

1. Effective (Isotropic) Radiated Power Output Data

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	24.23	0.20	22.28	<=34.77	Pass
			13	24.36	0.20	22.41	<=34.77	Pass
			24	24.29	0.20	22.34	<=34.77	Pass
		12	0	23.32	0.20	21.37	<=34.77	Pass
			6	23.27	0.20	21.32	<=34.77	Pass
			13	23.20	0.20	21.25	<=34.77	Pass
		25	0	23.36	0.20	21.41	<=34.77	Pass
	793	1	0	24.31	0.20	22.36	<=34.77	Pass
			13	24.34	0.20	22.39	<=34.77	Pass
			24	24.21	0.20	22.26	<=34.77	Pass
		12	0	23.41	0.20	21.46	<=34.77	Pass
			6	23.38	0.20	21.43	<=34.77	Pass
			13	23.23	0.20	21.28	<=34.77	Pass
		25	0	23.35	0.20	21.40	<=34.77	Pass
	795.5	1	0	24.24	0.20	22.29	<=34.77	Pass
			13	24.28	0.20	22.33	<=34.77	Pass
			24	24.33	0.20	22.38	<=34.77	Pass
		12	0	23.31	0.20	21.36	<=34.77	Pass
			6	23.33	0.20	21.38	<=34.77	Pass
			13	23.18	0.20	21.23	<=34.77	Pass
		25	0	23.36	0.20	21.41	<=34.77	Pass
16QAM	790.5	1	0	23.34	0.20	21.39	<=34.77	Pass
			13	23.27	0.20	21.32	<=34.77	Pass
			24	23.11	0.20	21.16	<=34.77	Pass
		12	0	22.37	0.20	20.42	<=34.77	Pass
			6	22.29	0.20	20.34	<=34.77	Pass
			13	22.28	0.20	20.33	<=34.77	Pass
		25	0	22.29	0.20	20.34	<=34.77	Pass
	793	1	0	23.02	0.20	21.07	<=34.77	Pass
			13	23.13	0.20	21.18	<=34.77	Pass
			24	23.11	0.20	21.16	<=34.77	Pass
		12	0	22.36	0.20	20.41	<=34.77	Pass
			6	22.33	0.20	20.38	<=34.77	Pass
			13	22.44	0.20	20.49	<=34.77	Pass
		25	0	22.25	0.20	20.30	<=34.77	Pass
	795.5	1	0	23.25	0.20	21.30	<=34.77	Pass
			13	23.09	0.20	21.14	<=34.77	Pass
			24	22.58	0.20	20.63	<=34.77	Pass
		12	0	22.27	0.20	20.32	<=34.77	Pass
			6	22.36	0.20	20.41	<=34.77	Pass
			13	22.19	0.20	20.24	<=34.77	Pass
		25	0	22.27	0.20	20.32	<=34.77	Pass
64QAM	790.5	1	0	22.28	0.20	20.33	<=34.77	Pass
			13	22.20	0.20	20.25	<=34.77	Pass
			24	22.18	0.20	20.23	<=34.77	Pass
		12	0	21.35	0.20	19.40	<=34.77	Pass
			6	21.39	0.20	19.44	<=34.77	Pass
			13	21.33	0.20	19.38	<=34.77	Pass
		25	0	21.34	0.20	19.39	<=34.77	Pass

	793	1	0	21.36	0.20	19.41	<=34.77	Pass
			13	22.33	0.20	20.38	<=34.77	Pass
			24	22.30	0.20	20.35	<=34.77	Pass
		12	0	21.30	0.20	19.35	<=34.77	Pass
			6	21.30	0.20	19.35	<=34.77	Pass
			13	21.42	0.20	19.47	<=34.77	Pass
		25	0	21.29	0.20	19.34	<=34.77	Pass
	795.5	1	0	22.15	0.20	20.20	<=34.77	Pass
			13	21.90	0.20	19.95	<=34.77	Pass
			24	22.27	0.20	20.32	<=34.77	Pass
		12	0	21.40	0.20	19.45	<=34.77	Pass
			6	21.29	0.20	19.34	<=34.77	Pass
			13	21.20	0.20	19.25	<=34.77	Pass
		25	0	21.20	0.20	19.25	<=34.77	Pass
256QAM	790.5	1	0	19.42	0.20	17.47	<=34.77	Pass
			13	19.30	0.20	17.35	<=34.77	Pass
			24	19.23	0.20	17.28	<=34.77	Pass
		12	0	19.27	0.20	17.32	<=34.77	Pass
			6	19.32	0.20	17.37	<=34.77	Pass
			13	19.17	0.20	17.22	<=34.77	Pass
		25	0	19.26	0.20	17.31	<=34.77	Pass
	793	1	0	19.20	0.20	17.25	<=34.77	Pass
			13	19.36	0.20	17.41	<=34.77	Pass
			24	19.15	0.20	17.20	<=34.77	Pass
		12	0	19.27	0.20	17.32	<=34.77	Pass
			6	19.17	0.20	17.22	<=34.77	Pass
			13	19.24	0.20	17.29	<=34.77	Pass
		25	0	19.16	0.20	17.21	<=34.77	Pass
	795.5	1	0	19.14	0.20	17.19	<=34.77	Pass
			13	19.08	0.20	17.13	<=34.77	Pass
			24	19.34	0.20	17.39	<=34.77	Pass
		12	0	19.19	0.20	17.24	<=34.77	Pass
			6	19.24	0.20	17.29	<=34.77	Pass
			13	19.17	0.20	17.22	<=34.77	Pass
		25	0	19.21	0.20	17.26	<=34.77	Pass

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	24.29	0.20	22.34	<=34.77	Pass
			25	24.28	0.20	22.33	<=34.77	Pass
			49	24.25	0.20	22.30	<=34.77	Pass
		25	0	23.38	0.20	21.43	<=34.77	Pass
			13	23.33	0.20	21.38	<=34.77	Pass
			25	23.30	0.20	21.35	<=34.77	Pass
		50	0	23.31	0.20	21.36	<=34.77	Pass
16QAM	793	1	0	23.33	0.20	21.38	<=34.77	Pass
			25	23.25	0.20	21.30	<=34.77	Pass
			49	23.42	0.20	21.47	<=34.77	Pass
		25	0	22.26	0.20	20.31	<=34.77	Pass
			13	22.27	0.20	20.32	<=34.77	Pass
			25	22.32	0.20	20.37	<=34.77	Pass
		50	0	22.30	0.20	20.35	<=34.77	Pass
64QAM	793	1	0	22.28	0.20	20.33	<=34.77	Pass

256QAM	793	25	25	22.36	0.20	20.41	<=34.77	Pass
			49	22.46	0.20	20.51	<=34.77	Pass
			0	21.31	0.20	19.36	<=34.77	Pass
			13	21.22	0.20	19.27	<=34.77	Pass
			25	21.17	0.20	19.22	<=34.77	Pass
		50	0	21.10	0.20	19.15	<=34.77	Pass
			0	19.35	0.20	17.40	<=34.77	Pass
		1	25	19.24	0.20	17.29	<=34.77	Pass
			49	19.37	0.20	17.42	<=34.77	Pass
			0	19.26	0.20	17.31	<=34.77	Pass
		25	13	19.15	0.20	17.20	<=34.77	Pass
			25	19.10	0.20	17.15	<=34.77	Pass
		50	0	19.22	0.20	17.27	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

2. Frequency Stability

2.1 Test Result

2.1.1 B14_5MHz

Band: 14 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	793	25	0	20	3.27	-9.588	-0.0121	-2.5 to 2.5	Pass
					3.85	3.211	0.0040	-2.5 to 2.5	Pass
					4.43	0.951	0.0012	-2.5 to 2.5	Pass
				-30	3.85	0.333	0.0004	-2.5 to 2.5	Pass
				-20	3.85	-2.601	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	4.169	0.0053	-2.5 to 2.5	Pass
				0	3.85	1.910	0.0024	-2.5 to 2.5	Pass
				10	3.85	-2.027	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-3.204	-0.0040	-2.5 to 2.5	Pass
				40	3.85	-3.713	-0.0047	-2.5 to 2.5	Pass
				50	3.85	-4.386	-0.0055	-2.5 to 2.5	Pass

2.1.2 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	-5.878	-0.0074	-2.5 to 2.5	Pass
					3.85	-0.975	-0.0012	-2.5 to 2.5	Pass
					4.43	-1.664	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	0.540	0.0007	-2.5 to 2.5	Pass
				-20	3.85	-0.733	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-3.557	-0.0045	-2.5 to 2.5	Pass
				0	3.85	-0.400	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-1.819	-0.0023	-2.5 to 2.5	Pass
				30	3.85	0.017	0.0000	-2.5 to 2.5	Pass
				40	3.85	-1.975	-0.0025	-2.5 to 2.5	Pass
				50	3.85	-0.330	-0.0004	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band14_OBW

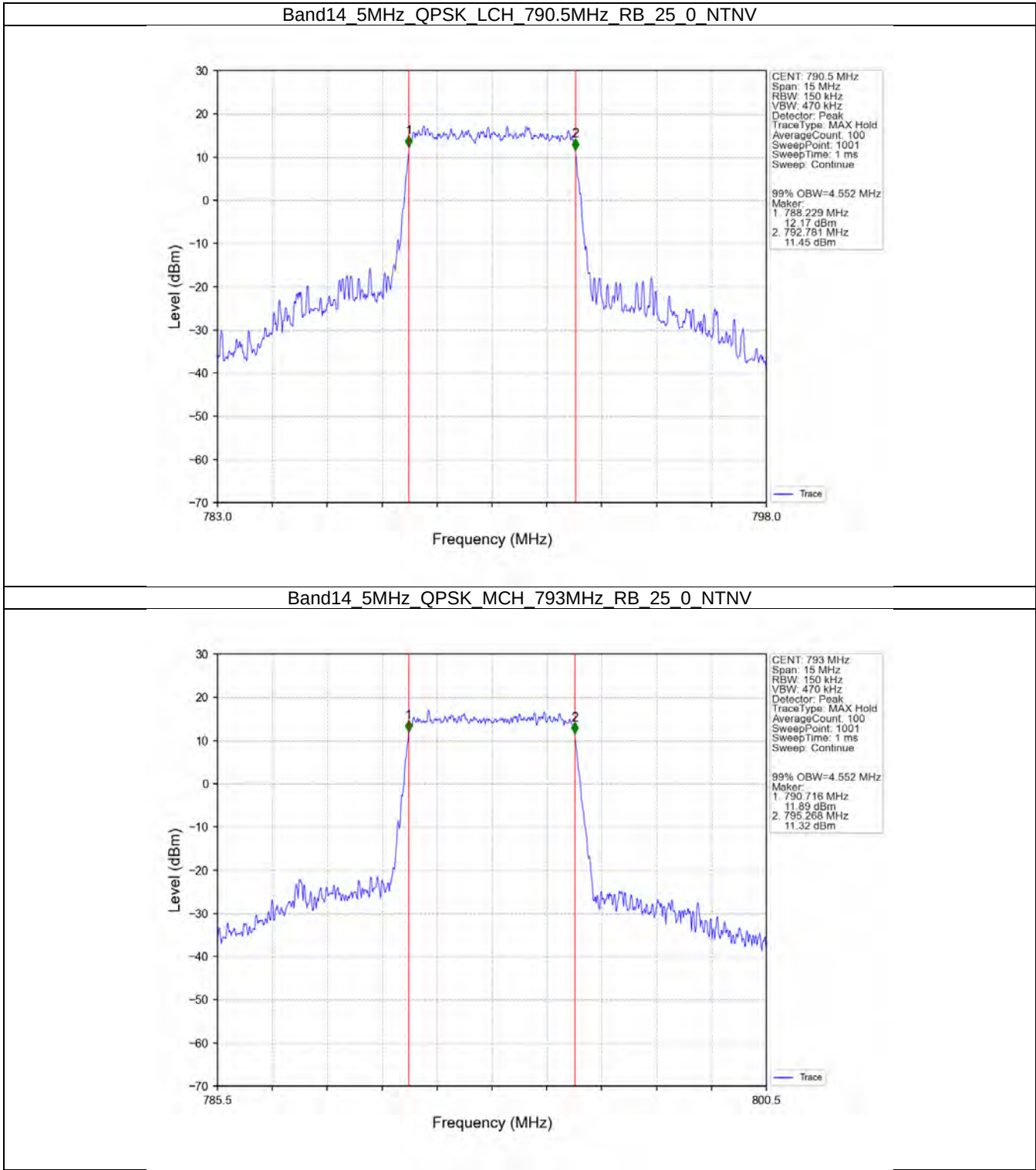
Band: 14 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	790.5	25	0	4.552	/	Pass
		793	25	0	4.552	/	Pass
		795.5	25	0	4.545	/	Pass
	16QAM	790.5	25	0	4.551	/	Pass
		793	25	0	4.553	/	Pass
		795.5	25	0	4.532	/	Pass
	64QAM	790.5	25	0	4.545	/	Pass
		793	25	0	4.549	/	Pass
		795.5	25	0	4.525	/	Pass
	256QAM	790.5	25	0	4.544	/	Pass
		793	25	0	4.534	/	Pass
		795.5	25	0	4.542	/	Pass
10	QPSK	793	50	0	9.094	/	Pass
	16QAM	793	50	0	9.056	/	Pass
	64QAM	793	50	0	9.096	/	Pass
	256QAM	793	50	0	9.068	/	Pass

3.1.2 Band14_XDB

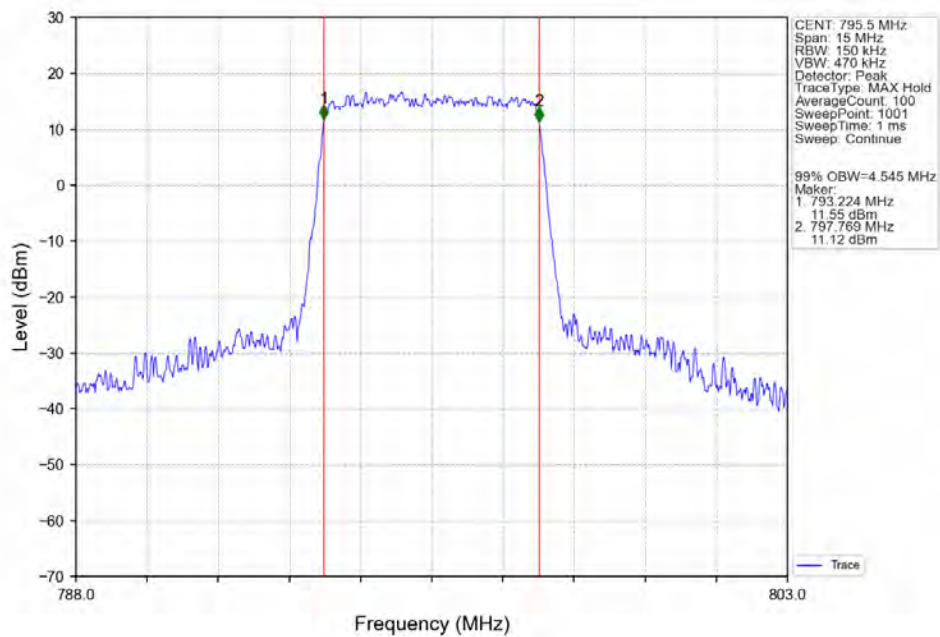
Band: 14 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	790.5	25	0	5.009	/	Pass
		793	25	0	5.106	/	Pass
		795.5	25	0	5.071	/	Pass
	16QAM	790.5	25	0	5.081	/	Pass
		793	25	0	5.059	/	Pass
		795.5	25	0	5.057	/	Pass
	64QAM	790.5	25	0	5.095	/	Pass
		793	25	0	5.061	/	Pass
		795.5	25	0	5.022	/	Pass
	256QAM	790.5	25	0	5.069	/	Pass
		793	25	0	5.073	/	Pass
		795.5	25	0	5.037	/	Pass
10	QPSK	793	50	0	9.983	/	Pass
	16QAM	793	50	0	9.982	/	Pass
	64QAM	793	50	0	10.011	/	Pass
	256QAM	793	50	0	9.964	/	Pass

3.2 Test Graph

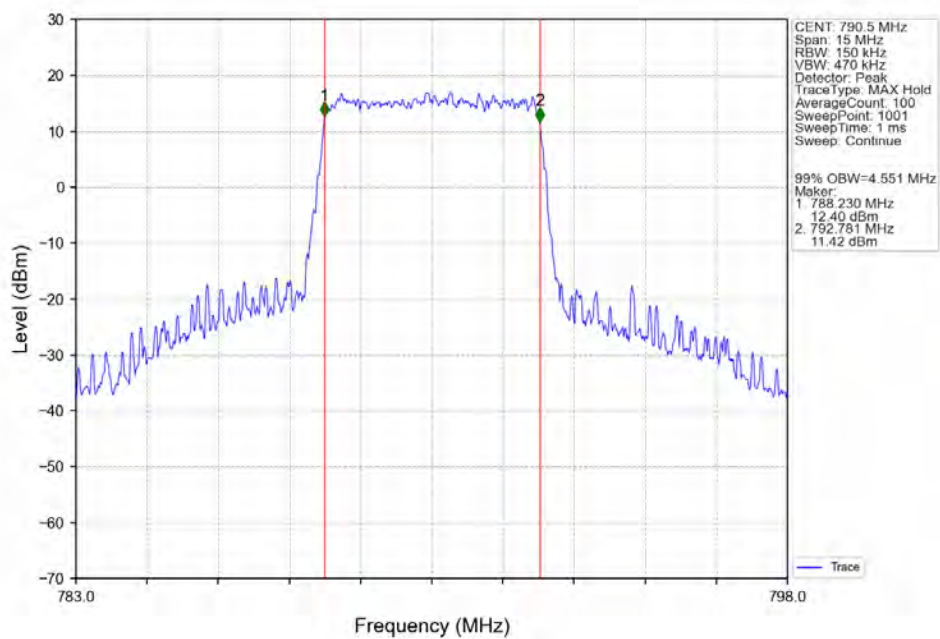
3.2.1 Band14_OBW



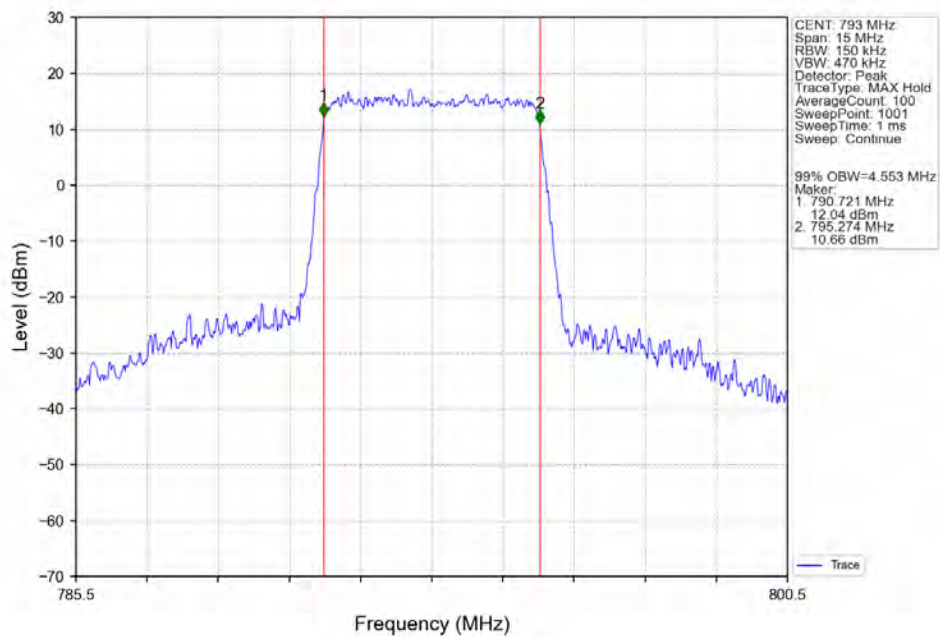
Band14 5MHz QPSK HCH 795.5MHz RB 25 0 NTNV



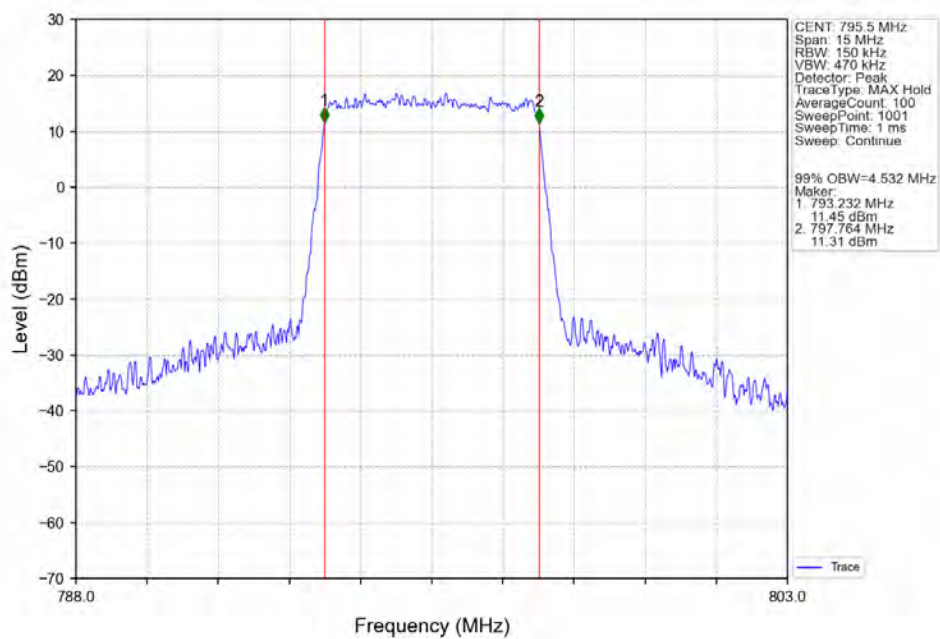
Band14 5MHz 16QAM LCH 790.5MHz RB 25 0 NTNV



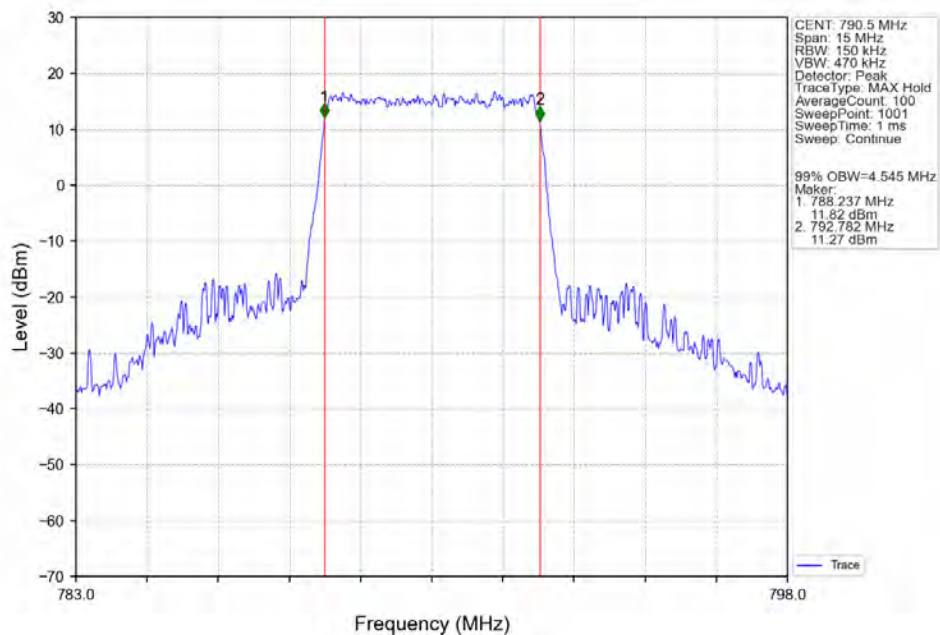
Band14 5MHz 16QAM MCH 793MHz RB 25 0 NTNV



