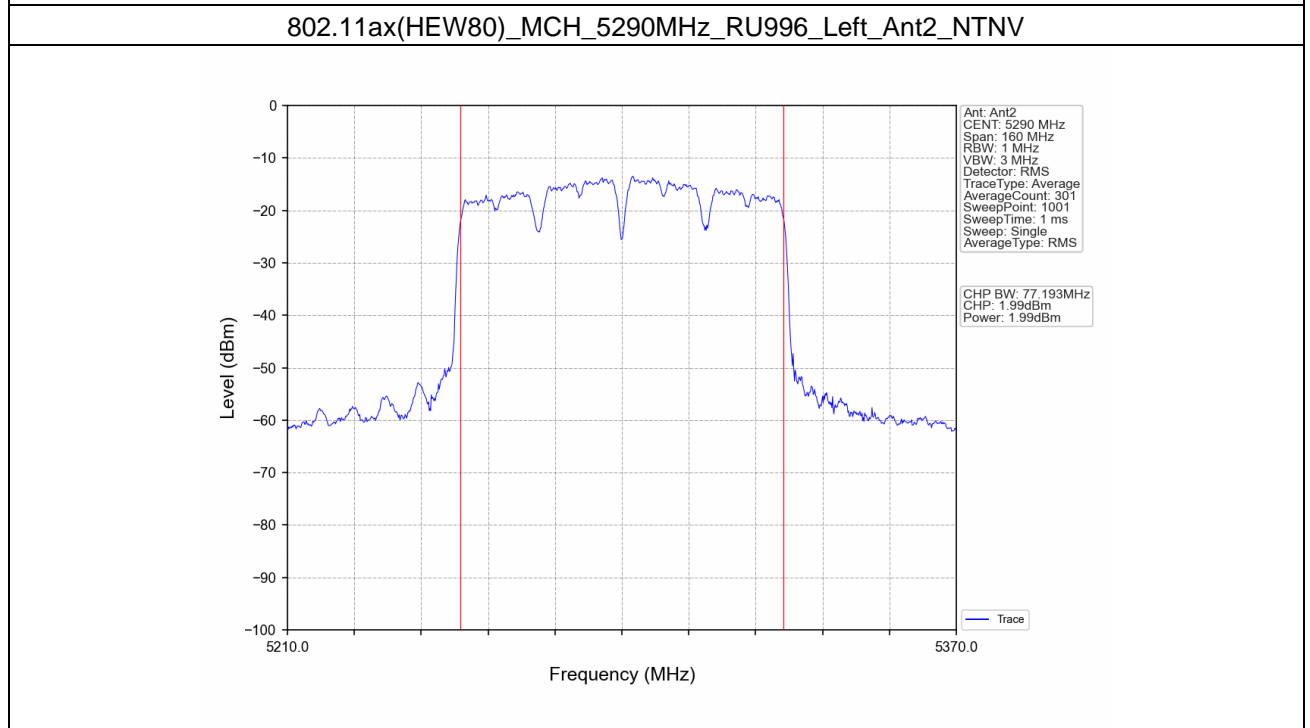
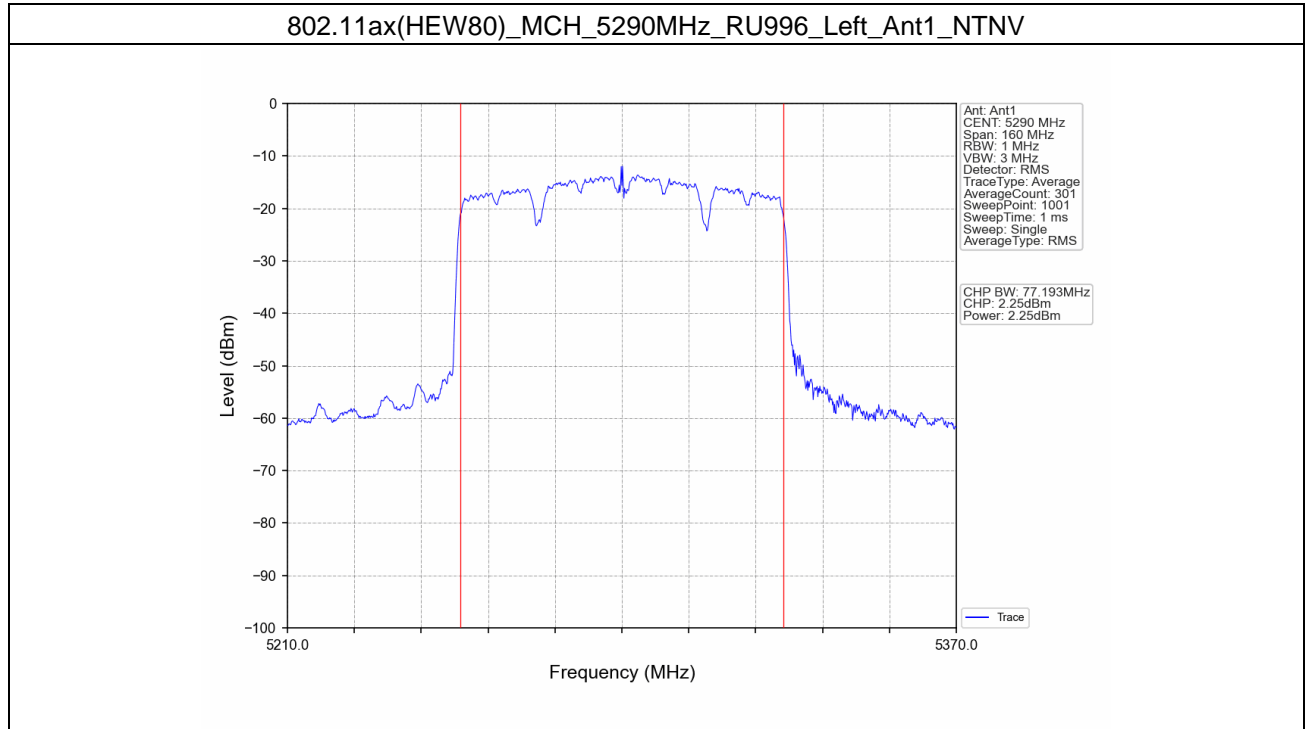
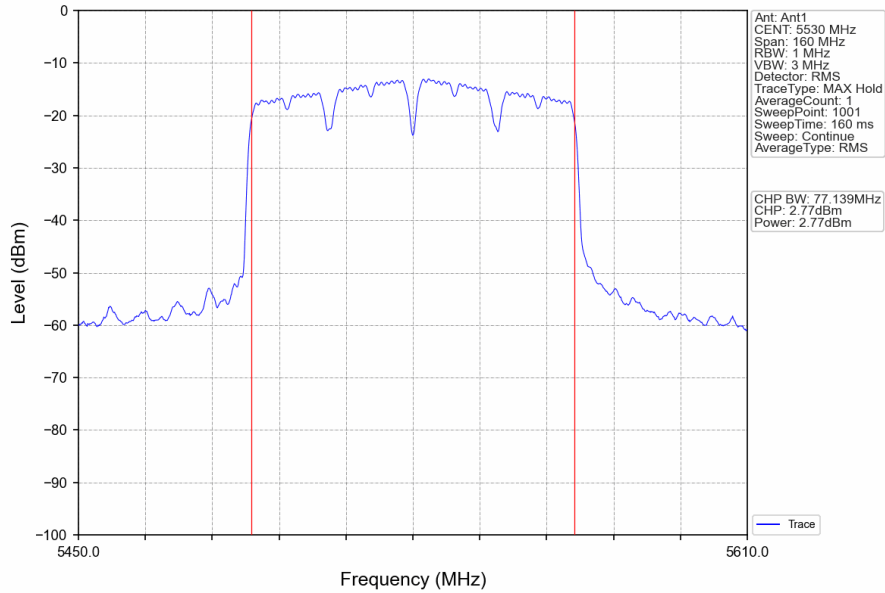


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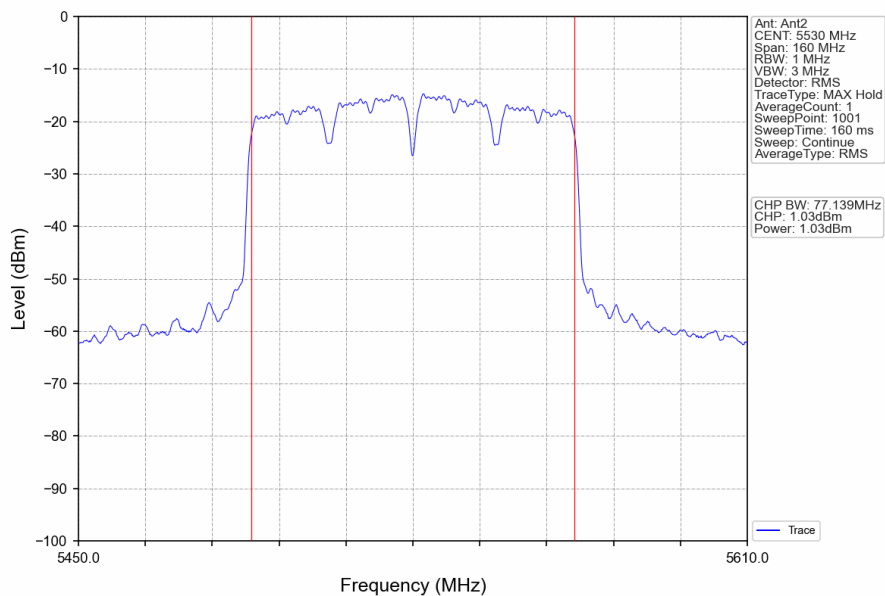
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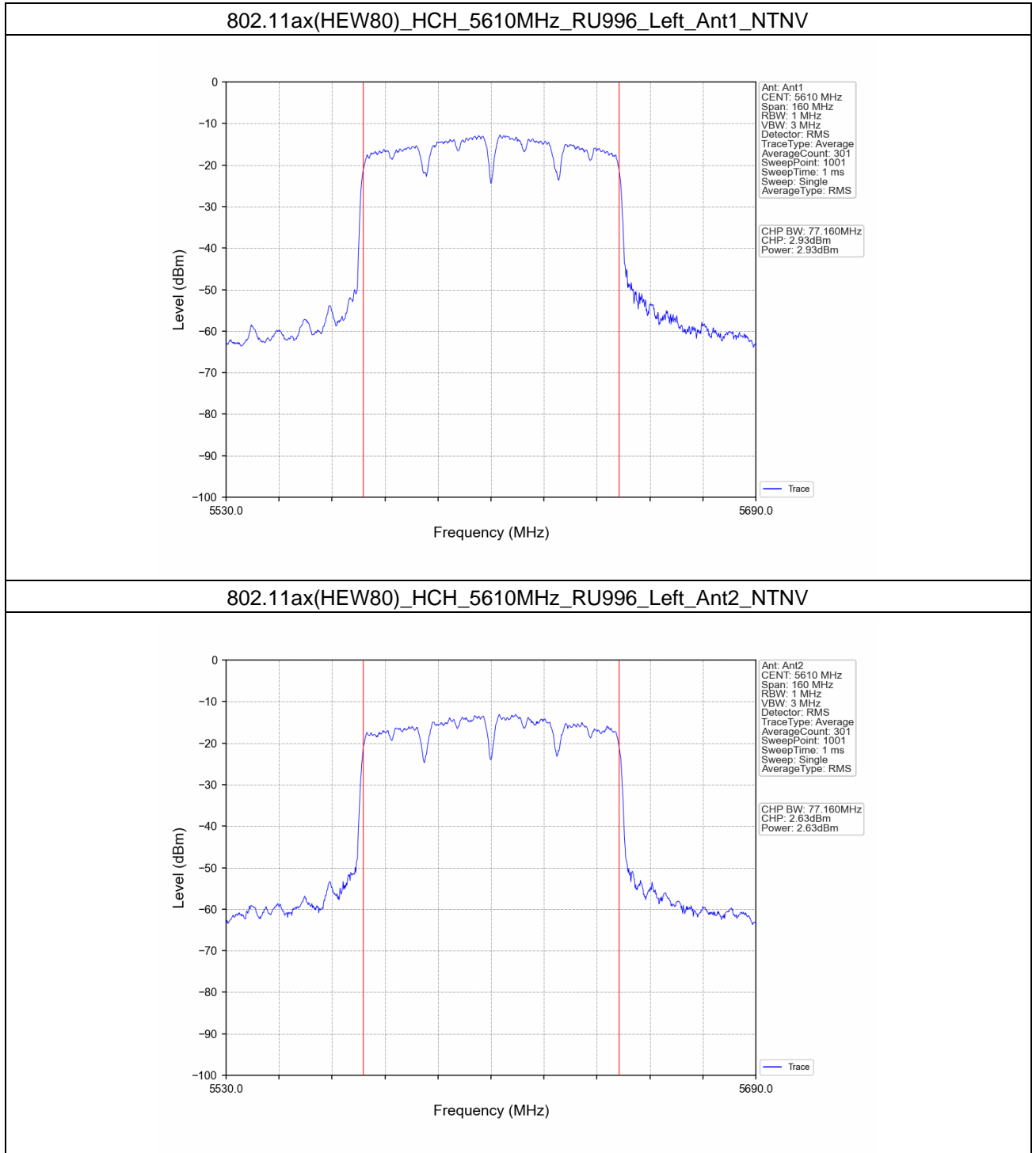


802.11ax(HEW80)\_LCH\_5530MHz\_RU996\_Left\_Ant1\_NTNV



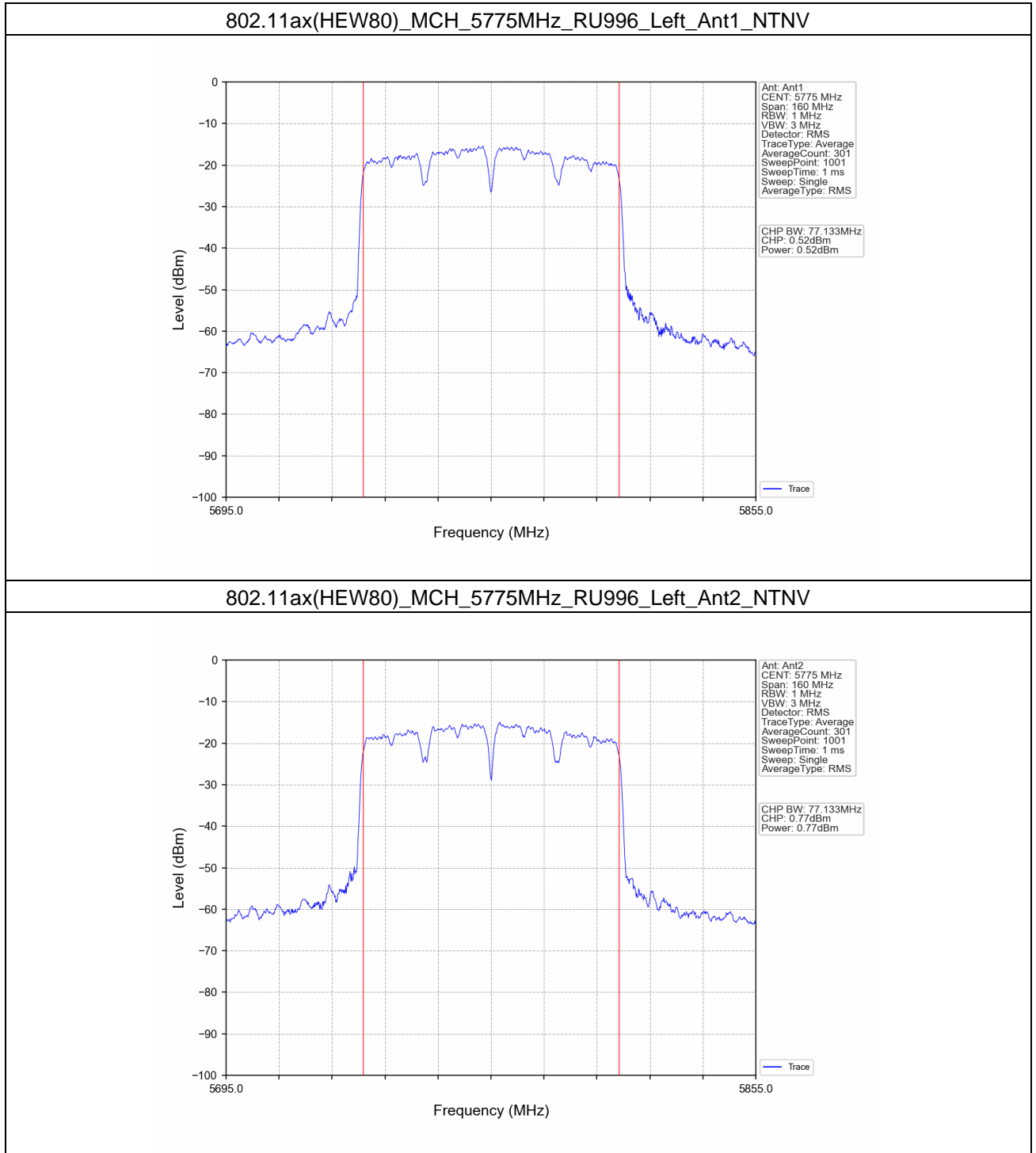
802.11ax(HEW80)\_LCH\_5530MHz\_RU996\_Left\_Ant2\_NTNV





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## 4. Maximum Power Spectral Density

### 4.1 PSD

#### 4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/MHz)				Verdict
					ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5180	/	/	2.46	2.17	/	<=11	Pass
		5200	/	/	2.80	2.07	/	<=11	Pass
		5240	/	/	3.49	2.59	/	<=11	Pass
		5260	/	/	2.99	2.27	/	<=11	Pass
		5300	/	/	2.93	2.59	/	<=11	Pass
		5320	/	/	3.67	1.93	/	<=11	Pass
		5500	/	/	2.77	1.65	/	<=11	Pass
		5580	/	/	2.09	2.25	/	<=11	Pass
		5700	/	/	2.03	1.44	/	<=11	Pass
802.11n (HT20)	MIMO	5180	/	/	0.88	0.45	3.60	<=11	Pass
		5200	/	/	1.06	0.89	3.95	<=11	Pass
		5240	/	/	0.78	0.15	3.39	<=11	Pass
		5260	/	/	0.45	-0.09	3.12	<=11	Pass
		5300	/	/	1.77	1.00	4.34	<=11	Pass
		5320	/	/	1.60	0.64	4.07	<=11	Pass
		5500	/	/	1.05	-0.42	3.25	<=11	Pass
		5580	/	/	0.14	0.07	3.00	<=11	Pass
802.11n (HT40)	MIMO	5190	/	/	0.48	0.68	3.50	<=11	Pass
		5230	/	/	0.74	0.89	3.78	<=11	Pass
		5270	/	/	0.98	0.66	3.80	<=11	Pass
		5310	/	/	1.11	0.23	3.62	<=11	Pass
		5510	/	/	0.76	-0.13	3.29	<=11	Pass
		5550	/	/	1.05	0.07	3.47	<=11	Pass
		5670	/	/	-0.42	-0.26	2.58	<=11	Pass
802.11ac (VHT20)	MIMO	5180	/	/	1.05	0.69	3.84	<=11	Pass
		5200	/	/	0.79	0.60	3.66	<=11	Pass
		5240	/	/	1.81	-0.16	3.81	<=11	Pass
		5260	/	/	0.63	-0.10	3.15	<=11	Pass
		5300	/	/	3.27	-0.24	4.68	<=11	Pass
		5320	/	/	0.79	0.16	3.29	<=11	Pass



