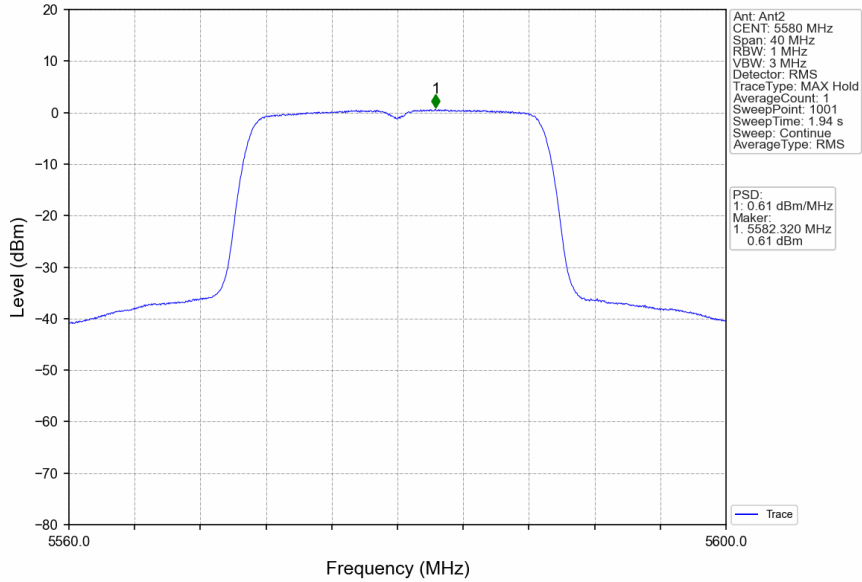
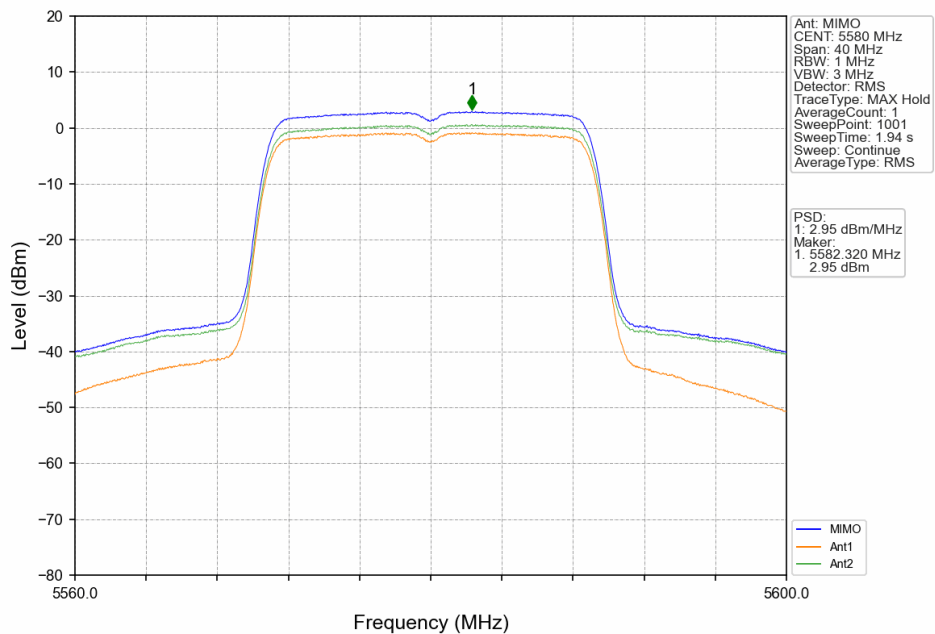


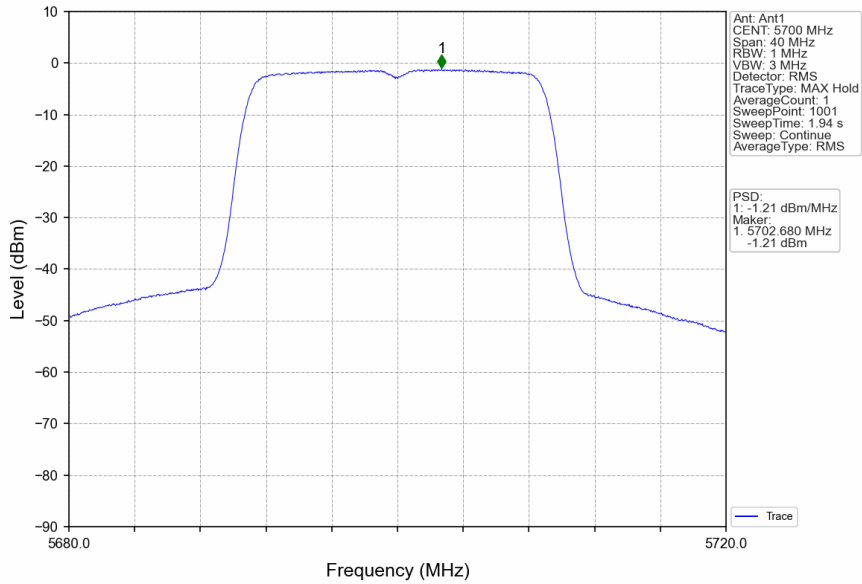
802.11ac(VHT20)\_MCH\_5580MHz\_Ant1\_NTNV



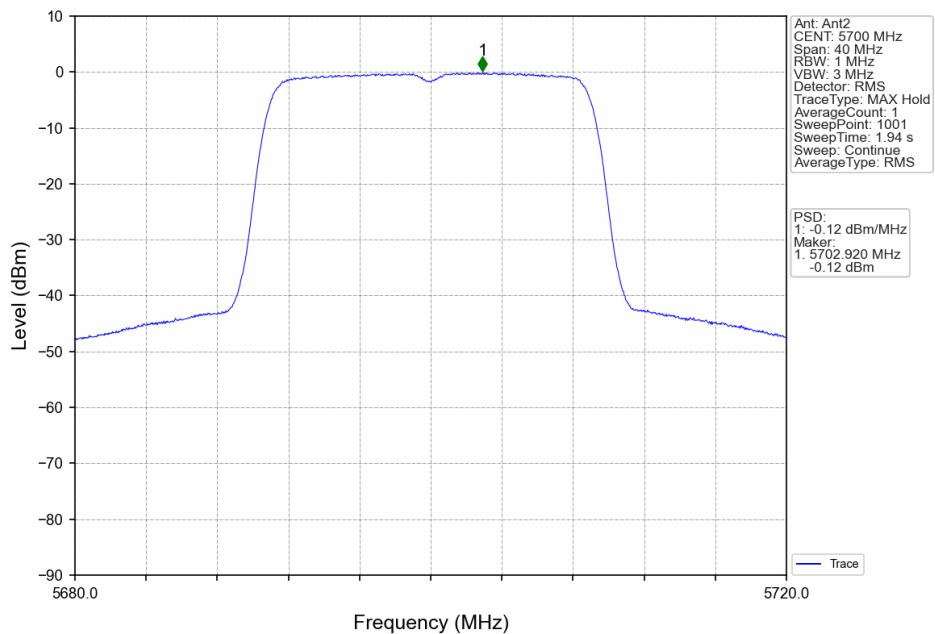
802.11ac(VHT20)\_MCH\_5580MHz\_MIMO\_NTNV



802.11ac(VHT20)\_HCH\_5700MHz\_Ant0\_NTNV

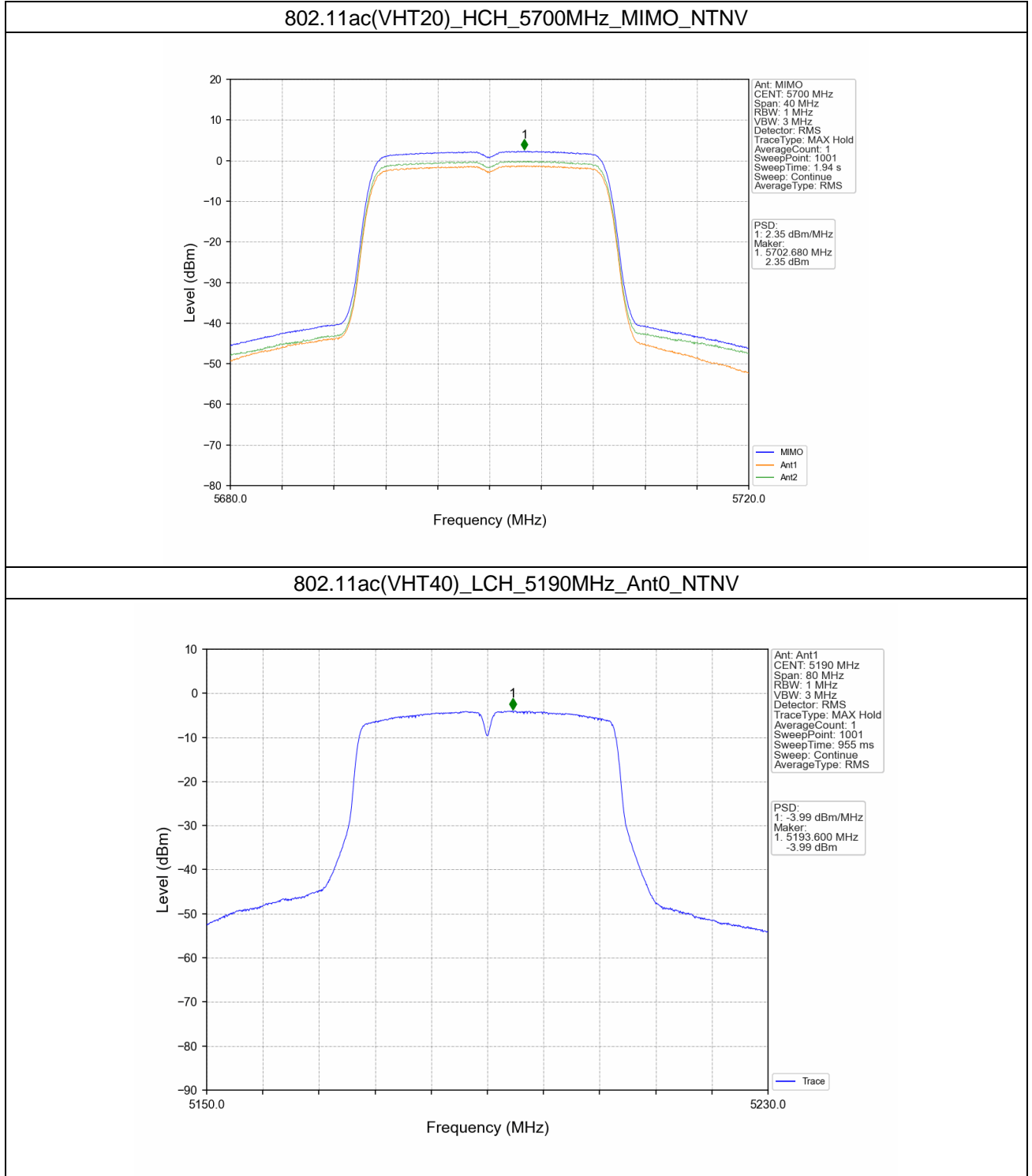


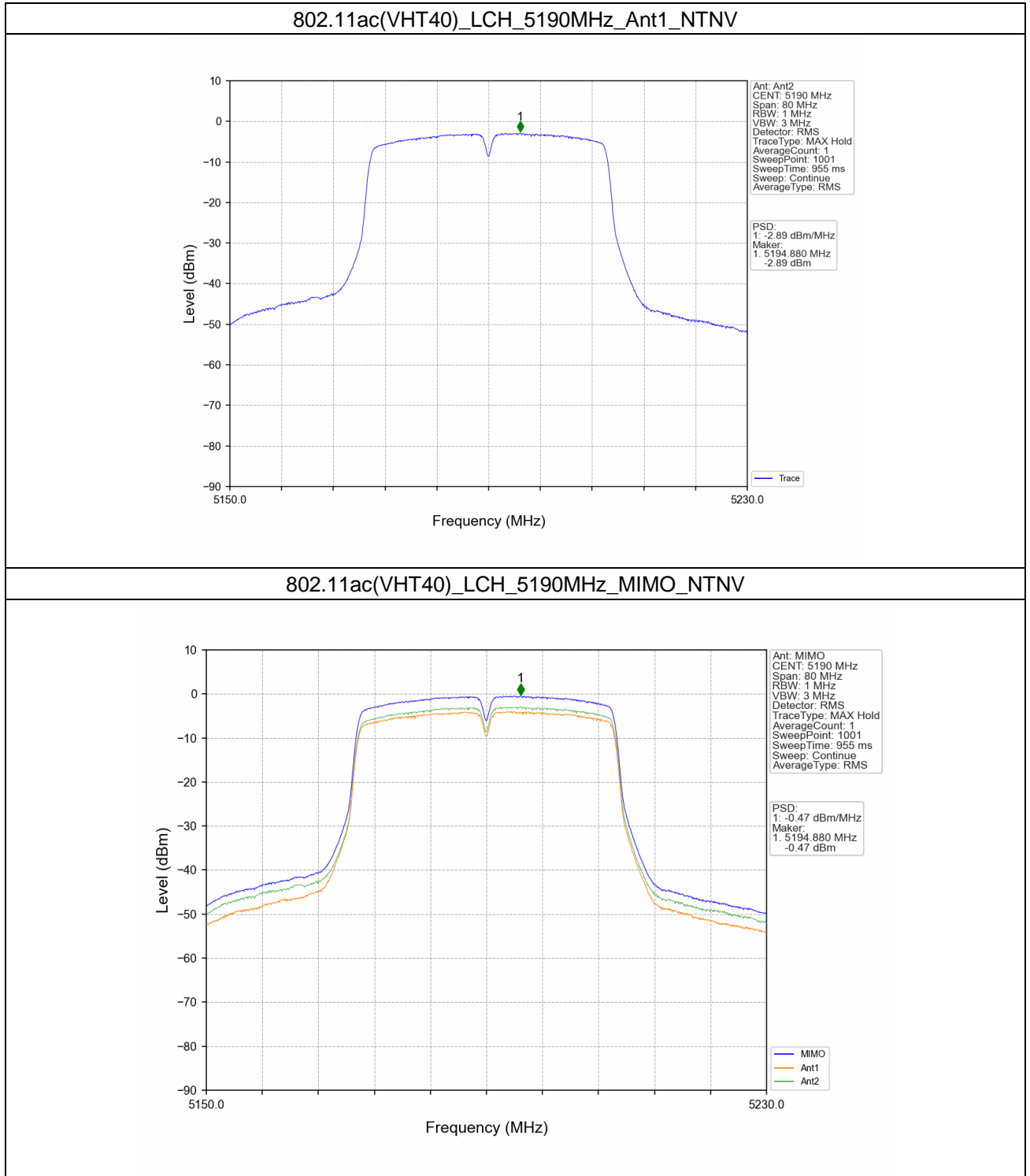
802.11ac(VHT20)\_HCH\_5700MHz\_Ant1\_NTNV



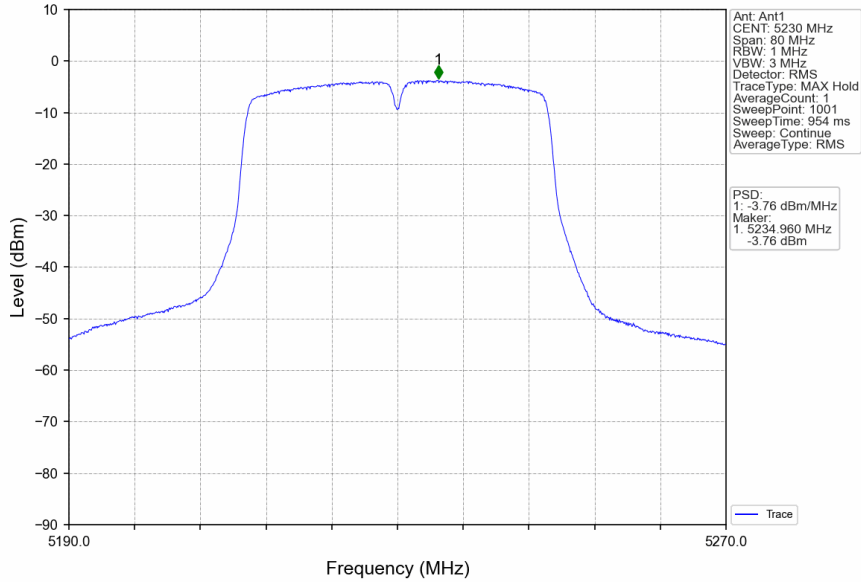
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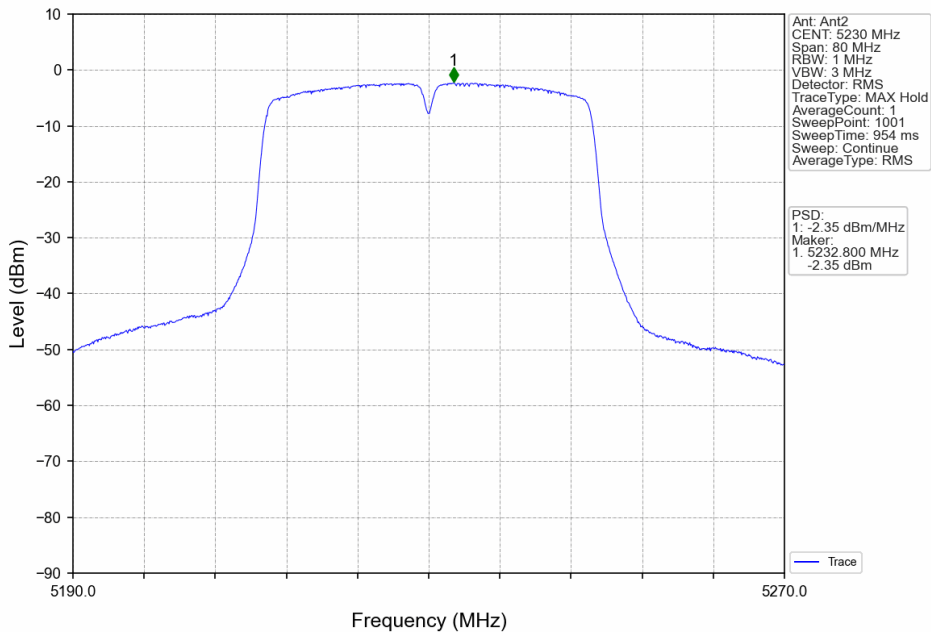




