

**Appendix A.10****1. Effective (Isotropic) Radiated Power Output Data****1.1 Test Result****1.1.1 B14_5MHz_ERP**

Band: 14 / Bandwidth: 5MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	790.5	1	0	22.68	-2.81	17.72	<=34.77	Pass
			13	22.65	-2.81	17.69	<=34.77	Pass
			24	22.65	-2.81	17.69	<=34.77	Pass
		12	0	21.73	-2.81	16.77	<=34.77	Pass
			6	21.78	-2.81	16.82	<=34.77	Pass
			13	21.72	-2.81	16.76	<=34.77	Pass
		25	0	21.84	-2.81	16.88	<=34.77	Pass
	793	1	0	22.79	-2.81	17.83	<=34.77	Pass
			13	22.72	-2.81	17.76	<=34.77	Pass
			24	22.69	-2.81	17.73	<=34.77	Pass
		12	0	21.75	-2.81	16.79	<=34.77	Pass
			6	21.71	-2.81	16.75	<=34.77	Pass
			13	21.72	-2.81	16.76	<=34.77	Pass
		25	0	21.66	-2.81	16.70	<=34.77	Pass
	795.5	1	0	22.62	-2.81	17.66	<=34.77	Pass
			13	22.67	-2.81	17.71	<=34.77	Pass
			24	22.66	-2.81	17.70	<=34.77	Pass
		12	0	21.65	-2.81	16.69	<=34.77	Pass
			6	21.75	-2.81	16.79	<=34.77	Pass
			13	21.68	-2.81	16.72	<=34.77	Pass
		25	0	21.73	-2.81	16.77	<=34.77	Pass
16QAM	790.5	1	0	22.05	-2.81	17.09	<=34.77	Pass
			13	21.92	-2.81	16.96	<=34.77	Pass
			24	21.90	-2.81	16.94	<=34.77	Pass
		12	0	20.79	-2.81	15.83	<=34.77	Pass
			6	20.88	-2.81	15.92	<=34.77	Pass
			13	20.75	-2.81	15.79	<=34.77	Pass
		25	0	20.82	-2.81	15.86	<=34.77	Pass
	793	1	0	21.90	-2.81	16.94	<=34.77	Pass
			13	22.16	-2.81	17.20	<=34.77	Pass
			24	21.68	-2.81	16.72	<=34.77	Pass
		12	0	20.66	-2.81	15.70	<=34.77	Pass
			6	20.79	-2.81	15.83	<=34.77	Pass
			13	20.74	-2.81	15.78	<=34.77	Pass
		25	0	20.74	-2.81	15.78	<=34.77	Pass
	795.5	1	0	21.86	-2.81	16.90	<=34.77	Pass
			13	21.82	-2.81	16.86	<=34.77	Pass
			24	22.00	-2.81	17.04	<=34.77	Pass
		12	0	20.71	-2.81	15.75	<=34.77	Pass
			6	20.77	-2.81	15.81	<=34.77	Pass

64QAM	790.5	25	13	20.79	-2.81	15.83	<=34.77	Pass
			0	20.66	-2.81	15.70	<=34.77	Pass
	790.5	1	0	21.72	-2.81	16.76	<=34.77	Pass
			13	21.80	-2.81	16.84	<=34.77	Pass
			24	21.65	-2.81	16.69	<=34.77	Pass
		12	0	20.76	-2.81	15.80	<=34.77	Pass
			6	20.83	-2.81	15.87	<=34.77	Pass
			13	20.69	-2.81	15.73	<=34.77	Pass
	793	25	0	20.77	-2.81	15.81	<=34.77	Pass
			0	21.62	-2.81	16.66	<=34.77	Pass
			13	21.85	-2.81	16.89	<=34.77	Pass
		1	24	21.94	-2.81	16.98	<=34.77	Pass
			0	20.74	-2.81	15.78	<=34.77	Pass
		12	6	20.74	-2.81	15.78	<=34.77	Pass
			13	20.79	-2.81	15.83	<=34.77	Pass
		25	0	20.72	-2.81	15.76	<=34.77	Pass
			0	21.73	-2.81	16.77	<=34.77	Pass
		1	13	21.84	-2.81	16.88	<=34.77	Pass
			24	21.72	-2.81	16.76	<=34.77	Pass
	795.5	12	0	20.69	-2.81	15.73	<=34.77	Pass
			6	20.70	-2.81	15.74	<=34.77	Pass
			13	20.79	-2.81	15.83	<=34.77	Pass
		25	0	20.73	-2.81	15.77	<=34.77	Pass
256QAM	790.5	1	0	17.73	-2.81	12.77	<=34.77	Pass
			13	17.88	-2.81	12.92	<=34.77	Pass
			24	18.36	-2.81	13.40	<=34.77	Pass
		12	0	16.98	-2.81	12.02	<=34.77	Pass
			6	17.88	-2.81	12.92	<=34.77	Pass
			13	17.91	-2.81	12.95	<=34.77	Pass
		25	0	17.85	-2.81	12.89	<=34.77	Pass
	793	1	0	17.55	-2.81	12.59	<=34.77	Pass
			13	18.27	-2.81	13.31	<=34.77	Pass
			24	17.84	-2.81	12.88	<=34.77	Pass
		12	0	17.69	-2.81	12.73	<=34.77	Pass
			6	17.80	-2.81	12.84	<=34.77	Pass
			13	17.81	-2.81	12.85	<=34.77	Pass
		25	0	17.74	-2.81	12.78	<=34.77	Pass
	795.5	1	0	17.71	-2.81	12.75	<=34.77	Pass
			13	17.77	-2.81	12.81	<=34.77	Pass
			24	17.80	-2.81	12.84	<=34.77	Pass
		12	0	17.79	-2.81	12.83	<=34.77	Pass
			6	17.73	-2.81	12.77	<=34.77	Pass
			13	17.75	-2.81	12.79	<=34.77	Pass
		25	0	17.80	-2.81	12.84	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.2 B14_10MHz_ERP

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



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QPSK	793	1	0	22.77	-2.81	17.81	<=34.77	Pass
			25	22.74	-2.81	17.78	<=34.77	Pass
			49	22.68	-2.81	17.72	<=34.77	Pass
		25	0	21.75	-2.81	16.79	<=34.77	Pass
			13	21.76	-2.81	16.80	<=34.77	Pass
			25	21.68	-2.81	16.72	<=34.77	Pass
		50	0	21.63	-2.81	16.67	<=34.77	Pass
16QAM	793	1	0	22.13	-2.81	17.17	<=34.77	Pass
			25	22.05	-2.81	17.09	<=34.77	Pass
			49	21.85	-2.81	16.89	<=34.77	Pass
		25	0	20.75	-2.81	15.79	<=34.77	Pass
			13	20.67	-2.81	15.71	<=34.77	Pass
			25	20.77	-2.81	15.81	<=34.77	Pass
		50	0	20.81	-2.81	15.85	<=34.77	Pass
64QAM	793	1	0	21.70	-2.81	16.74	<=34.77	Pass
			25	21.64	-2.81	16.68	<=34.77	Pass
			49	21.78	-2.81	16.82	<=34.77	Pass
		25	0	20.75	-2.81	15.79	<=34.77	Pass
			13	20.73	-2.81	15.77	<=34.77	Pass
			25	20.71	-2.81	15.75	<=34.77	Pass
		50	0	20.61	-2.81	15.65	<=34.77	Pass
256QAM	793	1	0	17.16	-2.81	12.20	<=34.77	Pass
			25	19.34	-2.81	14.38	<=34.77	Pass
			49	17.18	-2.81	12.22	<=34.77	Pass
		25	0	17.78	-2.81	12.82	<=34.77	Pass
			13	17.72	-2.81	12.76	<=34.77	Pass
			25	17.82	-2.81	12.86	<=34.77	Pass
		50	0	17.87	-2.81	12.91	<=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	1.772	0.0022	-2.5 to 2.5	Pass
					NV	1.840	0.0023	-2.5 to 2.5	Pass
					HV	1.295	0.0016	-2.5 to 2.5	Pass
				-30	NV	1.496	0.0019	-2.5 to 2.5	Pass
				-20	NV	0.093	0.0001	-2.5 to 2.5	Pass
				-10	NV	0.605	0.0008	-2.5 to 2.5	Pass
				0	NV	0.733	0.0009	-2.5 to 2.5	Pass
				10	NV	-0.500	-0.0006	-2.5 to 2.5	Pass
				30	NV	0.961	0.0012	-2.5 to 2.5	Pass
				40	NV	-0.312	-0.0004	-2.5 to 2.5	Pass
				50	NV	0.356	0.0004	-2.5 to 2.5	Pass



3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band14_OBW

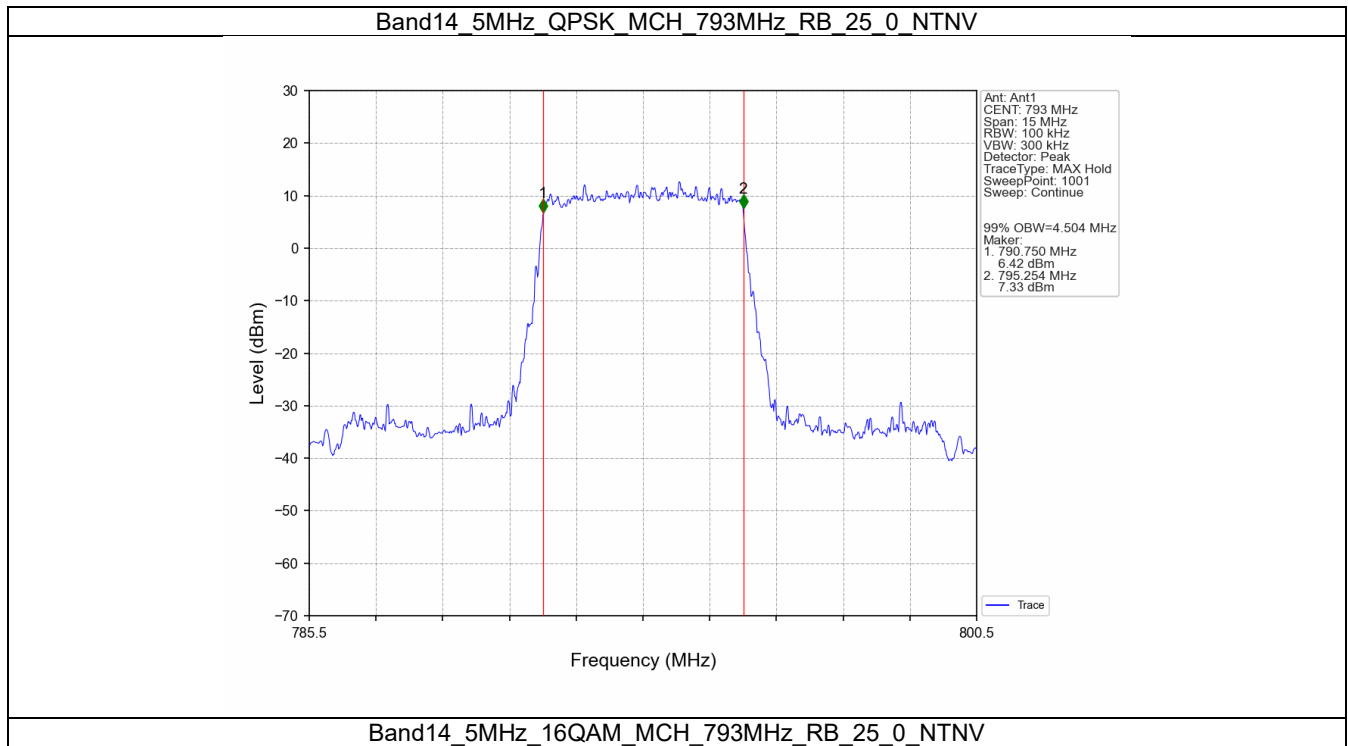
Band: 14 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	793	25	0	4.504	/	Pass
	16QAM	793	25	0	4.509	/	Pass
	64QAM	793	25	0	4.510	/	Pass
	256QAM	793	25	0	4.519	/	Pass
10	QPSK	793	50	0	8.911	/	Pass
	16QAM	793	50	0	8.929	/	Pass
	64QAM	793	50	0	8.923	/	Pass
	256QAM	793	50	0	8.919	/	Pass

