

Appendix A.7

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B14_5MHz_ERP

Band: 14 / Bandwidth: 5MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	790.5	1	0	24.34	0.80	22.99	<=34.77	Pass
			13	24.33	0.80	22.98	<=34.77	Pass
			24	24.11	0.80	22.76	<=34.77	Pass
		12	0	23.44	0.80	22.09	<=34.77	Pass
			6	23.41	0.80	22.06	<=34.77	Pass
			13	23.22	0.80	21.87	<=34.77	Pass
		25	0	23.39	0.80	22.04	<=34.77	Pass
			0	24.25	0.80	22.90	<=34.77	Pass
			13	24.29	0.80	22.94	<=34.77	Pass
	793	1	0	24.09	0.80	22.74	<=34.77	Pass
			0	23.36	0.80	22.01	<=34.77	Pass
			6	23.35	0.80	22.00	<=34.77	Pass
		12	13	23.21	0.80	21.86	<=34.77	Pass
			0	23.25	0.80	21.90	<=34.77	Pass
			0	24.30	0.80	22.95	<=34.77	Pass
		25	13	24.22	0.80	22.87	<=34.77	Pass
			24	24.11	0.80	22.76	<=34.77	Pass
			0	23.32	0.80	21.97	<=34.77	Pass
	795.5	12	6	23.40	0.80	22.05	<=34.77	Pass
			13	23.30	0.80	21.95	<=34.77	Pass
			0	23.30	0.80	21.95	<=34.77	Pass
16QAM	790.5	1	0	23.81	0.80	22.46	<=34.77	Pass
			13	23.53	0.80	22.18	<=34.77	Pass
			24	23.79	0.80	22.44	<=34.77	Pass
		12	0	22.27	0.80	20.92	<=34.77	Pass
			6	22.43	0.80	21.08	<=34.77	Pass
			13	22.29	0.80	20.94	<=34.77	Pass
		25	0	22.34	0.80	20.99	<=34.77	Pass
			0	23.65	0.80	22.30	<=34.77	Pass
			13	23.56	0.80	22.21	<=34.77	Pass
	793	1	24	23.25	0.80	21.90	<=34.77	Pass
			0	22.32	0.80	20.97	<=34.77	Pass
			6	22.35	0.80	21.00	<=34.77	Pass
		12	13	22.22	0.80	20.87	<=34.77	Pass
			0	22.33	0.80	20.98	<=34.77	Pass
			0	23.69	0.80	22.34	<=34.77	Pass
		25	13	23.72	0.80	22.37	<=34.77	Pass
			24	23.70	0.80	22.35	<=34.77	Pass
			0	22.27	0.80	20.92	<=34.77	Pass
	795.5	12	6	22.39	0.80	21.04	<=34.77	Pass

64QAM	790.5	25	13	22.29	0.80	20.94	<=34.77	Pass
			0	22.28	0.80	20.93	<=34.77	Pass
	790.5	1	0	23.53	0.80	22.18	<=34.77	Pass
			13	23.48	0.80	22.13	<=34.77	Pass
			24	23.38	0.80	22.03	<=34.77	Pass
		12	0	22.51	0.80	21.16	<=34.77	Pass
			6	22.39	0.80	21.04	<=34.77	Pass
			13	22.29	0.80	20.94	<=34.77	Pass
	793	25	0	22.42	0.80	21.07	<=34.77	Pass
			0	23.60	0.80	22.25	<=34.77	Pass
			13	23.49	0.80	22.14	<=34.77	Pass
		1	24	23.49	0.80	22.14	<=34.77	Pass
			0	22.33	0.80	20.98	<=34.77	Pass
		12	6	22.28	0.80	20.93	<=34.77	Pass
			13	22.22	0.80	20.87	<=34.77	Pass
			25	22.28	0.80	20.93	<=34.77	Pass
	795.5	1	0	23.73	0.80	22.38	<=34.77	Pass
			13	23.57	0.80	22.22	<=34.77	Pass
			24	23.45	0.80	22.10	<=34.77	Pass
		12	0	22.45	0.80	21.10	<=34.77	Pass
			6	22.36	0.80	21.01	<=34.77	Pass
			13	22.23	0.80	20.88	<=34.77	Pass
		25	0	22.37	0.80	21.02	<=34.77	Pass
			0	19.73	0.80	18.38	<=34.77	Pass
256QAM	790.5	1	13	19.41	0.80	18.06	<=34.77	Pass
			24	19.60	0.80	18.25	<=34.77	Pass
			0	19.41	0.80	18.06	<=34.77	Pass
		12	6	19.47	0.80	18.12	<=34.77	Pass
			13	19.25	0.80	17.90	<=34.77	Pass
			25	19.43	0.80	18.08	<=34.77	Pass
	793	1	0	19.44	0.80	18.09	<=34.77	Pass
			13	19.56	0.80	18.21	<=34.77	Pass
			24	19.61	0.80	18.26	<=34.77	Pass
		12	0	19.42	0.80	18.07	<=34.77	Pass
			6	19.35	0.80	18.00	<=34.77	Pass
			13	19.32	0.80	17.97	<=34.77	Pass
		25	0	19.23	0.80	17.88	<=34.77	Pass
	795.5	1	0	19.62	0.80	18.27	<=34.77	Pass
			13	19.54	0.80	18.19	<=34.77	Pass
			24	19.60	0.80	18.25	<=34.77	Pass
		12	0	19.38	0.80	18.03	<=34.77	Pass
			6	19.44	0.80	18.09	<=34.77	Pass
			13	19.34	0.80	17.99	<=34.77	Pass
		25	0	19.37	0.80	18.02	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.2 B14_10MHz_ERP

Band: 14 / Bandwidth: 10MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	

QPSK	793	1	0	24.33	0.80	22.98	<=34.77	Pass
			25	24.18	0.80	22.83	<=34.77	Pass
			49	23.97	0.80	22.62	<=34.77	Pass
		25	0	23.39	0.80	22.04	<=34.77	Pass
			13	23.21	0.80	21.86	<=34.77	Pass
			25	23.33	0.80	21.98	<=34.77	Pass
		50	0	23.17	0.80	21.82	<=34.77	Pass
16QAM	793	1	0	23.72	0.80	22.37	<=34.77	Pass
			25	23.49	0.80	22.14	<=34.77	Pass
			49	23.46	0.80	22.11	<=34.77	Pass
		25	0	22.42	0.80	21.07	<=34.77	Pass
			13	22.34	0.80	20.99	<=34.77	Pass
			25	22.39	0.80	21.04	<=34.77	Pass
		50	0	22.29	0.80	20.94	<=34.77	Pass
64QAM	793	1	0	23.57	0.80	22.22	<=34.77	Pass
			25	23.34	0.80	21.99	<=34.77	Pass
			49	23.36	0.80	22.01	<=34.77	Pass
		25	0	22.37	0.80	21.02	<=34.77	Pass
			13	22.33	0.80	20.98	<=34.77	Pass
			25	22.28	0.80	20.93	<=34.77	Pass
		50	0	22.20	0.80	20.85	<=34.77	Pass
256QAM	793	1	0	19.39	0.80	18.04	<=34.77	Pass
			25	19.36	0.80	18.01	<=34.77	Pass
			49	19.49	0.80	18.14	<=34.77	Pass
		25	0	19.33	0.80	17.98	<=34.77	Pass
			13	19.35	0.80	18.00	<=34.77	Pass
			25	19.28	0.80	17.93	<=34.77	Pass
		50	0	19.25	0.80	17.90	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

2. Frequency Stability

2.1 Test Result

2.1.1 B14_10MHz

Band: 14 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	793	50	0	20	3.27	-1.000	-0.0013	-2.5 to 2.5	Pass
					3.85	0.600	0.0008	-2.5 to 2.5	Pass
					4.43	-0.900	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-0.500	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-0.200	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-1.500	-0.0019	-2.5 to 2.5	Pass
				10	3.85	0.300	0.0004	-2.5 to 2.5	Pass
				30	3.85	-1.000	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-0.700	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-0.700	-0.0009	-2.5 to 2.5	Pass



3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band14_OBW

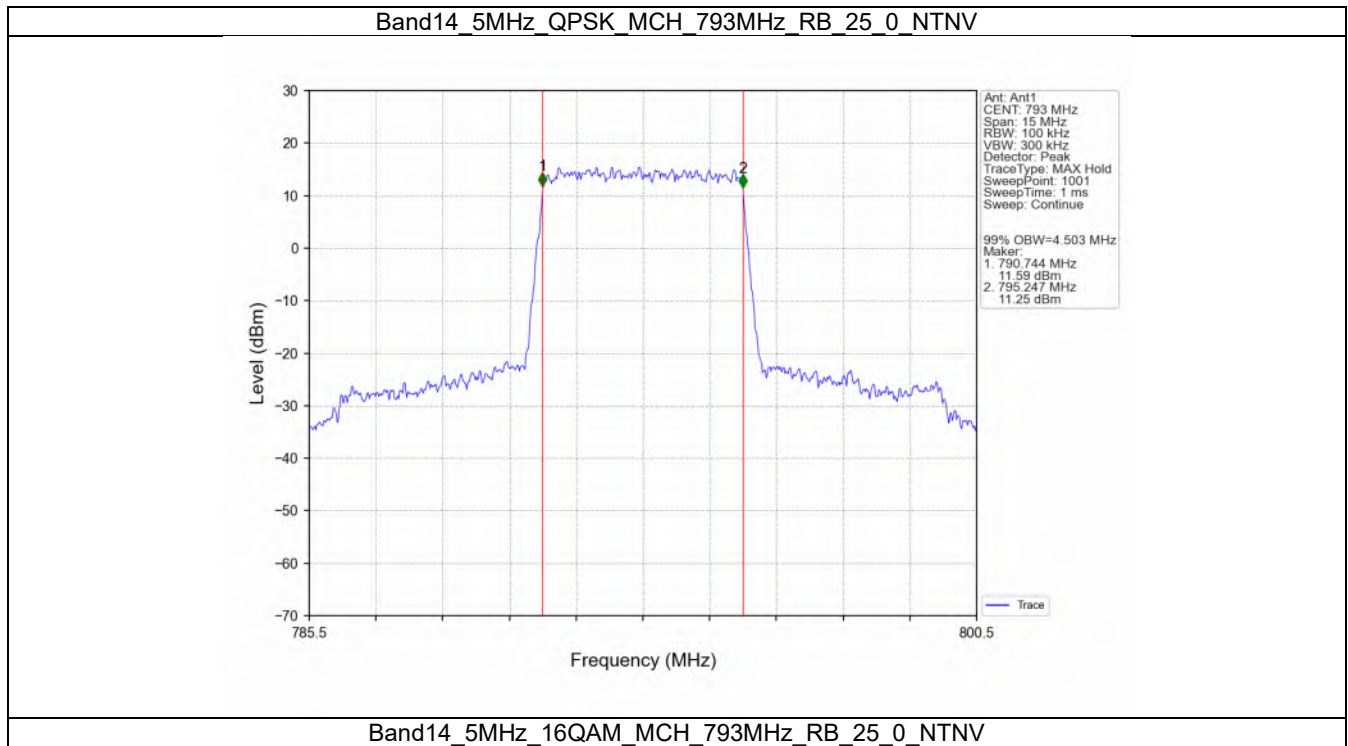
Band: 14 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	793	25	0	4.503	/	Pass
	16QAM	793	25	0	4.503	/	Pass
	64QAM	793	25	0	4.490	/	Pass
	256QAM	793	25	0	4.484	/	Pass
10	QPSK	793	50	0	8.946	/	Pass
	16QAM	793	50	0	8.910	/	Pass
	64QAM	793	50	0	8.934	/	Pass
	256QAM	793	50	0	8.946	/	Pass

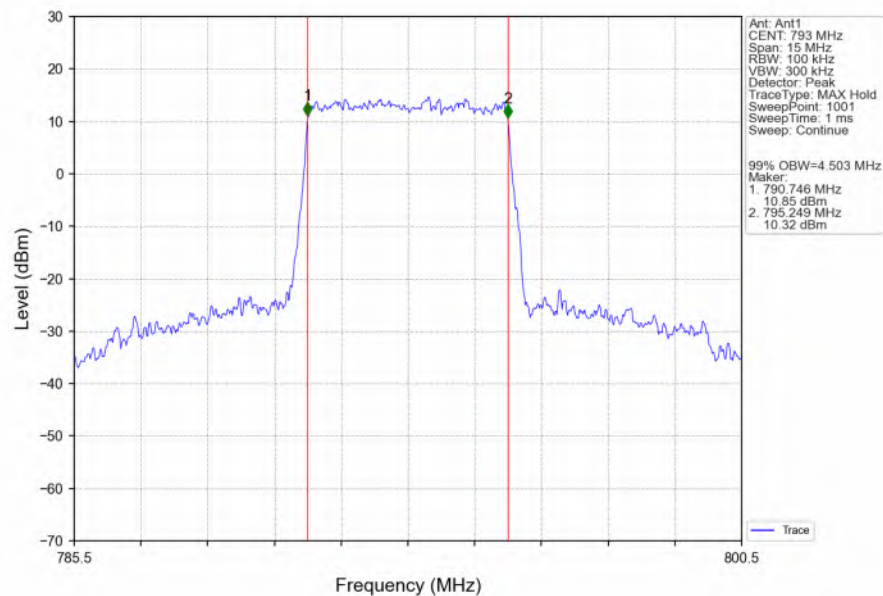
3.1.2 Band14_XDB

Band: 14 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	793	25	0	4.995	/	Pass
	16QAM	793	25	0	4.982	/	Pass
	64QAM	793	25	0	4.945	/	Pass
	256QAM	793	25	0	4.915	/	Pass
10	QPSK	793	50	0	9.654	/	Pass
	16QAM	793	50	0	9.583	/	Pass
	64QAM	793	50	0	9.598	/	Pass
	256QAM	793	50	0	9.646	/	Pass

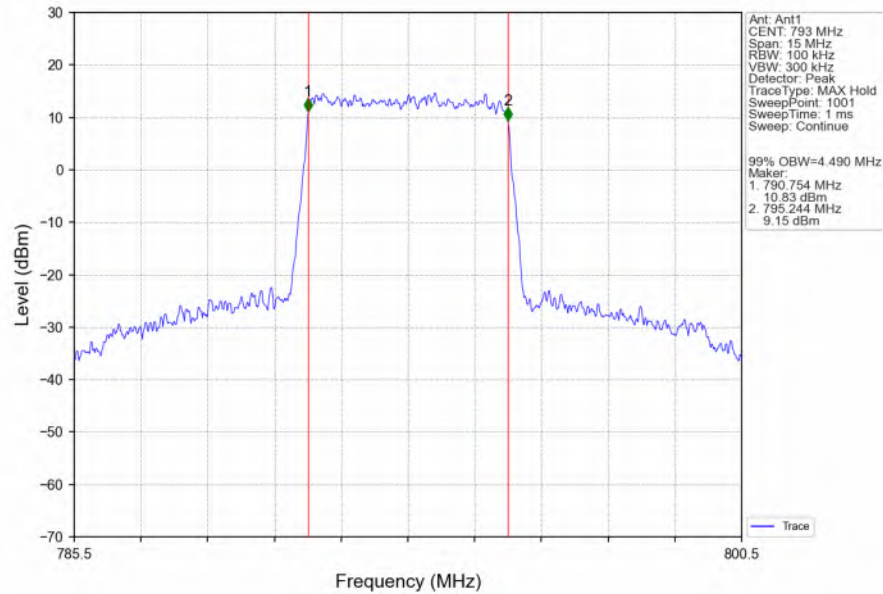
3.2 Test Graph

3.2.1 Band14_OBW

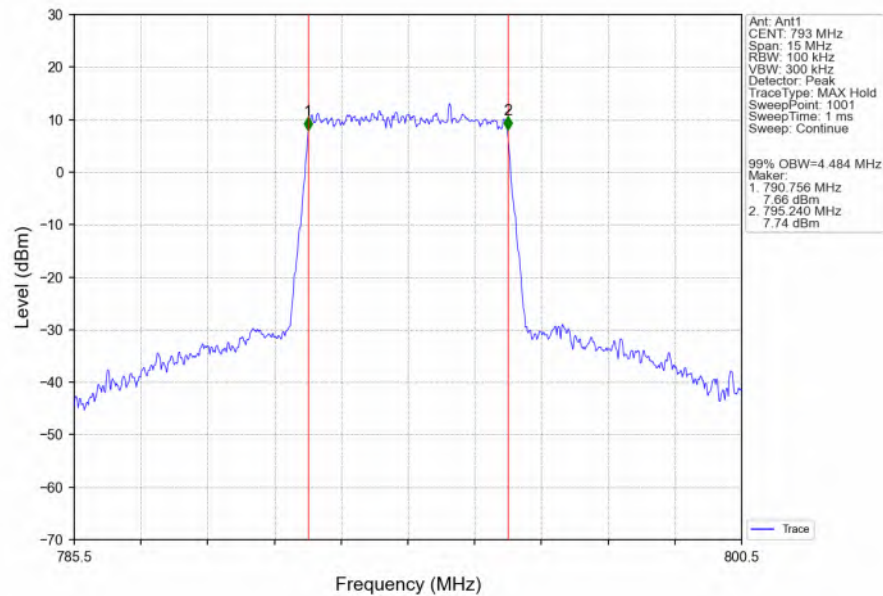




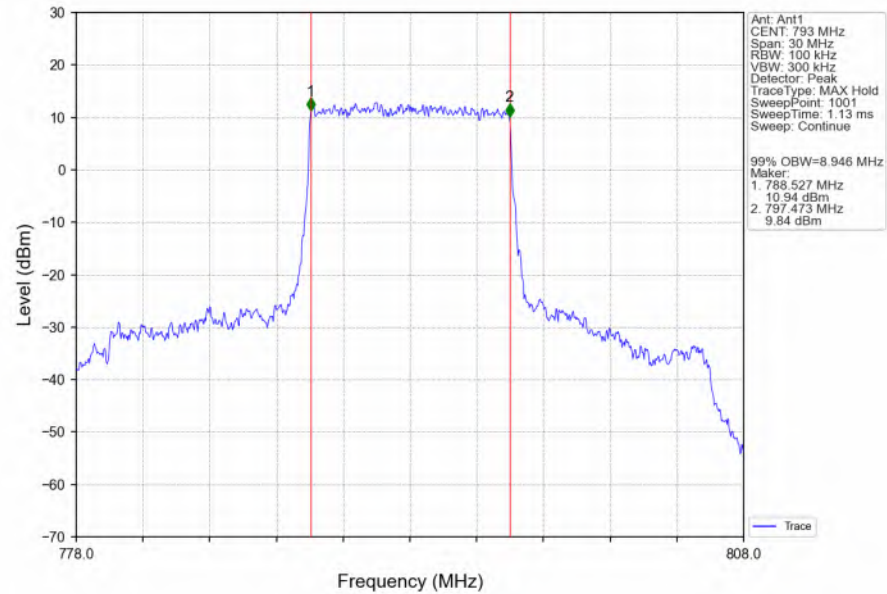
Band14_5MHz_64QAM_MCH_793MHz_RB_25_0_NTNV



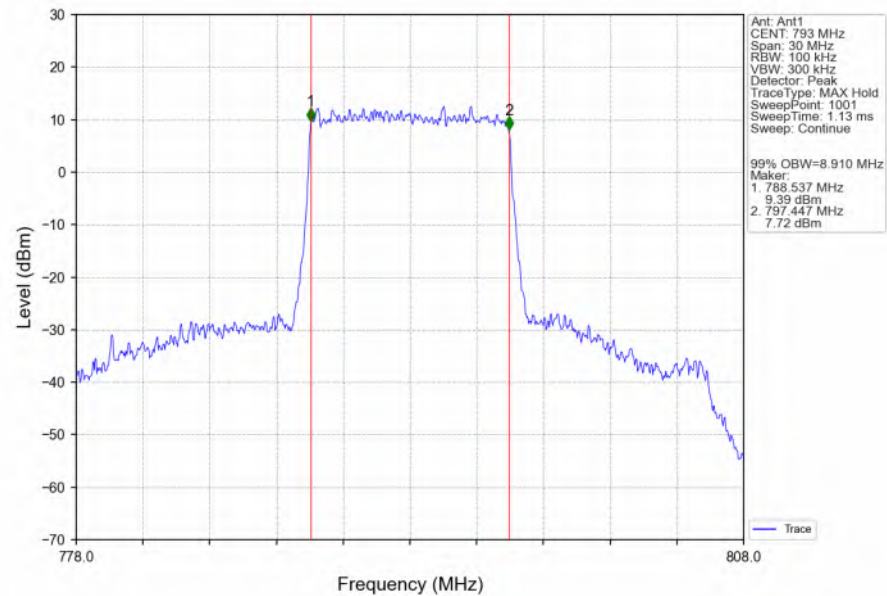
Band14_5MHz_256QAM_MCH_793MHz_RB_25_0_NTNV



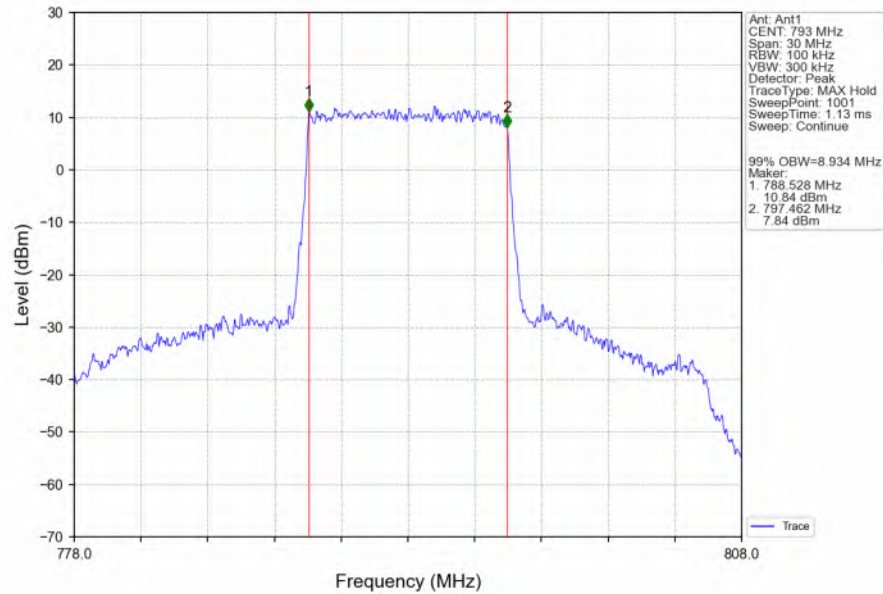
Band14_10MHz_QPSK_MCH_793MHz_RB_50_0_NTNV



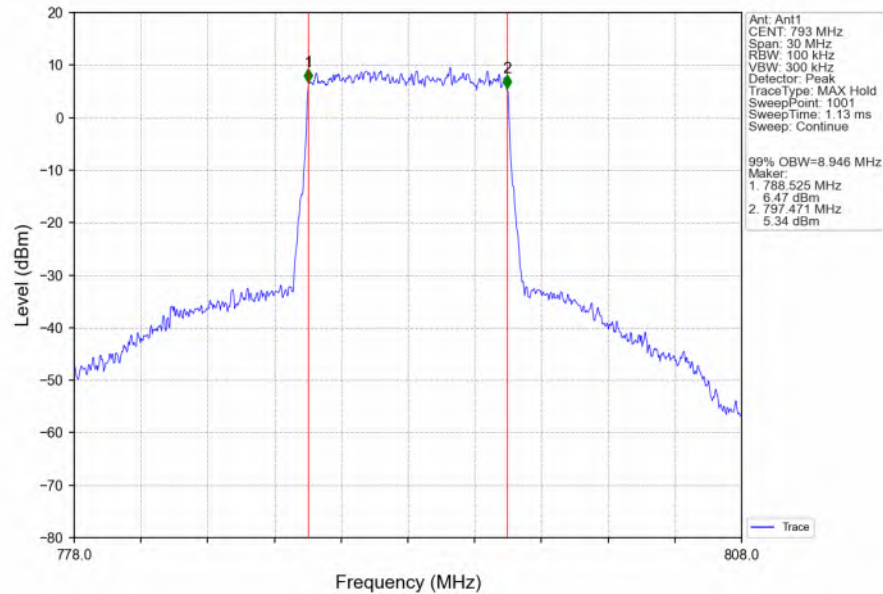
Band14_10MHz_16QAM_MCH_793MHz_RB_50_0_NTNV



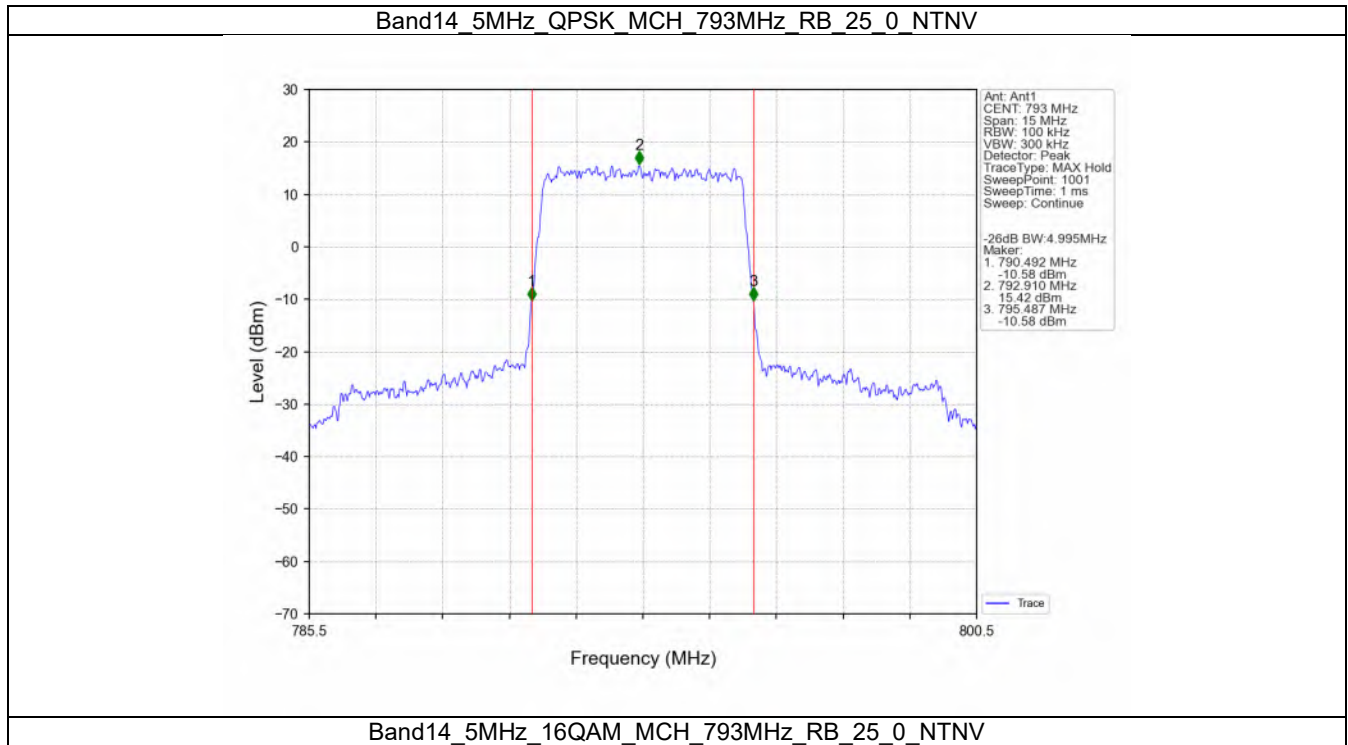
Band14_10MHz_64QAM_MCH_793MHz_RB_50_0_NTNV

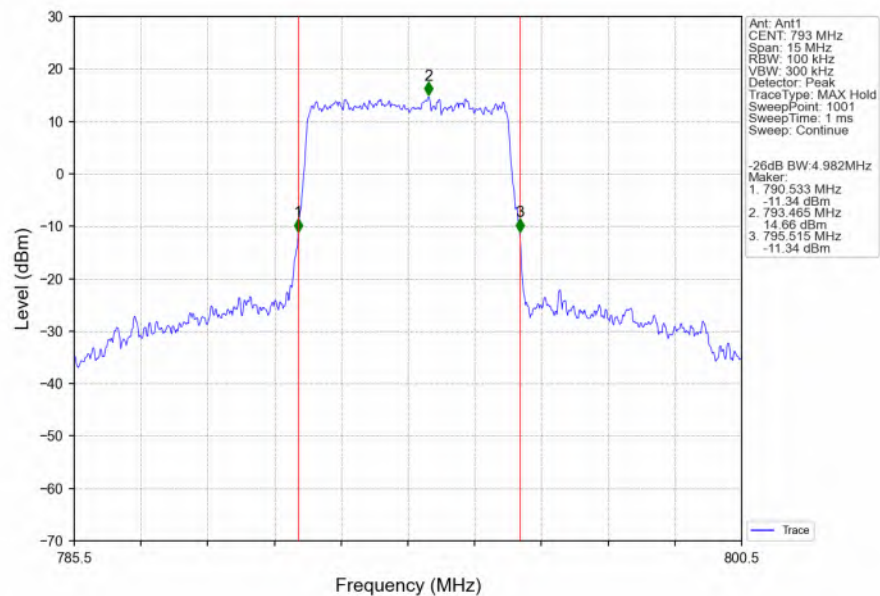


Band14_10MHz_256QAM_MCH_793MHz_RB_50_0_NTNV

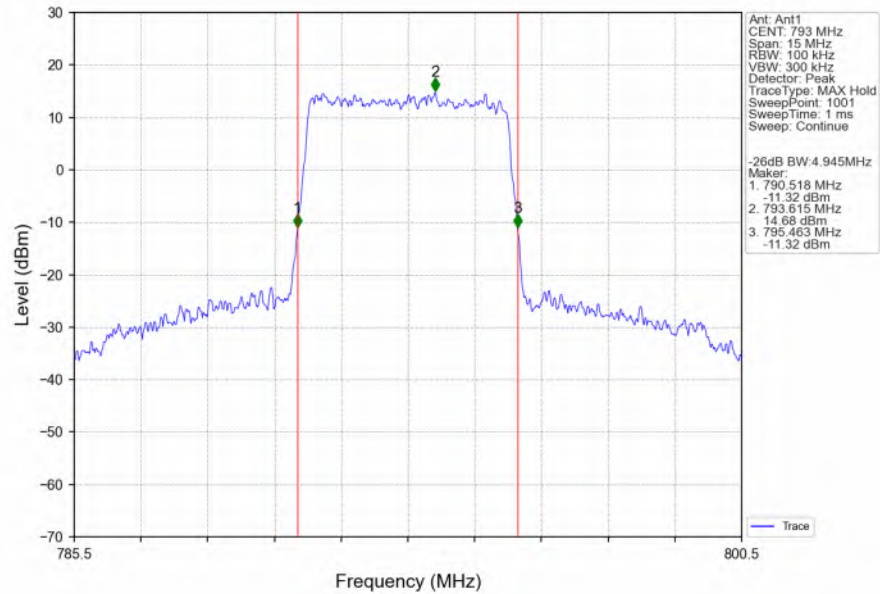


3.2.2 Band14_XDB

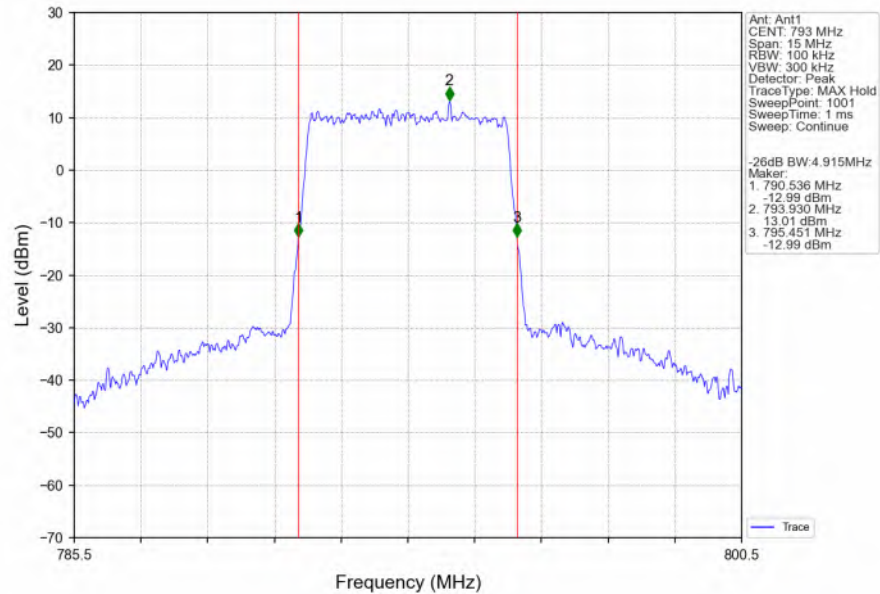




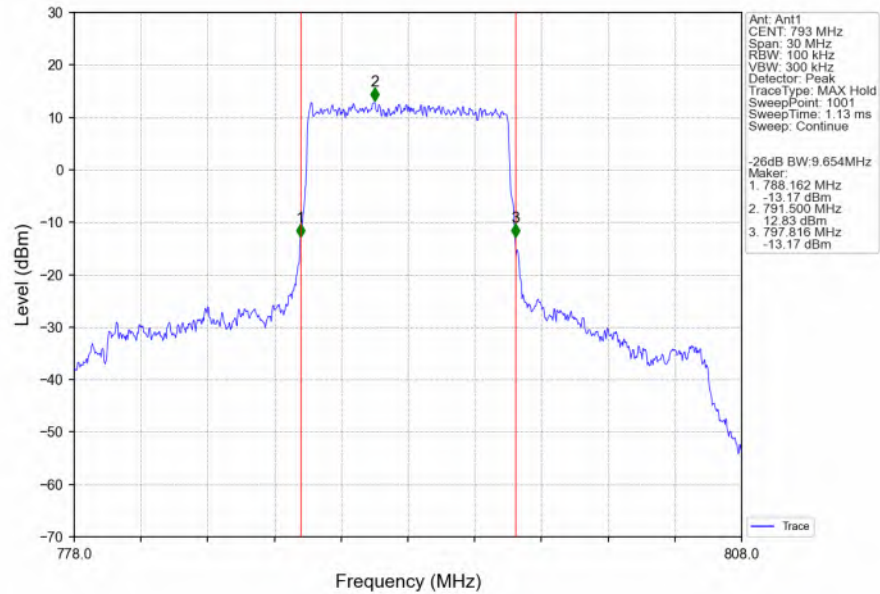
Band14_5MHz_64QAM_MCH_793MHz_RB_25_0_NTNV



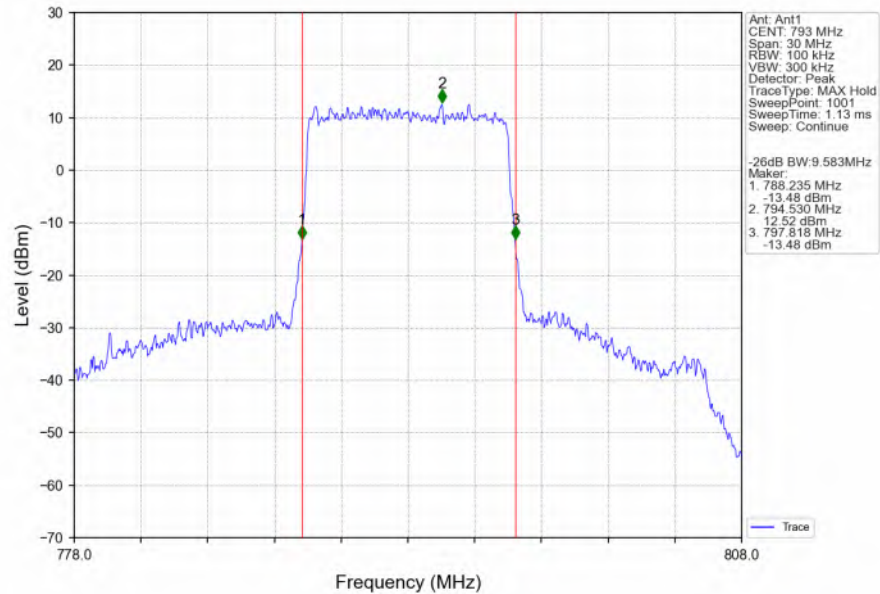
Band14_5MHz_256QAM_MCH_793MHz_RB_25_0_NTNV



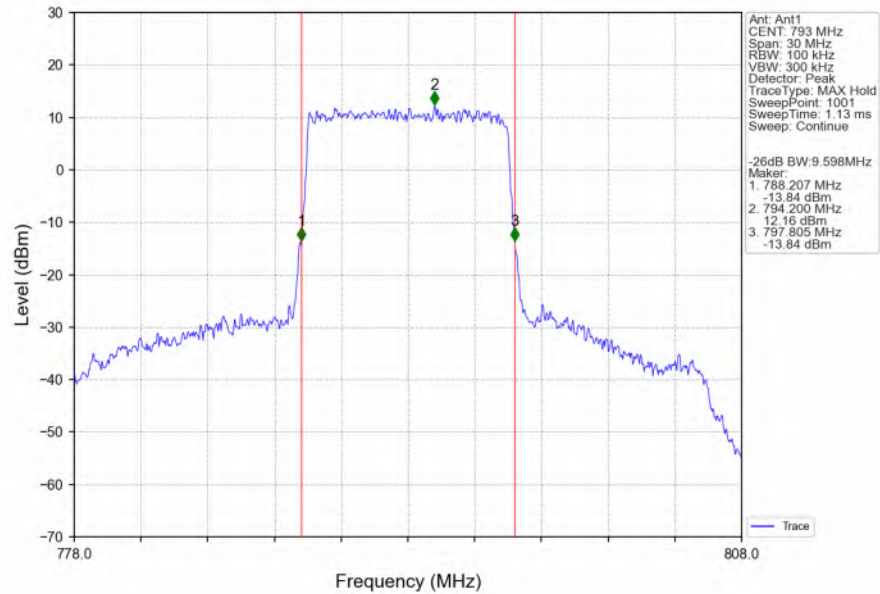
Band14_10MHz_QPSK_MCH_793MHz_RB_50_0_NTNV