802.11ac(VHT40)\_HCH\_5230MHz\_Ant0\_NTNV

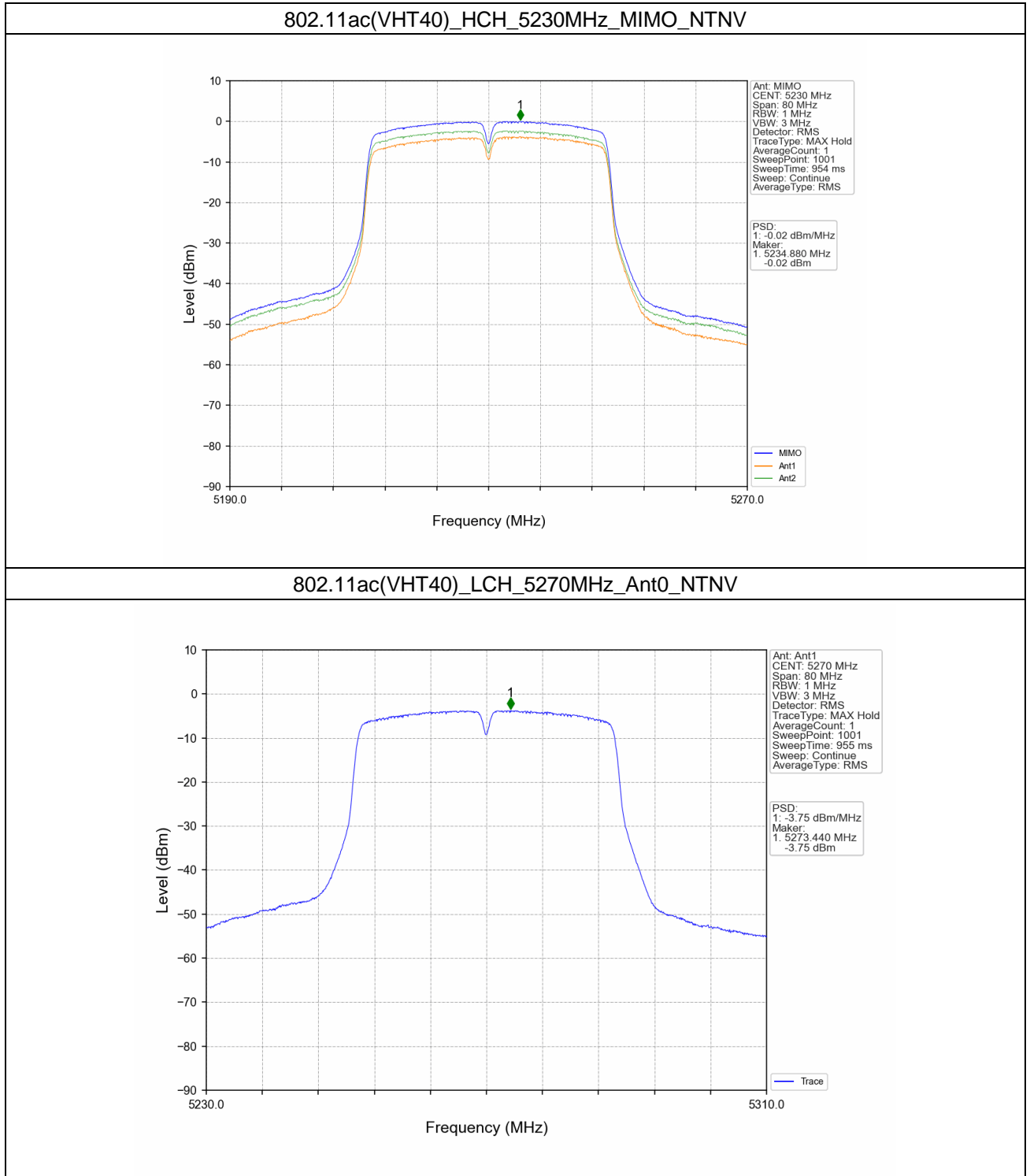


802.11ac(VHT40)\_HCH\_5230MHz\_Ant1\_NTNV



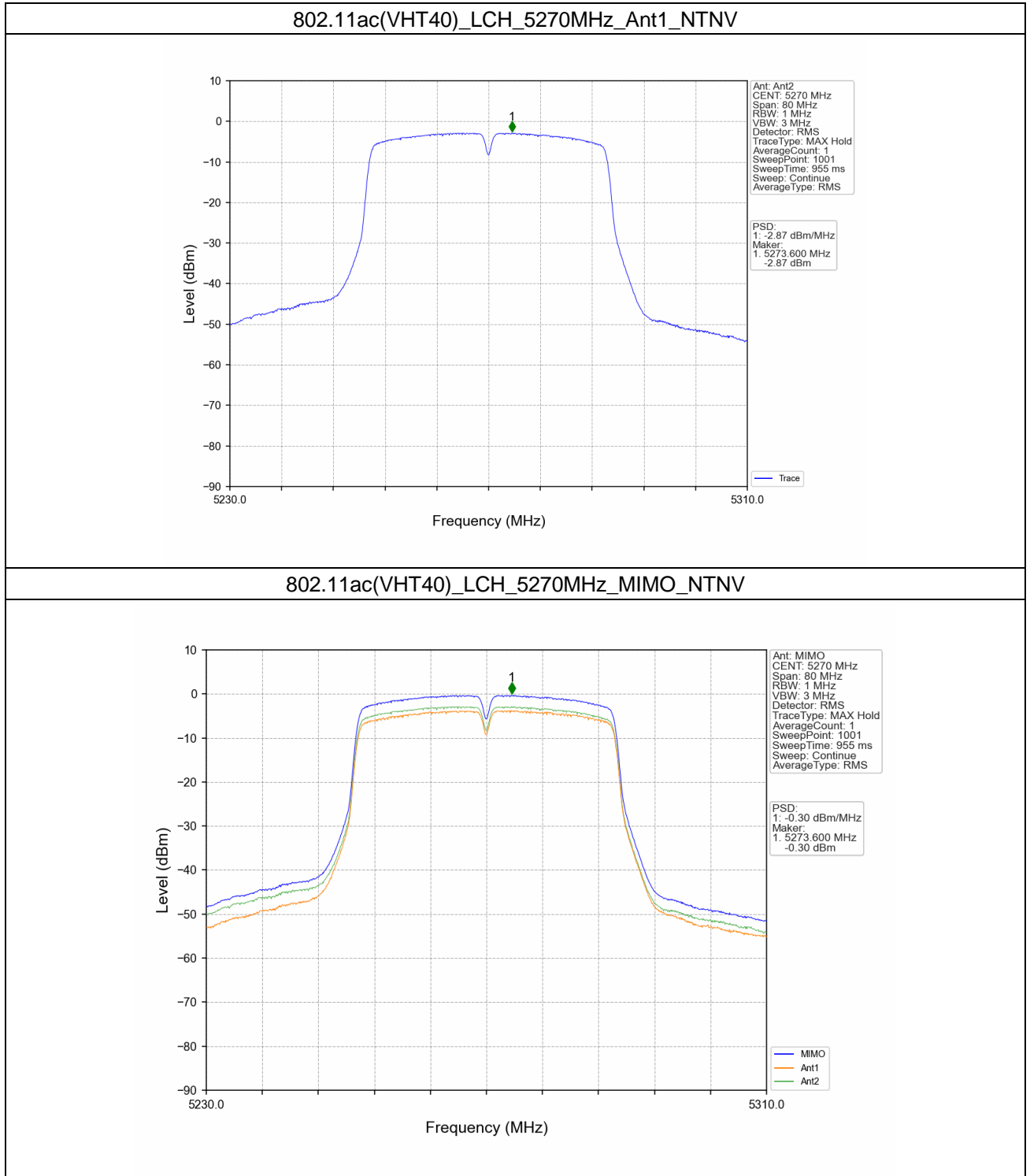
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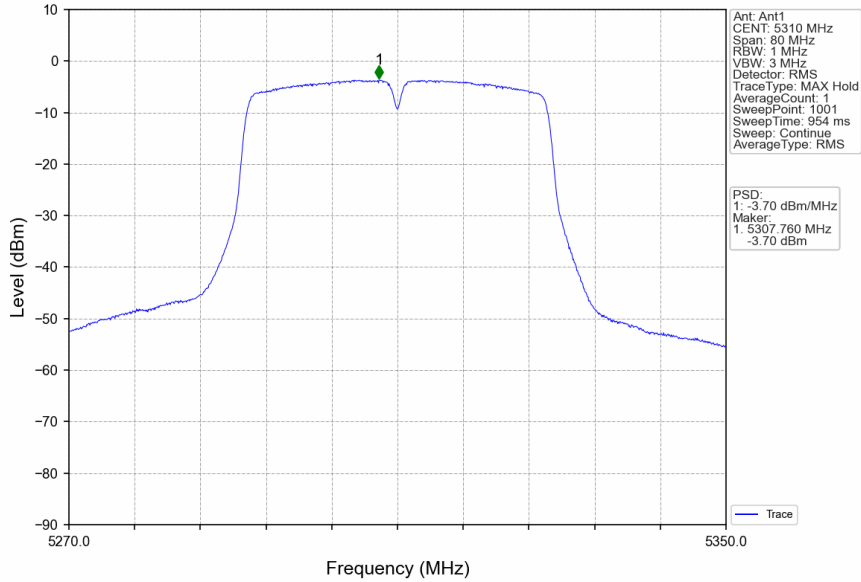
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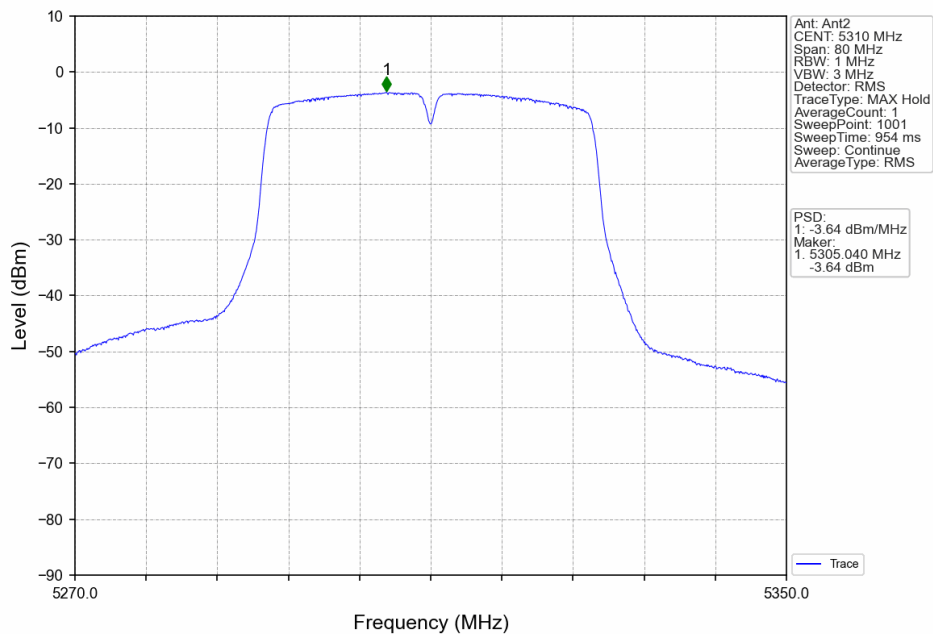


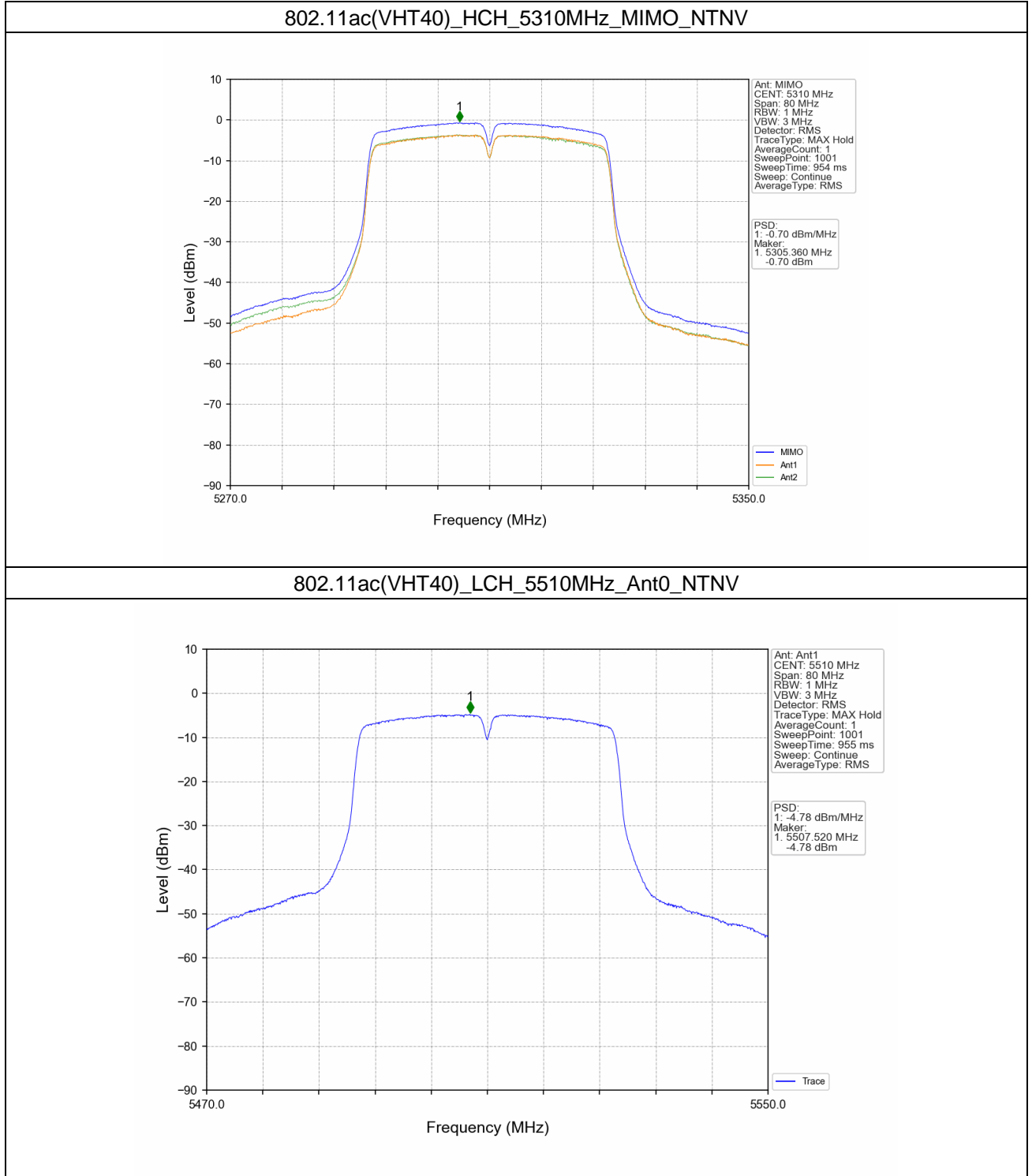


802.11ac(VHT40)\_HCH\_5310MHz\_Ant0\_NTNV



802.11ac(VHT40)\_HCH\_5310MHz\_Ant1\_NTNV

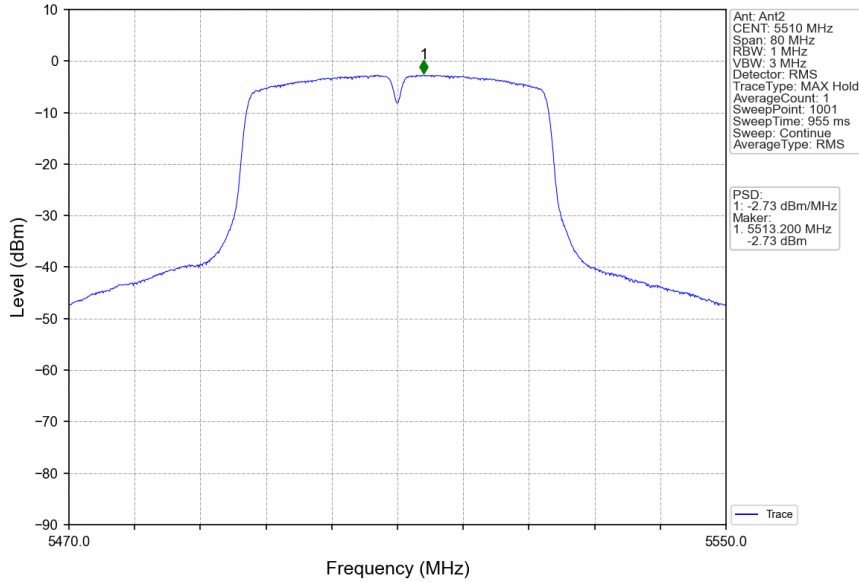




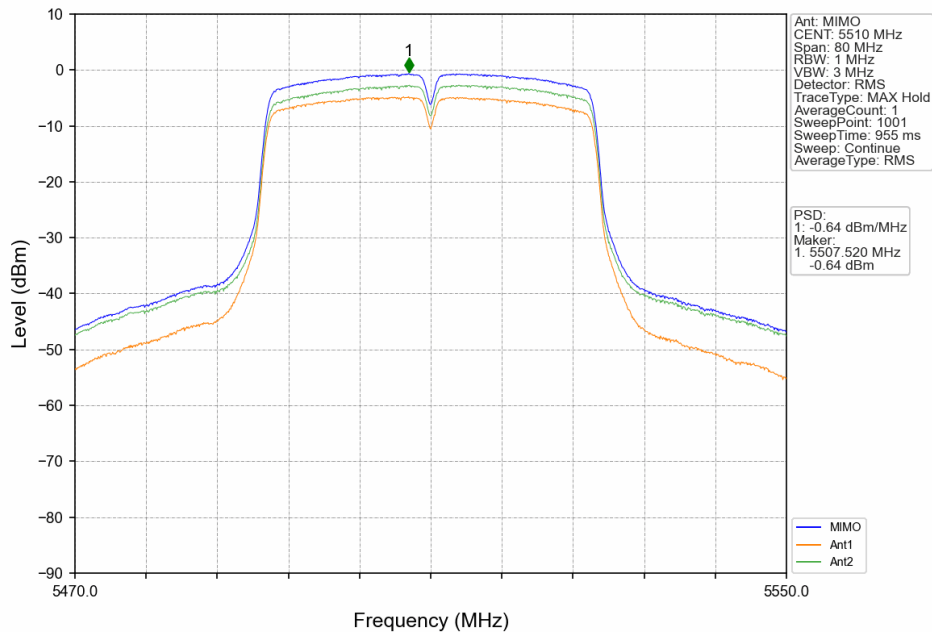
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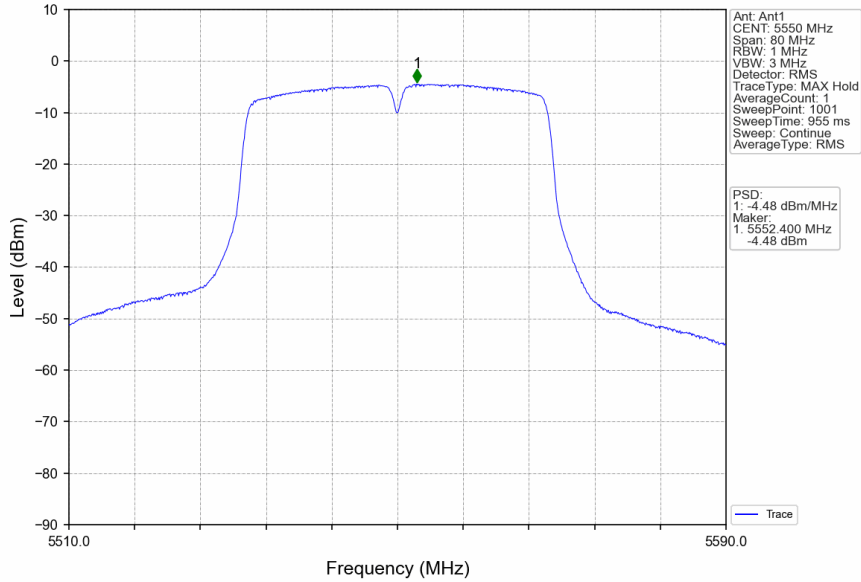
802.11ac(VHT40)\_LCH\_5510MHz\_Ant1\_NTNV



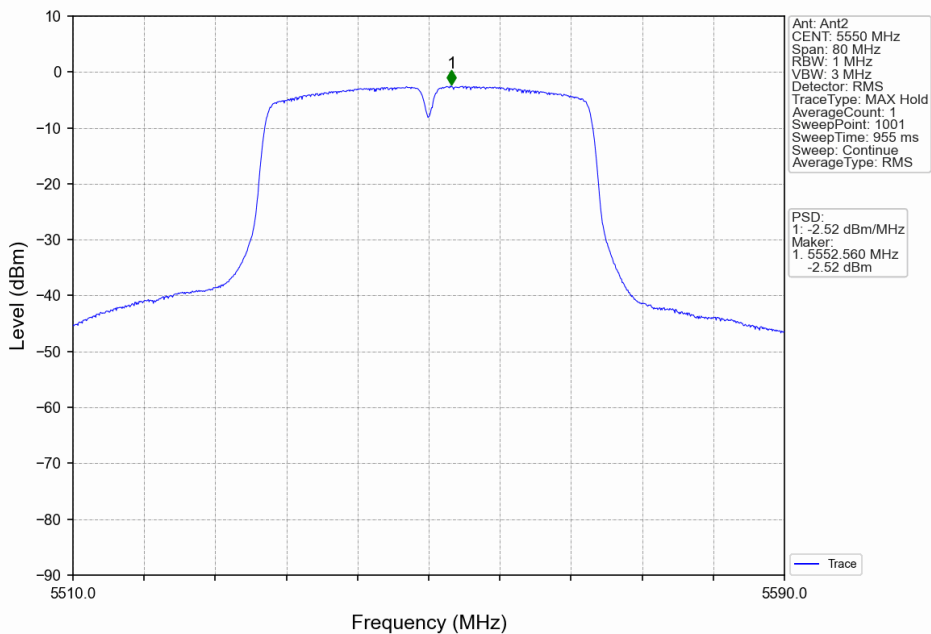
802.11ac(VHT40)\_LCH\_5510MHz\_MIMO\_NTNV



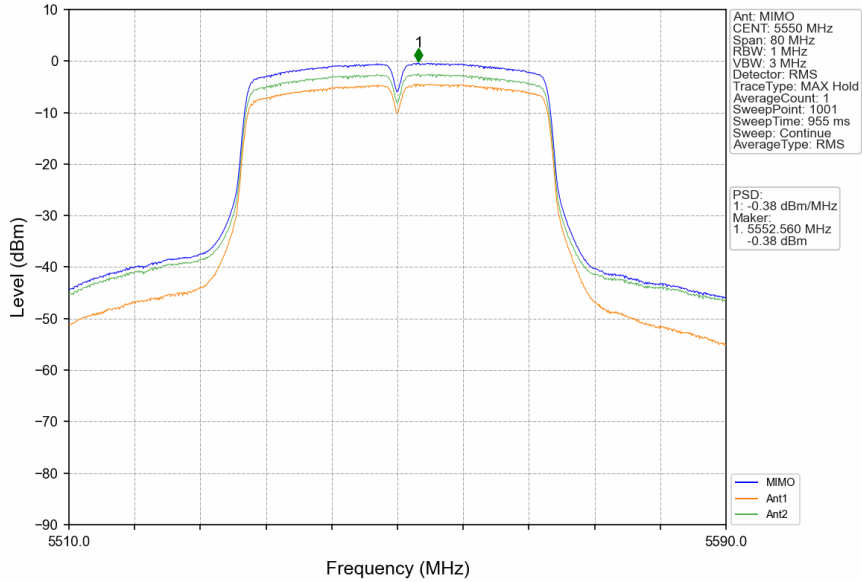
802.11ac(VHT40)\_MCH\_5550MHz\_Ant0\_NTNV



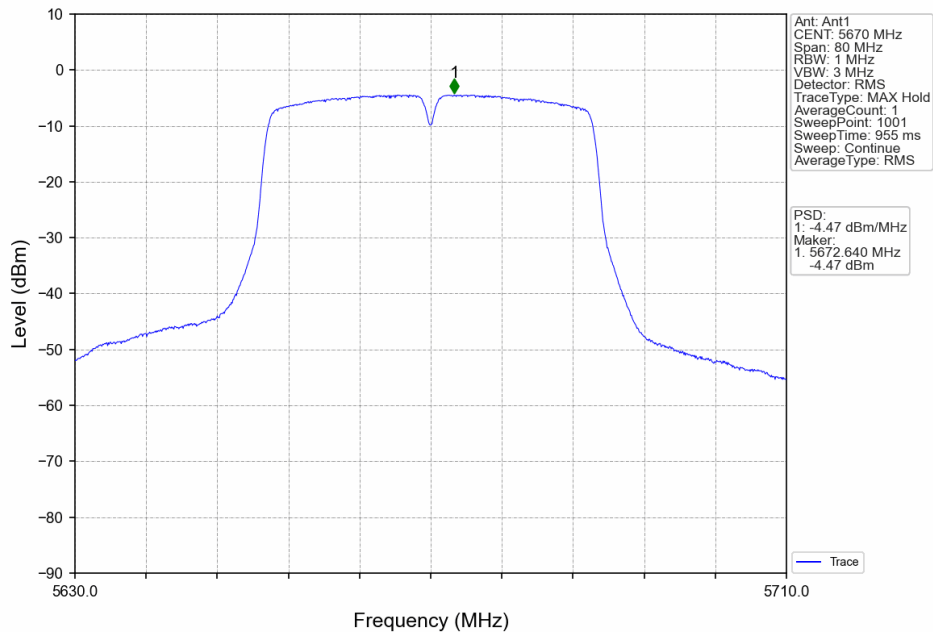
802.11ac(VHT40)\_MCH\_5550MHz\_Ant1\_NTNV



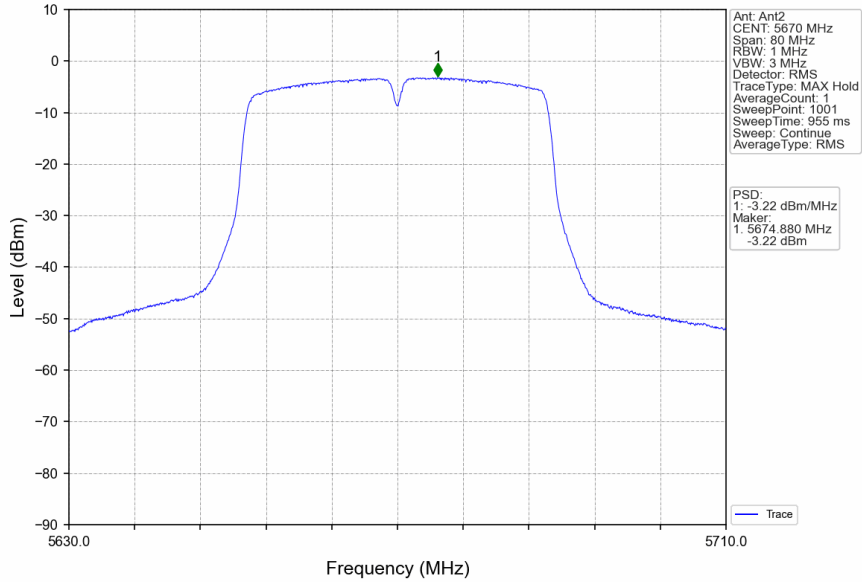
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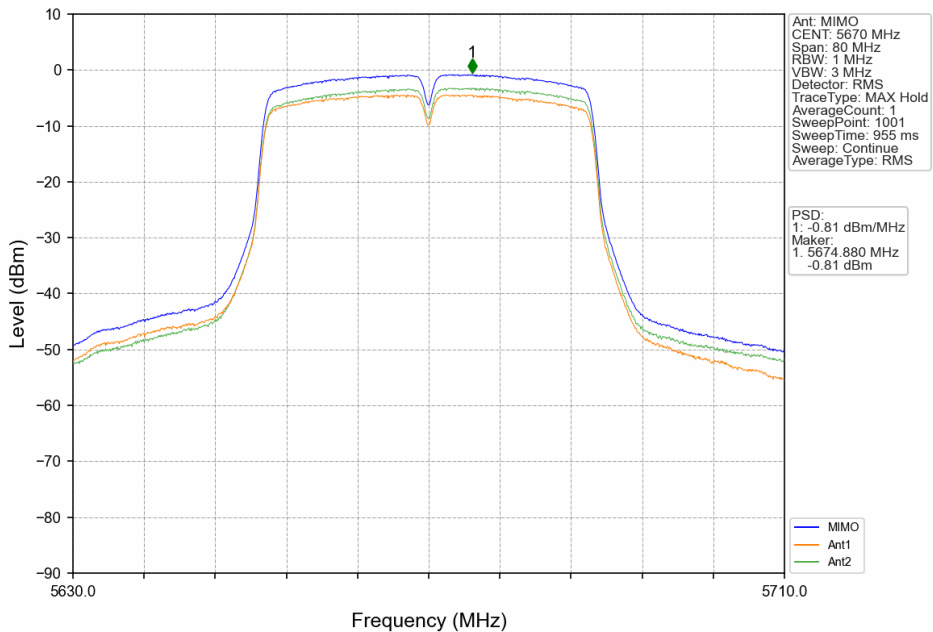
### 802.11ac(VHT40)\_HCH\_5670MHz\_Ant0\_NTNV