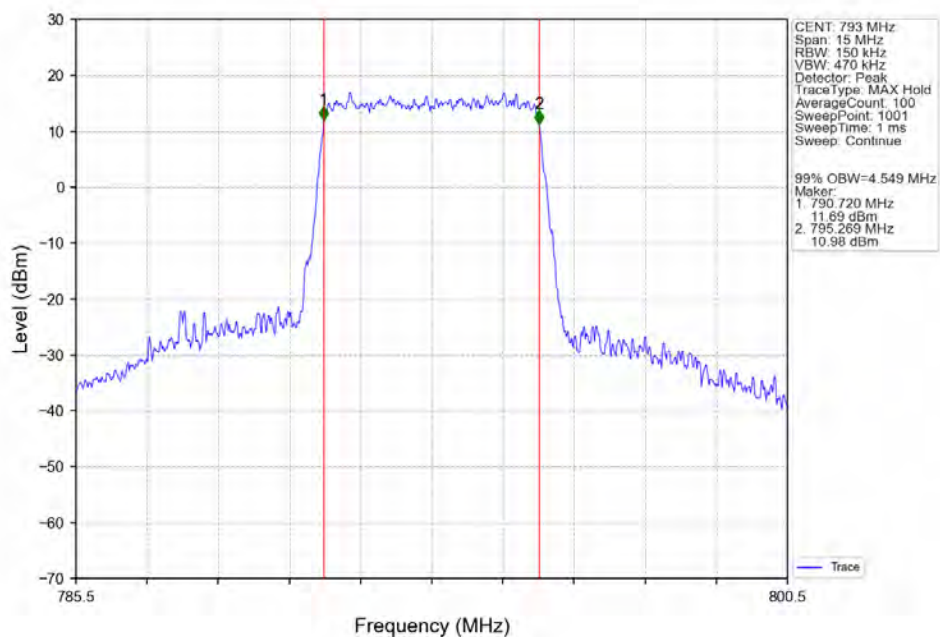
Band14 5MHz 16QAM HCH 795.5MHz RB 25 0 NTNV



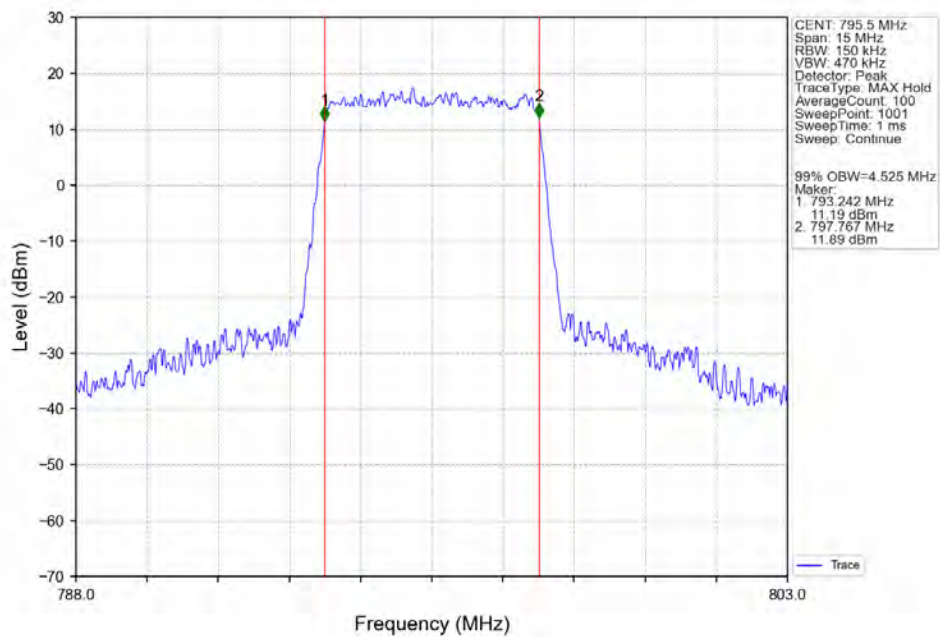
Band14 5MHz 64QAM LCH 790.5MHz RB 25 0 NTNV



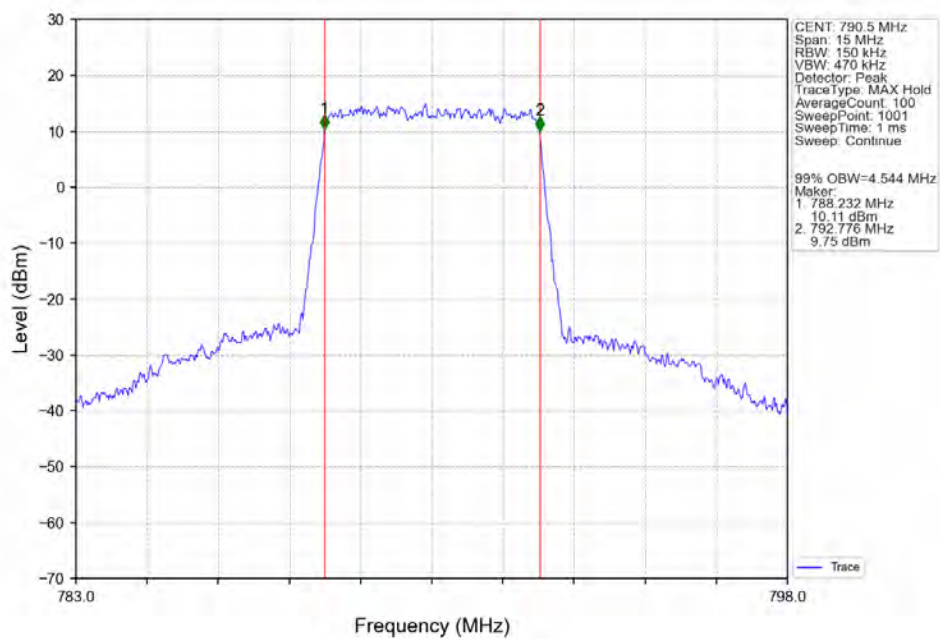
Band14 5MHz 64QAM MCH 793MHz RB 25 0 NTNV



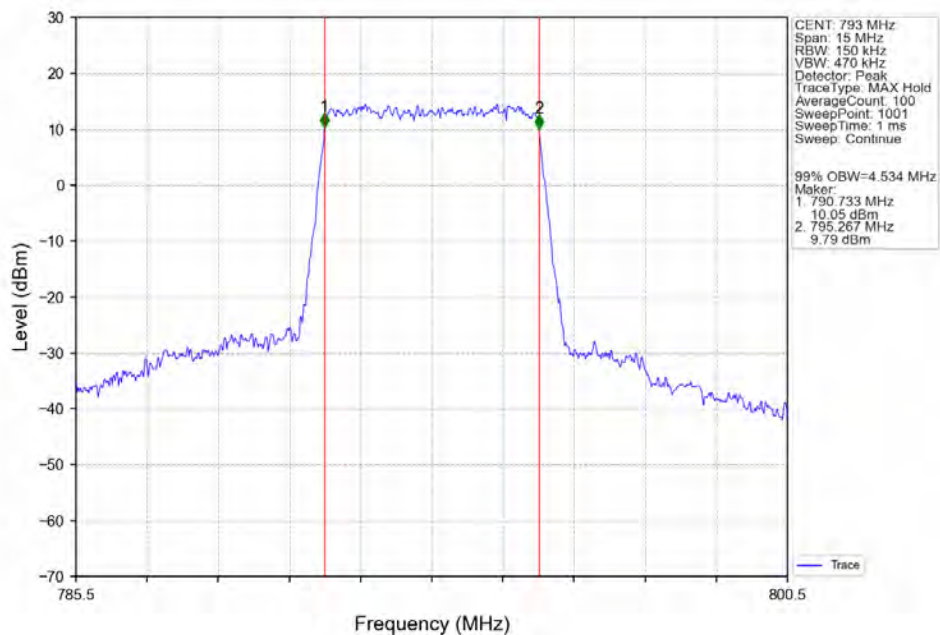
Band14 5MHz 64QAM HCH 795.5MHz RB 25 0 NTNV



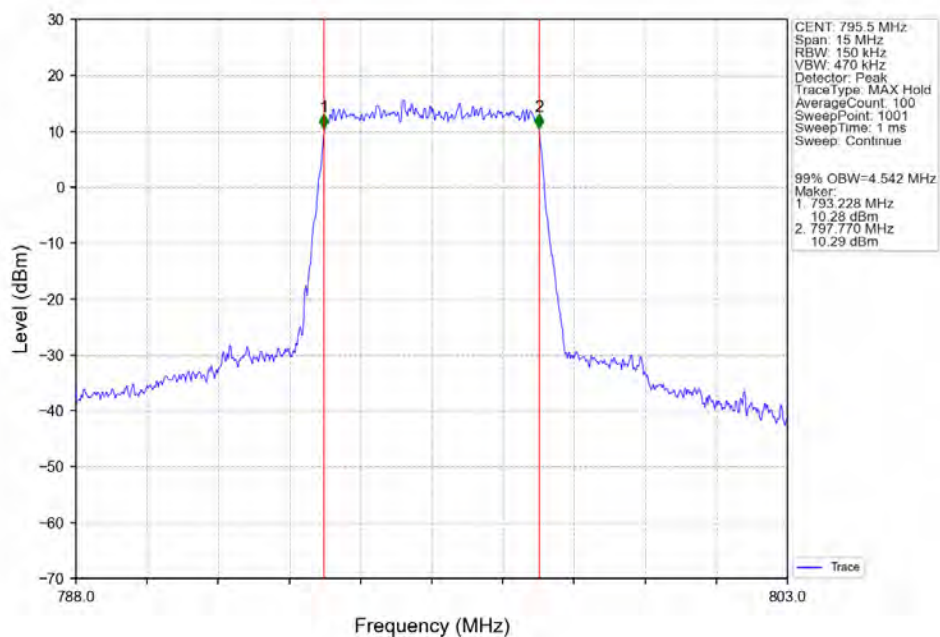
Band14 5MHz 256QAM LCH 790.5MHz RB 25 0 NTNV



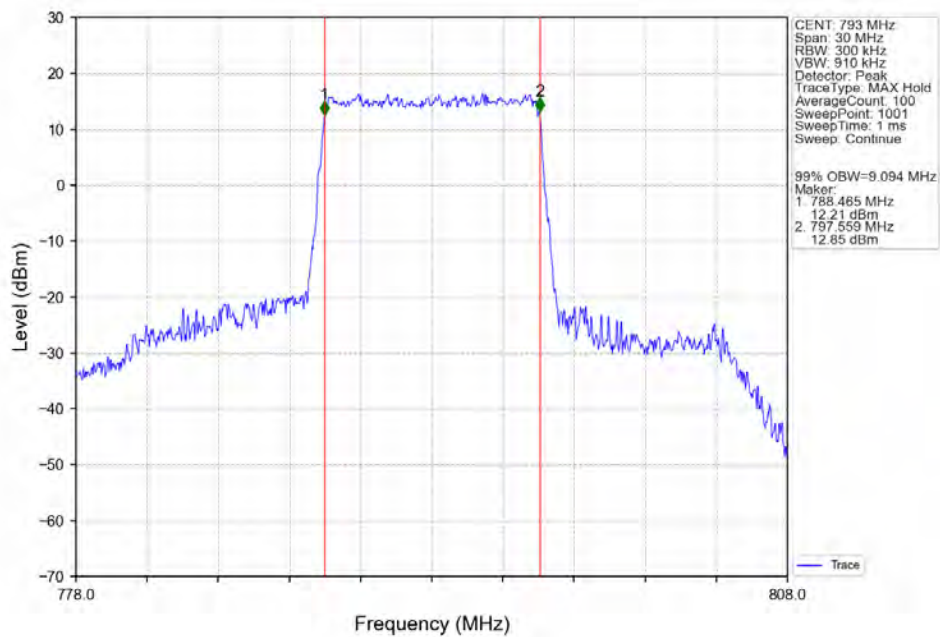
Band14 5MHz 256QAM MCH 793MHz RB 25 0 NTNV



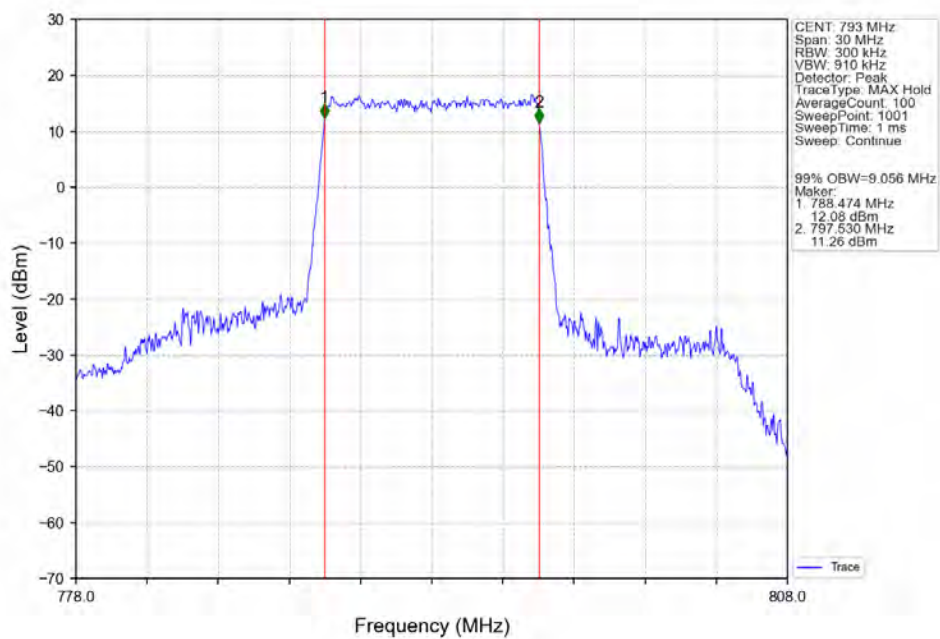
Band14 5MHz 256QAM HCH 795.5MHz RB 25 0 NTNV



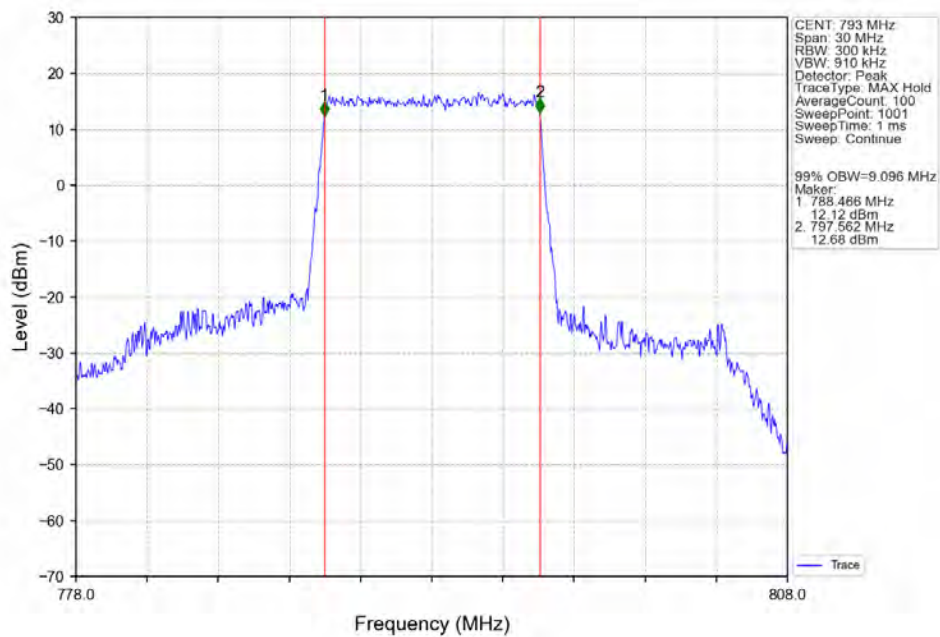
Band14 10MHz QPSK MCH 793MHz RB 50 0 NTNV



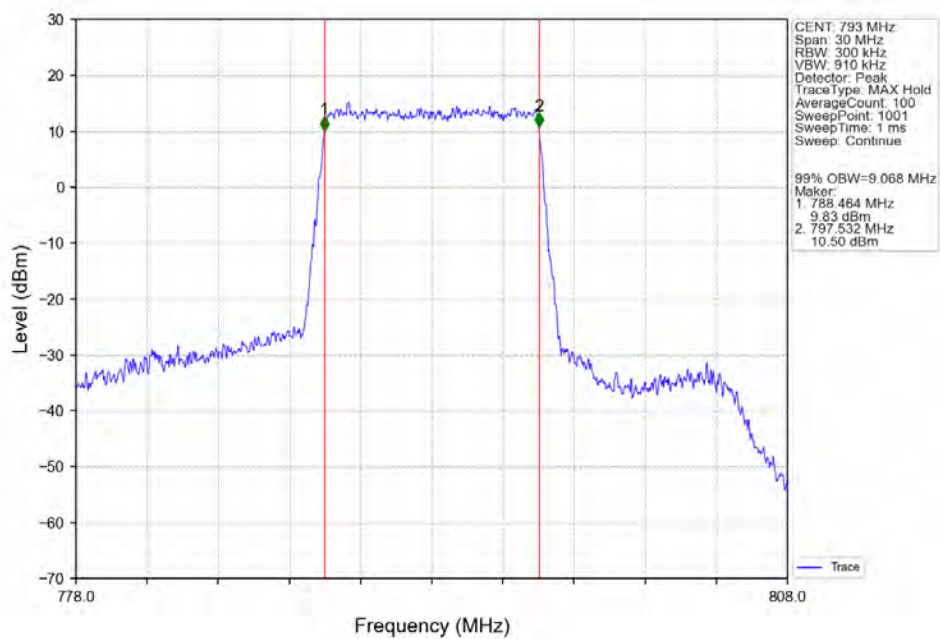
Band14 10MHz 16QAM MCH 793MHz RB 50 0 NTNV



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

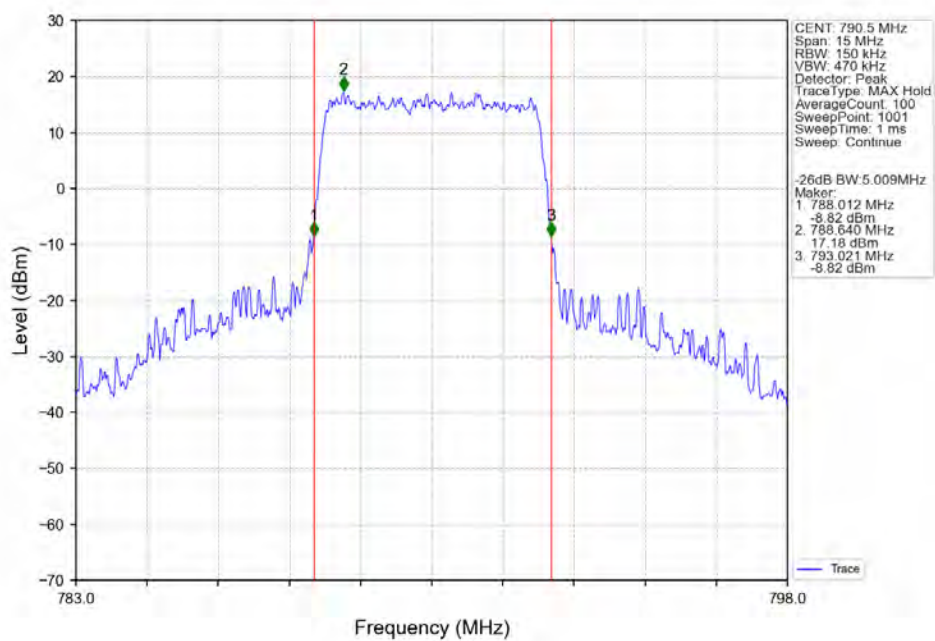


Band14 10MHz 256QAM MCH 793MHz RB 50 0 NTNV

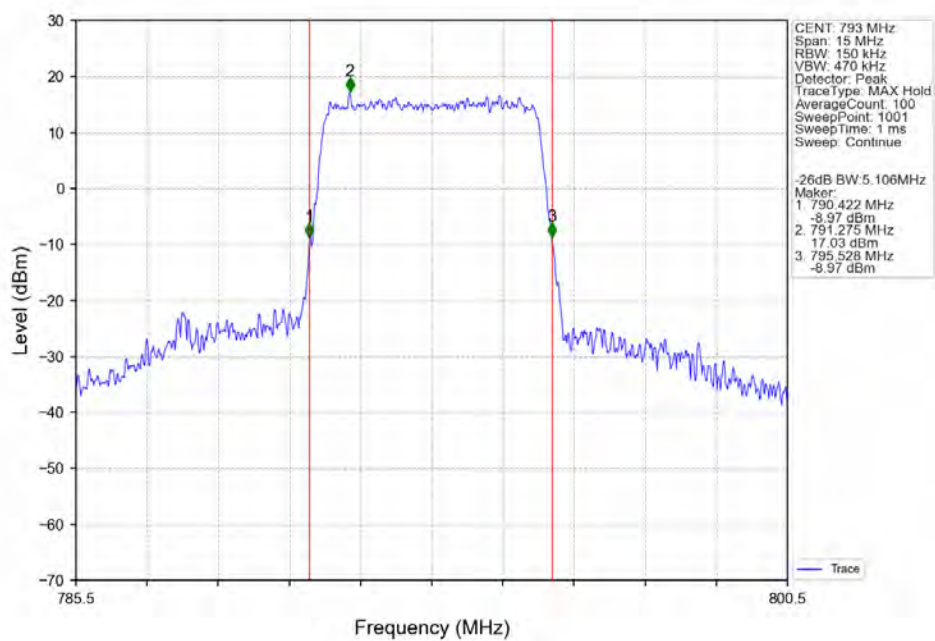


3.2.2 Band14_XDB

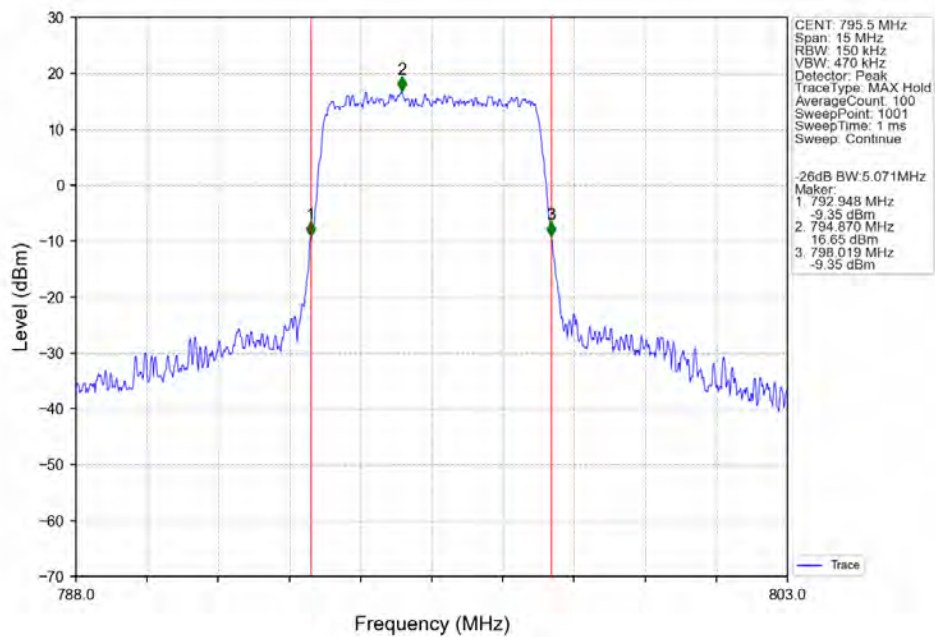
Band14_5MHz_QPSK_LCH_790.5MHz_RB_25_0_NTNV



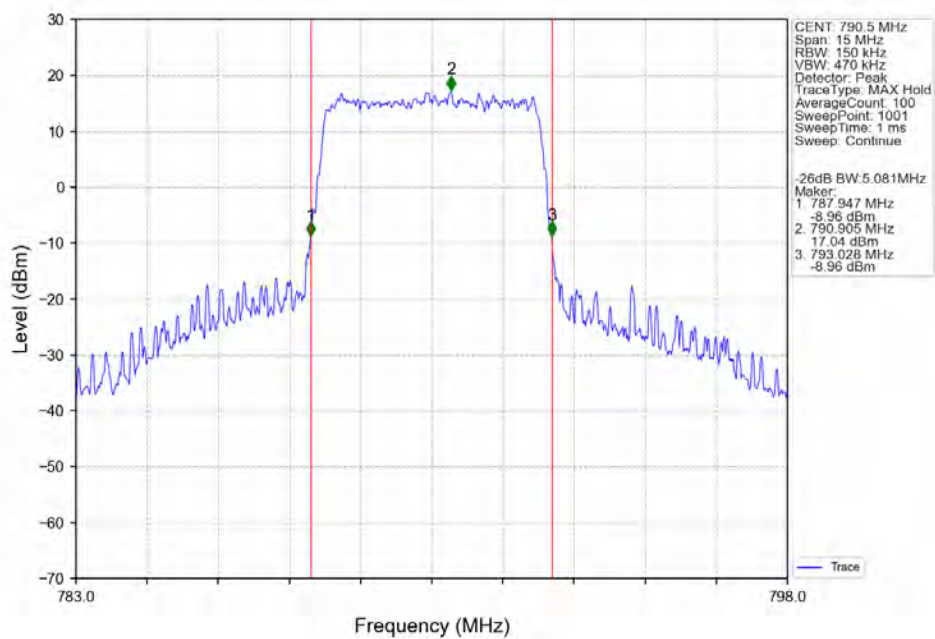
Band14_5MHz_QPSK_MCH_793MHz_RB_25_0_NTNV



