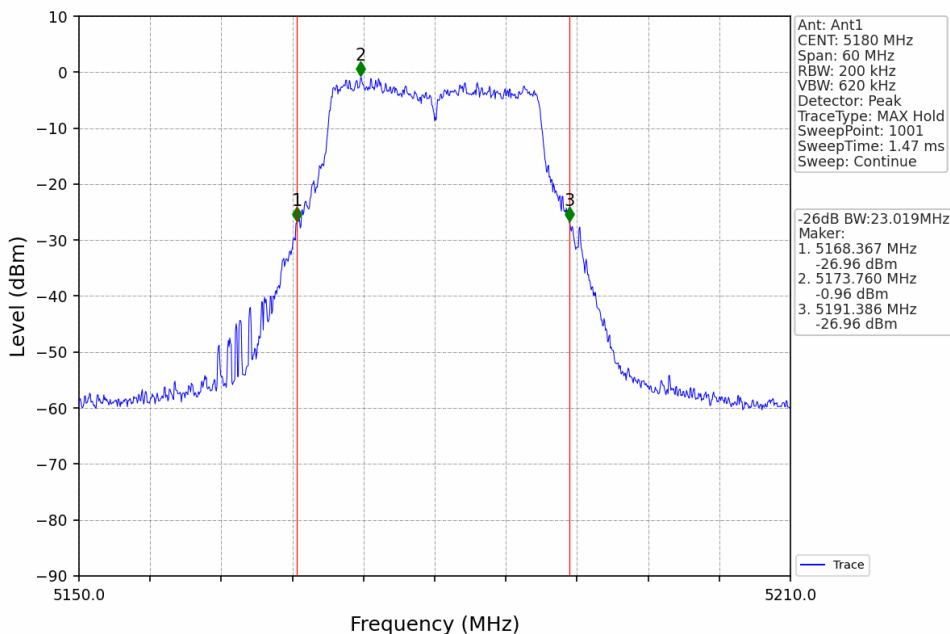
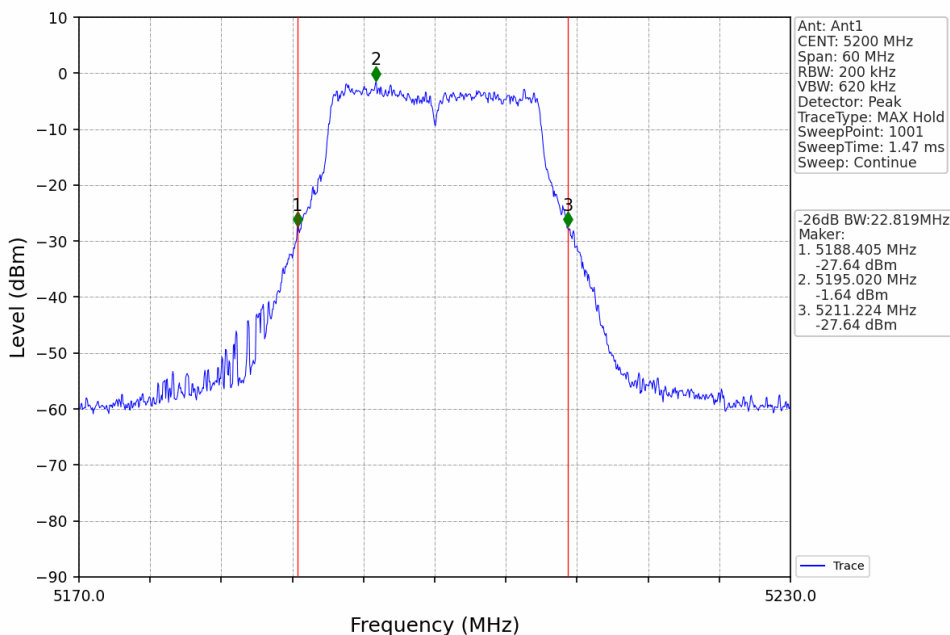


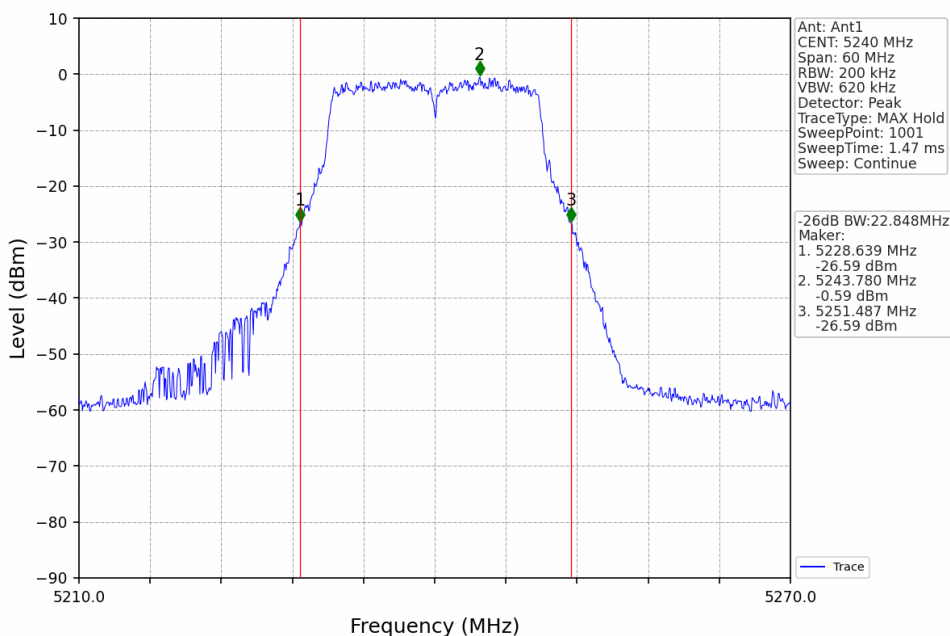
802.11ac(VHT20)\_LCH\_5180MHz\_Ant1\_NTNV



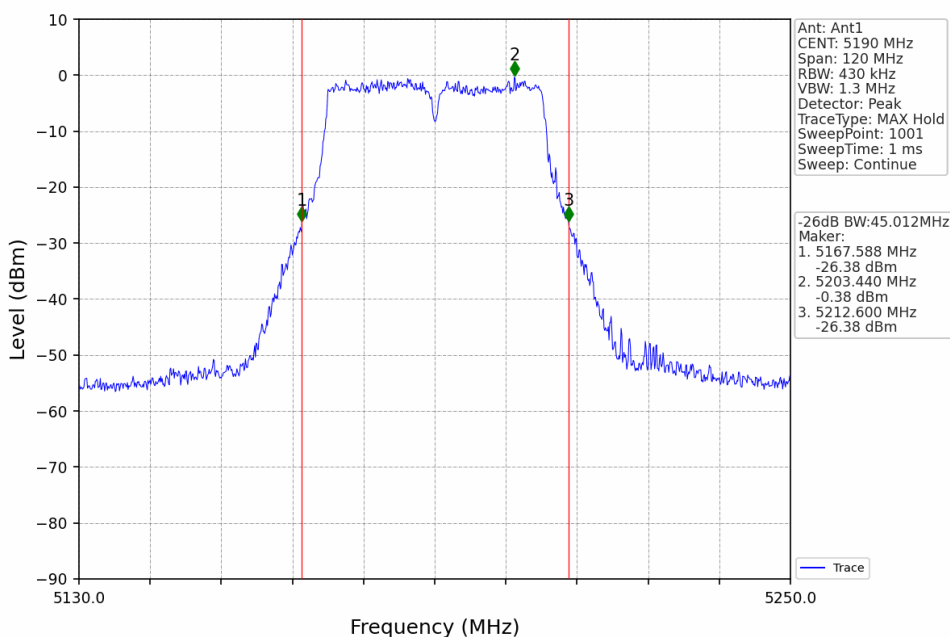
802.11ac(VHT20)\_MCH\_5200MHz\_Ant1\_NTNV



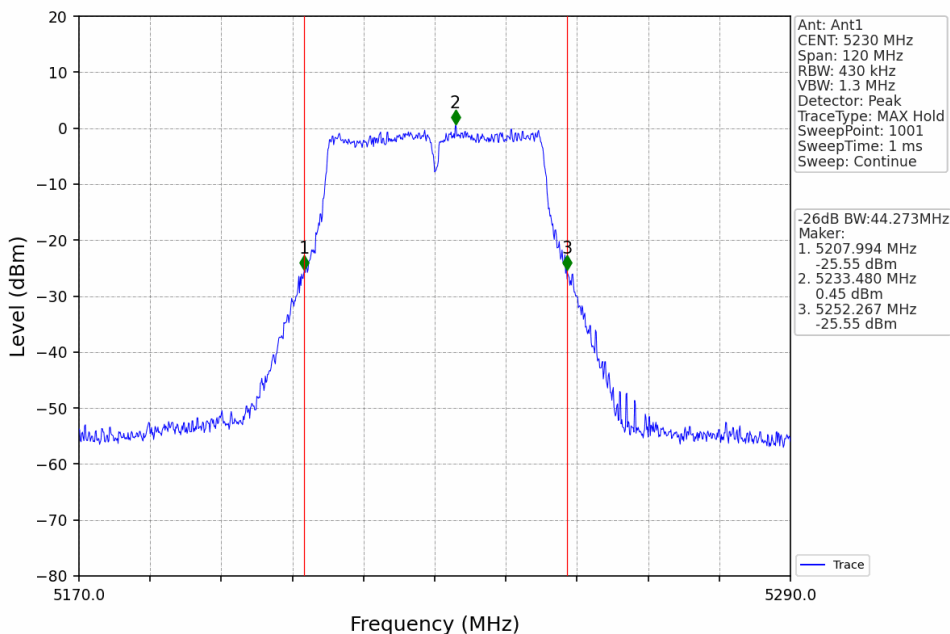
### 802.11ac(VHT20)\_HCH\_5240MHz\_Ant1\_NTNV



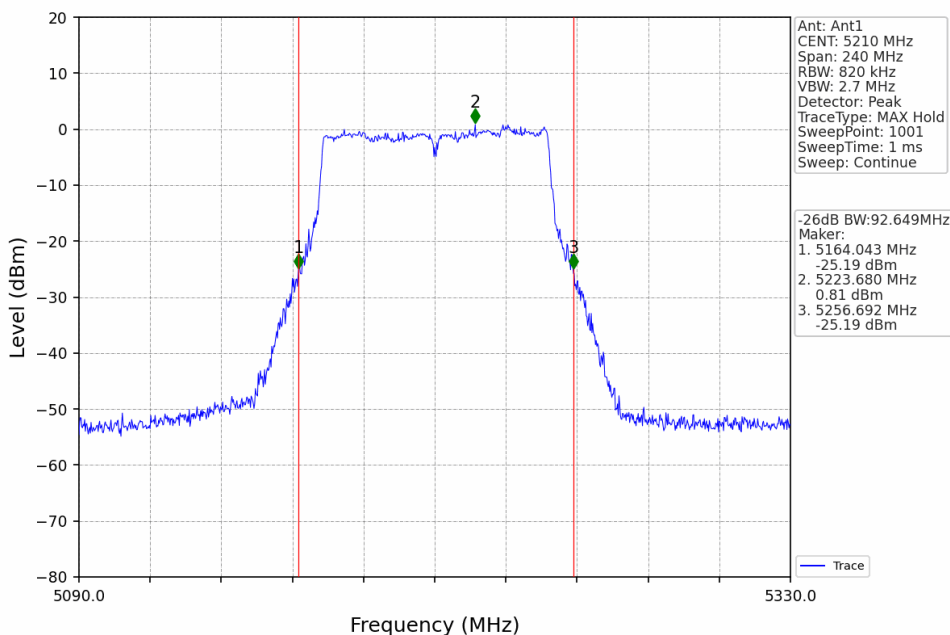
### 802.11ac(VHT40)\_LCH\_5190MHz\_Ant1\_NTNV



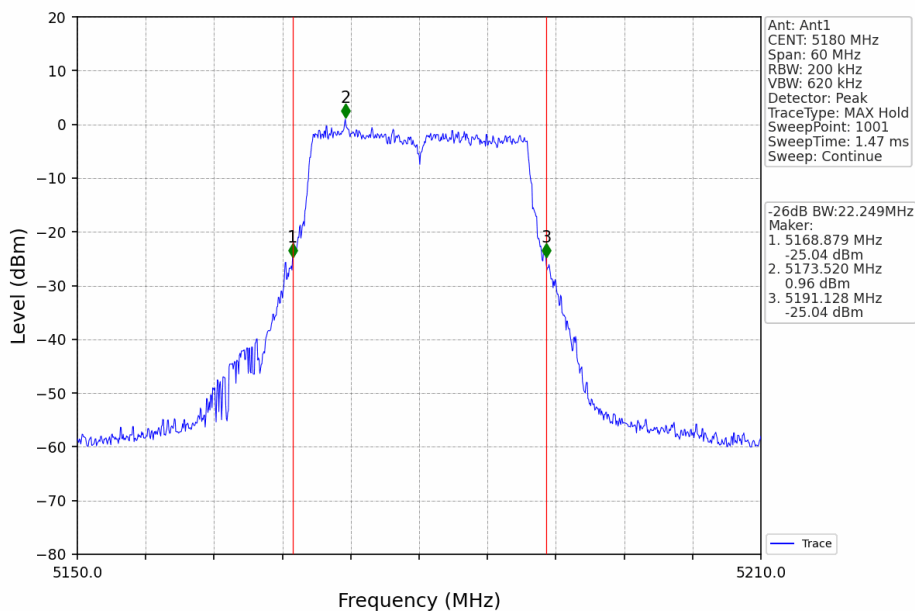
802.11ac(VHT40)\_HCH\_5230MHz\_Ant1\_NTNV



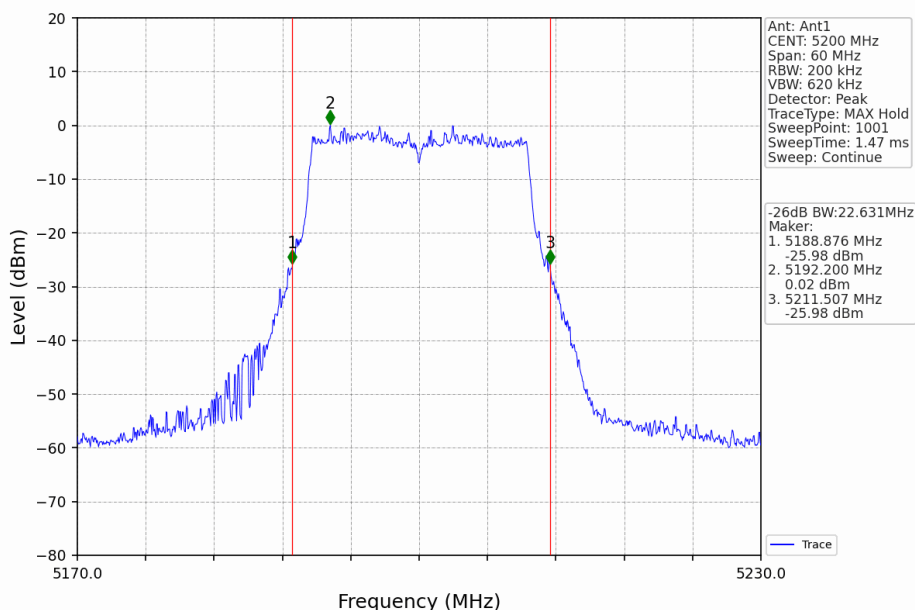
802.11ac(VHT80)\_MCH\_5210MHz\_Ant1\_NTNV



