

1. Effective (Isotropic) Radiated Power Output Data (External Antenna)

1.1 Test Result

1.1.1 B14_5MHz_ERP

Band: 14 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	790.5	1	0	23.37	-0.88	20.34	<=34.77	Pass
			13	23.39	-0.88	20.36	<=34.77	Pass
			24	23.56	-0.88	20.53	<=34.77	Pass
		12	0	22.62	-0.88	19.59	<=34.77	Pass
			6	22.68	-0.88	19.65	<=34.77	Pass
			13	22.61	-0.88	19.58	<=34.77	Pass
		25	0	22.63	-0.88	19.60	<=34.77	Pass
	793	1	0	23.41	-0.88	20.38	<=34.77	Pass
			13	23.62	-0.88	20.59	<=34.77	Pass
			24	23.37	-0.88	20.34	<=34.77	Pass
		12	0	22.54	-0.88	19.51	<=34.77	Pass
			6	22.59	-0.88	19.56	<=34.77	Pass
			13	22.52	-0.88	19.49	<=34.77	Pass
		25	0	22.54	-0.88	19.51	<=34.77	Pass
	795.5	1	0	23.43	-0.88	20.40	<=34.77	Pass
			13	23.64	-0.88	20.61	<=34.77	Pass
			24	23.38	-0.88	20.35	<=34.77	Pass
		12	0	22.45	-0.88	19.42	<=34.77	Pass
			6	22.56	-0.88	19.53	<=34.77	Pass
			13	22.36	-0.88	19.33	<=34.77	Pass
		25	0	22.42	-0.88	19.39	<=34.77	Pass
16QAM	790.5	1	0	22.06	-0.88	19.03	<=34.77	Pass
			13	22.20	-0.88	19.17	<=34.77	Pass
			24	21.86	-0.88	18.83	<=34.77	Pass
		12	0	21.44	-0.88	18.41	<=34.77	Pass
			6	21.27	-0.88	18.24	<=34.77	Pass
			13	21.36	-0.88	18.33	<=34.77	Pass
		25	0	21.41	-0.88	18.38	<=34.77	Pass
	793	1	0	21.61	-0.88	18.58	<=34.77	Pass
			13	22.11	-0.88	19.08	<=34.77	Pass
			24	21.64	-0.88	18.61	<=34.77	Pass
		12	0	21.32	-0.88	18.29	<=34.77	Pass
			6	21.39	-0.88	18.36	<=34.77	Pass
			13	21.41	-0.88	18.38	<=34.77	Pass
		25	0	21.67	-0.88	18.64	<=34.77	Pass
	795.5	1	0	22.13	-0.88	19.10	<=34.77	Pass
			13	22.34	-0.88	19.31	<=34.77	Pass
			24	21.50	-0.88	18.47	<=34.77	Pass
		12	0	21.63	-0.88	18.60	<=34.77	Pass
			6	21.67	-0.88	18.64	<=34.77	Pass
			13	21.21	-0.88	18.18	<=34.77	Pass
		25	0	21.26	-0.88	18.23	<=34.77	Pass
64QAM	790.5	1	0	22.13	-0.88	19.10	<=34.77	Pass
			13	22.22	-0.88	19.19	<=34.77	Pass
			24	22.06	-0.88	19.03	<=34.77	Pass
		12	0	21.28	-0.88	18.25	<=34.77	Pass
			6	21.46	-0.88	18.43	<=34.77	Pass
			13	21.39	-0.88	18.36	<=34.77	Pass
		25	0	21.56	-0.88	18.53	<=34.77	Pass

	793	1	0	21.60	-0.88	18.57	<=34.77	Pass
			13	22.26	-0.88	19.23	<=34.77	Pass
			24	21.50	-0.88	18.47	<=34.77	Pass
		12	0	21.22	-0.88	18.19	<=34.77	Pass
			6	21.38	-0.88	18.35	<=34.77	Pass
			13	21.17	-0.88	18.14	<=34.77	Pass
	795.5	25	0	21.39	-0.88	18.36	<=34.77	Pass
			0	22.08	-0.88	19.05	<=34.77	Pass
			13	22.12	-0.88	19.09	<=34.77	Pass
		1	24	21.70	-0.88	18.67	<=34.77	Pass
			0	21.16	-0.88	18.13	<=34.77	Pass
			6	21.33	-0.88	18.30	<=34.77	Pass
		12	13	21.20	-0.88	18.17	<=34.77	Pass
			25	21.42	-0.88	18.39	<=34.77	Pass
			0					

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.2 B14_10MHz_ERP

Band: 14 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	793	1	0	23.62	-0.88	20.59	<=34.77	Pass
			25	23.67	-0.88	20.64	<=34.77	Pass
			49	23.49	-0.88	20.46	<=34.77	Pass
		25	0	22.52	-0.88	19.49	<=34.77	Pass
			13	22.63	-0.88	19.60	<=34.77	Pass
			25	22.48	-0.88	19.45	<=34.77	Pass
		50	0	22.43	-0.88	19.40	<=34.77	Pass
16QAM	793	1	0	22.21	-0.88	19.18	<=34.77	Pass
			25	22.47	-0.88	19.44	<=34.77	Pass
			49	21.96	-0.88	18.93	<=34.77	Pass
		25	0	21.37	-0.88	18.34	<=34.77	Pass
			13	21.45	-0.88	18.42	<=34.77	Pass
			25	21.30	-0.88	18.27	<=34.77	Pass
		50	0	21.47	-0.88	18.44	<=34.77	Pass
64QAM	793	1	0	21.96	-0.88	18.93	<=34.77	Pass
			25	22.41	-0.88	19.38	<=34.77	Pass
			49	21.71	-0.88	18.68	<=34.77	Pass
		25	0	21.55	-0.88	18.52	<=34.77	Pass
			13	21.59	-0.88	18.56	<=34.77	Pass
			25	21.47	-0.88	18.44	<=34.77	Pass
		50	0	21.53	-0.88	18.50	<=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	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	793	50	0	20	LV	1.200	0.0015	-2.5 to 2.5	Pass
					NV	0.600	0.0008	-2.5 to 2.5	Pass
					HV	-0.100	-0.0001	-2.5 to 2.5	Pass
				-30	NV	-0.500	-0.0006	-2.5 to 2.5	Pass
				-20	NV	-0.100	-0.0001	-2.5 to 2.5	Pass
				-10	NV	-0.700	-0.0009	-2.5 to 2.5	Pass
				0	NV	0.900	0.0011	-2.5 to 2.5	Pass
				10	NV	0.400	0.0005	-2.5 to 2.5	Pass
				30	NV	0.000	0.0000	-2.5 to 2.5	Pass
				40	NV	1.400	0.0018	-2.5 to 2.5	Pass
				50	NV	0.900	0.0011	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band14_OBW

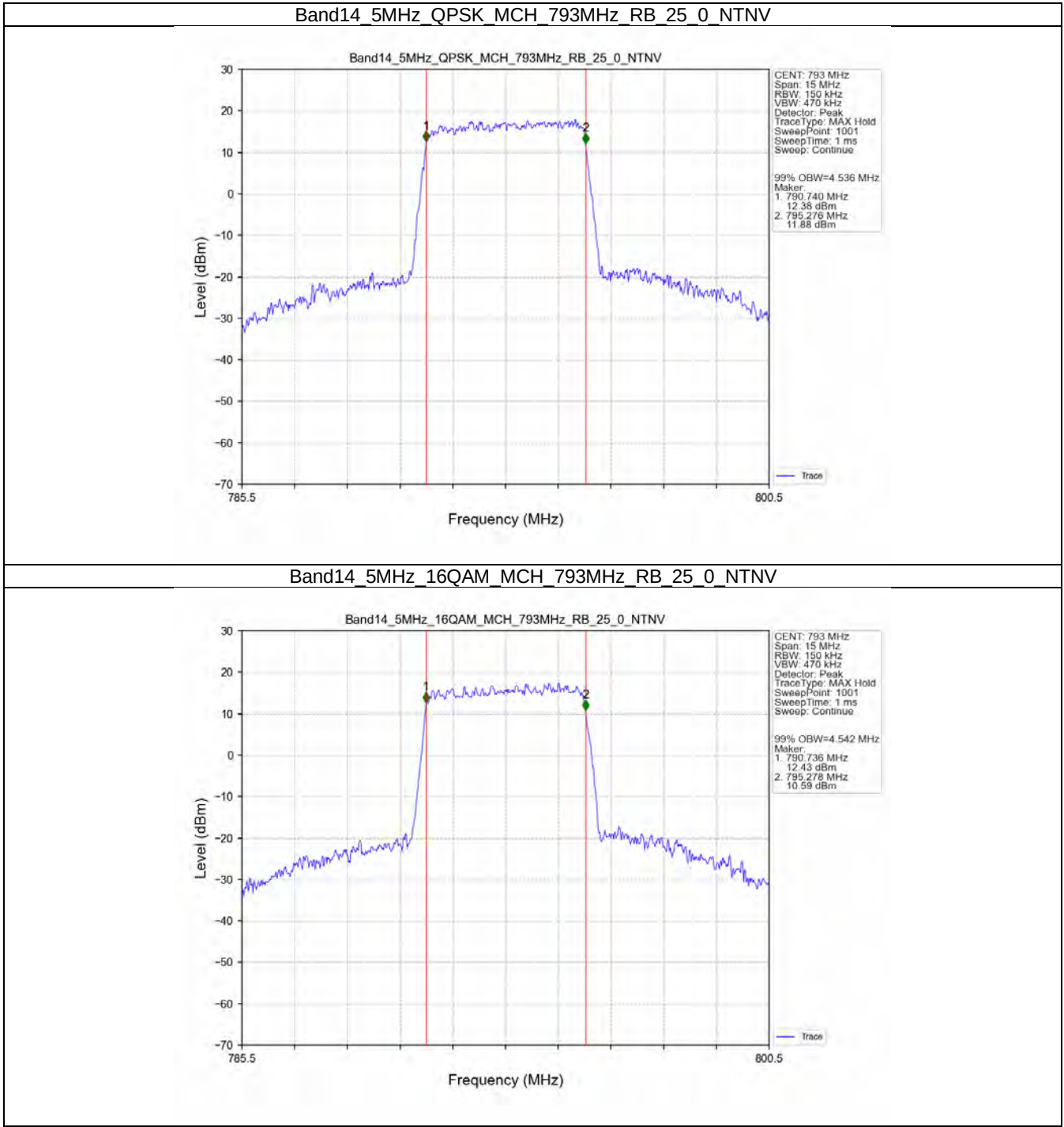
Band: 14 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	793	25	0	4.536	/	Pass
	16QAM	793	25	0	4.542	/	Pass
10	QPSK	793	50	0	9.079	/	Pass
	16QAM	793	50	0	9.042	/	Pass

3.1.2 Band14_XDB

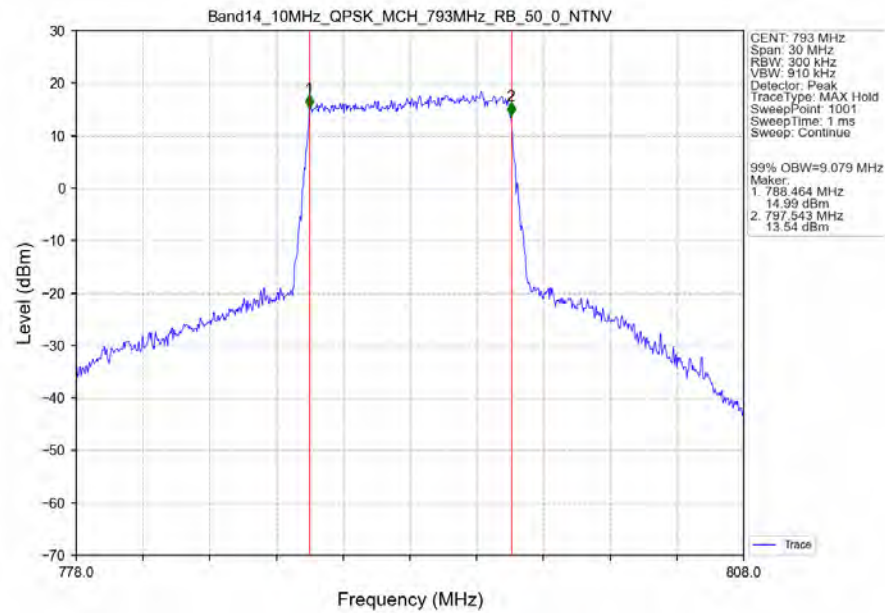
Band: 14 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	793	25	0	5.100	/	Pass
	16QAM	793	25	0	5.062	/	Pass
10	QPSK	793	50	0	10.043	/	Pass
	16QAM	793	50	0	10.007	/	Pass

3.2 Test Graph

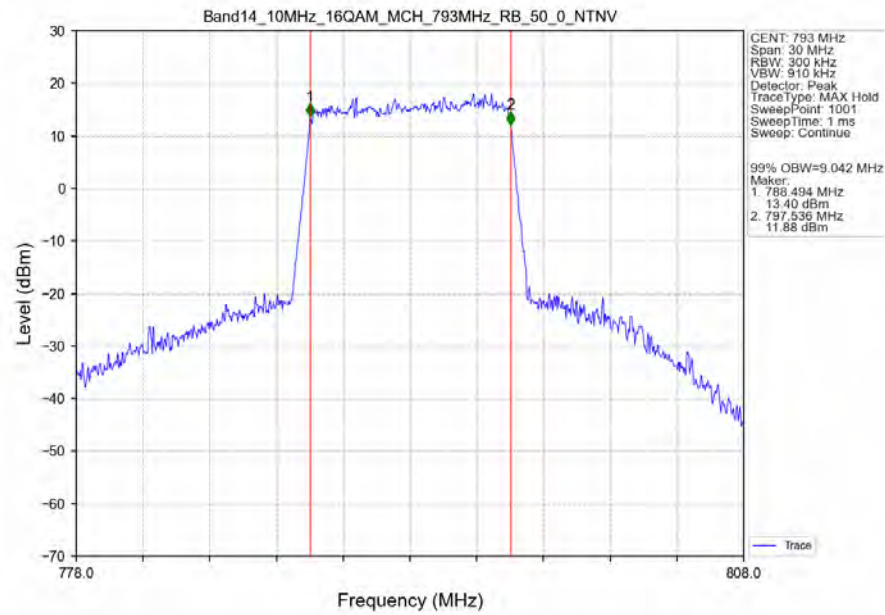
3.2.1 Band14_OBW



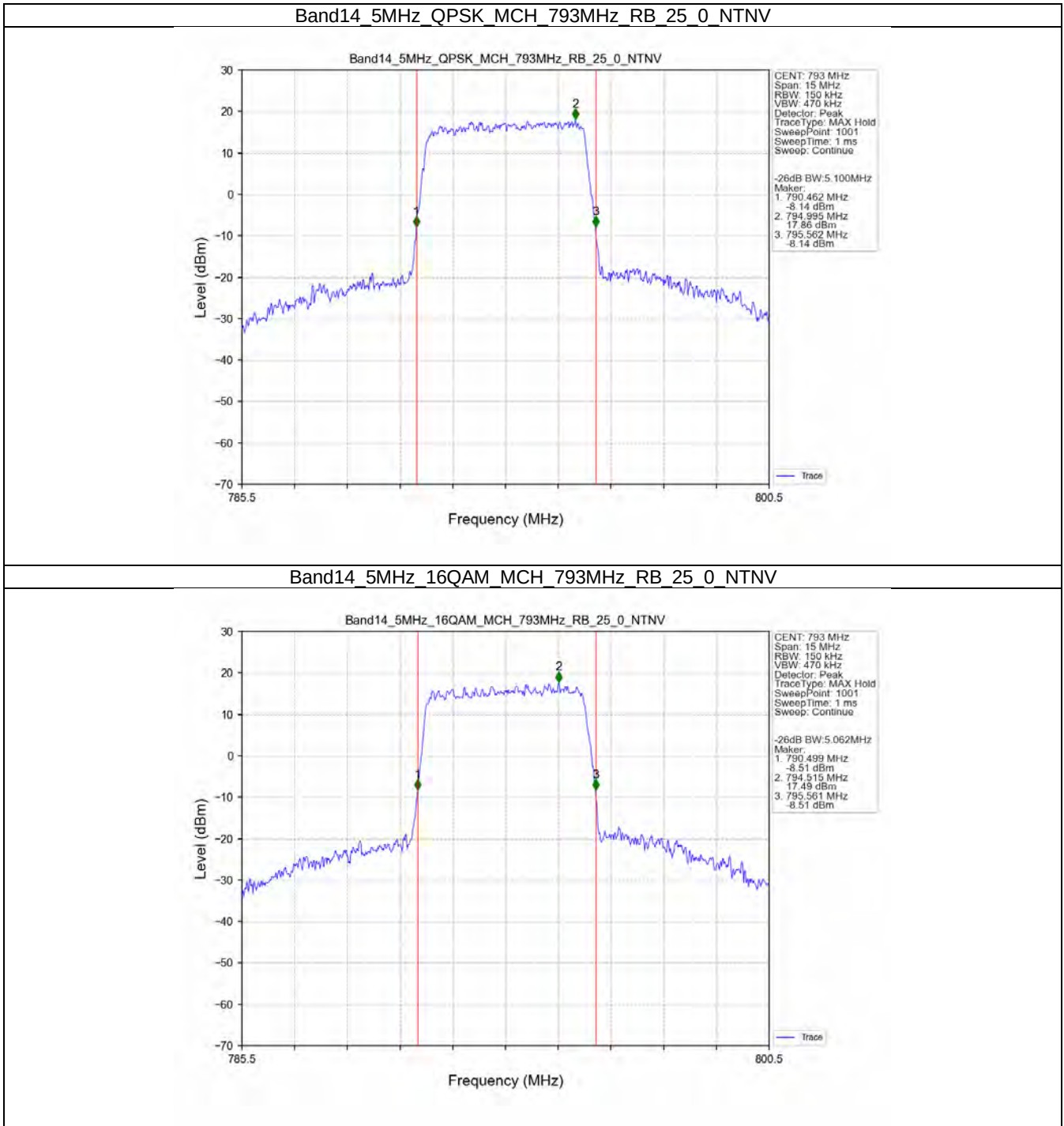
Band14 10MHz QPSK MCH 793MHz RB 50 0 NTNV



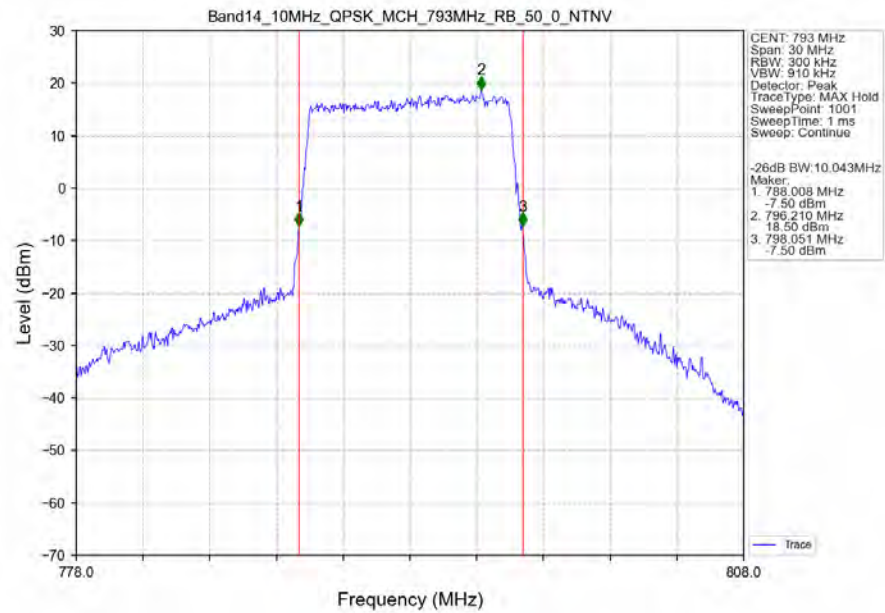
Band14 10MHz 16QAM MCH 793MHz RB 50 0 NTNV



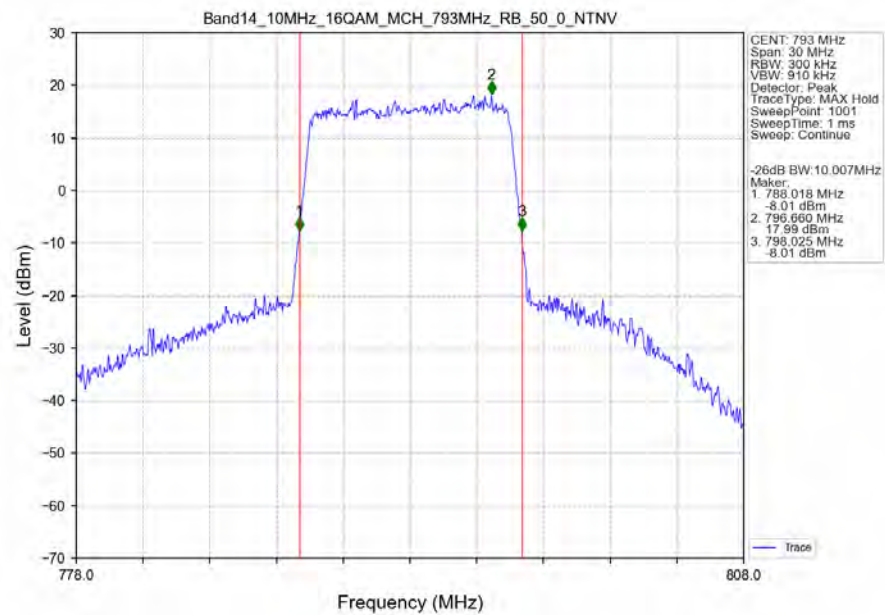
3.2.2 Band14_XDB



Band14 10MHz QPSK MCH 793MHz RB 50 0 NTV



Band14 10MHz 16QAM MCH 793MHz RB 50 0 NTV



4. Peak-Average Ratio

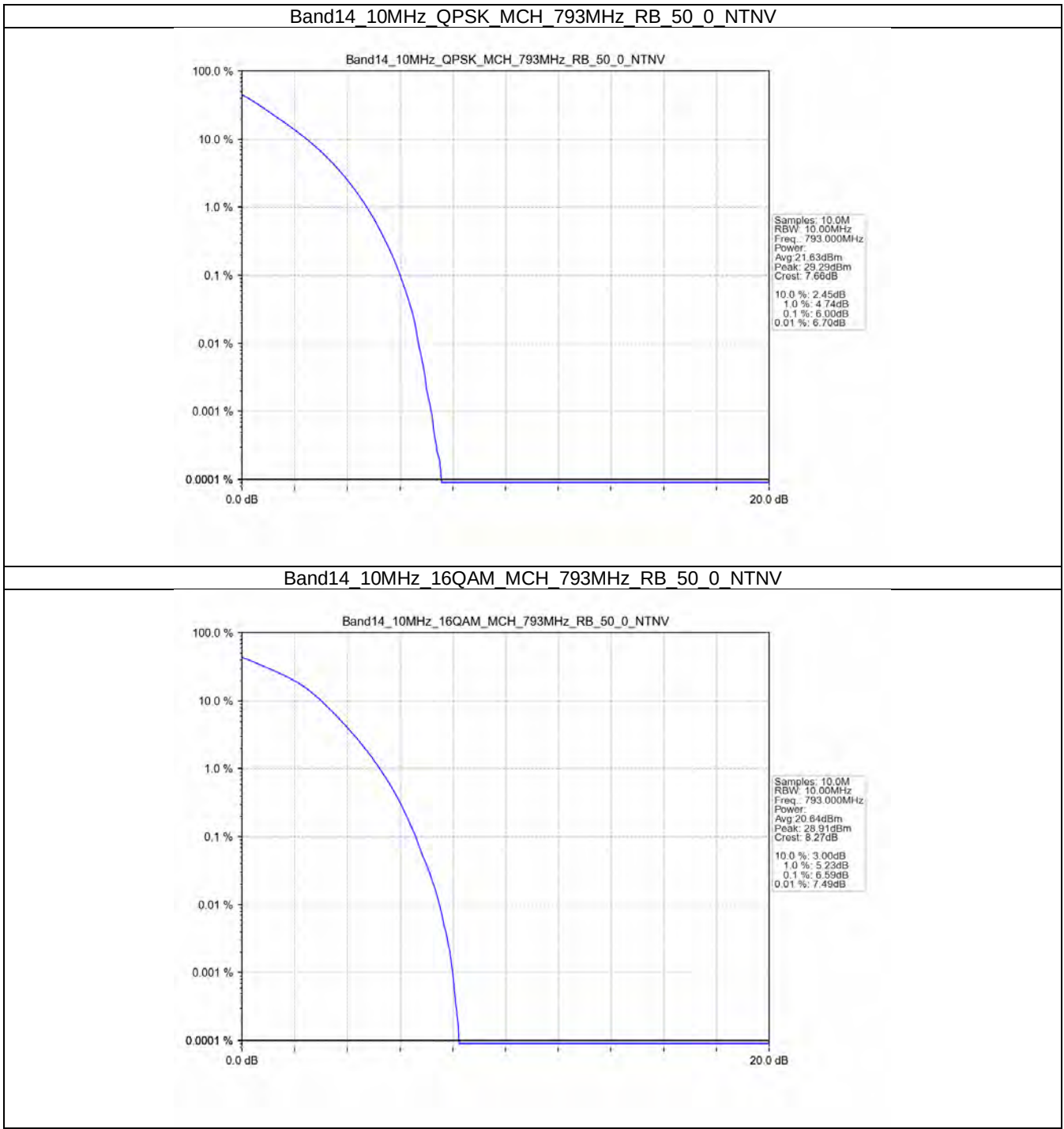
4.1 Test Result

4.1.1 B14_10MHz

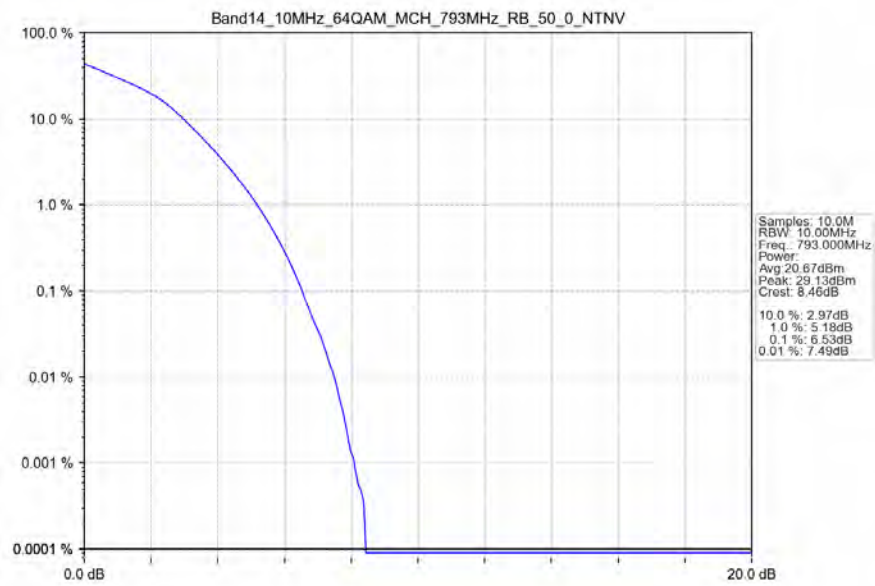
Band: 14 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	793	50	0	6.00	<=13	Pass
16QAM	793	50	0	6.59	<=13	Pass
64QAM	793	50	0	6.53	<=13	Pass