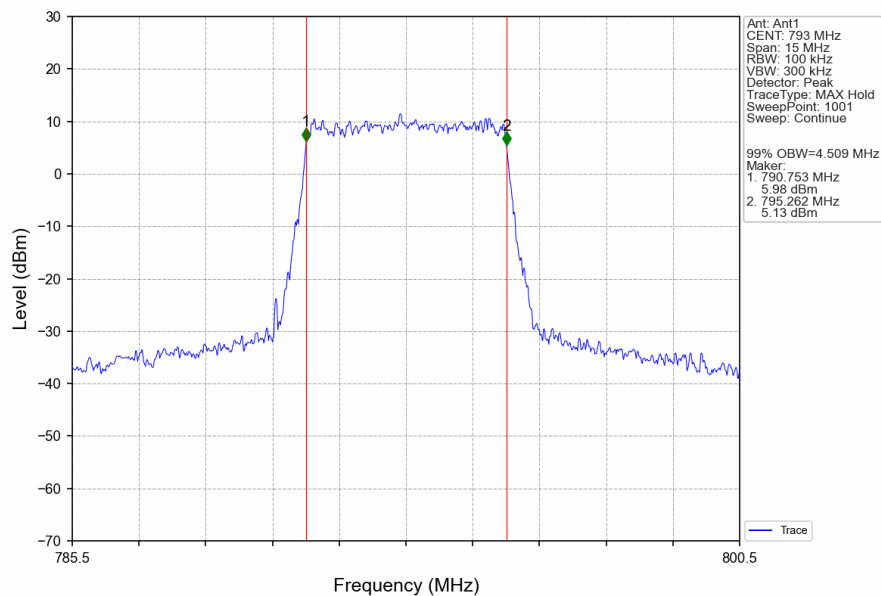
3.1.2 Band14_XDB

Band: 14 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	793	25	0	5.037	/	Pass
	16QAM	793	25	0	5.072	/	Pass
	64QAM	793	25	0	5.107	/	Pass
	256QAM	793	25	0	5.117	/	Pass
10	QPSK	793	50	0	9.673	/	Pass
	16QAM	793	50	0	9.661	/	Pass
	64QAM	793	50	0	9.706	/	Pass
	256QAM	793	50	0	9.636	/	Pass

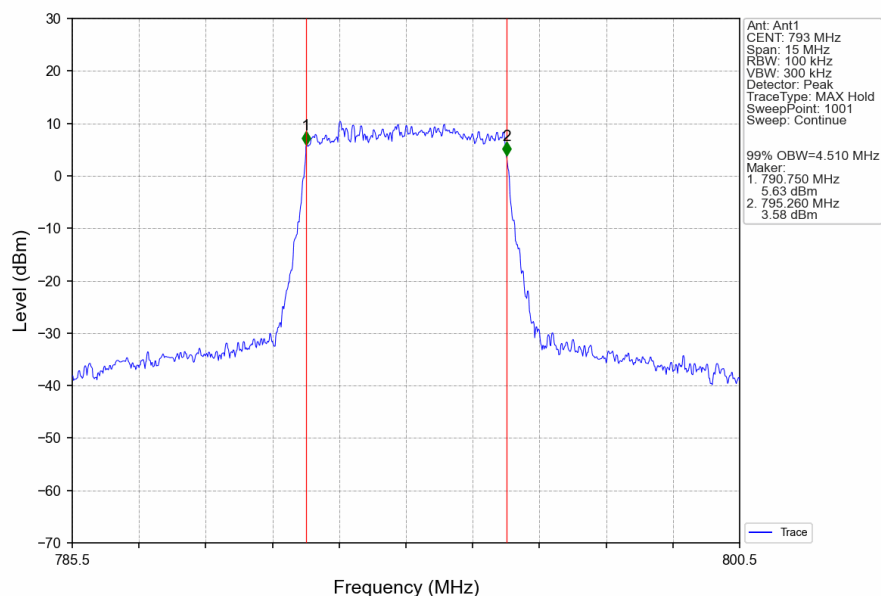
3.2 Test Graph

3.2.1 Band14_OBW

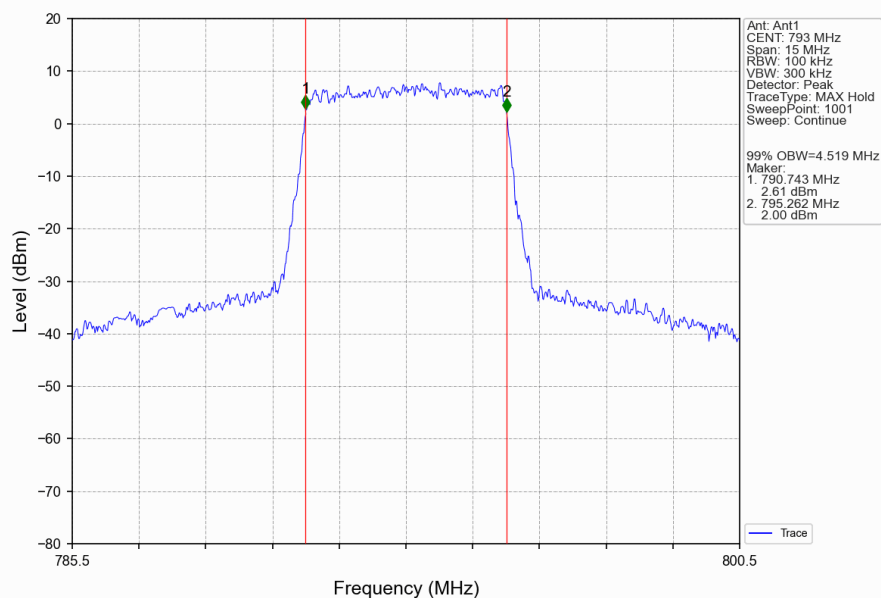




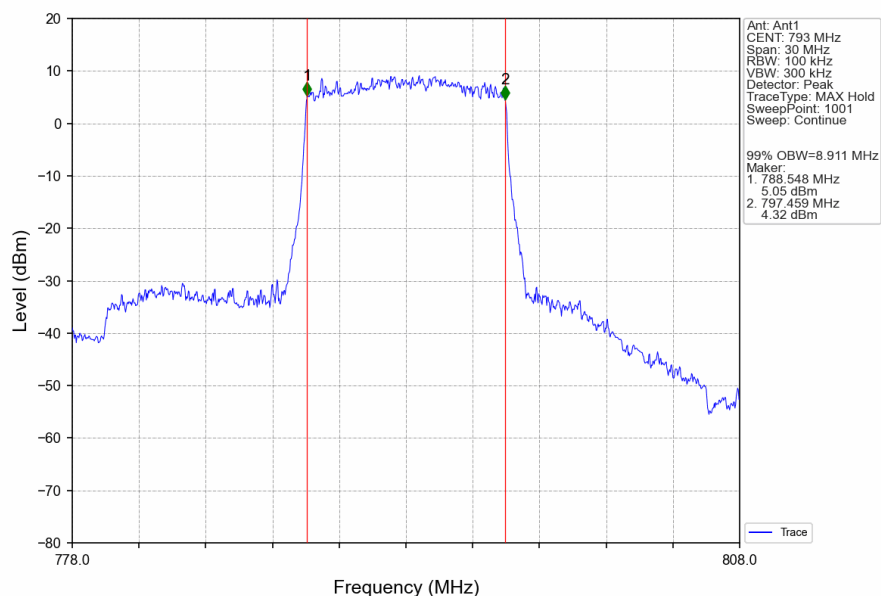
Band14_5MHz_64QAM_MCH_793MHz_RB_25_0_NTNV



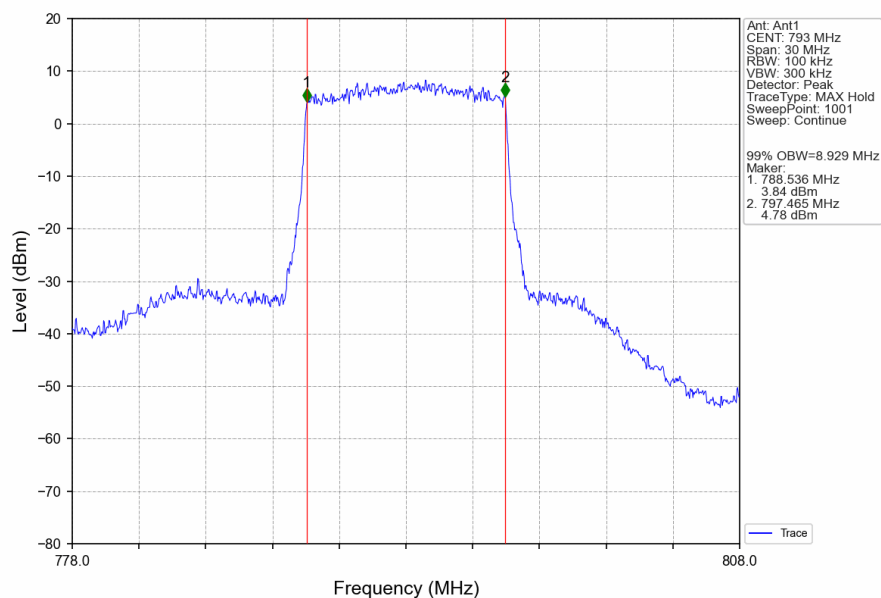
Band14_5MHz_256QAM_MCH_793MHz_RB_25_0_NTNV



