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	23.97	3.00	24.82	<=34.77	Pass
			13	24.05	3.00	24.90	<=34.77	Pass
			24	23.90	3.00	24.75	<=34.77	Pass
		12	0	23.02	3.00	23.87	<=34.77	Pass
			6	23.03	3.00	23.88	<=34.77	Pass
			13	22.97	3.00	23.82	<=34.77	Pass
		25	0	23.01	3.00	23.86	<=34.77	Pass
	793	1	0	23.93	3.00	24.78	<=34.77	Pass
			13	23.96	3.00	24.81	<=34.77	Pass
			24	23.84	3.00	24.69	<=34.77	Pass
		12	0	22.94	3.00	23.79	<=34.77	Pass
			6	22.98	3.00	23.83	<=34.77	Pass
			13	22.92	3.00	23.77	<=34.77	Pass
		25	0	22.94	3.00	23.79	<=34.77	Pass
	795.5	1	0	23.91	3.00	24.76	<=34.77	Pass
			13	23.95	3.00	24.80	<=34.77	Pass
			24	23.84	3.00	24.69	<=34.77	Pass
		12	0	22.92	3.00	23.77	<=34.77	Pass
			6	22.96	3.00	23.81	<=34.77	Pass
			13	22.86	3.00	23.71	<=34.77	Pass
		25	0	22.90	3.00	23.75	<=34.77	Pass
16QAM	790.5	1	0	22.83	3.00	23.68	<=34.77	Pass
			13	22.89	3.00	23.74	<=34.77	Pass
			24	22.78	3.00	23.63	<=34.77	Pass
		12	0	22.05	3.00	22.90	<=34.77	Pass
			6	22.05	3.00	22.90	<=34.77	Pass
			13	22.00	3.00	22.85	<=34.77	Pass
		25	0	22.03	3.00	22.88	<=34.77	Pass
	793	1	0	23.20	3.00	24.05	<=34.77	Pass
			13	23.23	3.00	24.08	<=34.77	Pass
			24	23.07	3.00	23.92	<=34.77	Pass
		12	0	22.05	3.00	22.90	<=34.77	Pass
			6	22.05	3.00	22.90	<=34.77	Pass
			13	21.98	3.00	22.83	<=34.77	Pass
		25	0	21.95	3.00	22.80	<=34.77	Pass
	795.5	1	0	23.01	3.00	23.86	<=34.77	Pass
			13	23.05	3.00	23.90	<=34.77	Pass
			24	22.92	3.00	23.77	<=34.77	Pass
		12	0	22.03	3.00	22.88	<=34.77	Pass
			6	22.00	3.00	22.85	<=34.77	Pass
			13	21.90	3.00	22.75	<=34.77	Pass
		25	0	21.94	3.00	22.79	<=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	23.93	3.00	24.78	<=34.77	Pass
			25	23.86	3.00	24.71	<=34.77	Pass
			49	23.78	3.00	24.63	<=34.77	Pass
		25	0	22.98	3.00	23.83	<=34.77	Pass
			13	22.98	3.00	23.83	<=34.77	Pass
			25	22.93	3.00	23.78	<=34.77	Pass
		50	0	22.94	3.00	23.79	<=34.77	Pass
16QAM	793	1	0	23.12	3.00	23.97	<=34.77	Pass
			25	23.03	3.00	23.88	<=34.77	Pass
			49	22.93	3.00	23.78	<=34.77	Pass
		25	0	22.07	3.00	22.92	<=34.77	Pass
			13	22.02	3.00	22.87	<=34.77	Pass
			25	21.94	3.00	22.79	<=34.77	Pass
		50	0	22.02	3.00	22.87	<=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	790.5	25	0	20	3.27	-0.342	-0.0004	-2.5 to 2.5	Pass
					3.85	1.638	0.0021	-2.5 to 2.5	Pass
					4.43	3.361	0.0043	-2.5 to 2.5	Pass
				-30	3.85	3.532	0.0045	-2.5 to 2.5	Pass
				-20	3.85	2.241	0.0028	-2.5 to 2.5	Pass
				-10	3.85	3.821	0.0048	-2.5 to 2.5	Pass
				0	3.85	2.794	0.0035	-2.5 to 2.5	Pass
				10	3.85	2.193	0.0028	-2.5 to 2.5	Pass
				30	3.85	2.992	0.0038	-2.5 to 2.5	Pass
				40	3.85	2.000	0.0025	-2.5 to 2.5	Pass
				50	3.85	4.669	0.0059	-2.5 to 2.5	Pass
	793	25	0	20	3.27	-3.077	-0.0039	-2.5 to 2.5	Pass
					3.85	0.860	0.0011	-2.5 to 2.5	Pass
					4.43	-0.819	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-2.480	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-2.239	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-1.843	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-4.298	-0.0054	-2.5 to 2.5	Pass
				10	3.85	0.138	0.0002	-2.5 to 2.5	Pass
				30	3.85	-1.761	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-1.850	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-4.686	-0.0059	-2.5 to 2.5	Pass
	795.5	25	0	20	3.27	7.796	0.0098	-2.5 to 2.5	Pass
					3.85	6.538	0.0082	-2.5 to 2.5	Pass
					4.43	5.961	0.0075	-2.5 to 2.5	Pass
				-30	3.85	7.422	0.0093	-2.5 to 2.5	Pass

				-20	3.85	3.426	0.0043	-2.5 to 2.5	Pass
				-10	3.85	2.527	0.0032	-2.5 to 2.5	Pass
				0	3.85	4.637	0.0058	-2.5 to 2.5	Pass
				10	3.85	2.550	0.0032	-2.5 to 2.5	Pass
				30	3.85	1.473	0.0019	-2.5 to 2.5	Pass
				40	3.85	5.286	0.0066	-2.5 to 2.5	Pass
				50	3.85	4.563	0.0057	-2.5 to 2.5	Pass
16QAM	790.5	25	0	20	3.27	4.083	0.0052	-2.5 to 2.5	Pass
					3.85	3.305	0.0042	-2.5 to 2.5	Pass
					4.43	4.572	0.0058	-2.5 to 2.5	Pass
				-30	3.85	1.661	0.0021	-2.5 to 2.5	Pass
				-20	3.85	3.466	0.0044	-2.5 to 2.5	Pass
				-10	3.85	0.361	0.0005	-2.5 to 2.5	Pass
				0	3.85	-0.515	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-0.906	-0.0011	-2.5 to 2.5	Pass
				30	3.85	3.189	0.0040	-2.5 to 2.5	Pass
				40	3.85	0.439	0.0006	-2.5 to 2.5	Pass
				50	3.85	3.349	0.0042	-2.5 to 2.5	Pass
	793	25	0	20	3.27	-4.785	-0.0060	-2.5 to 2.5	Pass
					3.85	-5.549	-0.0070	-2.5 to 2.5	Pass
					4.43	-1.726	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-2.470	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-3.124	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	0.905	0.0011	-2.5 to 2.5	Pass
				0	3.85	-3.559	-0.0045	-2.5 to 2.5	Pass
				10	3.85	0.183	0.0002	-2.5 to 2.5	Pass
				30	3.85	-0.757	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-0.322	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-2.141	-0.0027	-2.5 to 2.5	Pass
	795.5	25	0	20	3.27	1.364	0.0017	-2.5 to 2.5	Pass
					3.85	2.857	0.0036	-2.5 to 2.5	Pass
					4.43	4.024	0.0051	-2.5 to 2.5	Pass
				-30	3.85	2.154	0.0027	-2.5 to 2.5	Pass
				-20	3.85	7.677	0.0097	-2.5 to 2.5	Pass
				-10	3.85	4.313	0.0054	-2.5 to 2.5	Pass
				0	3.85	7.133	0.0090	-2.5 to 2.5	Pass
				10	3.85	6.003	0.0075	-2.5 to 2.5	Pass
				30	3.85	5.477	0.0069	-2.5 to 2.5	Pass
				40	3.85	2.115	0.0027	-2.5 to 2.5	Pass
				50	3.85	0.826	0.0010	-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	-2.802	-0.0035	-2.5 to 2.5	Pass
					3.85	-3.849	-0.0049	-2.5 to 2.5	Pass
					4.43	-2.310	-0.0029	-2.5 to 2.5	Pass
				-30	3.85	-1.280	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-4.674	-0.0059	-2.5 to 2.5	Pass
				-10	3.85	-2.973	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-2.938	-0.0037	-2.5 to 2.5	Pass
				10	3.85	-2.490	-0.0031	-2.5 to 2.5	Pass
				30	3.85	-1.936	-0.0024	-2.5 to 2.5	Pass

				40	3.85	-1.790	-0.0023	-2.5 to 2.5	Pass
				50	3.85	1.644	0.0021	-2.5 to 2.5	Pass
16QAM	793	50	0	20	3.27	-0.670	-0.0008	-2.5 to 2.5	Pass
					3.85	0.721	0.0009	-2.5 to 2.5	Pass
					4.43	-2.487	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	1.015	0.0013	-2.5 to 2.5	Pass
				-20	3.85	0.105	0.0001	-2.5 to 2.5	Pass
				-10	3.85	0.952	0.0012	-2.5 to 2.5	Pass
				0	3.85	-3.658	-0.0046	-2.5 to 2.5	Pass
				10	3.85	-1.891	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-2.317	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-0.133	-0.0002	-2.5 to 2.5	Pass
				50	3.85	-3.425	-0.0043	-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	4.548	/	Pass
		793	25	0	4.539	/	Pass
		795.5	25	0	4.558	/	Pass
	16QAM	790.5	25	0	4.569	/	Pass
		793	25	0	4.546	/	Pass
		795.5	25	0	4.546	/	Pass
10	QPSK	793	50	0	9.017	/	Pass
	16QAM	793	50	0	9.028	/	Pass

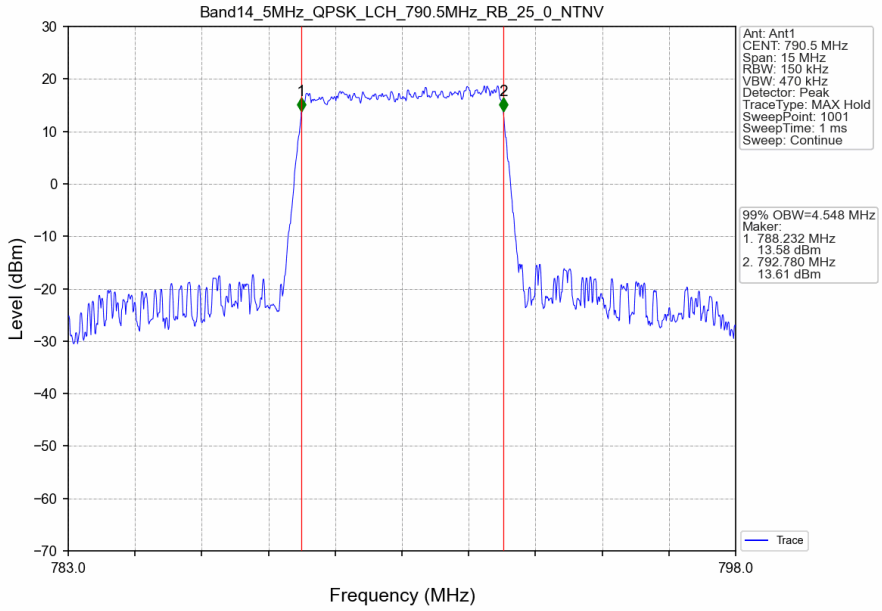
3.1.2 Band14_XDB

Band: 14 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	790.5	25	0	5.028	/	Pass
		793	25	0	5.065	/	Pass
		795.5	25	0	5.042	/	Pass
	16QAM	790.5	25	0	5.048	/	Pass
		793	25	0	5.088	/	Pass
		795.5	25	0	5.028	/	Pass
10	QPSK	793	50	0	9.928	/	Pass
	16QAM	793	50	0	9.933	/	Pass