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		5500	/	/	0.20	-1.43	2.41	<=11	Pass
		5580	/	/	-0.17	-0.84	2.47	<=11	Pass
		5700	/	/	-1.30	-1.92	1.35	<=11	Pass
802.11ac (VHT40)	MIMO	5190	/	/	0.98	0.30	3.66	<=11	Pass
		5230	/	/	0.86	0.79	3.80	<=11	Pass
		5270	/	/	0.74	0.76	3.70	<=11	Pass
		5310	/	/	0.69	0.68	3.54	<=11	Pass
		5510	/	/	1.07	0.12	3.59	<=11	Pass
		5550	/	/	1.39	-0.51	3.35	<=11	Pass
		5670	/	/	-0.57	-0.26	2.52	<=11	Pass
		802.11ac (VHT80)	MIMO	5210	/	/	-3.91	-1.26	-0.22
5290	/			/	-4.67	-2.09	-1.37	<=11	Pass
5530	/			/	-4.27	-5.94	-2.04	<=11	Pass
5610	/			/	-4.89	-5.24	-2.13	<=11	Pass
802.11ax (HEW20)	MIMO	5180	RU242	Left	1.34	-0.09	3.67	<=11	Pass
		5200	RU242	Left	1.11	0.84	3.92	<=11	Pass
		5240	RU242	Left	0.86	0.34	3.53	<=11	Pass
		5260	RU242	Left	1.21	0.36	3.69	<=11	Pass
		5300	RU242	Left	1.55	1.35	4.36	<=11	Pass
		5320	RU242	Left	1.36	0.91	3.96	<=11	Pass
		5500	RU242	Left	1.54	-0.44	3.61	<=11	Pass
		5580	RU242	Left	1.46	0.17	3.22	<=11	Pass
802.11ax (HEW40)	MIMO	5190	RU484	Left	-9.15	-9.57	-6.42	<=11	Pass
		5230	RU484	Left	-8.70	-8.70	-5.70	<=11	Pass
		5270	RU484	Left	-9.07	-9.11	-6.27	<=11	Pass
		5310	RU484	Left	-9.12	-8.93	-6.23	<=11	Pass
		5510	RU484	Left	-8.10	-9.69	-5.91	<=11	Pass
		5550	RU484	Left	-9.69	-10.95	-7.31	<=11	Pass
802.11ax (HEW80)	MIMO	5670	RU484	Left	-11.15	-11.34	-8.27	<=11	Pass
		5210	RU996	Left	-14.61	-14.51	-11.55	<=11	Pass
		5290	RU996	Left	-13.81	-13.17	-10.47	<=11	Pass
		5530	RU996	Left	-13.01	-14.70	-10.84	<=11	Pass
		5610	RU996	Left	-12.88	-12.69	-9.93	<=11	Pass

Note1: Antenna Gain: Ant1: 2.85dBi; Ant2: 2.92dBi;



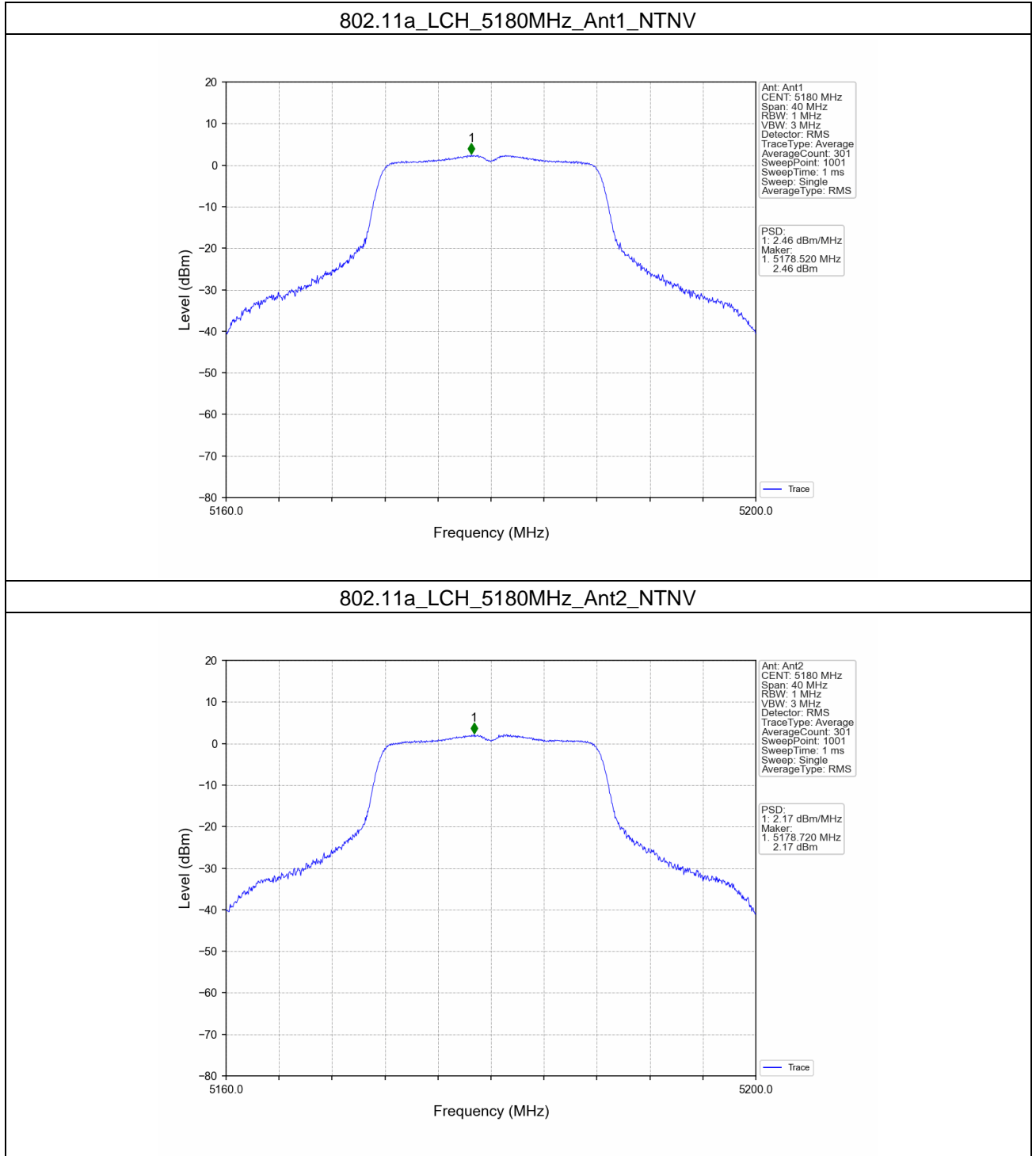
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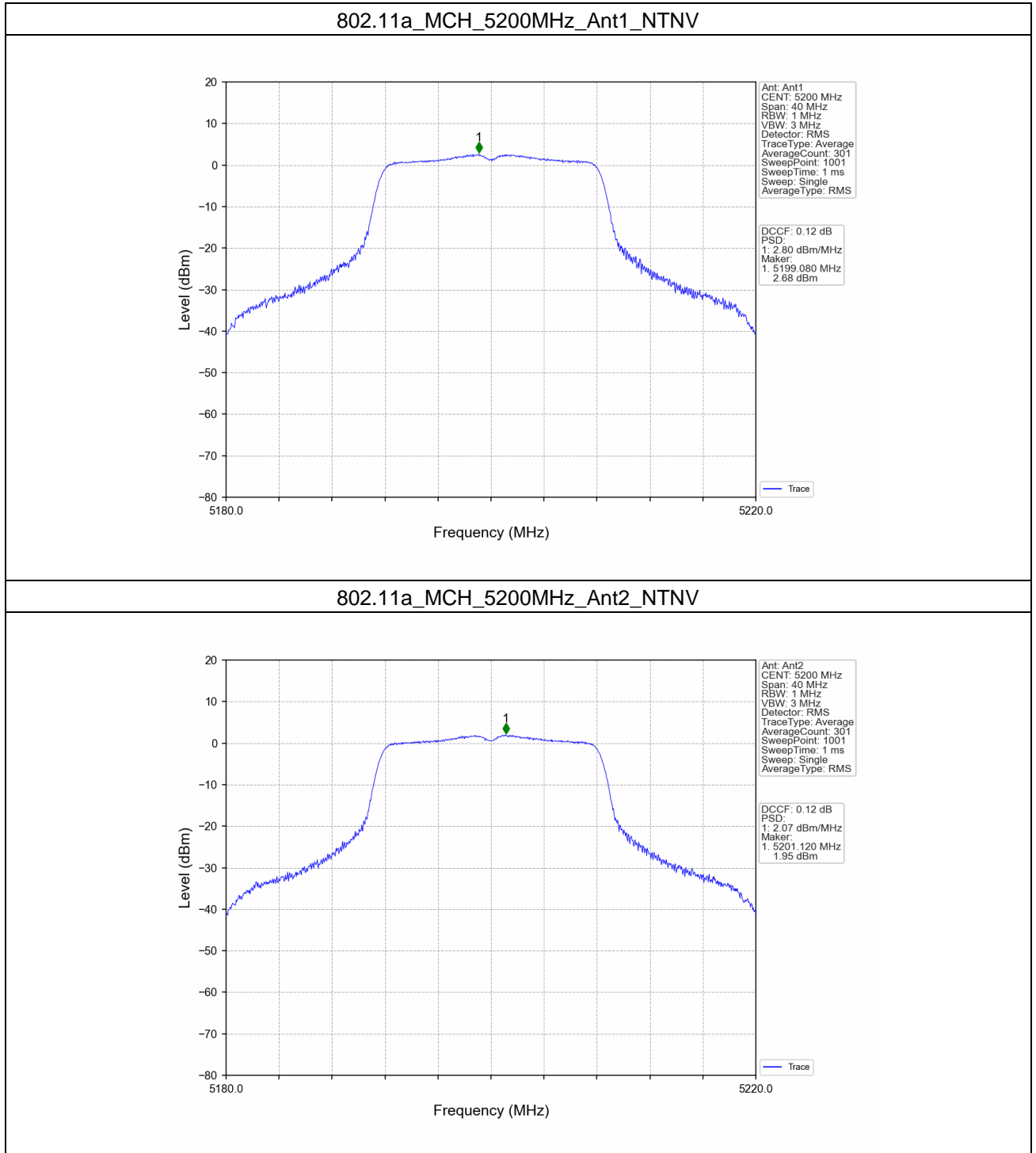
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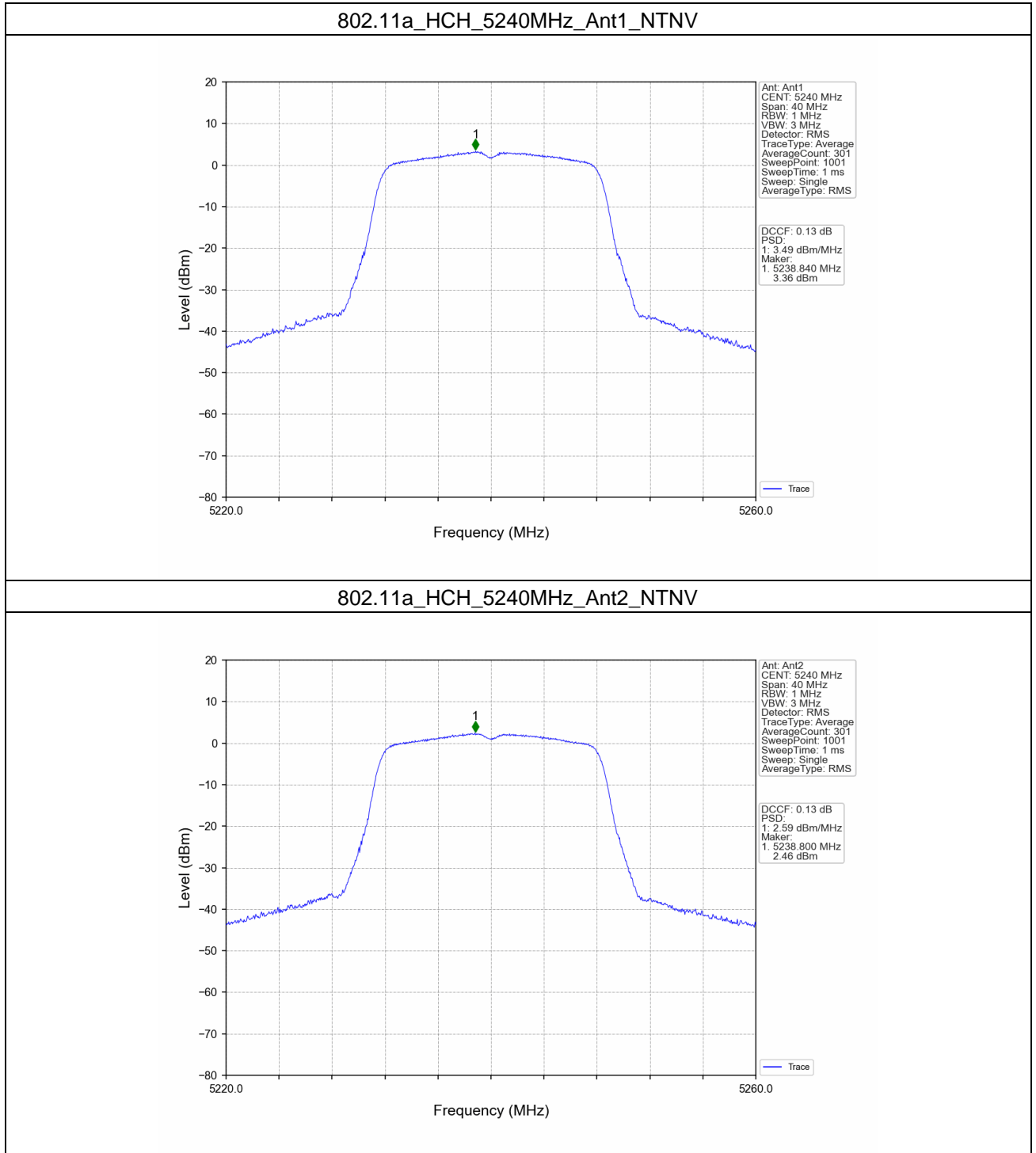
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### 4.1.2 Test Graph