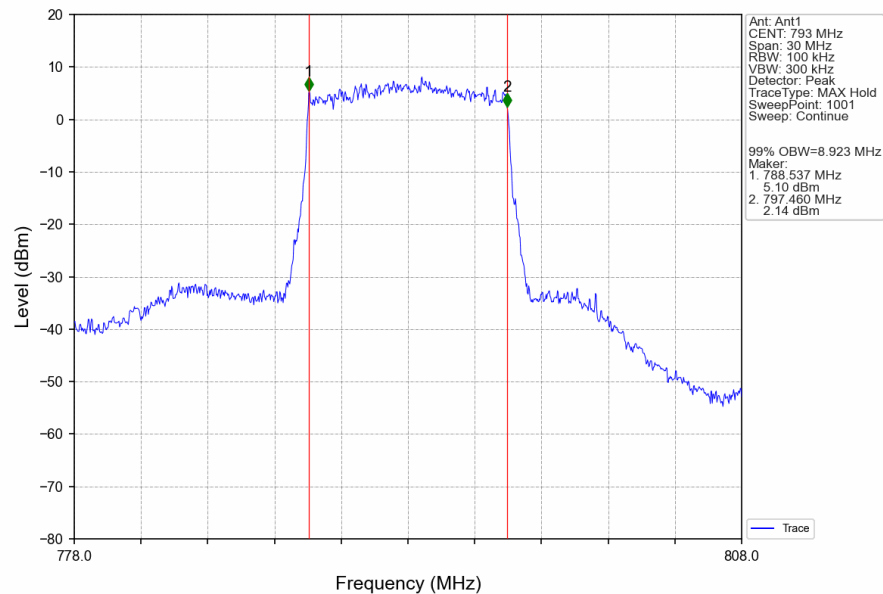
Band14_10MHz_QPSK_MCH_793MHz_RB_50_0_NTNV



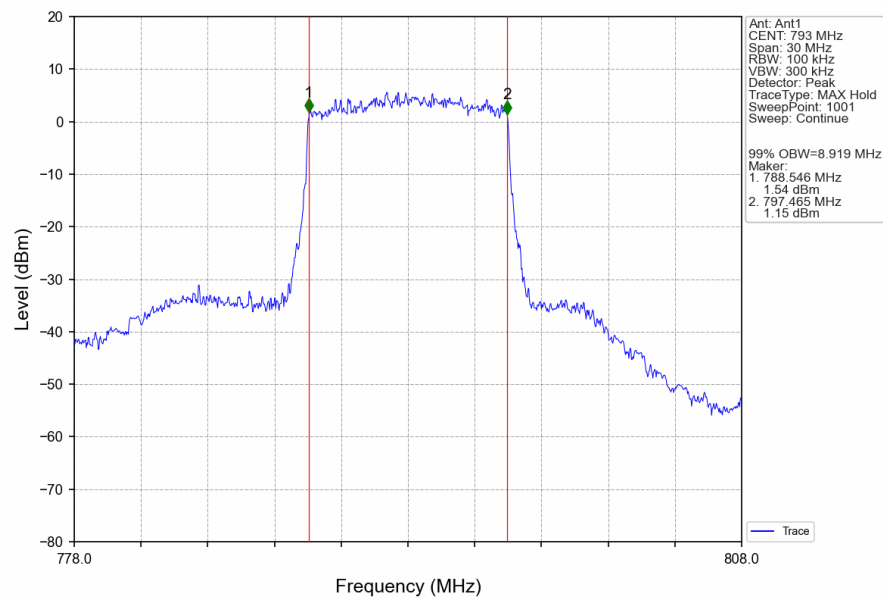
Band14_10MHz_16QAM_MCH_793MHz_RB_50_0_NTNV



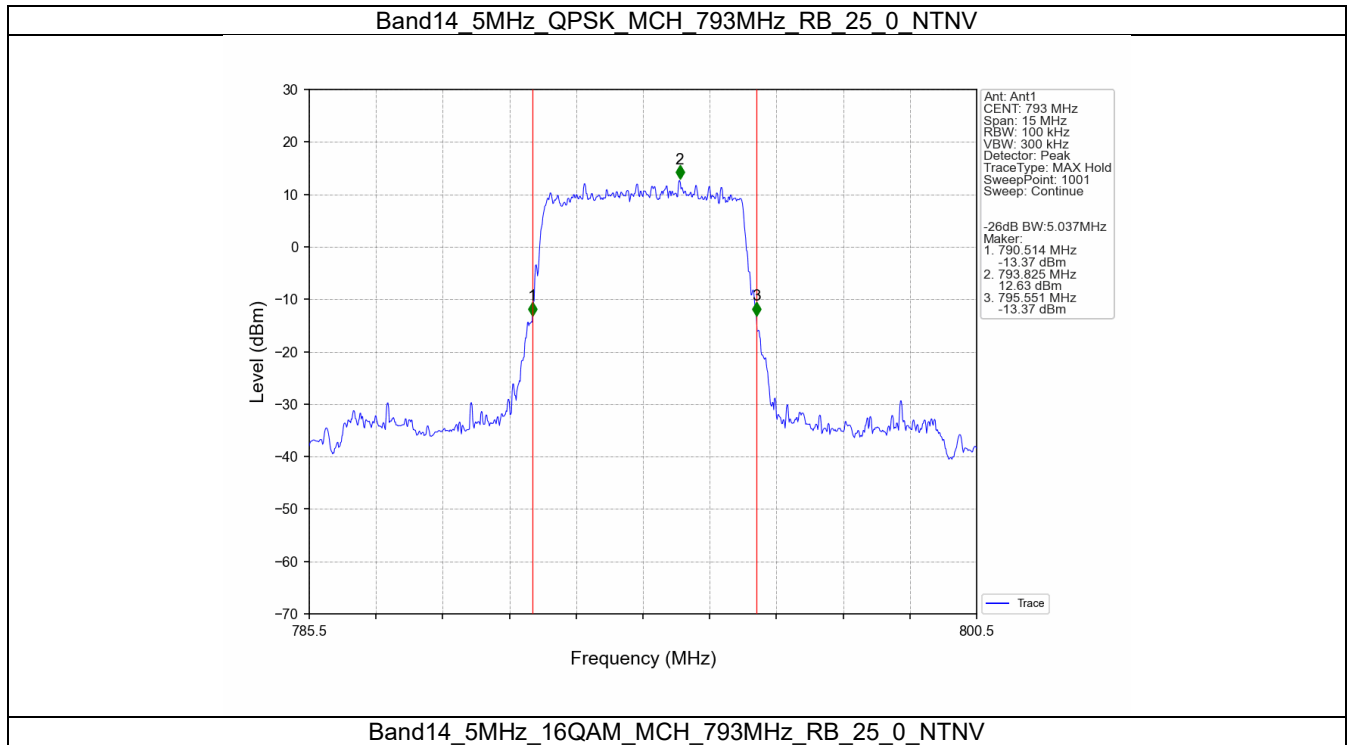
Band14_10MHz_64QAM_MCH_793MHz_RB_50_0_NTNV

