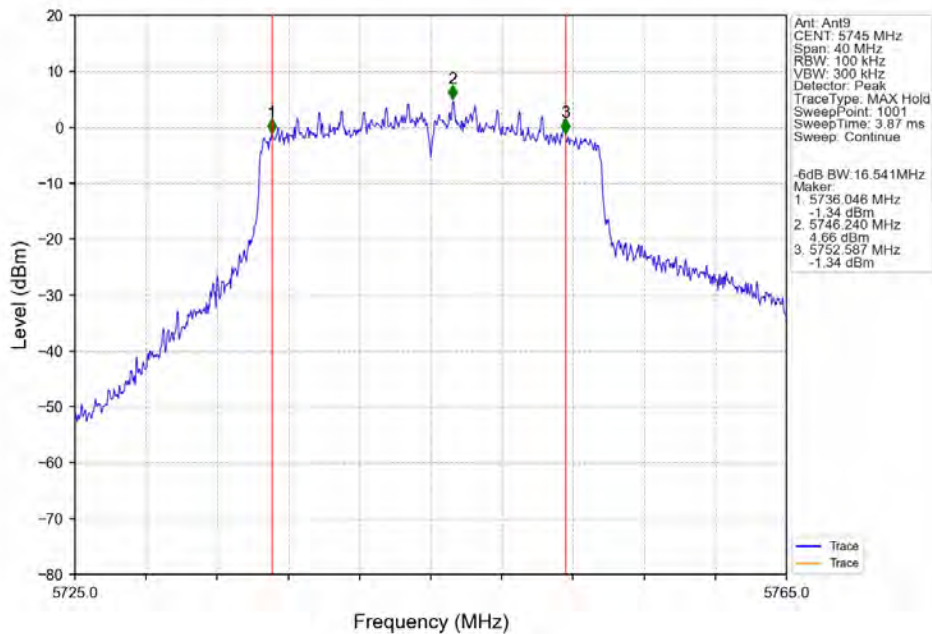
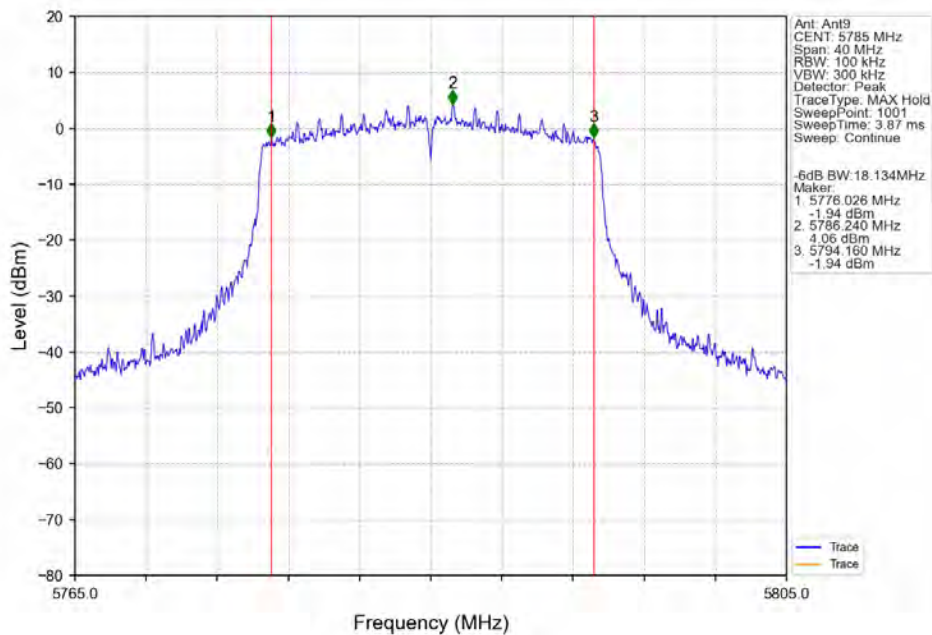


802.11ax(HEW20)_LCH_5745MHz_RU242_Left_Ant9_NTNV



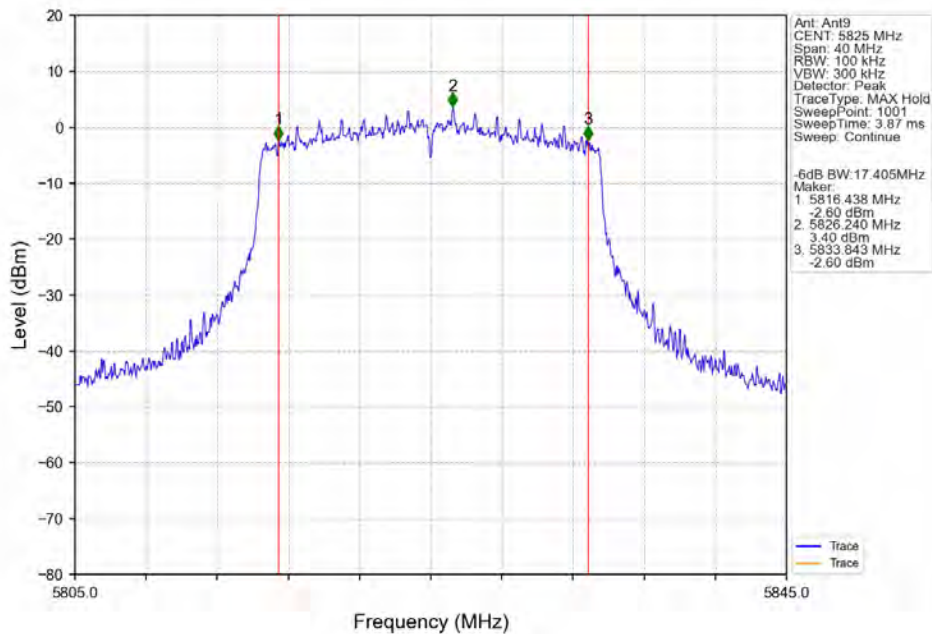
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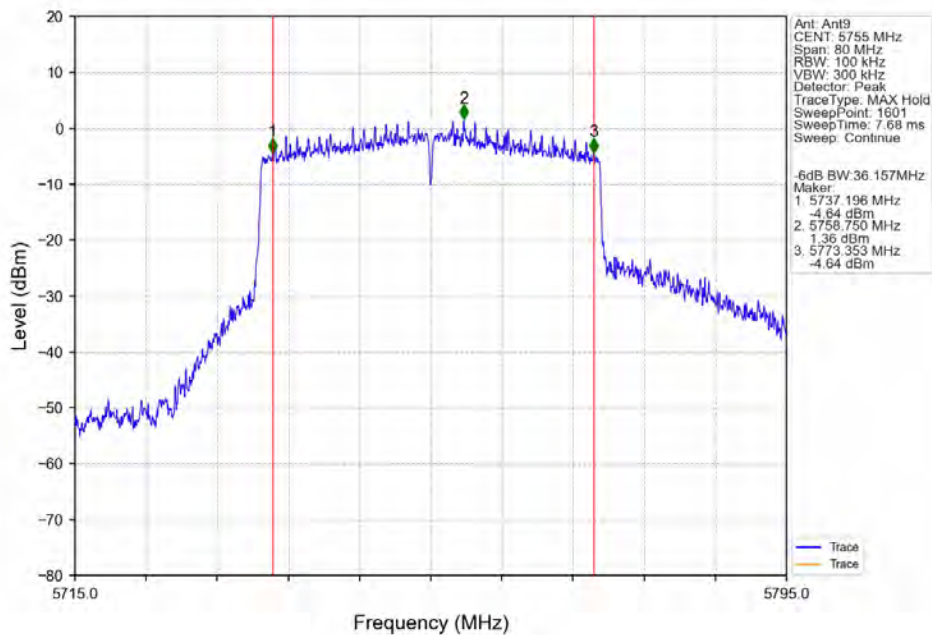
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802.11ax(HEW20)_HCH_5825MHz_RU242_Left_Ant9_NTNV



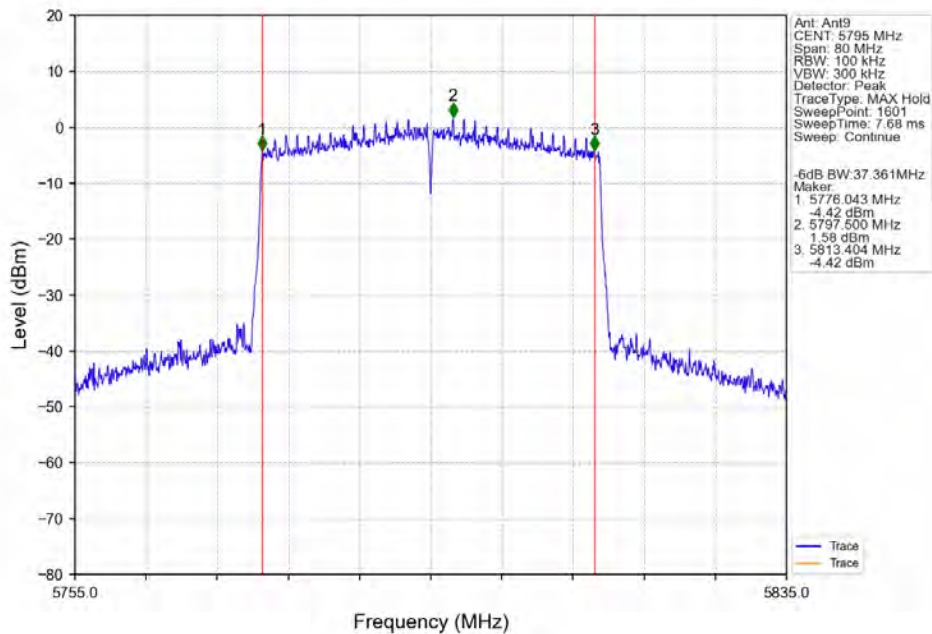
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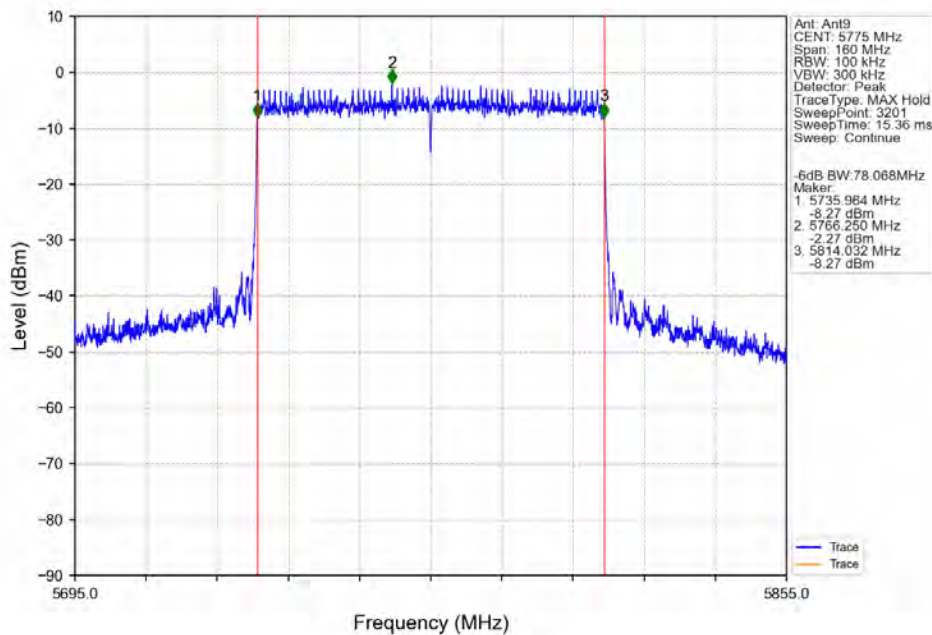
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802.11ax(HEW40)_HCH_5795MHz_RU484_Left_Ant9_NTNV

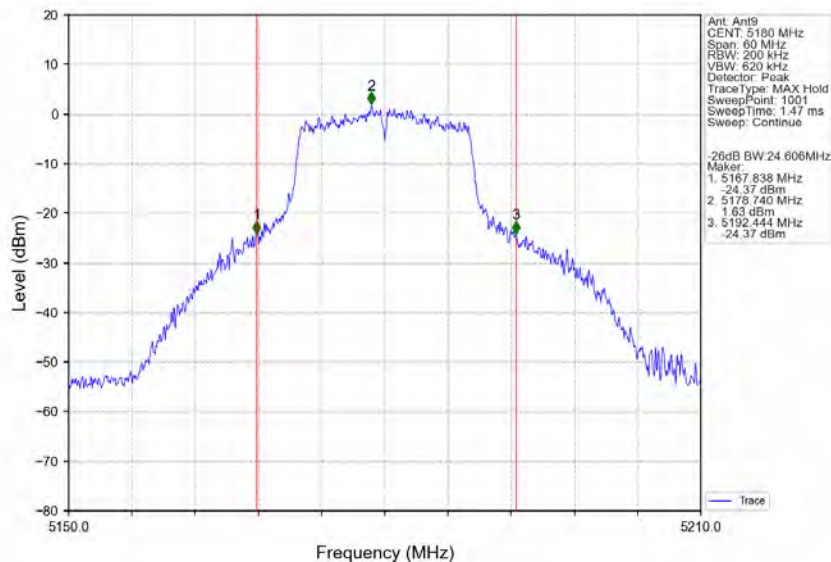


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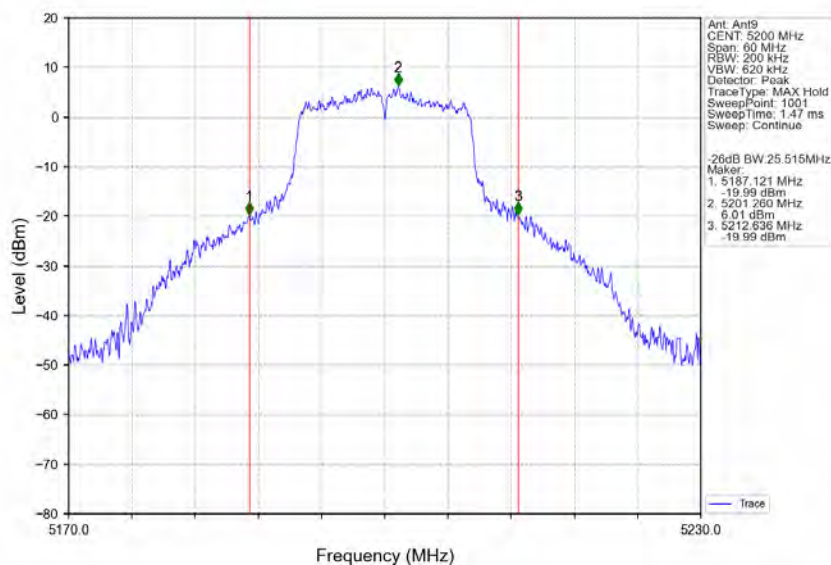


2.2.3 26dB BW

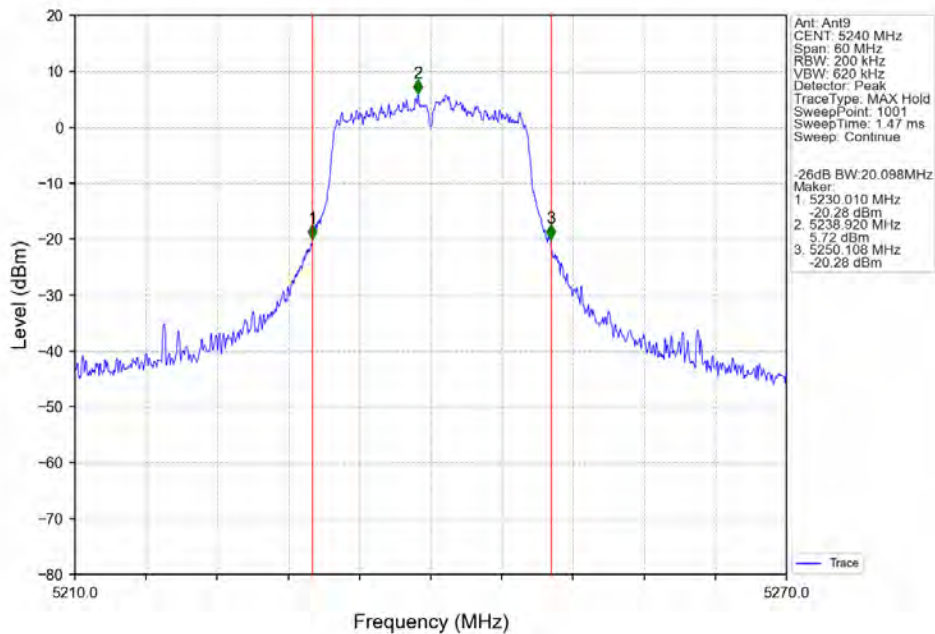
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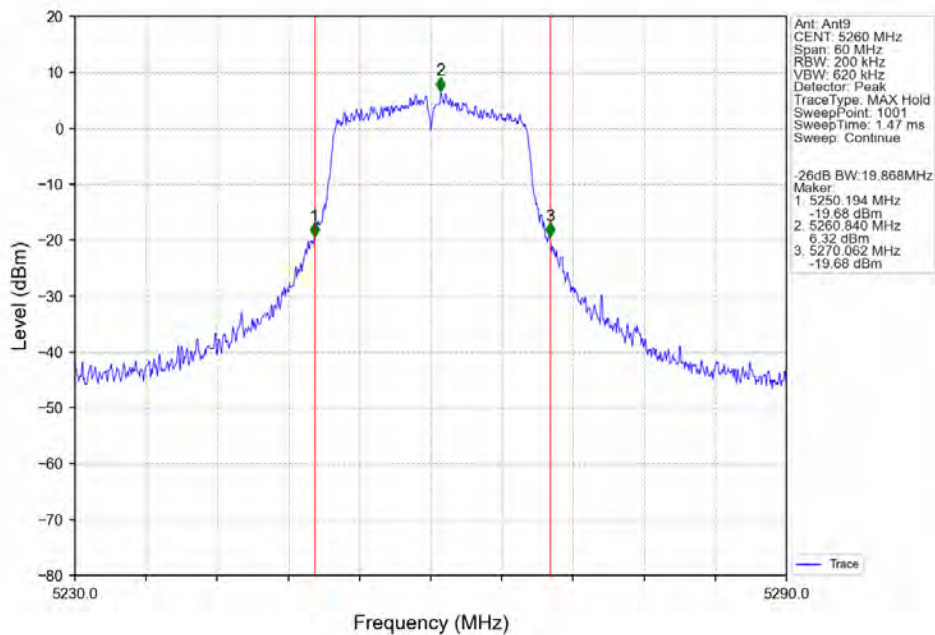
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802.11a_HCH_5240MHz_Ant9_NTNV



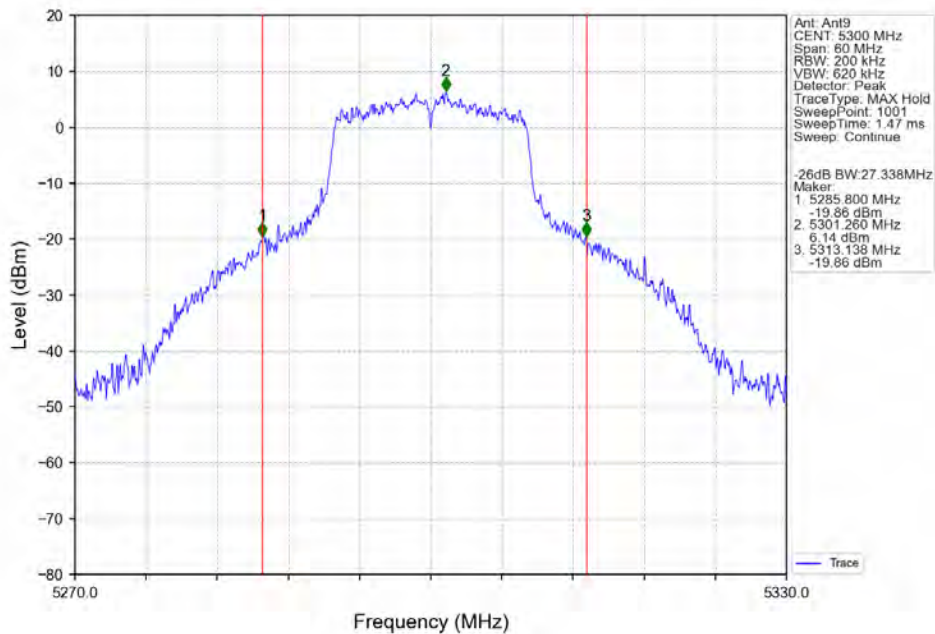
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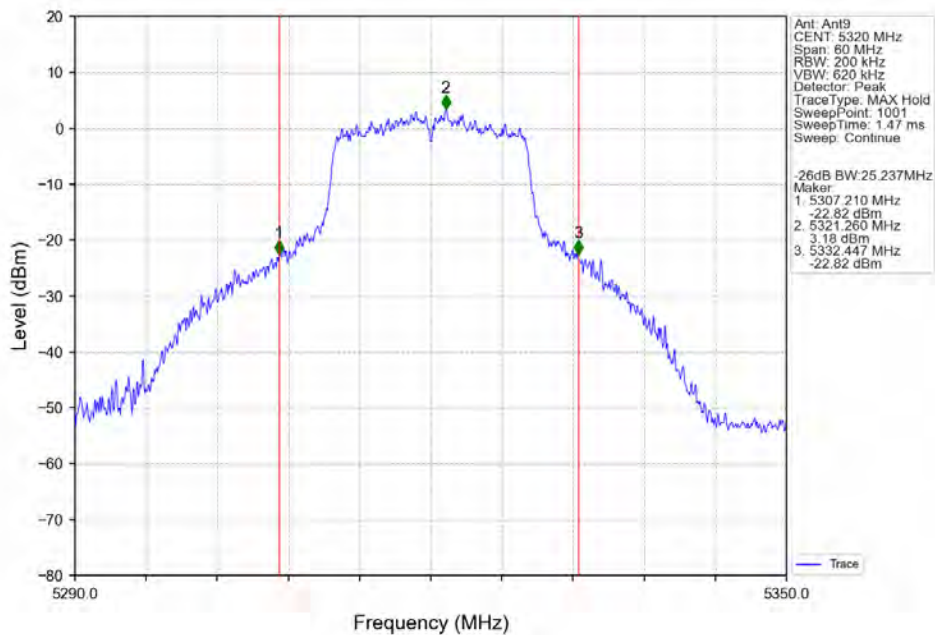
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802.11a_MCH_5300MHz_Ant9_NTNV



802.11a_HCH_5320MHz_Ant9_NTNV



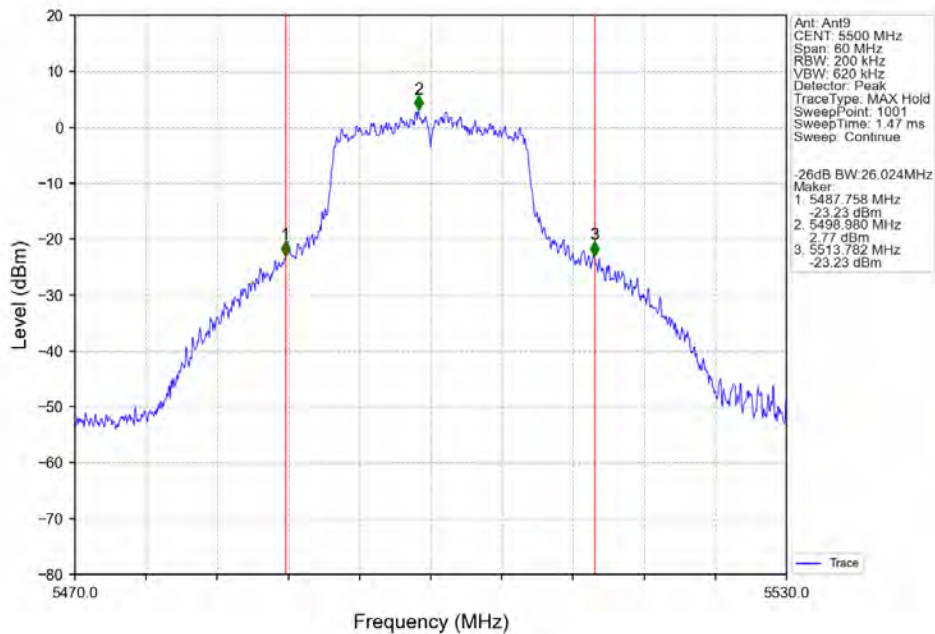
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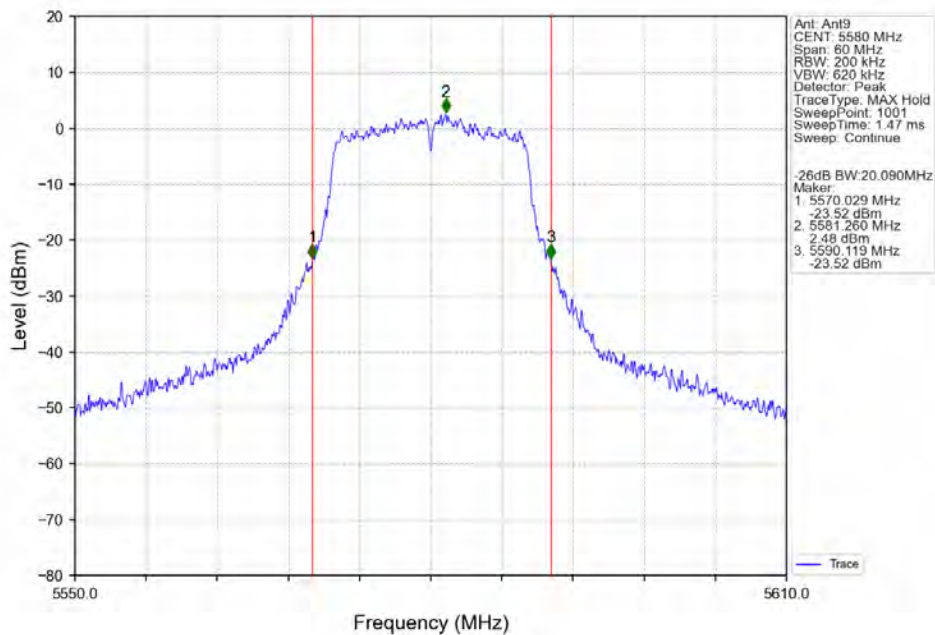
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802.11a_LCH_5500MHz_Ant9_NTNV



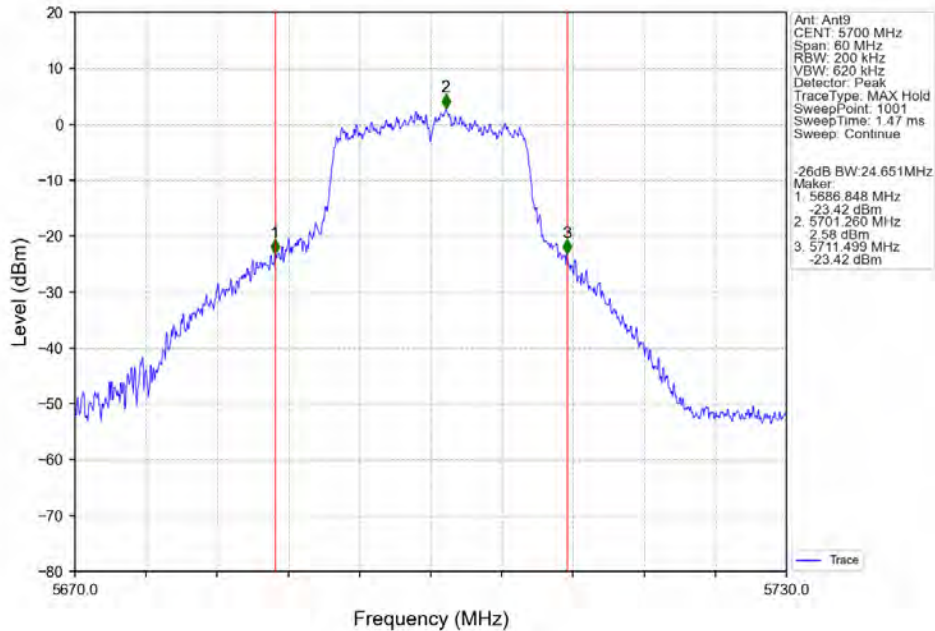
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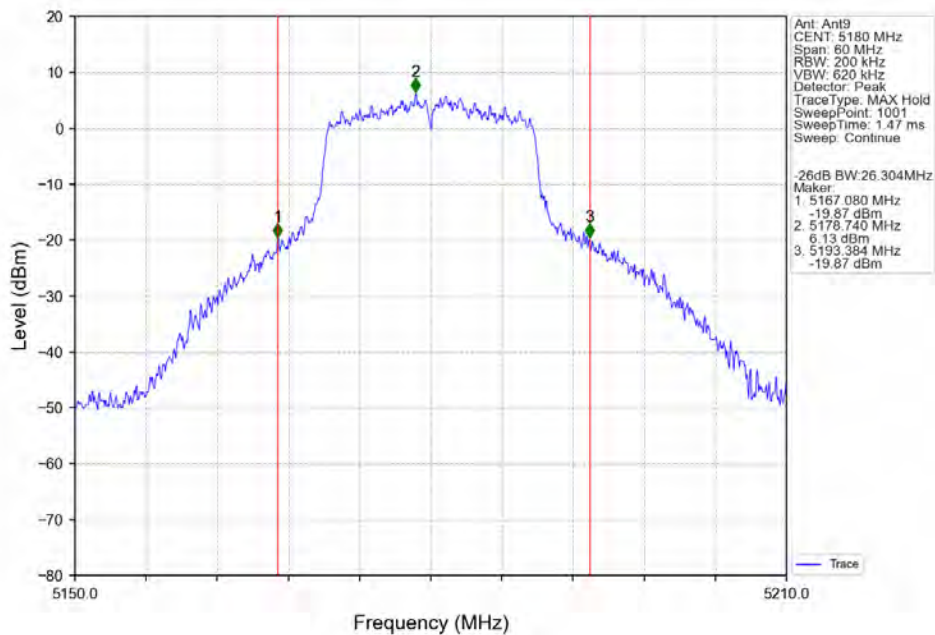
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802.11a_HCH_5700MHz_Ant9_NTNV



802.11n(HT20)_LCH_5180MHz_Ant9_NTNV



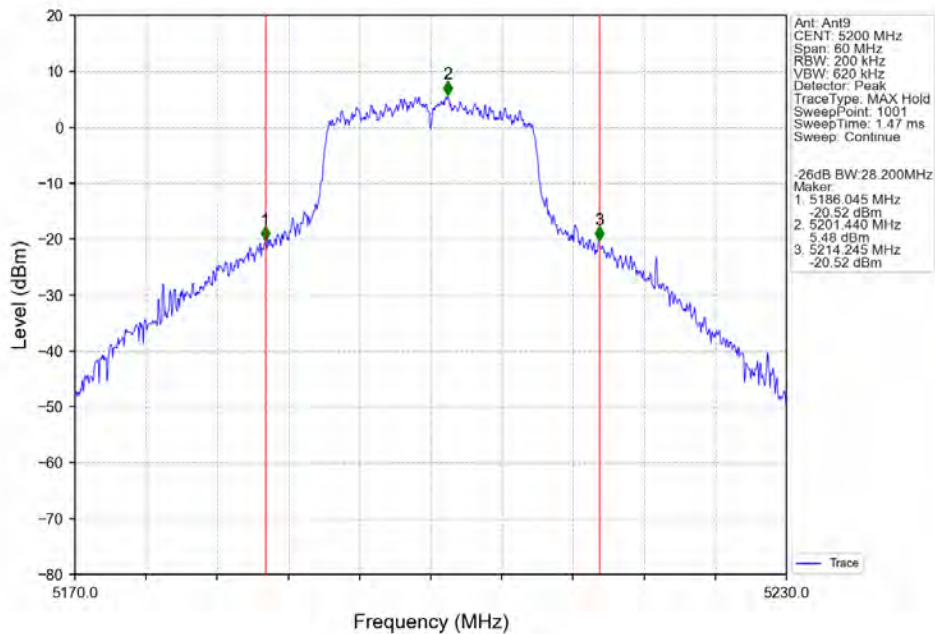
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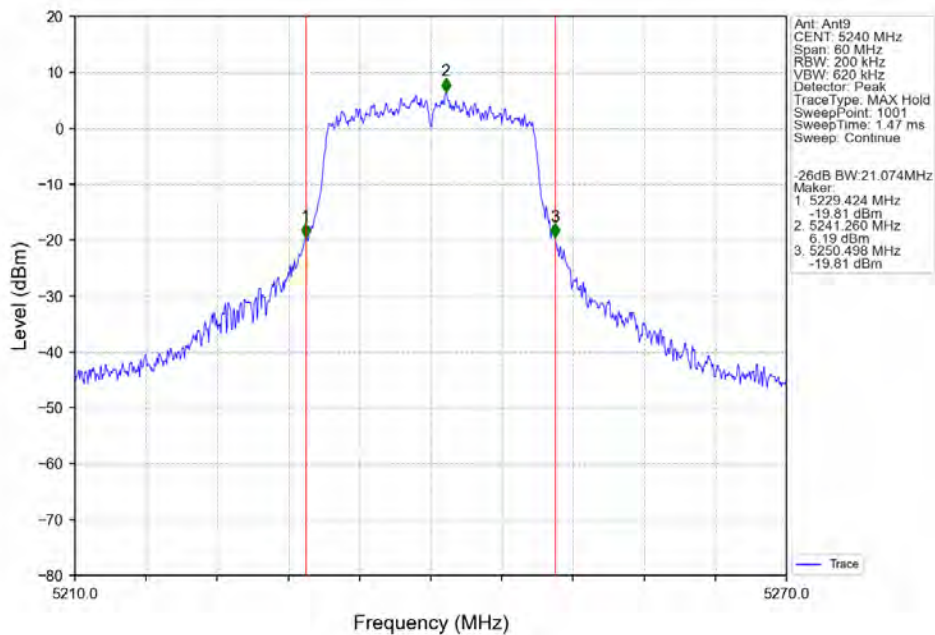
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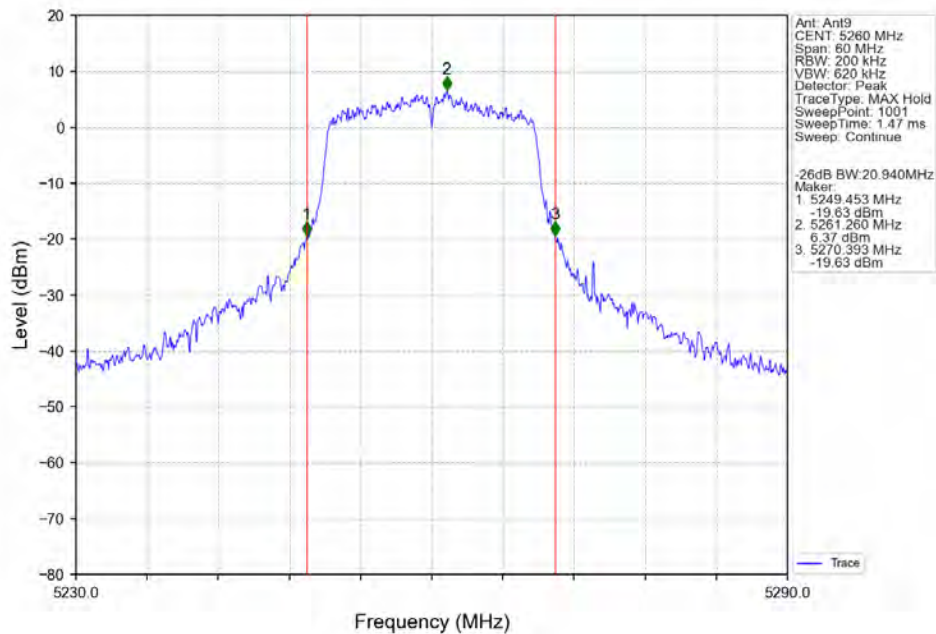
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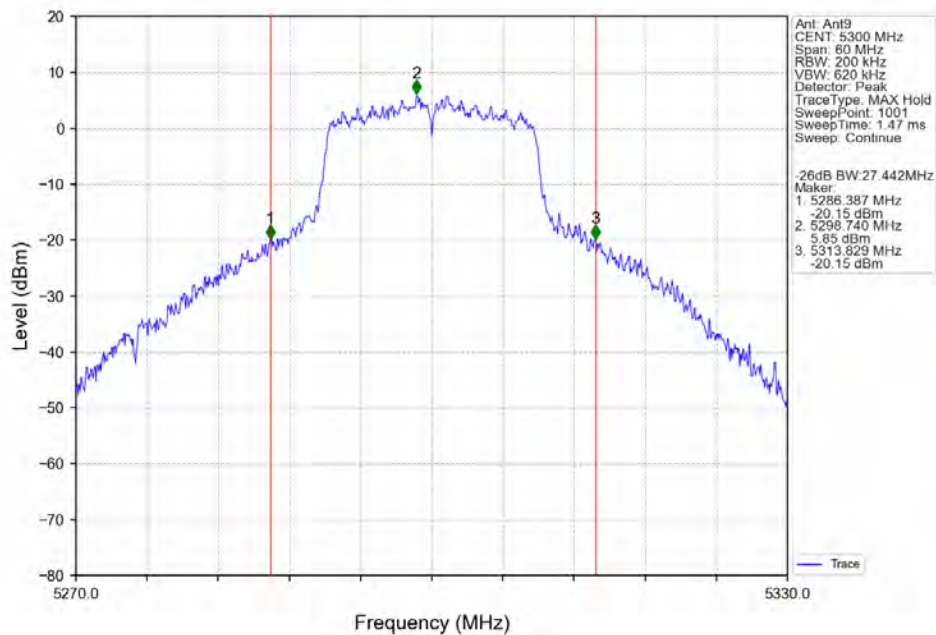
802.11n(HT20)_HCH_5240MHz_Ant9_NTNV



802.11n(HT20)_LCH_5260MHz_Ant9_NTNV



802.11n(HT20)_MCH_5300MHz_Ant9_NTNV



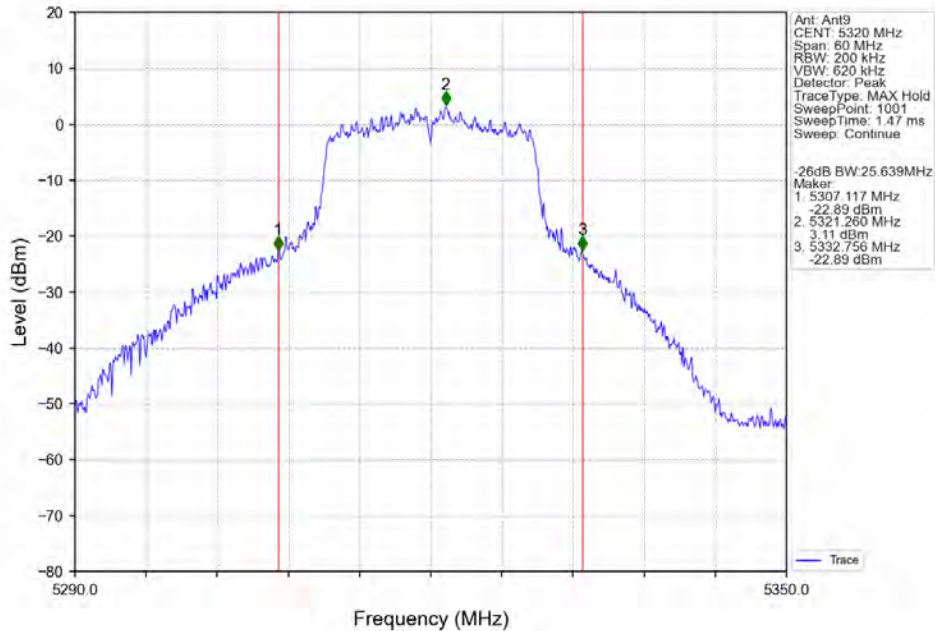
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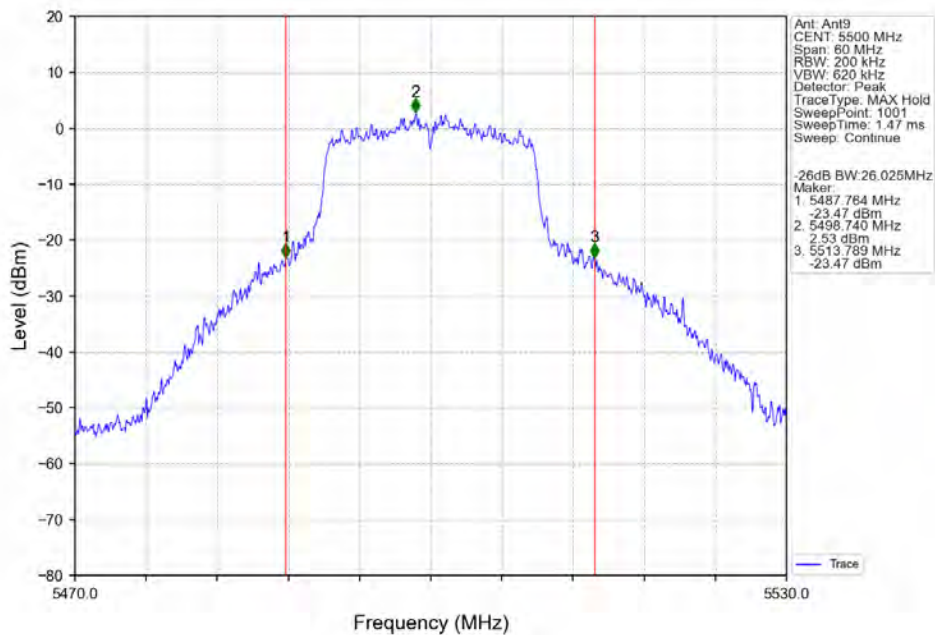
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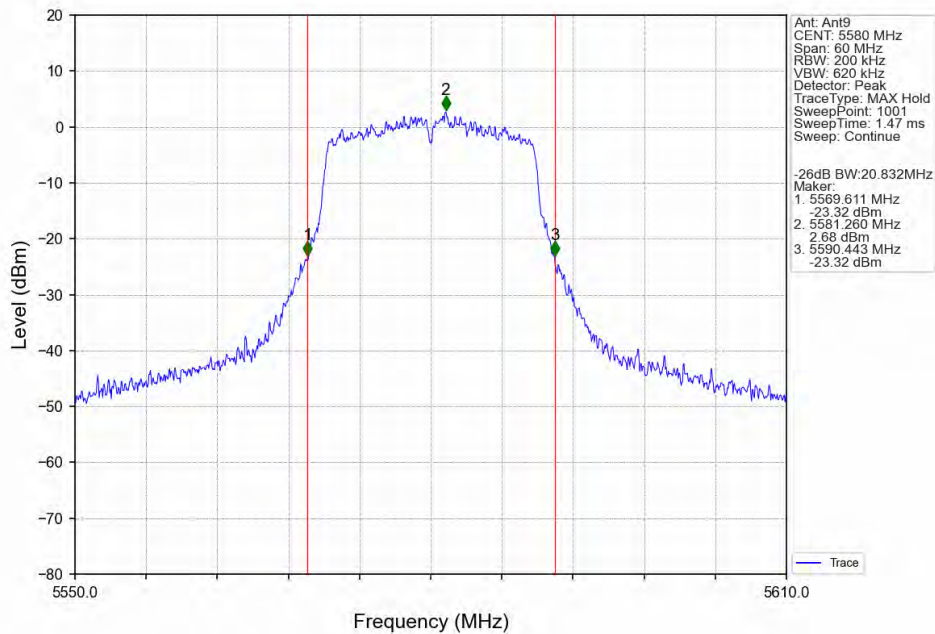
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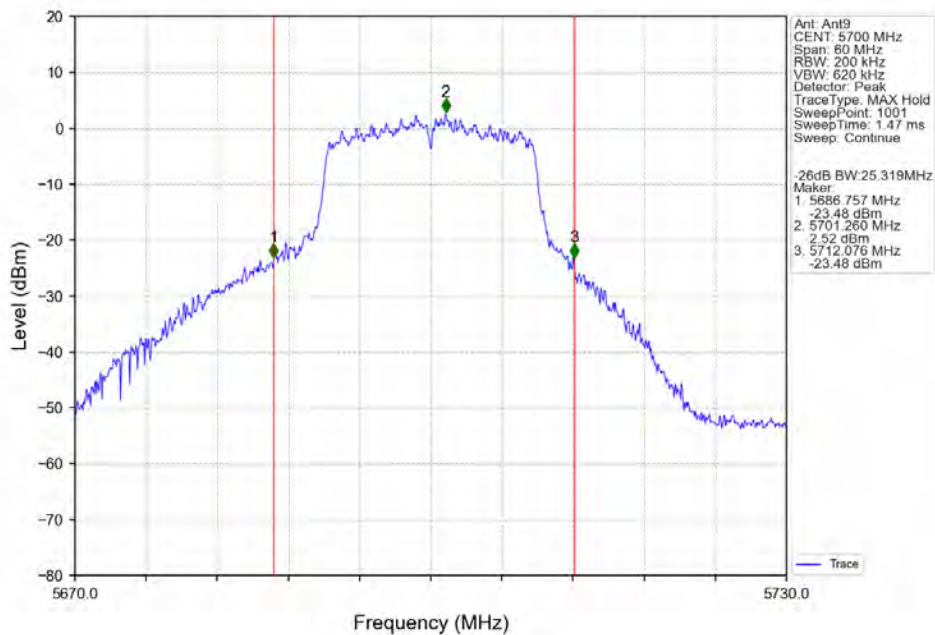
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802.11n(HT20)_MCH_5580MHz_Ant9_NTNV



