Appendix B.10

LTE Band 14

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1. Effective (Isotropic) Radiated Power Output Data

1.1 B14_5MHz_ERPAnt0

1.1.1 Test Result

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	23.06	-0.24	20.67	<=34.77	Pass
			13	23.14	-0.24	20.75	<=34.77	Pass
			24	22.98	-0.24	20.59	<=34.77	Pass
		12	0	22.20	-0.24	19.81	<=34.77	Pass
			6	22.16	-0.24	19.77	<=34.77	Pass
			13	22.08	-0.24	19.69	<=34.77	Pass
		25	0	22.16	-0.24	19.77	<=34.77	Pass
	793	1	0	23.06	-0.24	20.67	<=34.77	Pass
			13	23.15	-0.24	20.76	<=34.77	Pass
			24	22.95	-0.24	20.56	<=34.77	Pass
		12	0	22.08	-0.24	19.69	<=34.77	Pass
			6	22.12	-0.24	19.73	<=34.77	Pass
			13	22.12	-0.24	19.73	<=34.77	Pass
		25	0	22.12	-0.24	19.73	<=34.77	Pass
	795.5	1	0	23.00	-0.24	20.61	<=34.77	Pass
			13	23.12	-0.24	20.73	<=34.77	Pass
			24	23.01	-0.24	20.62	<=34.77	Pass
		12	0	22.00	-0.24	19.61	<=34.77	Pass
			6	22.10	-0.24	19.71	<=34.77	Pass
			13	22.02	-0.24	19.63	<=34.77	Pass
		25	0	22.02	-0.24	19.63	<=34.77	Pass
16QAM	790.5	1	0	22.26	-0.24	19.87	<=34.77	Pass
			13	22.36	-0.24	19.97	<=34.77	Pass
			24	22.19	-0.24	19.80	<=34.77	Pass
		12	0	21.22	-0.24	18.83	<=34.77	Pass
			6	21.20	-0.24	18.81	<=34.77	Pass
			13	21.11	-0.24	18.72	<=34.77	Pass
		25	0	21.13	-0.24	18.74	<=34.77	Pass
	793	1	0	22.25	-0.24	19.86	<=34.77	Pass
			13	22.33	-0.24	19.94	<=34.77	Pass
			24	22.13	-0.24	19.74	<=34.77	Pass
		12	0	21.00	-0.24	18.61	<=34.77	Pass
			6	21.08	-0.24	18.69	<=34.77	Pass
			13	21.08	-0.24	18.69	<=34.77	Pass
		25	0	21.11	-0.24	18.72	<=34.77	Pass
	795.5	1	0	22.29	-0.24	19.90	<=34.77	Pass
			13	22.35	-0.24	19.96	<=34.77	Pass
			24	22.23	-0.24	19.84	<=34.77	Pass
		12	0	20.90	-0.24	18.51	<=34.77	Pass

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			6	21.01	-0.24	18.62	<=34.77	Pass
			13	20.95	-0.24	18.56	<=34.77	Pass
		25	0	21.03	-0.24	18.64	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.2 B14_10MHz_ERP

1.2.1 Test Result

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	23.14	-0.24	20.75	<=34.77	Pass
			25	23.19	-0.24	20.80	<=34.77	Pass
			49	23.02	-0.24	20.63	<=34.77	Pass
		25	0	22.19	-0.24	19.80	<=34.77	Pass
			13	22.15	-0.24	19.76	<=34.77	Pass
			25	22.18	-0.24	19.79	<=34.77	Pass
		50	0	22.22	-0.24	19.83	<=34.77	Pass
16QAM	793	1	0	22.31	-0.24	19.92	<=34.77	Pass
			25	22.43	-0.24	20.04	<=34.77	Pass
			49	22.20	-0.24	19.81	<=34.77	Pass
		25	0	21.23	-0.24	18.84	<=34.77	Pass
			13	21.20	-0.24	18.81	<=34.77	Pass
			25	21.22	-0.24	18.83	<=34.77	Pass
		50	0	21.18	-0.24	18.79	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

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2. Frequency Stability

2.2 B14_10MHz

2.2.1 Test Result

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	8	-4.190	-0.0053	/	Pass
					12	-2.123	-0.0027	/	Pass
					16	-0.914	-0.0012	/	Pass
				-30	12	-3.855	-0.0049	/	Pass
				-20	12	-3.501	-0.0044	/	Pass
				-10	12	-5.919	-0.0075	/	Pass
				0	12	-3.659	-0.0046	/	Pass
				10	12	-3.172	-0.0040	/	Pass
				30	12	0.118	0.0001	/	Pass
				40	12	-2.543	-0.0032	/	Pass
				50	12	-3.893	-0.0049	/	Pass
16QAM	793	50	0	20	8	-3.091	-0.0039	/	Pass
					12	-4.246	-0.0054	/	Pass
					16	-4.574	-0.0058	/	Pass
				-30	12	-3.875	-0.0049	/	Pass
				-20	12	-1.546	-0.0019	/	Pass
				-10	12	-1.804	-0.0023	/	Pass
				0	12	-3.133	-0.0040	/	Pass
				10	12	-0.862	-0.0011	/	Pass
				30	12	-2.652	-0.0033	/	Pass
				40	12	-0.927	-0.0012	/	Pass
				50	12	-3.154	-0.0040	/	Pass

3. 99% & 26dB Bandwidth

3.1 Band14_OBW

3.1.1 Test Result

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	4.562	/	Pass
		793	25	0	4.563	/	Pass
		795.5	25	0	4.564	/	Pass
	16QAM	790.5	25	0	4.586	/	Pass
		793	25	0	4.594	/	Pass

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		795.5	25	0	4.557	/	Pass
10	QPSK	793	50	0	9.120	/	Pass
	16QAM	793	50	0	9.073	/	Pass

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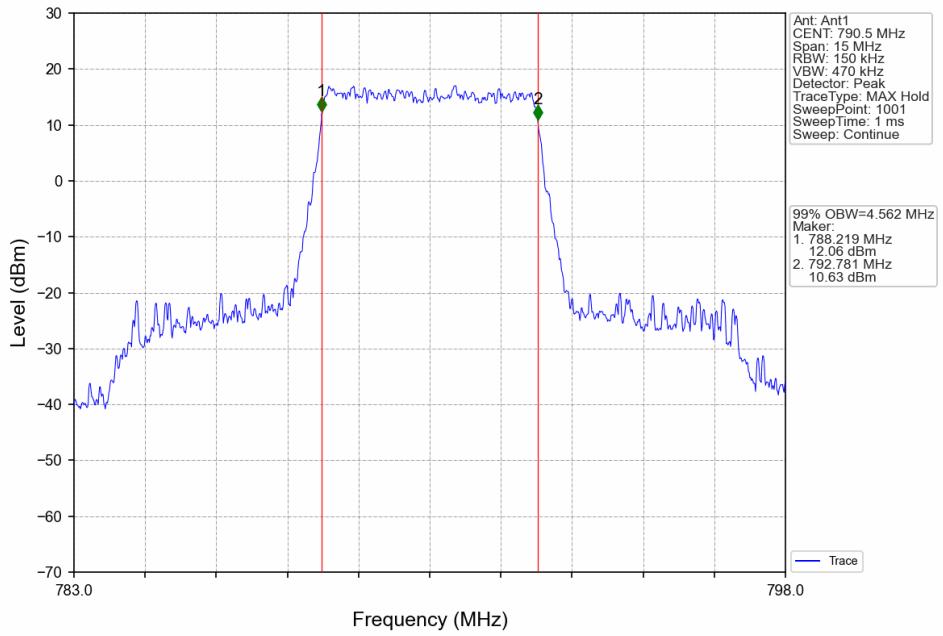
3.1.2 Test Graph

Band14_5MHz_QPSK_LCH_790.5MHz_RB_25_0_NTNV



Band14_5MHz_QPSK_MCH_793MHz_RB_25_0_NTNV

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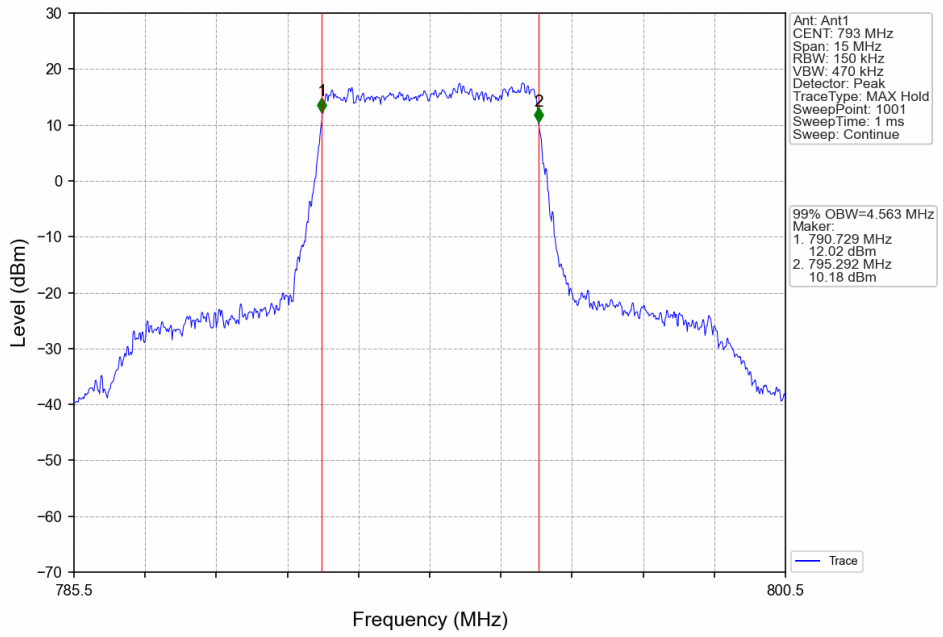