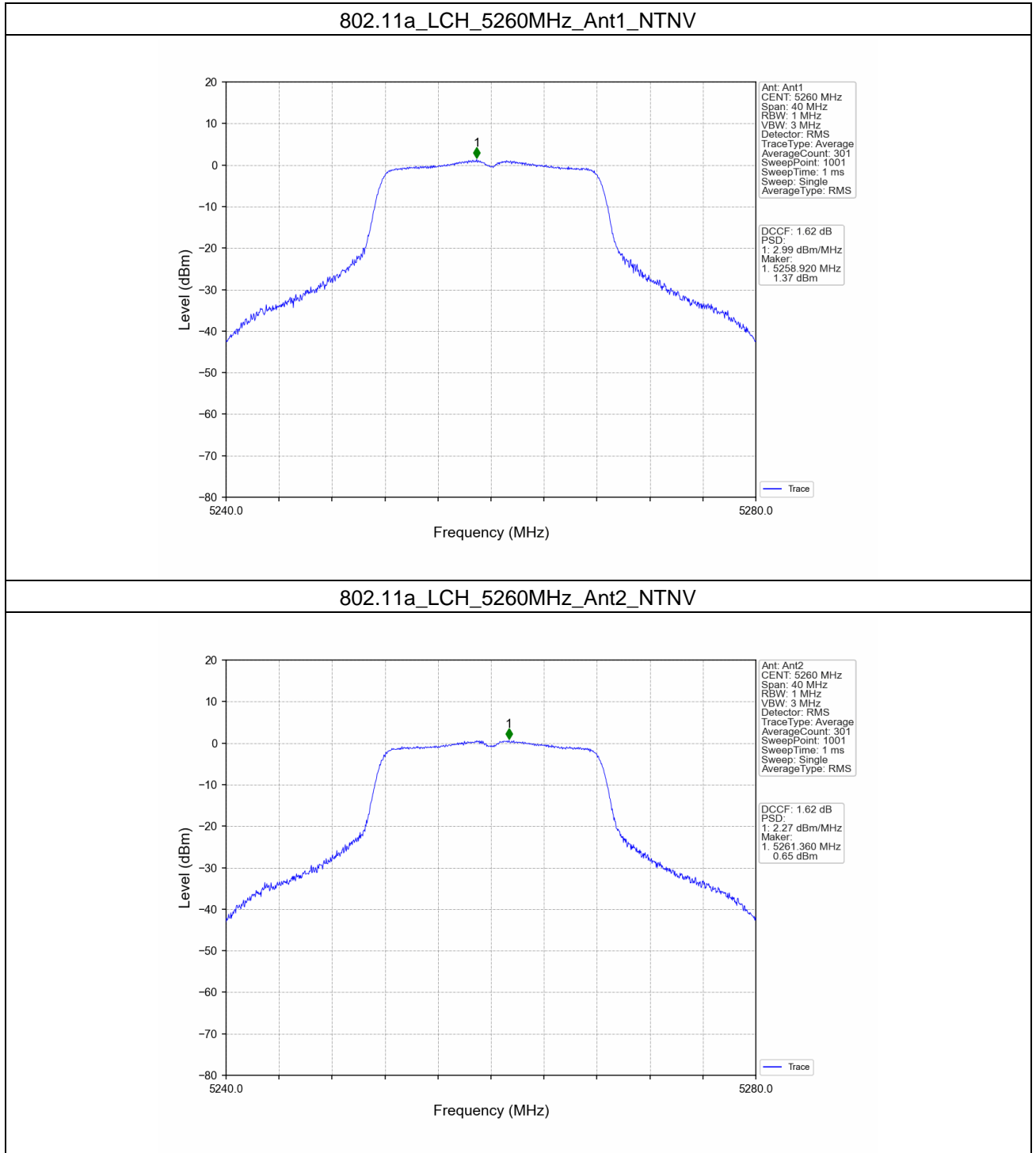


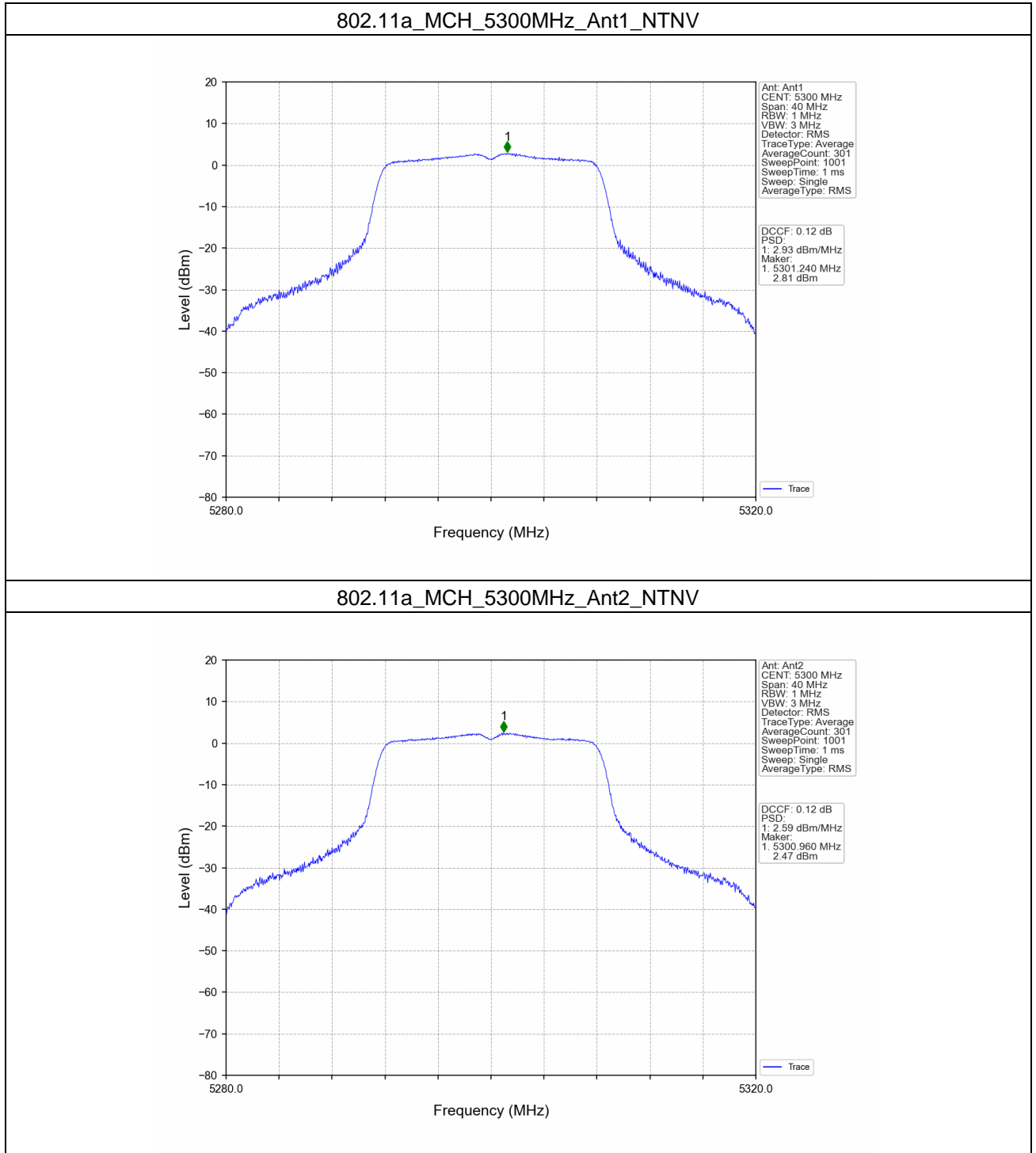


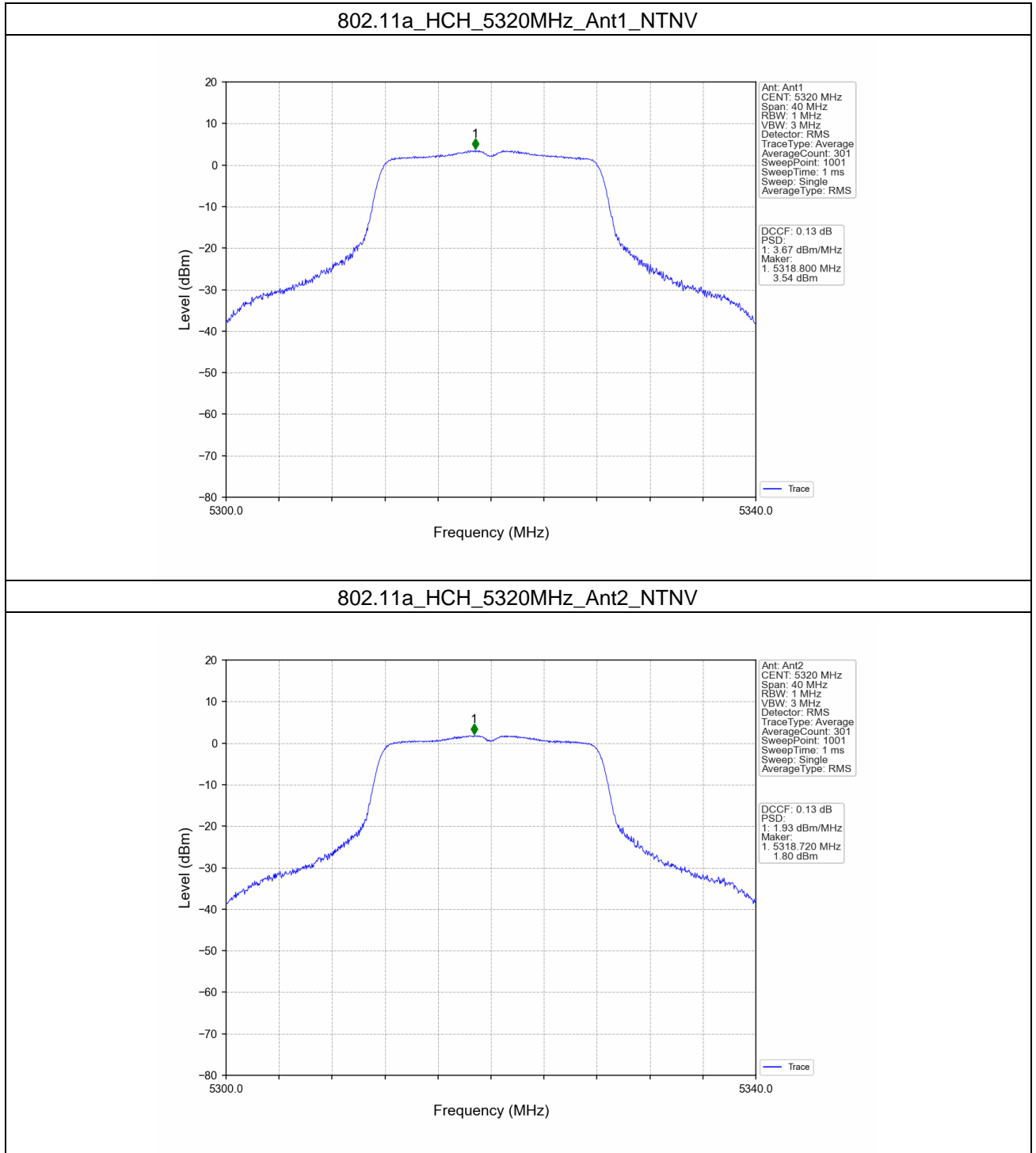


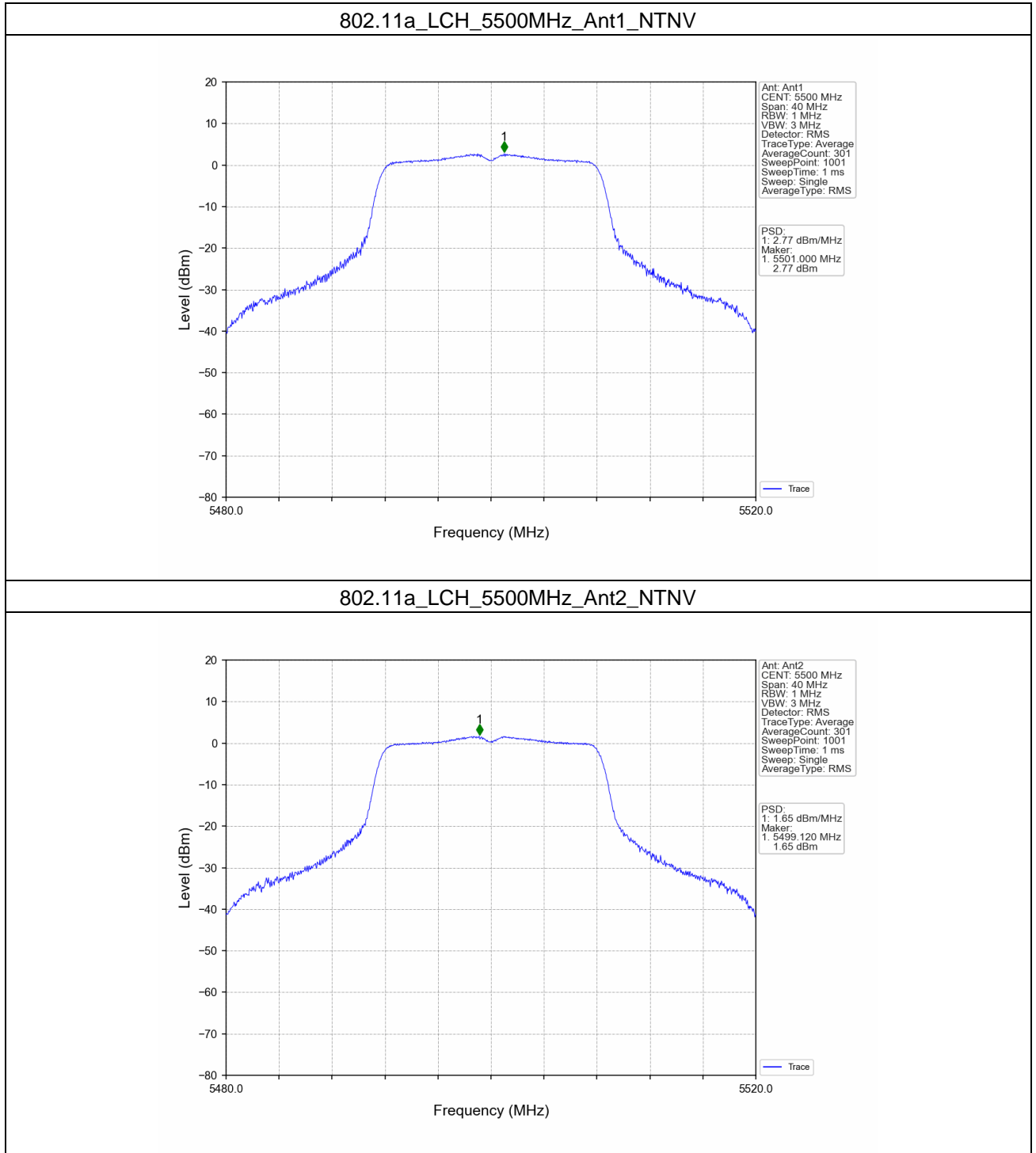
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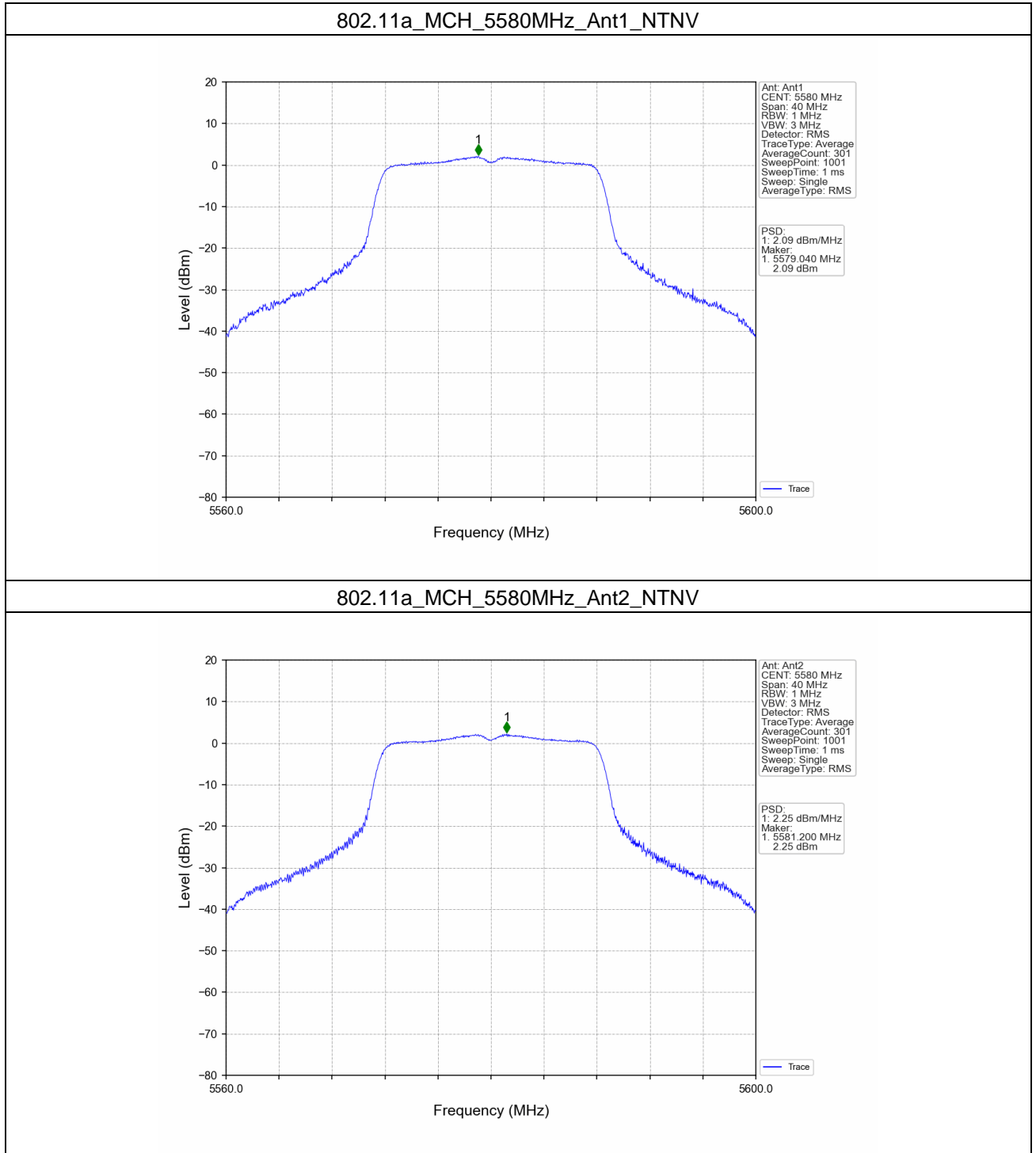






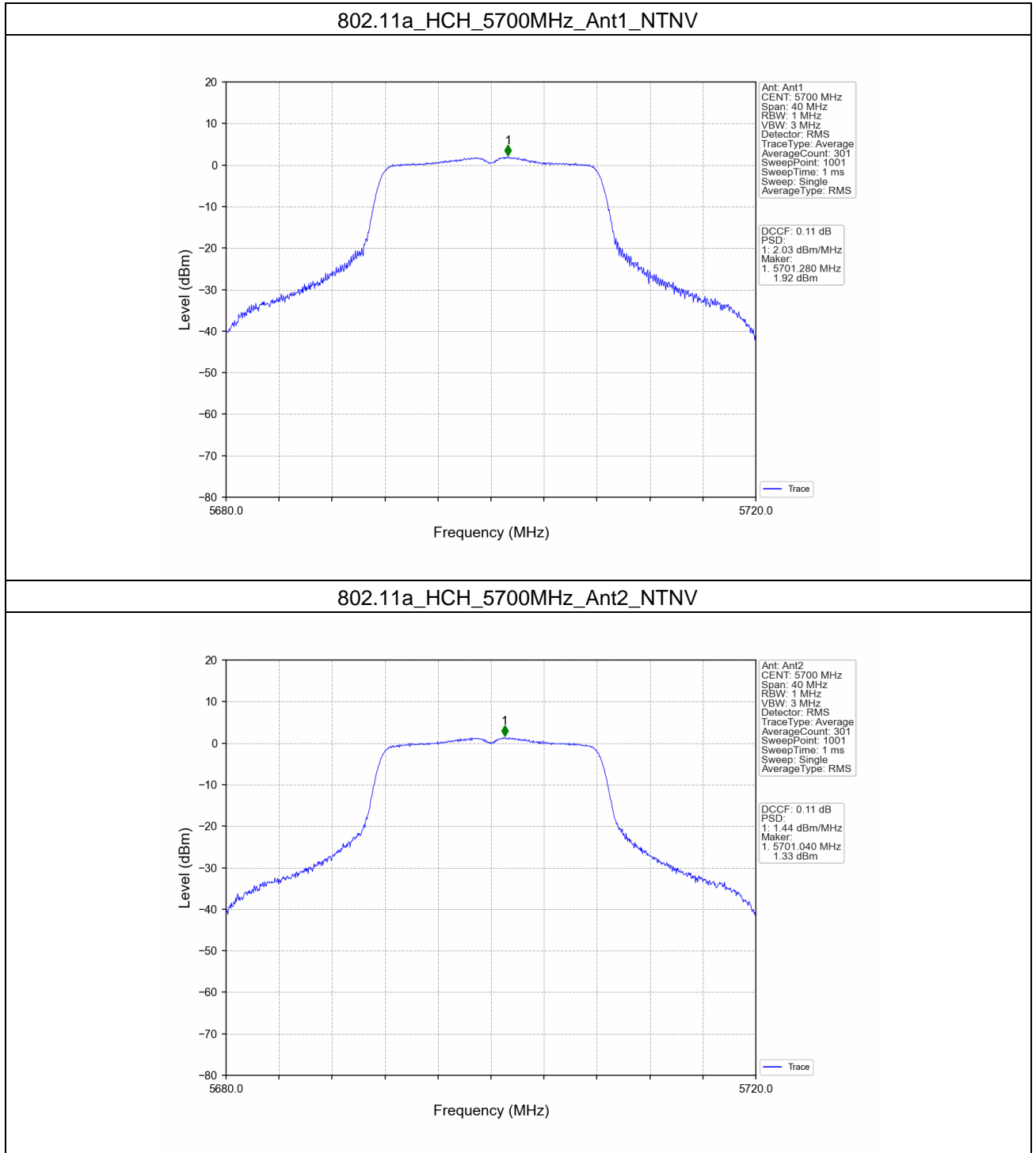
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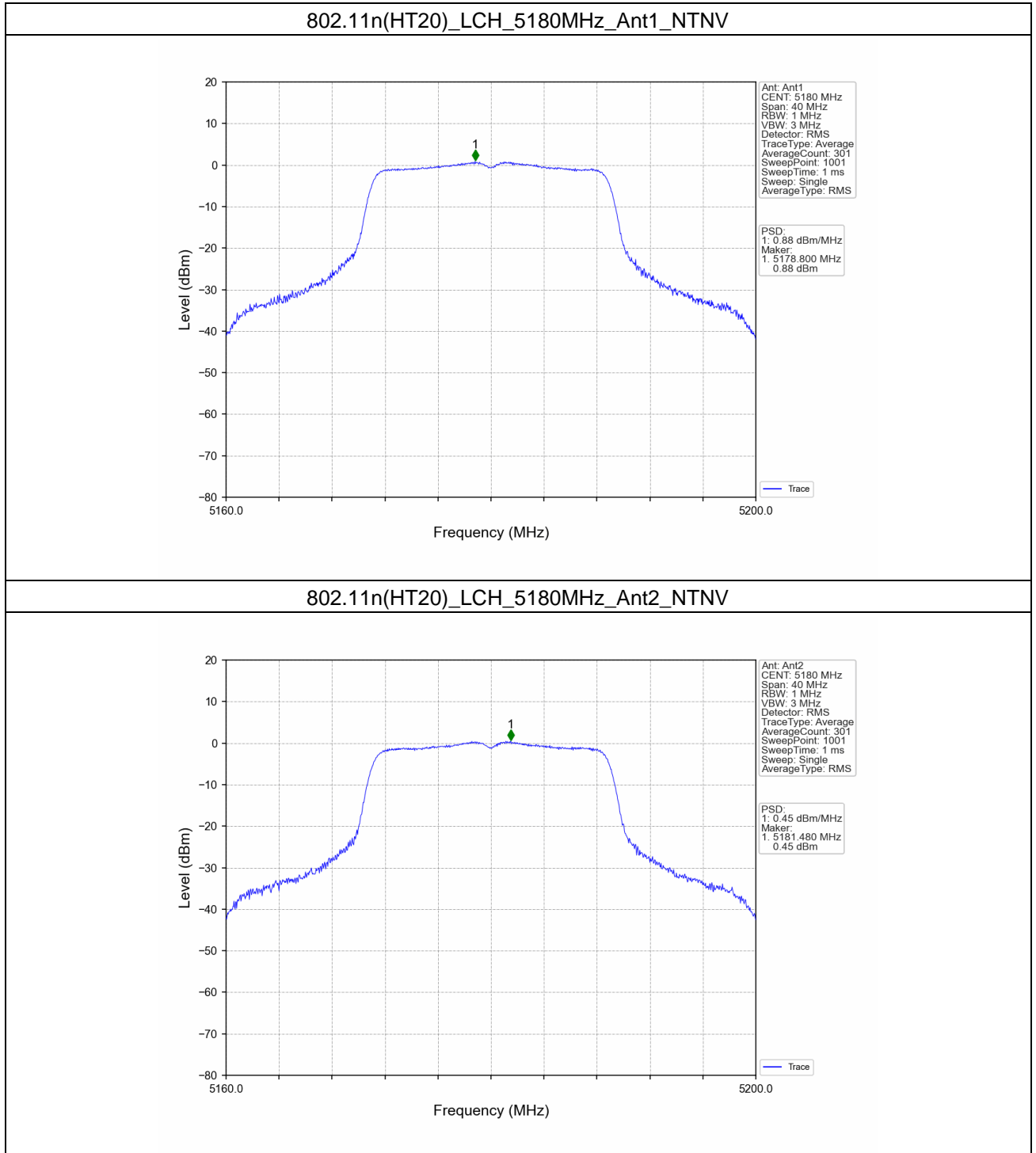


