ax(HEW80)_MCH_5775MHz_RU996_Left_Ant0_NTNV



802.11ax(HEW80)_MCH_5775MHz_RU996_Left_Ant1_NTNV



802.11ax(HEW80)_MCH_5775MHz_RU996_Left_MIMO_NTNV



5. Frequency Stability

5.1 Ant0

5.1.1 Test Result

Ant0									
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Temperature (°C)	Voltage (VAC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
802.11a	SISO	5180	/	/	20	102	5180.000	5150 to 5250	Pass
						120	5180.000	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	5180.000	5150 to 5250	Pass
					40	120	5180.000	5150 to 5250	Pass
					50	120	5179.980	5150 to 5250	Pass
		5200	/	/	20	102	5200.000	5150 to 5250	Pass
						120	5199.980	5150 to 5250	Pass
						138	5199.980	5150 to 5250	Pass
					-30	120	5199.980	5150 to 5250	Pass
					-20	120	5199.980	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	5200.000	5150 to 5250	Pass
					40	120	5199.980	5150 to 5250	Pass
					50	120	5199.980	5150 to 5250	Pass
		5240	/	/	20	102	5240.000	5150 to 5250	Pass
						120	5240.000	5150 to 5250	Pass
						138	5240.000	5150 to 5250	Pass
					-30	120	5240.000	5150 to 5250	Pass
					-20	120	5240.000	5150 to 5250	Pass
					-10	120	5240.000	5150 to 5250	Pass
					0	120	5240.000	5150 to 5250	Pass
					10	120	5240.000	5150 to 5250	Pass
					30	120	5239.980	5150 to 5250	Pass
					40	120	5240.000	5150 to 5250	Pass
					50	120	5240.000	5150 to 5250	Pass
		5745	/	/	20	102	5744.980	5725 to 5850	Pass
						120	5744.980	5725 to 5850	Pass
						138	5744.980	5725 to 5850	Pass
					-30	120	5745.000	5725 to 5850	Pass
					-20	120	5744.980	5725 to 5850	Pass
					-10	120	5744.980	5725 to 5850	Pass
					0	120	5744.980	5725 to 5850	Pass
					10	120	5744.980	5725 to 5850	Pass



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		5785	/	/	30	120	5744.980	5725 to 5850	Pass
					40	120	5744.980	5725 to 5850	Pass
					50	120	5744.980	5725 to 5850	Pass
					20	102	5785.000	5725 to 5850	Pass
						120	5785.000	5725 to 5850	Pass
						138	5784.980	5725 to 5850	Pass
					-30	120	5785.020	5725 to 5850	Pass
					-20	120	5785.000	5725 to 5850	Pass
					-10	120	5785.000	5725 to 5850	Pass
					0	120	5784.980	5725 to 5850	Pass
					10	120	5784.980	5725 to 5850	Pass
					30	120	5784.980	5725 to 5850	Pass
					40	120	5785.000	5725 to 5850	Pass
					50	120	5785.000	5725 to 5850	Pass
		5825	/	/	20	102	5824.980	5725 to 5850	Pass
						120	5825.000	5725 to 5850	Pass
						138	5824.980	5725 to 5850	Pass
					-30	120	5824.980	5725 to 5850	Pass
					-20	120	5824.960	5725 to 5850	Pass
					-10	120	5825.000	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	5825.000	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	5179.980	5150 to 5250	Pass
					-30	120	5180.000	5150 to 5250	Pass
					-20	120	5180.000	5150 to 5250	Pass
					-10	120	5180.020	5150 to 5250	Pass
					0	120	5180.000	5150 to 5250	Pass
					10	120	5180.000	5150 to 5250	Pass
					30	120	5180.000	5150 to 5250	Pass
					40	120	5180.020	5150 to 5250	Pass
					50	120	5180.000	5150 to 5250	Pass
		5200	/	/	20	102	5200.000	5150 to 5250	Pass
						120	5199.960	5150 to 5250	Pass
						138	5200.020	5150 to 5250	Pass
					-30	120	5200.000	5150 to 5250	Pass
					-20	120	5200.020	5150 to 5250	Pass
					-10	120	5200.000	5150 to 5250	Pass
					0	120	5200.000	5150 to 5250	Pass
					10	120	5200.000	5150 to 5250	Pass
					30	120	5200.000	5150 to 5250	Pass
					40	120	5200.000	5150 to 5250	Pass
					50	120	5200.000	5150 to 5250	Pass
		5240	/	/	20	102	5240.020	5150 to 5250	Pass
						120	5239.980	5150 to 5250	Pass
						138	5240.000	5150 to 5250	Pass
					-30	120	5240.020	5150 to 5250	Pass
					-20	120	5239.980	5150 to 5250	Pass
					-10	120	5240.040	5150 to 5250	Pass
					0	120	5240.000	5150 to 5250	Pass
					10	120	5240.000	5150 to 5250	Pass
					30	120	5239.980	5150 to 5250	Pass



