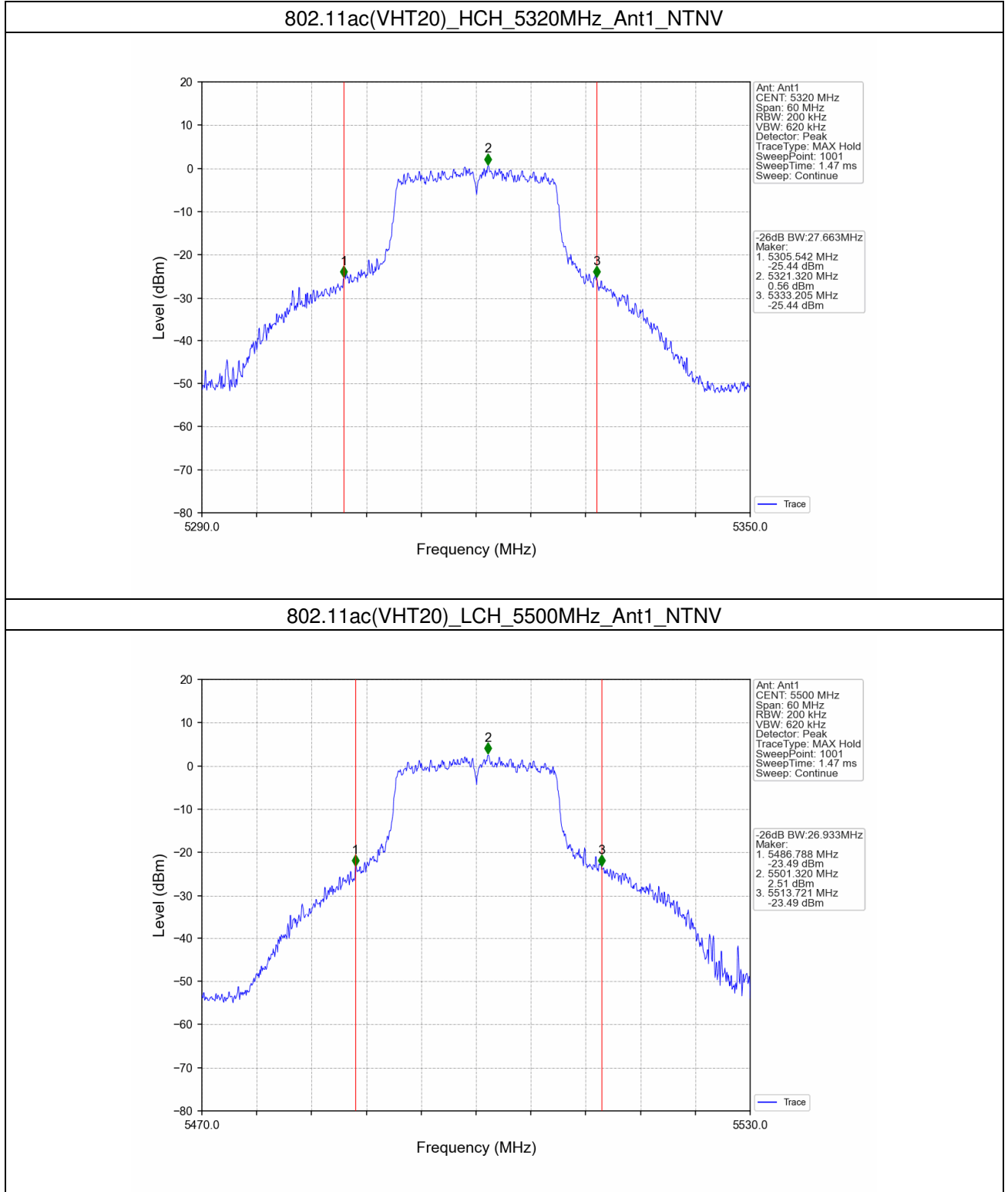


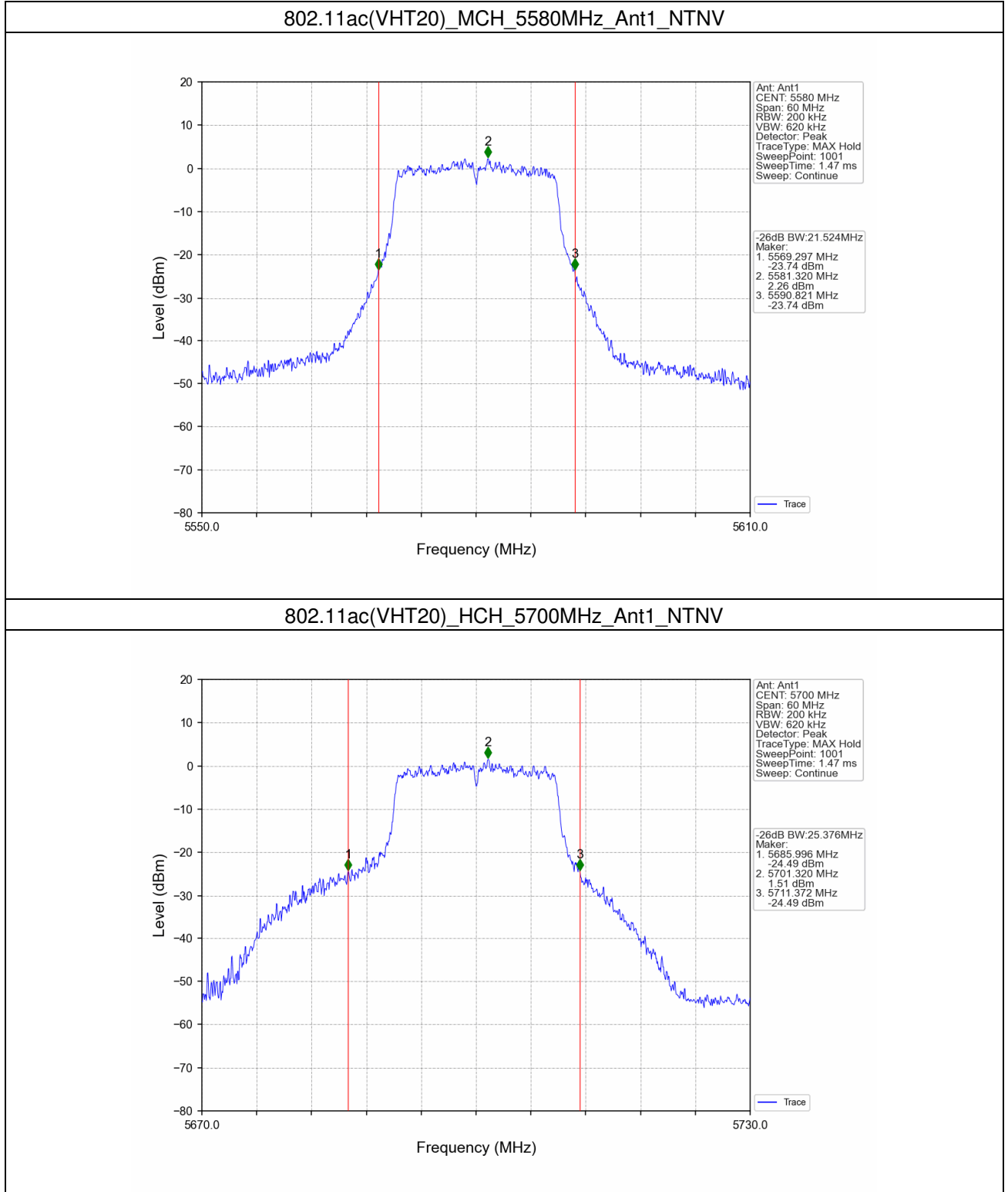
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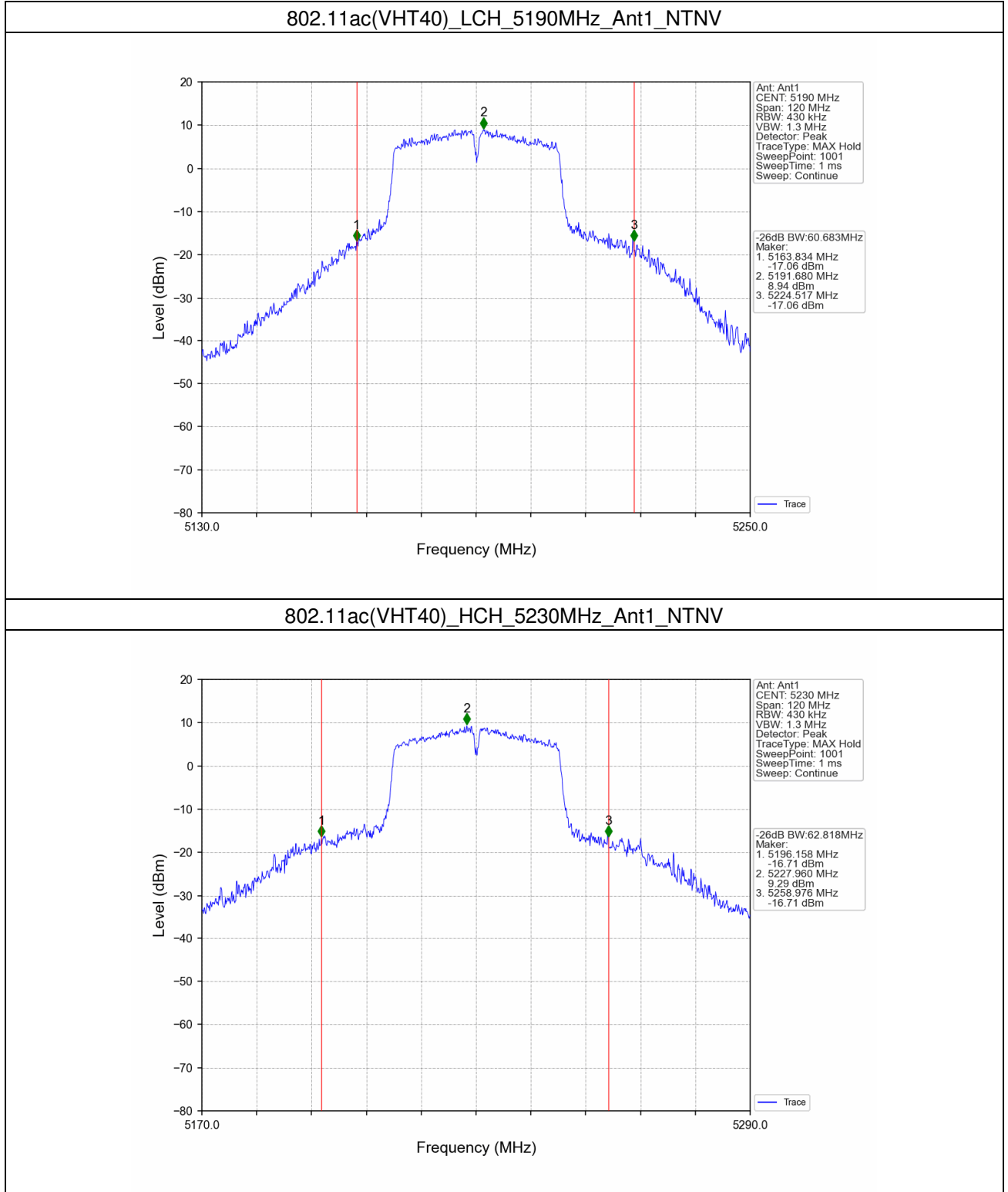


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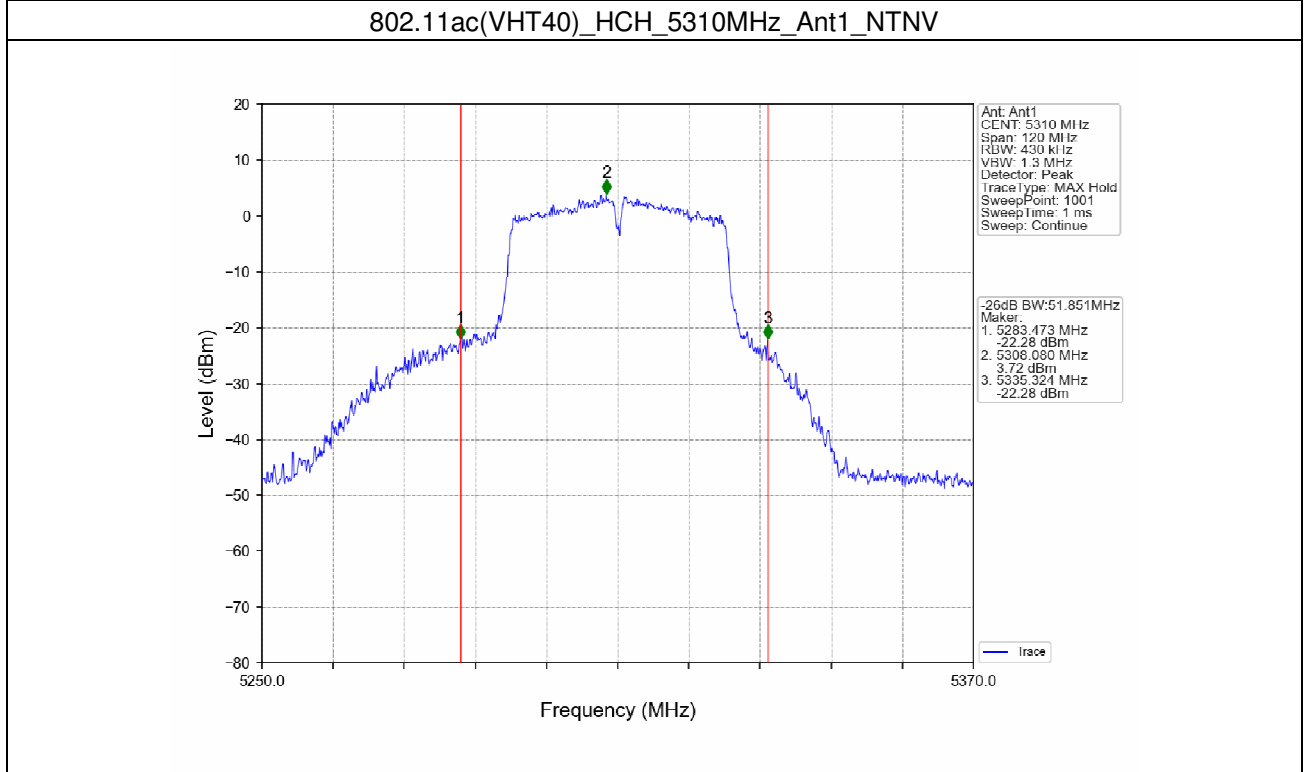
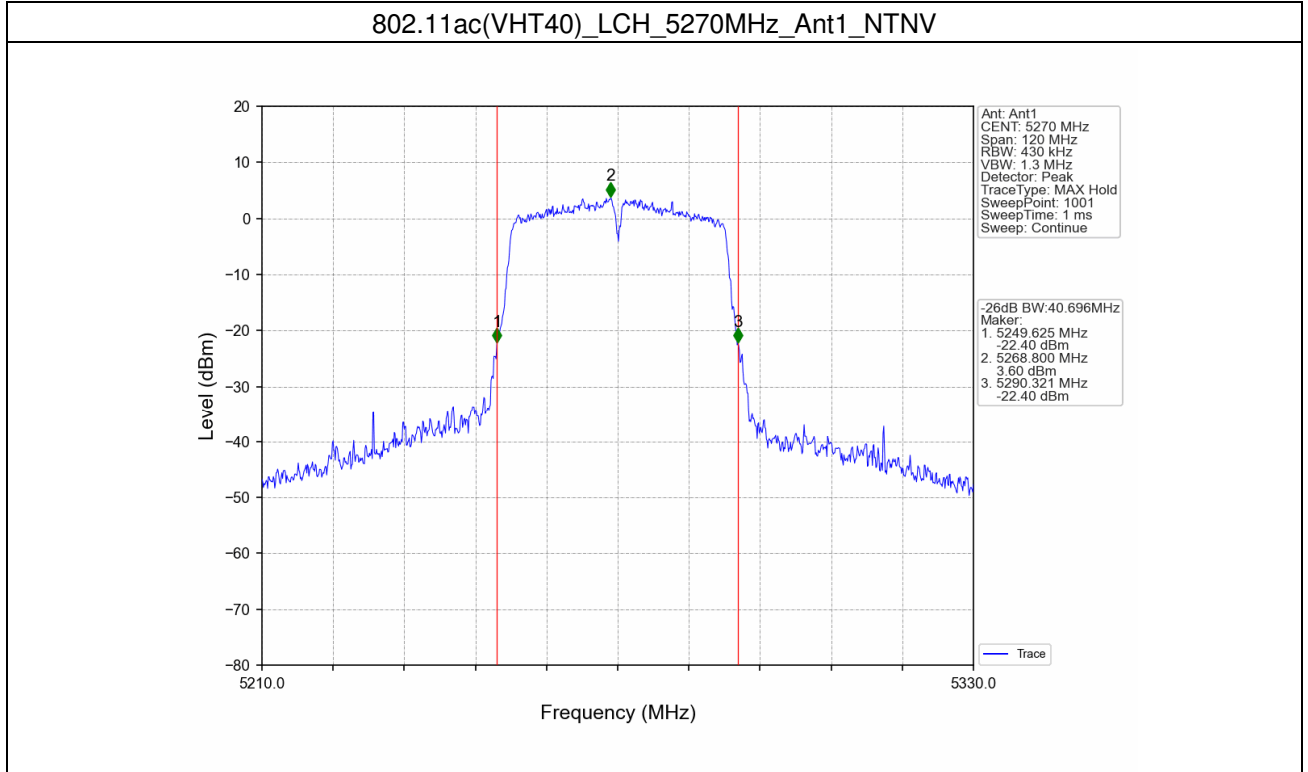


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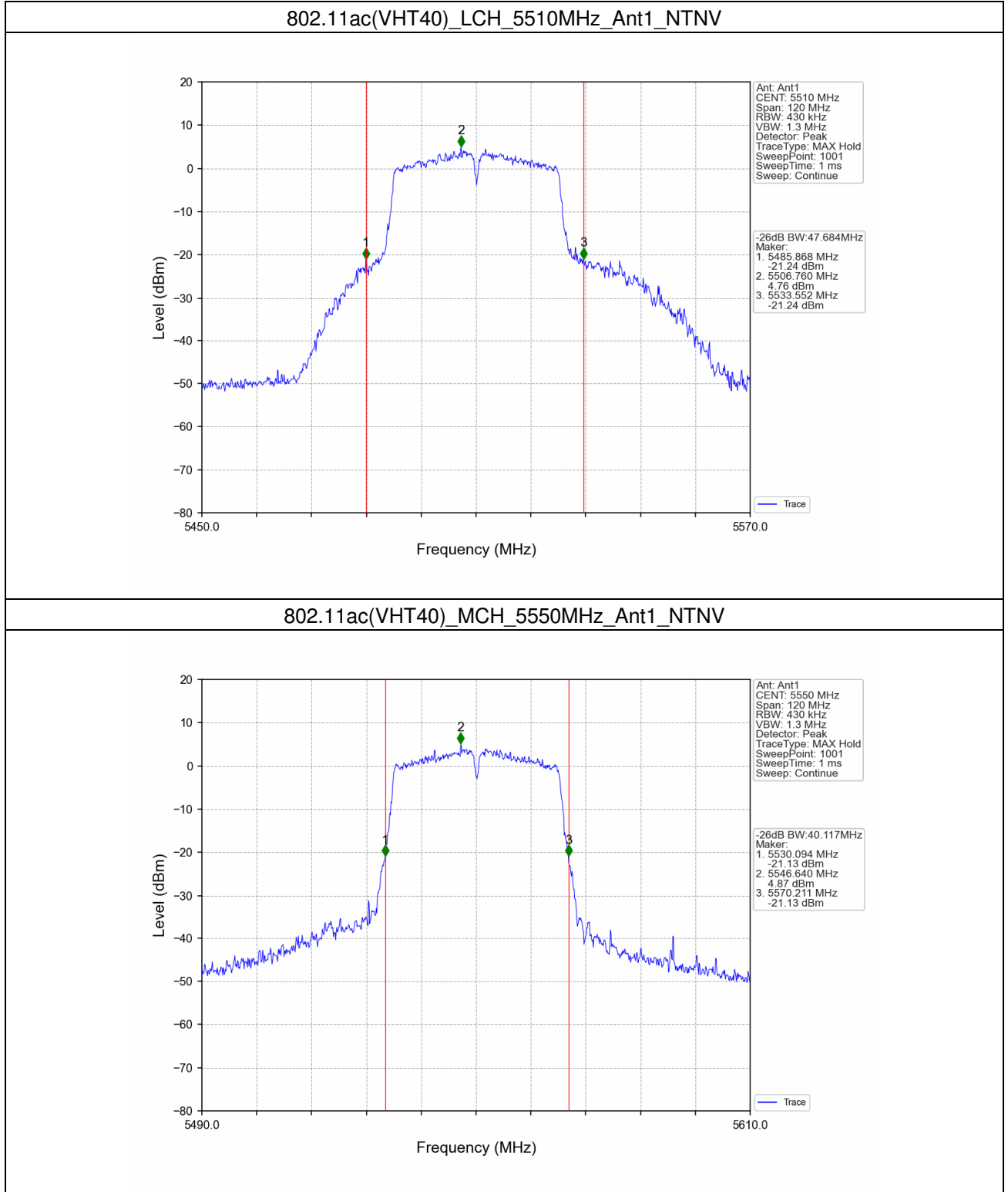


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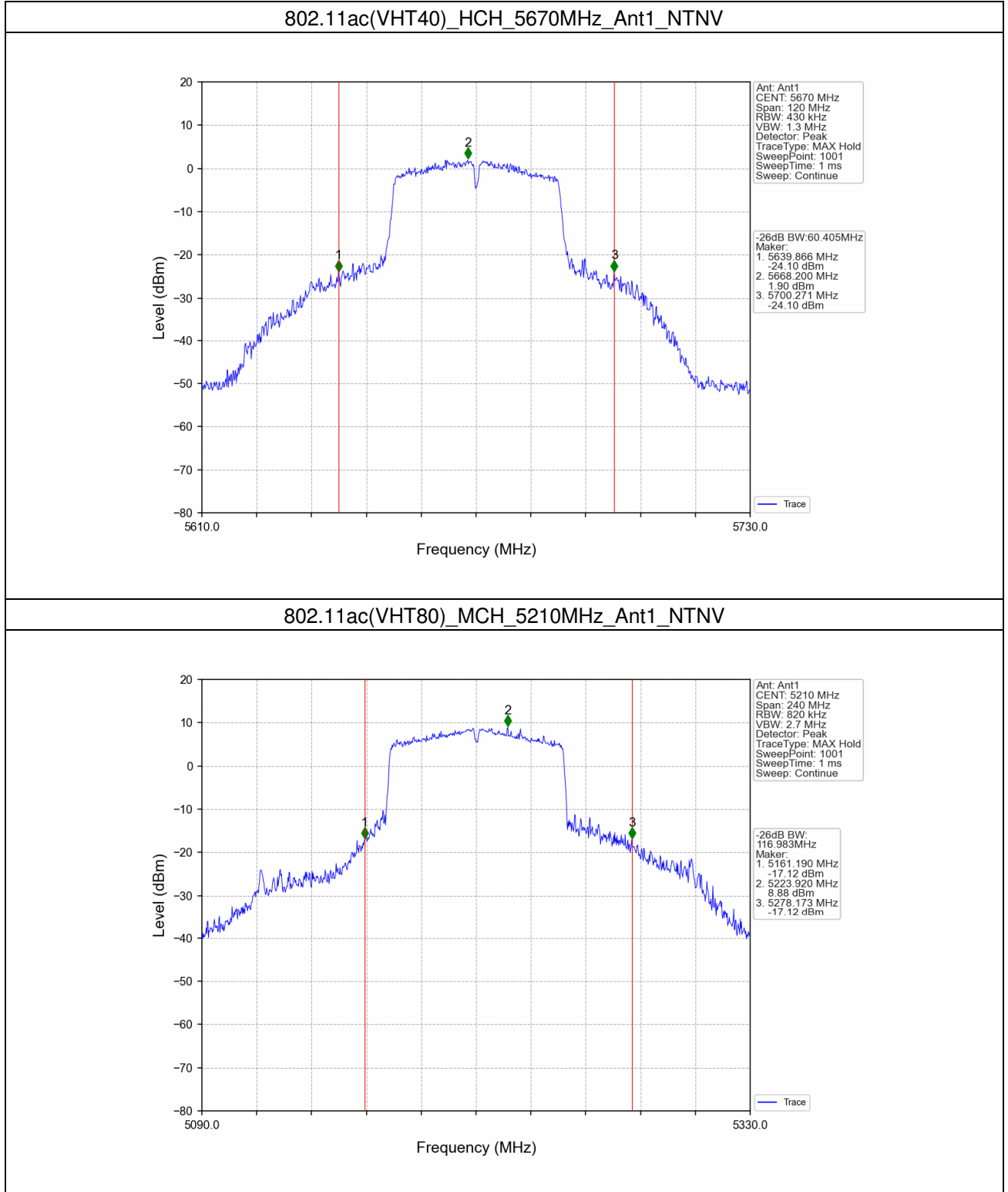