802.11n(HT20)_HCH_5700MHz_Ant9_NTNV



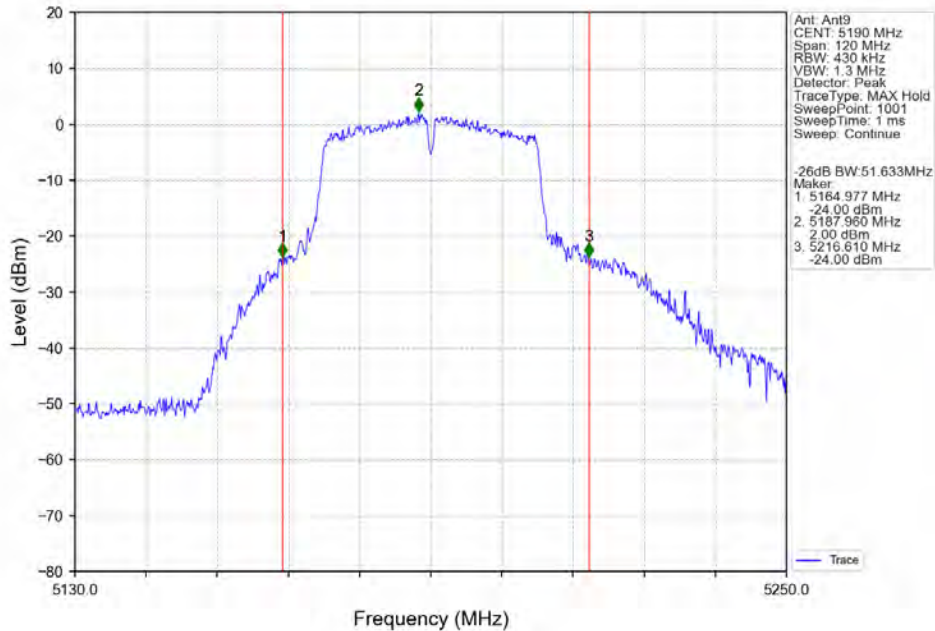
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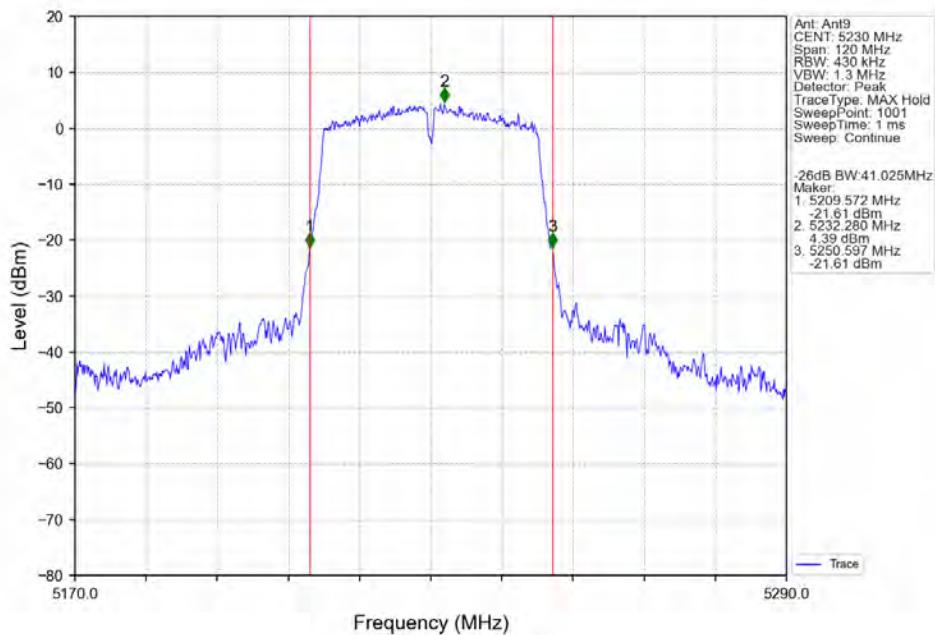
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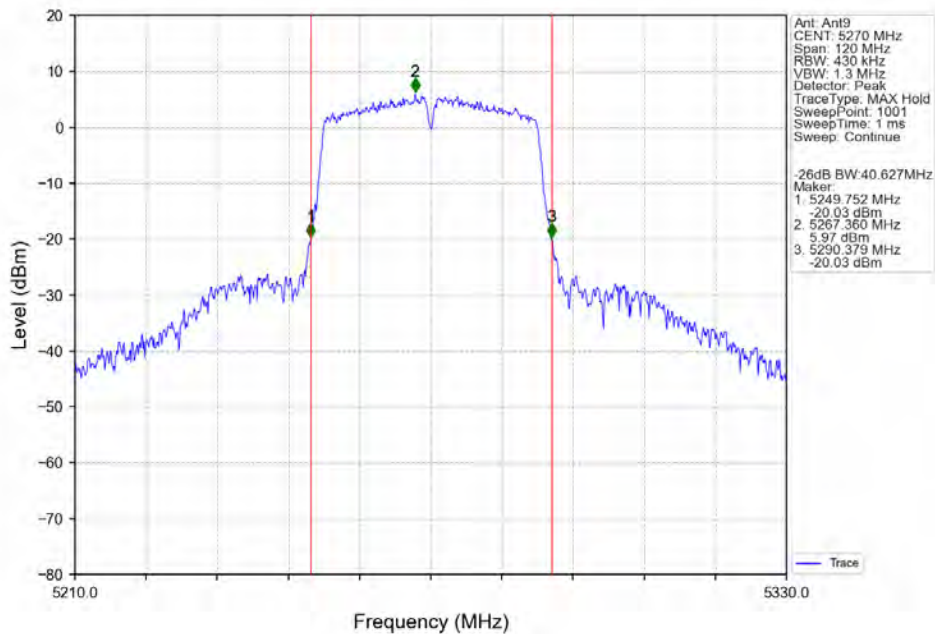
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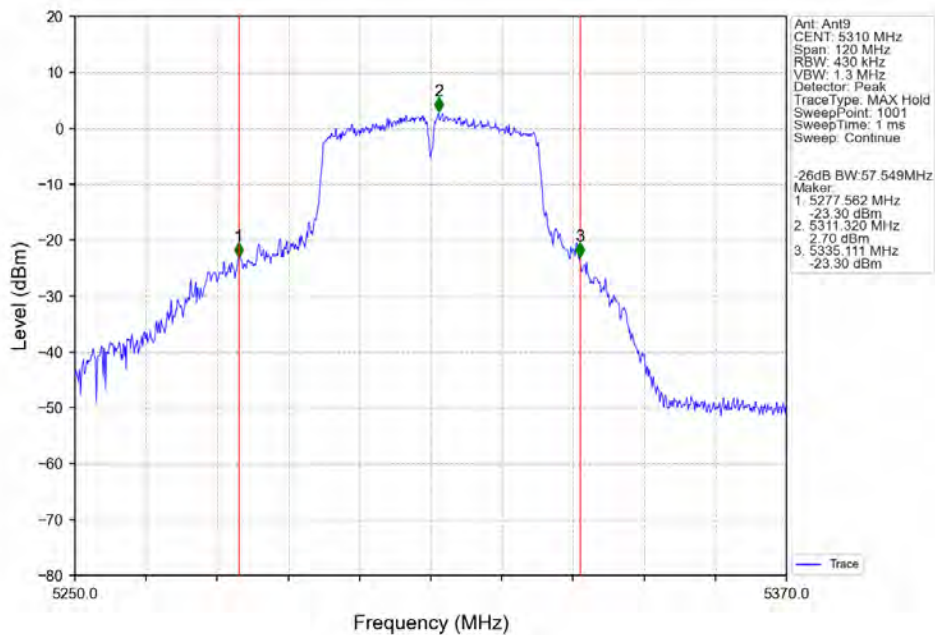
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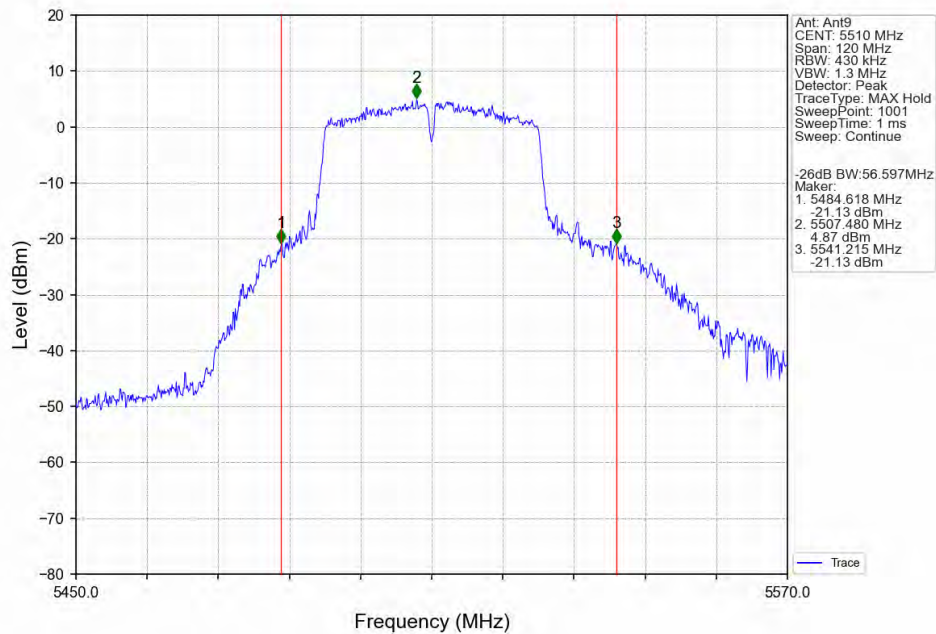
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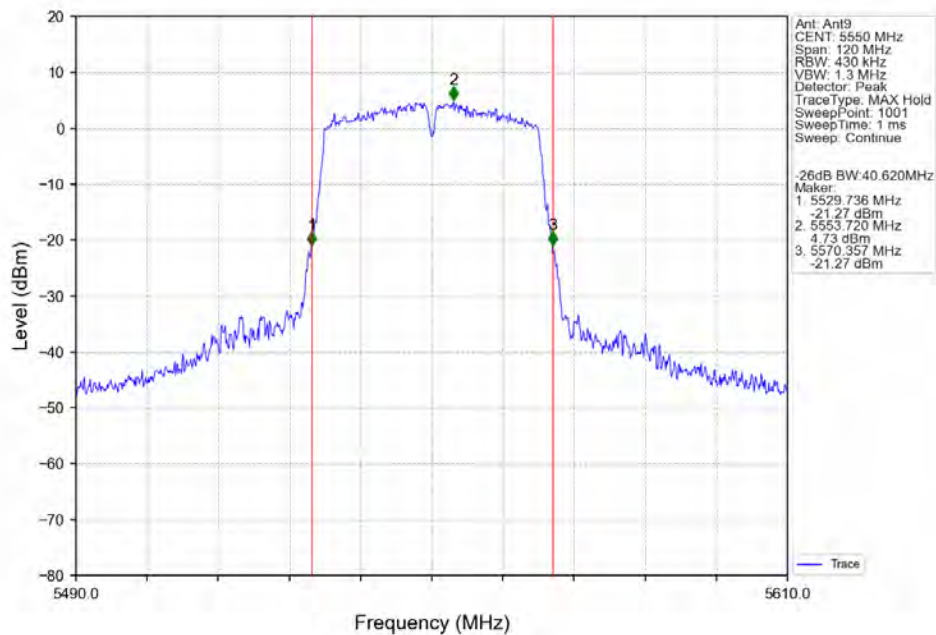
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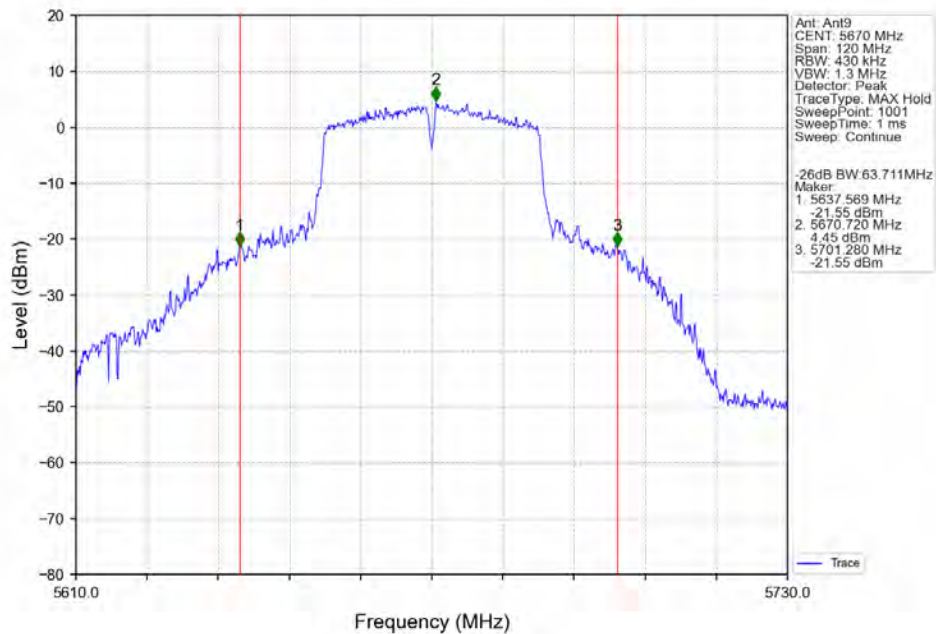
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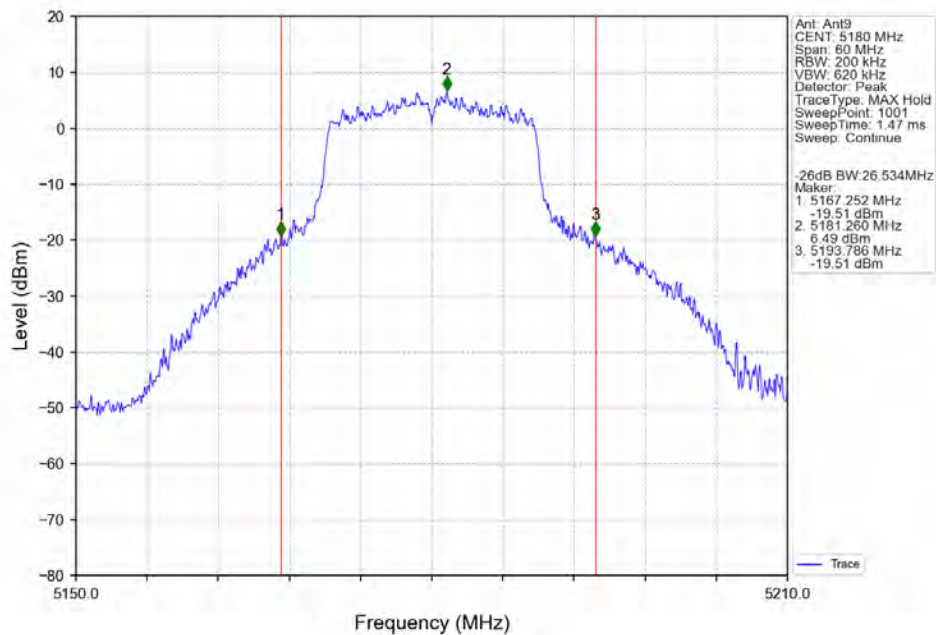
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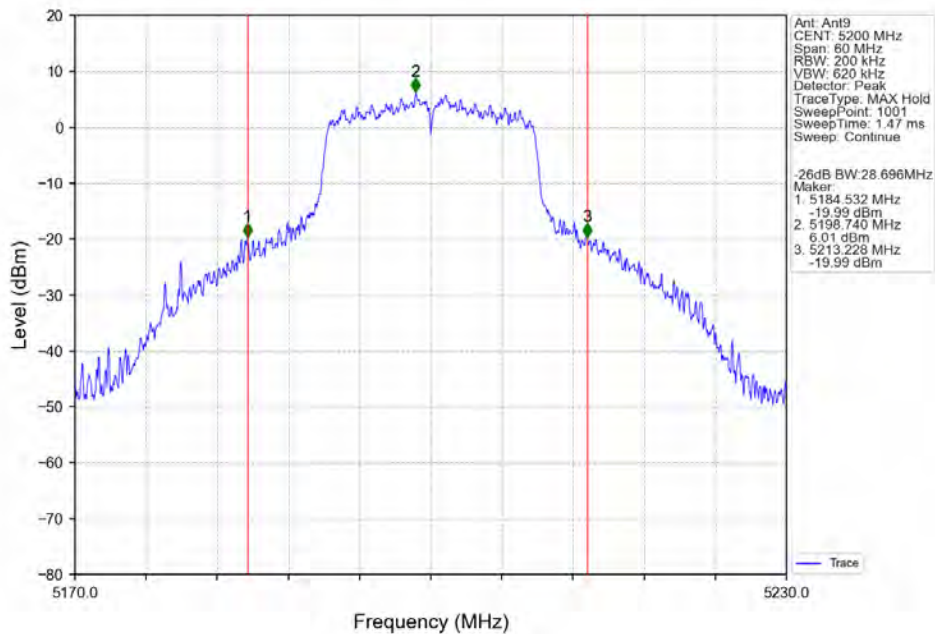
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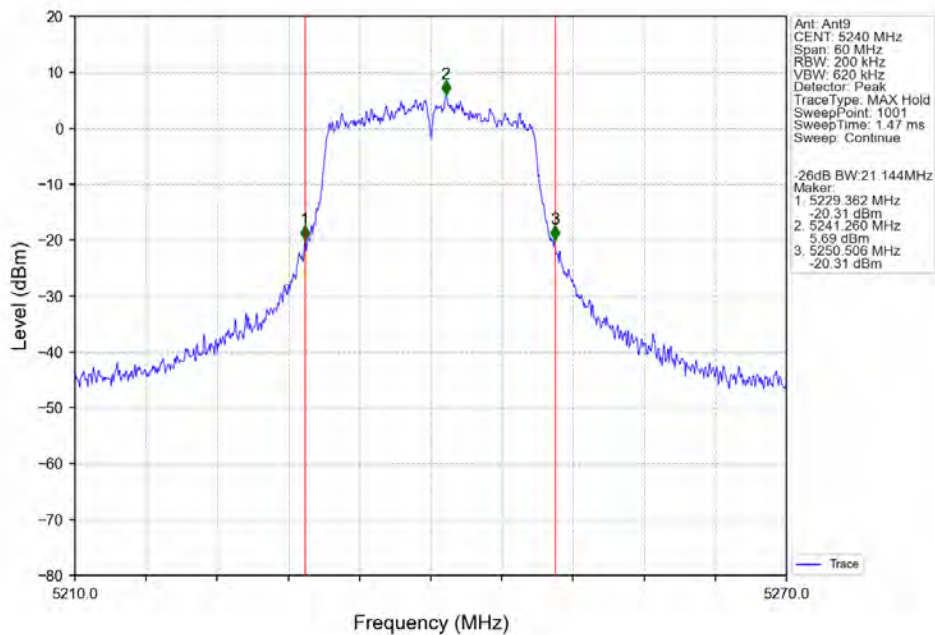
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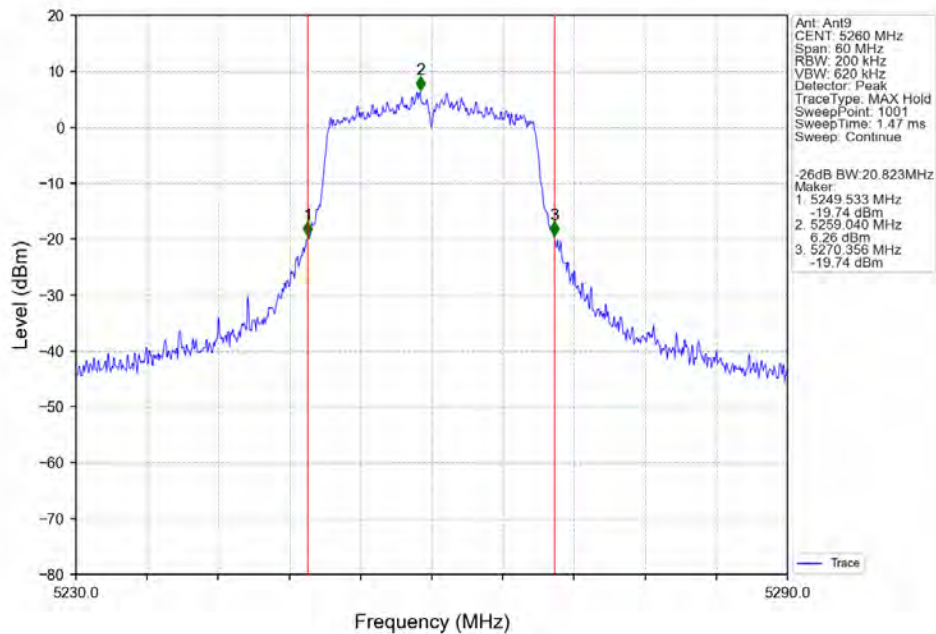
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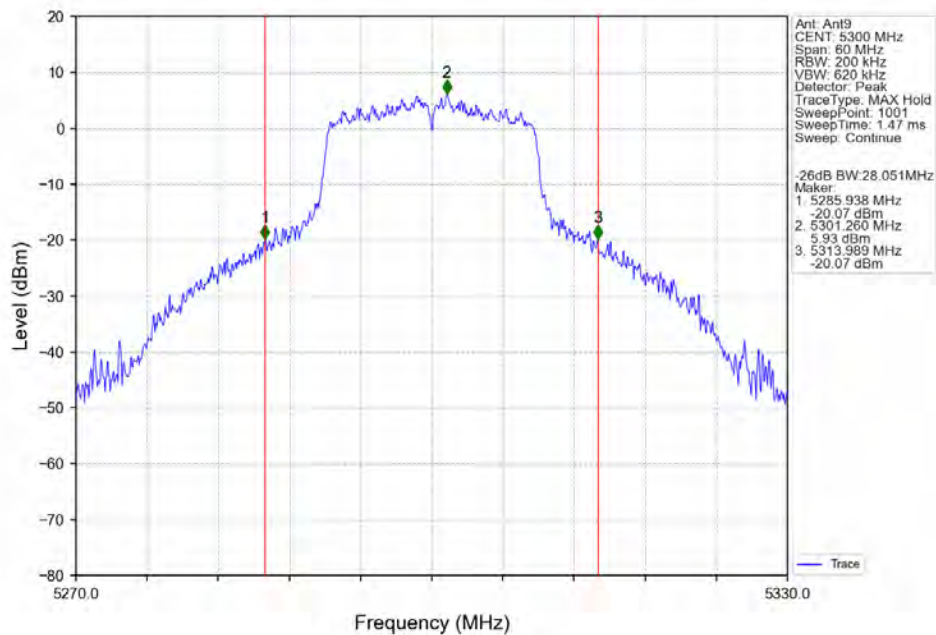
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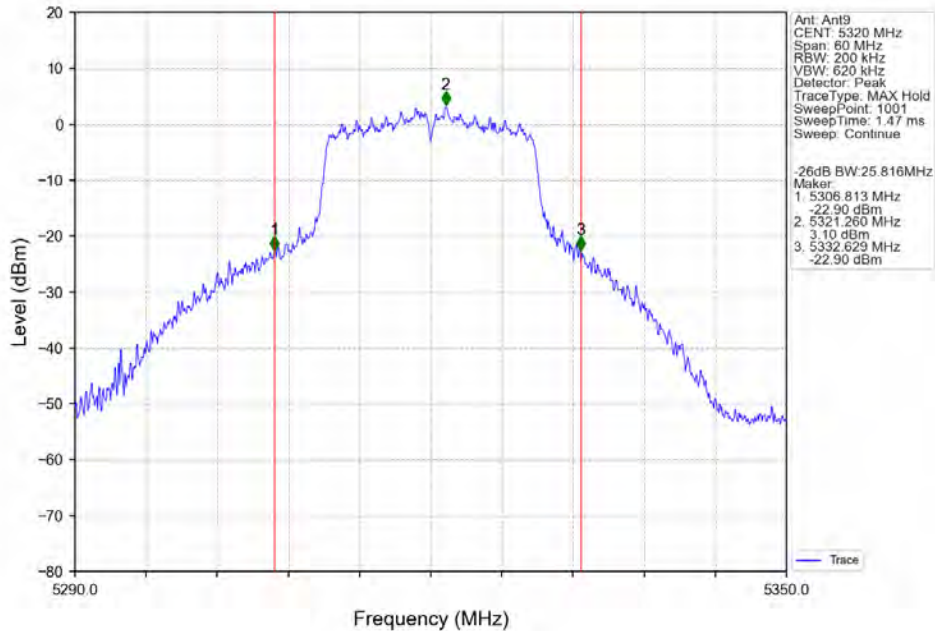
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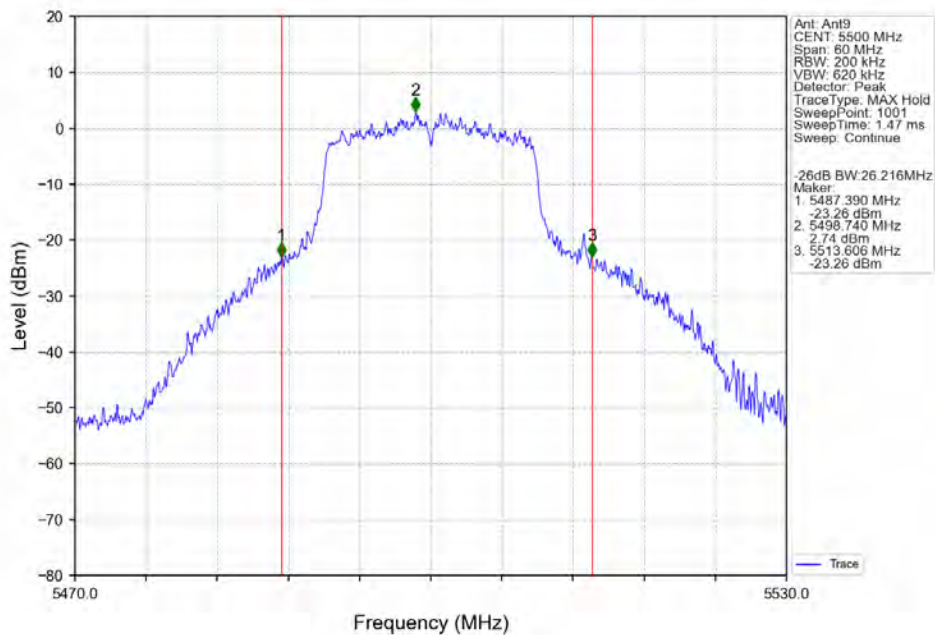
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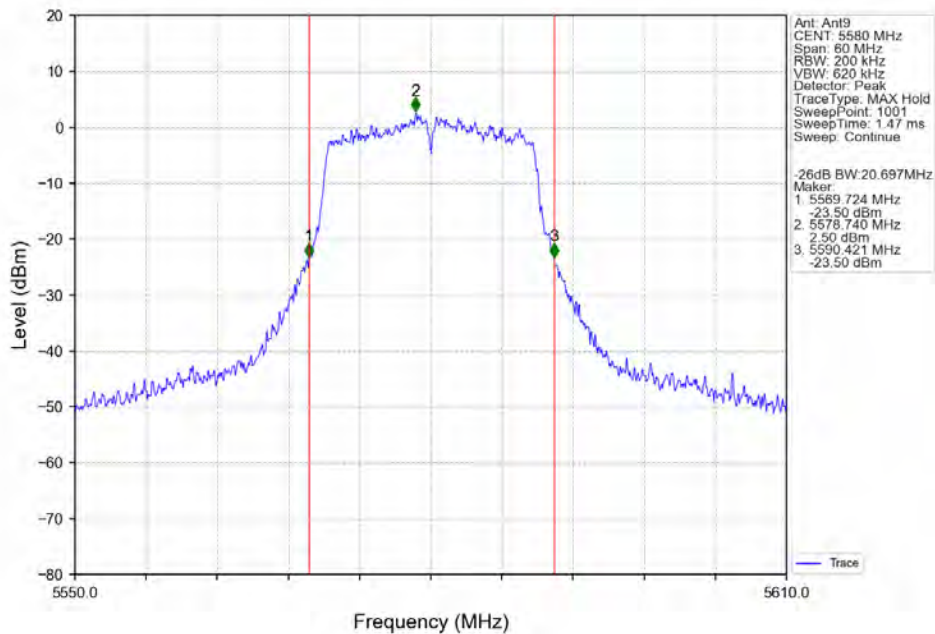
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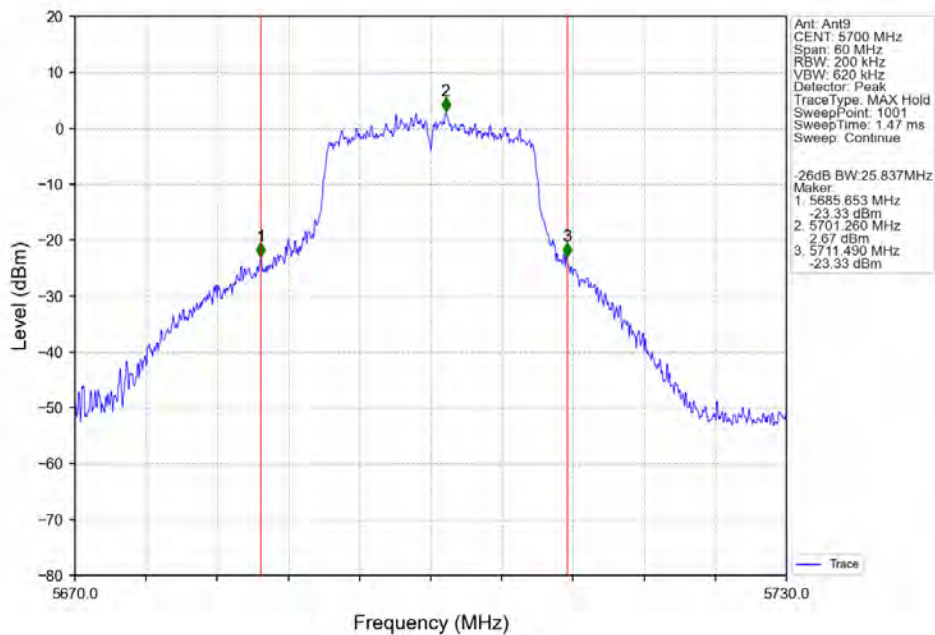
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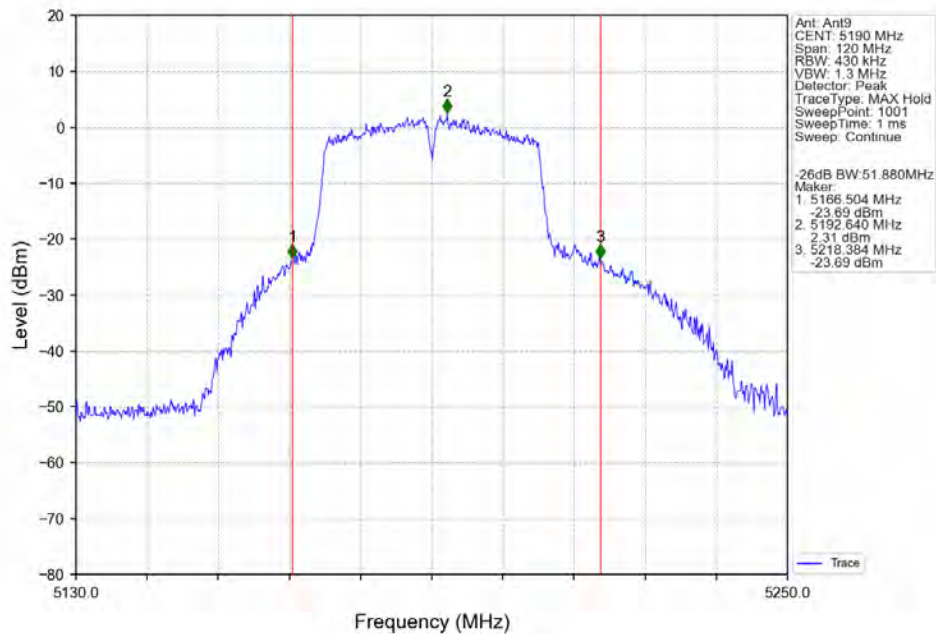
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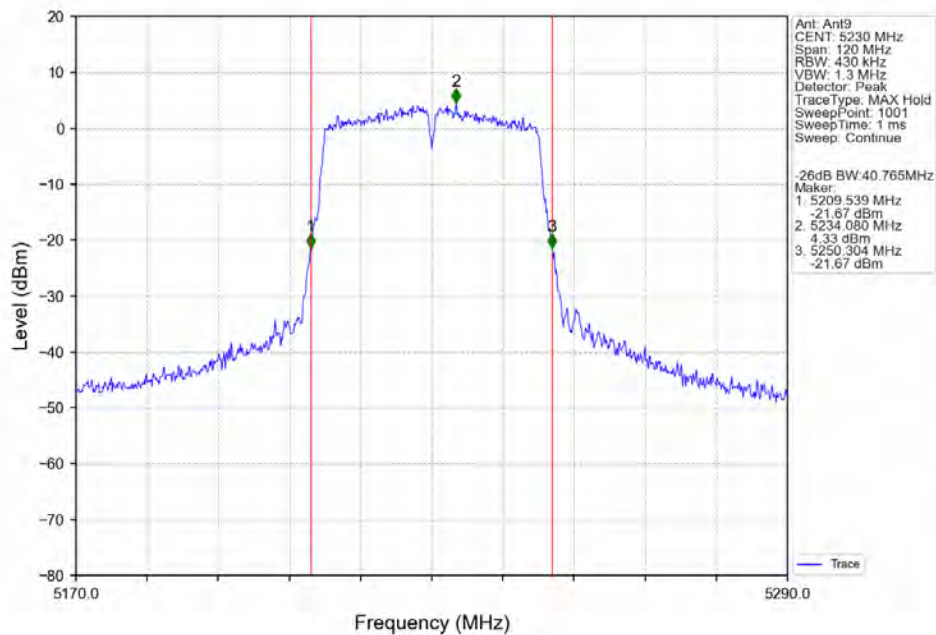
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802.11ac(VHT40)_LCH_5190MHz_Ant9_NTNV



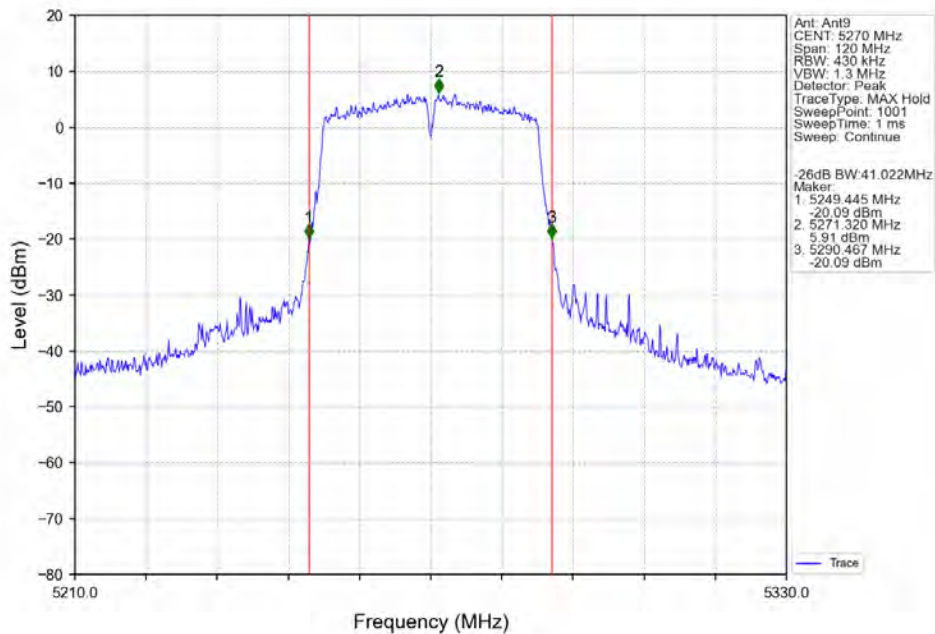
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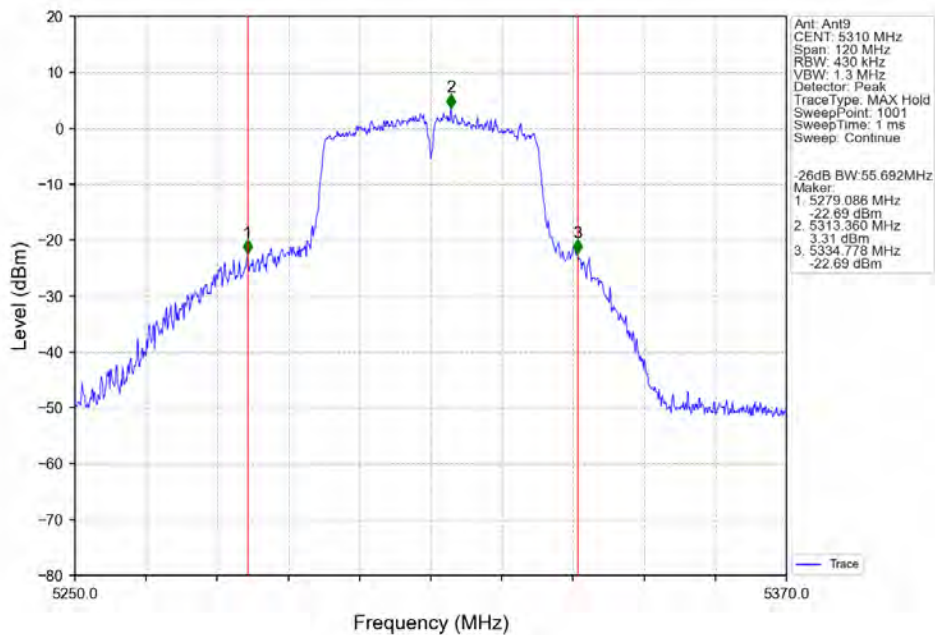
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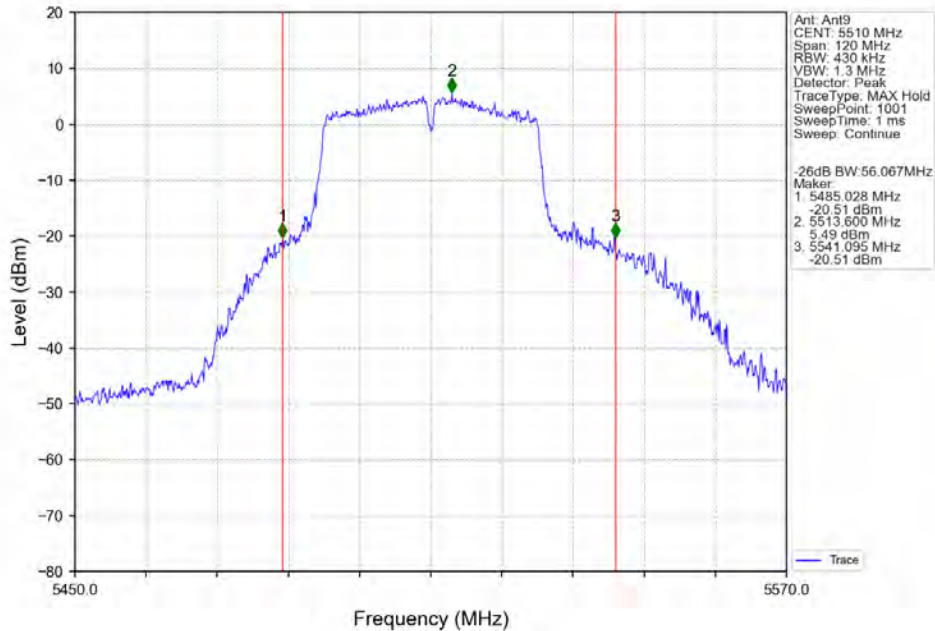
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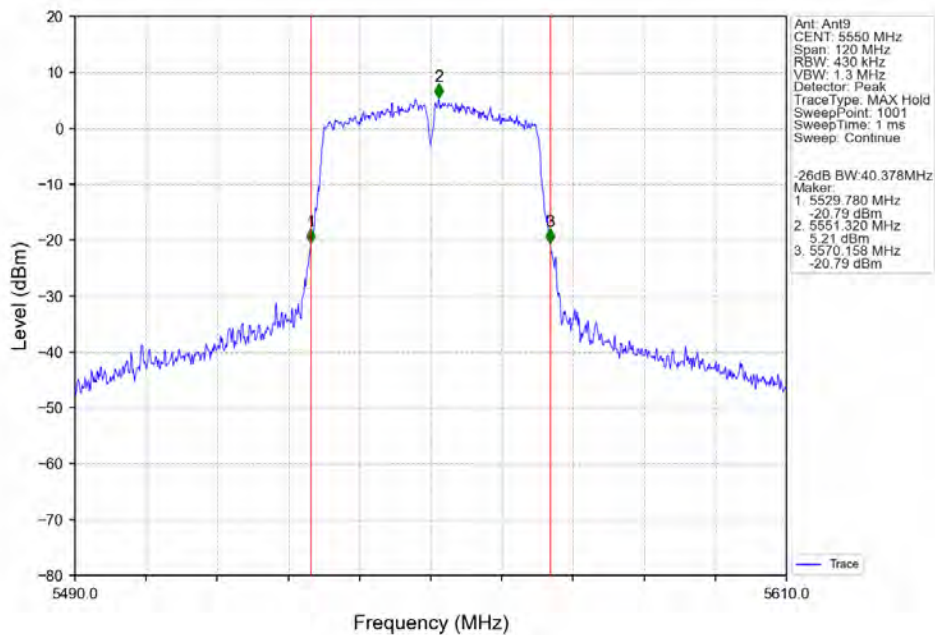
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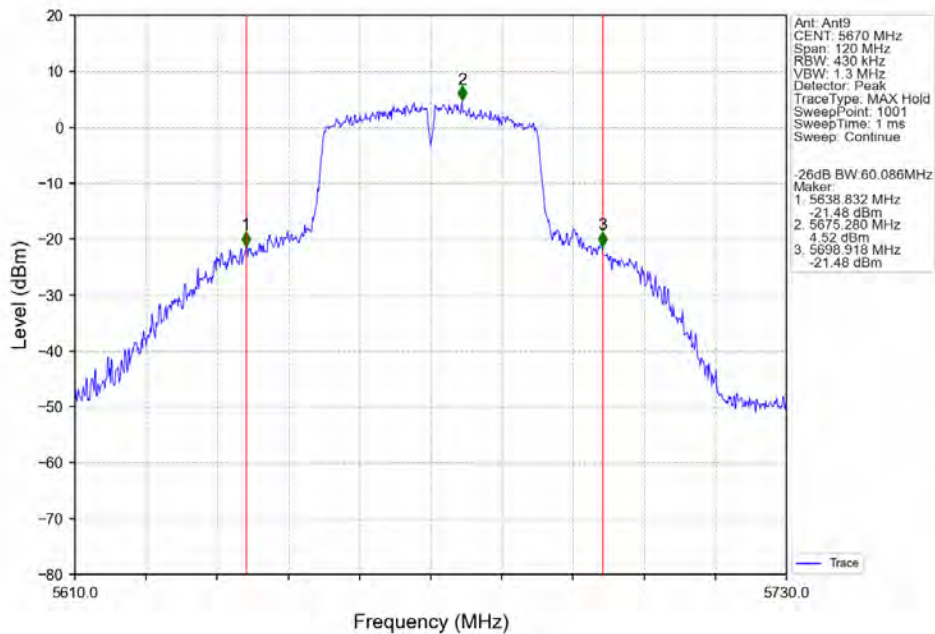
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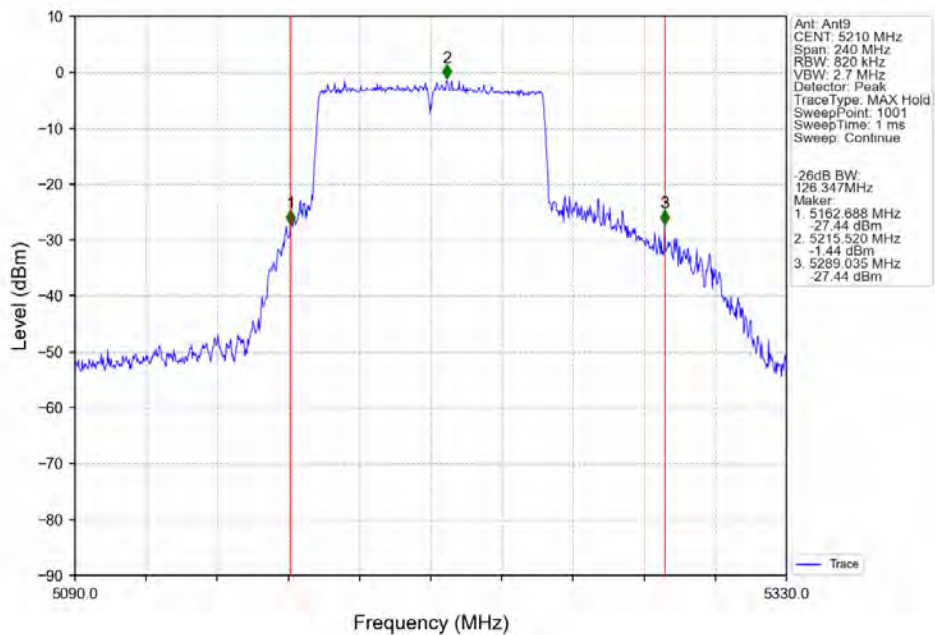
802.11ac(VHT40)_MCH_5550MHz_Ant9_NTNV



802.11ac(VHT40)_HCH_5670MHz_Ant9_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant9_NTNV



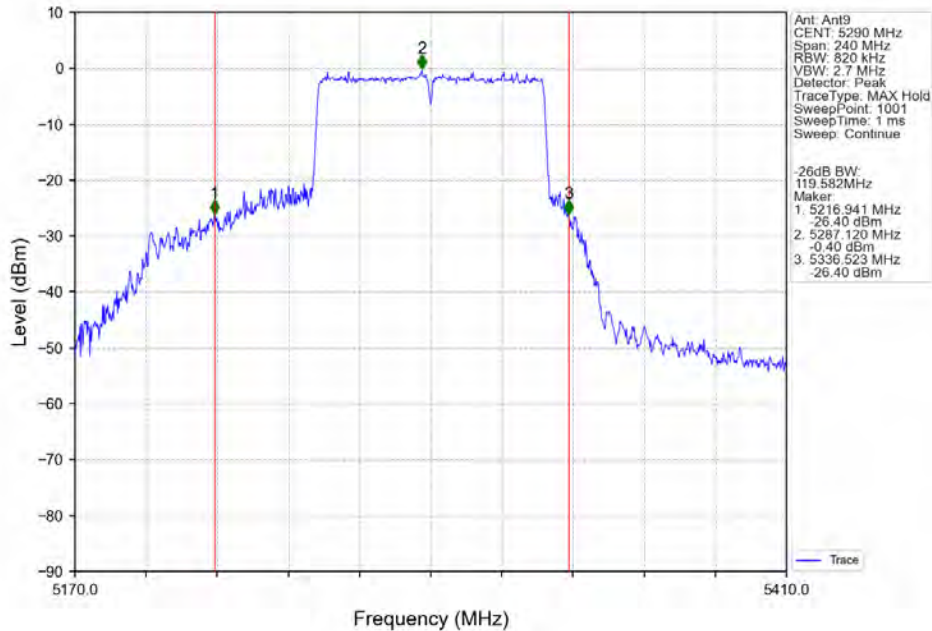
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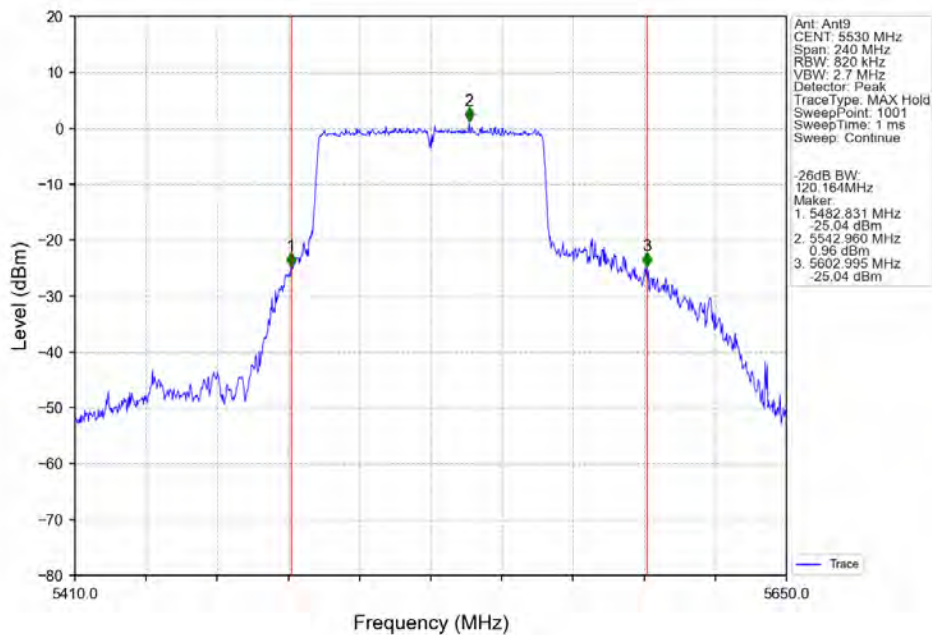
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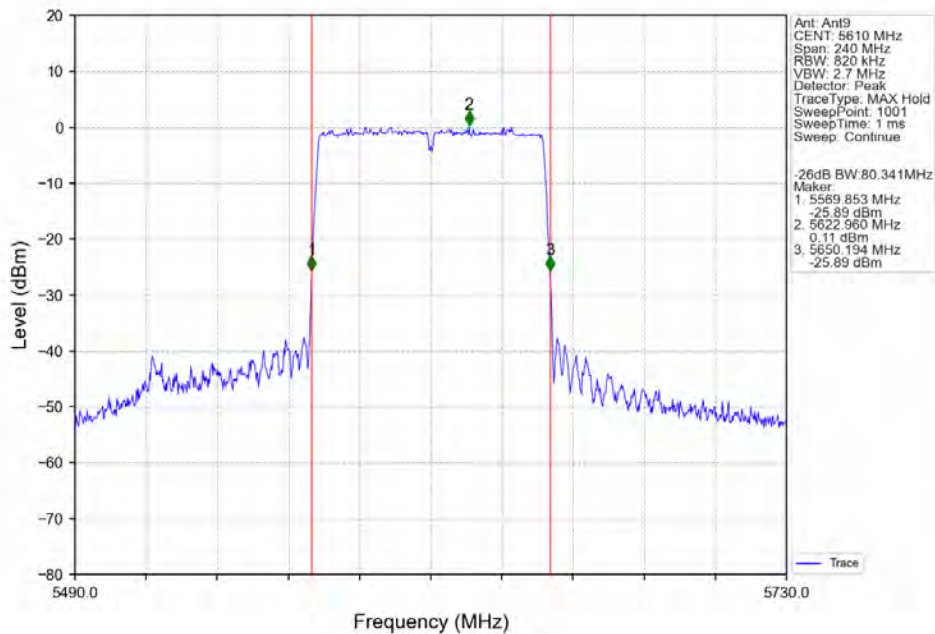
802.11ac(VHT80)_MCH_5290MHz_Ant9_NTNV



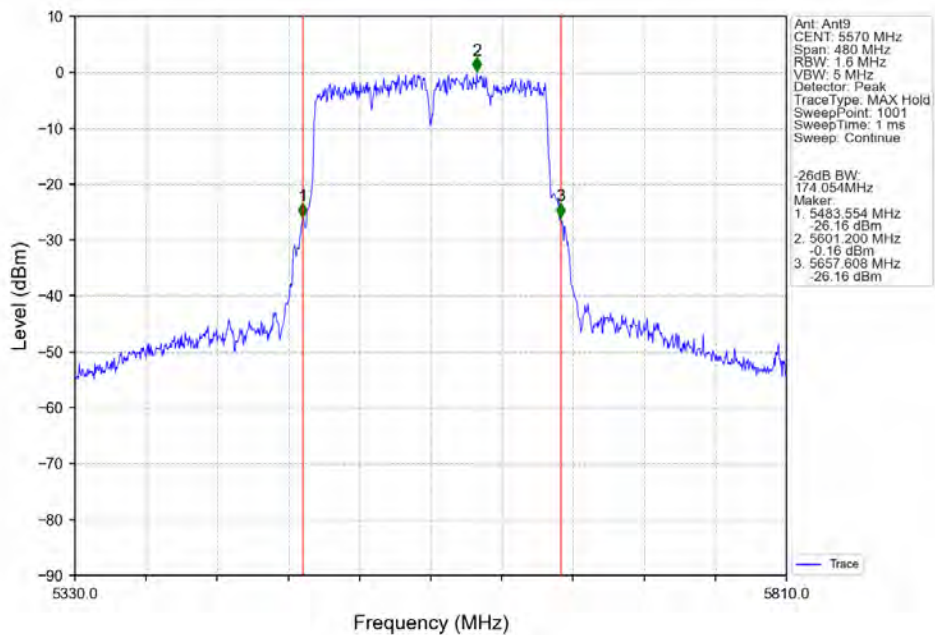
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802.11ac(VHT80)_HCH_5610MHz_Ant9_NTNV



802.11ac(VHT160)_MCH_5570MHz_Ant9_NTNV



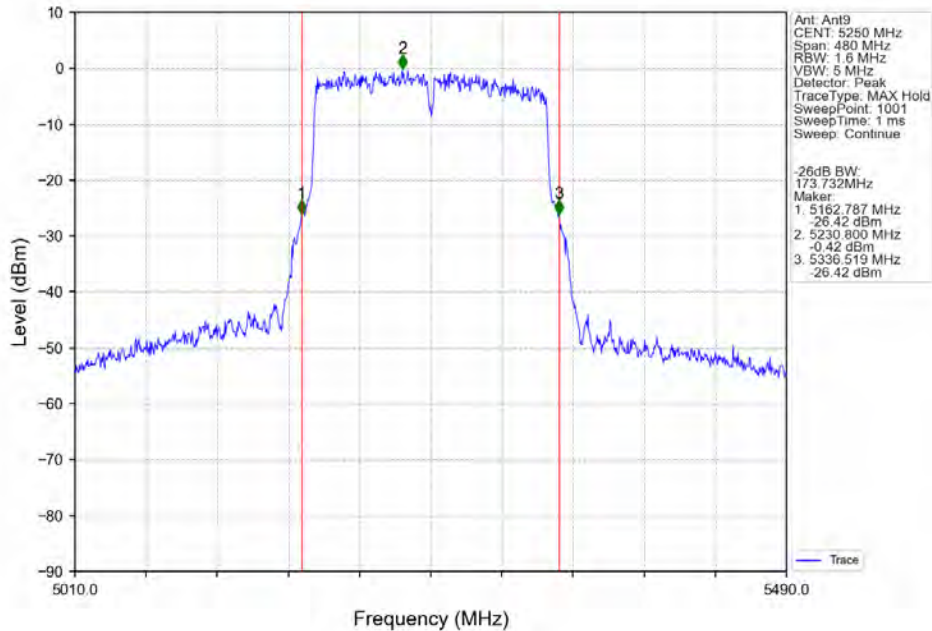
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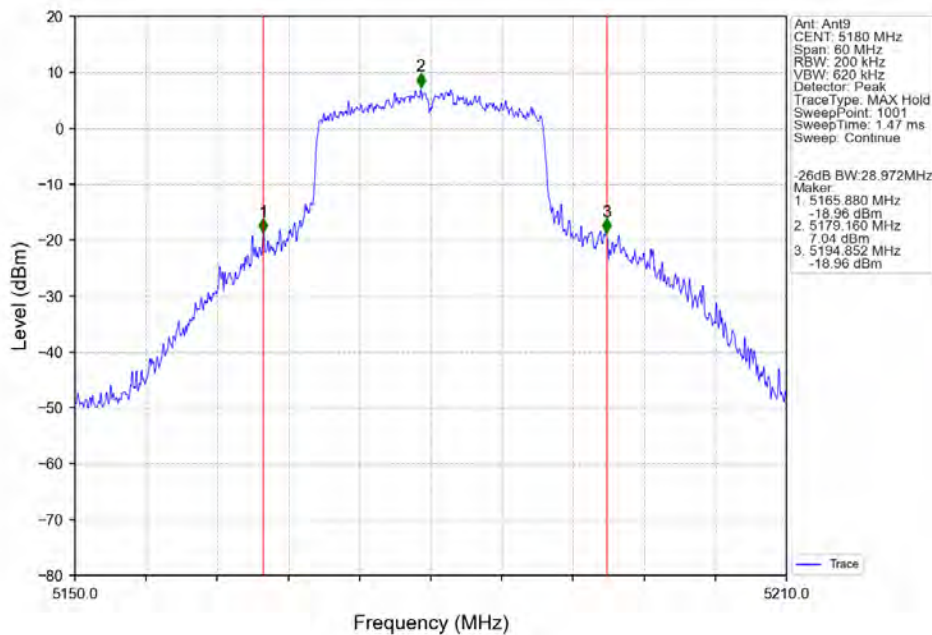
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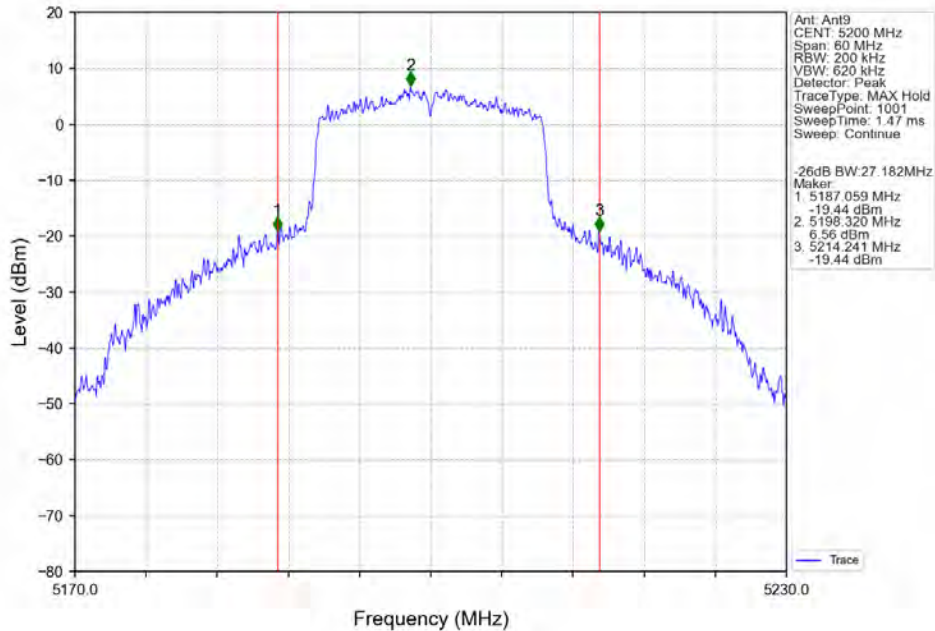
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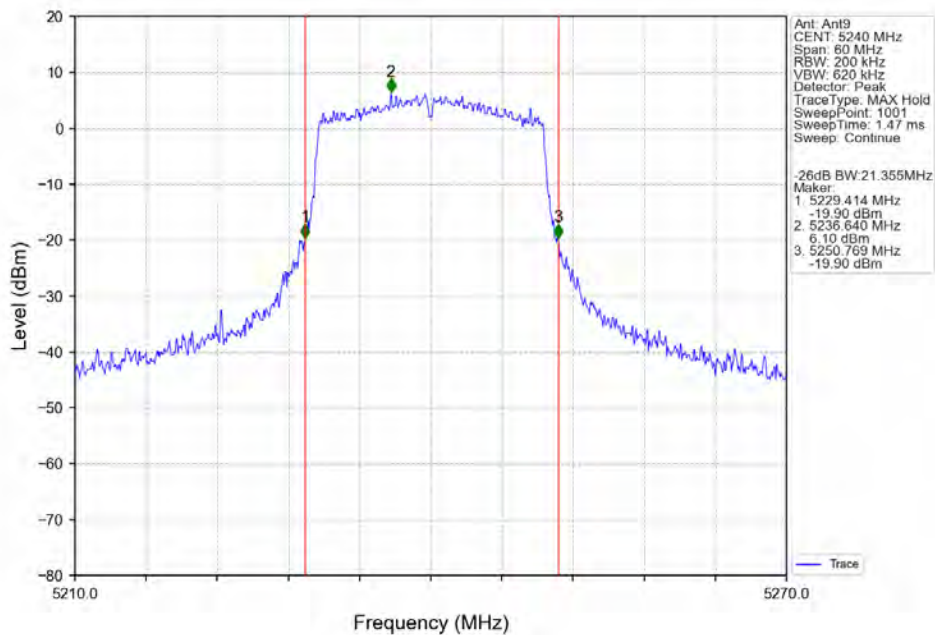
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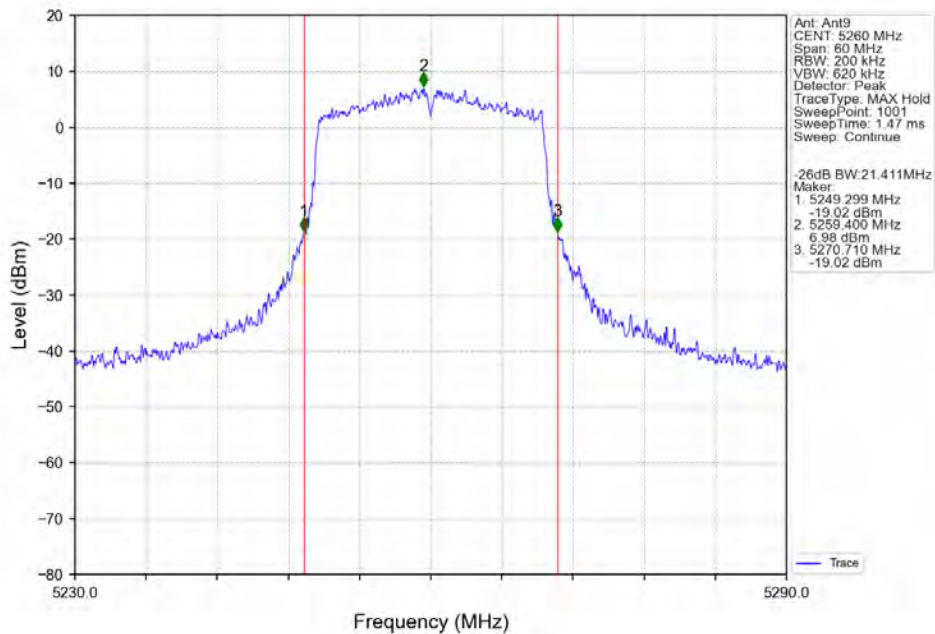
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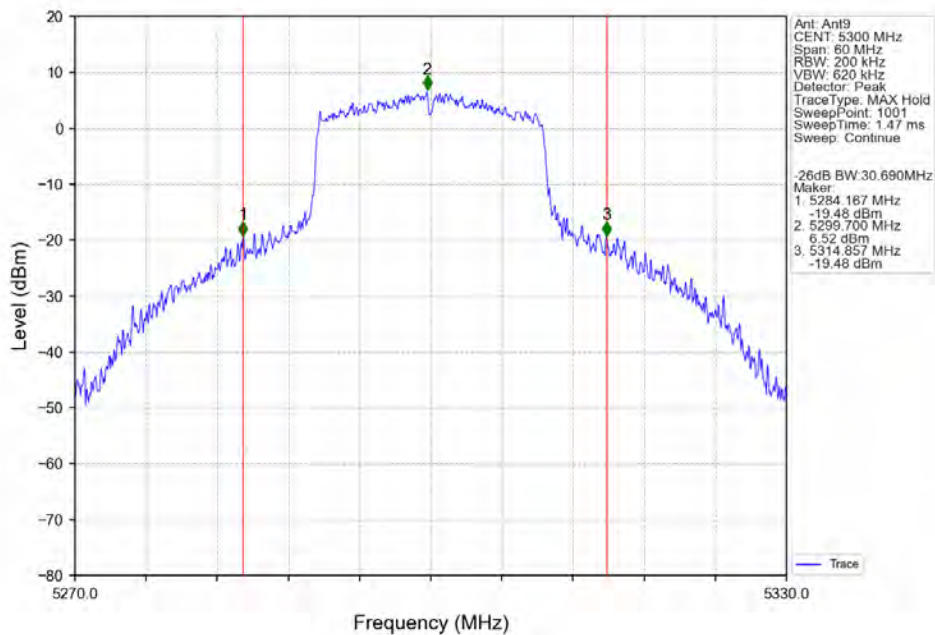
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802.11ax(HEW20)_LCH_5260MHz_RU242_Left_Ant9_NTNV