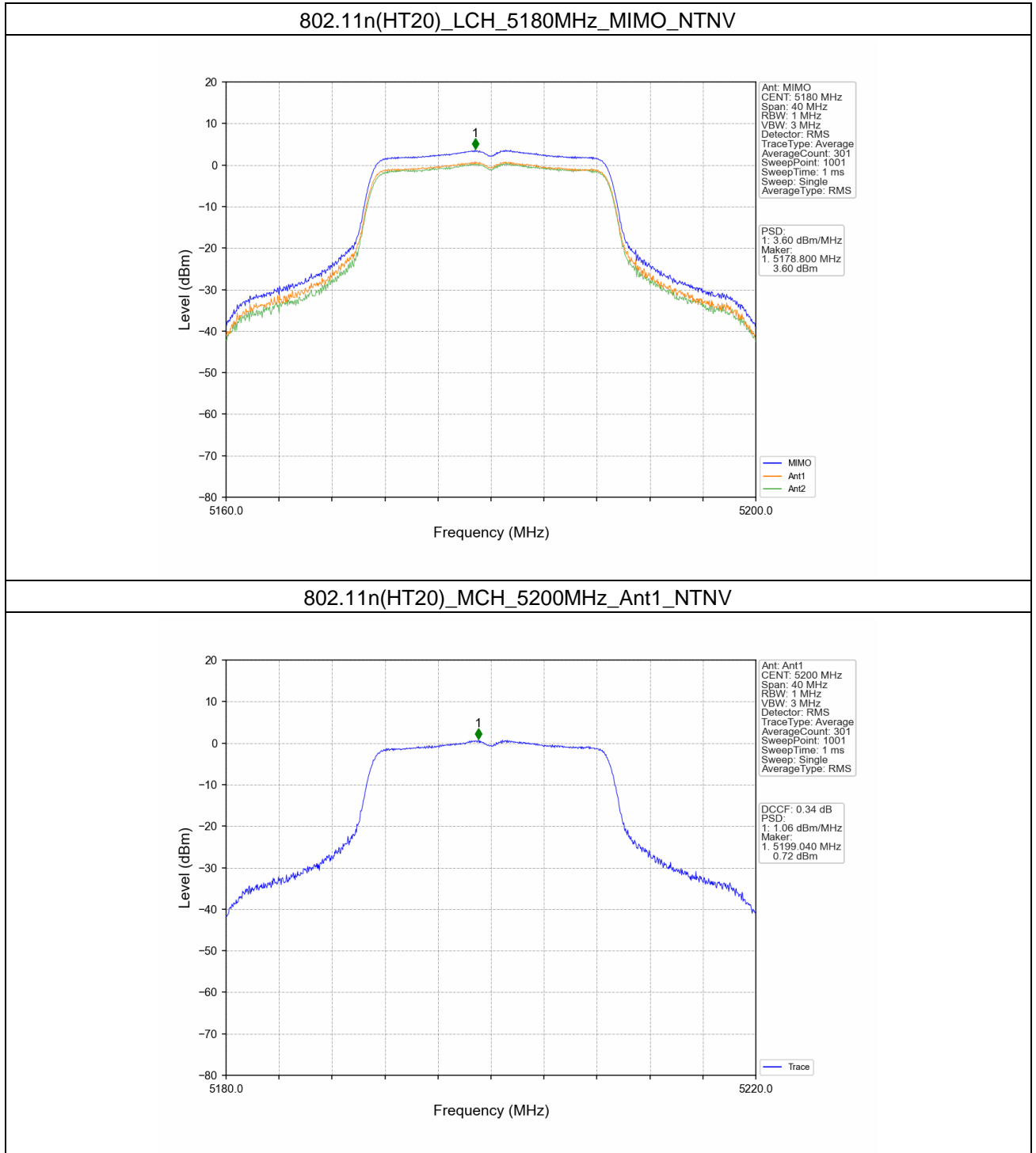
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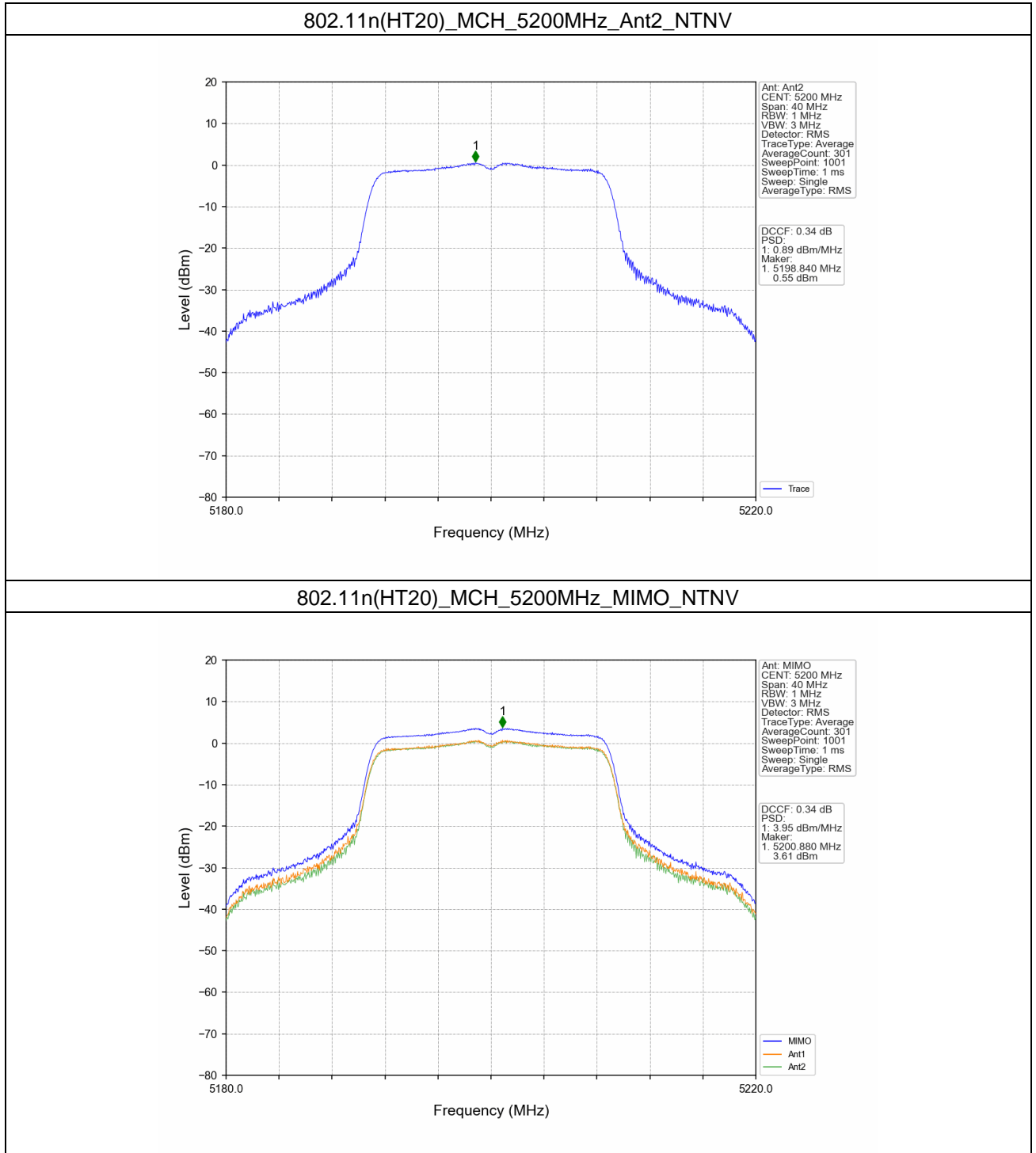
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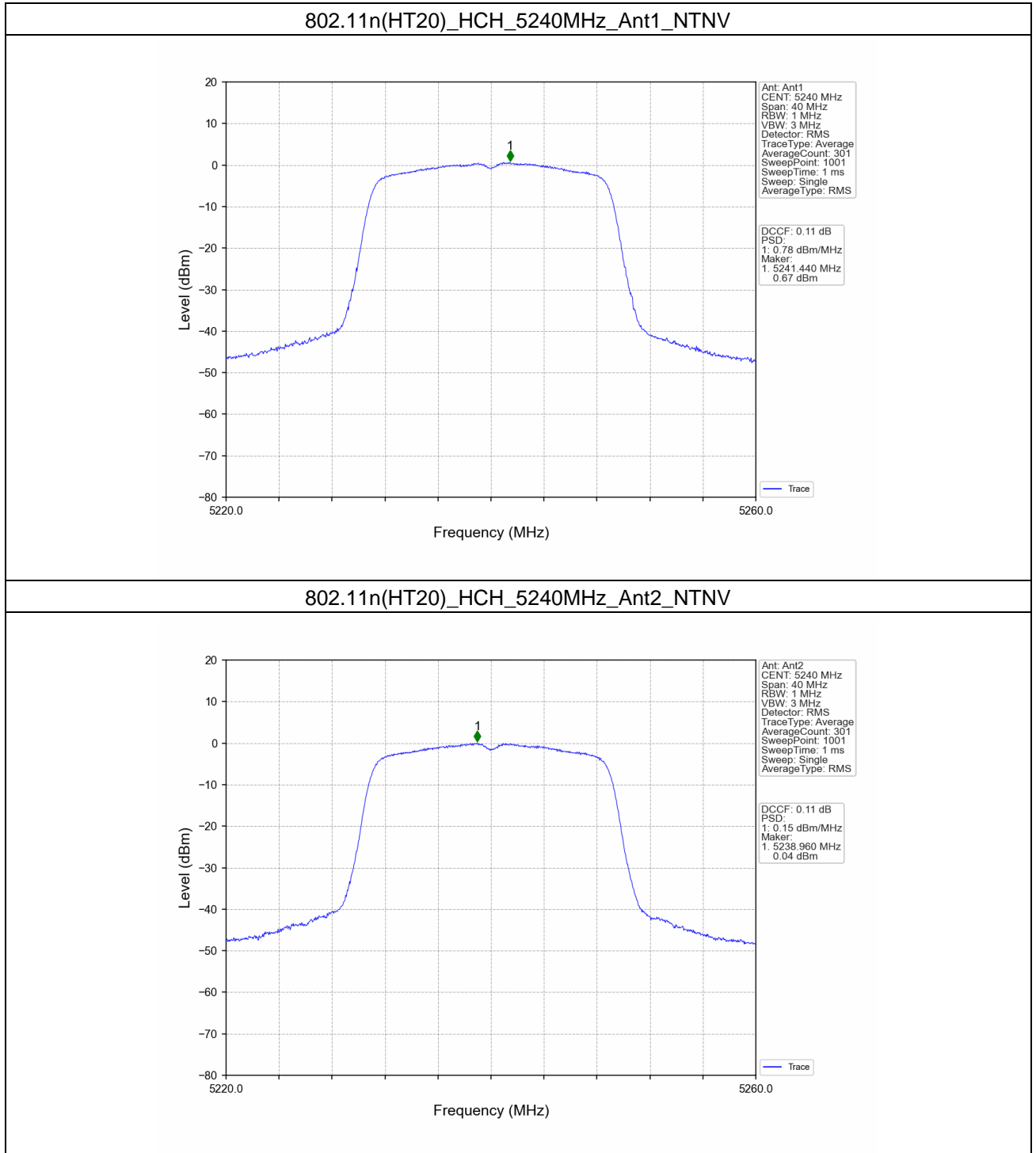








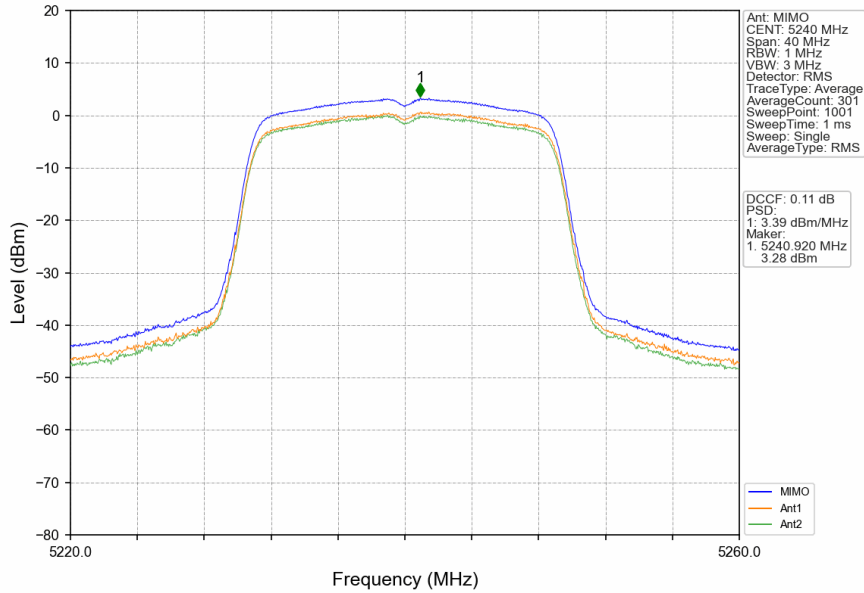




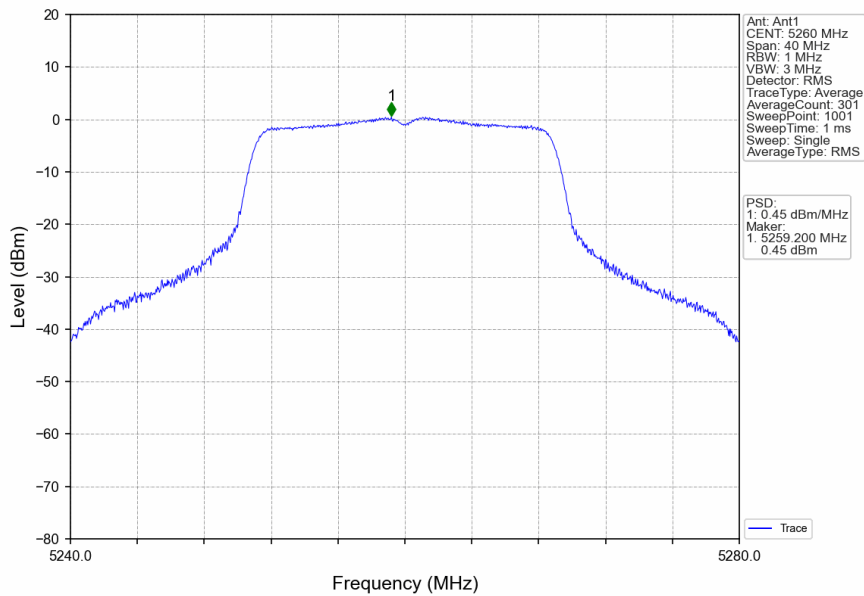
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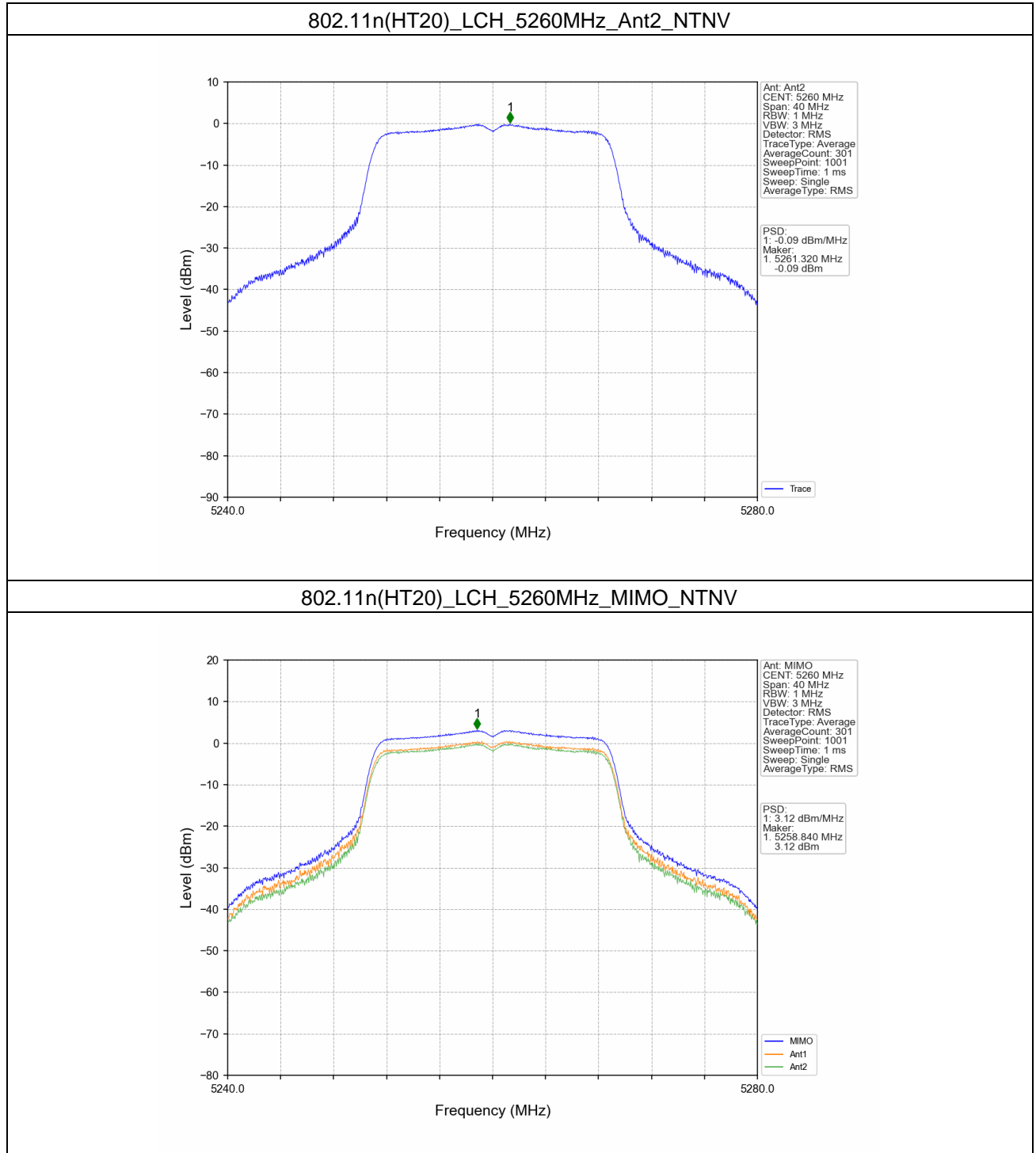
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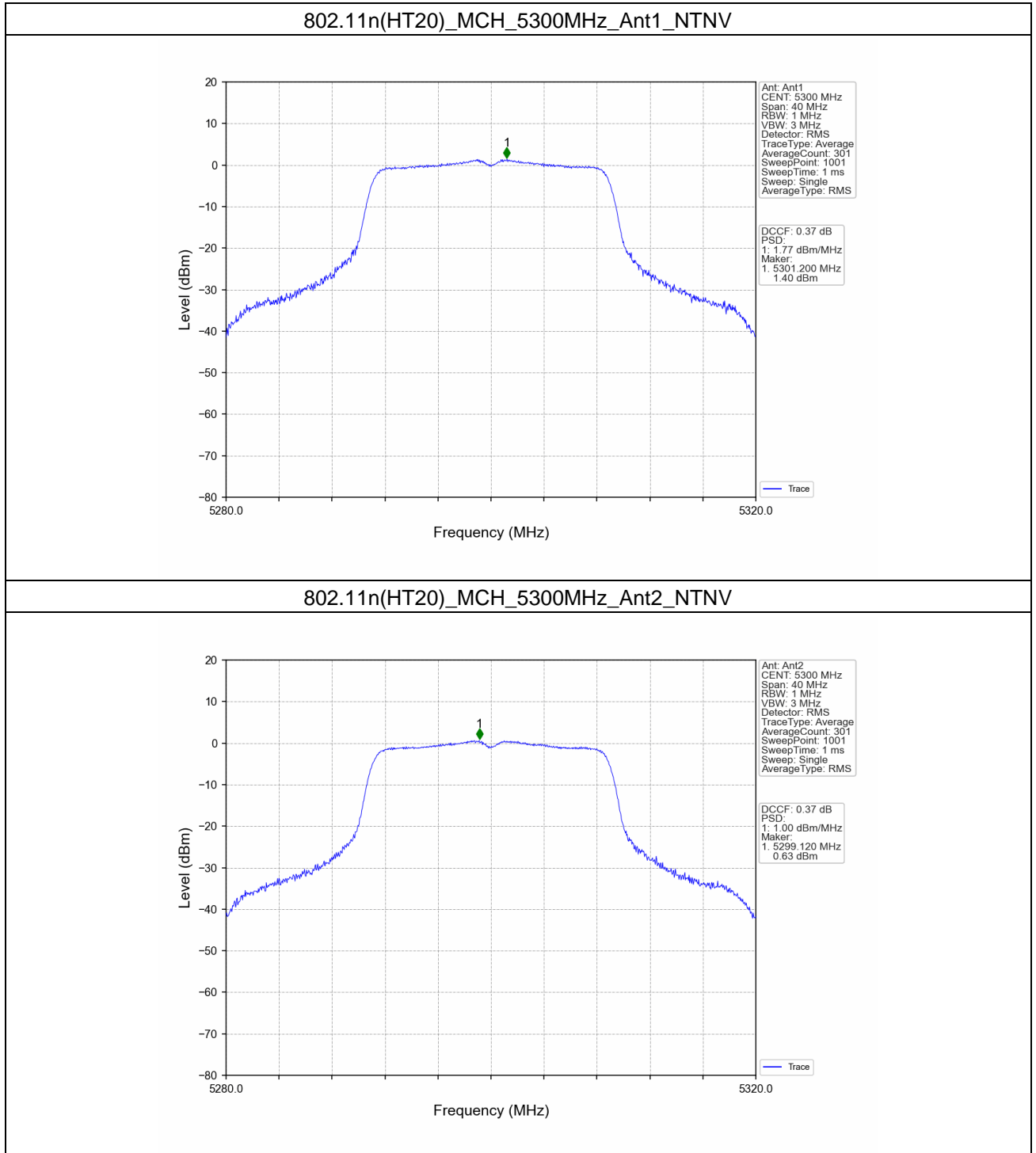
802.11n(HT20)\_HCH\_5240MHz\_MIMO\_NTNV



