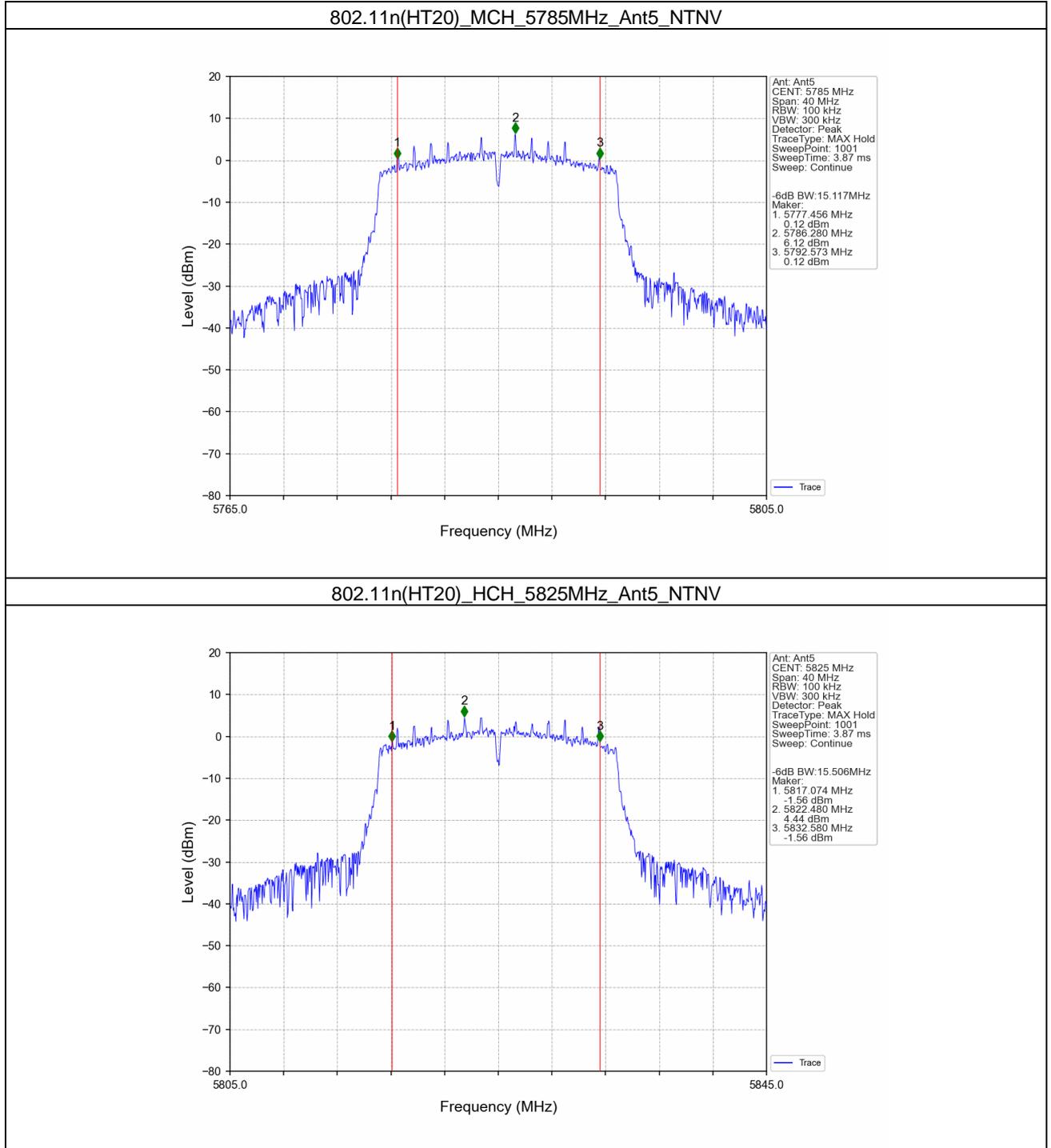
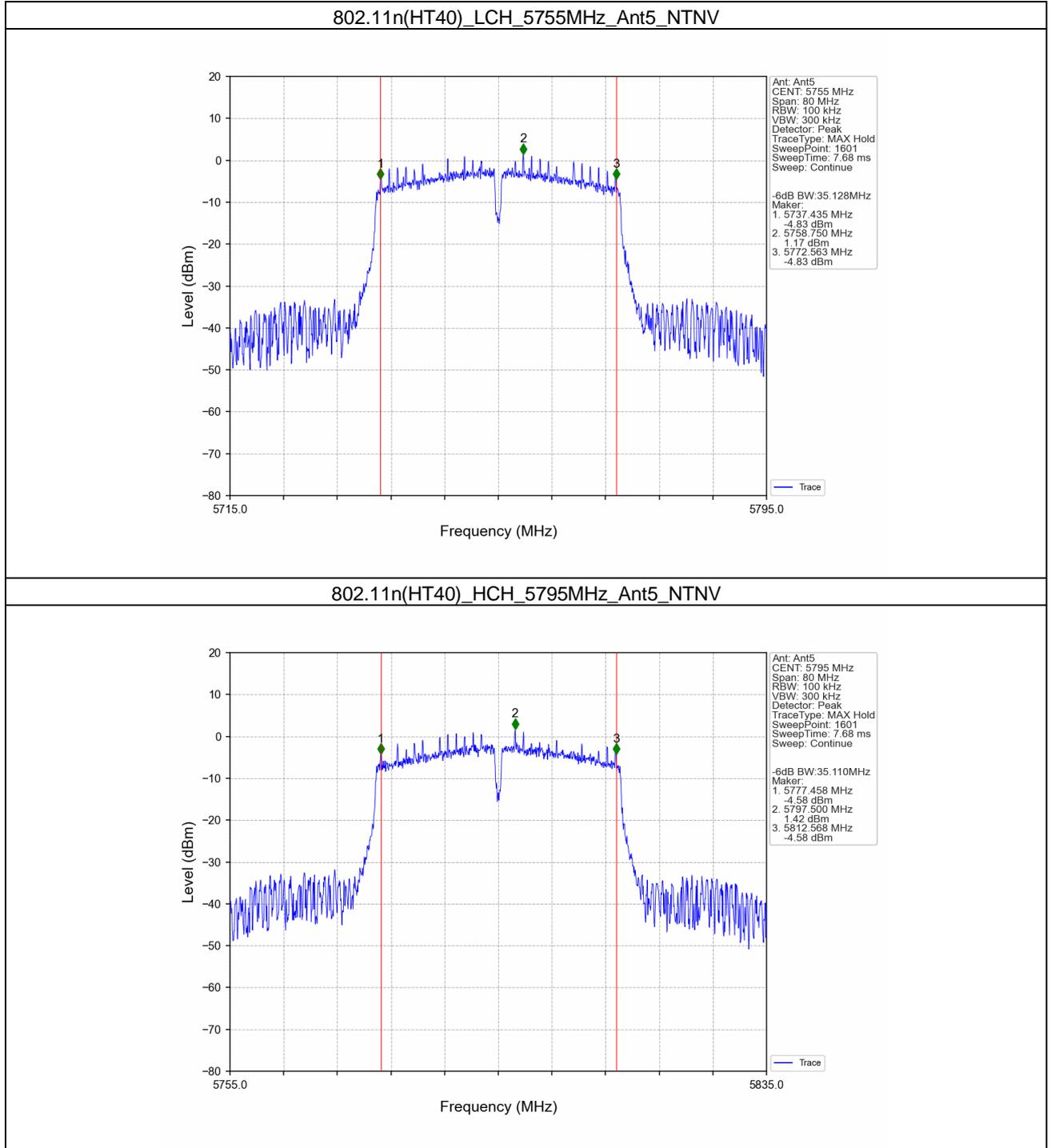


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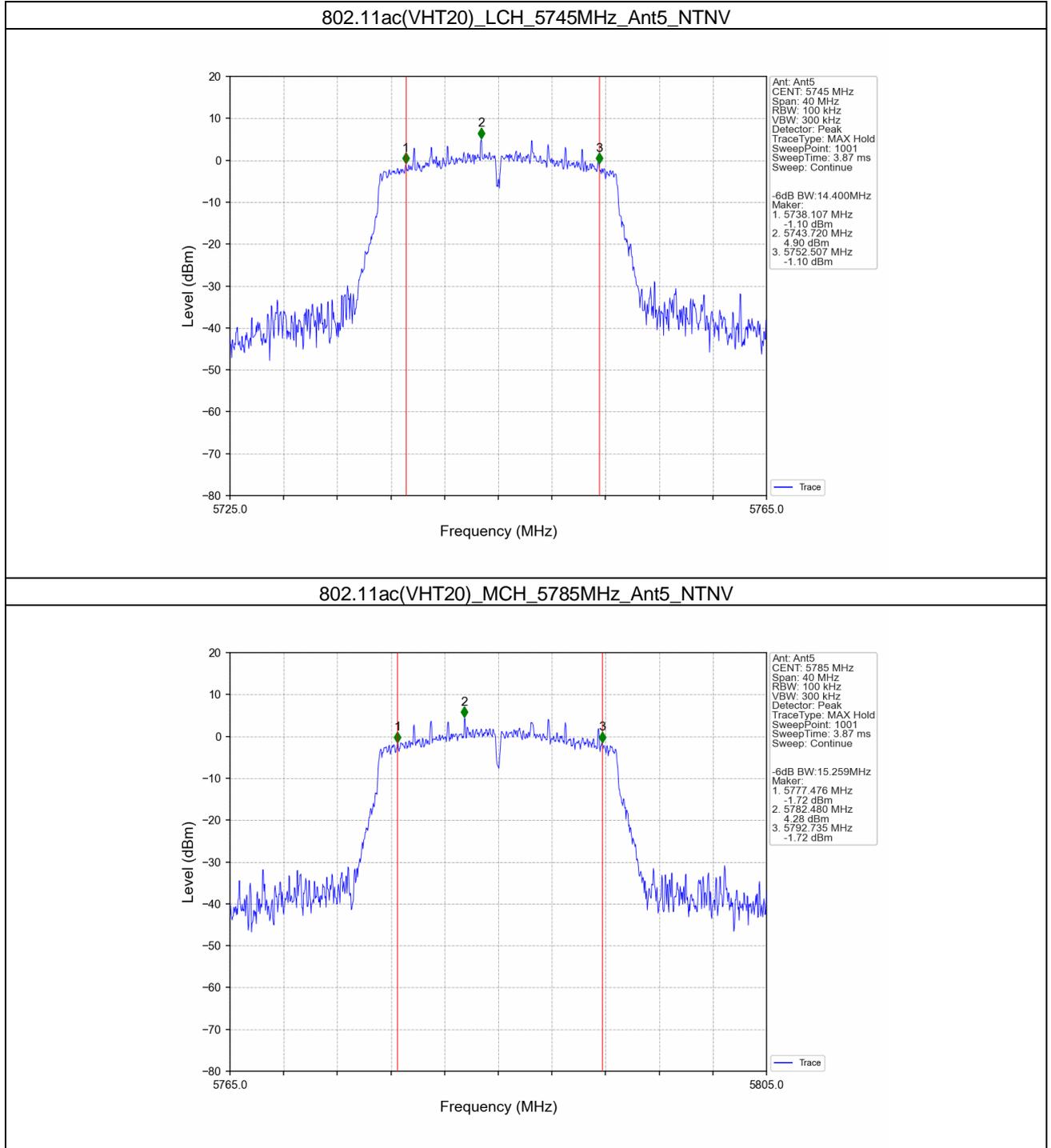


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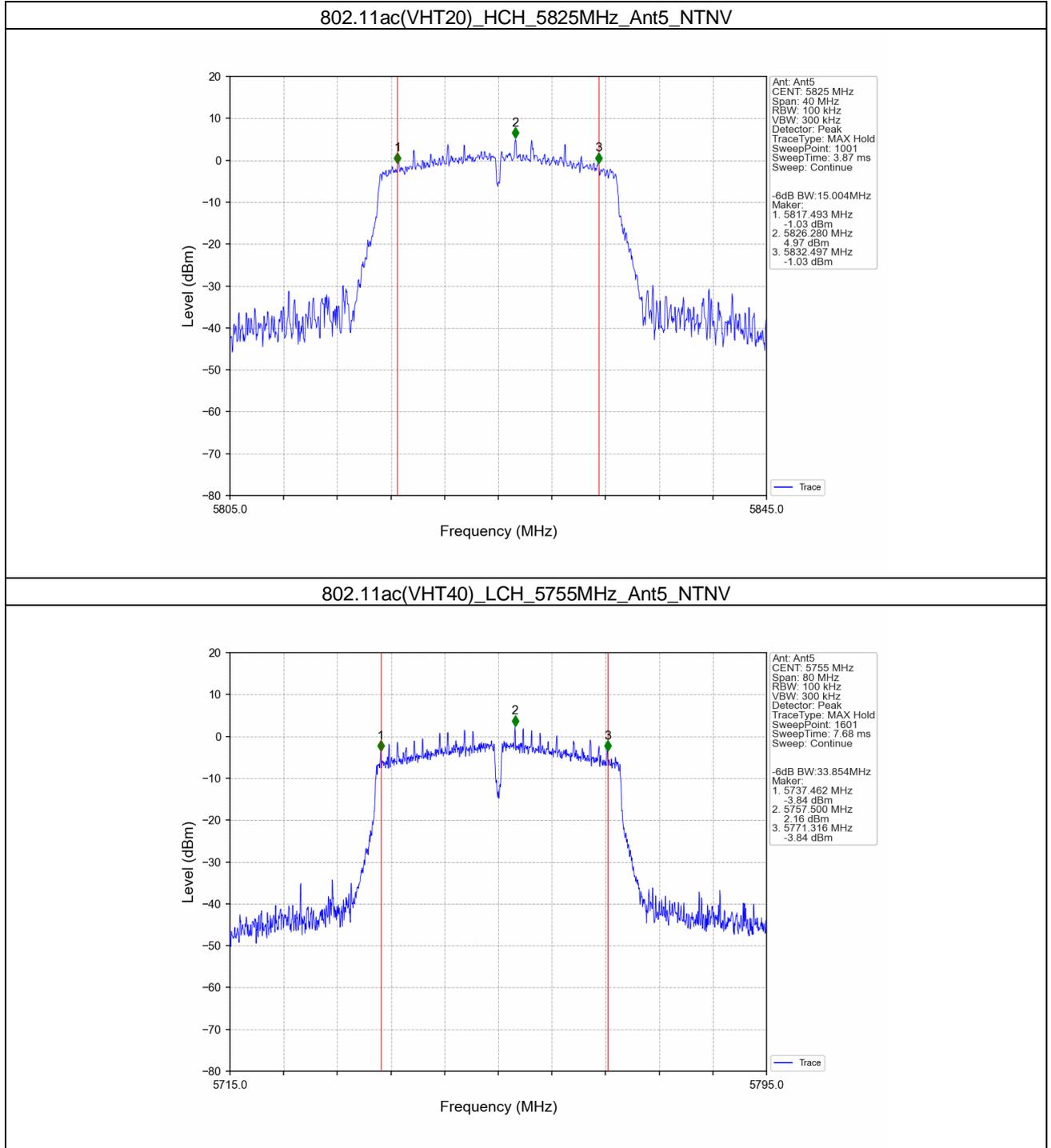
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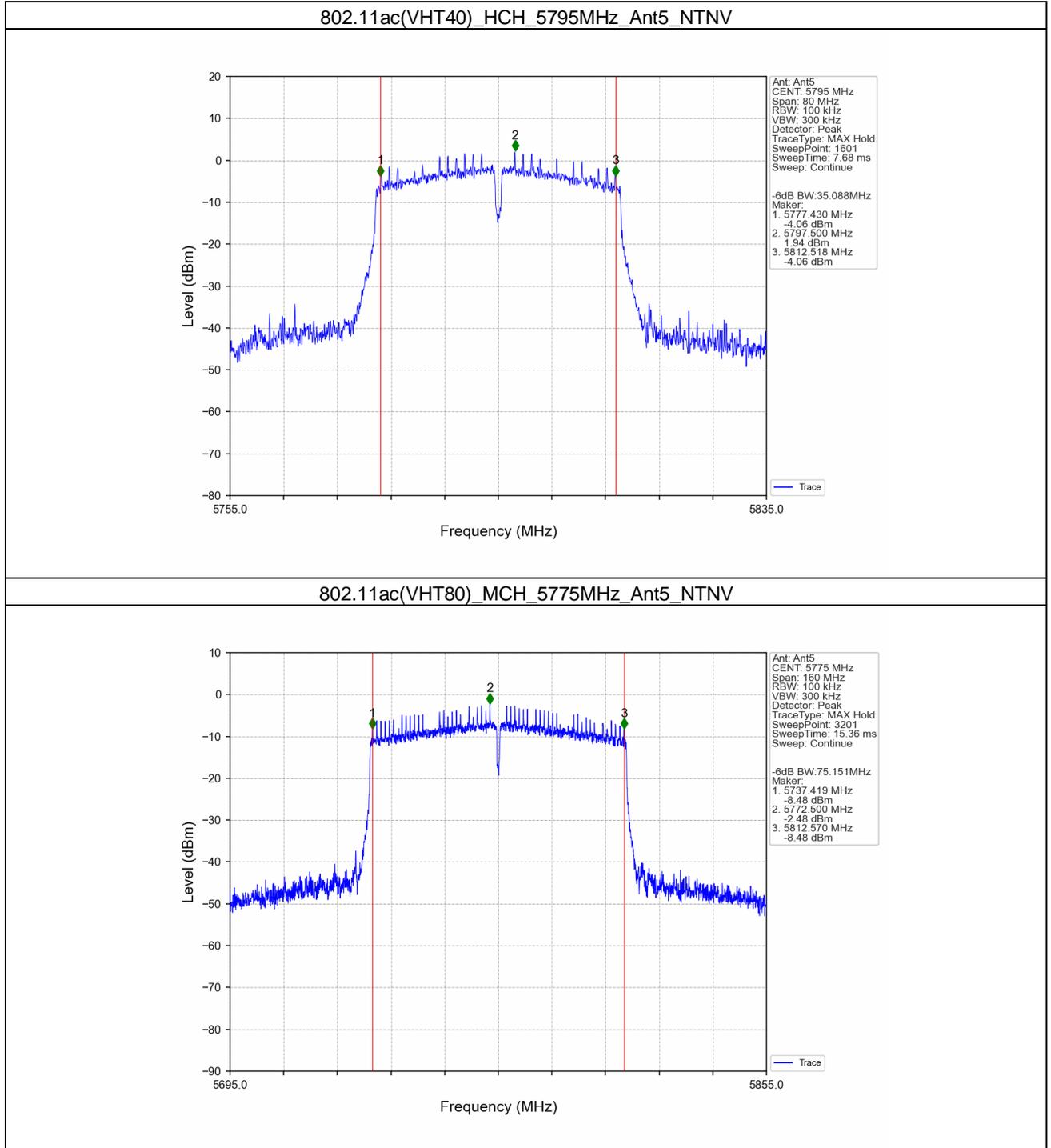
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3. Maximum Conducted Output Power

3.1 Test Result

3.1.1 Power

Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)		Verdict
			ANT5	Limit	
802.11a	SISO	5180	17.73	<=23.98	Pass
		5200	17.77	<=23.98	Pass
		5240	17.77	<=23.98	Pass
		5260	17.86	<=23.98	Pass
		5300	17.86	<=23.98	Pass
		5320	17.92	<=23.98	Pass
		5500	16.99	<=23.98	Pass
		5580	16.95	<=23.98	Pass
		5700	17.36	<=23.98	Pass
		5745	15.55	<=30	Pass
		5785	15.58	<=30	Pass
		5825	15.70	<=30	Pass
802.11n (HT20)	SISO	5180	15.47	<=23.98	Pass
		5200	16.07	<=23.98	Pass
		5240	15.62	<=23.98	Pass
		5260	15.63	<=23.98	Pass
		5300	16.19	<=23.98	Pass
		5320	15.79	<=23.98	Pass
		5500	15.42	<=23.98	Pass
		5580	14.63	<=23.98	Pass
		5700	15.16	<=23.98	Pass
		5745	15.88	<=30	Pass
		5785	15.96	<=30	Pass
		5825	15.53	<=30	Pass
802.11n (HT40)	SISO	5190	14.64	<=23.98	Pass
		5230	15.21	<=23.98	Pass
		5270	15.07	<=23.98	Pass
		5310	14.51	<=23.98	Pass
		5510	13.50	<=23.98	Pass
		5550	13.69	<=23.98	Pass
		5670	14.14	<=23.98	Pass
		5755	14.51	<=30	Pass
		5795	14.46	<=30	Pass
		5710	14.32	<=23.98	Pass