802.11ax(HEW20)\_LCH\_5180MHz\_RU242\_Left\_Ant1\_NTNV



802.11ax(HEW20)\_MCH\_5200MHz\_RU242\_Left\_Ant1\_NTNV

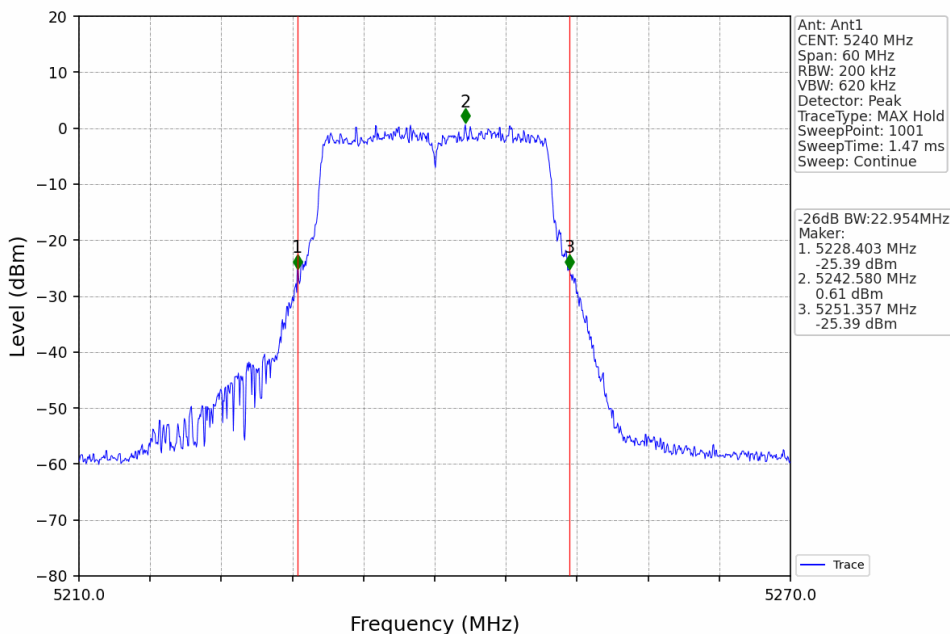


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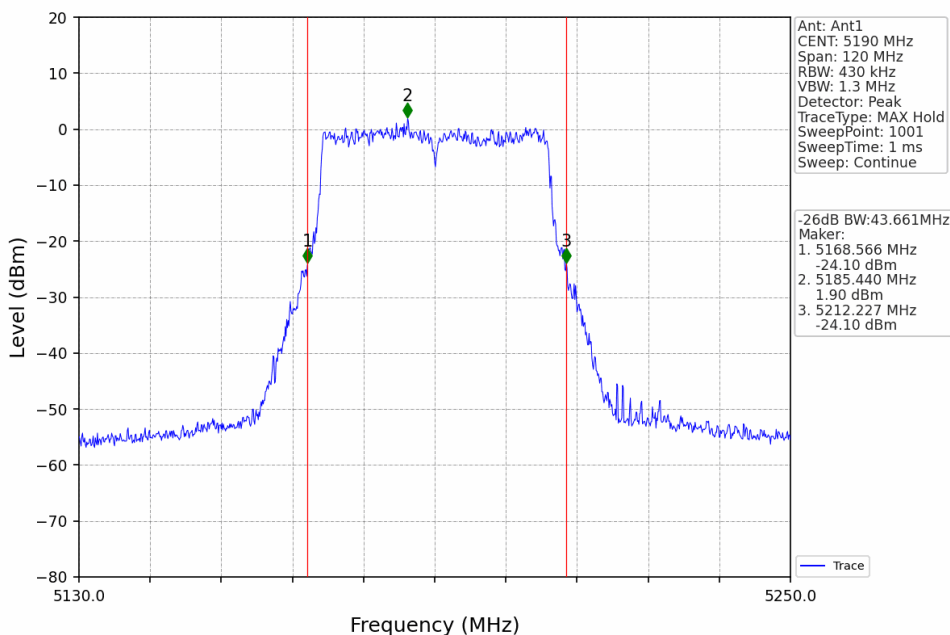
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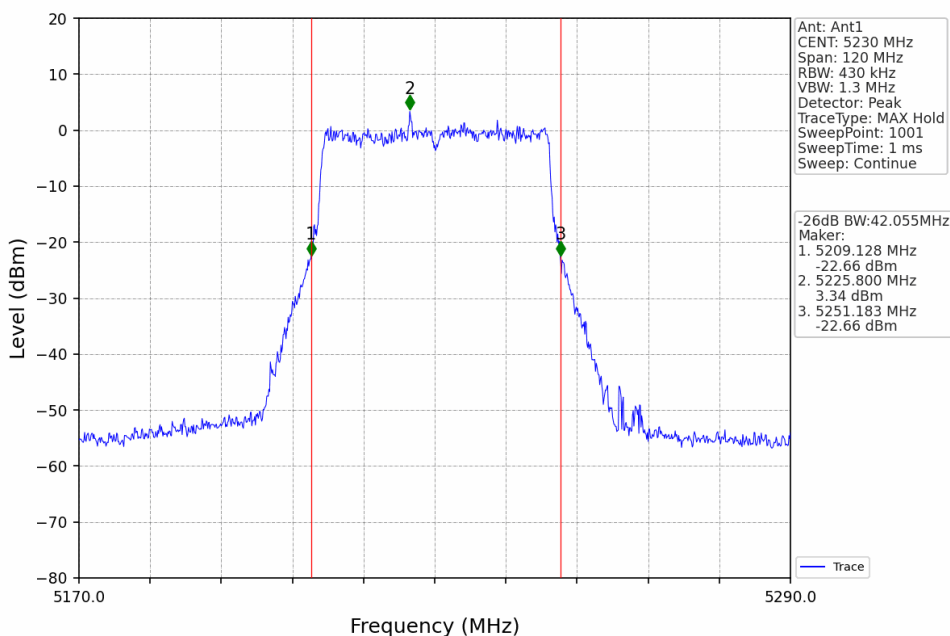
802.11ax(HEW20)\_HCH\_5240MHz\_RU242\_Left\_Ant1\_NTNV



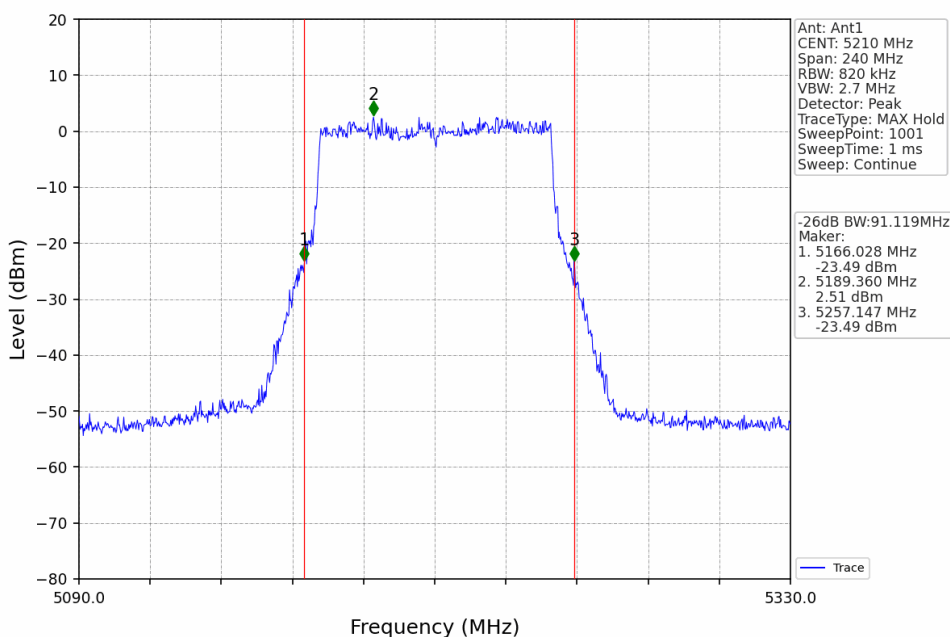
802.11ax(HEW40)\_LCH\_5190MHz\_RU484\_Left\_Ant1\_NTNV



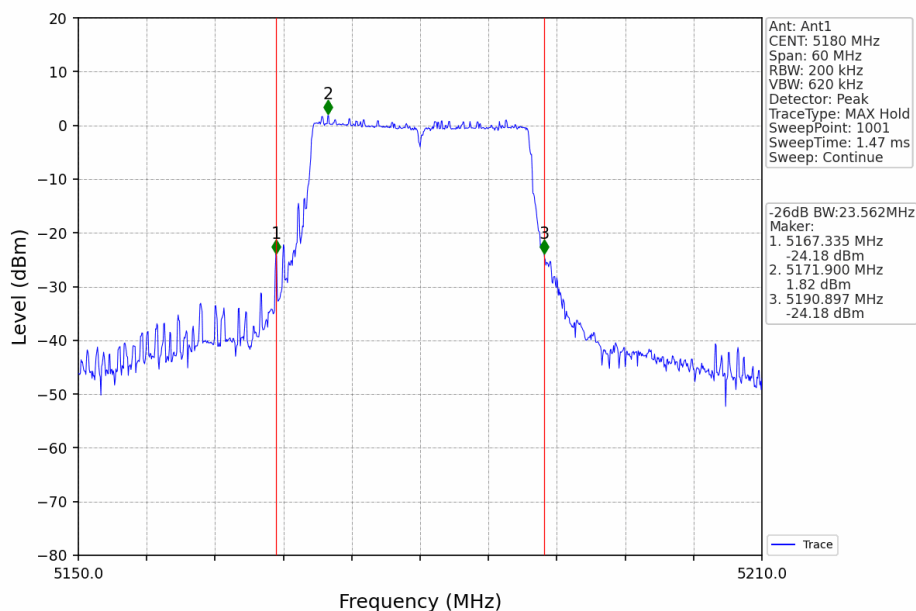
802.11ax(HEW40)\_HCH\_5230MHz\_RU484\_Left\_Ant1\_NTNV



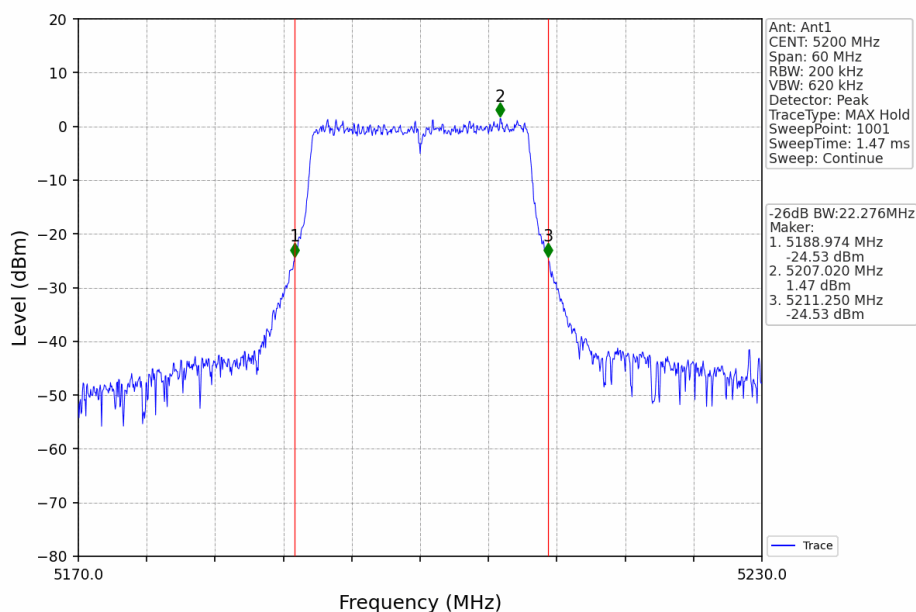
802.11ax(HEW80)\_MCH\_5210MHz\_RU996\_Left\_Ant1\_NTNV



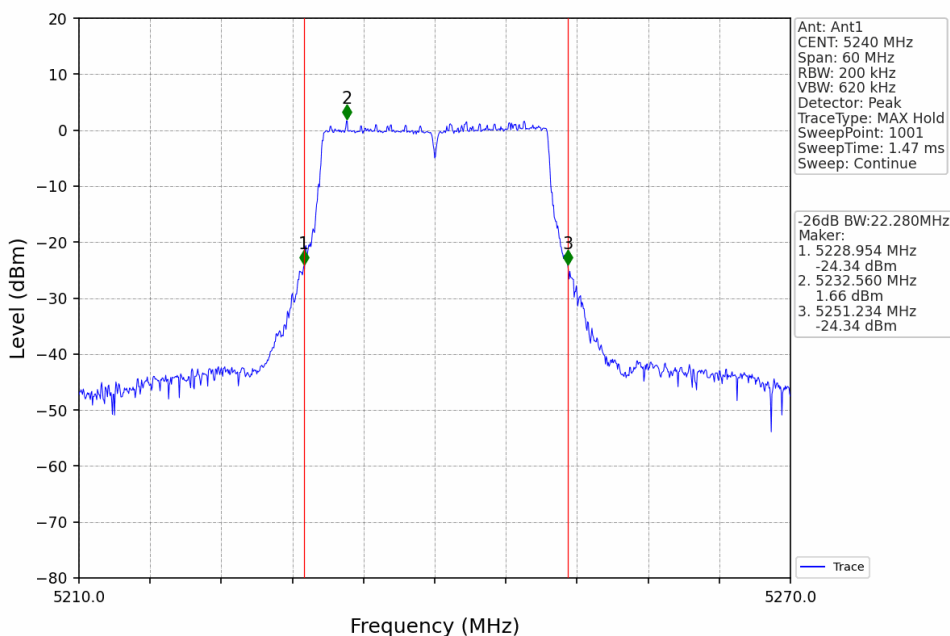
### 802.11be(EHT20)\_LCH\_5180MHz\_RU242\_Left\_Ant1\_NTNV