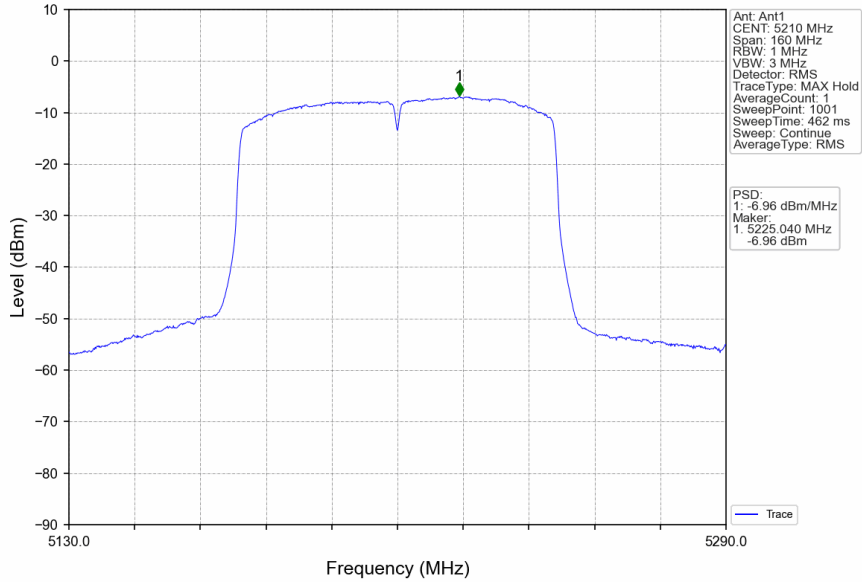
802.11ac(VHT40)\_HCH\_5670MHz\_Ant1\_NTNV



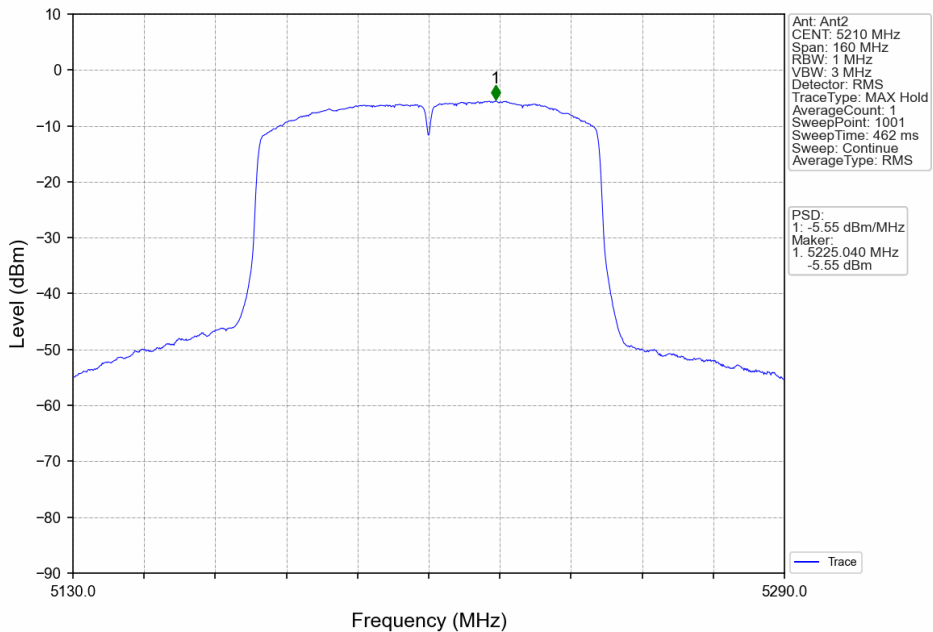
802.11ac(VHT40)\_HCH\_5670MHz\_MIMO\_NTNV

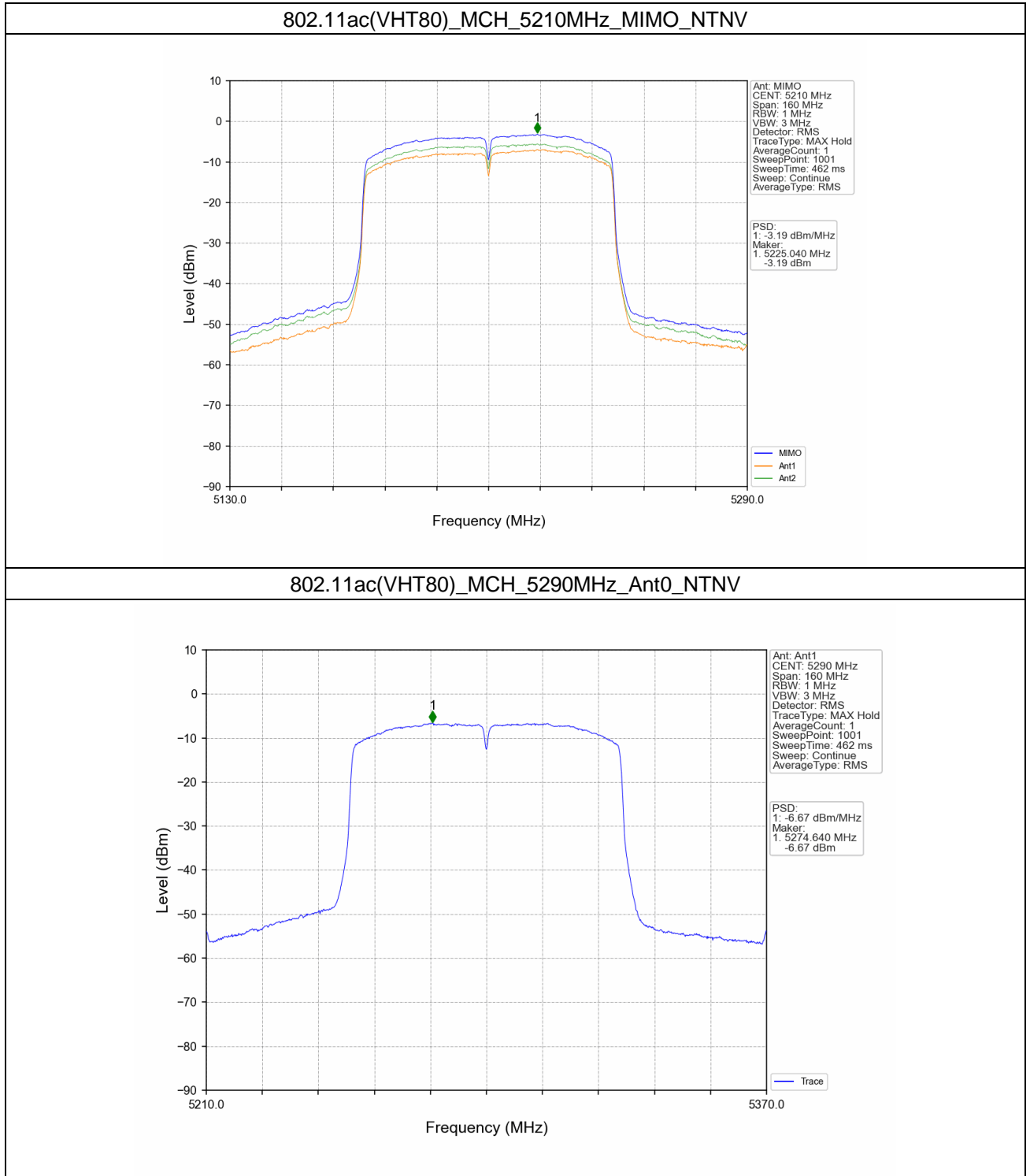


802.11ac(VHT80)\_MCH\_5210MHz\_Ant0\_NTNV



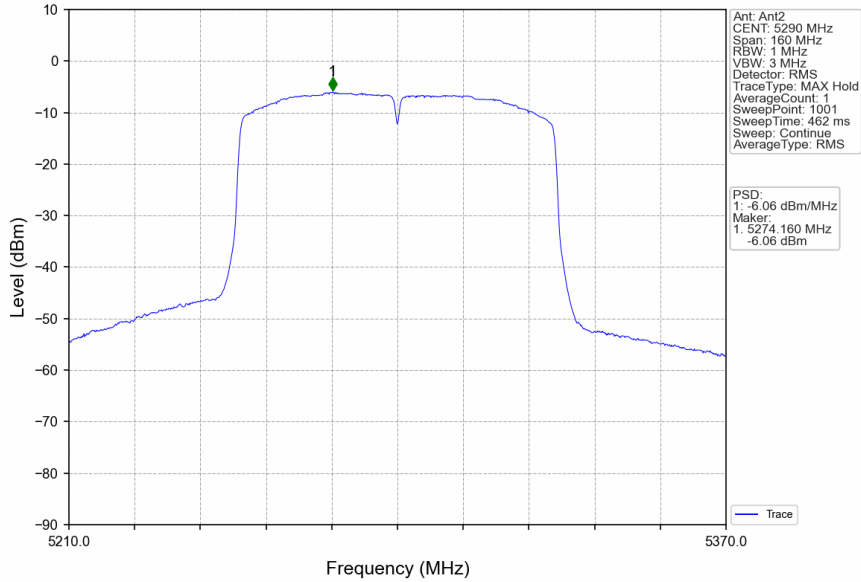
802.11ac(VHT80)\_MCH\_5210MHz\_Ant1\_NTNV



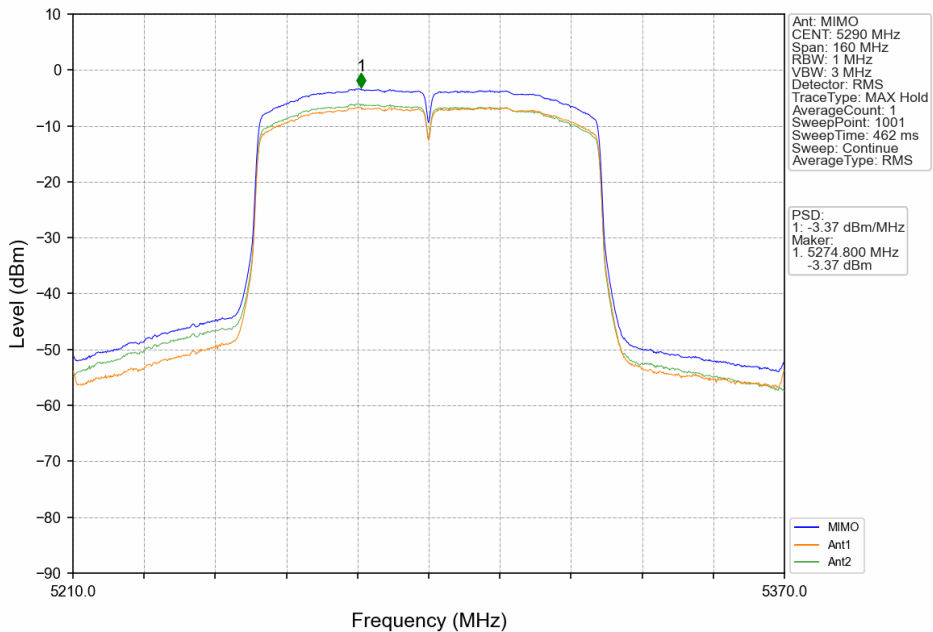




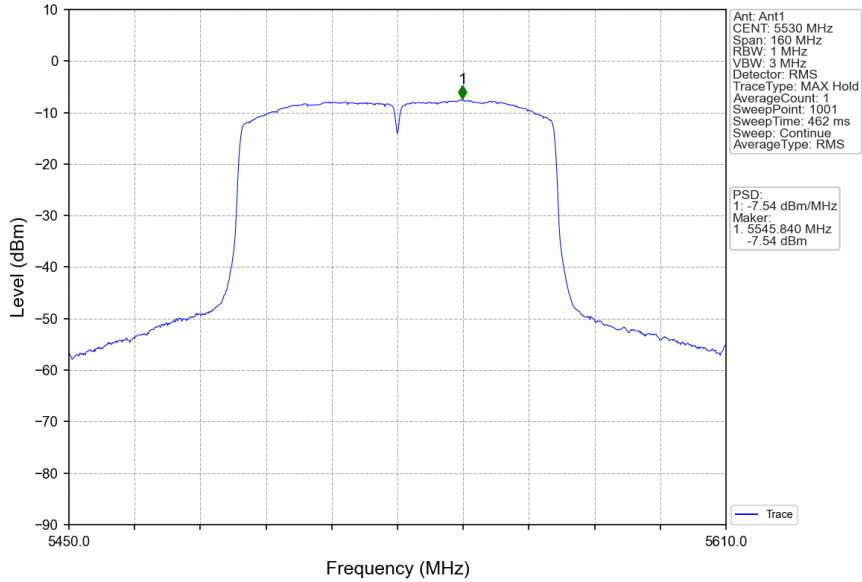
802.11ac(VHT80)\_MCH\_5290MHz\_Ant1\_NTNV



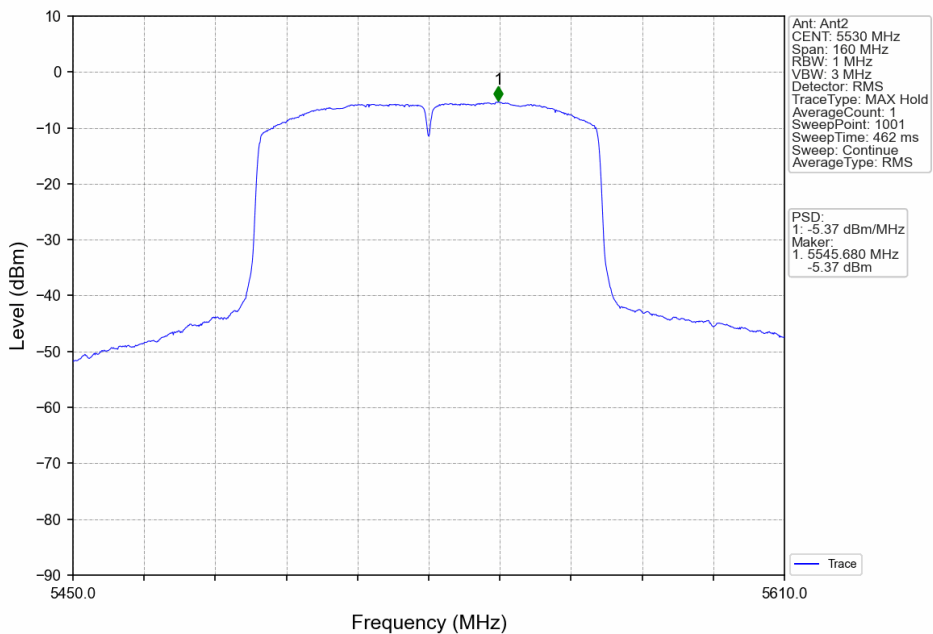
802.11ac(VHT80)\_MCH\_5290MHz\_MIMO\_NTNV



802.11ac(VHT80)\_LCH\_5530MHz\_Ant0\_NTNV

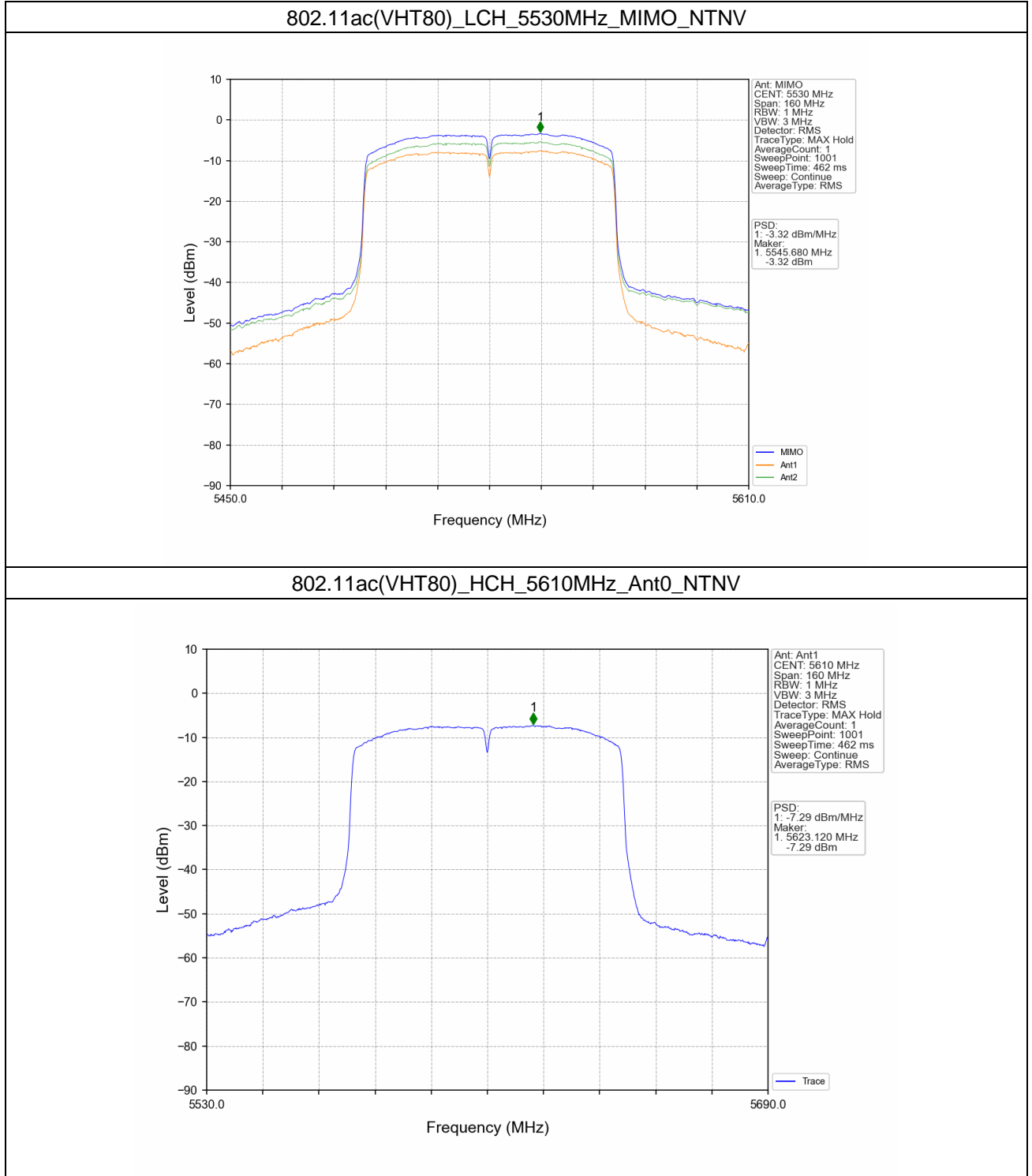


802.11ac(VHT80)\_LCH\_5530MHz\_Ant1\_NTNV

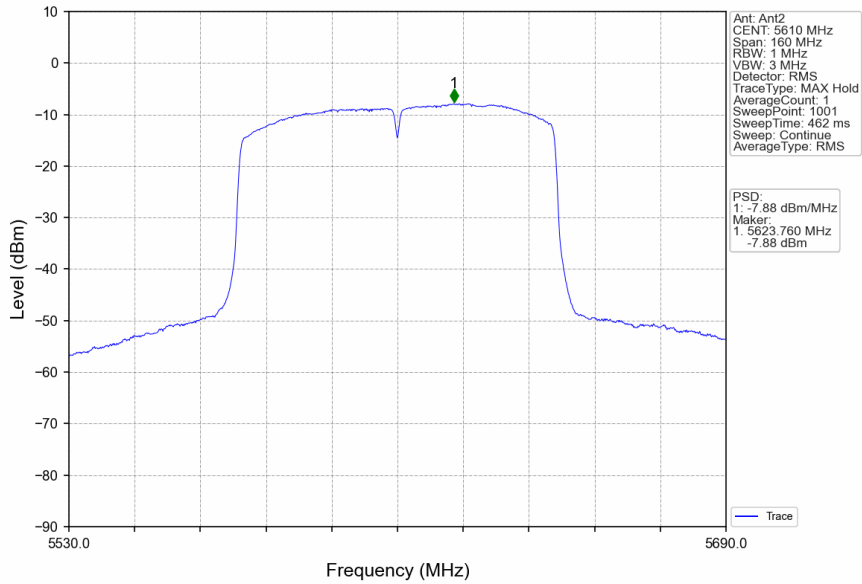


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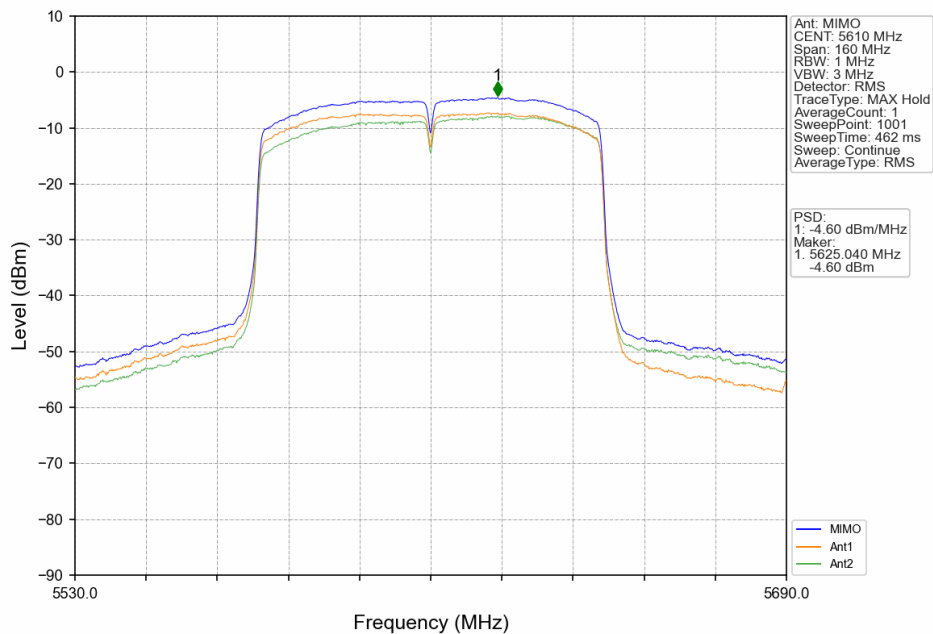
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802.11ac(VHT80)\_HCH\_5610MHz\_Ant1\_NTNV