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802.11ac (VHT20)	SISO	5180	15.54	<=23.98	Pass
		5200	15.47	<=23.98	Pass
		5240	15.47	<=23.98	Pass
		5260	15.45	<=23.98	Pass
		5300	15.58	<=23.98	Pass
		5320	15.61	<=23.98	Pass
		5500	14.77	<=23.98	Pass
		5580	14.59	<=23.98	Pass
		5700	15.11	<=23.98	Pass
		5745	15.31	<=30	Pass
		5785	15.33	<=30	Pass
		5825	15.46	<=30	Pass
		802.11ac (VHT40)	SISO	5720	15.28
5190	14.57			<=23.98	Pass
5230	15.08			<=23.98	Pass
5270	15.13			<=23.98	Pass
5310	15.04			<=23.98	Pass
5510	14.12			<=23.98	Pass
5550	14.25			<=23.98	Pass
5670	14.68			<=23.98	Pass
5755	15.08			<=30	Pass
5795	15.00			<=30	Pass
802.11ac (VHT80)	SISO	5710	14.86	<=23.98	Pass
		5210	13.36	<=23.98	Pass
		5290	13.88	<=23.98	Pass
		5530	12.92	<=23.98	Pass
		5610	13.00	<=23.98	Pass
		5775	13.38	<=30	Pass
		5690	13.12	<=23.98	Pass



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4. Maximum Power Spectral Density

4.1 Test Result

4.1.1 PSD

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)		Verdict
			ANT5	Limit	
802.11a	SISO	5180	7.41	<=11	Pass
		5200	7.36	<=11	Pass
		5240	7.58	<=11	Pass
		5260	7.54	<=11	Pass
		5300	7.62	<=11	Pass
		5320	7.68	<=11	Pass
		5500	6.79	<=11	Pass
		5580	6.81	<=11	Pass
		5700	7.12	<=11	Pass
		5720	7.30	<=11	Pass
802.11n (HT20)	SISO	5180	5.20	<=11	Pass
		5200	5.61	<=11	Pass
		5240	5.12	<=11	Pass
		5260	5.12	<=11	Pass
		5300	5.68	<=11	Pass
		5320	5.31	<=11	Pass
		5500	4.99	<=11	Pass
		5580	4.32	<=11	Pass
802.11n (HT40)	SISO	5190	1.46	<=11	Pass
		5230	1.81	<=11	Pass
		5270	1.73	<=11	Pass
		5310	1.10	<=11	Pass
		5510	0.16	<=11	Pass
		5550	0.28	<=11	Pass
		5670	0.87	<=11	Pass
		5710	0.83	<=11	Pass
802.11ac (VHT20)	SISO	5180	4.83	<=11	Pass
		5200	4.94	<=11	Pass
		5240	5.05	<=11	Pass
		5260	5.04	<=11	Pass
		5300	5.09	<=11	Pass
		5320	5.15	<=11	Pass
		5500	4.33	<=11	Pass
		5580	4.08	<=11	Pass
		5700	4.69	<=11	Pass
		5720	4.79	<=11	Pass
802.11ac	SISO	5190	1.23	<=11	Pass



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(VHT40)		5230	1.66	<=11	Pass
		5270	1.75	<=11	Pass
		5310	1.71	<=11	Pass
		5510	1.06	<=11	Pass
		5550	0.98	<=11	Pass
		5670	1.37	<=11	Pass
		5710	1.52	<=11	Pass
802.11ac (VHT80)	SISO	5210	-3.16	<=11	Pass
		5290	-2.77	<=11	Pass
		5530	-3.71	<=11	Pass
		5610	-3.35	<=11	Pass
		5690	-3.46	<=11	Pass



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4.1.2 PSD-Band3

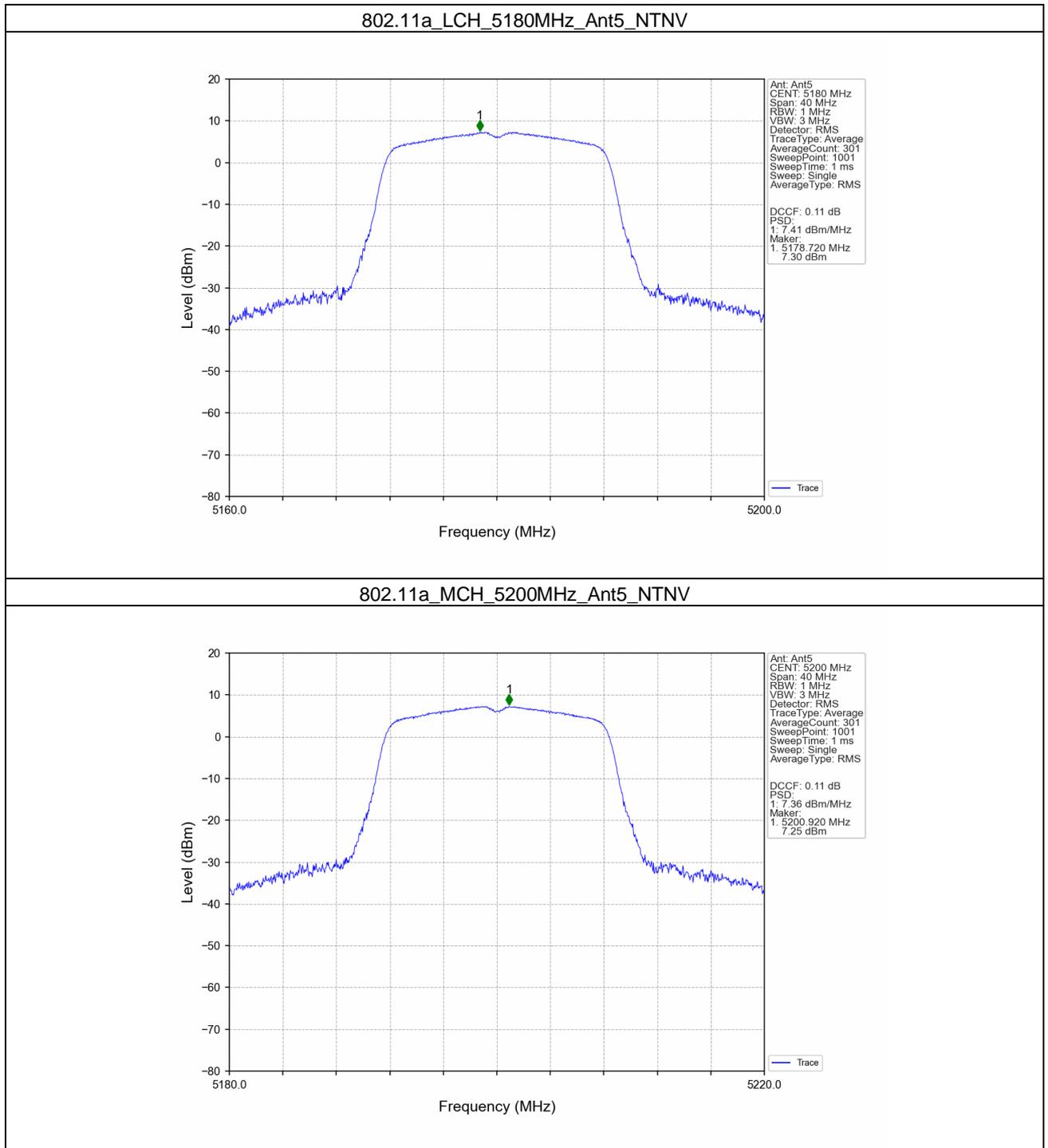
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)		Verdict
			ANT5	Limit	
802.11a	SISO	5745	2.46	<=30	Pass
		5785	2.53	<=30	Pass
		5825	2.70	<=30	Pass
		5720	2.42	<=30	Pass
802.11n (HT20)	SISO	5745	2.59	<=30	Pass
		5785	2.79	<=30	Pass
		5825	2.34	<=30	Pass
		5720	0.27	<=30	Pass
802.11n (HT40)	SISO	5755	-1.73	<=30	Pass
		5795	-1.79	<=30	Pass
		5710	-5.31	<=30	Pass
802.11ac (VHT20)	SISO	5745	2.04	<=30	Pass
		5785	2.10	<=30	Pass
		5825	2.14	<=30	Pass
		5720	0.27	<=30	Pass
802.11ac (VHT40)	SISO	5755	-1.08	<=30	Pass
		5795	-1.24	<=30	Pass
		5710	-4.77	<=30	Pass
802.11ac (VHT80)	SISO	5775	-6.01	<=30	Pass
		5690	-9.92	<=30	Pass



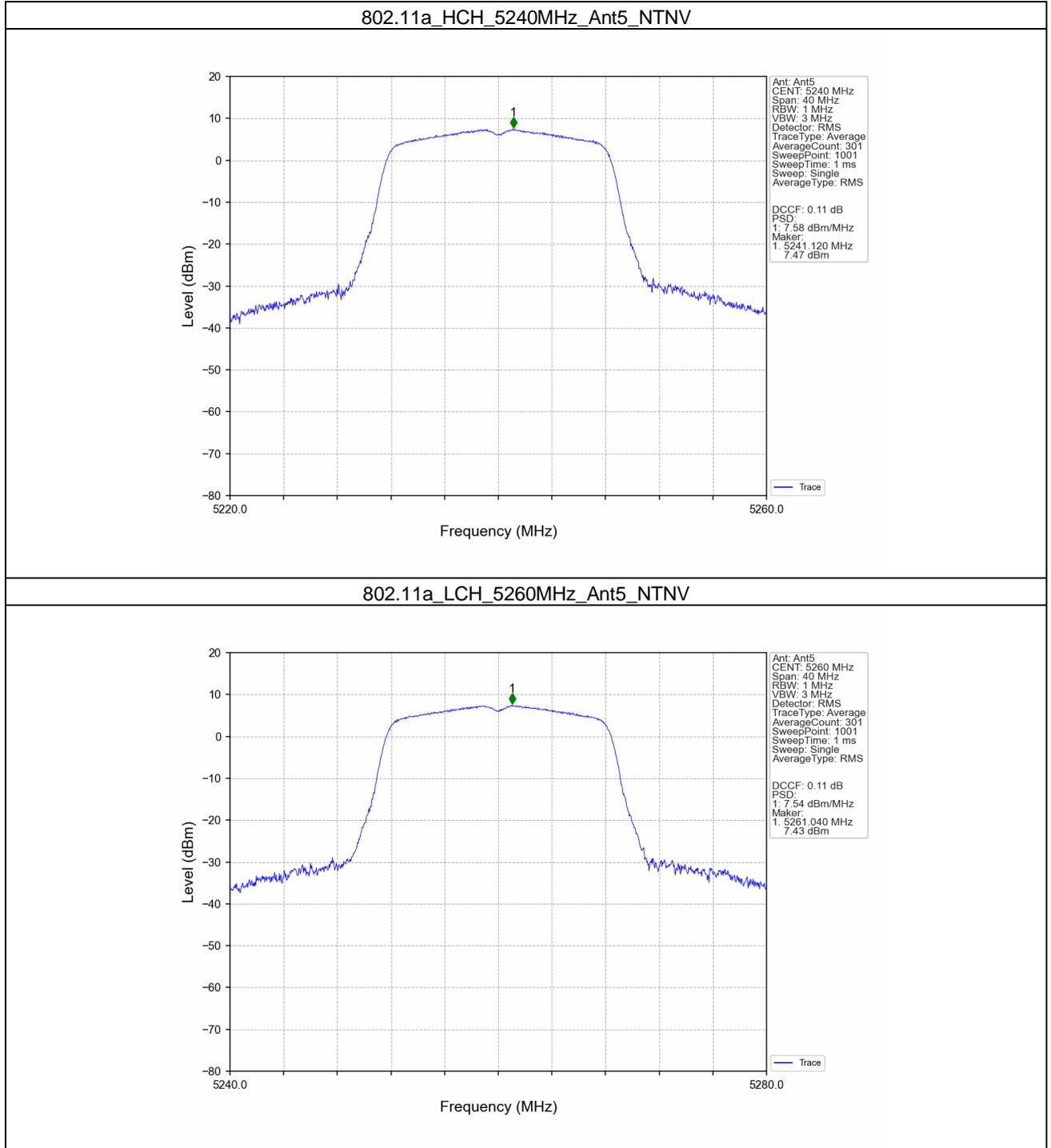
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4.2 Test Graph

4.2.1 PSD

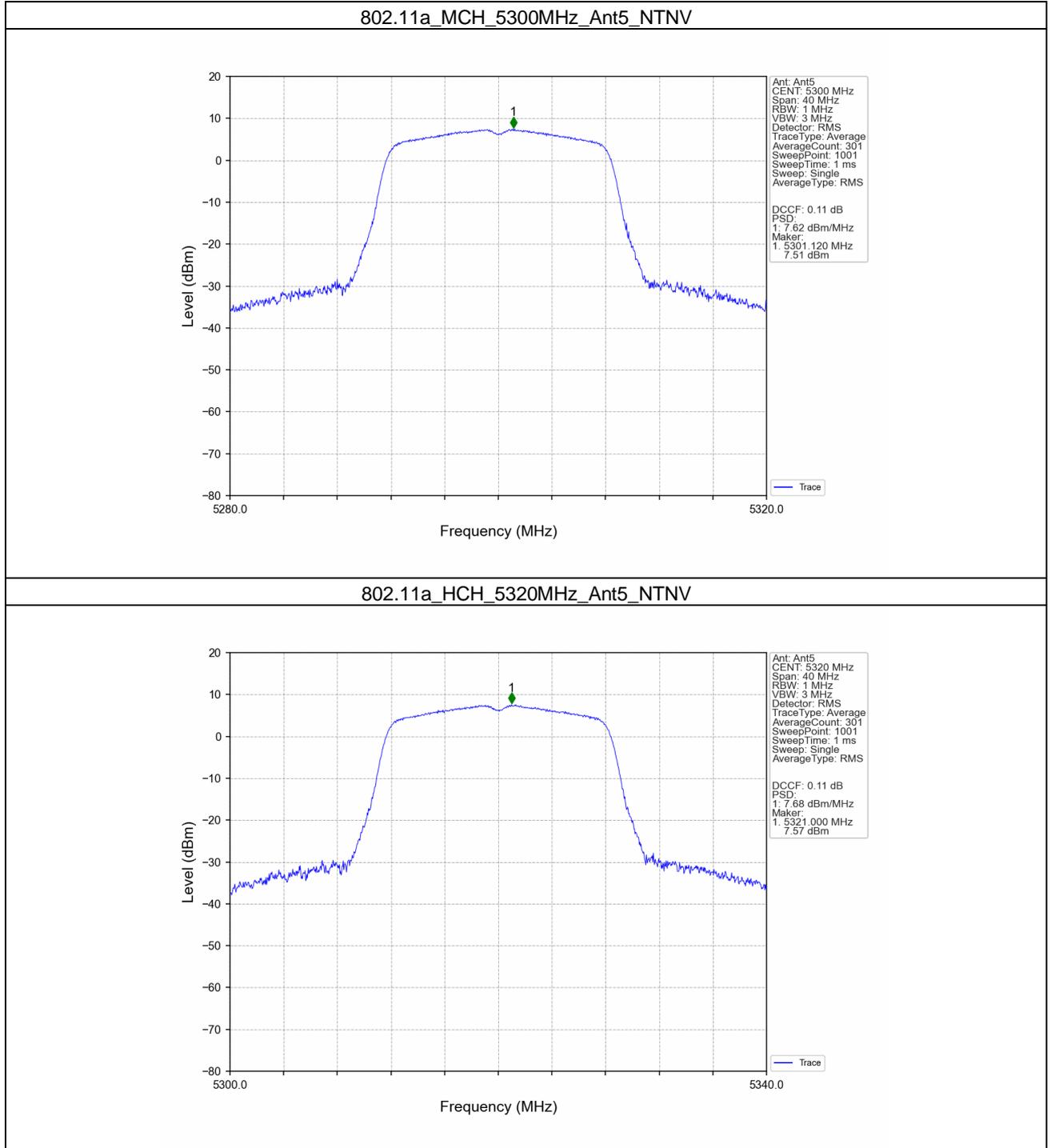


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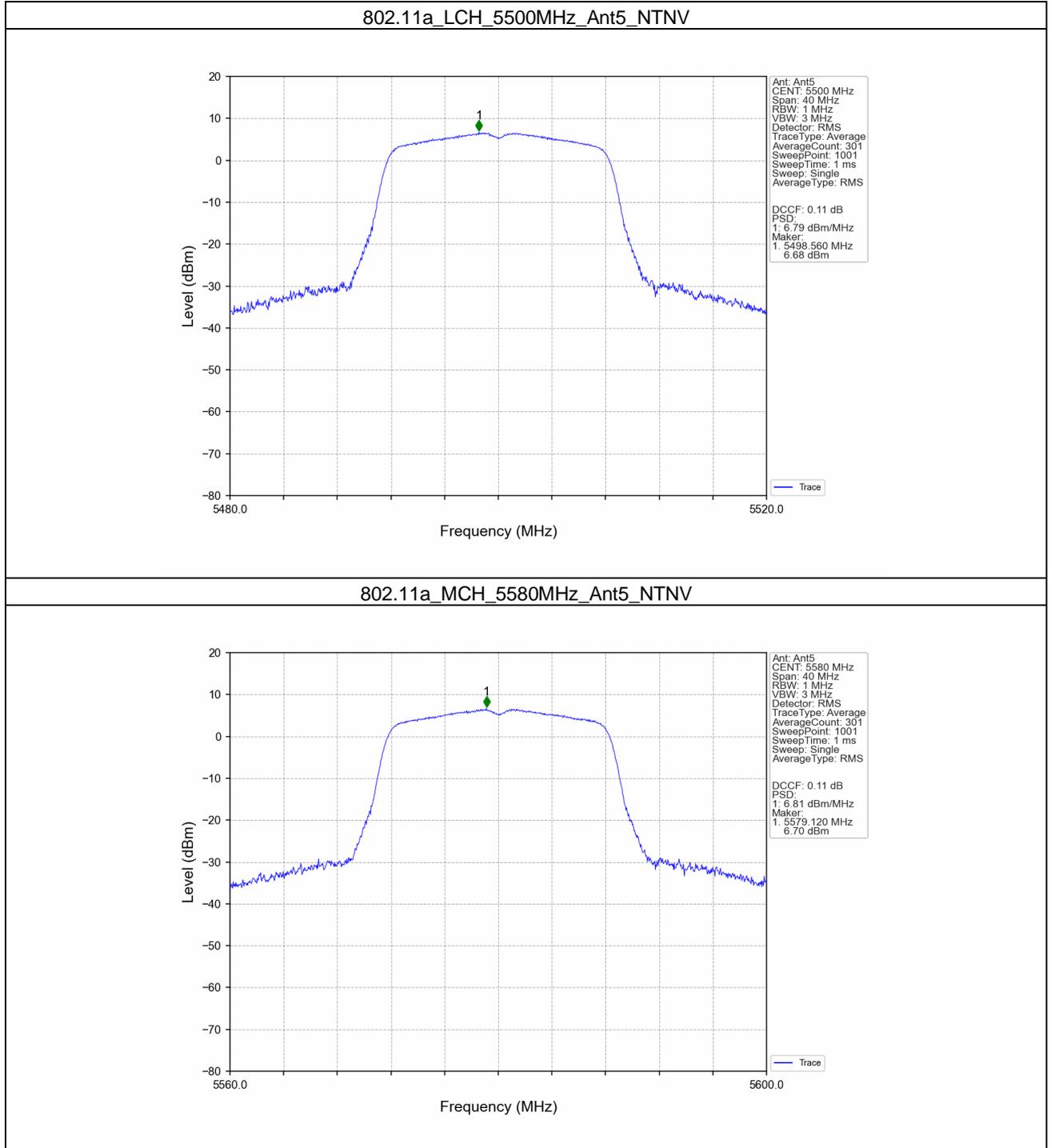