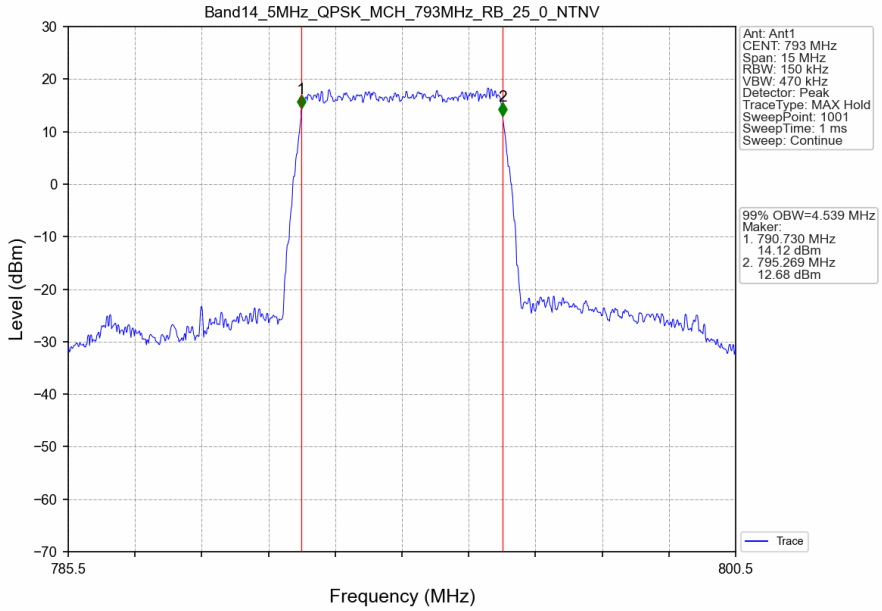
3.2 Test Graph

3.2.1 Band14_OBW

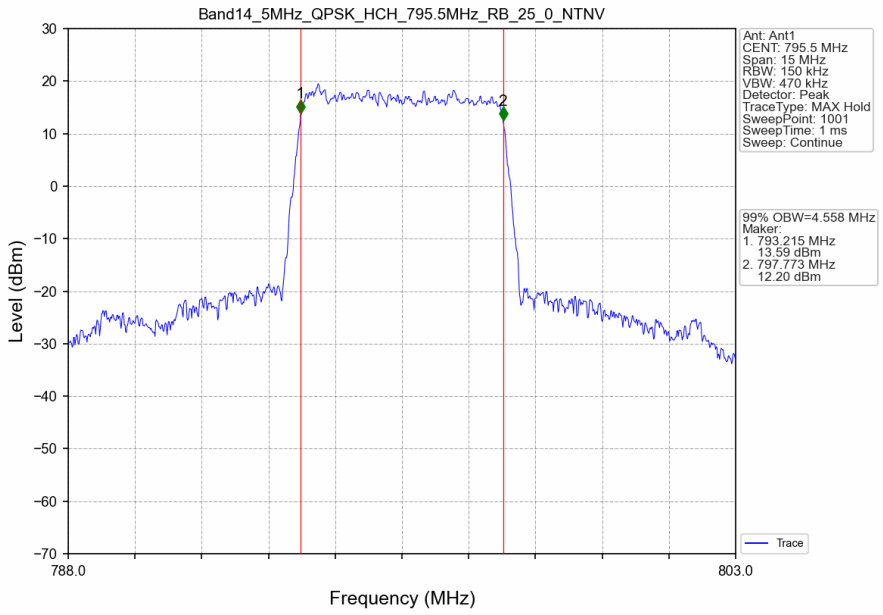
Band14_5MHz_QPSK_LCH_790.5MHz_RB_25_0_NTNV



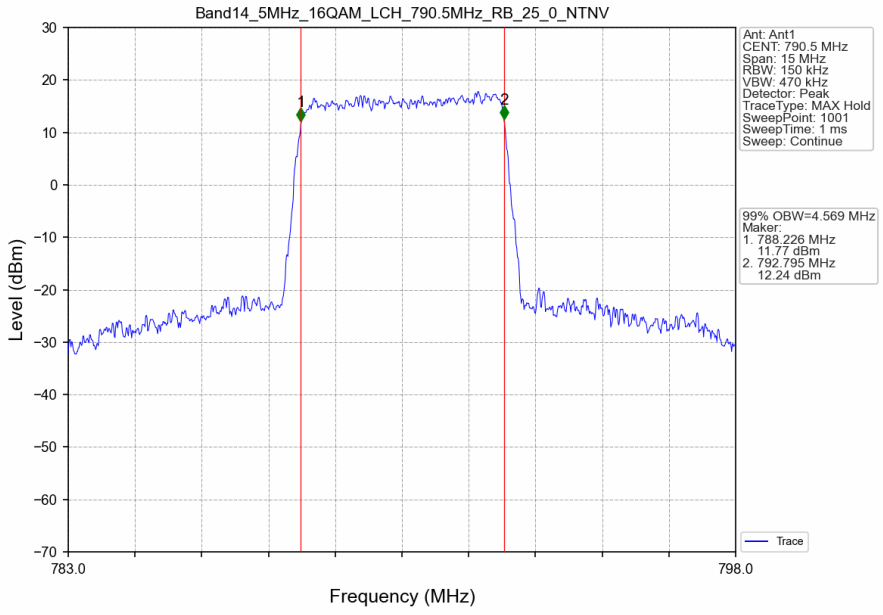
Band14_5MHz_QPSK_MCH_793MHz_RB_25_0_NTNV



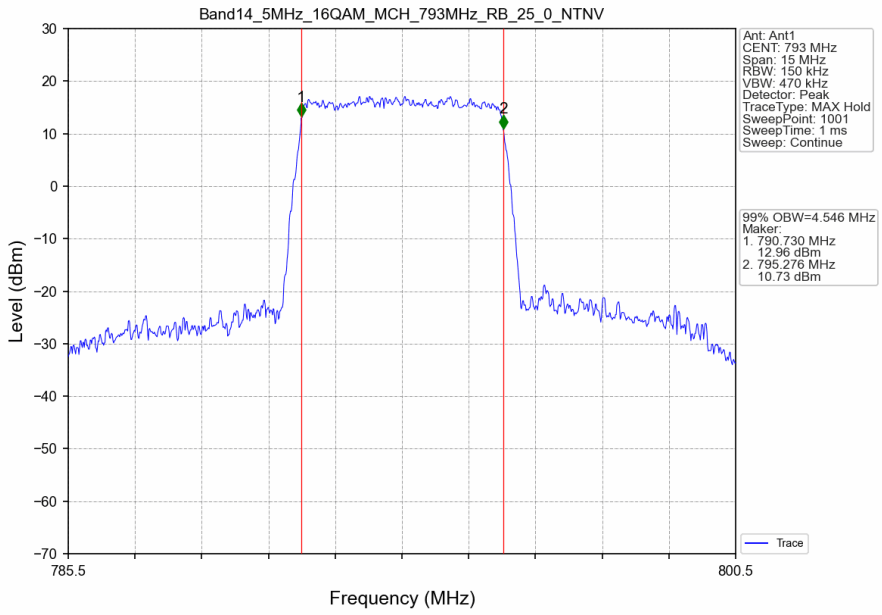
Band14_5MHz_QPSK_HCH_795.5MHz_RB_25_0_NTNV



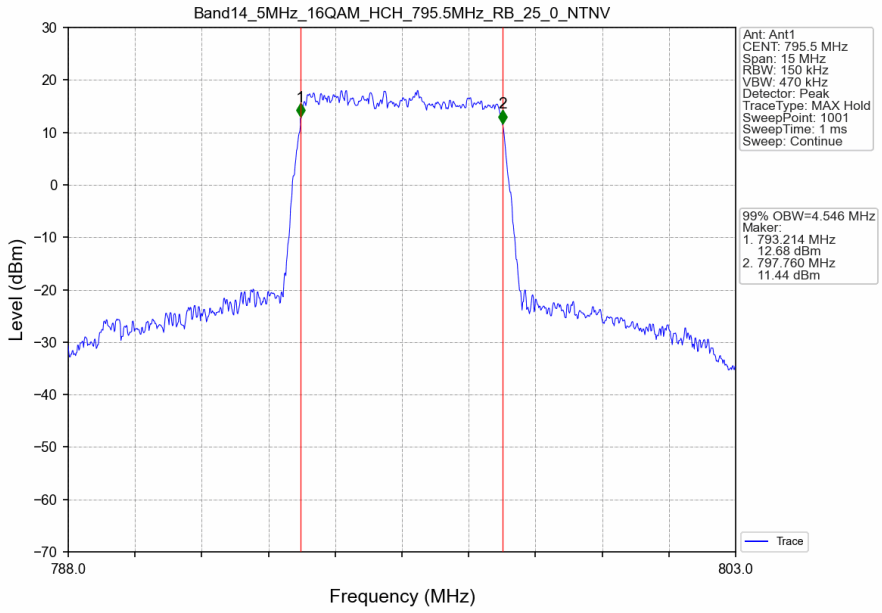
Band14_5MHz_16QAM_LCH_790.5MHz_RB_25_0_NTNV



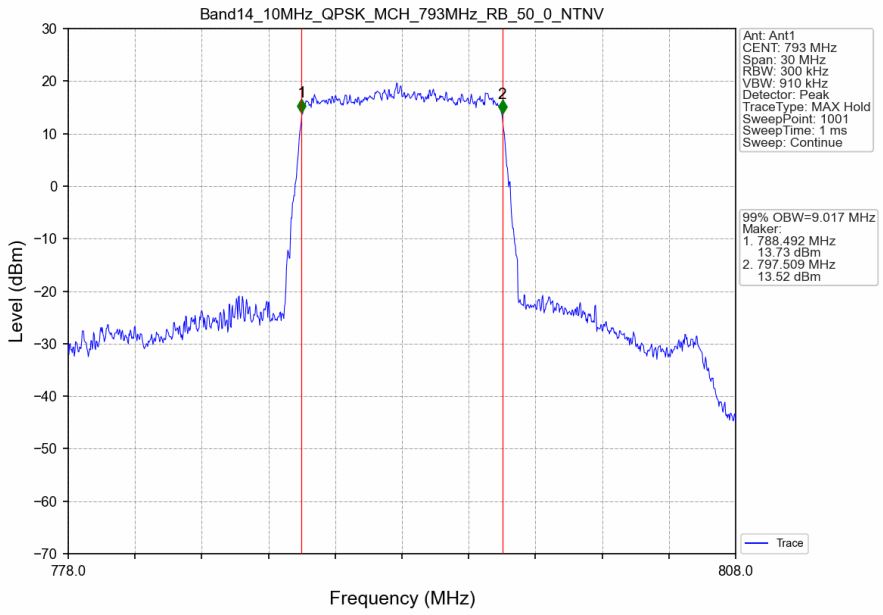
Band14_5MHz_16QAM_MCH_793MHz_RB_25_0_NTNV



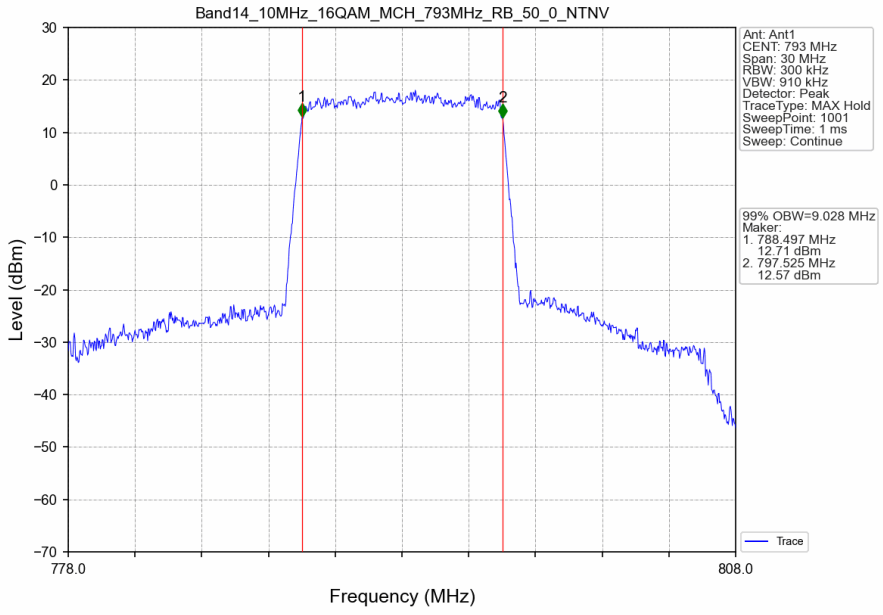
Band14_5MHz_16QAM_HCH_795.5MHz_RB_25_0_NTNV