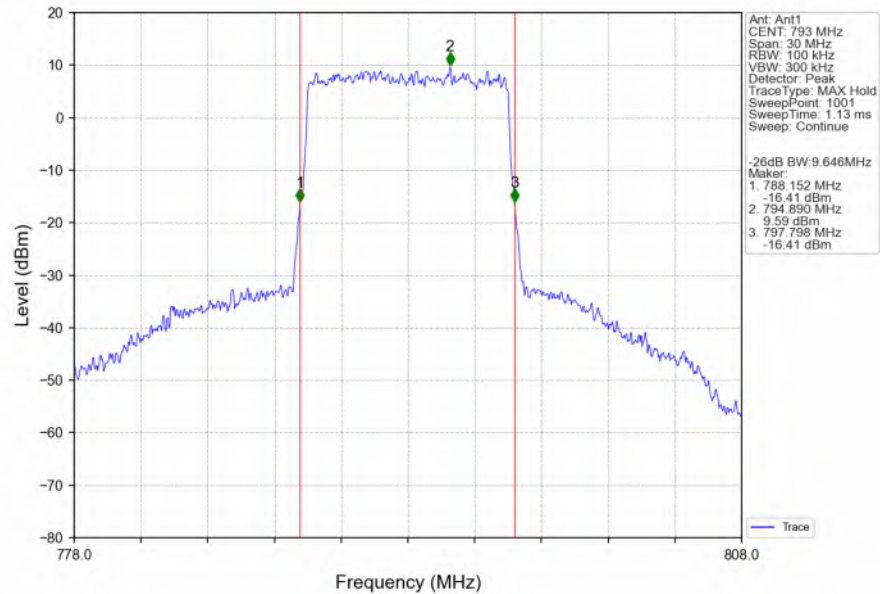
Band14_10MHz_16QAM_MCH_793MHz_RB_50_0_NTNV



Band14_10MHz_64QAM_MCH_793MHz_RB_50_0_NTNV



Band14_10MHz_256QAM_MCH_793MHz_RB_50_0_NTNV





4. Peak-Average Ratio

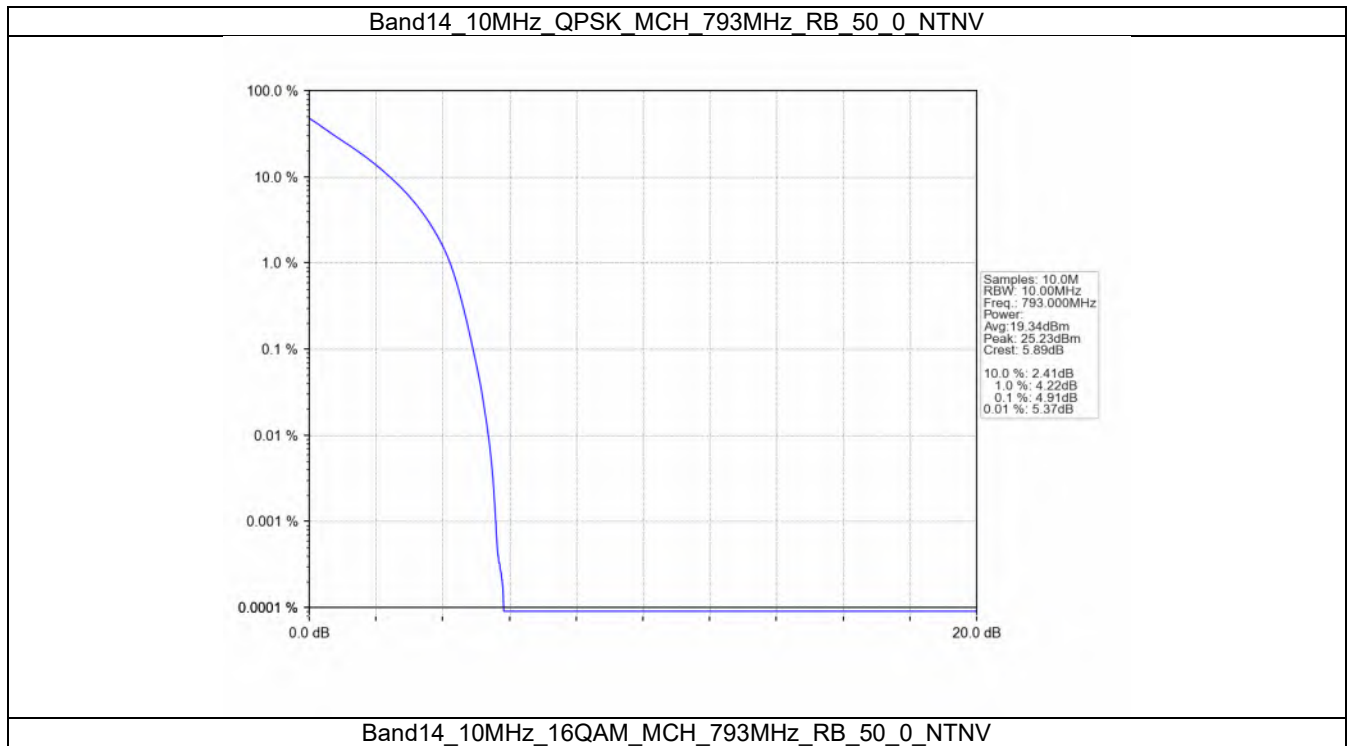
4.1 Test Result

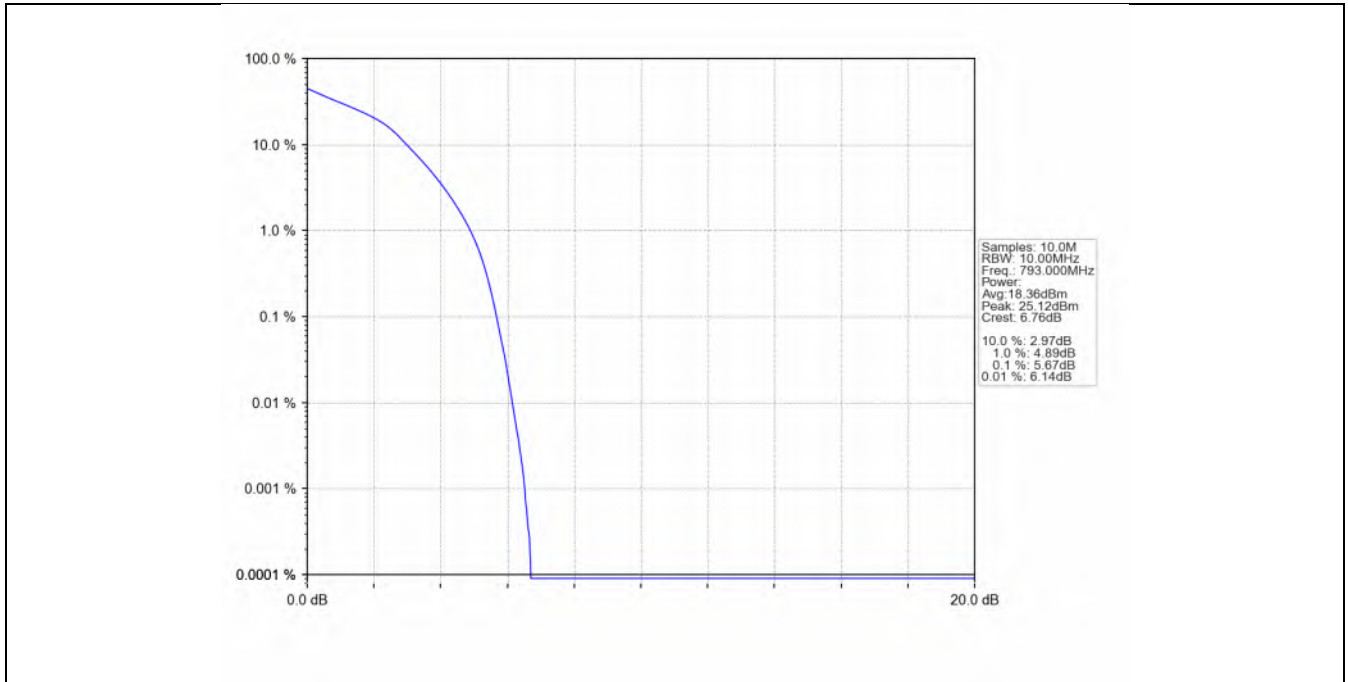
4.1.1 B14_10MHz

Band: 14 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	793	50	0	4.91	<=13	Pass
16QAM	793	50	0	5.67	<=13	Pass
64QAM	793	50	0	5.67	<=13	Pass
256QAM	793	50	0	6.62	<=13	Pass

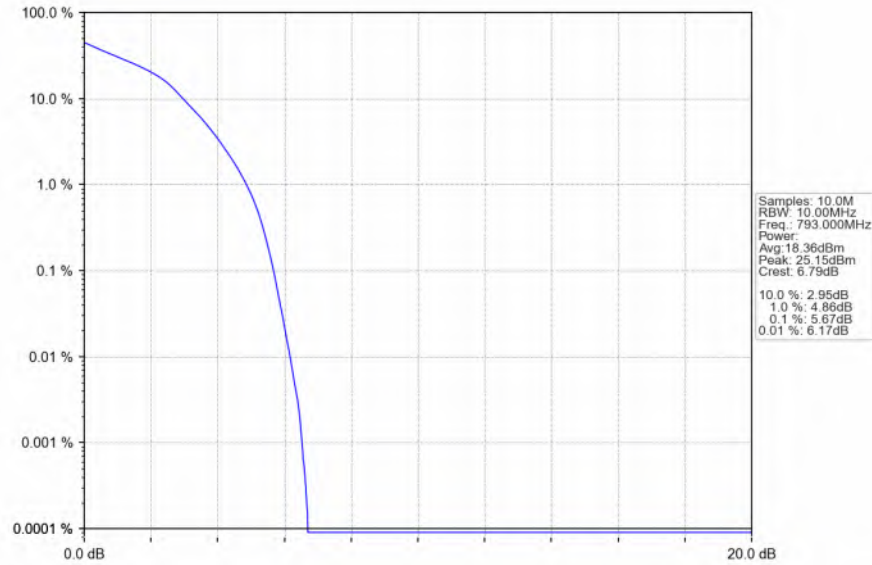
4.2 Test Graph

4.2.1 B14_10MHz

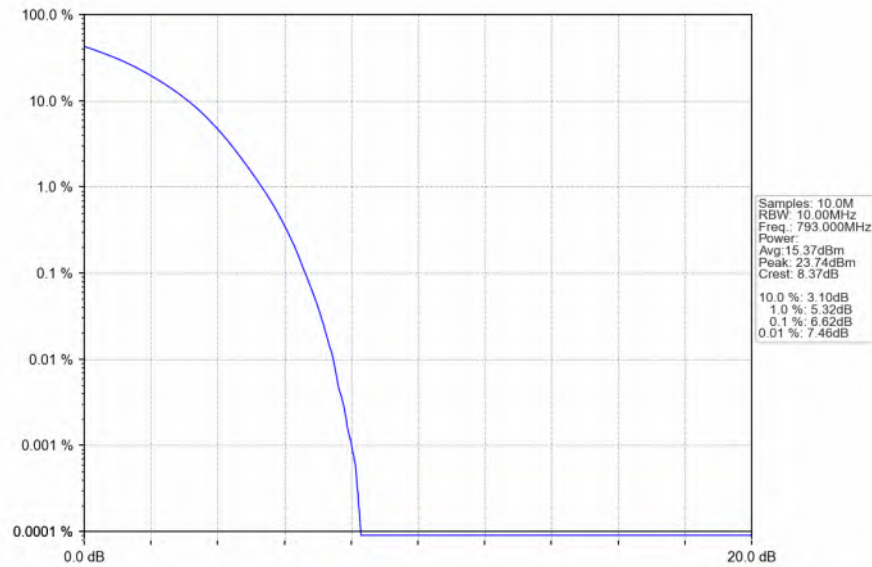




Band14_10MHz_64QAM_MCH_793MHz_RB_50_0_NTNV



Band14_10MHz_256QAM_MCH_793MHz_RB_50_0_NTNV





5. Spurious Emission

5.1 Test Result

5.1.1 B14_5MHz

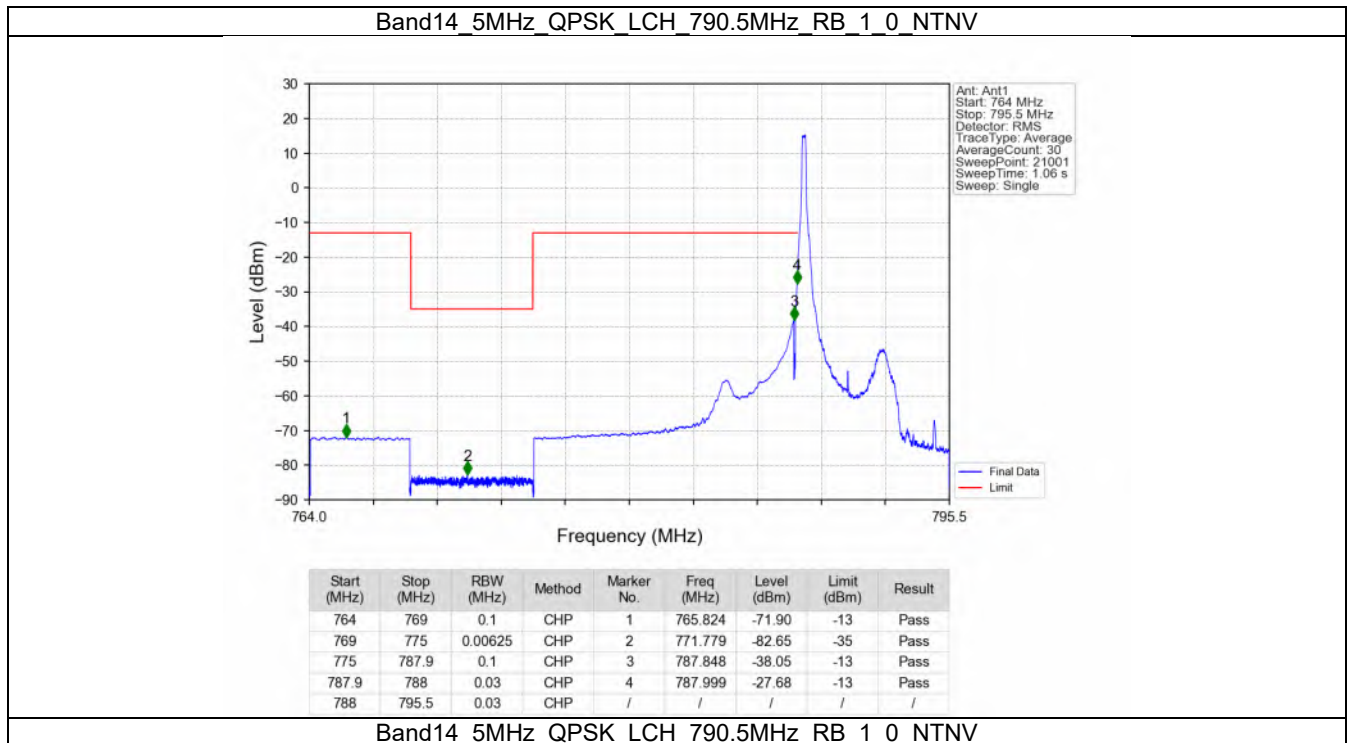
Band: 14 / Bandwidth: 5MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	790.5	1	0	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
	793	1	0	Refer To Test Graph	Pass
	795.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

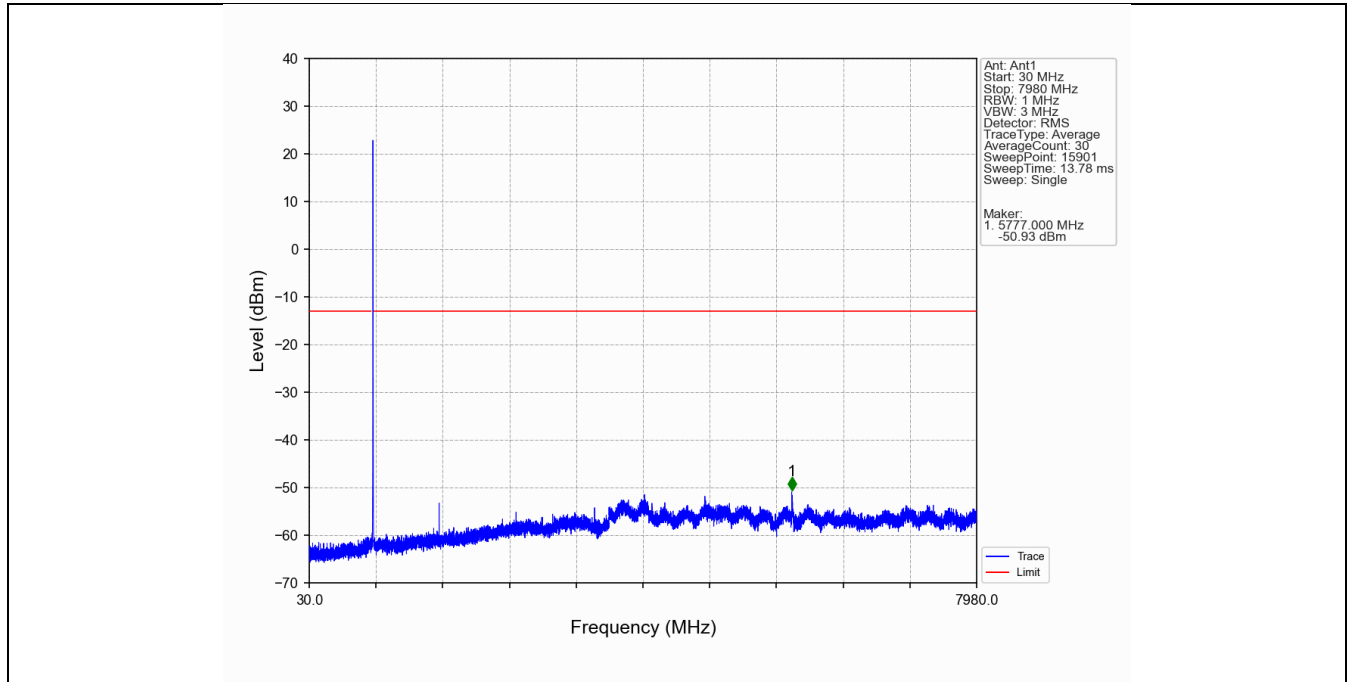
5.1.2 B14_10MHz

Band: 14 / Bandwidth: 10MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	793	1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	793	1	49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass

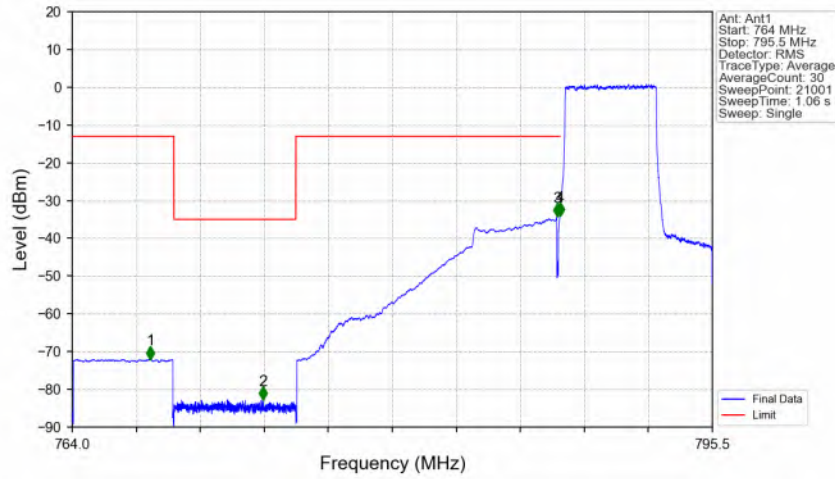
5.2 Test Graph

5.2.1 B14_5MHz



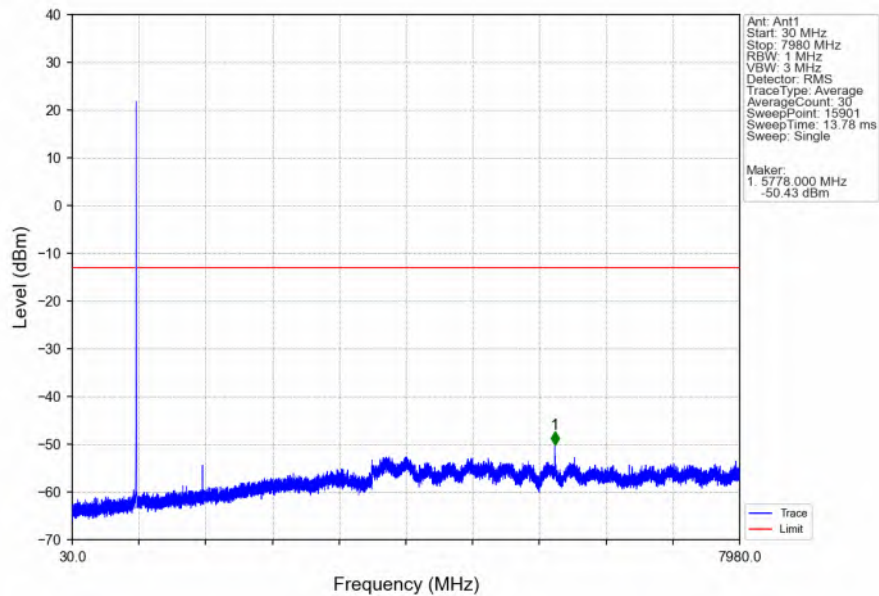


Band14_5MHz_QPSK_LCH_790.5MHz_RB_25_0_NTNV

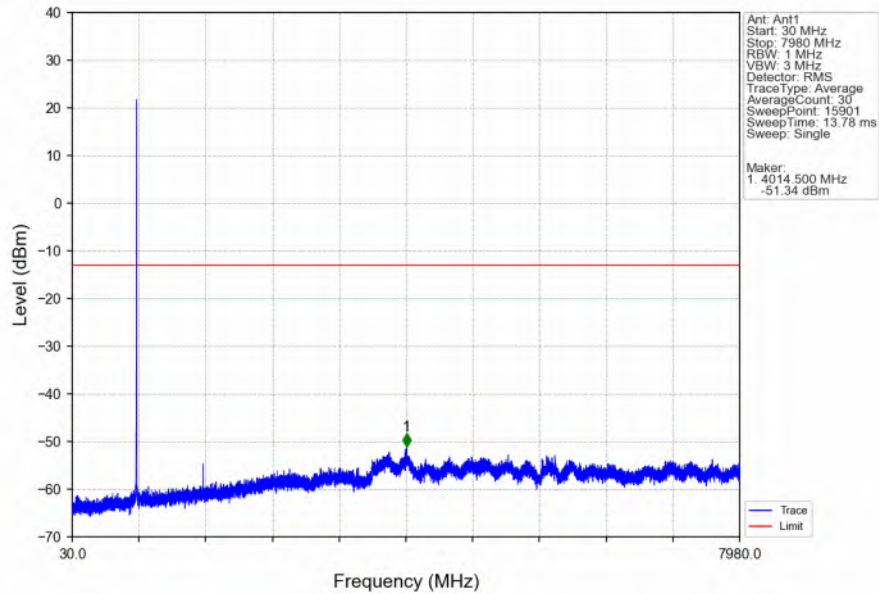


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	769	0.1	CHP	1	767.843	-72.01	-13	Pass
769	775	0.00625	CHP	2	773.400	-82.69	-35	Pass
775	787.9	0.1	CHP	3	787.848	-34.20	-13	Pass
787.9	788	0.03	CHP	4	787.999	-34.05	-13	Pass
788	795.5	0.03	CHP	/	/	/	/	/

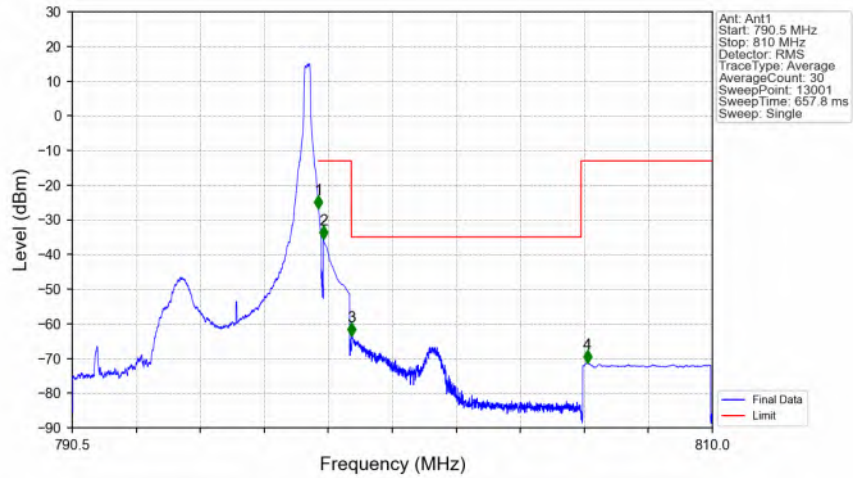
Band14_5MHz_QPSK_MCH_793MHz_RB_1_0_NTNV



Band14_5MHz_QPSK_HCH_795.5MHz_RB_1_0_NTNV

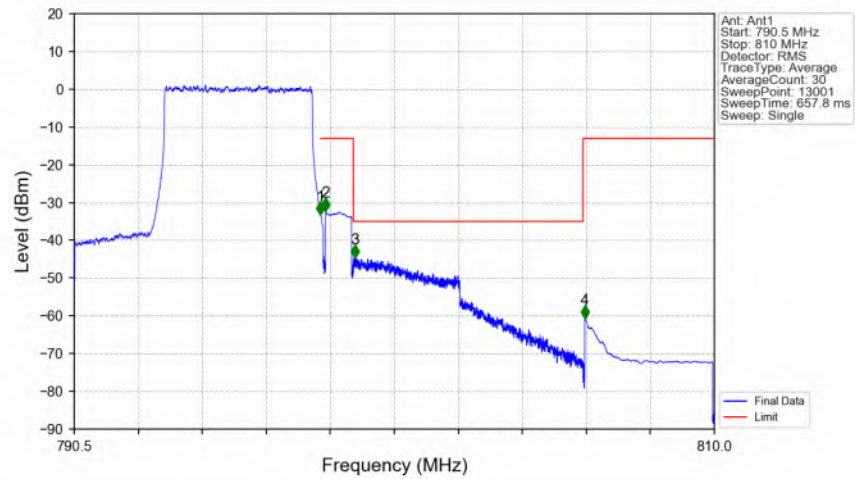


Band14_5MHz_QPSK_HCH_795.5MHz_RB_1_24_NTNV



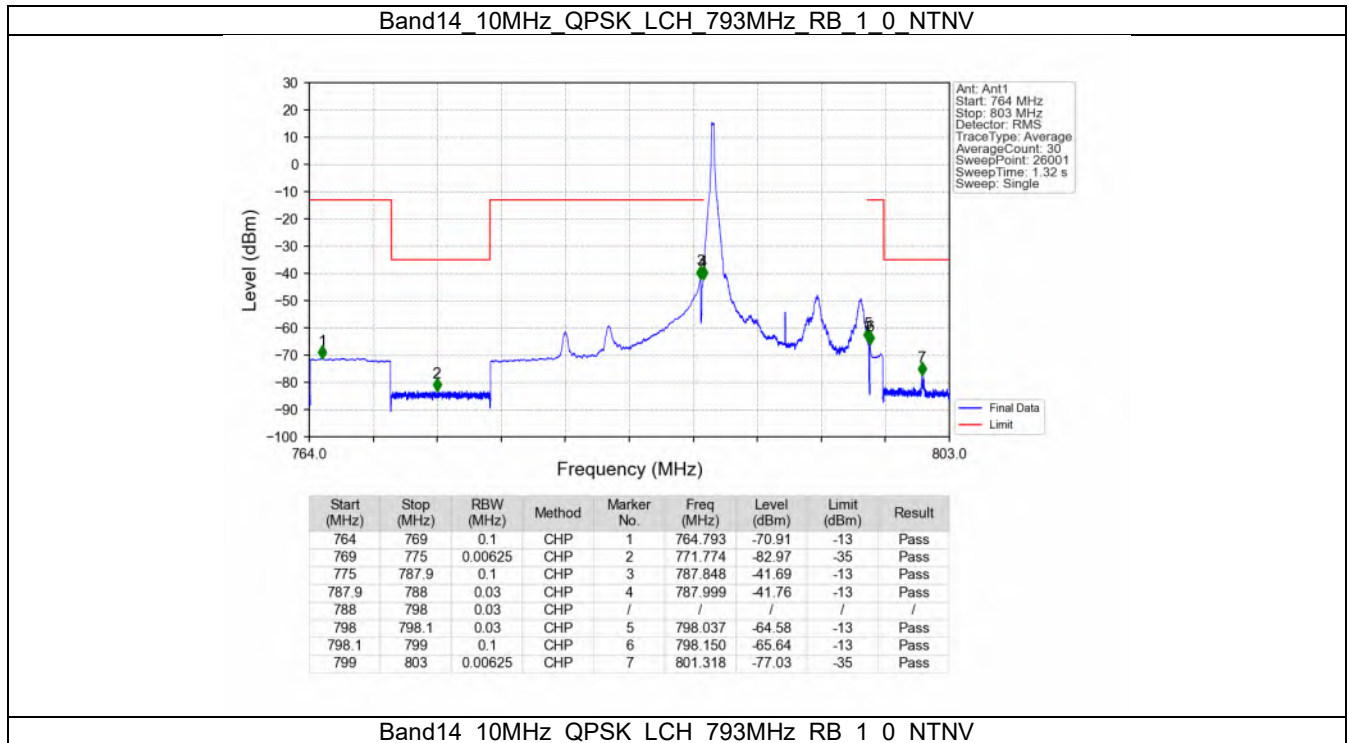
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
790.5	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	1	798.001	-26.78	-13	Pass
798.1	799	0.1	CHP	2	798.152	-35.46	-13	Pass
799	806	0.00625	CHP	3	799.010	-63.57	-35	Pass
806	810	0.1	CHP	4	806.188	-71.26	-13	Pass

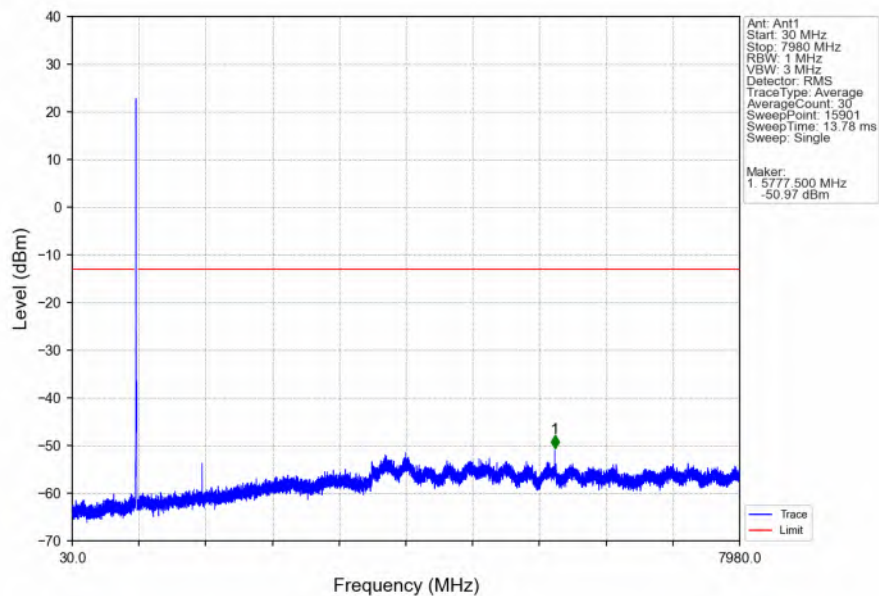
Band14_5MHz_QPSK_HCH_795.5MHz_RB_25_0_NTNV



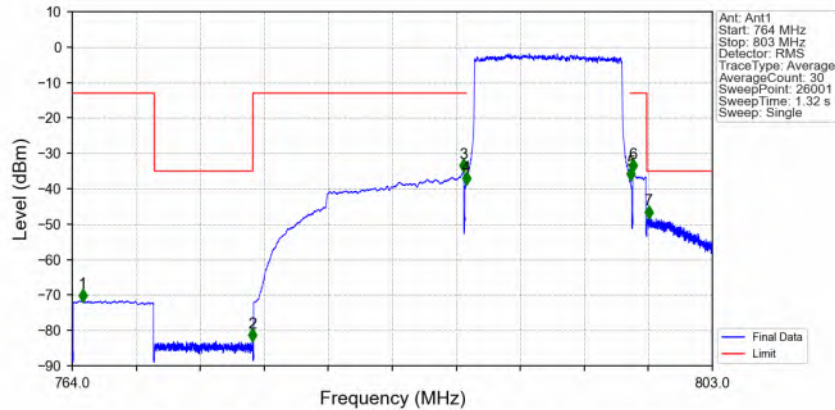
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
790.5	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	1	798.001	-33.15	-13	Pass
798.1	799	0.1	CHP	2	798.152	-32.30	-13	Pass
799	806	0.00625	CHP	3	799.045	-44.62	-35	Pass
806	810	0.1	CHP	4	806.057	-60.60	-13	Pass

5.2.2 B14_10MHz



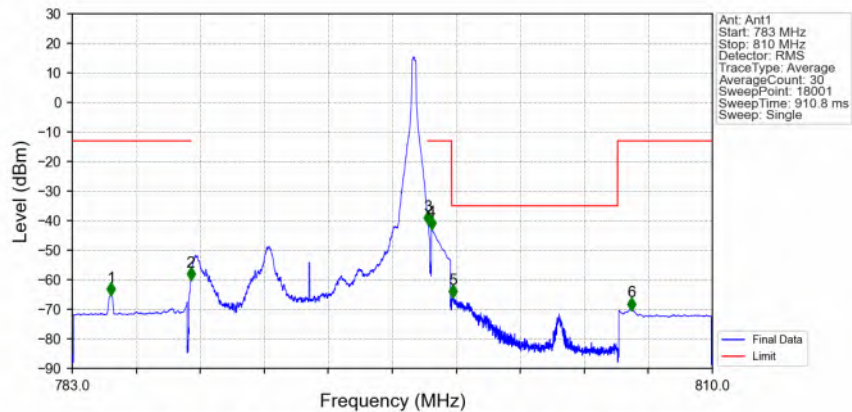


Band14_10MHz_QPSK_LCH_793MHz_RB_50_0_NTNV



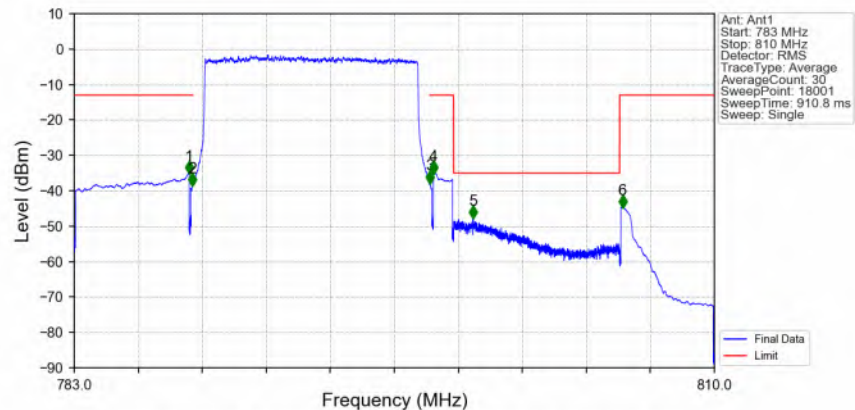
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	769	0.1	CHP	1	764.640	-71.64	-13	Pass
769	775	0.00625	CHP	2	774.989	-82.83	-35	Pass
775	787.9	0.1	CHP	3	787.814	-35.01	-13	Pass
787.9	788	0.03	CHP	4	787.999	-38.59	-13	Pass
788	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	5	798.002	-37.26	-13	Pass
798.1	799	0.1	CHP	6	798.150	-34.94	-13	Pass
799	803	0.00625	CHP	7	799.142	-48.14	-35	Pass

Band14_10MHz_QPSK_HCH_793MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
783	787.9	0.1	CHP	1	784.632	-65.04	-13	Pass
787.9	788	0.03	CHP	2	788.000	-59.95	-13	Pass
788	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	3	798.001	-41.00	-13	Pass
798.1	799	0.1	CHP	4	798.152	-42.68	-13	Pass
799	806	0.00625	CHP	5	799.041	-65.82	-35	Pass
806	810	0.1	CHP	6	806.576	-69.98	-13	Pass

Band14_10MHz_QPSK_HCH_793MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
783	787.9	0.1	CHP	1	787.841	-35.00	-13	Pass
787.9	788	0.03	CHP	2	787.994	-38.37	-13	Pass
788	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	3	798.001	-37.69	-13	Pass
798.1	799	0.1	CHP	4	798.152	-34.98	-13	Pass
799	806	0.00625	CHP	5	799.818	-47.64	-35	Pass
806	810	0.1	CHP	6	806.124	-44.57	-13	Pass

6. Emission Mask

6.1 Test Result

6.1.1 B14_5MHz

Band: 14 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Freq. (MHz)		Emission Mask (dBm)		Verdict
		Size	Offset	Start	Stop	Result	Limit	
QPSK	790.5	1	0	773	778	-73.35	-13	Pass
				778	785.5	-54.40	-14.77	Pass
				785.5	787.95	-25.49	-4.77	Pass
				787.95	793.05	20.23	20.23	Pass
				793.05	795.5	-60.78	-4.77	Pass
				795.5	803	-70.69	-14.77	Pass
				803	808	-73.25	-13	Pass
			13	773	778	-72.94	-13	Pass
				778	785.5	-66.69	-14.86	Pass
				785.5	787.95	-52.33	-4.86	Pass
				787.95	793.05	20.14	20.14	Pass
				793.05	795.5	-51.60	-4.86	Pass
				795.5	803	-66.64	-14.86	Pass
				803	808	-72.91	-13	Pass
			24	773	778	-72.79	-13	Pass
				778	785.5	-71.92	-15.09	Pass
				785.5	787.95	-61.32	-5.09	Pass
				787.95	793.05	19.91	19.91	Pass
				793.05	795.5	-24.34	-5.09	Pass
				795.5	803	-53.59	-15.09	Pass
				803	808	-72.68	-13	Pass
		12	0	773	778	-73.22	-13	Pass
				778	785.5	-44.48	-25.44	Pass
				785.5	787.95	-27.14	-15.44	Pass
				787.95	793.05	9.56	9.56	Pass
				793.05	795.5	-39.50	-15.44	Pass
				795.5	803	-55.95	-25.44	Pass
				803	808	-73.42	-13	Pass
			6	773	778	-73.09	-13	Pass
				778	785.5	-50.52	-25.5	Pass
				785.5	787.95	-33.63	-15.5	Pass
				787.95	793.05	9.50	9.5	Pass
				793.05	795.5	-32.03	-15.5	Pass
				795.5	803	-51.80	-25.5	Pass
				803	808	-73.11	-13	Pass
			13	773	778	-72.97	-13	Pass
				778	785.5	-56.51	-25.45	Pass
				785.5	787.95	-40.11	-15.45	Pass
				787.95	793.05	9.55	9.55	Pass
				793.05	795.5	-26.60	-15.45	Pass