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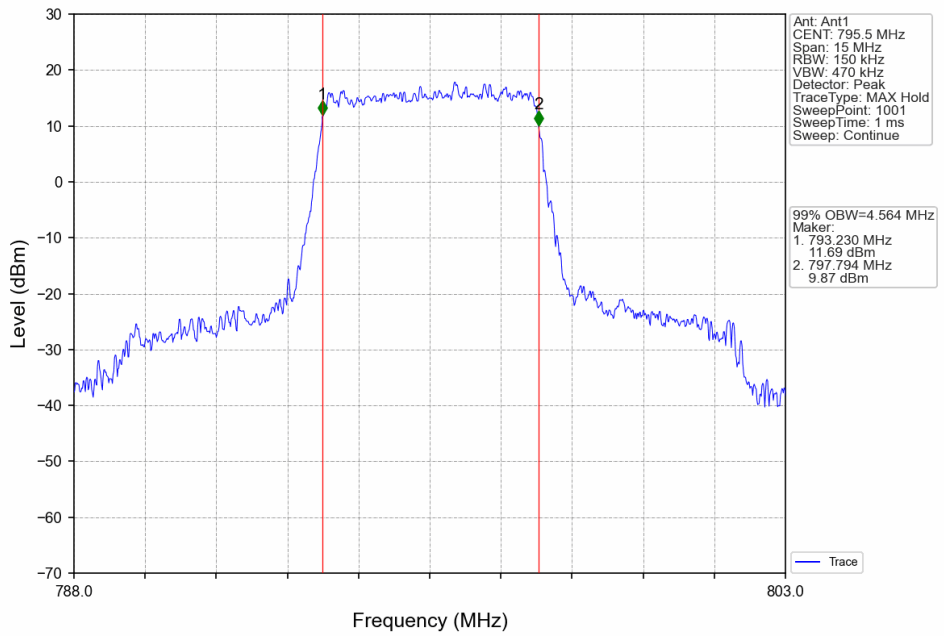
Band14_5MHz_QPSK_HCH_795.5MHz_RB_25_0_NTNV



Band14_5MHz_16QAM_LCH_790.5MHz_RB_25_0_NTNV

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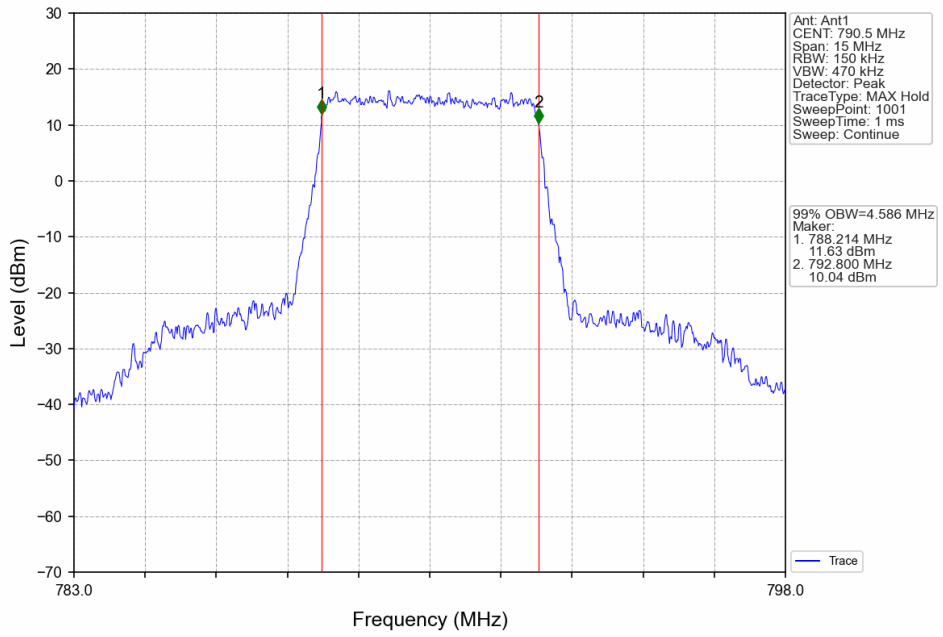

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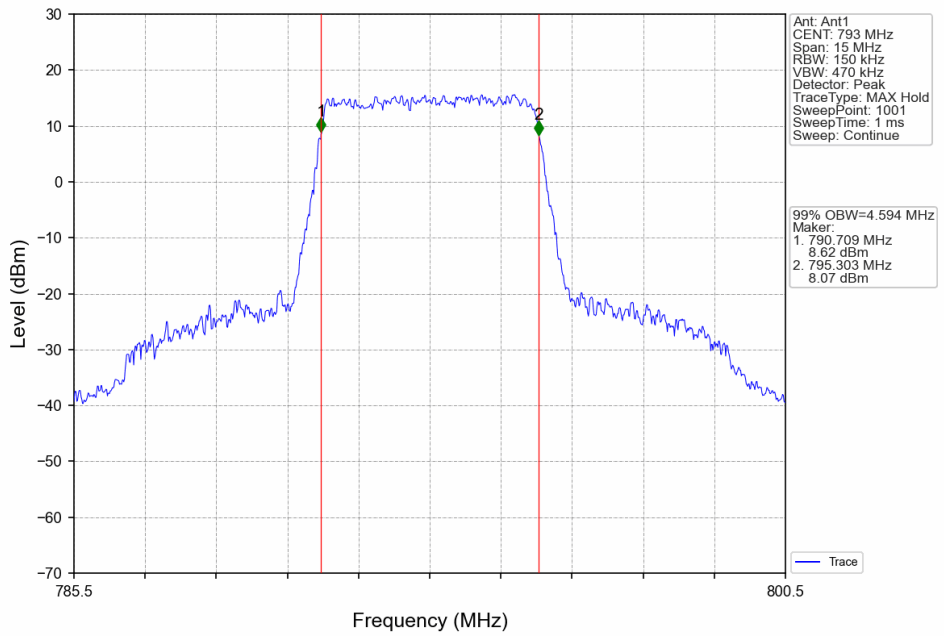

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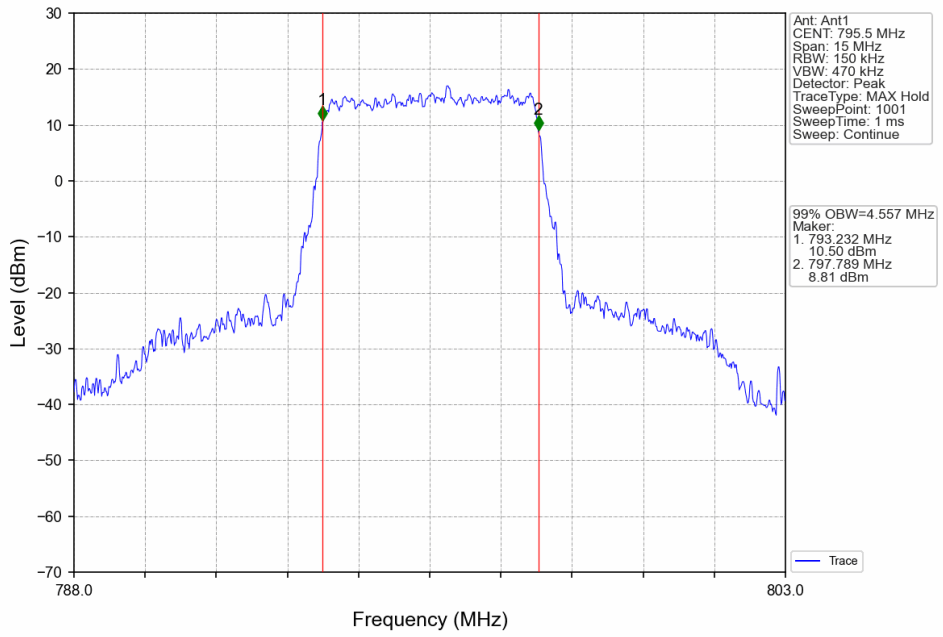