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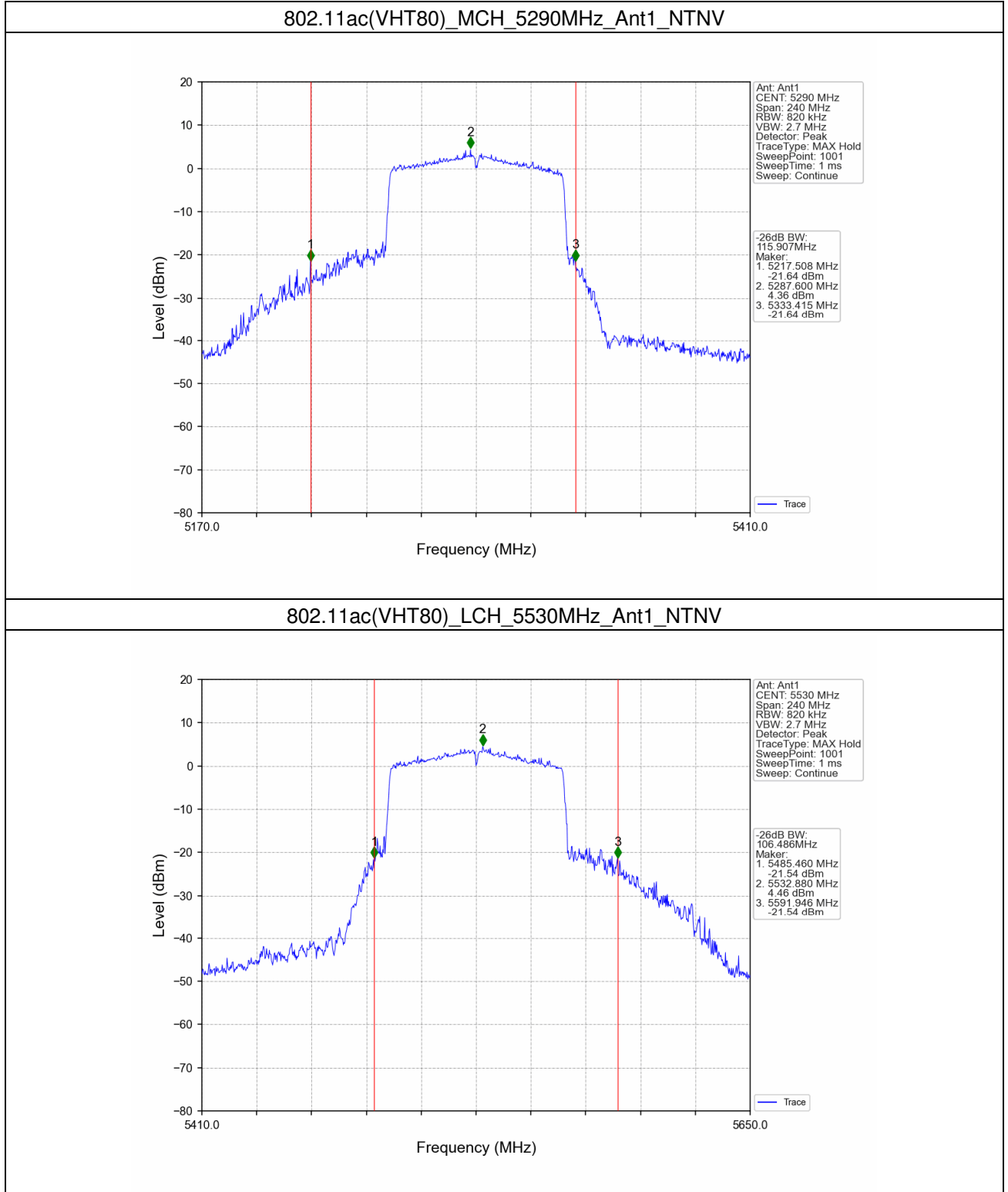
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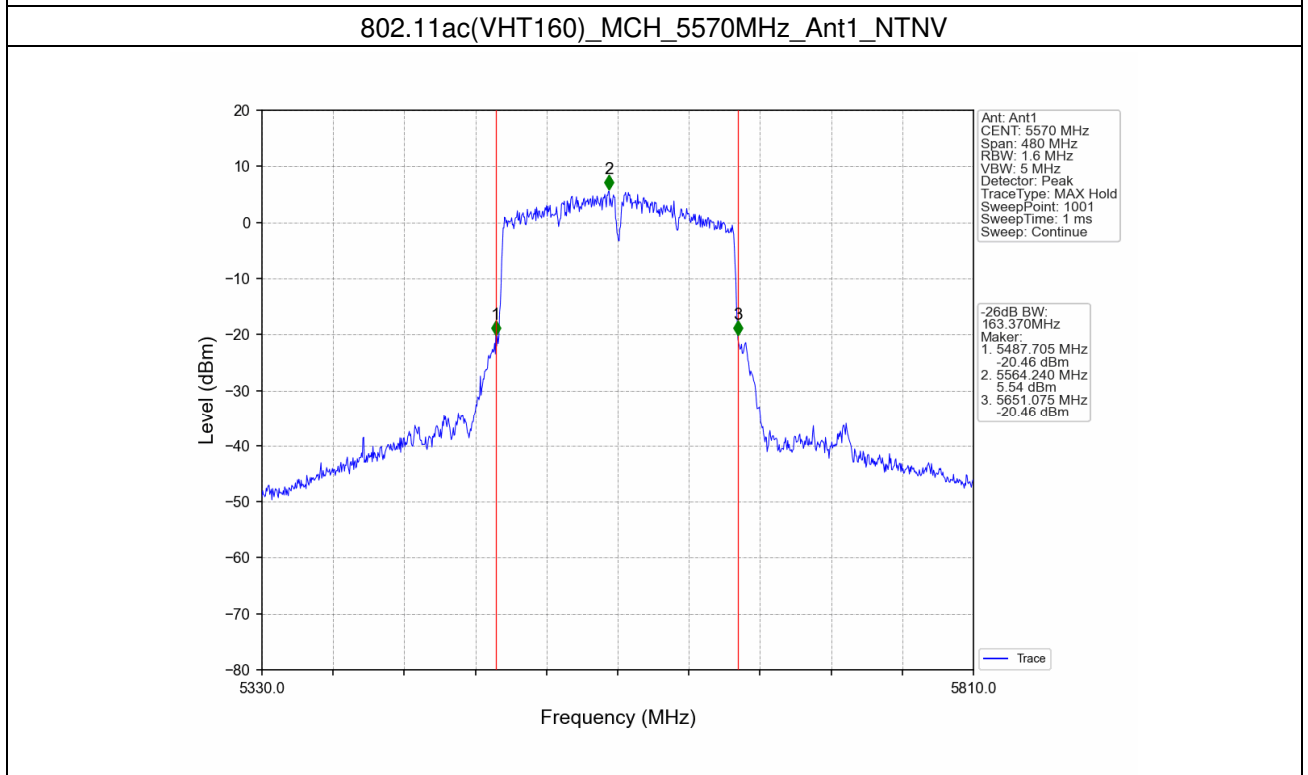
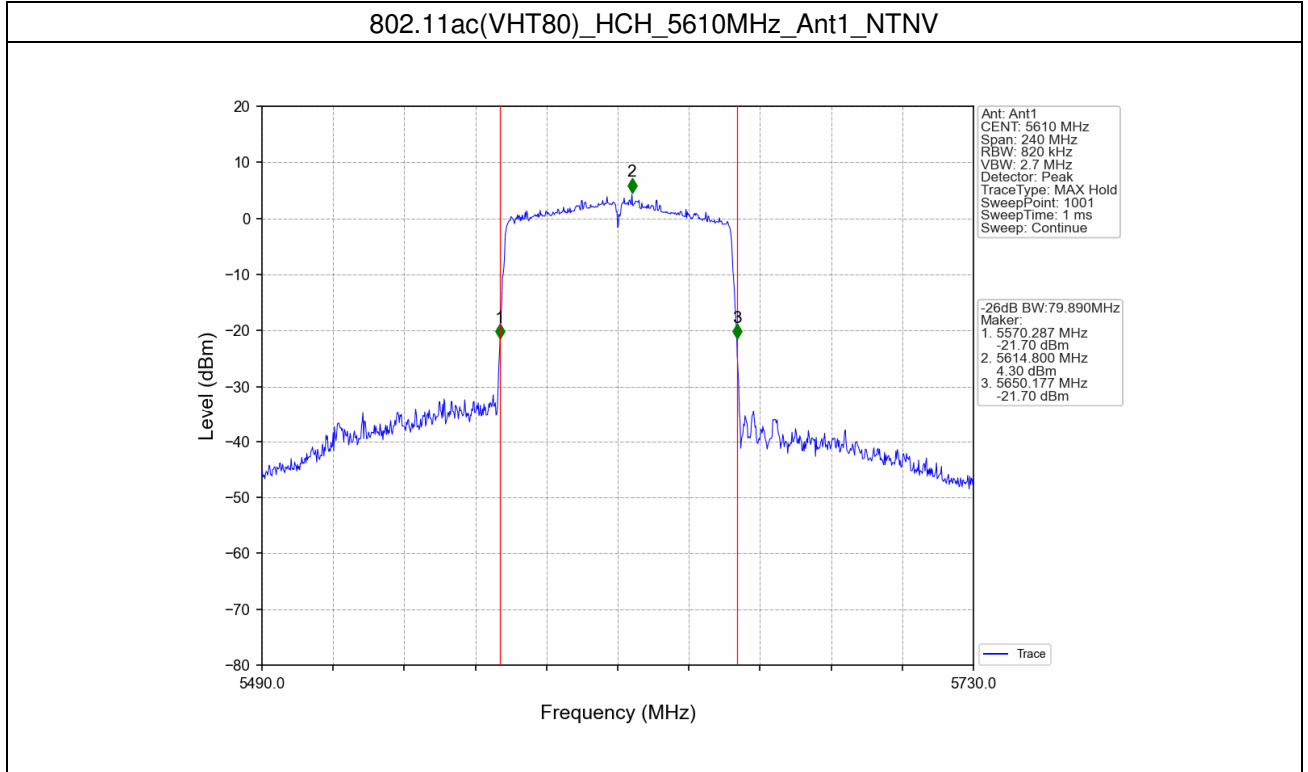
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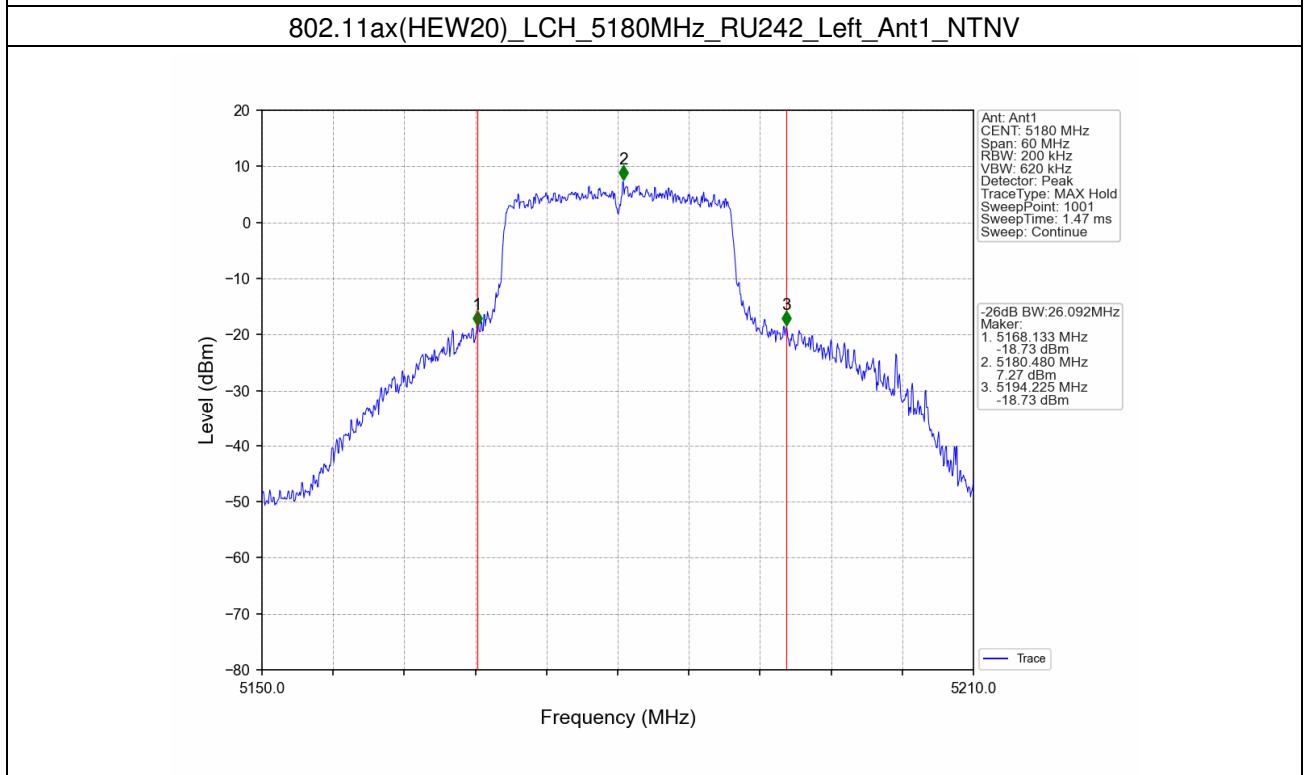
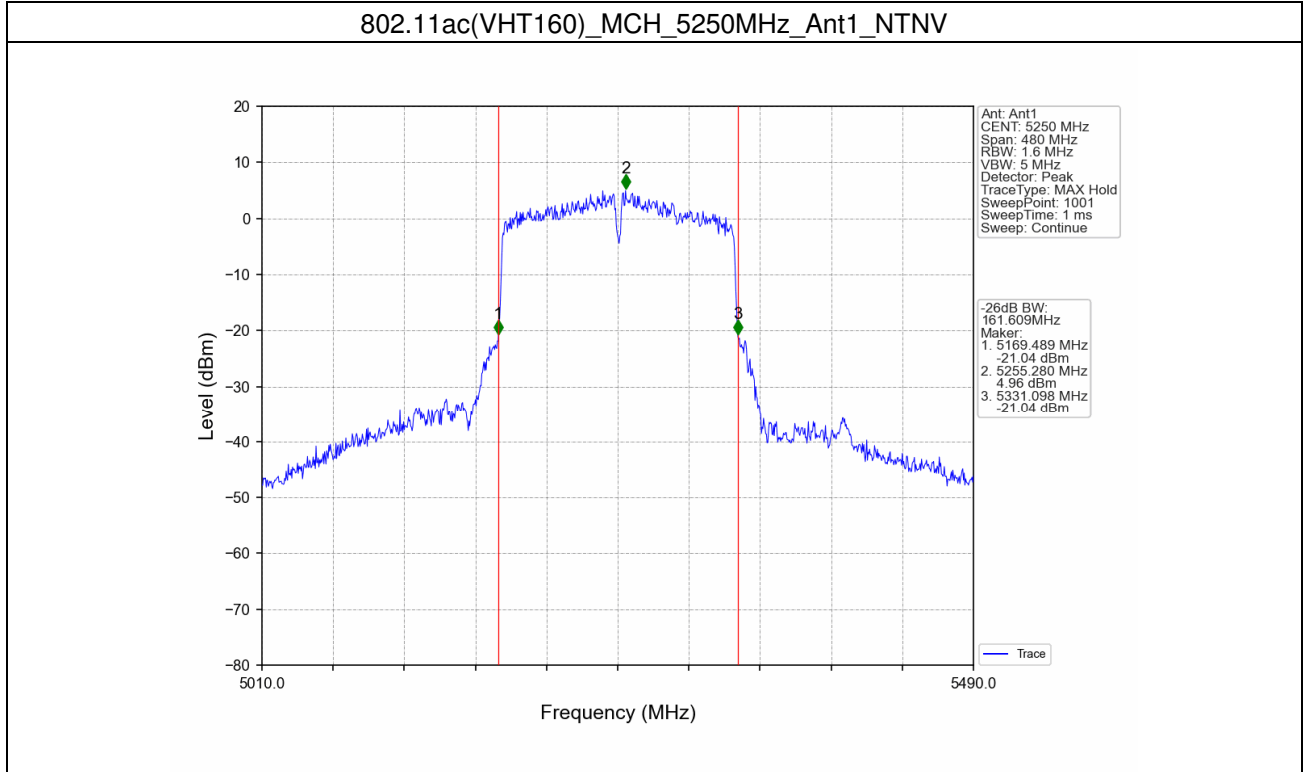
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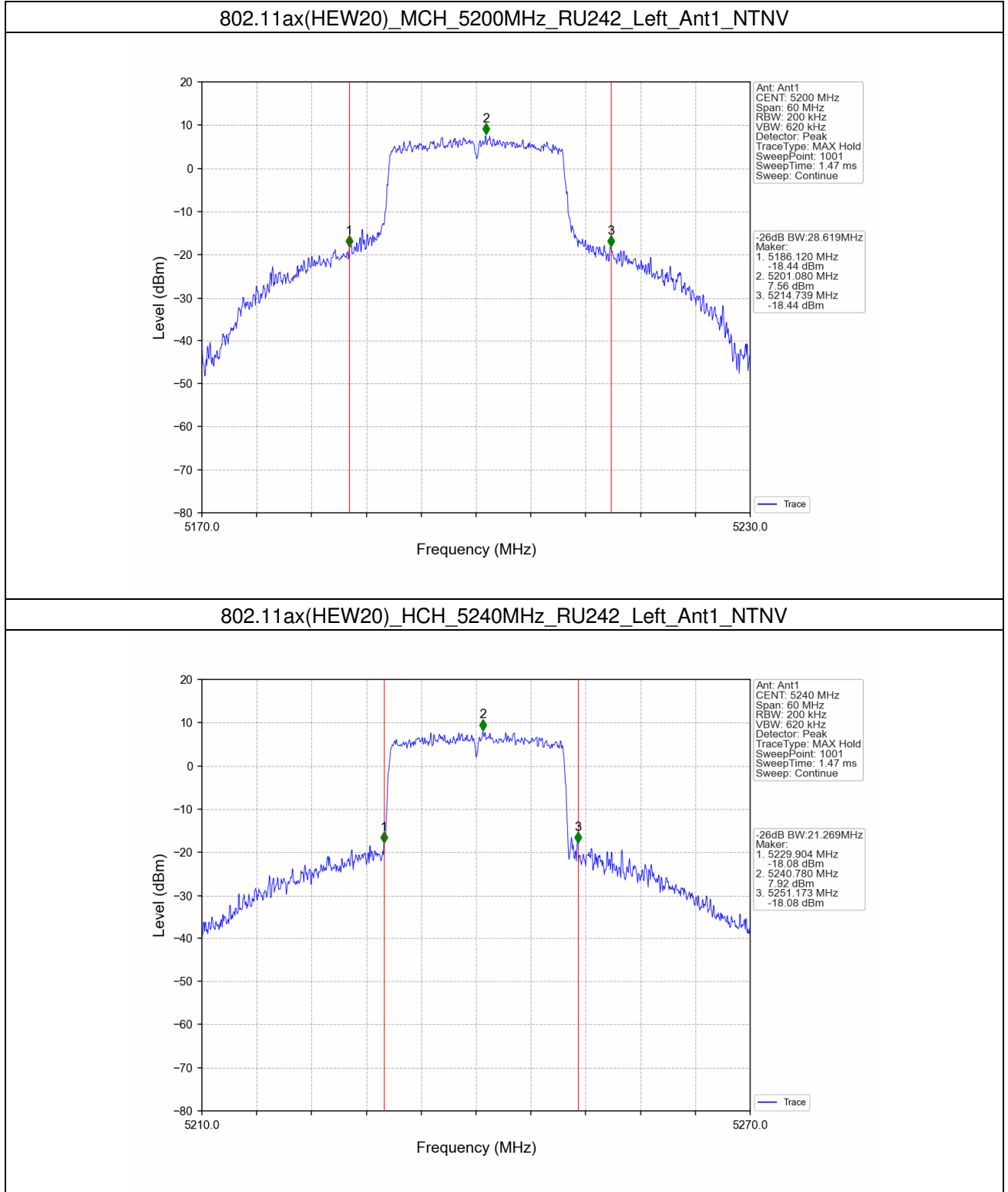


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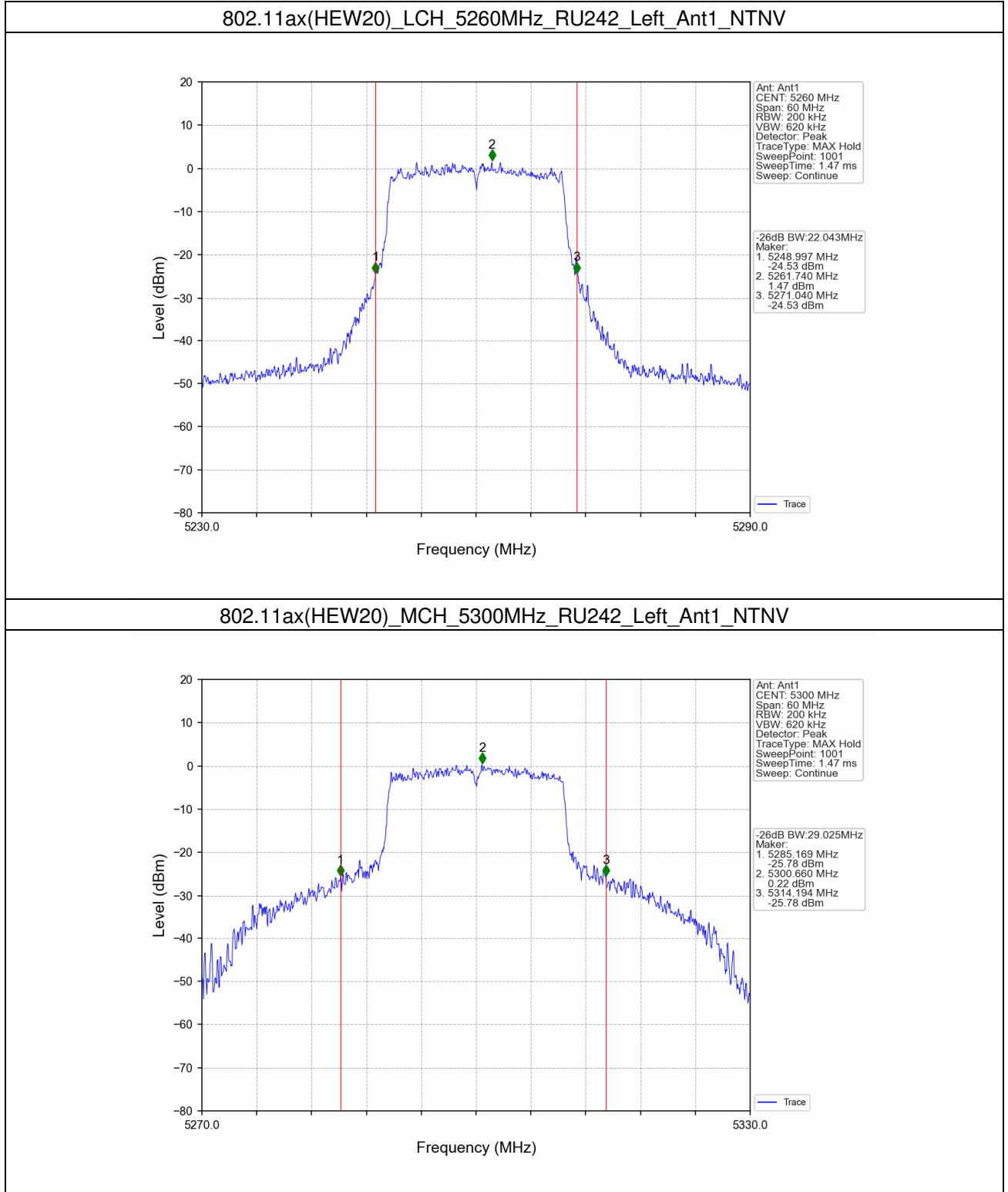
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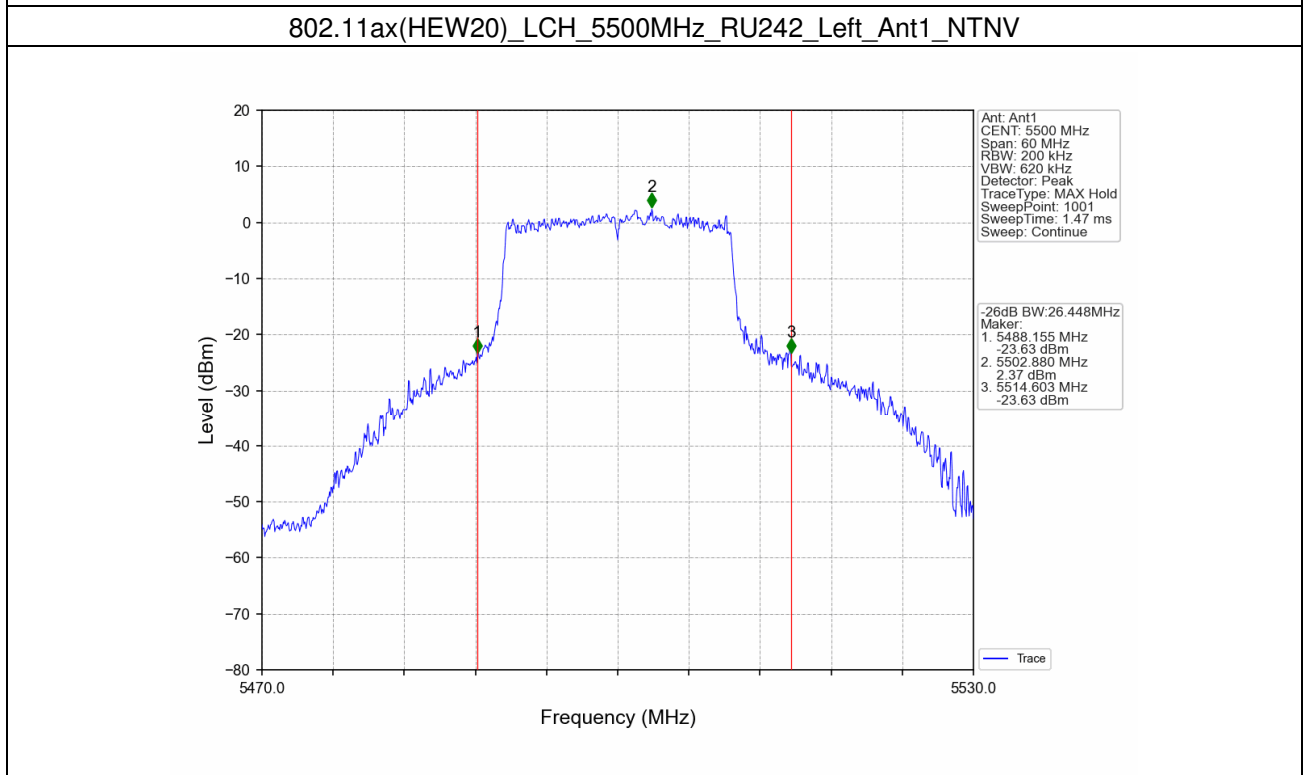
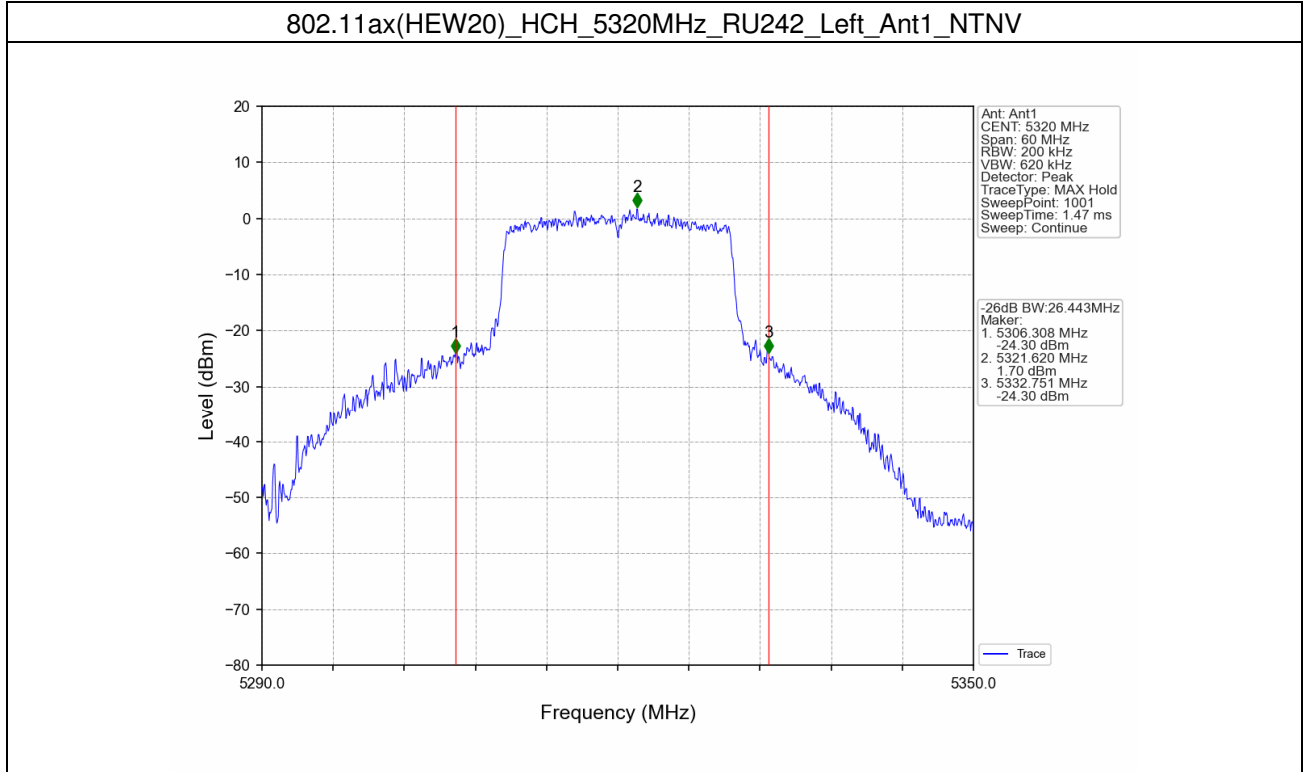


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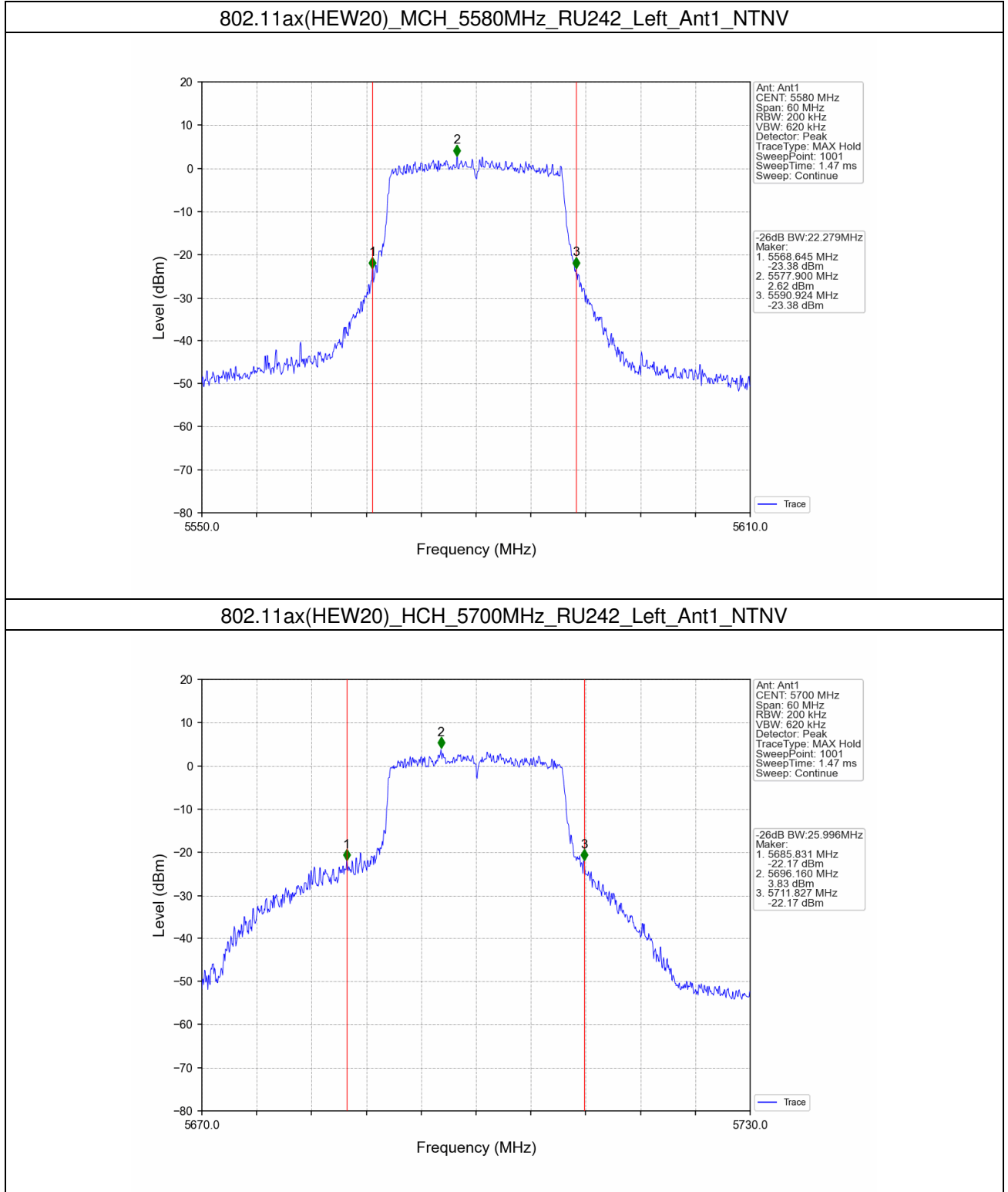