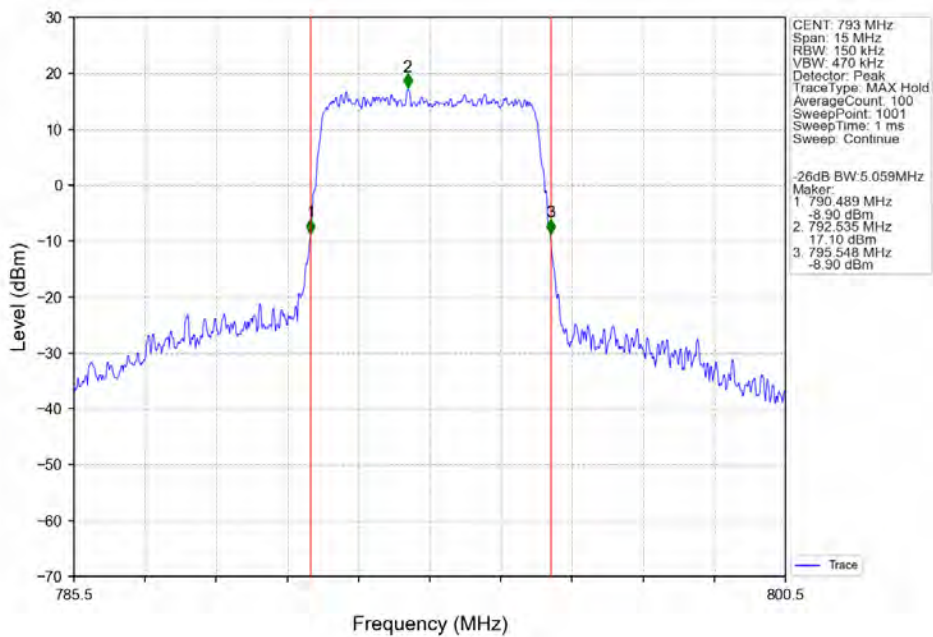
Band14 5MHz QPSK HCH 795.5MHz RB 25 0 NTV



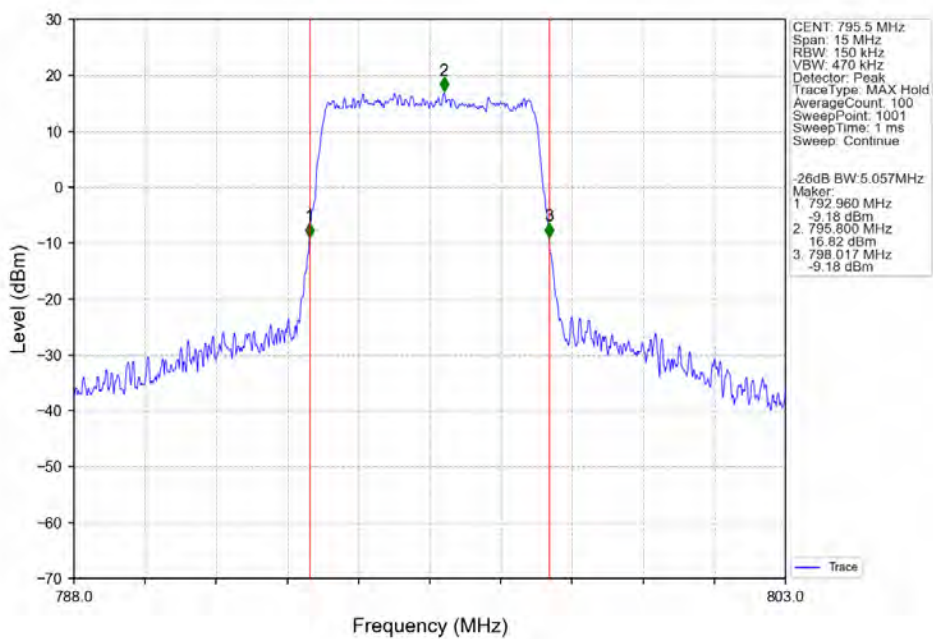
Band14 5MHz 16QAM LCH 790.5MHz RB 25 0 NTV



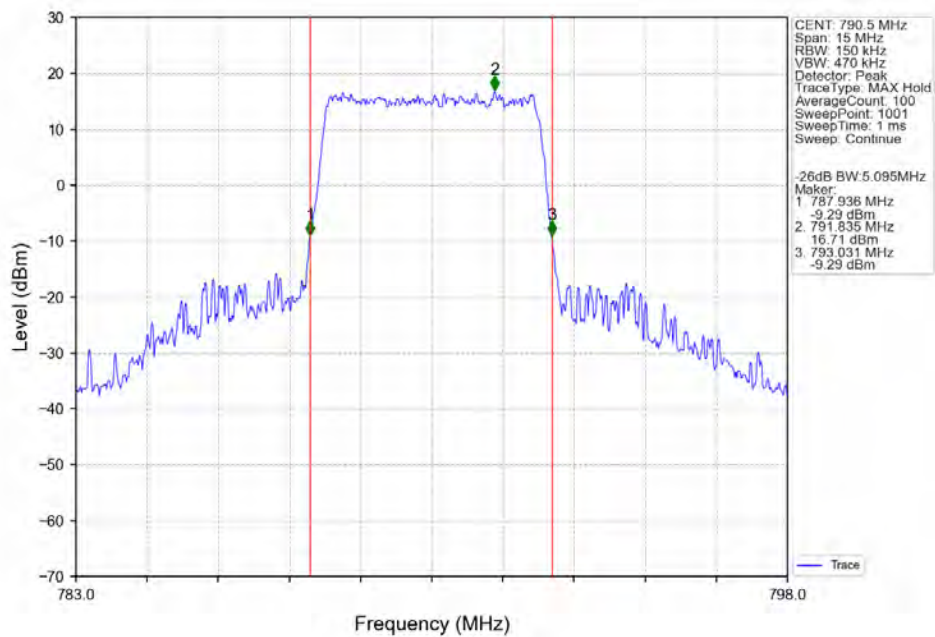
Band14 5MHz 16QAM MCH 793MHz RB 25 0 NTNV



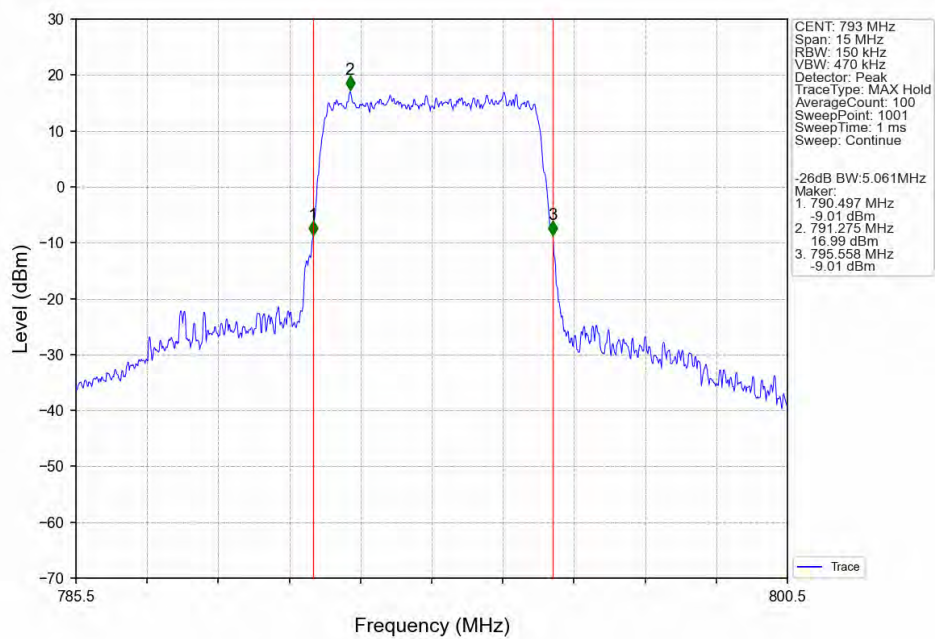
Band14 5MHz 16QAM HCH 795.5MHz RB 25 0 NTNV



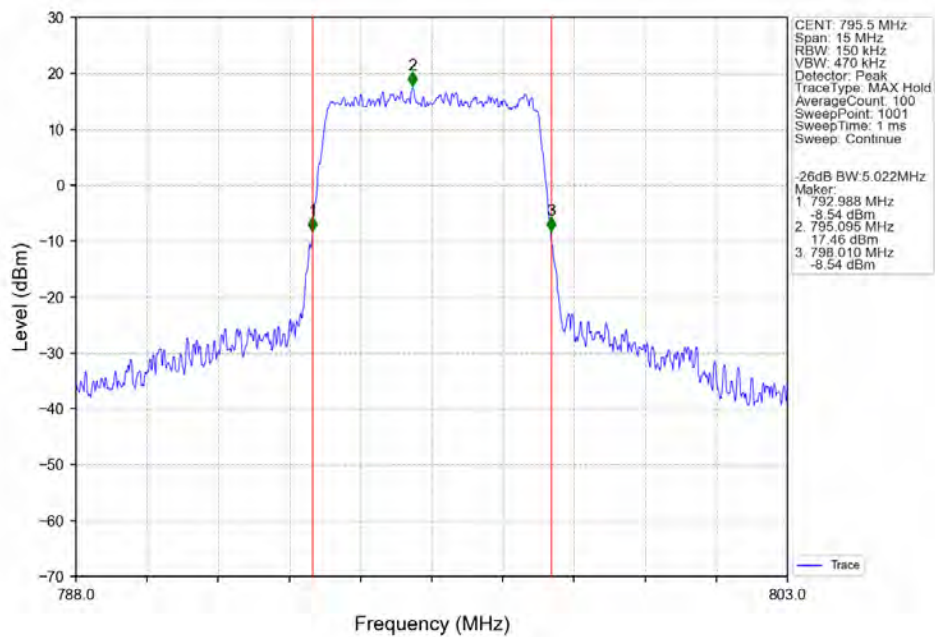
Band14 5MHz 64QAM LCH 790.5MHz RB 25 0 NTNV



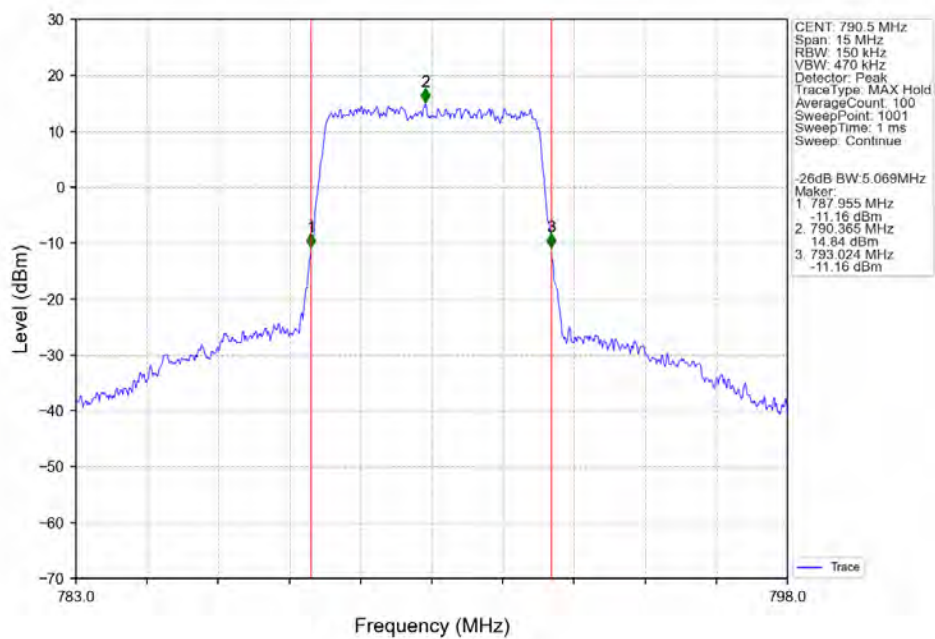
Band14 5MHz 64QAM MCH 793MHz RB 25 0 NTNV



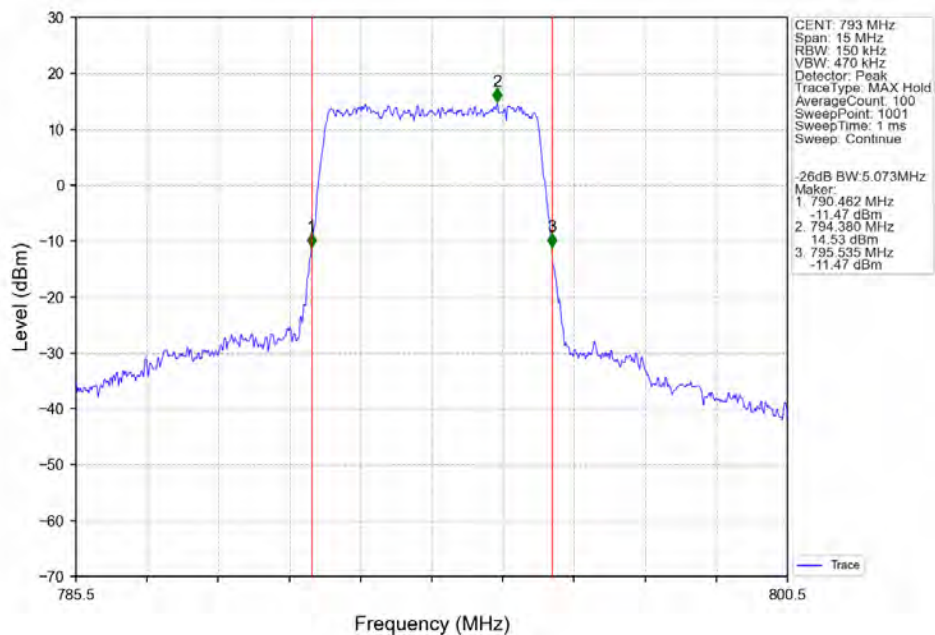
Band14 5MHz 64QAM HCH 795.5MHz RB 25 0 NTNV



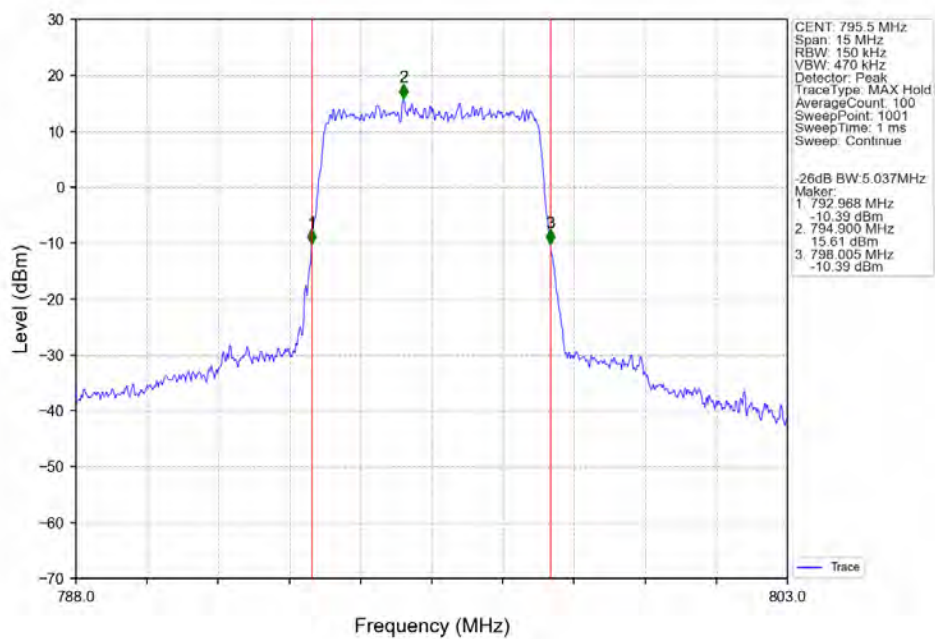
Band14 5MHz 256QAM LCH 790.5MHz RB 25 0 NTNV



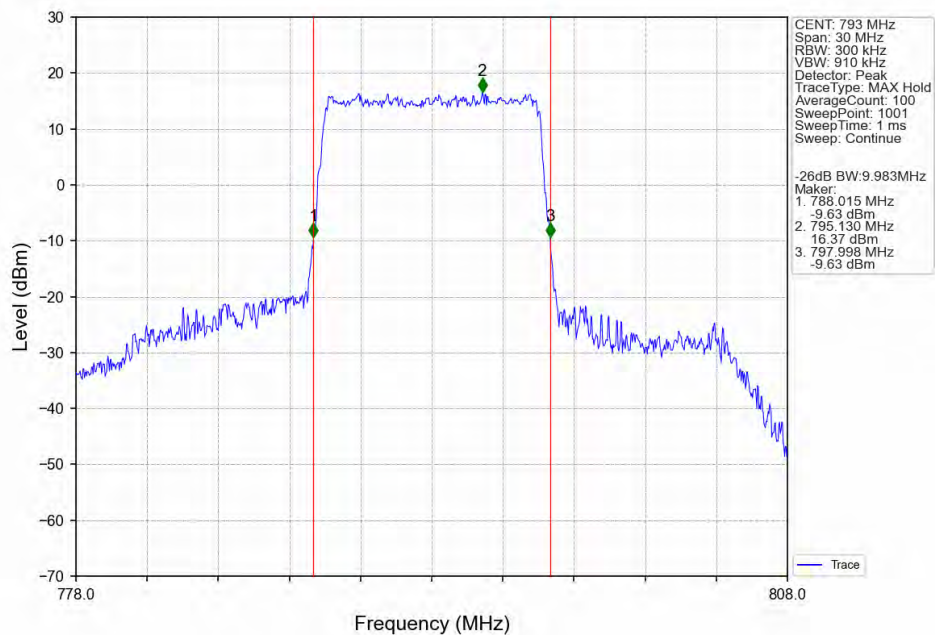
Band14 5MHz 256QAM MCH 793MHz RB 25 0 NTNV



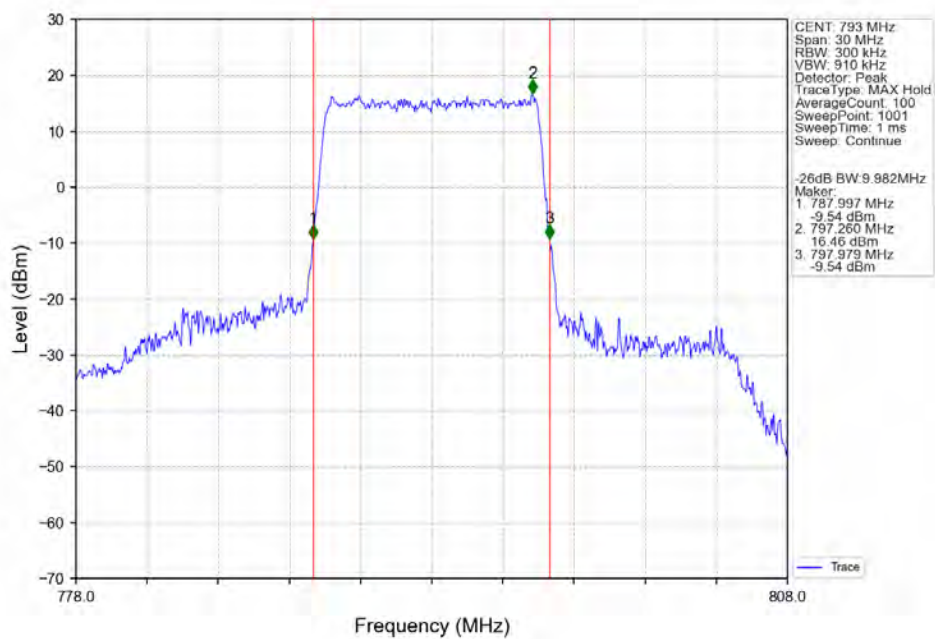
Band14 5MHz 256QAM HCH 795.5MHz RB 25 0 NTNV



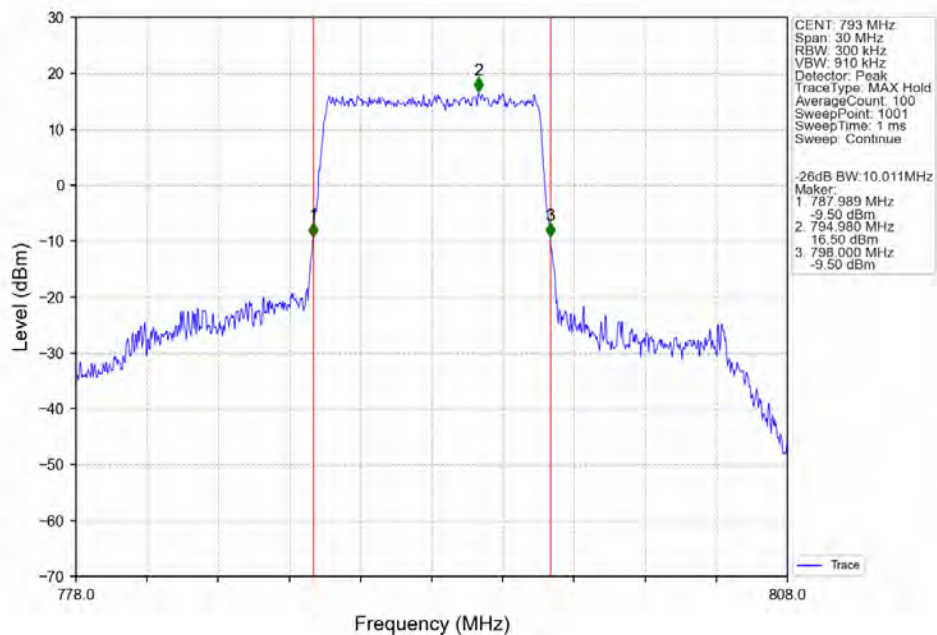
Band14 10MHz QPSK MCH 793MHz RB 50 0 NTNV



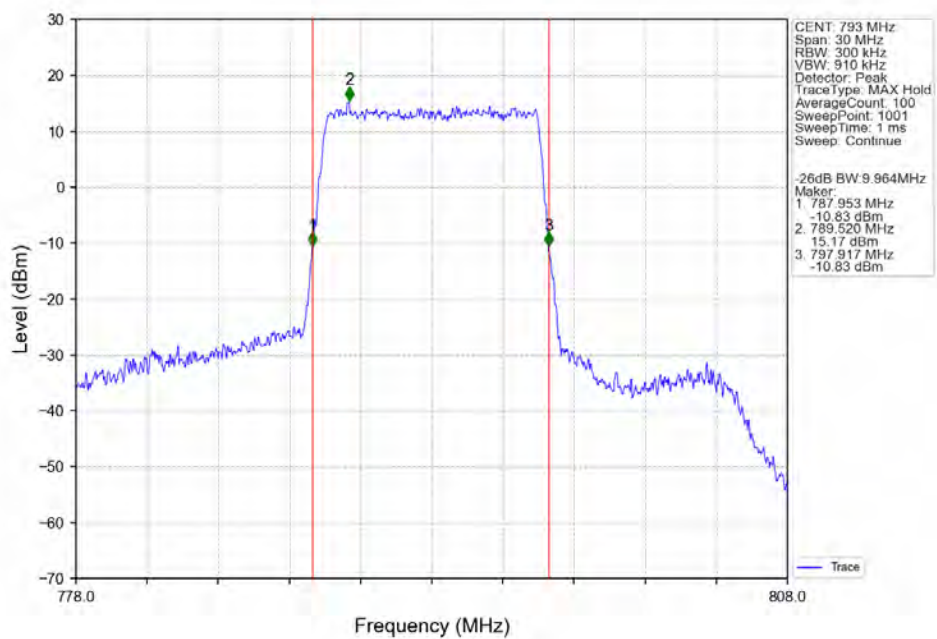
Band14 10MHz 16QAM MCH 793MHz RB 50 0 NTNV