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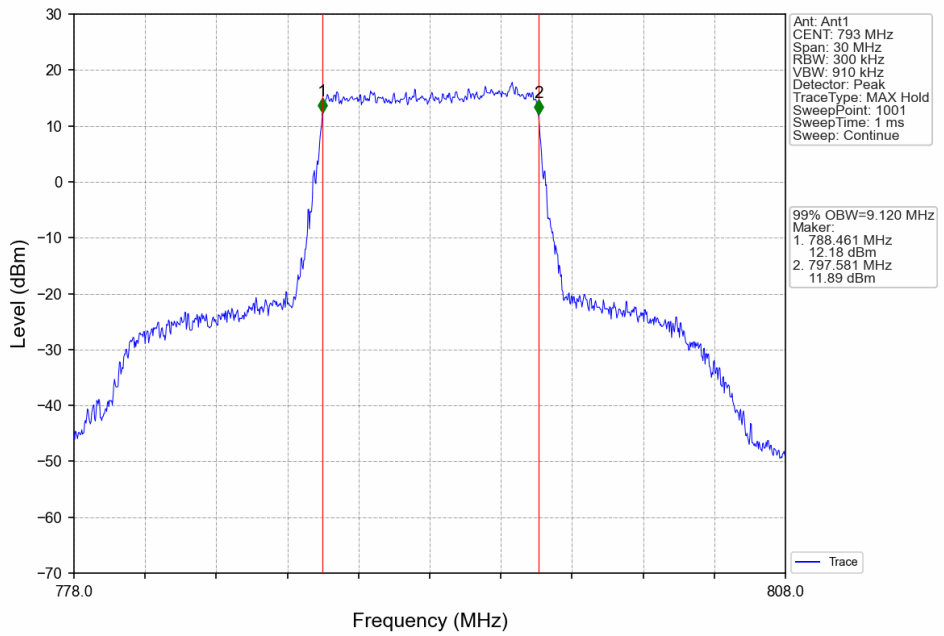
Band14_10MHz_QPSK_MCH_793MHz_RB_50_0_NTNV



Band14_10MHz_16QAM_MCH_793MHz_RB_50_0_NTNV

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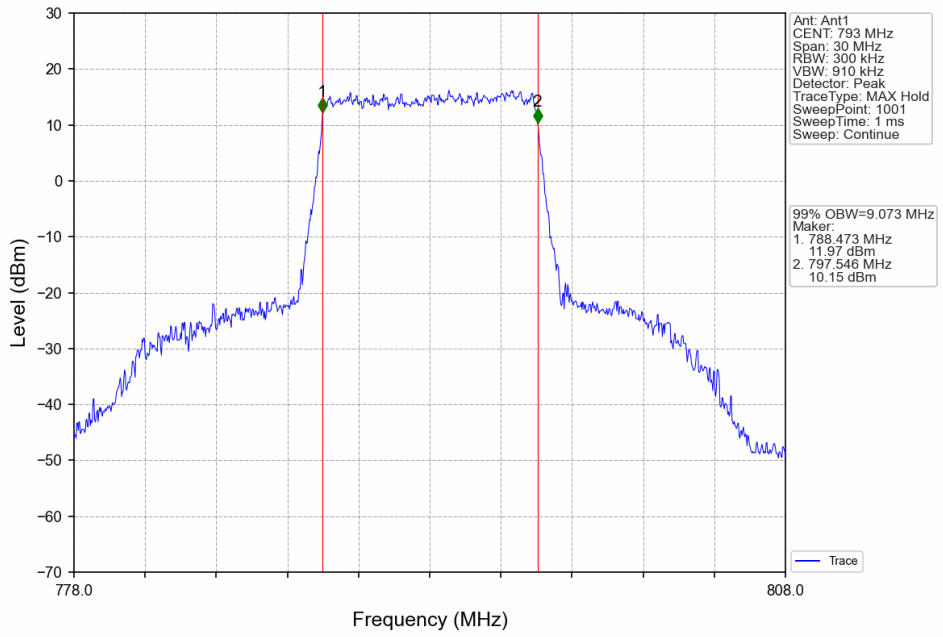

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3.2 Band14_XDB

3.2.1 Test Result

Band: 14 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	790.5	25	0	5.248	/	Pass
		793	25	0	5.224	/	Pass
		795.5	25	0	5.226	/	Pass
	16QAM	790.5	25	0	5.283	/	Pass
		793	25	0	5.329	/	Pass
		795.5	25	0	5.235	/	Pass
10	QPSK	793	50	0	10.268	/	Pass
	16QAM	793	50	0	10.203	/	Pass

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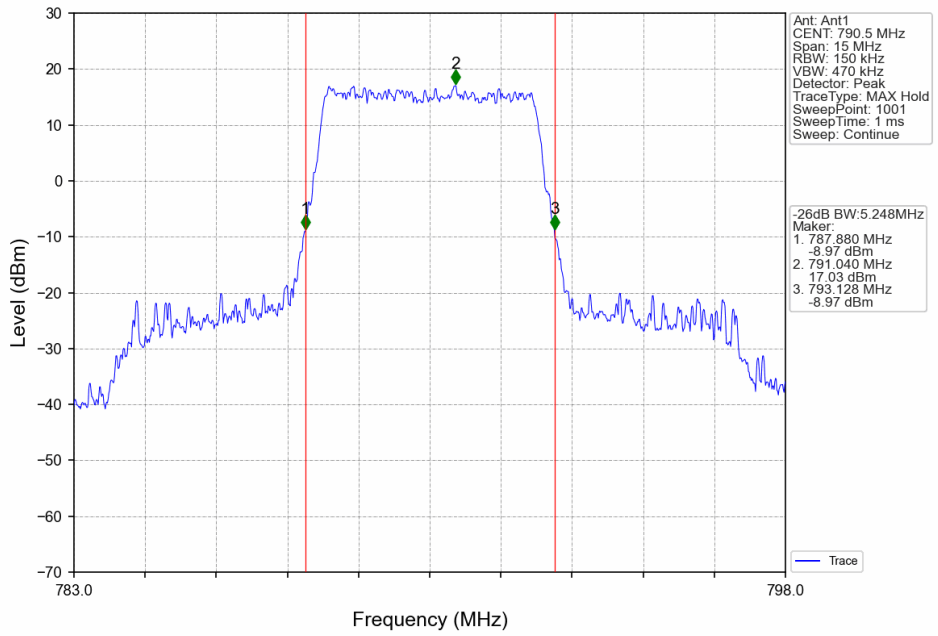
3.2.2 Test Graph

Band14_5MHz_QPSK_LCH_790.5MHz_RB_25_0_NTNV



Band14_5MHz_QPSK_MCH_793MHz_RB_25_0_NTNV

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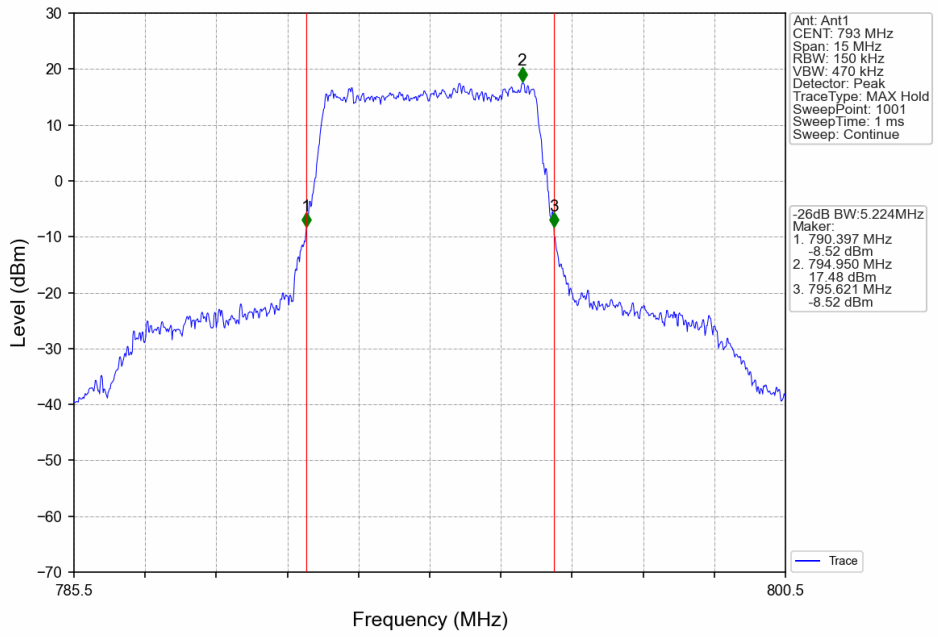

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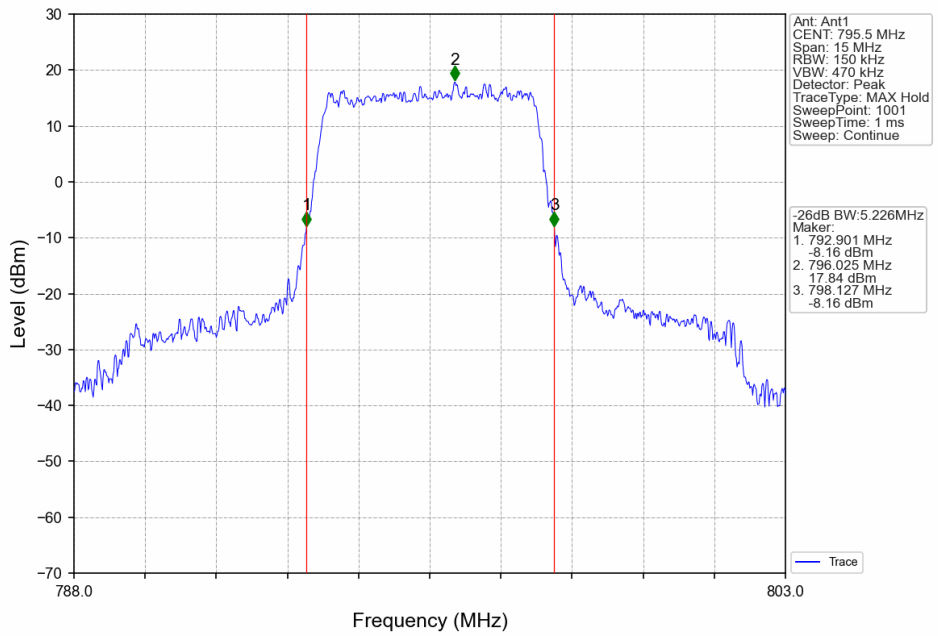