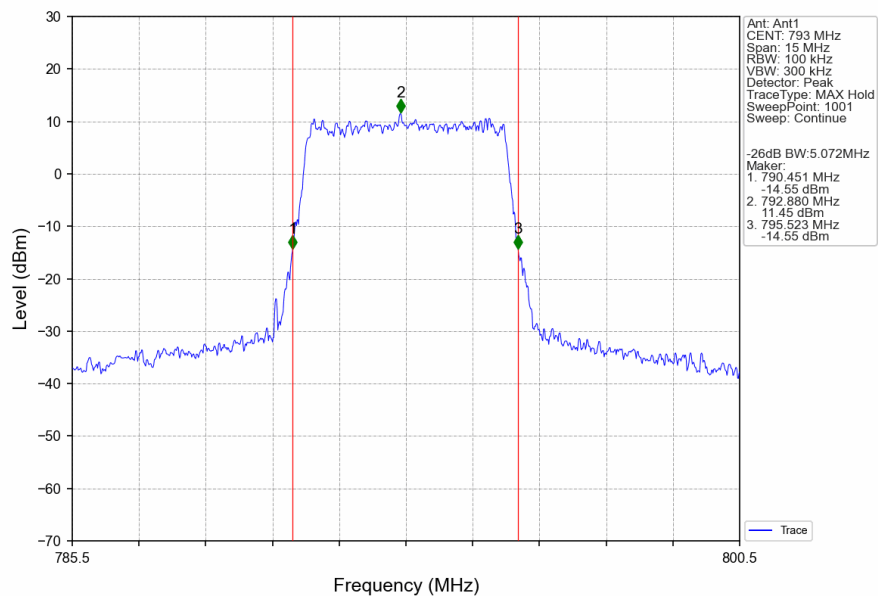


Band14_10MHz_256QAM_MCH_793MHz_RB_50_0_NTNV

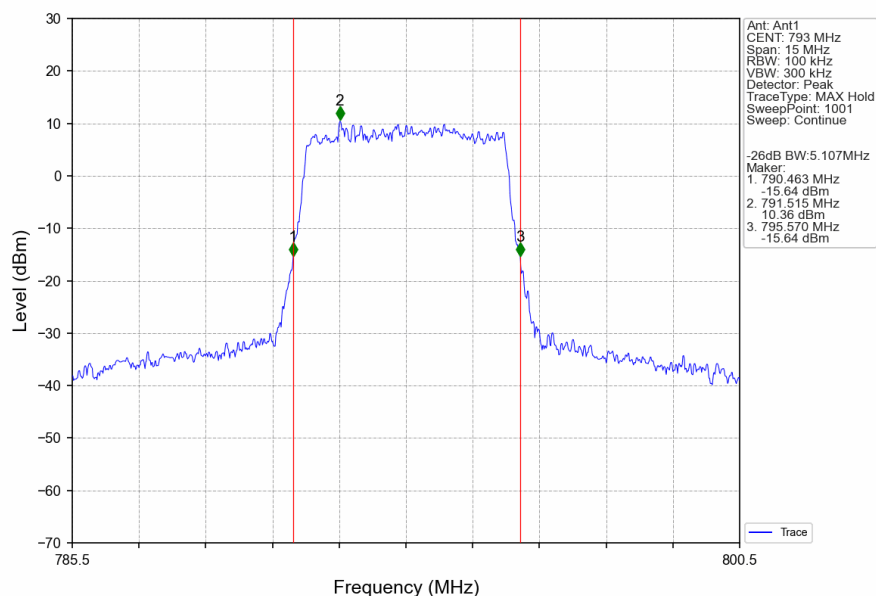


3.2.2 Band14_XDB

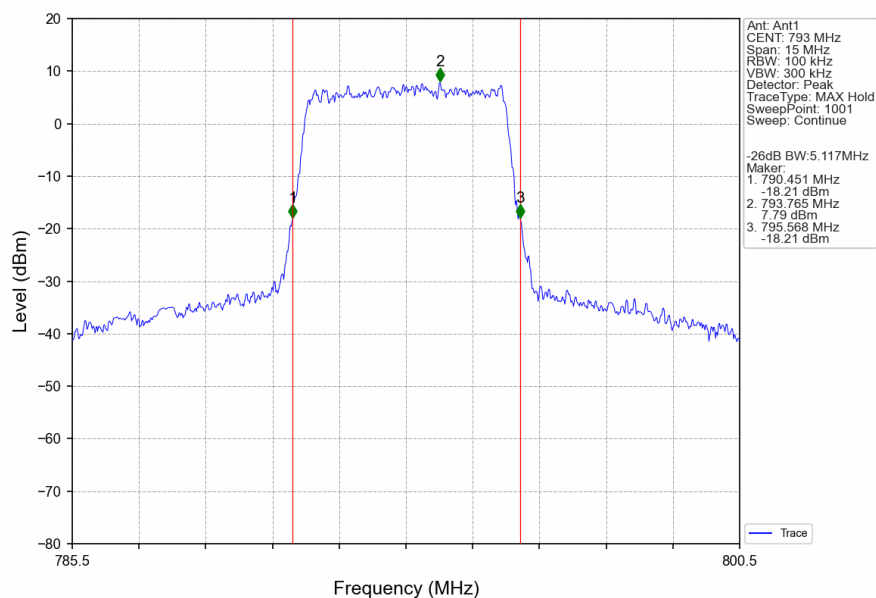




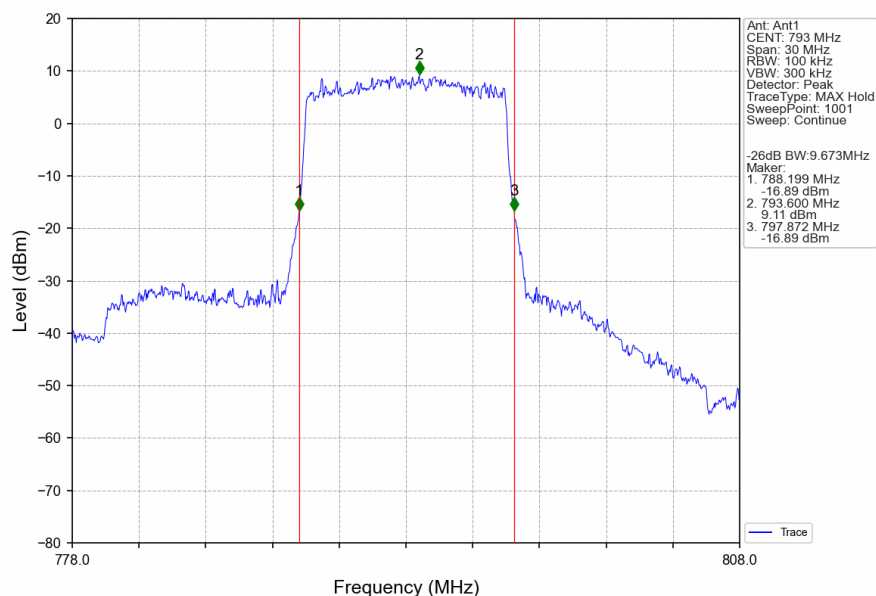
Band14_5MHz_64QAM_MCH_793MHz_RB_25_0_NTNV



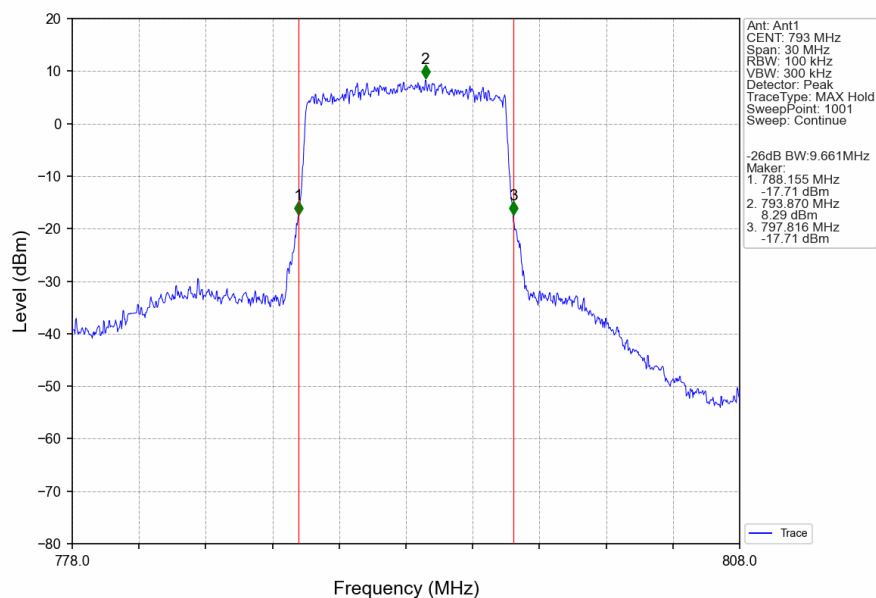
Band14_5MHz_256QAM_MCH_793MHz_RB_25_0_NTNV



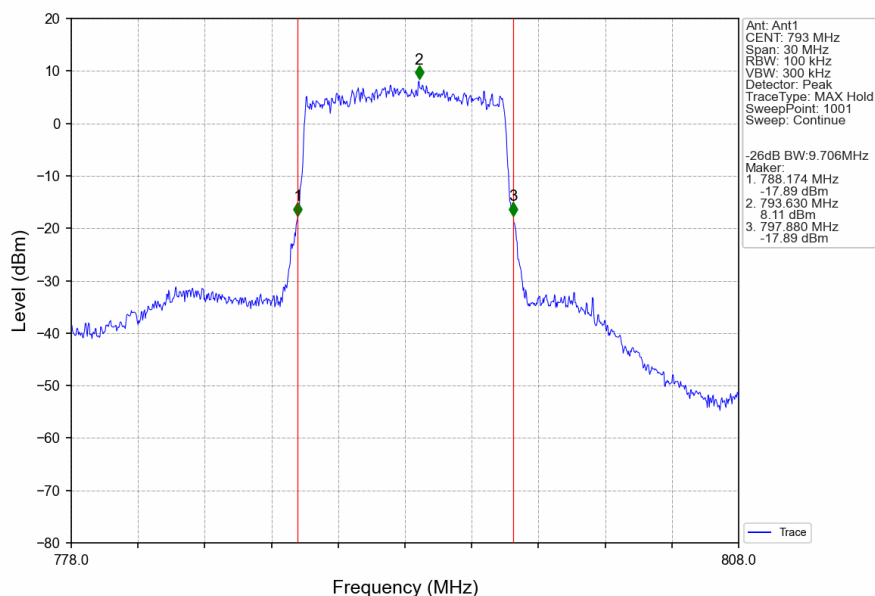
Band14_10MHz_QPSK_MCH_793MHz_RB_50_0_NTNV



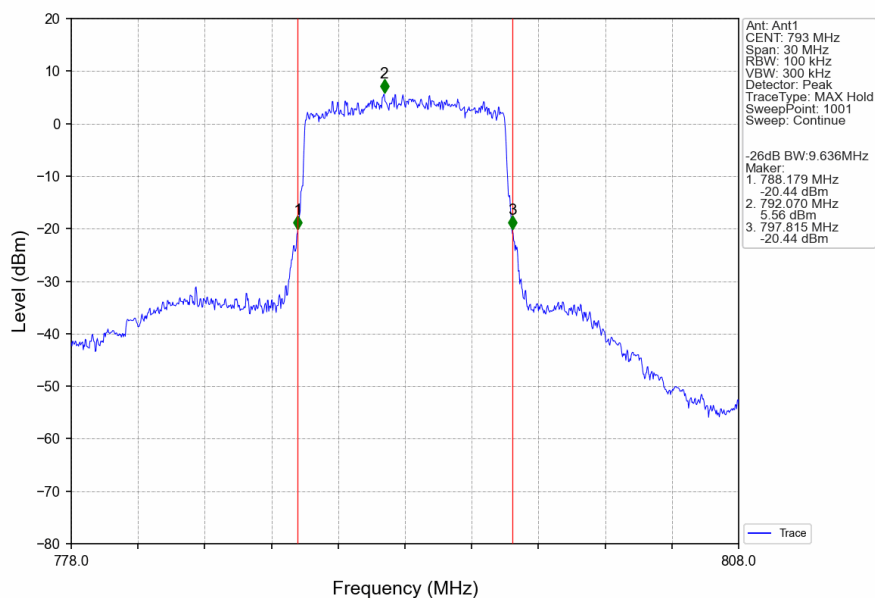
Band14_10MHz_16QAM_MCH_793MHz_RB_50_0_NTNV