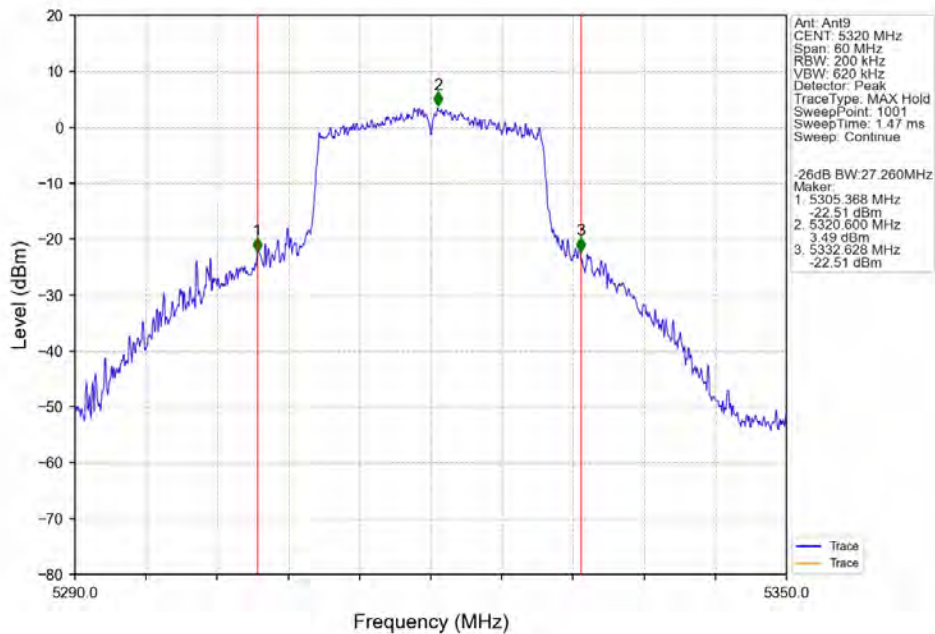
802.11ax(HEW20)_MCH_5300MHz_RU242_Left_Ant9_NTNV



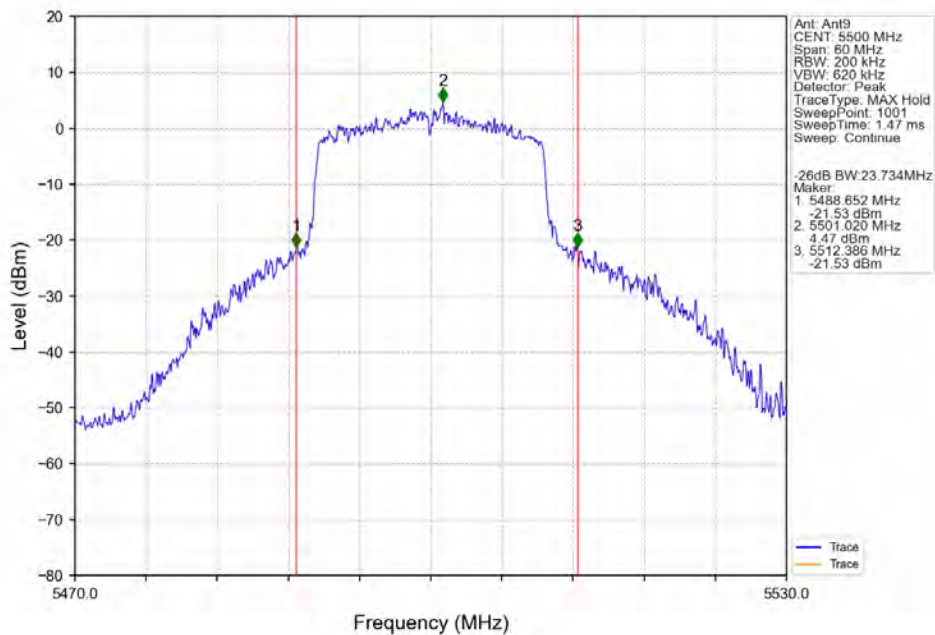
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802.11ax(HEW20)_HCH_5320MHz_RU242_Left_Ant9_NTNV



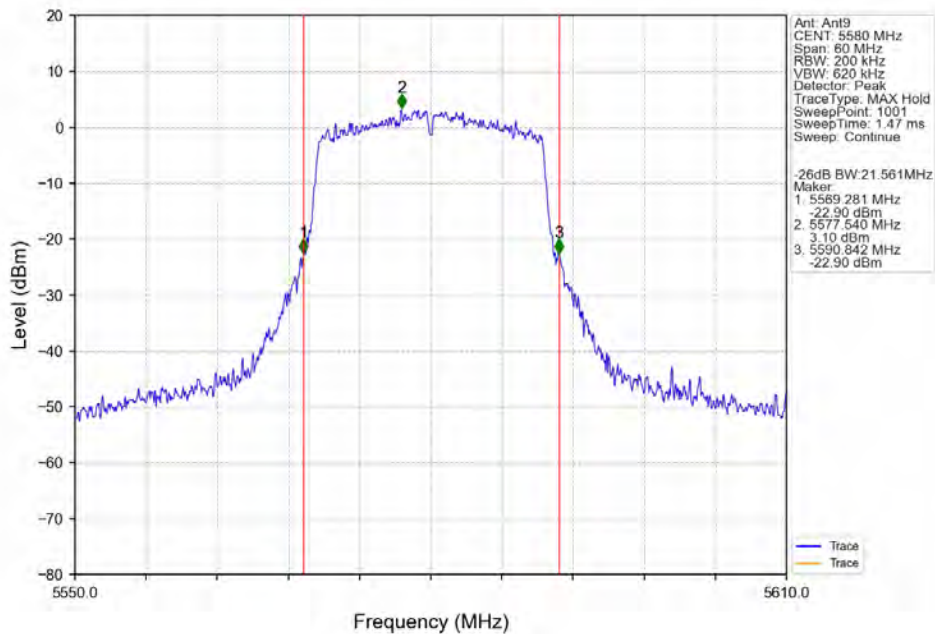
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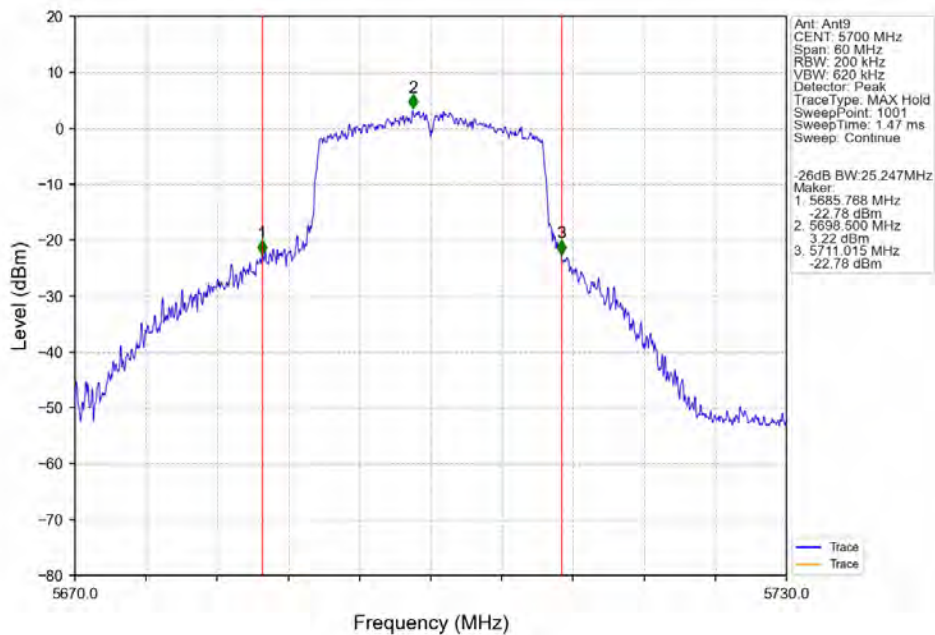
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802.11ax(HEW20)_MCH_5580MHz_RU242_Left_Ant9_NTNV



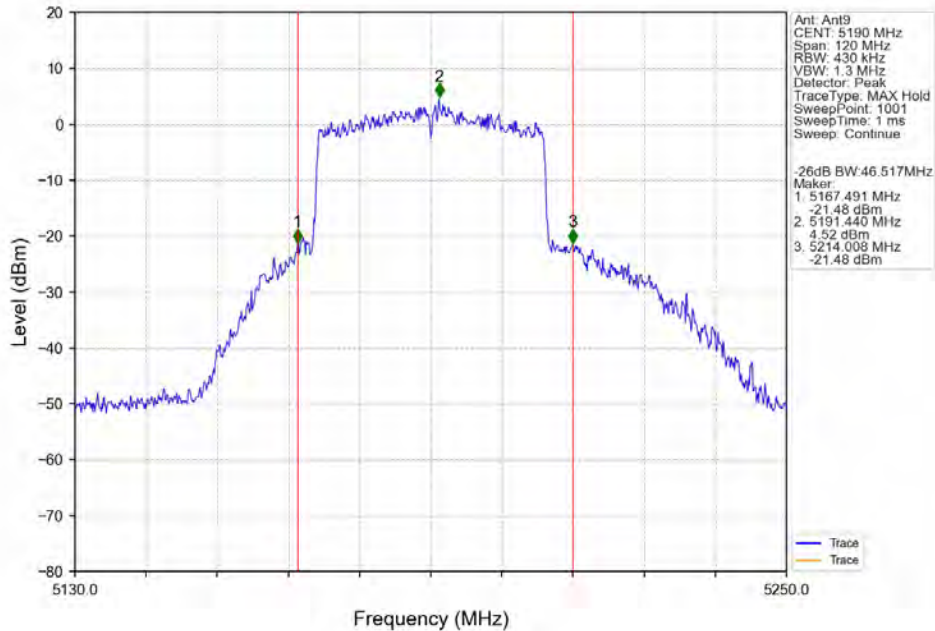
802.11ax(HEW20)_HCH_5700MHz_RU242_Left_Ant9_NTNV



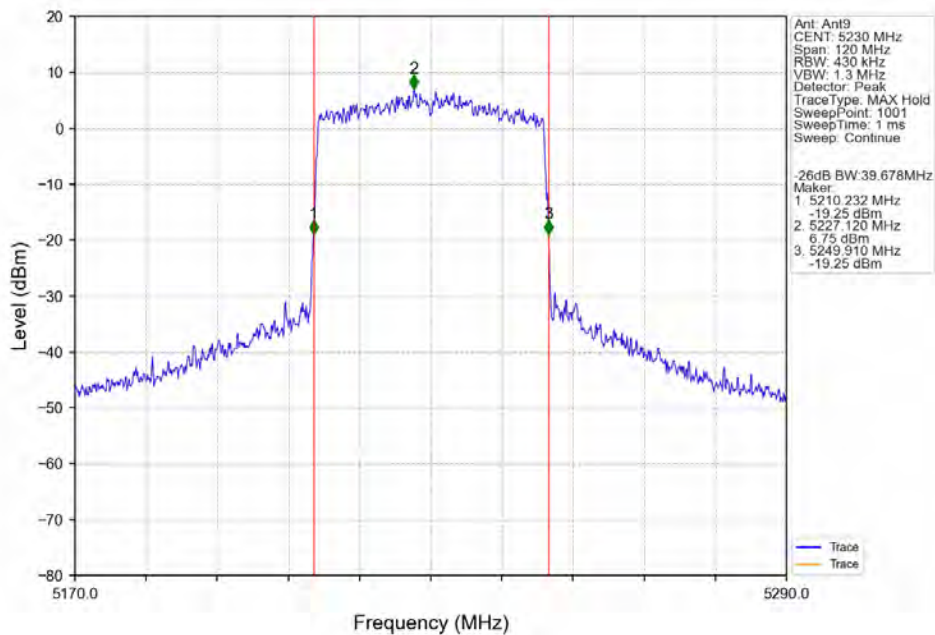
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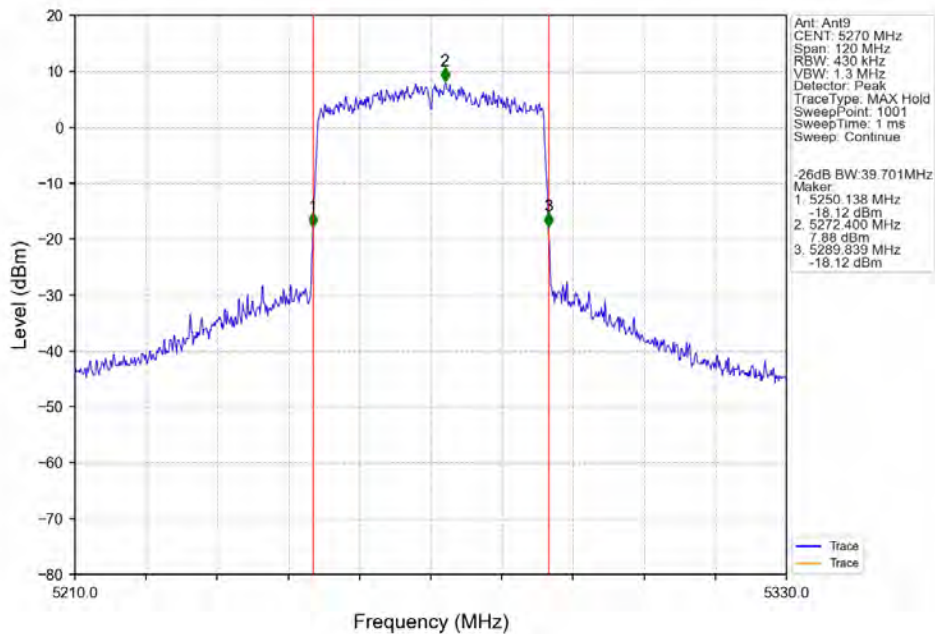
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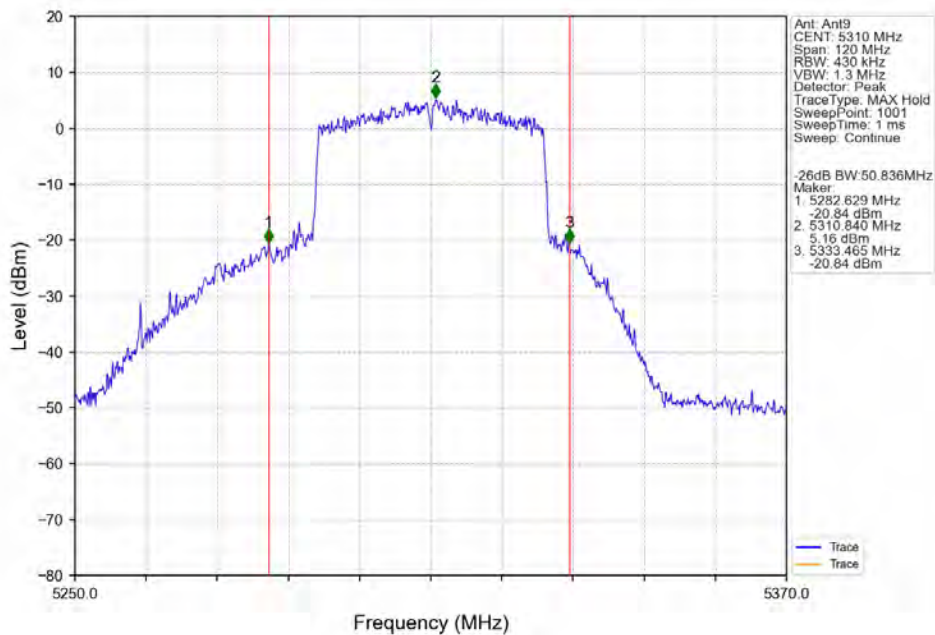
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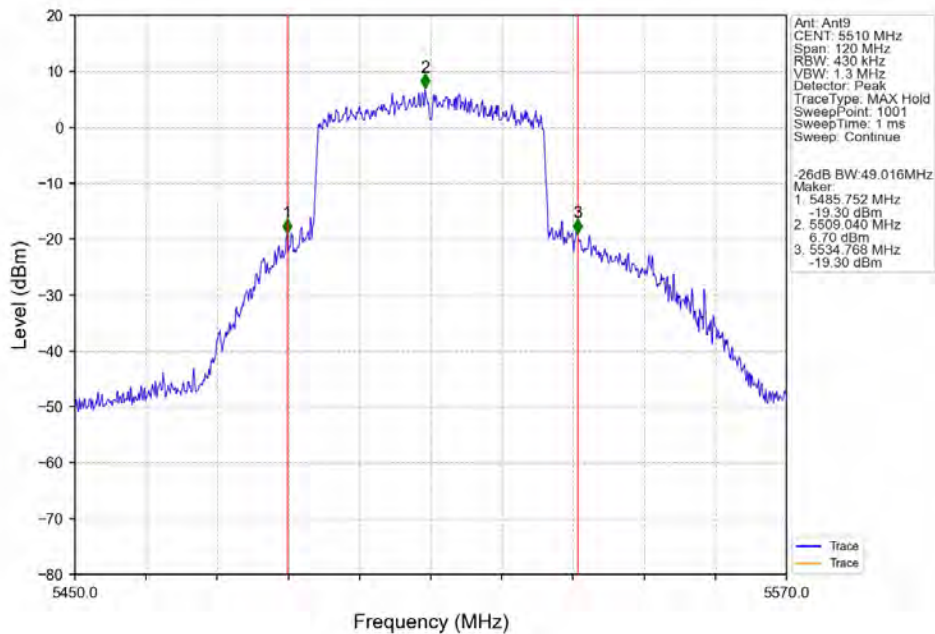
802.11ax(HEW40)_LCH_5270MHz_RU484_Left_Ant9_NTNV



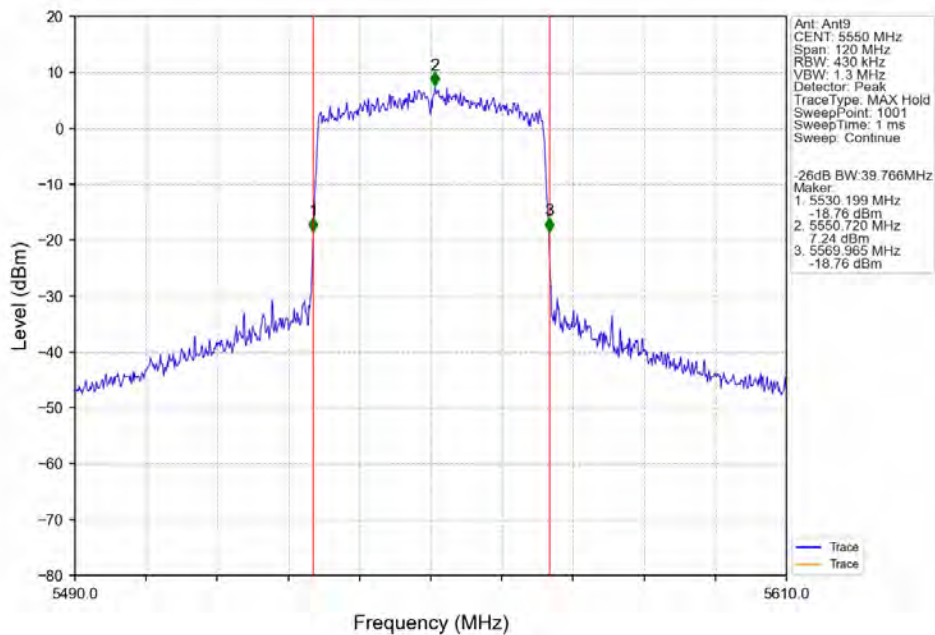
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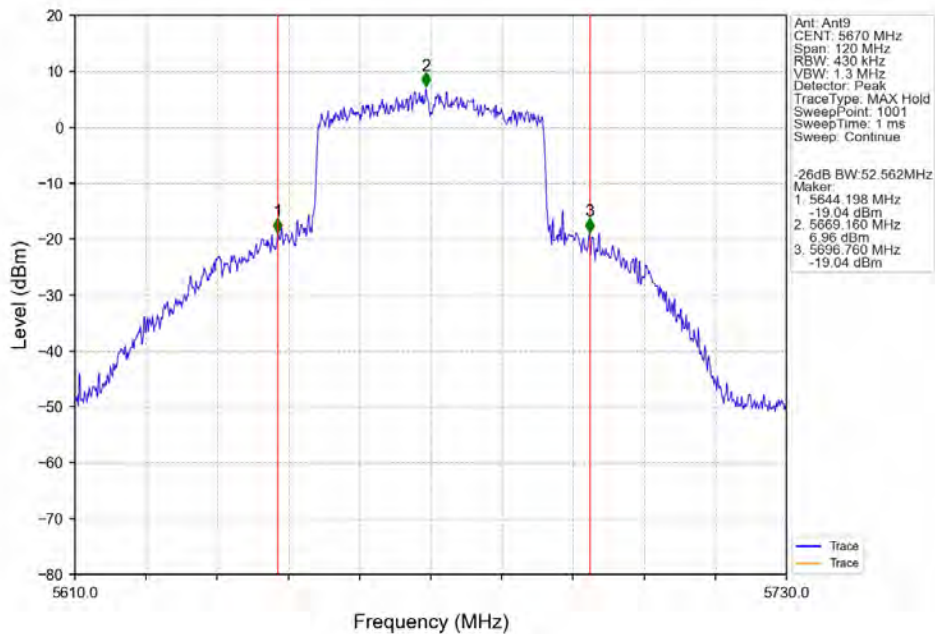
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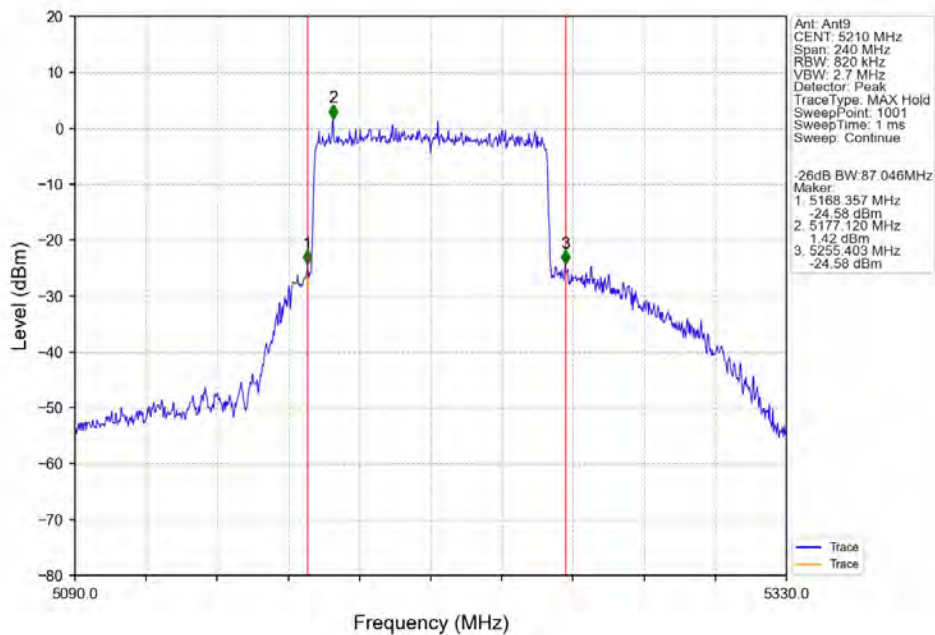
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802.11ax(HEW40)_HCH_5670MHz_RU484_Left_Ant9_NTNV



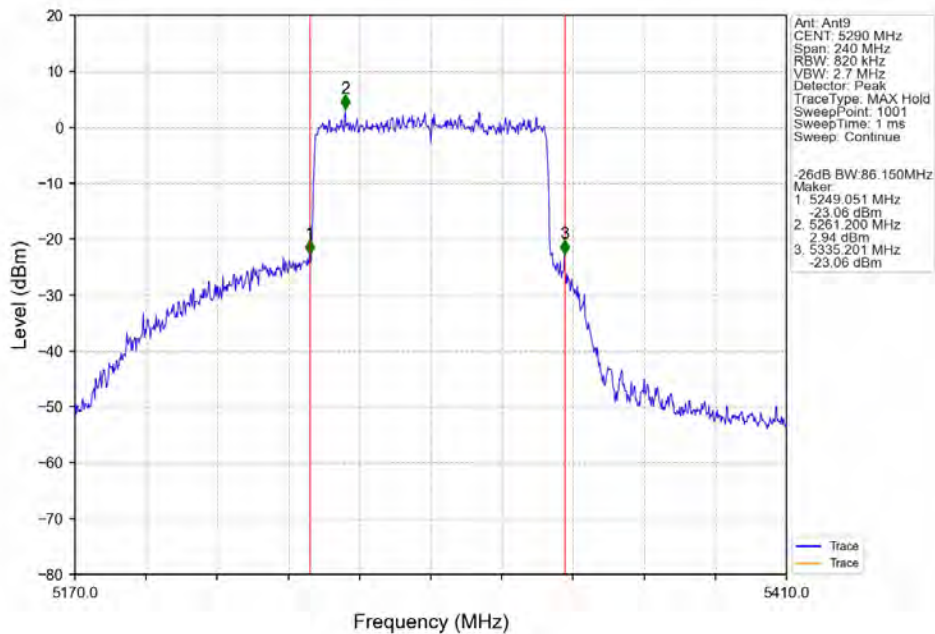
802.11ax(HEW80)_MCH_5210MHz_RU996_Left_Ant9_NTNV



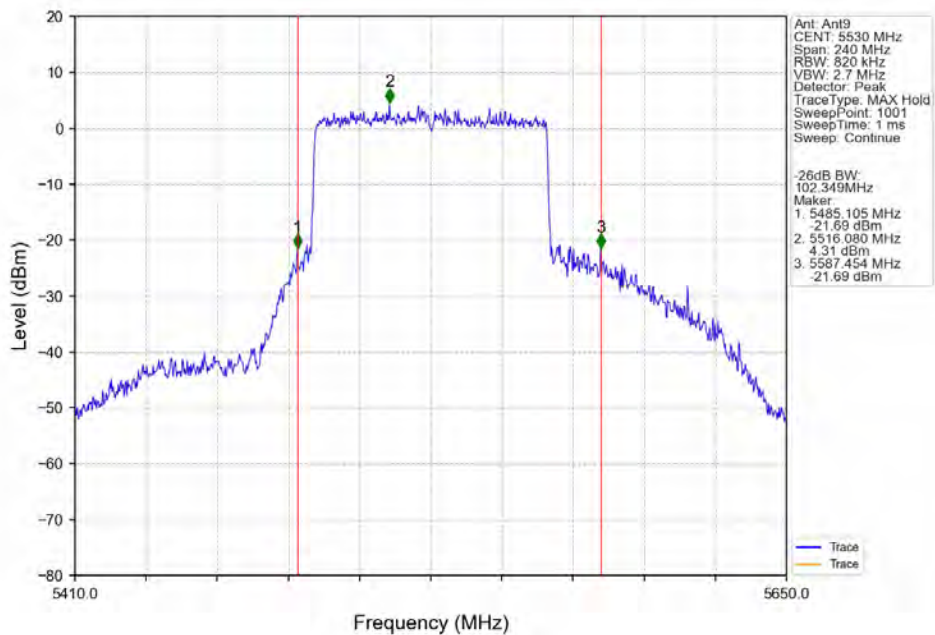
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802.11ax(HEW80)_MCH_5290MHz_RU996_Left_Ant9_NTNV



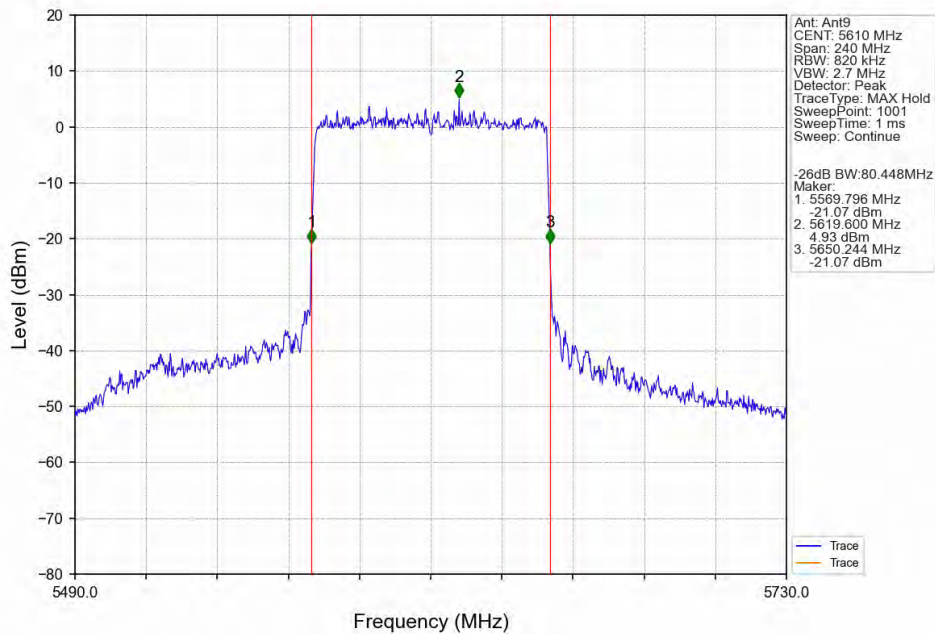
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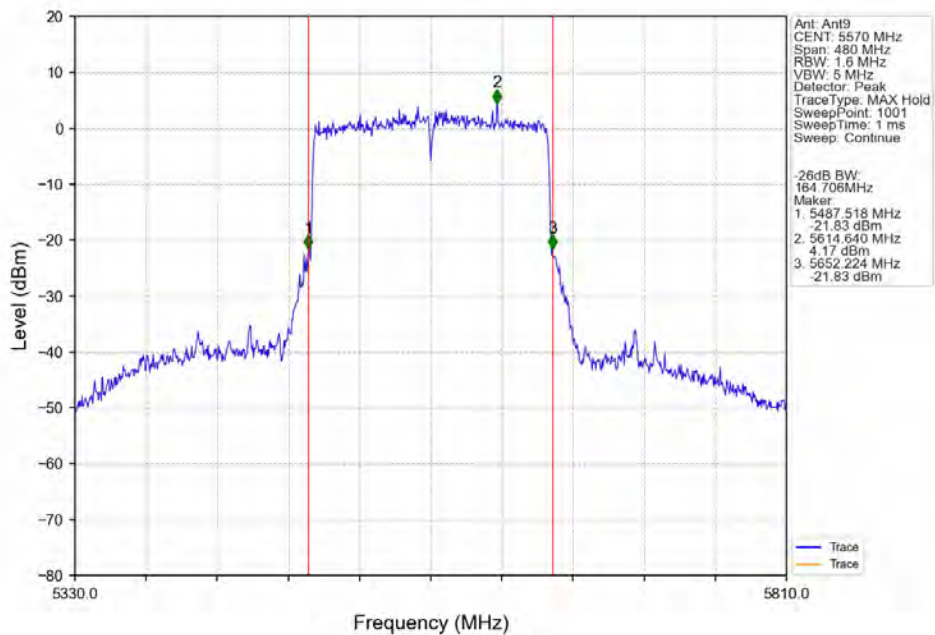
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802.11ax(HEW80)_HCH_5610MHz_RU996_Left_Ant9_NTNV



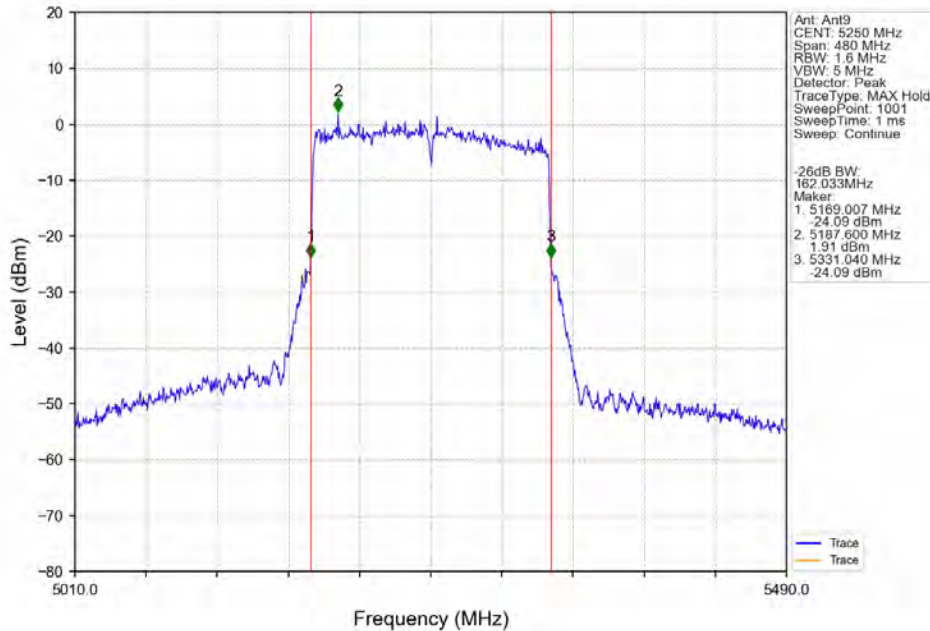
802.11ax(HEW160)_MCH_5570MHz_2xRU996_Left_Ant9_NTNV



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802.11ax(HEW160)_MCH_5250MHz_2xRU996_Left_Ant9_NTNV



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3. Maximum Conducted Output Power

3.1 Test Result

3.1.1 Power

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum Average Conducted Output Power (dBm)				Verdict
					ANT9	ANT8	MIMO	Limit	
802.11a	MIMO	5180	/	/	15.17	15.29	18.24	<=23.98	Pass
		5200	/	/	14.82	14.94	17.89	<=23.98	Pass
		5240	/	/	14.83	15.08	17.97	<=23.98	Pass
		5260	/	/	15.18	15.26	18.23	<=23.98	Pass
		5300	/	/	14.85	15.10	17.99	<=23.98	Pass
		5320	/	/	11.86	11.77	14.83	<=23.98	Pass
		5500	/	/	11.46	11.11	14.30	<=23.98	Pass
		5580	/	/	11.66	11.58	14.63	<=23.98	Pass
		5700	/	/	11.26	10.96	14.12	<=23.98	Pass
		5745	/	/	14.29	14.40	17.36	<=30	Pass
		5785	/	/	14.33	14.35	17.35	<=30	Pass
		5825	/	/	13.22	13.34	16.29	<=30	Pass
802.11n (HT20)	MIMO	5180	/	/	14.97	15.18	18.09	<=23.98	Pass
		5200	/	/	14.67	14.78	17.74	<=23.98	Pass
		5240	/	/	15.11	15.48	18.31	<=23.98	Pass
		5260	/	/	15.18	15.28	18.24	<=23.98	Pass
		5300	/	/	14.68	14.81	17.76	<=23.98	Pass
		5320	/	/	11.73	11.66	14.71	<=23.98	Pass
		5500	/	/	11.29	10.89	14.10	<=23.98	Pass
		5580	/	/	11.63	11.59	14.62	<=23.98	Pass
		5700	/	/	11.31	11.02	14.18	<=23.98	Pass
		5745	/	/	14.12	14.21	17.18	<=30	Pass
		5785	/	/	14.30	14.47	17.40	<=30	Pass
		5825	/	/	13.11	13.26	16.20	<=30	Pass
802.11n (HT40)	MIMO	5190	/	/	11.12	11.11	14.13	<=23.98	Pass
		5230	/	/	13.86	14.03	16.96	<=23.98	Pass
		5270	/	/	15.27	15.46	18.38	<=23.98	Pass
		5310	/	/	12.14	12.10	15.13	<=23.98	Pass
		5510	/	/	14.00	13.67	16.85	<=23.98	Pass
		5550	/	/	14.25	13.77	17.03	<=23.98	Pass



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		5670	/	/	13.71	13.44	16.59	<=23.98	Pass
		5755	/	/	14.35	14.28	17.33	<=30	Pass
		5795	/	/	14.39	14.44	17.43	<=30	Pass
802.11ac (VHT20)	MIMO	5180	/	/	15.15	15.25	18.21	<=23.98	Pass
		5200	/	/	14.75	14.81	17.79	<=23.98	Pass
		5240	/	/	14.58	14.85	17.73	<=23.98	Pass
		5260	/	/	15.15	15.24	18.21	<=23.98	Pass
		5300	/	/	14.59	14.76	17.69	<=23.98	Pass
		5320	/	/	11.79	11.74	14.78	<=23.98	Pass
		5500	/	/	11.41	11.06	14.25	<=23.98	Pass
		5580	/	/	11.60	11.55	14.59	<=23.98	Pass
		5700	/	/	11.31	11.04	14.19	<=23.98	Pass
		5745	/	/	14.17	14.35	17.27	<=30	Pass
		5785	/	/	14.34	14.42	17.39	<=30	Pass
		5825	/	/	13.09	13.33	16.22	<=30	Pass
802.11ac (VHT40)	MIMO	5190	/	/	11.22	11.14	14.19	<=23.98	Pass
		5230	/	/	13.83	14.12	16.99	<=23.98	Pass
		5270	/	/	15.29	15.39	18.35	<=23.98	Pass
		5310	/	/	12.21	12.19	15.21	<=23.98	Pass
		5510	/	/	14.17	13.82	17.01	<=23.98	Pass
		5550	/	/	14.28	13.90	17.10	<=23.98	Pass
		5670	/	/	13.72	13.50	16.62	<=23.98	Pass
		5755	/	/	14.44	14.50	17.48	<=30	Pass
802.11ac (VHT80)	MIMO	5795	/	/	14.48	14.59	17.55	<=30	Pass
		5210	/	/	8.54	8.62	11.59	<=23.98	Pass
		5290	/	/	9.94	9.82	12.89	<=23.98	Pass
		5530	/	/	11.33	11.07	14.21	<=23.98	Pass
		5610	/	/	11.32	11.16	14.25	<=23.98	Pass
802.11ac (VHT160)	MIMO	5775	/	/	14.25	14.44	17.36	<=30	Pass
		5570	/	/	8.58	8.04	11.33	<=23.98	Pass
802.11ax (HEW20)	MIMO	5250	/	/	8.50	8.52	11.52	<=23.98	Pass
		5180	RU26	Left	7.59	7.64	10.63	<=23.98	Pass
			RU52	Left	10.66	10.77	13.73	<=23.98	Pass
			RU106	Left	13.70	13.93	16.83	<=23.98	Pass
			RU242	Left	15.19	15.38	18.30	<=23.98	Pass
		5200	RU26	Mid	7.61	7.51	10.57	<=23.98	Pass
			RU52	Mid	10.78	10.56	13.68	<=23.98	Pass
			RU106	Left	13.52	13.71	16.63	<=23.98	Pass
			RU242	Left	14.90	14.92	17.92	<=23.98	Pass
		5240	RU26	Right	7.28	7.21	10.26	<=23.98	Pass



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			RU52	Right	10.14	10.29	13.23	<=23.98	Pass
			RU106	Right	13.02	13.21	16.13	<=23.98	Pass
			RU242	Left	14.78	14.94	17.87	<=23.98	Pass
			RU26	Left	7.23	7.32	10.29	<=23.98	Pass
5260			RU52	Left	10.49	10.54	13.53	<=23.98	Pass
			RU106	Left	13.41	13.49	16.46	<=23.98	Pass
			RU242	Left	15.26	15.28	18.28	<=23.98	Pass
5300			RU26	Mid	7.44	7.38	10.42	<=23.98	Pass
			RU52	Mid	10.28	10.78	13.55	<=23.98	Pass
			RU106	Left	13.46	13.73	16.61	<=23.98	Pass
			RU242	Left	14.85	14.97	17.92	<=23.98	Pass
5320			RU26	Right	7.85	7.27	10.58	<=23.98	Pass
			RU52	Right	10.86	10.64	13.76	<=23.98	Pass
			RU106	Right	13.74	13.60	16.68	<=23.98	Pass
			RU242	Left	12.03	11.76	14.91	<=23.98	Pass
5500			RU26	Left	8.56	8.53	11.56	<=23.98	Pass
			RU52	Left	12.02	11.73	14.89	<=23.98	Pass
			RU106	Left	12.03	11.55	14.81	<=23.98	Pass
			RU242	Left	11.86	11.25	14.58	<=23.98	Pass
5580			RU26	Mid	9.11	9.35	12.24	<=23.98	Pass
			RU52	Mid	12.25	12.27	15.27	<=23.98	Pass
			RU106	Left	12.17	12.20	15.20	<=23.98	Pass
			RU242	Left	12.17	12.00	15.10	<=23.98	Pass
5700			RU26	Right	9.20	8.82	12.02	<=23.98	Pass
			RU52	Right	12.30	12.13	15.23	<=23.98	Pass
			RU106	Right	12.20	11.94	15.08	<=23.98	Pass
			RU242	Left	11.54	11.17	14.37	<=23.98	Pass
5745			RU26	Left	7.81	7.67	10.75	<=30	Pass
			RU52	Left	11.06	11.05	14.07	<=30	Pass
			RU106	Left	13.83	13.79	16.82	<=30	Pass
			RU242	Left	14.37	14.55	17.47	<=30	Pass
5785			RU26	Mid	7.96	7.96	10.97	<=30	Pass
			RU52	Mid	10.86	11.06	13.97	<=30	Pass
			RU106	Left	13.61	13.58	16.61	<=30	Pass
			RU242	Left	14.37	14.68	17.54	<=30	Pass
5825			RU26	Right	7.66	7.77	10.73	<=30	Pass
			RU52	Right	10.65	10.55	13.61	<=30	Pass
			RU106	Right	13.73	13.60	16.68	<=30	Pass
			RU242	Left	13.39	13.63	16.52	<=30	Pass
802.11ax	MIMO	5190	RU242	Left	15.89	15.83	18.87	<=23.98	Pass



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(HEW40)		5230	RU484	Left	11.36	11.48	14.43	<=23.98	Pass
			RU242	Right	15.11	15.29	18.21	<=23.98	Pass
			RU484	Left	14.20	14.39	17.31	<=23.98	Pass
		5270	RU242	Left	15.44	15.51	18.49	<=23.98	Pass
			RU484	Left	15.53	15.55	18.55	<=23.98	Pass
		5310	RU242	Right	15.74	15.82	18.79	<=23.98	Pass
			RU484	Left	12.53	12.37	15.46	<=23.98	Pass
		5510	RU242	Left	12.22	11.89	15.07	<=23.98	Pass
			RU484	Left	13.92	13.60	16.77	<=23.98	Pass
		5550	RU242	Left	12.38	11.84	15.13	<=23.98	Pass
			RU484	Left	14.36	13.92	17.16	<=23.98	Pass
		5670	RU242	Right	12.04	11.64	14.85	<=23.98	Pass
			RU484	Left	13.68	13.37	16.54	<=23.98	Pass
		5755	RU242	Left	14.50	14.60	17.56	<=30	Pass
			RU484	Left	14.36	14.35	17.37	<=30	Pass
		5795	RU242	Right	14.72	14.79	17.77	<=30	Pass
			RU484	Left	14.72	14.74	17.74	<=30	Pass
802.11ax (HEW80)	MIMO	5210	RU484	Left	11.61	11.64	14.64	<=23.98	Pass
				Right	11.25	11.27	14.27	<=23.98	Pass
			RU996	Left	8.99	8.96	11.99	<=23.98	Pass
		5290	RU484	Left	15.72	15.66	18.70	<=23.98	Pass
				Right	15.86	15.99	18.94	<=23.98	Pass
			RU996	Left	11.28	11.00	14.15	<=23.98	Pass
		5530	RU484	Left	14.33	14.32	17.34	<=23.98	Pass
			RU996	Left	12.38	12.18	15.29	<=23.98	Pass
		5610	RU484	Right	14.26	14.28	17.28	<=23.98	Pass
			RU996	Left	12.27	12.11	15.20	<=23.98	Pass
		5775	RU484	Left	14.66	14.79	17.74	<=30	Pass
				Right	14.61	14.83	17.73	<=30	Pass
			RU996	Left	14.49	14.57	17.54	<=30	Pass
802.11ax (HEW160)	MIMO	5570	RU996	Left	12.10	11.79	14.96	<=23.98	Pass
				Right	12.23	12.22	15.24	<=23.98	Pass
			2xRU996	Left	11.80	11.36	14.60	<=23.98	Pass
		5250	RU996	Left	11.63	11.76	14.71	<=23.98	Pass
				Right	11.05	11.20	14.14	<=23.98	Pass
			2xRU996	Left	8.68	8.85	11.78	<=23.98	Pass

Note1: Antenna Gain: Ant9: -1.05dBi; Ant8: -0.50dBi;

Note2: Directional Gain: -0.5dBi, 0.5dBi, 0.3dBi

4. Maximum Power Spectral Density



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4.1 Test Result

4.1.1 PSD

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/MHz)				Verdict
					ANT9	ANT8	MIMO	Limit	
802.11a	MIMO	5180	/	/	5.11	5.32	8.10	<=11	Pass
		5200	/	/	4.74	4.92	7.71	<=11	Pass
		5240	/	/	4.65	5.01	7.81	<=11	Pass
		5260	/	/	5.07	5.16	8.05	<=11	Pass
		5300	/	/	4.71	5.06	7.76	<=11	Pass
		5320	/	/	1.79	1.70	4.63	<=11	Pass
		5500	/	/	1.25	1.01	4.06	<=11	Pass
		5580	/	/	1.55	1.56	4.43	<=11	Pass
		5700	/	/	1.13	0.77	3.90	<=11	Pass
802.11n (HT20)	MIMO	5180	/	/	4.63	4.76	7.60	<=11	Pass
		5200	/	/	4.33	4.53	7.34	<=11	Pass
		5240	/	/	4.79	5.27	7.95	<=11	Pass
		5260	/	/	4.94	5.12	8.04	<=11	Pass
		5300	/	/	4.45	4.58	7.37	<=11	Pass
		5320	/	/	1.46	1.51	4.37	<=11	Pass
		5500	/	/	1.10	0.71	3.65	<=11	Pass
		5580	/	/	1.24	1.33	4.18	<=11	Pass
802.11n (HT40)	MIMO	5190	/	/	-2.33	-2.36	0.61	<=11	Pass
		5230	/	/	0.44	0.64	3.42	<=11	Pass
		5270	/	/	1.80	2.17	4.94	<=11	Pass
		5310	/	/	-1.37	-1.33	1.66	<=11	Pass
		5510	/	/	0.49	0.27	3.31	<=11	Pass
		5550	/	/	0.80	0.33	3.56	<=11	Pass
		5670	/	/	0.35	-0.03	3.05	<=11	Pass
802.11ac (VHT20)	MIMO	5180	/	/	4.89	4.92	7.91	<=11	Pass
		5200	/	/	4.43	4.51	7.47	<=11	Pass
		5240	/	/	4.28	4.65	7.32	<=11	Pass
		5260	/	/	4.98	5.07	8.00	<=11	Pass
		5300	/	/	4.26	4.47	7.33	<=11	Pass
		5320	/	/	1.56	1.40	4.41	<=11	Pass
		5500	/	/	1.08	0.84	3.91	<=11	Pass
		5580	/	/	1.44	1.33	4.28	<=11	Pass
		5700	/	/	1.15	0.73	3.82	<=11	Pass
802.11ac	MIMO	5190	/	/	-2.15	-2.36	0.76	<=11	Pass



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(VHT40)		5230	/	/	0.37	0.62	3.40	<=11	Pass
		5270	/	/	1.81	2.03	4.83	<=11	Pass
		5310	/	/	-1.43	-1.31	1.60	<=11	Pass
		5510	/	/	0.81	0.44	3.54	<=11	Pass
		5550	/	/	0.80	0.41	3.56	<=11	Pass
		5670	/	/	0.23	0.13	3.08	<=11	Pass
802.11ac (VHT80)	MIMO	5210	/	/	-9.09	-9.03	-6.19	<=11	Pass
		5290	/	/	-7.63	-7.76	-4.81	<=11	Pass
		5530	/	/	-6.45	-6.65	-3.60	<=11	Pass
		5610	/	/	-6.50	-6.29	-3.42	<=11	Pass
802.11ac (VHT160)	MIMO	5570	/	/	-11.62	-12.37	-9.02	<=11	Pass
		5250	/	/	-11.66	-11.53	-8.71	<=11	Pass
802.11ax (HEW20)	MIMO	5180	RU26	Left	5.27	5.23	8.21	<=11	Pass
			RU52	Left	4.15	4.34	7.16	<=11	Pass
			RU106	Left	4.12	4.55	7.13	<=11	Pass
			RU242	Left	3.33	3.74	6.44	<=11	Pass
		5200	RU26	Mid	3.93	3.77	6.81	<=11	Pass
			RU52	Mid	3.87	4.02	6.86	<=11	Pass
			RU106	Left	3.96	4.09	6.90	<=11	Pass
			RU242	Left	3.08	3.58	6.33	<=11	Pass
		5240	RU26	Right	4.84	4.80	7.73	<=11	Pass
			RU52	Right	3.63	3.84	6.50	<=11	Pass
			RU106	Right	3.36	3.85	6.50	<=11	Pass
			RU242	Left	2.86	3.59	6.21	<=11	Pass
		5260	RU26	Left	5.12	5.12	8.12	<=11	Pass
			RU52	Left	4.92	5.41	8.15	<=11	Pass
			RU106	Left	4.96	5.13	7.92	<=11	Pass
			RU242	Left	4.69	5.10	7.77	<=11	Pass
		5300	RU26	Mid	3.57	4.03	6.77	<=11	Pass
			RU52	Mid	4.50	5.32	7.77	<=11	Pass
			RU106	Left	4.61	5.26	7.88	<=11	Pass
			RU242	Left	3.95	4.58	7.24	<=11	Pass
		5320	RU26	Right	5.27	4.86	8.05	<=11	Pass
			RU52	Right	4.72	3.53	7.07	<=11	Pass
			RU106	Right	4.57	3.65	7.05	<=11	Pass
			RU242	Left	0.68	-0.20	3.20	<=11	Pass
		5500	RU26	Left	6.63	6.85	9.69	<=11	Pass
			RU52	Left	6.27	6.21	9.06	<=11	Pass
			RU106	Left	3.36	2.99	6.08	<=11	Pass
			RU242	Left	1.08	0.42	3.61	<=11	Pass



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		5580	RU26	Mid	5.46	5.82	8.66	<=11	Pass
			RU52	Mid	6.70	6.94	9.68	<=11	Pass
			RU106	Left	3.79	3.73	6.62	<=11	Pass
			RU242	Left	1.78	1.63	4.62	<=11	Pass
		5700	RU26	Right	6.44	6.20	9.25	<=11	Pass
			RU52	Right	6.51	6.48	9.43	<=11	Pass
			RU106	Right	3.62	3.30	6.31	<=11	Pass
			RU242	Left	0.82	0.35	3.44	<=11	Pass
802.11ax (HEW40)	MIMO	5190	RU242	Left	3.85	4.00	6.75	<=11	Pass
			RU484	Left	-2.17	-1.91	0.86	<=11	Pass
		5230	RU242	Right	3.50	3.55	6.39	<=11	Pass
			RU484	Left	0.52	0.73	3.53	<=11	Pass
		5270	RU242	Left	3.82	3.79	6.59	<=11	Pass
			RU484	Left	2.11	2.07	4.94	<=11	Pass
		5310	RU242	Right	4.14	4.02	6.97	<=11	Pass
			RU484	Left	-1.14	-1.20	1.80	<=11	Pass
		5510	RU242	Left	0.35	0.02	3.08	<=11	Pass
			RU484	Left	0.53	0.06	3.21	<=11	Pass
		5550	RU242	Left	0.50	0.05	3.19	<=11	Pass
			RU484	Left	1.00	0.02	3.49	<=11	Pass
802.11ax (HEW80)	MIMO	5210	RU484	Left	-3.12	-3.43	-0.36	<=11	Pass
				Right	-3.65	-3.38	-0.58	<=11	Pass
			RU996	Left	-8.81	-8.79	-5.79	<=11	Pass
		5290	RU484	Left	1.11	1.03	3.94	<=11	Pass
				Right	1.20	1.25	4.18	<=11	Pass
			RU996	Left	-6.52	-6.73	-3.76	<=11	Pass
		5530	RU484	Left	-0.36	-0.24	2.59	<=11	Pass
			RU996	Left	-5.36	-5.65	-2.57	<=11	Pass
		5610	RU484	Right	-0.22	-0.29	2.53	<=11	Pass
			RU996	Left	-5.47	-5.47	-2.65	<=11	Pass
802.11ax (HEW160)	MIMO	5570	RU996	Left	-5.97	-6.11	-3.15	<=11	Pass
				Right	-5.56	-5.52	-2.62	<=11	Pass
			2xRU996	Left	-8.57	-8.99	-5.97	<=11	Pass
		5250	RU996	Left	-6.27	-6.08	-3.29	<=11	Pass
				Right	-6.70	-3.90	-2.34	<=11	Pass
			2xRU996	Left	-11.17	-11.47	-8.62	<=11	Pass

Note1: Antenna Gain: Ant9: -1.05dBi; Ant8: -0.50dBi;

Note2: Directional Gain: Band1: 2.51dBi, Band2A: 2.51dBi, Band2C: 3.51dBi, Band3: 3.31dBi, Band1+2A: 2.51dBi