Band14_10MHz_QPSK_MCH_793MHz_RB_50_0_NTNV

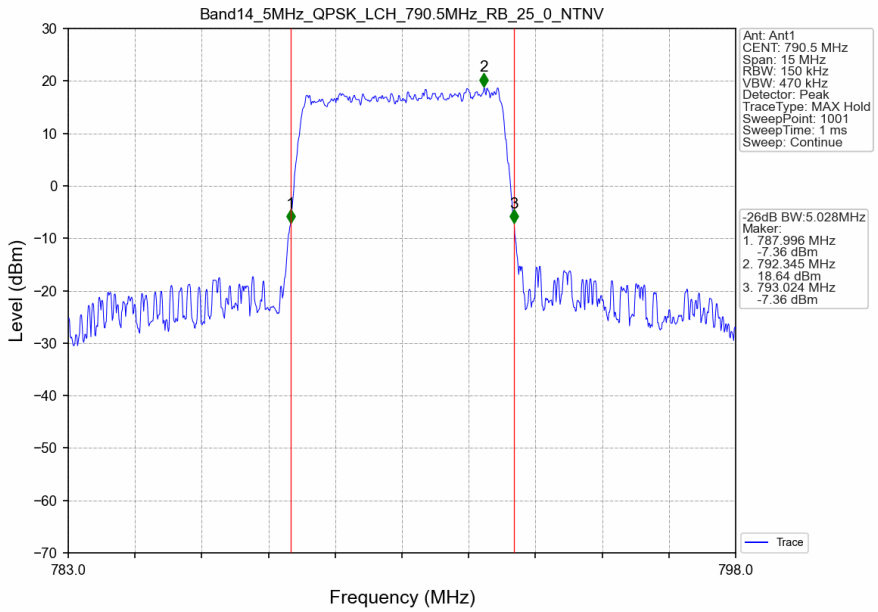


Band14_10MHz_16QAM_MCH_793MHz_RB_50_0_NTNV

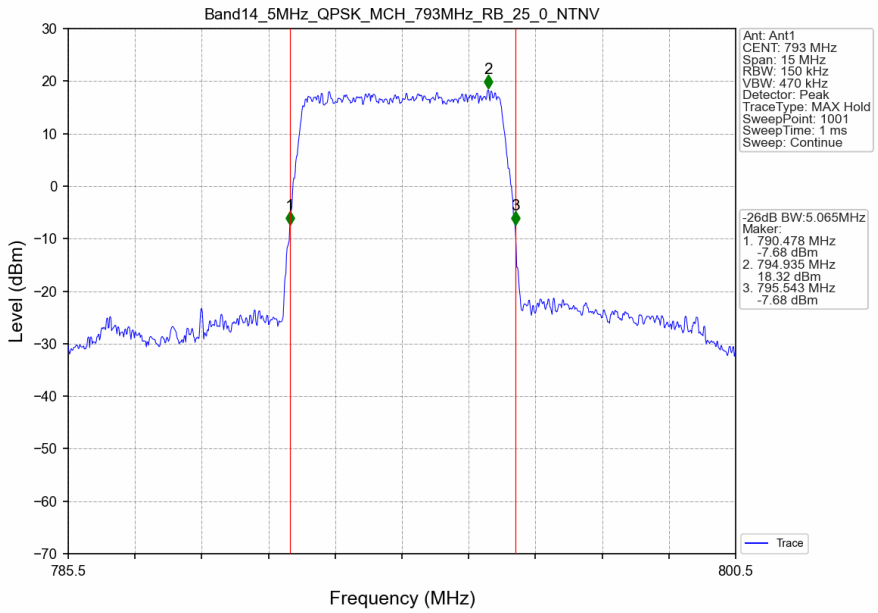


3.2.2 Band14_XDB

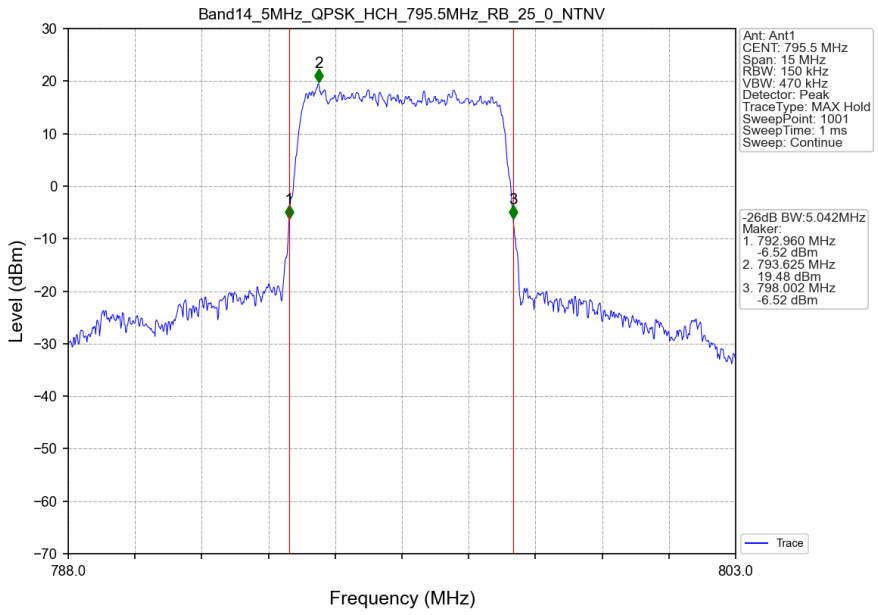
Band14_5MHz_QPSK_LCH_790.5MHz_RB_25_0_NTNV



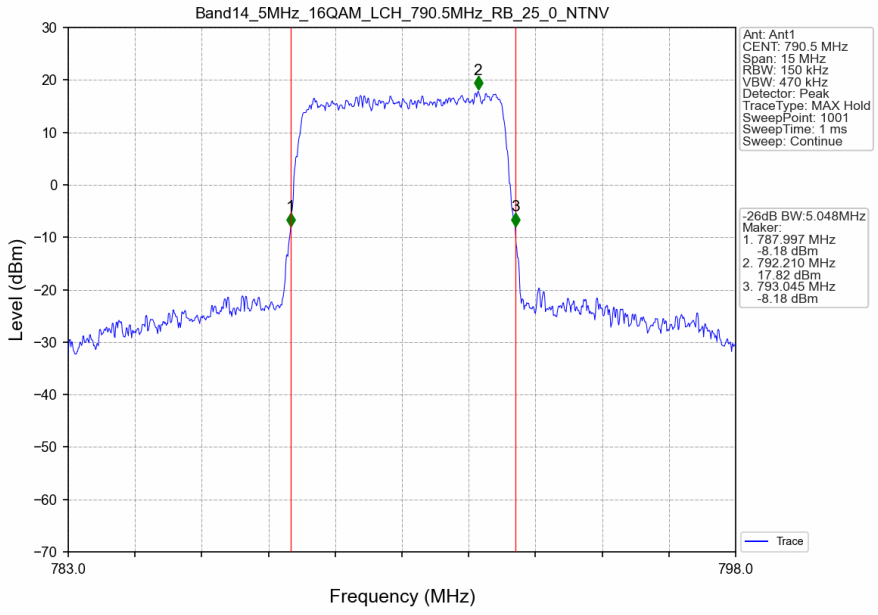
Band14_5MHz_QPSK_MCH_793MHz_RB_25_0_NTNV



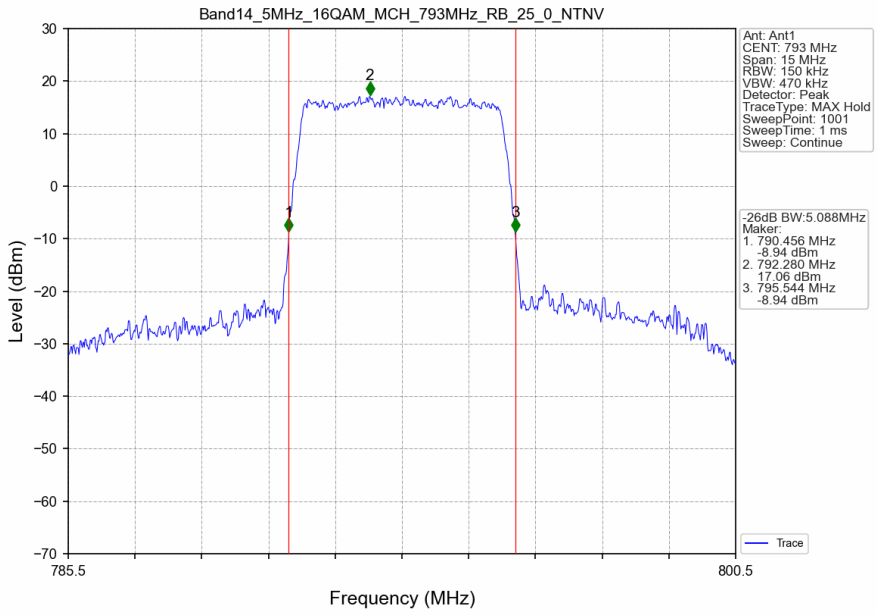
Band14_5MHz_QPSK_HCH_795.5MHz_RB_25_0_NTNV



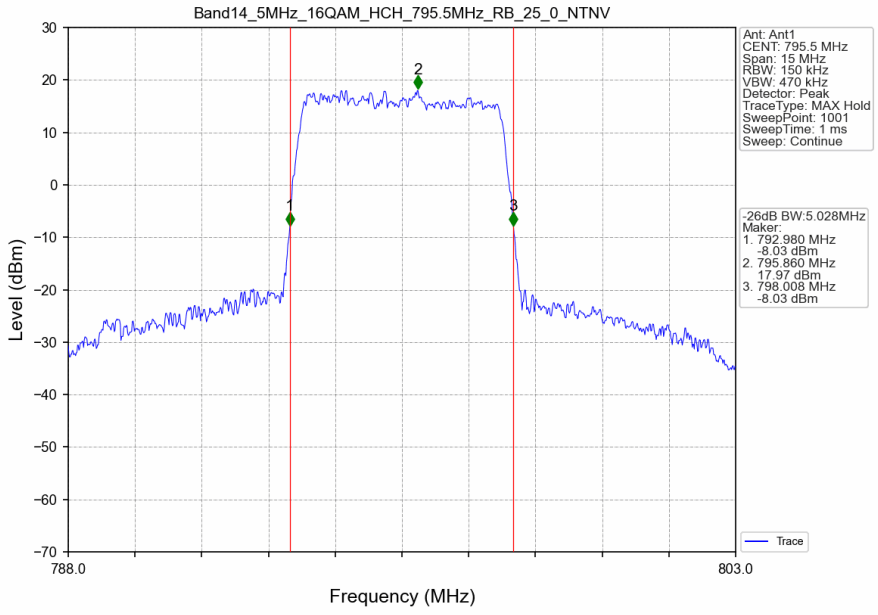
Band14_5MHz_16QAM_LCH_790.5MHz_RB_25_0_NTNV



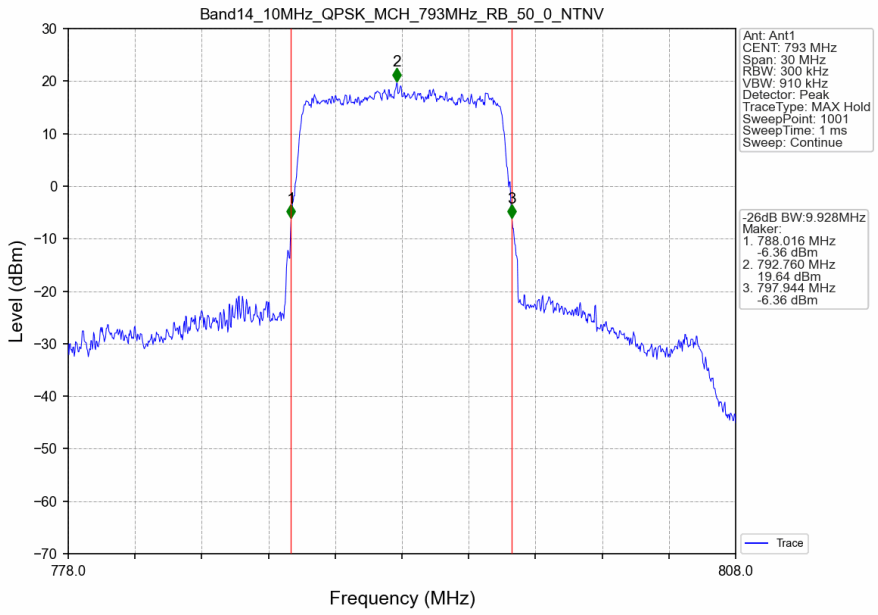
Band14_5MHz_16QAM_MCH_793MHz_RB_25_0_NTNV



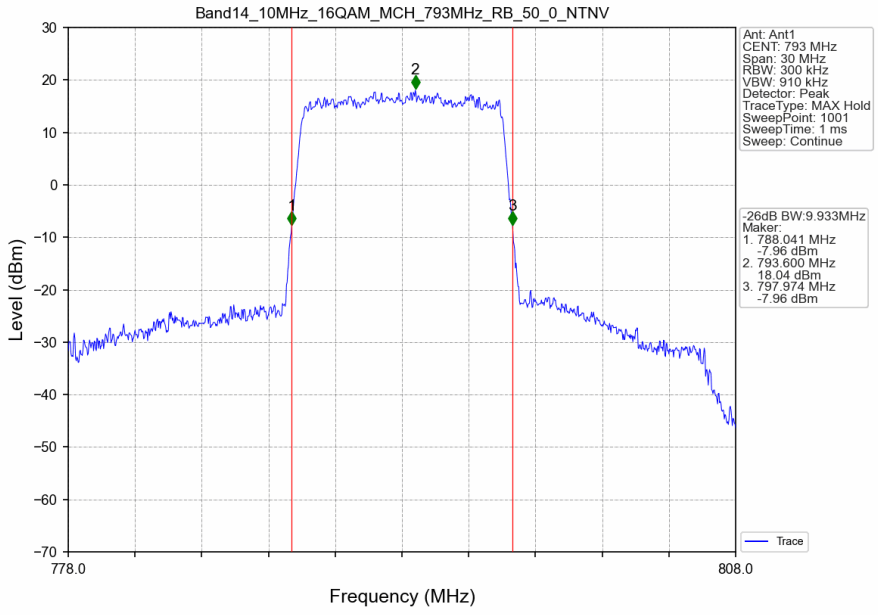
Band14_5MHz_16QAM_HCH_795.5MHz_RB_25_0_NTNV