4.2 Test Graph

4.2.1 B14_10MHz



Band14 10MHz 64QAM MCH 793MHz RB 50 0 NTV



5. Spurious Emission

5.1 Test Result

5.1.1 B14_5MHz

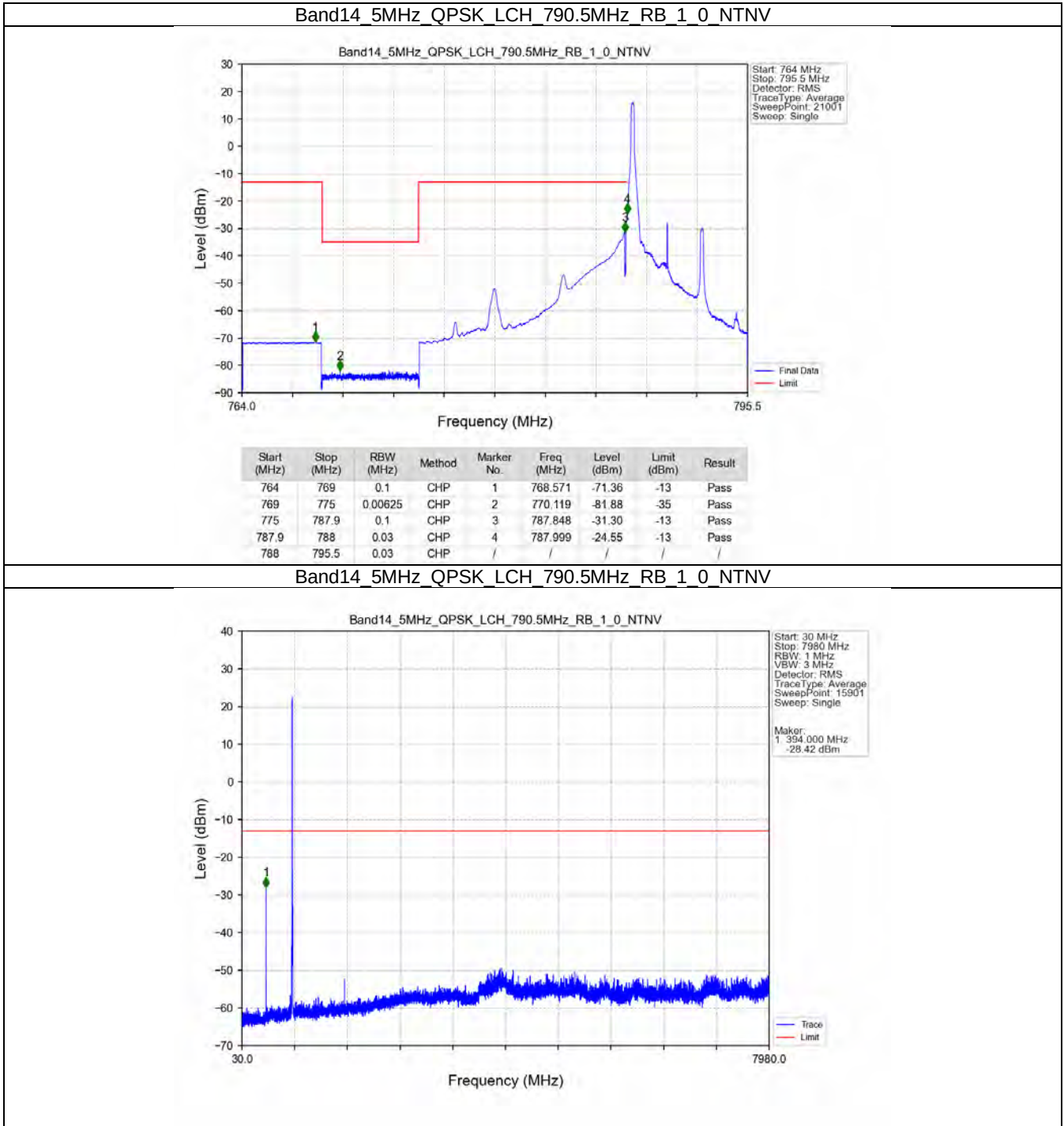
Band: 14 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	790.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	793	1	0	Refer To Test Graph		Pass
	795.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test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

5.1.2 B14_10MHz

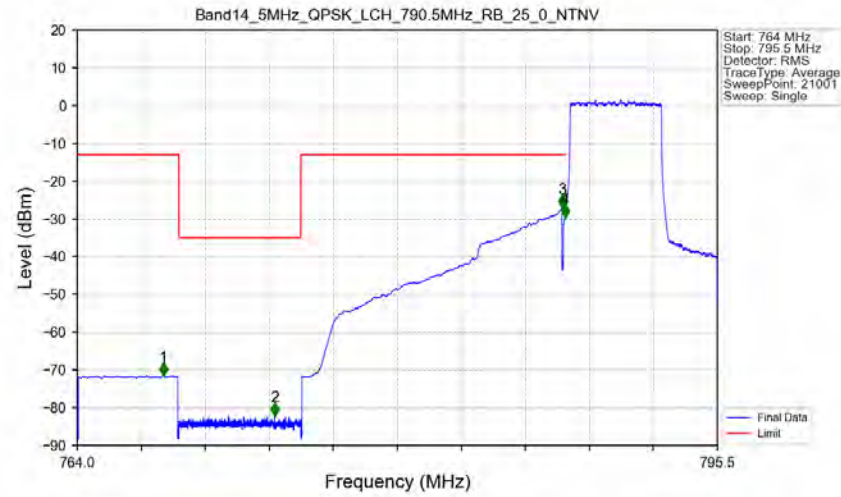
Band: 14 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	793	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	793	1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.2 Test Graph

5.2.1 B14_5MHz

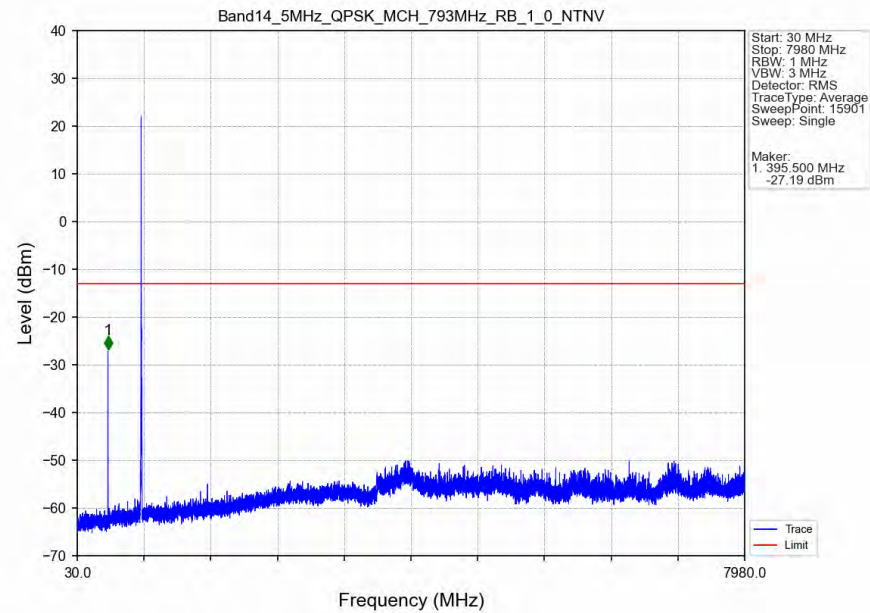


Band14 5MHz QPSK LCH 790.5MHz RB 25 0 NTV

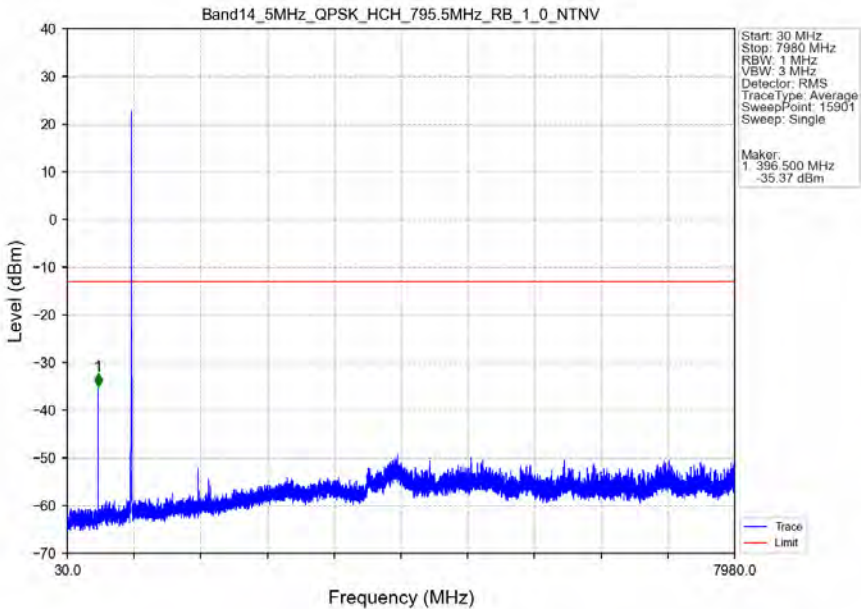


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	769	0.1	CHP	1	768.233	-71.48	-13	Pass
769	775	0.00625	CHP	2	773.707	-82.05	-35	Pass
775	787.9	0.1	CHP	3	787.848	-27.09	-13	Pass
787.9	788	0.03	CHP	4	787.999	-29.67	-13	Pass
788	795.5	0.03	CHP	/	/	/	/	/

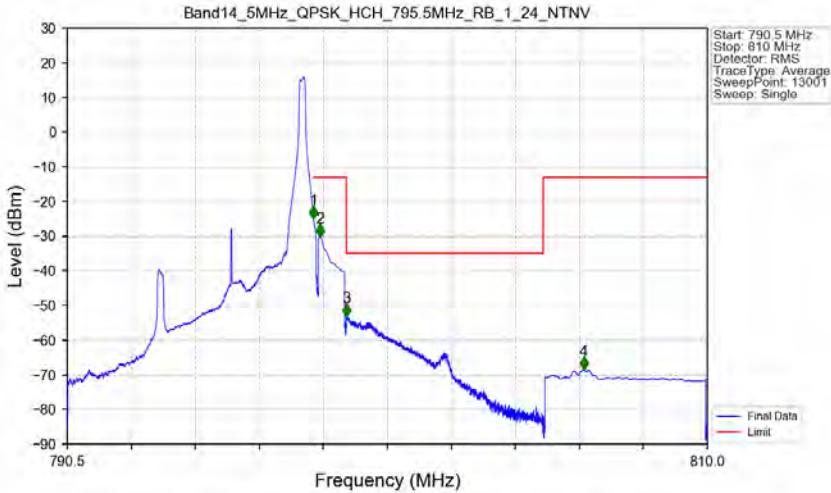
Band14 5MHz QPSK MCH 793MHz RB 1 0 NTV



Band14 5MHz QPSK HCH 795.5MHz RB 1 0 NTN

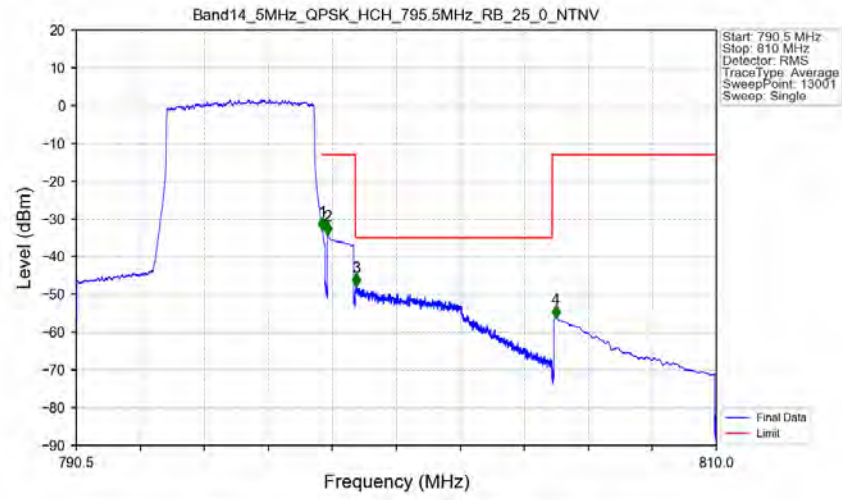


Band14 5MHz QPSK HCH 795.5MHz RB 1 24 NTN



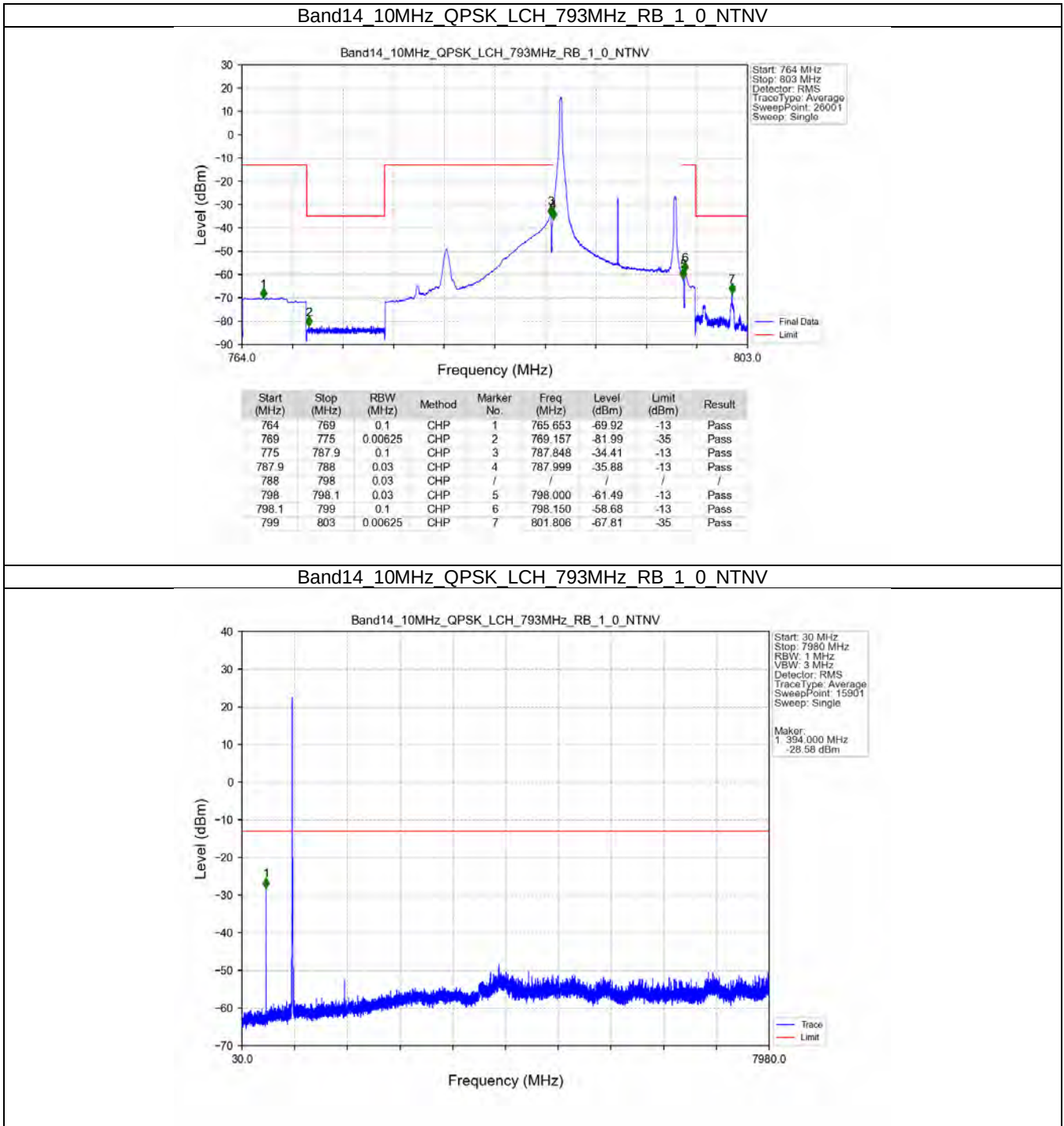
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
790.5	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	1	798.001	-24.93	-13	Pass
798.1	799	0.1	CHP	2	798.206	-30.18	-13	Pass
799	805	0.00625	CHP	3	799.004	-53.31	-35	Pass
805	810	0.1	CHP	4	806.232	-68.57	-13	Pass

Band14 5MHz QPSK HCH 795.5MHz RB 25 0 NTN

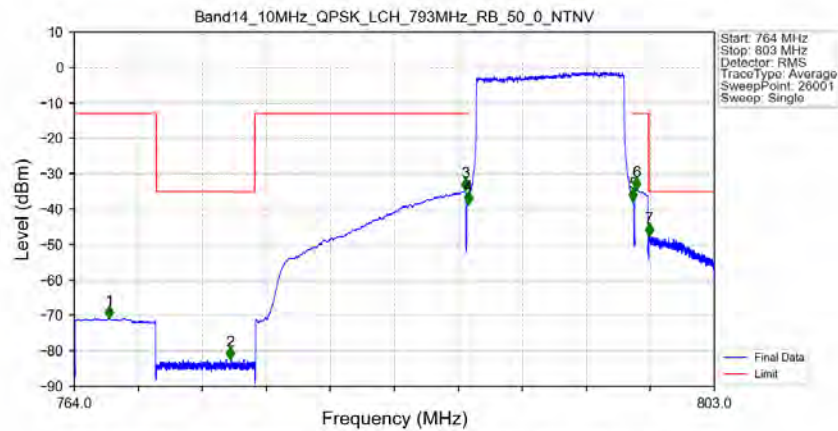


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
790.5	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	1	798.001	-33.02	-13	Pass
798.1	799	0.1	CHP	2	798.152	-34.28	-13	Pass
799	805	0.00625	CHP	3	799.017	-47.88	-35	Pass
805	810	0.1	CHP	4	805.102	-56.24	-13	Pass

5.2.2 B14_10MHz

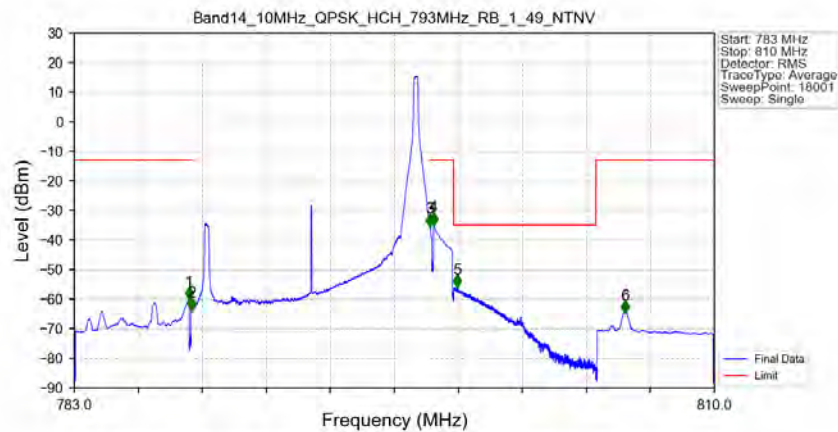


Band14 10MHz QPSK LCH 793MHz RB 50 0 NTNV



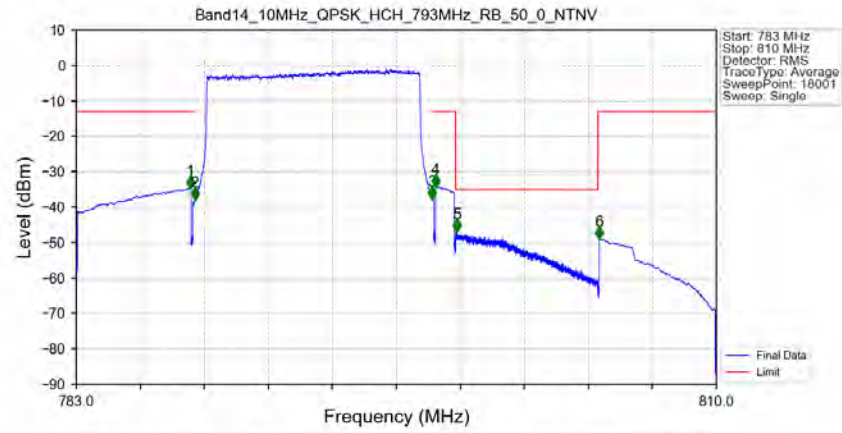
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	769	0.1	CHP	1	766.129	-70.72	-13	Pass
769	775	0.00625	CHP	2	773.516	-82.28	-35	Pass
775	787.9	0.1	CHP	3	787.848	-34.51	-13	Pass
787.9	788	0.03	CHP	4	787.997	-38.46	-13	Pass
788	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	5	798.000	-37.51	-13	Pass
798.1	799	0.1	CHP	6	798.270	-34.38	-13	Pass
799	803	0.00625	CHP	7	799.049	-47.40	-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	787.850	-59.87	-13	Pass
787.9	788	0.03	CHP	2	787.941	-63.51	-13	Pass
788	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	3	798.001	-35.17	-13	Pass
798.1	799	0.1	CHP	4	798.154	-34.63	-13	Pass
799	805	0.00625	CHP	5	799.146	-55.85	-35	Pass
805	810	0.1	CHP	6	806.235	-64.51	-13	Pass

Band14 10MHz QPSK HCH 793MHz RB 50 0 NTN



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
783	787.9	0.1	CHP	1	787.811	-34.56	-13	Pass
787.9	788	0.03	CHP	2	788.000	-37.74	-13	Pass
788	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	3	798.015	-37.62	-13	Pass
798.1	799	0.1	CHP	4	798.152	-34.08	-13	Pass
799	805	0.00625	CHP	5	799.050	-46.78	-35	Pass
805	810	0.1	CHP	6	805.067	-48.95	-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	-62.64	-13	Pass
				778	785.5	-45.72	-14.49	Pass
				785.5	787.95	-22.47	-4.49	Pass
				787.95	793.05	20.51	20.51	Pass
				793.05	795.5	-52.11	-4.49	Pass
				795.5	803	-33.24	-14.49	Pass
				803	808	-71.32	-13	Pass
			13	773	778	-69.56	-13	Pass
				778	785.5	-56.93	-14.19	Pass
				785.5	787.95	-45.84	-4.19	Pass
				787.95	793.05	20.81	20.81	Pass
				793.05	795.5	-44.36	-4.19	Pass
				795.5	803	-54.57	-14.19	Pass
				803	808	-68.66	-13	Pass
			24	773	778	-70.43	-13	Pass
				778	785.5	-35.32	-14.63	Pass
				785.5	787.95	-54.60	-4.63	Pass
				787.95	793.05	20.37	20.37	Pass
				793.05	795.5	-21.49	-4.63	Pass
				795.5	803	-43.57	-14.63	Pass
				803	808	-67.77	-13	Pass
		12	0	773	778	-55.45	-13	Pass
				778	785.5	-33.35	-25.02	Pass
				785.5	787.95	-22.72	-15.02	Pass
				787.95	793.05	9.98	9.98	Pass
				793.05	795.5	-36.32	-15.02	Pass
				795.5	803	-41.93	-25.02	Pass
				803	808	-61.04	-13	Pass
			6	773	778	-59.79	-13	Pass
				778	785.5	-38.11	-25.22	Pass
				785.5	787.95	-28.75	-15.22	Pass
				787.95	793.05	9.78	9.78	Pass
				793.05	795.5	-31.87	-15.22	Pass
				795.5	803	-40.83	-25.22	Pass
				803	808	-60.74	-13	Pass
			13	773	778	-68.41	-13	Pass
				778	785.5	-45.66	-25.06	Pass
				785.5	787.95	-37.81	-15.06	Pass
				787.95	793.05	9.94	9.94	Pass
				793.05	795.5	-25.58	-15.06	Pass
				795.5	803	-38.65	-25.06	Pass
				803	808	-65.04	-13	Pass
		25	0	773	778	-51.80	-13	Pass
				778	785.5	-32.50	-27.83	Pass
				785.5	787.95	-25.89	-17.83	Pass
				787.95	793.05	7.17	7.17	Pass
				793.05	795.5	-28.57	-17.83	Pass

				795.5	803	-34.50	-27.83	Pass
				803	808	-55.43	-13	Pass
	793	1	0	775.5	780.5	-65.44	-13	Pass
				780.5	788	-46.70	-14.08	Pass
				788	790.45	-21.24	-4.08	Pass
				790.45	795.55	20.92	20.92	Pass
				795.55	798	-52.76	-4.08	Pass
				798	805.5	-34.03	-14.08	Pass
				805.5	810.5	-70.74	-13	Pass
			13	775.5	780.5	-68.91	-13	Pass
				780.5	788	-61.37	-14.43	Pass
				788	790.45	-49.07	-4.43	Pass
				790.45	795.55	20.57	20.57	Pass
				795.55	798	-47.71	-4.43	Pass
				798	805.5	-60.24	-14.43	Pass
				805.5	810.5	-70.06	-13	Pass
			24	775.5	780.5	-70.80	-13	Pass
				780.5	788	-36.33	-14.49	Pass
				788	790.45	-58.62	-4.49	Pass
				790.45	795.55	20.51	20.51	Pass
				795.55	798	-21.29	-4.49	Pass
				798	805.5	-49.57	-14.49	Pass
				805.5	810.5	-70.09	-13	Pass
		12	0	775.5	780.5	-63.74	-13	Pass
				780.5	788	-39.13	-24.96	Pass
				788	790.45	-26.03	-14.96	Pass
				790.45	795.55	10.04	10.04	Pass
				795.55	798	-38.30	-14.96	Pass
				798	805.5	-45.89	-24.96	Pass
				805.5	810.5	-71.11	-13	Pass
			6	775.5	780.5	-69.49	-13	Pass
				780.5	788	-46.51	-24.79	Pass
				788	790.45	-32.77	-14.79	Pass
				790.45	795.55	10.21	10.21	Pass
				795.55	798	-31.86	-14.79	Pass
				798	805.5	-46.59	-24.79	Pass
				805.5	810.5	-71.28	-13	Pass
			13	775.5	780.5	-70.76	-13	Pass
				780.5	788	-46.44	-24.75	Pass
				788	790.45	-40.79	-14.75	Pass
				790.45	795.55	10.25	10.25	Pass
				795.55	798	-26.41	-14.75	Pass
				798	805.5	-39.68	-24.75	Pass
				805.5	810.5	-70.68	-13	Pass
		25	0	775.5	780.5	-55.42	-13	Pass
				780.5	788	-36.69	-28.02	Pass
				788	790.45	-29.11	-18.02	Pass
				790.45	795.55	6.98	6.98	Pass
				795.55	798	-28.13	-18.02	Pass
				798	805.5	-35.59	-28.02	Pass
	795.5	1	0	805.5	810.5	-61.67	-13	Pass
				778	783	-66.30	-13	Pass
				783	790.5	-42.94	-14.29	Pass
				790.5	792.95	-23.06	-4.29	Pass
				792.95	798.05	20.71	20.71	Pass
				798.05	800.5	-54.89	-4.29	Pass
				800.5	808	-35.36	-14.29	Pass
				808	813	-71.76	-13	Pass
			13	778	783	-66.04	-13	Pass

				783	790.5	-62.09	-14.48	Pass
				790.5	792.95	-49.56	-4.48	Pass
				792.95	798.05	20.52	20.52	Pass
				798.05	800.5	-47.53	-4.48	Pass
				800.5	808	-61.06	-14.48	Pass
				808	813	-70.72	-13	Pass
			24	778	783	-69.26	-13	Pass
				783	790.5	-38.76	-14.42	Pass
				790.5	792.95	-56.80	-4.42	Pass
				792.95	798.05	20.58	20.58	Pass
				798.05	800.5	-21.33	-4.42	Pass
				800.5	808	-48.11	-14.42	Pass
				808	813	-71.36	-13	Pass
		12	0	778	783	-68.74	-13	Pass
				783	790.5	-42.97	-24.5	Pass
				790.5	792.95	-27.69	-14.5	Pass
				792.95	798.05	10.50	10.5	Pass
				798.05	800.5	-39.34	-14.5	Pass
				800.5	808	-47.51	-24.5	Pass
			6	808	813	-70.71	-13	Pass
				778	783	-66.50	-13	Pass
				783	790.5	-48.52	-25.34	Pass
				790.5	792.95	-37.42	-15.34	Pass
				792.95	798.05	9.66	9.66	Pass
				798.05	800.5	-35.29	-15.34	Pass
				800.5	808	-46.79	-25.34	Pass
				808	813	-71.50	-13	Pass
			13	778	783	-70.23	-13	Pass
				783	790.5	-49.37	-25.06	Pass
				790.5	792.95	-42.57	-15.06	Pass
				792.95	798.05	9.94	9.94	Pass
				798.05	800.5	-25.71	-15.06	Pass
				800.5	808	-41.86	-25.06	Pass
		25	0	808	813	-69.29	-13	Pass
				778	783	-58.14	-13	Pass
				783	790.5	-40.10	-27.7	Pass
				790.5	792.95	-34.26	-17.7	Pass
				792.95	798.05	7.30	7.3	Pass
				798.05	800.5	-29.66	-17.7	Pass
16QAM	790.5	1	0	800.5	808	-38.22	-27.7	Pass
				808	813	-65.82	-13	Pass
			13	773	778	-63.54	-13	Pass
				778	785.5	-46.05	-15.74	Pass
				785.5	787.95	-21.42	-5.74	Pass
				787.95	793.05	19.26	19.26	Pass
			24	793.05	795.5	-52.87	-5.74	Pass
				795.5	803	-34.84	-15.74	Pass
				803	808	-70.17	-13	Pass
				773	778	-70.82	-13	Pass
				778	785.5	-57.90	-15.2	Pass
				785.5	787.95	-47.60	-5.2	Pass
				787.95	793.05	19.80	19.8	Pass
				793.05	795.5	-45.38	-5.2	Pass
				795.5	803	-56.77	-15.2	Pass
				803	808	-70.70	-13	Pass
				773	778	-71.65	-13	Pass
				778	785.5	-35.65	-15.77	Pass
				785.5	787.95	-56.55	-5.77	Pass
				787.95	793.05	19.23	19.23	Pass