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SZEMC-TRF-01 Rev. A/1

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4.1.2 PSD-Band3

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/500kHz)				Verdict
					ANT9	ANT8	MIMO	Limit	
802.11a	MIMO	5745	/	/	1.45	1.57	4.36	<=30	Pass
		5785	/	/	1.49	1.68	4.52	<=30	Pass
		5825	/	/	0.53	0.59	3.41	<=30	Pass
802.11n (HT20)	MIMO	5745	/	/	1.01	1.27	4.05	<=30	Pass
		5785	/	/	1.27	1.39	4.25	<=30	Pass
		5825	/	/	0.08	0.30	3.12	<=30	Pass
802.11n (HT40)	MIMO	5755	/	/	-2.12	-2.07	0.78	<=30	Pass
		5795	/	/	-1.76	-1.88	1.01	<=30	Pass
802.11ac (VHT20)	MIMO	5745	/	/	1.18	1.27	4.04	<=30	Pass
		5785	/	/	1.35	1.43	4.30	<=30	Pass
		5825	/	/	0.07	0.29	3.13	<=30	Pass
802.11ac (VHT40)	MIMO	5755	/	/	-1.80	-1.76	0.99	<=30	Pass
		5795	/	/	-1.70	-1.55	1.23	<=30	Pass
802.11ac (VHT80)	MIMO	5775	/	/	-6.10	-6.00	-3.17	<=30	Pass
802.11ax (HEW20)	MIMO	5745	RU26	Left	2.62	2.61	5.49	<=30	Pass
			RU52	Left	3.16	2.65	5.88	<=30	Pass
			RU106	Left	2.76	2.49	5.62	<=30	Pass
			RU242	Left	1.23	1.22	4.02	<=30	Pass
		5785	RU26	Mid	2.37	2.49	5.26	<=30	Pass
			RU52	Mid	2.45	2.62	5.45	<=30	Pass
			RU106	Left	2.47	2.62	5.50	<=30	Pass
			RU242	Left	1.01	1.36	4.05	<=30	Pass
		5825	RU26	Right	2.57	2.31	5.34	<=30	Pass
			RU52	Right	2.44	2.42	5.27	<=30	Pass
			RU106	Right	2.16	2.52	5.17	<=30	Pass
			RU242	Left	-0.08	0.33	2.99	<=30	Pass
802.11ax (HEW40)	MIMO	5755	RU242	Left	-0.11	-0.10	2.82	<=30	Pass
			RU484	Left	-2.08	-1.92	0.84	<=30	Pass
		5795	RU242	Right	-0.24	0.00	2.86	<=30	Pass
			RU484	Left	-1.53	-1.56	1.39	<=30	Pass
802.11ax (HEW80)	MIMO	5775	RU484	Left	-2.77	-2.72	0.20	<=30	Pass
				Right	-3.01	-2.83	0.03	<=30	Pass
			RU996	Left	-5.60	-5.86	-2.91	<=30	Pass

Note1: Antenna Gain: Ant9: -0.94dBi; Ant8: 0.30dBi;



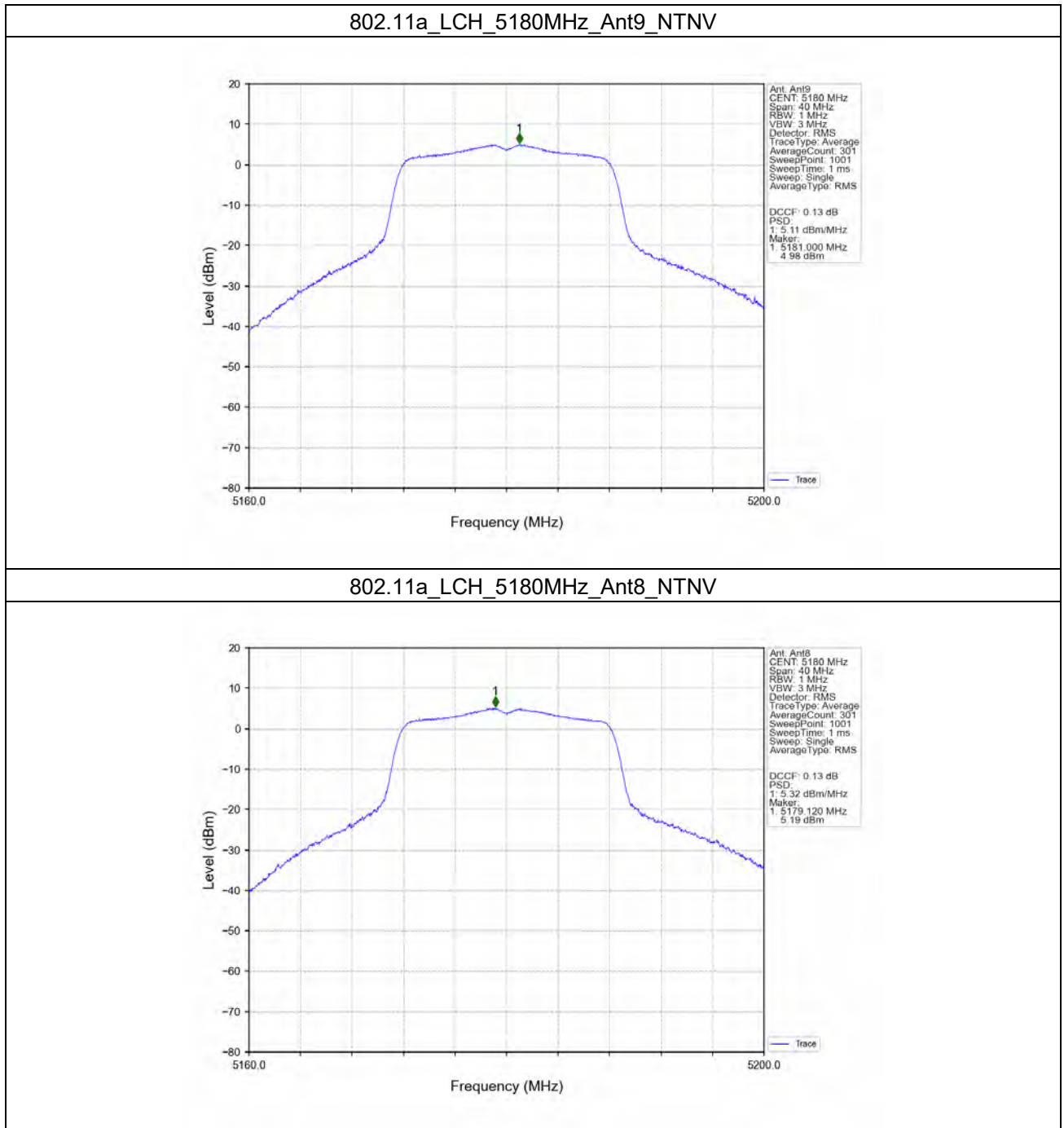
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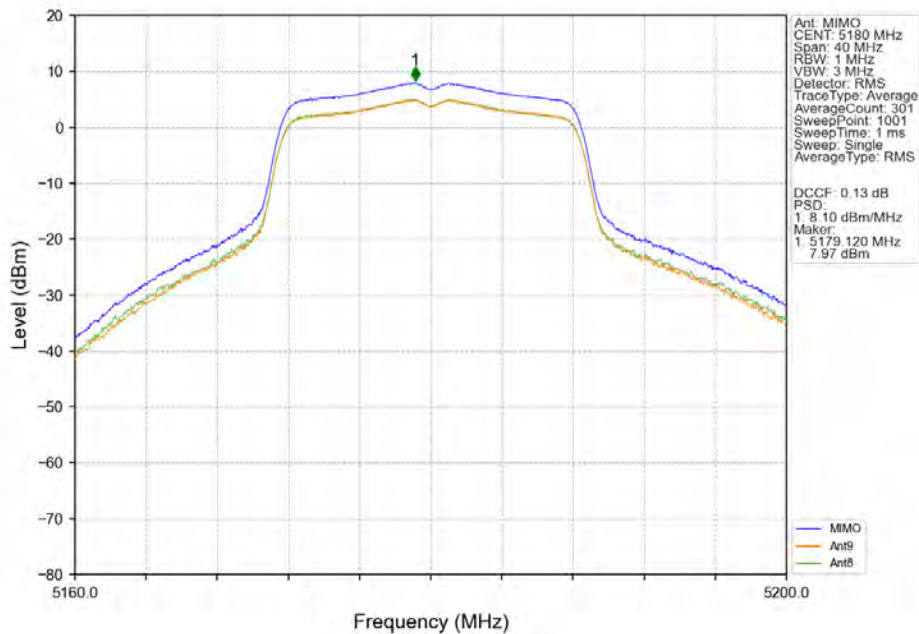
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4.2 Test Graph

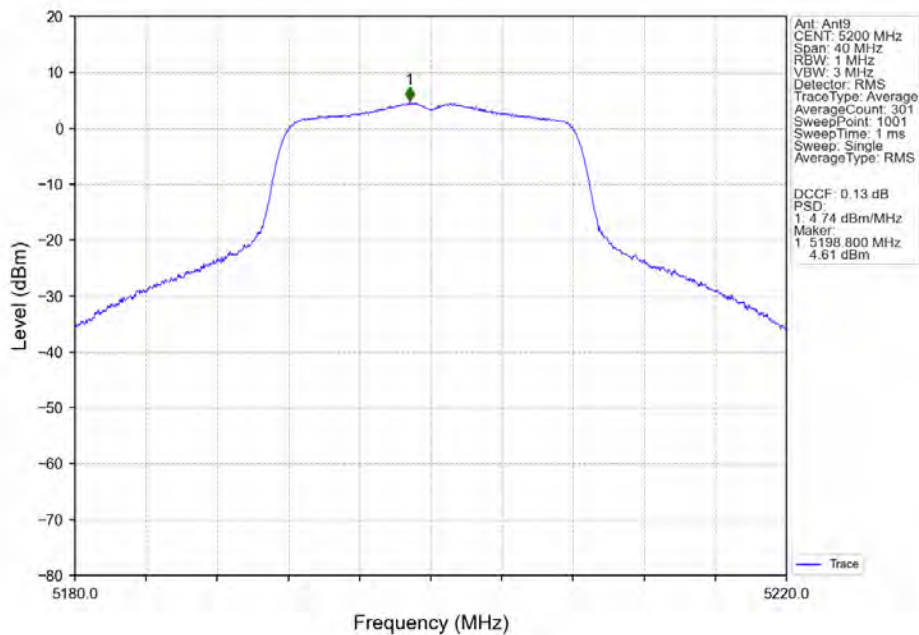
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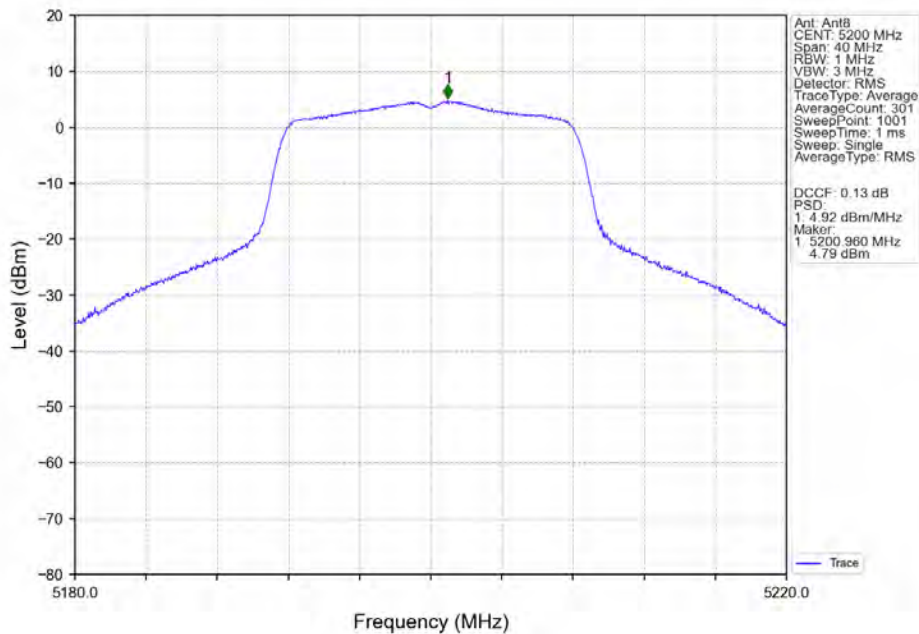
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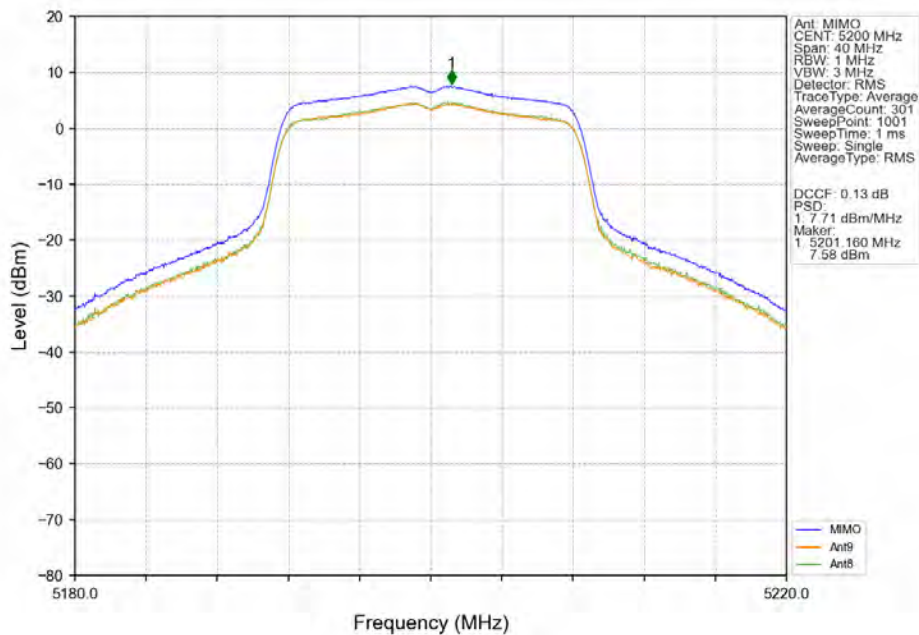
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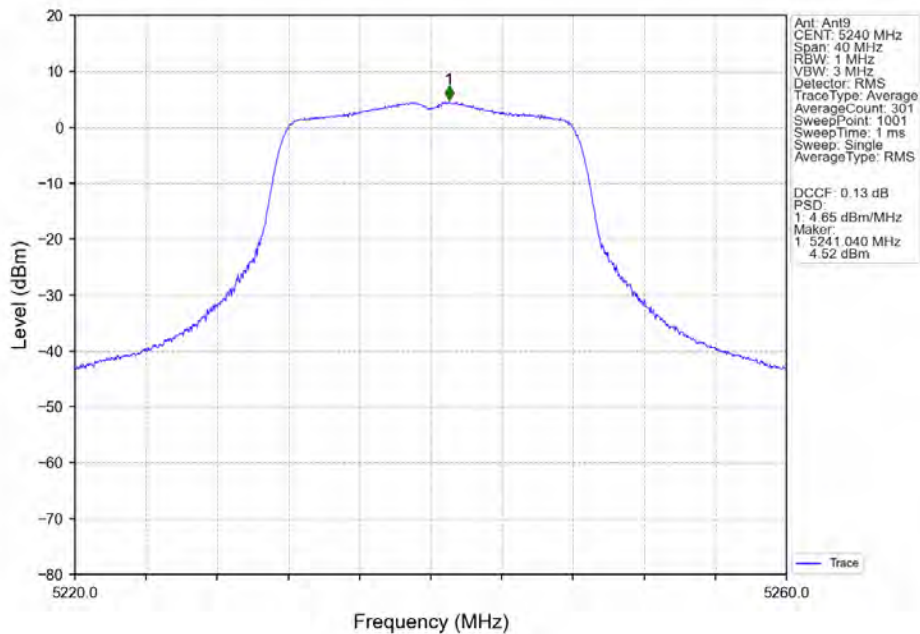
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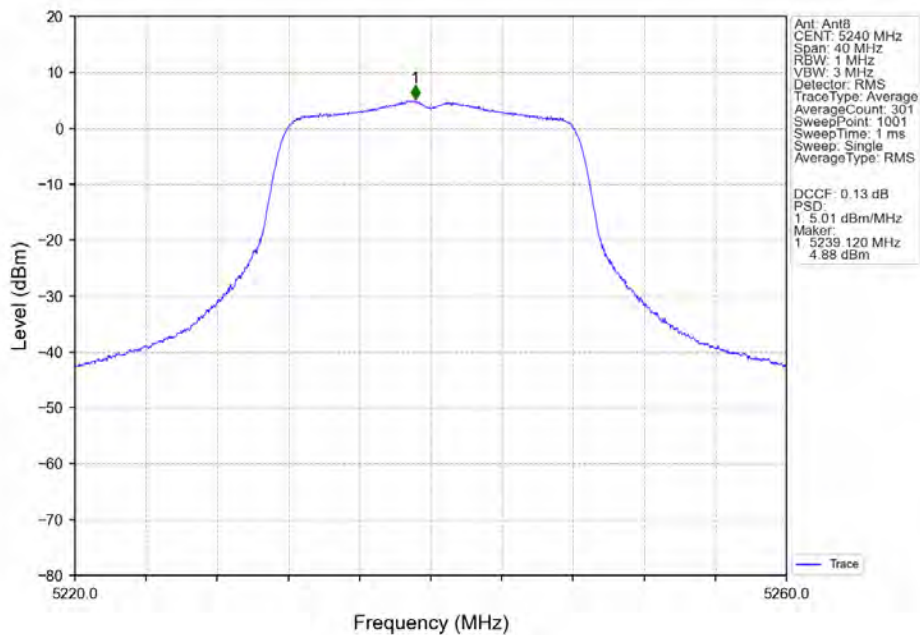
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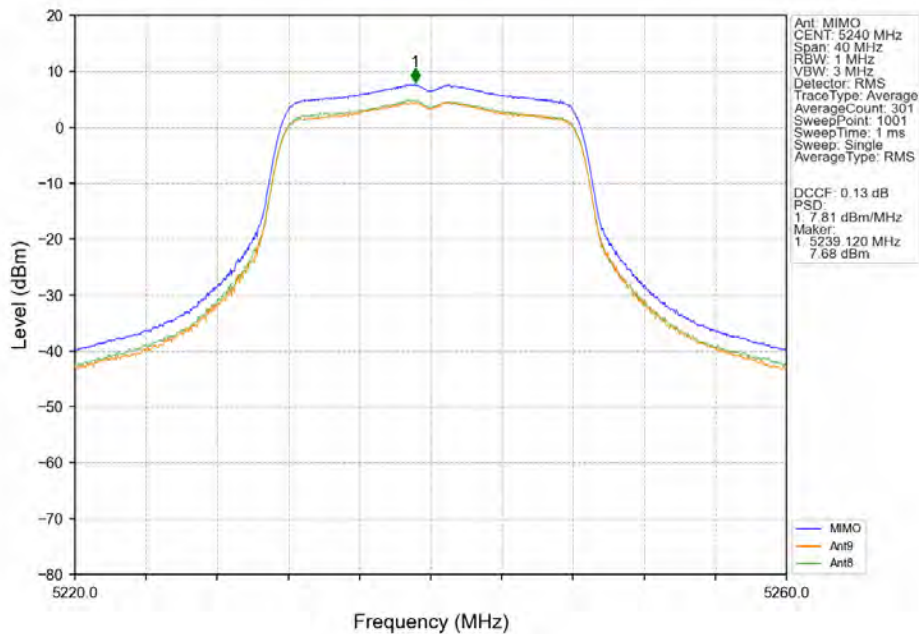
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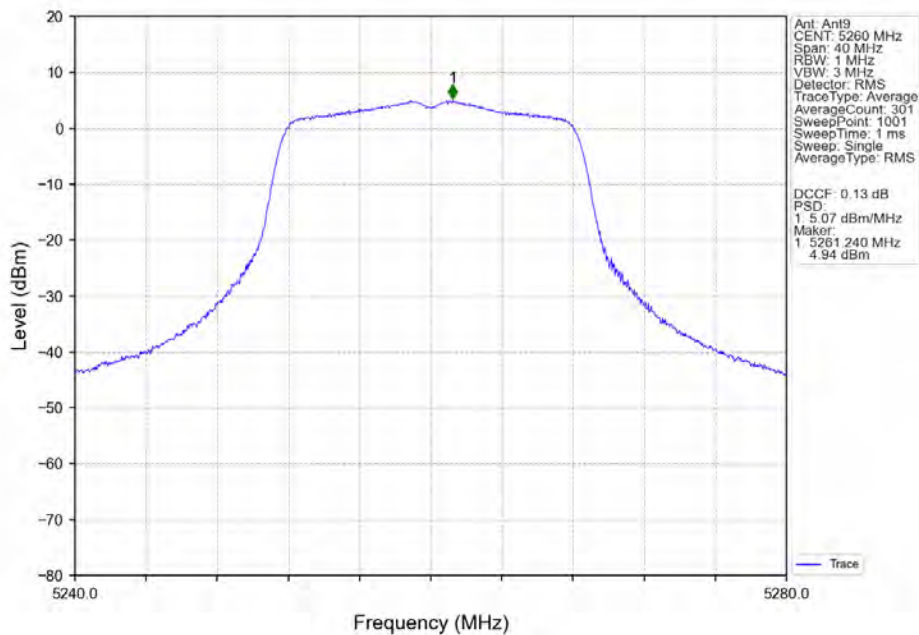
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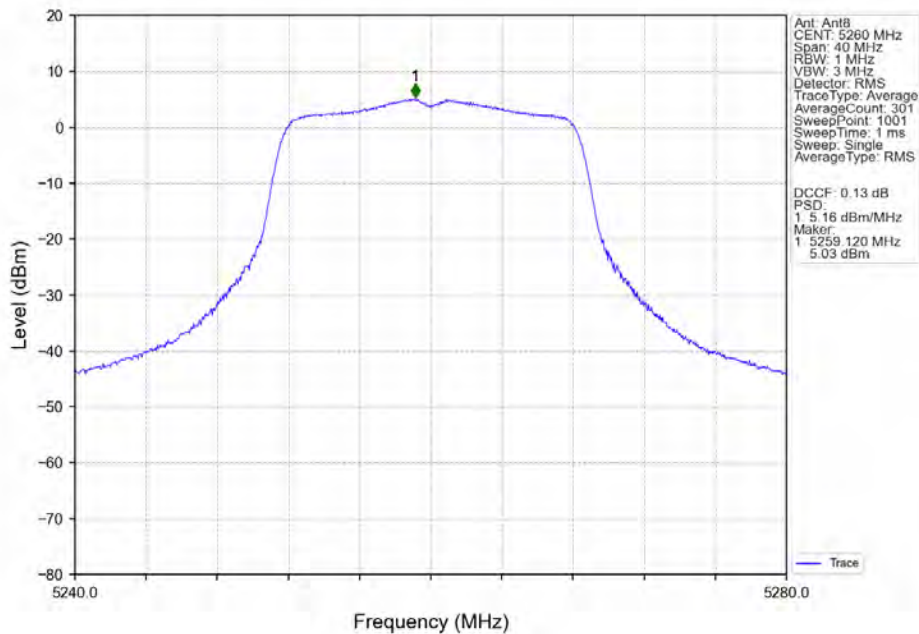
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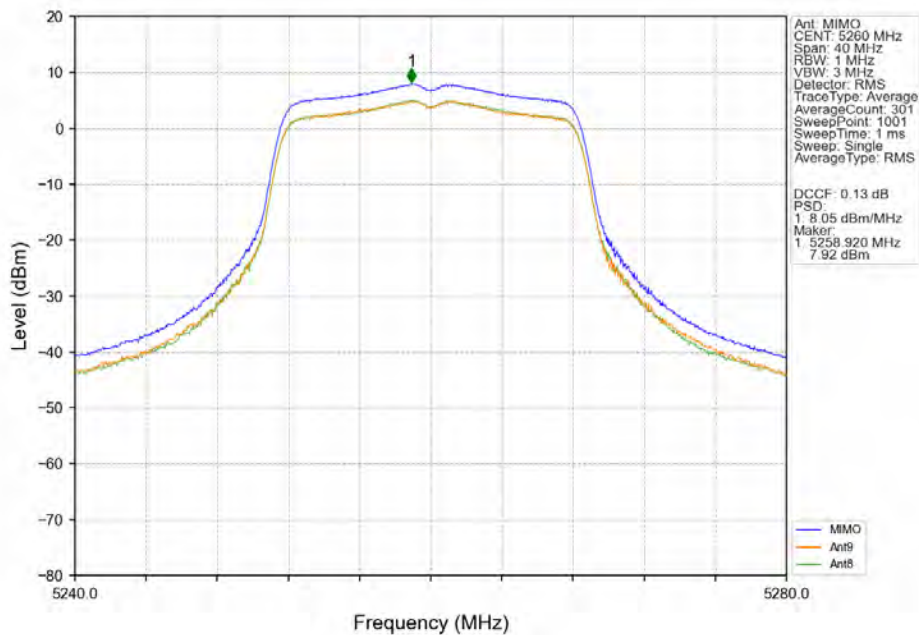
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802.11a_LCH_5260MHz_Ant8_NTNV



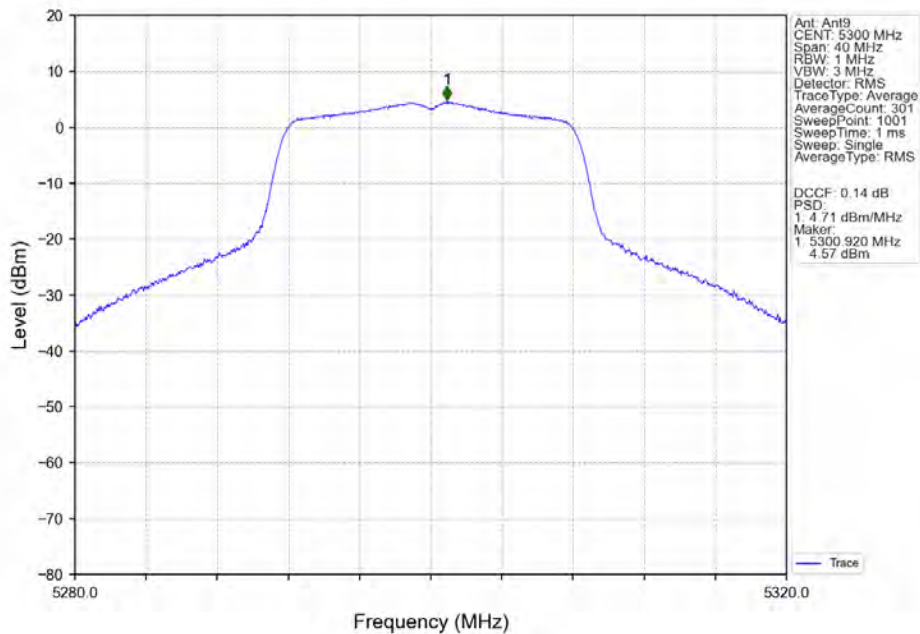
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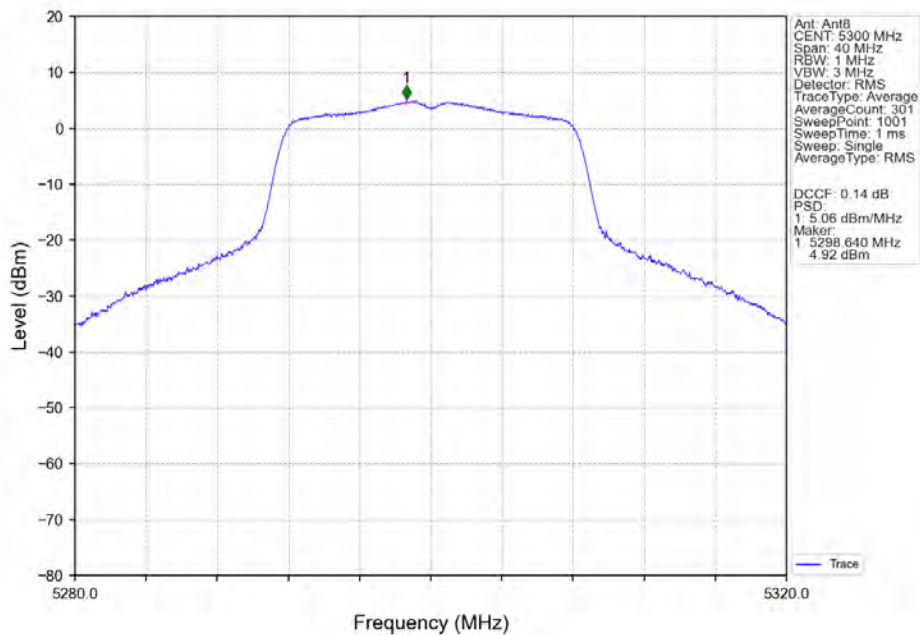
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802.11a_MCH_5300MHz_Ant8_NTNV



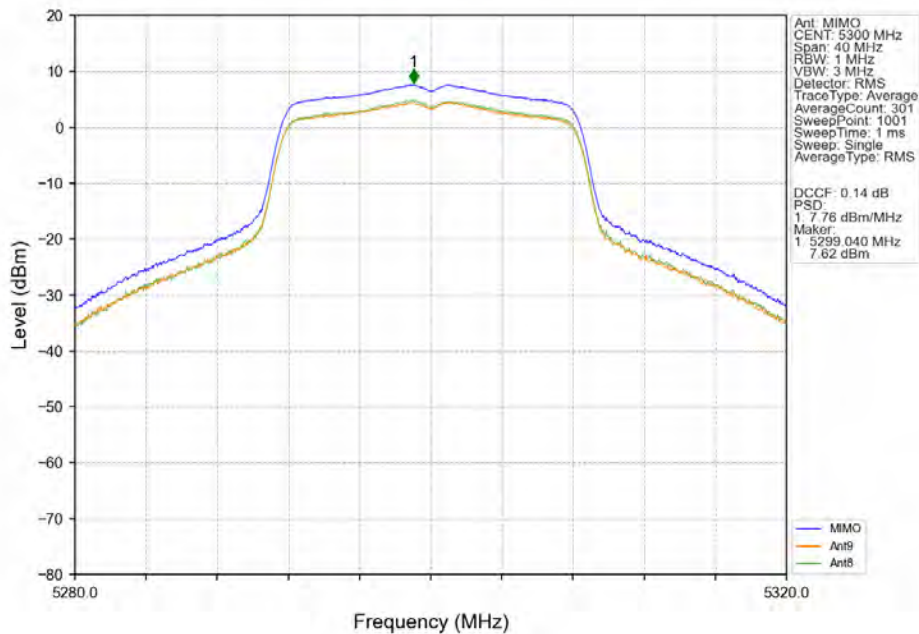
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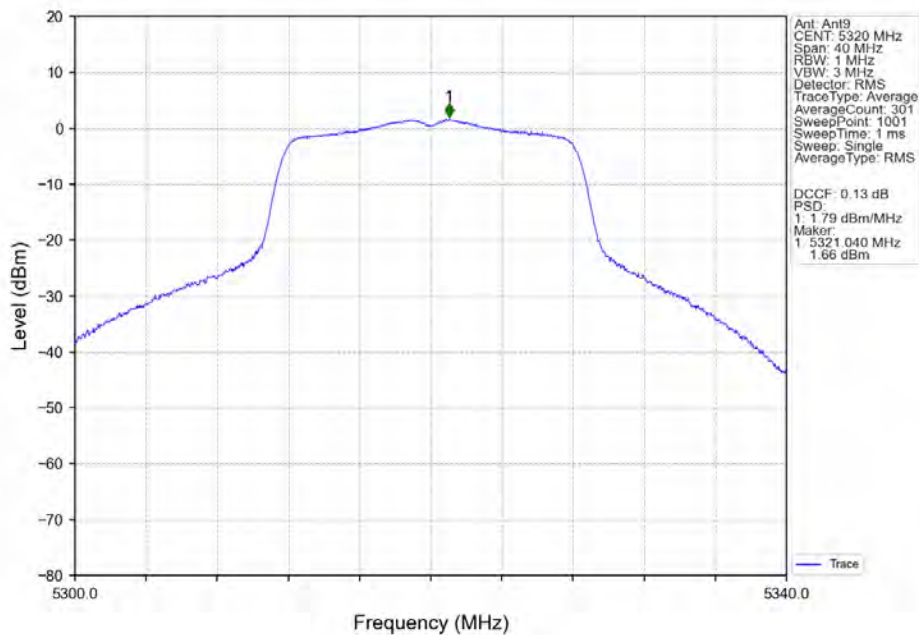
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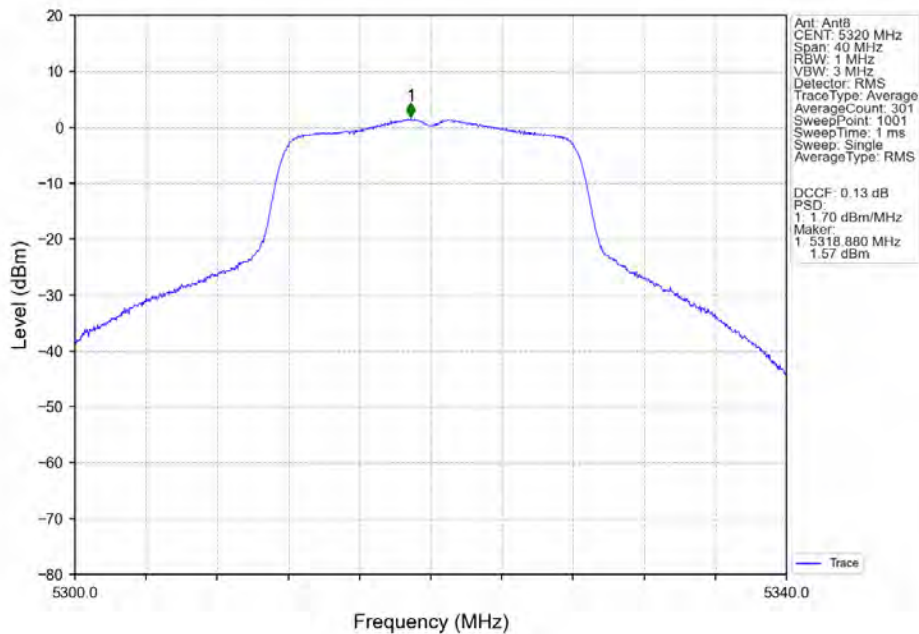
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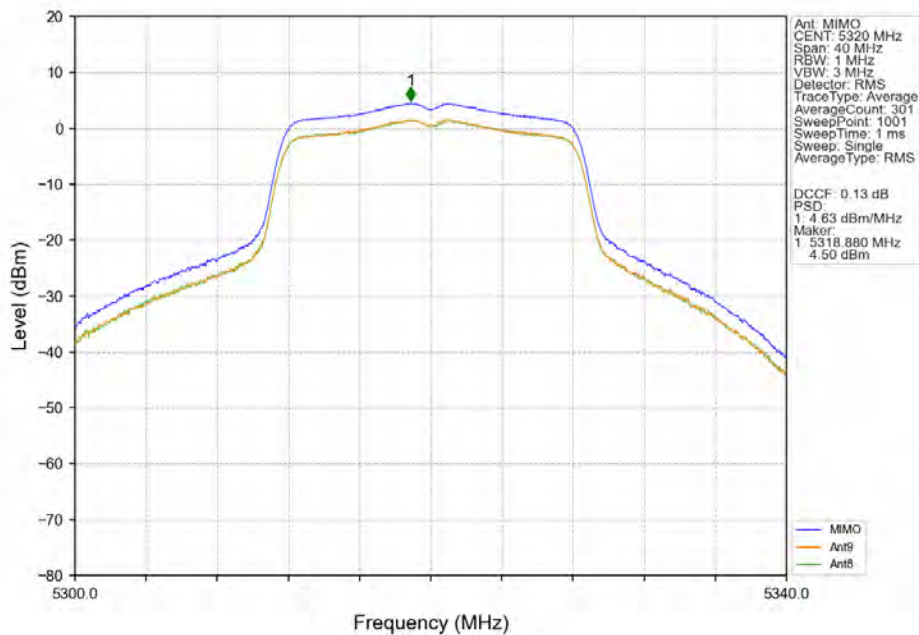
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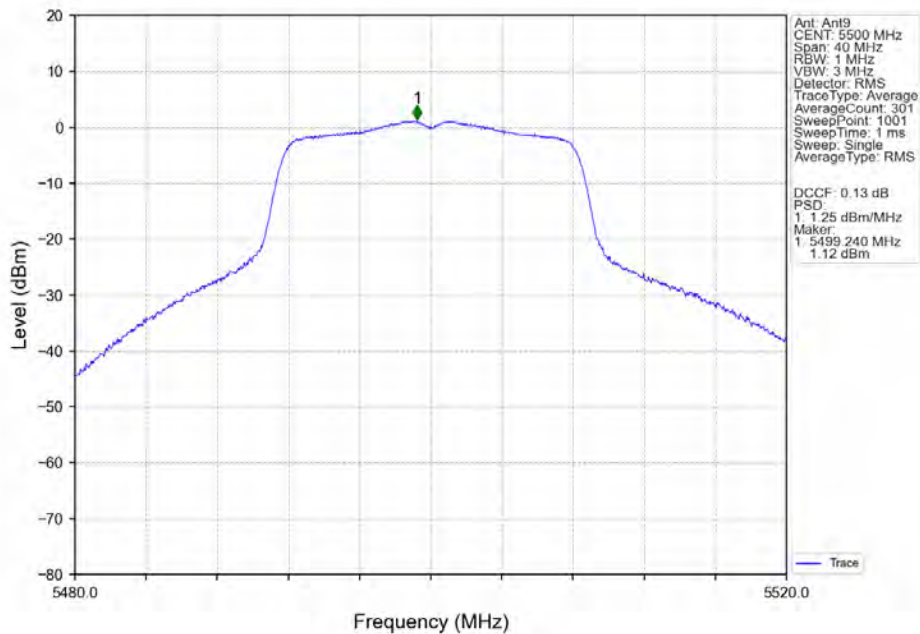
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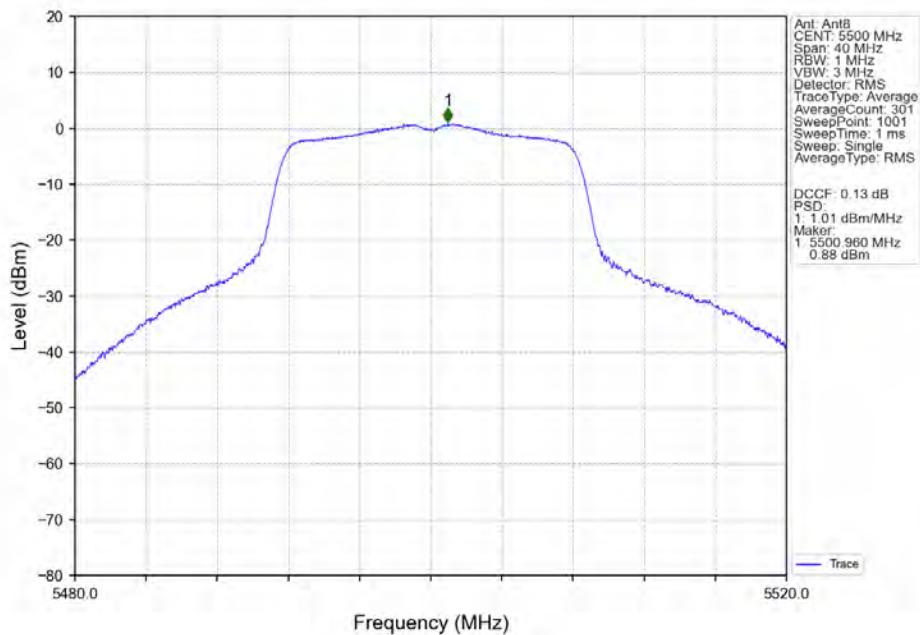
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802.11a_LCH_5500MHz_Ant9_NTNV



802.11a_LCH_5500MHz_Ant8_NTNV



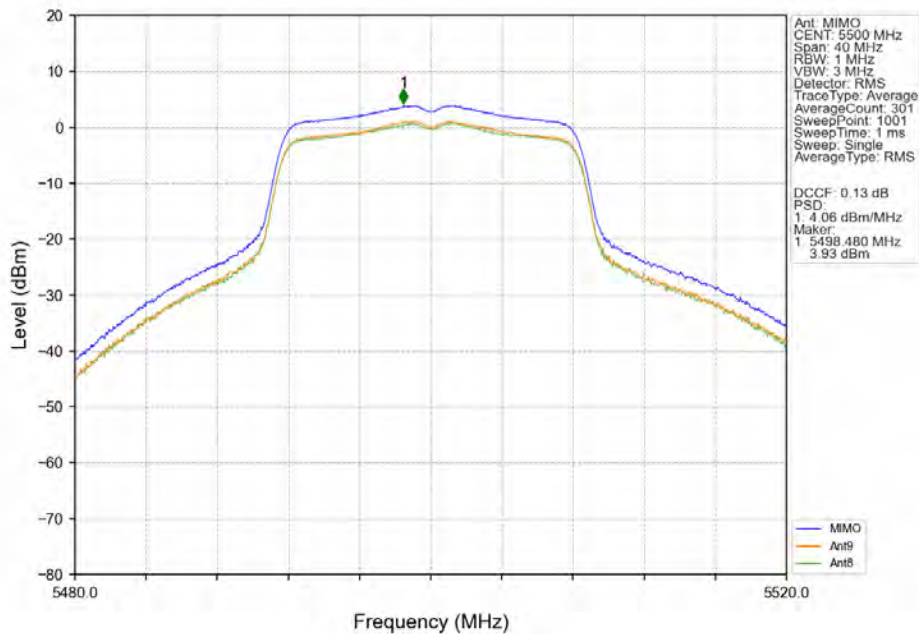
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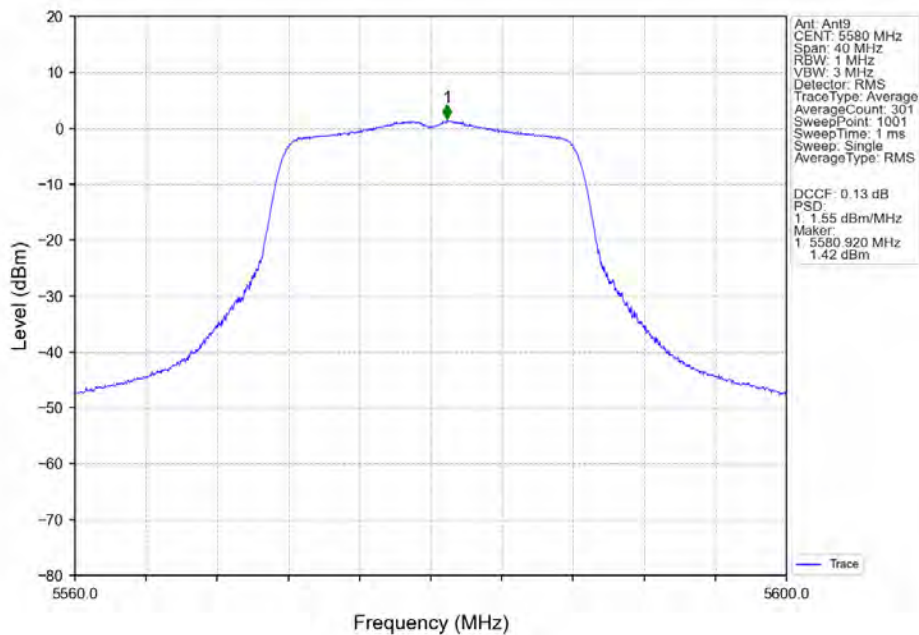
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802.11a_MCH_5580MHz_Ant9_NTNV



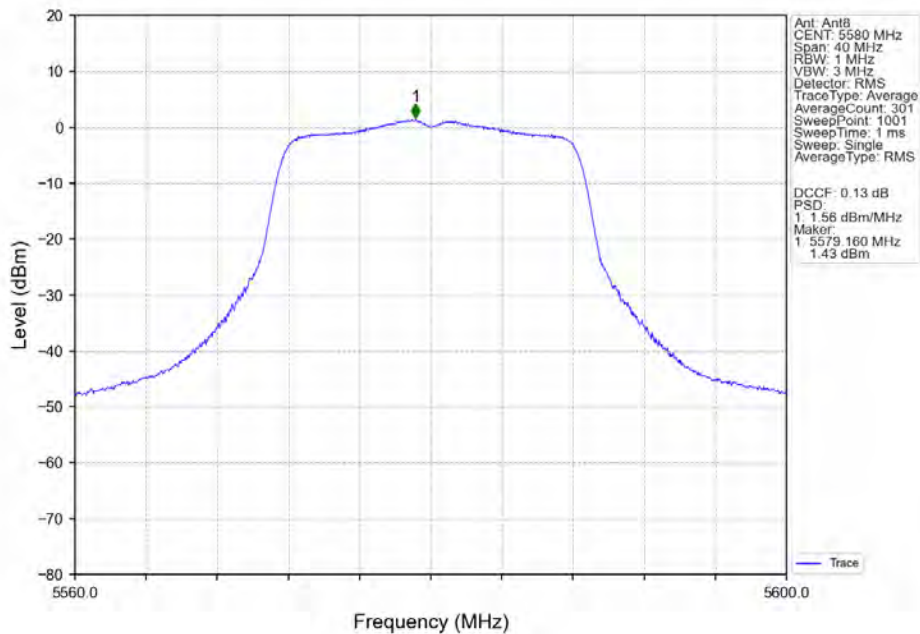
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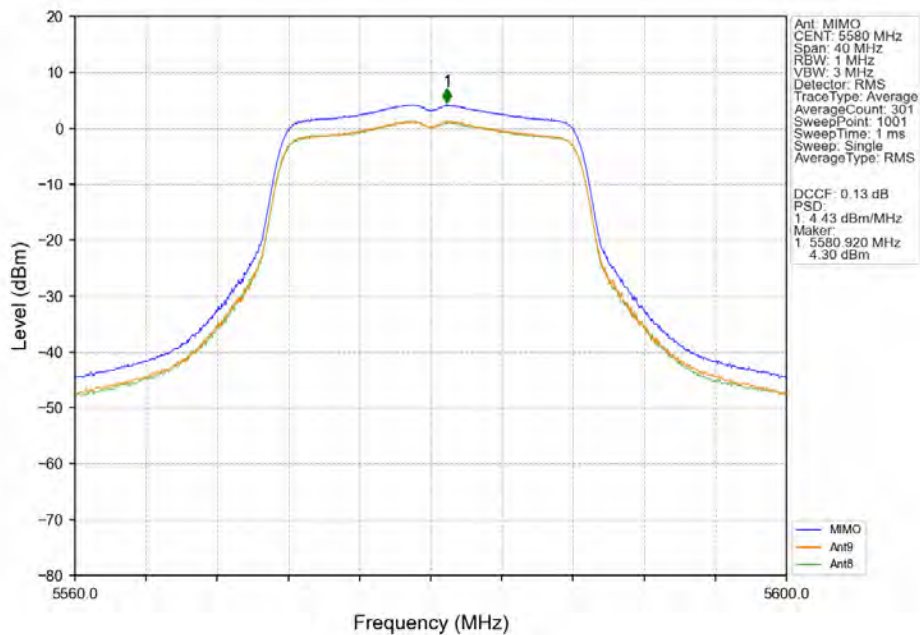
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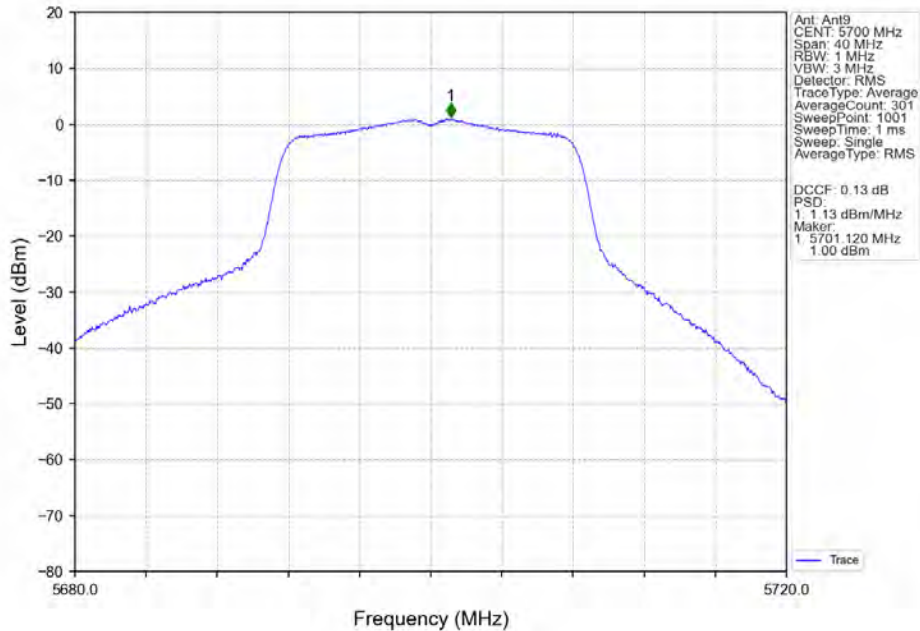
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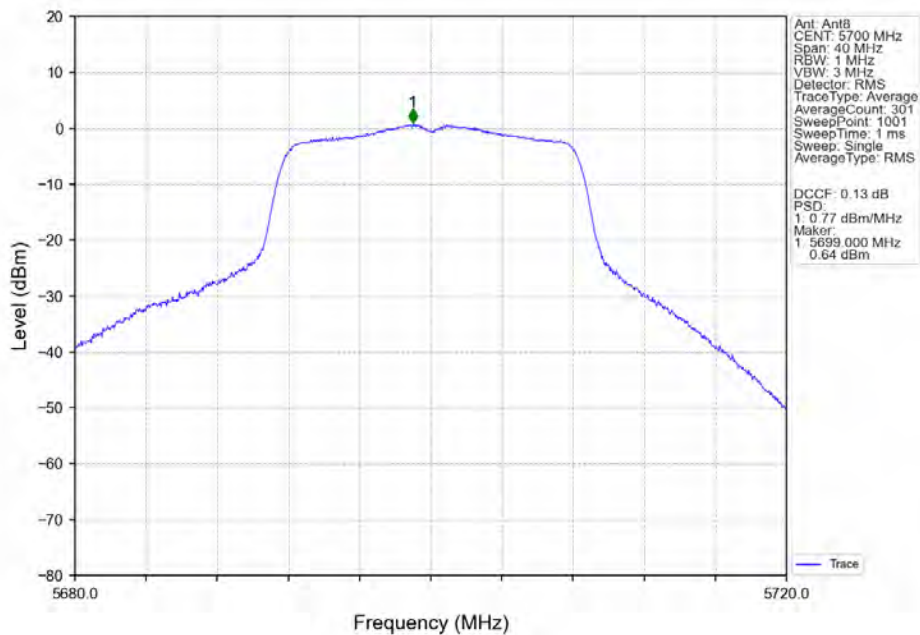
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802.11a_HCH_5700MHz_Ant9_NTNV



802.11a_HCH_5700MHz_Ant8_NTNV



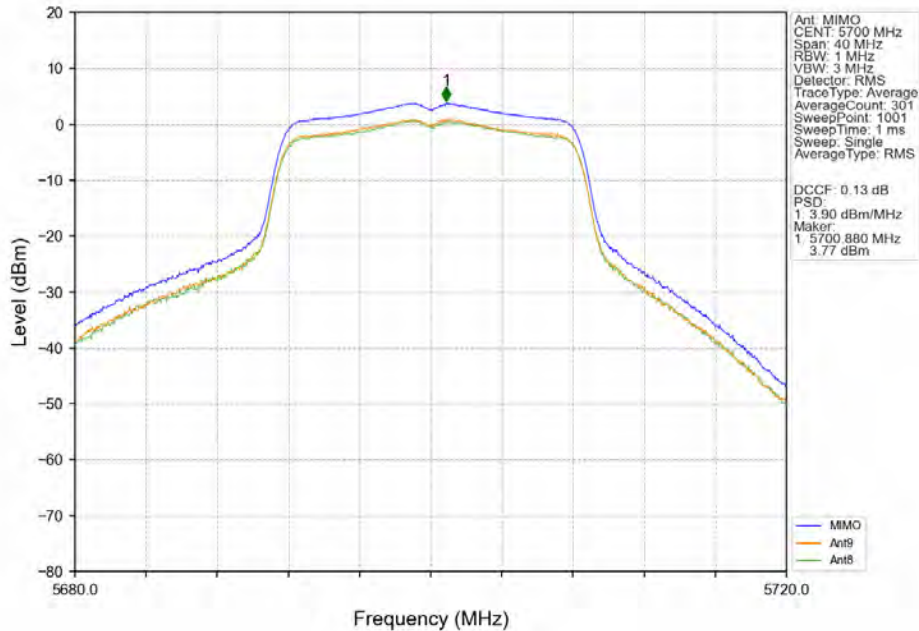
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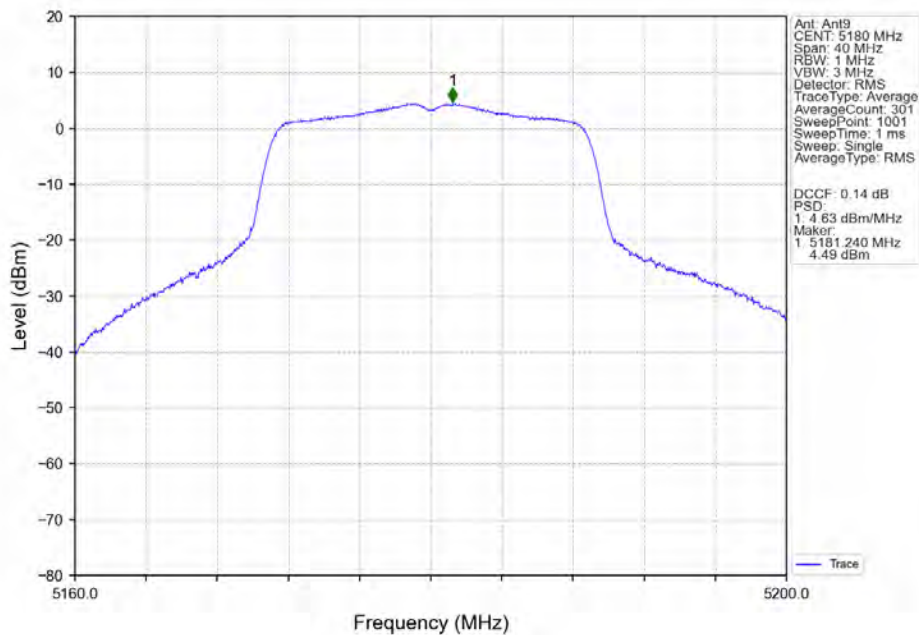
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802.11a_HCH_5700MHz_MIMO_NTNV