802.11ac(VHT80)\_HCH\_5610MHz\_MIMO\_NTNV



4.2 PSD-Band3

4.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)				Verdict
			ANT0	ANT1	MIMO	Limit	
802.11a	SISO	5745	-0.75	0.13	/	<=30	Pass
		5785	-0.47	1.18	/	<=30	Pass
		5825	0.09	1.32	/	<=30	Pass
802.11n (HT20)	MIMO	5745	-4.06	-1.82	0.16	<=28.03	Pass
		5785	-4.14	-1.26	0.47	<=28.03	Pass
		5825	-3.49	-1.06	0.90	<=28.03	Pass
802.11n (HT40)	MIMO	5755	-7.23	-4.58	-2.73	<=28.03	Pass
		5795	-6.56	-3.73	-1.96	<=28.03	Pass
802.11ac (VHT20)	MIMO	5745	-2.04	-2.43	0.73	<=28.03	Pass
		5785	-4.06	-1.07	0.69	<=28.03	Pass
		5825	-3.43	-0.98	0.94	<=28.03	Pass
802.11ac (VHT40)	MIMO	5755	-7.24	-4.34	-2.54	<=28.03	Pass
		5795	-6.74	-3.43	-1.80	<=28.03	Pass
802.11ac (VHT80)	MIMO	5775	-9.37	-6.39	-4.66	<=28.03	Pass

Remark:

MIMO limit=SISO limit- Directional gain+6dBi

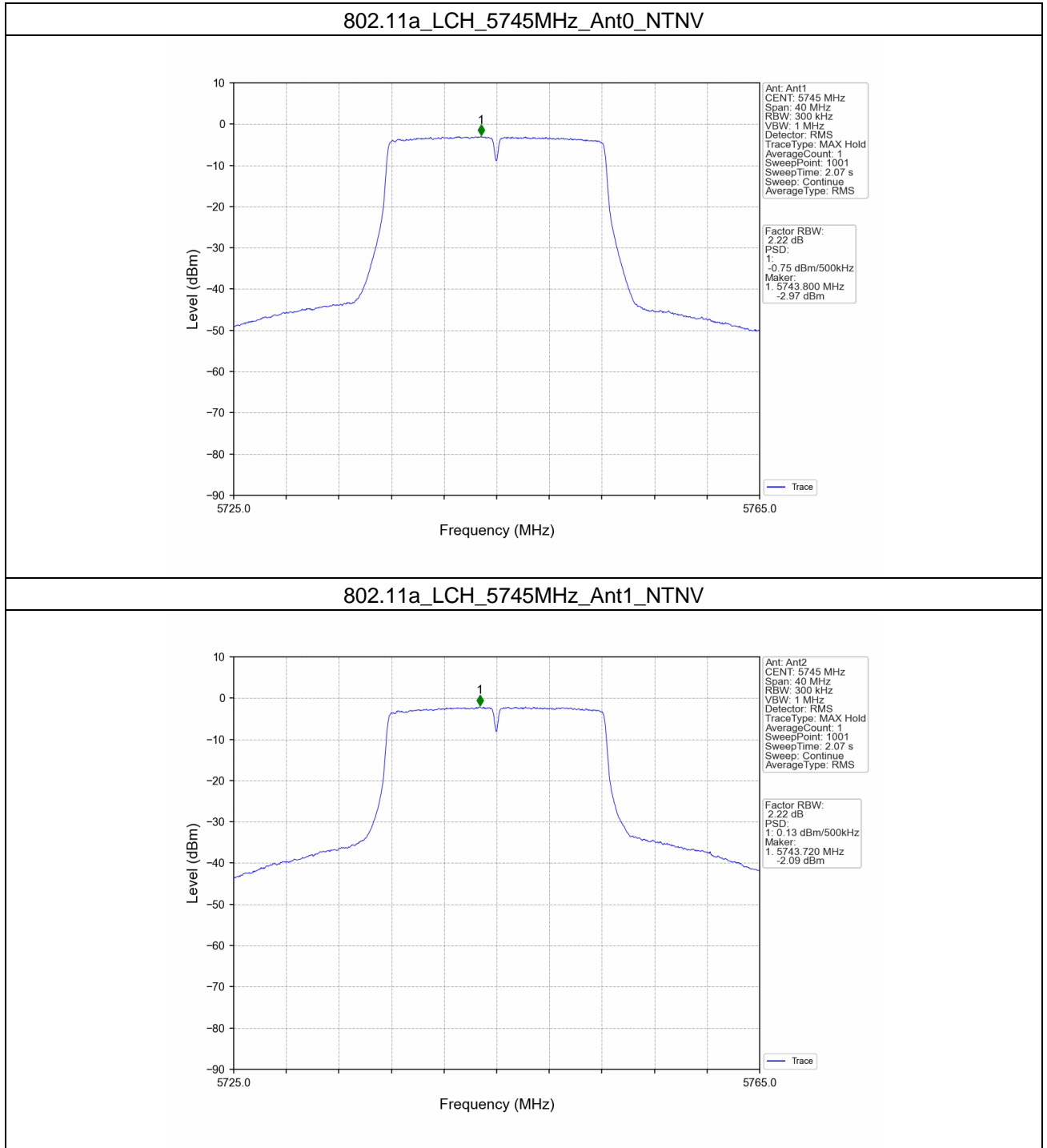
Directional gain=7.97dBi



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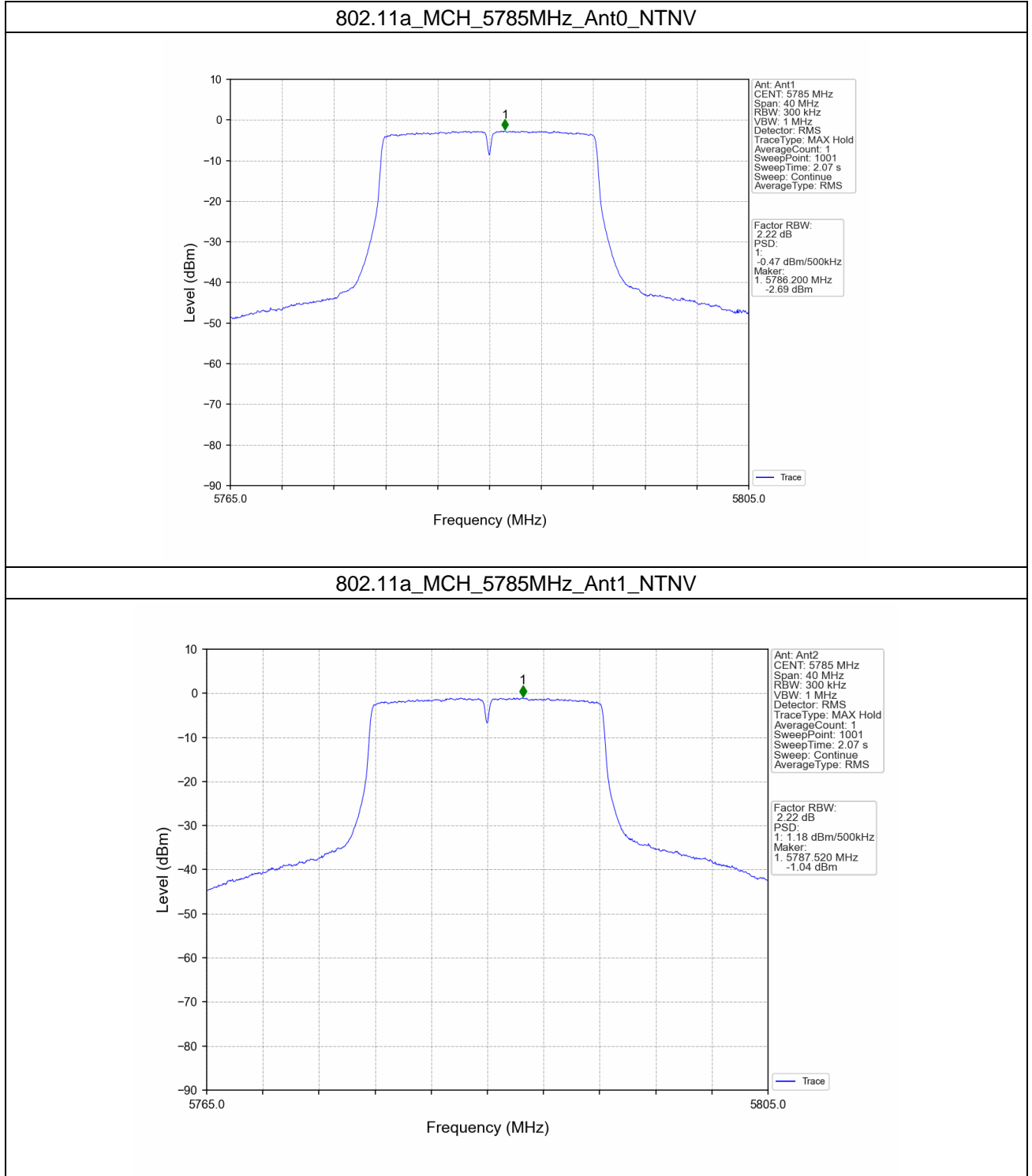
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### 4.2.2 Test Graph



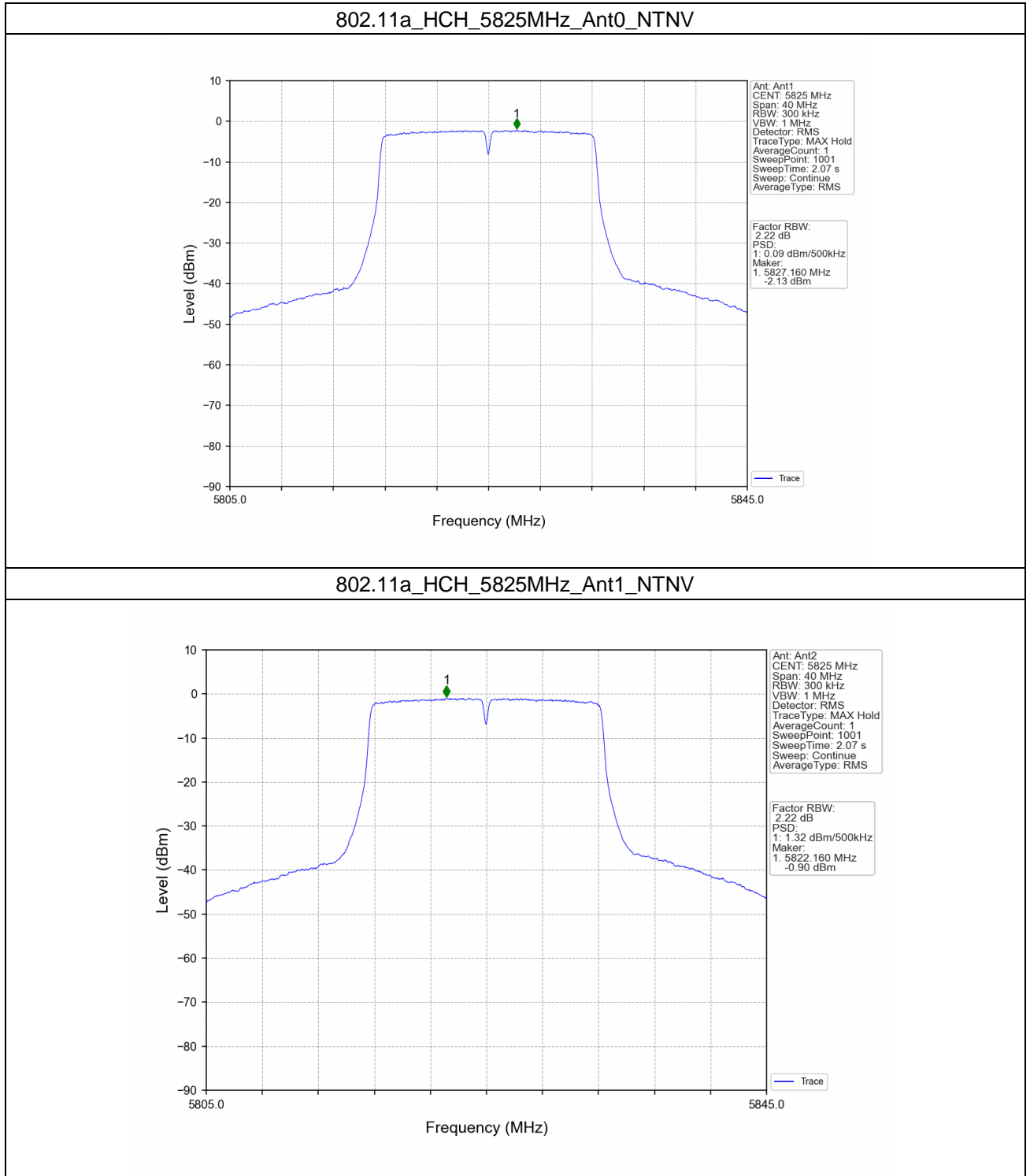
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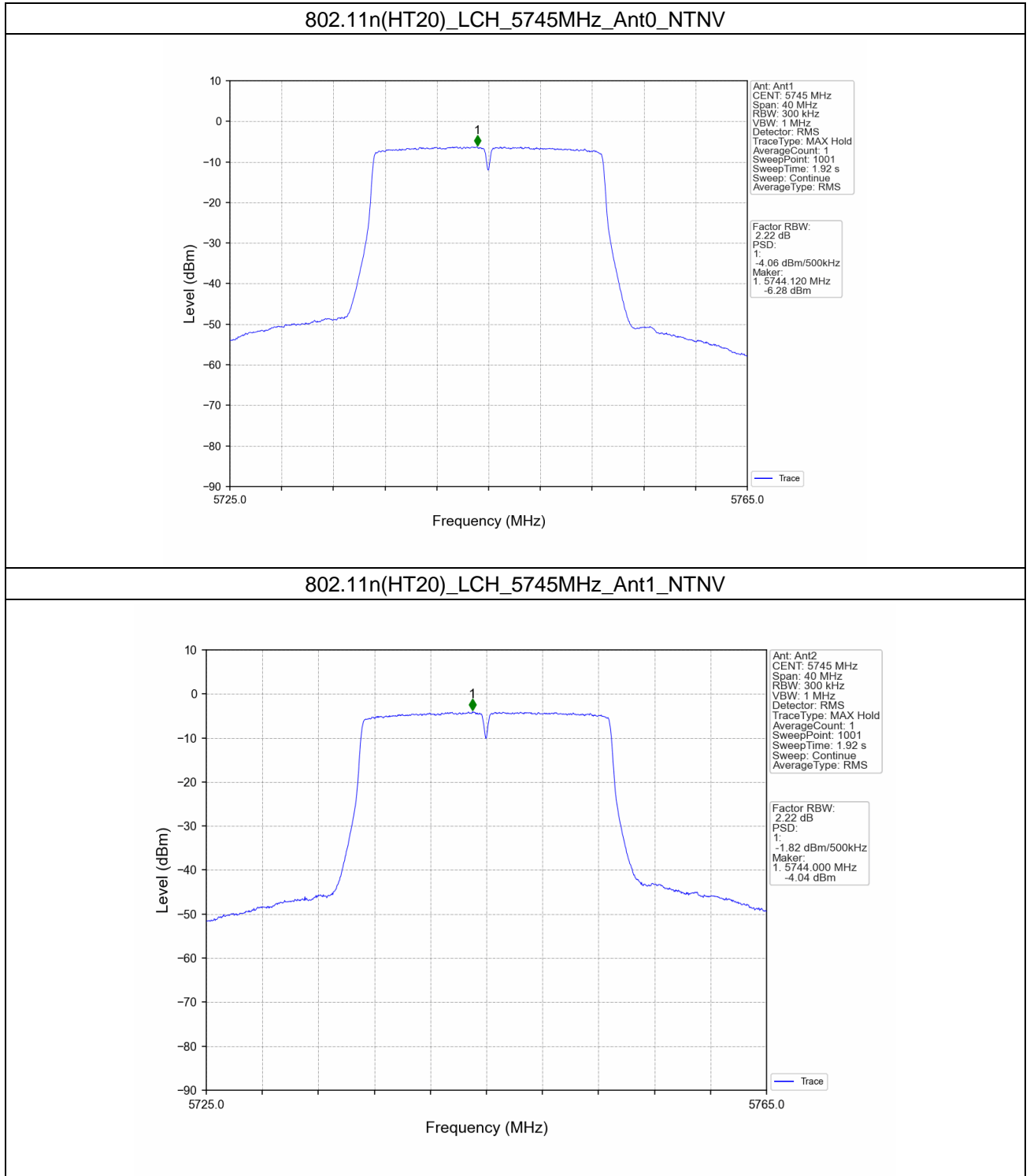


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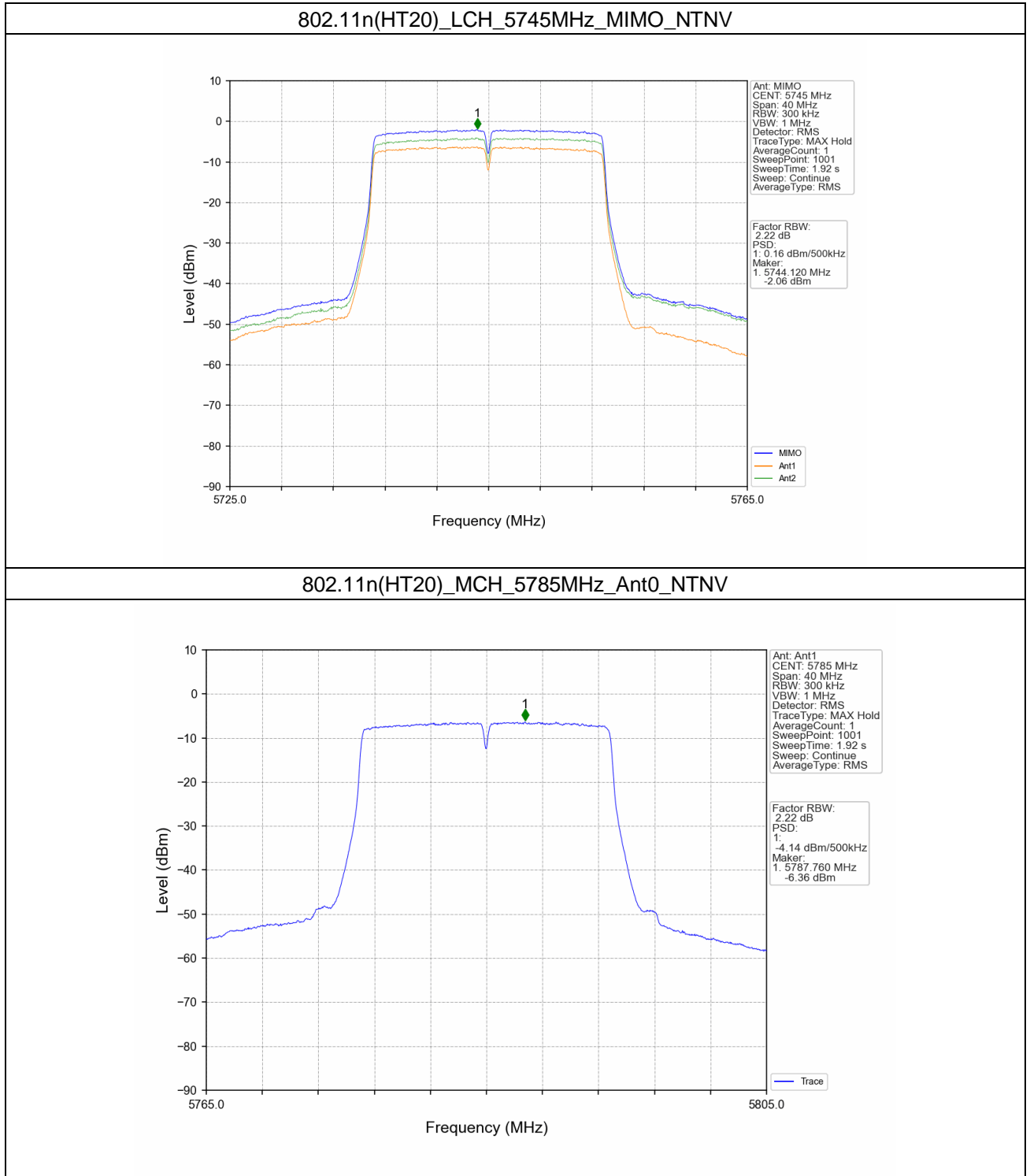


