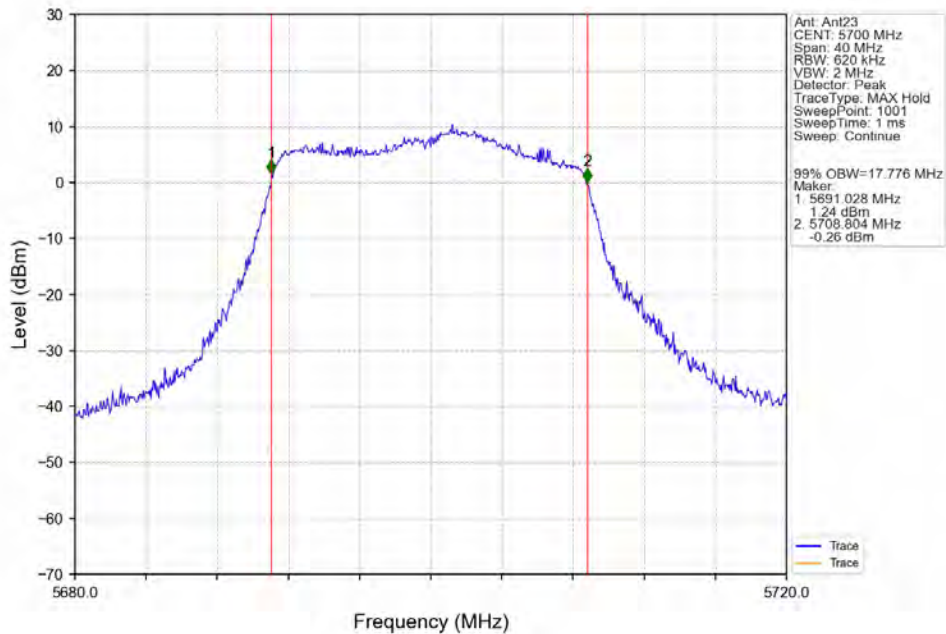
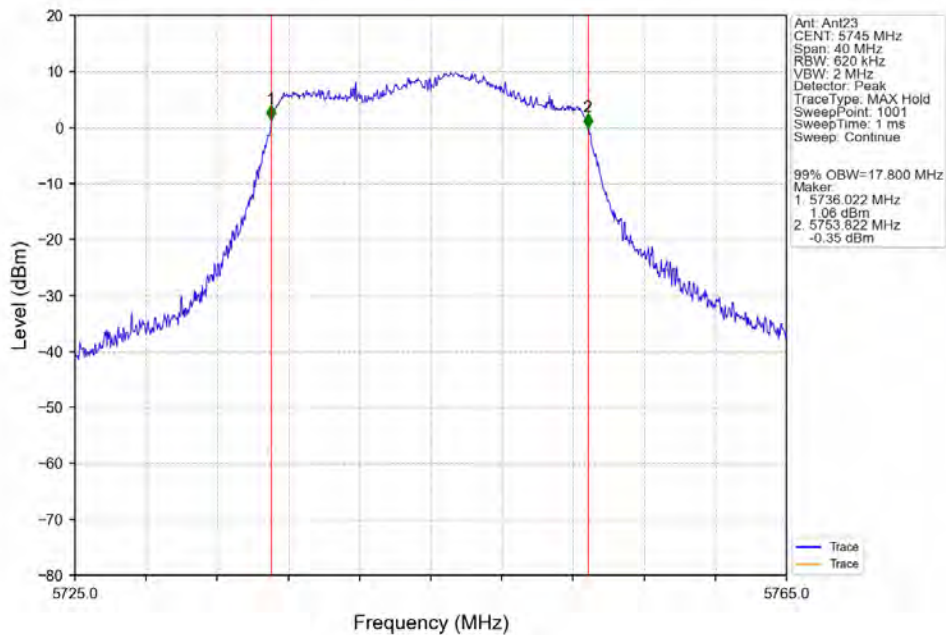


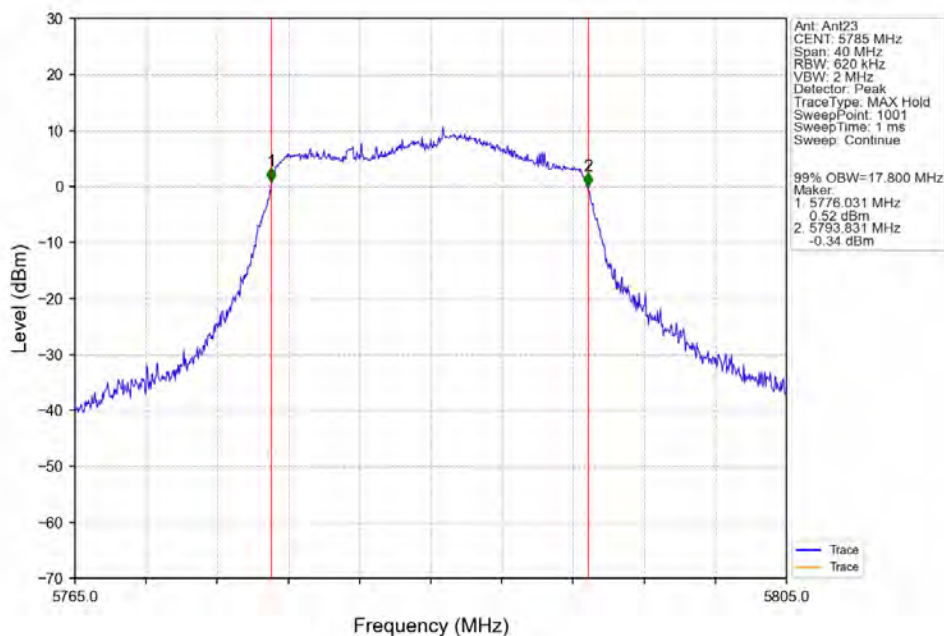
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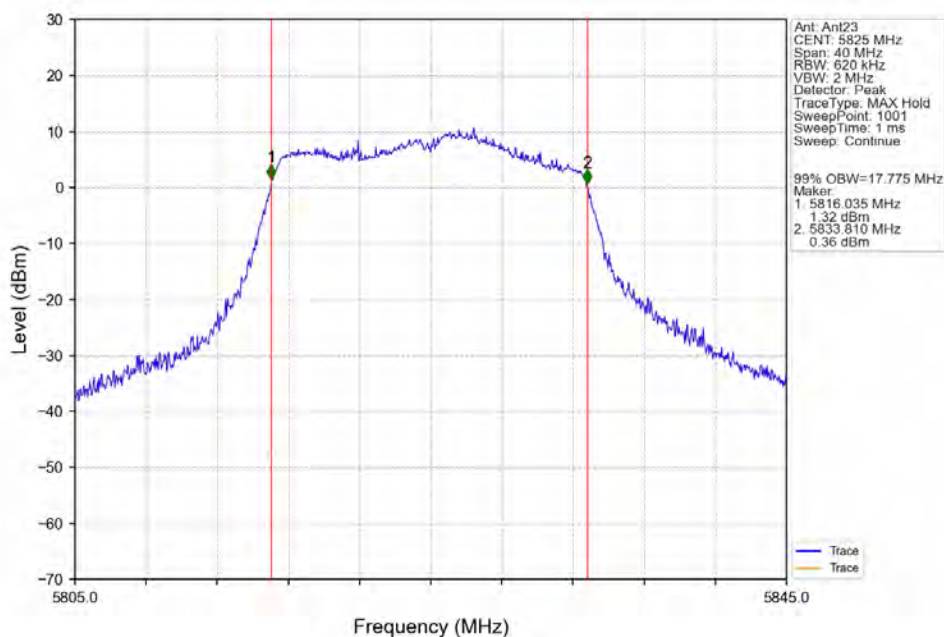
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802.11ac(VHT20)_MCH_5785MHz_Ant23_NTNV



802.11ac(VHT20)_HCH_5825MHz_Ant23_NTNV



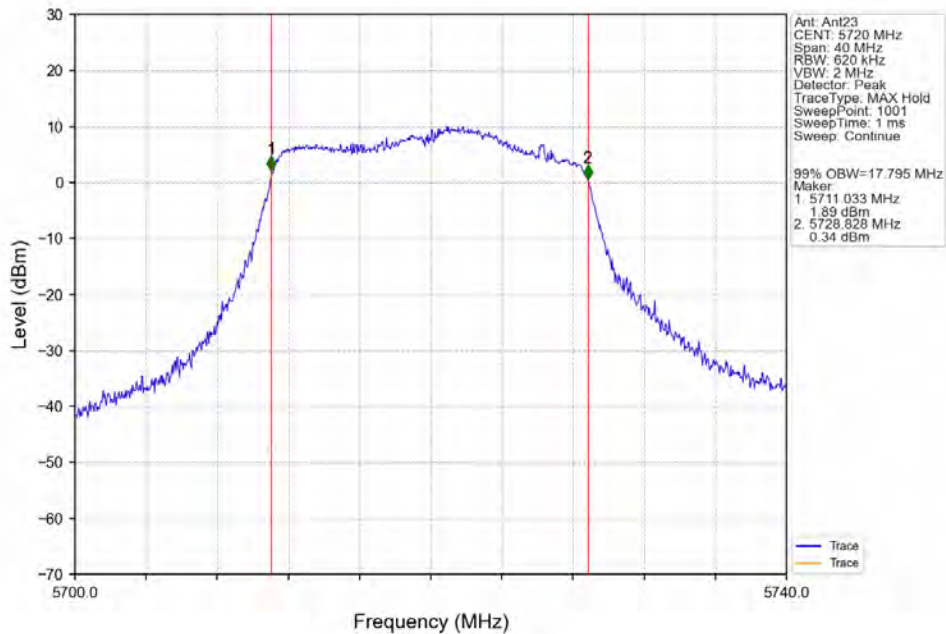
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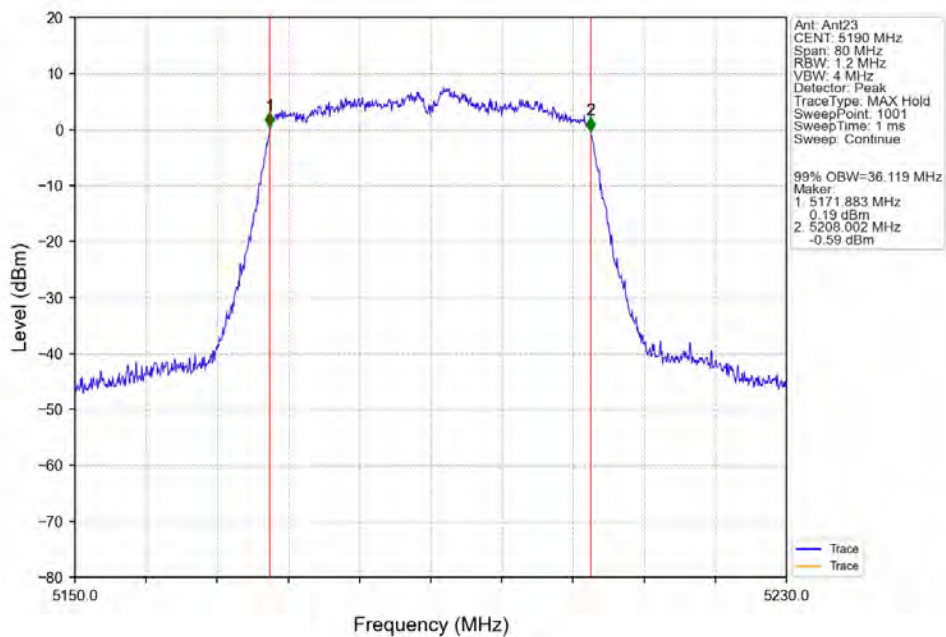
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No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

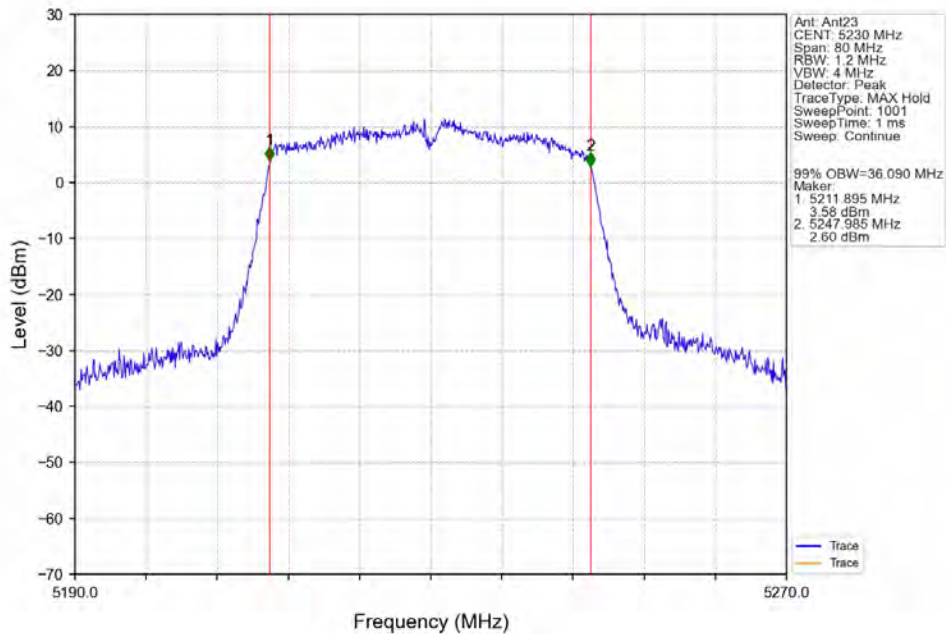
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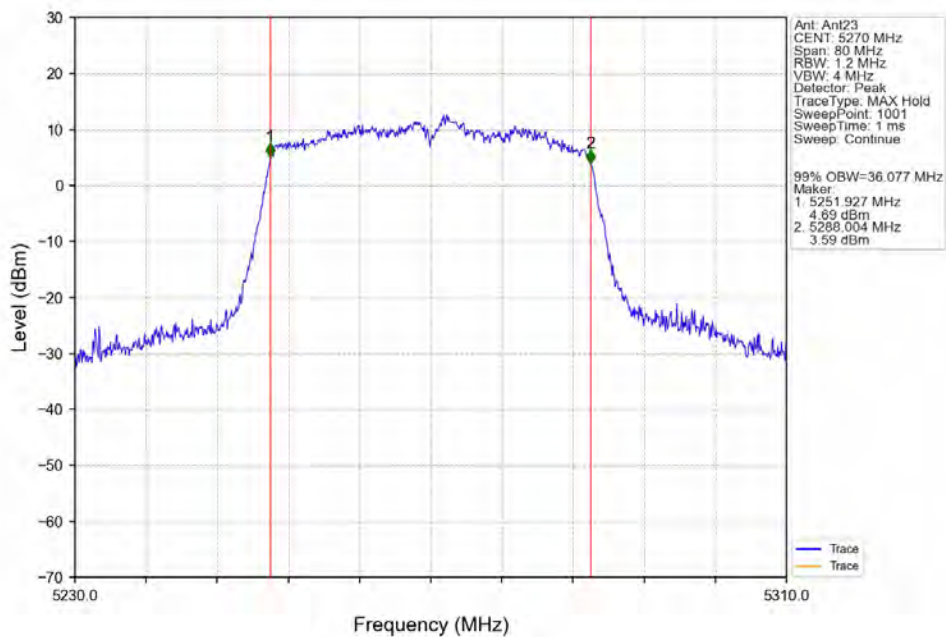
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802.11ac(VHT40)_HCH_5230MHz_Ant23_NTNV



802.11ac(VHT40)_LCH_5270MHz_Ant23_NTNV



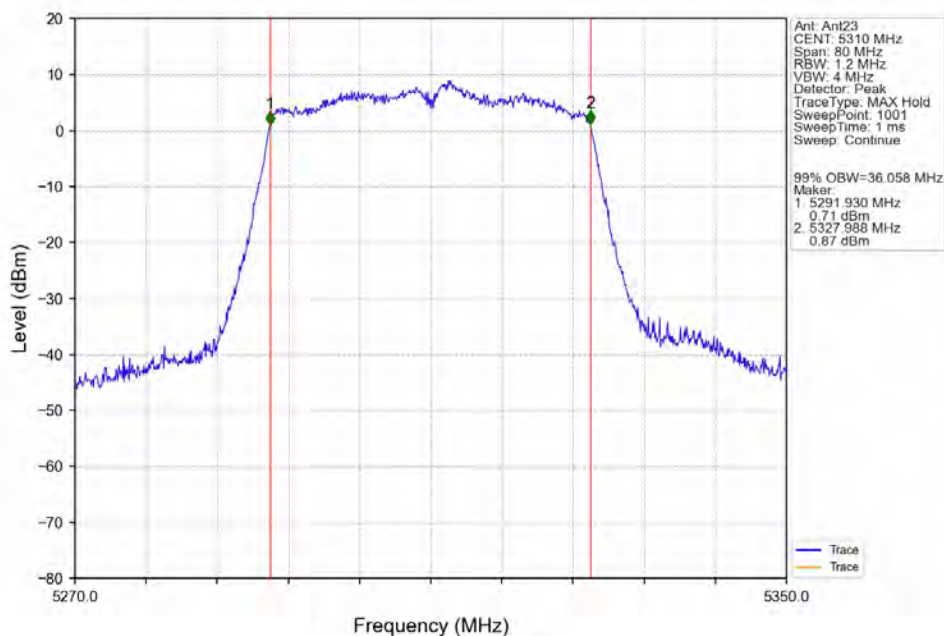
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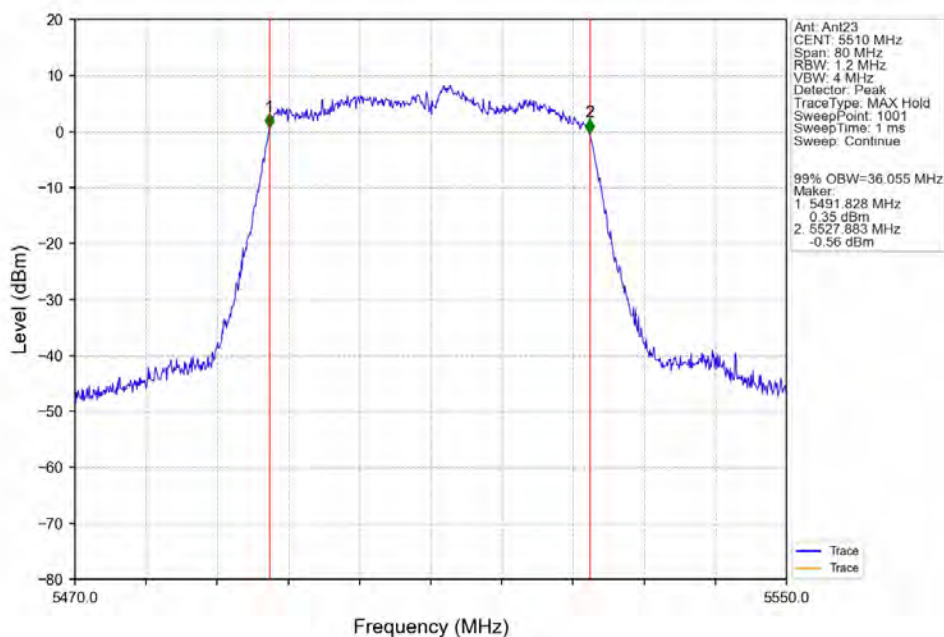
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802.11ac(VHT40)_HCH_5310MHz_Ant23_NTNV



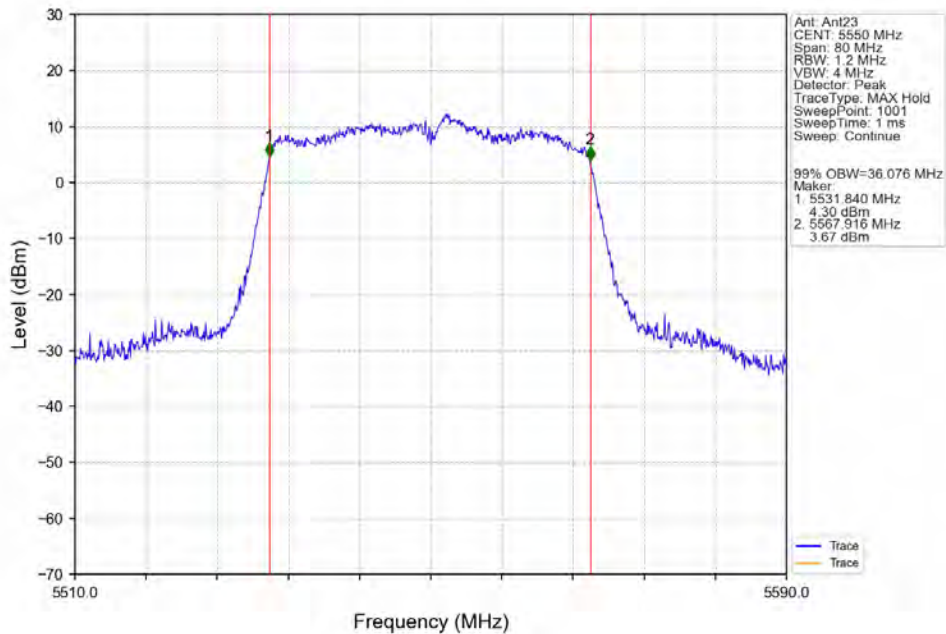
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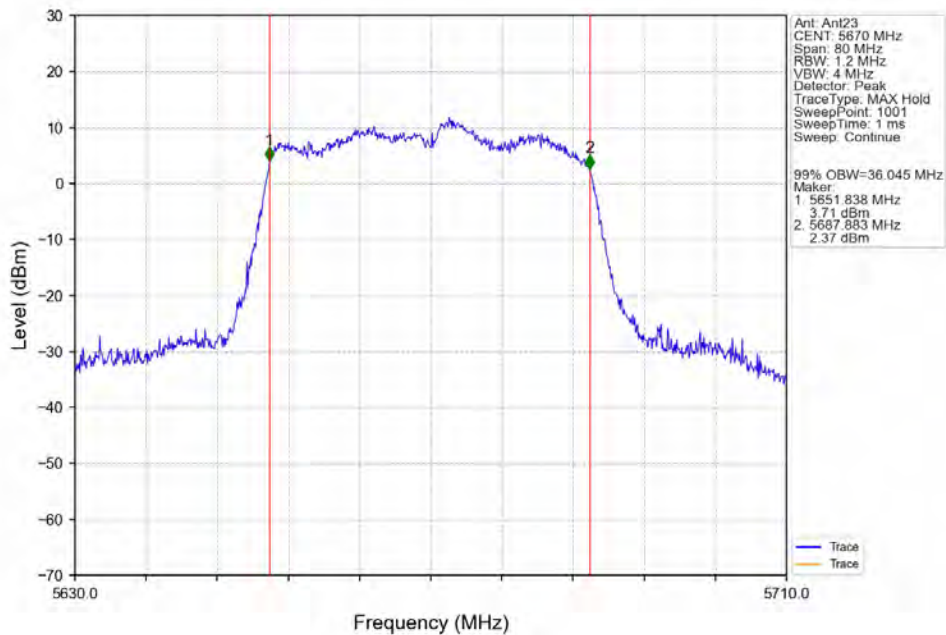
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802.11ac(VHT40)_MCH_5550MHz_Ant23_NTNV



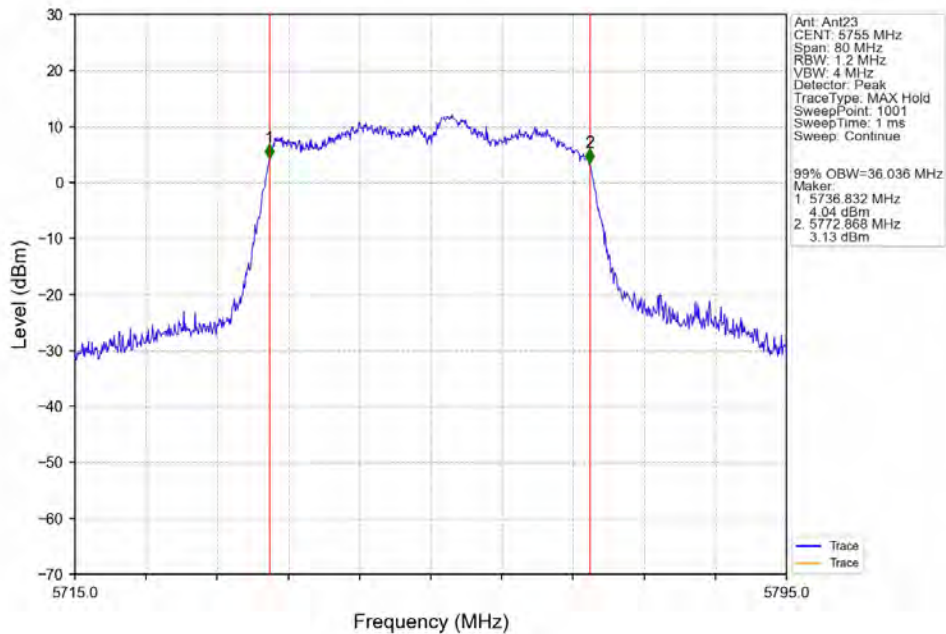
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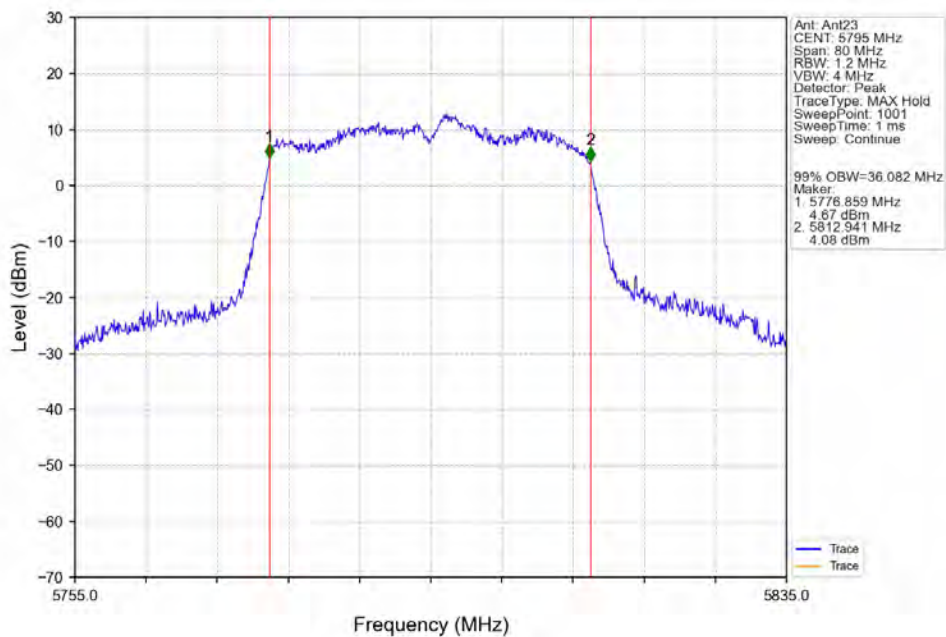
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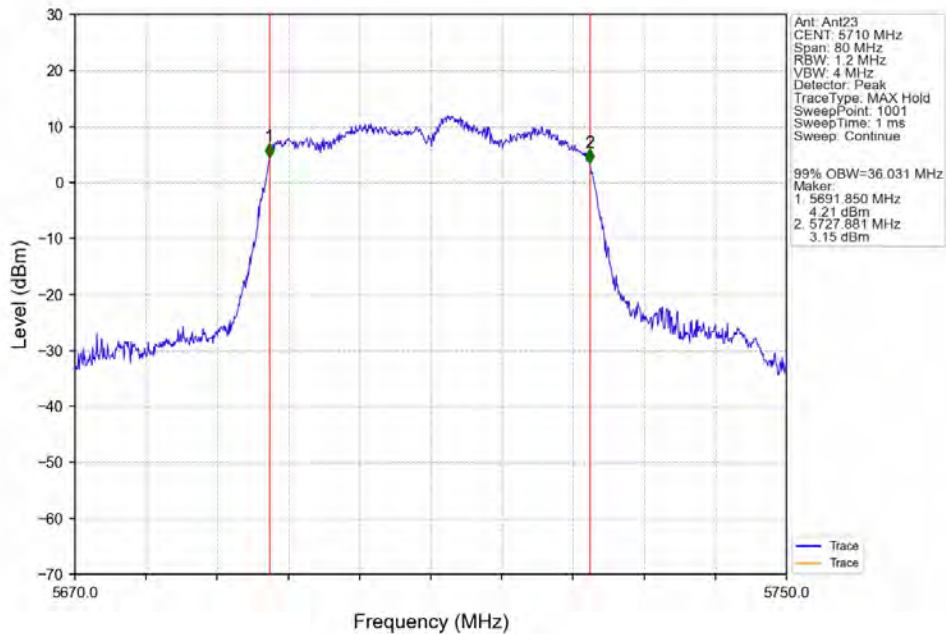
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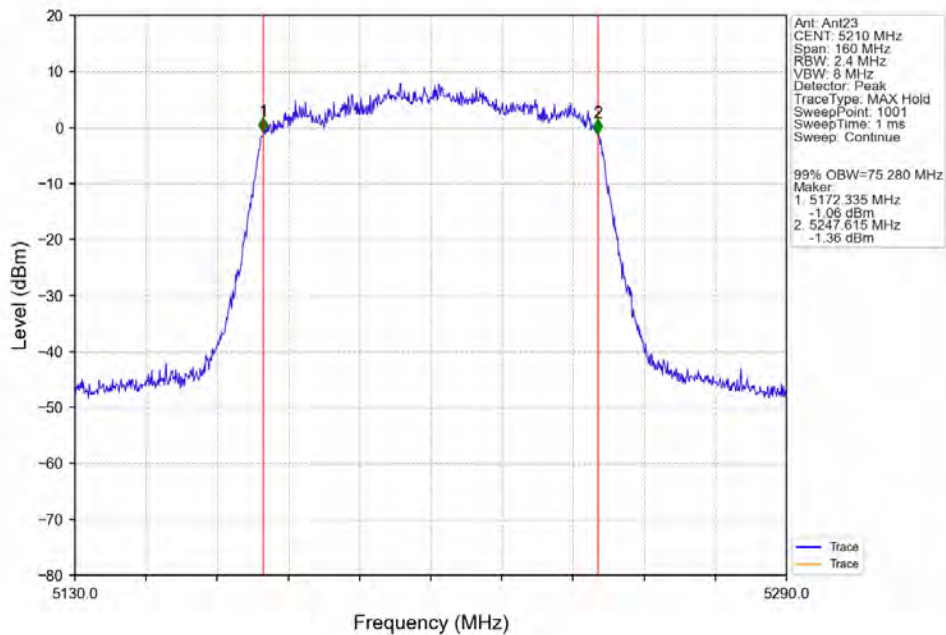
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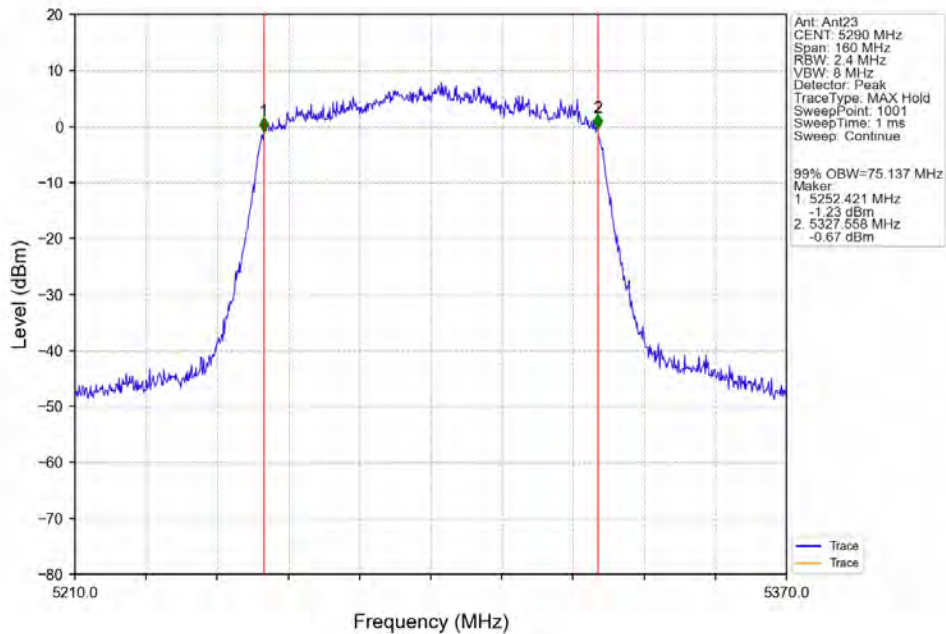
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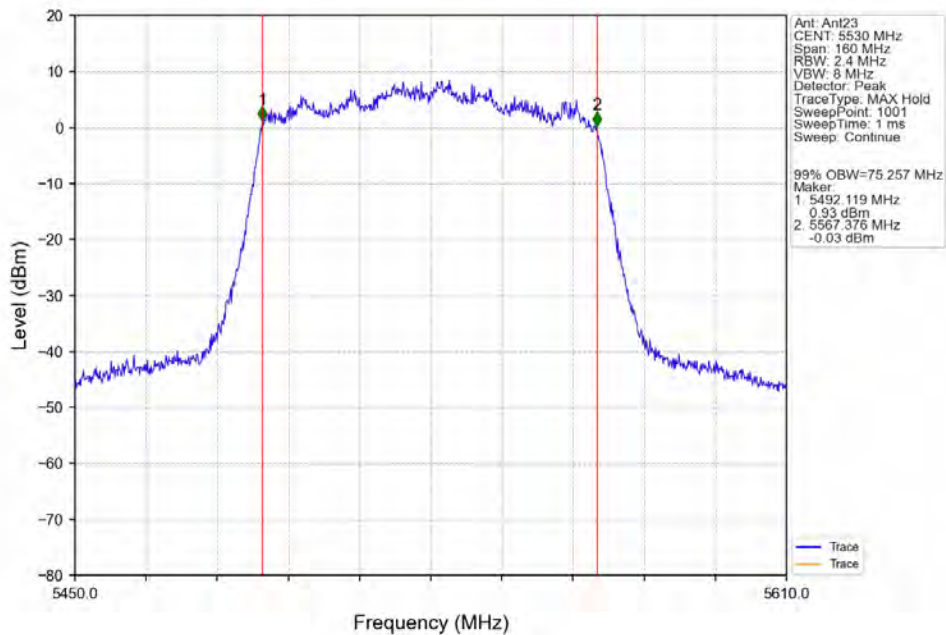
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802.11ac(VHT80)_MCH_5290MHz_Ant23_NTNV



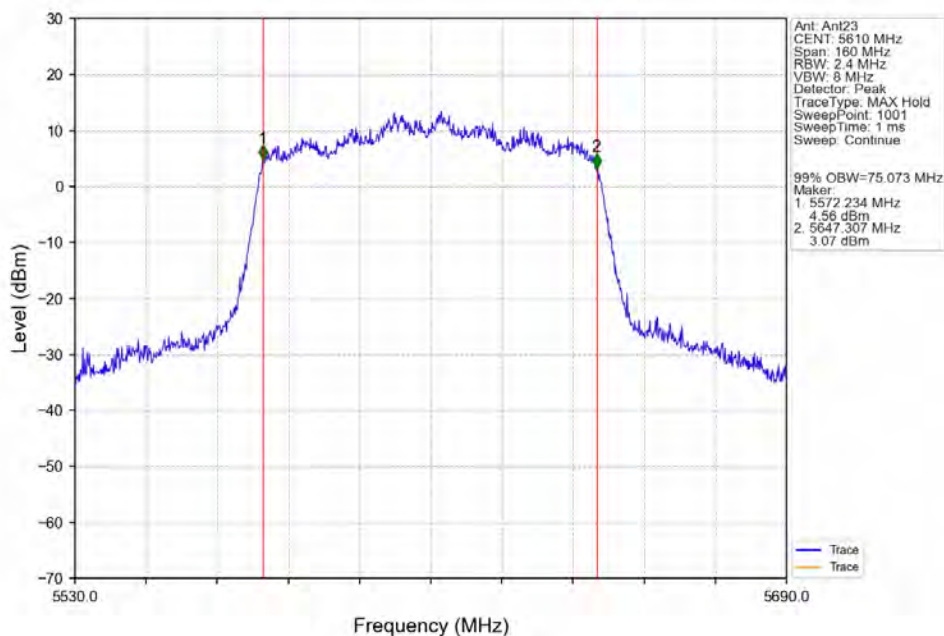
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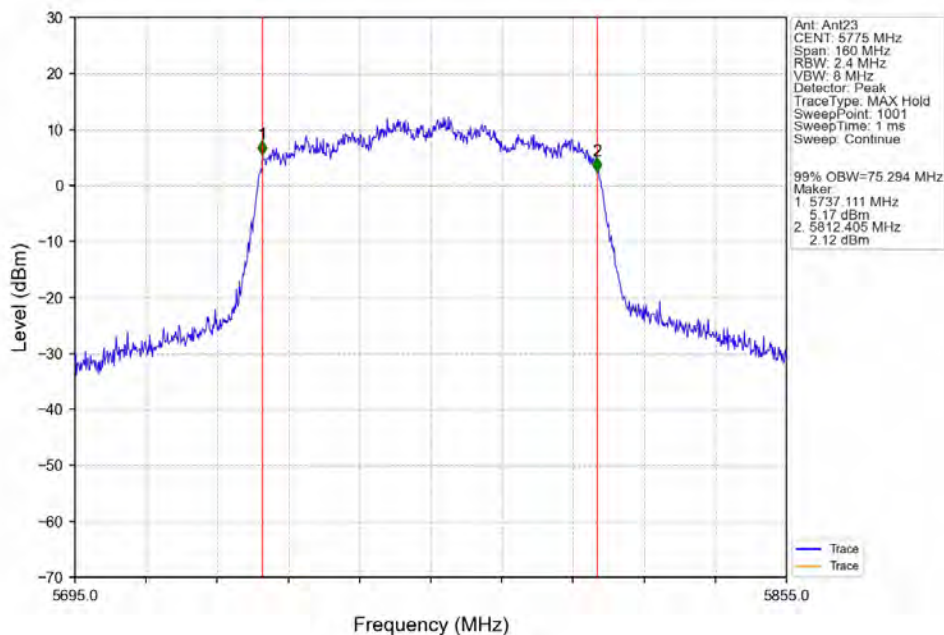
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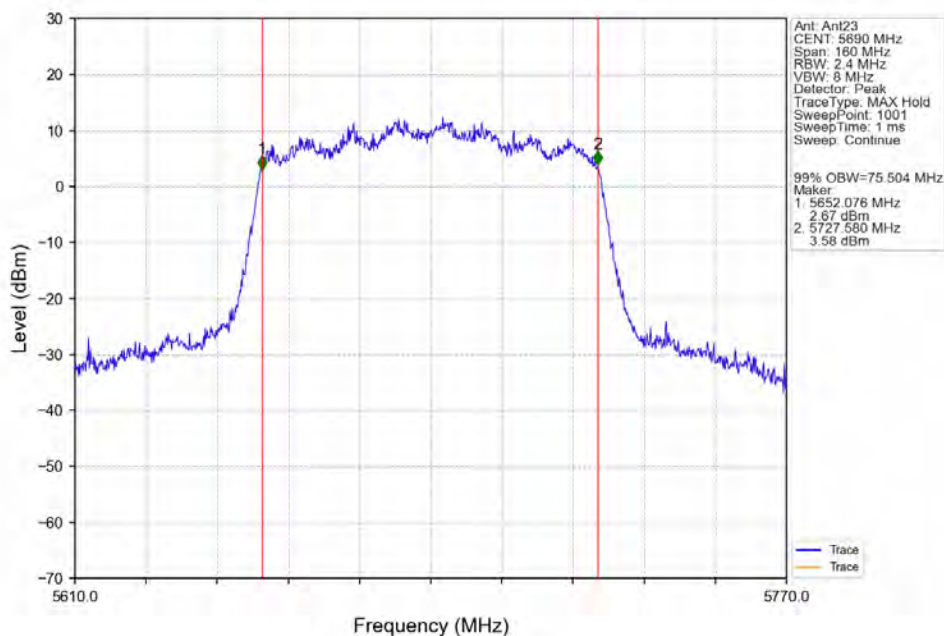
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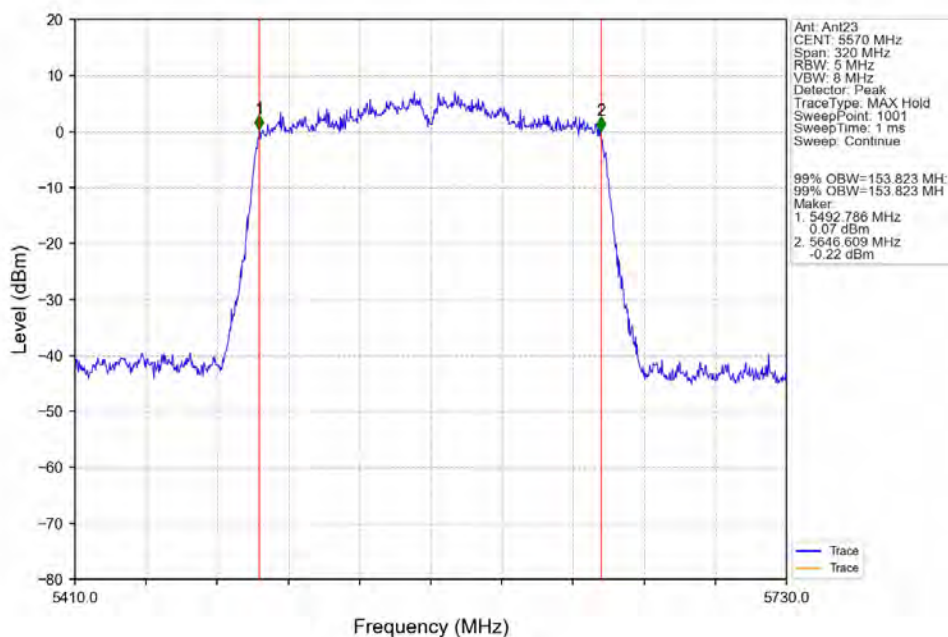
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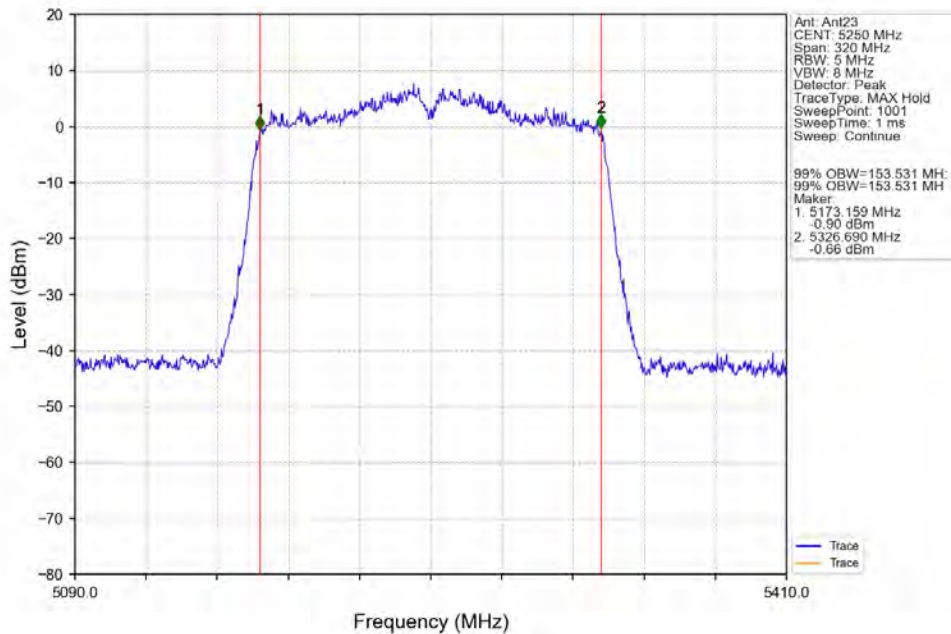
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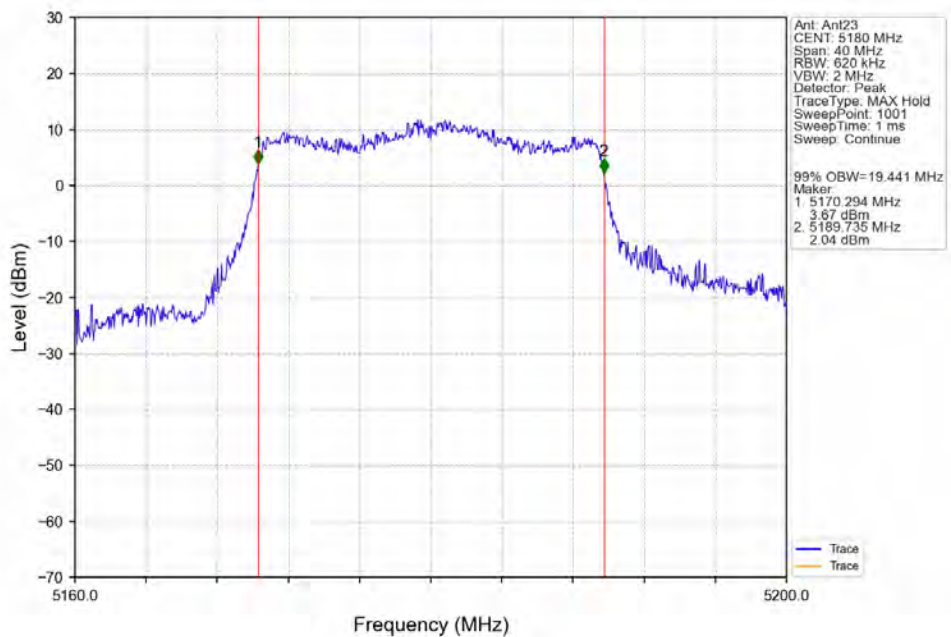
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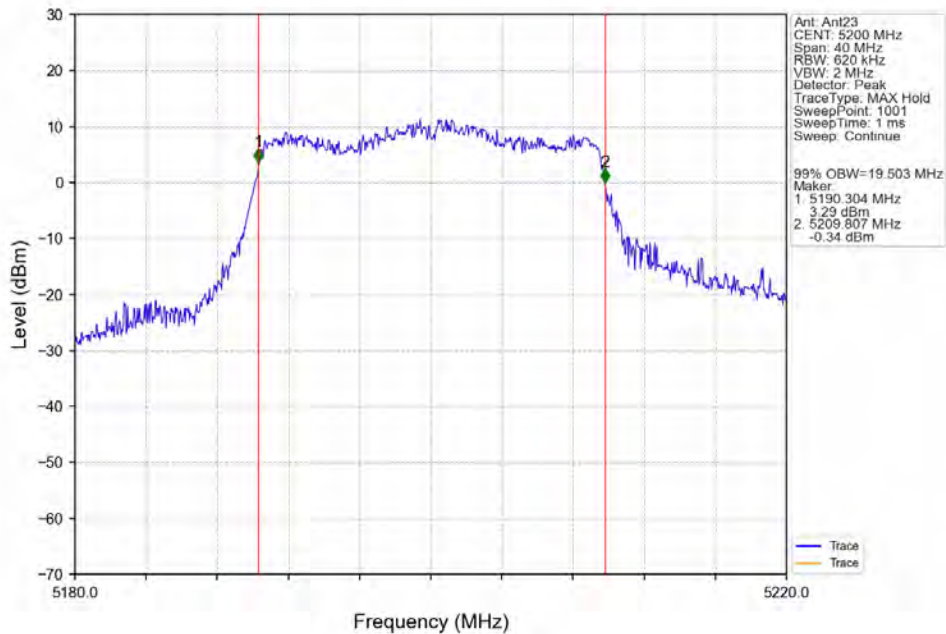
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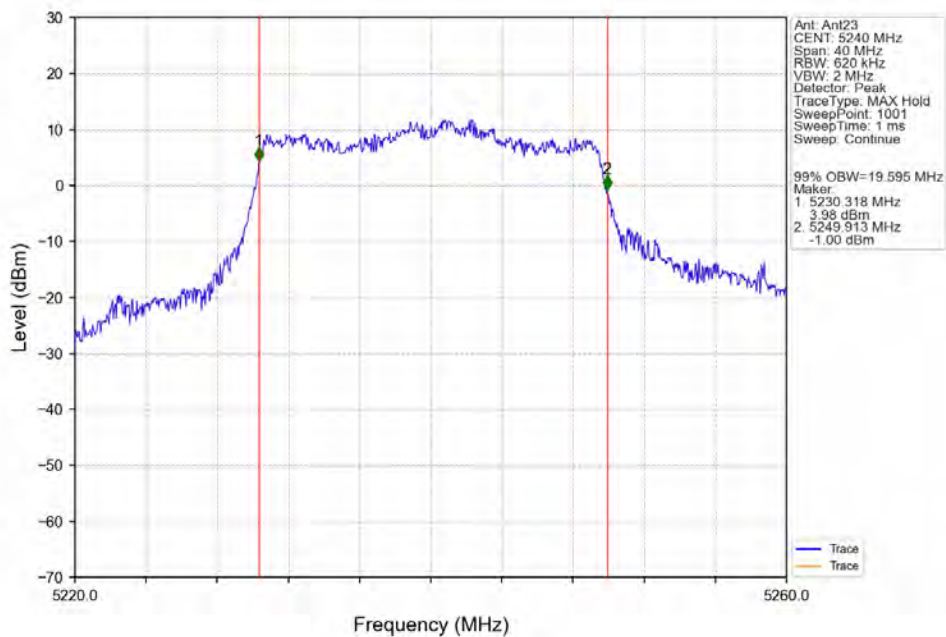
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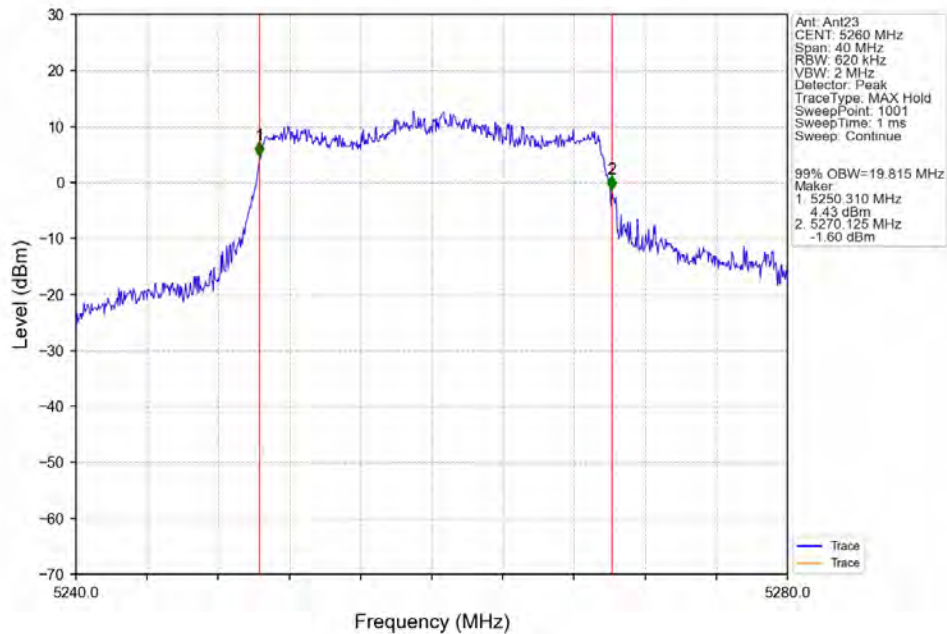
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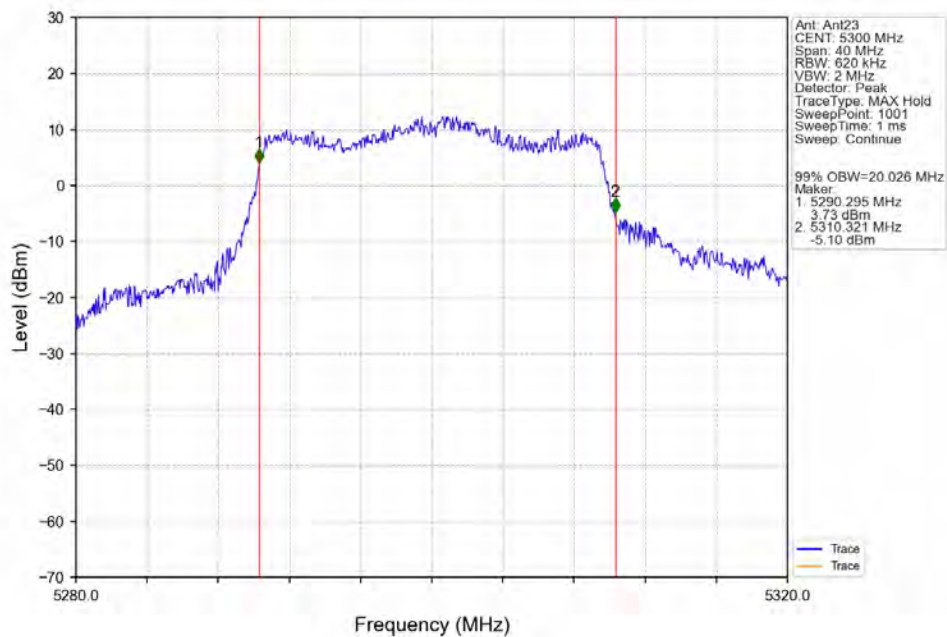
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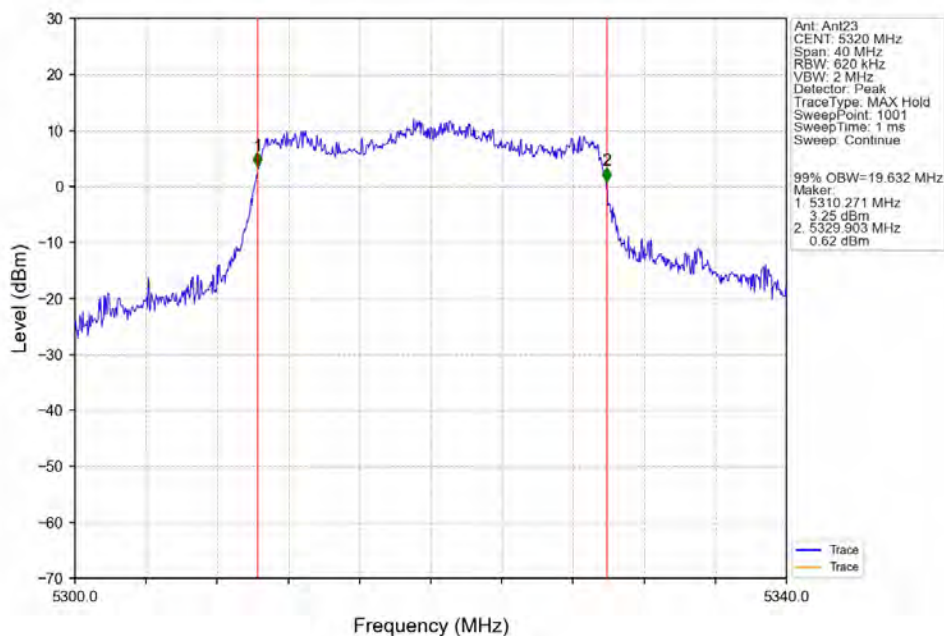
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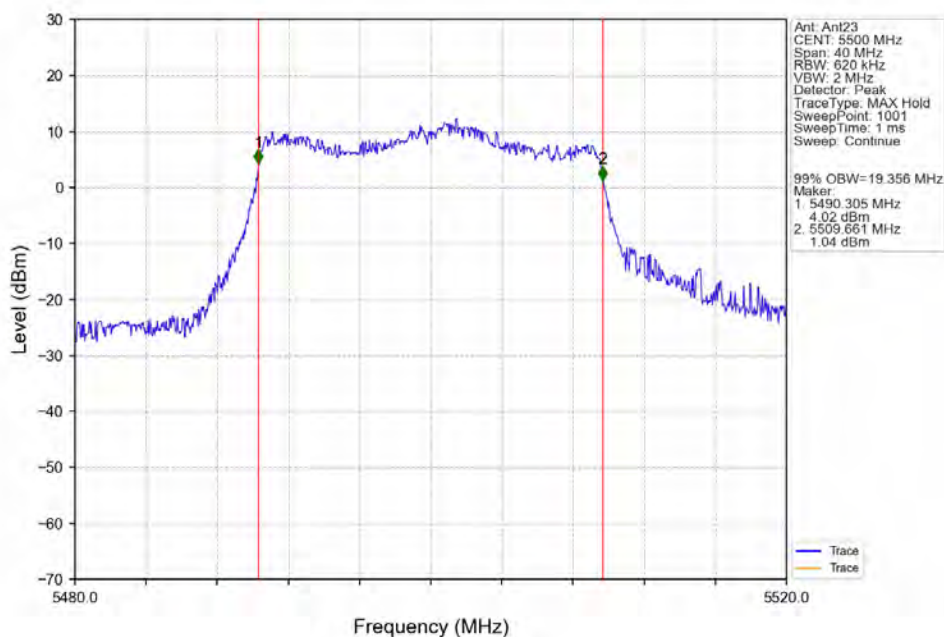
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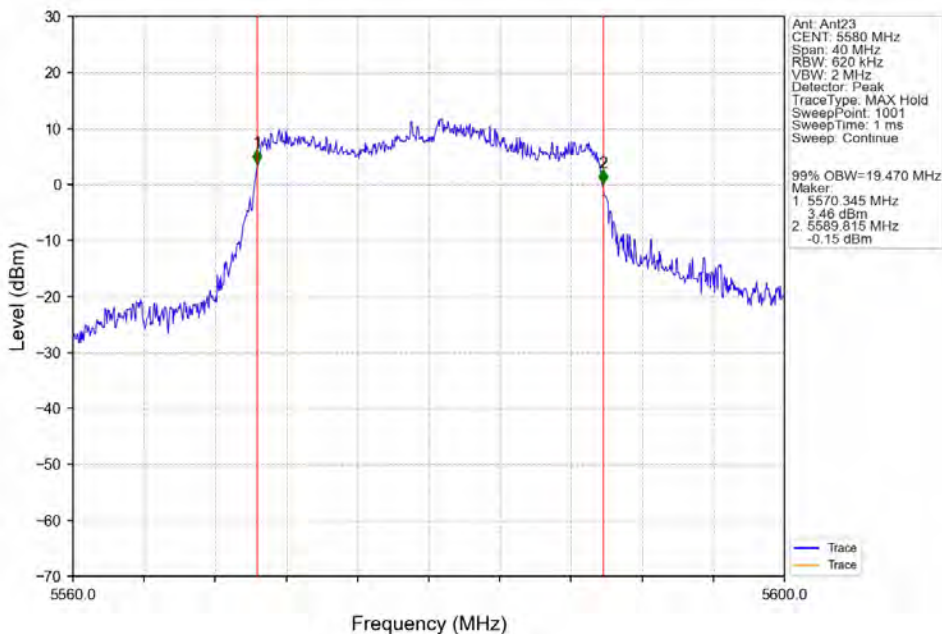
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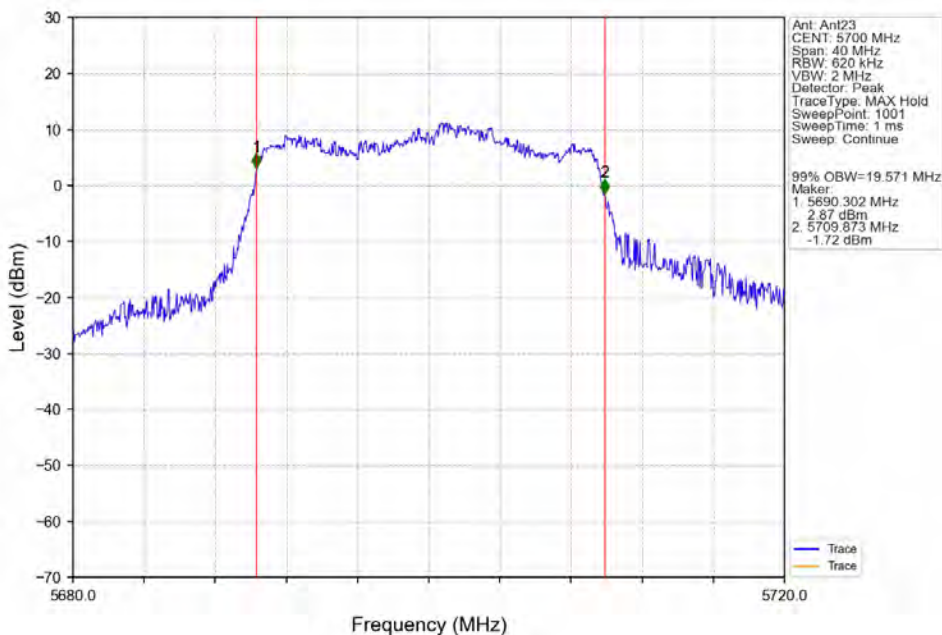
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802.11ax(HEW20)_MCH_5580MHz_SU_/_Ant23_NTNV