802.11n(HT20)_LCH_5180MHz_Ant9_NTNV



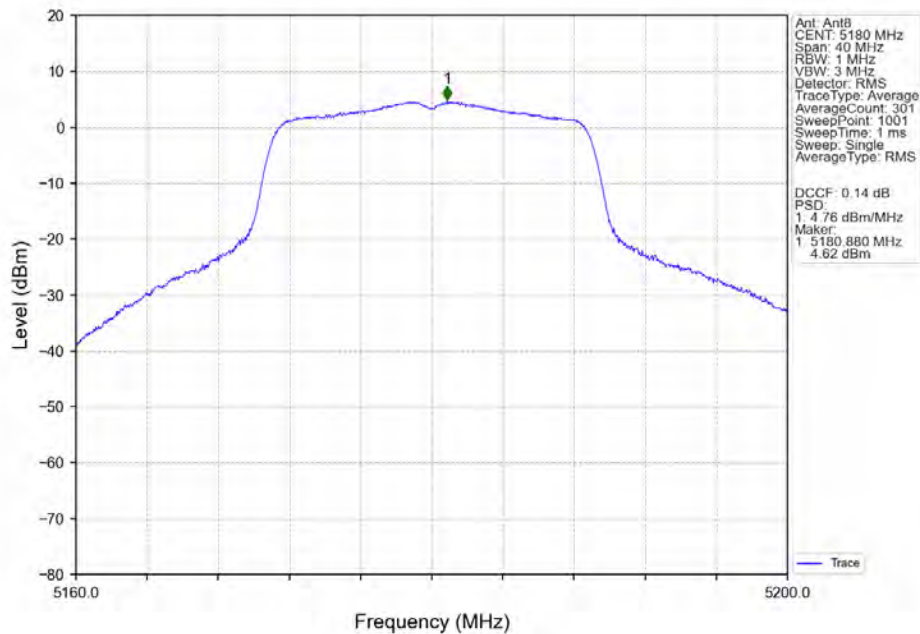
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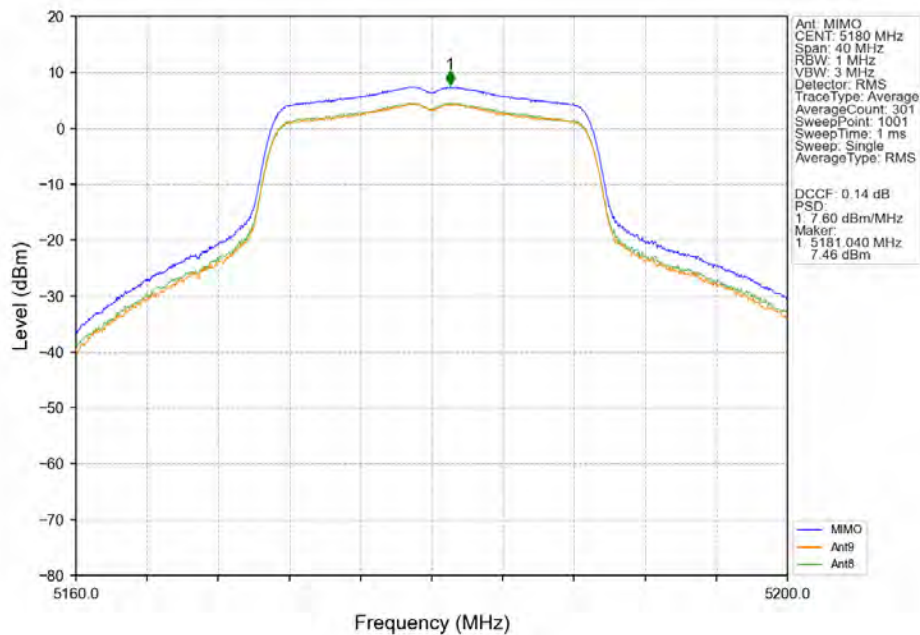
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802.11n(HT20)_LCH_5180MHz_Ant8_NTNV



802.11n(HT20)_LCH_5180MHz_MIMO_NTNV



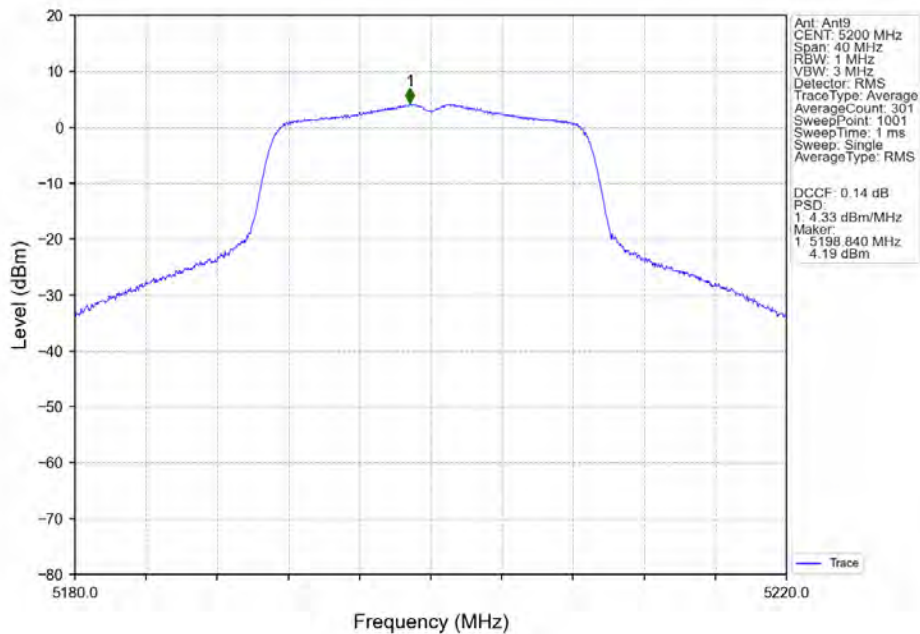
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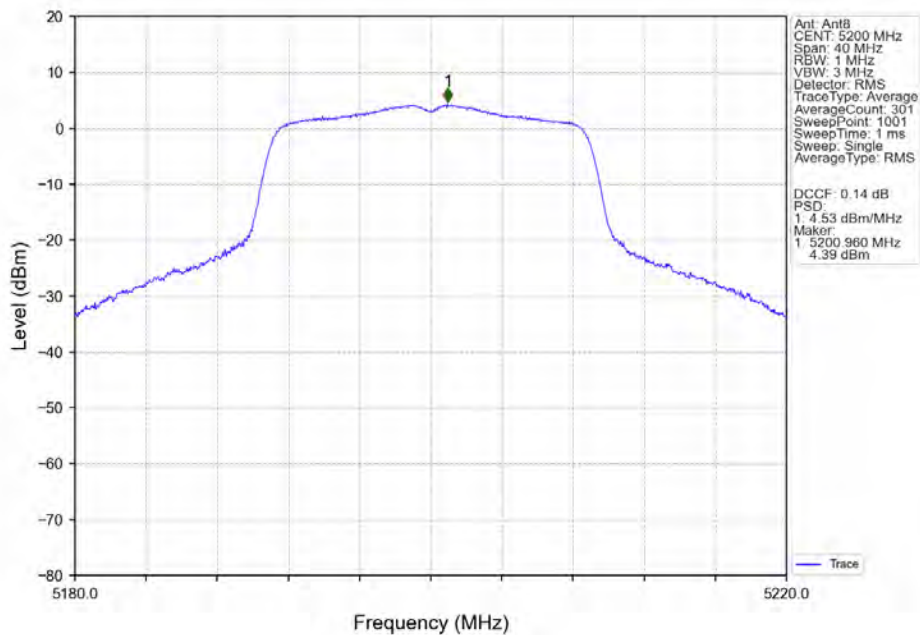
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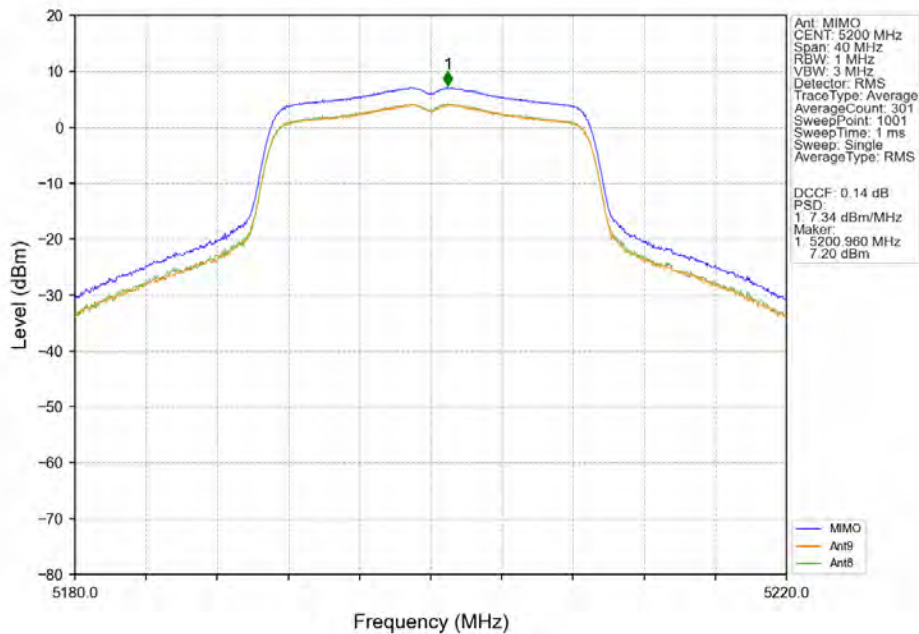
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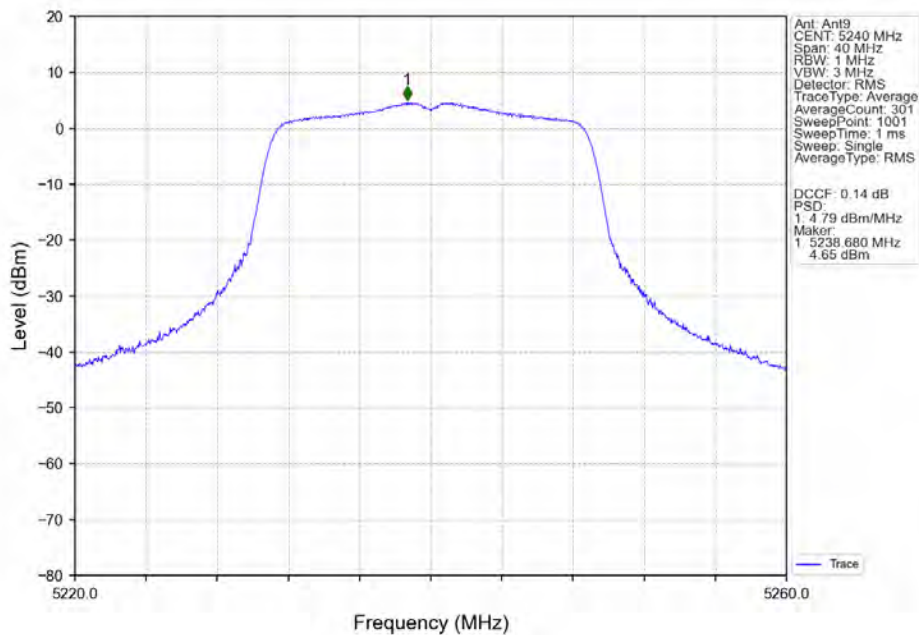
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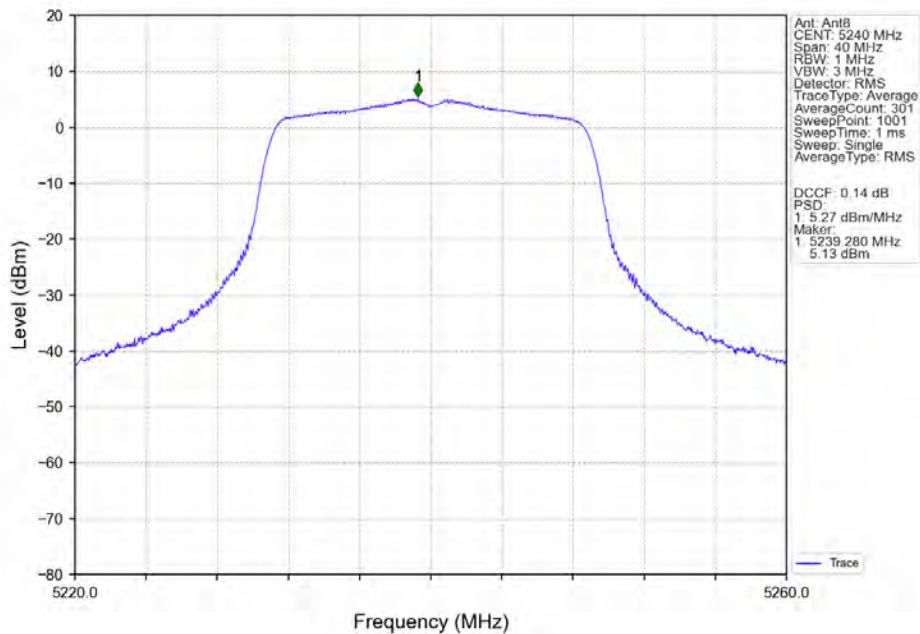
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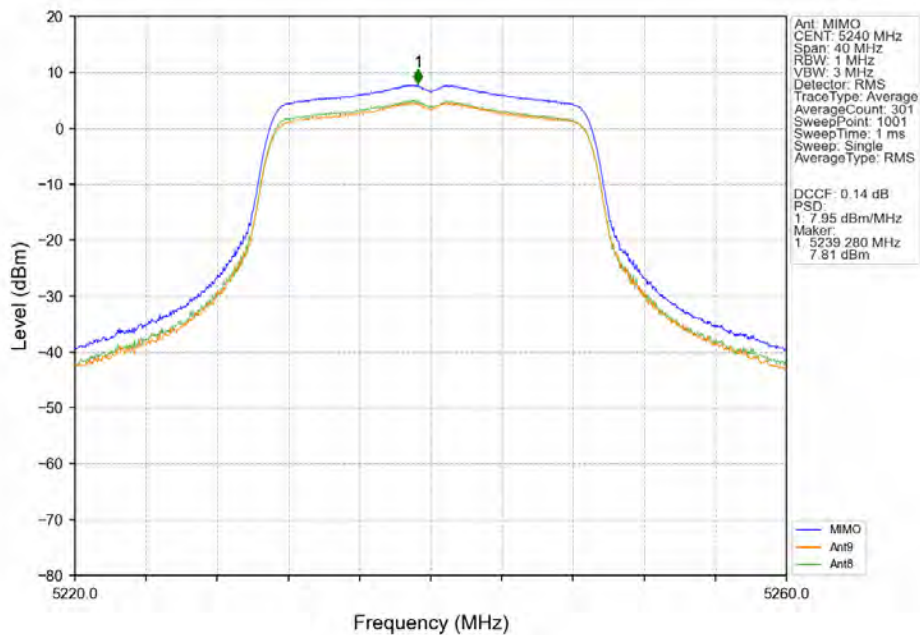
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802.11n(HT20)_HCH_5240MHz_Ant8_NTNV



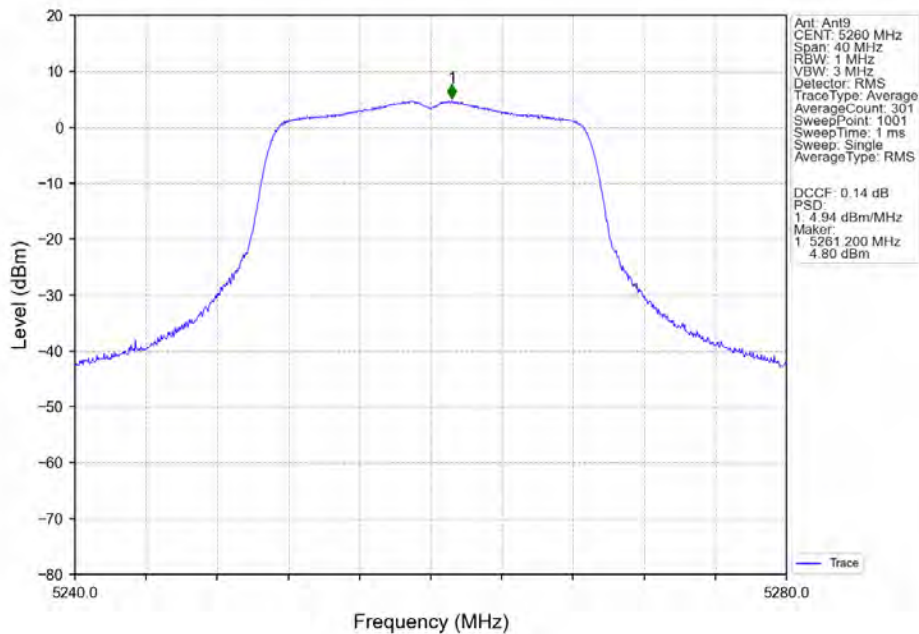
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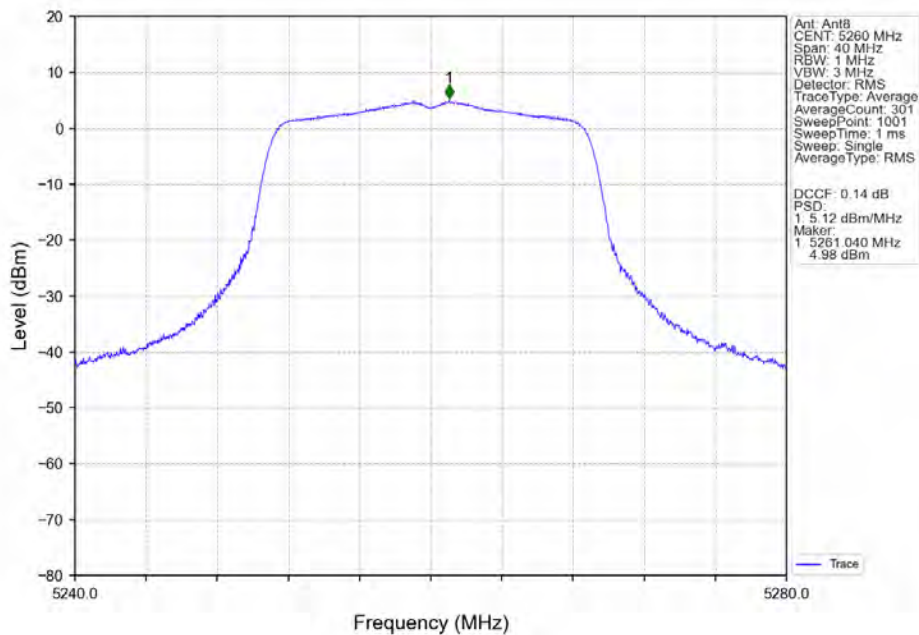
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802.11n(HT20)_LCH_5260MHz_Ant9_NTNV



802.11n(HT20)_LCH_5260MHz_Ant8_NTNV



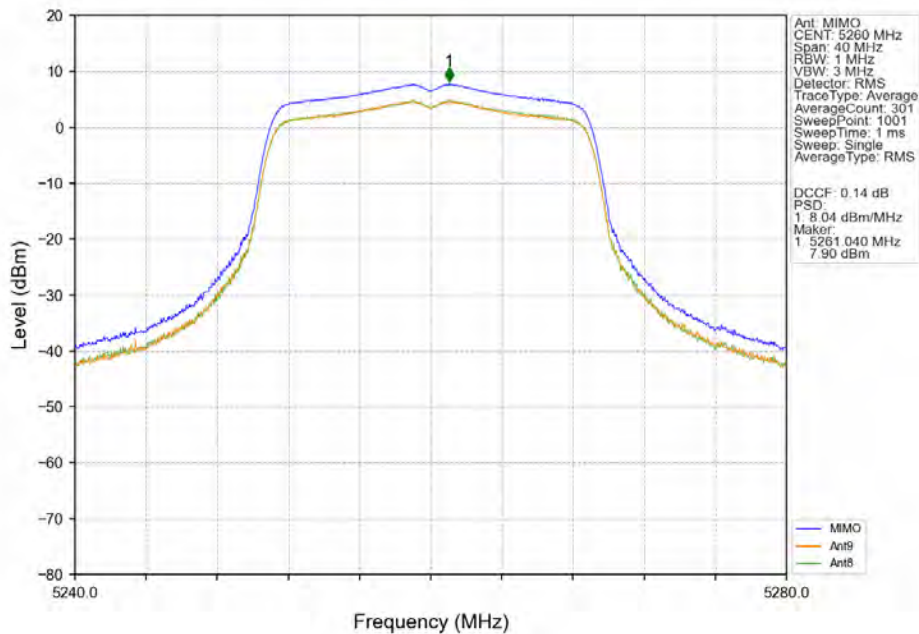
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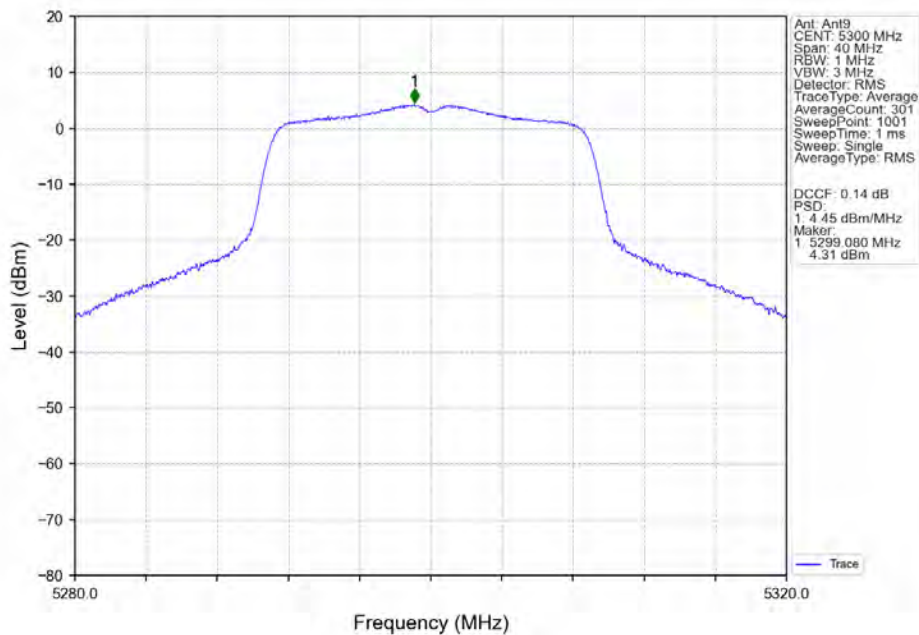
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802.11n(HT20)_LCH_5260MHz_MIMO_NTNV



802.11n(HT20)_MCH_5300MHz_Ant9_NTNV



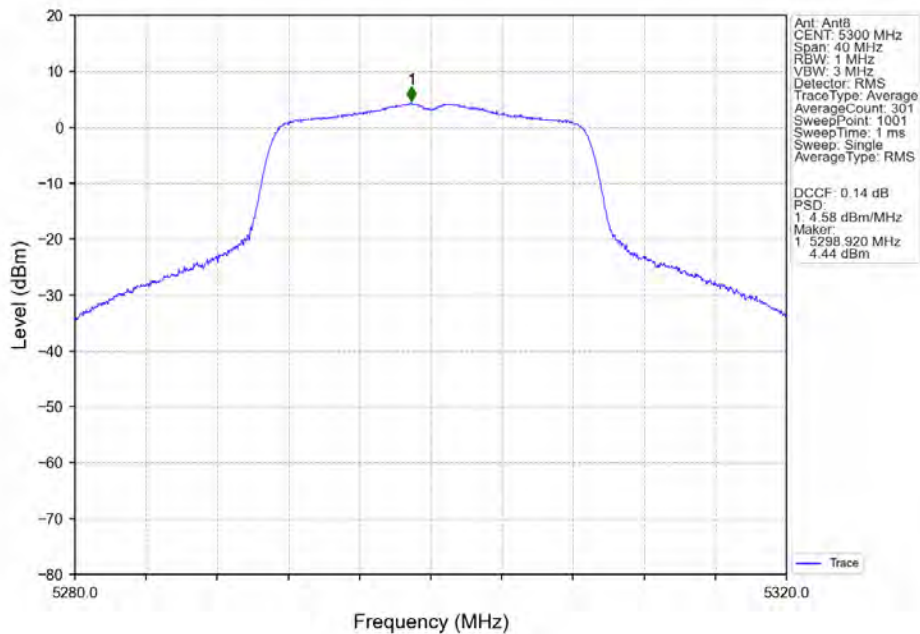
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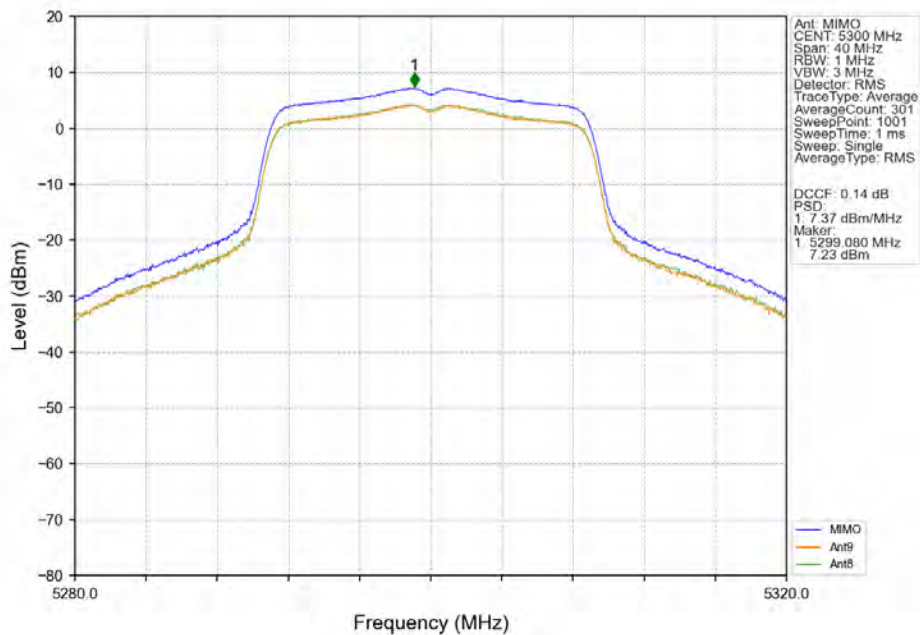
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802.11n(HT20)_MCH_5300MHz_Ant8_NTNV



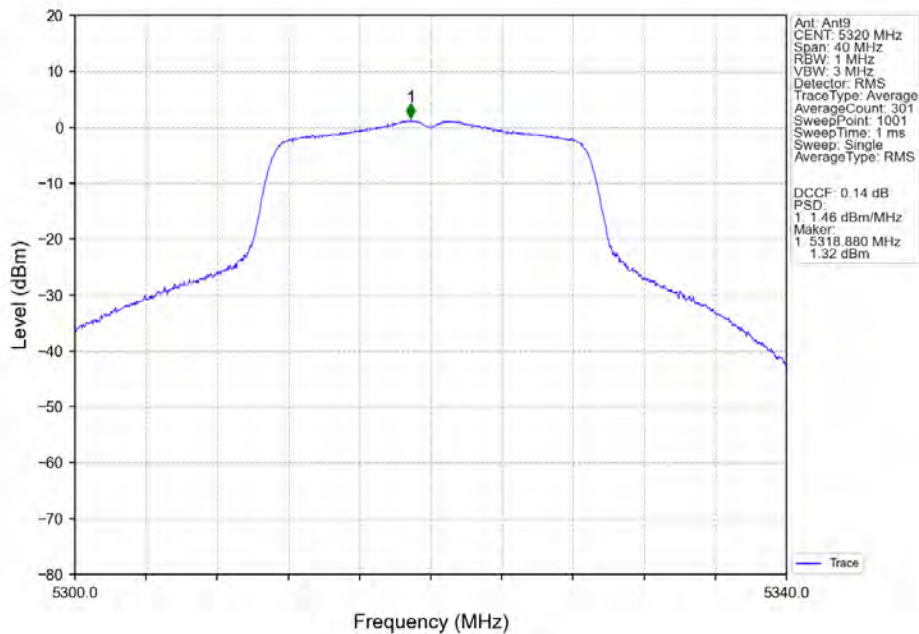
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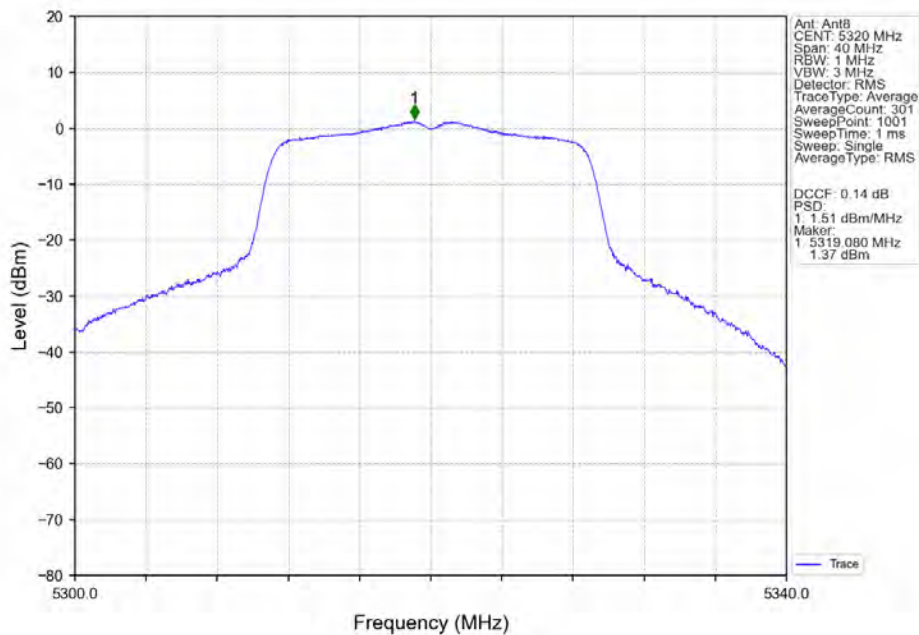
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802.11n(HT20)_HCH_5320MHz_Ant9_NTNV



802.11n(HT20)_HCH_5320MHz_Ant8_NTNV



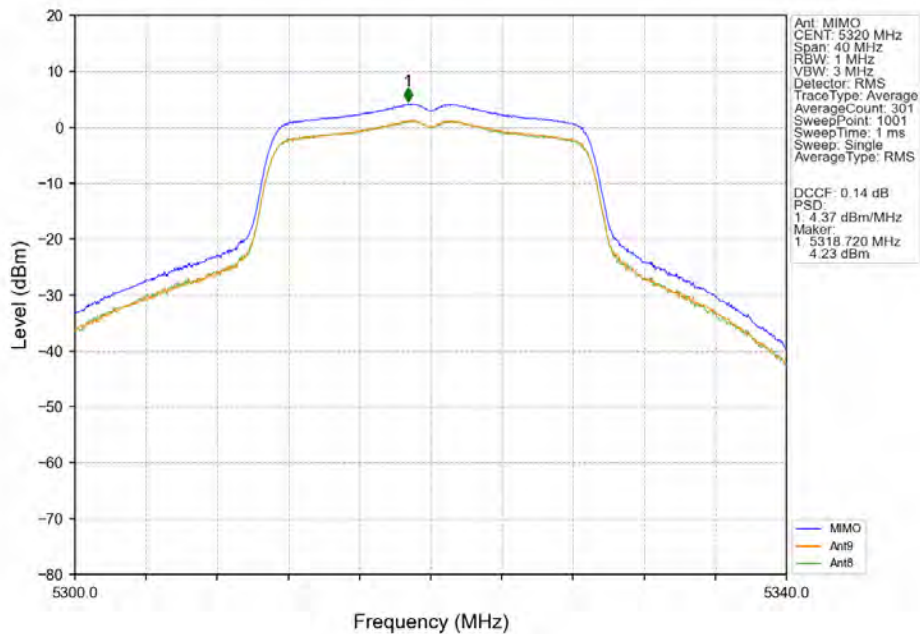
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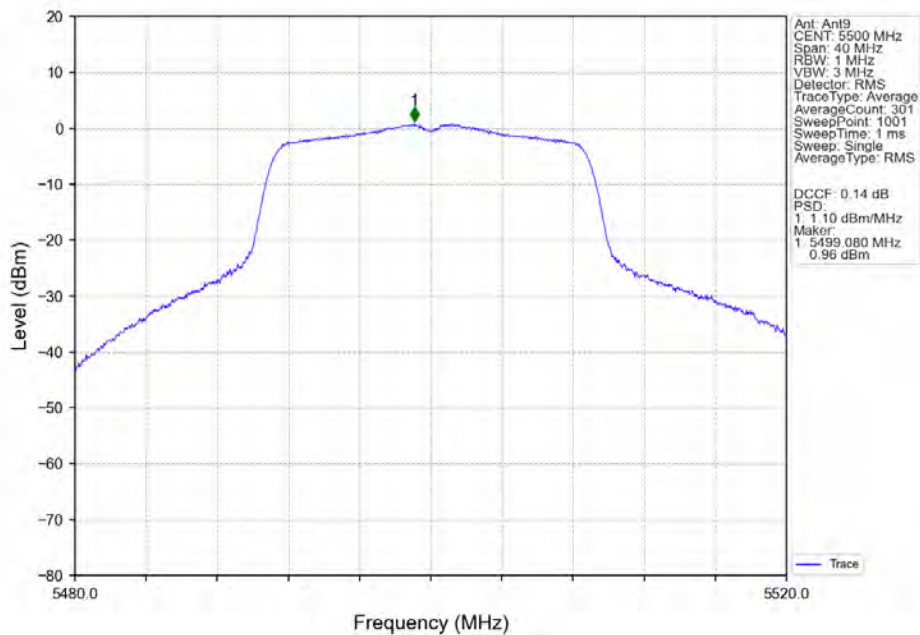
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802.11n(HT20)_HCH_5320MHz_MIMO_NTNV



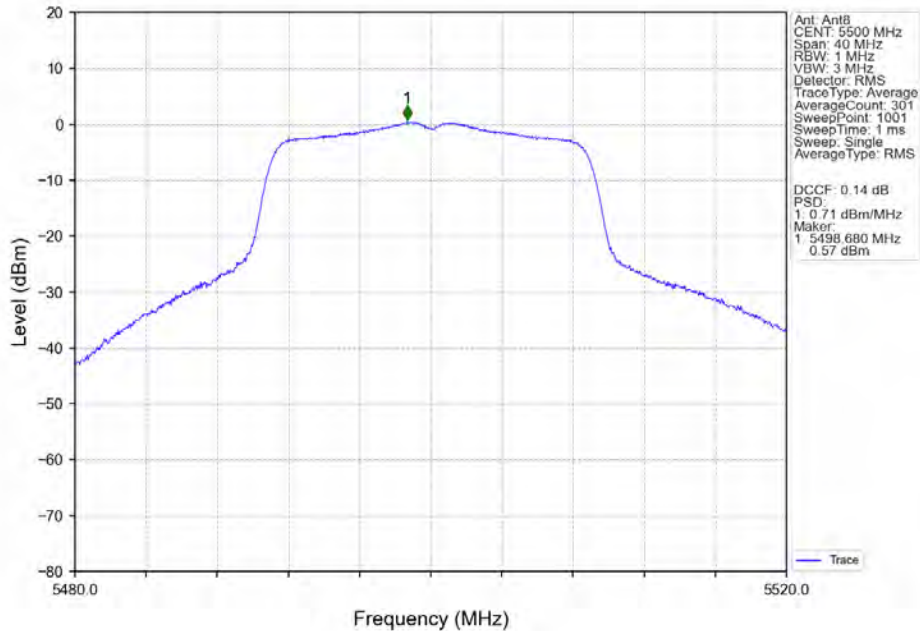
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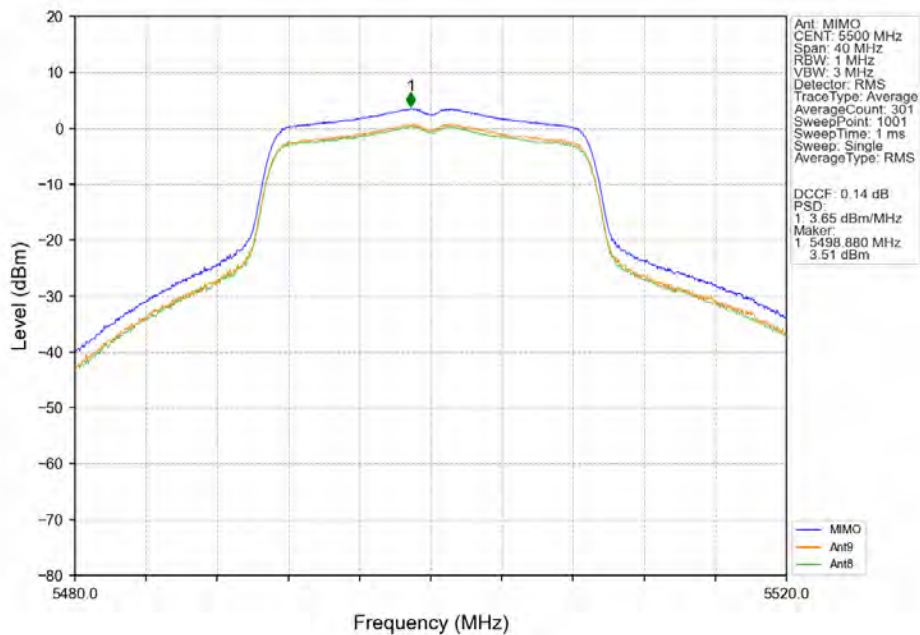
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802.11n(HT20)_LCH_5500MHz_Ant8_NTNV



802.11n(HT20)_LCH_5500MHz_MIMO_NTNV



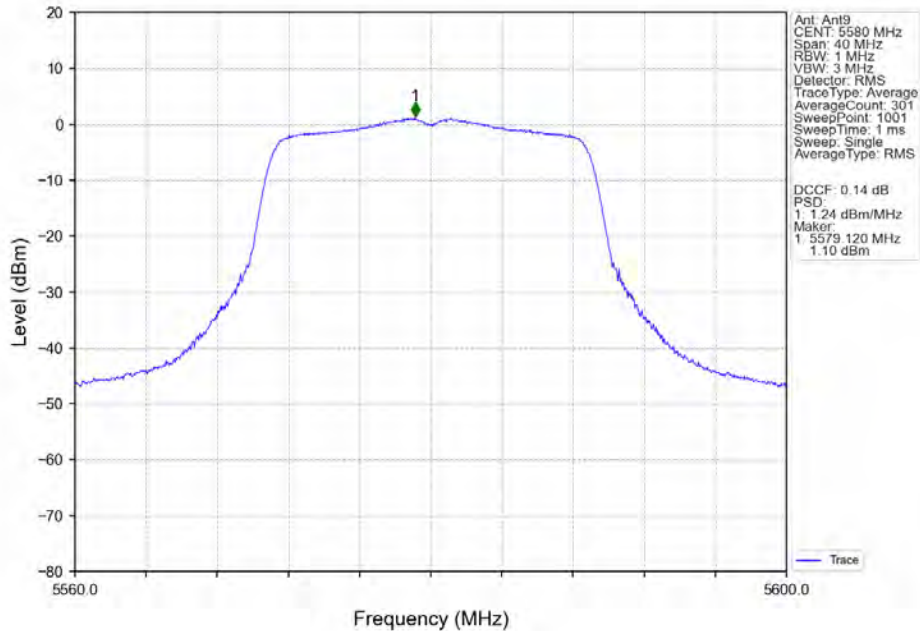
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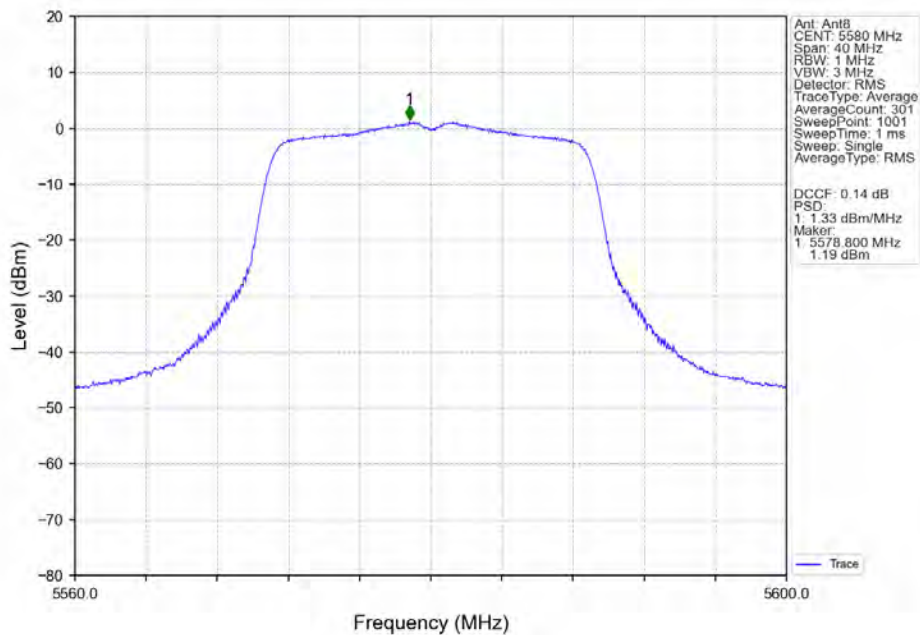
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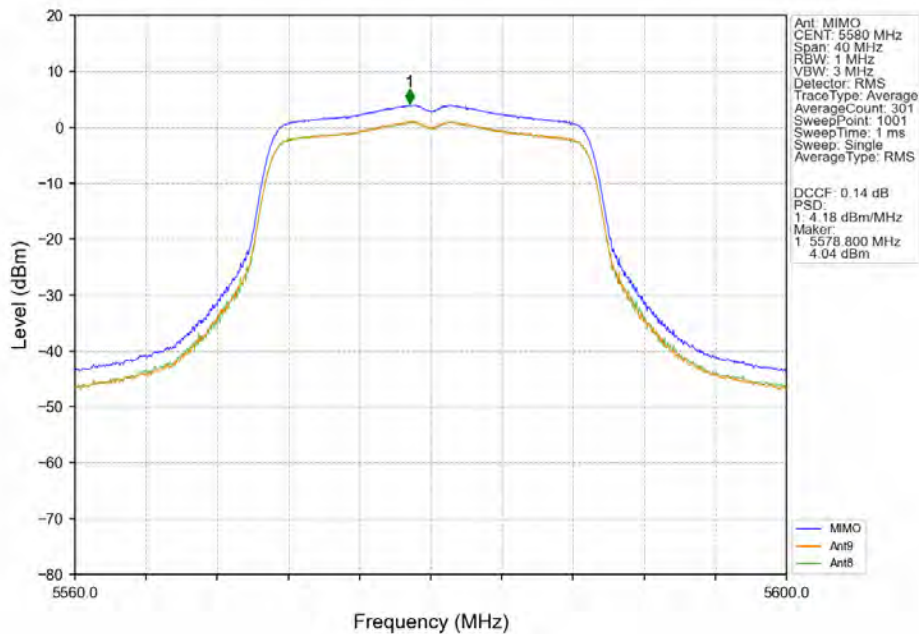
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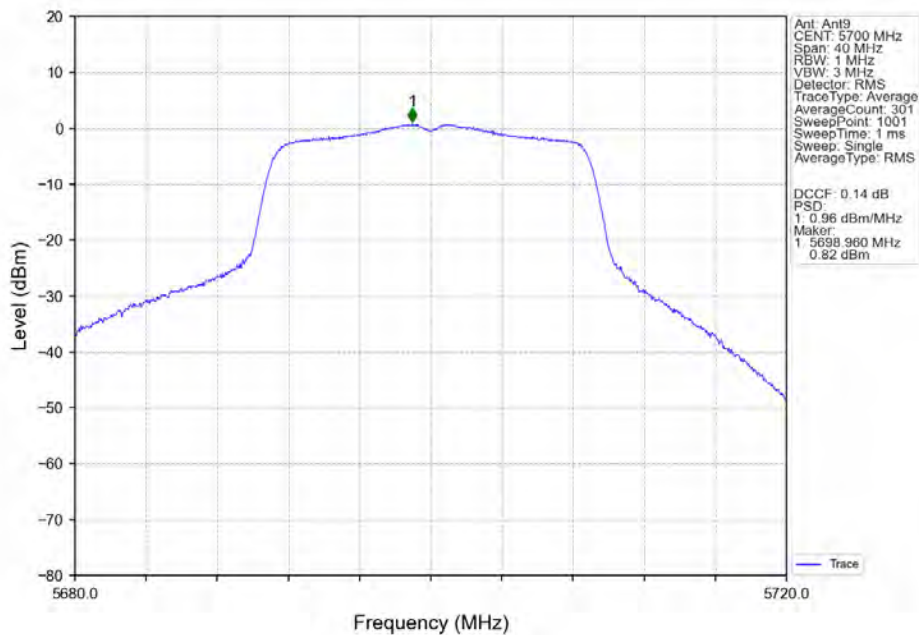
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802.11n(HT20)_HCH_5700MHz_Ant9_NTNV



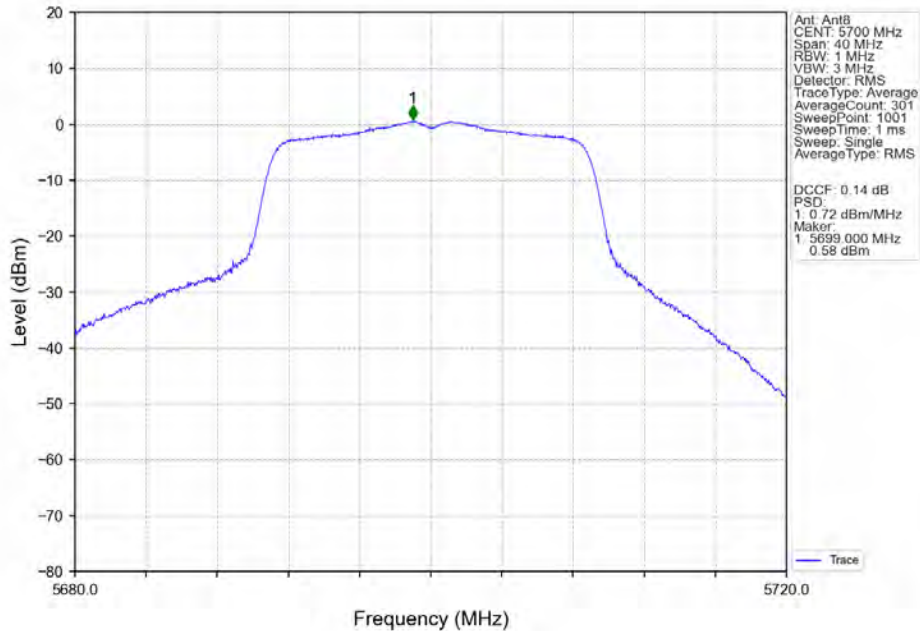
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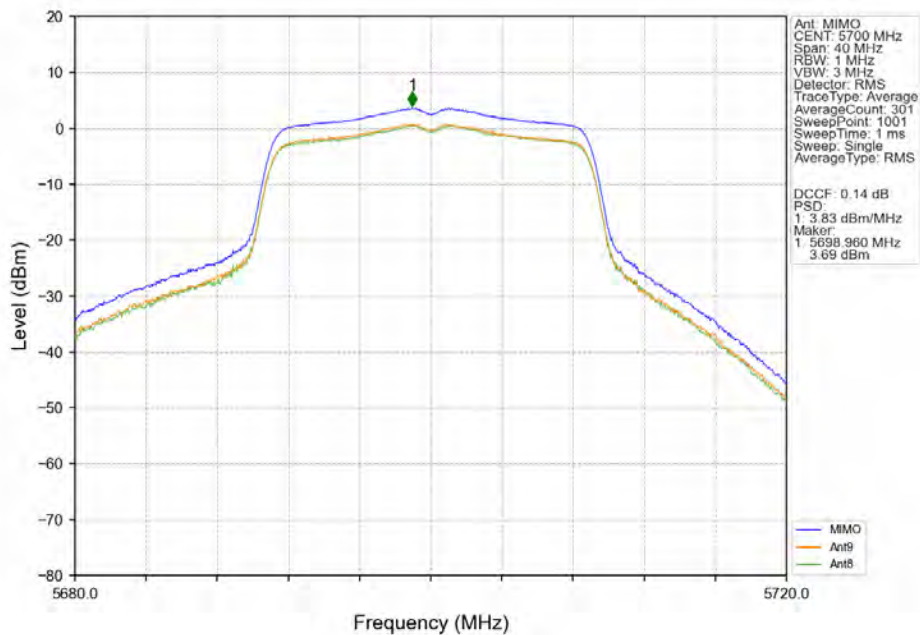
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802.11n(HT20)_HCH_5700MHz_Ant8_NTNV



802.11n(HT20)_HCH_5700MHz_MIMO_NTNV



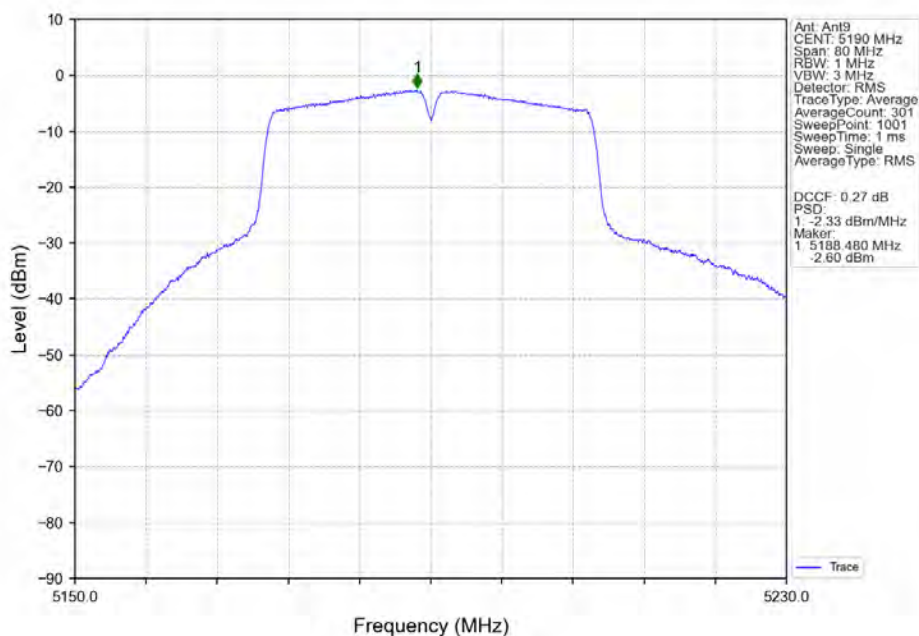
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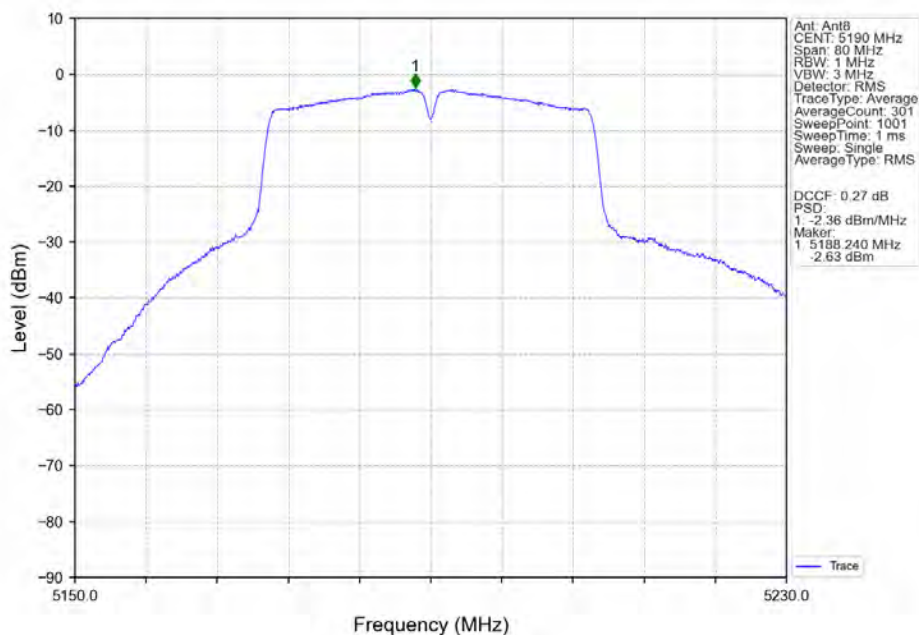
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802.11n(HT40)_LCH_5190MHz_Ant9_NTNV



802.11n(HT40)_LCH_5190MHz_Ant8_NTNV



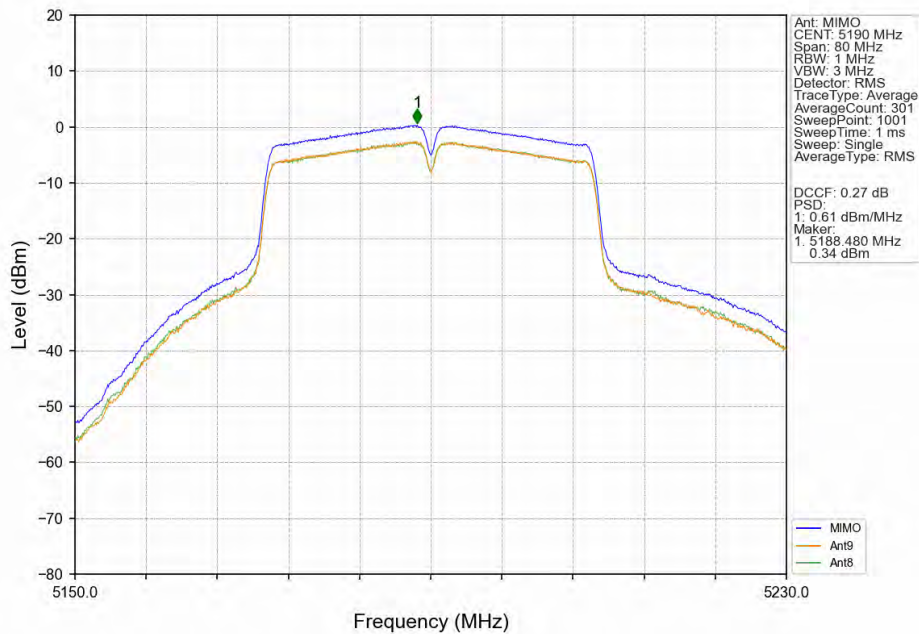
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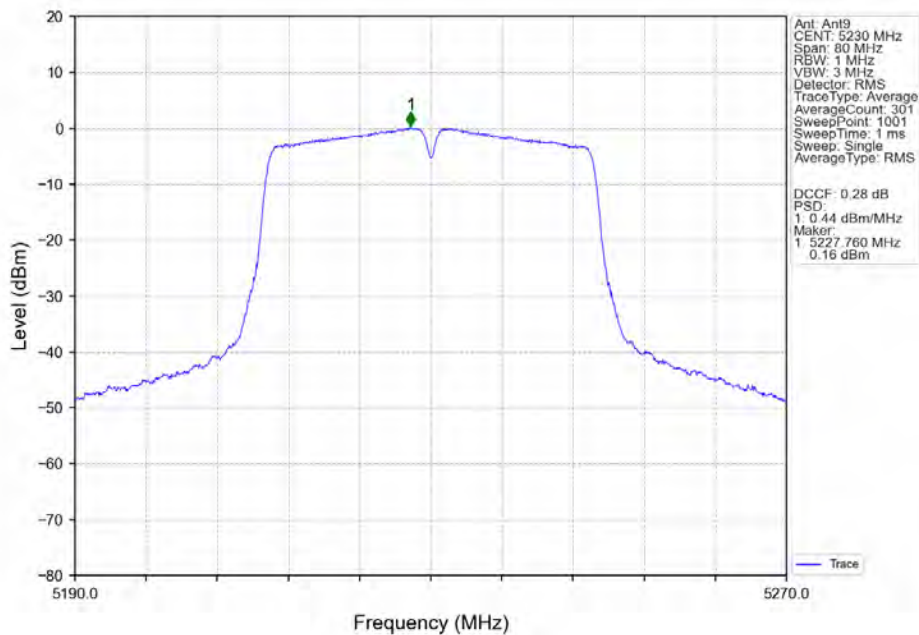
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802.11n(HT40)_LCH_5190MHz_MIMO_NTNV