	793	25	0	795.5	803	-44.38	-25.45	Pass
				803	808	-73.51	-13	Pass
				773	778	-59.89	-13	Pass
				778	785.5	-37.16	-28.36	Pass
				785.5	787.95	-30.23	-18.36	Pass
				787.95	793.05	6.64	6.64	Pass
				793.05	795.5	-30.00	-18.36	Pass
				795.5	803	-36.27	-28.36	Pass
				803	808	-64.62	-13	Pass
				775.5	780.5	-72.56	-13	Pass
		1	0	780.5	788	-55.00	-14.96	Pass
				788	790.45	-27.40	-4.96	Pass
				790.45	795.55	20.04	20.04	Pass
				795.55	798	-63.22	-4.96	Pass
				798	805.5	-71.11	-14.96	Pass
			13	805.5	810.5	-73.56	-13	Pass
				775.5	780.5	-72.07	-13	Pass
				780.5	788	-66.31	-14.17	Pass
				788	790.45	-54.62	-4.17	Pass
				790.45	795.55	20.83	20.83	Pass
			24	795.55	798	-53.49	-4.17	Pass
				798	805.5	-65.92	-14.17	Pass
				805.5	810.5	-73.40	-13	Pass
				775.5	780.5	-72.83	-13	Pass
				780.5	788	-71.37	-14.95	Pass
				788	790.45	-61.03	-4.95	Pass
			12	790.45	795.55	20.05	20.05	Pass
				795.55	798	-24.25	-4.95	Pass
				798	805.5	-52.67	-14.95	Pass
				805.5	810.5	-72.84	-13	Pass
			0	775.5	780.5	-72.99	-13	Pass
				780.5	788	-44.76	-25.26	Pass
				788	790.45	-27.94	-15.26	Pass
				790.45	795.55	9.74	9.74	Pass
				795.55	798	-38.65	-15.26	Pass
			6	798	805.5	-55.70	-25.26	Pass
				805.5	810.5	-73.23	-13	Pass
				775.5	780.5	-72.64	-13	Pass
				780.5	788	-51.01	-25.16	Pass
				788	790.45	-31.67	-15.16	Pass
		25	0	790.45	795.55	9.84	9.84	Pass
				795.55	798	-32.11	-15.16	Pass
				798	805.5	-51.69	-25.16	Pass
				805.5	810.5	-73.39	-13	Pass
				775.5	780.5	-72.32	-13	Pass
				780.5	788	-55.54	-25.7	Pass
				788	790.45	-39.51	-15.7	Pass
				790.45	795.55	9.30	9.3	Pass
				795.55	798	-28.11	-15.7	Pass
				798	805.5	-43.05	-25.7	Pass
				805.5	810.5	-73.52	-13	Pass
				775.5	780.5	-59.40	-13	Pass
				780.5	788	-35.19	-28.78	Pass

				788	790.45	-29.07	-18.78	Pass
				790.45	795.55	6.22	6.22	Pass
				795.55	798	-29.31	-18.78	Pass
				798	805.5	-35.68	-28.78	Pass
				805.5	810.5	-63.87	-13	Pass
	795.5	1	0	778	783	-72.41	-13	Pass
				783	790.5	-53.98	-14.77	Pass
				790.5	792.95	-24.54	-4.77	Pass
				792.95	798.05	20.23	20.23	Pass
				798.05	800.5	-61.52	-4.77	Pass
			13	800.5	808	-72.36	-14.77	Pass
				808	813	-73.01	-13	Pass
				778	783	-72.87	-13	Pass
				783	790.5	-66.50	-14.66	Pass
				790.5	792.95	-53.85	-4.66	Pass
			24	792.95	798.05	20.34	20.34	Pass
				798.05	800.5	-52.67	-4.66	Pass
				800.5	808	-68.34	-14.66	Pass
				808	813	-72.78	-13	Pass
				778	783	-72.84	-13	Pass
			0	783	790.5	-70.02	-14.28	Pass
				790.5	792.95	-61.13	-4.28	Pass
				792.95	798.05	20.72	20.72	Pass
				798.05	800.5	-23.72	-4.28	Pass
				800.5	808	-54.32	-14.28	Pass
		12	0	808	813	-72.47	-13	Pass
				778	783	-72.06	-13	Pass
				783	790.5	-42.10	-25.52	Pass
				790.5	792.95	-26.59	-15.52	Pass
				792.95	798.05	9.48	9.48	Pass
			6	798.05	800.5	-37.87	-15.52	Pass
				800.5	808	-56.60	-25.52	Pass
				808	813	-73.28	-13	Pass
				778	783	-72.36	-13	Pass
				783	790.5	-48.86	-25.67	Pass
			13	790.5	792.95	-31.40	-15.67	Pass
				792.95	798.05	9.33	9.33	Pass
				798.05	800.5	-31.05	-15.67	Pass
				800.5	808	-49.47	-25.67	Pass
				808	813	-73.26	-13	Pass
		25	0	778	783	-72.35	-13	Pass
				783	790.5	-56.04	-25.31	Pass
				790.5	792.95	-37.90	-15.31	Pass
				792.95	798.05	9.69	9.69	Pass
				798.05	800.5	-26.58	-15.31	Pass
			0	800.5	808	-42.92	-25.31	Pass
				808	813	-73.08	-13	Pass
				778	783	-58.58	-13	Pass
				783	790.5	-34.10	-28.57	Pass
				790.5	792.95	-28.39	-18.57	Pass
				792.95	798.05	6.43	6.43	Pass
				798.05	800.5	-27.48	-18.57	Pass
				800.5	808	-34.77	-28.57	Pass

				808	813	-73.30	-13	Pass
16QAM	790.5	1	0	773	778	-73.43	-13	Pass
				778	785.5	-52.16	-15.55	Pass
				785.5	787.95	-26.04	-5.55	Pass
				787.95	793.05	19.45	19.45	Pass
				793.05	795.5	-63.91	-5.55	Pass
				795.5	803	-71.44	-15.55	Pass
				803	808	-73.40	-13	Pass
			13	773	778	-73.10	-13	Pass
				778	785.5	-67.75	-15.14	Pass
				785.5	787.95	-55.10	-5.14	Pass
				787.95	793.05	19.86	19.86	Pass
				793.05	795.5	-53.87	-5.14	Pass
				795.5	803	-67.74	-15.14	Pass
				803	808	-73.02	-13	Pass
			24	773	778	-73.52	-13	Pass
				778	785.5	-71.82	-15.38	Pass
				785.5	787.95	-64.92	-5.38	Pass
				787.95	793.05	19.62	19.62	Pass
				793.05	795.5	-21.76	-5.38	Pass
				795.5	803	-55.51	-15.38	Pass
				803	808	-73.42	-13	Pass
		12	0	773	778	-73.35	-13	Pass
				778	785.5	-44.57	-26.14	Pass
				785.5	787.95	-29.89	-16.14	Pass
				787.95	793.05	8.86	8.86	Pass
				793.05	795.5	-40.86	-16.14	Pass
				795.5	803	-57.76	-26.14	Pass
				803	808	-73.29	-13	Pass
			6	773	778	-73.19	-13	Pass
				778	785.5	-52.34	-26.04	Pass
				785.5	787.95	-34.27	-16.04	Pass
				787.95	793.05	8.96	8.96	Pass
				793.05	795.5	-34.07	-16.04	Pass
				795.5	803	-54.37	-26.04	Pass
				803	808	-72.82	-13	Pass
			13	773	778	-73.29	-13	Pass
				778	785.5	-56.95	-26.6	Pass
				785.5	787.95	-42.28	-16.6	Pass
				787.95	793.05	8.40	8.4	Pass
				793.05	795.5	-28.88	-16.6	Pass
				795.5	803	-44.55	-26.6	Pass
				803	808	-73.16	-13	Pass
		25	0	773	778	-62.22	-13	Pass
				778	785.5	-38.53	-29.58	Pass
				785.5	787.95	-31.69	-19.58	Pass
				787.95	793.05	5.42	5.42	Pass
				793.05	795.5	-30.64	-19.58	Pass
				795.5	803	-38.50	-29.58	Pass
				803	808	-67.60	-13	Pass
793	1	0	0	775.5	780.5	-72.07	-13	Pass
				780.5	788	-51.01	-15.07	Pass
				788	790.45	-23.47	-5.07	Pass

				790.45	795.55	19.93	19.93	Pass	
				795.55	798	-64.73	-5.07	Pass	
				798	805.5	-71.72	-15.07	Pass	
				805.5	810.5	-72.48	-13	Pass	
				13	775.5	780.5	-72.74	-13	Pass
					780.5	788	-69.24	-15.23	Pass
					788	790.45	-56.03	-5.23	Pass
					790.45	795.55	19.77	19.77	Pass
					795.55	798	-52.58	-5.23	Pass
					798	805.5	-68.09	-15.23	Pass
					805.5	810.5	-73.03	-13	Pass
					24	775.5	780.5	-72.09	-13
			780.5	788		-71.55	-15.22	Pass	
			788	790.45		-62.20	-5.22	Pass	
			790.45	795.55		19.78	19.78	Pass	
			795.55	798		-22.64	-5.22	Pass	
			798	805.5		-50.66	-15.22	Pass	
			805.5	810.5		-73.44	-13	Pass	
			12	0		775.5	780.5	-72.33	-13
					780.5	788	-45.43	-26.63	Pass
					788	790.45	-29.40	-16.63	Pass
					790.45	795.55	8.37	8.37	Pass
					795.55	798	-40.80	-16.63	Pass
					798	805.5	-58.49	-26.63	Pass
		805.5			810.5	-72.92	-13	Pass	
		6		775.5	780.5	-72.89	-13	Pass	
				780.5	788	-52.12	-26.03	Pass	
				788	790.45	-33.63	-16.03	Pass	
				790.45	795.55	8.97	8.97	Pass	
				795.55	798	-33.24	-16.03	Pass	
				798	805.5	-52.88	-26.03	Pass	
				805.5	810.5	-73.14	-13	Pass	
		13		775.5	780.5	-72.96	-13	Pass	
				780.5	788	-57.67	-26.57	Pass	
				788	790.45	-41.85	-16.57	Pass	
				790.45	795.55	8.43	8.43	Pass	
				795.55	798	-28.37	-16.57	Pass	
				798	805.5	-42.84	-26.57	Pass	
			805.5	810.5	-72.79	-13	Pass		
		25	0	775.5	780.5	-62.48	-13	Pass	
				780.5	788	-36.77	-29.4	Pass	
				788	790.45	-30.12	-19.4	Pass	
				790.45	795.55	5.60	5.6	Pass	
				795.55	798	-32.01	-19.4	Pass	
				798	805.5	-37.56	-29.4	Pass	
		795.5	1	0	805.5	810.5	-66.00	-13	Pass
					778	783	-72.06	-13	Pass
					783	790.5	-54.85	-15.46	Pass
	790.5				792.95	-25.60	-5.46	Pass	
	792.95				798.05	19.54	19.54	Pass	
	798.05				800.5	-64.34	-5.46	Pass	
	800.5				808	-72.14	-15.46	Pass	
	808				813	-73.78	-13	Pass	

			13	778	783	-71.08	-13	Pass
				783	790.5	-65.88	-15.4	Pass
				790.5	792.95	-54.11	-5.4	Pass
				792.95	798.05	19.60	19.6	Pass
				798.05	800.5	-51.92	-5.4	Pass
				800.5	808	-66.97	-15.4	Pass
				808	813	-73.17	-13	Pass
			24	778	783	-73.10	-13	Pass
				783	790.5	-71.40	-15.05	Pass
				790.5	792.95	-63.40	-5.05	Pass
				792.95	798.05	19.95	19.95	Pass
				798.05	800.5	-24.08	-5.05	Pass
				800.5	808	-58.24	-15.05	Pass
				808	813	-72.78	-13	Pass
		12	0	778	783	-71.98	-13	Pass
				783	790.5	-43.20	-26.4	Pass
				790.5	792.95	-27.77	-16.4	Pass
				792.95	798.05	8.60	8.6	Pass
				798.05	800.5	-39.35	-16.4	Pass
				800.5	808	-59.13	-26.4	Pass
				808	813	-73.42	-13	Pass
			6	778	783	-72.77	-13	Pass
				783	790.5	-51.50	-26.44	Pass
				790.5	792.95	-31.17	-16.44	Pass
				792.95	798.05	8.56	8.56	Pass
				798.05	800.5	-32.91	-16.44	Pass
				800.5	808	-54.13	-26.44	Pass
				808	813	-73.30	-13	Pass
			13	778	783	-72.99	-13	Pass
				783	790.5	-56.78	-26.66	Pass
				790.5	792.95	-40.13	-16.66	Pass
				792.95	798.05	8.34	8.34	Pass
				798.05	800.5	-28.01	-16.66	Pass
				800.5	808	-43.30	-26.66	Pass
				808	813	-73.13	-13	Pass
		25	0	778	783	-61.29	-13	Pass
				783	790.5	-36.58	-29.35	Pass
				790.5	792.95	-30.87	-19.35	Pass
				792.95	798.05	5.65	5.65	Pass
				798.05	800.5	-29.89	-19.35	Pass
				800.5	808	-36.38	-29.35	Pass
				808	813	-72.98	-13	Pass
1	773		778	-73.37	-13	Pass		
	778		785.5	-57.30	-15.6	Pass		
	785.5		787.95	-26.69	-5.6	Pass		
64QAM	790.5	1	0	787.95	793.05	19.40	19.4	Pass
				793.05	795.5	-64.31	-5.6	Pass
				795.5	803	-71.34	-15.6	Pass
				803	808	-73.28	-13	Pass
				773	778	-72.90	-13	Pass
				778	785.5	-68.78	-15.57	Pass
				785.5	787.95	-56.91	-5.57	Pass
		787.95	793.05	19.43	19.43	Pass		
		13	13	773	778	-72.90	-13	Pass
				778	785.5	-68.78	-15.57	Pass
785.5	787.95			-56.91	-5.57	Pass		

				793.05	795.5	-51.77	-5.57	Pass
				795.5	803	-67.96	-15.57	Pass
				803	808	-72.77	-13	Pass
			24	773	778	-73.50	-13	Pass
				778	785.5	-71.64	-15.39	Pass
				785.5	787.95	-64.80	-5.39	Pass
				787.95	793.05	19.61	19.61	Pass
				793.05	795.5	-24.86	-5.39	Pass
				795.5	803	-59.55	-15.39	Pass
				803	808	-72.80	-13	Pass
				773	778	-73.48	-13	Pass
			0	778	785.5	-44.84	-26.49	Pass
				785.5	787.95	-30.64	-16.49	Pass
				787.95	793.05	8.51	8.51	Pass
				793.05	795.5	-41.76	-16.49	Pass
				795.5	803	-58.55	-26.49	Pass
				803	808	-72.75	-13	Pass
				773	778	-73.48	-13	Pass
				778	785.5	-53.10	-26.14	Pass
			6	785.5	787.95	-35.69	-16.14	Pass
				787.95	793.05	8.86	8.86	Pass
				793.05	795.5	-35.69	-16.14	Pass
				795.5	803	-54.48	-26.14	Pass
				803	808	-73.34	-13	Pass
				773	778	-72.59	-13	Pass
				778	785.5	-58.76	-26.5	Pass
				785.5	787.95	-43.52	-16.5	Pass
			13	787.95	793.05	8.50	8.5	Pass
				793.05	795.5	-29.90	-16.5	Pass
				795.5	803	-44.97	-26.5	Pass
				803	808	-72.64	-13	Pass
				773	778	-62.10	-13	Pass
				778	785.5	-38.28	-29.47	Pass
				785.5	787.95	-33.84	-19.47	Pass
				787.95	793.05	5.53	5.53	Pass
			0	793.05	795.5	-29.81	-19.47	Pass
				795.5	803	-37.95	-29.47	Pass
				803	808	-66.90	-13	Pass
				775.5	780.5	-72.33	-13	Pass
				780.5	788	-55.98	-15.52	Pass
				788	790.45	-28.33	-5.52	Pass
				790.45	795.55	19.48	19.48	Pass
				795.55	798	-65.32	-5.52	Pass
			13	798	805.5	-71.95	-15.52	Pass
				805.5	810.5	-73.40	-13	Pass
				775.5	780.5	-72.83	-13	Pass
				780.5	788	-67.04	-15.56	Pass
				788	790.45	-55.57	-5.56	Pass
				790.45	795.55	19.44	19.44	Pass
				795.55	798	-53.42	-5.56	Pass
				798	805.5	-66.43	-15.56	Pass
			24	805.5	810.5	-73.76	-13	Pass
				775.5	780.5	-72.82	-13	Pass

		12		780.5	788	-70.41	-15.42	Pass
				788	790.45	-63.49	-5.42	Pass
				790.45	795.55	19.58	19.58	Pass
				795.55	798	-23.36	-5.42	Pass
				798	805.5	-57.44	-15.42	Pass
				805.5	810.5	-72.74	-13	Pass
			0	775.5	780.5	-73.07	-13	Pass
				780.5	788	-45.18	-26.28	Pass
				788	790.45	-29.62	-16.28	Pass
				790.45	795.55	8.72	8.72	Pass
				795.55	798	-42.41	-16.28	Pass
				798	805.5	-57.97	-26.28	Pass
			6	805.5	810.5	-72.73	-13	Pass
				775.5	780.5	-72.97	-13	Pass
				780.5	788	-53.09	-26.37	Pass
				788	790.45	-33.75	-16.37	Pass
				790.45	795.55	8.63	8.63	Pass
				795.55	798	-33.74	-16.37	Pass
			13	798	805.5	-54.48	-26.37	Pass
				805.5	810.5	-72.92	-13	Pass
				775.5	780.5	-73.02	-13	Pass
				780.5	788	-58.43	-26.39	Pass
				788	790.45	-41.36	-16.39	Pass
				790.45	795.55	8.61	8.61	Pass
		25	0	795.55	798	-27.55	-16.39	Pass
				798	805.5	-43.02	-26.39	Pass
				805.5	810.5	-73.26	-13	Pass
				775.5	780.5	-62.16	-13	Pass
				780.5	788	-37.42	-29.21	Pass
				788	790.45	-30.24	-19.21	Pass
795.5	1	0		790.45	795.55	5.79	5.79	Pass
				795.55	798	-31.54	-19.21	Pass
				798	805.5	-37.64	-29.21	Pass
				805.5	810.5	-67.11	-13	Pass
				778	783	-71.61	-13	Pass
				783	790.5	-57.69	-15.26	Pass
			13	790.5	792.95	-26.27	-5.26	Pass
				792.95	798.05	19.74	19.74	Pass
				798.05	800.5	-62.77	-5.26	Pass
				800.5	808	-71.85	-15.26	Pass
				808	813	-73.45	-13	Pass
				778	783	-72.56	-13	Pass
			24	783	790.5	-66.91	-15.41	Pass
				790.5	792.95	-54.42	-5.41	Pass
				792.95	798.05	19.59	19.59	Pass
				798.05	800.5	-53.06	-5.41	Pass
				800.5	808	-66.43	-15.41	Pass
				808	813	-73.07	-13	Pass
				778	783	-72.80	-13	Pass
				783	790.5	-71.18	-15.53	Pass
				790.5	792.95	-63.89	-5.53	Pass
				792.95	798.05	19.47	19.47	Pass
				798.05	800.5	-26.94	-5.53	Pass

				800.5	808	-58.34	-15.53	Pass
				808	813	-73.34	-13	Pass
		12	0	778	783	-72.19	-13	Pass
				783	790.5	-43.61	-25.93	Pass
				790.5	792.95	-28.51	-15.93	Pass
				792.95	798.05	9.07	9.07	Pass
				798.05	800.5	-42.65	-15.93	Pass
				800.5	808	-59.67	-25.93	Pass
				808	813	-72.95	-13	Pass
				778	783	-72.96	-13	Pass
			6	783	790.5	-52.10	-26.6	Pass
				790.5	792.95	-34.43	-16.6	Pass
				792.95	798.05	8.40	8.4	Pass
				798.05	800.5	-34.77	-16.6	Pass
				800.5	808	-53.41	-26.6	Pass
				808	813	-73.42	-13	Pass
				778	783	-72.63	-13	Pass
				13	783	790.5	-57.70	-26.65
			790.5		792.95	-42.05	-16.65	Pass
			792.95		798.05	8.35	8.35	Pass
		798.05	800.5		-29.54	-16.65	Pass	
		800.5	808		-43.98	-26.65	Pass	
		808	813		-73.32	-13	Pass	
		25	0	778	783	-60.47	-13	Pass
				783	790.5	-36.66	-29.36	Pass
				790.5	792.95	-31.28	-19.36	Pass
				792.95	798.05	5.64	5.64	Pass
				798.05	800.5	-31.36	-19.36	Pass
				800.5	808	-37.28	-29.36	Pass
				808	813	-73.16	-13	Pass
		256QAM	790.5	1	0	773	778	-72.79
778	785.5					-64.26	-19.37	Pass
785.5	787.95					-32.33	-9.37	Pass
787.95	793.05					15.63	15.63	Pass
793.05	795.5					-61.03	-9.37	Pass
795.5	803					-72.01	-19.37	Pass
13	803				808	-73.68	-13	Pass
	773				778	-73.25	-13	Pass
	778				785.5	-71.27	-19.78	Pass
	785.5				787.95	-59.79	-9.78	Pass
	787.95				793.05	15.22	15.22	Pass
	793.05				795.5	-58.48	-9.78	Pass
24	795.5			803	-70.17	-19.78	Pass	
	803			808	-72.66	-13	Pass	
	773			778	-73.45	-13	Pass	
	778			785.5	-72.14	-19.69	Pass	
	785.5			787.95	-58.83	-9.69	Pass	
	787.95			793.05	15.31	15.31	Pass	
	793.05			795.5	-32.20	-9.69	Pass	
12	0			795.5	803	-64.47	-19.69	Pass
				803	808	-72.68	-13	Pass
				773	778	-73.17	-13	Pass
				778	785.5	-52.41	-29.48	Pass

				785.5	787.95	-32.50	-19.48	Pass
				787.95	793.05	5.52	5.52	Pass
				793.05	795.5	-51.34	-19.48	Pass
				795.5	803	-64.55	-29.48	Pass
				803	808	-73.23	-13	Pass
			6	773	778	-73.65	-13	Pass
				778	785.5	-57.73	-29.46	Pass
				785.5	787.95	-41.56	-19.46	Pass
				787.95	793.05	5.54	5.54	Pass
				793.05	795.5	-42.90	-19.46	Pass
				795.5	803	-59.65	-29.46	Pass
				803	808	-73.17	-13	Pass
			13	773	778	-73.01	-13	Pass
				778	785.5	-66.61	-29.39	Pass
				785.5	787.95	-52.20	-19.39	Pass
				787.95	793.05	5.61	5.61	Pass
				793.05	795.5	-31.52	-19.39	Pass
				795.5	803	-53.91	-29.39	Pass
		803		808	-73.05	-13	Pass	
		25	0	773	778	-72.18	-13	Pass
				778	785.5	-43.37	-32.22	Pass
				785.5	787.95	-33.87	-22.22	Pass
				787.95	793.05	2.78	2.78	Pass
				793.05	795.5	-35.86	-22.22	Pass
	795.5			803	-43.64	-32.22	Pass	
	803	808	-72.21	-13	Pass			
	793	1	0	775.5	780.5	-72.71	-13	Pass
				780.5	788	-63.55	-19.6	Pass
				788	790.45	-32.69	-9.6	Pass
				790.45	795.55	15.40	15.4	Pass
				795.55	798	-61.73	-9.6	Pass
				798	805.5	-71.75	-19.6	Pass
			13	805.5	810.5	-73.45	-13	Pass
				775.5	780.5	-73.20	-13	Pass
				780.5	788	-69.52	-19.55	Pass
				788	790.45	-60.20	-9.55	Pass
				790.45	795.55	15.45	15.45	Pass
				795.55	798	-56.59	-9.55	Pass
				798	805.5	-70.99	-19.55	Pass
			24	805.5	810.5	-72.71	-13	Pass
				775.5	780.5	-73.21	-13	Pass
				780.5	788	-72.52	-19.76	Pass
				788	790.45	-57.84	-9.76	Pass
				790.45	795.55	15.24	15.24	Pass
		795.55		798	-29.90	-9.76	Pass	
		12	0	798	805.5	-64.54	-19.76	Pass
				805.5	810.5	-73.22	-13	Pass
				775.5	780.5	-72.66	-13	Pass
				780.5	788	-52.55	-29.3	Pass
				788	790.45	-33.02	-19.3	Pass
				790.45	795.55	5.70	5.7	Pass
				795.55	798	-51.65	-19.3	Pass
				798	805.5	-66.72	-29.3	Pass

			6	805.5	810.5	-73.09	-13	Pass
				775.5	780.5	-73.19	-13	Pass
				780.5	788	-58.39	-29.21	Pass
				788	790.45	-40.28	-19.21	Pass
				790.45	795.55	5.79	5.79	Pass
				795.55	798	-42.67	-19.21	Pass
				798	805.5	-60.64	-29.21	Pass
			805.5	810.5	-73.33	-13	Pass	
			13	775.5	780.5	-72.50	-13	Pass
				780.5	788	-63.29	-29.63	Pass
				788	790.45	-52.02	-19.63	Pass
				790.45	795.55	5.37	5.37	Pass
				795.55	798	-32.76	-19.63	Pass
				798	805.5	-51.42	-29.63	Pass
		805.5		810.5	-73.68	-13	Pass	
		25	0	775.5	780.5	-70.22	-13	Pass
				780.5	788	-44.19	-32.4	Pass
				788	790.45	-36.79	-22.4	Pass
				790.45	795.55	2.60	2.6	Pass
				795.55	798	-37.41	-22.4	Pass
				798	805.5	-43.46	-32.4	Pass
	805.5			810.5	-72.97	-13	Pass	
	795.5	1	0	778	783	-72.17	-13	Pass
				783	790.5	-64.89	-19.49	Pass
				790.5	792.95	-33.12	-9.49	Pass
				792.95	798.05	15.51	15.51	Pass
				798.05	800.5	-61.80	-9.49	Pass
				800.5	808	-71.95	-19.49	Pass
			808	813	-73.38	-13	Pass	
			13	778	783	-72.90	-13	Pass
				783	790.5	-70.08	-19.6	Pass
				790.5	792.95	-60.79	-9.6	Pass
				792.95	798.05	15.40	15.4	Pass
				798.05	800.5	-58.78	-9.6	Pass
				800.5	808	-71.60	-19.6	Pass
			808	813	-73.56	-13	Pass	
			24	778	783	-72.74	-13	Pass
				783	790.5	-71.90	-19.61	Pass
				790.5	792.95	-57.99	-9.61	Pass
				792.95	798.05	15.39	15.39	Pass
		798.05		800.5	-31.37	-9.61	Pass	
		800.5		808	-65.10	-19.61	Pass	
		808	813	-73.05	-13	Pass		
		12	0	778	783	-72.31	-13	Pass
				783	790.5	-52.06	-29.47	Pass
				790.5	792.95	-33.08	-19.47	Pass
				792.95	798.05	5.53	5.53	Pass
				798.05	800.5	-51.19	-19.47	Pass
				800.5	808	-63.76	-29.47	Pass
				808	813	-73.25	-13	Pass
			6	778	783	-72.90	-13	Pass
				783	790.5	-59.00	-29.69	Pass
				790.5	792.95	-39.63	-19.69	Pass



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				792.95	798.05	5.31	5.31	Pass
				798.05	800.5	-41.35	-19.69	Pass
				800.5	808	-59.54	-29.69	Pass
				808	813	-73.48	-13	Pass
				778	783	-72.84	-13	Pass
			13	783	790.5	-65.47	-29.42	Pass
				790.5	792.95	-51.40	-19.42	Pass
				792.95	798.05	5.58	5.58	Pass
				798.05	800.5	-30.87	-19.42	Pass
				800.5	808	-52.71	-29.42	Pass
		25	0	808	813	-72.87	-13	Pass
				778	783	-68.24	-13	Pass
				783	790.5	-42.49	-32.17	Pass
				790.5	792.95	-36.69	-22.17	Pass
				792.95	798.05	2.83	2.83	Pass
				798.05	800.5	-33.99	-22.17	Pass
				800.5	808	-43.44	-32.17	Pass
				808	813	-73.37	-13	Pass

6.1.2 B14_10MHz

Band: 14 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Freq. (MHz)		Emission Mask (dBm)		Verdict
		Size	Offset	Start	Stop	Result	Limit	
QPSK	793	1	0	758	768	-69.60	-13	Pass
				768	783	-57.72	-14.67	Pass
				783	787.95	-37.78	-4.67	Pass
				787.95	798.05	20.33	20.33	Pass
				798.05	803	-61.62	-4.67	Pass
				803	818	-73.12	-14.67	Pass
				818	828	-72.81	-13	Pass
			25	758	768	-71.37	-13	Pass
				768	783	-72.18	-15.01	Pass
				783	787.95	-66.44	-5.01	Pass
				787.95	798.05	19.99	19.99	Pass
				798.05	803	-66.36	-5.01	Pass
				803	818	-72.86	-15.01	Pass
				818	828	-72.97	-13	Pass
			49	758	768	-72.04	-13	Pass
				768	783	-73.03	-14.97	Pass
				783	787.95	-57.34	-4.97	Pass
				787.95	798.05	20.03	20.03	Pass
				798.05	803	-38.00	-4.97	Pass
				803	818	-58.20	-14.97	Pass
				818	828	-73.24	-13	Pass
		25	0	758	768	-71.15	-13	Pass
				768	783	-46.61	-28.3	Pass
				783	787.95	-32.70	-18.3	Pass
				787.95	798.05	6.70	6.7	Pass
				798.05	803	-41.02	-18.3	Pass
				803	818	-64.48	-28.3	Pass

			13	818	828	-73.55	-13	Pass
				758	768	-71.90	-13	Pass
				768	783	-54.13	-28.24	Pass
				783	787.95	-34.60	-18.24	Pass
				787.95	798.05	6.76	6.76	Pass
				798.05	803	-35.02	-18.24	Pass
				803	818	-57.09	-28.24	Pass
			25	818	828	-73.15	-13	Pass
				758	768	-71.40	-13	Pass
				768	783	-58.33	-28.31	Pass
				783	787.95	-39.70	-18.31	Pass
				787.95	798.05	6.69	6.69	Pass
				798.05	803	-31.52	-18.31	Pass
				803	818	-50.08	-28.31	Pass
		50	0	818	828	-73.47	-13	Pass
				758	768	-71.24	-13	Pass
				768	783	-39.22	-31.29	Pass
				783	787.95	-33.52	-21.29	Pass
				787.95	798.05	3.71	3.71	Pass
				798.05	803	-34.59	-21.29	Pass
				803	818	-43.59	-31.29	Pass
			1	818	828	-73.33	-13	Pass
				758	768	-72.28	-13	Pass
				768	783	-58.26	-15.47	Pass
				783	787.95	-35.46	-5.47	Pass
				787.95	798.05	19.53	19.53	Pass
				798.05	803	-63.13	-5.47	Pass
				803	818	-73.07	-15.47	Pass
			25	818	828	-73.19	-13	Pass
				758	768	-71.78	-13	Pass
				768	783	-71.50	-15.45	Pass
				783	787.95	-65.88	-5.45	Pass
				787.95	798.05	19.55	19.55	Pass
				798.05	803	-66.10	-5.45	Pass
				803	818	-72.83	-15.45	Pass
		25	49	818	828	-73.53	-13	Pass
				758	768	-71.62	-13	Pass
				768	783	-72.61	-15.38	Pass
				783	787.95	-64.64	-5.38	Pass
				787.95	798.05	19.62	19.62	Pass
				798.05	803	-38.72	-5.38	Pass
				803	818	-64.40	-15.38	Pass
			0	818	828	-72.76	-13	Pass
				758	768	-71.47	-13	Pass
				768	783	-46.58	-29.39	Pass
				783	787.95	-32.77	-19.39	Pass
				787.95	798.05	5.61	5.61	Pass
				798.05	803	-43.71	-19.39	Pass
				803	818	-68.11	-29.39	Pass
			13	818	828	-73.63	-13	Pass
				758	768	-71.18	-13	Pass
				768	783	-54.34	-29.55	Pass
				783	787.95	-36.60	-19.55	Pass

					787.95	798.05	5.45	5.45	Pass		
					798.05	803	-36.92	-19.55	Pass		
					803	818	-59.52	-29.55	Pass		
					818	828	-73.56	-13	Pass		
			25		758	768	-70.54	-13	Pass		
					768	783	-60.07	-29.49	Pass		
					783	787.95	-42.76	-19.49	Pass		
					787.95	798.05	5.51	5.51	Pass		
					798.05	803	-32.65	-19.49	Pass		
					803	818	-50.58	-29.49	Pass		
50	0		818	828	-73.55	-13	Pass				
			758	768	-71.59	-13	Pass				
			768	783	-40.73	-32.07	Pass				
			783	787.95	-35.79	-22.07	Pass				
			787.95	798.05	2.93	2.93	Pass				
			798.05	803	-35.62	-22.07	Pass				
			803	818	-45.66	-32.07	Pass				
			818	828	-73.50	-13	Pass				
		64QAM	793	1	0		758	768	-72.27	-13	Pass
							768	783	-64.56	-15.52	Pass
	783					787.95	-38.71	-5.52	Pass		
	787.95					798.05	19.48	19.48	Pass		
	798.05					803	-69.29	-5.52	Pass		
	803					818	-72.83	-15.52	Pass		
25					818	828	-73.02	-13	Pass		
					758	768	-71.59	-13	Pass		
					768	783	-71.79	-15.78	Pass		
					783	787.95	-67.41	-5.78	Pass		
		787.95	798.05		19.22	19.22	Pass				
		798.05	803		-67.44	-5.78	Pass				
49		803	818		-73.61	-15.78	Pass				
		818	828		-73.41	-13	Pass				
		758	768	-71.98	-13	Pass					
		768	783	-72.94	-15.53	Pass					
		783	787.95	-68.48	-5.53	Pass					
		787.95	798.05	19.47	19.47	Pass					
25	0		798.05	803	-42.70	-5.53	Pass				
			803	818	-67.39	-15.53	Pass				
			818	828	-73.28	-13	Pass				
			758	768	-71.27	-13	Pass				
			768	783	-47.70	-29.52	Pass				
			783	787.95	-34.12	-19.52	Pass				
	13		787.95	798.05	5.48	5.48	Pass				
			798.05	803	-44.43	-19.52	Pass				
			803	818	-68.84	-29.52	Pass				
			818	828	-73.33	-13	Pass				
			758	768	-71.57	-13	Pass				
			768	783	-56.05	-29.54	Pass				
			783	787.95	-37.08	-19.54	Pass				
			787.95	798.05	5.46	5.46	Pass				
	798.05	803	-36.47	-19.54	Pass						
	803	818	-59.49	-29.54	Pass						
	818	828	-73.10	-13	Pass						

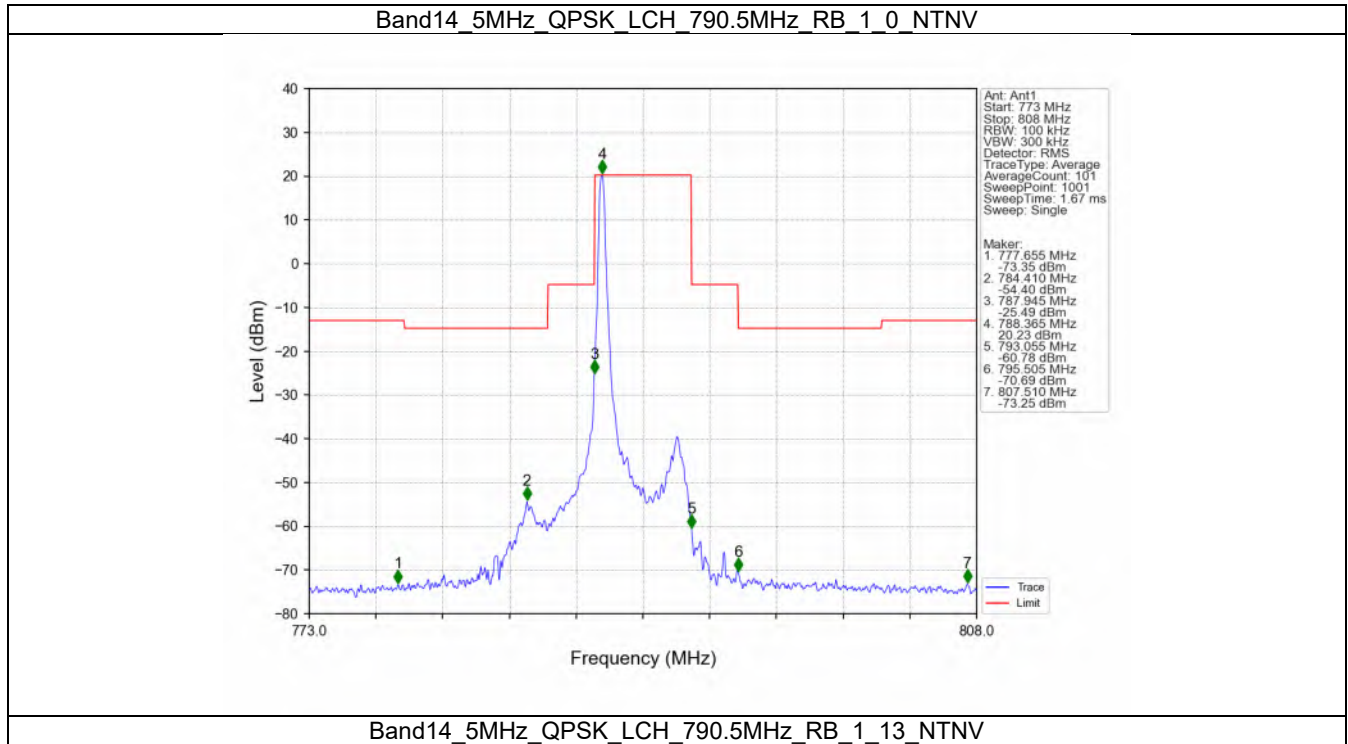
			25	758	768	-71.37	-13	Pass
				768	783	-60.60	-29.16	Pass
				783	787.95	-42.35	-19.16	Pass
				787.95	798.05	5.84	5.84	Pass
				798.05	803	-33.45	-19.16	Pass
				803	818	-50.89	-29.16	Pass
				818	828	-73.53	-13	Pass
				758	768	-71.41	-13	Pass
		50	0	768	783	-40.38	-32.35	Pass
				783	787.95	-35.64	-22.35	Pass
				787.95	798.05	2.65	2.65	Pass
				798.05	803	-35.32	-22.35	Pass
				803	818	-45.80	-32.35	Pass
				818	828	-73.18	-13	Pass
256QAM	793	1	0	758	768	-71.26	-13	Pass
				768	783	-71.99	-19.75	Pass
				783	787.95	-44.88	-9.75	Pass
				787.95	798.05	15.25	15.25	Pass
				798.05	803	-66.87	-9.75	Pass
				803	818	-73.29	-19.75	Pass
				818	828	-73.25	-13	Pass
			25	758	768	-71.00	-13	Pass
				768	783	-72.88	-19.45	Pass
				783	787.95	-68.98	-9.45	Pass
				787.95	798.05	15.55	15.55	Pass
				798.05	803	-70.44	-9.45	Pass
				803	818	-73.31	-19.45	Pass
				818	828	-73.32	-13	Pass
			49	758	768	-71.76	-13	Pass
				768	783	-73.18	-19.63	Pass
				783	787.95	-61.23	-9.63	Pass
				787.95	798.05	15.37	15.37	Pass
				798.05	803	-46.99	-9.63	Pass
				803	818	-73.22	-19.63	Pass
				818	828	-72.39	-13	Pass
		25	0	758	768	-70.82	-13	Pass
				768	783	-55.69	-32.56	Pass
				783	787.95	-37.23	-22.56	Pass
				787.95	798.05	2.44	2.44	Pass
				798.05	803	-54.44	-22.56	Pass
				803	818	-72.72	-32.56	Pass
				818	828	-73.45	-13	Pass
			13	758	768	-72.19	-13	Pass
				768	783	-61.52	-32.49	Pass
				783	787.95	-44.21	-22.49	Pass
				787.95	798.05	2.51	2.51	Pass
				798.05	803	-43.60	-22.49	Pass
				803	818	-69.85	-32.49	Pass
				818	828	-73.44	-13	Pass
			25	758	768	-71.78	-13	Pass
				768	783	-67.79	-32.42	Pass
				783	787.95	-53.49	-22.42	Pass
				787.95	798.05	2.58	2.58	Pass