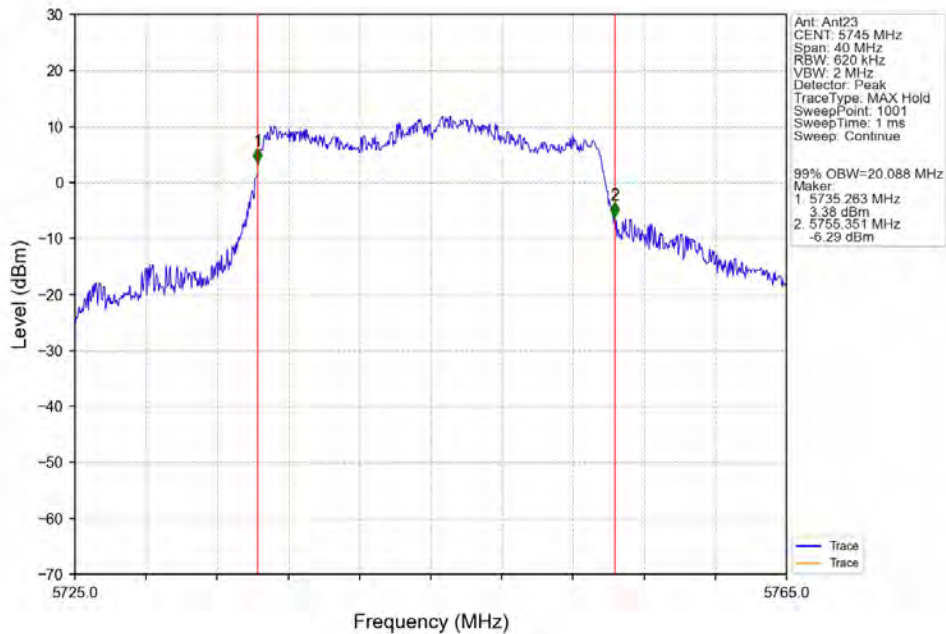
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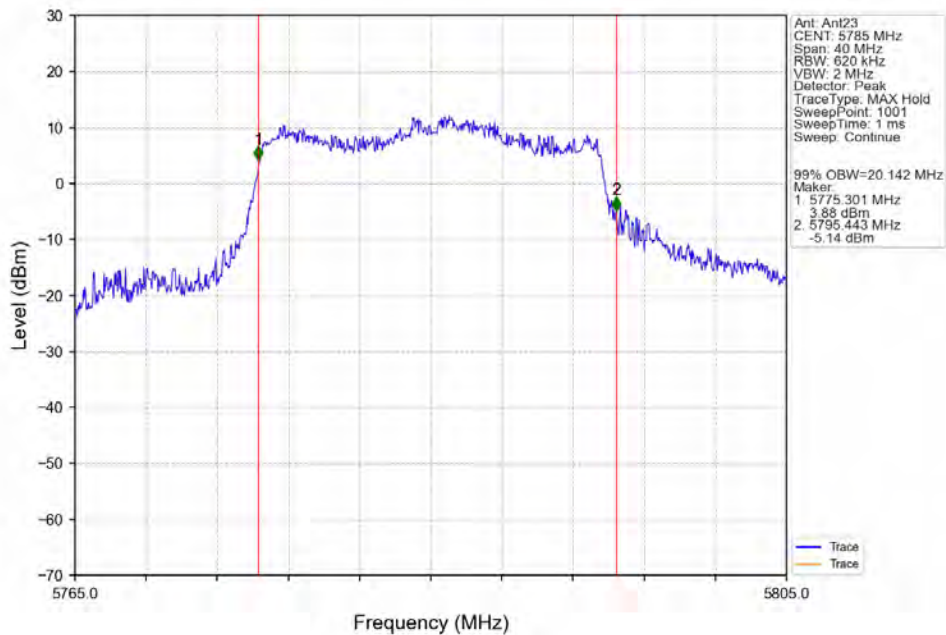
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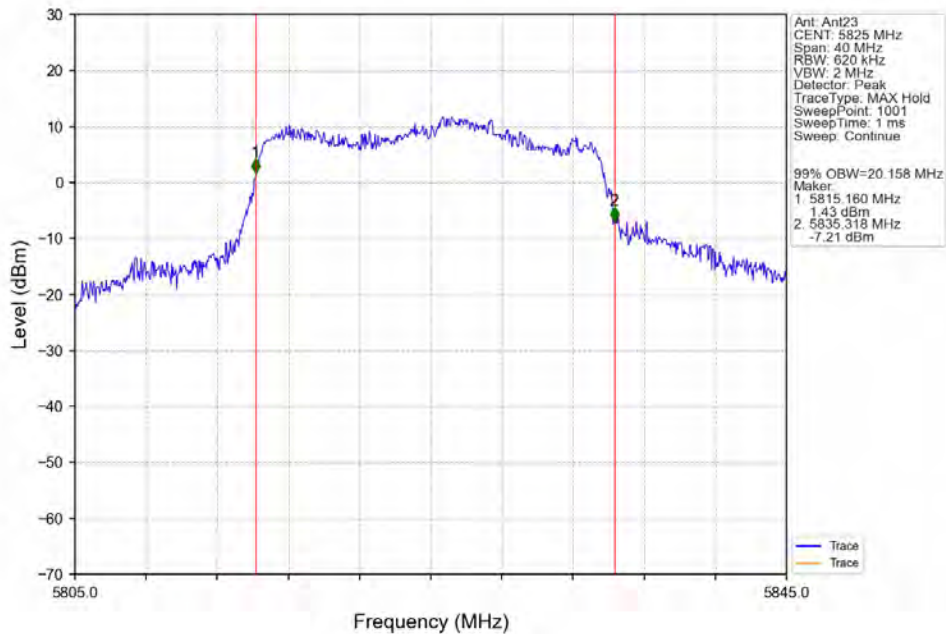
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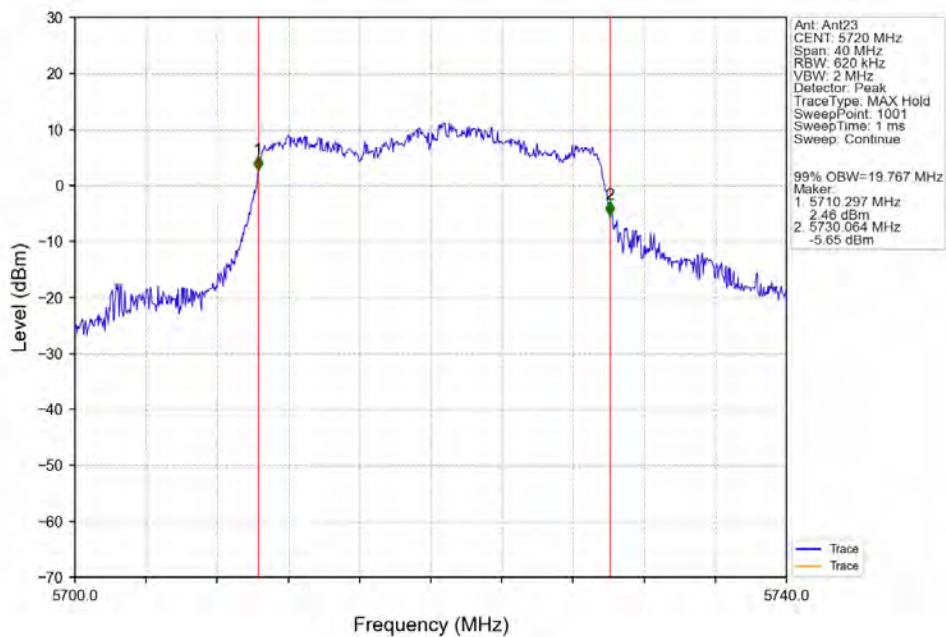
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802.11ax(HEW20)_HCH_5825MHz_SU_/_Ant23_NTNV



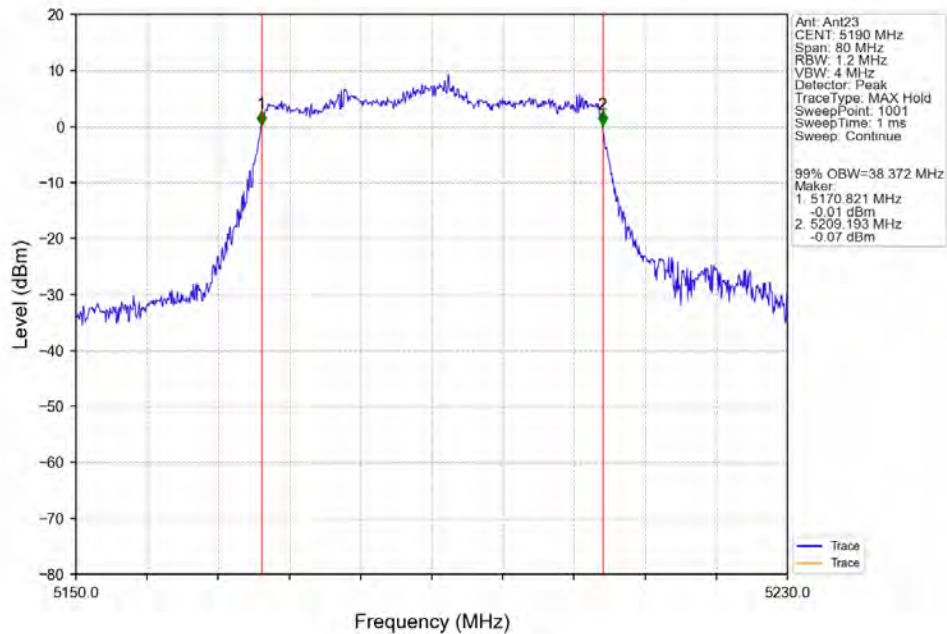
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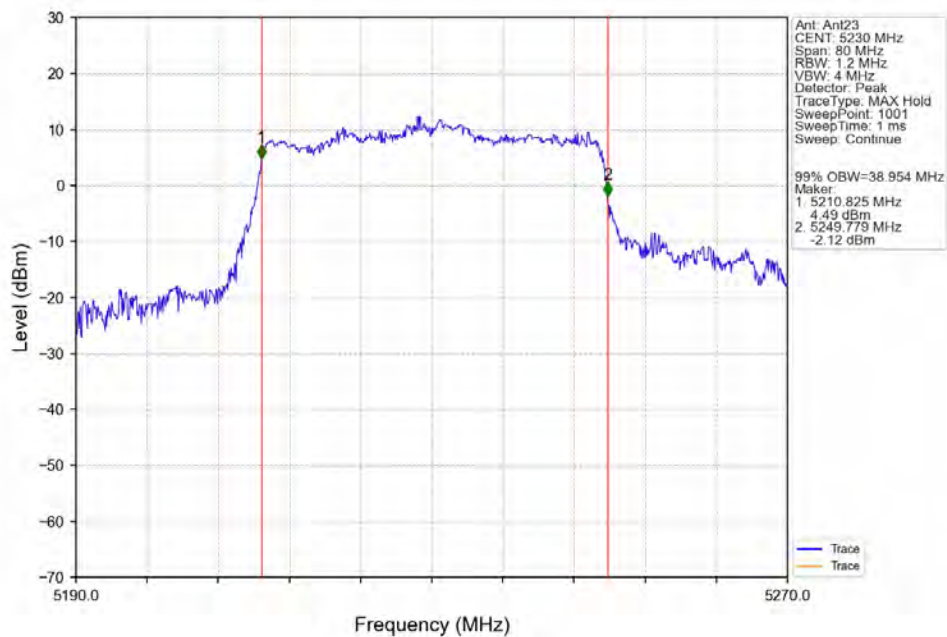
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802.11ax(HEW40)_LCH_5190MHz_SU_/_Ant23_NTNV



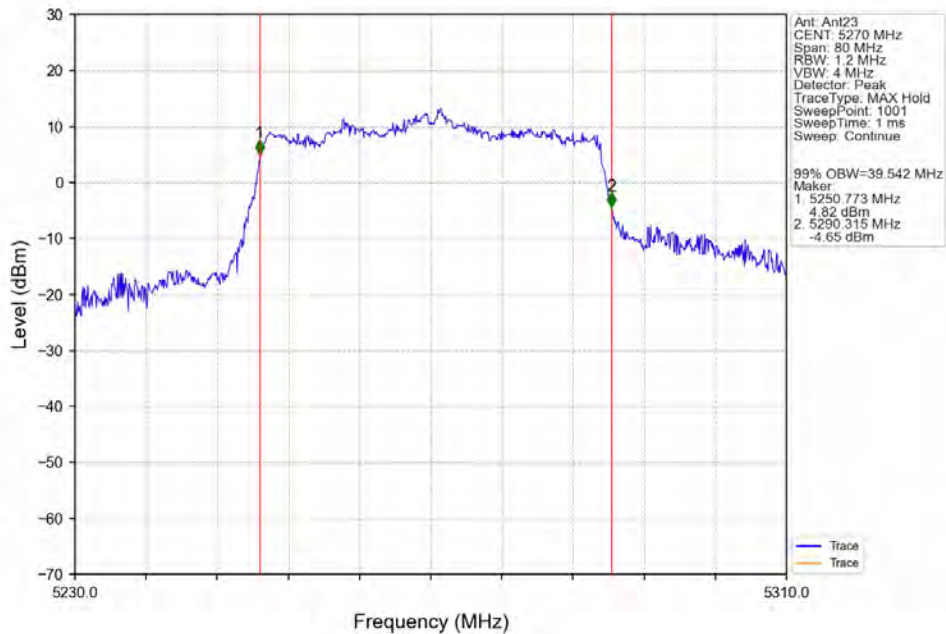
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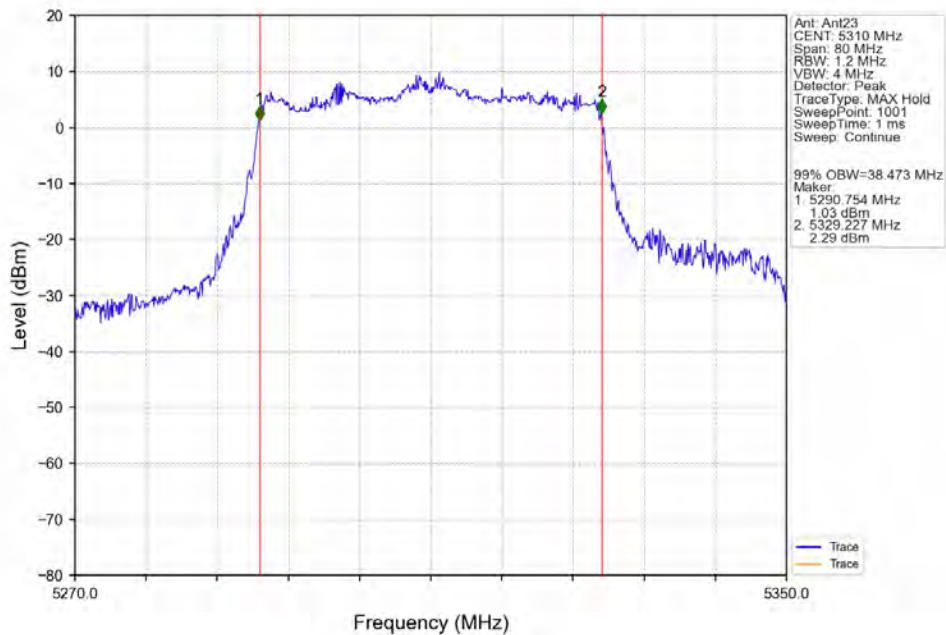
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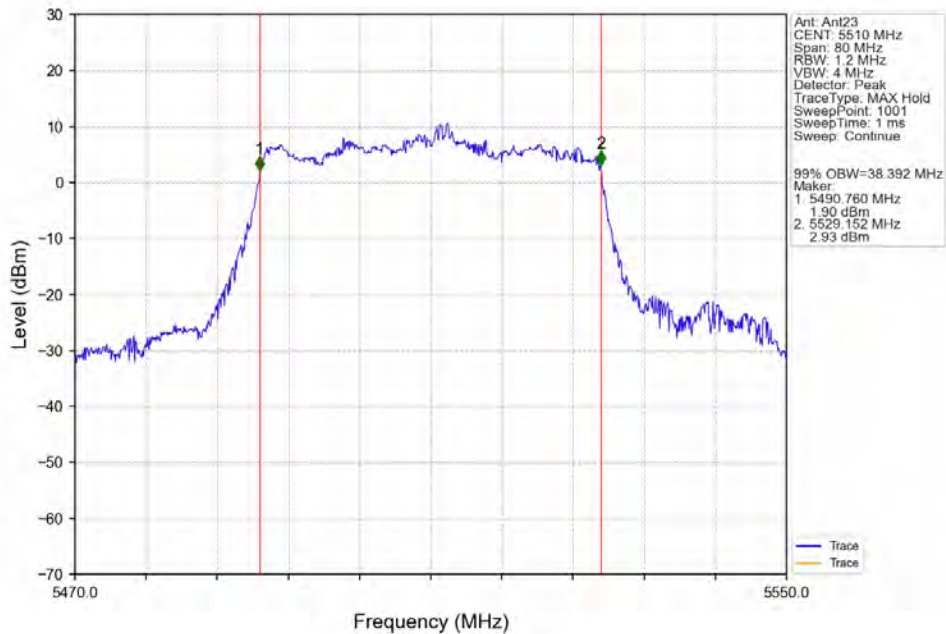
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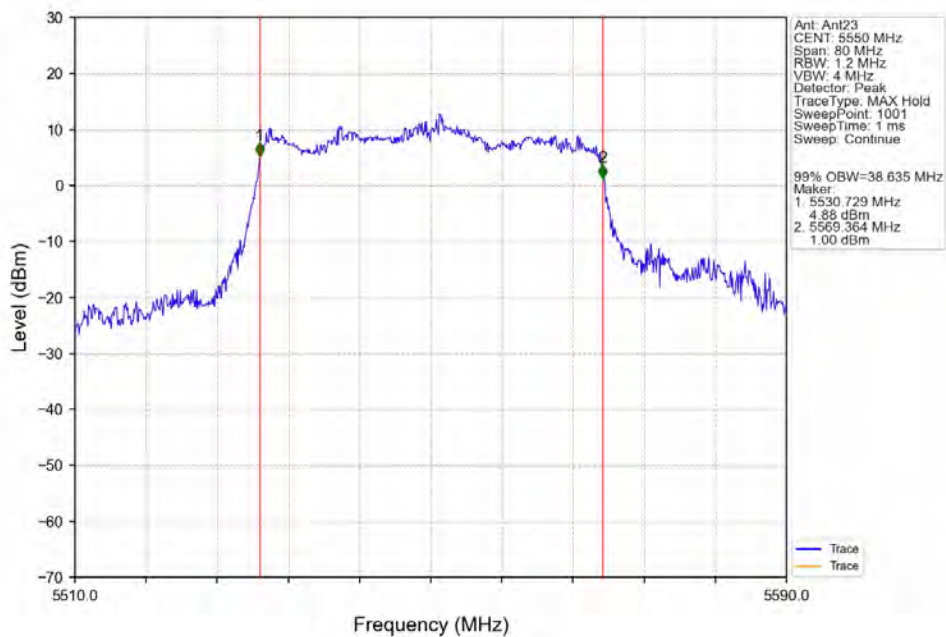
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802.11ax(HEW40)_LCH_5510MHz_SU_/_Ant23_NTNV



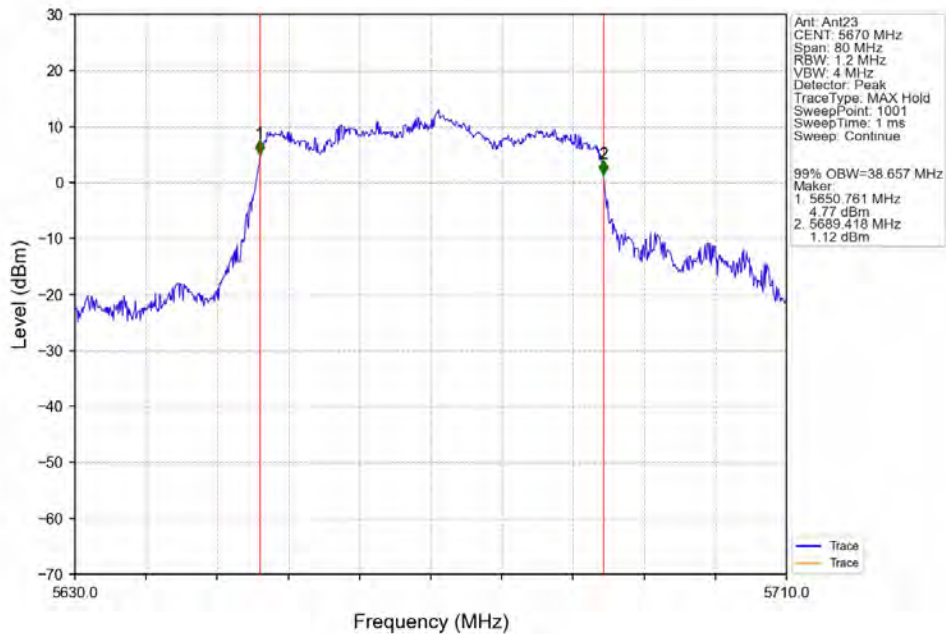
802.11ax(HEW40)_MCH_5550MHz_SU_/_Ant23_NTNV



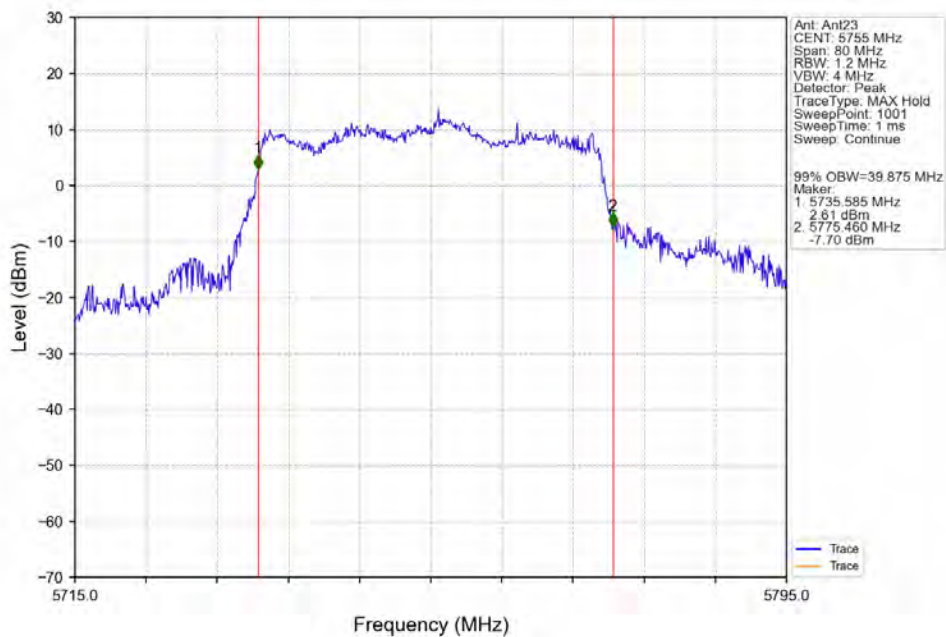
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802.11ax(HEW40)_HCH_5670MHz_SU_/_Ant23_NTNV



802.11ax(HEW40)_LCH_5755MHz_SU_/_Ant23_NTNV



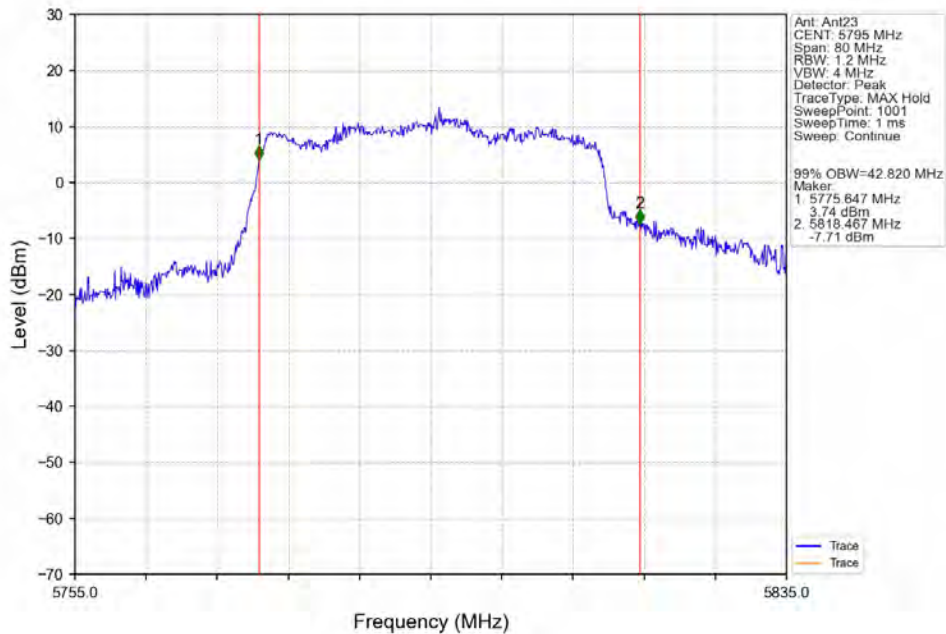
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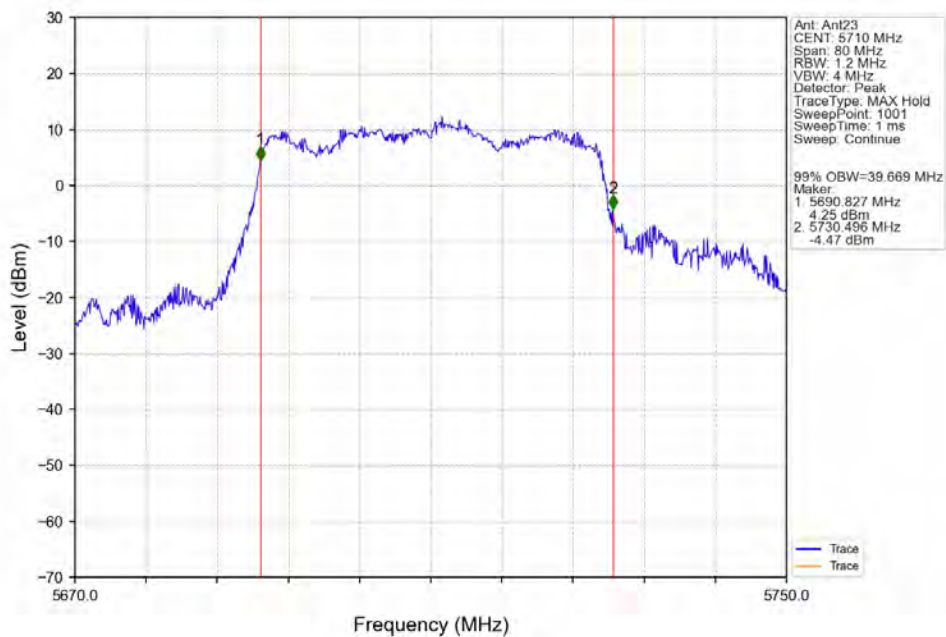
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802.11ax(HEW40)_HCH_5795MHz_SU_/_Ant23_NTNV



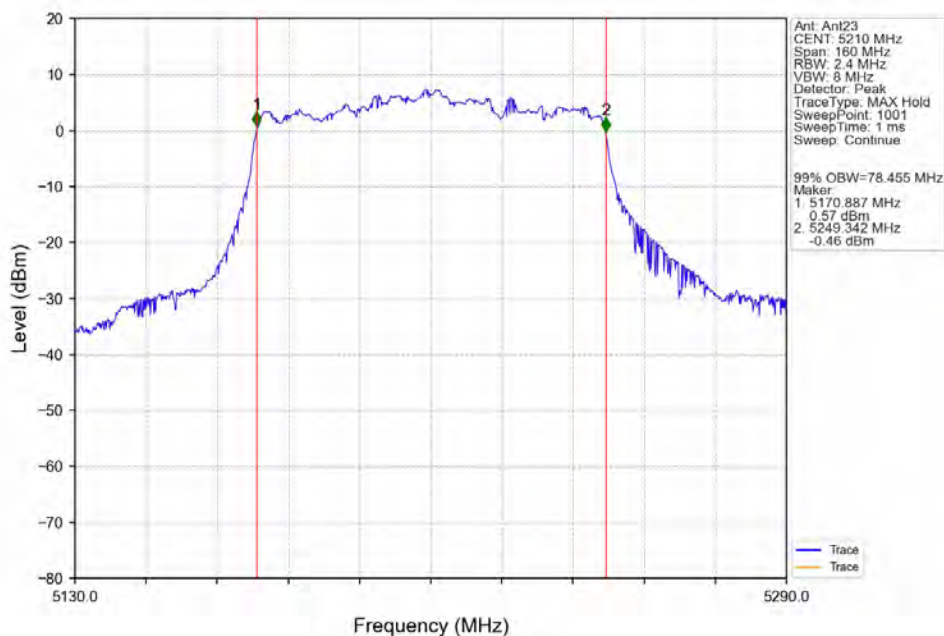
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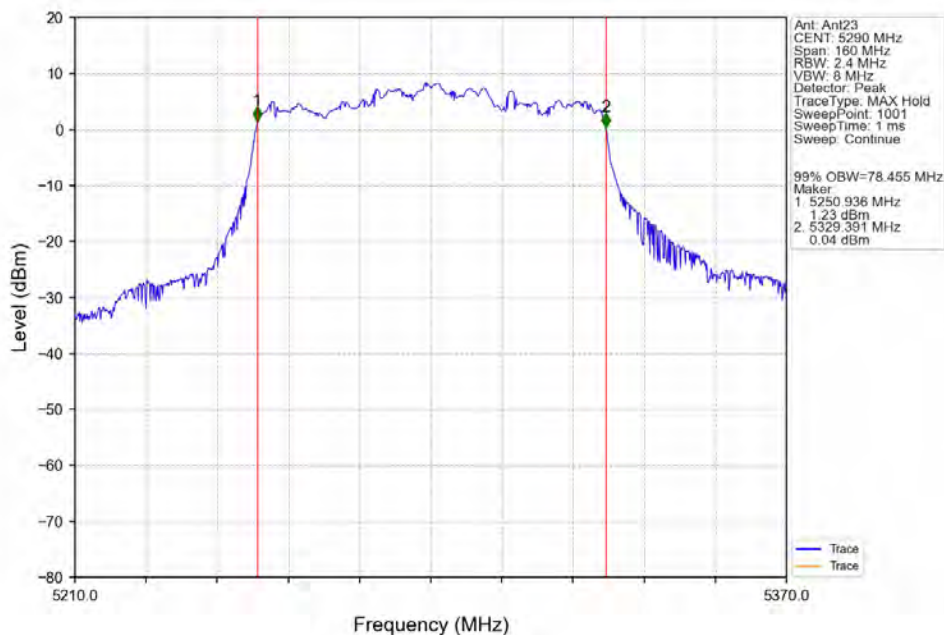
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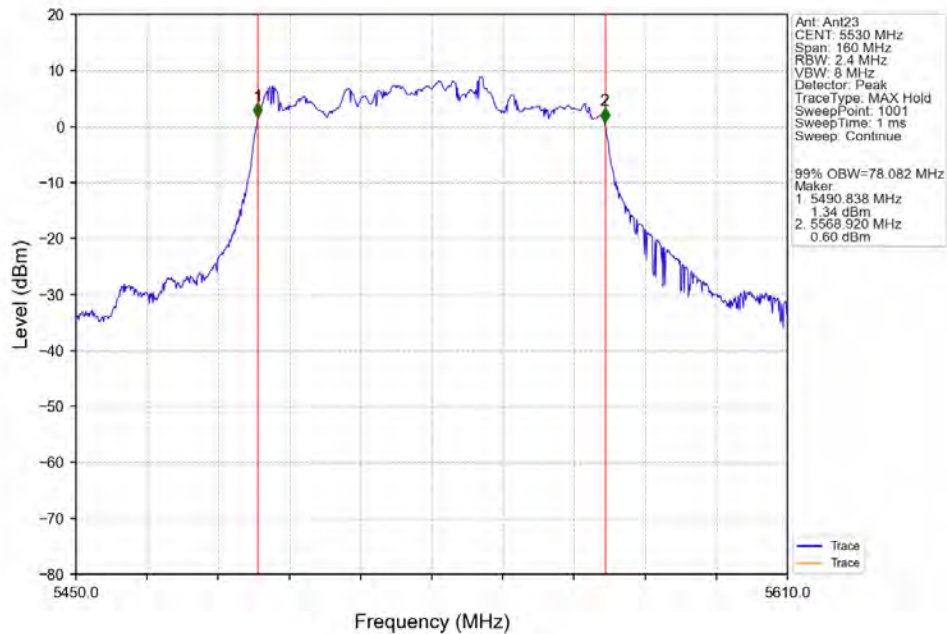
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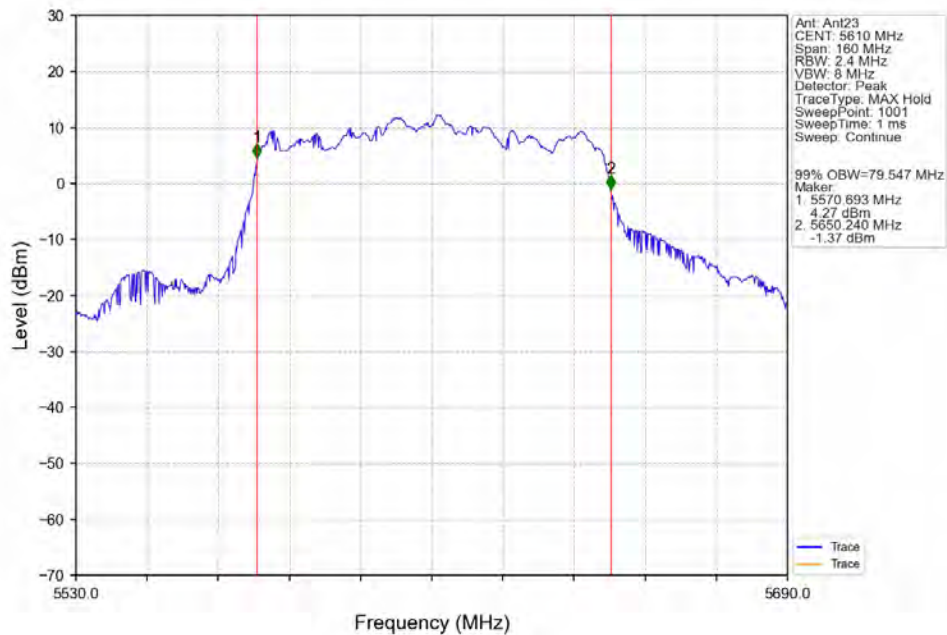
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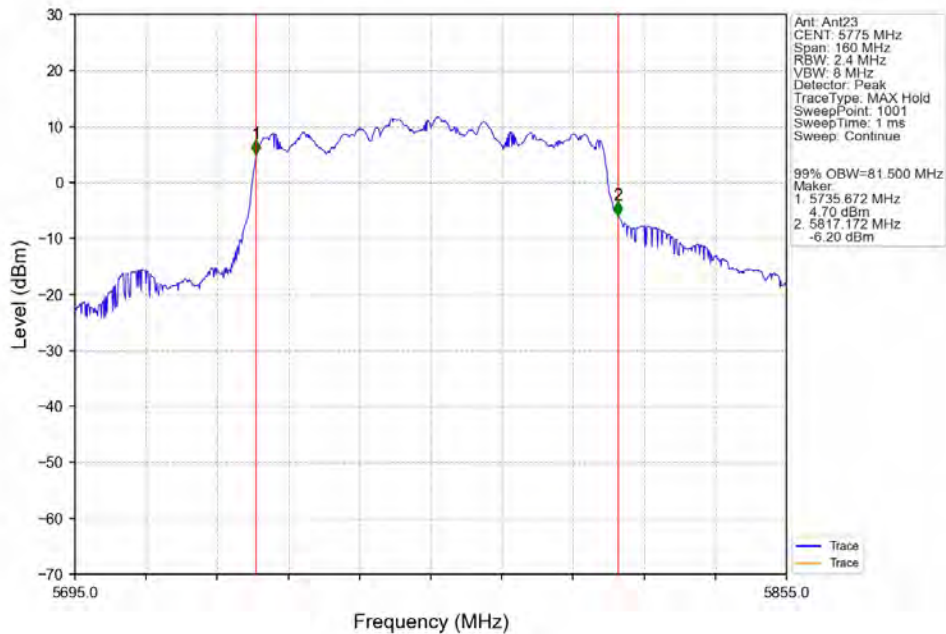
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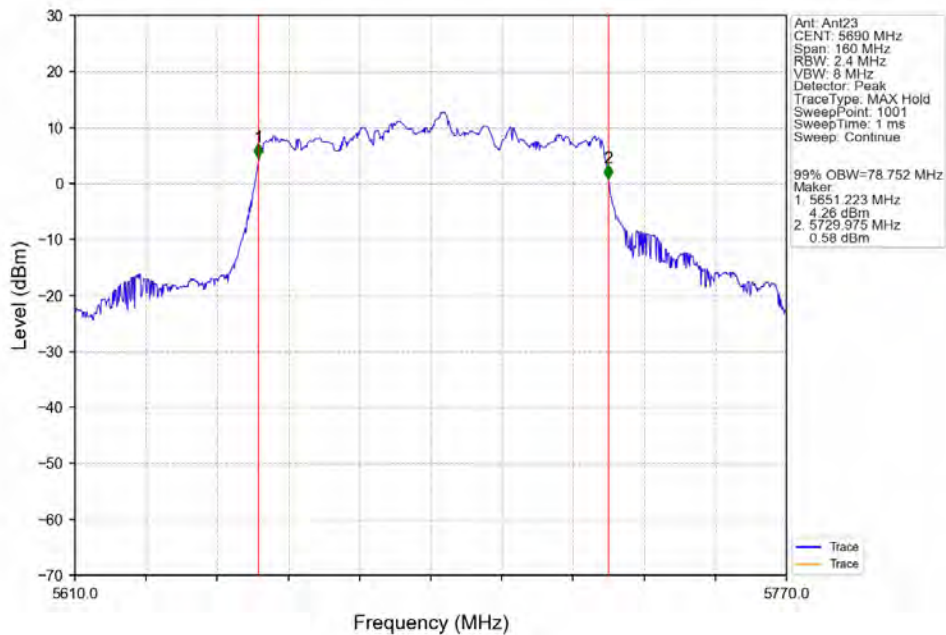
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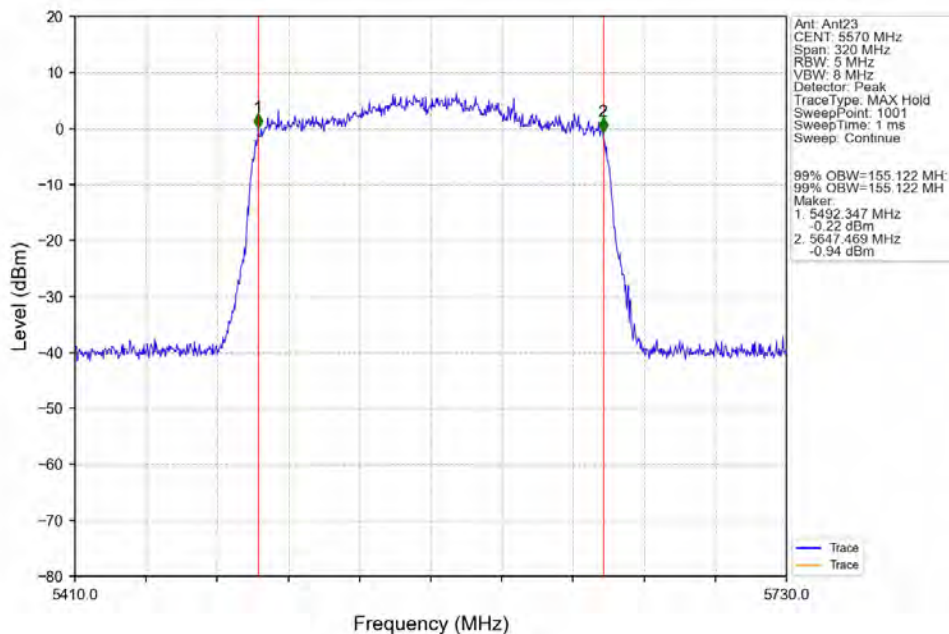
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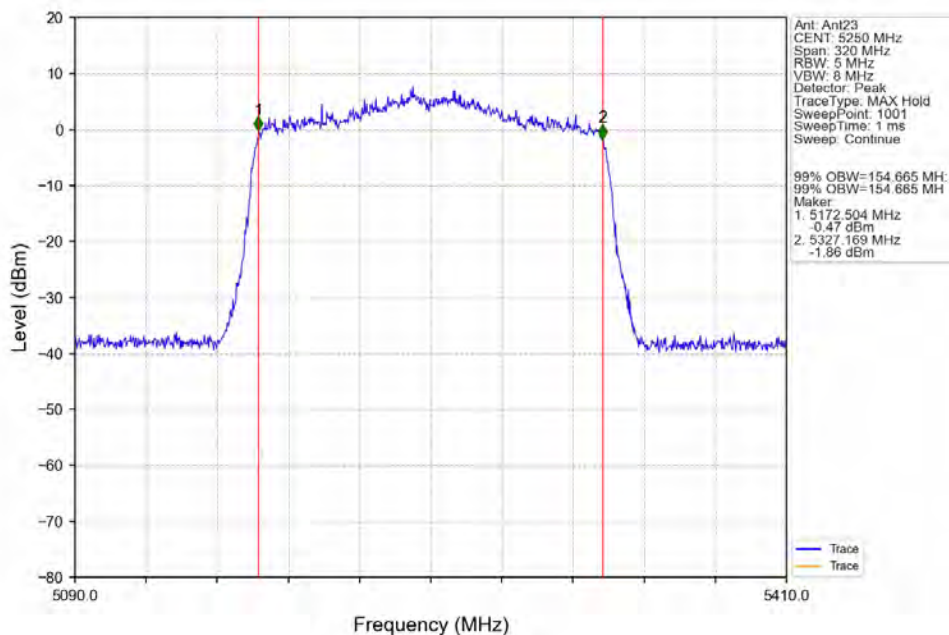
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802.11ax(HEW160)_MCH_5570MHz_SU_ / _Ant23_NTNV