Band14_10MHz_64QAM_MCH_793MHz_RB_50_0_NTNV



Band14_10MHz_256QAM_MCH_793MHz_RB_50_0_NTNV





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4. Peak-Average Ratio

4.1 Test Result

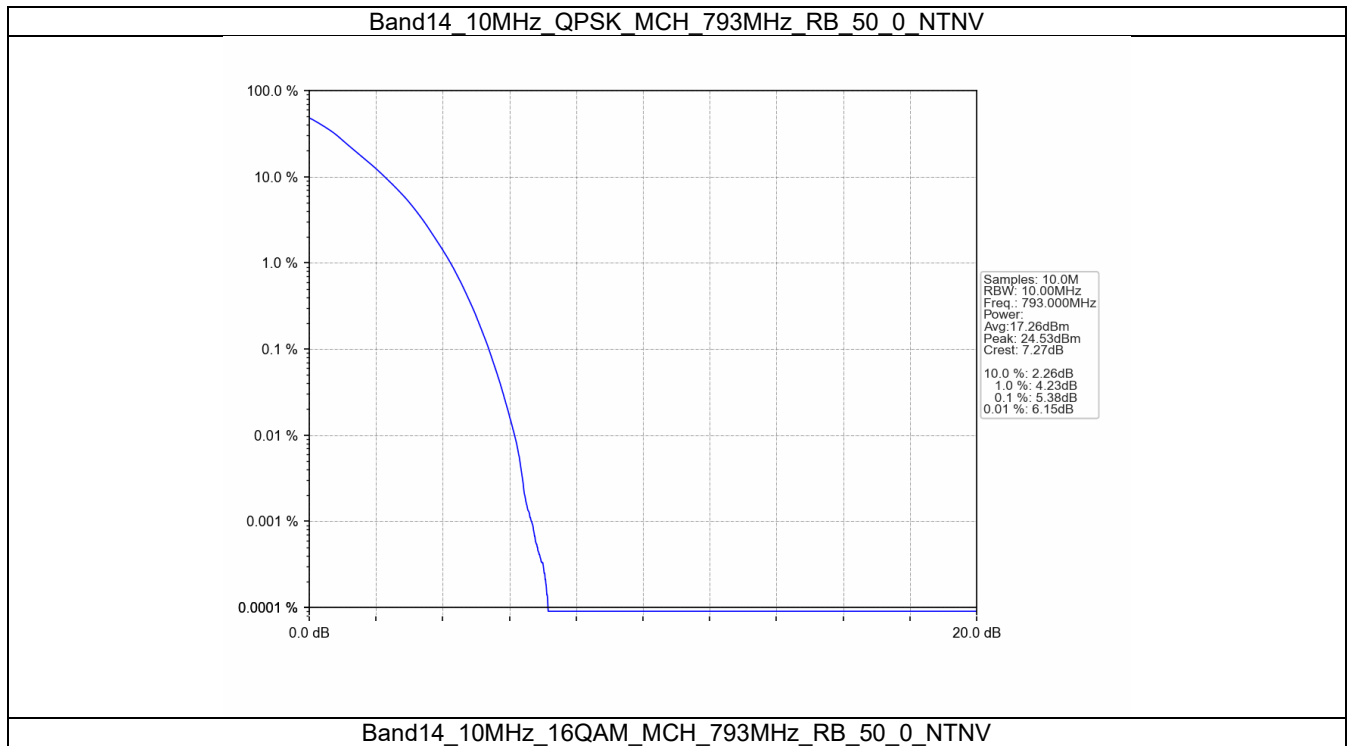
4.1.1 B14_10MHz

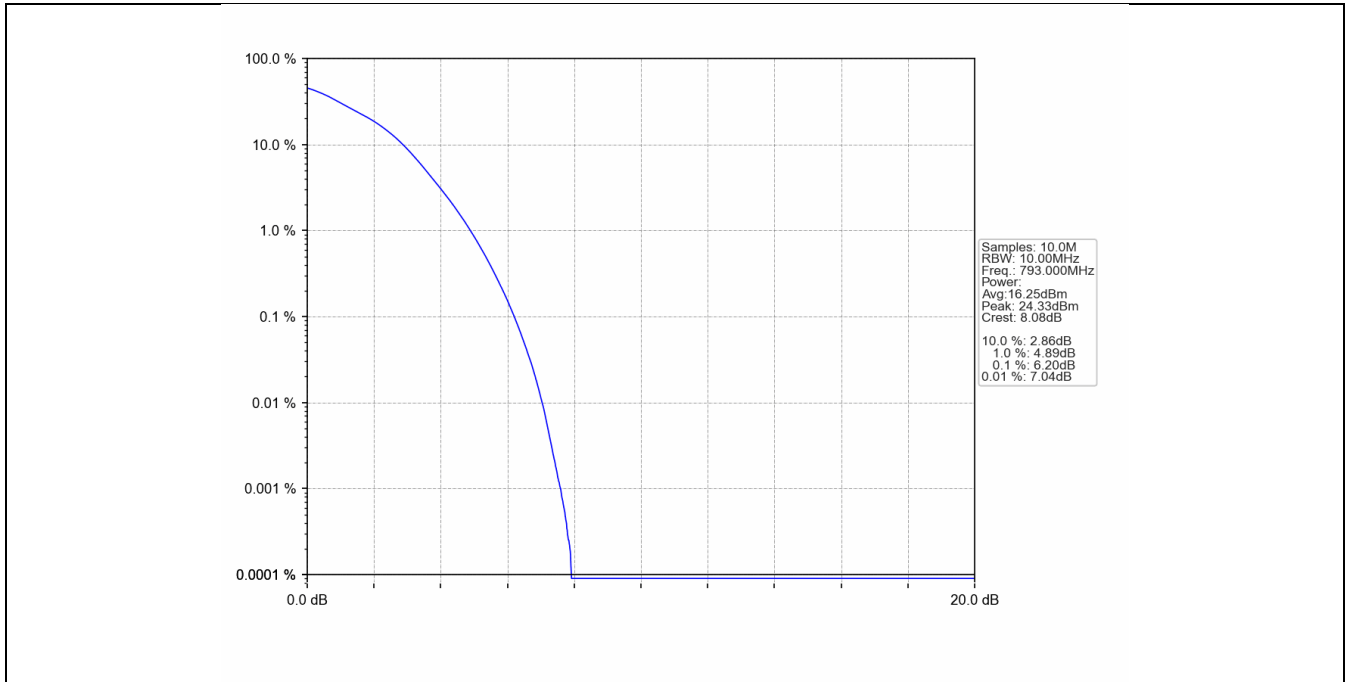
Band: 14 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	793	50	0	5.38	<=13	Pass
16QAM	793	50	0	6.20	<=13	Pass
64QAM	793	50	0	6.42	<=13	Pass
256QAM	793	50	0	6.48	<=13	Pass



4.2 Test Graph

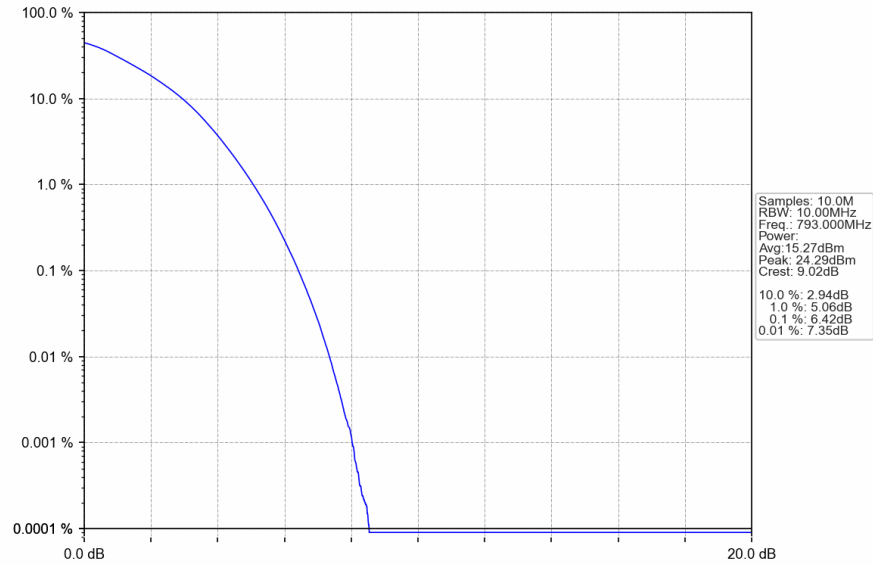
4.2.1 B14_10MHz



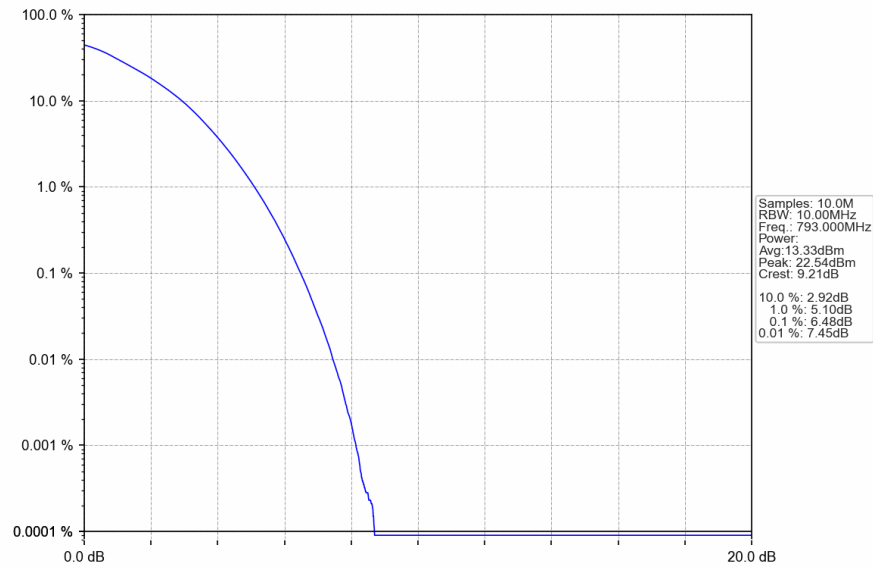




Band14_10MHz_64QAM_MCH_793MHz_RB_50_0_NTNV



Band14_10MHz_256QAM_MCH_793MHz_RB_50_0_NTNV





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5. Spurious Emission

5.1 Test Result

5.1.1 B14_5MHz

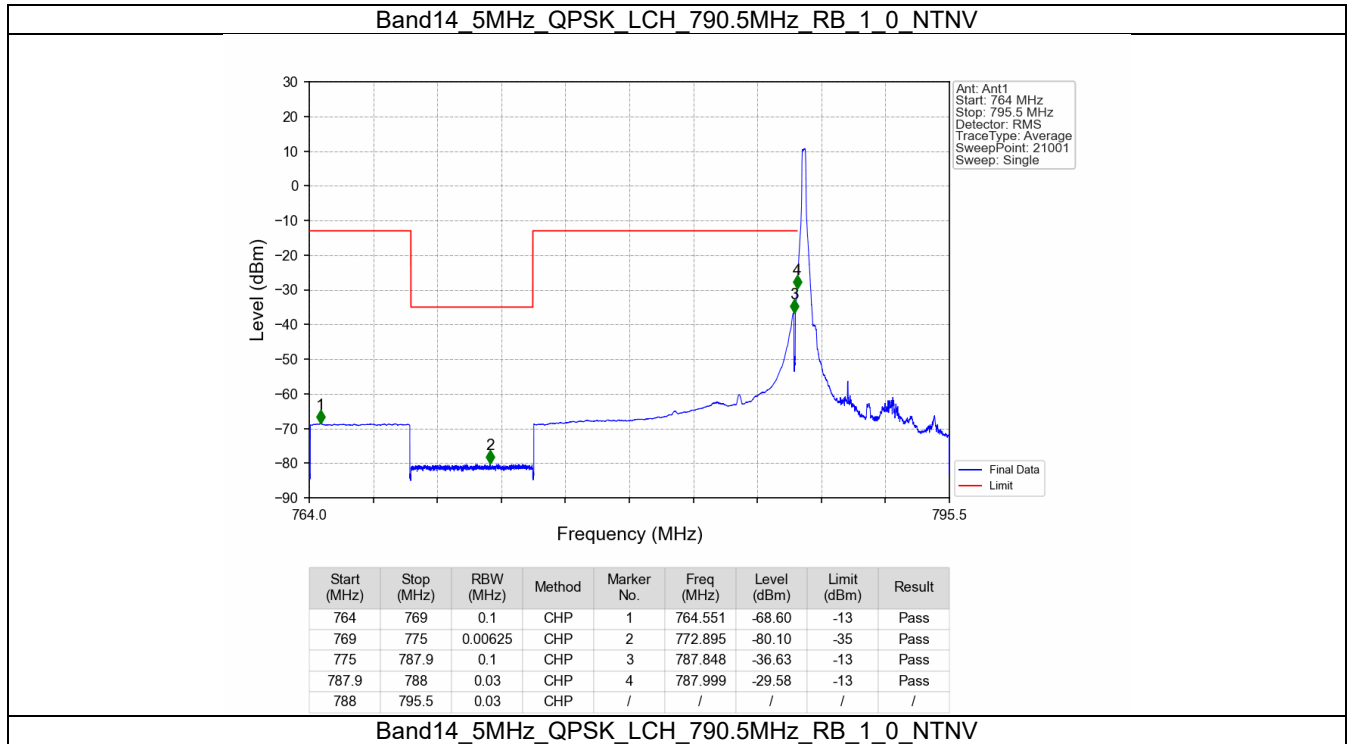
Band: 14 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	790.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	793	1	0	Refer To Test Graph		Pass
	795.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test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

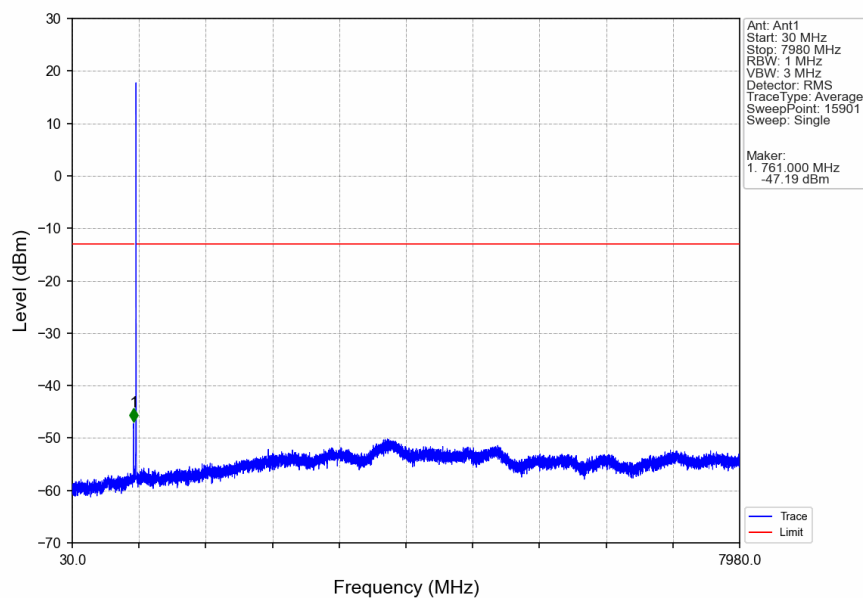
5.1.2 B14_10MHz

Band: 14 / Bandwidth: 10MHz / 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