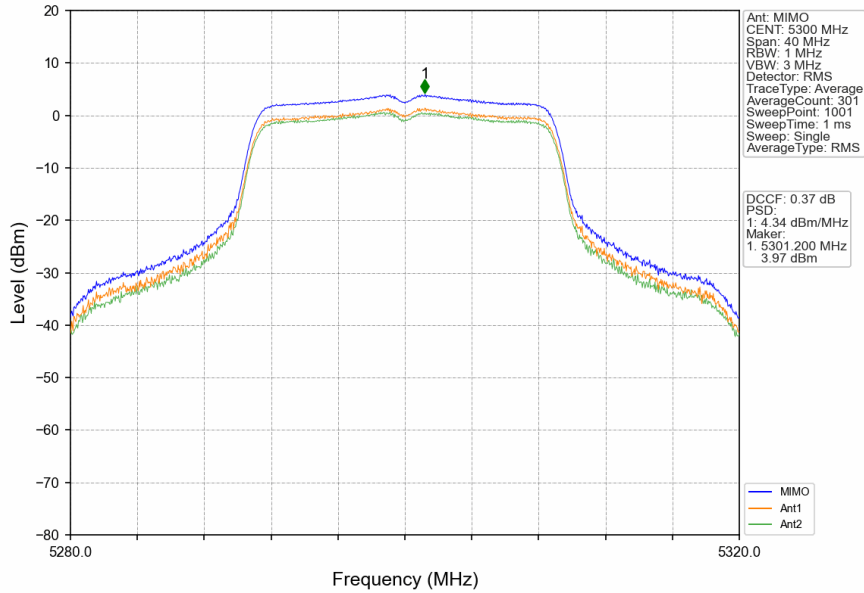
802.11n(HT20)\_LCH\_5260MHz\_Ant1\_NTNV



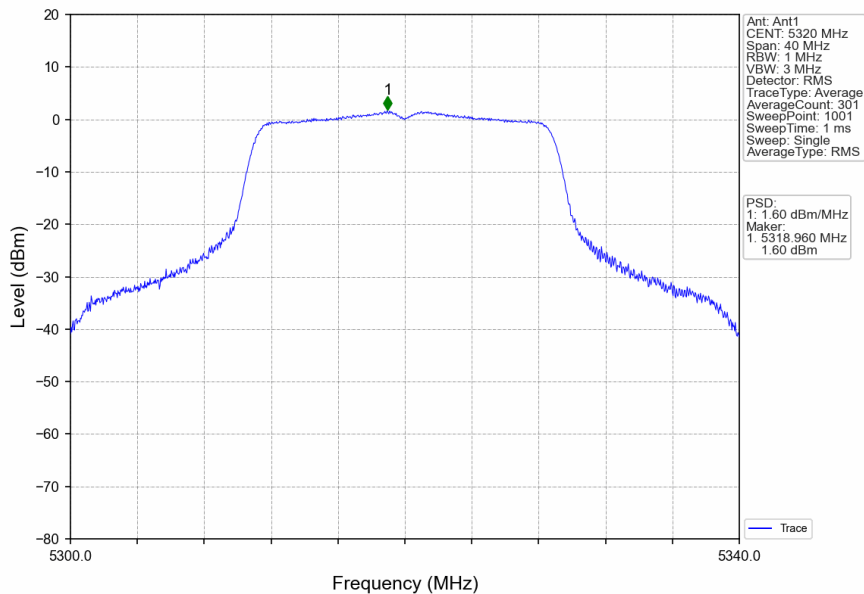




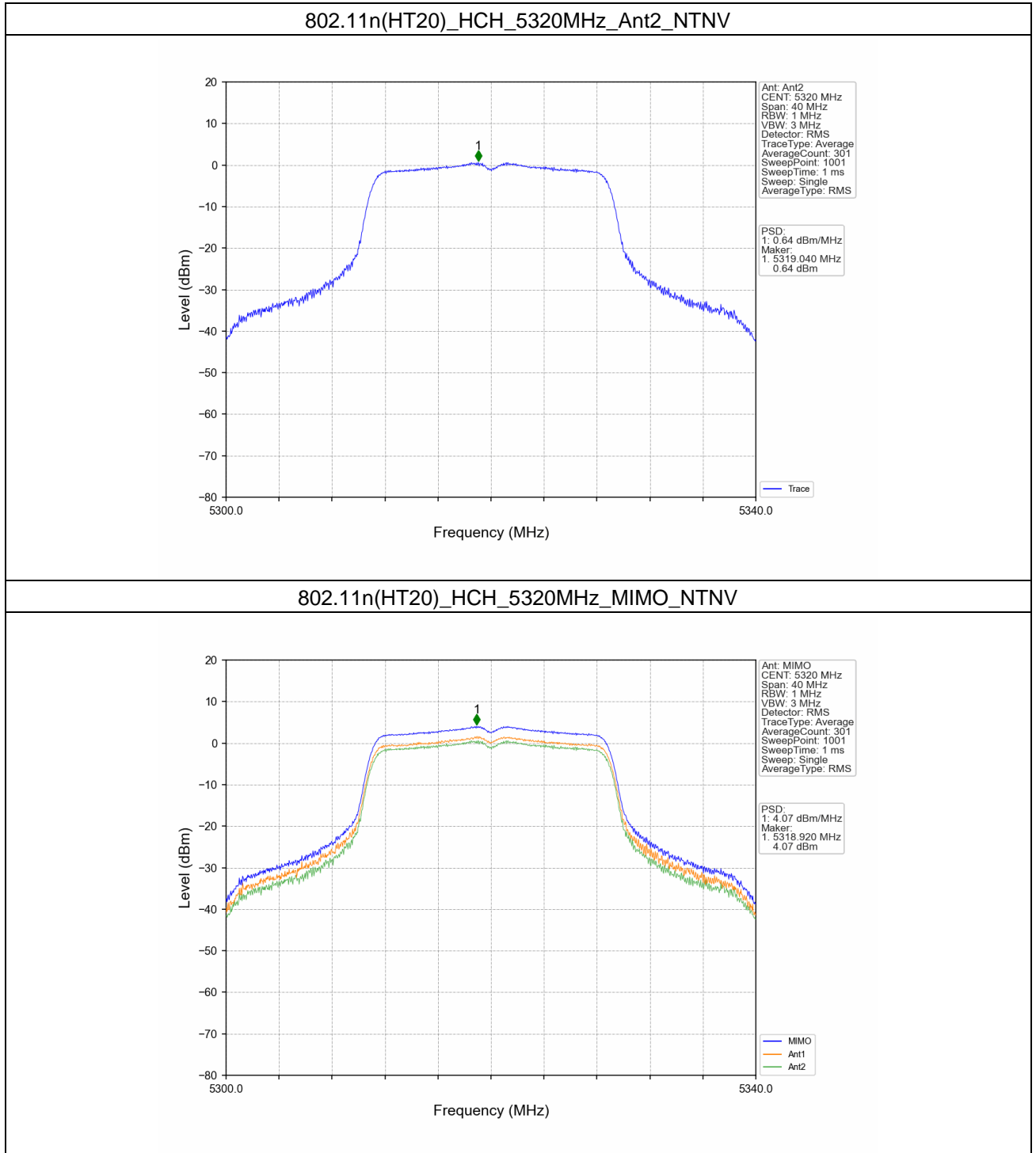
802.11n(HT20)\_MCH\_5300MHz\_MIMO\_NTNV

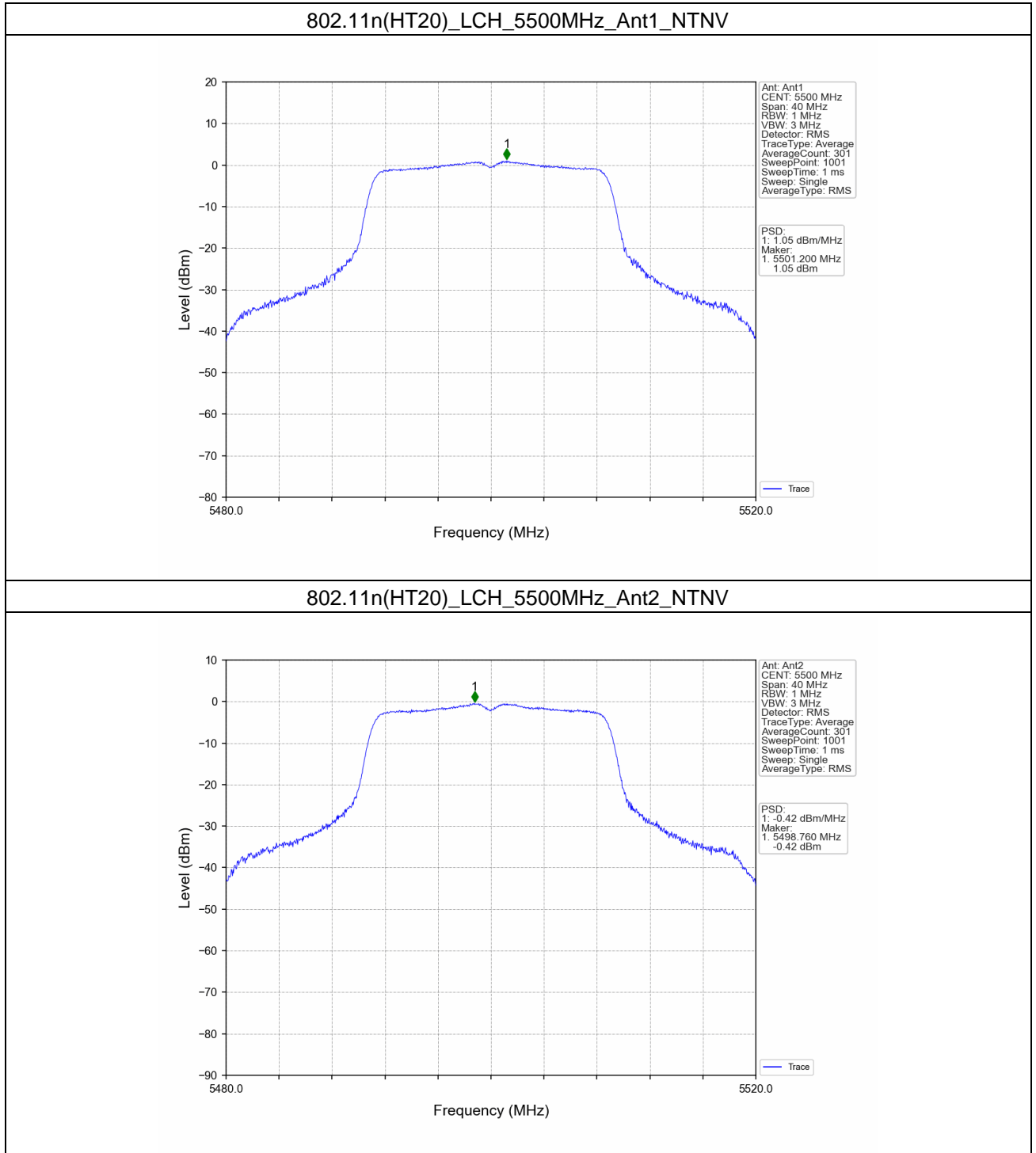


802.11n(HT20)\_HCH\_5320MHz\_Ant1\_NTNV



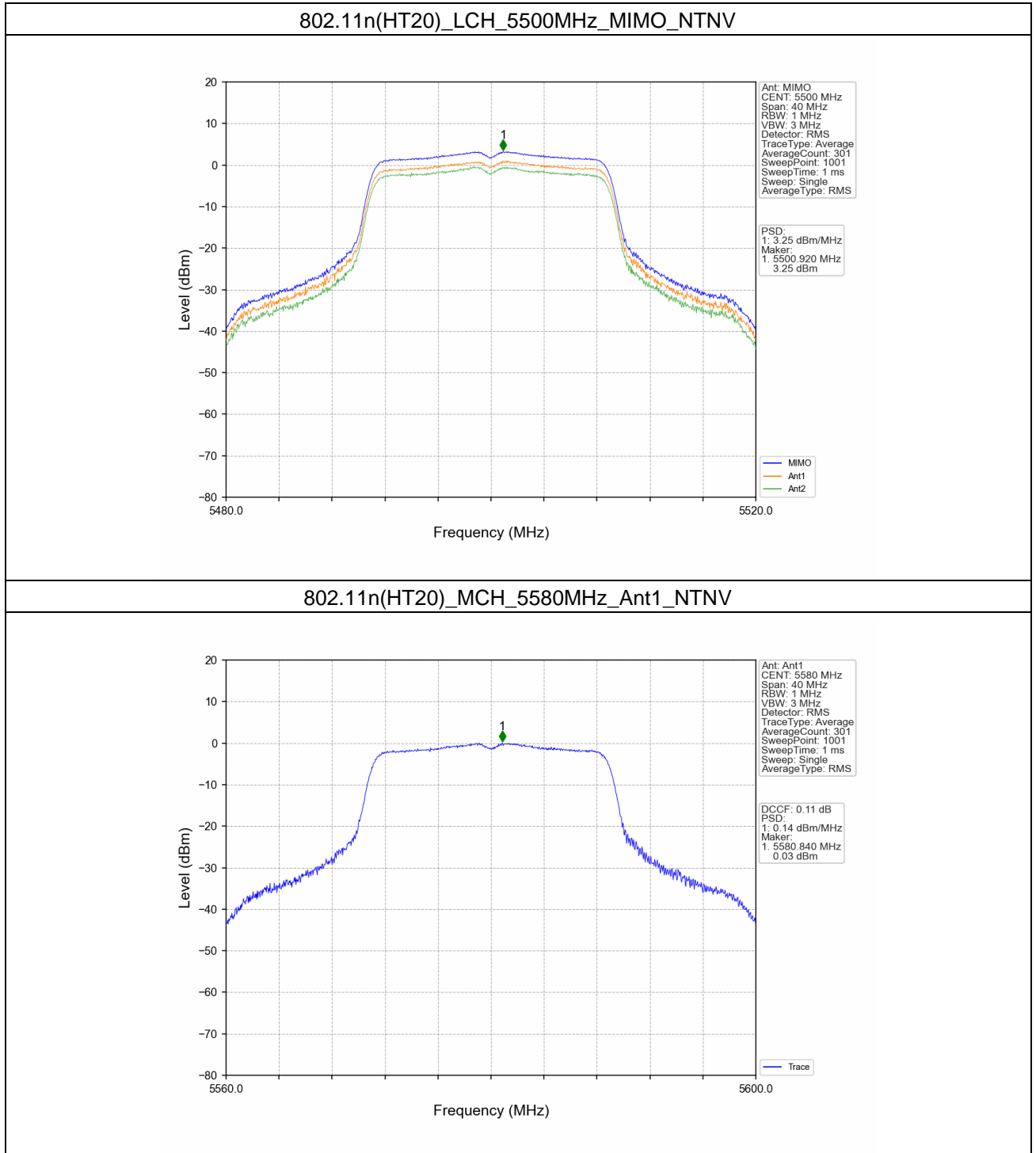


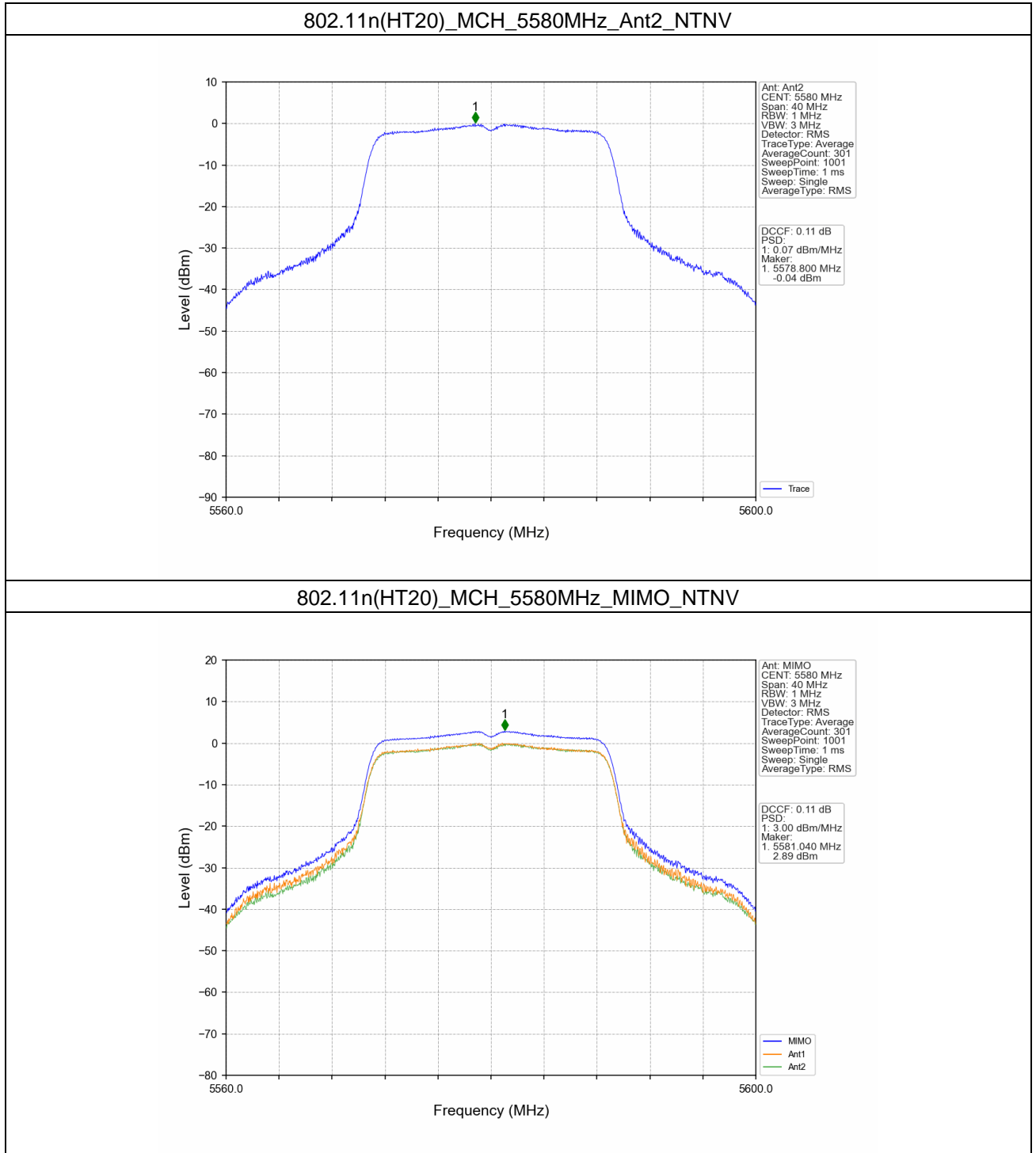


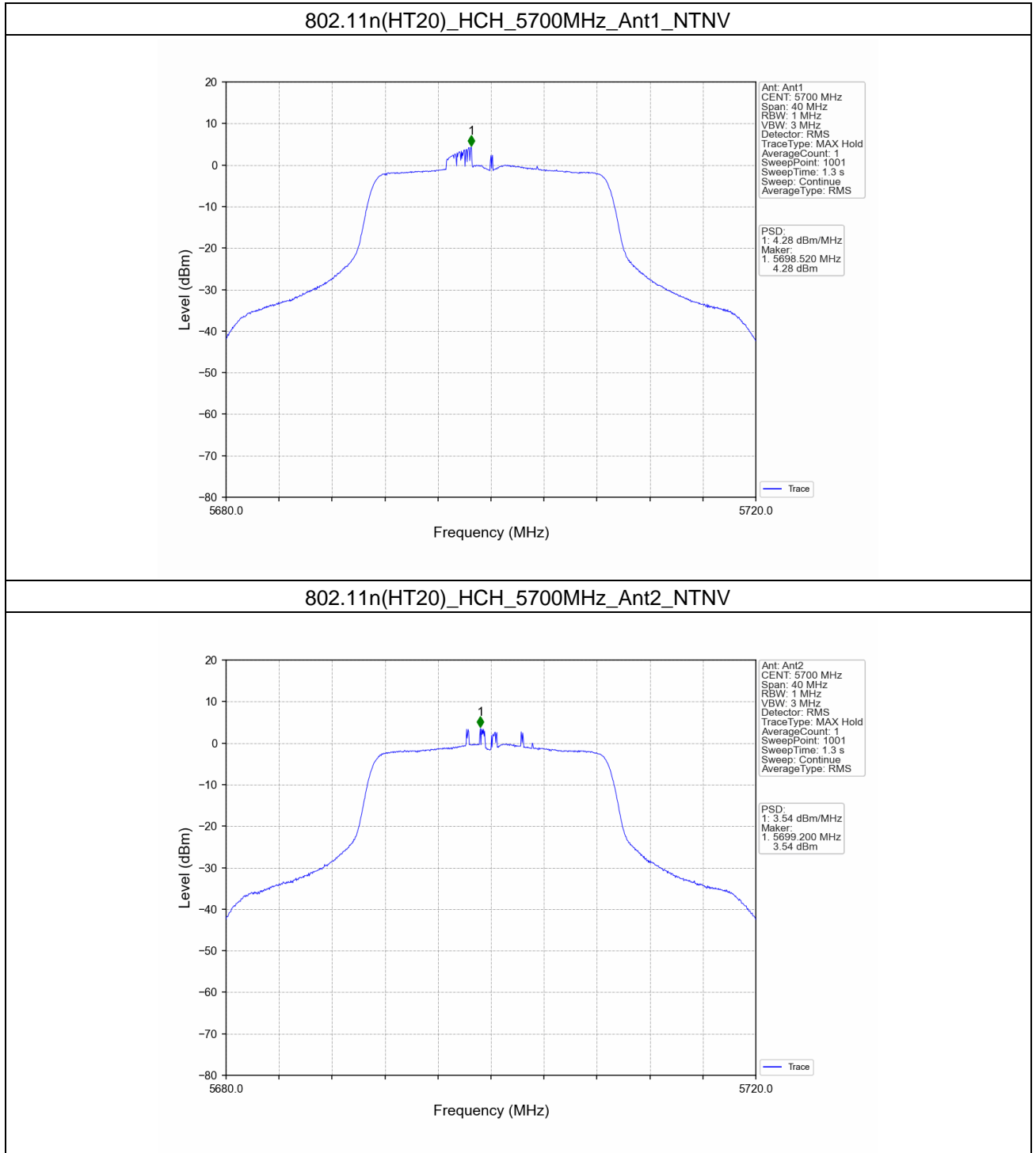


