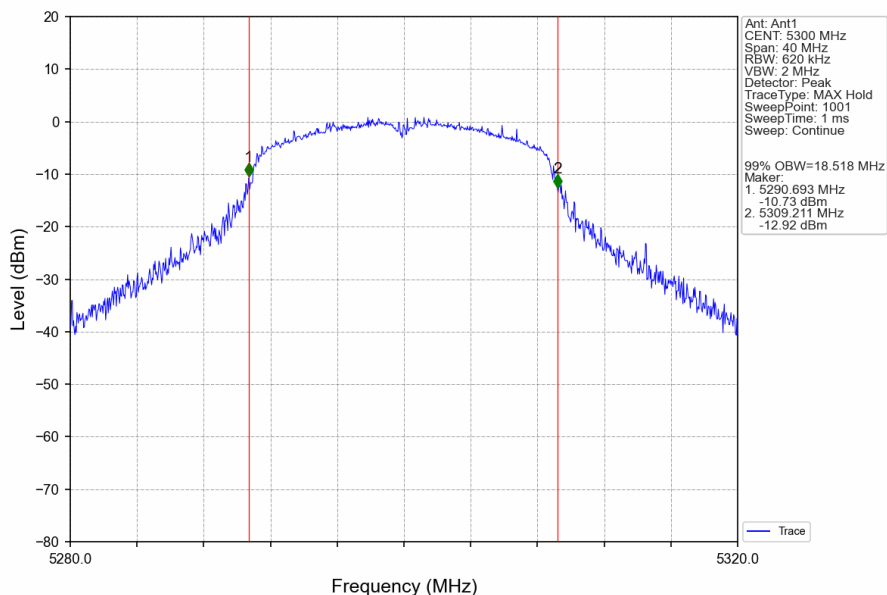
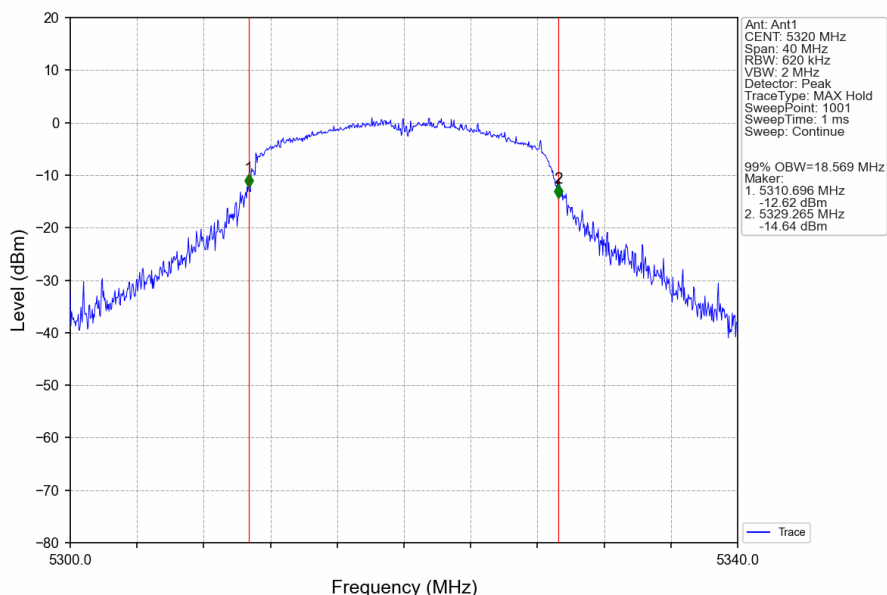


802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



802.11n(HT20)_HCH_5320MHz_Ant1_NTNV

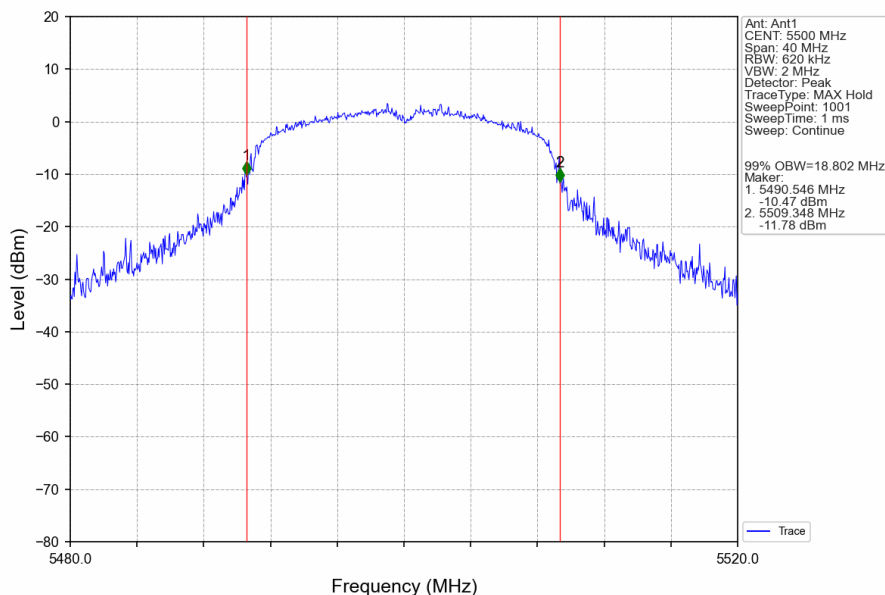


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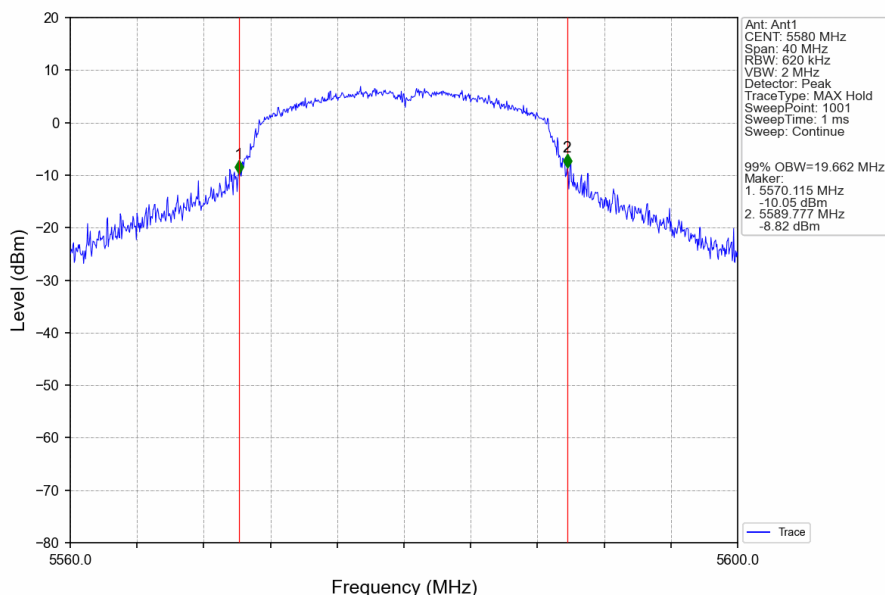
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802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



802.11n(HT20)_MCH_5580MHz_Ant1_NTNV

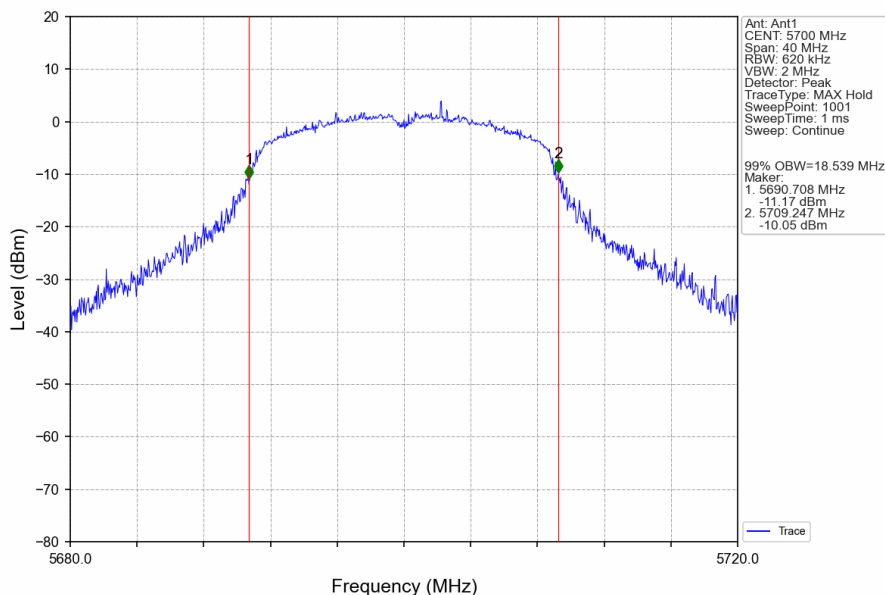


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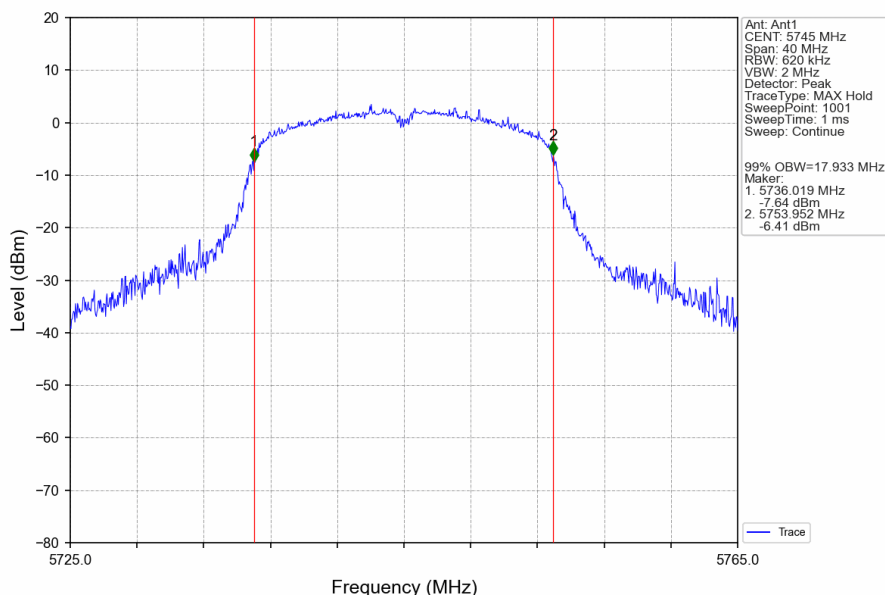
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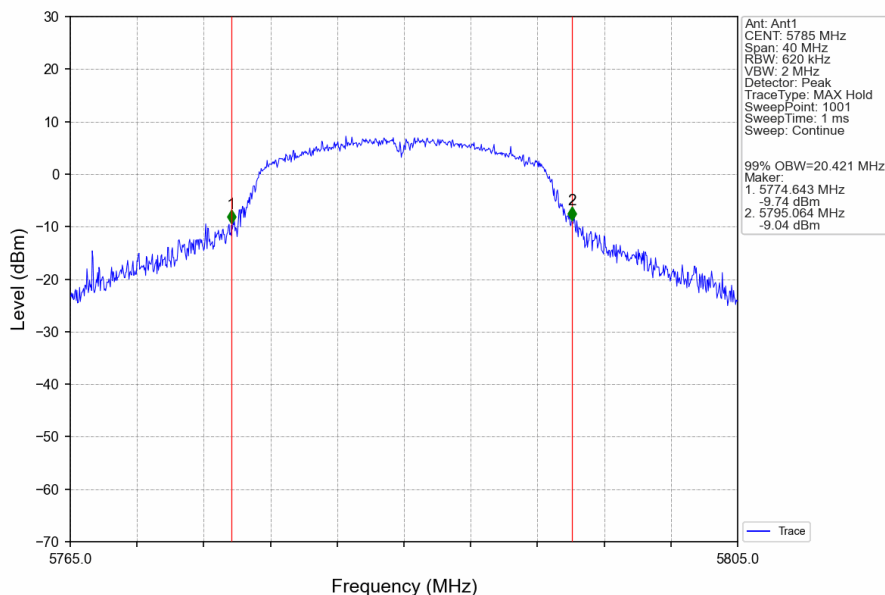
802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



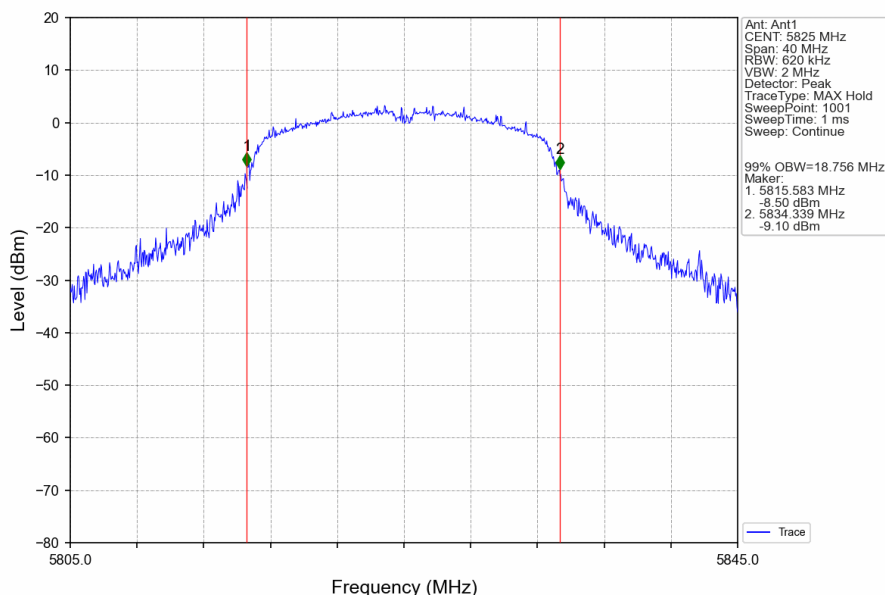
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



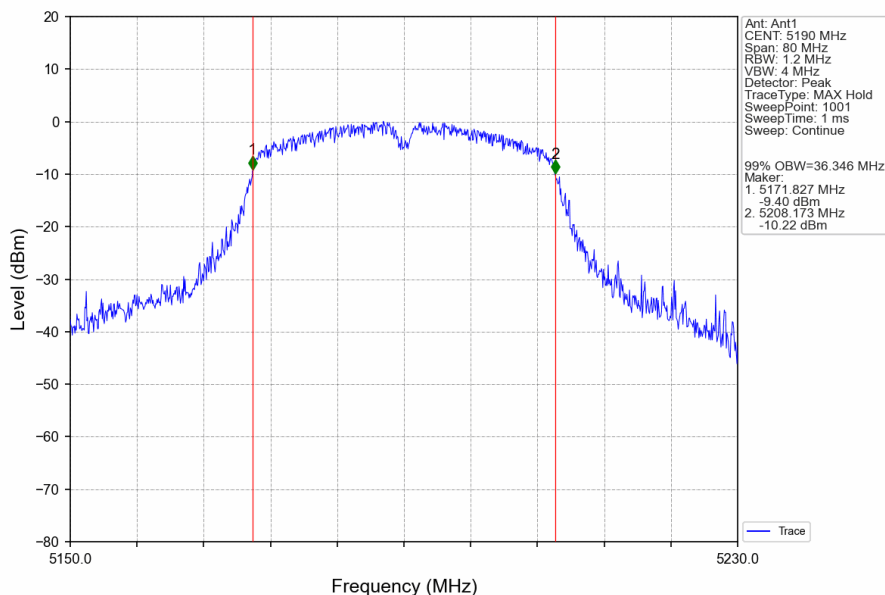
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