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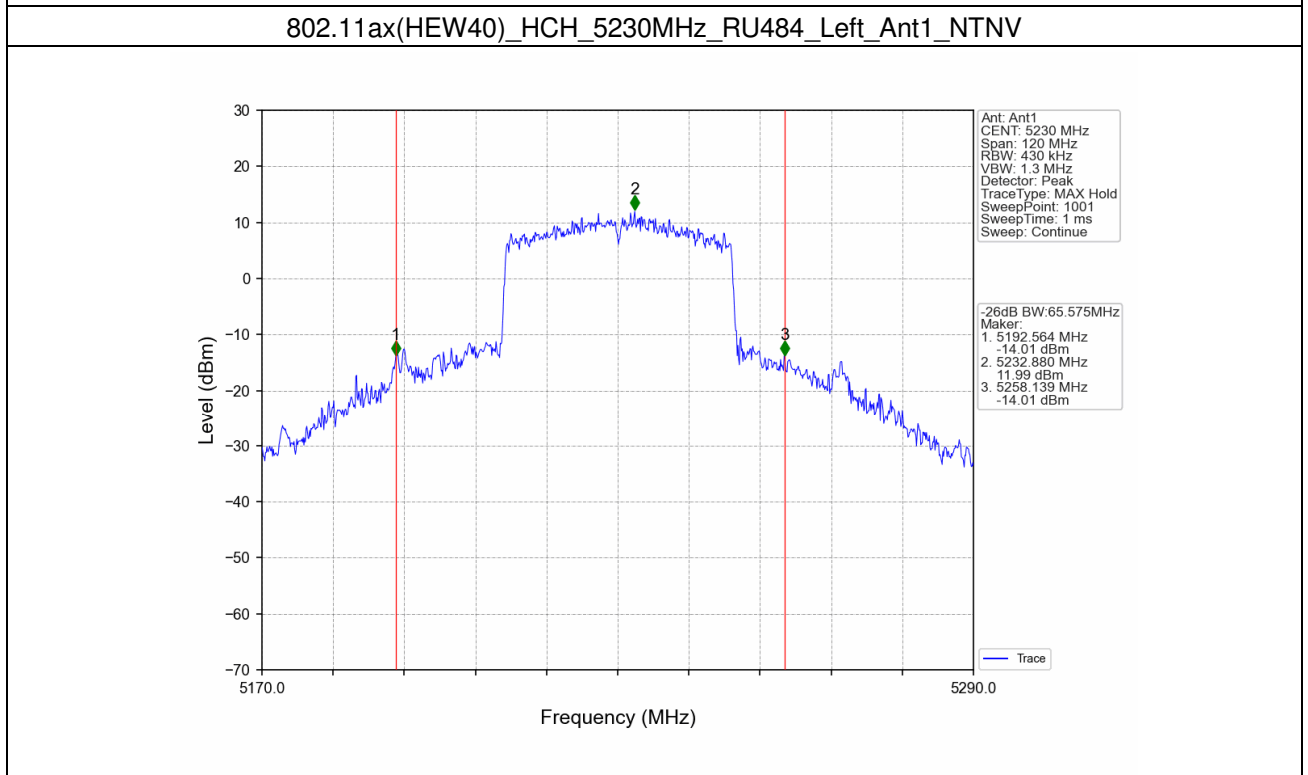
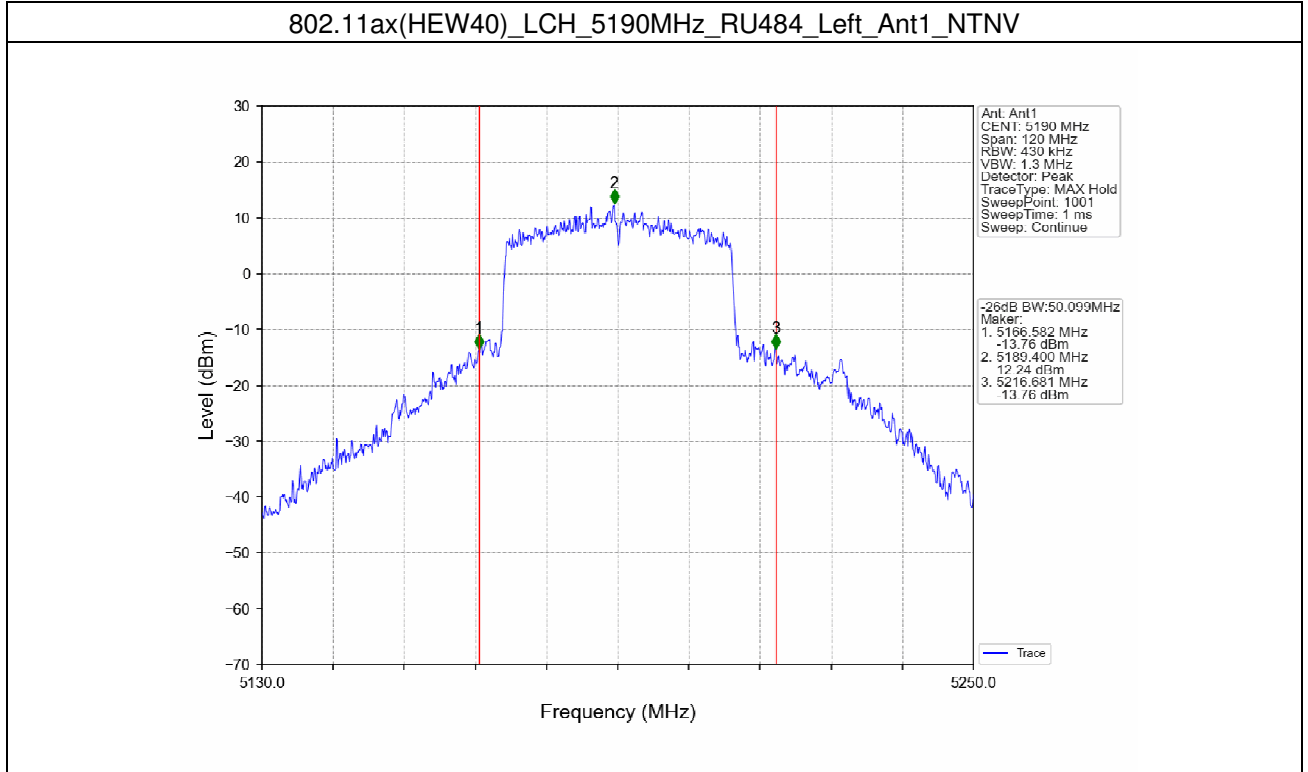


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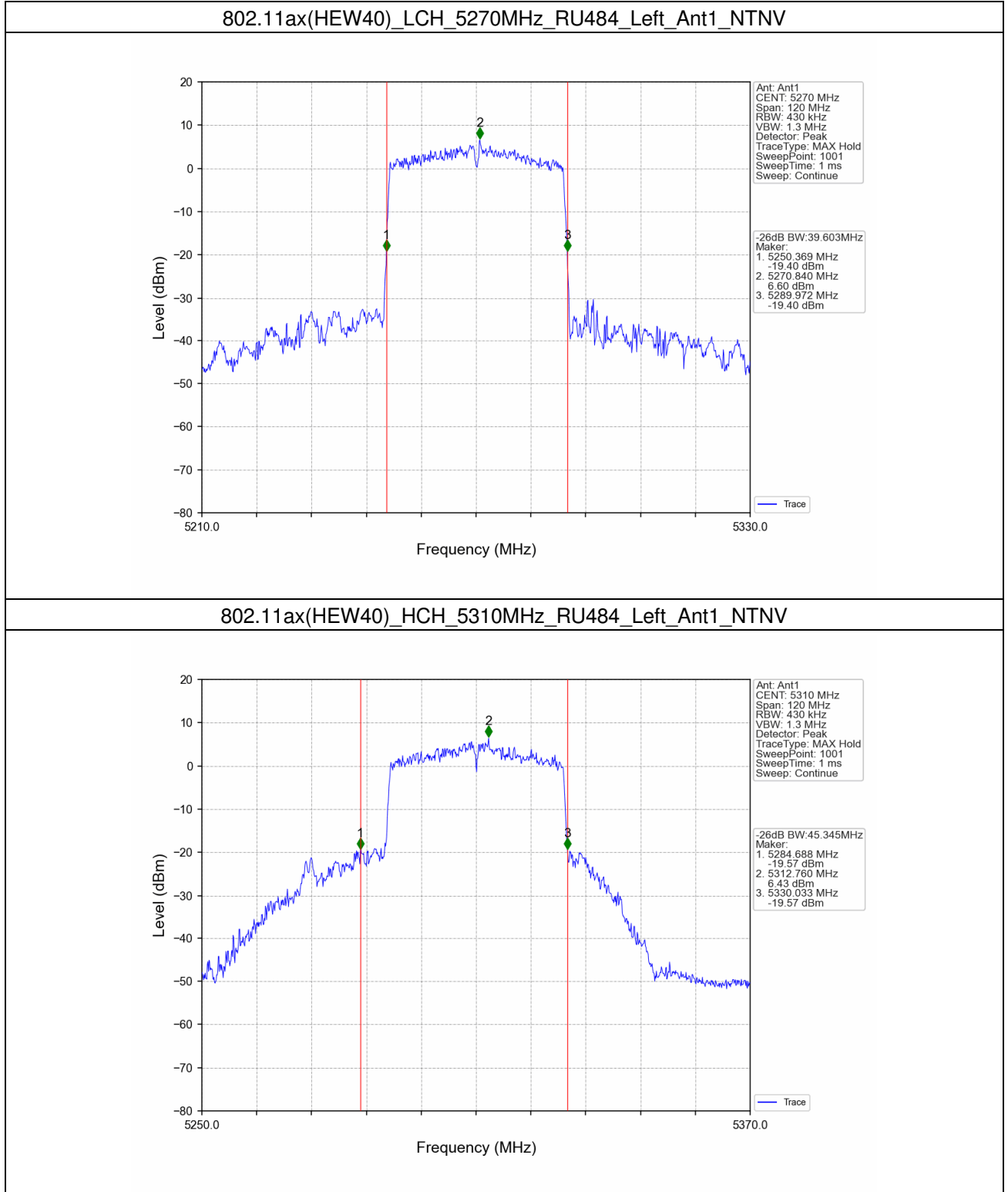


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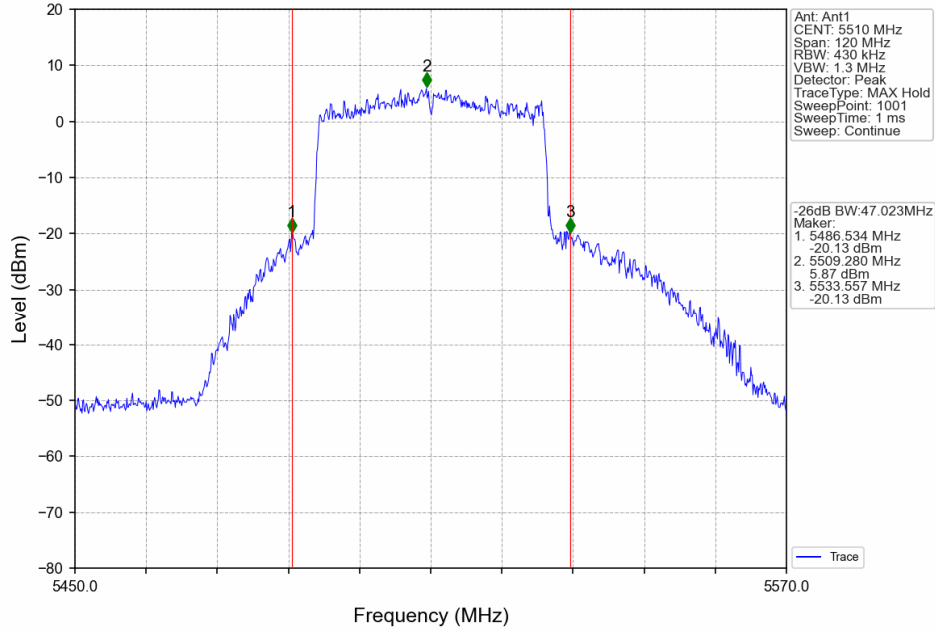


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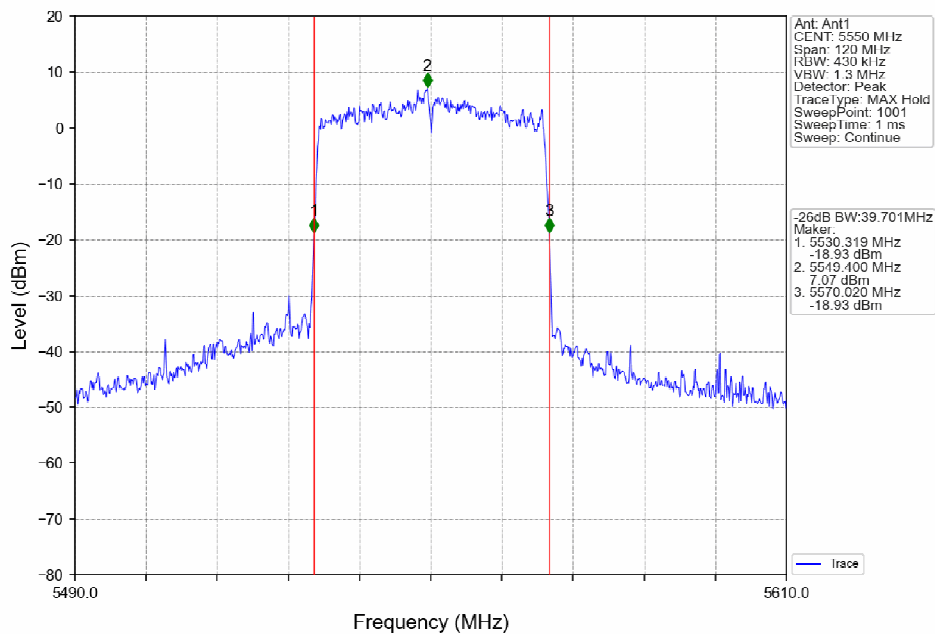
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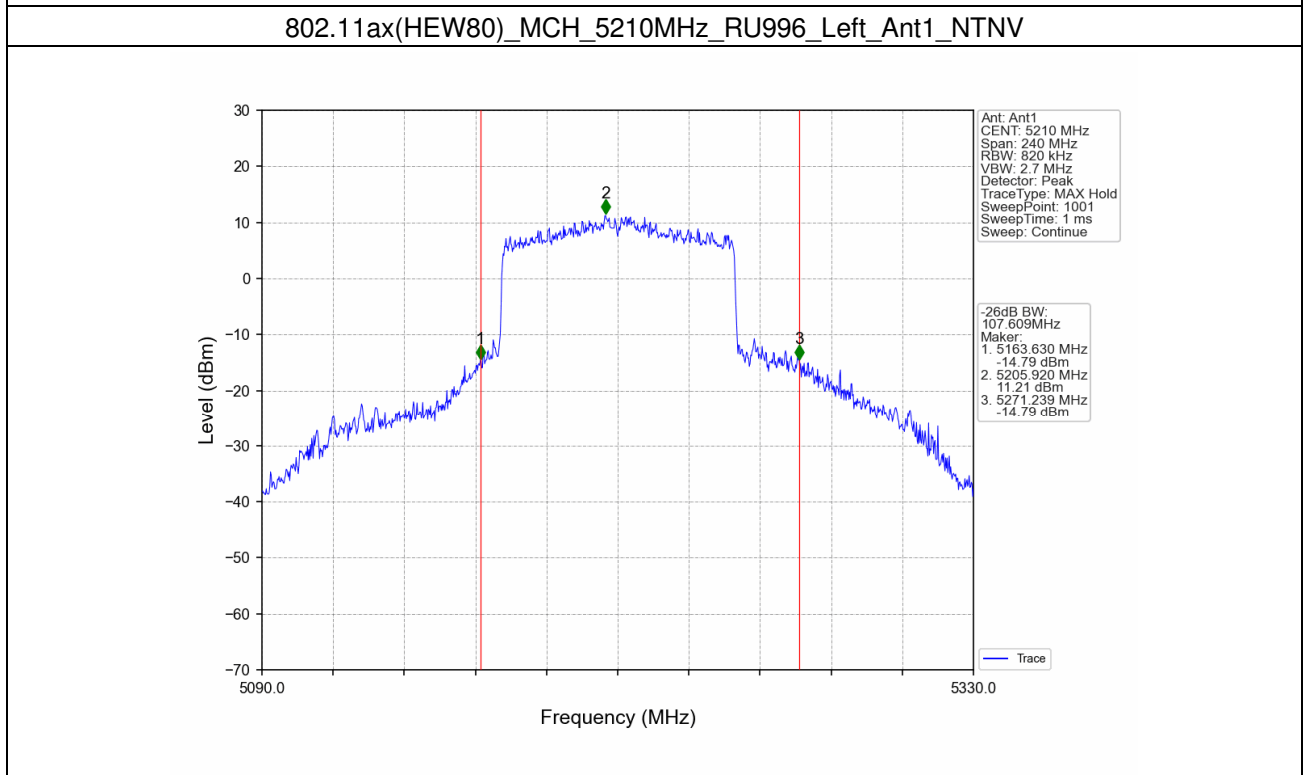
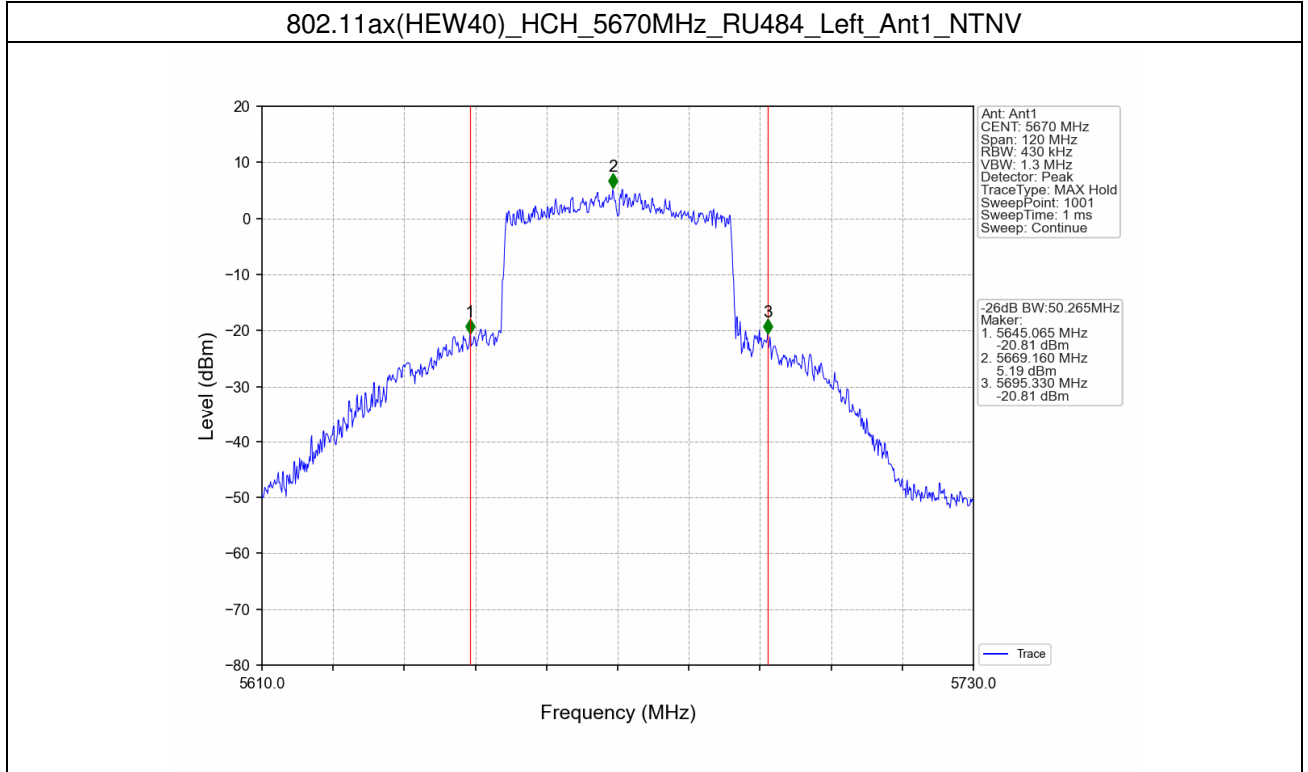
### 802.11ax(HEW40)\_LCH\_5510MHz\_RU484\_Left\_Ant1\_NTNV



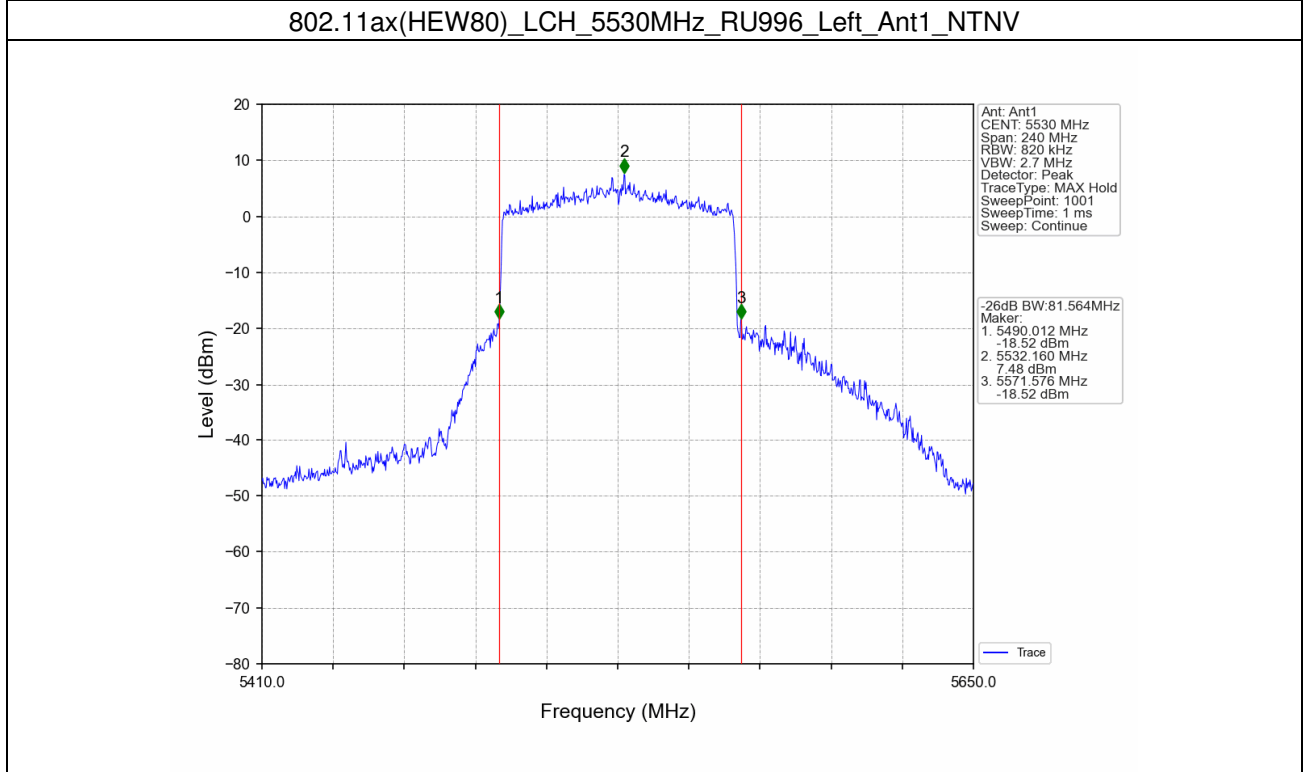
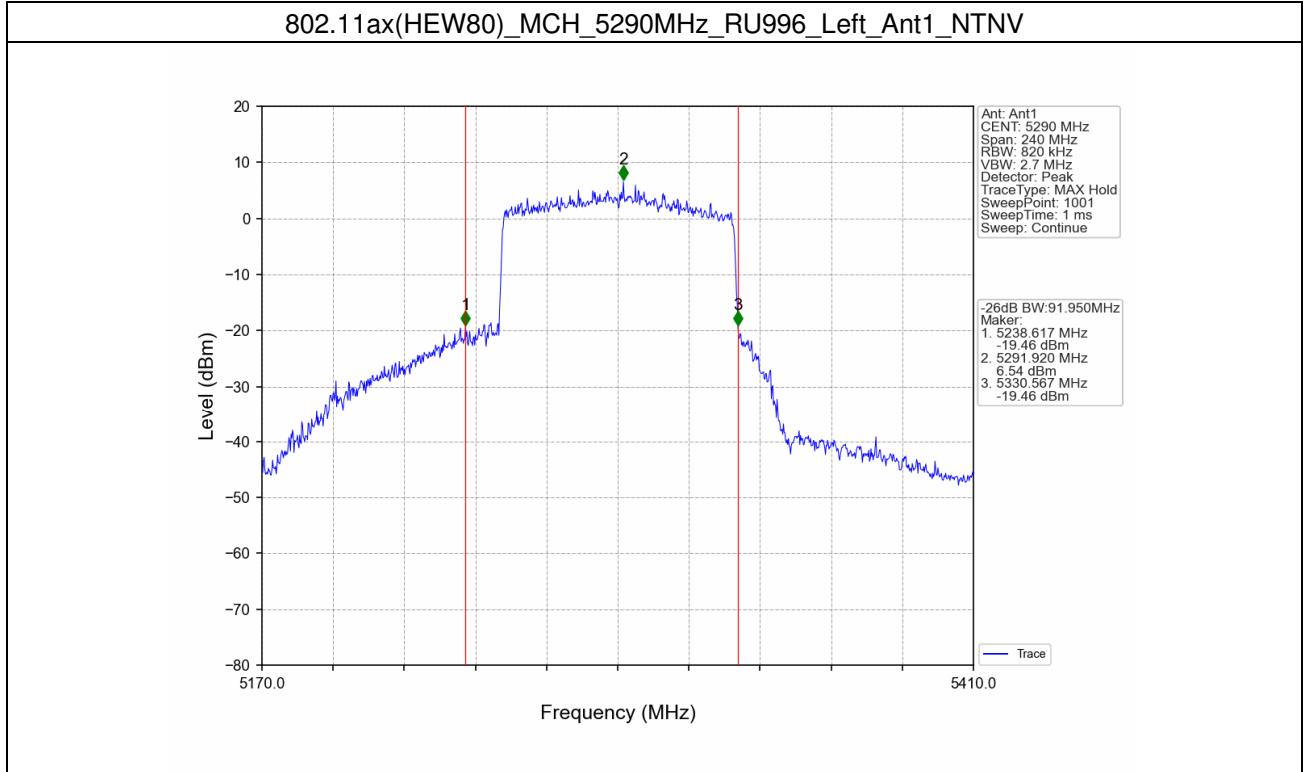
### 802.11ax(HEW40)\_MCH\_5550MHz\_RU484\_Left\_Ant1\_NTNV



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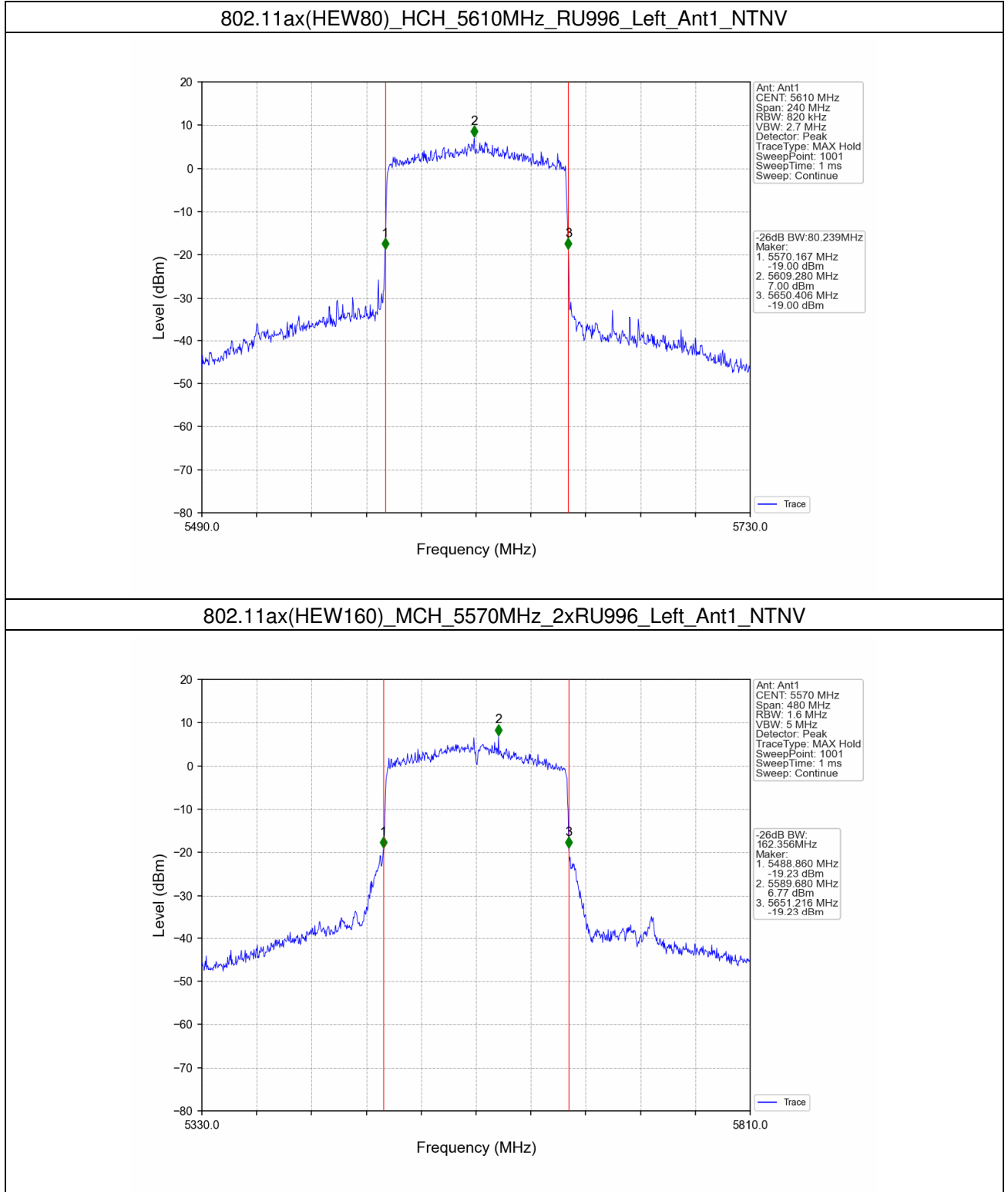


