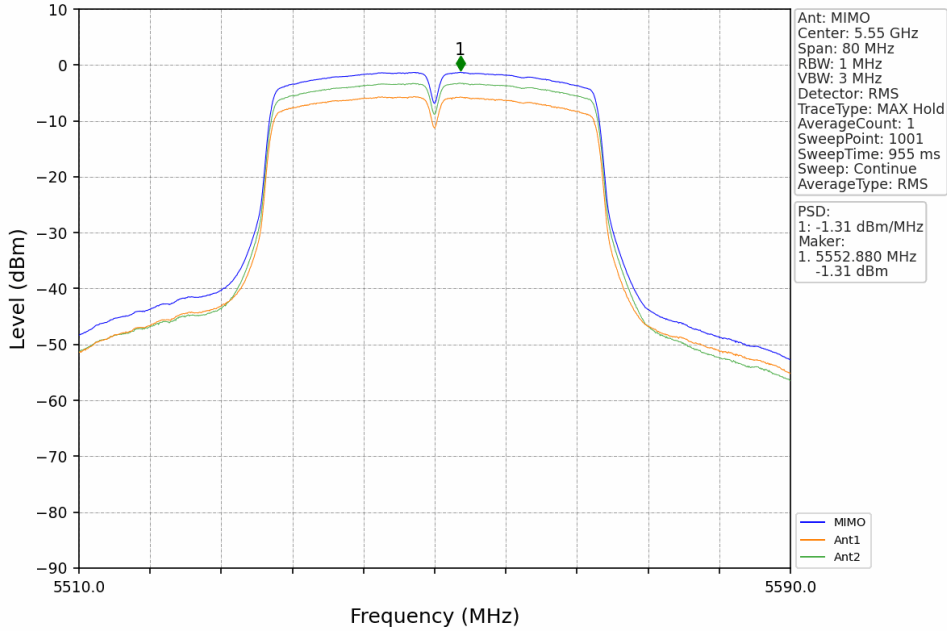
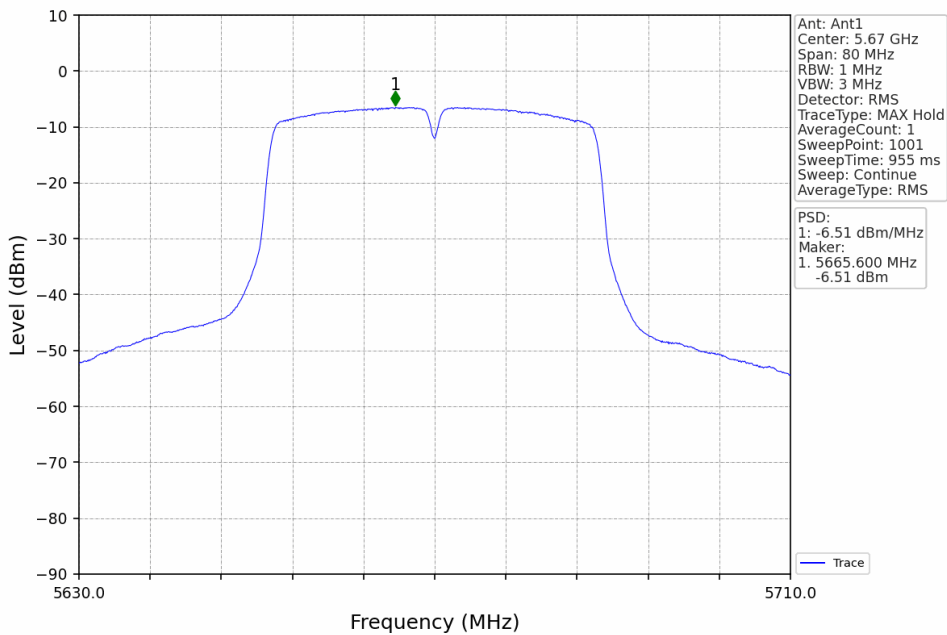


802.11ac(VHT40)\_MCH\_5550MHz\_MIMO\_NTNV



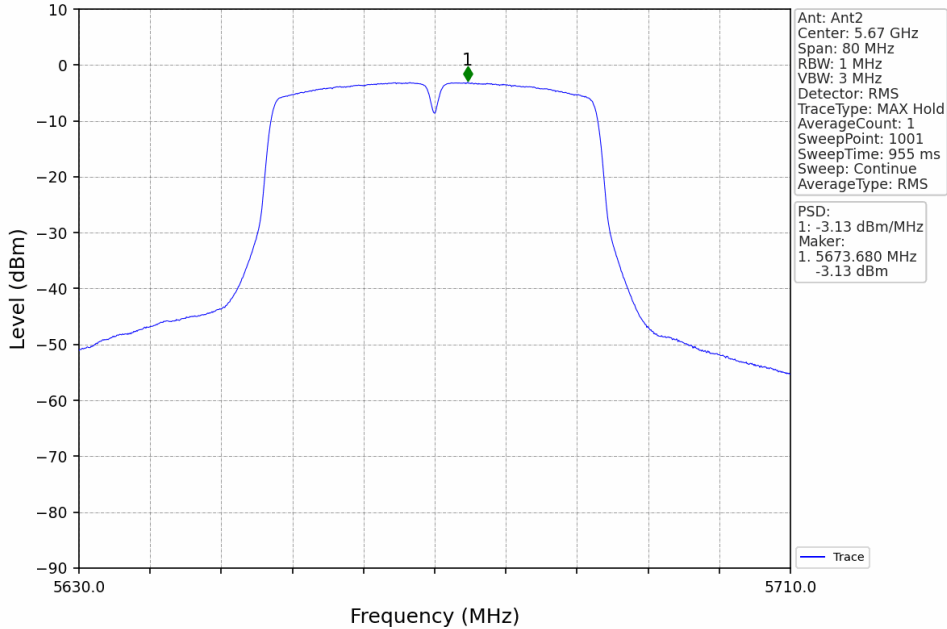
802.11ac(VHT40)\_HCH\_5670MHz\_Ant1\_NTNV



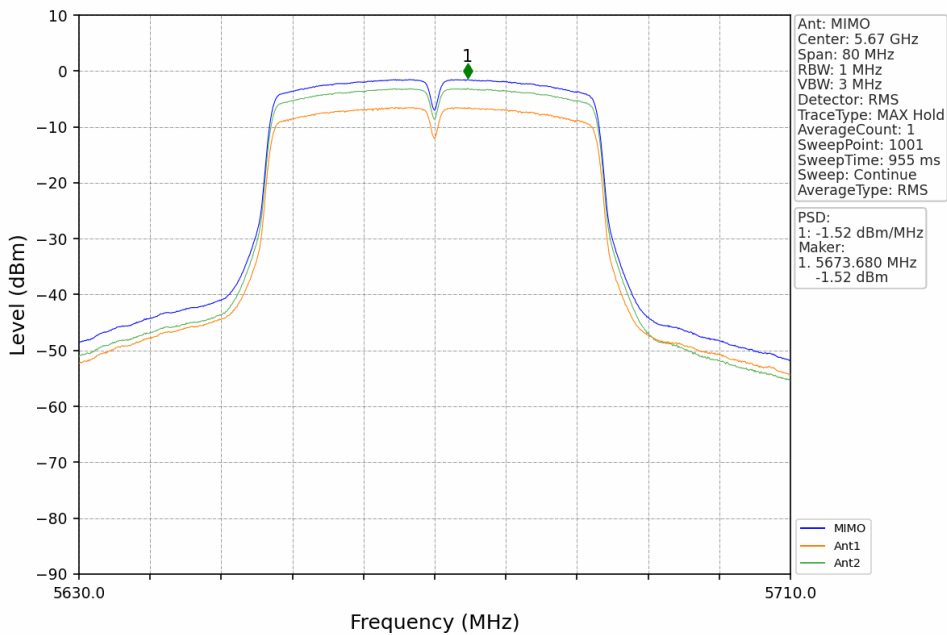
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802.11ac(VHT40)\_HCH\_5670MHz\_Ant2\_NTNV



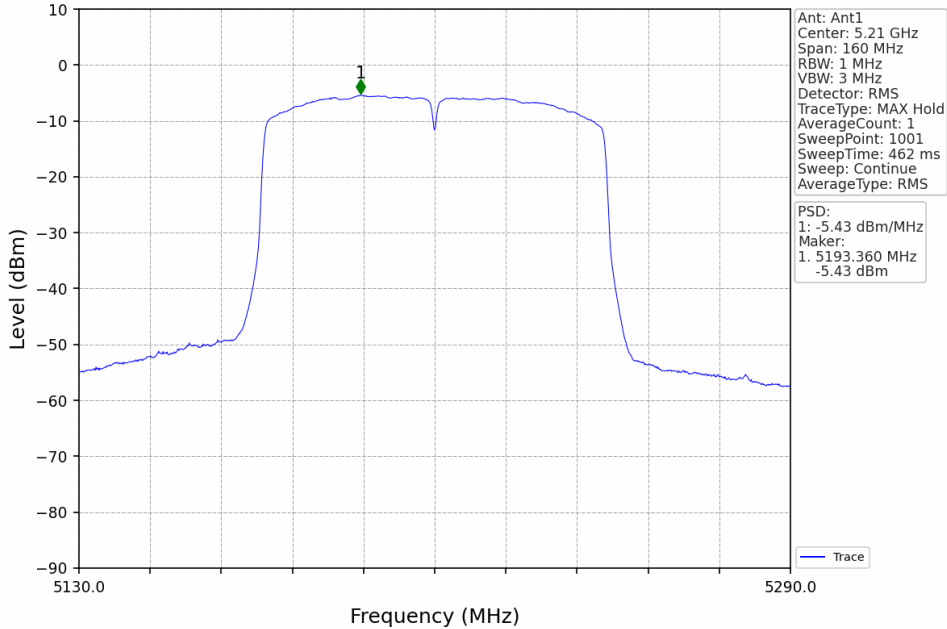
802.11ac(VHT40)\_HCH\_5670MHz\_MIMO\_NTNV



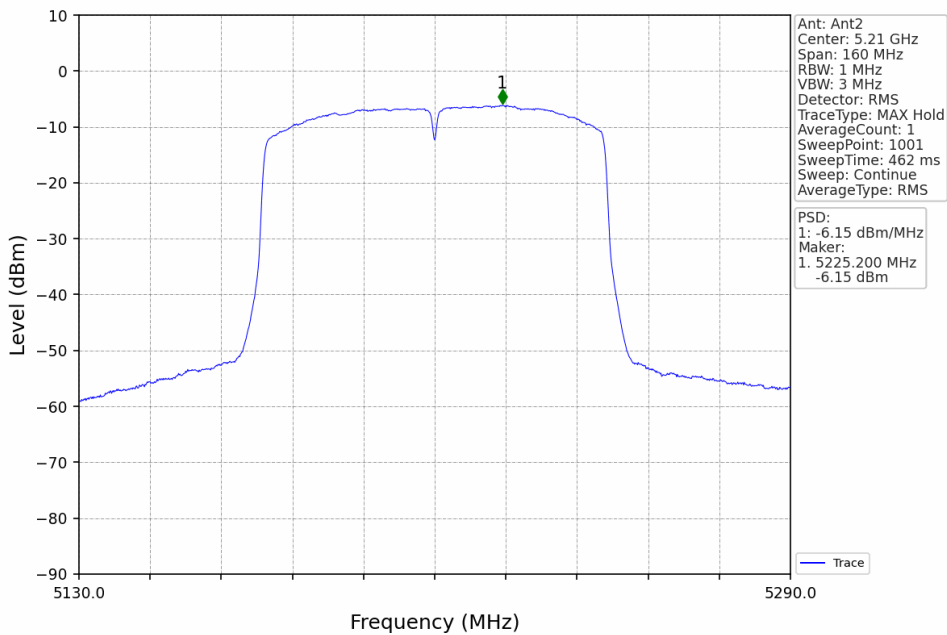
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802.11ac(VHT80)\_MCH\_5210MHz\_Ant1\_NTNV



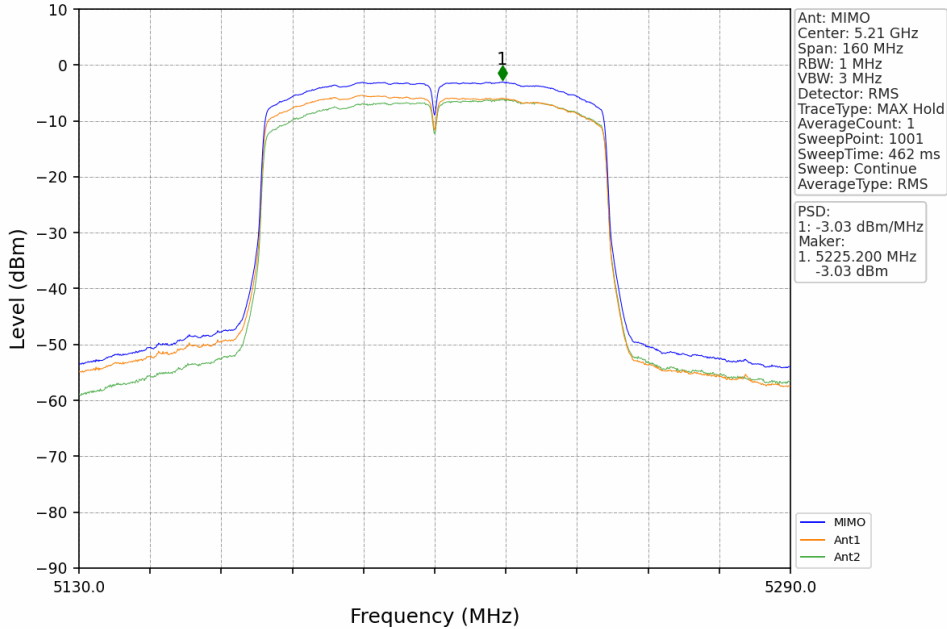
802.11ac(VHT80)\_MCH\_5210MHz\_Ant2\_NTNV



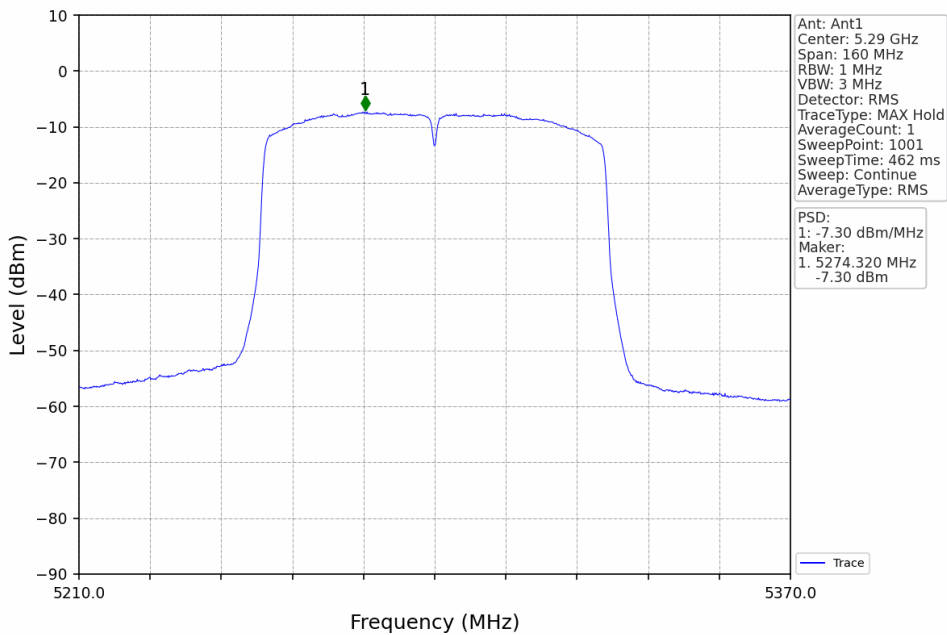
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### 802.11ac(VHT80)\_MCH\_5210MHz\_MIMO\_NTNV



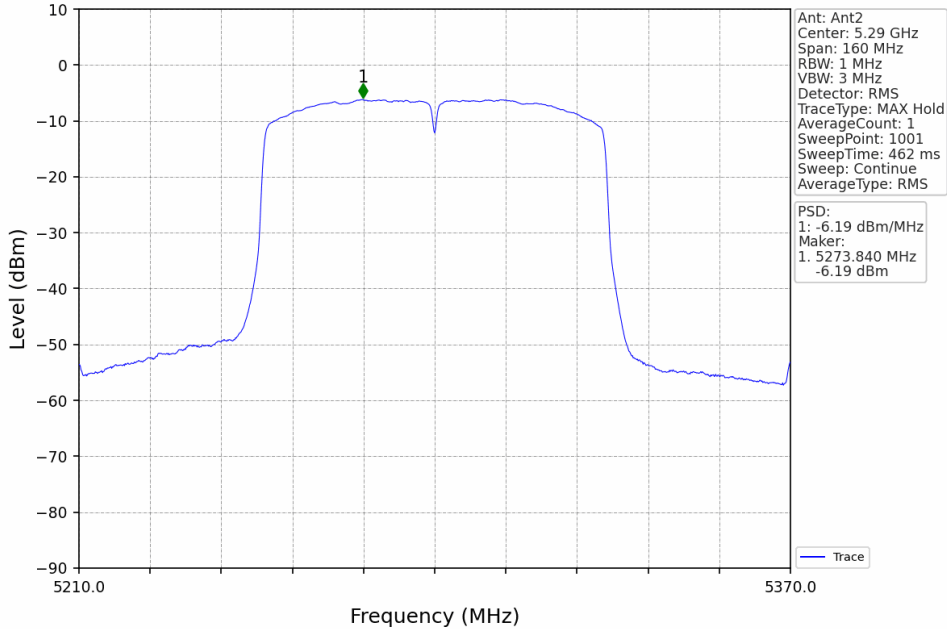
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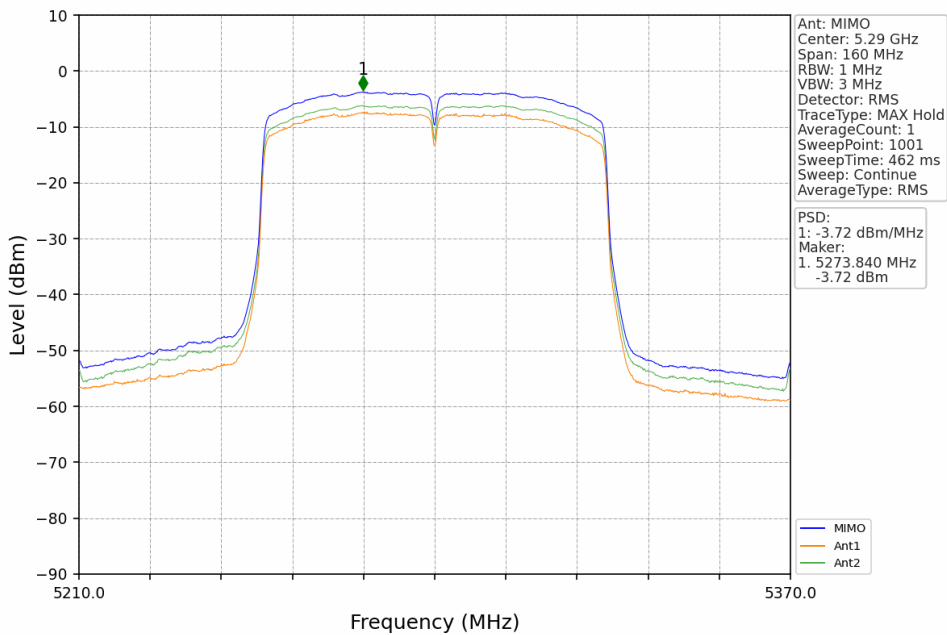
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802.11ac(VHT80)\_MCH\_5290MHz\_Ant2\_NTNV



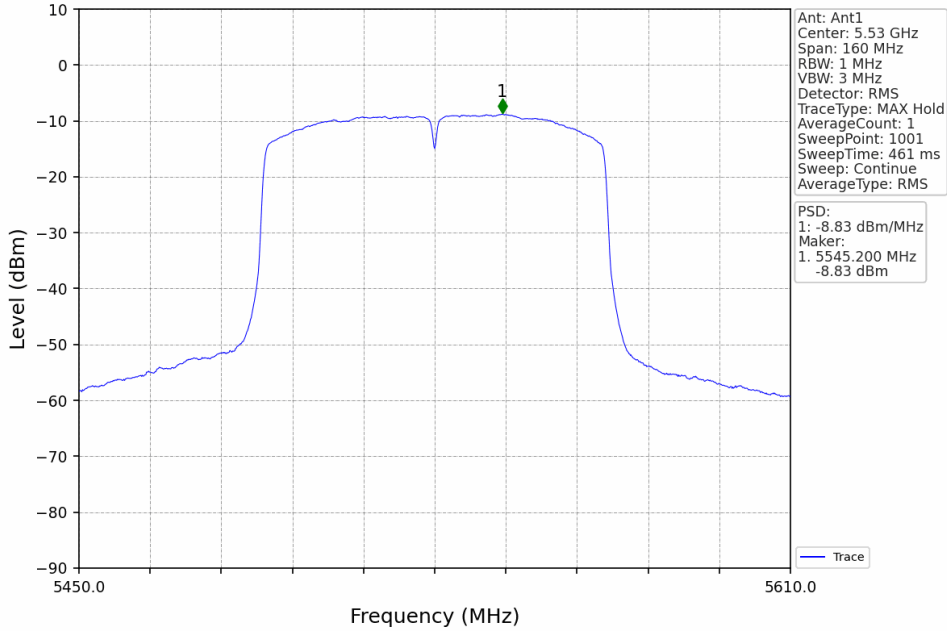
802.11ac(VHT80)\_MCH\_5290MHz\_MIMO\_NTNV