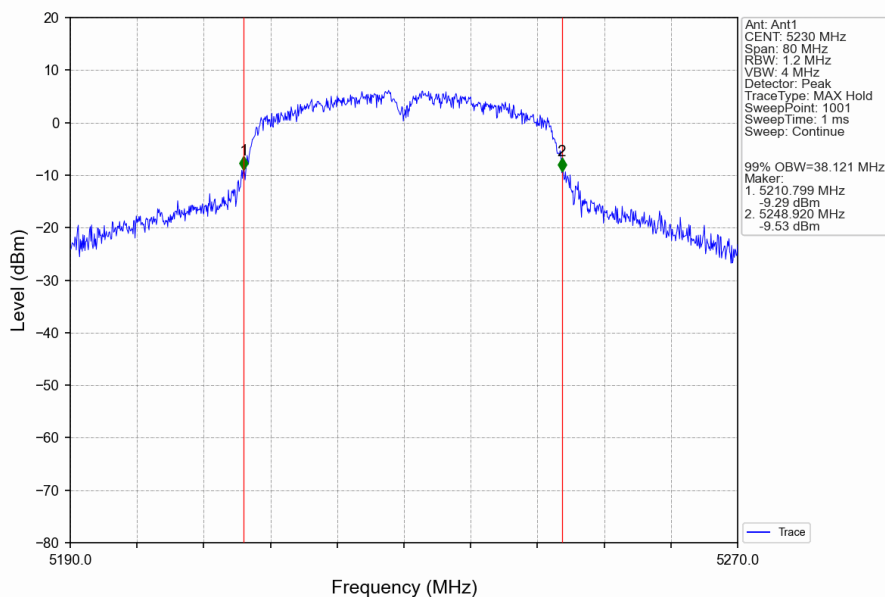
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



802.11n(HT40)_HCH_5230MHz_Ant1_NTNV

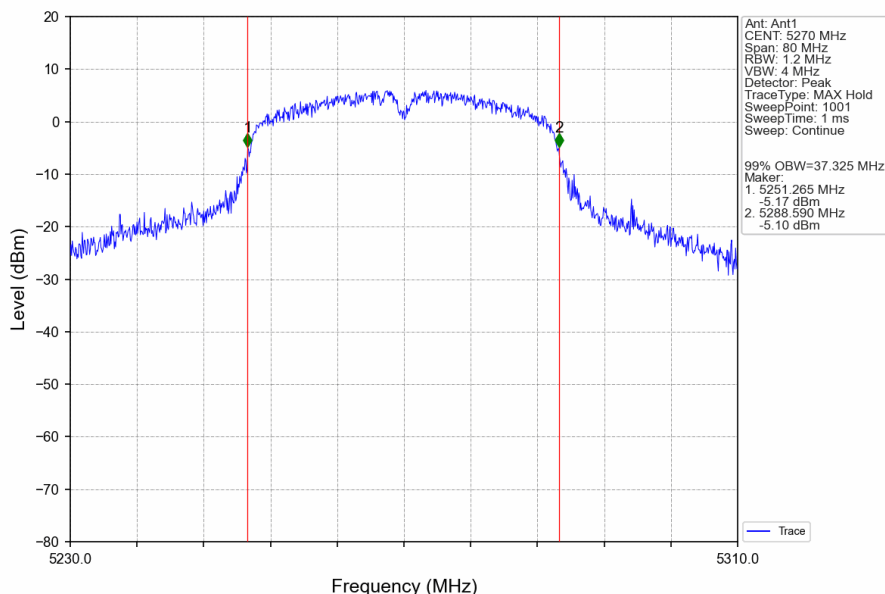


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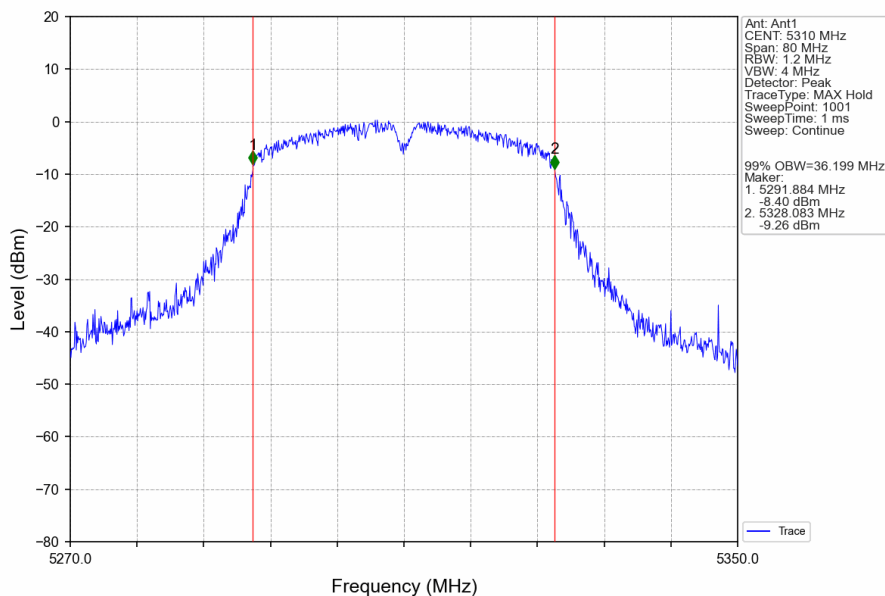
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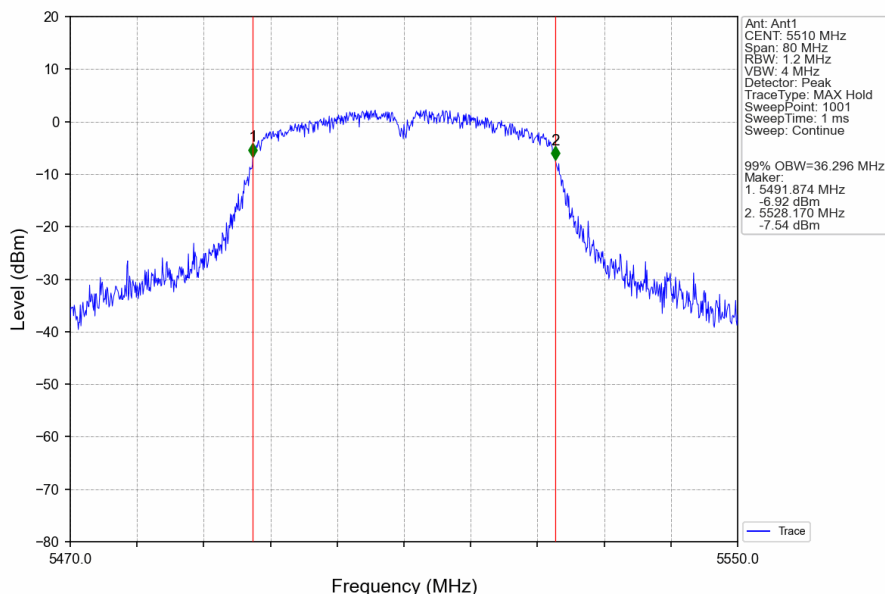
802.11n(HT40)_LCH_5270MHz_Ant1_NTNV



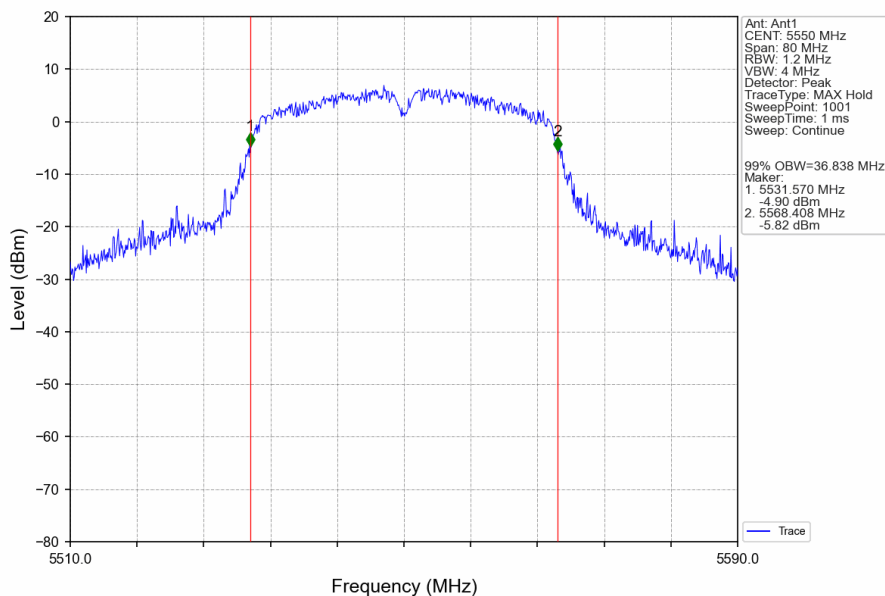
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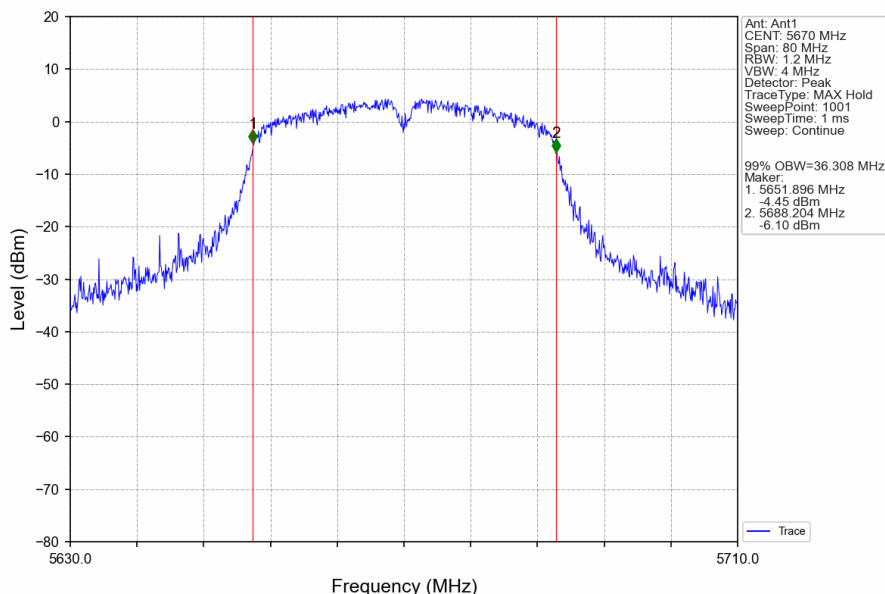
802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



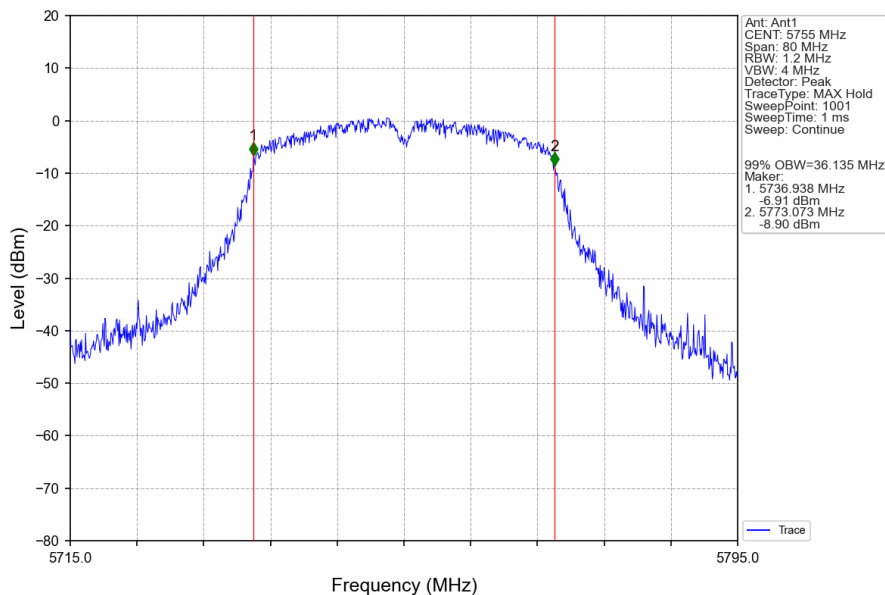
802.11n(HT40)_MCH_5550MHz_Ant1_NTNV



802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



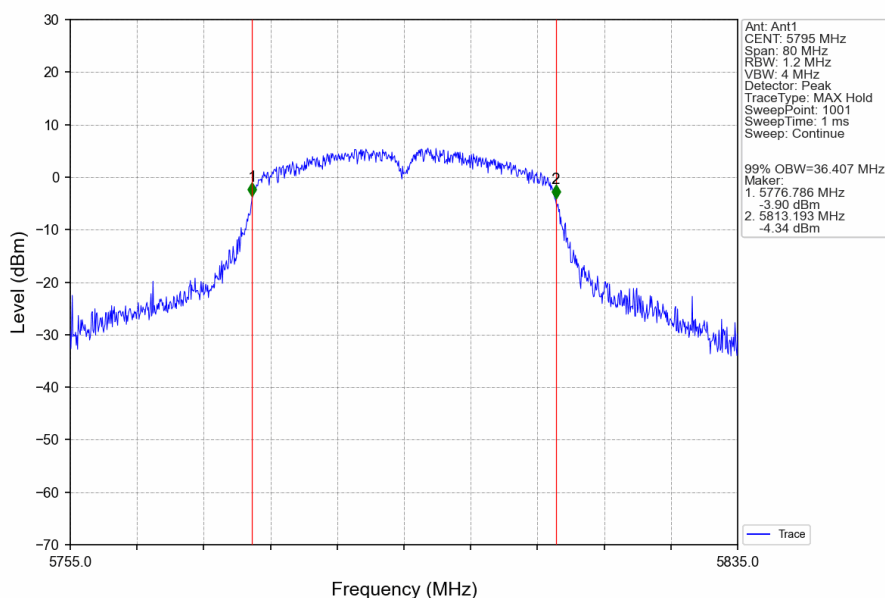
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802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