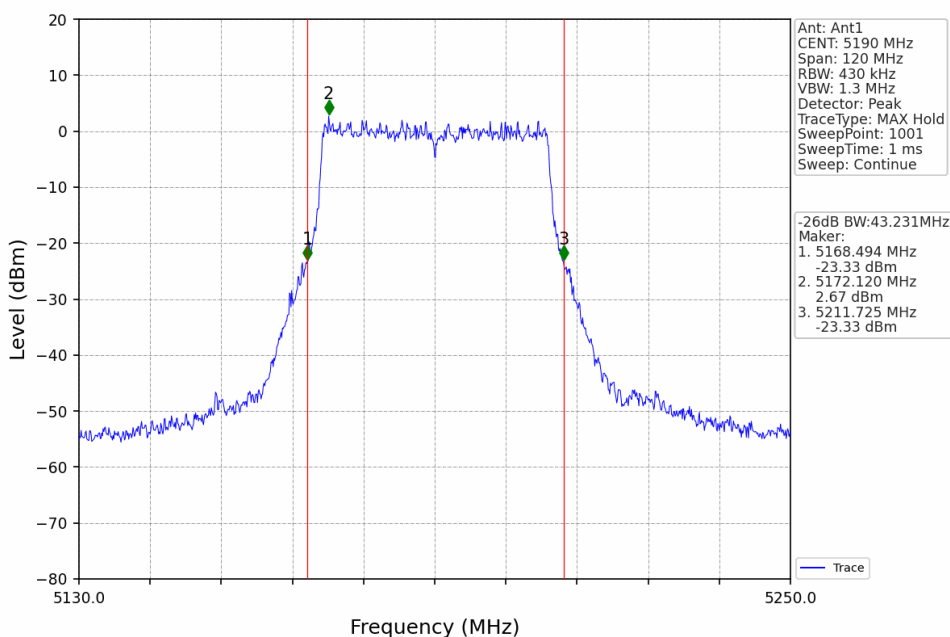
### 802.11be(EHT20)\_MCH\_5200MHz\_RU242\_Left\_Ant1\_NTNV



### 802.11be(EHT20)\_HCH\_5240MHz\_RU242\_Left\_Ant1\_NTNV

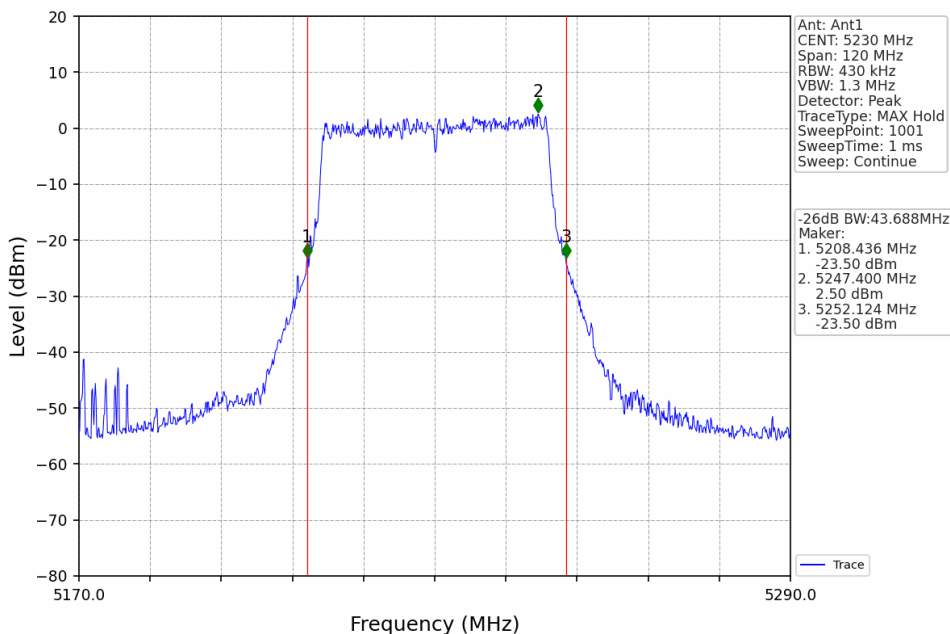


### 802.11be(EHT40)\_LCH\_5190MHz\_RU484\_Left\_Ant1\_NTNV

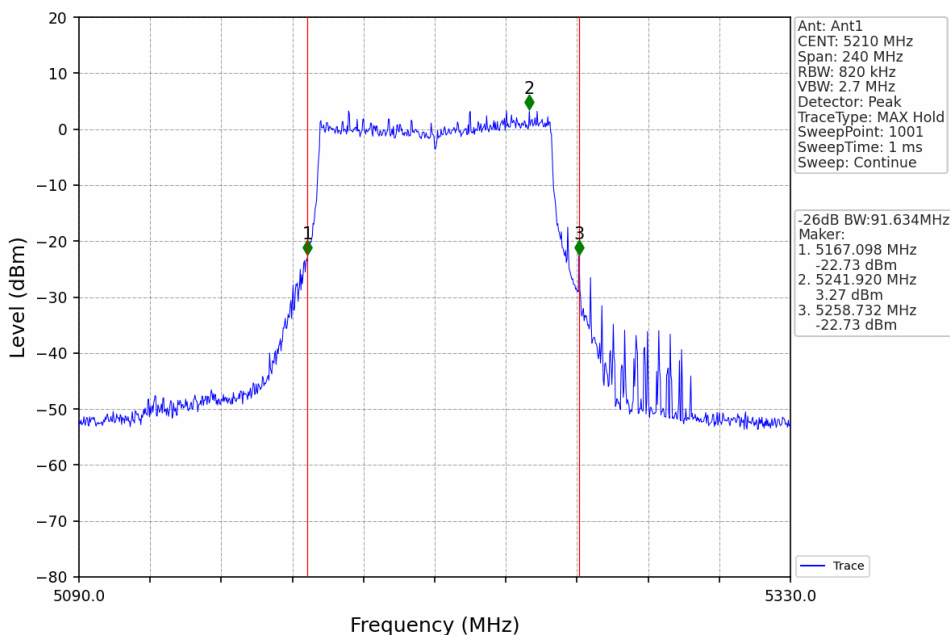




### 802.11be(EHT40)\_HCH\_5230MHz\_RU484\_Left\_Ant1\_NTNV



### 802.11be(EHT80)\_MCH\_5210MHz\_RU996\_Left\_Ant1\_NTNV



### 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	ANT4	MIMO	Limit	
802.11a	MIMO	5180	/	/	9.58	9.15	9.99	9.60	15.61	<=30	Pass
		5200	/	/	9.39	9.20	9.69	9.31	15.42	<=30	Pass
		5240	/	/	9.40	9.88	9.90	9.87	15.79	<=30	Pass
		5745	/	/	23.12	22.94	23.67	22.89	29.19	<=30	Pass
		5785	/	/	22.62	22.64	23.19	22.70	28.81	<=30	Pass
		5825	/	/	22.85	22.82	23.34	22.81	28.98	<=30	Pass
802.11n (HT20)	MIMO	5180	/	/	9.57	9.06	10.04	9.78	15.65	<=30	Pass
		5200	/	/	9.25	9.32	9.67	9.29	15.41	<=30	Pass
		5240	/	/	8.26	9.09	8.93	8.99	14.85	<=30	Pass
		5745	/	/	22.69	22.71	22.84	22.71	28.76	<=30	Pass
		5785	/	/	22.49	22.32	22.33	22.43	28.41	<=30	Pass
		5825	/	/	22.50	22.40	22.69	22.39	28.52	<=30	Pass
802.11n (HT40)	MIMO	5190	/	/	9.33	9.44	9.97	9.69	15.64	<=30	Pass
		5230	/	/	10.11	10.54	11.24	10.63	16.67	<=30	Pass
		5755	/	/	22.55	22.52	23.33	22.72	28.81	<=30	Pass
		5795	/	/	23.19	23.10	23.70	22.92	29.26	<=30	Pass
802.11ac (VHT20)	MIMO	5180	/	/	8.81	8.17	9.23	9.13	14.87	<=30	Pass
		5200	/	/	8.54	8.15	8.85	8.80	14.61	<=30	Pass
		5240	/	/	8.51	8.95	9.32	9.46	15.10	<=30	Pass
		5745	/	/	22.72	22.57	23.05	22.50	28.74	<=30	Pass
		5785	/	/	22.74	23.01	23.20	22.96	29.00	<=30	Pass
		5825	/	/	22.83	22.89	23.37	22.80	29.00	<=30	Pass
802.11ac (VHT40)	MIMO	5190	/	/	9.50	9.40	9.47	9.72	15.54	<=30	Pass
		5230	/	/	10.22	10.60	10.29	10.70	16.48	<=30	Pass
		5755	/	/	22.51	22.69	23.71	23.23	29.08	<=30	Pass
		5795	/	/	23.22	22.81	23.24	23.48	29.21	<=30	Pass
802.11ac (VHT80)	MIMO	5210	/	/	10.73	11.03	10.98	11.15	17.00	<=30	Pass
		5775	/	/	23.56	23.54	23.93	23.99	29.78	<=30	Pass
802.11ax (HEW20)	MIMO	5180	RU52	Left	2.04	2.44	1.45	1.44	7.88	<=30	Pass
			RU242	Left	9.99	9.71	10.37	10.11	16.07	<=30	Pass
		5200	RU52	Mid	2.15	2.79	1.45	1.4	8.01	<=30	Pass



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		5240	RU242	Left	9.5	9.71	10.29	9.95	15.89	<=30	Pass
			RU52	Right	3.15	3.73	3.08	3.24	9.33	<=30	Pass
			RU242	Left	9.05	10.13	10.04	10.08	15.87	<=30	Pass
		5745	RU52	Left	17.90	17.85	17.74	17.75	23.83	<=30	Pass
			RU242	Left	22.64	22.53	22.85	22.58	28.67	<=30	Pass
		5785	RU52	Mid	17.42	17.51	17.31	17.38	23.43	<=30	Pass
			RU242	Left	22.84	23.03	23.35	22.98	29.07	<=30	Pass
		5825	RU52	Right	19.03	19.08	18.87	19.09	25.04	<=30	Pass
			RU242	Left	22.38	22.48	22.76	22.40	28.53	<=30	Pass
802.11ax (HEW40)	MIMO	5190	RU52	Left	4.03	3.2	3.9	3.6	9.71	<=30	Pass
			RU484	Left	9.85	9.58	10.43	9.78	15.94	<=30	Pass
		5230	RU52	Right	4.99	4.64	5.22	5.25	11.05	<=30	Pass
			RU484	Left	9.73	10.47	11.02	10.76	16.54	<=30	Pass
		5755	RU52	Left	22.04	22.30	22.51	22.01	28.24	<=30	Pass
			RU484	Left	23.36	23.71	24.29	23.91	29.85	<=30	Pass
		5795	RU52	Right	22.76	22.55	22.92	22.54	28.72	<=30	Pass
			RU484	Left	23.13	23.10	23.42	23.55	29.32	<=30	Pass
802.11ax (HEW80)	MIMO	5210	RU52	Mid	4.13	5.65	4.26	3.88	10.56	<=30	Pass
			RU996	Left	12.20	12.57	12.98	12.84	18.68	<=30	Pass
		5775	RU52	Mid	22.87	22.77	22.56	22.85	28.78	<=30	Pass
			RU996	Left	23.52	23.47	24.05	23.87	29.75	<=30	Pass
802.11be (EHT20)	MIMO	5180	RU52	Left	6.00	7.02	4.71	3.54	11.53	<=30	Pass
			RU52+26	Left	5.80	6.90	4.58	3.65	11.43	<=30	Pass
			RU242	Left	12.80	13.80	11.30	10.60	18.33	<=30	Pass
		5200	RU52	Mid	4.68	5.10	7.00	5.81	11.76	<=30	Pass
			RU52+26	Mid	4.68	5.22	6.98	5.41	11.68	<=30	Pass
			RU242	Left	12.31	13.11	11.71	8.88	17.78	<=30	Pass
		5240	RU52	Right	5.71	6.29	5.39	4.95	11.63	<=30	Pass
			RU52+26	Right	5.70	6.30	5.21	4.81	11.56	<=30	Pass
			RU242	Left	11.87	12.29	11.4	10.61	17.61	<=30	Pass
		5745	RU52	Left	23.33	22.56	23.5	23.21	29.18	<=30	Pass
			RU52+26	Left	23.03	22.61	23.49	23.15	29.1	<=30	Pass
			RU242	Left	23.16	22.16	23.28	22.58	28.84	<=30	Pass
		5785	RU52	Mid	21.79	20.67	21.34	21.93	27.48	<=30	Pass
			RU52+26	Mid	22.85	22.14	22.50	21.85	28.37	<=30	Pass
			RU242	Left	24.09	23.49	23.82	23.39	29.73	<=30	Pass
		5825	RU52	Right	23.77	23.65	23.59	23.29	29.60	<=30	Pass
			RU52+26	Right	23.80	23.57	23.50	23.19	29.54	<=30	Pass
			RU242	Left	23.45	23.26	23.21	22.84	29.22	<=30	Pass
802.11be	MIMO	5190	RU52	Left	5.40	6.03	4.18	3.57	10.92	<=30	Pass



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(EHT40)			RU52+26	Left	5.36	6.02	4.18	3.55	10.91	<=30	Pass
			RU484	Left	12.88	13.63	11.39	10.96	18.37	<=30	Pass
		5230	RU52	Right	5.88	6.52	5.52	5.43	11.88	<=30	Pass
			RU52+26	Right	5.96	6.57	5.53	5.33	11.89	<=30	Pass
			RU484	Left	13.27	13.70	12.75	12.23	19.04	<=30	Pass
		5755	RU52	Left	22.56	22.23	22.47	22.03	28.35	<=30	Pass
			RU52+26	Left	22.23	22.09	22.32	22.00	28.18	<=30	Pass
			RU484	Left	22.56	22.17	22.76	22.47	28.52	<=30	Pass
		5795	RU52	Right	21.77	21.87	22.14	20.88	27.71	<=30	Pass
			RU52+26	Right	23.04	22.87	23.05	22.26	28.84	<=30	Pass
			RU484	Left	23.87	23.14	23.31	22.96	29.35	<=30	Pass
802.11be (EHT80)	MIMO	5210	RU52	Mid	6.36	6.66	6.40	5.73	12.32	<=30	Pass
			RU52+26	Mid	6.33	6.70	6.36	5.66	12.30	<=30	Pass
			RU996	Left	13.33	13.98	12.27	11.78	18.95	<=30	Pass
		5775	RU52	Mid	22.37	21.37	22.21	23.03	28.31	<=30	Pass
			RU52+26	Mid	22.46	21.51	21.93	22.97	28.27	<=30	Pass
			RU996	Left	23.04	21.9	22.44	23.45	28.77	<=30	Pass