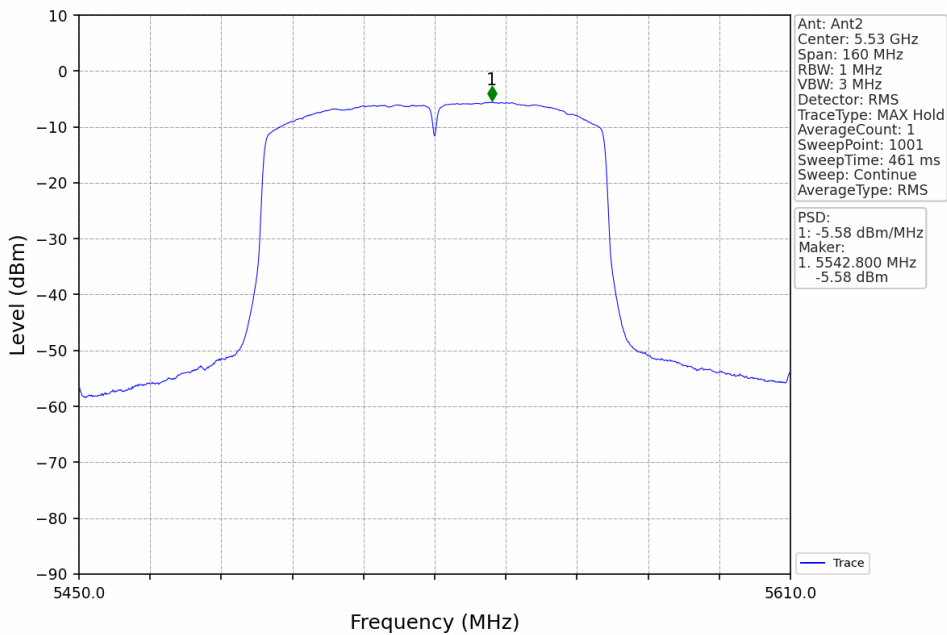
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802.11ac(VHT80)\_LCH\_5530MHz\_Ant1\_NTNV



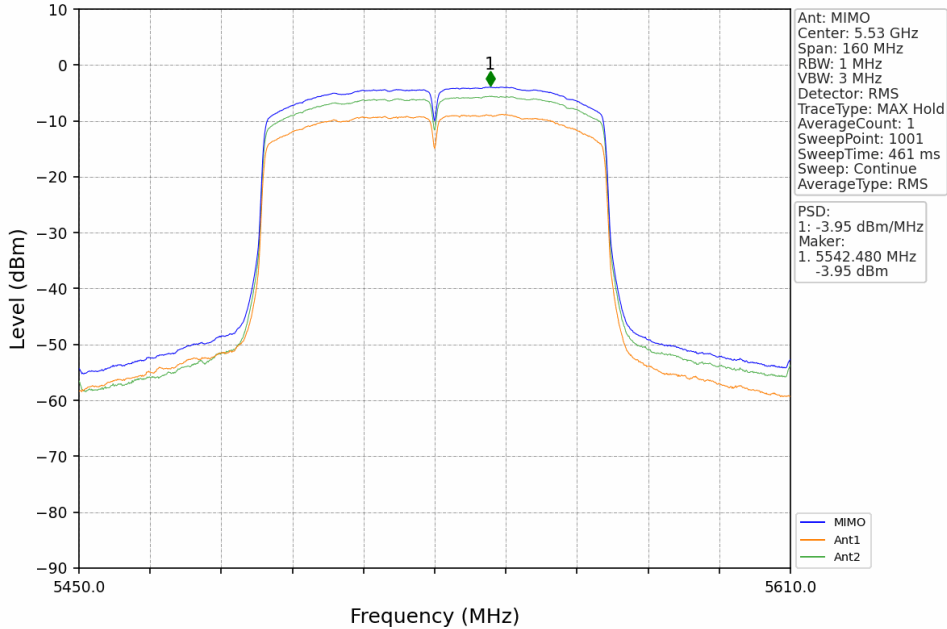
802.11ac(VHT80)\_LCH\_5530MHz\_Ant2\_NTNV



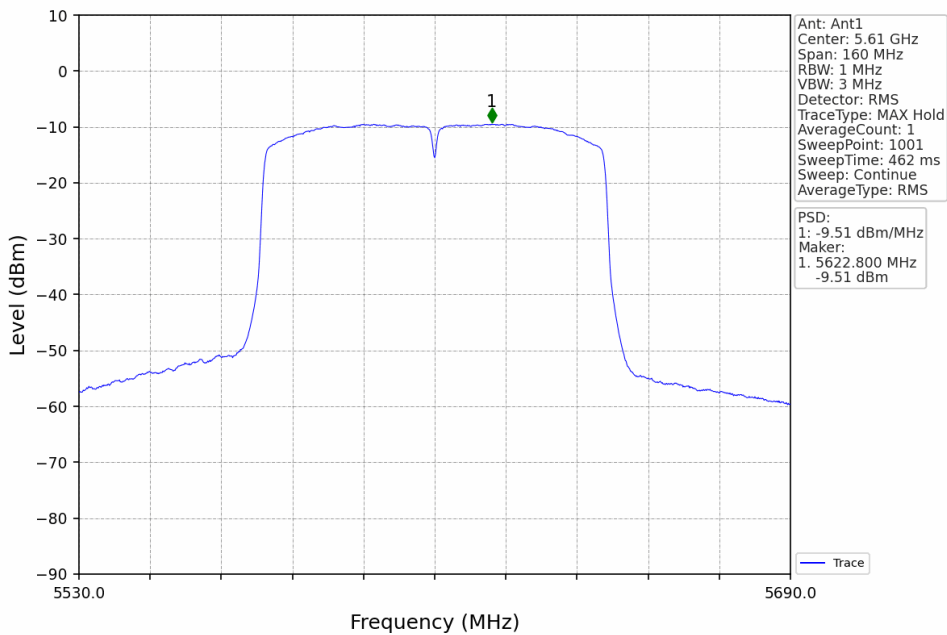
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802.11ac(VHT80)\_LCH\_5530MHz\_MIMO\_NTNV

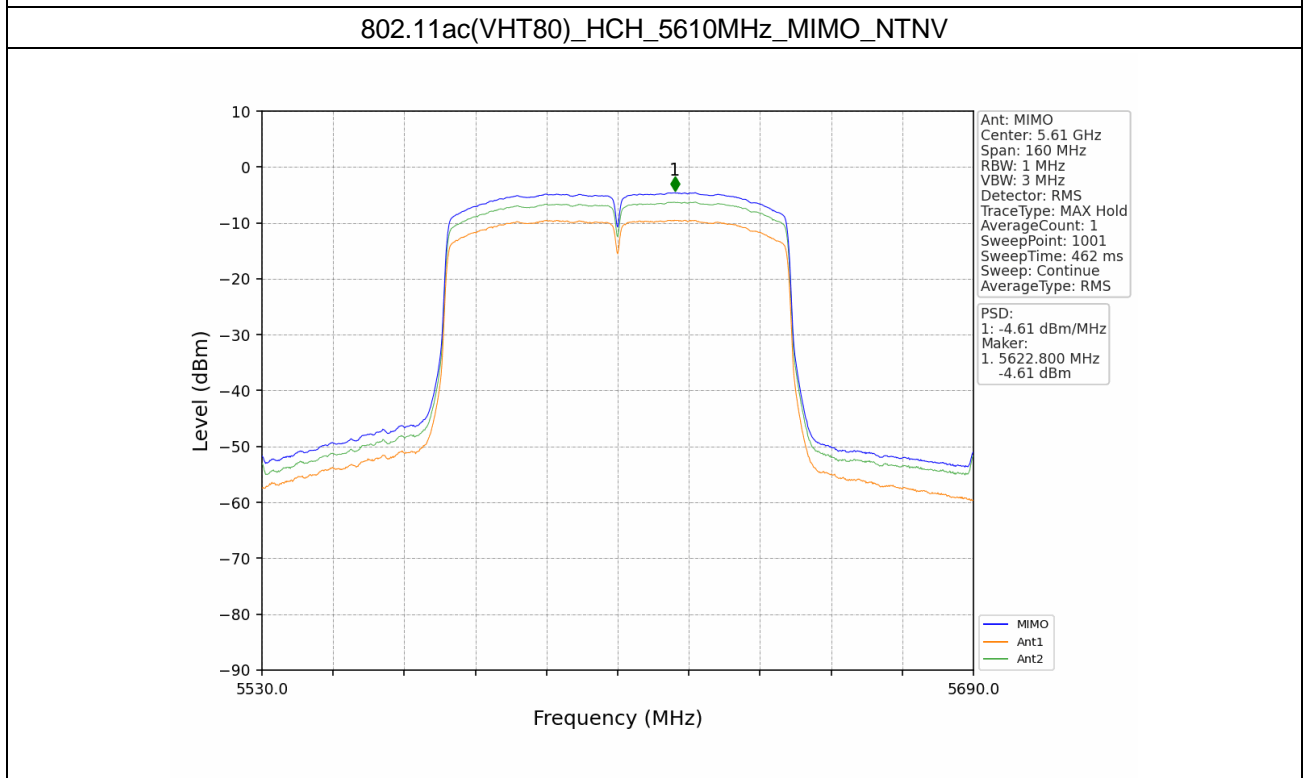
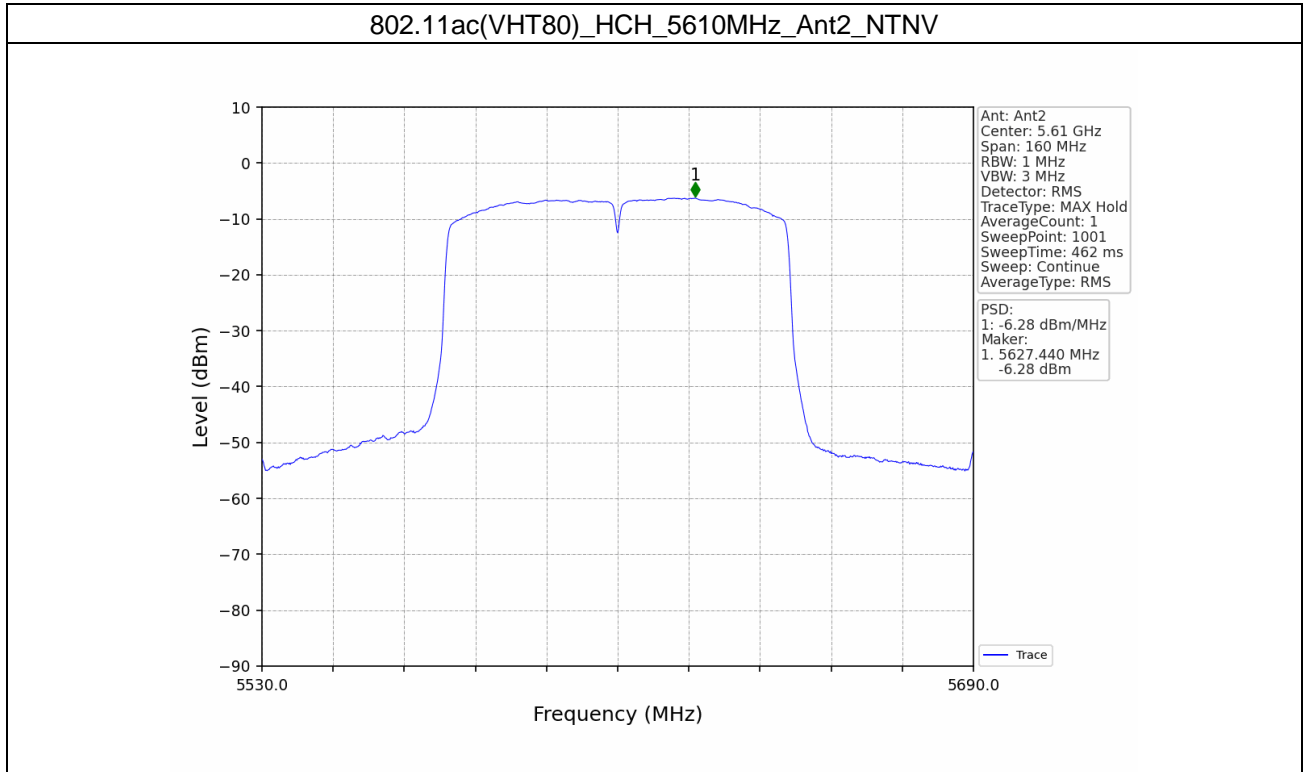


802.11ac(VHT80)\_HCH\_5610MHz\_Ant1\_NTNV



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# Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR220700026805

Page: 396 of 436

## 4.2 PSD-Band3

### 4.2.1 Test Result

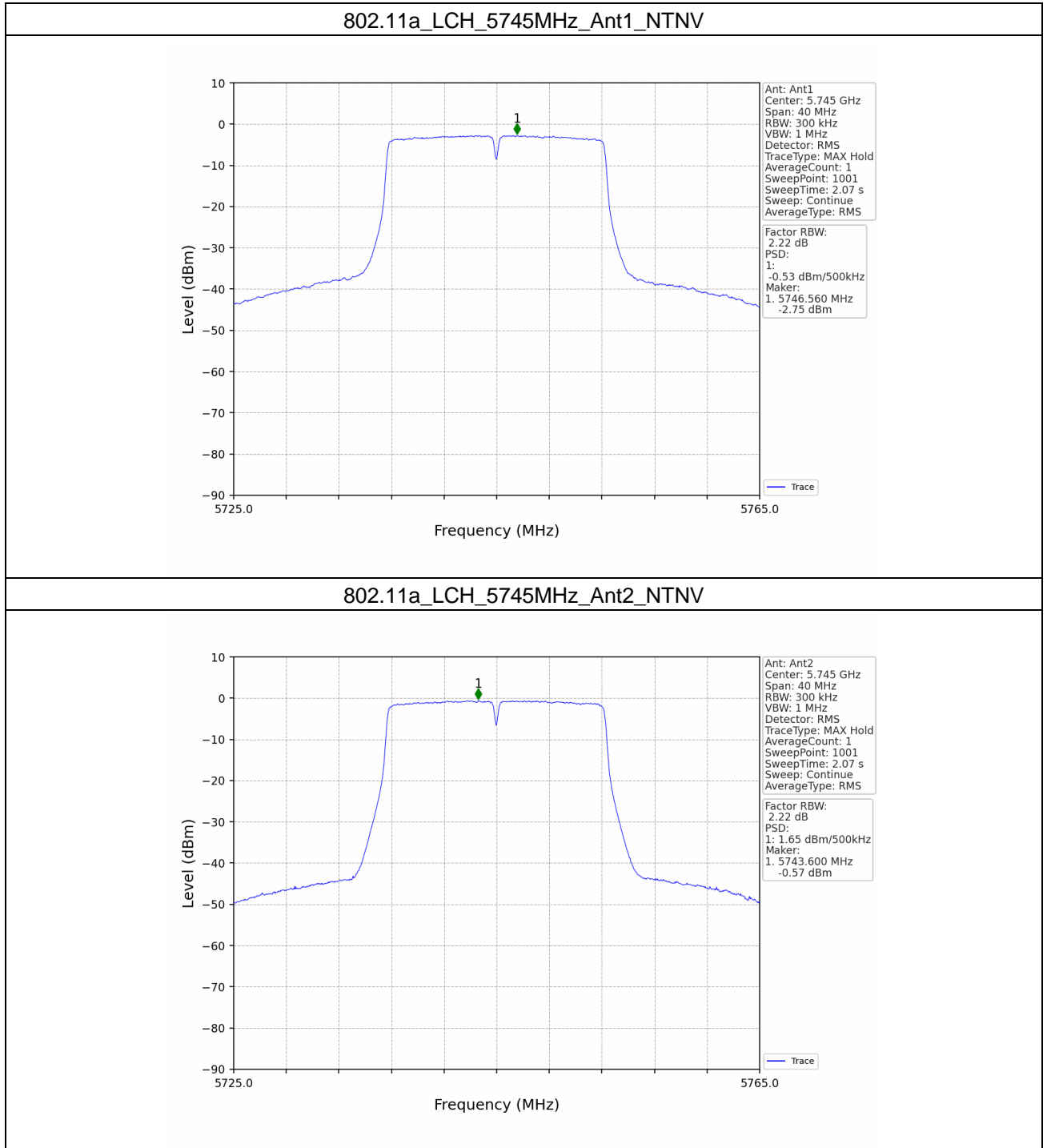
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)				Verdict
			ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5745	-0.53	1.65	/	<=30	Pass
		5785	-0.63	2.50	/	<=30	Pass
		5825	0.13	3.00	/	<=30	Pass
802.11n (HT20)	MIMO	5745	-4.25	-0.46	1.06	<=29.46	Pass
		5785	-3.89	0.02	1.50	<=29.46	Pass
		5825	-3.17	1.10	2.48	<=29.46	Pass
802.11n (HT40)	MIMO	5755	-7.06	-2.63	-1.30	<=29.46	Pass
		5795	-7.33	-1.94	-0.88	<=29.46	Pass
802.11ac (VHT20)	MIMO	5745	-4.33	-1.70	0.21	<=29.46	Pass
		5785	-4.49	-0.98	0.33	<=29.46	Pass
		5825	-3.93	-0.31	1.21	<=29.46	Pass
802.11ac (VHT40)	MIMO	5755	-8.95	-4.75	-3.35	<=29.46	Pass
		5795	-9.06	-4.23	-2.99	<=29.46	Pass
802.11ac (VHT80)	MIMO	5775	-11.84	-6.66	-5.58	<=29.46	Pass



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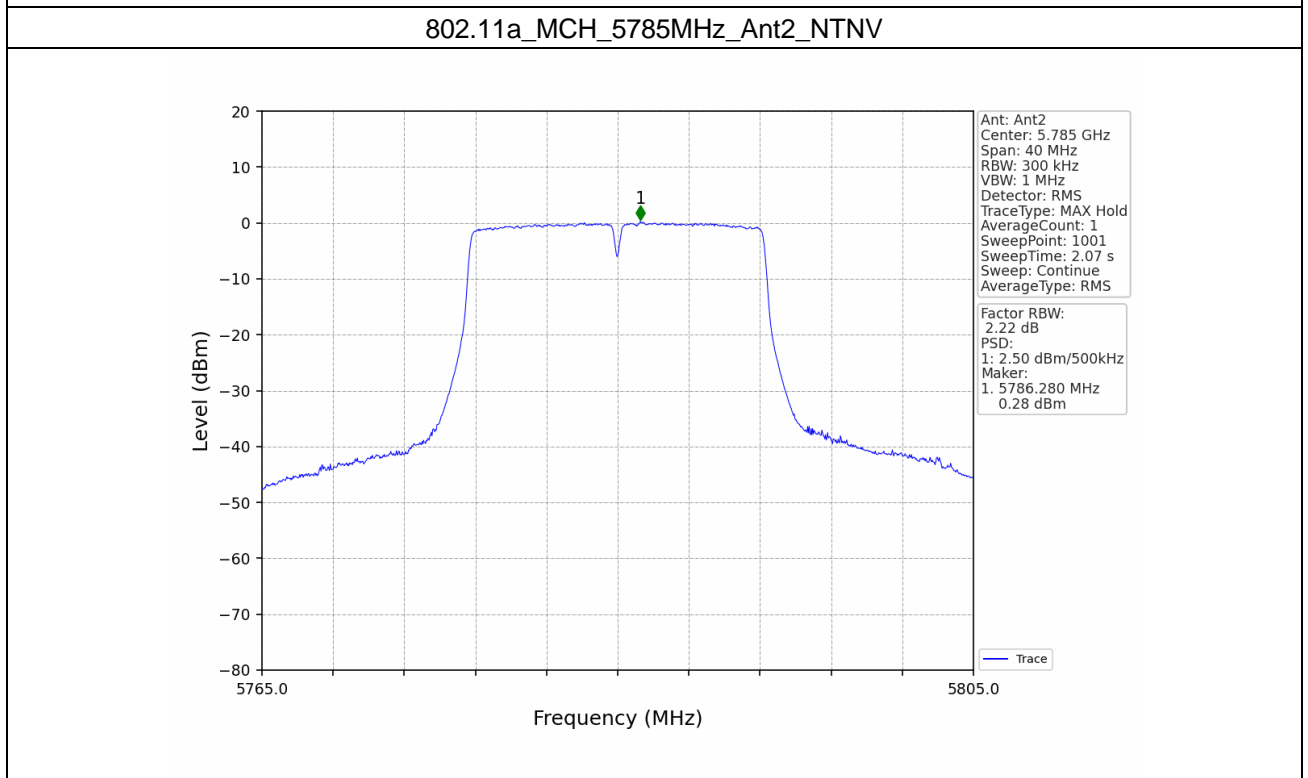
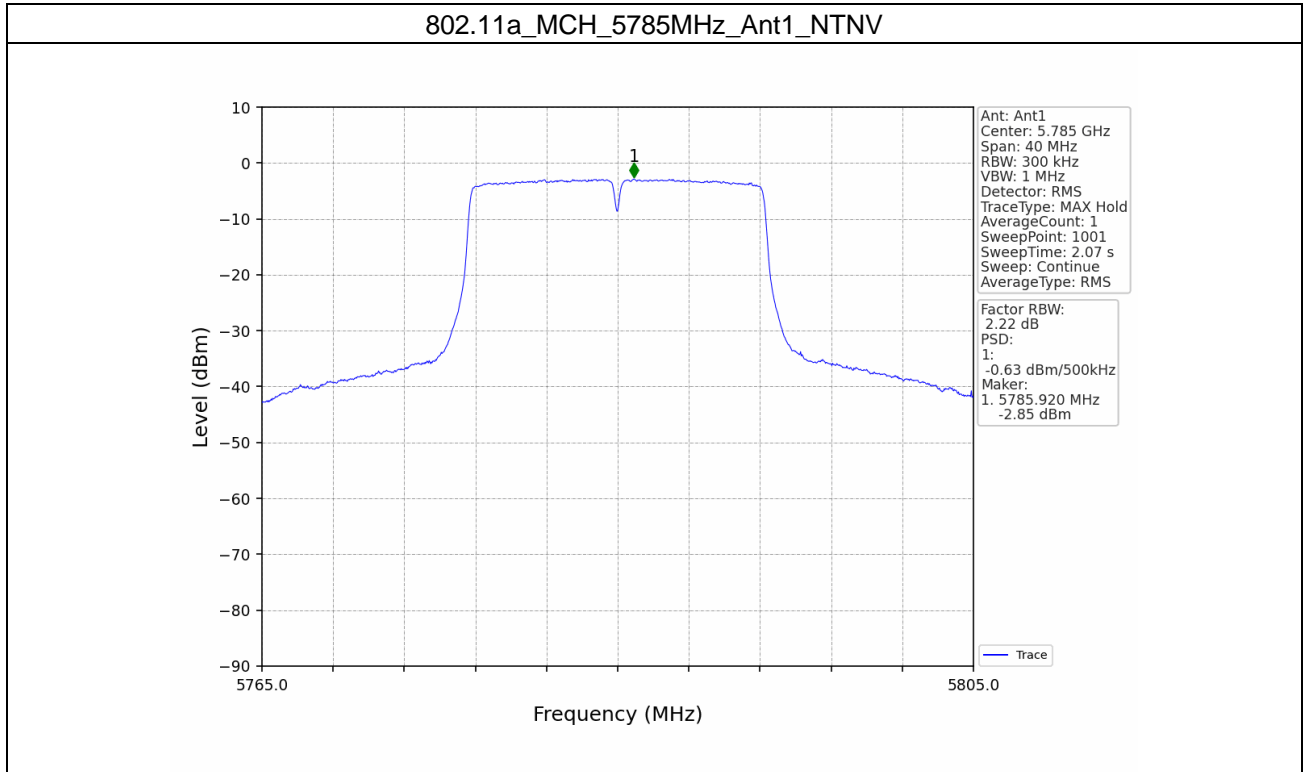
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### 4.2.2 Test Graph