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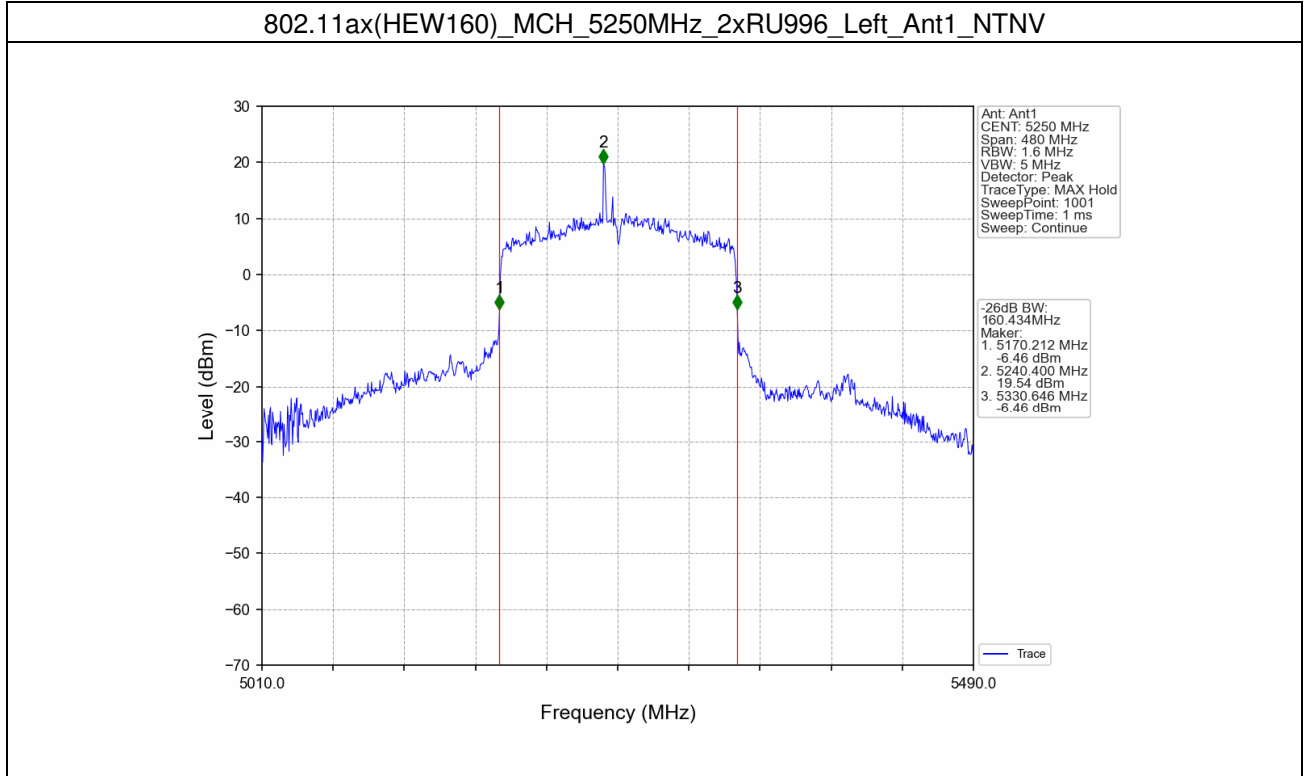
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### 3. Maximum Conducted Output Power

#### 3.1 Power

##### 3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum Average Conducted Output Power (dBm)					Verdict
					ANT1	ANT2	ANT3	MIMO	Limit	
802.11a	MIMO	5180	/	/	15.07	16.50	15.28	20.43	<=25.5	Pass
		5200	/	/	14.95	16.49	15.42	20.44	<=25.5	Pass
		5240	/	/	15.18	16.61	15.01	20.43	<=25.5	Pass
		5260	/	/	10.76	11.20	10.70	15.66	<=19.38	Pass
		5300	/	/	10.03	10.51	10.04	14.97	<=19.38	Pass
		5320	/	/	9.94	10.29	9.87	14.81	<=19.38	Pass
		5500	/	/	10.71	7.94	10.52	14.66	<=19.18	Pass
		5580	/	/	11.11	10.79	10.78	15.67	<=19.18	Pass
		5700	/	/	10.29	9.66	10.51	14.94	<=19.18	Pass
		5745	/	/	18.31	16.88	16.37	22.04	<=25.8	Pass
		5785	/	/	17.25	15.07	16.52	21.14	<=25.8	Pass
5825	/	/	18.22	15.78	17.55	22.07	<=25.8	Pass		
802.11n (HT20)	MIMO	5180	/	/	15.63	15.99	15.34	20.43	<=25.5	Pass
		5200	/	/	15.37	16.13	15.49	20.45	<=25.5	Pass
		5240	/	/	15.44	16.04	15.82	20.54	<=25.5	Pass
		5260	/	/	10.53	10.99	10.70	15.52	<=19.38	Pass
		5300	/	/	9.41	8.43	9.63	13.96	<=19.38	Pass
		5320	/	/	9.95	10.29	9.97	14.84	<=19.38	Pass
		5500	/	/	11.74	10.62	11.16	15.97	<=19.18	Pass
		5580	/	/	11.77	10.89	11.69	16.24	<=19.18	Pass
		5700	/	/	10.68	9.80	11.07	15.32	<=19.18	Pass
		5745	/	/	18.79	17.08	18.72	23.04	<=25.8	Pass
		5785	/	/	18.93	17.09	18.77	23.11	<=25.8	Pass
5825	/	/	18.63	14.66	18.39	22.34	<=25.8	Pass		
802.11n (HT40)	MIMO	5190	/	/	14.03	12.45	15.50	18.94	<=25.5	Pass
		5230	/	/	14.33	13.19	15.52	19.22	<=25.5	Pass
		5270	/	/	13.01	13.24	13.03	17.87	<=19.38	Pass
		5310	/	/	12.88	13.14	12.75	17.70	<=19.38	Pass
		5510	/	/	13.50	12.30	12.89	17.70	<=19.18	Pass
		5550	/	/	13.63	12.50	13.22	17.91	<=19.18	Pass



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		5670	/	/	12.63	11.96	12.98	17.31	<=19.18	Pass
		5755	/	/	18.21	16.63	18.09	22.47	<=25.8	Pass
		5795	/	/	18.40	16.56	18.08	22.52	<=25.8	Pass
802.11ac (VHT20)	MIMO	5180	/	/	15.70	16.15	15.48	20.56	<=25.5	Pass
		5200	/	/	15.74	16.20	15.71	20.66	<=25.5	Pass
		5240	/	/	16.06	16.55	16.09	21.01	<=25.5	Pass
		5260	/	/	10.76	11.05	10.65	15.59	<=19.38	Pass
		5300	/	/	10.18	10.57	10.09	15.06	<=19.38	Pass
		5320	/	/	9.94	10.31	9.88	14.82	<=19.38	Pass
		5500	/	/	11.76	10.75	11.17	16.02	<=19.18	Pass
		5580	/	/	11.81	10.95	11.65	16.26	<=19.18	Pass
		5700	/	/	10.75	10.03	11.26	15.48	<=19.18	Pass
		5745	/	/	18.87	17.42	18.76	23.17	<=25.8	Pass
		5785	/	/	19.02	17.42	18.84	23.25	<=25.8	Pass
		5825	/	/	18.81	17.09	18.66	23.02	<=25.8	Pass
802.11ac (VHT40)	MIMO	5190	/	/	11.95	11.02	13.25	16.94	<=25.5	Pass
		5230	/	/	12.18	11.16	13.30	17.07	<=25.5	Pass
		5270	/	/	13.18	13.46	13.14	18.03	<=19.38	Pass
		5310	/	/	12.84	13.09	12.62	17.63	<=19.38	Pass
		5510	/	/	13.61	12.38	12.82	17.74	<=19.18	Pass
		5550	/	/	13.69	12.67	13.22	17.98	<=19.18	Pass
		5670	/	/	11.78	10.37	12.17	16.28	<=19.18	Pass
		5755	/	/	18.50	17.15	18.44	22.84	<=25.8	Pass
5795	/	/	18.61	16.86	18.32	22.77	<=25.8	Pass		
802.11ac (VHT80)	MIMO	5210	/	/	6.40	5.54	7.65	11.39	<=25.5	Pass
		5290	/	/	6.23	5.29	6.77	10.91	<=19.38	Pass
		5530	/	/	7.26	6.89	4.92	11.24	<=19.18	Pass
		5610	/	/	6.69	7.28	5.42	11.30	<=19.18	Pass
		5775	/	/	15.04	14.19	12.98	18.92	<=25.8	Pass
802.11ac (VHT160)	MIMO	5570	/	/	4.71	4.99	3.20	9.14	<=19.18	Pass
		5250	/	/	3.91	3.12	4.70	8.73	<=25.4	Pass
802.11ax (HEW20)	MIMO	5180	RU242	Left	15.35	15.83	14.95	20.16	<=25.5	Pass
		5200	RU242	Left	16.51	17.01	16.12	21.33	<=25.5	Pass
		5240	RU242	Left	16.83	17.32	16.78	21.75	<=25.5	Pass
		5260	RU242	Left	10.60	10.92	10.43	15.43	<=19.38	Pass
		5300	RU242	Left	9.03	8.06	9.26	13.58	<=19.38	Pass
		5320	RU242	Left	10.19	10.58	10.22	15.10	<=19.38	Pass
		5500	RU242	Left	11.19	10.10	10.43	15.37	<=19.18	Pass
		5580	RU242	Left	11.30	10.47	11.14	15.76	<=19.18	Pass



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		5700	RU242	Left	12.22	11.51	12.65	16.92	<=19.18	Pass
		5745	RU242	Left	16.97	15.82	17.53	21.60	<=25.8	Pass
		5785	RU242	Left	18.35	17.11	18.58	22.83	<=25.8	Pass
		5825	RU242	Left	18.34	16.62	18.21	22.56	<=25.8	Pass
802.11ax (HEW40)	MIMO	5190	RU484	Left	11.92	11.04	13.09	16.87	<=25.5	Pass
		5230	RU484	Left	12.11	11.21	13.14	17.00	<=25.5	Pass
		5270	RU484	Left	12.97	13.28	12.93	17.83	<=19.38	Pass
		5310	RU484	Left	12.72	12.97	12.58	17.53	<=19.38	Pass
		5510	RU484	Left	13.46	12.23	12.71	17.60	<=19.18	Pass
		5550	RU484	Left	13.65	12.56	13.12	17.90	<=19.18	Pass
		5670	RU484	Left	12.72	12.11	13.05	17.42	<=19.18	Pass
		5755	RU484	Left	18.46	17.11	18.41	22.81	<=25.8	Pass
802.11ax (HEW80)	MIMO	5210	RU996	Left	6.43	5.61	7.61	11.40	<=25.5	Pass
		5290	RU996	Left	6.38	5.50	7.01	11.11	<=19.38	Pass
		5530	RU996	Left	8.00	7.72	6.26	12.16	<=19.18	Pass
		5610	RU996	Left	7.48	8.02	6.48	12.14	<=19.18	Pass
		5775	RU996	Left	15.73	15.01	13.74	19.67	<=25.8	Pass
802.11ax (HEW160)	MIMO	5570	2xRU996	Left	5.20	5.45	3.99	9.70	<=19.18	Pass
		5250	2xRU996	Left	4.35	3.66	5.46	9.33	<=25.4	Pass

Note : Antenna Gain:

Band	Ant1 gain (dBi)	Ant2 gain (dBi)	Ant3 gain (dBi)	Directional gain (dBi)
U-NII Band 1	6.19	5.85	5.10	10.5
U-NII Band 2A	6.03	5.57	5.92	10.6
U-NII Band 2C	6.06	5.32	6.62	10.8
U-NII Band 3	5.19	5.65	5.44	10.2



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## 3.2 TPC Power

### 3.2.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum Average Conducted Output Power (dBm)					Verdict
					ANT1	ANT2	ANT3	MIMO	Limit	
802.11a	MIMO	5260	/	/	5.45	6.10	4.96	10.30	<=19.38	Pass
		5300	/	/	4.60	5.36	4.43	9.59	<=19.38	Pass
		5320	/	/	4.97	5.19	4.50	9.67	<=19.38	Pass
		5500	/	/	5.51	4.42	4.78	9.70	<=19.18	Pass
		5580	/	/	5.51	4.79	5.69	10.12	<=19.18	Pass
		5700	/	/	10.66	10.26	11.29	15.53	<=19.18	Pass
802.11n (HT20)	MIMO	5260	/	/	5.50	6.13	5.33	10.44	<=19.38	Pass
		5300	/	/	4.73	5.43	4.51	9.68	<=19.38	Pass
		5320	/	/	5.12	5.12	4.51	9.70	<=19.38	Pass
		5500	/	/	5.54	4.41	4.76	9.70	<=19.18	Pass
		5580	/	/	5.61	5.13	5.72	10.27	<=19.18	Pass
		5700	/	/	4.42	3.87	5.20	9.30	<=19.18	Pass
802.11n (HT40)	MIMO	5270	/	/	5.01	5.57	4.70	9.88	<=19.38	Pass
		5310	/	/	4.80	5.19	4.32	9.56	<=19.38	Pass
		5510	/	/	5.25	4.07	4.55	9.42	<=19.18	Pass
		5550	/	/	5.45	4.52	5.07	9.80	<=19.18	Pass
		5670	/	/	4.35	4.06	5.17	9.32	<=19.18	Pass
802.11ac (VHT20)	MIMO	5260	/	/	5.59	5.98	5.29	10.40	<=19.38	Pass
		5300	/	/	4.70	5.45	4.57	9.70	<=19.38	Pass
		5320	/	/	5.12	5.43	4.58	9.83	<=19.38	Pass
		5500	/	/	5.25	4.32	4.88	9.60	<=19.18	Pass
		5580	/	/	5.32	4.75	5.59	10.01	<=19.18	Pass
		5700	/	/	4.23	3.73	4.88	9.08	<=19.18	Pass
802.11ac (VHT40)	MIMO	5270	/	/	5.06	5.57	4.68	9.89	<=19.38	Pass
		5310	/	/	3.99	4.66	3.30	8.79	<=19.38	Pass
		5510	/	/	5.05	4.08	4.46	9.32	<=19.18	Pass
		5550	/	/	5.14	4.50	4.90	9.63	<=19.18	Pass
		5670	/	/	4.16	3.78	4.77	9.03	<=19.18	Pass
802.11ac (VHT80)	MIMO	5290	/	/	4.15	4.87	4.04	9.14	<=19.38	Pass
		5530	/	/	5.09	4.22	4.68	9.45	<=19.18	Pass
		5610	/	/	4.44	4.05	4.90	9.25	<=19.18	Pass
802.11ac (VHT160)	MIMO	5570	/	/	5.02	4.19	4.75	9.44	<=19.18	Pass
		5250	/	/	4.47	5.00	3.54	9.15	<=25.4	Pass



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802.11ax (HEW20)	MIMO	5260	RU242	Left	4.48	5.02	4.05	9.31	<=19.38	Pass
		5300	RU242	Left	3.62	4.16	3.37	8.50	<=19.38	Pass
		5320	RU242	Left	3.92	4.15	3.36	8.59	<=19.38	Pass
		5500	RU242	Left	4.94	3.89	4.46	9.22	<=19.18	Pass
		5580	RU242	Left	4.99	4.55	5.08	9.65	<=19.18	Pass
		5700	RU242	Left	3.89	3.40	4.44	8.70	<=19.18	Pass
802.11ax (HEW40)	MIMO	5270	RU484	Left	4.52	5.01	4.11	9.33	<=19.38	Pass
		5310	RU484	Left	4.20	4.74	3.73	9.01	<=19.38	Pass
		5510	RU484	Left	5.53	4.51	4.90	9.77	<=19.18	Pass
		5550	RU484	Left	5.75	4.96	5.37	10.14	<=19.18	Pass
		5670	RU484	Left	4.72	4.31	5.36	9.59	<=19.18	Pass
802.11ax (HEW80)	MIMO	5290	RU996	Left	4.52	5.09	4.31	9.42	<=19.38	Pass
		5530	RU996	Left	5.31	4.34	4.82	9.61	<=19.18	Pass
		5610	RU996	Left	4.76	4.32	5.17	9.54	<=19.18	Pass
802.11ax (HEW160)	MIMO	5570	2xRU996	Left	5.23	4.44	4.97	9.66	<=19.18	Pass
		5250	2xRU996	Left	4.73	5.22	4.27	9.53	<=25.4	Pass

Note : Antenna Gain:

Band	Ant1 gain (dBi)	Ant2 gain (dBi)	Ant3 gain (dBi)	Directional gain (dBi)
U-NII Band 1	6.19	5.85	5.10	10.5
U-NII Band 2A	6.03	5.57	5.92	10.6
U-NII Band 2C	6.06	5.32	6.62	10.8
U-NII Band 3	5.19	5.65	5.44	10.2



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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	ANT3	MIMO	Limit	
802.11a	MIMO	5180	/	/	4.37	5.64	4.70	9.62	<=12.5	Pass
		5200	/	/	4.19	5.65	4.67	9.50	<=12.5	Pass
		5240	/	/	2.98	5.80	3.16	8.74	<=12.5	Pass
		5260	/	/	0.16	0.63	-0.07	4.89	<=6.4	Pass
		5300	/	/	-0.85	-0.45	-0.98	3.98	<=6.4	Pass
		5320	/	/	-0.58	-0.37	-0.98	3.97	<=6.4	Pass
		5500	/	/	0.00	-2.83	-0.11	3.84	<=6.2	Pass
		5580	/	/	0.54	0.02	0.13	4.94	<=6.2	Pass
802.11n (HT20)	MIMO	5180	/	/	4.68	4.94	4.45	9.43	<=12.5	Pass
		5200	/	/	4.40	5.17	4.66	9.31	<=12.5	Pass
		5240	/	/	4.20	4.83	4.55	9.21	<=12.5	Pass
		5260	/	/	-0.37	0.13	-0.27	4.48	<=6.4	Pass
		5300	/	/	-1.48	-2.45	-1.25	2.99	<=6.4	Pass
		5320	/	/	-0.97	-0.70	-1.07	3.78	<=6.4	Pass
		5500	/	/	0.88	-0.40	0.24	4.87	<=6.2	Pass
		5580	/	/	0.85	-0.05	0.62	5.14	<=6.2	Pass
802.11n (HT40)	MIMO	5190	/	/	0.85	-0.26	2.21	5.73	<=12.5	Pass
		5230	/	/	0.87	-0.12	2.04	5.77	<=12.5	Pass
		5270	/	/	-0.17	-0.04	-0.44	4.44	<=6.4	Pass
		5310	/	/	-0.70	-0.30	-0.72	4.13	<=6.4	Pass
		5510	/	/	0.15	-1.18	-0.39	4.18	<=6.2	Pass
		5550	/	/	0.26	-0.75	-0.22	4.42	<=6.2	Pass
802.11ac (VHT20)	MIMO	5180	/	/	4.76	5.23	4.65	9.50	<=12.5	Pass
		5200	/	/	4.75	5.27	4.64	9.51	<=12.5	Pass
		5240	/	/	4.79	5.50	4.94	9.65	<=12.5	Pass
		5260	/	/	-0.16	0.00	-0.29	4.51	<=6.4	Pass
		5300	/	/	-0.85	-0.38	-0.94	3.87	<=6.4	Pass



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		5320	/	/	-1.10	-0.48	-1.15	3.74	<=6.4	Pass
		5500	/	/	0.92	-0.28	0.11	4.96	<=6.2	Pass
		5580	/	/	0.84	0.18	0.70	5.20	<=6.2	Pass
		5700	/	/	-0.32	-0.91	0.24	4.42	<=6.2	Pass
802.11ac (VHT40)	MIMO	5190	/	/	-1.46	-2.33	-0.18	3.42	<=12.5	Pass
		5230	/	/	-1.17	-2.29	0.07	3.55	<=12.5	Pass
		5270	/	/	-0.14	0.04	-0.44	4.45	<=6.4	Pass
		5310	/	/	-0.70	-0.23	-0.81	4.05	<=6.4	Pass
		5510	/	/	0.19	-0.87	-0.54	4.28	<=6.2	Pass
		5550	/	/	0.28	-0.62	-0.25	4.37	<=6.2	Pass
		5670	/	/	-1.58	-3.01	-0.95	2.96	<=6.2	Pass
802.11ac (VHT80)	MIMO	5210	/	/	-9.90	-10.66	-8.67	-5.06	<=12.5	Pass
		5290	/	/	-10.25	-10.87	-9.46	-5.46	<=6.4	Pass
		5530	/	/	-8.76	-9.53	-11.23	-4.98	<=6.2	Pass
		5610	/	/	-9.47	-9.02	-10.85	-5.05	<=6.2	Pass
802.11ac (VHT160)	MIMO	5570	/	/	-14.00	-13.55	-15.13	-9.52	<=6.2	Pass
		5250	/	/	-14.80	-15.61	-14.15	-10.14	<=12.4	Pass
802.11ax (HEW20)	MIMO	5180	RU242	Left	4.32	4.57	3.70	8.79	<=12.5	Pass
		5200	RU242	Left	5.17	5.92	4.78	9.91	<=12.5	Pass
		5240	RU242	Left	5.49	5.95	5.46	10.26	<=12.5	Pass
		5260	RU242	Left	-0.71	-0.35	-0.63	4.12	<=6.4	Pass
		5300	RU242	Left	-2.08	-3.11	-2.05	2.25	<=6.4	Pass
		5320	RU242	Left	-1.00	-0.55	-1.06	3.70	<=6.4	Pass
		5500	RU242	Left	0.24	-1.14	-0.71	4.16	<=6.2	Pass
		5580	RU242	Left	0.21	-0.80	-0.09	4.37	<=6.2	Pass
		5700	RU242	Left	1.22	0.39	1.49	5.57	<=6.2	Pass
802.11ax (HEW40)	MIMO	5190	RU484	Left	-1.44	-2.30	-0.47	3.25	<=12.5	Pass
		5230	RU484	Left	-1.27	-2.01	-0.19	3.48	<=12.5	Pass
		5270	RU484	Left	-0.50	-0.25	-0.56	4.14	<=6.4	Pass
		5310	RU484	Left	-0.79	-0.39	-0.96	3.89	<=6.4	Pass
		5510	RU484	Left	0.04	-1.11	-0.72	3.97	<=6.2	Pass
		5550	RU484	Left	0.27	-0.98	-0.43	4.26	<=6.2	Pass
		5670	RU484	Left	-0.71	-1.54	-0.36	3.83	<=6.2	Pass
802.11ax (HEW80)	MIMO	5210	RU996	Left	-9.97	-10.61	-8.62	-4.96	<=12.5	Pass
		5290	RU996	Left	-9.91	-10.66	-9.38	-5.34	<=6.4	Pass
		5530	RU996	Left	-8.45	-8.50	-10.29	-4.35	<=6.2	Pass
		5610	RU996	Left	-9.01	-8.31	-10.01	-4.44	<=6.2	Pass
802.11ax (HEW160)	MIMO	5570	2xRU996	Left	-13.40	-13.56	-14.62	-9.25	<=6.2	Pass
		5250	2xRU996	Left	-14.25	-15.14	-13.21	-9.60	<=12.4	Pass



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Note : Antenna Gain:

Band	Ant1 gain (dBi)	Ant2 gain (dBi)	Ant3 gain (dBi)	Directional gain (dBi)
U-NII Band 1	6.19	5.85	5.10	10.5
U-NII Band 2A	6.03	5.57	5.92	10.6
U-NII Band 2C	6.06	5.32	6.62	10.8
U-NII Band 3	5.19	5.65	5.44	10.2

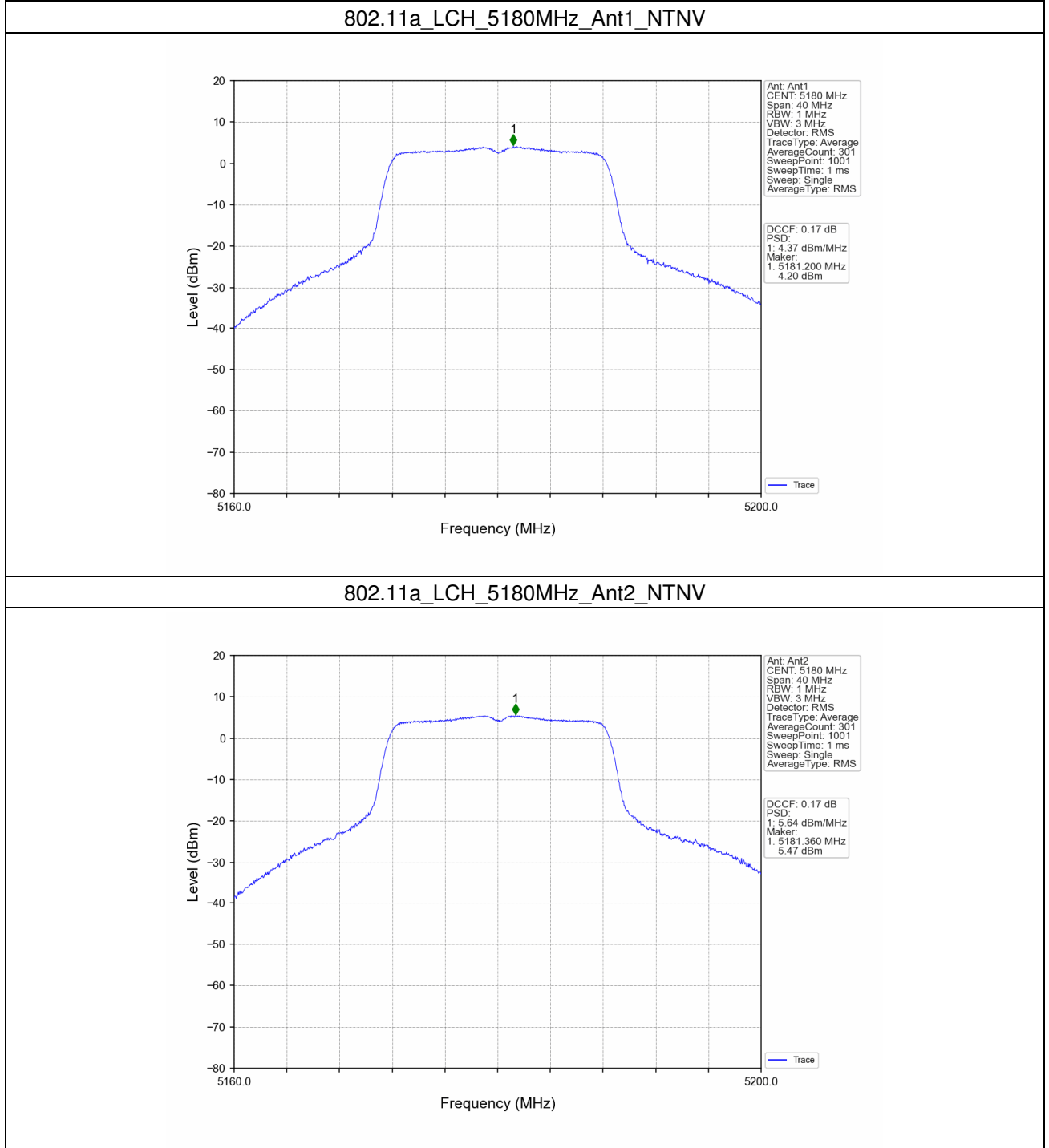


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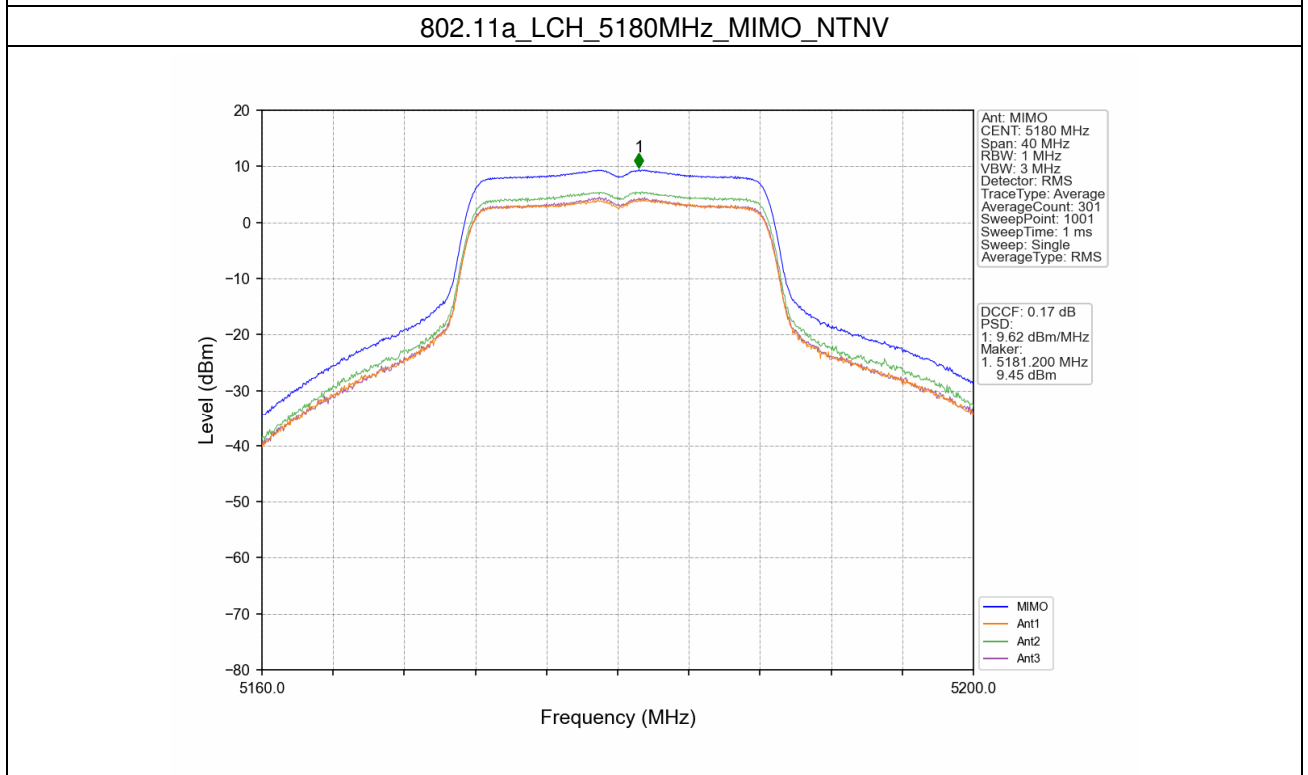
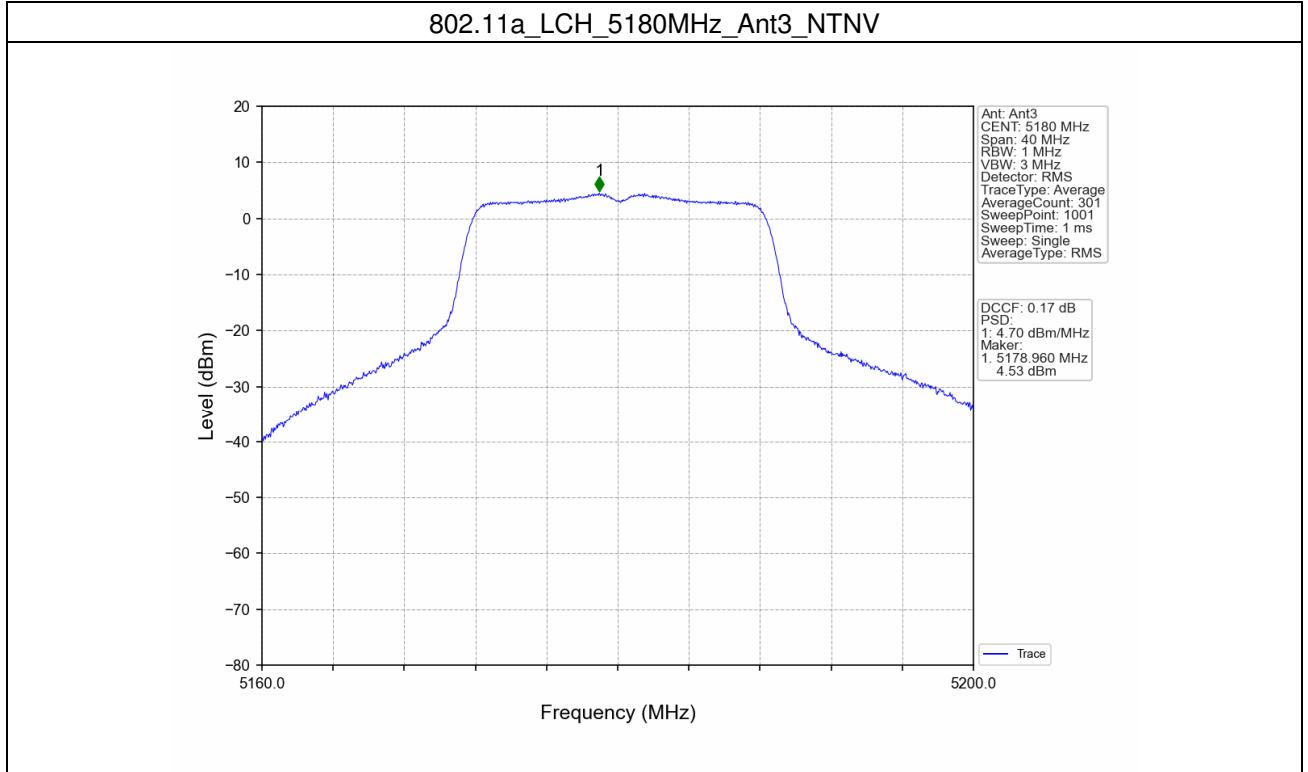
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### 4.1.2 Test Graph