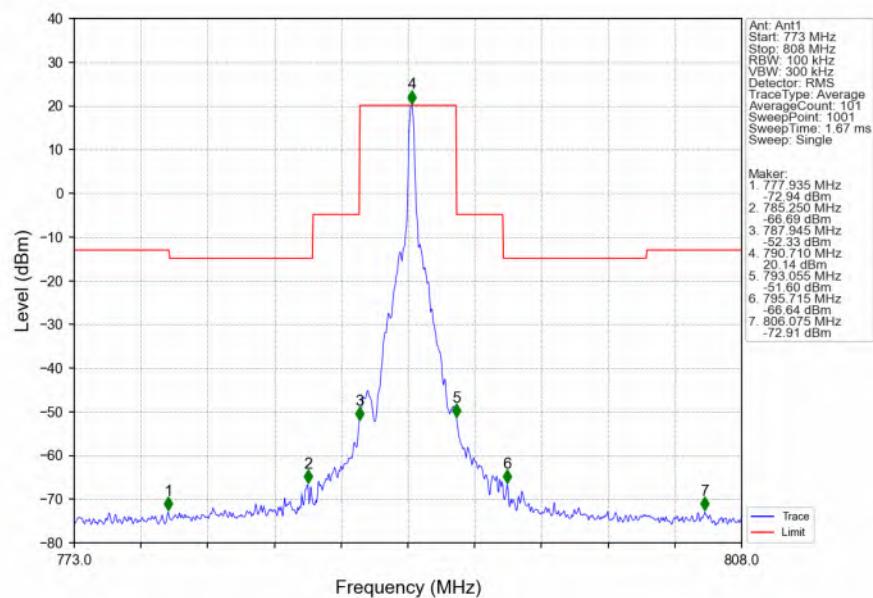


				798.05	803	-37.71	-22.42	Pass
				803	818	-60.15	-32.42	Pass
				818	828	-73.26	-13	Pass
		50	0	758	768	-72.28	-13	Pass
				768	783	-46.43	-35.42	Pass
				783	787.95	-40.29	-25.42	Pass
				787.95	798.05	-0.42	-0.42	Pass
				798.05	803	-40.21	-25.42	Pass
				803	818	-51.96	-35.42	Pass
				818	828	-73.35	-13	Pass