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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	ANT4	MIMO	Limit	
802.11a	MIMO	5180	/	/	-0.19	-0.42	0.24	-0.28	5.68	<=13.03	Pass
		5200	/	/	-0.64	-0.56	-0.34	-0.71	5.27	<=13.03	Pass
		5240	/	/	-0.52	-0.13	0.02	-0.07	5.73	<=13.03	Pass
802.11n (HT20)	MIMO	5180	/	/	-0.02	-0.26	0.25	-0.19	5.70	<=13.03	Pass
		5200	/	/	-0.81	-0.14	-0.19	-0.52	5.20	<=13.03	Pass
		5240	/	/	-1.42	-1.12	-0.75	-0.76	4.61	<=13.03	Pass
802.11n (HT40)	MIMO	5190	/	/	-3.35	-3.35	-2.69	-2.86	2.42	<=13.03	Pass
		5230	/	/	-2.46	-1.73	-1.88	-1.53	3.72	<=13.03	Pass
802.11ac (VHT20)	MIMO	5180	/	/	-0.91	-1.74	-0.42	-0.89	4.75	<=13.03	Pass
		5200	/	/	-1.44	-1.71	-1.13	-1.01	4.41	<=13.03	Pass
		5240	/	/	-1.20	-0.76	-0.79	-0.35	4.98	<=13.03	Pass
802.11ac (VHT40)	MIMO	5190	/	/	-3.13	-3.15	-2.70	-2.62	2.50	<=13.03	Pass
		5230	/	/	-2.58	-1.93	-2.58	-1.35	3.58	<=13.03	Pass
802.11ac (VHT80)	MIMO	5210	/	/	-5.10	-4.56	-5.25	-4.12	0.99	<=13.03	Pass
802.11ax (HEW20)	MIMO	5180	RU52	Left	-2.45	0.23	-0.91	-2.65	4.62	<=13.03	Pass
			RU242	Left	-1.55	-2.05	-1.03	-1.78	4.07	<=13.03	Pass
		5200	RU52	Mid	-1.98	0.32	-1.18	-2.40	4.61	<=13.03	Pass
			RU242	Left	-2.07	-2.37	-1.59	-1.68	3.69	<=13.03	Pass
		5240	RU52	Right	-0.64	0.74	-0.09	-0.36	5.79	<=13.03	Pass
			RU242	Left	-2.09	-1.05	-1.72	-1.64	3.97	<=13.03	Pass
802.11ax (HEW40)	MIMO	5190	RU52	Left	0.15	-0.89	0.22	-0.28	5.68	<=13.03	Pass
			RU484	Left	-4.34	-5.23	-4.35	-4.53	1.28	<=13.03	Pass
		5230	RU52	Right	-0.43	-0.73	0.03	0.03	5.49	<=13.03	Pass
			RU484	Left	-4.17	-3.97	-3.48	-2.80	2.04	<=13.03	Pass
802.11ax (HEW80)	MIMO	5210	RU52	Mid	-1.44	-0.08	-1.68	-1.95	4.62	<=13.03	Pass
			RU996	Left	-5.09	-4.75	-4.45	-3.92	1.01	<=13.03	Pass
802.11be (EHT20)	MIMO	5180	RU52	Left	0.34	1.62	-0.52	-1.95	5.85	<=13.03	Pass
			RU52+26	Left	-1.23	-0.02	-2.37	-3.54	4.28	<=13.03	Pass
			RU242	Left	-0.51	0.18	-1.88	-2.78	4.69	<=13.03	Pass
		5200	RU52	Mid	-0.96	-0.32	1.45	0.19	6.09	<=13.03	Pass



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

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR230700233103

Page: 565 of 786

		5240	RU52+26	Mid	-2.09	-1.82	-0.06	-1.79	4.56	<=13.03	Pass
			RU242	Left	0.87	1.25	-0.20	-2.18	5.79	<=13.03	Pass
			RU52	Right	-0.32	0.40	-0.56	-1.01	5.64	<=13.03	Pass
			RU52+26	Right	-2.03	-1.30	-2.32	-2.72	3.92	<=13.03	Pass
			RU242	Left	-0.05	0.38	-0.47	-1.31	5.66	<=13.03	Pass
802.11be (EHT40)	MIMO	5190	RU52	Left	-0.72	-0.06	-1.94	-2.59	4.76	<=13.03	Pass
			RU52+26	Left	-2.45	-1.73	-3.65	-4.35	3.05	<=13.03	Pass
			RU484	Left	-0.02	-1.13	-1.22	-1.28	4.14	<=13.03	Pass
		5230	RU52	Right	-0.47	0.41	-0.69	-0.75	5.61	<=13.03	Pass
			RU52+26	Right	-2.00	-1.33	-2.33	-2.49	3.94	<=13.03	Pass
			RU484	Left	-1.30	-0.82	-1.84	-2.47	4.39	<=13.03	Pass
802.11be (EHT80)	MIMO	5210	RU52	Mid	-2.53	-2.20	-2.37	-3.19	3.42	<=13.03	Pass
			RU52+26	Mid	-2.25	-1.86	-2.09	-2.85	3.72	<=13.03	Pass
			RU996	Left	-3.99	-3.77	-5.02	-5.41	1.48	<=13.03	Pass



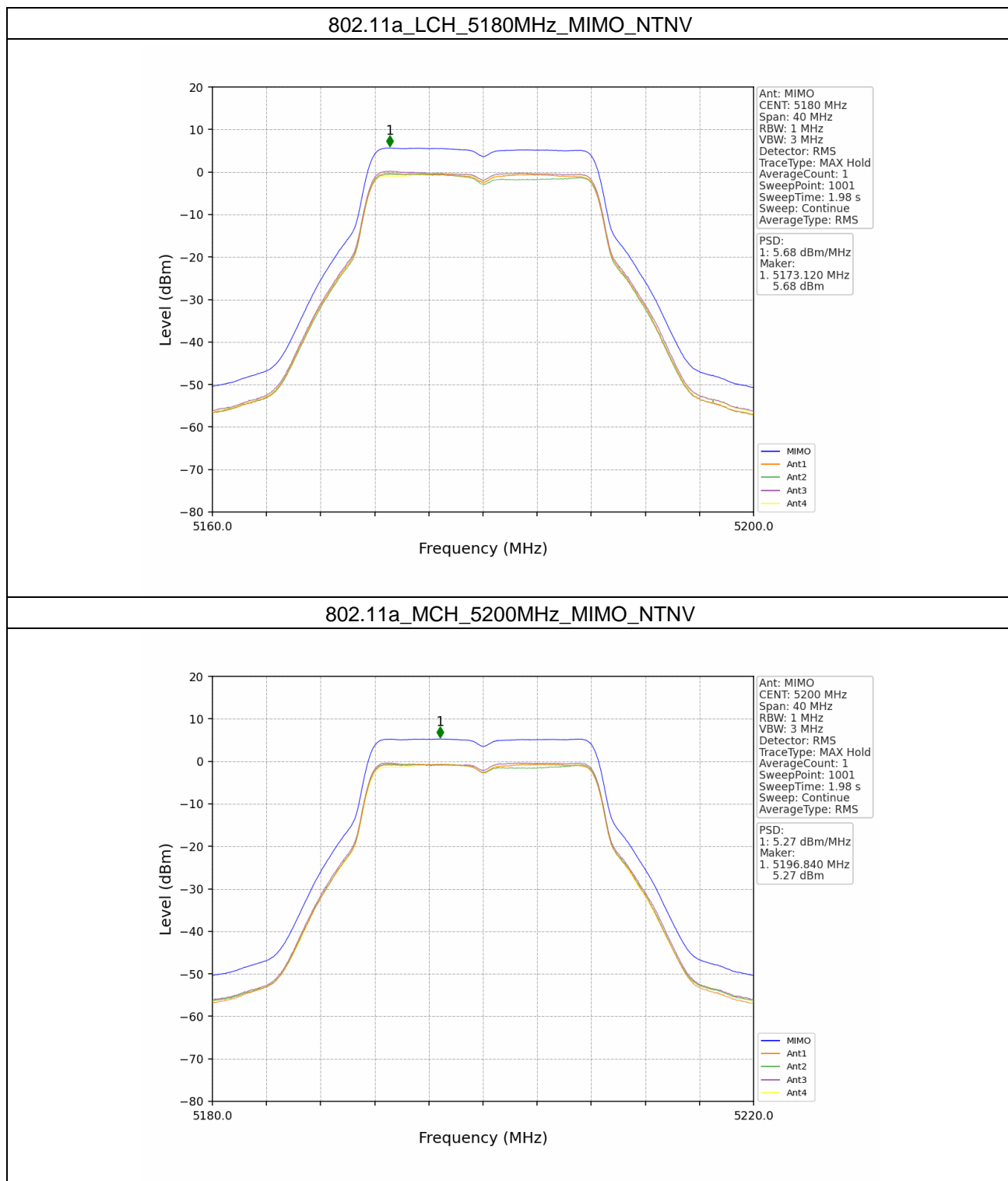
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### 4.1.2 Test Graph



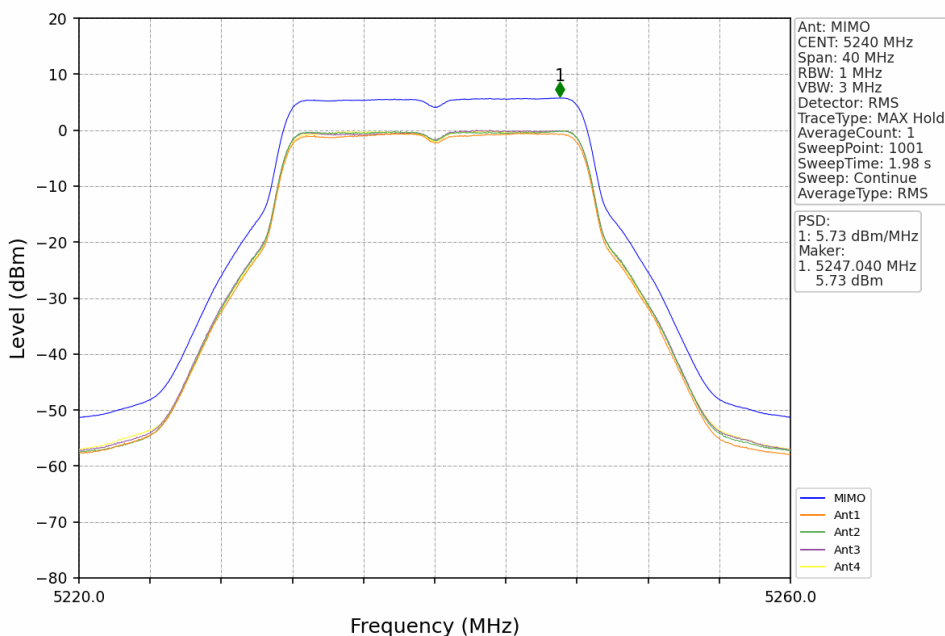
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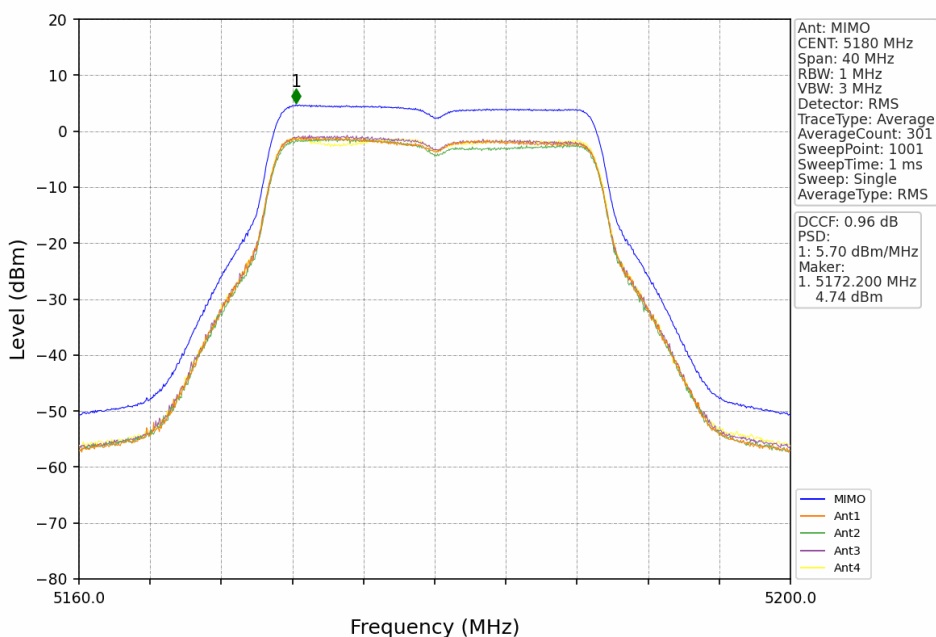
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### 802.11a\_HCH\_5240MHz\_MIMO\_NTNV



### 802.11n(HT20)\_LCH\_5180MHz\_MIMO\_NTNV



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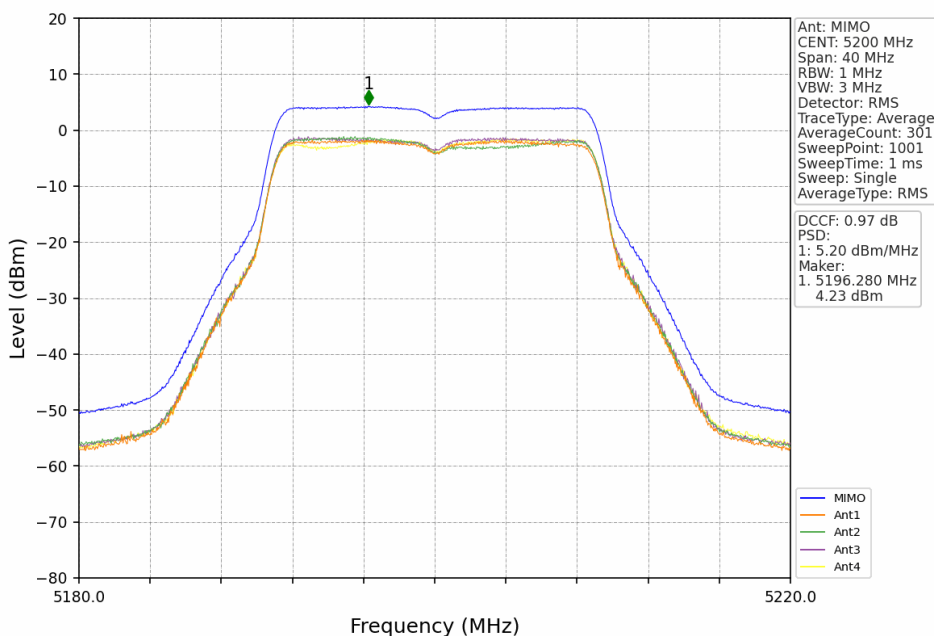
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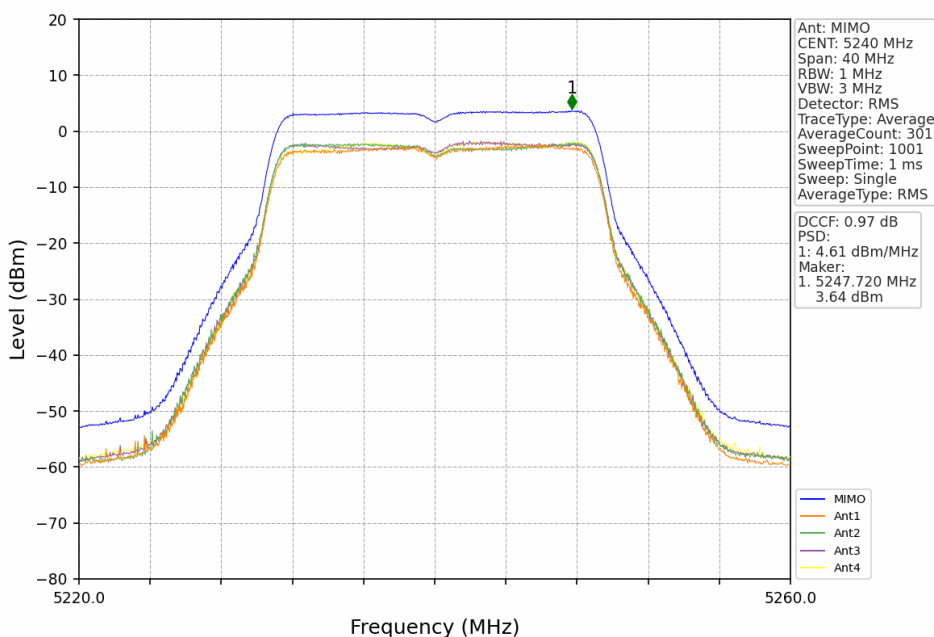
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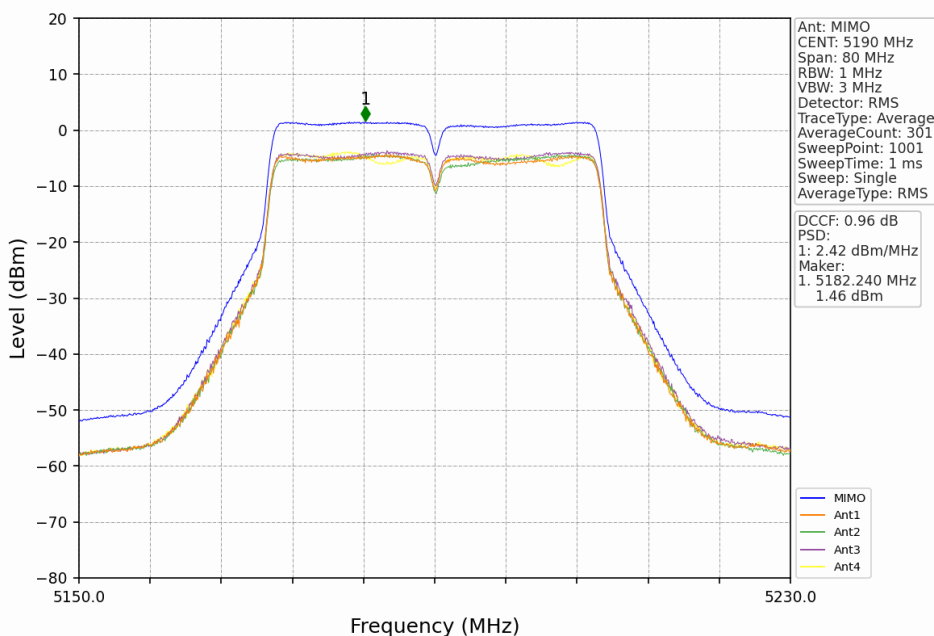
802.11n(HT20)\_MCH\_5200MHz\_MIMO\_NTNV