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_5MHz

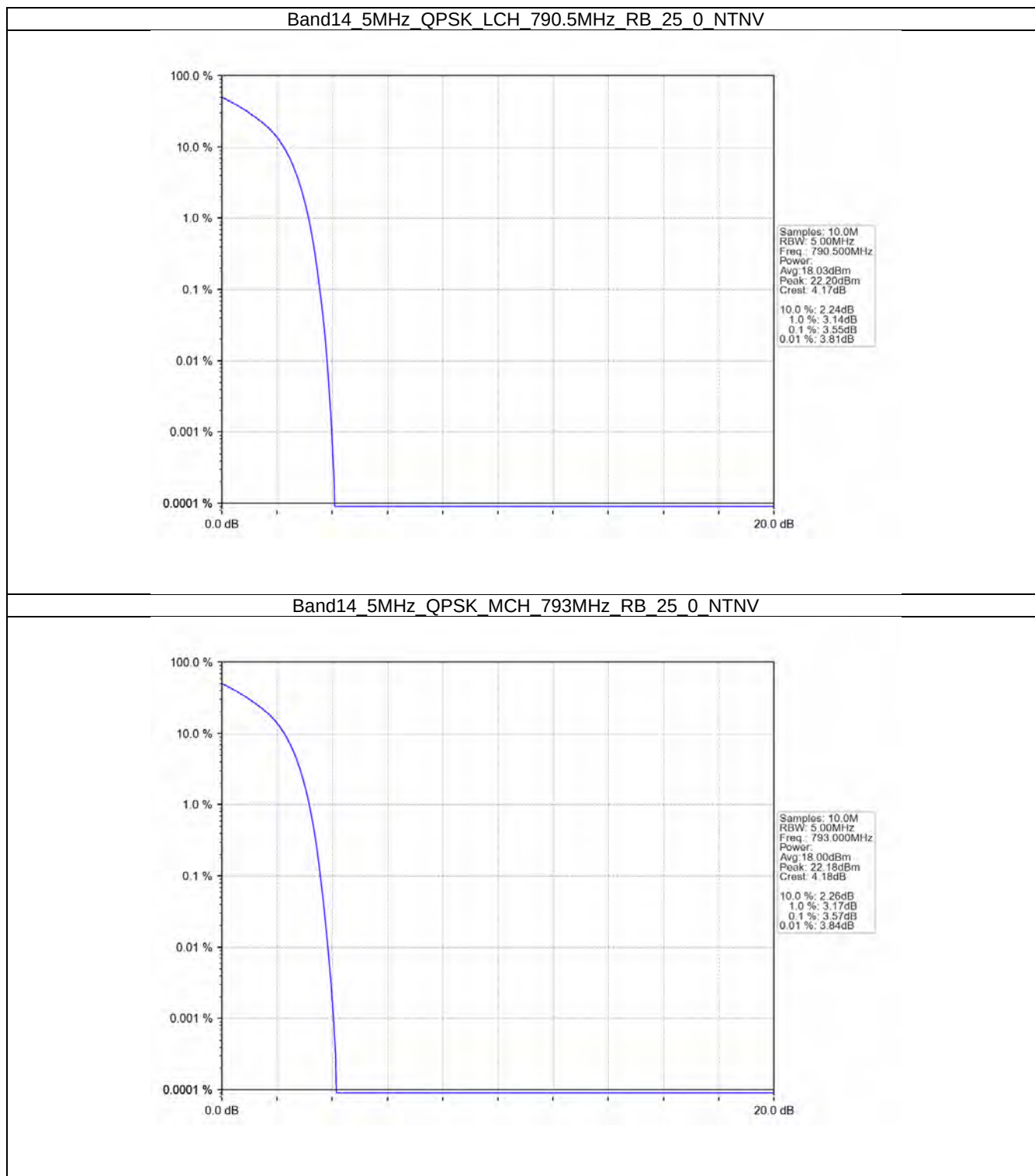
Band: 14 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	790.5	25	0	3.55	<=13	Pass
	793	25	0	3.57	<=13	Pass
	795.5	25	0	3.55	<=13	Pass
16QAM	790.5	25	0	3.56	<=13	Pass
	793	25	0	3.57	<=13	Pass
	795.5	25	0	3.55	<=13	Pass
64QAM	790.5	25	0	3.56	<=13	Pass
	793	25	0	3.57	<=13	Pass
	795.5	25	0	3.55	<=13	Pass
256QAM	790.5	25	0	3.97	<=13	Pass
	793	25	0	4.00	<=13	Pass
	795.5	25	0	3.99	<=13	Pass

4.1.2 B14_10MHz

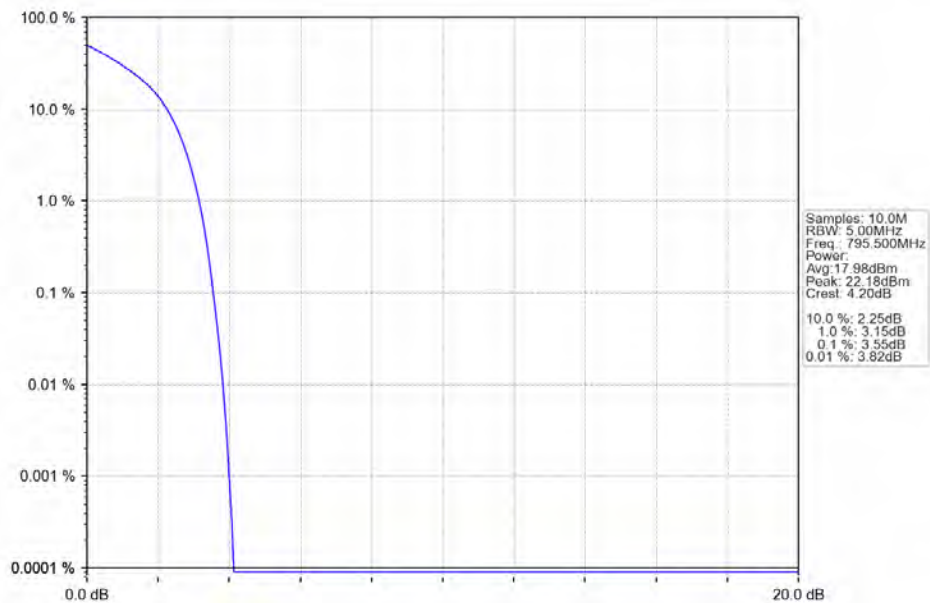
Band: 14 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	793	50	0	4.17	<=13	Pass
16QAM	793	50	0	4.17	<=13	Pass
64QAM	793	50	0	4.17	<=13	Pass
256QAM	793	50	0	4.47	<=13	Pass

4.2 Test Graph

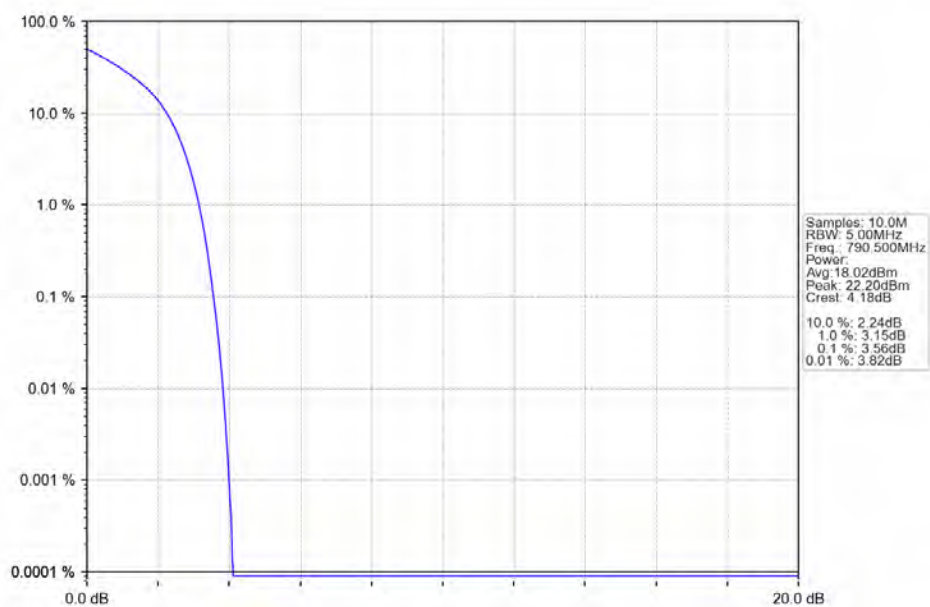
4.2.1 B14_5MHz



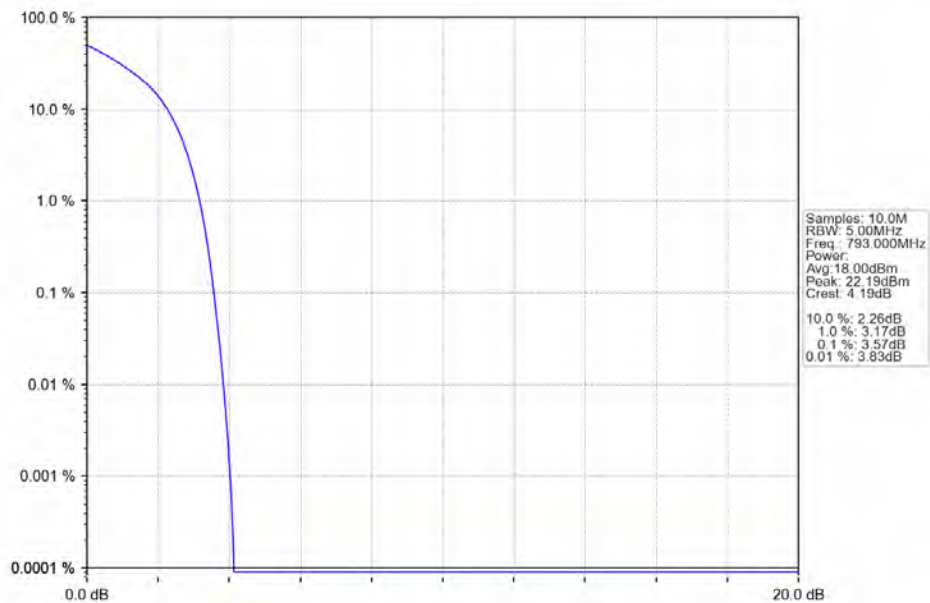
Band14 5MHz QPSK HCH 795.5MHz RB 25 0 NTNV



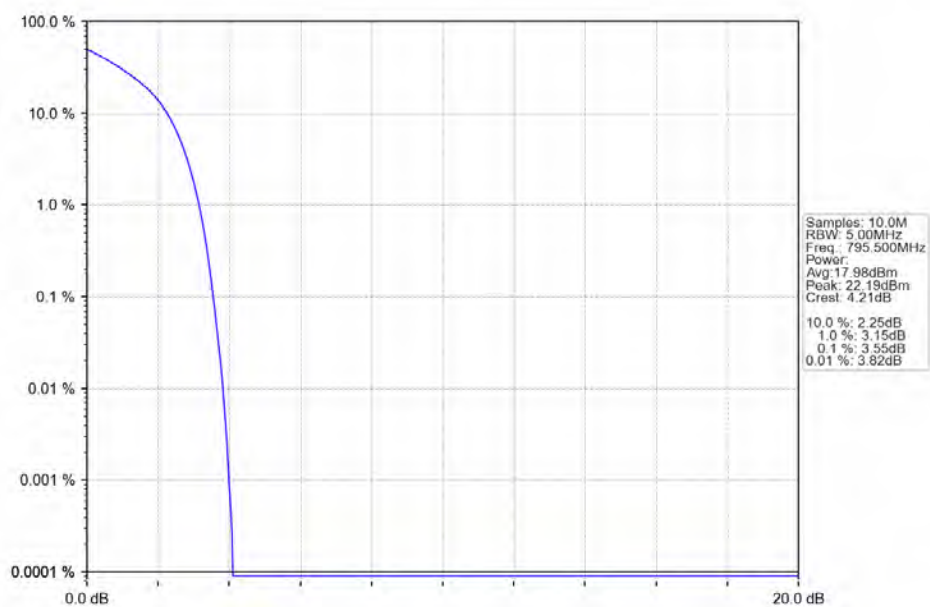
Band14 5MHz 16QAM LCH 790.5MHz RB 25 0 NTNV



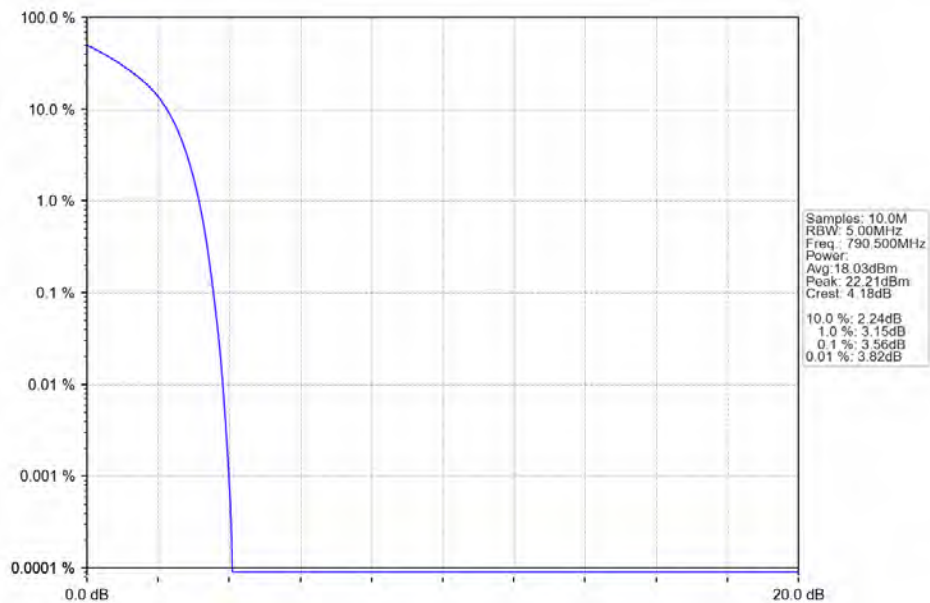
Band14 5MHz 16QAM MCH 793MHz RB 25 0 NTNV



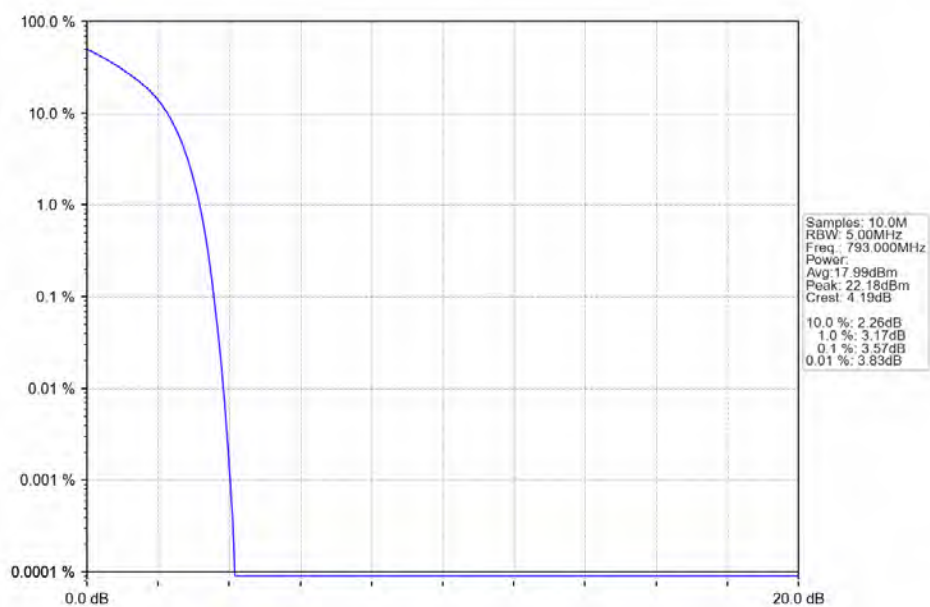
Band14 5MHz 16QAM HCH 795.5MHz RB 25 0 NTNV



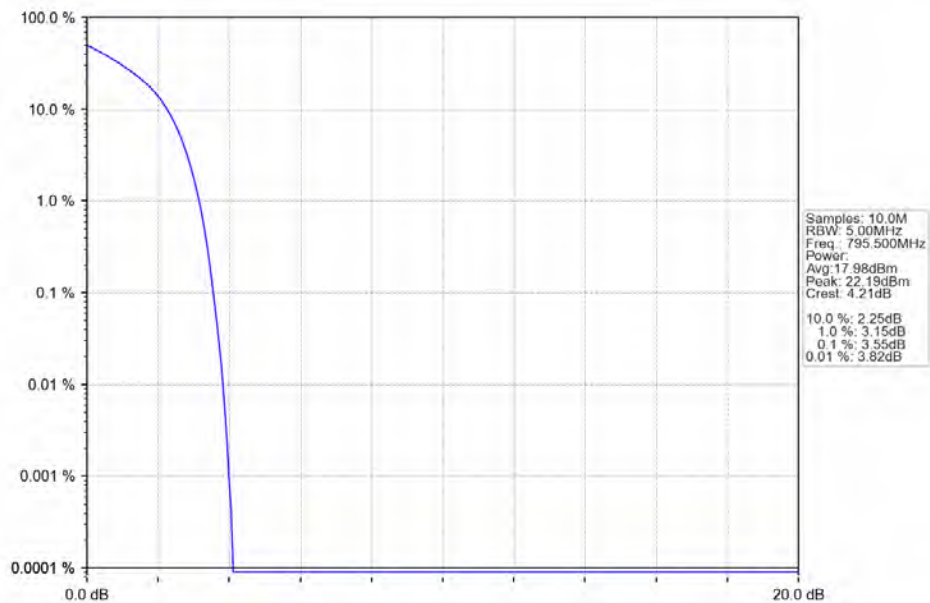
Band14 5MHz 64QAM LCH 790.5MHz RB 25 0 NTNV



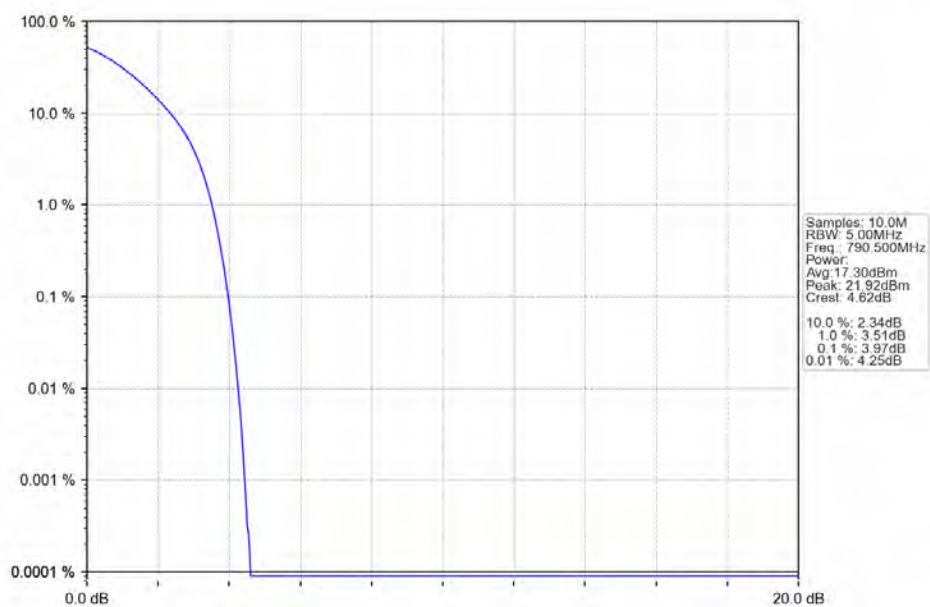
Band14 5MHz 64QAM MCH 793MHz RB 25 0 NTNV



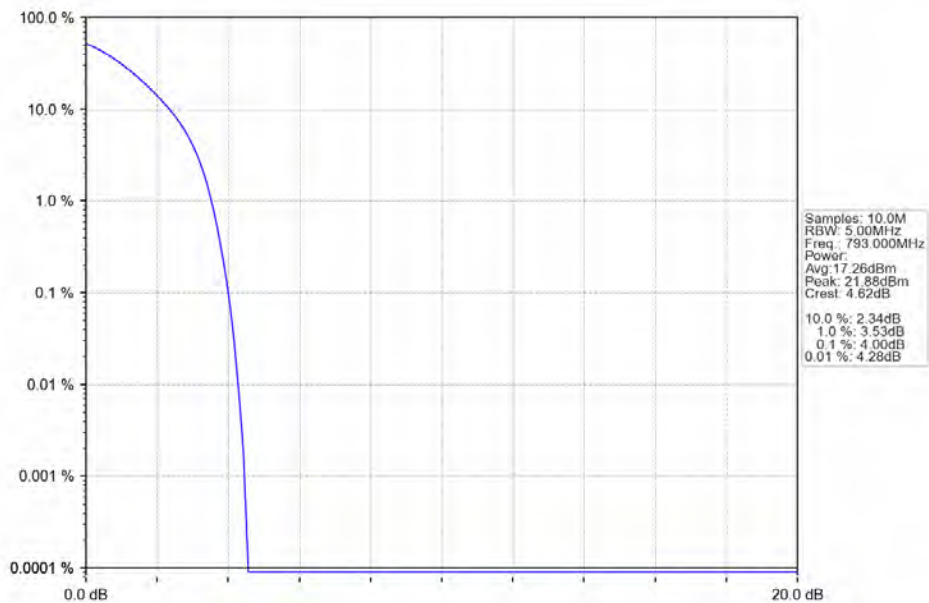
Band14 5MHz 64QAM HCH 795.5MHz RB 25 0 NTV



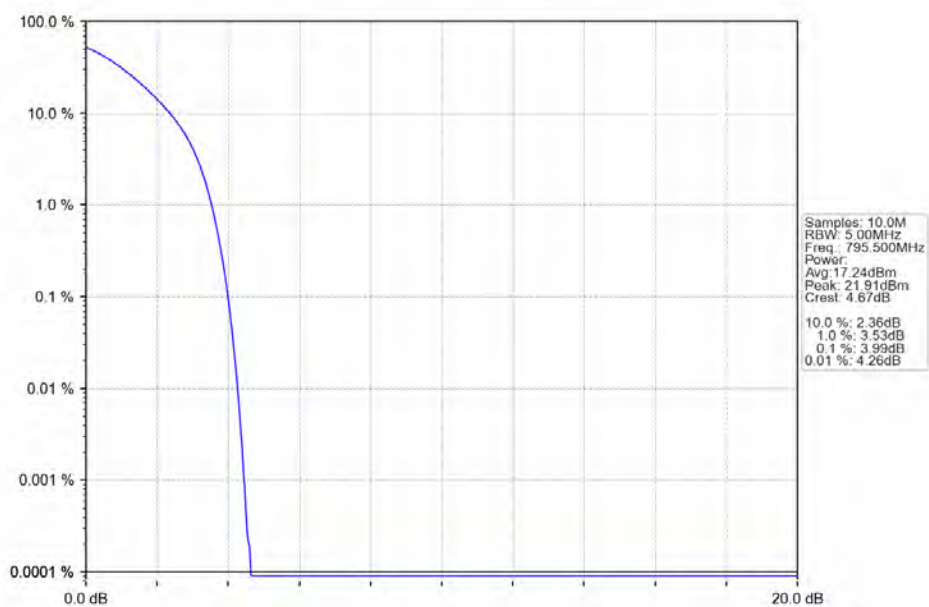
Band14 5MHz 256QAM LCH 790.5MHz RB 25 0 NTV