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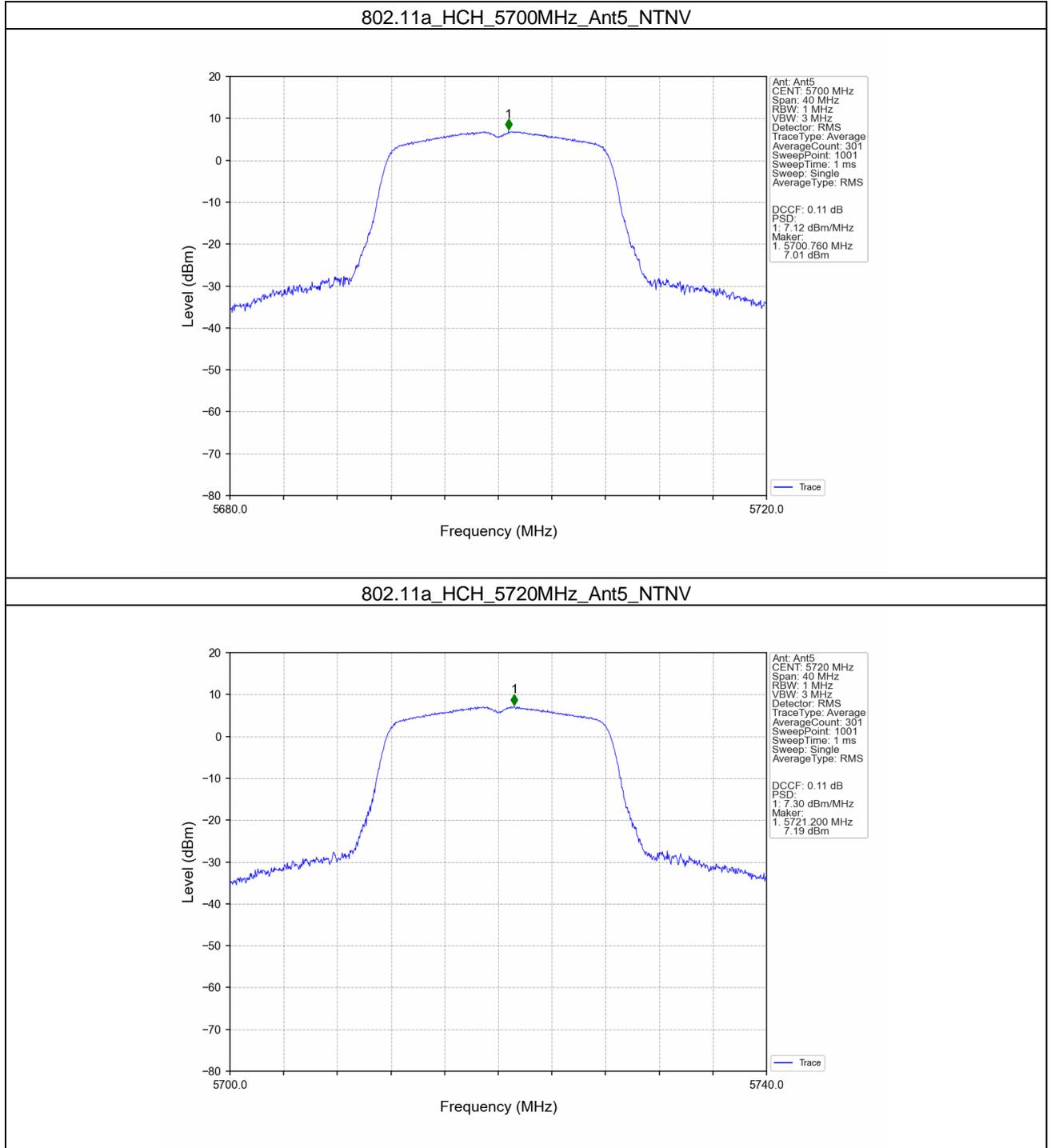


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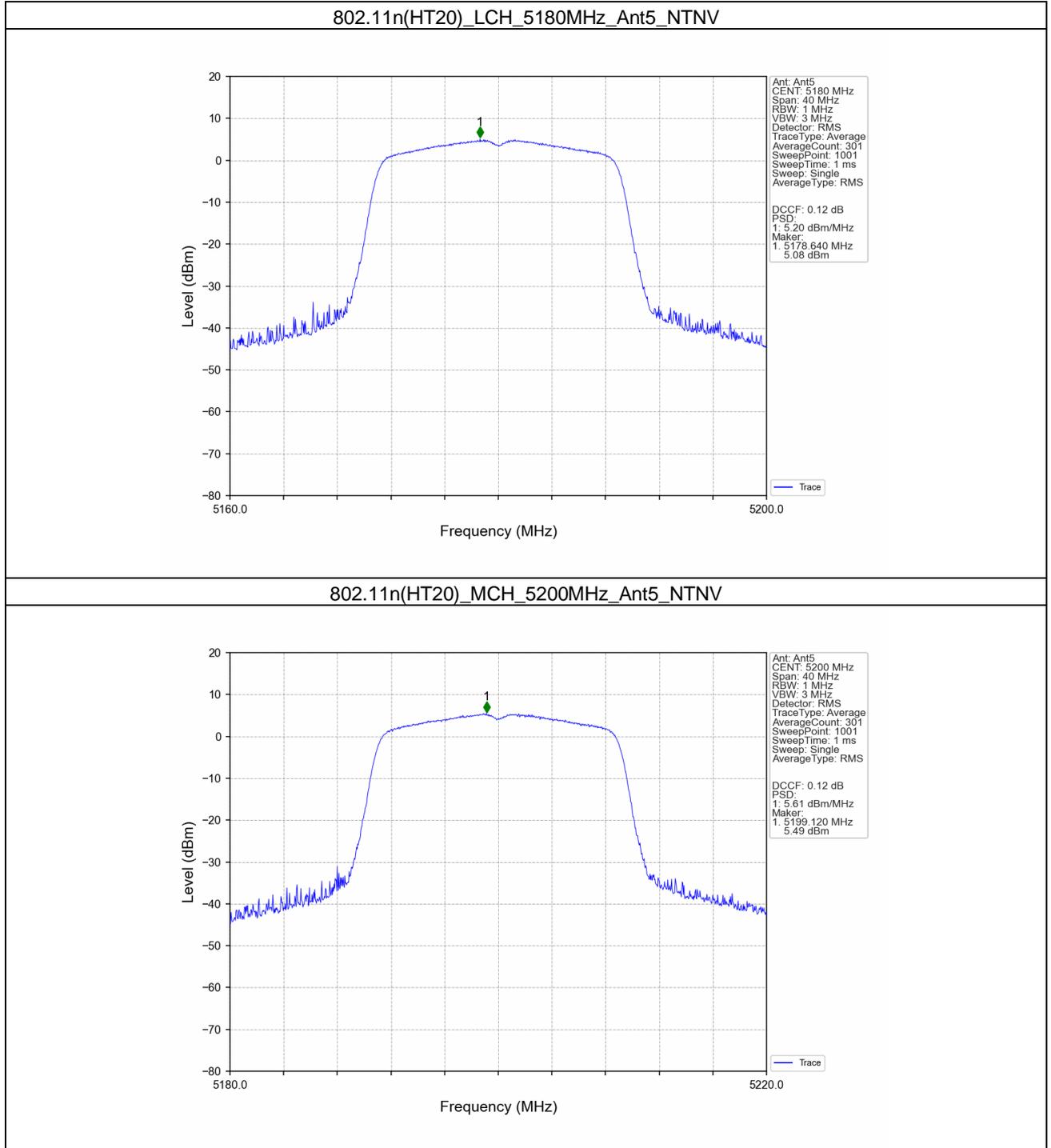


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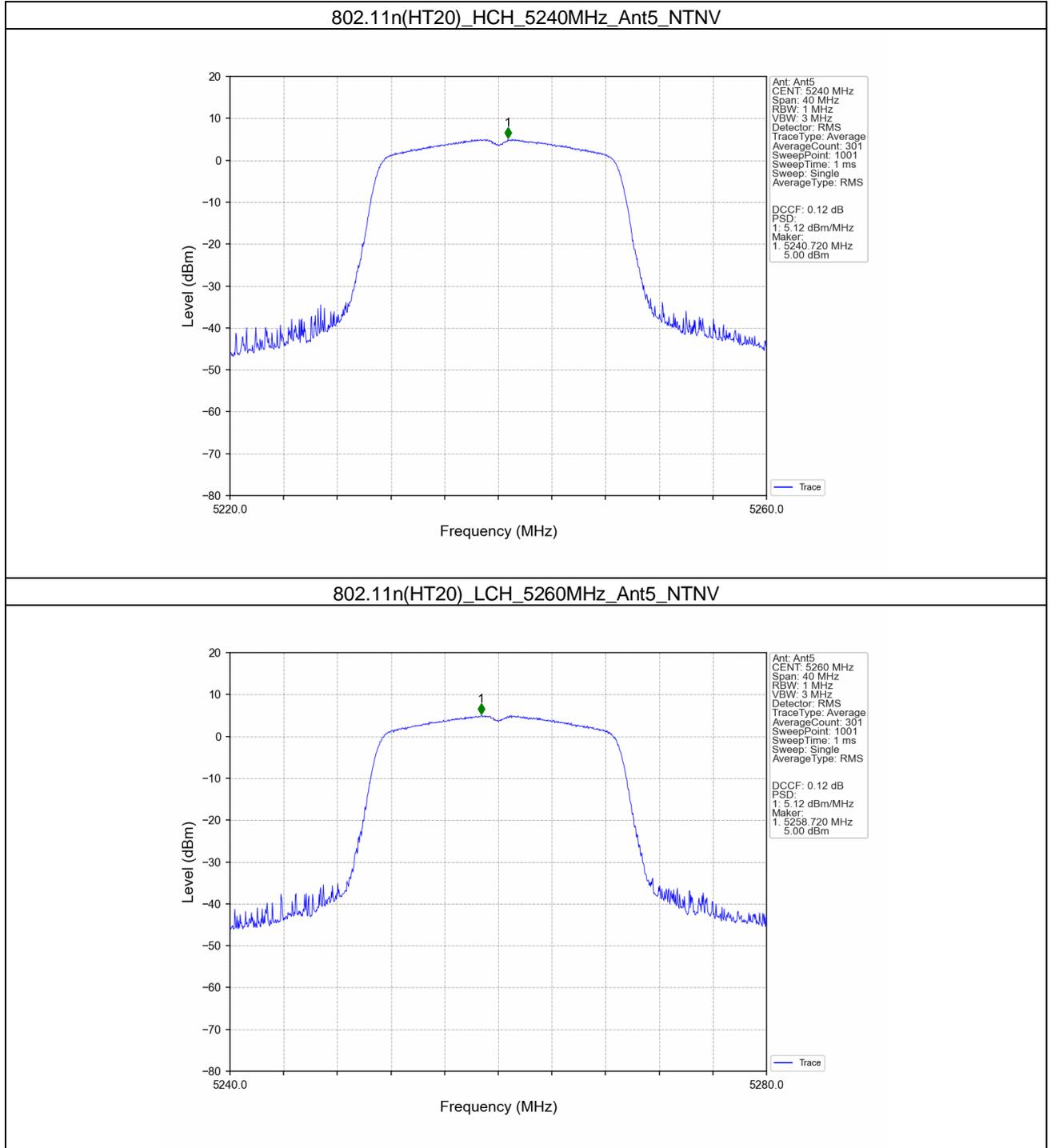
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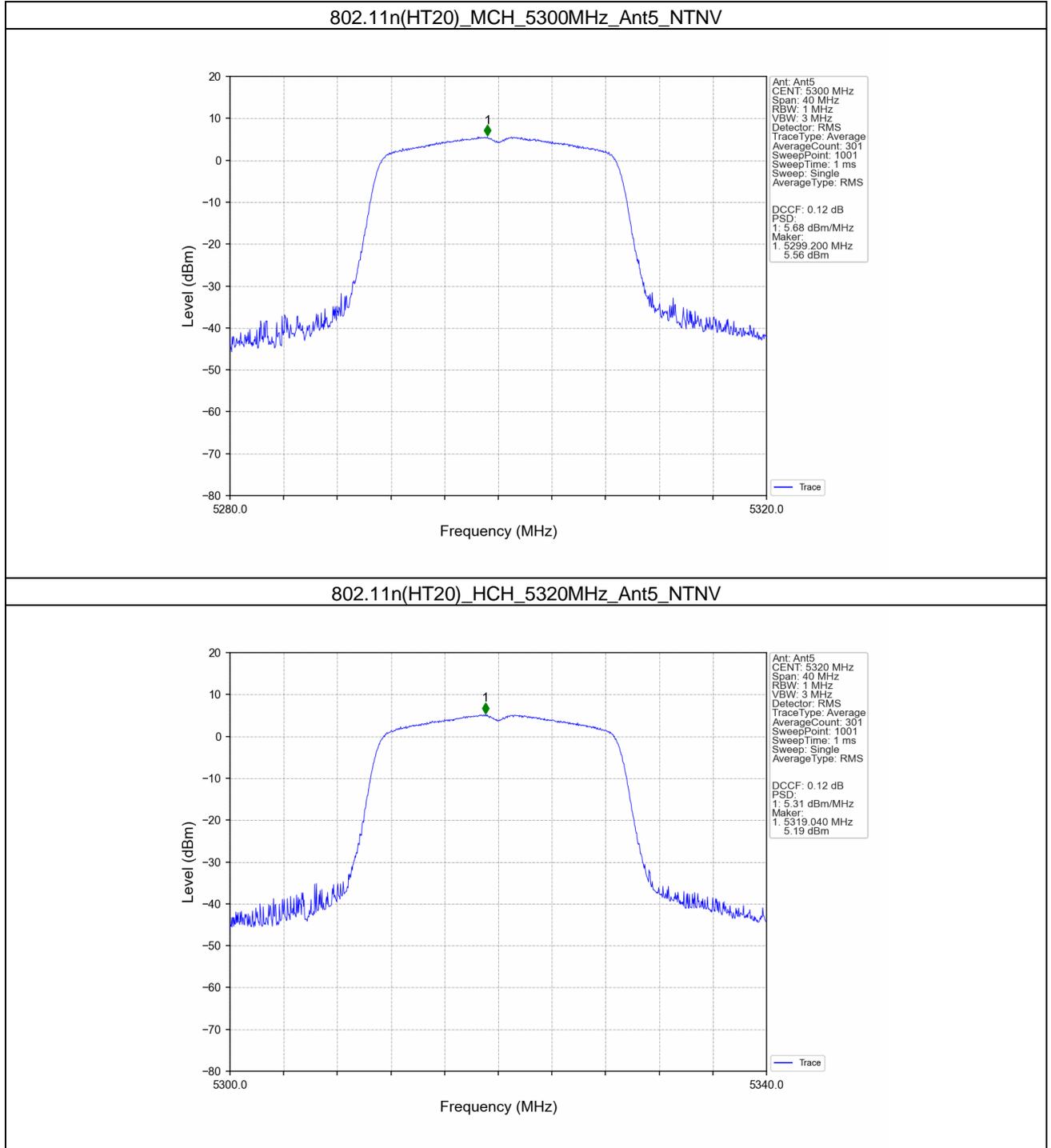
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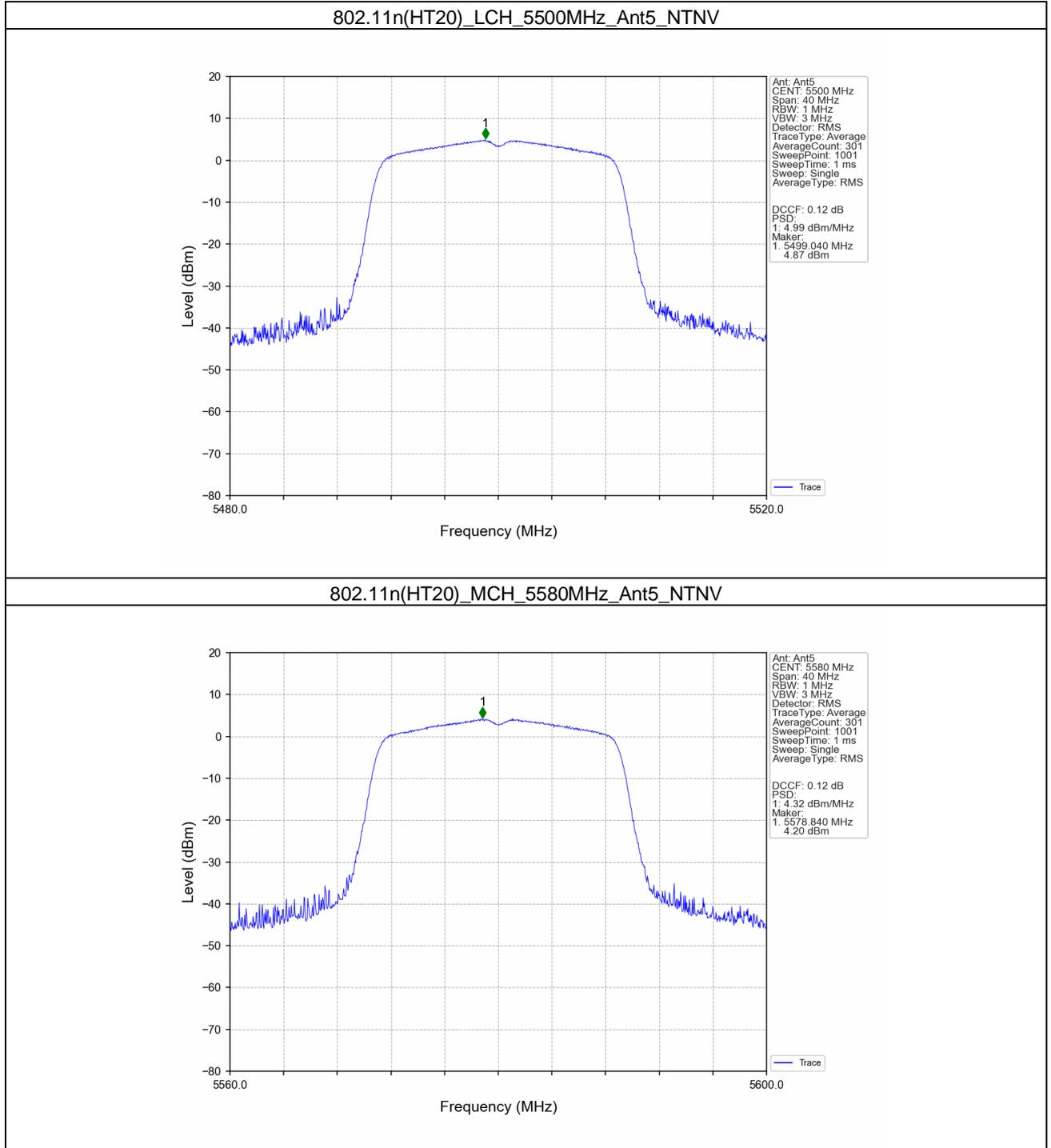
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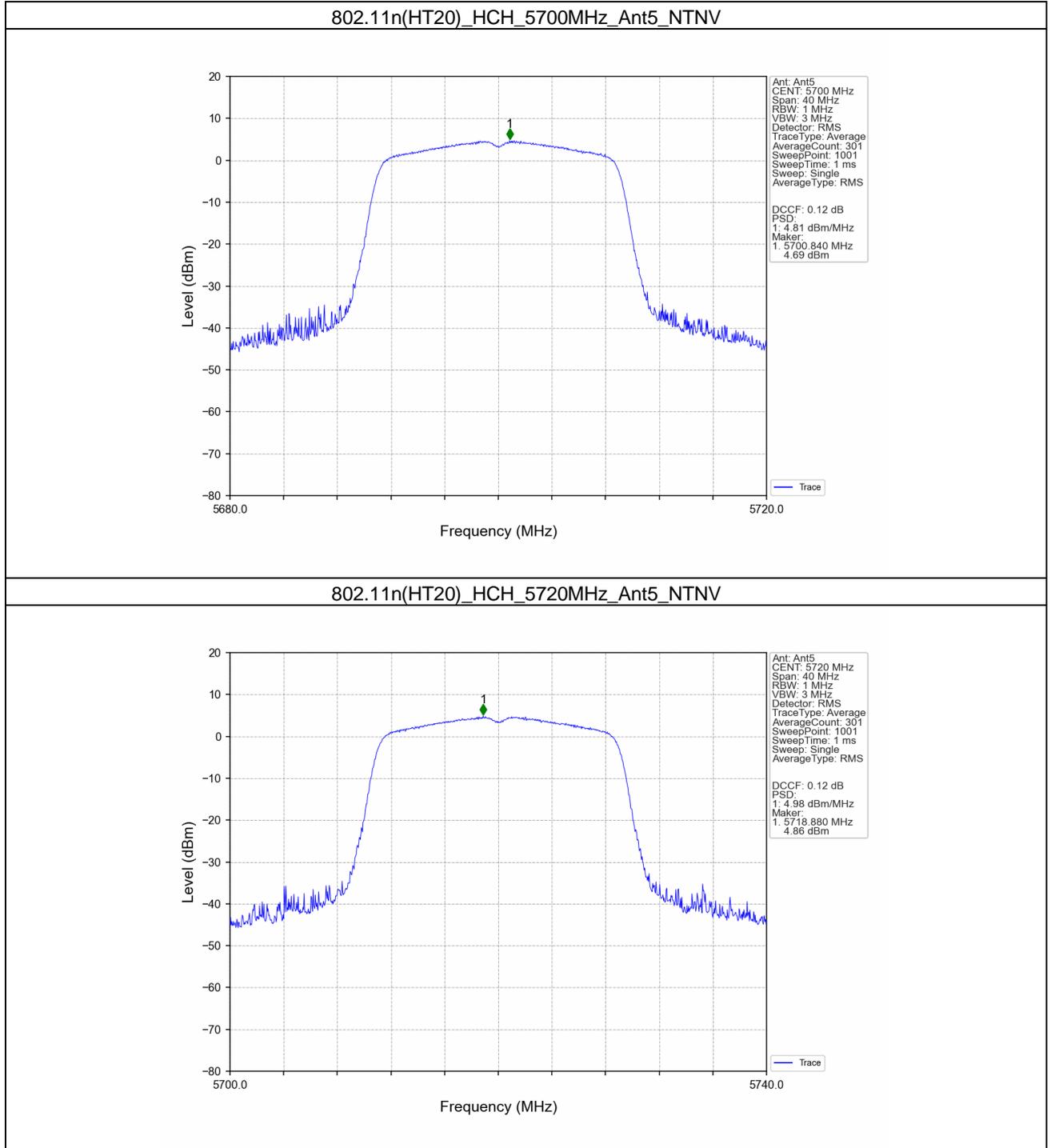