Band14_5MHz_16QAM_LCH_790.5MHz_RB_25_0_NTNV

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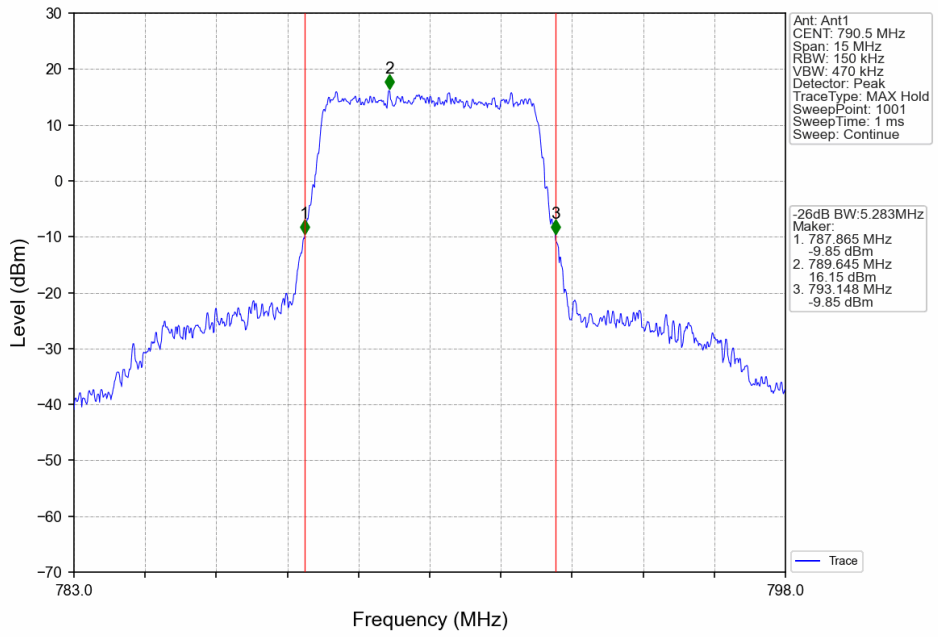

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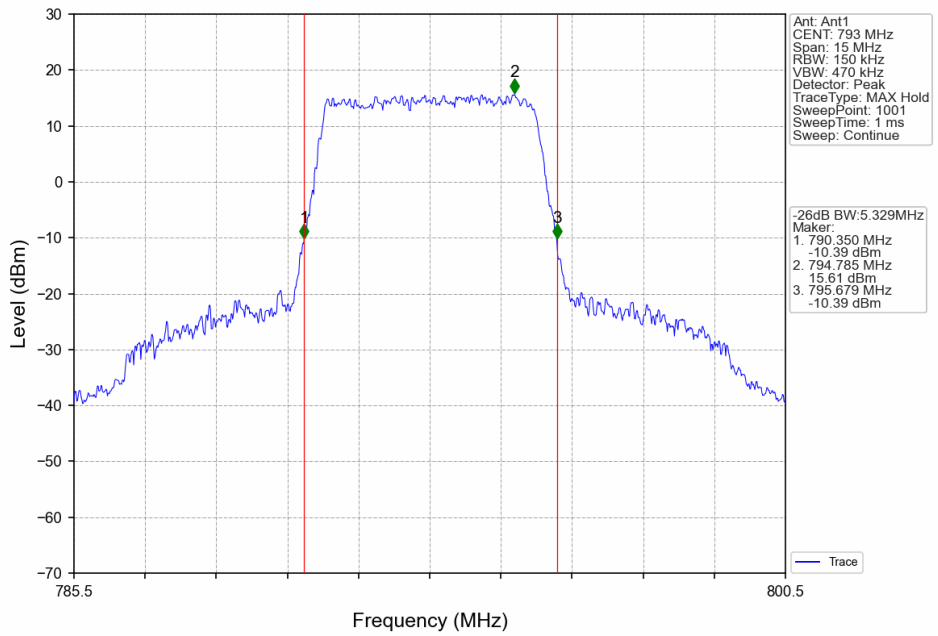

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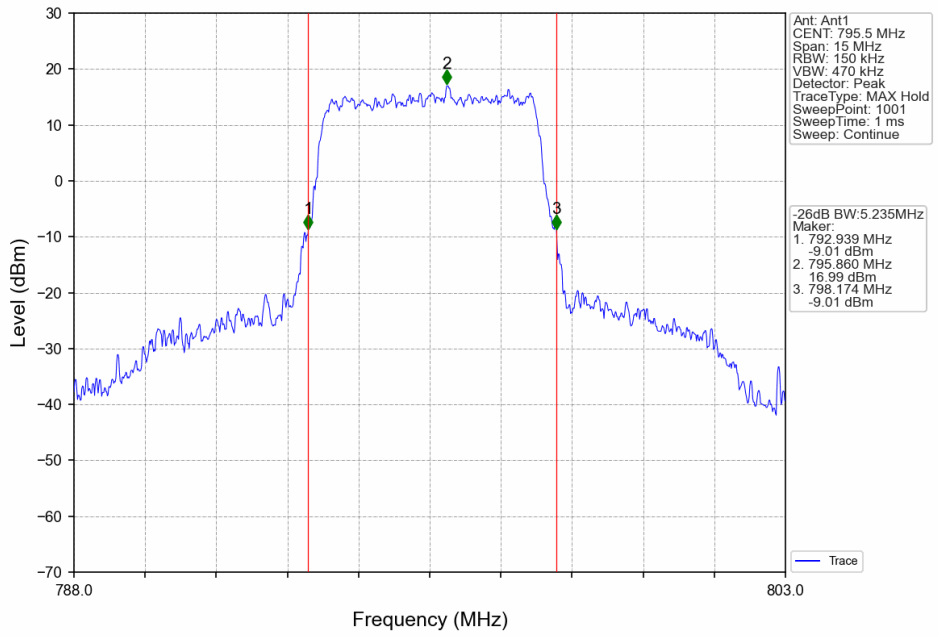

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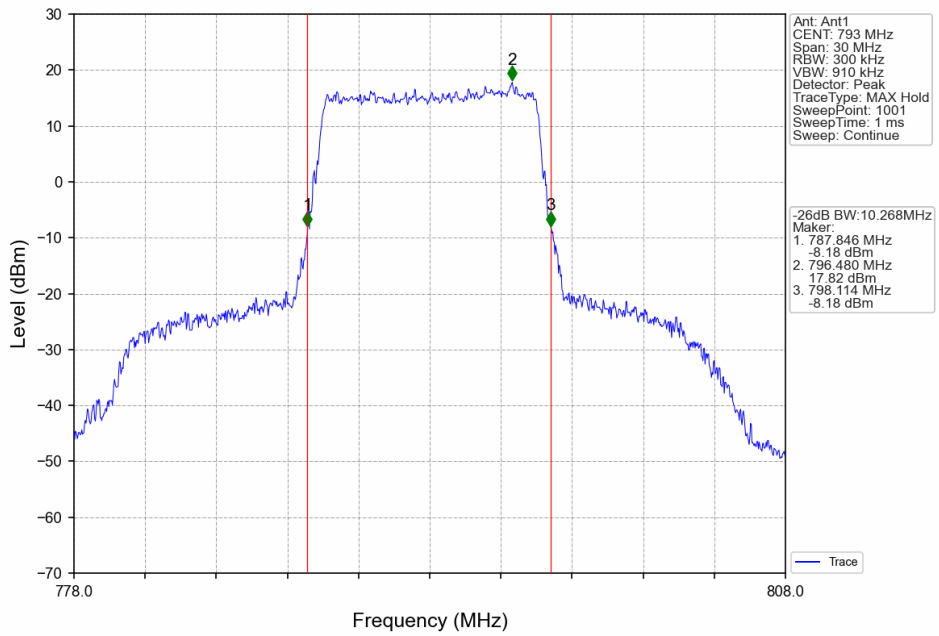