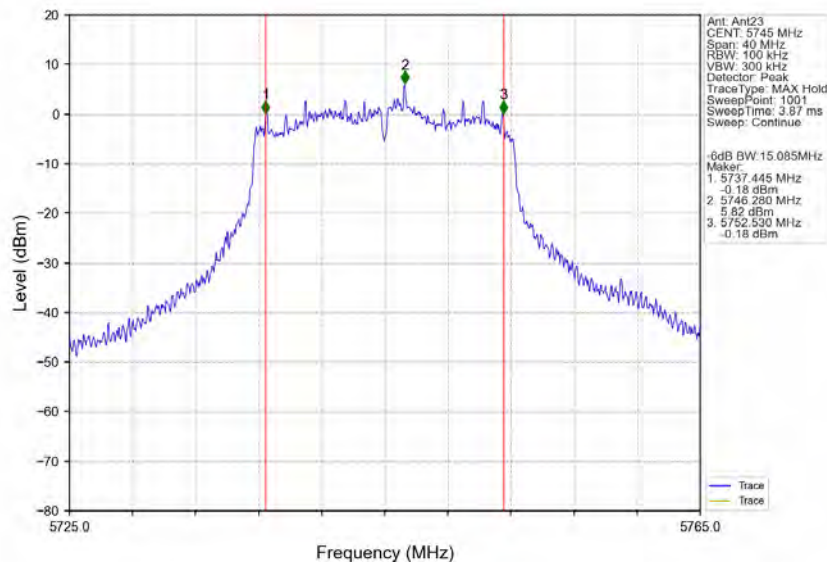


802.11ax(HEW160)_MCH_5250MHz_SU_ / _Ant23_NTNV

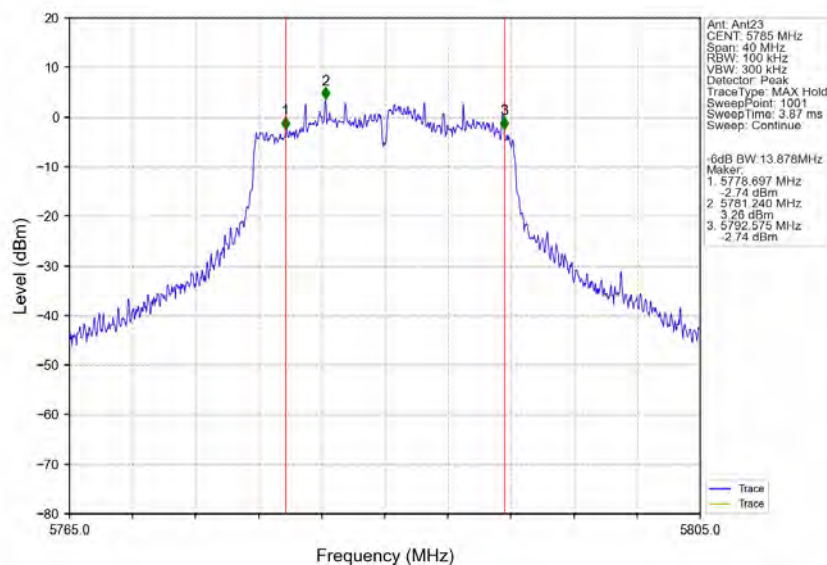


2.2.2 6dB BW

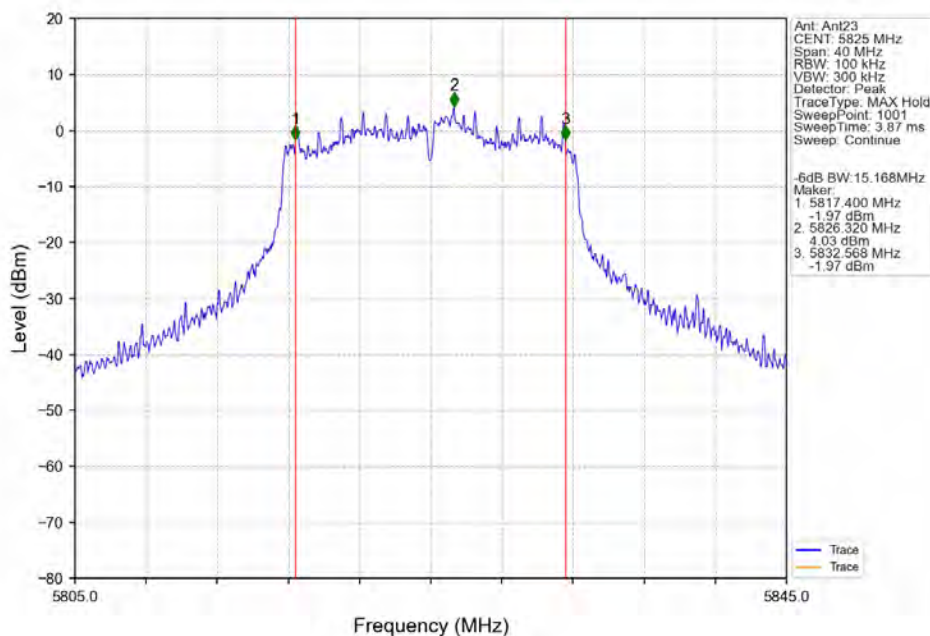
802.11a_LCH_5745MHz_Ant23_NTNV



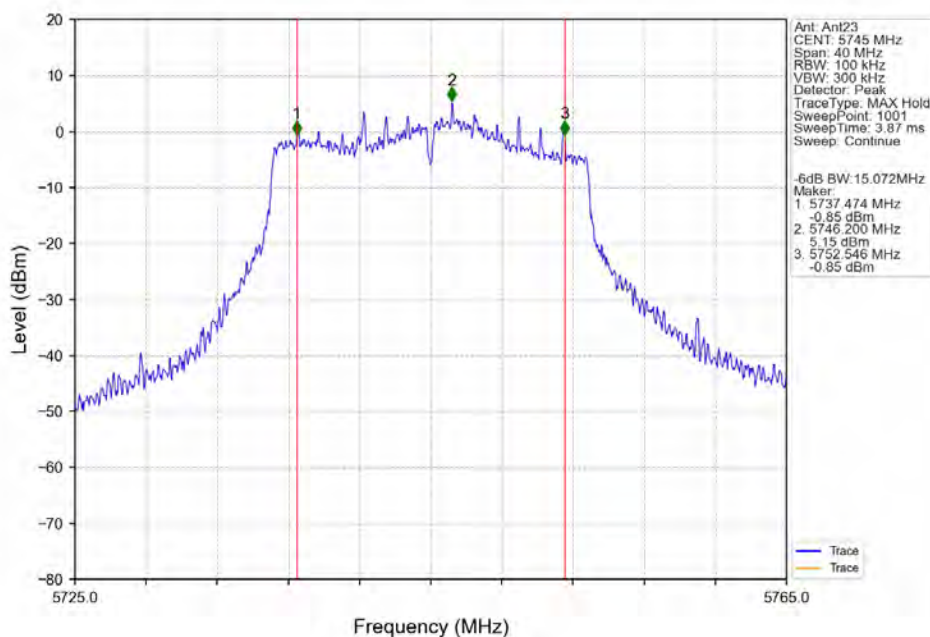
802.11a_MCH_5785MHz_Ant23_NTNV



802.11a_HCH_5825MHz_Ant23_NTNV



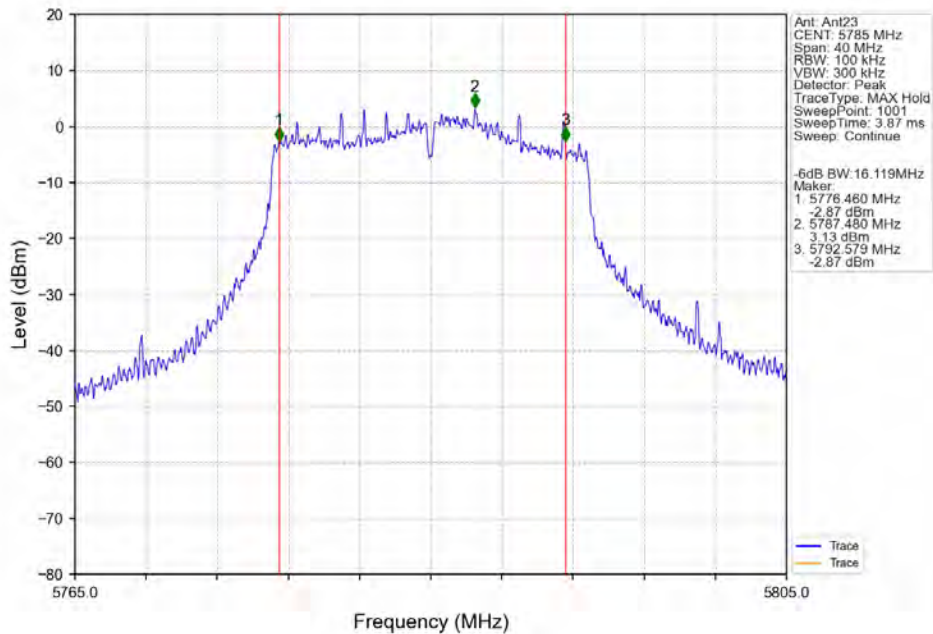
802.11n(HT20)_LCH_5745MHz_Ant23_NTNV



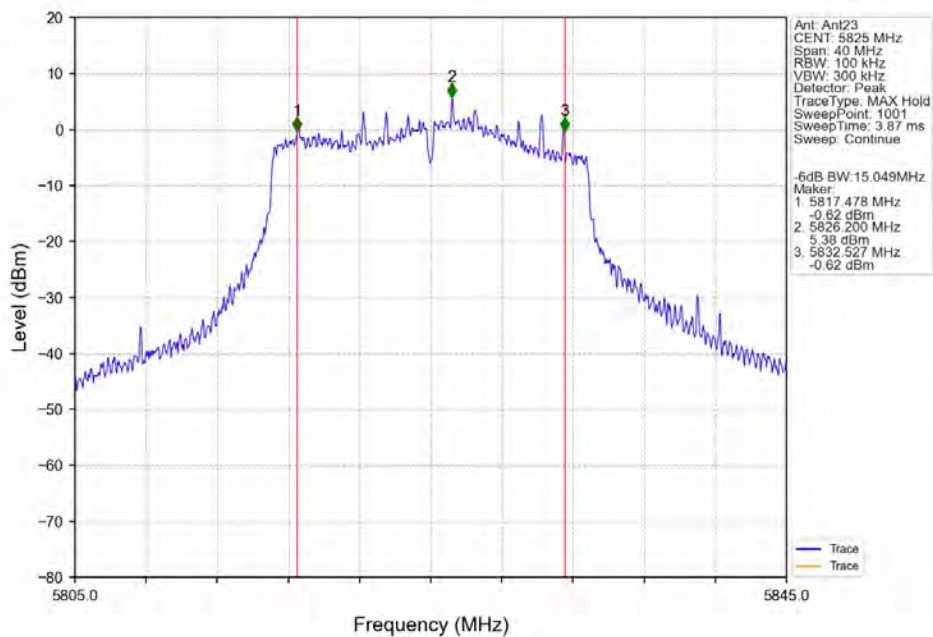
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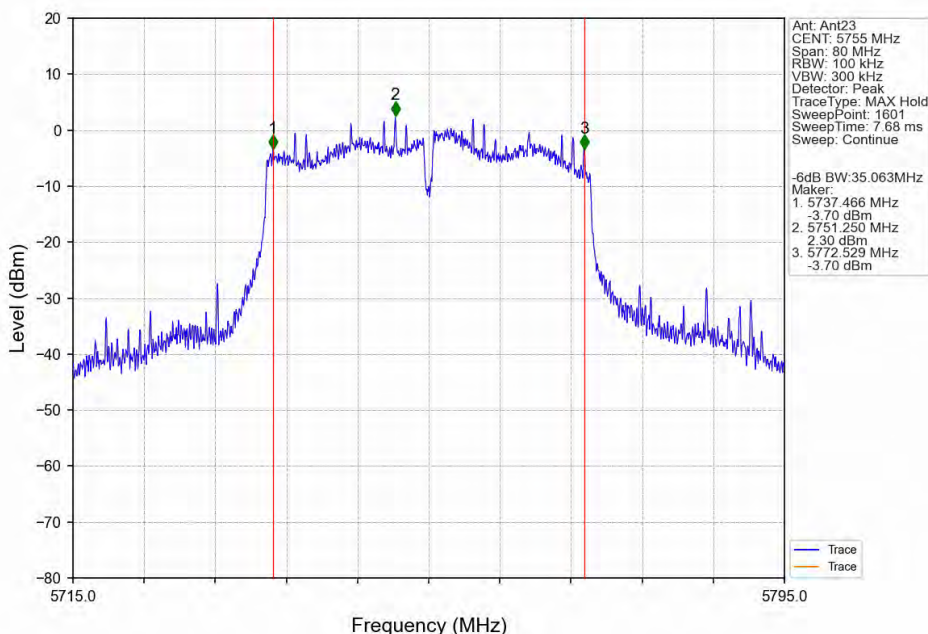
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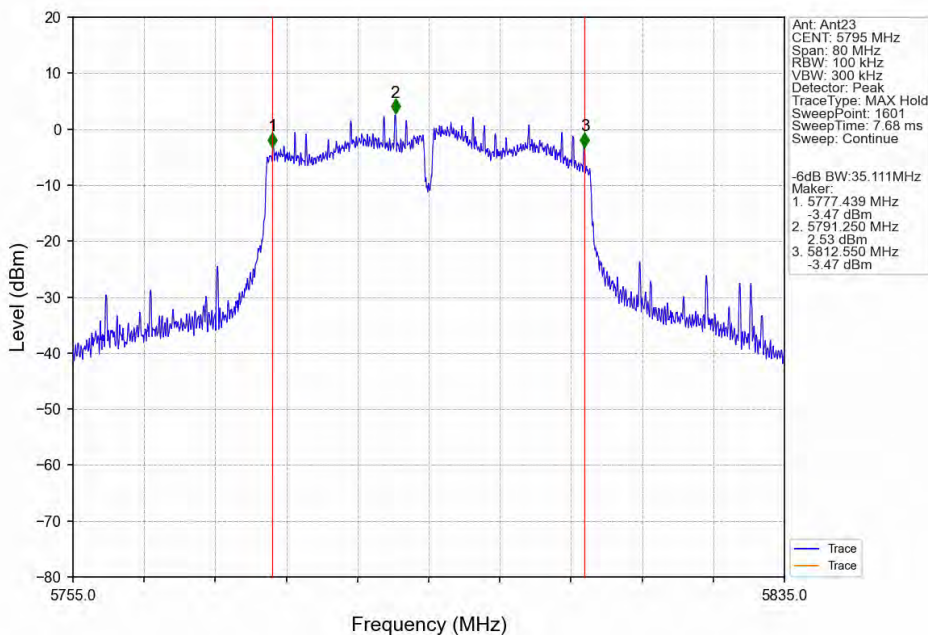
802.11n(HT20)_HCH_5825MHz_Ant23_NTNV



802.11n(HT40)_LCH_5755MHz_Ant23_NTNV



802.11n(HT40)_HCH_5795MHz_Ant23_NTNV



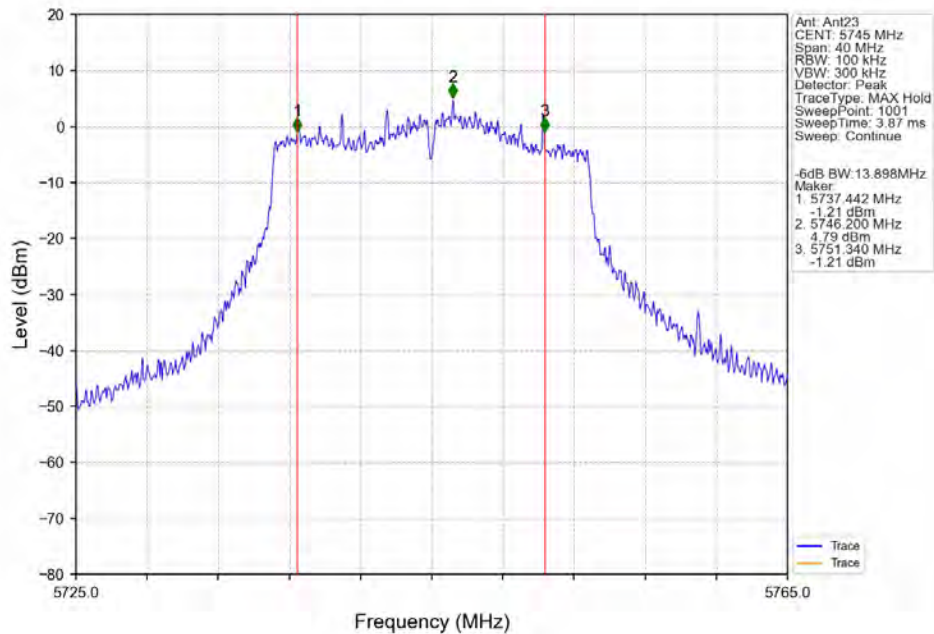
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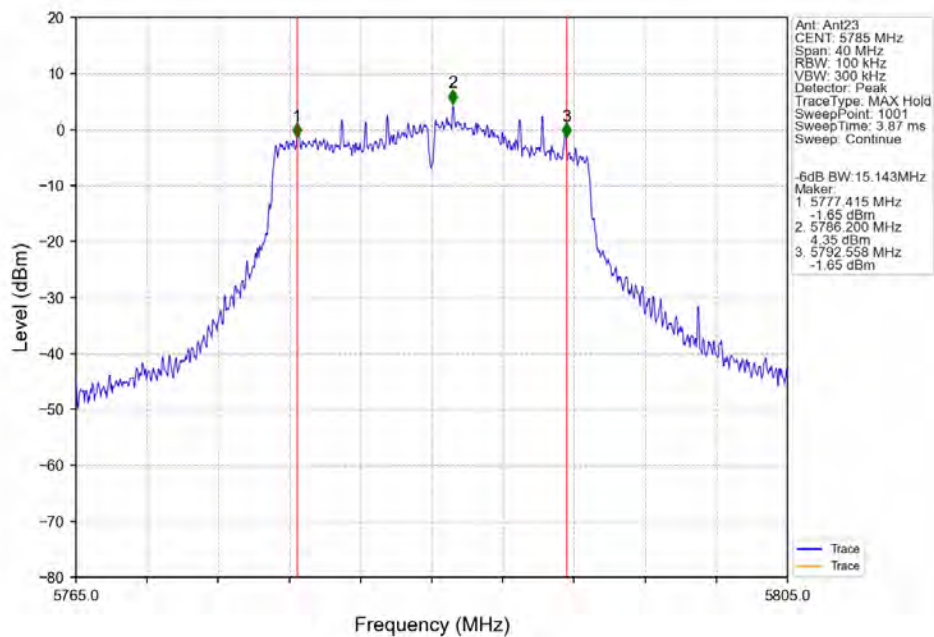
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802.11ac(VHT20)_LCH_5745MHz_Ant23_NTNV



802.11ac(VHT20)_MCH_5785MHz_Ant23_NTNV



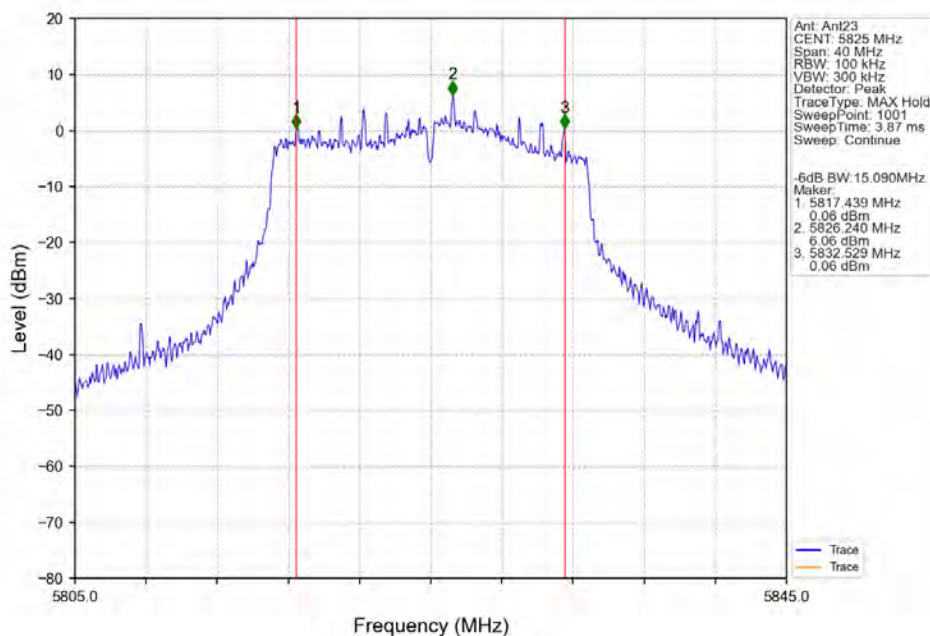
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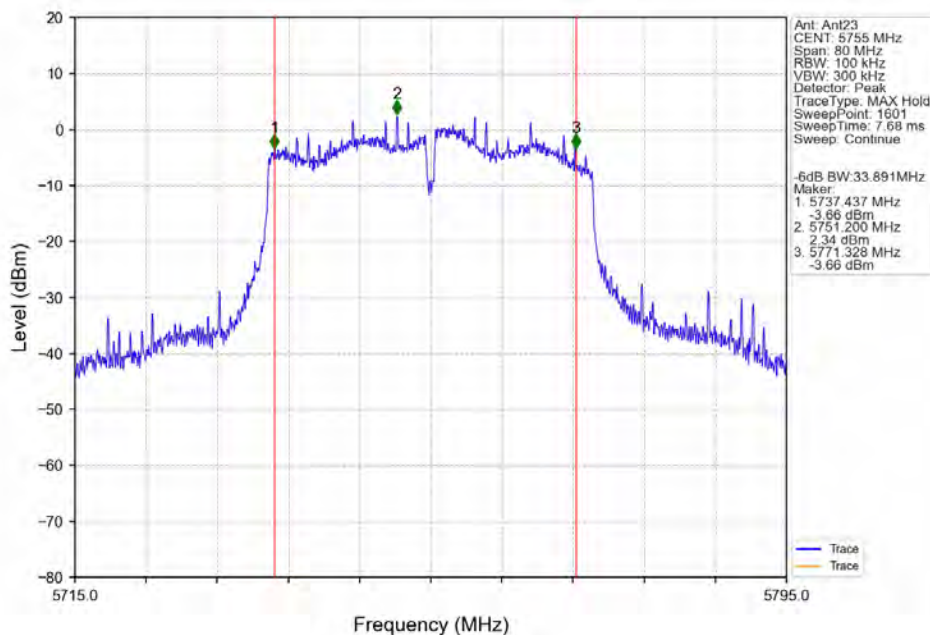
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802.11ac(VHT20)_HCH_5825MHz_Ant23_NTNV



802.11ac(VHT40)_LCH_5755MHz_Ant23_NTNV



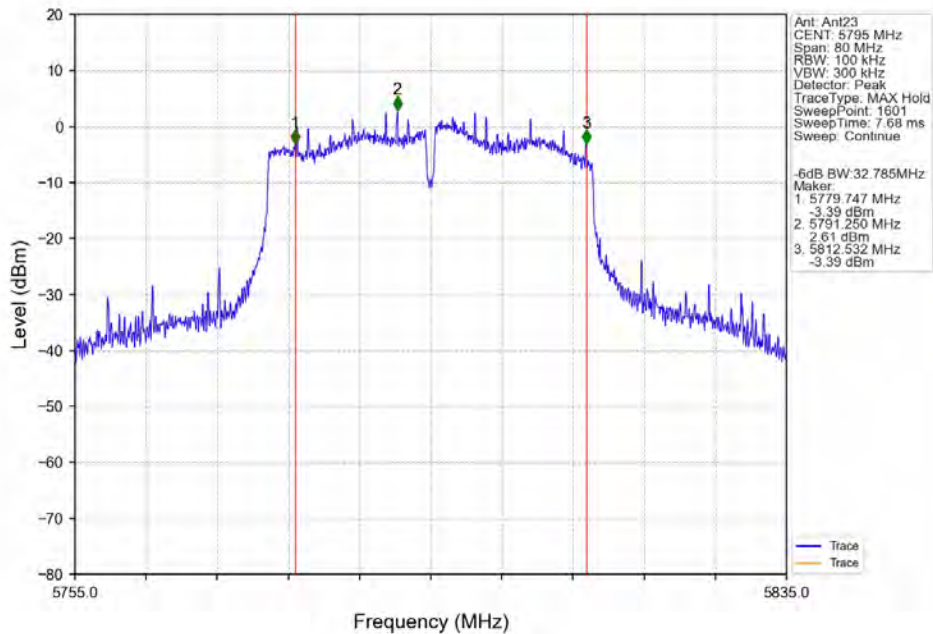
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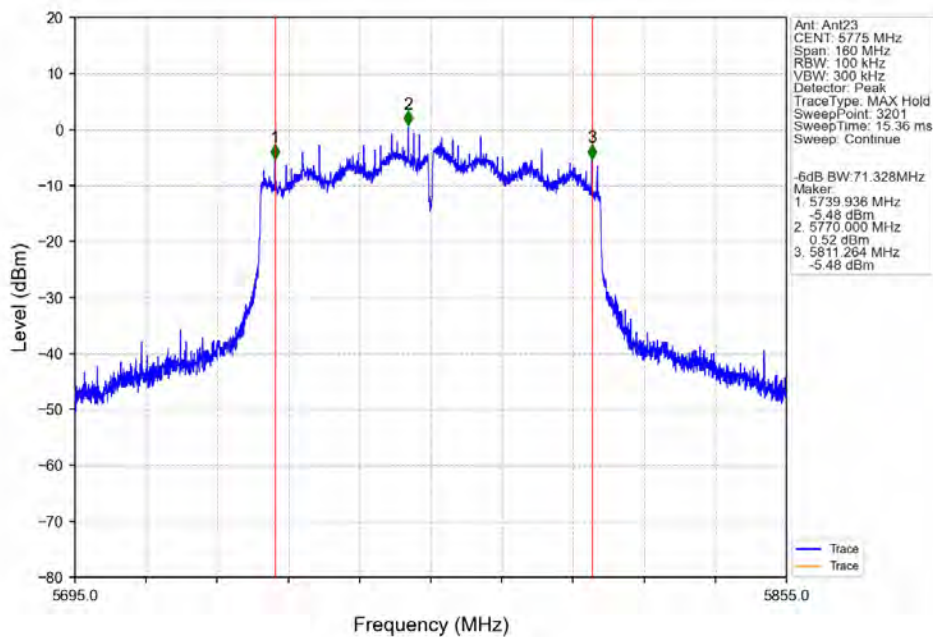
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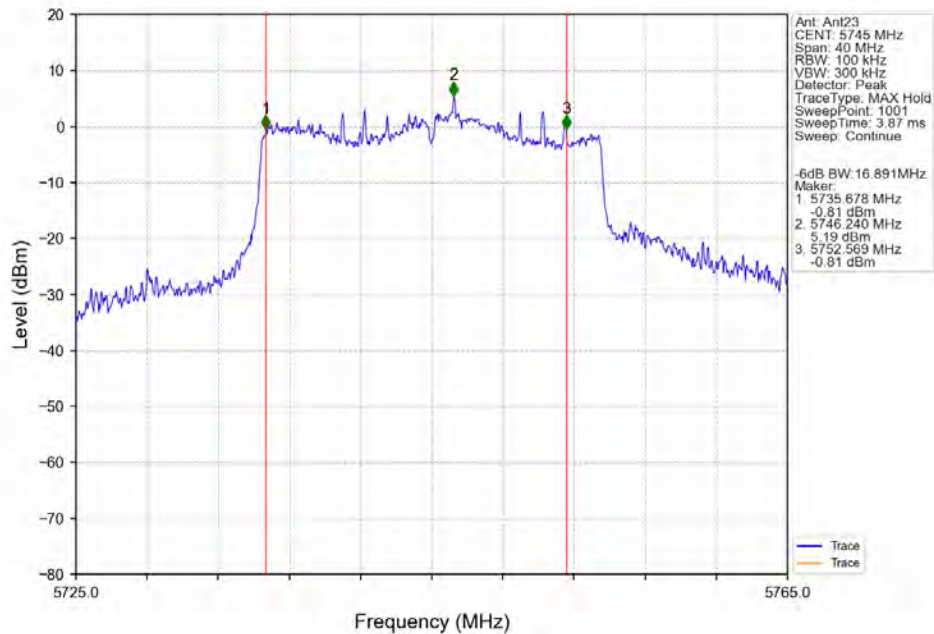
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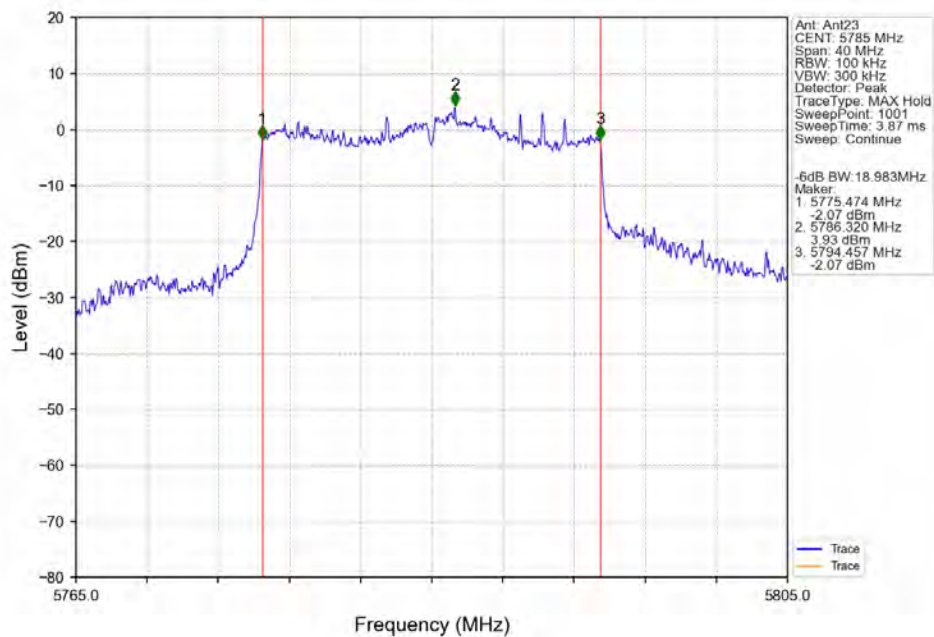
802.11ac(VHT80)_MCH_5775MHz_Ant23_NTNV



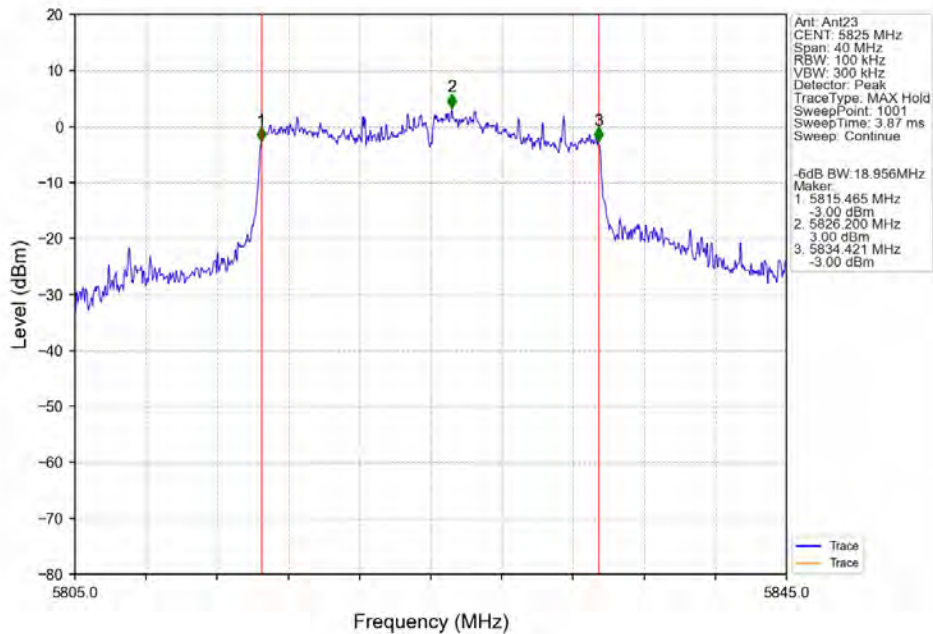
802.11ax(HEW20)_LCH_5745MHz_SU_/_Ant23_NTNV



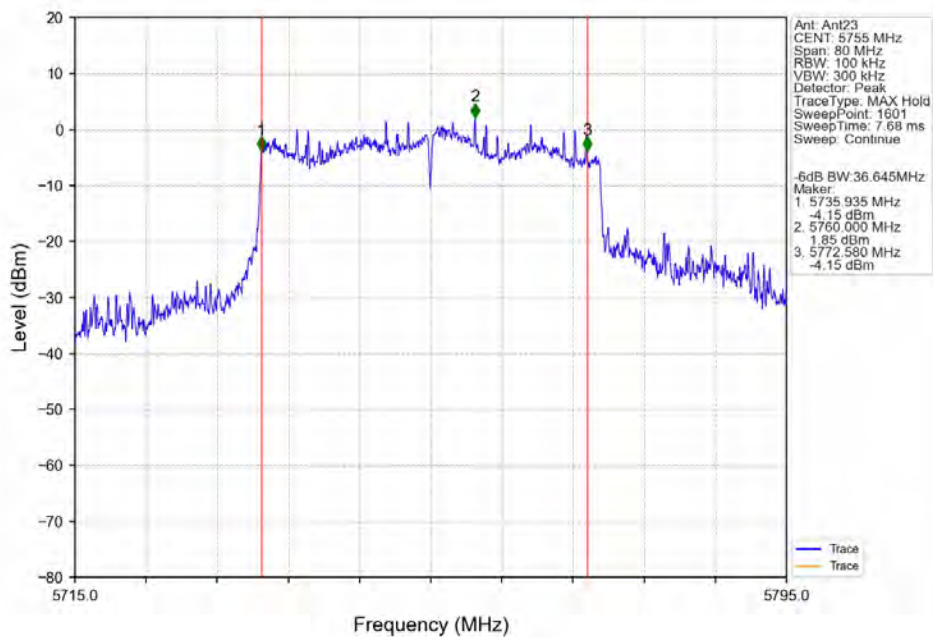
802.11ax(HEW20)_MCH_5785MHz_SU_/_Ant23_NTNV



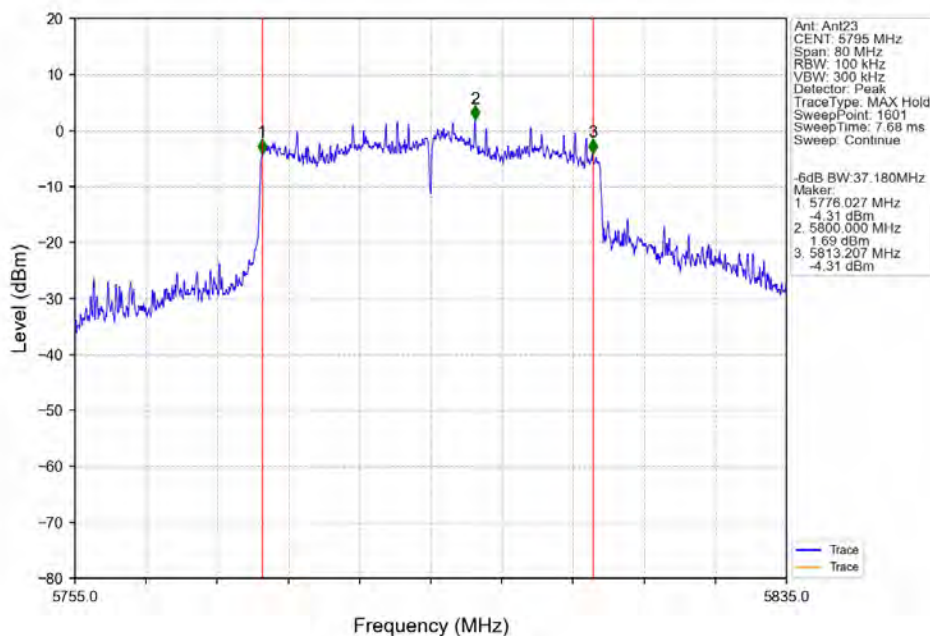
802.11ax(HEW20)_HCH_5825MHz_SU_/_Ant23_NTNV



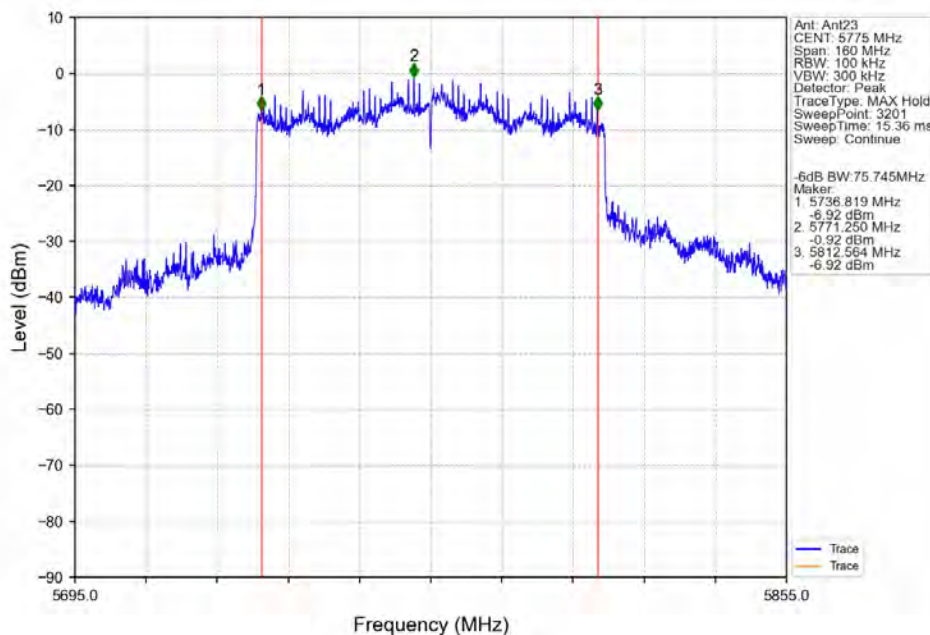
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802.11ax(HEW40)_HCH_5795MHz_SU_/_Ant23_NTNV



802.11ax(HEW80)_MCH_5775MHz_SU_/_Ant23_NTNV



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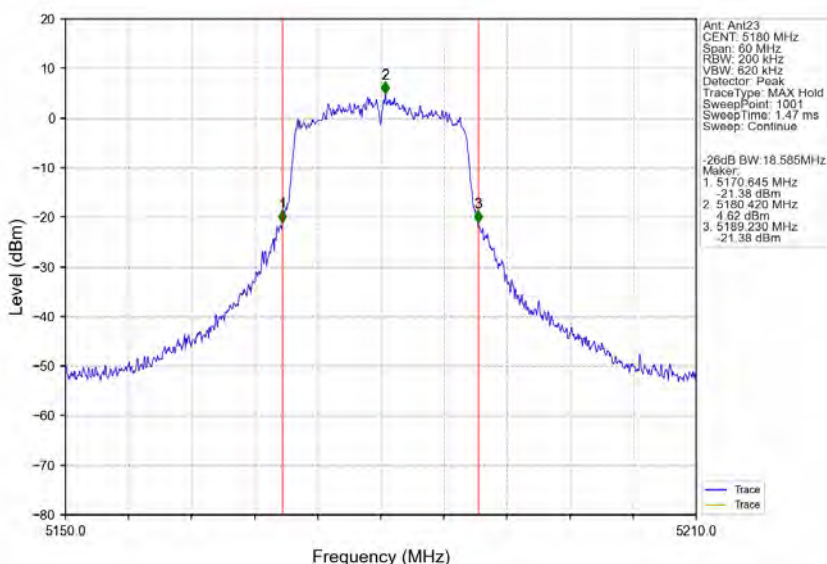
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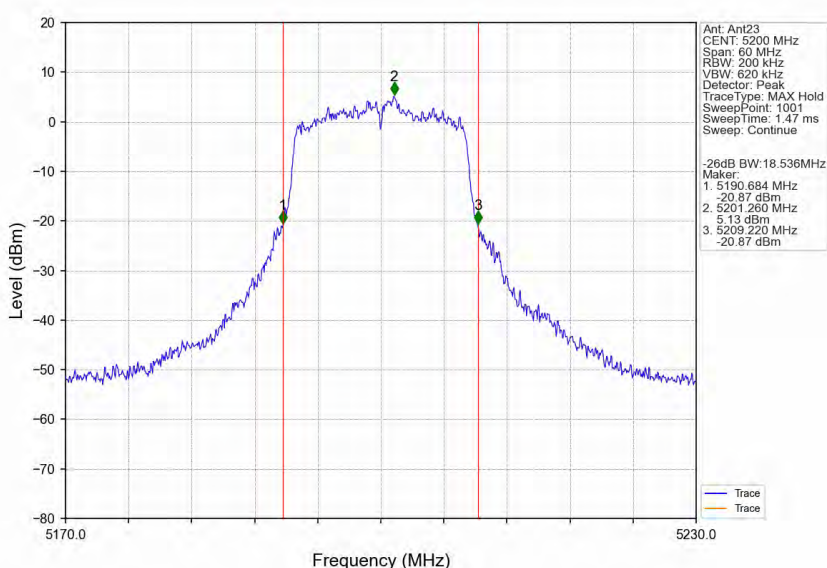
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2.2.3 26dB BW

802.11a_LCH_5180MHz_Ant23_NTNV



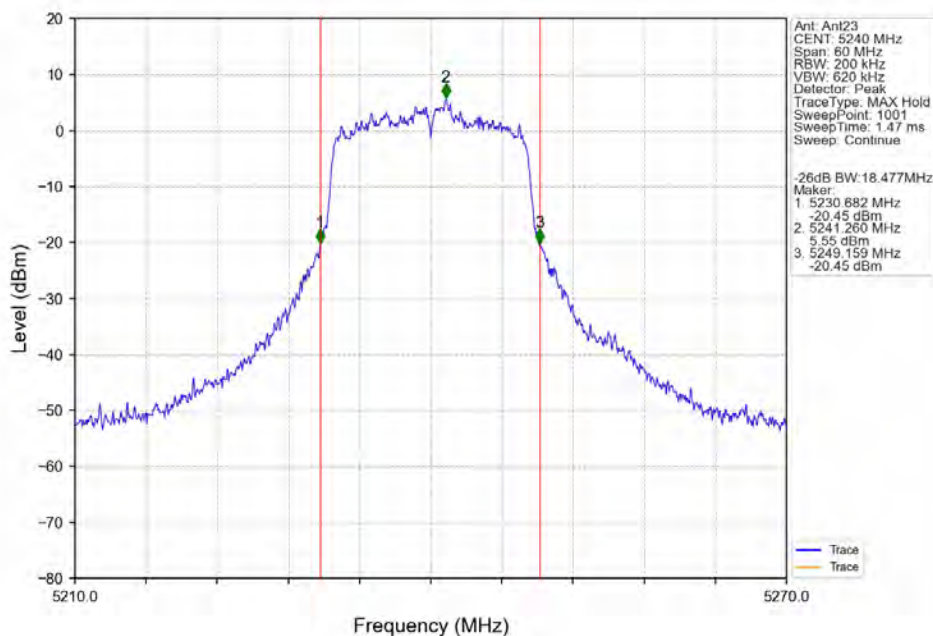
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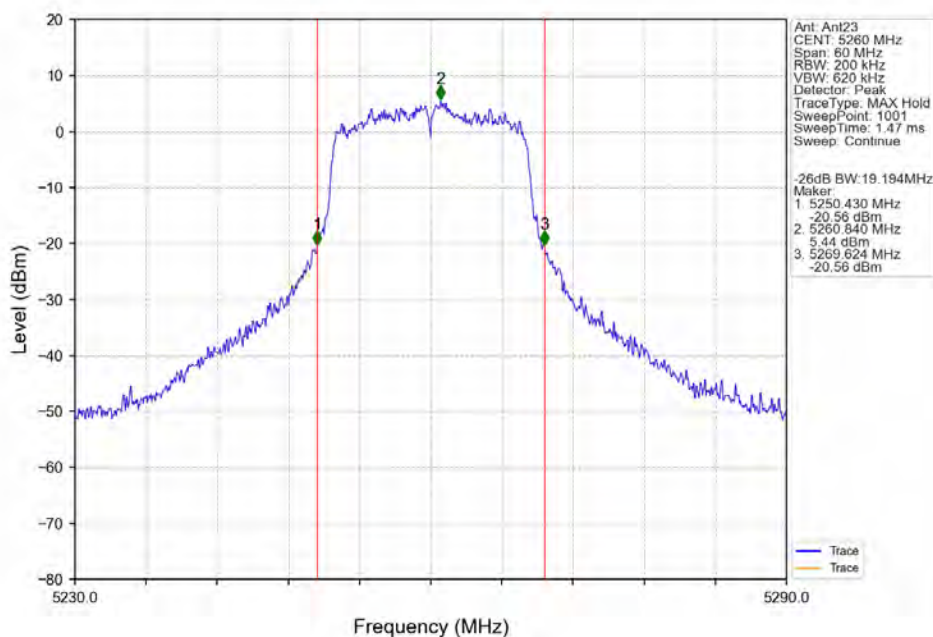
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802.11a_HCH_5240MHz_Ant23_NTNV



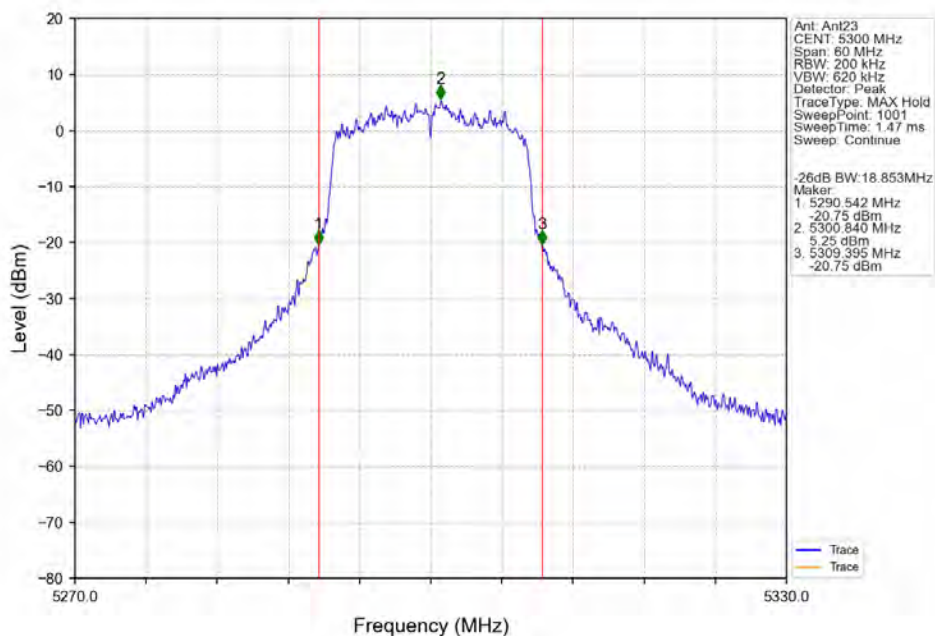
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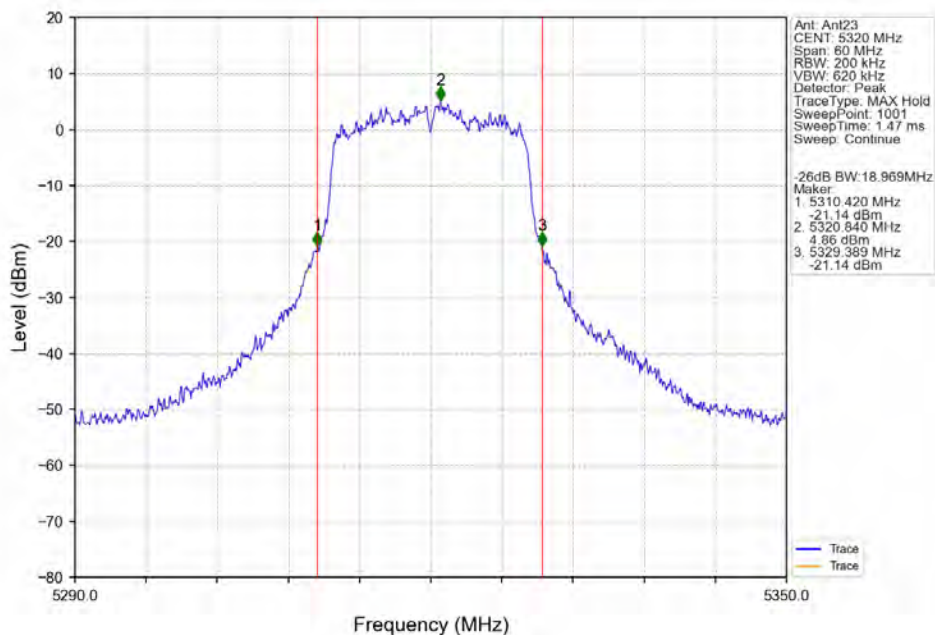
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802.11a_MCH_5300MHz_Ant23_NTNV



802.11a_HCH_5320MHz_Ant23_NTNV



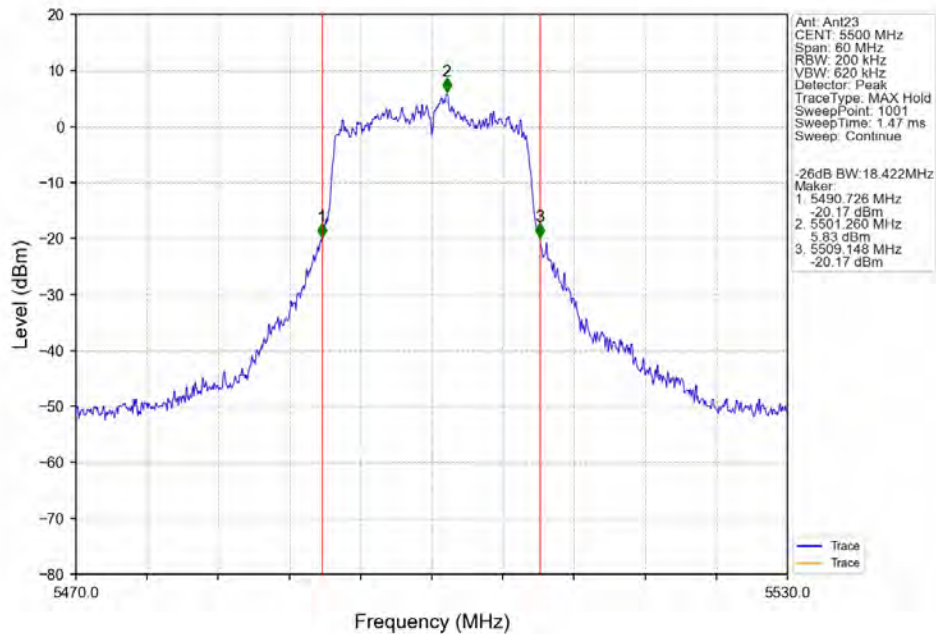
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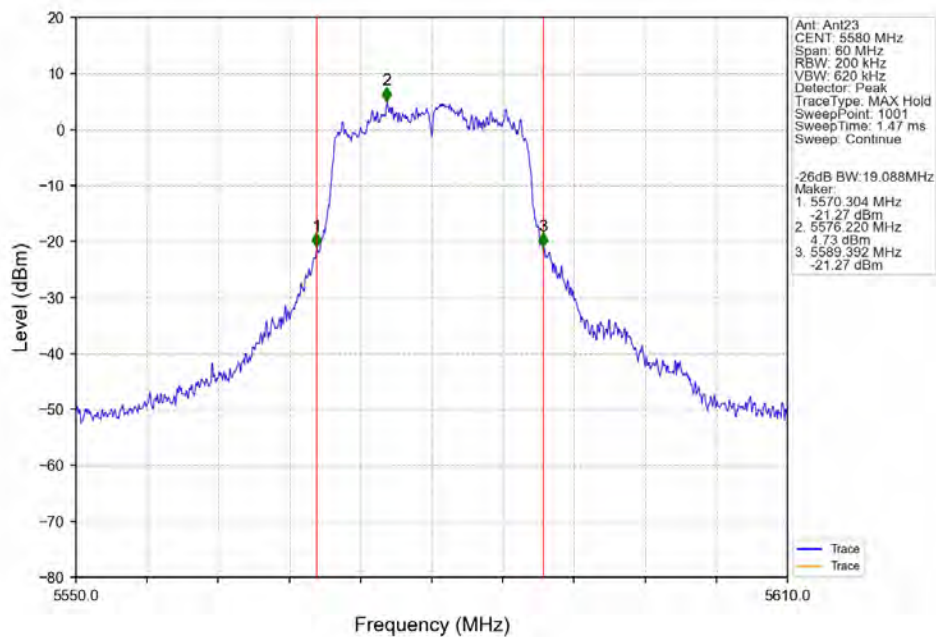
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802.11a_LCH_5500MHz_Ant23_NTNV



802.11a_MCH_5580MHz_Ant23_NTNV



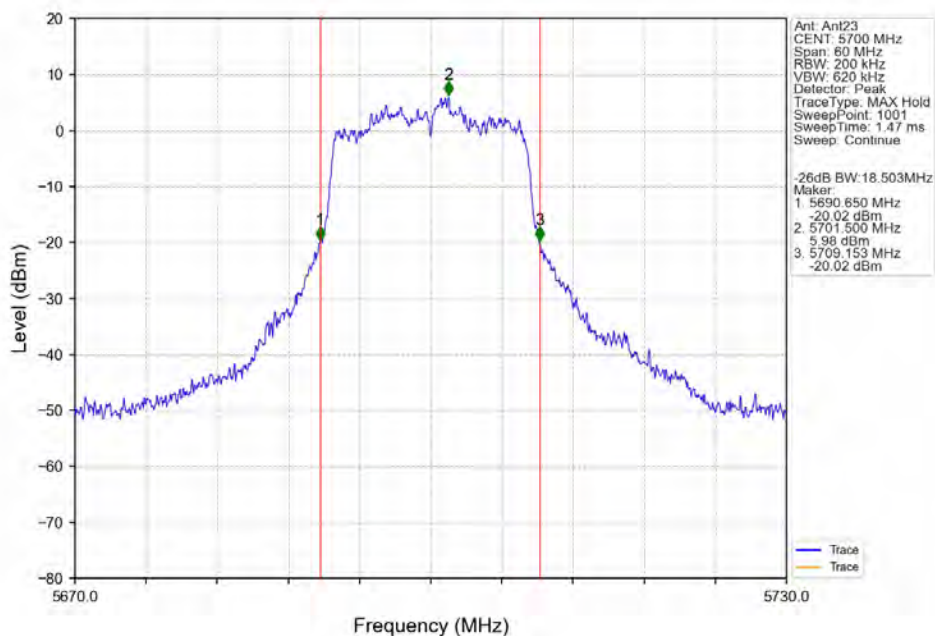
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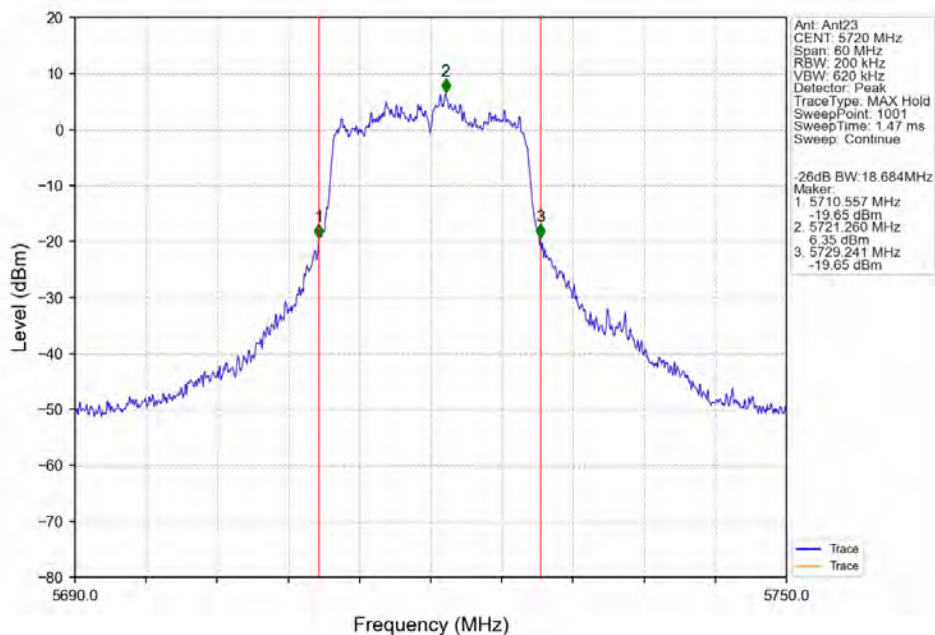
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802.11a_HCH_5700MHz_Ant23_NTNV