Band14_10MHz_QPSK_MCH_793MHz_RB_50_0_NTNV



Band14_10MHz_16QAM_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	5.57	<=13	Pass
	793	25	0	5.40	<=13	Pass
	795.5	25	0	5.47	<=13	Pass
16QAM	790.5	25	0	6.34	<=13	Pass
	793	25	0	6.22	<=13	Pass
	795.5	25	0	6.21	<=13	Pass

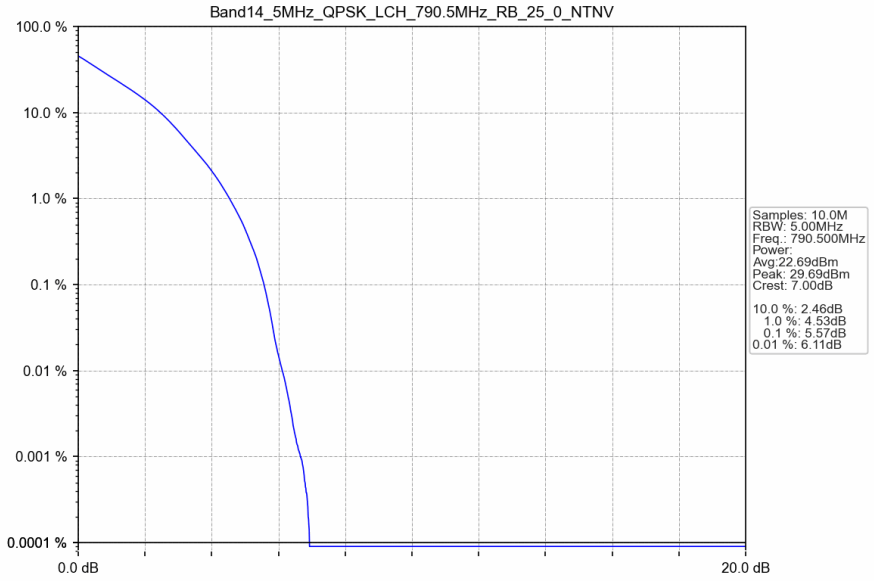
4.1.2 B14_10MHz

Band: 14 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	793	50	0	5.34	<=13	Pass
16QAM	793	50	0	6.18	<=13	Pass

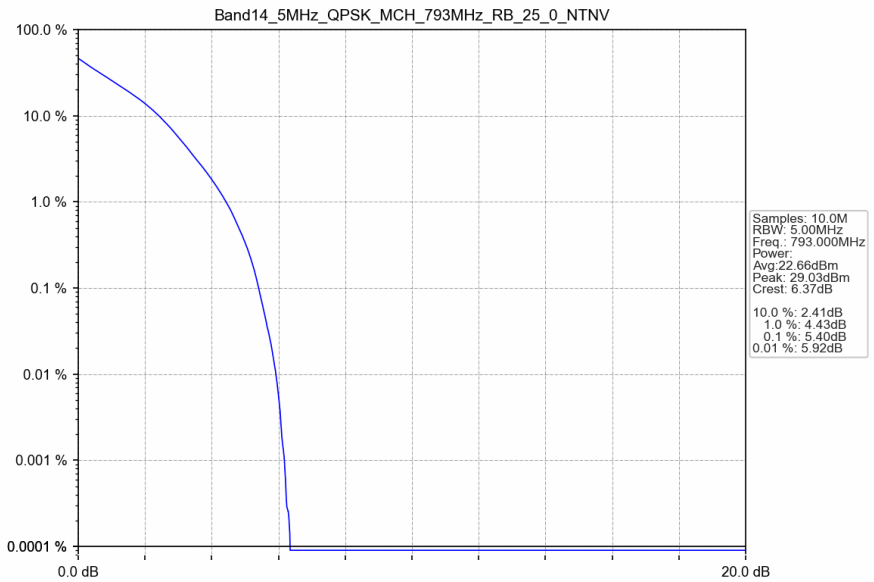
4.2 Test Graph

4.2.1 B14_5MHz

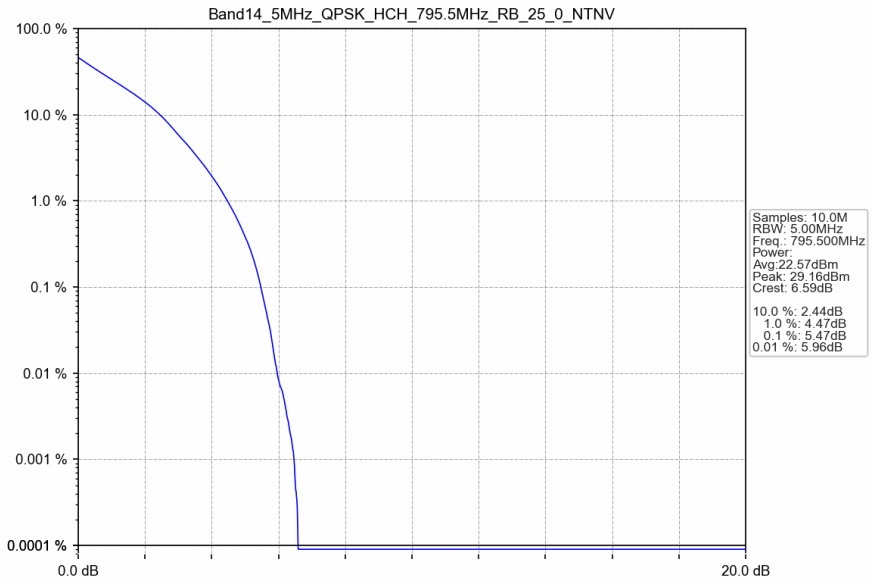
Band14_5MHz_QPSK_LCH_790.5MHz_RB_25_0_NTNV



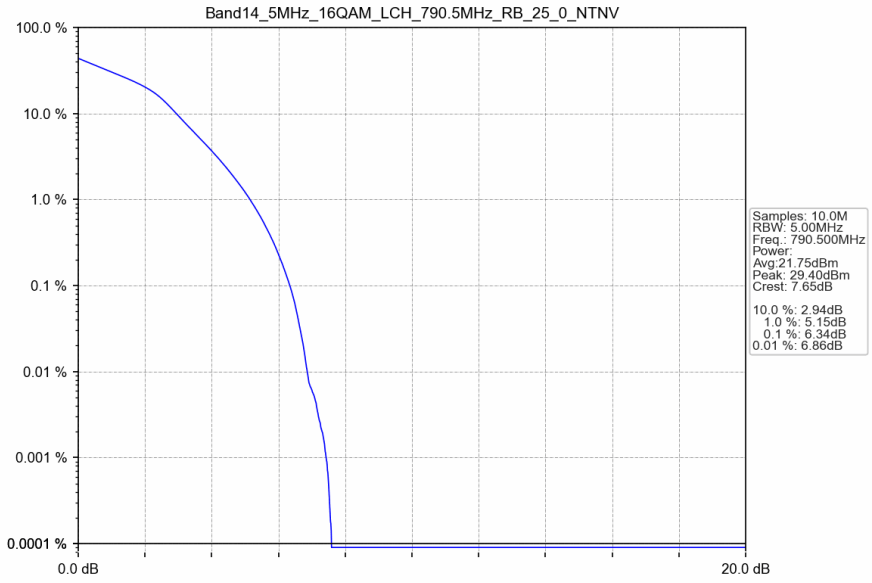
Band14_5MHz_QPSK_MCH_793MHz_RB_25_0_NTNV



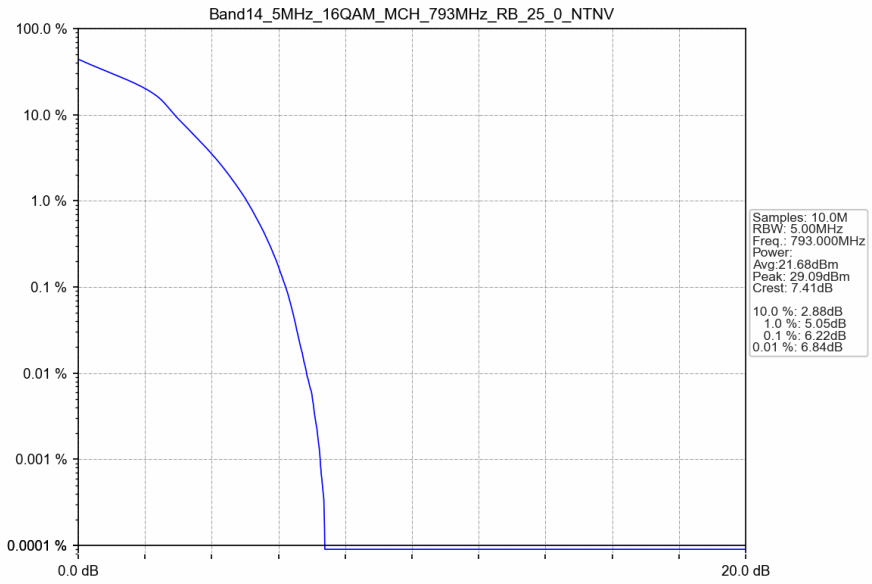
Band14_5MHz_QPSK_HCH_795.5MHz_RB_25_0_NTNV



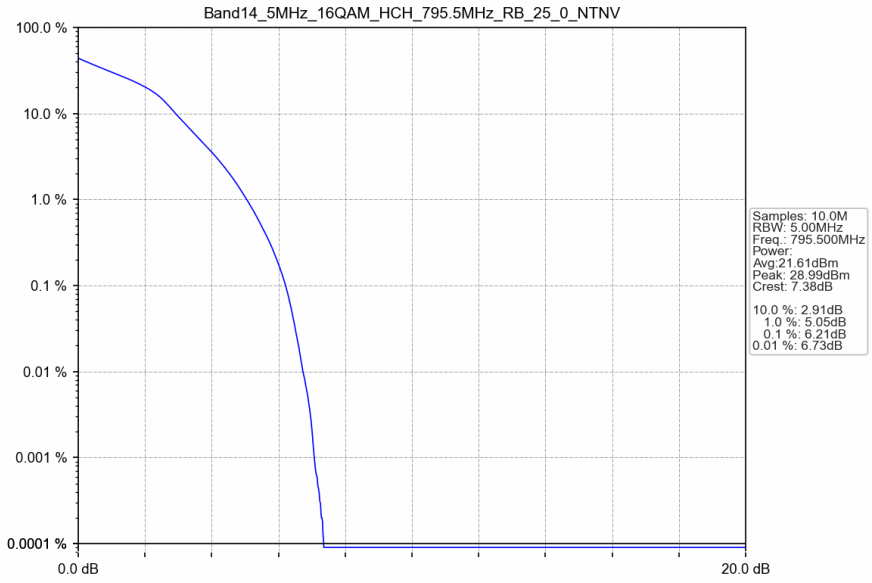
Band14_5MHz_16QAM_LCH_790.5MHz_RB_25_0_NTNV