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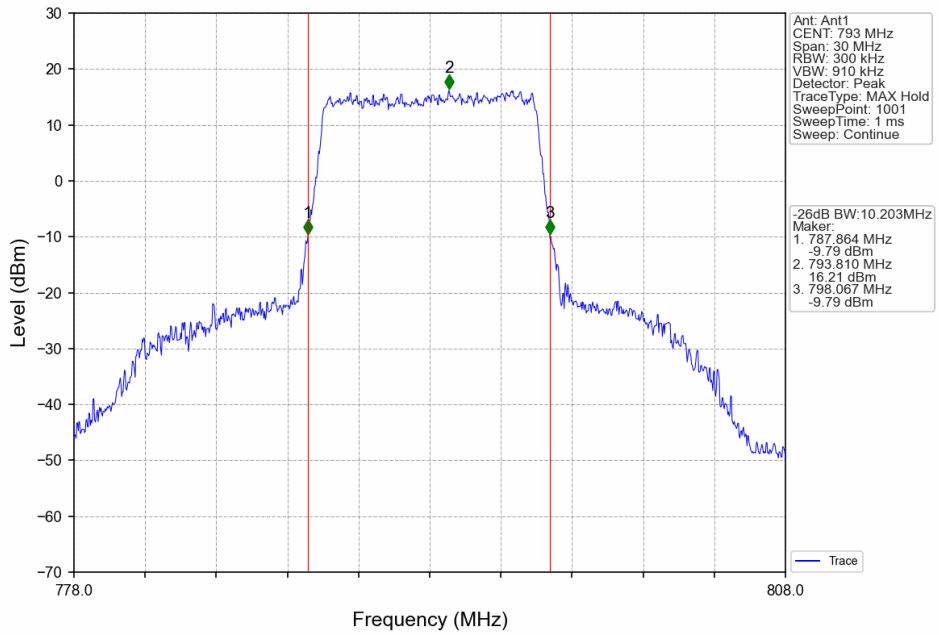

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4. Peak-Average Ratio

4.1 B14_5MHz

4.1.1 Test Result

Band: 14 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	790.5	25	0	5.49	<=13	Pass
	793	25	0	5.38	<=13	Pass
	795.5	25	0	5.32	<=13	Pass
16QAM	790.5	25	0	6.14	<=13	Pass
	793	25	0	6.06	<=13	Pass
	795.5	25	0	5.96	<=13	Pass

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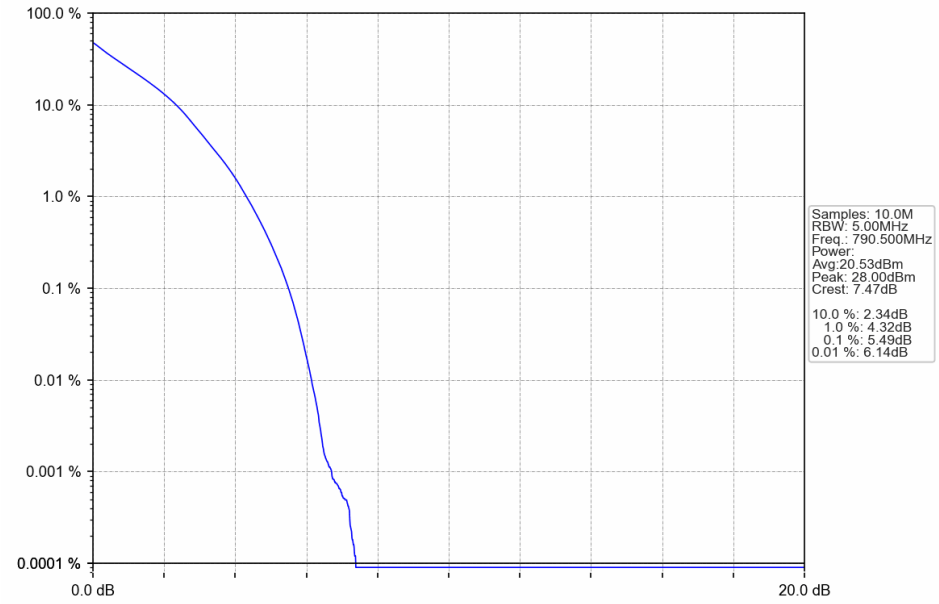
4.1.2 Test Graph

Band14_5MHz_QPSK_LCH_790.5MHz_RB_25_0_NTNV



Band14_5MHz_QPSK_MCH_793MHz_RB_25_0_NTNV

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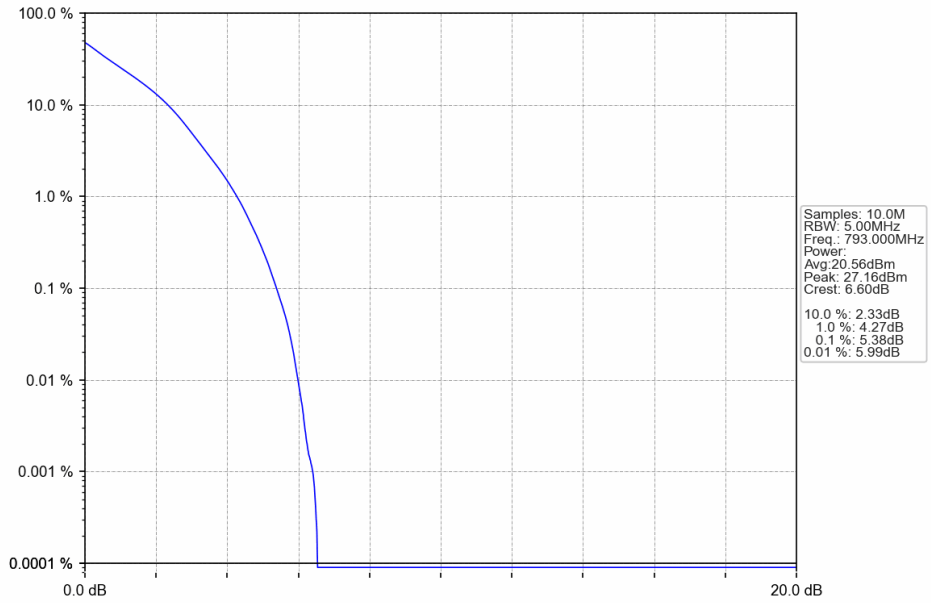

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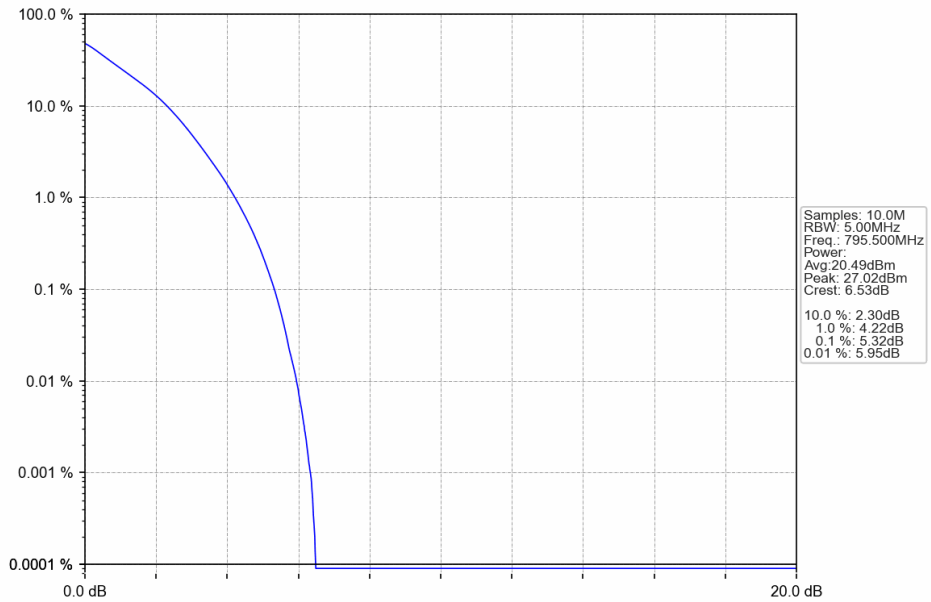
Band14_5MHz_QPSK_HCH_795.5MHz_RB_25_0_NTNV



Band14_5MHz_16QAM_LCH_790.5MHz_RB_25_0_NTNV

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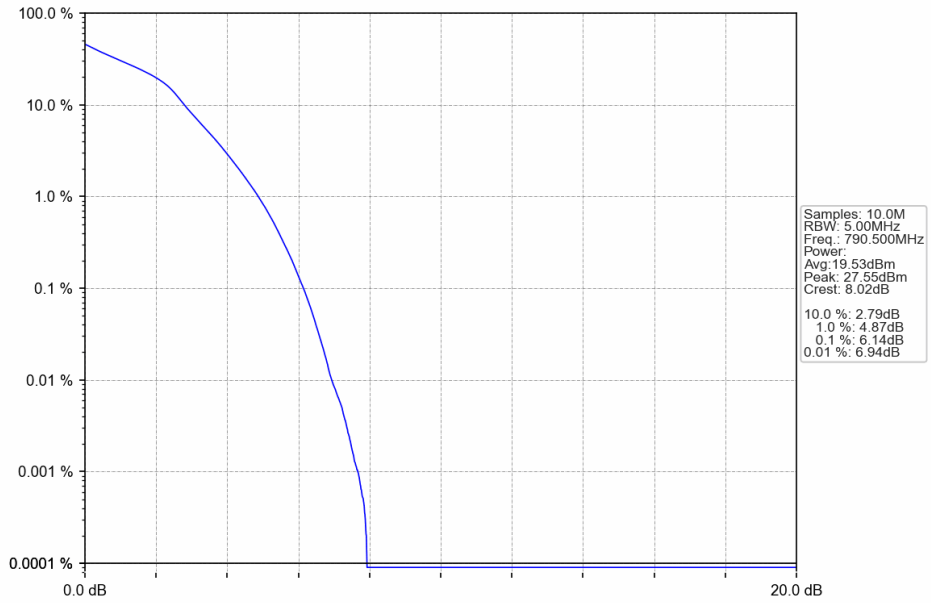