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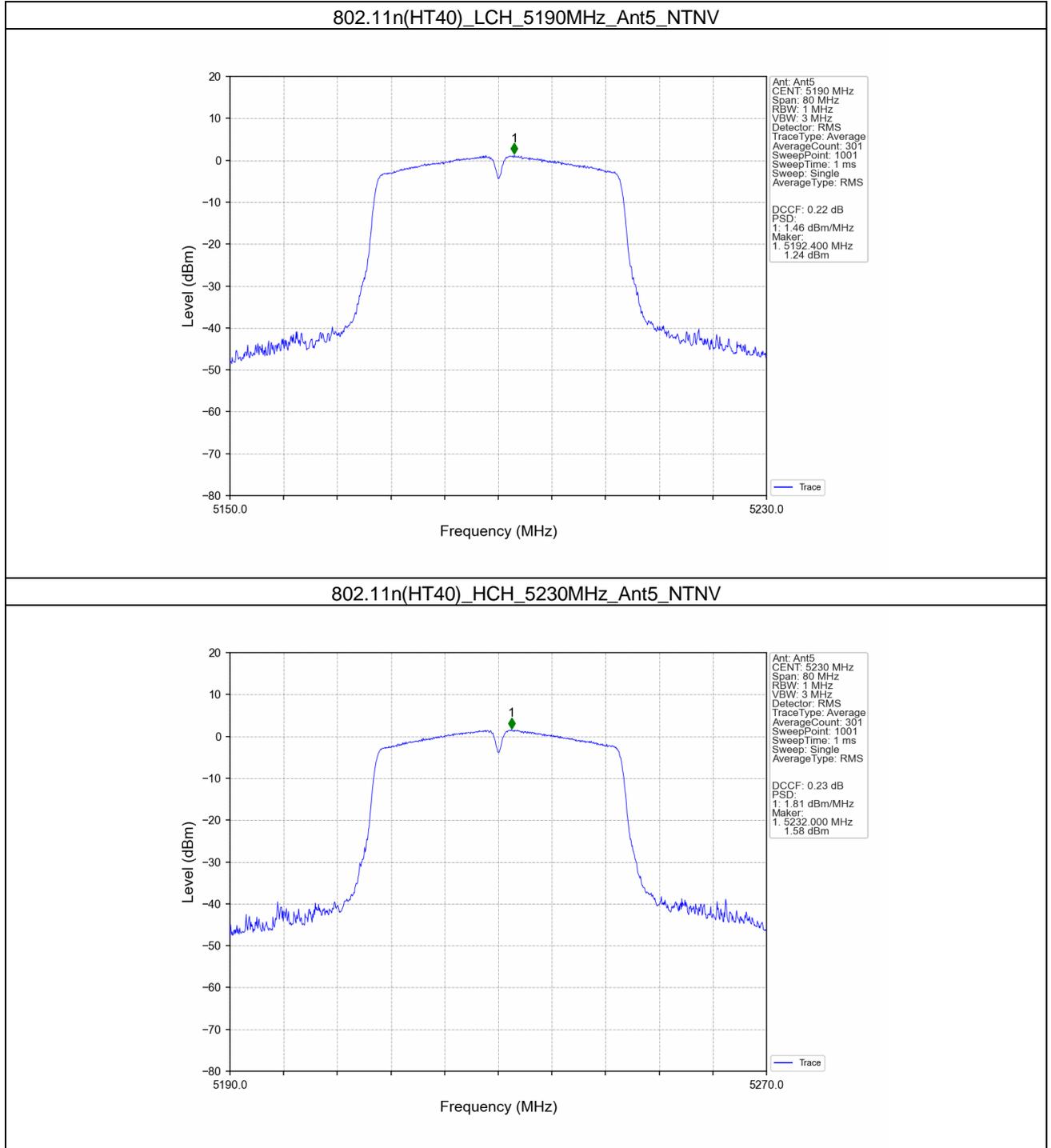
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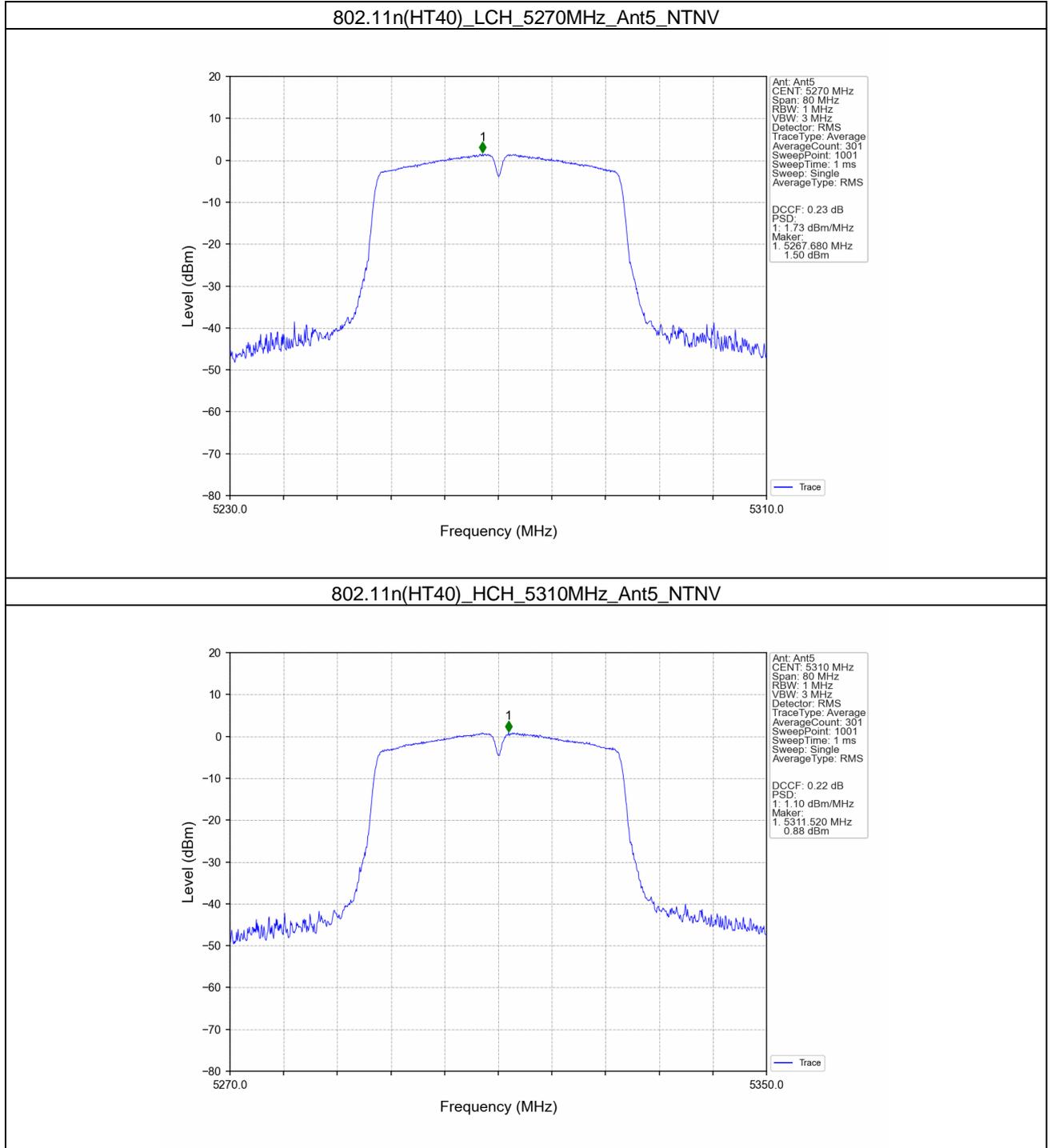
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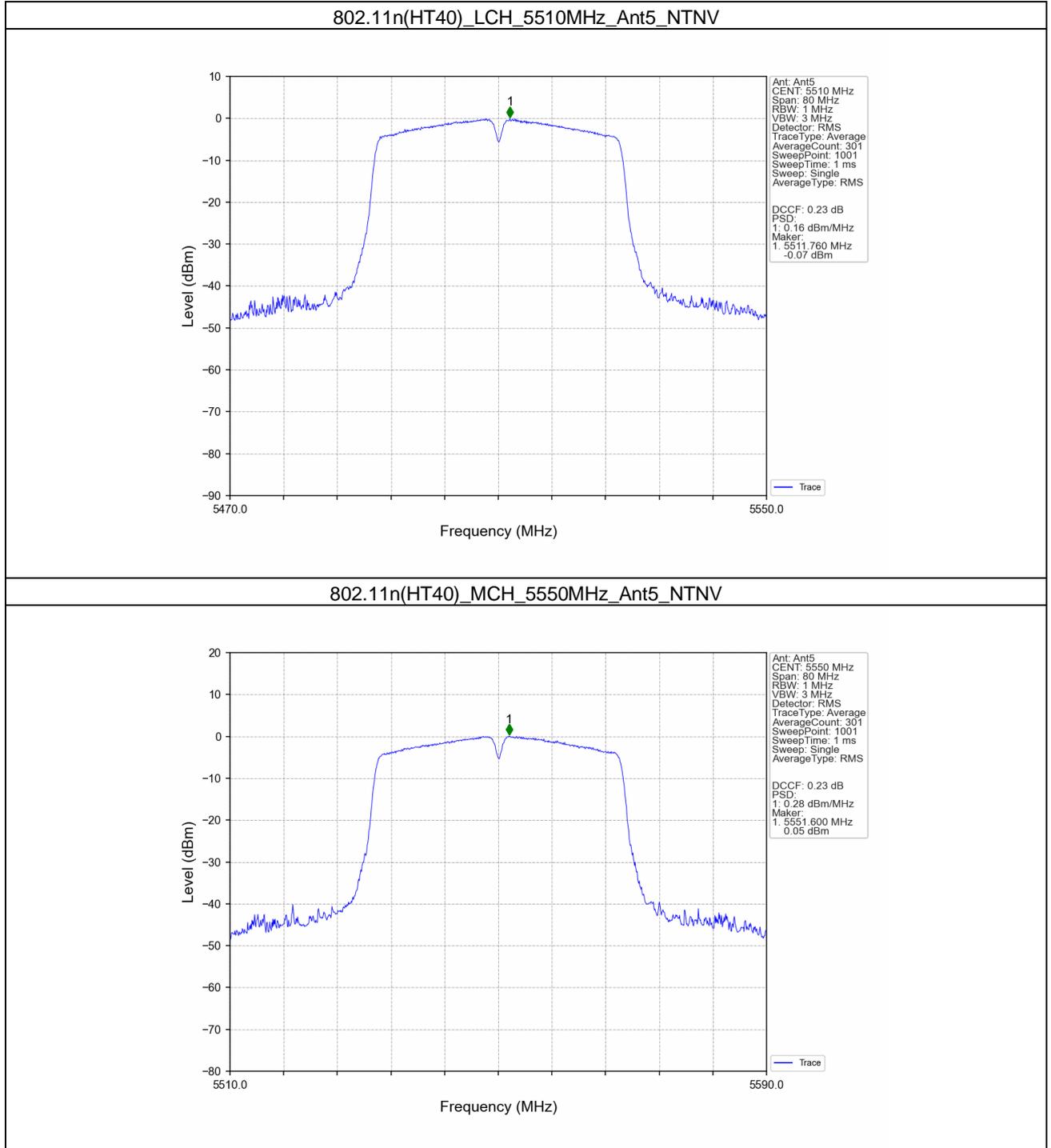


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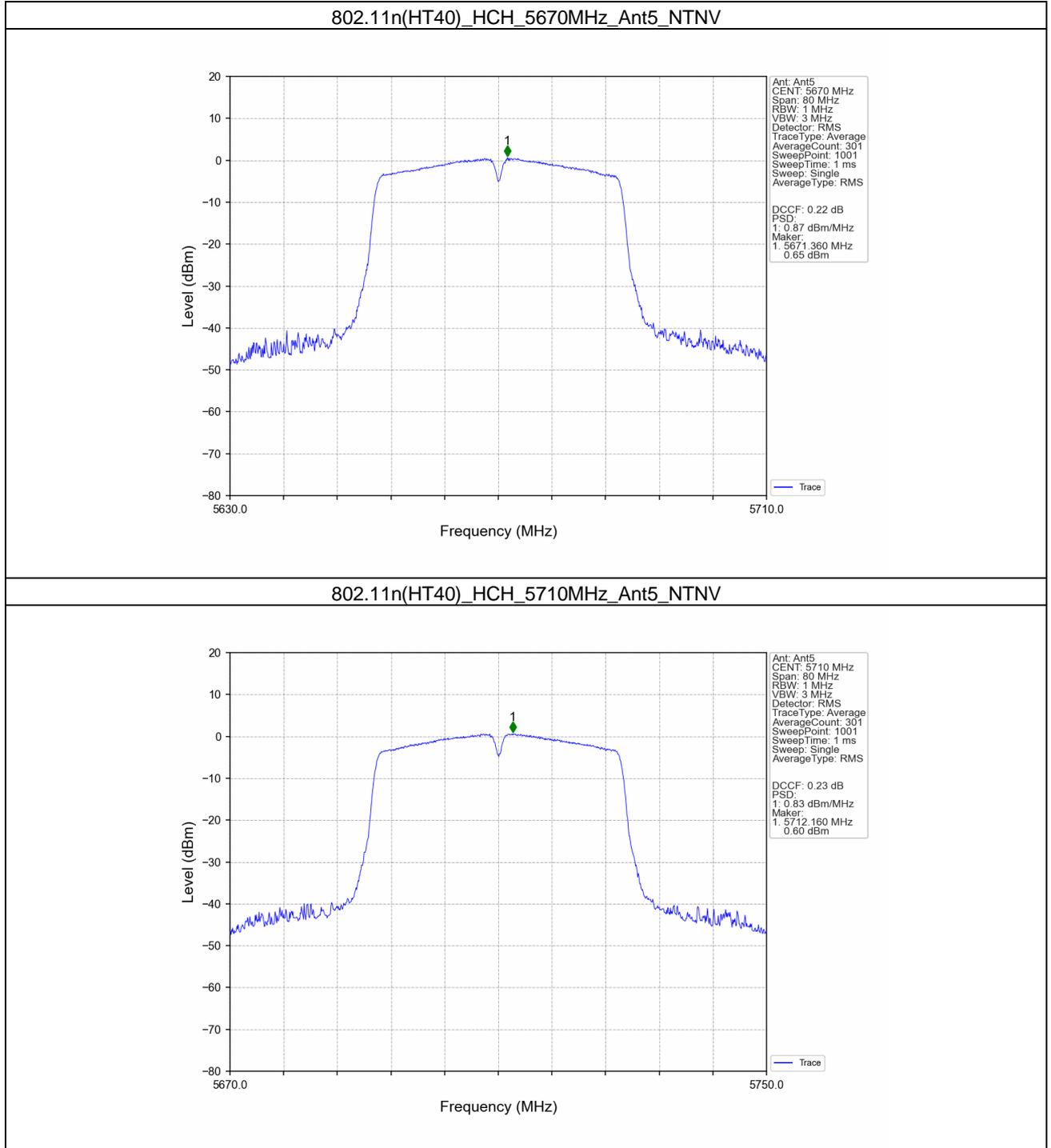