				793.05	795.5	-22.75	-5.77	Pass
				795.5	803	-43.04	-15.77	Pass
				803	808	-68.32	-13	Pass
		12	0	773	778	-54.01	-13	Pass
				778	785.5	-34.14	-26.41	Pass
				785.5	787.95	-23.65	-16.41	Pass
				787.95	793.05	8.59	8.59	Pass
				793.05	795.5	-36.42	-16.41	Pass
				795.5	803	-41.17	-26.41	Pass
				803	808	-59.27	-13	Pass
				773	778	-58.72	-13	Pass
			6	778	785.5	-39.82	-26.09	Pass
				785.5	787.95	-28.57	-16.09	Pass
				787.95	793.05	8.91	8.91	Pass
				793.05	795.5	-32.31	-16.09	Pass
				795.5	803	-40.12	-26.09	Pass
				803	808	-60.39	-13	Pass
			13	773	778	-67.94	-13	Pass
				778	785.5	-45.56	-26.04	Pass
				785.5	787.95	-38.11	-16.04	Pass
				787.95	793.05	8.96	8.96	Pass
				793.05	795.5	-25.95	-16.04	Pass
				795.5	803	-40.35	-26.04	Pass
				803	808	-64.73	-13	Pass
		25	0	773	778	-52.50	-13	Pass
				778	785.5	-32.66	-28.95	Pass
				785.5	787.95	-26.22	-18.95	Pass
				787.95	793.05	6.05	6.05	Pass
				793.05	795.5	-28.79	-18.95	Pass
				795.5	803	-35.97	-28.95	Pass
	793			803	808	-55.09	-13	Pass
				775.5	780.5	-66.45	-13	Pass
				780.5	788	-47.21	-15.53	Pass
				788	790.45	-22.40	-5.53	Pass
				790.45	795.55	19.47	19.47	Pass
				795.55	798	-51.39	-5.53	Pass
				798	805.5	-37.96	-15.53	Pass
				805.5	810.5	-72.19	-13	Pass
			13	775.5	780.5	-68.89	-13	Pass
				780.5	788	-59.60	-15.58	Pass
				788	790.45	-46.16	-5.58	Pass
				790.45	795.55	19.42	19.42	Pass
				795.55	798	-48.55	-5.58	Pass
				798	805.5	-61.89	-15.58	Pass
				805.5	810.5	-71.46	-13	Pass
			24	775.5	780.5	-68.50	-13	Pass
				780.5	788	-38.25	-15.78	Pass
				788	790.45	-57.22	-5.78	Pass
				790.45	795.55	19.22	19.22	Pass
				795.55	798	-24.67	-5.78	Pass
				798	805.5	-45.40	-15.78	Pass
			12	805.5	810.5	-69.81	-13	Pass
				775.5	780.5	-63.79	-13	Pass
				780.5	788	-39.35	-25.76	Pass
				788	790.45	-25.59	-15.76	Pass
				790.45	795.55	9.24	9.24	Pass
				795.55	798	-39.20	-15.76	Pass
				798	805.5	-47.43	-25.76	Pass
				805.5	810.5	-72.53	-13	Pass

			6	775.5	780.5	-70.56	-13	Pass
				780.5	788	-49.41	-25.64	Pass
				788	790.45	-35.09	-15.64	Pass
				790.45	795.55	9.36	9.36	Pass
				795.55	798	-33.32	-15.64	Pass
				798	805.5	-48.22	-25.64	Pass
				805.5	810.5	-71.47	-13	Pass
			13	775.5	780.5	-70.25	-13	Pass
				780.5	788	-49.59	-26.53	Pass
				788	790.45	-43.87	-16.53	Pass
				790.45	795.55	8.47	8.47	Pass
				795.55	798	-27.75	-16.53	Pass
				798	805.5	-42.96	-26.53	Pass
				805.5	810.5	-69.18	-13	Pass
		25	0	775.5	780.5	-57.18	-13	Pass
				780.5	788	-37.67	-28.24	Pass
				788	790.45	-31.74	-18.24	Pass
				790.45	795.55	6.76	6.76	Pass
				795.55	798	-29.08	-18.24	Pass
				798	805.5	-37.75	-28.24	Pass
				805.5	810.5	-63.02	-13	Pass
	795.5	1	0	778	783	-66.27	-13	Pass
				783	790.5	-45.46	-15.63	Pass
				790.5	792.95	-23.60	-5.63	Pass
				792.95	798.05	19.37	19.37	Pass
				798.05	800.5	-55.67	-5.63	Pass
				800.5	808	-36.12	-15.63	Pass
				808	813	-72.39	-13	Pass
			13	778	783	-68.70	-13	Pass
				783	790.5	-63.44	-16.05	Pass
				790.5	792.95	-51.17	-6.05	Pass
				792.95	798.05	18.95	18.95	Pass
				798.05	800.5	-49.30	-6.05	Pass
				800.5	808	-62.23	-16.05	Pass
				808	813	-70.75	-13	Pass
			24	778	783	-71.30	-13	Pass
				783	790.5	-34.98	-15.64	Pass
				790.5	792.95	-57.00	-5.64	Pass
				792.95	798.05	19.36	19.36	Pass
				798.05	800.5	-23.37	-5.64	Pass
				800.5	808	-45.60	-15.64	Pass
				808	813	-70.41	-13	Pass
		12	0	778	783	-67.89	-13	Pass
				783	790.5	-43.72	-25.81	Pass
				790.5	792.95	-27.77	-15.81	Pass
				792.95	798.05	9.19	9.19	Pass
				798.05	800.5	-42.14	-15.81	Pass
				800.5	808	-48.74	-25.81	Pass
				808	813	-71.93	-13	Pass
			6	778	783	-69.25	-13	Pass
				783	790.5	-50.97	-25.93	Pass
				790.5	792.95	-37.70	-15.93	Pass
				792.95	798.05	9.07	9.07	Pass
				798.05	800.5	-36.47	-15.93	Pass
				800.5	808	-50.20	-25.93	Pass
				808	813	-71.37	-13	Pass
			13	778	783	-71.18	-13	Pass
				783	790.5	-52.46	-26.28	Pass
				790.5	792.95	-43.53	-16.28	Pass

				792.95	798.05	8.72	8.72	Pass
				798.05	800.5	-27.63	-16.28	Pass
				800.5	808	-42.25	-26.28	Pass
				808	813	-71.79	-13	Pass
		25	0	778	783	-58.29	-13	Pass
				783	790.5	-42.60	-28.59	Pass
				790.5	792.95	-34.97	-18.59	Pass
				792.95	798.05	6.41	6.41	Pass
				798.05	800.5	-32.67	-18.59	Pass
				800.5	808	-39.65	-28.59	Pass
				808	813	-68.58	-13	Pass
64QAM	790.5	1	0	773	778	-65.39	-13	Pass
				778	785.5	-48.26	-15.3	Pass
				785.5	787.95	-24.39	-5.3	Pass
				787.95	793.05	19.70	19.7	Pass
				793.05	795.5	-55.70	-5.3	Pass
				795.5	803	-38.28	-15.3	Pass
				803	808	-72.17	-13	Pass
			13	773	778	-70.97	-13	Pass
				778	785.5	-57.97	-15.85	Pass
				785.5	787.95	-47.38	-5.85	Pass
				787.95	793.05	19.15	19.15	Pass
				793.05	795.5	-45.64	-5.85	Pass
				795.5	803	-56.63	-15.85	Pass
				803	808	-70.98	-13	Pass
			24	773	778	-71.82	-13	Pass
				778	785.5	-37.52	-15.61	Pass
				785.5	787.95	-58.09	-5.61	Pass
				787.95	793.05	19.39	19.39	Pass
				793.05	795.5	-23.72	-5.61	Pass
				795.5	803	-45.89	-15.61	Pass
				803	808	-68.17	-13	Pass
		12	0	773	778	-54.17	-13	Pass
				778	785.5	-33.87	-26.22	Pass
				785.5	787.95	-23.28	-16.22	Pass
				787.95	793.05	8.78	8.78	Pass
				793.05	795.5	-36.39	-16.22	Pass
				795.5	803	-41.36	-26.22	Pass
				803	808	-59.40	-13	Pass
			6	773	778	-59.20	-13	Pass
				778	785.5	-38.84	-26.44	Pass
				785.5	787.95	-28.57	-16.44	Pass
				787.95	793.05	8.56	8.56	Pass
				793.05	795.5	-32.61	-16.44	Pass
				795.5	803	-40.17	-26.44	Pass
				803	808	-59.42	-13	Pass
			13	773	778	-67.77	-13	Pass
				778	785.5	-47.07	-26.16	Pass
				785.5	787.95	-37.77	-16.16	Pass
				787.95	793.05	8.84	8.84	Pass
				793.05	795.5	-26.97	-16.16	Pass
				795.5	803	-40.76	-26.16	Pass
				803	808	-65.38	-13	Pass
		25	0	773	778	-52.61	-13	Pass
				778	785.5	-32.99	-29.24	Pass
				785.5	787.95	-26.15	-19.24	Pass
				787.95	793.05	5.76	5.76	Pass
				793.05	795.5	-27.89	-19.24	Pass
				795.5	803	-35.82	-29.24	Pass

				803	808	-55.40	-13	Pass
				775.5	780.5	-68.16	-13	Pass
				780.5	788	-49.30	-16.32	Pass
				788	790.45	-25.16	-6.32	Pass
				790.45	795.55	18.68	18.68	Pass
				795.55	798	-55.80	-6.32	Pass
				798	805.5	-37.14	-16.32	Pass
				805.5	810.5	-71.86	-13	Pass
			0	775.5	780.5	-68.12	-13	Pass
				780.5	788	-59.13	-16.23	Pass
				788	790.45	-50.14	-6.23	Pass
				790.45	795.55	18.77	18.77	Pass
				795.55	798	-50.00	-6.23	Pass
				798	805.5	-58.02	-16.23	Pass
				805.5	810.5	-71.94	-13	Pass
			13	775.5	780.5	-71.36	-13	Pass
				780.5	788	-37.16	-16.29	Pass
				788	790.45	-60.85	-6.29	Pass
				790.45	795.55	18.71	18.71	Pass
				795.55	798	-23.83	-6.29	Pass
				798	805.5	-51.85	-16.29	Pass
				805.5	810.5	-71.76	-13	Pass
			24	775.5	780.5	-64.00	-13	Pass
				780.5	788	-39.33	-26.09	Pass
				788	790.45	-27.96	-16.09	Pass
				790.45	795.55	8.91	8.91	Pass
				795.55	798	-40.23	-16.09	Pass
				798	805.5	-47.15	-26.09	Pass
				805.5	810.5	-71.40	-13	Pass
			12	775.5	780.5	-71.79	-13	Pass
				780.5	788	-50.45	-26.34	Pass
				788	790.45	-37.28	-16.34	Pass
				790.45	795.55	8.66	8.66	Pass
				795.55	798	-37.33	-16.34	Pass
				798	805.5	-50.39	-26.34	Pass
				805.5	810.5	-71.36	-13	Pass
				775.5	780.5	-71.89	-13	Pass
				780.5	788	-50.33	-26.23	Pass
				788	790.45	-44.58	-16.23	Pass
				790.45	795.55	8.77	8.77	Pass
				795.55	798	-28.73	-16.23	Pass
				798	805.5	-44.25	-26.23	Pass
				805.5	810.5	-70.78	-13	Pass
			25	775.5	780.5	-57.91	-13	Pass
				780.5	788	-39.40	-29.07	Pass
				788	790.45	-33.71	-19.07	Pass
				790.45	795.55	5.93	5.93	Pass
				795.55	798	-29.69	-19.07	Pass
				798	805.5	-39.21	-29.07	Pass
				805.5	810.5	-64.66	-13	Pass
	795.5	1	0	778	783	-68.08	-13	Pass
				783	790.5	-51.15	-16.53	Pass
				790.5	792.95	-27.26	-6.53	Pass
				792.95	798.05	18.47	18.47	Pass
				798.05	800.5	-57.45	-6.53	Pass
				800.5	808	-40.15	-16.53	Pass
				808	813	-72.16	-13	Pass
				778	783	-68.17	-13	Pass
			13	783	790.5	-64.19	-15.9	Pass

		12	24	790.5	792.95	-51.15	-5.9	Pass
				792.95	798.05	19.10	19.1	Pass
				798.05	800.5	-48.61	-5.9	Pass
				800.5	808	-59.76	-15.9	Pass
				808	813	-71.07	-13	Pass
				778	783	-71.30	-13	Pass
				783	790.5	-37.14	-16.54	Pass
				790.5	792.95	-58.32	-6.54	Pass
				792.95	798.05	18.46	18.46	Pass
				798.05	800.5	-24.37	-6.54	Pass
			800.5	808	-49.93	-16.54	Pass	
			808	813	-70.39	-13	Pass	
			0	778	783	-69.30	-13	Pass
				783	790.5	-47.21	-26	Pass
				790.5	792.95	-31.50	-16	Pass
				792.95	798.05	9.00	9	Pass
				798.05	800.5	-43.19	-16	Pass
				800.5	808	-50.35	-26	Pass
				808	813	-71.20	-13	Pass
				6	778	783	-69.77	-13
		783			790.5	-51.05	-26.06	Pass
		790.5			792.95	-39.62	-16.06	Pass
		792.95	798.05		8.94	8.94	Pass	
		798.05	800.5		-38.62	-16.06	Pass	
		800.5	808		-50.60	-26.06	Pass	
		13	808	813	-70.40	-13	Pass	
			778	783	-71.68	-13	Pass	
			783	790.5	-52.07	-26.34	Pass	
			790.5	792.95	-44.83	-16.34	Pass	
			792.95	798.05	8.66	8.66	Pass	
			798.05	800.5	-27.00	-16.34	Pass	
			800.5	808	-43.08	-26.34	Pass	
			808	813	-71.49	-13	Pass	
		25	0	778	783	-59.57	-13	Pass
				783	790.5	-42.90	-28.29	Pass
				790.5	792.95	-30.37	-18.29	Pass
				792.95	798.05	6.71	6.71	Pass
				798.05	800.5	-30.59	-18.29	Pass
				800.5	808	-39.35	-28.29	Pass
				808	813	-68.45	-13	Pass

6.1.2 B14_10MHz

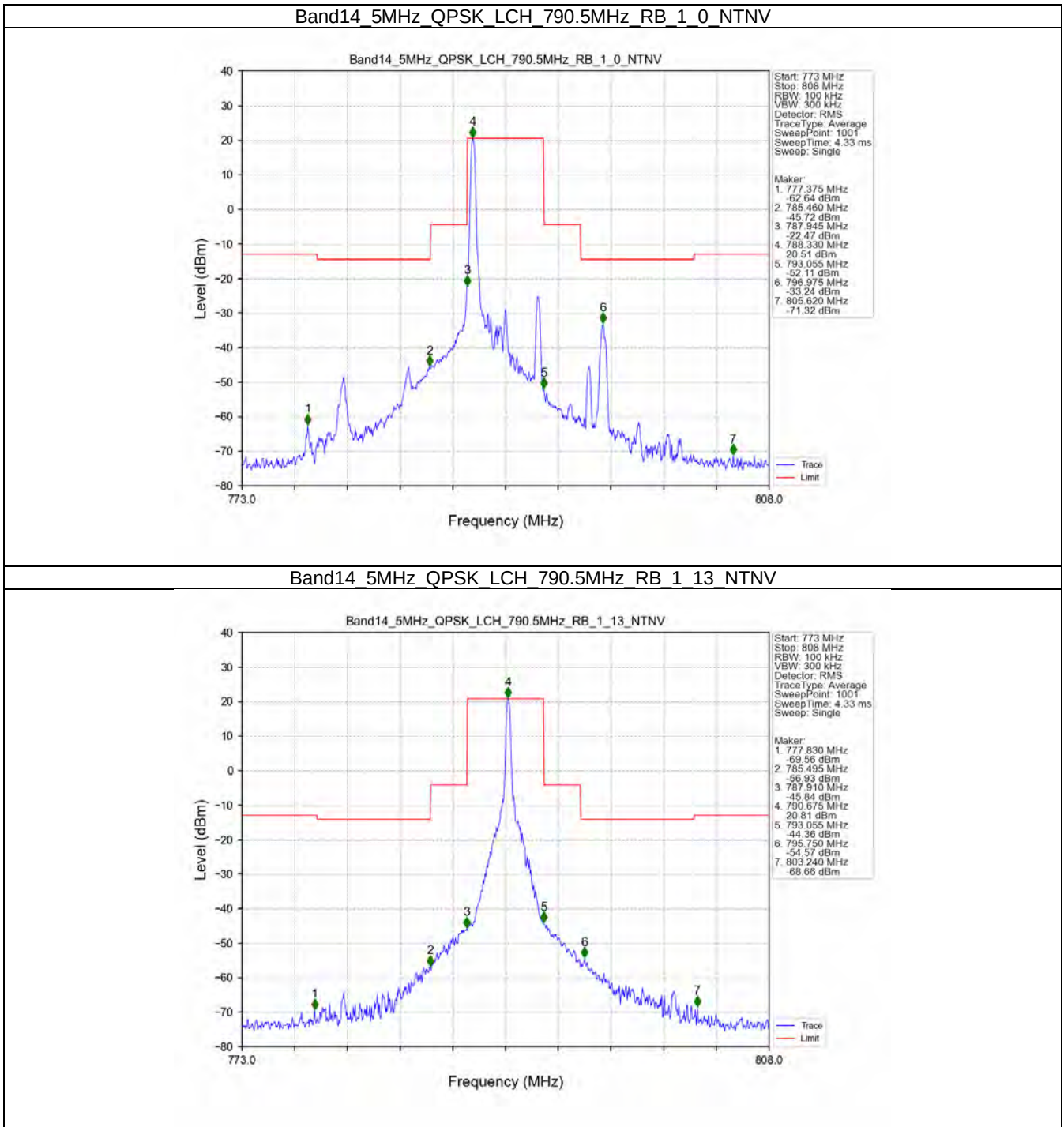
Band: 14 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Freq. (MHz)		Emission Mask (dBm)		Verdict
		Size	Offset	Start	Stop	Result	Limit	
QPSK	793	1	0	758	768	-65.63	-13	Pass
				768	783	-47.53	-14.2	Pass
				783	787.95	-32.60	-4.2	Pass
				787.95	798.05	20.80	20.8	Pass
				798.05	803	-56.91	-4.2	Pass
				803	818	-50.18	-14.2	Pass
			25	818	828	-72.44	-13	Pass
				758	768	-68.11	-13	Pass
				768	783	-65.96	-14.34	Pass
				783	787.95	-56.68	-4.34	Pass
				787.95	798.05	20.66	20.66	Pass

		25	0	758	768	-67.98	-13	Pass
				768	783	-42.68	-28.84	Pass
				783	787.95	-27.60	-18.84	Pass
				787.95	798.05	6.16	6.16	Pass
				798.05	803	-44.29	-18.84	Pass
				803	818	-55.71	-28.84	Pass
				818	828	-72.48	-13	Pass
			13	758	768	-67.47	-13	Pass
				768	783	-54.55	-29.16	Pass
				783	787.95	-38.95	-19.16	Pass
				787.95	798.05	5.84	5.84	Pass
				798.05	803	-39.67	-19.16	Pass
				803	818	-54.77	-29.16	Pass
				818	828	-72.58	-13	Pass
			25	758	768	-68.57	-13	Pass
				768	783	-58.20	-29.52	Pass
				783	787.95	-48.28	-19.52	Pass
				787.95	798.05	5.48	5.48	Pass
				798.05	803	-33.64	-19.52	Pass
				803	818	-50.14	-29.52	Pass
				818	828	-71.58	-13	Pass
		50	0	758	768	-67.91	-13	Pass
				768	783	-43.11	-32.02	Pass
				783	787.95	-34.97	-22.02	Pass
				787.95	798.05	2.98	2.98	Pass
				798.05	803	-35.02	-22.02	Pass
				803	818	-44.42	-32.02	Pass
				818	828	-72.48	-13	Pass
64QAM	793	1	0	758	768	-67.96	-13	Pass
				768	783	-48.86	-15.59	Pass
				783	787.95	-33.40	-5.59	Pass
				787.95	798.05	19.41	19.41	Pass
				798.05	803	-59.45	-5.59	Pass
				803	818	-54.06	-15.59	Pass
				818	828	-72.80	-13	Pass
			25	758	768	-68.47	-13	Pass
				768	783	-66.65	-15.92	Pass
				783	787.95	-58.14	-5.92	Pass
				787.95	798.05	19.08	19.08	Pass
				798.05	803	-58.03	-5.92	Pass
				803	818	-68.02	-15.92	Pass
				818	828	-71.76	-13	Pass
			49	758	768	-67.55	-13	Pass
				768	783	-48.01	-16.35	Pass
				783	787.95	-58.93	-6.35	Pass
				787.95	798.05	18.65	18.65	Pass
				798.05	803	-35.49	-6.35	Pass
				803	818	-66.99	-16.35	Pass
				818	828	-72.21	-13	Pass
		25	0	758	768	-68.00	-13	Pass
				768	783	-42.39	-29.19	Pass
				783	787.95	-28.31	-19.19	Pass
				787.95	798.05	5.81	5.81	Pass
				798.05	803	-44.28	-19.19	Pass
				803	818	-55.32	-29.19	Pass
				818	828	-72.82	-13	Pass
			13	758	768	-68.12	-13	Pass
				768	783	-54.48	-29.25	Pass
				783	787.95	-38.72	-19.25	Pass

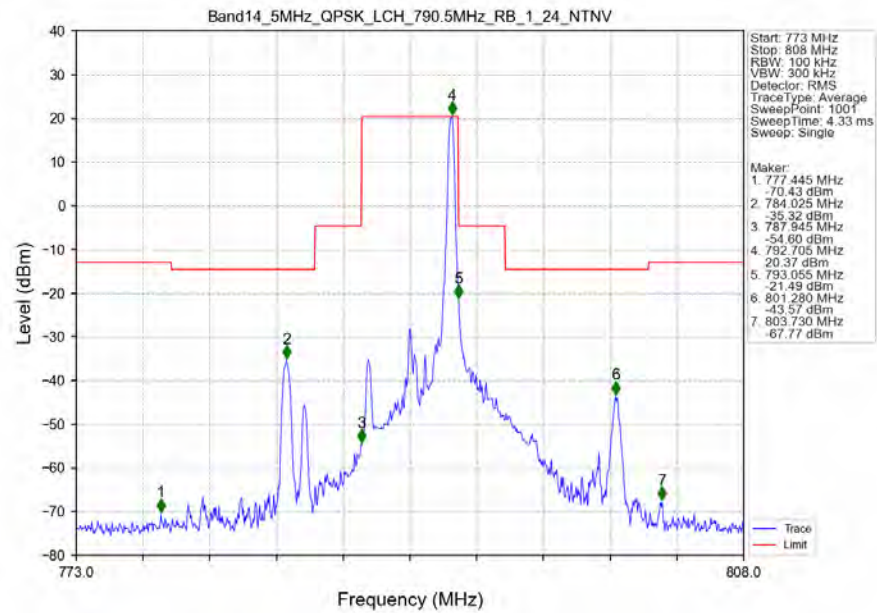
				787.95	798.05	5.75	5.75	Pass
				798.05	803	-39.56	-19.25	Pass
				803	818	-54.94	-29.25	Pass
				818	828	-72.45	-13	Pass
			25	758	768	-68.42	-13	Pass
				768	783	-58.23	-29.44	Pass
				783	787.95	-47.55	-19.44	Pass
				787.95	798.05	5.56	5.56	Pass
				798.05	803	-35.04	-19.44	Pass
				803	818	-50.00	-29.44	Pass
				818	828	-72.63	-13	Pass
		50	0	758	768	-68.12	-13	Pass
				768	783	-42.24	-31.62	Pass
				783	787.95	-35.58	-21.62	Pass
				787.95	798.05	3.38	3.38	Pass
				798.05	803	-34.60	-21.62	Pass
				803	818	-44.30	-31.62	Pass
				818	828	-72.40	-13	Pass

6.2 Test Graph

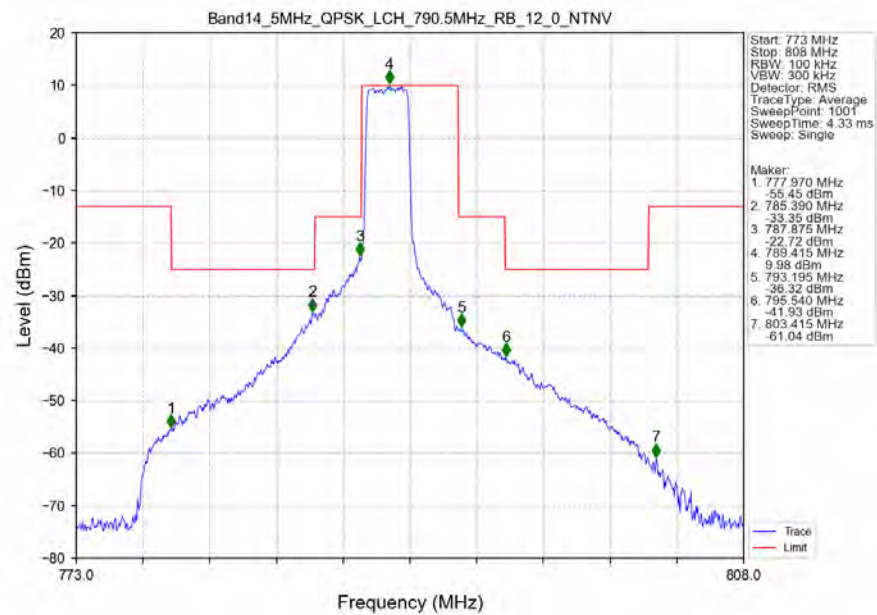
6.2.1 B14_5MHz



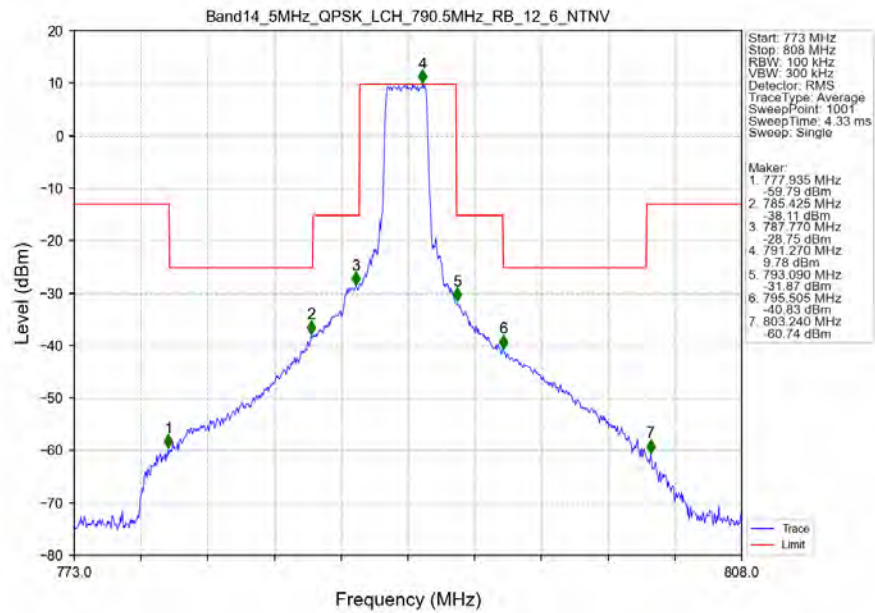
Band14 5MHz QPSK LCH 790.5MHz RB 1 24 NTNV



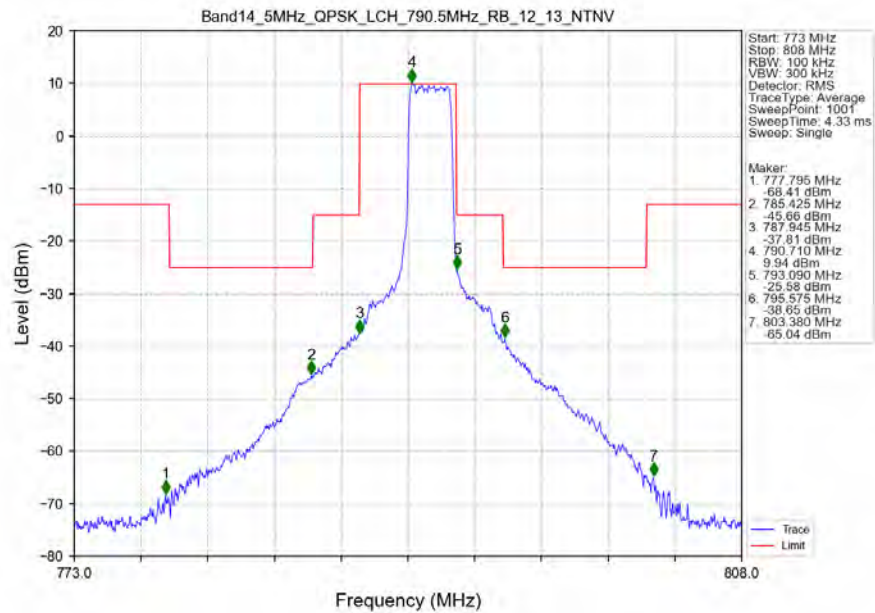
Band14 5MHz QPSK LCH 790.5MHz RB 12 0 NTNV