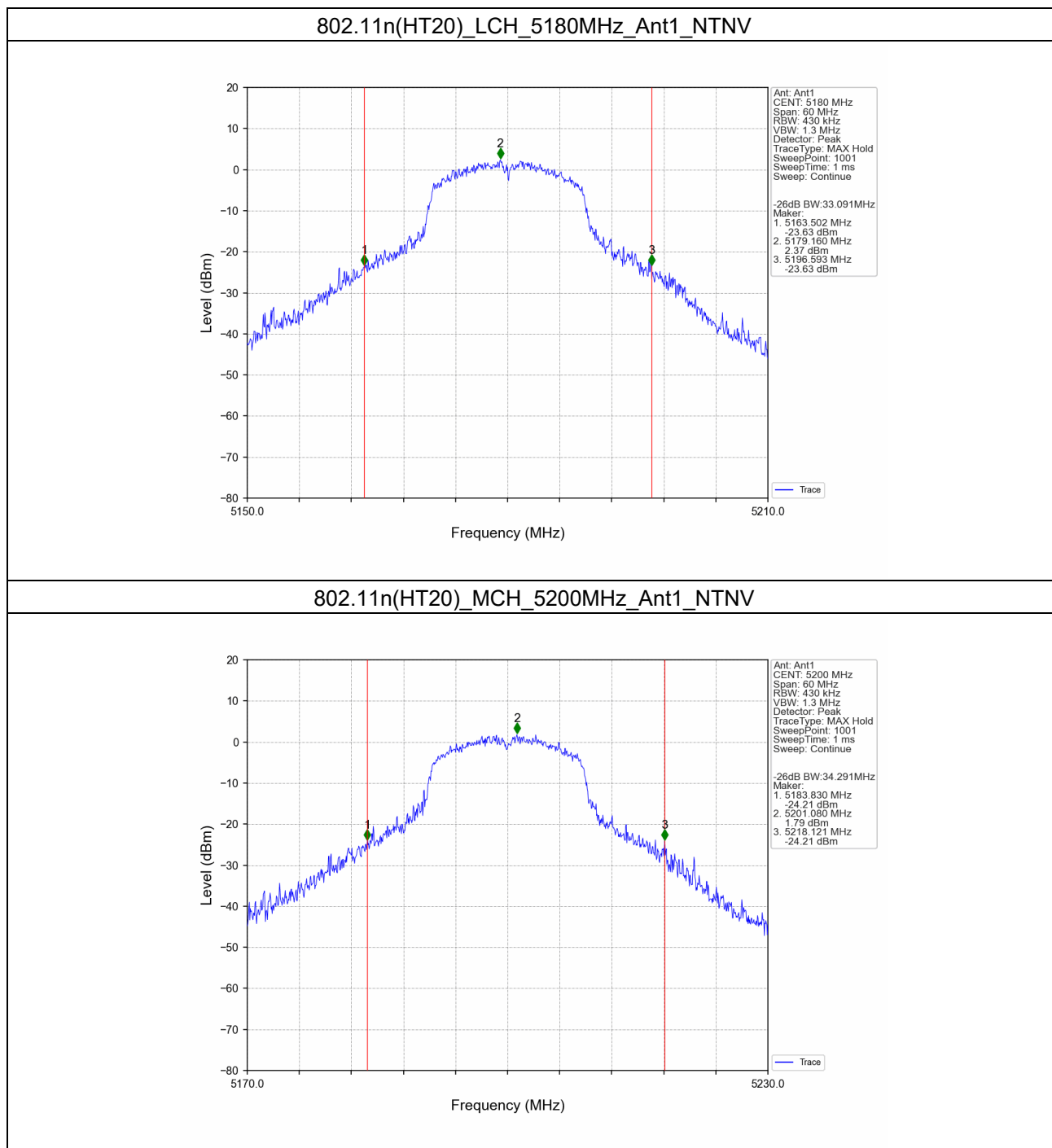
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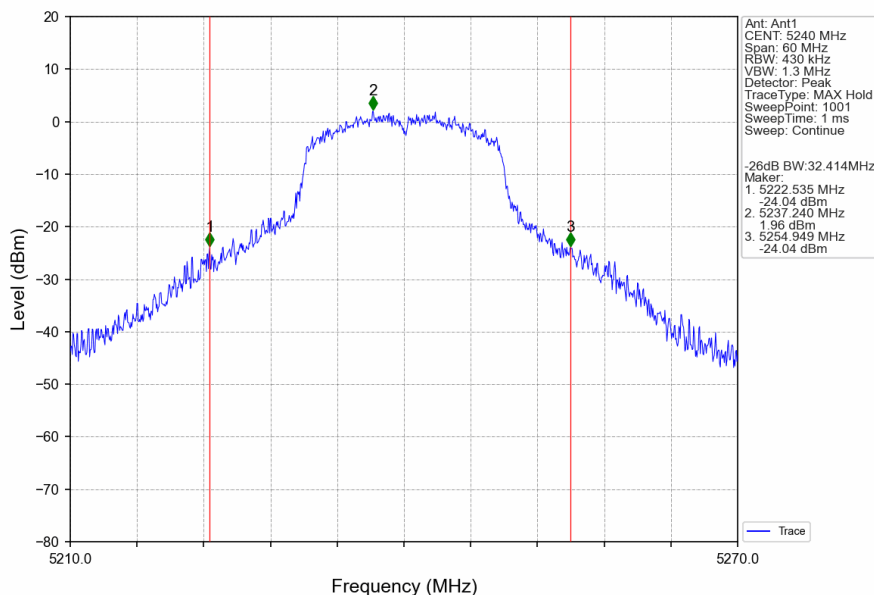
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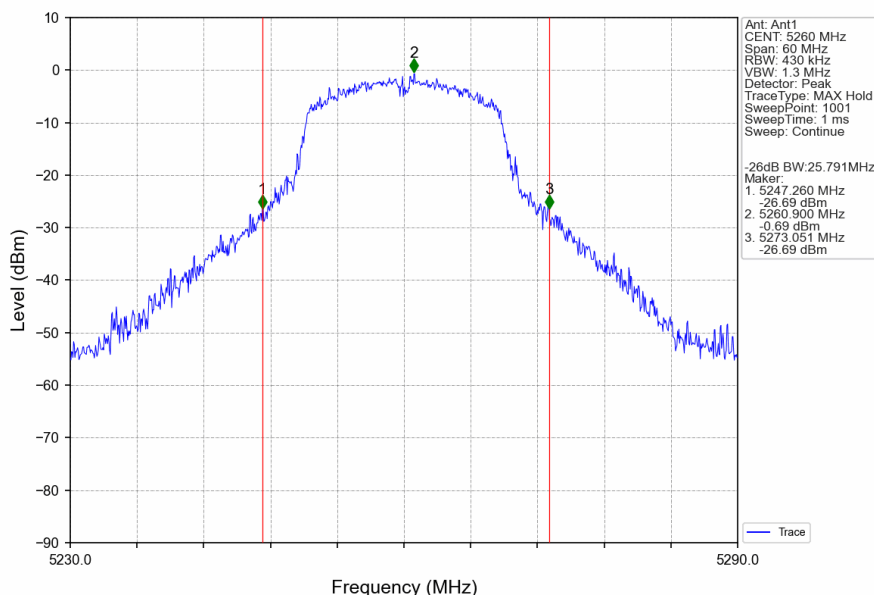
2.2.2 26dB BW



802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



802.11n(HT20)_LCH_5260MHz_Ant1_NTNV

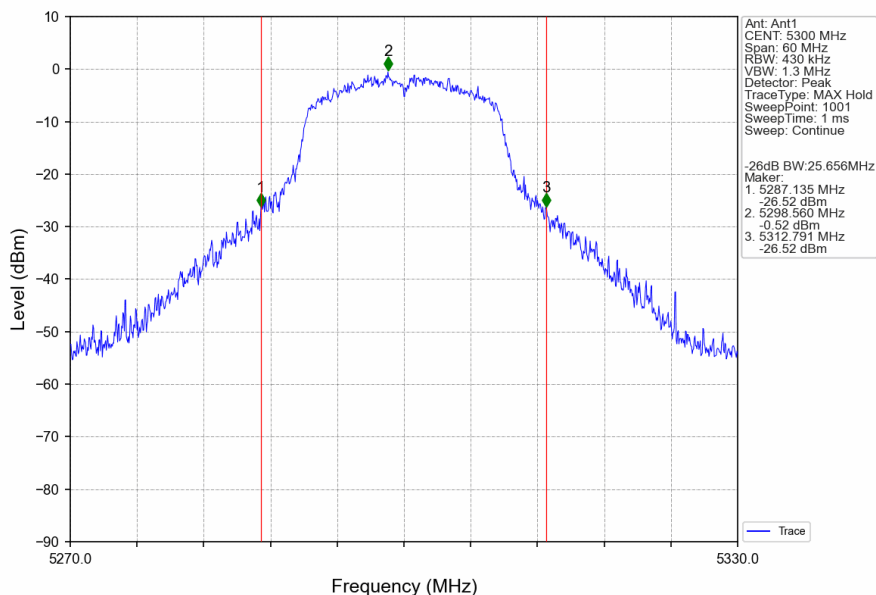


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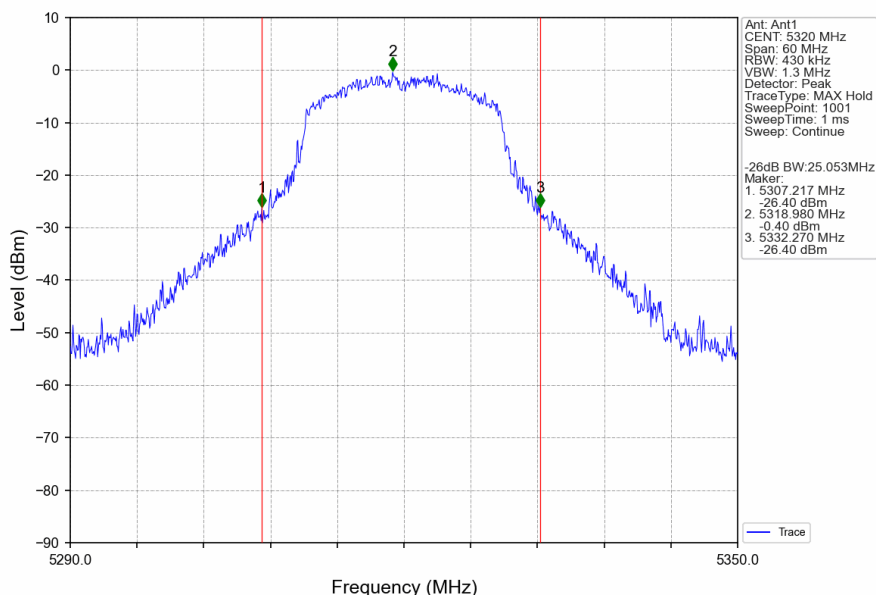
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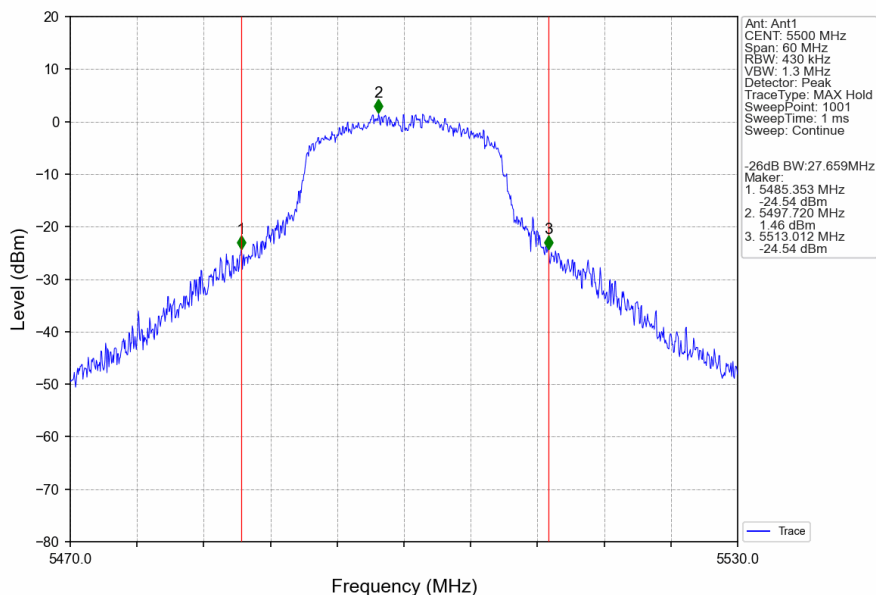
802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



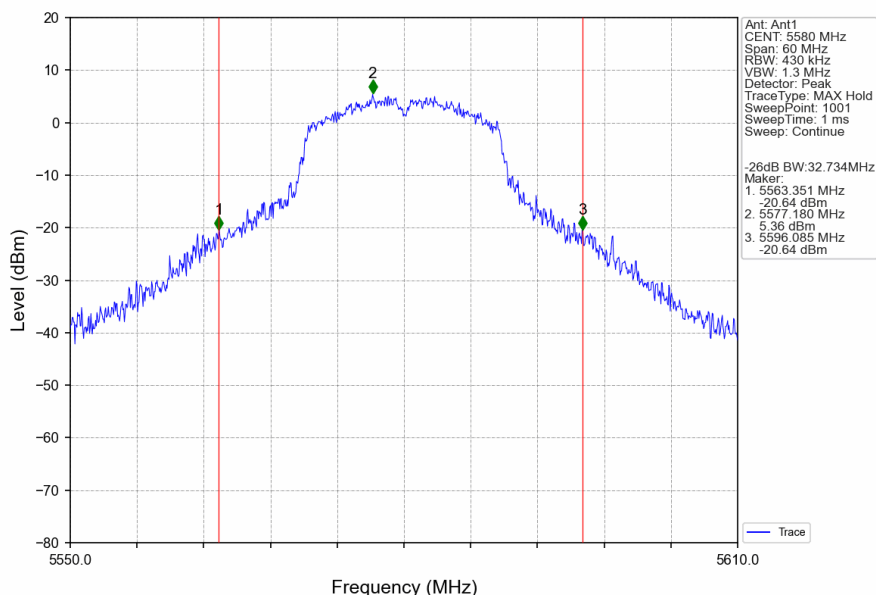
802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