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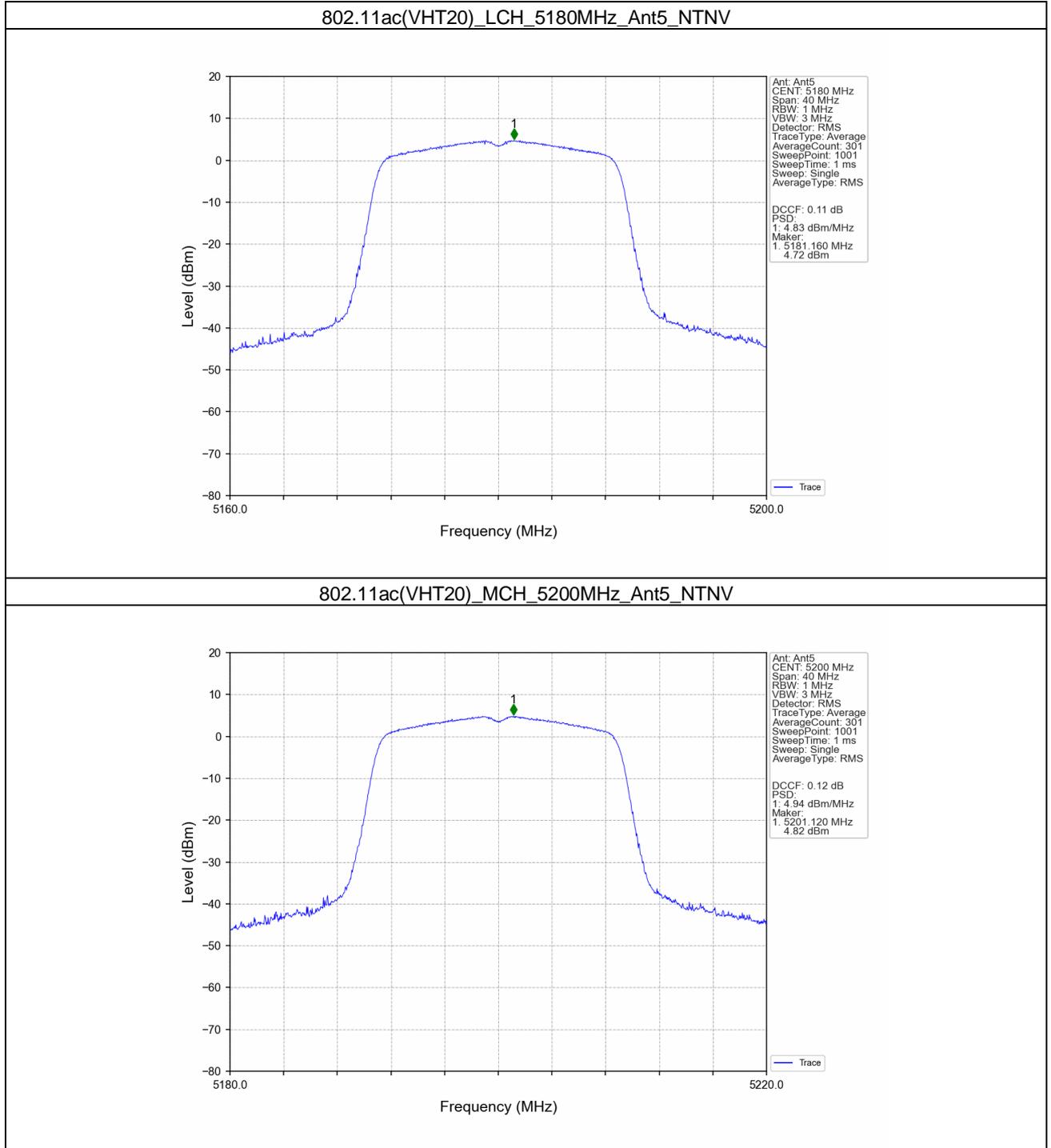
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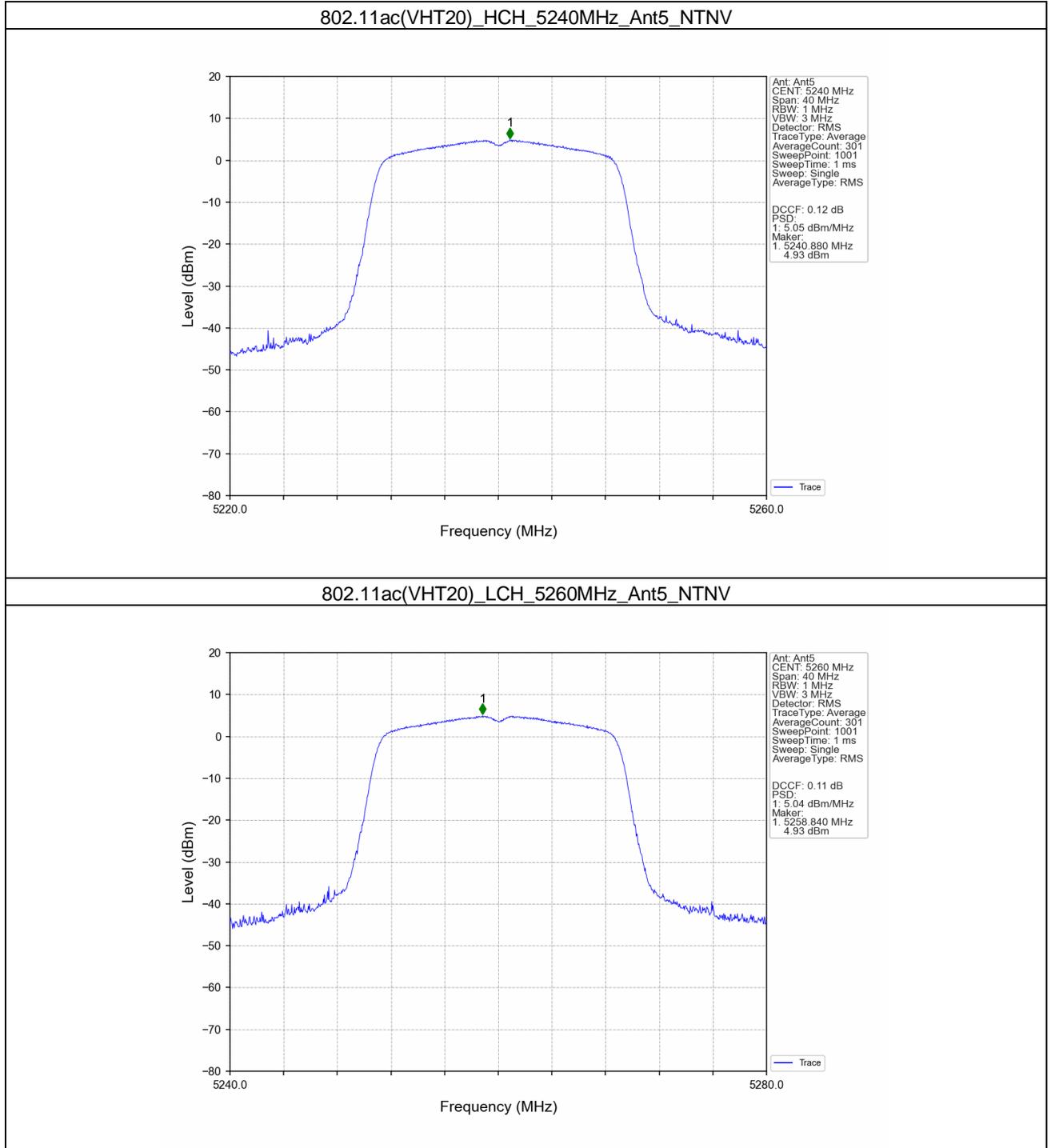
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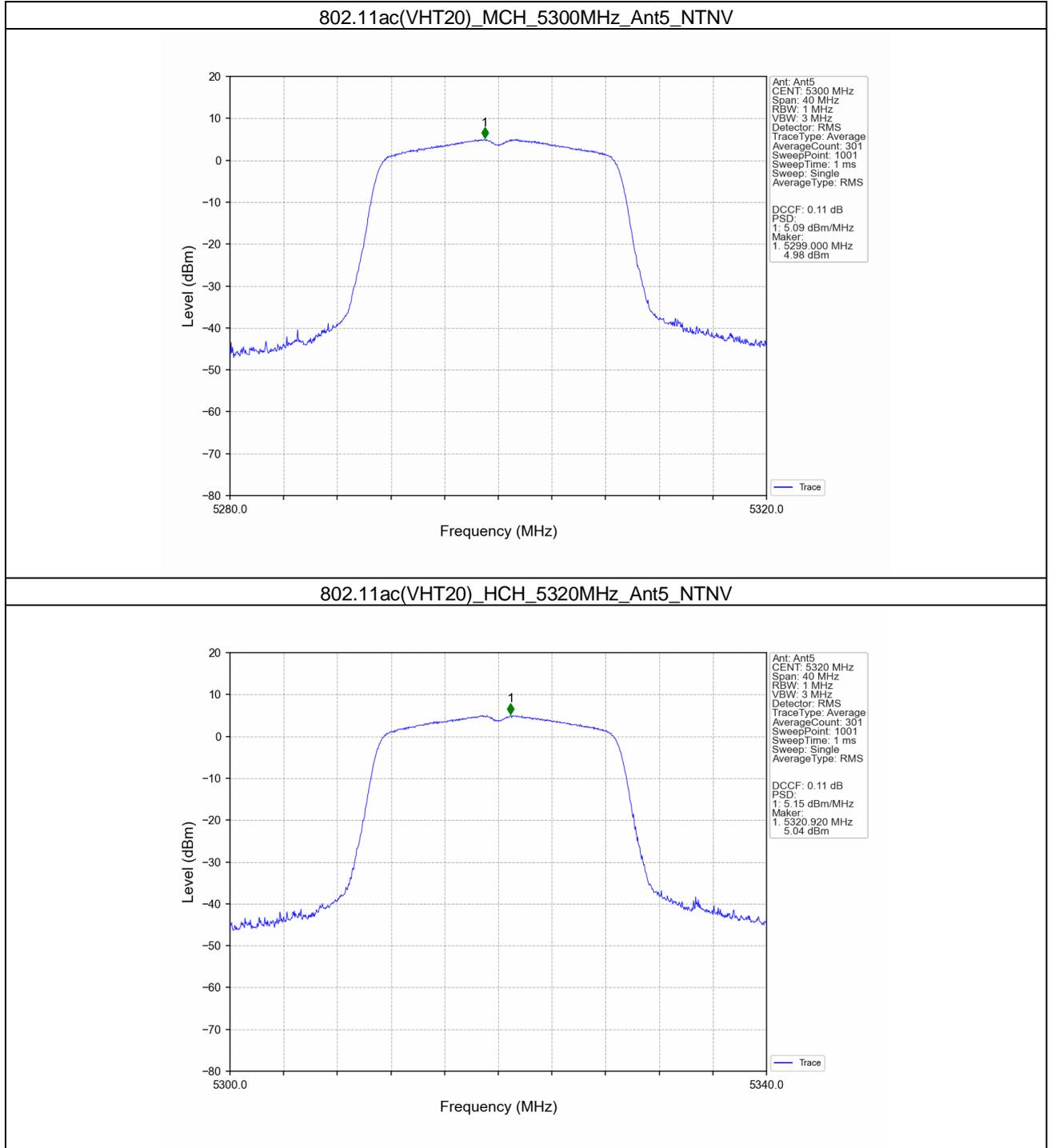


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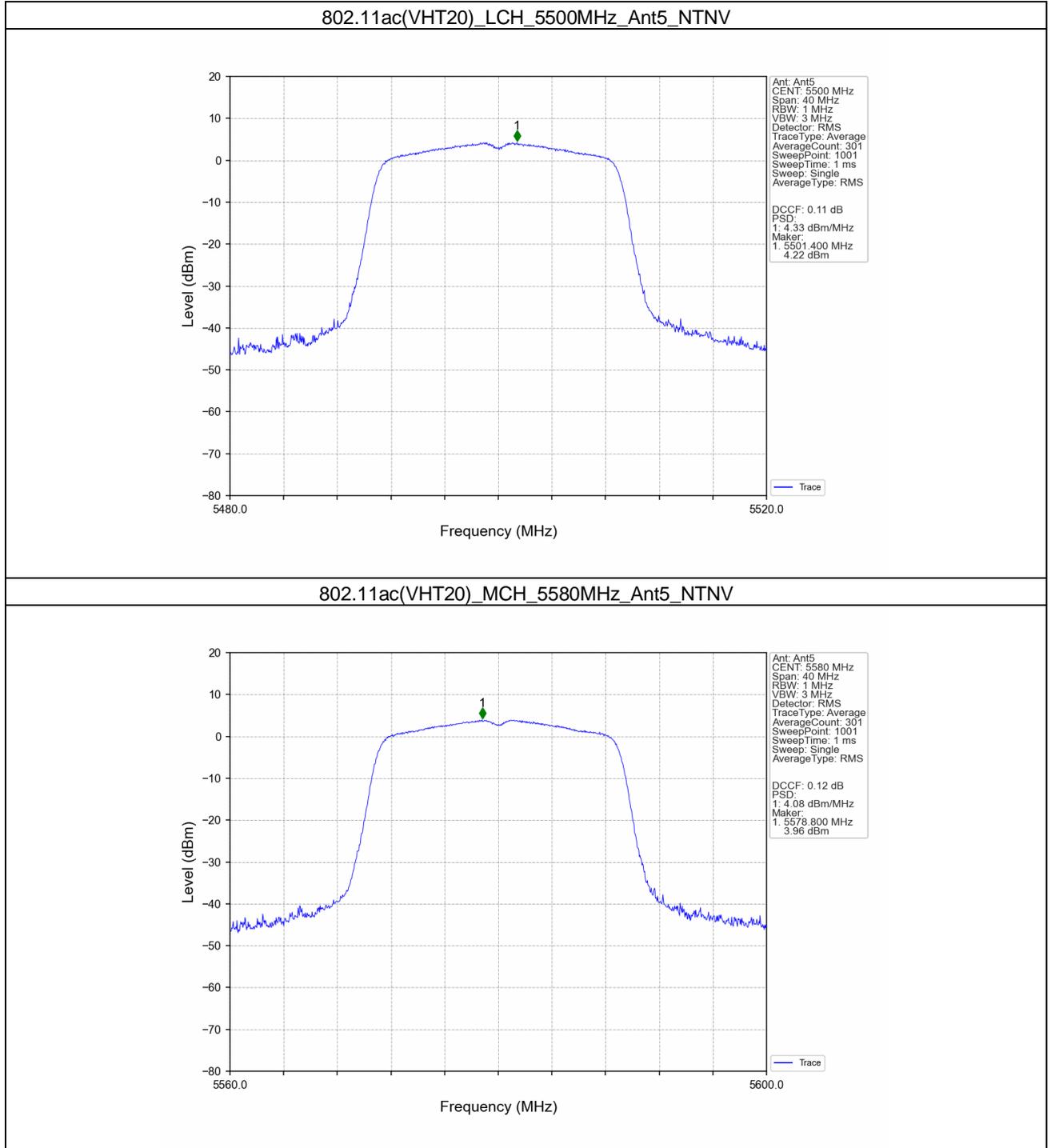
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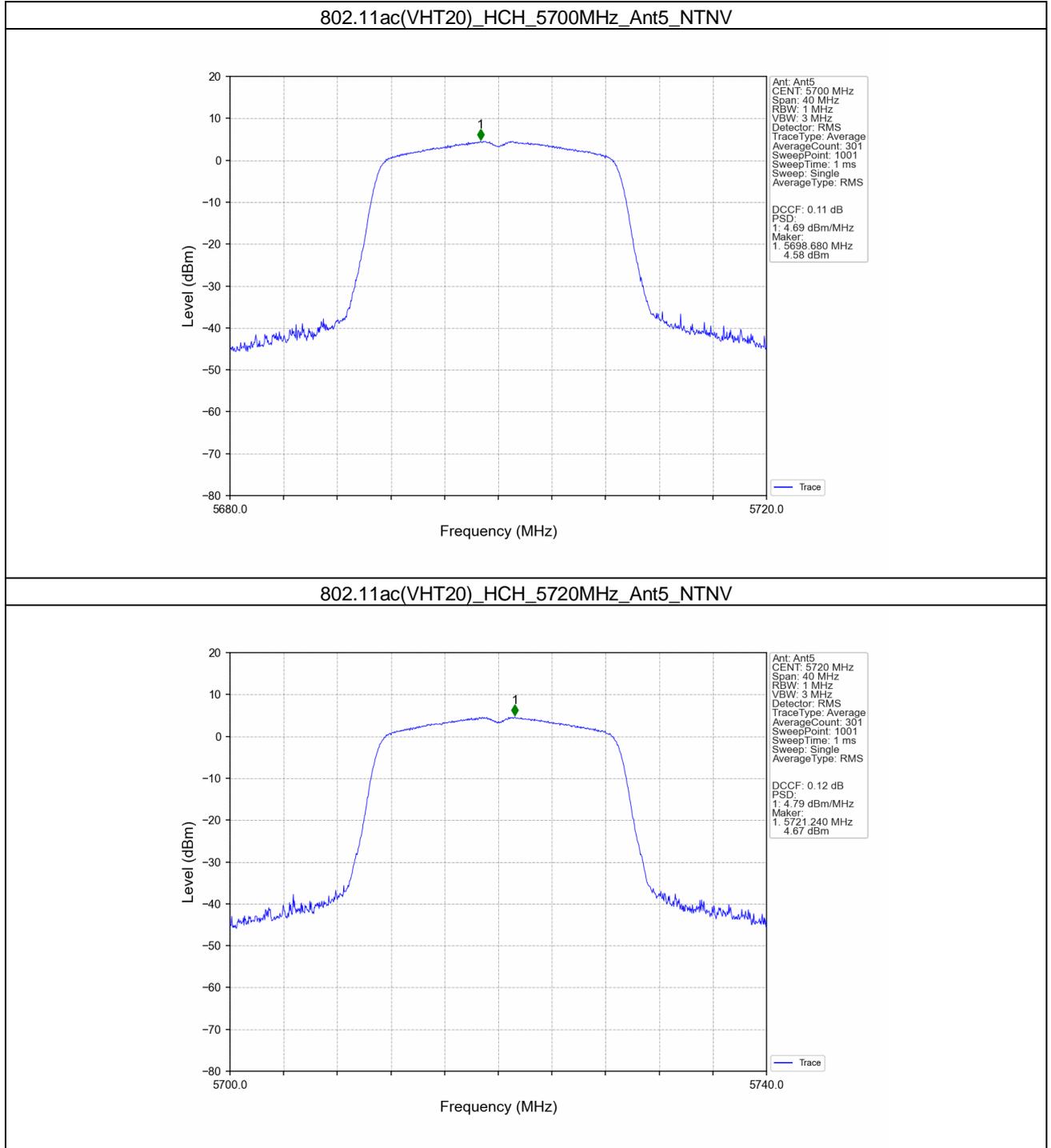
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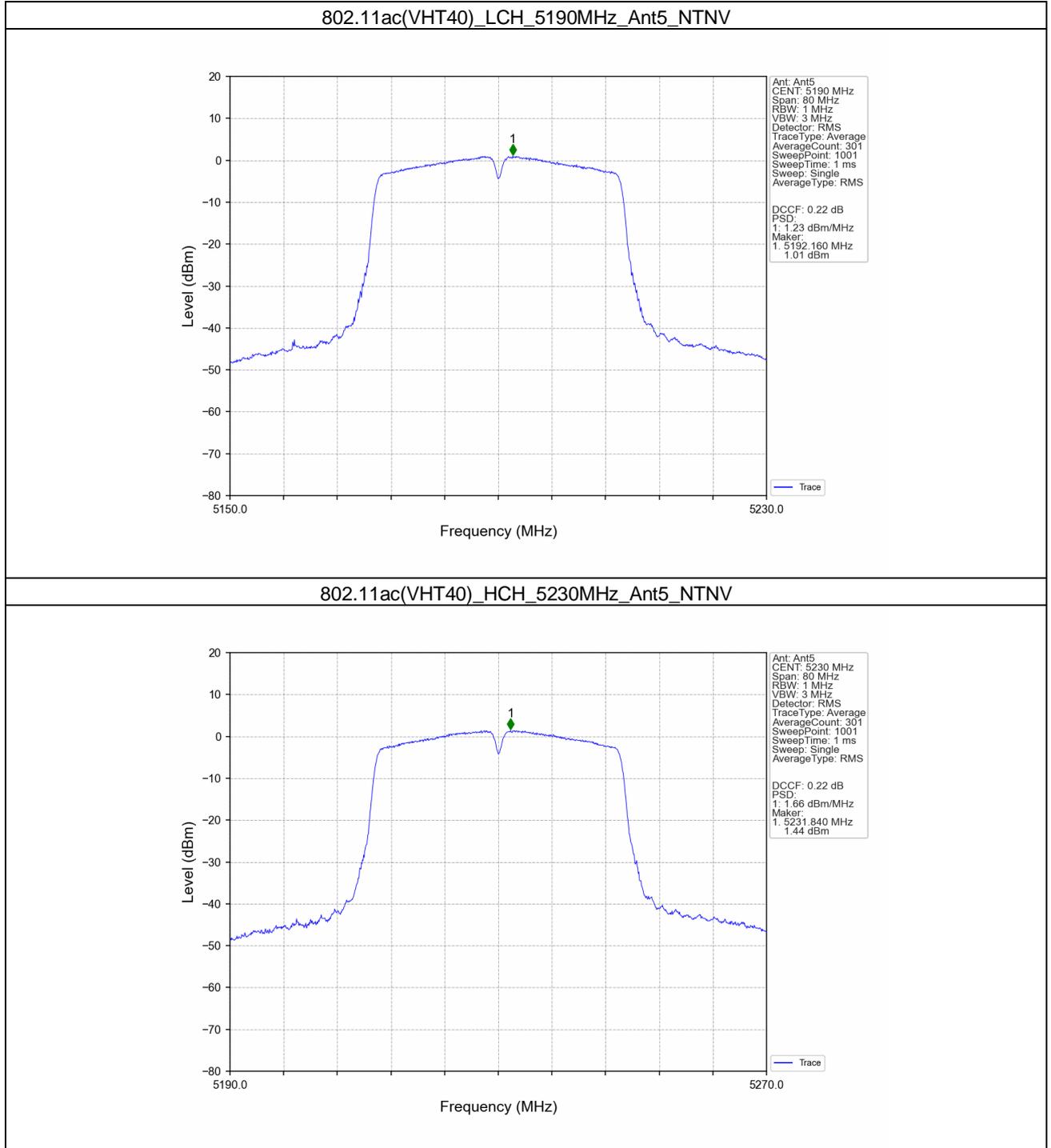
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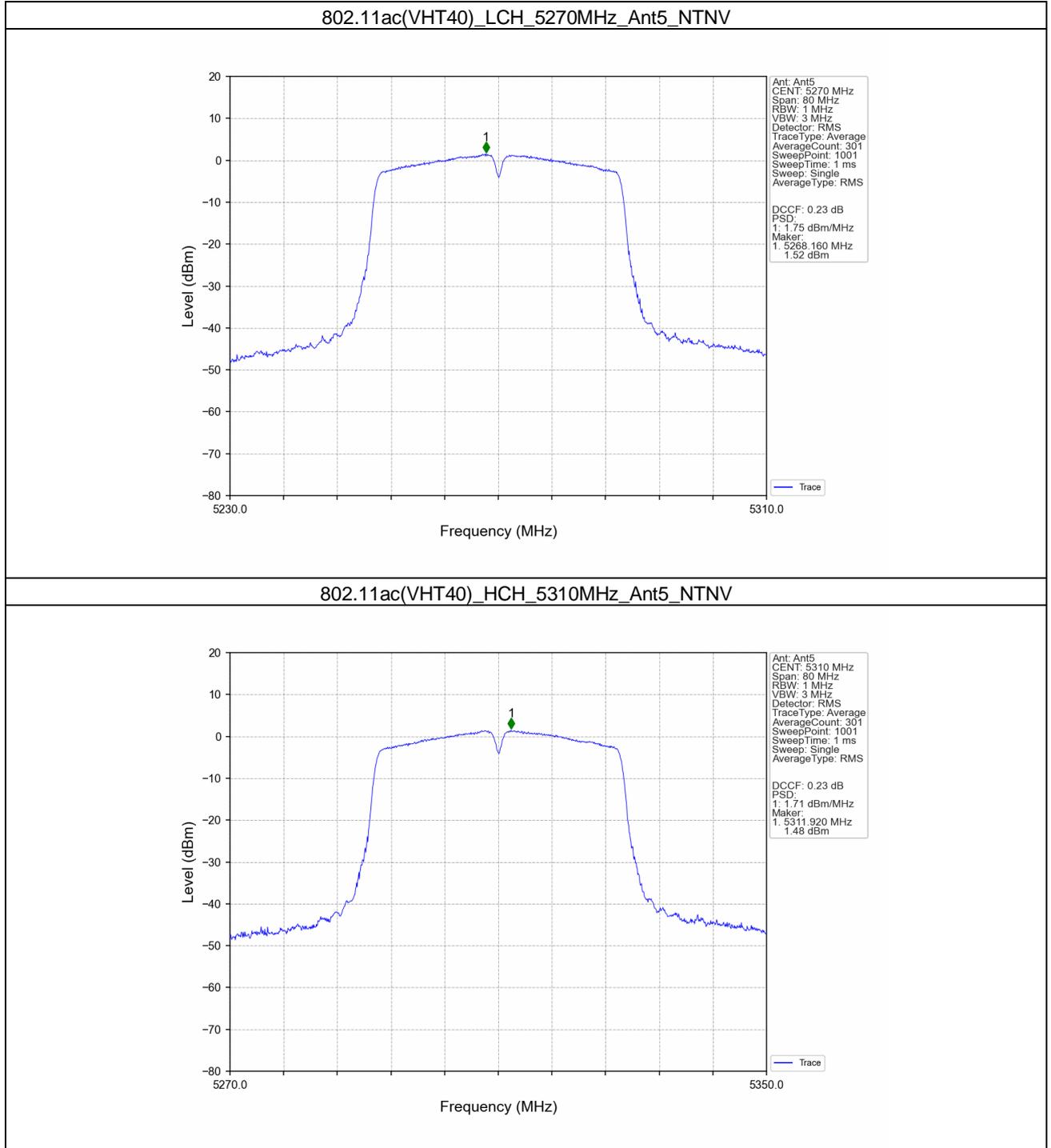
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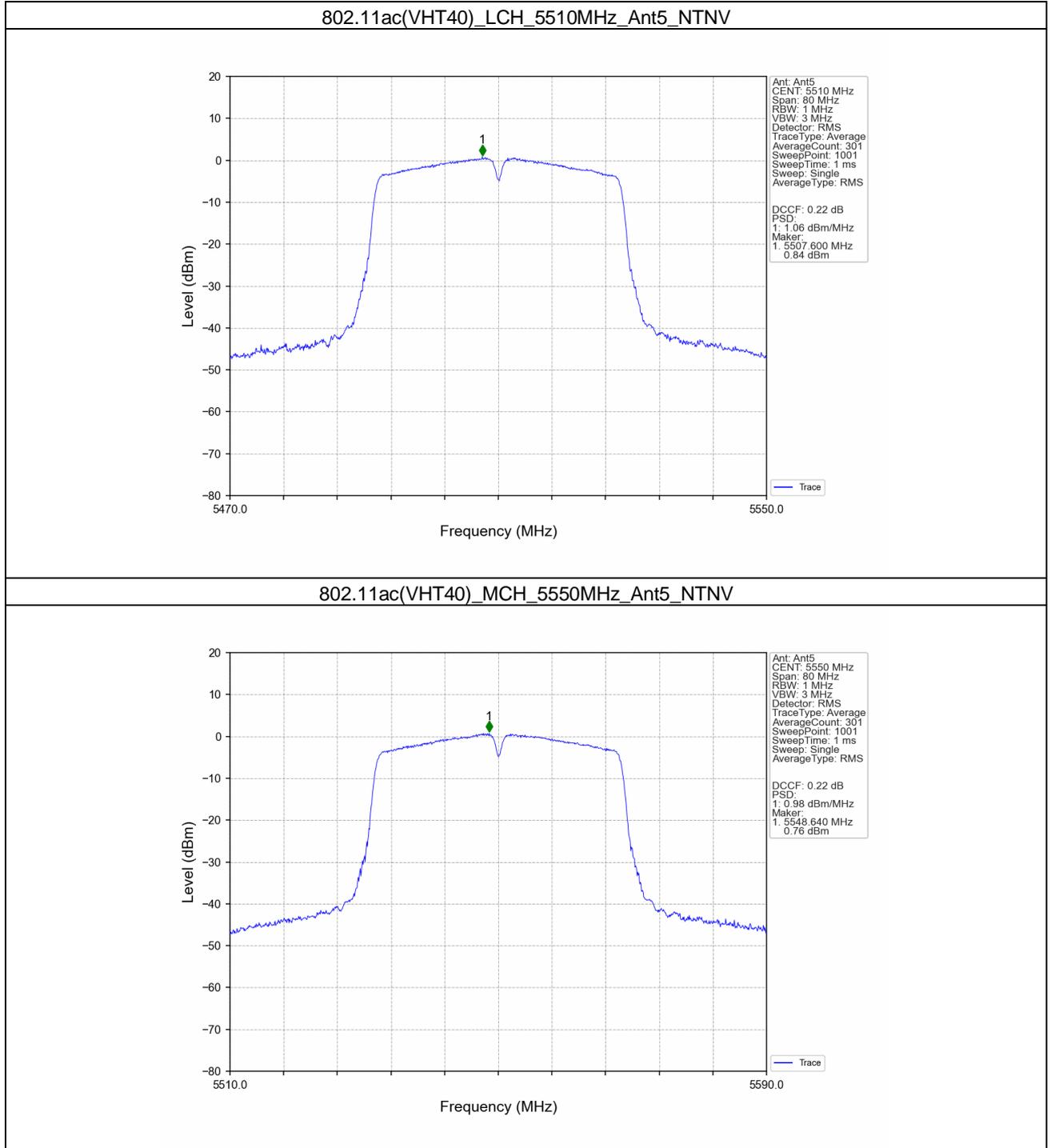
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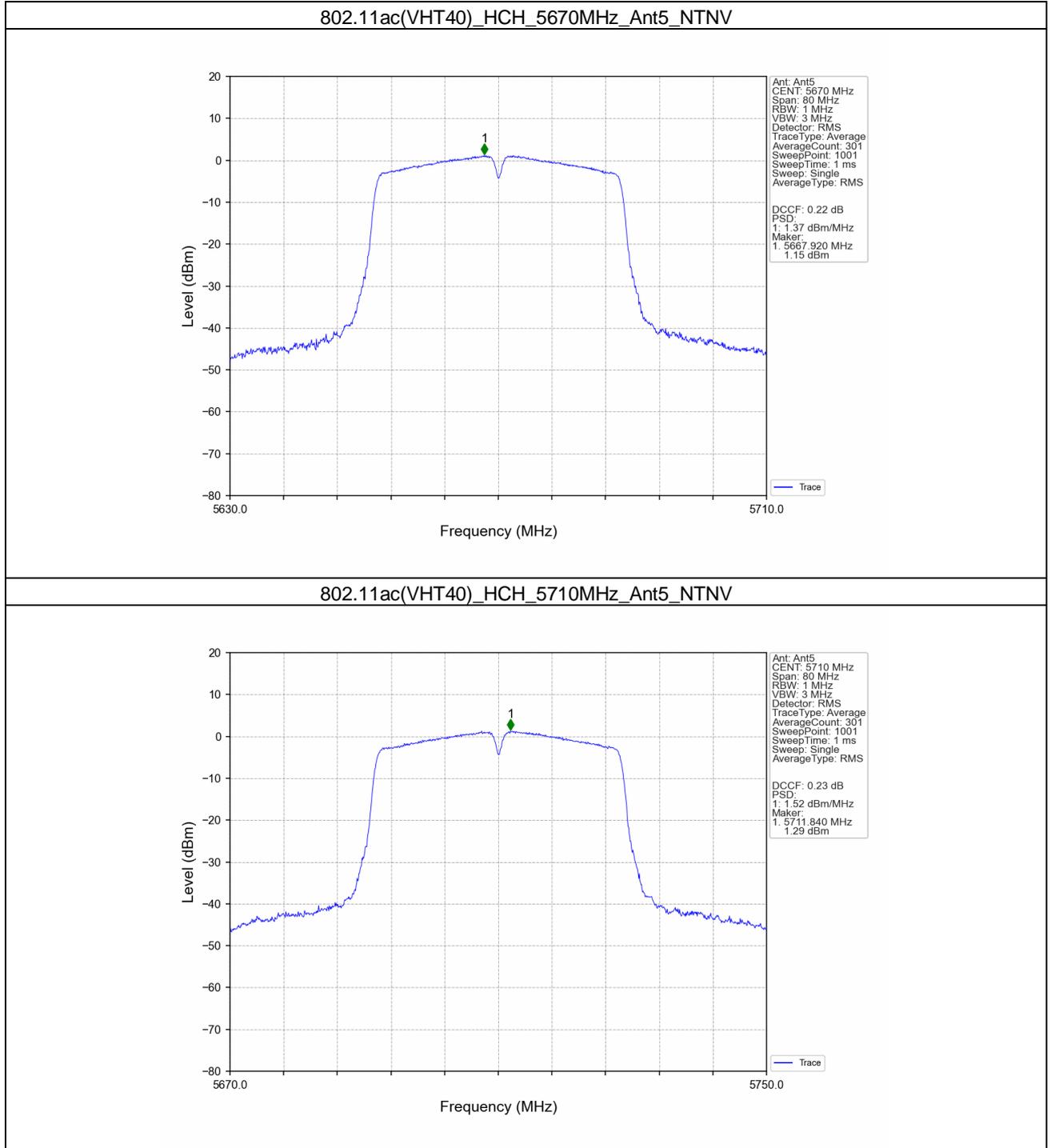
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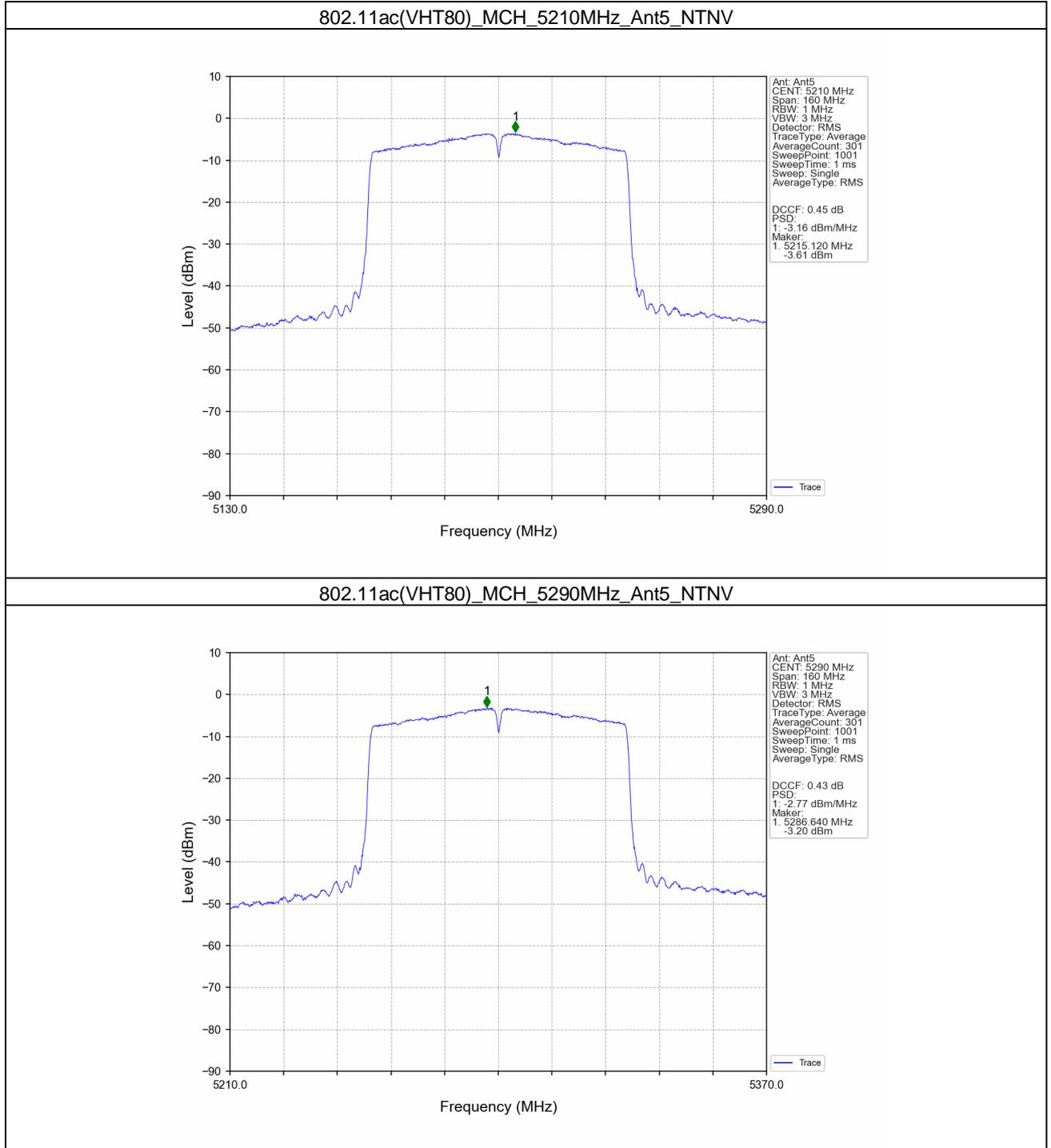