Band14_5MHz_16QAM_MCH_793MHz_RB_25_0_NTNV

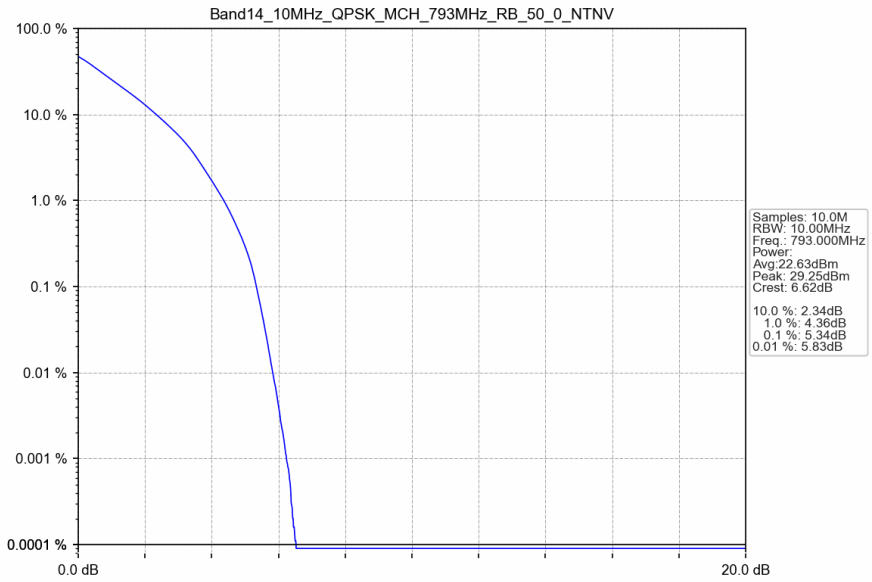


Band14_5MHz_16QAM_HCH_795.5MHz_RB_25_0_NTNV

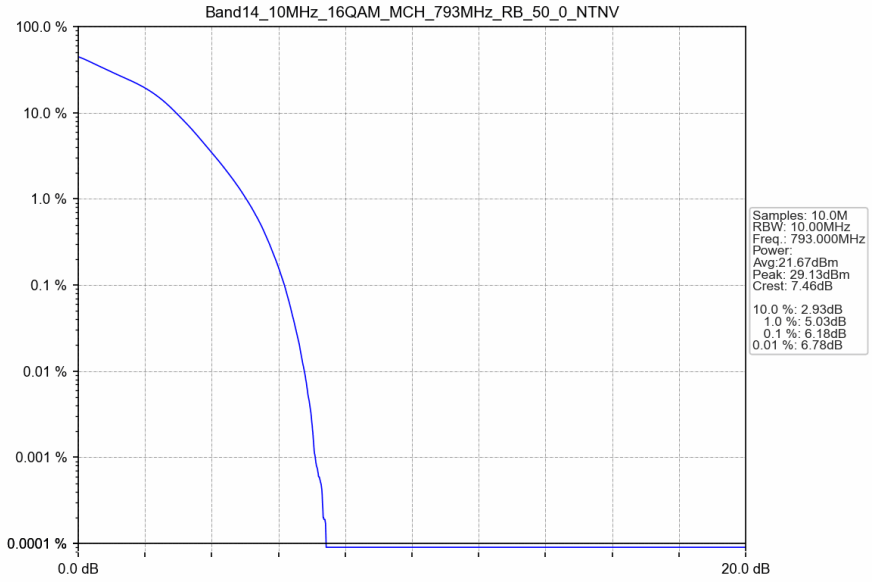


4.2.2 B14_10MHz

Band14_10MHz_QPSK_MCH_793MHz_RB_50_0_NTNV



Band14_10MHz_16QAM_MCH_793MHz_RB_50_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B14_5MHz

Band: 14 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		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
16QAM	790.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	793	1	0	Refer To Test Graph		Pass
	795.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

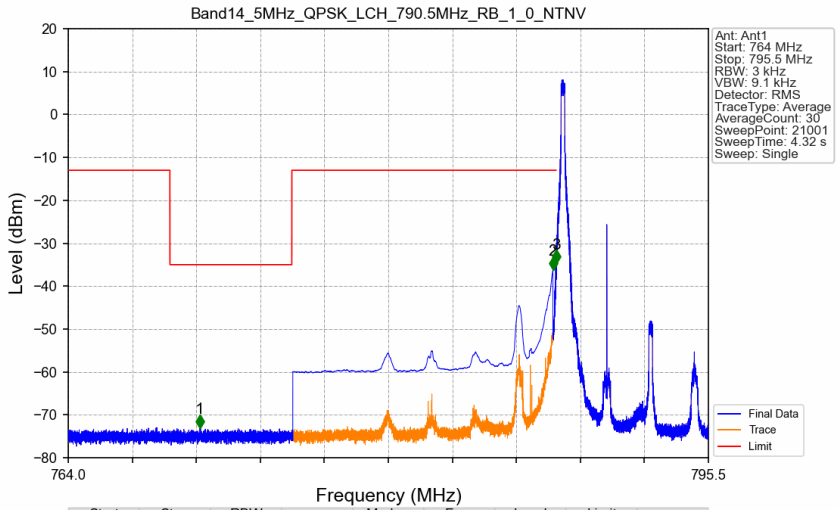
5.1.2 B14_10MHz

Band: 14 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		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

5.2 Test Graph

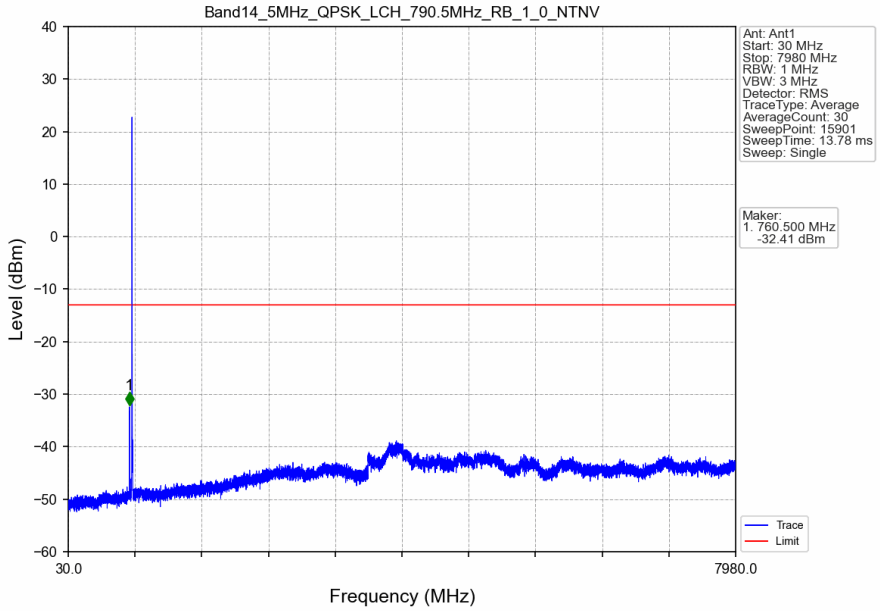
5.2.1 B14_5MHz

Band14_5MHz_QPSK_LCH_790.5MHz_RB_1_0_NTNV

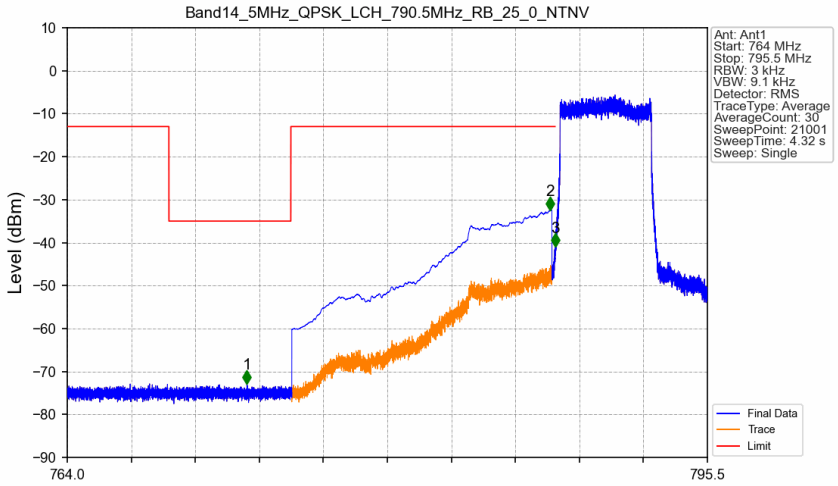


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	775	0.00625	/	1	770.474	-73.06	-35	Pass
775	787.9	0.1	CHP	2	787.848	-36.19	-13	Pass
787.9	788	0.03	/	3	787.999	-34.67	-13	Pass
788	795.5	0.03	/	/	/	/	/	/

Band14_5MHz_QPSK_LCH_790.5MHz_RB_1_0_NTNV

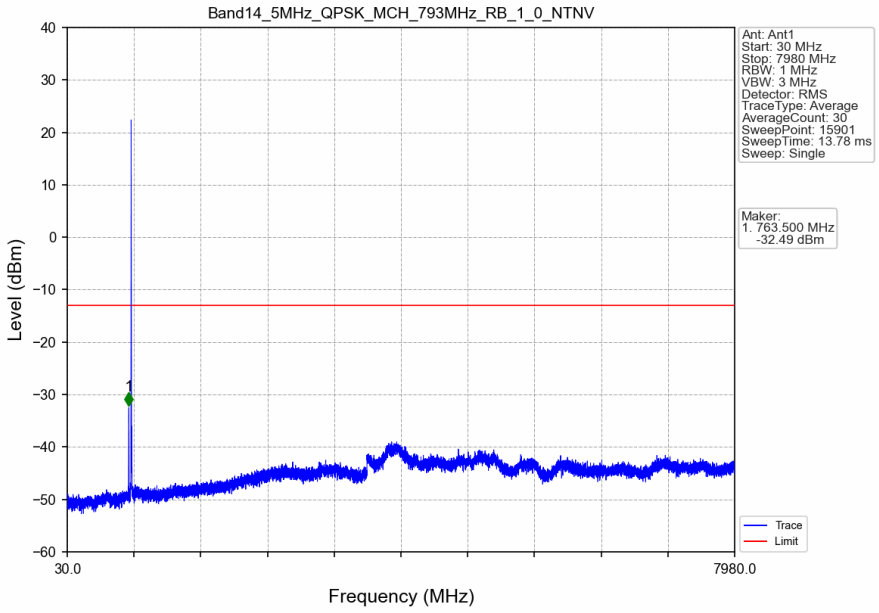


Band14_5MHz_QPSK_LCH_790.5MHz_RB_25_0_NTNV

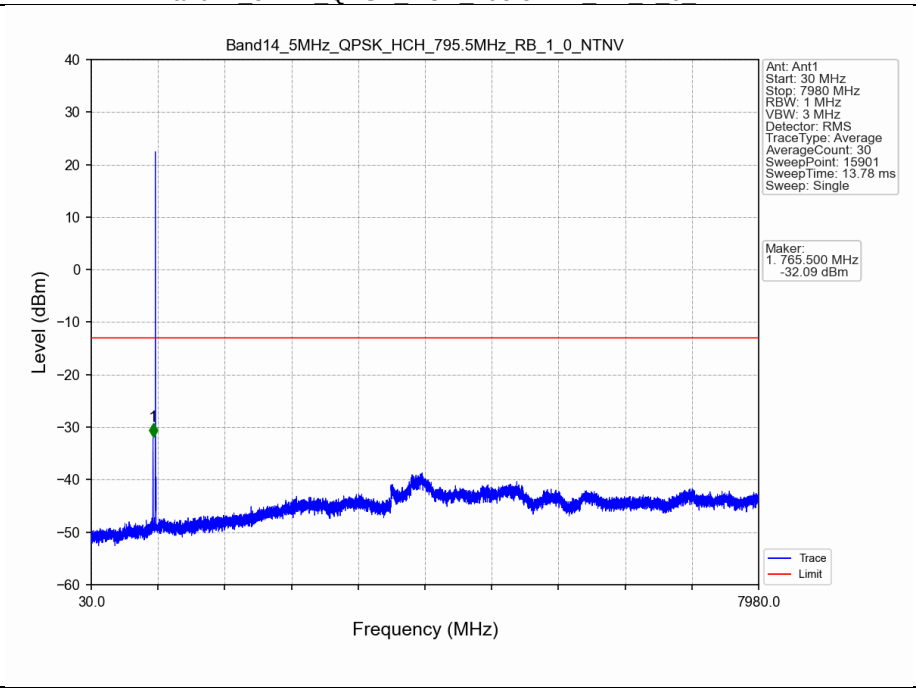


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	775	0.00625	/	1	772.841	-72.81	-35	Pass
775	787.9	0.1	CHP	2	787.745	-32.44	-13	Pass
787.9	788	0.03	/	3	787.999	-40.96	-13	Pass
788	795.5	0.03	/	/	/	/	/	/