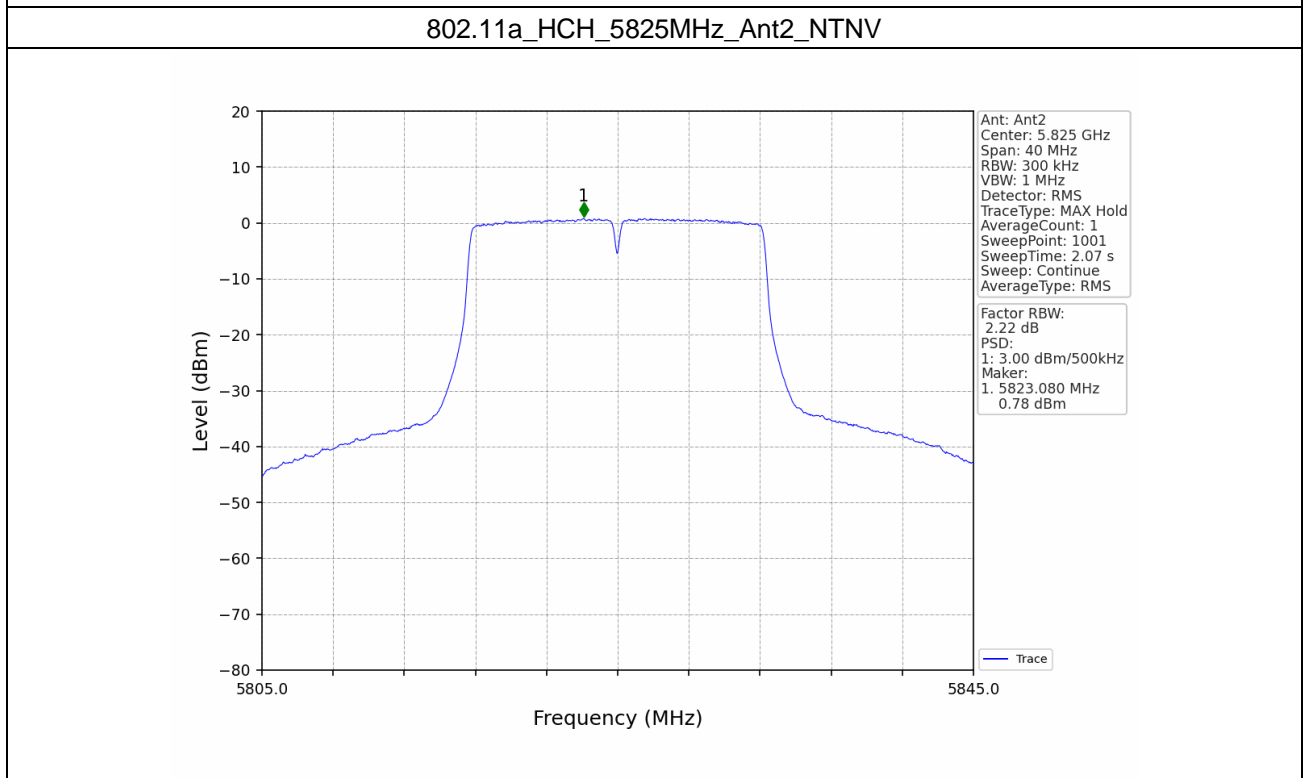
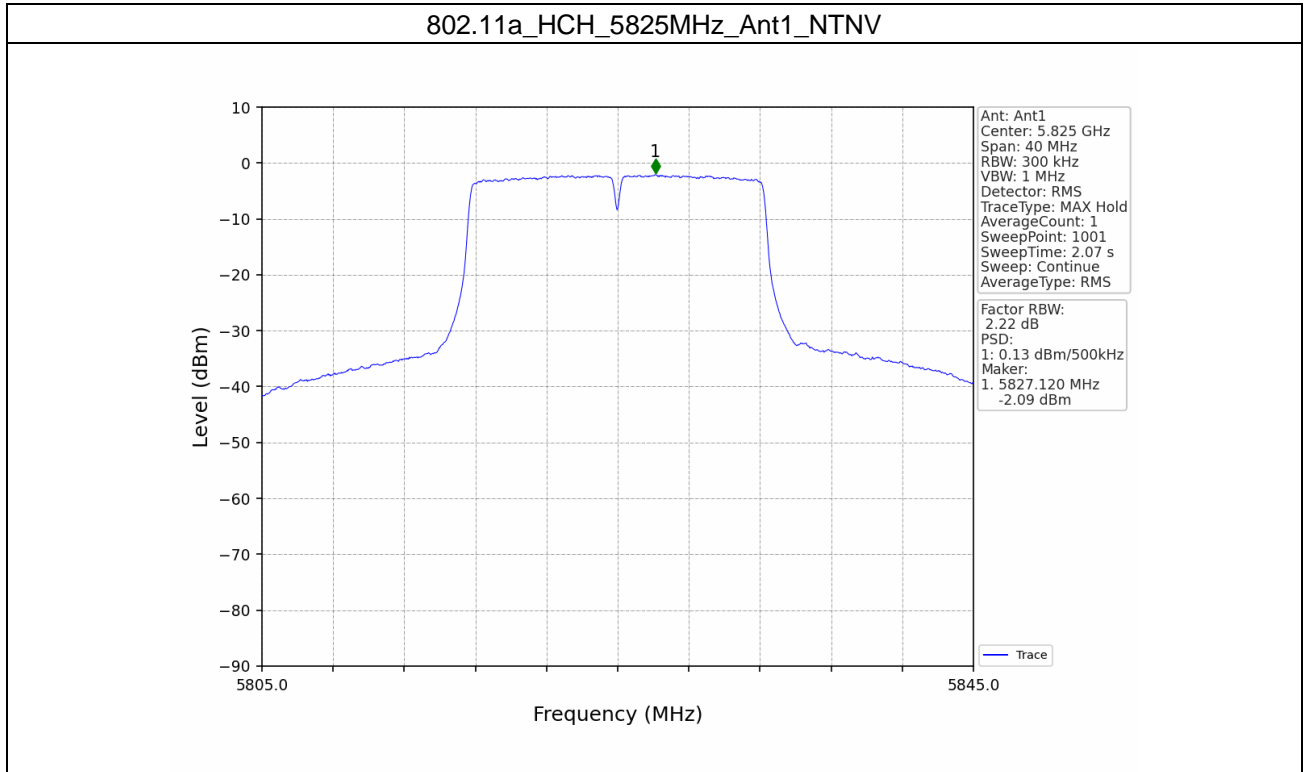
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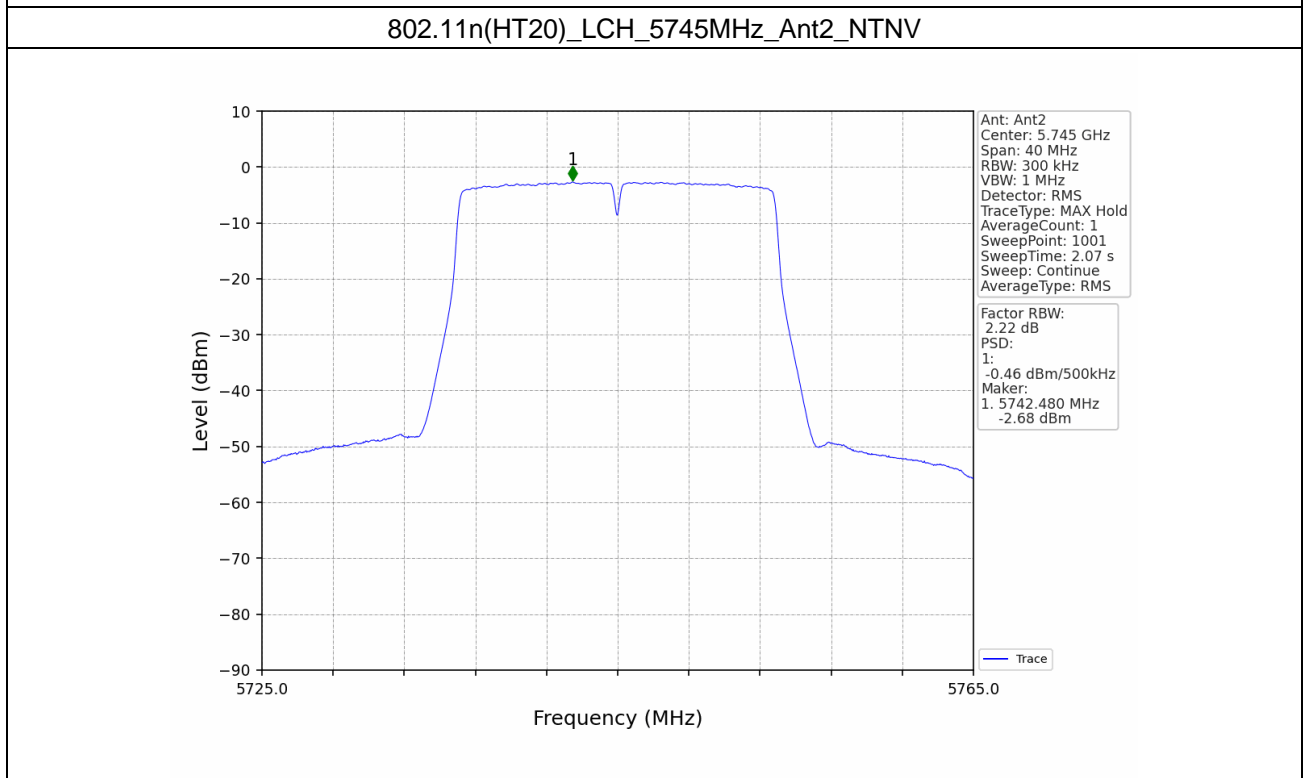
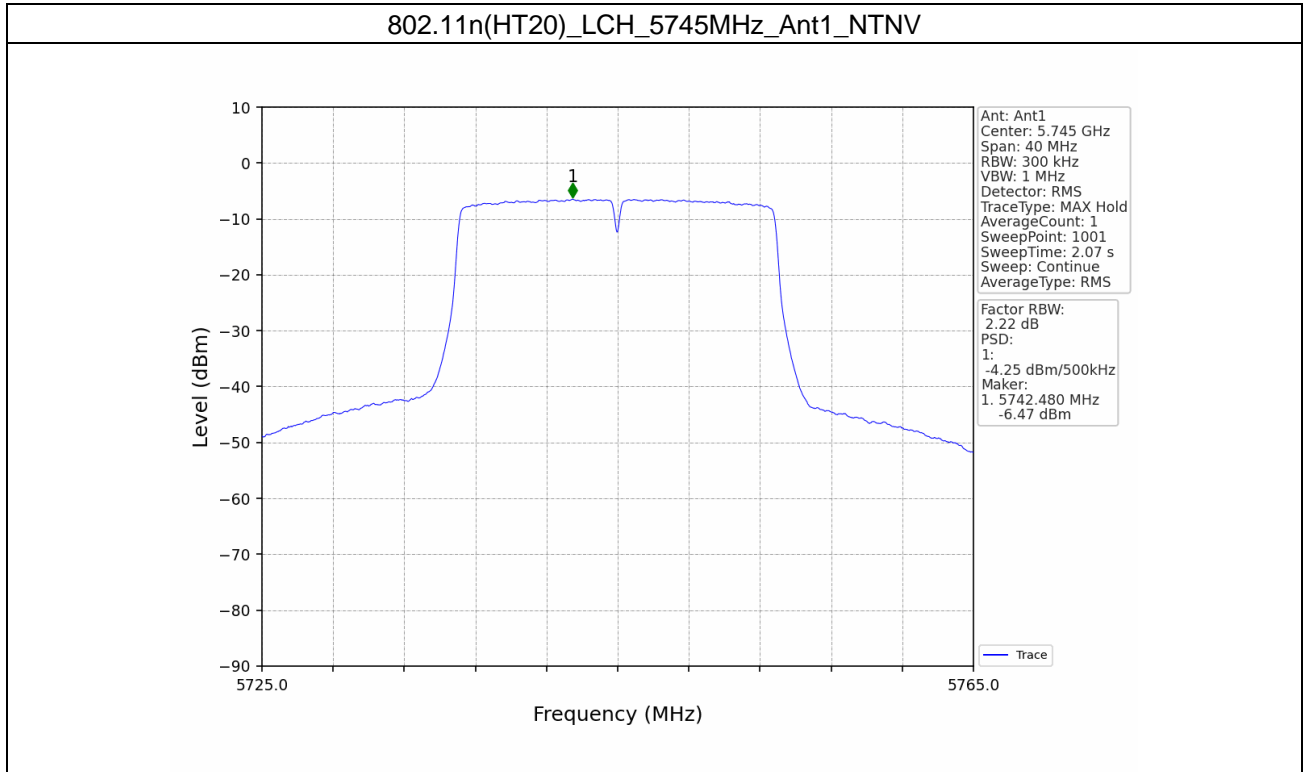
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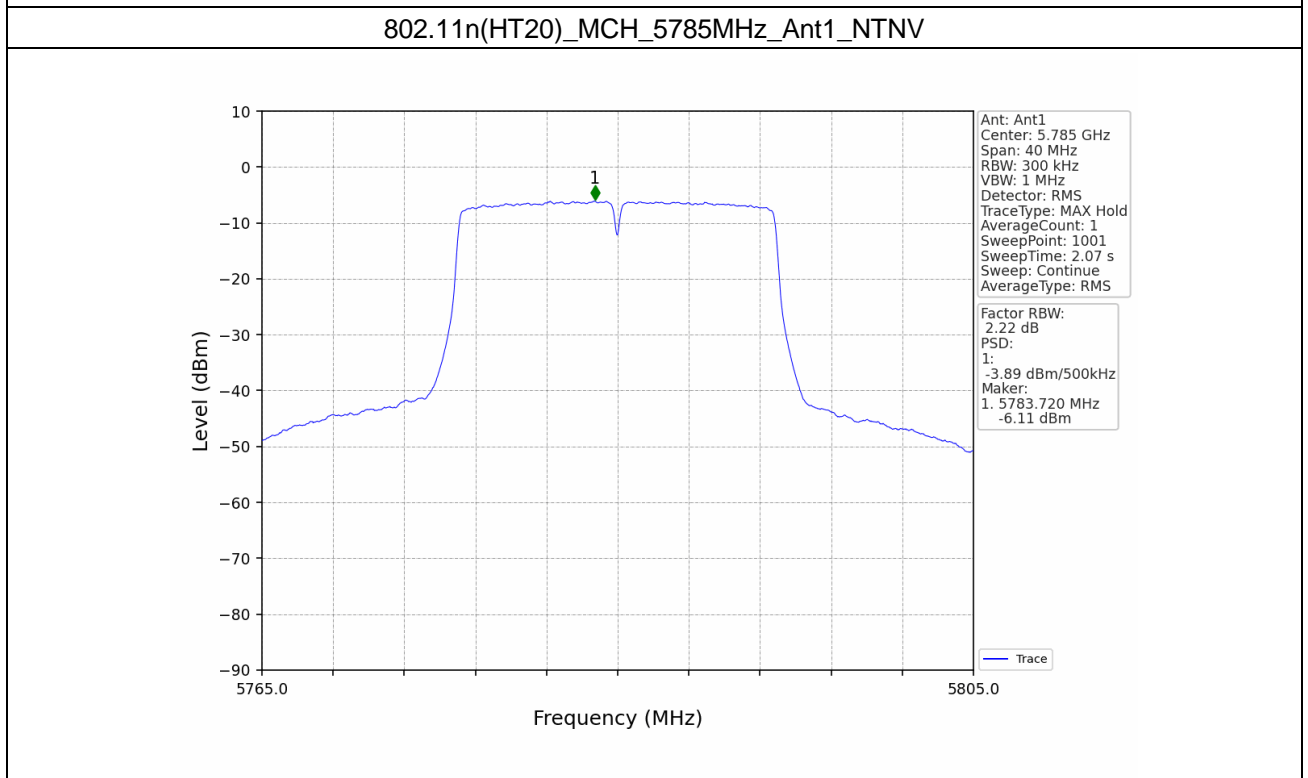
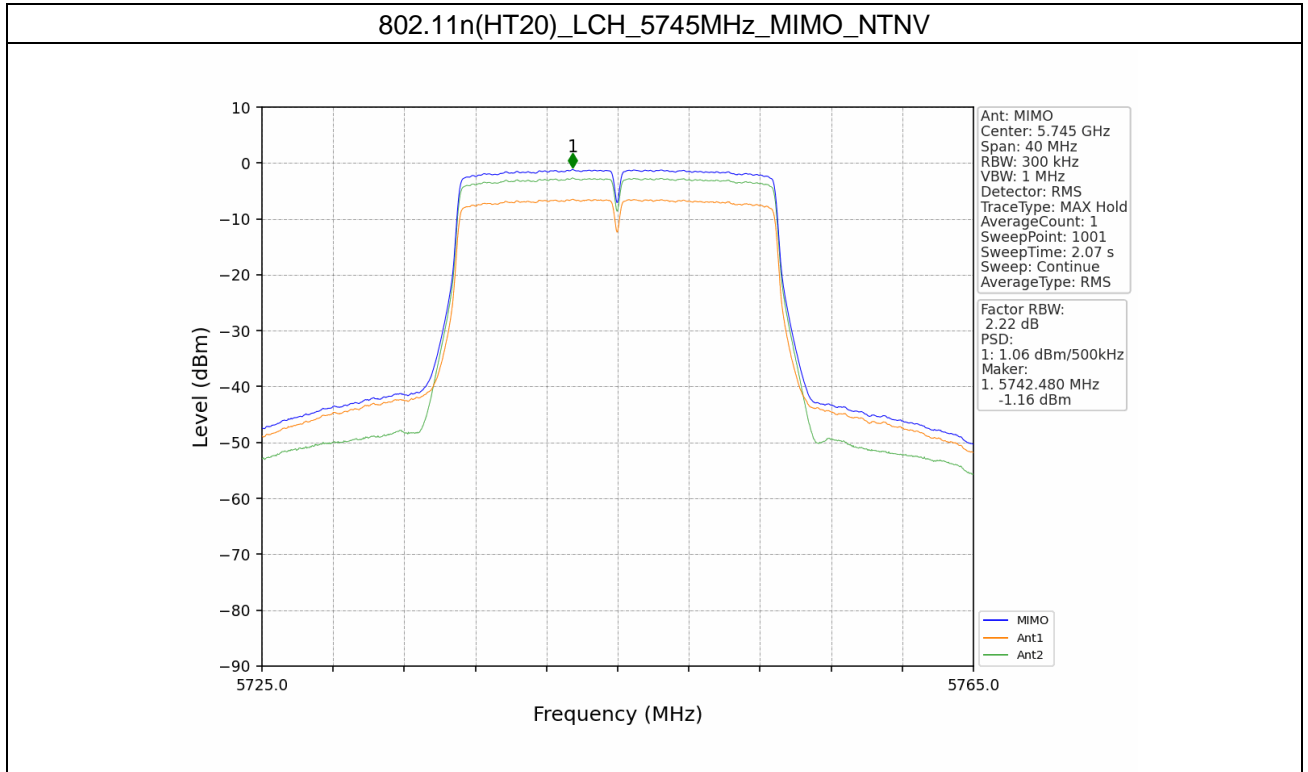
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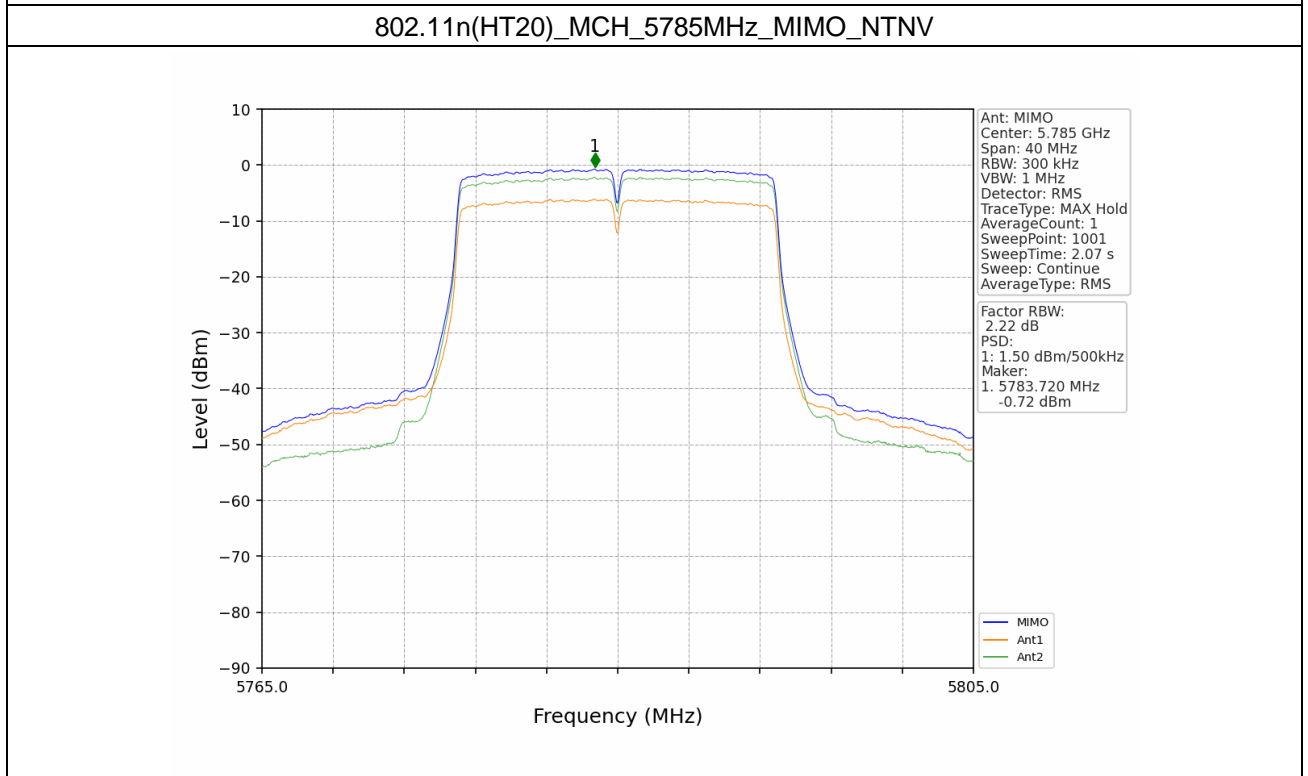
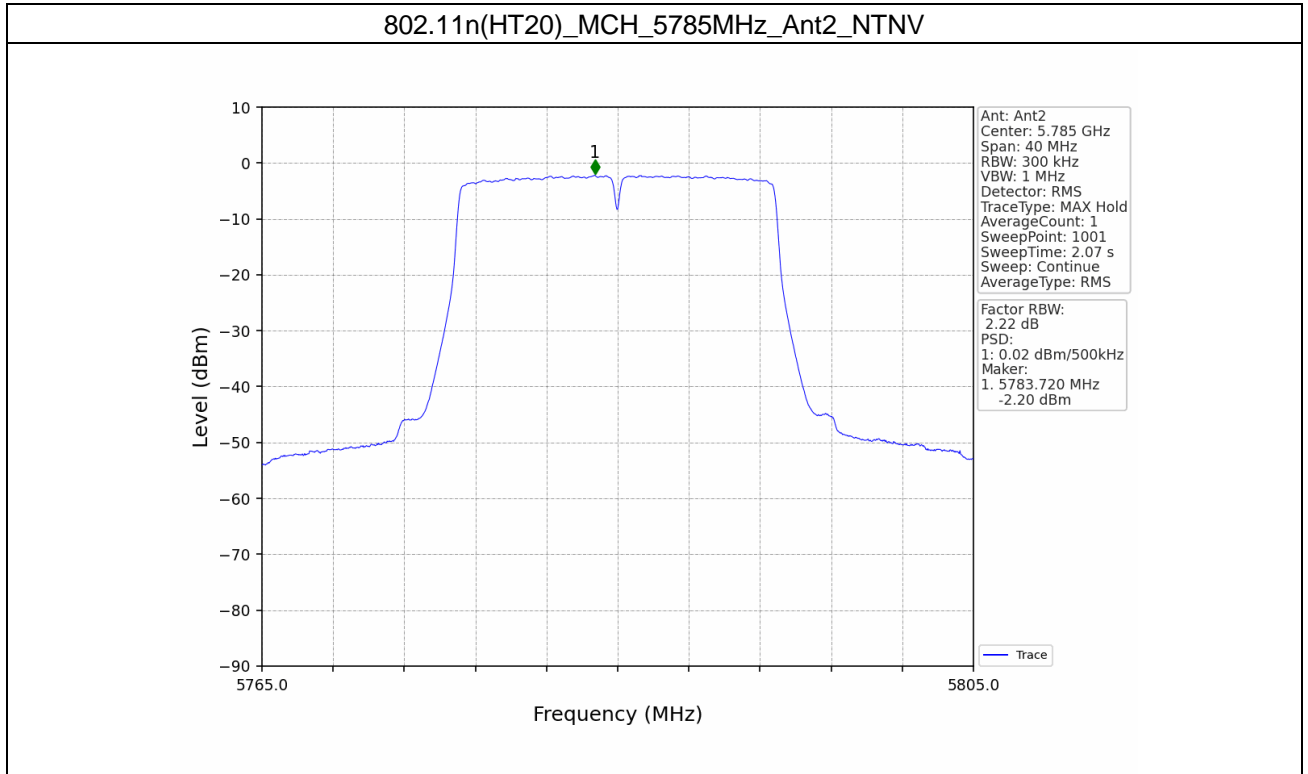
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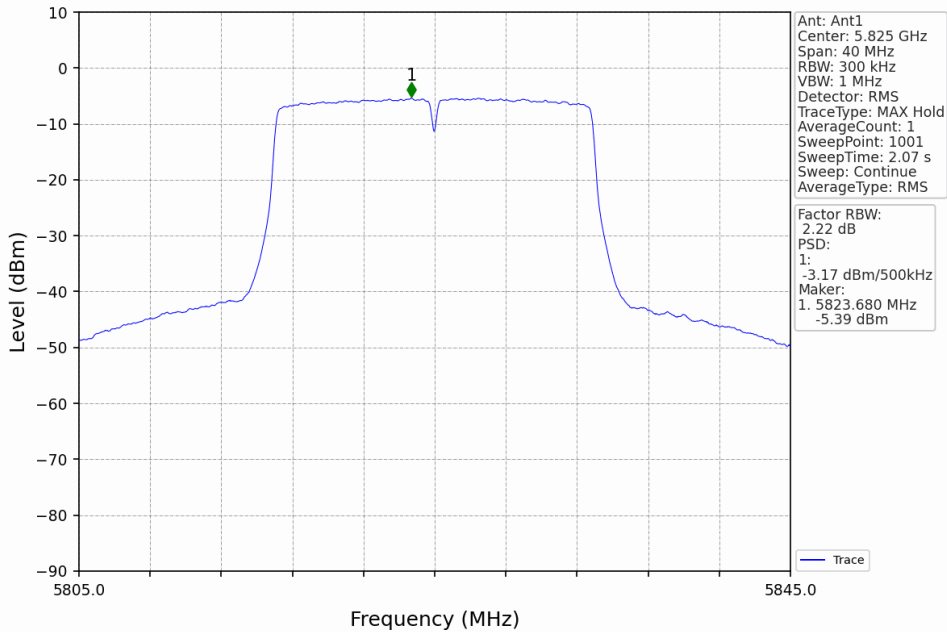
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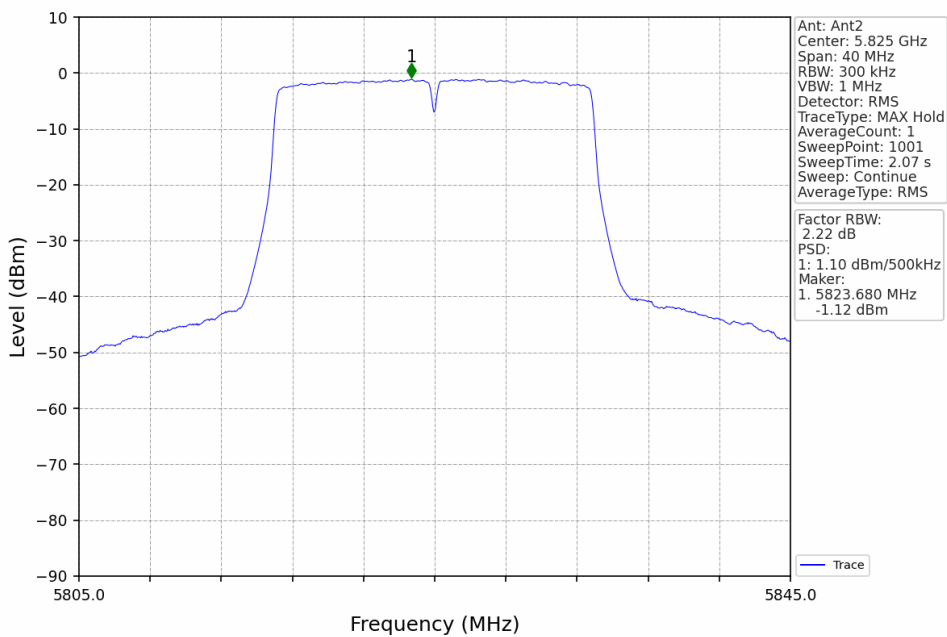
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802.11n(HT20)\_HCH\_5825MHz\_Ant1\_NTNV