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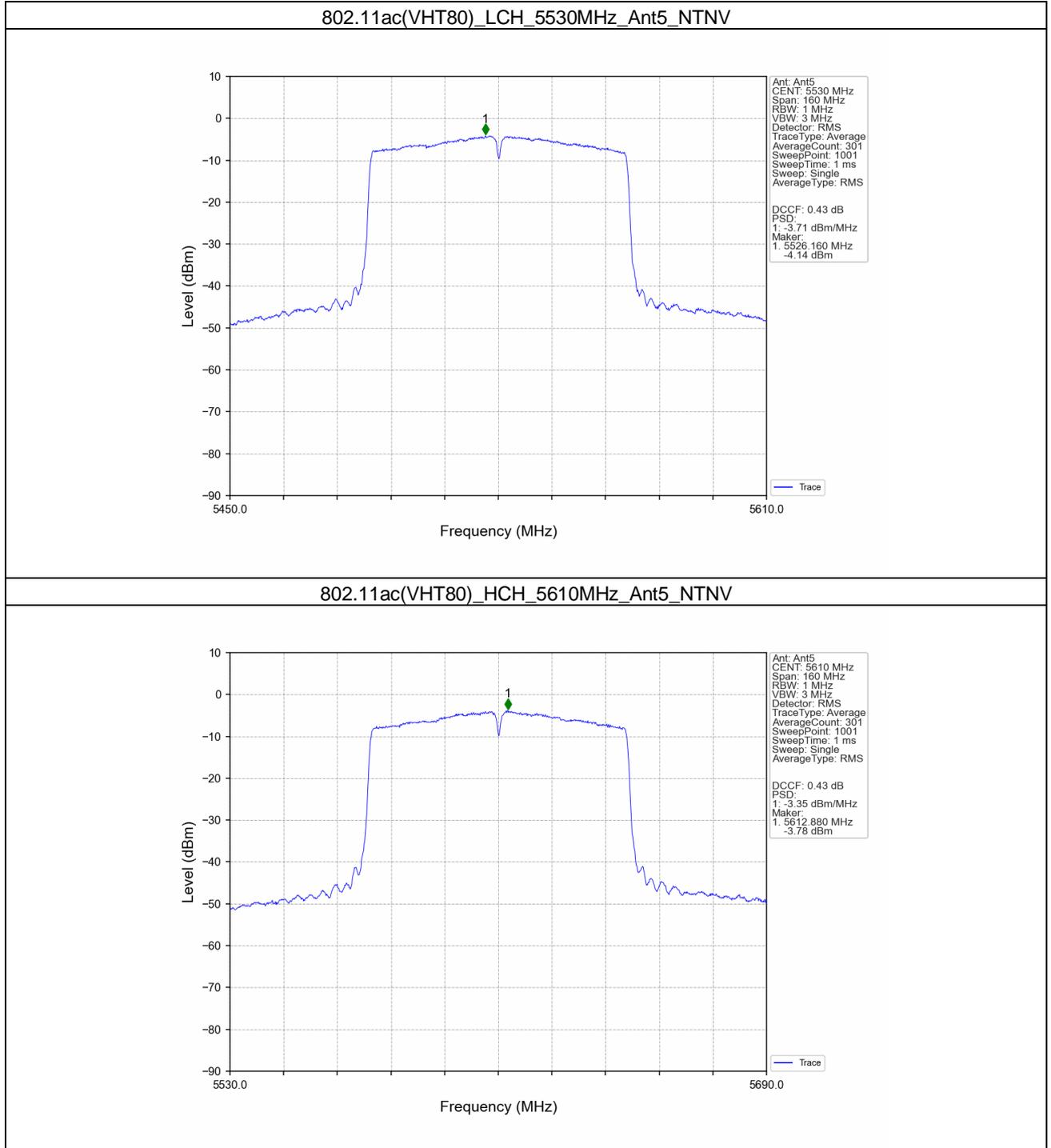


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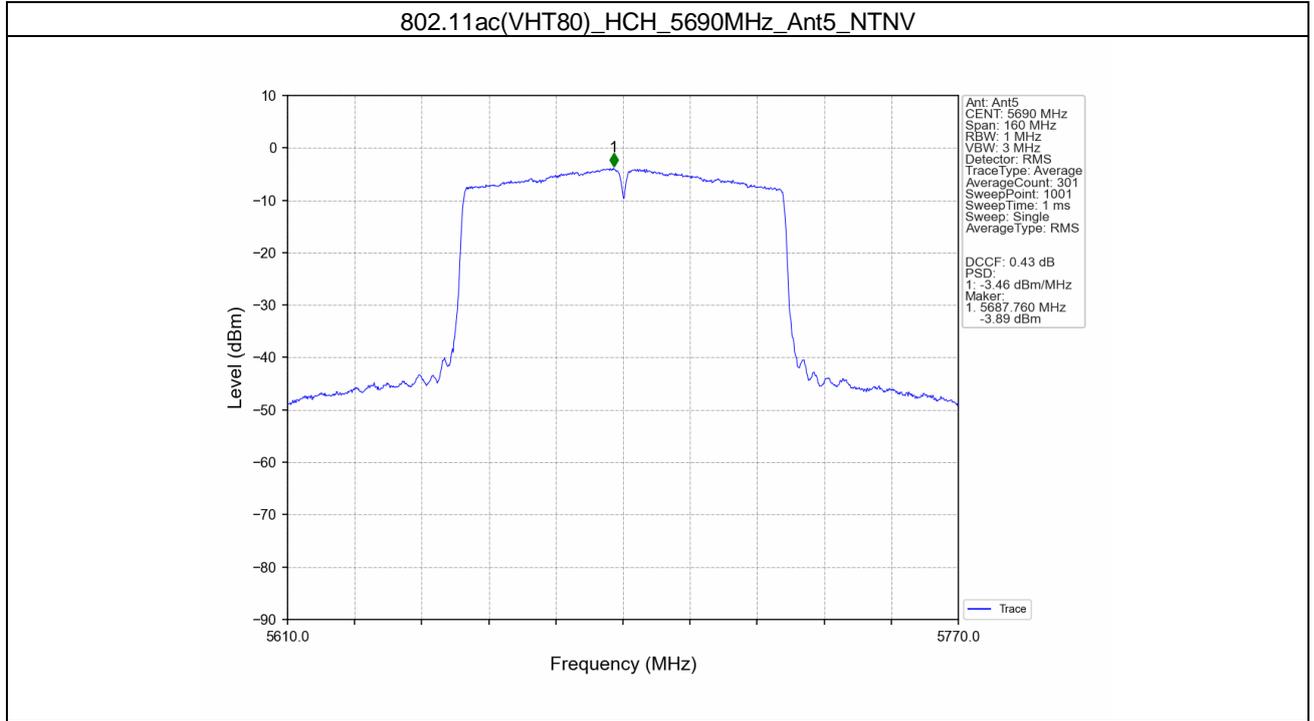