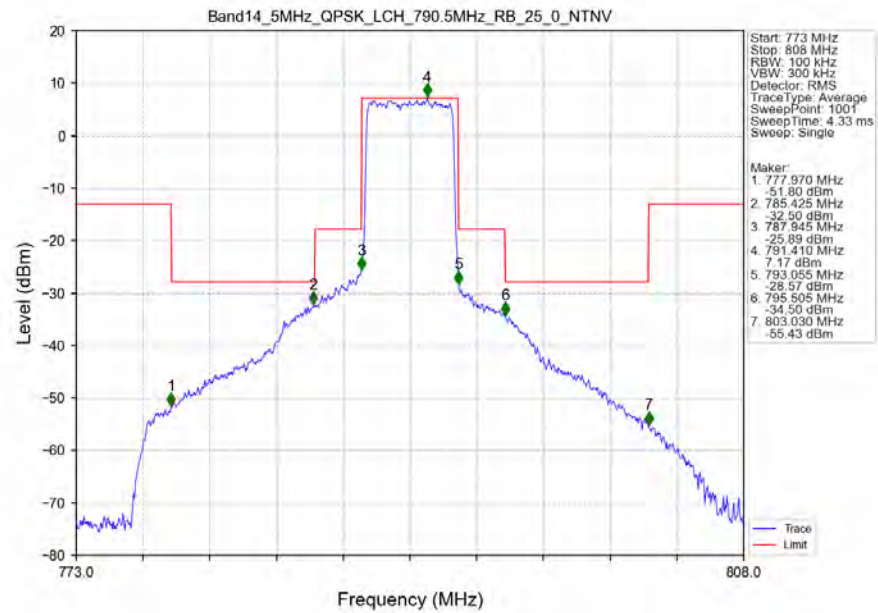
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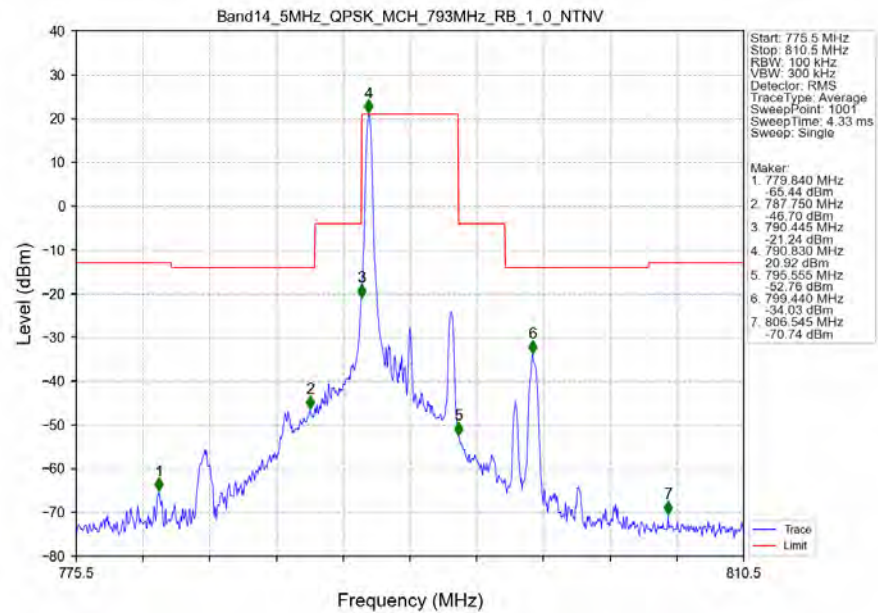
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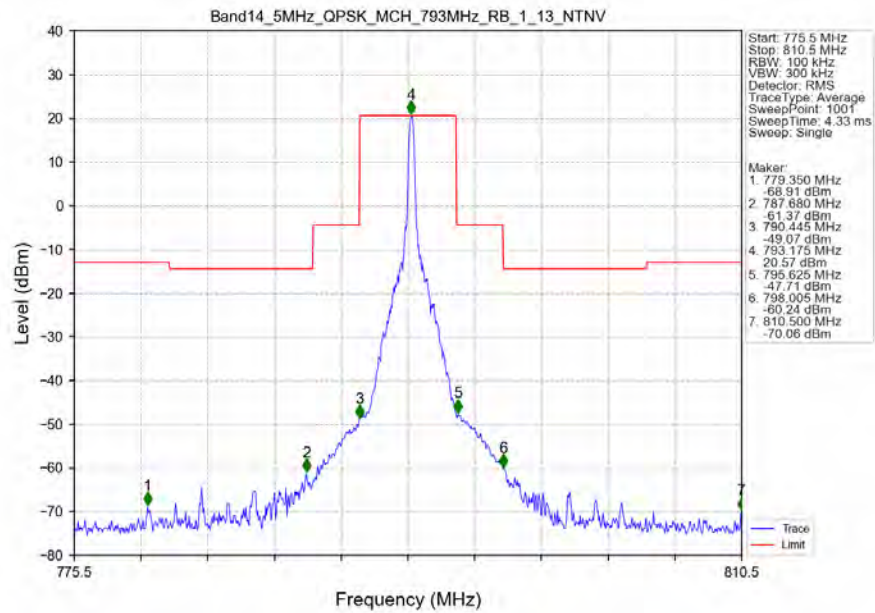
Band14 5MHz QPSK LCH 790.5MHz RB 25 0 NTV



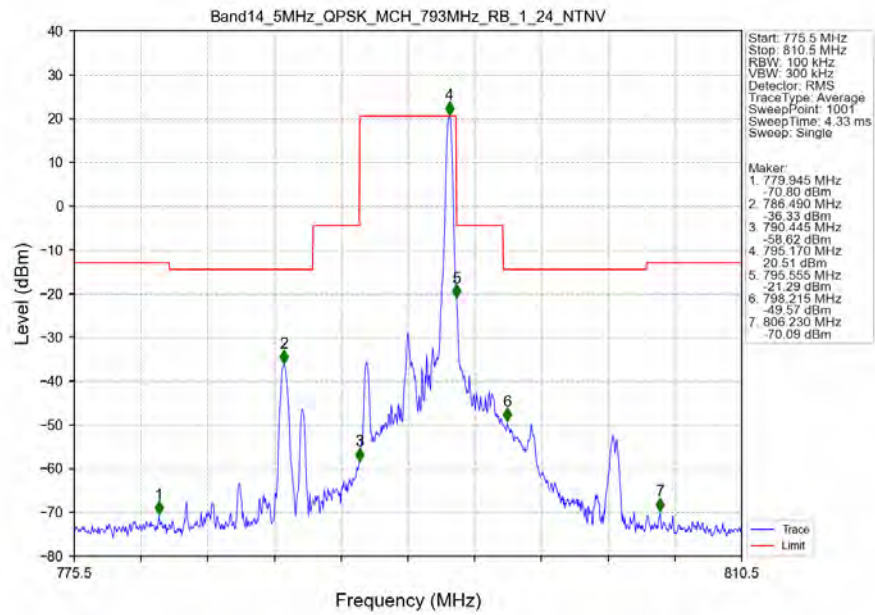
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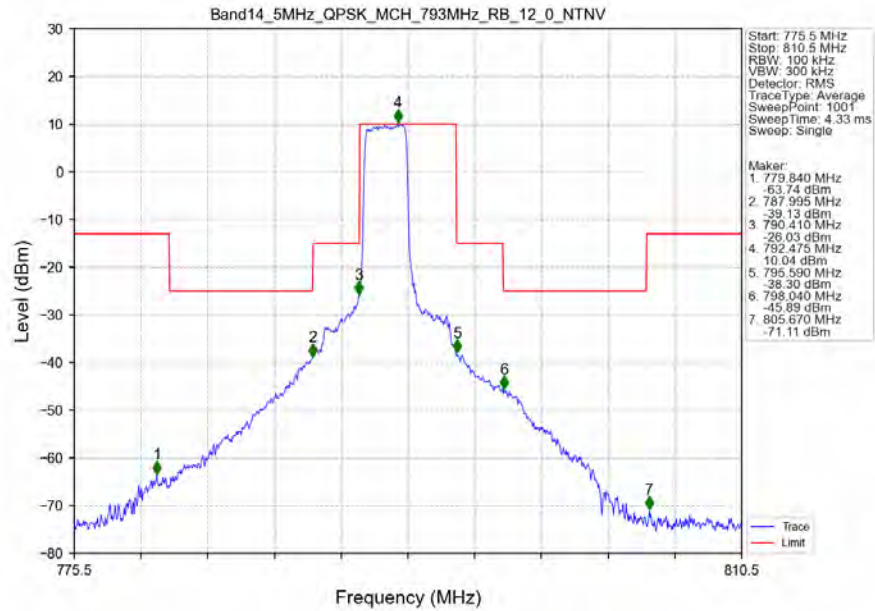
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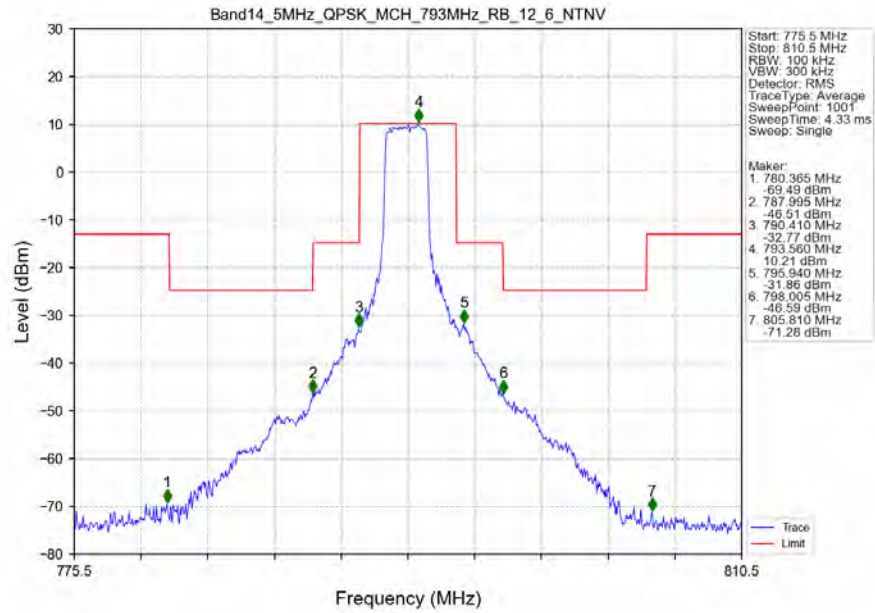
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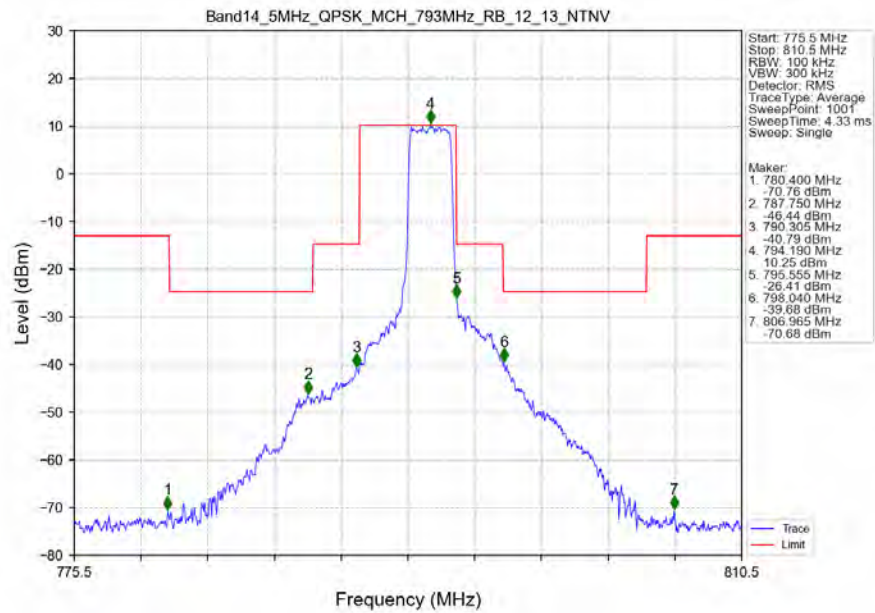
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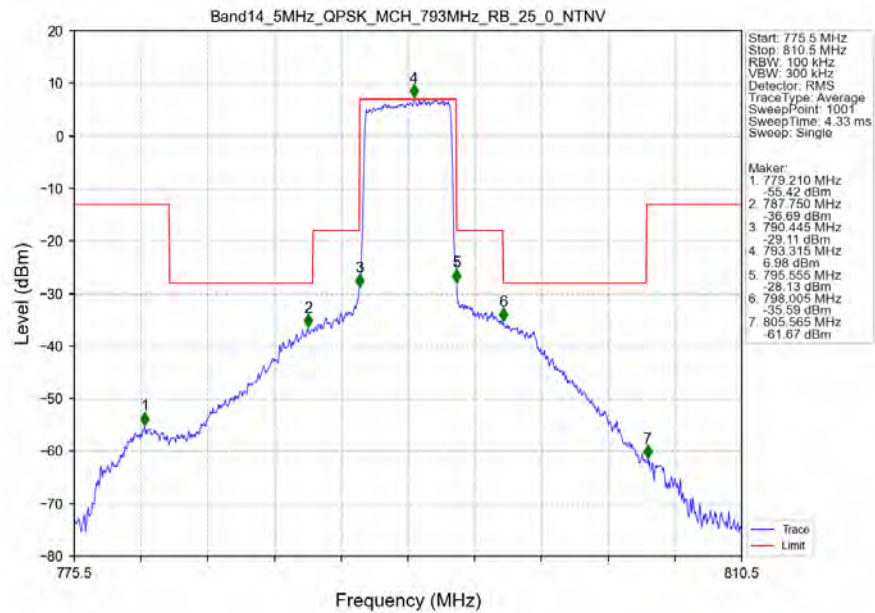
Band14 5MHz QPSK MCH 793MHz RB 12 6 NTN