Band14 5MHz 256QAM MCH 793MHz RB 25 0 NTNV

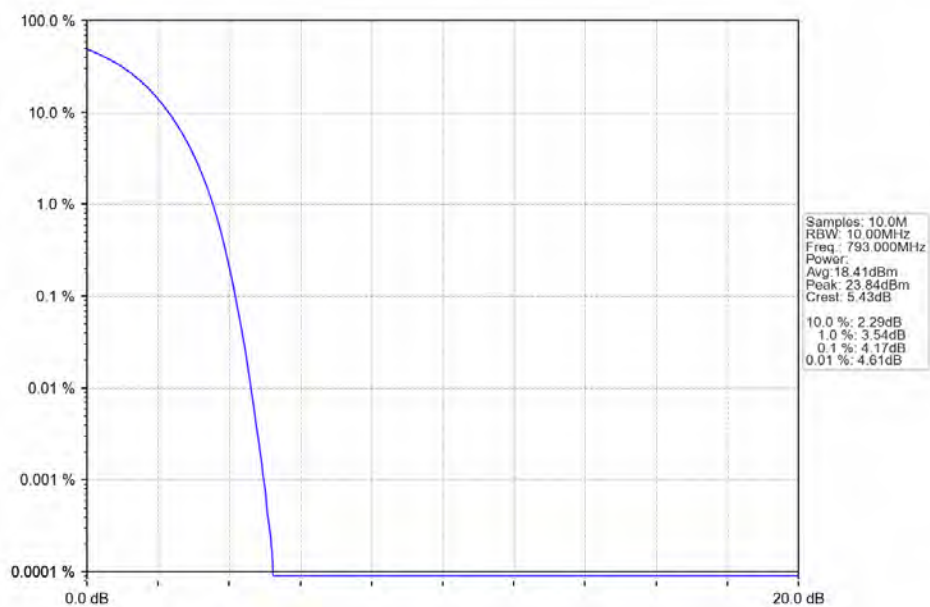


Band14 5MHz 256QAM HCH 795.5MHz RB 25 0 NTNV

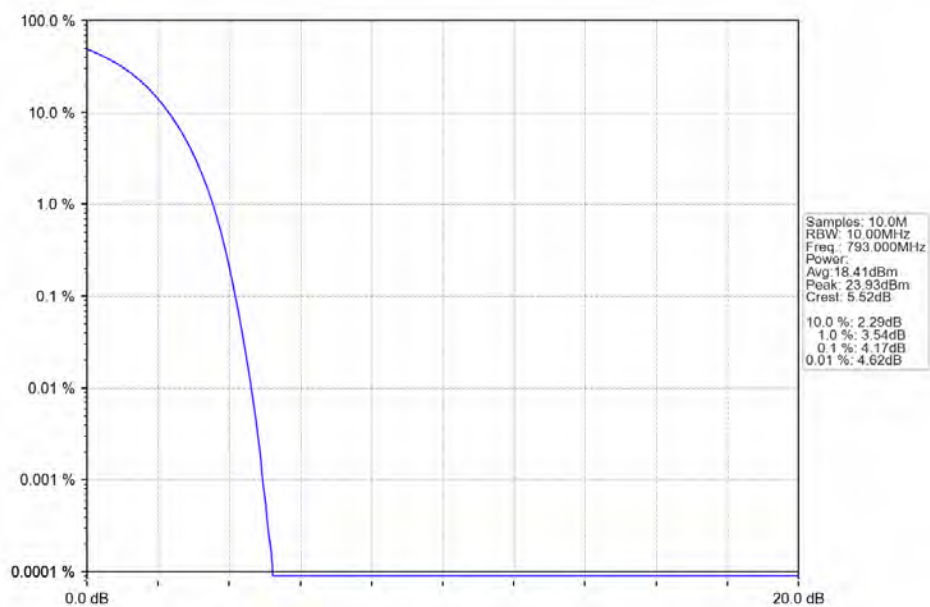


4.2.2 B14_10MHz

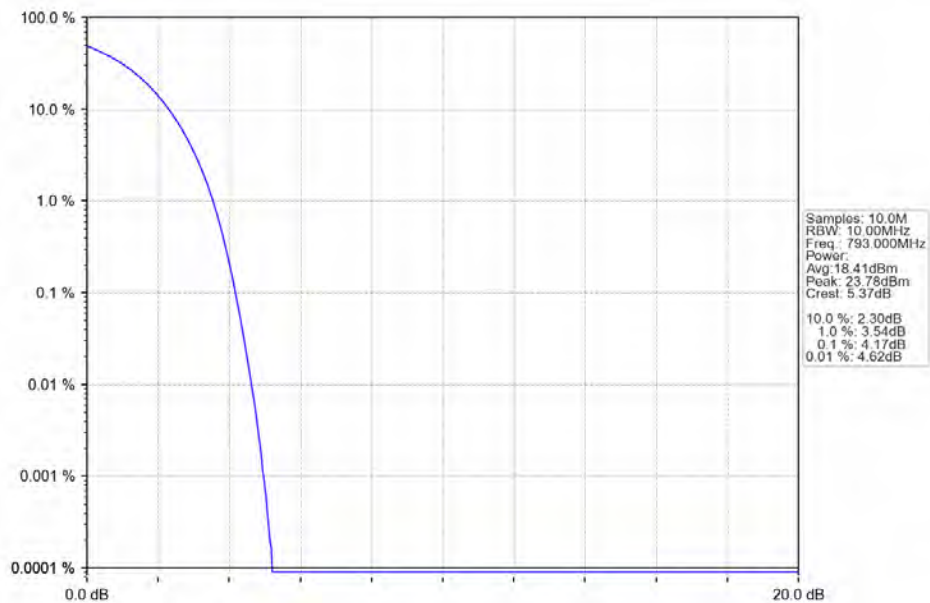
Band14_10MHz_QPSK_MCH_793MHz_RB_50_0_NTNV



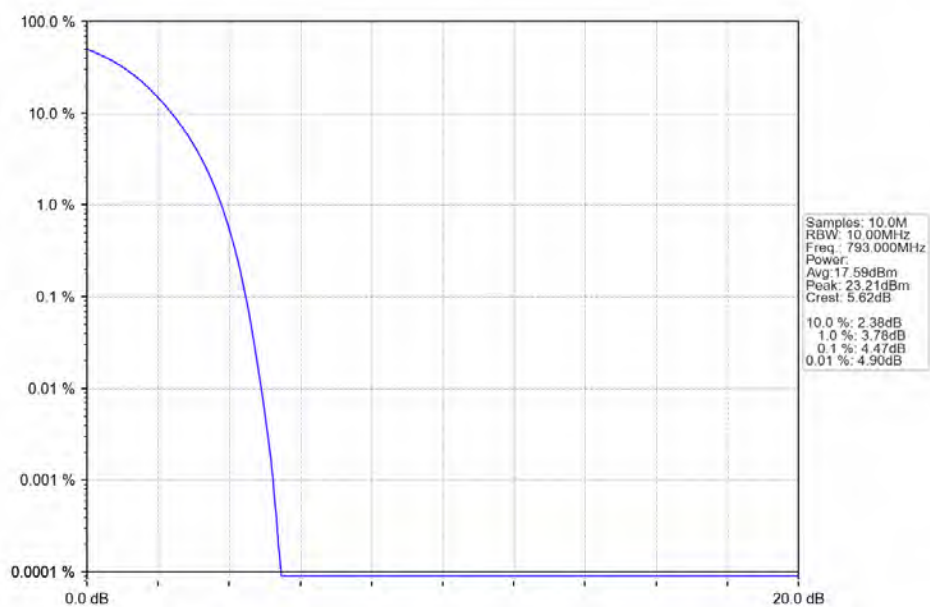
Band14_10MHz_16QAM_MCH_793MHz_RB_50_0_NTNV



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



Band14 10MHz 256QAM 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
	795.5	1	0	Refer To Test Graph		Pass
		1	24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	790.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	795.5	1	0	Refer To Test Graph		Pass
		1	24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
64QAM	790.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	795.5	1	0	Refer To Test Graph		Pass
		1	24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
256QAM	790.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	795.5	1	0	Refer To Test Graph		Pass
		1	24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

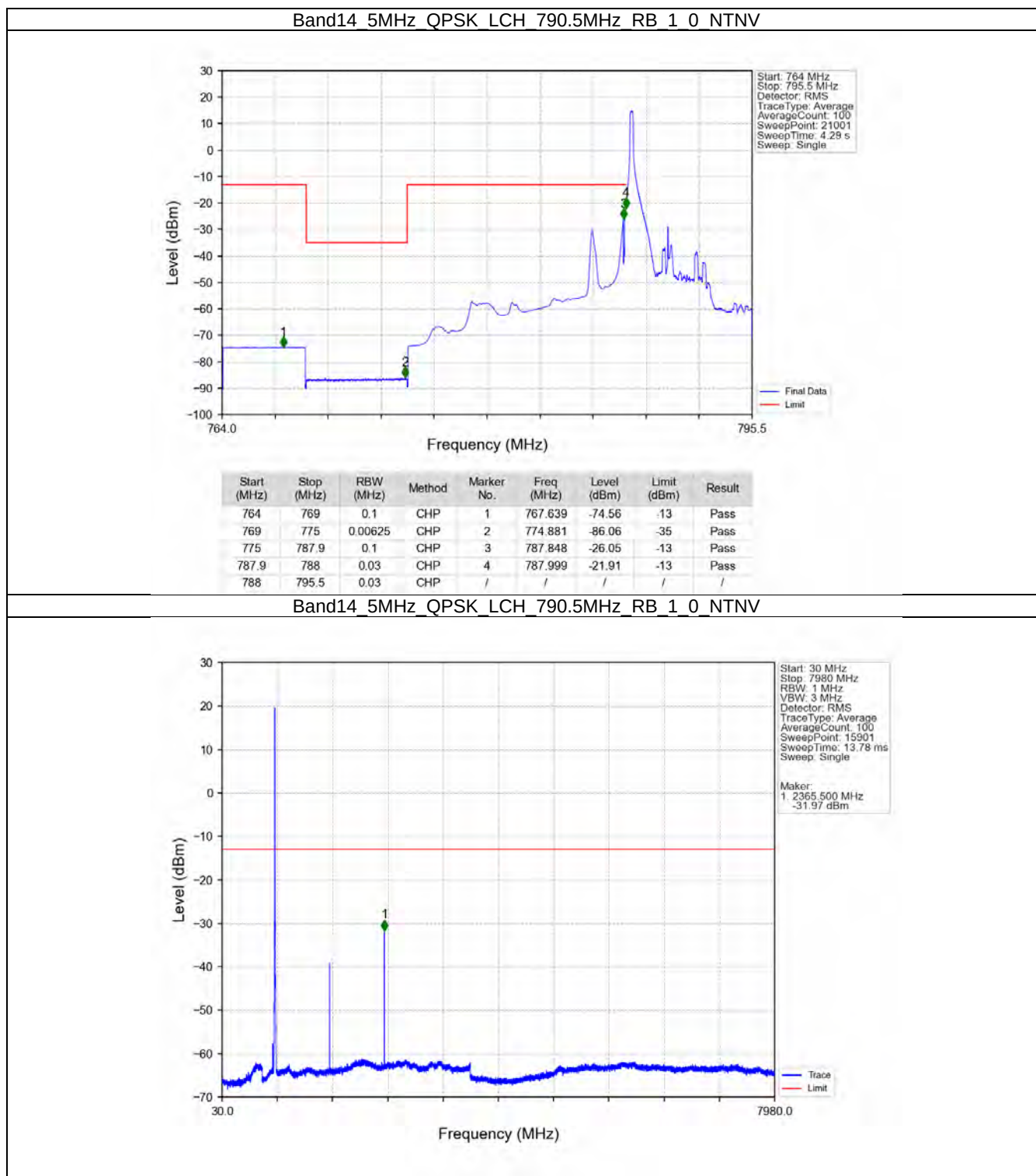
5.1.2 B14_10MHz

Band: 14 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		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
16QAM	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
64QAM	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
256QAM	793	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	793	1	49	Refer To Test Graph		Pass

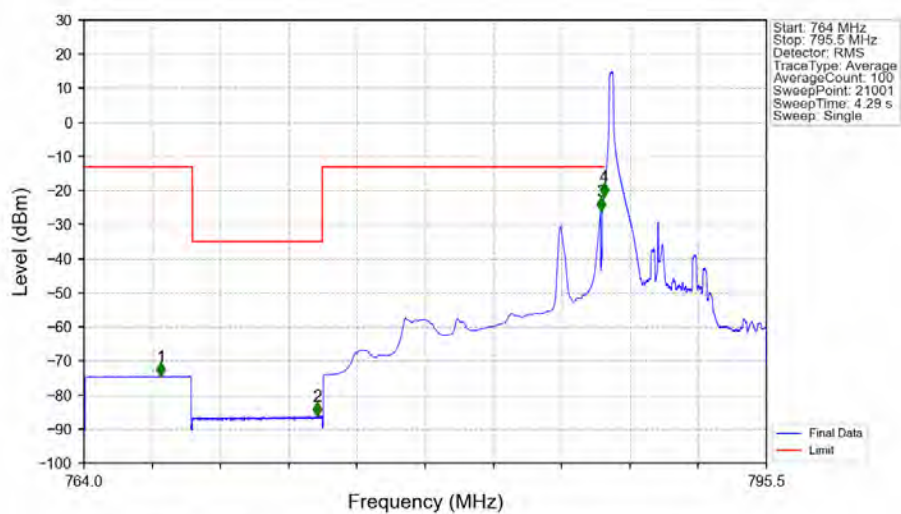
		50	0	Refer To Test Graph	Pass
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5.2 Test Graph

5.2.1 B14_5MHz

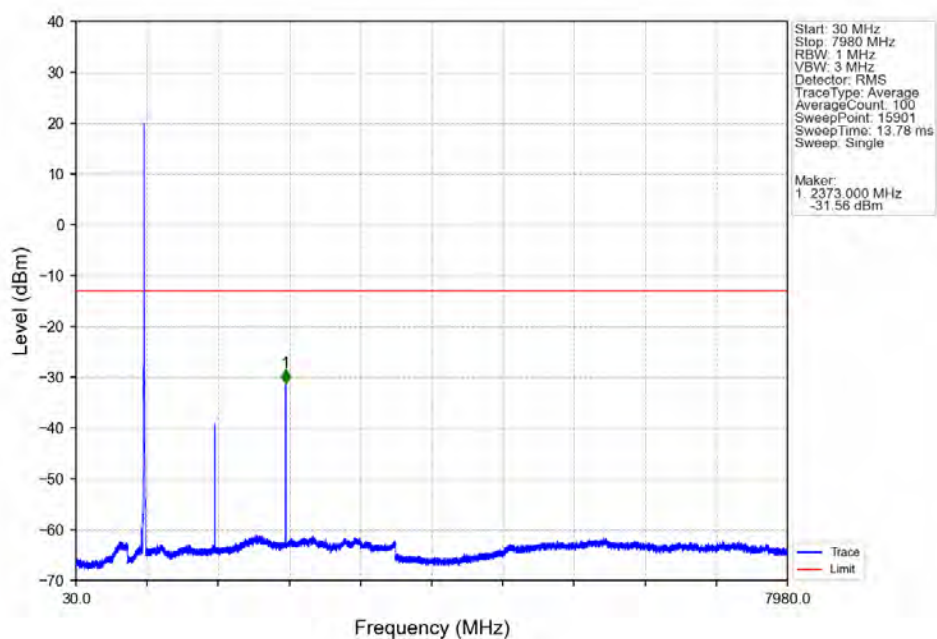


Band14 5MHz QPSK LCH 790.5MHz RB 25 0 NTNV

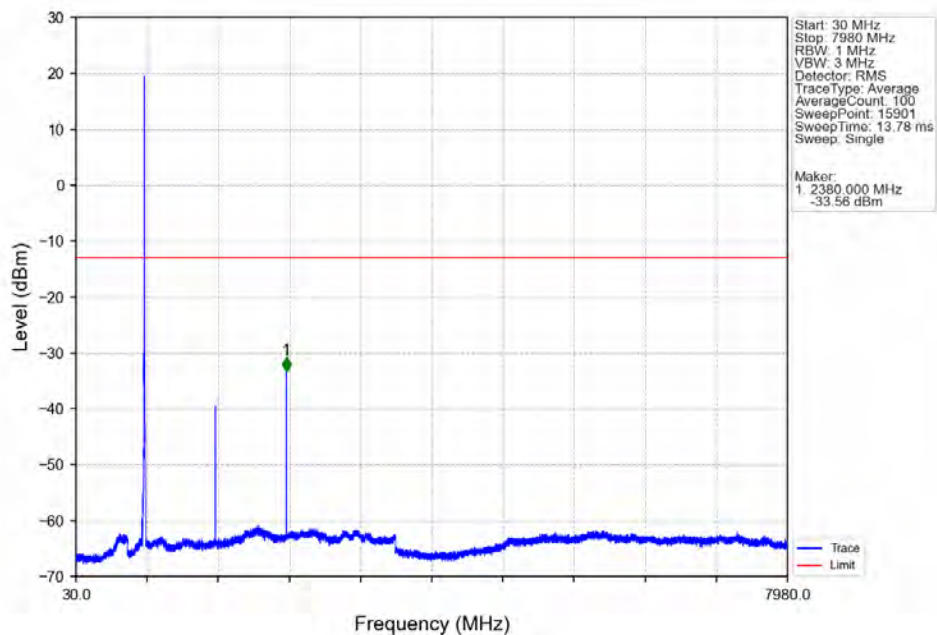


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	769	0.1	CHP	1	767.543	-74.58	-13	Pass
769	775	0.00625	CHP	2	774.758	-86.09	-35	Pass
775	787.9	0.1	CHP	3	787.848	-26.10	-13	Pass
787.9	788	0.03	CHP	4	787.999	-21.85	-13	Pass
788	795.5	0.03	CHP	/	/	/	/	/

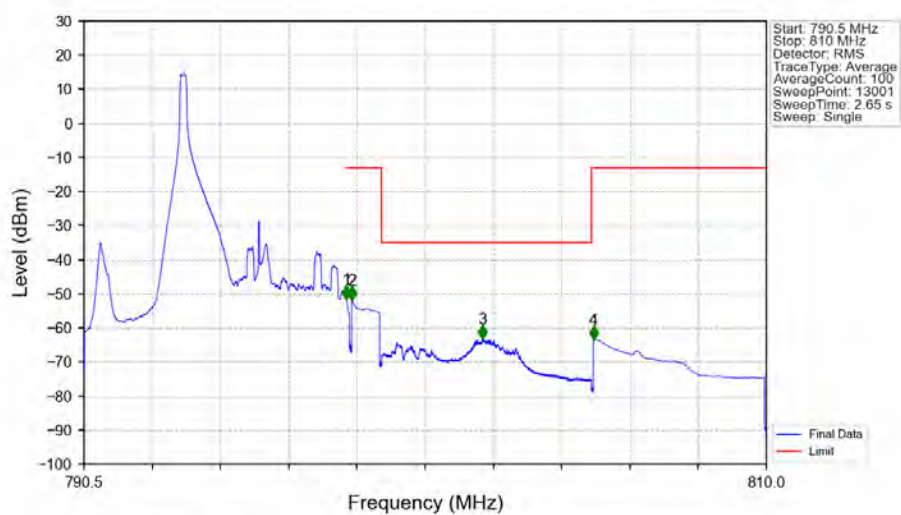
Band14 5MHz QPSK MCH 793MHz RB 1 0 NTNV



Band14 5MHz QPSK HCH 795.5MHz RB 1 0 NTN

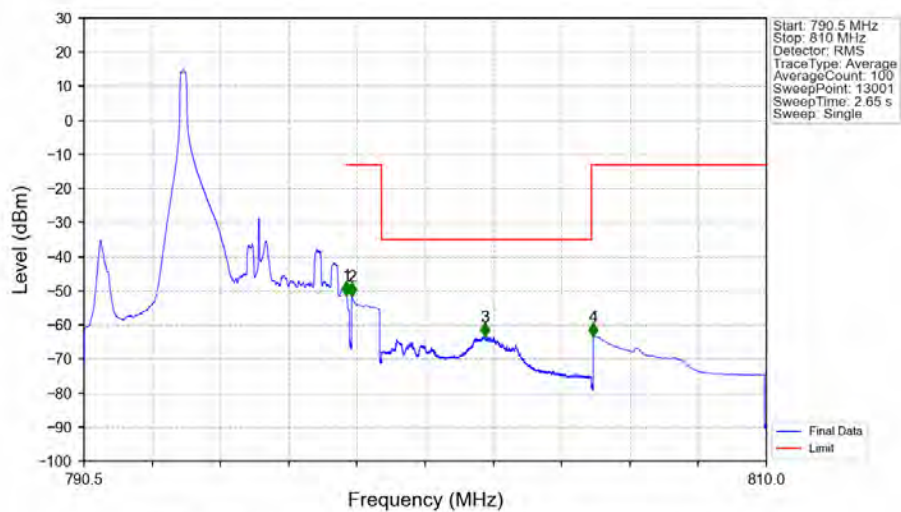


Band14 5MHz QPSK HCH 795.5MHz RB 1 24 NTN



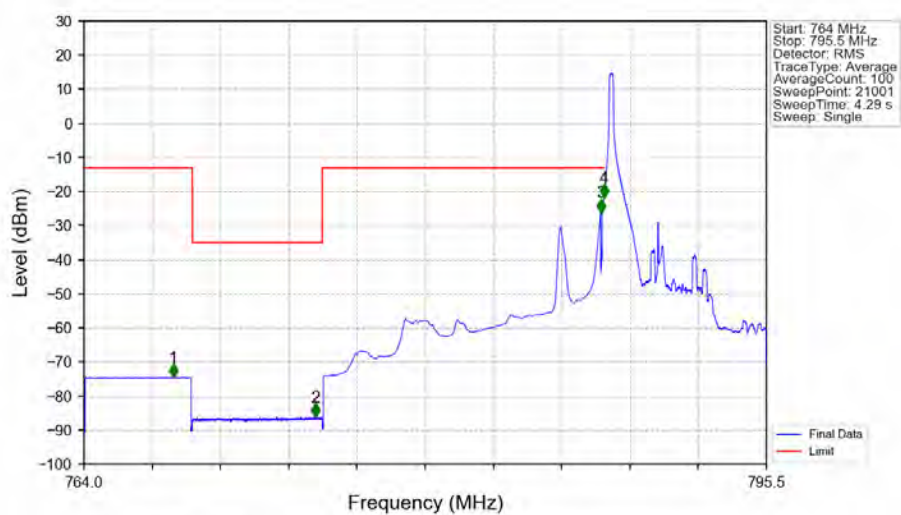
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
790.5	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	1	798.001	-51.62	-13	Pass
798.1	799	0.1	CHP	2	798.152	-51.76	-13	Pass
799	805	0.00625	CHP	3	801.891	-63.30	-35	Pass
805	810	0.1	CHP	4	805.063	-63.42	-13	Pass

Band14 5MHz QPSK HCH 795.5MHz RB 25 0 NTV



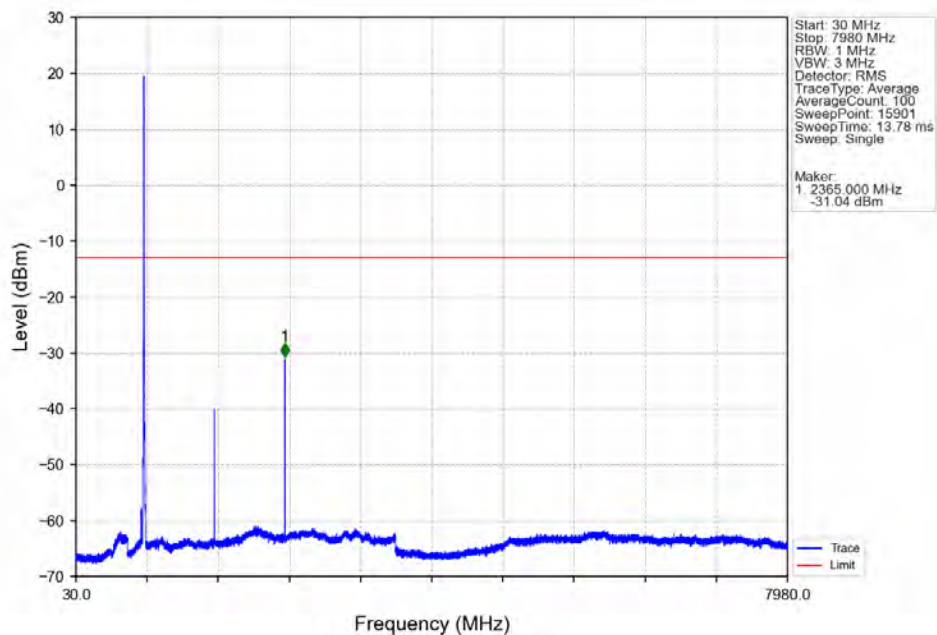
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
790.5	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	1	798.001	-51.40	-13	Pass
798.1	799	0.1	CHP	2	798.152	-51.68	-13	Pass
799	805	0.00625	CHP	3	801.958	-63.48	-35	Pass
805	810	0.1	CHP	4	805.052	-63.42	-13	Pass