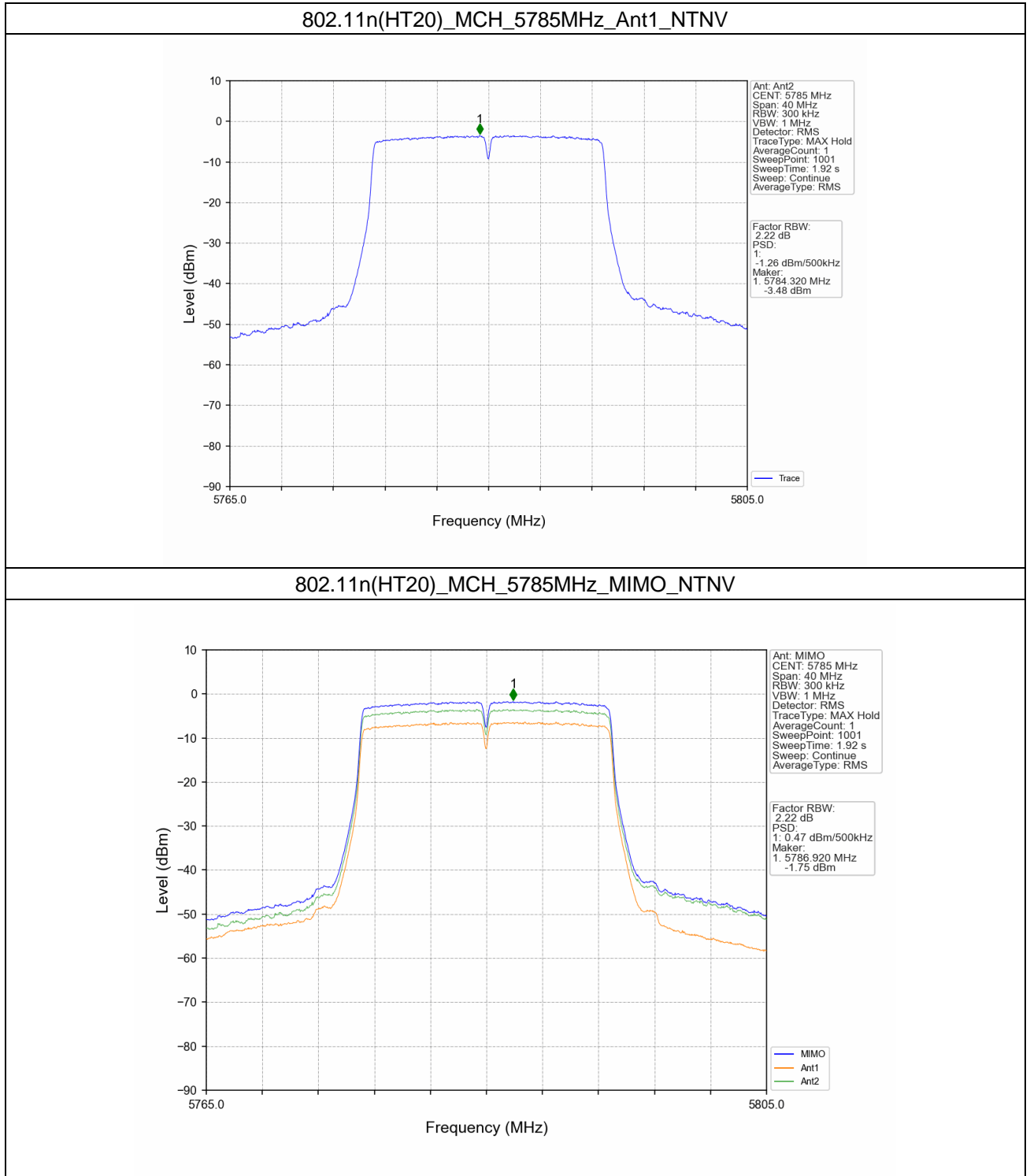


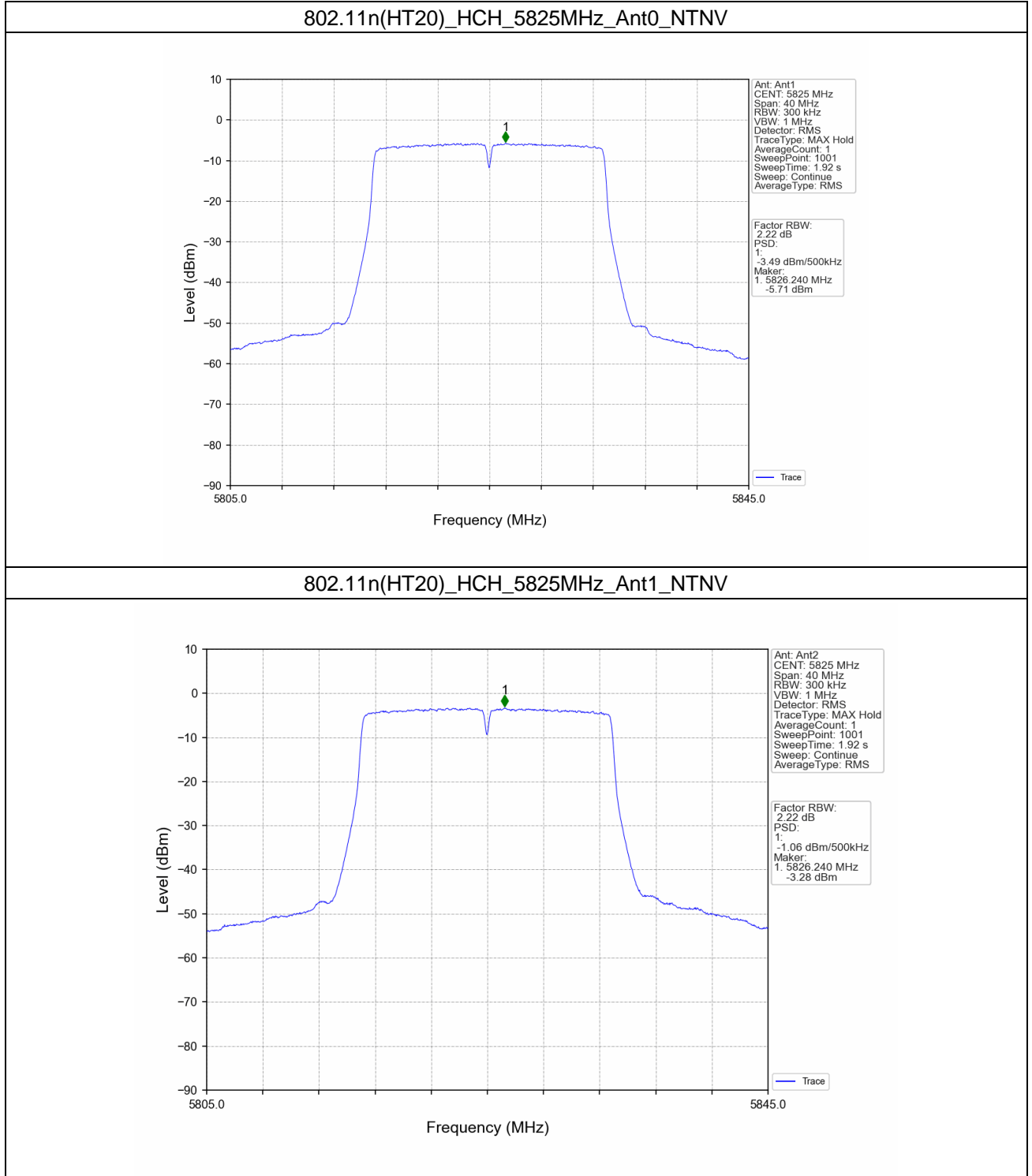


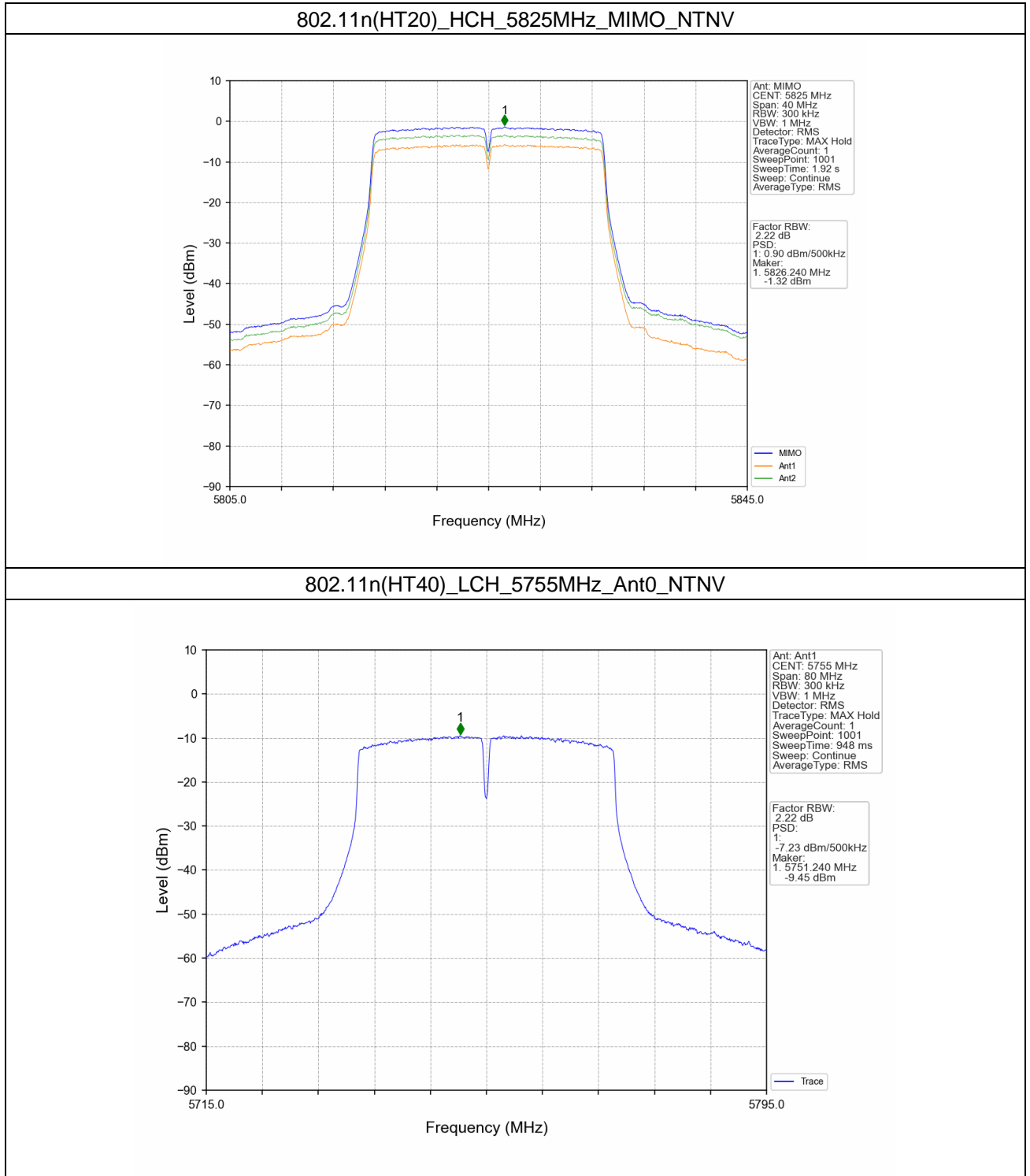
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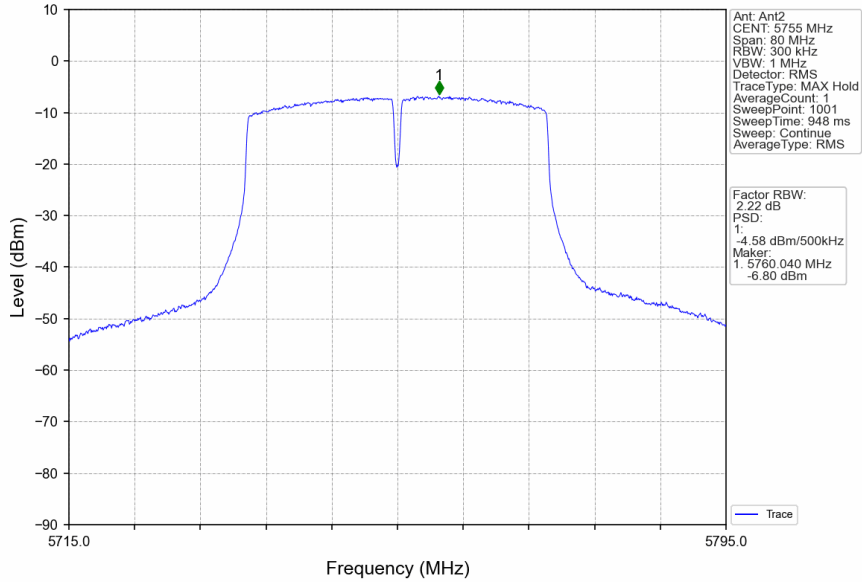




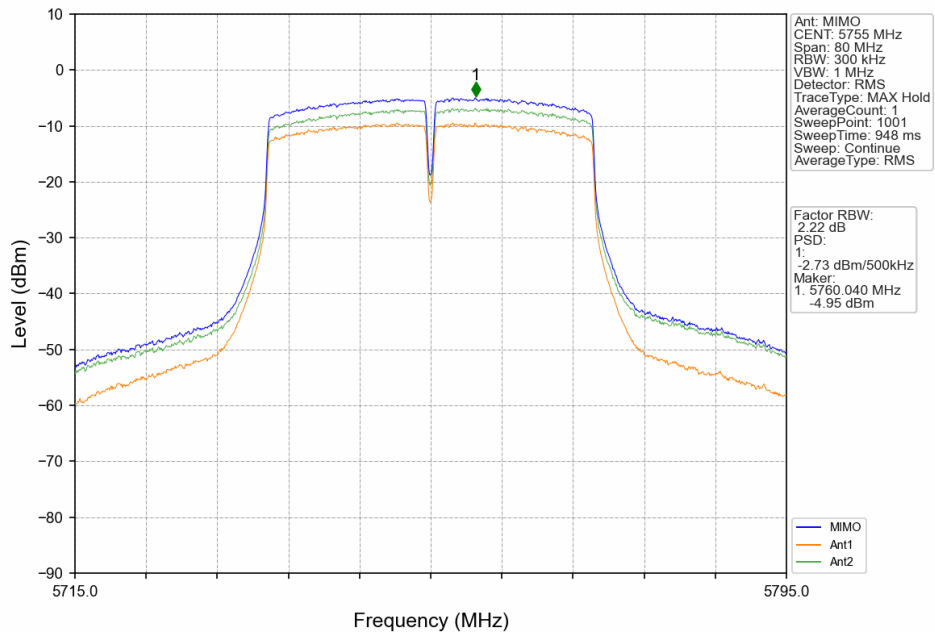


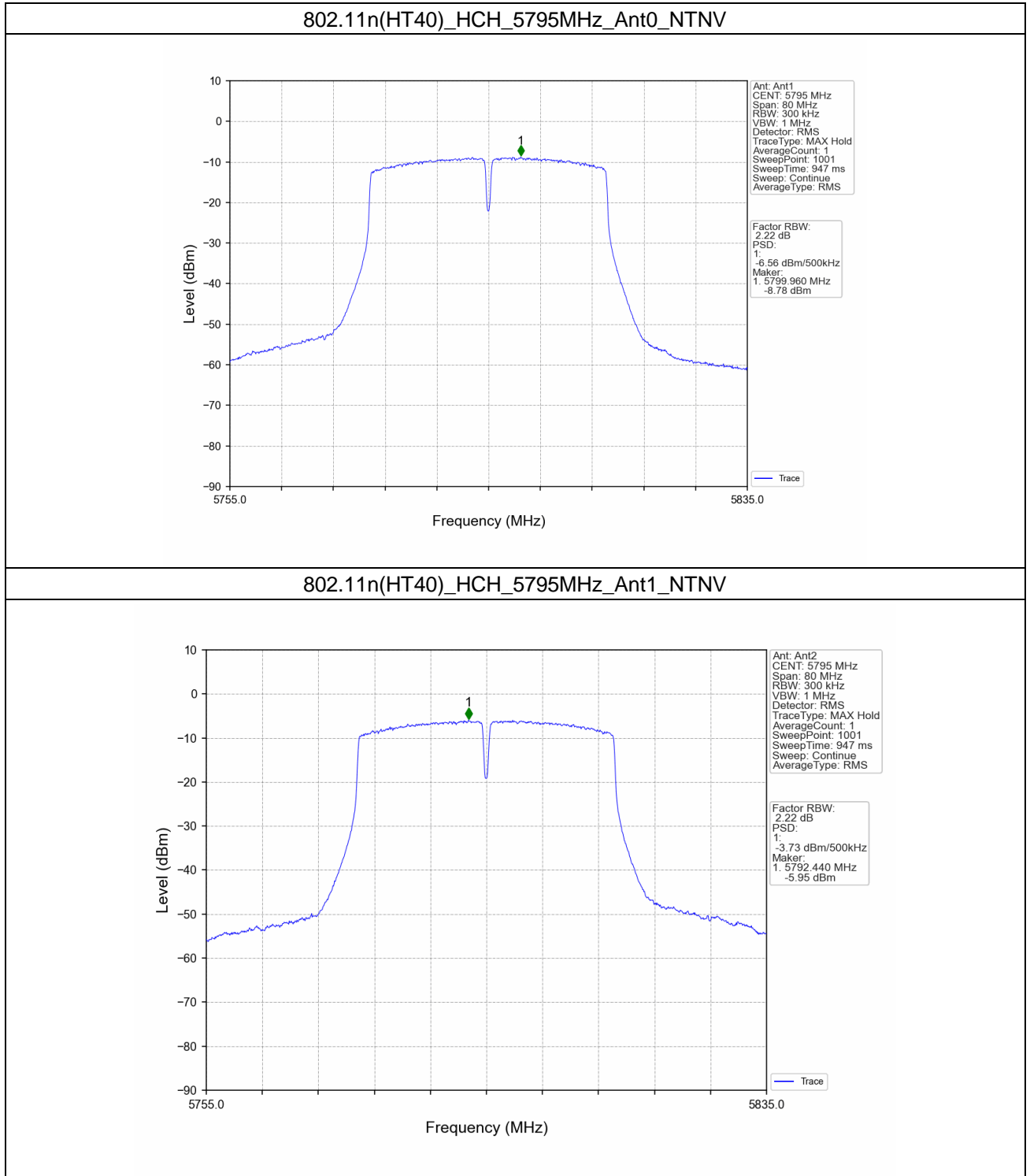


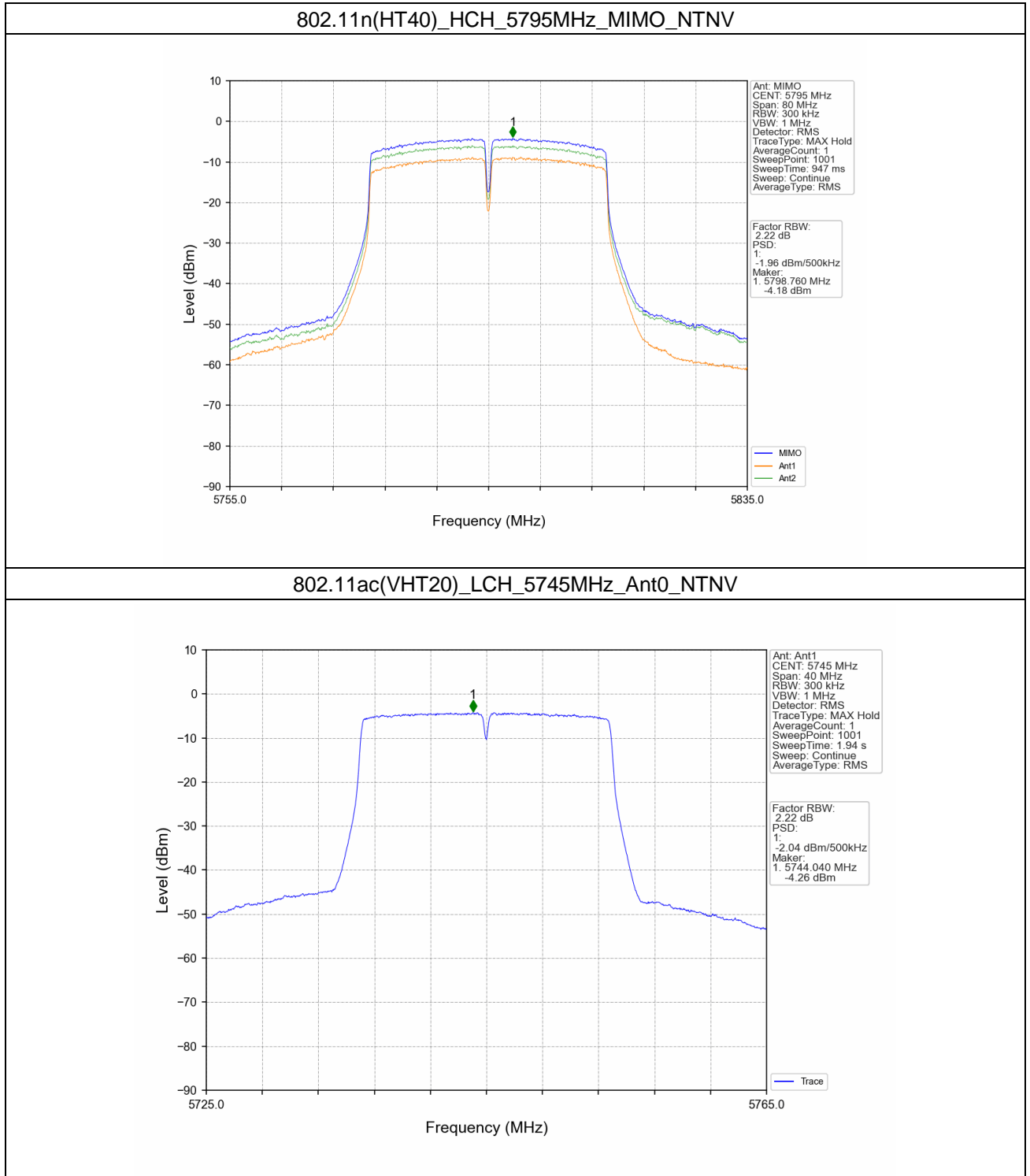
### 802.11n(HT40)\_LCH\_5755MHz\_Ant1\_NTNV



### 802.11n(HT40)\_LCH\_5755MHz\_MIMO\_NTNV

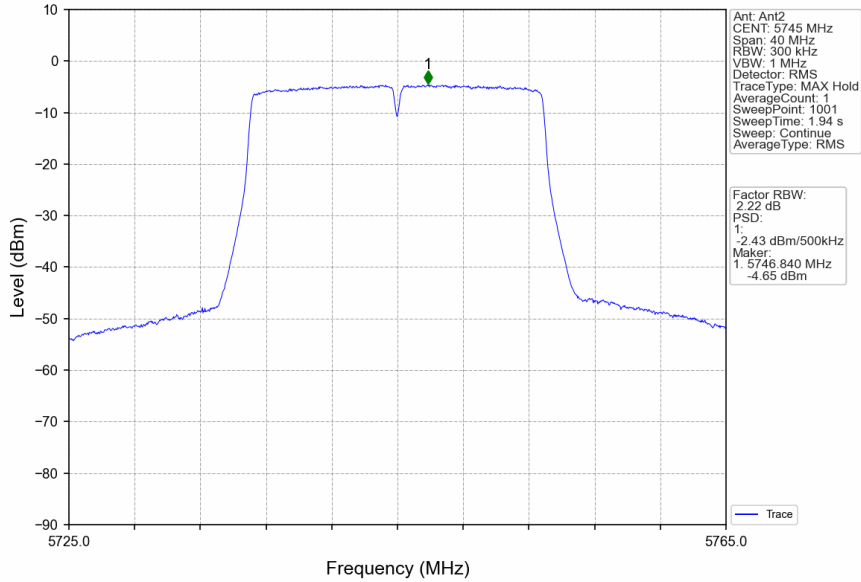




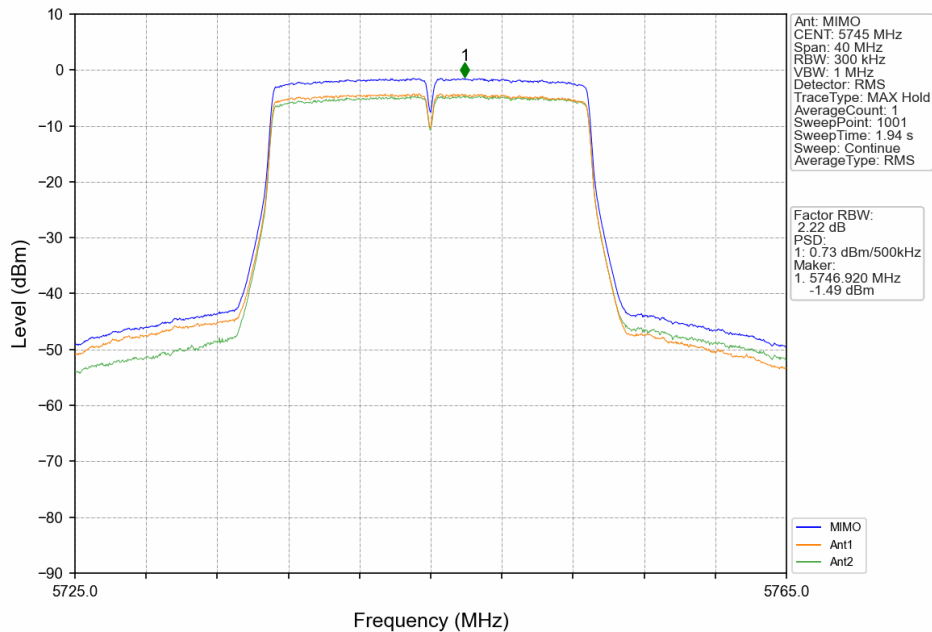




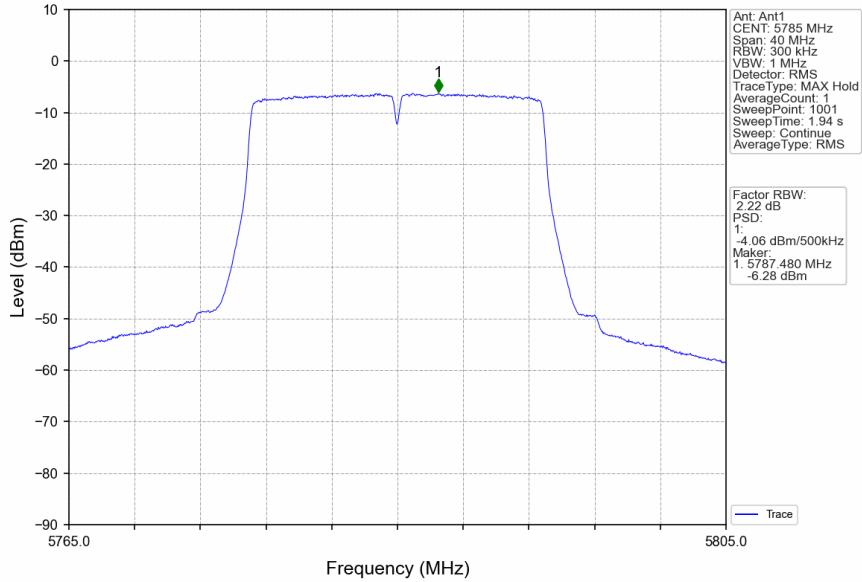
802.11ac(VHT20)\_LCH\_5745MHz\_Ant1\_NTNV