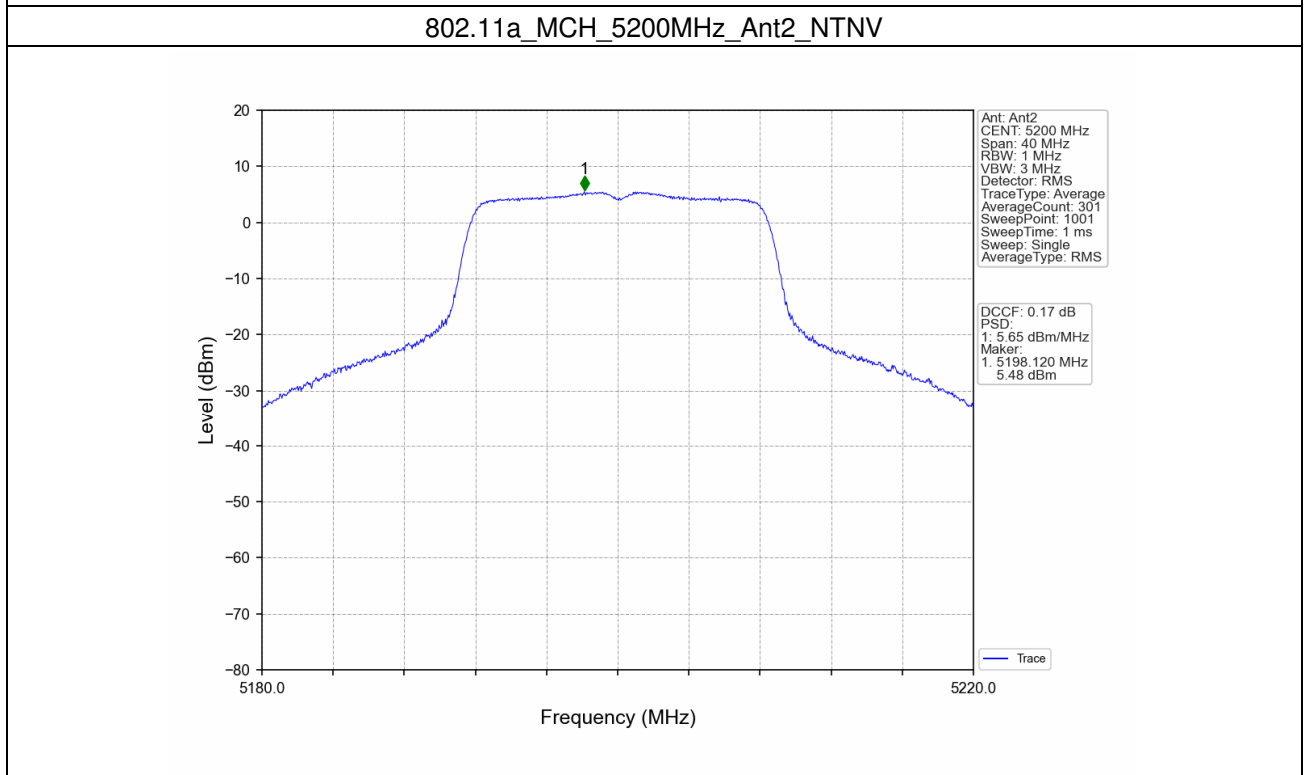
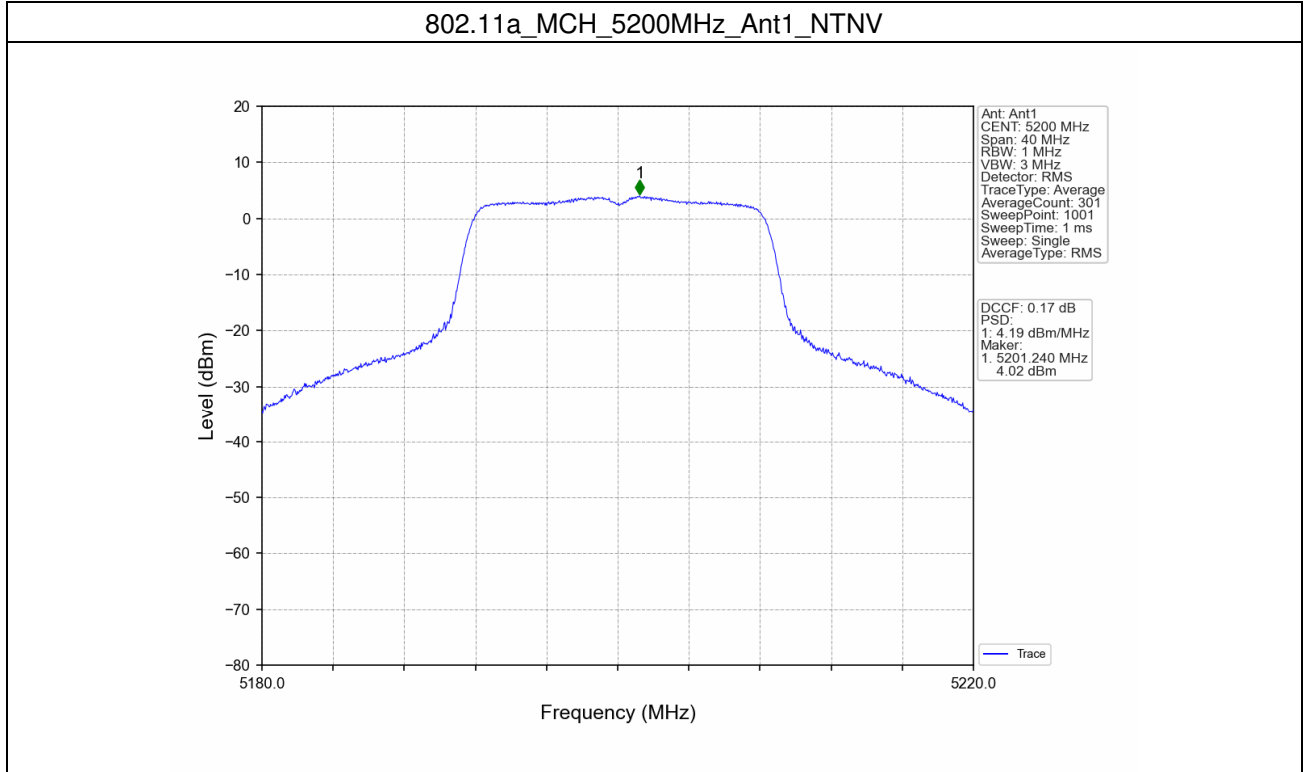


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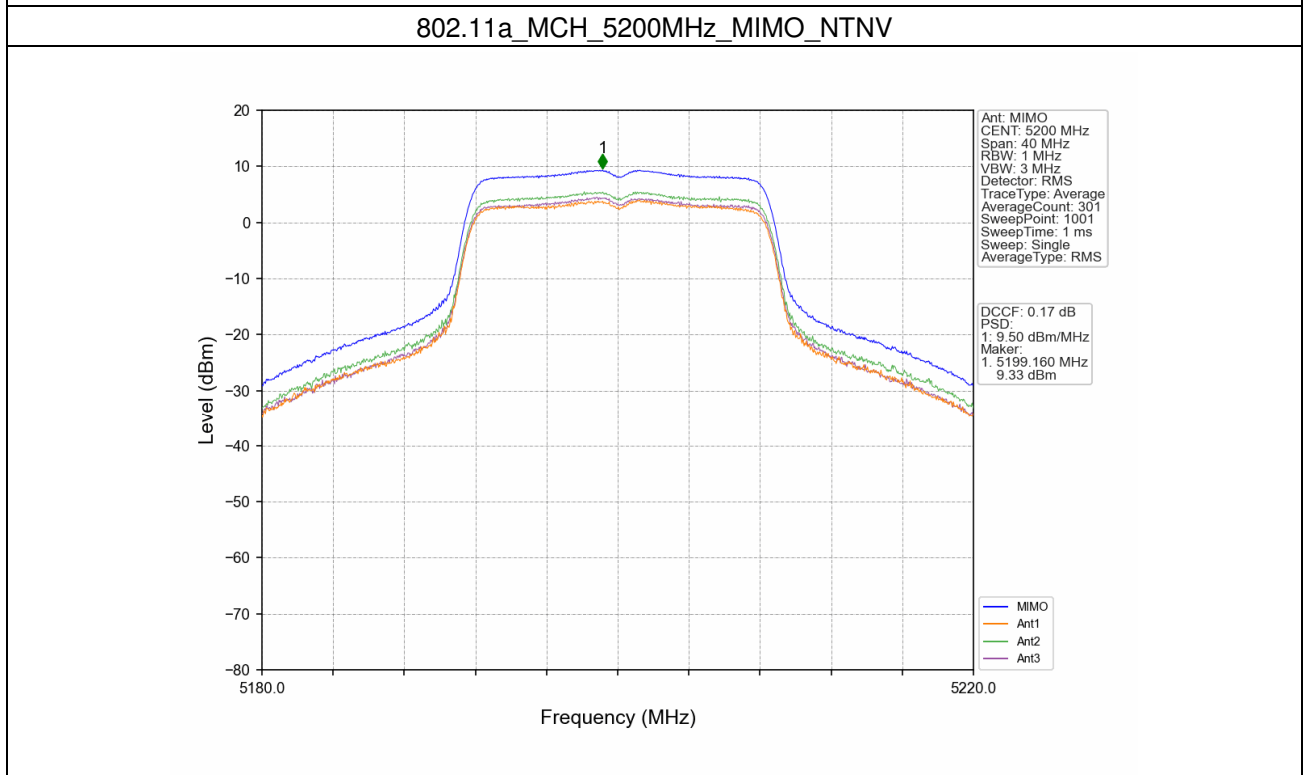
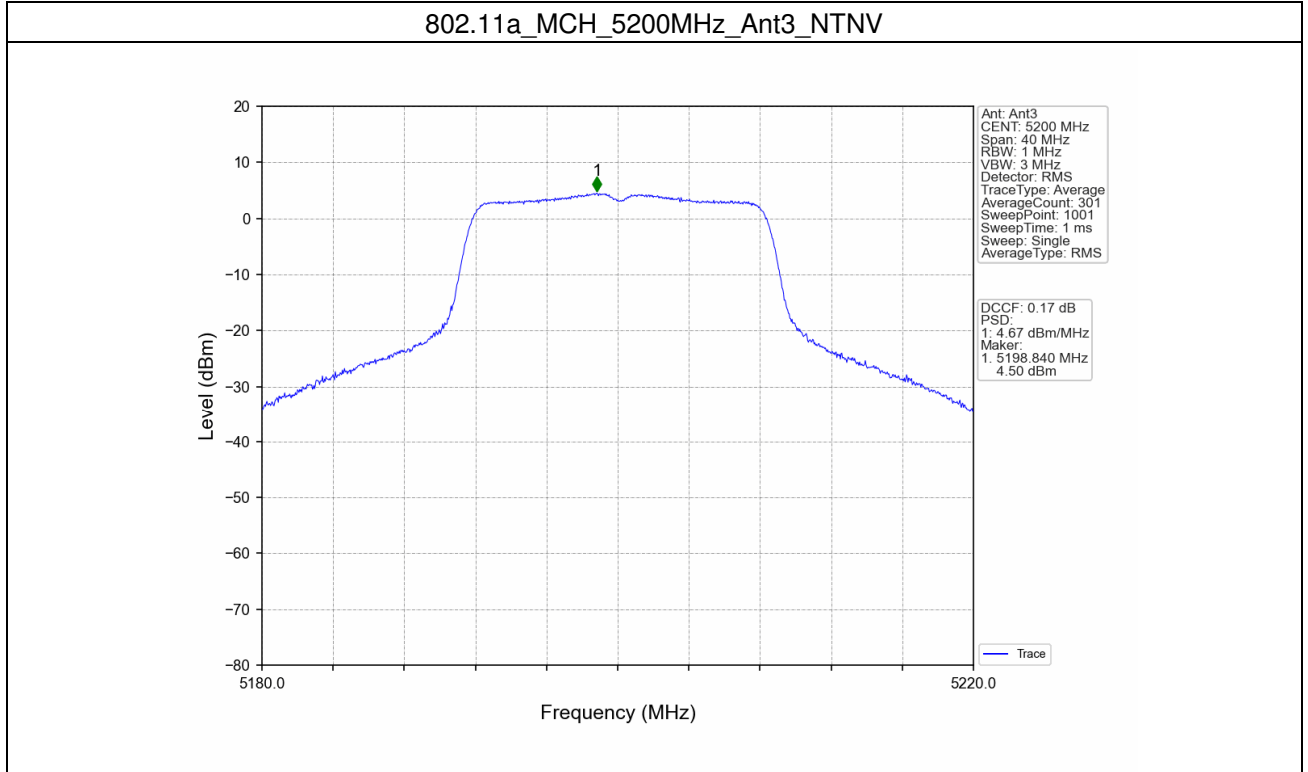
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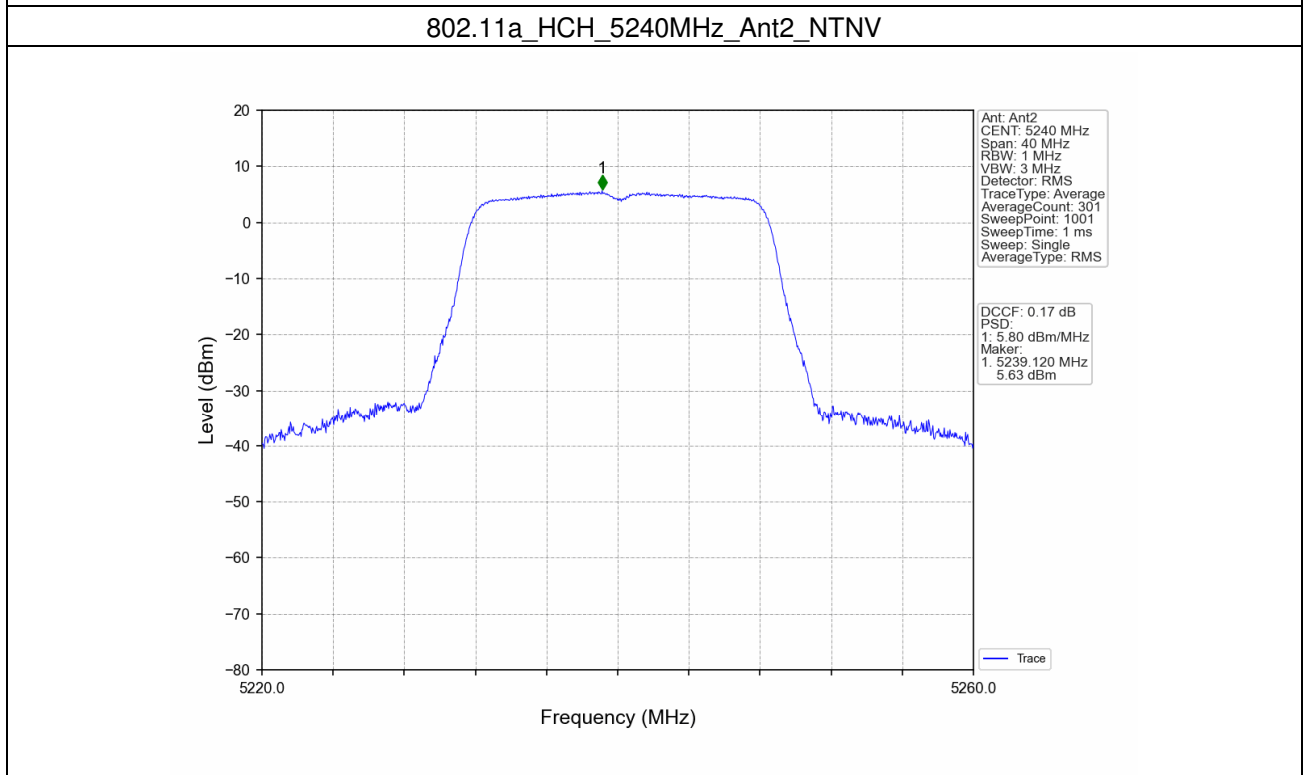
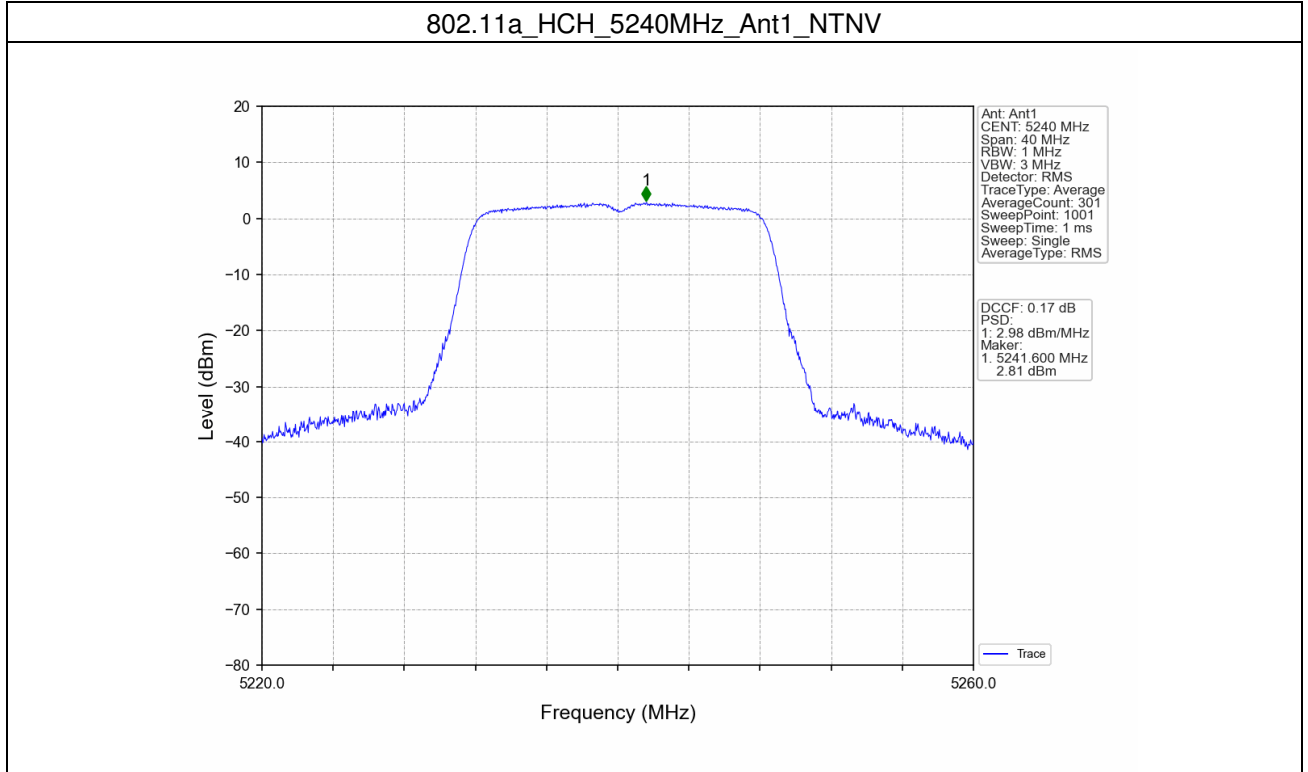
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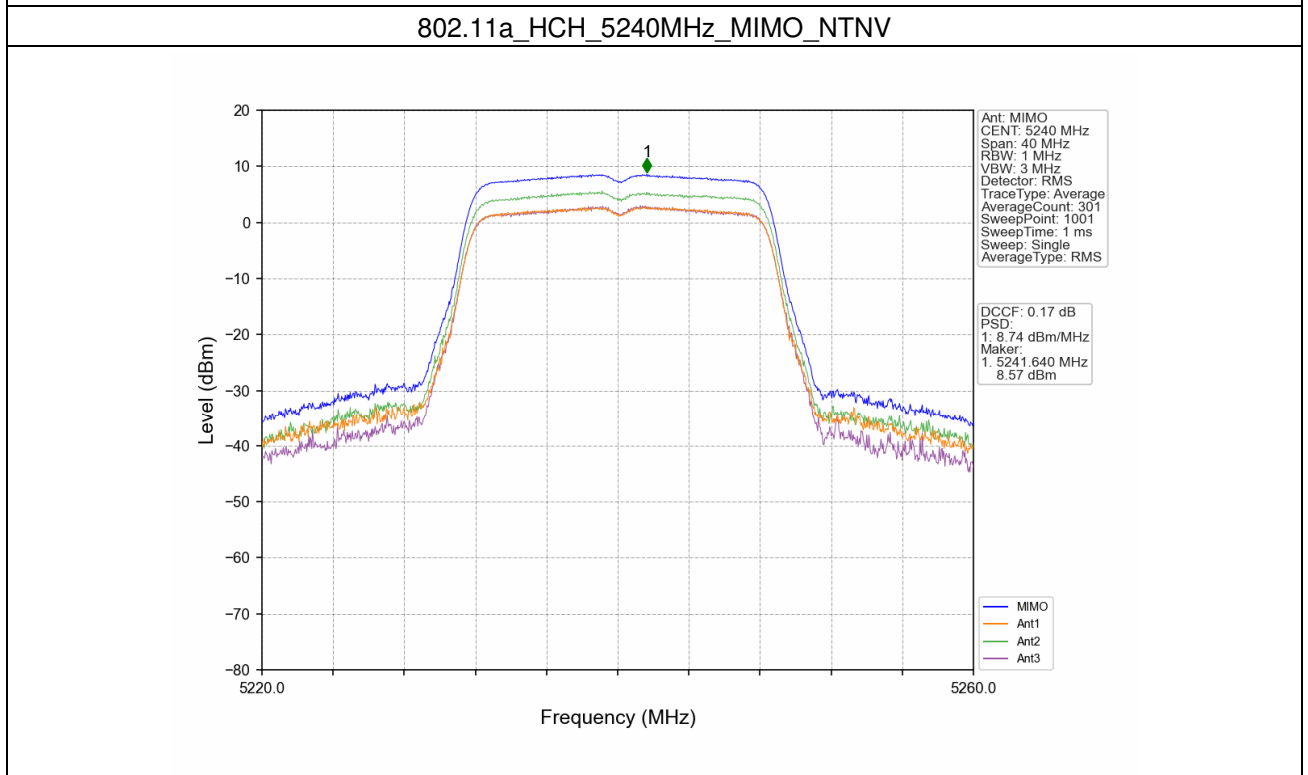
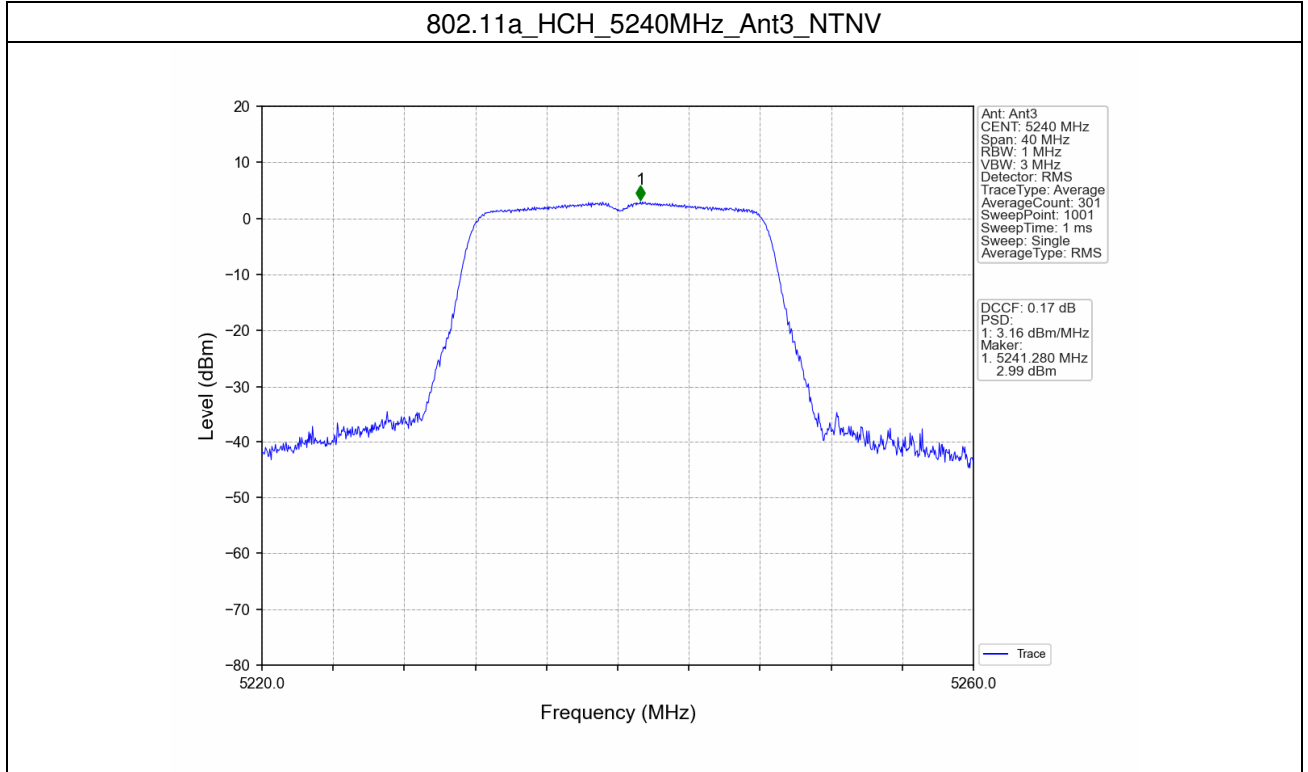