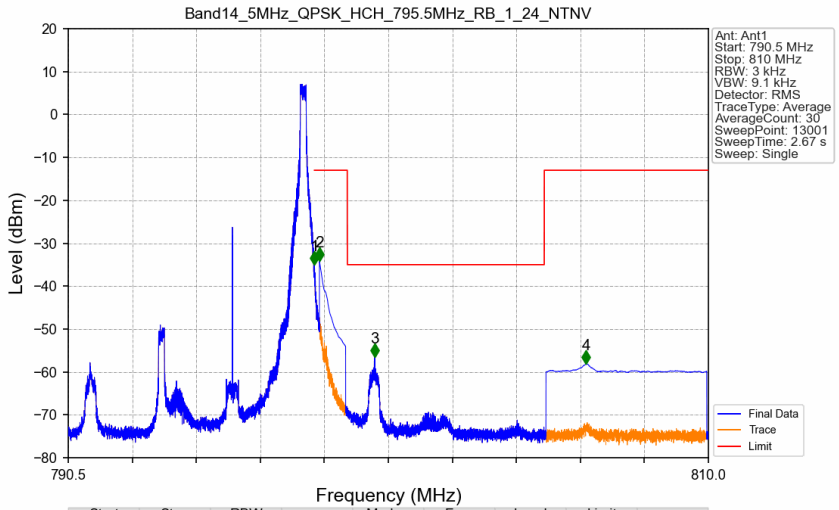
Band14_5MHz_QPSK_MCH_793MHz_RB_1_0_NTNV



Band14_5MHz_QPSK_HCH_795.5MHz_RB_1_0_NTNV

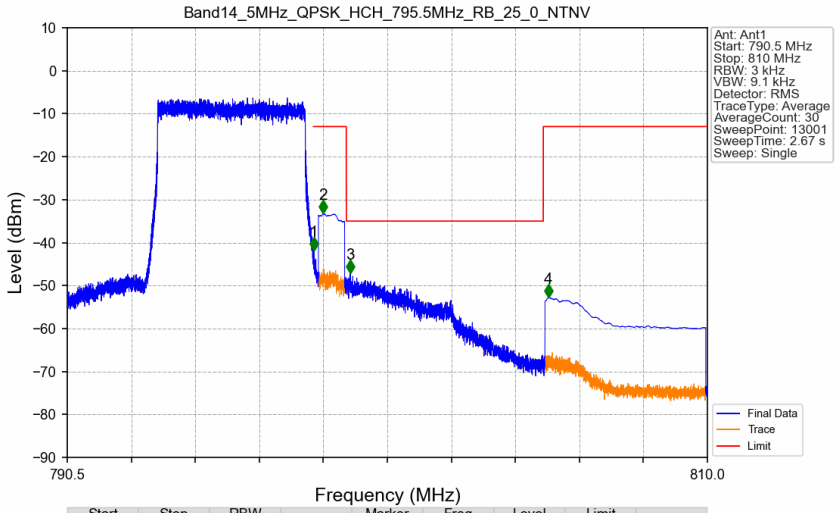


Band14_5MHz_QPSK_HCH_795.5MHz_RB_1_24_NTNV



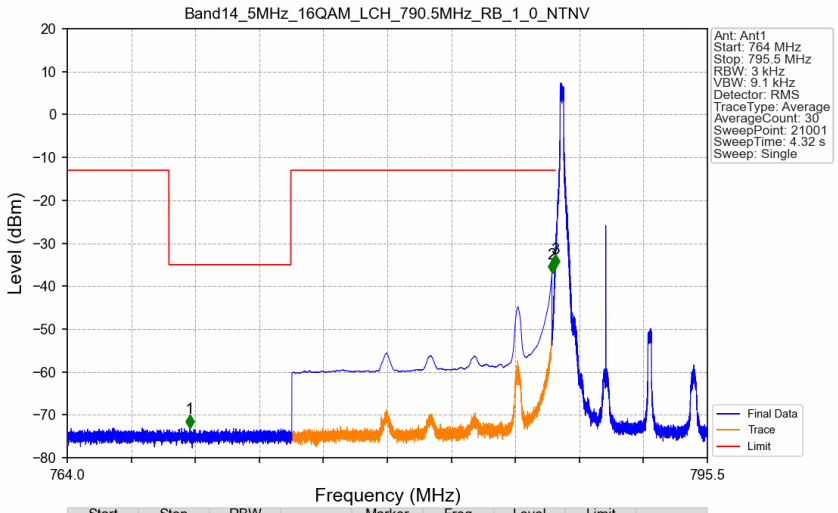
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
790.5	798	0.03	/	/	/	/	/	/
798	798.1	0.03	/	1	798.000	-35.02	-13	Pass
798.1	799	0.1	CHP	2	798.152	-34.17	-13	Pass
799	805	0.00625	/	3	799.836	-56.58	-35	Pass
805	810	0.1	CHP	4	806.271	-58.16	-13	Pass

Band14_5MHz_QPSK_HCH_795.5MHz_RB_25_0_NTNV



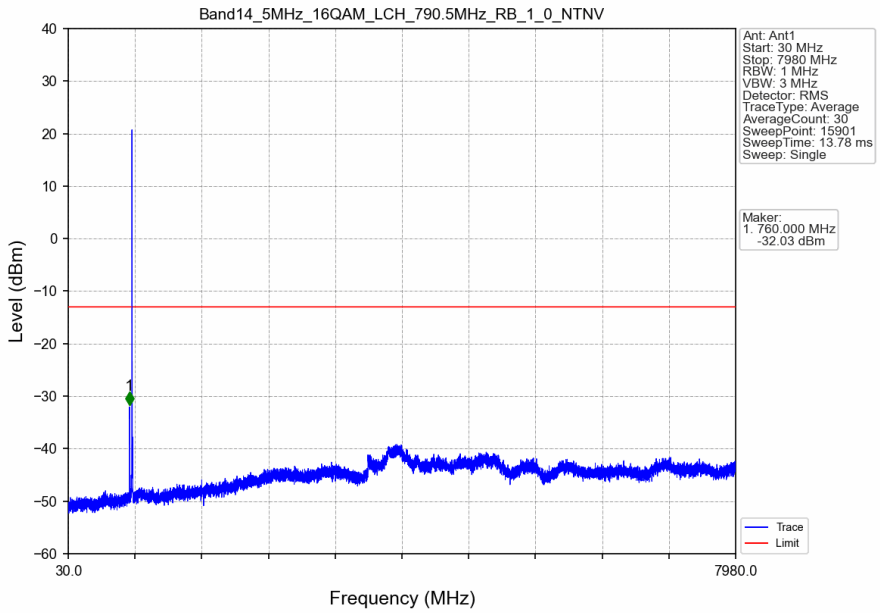
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
790.5	798	0.03	/	/	/	/	/	/
798	798.1	0.03	/	1	798.012	-41.80	-13	Pass
798.1	799	0.1	CHP	2	798.297	-33.27	-13	Pass
799	805	0.00625	/	3	799.120	-47.22	-35	Pass
805	810	0.1	CHP	4	805.157	-52.74	-13	Pass

Band14_5MHz_16QAM_LCH_790.5MHz_RB_1_0_NTNV

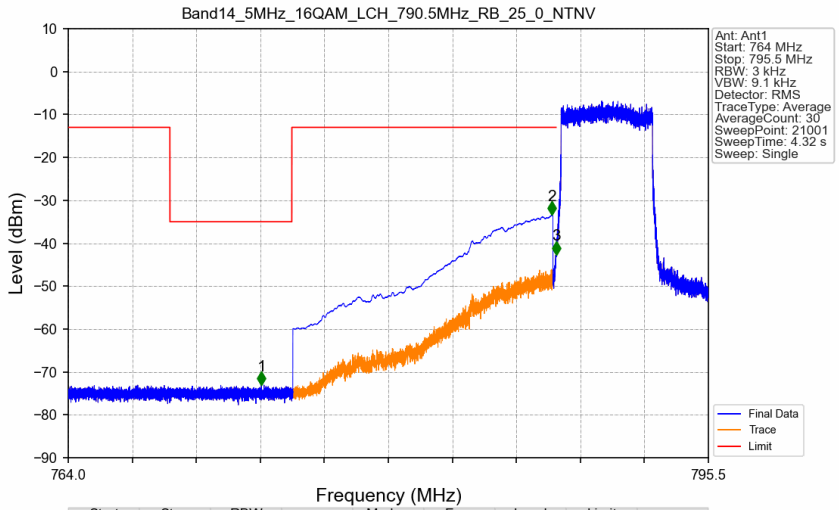


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	775	0.00625	/	1	770.025	-73.03	-35	Pass
775	787.9	0.1	CHP	2	787.848	-36.98	-13	Pass
787.9	788	0.03	/	3	788.000	-35.77	-13	Pass
788	795.5	0.03	/	/	/	/	/	/

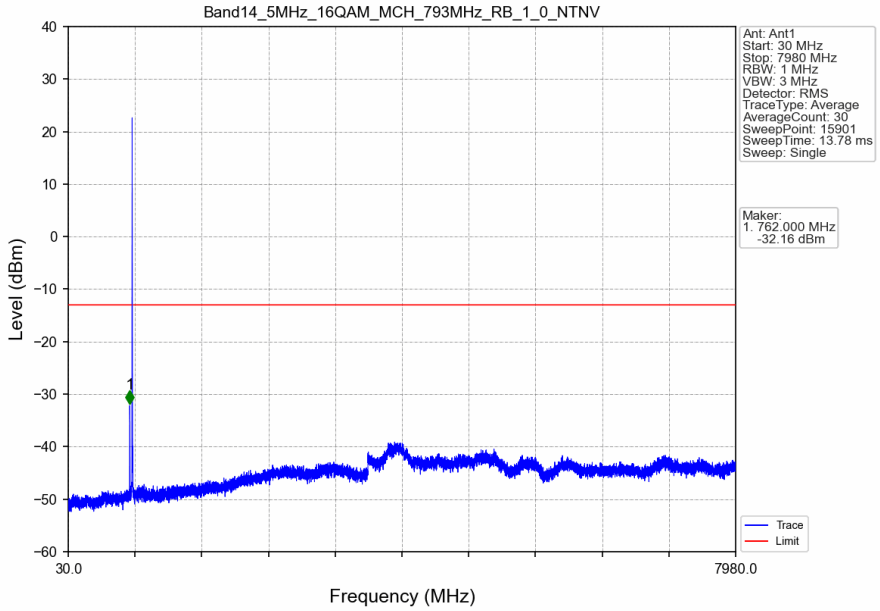
Band14_5MHz_16QAM_LCH_790.5MHz_RB_1_0_NTNV

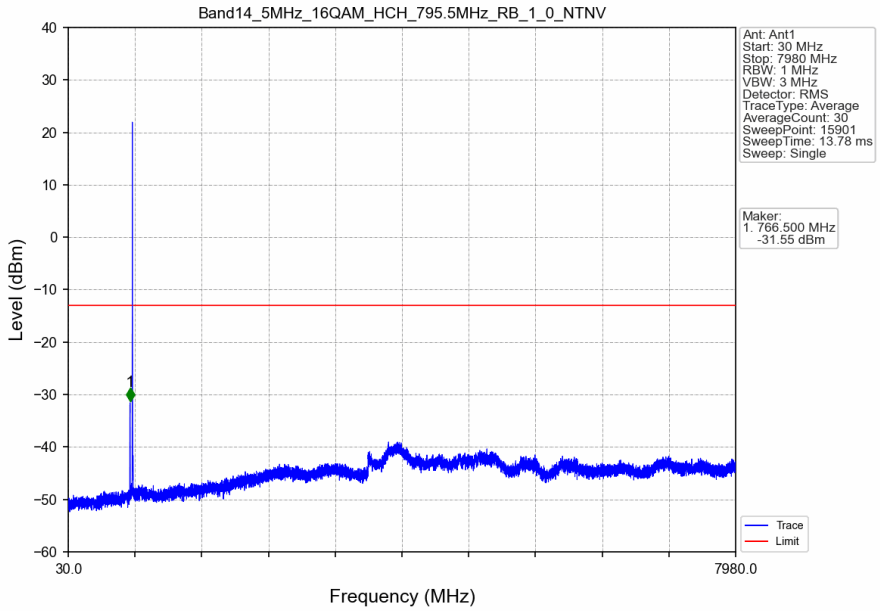


Band14_5MHz_16QAM_LCH_790.5MHz_RB_25_0_NTNV

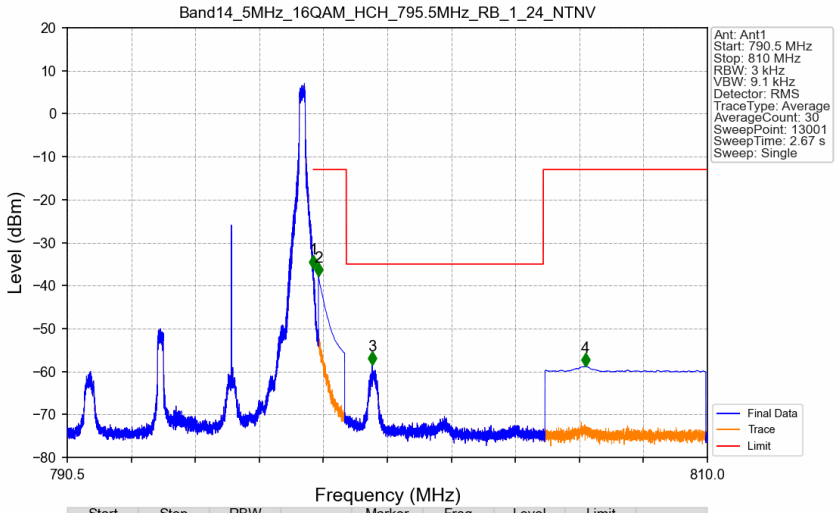


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	775	0.00625	/	1	773.501	-73.07	-35	Pass
775	787.9	0.1	CHP	2	787.792	-33.43	-13	Pass
787.9	788	0.03	/	3	788.000	-42.67	-13	Pass
788	795.5	0.03	/	/	/	/	/	/