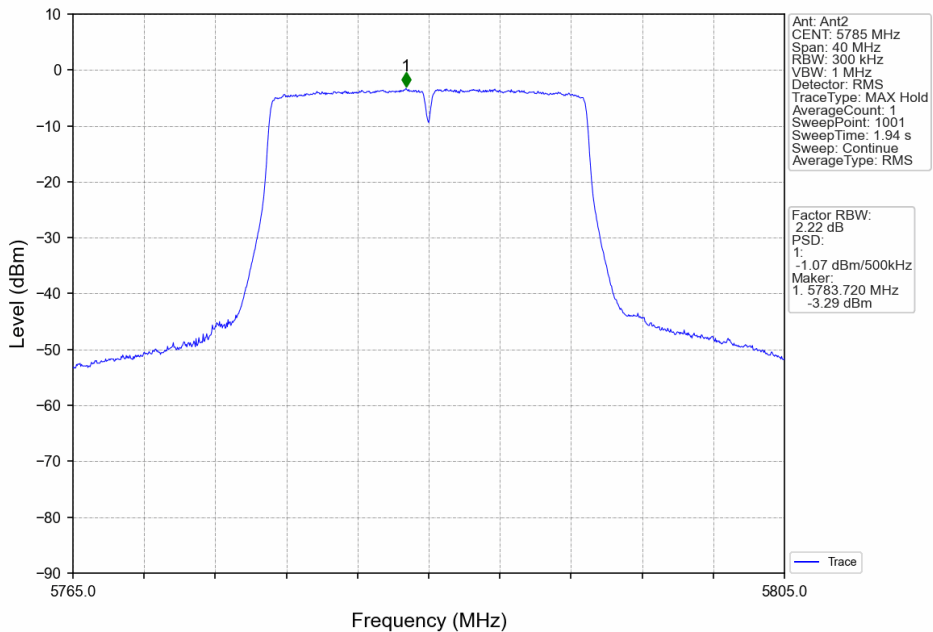
802.11ac(VHT20)\_LCH\_5745MHz\_MIMO\_NTNV



### 802.11ac(VHT20)\_MCH\_5785MHz\_Ant0\_NTNV



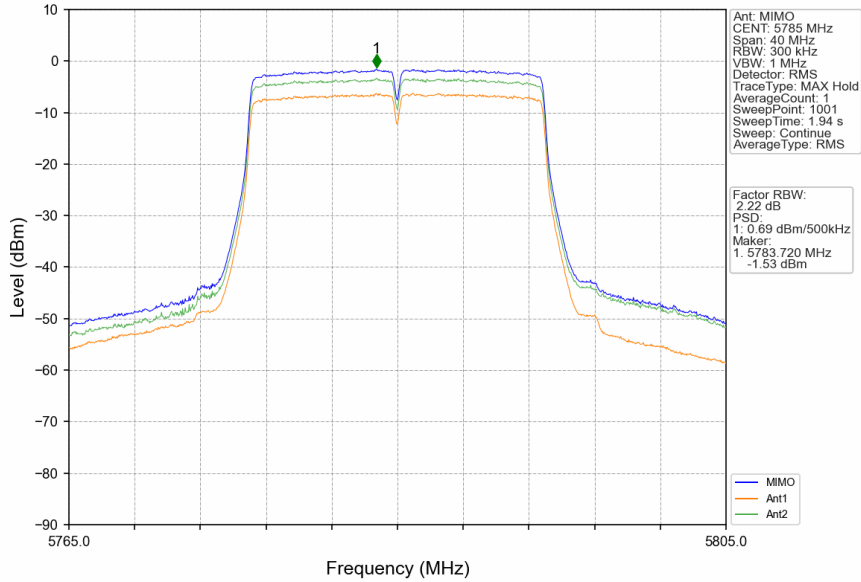
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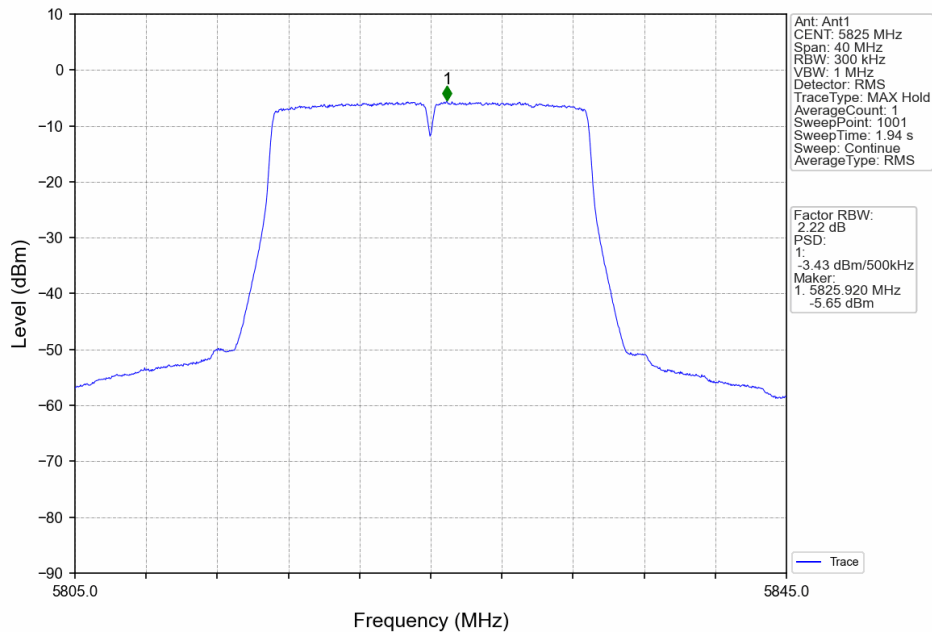
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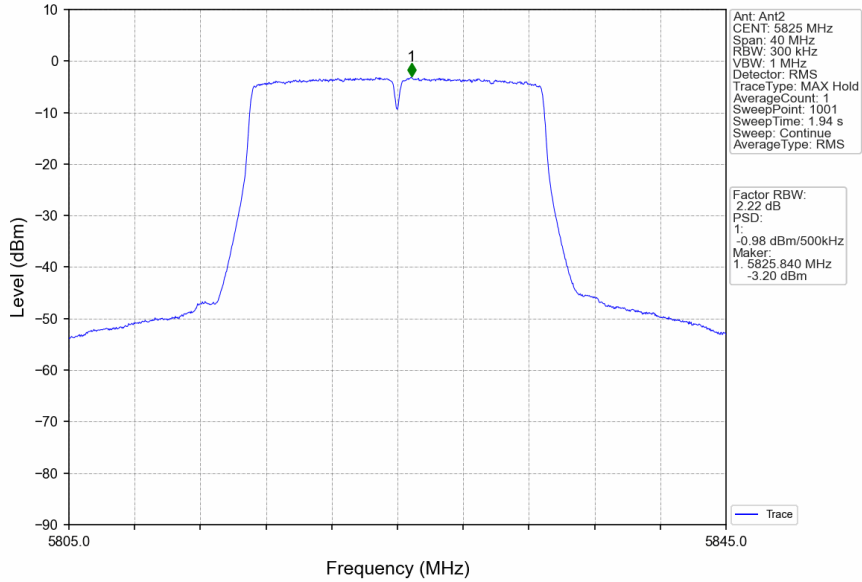
### 802.11ac(VHT20)\_MCH\_5785MHz\_MIMO\_NTNV



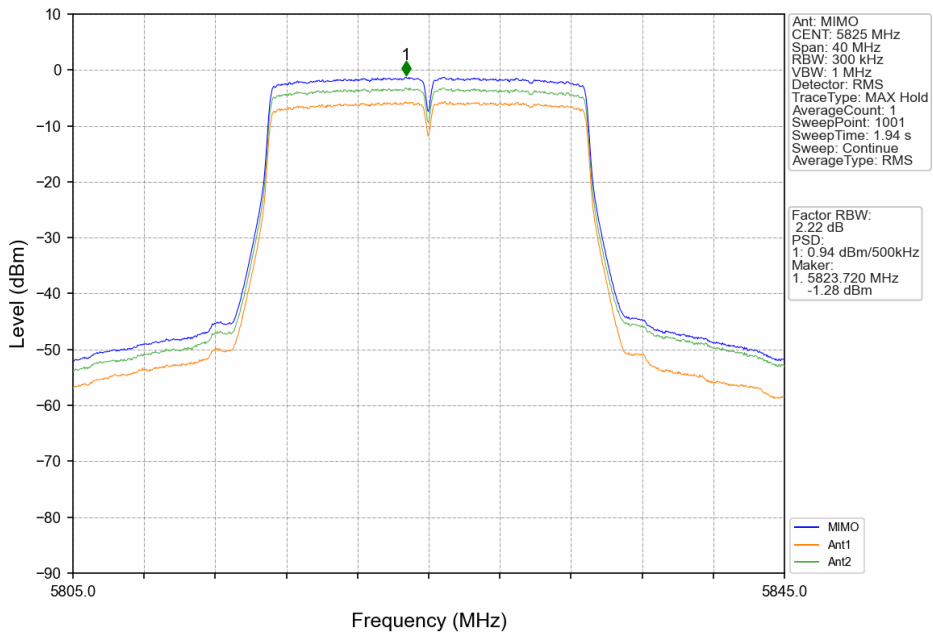
### 802.11ac(VHT20)\_HCH\_5825MHz\_Ant0\_NTNV



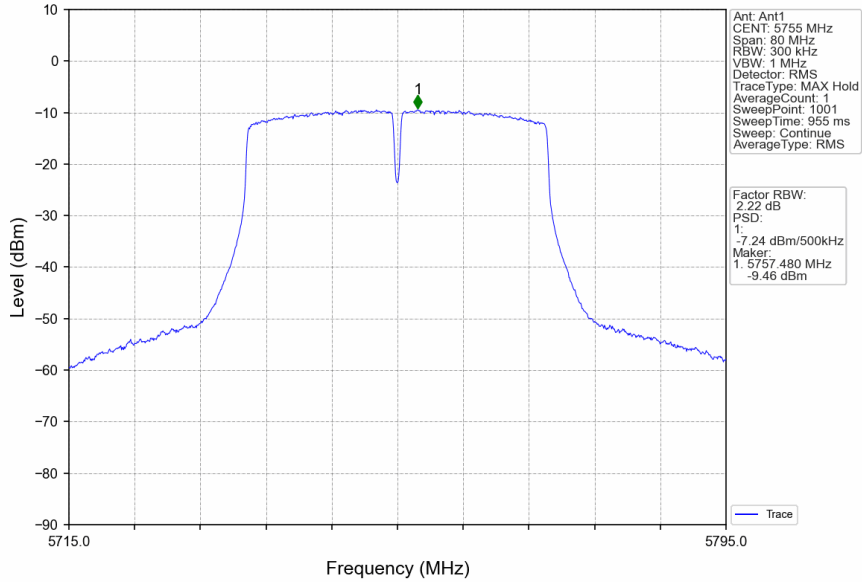
802.11ac(VHT20)\_HCH\_5825MHz\_Ant1\_NTNV



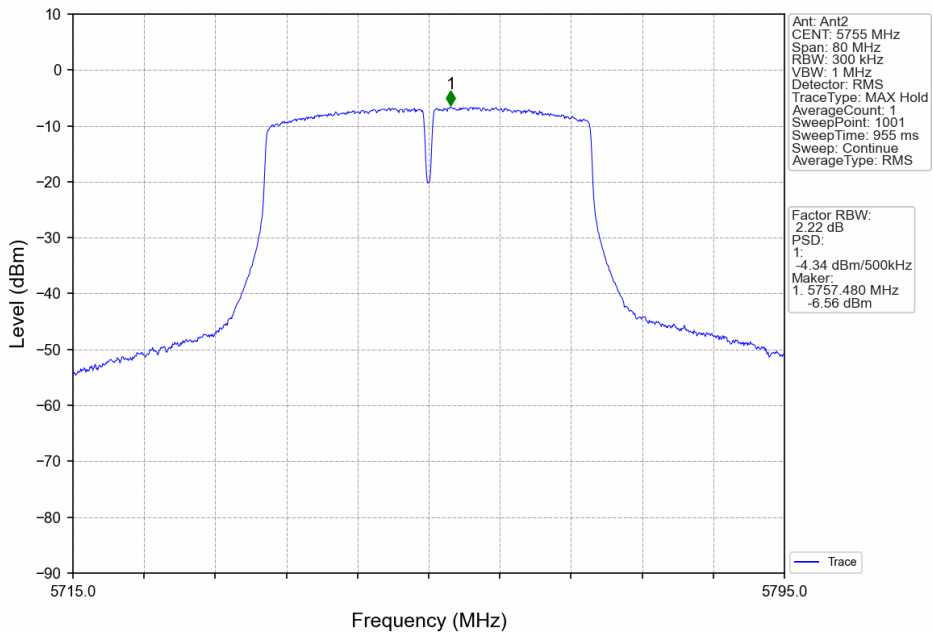
802.11ac(VHT20)\_HCH\_5825MHz\_MIMO\_NTNV

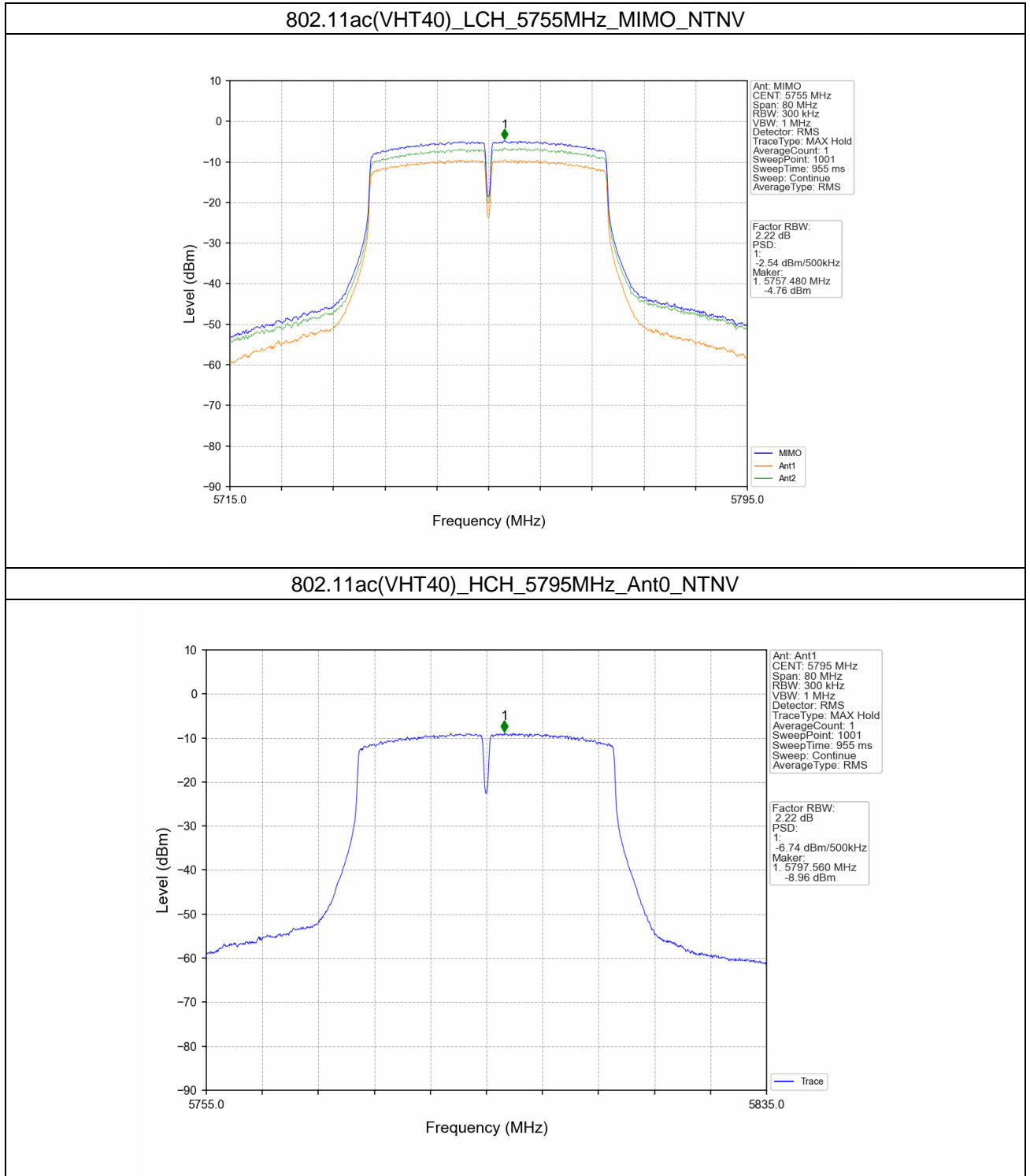


802.11ac(VHT40)\_LCH\_5755MHz\_Ant0\_NTNV

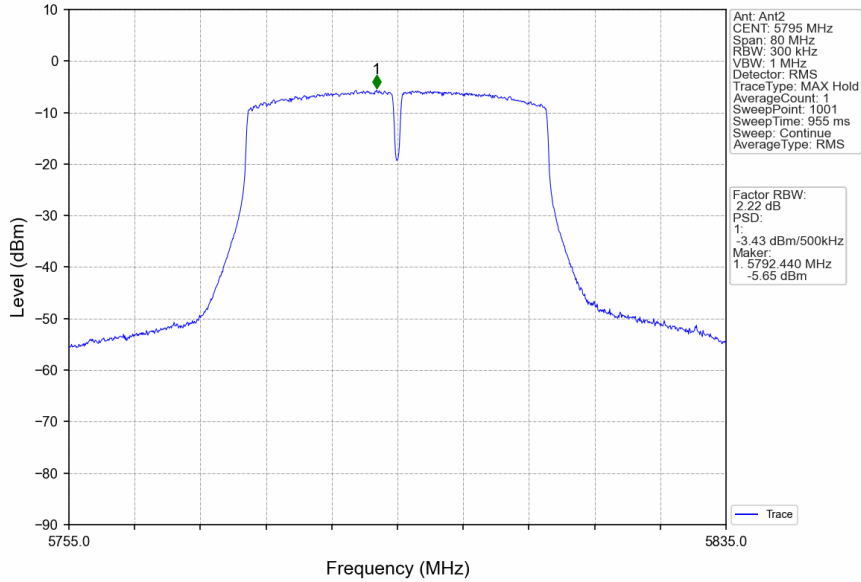


802.11ac(VHT40)\_LCH\_5755MHz\_Ant1\_NTNV

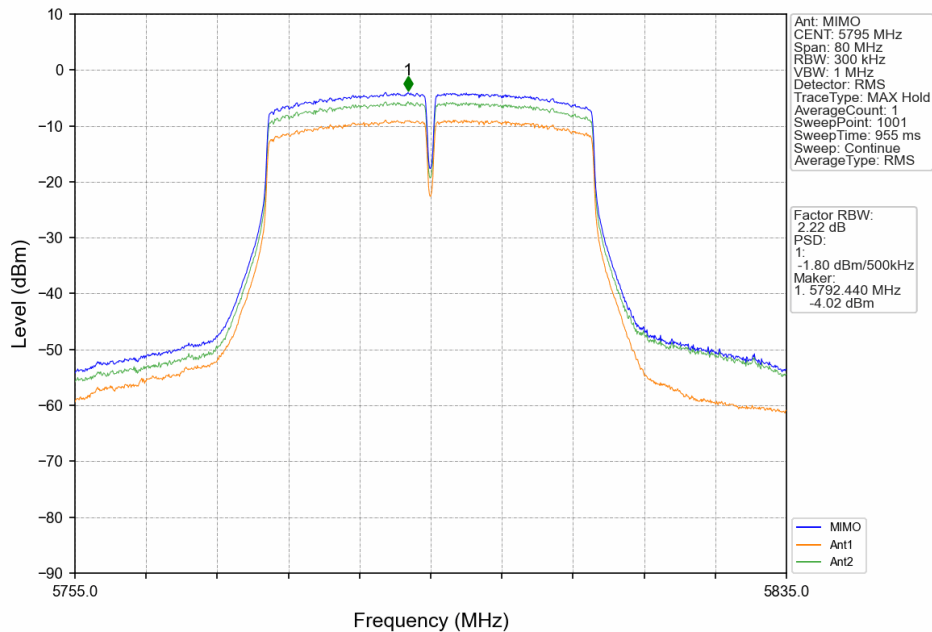




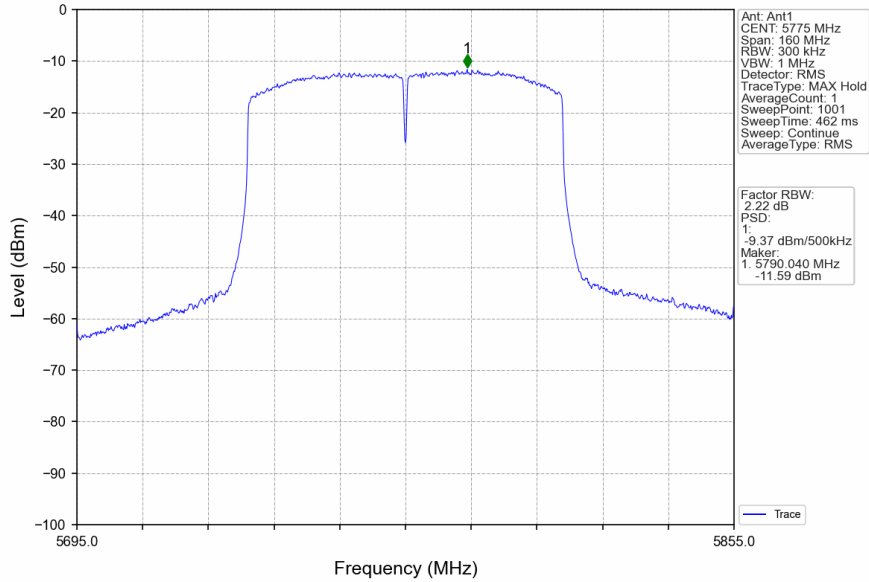
### 802.11ac(VHT40)\_HCH\_5795MHz\_Ant1\_NTNV