802.11a_HCH_5720MHz_Ant23_NTNV



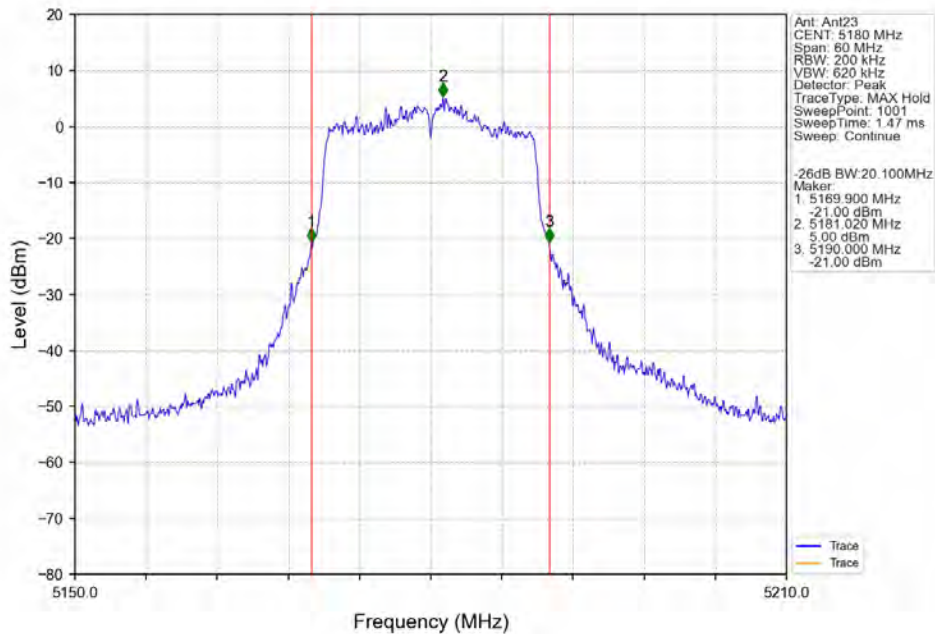
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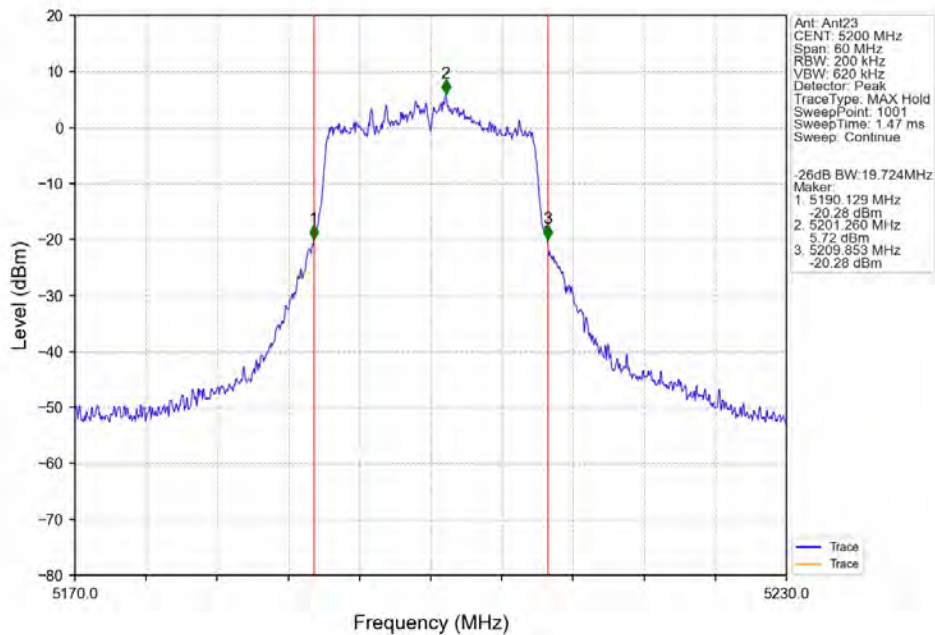
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802.11n(HT20)_LCH_5180MHz_Ant23_NTNV



802.11n(HT20)_MCH_5200MHz_Ant23_NTNV



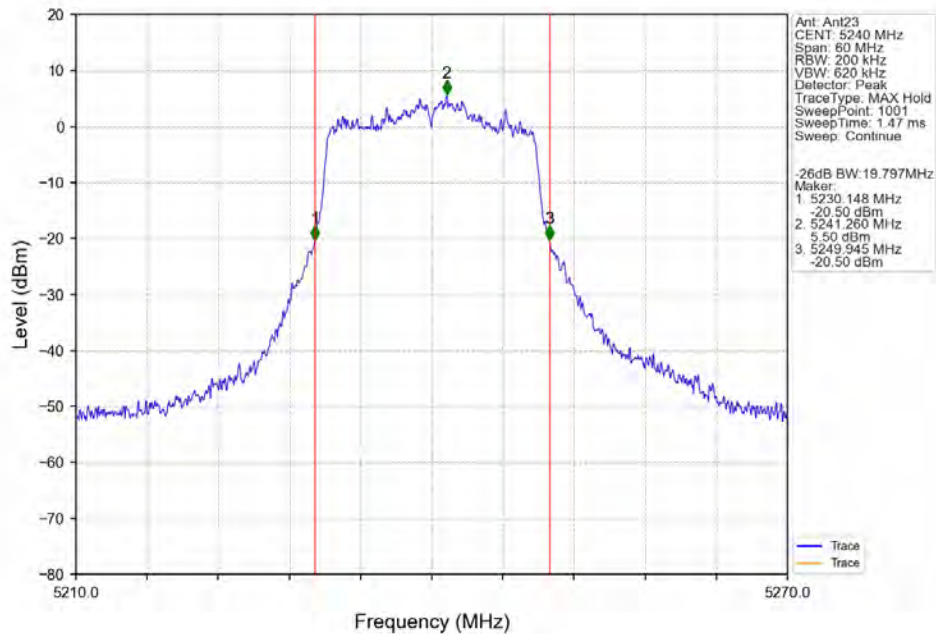
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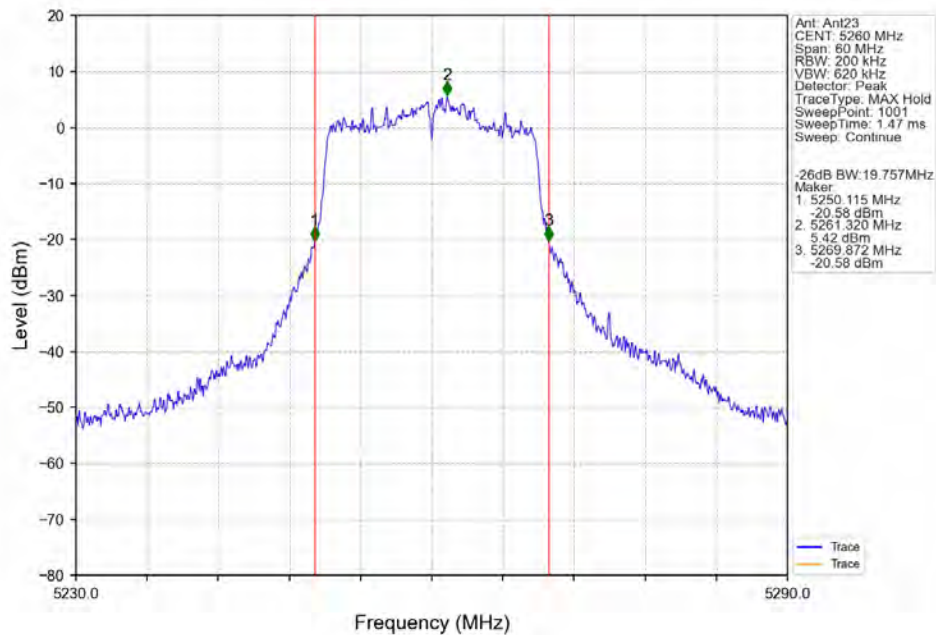
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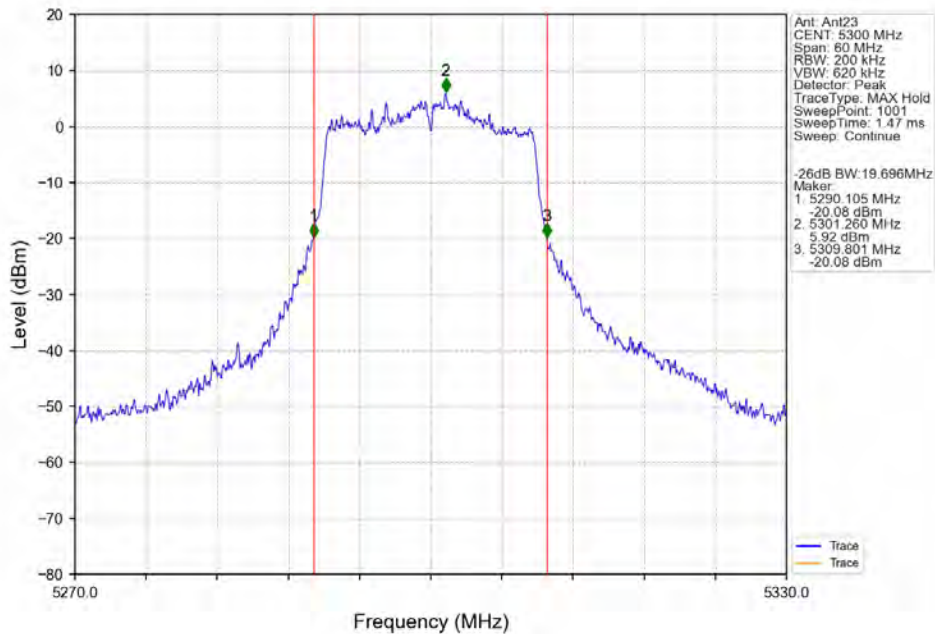
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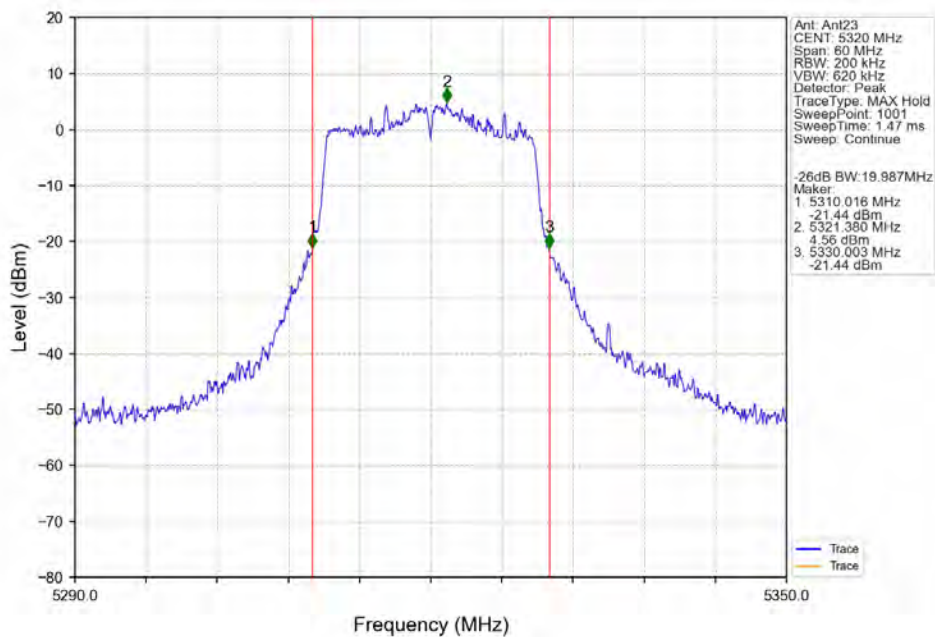
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802.11n(HT20)_MCH_5300MHz_Ant23_NTNV



802.11n(HT20)_HCH_5320MHz_Ant23_NTNV



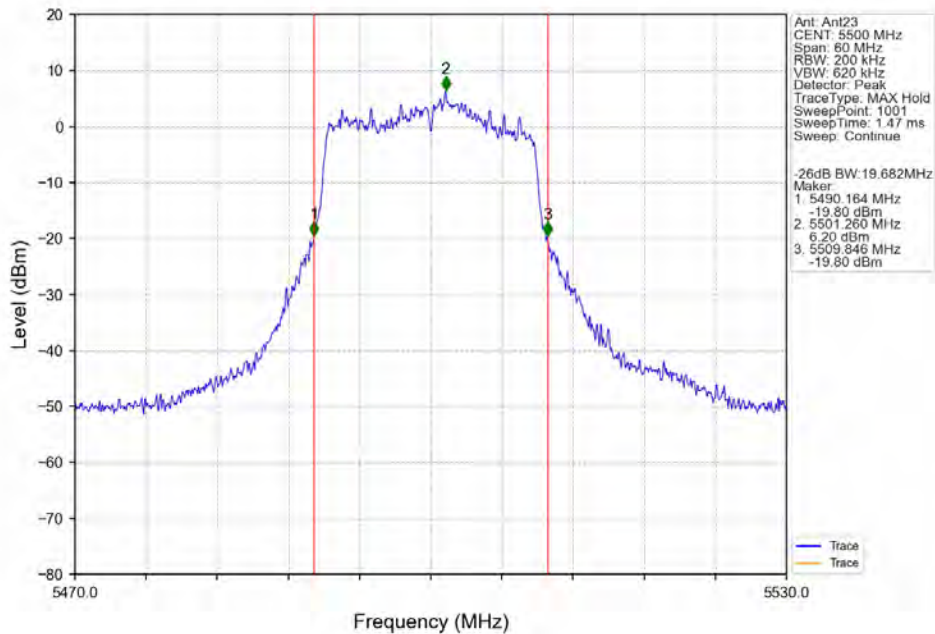
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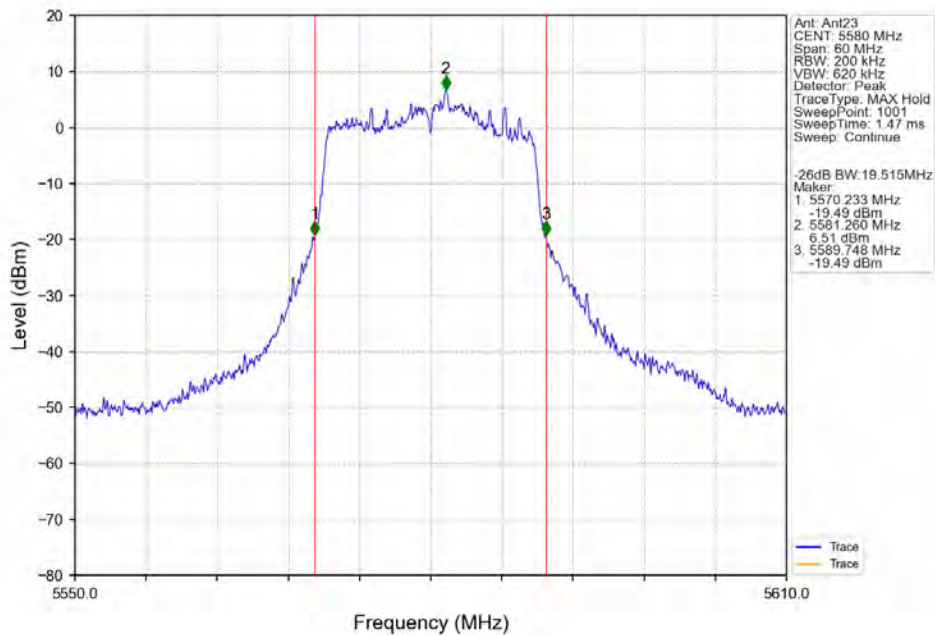
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802.11n(HT20)_LCH_5500MHz_Ant23_NTNV



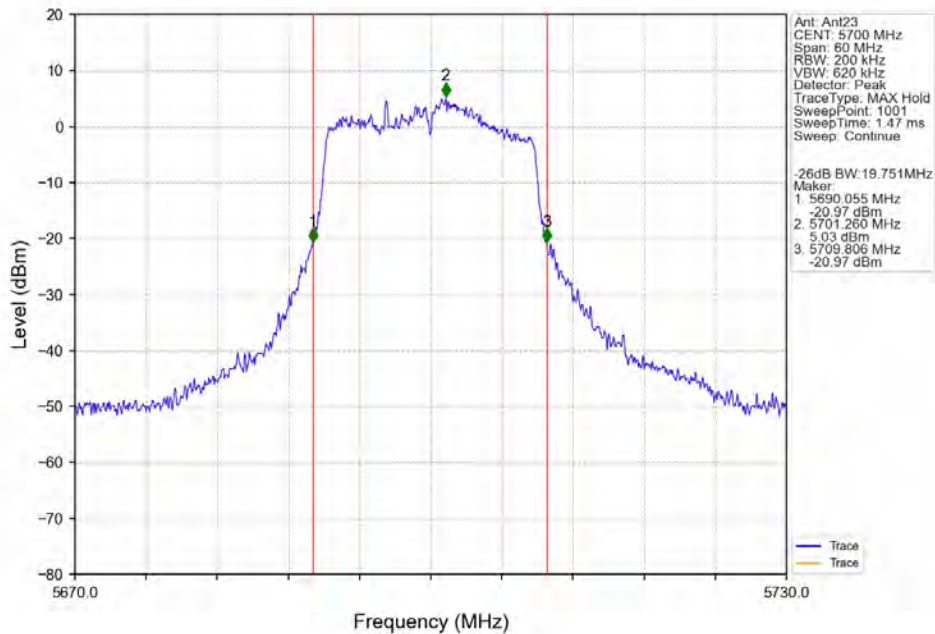
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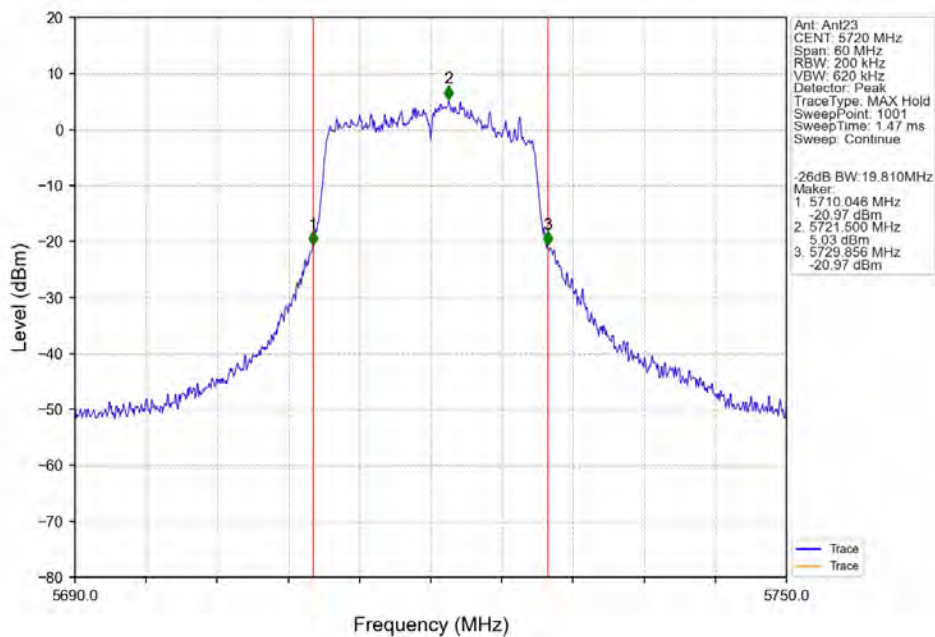
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802.11n(HT20)_HCH_5700MHz_Ant23_NTNV



802.11n(HT20)_HCH_5720MHz_Ant23_NTNV



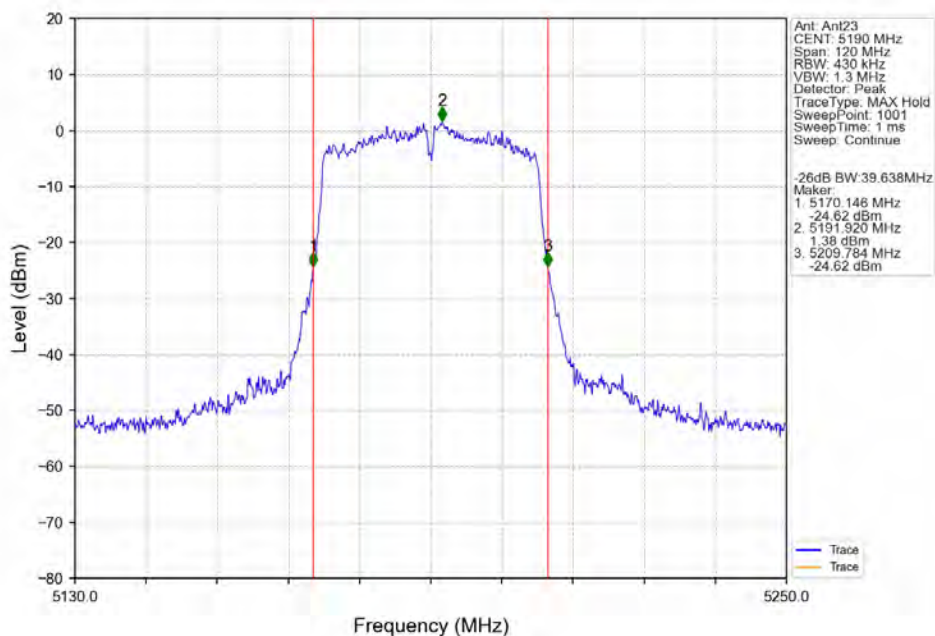
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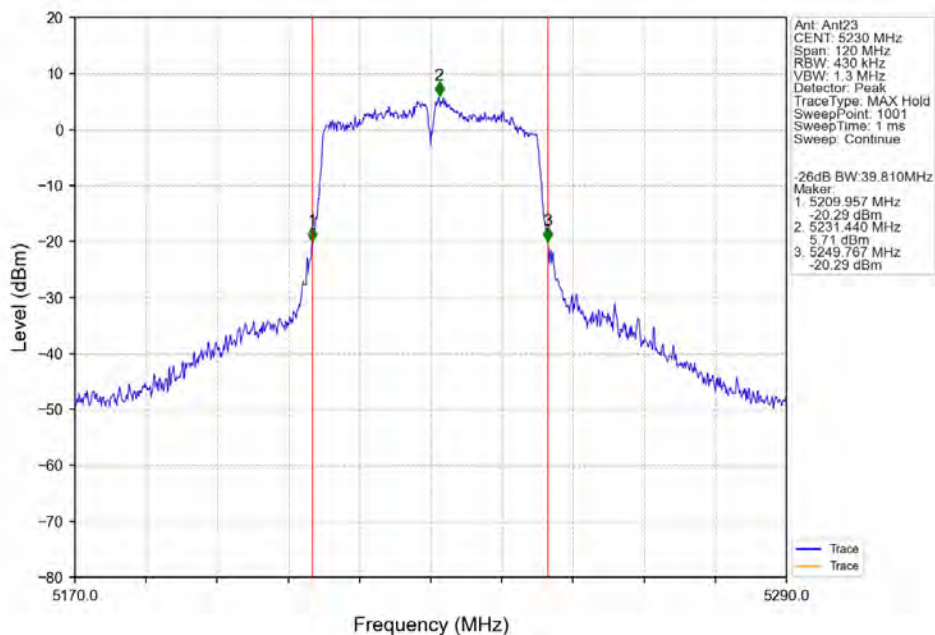
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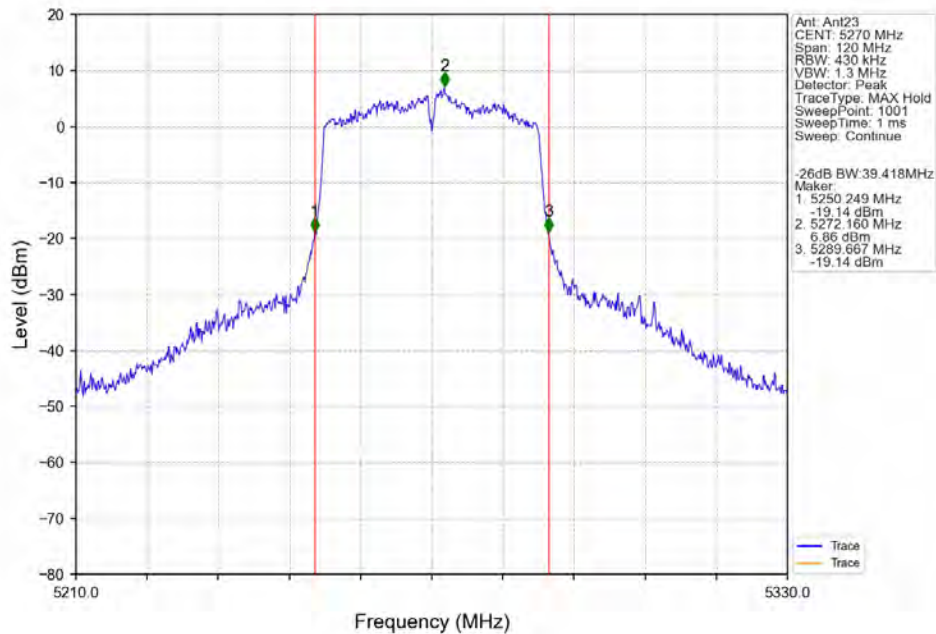
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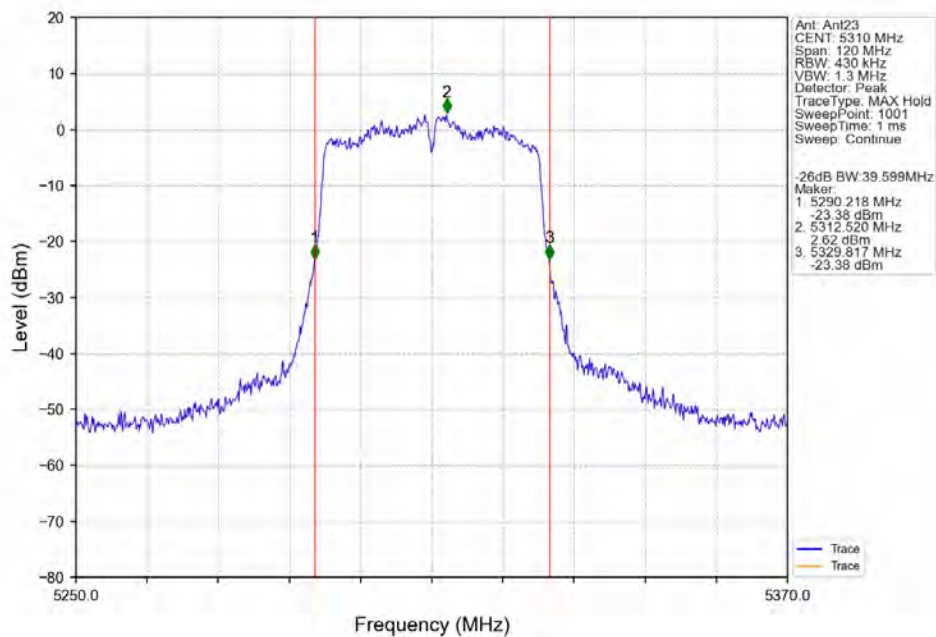
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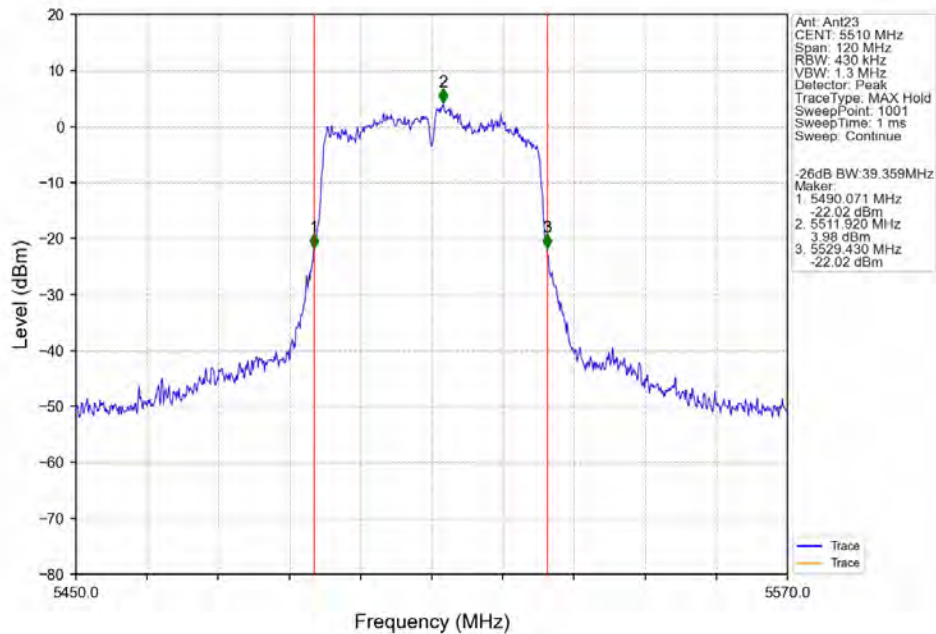
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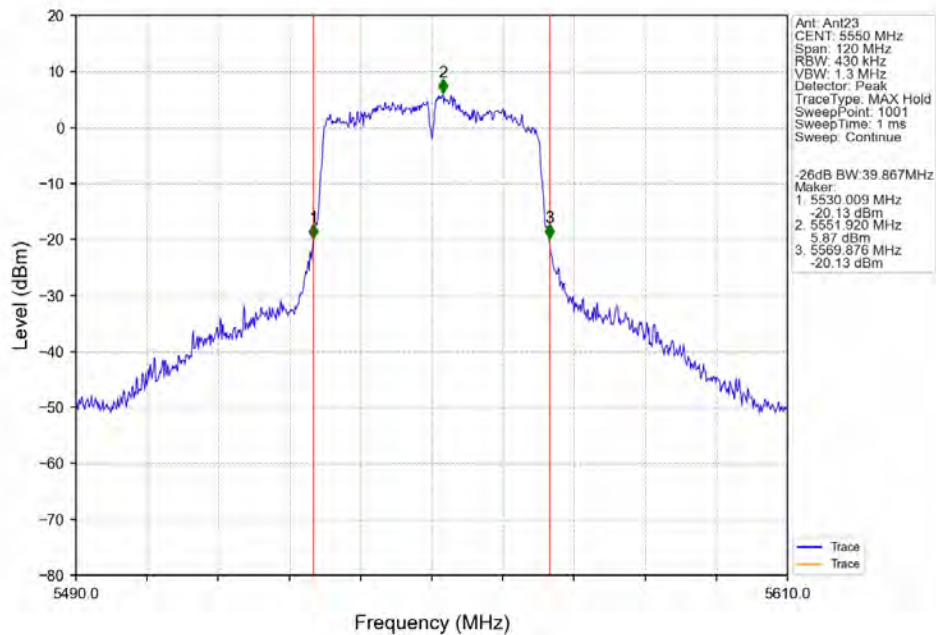
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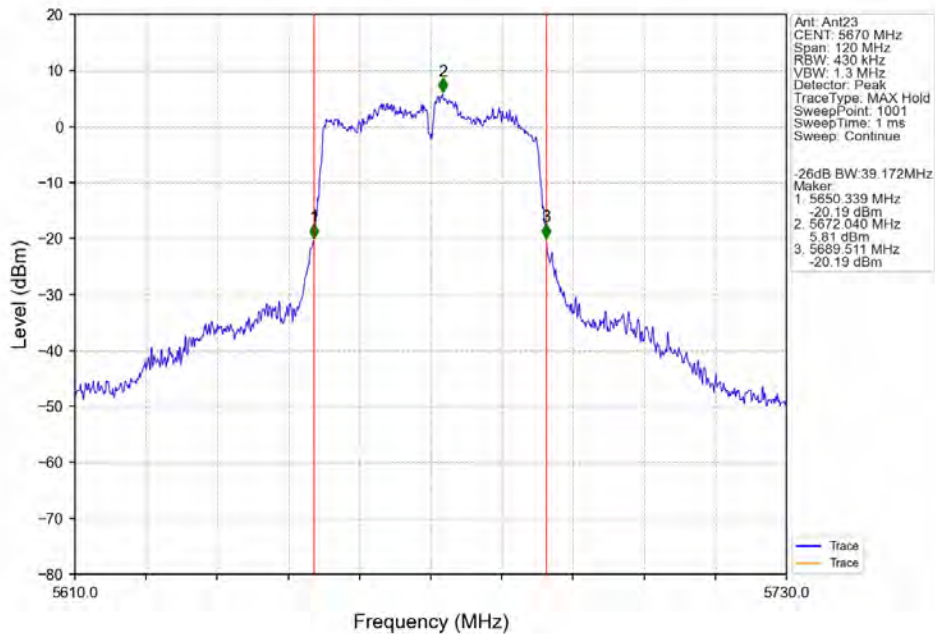
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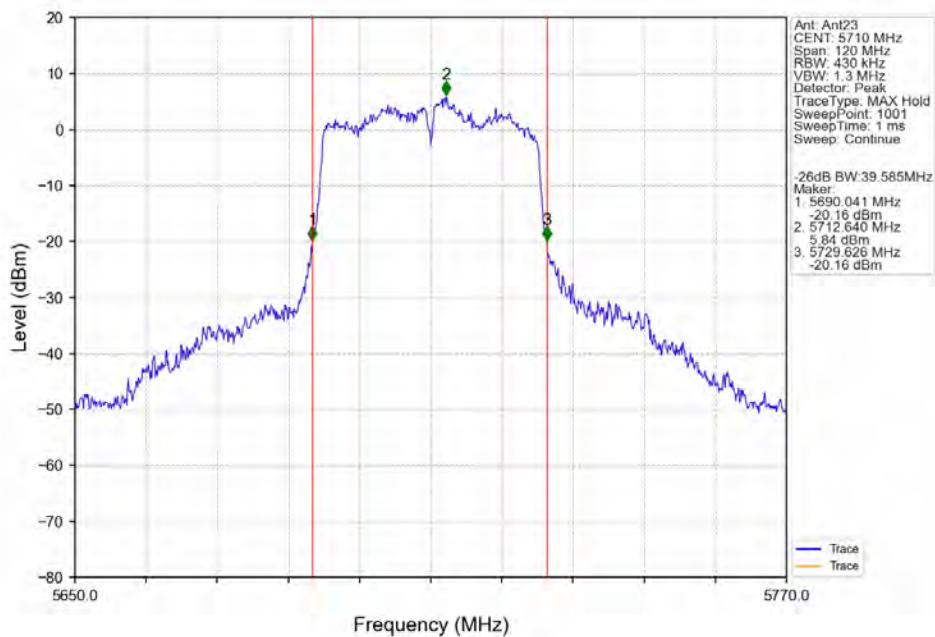
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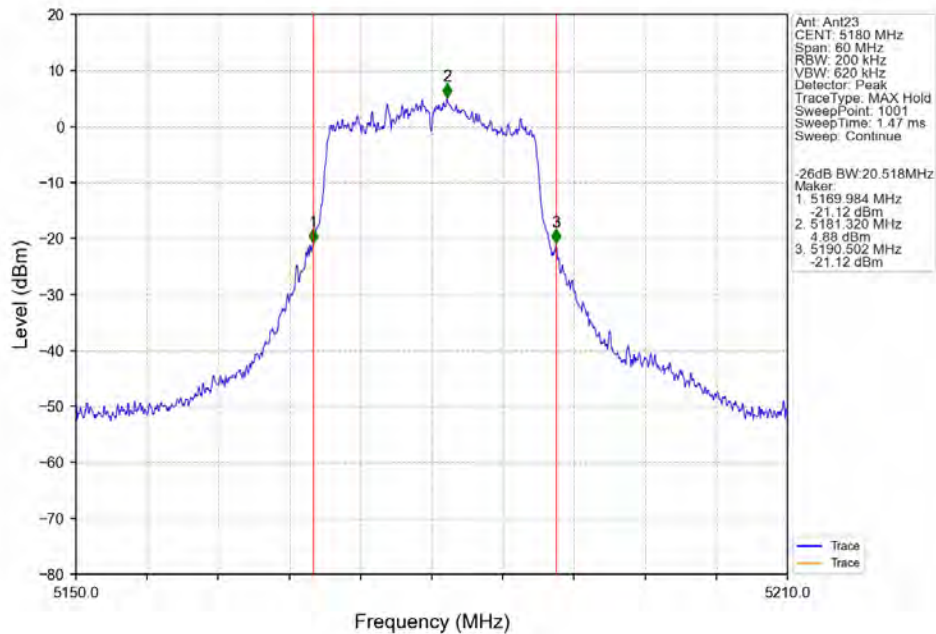
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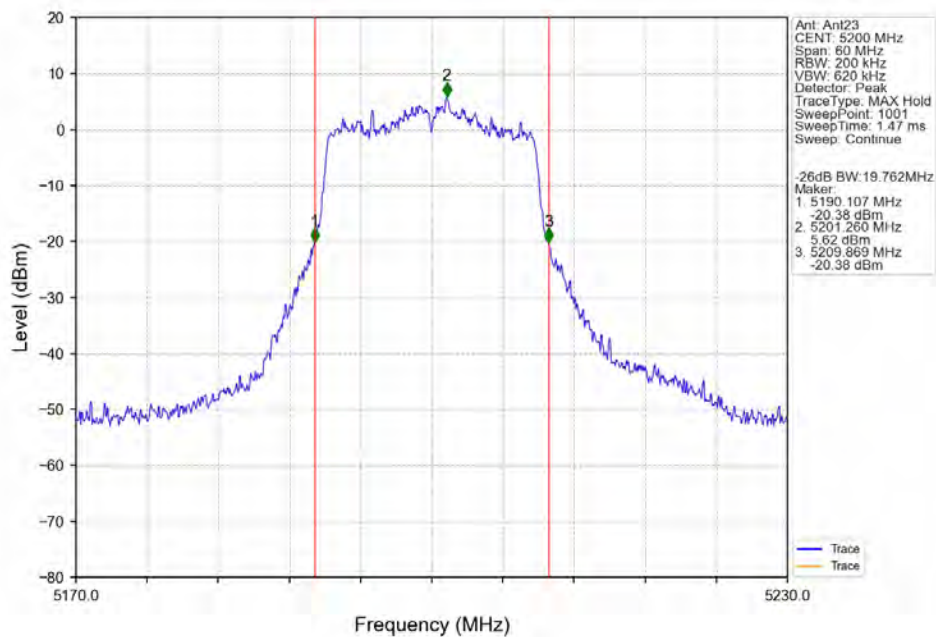
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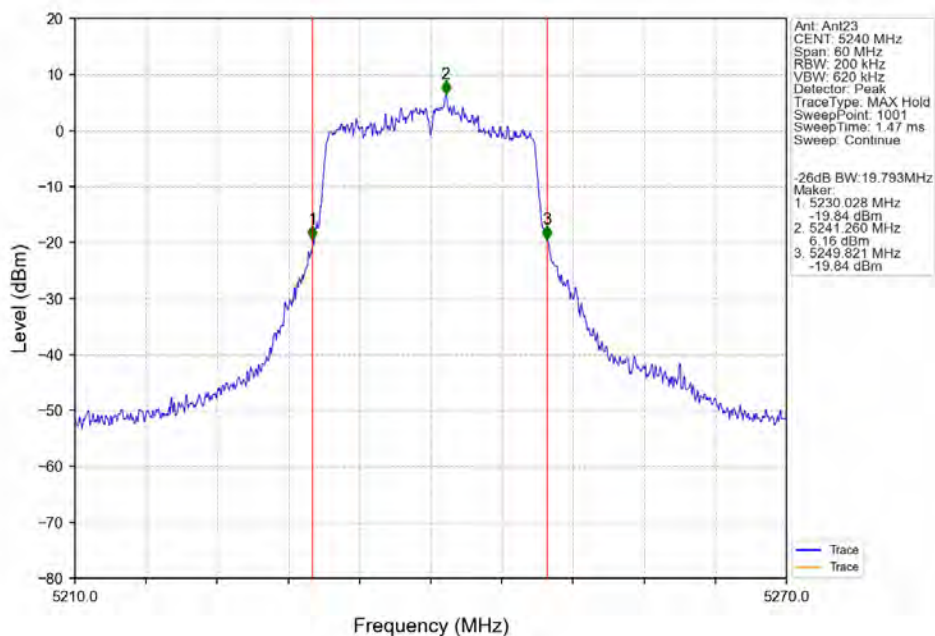
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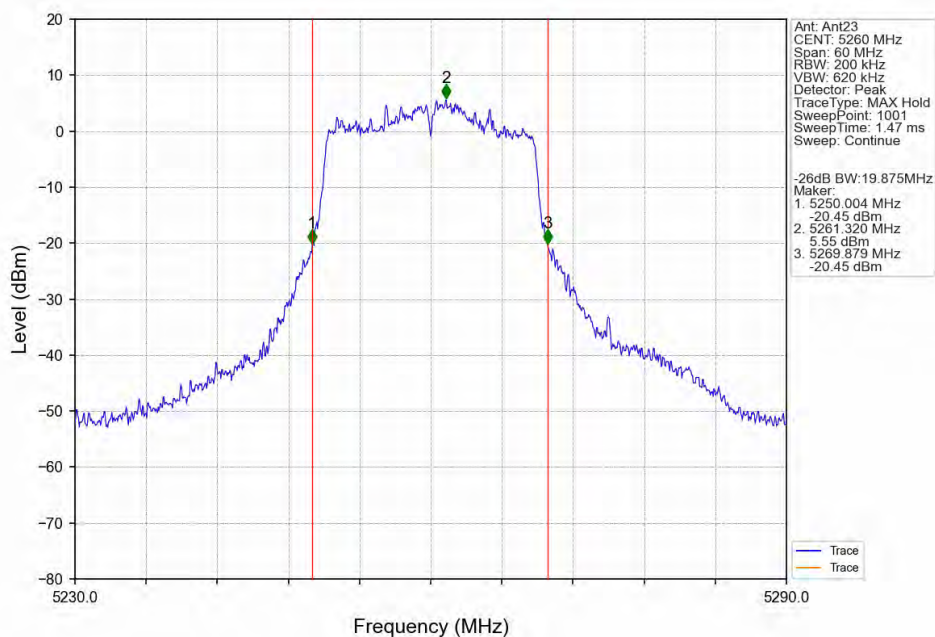
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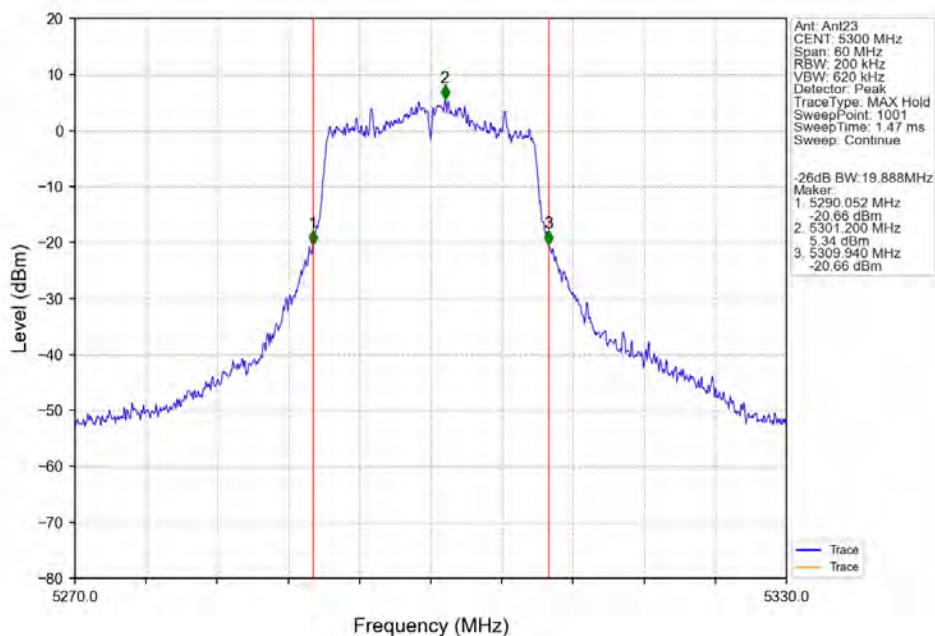
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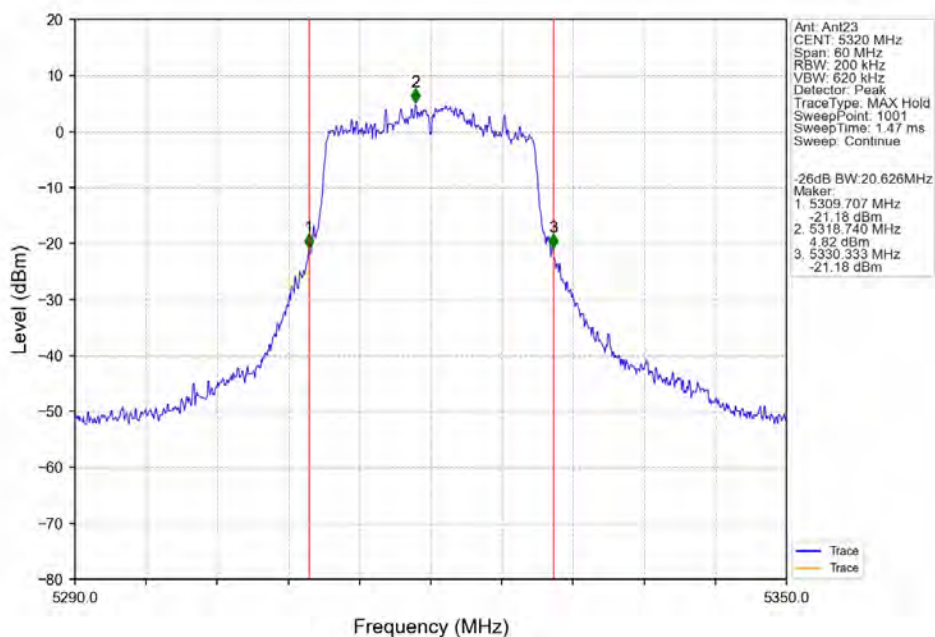
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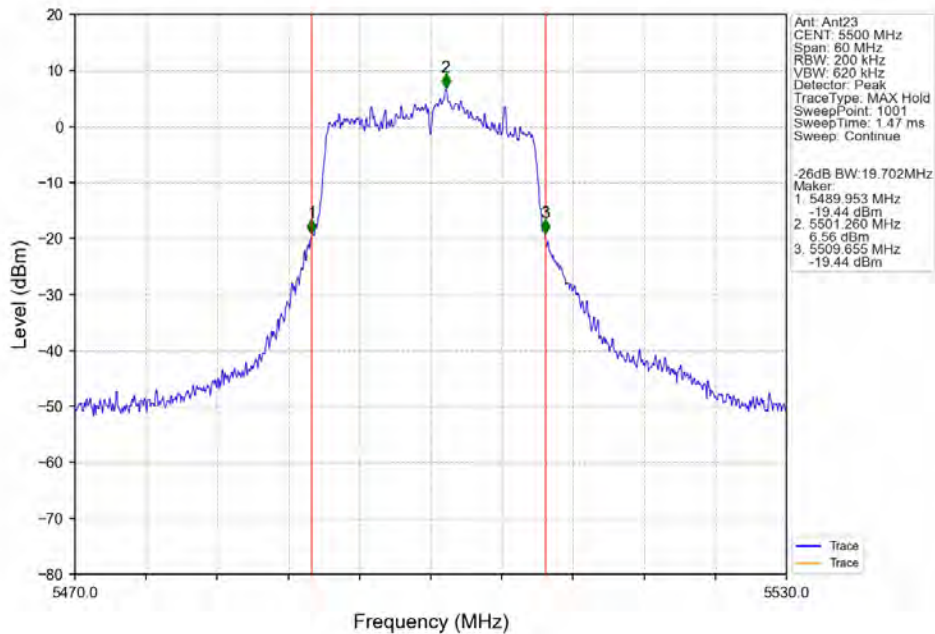
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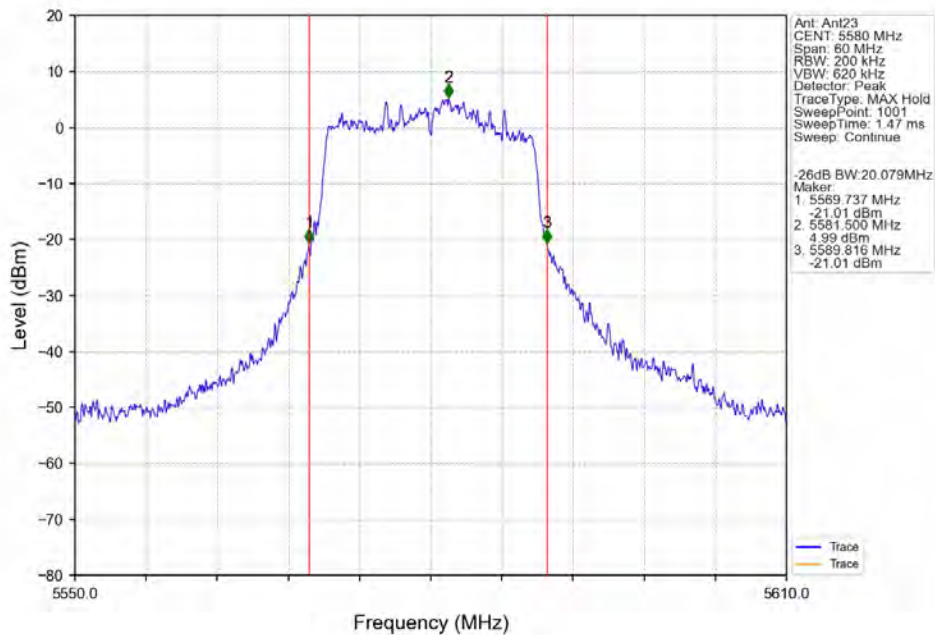
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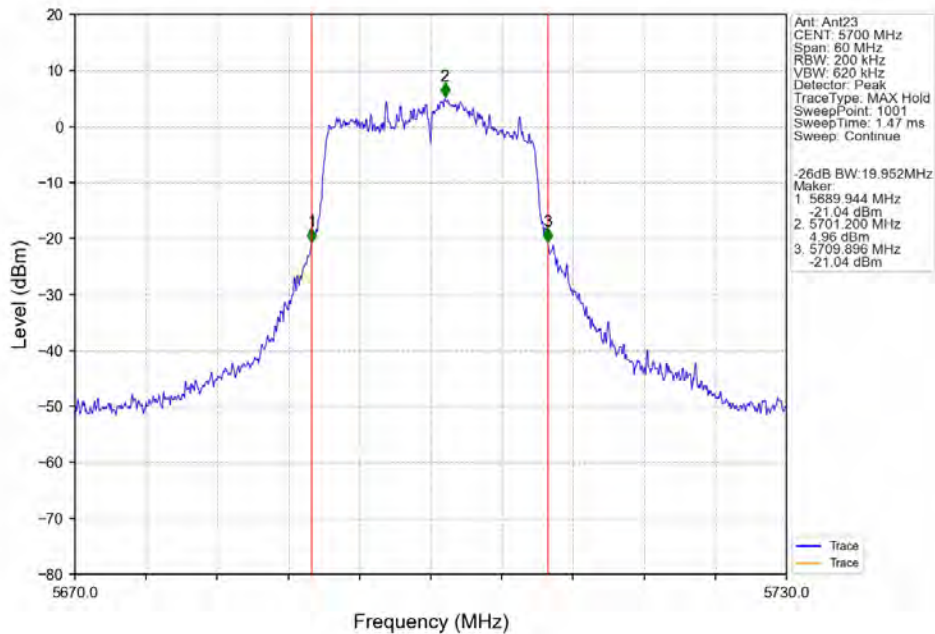
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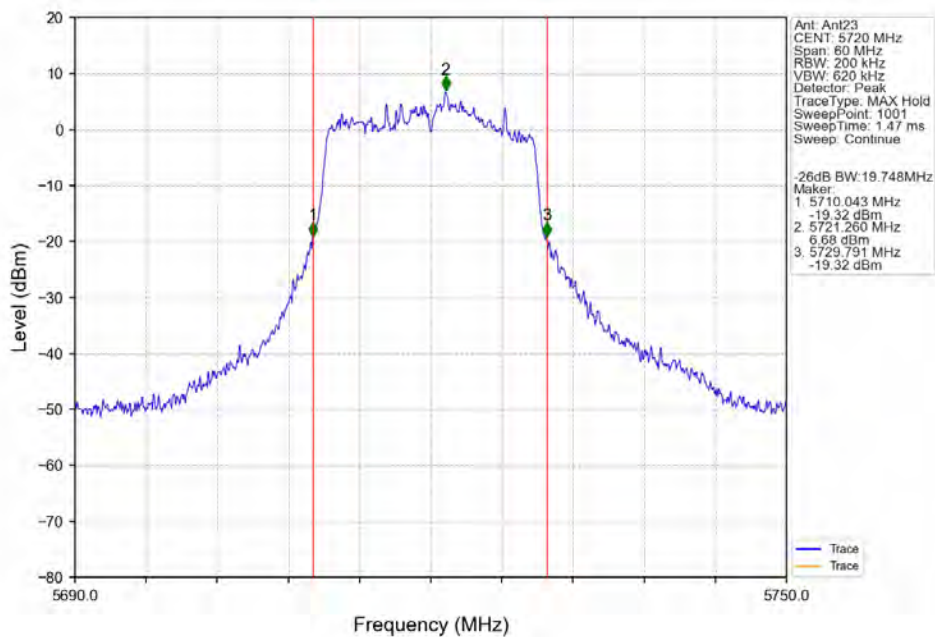
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802.11ac(VHT20)_HCH_5700MHz_Ant23_NTNV