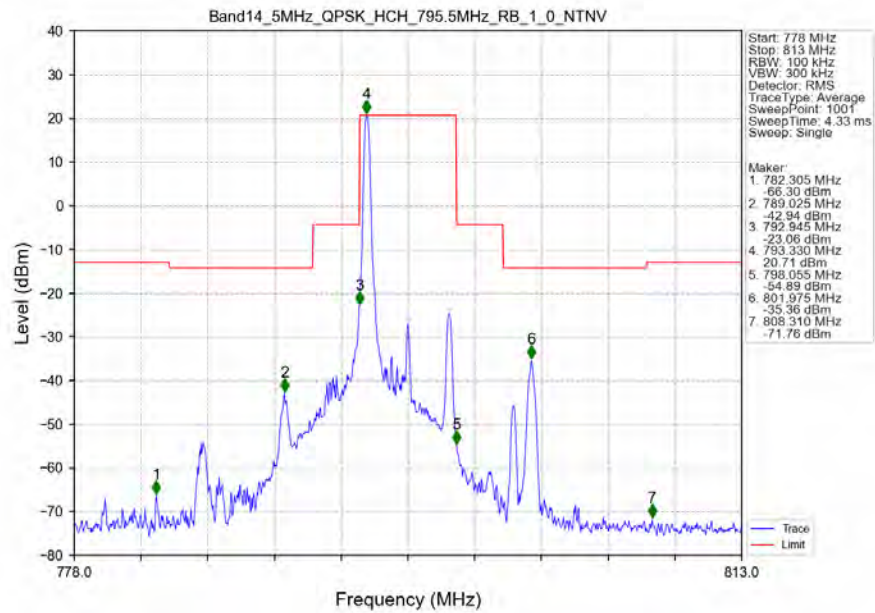
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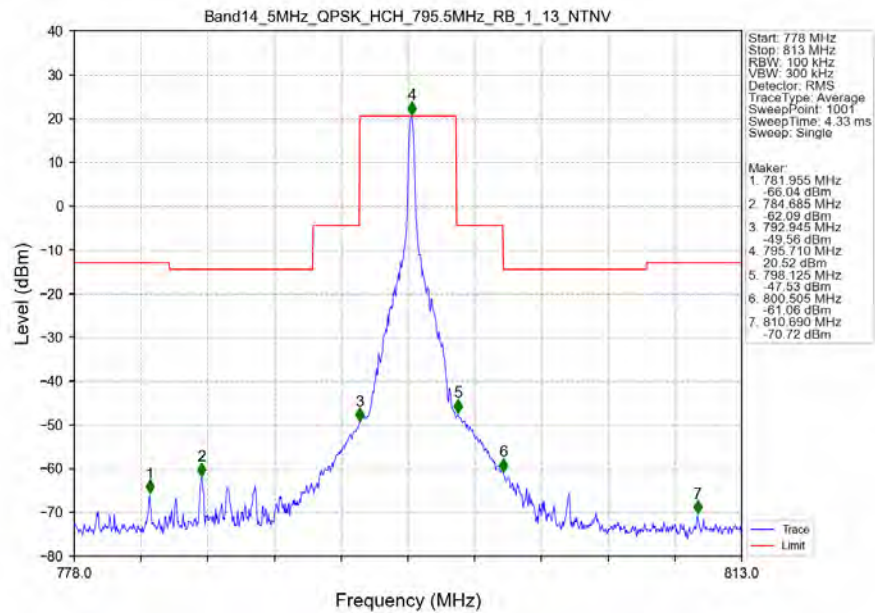
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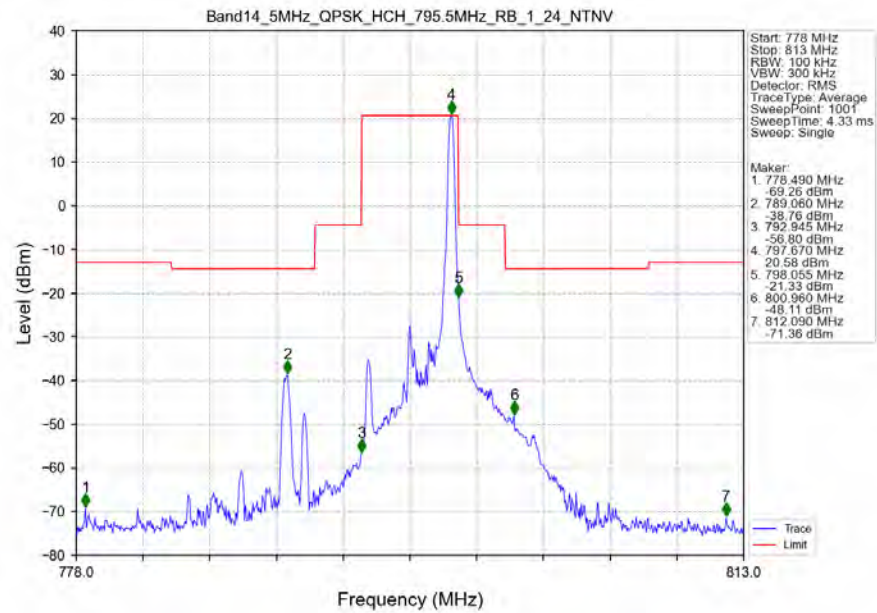
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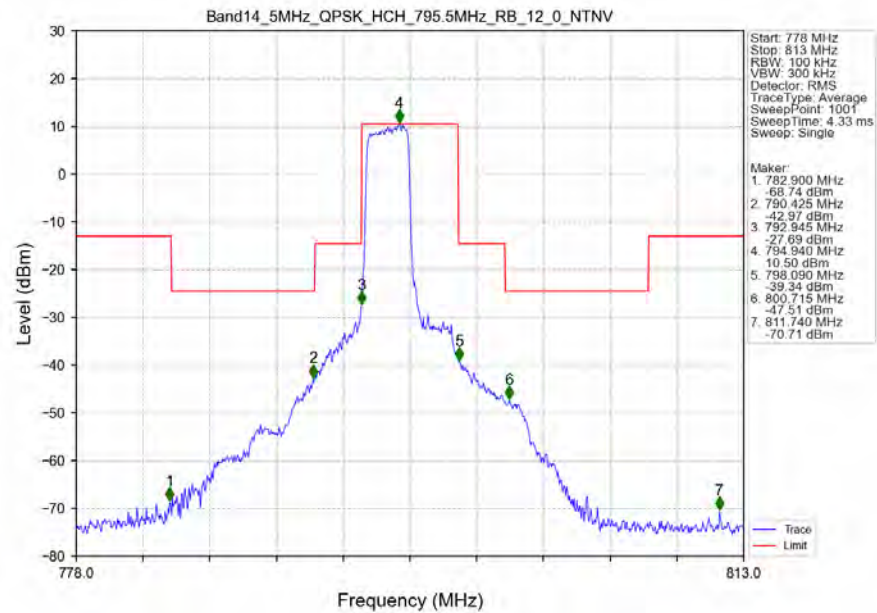
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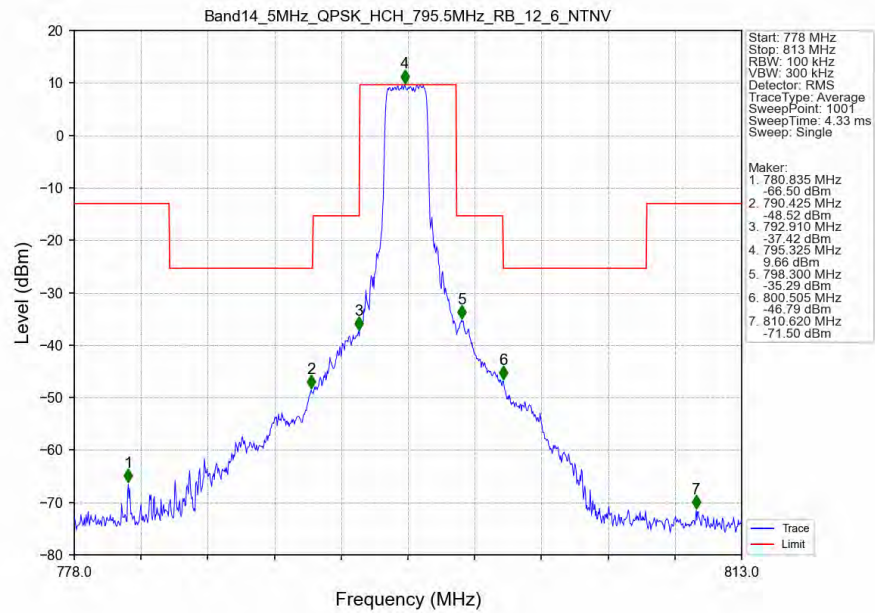
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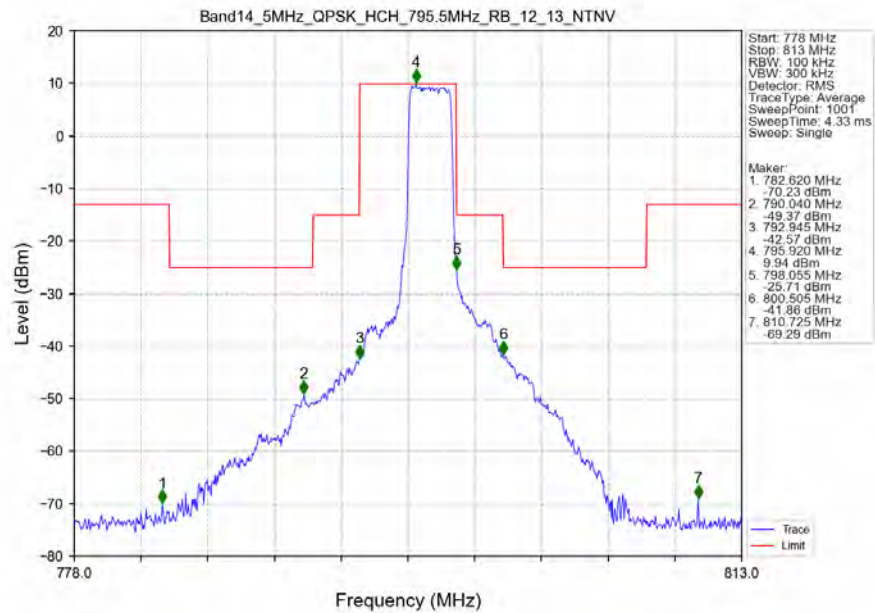
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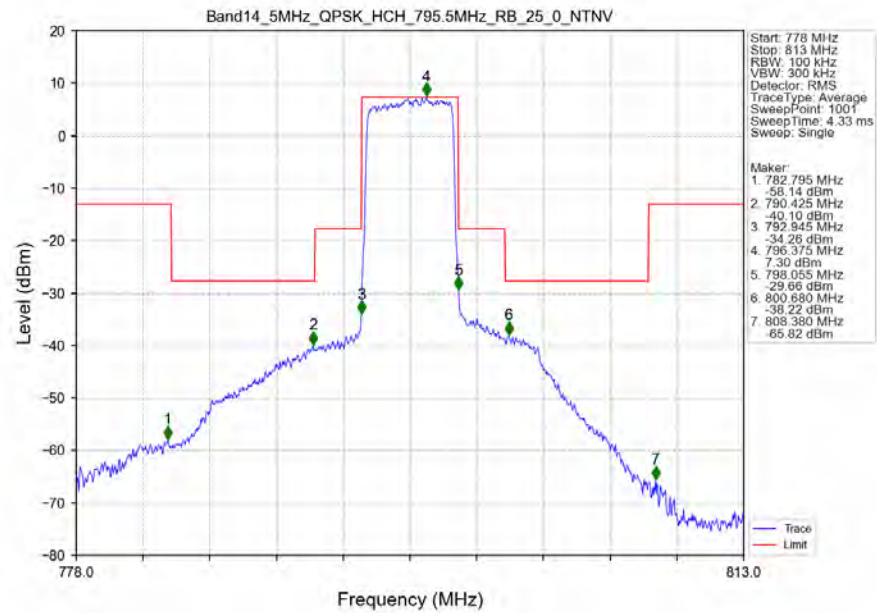
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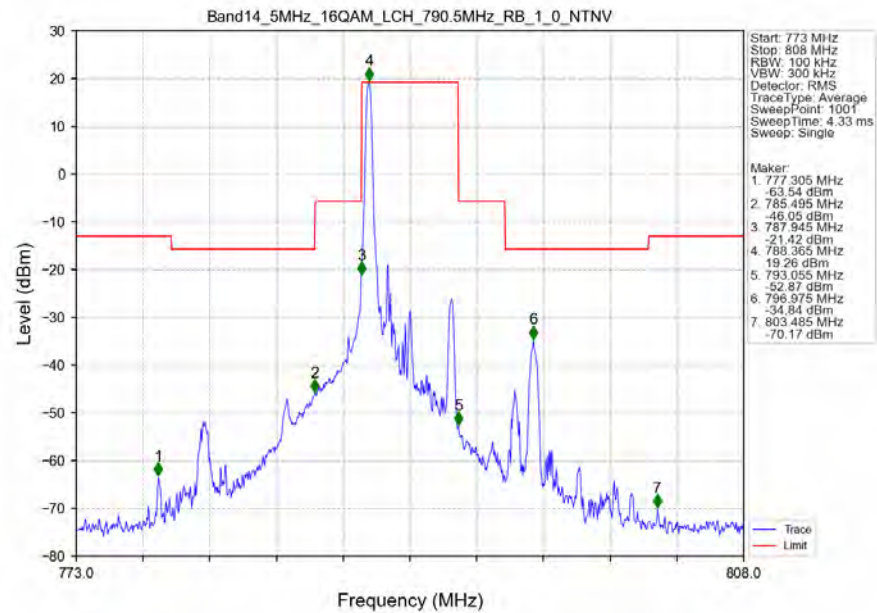
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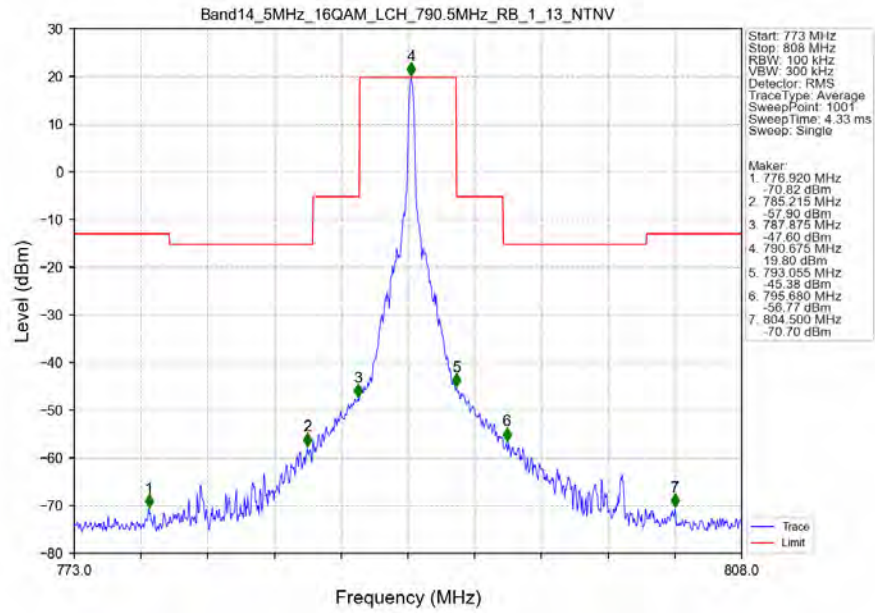
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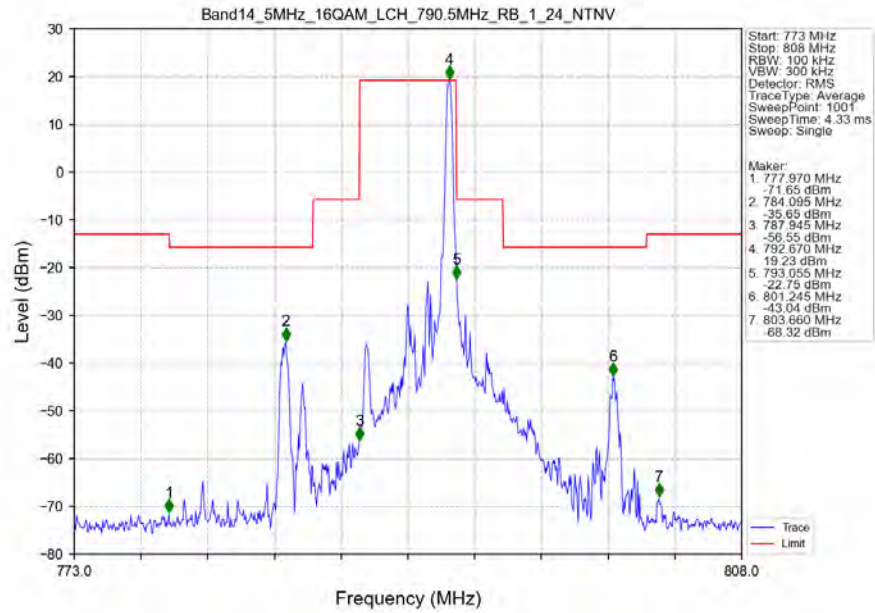
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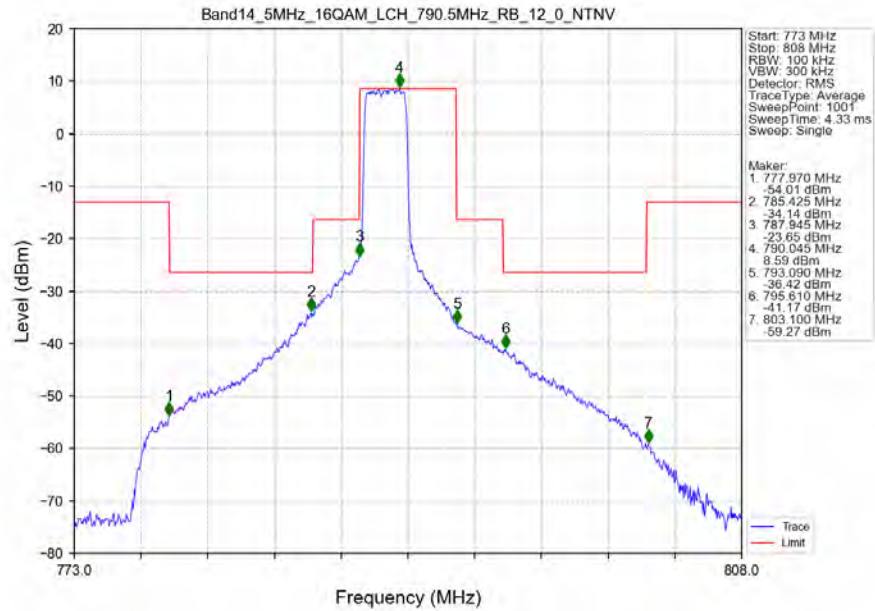
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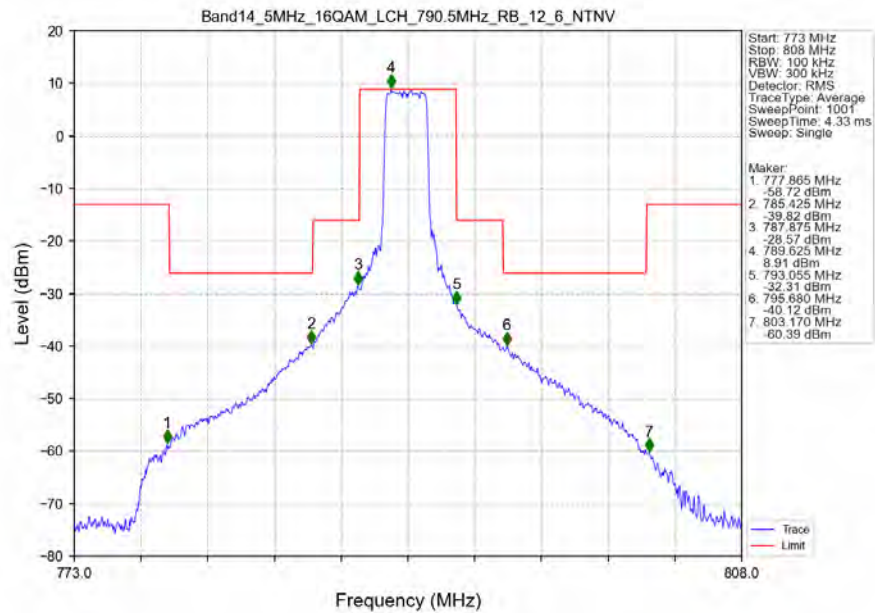
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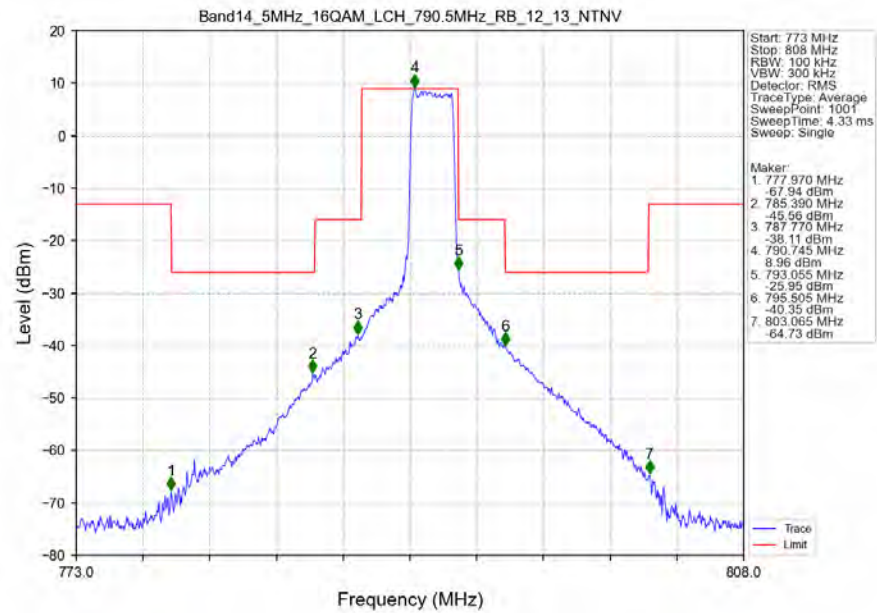
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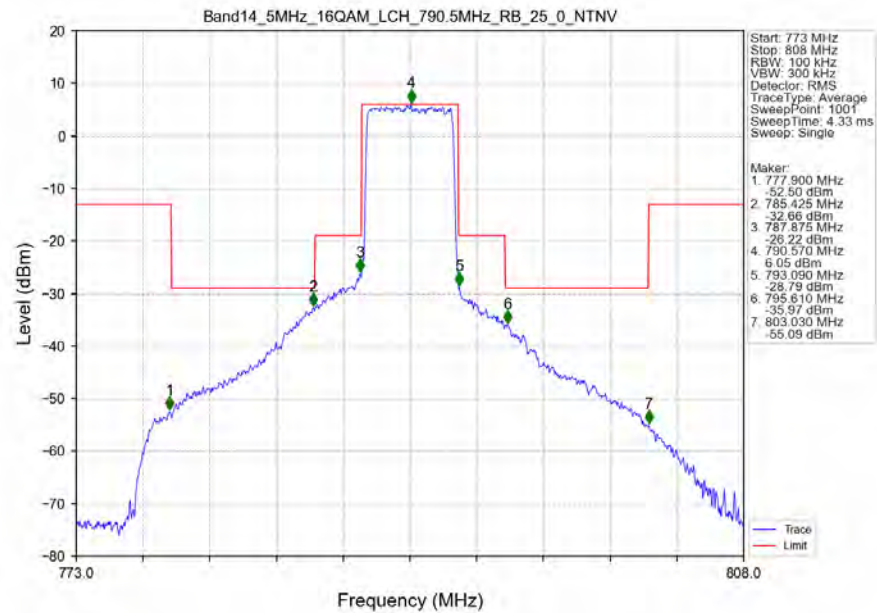
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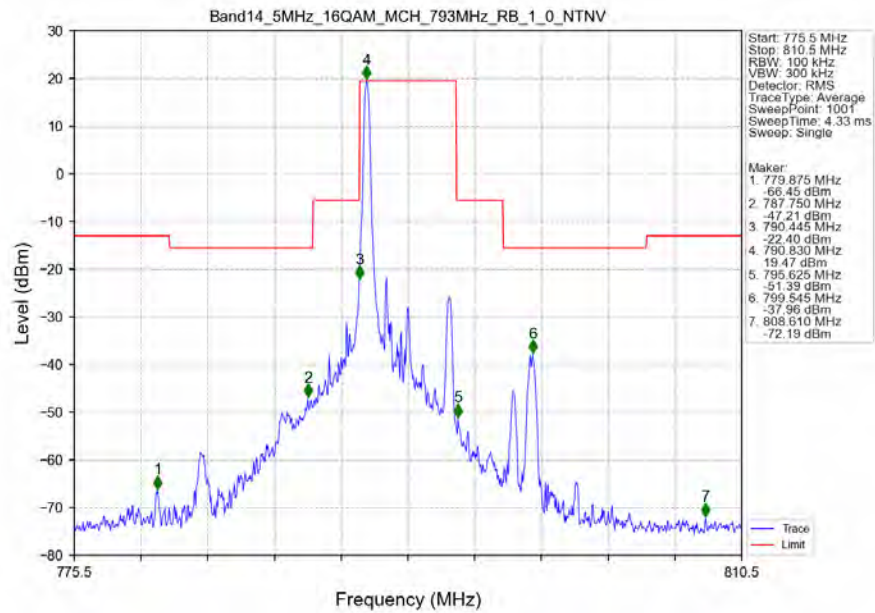
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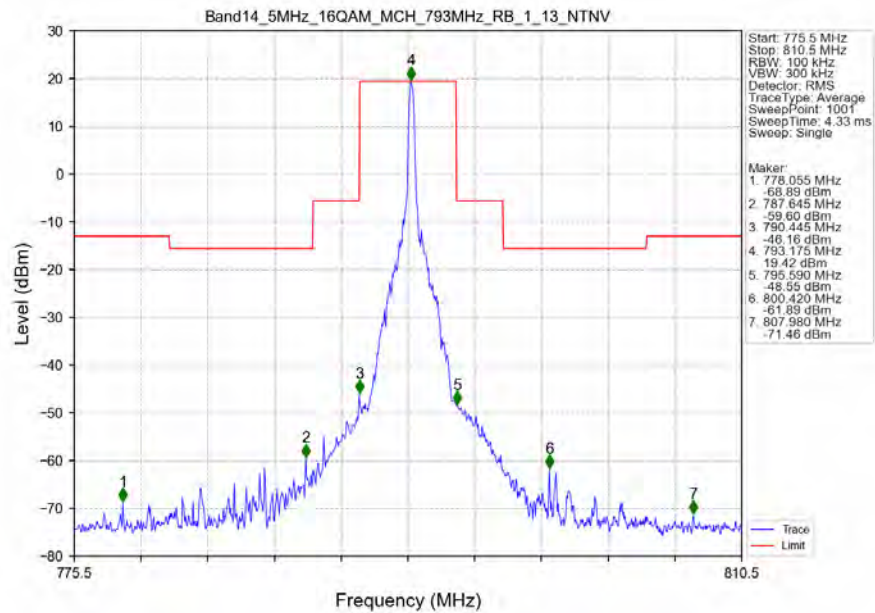
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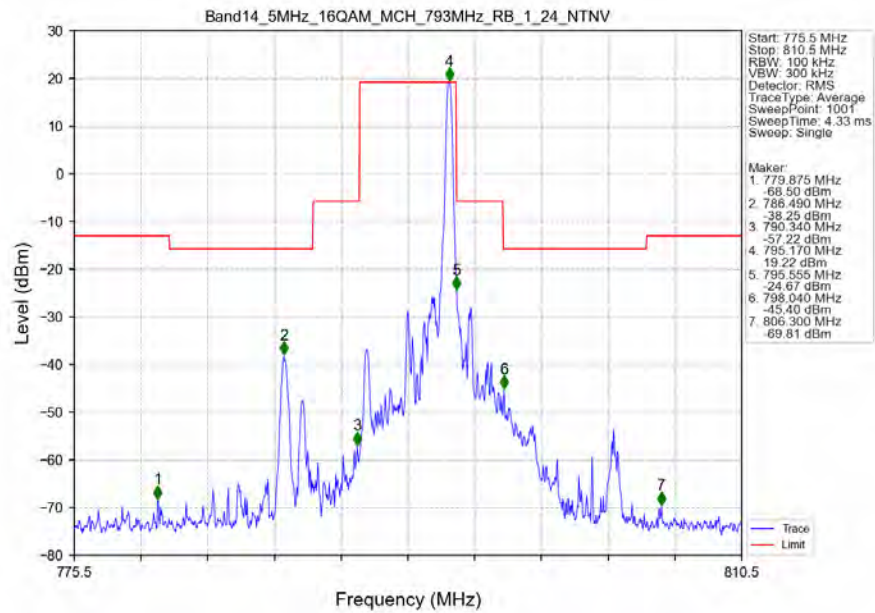
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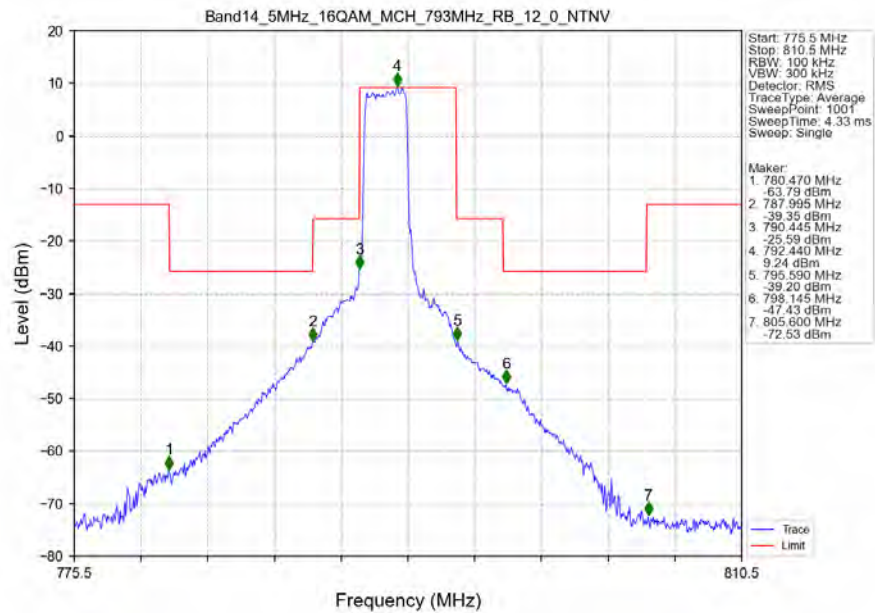
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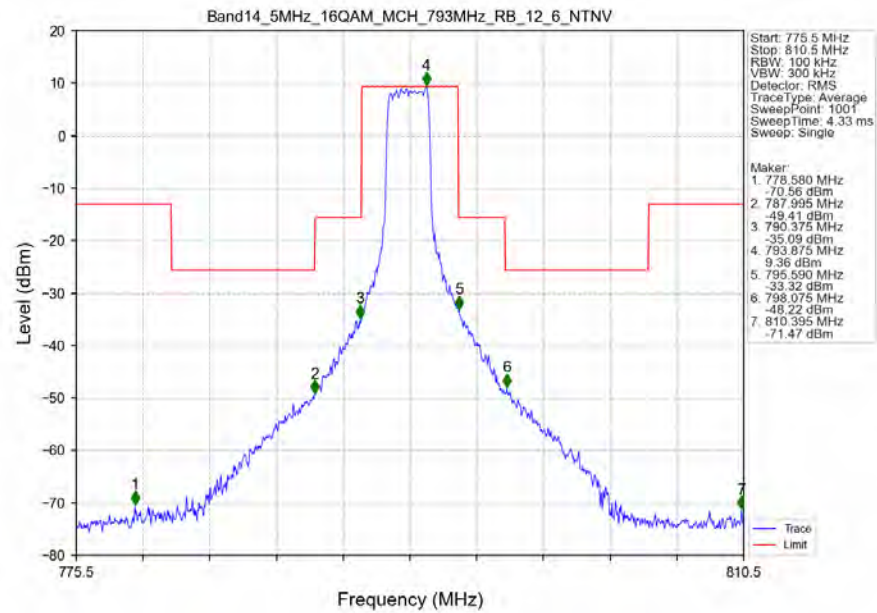
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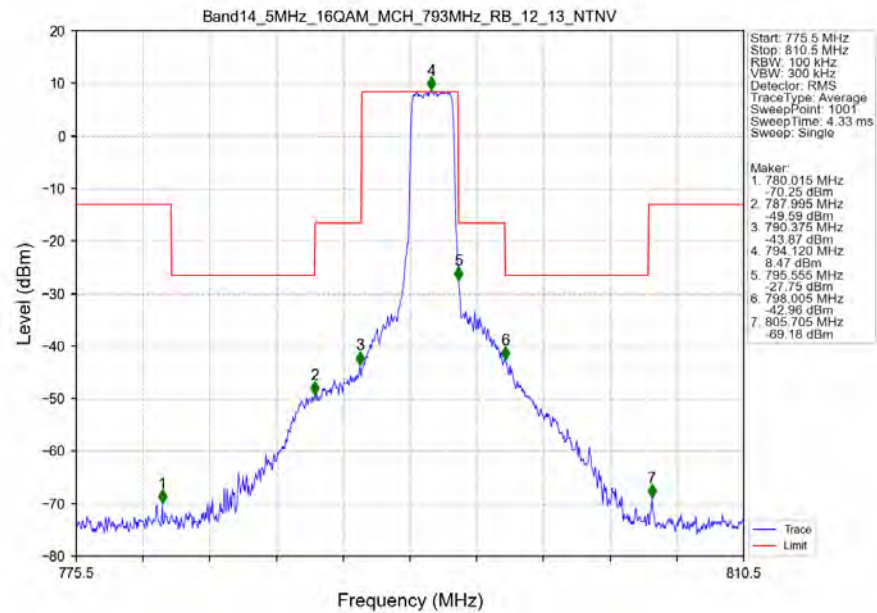
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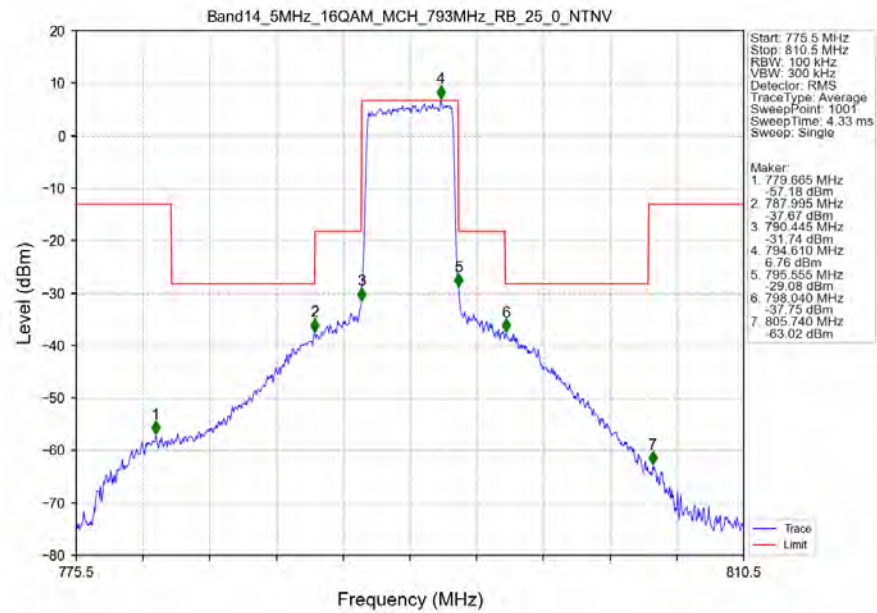
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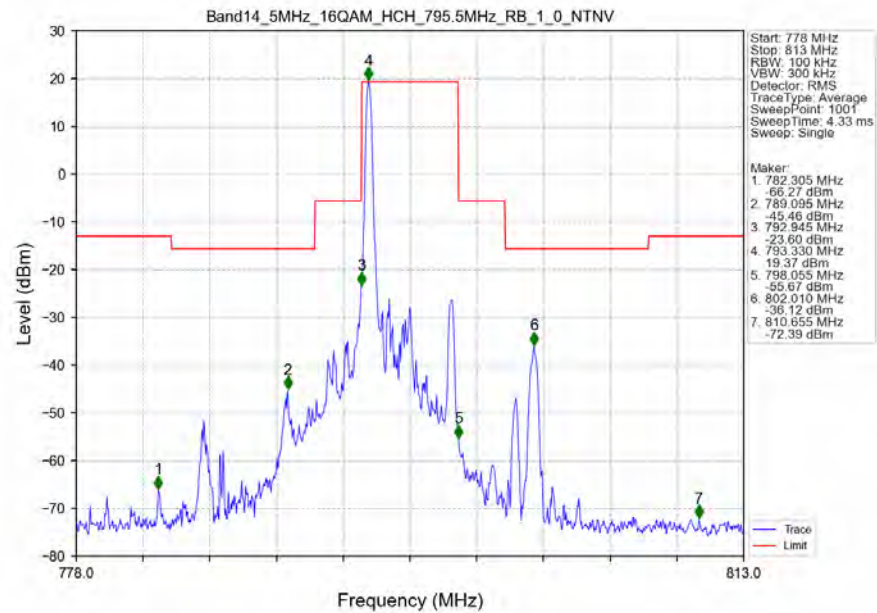
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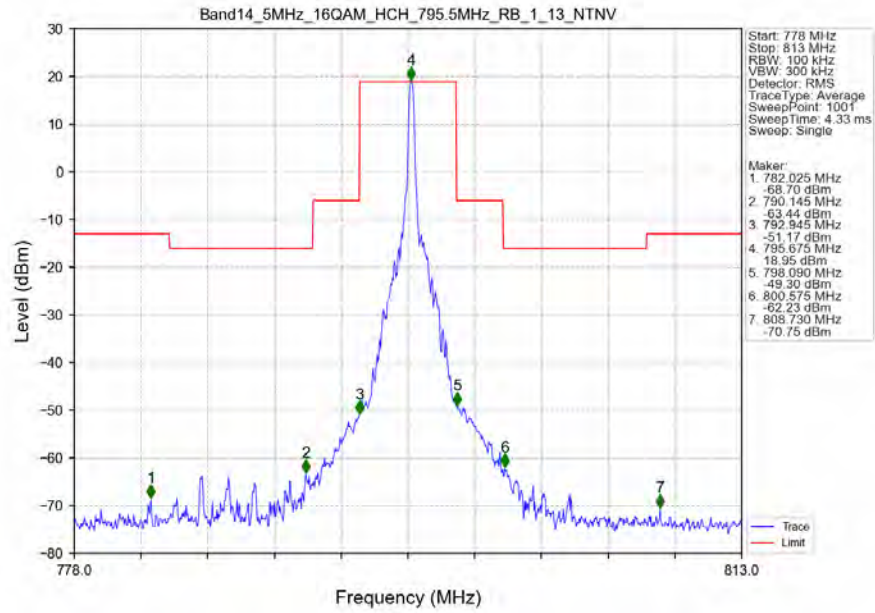
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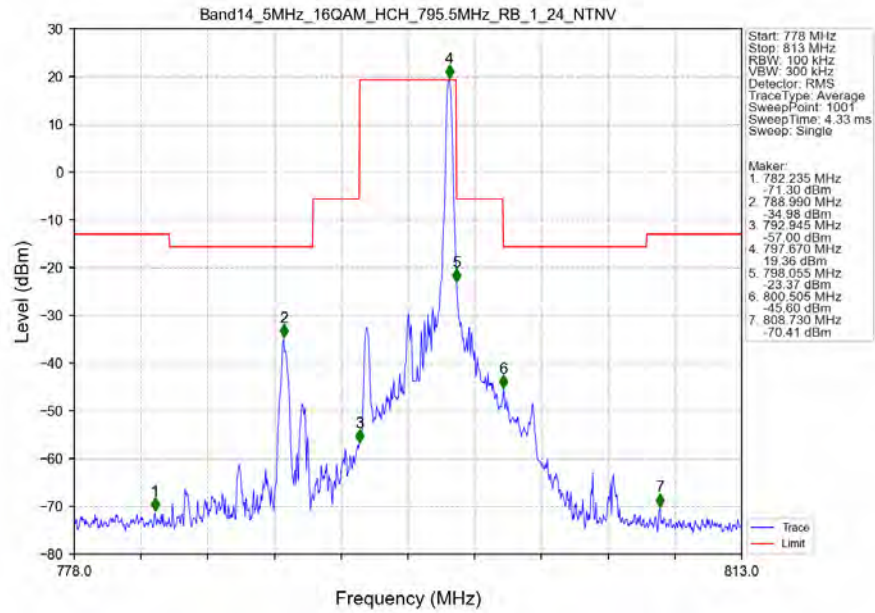
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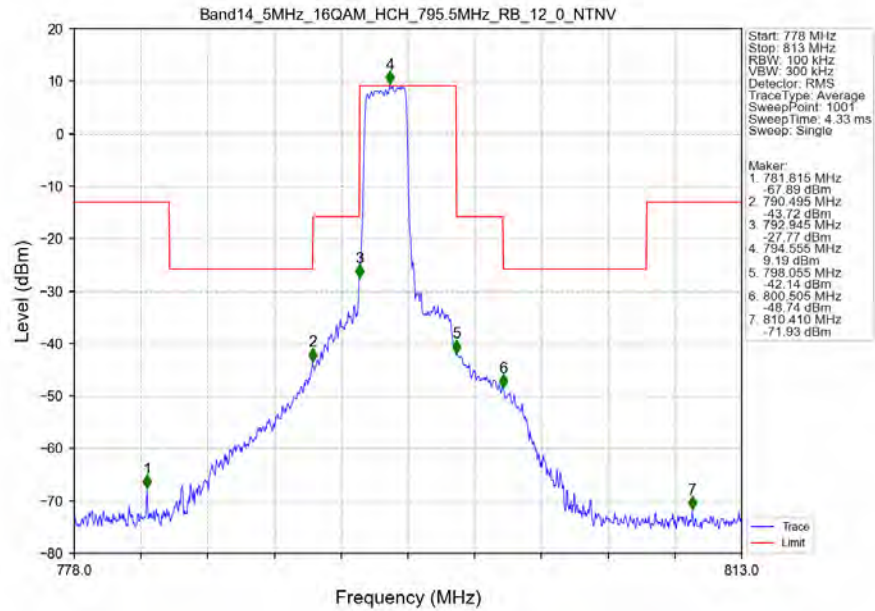
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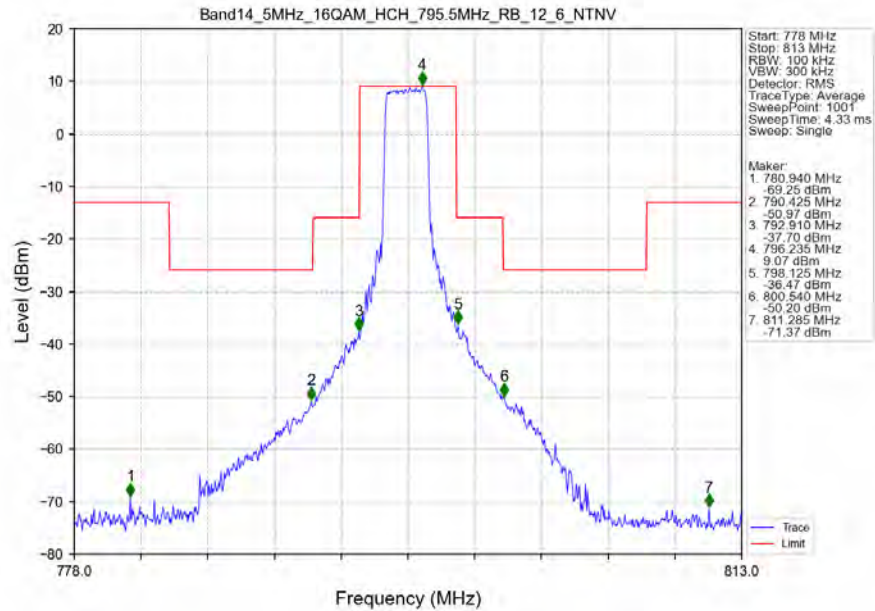
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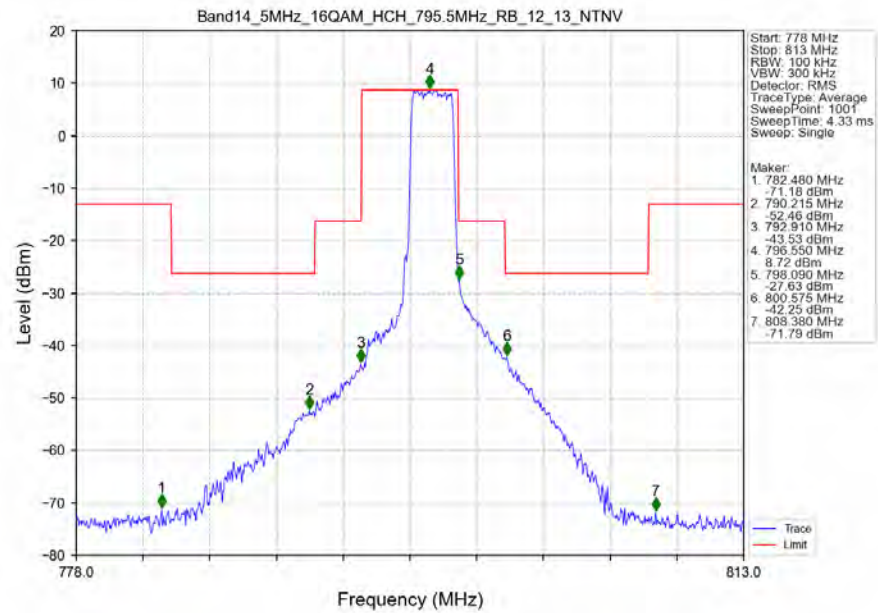
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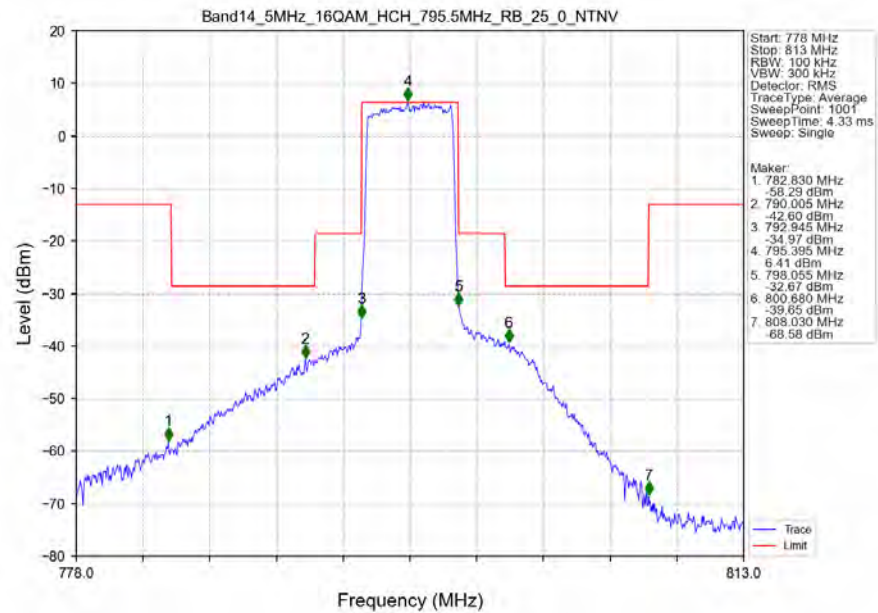
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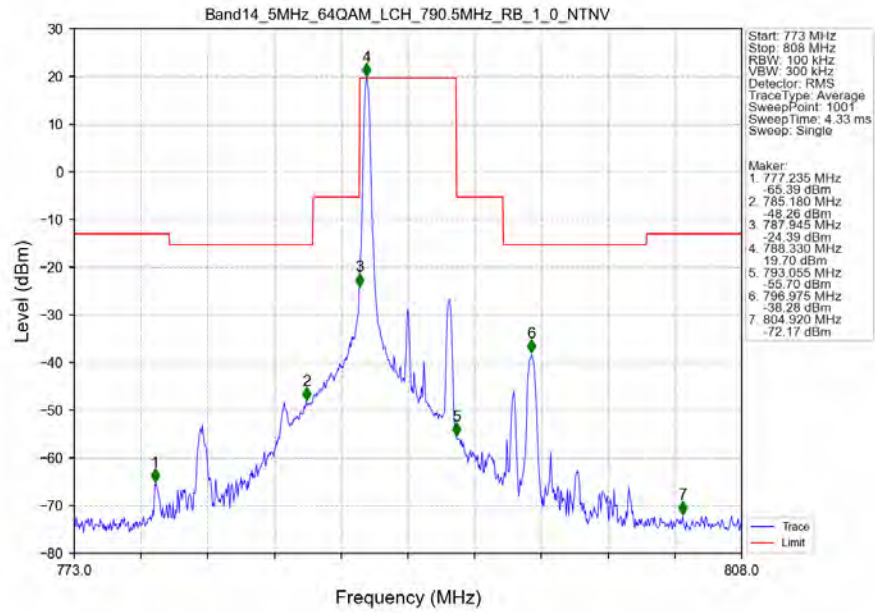
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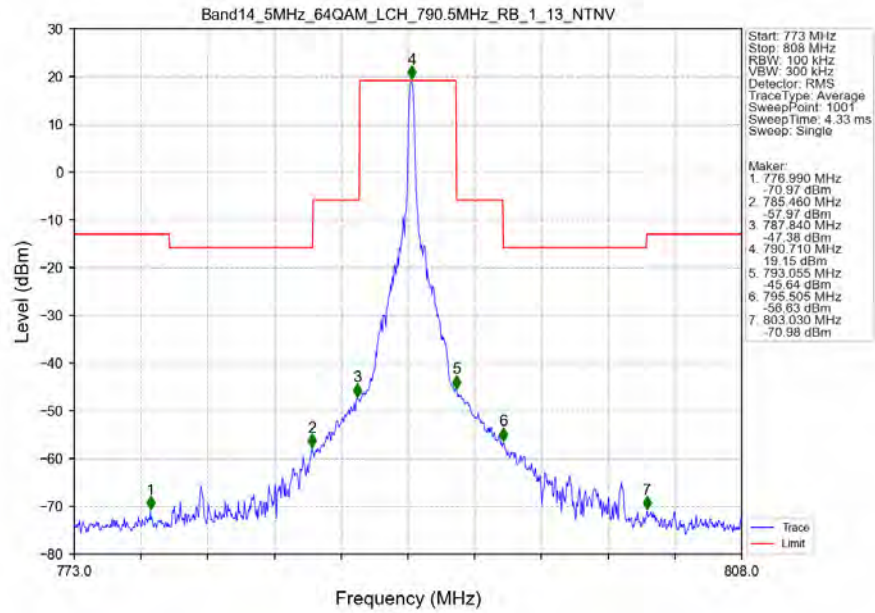
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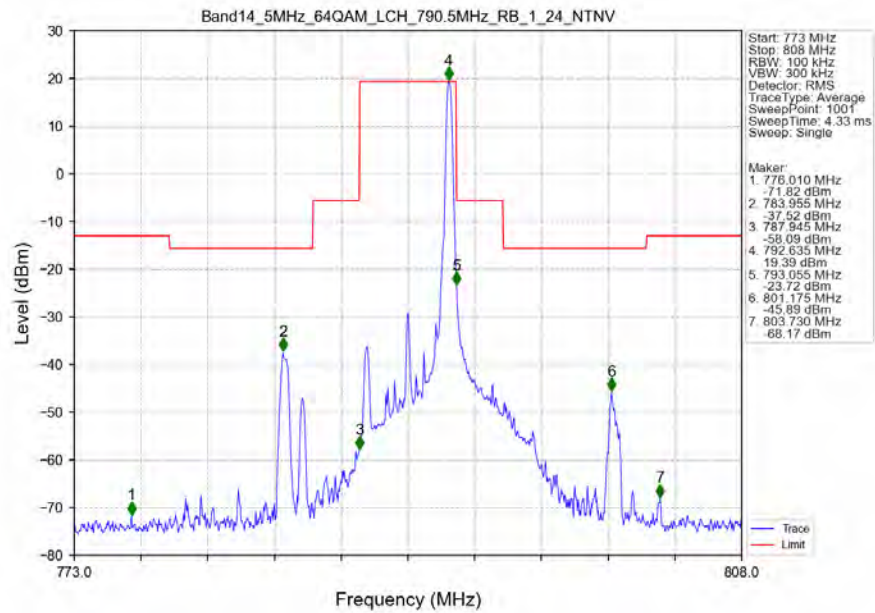
Band14 5MHz 64QAM LCH 790.5MHz RB 1 0 NTNV