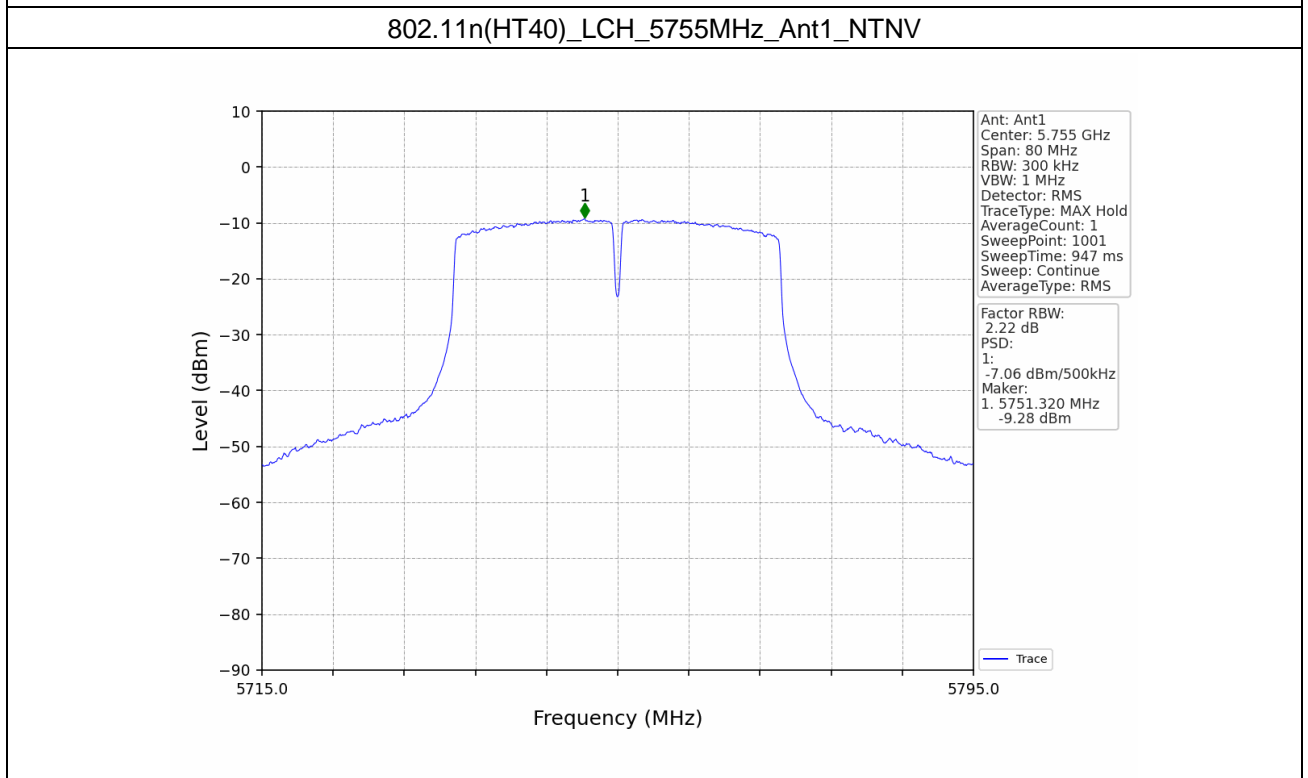
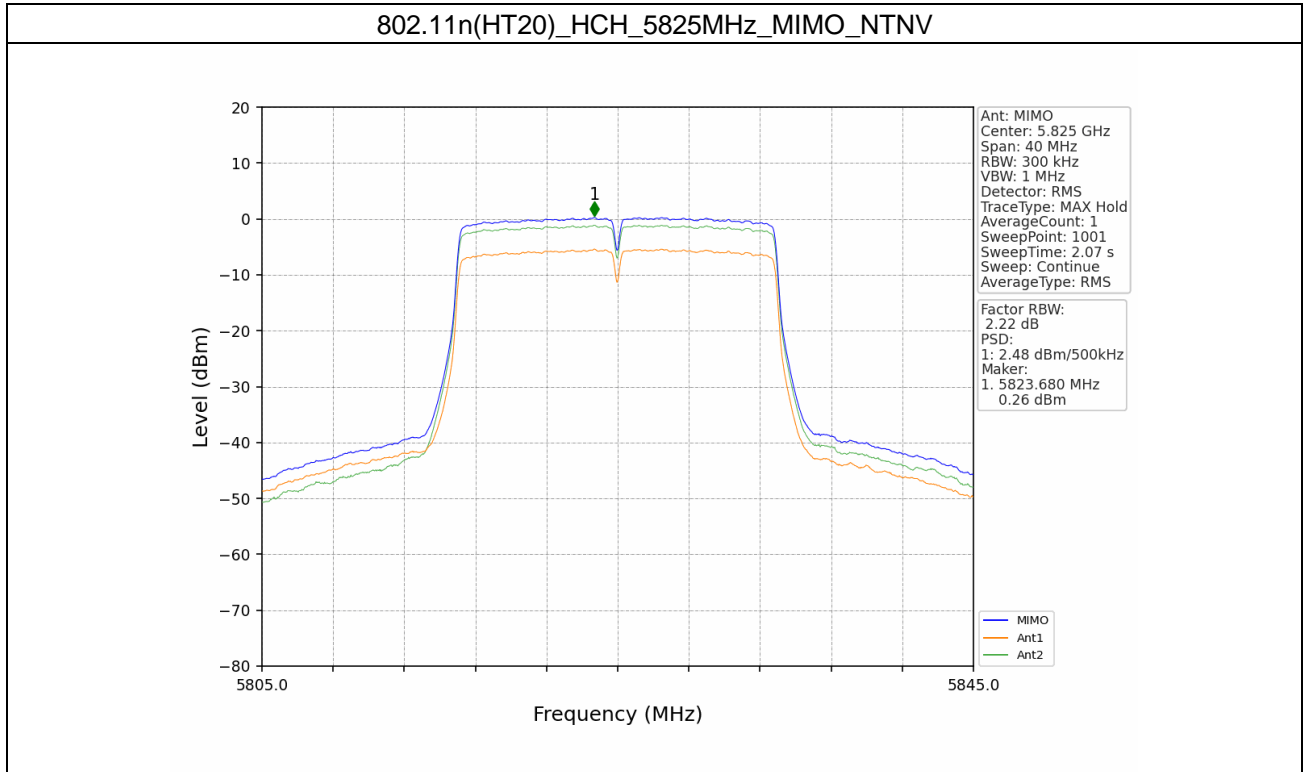
802.11n(HT20)\_HCH\_5825MHz\_Ant2\_NTNV