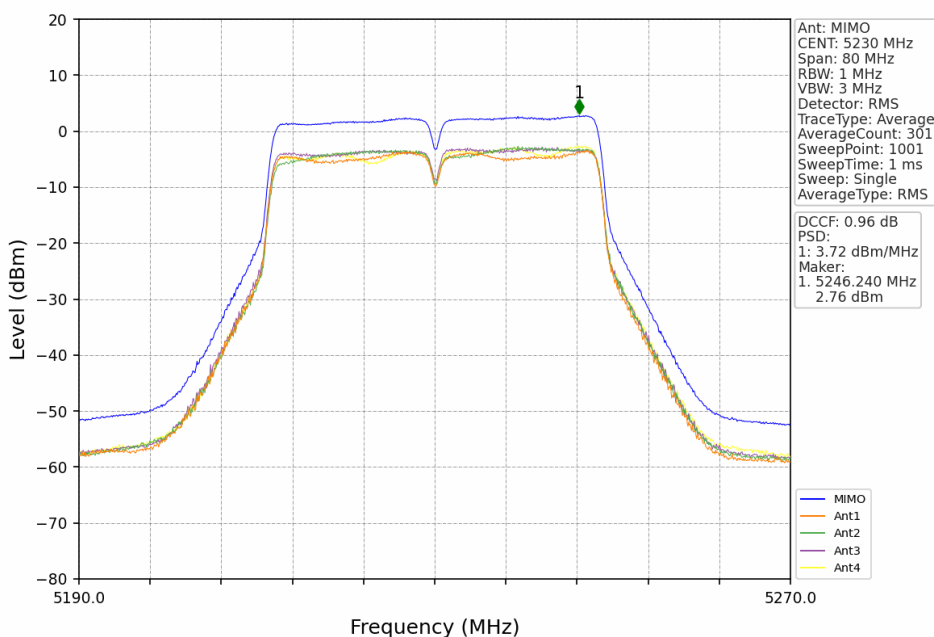
802.11n(HT20)\_HCH\_5240MHz\_MIMO\_NTNV



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



### 802.11n(HT40)\_HCH\_5230MHz\_MIMO\_NTNV



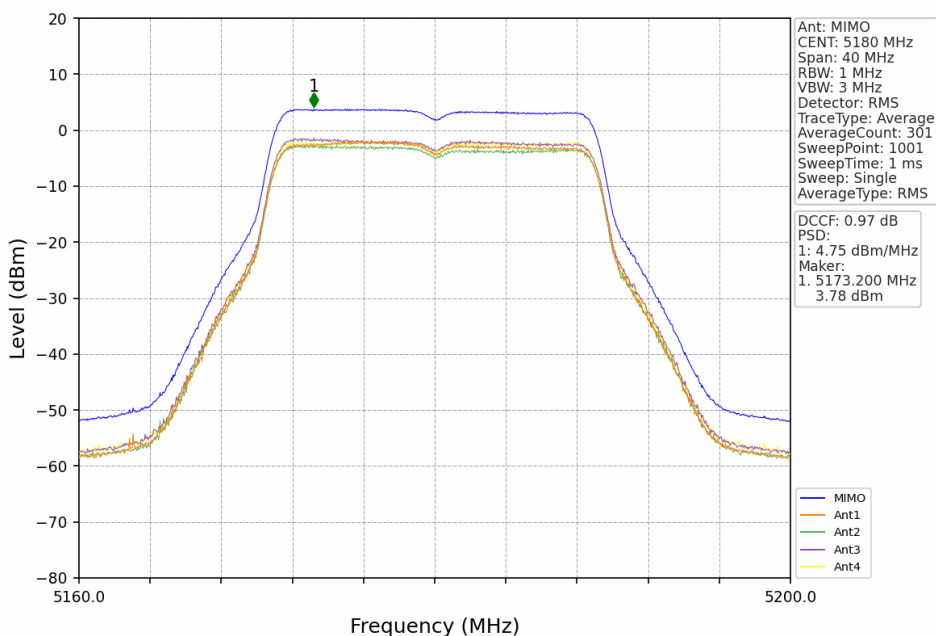
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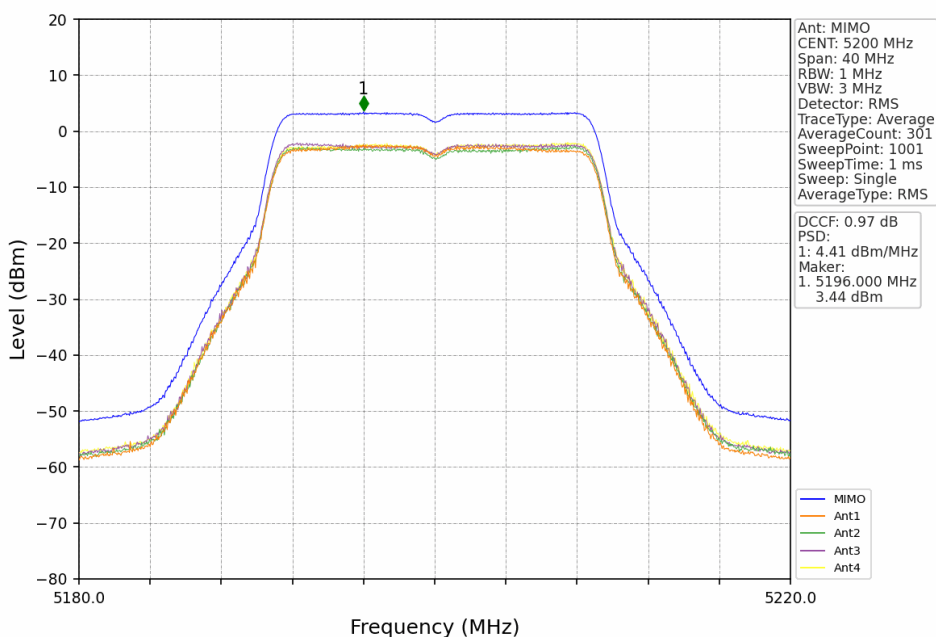
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### 802.11ac(VHT20)\_LCH\_5180MHz\_MIMO\_NTNV



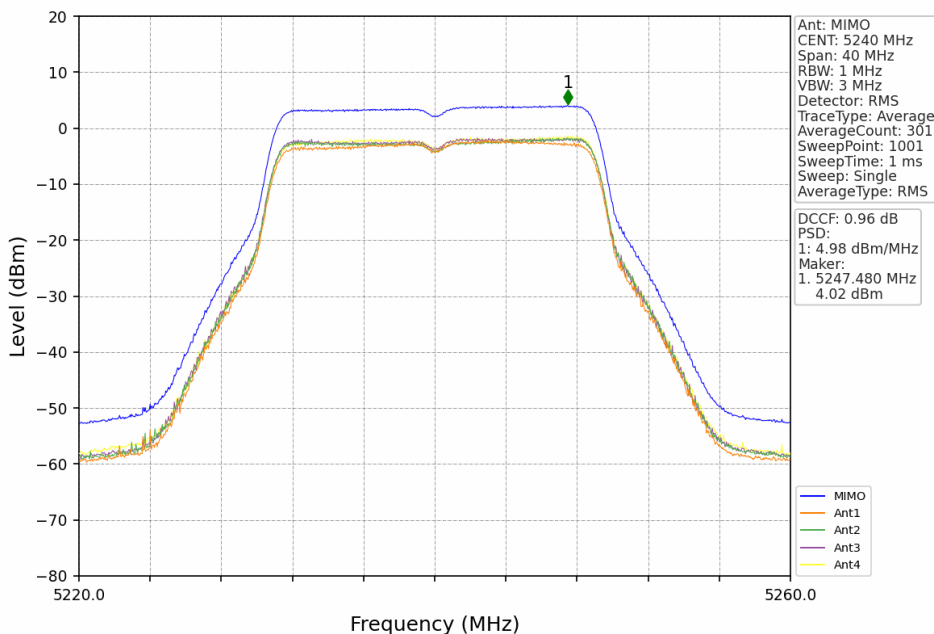
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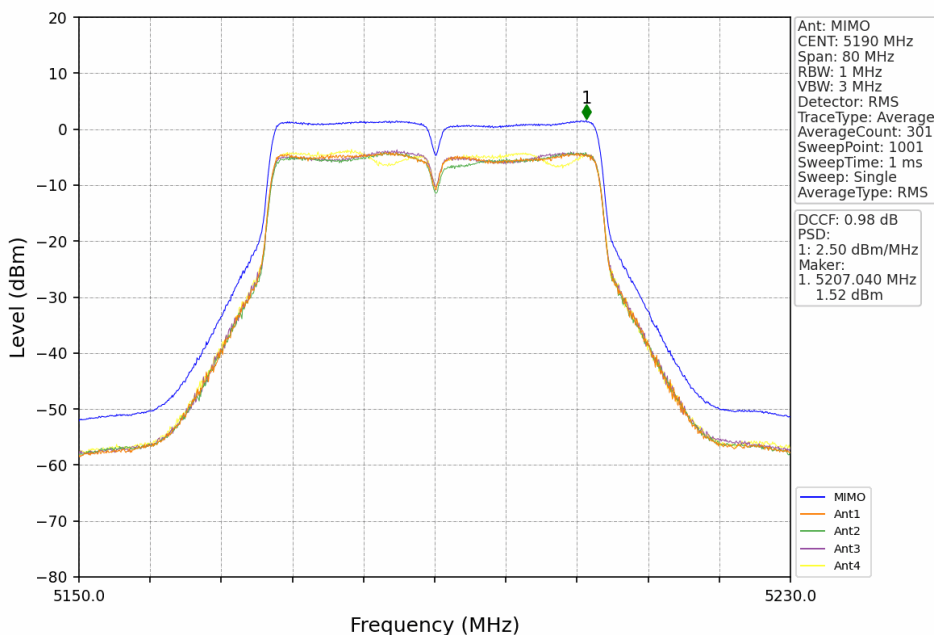
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### 802.11ac(VHT20)\_HCH\_5240MHz\_MIMO\_NTNV



### 802.11ac(VHT40)\_LCH\_5190MHz\_MIMO\_NTNV

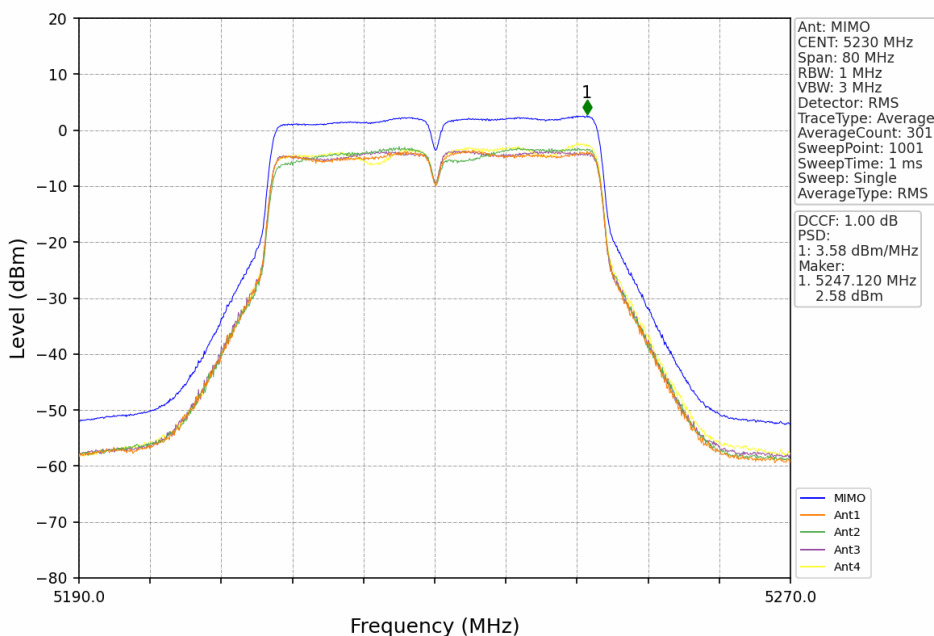


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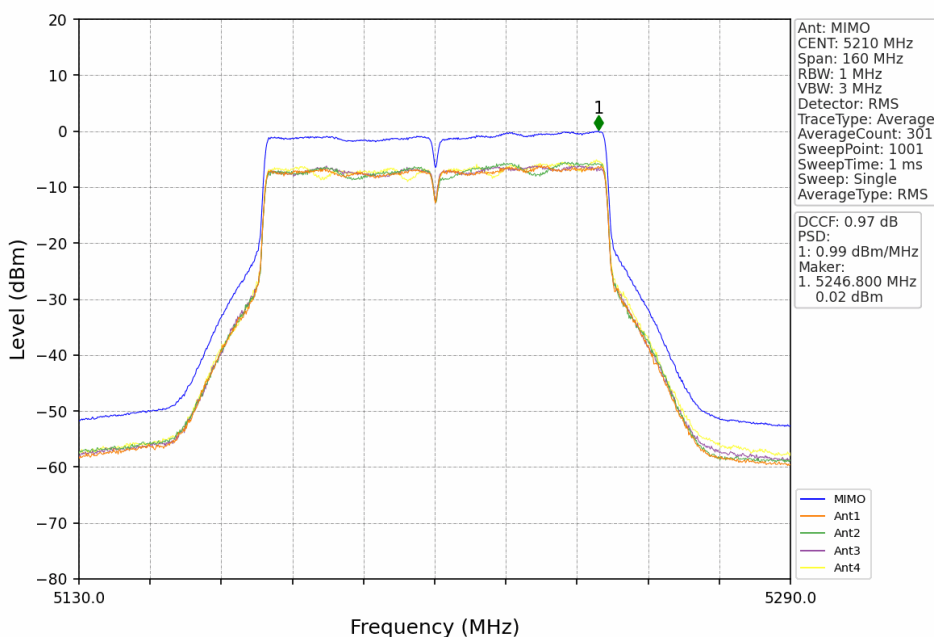
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### 802.11ac(VHT40)\_HCH\_5230MHz\_MIMO\_NTNV