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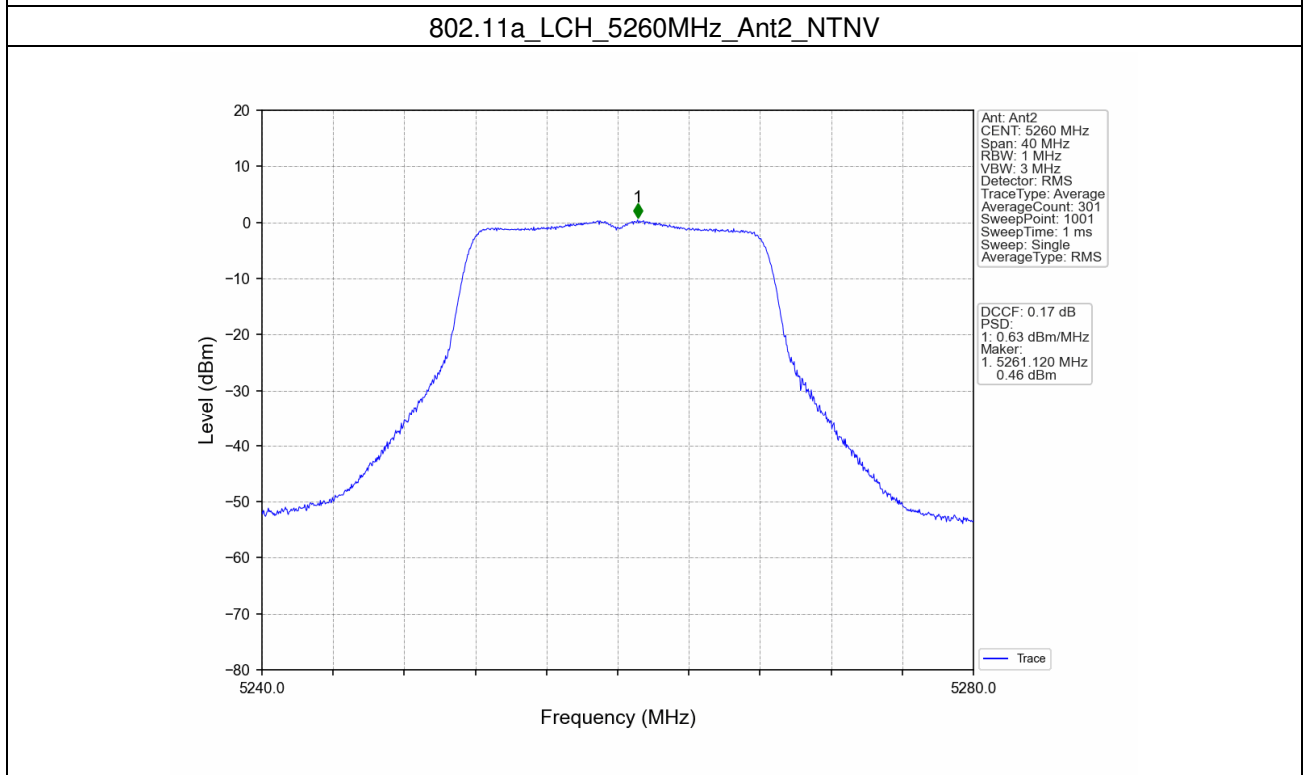
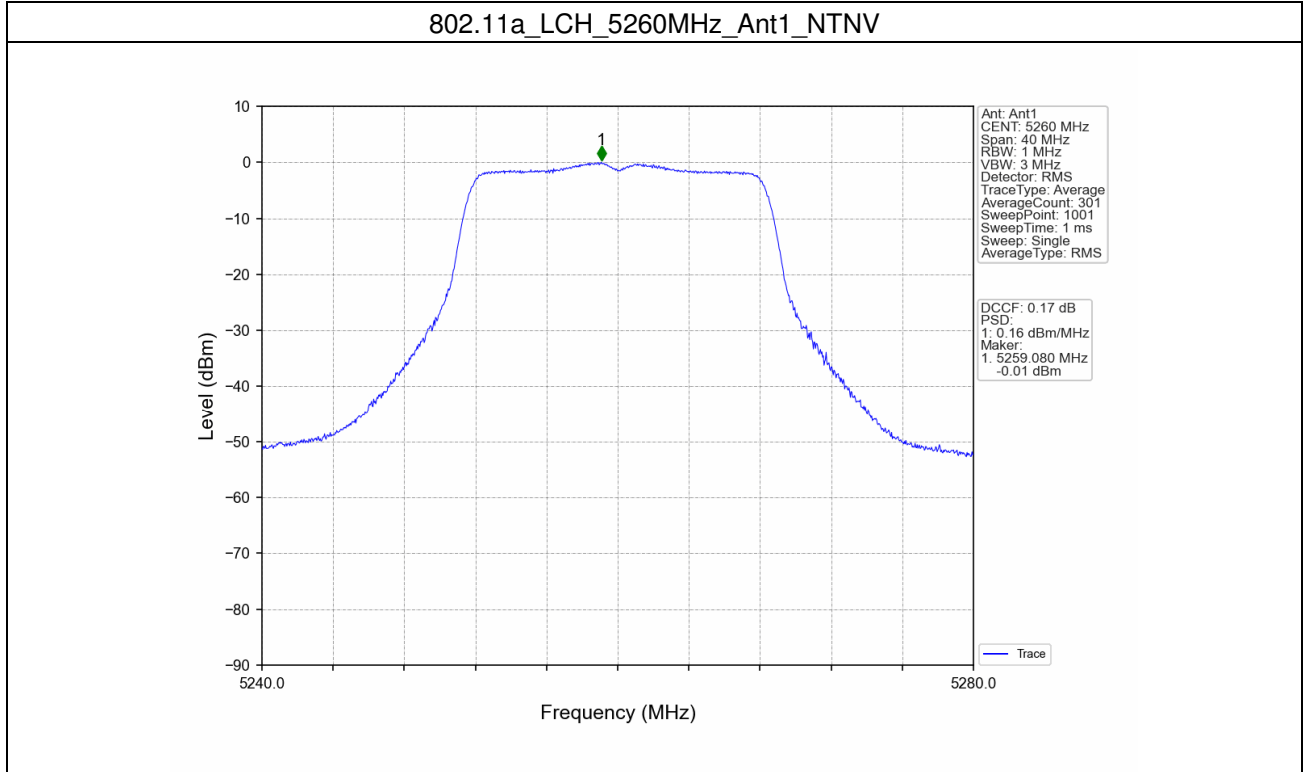
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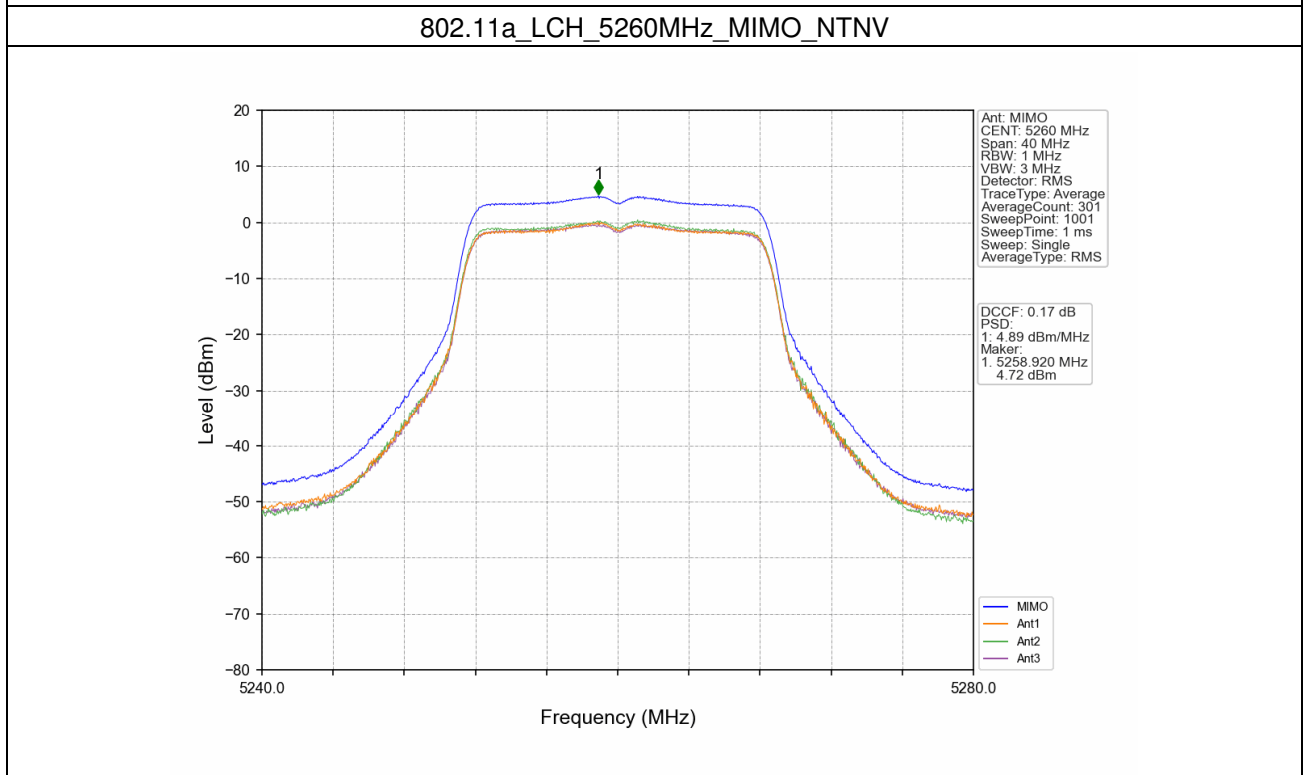
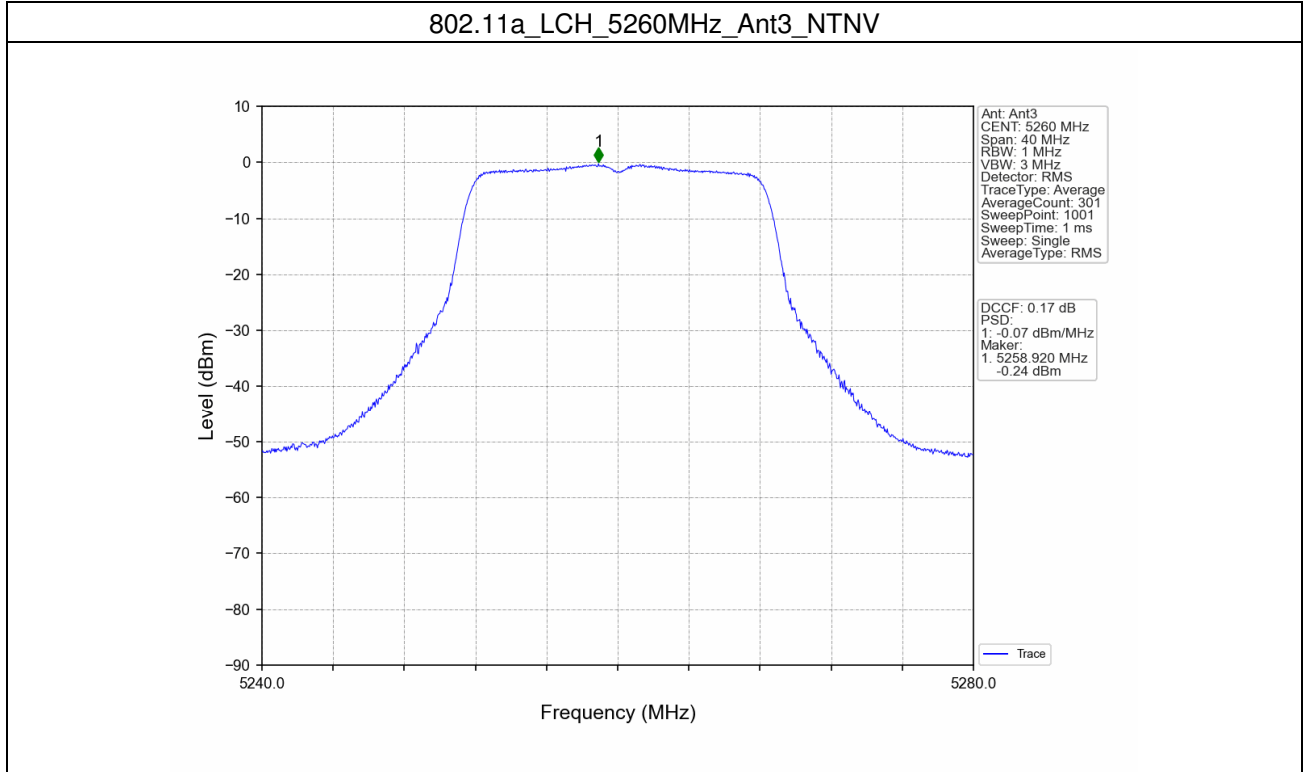
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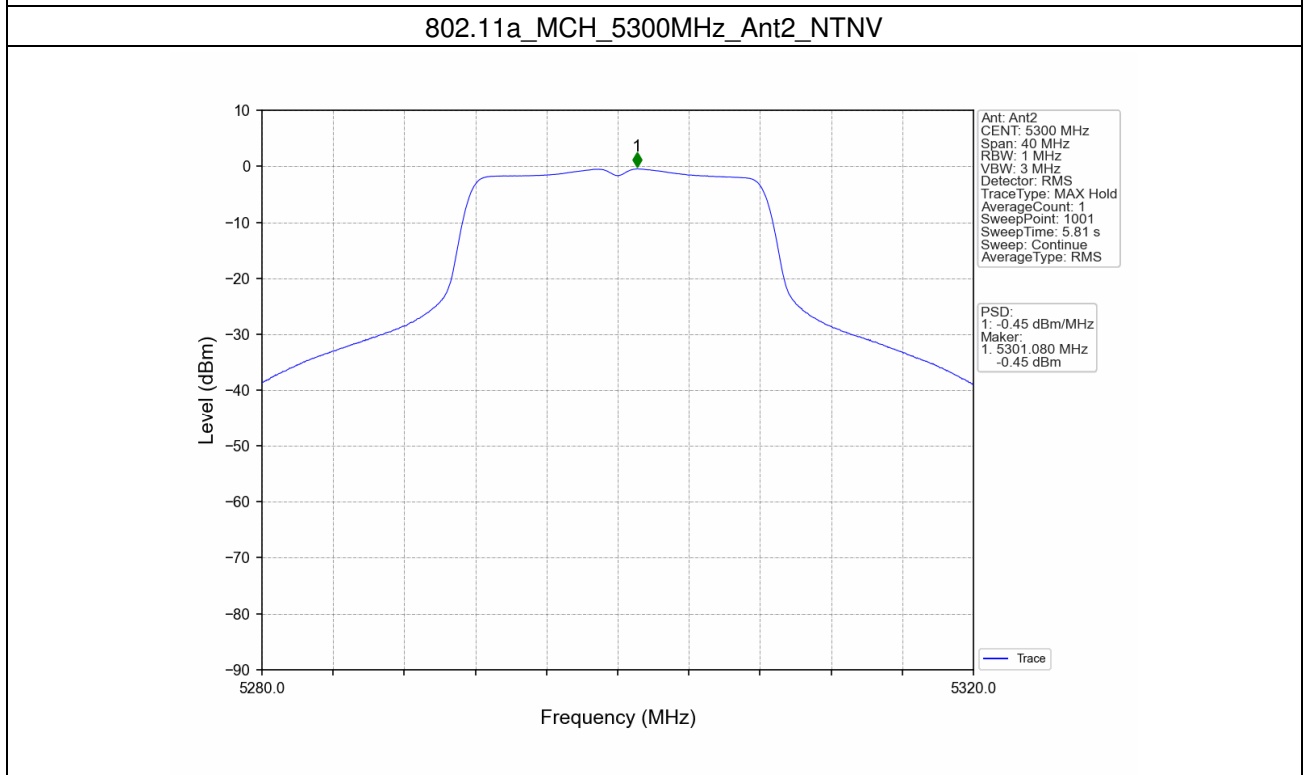
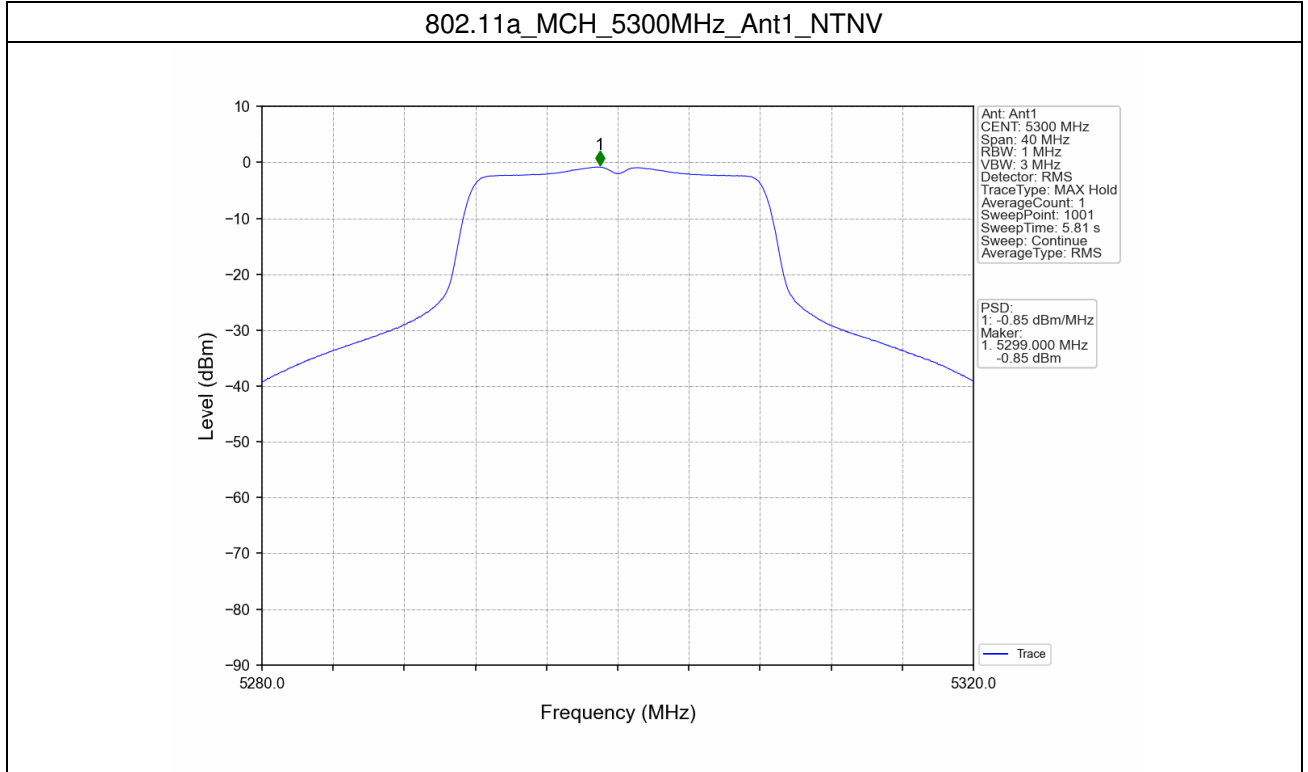


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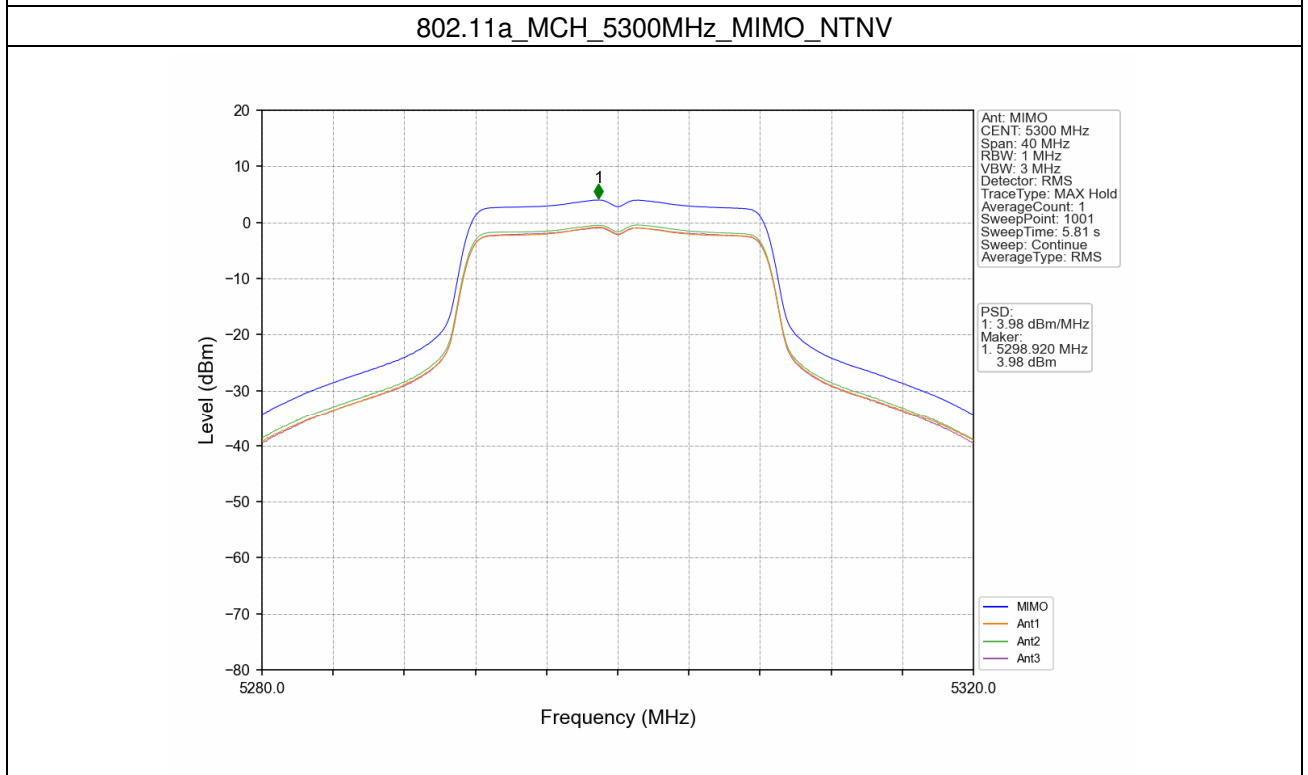
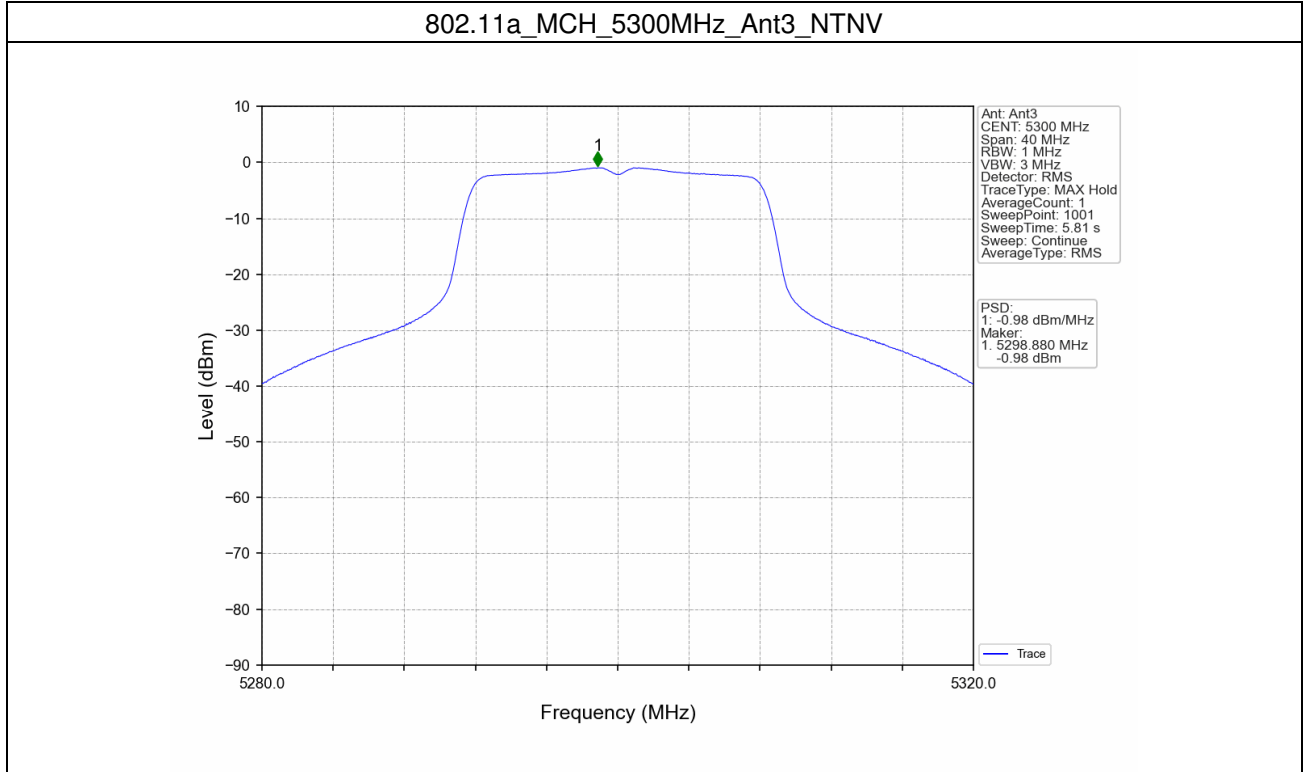