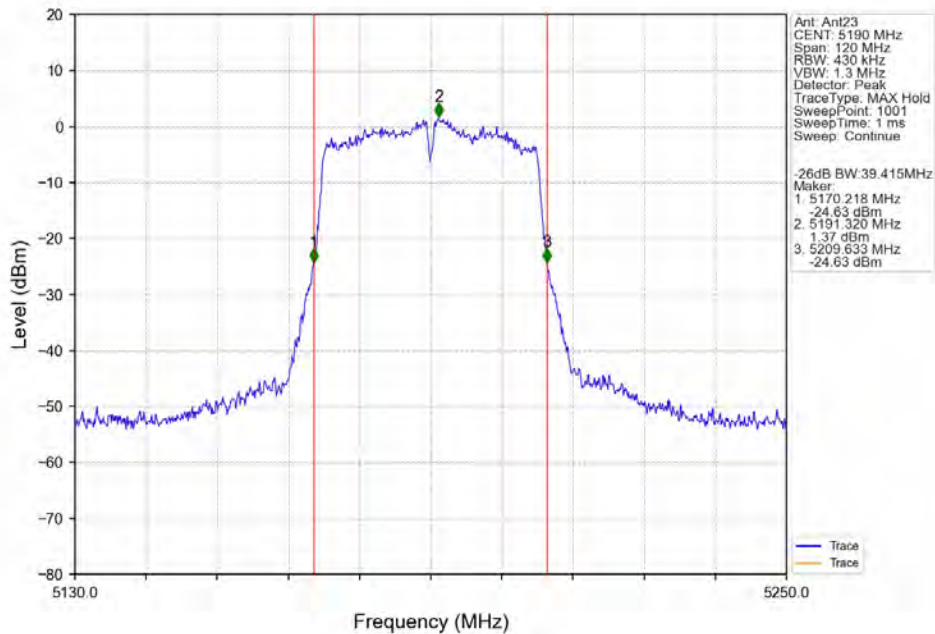
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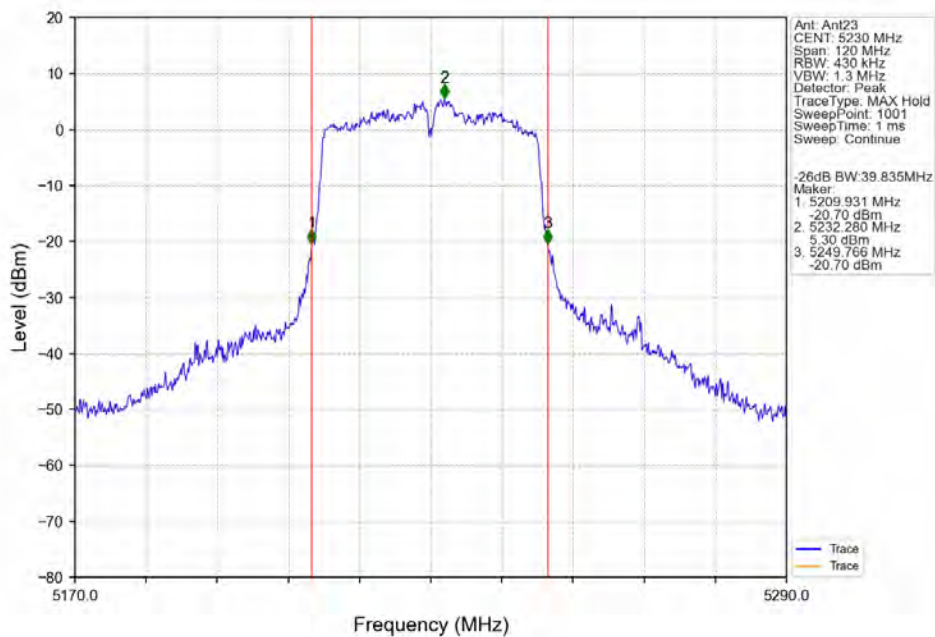
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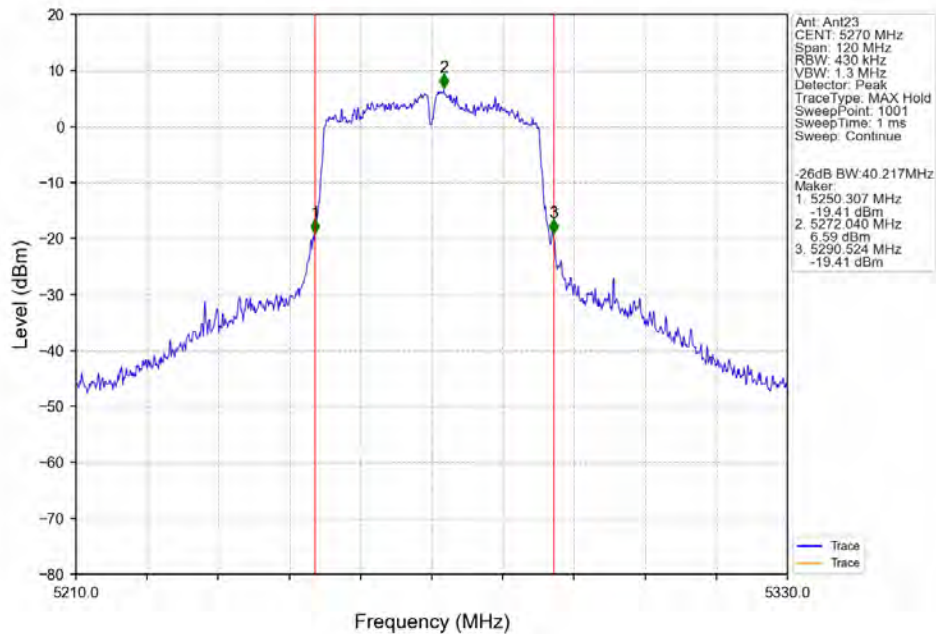
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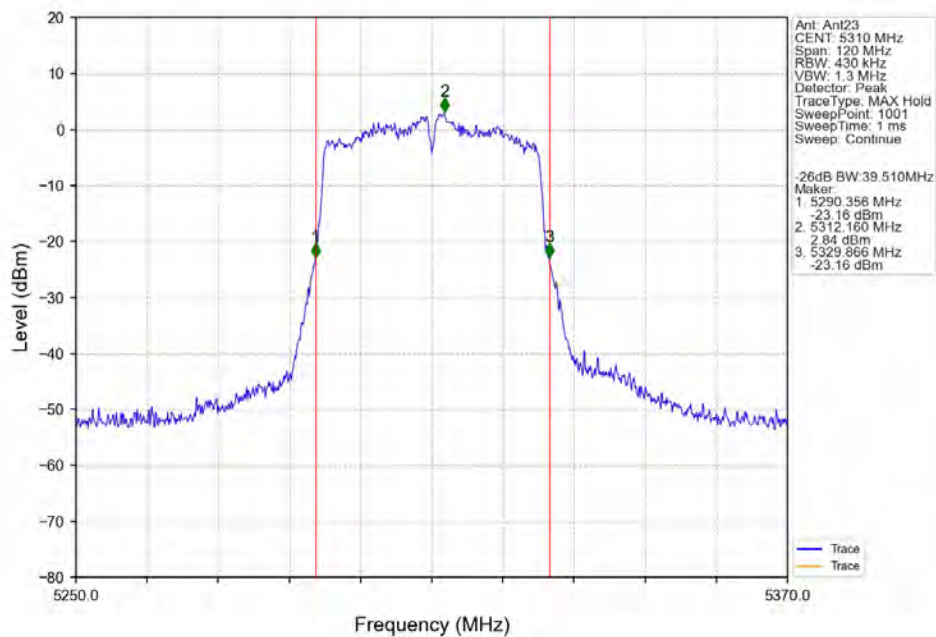
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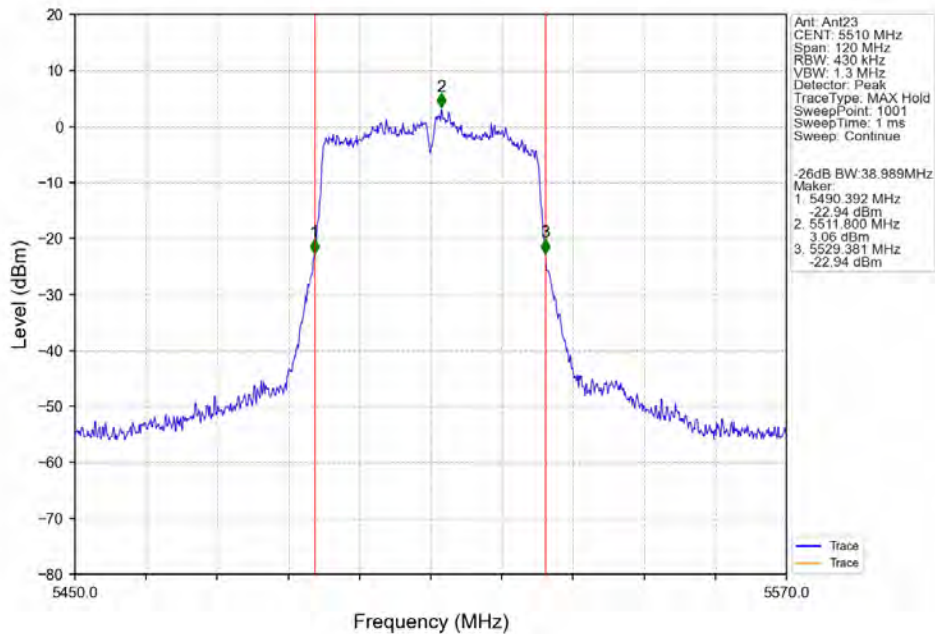
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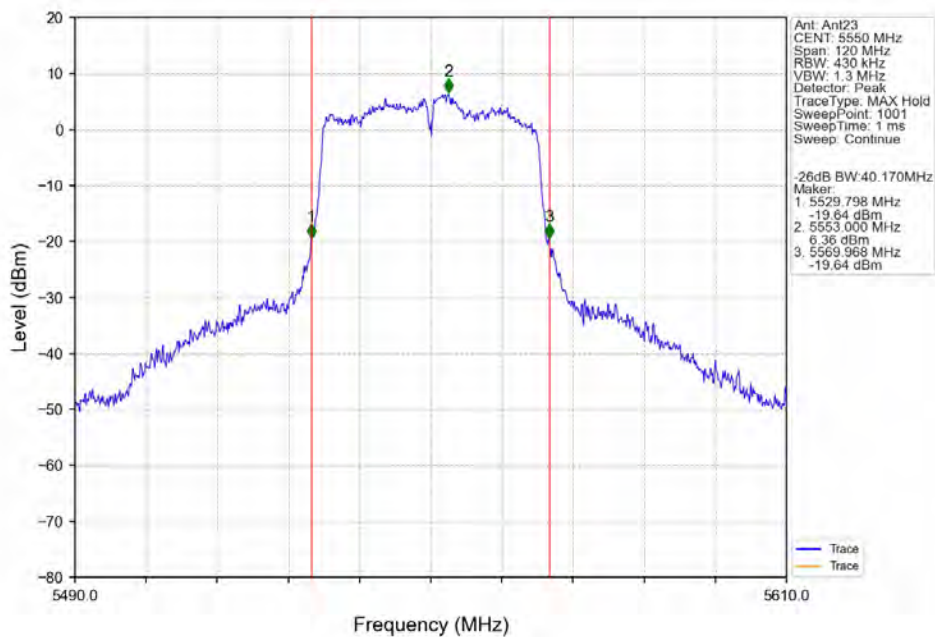
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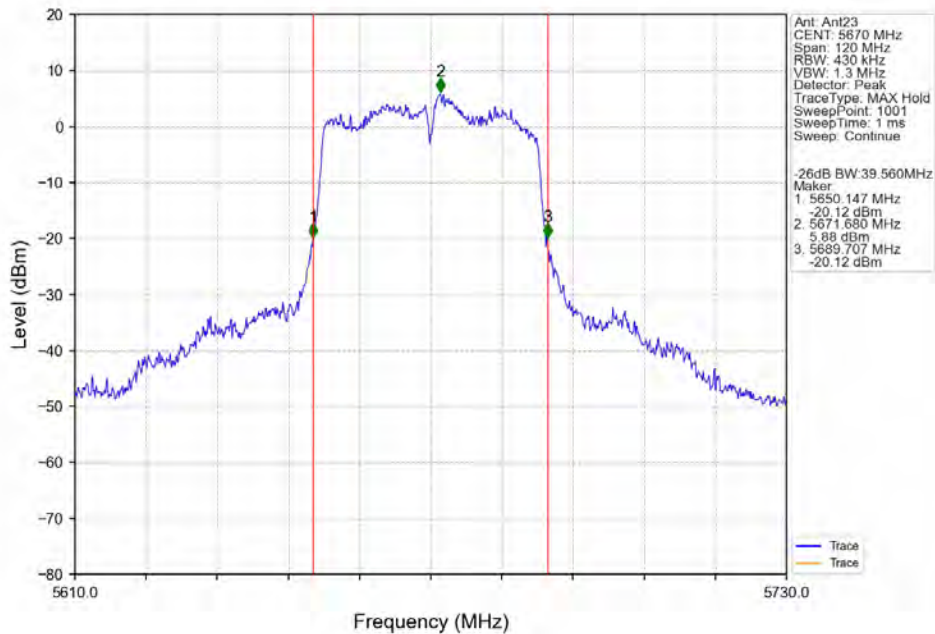
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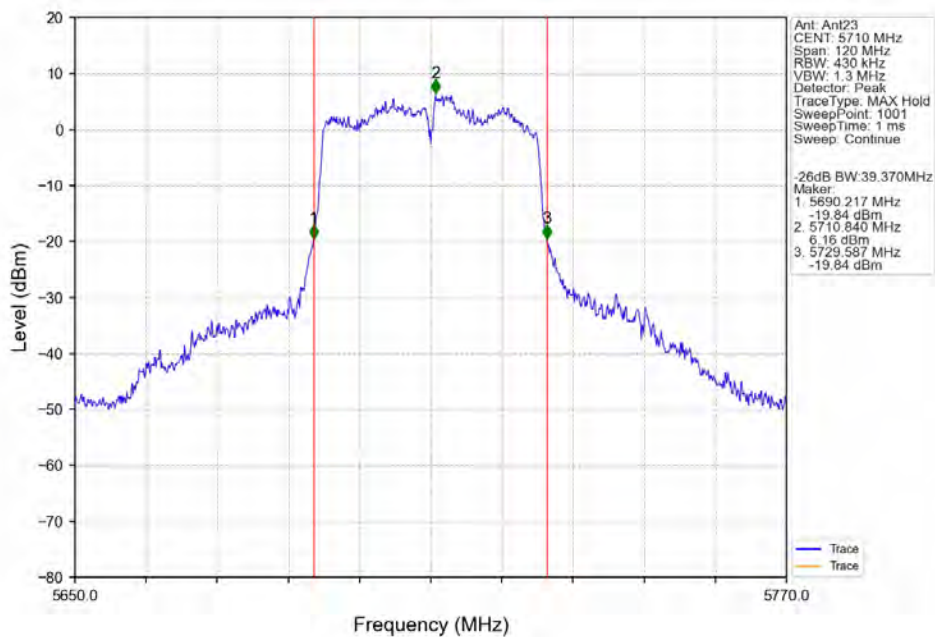
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802.11ac(VHT40)_HCH_5710MHz_Ant23_NTNV



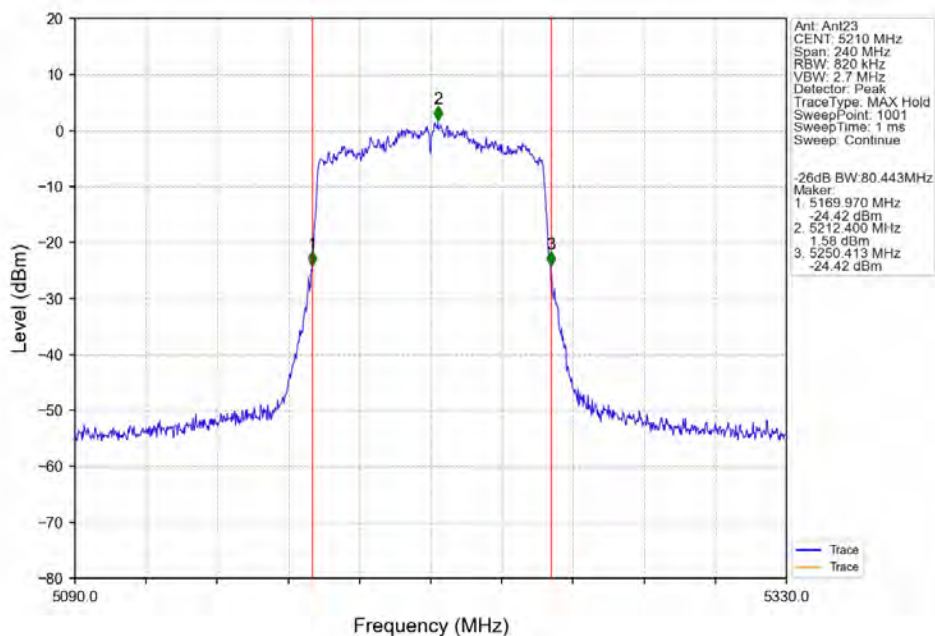
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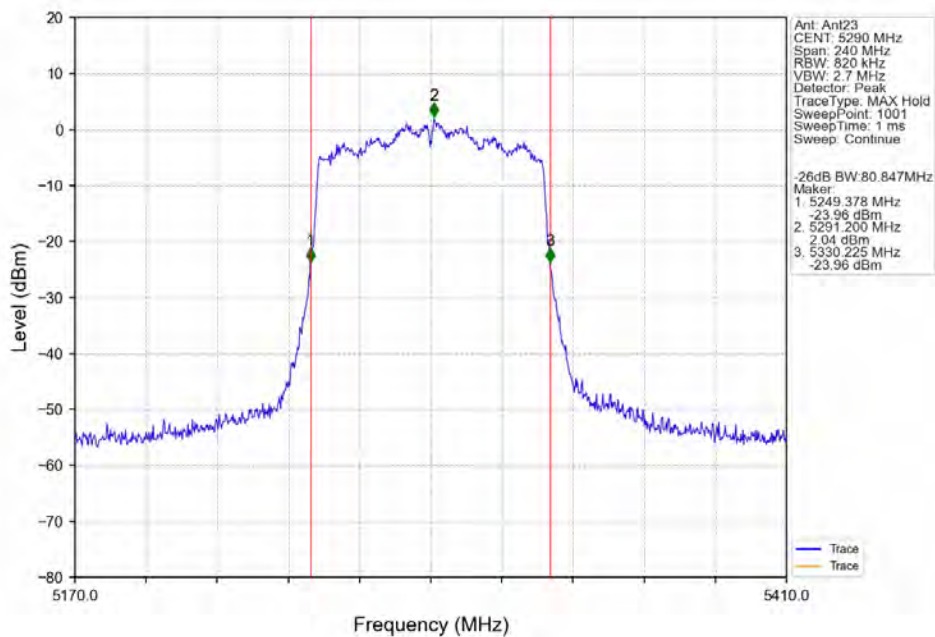
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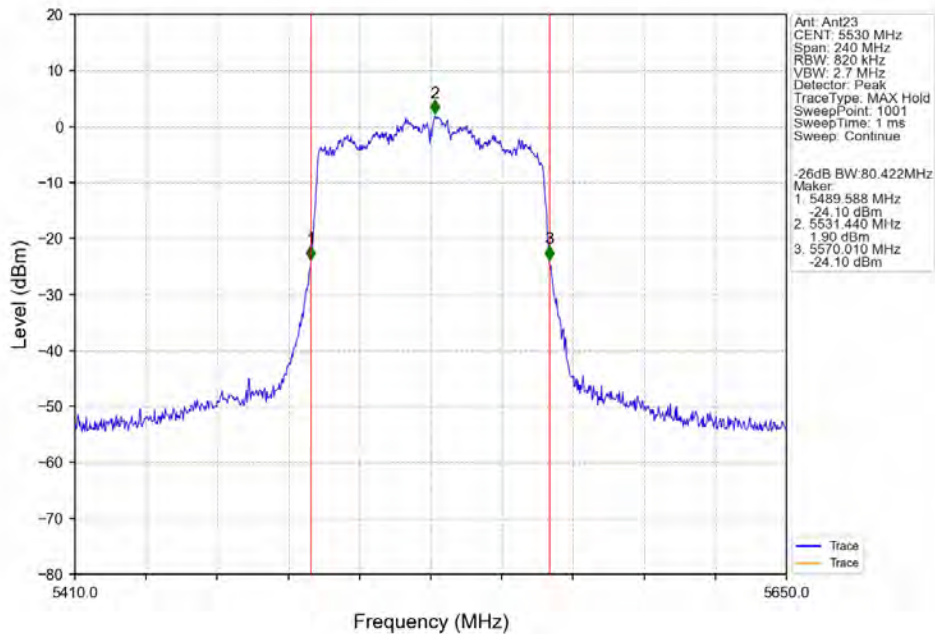
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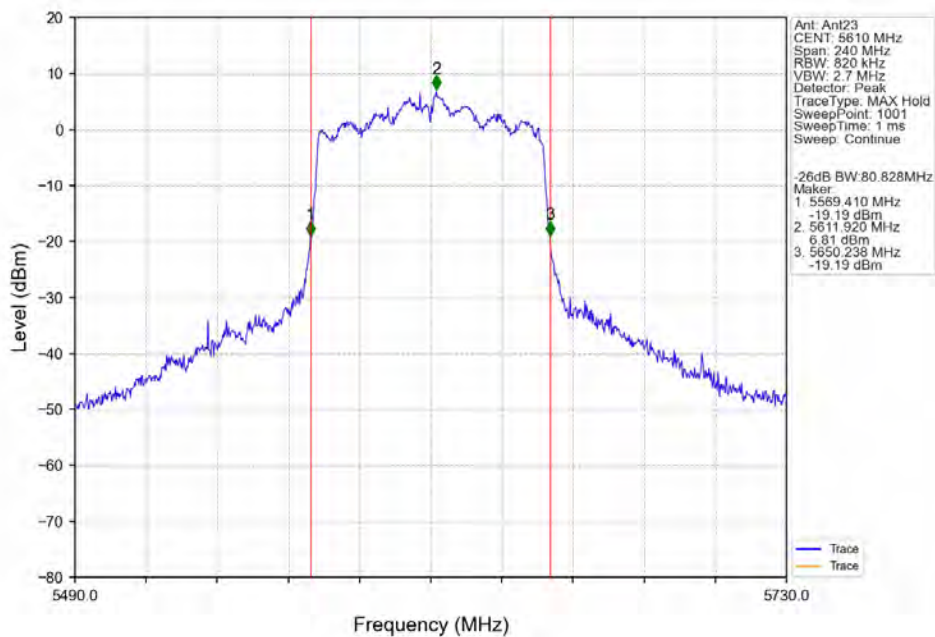
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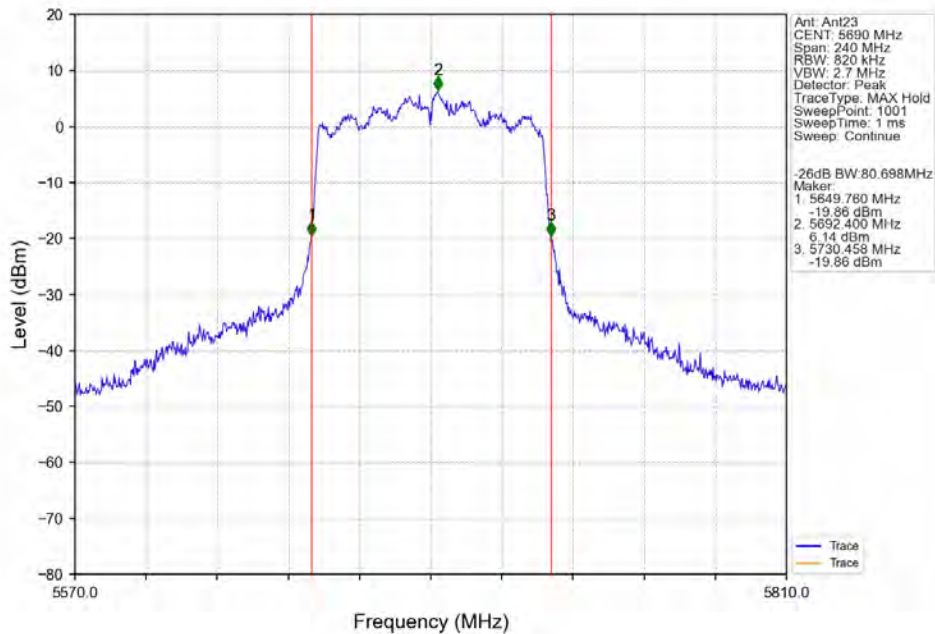
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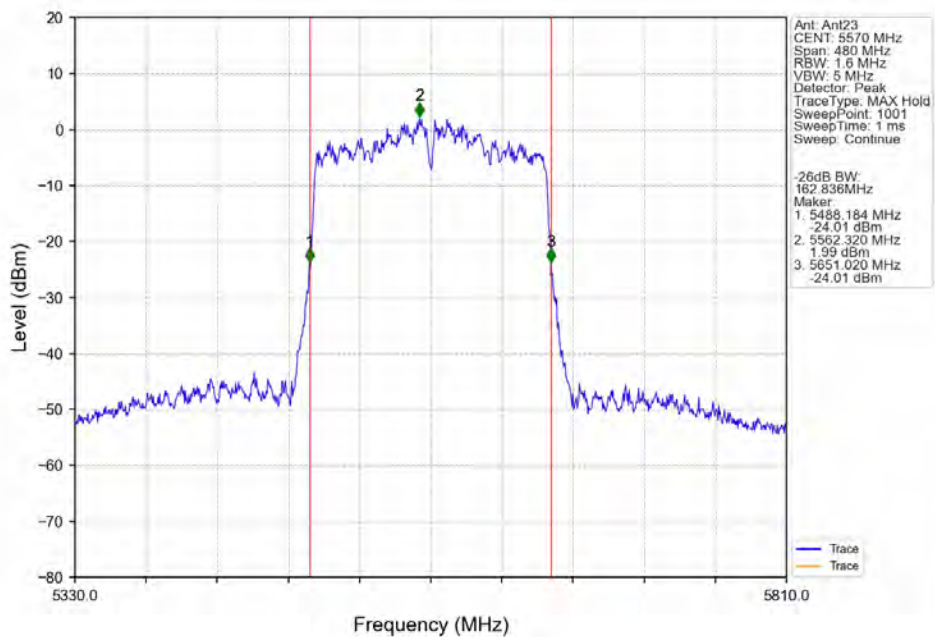
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802.11ac(VHT160)_MCH_5570MHz_Ant23_NTNV



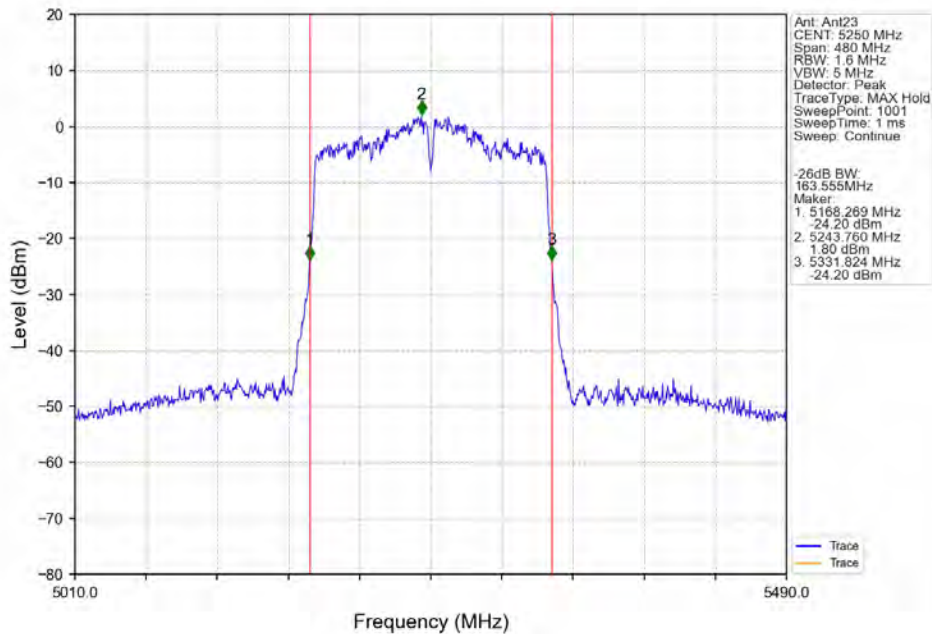
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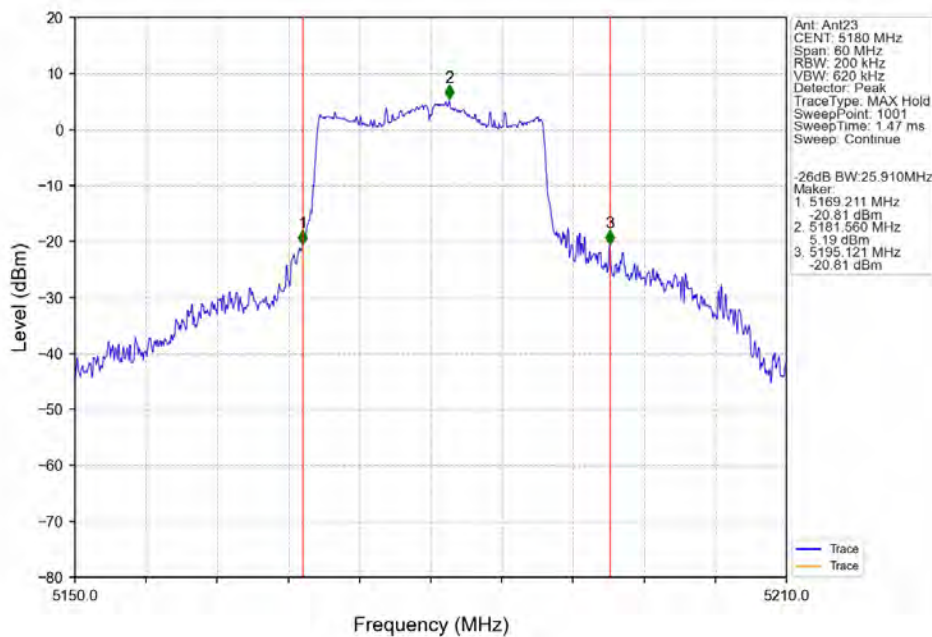
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802.11ac(VHT160)_MCH_5250MHz_Ant23_NTNV



802.11ax(HEW20)_LCH_5180MHz_SU_/_Ant23_NTNV



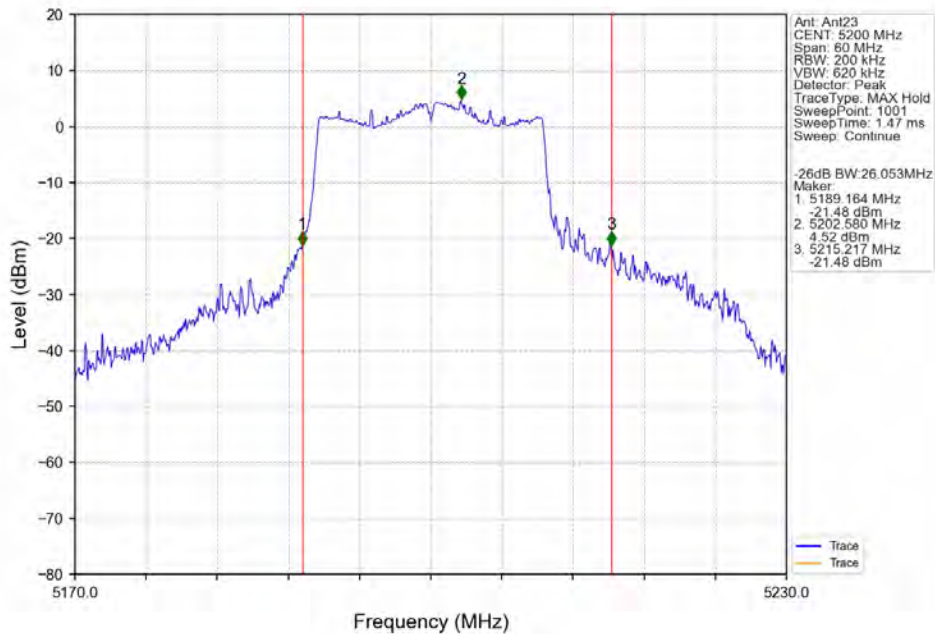
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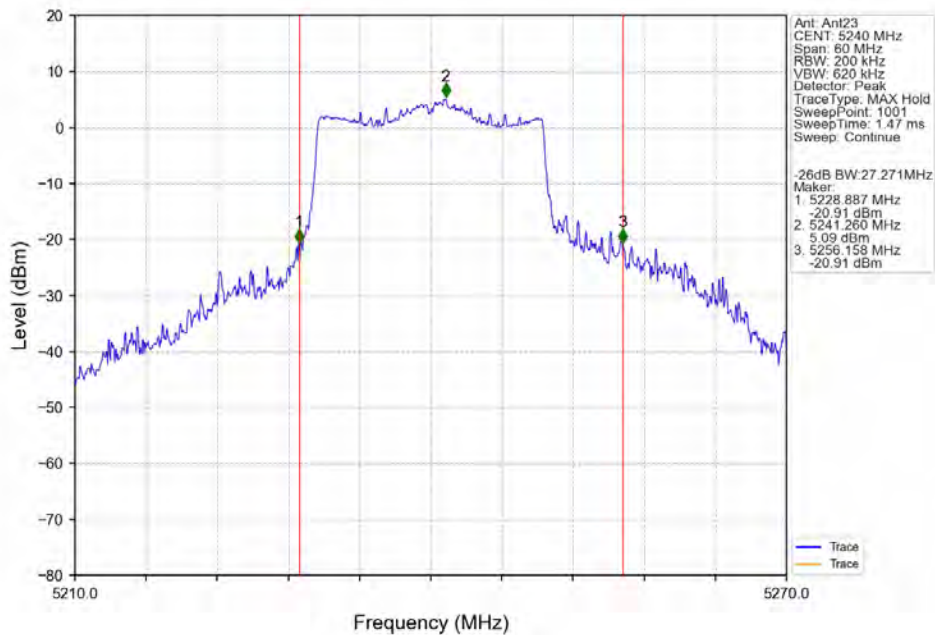
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802.11ax(HEW20)_MCH_5200MHz_SU_/_Ant23_NTNV



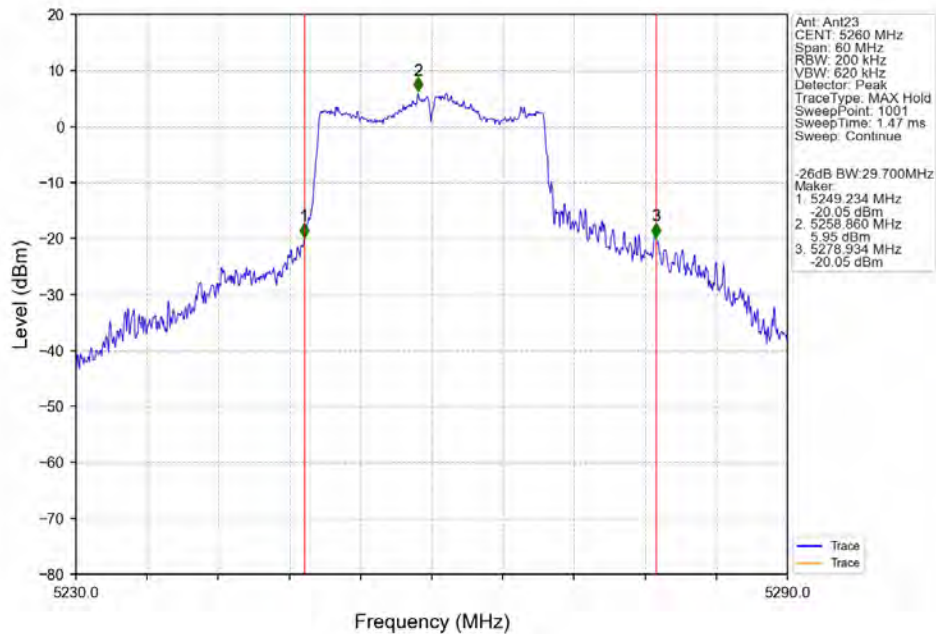
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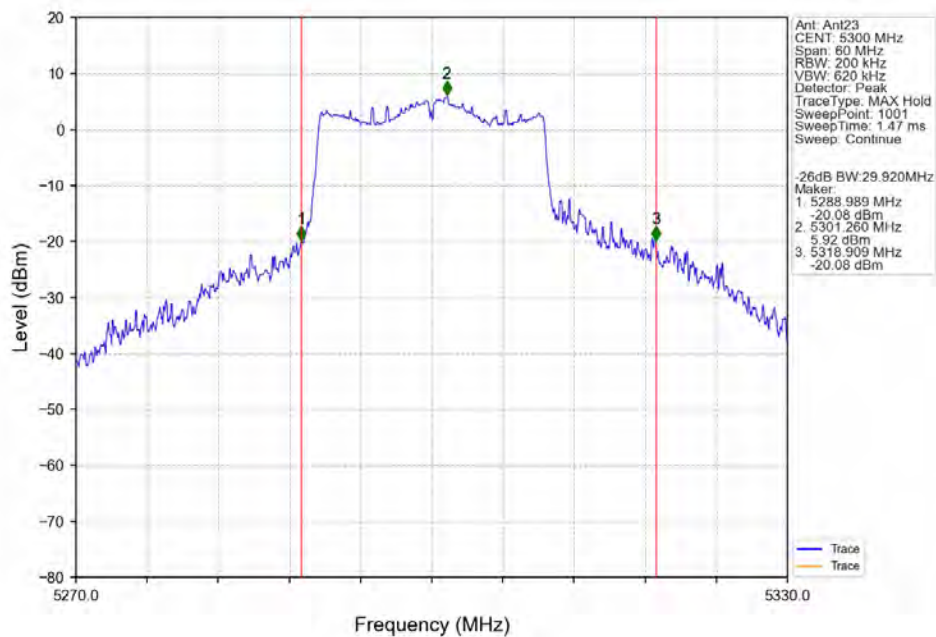
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802.11ax(HEW20)_LCH_5260MHz_SU_ / _Ant23_NTNV



802.11ax(HEW20)_MCH_5300MHz_SU_ / _Ant23_NTNV



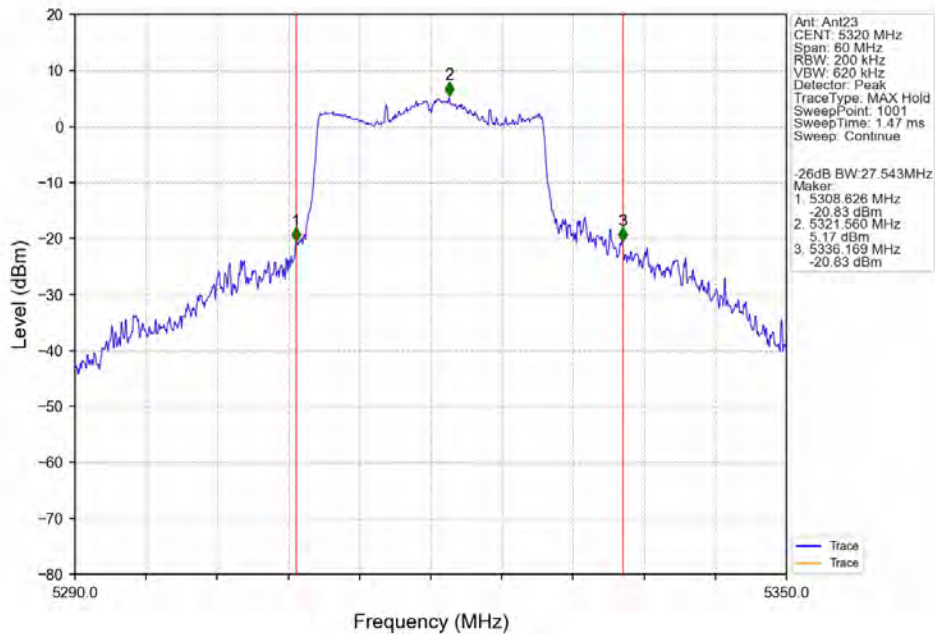
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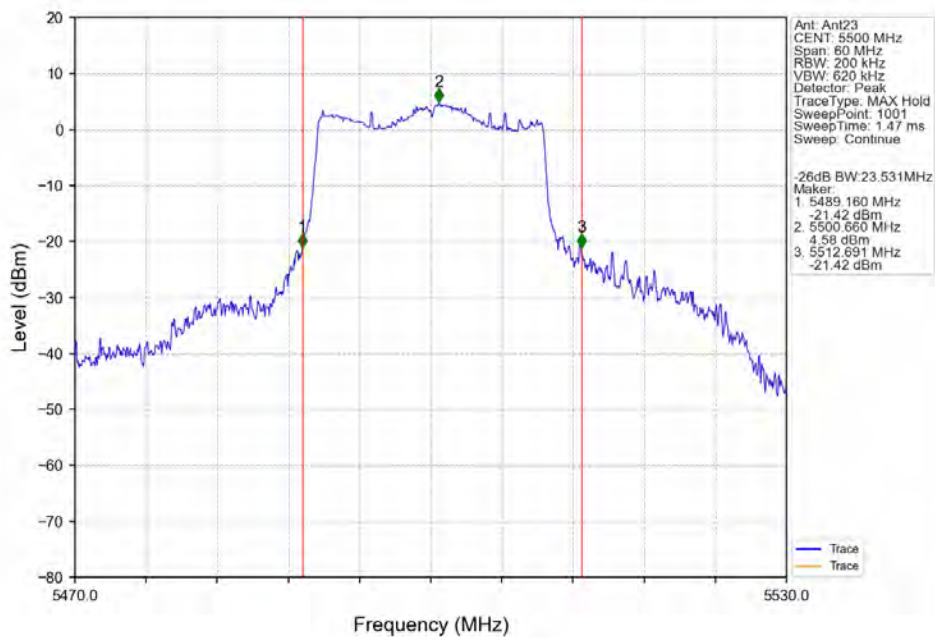
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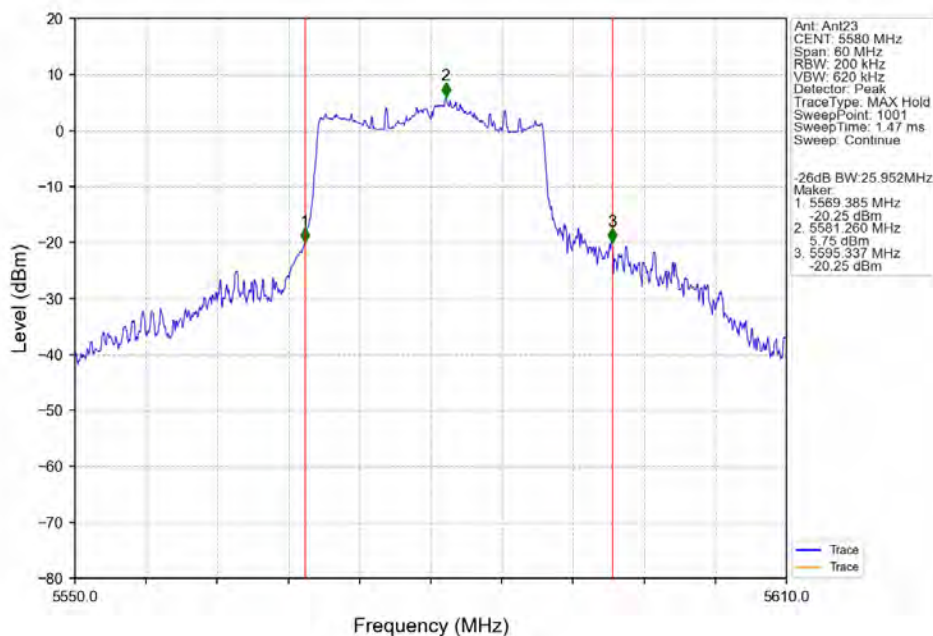
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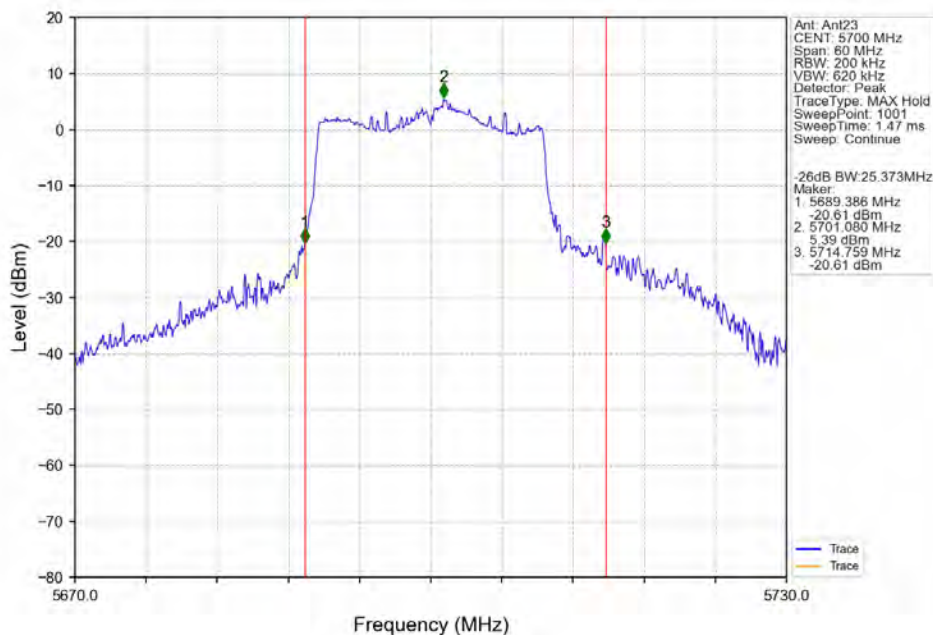
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802.11ax(HEW20)_MCH_5580MHz_SU_/_Ant23_NTNV



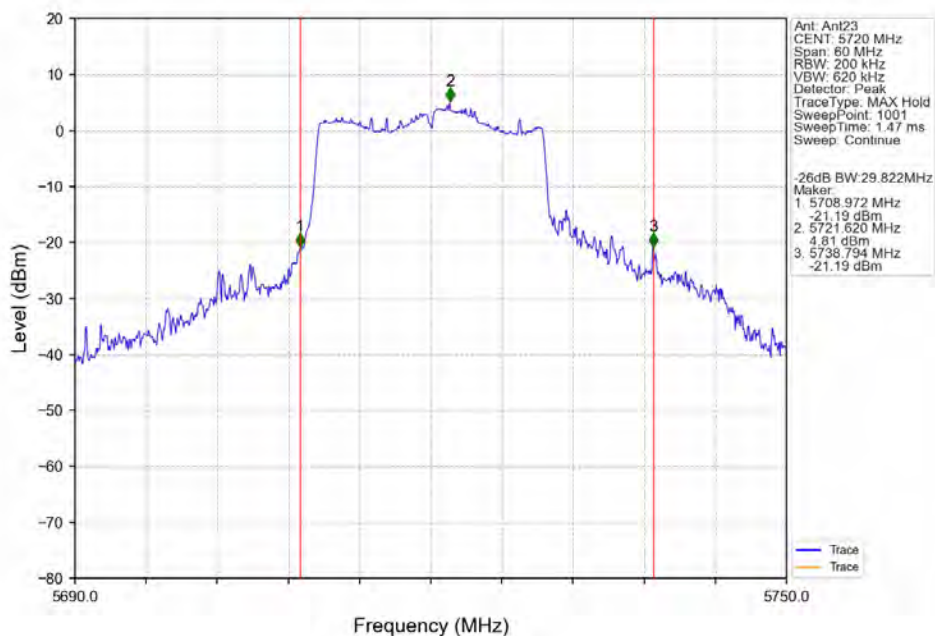
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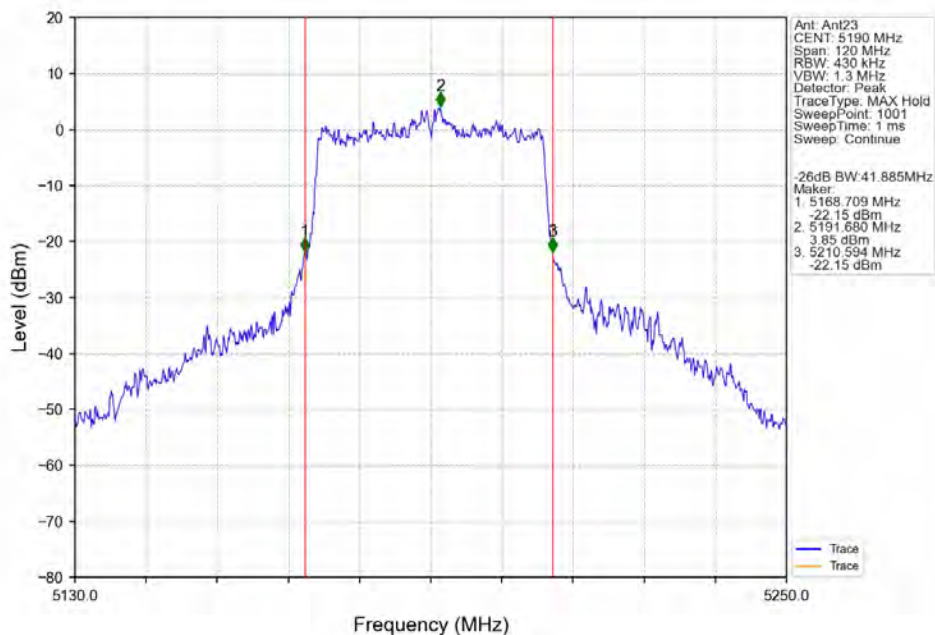
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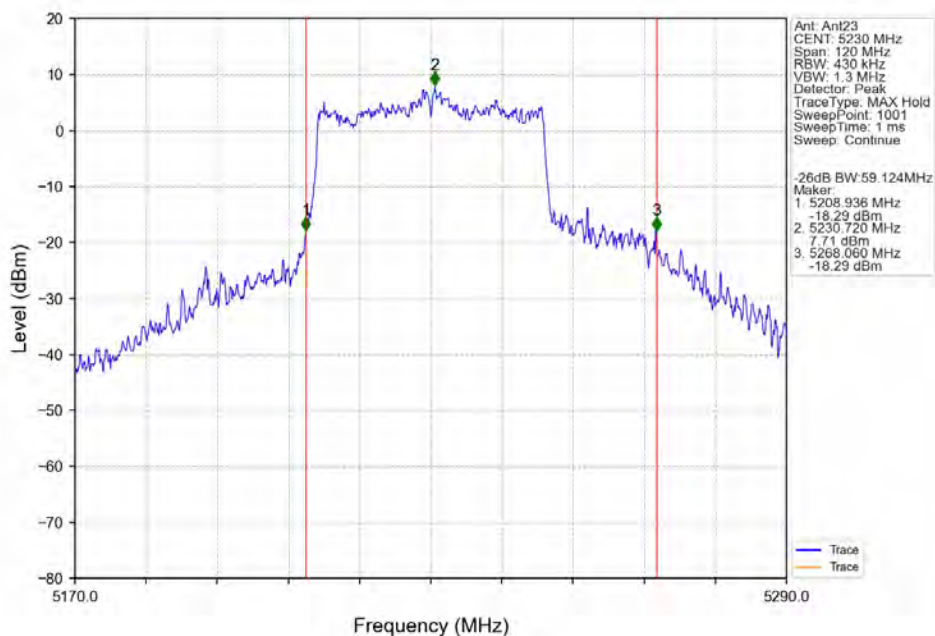
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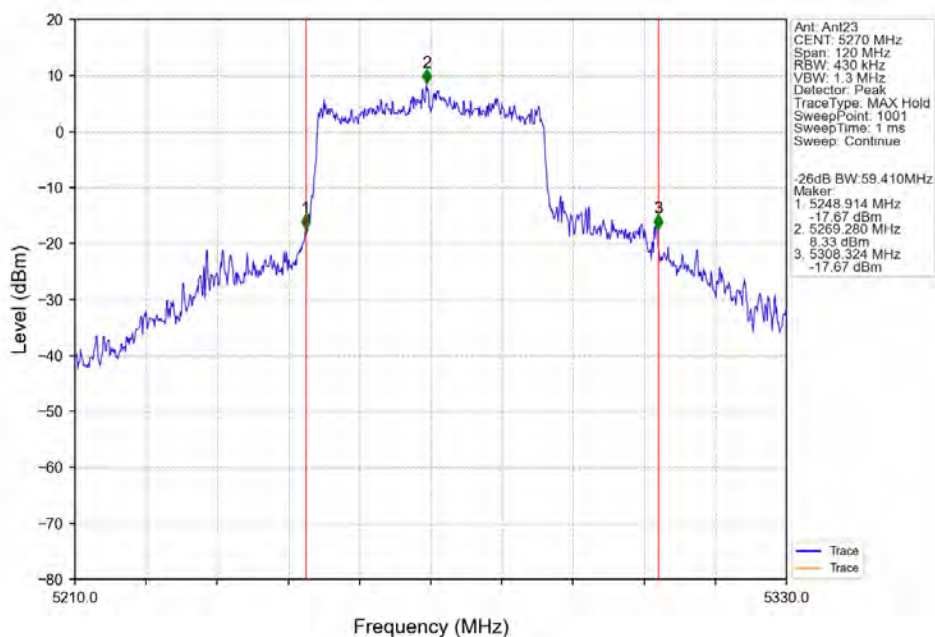
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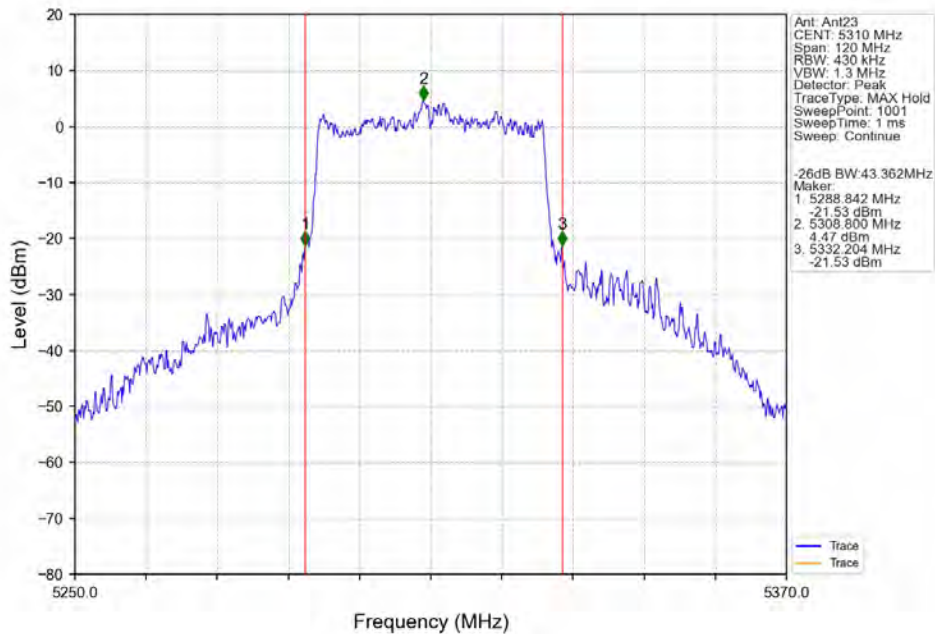
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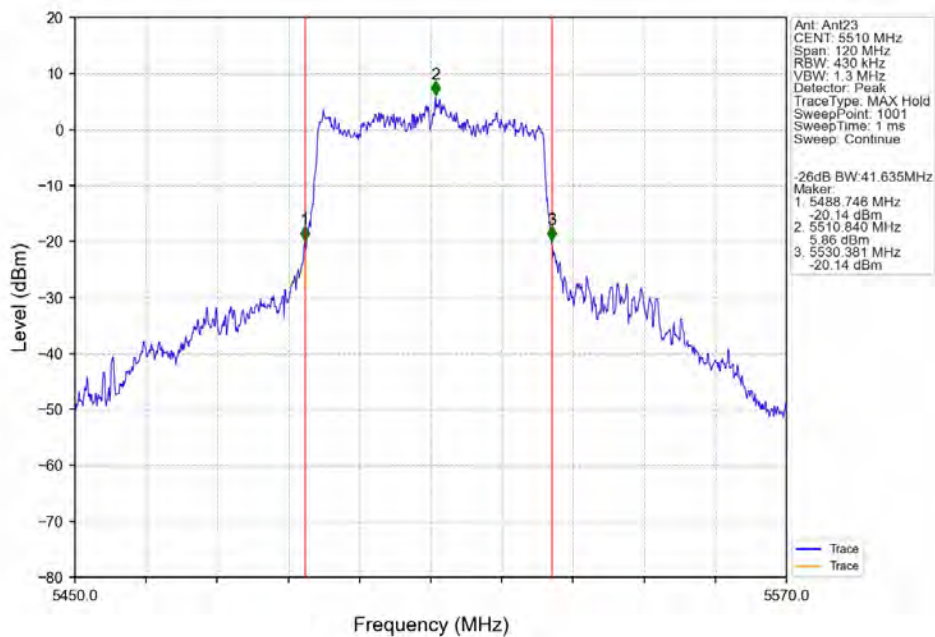
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802.11ax(HEW40)_HCH_5310MHz_SU_/_Ant23_NTNV