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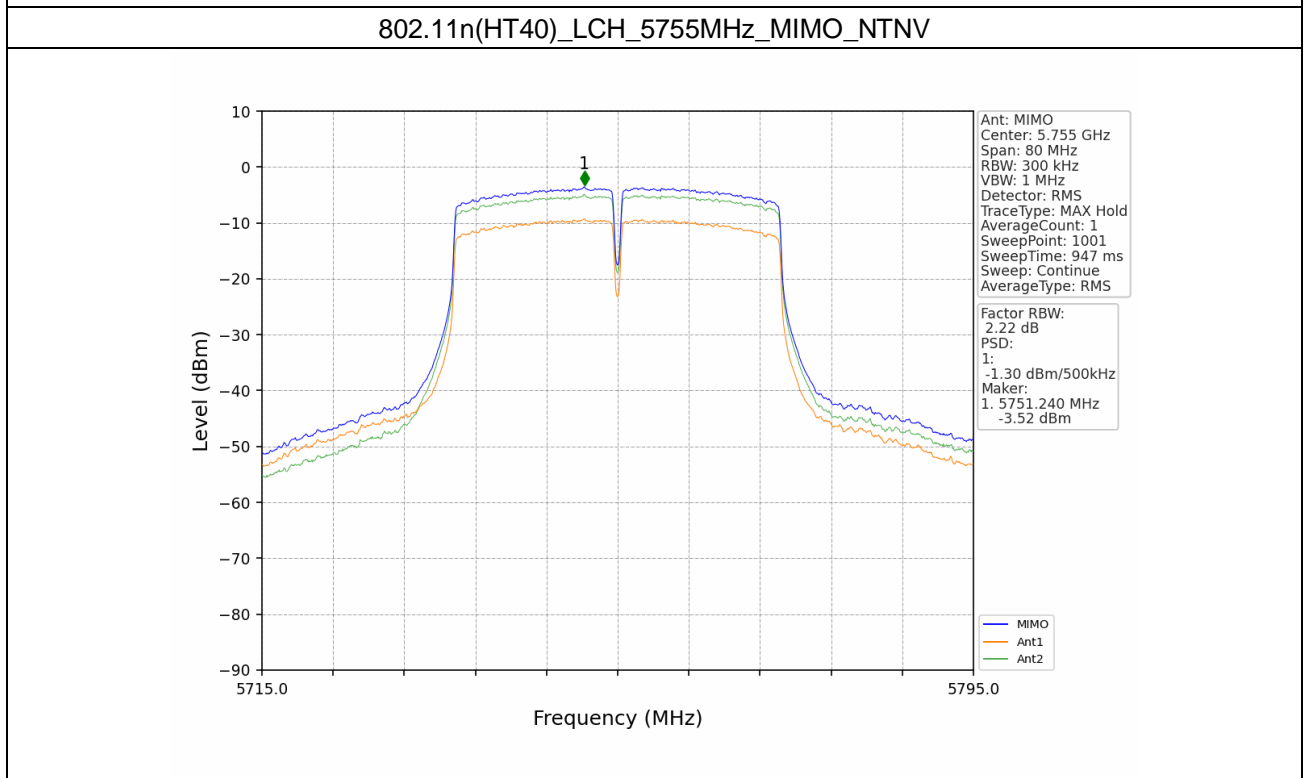
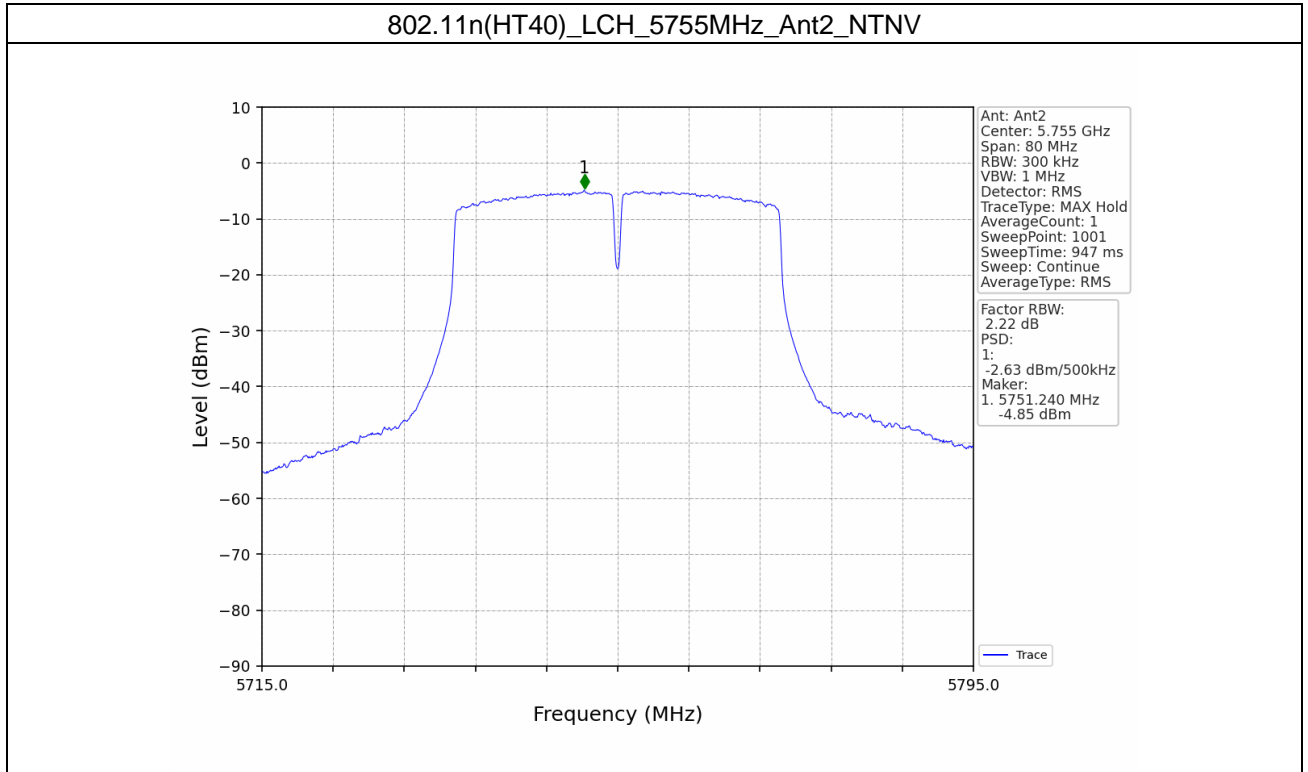
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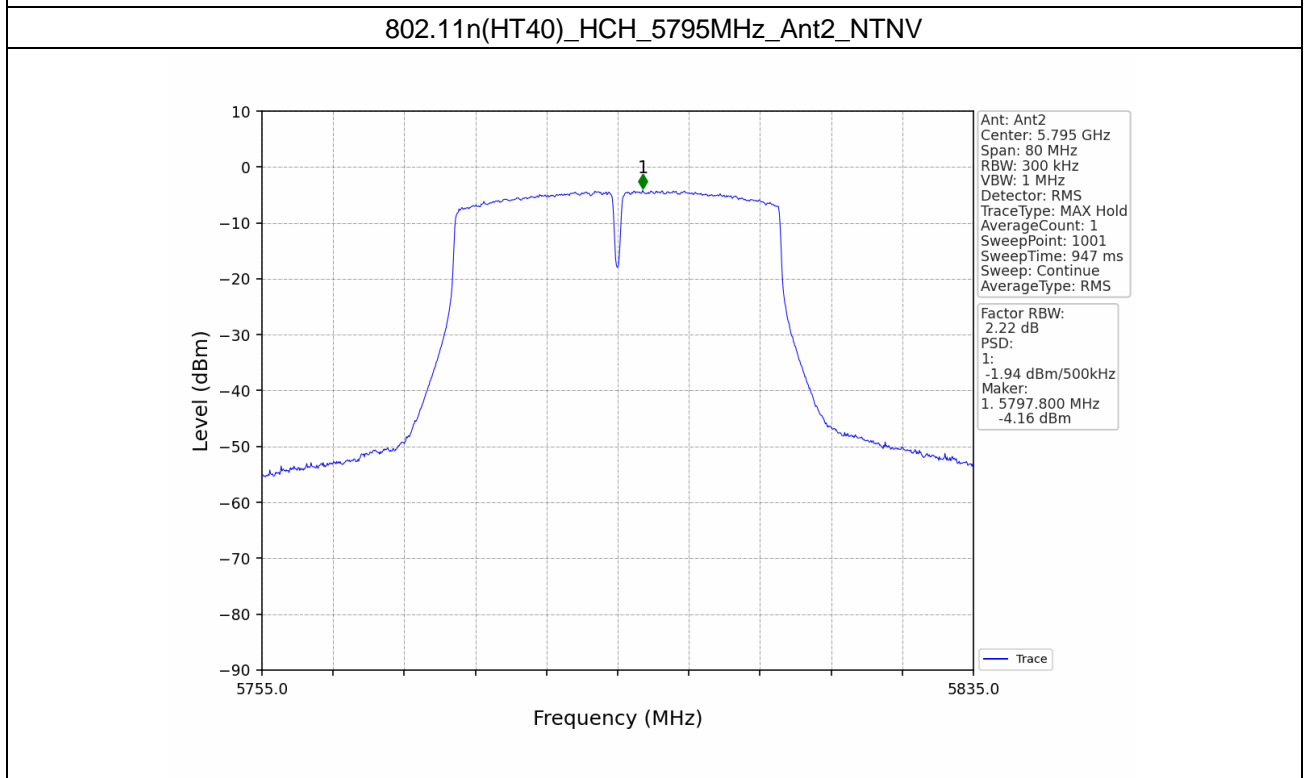
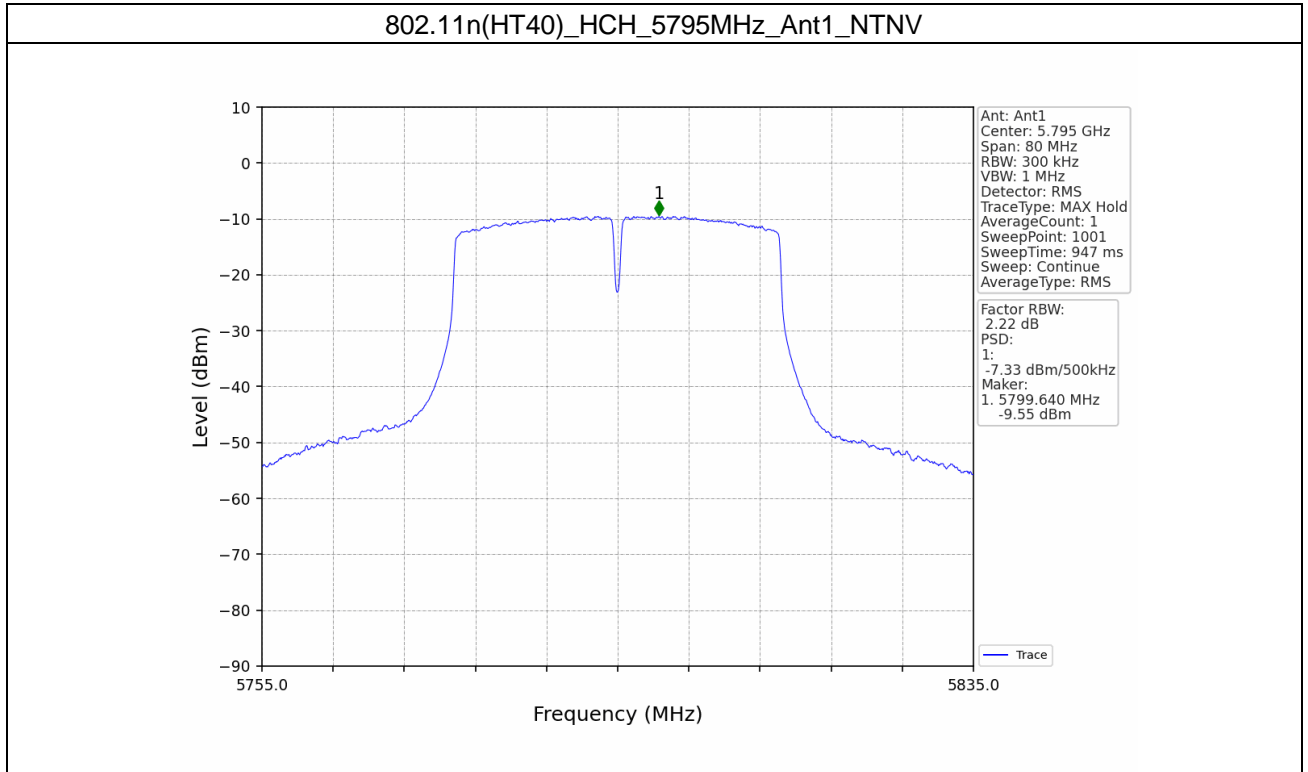
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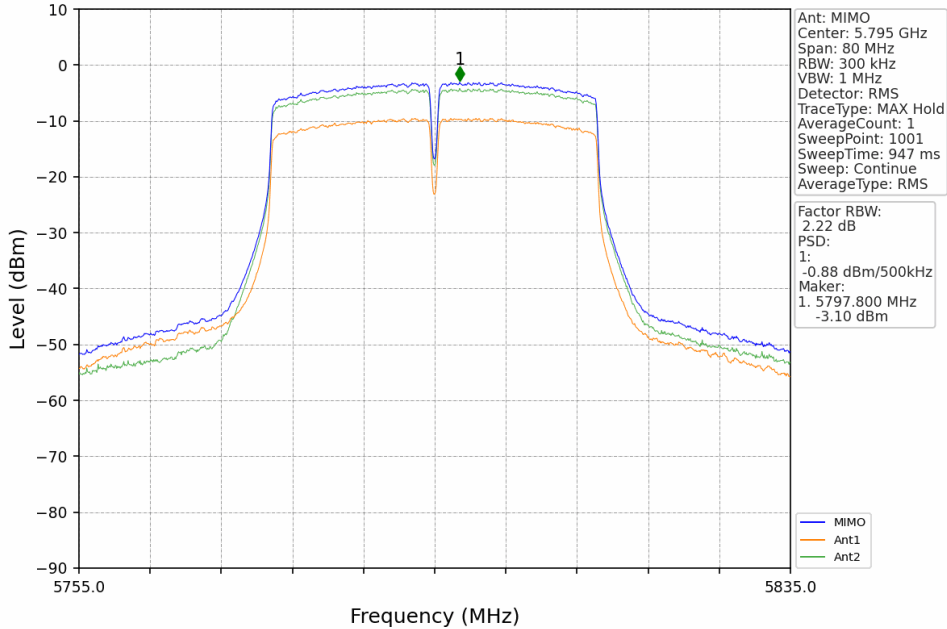
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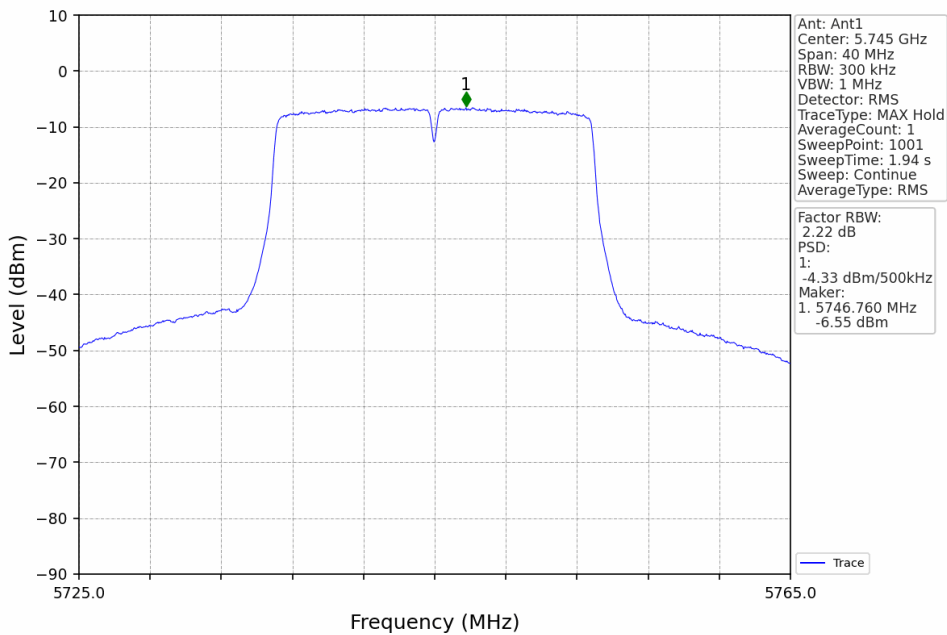
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### 802.11n(HT40)\_HCH\_5795MHz\_MIMO\_NTNV



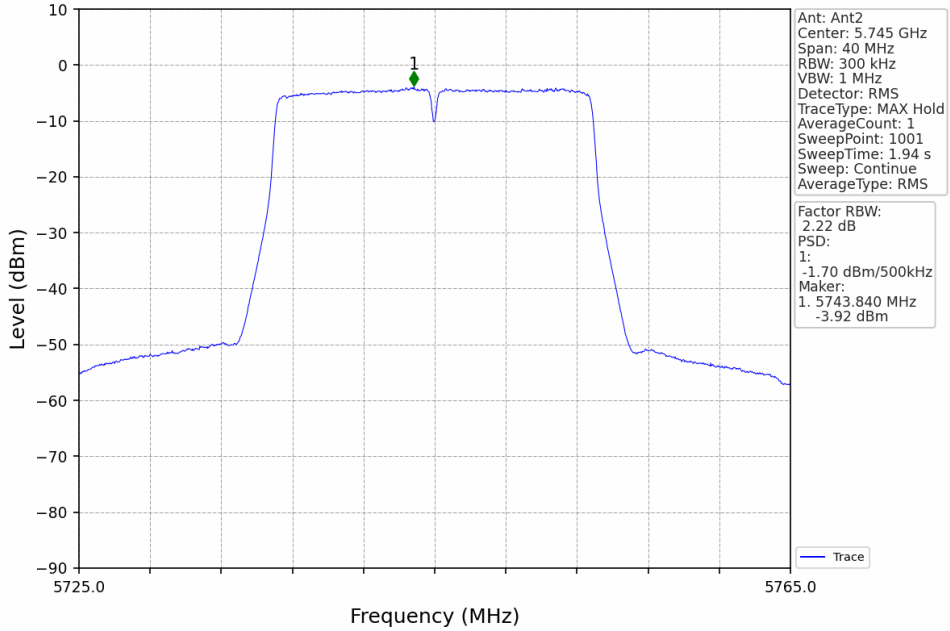
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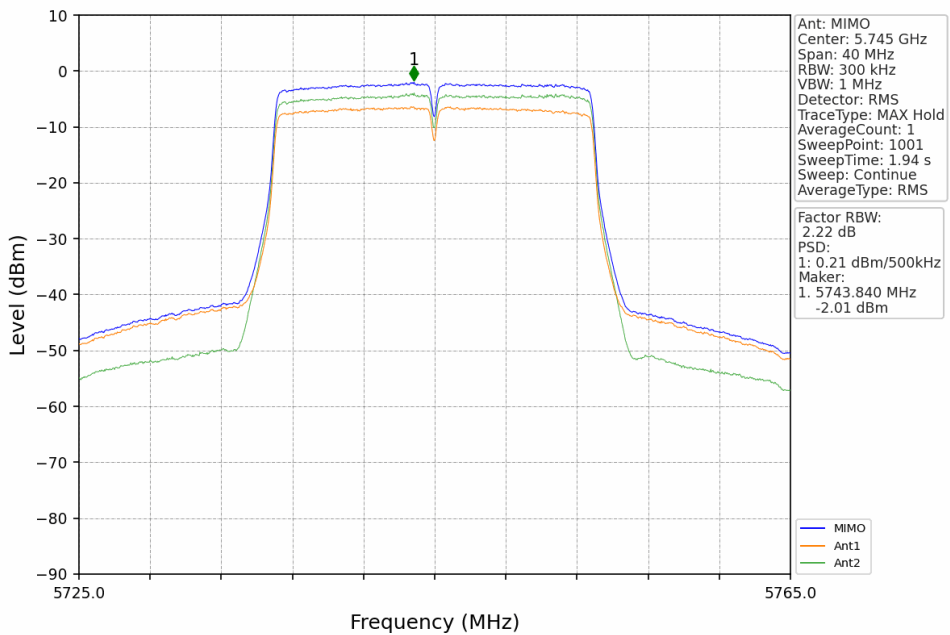
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802.11ac(VHT20)\_LCH\_5745MHz\_Ant2\_NTNV



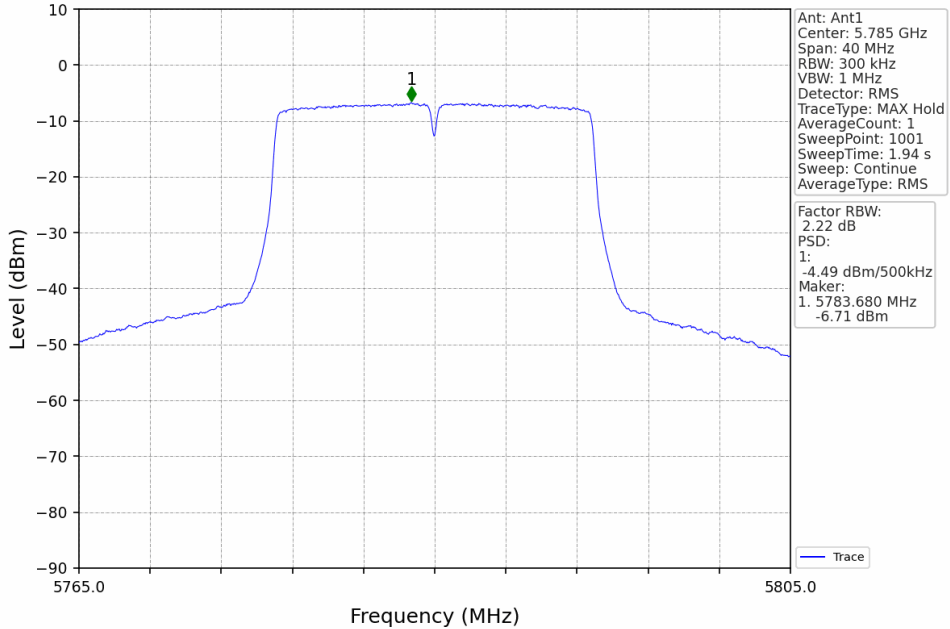
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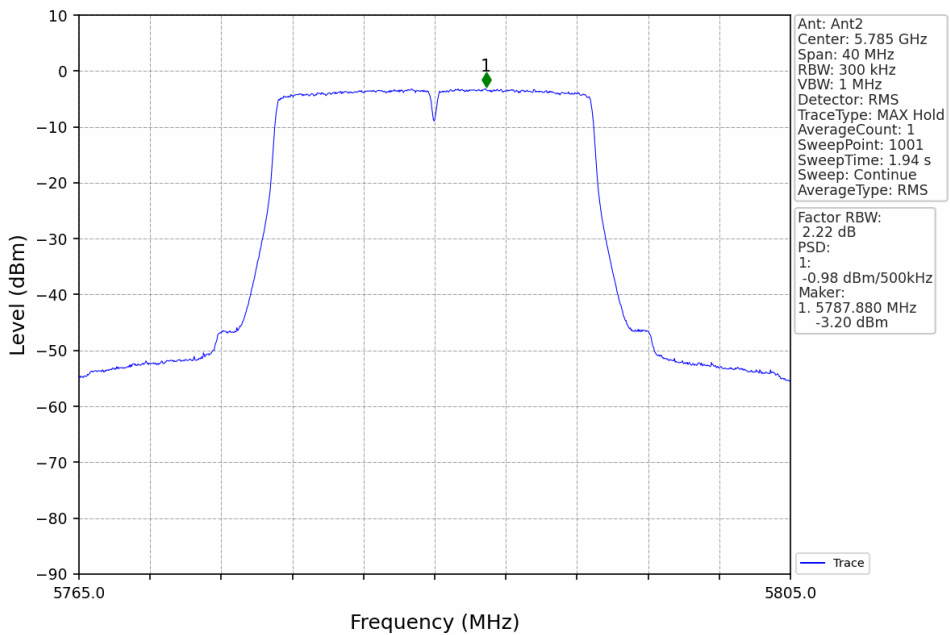
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### 802.11ac(VHT20)\_MCH\_5785MHz\_Ant1\_NTNV



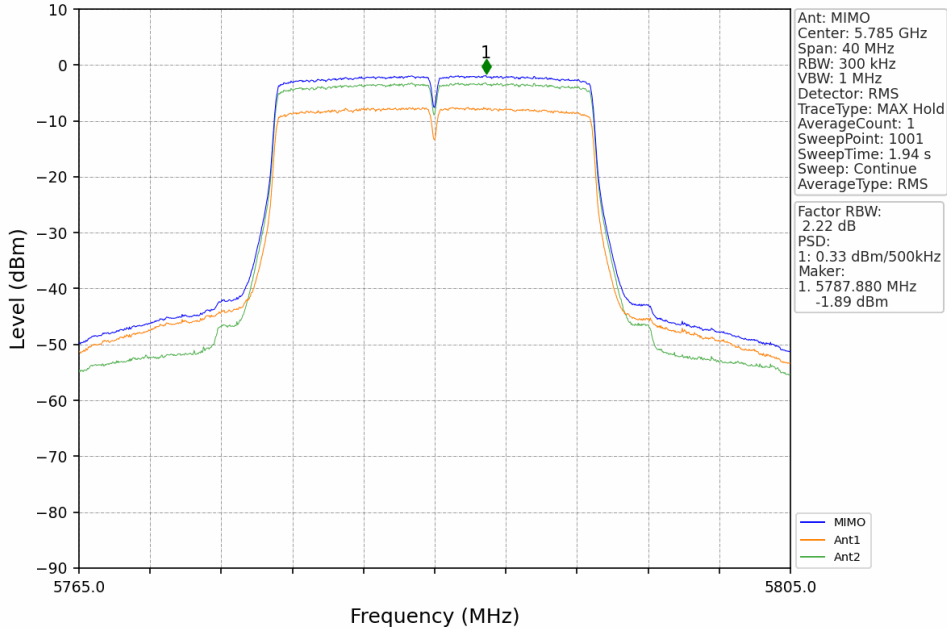
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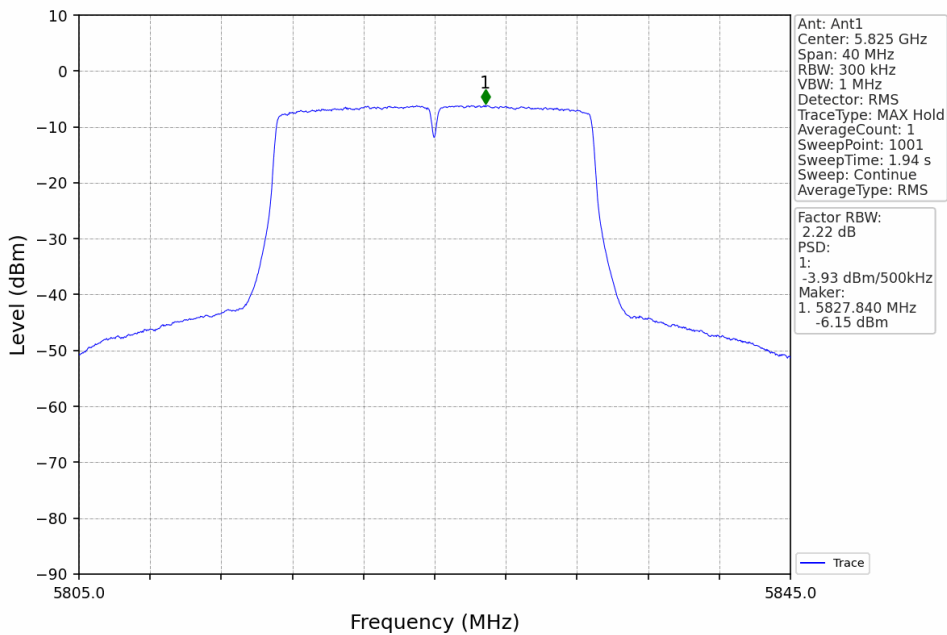
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802.11ac(VHT20)\_MCH\_5785MHz\_MIMO\_NTNV