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



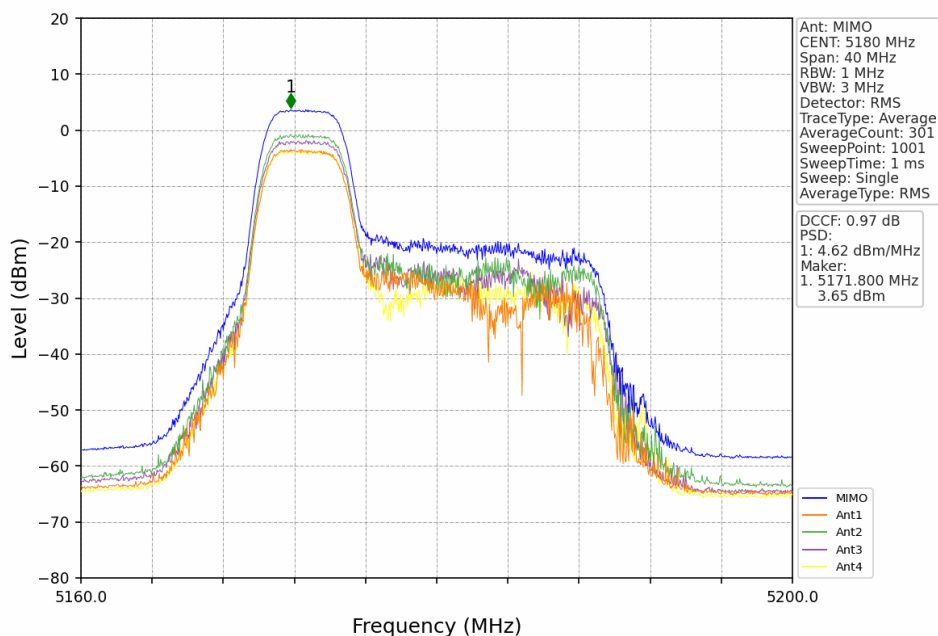
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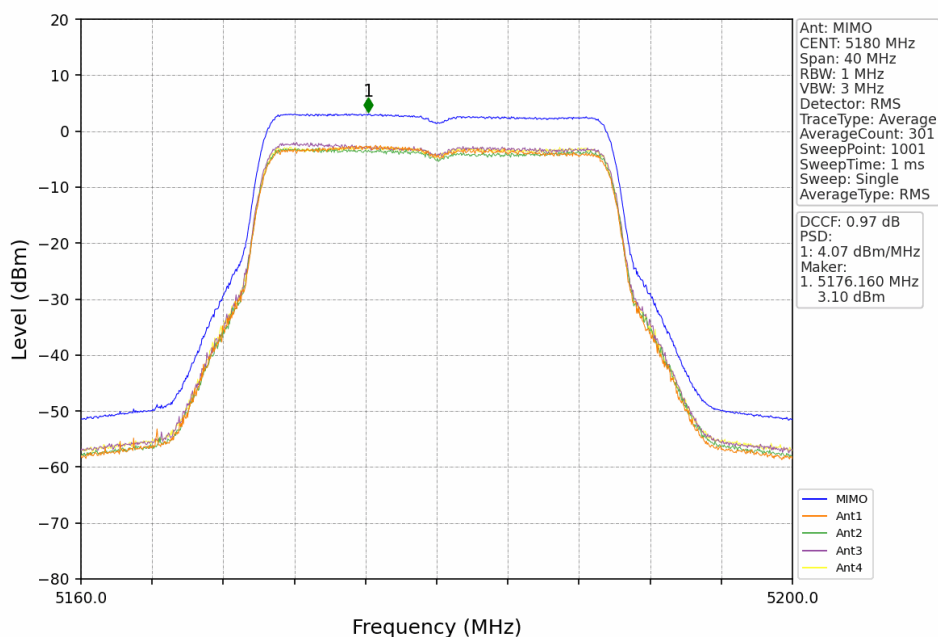
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802.11ax(HEW20)\_LCH\_5180MHz\_RU52\_Left\_MIMO\_NTNV



802.11ax(HEW20)\_LCH\_5180MHz\_RU242\_Left\_MIMO\_NTNV



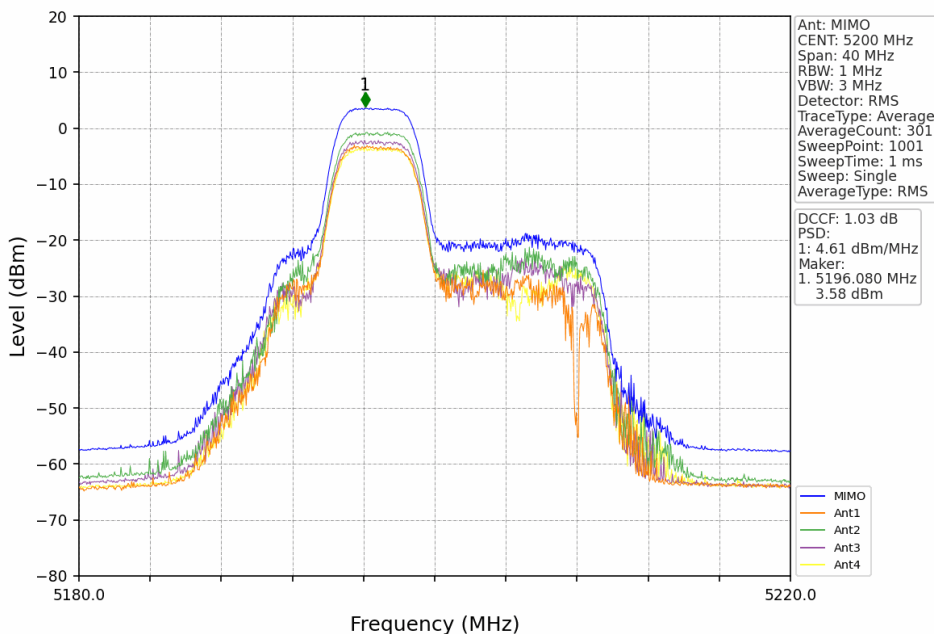
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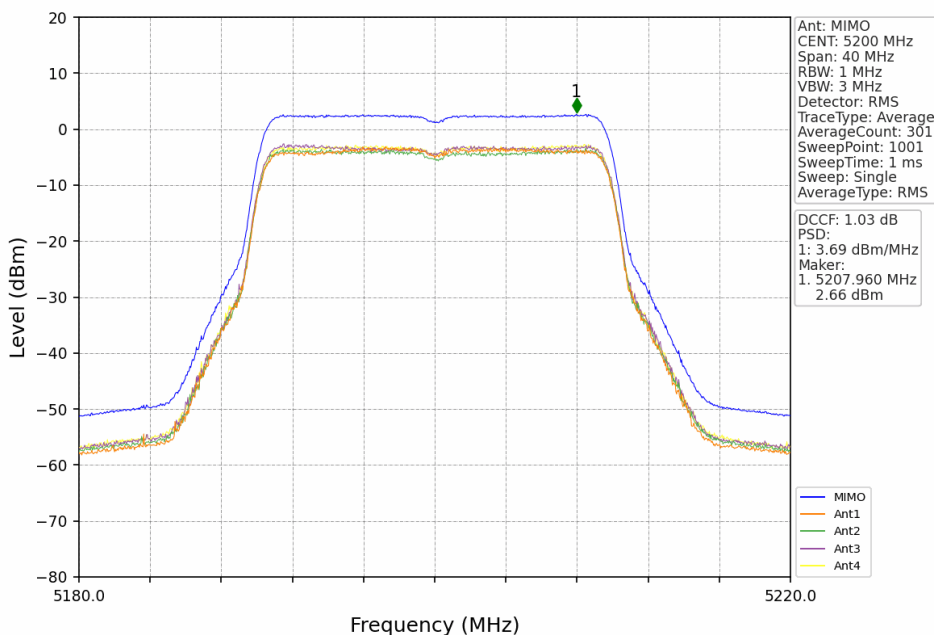
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802.11ax(HEW20)\_MCH\_5200MHz\_RU52\_Mid\_MIMO\_NTNV



802.11ax(HEW20)\_MCH\_5200MHz\_RU242\_Left\_MIMO\_NTNV



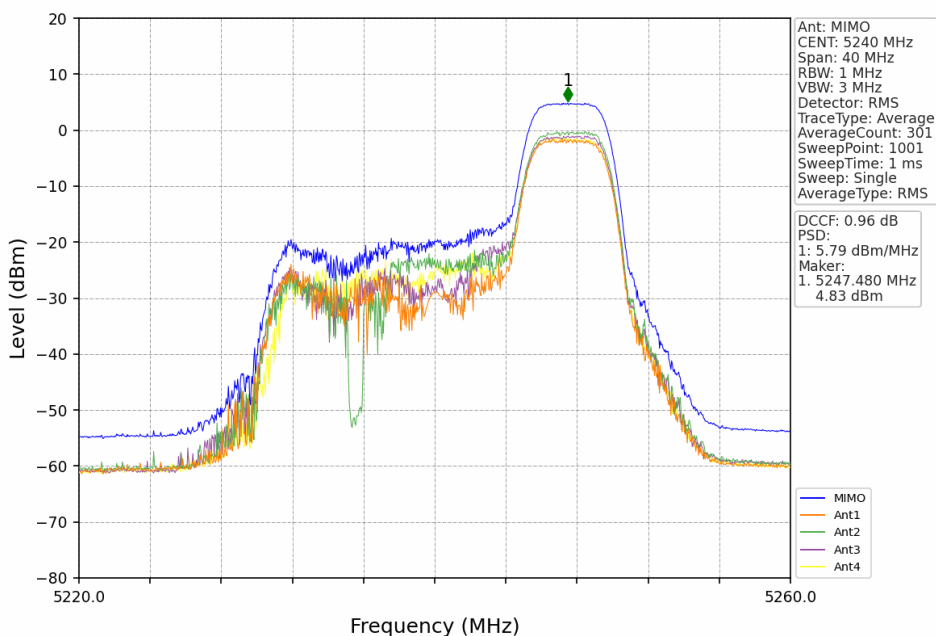
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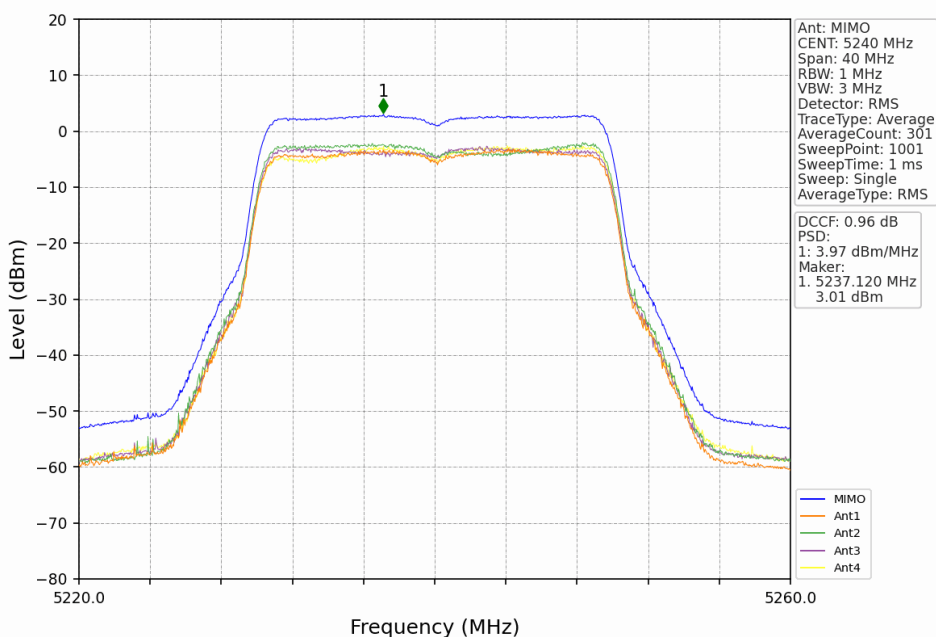
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802.11ax(HEW20)\_HCH\_5240MHz\_RU52\_Right\_MIMO\_NTNV