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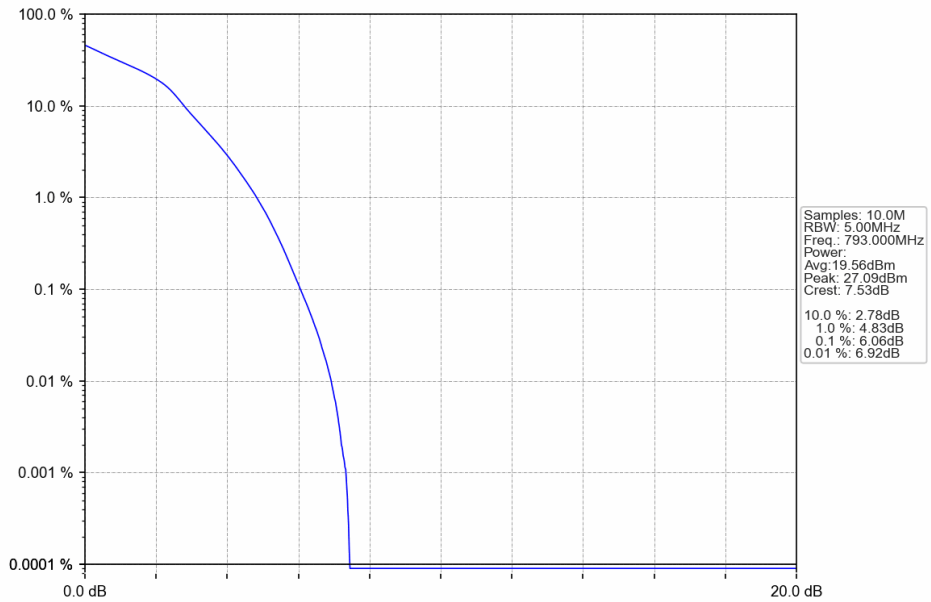
Band14_5MHz_16QAM_MCH_793MHz_RB_25_0_NTNV



Band14_5MHz_16QAM_HCH_795.5MHz_RB_25_0_NTNV

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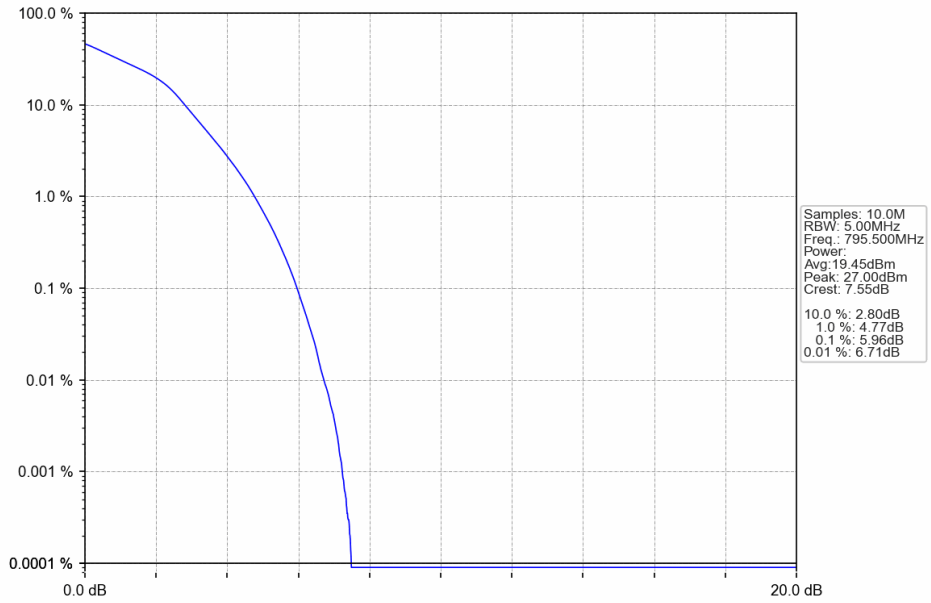

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4.2 B14_10MHz

4.2.1 Test Result

Band: 14 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	793	50	0	5.46	<=13	Pass
16QAM	793	50	0	6.14	<=13	Pass

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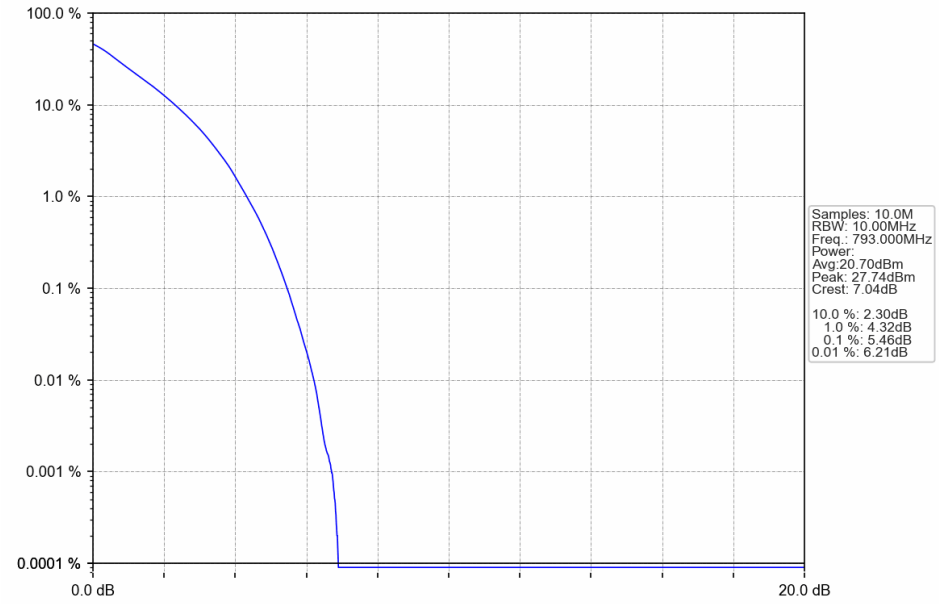
4.2.2 Test Graph

Band14_10MHz_QPSK_MCH_793MHz_RB_50_0_NTNV



Band14_10MHz_16QAM_MCH_793MHz_RB_50_0_NTNV

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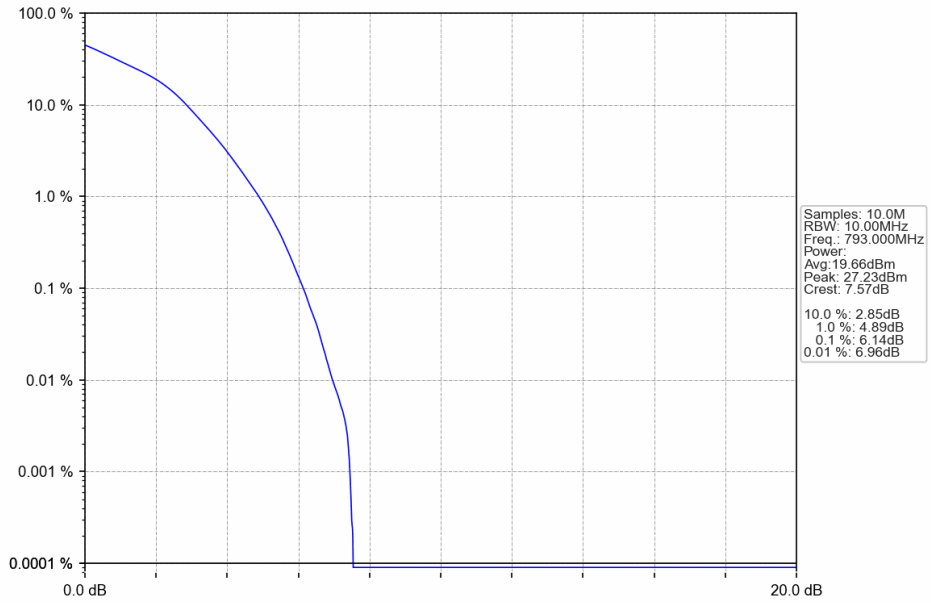

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5. Spurious Emission & Band Edges

5.1 B14_5MHz

5.1.1 Test Result

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

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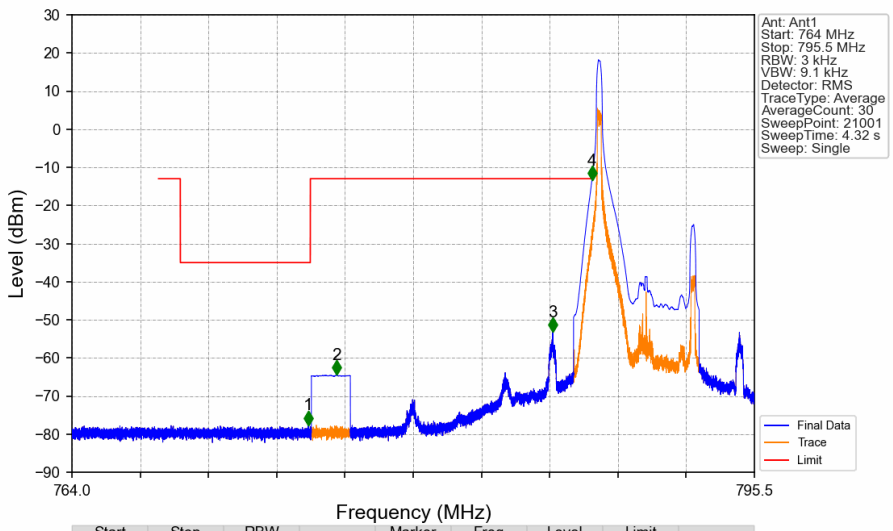
5.1.2 Test Graph