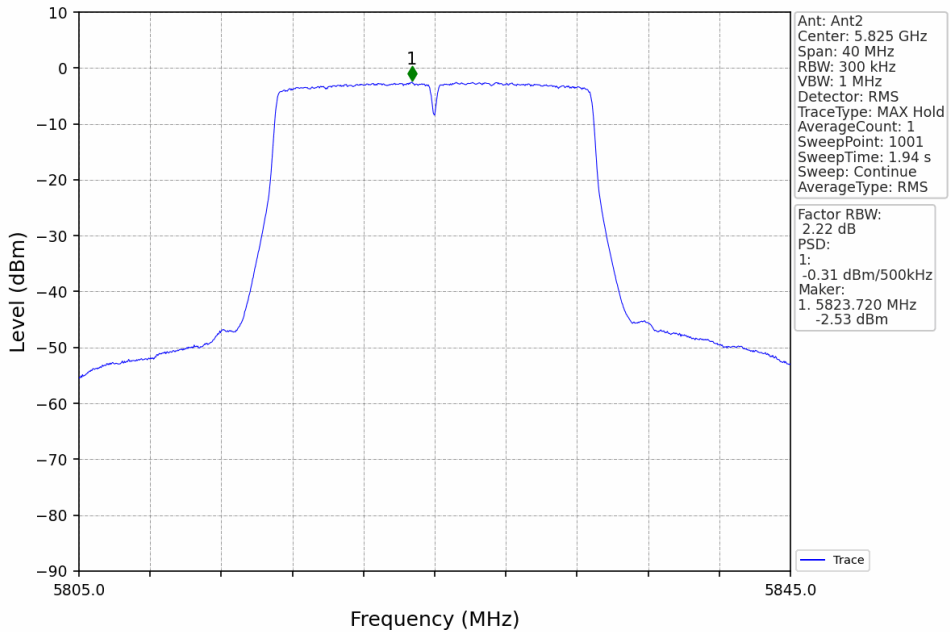
802.11ac(VHT20)\_HCH\_5825MHz\_Ant1\_NTNV



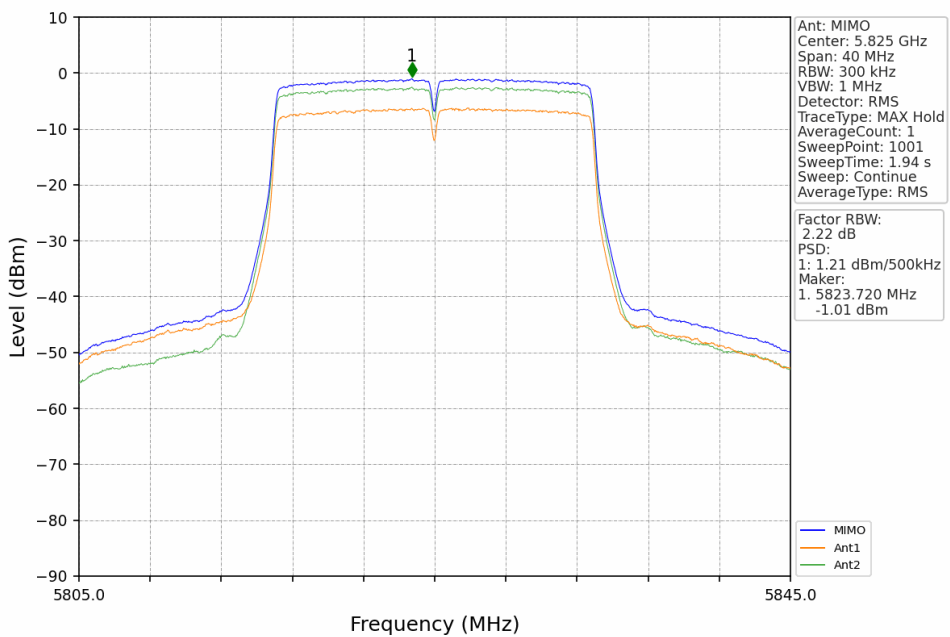
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802.11ac(VHT20)\_HCH\_5825MHz\_Ant2\_NTNV



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

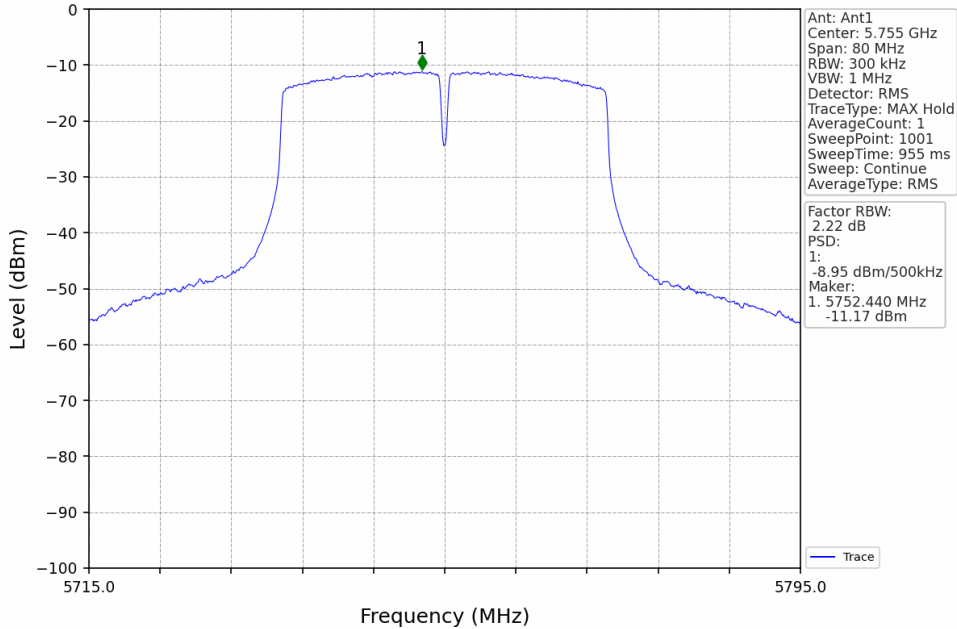


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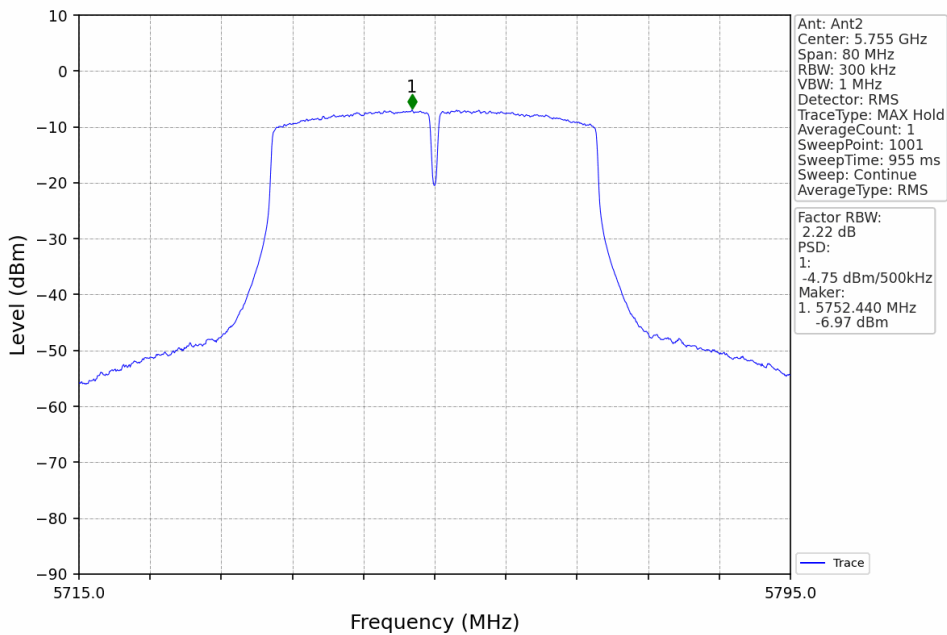
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802.11ac(VHT40)\_LCH\_5755MHz\_Ant1\_NTNV



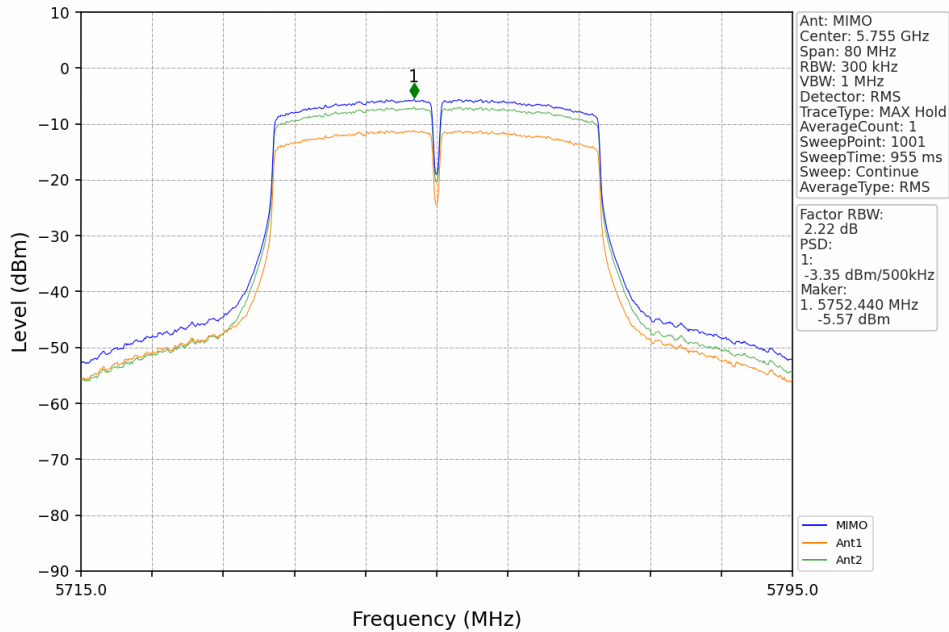
802.11ac(VHT40)\_LCH\_5755MHz\_Ant2\_NTNV



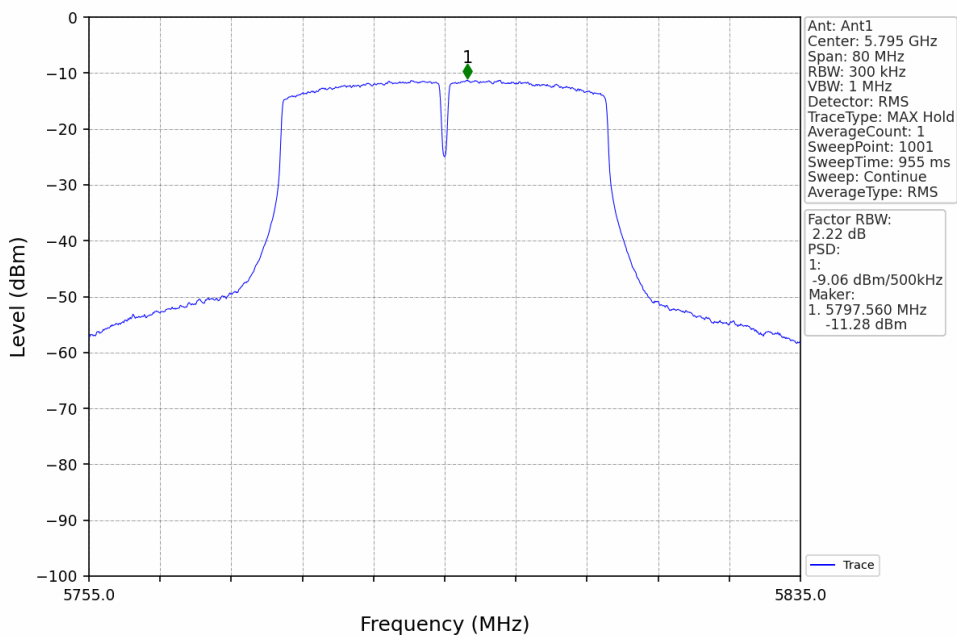
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### 802.11ac(VHT40)\_LCH\_5755MHz\_MIMO\_NTNV



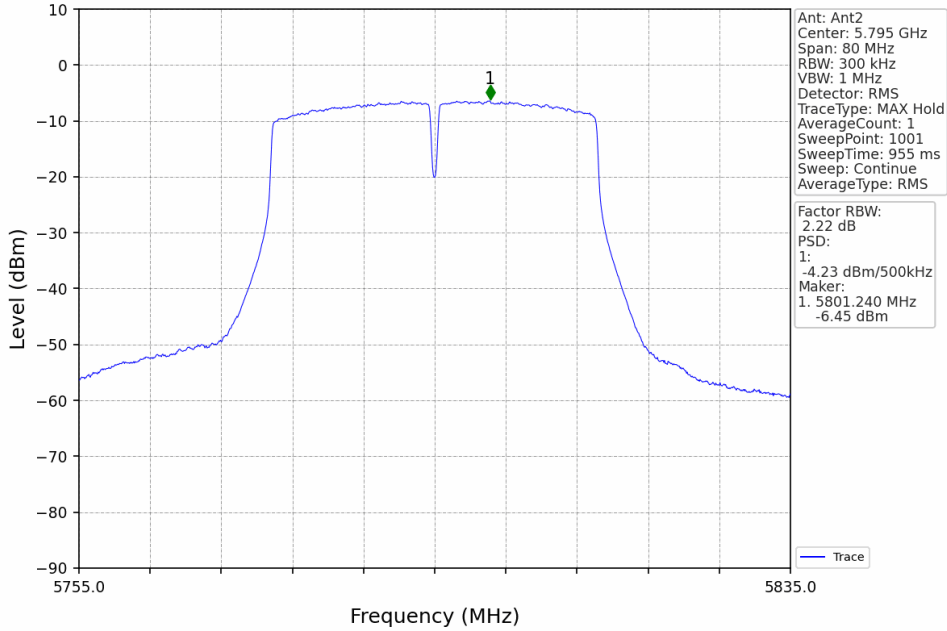
### 802.11ac(VHT40)\_HCH\_5795MHz\_Ant1\_NTNV



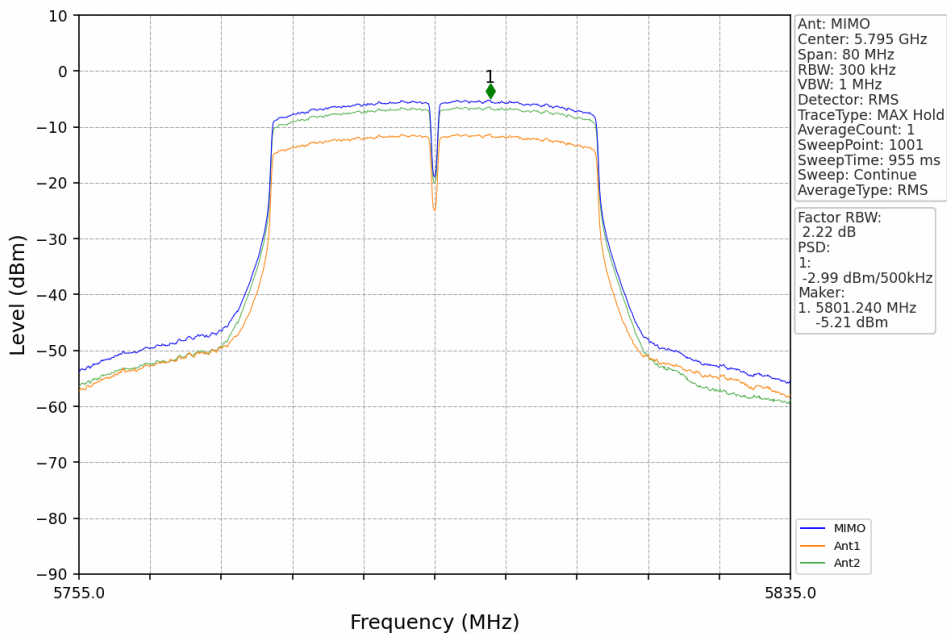
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802.11ac(VHT40)\_HCH\_5795MHz\_Ant2\_NTNV



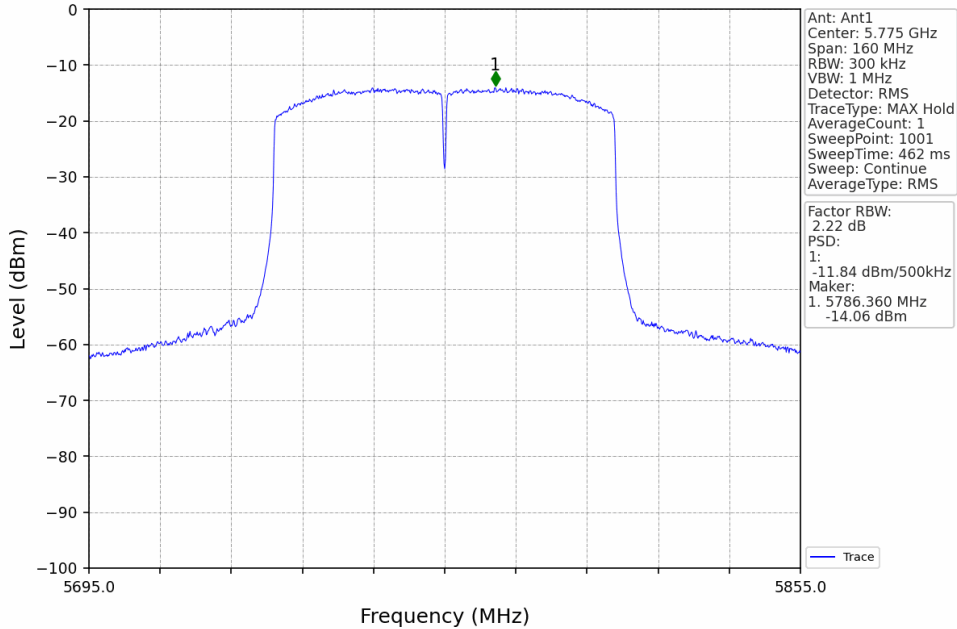
802.11ac(VHT40)\_HCH\_5795MHz\_MIMO\_NTNV



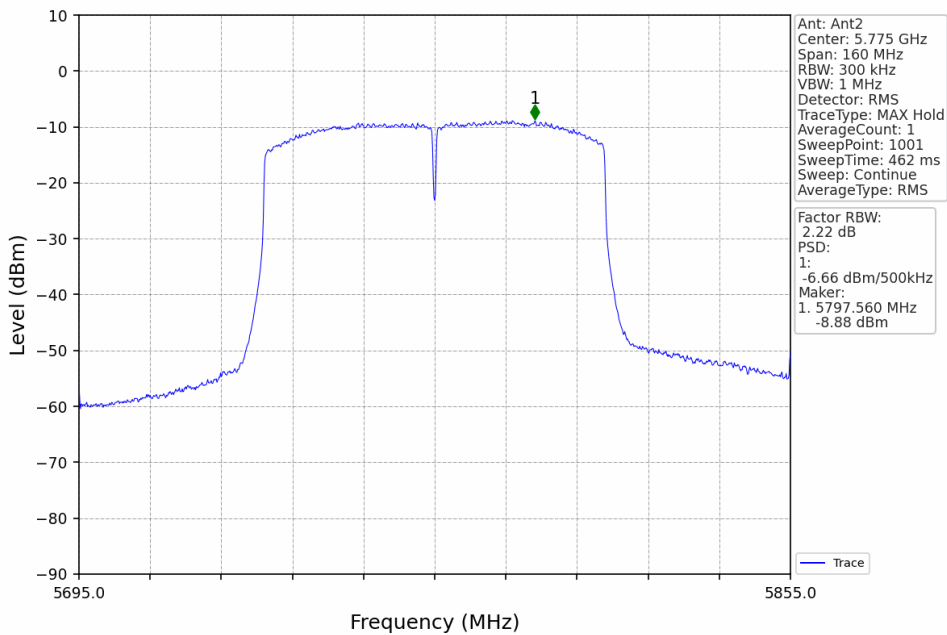
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802.11ac(VHT80)\_MCH\_5775MHz\_Ant1\_NTNV