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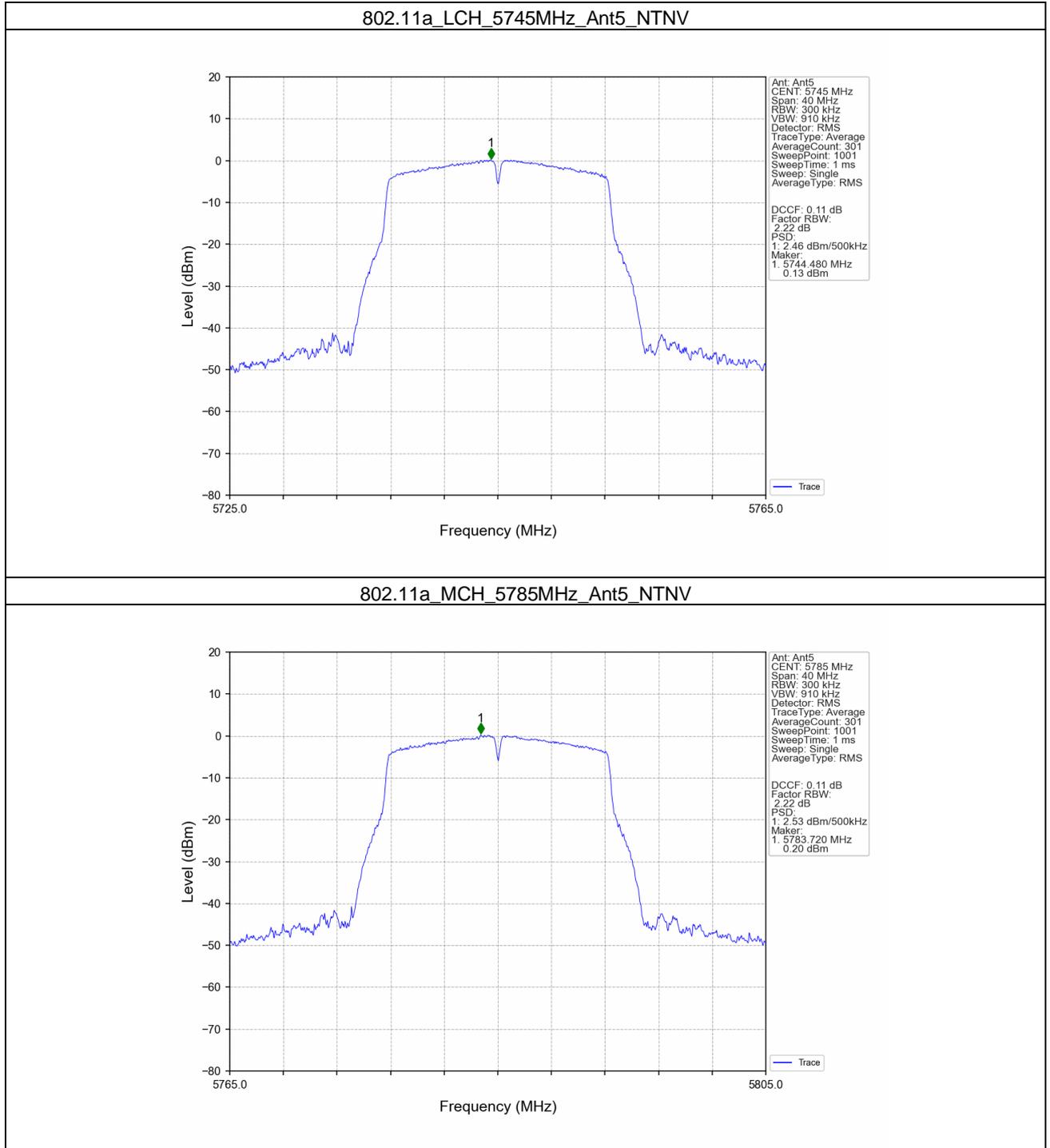
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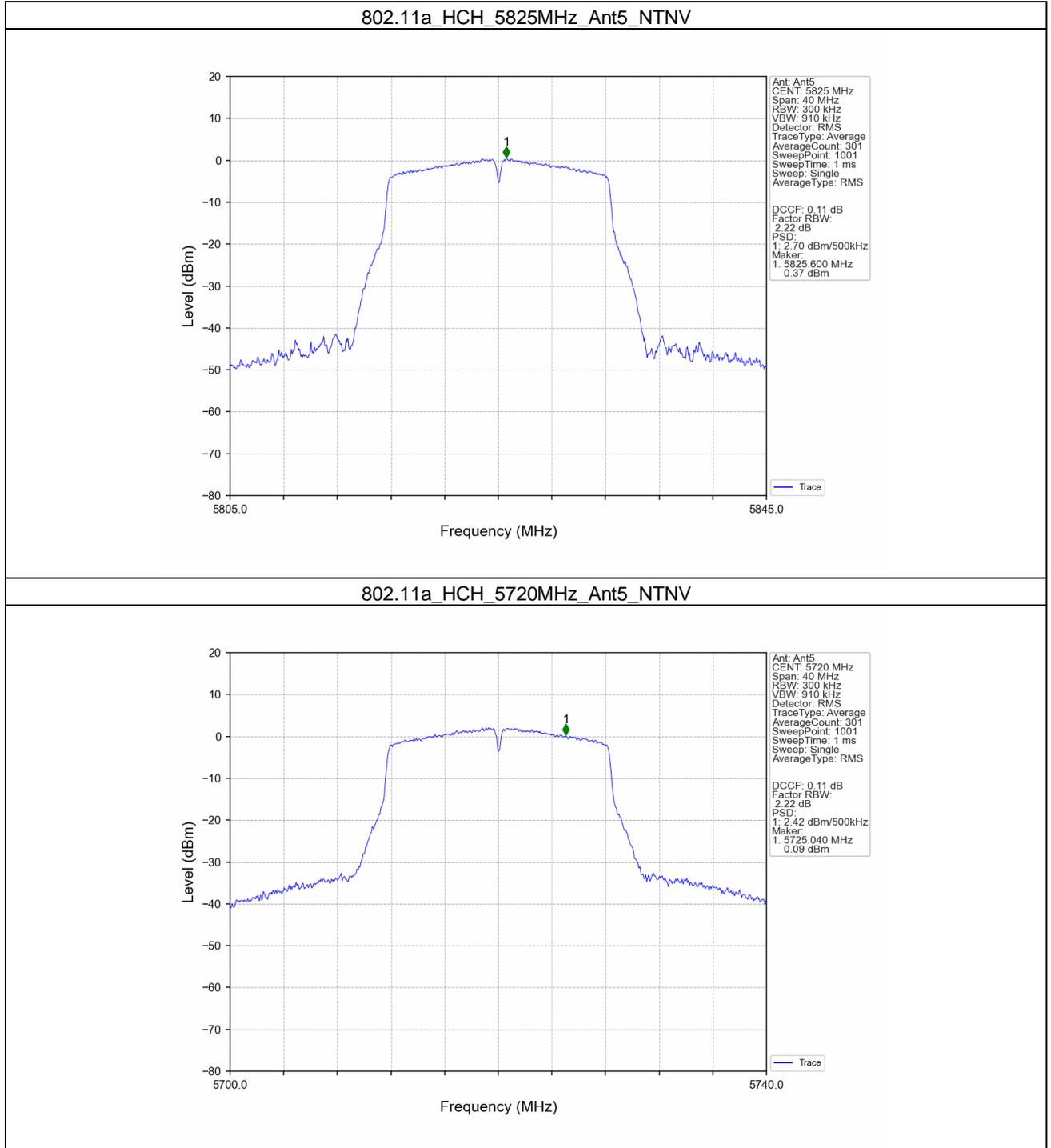
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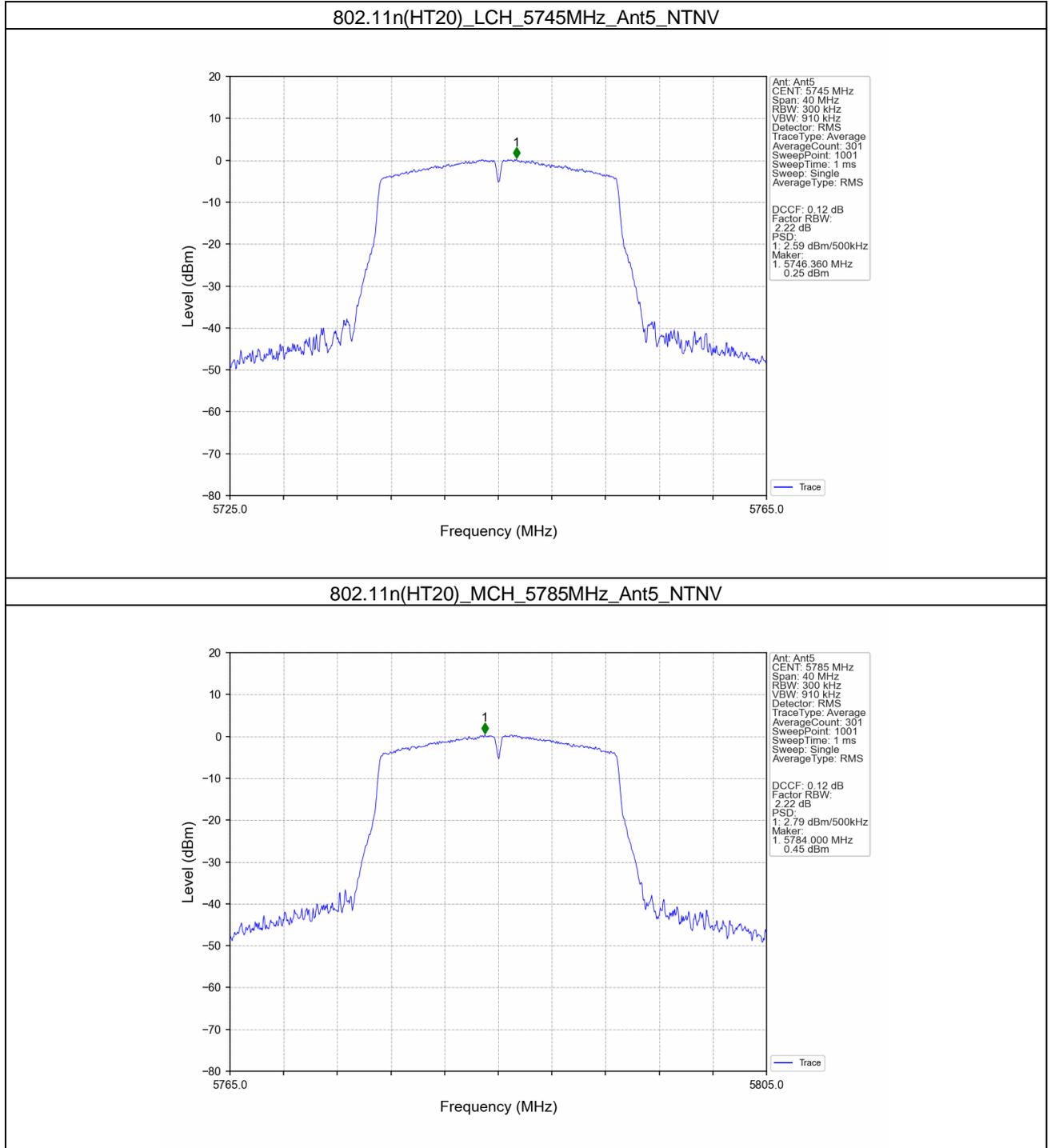
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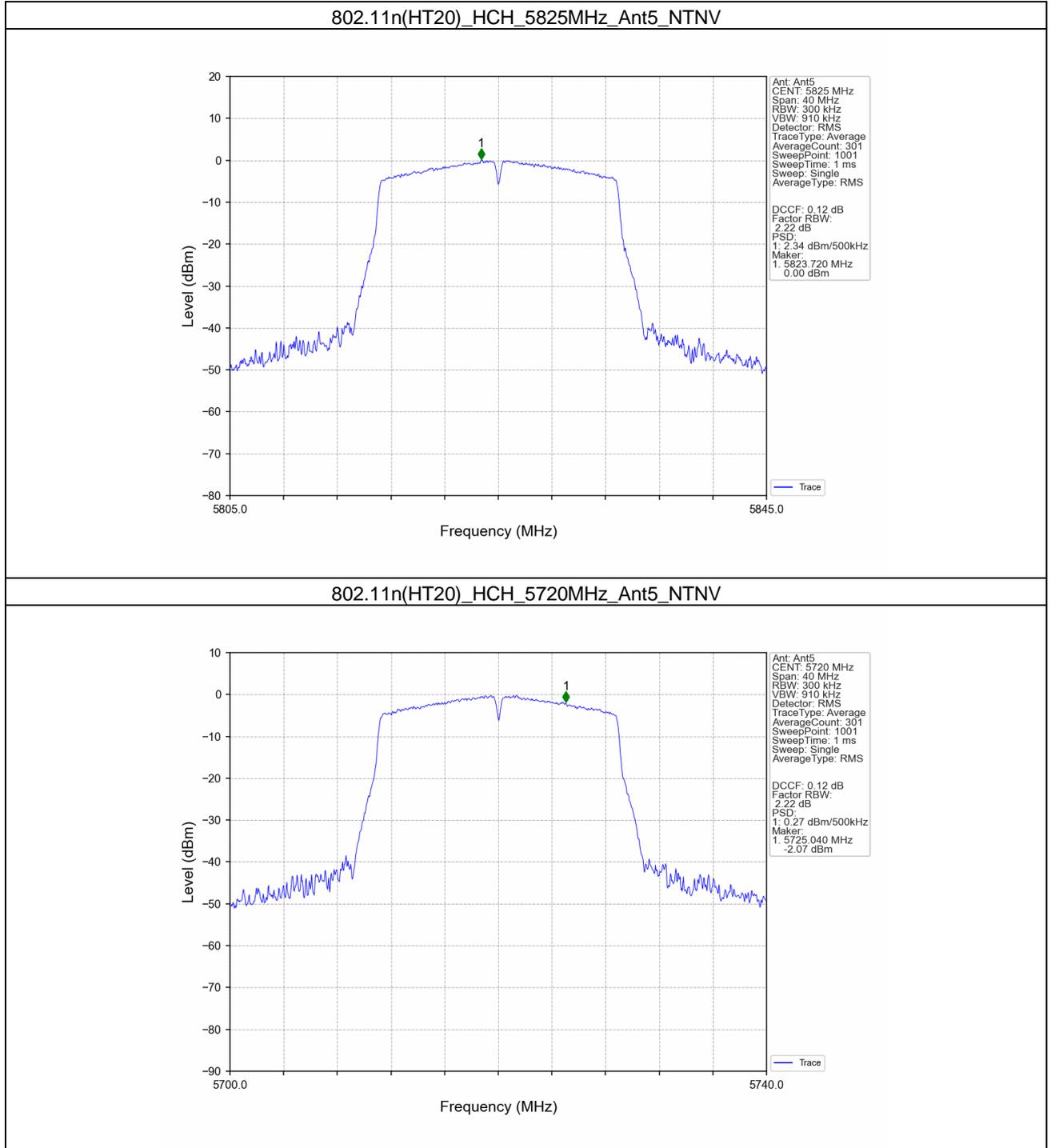
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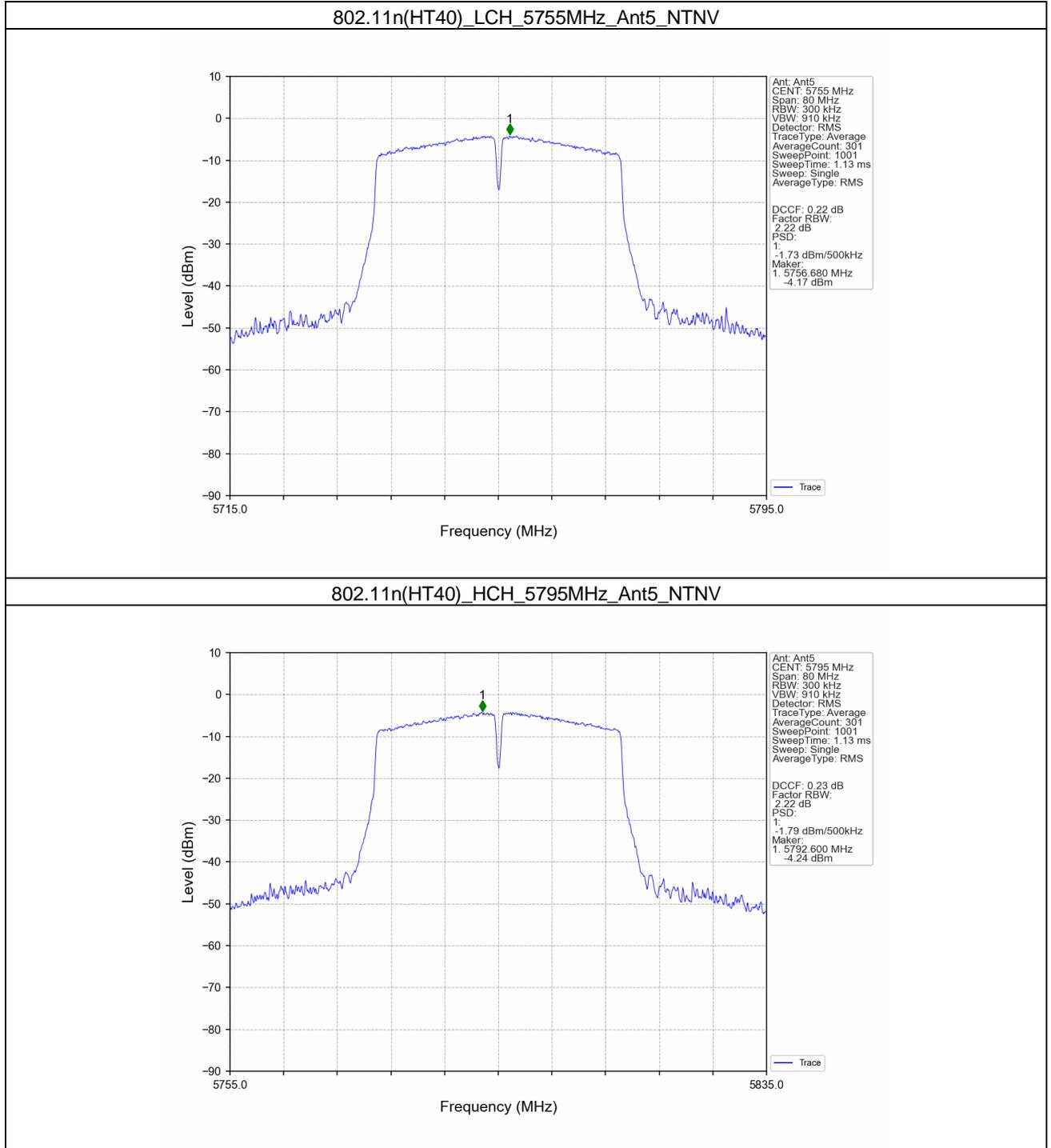


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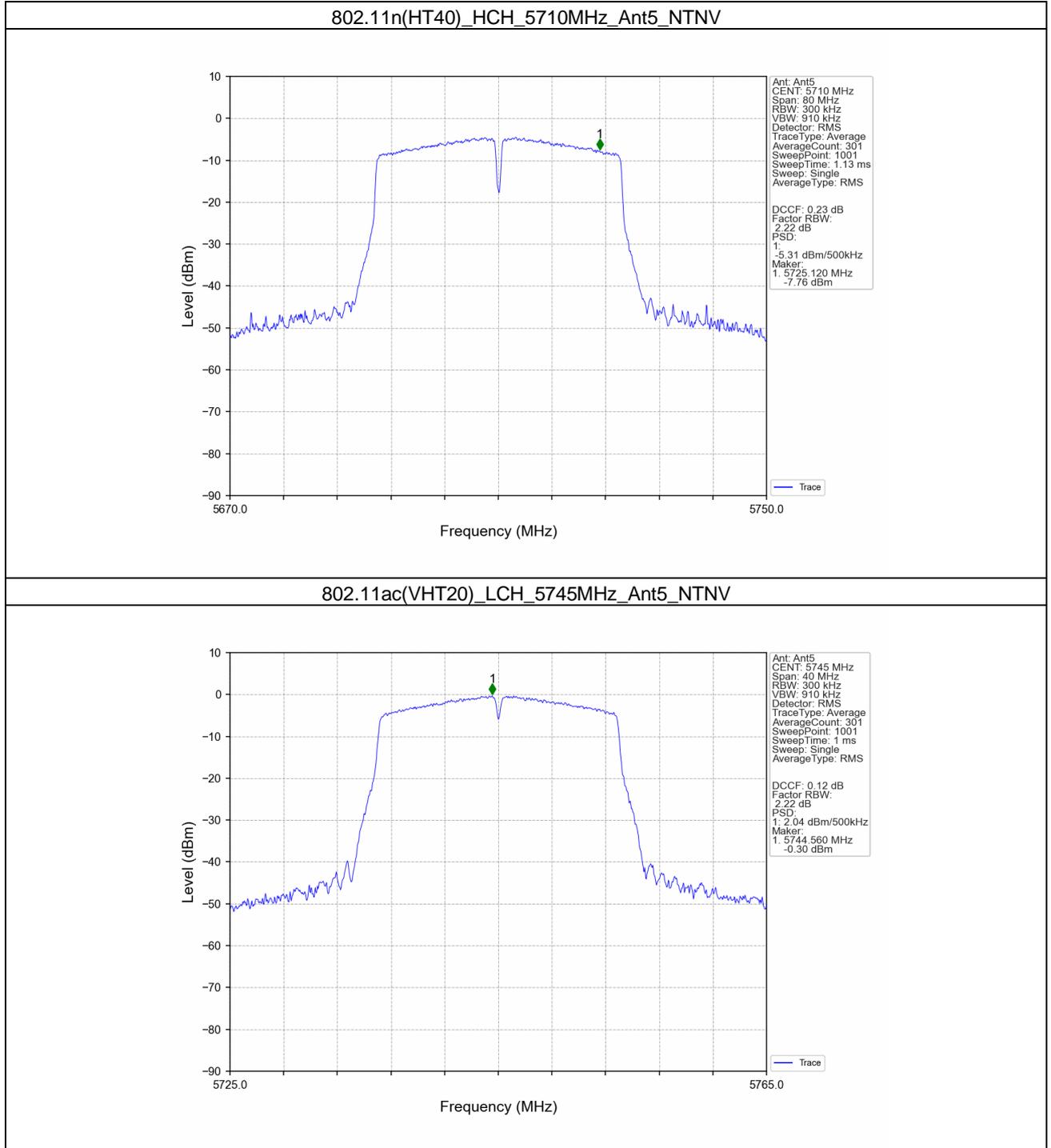