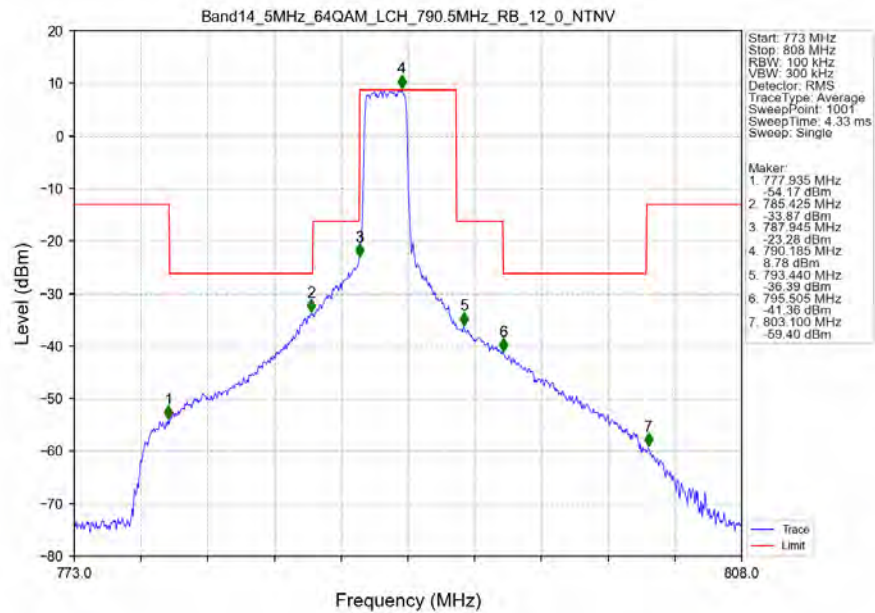
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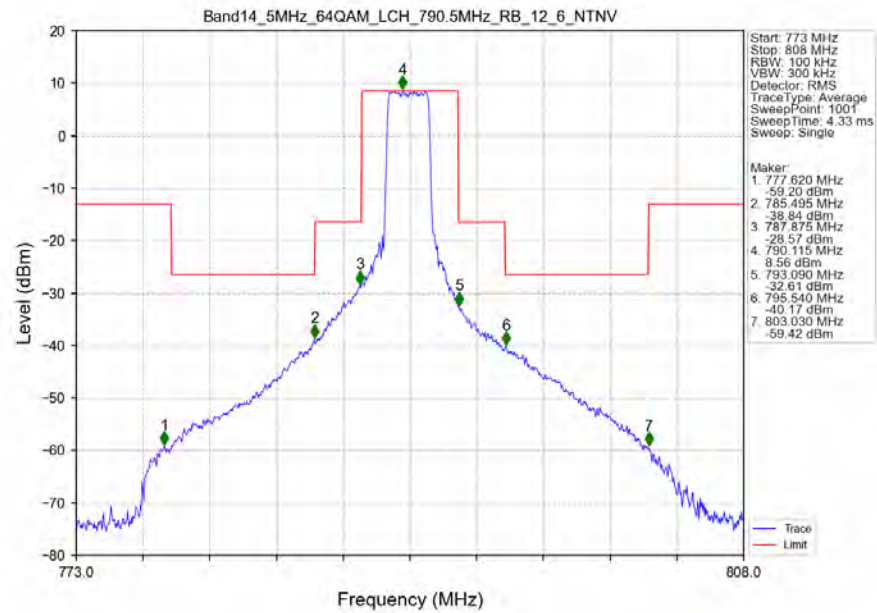
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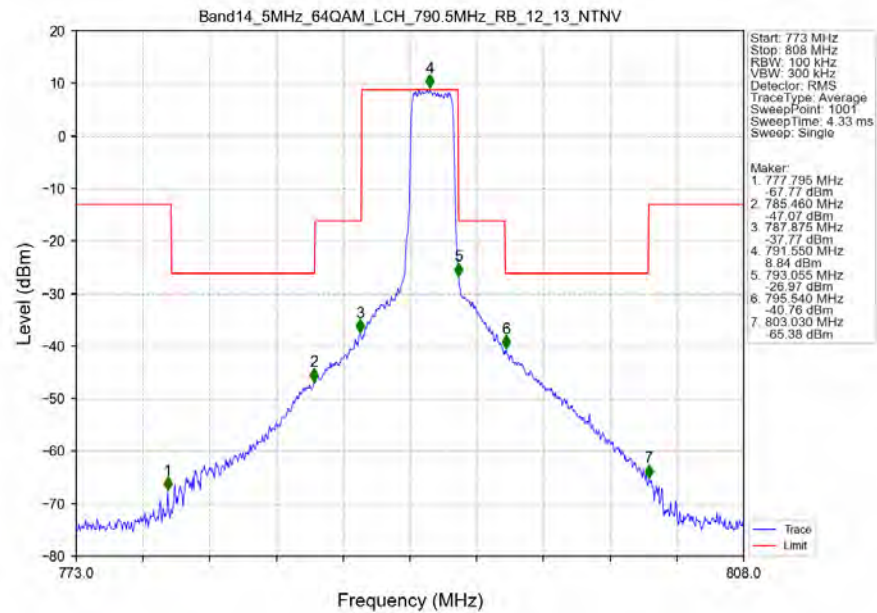
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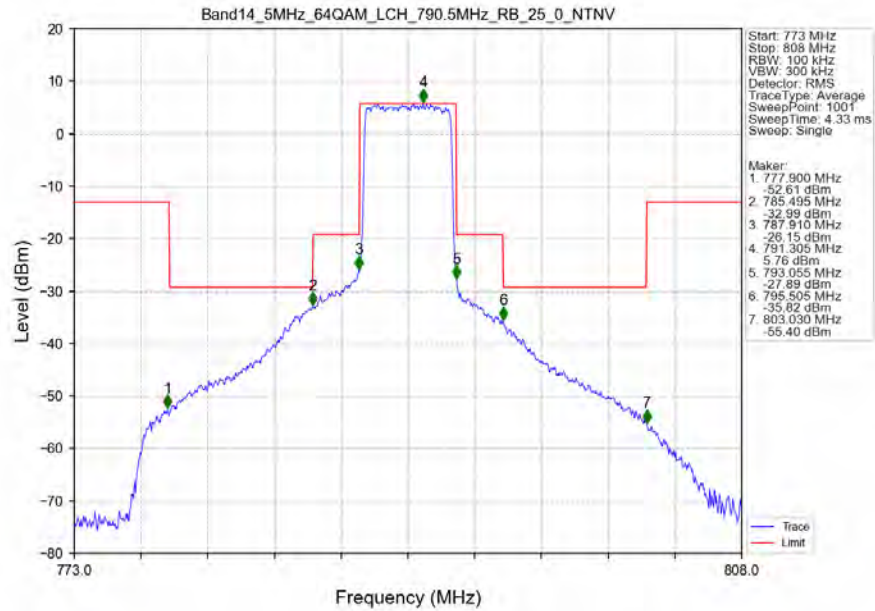
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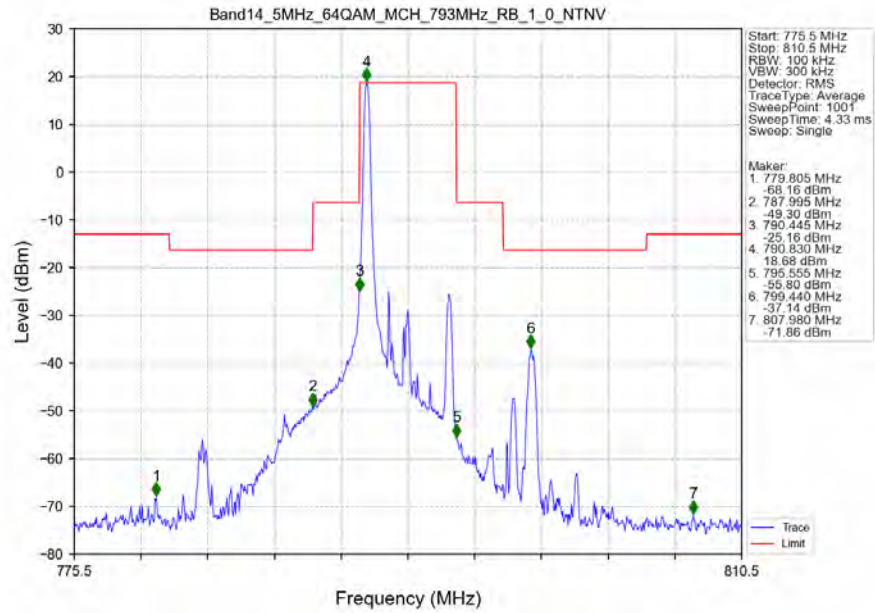
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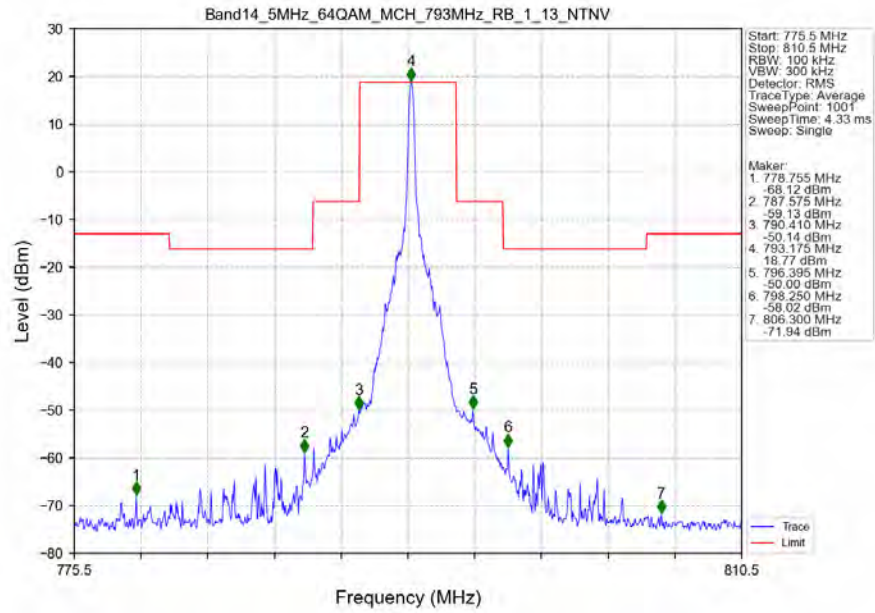
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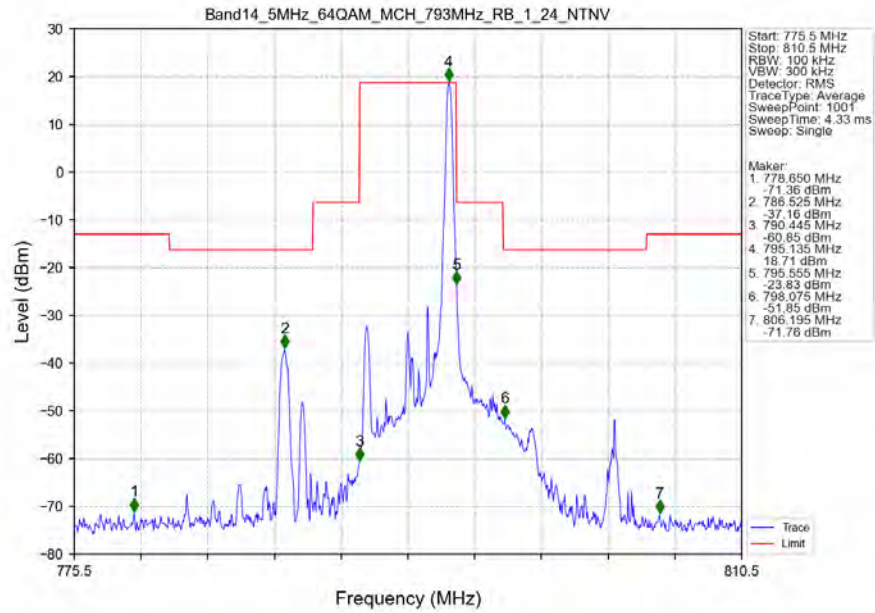
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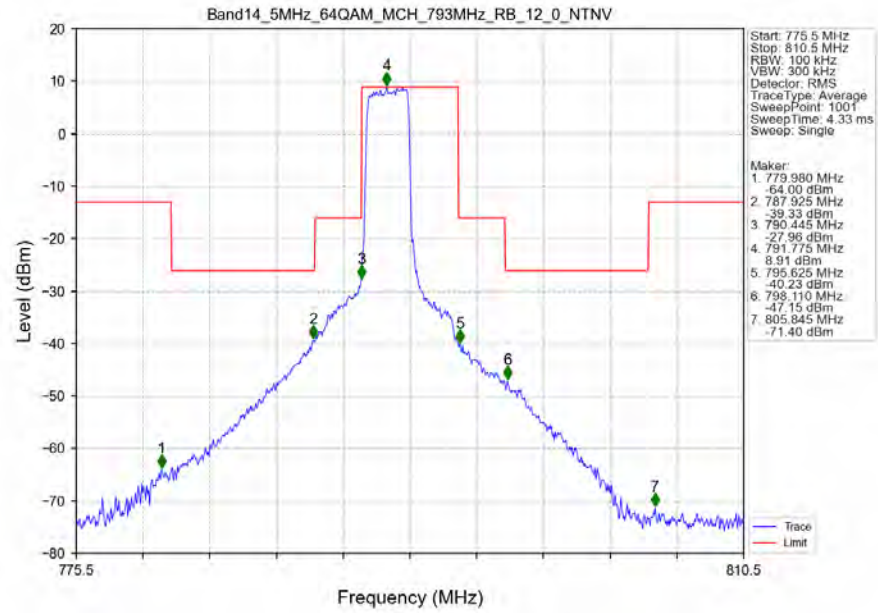
Band14 5MHz 64QAM MCH 793MHz RB 1 13 NTNV



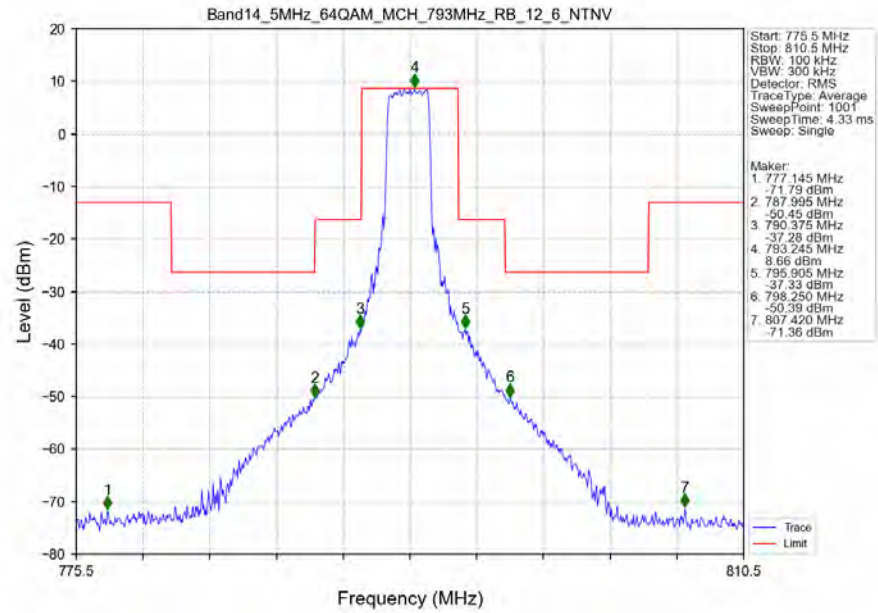
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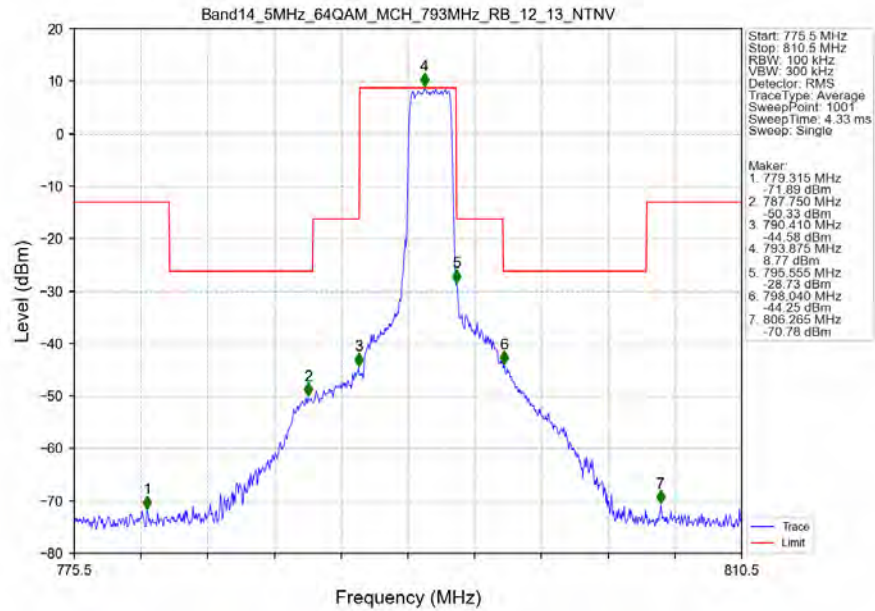
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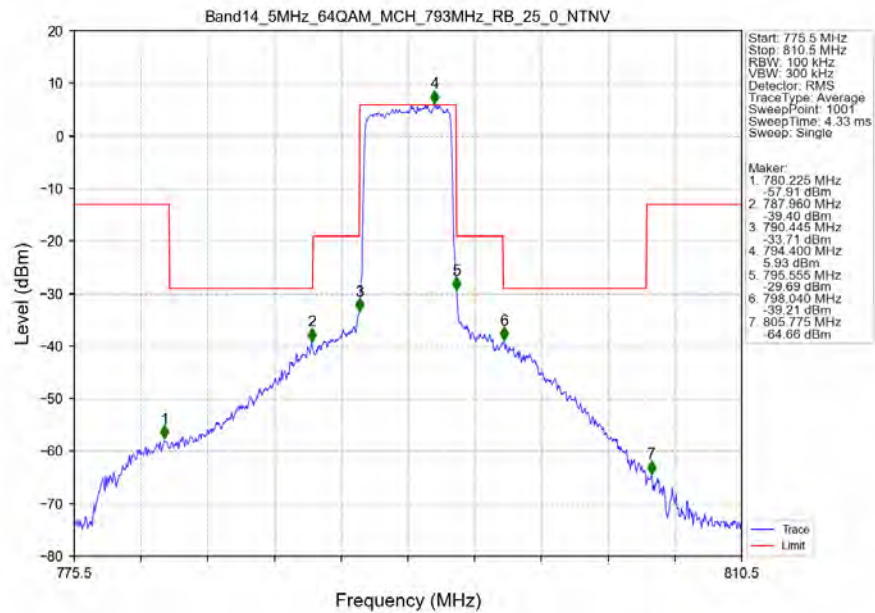
Band14 5MHz 64QAM MCH 793MHz RB 12 6 NTN