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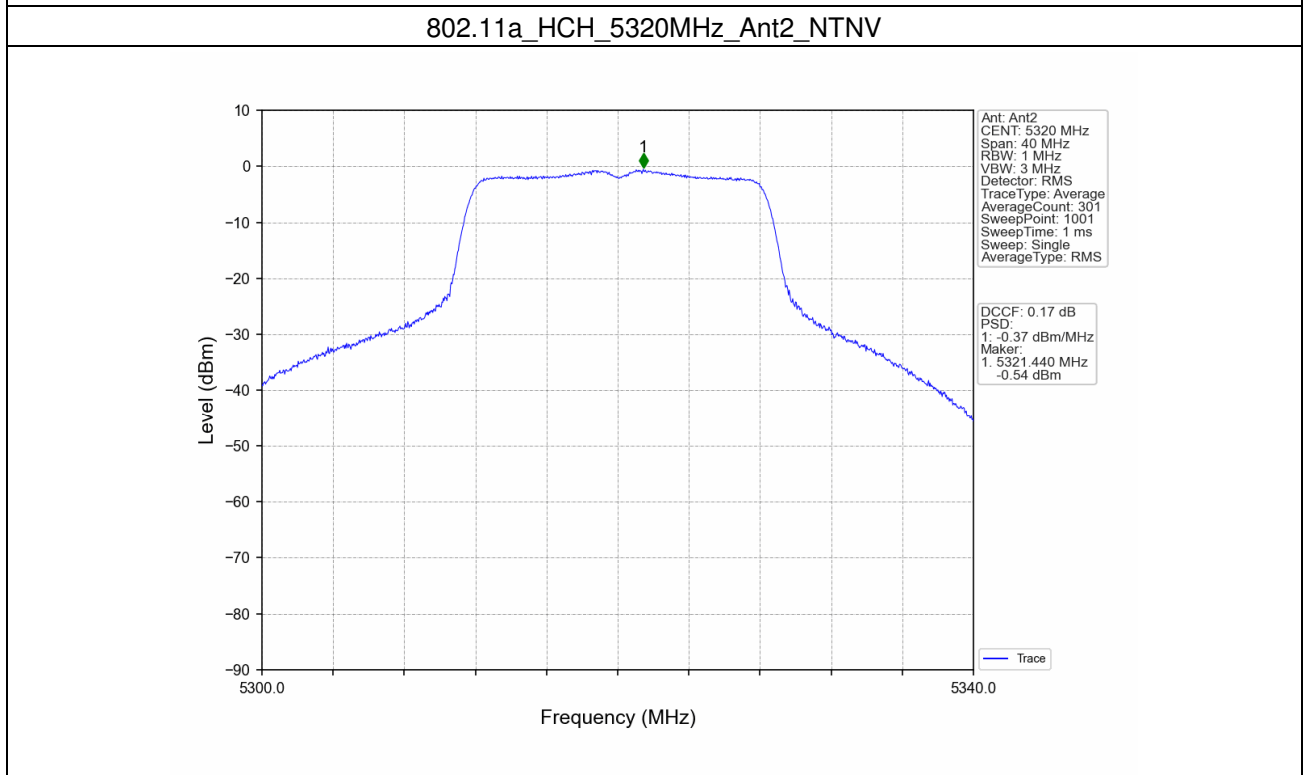
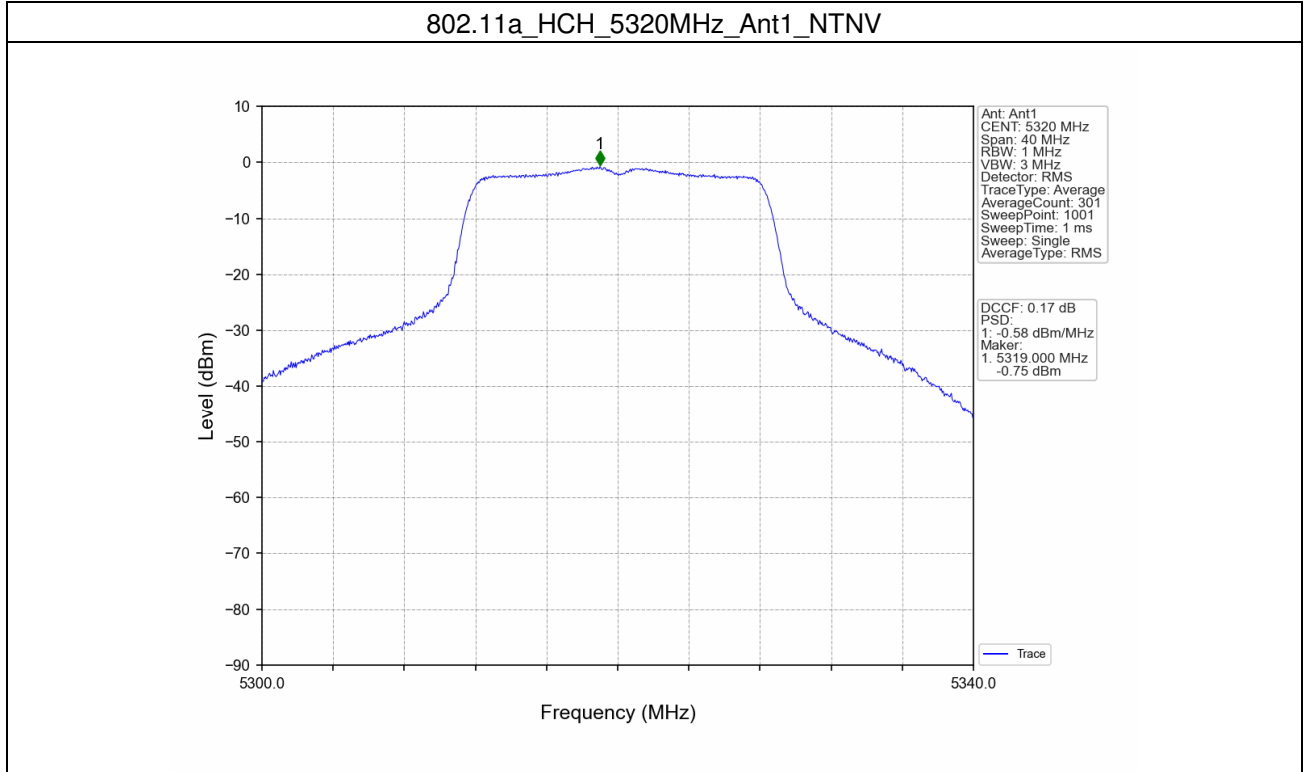
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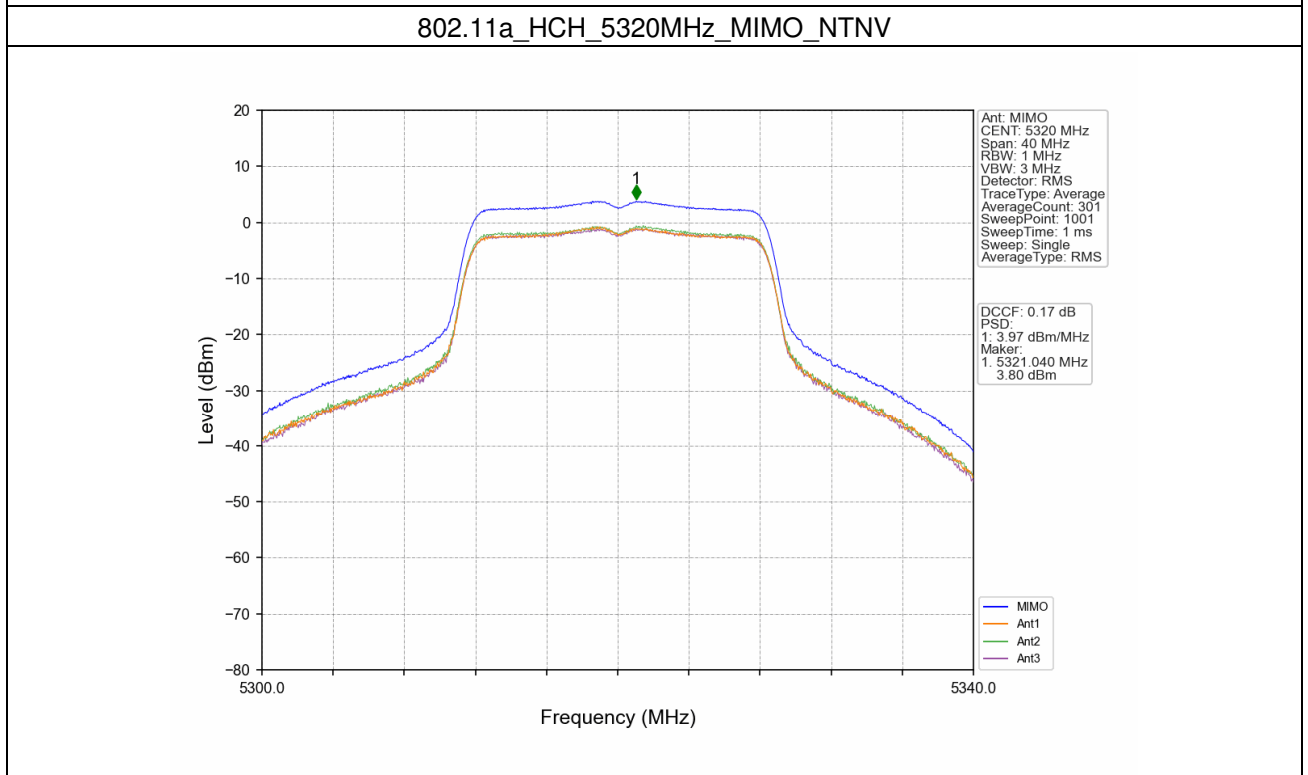
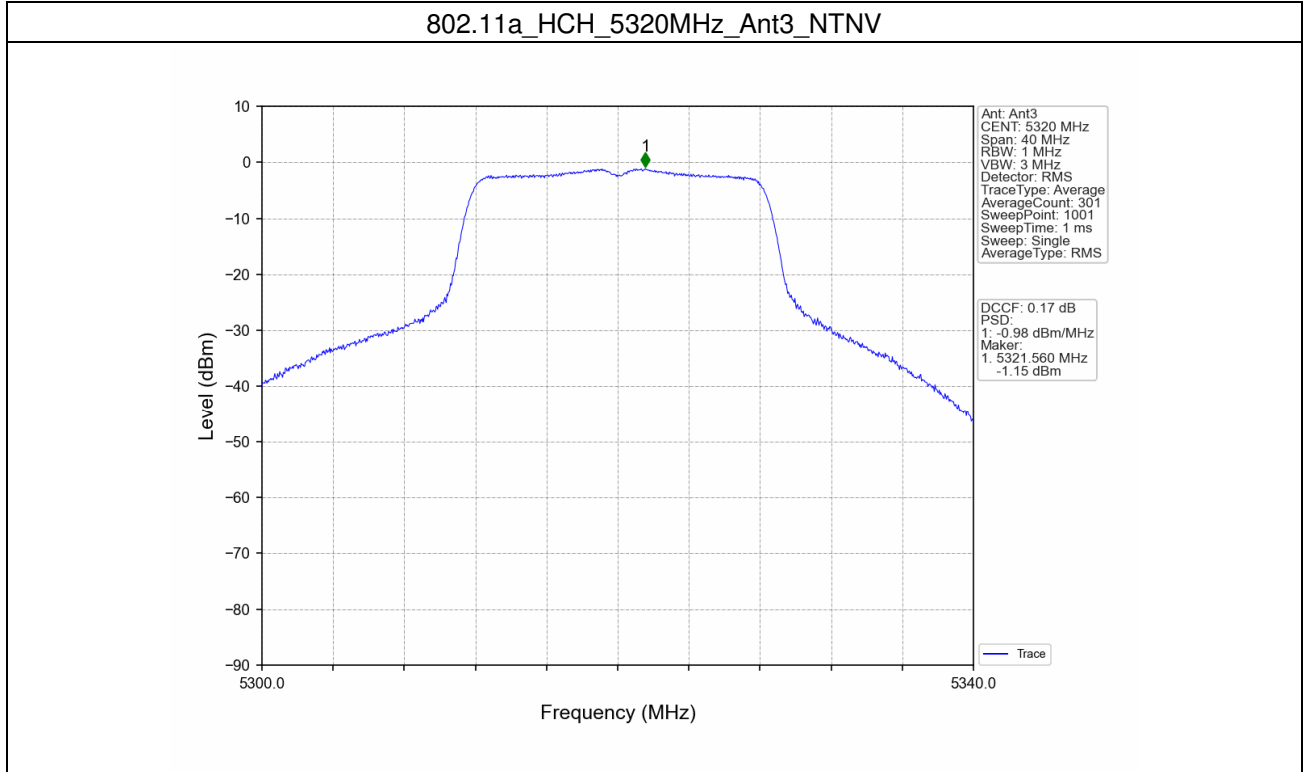
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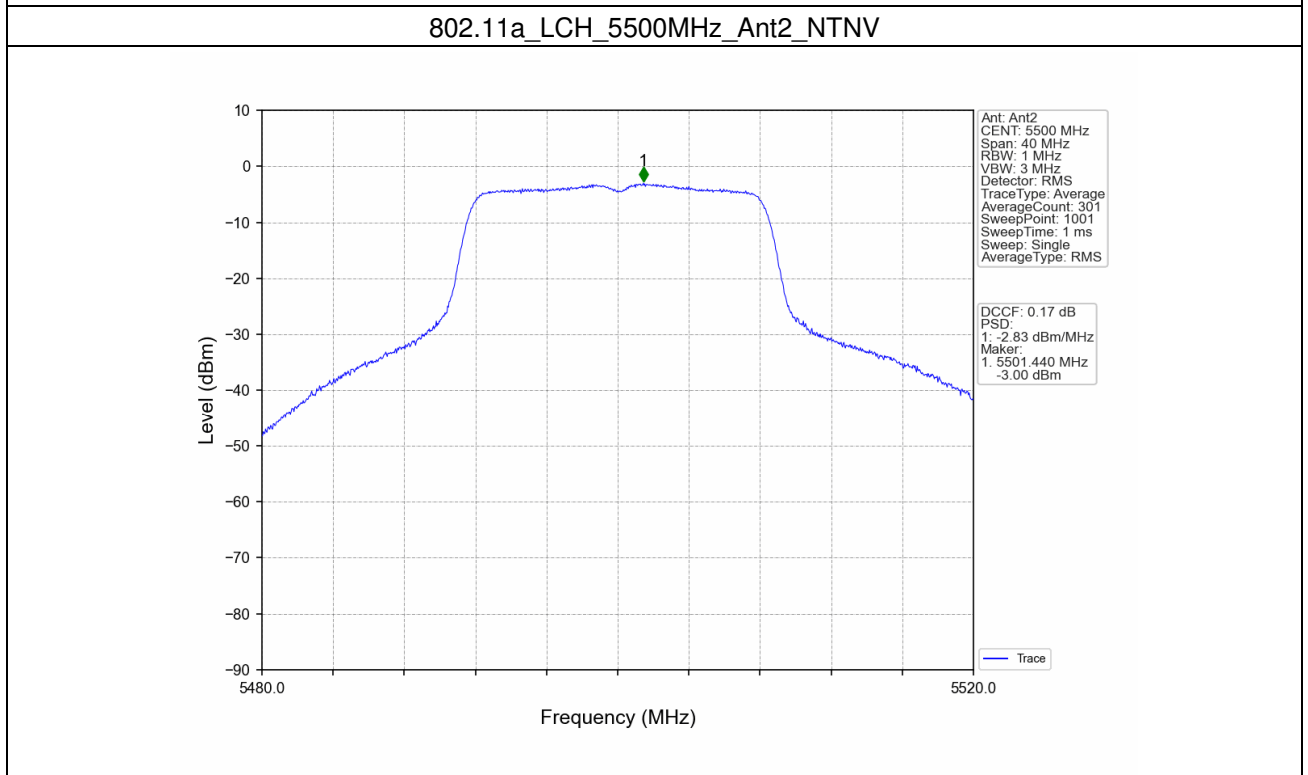
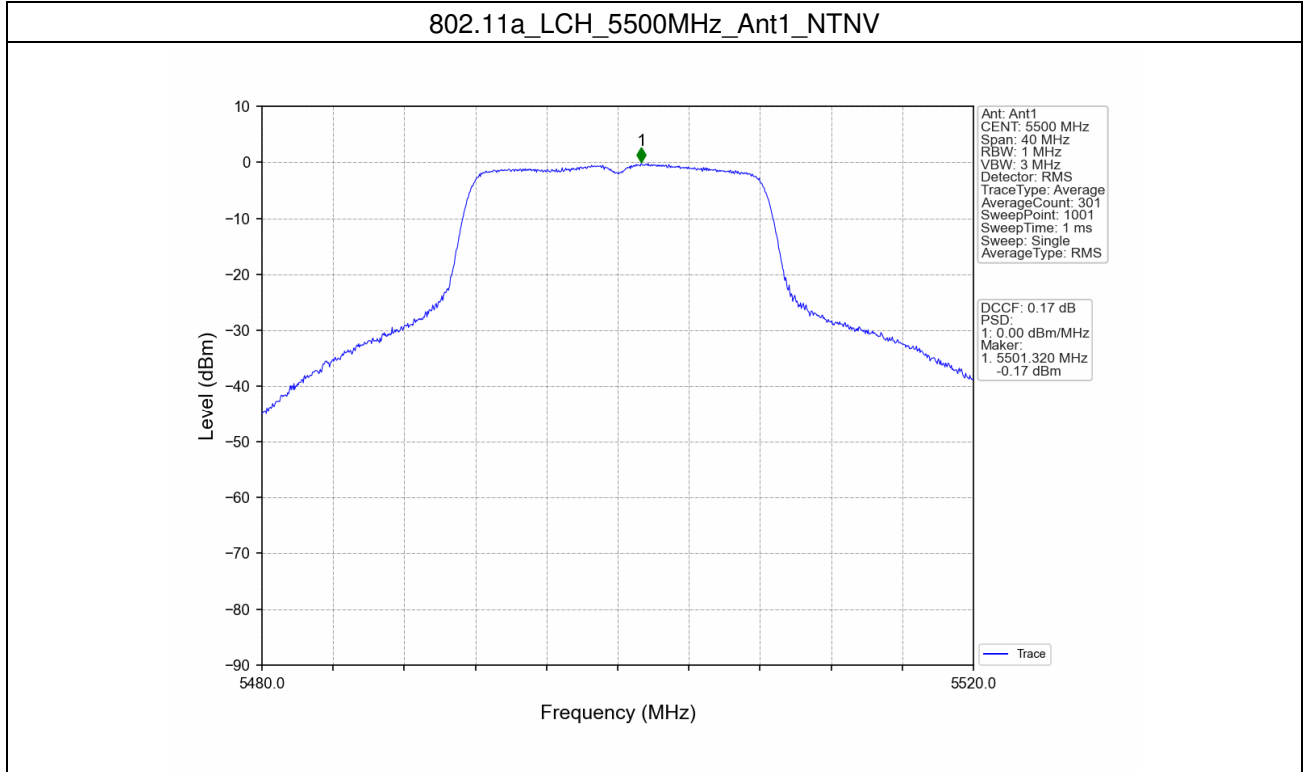
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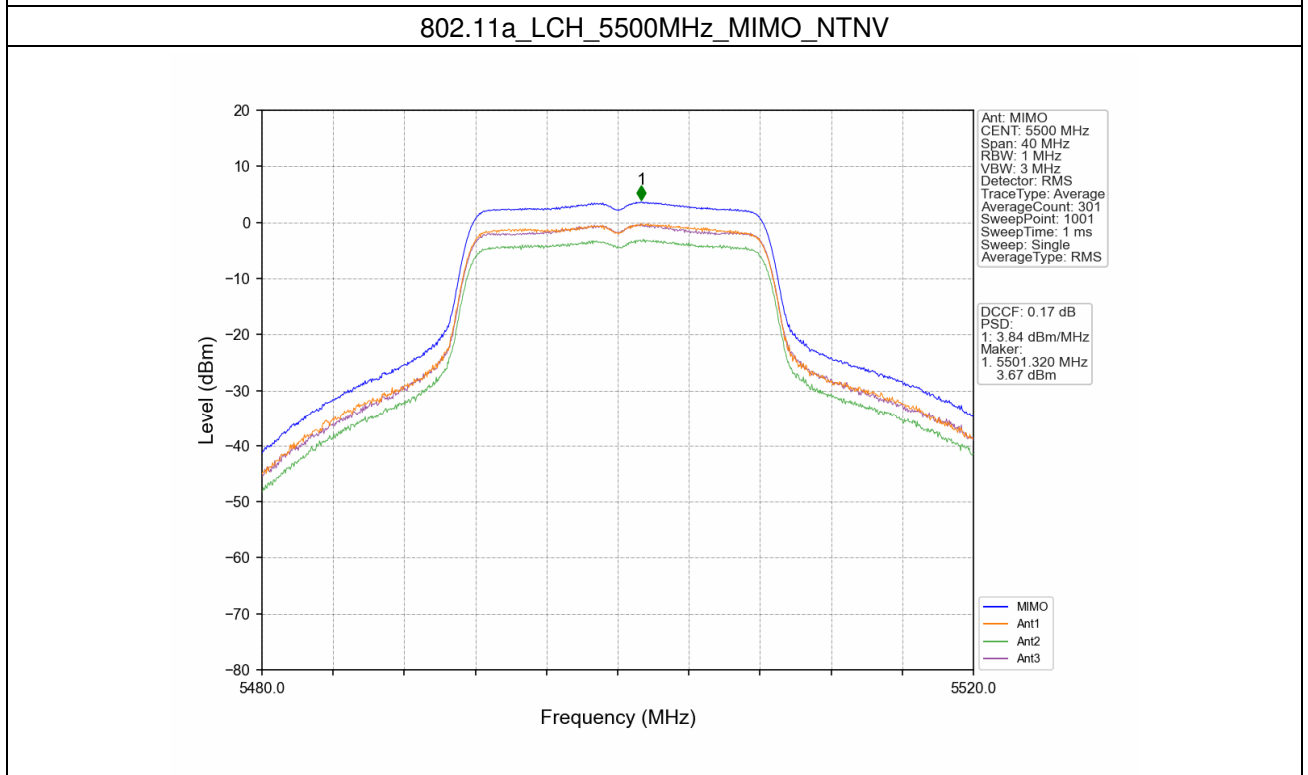
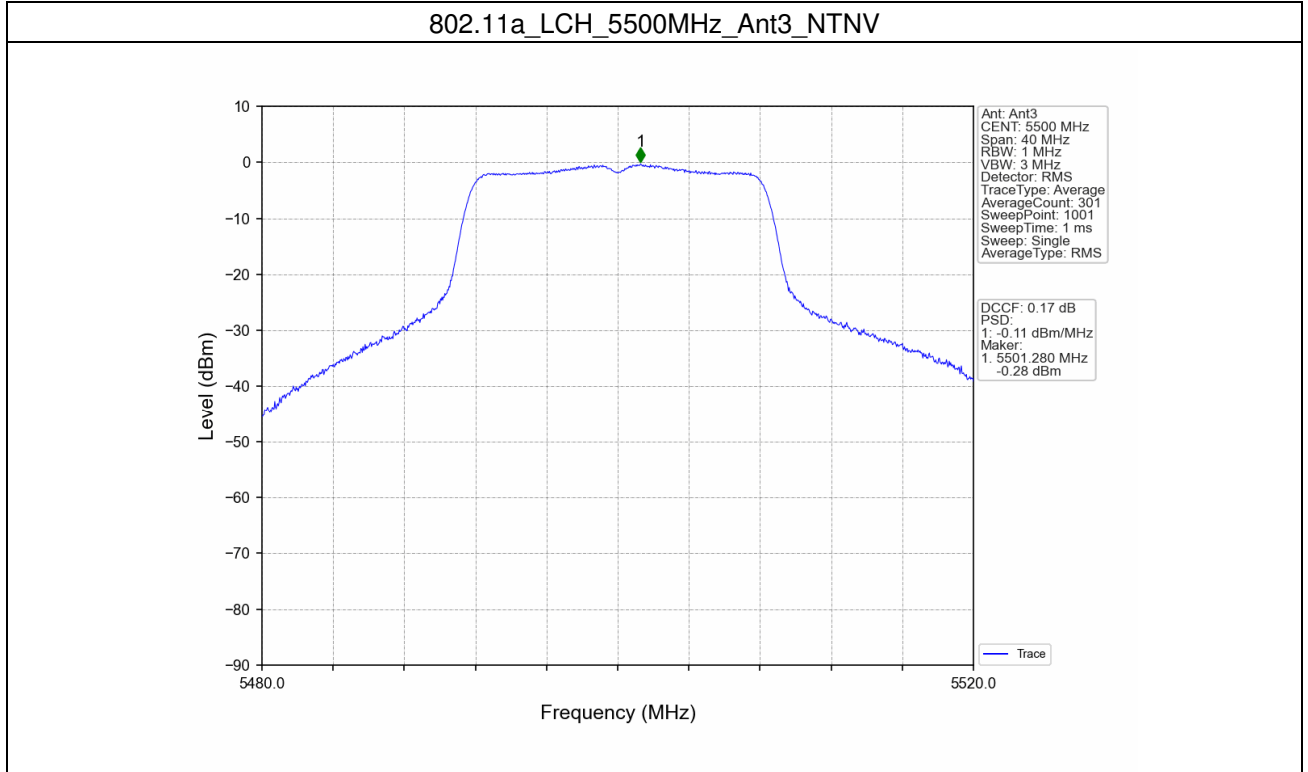


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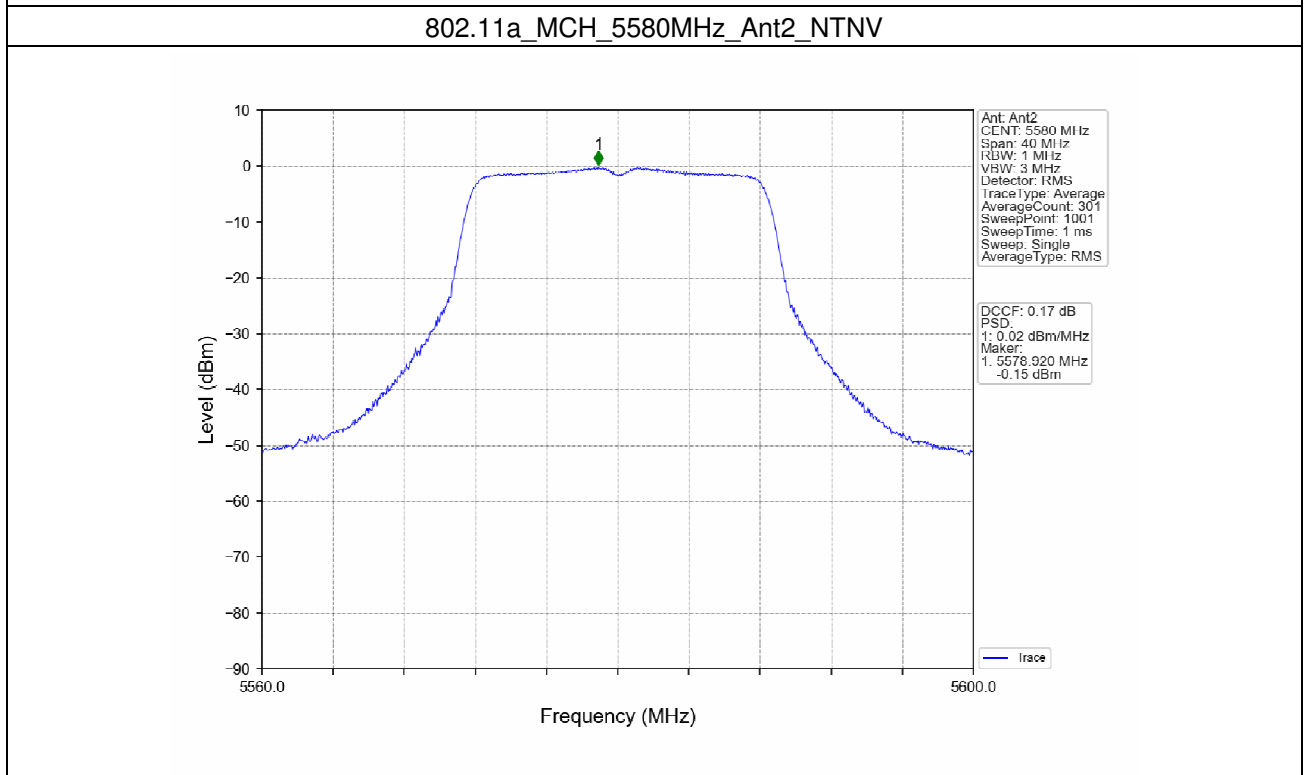
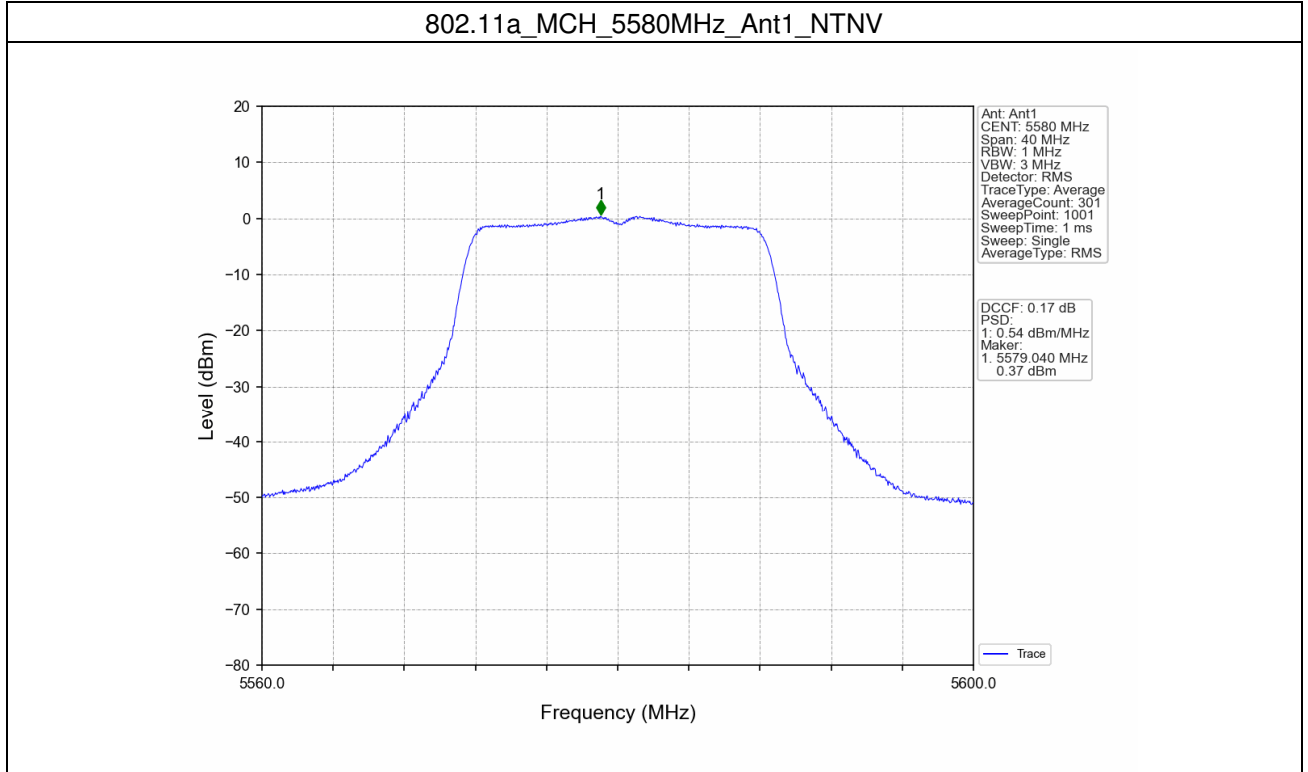
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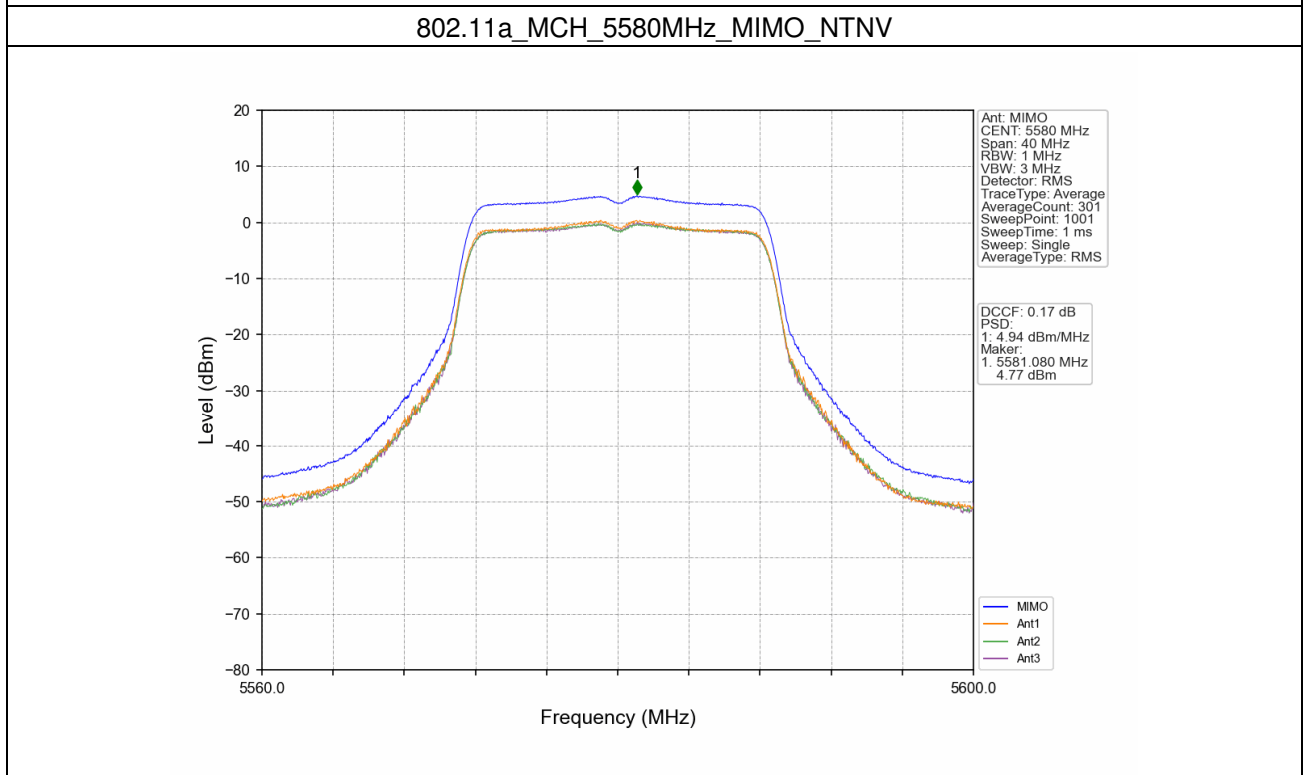
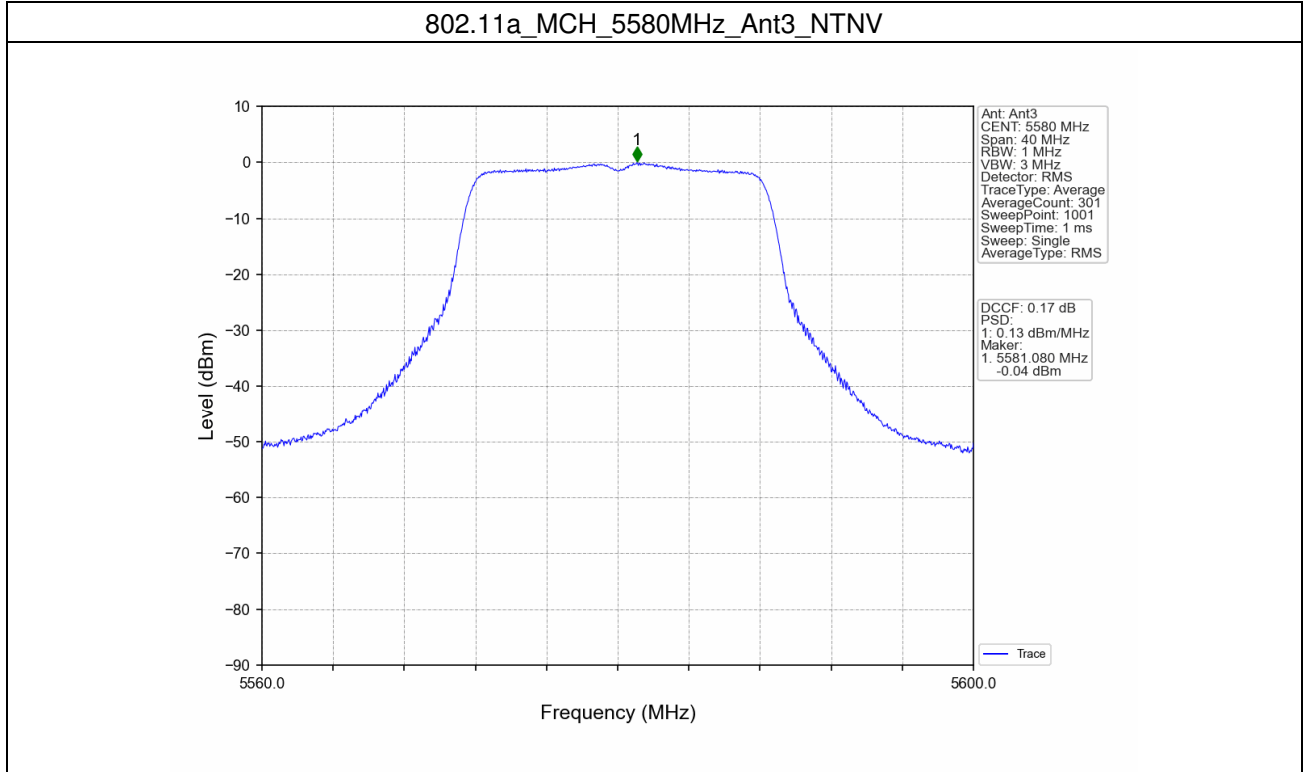