802.11n(HT20)_MCH_5580MHz_Ant1_NTNV

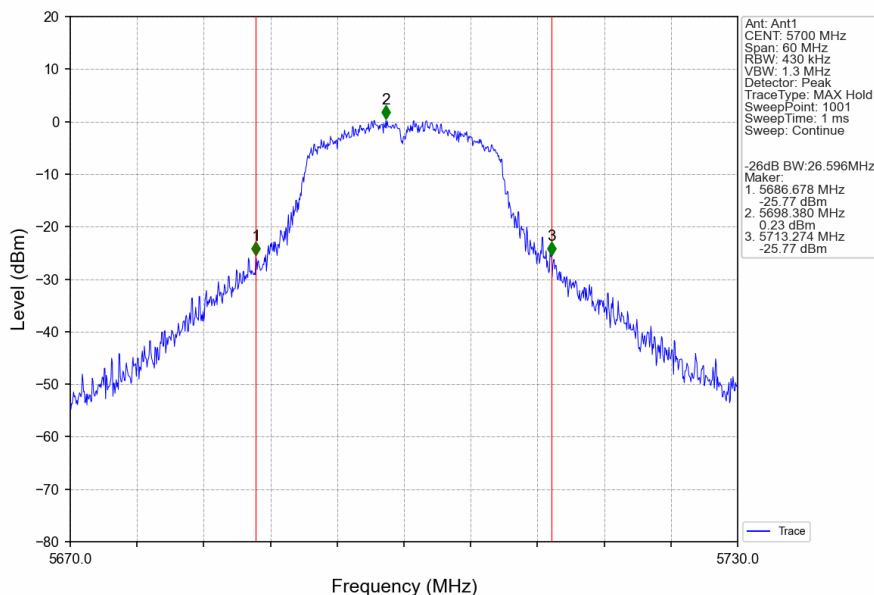


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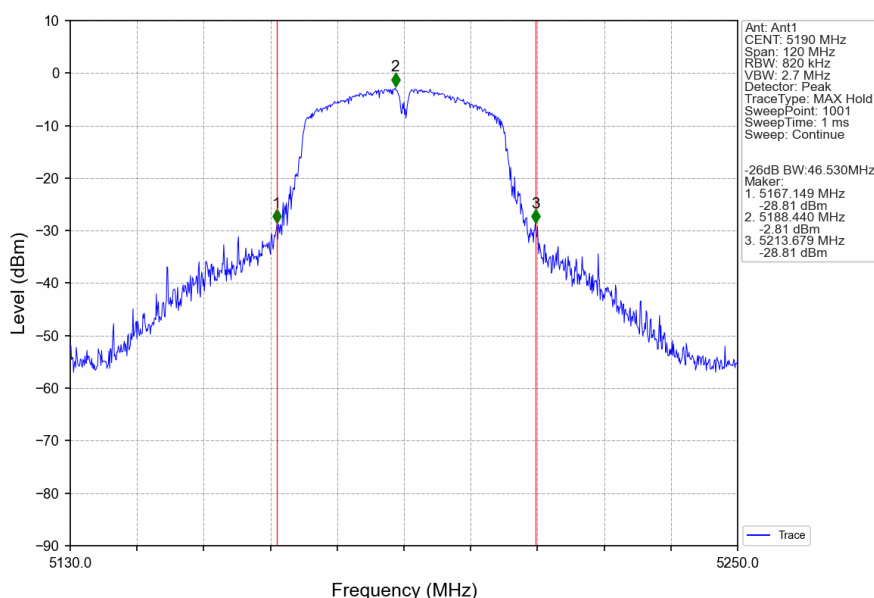
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802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



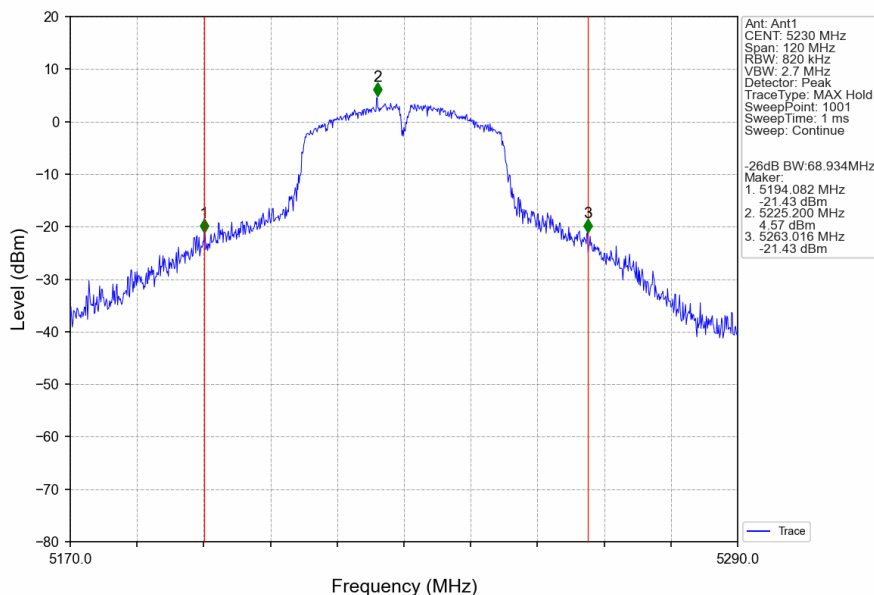
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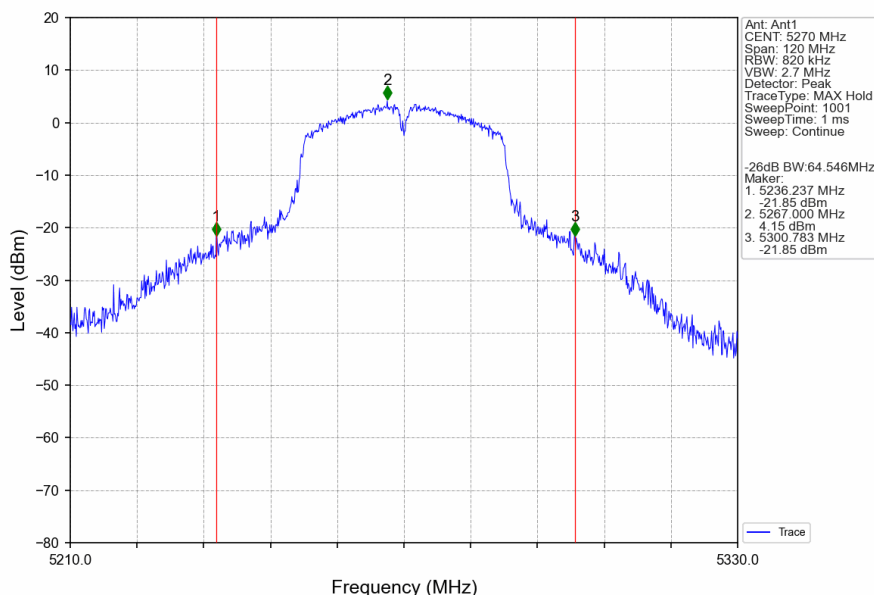
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802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



802.11n(HT40)_LCH_5270MHz_Ant1_NTNV

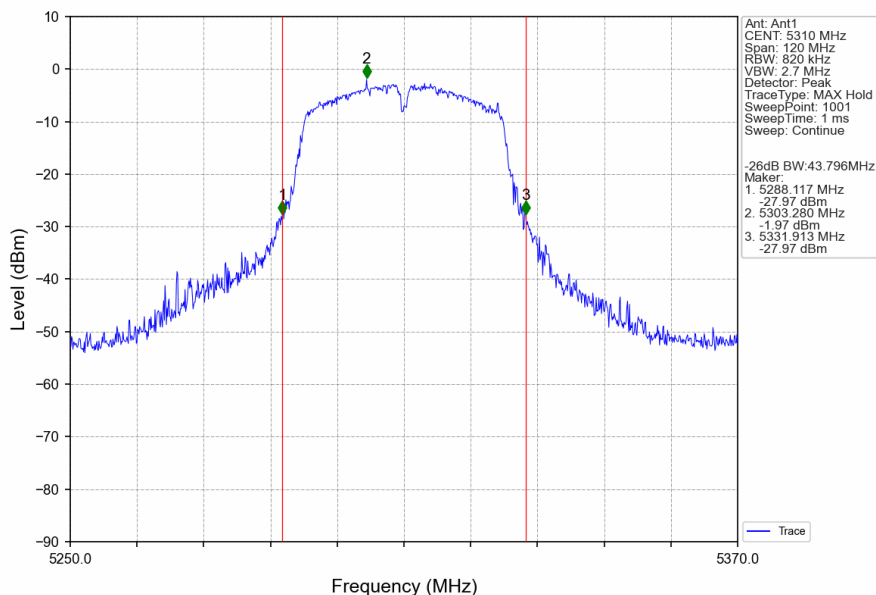


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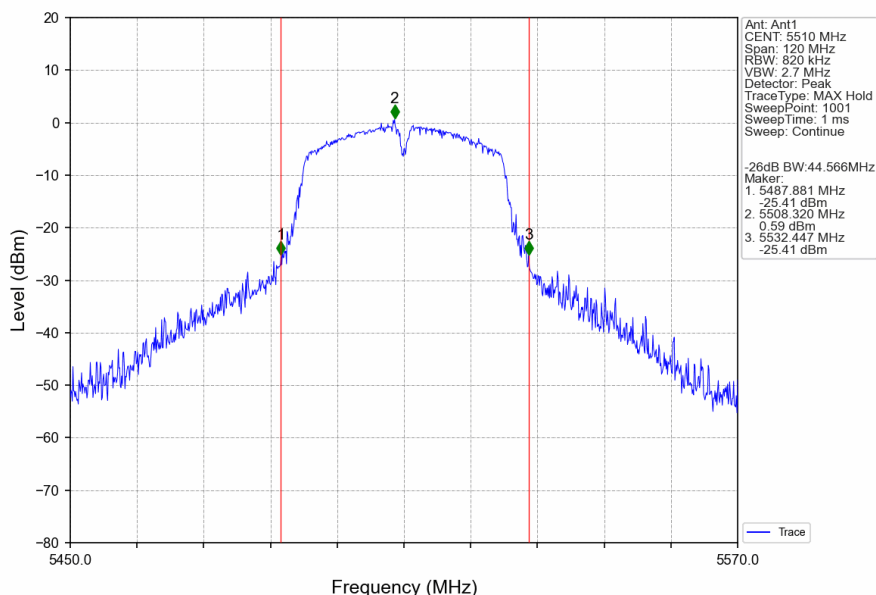
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802.11n(HT40)_HCH_5310MHz_Ant1_NTNV



802.11n(HT40)_LCH_5510MHz_Ant1_NTNV

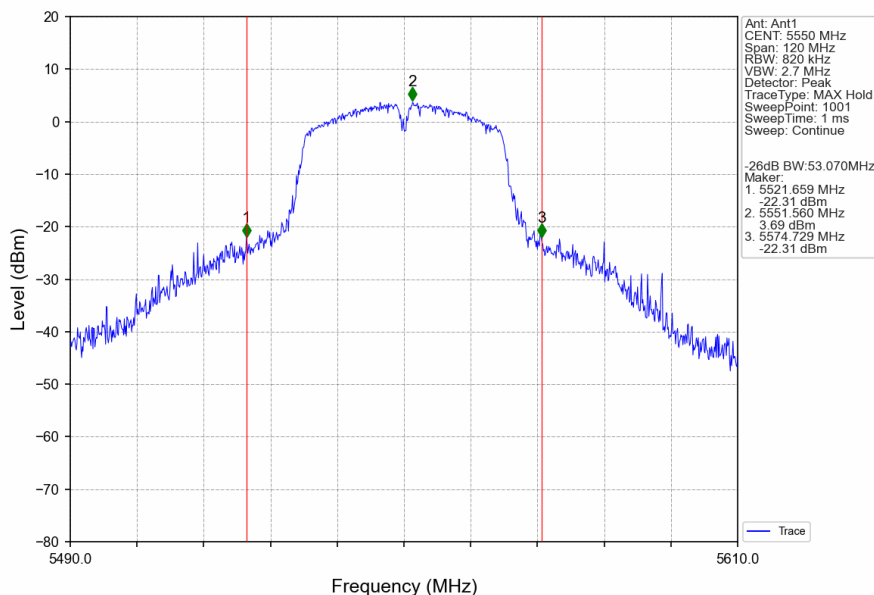


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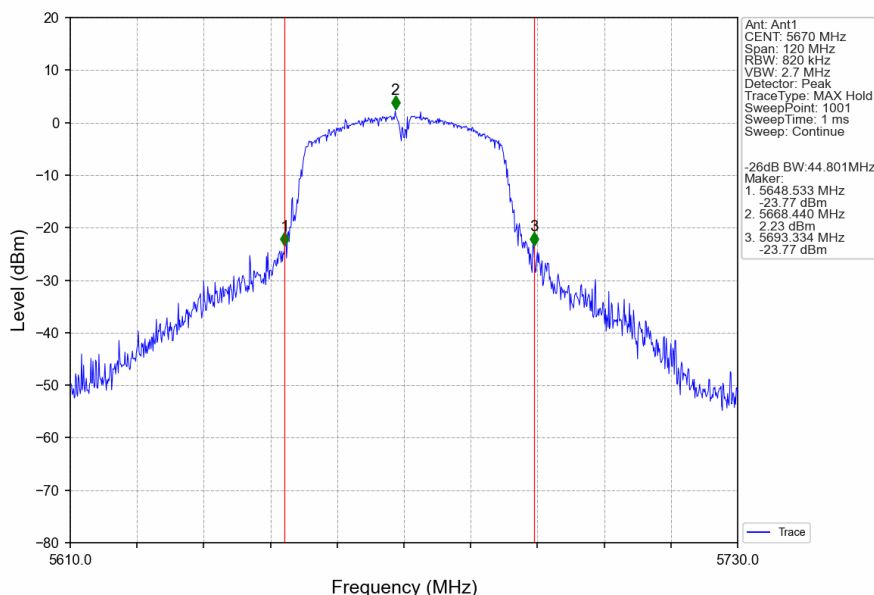
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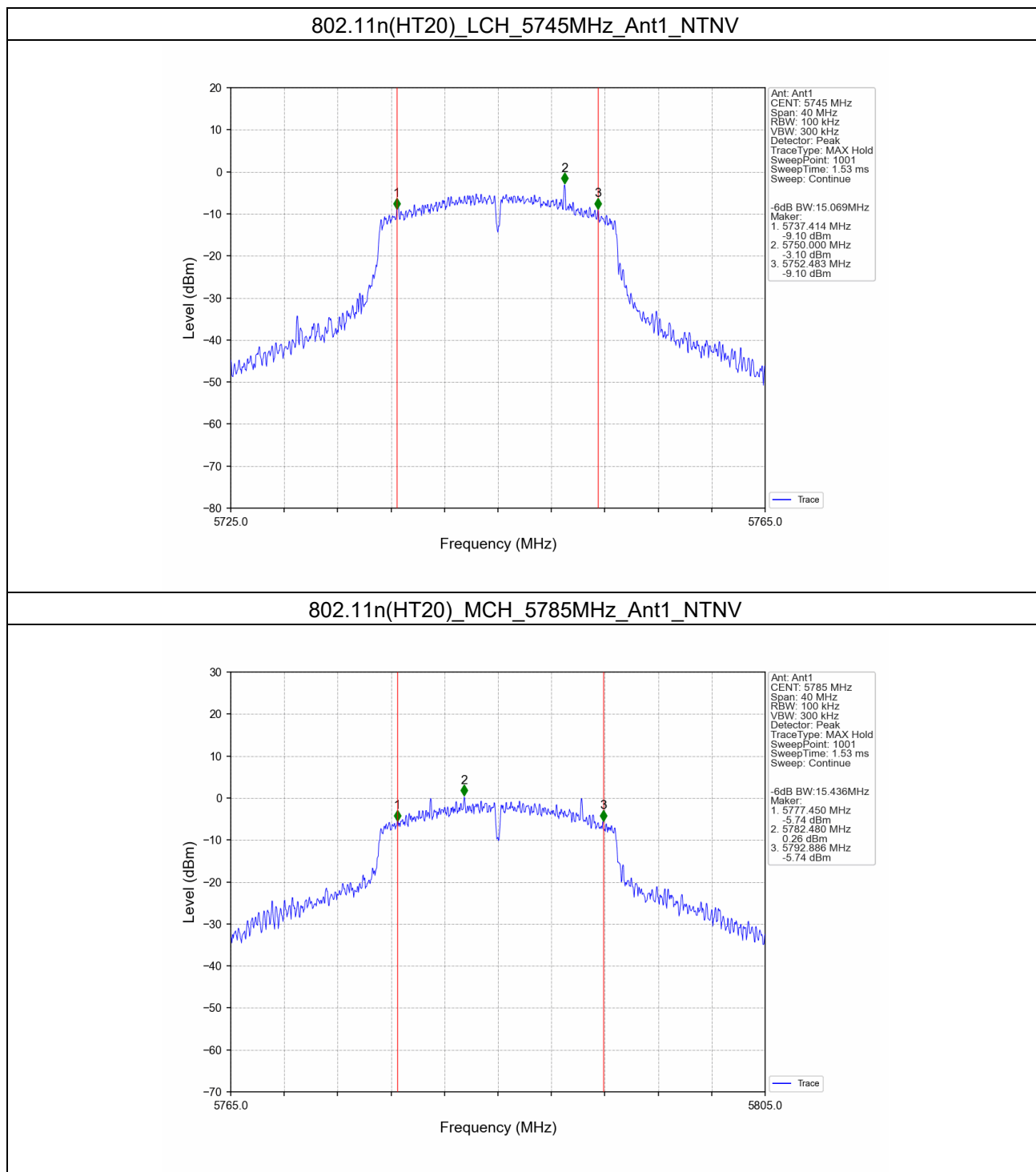
802.11n(HT40)_MCH_5550MHz_Ant1_NTNV