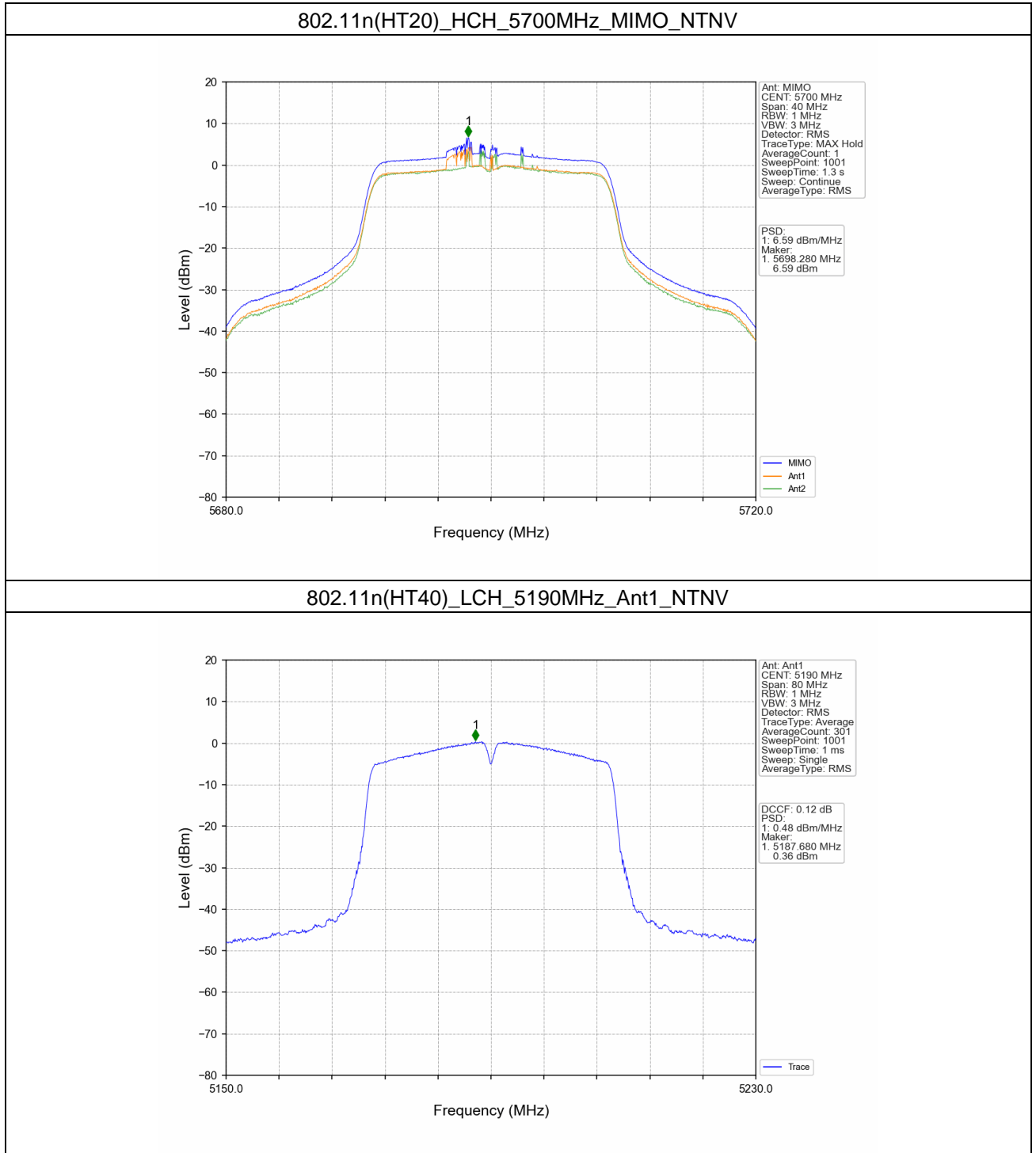
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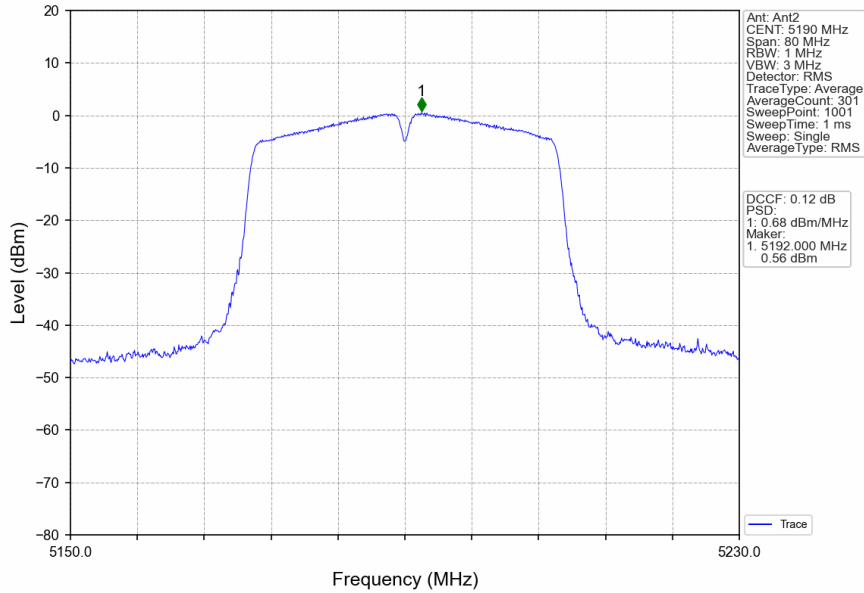




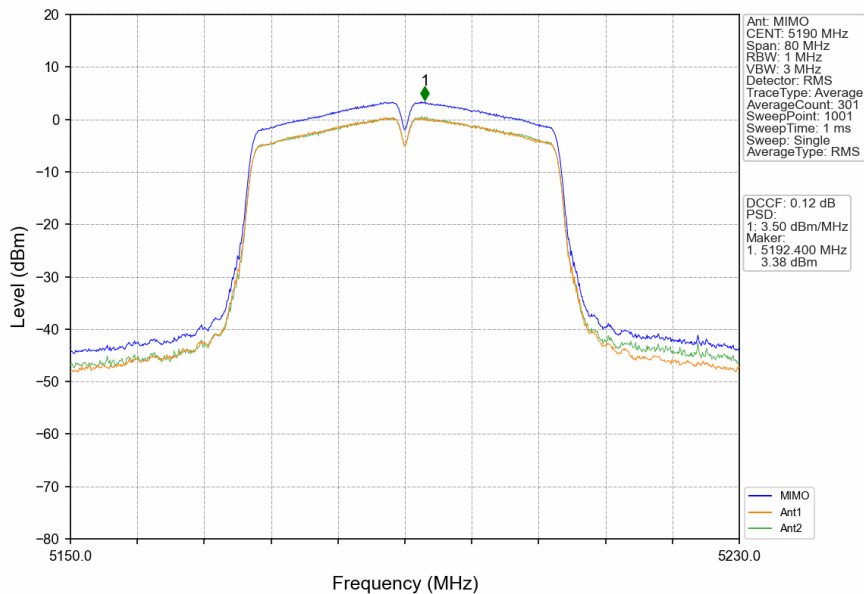


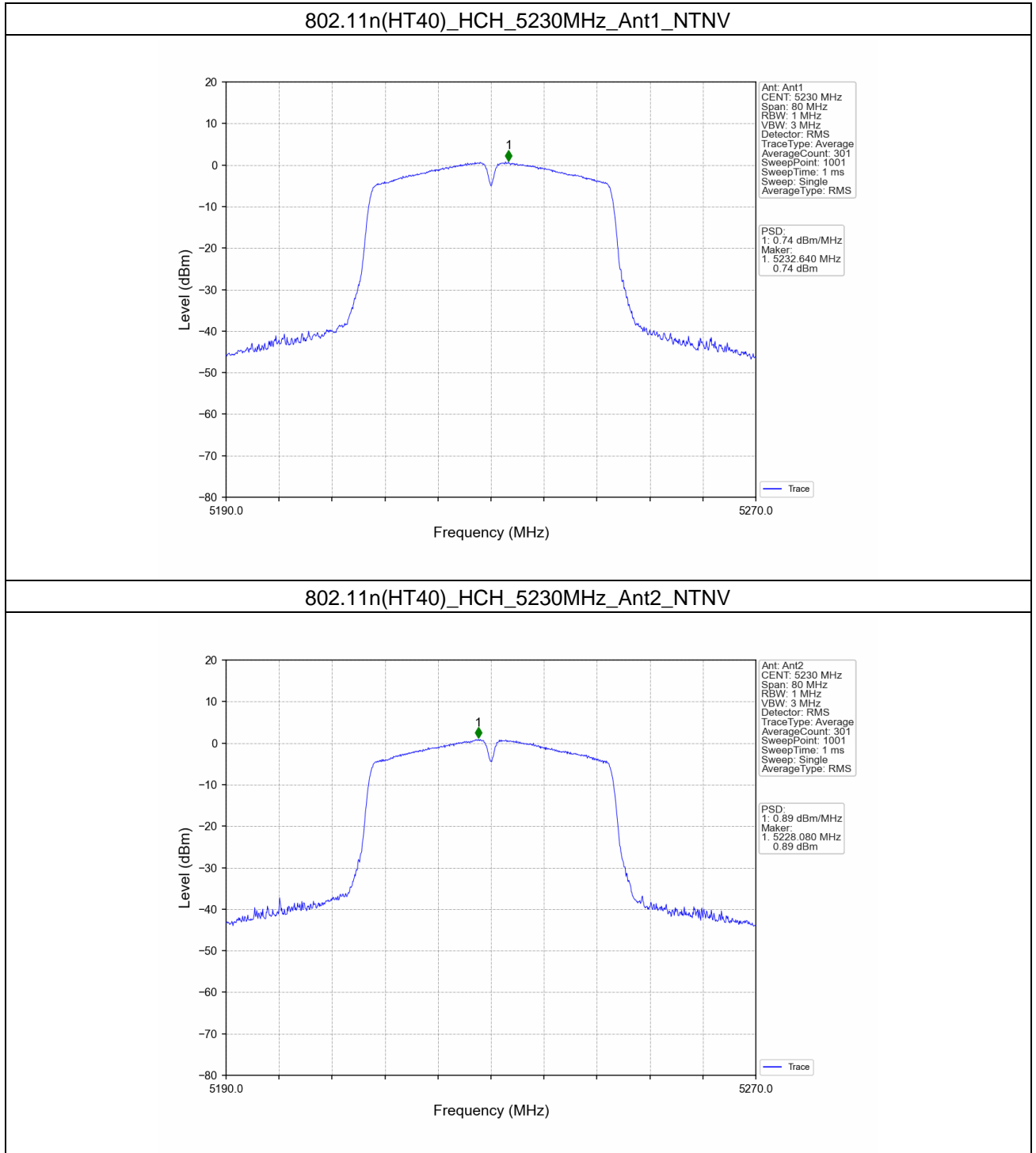


### 802.11n(HT40)\_LCH\_5190MHz\_Ant2\_NTNV

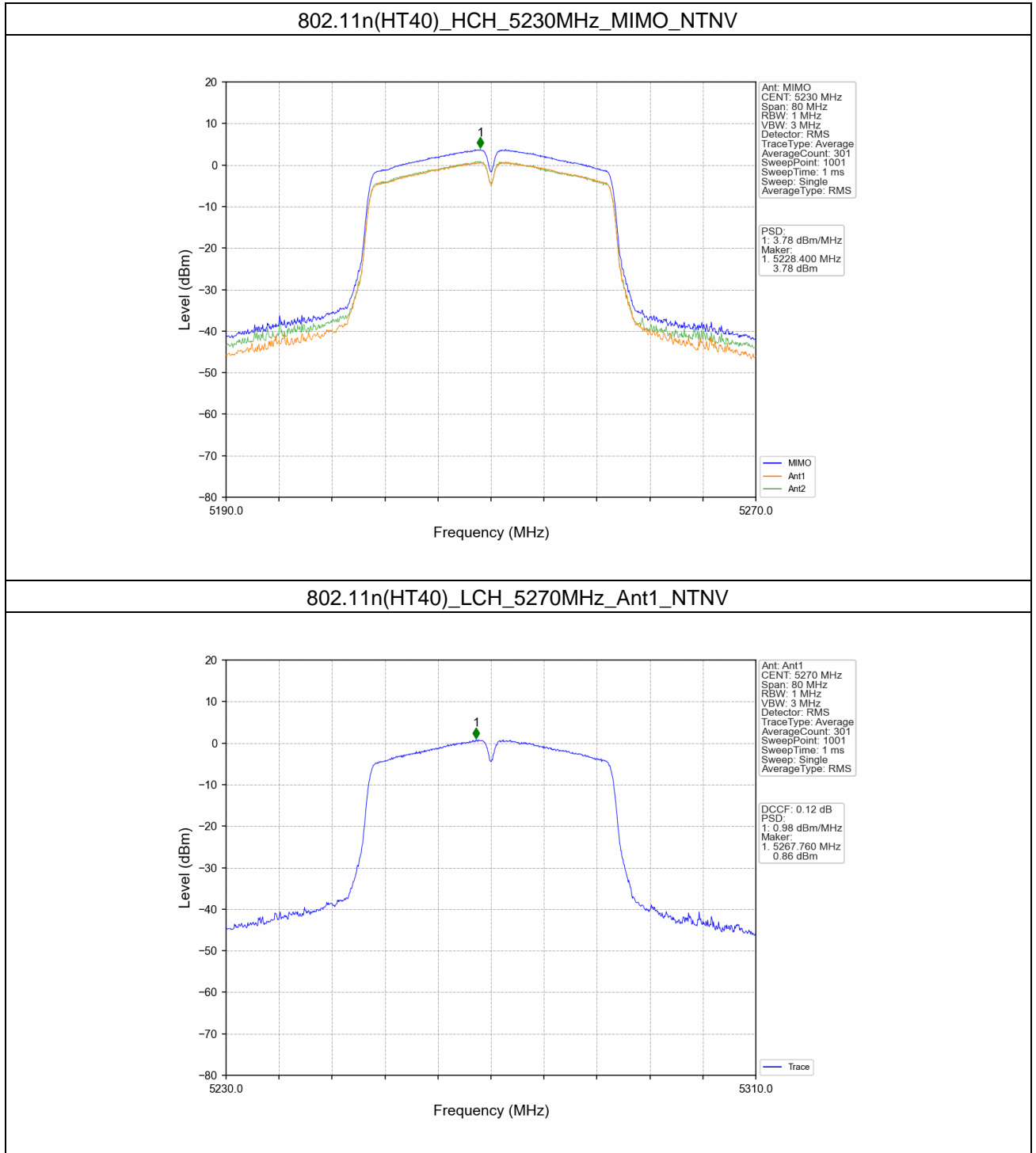


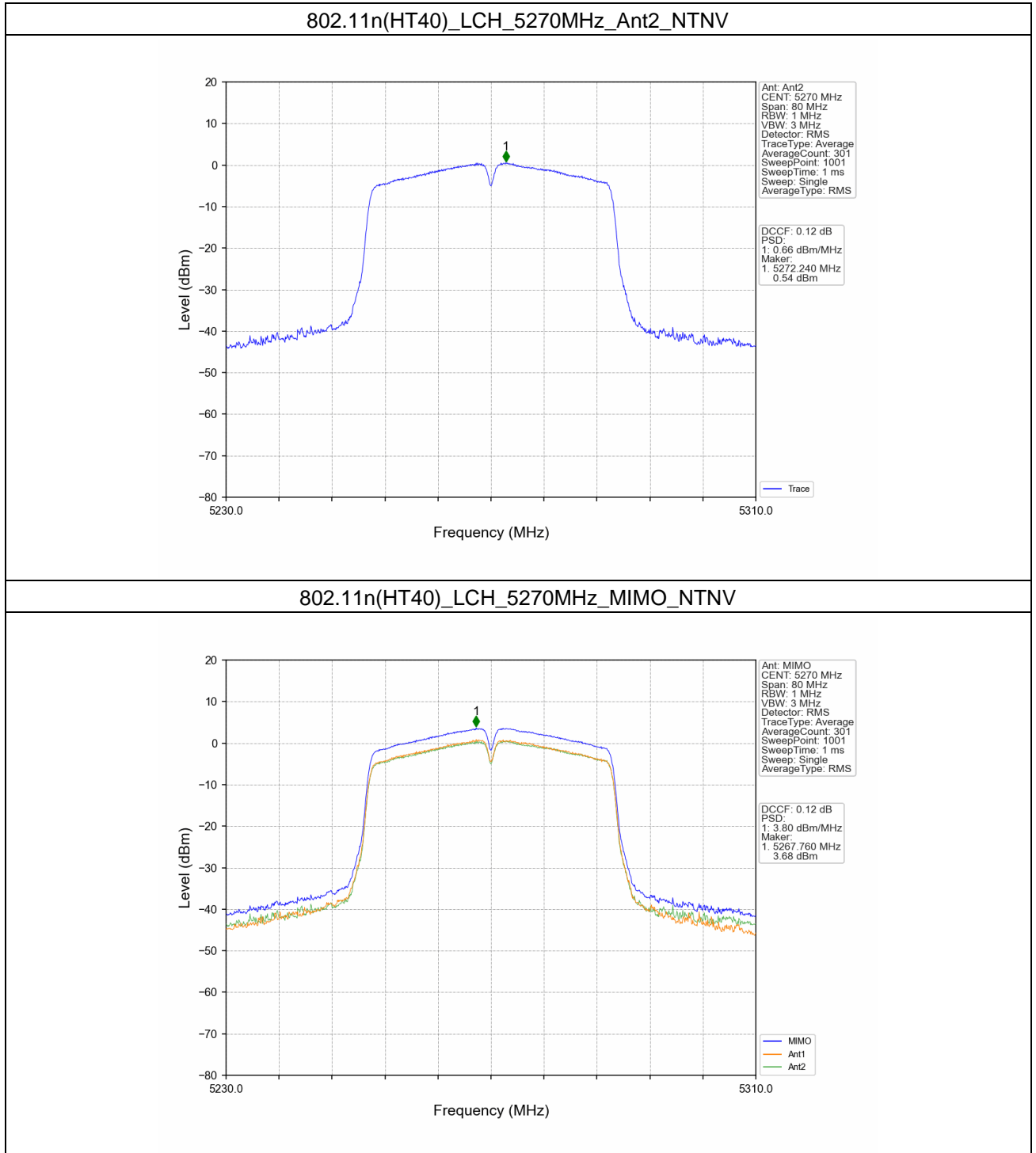
### 802.11n(HT40)\_LCH\_5190MHz\_MIMO\_NTNV