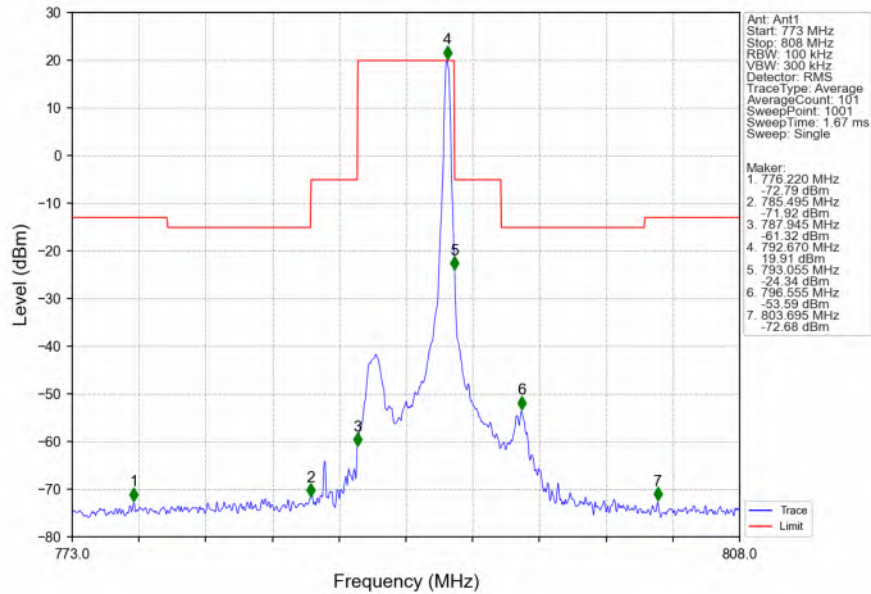
6.2 Test Graph

6.2.1 B14_5MHz

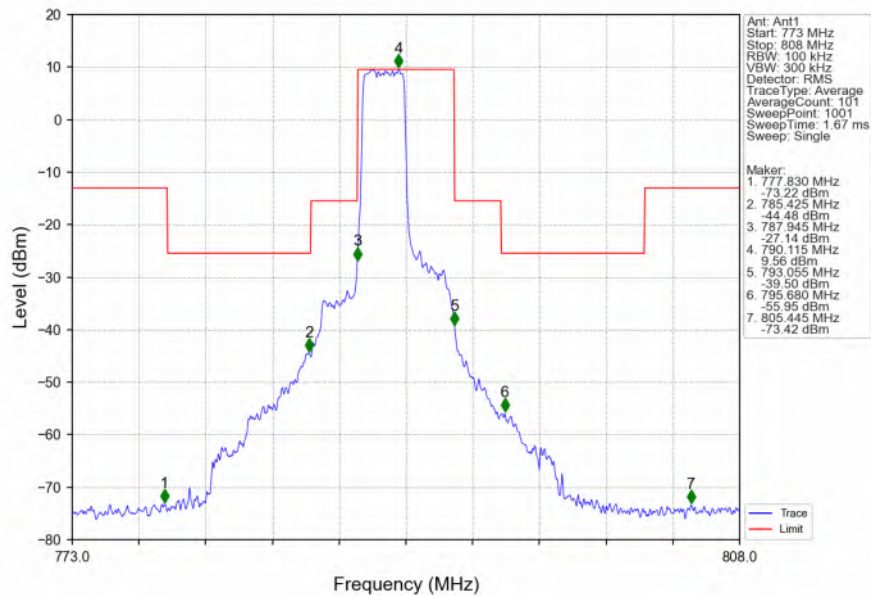




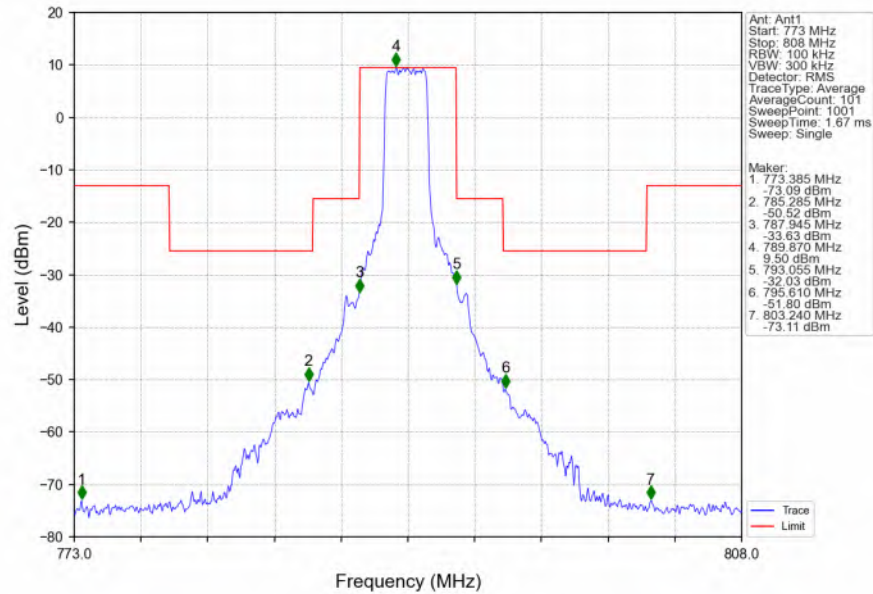
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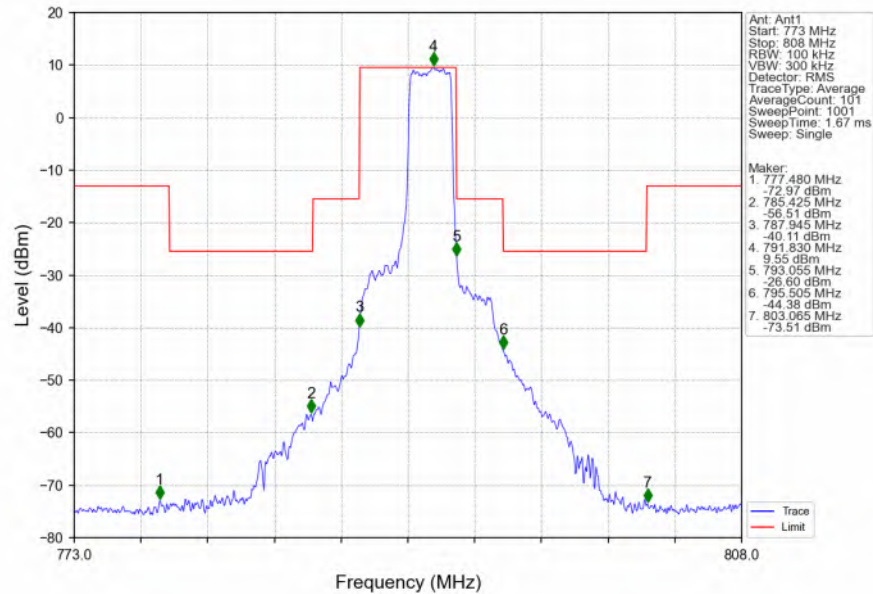
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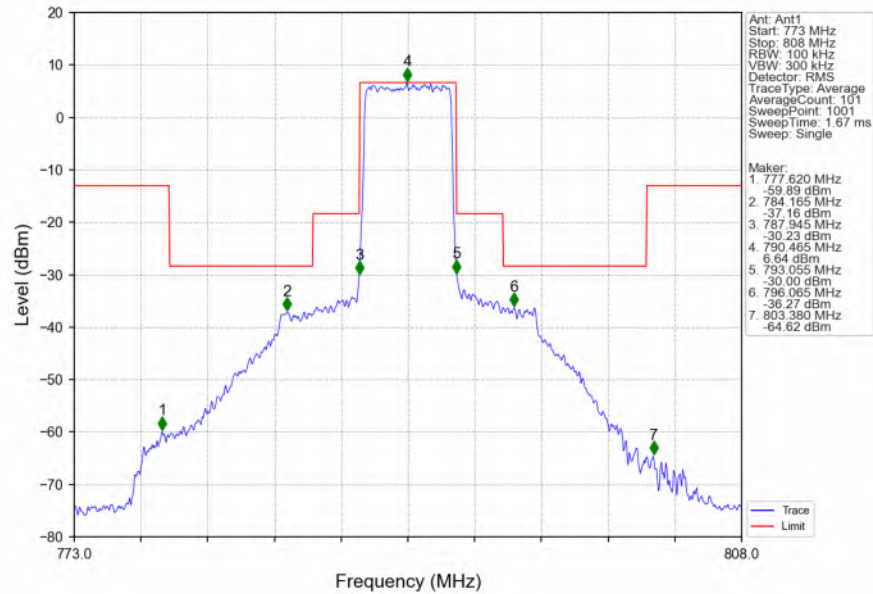
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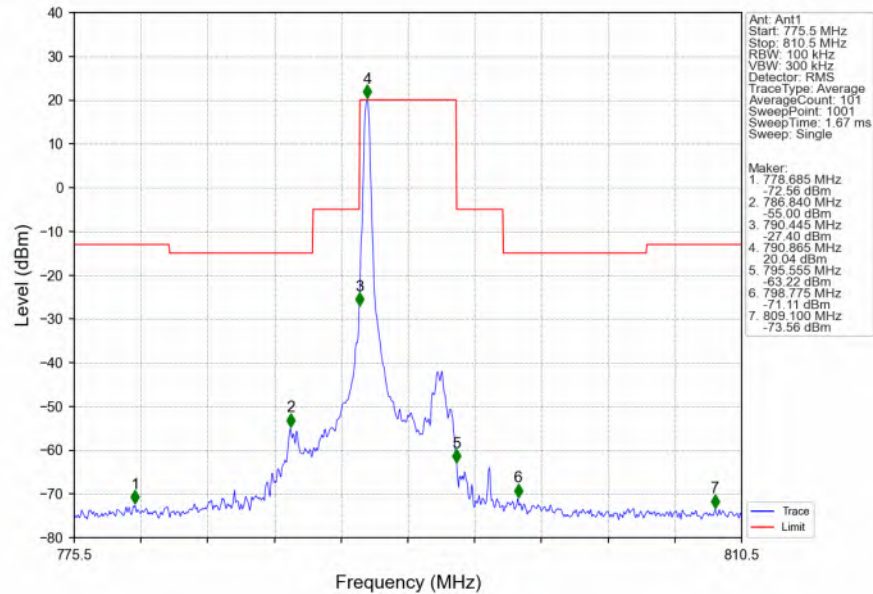
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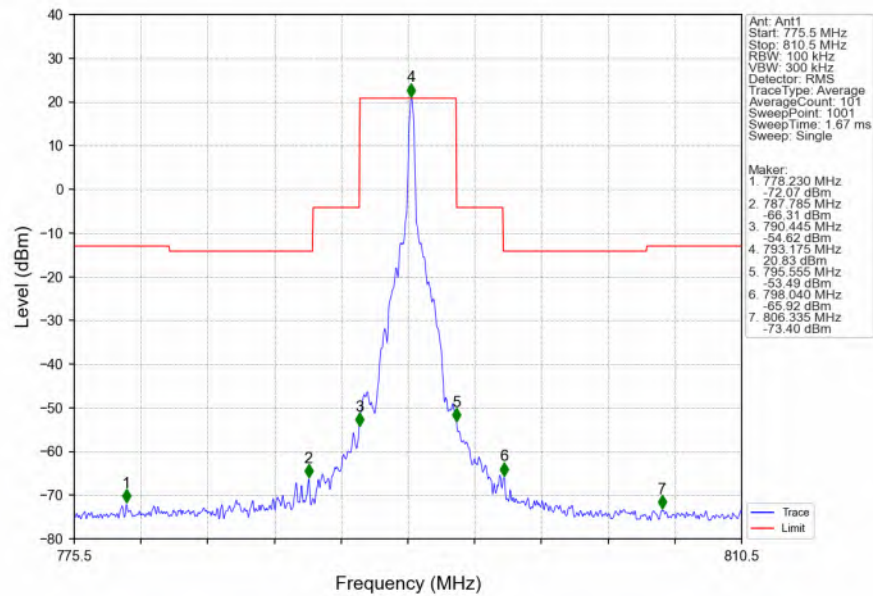
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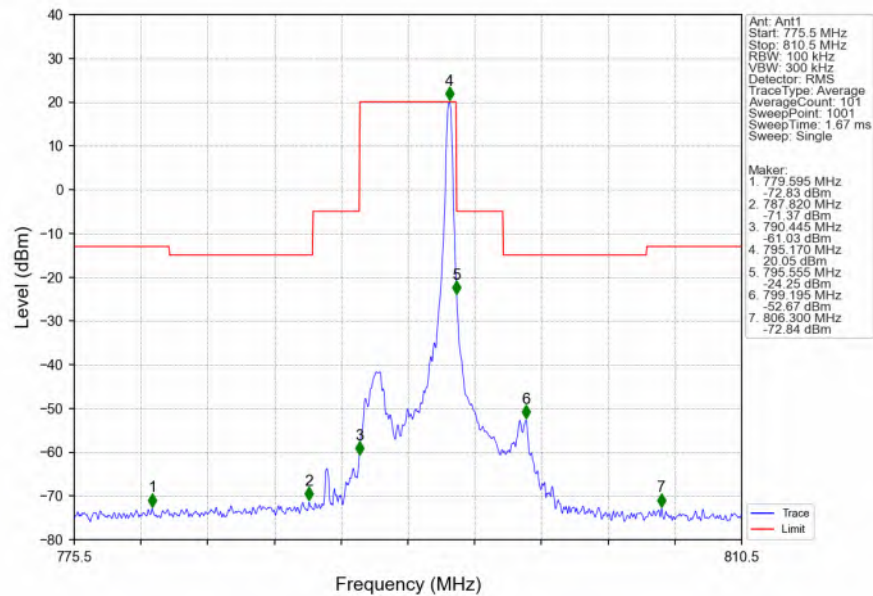
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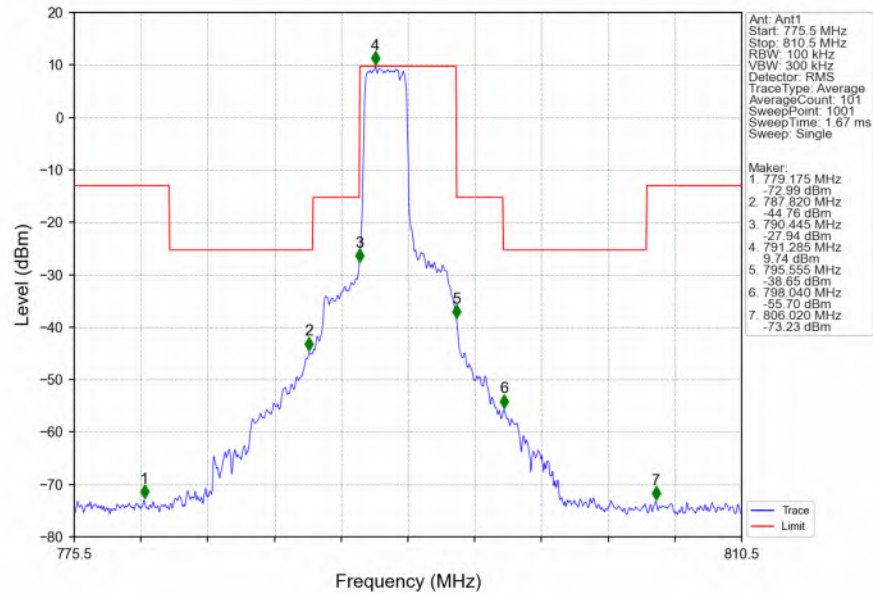
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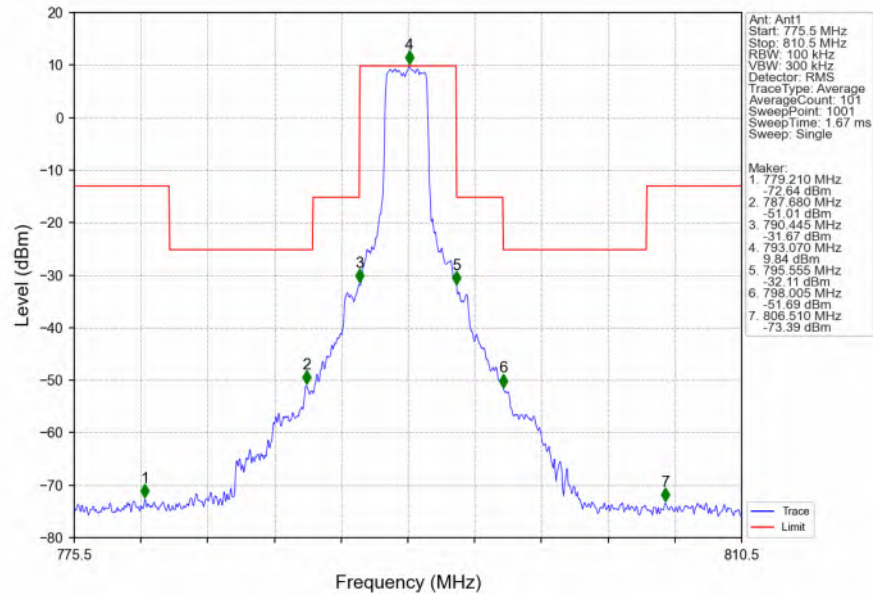
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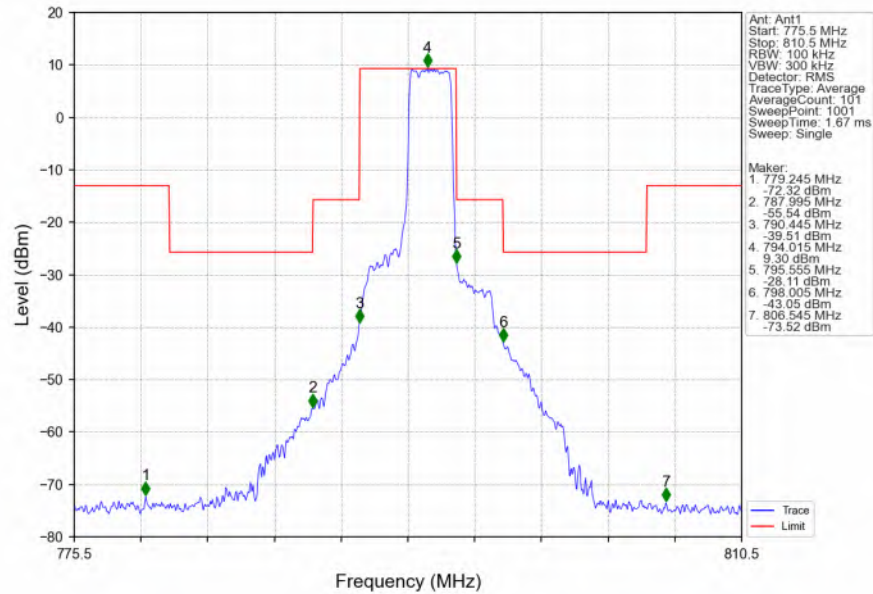
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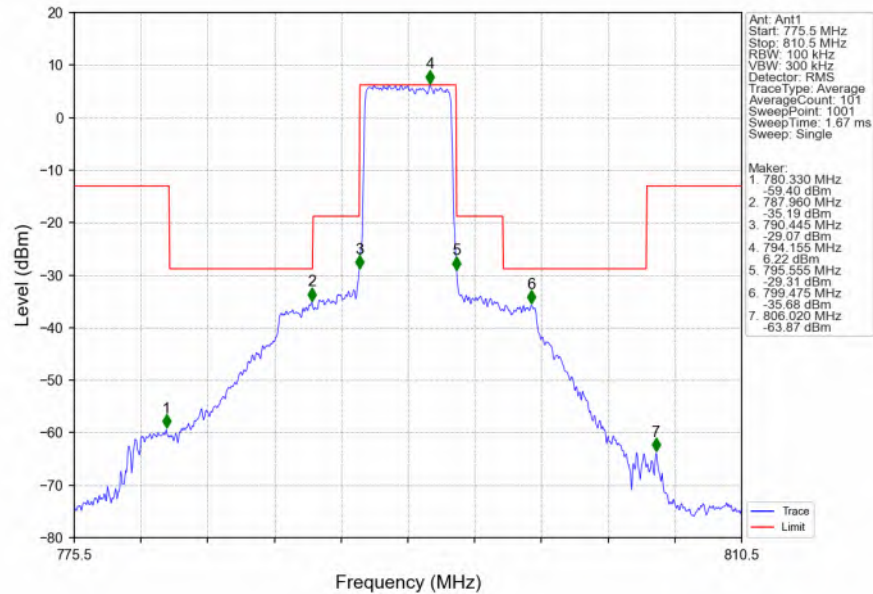
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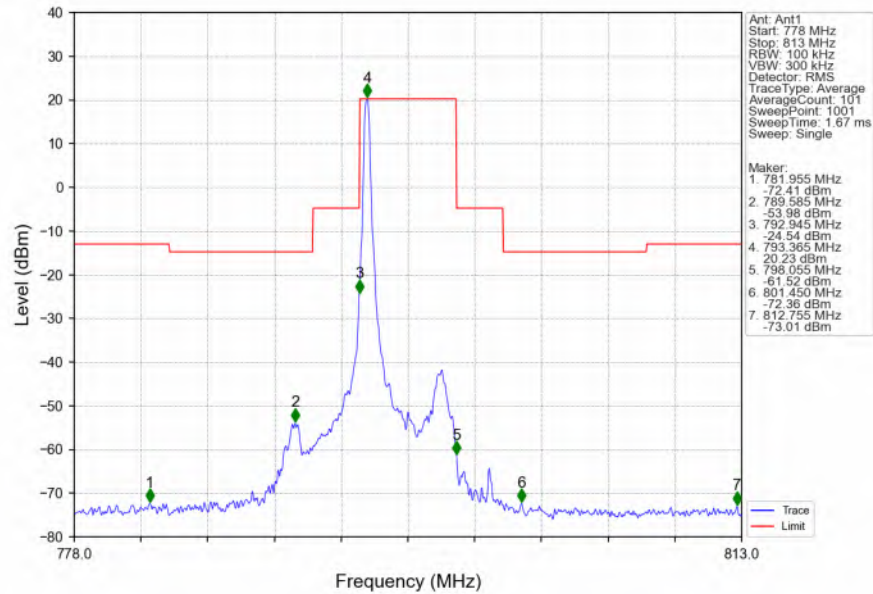
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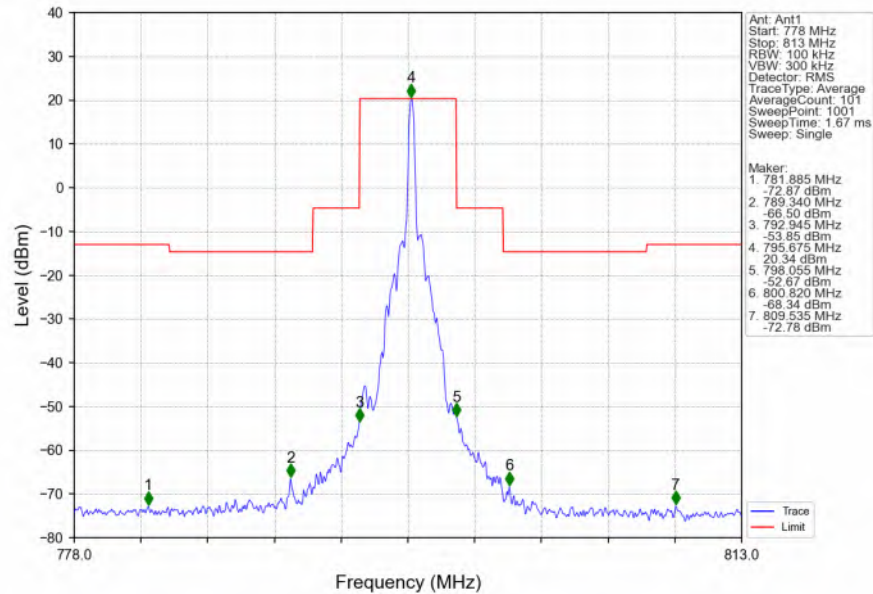
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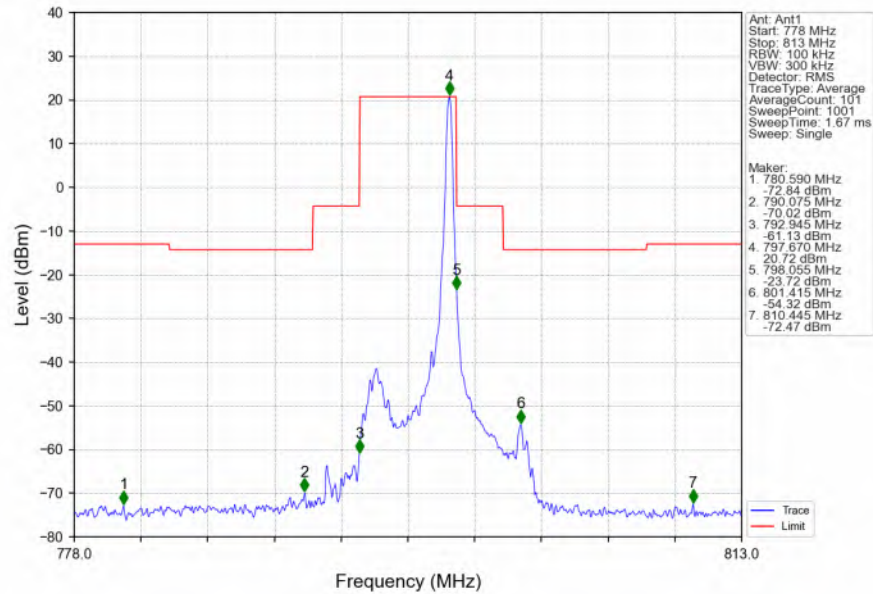
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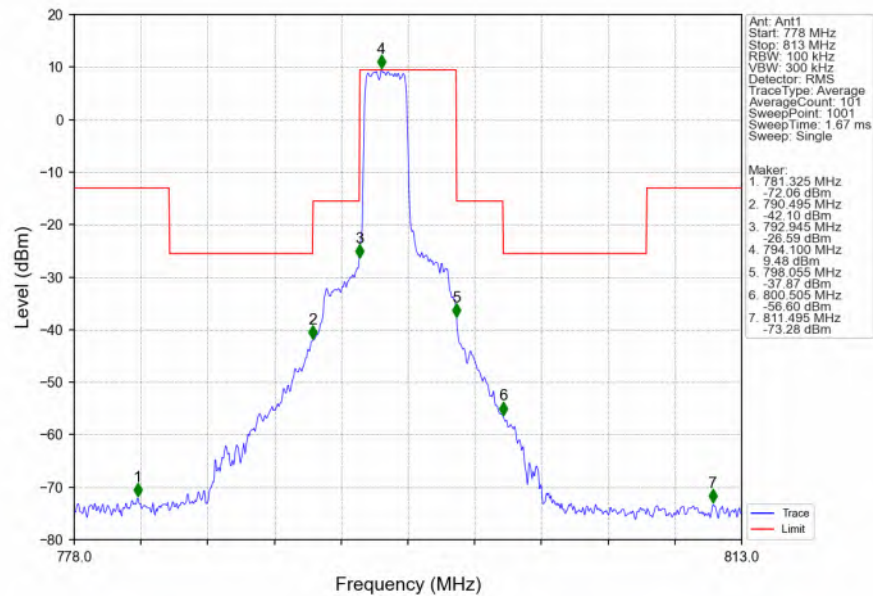
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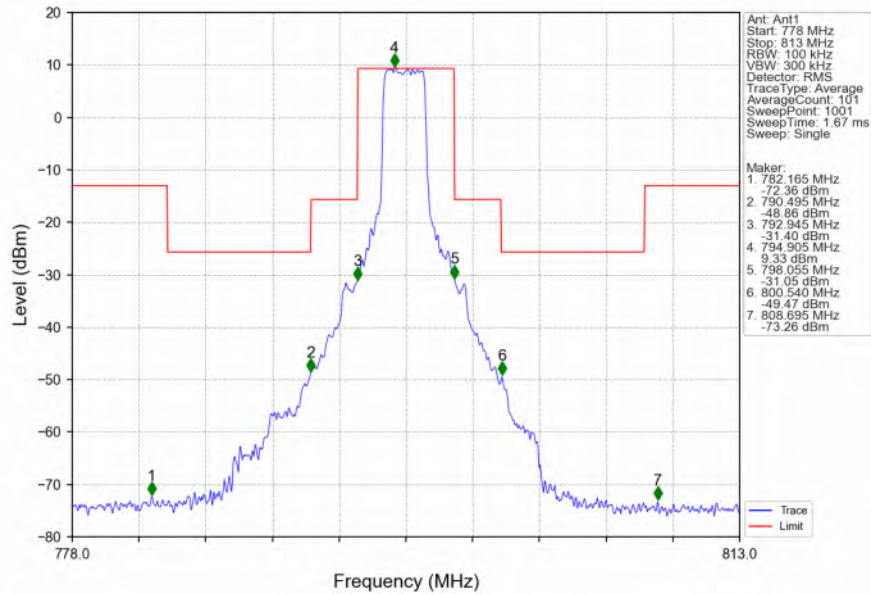
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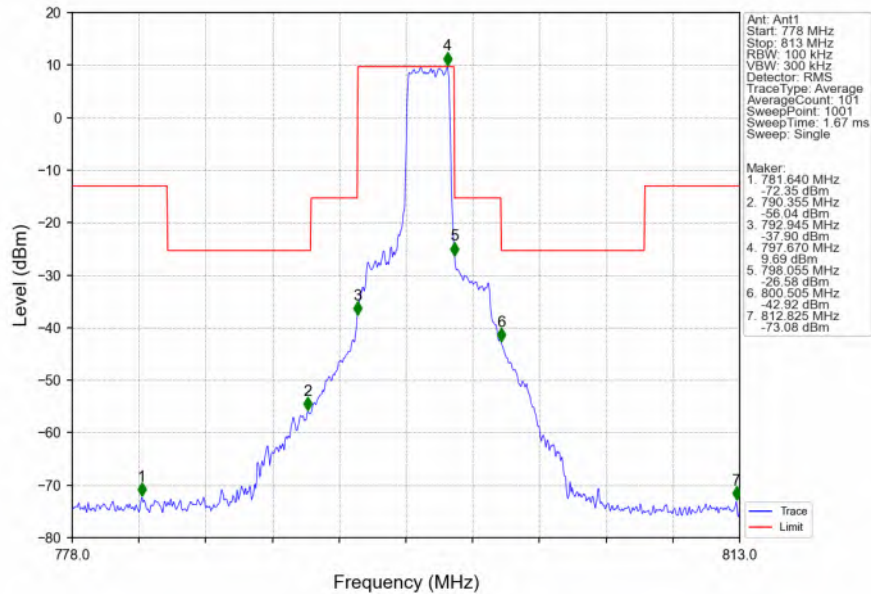
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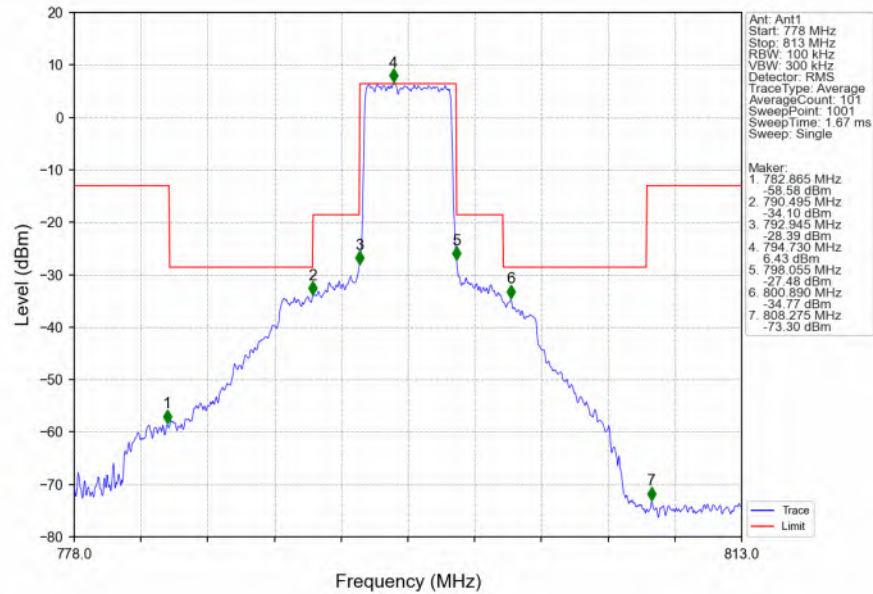
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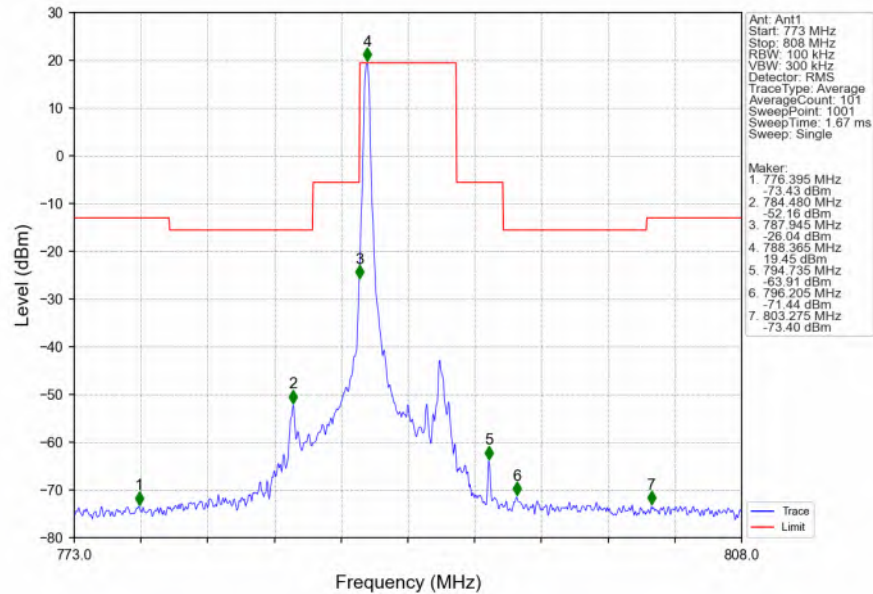
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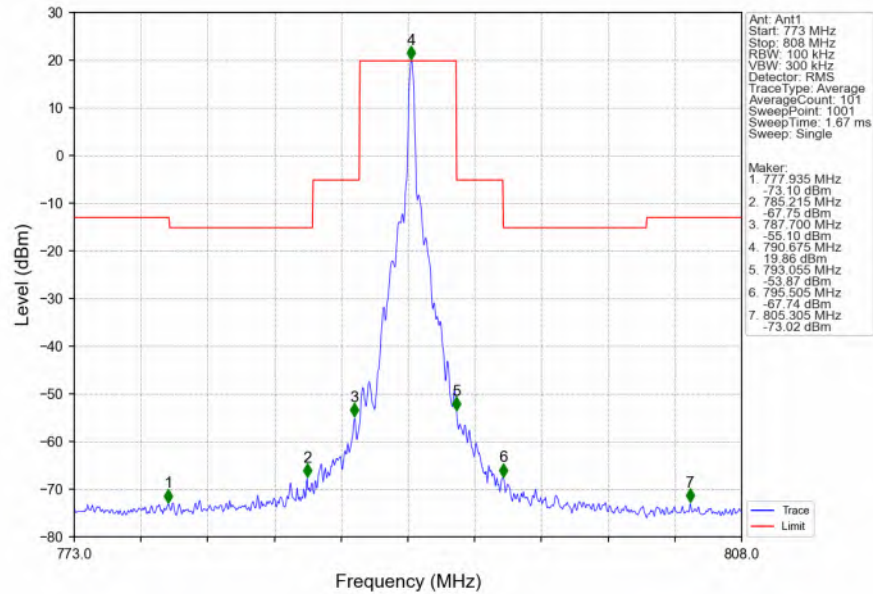
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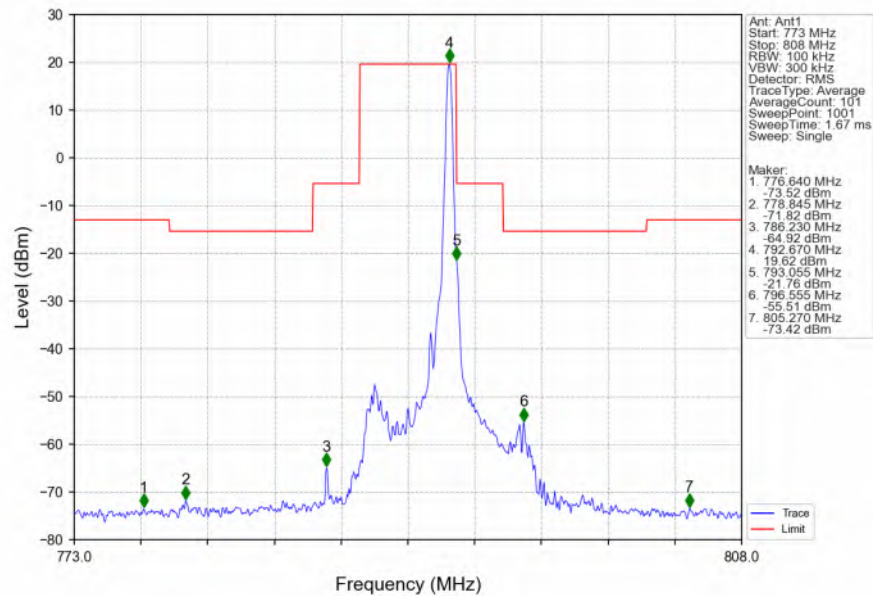
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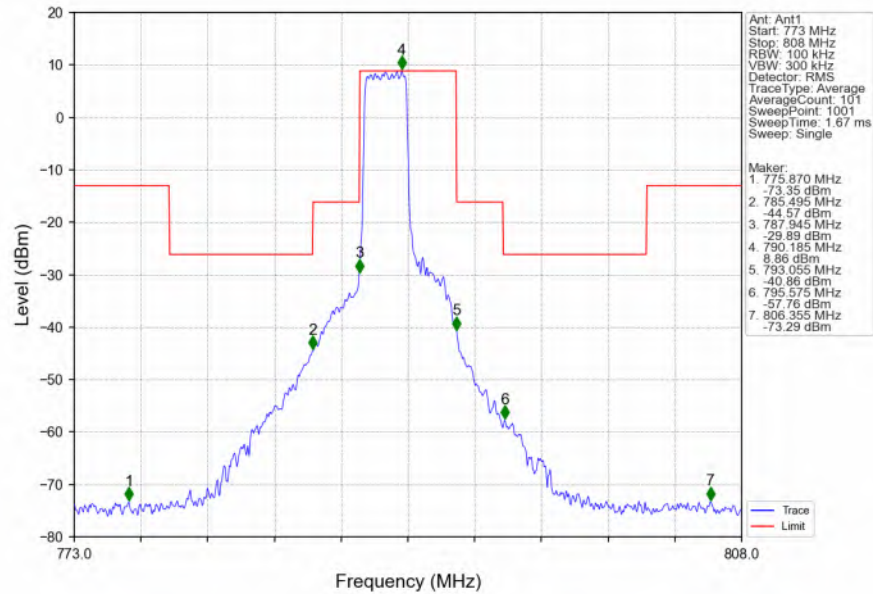
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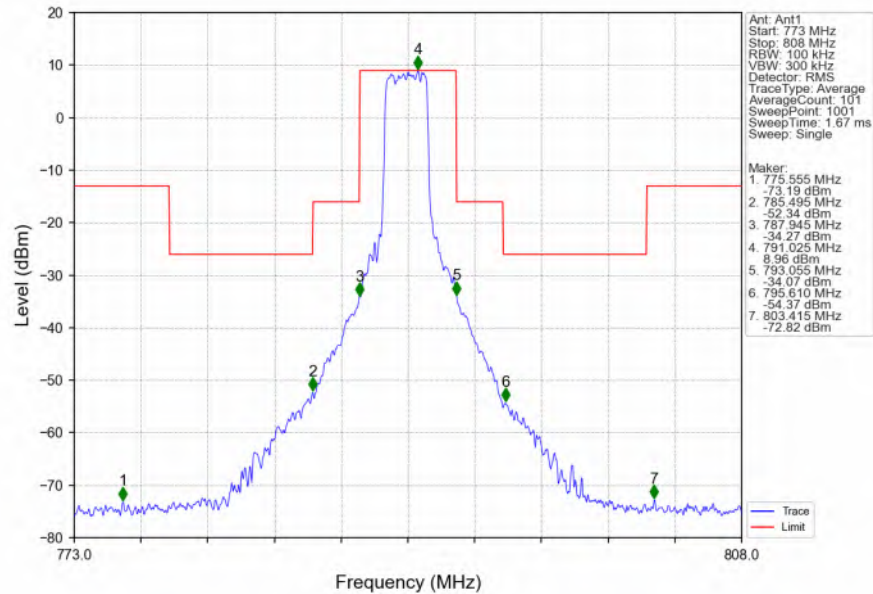
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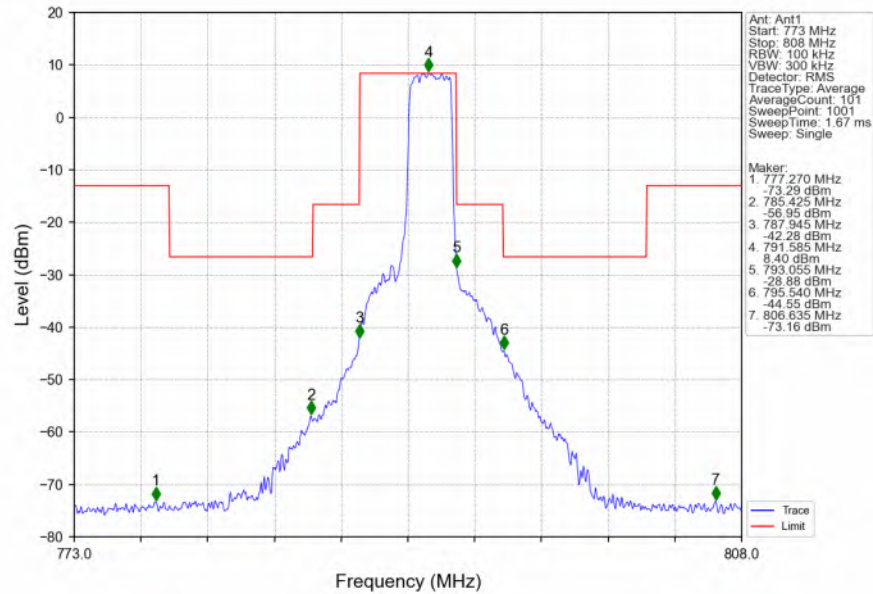
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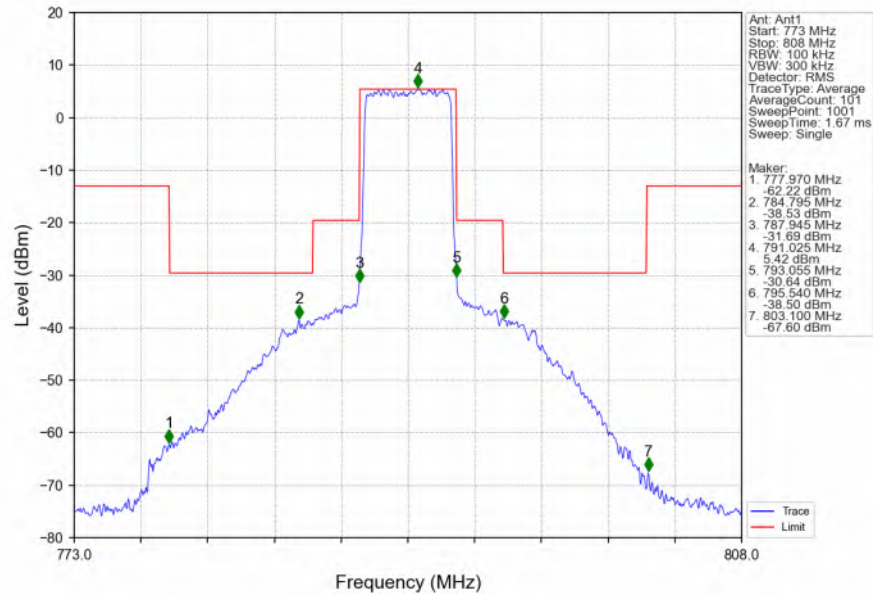
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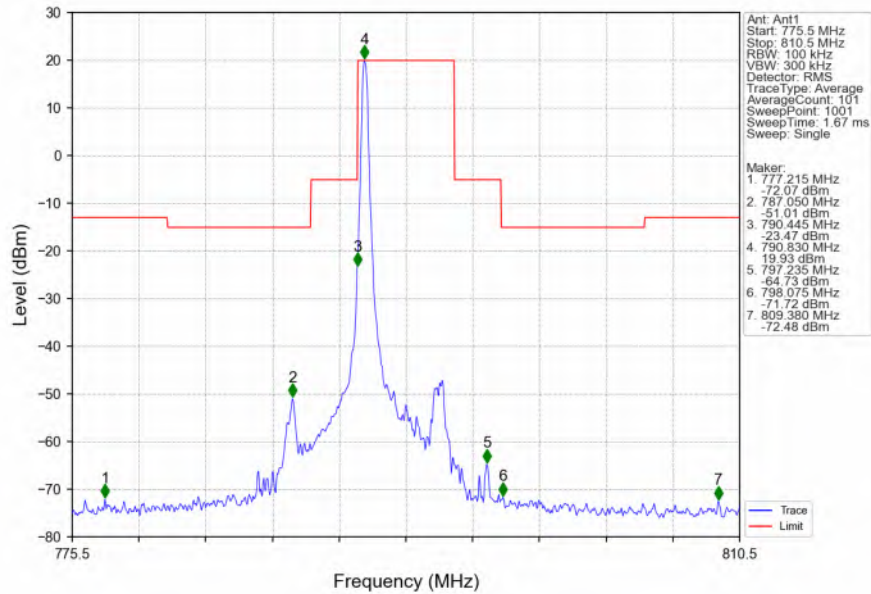
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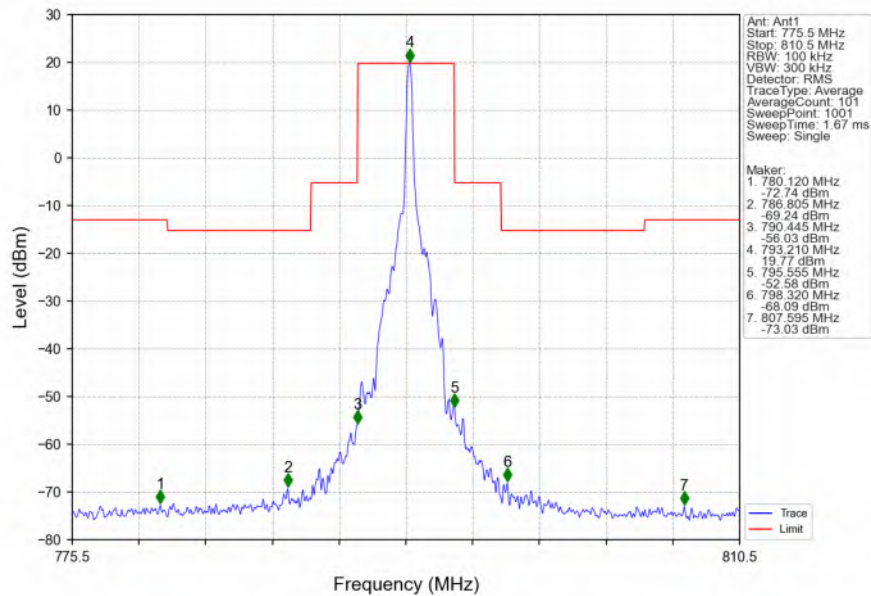
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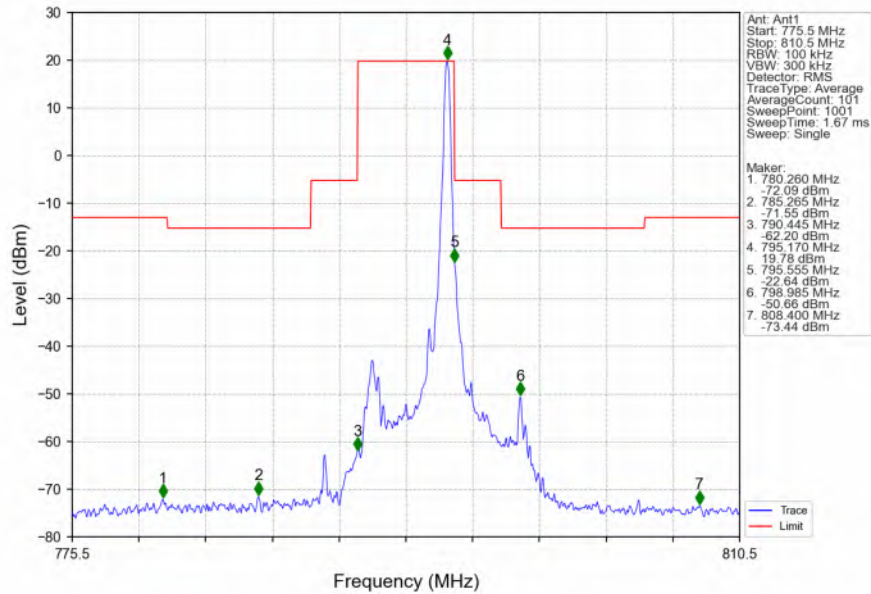
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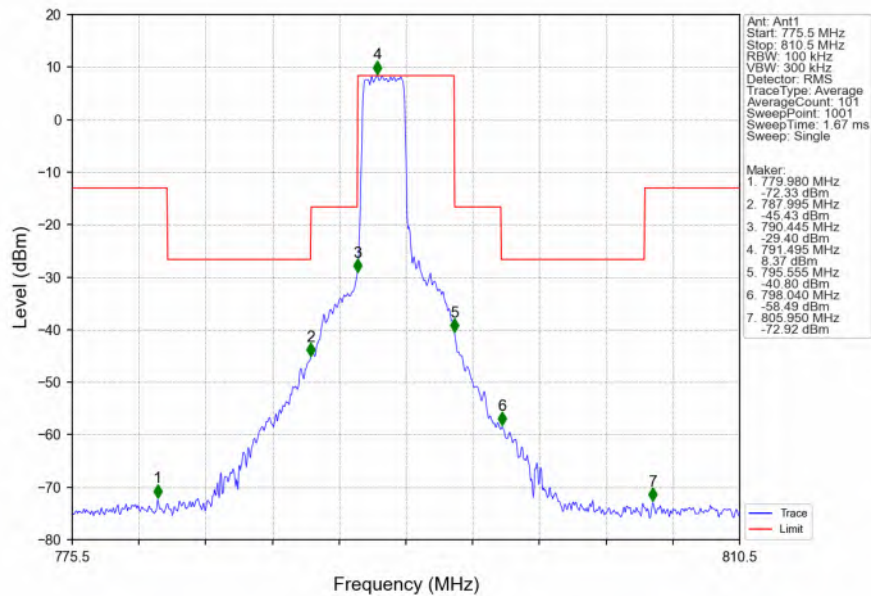
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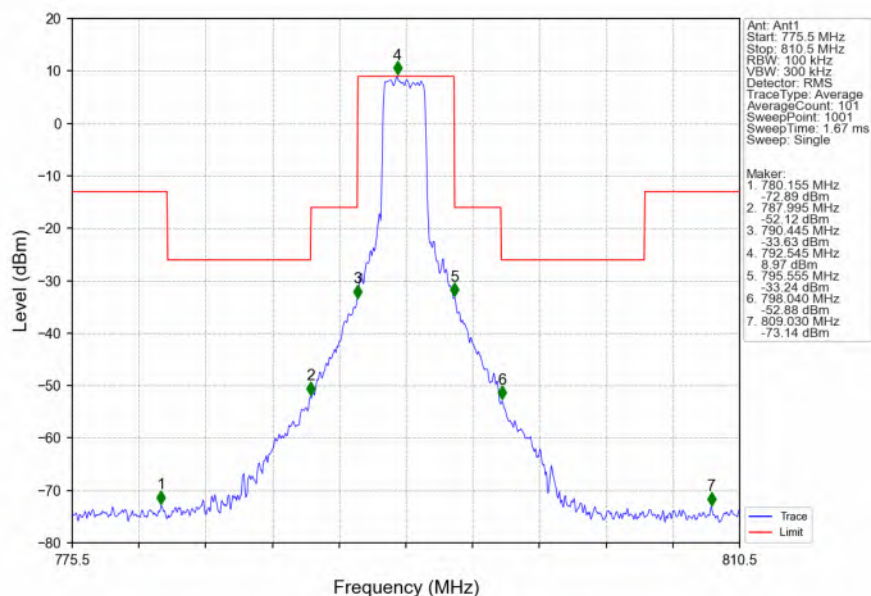
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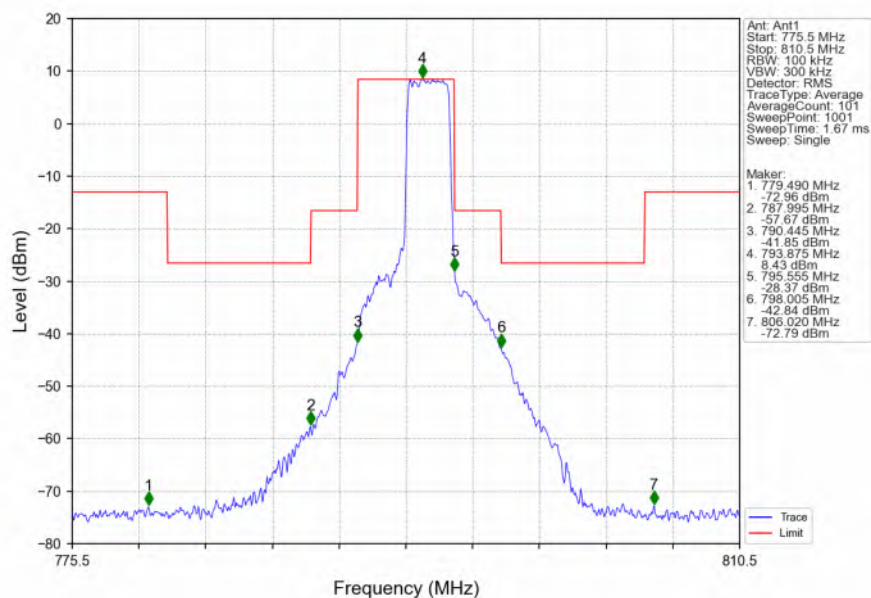
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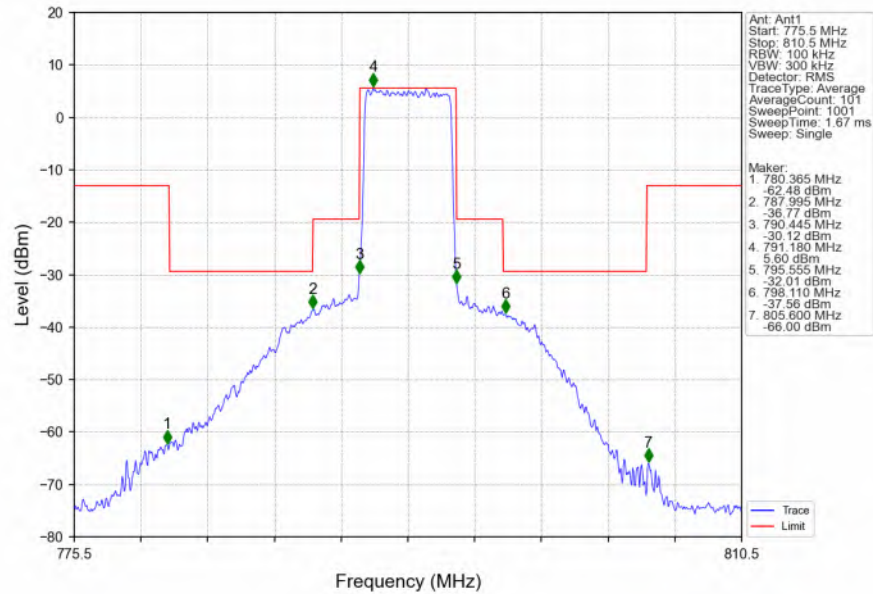
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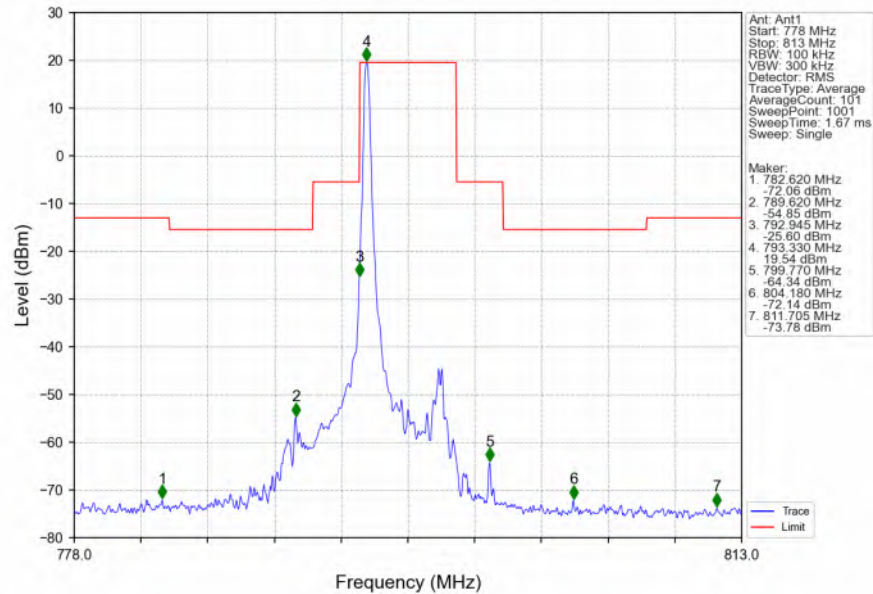
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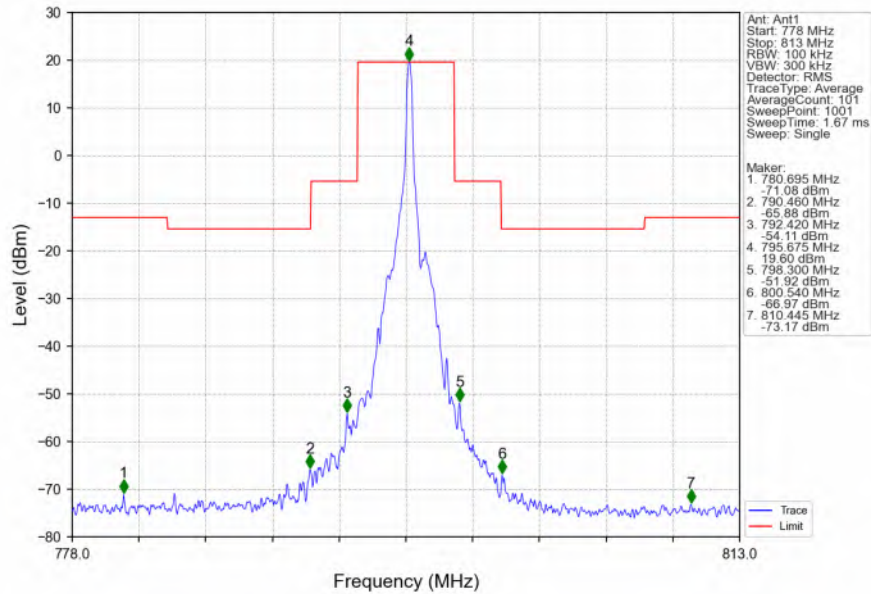
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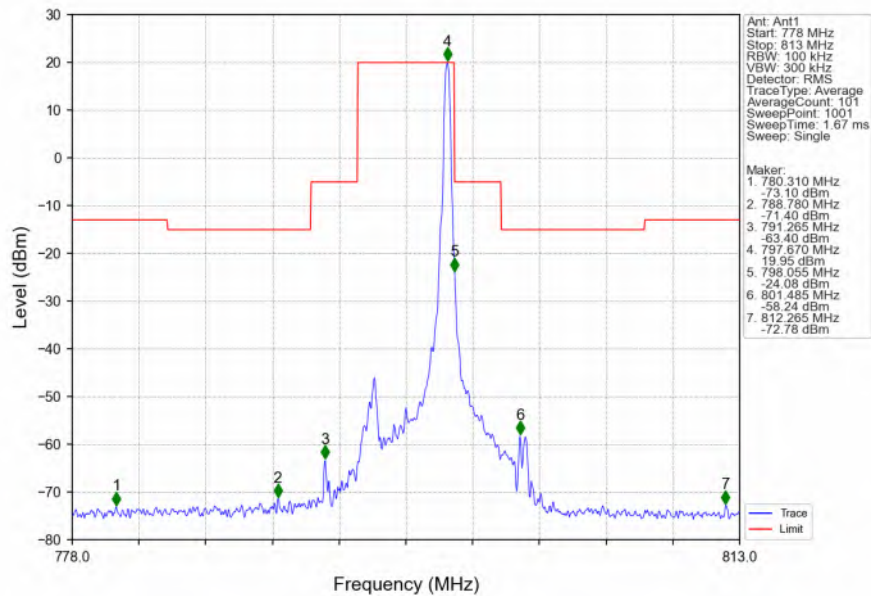
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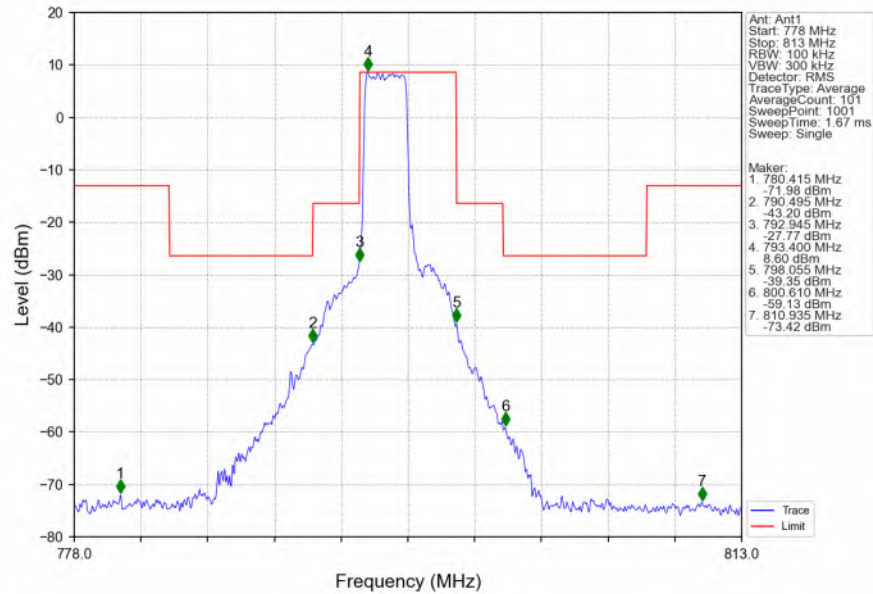
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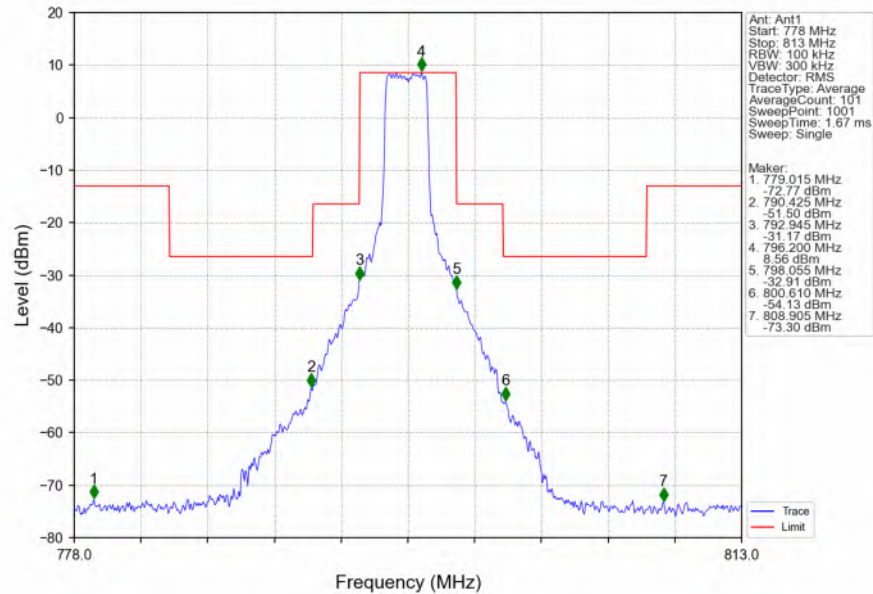
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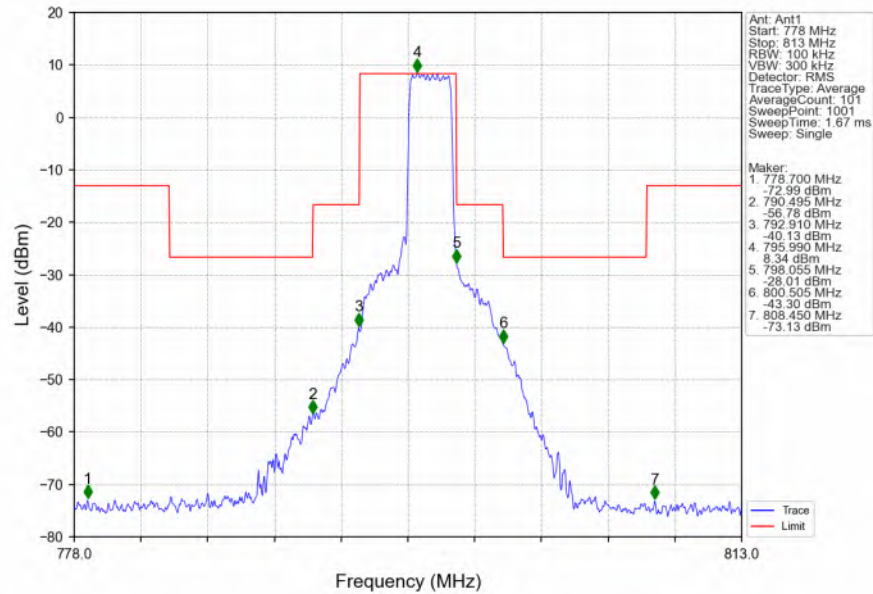
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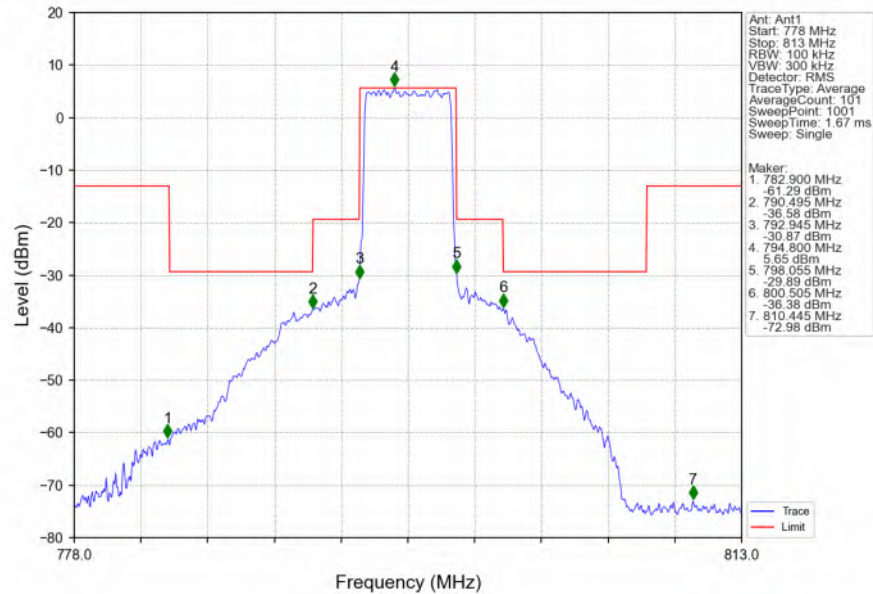
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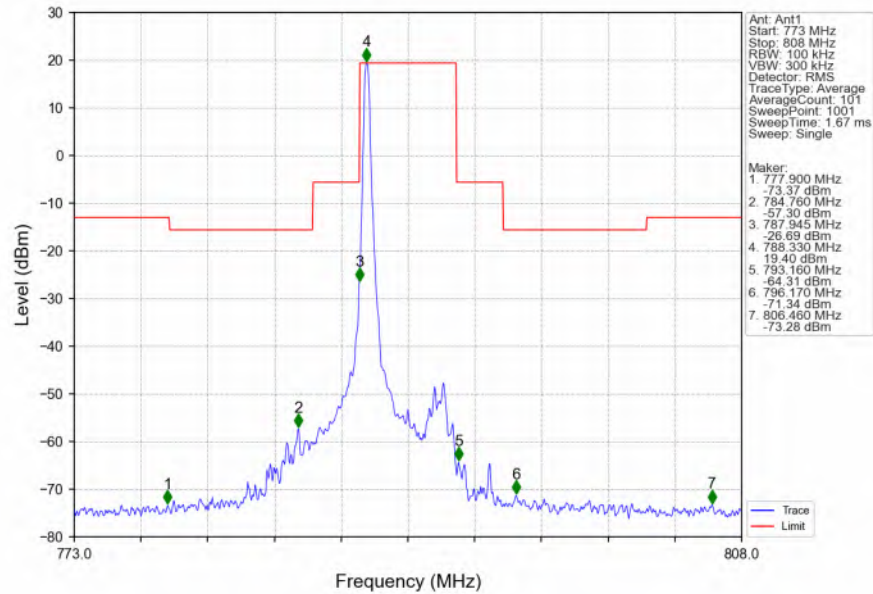
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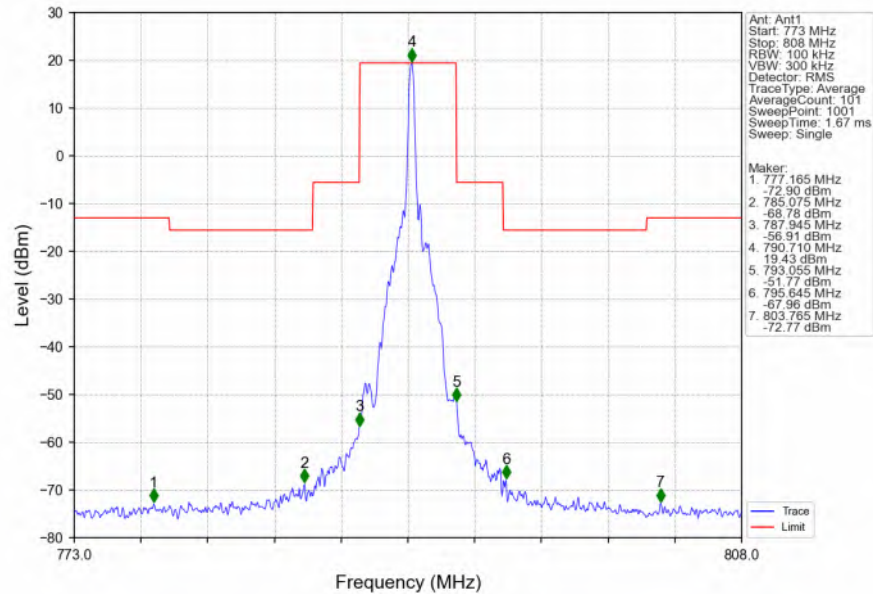
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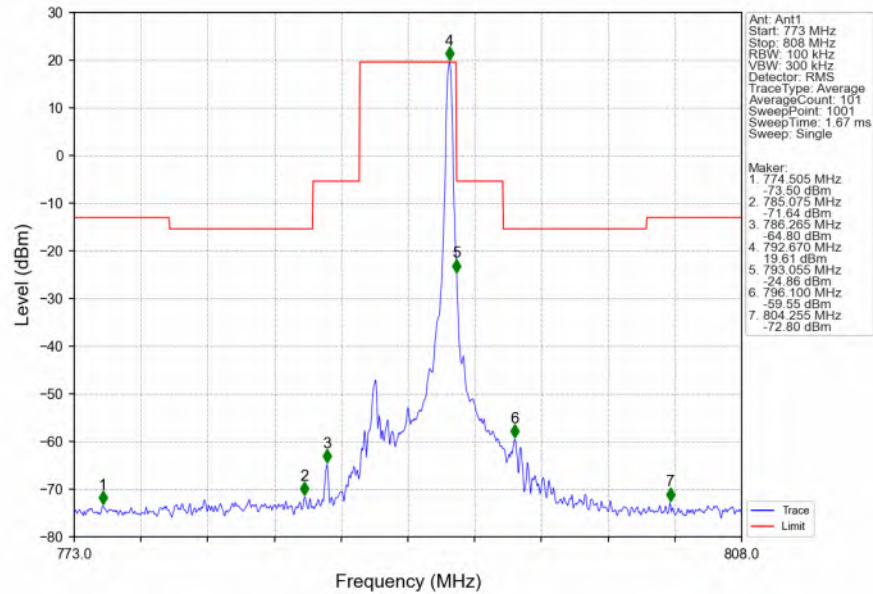