Band14 5MHz 16QAM LCH 790.5MHz RB 1 0 NTV

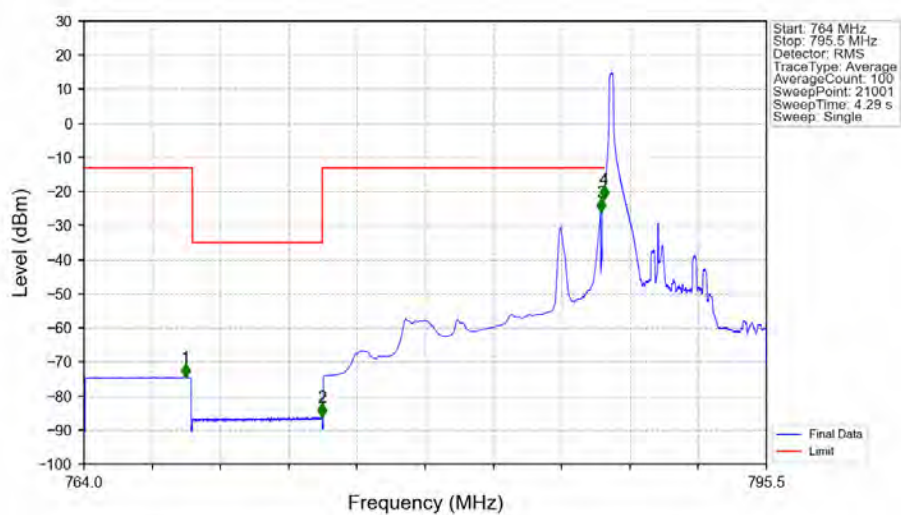


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	769	0.1	CHP	1	768.115	-74.59	-13	Pass
769	775	0.00625	CHP	2	774.684	-86.18	-35	Pass
775	787.9	0.1	CHP	3	787.848	-26.17	-13	Pass
787.9	788	0.03	CHP	4	787.999	-21.90	-13	Pass
788	795.5	0.03	CHP	/	/	/	/	/

Band14 5MHz 16QAM LCH 790.5MHz RB 1 0 NTV

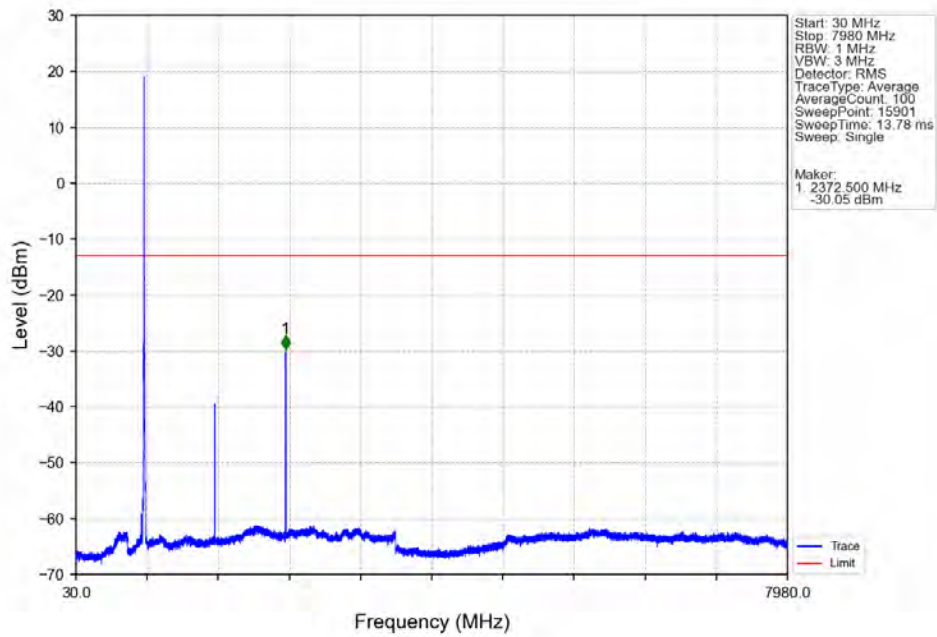


Band14 5MHz 16QAM LCH 790.5MHz RB 25 0 NTV

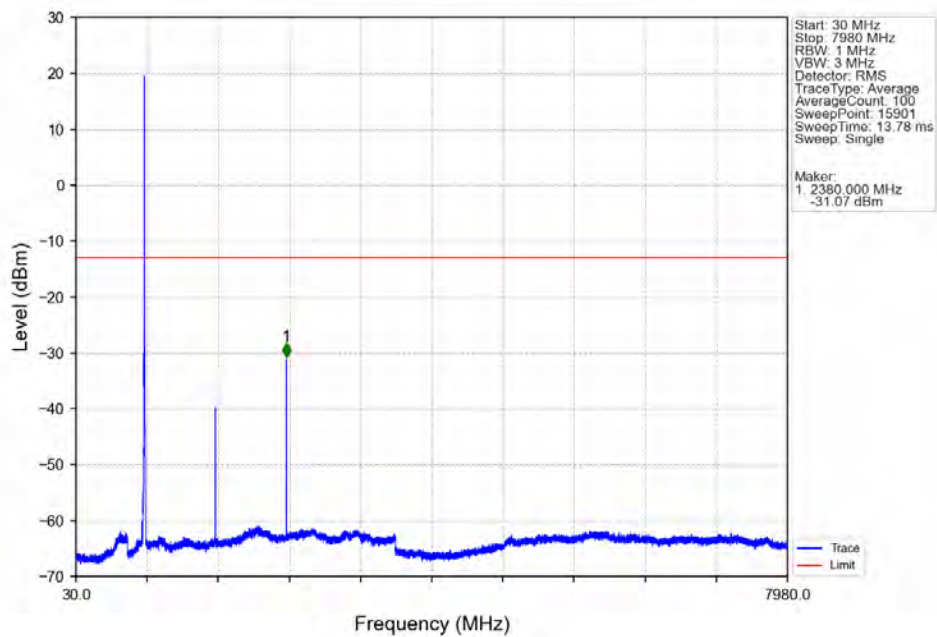


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	769	0.1	CHP	1	769.682	-74.56	-13	Pass
769	775	0.00625	CHP	2	774.972	-86.21	-35	Pass
775	787.9	0.1	CHP	3	787.848	-26.02	-13	Pass
787.9	788	0.03	CHP	4	787.999	-22.15	-13	Pass
788	795.5	0.03	CHP	/	/	/	/	/

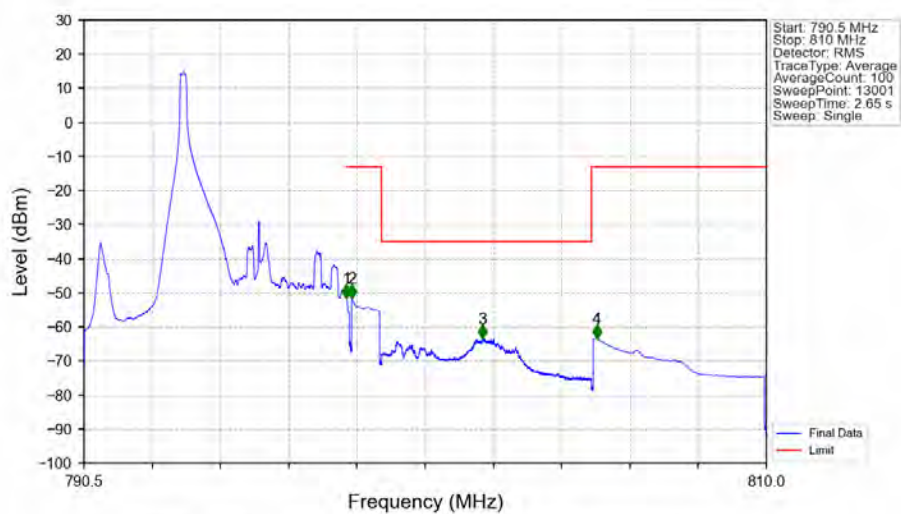
Band14 5MHz 16QAM MCH 793MHz RB 1 0 NTN



Band14 5MHz 16QAM HCH 795.5MHz RB 1 0 NTN

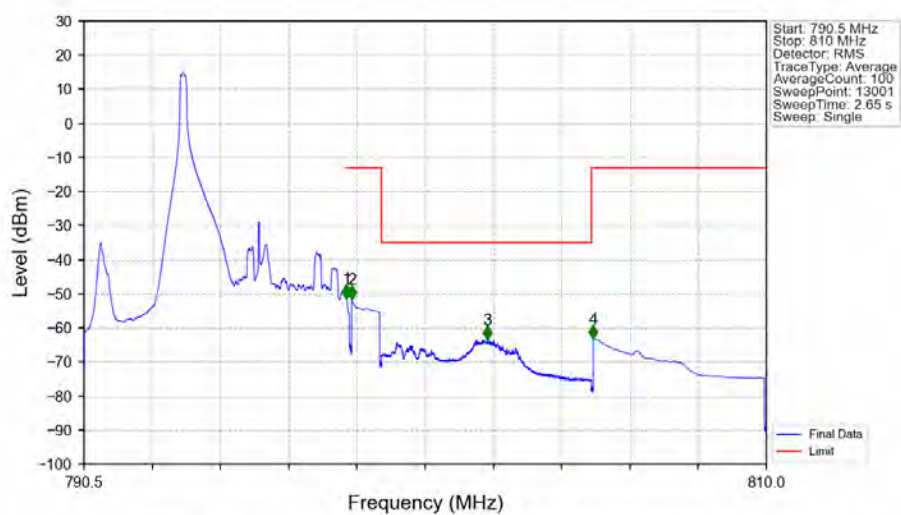


Band14 5MHz 16QAM HCH 795.5MHz RB 1 24 NTV



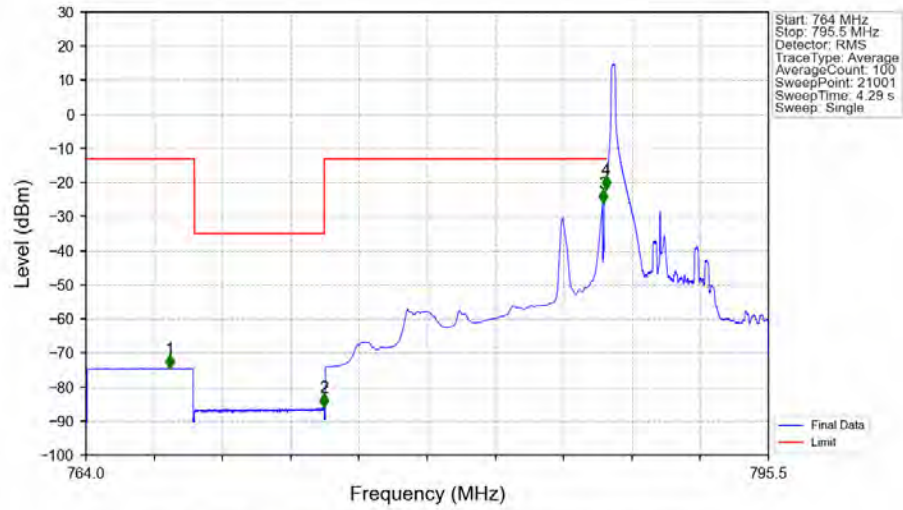
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
790.5	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	1	798.001	-51.52	-13	Pass
798.1	799	0.1	CHP	2	798.152	-51.64	-13	Pass
799	805	0.00625	CHP	3	801.889	-63.51	-35	Pass
805	810	0.1	CHP	4	805.154	-63.41	-13	Pass

Band14 5MHz 16QAM HCH 795.5MHz RB 25 0 NTV



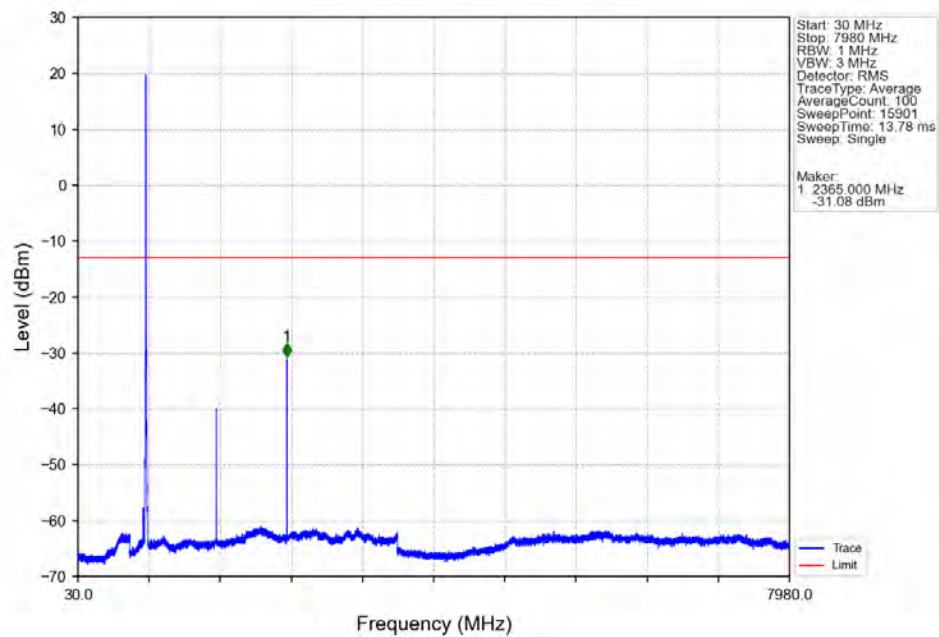
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
790.5	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	1	798.001	-51.41	-13	Pass
798.1	799	0.1	CHP	2	798.152	-51.73	-13	Pass
799	805	0.00625	CHP	3	802.034	-63.51	-35	Pass
805	810	0.1	CHP	4	805.052	-63.33	-13	Pass

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

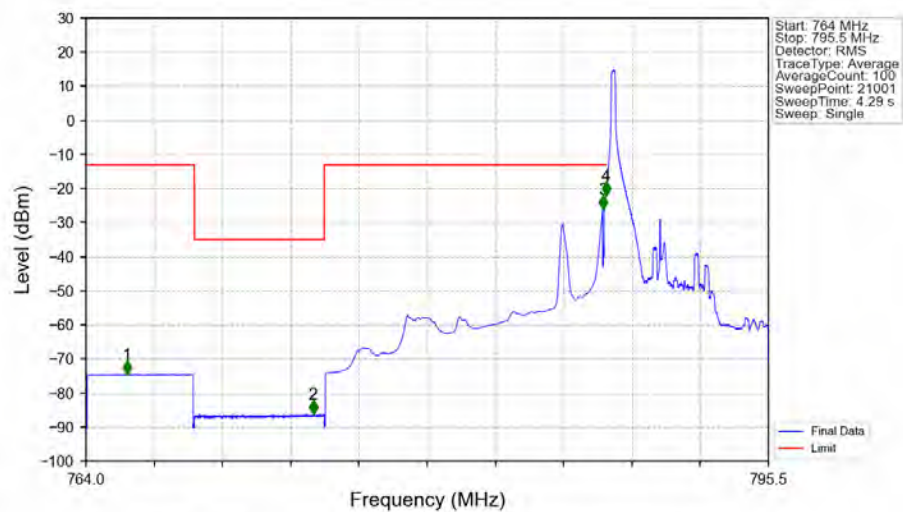


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	769	0.1	CHP	1	767.867	-74.56	-13	Pass
769	775	0.00625	CHP	2	774.989	-86.06	-35	Pass
775	787.9	0.1	CHP	3	787.848	-26.08	-13	Pass
787.9	788	0.03	CHP	4	787.999	-22.05	-13	Pass
788	795.5	0.03	CHP	/	/	/	/	/

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

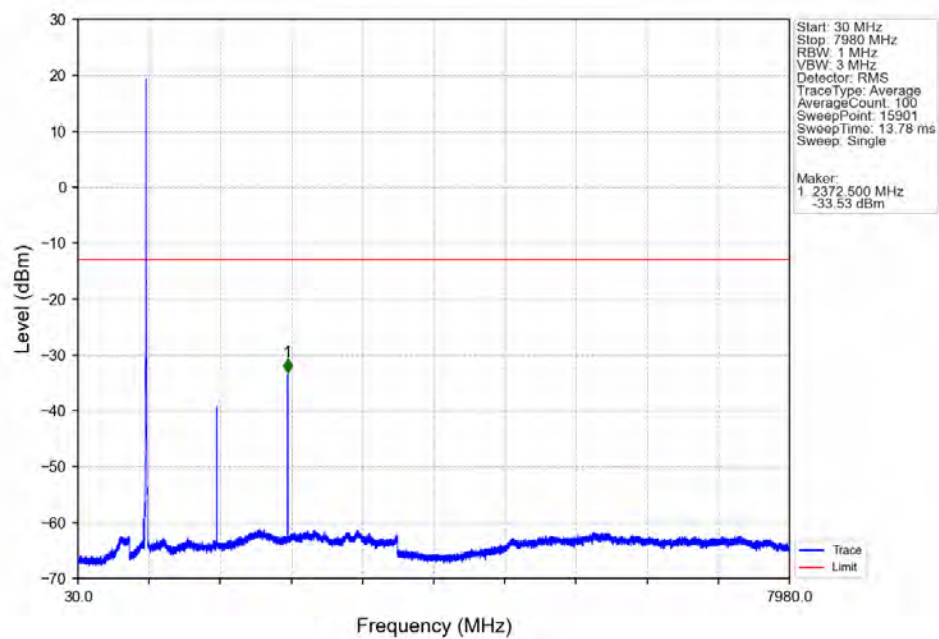


Band14 5MHz 64QAM LCH 790.5MHz RB 25 0 NTNV

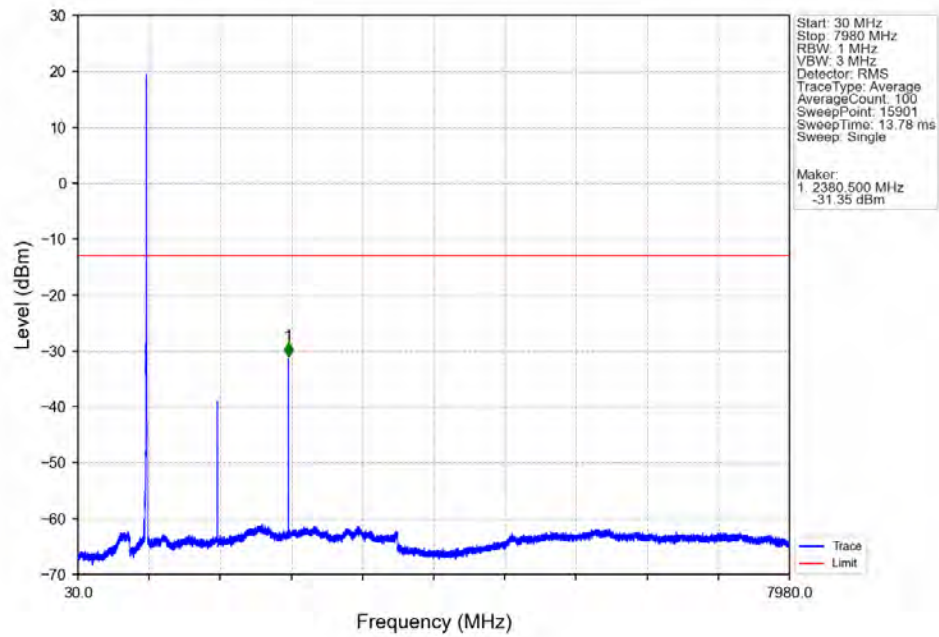


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	769	0.1	CHP	1	765.883	-74.56	-13	Pass
769	775	0.00625	CHP	2	774.488	-86.20	-35	Pass
775	787.9	0.1	CHP	3	787.848	-26.14	-13	Pass
787.9	788	0.03	CHP	4	787.999	-22.06	-13	Pass
788	795.5	0.03	CHP	/	/	/	/	/

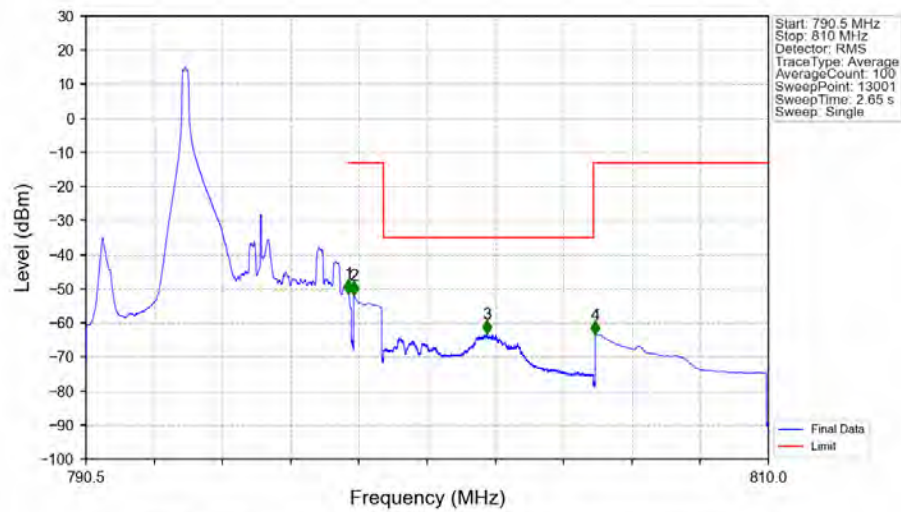
Band14 5MHz 64QAM MCH 793MHz RB 1 0 NTNV



Band14 5MHz 64QAM HCH 795.5MHz RB 1 0 NTV

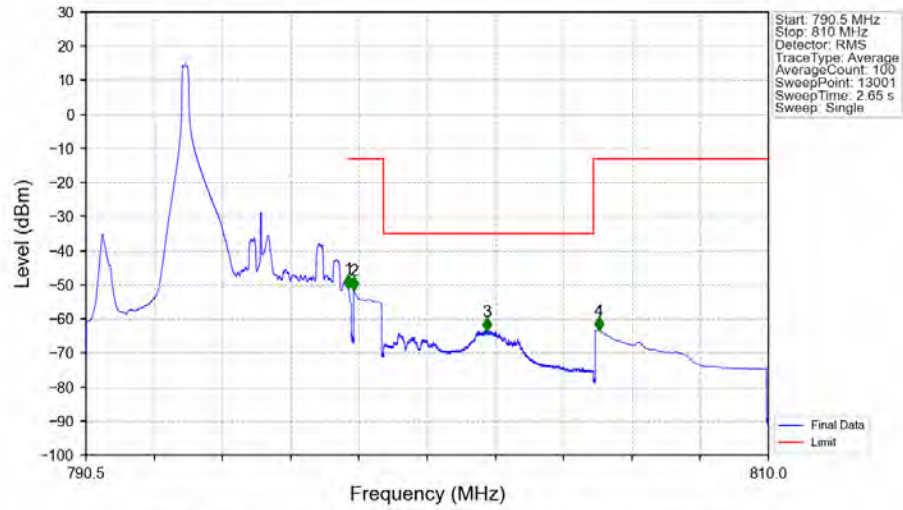


Band14 5MHz 64QAM HCH 795.5MHz RB 1 24 NTV



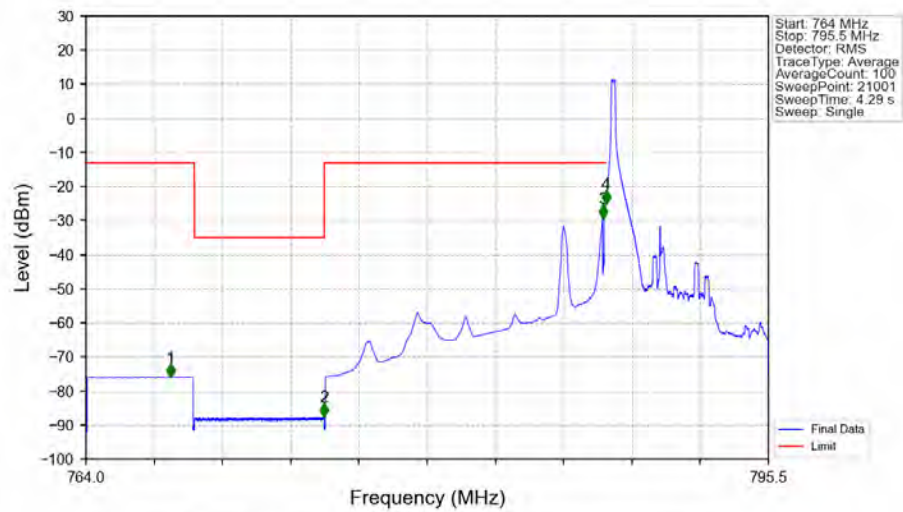
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
790.5	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	1	798.001	-51.29	-13	Pass
798.1	799	0.1	CHP	2	798.152	-51.77	-13	Pass
799	805	0.00625	CHP	3	801.963	-63.32	-35	Pass
805	810	0.1	CHP	4	805.052	-63.36	-13	Pass