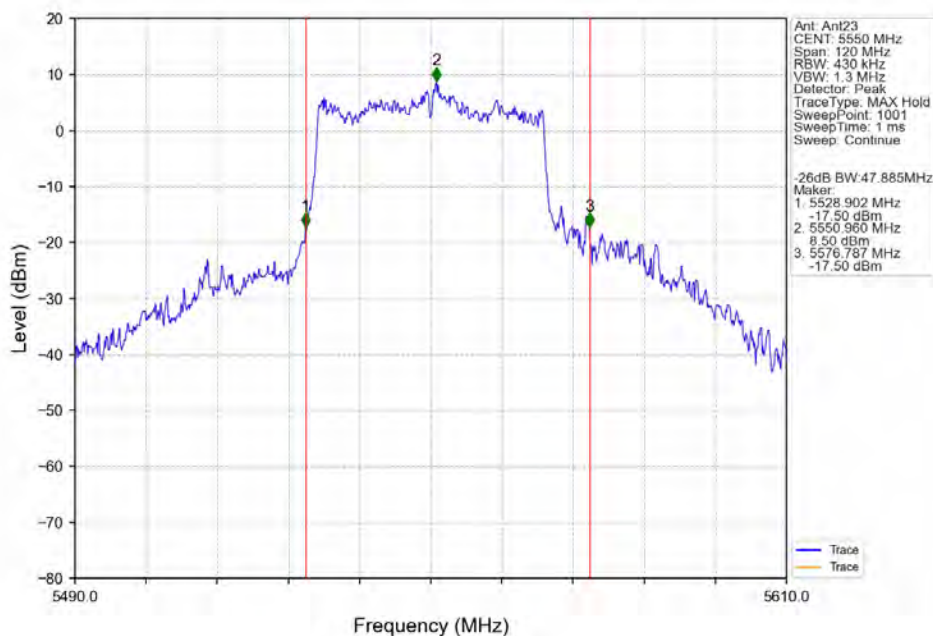
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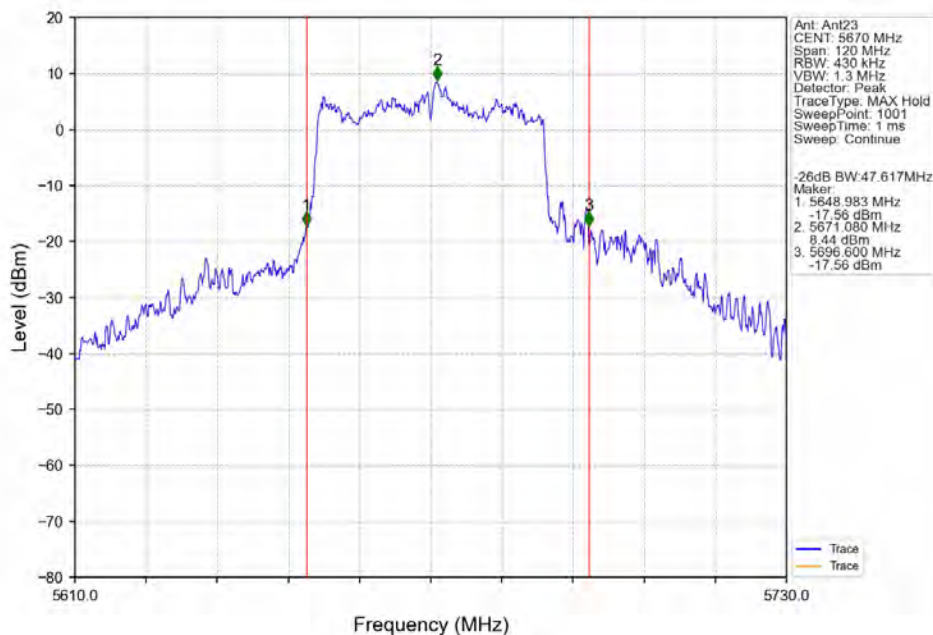
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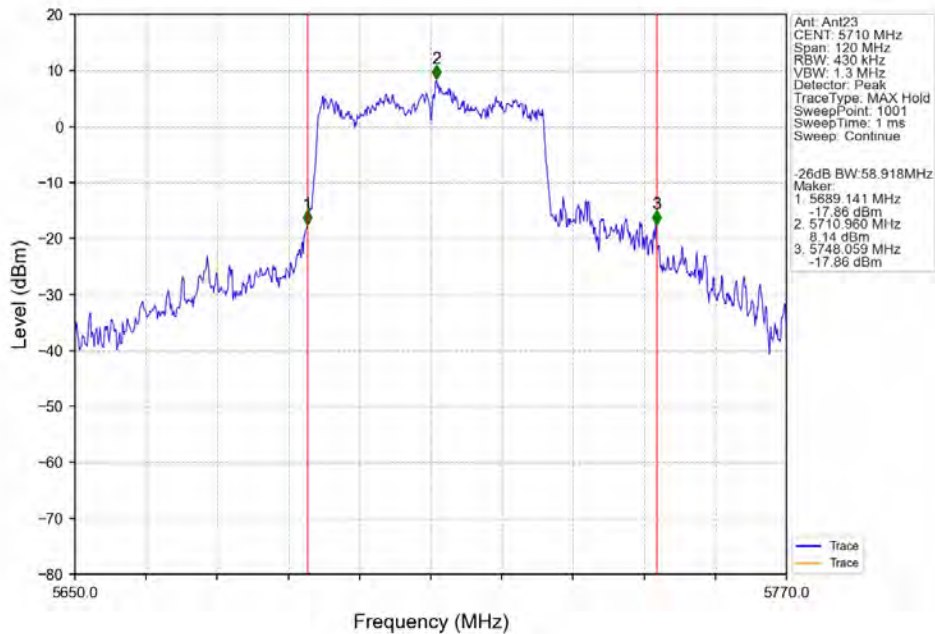
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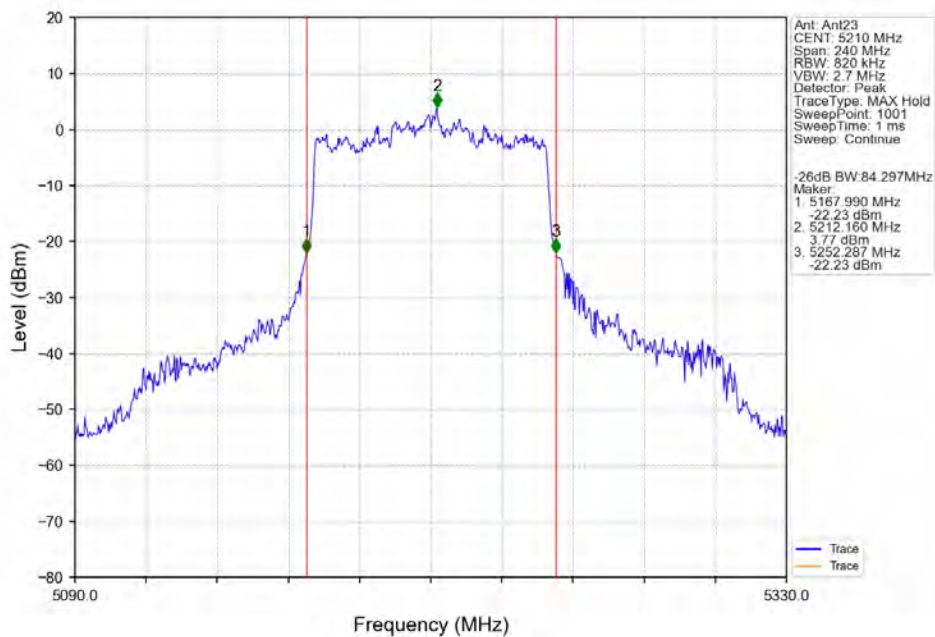
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802.11ax(HEW80)_MCH_5210MHz_SU_/_Ant23_NTNV



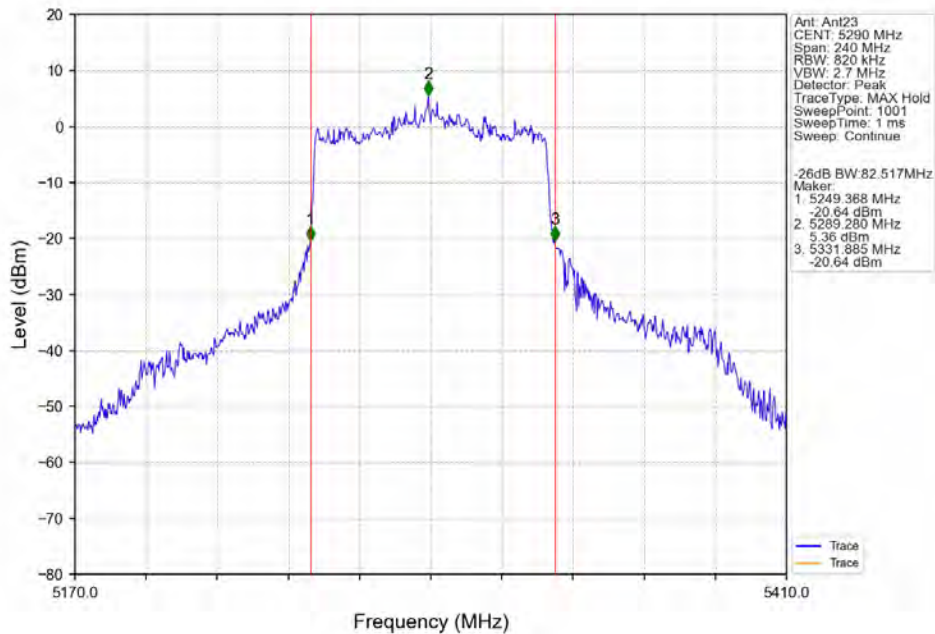
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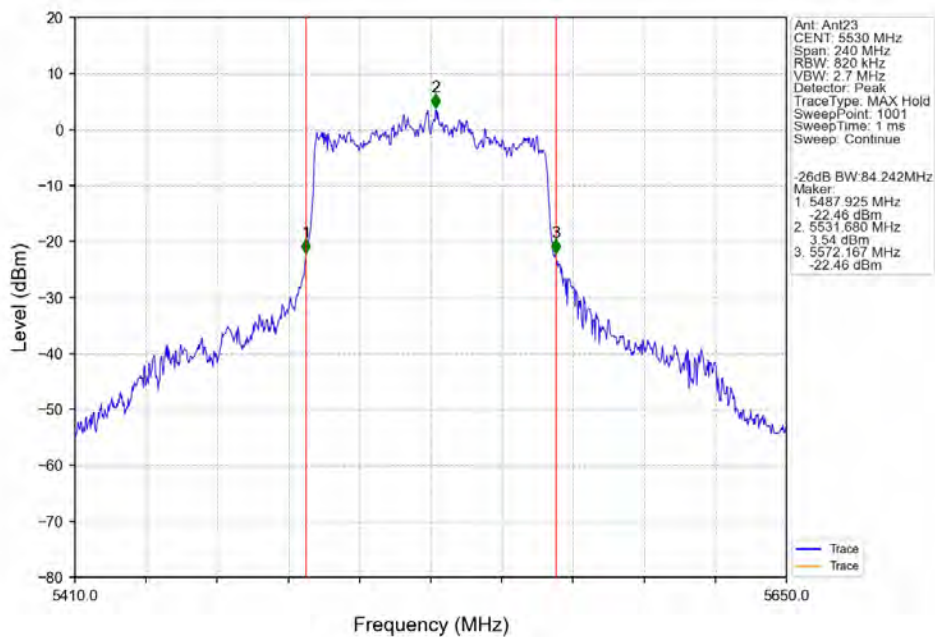
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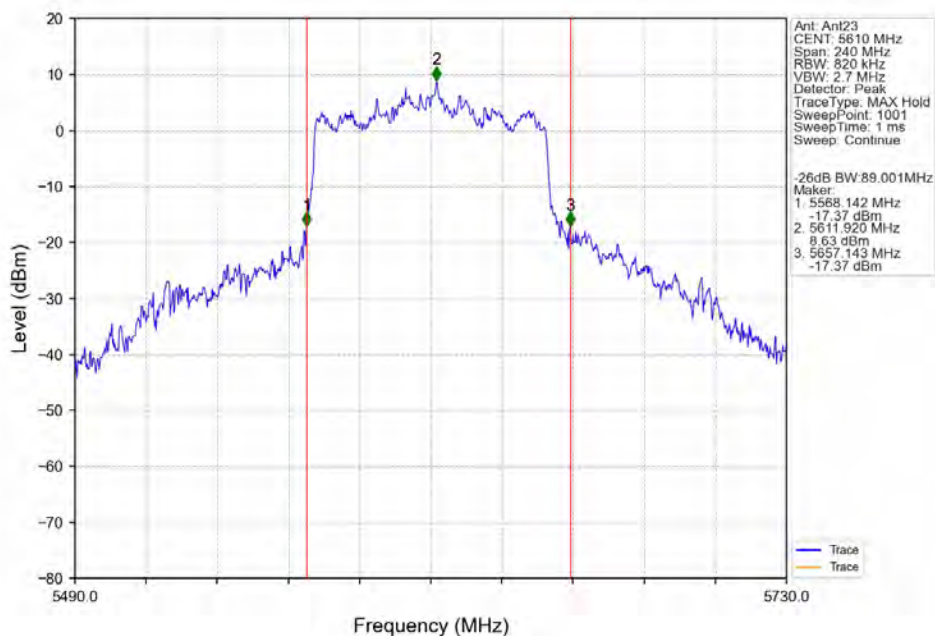
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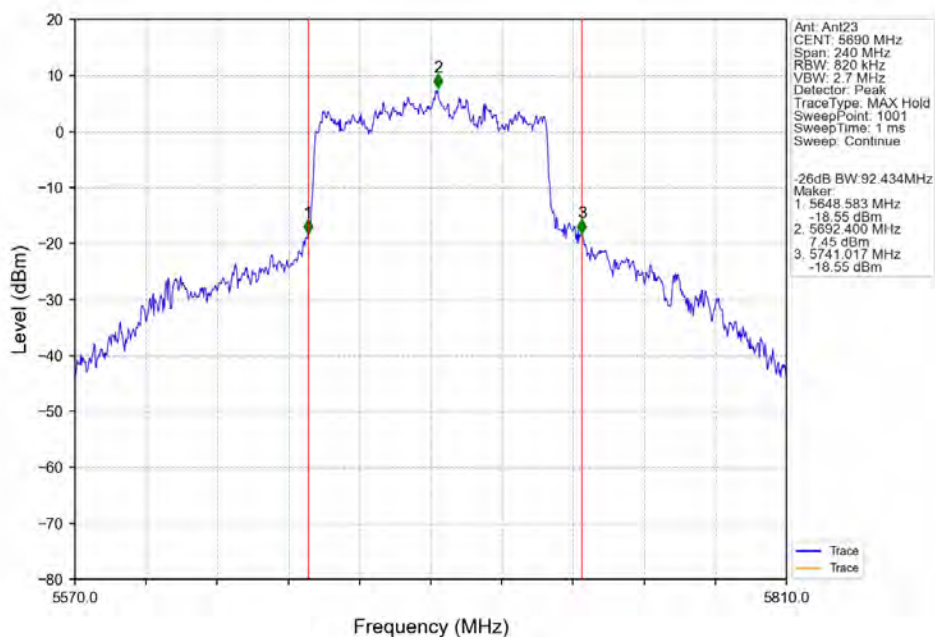
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802.11ax(HEW80)_HCH_5610MHz_SU_/_Ant23_NTNV



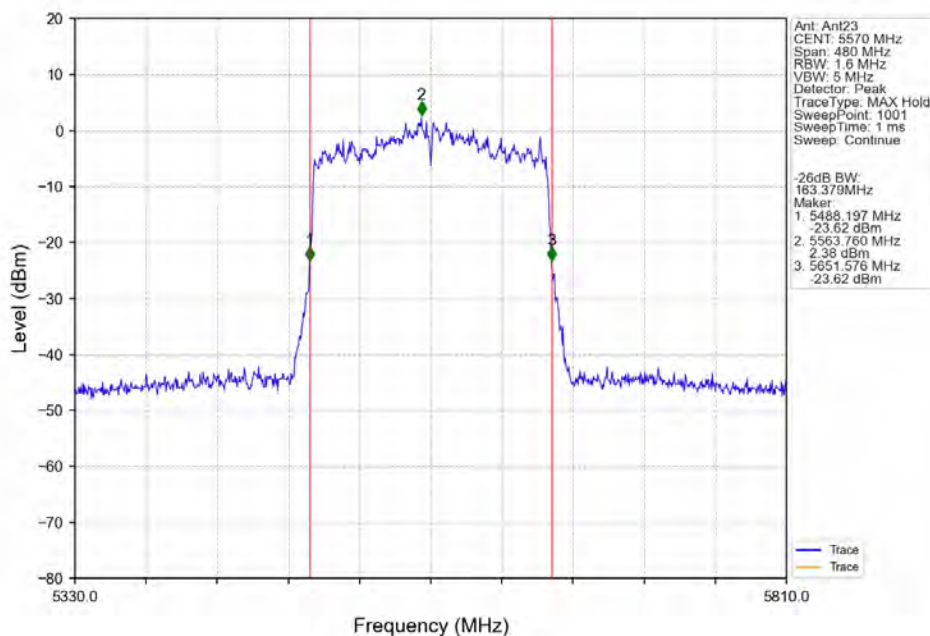
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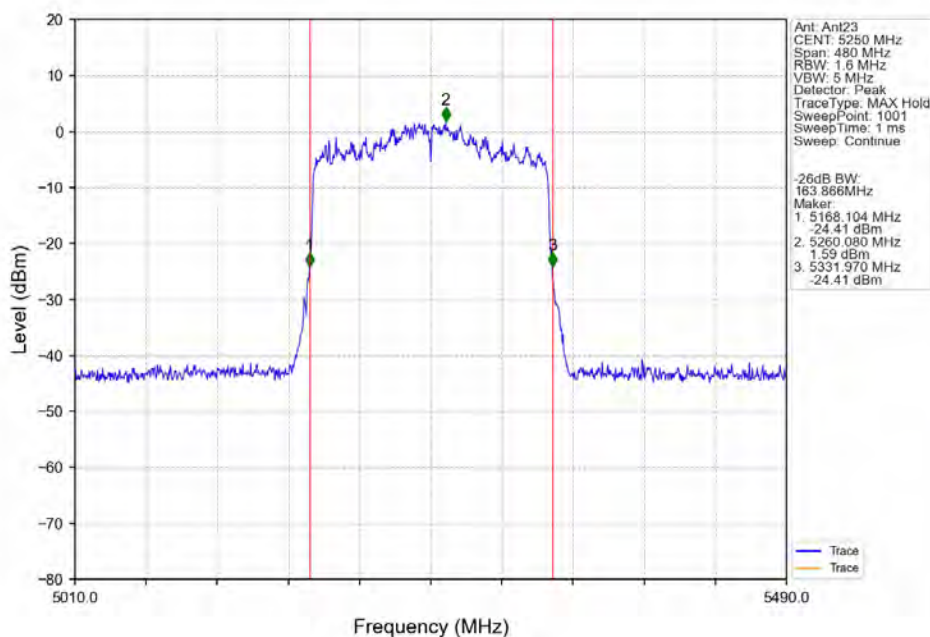
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802.11ax(HEW160)_MCH_5250MHz_SU_/_Ant23_NTNV



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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
					ANT23	ANT21	MIMO	Limit	
802.11a	MIMO	5180	/	/	13.10	13.46	16.29	<=23.98	Pass
		5200	/	/	13.13	13.65	16.41	<=23.98	Pass
		5240	/	/	13.32	13.18	16.26	<=23.98	Pass
		5260	/	/	14.14	13.97	17.07	<=23.83	Pass
		5300	/	/	13.85	13.97	16.92	<=23.75	Pass
		5320	/	/	13.33	13.12	16.24	<=23.78	Pass
		5500	/	/	13.24	13.76	16.52	<=23.65	Pass
		5580	/	/	13.68	14.02	16.86	<=23.81	Pass
		5700	/	/	13.65	13.97	16.82	<=23.67	Pass
		5745	/	/	13.83	14.40	17.13	<=30	Pass
		5785	/	/	13.66	13.90	16.79	<=30	Pass
		5825	/	/	13.91	14.52	17.24	<=30	Pass
		5720	/	/	13.85	14.25	17.06	<=23.71	Pass
802.11n (HT20)	MIMO	5180	/	/	13.20	13.51	16.37	<=23.98	Pass
		5200	/	/	13.26	13.74	16.52	<=23.98	Pass
		5240	/	/	13.45	13.31	16.39	<=23.98	Pass
		5260	/	/	13.77	13.65	16.72	<=23.96	Pass
		5300	/	/	13.50	13.60	16.56	<=23.94	Pass
		5320	/	/	13.43	13.25	16.35	<=23.98	Pass
		5500	/	/	13.31	13.32	16.33	<=23.94	Pass
		5580	/	/	13.26	13.67	16.48	<=23.9	Pass
		5700	/	/	13.33	13.67	16.51	<=23.96	Pass
		5745	/	/	13.58	14.12	16.87	<=30	Pass
		5785	/	/	13.36	13.64	16.51	<=30	Pass
		5825	/	/	13.57	14.20	16.91	<=30	Pass
		5720	/	/	13.60	14.03	16.83	<=23.97	Pass
802.11n (HT40)	MIMO	5190	/	/	10.23	10.59	13.42	<=23.98	Pass
		5230	/	/	14.04	14.08	17.07	<=23.98	Pass
		5270	/	/	14.90	14.56	17.74	<=23.98	Pass
		5310	/	/	11.15	11.02	14.10	<=23.98	Pass



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		5510	/	/	11.84	12.33	15.10	<=23.98	Pass
		5550	/	/	14.23	14.67	17.47	<=23.98	Pass
		5670	/	/	13.61	14.32	16.99	<=23.98	Pass
		5755	/	/	14.10	14.97	17.57	<=30	Pass
		5795	/	/	14.64	14.53	17.60	<=30	Pass
		5710	/	/	14.03	14.76	17.42	<=23.98	Pass
802.11ac (VHT20)	MIMO	5180	/	/	13.34	13.65	16.51	<=23.98	Pass
		5200	/	/	13.37	13.89	16.65	<=23.98	Pass
		5240	/	/	13.59	13.50	16.56	<=23.98	Pass
		5260	/	/	13.93	13.77	16.86	<=23.98	Pass
		5300	/	/	13.72	13.80	16.77	<=23.98	Pass
		5320	/	/	13.53	13.38	16.47	<=23.98	Pass
		5500	/	/	13.47	13.70	16.60	<=23.95	Pass
		5580	/	/	13.32	13.91	16.64	<=23.98	Pass
		5700	/	/	13.36	13.72	16.55	<=23.98	Pass
		5745	/	/	13.60	14.19	16.92	<=30	Pass
		5785	/	/	13.40	13.71	16.57	<=30	Pass
		5825	/	/	13.68	14.35	17.04	<=30	Pass
802.11ac (VHT40)	MIMO	5720	/	/	13.77	14.30	17.05	<=23.96	Pass
		5190	/	/	10.31	10.54	13.44	<=23.98	Pass
		5230	/	/	14.11	14.12	17.13	<=23.98	Pass
		5270	/	/	14.97	14.73	17.86	<=23.98	Pass
		5310	/	/	11.37	11.11	14.25	<=23.98	Pass
		5510	/	/	10.55	10.98	13.78	<=23.98	Pass
		5550	/	/	14.59	14.55	17.58	<=23.98	Pass
		5670	/	/	13.72	14.42	17.09	<=23.98	Pass
		5755	/	/	14.46	14.82	17.65	<=30	Pass
802.11ac (VHT80)	MIMO	5795	/	/	14.98	14.34	17.68	<=30	Pass
		5710	/	/	14.39	14.50	17.46	<=23.98	Pass
		5210	/	/	9.40	9.35	12.39	<=23.98	Pass
		5290	/	/	9.60	9.51	12.57	<=23.98	Pass
		5530	/	/	10.01	10.42	13.23	<=23.98	Pass
		5610	/	/	14.07	14.23	17.16	<=23.98	Pass
802.11ac (VHT160)	MIMO	5775	/	/	13.83	14.11	16.98	<=30	Pass
		5690	/	/	13.69	13.91	16.81	<=23.98	Pass
802.11ax (HEW20)	MIMO	5570	/	/	8.48	8.76	11.63	<=23.98	Pass
		5250	/	/	8.58	8.17	11.39	<=23.98	Pass
		5180	RU26	Left	7.08	7.40	10.25	<=23.98	Pass
			RU52	Left	9.16	9.34	12.26	<=23.98	Pass
			RU106	Left	11.46	11.02	14.26	<=23.98	Pass



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		SU	/	13.71	13.66	16.70	<=23.98	Pass
	5200	RU26	Mid	8.62	8.53	11.59	<=23.98	Pass
		RU52	Mid	9.67	9.38	12.54	<=23.98	Pass
		RU106	Left	11.70	11.45	14.59	<=23.98	Pass
		SU	/	13.82	13.93	16.89	<=23.98	Pass
	5240	RU26	Right	7.88	7.44	10.68	<=23.98	Pass
		RU52	Right	9.29	9.11	12.21	<=23.98	Pass
		RU106	Right	11.66	11.03	14.37	<=23.98	Pass
		SU	/	13.95	13.45	16.72	<=23.98	Pass
	5260	RU26	Left	8.15	7.96	11.07	<=23.98	Pass
		RU52	Left	9.69	9.14	12.43	<=23.98	Pass
		RU106	Left	11.87	11.46	14.68	<=23.98	Pass
		SU	/	14.47	14.30	17.40	<=23.98	Pass
	5300	RU26	Mid	8.59	8.80	11.71	<=23.98	Pass
		RU52	Mid	9.70	10.01	12.87	<=23.98	Pass
		RU106	Left	11.63	11.41	14.53	<=23.98	Pass
		SU	/	14.71	14.29	17.52	<=23.98	Pass
	5320	RU26	Right	7.58	7.32	10.46	<=23.98	Pass
		RU52	Right	9.17	9.15	12.17	<=23.98	Pass
		RU106	Right	11.06	11.39	14.24	<=23.98	Pass
		SU	/	14.17	13.79	16.99	<=23.98	Pass
	5500	RU26	Left	6.58	6.21	9.41	<=23.98	Pass
		RU52	Left	8.72	8.80	11.77	<=23.98	Pass
		RU106	Left	10.42	10.46	13.45	<=23.98	Pass
		SU	/	13.83	14.02	16.94	<=23.98	Pass
	5580	RU26	Mid	7.84	7.81	10.84	<=23.98	Pass
		RU52	Mid	8.40	8.76	11.59	<=23.98	Pass
		RU106	Left	10.20	10.76	13.50	<=23.98	Pass
		SU	/	13.88	14.30	17.11	<=23.98	Pass
	5700	RU26	Right	6.29	6.91	9.62	<=23.98	Pass
		RU52	Right	8.29	8.26	11.29	<=23.98	Pass
		RU106	Right	10.31	10.85	13.60	<=23.98	Pass
		SU	/	13.44	13.66	16.56	<=23.98	Pass
	5745	RU26	Left	13.94	13.28	16.63	<=30	Pass
		RU52	Left	13.96	13.88	16.93	<=30	Pass
		RU106	Left	13.46	14.12	16.81	<=30	Pass
		SU	/	14.10	14.56	17.35	<=30	Pass
	5785	RU26	Mid	13.73	13.86	16.81	<=30	Pass
		RU52	Mid	13.49	14.20	16.87	<=30	Pass
		RU106	Left	13.74	13.63	16.70	<=30	Pass



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802.11ax (HEW40)	MIMO	5825	SU	/	14.34	14.09	17.23	<=30	Pass
			RU26	Right	13.14	13.43	16.30	<=30	Pass
			RU52	Right	13.69	13.90	16.81	<=30	Pass
			RU106	Right	14.08	13.87	16.99	<=30	Pass
		5720	SU	/	14.35	14.48	17.43	<=30	Pass
			RU26	Right	6.22	6.76	9.51	<=23.98	Pass
			RU52	Right	8.44	8.68	11.57	<=23.98	Pass
			RU106	Right	10.49	10.46	13.49	<=23.98	Pass
			SU	/	13.45	14.50	17.02	<=23.98	Pass
		5190	RU242	Left	14.07	13.93	17.01	<=23.98	Pass
			SU	/	10.48	10.21	13.36	<=23.98	Pass
802.11ax (HEW80)	MIMO	5230	RU242	Right	14.48	13.66	17.10	<=23.98	Pass
			SU	/	14.31	13.85	17.10	<=23.98	Pass
		5270	RU242	Left	14.96	14.85	17.92	<=23.98	Pass
			SU	/	14.97	14.86	17.93	<=23.98	Pass
		5310	RU242	Right	14.81	14.46	17.65	<=23.98	Pass
			SU	/	11.21	11.05	14.14	<=23.98	Pass
		5510	RU242	Left	14.29	14.86	17.59	<=23.98	Pass
			SU	/	11.62	12.25	14.96	<=23.98	Pass
		5550	RU242	Left	14.28	14.44	17.37	<=23.98	Pass
			SU	/	14.20	14.27	17.25	<=23.98	Pass
		5670	RU242	Right	14.43	14.04	17.25	<=23.98	Pass
			SU	/	14.32	14.05	17.20	<=23.98	Pass
		5755	RU242	Left	14.67	14.98	17.84	<=30	Pass
			SU	/	14.80	14.82	17.82	<=30	Pass
		5795	RU242	Right	14.99	14.26	17.65	<=30	Pass
			SU	/	14.76	14.31	17.55	<=30	Pass
		5710	RU242	Right	14.73	14.58	17.67	<=23.98	Pass
			SU	/	14.38	14.49	17.45	<=23.98	Pass
	MIMO	5210	RU484	Left	13.57	13.56	16.58	<=23.98	Pass
				Right	13.93	13.55	16.75	<=23.98	Pass
			SU	/	9.67	9.56	12.63	<=23.98	Pass
		5290	RU484	Left	14.52	14.37	17.46	<=23.98	Pass
				Right	14.91	14.74	17.84	<=23.98	Pass
			SU	/	10.65	10.13	13.41	<=23.98	Pass
		5530	RU484	Left	14.32	14.86	17.61	<=23.98	Pass
			SU	/	10.25	10.58	13.43	<=23.98	Pass
		5610	RU484	Right	14.25	14.26	17.27	<=23.98	Pass
			SU	/	14.21	14.33	17.28	<=23.98	Pass
		5775	RU484	Left	13.93	14.27	17.11	<=30	Pass



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		5690		Right	14.09	14.20	17.16	<=30	Pass
			SU	/	13.95	14.11	17.04	<=30	Pass
			RU484	Right	13.87	13.97	16.93	<=23.98	Pass
			SU	/	13.84	13.92	16.89	<=23.98	Pass
802.11ax (HEW160)	MIMO	5570	RU996	Left	13.74	13.97	16.87	<=23.98	Pass
				Right	13.83	13.79	16.82	<=23.98	Pass
			SU	/	8.50	8.80	11.66	<=23.98	Pass
		5250	RU996	Left	13.83	13.59	16.72	<=23.98	Pass
				Right	13.54	13.52	16.54	<=23.98	Pass
			SU	/	8.55	8.17	11.37	<=23.98	Pass

Note1: Antenna Gain: Ant23: 1.36dBi; Ant21: -0.50dBi;

Note2: Directional Gain: 1.36dBi, 0.68dBi, 1.3dBi, 1.24dBi

4. Maximum Power Spectral Density

4.1 Test Result

4.1.1 PSD

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/MHz)				Verdict
					ANT23	ANT21	MIMO	Limit	
802.11a	MIMO	5180	/	/	3.62	3.67	6.50	<=11	Pass
		5200	/	/	3.76	3.85	6.67	<=11	Pass
		5240	/	/	3.93	3.63	6.52	<=11	Pass
		5260	/	/	4.75	4.34	7.32	<=11	Pass
		5300	/	/	4.58	4.32	7.23	<=11	Pass
		5320	/	/	4.14	3.47	6.63	<=11	Pass
		5500	/	/	4.29	4.03	6.97	<=11	Pass
		5580	/	/	4.70	4.64	7.33	<=11	Pass
		5700	/	/	4.70	4.30	7.33	<=11	Pass
		5720	/	/	4.97	4.68	7.60	<=11	Pass
802.11n (HT20)	MIMO	5180	/	/	3.97	3.64	6.71	<=11	Pass
		5200	/	/	3.84	3.92	6.64	<=11	Pass
		5240	/	/	4.28	3.50	6.73	<=11	Pass
		5260	/	/	4.55	3.80	7.11	<=11	Pass
		5300	/	/	4.17	3.82	6.77	<=11	Pass
		5320	/	/	4.23	3.33	6.72	<=11	Pass
		5500	/	/	4.26	3.51	6.66	<=11	Pass
		5580	/	/	4.26	3.81	6.92	<=11	Pass
		5700	/	/	4.13	4.08	6.89	<=11	Pass
		5720	/	/	4.37	4.42	7.15	<=11	Pass
802.11n (HT40)	MIMO	5190	/	/	-2.14	-2.11	0.68	<=11	Pass
		5230	/	/	1.82	1.58	4.39	<=11	Pass
		5270	/	/	2.83	1.98	5.17	<=11	Pass
		5310	/	/	-0.84	-1.68	1.53	<=11	Pass
		5510	/	/	-0.14	-0.36	2.65	<=11	Pass
		5550	/	/	2.20	2.16	4.81	<=11	Pass
		5670	/	/	1.92	1.73	4.64	<=11	Pass
		5710	/	/	2.08	2.21	5.01	<=11	Pass
802.11ac (VHT20)	MIMO	5180	/	/	3.80	3.91	6.71	<=11	Pass
		5200	/	/	3.99	4.14	6.87	<=11	Pass
		5240	/	/	4.31	3.69	6.79	<=11	Pass
		5260	/	/	4.55	3.88	7.10	<=11	Pass



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		5300	/	/	4.52	3.94	7.05	<=11	Pass
		5320	/	/	4.31	3.54	6.80	<=11	Pass
		5500	/	/	4.29	3.86	6.96	<=11	Pass
		5580	/	/	4.30	4.14	7.09	<=11	Pass
		5700	/	/	4.20	4.12	6.97	<=11	Pass
		5720	/	/	4.56	4.61	7.46	<=11	Pass
802.11ac (VHT40)	MIMO	5190	/	/	-2.01	-2.01	0.83	<=11	Pass
		5230	/	/	1.93	1.51	4.45	<=11	Pass
		5270	/	/	2.86	2.17	5.31	<=11	Pass
		5310	/	/	-0.71	-1.47	1.84	<=11	Pass
		5510	/	/	-1.40	-1.39	1.31	<=11	Pass
		5550	/	/	2.43	1.90	4.98	<=11	Pass
		5670	/	/	1.83	2.02	4.68	<=11	Pass
802.11ac (VHT80)	MIMO	5710	/	/	2.32	2.01	4.91	<=11	Pass
		5210	/	/	-5.35	-5.75	-2.78	<=11	Pass
		5290	/	/	-5.32	-5.31	-2.62	<=11	Pass
		5530	/	/	-4.47	-4.61	-1.74	<=11	Pass
		5610	/	/	-0.31	-0.81	2.26	<=11	Pass
802.11ac (VHT160)	MIMO	5690	/	/	-0.81	-1.24	1.74	<=11	Pass
		5570	/	/	-9.44	-9.53	-6.84	<=11	Pass
802.11ax (HEW20)	MIMO	5250	/	/	-9.26	-10.25	-6.96	<=11	Pass
		5180	RU26	Left	4.88	5.10	7.98	<=11	Pass
			RU52	Left	4.12	3.99	7.01	<=11	Pass
			RU106	Left	3.45	3.62	6.53	<=11	Pass
			SU	/	3.72	3.18	6.45	<=11	Pass
		5200	RU26	Mid	4.89	4.70	7.62	<=11	Pass
			RU52	Mid	4.95	4.38	7.65	<=11	Pass
			RU106	Left	3.77	4.06	6.85	<=11	Pass
			SU	/	3.74	3.45	6.51	<=11	Pass
		5240	RU26	Right	5.23	4.77	8.01	<=11	Pass
			RU52	Right	4.01	3.58	6.78	<=11	Pass
			RU106	Right	4.48	3.17	6.86	<=11	Pass
			SU	/	3.97	3.02	6.34	<=11	Pass
		5260	RU26	Left	5.46	5.40	8.36	<=11	Pass
			RU52	Left	4.47	3.70	7.11	<=11	Pass
			RU106	Left	4.06	4.03	7.00	<=11	Pass
			SU	/	4.50	3.83	6.83	<=11	Pass
		5300	RU26	Mid	4.90	4.99	7.86	<=11	Pass
			RU52	Mid	4.95	5.04	7.92	<=11	Pass
			RU106	Left	3.70	3.90	6.81	<=11	Pass



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		5320	SU	/	4.75	3.66	7.14	<=11	Pass
			RU26	Right	4.85	4.56	7.66	<=11	Pass
			RU52	Right	4.07	3.77	6.87	<=11	Pass
			RU106	Right	3.98	3.70	6.79	<=11	Pass
			SU	/	4.06	3.37	6.52	<=11	Pass
		5500	RU26	Left	4.07	3.62	6.81	<=11	Pass
			RU52	Left	3.57	3.39	6.47	<=11	Pass
			RU106	Left	2.46	3.06	5.56	<=11	Pass
			SU	/	3.98	3.56	6.55	<=11	Pass
		5580	RU26	Mid	4.40	3.98	7.13	<=11	Pass
			RU52	Mid	3.29	3.85	6.52	<=11	Pass
			RU106	Left	2.21	3.37	5.53	<=11	Pass
			SU	/	4.03	4.11	7.05	<=11	Pass
		5700	RU26	Right	3.53	4.27	6.89	<=11	Pass
			RU52	Right	2.83	3.00	5.84	<=11	Pass
			RU106	Right	3.47	3.02	6.26	<=11	Pass
			SU	/	3.56	3.20	6.32	<=11	Pass
		5720	RU26	Right	-22.36	-21.33	-19.72	<=11	Pass
			RU52	Right	-4.93	-5.61	-2.24	<=11	Pass
			RU106	Right	3.51	2.69	6.11	<=11	Pass
			SU	/	3.61	4.42	6.68	<=11	Pass
802.11ax (HEW40)	MIMO	5190	RU242	Left	3.57	3.58	6.52	<=11	Pass
			SU	/	-2.36	-2.77	0.19	<=11	Pass
		5230	RU242	Right	4.47	3.15	6.85	<=11	Pass
			SU	/	1.51	0.69	3.84	<=11	Pass
		5270	RU242	Left	4.59	4.38	7.44	<=11	Pass
			SU	/	2.10	1.54	4.69	<=11	Pass
		5310	RU242	Right	4.87	3.68	7.30	<=11	Pass
			SU	/	-1.30	-2.22	1.06	<=11	Pass
		5510	RU242	Left	3.47	4.48	6.99	<=11	Pass
			SU	/	-1.14	-0.70	1.82	<=11	Pass
		5550	RU242	Left	3.26	3.94	6.54	<=11	Pass
			SU	/	1.34	1.02	4.00	<=11	Pass
		5670	RU242	Right	4.81	3.74	7.20	<=11	Pass
			SU	/	1.83	1.11	4.23	<=11	Pass
802.11ax (HEW80)	MIMO	5210	RU484	Left	0.30	0.66	3.40	<=11	Pass
			RU484	Right	1.18	0.34	3.77	<=11	Pass
			SU	/	-5.69	-6.07	-3.07	<=11	Pass



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		5290	RU484	Left	1.33	1.58	4.44	<=11	Pass
				Right	2.05	1.40	4.71	<=11	Pass
			SU	/	-4.74	-5.49	-2.28	<=11	Pass
		5530	RU484	Left	1.26	1.79	4.08	<=11	Pass
				SU	/	-4.99	-5.05	<=11	Pass
		5610	RU484	Right	2.39	1.04	4.78	<=11	Pass
				SU	/	-0.66	-1.49	<=11	Pass
		5690	RU484	Right	1.79	0.54	4.21	<=11	Pass
				SU	/	-1.27	-1.73	<=11	Pass
	802.11ax (HEW160)	5570	RU996	Left	-1.95	-2.13	0.58	<=11	Pass
				Right	-1.38	-2.10	1.04	<=11	Pass
			SU	/	-9.52	-9.49	-6.77	<=11	Pass
		5250	RU996	Left	-1.77	-2.93	0.35	<=11	Pass
				Right	-1.69	-2.64	0.68	<=11	Pass
			SU	/	-9.26	-10.44	-6.90	<=11	Pass

Note1: Antenna Gain: Ant23: 1.36dBi; Ant21: -0.50dBi;

Note2: Directional Gain: Band1: 4.37dBi, Band2A: 3.69dBi, Band2C: 4.31dBi, Band3: 4.25dBi, Band2C+3: 4.31dBi, Band2C+3x: 3.01dBi, Band1+2A: 4.37dBi

4.1.2 PSD-Band3

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/500kHz)				Verdict
					ANT23	ANT21	MIMO	Limit	
802.11a	MIMO	5745	/	/	2.23	2.14	4.89	<=30	Pass
		5785	/	/	2.24	1.76	4.57	<=30	Pass
		5825	/	/	2.23	2.38	4.84	<=30	Pass
		5720	/	/	-0.77	-0.84	1.86	<=30	Pass
802.11n (HT20)	MIMO	5745	/	/	1.81	1.60	4.54	<=30	Pass
		5785	/	/	1.28	1.40	3.99	<=30	Pass
		5825	/	/	1.61	1.94	4.40	<=30	Pass
		5720	/	/	-2.49	-1.99	0.54	<=30	Pass
802.11n (HT40)	MIMO	5755	/	/	-0.59	-0.27	2.23	<=30	Pass
		5795	/	/	-0.25	-0.57	2.21	<=30	Pass
		5710	/	/	-5.71	-4.94	-2.46	<=30	Pass
802.11ac (VHT20)	MIMO	5745	/	/	1.76	1.74	4.49	<=30	Pass
		5785	/	/	1.49	1.33	4.06	<=30	Pass
		5825	/	/	1.54	2.10	4.36	<=30	Pass
		5720	/	/	-2.40	-1.83	0.72	<=30	Pass
802.11ac (VHT40)	MIMO	5755	/	/	-0.28	-0.62	2.40	<=30	Pass
		5795	/	/	0.07	-0.84	2.30	<=30	Pass
		5710	/	/	-5.32	-5.06	-2.31	<=30	Pass



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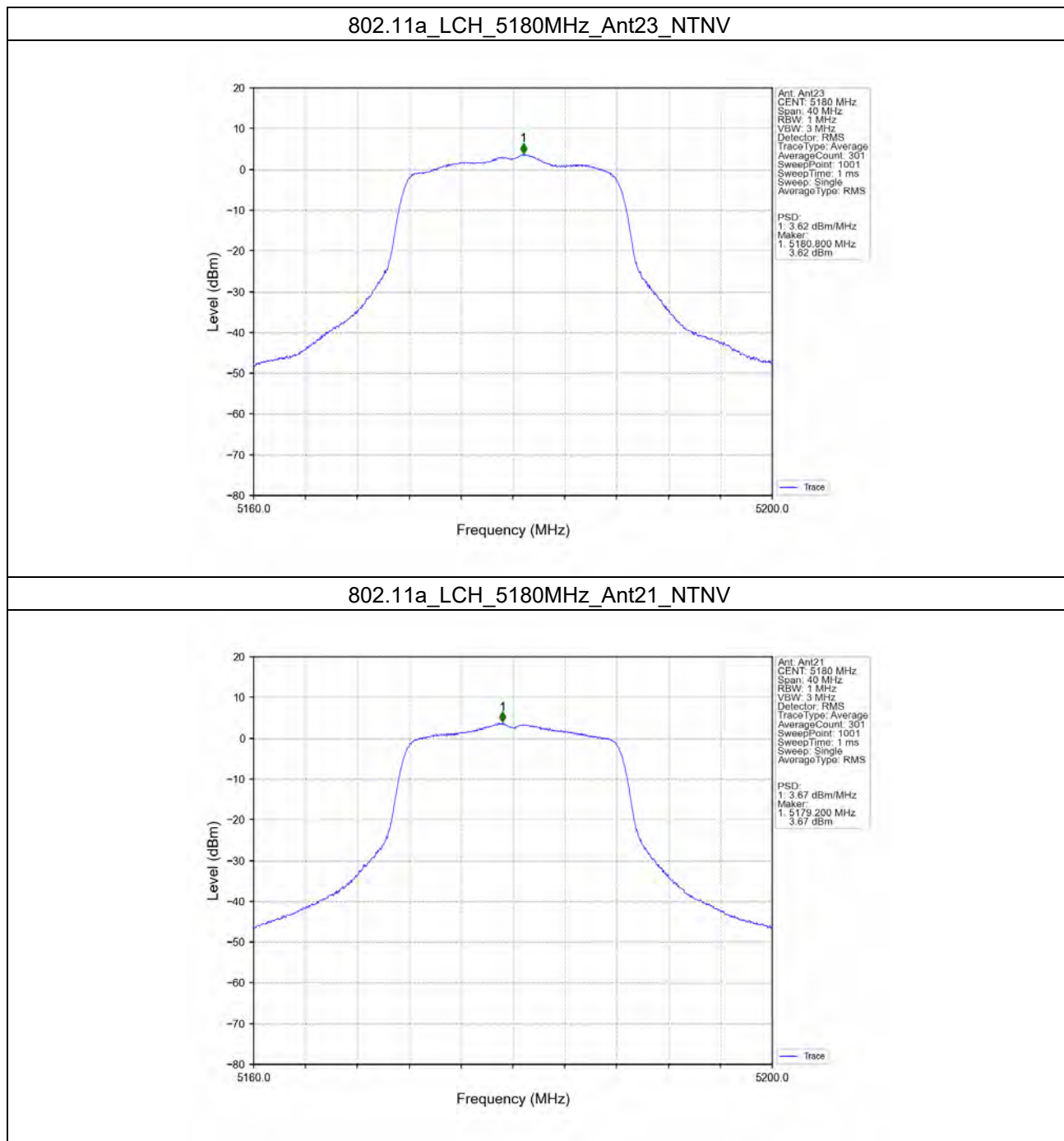
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802.11ac (VHT80)	MIMO	5775	/	/	-3.73	-3.86	-1.05	<=30	Pass
		5690	/	/	-9.79	-9.75	-7.20	<=30	Pass
802.11ax (HEW20)	MIMO	5745	RU26	Left	8.16	7.59	10.84	<=30	Pass
			RU52	Left	5.57	5.53	8.42	<=30	Pass
			RU106	Left	2.55	4.09	6.22	<=30	Pass
			SU	/	1.36	1.45	4.06	<=30	Pass
		5785	RU26	Mid	8.31	8.14	11.08	<=30	Pass
			RU52	Mid	5.68	6.60	9.17	<=30	Pass
			RU106	Left	2.63	3.83	6.21	<=30	Pass
			SU	/	1.48	1.17	4.11	<=30	Pass
		5825	RU26	Right	7.58	7.55	10.48	<=30	Pass
			RU52	Right	5.05	5.22	8.11	<=30	Pass
			RU106	Right	4.51	3.26	6.93	<=30	Pass
			SU	/	1.36	1.32	4.02	<=30	Pass
		5720	RU26	Right	-0.46	1.04	3.32	<=30	Pass
			RU52	Right	-1.28	-0.03	2.32	<=30	Pass
			RU106	Right	-2.18	-1.16	1.29	<=30	Pass
			SU	/	-2.71	-1.47	0.78	<=30	Pass
802.11ax (HEW40)	MIMO	5755	RU242	Left	1.19	1.71	4.24	<=30	Pass
			SU	/	-0.59	-1.21	1.84	<=30	Pass
		5795	RU242	Right	2.10	0.87	4.37	<=30	Pass
			SU	/	-0.96	-1.36	1.43	<=30	Pass
		5710	RU242	Right	-1.85	-1.11	1.18	<=30	Pass
			SU	/	-4.68	-4.07	-1.86	<=30	Pass
802.11ax (HEW80)	MIMO	5775	RU484	Left	-1.69	-1.66	0.64	<=30	Pass
				Right	-1.18	-2.29	1.16	<=30	Pass
			SU	/	-4.16	-4.51	-1.63	<=30	Pass
		5690	RU484	Right	-4.33	-4.68	-1.89	<=30	Pass
			SU	/	-7.49	-7.92	-4.93	<=30	Pass

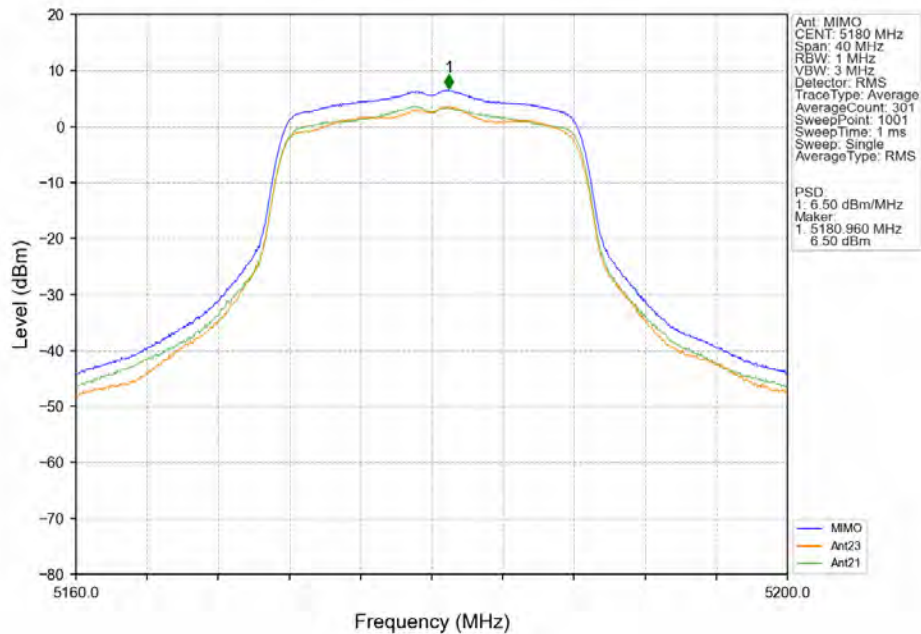
Note1: Antenna Gain: Ant23: 1.24dBi; Ant21: 1.10dBi;