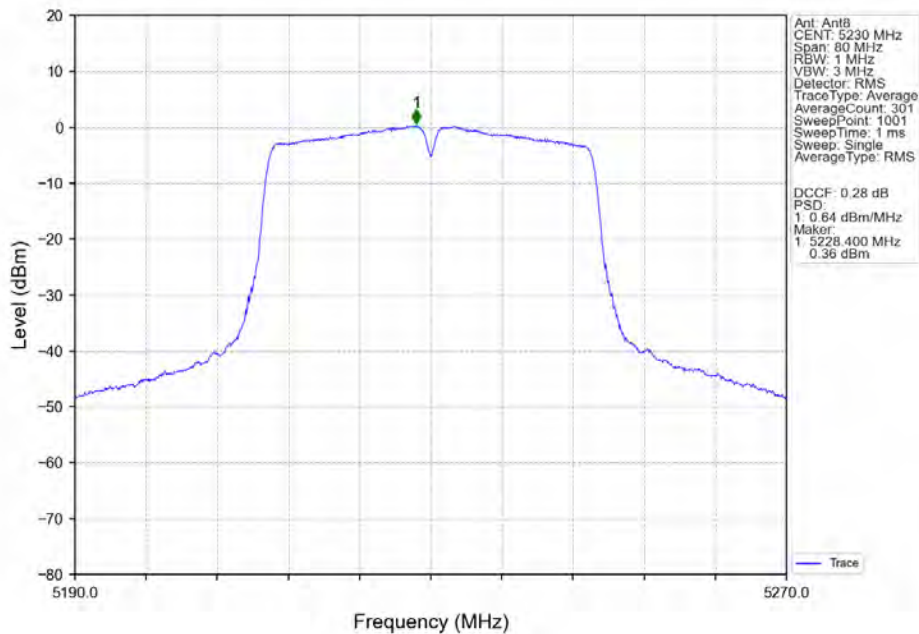
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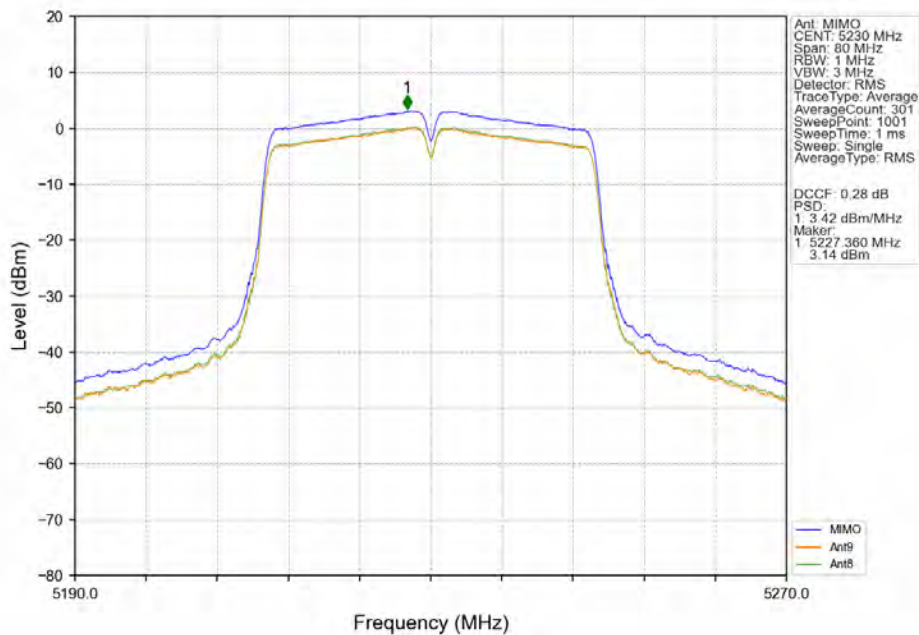
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802.11n(HT40)_HCH_5230MHz_Ant8_NTNV



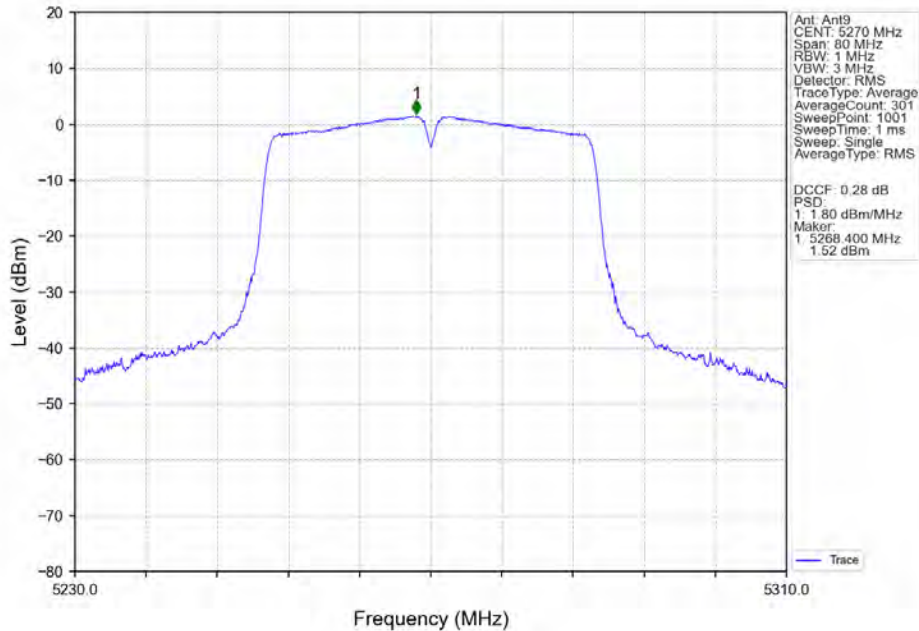
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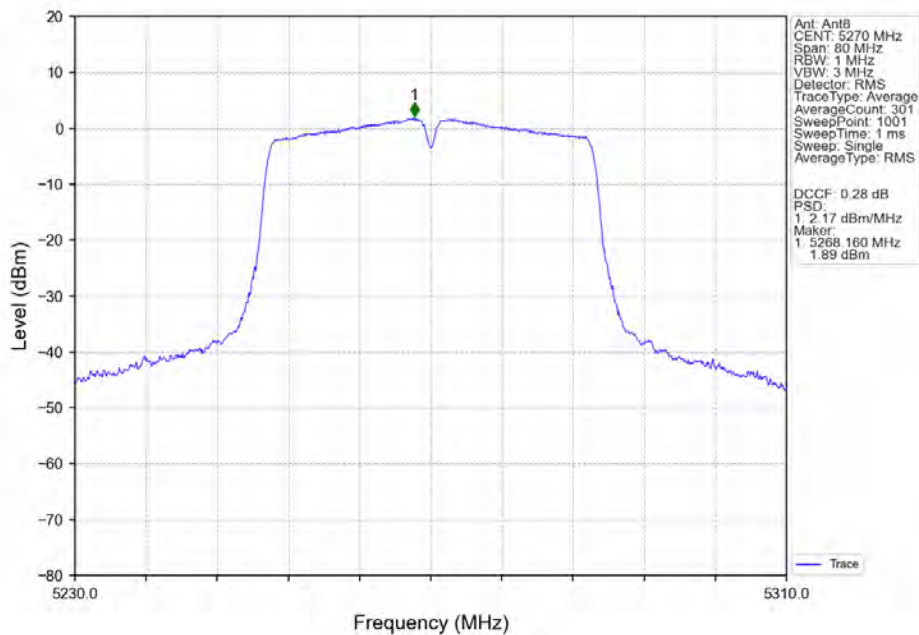
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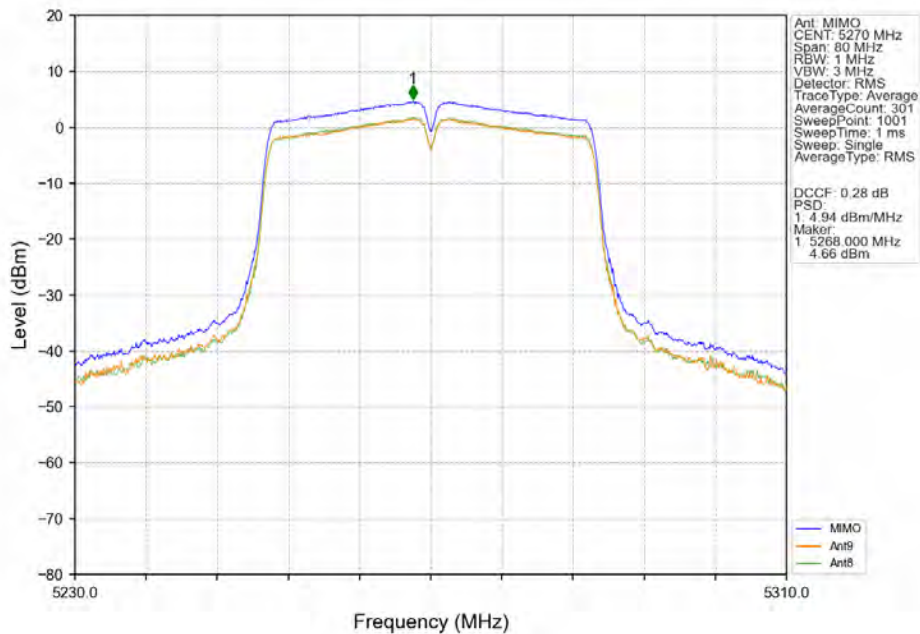
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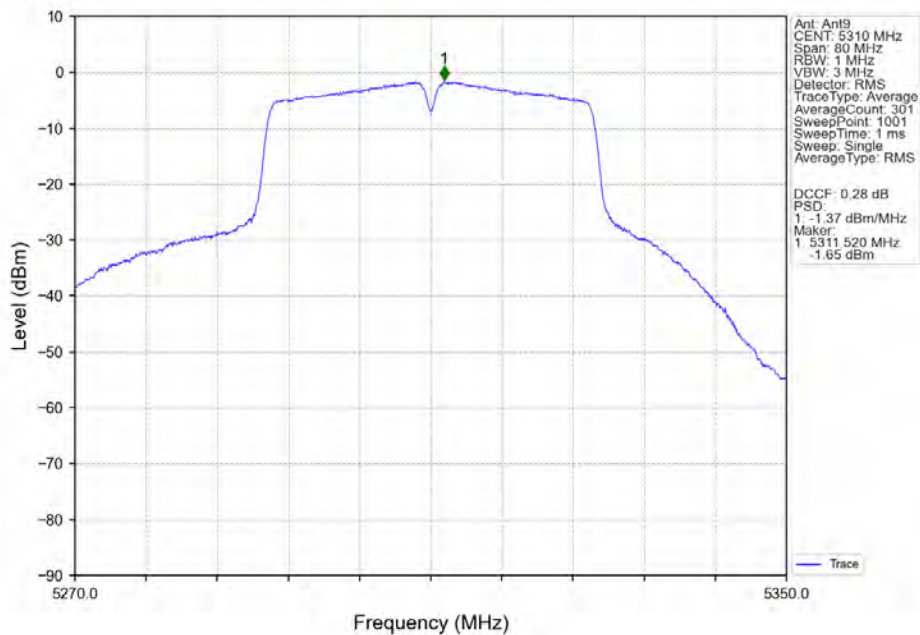
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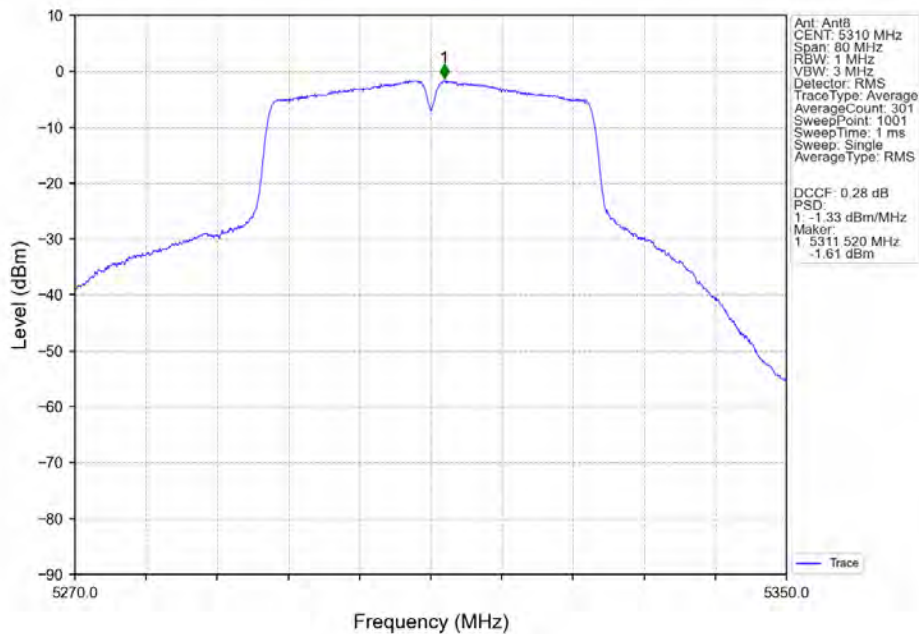
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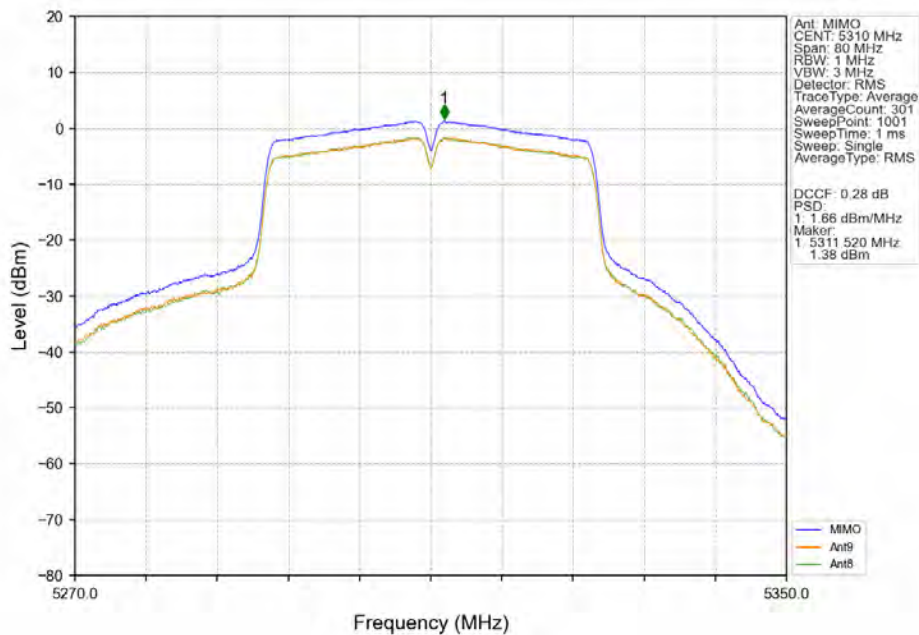
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802.11n(HT40)_HCH_5310MHz_Ant8_NTNV



802.11n(HT40)_HCH_5310MHz_MIMO_NTNV



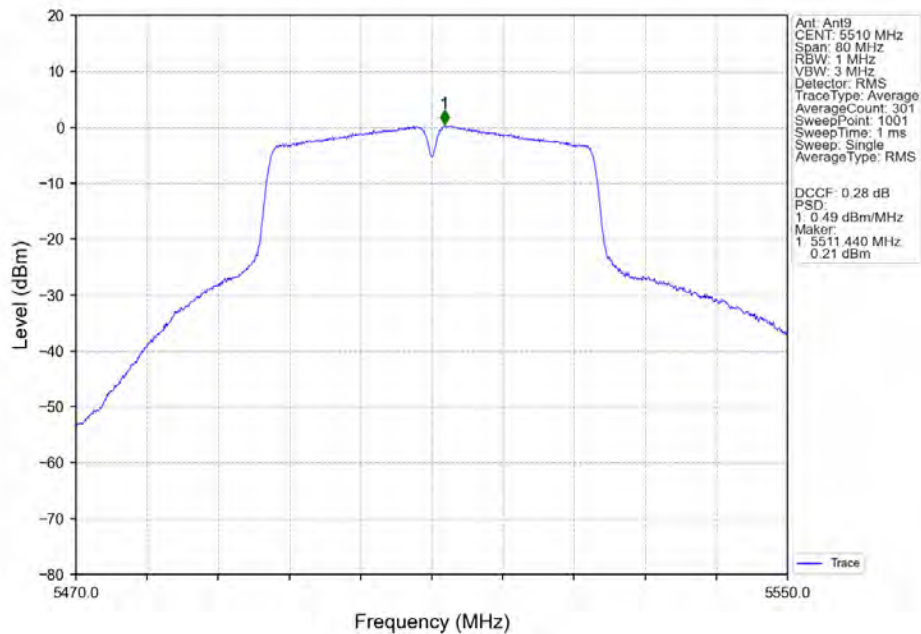
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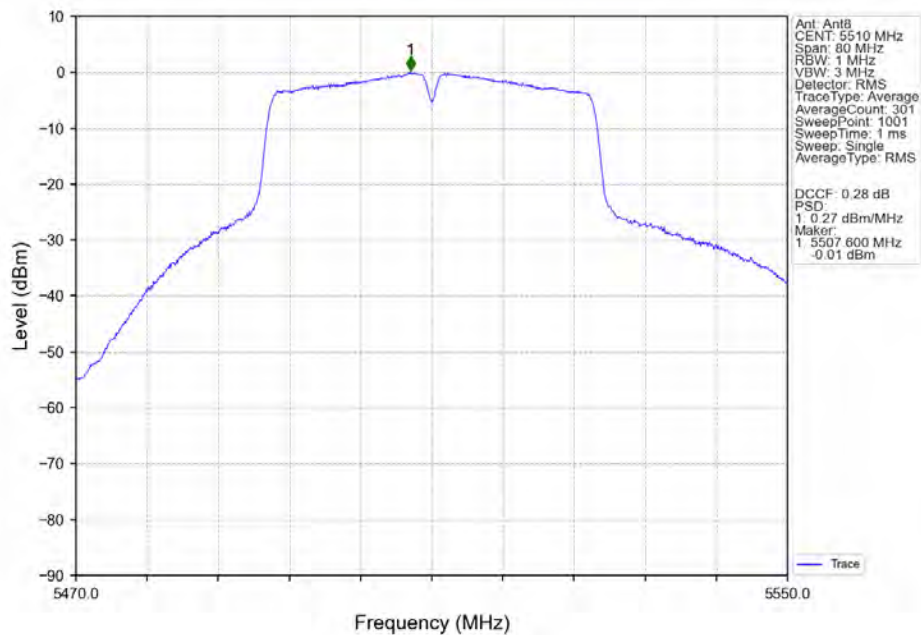
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802.11n(HT40)_LCH_5510MHz_Ant9_NTNV



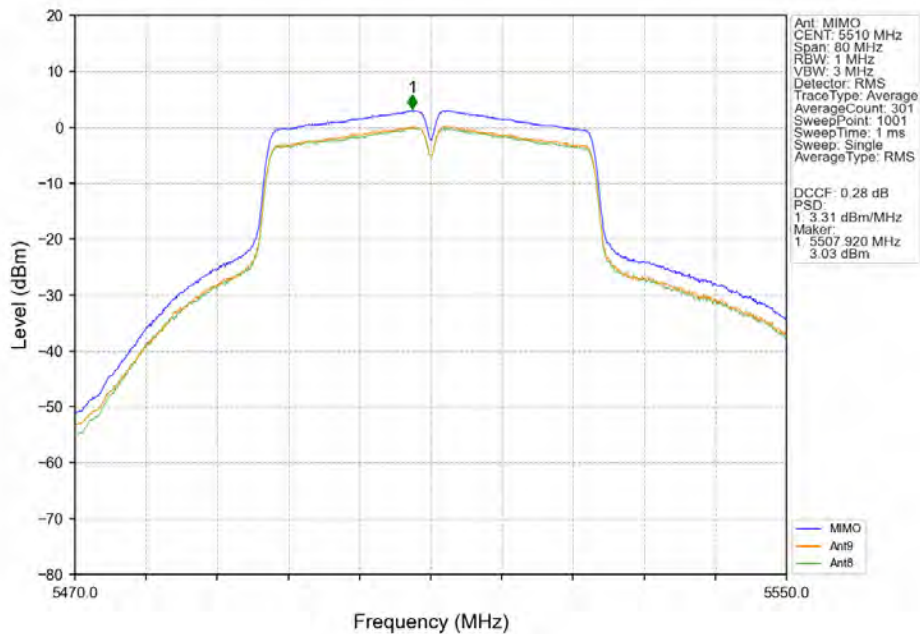
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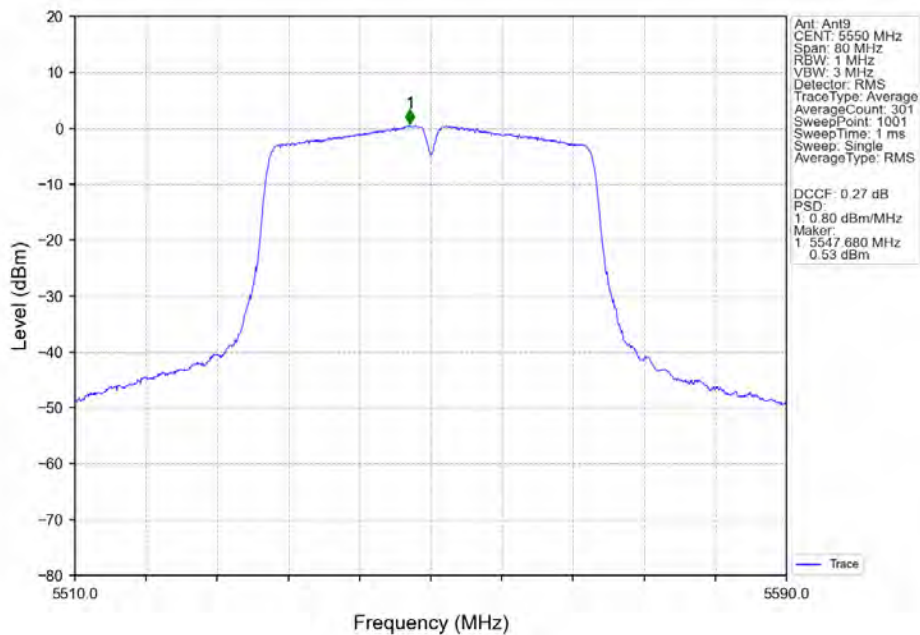
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802.11n(HT40)_LCH_5510MHz_MIMO_NTNV



802.11n(HT40)_MCH_5550MHz_Ant9_NTNV



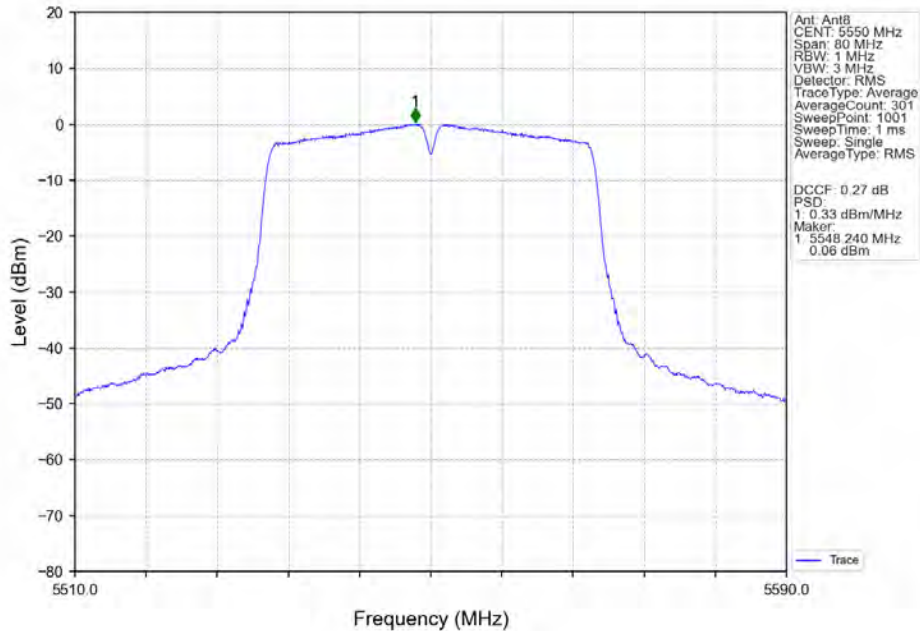
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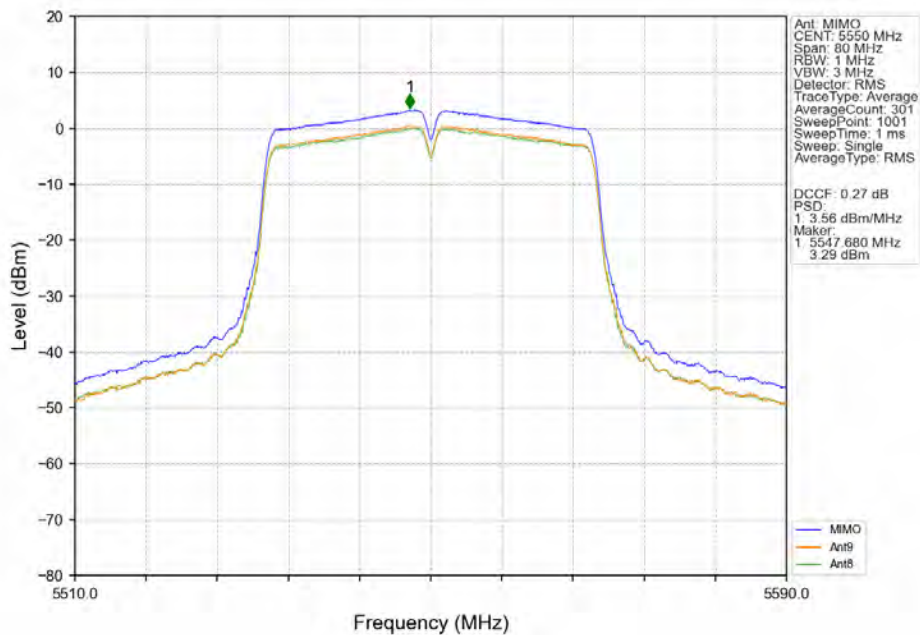
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802.11n(HT40)_MCH_5550MHz_Ant8_NTNV



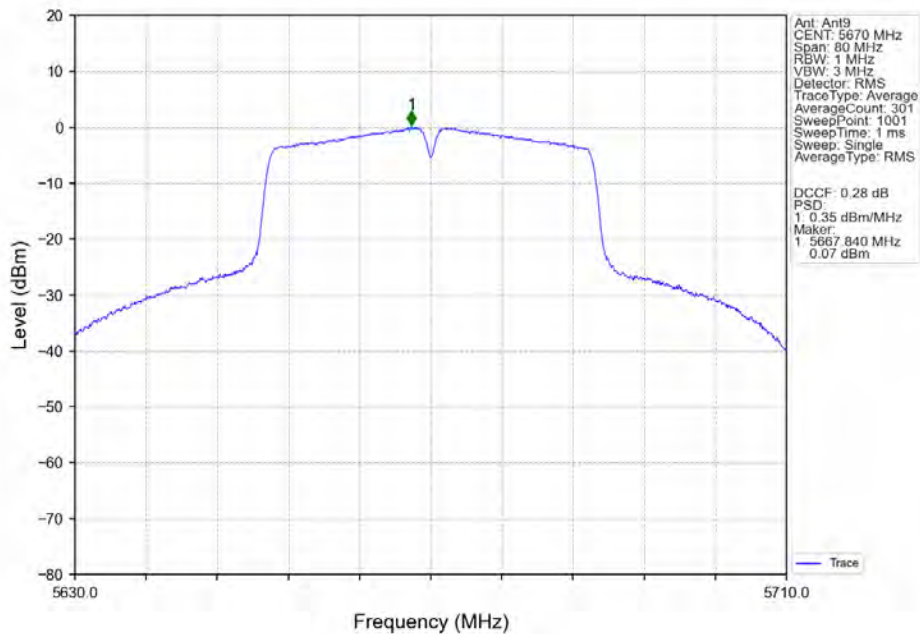
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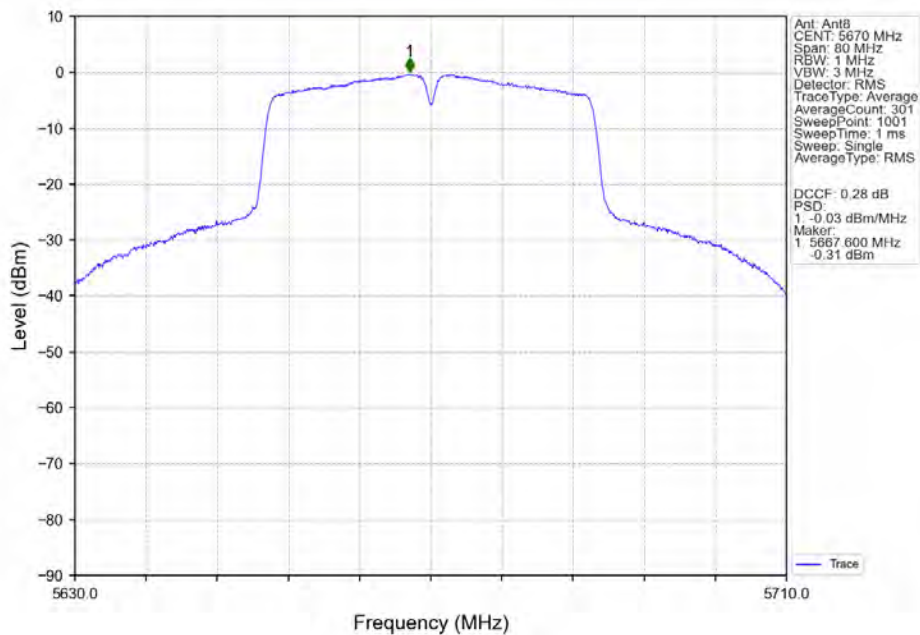
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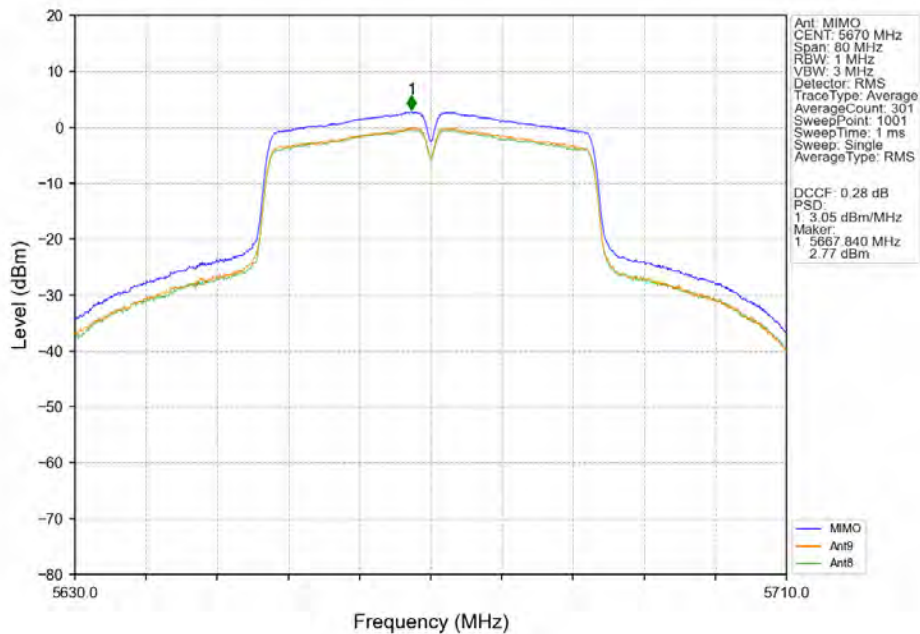
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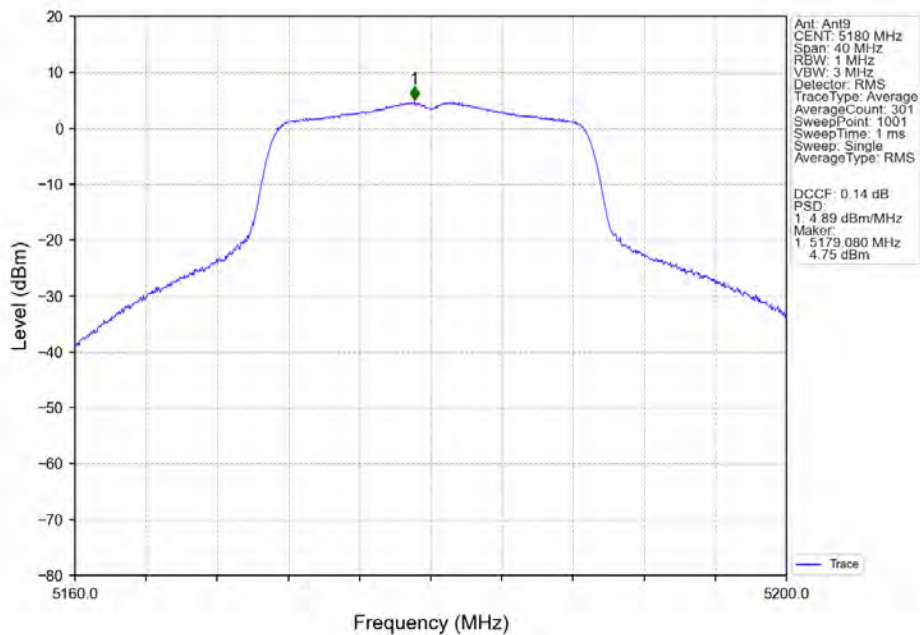
802.11n(HT40)_HCH_5670MHz_Ant8_NTNV



802.11n(HT40)_HCH_5670MHz_MIMO_NTNV



802.11ac(VHT20)_LCH_5180MHz_Ant9_NTNV



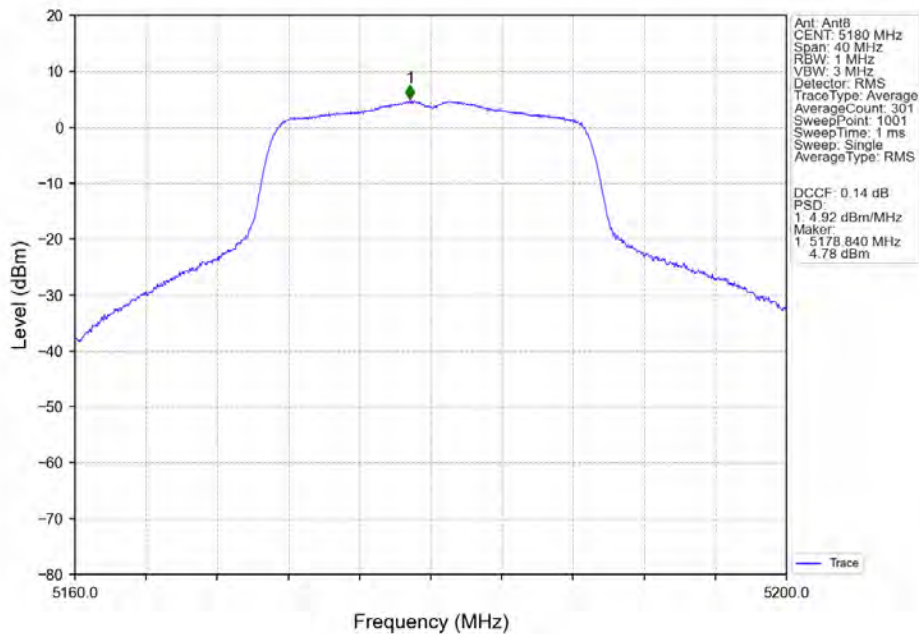
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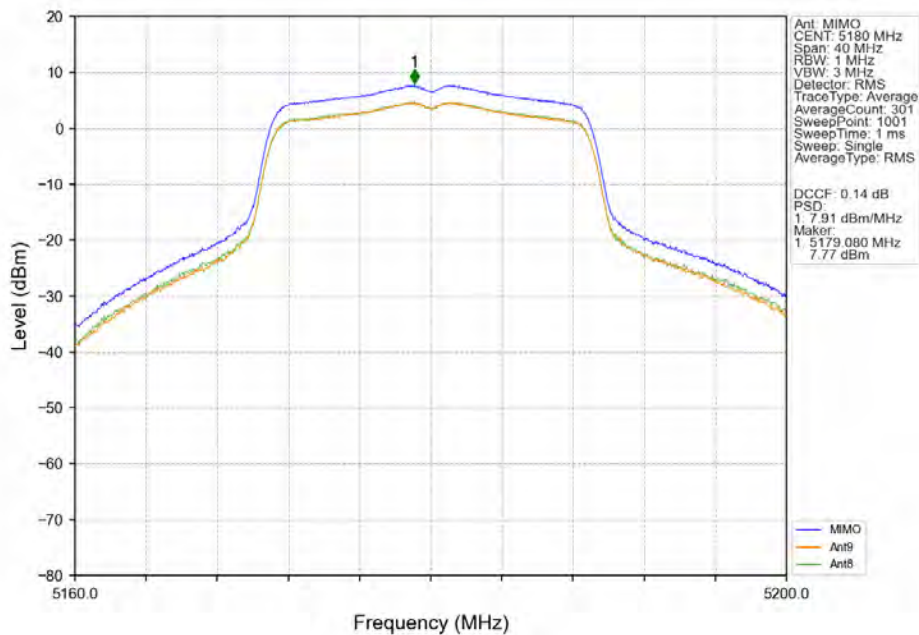
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802.11ac(VHT20)_LCH_5180MHz_Ant8_NTNV



802.11ac(VHT20)_LCH_5180MHz_MIMO_NTNV



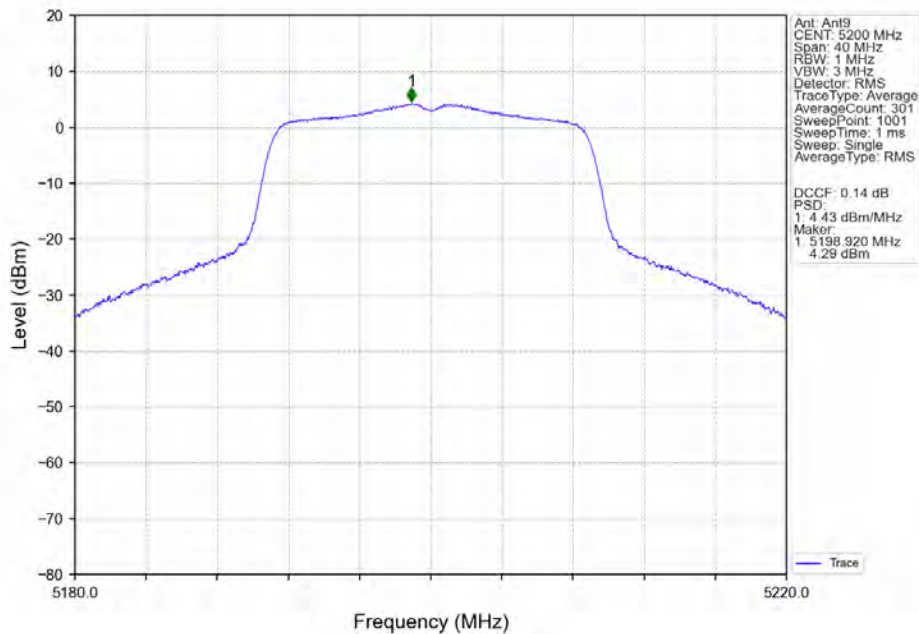
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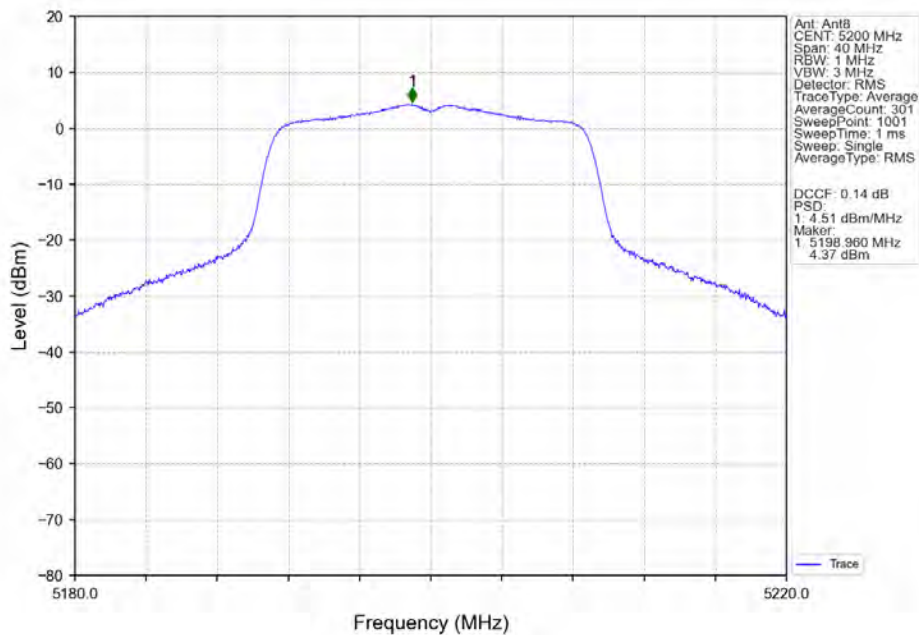
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802.11ac(VHT20)_MCH_5200MHz_Ant9_NTNV



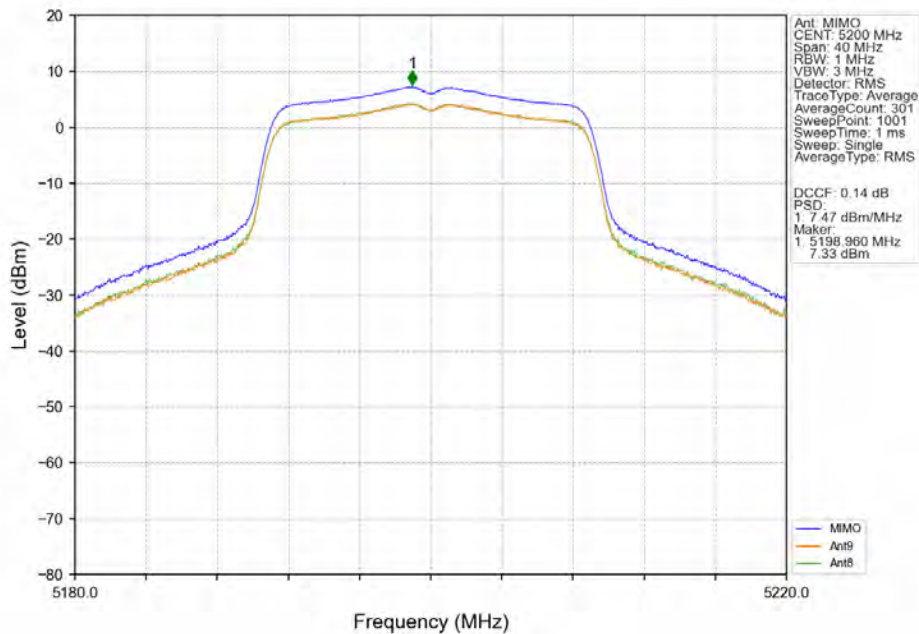
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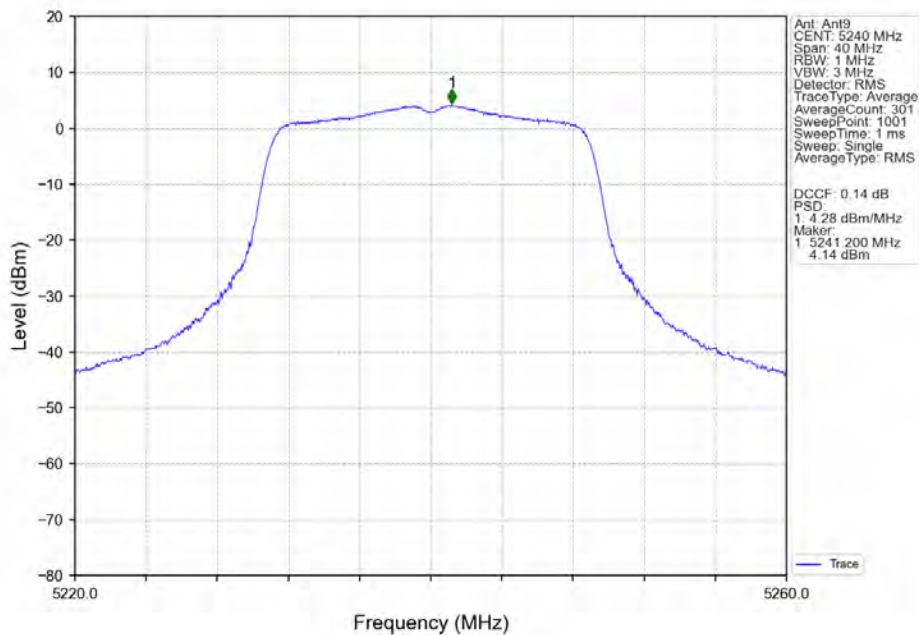
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802.11ac(VHT20)_MCH_5200MHz_MIMO_NTNV