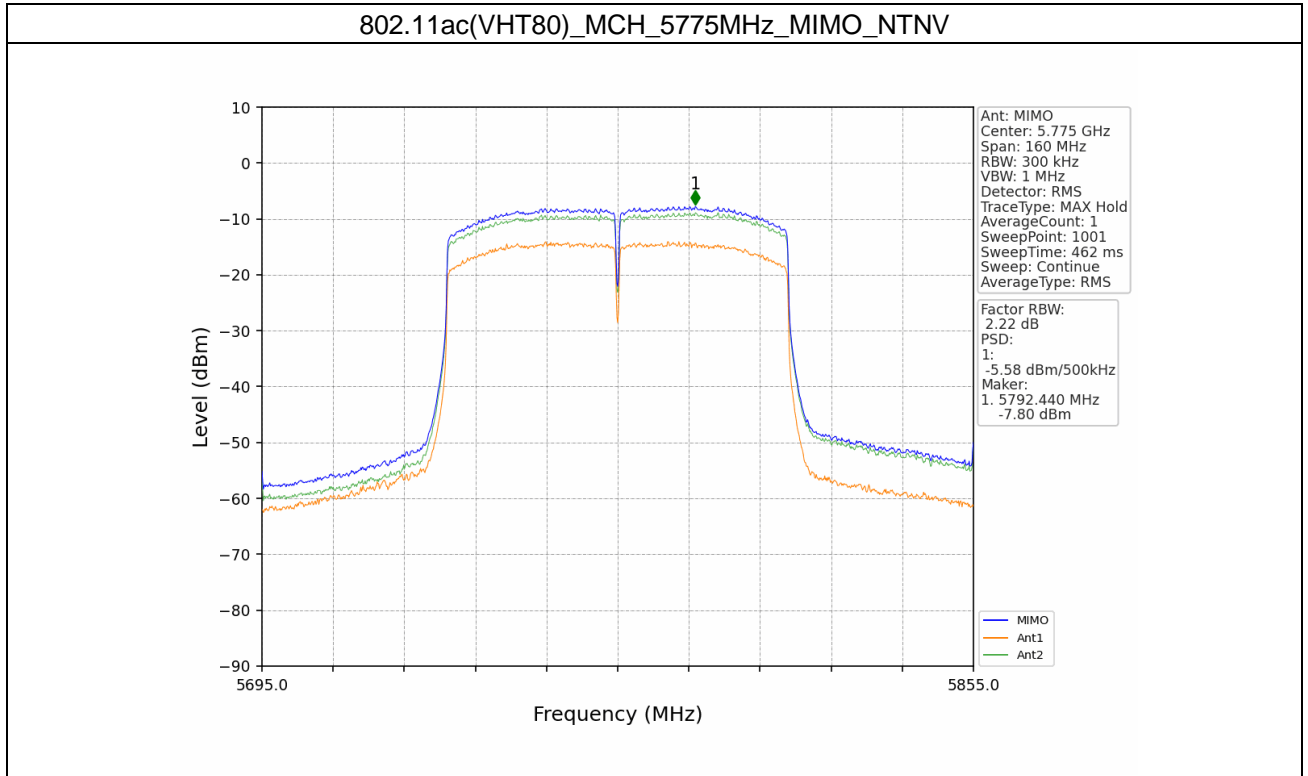


802.11ac(VHT80)\_MCH\_5775MHz\_Ant2\_NTNV



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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	5180.020	5150 to 5250	Pass
				120	5180.020	5150 to 5250	Pass
				138	5180.020	5150 to 5250	Pass
			-30	120	5180.040	5150 to 5250	Pass
			-20	120	5180.040	5150 to 5250	Pass
			-10	120	5180.040	5150 to 5250	Pass
			0	120	5180.040	5150 to 5250	Pass
			10	120	5180.040	5150 to 5250	Pass
			30	120	5180.040	5150 to 5250	Pass
		40	120	5180.020	5150 to 5250	Pass	
		50	120	5180.000	5150 to 5250	Pass	
		5200	20	102	5200.020	5150 to 5250	Pass
				120	5200.040	5150 to 5250	Pass
				138	5200.060	5150 to 5250	Pass
			-30	120	5200.020	5150 to 5250	Pass
			-20	120	5200.040	5150 to 5250	Pass
			-10	120	5200.040	5150 to 5250	Pass
			0	120	5200.040	5150 to 5250	Pass
			10	120	5200.040	5150 to 5250	Pass
			30	120	5200.040	5150 to 5250	Pass
		40	120	5200.060	5150 to 5250	Pass	
		50	120	5200.040	5150 to 5250	Pass	
		5240	20	102	5240.060	5150 to 5250	Pass
				120	5240.060	5150 to 5250	Pass
				138	5240.020	5150 to 5250	Pass
			-30	120	5240.060	5150 to 5250	Pass
			-20	120	5240.020	5150 to 5250	Pass
-10	120		5240.040	5150 to 5250	Pass		
0	120	5240.060	5150 to 5250	Pass			



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SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR220700026805

Page: 418 of 436

				10	120	5240.040	5150 to 5250	Pass	
				30	120	5240.060	5150 to 5250	Pass	
				40	120	5240.040	5150 to 5250	Pass	
				50	120	5240.040	5150 to 5250	Pass	
				5260	20	102	5260.080	5250 to 5350	Pass
						120	5260.040	5250 to 5350	Pass
						138	5260.060	5250 to 5350	Pass
					-30	120	5260.040	5250 to 5350	Pass
					-20	120	5260.060	5250 to 5350	Pass
					-10	120	5260.040	5250 to 5350	Pass
					0	120	5260.040	5250 to 5350	Pass
					10	120	5260.060	5250 to 5350	Pass
					30	120	5260.080	5250 to 5350	Pass
					40	120	5260.040	5250 to 5350	Pass
					50	120	5260.060	5250 to 5350	Pass
					5300	20	102	5300.040	5250 to 5350
				120			5300.040	5250 to 5350	Pass
				138			5300.060	5250 to 5350	Pass
				-30		120	5300.060	5250 to 5350	Pass
				-20		120	5300.060	5250 to 5350	Pass
				-10		120	5300.040	5250 to 5350	Pass
				0		120	5300.020	5250 to 5350	Pass
				10		120	5300.040	5250 to 5350	Pass
				30		120	5300.060	5250 to 5350	Pass
				40		120	5300.040	5250 to 5350	Pass
				50	120	5300.040	5250 to 5350	Pass	
				5320	20	102	5320.020	5250 to 5350	Pass
						120	5320.040	5250 to 5350	Pass
						138	5320.040	5250 to 5350	Pass
					-30	120	5320.040	5250 to 5350	Pass
					-20	120	5320.040	5250 to 5350	Pass
					-10	120	5320.040	5250 to 5350	Pass
					0	120	5320.040	5250 to 5350	Pass
10	120	5320.020	5250 to 5350		Pass				
30	120	5320.060	5250 to 5350		Pass				
40	120	5320.040	5250 to 5350		Pass				
50	120	5320.040	5250 to 5350	Pass					
5500	20	102	5500.060	5470 to 5725	Pass				
		120	5500.060	5470 to 5725	Pass				



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SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR220700026805

Page: 419 of 436

			138	5500.060	5470 to 5725	Pass	
		-30	120	5500.080	5470 to 5725	Pass	
		-20	120	5500.040	5470 to 5725	Pass	
		-10	120	5500.060	5470 to 5725	Pass	
		0	120	5500.060	5470 to 5725	Pass	
		10	120	5500.060	5470 to 5725	Pass	
		30	120	5500.040	5470 to 5725	Pass	
		40	120	5500.060	5470 to 5725	Pass	
		50	120	5500.040	5470 to 5725	Pass	
	5580	20	102	5580.040	5470 to 5725	Pass	
			120	5580.060	5470 to 5725	Pass	
			138	5580.080	5470 to 5725	Pass	
			-30	120	5580.080	5470 to 5725	Pass
			-20	120	5580.060	5470 to 5725	Pass
			-10	120	5580.040	5470 to 5725	Pass
			0	120	5580.060	5470 to 5725	Pass
			10	120	5580.060	5470 to 5725	Pass
			30	120	5580.080	5470 to 5725	Pass
			40	120	5580.060	5470 to 5725	Pass
			50	120	5580.040	5470 to 5725	Pass
		5700	20	102	5700.060	5470 to 5725	Pass
	120			5700.020	5470 to 5725	Pass	
	138			5700.060	5470 to 5725	Pass	
			-30	120	5700.060	5470 to 5725	Pass
			-20	120	5700.060	5470 to 5725	Pass
			-10	120	5700.060	5470 to 5725	Pass
			0	120	5700.040	5470 to 5725	Pass
			10	120	5700.020	5470 to 5725	Pass
			30	120	5700.040	5470 to 5725	Pass
			40	120	5700.060	5470 to 5725	Pass
		50	120	5700.040	5470 to 5725	Pass	
	5745	20	102	5745.080	5725 to 5850	Pass	
			120	5745.080	5725 to 5850	Pass	
			138	5745.080	5725 to 5850	Pass	
			-30	120	5745.060	5725 to 5850	Pass
			-20	120	5745.080	5725 to 5850	Pass
			-10	120	5745.060	5725 to 5850	Pass
			0	120	5745.080	5725 to 5850	Pass
			10	120	5745.060	5725 to 5850	Pass



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SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR220700026805

Page: 420 of 436

			30	120	5745.060	5725 to 5850	Pass	
			40	120	5745.080	5725 to 5850	Pass	
			50	120	5745.080	5725 to 5850	Pass	
			5785	20	102	5785.020	5725 to 5850	Pass
					120	5785.000	5725 to 5850	Pass
					138	5785.040	5725 to 5850	Pass
				-30	120	5785.040	5725 to 5850	Pass
				-20	120	5785.020	5725 to 5850	Pass
				-10	120	5785.020	5725 to 5850	Pass
				0	120	5785.040	5725 to 5850	Pass
				10	120	5785.040	5725 to 5850	Pass
				30	120	5785.020	5725 to 5850	Pass
				40	120	5785.040	5725 to 5850	Pass
			50	120	5785.020	5725 to 5850	Pass	
			5825	20	102	5825.040	5725 to 5850	Pass
					120	5825.020	5725 to 5850	Pass
					138	5825.020	5725 to 5850	Pass
				-30	120	5825.040	5725 to 5850	Pass
				-20	120	5825.040	5725 to 5850	Pass
				-10	120	5825.040	5725 to 5850	Pass
0	120	5825.060		5725 to 5850	Pass			
10	120	5825.040		5725 to 5850	Pass			
30	120	5825.060		5725 to 5850	Pass			
40	120	5825.020		5725 to 5850	Pass			
50	120	5825.020	5725 to 5850	Pass				
802.11n (HT20)	MIMO	5180	20	102	5180.000	5150 to 5250	Pass	
				120	5180.020	5150 to 5250	Pass	
				138	5180.020	5150 to 5250	Pass	
			-30	120	5180.020	5150 to 5250	Pass	
			-20	120	5180.000	5150 to 5250	Pass	
			-10	120	5180.020	5150 to 5250	Pass	
			0	120	5180.040	5150 to 5250	Pass	
			10	120	5180.040	5150 to 5250	Pass	
			30	120	5180.020	5150 to 5250	Pass	
			40	120	5180.020	5150 to 5250	Pass	
		50	120	5180.040	5150 to 5250	Pass		
		5200	20	102	5200.020	5150 to 5250	Pass	
				120	5200.000	5150 to 5250	Pass	
				138	5200.020	5150 to 5250	Pass	



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# Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR220700026805

Page: 421 of 436

			-30	120	5200.020	5150 to 5250	Pass	
			-20	120	5200.020	5150 to 5250	Pass	
			-10	120	5200.020	5150 to 5250	Pass	
			0	120	5200.020	5150 to 5250	Pass	
			10	120	5200.000	5150 to 5250	Pass	
			30	120	5200.000	5150 to 5250	Pass	
			40	120	5200.020	5150 to 5250	Pass	
			50	120	5200.020	5150 to 5250	Pass	
		5240	20	102	5240.020	5150 to 5250	Pass	
				120	5240.020	5150 to 5250	Pass	
				138	5240.040	5150 to 5250	Pass	
				-30	120	5240.020	5150 to 5250	Pass
				-20	120	5240.000	5150 to 5250	Pass
				-10	120	5240.020	5150 to 5250	Pass
				0	120	5240.000	5150 to 5250	Pass
				10	120	5240.020	5150 to 5250	Pass
				30	120	5240.040	5150 to 5250	Pass
				40	120	5240.020	5150 to 5250	Pass
				50	120	5240.000	5150 to 5250	Pass
			5260	20	102	5260.000	5250 to 5350	Pass
		120			5260.020	5250 to 5350	Pass	
		138			5260.020	5250 to 5350	Pass	
				-30	120	5260.020	5250 to 5350	Pass
				-20	120	5260.020	5250 to 5350	Pass
				-10	120	5260.020	5250 to 5350	Pass
				0	120	5260.020	5250 to 5350	Pass
				10	120	5260.040	5250 to 5350	Pass
				30	120	5260.000	5250 to 5350	Pass
				40	120	5260.020	5250 to 5350	Pass
			50	120	5260.020	5250 to 5350	Pass	
		5300	20	102	5300.020	5250 to 5350	Pass	
				120	5300.020	5250 to 5350	Pass	
				138	5300.020	5250 to 5350	Pass	
				-30	120	5300.040	5250 to 5350	Pass
				-20	120	5300.040	5250 to 5350	Pass
				-10	120	5300.040	5250 to 5350	Pass
				0	120	5300.040	5250 to 5350	Pass
				10	120	5300.020	5250 to 5350	Pass
			30	120	5300.020	5250 to 5350	Pass	



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# Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR220700026805

Page: 422 of 436

			40	120	5300.040	5250 to 5350	Pass		
			50	120	5300.040	5250 to 5350	Pass		
			20	102	5320.020	5250 to 5350	Pass		
				120	5320.020	5250 to 5350	Pass		
			5320	138	5320.040	5250 to 5350	Pass		
				-30	120	5320.000	5250 to 5350	Pass	
				-20	120	5320.040	5250 to 5350	Pass	
				-10	120	5320.020	5250 to 5350	Pass	
				0	120	5320.040	5250 to 5350	Pass	
				10	120	5320.040	5250 to 5350	Pass	
				30	120	5320.040	5250 to 5350	Pass	
				40	120	5320.000	5250 to 5350	Pass	
				50	120	5320.020	5250 to 5350	Pass	
				5500	20	102	5500.020	5470 to 5725	Pass
						120	5500.040	5470 to 5725	Pass
			138			5500.020	5470 to 5725	Pass	
			-30		120	5500.040	5470 to 5725	Pass	
			-20		120	5500.040	5470 to 5725	Pass	
			-10		120	5500.040	5470 to 5725	Pass	
			0		120	5500.040	5470 to 5725	Pass	
			10		120	5500.040	5470 to 5725	Pass	
			30		120	5500.040	5470 to 5725	Pass	
			40		120	5500.040	5470 to 5725	Pass	
			50		120	5500.020	5470 to 5725	Pass	
			5580	20	102	5580.020	5470 to 5725	Pass	
					120	5580.040	5470 to 5725	Pass	
					138	5580.000	5470 to 5725	Pass	
				-30	120	5580.020	5470 to 5725	Pass	
				-20	120	5580.040	5470 to 5725	Pass	
				-10	120	5580.040	5470 to 5725	Pass	
				0	120	5580.020	5470 to 5725	Pass	
				10	120	5580.040	5470 to 5725	Pass	
				30	120	5580.020	5470 to 5725	Pass	
40	120	5580.020		5470 to 5725	Pass				
50	120	5580.040	5470 to 5725	Pass					
5700	20	102	5700.000	5470 to 5725	Pass				
		120	5700.040	5470 to 5725	Pass				
		138	5700.020	5470 to 5725	Pass				
	-30	120	5700.040	5470 to 5725	Pass				



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# Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR220700026805

Page: 423 of 436

				-20	120	5700.040	5470 to 5725	Pass	
				-10	120	5700.060	5470 to 5725	Pass	
				0	120	5700.020	5470 to 5725	Pass	
				10	120	5700.020	5470 to 5725	Pass	
				30	120	5700.040	5470 to 5725	Pass	
				40	120	5700.040	5470 to 5725	Pass	
				50	120	5700.040	5470 to 5725	Pass	
				5745	20	102	5745.040	5725 to 5850	Pass
						120	5745.040	5725 to 5850	Pass
						138	5745.040	5725 to 5850	Pass
					-30	120	5745.040	5725 to 5850	Pass
					-20	120	5745.020	5725 to 5850	Pass
					-10	120	5745.040	5725 to 5850	Pass
					0	120	5745.040	5725 to 5850	Pass
					10	120	5745.040	5725 to 5850	Pass
					30	120	5745.040	5725 to 5850	Pass
					40	120	5745.020	5725 to 5850	Pass
					50	120	5745.040	5725 to 5850	Pass
					5785	20	102	5785.040	5725 to 5850
				120			5785.040	5725 to 5850	Pass
				138			5785.020	5725 to 5850	Pass
				-30		120	5785.020	5725 to 5850	Pass
				-20		120	5785.020	5725 to 5850	Pass
				-10		120	5785.040	5725 to 5850	Pass
				0		120	5785.020	5725 to 5850	Pass
				10		120	5785.020	5725 to 5850	Pass
				30		120	5785.020	5725 to 5850	Pass
				40		120	5785.040	5725 to 5850	Pass
				50		120	5785.020	5725 to 5850	Pass
				5825		20	102	5825.040	5725 to 5850
					120		5825.060	5725 to 5850	Pass
					138		5825.020	5725 to 5850	Pass
					-30	120	5825.060	5725 to 5850	Pass
					-20	120	5825.040	5725 to 5850	Pass
					-10	120	5825.020	5725 to 5850	Pass
					0	120	5825.040	5725 to 5850	Pass
10	120	5825.020	5725 to 5850		Pass				
30	120	5825.000	5725 to 5850		Pass				
40	120	5825.020	5725 to 5850		Pass				



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# Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR220700026805

Page: 424 of 436

802.11n (HT40)	MIMO	5190	50	120	5825.020	5725 to 5850	Pass	
			20		102	5190.040	5150 to 5250	Pass
					120	5190.040	5150 to 5250	Pass
					138	5190.000	5150 to 5250	Pass
					120	5190.040	5150 to 5250	Pass
			-30	120	5190.040	5150 to 5250	Pass	
			-20	120	5190.040	5150 to 5250	Pass	
			-10	120	5190.040	5150 to 5250	Pass	
			0	120	5190.040	5150 to 5250	Pass	
			10	120	5190.000	5150 to 5250	Pass	
		30	120	5190.040	5150 to 5250	Pass		
		40	120	5190.040	5150 to 5250	Pass		
		50	120	5190.040	5150 to 5250	Pass		
		5230	20		102	5230.080	5150 to 5250	Pass
					120	5230.040	5150 to 5250	Pass
					138	5230.040	5150 to 5250	Pass
			-30	120	5230.040	5150 to 5250	Pass	
			-20	120	5230.040	5150 to 5250	Pass	
			-10	120	5230.040	5150 to 5250	Pass	
			0	120	5230.040	5150 to 5250	Pass	
			10	120	5230.080	5150 to 5250	Pass	
			30	120	5230.080	5150 to 5250	Pass	
			40	120	5230.040	5150 to 5250	Pass	
		50	120	5230.080	5150 to 5250	Pass		
		5270	20		102	5270.080	5250 to 5350	Pass
					120	5270.040	5250 to 5350	Pass
					138	5270.000	5250 to 5350	Pass
			-30	120	5270.040	5250 to 5350	Pass	
			-20	120	5270.080	5250 to 5350	Pass	
			-10	120	5270.040	5250 to 5350	Pass	
			0	120	5270.040	5250 to 5350	Pass	
			10	120	5270.080	5250 to 5350	Pass	
			30	120	5270.080	5250 to 5350	Pass	
			40	120	5270.040	5250 to 5350	Pass	
		50	120	5270.080	5250 to 5350	Pass		
		5310	20		102	5310.040	5250 to 5350	Pass
					120	5310.040	5250 to 5350	Pass
					138	5310.000	5250 to 5350	Pass
			-30	120	5309.960	5250 to 5350	Pass	
			-20	120	5310.000	5250 to 5350	Pass	



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# Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR220700026805

Page: 425 of 436

			-10	120	5310.040	5250 to 5350	Pass	
			0	120	5310.000	5250 to 5350	Pass	
			10	120	5310.040	5250 to 5350	Pass	
			30	120	5310.000	5250 to 5350	Pass	
			40	120	5310.040	5250 to 5350	Pass	
			50	120	5310.000	5250 to 5350	Pass	
		5510	20	102	5510.080	5470 to 5725	Pass	
				120	5510.080	5470 to 5725	Pass	
				138	5510.120	5470 to 5725	Pass	
				-30	120	5510.000	5470 to 5725	Pass
				-20	120	5510.080	5470 to 5725	Pass
				-10	120	5510.040	5470 to 5725	Pass
				0	120	5510.120	5470 to 5725	Pass
				10	120	5510.080	5470 to 5725	Pass
				30	120	5510.080	5470 to 5725	Pass
				40	120	5510.040	5470 to 5725	Pass
				50	120	5510.120	5470 to 5725	Pass
			5550	20	102	5550.000	5470 to 5725	Pass
					120	5550.040	5470 to 5725	Pass
		138			5550.000	5470 to 5725	Pass	
				-30	120	5550.000	5470 to 5725	Pass
				-20	120	5550.080	5470 to 5725	Pass
				-10	120	5549.960	5470 to 5725	Pass
				0	120	5550.000	5470 to 5725	Pass
				10	120	5550.000	5470 to 5725	Pass
				30	120	5550.000	5470 to 5725	Pass
				40	120	5550.040	5470 to 5725	Pass
			50	120	5550.000	5470 to 5725	Pass	
		5670	20	102	5670.040	5470 to 5725	Pass	
				120	5670.000	5470 to 5725	Pass	
				138	5669.960	5470 to 5725	Pass	
				-30	120	5670.000	5470 to 5725	Pass
				-20	120	5670.080	5470 to 5725	Pass
				-10	120	5670.040	5470 to 5725	Pass
				0	120	5669.960	5470 to 5725	Pass
				10	120	5670.120	5470 to 5725	Pass
				30	120	5670.040	5470 to 5725	Pass
				40	120	5670.040	5470 to 5725	Pass
			50	120	5670.040	5470 to 5725	Pass	