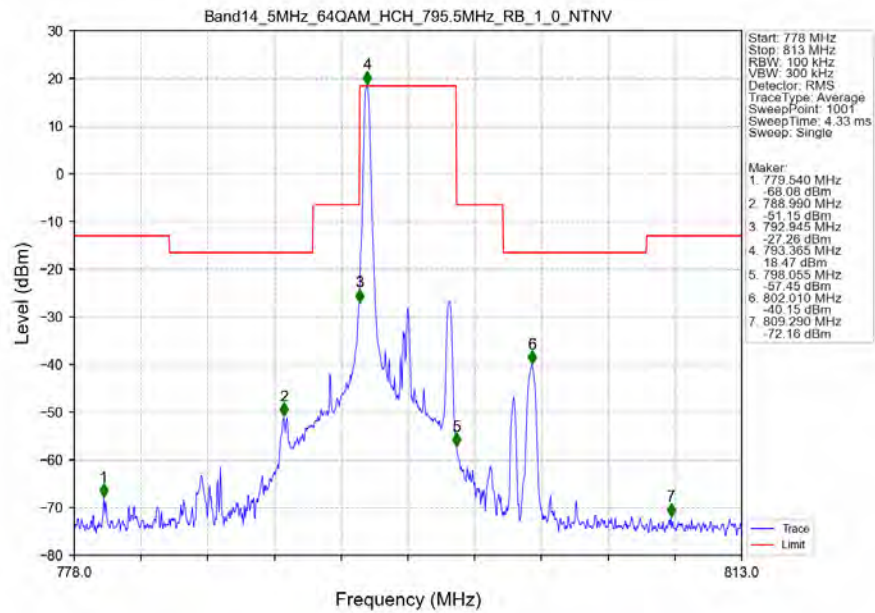
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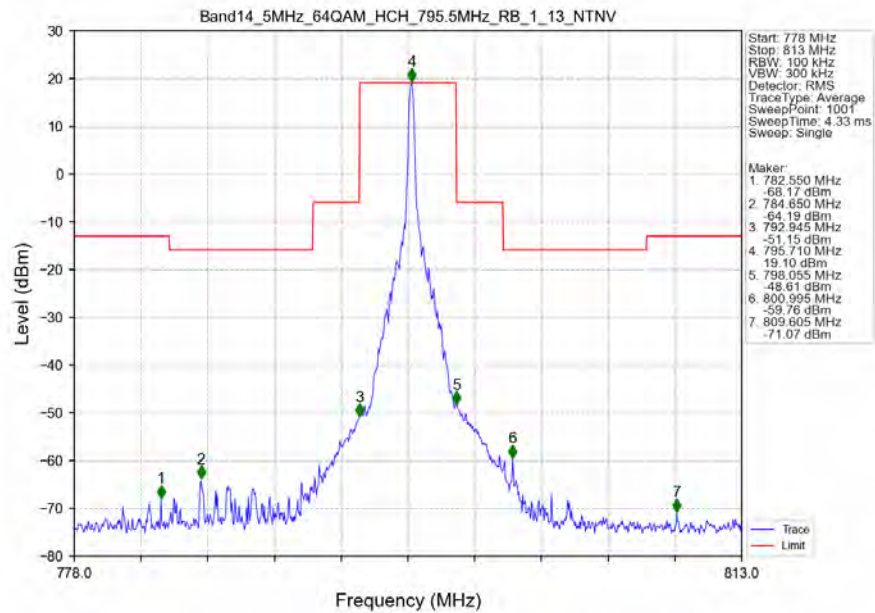
Band14 5MHz 64QAM MCH 793MHz_RB_25_0_NTNV



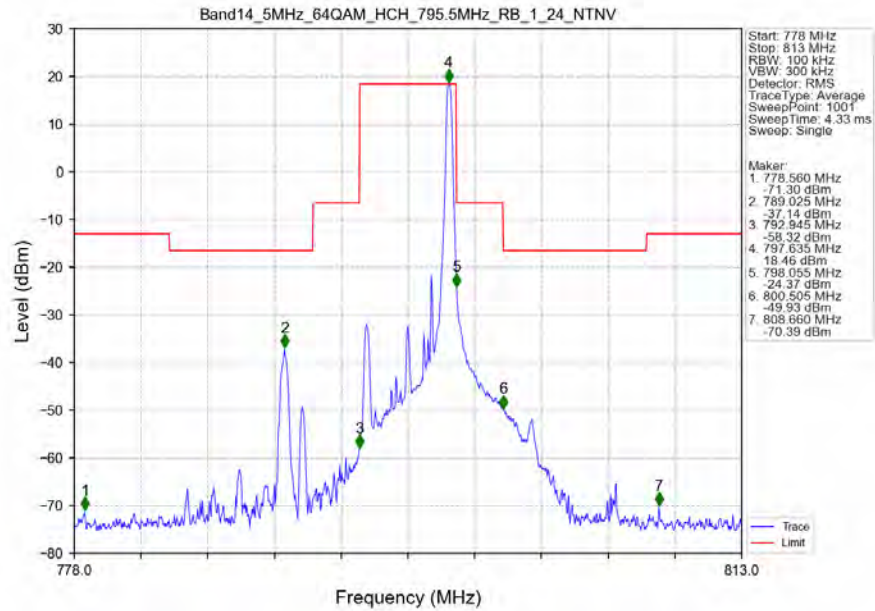
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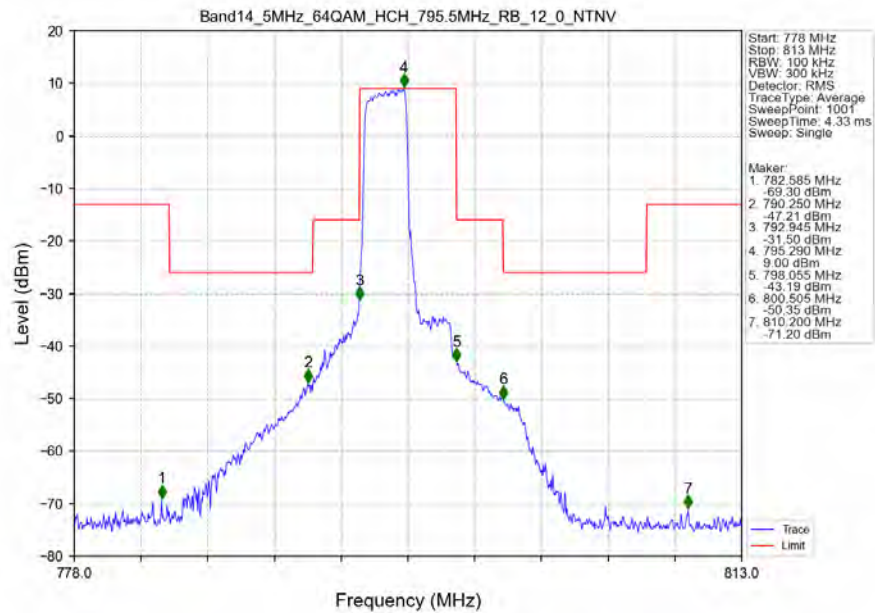
Band14 5MHz 64QAM HCH 795.5MHz RB 1 13 NTV



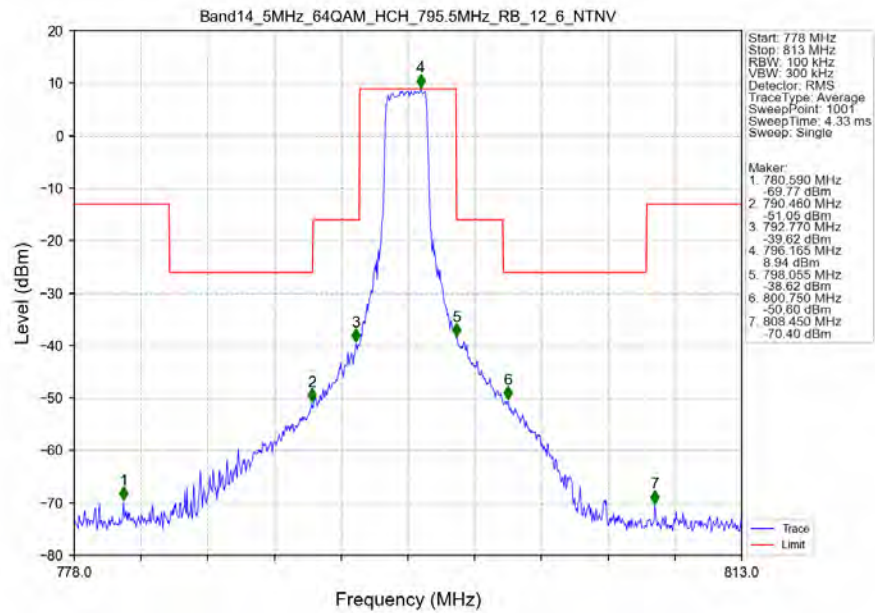
Band14 5MHz 64QAM HCH 795.5MHz RB 1 24 NTV



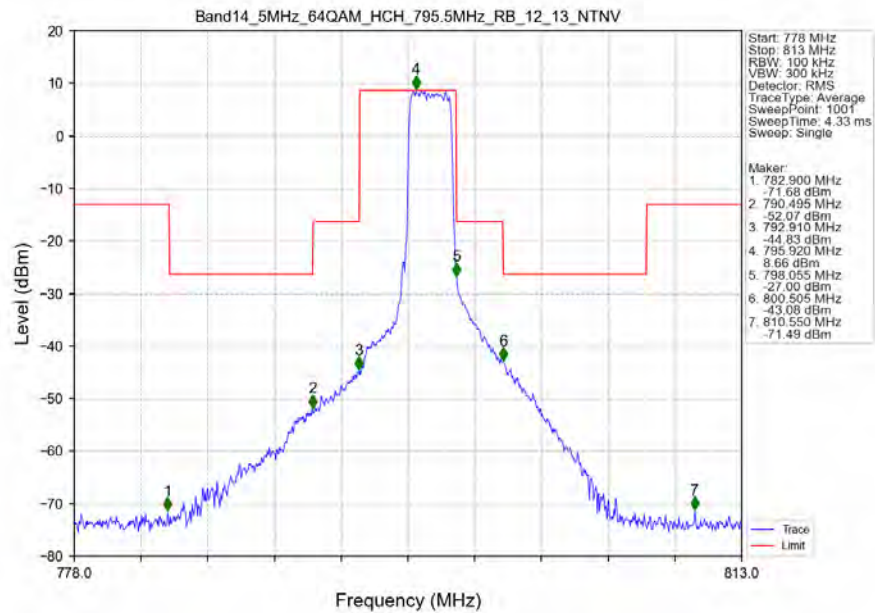
Band14 5MHz 64QAM HCH 795.5MHz RB 12 0 NTV



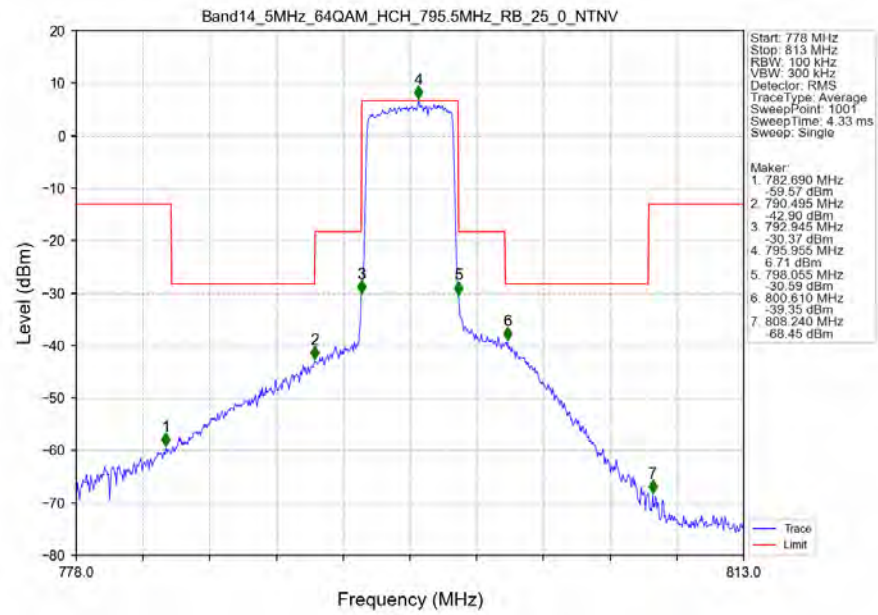
Band14 5MHz 64QAM HCH 795.5MHz RB 12 6 NTNV



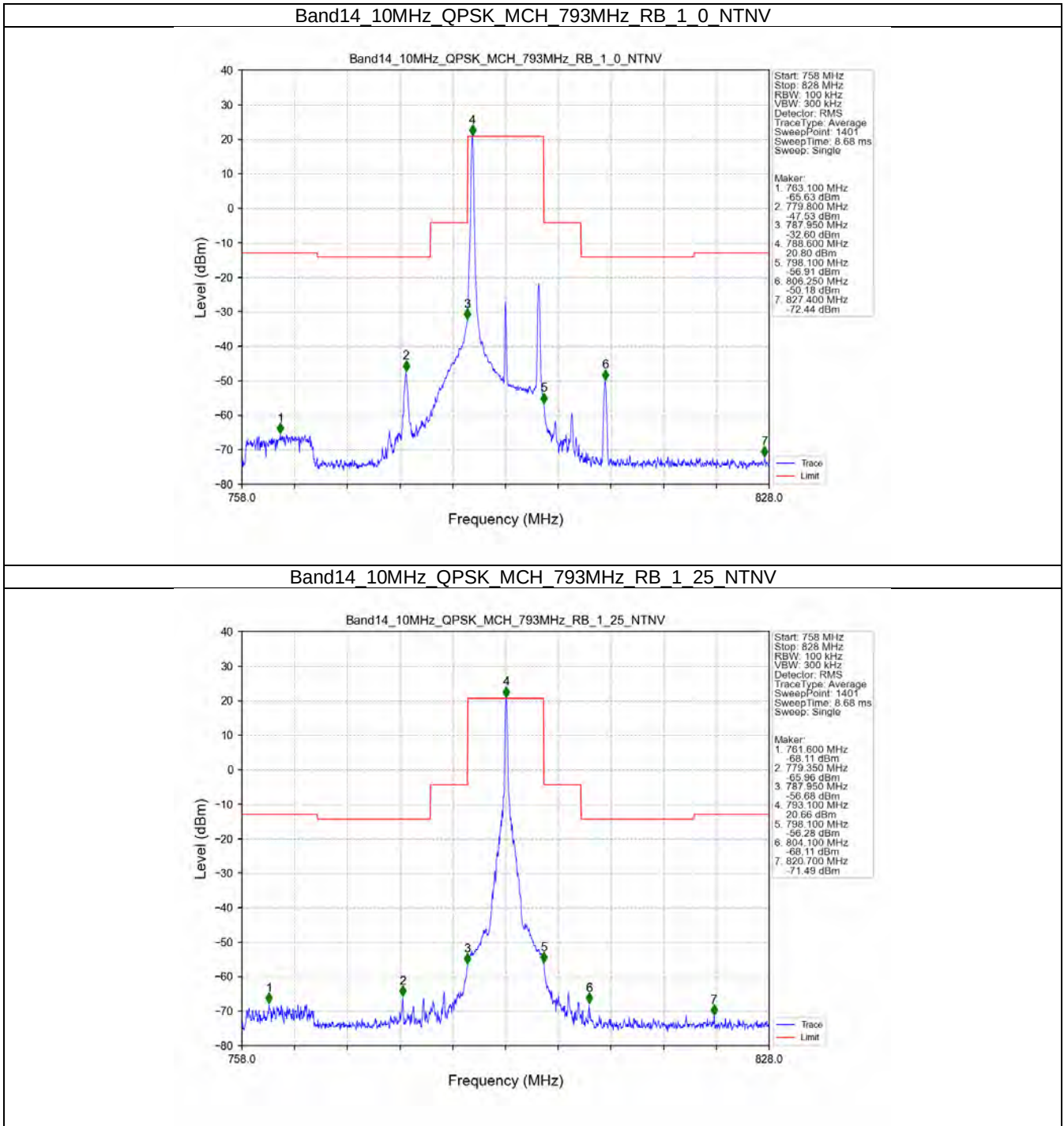
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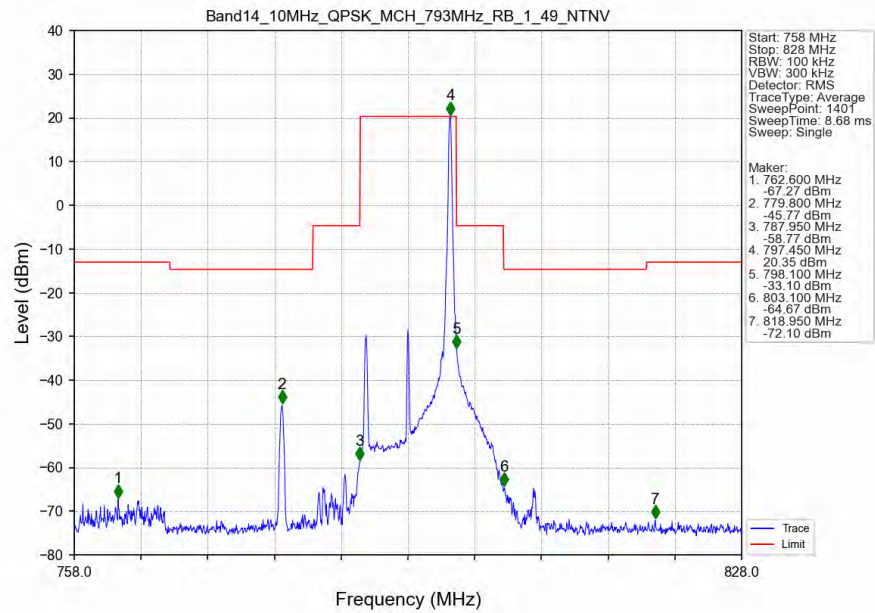
Band14 5MHz 64QAM HCH 795.5MHz RB 25 0 NTV



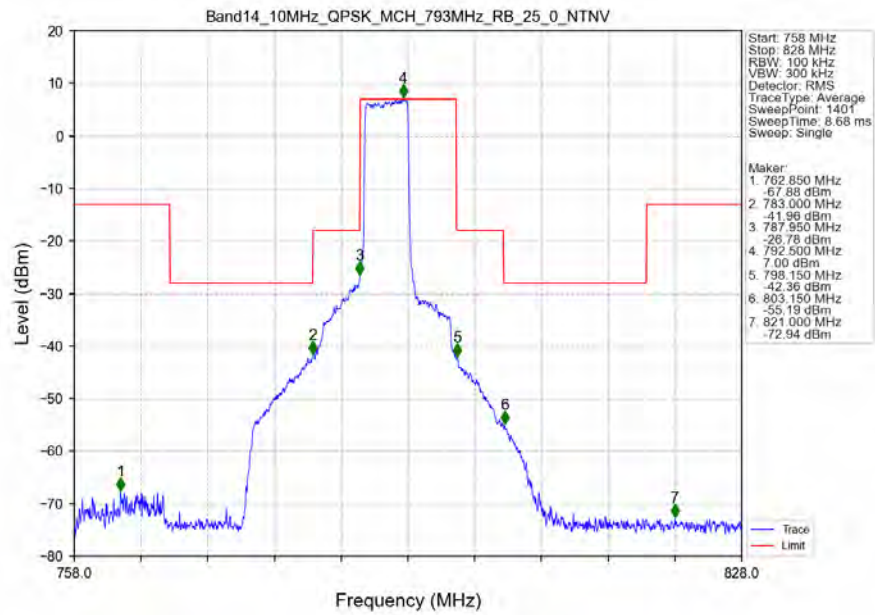
6.2.2 B14_10MHz



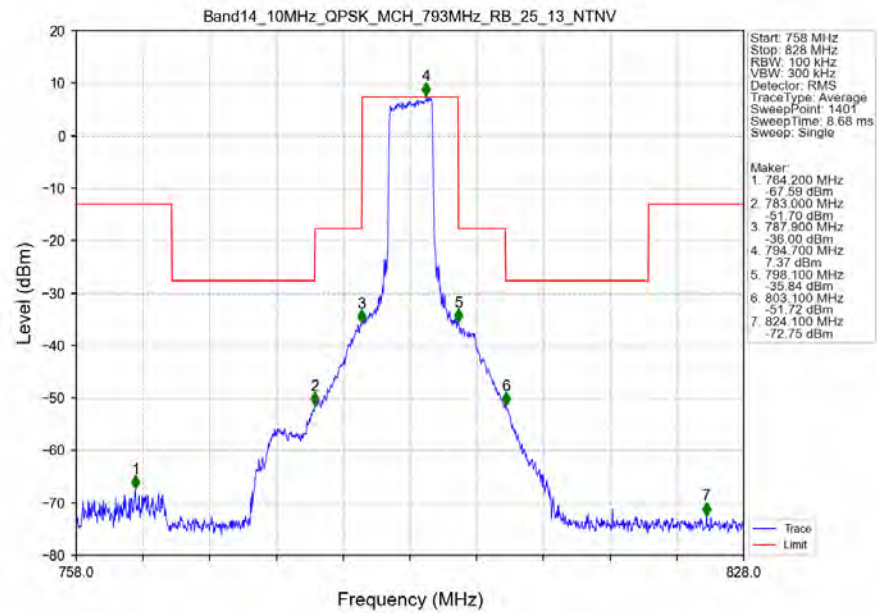
Band14 10MHz QPSK MCH 793MHz RB 1 49 NTNV



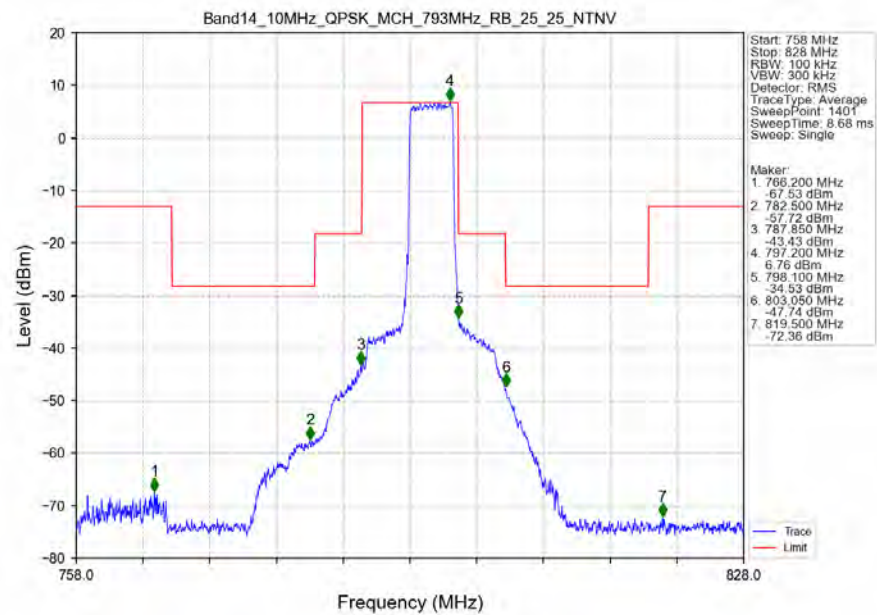
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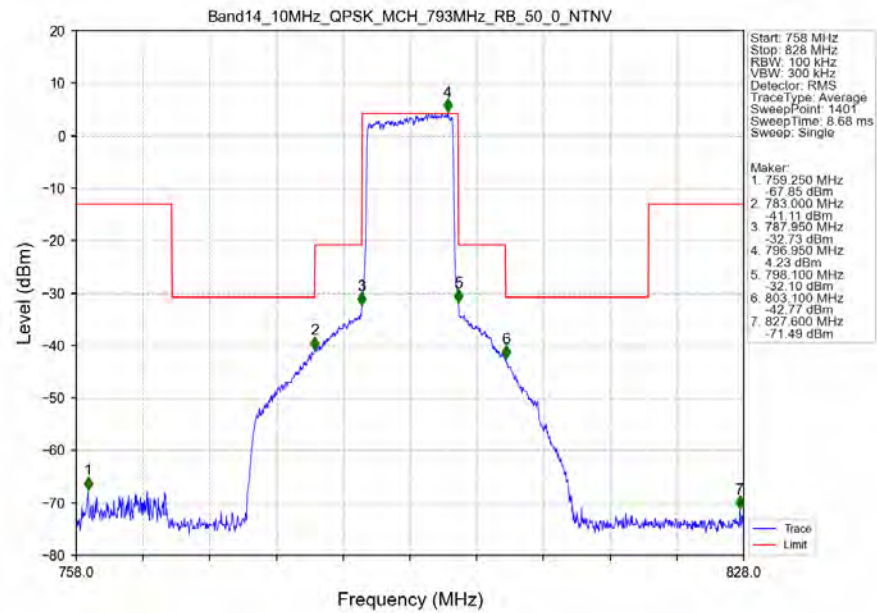
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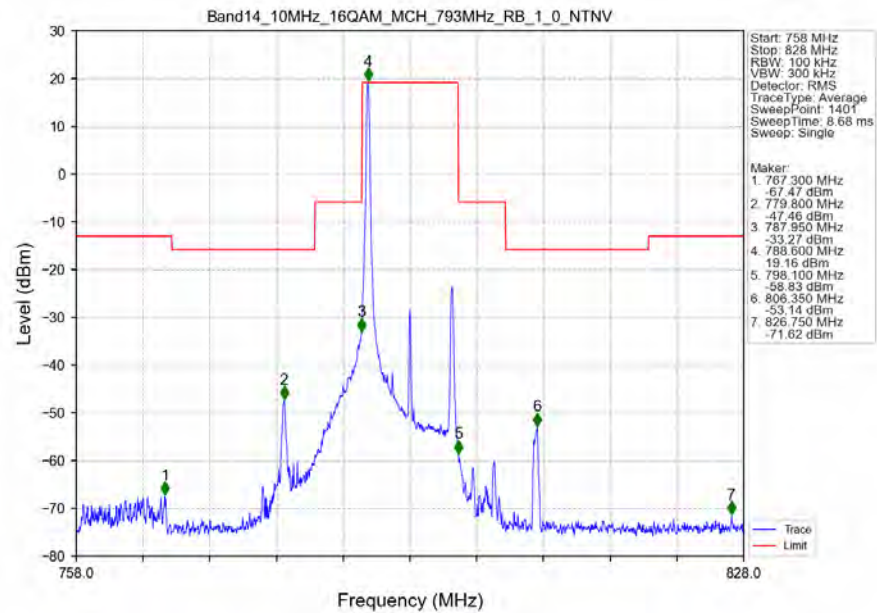
Band14 10MHz QPSK MCH 793MHz RB 25 25 NTNV