802.11ax(HEW20)\_HCH\_5240MHz\_RU242\_Left\_MIMO\_NTNV

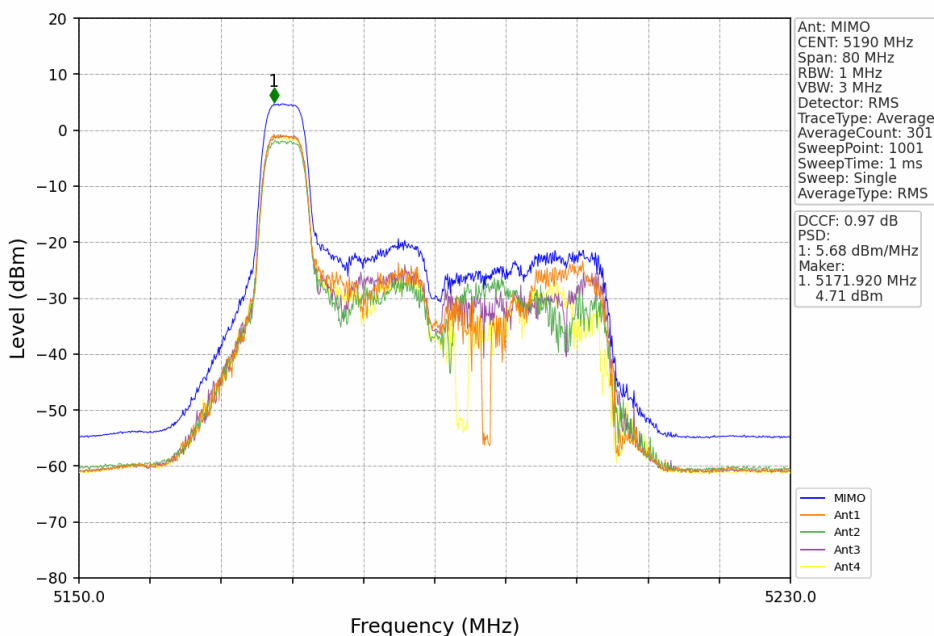


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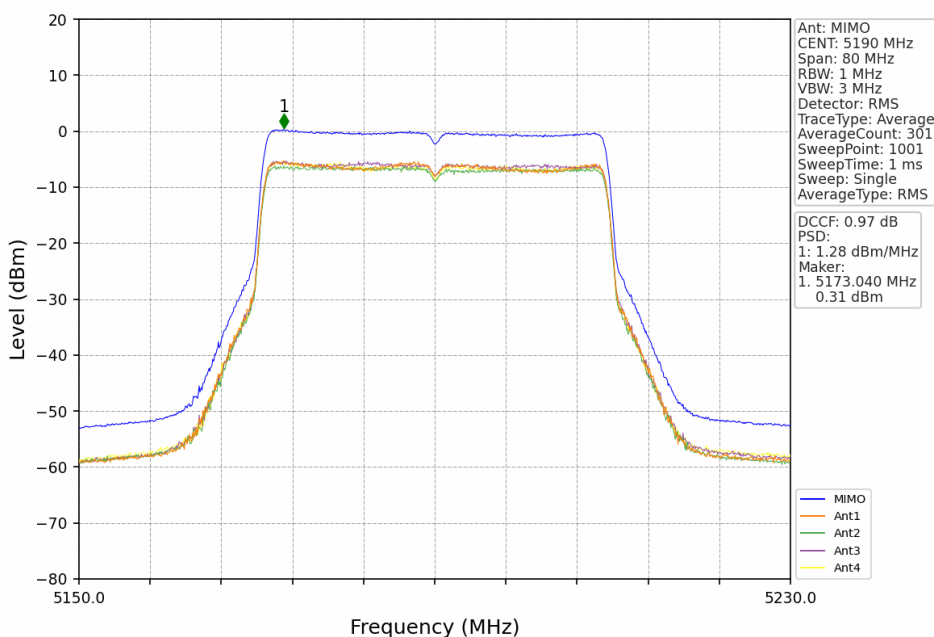
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802.11ax(HEW40)\_LCH\_5190MHz\_RU52\_Left\_MIMO\_NTNV



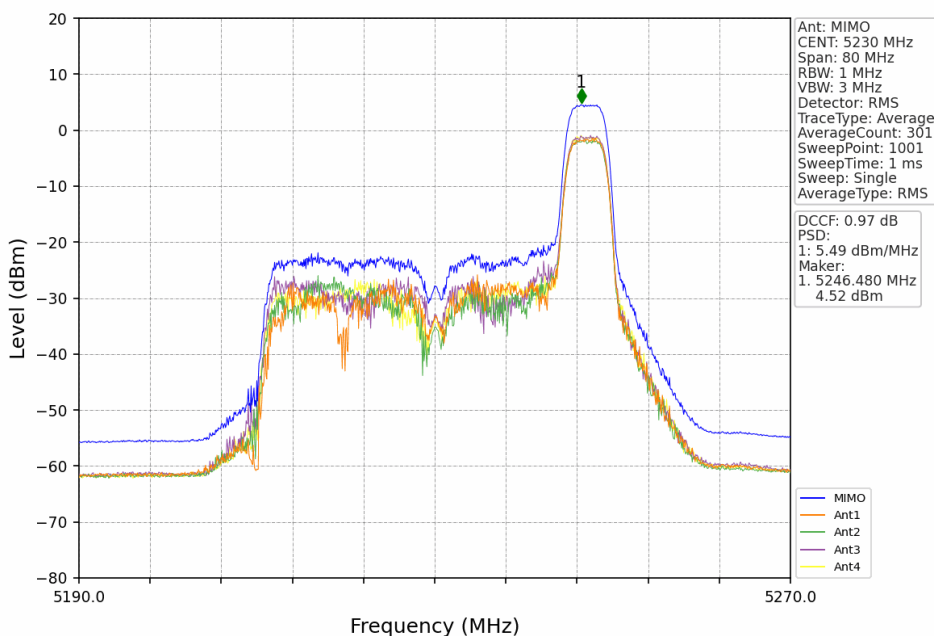
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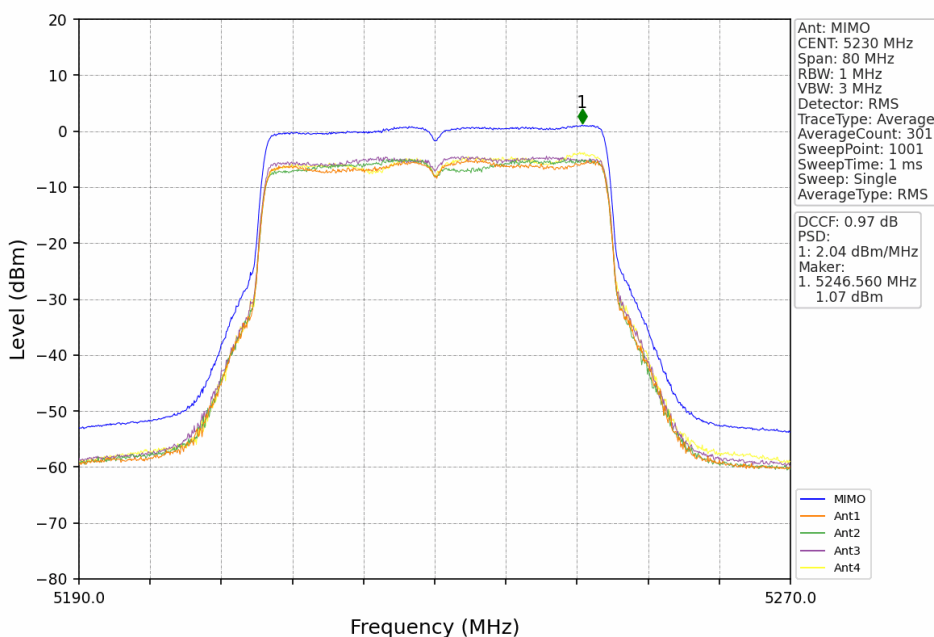
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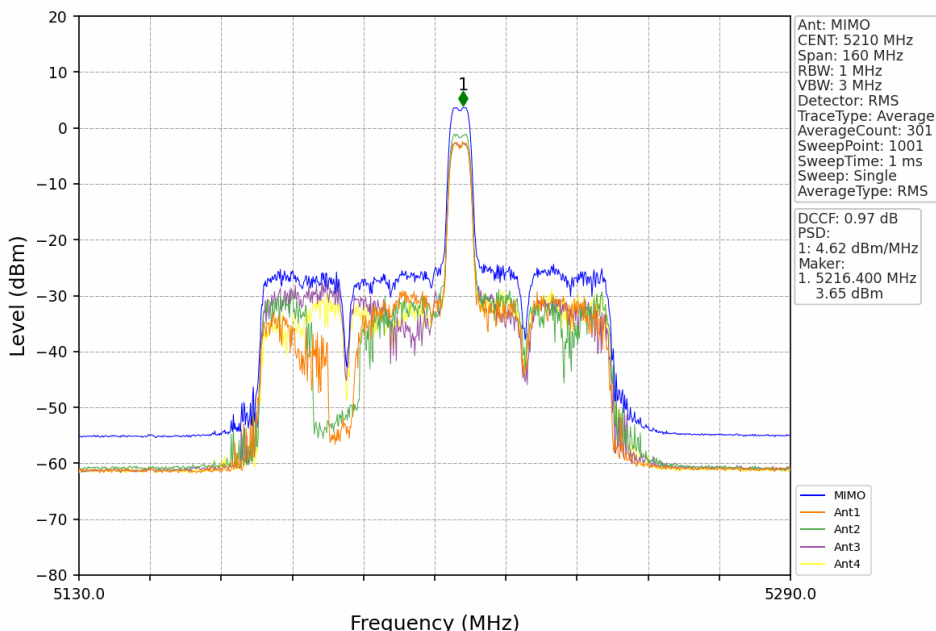
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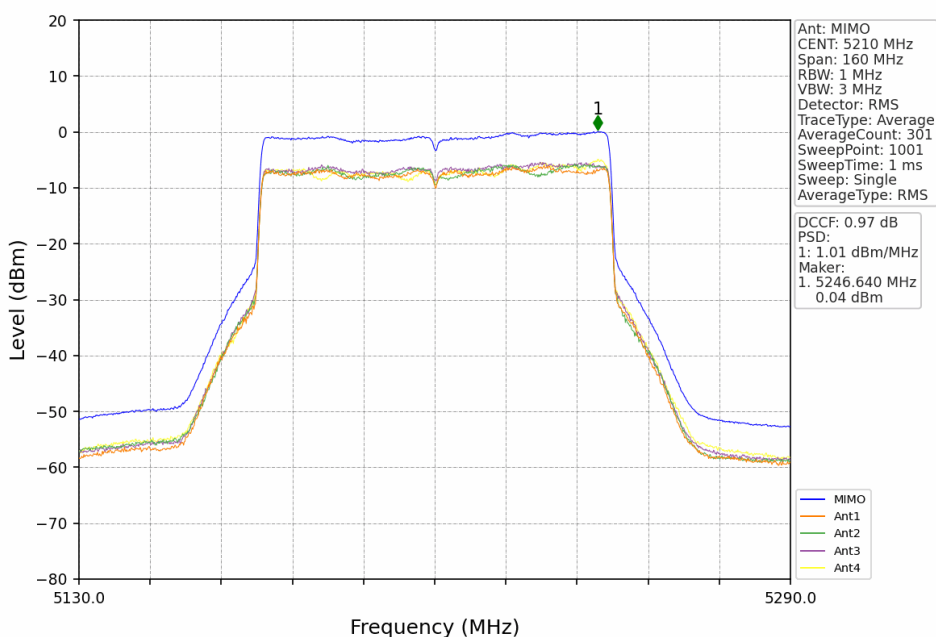
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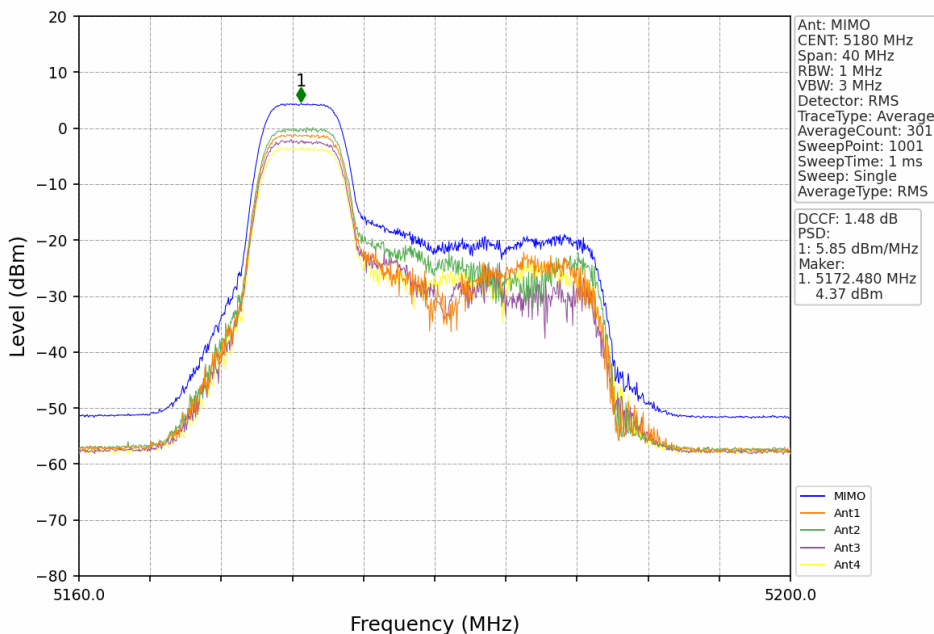
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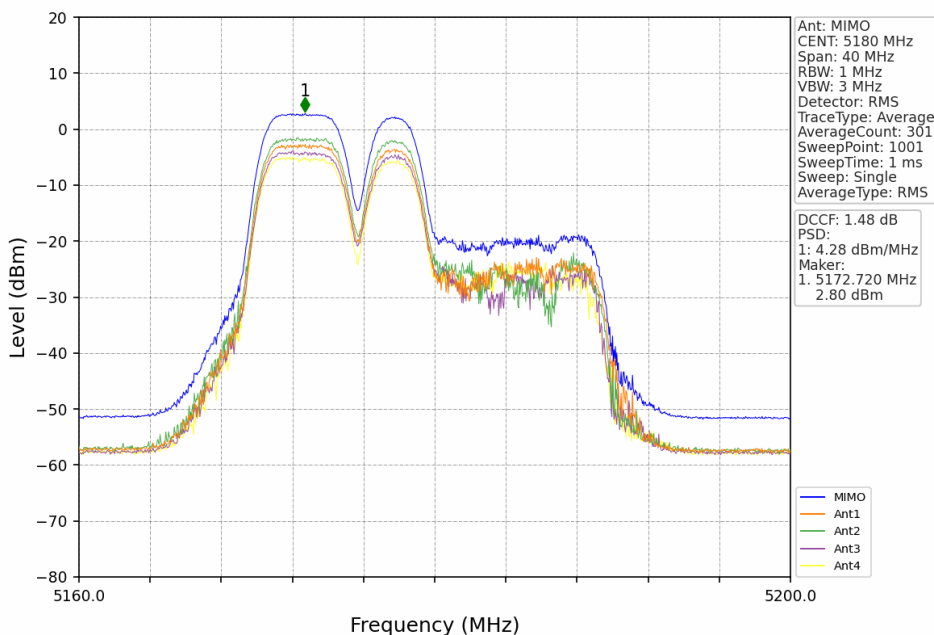
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802.11be(EHT20)\_LCH\_5180MHz\_RU52\_Left\_MIMO\_NTNV