802.11ac(VHT20)_HCH_5240MHz_Ant9_NTNV



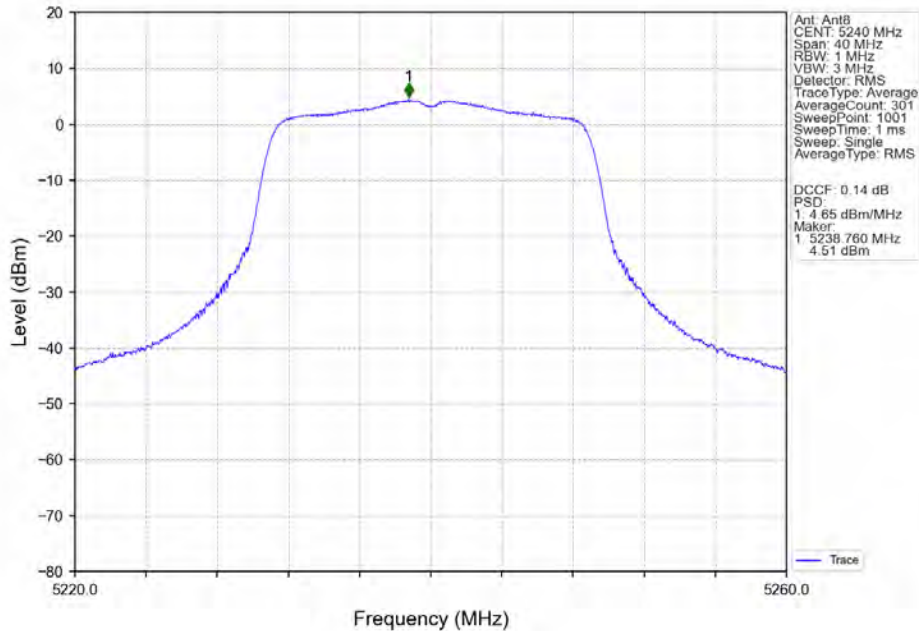
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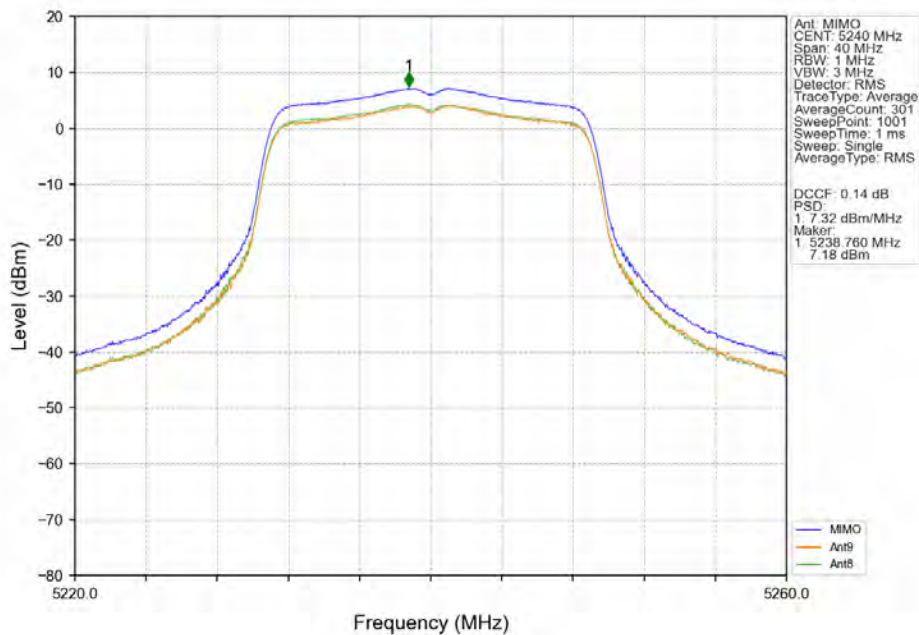
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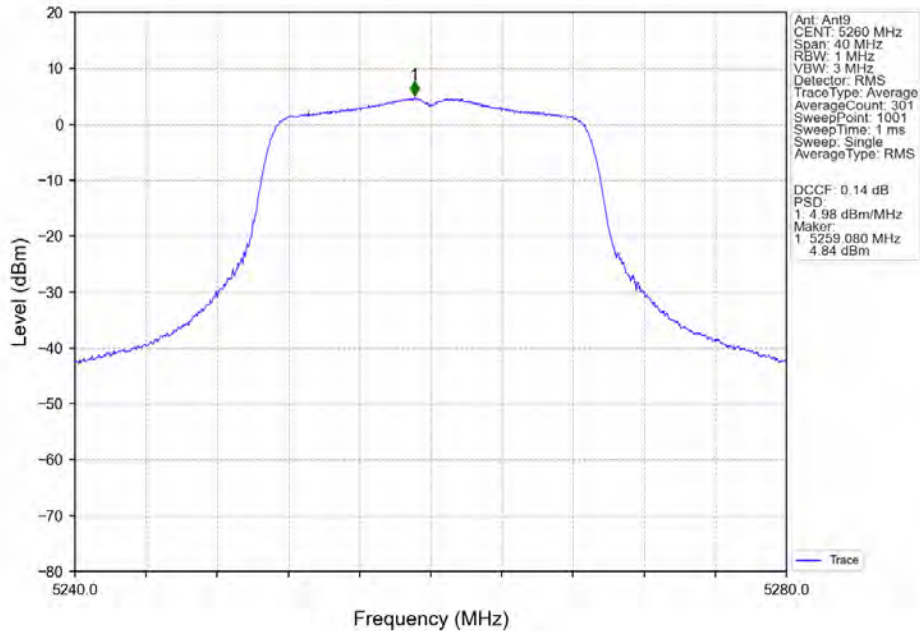
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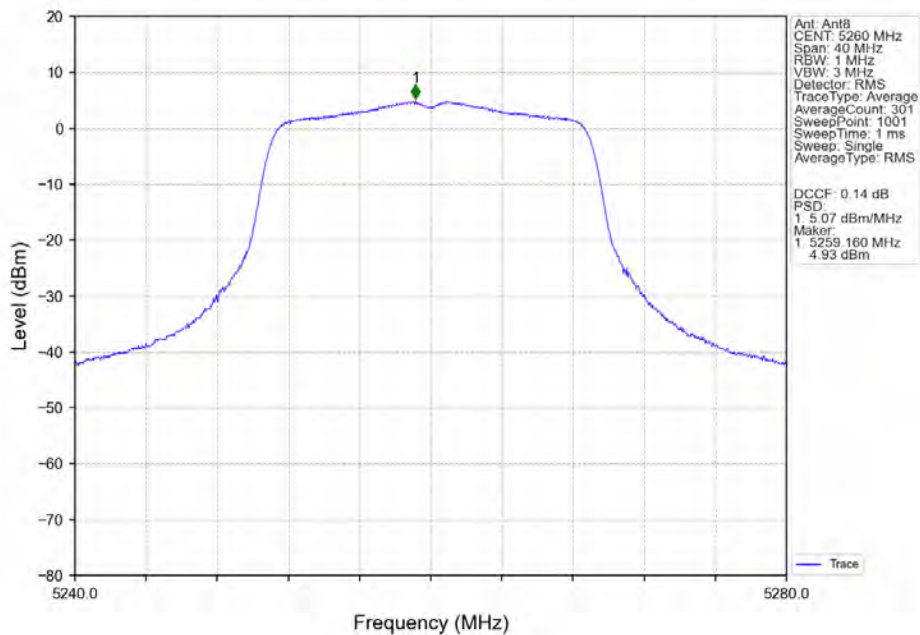
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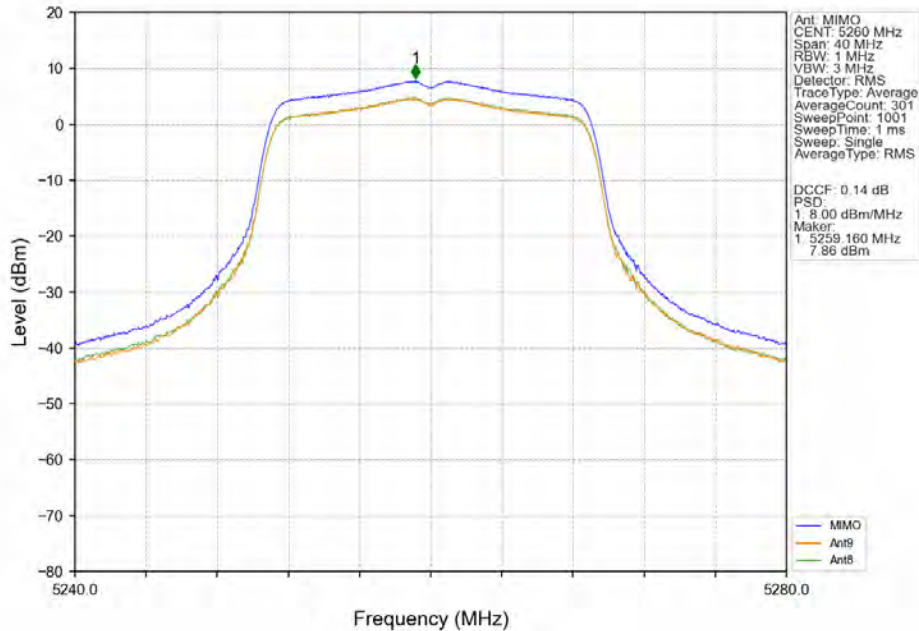
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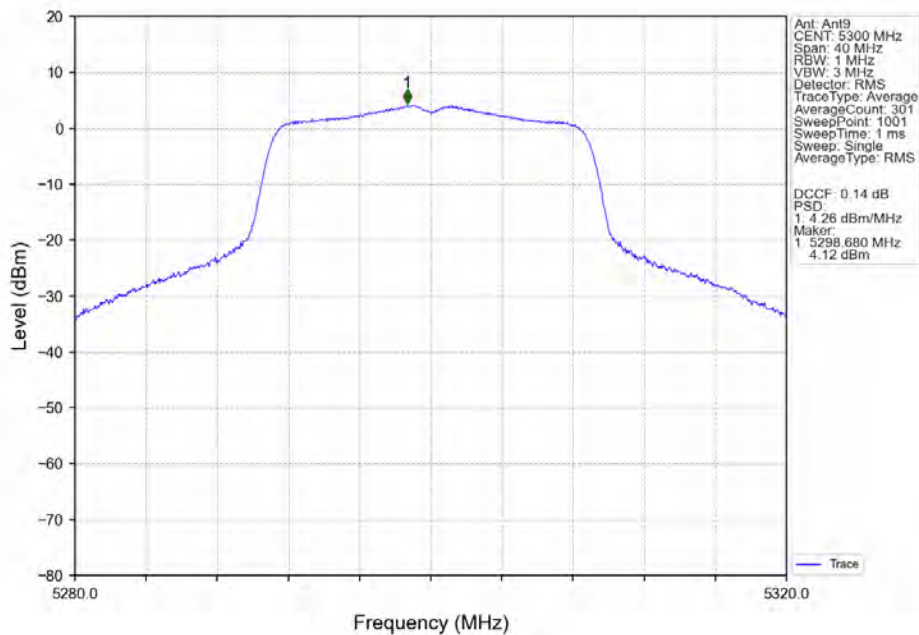
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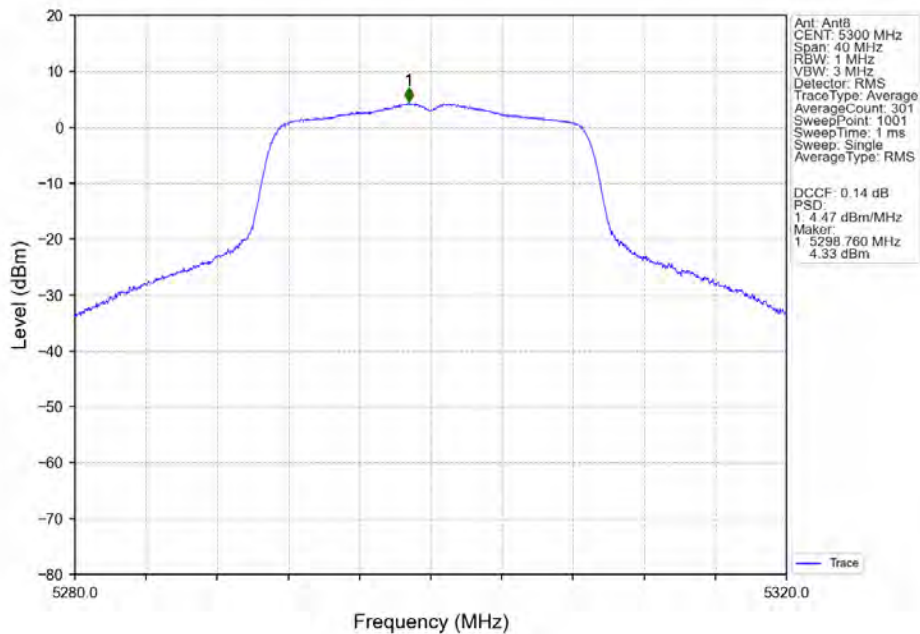
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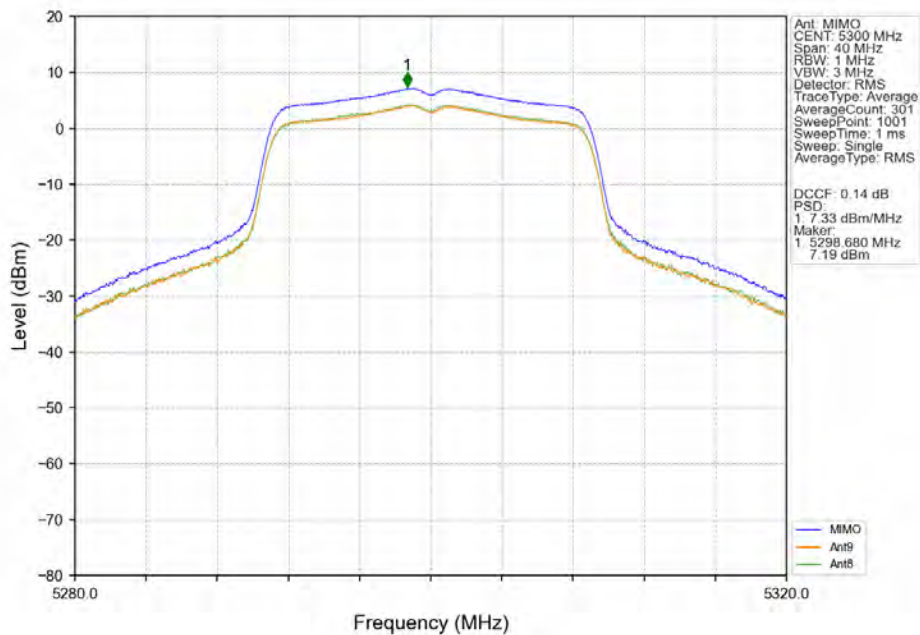
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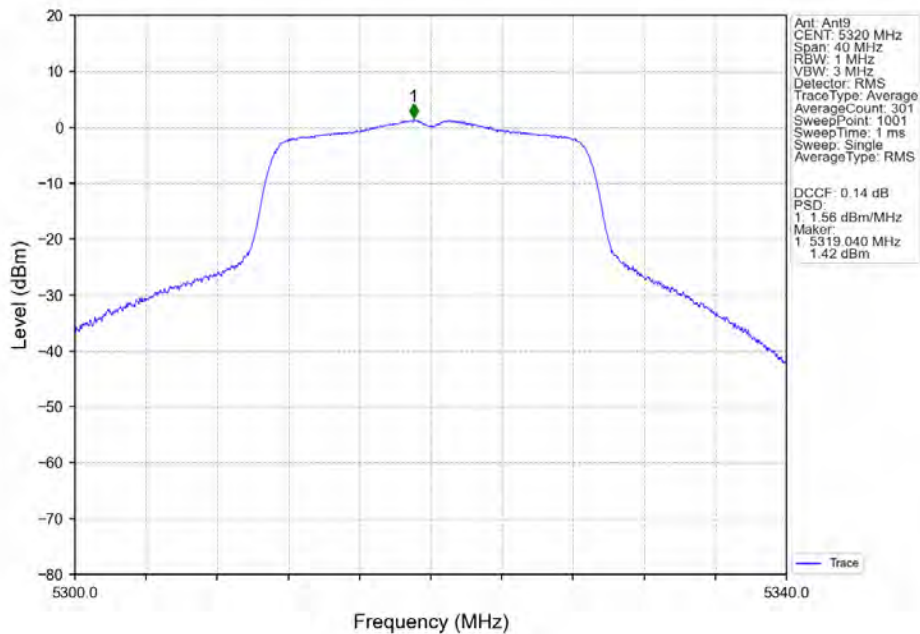
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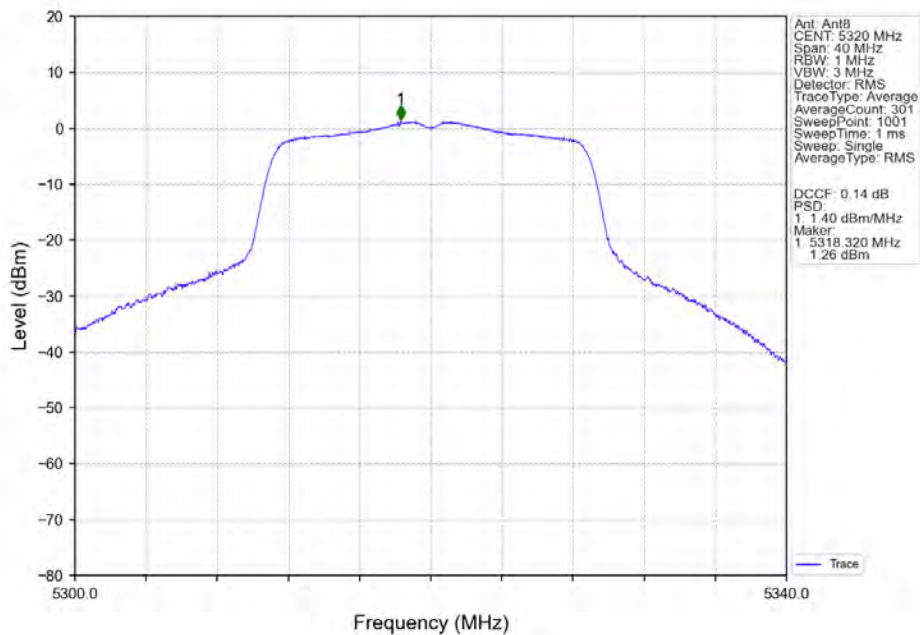
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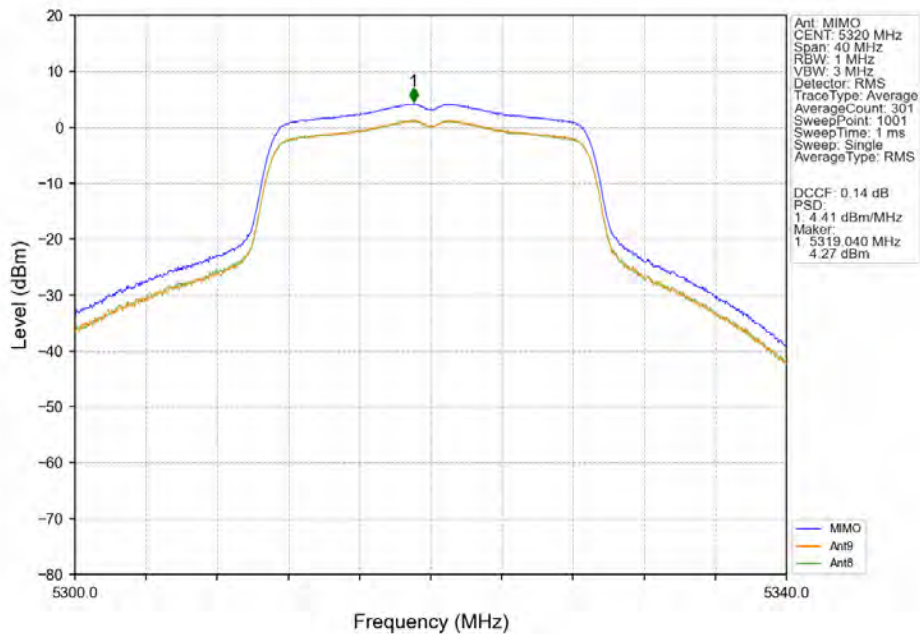
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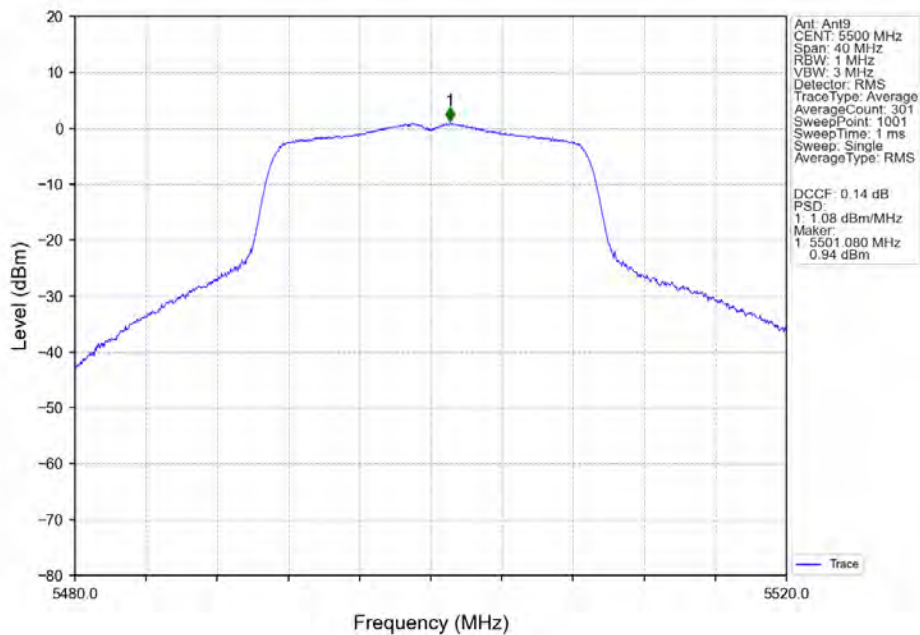
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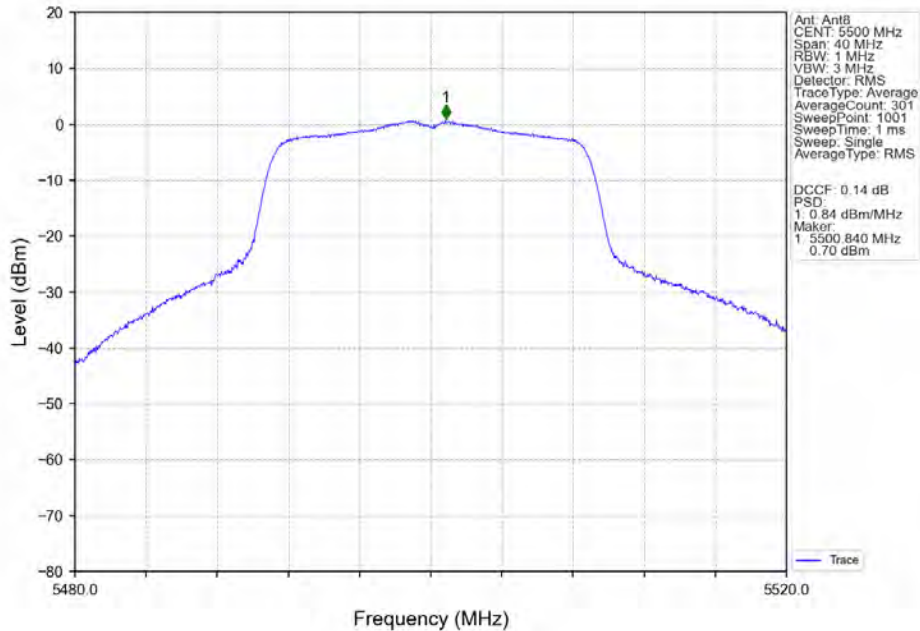
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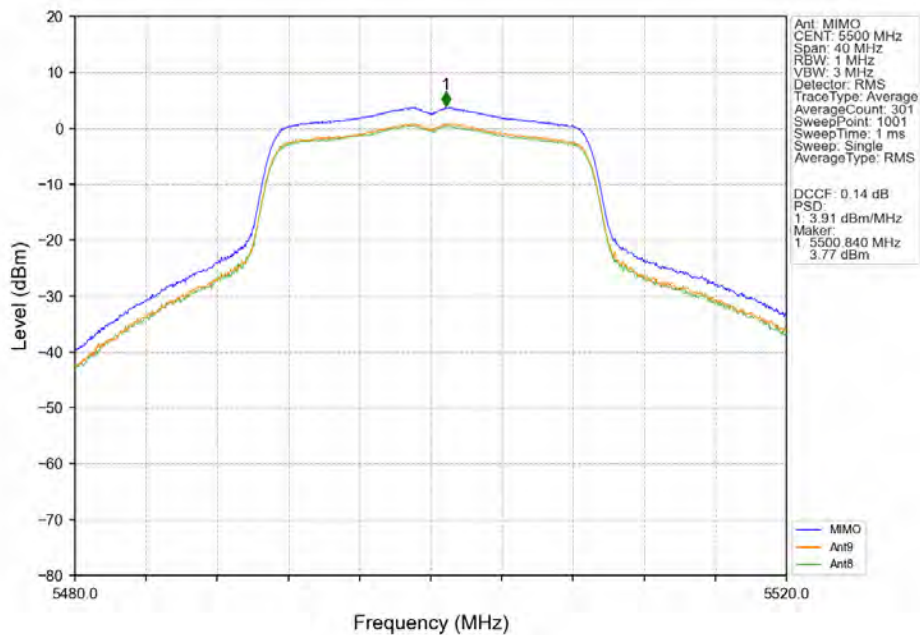
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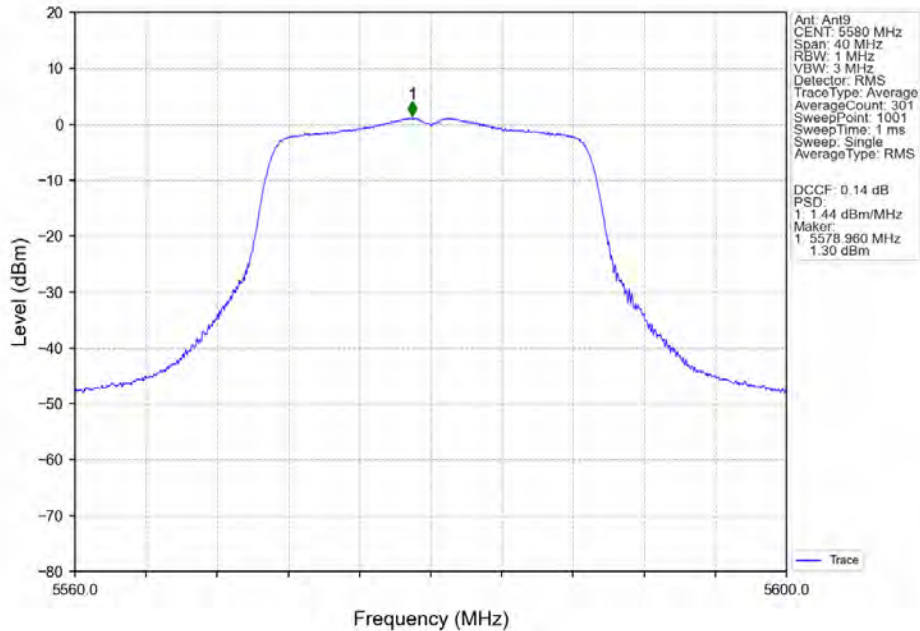
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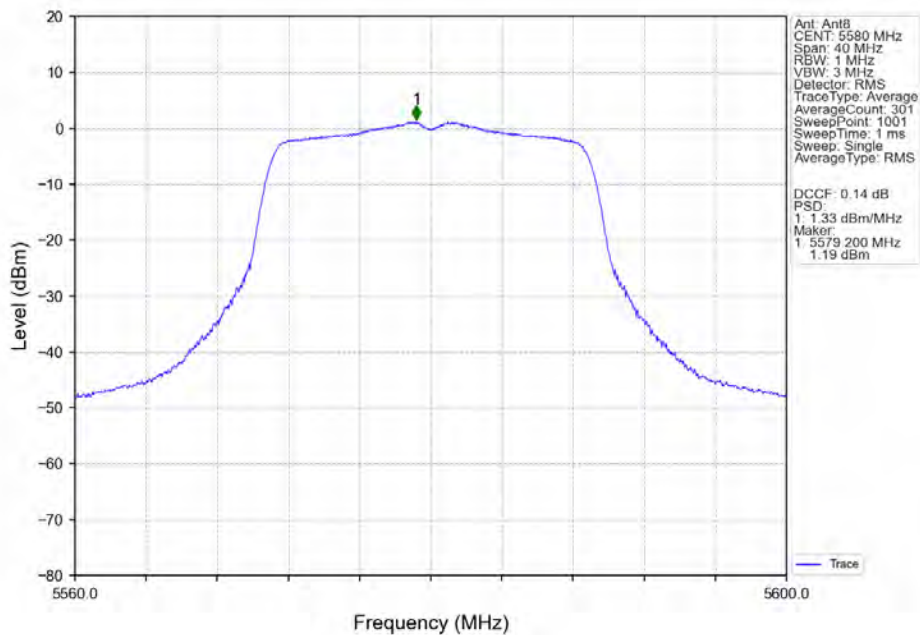
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802.11ac(VHT20)_MCH_5580MHz_Ant9_NTNV



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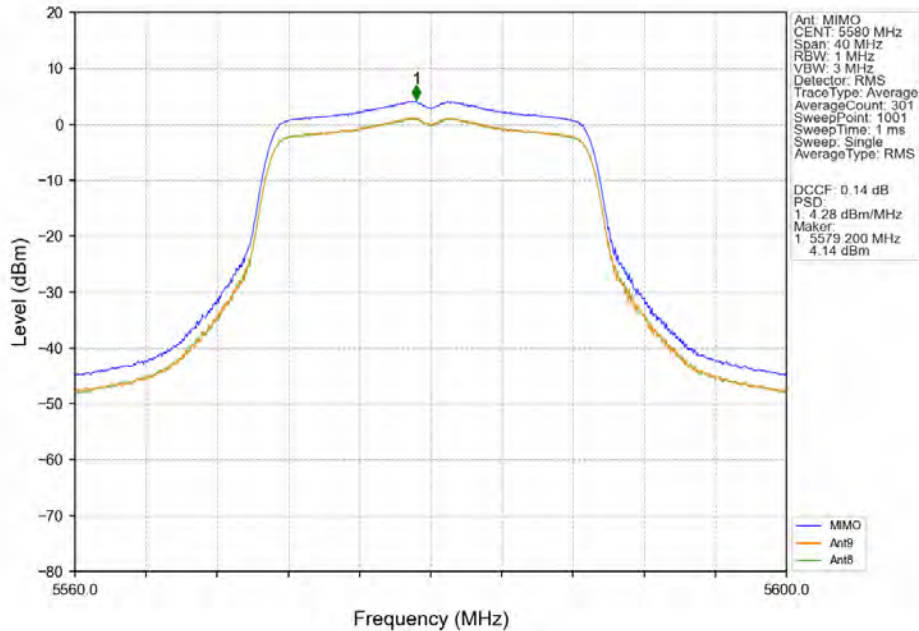
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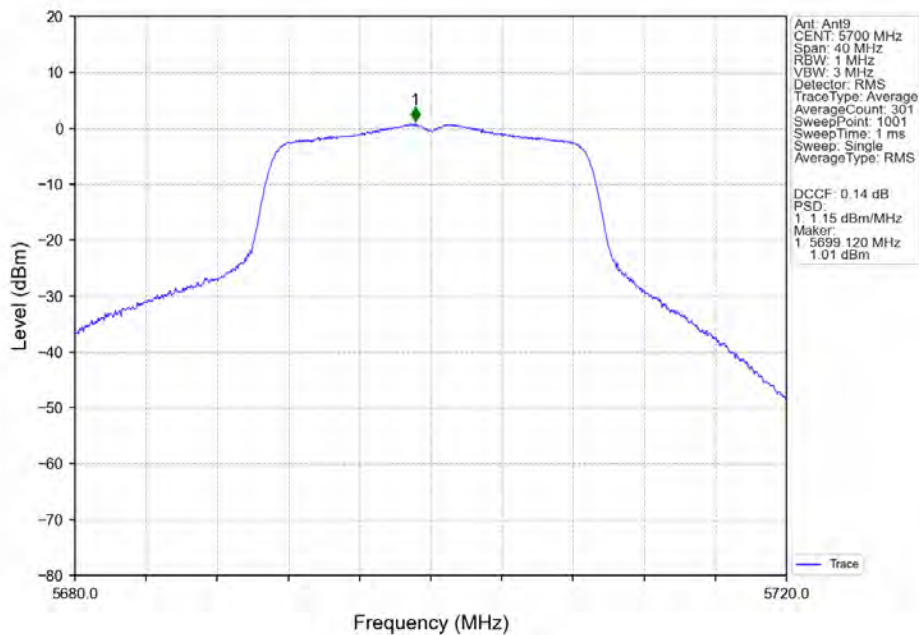
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802.11ac(VHT20)_MCH_5580MHz_MIMO_NTNV



802.11ac(VHT20)_HCH_5700MHz_Ant9_NTNV



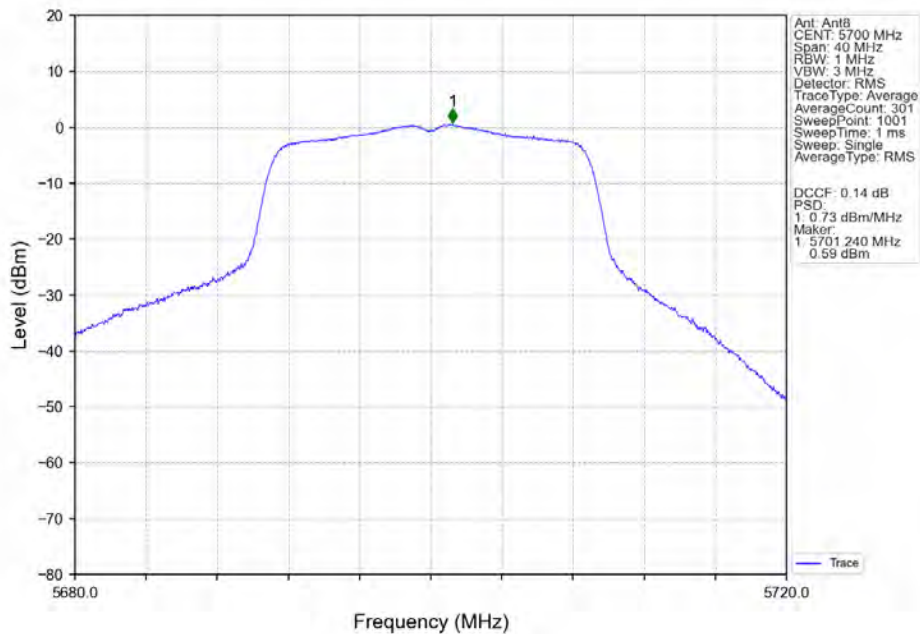
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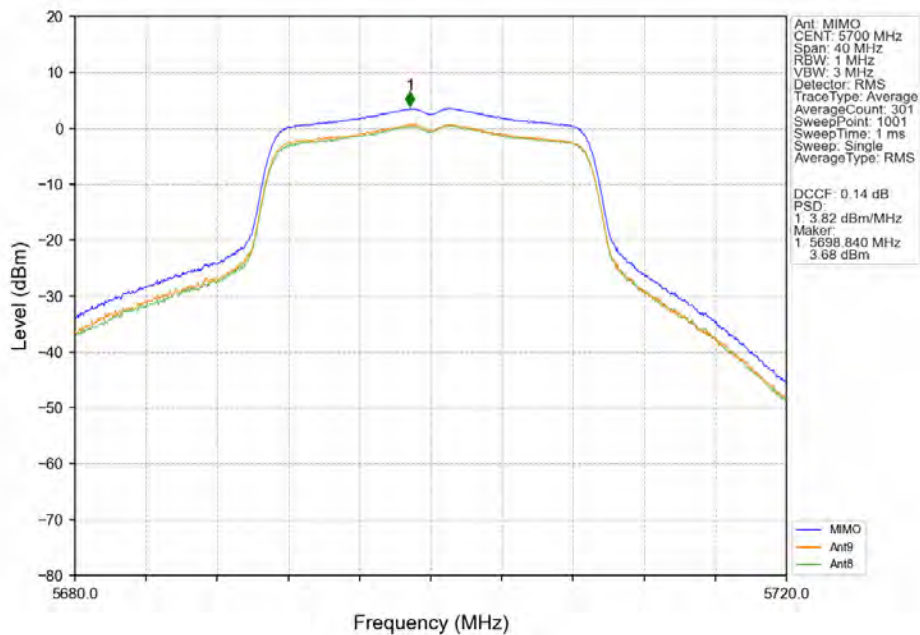
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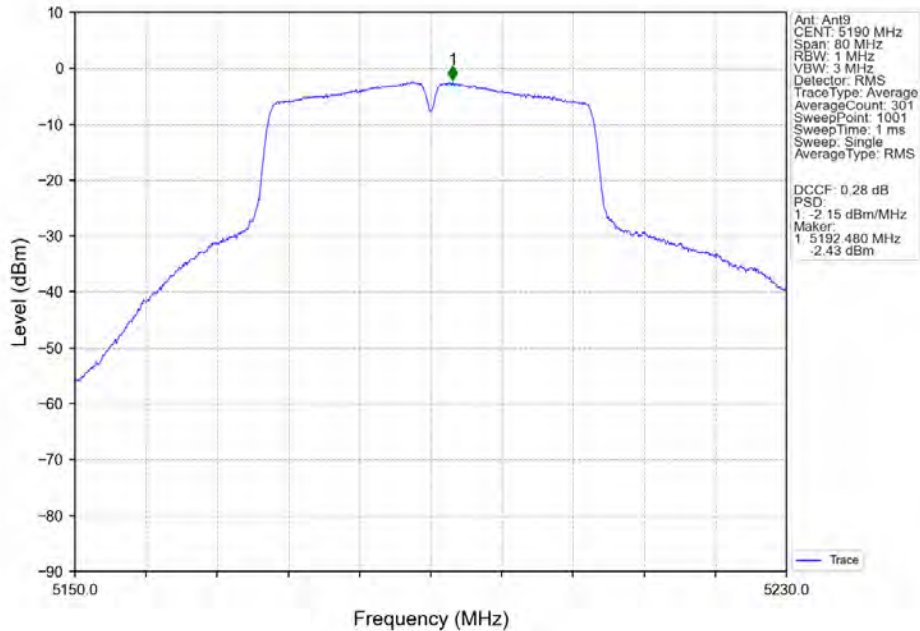
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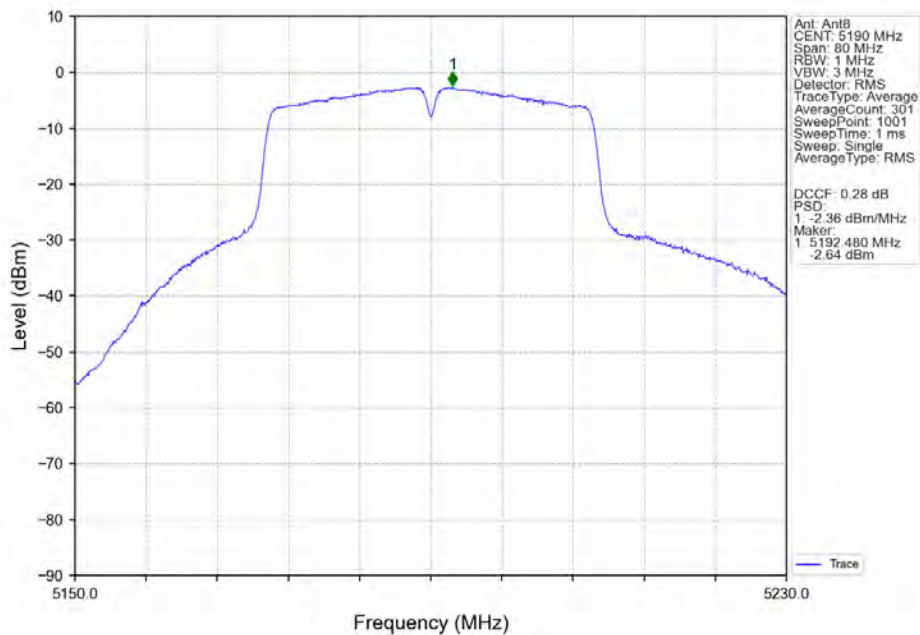
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802.11ac(VHT40)_LCH_5190MHz_Ant9_NTNV



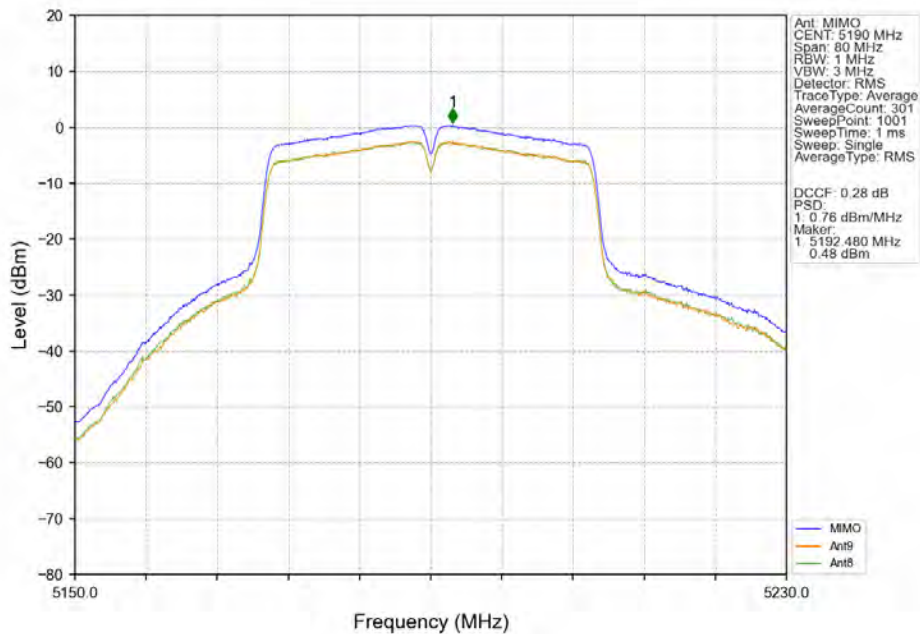
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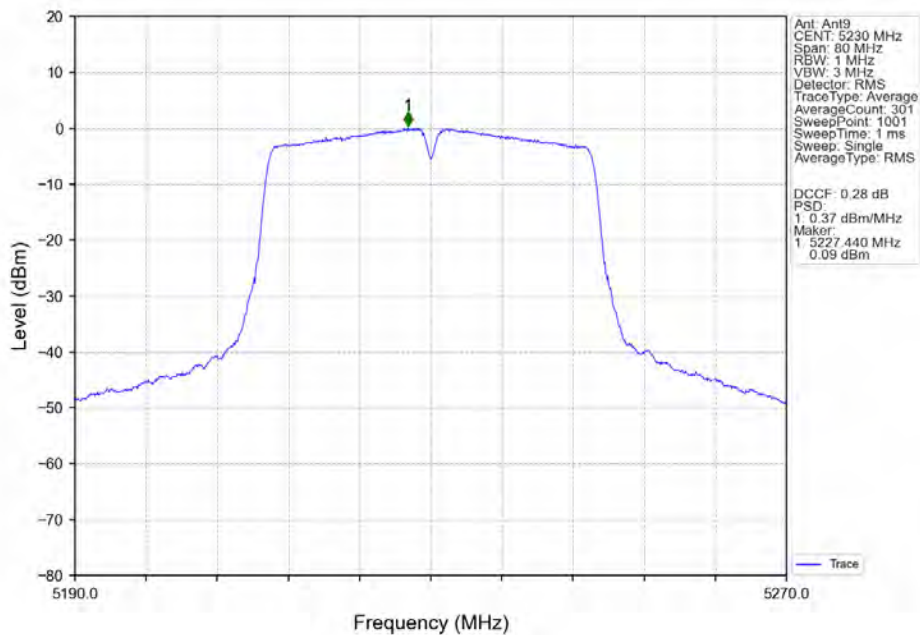
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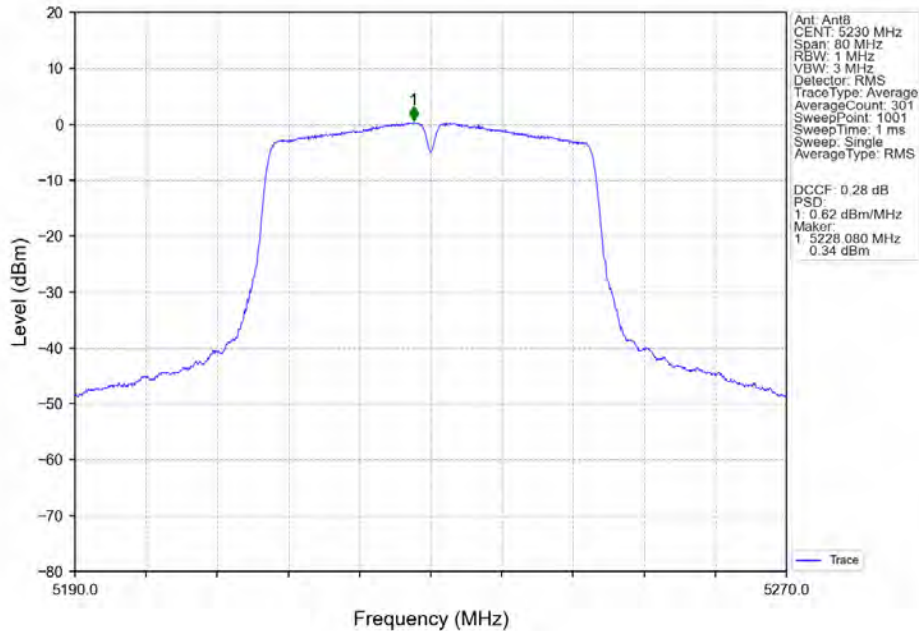
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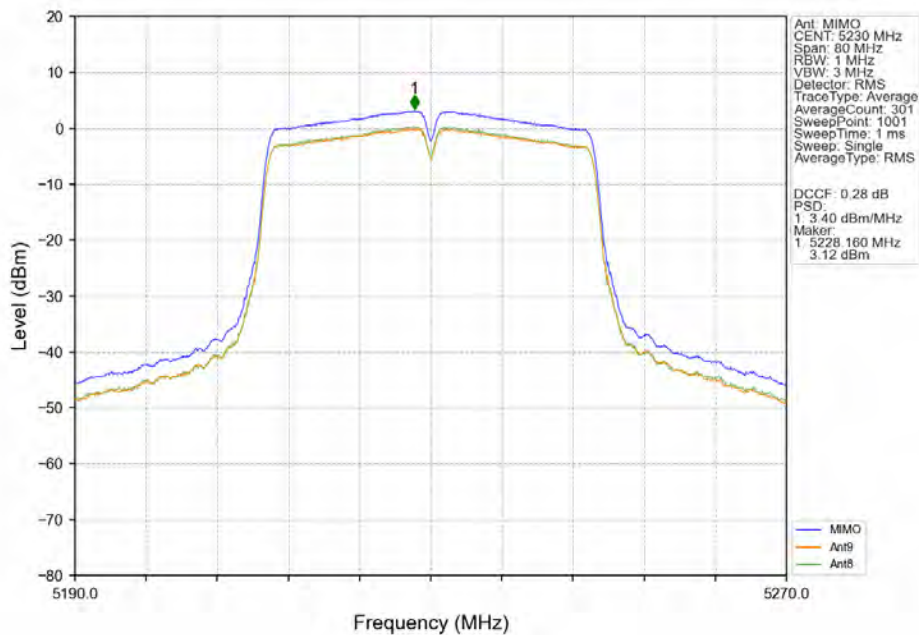
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802.11ac(VHT40)_HCH_5230MHz_MIMO_NTNV



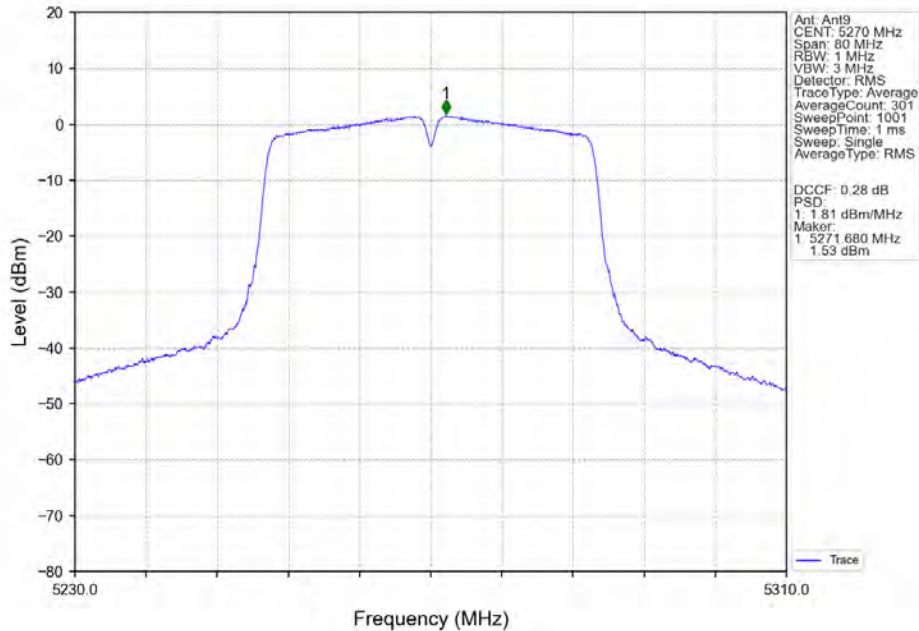
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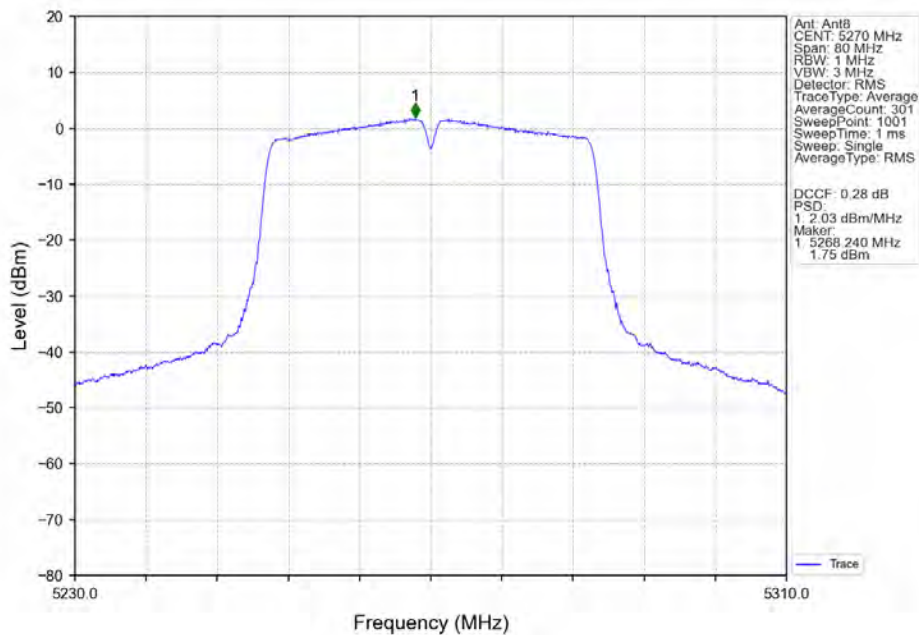
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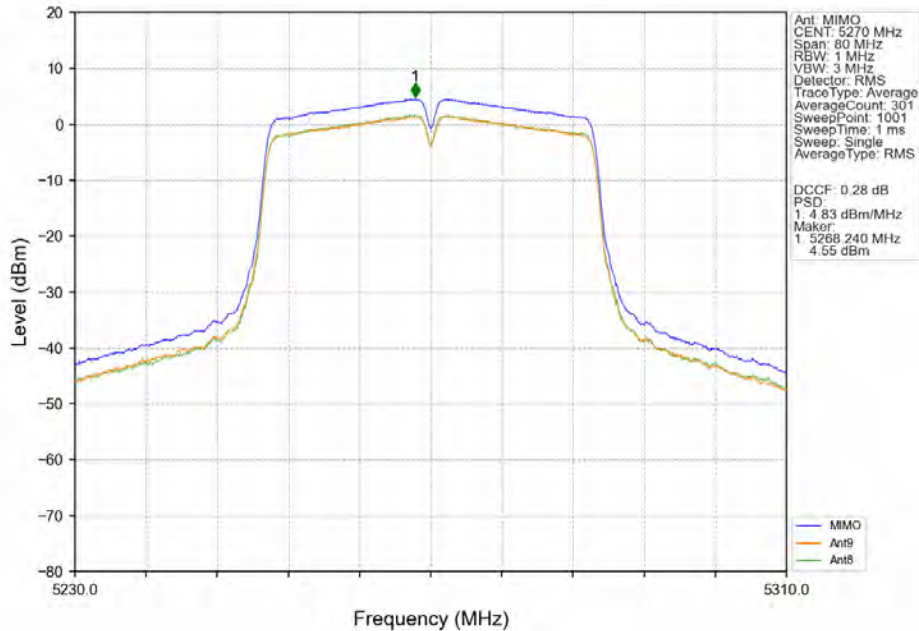
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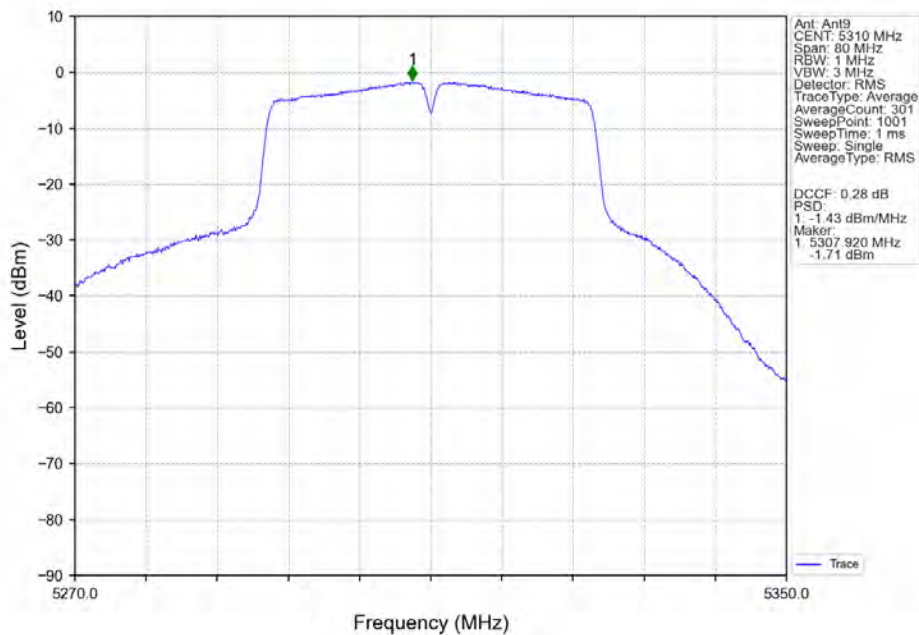
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802.11ac(VHT40)_LCH_5270MHz_MIMO_NTNV



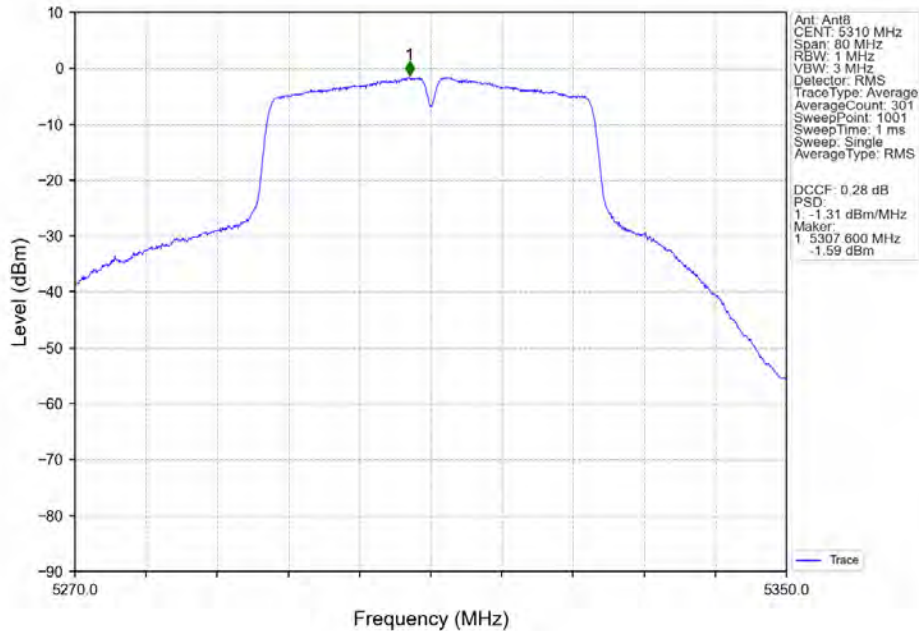
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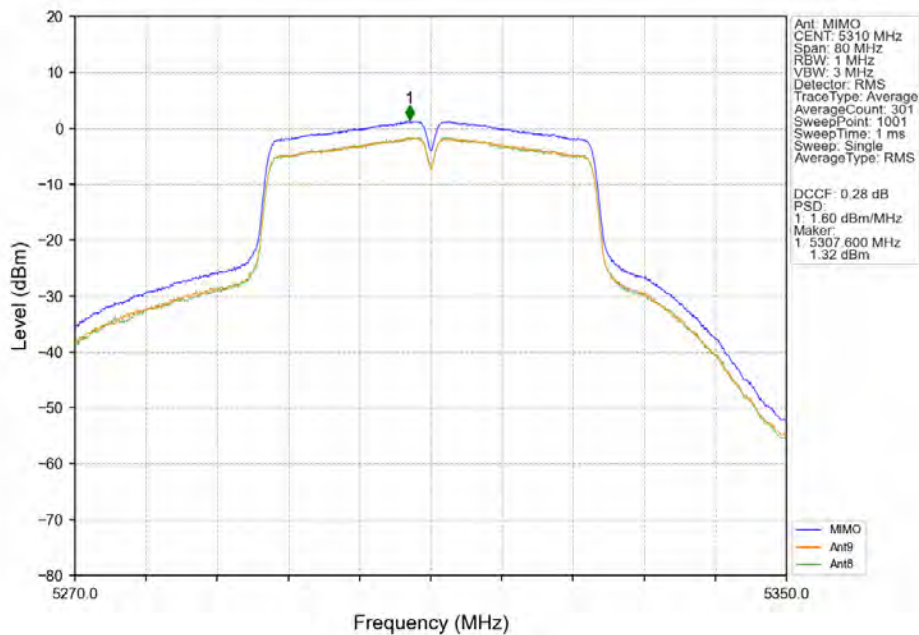
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802.11ac(VHT40)_HCH_5310MHz_Ant8_NTNV



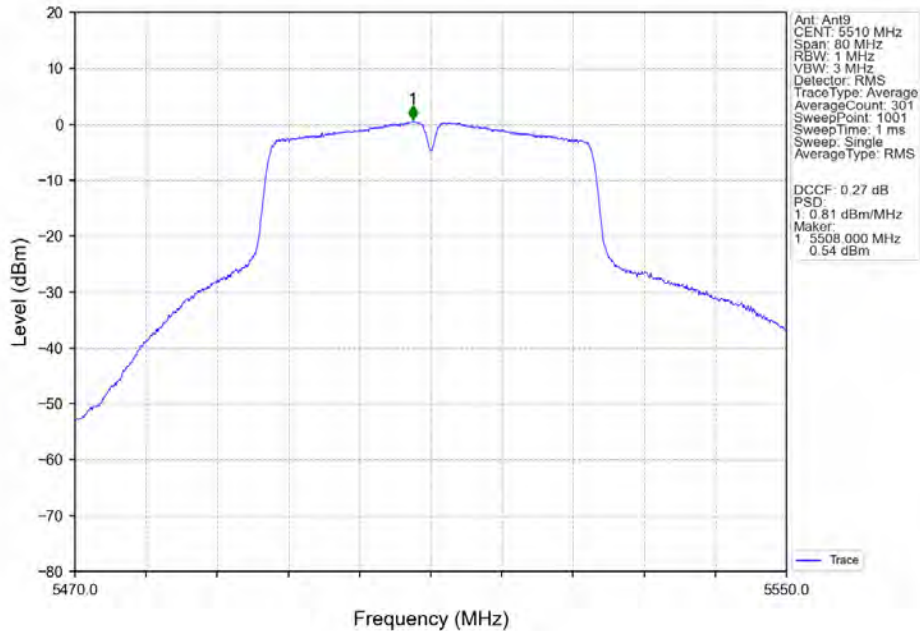
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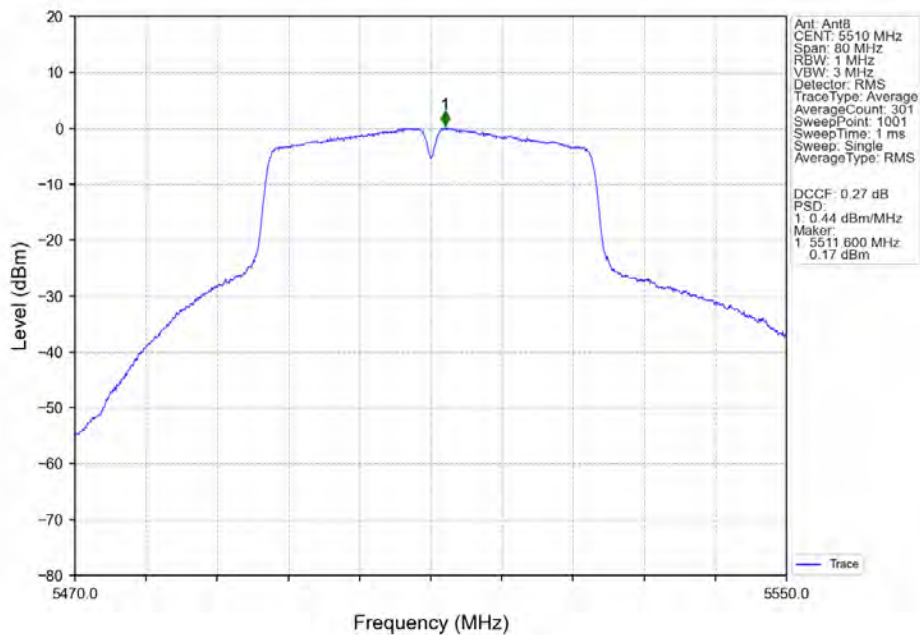
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802.11ac(VHT40)_LCH_5510MHz_Ant9_NTNV