802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



2.2.3 6dB BW



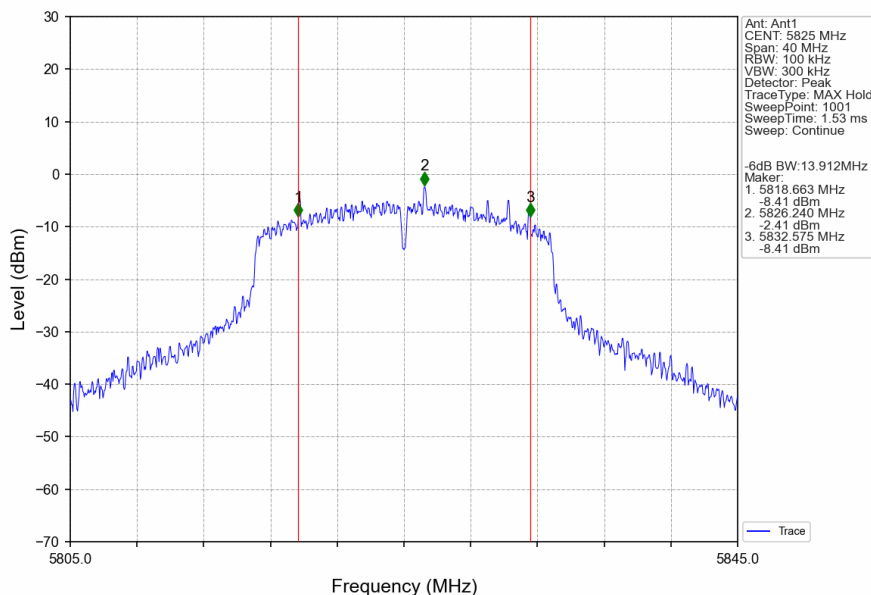
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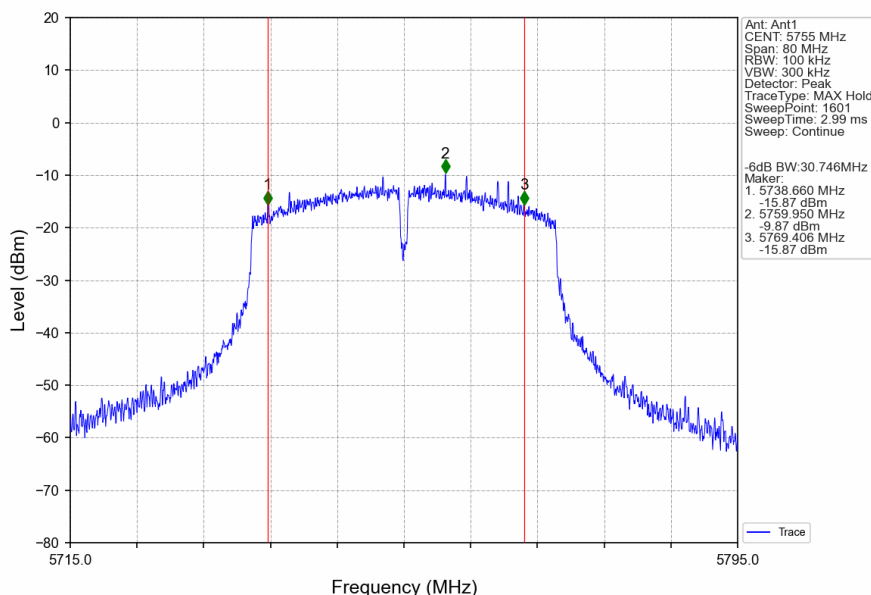
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802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



802.11n(HT40)_LCH_5755MHz_Ant1_NTNV

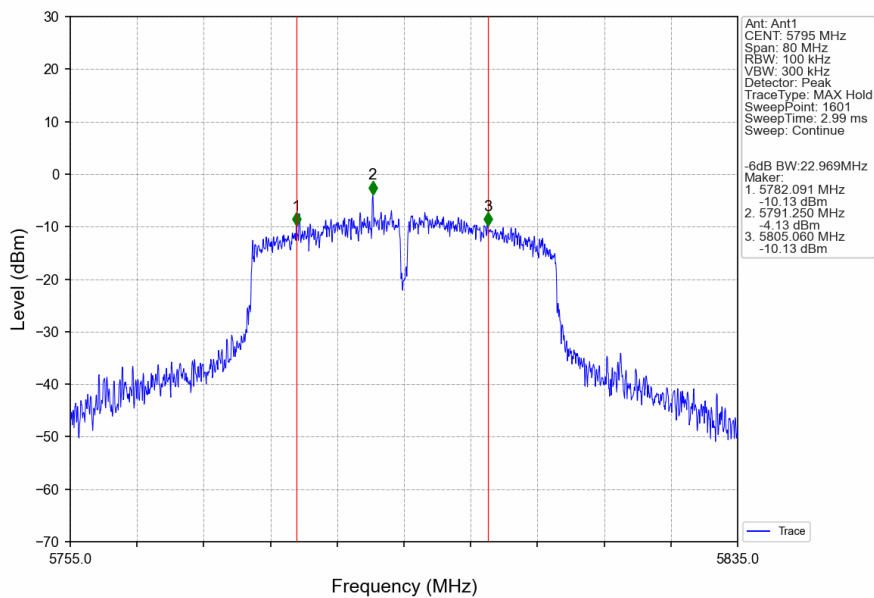


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802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



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3. Maximum Conducted Output Power

3.1 Test Result

3.1.1 Power

Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11n (HT20)	SISO	5180	9.18	<=23.98	Pass
		5200	8.71	<=23.98	Pass
		5240	8.71	<=23.98	Pass
		5260	5.63	<=23.98	Pass
		5300	5.98	<=23.98	Pass
		5320	5.85	<=23.98	Pass
		5500	8.13	<=23.98	Pass
		5580	7.47	<=23.98	Pass
		5700	7.28	<=23.98	Pass
		5745	8.18	<=30	Pass
		5785	12.92	<=30	Pass
		5825	8.18	<=30	Pass
802.11n (HT40)	SISO	5190	3.71	<=23.98	Pass
		5230	4.18	<=23.98	Pass
		5270	4.47	<=23.98	Pass
		5310	4.05	<=23.98	Pass
		5510	6.33	<=23.98	Pass
		5550	8.31	<=23.98	Pass
		5670	8.12	<=23.98	Pass
		5755	4.70	<=30	Pass
		5795	9.45	<=30	Pass

Note1: Antenna Gain:
- Band: 2C+3x Ant1: 5.46dBi;
- Band: 1 Ant1: 5.46dBi;
- Band: 2A Ant1: 5.46dBi;
- Band: 2C Ant1: 5.46dBi;



4. Maximum Power Spectral Density

4.1 Test Result

4.1.1 PSD

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)		Verdict
			ANT1	Limit	
802.11n (HT20)	SISO	5180	-1.20	<=11	Pass
		5200	-1.70	<=11	Pass
		5240	-1.57	<=11	Pass
		5260	-4.60	<=11	Pass
		5300	-4.44	<=11	Pass
		5320	-4.38	<=11	Pass
		5500	-2.27	<=11	Pass
		5580	-2.83	<=11	Pass
		5700	-3.09	<=11	Pass
		5745	-4.97	<=30	Pass
		5785	-0.41	<=30	Pass
		5825	-5.09	<=30	Pass
802.11n (HT40)	SISO	5190	-9.33	<=11	Pass
		5230	-9.05	<=11	Pass
		5270	-8.92	<=11	Pass
		5310	-9.22	<=11	Pass
		5510	-6.73	<=11	Pass
		5550	-5.55	<=11	Pass
		5670	-4.97	<=11	Pass
		5755	-11.94	<=30	Pass
		5795	-6.78	<=30	Pass

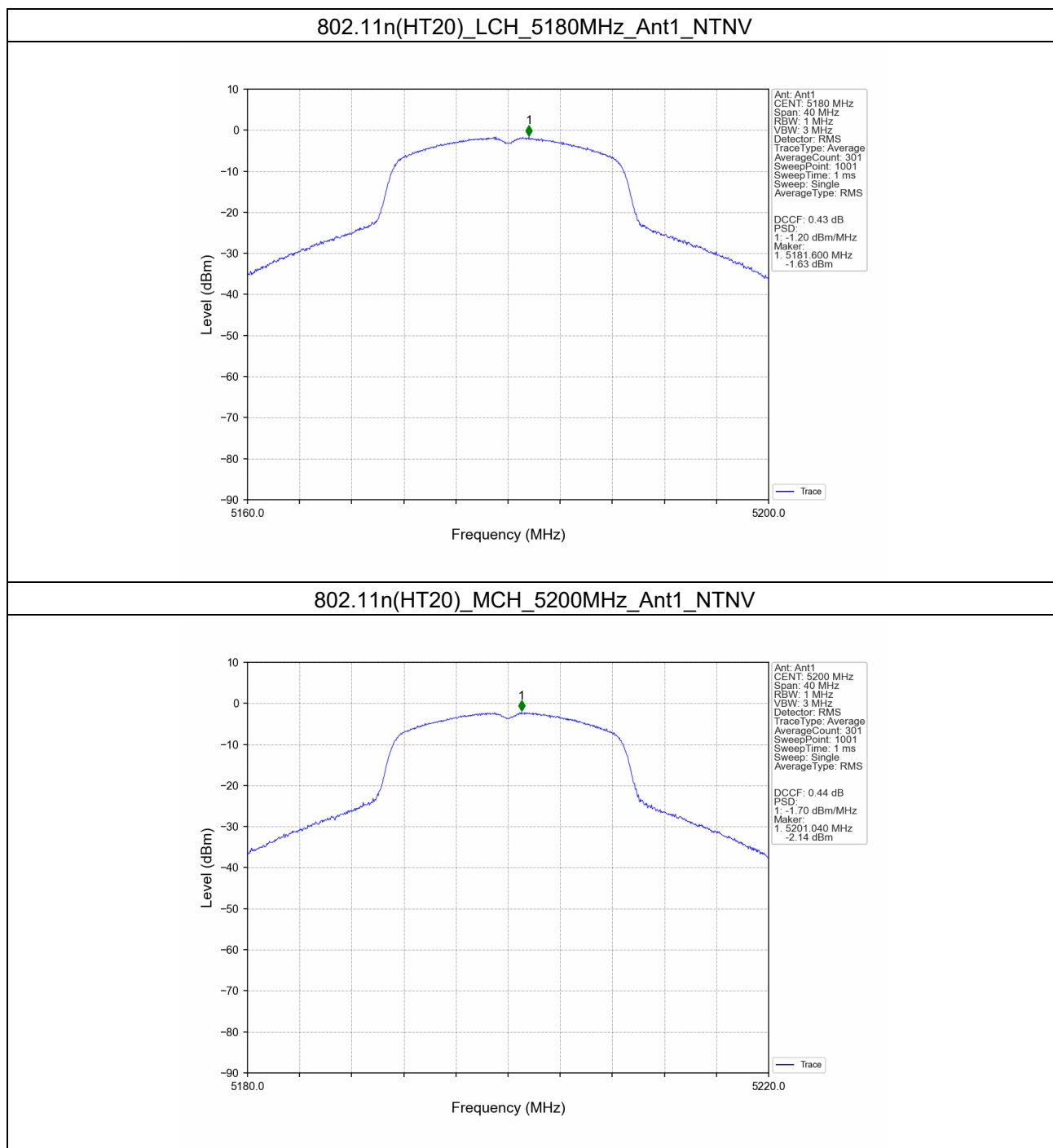
Note1: Antenna Gain:

- Band: 2C Ant1: 5.46dBi;
- Band: 2C+3x Ant1: 5.46dBi;
- Band: 1 Ant1: 5.46dBi;
- Band: 2A Ant1: 5.46dBi;