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802.11n (HT40)	MIMO	5745	/	/	40	120	5240.020	5150 to 5250	Pass
					50	120	5240.000	5150 to 5250	Pass
					20	102	5744.980	5725 to 5850	Pass
						120	5745.000	5725 to 5850	Pass
						138	5744.980	5725 to 5850	Pass
					-30	120	5745.000	5725 to 5850	Pass
					-20	120	5745.020	5725 to 5850	Pass
					-10	120	5745.020	5725 to 5850	Pass
					0	120	5744.980	5725 to 5850	Pass
					10	120	5744.980	5725 to 5850	Pass
					30	120	5745.000	5725 to 5850	Pass
					40	120	5744.980	5725 to 5850	Pass
					50	120	5744.960	5725 to 5850	Pass
		5785	/	/	20	102	5784.960	5725 to 5850	Pass
						120	5785.000	5725 to 5850	Pass
						138	5785.000	5725 to 5850	Pass
					-30	120	5784.980	5725 to 5850	Pass
					-20	120	5785.000	5725 to 5850	Pass
					-10	120	5785.000	5725 to 5850	Pass
					0	120	5785.020	5725 to 5850	Pass
					10	120	5784.980	5725 to 5850	Pass
					30	120	5785.020	5725 to 5850	Pass
					40	120	5785.000	5725 to 5850	Pass
					50	120	5784.980	5725 to 5850	Pass
		5825	/	/	20	102	5825.000	5725 to 5850	Pass
						120	5824.980	5725 to 5850	Pass
						138	5824.980	5725 to 5850	Pass
					-30	120	5825.000	5725 to 5850	Pass
					-20	120	5825.000	5725 to 5850	Pass
					-10	120	5825.000	5725 to 5850	Pass
					0	120	5825.000	5725 to 5850	Pass
					10	120	5824.980	5725 to 5850	Pass
					30	120	5825.000	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	5190.000	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	5190.000	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	5230.000	5150 to 5250	Pass
						138	5230.040	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	5230.040	5150 to 5250	Pass
					30	120	5230.040	5150 to 5250	Pass
					40	120	5230.000	5150 to 5250	Pass