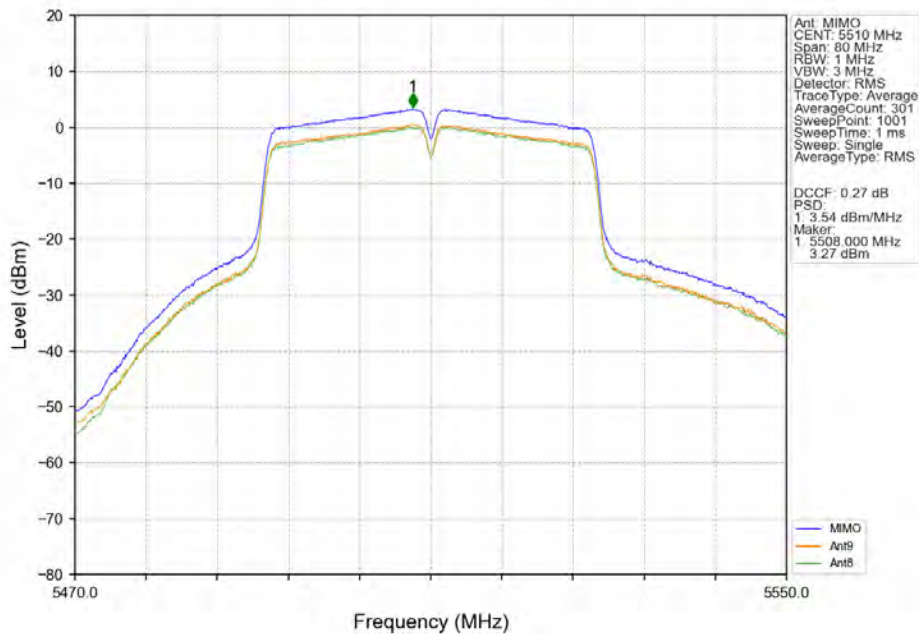
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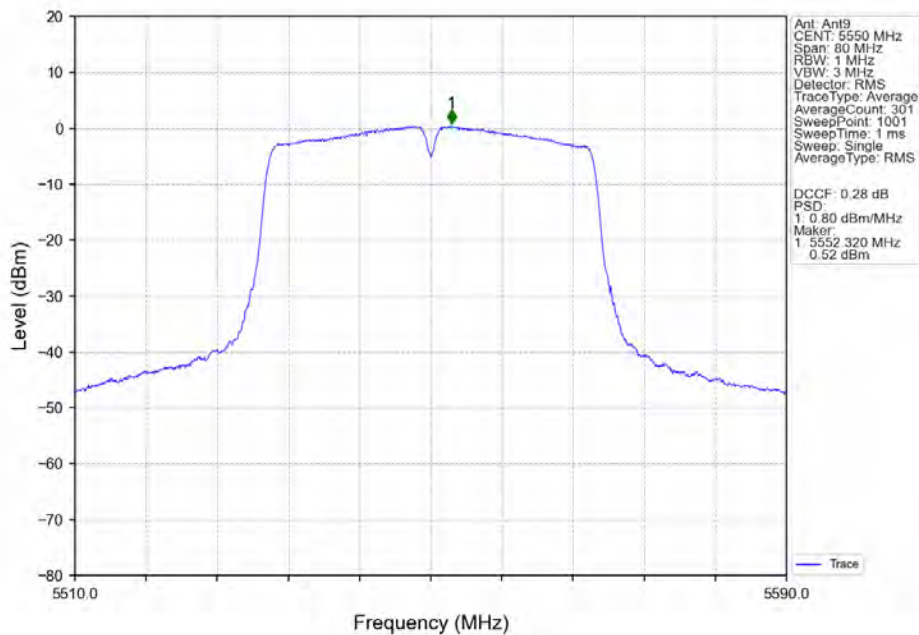
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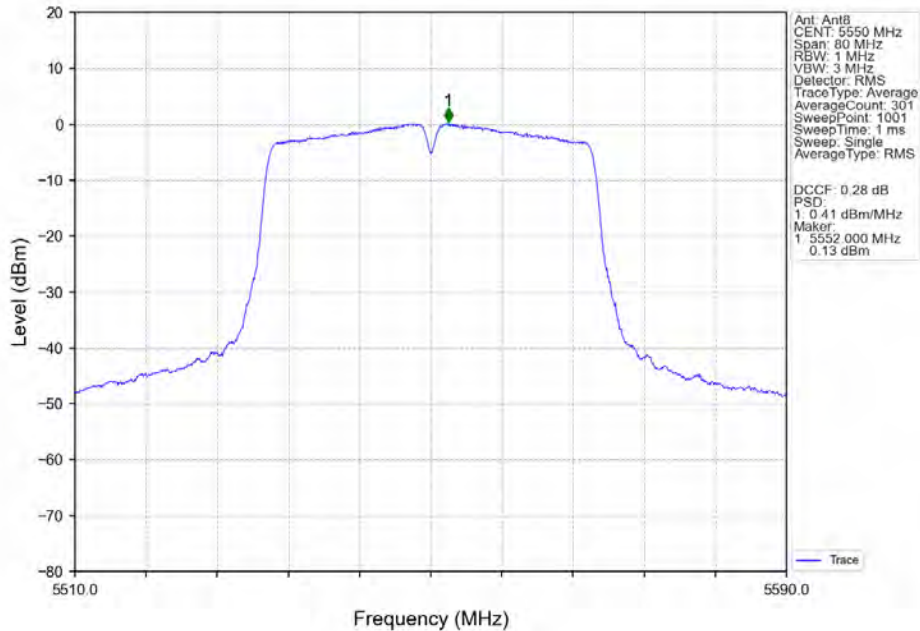
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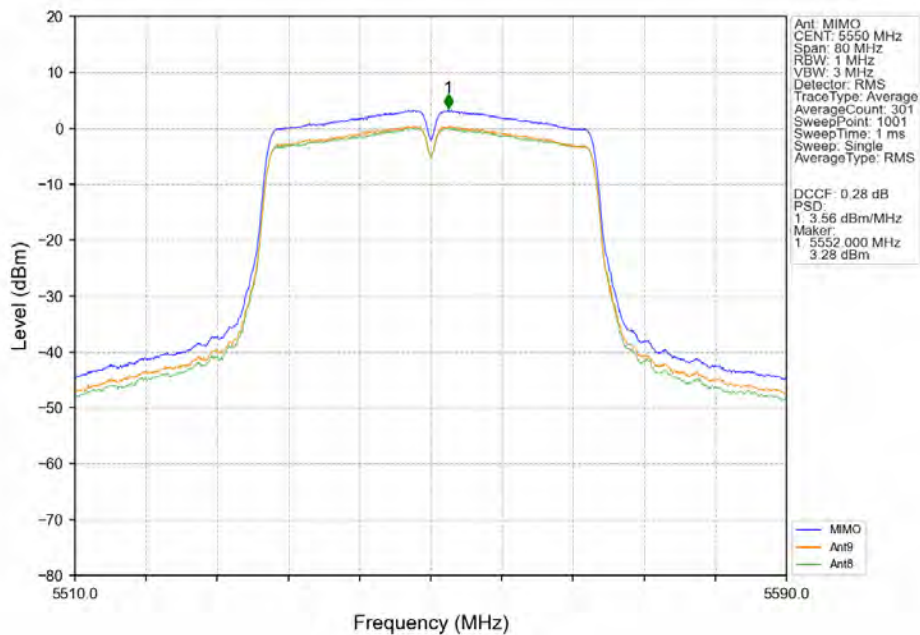
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802.11ac(VHT40)_MCH_5550MHz_MIMO_NTNV



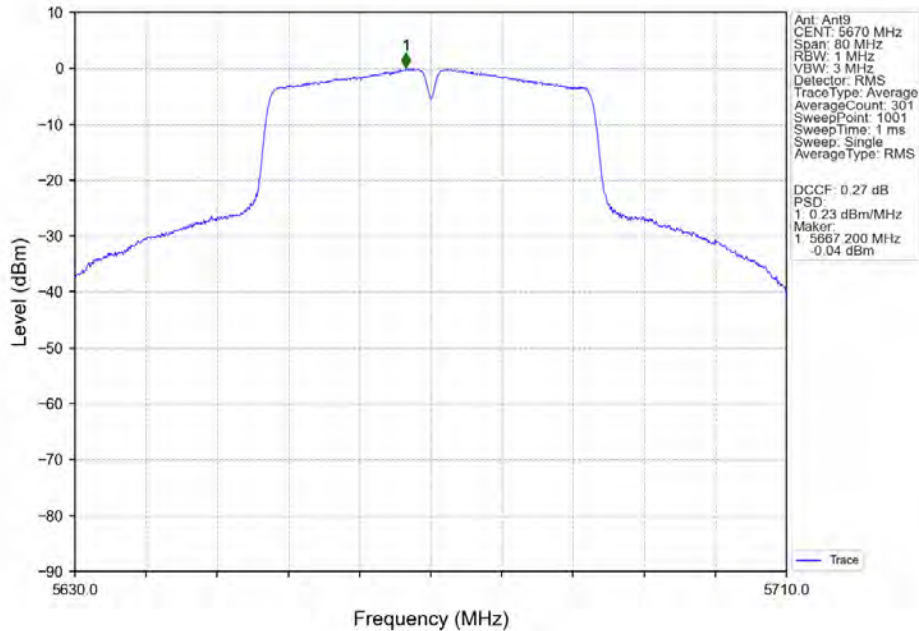
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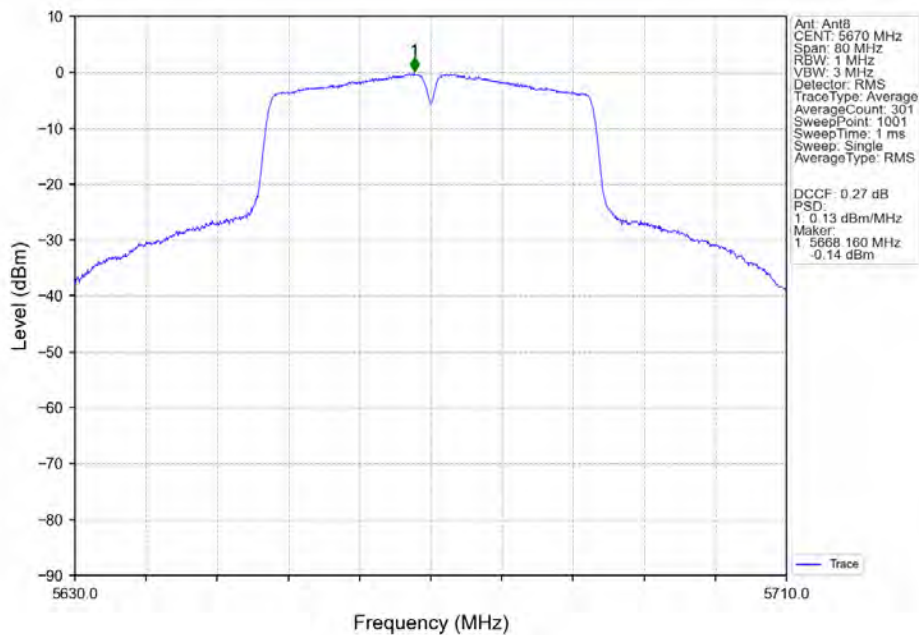
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802.11ac(VHT40)_HCH_5670MHz_Ant9_NTNV



802.11ac(VHT40)_HCH_5670MHz_Ant8_NTNV



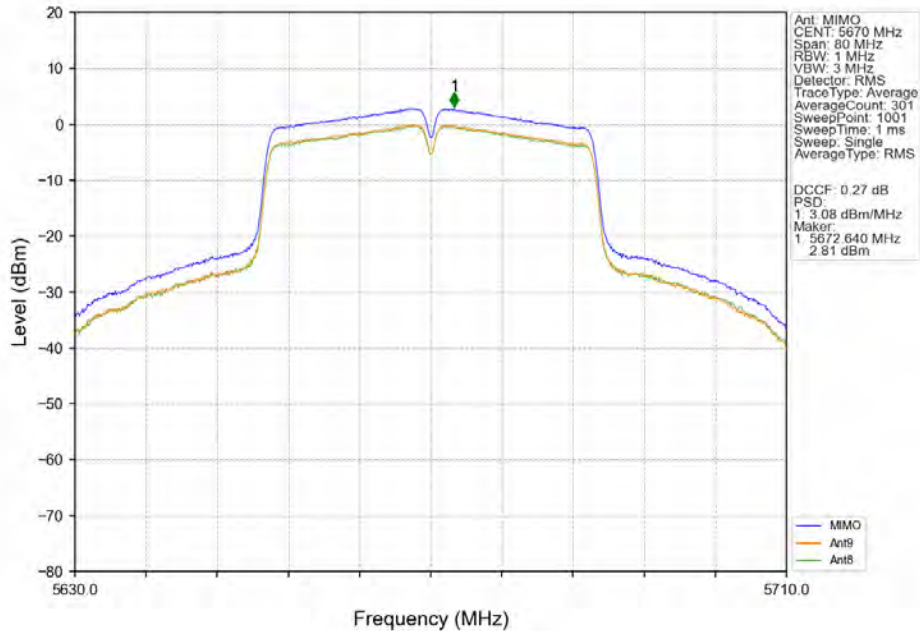
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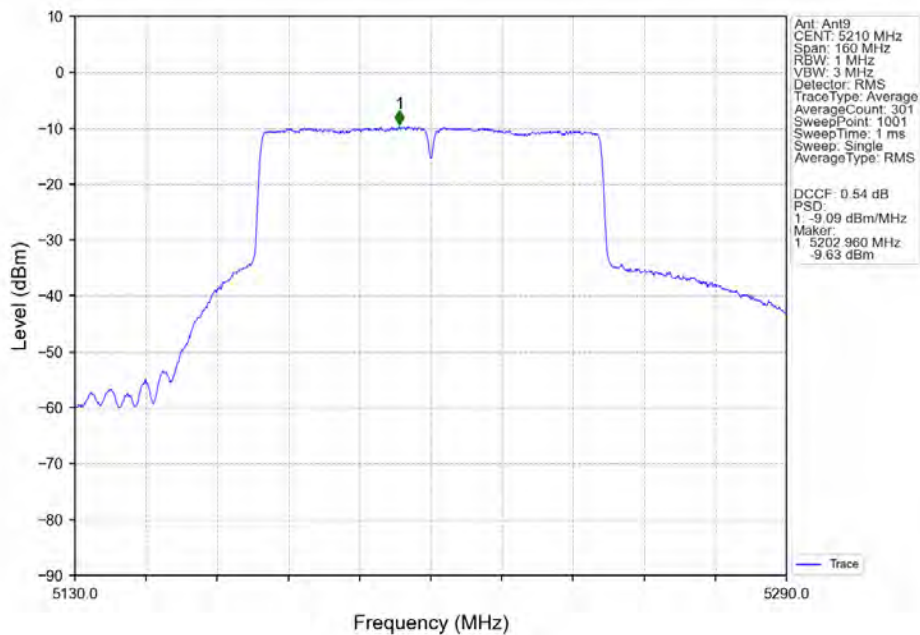
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802.11ac(VHT40)_HCH_5670MHz_MIMO_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant9_NTNV



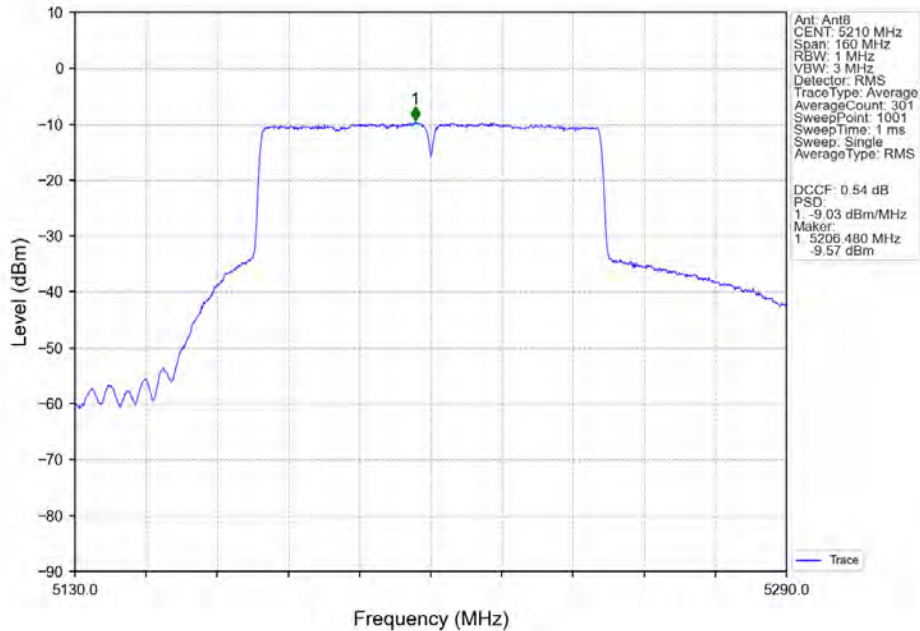
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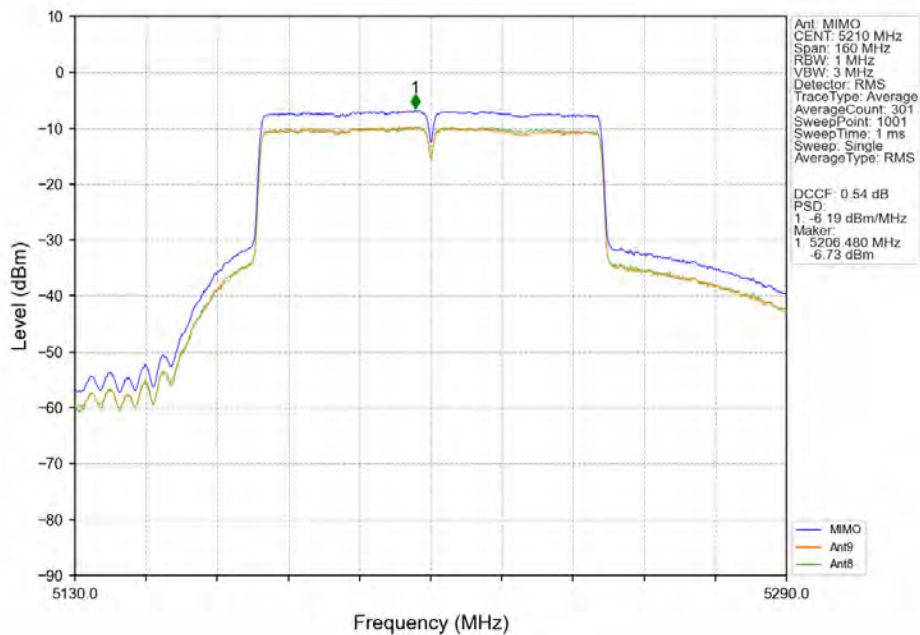
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802.11ac(VHT80)_MCH_5210MHz_Ant8_NTNV



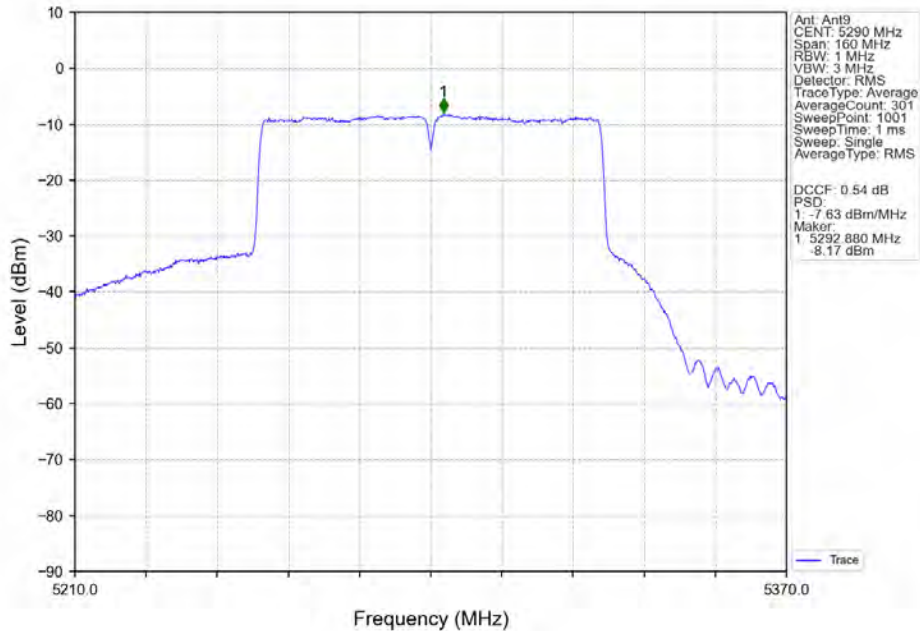
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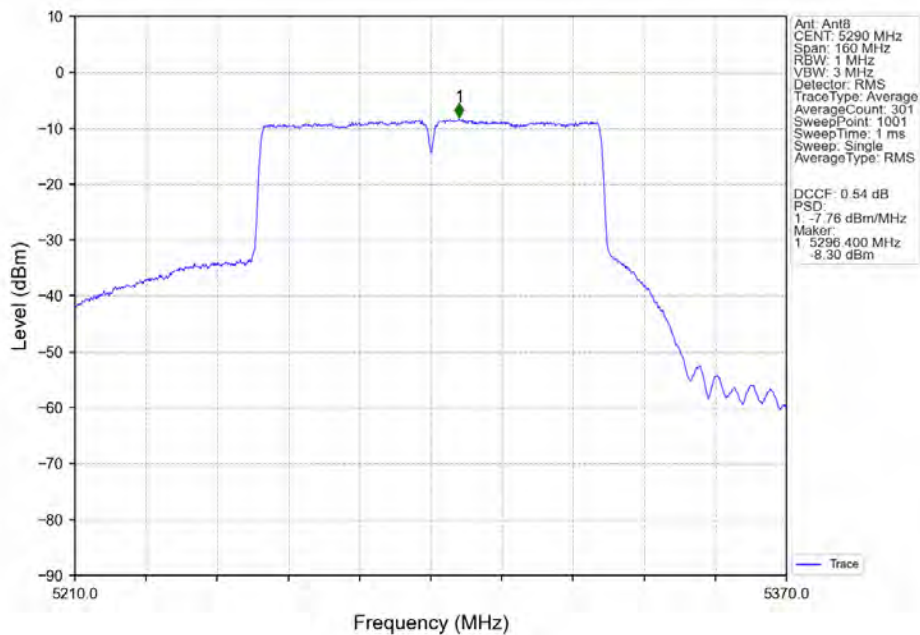
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802.11ac(VHT80)_MCH_5290MHz_Ant9_NTNV



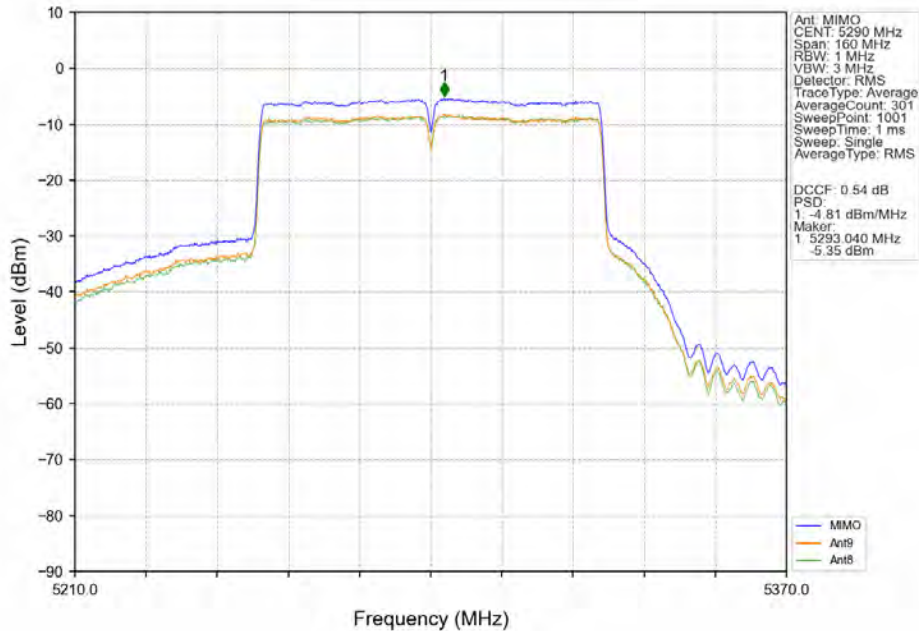
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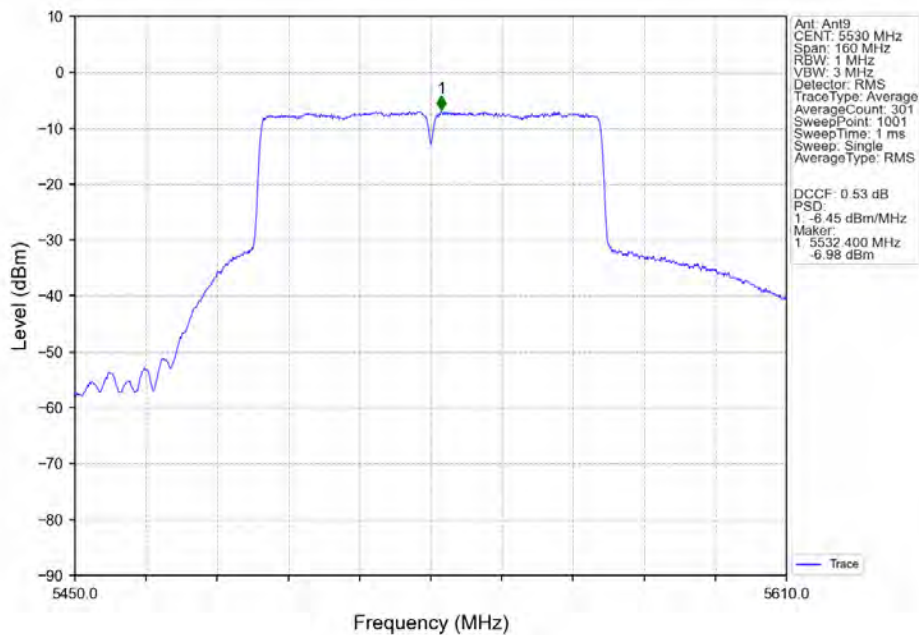
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802.11ac(VHT80)_MCH_5290MHz_MIMO_NTNV



802.11ac(VHT80)_LCH_5530MHz_Ant9_NTNV



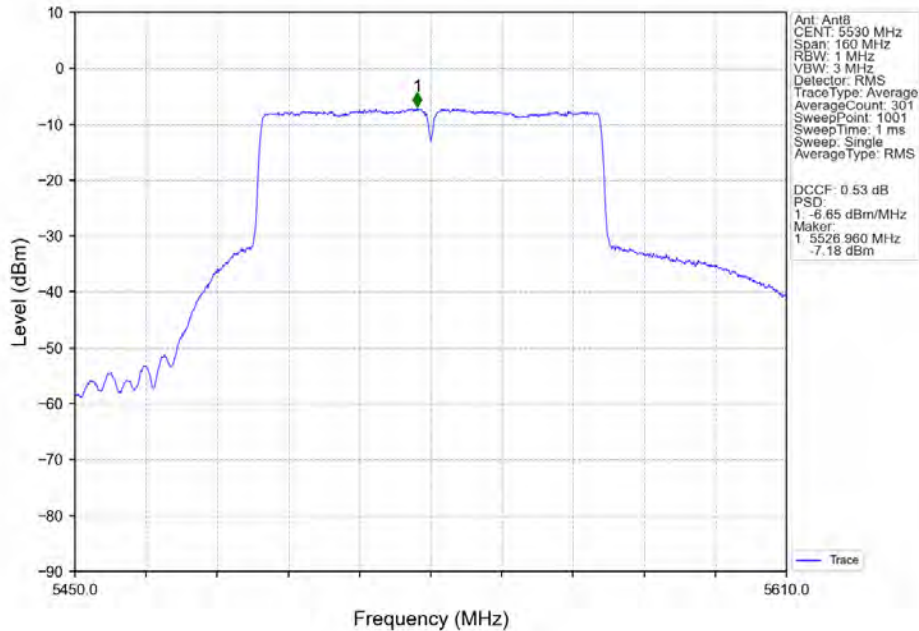
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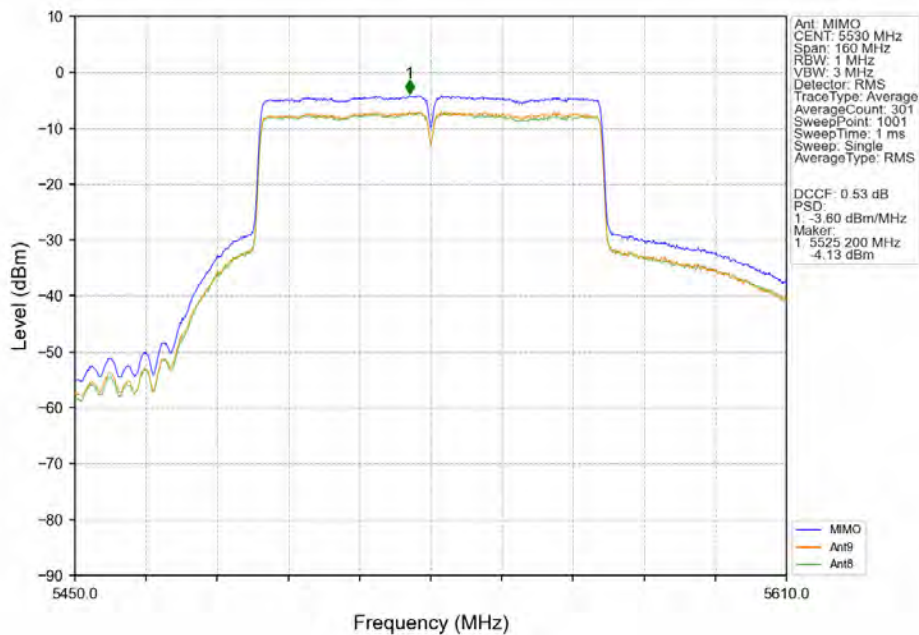
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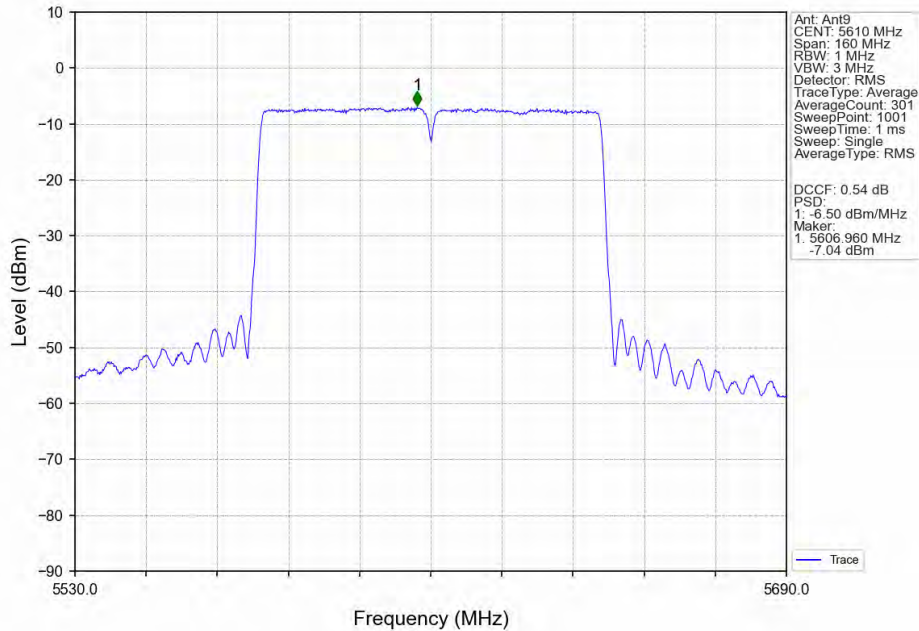
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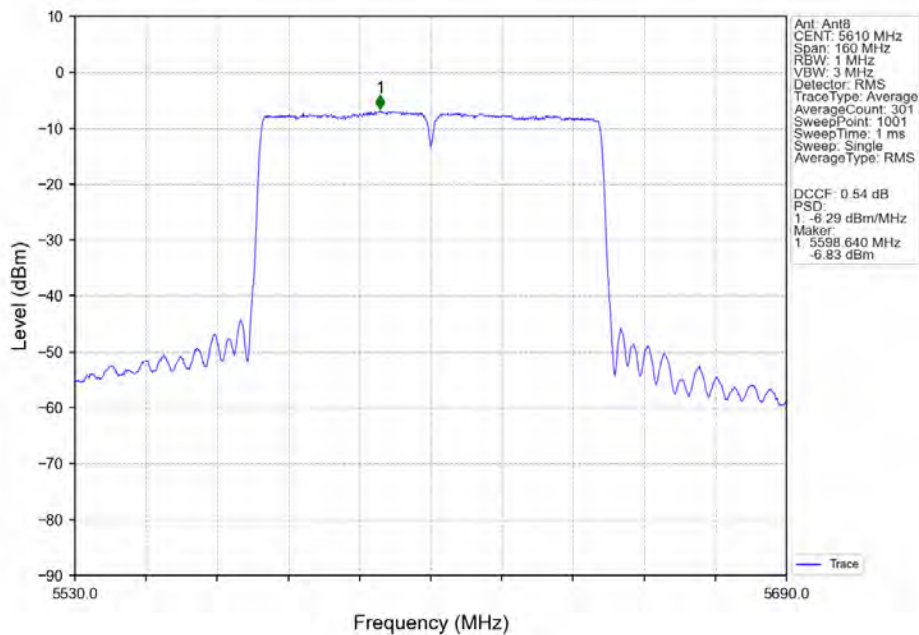
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802.11ac(VHT80)_HCH_5610MHz_Ant9_NTNV



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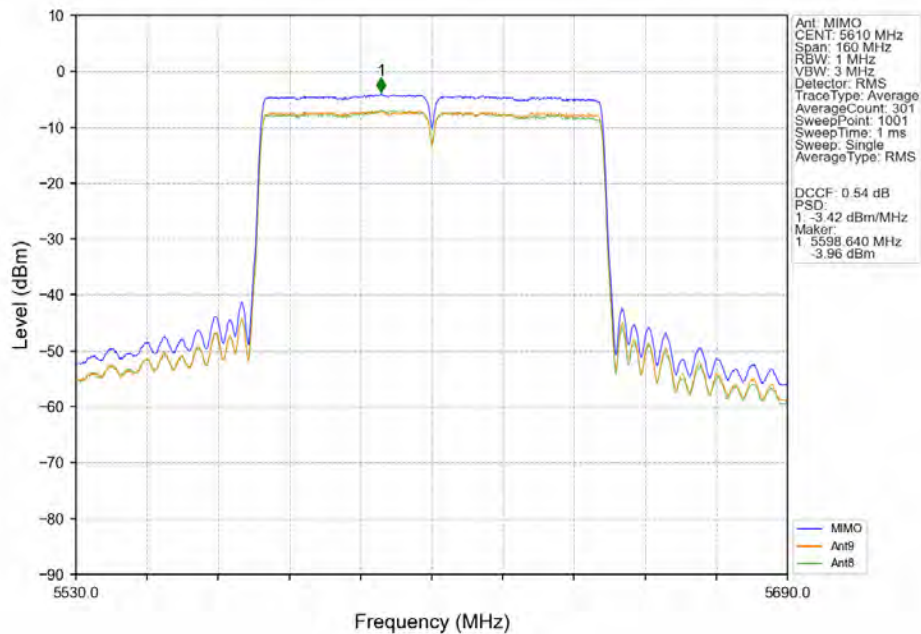
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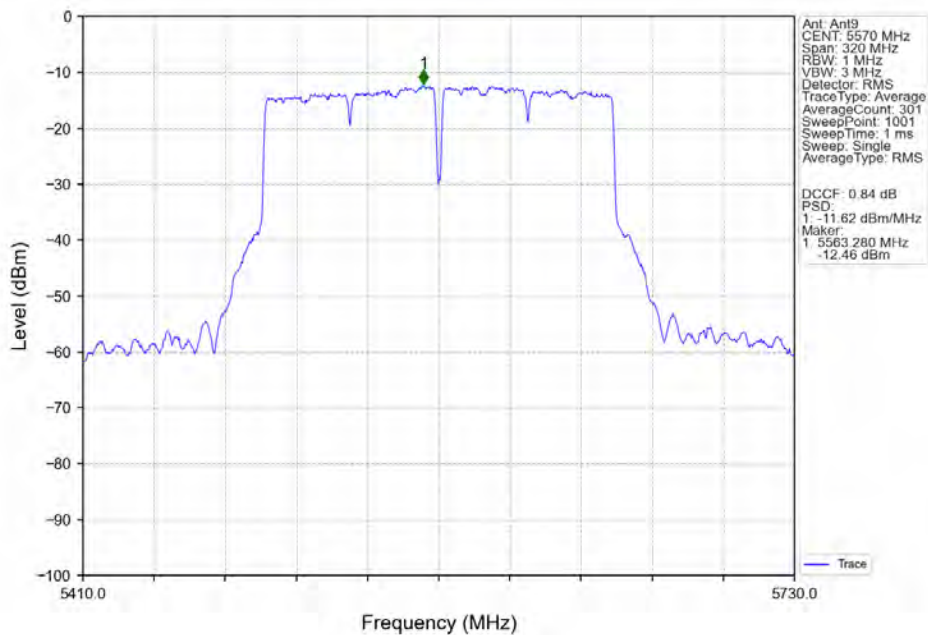
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Shenzhen Branch Testing Center (CCC Laboratory)

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
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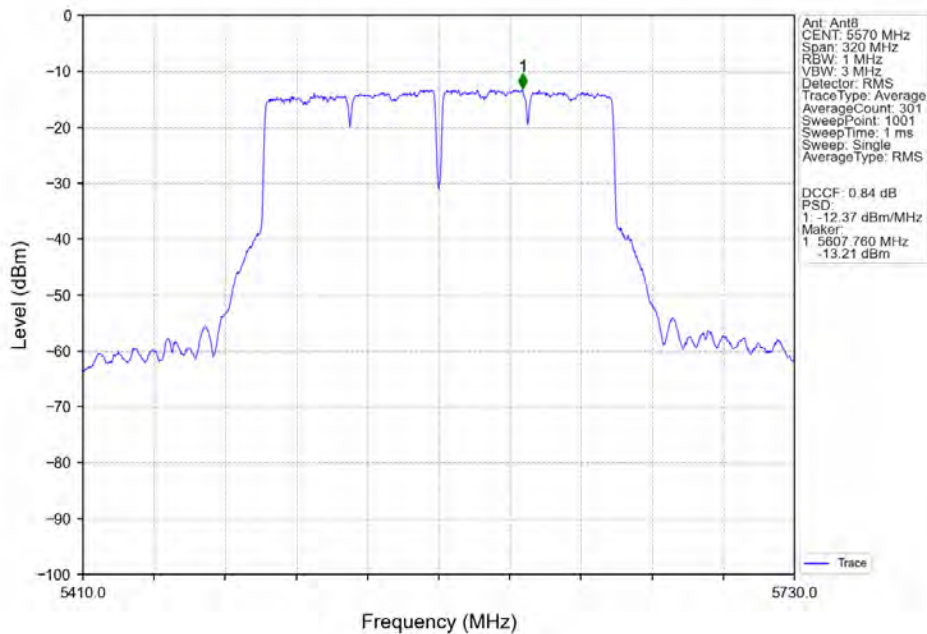
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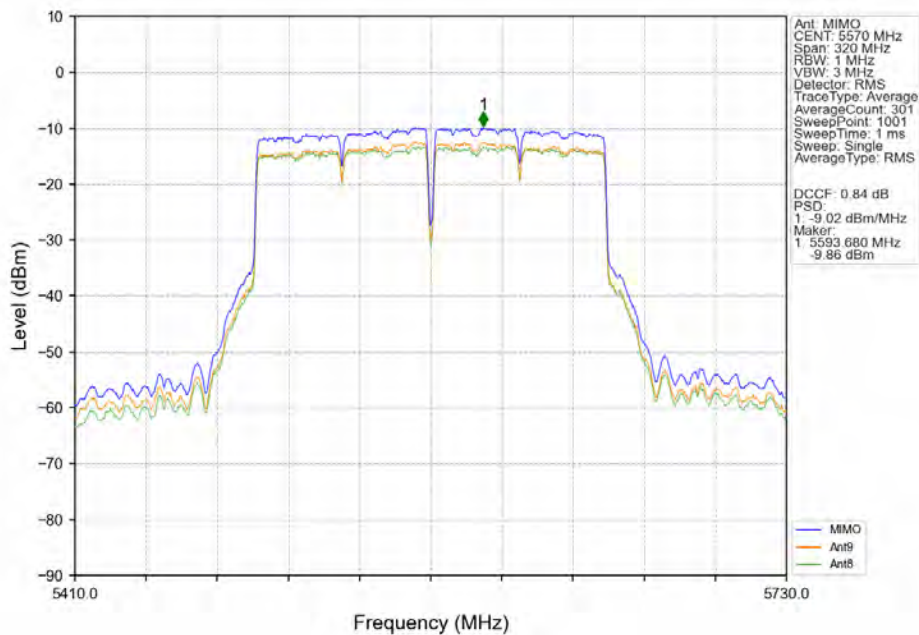
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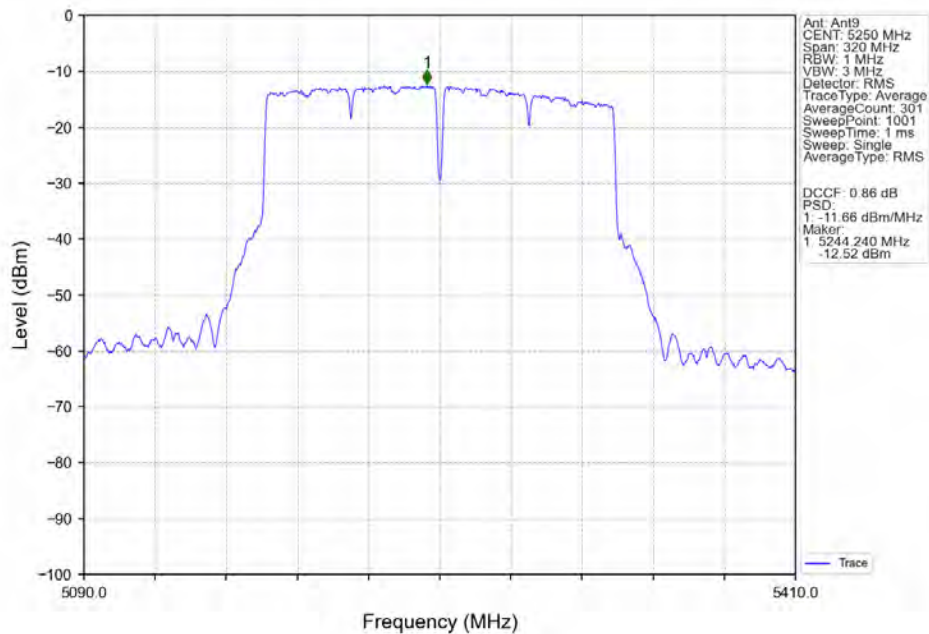
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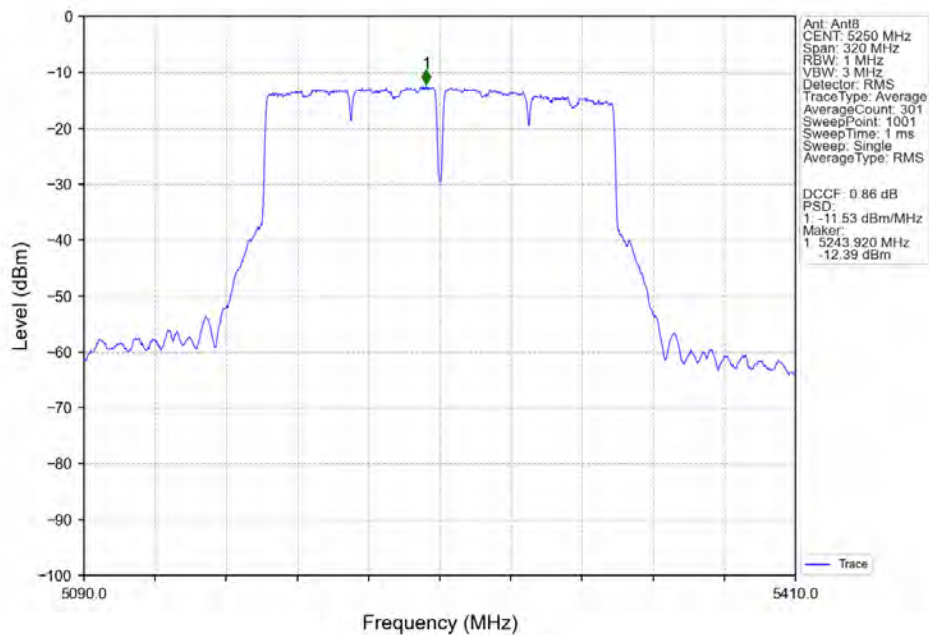
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802.11ac(VHT160)_MCH_5250MHz_Ant8_NTNV



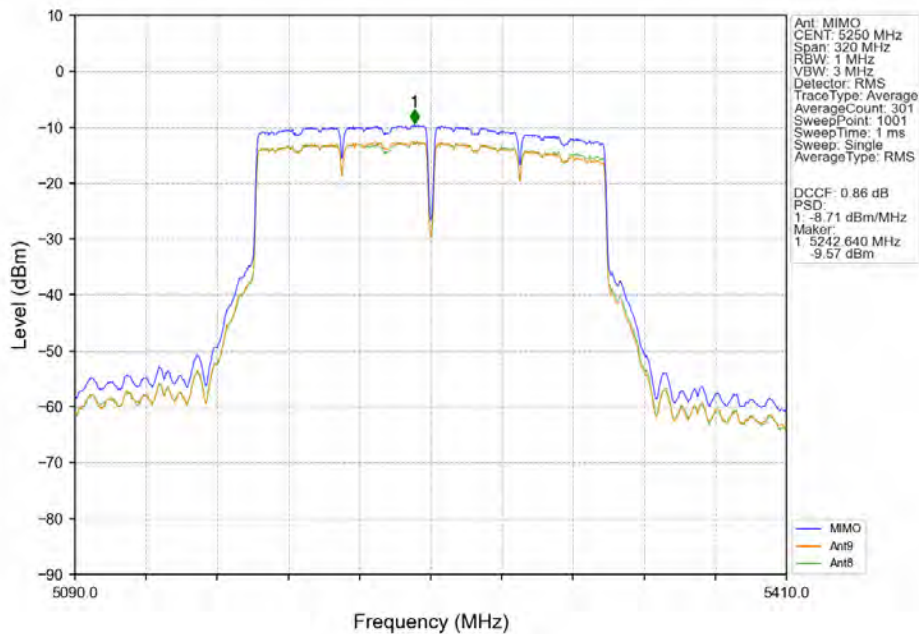
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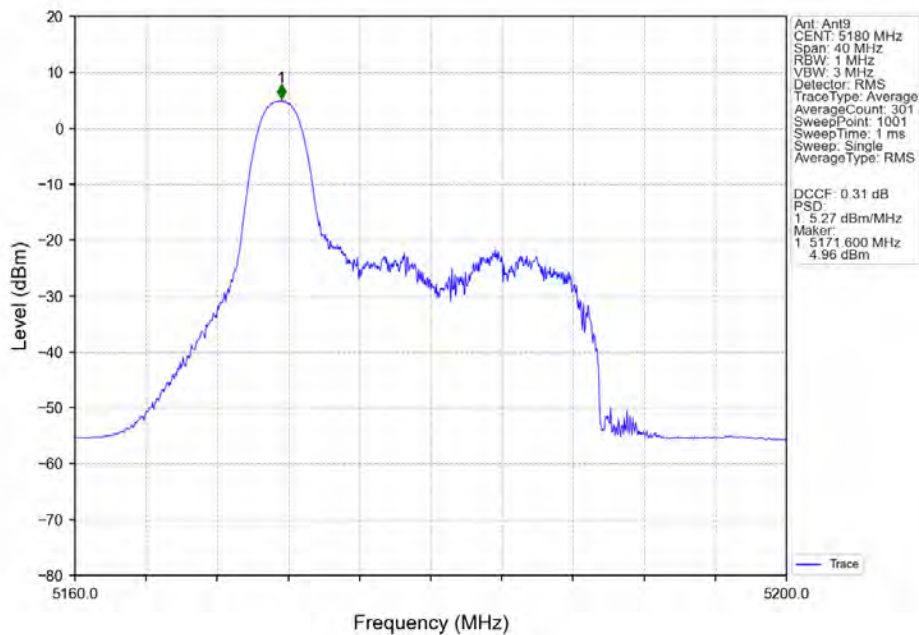
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802.11ac(VHT160)_MCH_5250MHz_MIMO_NTNV



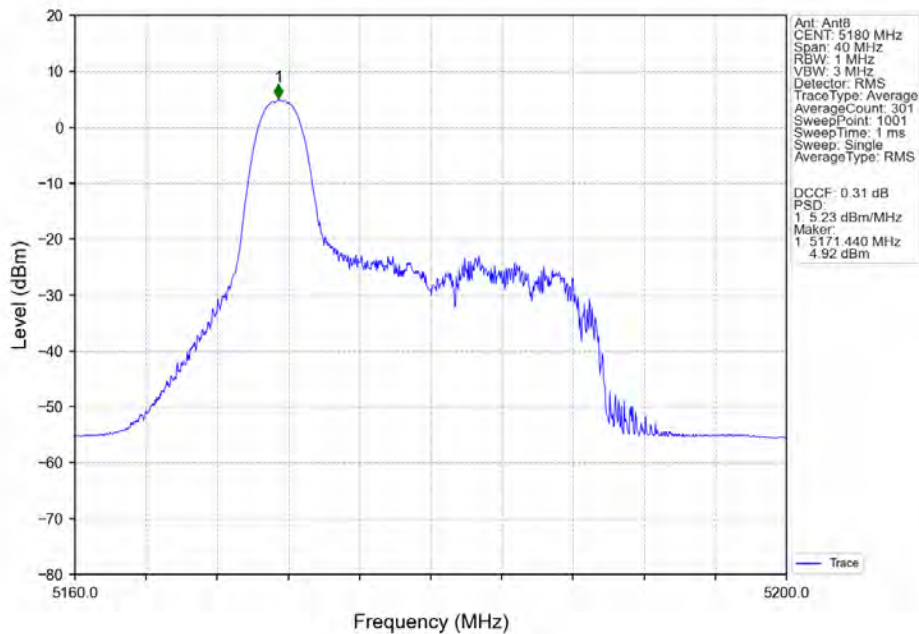
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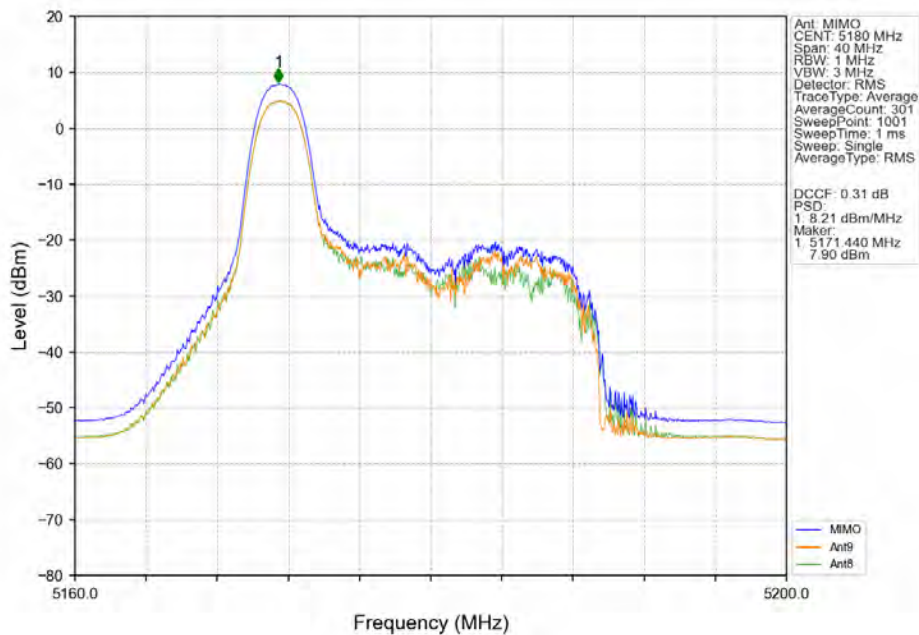
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802.11ax(HEW20)_LCH_5180MHz_RU26_Left_Ant8_NTNV



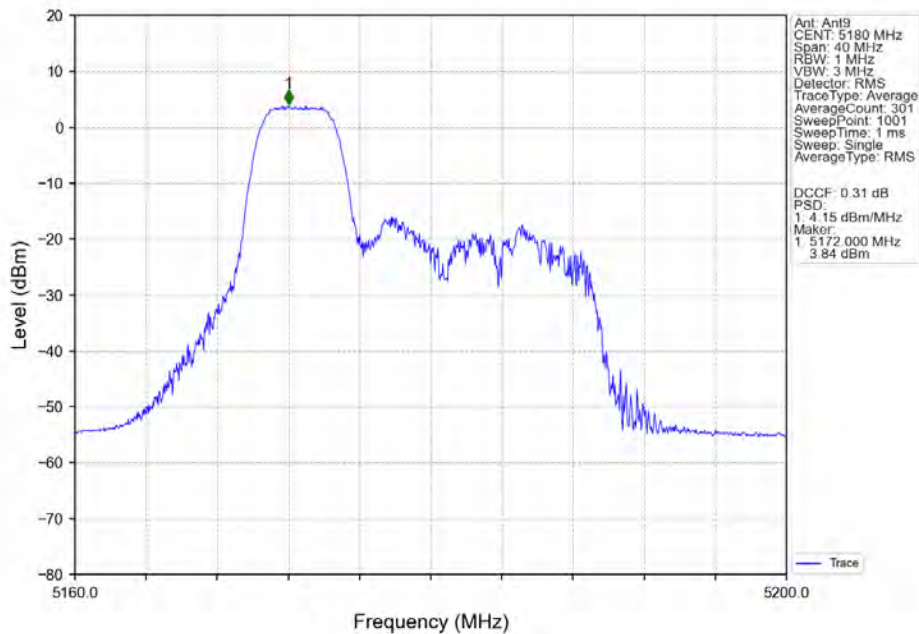
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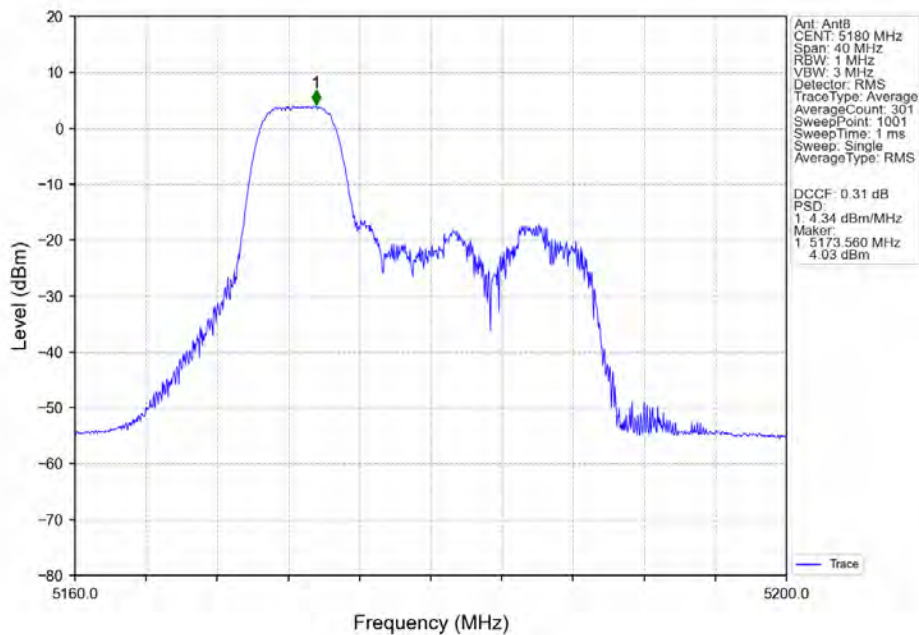
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802.11ax(HEW20)_LCH_5180MHz_RU52_Left_Ant9_NTNV



802.11ax(HEW20)_LCH_5180MHz_RU52_Left_Ant8_NTNV



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