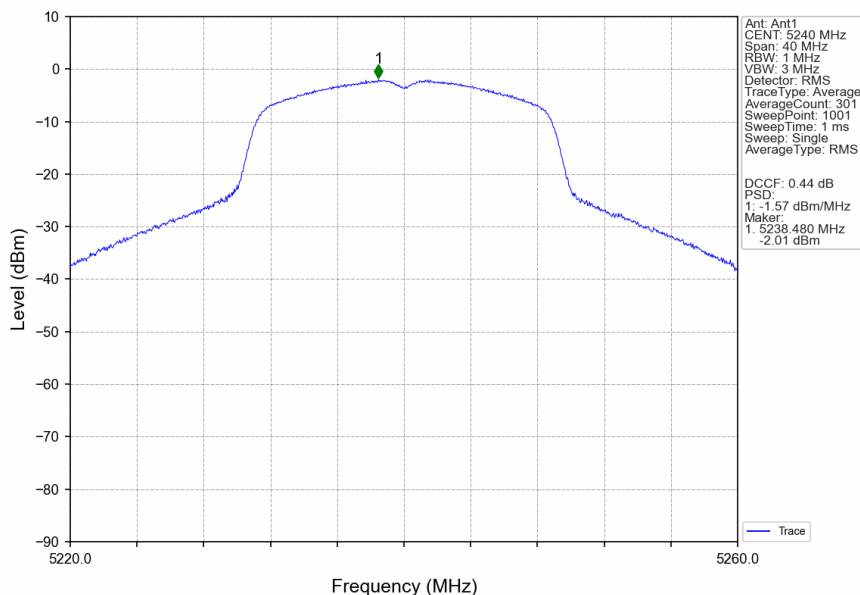


4.2 Test Graph

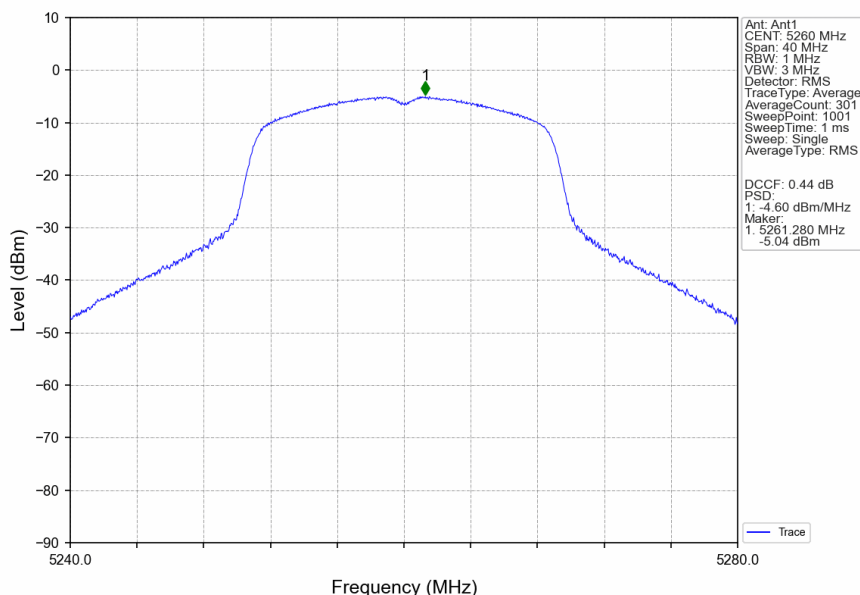
4.2.1 PSD



802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



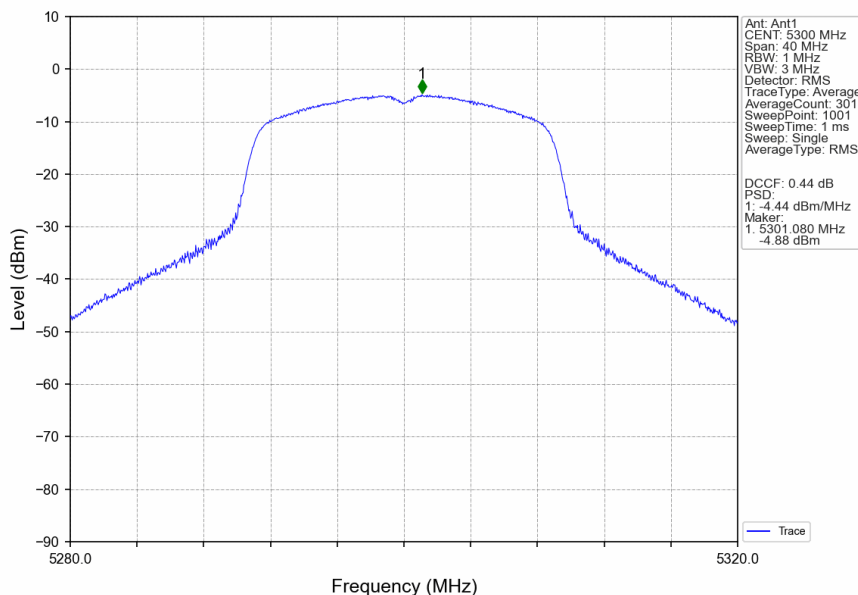
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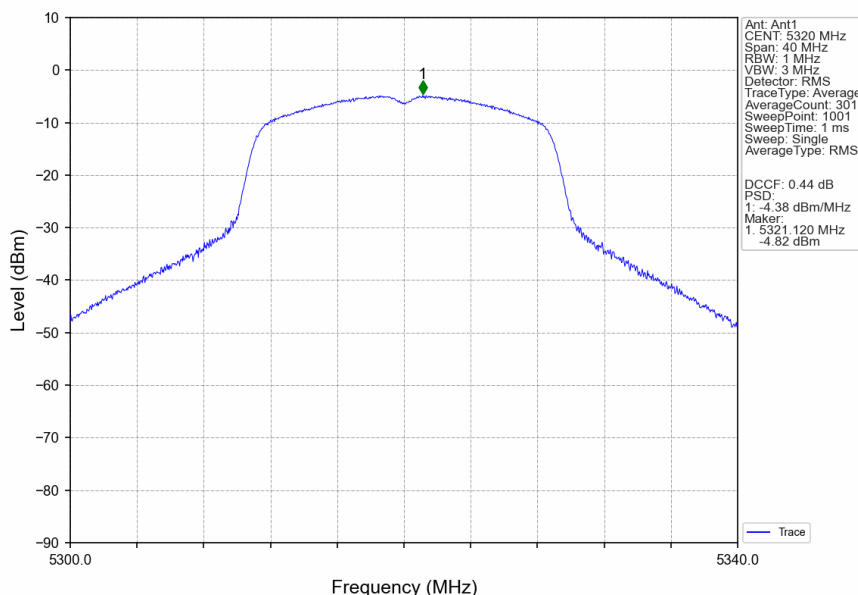
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802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



802.11n(HT20)_HCH_5320MHz_Ant1_NTNV

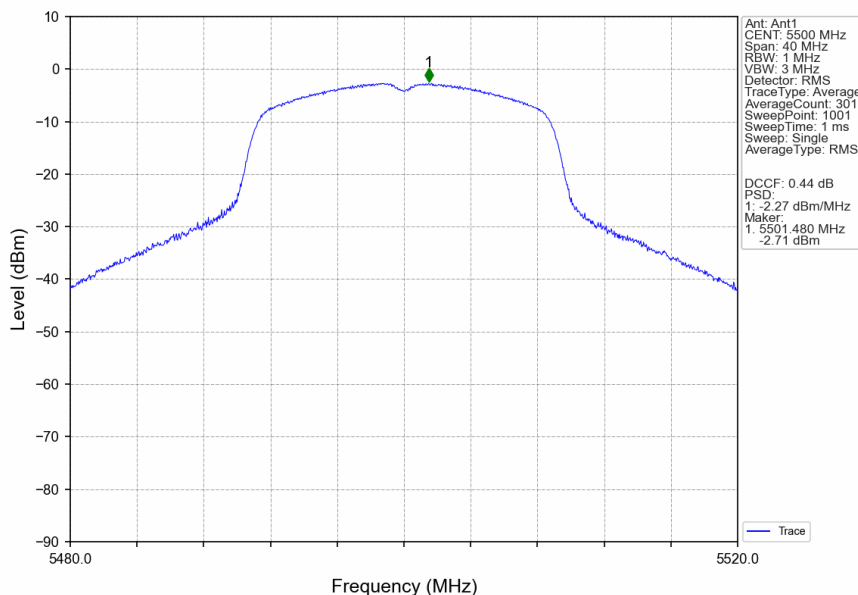


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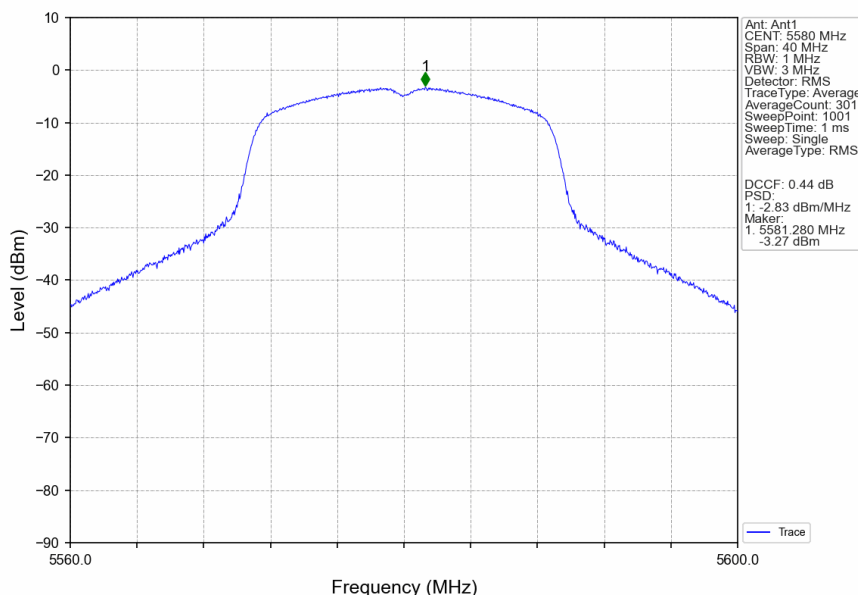
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802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



802.11n(HT20)_MCH_5580MHz_Ant1_NTNV

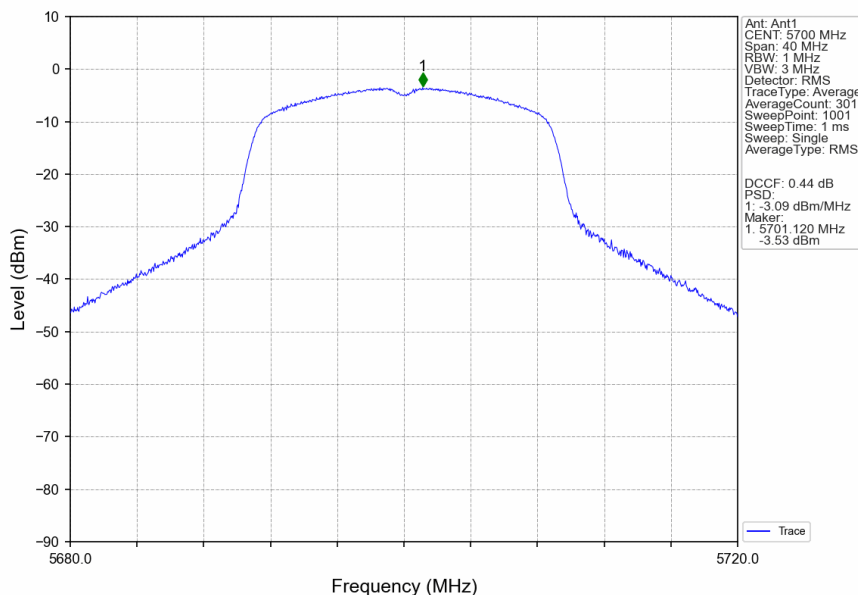


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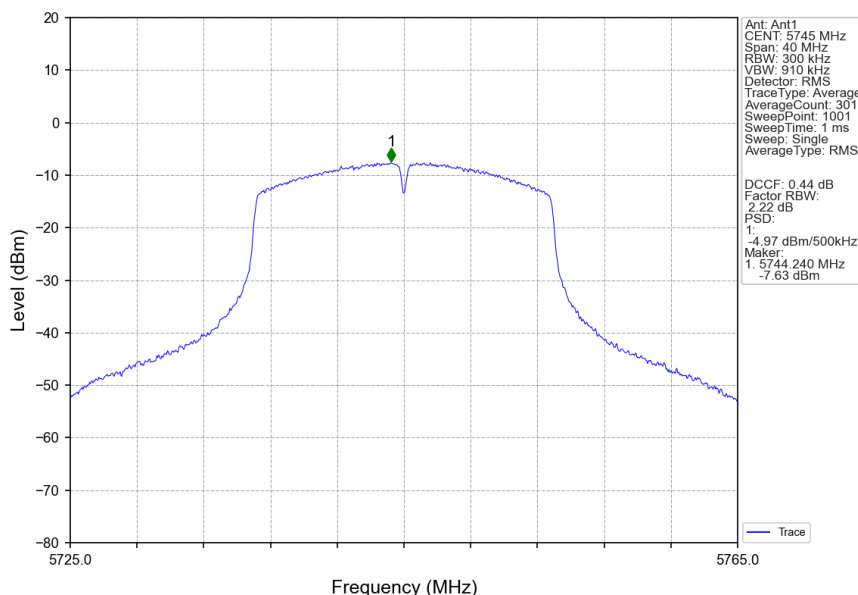
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802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



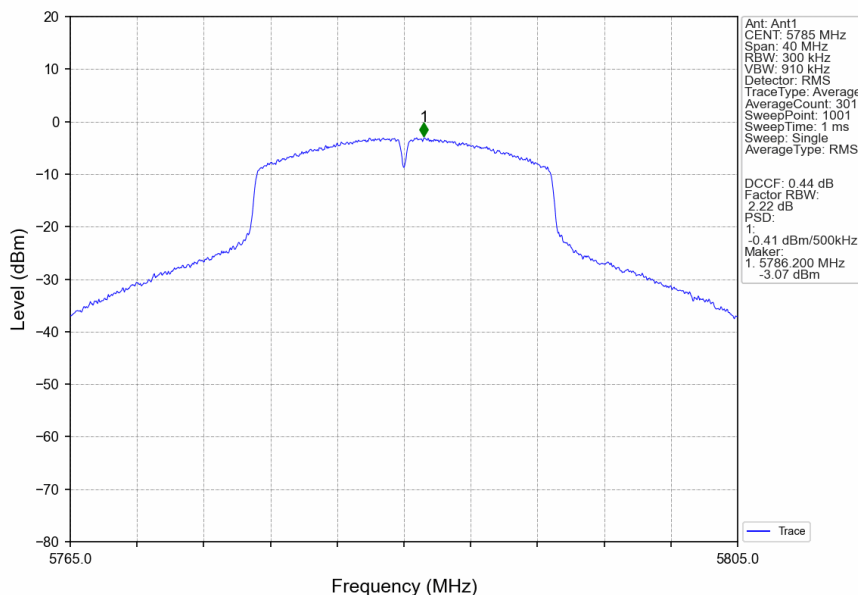
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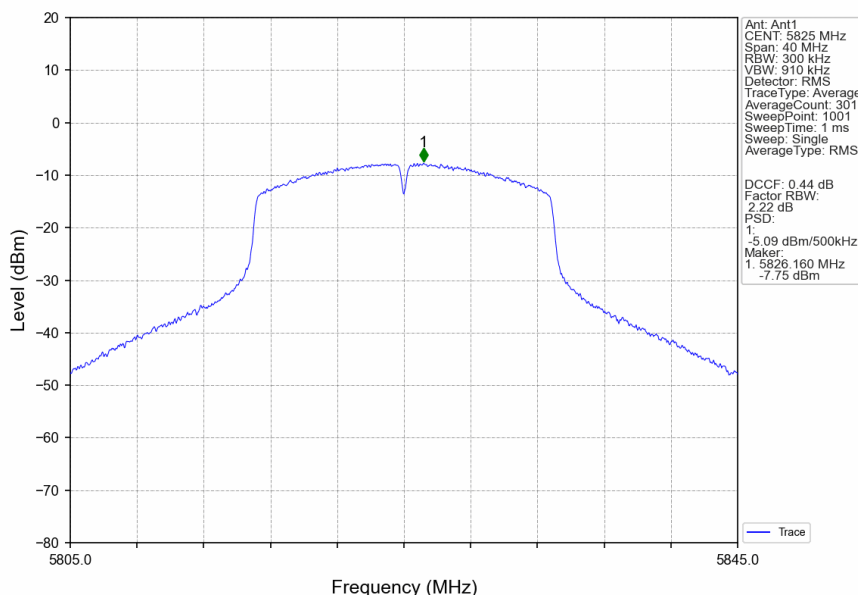
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802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