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		5755	/	/	50	120	5230.040	5150 to 5250	Pass
					20	102	5755.000	5725 to 5850	Pass
						120	5755.040	5725 to 5850	Pass
						138	5755.040	5725 to 5850	Pass
						120	5755.040	5725 to 5850	Pass
					-30	120	5755.000	5725 to 5850	Pass
					-20	120	5755.000	5725 to 5850	Pass
					-10	120	5755.000	5725 to 5850	Pass
					0	120	5755.040	5725 to 5850	Pass
					10	120	5755.040	5725 to 5850	Pass
					30	120	5755.000	5725 to 5850	Pass
					40	120	5755.000	5725 to 5850	Pass
					50	120	5755.040	5725 to 5850	Pass
		5795	/	/	20	102	5794.960	5725 to 5850	Pass
						120	5795.080	5725 to 5850	Pass
						138	5794.960	5725 to 5850	Pass
						120	5795.000	5725 to 5850	Pass
					-30	120	5795.000	5725 to 5850	Pass
					-20	120	5794.960	5725 to 5850	Pass
					-10	120	5795.000	5725 to 5850	Pass
					0	120	5795.040	5725 to 5850	Pass
					10	120	5794.960	5725 to 5850	Pass
					30	120	5795.000	5725 to 5850	Pass
					40	120	5795.040	5725 to 5850	Pass
					50	120	5795.040	5725 to 5850	Pass
802.11ac (VHT80)	MIMO	5210	/	/	20	102	5210.000	5150 to 5250	Pass
						120	5210.000	5150 to 5250	Pass
						138	5210.000	5150 to 5250	Pass
						120	5210.000	5150 to 5250	Pass
					-30	120	5210.000	5150 to 5250	Pass
					-20	120	5210.000	5150 to 5250	Pass
					-10	120	5210.000	5150 to 5250	Pass
					0	120	5210.000	5150 to 5250	Pass
					10	120	5210.000	5150 to 5250	Pass
					30	120	5210.000	5150 to 5250	Pass
					40	120	5210.000	5150 to 5250	Pass
					50	120	5210.075	5150 to 5250	Pass
		5775	/	/	20	102	5775.075	5725 to 5850	Pass
						120	5775.000	5725 to 5850	Pass
						138	5775.075	5725 to 5850	Pass
						120	5775.075	5725 to 5850	Pass
					-30	120	5775.075	5725 to 5850	Pass
					-20	120	5775.000	5725 to 5850	Pass
					-10	120	5775.000	5725 to 5850	Pass
					0	120	5775.075	5725 to 5850	Pass
					10	120	5775.075	5725 to 5850	Pass
					30	120	5775.075	5725 to 5850	Pass
					40	120	5775.000	5725 to 5850	Pass
					50	120	5775.075	5725 to 5850	Pass
802.11ax (HEW20)	MIMO	5180	RU242	Left	20	102	5180.000	5150 to 5250	Pass
						120	5180.000	5150 to 5250	Pass
						138	5180.000	5150 to 5250	Pass
						120	5180.000	5150 to 5250	Pass
					-30	120	5179.980	5150 to 5250	Pass
					-20	120	5180.000	5150 to 5250	Pass
					-10	120	5179.980	5150 to 5250	Pass
					0	120	5180.000	5150 to 5250	Pass
					10	120	5180.000	5150 to 5250	Pass
					30	120	5179.980	5150 to 5250	Pass
					40	120	5180.000	5150 to 5250	Pass
					50	120	5180.000	5150 to 5250	Pass