Band14_5MHz_16QAM_MCH_793MHz_RB_1_0_NTNV


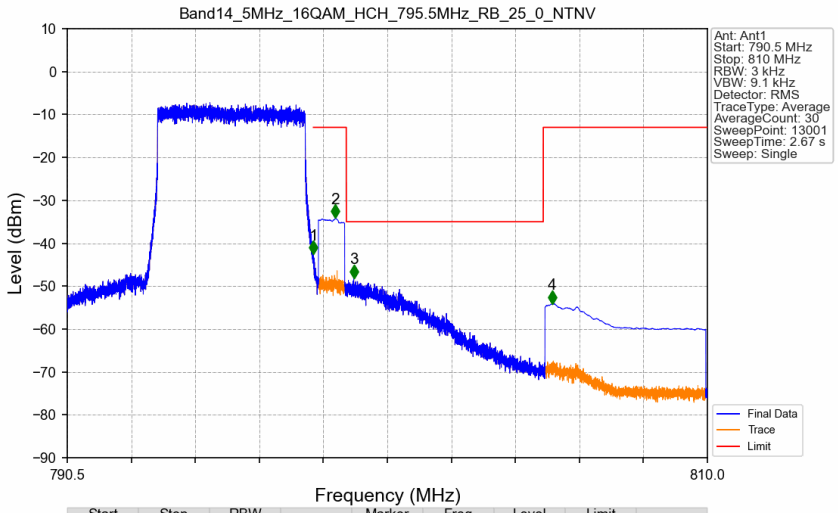
Band14_5MHz_16QAM_HCH_795.5MHz_RB_1_0_NTNV


Band14_5MHz_16QAM_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	/	/	/	/	/	/
798	798.1	0.03	/	1	798.000	-36.03	-13	Pass
798.1	799	0.1	CHP	2	798.152	-37.89	-13	Pass
799	805	0.00625	/	3	799.789	-58.51	-35	Pass
805	810	0.1	CHP	4	806.280	-58.82	-13	Pass

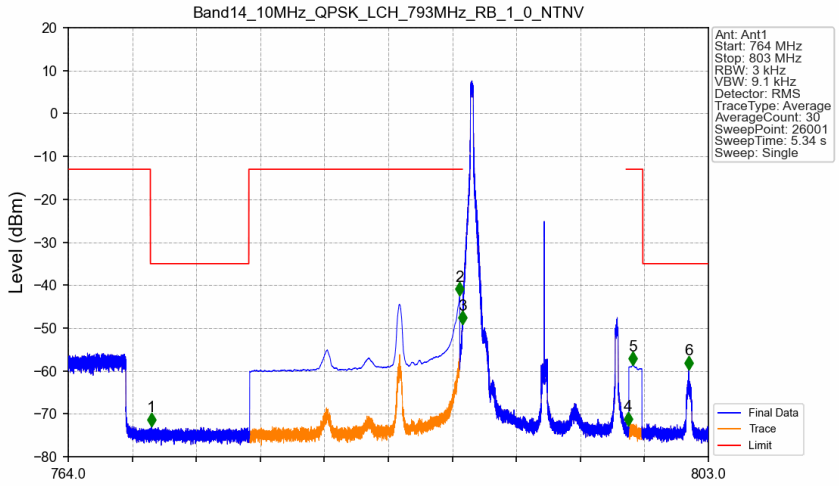
Band14_5MHz_16QAM_HCH_795.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
790.5	798	0.03	/	/	/	/	/	/
798	798.1	0.03	/	1	798.000	-42.57	-13	Pass
798.1	799	0.1	CHP	2	798.670	-34.05	-13	Pass
799	805	0.00625	/	3	799.226	-48.11	-35	Pass
805	810	0.1	CHP	4	805.266	-54.13	-13	Pass

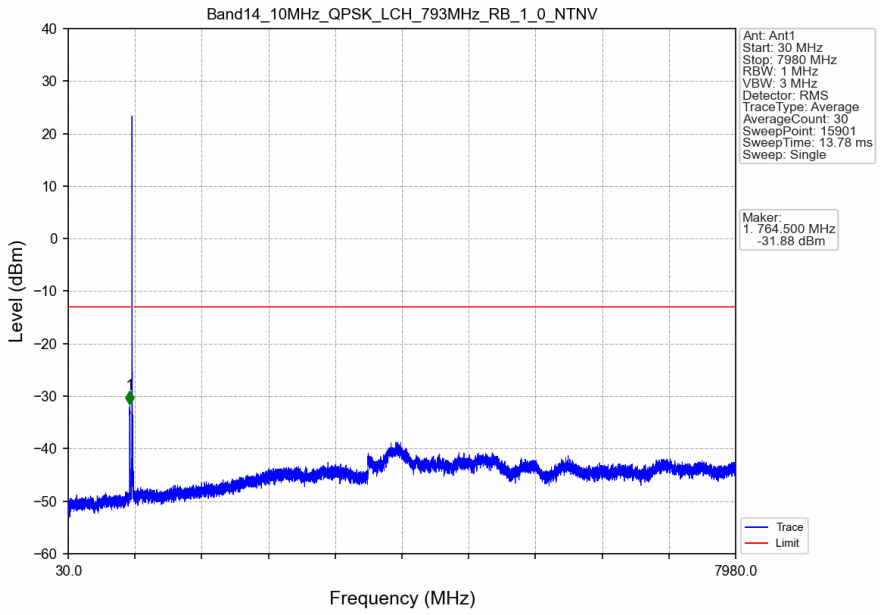
5.2.2 B14_10MHz

Band14_10MHz_QPSK_LCH_793MHz_RB_1_0_NTNV

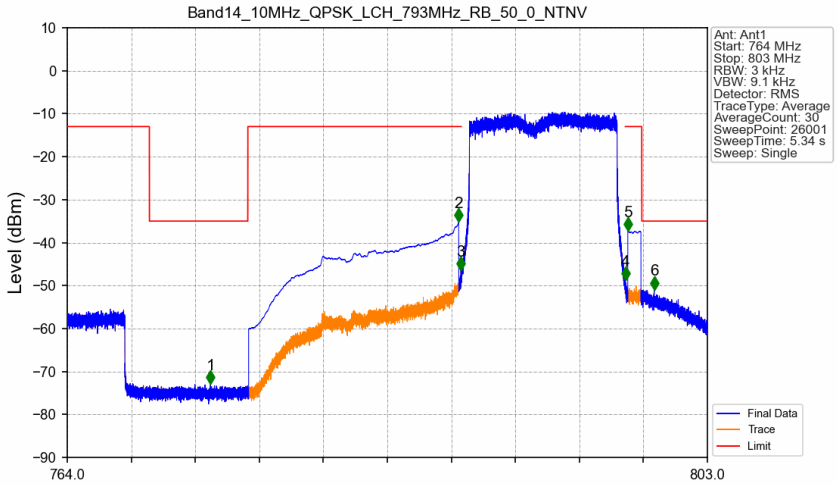


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	775	0.00625	/	1	769.072	-72.85	-35	Pass
775	787.9	0.1	CHP	2	787.848	-42.43	-13	Pass
787.9	788	0.03	/	3	787.995	-49.15	-13	Pass
788	798	0.03	/	/	/	/	/	/
798	798.1	0.03	/	4	798.095	-72.70	-13	Pass
798.1	799	0.1	CHP	5	798.383	-58.70	-13	Pass
799	803	0.00625	/	6	801.806	-59.65	-35	Pass

Band14_10MHz_QPSK_LCH_793MHz_RB_1_0_NTNV

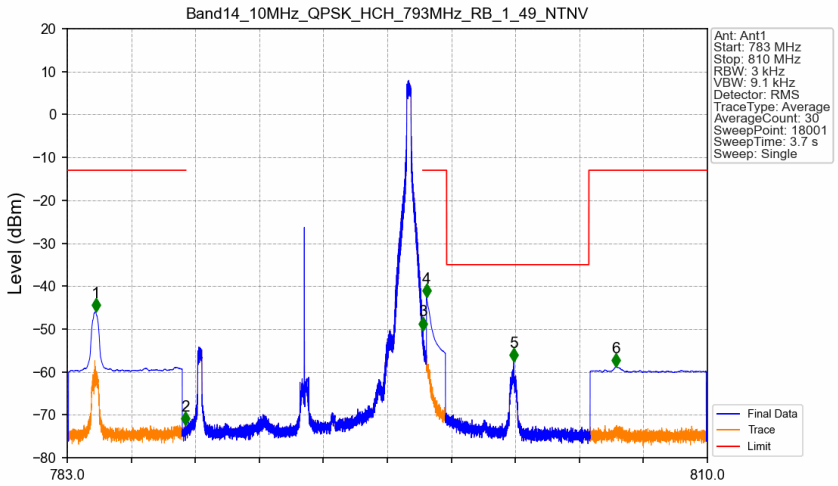


Band14_10MHz_QPSK_LCH_793MHz_RB_50_0_NTNV



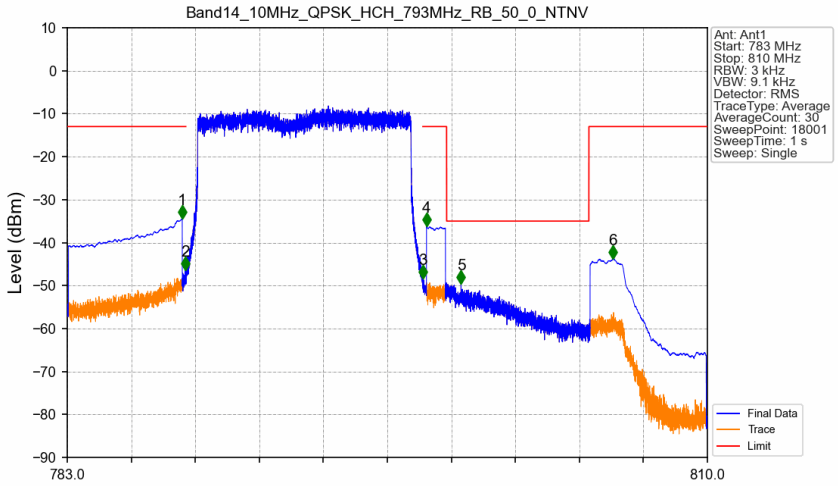
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	775	0.00625	/	1	772.724	-72.89	-35	Pass
775	787.9	0.1	CHP	2	787.848	-35.21	-13	Pass
787.9	788	0.03	/	3	787.984	-46.41	-13	Pass
788	798	0.03	/	/	/	/	/	/
798	798.1	0.03	/	4	798.000	-48.80	-13	Pass
798.1	799	0.1	CHP	5	798.150	-37.22	-13	Pass
799	803	0.00625	/	6	799.757	-50.94	-35	Pass

Band14_10MHz_QPSK_HCH_793MHz_RB_1_49_NTNV



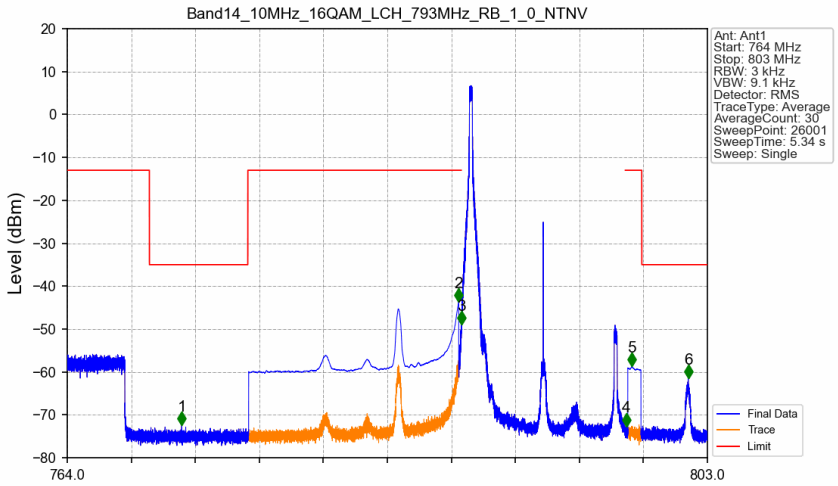
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
783	787.9	0.1	CHP	1	784.197	-45.91	-13	Pass
787.9	788	0.03	/	2	787.987	-72.48	-13	Pass
788	798	0.03	/	/	/	/	/	/
798	798.1	0.03	/	3	798.001	-50.31	-13	Pass
798.1	799	0.1	CHP	4	798.152	-42.63	-13	Pass
799	805	0.00625	/	5	801.836	-57.57	-35	Pass
805	810	0.1	CHP	6	806.149	-58.84	-13	Pass