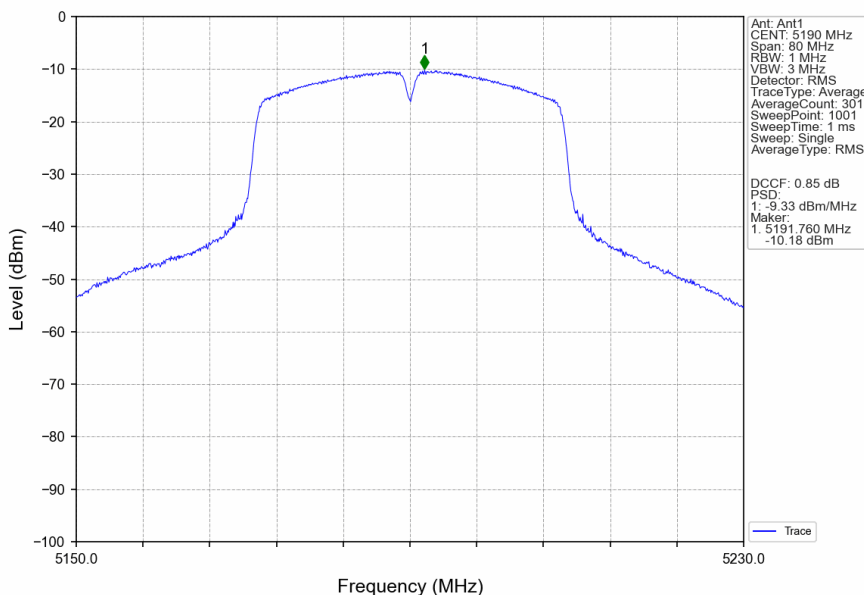
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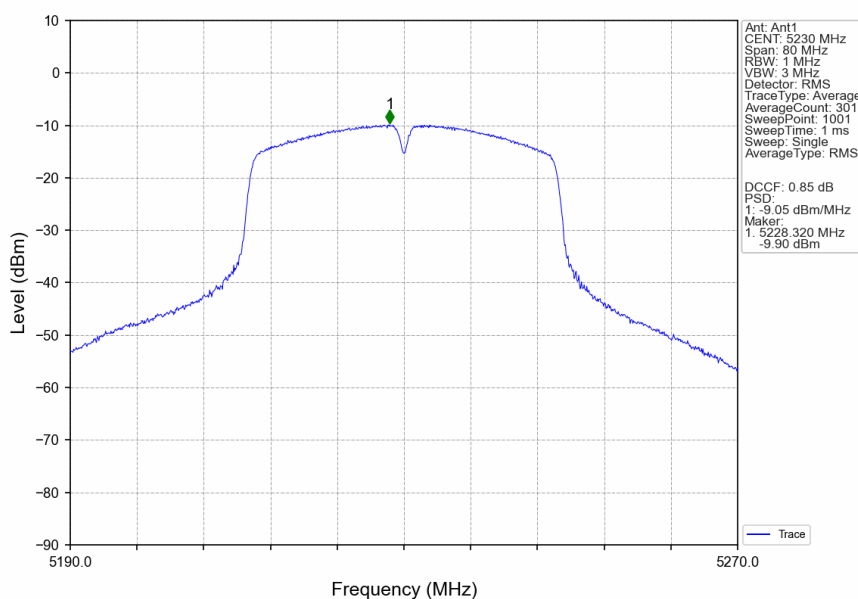
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802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



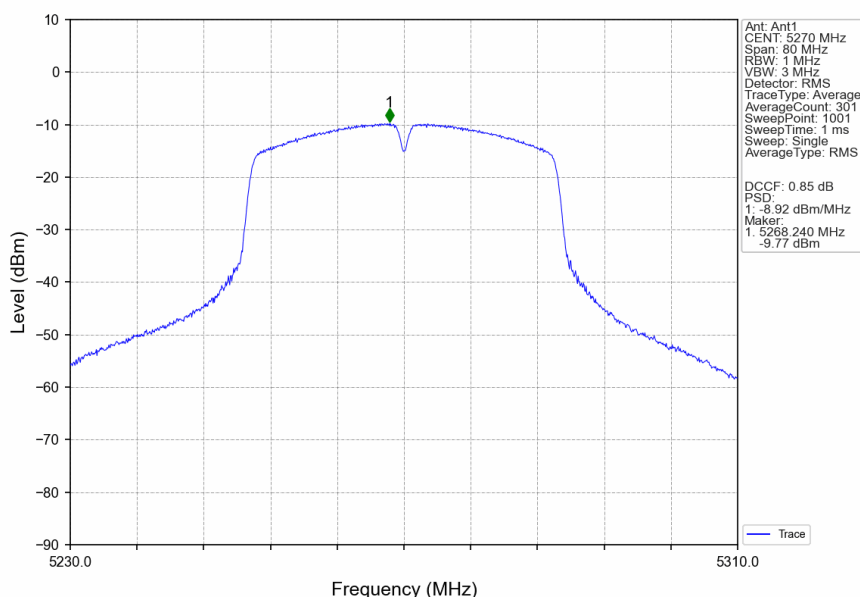
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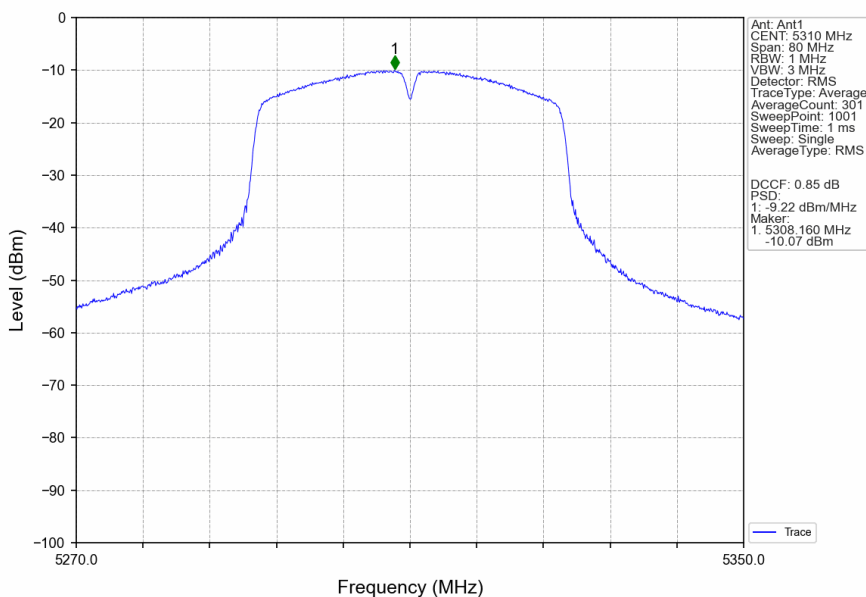
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802.11n(HT40)_LCH_5270MHz_Ant1_NTNV



802.11n(HT40)_HCH_5310MHz_Ant1_NTNV

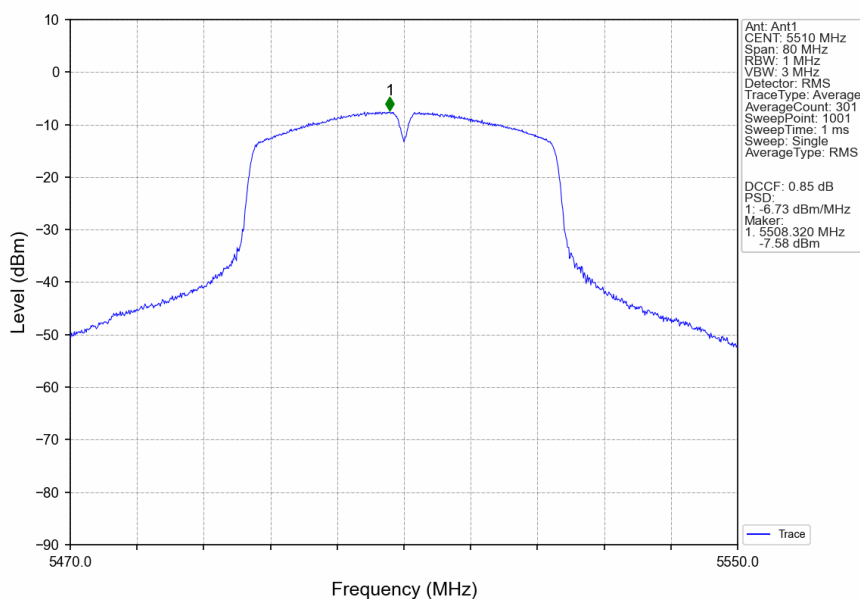


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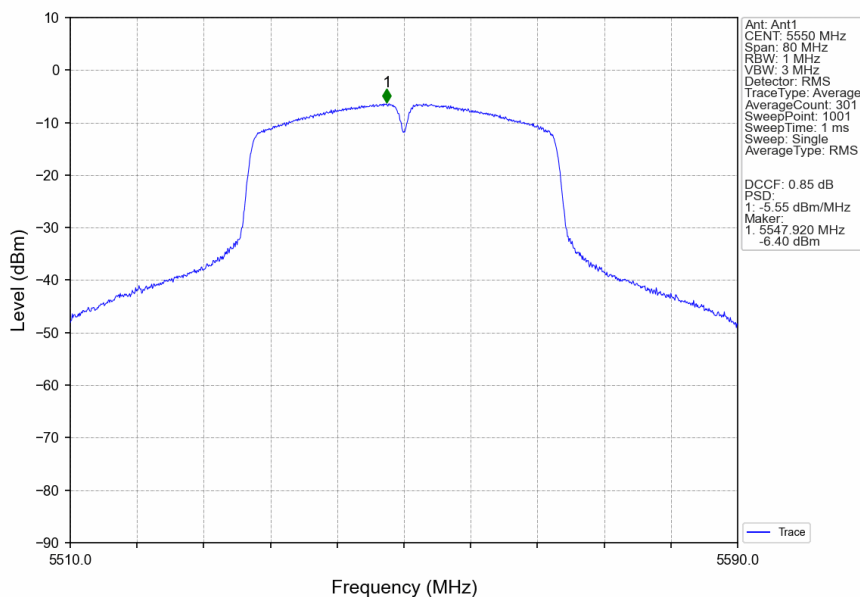
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802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



802.11n(HT40)_MCH_5550MHz_Ant1_NTNV

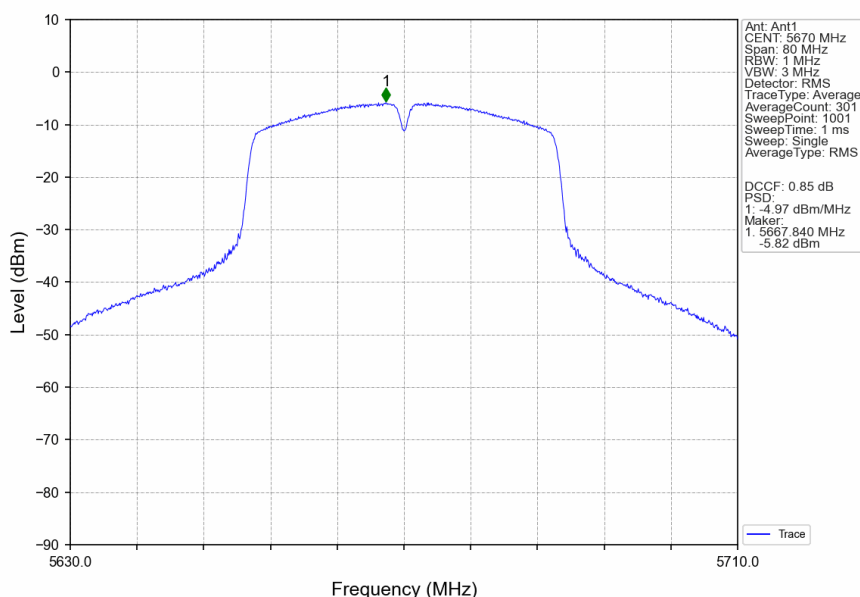


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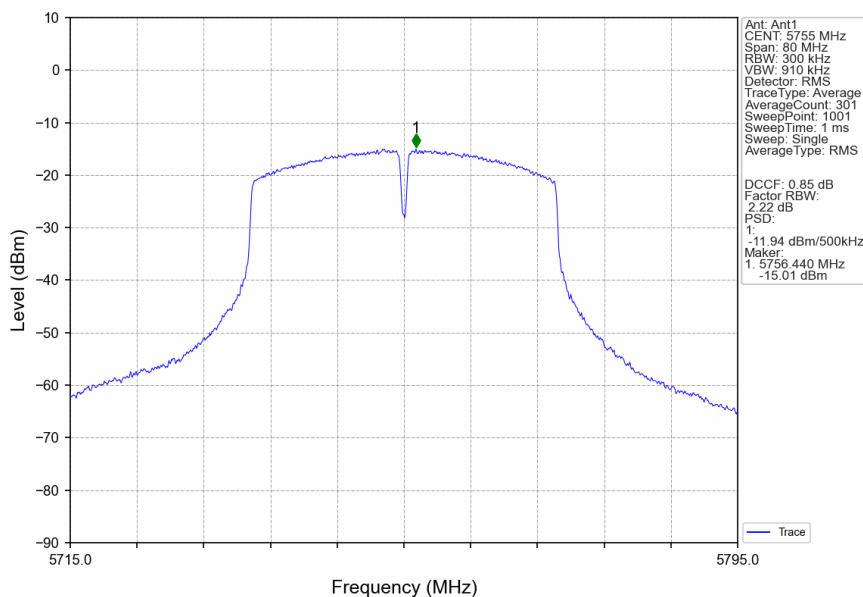
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802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