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SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR220700026805

Page: 426 of 436

		5755	20	102	5755.080	5725 to 5850	Pass
				120	5755.080	5725 to 5850	Pass
				138	5755.040	5725 to 5850	Pass
			-30	120	5755.080	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	5755.040	5725 to 5850	Pass
		40	120	5755.080	5725 to 5850	Pass	
		50	120	5755.040	5725 to 5850	Pass	
		5795	20	102	5795.040	5725 to 5850	Pass
				120	5795.080	5725 to 5850	Pass
				138	5794.960	5725 to 5850	Pass
			-30	120	5795.040	5725 to 5850	Pass
			-20	120	5795.080	5725 to 5850	Pass
			-10	120	5795.040	5725 to 5850	Pass
			0	120	5795.040	5725 to 5850	Pass
10	120		5795.120	5725 to 5850	Pass		
30	120		5795.040	5725 to 5850	Pass		
40	120	5795.080	5725 to 5850	Pass			
50	120	5795.080	5725 to 5850	Pass			
802.11ac (VHT20)	MIMO	5180	20	102	5180.020	5150 to 5250	Pass
				120	5180.000	5150 to 5250	Pass
				138	5180.000	5150 to 5250	Pass
			-30	120	5180.020	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	5200.020	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	5200.000	5150 to 5250	Pass
			-10	120	5200.000	5150 to 5250	Pass



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# Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR220700026805

Page: 427 of 436

			0	120	5200.020	5150 to 5250	Pass	
			10	120	5200.000	5150 to 5250	Pass	
			30	120	5200.000	5150 to 5250	Pass	
			40	120	5199.980	5150 to 5250	Pass	
			50	120	5200.020	5150 to 5250	Pass	
	5240	20		102	5240.000	5150 to 5250	Pass	
				120	5240.020	5150 to 5250	Pass	
				138	5240.000	5150 to 5250	Pass	
				-30	120	5240.020	5150 to 5250	Pass
				-20	120	5240.020	5150 to 5250	Pass
				-10	120	5240.020	5150 to 5250	Pass
				0	120	5240.040	5150 to 5250	Pass
				10	120	5240.000	5150 to 5250	Pass
				30	120	5240.020	5150 to 5250	Pass
				40	120	5240.000	5150 to 5250	Pass
				50	120	5240.020	5150 to 5250	Pass
		5260	20		102	5260.000	5250 to 5350	Pass
					120	5260.020	5250 to 5350	Pass
				138	5260.020	5250 to 5350	Pass	
				-30	120	5260.020	5250 to 5350	Pass
				-20	120	5260.000	5250 to 5350	Pass
				-10	120	5260.000	5250 to 5350	Pass
				0	120	5260.000	5250 to 5350	Pass
				10	120	5260.000	5250 to 5350	Pass
				30	120	5260.020	5250 to 5350	Pass
				40	120	5260.000	5250 to 5350	Pass
	5300	20		102	5300.020	5250 to 5350	Pass	
				120	5300.020	5250 to 5350	Pass	
				138	5300.020	5250 to 5350	Pass	
				-30	120	5300.000	5250 to 5350	Pass
				-20	120	5299.980	5250 to 5350	Pass
				-10	120	5300.000	5250 to 5350	Pass
				0	120	5300.020	5250 to 5350	Pass
				10	120	5299.960	5250 to 5350	Pass
				30	120	5300.000	5250 to 5350	Pass
				40	120	5299.980	5250 to 5350	Pass
	5320	20		102	5320.000	5250 to 5350	Pass	



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# Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR220700026805

Page: 428 of 436

				120	5319.980	5250 to 5350	Pass					
				138	5319.980	5250 to 5350	Pass					
				-30	120	5320.000	5250 to 5350	Pass				
				-20	120	5319.980	5250 to 5350	Pass				
				-10	120	5320.020	5250 to 5350	Pass				
				0	120	5319.980	5250 to 5350	Pass				
				10	120	5320.020	5250 to 5350	Pass				
				30	120	5319.980	5250 to 5350	Pass				
				40	120	5320.000	5250 to 5350	Pass				
				50	120	5319.980	5250 to 5350	Pass				
				5500				102	5500.000	5470 to 5725	Pass	
								120	5500.060	5470 to 5725	Pass	
								138	5500.060	5470 to 5725	Pass	
								-30	120	5500.000	5470 to 5725	Pass
								-20	120	5500.020	5470 to 5725	Pass
								-10	120	5500.020	5470 to 5725	Pass
								0	120	5500.000	5470 to 5725	Pass
								10	120	5500.020	5470 to 5725	Pass
								30	120	5500.040	5470 to 5725	Pass
								40	120	5500.020	5470 to 5725	Pass
								50	120	5500.020	5470 to 5725	Pass
								5580				102
				120	5580.000	5470 to 5725	Pass					
				138	5580.000	5470 to 5725	Pass					
				-30	120	5579.980	5470 to 5725					Pass
				-20	120	5580.020	5470 to 5725					Pass
				-10	120	5579.960	5470 to 5725					Pass
				0	120	5579.980	5470 to 5725					Pass
				10	120	5580.000	5470 to 5725					Pass
				30	120	5580.020	5470 to 5725					Pass
				40	120	5579.980	5470 to 5725					Pass
				5700				102	5700.020	5470 to 5725	Pass	
								120	5700.040	5470 to 5725	Pass	
138	5700.020	5470 to 5725	Pass									
-30	120	5700.020	5470 to 5725					Pass				
-20	120	5699.980	5470 to 5725					Pass				
-10	120	5700.000	5470 to 5725					Pass				
0	120	5700.040	5470 to 5725					Pass				



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# Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR220700026805

Page: 429 of 436

			10	120	5700.020	5470 to 5725	Pass	
			30	120	5700.020	5470 to 5725	Pass	
			40	120	5700.040	5470 to 5725	Pass	
			50	120	5700.040	5470 to 5725	Pass	
			5745	20	102	5745.020	5725 to 5850	Pass
					120	5744.980	5725 to 5850	Pass
					138	5744.980	5725 to 5850	Pass
				-30	120	5745.040	5725 to 5850	Pass
				-20	120	5745.000	5725 to 5850	Pass
				-10	120	5745.000	5725 to 5850	Pass
				0	120	5744.960	5725 to 5850	Pass
				10	120	5745.000	5725 to 5850	Pass
				30	120	5745.000	5725 to 5850	Pass
				40	120	5744.960	5725 to 5850	Pass
				50	120	5745.000	5725 to 5850	Pass
				5785	20	102	5785.040	5725 to 5850
			120			5785.000	5725 to 5850	Pass
			138			5784.960	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	5785.040	5725 to 5850	Pass
			10		120	5785.000	5725 to 5850	Pass
			30		120	5785.000	5725 to 5850	Pass
			40		120	5784.980	5725 to 5850	Pass
			50	120	5785.000	5725 to 5850	Pass	
			5825	20	102	5825.020	5725 to 5850	Pass
					120	5825.000	5725 to 5850	Pass
					138	5825.000	5725 to 5850	Pass
				-30	120	5825.040	5725 to 5850	Pass
				-20	120	5825.040	5725 to 5850	Pass
				-10	120	5825.040	5725 to 5850	Pass
				0	120	5825.040	5725 to 5850	Pass
				10	120	5825.040	5725 to 5850	Pass
				30	120	5825.000	5725 to 5850	Pass
				40	120	5824.980	5725 to 5850	Pass
50	120	5825.040	5725 to 5850	Pass				
802.11ac (VHT40)	MIMO	5190	20	102	5190.040	5150 to 5250	Pass	
			120	5190.040	5150 to 5250	Pass		



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SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR220700026805

Page: 430 of 436

			138	5190.040	5150 to 5250	Pass	
		-30	120	5190.000	5150 to 5250	Pass	
		-20	120	5190.000	5150 to 5250	Pass	
		-10	120	5190.040	5150 to 5250	Pass	
		0	120	5190.040	5150 to 5250	Pass	
		10	120	5190.000	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	20	102	5230.080	5150 to 5250	Pass	
			120	5230.040	5150 to 5250	Pass	
			138	5230.040	5150 to 5250	Pass	
			-30	120	5230.080	5150 to 5250	Pass
			-20	120	5230.080	5150 to 5250	Pass
			-10	120	5230.040	5150 to 5250	Pass
			0	120	5230.040	5150 to 5250	Pass
			10	120	5230.040	5150 to 5250	Pass
			30	120	5230.080	5150 to 5250	Pass
			40	120	5230.040	5150 to 5250	Pass
			50	120	5230.040	5150 to 5250	Pass
		5270	20	102	5270.040	5250 to 5350	Pass
	120			5270.040	5250 to 5350	Pass	
	138			5270.080	5250 to 5350	Pass	
			-30	120	5270.080	5250 to 5350	Pass
			-20	120	5270.040	5250 to 5350	Pass
			-10	120	5270.080	5250 to 5350	Pass
			0	120	5270.040	5250 to 5350	Pass
			10	120	5270.040	5250 to 5350	Pass
			30	120	5270.080	5250 to 5350	Pass
			40	120	5270.080	5250 to 5350	Pass
		50	120	5270.040	5250 to 5350	Pass	
	5310	20	102	5310.040	5250 to 5350	Pass	
			120	5310.040	5250 to 5350	Pass	
			138	5310.080	5250 to 5350	Pass	
			-30	120	5310.040	5250 to 5350	Pass
			-20	120	5310.080	5250 to 5350	Pass
			-10	120	5310.080	5250 to 5350	Pass
			0	120	5310.080	5250 to 5350	Pass
		10	120	5310.080	5250 to 5350	Pass	



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SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR220700026805

Page: 431 of 436

			30	120	5310.080	5250 to 5350	Pass	
			40	120	5310.040	5250 to 5350	Pass	
			50	120	5310.040	5250 to 5350	Pass	
			5510	20	102	5510.080	5470 to 5725	Pass
					120	5510.160	5470 to 5725	Pass
					138	5510.080	5470 to 5725	Pass
				-30	120	5510.080	5470 to 5725	Pass
				-20	120	5510.120	5470 to 5725	Pass
				-10	120	5510.080	5470 to 5725	Pass
				0	120	5510.080	5470 to 5725	Pass
				10	120	5510.080	5470 to 5725	Pass
				30	120	5510.080	5470 to 5725	Pass
				40	120	5510.120	5470 to 5725	Pass
				50	120	5510.080	5470 to 5725	Pass
			5550	20	102	5550.080	5470 to 5725	Pass
					120	5550.040	5470 to 5725	Pass
					138	5550.040	5470 to 5725	Pass
				-30	120	5550.080	5470 to 5725	Pass
				-20	120	5550.040	5470 to 5725	Pass
				-10	120	5550.080	5470 to 5725	Pass
				0	120	5550.040	5470 to 5725	Pass
				10	120	5550.080	5470 to 5725	Pass
				30	120	5550.040	5470 to 5725	Pass
				40	120	5550.080	5470 to 5725	Pass
				50	120	5550.000	5470 to 5725	Pass
			5670	20	102	5670.040	5470 to 5725	Pass
					120	5670.080	5470 to 5725	Pass
					138	5670.040	5470 to 5725	Pass
				-30	120	5670.080	5470 to 5725	Pass
				-20	120	5670.080	5470 to 5725	Pass
-10	120	5670.040		5470 to 5725	Pass			
0	120	5670.080		5470 to 5725	Pass			
10	120	5670.160		5470 to 5725	Pass			
30	120	5670.040		5470 to 5725	Pass			
40	120	5670.080		5470 to 5725	Pass			
50	120	5670.040		5470 to 5725	Pass			
5755	20	102	5755.040	5725 to 5850	Pass			
		120	5755.040	5725 to 5850	Pass			
		138	5755.080	5725 to 5850	Pass			



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SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR220700026805

Page: 432 of 436

			-30	120	5755.080	5725 to 5850	Pass	
			-20	120	5755.000	5725 to 5850	Pass	
			-10	120	5755.080	5725 to 5850	Pass	
			0	120	5755.080	5725 to 5850	Pass	
			10	120	5755.080	5725 to 5850	Pass	
			30	120	5755.080	5725 to 5850	Pass	
			40	120	5755.040	5725 to 5850	Pass	
			50	120	5755.080	5725 to 5850	Pass	
			5795	20	102	5795.080	5725 to 5850	Pass
					120	5795.120	5725 to 5850	Pass
					138	5795.080	5725 to 5850	Pass
				-30	120	5795.080	5725 to 5850	Pass
				-20	120	5795.040	5725 to 5850	Pass
				-10	120	5795.120	5725 to 5850	Pass
				0	120	5795.120	5725 to 5850	Pass
				10	120	5795.120	5725 to 5850	Pass
				30	120	5795.080	5725 to 5850	Pass
				40	120	5795.120	5725 to 5850	Pass
				50	120	5795.120	5725 to 5850	Pass
				802.11ac (VHT80)	MIMO	5210	20	102
120	5210.000	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	5210.075	5150 to 5250				Pass	
30	120	5210.000	5150 to 5250				Pass	
40	120	5209.925	5150 to 5250				Pass	
50	120	5210.000	5150 to 5250			Pass		
5290	20	102	5290.075			5250 to 5350	Pass	
		120	5290.075			5250 to 5350	Pass	
		138	5290.000			5250 to 5350	Pass	
	-30	120	5290.000			5250 to 5350	Pass	
	-20	120	5290.075			5250 to 5350	Pass	
	-10	120	5290.075			5250 to 5350	Pass	
	0	120	5290.075	5250 to 5350	Pass			
10	120	5290.075	5250 to 5350	Pass				
30	120	5290.075	5250 to 5350	Pass				



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# Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR220700026805

Page: 433 of 436

		5530	40	120	5290.075	5250 to 5350	Pass	
			50	120	5290.075	5250 to 5350	Pass	
			20	102	5530.000	5470 to 5725	Pass	
				120	5530.075	5470 to 5725	Pass	
			138	5530.150	5470 to 5725	Pass		
			-30	120	5530.000	5470 to 5725	Pass	
			-20	120	5530.075	5470 to 5725	Pass	
			-10	120	5530.075	5470 to 5725	Pass	
			0	120	5530.075	5470 to 5725	Pass	
			10	120	5530.150	5470 to 5725	Pass	
			30	120	5530.075	5470 to 5725	Pass	
			40	120	5530.075	5470 to 5725	Pass	
			50	120	5530.075	5470 to 5725	Pass	
			5610	20	102	5610.000	5470 to 5725	Pass
					120	5610.000	5470 to 5725	Pass
					138	5610.000	5470 to 5725	Pass
				-30	120	5610.075	5470 to 5725	Pass
				-20	120	5610.075	5470 to 5725	Pass
				-10	120	5610.000	5470 to 5725	Pass
				0	120	5610.075	5470 to 5725	Pass
				10	120	5610.075	5470 to 5725	Pass
				30	120	5610.075	5470 to 5725	Pass
				40	120	5610.000	5470 to 5725	Pass
			50	120	5610.075	5470 to 5725	Pass	
			5775	20	102	5775.075	5725 to 5850	Pass
					120	5775.075	5725 to 5850	Pass
					138	5775.075	5725 to 5850	Pass
				-30	120	5775.075	5725 to 5850	Pass
				-20	120	5775.075	5725 to 5850	Pass
				-10	120	5775.075	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	5775.075		5725 to 5850	Pass			
50	120	5775.000	5725 to 5850	Pass				



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SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR220700026805

Page: 434 of 436

## 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	Pass
	Uniform Spreading	N/A

The test plots was shown in the report below.

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

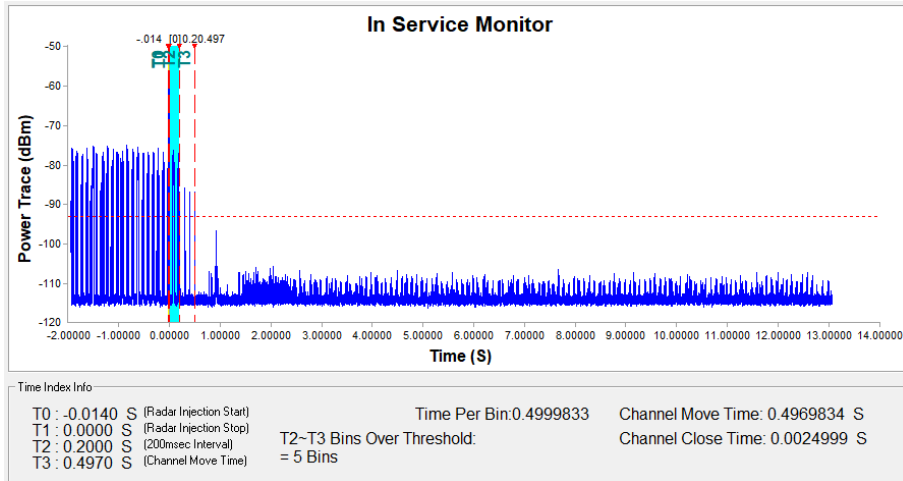
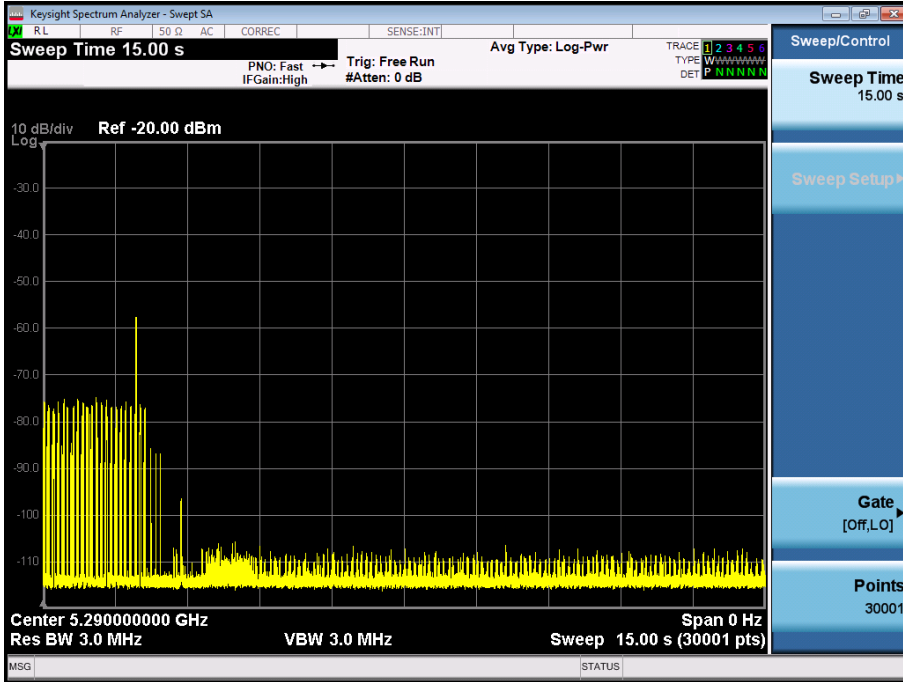
This is the master device used to test DFS FCC ID: Q87-WRT3200ACM



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### 5290MHz



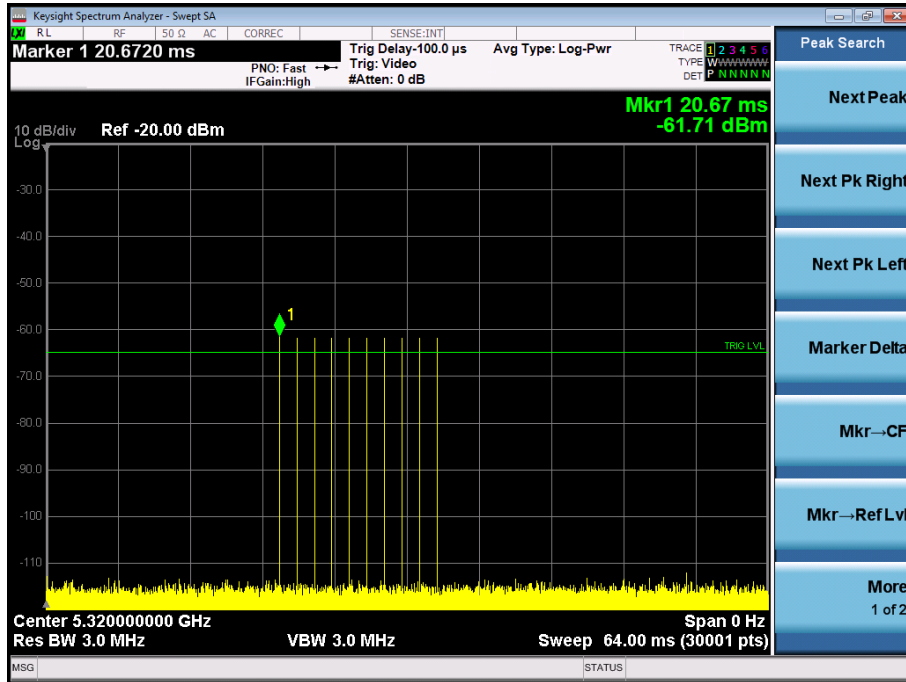
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### Radar



- End of the Report -



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