4.2 Test Graph

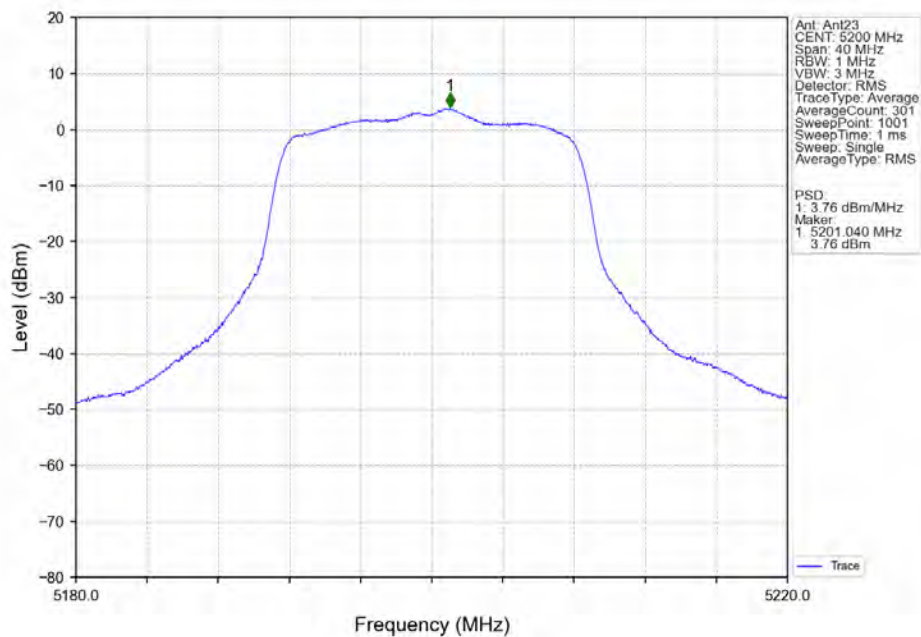
4.2.1 PSD



802.11a_LCH_5180MHz_MIMO_NTNV



802.11a_MCH_5200MHz_Ant23_NTNV



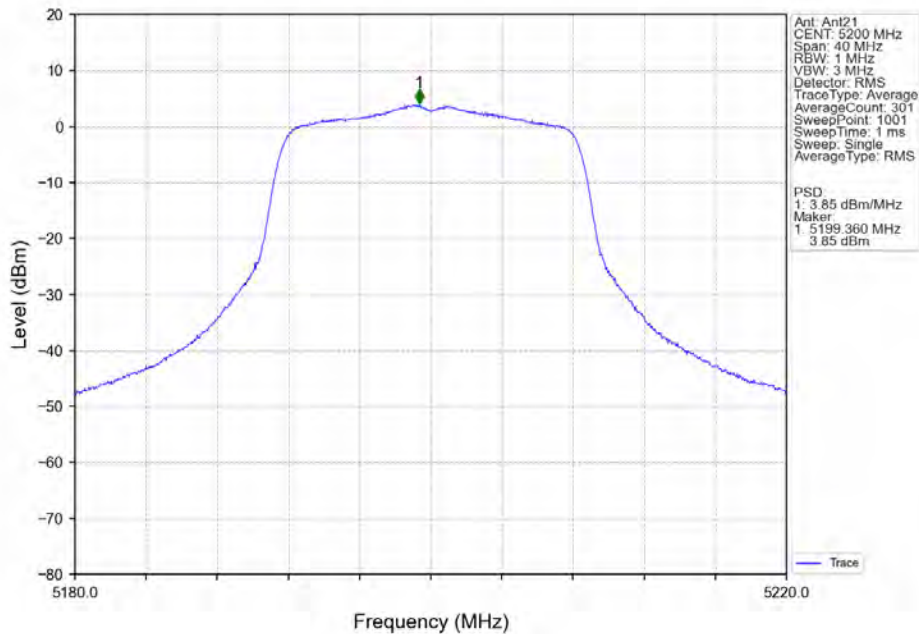
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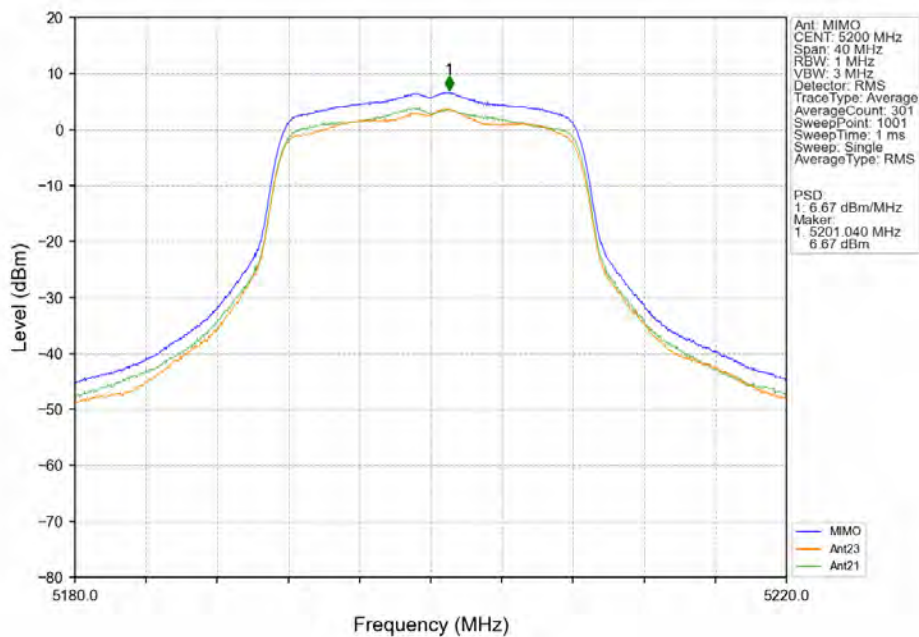
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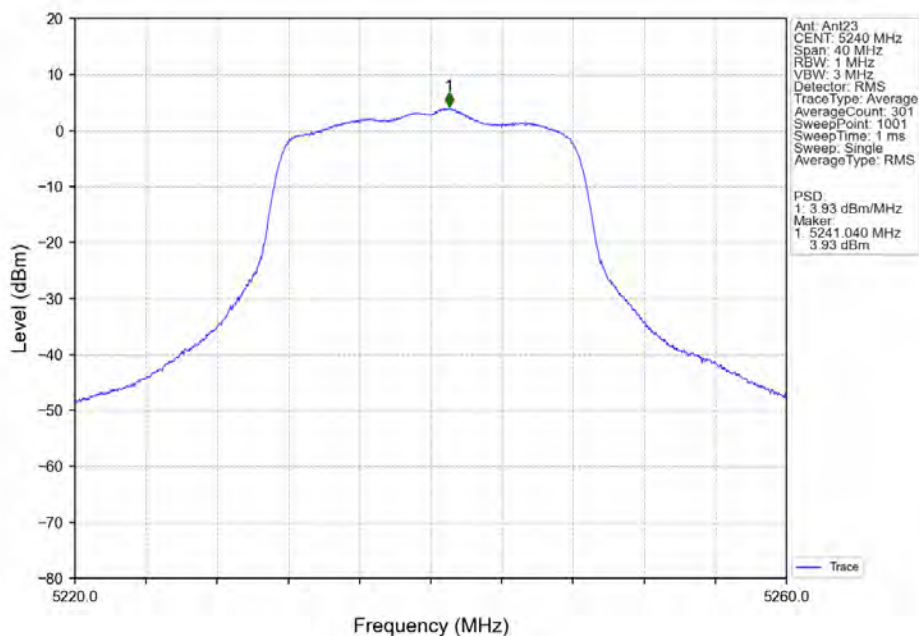
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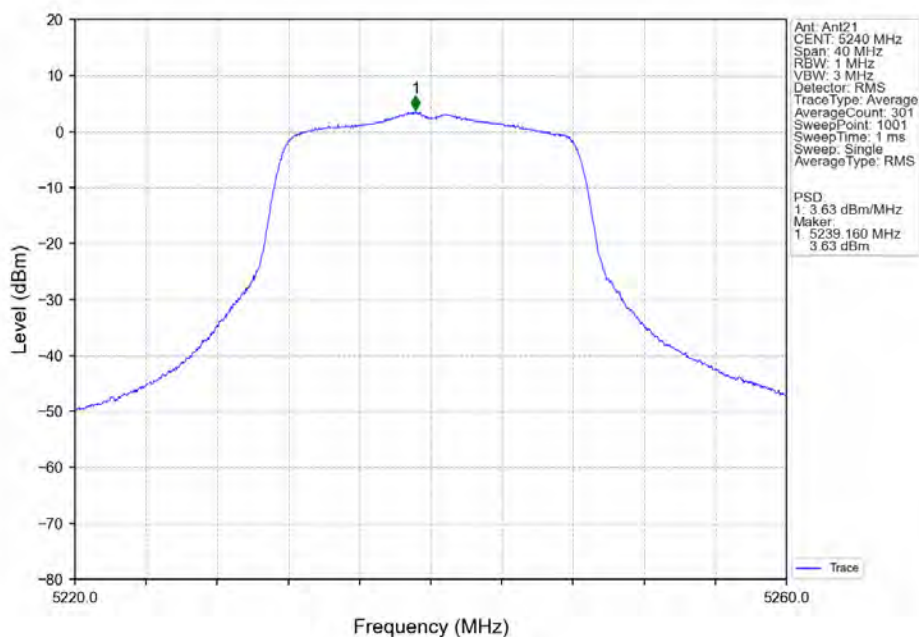
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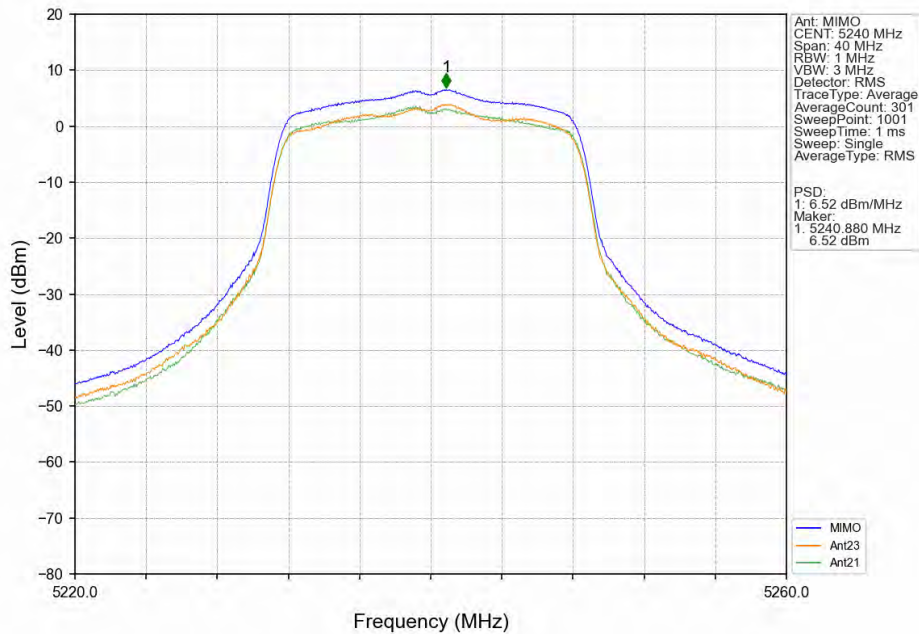
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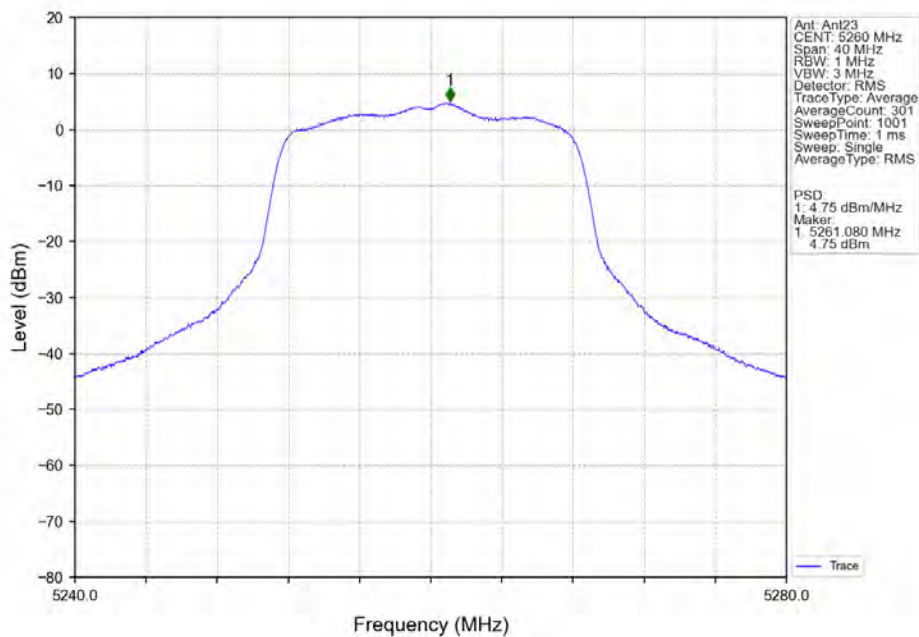
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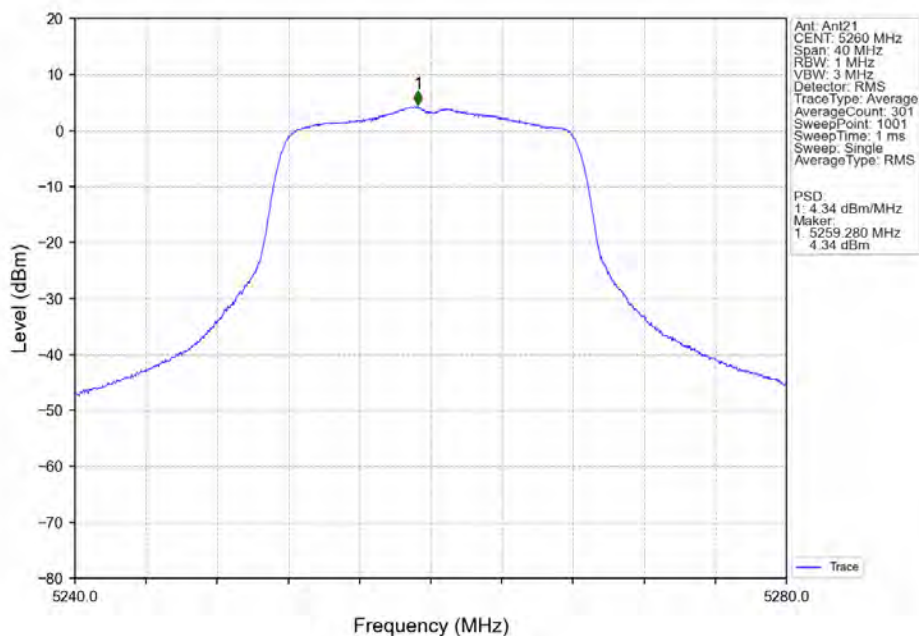
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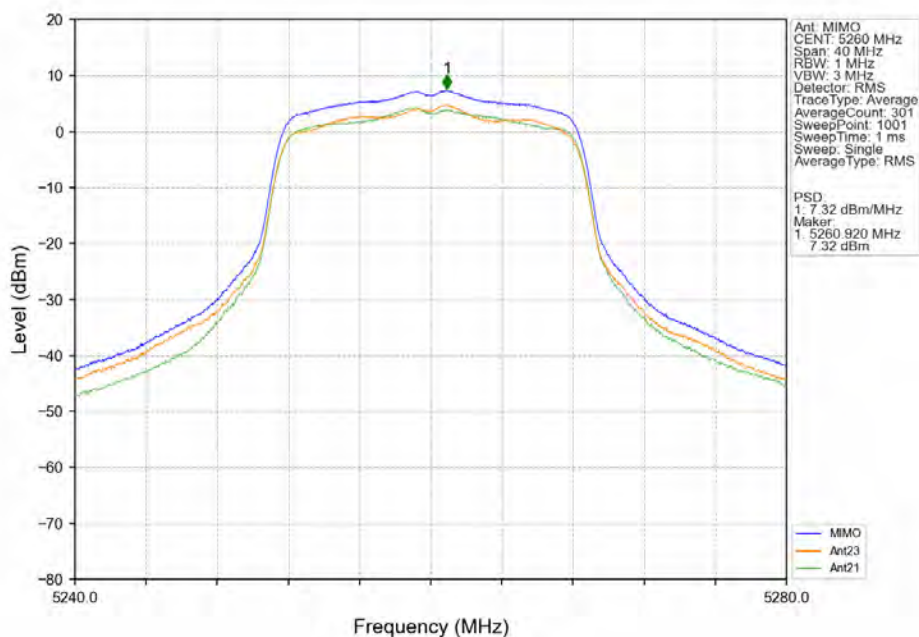
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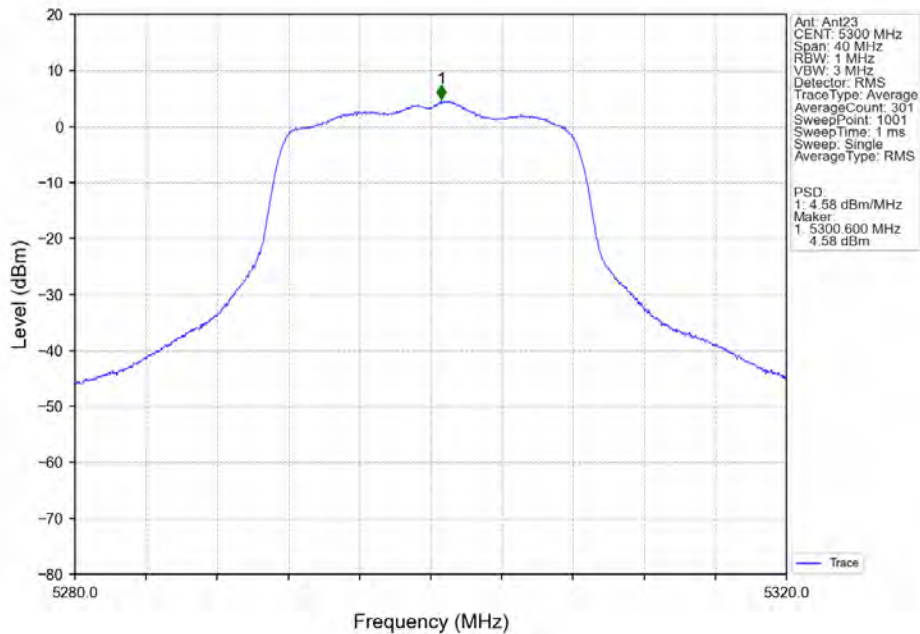
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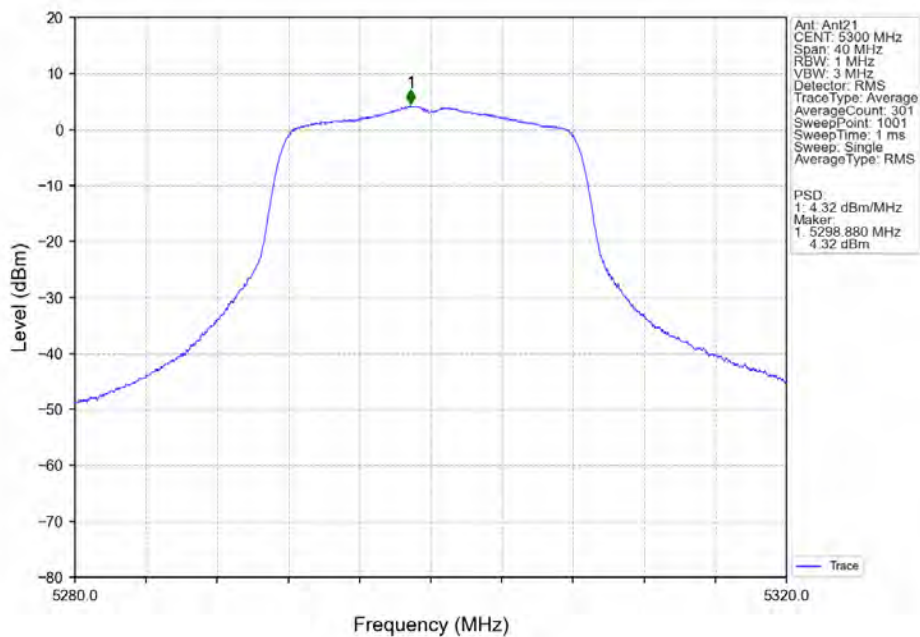
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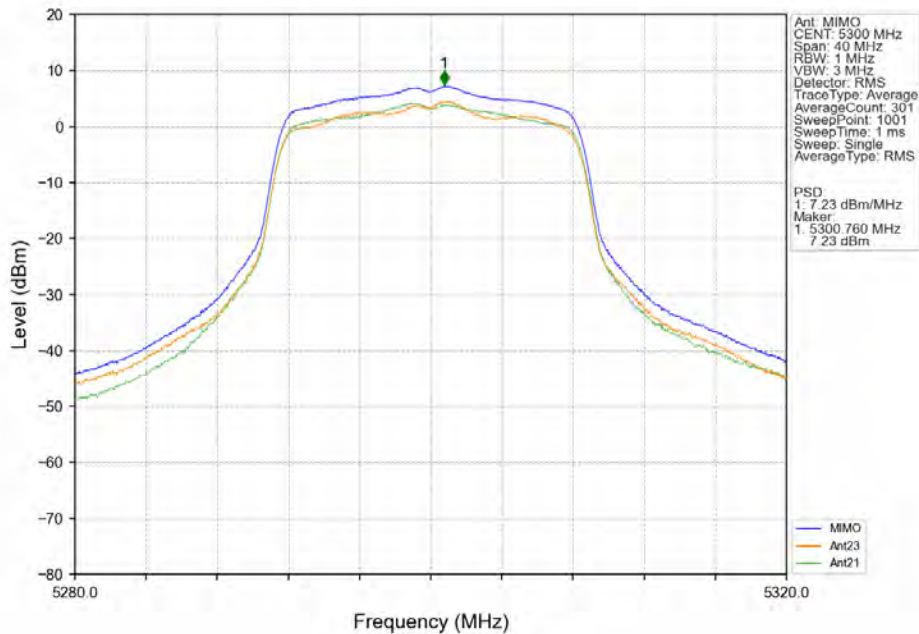
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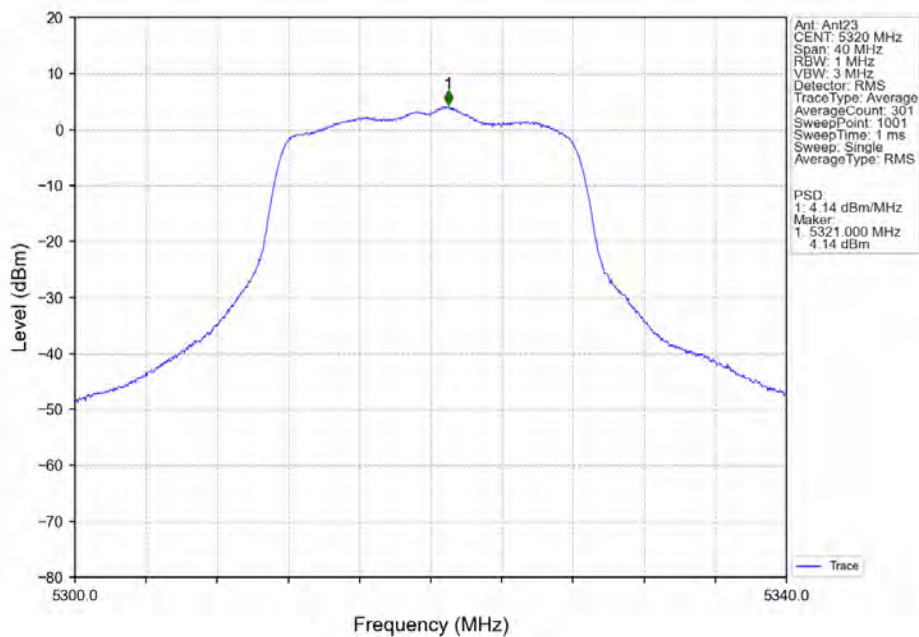
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802.11a_MCH_5300MHz_MIMO_NTNV



802.11a_HCH_5320MHz_Ant23_NTNV



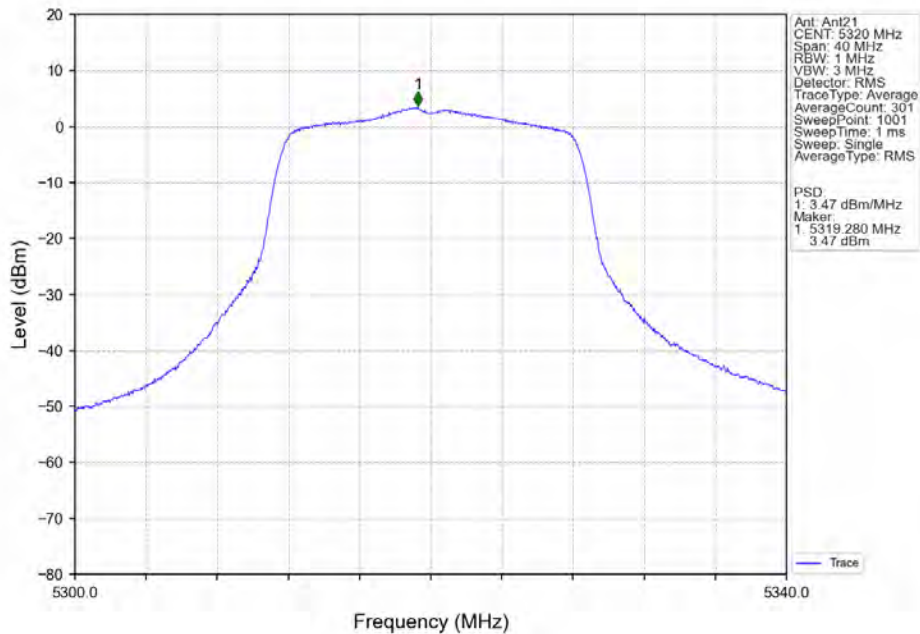
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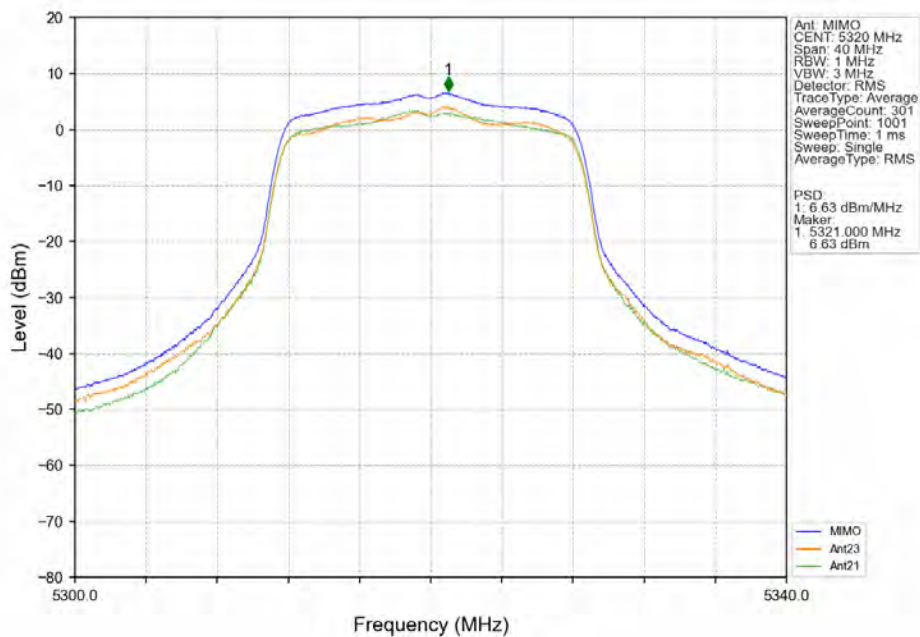
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802.11a_HCH_5320MHz_Ant21_NTNV



802.11a_HCH_5320MHz_MIMO_NTNV



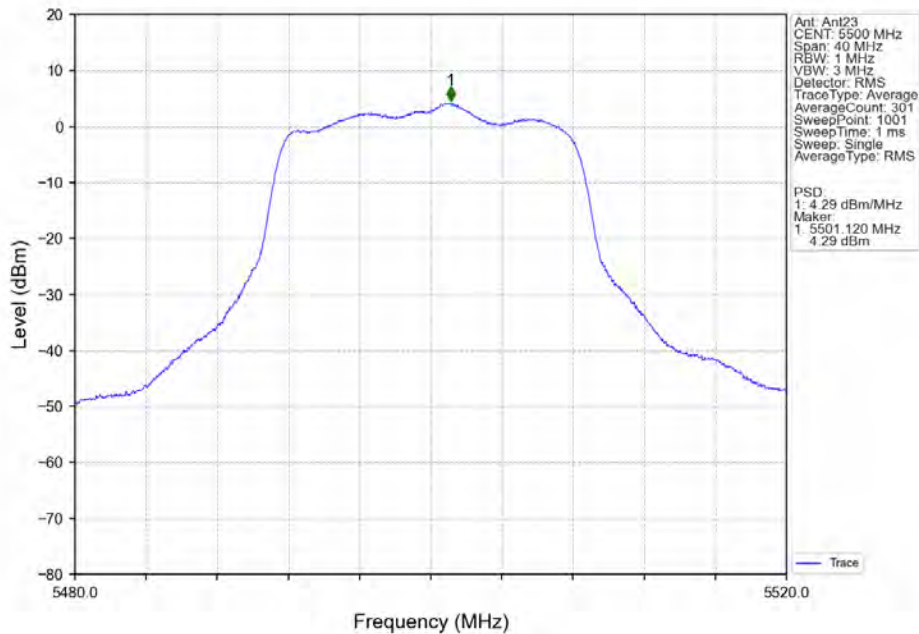
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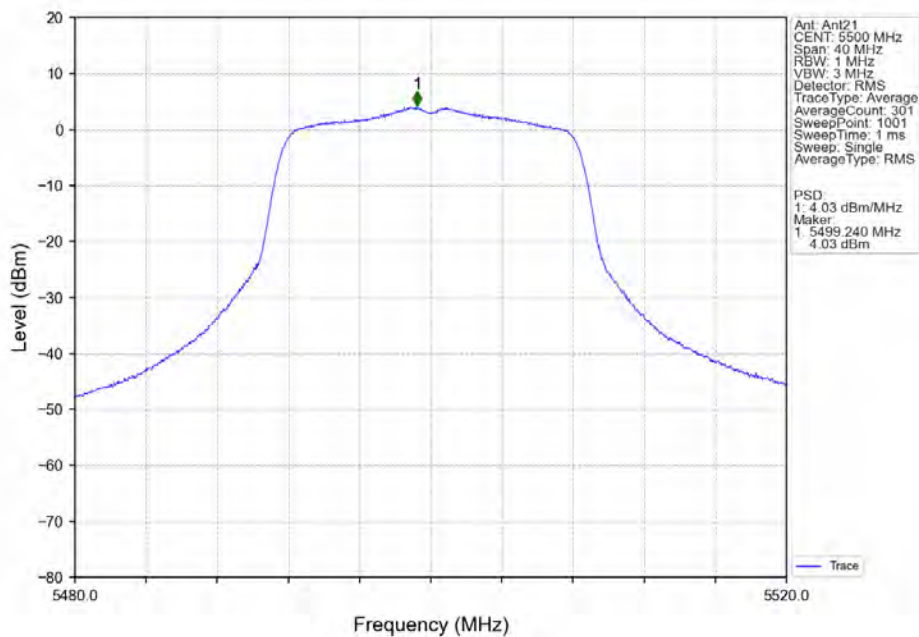
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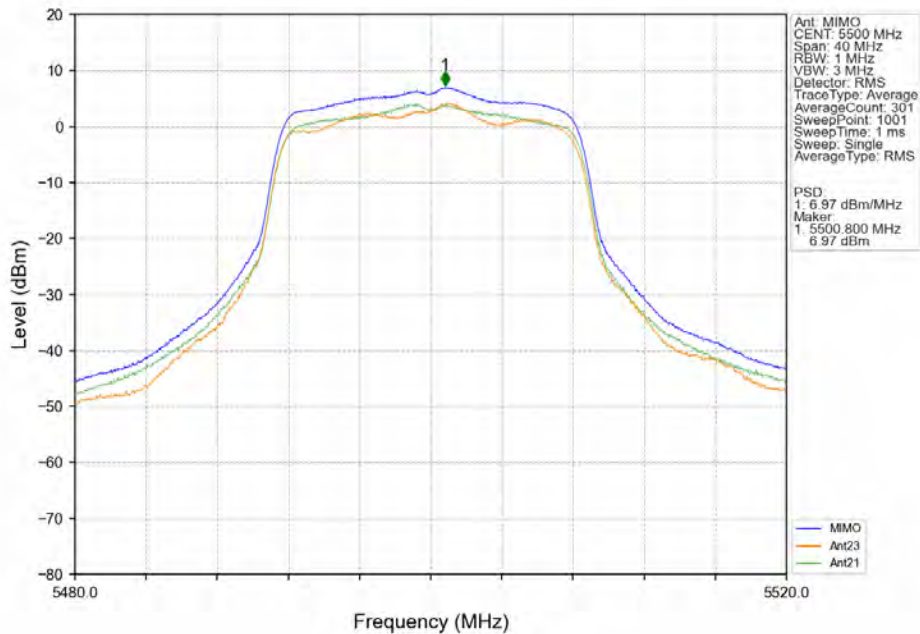
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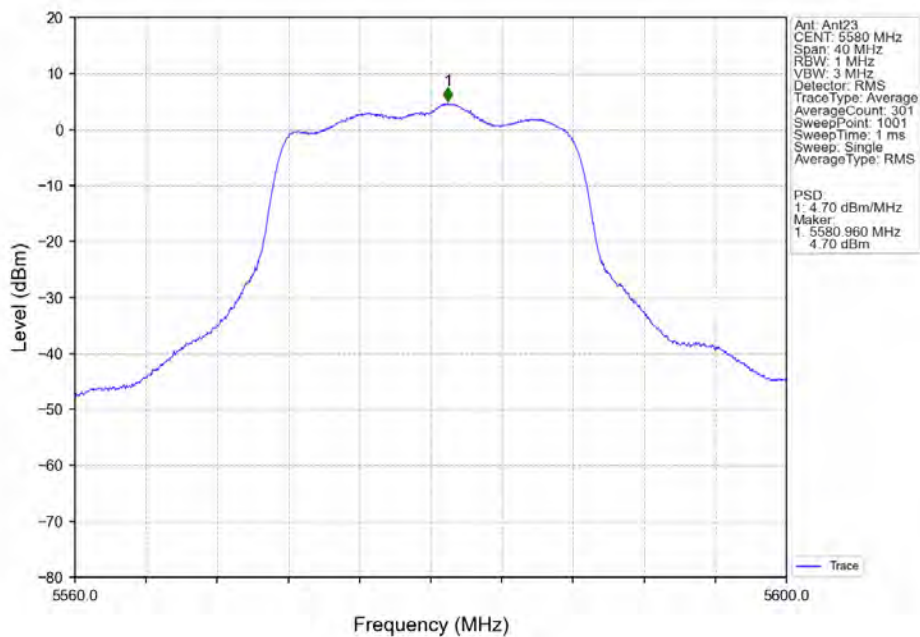
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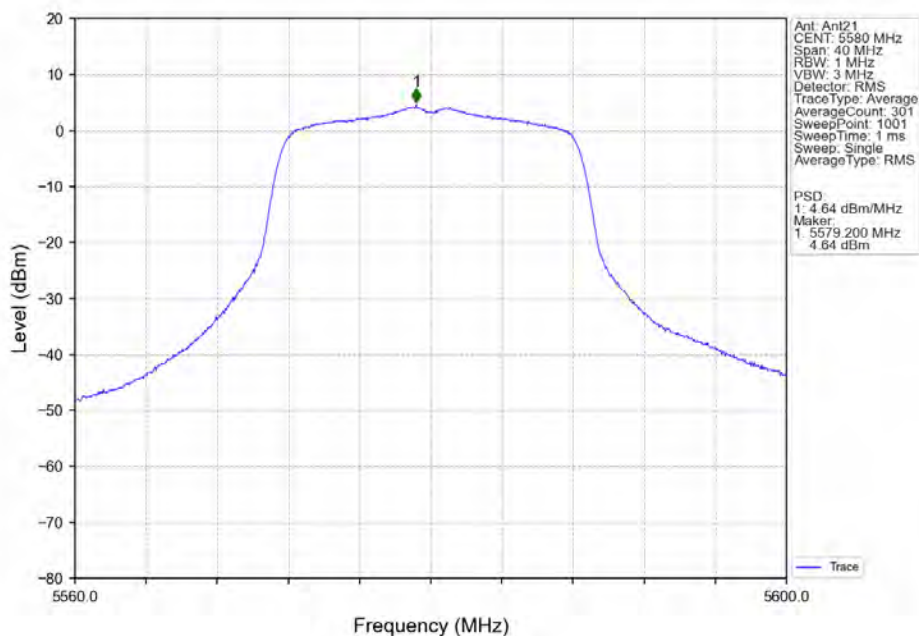
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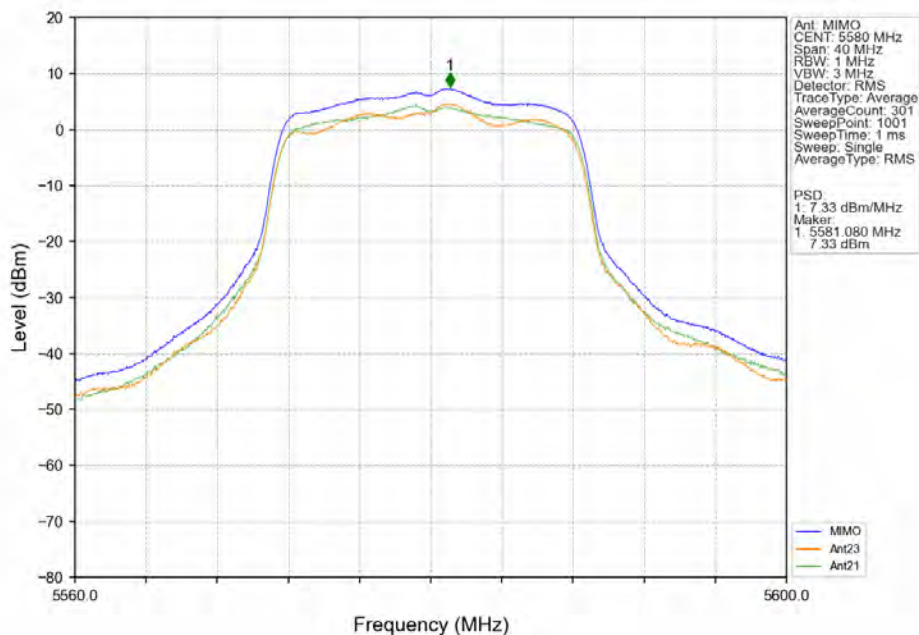
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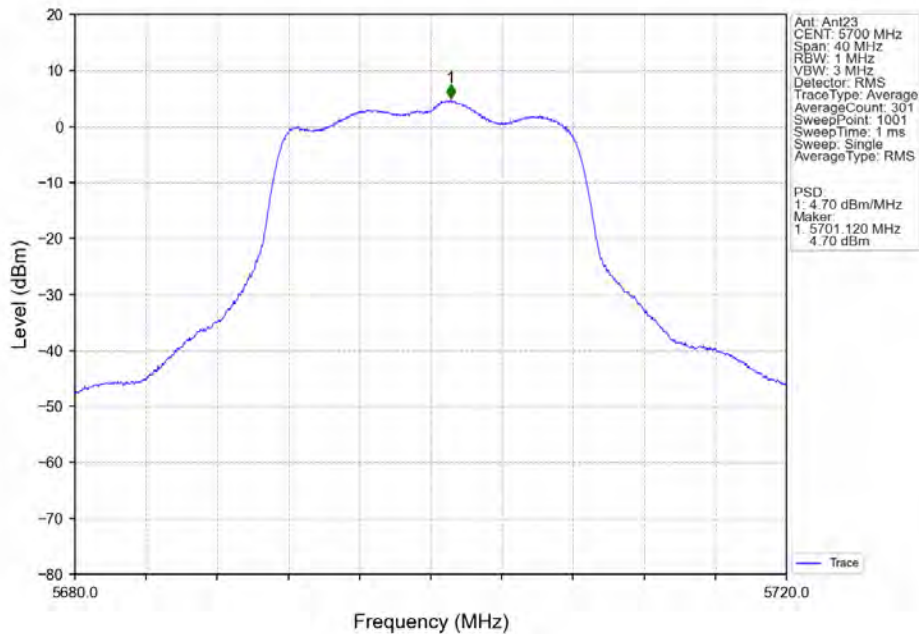
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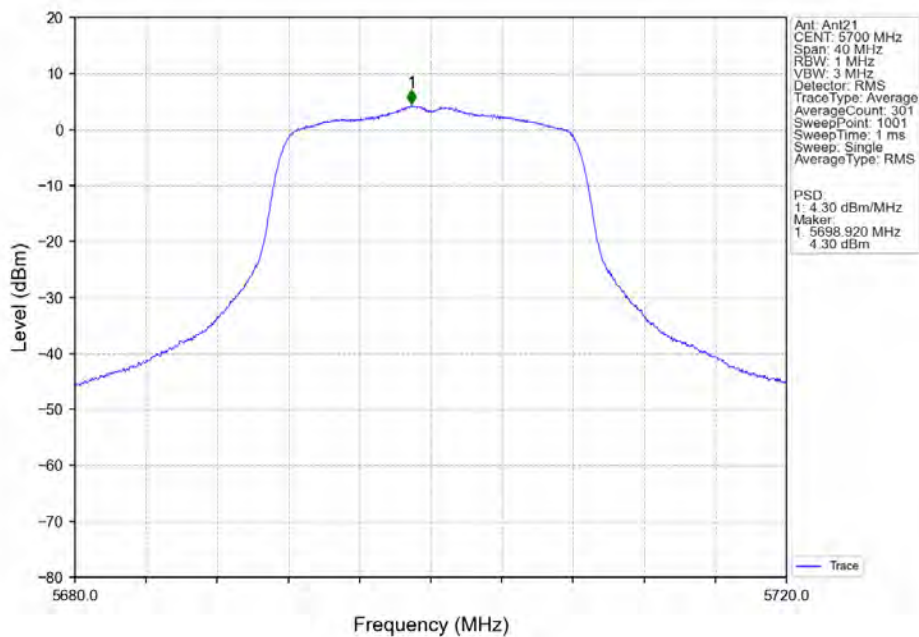
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802.11a_HCH_5700MHz_Ant23_NTNV



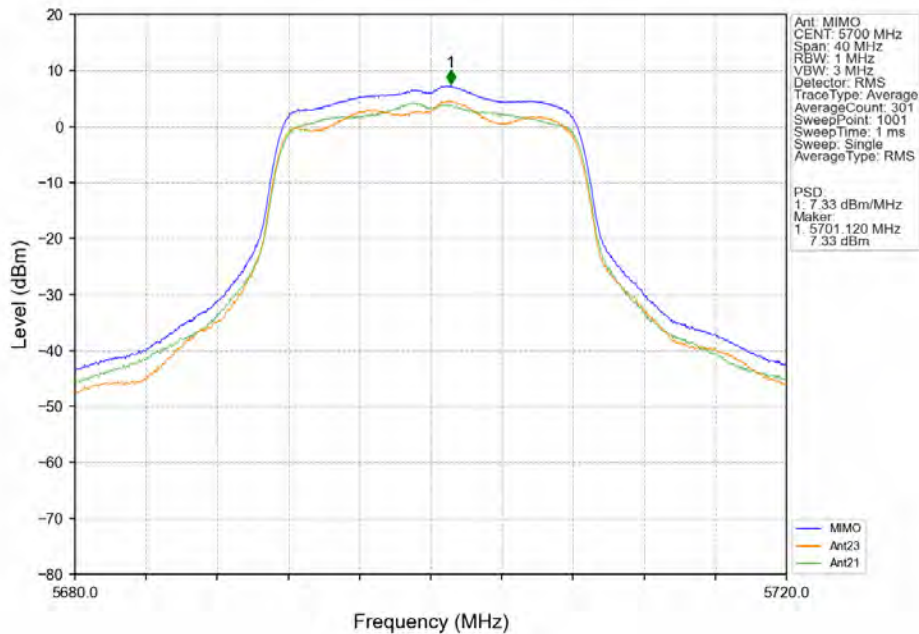
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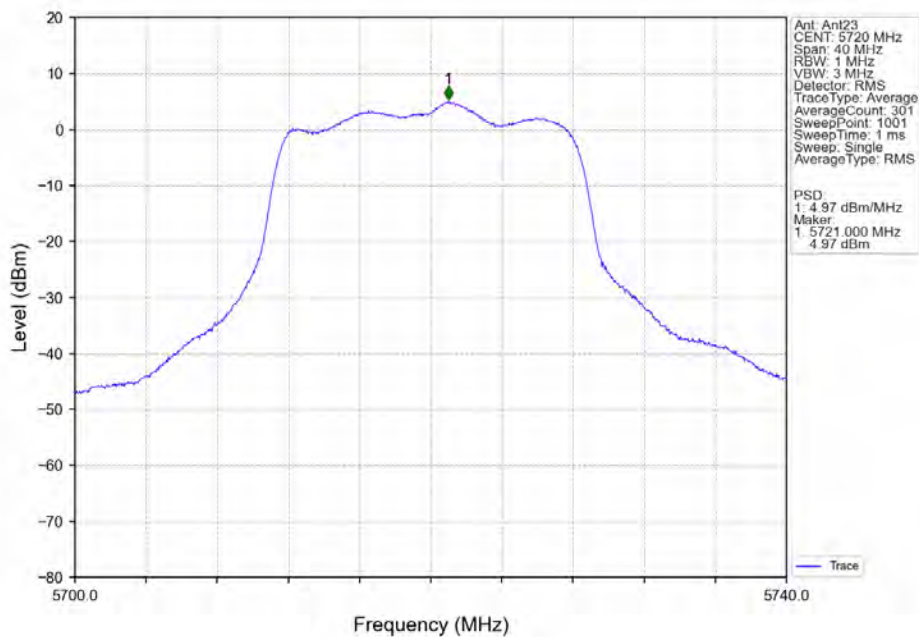
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802.11a_HCH_5700MHz_MIMO_NTNV



802.11a_HCH_5720MHz_Ant23_NTNV



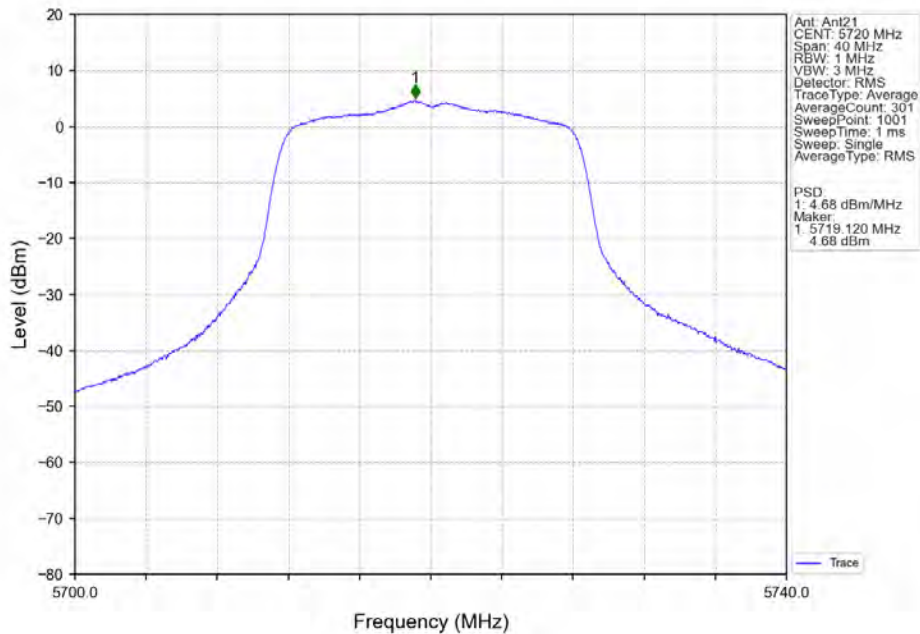
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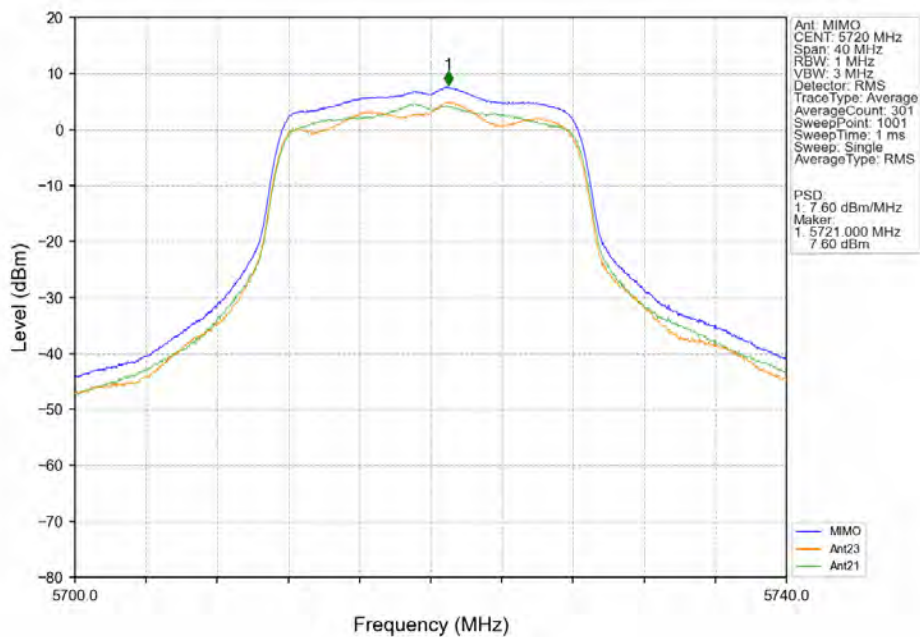
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802.11a_HCH_5720MHz_Ant21_NTNV