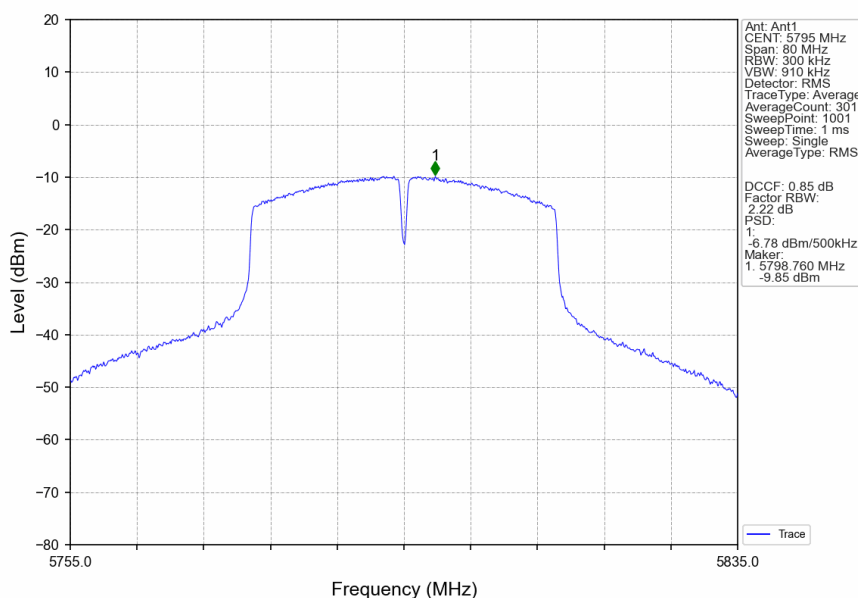
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802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



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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
802.11n (HT20)	SISO	5180	20	6.84	5179.980	5150 to 5250	Pass
				7.6	5180.000	5150 to 5250	Pass
				8.36	5179.980	5150 to 5250	Pass
			-30	7.6	5179.980	5150 to 5250	Pass
			-20	7.6	5180.000	5150 to 5250	Pass
			-10	7.6	5179.980	5150 to 5250	Pass
			0	7.6	5180.020	5150 to 5250	Pass
			10	7.6	5179.940	5150 to 5250	Pass
			30	7.6	5179.980	5150 to 5250	Pass
			40	7.6	5179.980	5150 to 5250	Pass
			50	7.6	5179.940	5150 to 5250	Pass
		5200	20	6.84	5199.980	5150 to 5250	Pass
				7.6	5200.020	5150 to 5250	Pass
				8.36	5199.920	5150 to 5250	Pass
			-30	7.6	5200.000	5150 to 5250	Pass
			-20	7.6	5200.000	5150 to 5250	Pass
			-10	7.6	5200.000	5150 to 5250	Pass
			0	7.6	5199.920	5150 to 5250	Pass
			10	7.6	5200.020	5150 to 5250	Pass
			30	7.6	5199.980	5150 to 5250	Pass
			40	7.6	5199.960	5150 to 5250	Pass
			50	7.6	5200.000	5150 to 5250	Pass
		5240	20	6.84	5239.960	5150 to 5250	Pass
				7.6	5240.000	5150 to 5250	Pass
				8.36	5239.980	5150 to 5250	Pass
			-30	7.6	5240.020	5150 to 5250	Pass
			-20	7.6	5240.020	5150 to 5250	Pass
			-10	7.6	5240.020	5150 to 5250	Pass
			0	7.6	5240.020	5150 to 5250	Pass
			10	7.6	5239.980	5150 to 5250	Pass



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			30	7.6	5239.980	5150 to 5250	Pass
			40	7.6	5240.000	5150 to 5250	Pass
			50	7.6	5240.000	5150 to 5250	Pass
		5260	20	6.84	5260.000	5250 to 5350	Pass
				7.6	5260.000	5250 to 5350	Pass
				8.36	5259.980	5250 to 5350	Pass
			-30	7.6	5260.000	5250 to 5350	Pass
			-20	7.6	5260.020	5250 to 5350	Pass
			-10	7.6	5260.020	5250 to 5350	Pass
			0	7.6	5260.000	5250 to 5350	Pass
			10	7.6	5259.980	5250 to 5350	Pass
			30	7.6	5260.000	5250 to 5350	Pass
			40	7.6	5259.980	5250 to 5350	Pass
			50	7.6	5260.000	5250 to 5350	Pass
		5300	20	6.84	5300.000	5250 to 5350	Pass
				7.6	5300.040	5250 to 5350	Pass
				8.36	5300.020	5250 to 5350	Pass
			-30	7.6	5300.000	5250 to 5350	Pass
			-20	7.6	5300.000	5250 to 5350	Pass
			-10	7.6	5300.000	5250 to 5350	Pass
			0	7.6	5300.000	5250 to 5350	Pass
			10	7.6	5300.020	5250 to 5350	Pass
			30	7.6	5299.960	5250 to 5350	Pass
			40	7.6	5300.000	5250 to 5350	Pass
			50	7.6	5299.980	5250 to 5350	Pass
		5320	20	6.84	5319.940	5250 to 5350	Pass
				7.6	5319.980	5250 to 5350	Pass
				8.36	5319.980	5250 to 5350	Pass
			-30	7.6	5319.980	5250 to 5350	Pass
			-20	7.6	5319.960	5250 to 5350	Pass
			-10	7.6	5320.000	5250 to 5350	Pass
			0	7.6	5320.000	5250 to 5350	Pass
			10	7.6	5319.980	5250 to 5350	Pass
			30	7.6	5320.000	5250 to 5350	Pass
			40	7.6	5319.920	5250 to 5350	Pass
			50	7.6	5320.000	5250 to 5350	Pass
		5500	20	6.84	5499.960	5470 to 5725	Pass
				7.6	5499.980	5470 to 5725	Pass
				8.36	5500.000	5470 to 5725	Pass
			-30	7.6	5500.000	5470 to 5725	Pass



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			-20	7.6	5499.980	5470 to 5725	Pass
			-10	7.6	5499.980	5470 to 5725	Pass
			0	7.6	5500.080	5470 to 5725	Pass
			10	7.6	5500.020	5470 to 5725	Pass
			30	7.6	5499.980	5470 to 5725	Pass
			40	7.6	5500.000	5470 to 5725	Pass
			50	7.6	5500.020	5470 to 5725	Pass
		5580	20	6.84	5579.900	5470 to 5725	Pass
				7.6	5579.920	5470 to 5725	Pass
				8.36	5580.000	5470 to 5725	Pass
			-30	7.6	5580.020	5470 to 5725	Pass
			-20	7.6	5579.980	5470 to 5725	Pass
			-10	7.6	5580.000	5470 to 5725	Pass
			0	7.6	5579.980	5470 to 5725	Pass
			10	7.6	5579.960	5470 to 5725	Pass
			30	7.6	5580.040	5470 to 5725	Pass
			40	7.6	5580.000	5470 to 5725	Pass
			50	7.6	5580.040	5470 to 5725	Pass
		5700	20	6.84	5700.000	5470 to 5725	Pass
				7.6	5700.000	5470 to 5725	Pass
				8.36	5699.980	5470 to 5725	Pass
			-30	7.6	5700.000	5470 to 5725	Pass
			-20	7.6	5700.000	5470 to 5725	Pass
			-10	7.6	5700.020	5470 to 5725	Pass
			0	7.6	5700.040	5470 to 5725	Pass
			10	7.6	5700.000	5470 to 5725	Pass
			30	7.6	5700.000	5470 to 5725	Pass
			40	7.6	5700.020	5470 to 5725	Pass
			50	7.6	5699.960	5470 to 5725	Pass
		5745	20	6.84	5744.980	5725 to 5850	Pass
				7.6	5745.000	5725 to 5850	Pass
				8.36	5744.960	5725 to 5850	Pass
			-30	7.6	5745.000	5725 to 5850	Pass
			-20	7.6	5745.000	5725 to 5850	Pass
			-10	7.6	5744.960	5725 to 5850	Pass
			0	7.6	5744.980	5725 to 5850	Pass
			10	7.6	5745.020	5725 to 5850	Pass
			30	7.6	5745.020	5725 to 5850	Pass
			40	7.6	5744.980	5725 to 5850	Pass
			50	7.6	5744.980	5725 to 5850	Pass



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		5785	20	6.84	5784.980	5725 to 5850	Pass
				7.6	5784.980	5725 to 5850	Pass
				8.36	5784.960	5725 to 5850	Pass
			-30	7.6	5784.980	5725 to 5850	Pass
			-20	7.6	5784.960	5725 to 5850	Pass
			-10	7.6	5785.000	5725 to 5850	Pass
			0	7.6	5784.960	5725 to 5850	Pass
			10	7.6	5785.000	5725 to 5850	Pass
			30	7.6	5784.980	5725 to 5850	Pass
			40	7.6	5784.980	5725 to 5850	Pass
			50	7.6	5785.000	5725 to 5850	Pass
		5825	20	6.84	5824.960	5725 to 5850	Pass
				7.6	5825.000	5725 to 5850	Pass
				8.36	5825.000	5725 to 5850	Pass
			-30	7.6	5825.000	5725 to 5850	Pass
			-20	7.6	5825.020	5725 to 5850	Pass
			-10	7.6	5825.000	5725 to 5850	Pass
			0	7.6	5825.000	5725 to 5850	Pass
			10	7.6	5825.020	5725 to 5850	Pass
			30	7.6	5824.980	5725 to 5850	Pass
			40	7.6	5825.000	5725 to 5850	Pass
			50	7.6	5825.020	5725 to 5850	Pass
802.11n (HT40)	SISO	5190	20	6.84	5190.000	5150 to 5250	Pass
				7.6	5190.000	5150 to 5250	Pass
				8.36	5189.960	5150 to 5250	Pass
			-30	7.6	5190.000	5150 to 5250	Pass
			-20	7.6	5189.920	5150 to 5250	Pass
			-10	7.6	5190.000	5150 to 5250	Pass
			0	7.6	5190.040	5150 to 5250	Pass
			10	7.6	5190.000	5150 to 5250	Pass
			30	7.6	5190.000	5150 to 5250	Pass
			40	7.6	5189.960	5150 to 5250	Pass
			50	7.6	5189.960	5150 to 5250	Pass
		5230	20	6.84	5230.000	5150 to 5250	Pass
				7.6	5230.000	5150 to 5250	Pass
				8.36	5230.000	5150 to 5250	Pass
			-30	7.6	5230.000	5150 to 5250	Pass
			-20	7.6	5230.000	5150 to 5250	Pass
			-10	7.6	5230.000	5150 to 5250	Pass
			0	7.6	5229.960	5150 to 5250	Pass



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			10	7.6	5230.000	5150 to 5250	Pass
			30	7.6	5230.040	5150 to 5250	Pass
			40	7.6	5230.000	5150 to 5250	Pass
			50	7.6	5230.000	5150 to 5250	Pass
		5270	20	6.84	5270.000	5250 to 5350	Pass
				7.6	5270.000	5250 to 5350	Pass
				8.36	5270.000	5250 to 5350	Pass
			-30	7.6	5270.000	5250 to 5350	Pass
			-20	7.6	5269.960	5250 to 5350	Pass
			-10	7.6	5270.000	5250 to 5350	Pass
			0	7.6	5270.000	5250 to 5350	Pass
			10	7.6	5270.000	5250 to 5350	Pass
			30	7.6	5270.000	5250 to 5350	Pass
			40	7.6	5270.000	5250 to 5350	Pass
			50	7.6	5270.000	5250 to 5350	Pass
			5310	20	6.84	5310.000	5250 to 5350
		7.6			5309.960	5250 to 5350	Pass
		8.36			5310.000	5250 to 5350	Pass
		-30		7.6	5310.000	5250 to 5350	Pass
		-20		7.6	5310.000	5250 to 5350	Pass
		-10		7.6	5310.000	5250 to 5350	Pass
		0		7.6	5309.960	5250 to 5350	Pass
		10		7.6	5309.960	5250 to 5350	Pass
		30		7.6	5310.000	5250 to 5350	Pass
		40		7.6	5310.000	5250 to 5350	Pass
		50	7.6	5310.000	5250 to 5350	Pass	
5510	20	6.84	5509.960	5470 to 5725	Pass		
		7.6	5510.000	5470 to 5725	Pass		
		8.36	5510.000	5470 to 5725	Pass		
	-30	7.6	5510.000	5470 to 5725	Pass		
	-20	7.6	5510.000	5470 to 5725	Pass		
	-10	7.6	5510.040	5470 to 5725	Pass		
	0	7.6	5509.960	5470 to 5725	Pass		
	10	7.6	5510.000	5470 to 5725	Pass		
	30	7.6	5510.000	5470 to 5725	Pass		
	40	7.6	5510.000	5470 to 5725	Pass		
	50	7.6	5509.960	5470 to 5725	Pass		
	5550	20	6.84	5550.000	5470 to 5725	Pass	
7.6			5550.000	5470 to 5725	Pass		
8.36			5550.000	5470 to 5725	Pass		



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			-30	7.6	5550.000	5470 to 5725	Pass
			-20	7.6	5550.000	5470 to 5725	Pass
			-10	7.6	5550.000	5470 to 5725	Pass
			0	7.6	5550.040	5470 to 5725	Pass
			10	7.6	5550.000	5470 to 5725	Pass
			30	7.6	5550.040	5470 to 5725	Pass
			40	7.6	5550.040	5470 to 5725	Pass
			50	7.6	5550.000	5470 to 5725	Pass
		5670	20	6.84	5670.040	5470 to 5725	Pass
				7.6	5670.000	5470 to 5725	Pass
				8.36	5670.000	5470 to 5725	Pass
			-30	7.6	5670.000	5470 to 5725	Pass
			-20	7.6	5670.000	5470 to 5725	Pass
			-10	7.6	5670.000	5470 to 5725	Pass
			0	7.6	5670.000	5470 to 5725	Pass
			10	7.6	5670.000	5470 to 5725	Pass
			30	7.6	5670.000	5470 to 5725	Pass
			40	7.6	5670.000	5470 to 5725	Pass
			50	7.6	5670.000	5470 to 5725	Pass
		5755	20	6.84	5755.000	5725 to 5850	Pass
				7.6	5755.080	5725 to 5850	Pass
				8.36	5755.000	5725 to 5850	Pass
			-30	7.6	5754.960	5725 to 5850	Pass
			-20	7.6	5755.000	5725 to 5850	Pass
			-10	7.6	5754.960	5725 to 5850	Pass
			0	7.6	5755.000	5725 to 5850	Pass
			10	7.6	5754.960	5725 to 5850	Pass
			30	7.6	5755.000	5725 to 5850	Pass
			40	7.6	5755.000	5725 to 5850	Pass
			50	7.6	5755.000	5725 to 5850	Pass
		5795	20	6.84	5794.960	5725 to 5850	Pass
				7.6	5795.000	5725 to 5850	Pass
				8.36	5795.000	5725 to 5850	Pass
			-30	7.6	5795.000	5725 to 5850	Pass
			-20	7.6	5794.960	5725 to 5850	Pass
			-10	7.6	5794.960	5725 to 5850	Pass
			0	7.6	5794.960	5725 to 5850	Pass
			10	7.6	5795.000	5725 to 5850	Pass
			30	7.6	5795.000	5725 to 5850	Pass
			40	7.6	5795.000	5725 to 5850	Pass



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