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



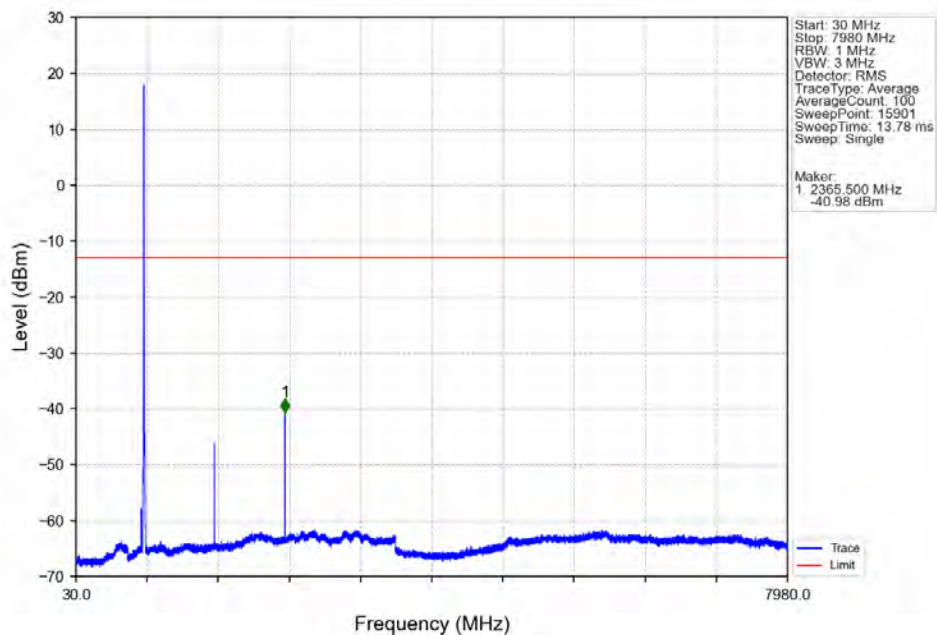
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
790.5	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	1	798.001	-51.21	-13	Pass
798.1	799	0.1	CHP	2	798.152	-51.71	-13	Pass
799	805	0.00625	CHP	3	801.960	-63.61	-35	Pass
805	810	0.1	CHP	4	805.152	-63.38	-13	Pass

Band14 5MHz 256QAM LCH 790.5MHz RB 1 0 NTV

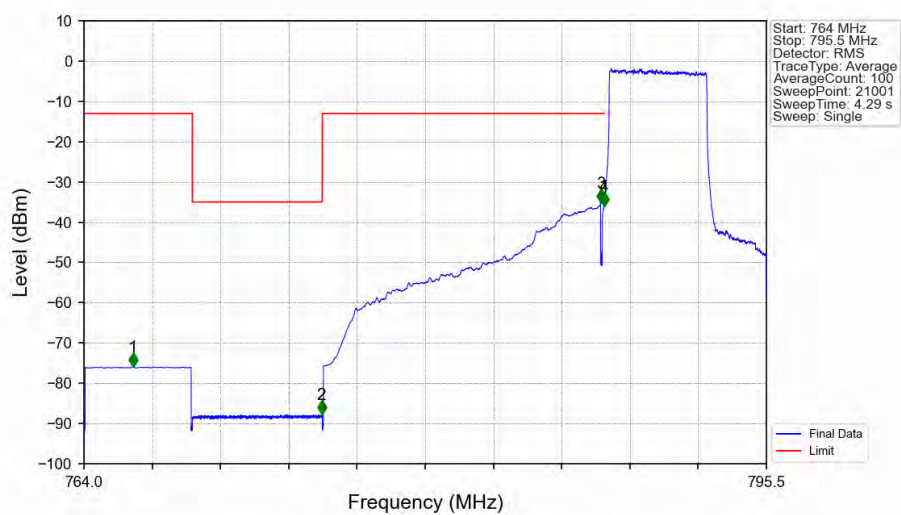


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	769	0.1	CHP	1	767.894	-75.93	-13	Pass
769	775	0.00625	CHP	2	774.983	-87.56	-35	Pass
775	787.9	0.1	CHP	3	787.848	-29.34	-13	Pass
787.9	788	0.03	CHP	4	787.999	-25.09	-13	Pass
788	795.5	0.03	CHP	/	/	/	/	/

Band14 5MHz 256QAM LCH 790.5MHz RB 1 0 NTNV

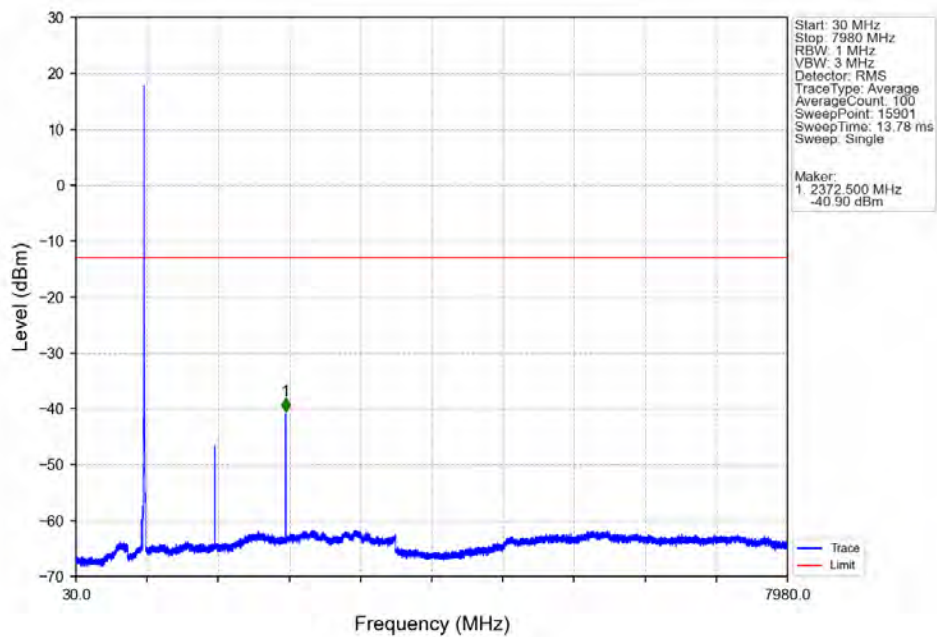


Band14 5MHz 256QAM LCH 790.5MHz RB 25 0 NTNV

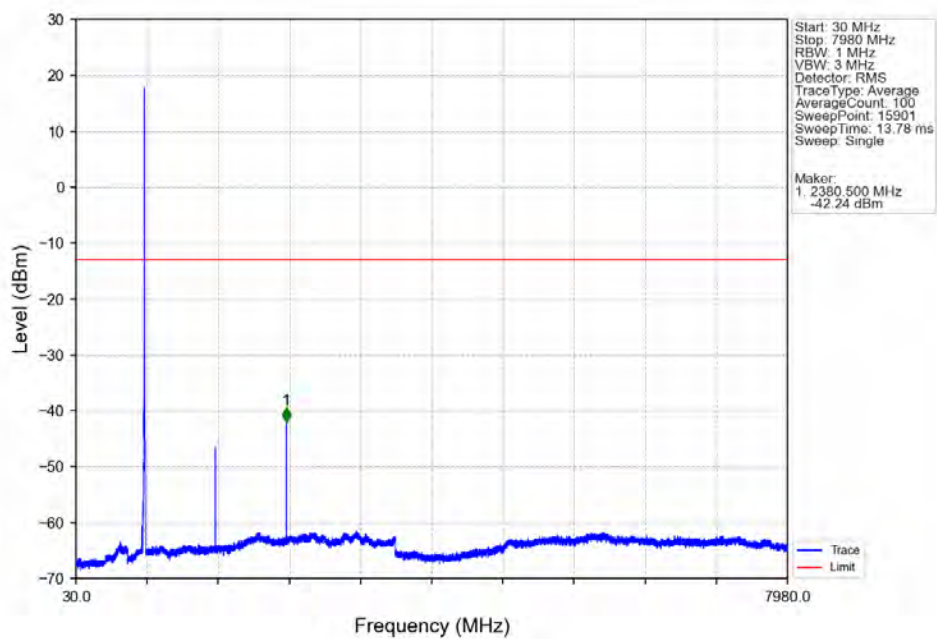


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	769	0.1	CHP	1	766.273	-75.95	-13	Pass
769	775	0.00625	CHP	2	774.970	-87.79	-35	Pass
775	787.9	0.1	CHP	3	787.848	-35.16	-13	Pass
787.9	788	0.03	CHP	4	787.999	-36.05	-13	Pass
788	795.5	0.03	CHP	/	/	/	/	/

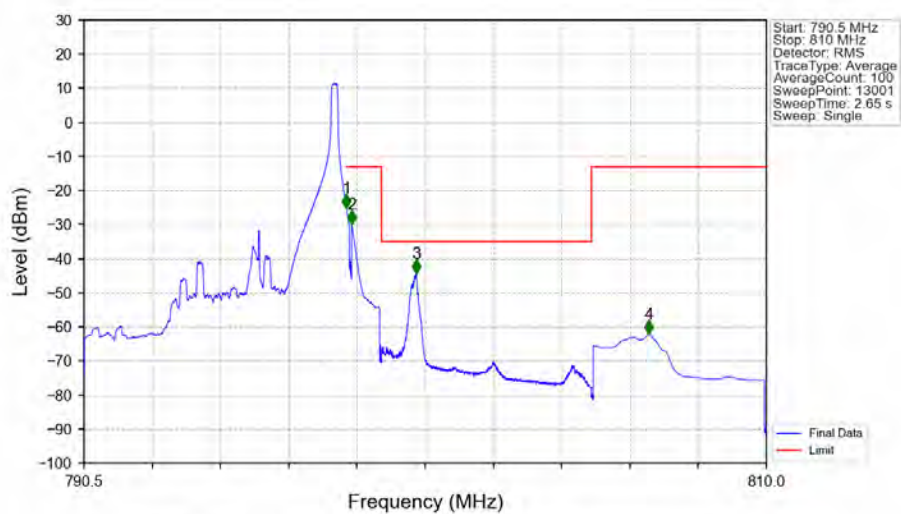
Band14 5MHz 256QAM MCH 793MHz RB 1 0 NTV



Band14 5MHz 256QAM HCH 795.5MHz RB 1 0 NTV

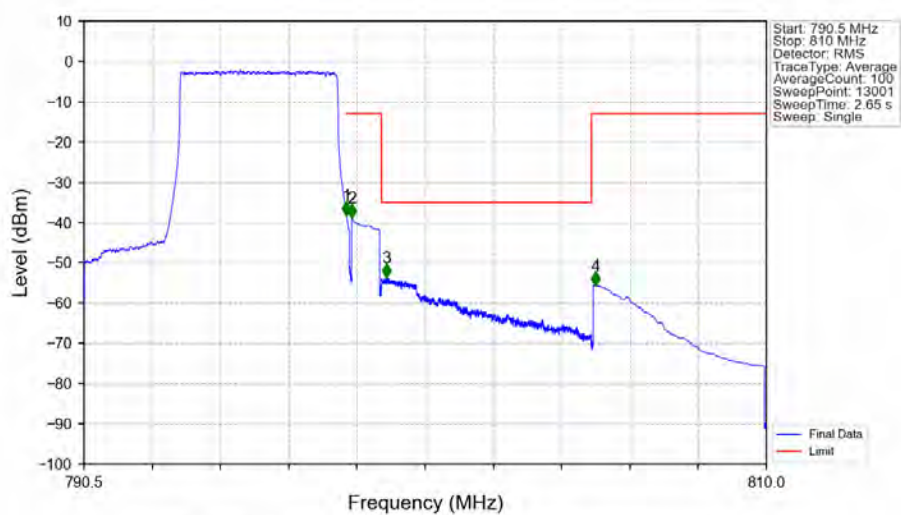


Band14 5MHz 256QAM HCH 795.5MHz RB 1 24 NTNV



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	-25.10	-13	Pass
798.1	799	0.1	CHP	2	798.152	-29.77	-13	Pass
799	805	0.00625	CHP	3	799.996	-44.29	-35	Pass
805	810	0.1	CHP	4	806.643	-62.12	-13	Pass

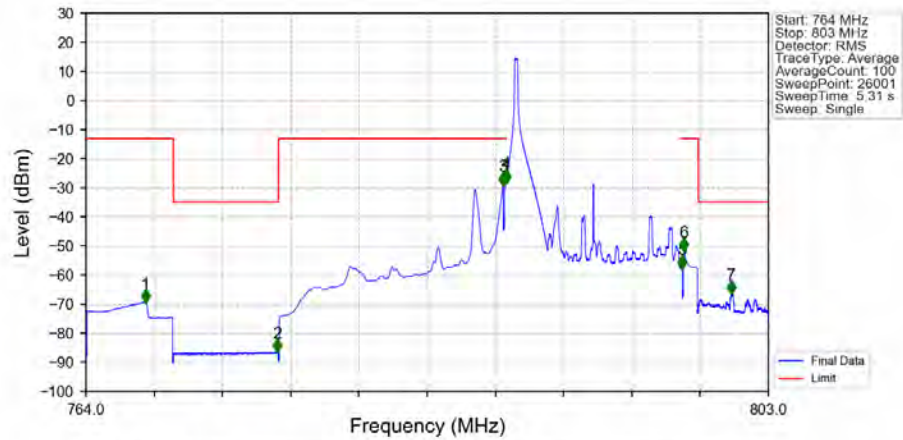
Band14 5MHz 256QAM HCH 795.5MHz RB 25 0 NTNV



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	-38.18	-13	Pass
798.1	799	0.1	CHP	2	798.152	-38.79	-13	Pass
799	805	0.00625	CHP	3	799.148	-53.75	-35	Pass
805	810	0.1	CHP	4	805.120	-55.57	-13	Pass

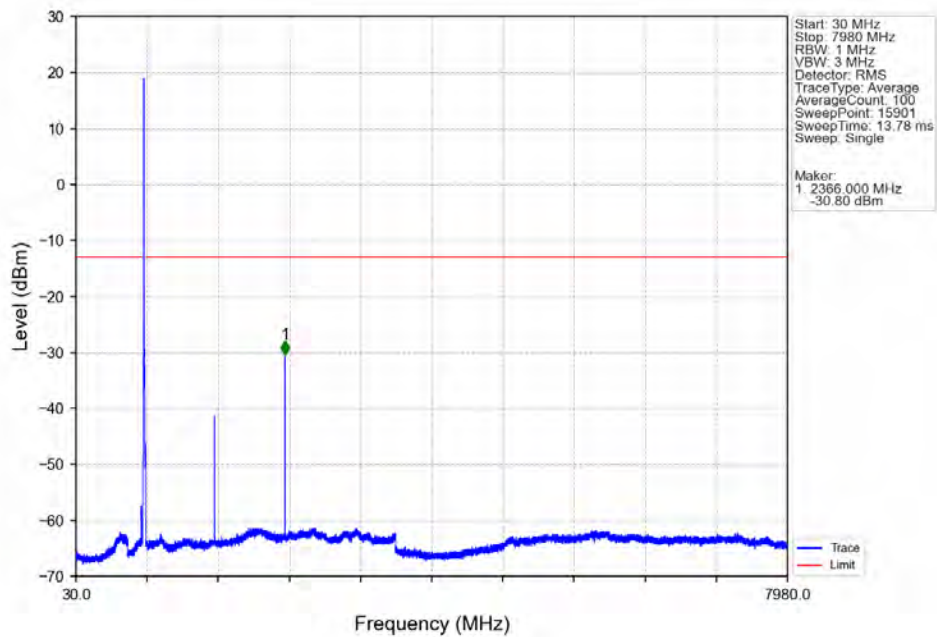
5.2.2 B14_10MHz

Band14_10MHz_QPSK_LCH_793MHz_RB_1_0_NTNV

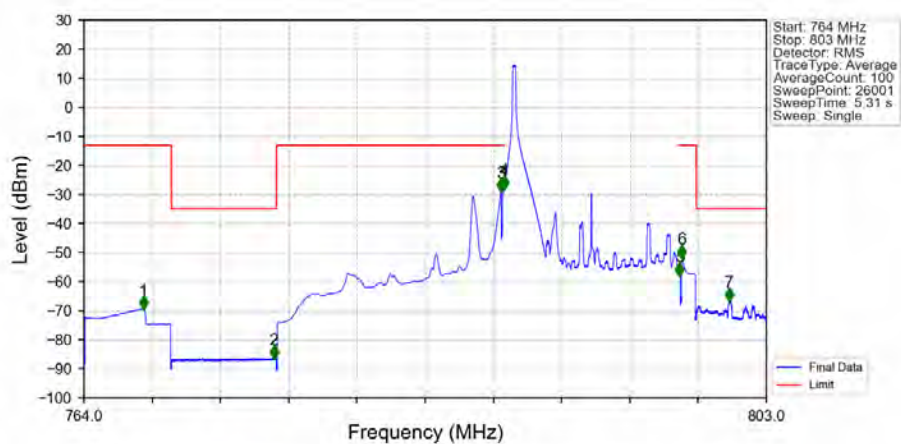


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	769	0.1	CHP	1	767.391	-69.33	-13	Pass
769	775	0.00625	CHP	2	774.914	-86.34	-35	Pass
775	787.9	0.1	CHP	3	787.848	-28.91	-13	Pass
787.9	788	0.03	CHP	4	787.999	-28.11	-13	Pass
788	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	5	798.061	-57.51	-13	Pass
798.1	799	0.1	CHP	6	798.150	-51.62	-13	Pass
799	803	0.00625	CHP	7	800.867	-66.24	-35	Pass

Band14_10MHz_QPSK_LCH_793MHz_RB_1_0_NTNV

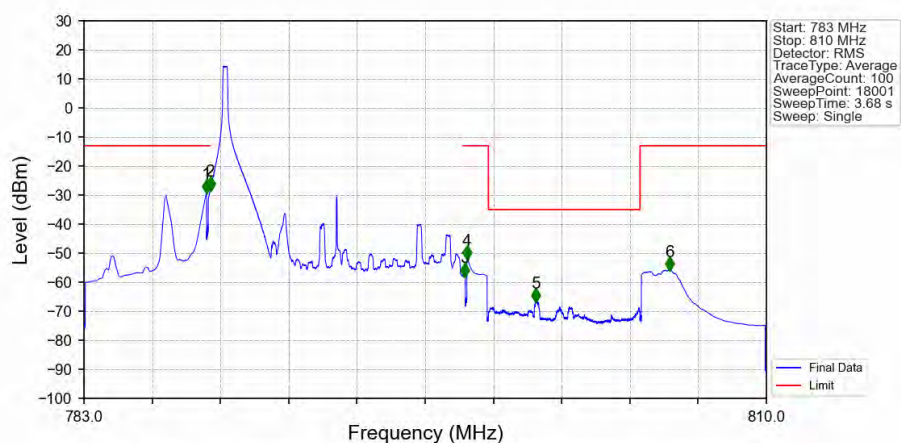


Band14 10MHz QPSK LCH 793MHz RB 50 0 NTNV



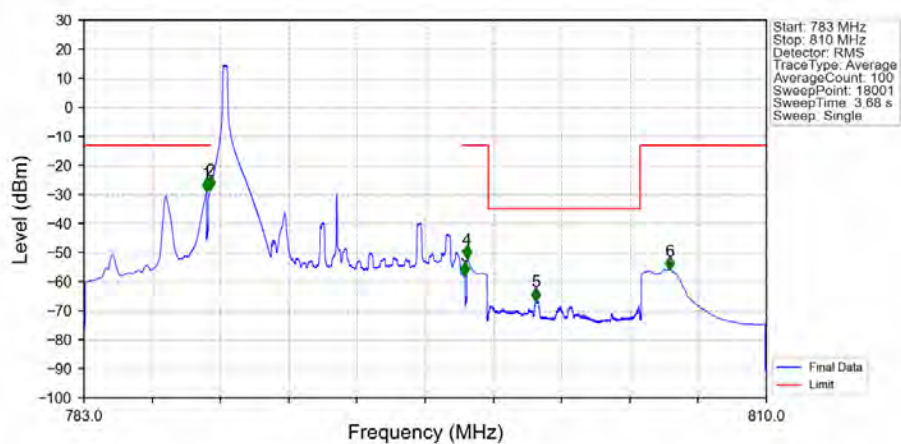
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	769	0.1	CHP	1	767.391	-69.39	-13	Pass
769	775	0.00625	CHP	2	774.860	-86.24	-35	Pass
775	787.9	0.1	CHP	3	787.848	-28.85	-13	Pass
787.9	788	0.03	CHP	4	787.999	-27.87	-13	Pass
788	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	5	798.043	-57.77	-13	Pass
798.1	799	0.1	CHP	6	798.150	-51.65	-13	Pass
799	803	0.00625	CHP	7	800.865	-66.60	-35	Pass

Band14 10MHz QPSK HCH 793MHz RB 1 49 NTNV



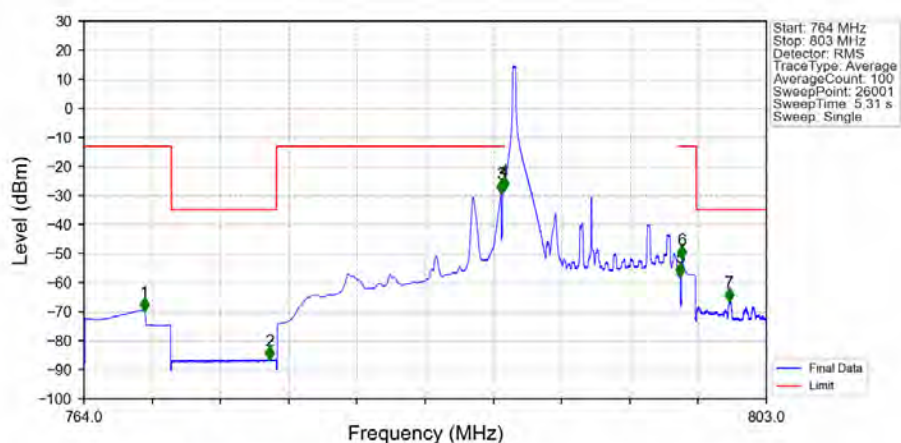
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
783	787.9	0.1	CHP	1	787.850	-28.87	-13	Pass
787.9	788	0.03	CHP	2	788.000	-28.08	-13	Pass
788	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	3	798.058	-57.78	-13	Pass
798.1	799	0.1	CHP	4	798.152	-51.74	-13	Pass
799	805	0.00625	CHP	5	800.874	-66.55	-35	Pass
805	810	0.1	CHP	6	806.175	-55.66	-13	Pass

Band14 10MHz QPSK HCH 793MHz RB 50 0 NTNV



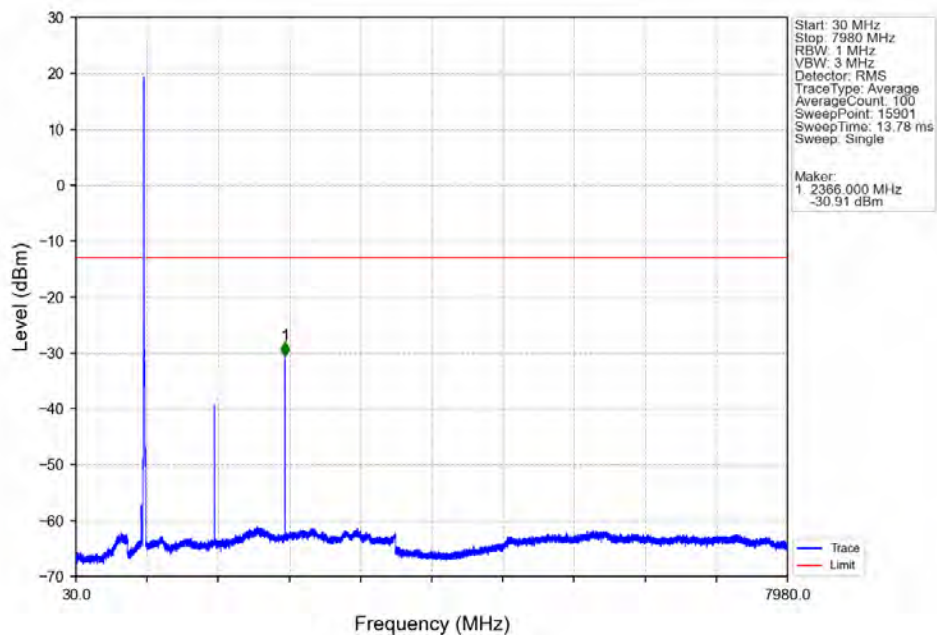
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
783	787.9	0.1	CHP	1	787.850	-28.84	-13	Pass
787.9	788	0.03	CHP	2	788.000	-27.99	-13	Pass
788	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	3	798.058	-57.51	-13	Pass
798.1	799	0.1	CHP	4	798.152	-51.78	-13	Pass
799	805	0.00625	CHP	5	800.872	-66.41	-35	Pass
805	810	0.1	CHP	6	806.173	-55.72	-13	Pass