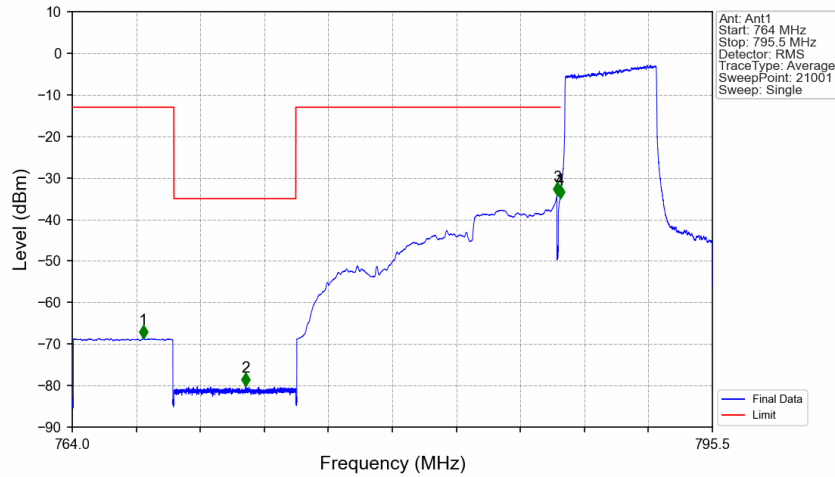
5.2 Test Graph

5.2.1 B14_5MHz



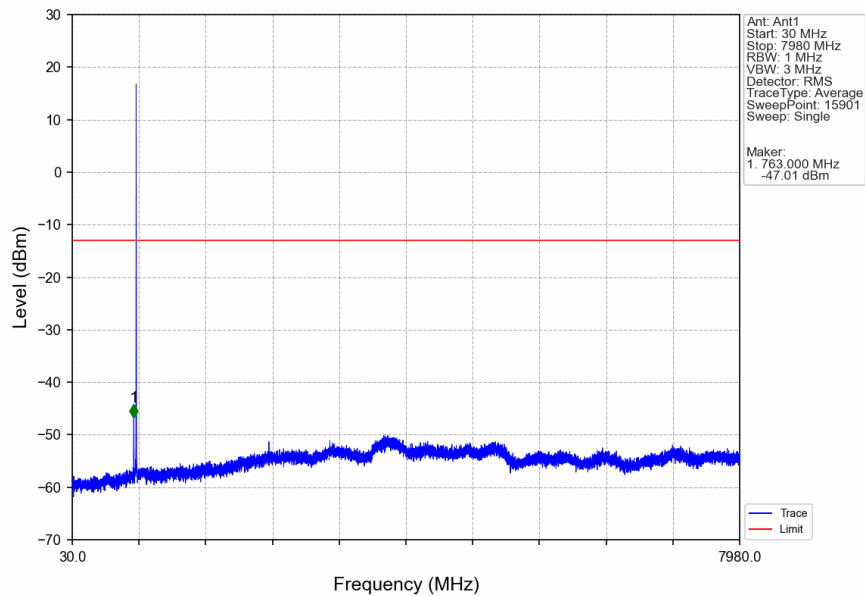


Band14_5MHz_QPSK_LCH_790.5MHz_RB_25_0_NTNV

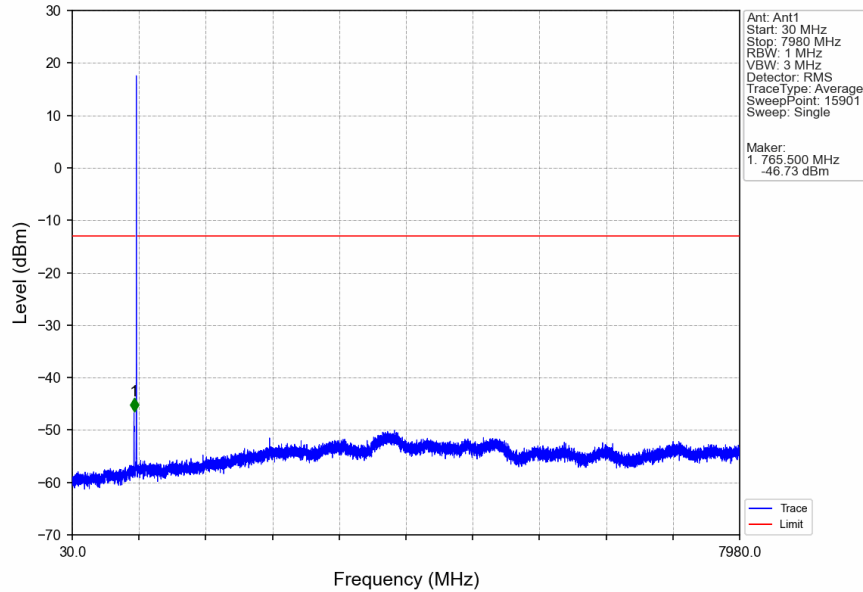


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	769	0.1	CHP	1	767.501	-68.67	-13	Pass
769	775	0.00625	CHP	2	772.532	-80.11	-35	Pass
775	787.9	0.1	CHP	3	787.848	-34.24	-13	Pass
787.9	788	0.03	CHP	4	787.999	-34.93	-13	Pass
788	795.5	0.03	CHP	/	/	/	/	/

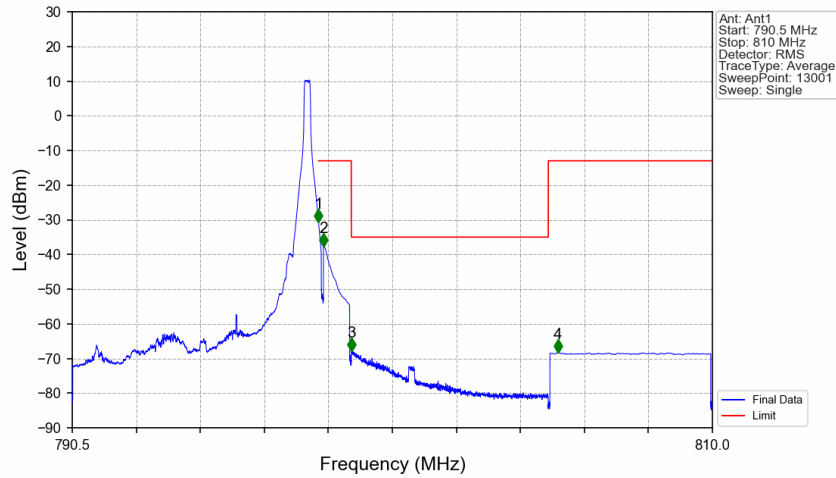
Band14_5MHz_QPSK_MCH_793MHz_RB_1_0_NTNV



Band14_5MHz_QPSK_HCH_795.5MHz_RB_1_0_NTNV

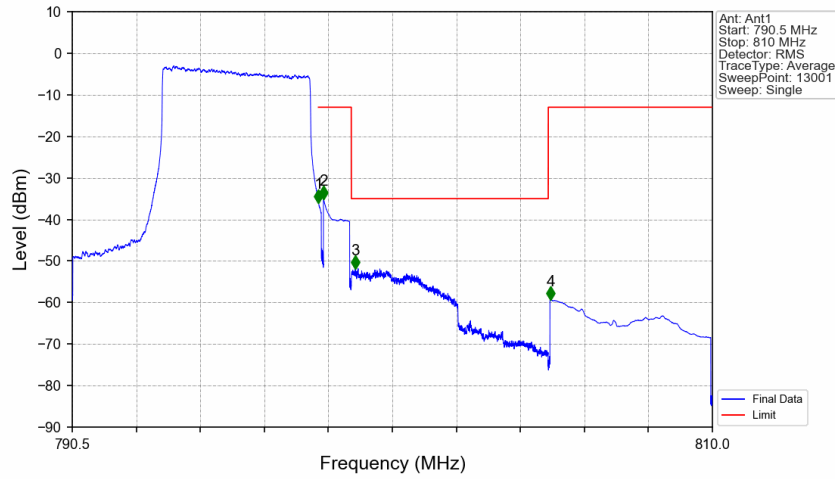


Band14_5MHz_QPSK_HCH_795.5MHz_RB_1_24_NTNV



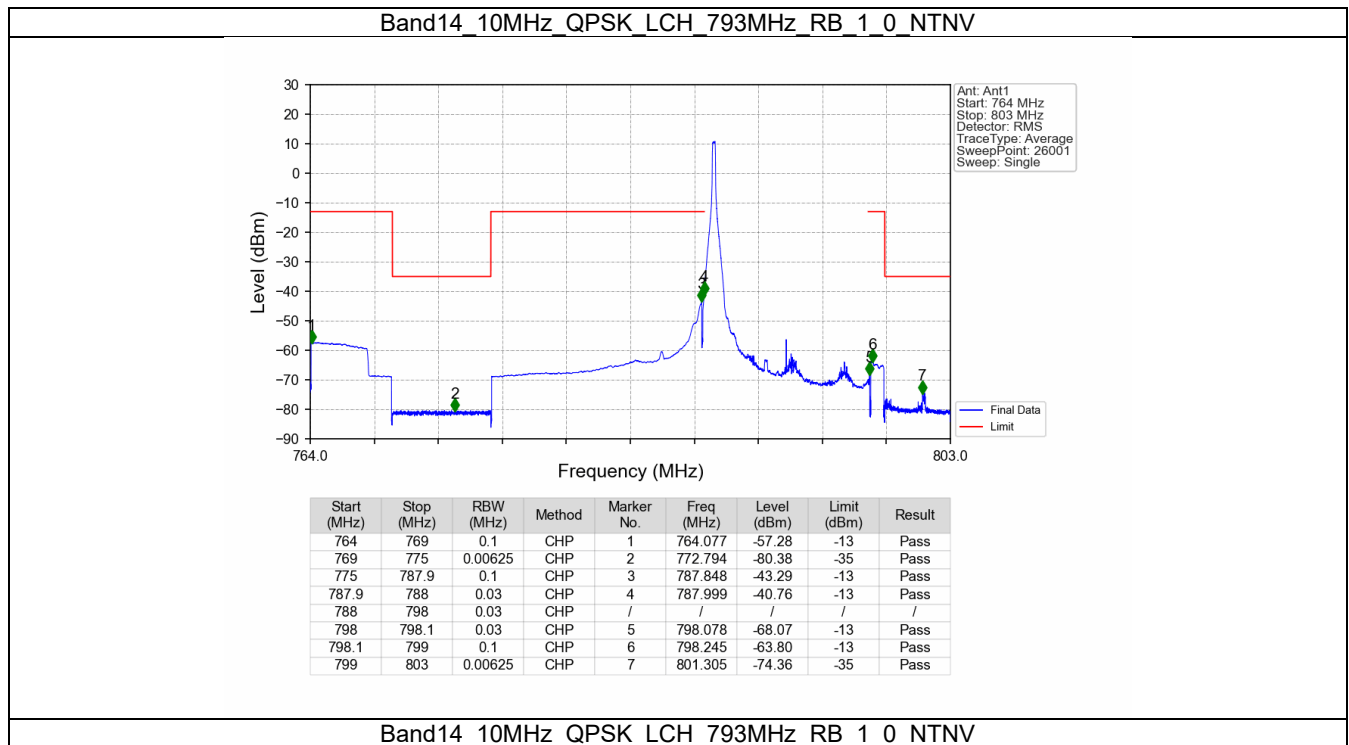
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
790.5	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	1	798.001	-30.79	-13	Pass
798.1	799	0.1	CHP	2	798.158	-37.65	-13	Pass
799	805	0.00625	CHP	3	799.004	-67.76	-35	Pass
805	810	0.1	CHP	4	805.292	-68.37	-13	Pass