Band14_10MHz_QPSK_HCH_793MHz_RB_50_0_NTNV



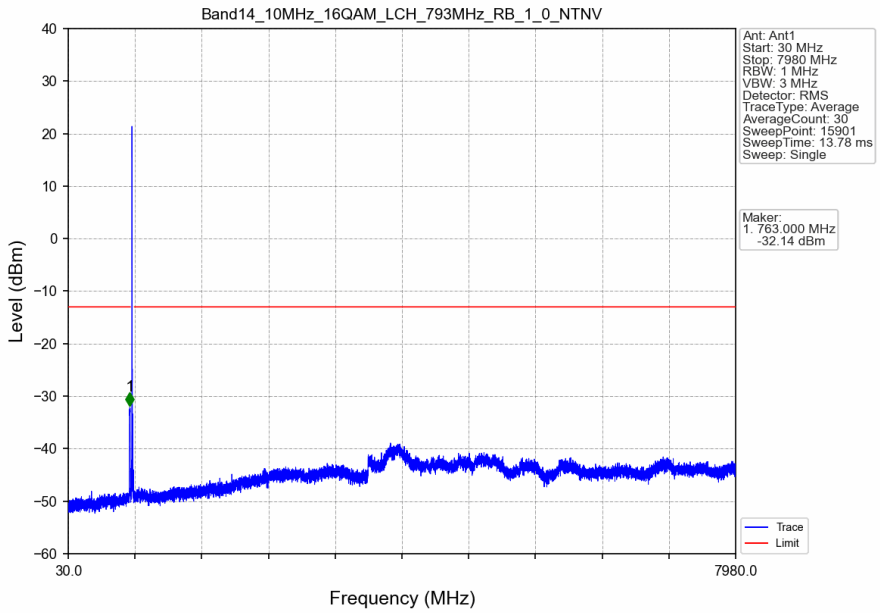
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
783	787.9	0.1	CHP	1	787.850	-34.40	-13	Pass
787.9	788	0.03	/	2	787.987	-46.46	-13	Pass
788	798	0.03	/	/	/	/	/	/
798	798.1	0.03	/	3	798.015	-48.40	-13	Pass
798.1	799	0.1	CHP	4	798.152	-36.16	-13	Pass
799	805	0.00625	/	5	799.610	-49.67	-35	Pass
805	810	0.1	CHP	6	806.000	-43.78	-13	Pass

Band14_10MHz_16QAM_LCH_793MHz_RB_1_0_NTNV

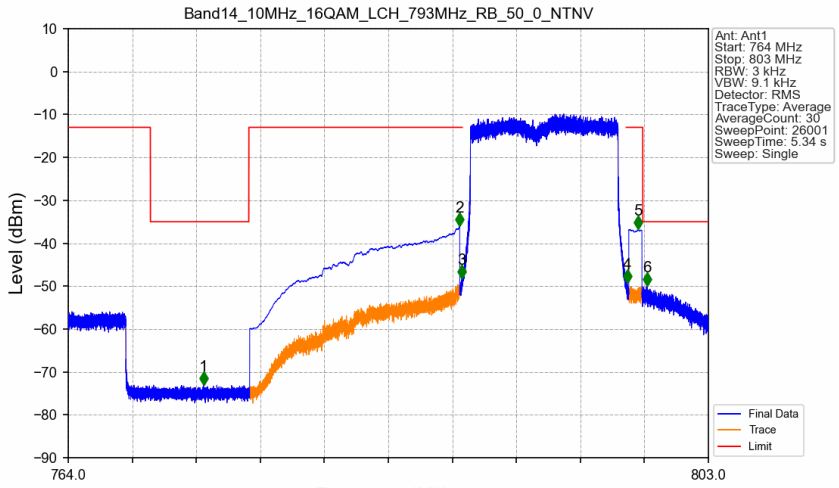


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	775	0.00625	/	1	770.973	-72.43	-35	Pass
775	787.9	0.1	CHP	2	787.848	-43.62	-13	Pass
787.9	788	0.03	/	3	787.999	-49.01	-13	Pass
788	798	0.03	/	/	/	/	/	/
798	798.1	0.03	/	4	798.052	-72.70	-13	Pass
798.1	799	0.1	CHP	5	798.388	-58.74	-13	Pass
799	803	0.00625	/	6	801.832	-61.47	-35	Pass

Band14_10MHz_16QAM_LCH_793MHz_RB_1_0_NTNV

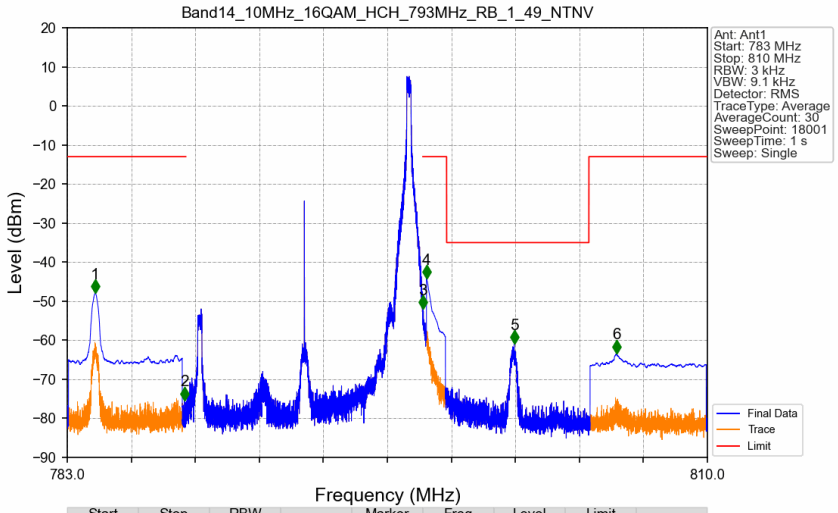


Band14_10MHz_16QAM_LCH_793MHz_RB_50_0_NTNV



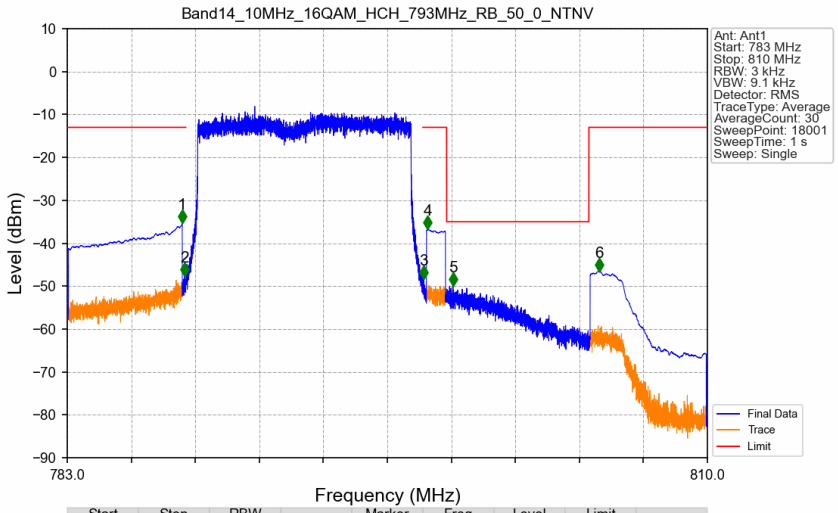
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	775	0.00625	/	1	772.238	-73.07	-35	Pass
775	787.9	0.1	CHP	2	787.847	-36.00	-13	Pass
787.9	788	0.03	/	3	787.981	-48.18	-13	Pass
788	798	0.03	/	/	/	/	/	/
798	798.1	0.03	/	4	798.047	-49.24	-13	Pass
798.1	799	0.1	CHP	5	798.713	-36.79	-13	Pass
799	803	0.00625	/	6	799.275	-49.96	-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	784.178	-47.89	-13	Pass
787.9	788	0.03	/	2	787.950	-75.37	-13	Pass
788	798	0.03	/	/	/	/	/	/
798	798.1	0.03	/	3	798.005	-52.00	-13	Pass
798.1	799	0.1	CHP	4	798.152	-44.30	-13	Pass
799	805	0.00625	/	5	801.849	-60.96	-35	Pass
805	810	0.1	CHP	6	806.162	-63.35	-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	-35.38	-13	Pass
787.9	788	0.03	/	2	787.950	-47.74	-13	Pass
788	798	0.03	/	/	/	/	/	/
798	798.1	0.03	/	3	798.032	-48.41	-13	Pass
798.1	799	0.1	CHP	4	798.197	-36.81	-13	Pass
799	805	0.00625	/	5	799.269	-49.98	-35	Pass
805	810	0.1	CHP	6	805.428	-46.57	-13	Pass

6. Emission Mask

6.1 Test Result

6.1.1 B14_5MHz

Band: 14 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Freq. (MHz)		Emission Mask (dBm)		Verdict
		Size	Offset	Start	Stop	Result	Limit	
QPSK	790.5	25	0	773	778	-52.29	-13	Pass
				778	785.5	-34.54	-27.21	Pass
				785.5	787.95	-30.23	-17.21	Pass
				787.95	793.05	7.79	7.79	Pass
				793.05	795.5	-25.84	-17.21	Pass
				795.5	803	-35.08	-27.21	Pass
				803	808	-56.54	-13	Pass
	793	25	0	775.5	780.5	-51.47	-13	Pass
				780.5	788	-36.58	-27.1	Pass
				788	790.45	-29.00	-17.1	Pass
				790.45	795.55	7.90	7.9	Pass
				795.55	798	-28.83	-17.1	Pass
				798	805.5	-34.88	-27.1	Pass
				805.5	810.5	-56.89	-13	Pass
	795.5	25	0	778	783	-52.01	-13	Pass
				783	790.5	-37.39	-27.33	Pass
				790.5	792.95	-31.74	-17.33	Pass
				792.95	798.05	7.67	7.67	Pass
				798.05	800.5	-29.49	-17.33	Pass
				800.5	808	-36.98	-27.33	Pass
				808	813	-64.68	-13	Pass
16QAM	790.5	25	0	773	778	-54.47	-13	Pass
				778	785.5	-34.47	-27.84	Pass
				785.5	787.95	-30.39	-17.84	Pass
				787.95	793.05	7.16	7.16	Pass
				793.05	795.5	-28.39	-17.84	Pass
				795.5	803	-35.62	-27.84	Pass
				803	808	-58.46	-13	Pass
	793	25	0	775.5	780.5	-53.49	-13	Pass
				780.5	788	-36.85	-27.72	Pass
				788	790.45	-30.79	-17.72	Pass
				790.45	795.55	7.28	7.28	Pass
				795.55	798	-29.54	-17.72	Pass
				798	805.5	-35.45	-27.72	Pass
				805.5	810.5	-58.86	-13	Pass
	795.5	25	0	778	783	-53.63	-13	Pass
				783	790.5	-36.64	-28.52	Pass
				790.5	792.95	-30.91	-18.52	Pass
				792.95	798.05	6.48	6.48	Pass
				798.05	800.5	-30.34	-18.52	Pass
				800.5	808	-37.99	-28.52	Pass
				808	813	-65.16	-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	50	0	758	768	-41.30	-13	Pass
				768	783	-39.76	-30.07	Pass
				783	787.95	-32.90	-20.07	Pass
				787.95	798.05	4.93	4.93	Pass
				798.05	803	-35.36	-20.07	Pass
				803	818	-43.29	-30.07	Pass
				818	828	-64.81	-13	Pass
16QAM	793	50	0	758	768	-41.60	-13	Pass
				768	783	-40.36	-30.81	Pass
				783	787.95	-34.32	-20.81	Pass
				787.95	798.05	4.19	4.19	Pass
				798.05	803	-35.88	-20.81	Pass
				803	818	-43.59	-30.81	Pass
				818	828	-65.77	-13	Pass

6.2 Test Graph

6.2.1 B14_5MHz

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_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


6.2.2 B14_10MHz

Band14_10MHz_QPSK_MCH_793MHz_RB_50_0_NTNV

Band14_10MHz_16QAM_MCH_793MHz_RB_50_0_NTNV


7. Field Strength of Spurious Radiation

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	-66.85	-40	-26.85	-70.49	2.05	5.69	Horizontal	Pass
2364.75	-61.25	-13	-48.25	-64.17	2.58	5.5	Horizontal	Pass
3153.0	-59.04	-13	-46.04	-63.28	3.06	7.3	Horizontal	Pass
1576.5	-66.71	-40	-26.71	-70.35	2.05	5.69	Vertical	Pass
2364.75	-61.8	-13	-48.8	-64.72	2.58	5.5	Vertical	Pass
3153.0	-59.77	-13	-46.77	-64.01	3.06	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	-67.18	-40	-27.18	-70.79	2.06	5.67	Horizontal	Pass
2372.25	-60.93	-13	-47.93	-63.86	2.58	5.51	Horizontal	Pass
3163.0	-59.61	-13	-46.61	-63.87	3.07	7.33	Horizontal	Pass
1581.5	-67.85	-40	-27.85	-71.46	2.06	5.67	Vertical	Pass
2372.25	-60.43	-13	-47.43	-63.36	2.58	5.51	Vertical	Pass
3163.0	-59.3	-13	-46.3	-63.56	3.07	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	-67.43	-40	-27.43	-71.03	2.06	5.66	Horizontal	Pass
2379.75	-61.84	-13	-48.84	-64.78	2.59	5.53	Horizontal	Pass
3173.0	-59.37	-13	-46.37	-63.65	3.07	7.35	Horizontal	Pass
1586.5	-67.47	-40	-27.47	-71.07	2.06	5.66	Vertical	Pass
2379.75	-62.21	-13	-49.21	-65.15	2.59	5.53	Vertical	Pass
3173.0	-59.5	-13	-46.5	-63.78	3.07	7.35	Vertical	Pass