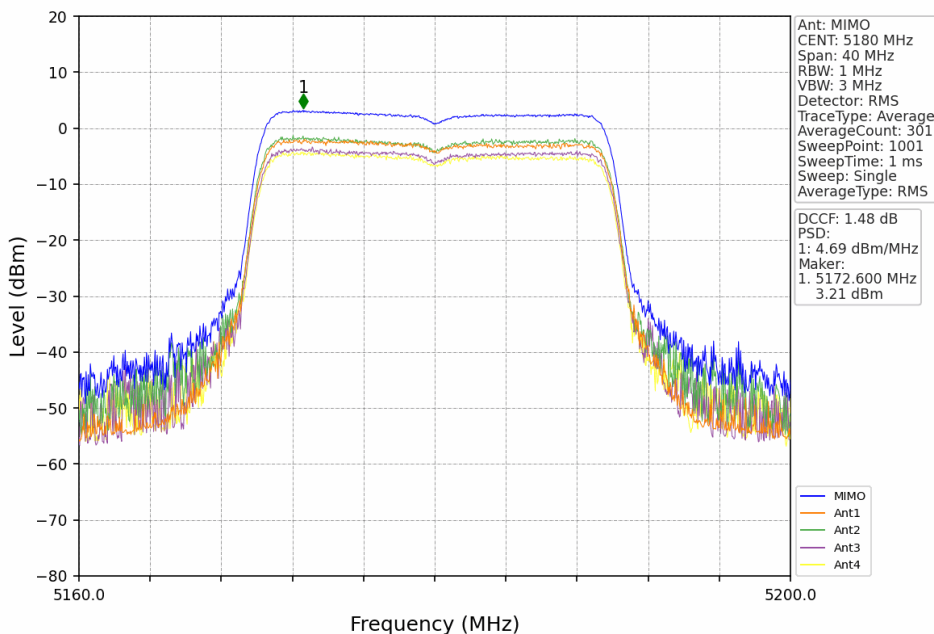


802.11be(EHT20)\_LCH\_5180MHz\_RU52+26\_Left\_MIMO\_NTNV

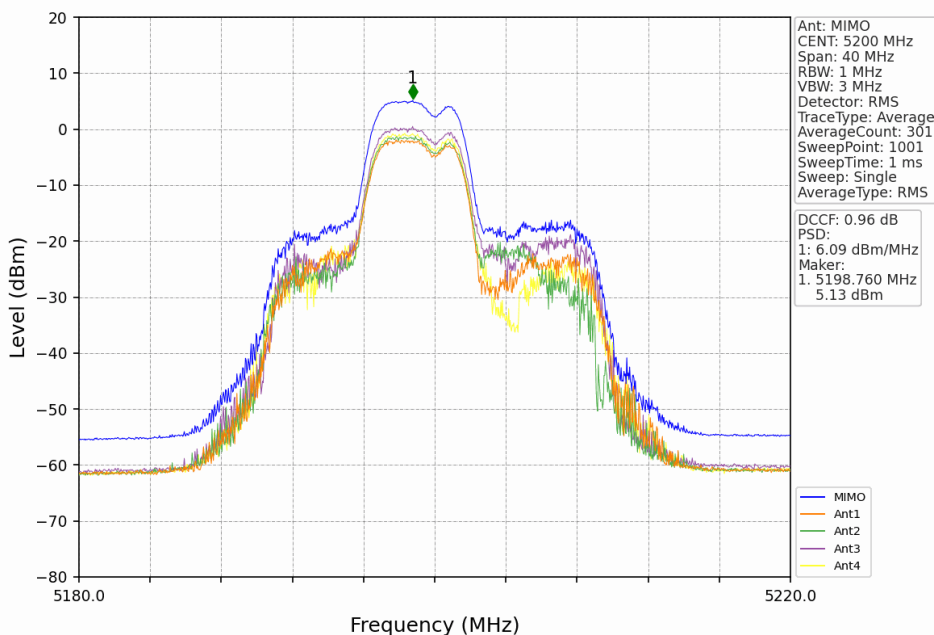




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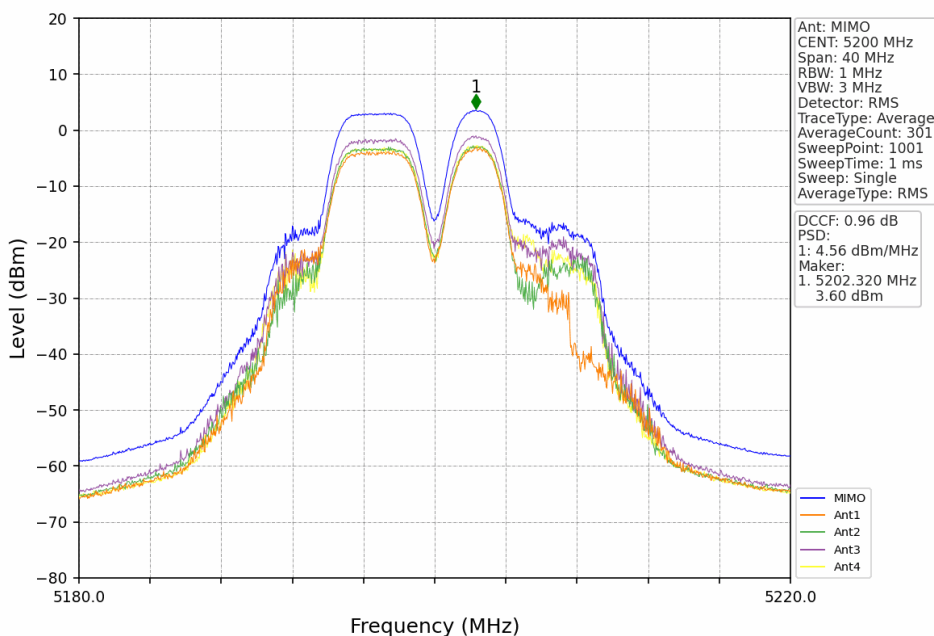
802.11be(EHT20)\_MCH\_5200MHz\_RU52\_Mid\_MIMO\_NTNV



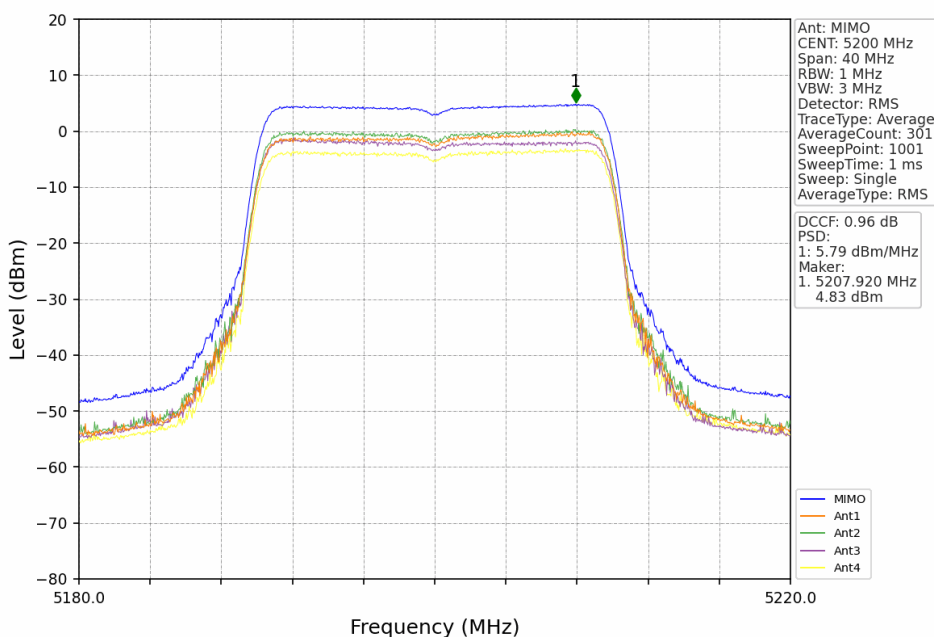
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### 802.11be(EHT20)\_MCH\_5200MHz\_RU52+26\_Mid\_MIMO\_NTNV



### 802.11be(EHT20)\_MCH\_5200MHz\_RU242\_Left\_MIMO\_NTNV



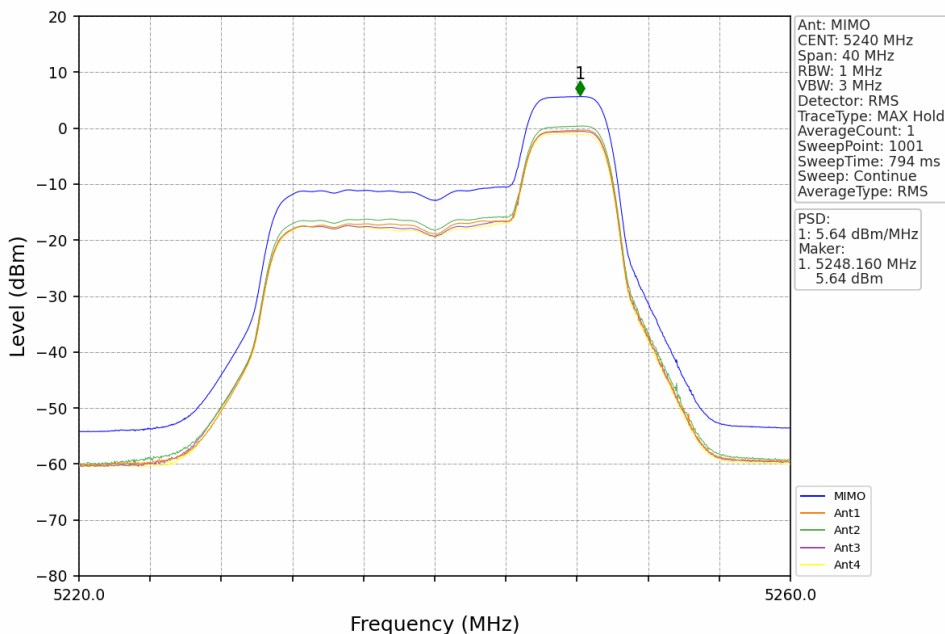
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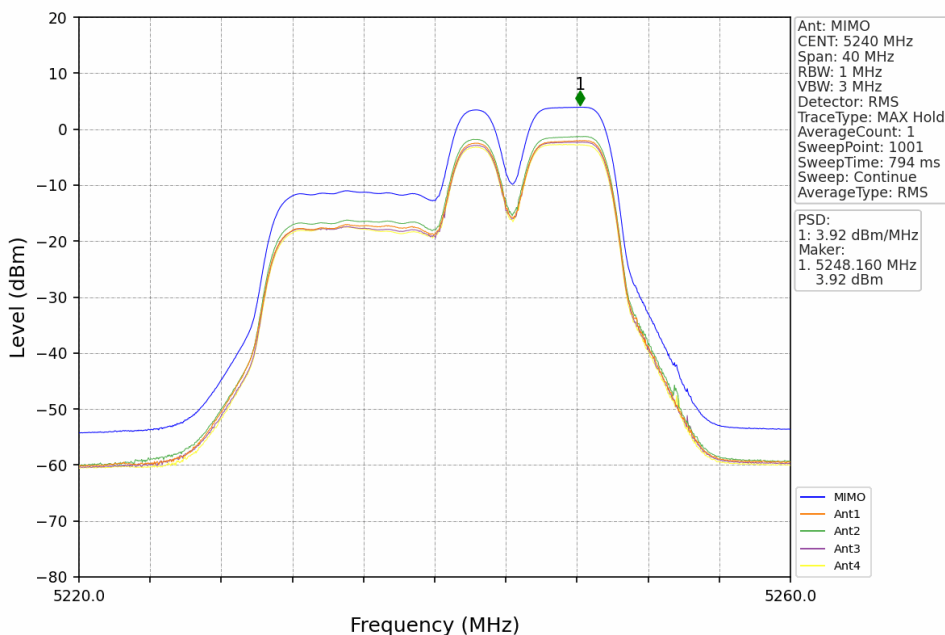
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802.11be(EHT20)\_HCH\_5240MHz\_RU52\_Right\_MIMO\_NTNV



802.11be(EHT20)\_HCH\_5240MHz\_RU52+26\_Right\_MIMO\_NTNV



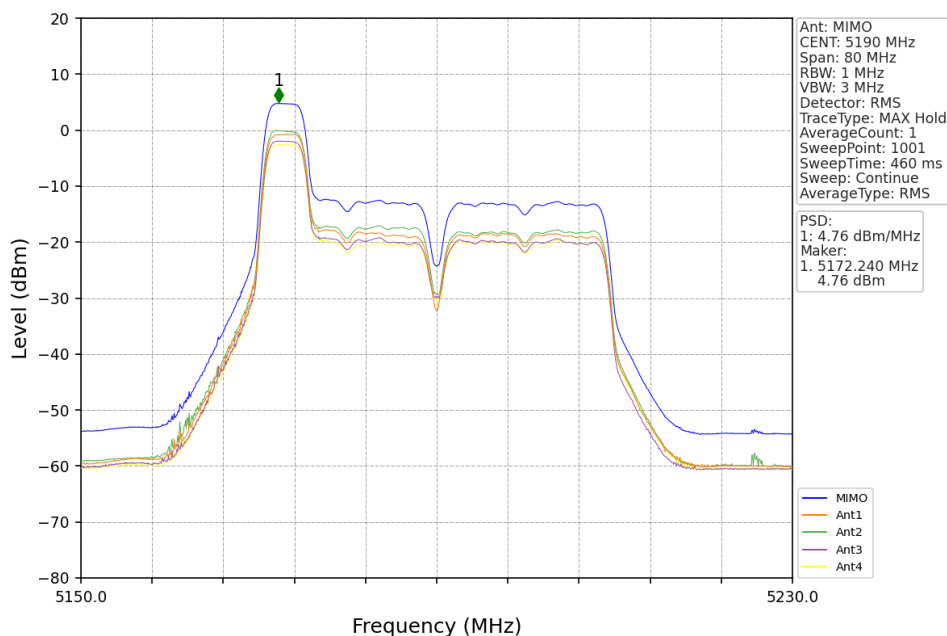
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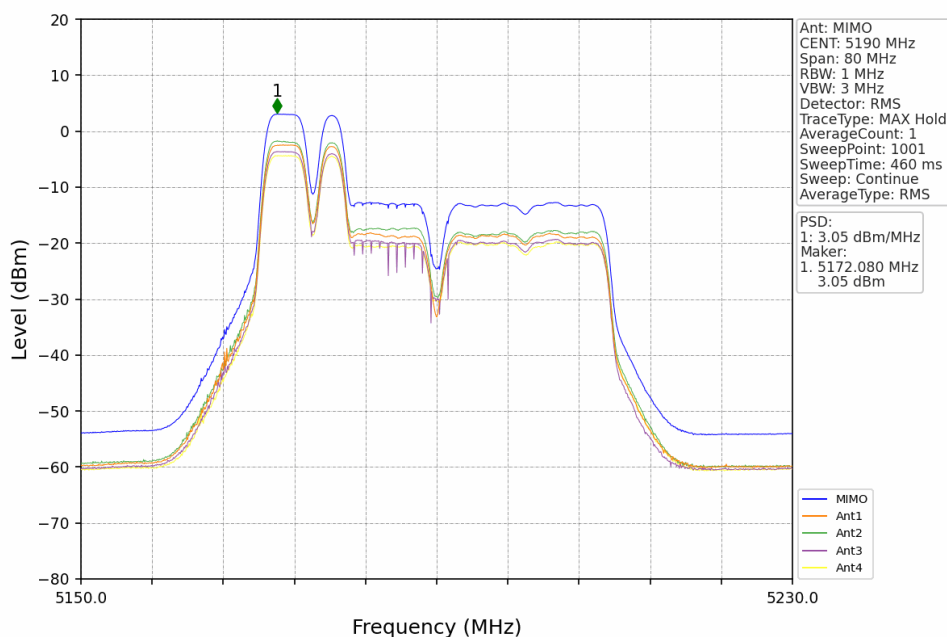
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### 802.11be(EHT40)\_LCH\_5190MHz\_RU52\_Left\_MIMO\_NTNV



### 802.11be(EHT40)\_LCH\_5190MHz\_RU52+26\_Left\_MIMO\_NTNV



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