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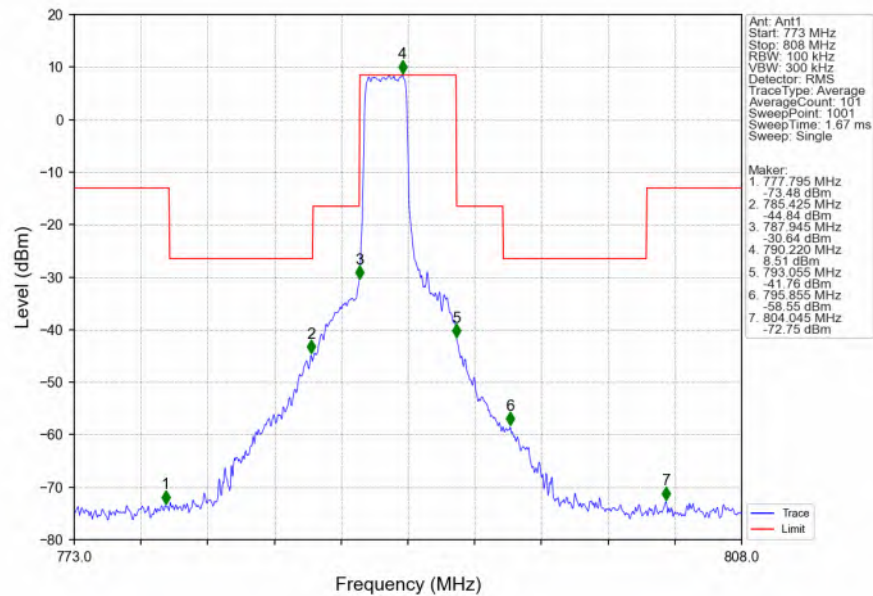
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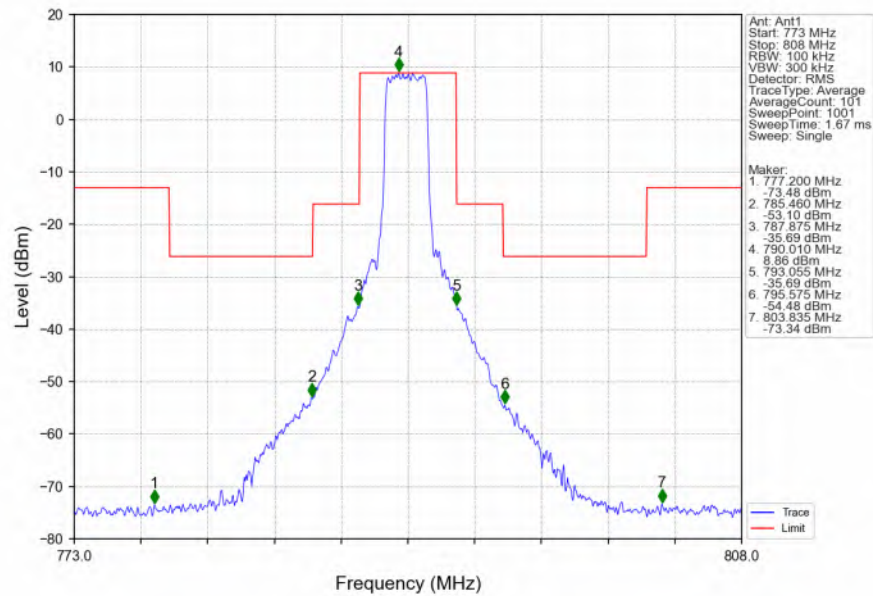
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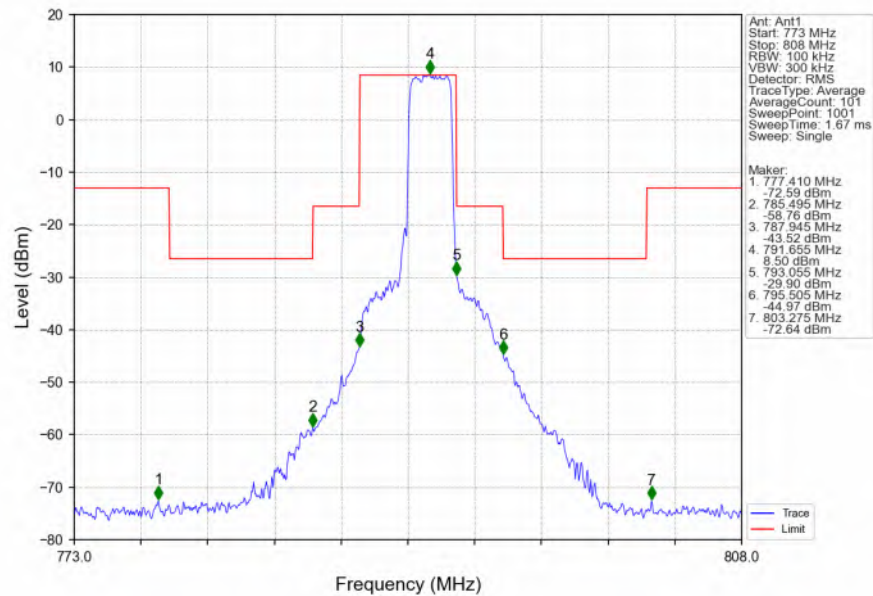
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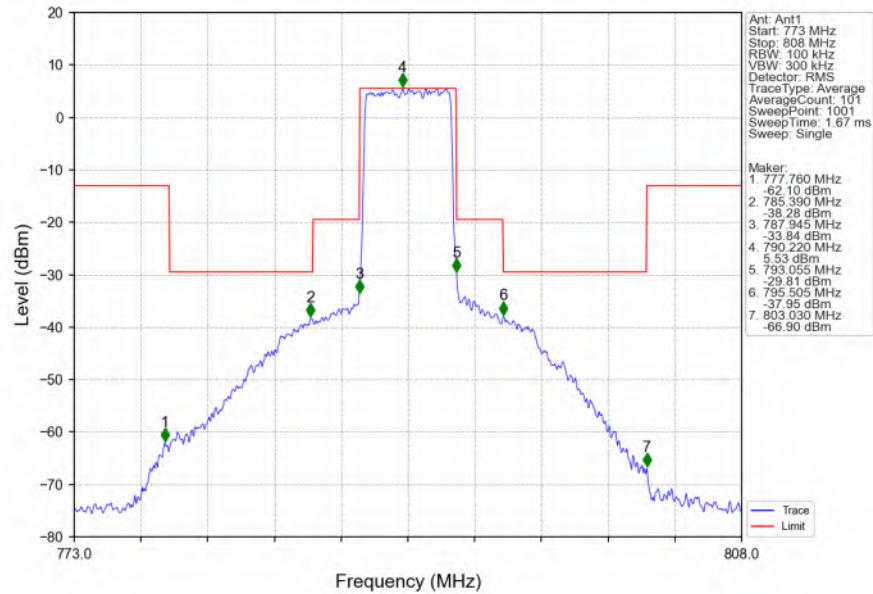
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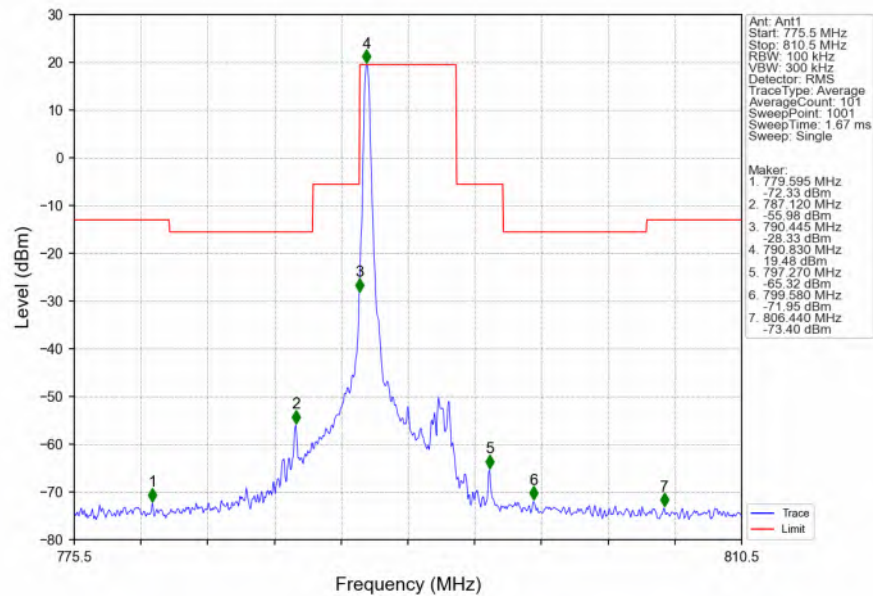
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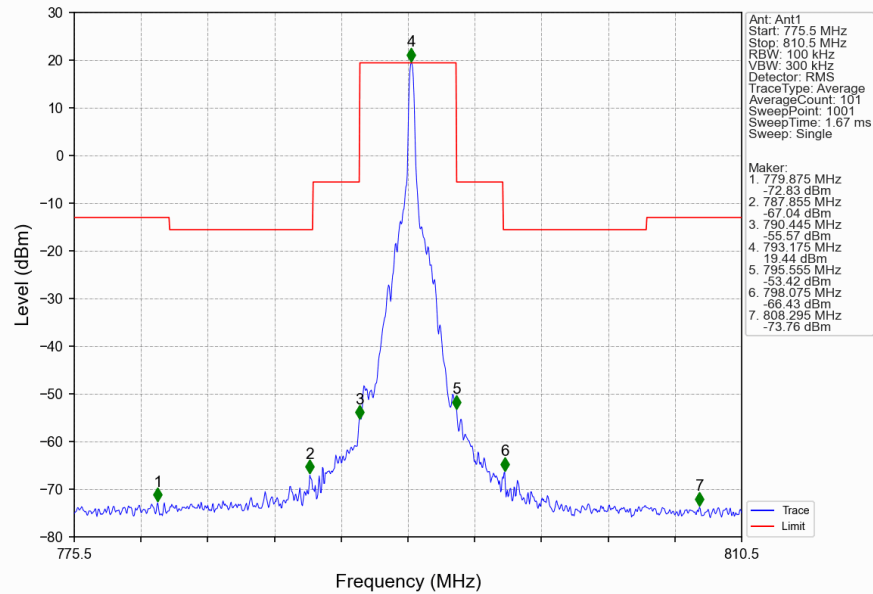
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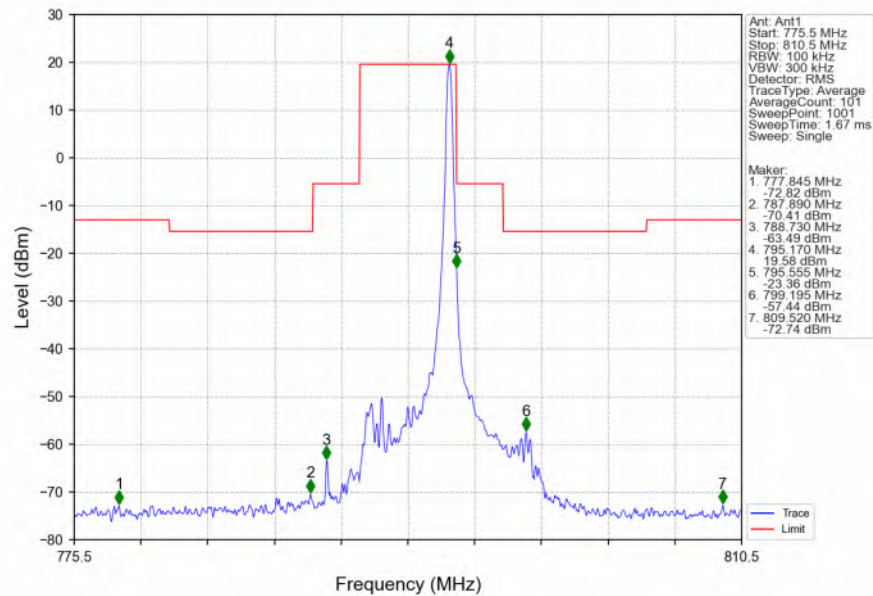
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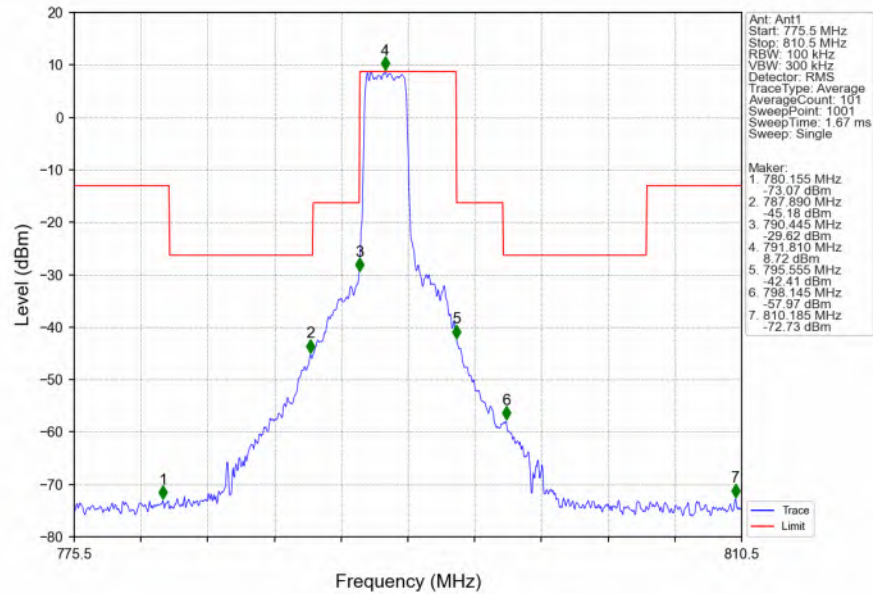
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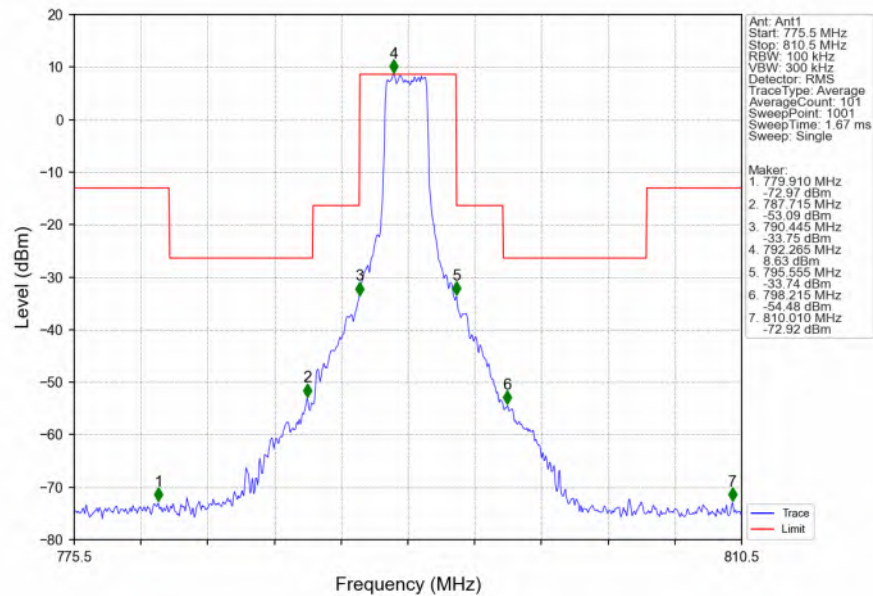
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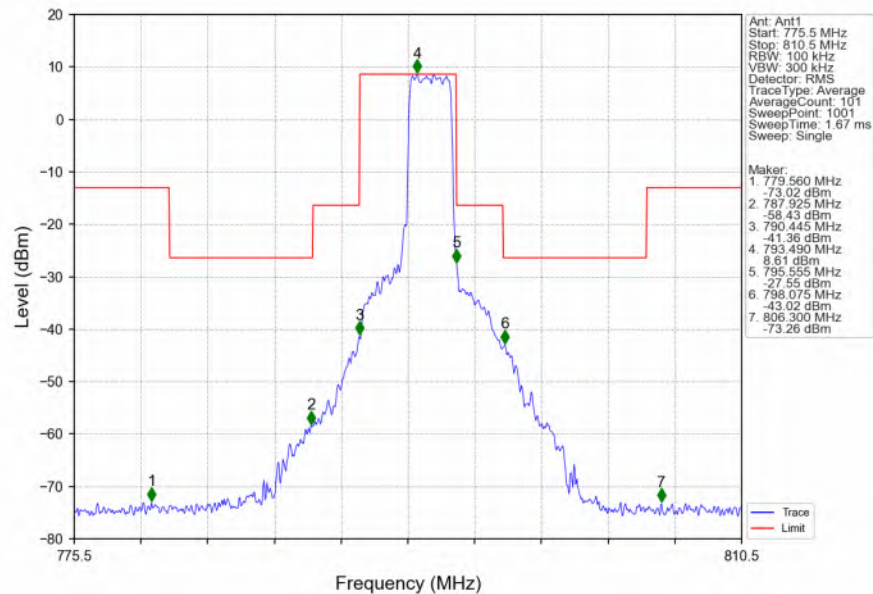
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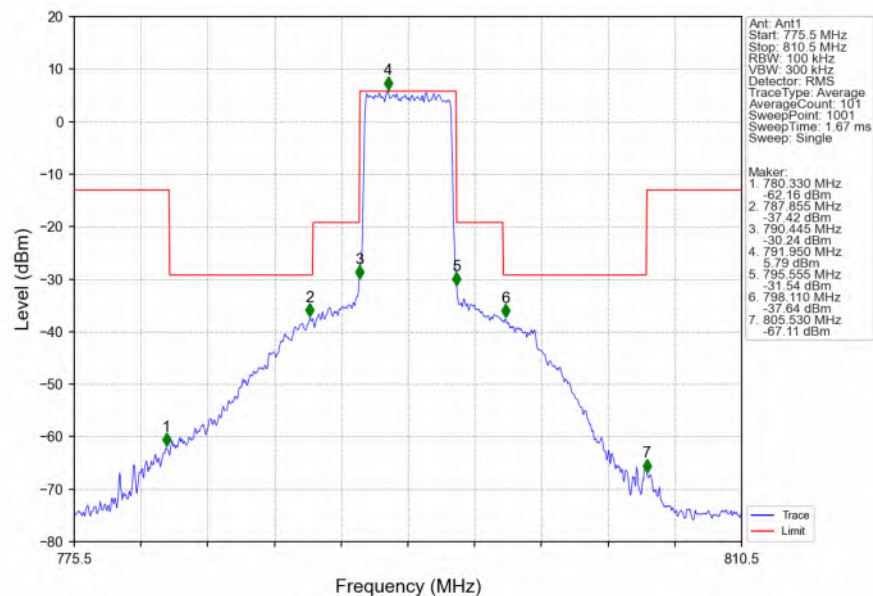
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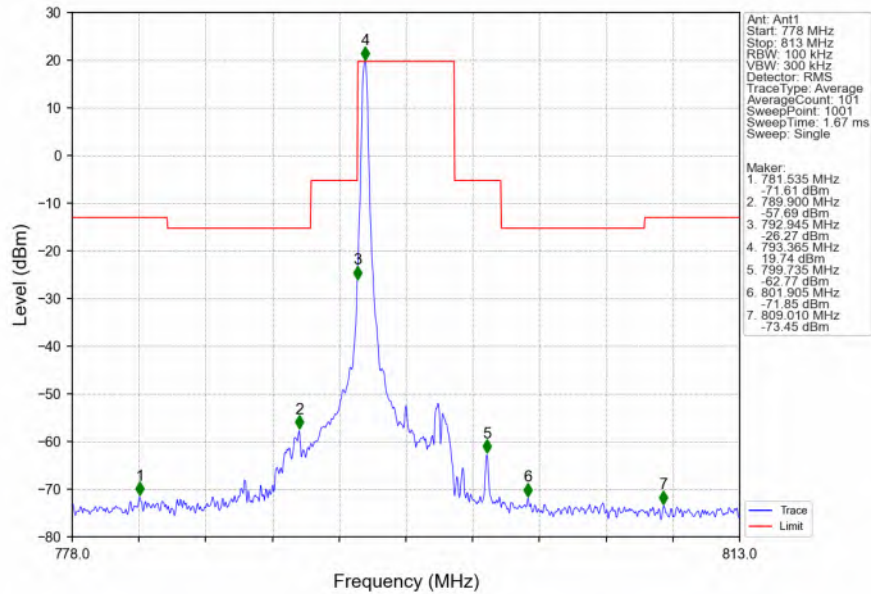
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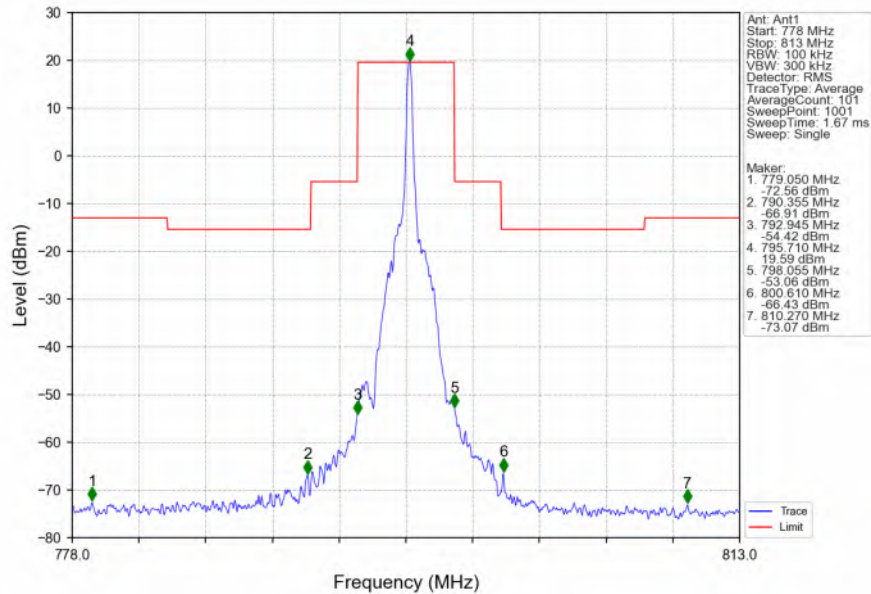
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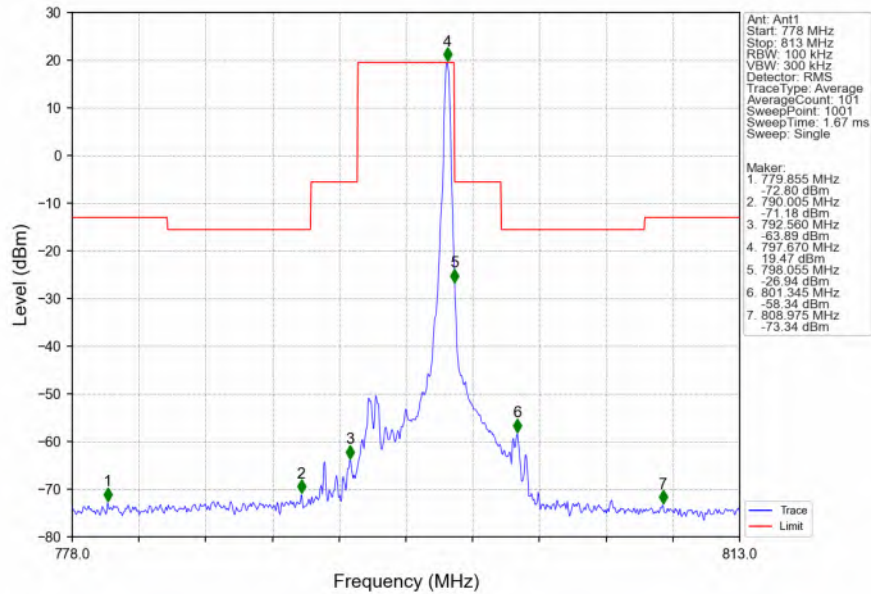
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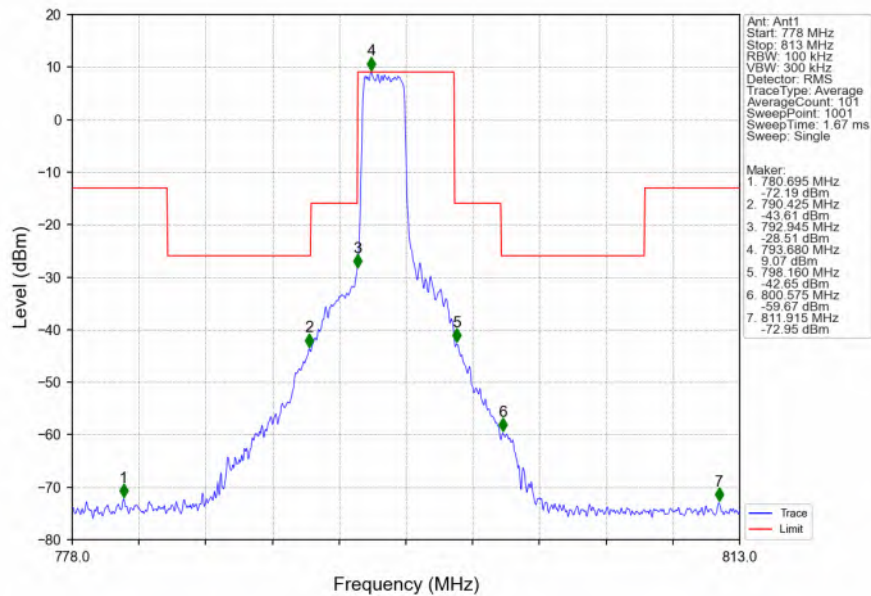
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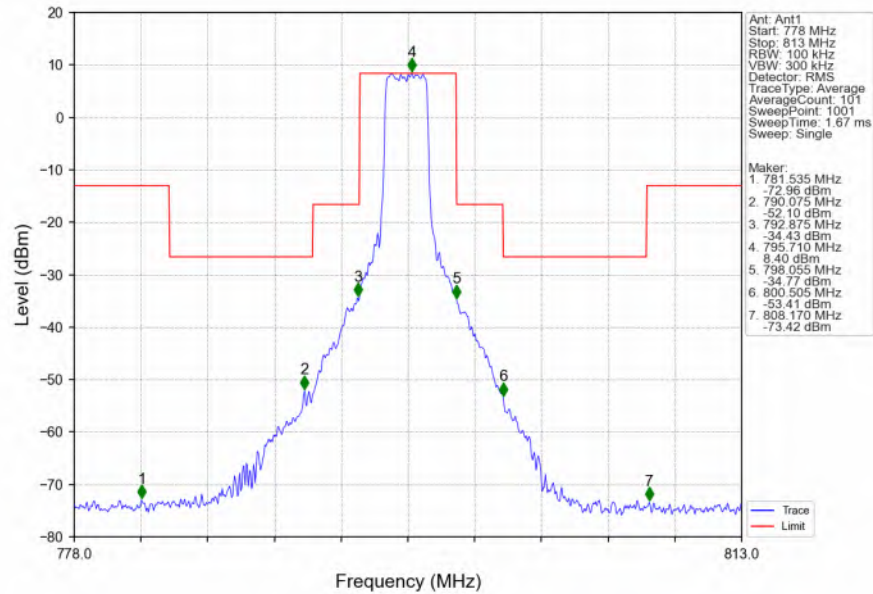
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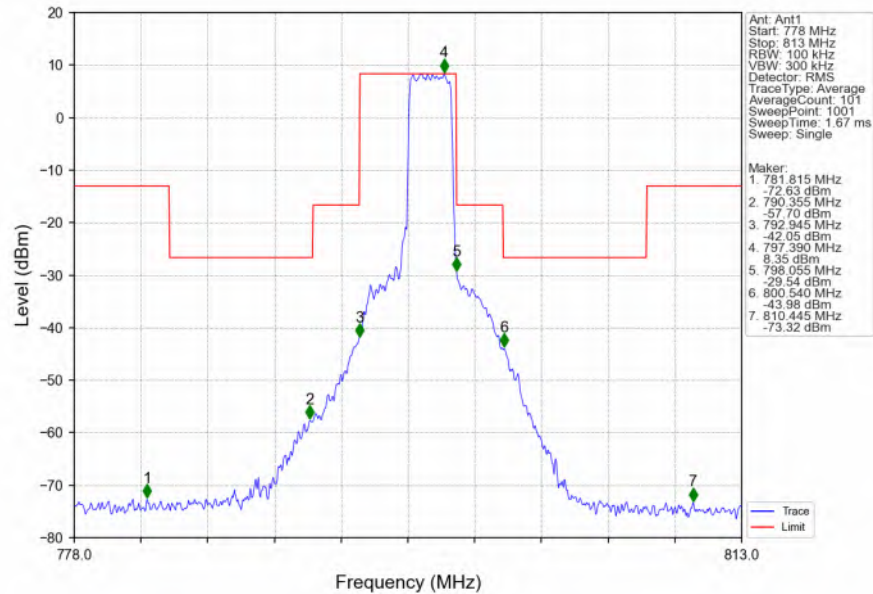
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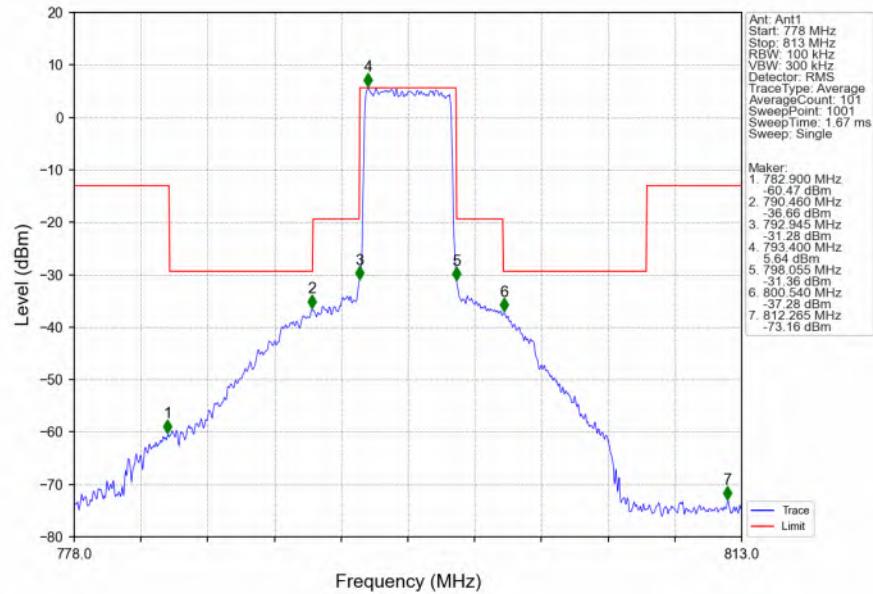
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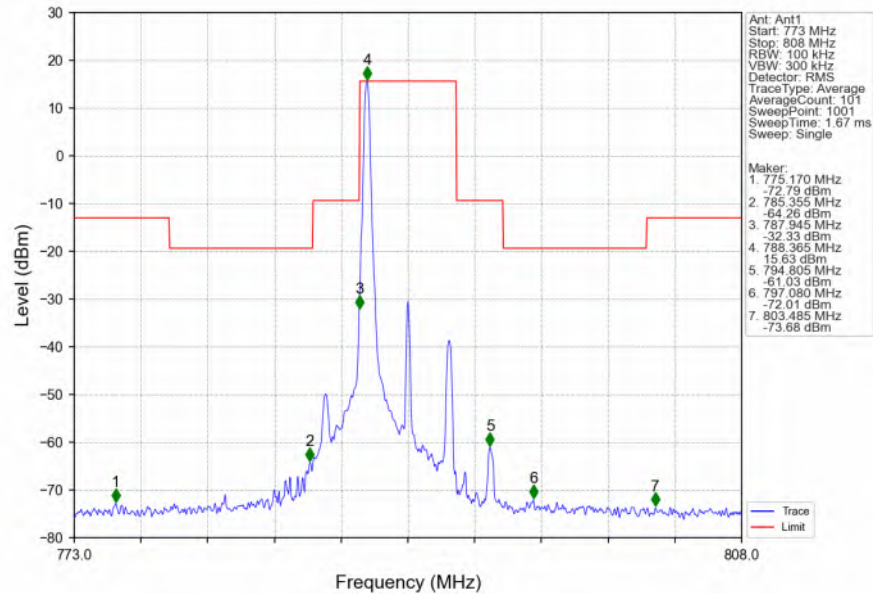
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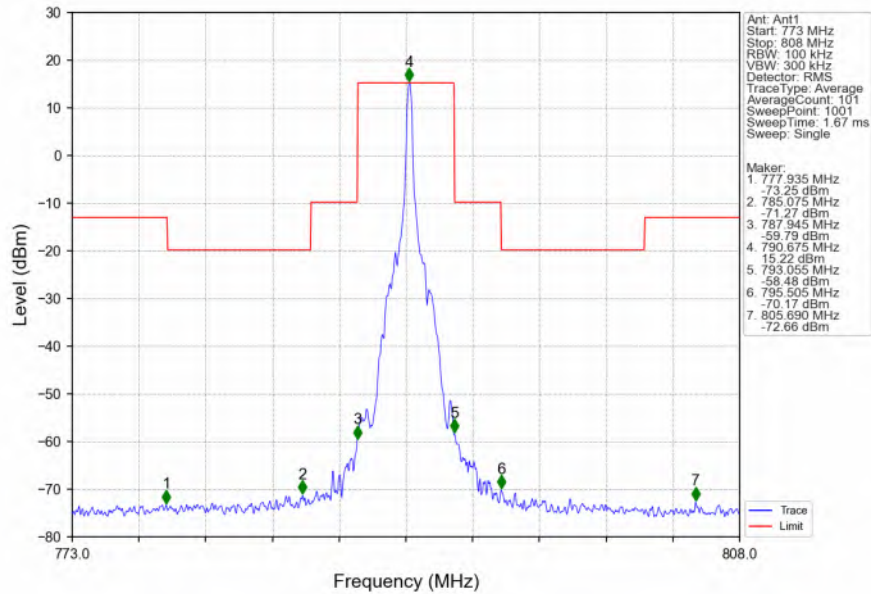
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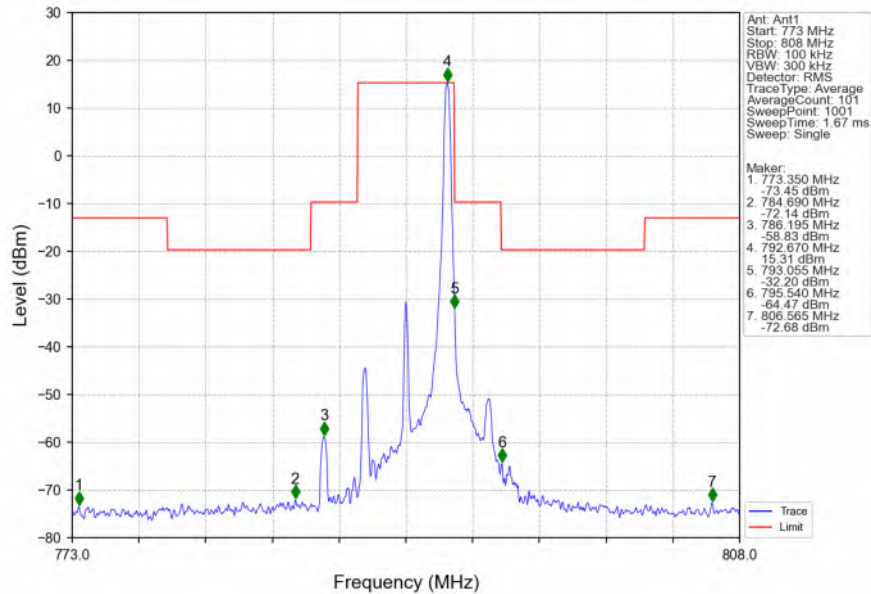
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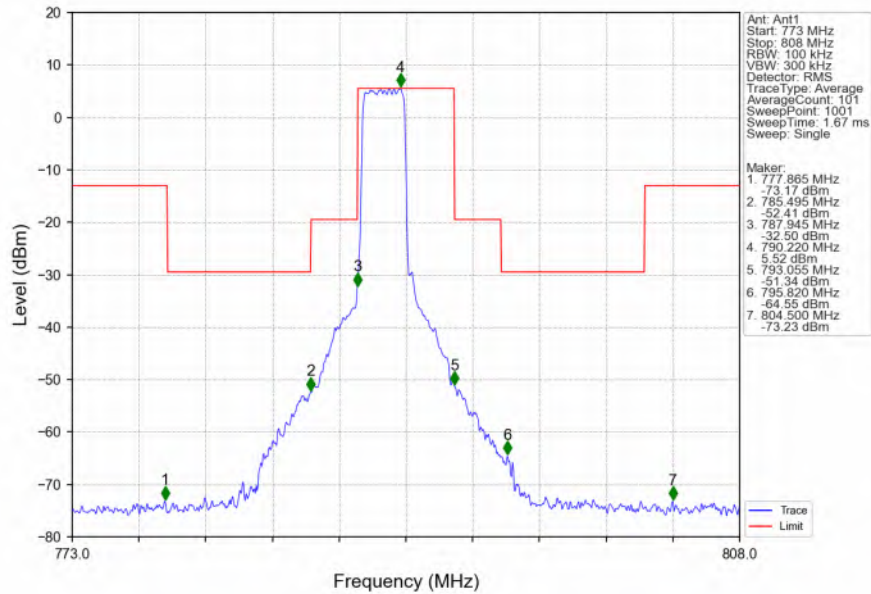
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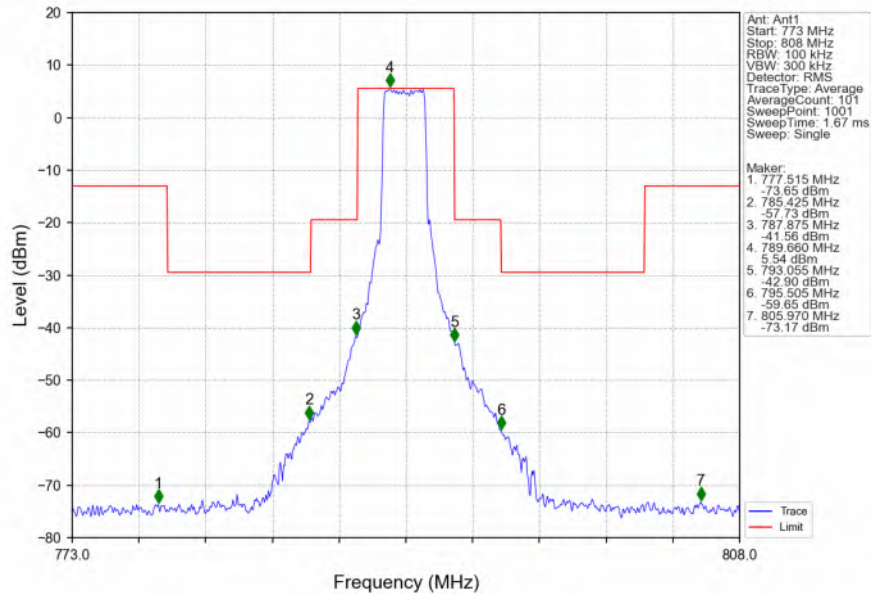
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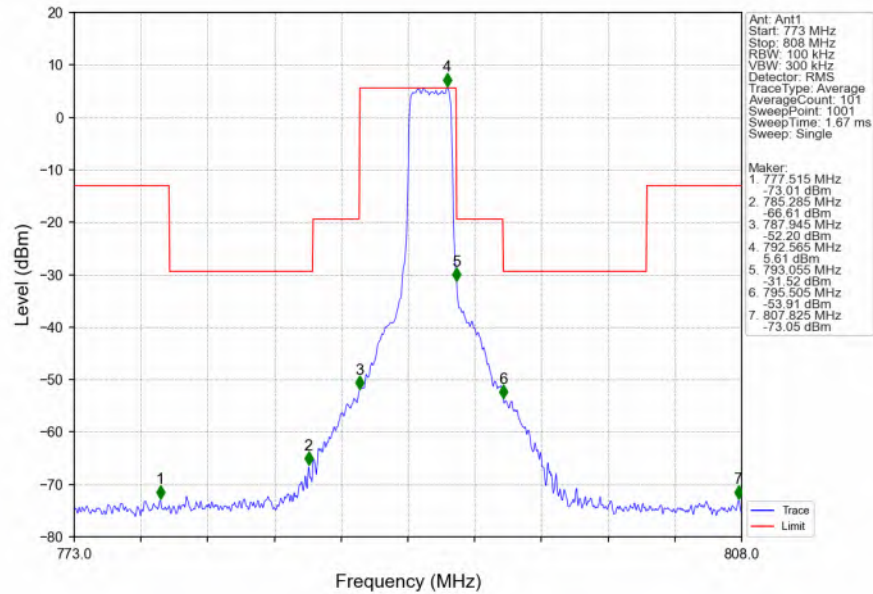
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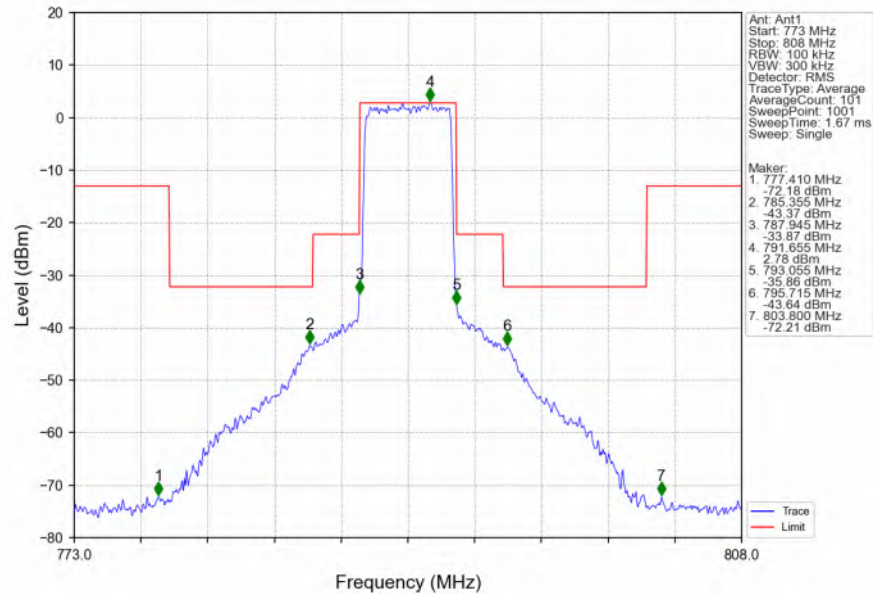
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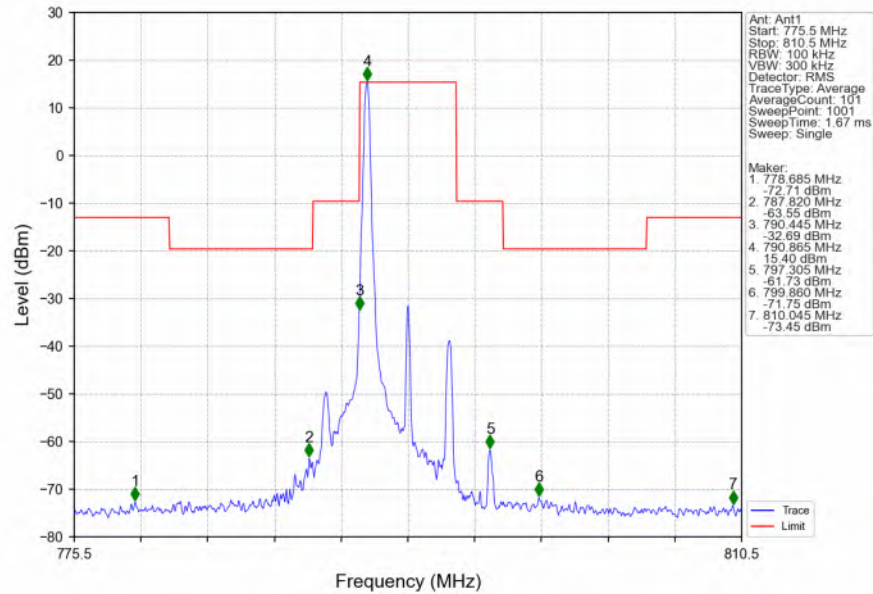
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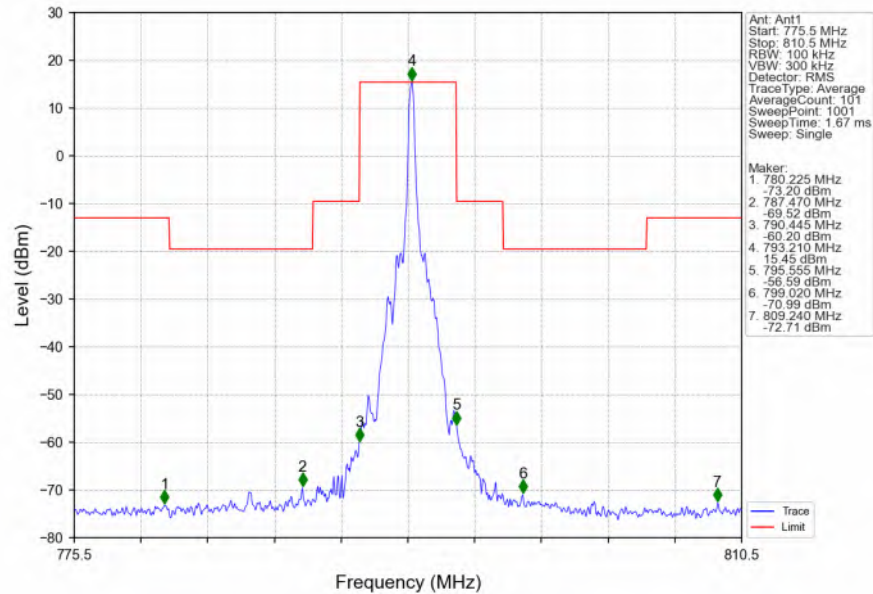
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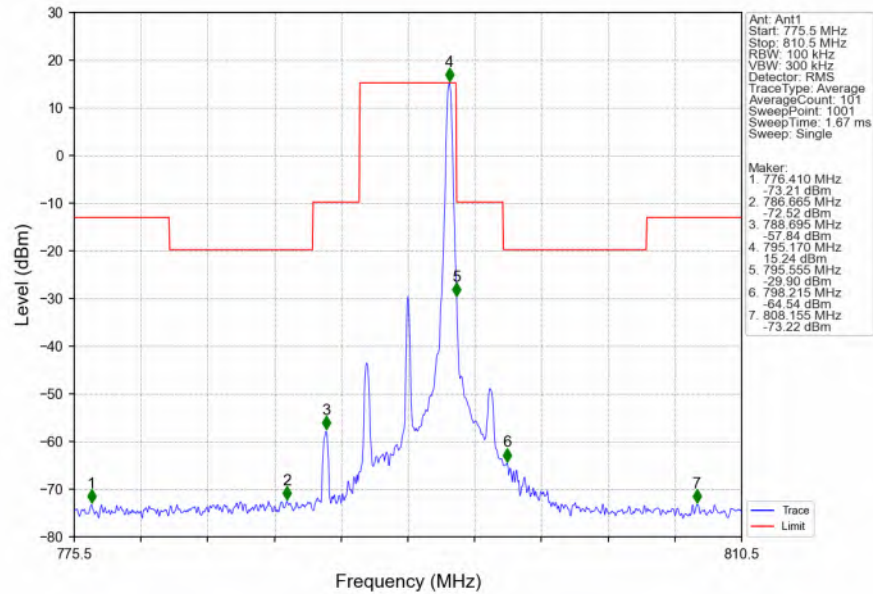
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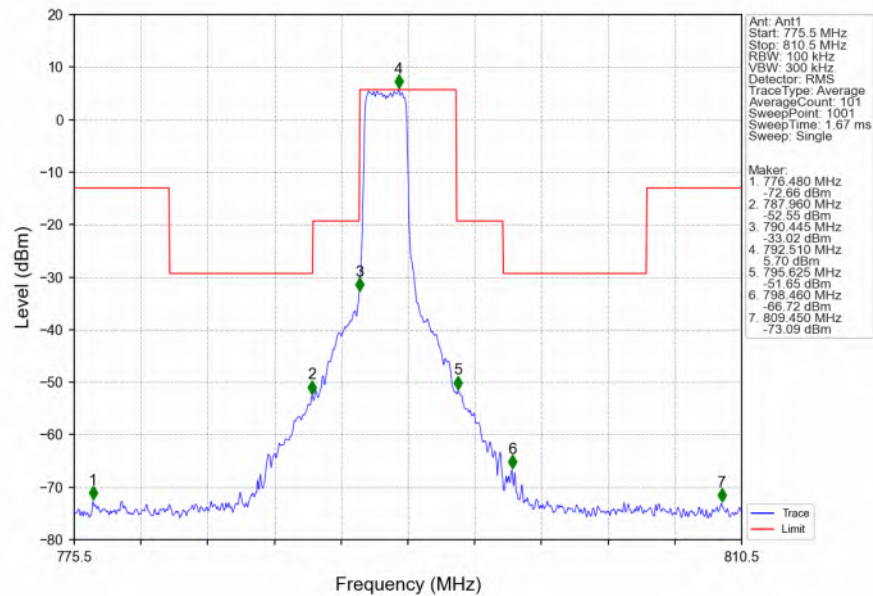
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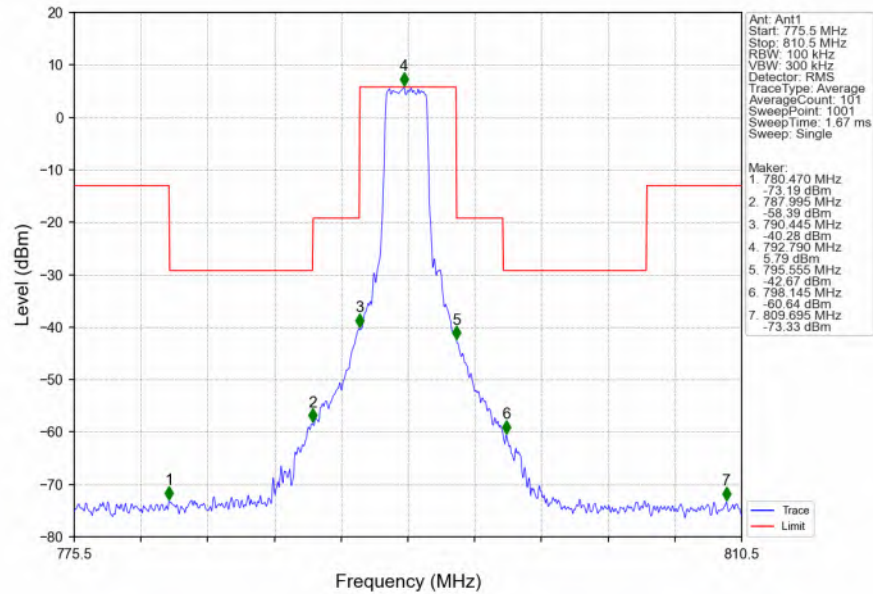
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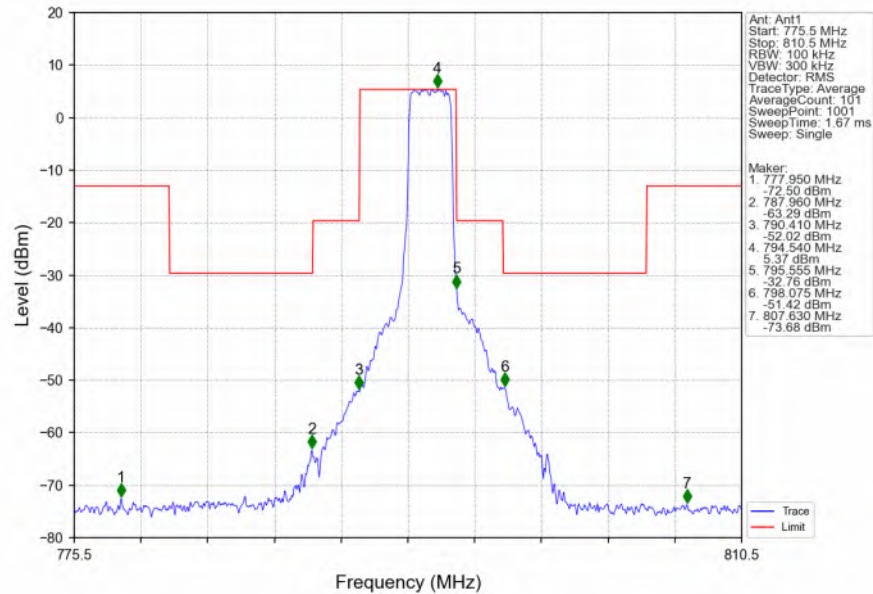
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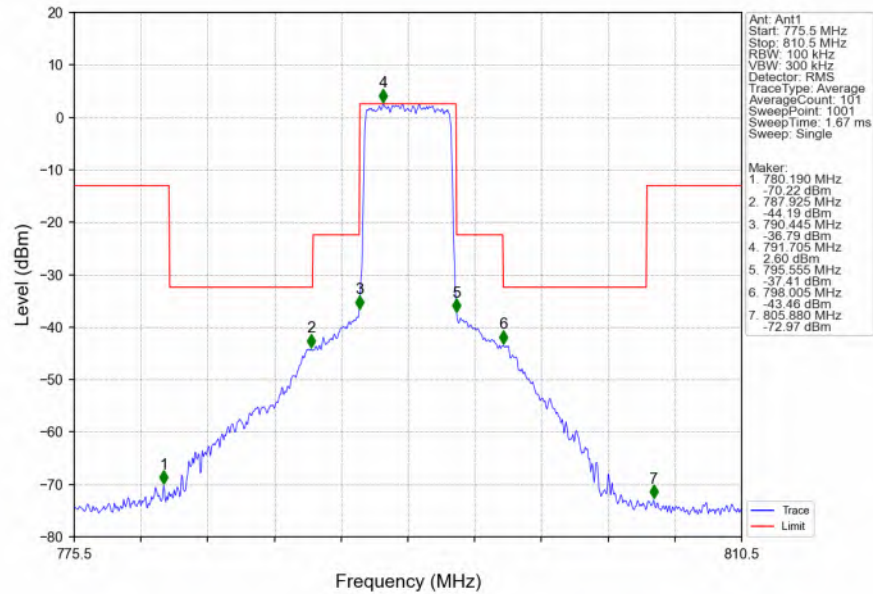
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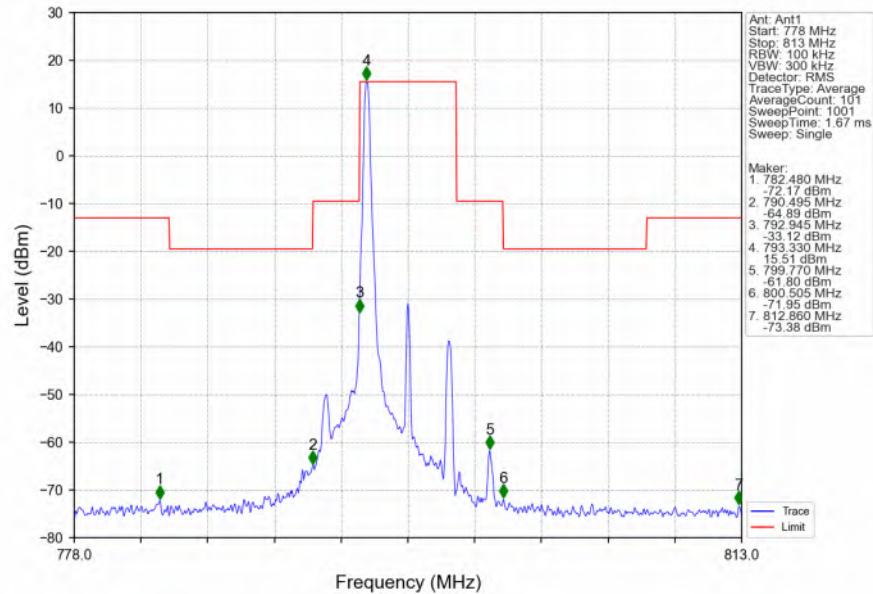
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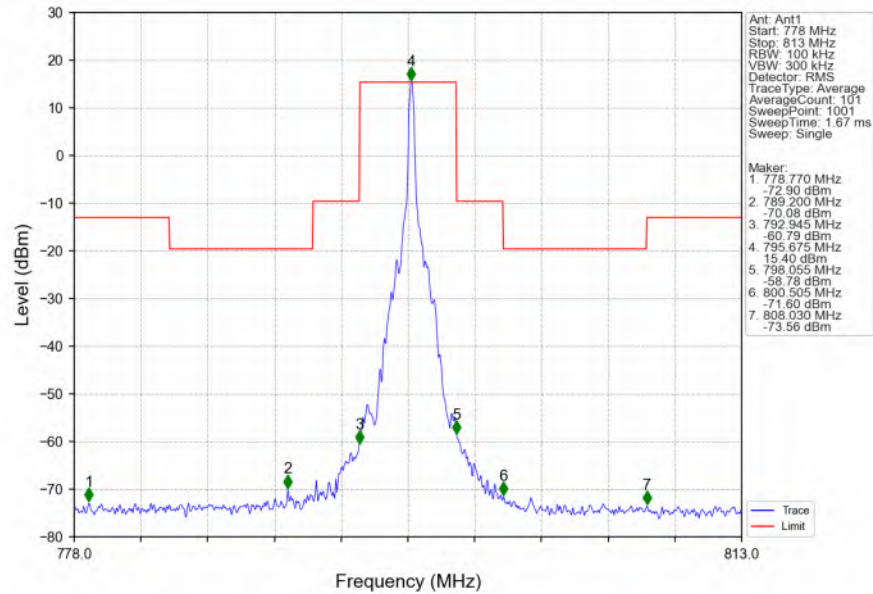
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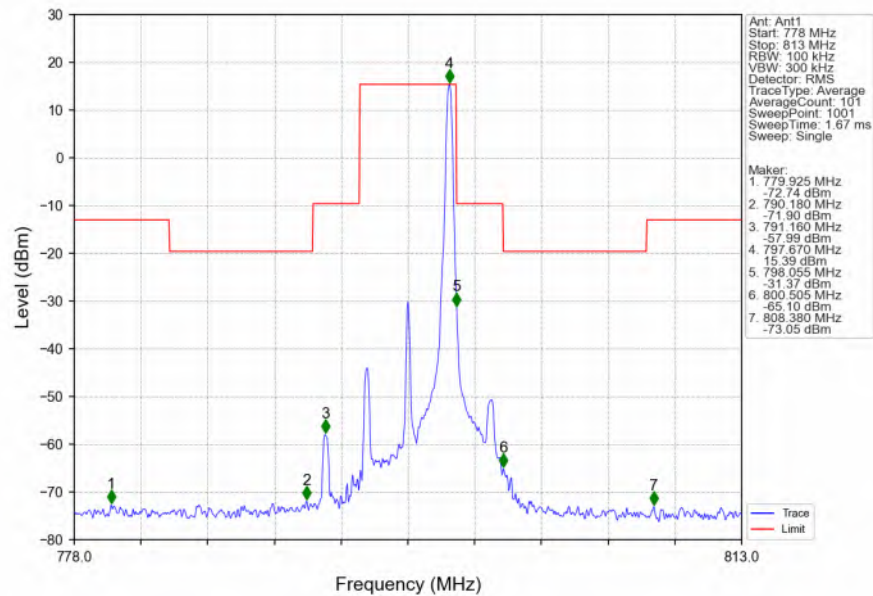
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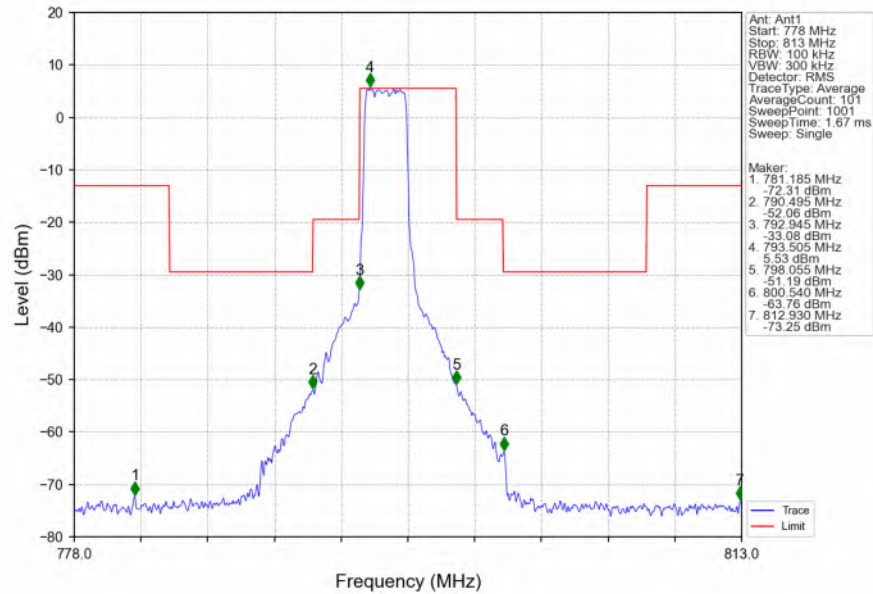
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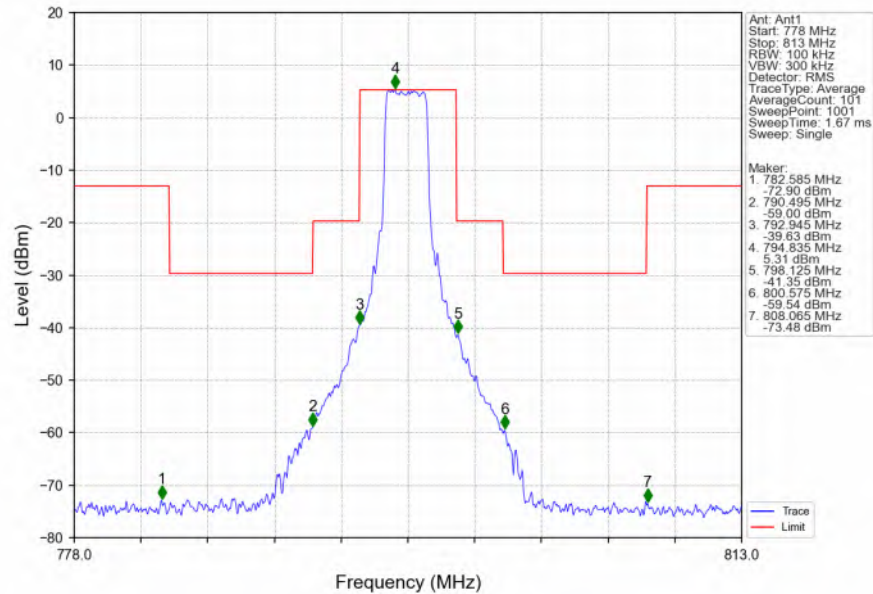
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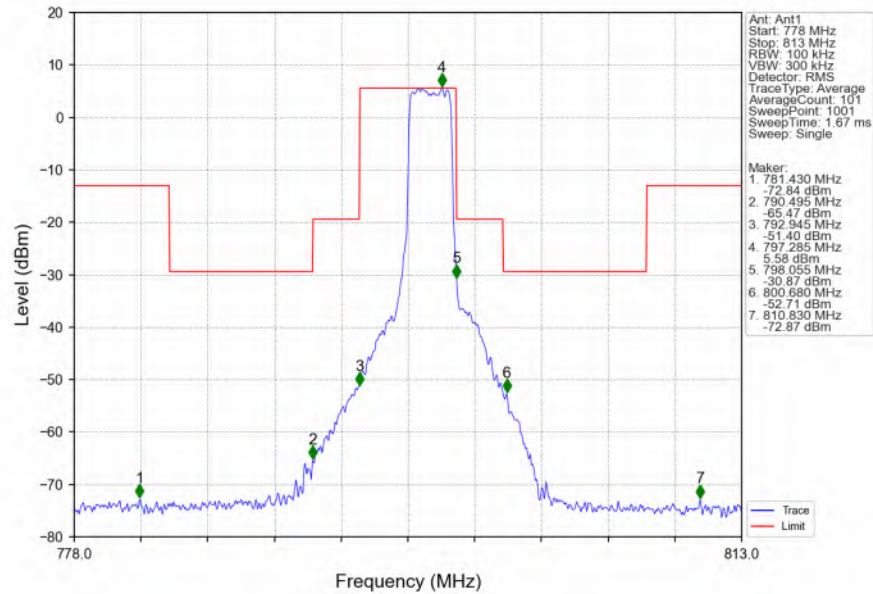
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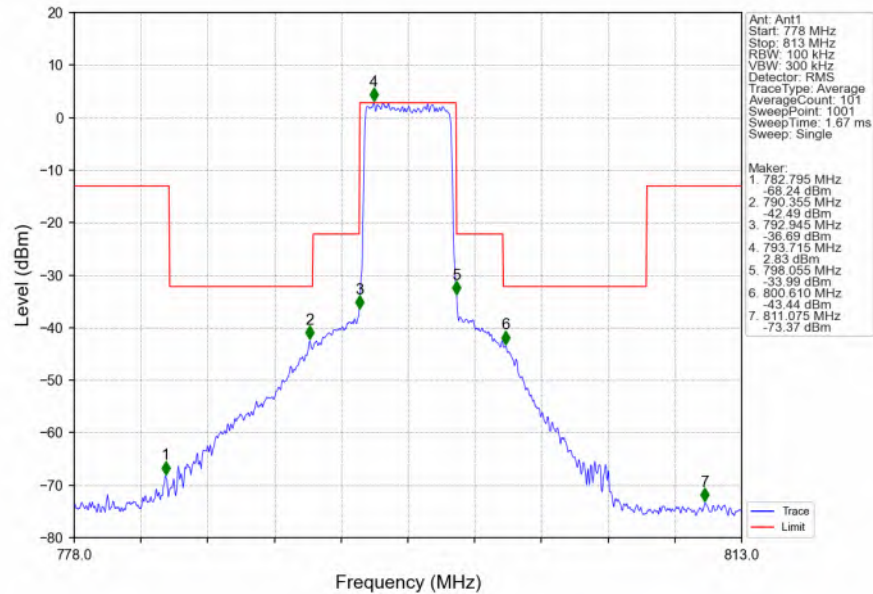
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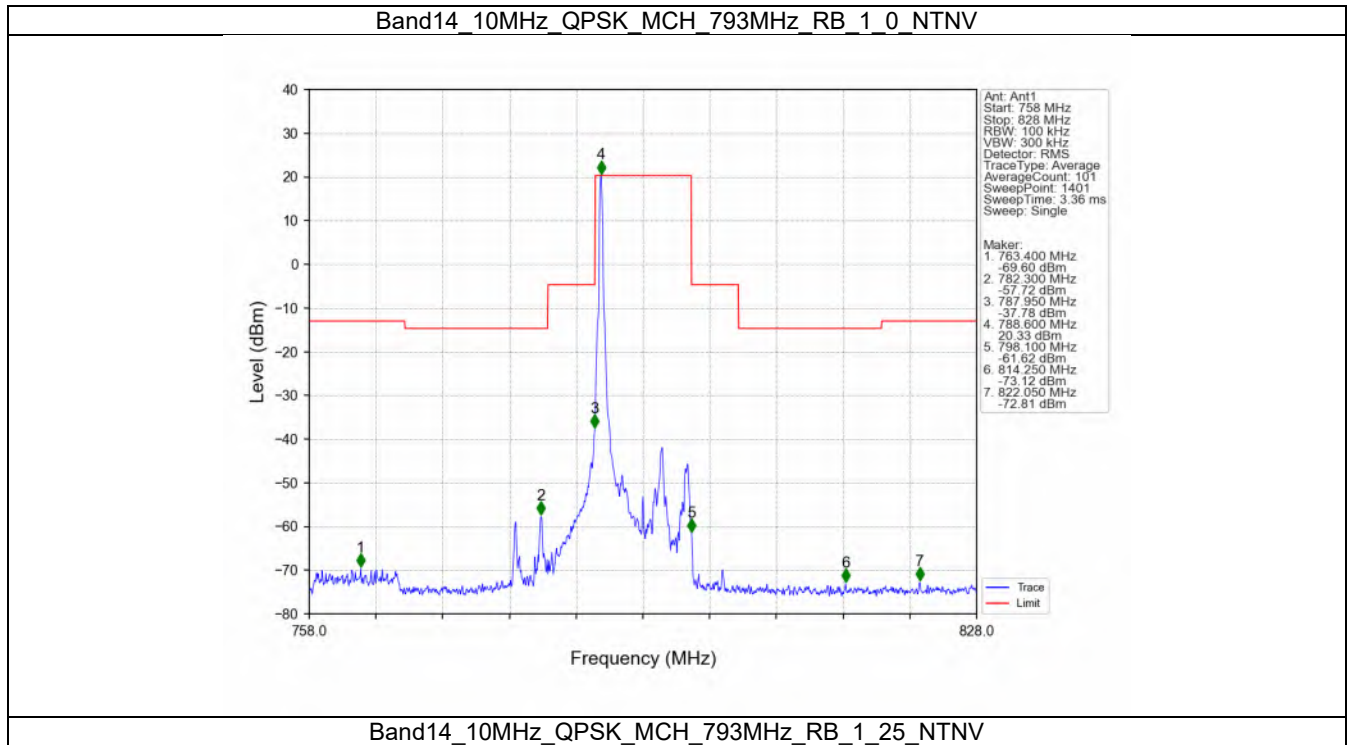
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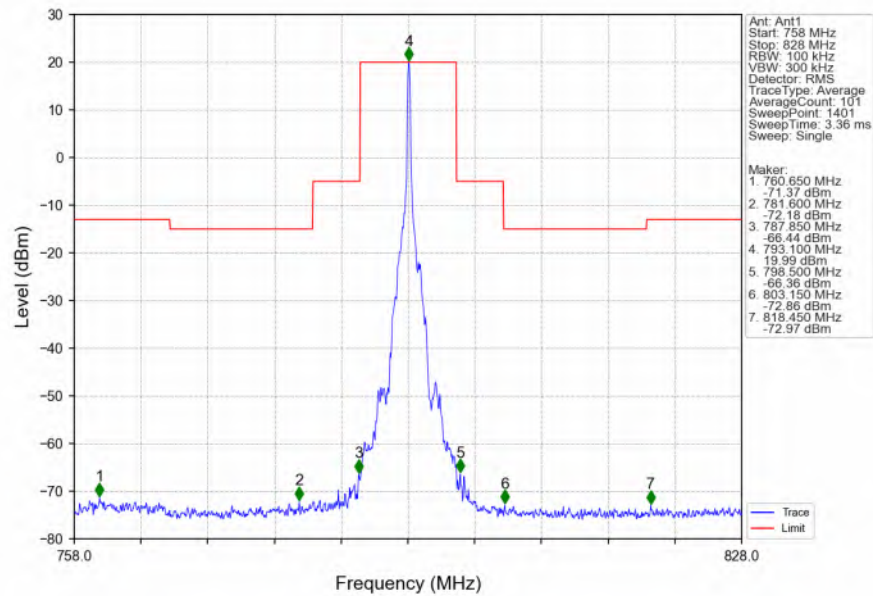