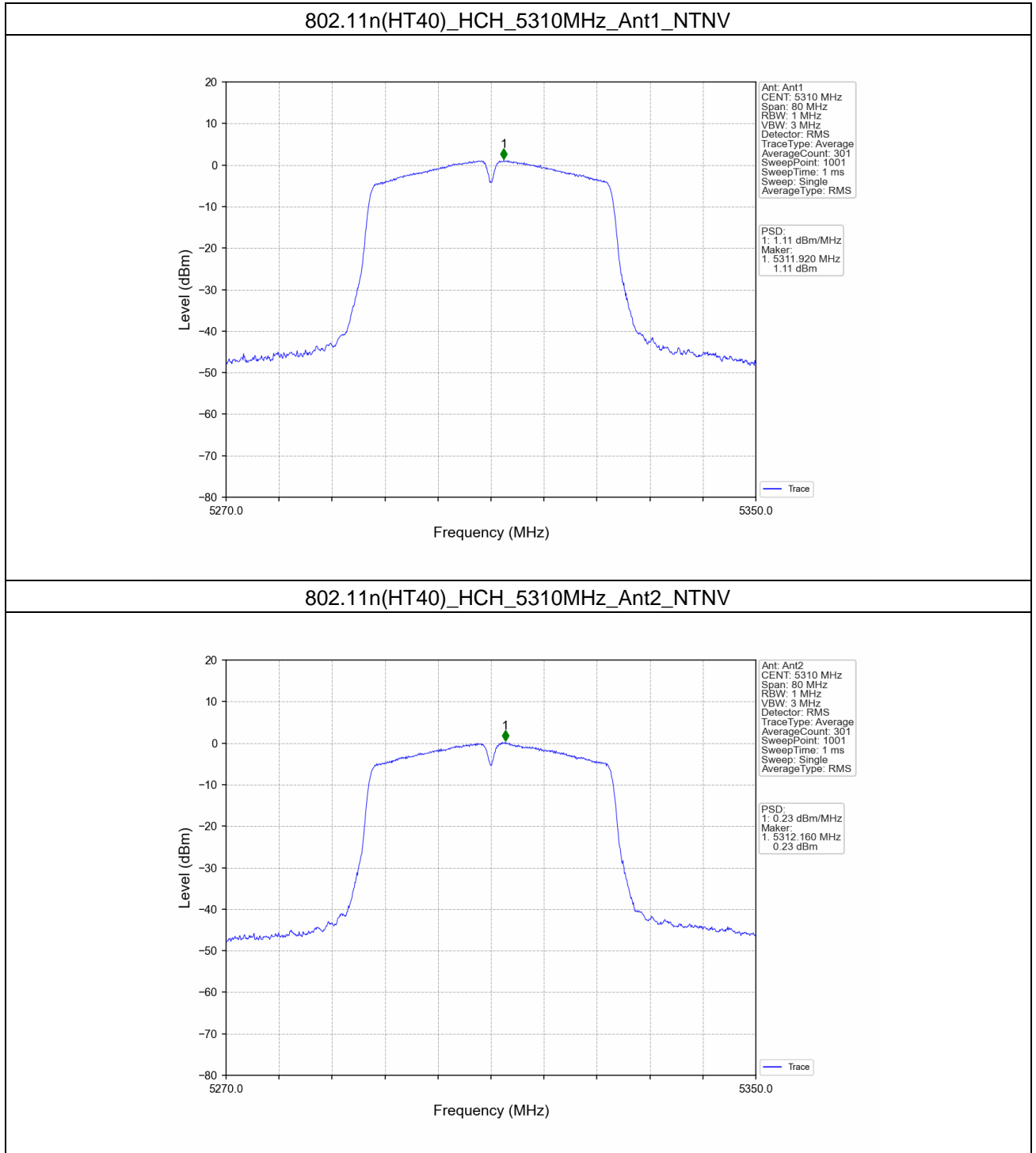








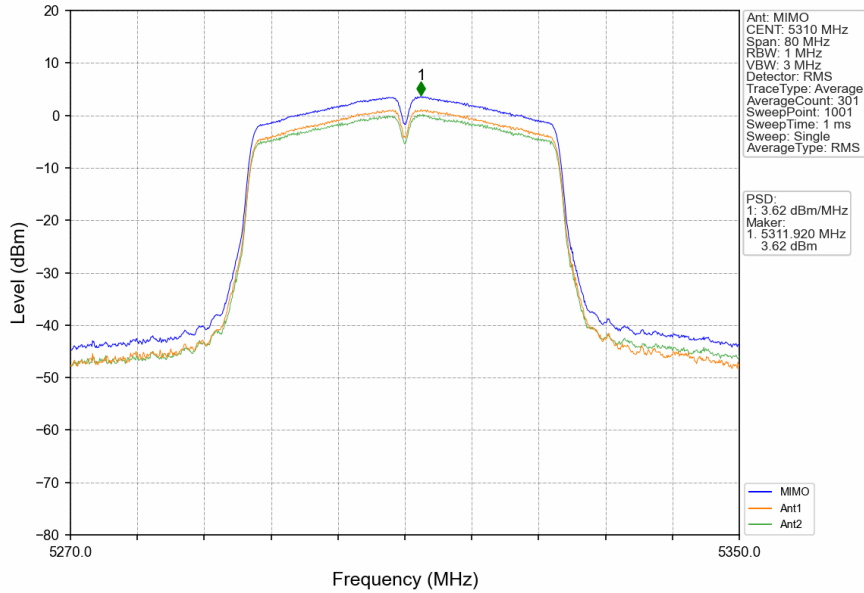




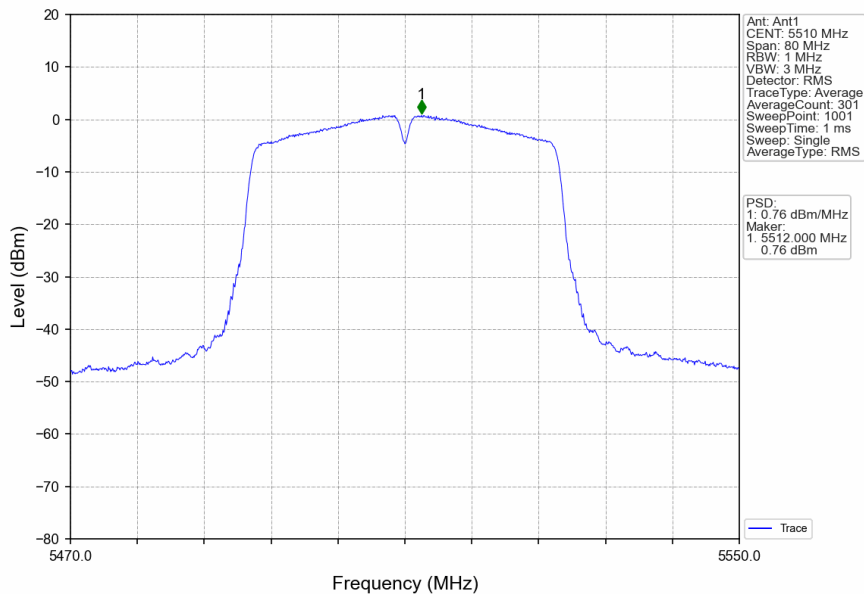
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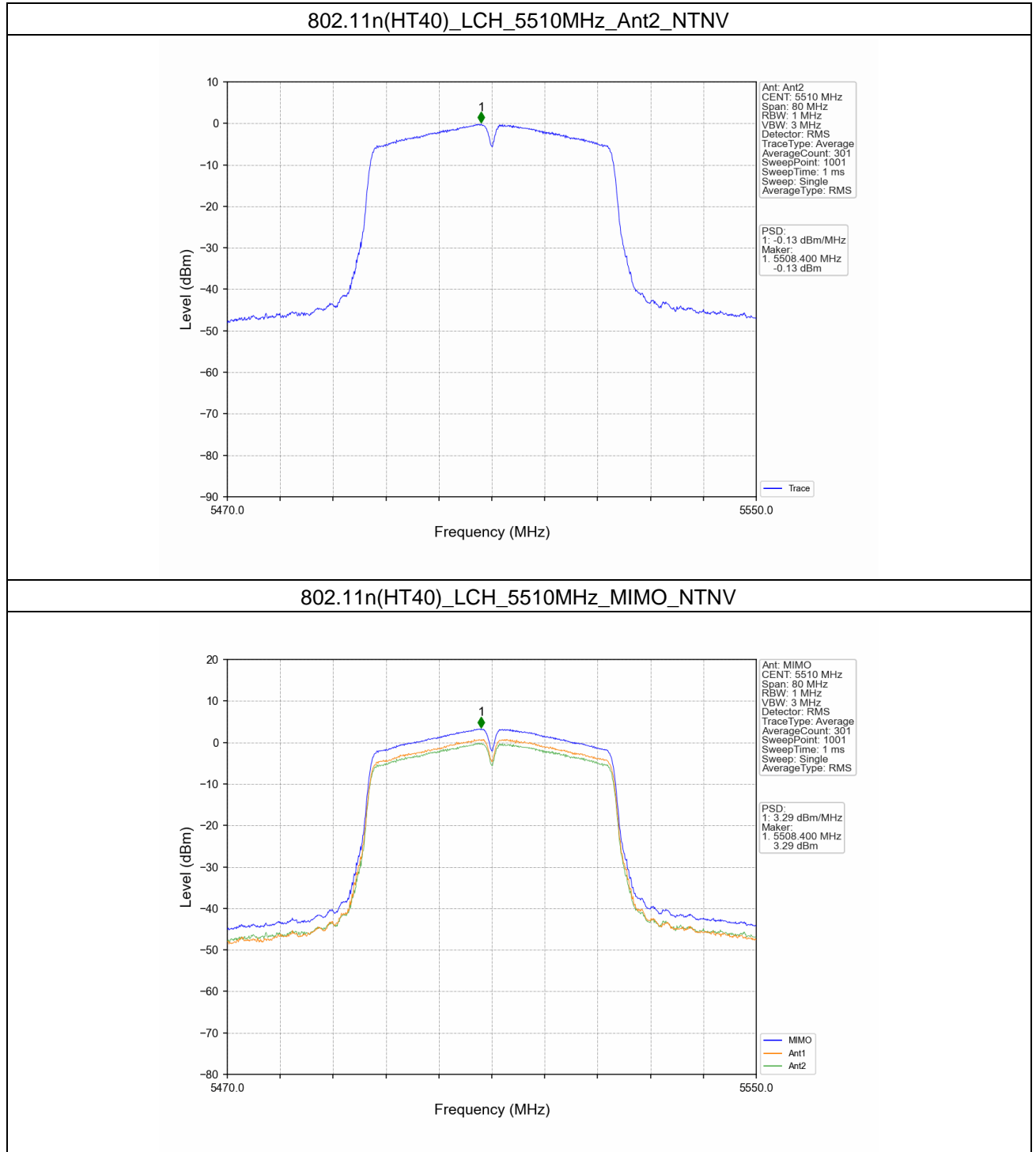
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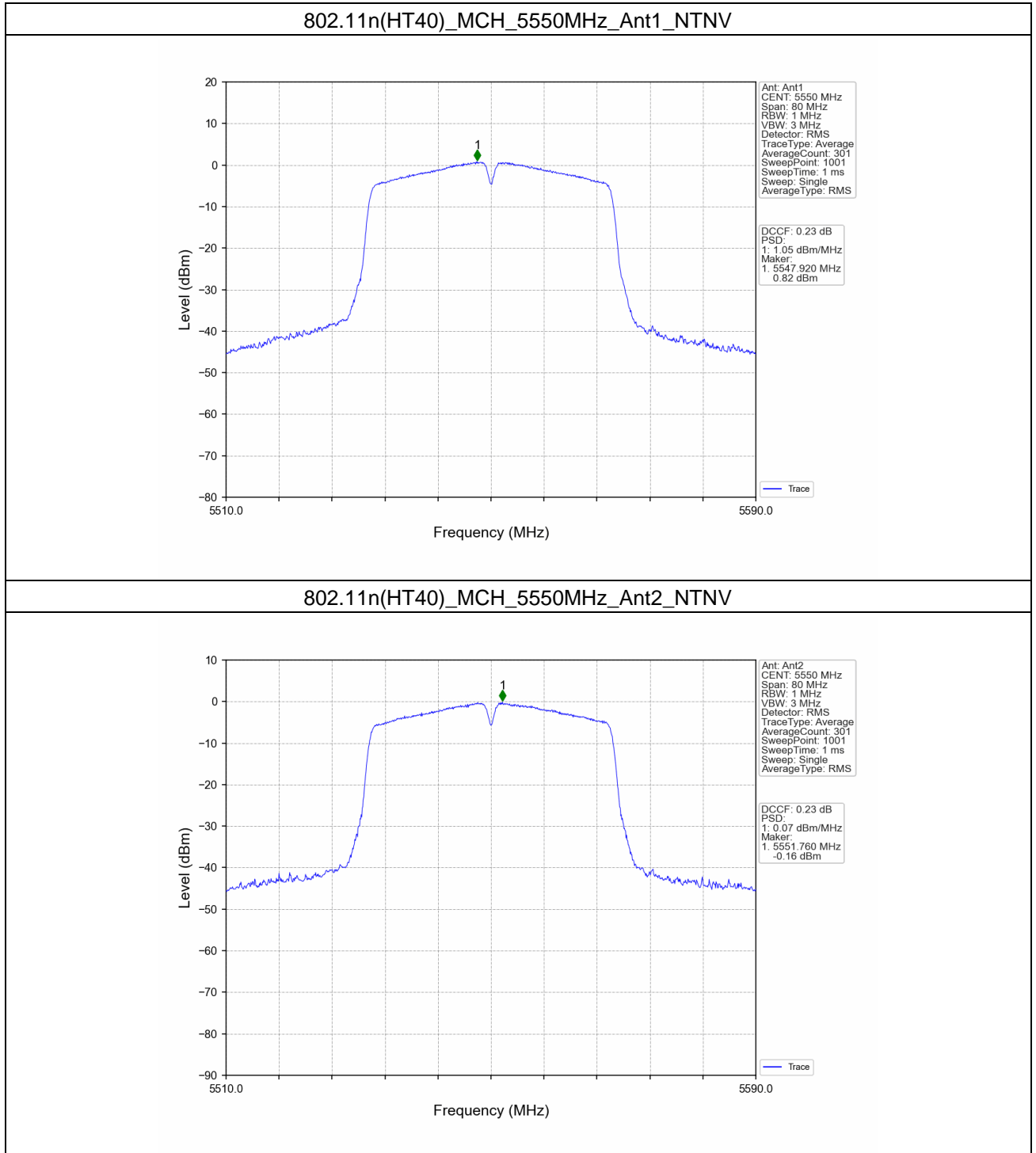
802.11n(HT40)\_HCH\_5310MHz\_MIMO\_NTNV