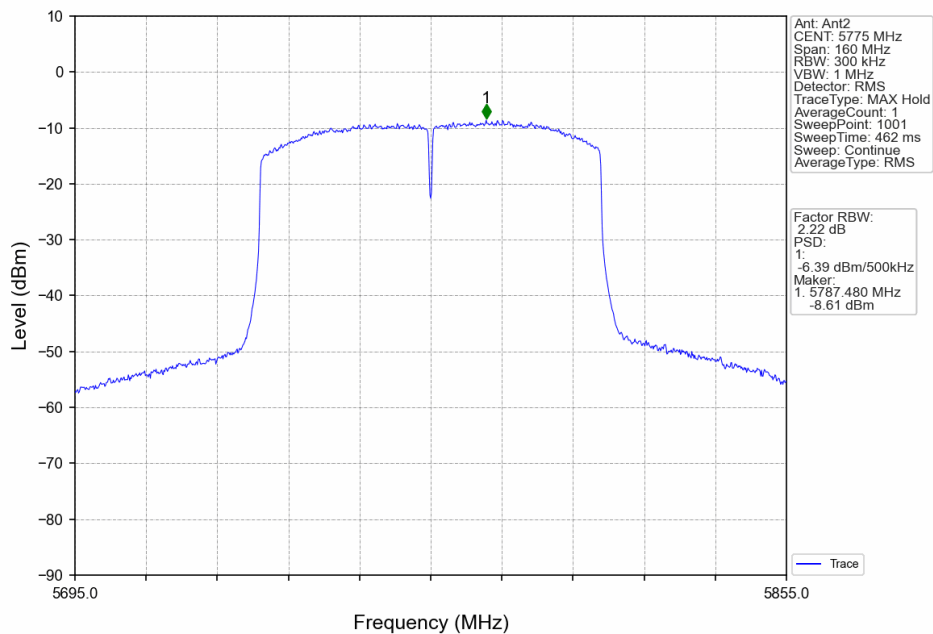
### 802.11ac(VHT40)\_HCH\_5795MHz\_MIMO\_NTNV



802.11ac(VHT80)\_MCH\_5775MHz\_Ant0\_NTNV



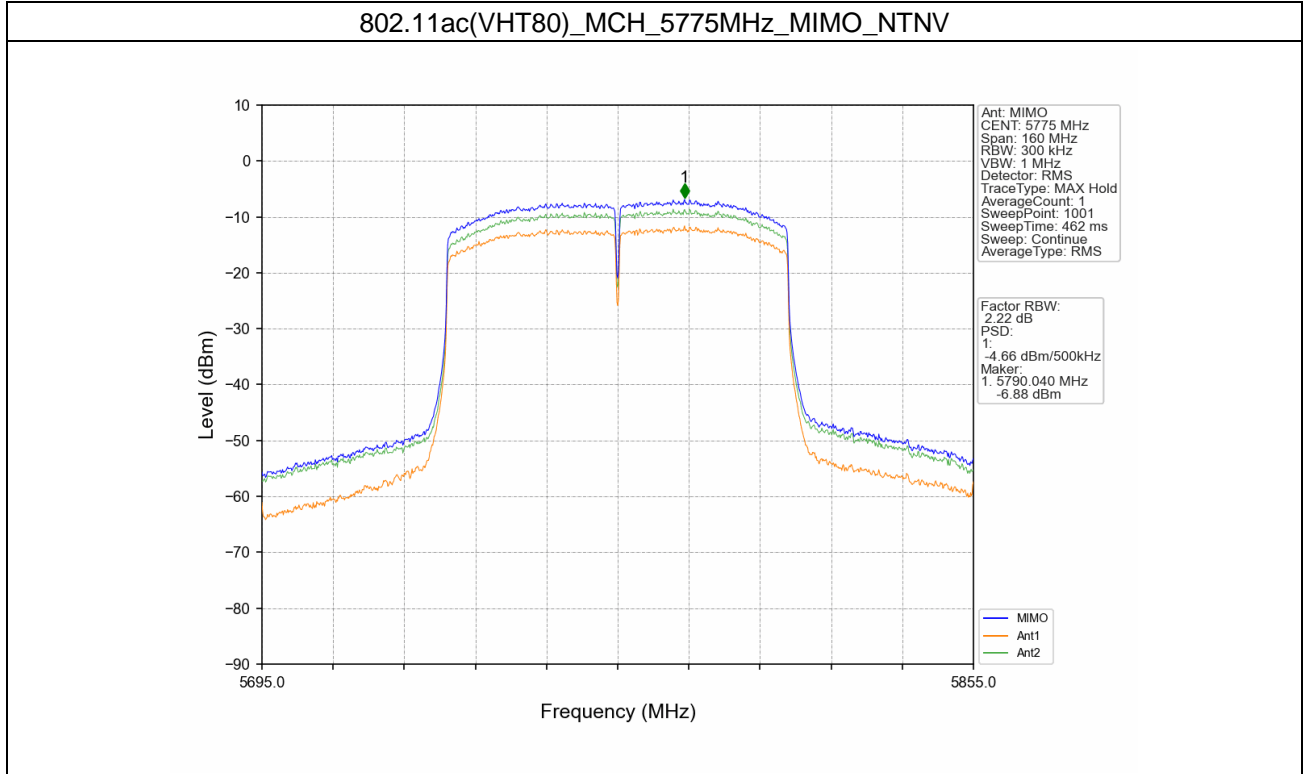
802.11ac(VHT80)\_MCH\_5775MHz\_Ant1\_NTNV



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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	25	102	5180.040	5150 to 5250	Pass
				120	5180.060	5150 to 5250	Pass
				138	5180.040	5150 to 5250	Pass
			-15	120	5180.040	5150 to 5250	Pass
			-10	120	5180.040	5150 to 5250	Pass
			-5	120	5180.060	5150 to 5250	Pass
			0	120	5180.040	5150 to 5250	Pass
			10	120	5180.060	5150 to 5250	Pass
			20	120	5180.020	5150 to 5250	Pass
			30	120	5179.980	5150 to 5250	Pass
		45	120	5180.080	5150 to 5250	Pass	
		5200	25	102	5200.020	5150 to 5250	Pass
				120	5200.080	5150 to 5250	Pass
				138	5200.040	5150 to 5250	Pass
			-15	120	5200.060	5150 to 5250	Pass
			-10	120	5200.040	5150 to 5250	Pass
			-5	120	5200.020	5150 to 5250	Pass
			0	120	5200.020	5150 to 5250	Pass
			10	120	5200.060	5150 to 5250	Pass
			20	120	5200.060	5150 to 5250	Pass
			30	120	5200.080	5150 to 5250	Pass
		45	120	5200.040	5150 to 5250	Pass	
		5240	25	102	5240.060	5150 to 5250	Pass
				120	5240.060	5150 to 5250	Pass
				138	5240.060	5150 to 5250	Pass
			-15	120	5240.040	5150 to 5250	Pass
			-10	120	5240.040	5150 to 5250	Pass
			-5	120	5240.060	5150 to 5250	Pass
			0	120	5240.020	5150 to 5250	Pass



			10	120	5240.040	5150 to 5250	Pass
			20	120	5240.040	5150 to 5250	Pass
			30	120	5240.020	5150 to 5250	Pass
			45	120	5240.060	5150 to 5250	Pass
		5260	25	102	5259.960	5250 to 5350	Pass
				120	5260.060	5250 to 5350	Pass
				138	5260.020	5250 to 5350	Pass
			-15	120	5259.980	5250 to 5350	Pass
			-10	120	5260.020	5250 to 5350	Pass
			-5	120	5260.020	5250 to 5350	Pass
			0	120	5259.980	5250 to 5350	Pass
			10	120	5260.040	5250 to 5350	Pass
			20	120	5260.000	5250 to 5350	Pass
			30	120	5260.040	5250 to 5350	Pass
			45	120	5260.000	5250 to 5350	Pass
		5300	25	102	5300.060	5250 to 5350	Pass
				120	5300.020	5250 to 5350	Pass
				138	5300.040	5250 to 5350	Pass
			-15	120	5300.080	5250 to 5350	Pass
			-10	120	5300.040	5250 to 5350	Pass
			-5	120	5300.020	5250 to 5350	Pass
			0	120	5300.060	5250 to 5350	Pass
			10	120	5300.020	5250 to 5350	Pass
			20	120	5300.060	5250 to 5350	Pass
			30	120	5300.040	5250 to 5350	Pass
		45	120	5300.060	5250 to 5350	Pass	
		5320	25	102	5320.020	5250 to 5350	Pass
				120	5320.020	5250 to 5350	Pass
				138	5320.040	5250 to 5350	Pass
			-15	120	5320.040	5250 to 5350	Pass
			-10	120	5320.020	5250 to 5350	Pass
			-5	120	5320.040	5250 to 5350	Pass
			0	120	5320.020	5250 to 5350	Pass
10	120		5320.040	5250 to 5350	Pass		
20	120		5320.040	5250 to 5350	Pass		
30	120		5320.000	5250 to 5350	Pass		
45	120	5320.060	5250 to 5350	Pass			
5500	25	102	5500.060	5470 to 5725	Pass		
		120	5500.060	5470 to 5725	Pass		



			138	5500.040	5470 to 5725	Pass	
		-15	120	5500.040	5470 to 5725	Pass	
		-10	120	5500.020	5470 to 5725	Pass	
		-5	120	5500.040	5470 to 5725	Pass	
		0	120	5500.020	5470 to 5725	Pass	
		10	120	5500.020	5470 to 5725	Pass	
		20	120	5500.020	5470 to 5725	Pass	
		30	120	5500.020	5470 to 5725	Pass	
		45	120	5500.020	5470 to 5725	Pass	
	5580	25	102	5580.060	5470 to 5725	Pass	
			120	5580.000	5470 to 5725	Pass	
			138	5580.040	5470 to 5725	Pass	
			-15	120	5580.020	5470 to 5725	Pass
			-10	120	5580.000	5470 to 5725	Pass
			-5	120	5580.020	5470 to 5725	Pass
			0	120	5580.020	5470 to 5725	Pass
			10	120	5580.020	5470 to 5725	Pass
			20	120	5580.040	5470 to 5725	Pass
			30	120	5580.020	5470 to 5725	Pass
			45	120	5580.040	5470 to 5725	Pass
		5700	25	102	5700.040	5470 to 5725	Pass
	120			5700.060	5470 to 5725	Pass	
	138			5700.040	5470 to 5725	Pass	
			-15	120	5700.020	5470 to 5725	Pass
			-10	120	5700.040	5470 to 5725	Pass
			-5	120	5700.060	5470 to 5725	Pass
			0	120	5700.040	5470 to 5725	Pass
			10	120	5700.040	5470 to 5725	Pass
			20	120	5700.060	5470 to 5725	Pass
			30	120	5700.060	5470 to 5725	Pass
		45	120	5700.080	5470 to 5725	Pass	
	5745	25	102	5745.040	5725 to 5850	Pass	
			120	5745.040	5725 to 5850	Pass	
			138	5745.080	5725 to 5850	Pass	
			-15	120	5745.020	5725 to 5850	Pass
			-10	120	5745.040	5725 to 5850	Pass
			-5	120	5745.060	5725 to 5850	Pass
			0	120	5745.020	5725 to 5850	Pass
		10	120	5745.020	5725 to 5850	Pass	



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		5785	20	120	5745.020	5725 to 5850	Pass	
			30	120	5745.060	5725 to 5850	Pass	
			45	120	5745.020	5725 to 5850	Pass	
			25	102	5785.020	5725 to 5850	Pass	
				120	5785.060	5725 to 5850	Pass	
				138	5785.060	5725 to 5850	Pass	
			-15	120	5785.020	5725 to 5850	Pass	
			-10	120	5785.040	5725 to 5850	Pass	
			-5	120	5785.080	5725 to 5850	Pass	
			0	120	5785.020	5725 to 5850	Pass	
			10	120	5785.060	5725 to 5850	Pass	
			20	120	5785.060	5725 to 5850	Pass	
		30	120	5785.060	5725 to 5850	Pass		
		45	120	5785.060	5725 to 5850	Pass		
		5825	25	102	5825.040	5725 to 5850	Pass	
				120	5825.060	5725 to 5850	Pass	
				138	5825.040	5725 to 5850	Pass	
			-15	120	5825.060	5725 to 5850	Pass	
			-10	120	5825.020	5725 to 5850	Pass	
			-5	120	5825.040	5725 to 5850	Pass	
			0	120	5825.080	5725 to 5850	Pass	
			10	120	5825.040	5725 to 5850	Pass	
			20	120	5825.080	5725 to 5850	Pass	
			30	120	5825.040	5725 to 5850	Pass	
			45	120	5825.060	5725 to 5850	Pass	
			5180	25	102	5180.040	5150 to 5250	Pass
					120	5180.040	5150 to 5250	Pass
138	5180.040				5150 to 5250	Pass		
-15	120			5180.020	5150 to 5250	Pass		
-10	120	5180.040		5150 to 5250	Pass			
-5	120	5180.060		5150 to 5250	Pass			
0	120	5180.060		5150 to 5250	Pass			
10	120	5180.040		5150 to 5250	Pass			
20	120	5180.040		5150 to 5250	Pass			
30	120	5180.060		5150 to 5250	Pass			
45	120	5180.040	5150 to 5250	Pass				
5200	25	102	5200.020	5150 to 5250	Pass			
		120	5200.060	5150 to 5250	Pass			
		138	5200.080	5150 to 5250	Pass			



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Shenzhen Branch Testing & QC Laboratory

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			-15	120	5200.020	5150 to 5250	Pass	
			-10	120	5200.060	5150 to 5250	Pass	
			-5	120	5200.040	5150 to 5250	Pass	
			0	120	5200.060	5150 to 5250	Pass	
			10	120	5200.040	5150 to 5250	Pass	
			20	120	5200.000	5150 to 5250	Pass	
			30	120	5200.020	5150 to 5250	Pass	
			45	120	5200.080	5150 to 5250	Pass	
			5240	25	102	5240.040	5150 to 5250	Pass
					120	5240.020	5150 to 5250	Pass
					138	5240.060	5150 to 5250	Pass
				-15	120	5240.040	5150 to 5250	Pass
				-10	120	5240.020	5150 to 5250	Pass
				-5	120	5240.020	5150 to 5250	Pass
				0	120	5240.020	5150 to 5250	Pass
				10	120	5240.020	5150 to 5250	Pass
				20	120	5240.060	5150 to 5250	Pass
				30	120	5240.060	5150 to 5250	Pass
				45	120	5240.060	5150 to 5250	Pass
				5260	25	102	5260.040	5250 to 5350
			120			5260.040	5250 to 5350	Pass
			138			5260.020	5250 to 5350	Pass
			-15		120	5260.060	5250 to 5350	Pass
			-10		120	5260.040	5250 to 5350	Pass
			-5		120	5260.020	5250 to 5350	Pass
			0		120	5260.020	5250 to 5350	Pass
			10		120	5260.040	5250 to 5350	Pass
			20		120	5260.040	5250 to 5350	Pass
			30		120	5260.080	5250 to 5350	Pass
			45	120	5260.020	5250 to 5350	Pass	
			5300	25	102	5300.060	5250 to 5350	Pass
					120	5300.040	5250 to 5350	Pass
					138	5300.060	5250 to 5350	Pass
-15	120	5300.020		5250 to 5350	Pass			
-10	120	5300.040		5250 to 5350	Pass			
-5	120	5300.040		5250 to 5350	Pass			
0	120	5300.040		5250 to 5350	Pass			
10	120	5300.040		5250 to 5350	Pass			
20	120	5300.020		5250 to 5350	Pass			



			30	120	5300.000	5250 to 5350	Pass
			45	120	5300.020	5250 to 5350	Pass
		5320	25	102	5320.000	5250 to 5350	Pass
				120	5320.000	5250 to 5350	Pass
				138	5320.020	5250 to 5350	Pass
			-15	120	5320.000	5250 to 5350	Pass
			-10	120	5320.000	5250 to 5350	Pass
			-5	120	5320.020	5250 to 5350	Pass
			0	120	5320.040	5250 to 5350	Pass
			10	120	5320.020	5250 to 5350	Pass
			20	120	5320.000	5250 to 5350	Pass
			30	120	5320.020	5250 to 5350	Pass
			45	120	5320.000	5250 to 5350	Pass
			5500	25	102	5500.040	5470 to 5725
		120			5500.020	5470 to 5725	Pass
		138			5500.040	5470 to 5725	Pass
		-15		120	5500.020	5470 to 5725	Pass
		-10		120	5500.020	5470 to 5725	Pass
		-5		120	5500.040	5470 to 5725	Pass
		0		120	5500.040	5470 to 5725	Pass
		10		120	5500.020	5470 to 5725	Pass
		20		120	5499.980	5470 to 5725	Pass
		30		120	5500.000	5470 to 5725	Pass
		45		120	5500.040	5470 to 5725	Pass
		5580		25	102	5580.020	5470 to 5725
			120		5580.020	5470 to 5725	Pass
			138		5579.980	5470 to 5725	Pass
			-15	120	5580.020	5470 to 5725	Pass
			-10	120	5580.060	5470 to 5725	Pass
			-5	120	5580.020	5470 to 5725	Pass
			0	120	5580.020	5470 to 5725	Pass
			10	120	5580.020	5470 to 5725	Pass
			20	120	5580.020	5470 to 5725	Pass
			30	120	5580.020	5470 to 5725	Pass
			45	120	5580.020	5470 to 5725	Pass
			5700	25	102	5700.020	5470 to 5725
		120			5700.020	5470 to 5725	Pass
		138			5700.040	5470 to 5725	Pass
		-15		120	5700.060	5470 to 5725	Pass



		5745	-10	120	5700.040	5470 to 5725	Pass
			-5	120	5700.040	5470 to 5725	Pass
			0	120	5700.040	5470 to 5725	Pass
			10	120	5700.060	5470 to 5725	Pass
			20	120	5700.000	5470 to 5725	Pass
			30	120	5700.040	5470 to 5725	Pass
			45	120	5700.060	5470 to 5725	Pass
		5745	25	102	5745.020	5725 to 5850	Pass
				120	5745.020	5725 to 5850	Pass
				138	5745.040	5725 to 5850	Pass
			-15	120	5745.020	5725 to 5850	Pass
			-10	120	5745.020	5725 to 5850	Pass
			-5	120	5745.000	5725 to 5850	Pass
			0	120	5745.000	5725 to 5850	Pass
			10	120	5745.020	5725 to 5850	Pass
			20	120	5745.060	5725 to 5850	Pass
			30	120	5745.020	5725 to 5850	Pass
		45	120	5744.980	5725 to 5850	Pass	
		5785	25	102	5785.020	5725 to 5850	Pass
				120	5785.040	5725 to 5850	Pass
				138	5785.060	5725 to 5850	Pass
			-15	120	5785.080	5725 to 5850	Pass
			-10	120	5785.040	5725 to 5850	Pass
			-5	120	5785.020	5725 to 5850	Pass
			0	120	5785.080	5725 to 5850	Pass
			10	120	5785.040	5725 to 5850	Pass
			20	120	5785.080	5725 to 5850	Pass
			30	120	5785.040	5725 to 5850	Pass
		45	120	5785.040	5725 to 5850	Pass	
		5825	25	102	5825.040	5725 to 5850	Pass
				120	5825.020	5725 to 5850	Pass
				138	5825.040	5725 to 5850	Pass
			-15	120	5825.060	5725 to 5850	Pass
			-10	120	5825.040	5725 to 5850	Pass
			-5	120	5825.020	5725 to 5850	Pass
			0	120	5825.000	5725 to 5850	Pass
10	120		5825.060	5725 to 5850	Pass		
20	120		5825.040	5725 to 5850	Pass		
30	120	5825.020	5725 to 5850	Pass			





802.11n (HT40)	MIMO	5190	45	120	5825.000	5725 to 5850	Pass	
			25	102	5190.120	5150 to 5250	Pass	
				120	5190.080	5150 to 5250	Pass	
				138	5190.040	5150 to 5250	Pass	
				-15	120	5190.120	5150 to 5250	Pass
			-10	120	5190.080	5150 to 5250	Pass	
			-5	120	5190.160	5150 to 5250	Pass	
			0	120	5190.080	5150 to 5250	Pass	
			10	120	5190.120	5150 to 5250	Pass	
			20	120	5190.120	5150 to 5250	Pass	
			30	120	5190.040	5150 to 5250	Pass	
			45	120	5190.040	5150 to 5250	Pass	
			5230	25	102	5230.160	5150 to 5250	Pass
					120	5230.160	5150 to 5250	Pass
					138	5230.120	5150 to 5250	Pass
		-15		120	5230.120	5150 to 5250	Pass	
		-10		120	5230.200	5150 to 5250	Pass	
		-5		120	5230.160	5150 to 5250	Pass	
		0		120	5230.200	5150 to 5250	Pass	
		10		120	5230.120	5150 to 5250	Pass	
		20		120	5230.160	5150 to 5250	Pass	
		30		120	5230.160	5150 to 5250	Pass	
		45	120	5230.160	5150 to 5250	Pass		
		5270	25	102	5270.120	5250 to 5350	Pass	
				120	5270.120	5250 to 5350	Pass	
				138	5270.160	5250 to 5350	Pass	
			-15	120	5270.160	5250 to 5350	Pass	
			-10	120	5270.120	5250 to 5350	Pass	
			-5	120	5270.120	5250 to 5350	Pass	
			0	120	5270.120	5250 to 5350	Pass	
			10	120	5270.120	5250 to 5350	Pass	
			20	120	5270.160	5250 to 5350	Pass	
			30	120	5270.120	5250 to 5350	Pass	
		45	120	5270.120	5250 to 5350	Pass		
		5310	25	102	5310.080	5250 to 5350	Pass	
				120	5310.040	5250 to 5350	Pass	
				138	5310.080	5250 to 5350	Pass	
			-15	120	5310.080	5250 to 5350	Pass	
			-10	120	5310.080	5250 to 5350	Pass	