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	/	/	/	/	/	/
775	775	0.00625	/	1	774.899	-77.64	-35	Pass
775	776.9	0.1	CHP	2	776.202	-64.46	-13	Pass
776.9	787.1	0.03	/	3	786.191	-53.24	-13	Pass
787.1	793	0.1	CHP	4	788.000	-13.39	-13	Pass
793	793	0.1	CHP	/	/	/	/	/
793	795.5	0.00625	/	/	/	/	/	/

Band14_5MHz_QPSK_LCH_790.5MHz_RB_1_0_NTNV

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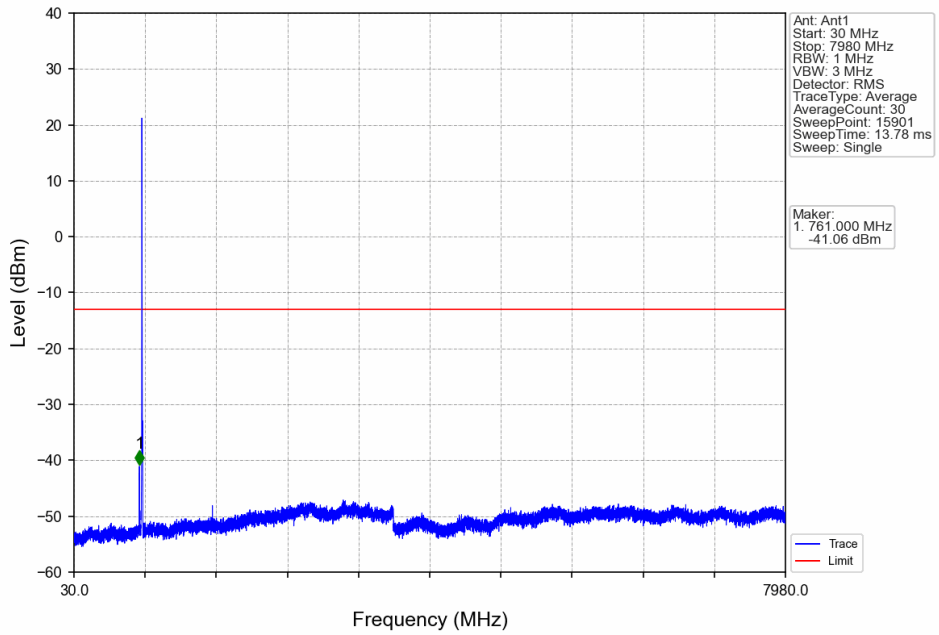

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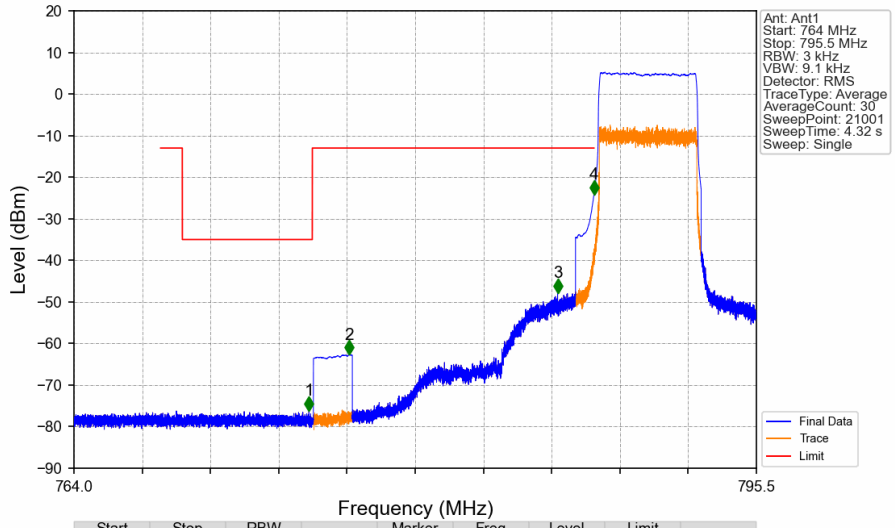
Band14_5MHz_QPSK_LCH_790.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	775	0.00625	/	/	/	/	/	/
775	775	0.00625	/	1	774.848	-76.13	-35	Pass
775	776.9	0.1	CHP	2	776.702	-62.68	-13	Pass
776.9	787.1	0.03	/	3	786.323	-47.82	-13	Pass
787.1	793	0.1	CHP	4	788.000	-24.16	-13	Pass
793	793	0.1	CHP	/	/	/	/	/
793	795.5	0.00625	/	/	/	/	/	/

Band14_5MHz_QPSK_MCH_793MHz_RB_1_0_NTNV

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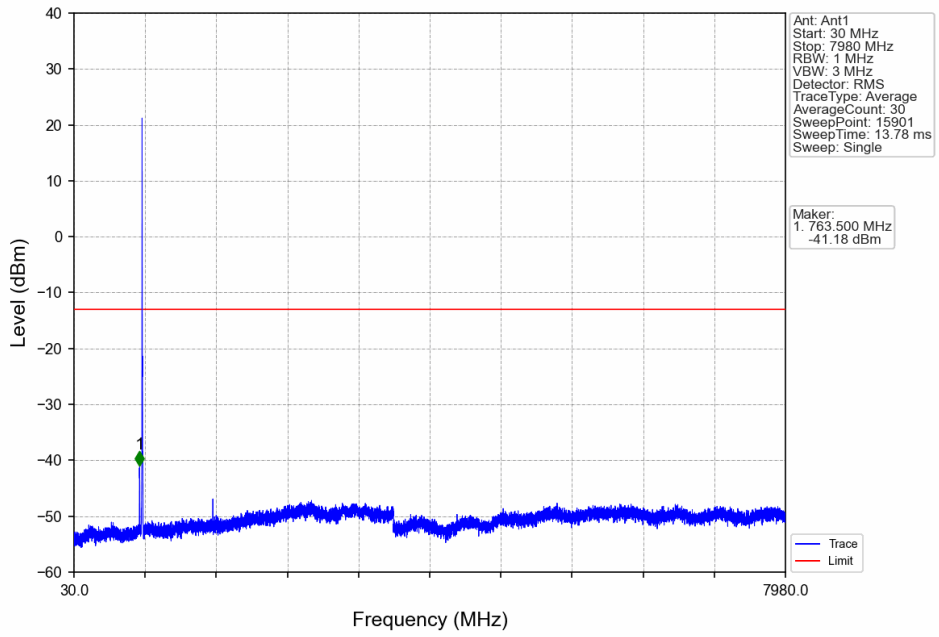

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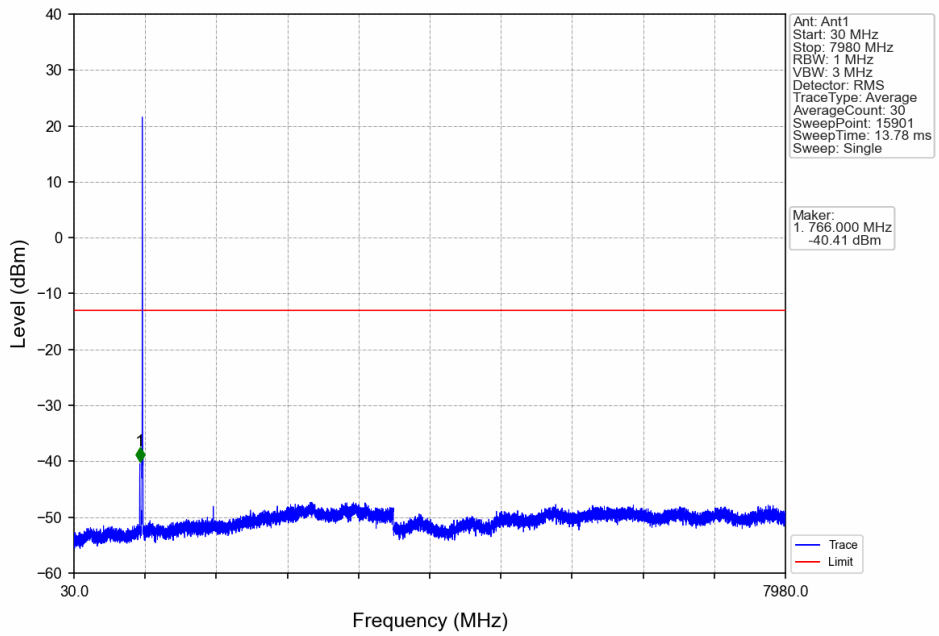