Band14 10MHz 16QAM LCH 793MHz RB 1 0 NTNV

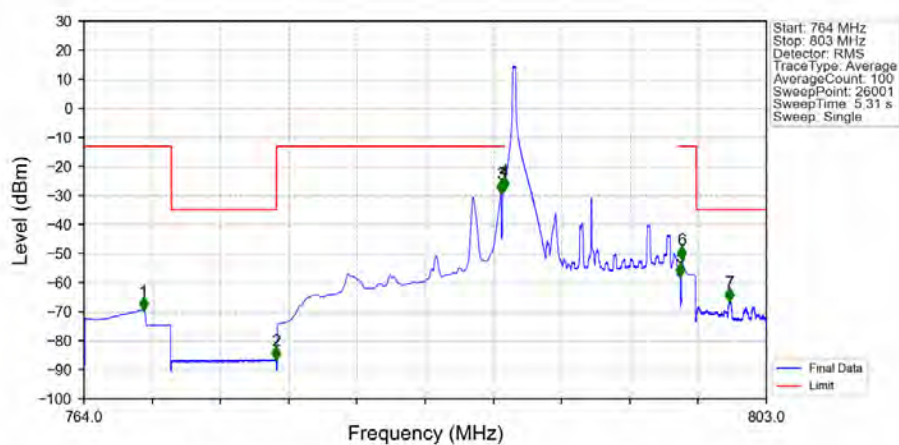


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	769	0.1	CHP	1	767.450	-69.50	-13	Pass
769	775	0.00625	CHP	2	774.602	-86.30	-35	Pass
775	787.9	0.1	CHP	3	787.848	-28.87	-13	Pass
787.9	788	0.03	CHP	4	787.999	-28.03	-13	Pass
788	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	5	798.062	-57.56	-13	Pass
798.1	799	0.1	CHP	6	798.150	-51.64	-13	Pass
799	803	0.00625	CHP	7	800.865	-66.24	-35	Pass

Band14 10MHz 16QAM LCH 793MHz RB 1 0 NTNV

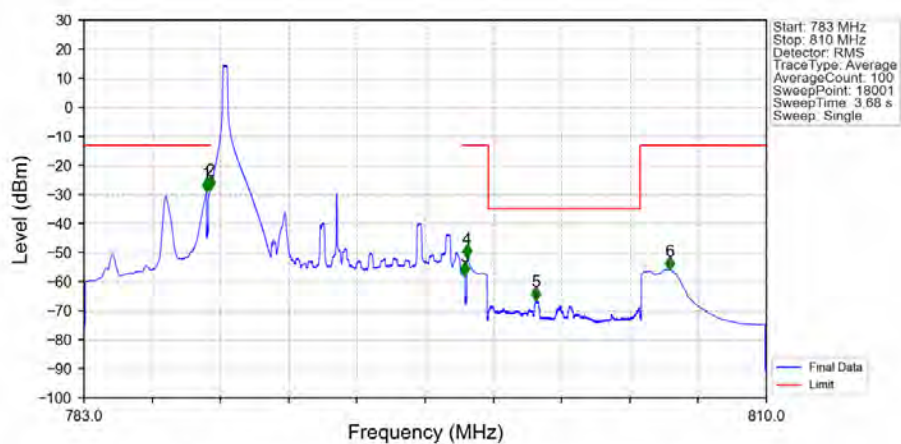


Band14 10MHz 16QAM LCH 793MHz RB 50 0 NTNV



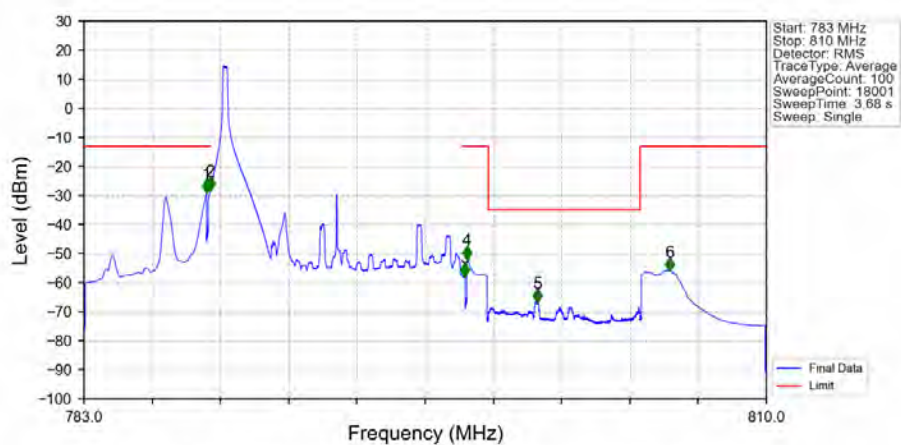
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	769	0.1	CHP	1	767.389	-69.32	-13	Pass
769	775	0.00625	CHP	2	774.979	-86.33	-35	Pass
775	787.9	0.1	CHP	3	787.848	-28.88	-13	Pass
787.9	788	0.03	CHP	4	787.999	-27.98	-13	Pass
788	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	5	798.065	-57.55	-13	Pass
798.1	799	0.1	CHP	6	798.150	-51.65	-13	Pass
799	803	0.00625	CHP	7	800.897	-66.26	-35	Pass

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



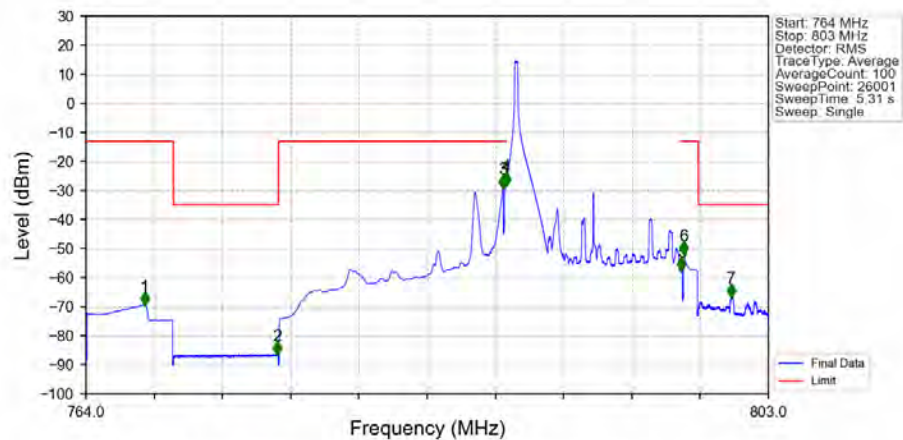
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
783	787.9	0.1	CHP	1	787.850	-28.85	-13	Pass
787.9	788	0.03	CHP	2	788.000	-28.00	-13	Pass
788	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	3	798.058	-57.58	-13	Pass
798.1	799	0.1	CHP	4	798.152	-51.64	-13	Pass
799	805	0.00625	CHP	5	800.865	-66.32	35	Pass
805	810	0.1	CHP	6	806.175	-55.65	-13	Pass

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



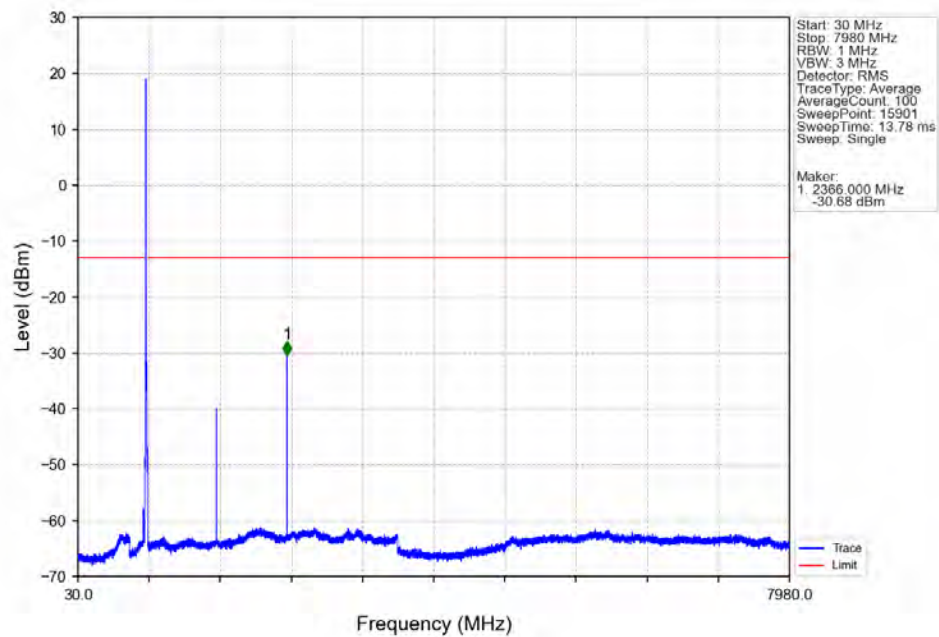
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
783	787.9	0.1	CHP	1	787.850	-28.83	-13	Pass
787.9	788	0.03	CHP	2	788.000	-27.99	-13	Pass
788	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	3	798.062	-57.61	-13	Pass
798.1	799	0.1	CHP	4	798.152	-51.71	-13	Pass
799	805	0.00625	CHP	5	800.929	-66.51	35	Pass
805	810	0.1	CHP	6	806.175	-55.69	-13	Pass

Band14 10MHz 64QAM LCH 793MHz RB 1 0 NTNV

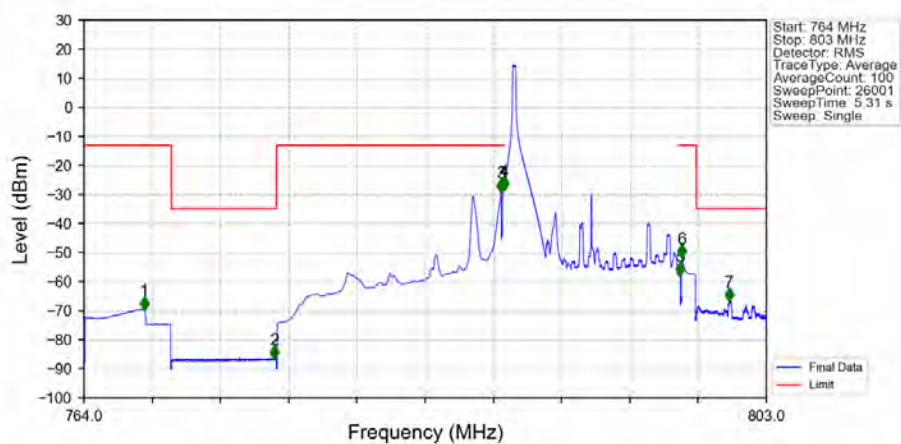


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	769	0.1	CHP	1	767.356	-69.33	-13	Pass
769	775	0.00625	CHP	2	774.913	-86.18	-35	Pass
775	787.9	0.1	CHP	3	787.848	-28.90	-13	Pass
787.9	788	0.03	CHP	4	787.999	-28.08	-13	Pass
788	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	5	798.043	-57.46	13	Pass
798.1	799	0.1	CHP	6	798.150	-51.74	-13	Pass
799	803	0.00625	CHP	7	800.873	-66.56	-35	Pass

Band14 10MHz 64QAM LCH 793MHz RB 1 0 NTNV

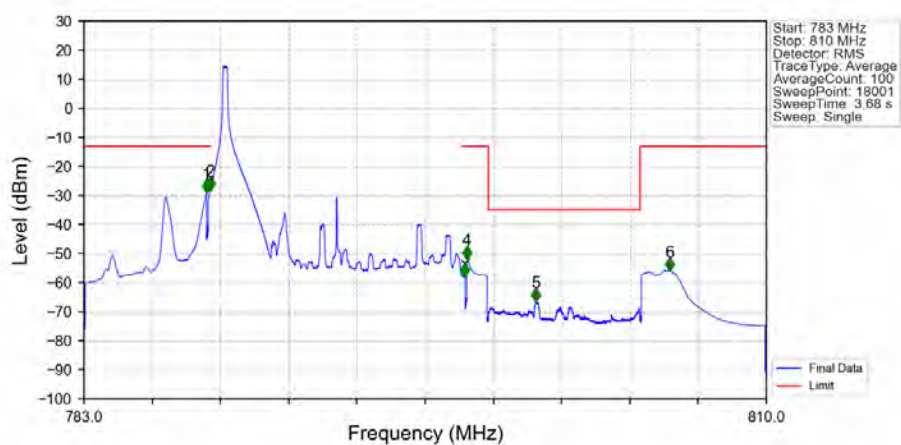


Band14 10MHz 64QAM LCH 793MHz RB 50 0 NTNV



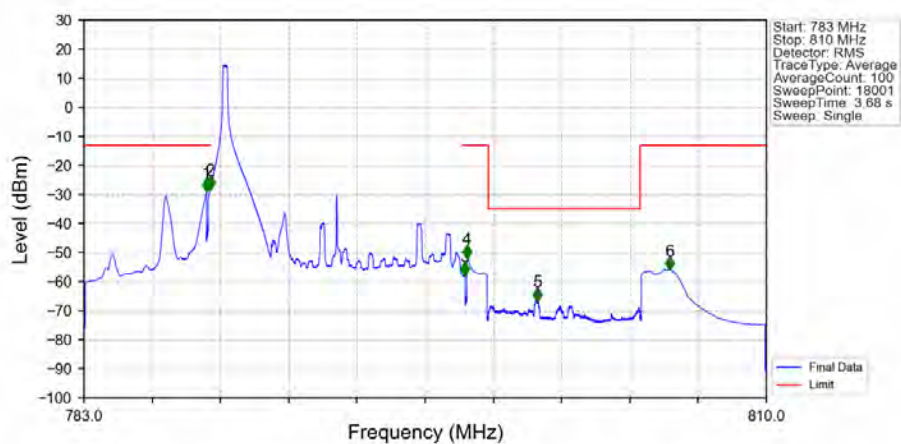
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	769	0.1	CHP	1	767.438	-69.43	-13	Pass
769	775	0.00625	CHP	2	774.881	-86.18	-35	Pass
775	787.9	0.1	CHP	3	787.848	-28.88	-13	Pass
787.9	788	0.03	CHP	4	787.999	-28.13	-13	Pass
788	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	5	798.061	-57.64	-13	Pass
798.1	799	0.1	CHP	6	798.150	-51.62	-13	Pass
799	803	0.00625	CHP	7	800.884	-66.51	-35	Pass

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

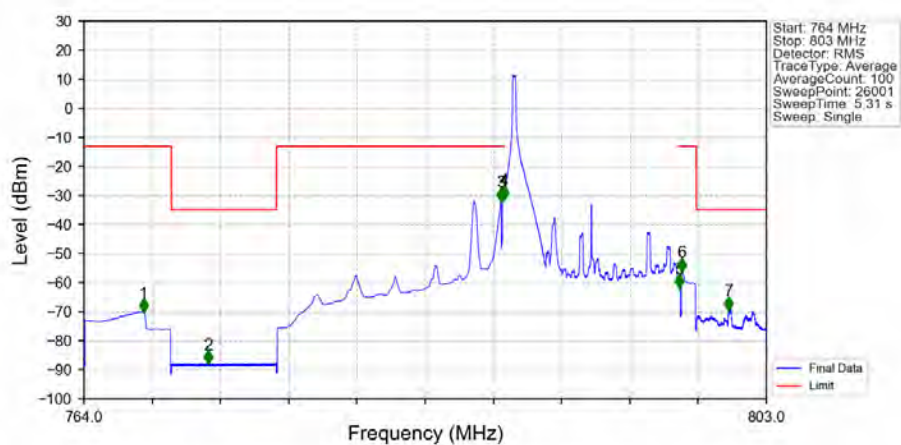


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
783	787.9	0.1	CHP	1	787.850	-28.82	-13	Pass
787.9	788	0.03	CHP	2	788.000	-27.98	-13	Pass
788	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	3	798.063	-57.60	-13	Pass
798.1	799	0.1	CHP	4	798.152	-51.68	-13	Pass
799	805	0.00625	CHP	5	800.883	-66.26	-35	Pass
805	810	0.1	CHP	6	806.162	-55.67	-13	Pass

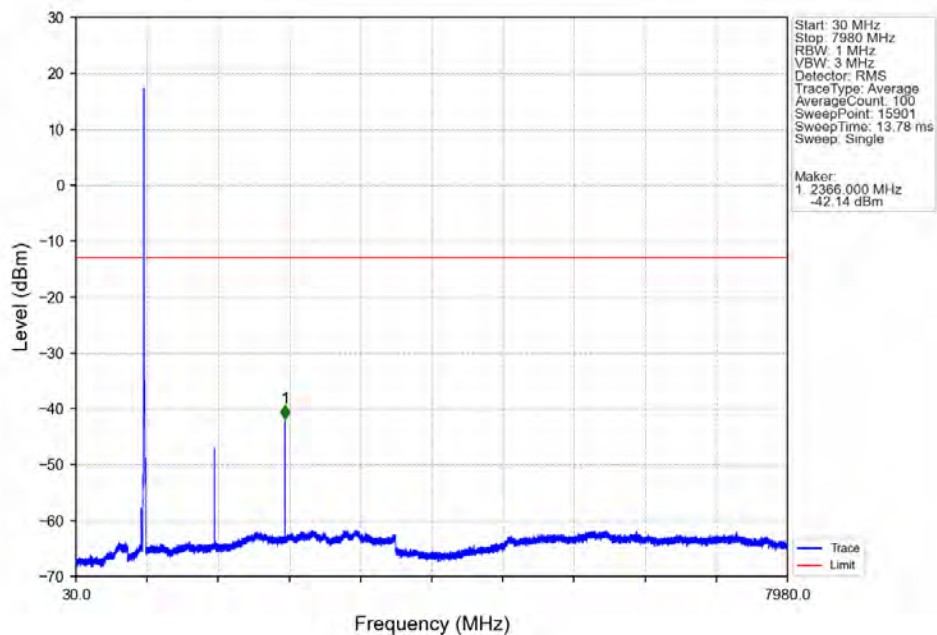
Band14 10MHz 64QAM HCH 793MHz RB 50 0 NTV



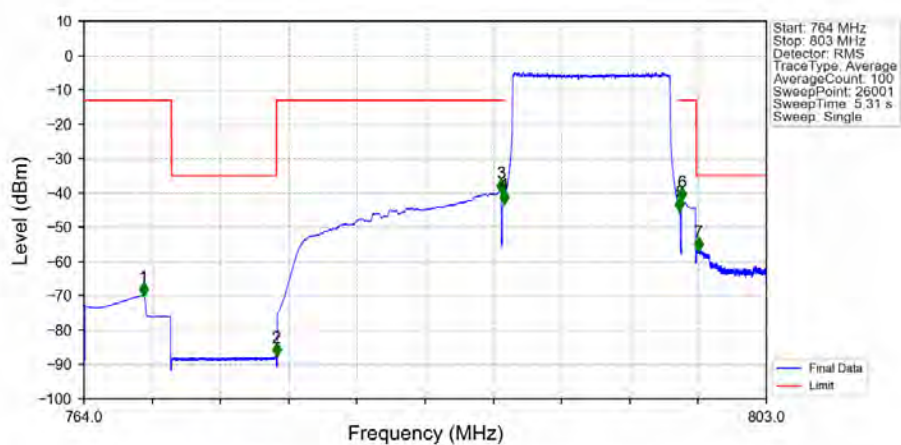
Band14 10MHz 256QAM LCH 793MHz RB 1 0 NTV



Band14 10MHz 256QAM LCH 793MHz RB 1 0 NTV

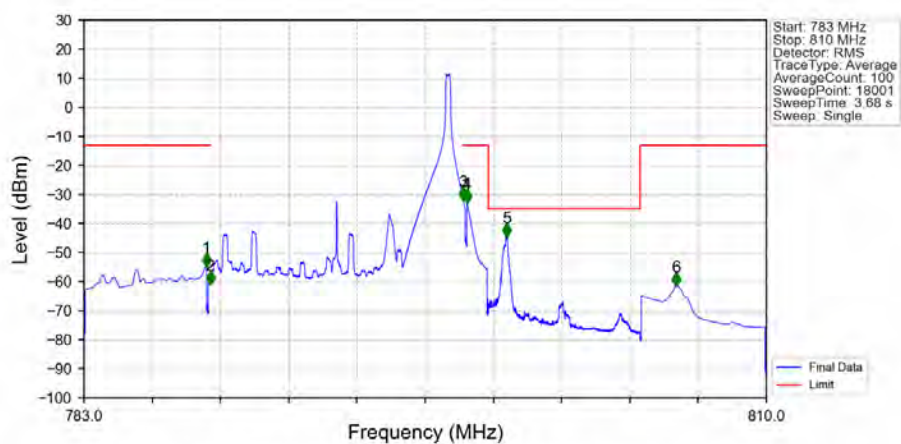


Band14 10MHz 256QAM LCH 793MHz RB 50 0 NTV



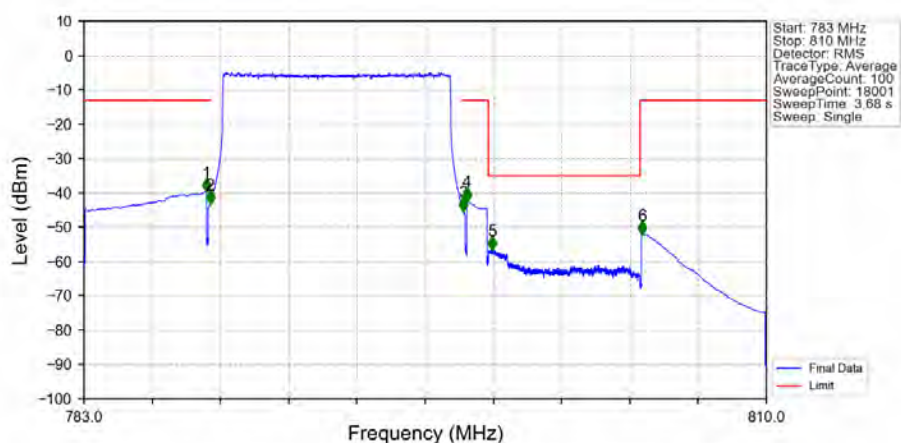
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	769	0.1	CHP	1	767.389	-69.76	-13	Pass
769	775	0.00625	CHP	2	774.996	-87.45	-35	Pass
775	787.9	0.1	CHP	3	787.840	-39.61	-13	Pass
787.9	788	0.03	CHP	4	787.999	-42.92	-13	Pass
788	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	5	798.000	-45.20	-13	Pass
798.1	799	0.1	CHP	6	798.150	-42.10	-13	Pass
799	803	0.00625	CHP	7	799.125	-56.62	-35	Pass

Band14 10MHz 256QAM 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	787.845	-54.57	-13	Pass
787.9	788	0.03	CHP	2	788.000	-60.67	-13	Pass
788	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	3	798.001	-31.80	-13	Pass
798.1	799	0.1	CHP	4	798.152	-32.65	-13	Pass
799	805	0.00625	CHP	5	799.725	-44.39	35	Pass
805	810	0.1	CHP	6	806.427	-61.17	-13	Pass

Band14 10MHz 256QAM 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	787.850	-39.52	-13	Pass
787.9	788	0.03	CHP	2	787.998	-43.00	-13	Pass
788	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	3	798.001	-45.20	-13	Pass
798.1	799	0.1	CHP	4	798.152	-42.18	-13	Pass
799	805	0.00625	CHP	5	799.143	-56.49	35	Pass
805	810	0.1	CHP	6	805.083	-51.89	-13	Pass