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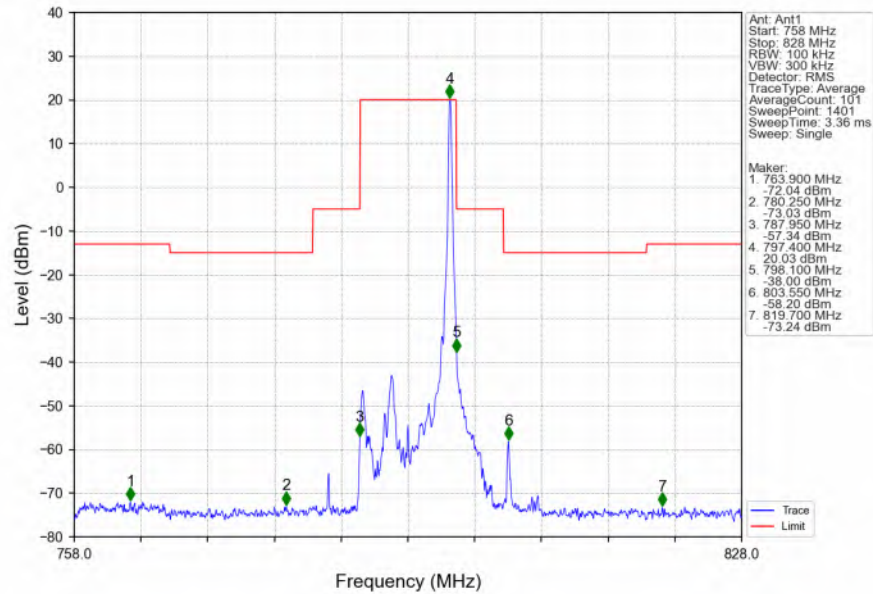