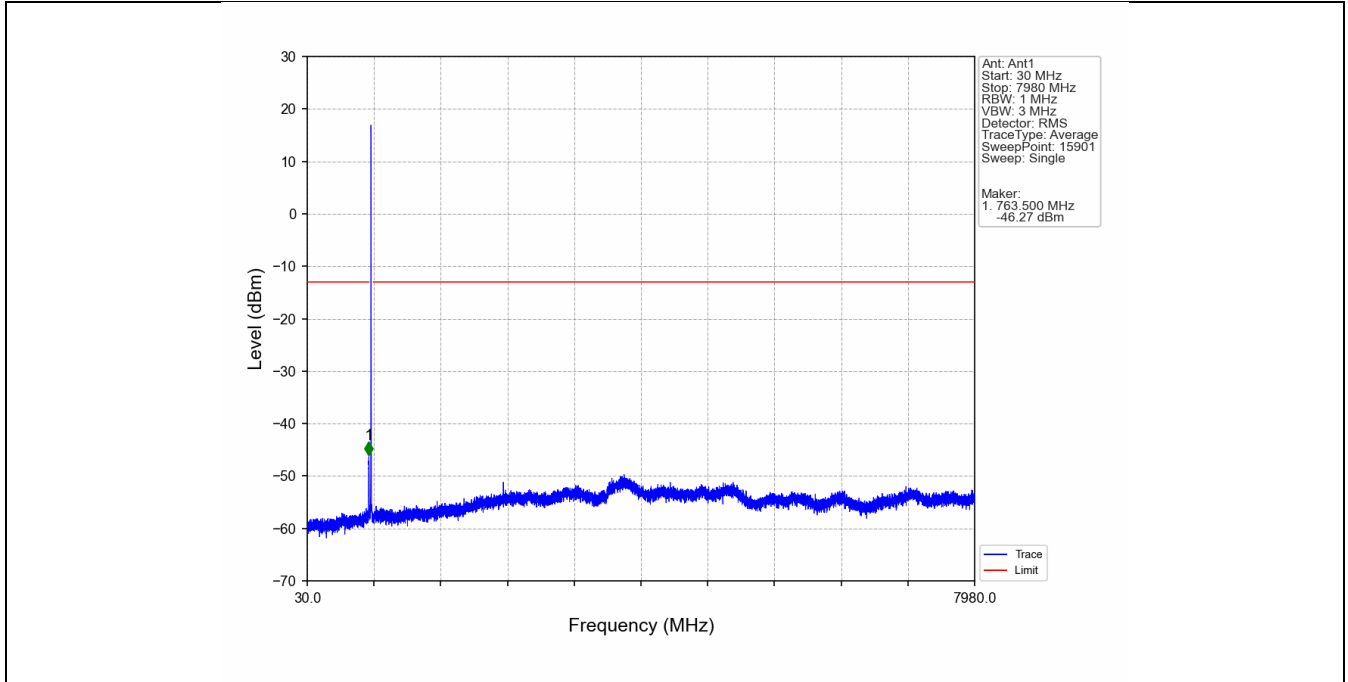
Band14_5MHz_QPSK_HCH_795.5MHz_RB_25_0_NTNV



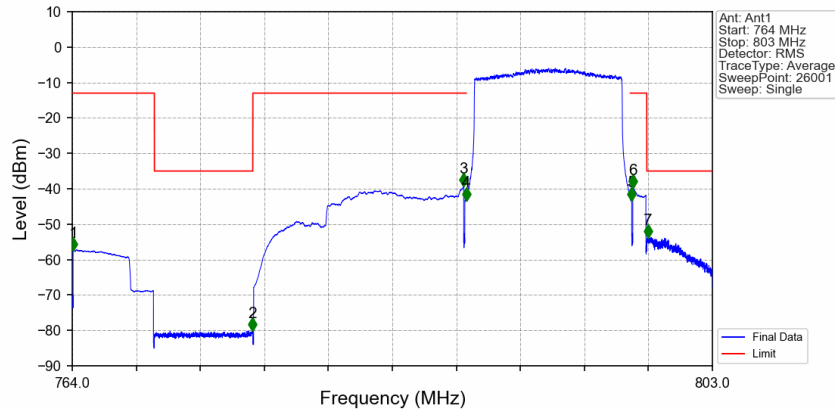
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
790.5	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	1	798.001	-35.94	-13	Pass
798.1	799	0.1	CHP	2	798.152	-35.10	-13	Pass
799	805	0.00625	CHP	3	799.119	-51.83	-35	Pass
805	810	0.1	CHP	4	805.071	-59.34	-13	Pass

5.2.2 B14_10MHz



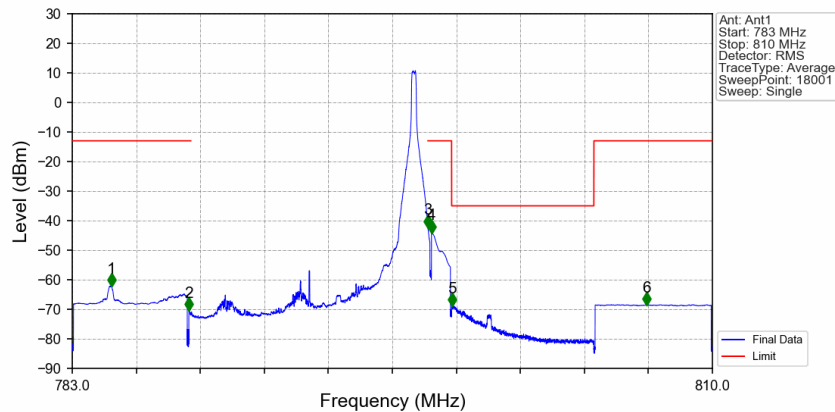


Band14_10MHz_QPSK_LCH_793MHz_RB_50_0_NTNV



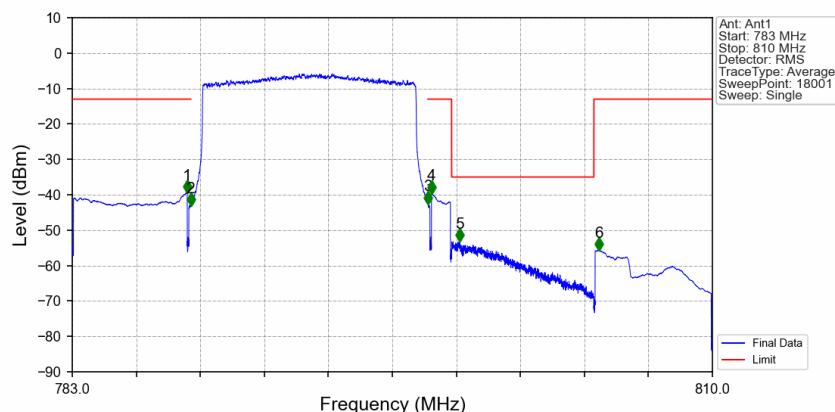
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	769	0.1	CHP	1	764.051	-57.20	-13	Pass
769	775	0.00625	CHP	2	774.976	-79.80	-35	Pass
775	787.9	0.1	CHP	3	787.848	-39.06	-13	Pass
787.9	788	0.03	CHP	4	787.999	-43.01	-13	Pass
788	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	5	798.050	-42.99	-13	Pass
798.1	799	0.1	CHP	6	798.152	-39.45	-13	Pass
799	803	0.00625	CHP	7	799.068	-53.60	-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	784.644	-61.99	-13	Pass
787.9	788	0.03	CHP	2	787.922	-70.11	-13	Pass
788	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	3	798.001	-42.04	-13	Pass
798.1	799	0.1	CHP	4	798.152	-43.88	-13	Pass
799	805	0.00625	CHP	5	799.020	-68.66	-35	Pass
805	810	0.1	CHP	6	807.226	-68.42	-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	787.848	-39.26	-13	Pass
787.9	788	0.03	CHP	2	787.996	-42.95	-13	Pass
788	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	3	798.001	-42.35	-13	Pass
798.1	799	0.1	CHP	4	798.152	-39.36	-13	Pass
799	805	0.00625	CHP	5	799.350	-52.95	-35	Pass
805	810	0.1	CHP	6	805.200	-55.56	-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	-67.22	-13	Pass
				778	785.5	-59.92	-18.9	Pass
				785.5	787.95	-28.67	-8.9	Pass
				787.95	793.05	16.10	16.1	Pass
				793.05	795.5	-52.84	-8.9	Pass
				795.5	803	-56.04	-18.9	Pass
				803	808	-67.64	-13	Pass
			13	773	778	-67.17	-13	Pass
				778	785.5	-63.63	-18.85	Pass
				785.5	787.95	-56.84	-8.85	Pass
				787.95	793.05	16.15	16.15	Pass
				793.05	795.5	-51.09	-8.85	Pass
				795.5	803	-63.22	-18.85	Pass
				803	808	-67.64	-13	Pass
			24	773	778	-67.48	-13	Pass
				778	785.5	-54.05	-19.33	Pass
				785.5	787.95	-64.92	-9.33	Pass
				787.95	793.05	15.67	15.67	Pass
				793.05	795.5	-26.83	-9.33	Pass
				795.5	803	-60.69	-19.33	Pass
				803	808	-67.71	-13	Pass
		12	0	773	778	-65.34	-13	Pass
				778	785.5	-40.54	-29.68	Pass
				785.5	787.95	-26.81	-19.68	Pass
				787.95	793.05	5.32	5.32	Pass
				793.05	795.5	-39.19	-19.68	Pass
				795.5	803	-47.13	-29.68	Pass
				803	808	-67.50	-13	Pass
			6	773	778	-66.41	-13	Pass
				778	785.5	-43.26	-29.77	Pass
				785.5	787.95	-36.01	-19.77	Pass
				787.95	793.05	5.23	5.23	Pass
				793.05	795.5	-33.84	-19.77	Pass
				795.5	803	-44.40	-29.77	Pass
				803	808	-67.66	-13	Pass
			13	773	778	-67.16	-13	Pass
				778	785.5	-49.16	-29.76	Pass
				785.5	787.95	-43.82	-19.76	Pass
				787.95	793.05	5.24	5.24	Pass
				793.05	795.5	-25.69	-19.76	Pass