802.11a_HCH_5720MHz_MIMO_NTNV



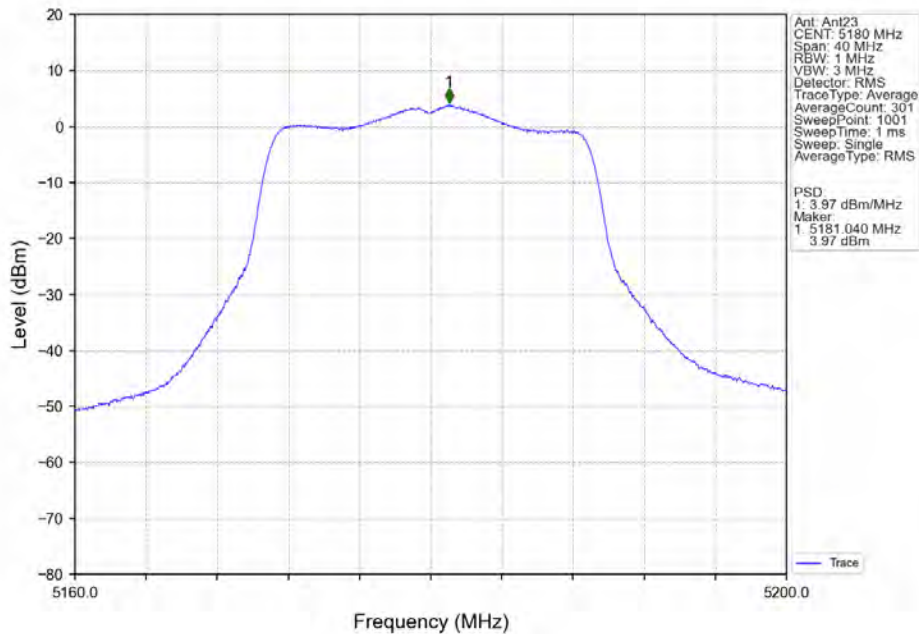
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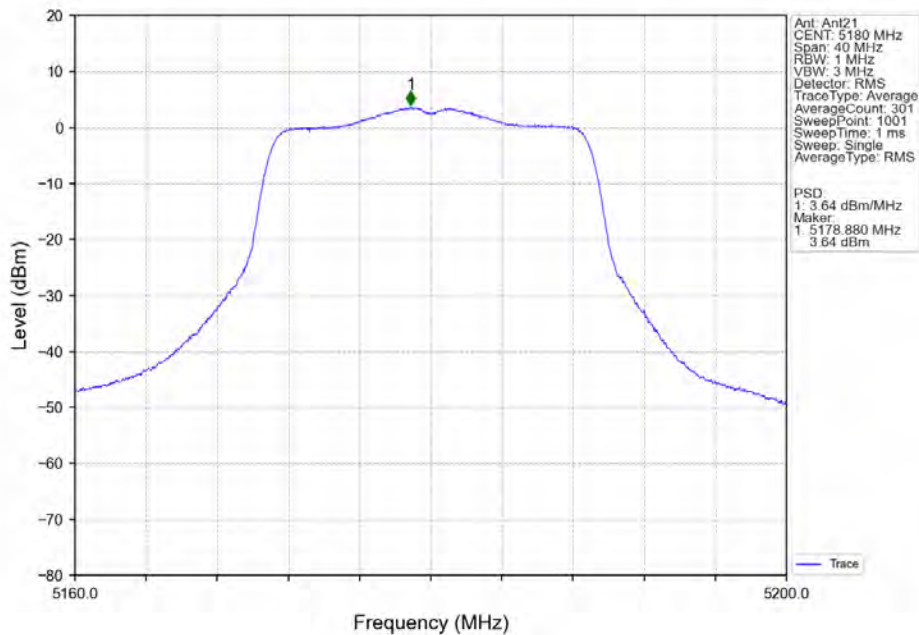
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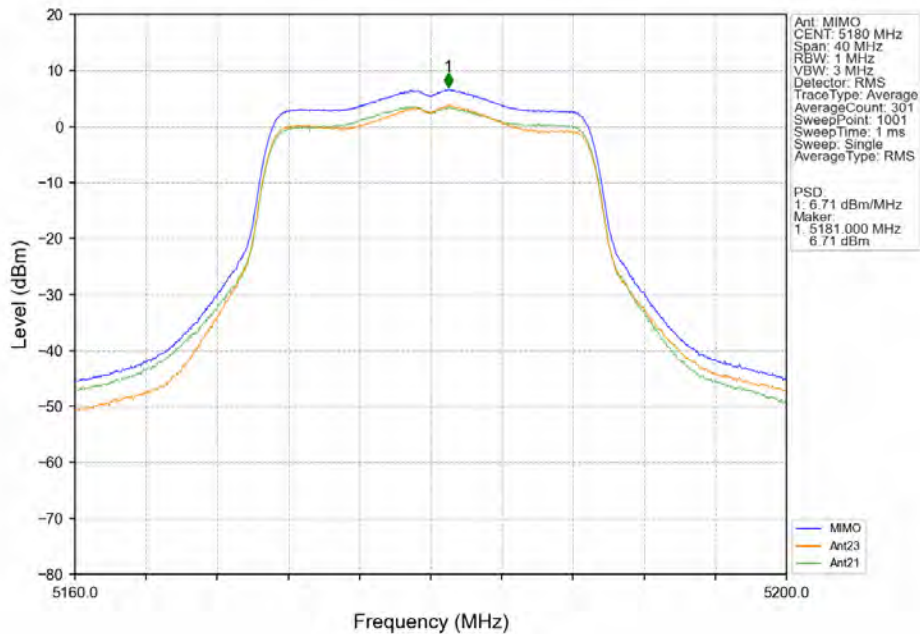
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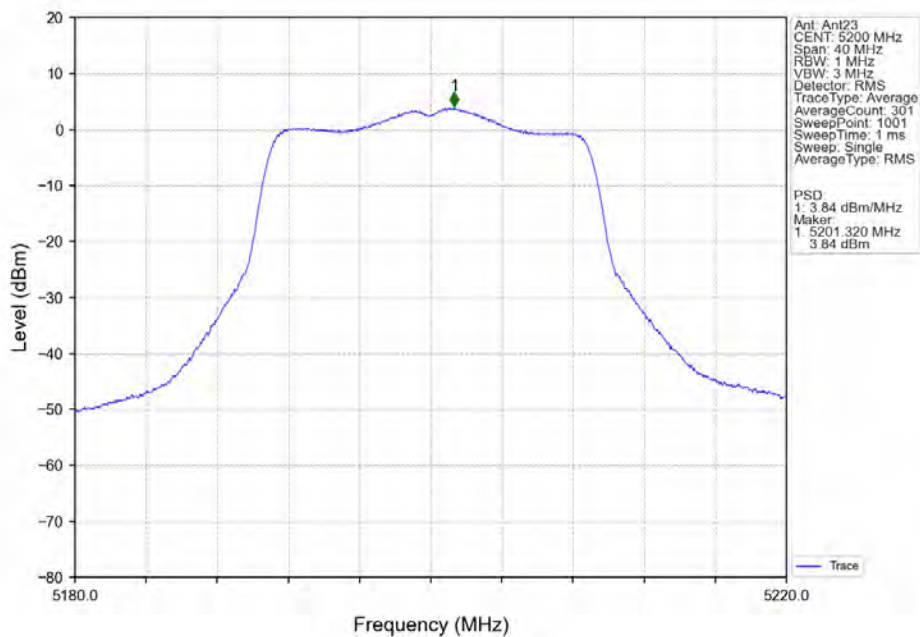
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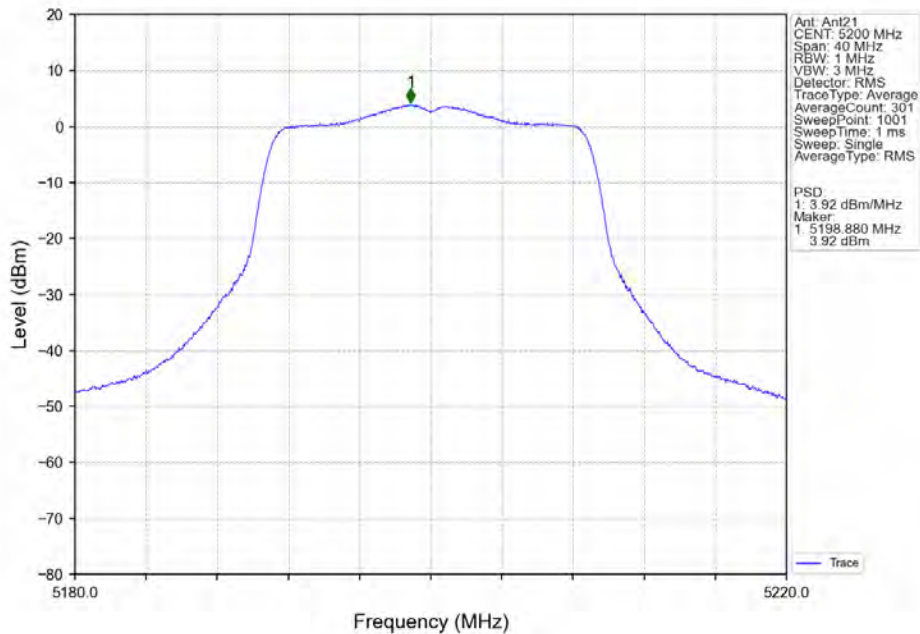
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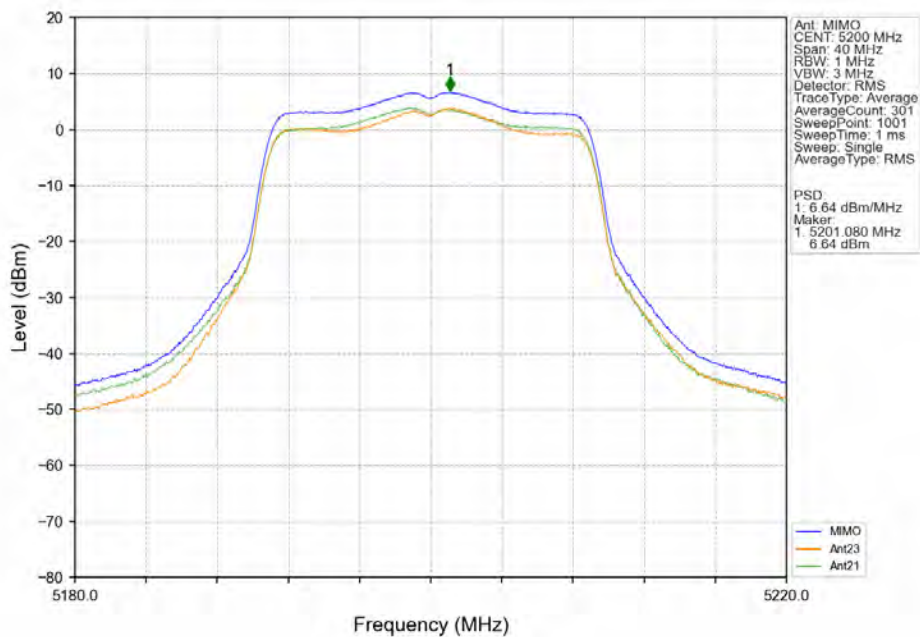
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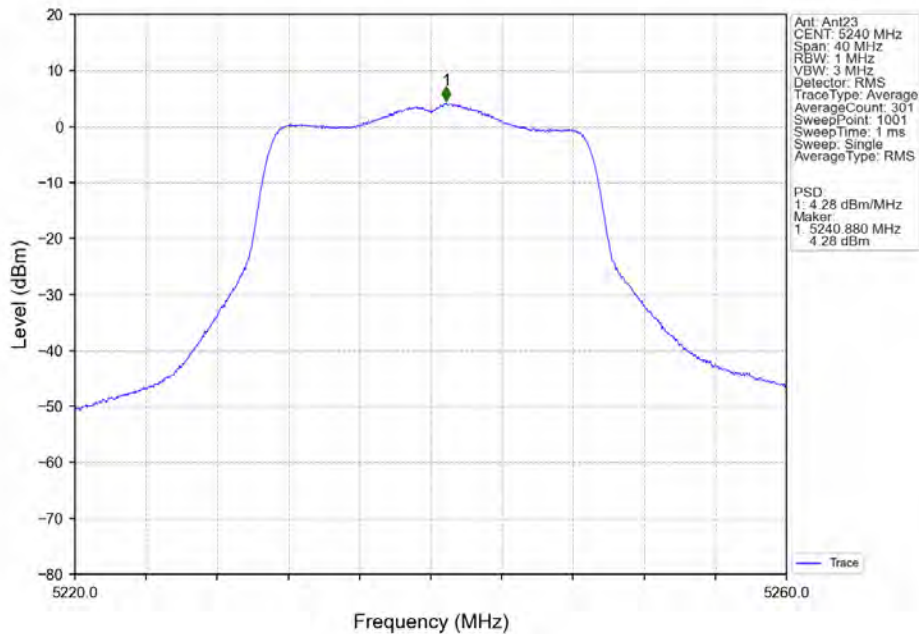
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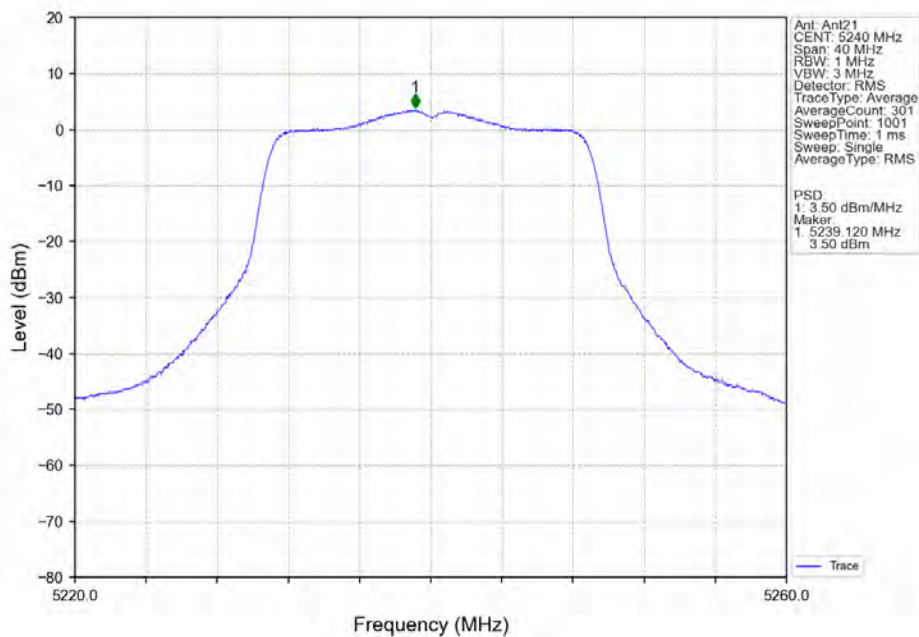
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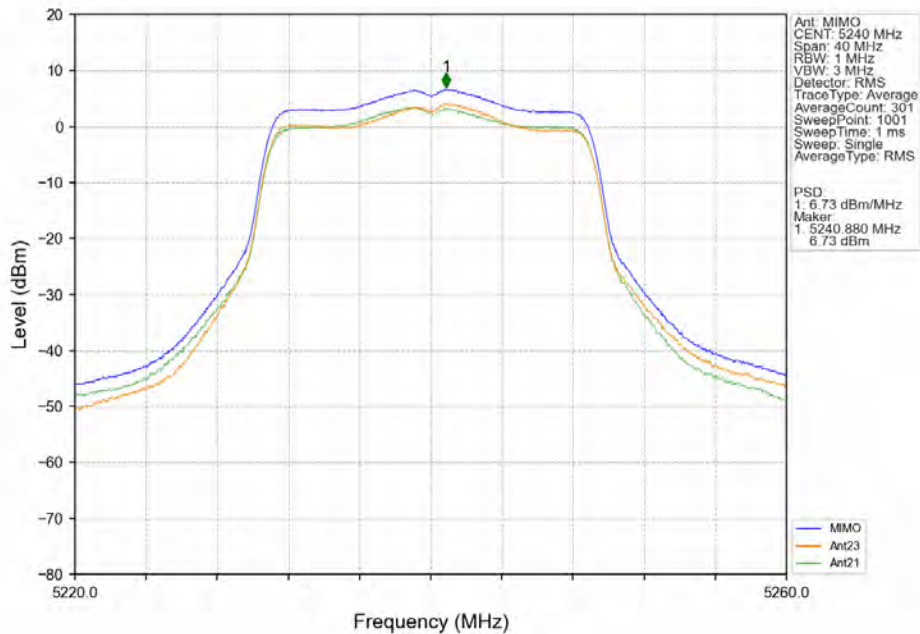
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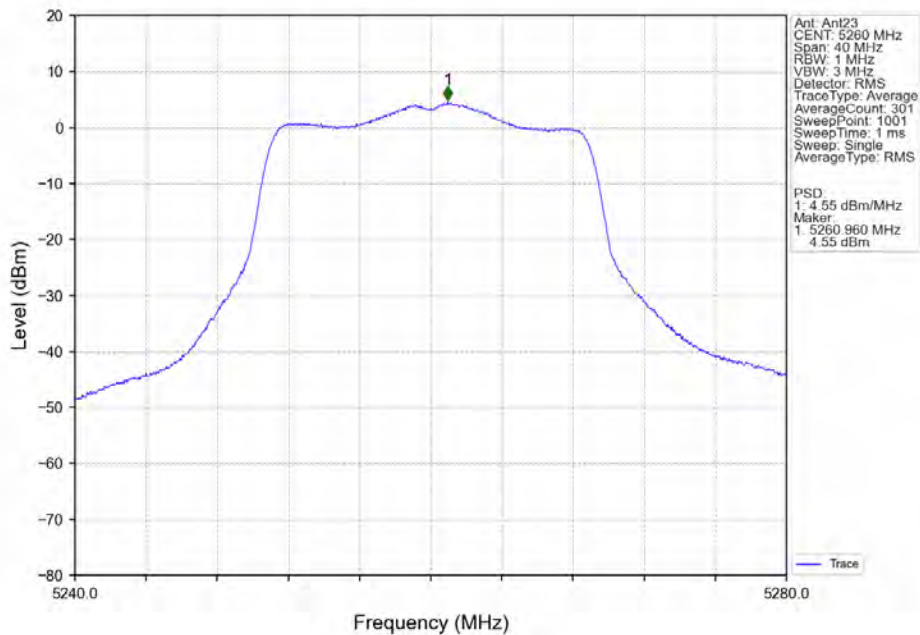
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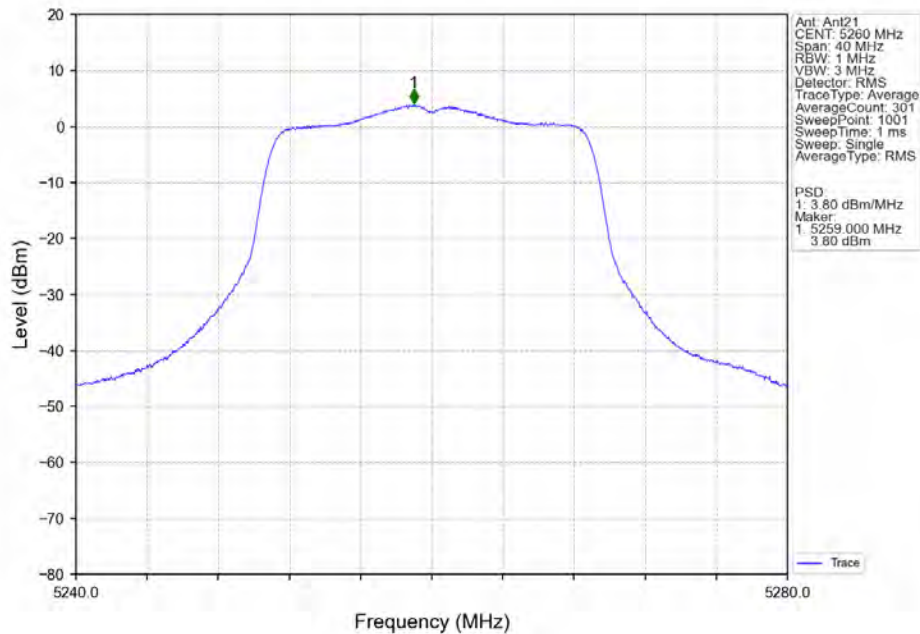
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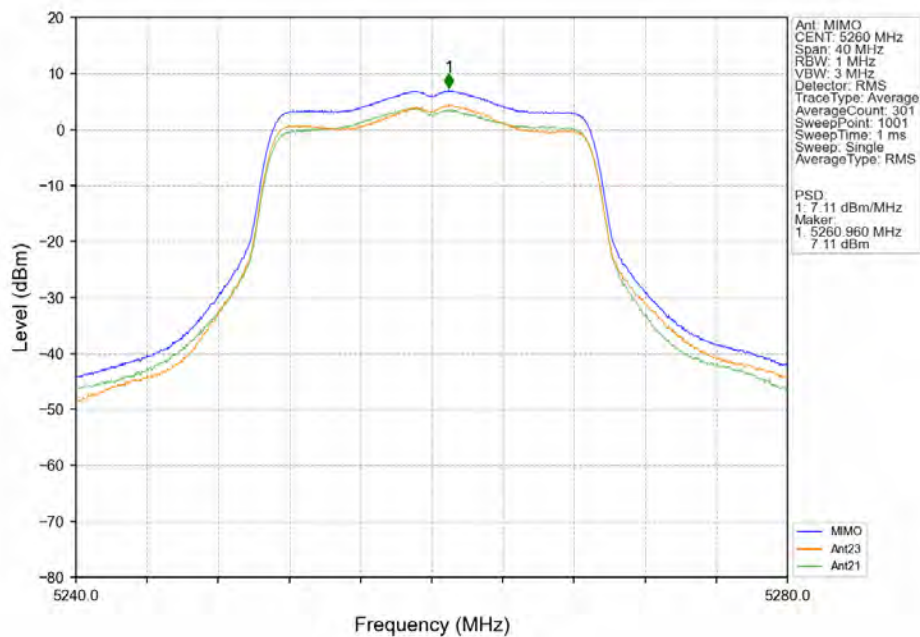
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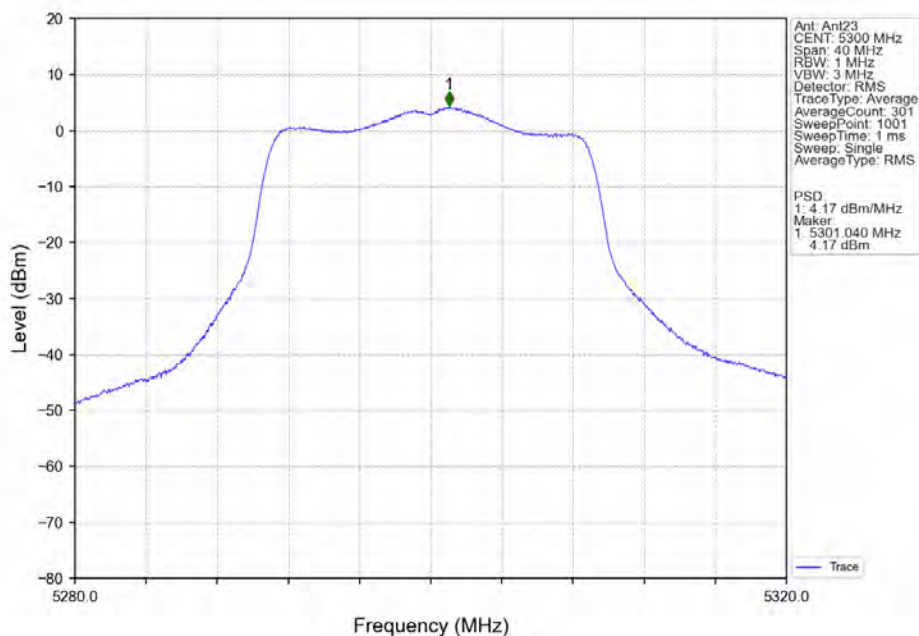
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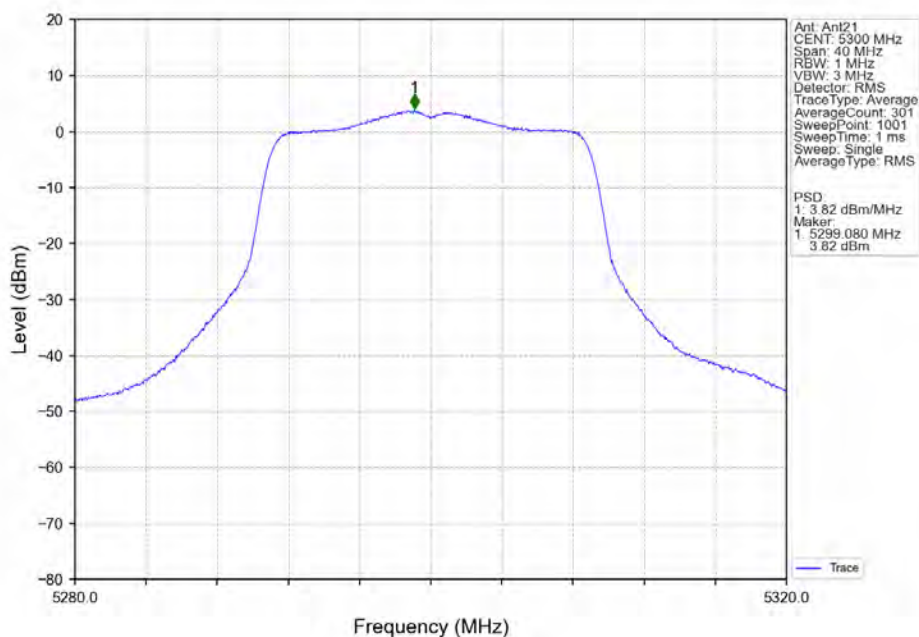
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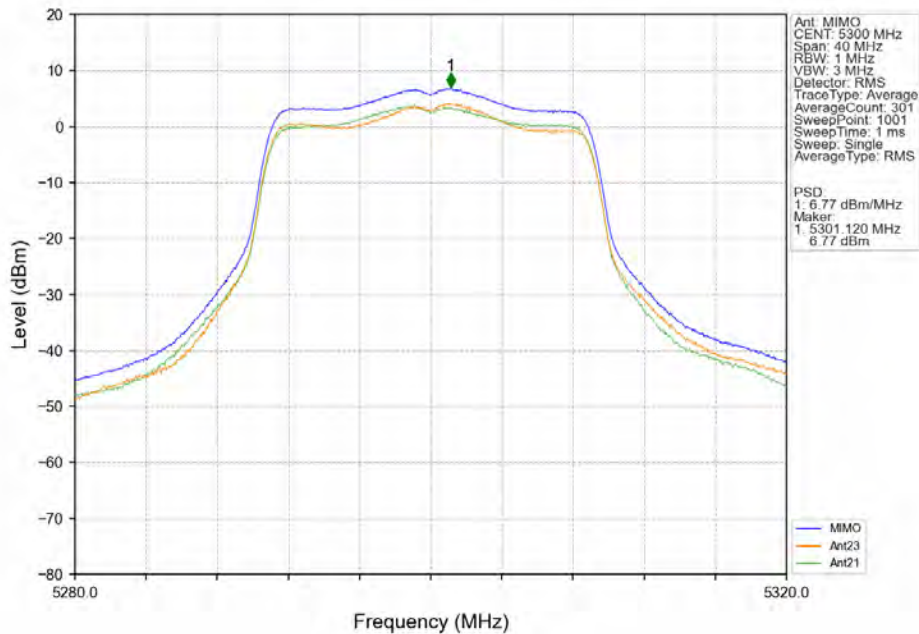
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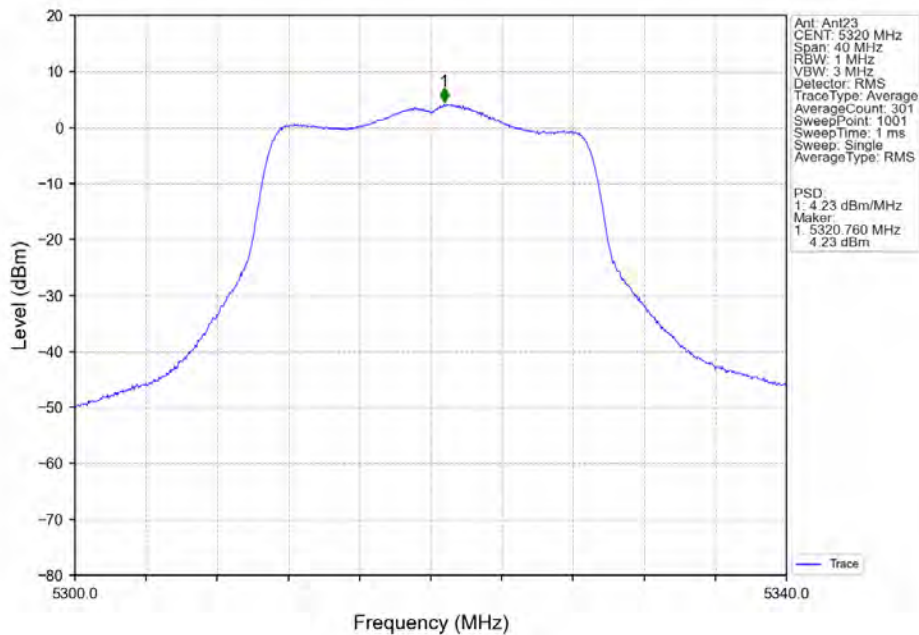
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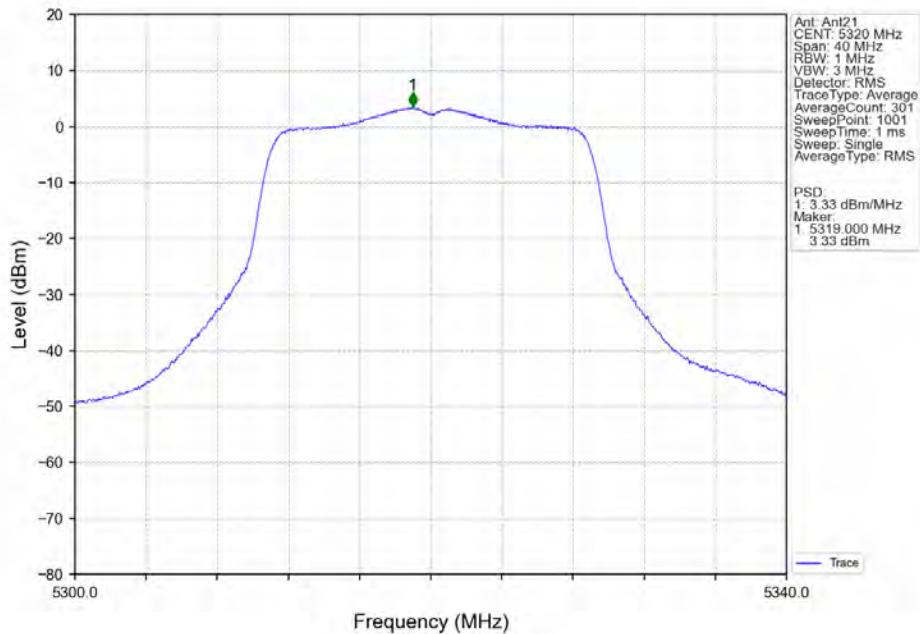
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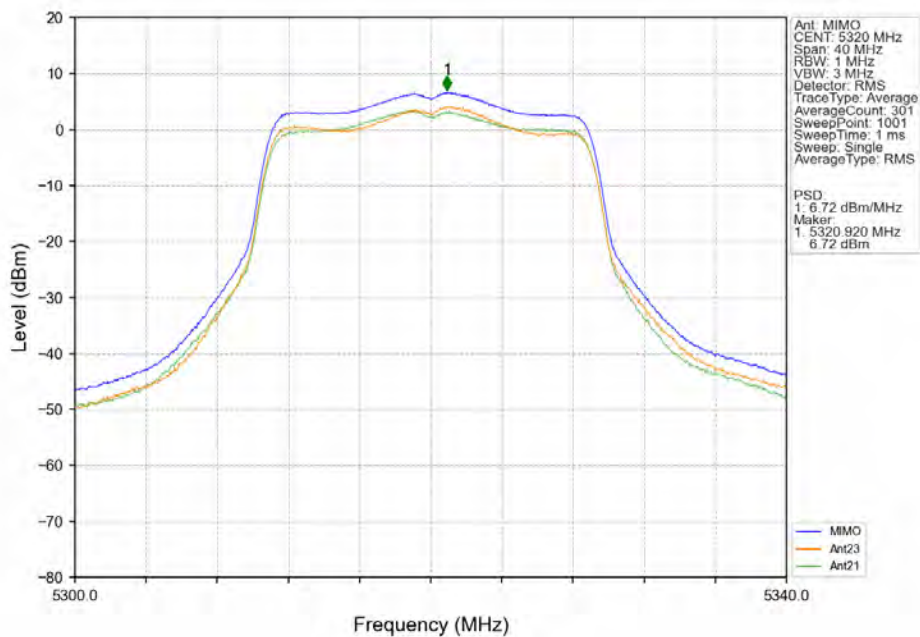
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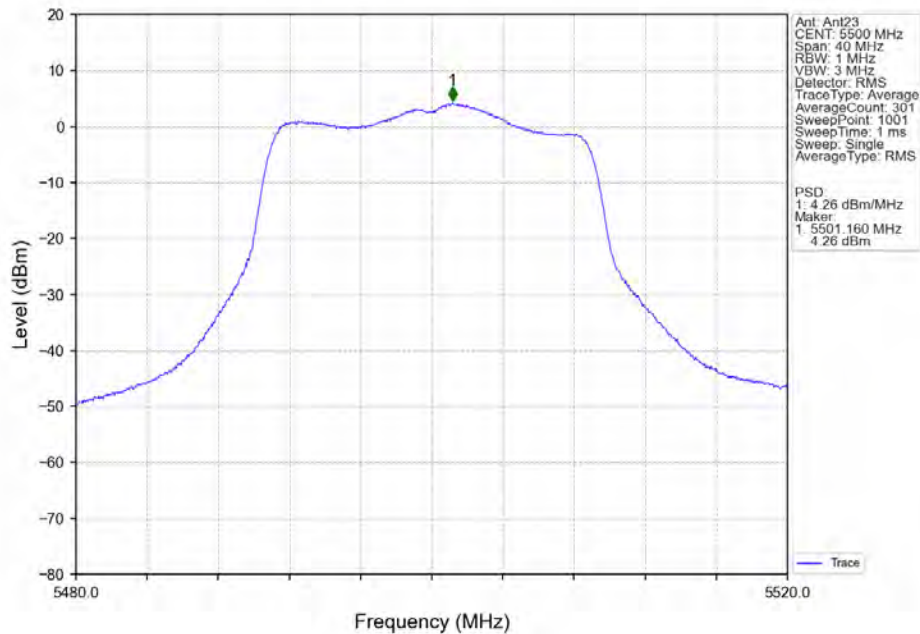
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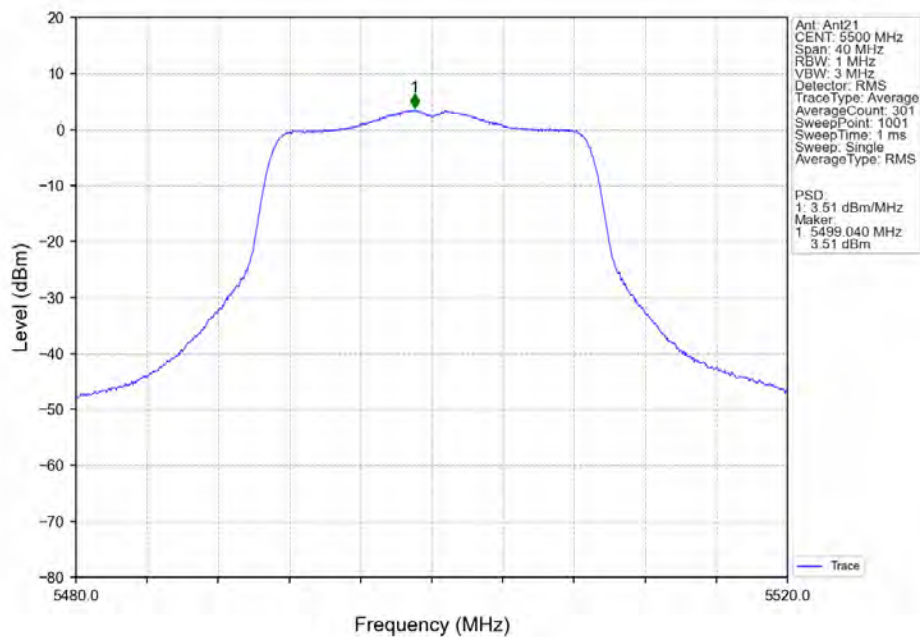
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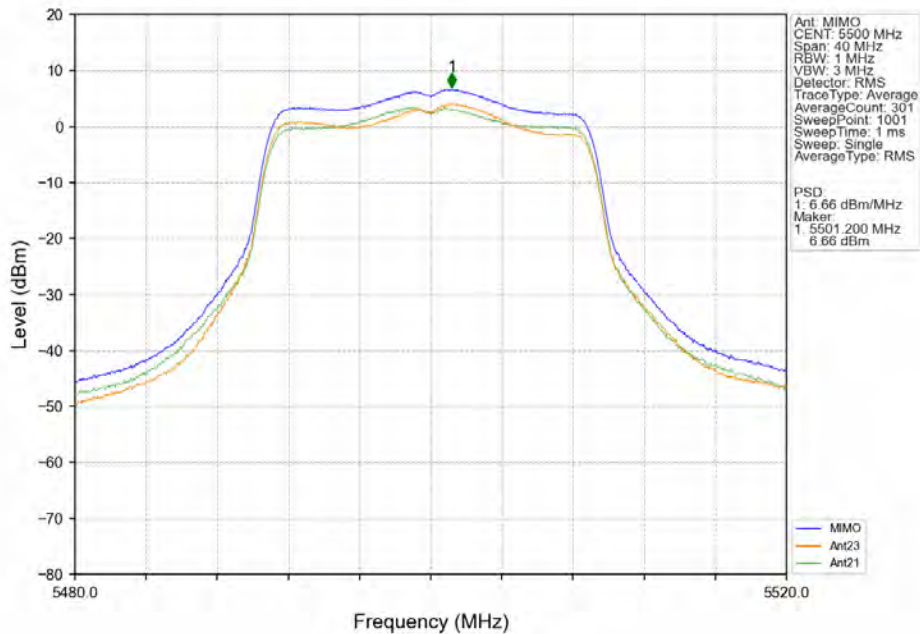
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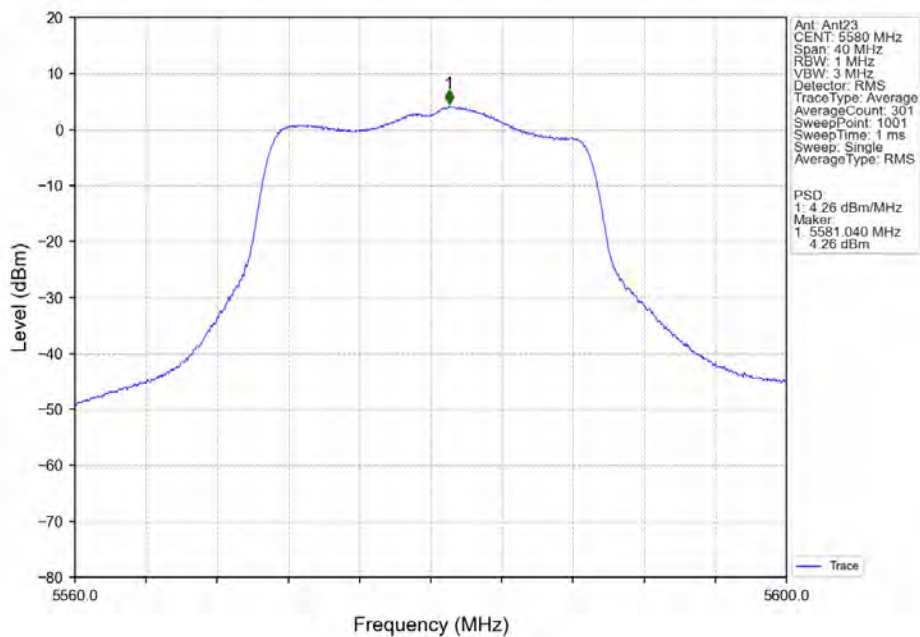
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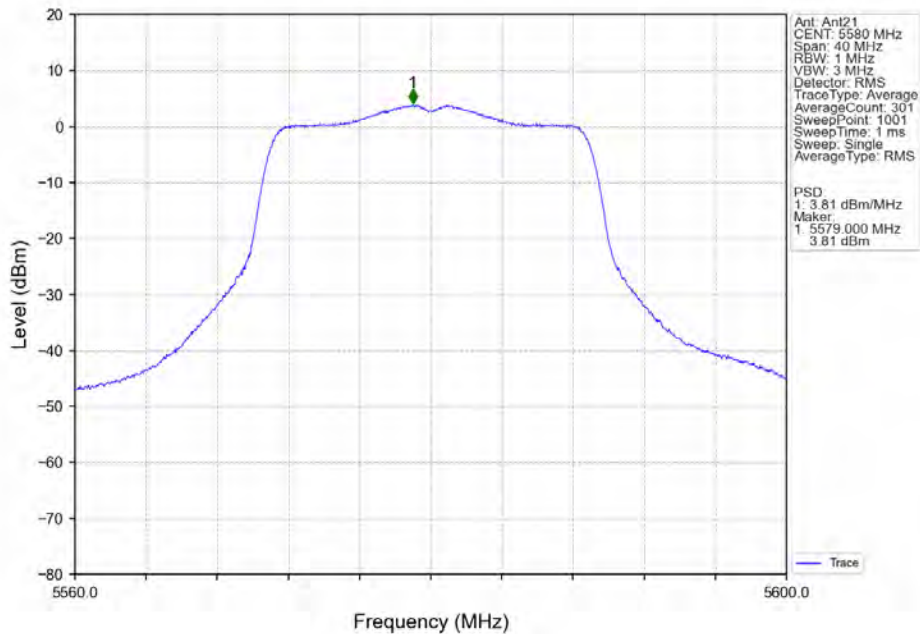
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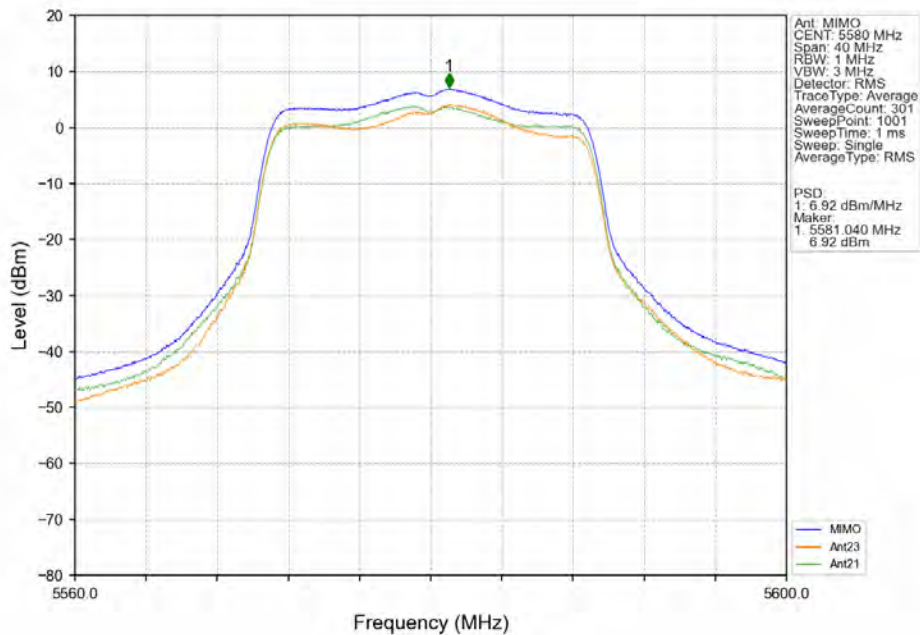
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802.11n(HT20)_MCH_5580MHz_Ant21_NTNV



802.11n(HT20)_MCH_5580MHz_MIMO_NTNV



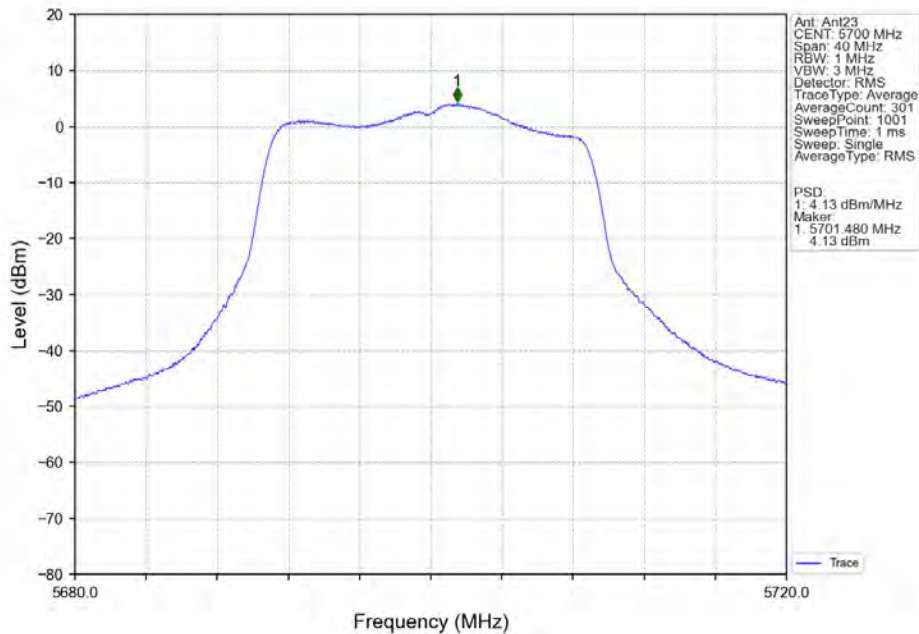
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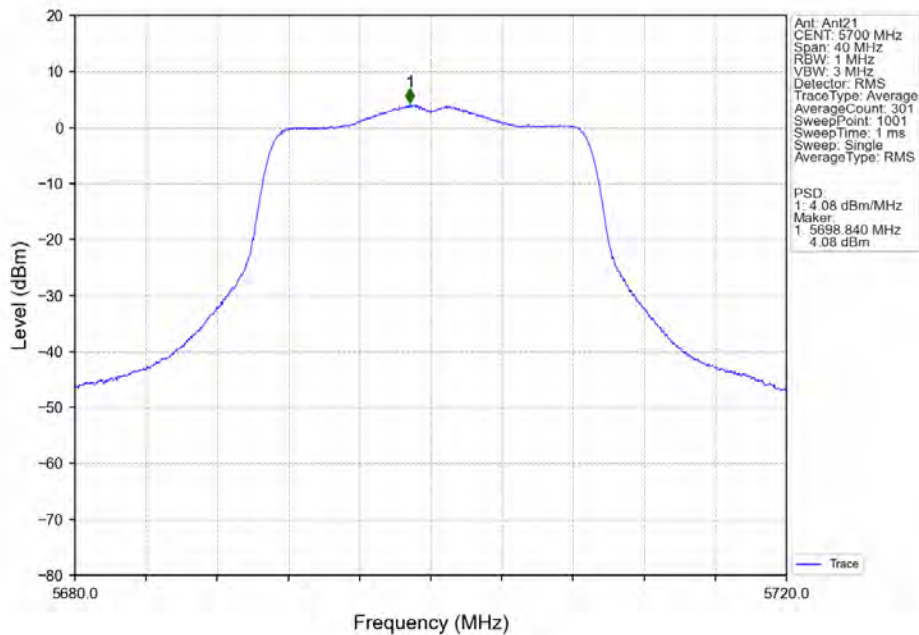
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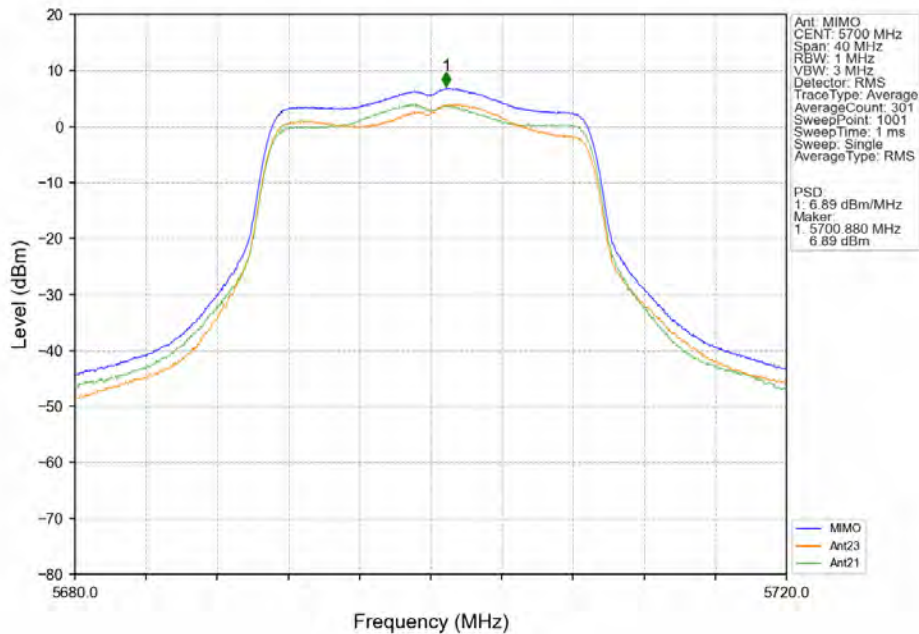
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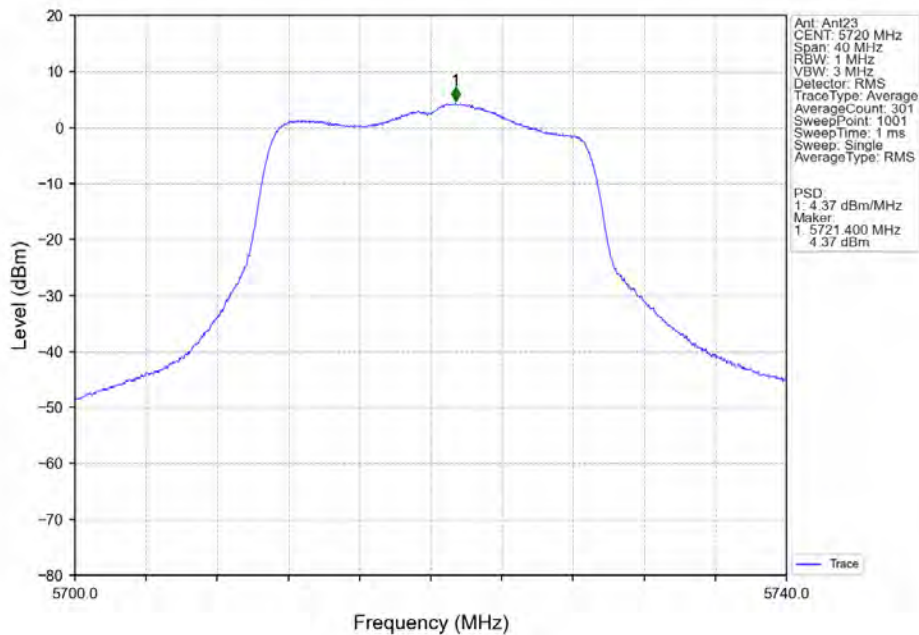
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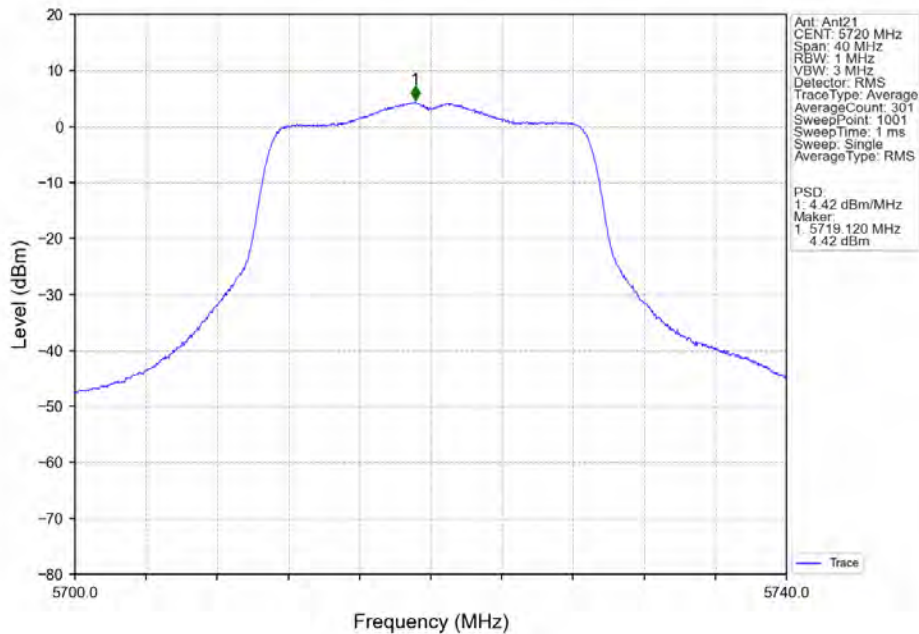
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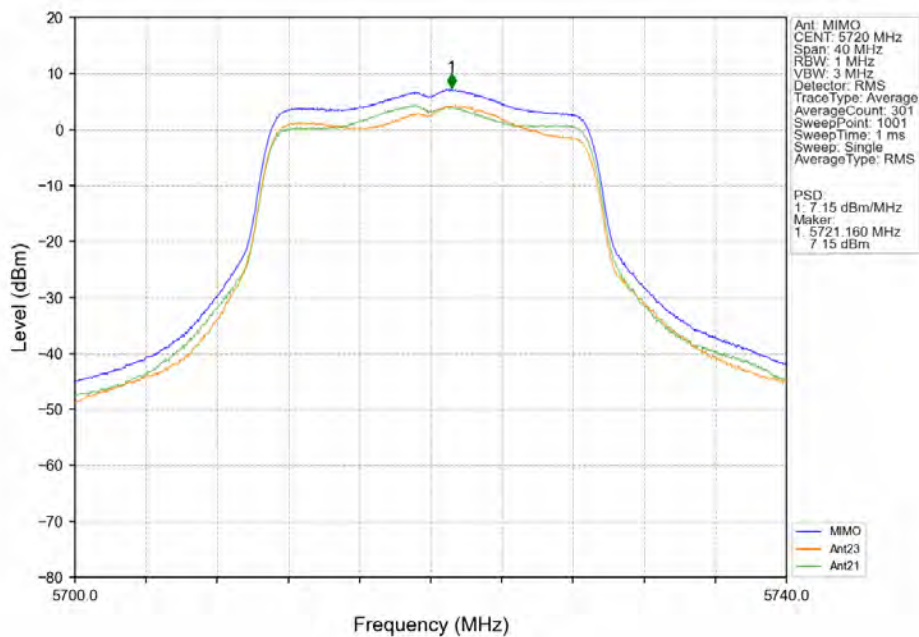
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802.11n(HT20)_HCH_5720MHz_Ant21_NTNV



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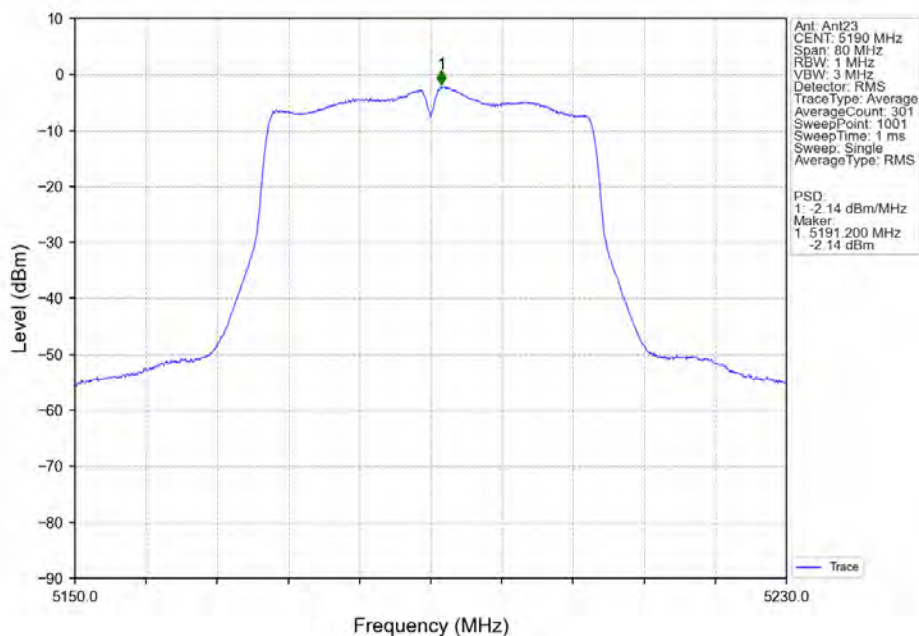
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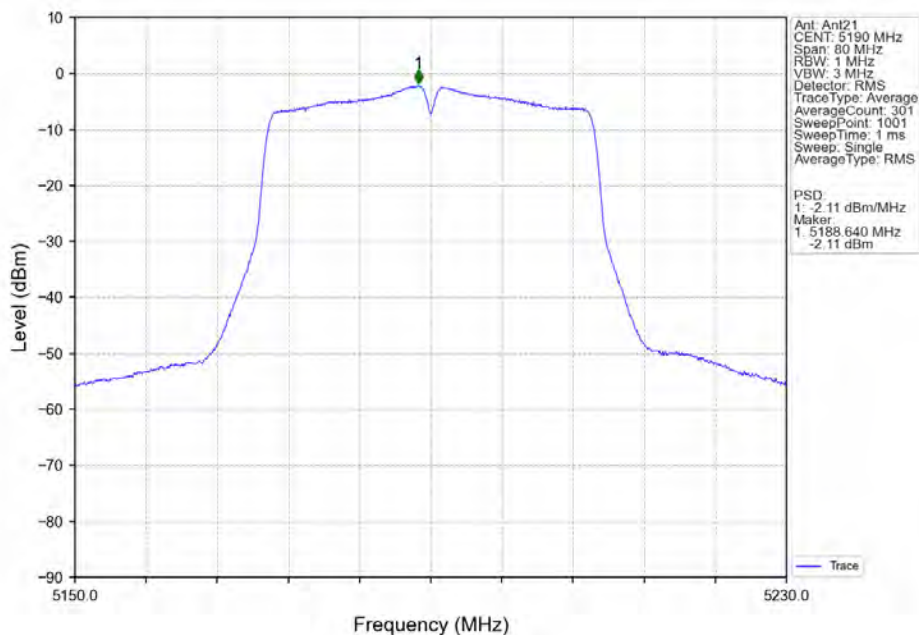
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802.11n(HT40)_LCH_5190MHz_Ant23_NTNV



802.11n(HT40)_LCH_5190MHz_Ant21_NTNV



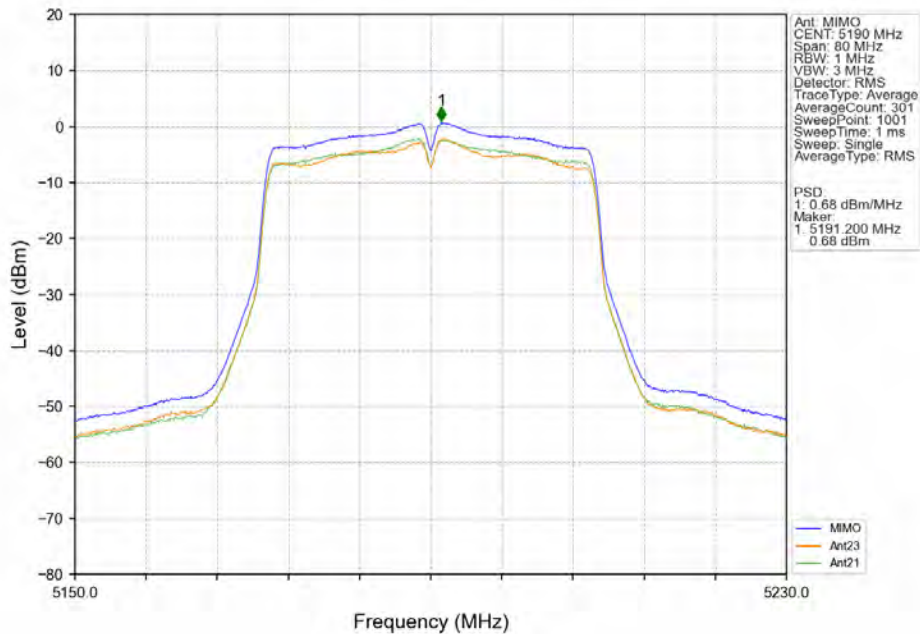
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802.11n(HT40)_LCH_5190MHz_MIMO_NTNV



802.11n(HT40)_HCH_5230MHz_Ant23_NTNV