6.2.2 B14_10MHz

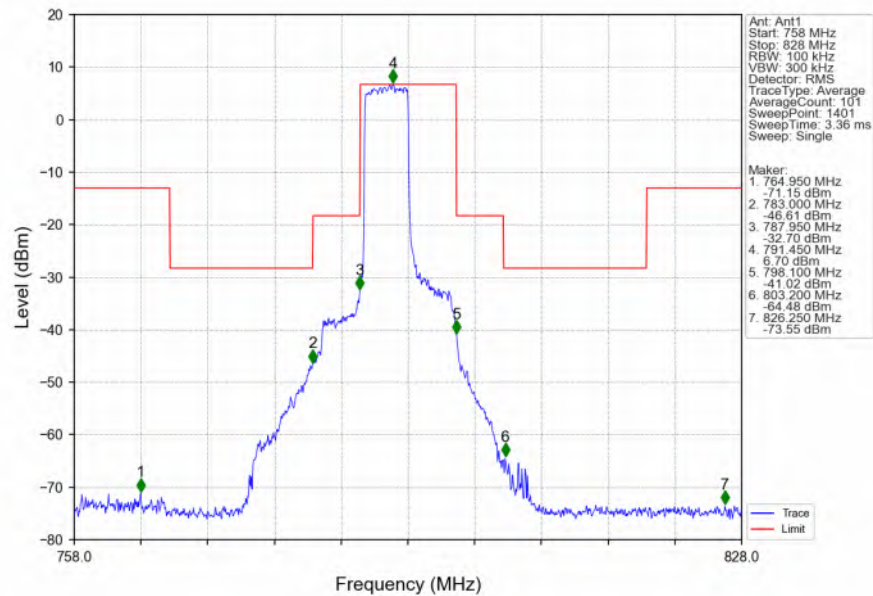




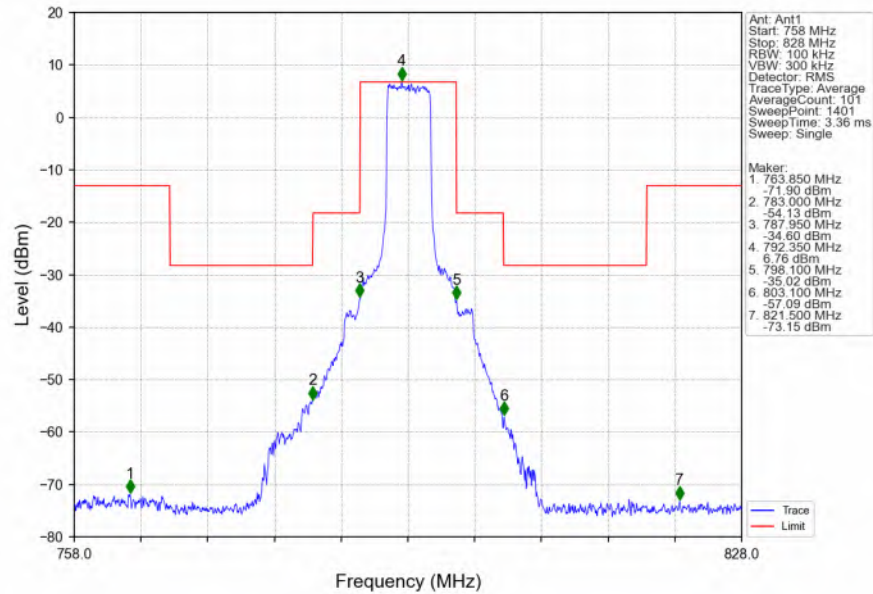
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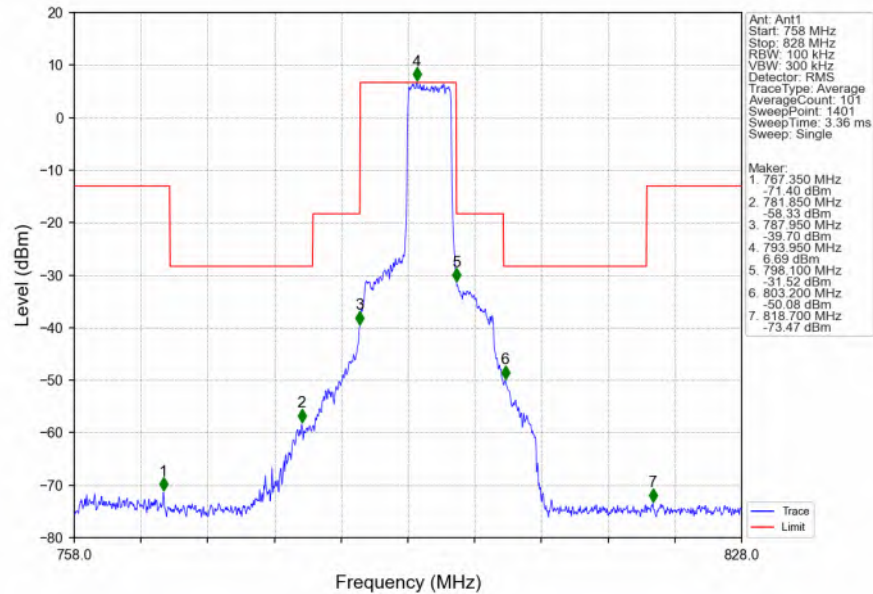
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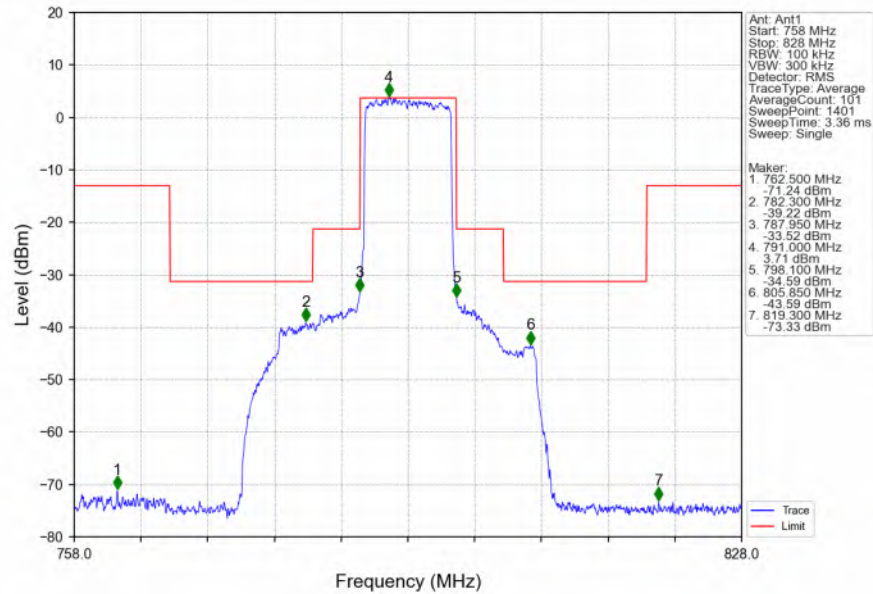
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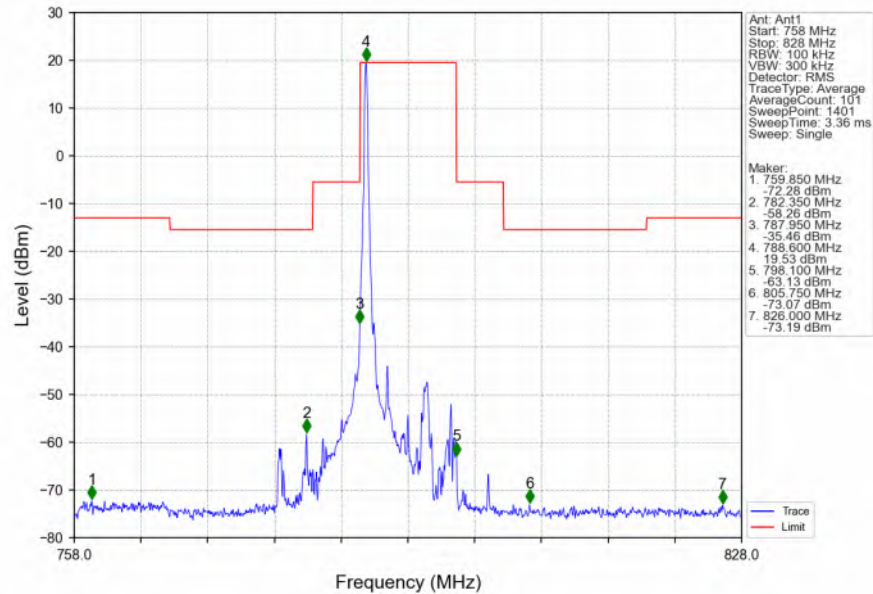
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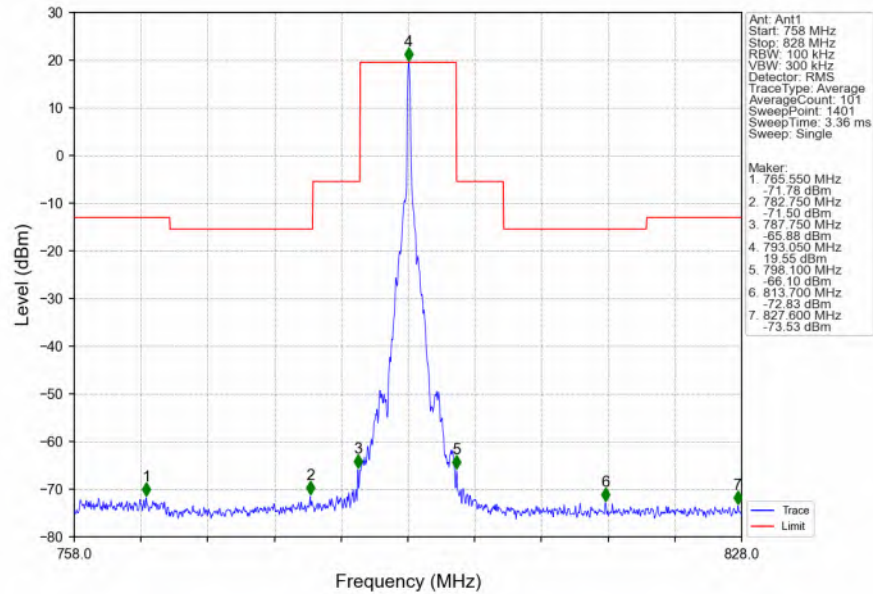
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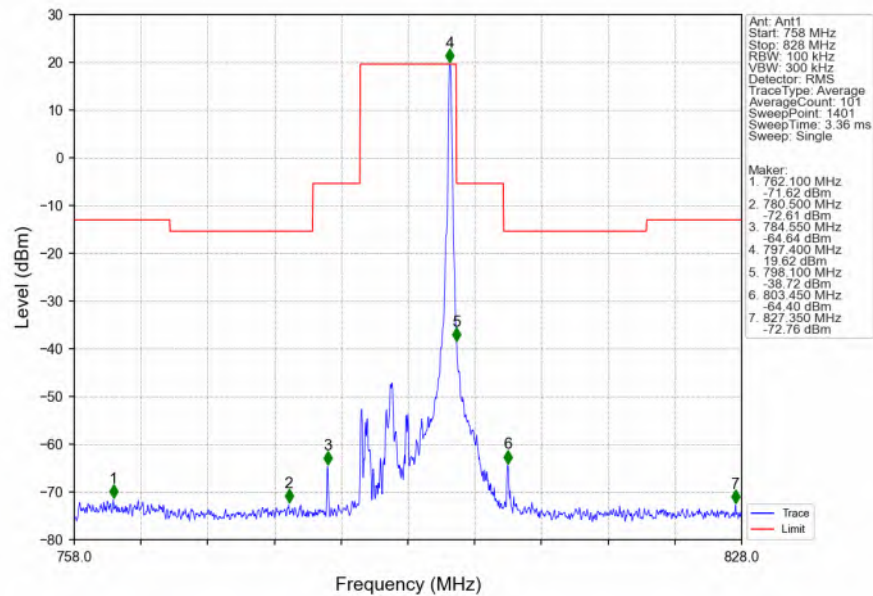
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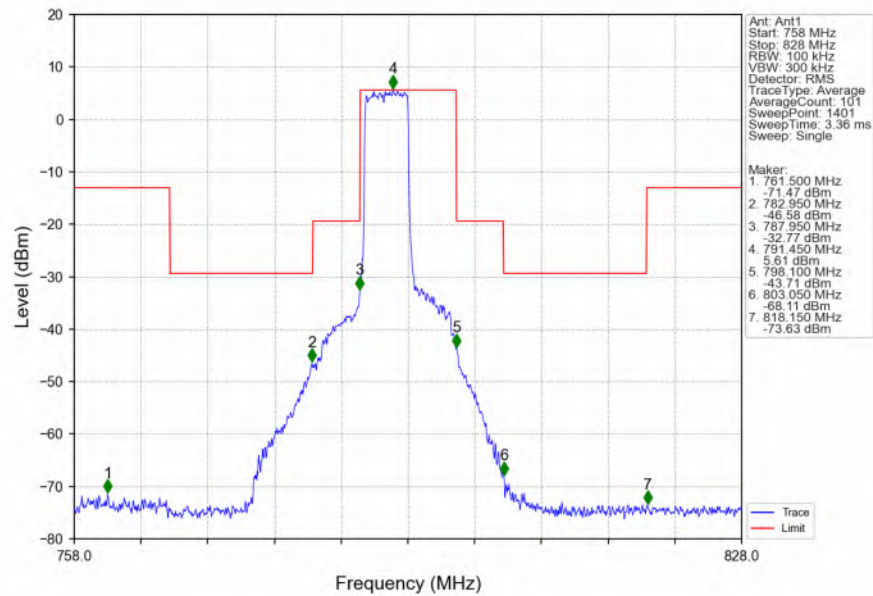
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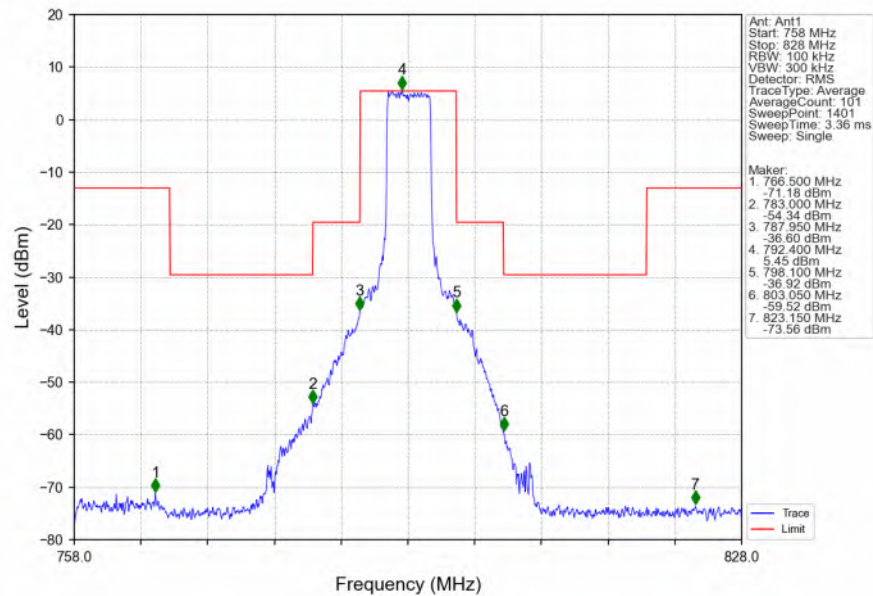
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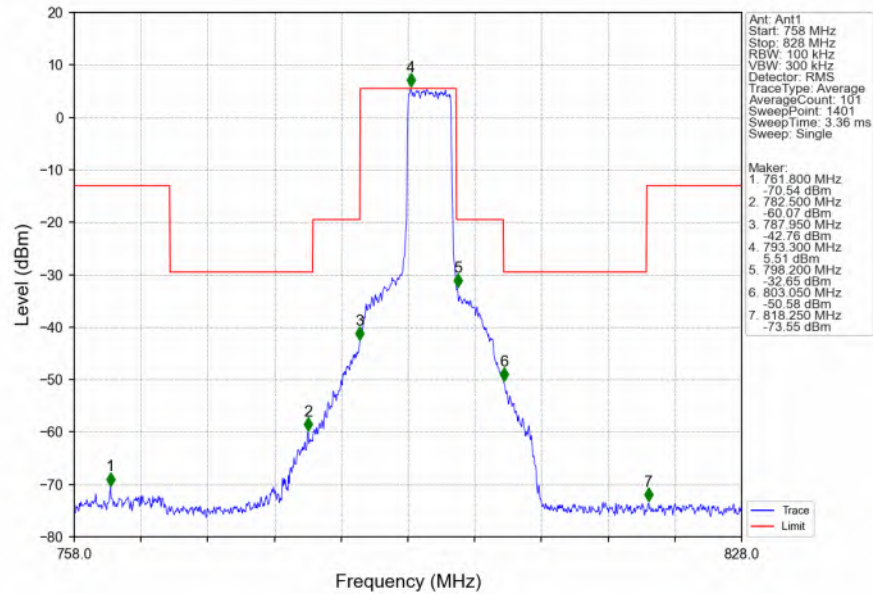
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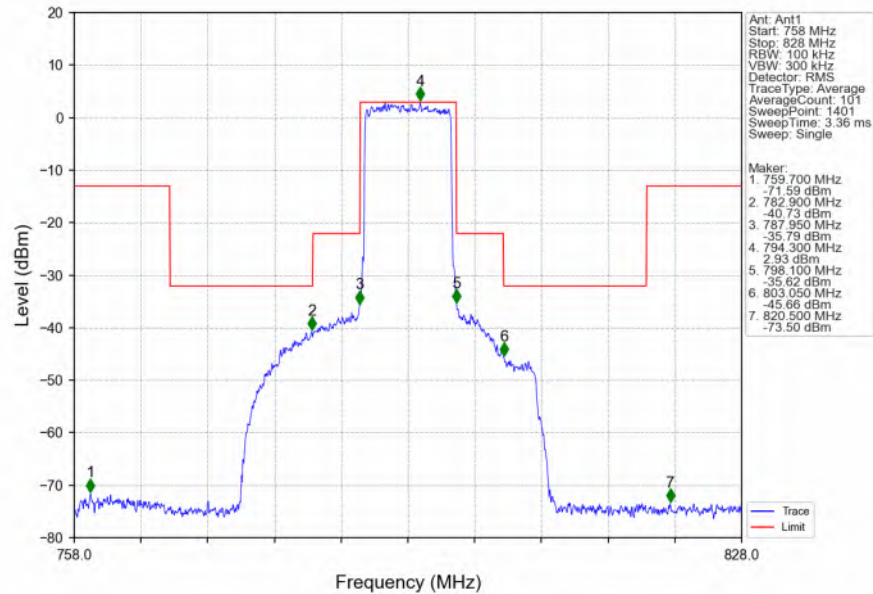
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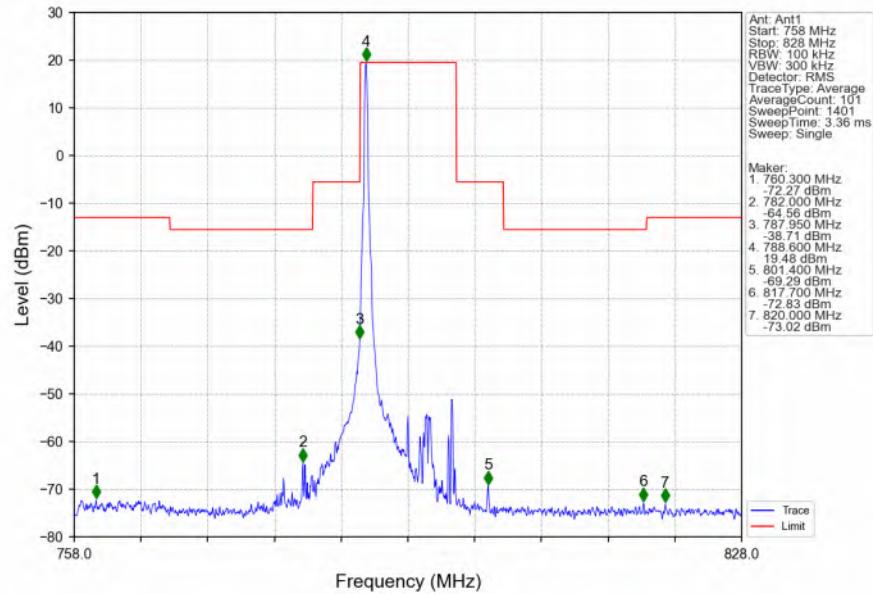
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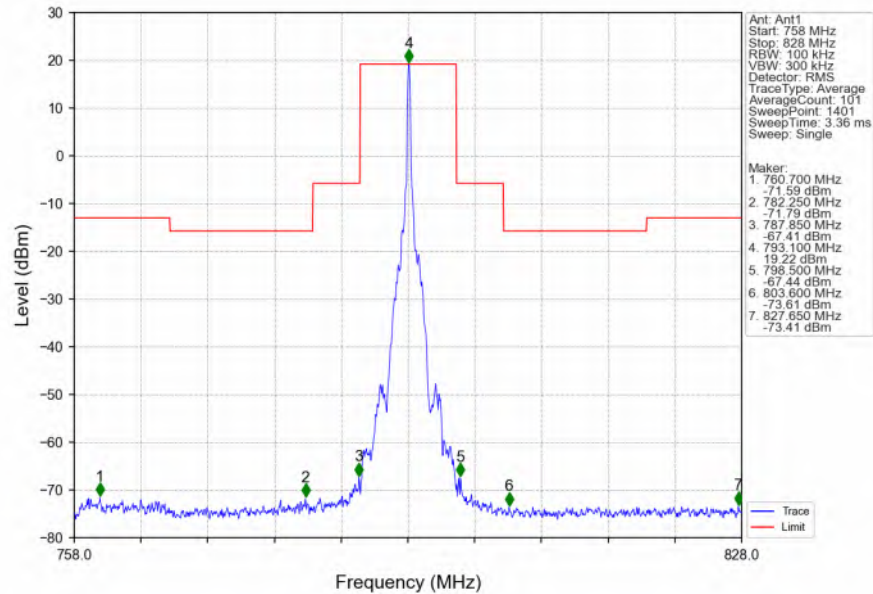
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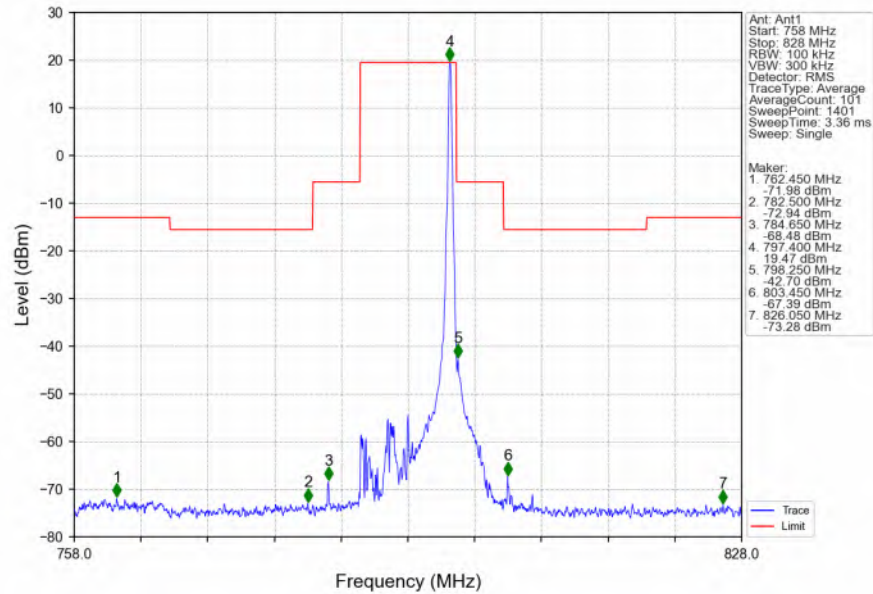
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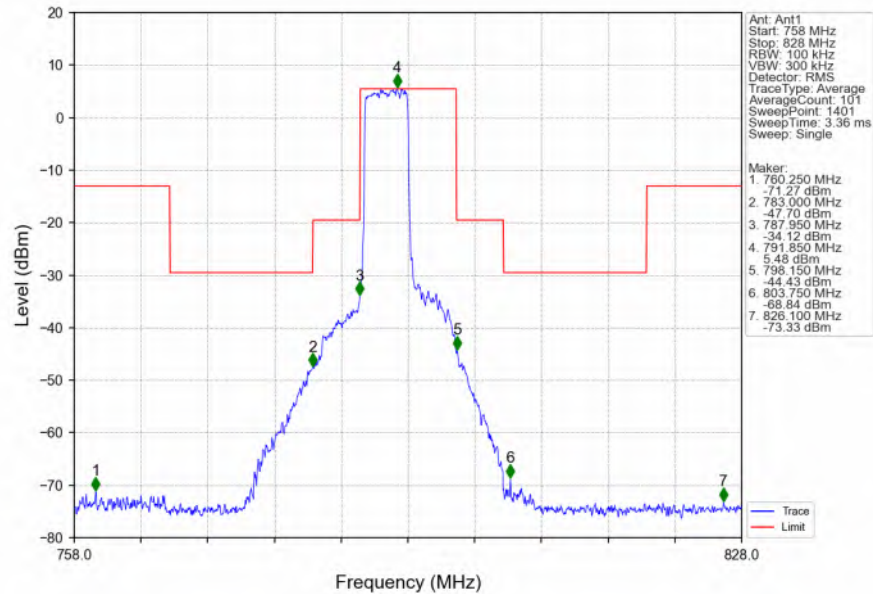
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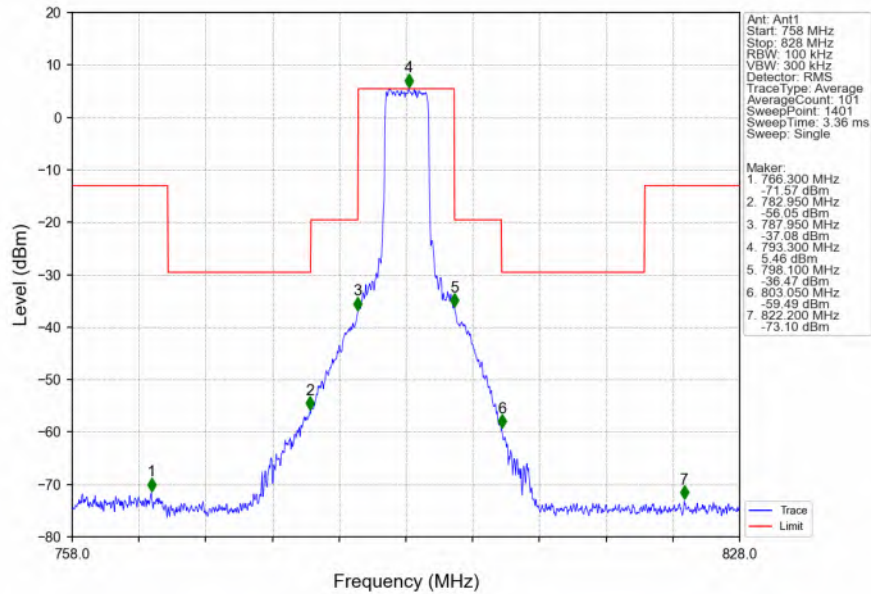
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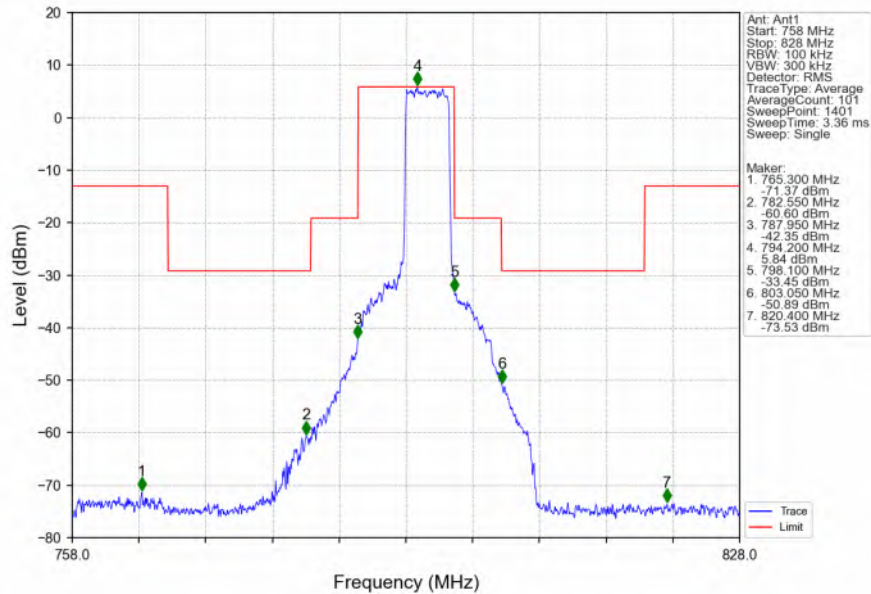
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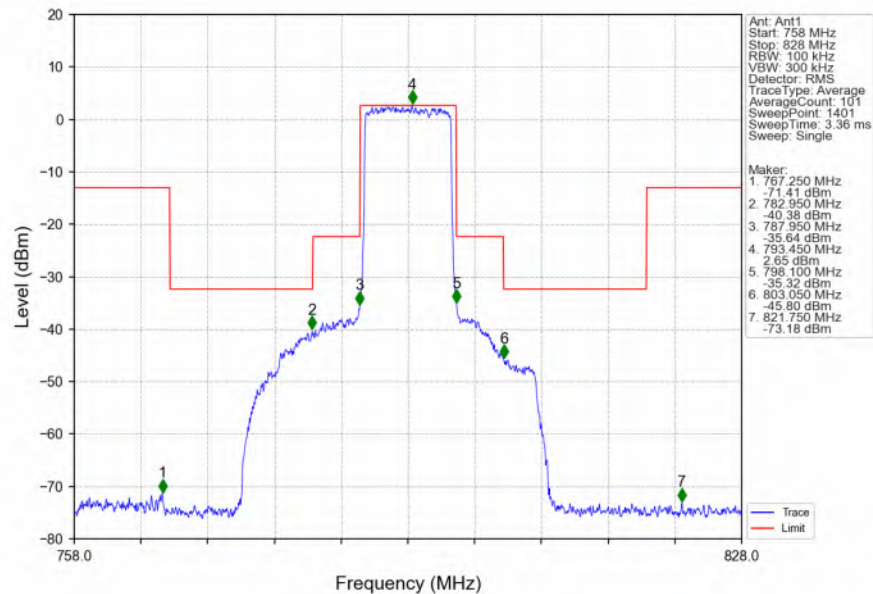
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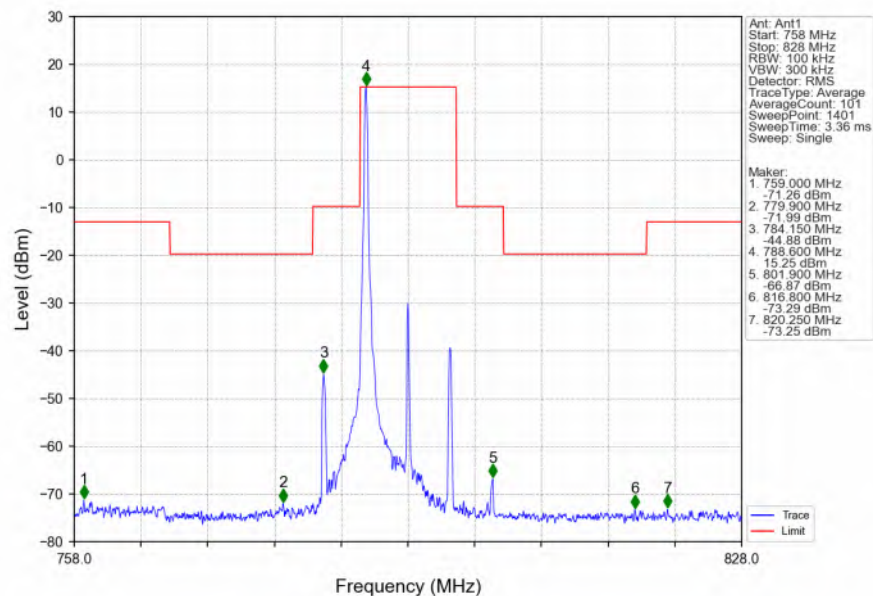
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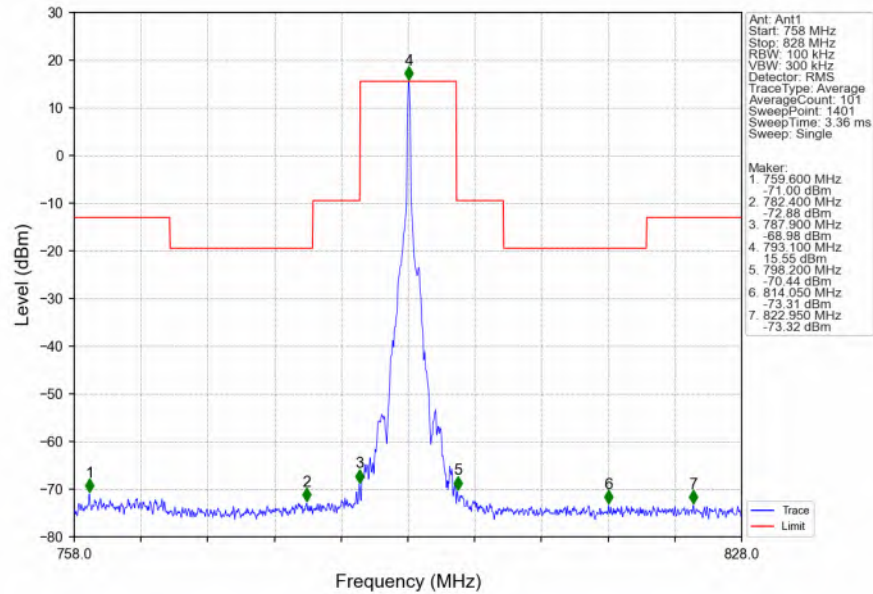
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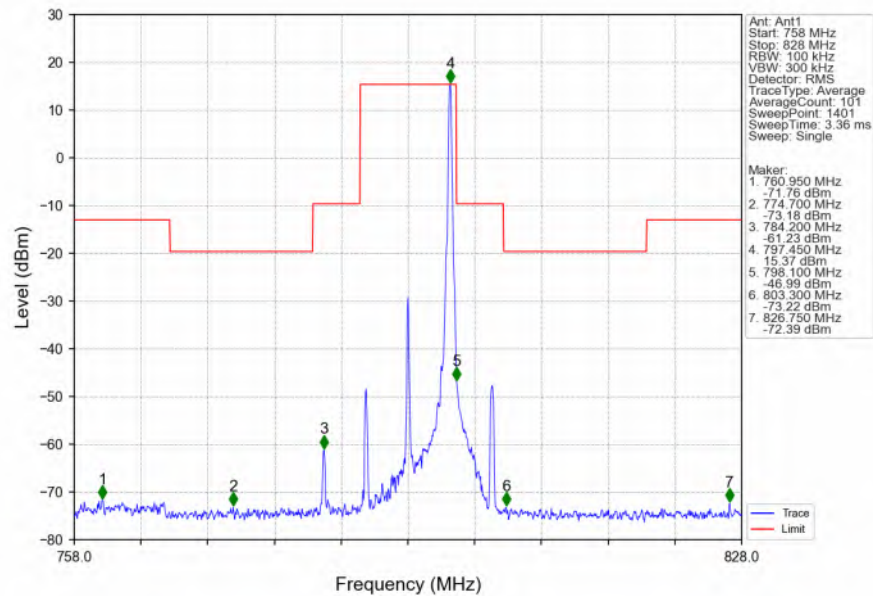
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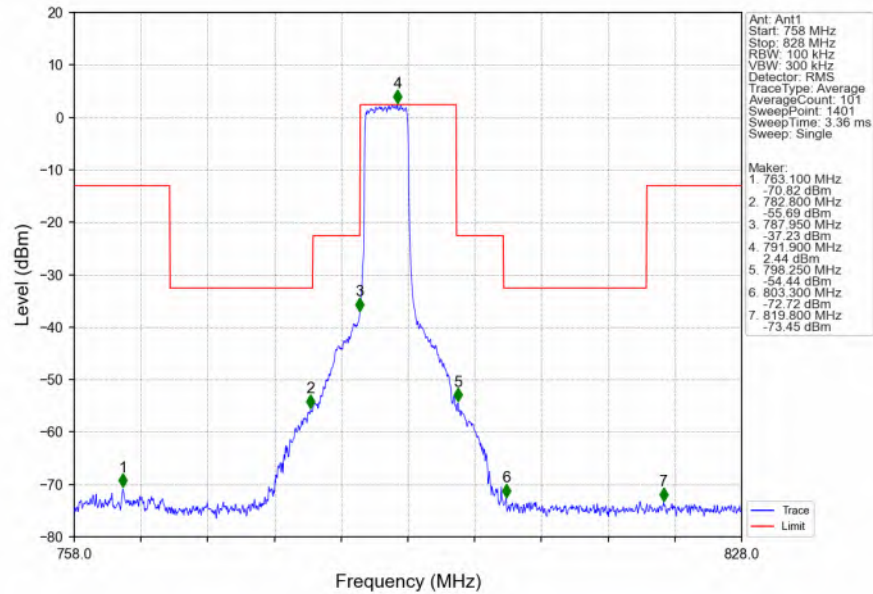
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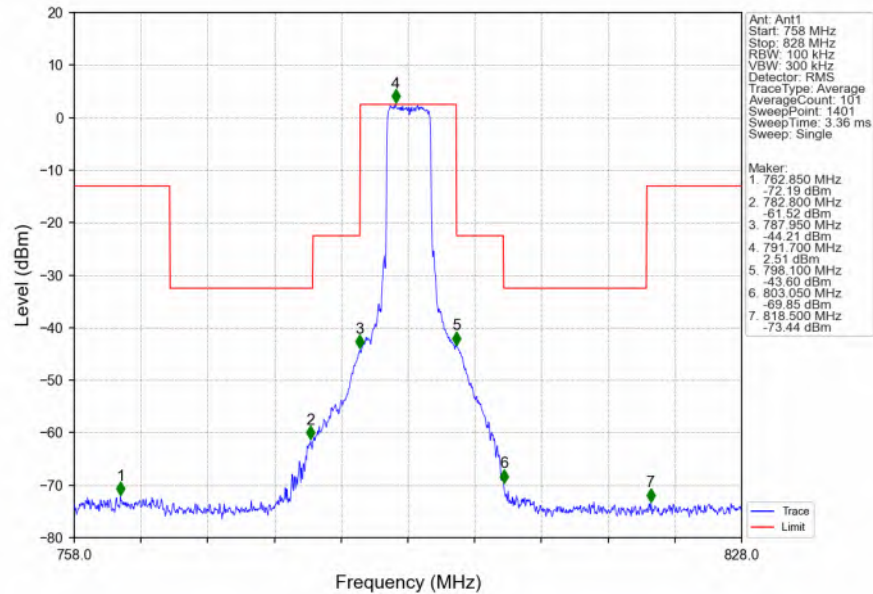
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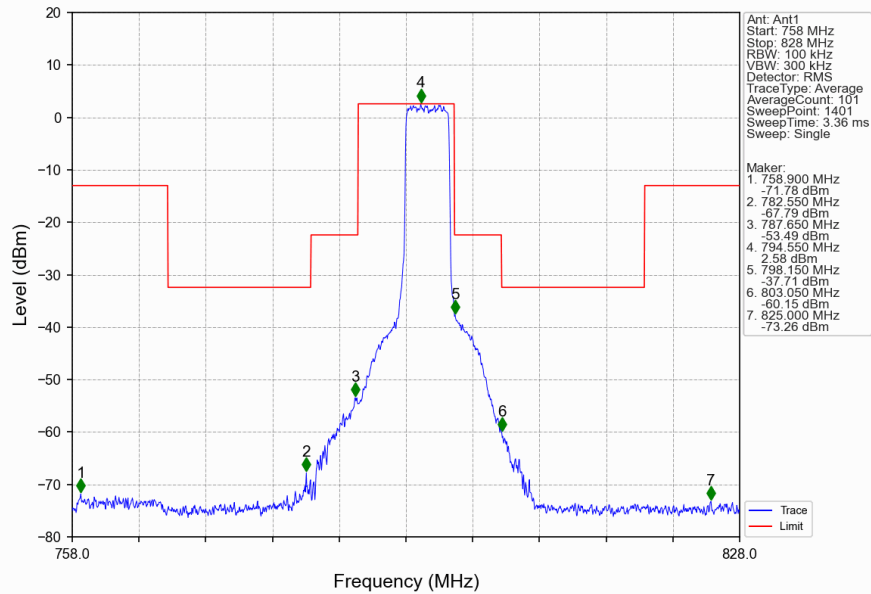
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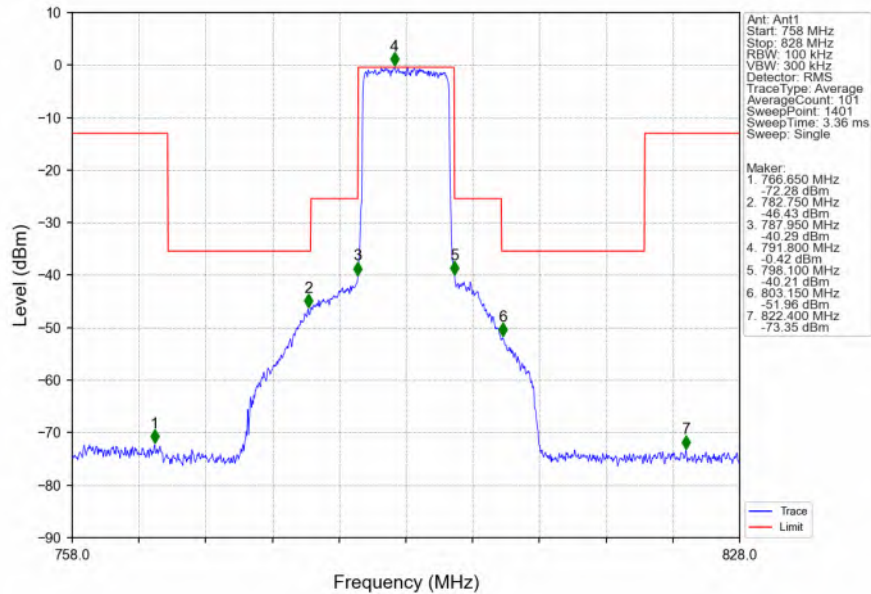
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Band14_10MHz_256QAM_MCH_793MHz_RB_25_25_NTNV



Band14_10MHz_256QAM_MCH_793MHz_RB_50_0_NTNV





7. Frequency Stability (IC)

7.1 Test Result

7.1.1 B14_10MHz

Band: 14 / Bandwidth: 10MHz / NTVN									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	OBW (FL - FH) (MHz)		Limit	Verdict
		Size	Offset			FL	FH		
QPSK	793	50	0	20	3.27	788.460	797.525	788 to 798	Pass
					3.85	788.478	797.509	788 to 798	Pass
					4.43	788.464	797.497	788 to 798	Pass
				-30	3.85	788.470	797.525	788 to 798	Pass
				-20	3.85	788.450	797.536	788 to 798	Pass
				-10	3.85	788.499	797.527	788 to 798	Pass
				0	3.85	788.466	797.524	788 to 798	Pass
				10	3.85	788.471	797.533	788 to 798	Pass
				30	3.85	788.478	797.523	788 to 798	Pass
				40	3.85	788.466	797.529	788 to 798	Pass
				50	3.85	788.457	797.537	788 to 798	Pass

---End of Attachment---