	793	25	0	795.5	803	-42.82	-29.76	Pass
				803	808	-67.65	-13	Pass
				773	778	-51.38	-13	Pass
				778	785.5	-36.81	-31.97	Pass
				785.5	787.95	-31.93	-21.97	Pass
				787.95	793.05	3.03	3.03	Pass
				793.05	795.5	-28.25	-21.97	Pass
				795.5	803	-38.31	-31.97	Pass
				803	808	-59.20	-13	Pass
				775.5	780.5	-67.23	-13	Pass
		1	0	780.5	788	-60.63	-18.93	Pass
				788	790.45	-26.72	-8.93	Pass
				790.45	795.55	16.07	16.07	Pass
				795.55	798	-55.51	-8.93	Pass
				798	805.5	-56.09	-18.93	Pass
			13	805.5	810.5	-67.82	-13	Pass
				775.5	780.5	-67.37	-13	Pass
				780.5	788	-65.98	-18.73	Pass
				788	790.45	-56.32	-8.73	Pass
				790.45	795.55	16.27	16.27	Pass
			24	795.55	798	-53.84	-8.73	Pass
				798	805.5	-64.80	-18.73	Pass
				805.5	810.5	-67.75	-13	Pass
				775.5	780.5	-67.31	-13	Pass
				780.5	788	-57.53	-19.19	Pass
			12	788	790.45	-58.96	-9.19	Pass
				790.45	795.55	15.81	15.81	Pass
				795.55	798	-28.22	-9.19	Pass
				798	805.5	-57.42	-19.19	Pass
				805.5	810.5	-67.75	-13	Pass
			0	775.5	780.5	-66.85	-13	Pass
				780.5	788	-44.05	-29.88	Pass
				788	790.45	-27.46	-19.88	Pass
				790.45	795.55	5.12	5.12	Pass
				795.55	798	-42.49	-19.88	Pass
			6	798	805.5	-50.33	-29.88	Pass
				805.5	810.5	-67.60	-13	Pass
				775.5	780.5	-67.07	-13	Pass
				780.5	788	-45.70	-29.92	Pass
				788	790.45	-38.48	-19.92	Pass
		25	0	790.45	795.55	5.08	5.08	Pass
				795.55	798	-39.15	-19.92	Pass
				798	805.5	-48.56	-29.92	Pass
				805.5	810.5	-67.81	-13	Pass
				775.5	780.5	-67.62	-13	Pass
				780.5	788	-51.94	-29.29	Pass
				788	790.45	-44.60	-19.29	Pass
				790.45	795.55	5.71	5.71	Pass
				795.55	798	-26.66	-19.29	Pass
				798	805.5	-45.38	-29.29	Pass
				805.5	810.5	-67.81	-13	Pass
				775.5	780.5	-53.51	-13	Pass
				780.5	788	-41.90	-32.7	Pass

				788	790.45	-31.02	-22.7	Pass
				790.45	795.55	2.30	2.3	Pass
				795.55	798	-30.40	-22.7	Pass
				798	805.5	-41.89	-32.7	Pass
				805.5	810.5	-64.92	-13	Pass
	795.5	1	0	778	783	-67.22	-13	Pass
				783	790.5	-62.56	-19.23	Pass
				790.5	792.95	-26.77	-9.23	Pass
				792.95	798.05	15.77	15.77	Pass
				798.05	800.5	-56.70	-9.23	Pass
			800.5	808	-61.28	-19.23	Pass	
			808	813	-67.66	-13	Pass	
			13	778	783	-67.14	-13	Pass
				783	790.5	-64.29	-19.33	Pass
				790.5	792.95	-53.81	-9.33	Pass
				792.95	798.05	15.67	15.67	Pass
				798.05	800.5	-52.73	-9.33	Pass
			800.5	808	-64.53	-19.33	Pass	
			808	813	-67.84	-13	Pass	
			24	778	783	-67.12	-13	Pass
		783		790.5	-57.75	-19.02	Pass	
		790.5		792.95	-50.65	-9.02	Pass	
		792.95		798.05	15.98	15.98	Pass	
		798.05		800.5	-28.18	-9.02	Pass	
		800.5	808	-60.44	-19.02	Pass		
		808	813	-67.76	-13	Pass		
		12	0	778	783	-66.43	-13	Pass
				783	790.5	-44.13	-29.94	Pass
				790.5	792.95	-28.46	-19.94	Pass
				792.95	798.05	5.06	5.06	Pass
				798.05	800.5	-44.24	-19.94	Pass
				800.5	808	-51.67	-29.94	Pass
			808	813	-67.59	-13	Pass	
			6	778	783	-66.85	-13	Pass
				783	790.5	-46.16	-29.13	Pass
				790.5	792.95	-37.30	-19.13	Pass
				792.95	798.05	5.87	5.87	Pass
				798.05	800.5	-39.56	-19.13	Pass
				800.5	808	-47.66	-29.13	Pass
			808	813	-67.95	-13	Pass	
			13	778	783	-66.94	-13	Pass
				783	790.5	-51.09	-30.04	Pass
				790.5	792.95	-41.95	-20.04	Pass
				792.95	798.05	4.96	4.96	Pass
		798.05		800.5	-29.52	-20.04	Pass	
		800.5		808	-43.50	-30.04	Pass	
		808	813	-67.75	-13	Pass		
		25	0	778	783	-50.24	-13	Pass
783	790.5			-42.40	-32.3	Pass		
790.5	792.95			-29.21	-22.3	Pass		
792.95	798.05			2.70	2.7	Pass		
798.05	800.5			-29.75	-22.3	Pass		
800.5	808			-41.43	-32.3	Pass		

				808	813	-63.35	-13	Pass
16QAM	790.5	1	0	773	778	-66.83	-13	Pass
				778	785.5	-58.90	-20.16	Pass
				785.5	787.95	-28.93	-10.16	Pass
				787.95	793.05	14.84	14.84	Pass
				793.05	795.5	-60.79	-10.16	Pass
				795.5	803	-54.99	-20.16	Pass
				803	808	-67.64	-13	Pass
			13	773	778	-67.52	-13	Pass
				778	785.5	-64.56	-19.65	Pass
				785.5	787.95	-55.03	-9.65	Pass
				787.95	793.05	15.35	15.35	Pass
				793.05	795.5	-50.80	-9.65	Pass
				795.5	803	-63.54	-19.65	Pass
				803	808	-67.73	-13	Pass
			24	773	778	-67.72	-13	Pass
				778	785.5	-54.04	-20.38	Pass
				785.5	787.95	-64.31	-10.38	Pass
				787.95	793.05	14.62	14.62	Pass
				793.05	795.5	-28.82	-10.38	Pass
				795.5	803	-59.47	-20.38	Pass
				803	808	-67.56	-13	Pass
		12	0	773	778	-65.41	-13	Pass
				778	785.5	-41.54	-30.4	Pass
				785.5	787.95	-26.43	-20.4	Pass
				787.95	793.05	4.60	4.6	Pass
				793.05	795.5	-39.57	-20.4	Pass
				795.5	803	-49.38	-30.4	Pass
				803	808	-67.61	-13	Pass
			6	773	778	-67.19	-13	Pass
				778	785.5	-46.40	-30.55	Pass
				785.5	787.95	-36.58	-20.55	Pass
				787.95	793.05	4.45	4.45	Pass
				793.05	795.5	-35.64	-20.55	Pass
				795.5	803	-45.98	-30.55	Pass
				803	808	-67.53	-13	Pass
			13	773	778	-67.60	-13	Pass
				778	785.5	-52.14	-30.14	Pass
				785.5	787.95	-43.89	-20.14	Pass
				787.95	793.05	4.86	4.86	Pass
				793.05	795.5	-26.98	-20.14	Pass
				795.5	803	-43.06	-30.14	Pass
				803	808	-67.65	-13	Pass
		25	0	773	778	-52.10	-13	Pass
				778	785.5	-38.21	-33.03	Pass
				785.5	787.95	-32.78	-23.03	Pass
				787.95	793.05	1.97	1.97	Pass
				793.05	795.5	-28.95	-23.03	Pass
				795.5	803	-39.94	-33.03	Pass
				803	808	-61.07	-13	Pass
	793	1	0	775.5	780.5	-66.90	-13	Pass
				780.5	788	-57.62	-19.81	Pass
				788	790.45	-31.18	-9.81	Pass

				790.45	795.55	15.19	15.19	Pass
				795.55	798	-60.25	-9.81	Pass
				798	805.5	-50.75	-19.81	Pass
				805.5	810.5	-67.91	-13	Pass
				775.5	780.5	-67.45	-13	Pass
			13	780.5	788	-66.21	-20.23	Pass
				788	790.45	-57.01	-10.23	Pass
				790.45	795.55	14.77	14.77	Pass
				795.55	798	-54.15	-10.23	Pass
				798	805.5	-64.30	-20.23	Pass
			24	805.5	810.5	-67.70	-13	Pass
				775.5	780.5	-67.63	-13	Pass
				780.5	788	-64.67	-20.26	Pass
				788	790.45	-50.78	-10.26	Pass
				790.45	795.55	14.74	14.74	Pass
			12	795.55	798	-29.83	-10.26	Pass
				798	805.5	-56.26	-20.26	Pass
				805.5	810.5	-67.42	-13	Pass
				775.5	780.5	-66.99	-13	Pass
				780.5	788	-44.62	-30.62	Pass
				788	790.45	-27.06	-20.62	Pass
				790.45	795.55	4.38	4.38	Pass
				795.55	798	-42.08	-20.62	Pass
				798	805.5	-52.79	-30.62	Pass
				805.5	810.5	-67.88	-13	Pass
				775.5	780.5	-67.54	-13	Pass
				780.5	788	-49.08	-30.9	Pass
				788	790.45	-38.71	-20.9	Pass
			6	790.45	795.55	4.10	4.1	Pass
				795.55	798	-39.62	-20.9	Pass
				798	805.5	-49.56	-30.9	Pass
				805.5	810.5	-67.71	-13	Pass
				775.5	780.5	-67.31	-13	Pass
			13	780.5	788	-54.66	-31.07	Pass
				788	790.45	-43.69	-21.07	Pass
				790.45	795.55	3.93	3.93	Pass
				795.55	798	-29.00	-21.07	Pass
				798	805.5	-45.16	-31.07	Pass
			25	805.5	810.5	-67.75	-13	Pass
				775.5	780.5	-54.39	-13	Pass
				780.5	788	-41.65	-33.99	Pass
				788	790.45	-33.89	-23.99	Pass
				790.45	795.55	1.01	1.01	Pass
		1	0	795.55	798	-31.49	-23.99	Pass
				798	805.5	-42.51	-33.99	Pass
				805.5	810.5	-65.57	-13	Pass
				778	783	-66.99	-13	Pass
				783	790.5	-63.23	-20.35	Pass
				790.5	792.95	-28.77	-10.35	Pass
				792.95	798.05	14.65	14.65	Pass
				798.05	800.5	-59.10	-10.35	Pass
				800.5	808	-66.57	-20.35	Pass
				808	813	-67.73	-13	Pass