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		5310	-5	120	5310.040	5250 to 5350	Pass
			0	120	5310.040	5250 to 5350	Pass
			10	120	5310.120	5250 to 5350	Pass
			20	120	5310.040	5250 to 5350	Pass
			30	120	5310.000	5250 to 5350	Pass
			45	120	5310.040	5250 to 5350	Pass
		5510	25	102	5510.040	5470 to 5725	Pass
				120	5510.080	5470 to 5725	Pass
				138	5510.040	5470 to 5725	Pass
			-15	120	5510.040	5470 to 5725	Pass
			-10	120	5510.040	5470 to 5725	Pass
			-5	120	5510.040	5470 to 5725	Pass
			0	120	5510.040	5470 to 5725	Pass
			10	120	5510.040	5470 to 5725	Pass
			20	120	5510.040	5470 to 5725	Pass
			30	120	5510.040	5470 to 5725	Pass
			45	120	5510.080	5470 to 5725	Pass
			5550	25	102	5550.120	5470 to 5725
		120			5550.160	5470 to 5725	Pass
		138			5550.080	5470 to 5725	Pass
		-15		120	5550.120	5470 to 5725	Pass
		-10		120	5550.160	5470 to 5725	Pass
		-5		120	5550.120	5470 to 5725	Pass
		0		120	5550.160	5470 to 5725	Pass
		10		120	5550.080	5470 to 5725	Pass
		20		120	5550.080	5470 to 5725	Pass
		30		120	5550.160	5470 to 5725	Pass
		45	120	5550.160	5470 to 5725	Pass	
		5670	25	102	5670.040	5470 to 5725	Pass
				120	5670.040	5470 to 5725	Pass
				138	5670.080	5470 to 5725	Pass
			-15	120	5670.120	5470 to 5725	Pass
			-10	120	5670.080	5470 to 5725	Pass
			-5	120	5670.040	5470 to 5725	Pass
			0	120	5670.080	5470 to 5725	Pass
			10	120	5670.080	5470 to 5725	Pass
20	120		5670.040	5470 to 5725	Pass		
30	120		5670.080	5470 to 5725	Pass		
45	120	5670.160	5470 to 5725	Pass			



		5755	25	102	5755.000	5725 to 5850	Pass		
				120	5755.080	5725 to 5850	Pass		
				138	5754.960	5725 to 5850	Pass		
			-15	120	5755.040	5725 to 5850	Pass		
				-10	120	5755.040	5725 to 5850	Pass	
					120	5755.000	5725 to 5850	Pass	
			0	120	5755.080	5725 to 5850	Pass		
				10	120	5755.040	5725 to 5850	Pass	
			20	120	5755.120	5725 to 5850	Pass		
			30	120	5755.080	5725 to 5850	Pass		
			45	120	5755.080	5725 to 5850	Pass		
			5795	25	102	5795.080	5725 to 5850	Pass	
					120	5795.080	5725 to 5850	Pass	
					138	5795.080	5725 to 5850	Pass	
				-15	120	5795.120	5725 to 5850	Pass	
					-10	120	5795.080	5725 to 5850	Pass
				-5		120	5795.080	5725 to 5850	Pass
					0	120	5795.120	5725 to 5850	Pass
		10		120		5795.080	5725 to 5850	Pass	
		20		120	5795.120	5725 to 5850	Pass		
		30		120	5795.080	5725 to 5850	Pass		
		45		120	5795.080	5725 to 5850	Pass		
		802.11ac (VHT20)		MIMO	5180	25	102	5180.020	5150 to 5250
			120				5180.060	5150 to 5250	Pass
138	5180.080		5150 to 5250				Pass		
-15	120		5180.060			5150 to 5250	Pass		
	-10		120			5180.060	5150 to 5250	Pass	
-5			120			5180.060	5150 to 5250	Pass	
	0		120			5179.980	5150 to 5250	Pass	
10			120			5180.020	5150 to 5250	Pass	
20	120		5180.040			5150 to 5250	Pass		
30	120		5180.020		5150 to 5250	Pass			
45	120		5180.020		5150 to 5250	Pass			
5200	25		102		5200.040	5150 to 5250	Pass		
			120		5200.040	5150 to 5250	Pass		
			138		5200.060	5150 to 5250	Pass		
	-15		120		5200.080	5150 to 5250	Pass		
			-10		120	5200.060	5150 to 5250	Pass	
	-5				120	5200.060	5150 to 5250	Pass	



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			0	120	5200.060	5150 to 5250	Pass	
			10	120	5200.060	5150 to 5250	Pass	
			20	120	5200.020	5150 to 5250	Pass	
			30	120	5200.040	5150 to 5250	Pass	
			45	120	5200.040	5150 to 5250	Pass	
			5240	25	102	5240.020	5150 to 5250	Pass
					120	5240.040	5150 to 5250	Pass
					138	5240.020	5150 to 5250	Pass
				-15	120	5240.020	5150 to 5250	Pass
				-10	120	5240.040	5150 to 5250	Pass
				-5	120	5240.020	5150 to 5250	Pass
				0	120	5240.040	5150 to 5250	Pass
				10	120	5240.020	5150 to 5250	Pass
				20	120	5240.000	5150 to 5250	Pass
				30	120	5240.020	5150 to 5250	Pass
				45	120	5240.040	5150 to 5250	Pass
				5260	25	102	5260.020	5250 to 5350
			120			5260.040	5250 to 5350	Pass
			138			5260.000	5250 to 5350	Pass
			-15		120	5260.040	5250 to 5350	Pass
			-10		120	5259.980	5250 to 5350	Pass
			-5		120	5260.020	5250 to 5350	Pass
			0		120	5260.000	5250 to 5350	Pass
			10		120	5260.040	5250 to 5350	Pass
			20		120	5260.020	5250 to 5350	Pass
			30		120	5260.060	5250 to 5350	Pass
			45	120	5260.040	5250 to 5350	Pass	
			5300	25	102	5300.040	5250 to 5350	Pass
					120	5300.000	5250 to 5350	Pass
					138	5300.020	5250 to 5350	Pass
				-15	120	5300.040	5250 to 5350	Pass
				-10	120	5300.020	5250 to 5350	Pass
				-5	120	5300.020	5250 to 5350	Pass
				0	120	5300.020	5250 to 5350	Pass
				10	120	5300.000	5250 to 5350	Pass
				20	120	5300.020	5250 to 5350	Pass
				30	120	5300.020	5250 to 5350	Pass
			45	120	5300.060	5250 to 5350	Pass	
			5320	25	102	5320.000	5250 to 5350	Pass



		5250		120	5319.980	5250 to 5350	Pass	
				138	5320.000	5250 to 5350	Pass	
			-15	120	5320.000	5250 to 5350	Pass	
			-10	120	5319.980	5250 to 5350	Pass	
			-5	120	5320.000	5250 to 5350	Pass	
			0	120	5320.000	5250 to 5350	Pass	
			10	120	5319.980	5250 to 5350	Pass	
			20	120	5320.000	5250 to 5350	Pass	
			30	120	5320.040	5250 to 5350	Pass	
			45	120	5320.020	5250 to 5350	Pass	
		5500	25		102	5500.060	5470 to 5725	Pass
					120	5500.000	5470 to 5725	Pass
					138	5500.020	5470 to 5725	Pass
			-15	120	5500.040	5470 to 5725	Pass	
			-10	120	5500.040	5470 to 5725	Pass	
			-5	120	5500.000	5470 to 5725	Pass	
			0	120	5500.020	5470 to 5725	Pass	
			10	120	5500.020	5470 to 5725	Pass	
			20	120	5500.020	5470 to 5725	Pass	
			30	120	5500.040	5470 to 5725	Pass	
		45	120	5500.060	5470 to 5725	Pass		
		5580	25		102	5580.020	5470 to 5725	Pass
					120	5580.060	5470 to 5725	Pass
					138	5580.060	5470 to 5725	Pass
			-15	120	5580.040	5470 to 5725	Pass	
			-10	120	5580.060	5470 to 5725	Pass	
			-5	120	5580.040	5470 to 5725	Pass	
			0	120	5580.020	5470 to 5725	Pass	
			10	120	5580.040	5470 to 5725	Pass	
			20	120	5580.060	5470 to 5725	Pass	
			30	120	5580.040	5470 to 5725	Pass	
		45	120	5580.060	5470 to 5725	Pass		
		5700	25		102	5700.060	5470 to 5725	Pass
					120	5700.060	5470 to 5725	Pass
					138	5700.040	5470 to 5725	Pass
			-15	120	5700.040	5470 to 5725	Pass	
-10	120		5700.040	5470 to 5725	Pass			
-5	120		5700.060	5470 to 5725	Pass			
0	120		5700.040	5470 to 5725	Pass			



		5745	10	120	5700.040	5470 to 5725	Pass
			20	120	5700.020	5470 to 5725	Pass
			30	120	5700.040	5470 to 5725	Pass
			45	120	5700.020	5470 to 5725	Pass
			25	102	5745.000	5725 to 5850	Pass
				120	5745.000	5725 to 5850	Pass
				138	5745.020	5725 to 5850	Pass
			-15	120	5745.020	5725 to 5850	Pass
			-10	120	5745.060	5725 to 5850	Pass
			-5	120	5745.060	5725 to 5850	Pass
			0	120	5745.040	5725 to 5850	Pass
			10	120	5745.040	5725 to 5850	Pass
		20	120	5745.060	5725 to 5850	Pass	
		30	120	5744.980	5725 to 5850	Pass	
		45	120	5745.040	5725 to 5850	Pass	
		5785	25	102	5785.080	5725 to 5850	Pass
				120	5785.060	5725 to 5850	Pass
				138	5785.100	5725 to 5850	Pass
			-15	120	5785.020	5725 to 5850	Pass
			-10	120	5785.040	5725 to 5850	Pass
			-5	120	5785.060	5725 to 5850	Pass
			0	120	5785.040	5725 to 5850	Pass
			10	120	5785.020	5725 to 5850	Pass
			20	120	5785.060	5725 to 5850	Pass
			30	120	5785.020	5725 to 5850	Pass
		45	120	5785.060	5725 to 5850	Pass	
		5825	25	102	5825.060	5725 to 5850	Pass
				120	5825.060	5725 to 5850	Pass
				138	5825.060	5725 to 5850	Pass
			-15	120	5825.060	5725 to 5850	Pass
			-10	120	5825.000	5725 to 5850	Pass
			-5	120	5825.040	5725 to 5850	Pass
			0	120	5825.060	5725 to 5850	Pass
			10	120	5825.000	5725 to 5850	Pass
			20	120	5825.000	5725 to 5850	Pass
			30	120	5825.060	5725 to 5850	Pass
45	120	5825.040	5725 to 5850	Pass			
802.11ac (VHT40)	MIMO	5190	25	102	5190.160	5150 to 5250	Pass
				120	5190.160	5150 to 5250	Pass



			138	5190.160	5150 to 5250	Pass	
		-15	120	5190.160	5150 to 5250	Pass	
		-10	120	5190.160	5150 to 5250	Pass	
		-5	120	5190.160	5150 to 5250	Pass	
		0	120	5190.160	5150 to 5250	Pass	
		10	120	5190.080	5150 to 5250	Pass	
		20	120	5190.120	5150 to 5250	Pass	
		30	120	5190.160	5150 to 5250	Pass	
		45	120	5190.120	5150 to 5250	Pass	
	5230	25	102	5230.160	5150 to 5250	Pass	
			120	5230.120	5150 to 5250	Pass	
			138	5230.080	5150 to 5250	Pass	
			-15	120	5230.120	5150 to 5250	Pass
			-10	120	5230.160	5150 to 5250	Pass
			-5	120	5230.120	5150 to 5250	Pass
			0	120	5230.040	5150 to 5250	Pass
			10	120	5230.080	5150 to 5250	Pass
			20	120	5230.120	5150 to 5250	Pass
			30	120	5230.160	5150 to 5250	Pass
			45	120	5230.120	5150 to 5250	Pass
	5270	25	102	5270.080	5250 to 5350	Pass	
			120	5270.120	5250 to 5350	Pass	
			138	5270.120	5250 to 5350	Pass	
			-15	120	5270.120	5250 to 5350	Pass
			-10	120	5270.080	5250 to 5350	Pass
			-5	120	5270.160	5250 to 5350	Pass
			0	120	5270.120	5250 to 5350	Pass
			10	120	5270.080	5250 to 5350	Pass
			20	120	5270.160	5250 to 5350	Pass
			30	120	5270.120	5250 to 5350	Pass
		45	120	5270.120	5250 to 5350	Pass	
	5310	25	102	5310.040	5250 to 5350	Pass	
			120	5310.120	5250 to 5350	Pass	
			138	5310.040	5250 to 5350	Pass	
			-15	120	5310.080	5250 to 5350	Pass
			-10	120	5310.120	5250 to 5350	Pass
			-5	120	5310.040	5250 to 5350	Pass
			0	120	5310.080	5250 to 5350	Pass
		10	120	5310.080	5250 to 5350	Pass	



			20	120	5310.120	5250 to 5350	Pass	
			30	120	5310.040	5250 to 5350	Pass	
			45	120	5310.080	5250 to 5350	Pass	
			5510	25	102	5510.040	5470 to 5725	Pass
					120	5510.080	5470 to 5725	Pass
					138	5510.080	5470 to 5725	Pass
				-15	120	5510.120	5470 to 5725	Pass
				-10	120	5510.040	5470 to 5725	Pass
				-5	120	5510.080	5470 to 5725	Pass
				0	120	5510.080	5470 to 5725	Pass
				10	120	5510.040	5470 to 5725	Pass
				20	120	5510.080	5470 to 5725	Pass
				30	120	5510.000	5470 to 5725	Pass
				45	120	5510.000	5470 to 5725	Pass
			5550	25	102	5550.120	5470 to 5725	Pass
					120	5550.080	5470 to 5725	Pass
					138	5550.120	5470 to 5725	Pass
				-15	120	5550.080	5470 to 5725	Pass
				-10	120	5550.080	5470 to 5725	Pass
				-5	120	5550.080	5470 to 5725	Pass
				0	120	5550.000	5470 to 5725	Pass
				10	120	5550.080	5470 to 5725	Pass
				20	120	5550.080	5470 to 5725	Pass
				30	120	5550.120	5470 to 5725	Pass
				45	120	5550.080	5470 to 5725	Pass
			5670	25	102	5670.120	5470 to 5725	Pass
					120	5670.080	5470 to 5725	Pass
					138	5670.040	5470 to 5725	Pass
				-15	120	5670.080	5470 to 5725	Pass
				-10	120	5670.080	5470 to 5725	Pass
				-5	120	5670.080	5470 to 5725	Pass
				0	120	5670.080	5470 to 5725	Pass
				10	120	5670.080	5470 to 5725	Pass
				20	120	5670.080	5470 to 5725	Pass
				30	120	5670.120	5470 to 5725	Pass
				45	120	5670.080	5470 to 5725	Pass
5755	25	102	5755.080	5725 to 5850	Pass			
		120	5755.040	5725 to 5850	Pass			
		138	5755.080	5725 to 5850	Pass			





			-15	120	5754.960	5725 to 5850	Pass
			-10	120	5755.040	5725 to 5850	Pass
			-5	120	5755.080	5725 to 5850	Pass
			0	120	5755.000	5725 to 5850	Pass
			10	120	5755.080	5725 to 5850	Pass
			20	120	5755.120	5725 to 5850	Pass
			30	120	5755.080	5725 to 5850	Pass
		45	120	5755.000	5725 to 5850	Pass	
		5795	25	102	5795.040	5725 to 5850	Pass
				120	5795.160	5725 to 5850	Pass
				138	5795.120	5725 to 5850	Pass
			-15	120	5795.080	5725 to 5850	Pass
			-10	120	5795.160	5725 to 5850	Pass
			-5	120	5795.120	5725 to 5850	Pass
			0	120	5795.120	5725 to 5850	Pass
			10	120	5795.120	5725 to 5850	Pass
			20	120	5795.120	5725 to 5850	Pass
			30	120	5795.080	5725 to 5850	Pass
			45	120	5795.120	5725 to 5850	Pass
802.11ac (VHT80)	MIMO		5210	25	102	5210.075	5150 to 5250
		120			5210.075	5150 to 5250	Pass
		138			5210.075	5150 to 5250	Pass
		-15		120	5210.000	5150 to 5250	Pass
		-10		120	5210.150	5150 to 5250	Pass
		-5		120	5210.075	5150 to 5250	Pass
		0		120	5210.075	5150 to 5250	Pass
		10		120	5210.075	5150 to 5250	Pass
		20		120	5210.075	5150 to 5250	Pass
		30	120	5210.075	5150 to 5250	Pass	
		45	120	5210.075	5150 to 5250	Pass	
		5290	25	102	5290.075	5250 to 5350	Pass
				120	5290.075	5250 to 5350	Pass
				138	5290.000	5250 to 5350	Pass
			-15	120	5290.075	5250 to 5350	Pass
			-10	120	5290.075	5250 to 5350	Pass
			-5	120	5290.075	5250 to 5350	Pass
			0	120	5290.000	5250 to 5350	Pass
			10	120	5290.000	5250 to 5350	Pass
20	120		5290.075	5250 to 5350	Pass		



		5530	30	120	5290.075	5250 to 5350	Pass	
			45	120	5290.000	5250 to 5350	Pass	
			25	102	5530.075	5470 to 5725	Pass	
				120	5530.000	5470 to 5725	Pass	
				138	5530.000	5470 to 5725	Pass	
			-15	120	5530.075	5470 to 5725	Pass	
			-10	120	5530.075	5470 to 5725	Pass	
			-5	120	5530.000	5470 to 5725	Pass	
			0	120	5530.075	5470 to 5725	Pass	
			10	120	5530.075	5470 to 5725	Pass	
			20	120	5530.075	5470 to 5725	Pass	
			30	120	5530.075	5470 to 5725	Pass	
			45	120	5530.075	5470 to 5725	Pass	
			5610	25	102	5610.000	5470 to 5725	Pass
					120	5610.075	5470 to 5725	Pass
					138	5610.075	5470 to 5725	Pass
				-15	120	5610.000	5470 to 5725	Pass
				-10	120	5610.075	5470 to 5725	Pass
				-5	120	5610.075	5470 to 5725	Pass
				0	120	5610.075	5470 to 5725	Pass
				10	120	5610.000	5470 to 5725	Pass
				20	120	5610.075	5470 to 5725	Pass
				30	120	5610.000	5470 to 5725	Pass
			45	120	5610.075	5470 to 5725	Pass	
			5775	25	102	5775.075	5725 to 5850	Pass
					120	5775.075	5725 to 5850	Pass
					138	5775.075	5725 to 5850	Pass
				-15	120	5775.075	5725 to 5850	Pass
				-10	120	5775.000	5725 to 5850	Pass
				-5	120	5775.075	5725 to 5850	Pass
				0	120	5775.000	5725 to 5850	Pass
				10	120	5775.075	5725 to 5850	Pass
				20	120	5775.075	5725 to 5850	Pass
				30	120	5775.075	5725 to 5850	Pass
			45	120	5775.000	5725 to 5850	Pass	



**6.DFS**

**Test Result:**

BW/Channel	Test Item	Result
80MHz/5290MHz	Channel Availability Check Time	N/A
	Minimum Off-Channel CAC Time	N/A
	Maximum Off-Channel CAC Time	N/A
	In-Service Monitoring	N/A
	Channel Move Time	Pass
	Channel Closing Transmission Time	Pass
	Non-Occupancy Period	N/A
	Uniform Spreading	N/A

The test plots was shown in the report below.

**Remark:** Channel loading of Timing plots is greater than 17%.

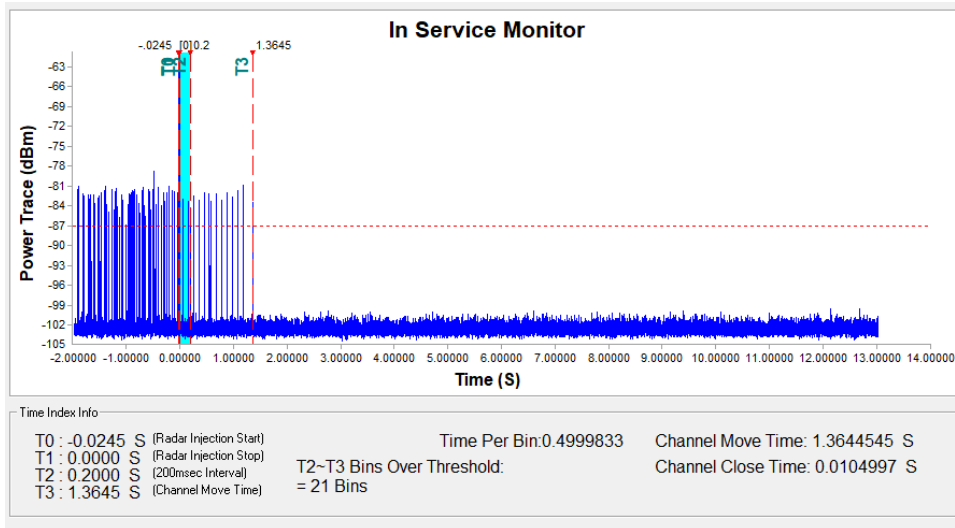
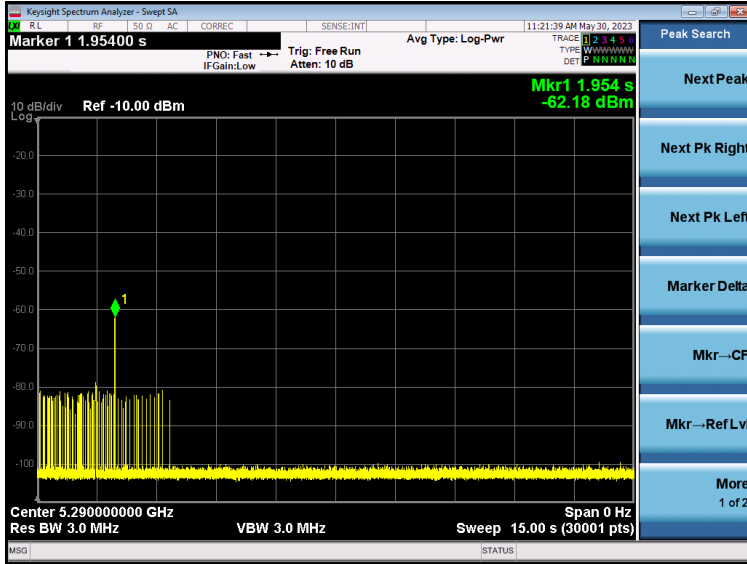
This is the master device used to test DFS FCC ID: Q87-WRT3200ACM



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5290MHz



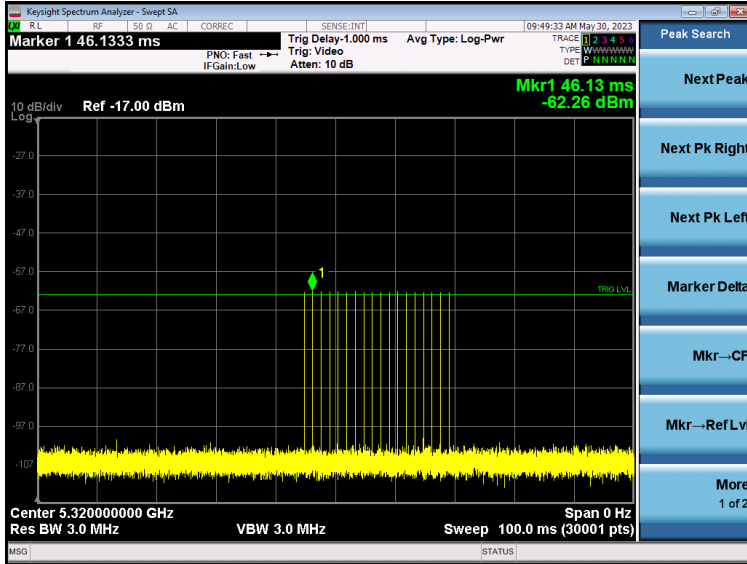
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