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		5200	RU242	Left	20	102	5200.000	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
					-20	120	5200.000	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	5200.000	5150 to 5250	Pass
					40	120	5200.000	5150 to 5250	Pass
					50	120	5199.980	5150 to 5250	Pass
		5240	RU242	Left	20	102	5240.000	5150 to 5250	Pass
						120	5239.980	5150 to 5250	Pass
						138	5240.000	5150 to 5250	Pass
					-30	120	5240.000	5150 to 5250	Pass
					-20	120	5240.000	5150 to 5250	Pass
					-10	120	5239.980	5150 to 5250	Pass
					0	120	5240.000	5150 to 5250	Pass
					10	120	5239.980	5150 to 5250	Pass
					30	120	5239.980	5150 to 5250	Pass
					40	120	5240.000	5150 to 5250	Pass
					50	120	5240.000	5150 to 5250	Pass
		5745	RU242	Left	20	102	5745.000	5725 to 5850	Pass
						120	5745.000	5725 to 5850	Pass
						138	5744.980	5725 to 5850	Pass
					-30	120	5745.000	5725 to 5850	Pass
					-20	120	5744.980	5725 to 5850	Pass
					-10	120	5744.960	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	5744.980	5725 to 5850	Pass
					50	120	5744.960	5725 to 5850	Pass
		5785	RU242	Left	20	102	5785.000	5725 to 5850	Pass
						120	5785.020	5725 to 5850	Pass
						138	5784.960	5725 to 5850	Pass
					-30	120	5785.000	5725 to 5850	Pass
					-20	120	5785.000	5725 to 5850	Pass
					-10	120	5785.020	5725 to 5850	Pass
					0	120	5785.000	5725 to 5850	Pass
					10	120	5785.000	5725 to 5850	Pass
					30	120	5784.980	5725 to 5850	Pass
					40	120	5784.980	5725 to 5850	Pass
					50	120	5785.000	5725 to 5850	Pass
		5825	RU242	Left	20	102	5825.000	5725 to 5850	Pass
						120	5824.980	5725 to 5850	Pass
						138	5824.980	5725 to 5850	Pass
					-30	120	5825.000	5725 to 5850	Pass
					-20	120	5824.980	5725 to 5850	Pass
					-10	120	5824.980	5725 to 5850	Pass
					0	120	5824.960	5725 to 5850	Pass
					10	120	5824.960	5725 to 5850	Pass
					30	120	5824.980	5725 to 5850	Pass
					40	120	5825.000	5725 to 5850	Pass
					50	120	5824.960	5725 to 5850	Pass
802.11ax	MIMO	5190	RU484	Left	20	102	5190.000	5150 to 5250	Pass



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(HEW40)						120	5190.000	5150 to 5250	Pass
						138	5190.000	5150 to 5250	Pass
					-30	120	5189.920	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	5190.040	5150 to 5250	Pass
					30	120	5190.080	5150 to 5250	Pass
					40	120	5190.040	5150 to 5250	Pass
					50	120	5190.040	5150 to 5250	Pass
		5230	RU484	Left	20	102	5230.040	5150 to 5250	Pass
						120	5230.080	5150 to 5250	Pass
						138	5230.000	5150 to 5250	Pass
					-30	120	5230.040	5150 to 5250	Pass
					-20	120	5230.000	5150 to 5250	Pass
					-10	120	5230.040	5150 to 5250	Pass
					0	120	5230.000	5150 to 5250	Pass
					10	120	5230.080	5150 to 5250	Pass
					30	120	5230.040	5150 to 5250	Pass
					40	120	5230.040	5150 to 5250	Pass
					50	120	5230.000	5150 to 5250	Pass
		5755	RU484	Left	20	102	5755.000	5725 to 5850	Pass
						120	5755.000	5725 to 5850	Pass
						138	5754.960	5725 to 5850	Pass
					-30	120	5755.000	5725 to 5850	Pass
					-20	120	5755.000	5725 to 5850	Pass
					-10	120	5755.000	5725 to 5850	Pass
					0	120	5755.000	5725 to 5850	Pass
					10	120	5754.920	5725 to 5850	Pass
					30	120	5754.960	5725 to 5850	Pass
					40	120	5755.040	5725 to 5850	Pass
					50	120	5755.000	5725 to 5850	Pass
		5795	RU484	Left	20	102	5795.000	5725 to 5850	Pass
						120	5794.960	5725 to 5850	Pass
						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	5795.000	5725 to 5850	Pass
					0	120	5795.000	5725 to 5850	Pass
					10	120	5795.040	5725 to 5850	Pass
					30	120	5795.000	5725 to 5850	Pass
					40	120	5794.920	5725 to 5850	Pass
					50	120	5794.960	5725 to 5850	Pass
802.11ax (HEW80)	MIMO	5210	RU996	Left	20	102	5210.075	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
					-20	120	5210.000	5150 to 5250	Pass
					-10	120	5210.000	5150 to 5250	Pass
					0	120	5210.000	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	5210.000	5150 to 5250	Pass
		5775	RU996	Left	20	102	5775.000	5725 to 5850	Pass
						120	5775.000	5725 to 5850	Pass



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						138	5775.000	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	5775.000	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

- End of the Report -



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