802.11n(HT40)\_LCH\_5510MHz\_Ant1\_NTNV



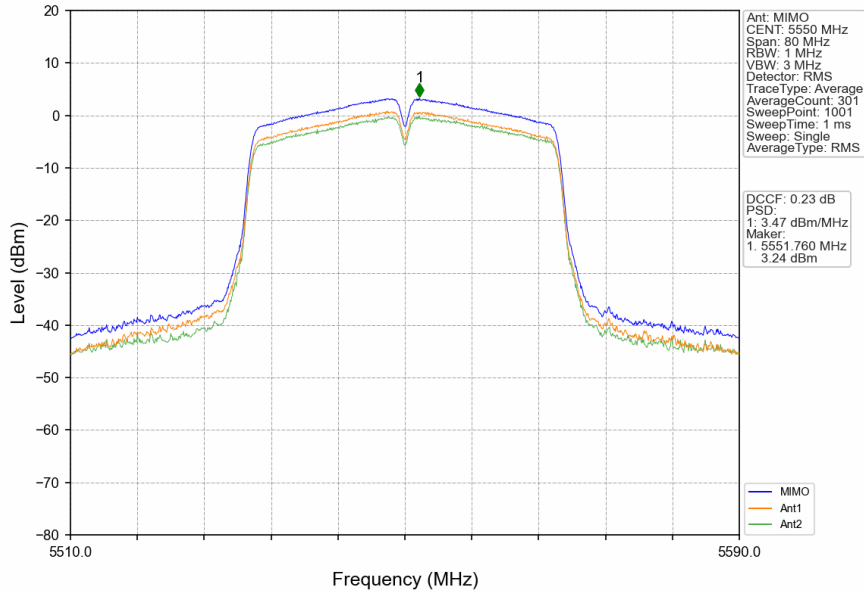




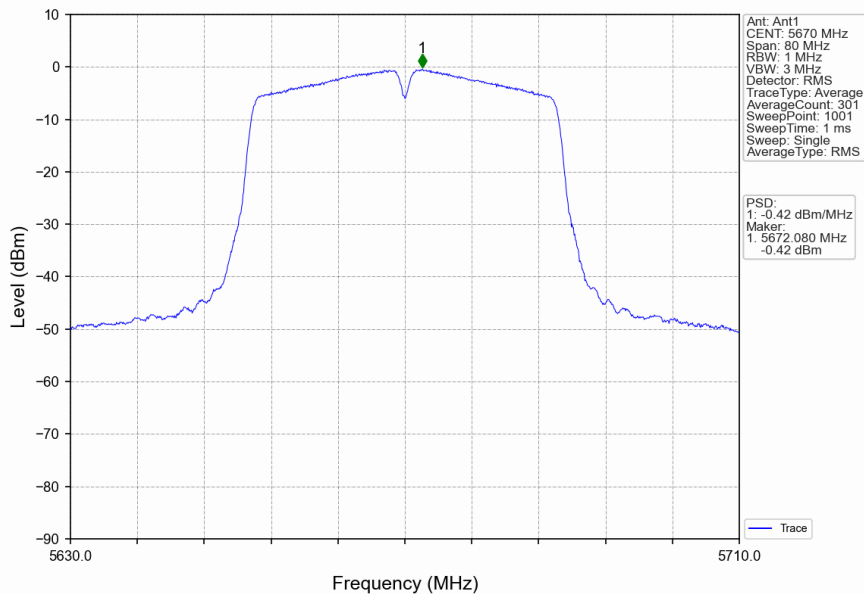
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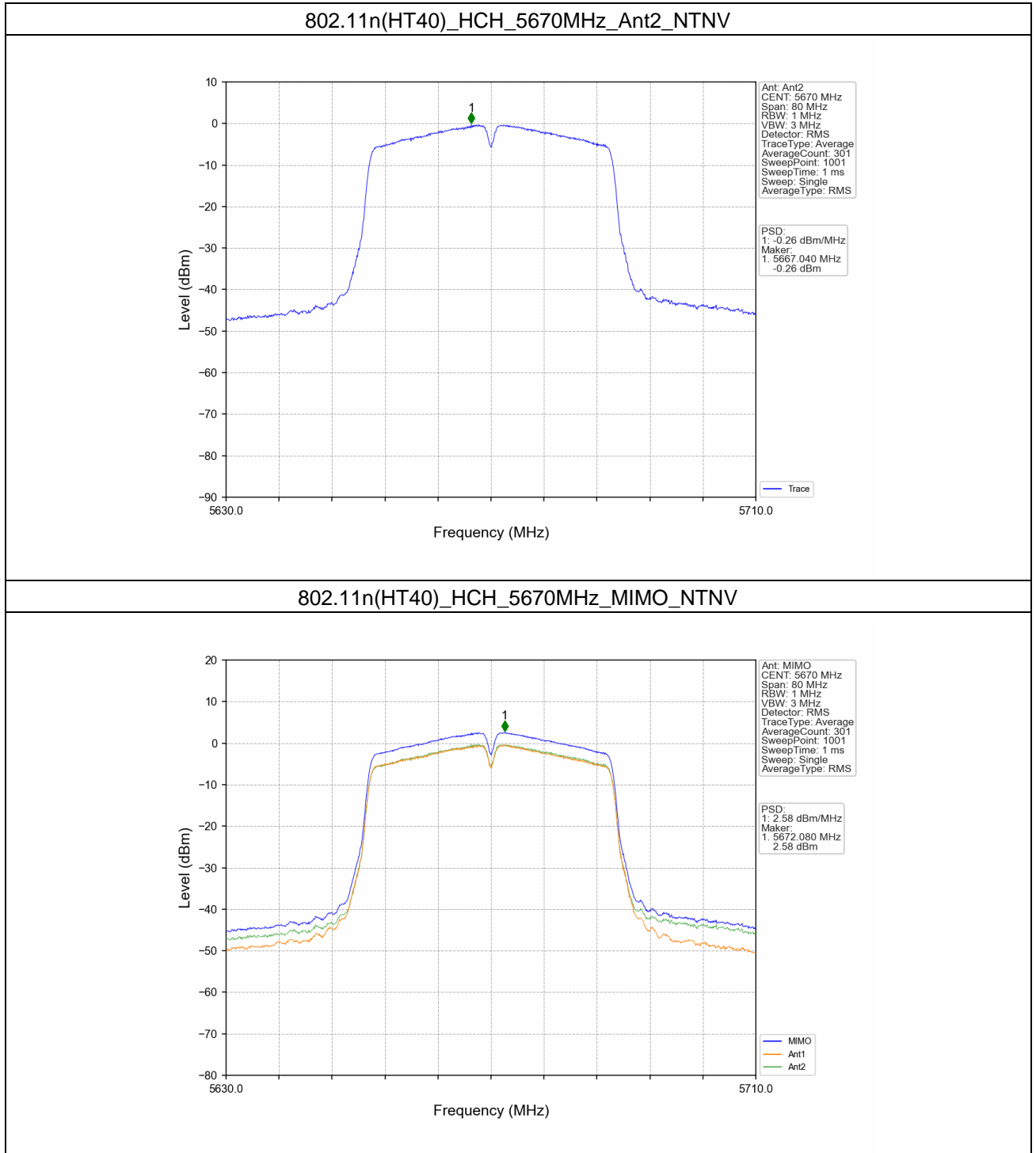
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802.11n(HT40)\_MCH\_5550MHz\_MIMO\_NTNV



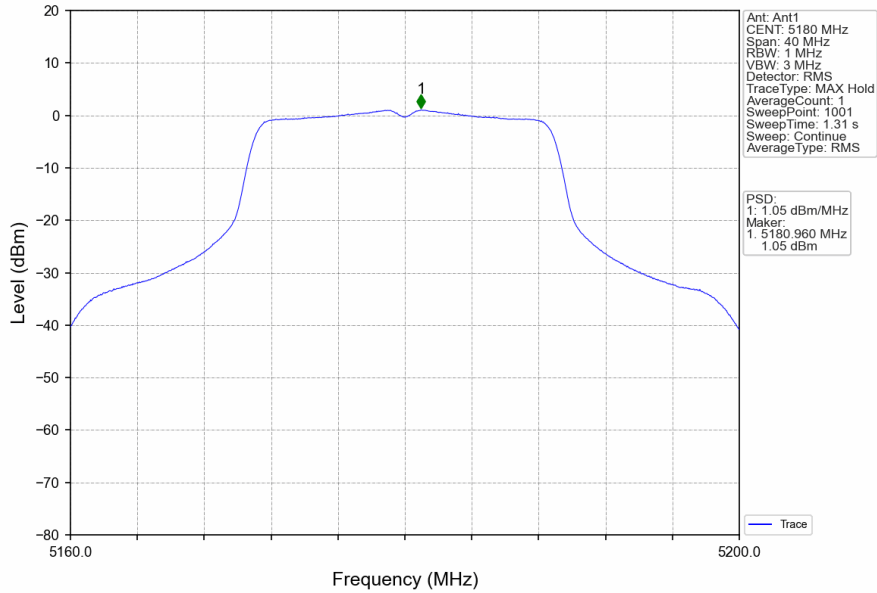
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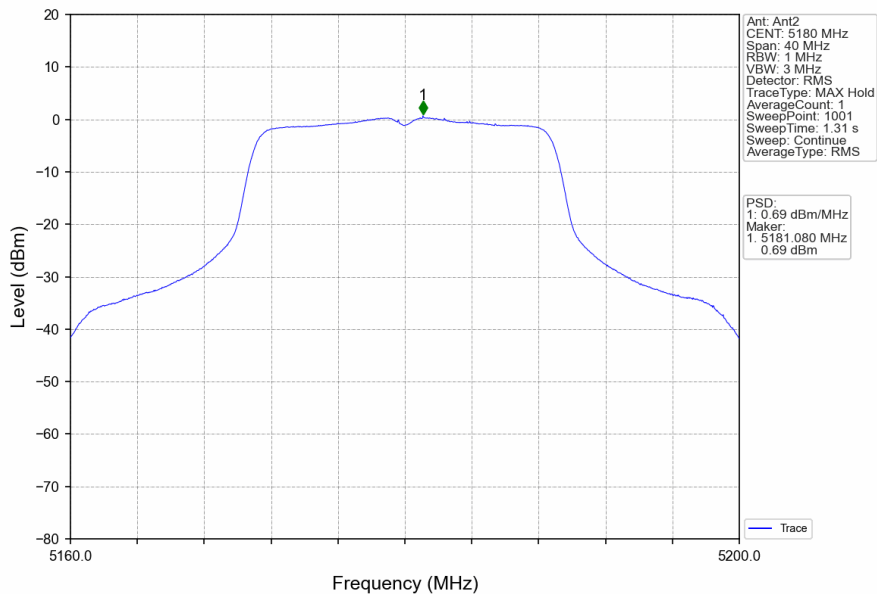


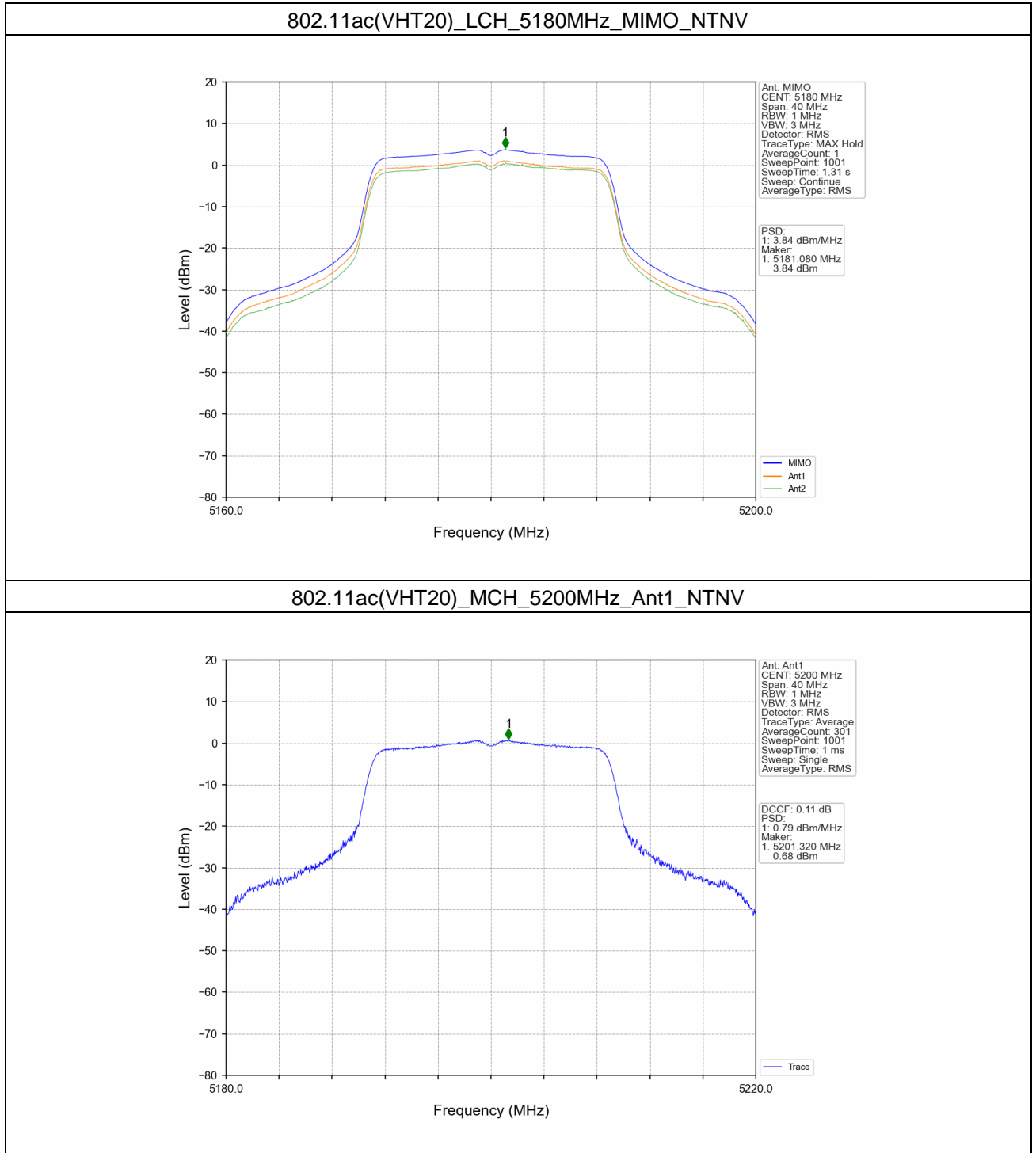


802.11ac(VHT20)\_LCH\_5180MHz\_Ant1\_NTNV

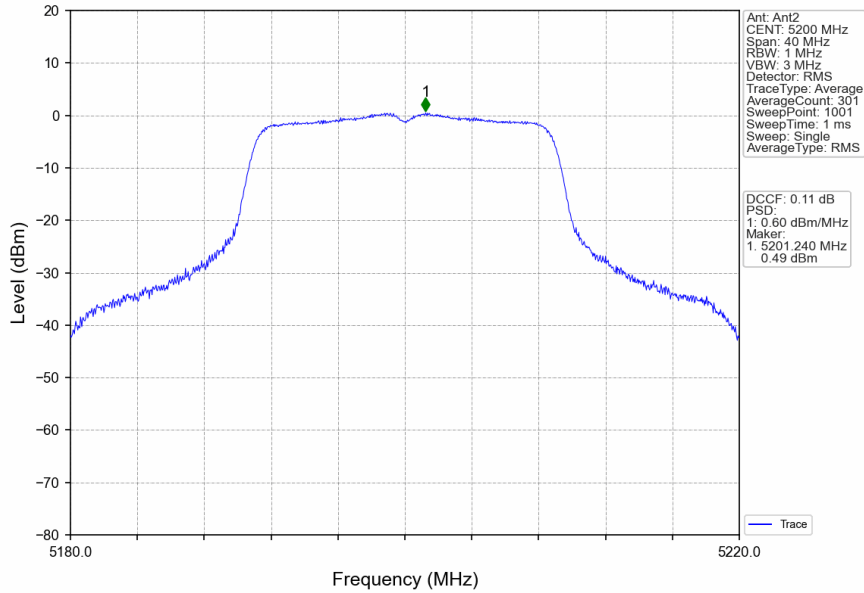


802.11ac(VHT20)\_LCH\_5180MHz\_Ant2\_NTNV

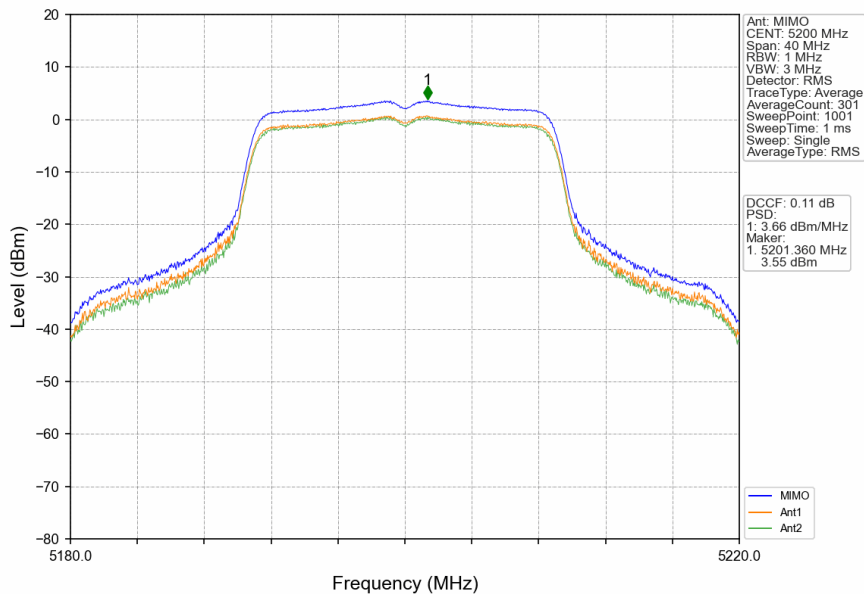




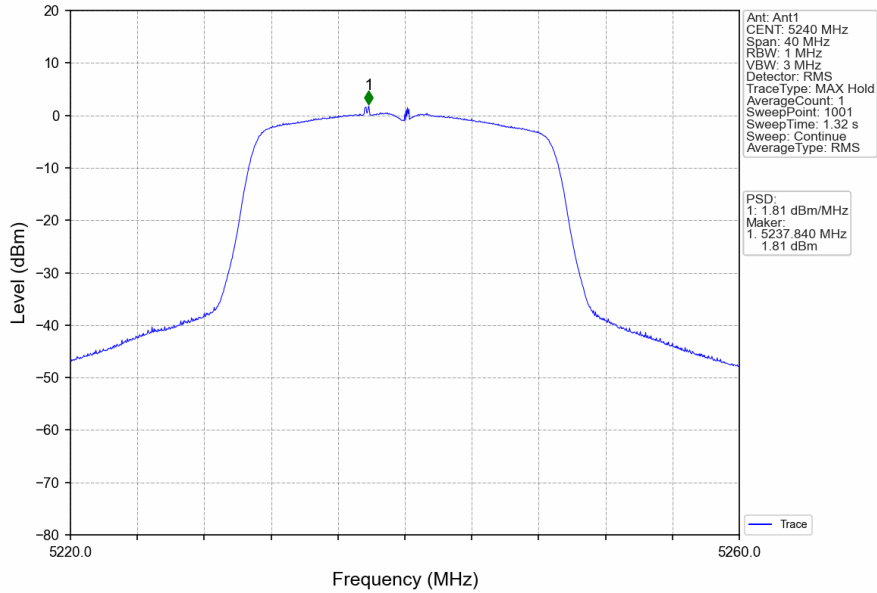
802.11ac(VHT20)\_MCH\_5200MHz\_Ant2\_NTNV



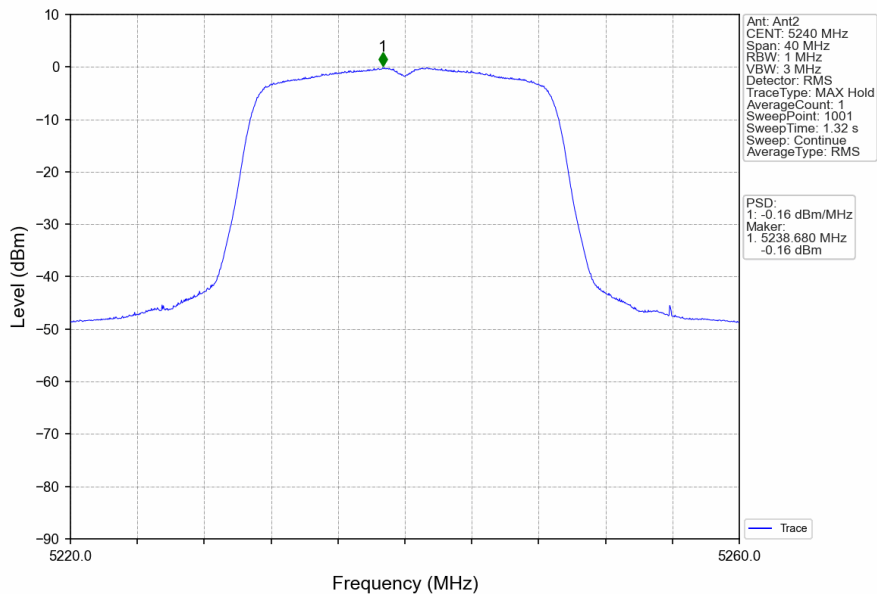
802.11ac(VHT20)\_MCH\_5200MHz\_MIMO\_NTNV



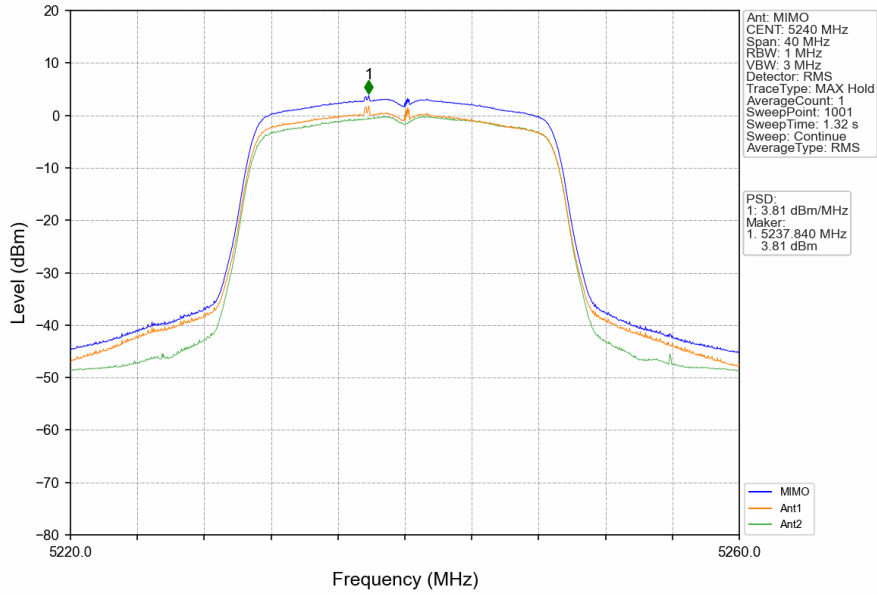
802.11ac(VHT20)\_HCH\_5240MHz\_Ant1\_NTNV



802.11ac(VHT20)\_HCH\_5240MHz\_Ant2\_NTNV



### 802.11ac(VHT20)\_HCH\_5240MHz\_MIMO\_NTNV



### 802.11ac(VHT20)\_LCH\_5260MHz\_Ant1\_NTNV