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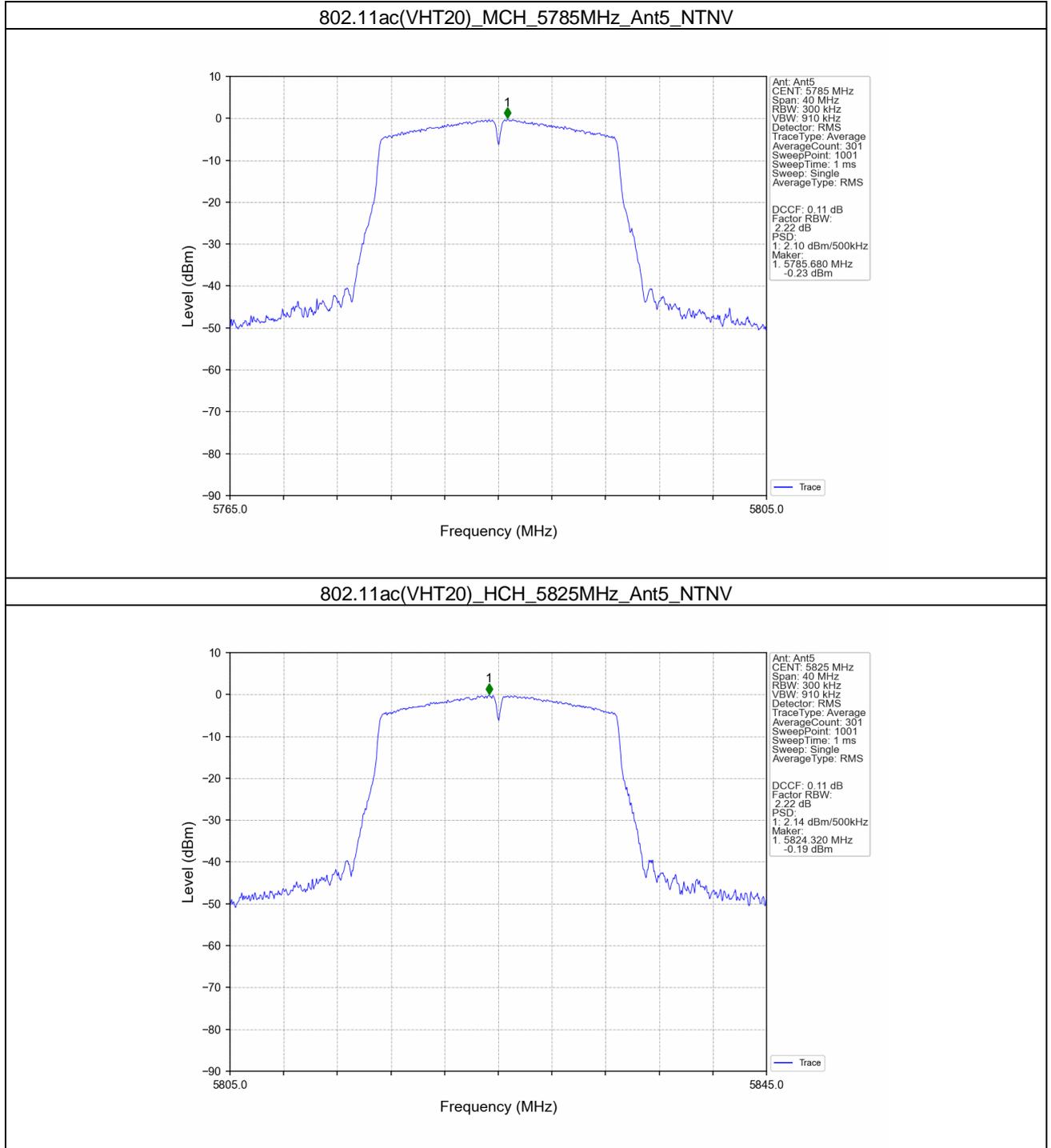
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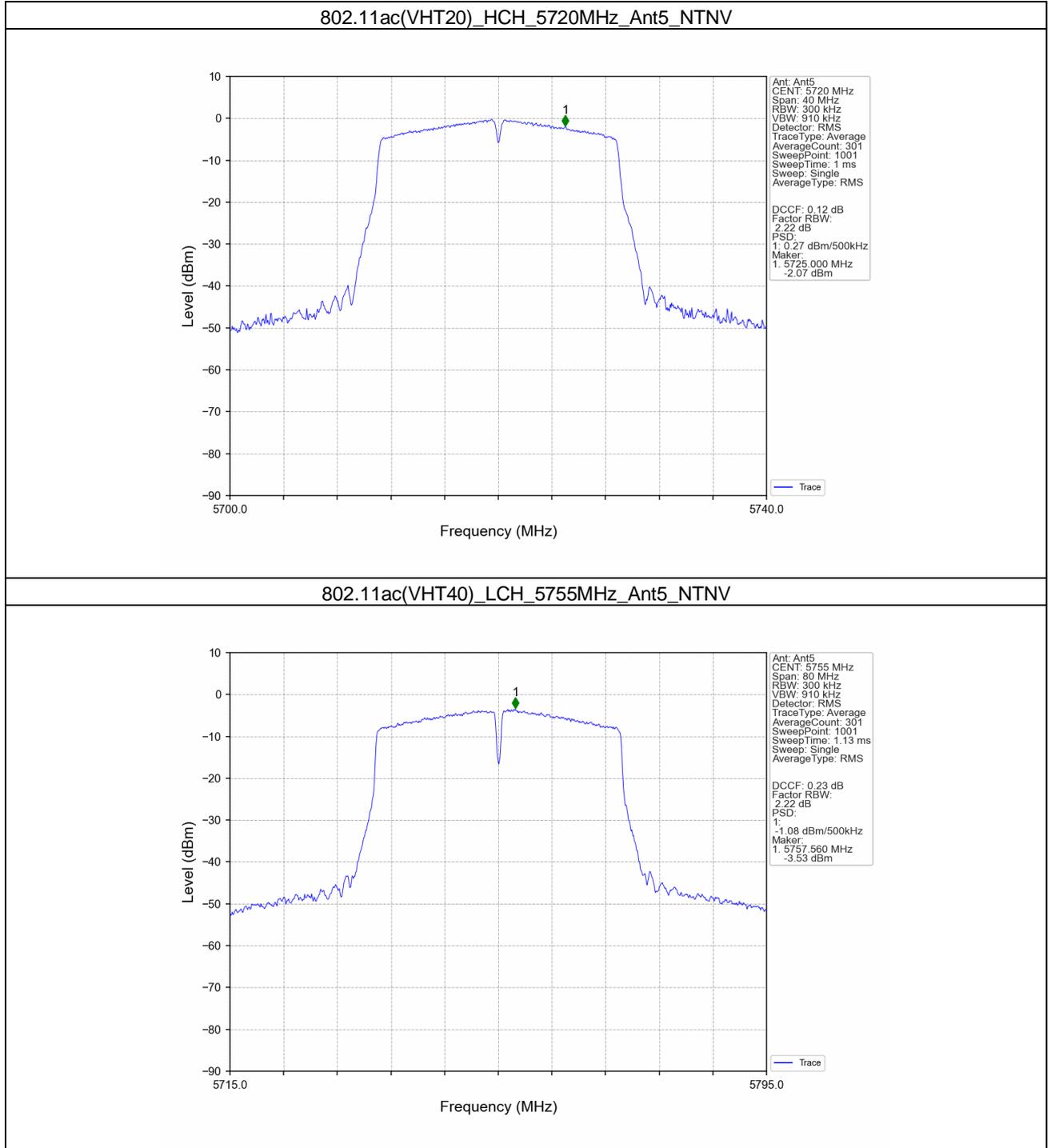


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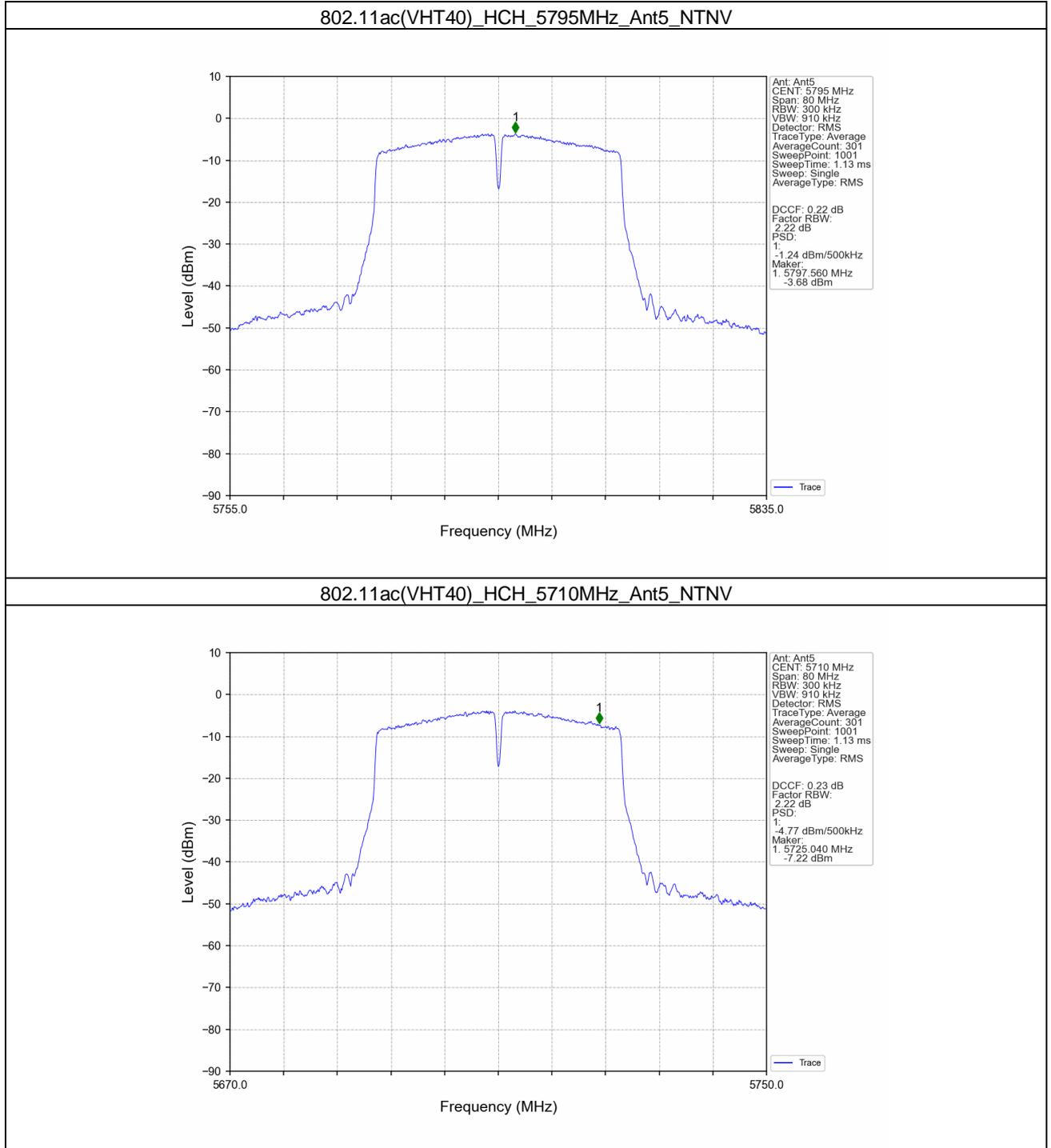


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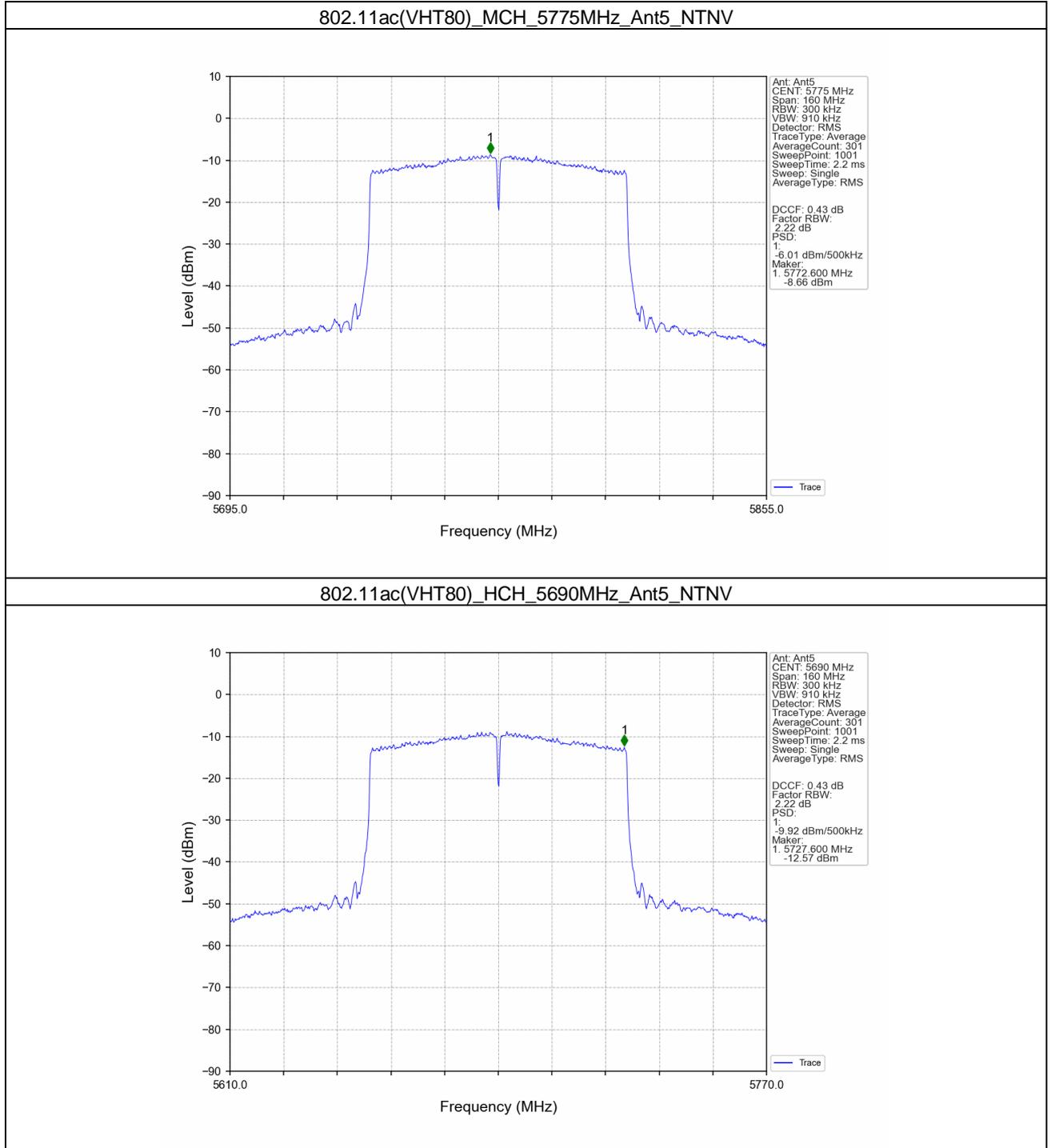
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5. Frequency Stability

5.1 Test Result

5.1.1 Ant5

Ant5							
Mode	TX Type	Frequency (MHz)	Temperature (°C)	Voltage (VAC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
802.11a	SISO	5180	20	102	5180.080	5150 to 5250	Pass
				120	5179.940	5150 to 5250	Pass
				138	5180.020	5150 to 5250	Pass
			-30	120	5180.020	5150 to 5250	Pass
			-20	120	5180.040	5150 to 5250	Pass
			-10	120	5180.120	5150 to 5250	Pass
			0	120	5180.040	5150 to 5250	Pass
			10	120	5180.080	5150 to 5250	Pass
			30	120	5180.040	5150 to 5250	Pass
			40	120	5180.060	5150 to 5250	Pass
			50	120	5179.920	5150 to 5250	Pass
			5200	20	102	5200.020	5150 to 5250
		120			5200.040	5150 to 5250	Pass
		138			5200.080	5150 to 5250	Pass
		-30		120	5200.080	5150 to 5250	Pass
		-20		120	5200.040	5150 to 5250	Pass
		-10		120	5199.960	5150 to 5250	Pass
		0		120	5200.000	5150 to 5250	Pass
		10		120	5199.960	5150 to 5250	Pass
		30		120	5200.020	5150 to 5250	Pass
		40		120	5200.060	5150 to 5250	Pass
		50		120	5200.040	5150 to 5250	Pass
		5240		20	102	5240.000	5150 to 5250
			120		5240.040	5150 to 5250	Pass
			138		5240.040	5150 to 5250	Pass
			-30	120	5240.100	5150 to 5250	Pass
			-20	120	5239.980	5150 to 5250	Pass
			-10	120	5240.020	5150 to 5250	Pass
			0	120	5239.980	5150 to 5250	Pass
			10	120	5240.020	5150 to 5250	Pass
			30	120	5240.000	5150 to 5250	Pass
			40	120	5239.940	5150 to 5250	Pass
			50	120	5240.040	5150 to 5250	Pass
			5260	20	102	5260.060	5250 to 5350
		120			5260.060	5250 to 5350	Pass



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

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			138	5260.040	5250 to 5350	Pass	
		-30	120	5260.100	5250 to 5350	Pass	
		-20	120	5260.040	5250 to 5350	Pass	
		-10	120	5260.020	5250 to 5350	Pass	
		0	120	5259.940	5250 to 5350	Pass	
		10	120	5260.000	5250 to 5350	Pass	
		30	120	5260.060	5250 to 5350	Pass	
		40	120	5260.000	5250 to 5350	Pass	
		50	120	5260.060	5250 to 5350	Pass	
	5300	20	102	5300.020	5250 to 5350	Pass	
			120	5300.080	5250 to 5350	Pass	
			138	5300.000	5250 to 5350	Pass	
			-30	120	5300.000	5250 to 5350	Pass
			-20	120	5300.100	5250 to 5350	Pass
			-10	120	5300.040	5250 to 5350	Pass
			0	120	5300.080	5250 to 5350	Pass
			10	120	5300.040	5250 to 5350	Pass
			30	120	5299.980	5250 to 5350	Pass
			40	120	5300.020	5250 to 5350	Pass
			50	120	5300.040	5250 to 5350	Pass
		5320	20	102	5320.060	5250 to 5350	Pass
				120	5320.040	5250 to 5350	Pass
	138			5320.020	5250 to 5350	Pass	
			-30	120	5320.020	5250 to 5350	Pass
			-20	120	5320.000	5250 to 5350	Pass
			-10	120	5320.040	5250 to 5350	Pass
			0	120	5320.020	5250 to 5350	Pass
			10	120	5320.060	5250 to 5350	Pass
			30	120	5319.940	5250 to 5350	Pass
			40	120	5320.000	5250 to 5350	Pass
		50	120	5320.020	5250 to 5350	Pass	
	5500	20	102	5500.060	5470 to 5725	Pass	
			120	5500.060	5470 to 5725	Pass	
			138	5500.080	5470 to 5725	Pass	
			-30	120	5499.980	5470 to 5725	Pass
			-20	120	5500.020	5470 to 5725	Pass
			-10	120	5499.980	5470 to 5725	Pass
			0	120	5500.020	5470 to 5725	Pass
			10	120	5500.040	5470 to 5725	Pass
			30	120	5499.980	5470 to 5725	Pass
			40	120	5500.060	5470 to 5725	Pass
		50	120	5500.020	5470 to 5725	Pass	
	5580	20	102	5580.060	5470 to 5725	Pass	
			120	5580.040	5470 to 5725	Pass	
			138	5579.960	5470 to 5725	Pass	
			-30	120	5580.080	5470 to 5725	Pass
			-20	120	5580.100	5470 to 5725	Pass



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