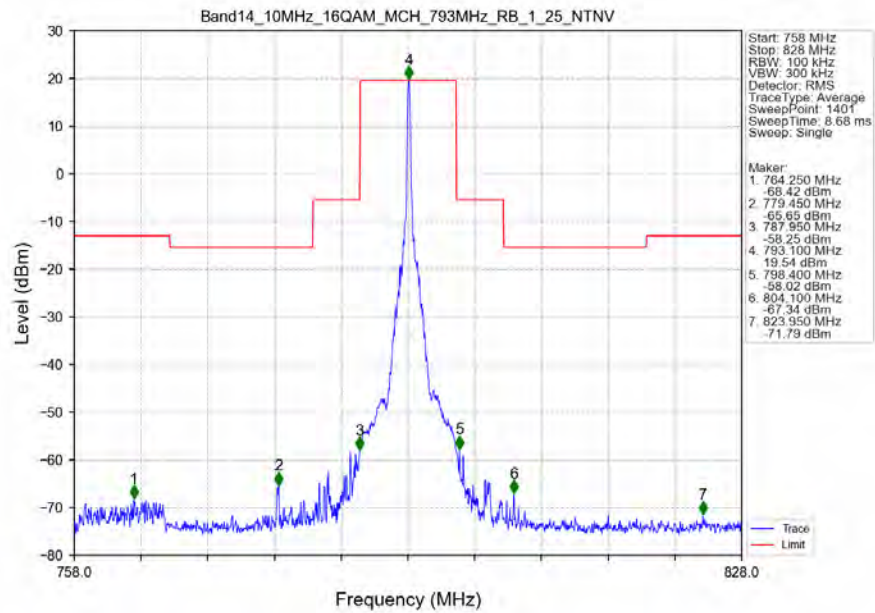
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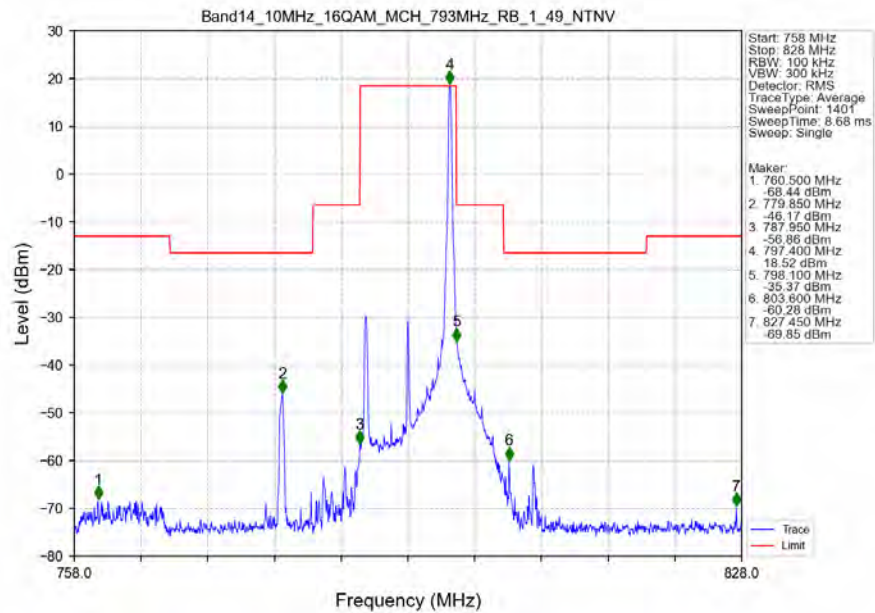
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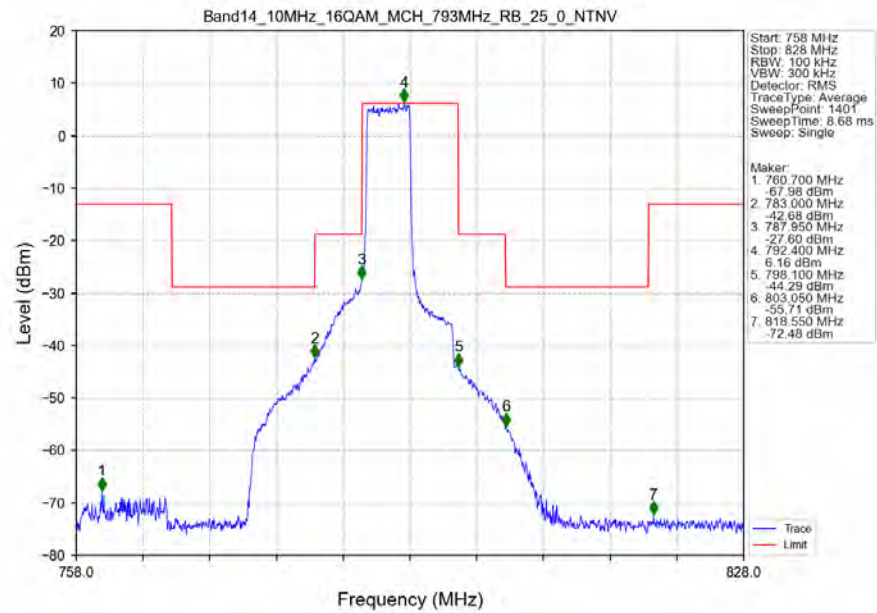
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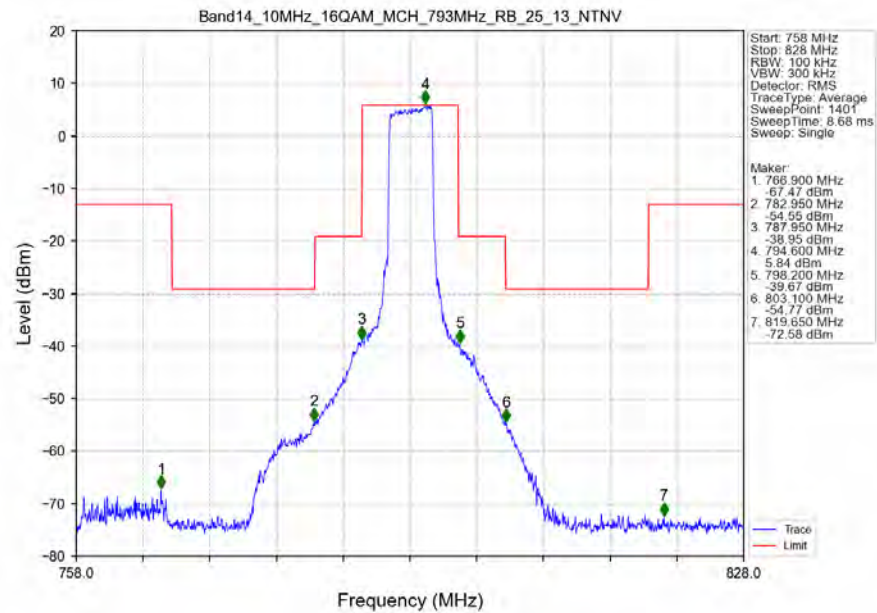
Band14 10MHz 16QAM MCH 793MHz RB 1 49 NTNV



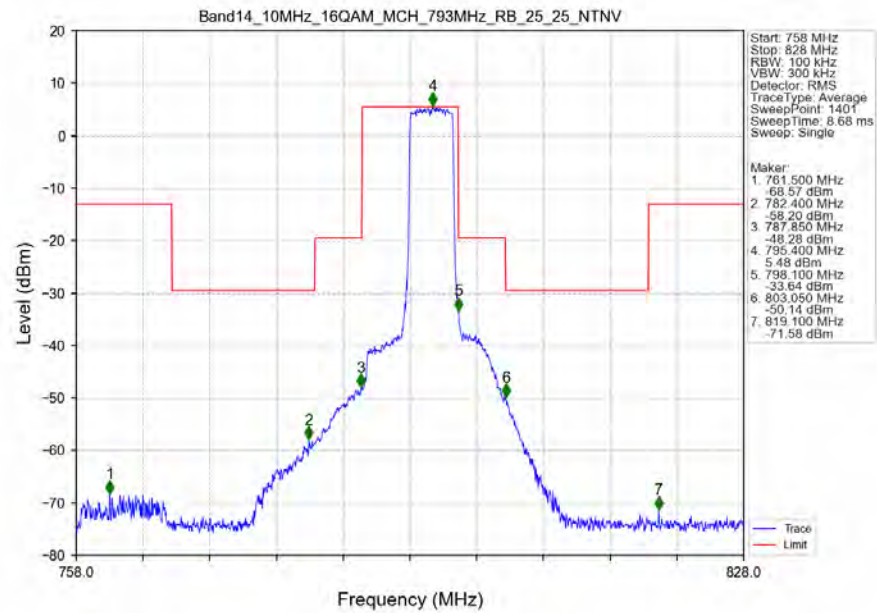
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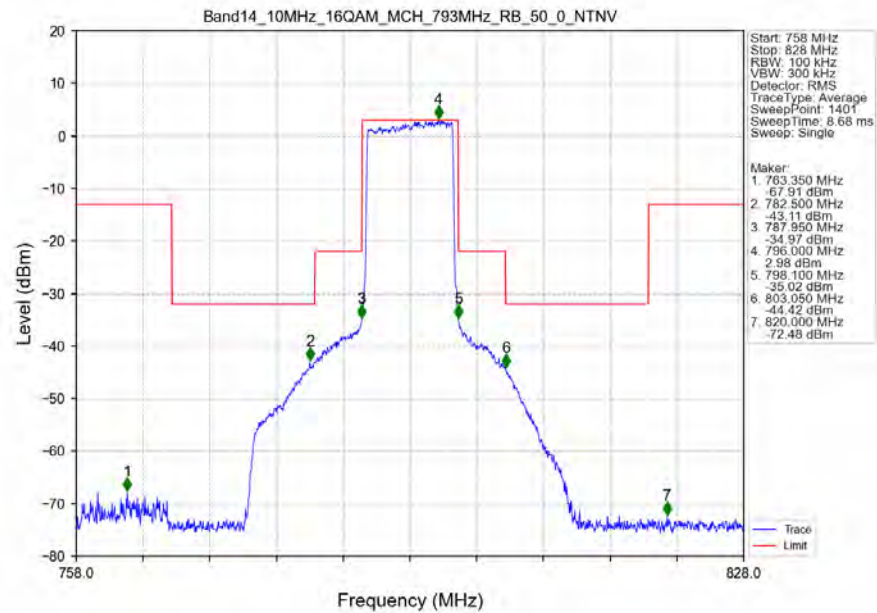
Band14 10MHz 16QAM MCH 793MHz RB 25 13 NTN



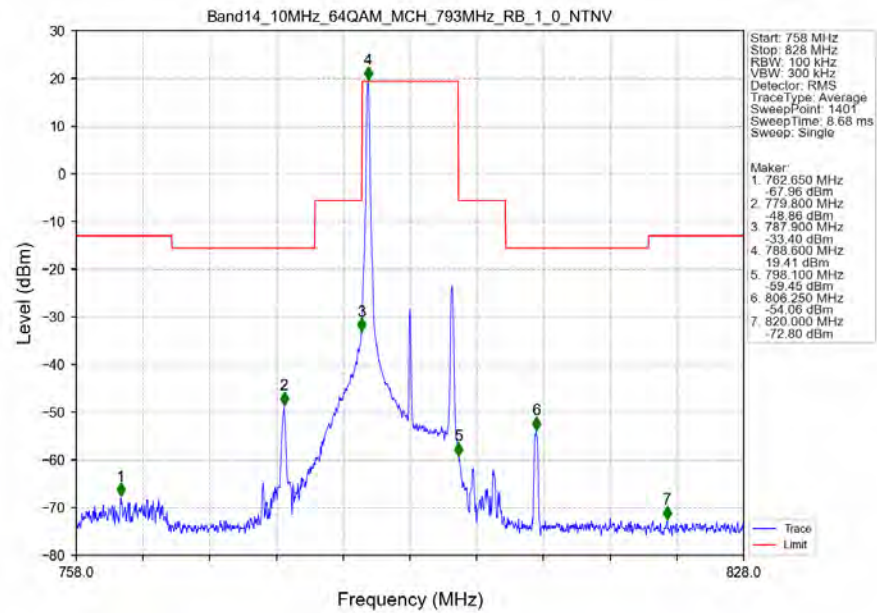
Band14 10MHz 16QAM MCH 793MHz RB 25 25 NTNV



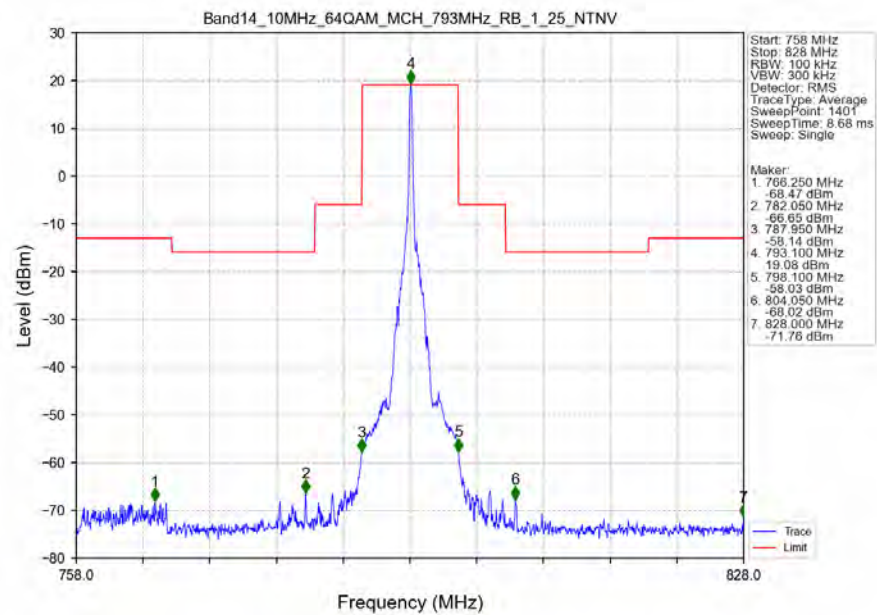
Band14 10MHz 16QAM MCH 793MHz RB 50 0 NTNV



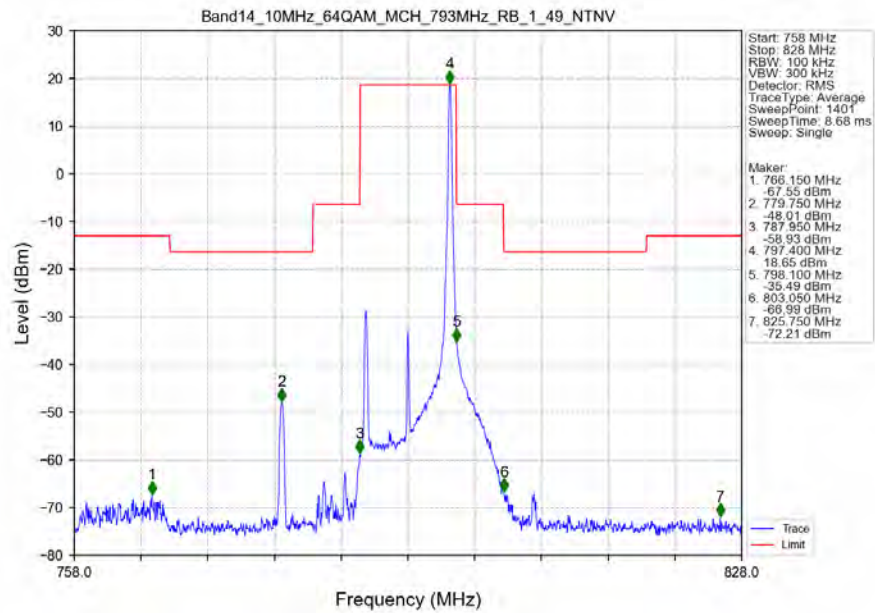
Band14_10MHz_64QAM_MCH_793MHz_RB_1_0_NTNV



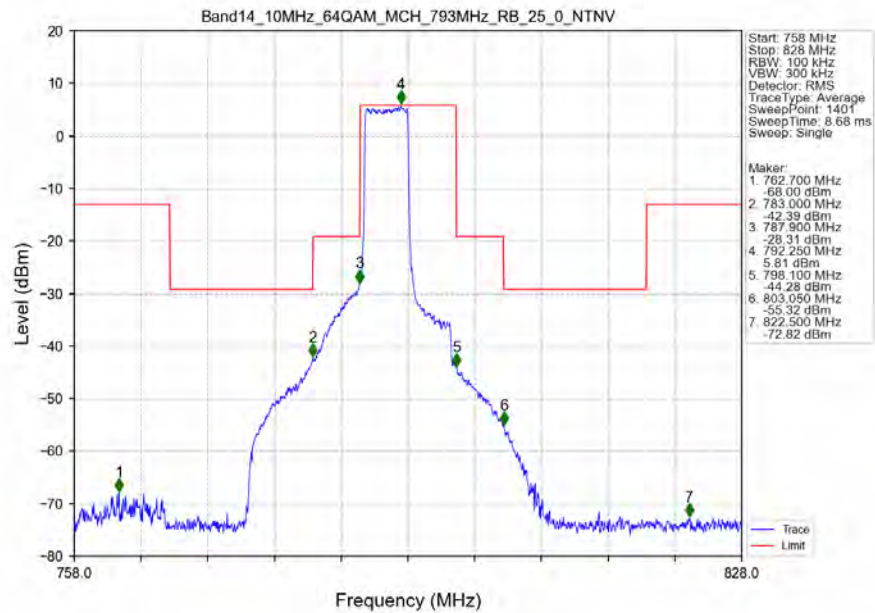
Band14_10MHz_64QAM_MCH_793MHz_RB_1_25_NTNV



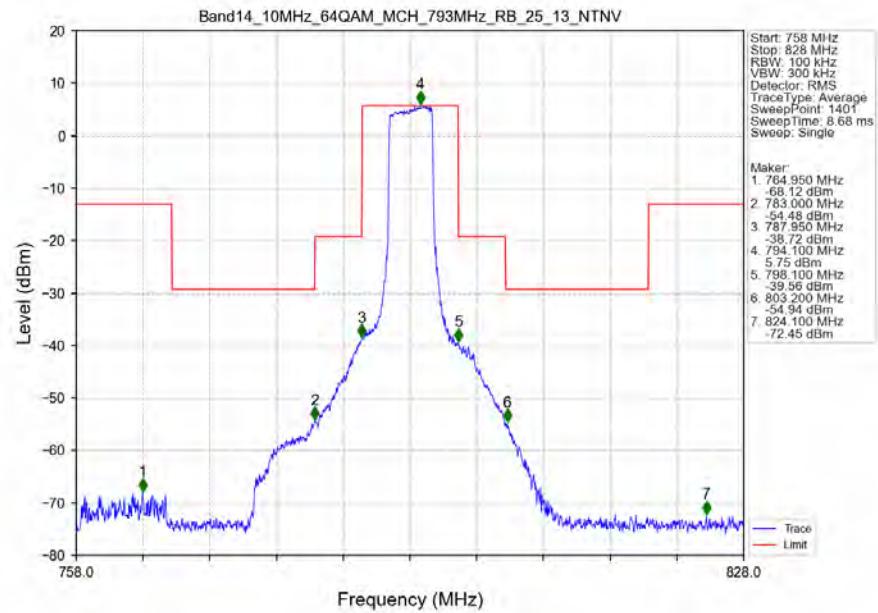
Band14 10MHz 64QAM MCH 793MHz RB 1 49 NTNV



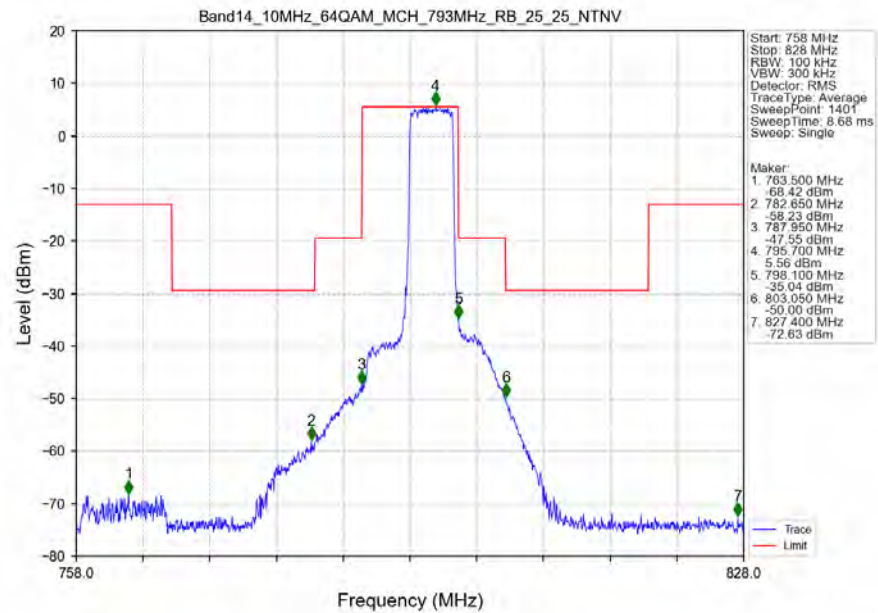
Band14 10MHz 64QAM MCH 793MHz RB 25 0 NTNV



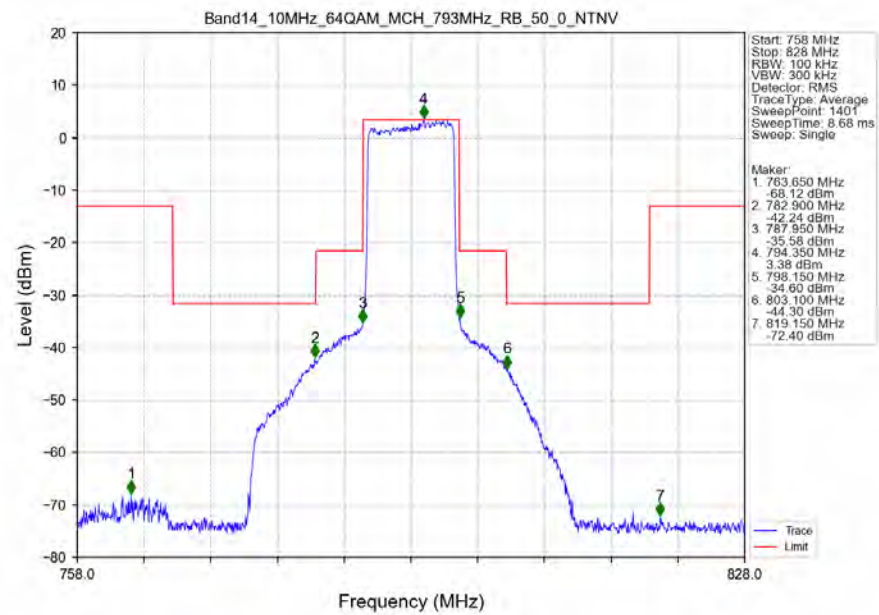
Band14 10MHz 64QAM MCH 793MHz RB 25 13 NTNV



Band14 10MHz 64QAM MCH 793MHz RB 25 25 NTNV



Band14 10MHz 64QAM MCH 793MHz RB 50 0 NTV



7. Field Strength of Spurious Radiation

LTE Band 14-Middle channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1577.0	-63.4	-40	-23.4	-66.49	2.6	5.69	Horizontal	Pass
2365.5	-69.88	-13	-56.88	-72.4	2.98	5.5	Horizontal	Pass
3154.0	-66.67	-13	-53.67	-70.74	3.23	7.3	Horizontal	Pass
1577.0	-62.24	-40	-22.24	-65.33	2.6	5.69	Vertical	Pass
2365.5	-68.77	-13	-55.77	-71.29	2.98	5.5	Vertical	Pass
3154.0	-67.19	-13	-54.19	-71.26	3.23	7.3	Vertical	Pass

LTE Band 14-Low channel, Modulation: QPSK, Bandwidth:5MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1576.5	-64.25	-40	-24.25	-67.34	2.6	5.69	Horizontal	Pass
2364.75	-70.11	-13	-57.11	-72.63	2.98	5.5	Horizontal	Pass
3153.0	-67.29	-13	-54.29	-71.36	3.23	7.3	Horizontal	Pass
1576.5	-57.55	-40	-17.55	-60.64	2.6	5.69	Vertical	Pass
2364.75	-68.95	-13	-55.95	-71.47	2.98	5.5	Vertical	Pass
3153.0	-67.14	-13	-54.14	-71.21	3.23	7.3	Vertical	Pass

LTE Band 14-Middle channel, Modulation: QPSK, Bandwidth:5MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1581.5	-63.17	-40	-23.17	-66.24	2.6	5.67	Horizontal	Pass
2372.25	-69.81	-13	-56.81	-72.33	2.99	5.51	Horizontal	Pass
3163.0	-67.5	-13	-54.5	-71.6	3.23	7.33	Horizontal	Pass
1581.5	-61.18	-40	-21.18	-64.25	2.6	5.67	Vertical	Pass
2372.25	-68.86	-13	-55.86	-71.38	2.99	5.51	Vertical	Pass
3163.0	-67.12	-13	-54.12	-71.22	3.23	7.33	Vertical	Pass

LTE Band 14-High channel, Modulation: QPSK, Bandwidth:5MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1586.5	-61.8	-40	-21.8	-64.86	2.6	5.66	Horizontal	Pass
2379.75	-70.08	-13	-57.08	-72.62	2.99	5.53	Horizontal	Pass
3173.0	-66.76	-13	-53.76	-70.87	3.24	7.35	Horizontal	Pass
1586.5	-59.55	-40	-19.55	-62.61	2.6	5.66	Vertical	Pass
2379.75	-70.08	-13	-57.08	-72.62	2.99	5.53	Vertical	Pass
3173.0	-67.28	-13	-54.28	-71.39	3.24	7.35	Vertical	Pass

Note: External Antenna is the worst case, only the worst case test data were recorded in this report.

7. Effective (Isotropic) Radiated Power Output Data (Internal Antenna)

7.1 Test Result

7.1.1 B14_5MHz_ERP

Band: 14 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	790.5	1	0	23.37	1.78	23.00	<=34.77	Pass
			13	23.39	1.78	23.02	<=34.77	Pass
			24	23.56	1.78	23.19	<=34.77	Pass
		12	0	22.62	1.78	22.25	<=34.77	Pass
			6	22.68	1.78	22.31	<=34.77	Pass
			13	22.61	1.78	22.24	<=34.77	Pass
		25	0	22.63	1.78	22.26	<=34.77	Pass
	793	1	0	23.41	1.78	23.04	<=34.77	Pass
			13	23.62	1.78	23.25	<=34.77	Pass
			24	23.37	1.78	23.00	<=34.77	Pass
		12	0	22.54	1.78	22.17	<=34.77	Pass
			6	22.59	1.78	22.22	<=34.77	Pass
			13	22.52	1.78	22.15	<=34.77	Pass
		25	0	22.54	1.78	22.17	<=34.77	Pass
	795.5	1	0	23.43	1.78	23.06	<=34.77	Pass
			13	23.64	1.78	23.27	<=34.77	Pass
			24	23.38	1.78	23.01	<=34.77	Pass
		12	0	22.45	1.78	22.08	<=34.77	Pass
			6	22.56	1.78	22.19	<=34.77	Pass
			13	22.36	1.78	21.99	<=34.77	Pass
		25	0	22.42	1.78	22.05	<=34.77	Pass
16QAM	790.5	1	0	22.06	1.78	21.69	<=34.77	Pass
			13	22.20	1.78	21.83	<=34.77	Pass
			24	21.86	1.78	21.49	<=34.77	Pass
		12	0	21.44	1.78	21.07	<=34.77	Pass
			6	21.27	1.78	20.90	<=34.77	Pass
			13	21.36	1.78	20.99	<=34.77	Pass
		25	0	21.41	1.78	21.04	<=34.77	Pass
	793	1	0	21.61	1.78	21.24	<=34.77	Pass
			13	22.11	1.78	21.74	<=34.77	Pass
			24	21.64	1.78	21.27	<=34.77	Pass
		12	0	21.32	1.78	20.95	<=34.77	Pass
			6	21.39	1.78	21.02	<=34.77	Pass
			13	21.41	1.78	21.04	<=34.77	Pass
		25	0	21.67	1.78	21.30	<=34.77	Pass
	795.5	1	0	22.13	1.78	21.76	<=34.77	Pass
			13	22.34	1.78	21.97	<=34.77	Pass
			24	21.50	1.78	21.13	<=34.77	Pass
		12	0	21.63	1.78	21.26	<=34.77	Pass
			6	21.67	1.78	21.30	<=34.77	Pass
			13	21.21	1.78	20.84	<=34.77	Pass
		25	0	21.26	1.78	20.89	<=34.77	Pass
64QAM	790.5	1	0	22.13	1.78	21.76	<=34.77	Pass
			13	22.22	1.78	21.85	<=34.77	Pass
			24	22.06	1.78	21.69	<=34.77	Pass
		12	0	21.28	1.78	20.91	<=34.77	Pass

		25	6	21.46	1.78	21.09	<=34.77	Pass
			13	21.39	1.78	21.02	<=34.77	Pass
			0	21.56	1.78	21.19	<=34.77	Pass
	793	1	0	21.60	1.78	21.23	<=34.77	Pass
			13	22.26	1.78	21.89	<=34.77	Pass
			24	21.50	1.78	21.13	<=34.77	Pass
		12	0	21.22	1.78	20.85	<=34.77	Pass
			6	21.38	1.78	21.01	<=34.77	Pass
			13	21.17	1.78	20.80	<=34.77	Pass
		25	0	21.39	1.78	21.02	<=34.77	Pass
	795.5	1	0	22.08	1.78	21.71	<=34.77	Pass
			13	22.12	1.78	21.75	<=34.77	Pass
			24	21.70	1.78	21.33	<=34.77	Pass
		12	0	21.16	1.78	20.79	<=34.77	Pass
			6	21.33	1.78	20.96	<=34.77	Pass
			13	21.20	1.78	20.83	<=34.77	Pass
	25	0	21.42	1.78	21.05	<=34.77	Pass	
	Note1: ERP=Conducted Power+Antenna Gain-2.15							

7.1.2 B14 10MHz ERP

Band: 14 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	793	1	0	23.62	1.78	23.25	<=34.77	Pass
			25	23.67	1.78	23.30	<=34.77	Pass
			49	23.49	1.78	23.12	<=34.77	Pass
		25	0	22.52	1.78	22.15	<=34.77	Pass
			13	22.63	1.78	22.26	<=34.77	Pass
			25	22.48	1.78	22.11	<=34.77	Pass
		50	0	22.43	1.78	22.06	<=34.77	Pass
16QAM	793	1	0	22.21	1.78	21.84	<=34.77	Pass
			25	22.47	1.78	22.10	<=34.77	Pass
			49	21.96	1.78	21.59	<=34.77	Pass
		25	0	21.37	1.78	21.00	<=34.77	Pass
			13	21.45	1.78	21.08	<=34.77	Pass
			25	21.30	1.78	20.93	<=34.77	Pass
		50	0	21.47	1.78	21.10	<=34.77	Pass
64QAM	793	1	0	21.96	1.78	21.59	<=34.77	Pass
			25	22.41	1.78	22.04	<=34.77	Pass
			49	21.71	1.78	21.34	<=34.77	Pass
		25	0	21.55	1.78	21.18	<=34.77	Pass
			13	21.59	1.78	21.22	<=34.77	Pass
			25	21.47	1.78	21.10	<=34.77	Pass
		50	0	21.53	1.78	21.16	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								