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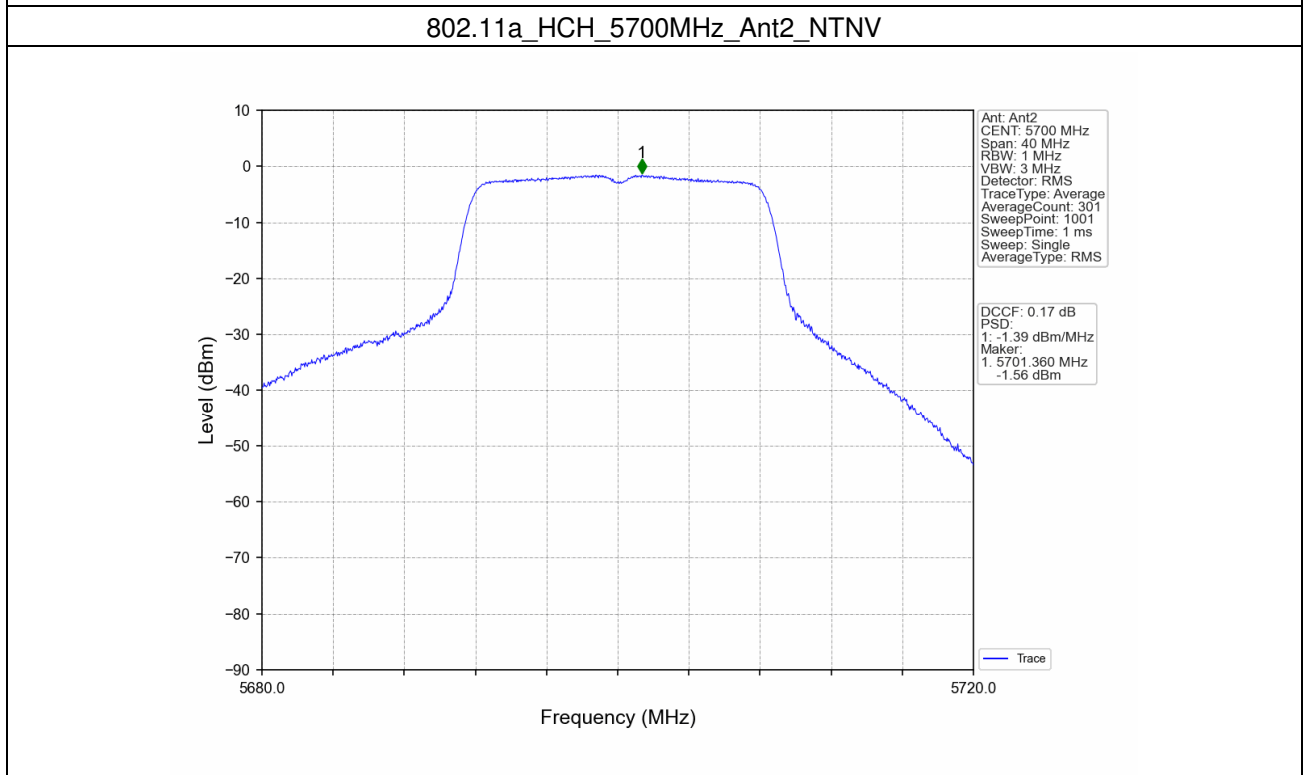
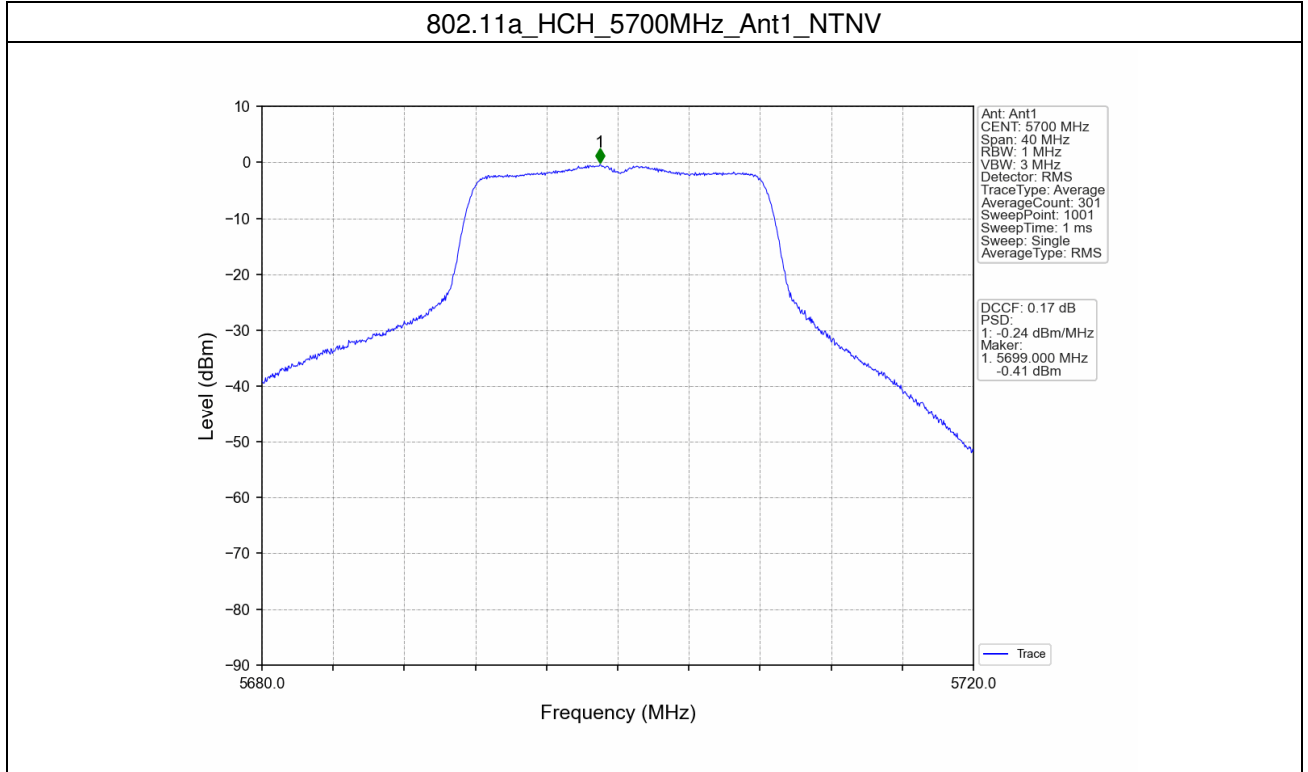
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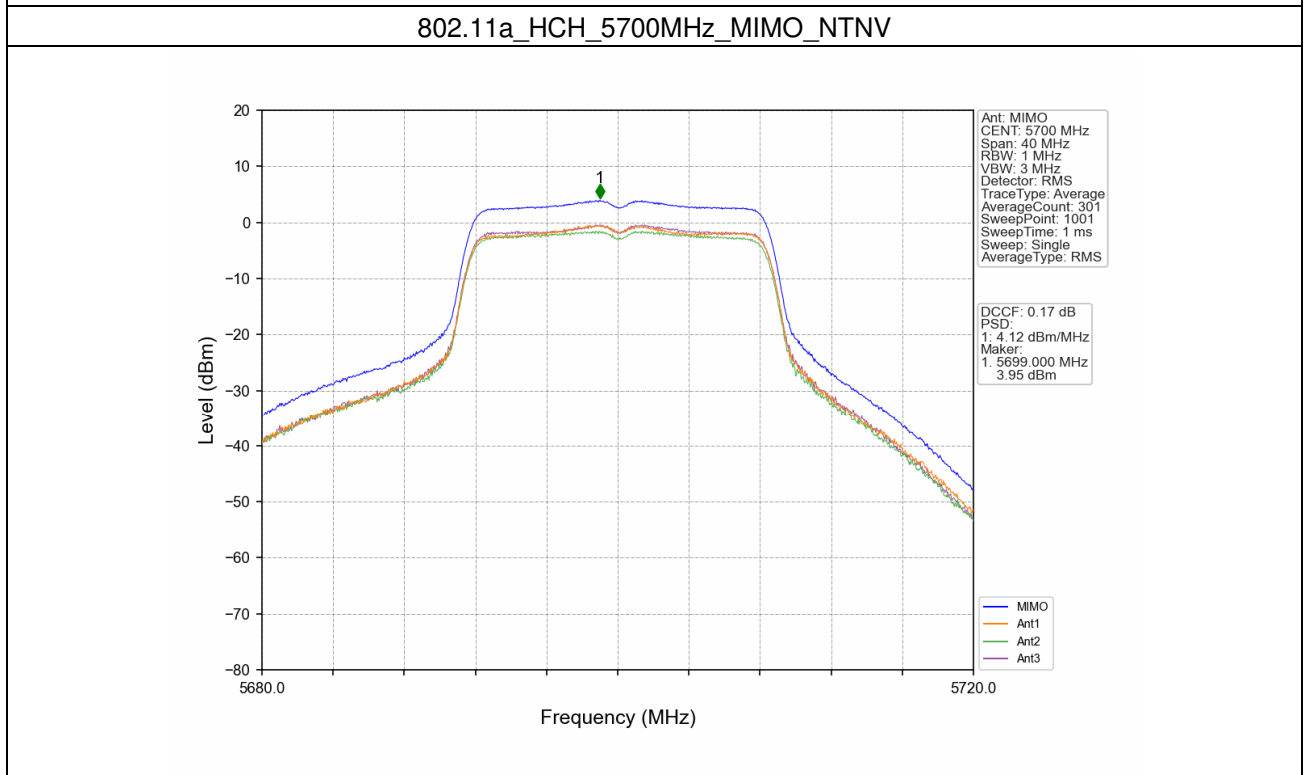
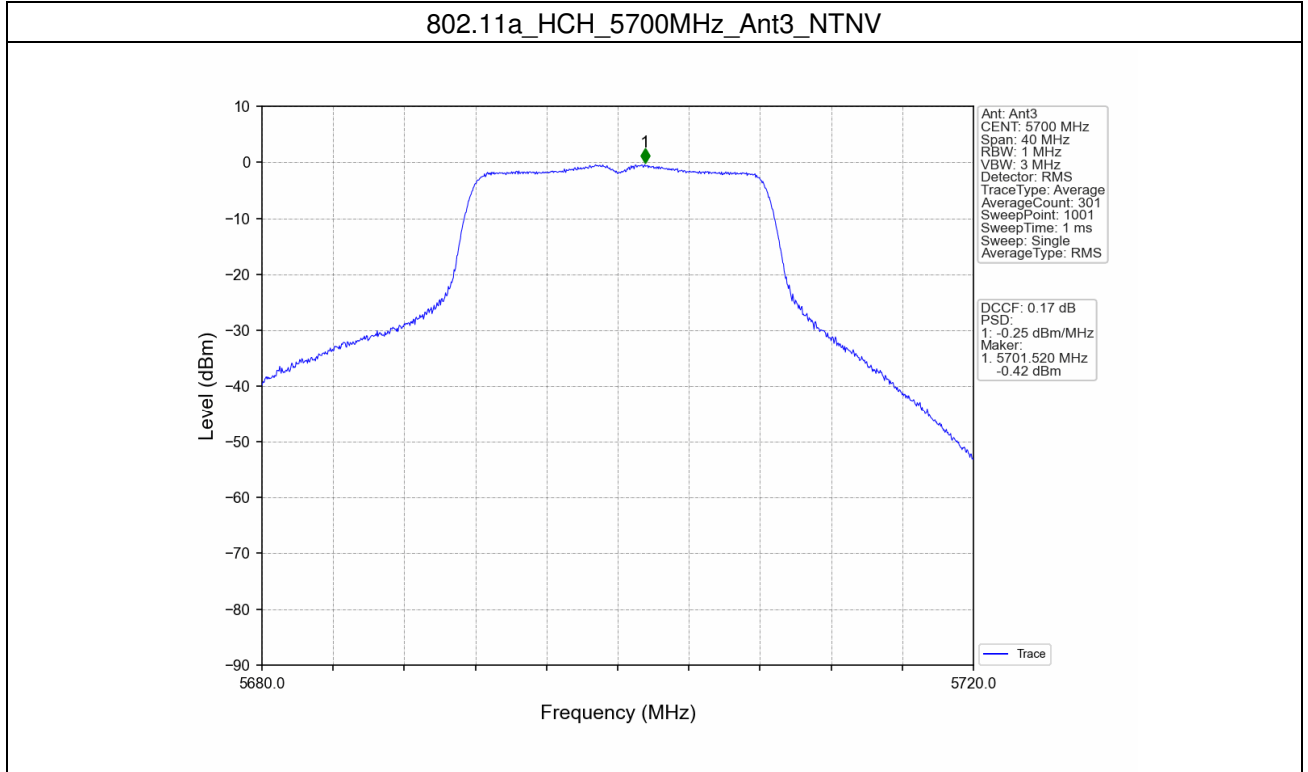


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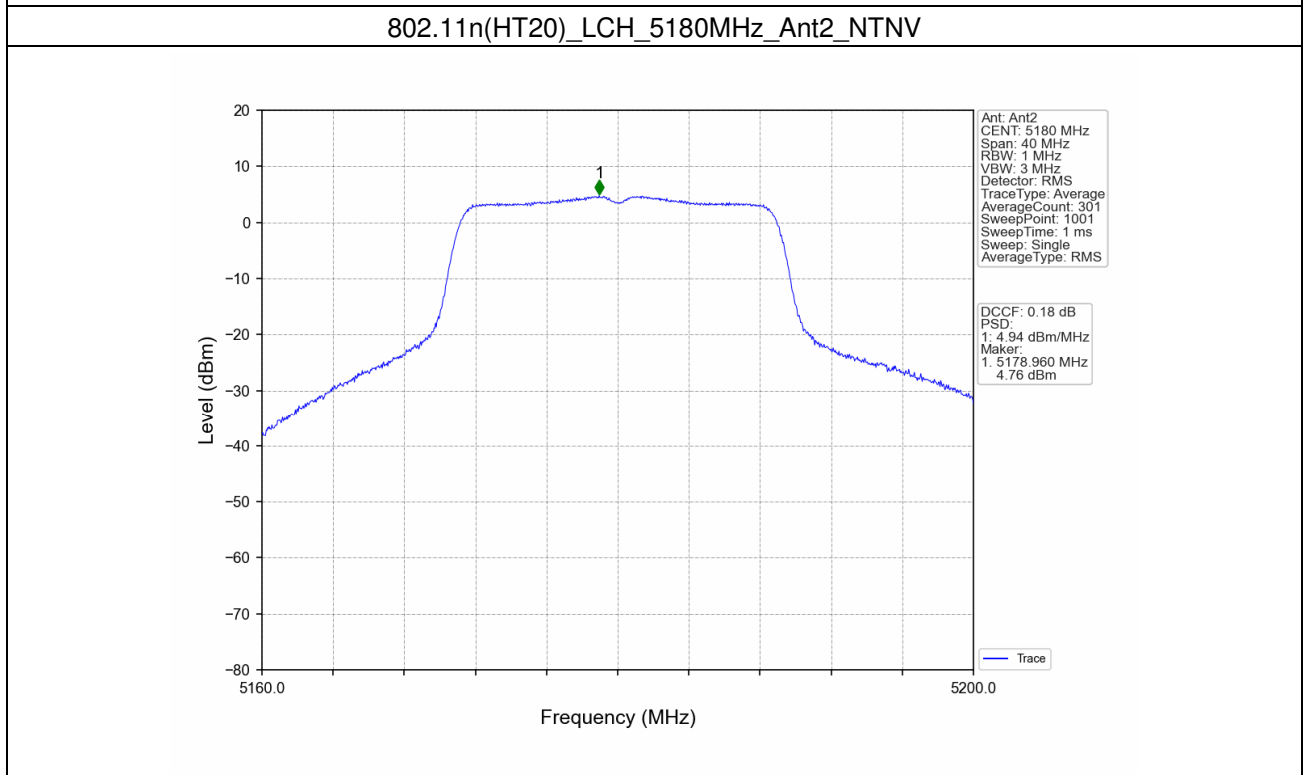
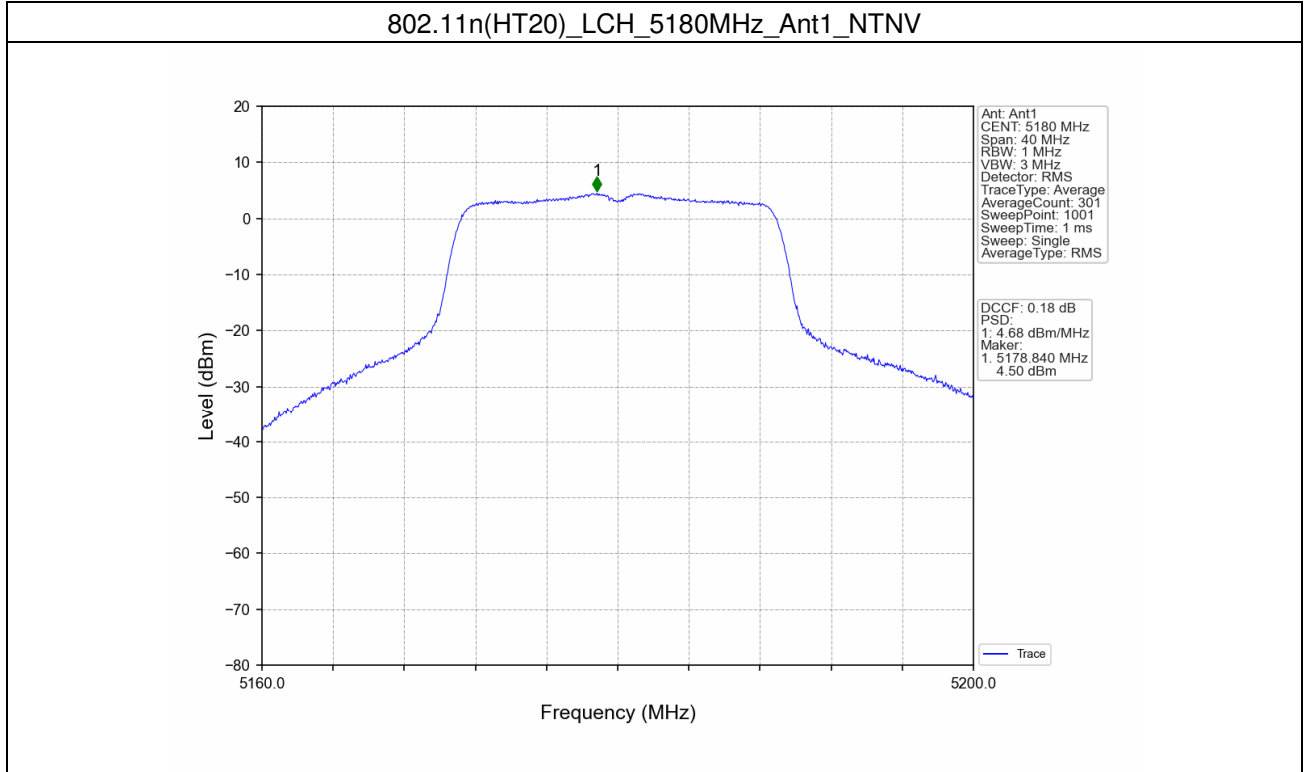
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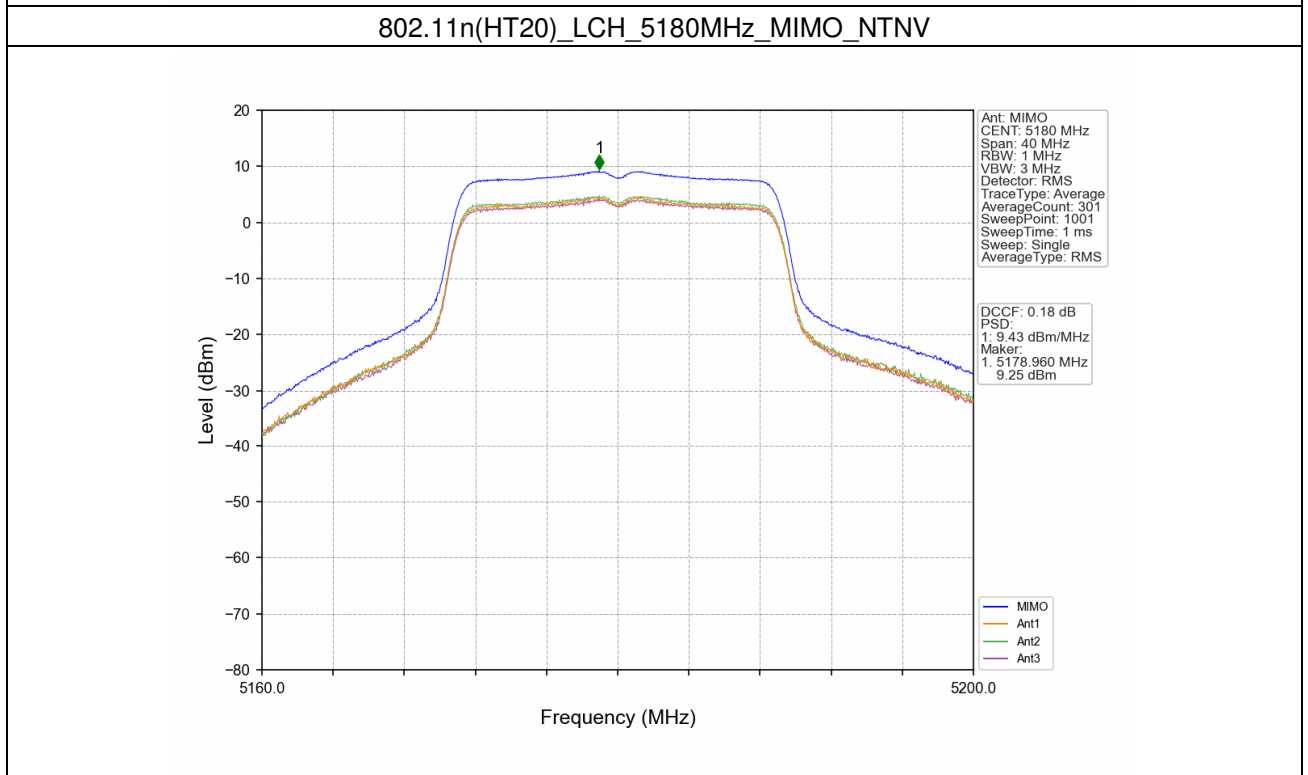
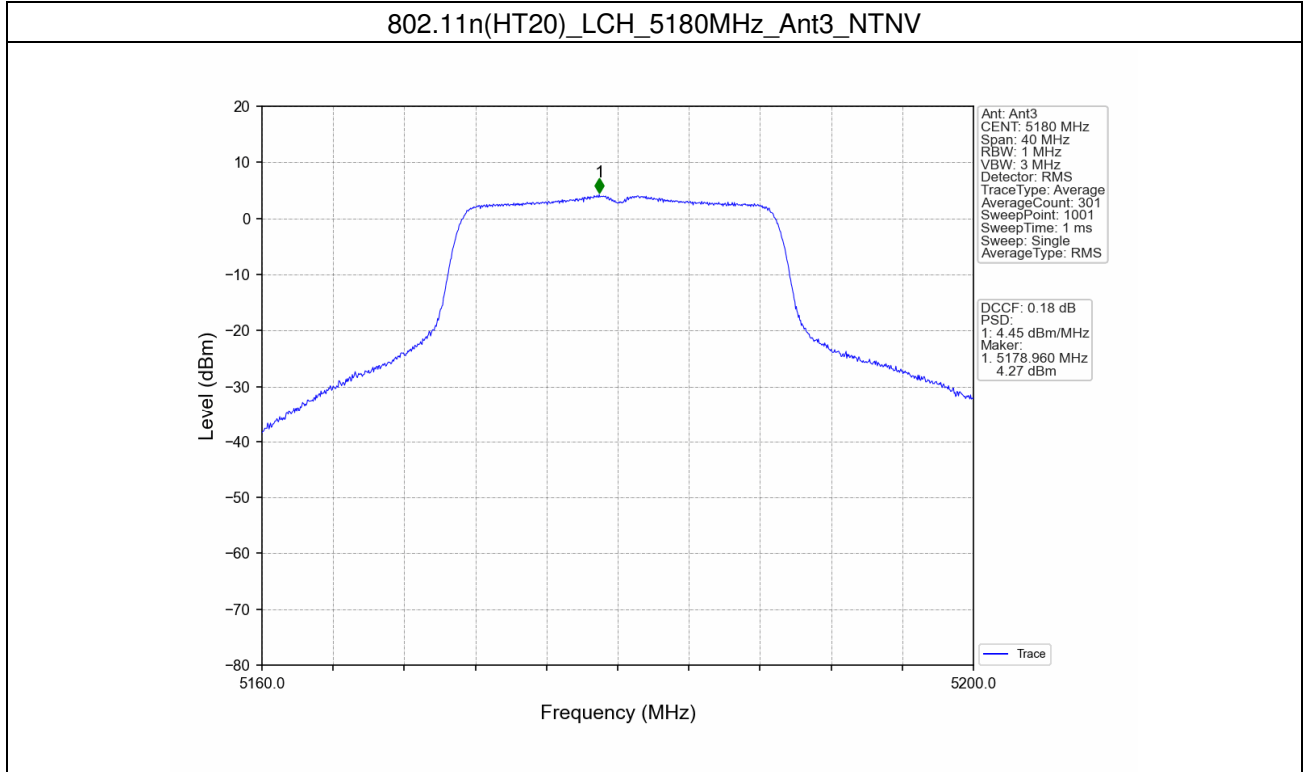


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