Band14_5MHz_QPSK_HCH_795.5MHz_RB_1_24_NTNV

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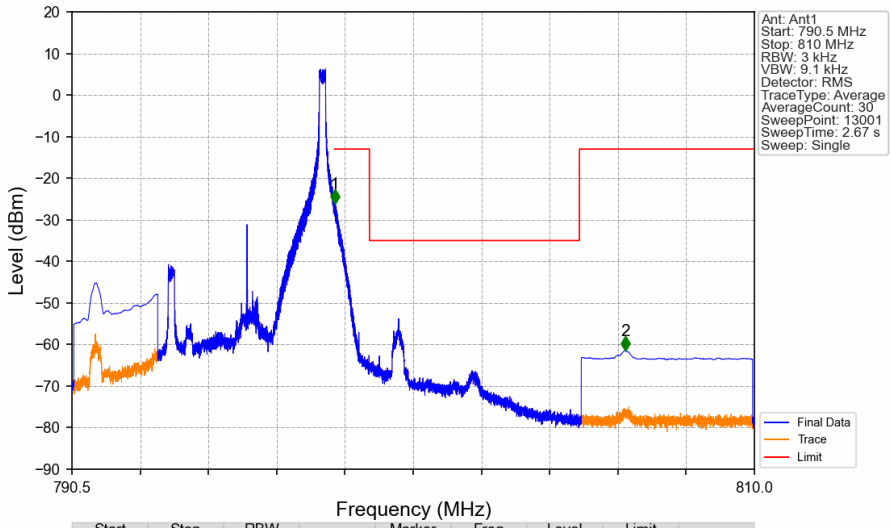

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
790.5	793	0.1	CHP	/	/	/	/	/
793	805	0.00625	/	/	/	/	/	/
805	805	0.00625	/	1	798.009	-26.13	-13	Pass
805	810	0.1	CHP	2	806.310	-61.53	-13	Pass

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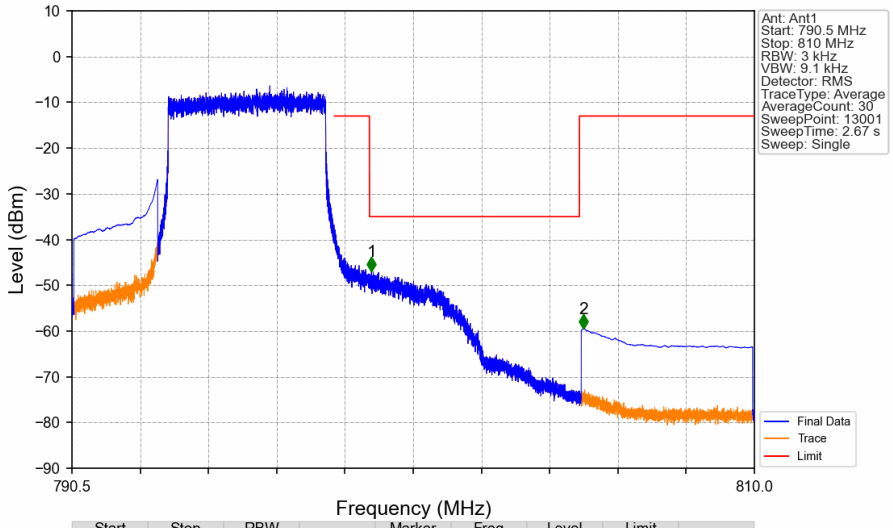

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
790.5	793	0.1	CHP	/	/	/	/	/
793	805	0.00625	/	/	/	/	/	/
805	805	0.00625	/	1	799.059	-46.99	-35	Pass
805	810	0.1	CHP	2	805.109	-59.49	-13	Pass

Band14_5MHz_16QAM_LCH_790.5MHz_RB_1_0_NTNV

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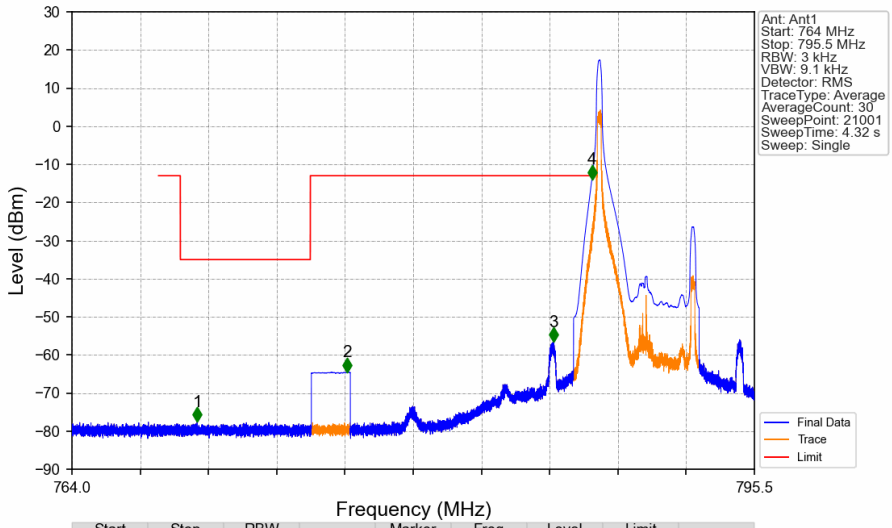

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	775	0.00625	/	/	/	/	/	/
775	775	0.00625	/	1	769.778	-77.49	-35	Pass
775	776.9	0.1	CHP	2	776.699	-64.51	-13	Pass
776.9	787.1	0.03	/	3	786.231	-56.57	-13	Pass
787.1	793	0.1	CHP	4	788.000	-13.94	-13	Pass
793	793	0.1	CHP	/	/	/	/	/
793	795.5	0.00625	/	/	/	/	/	/

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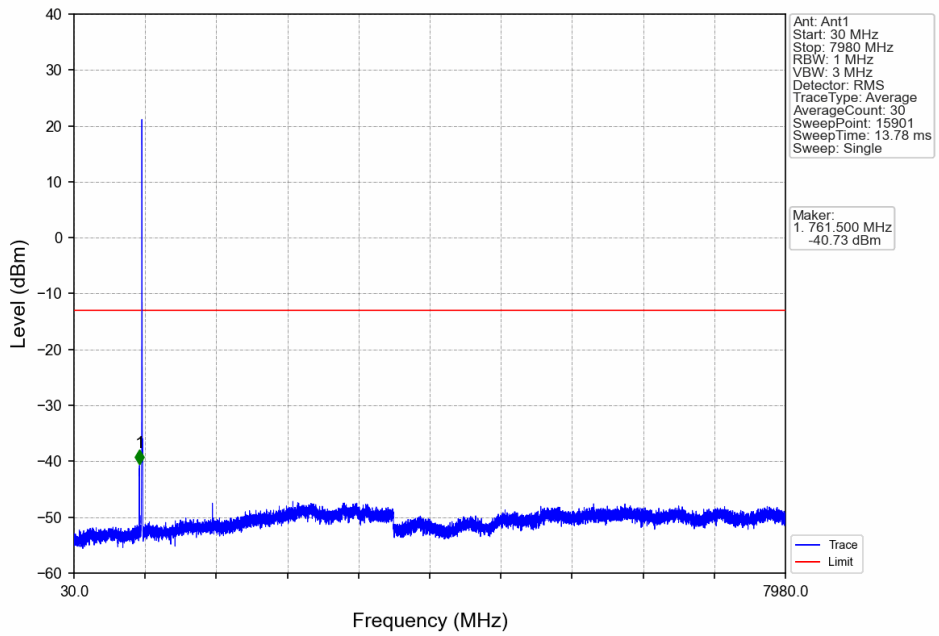

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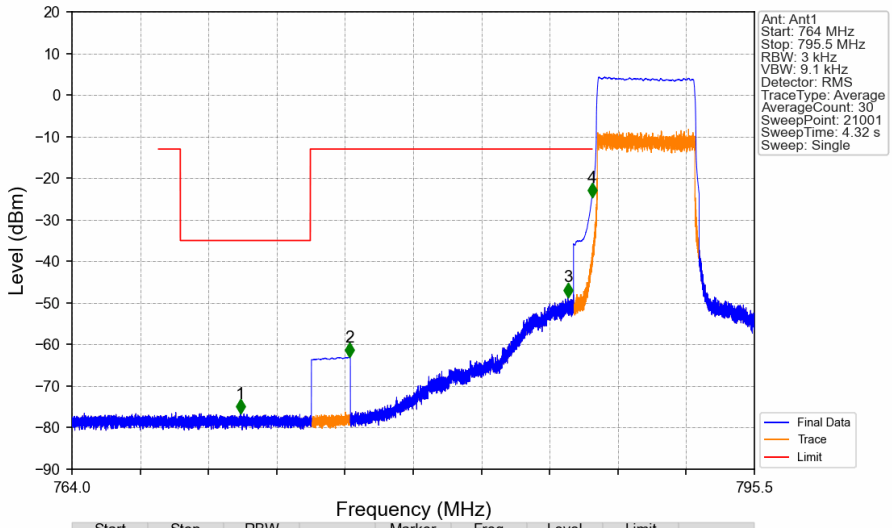

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	775	0.00625	/	/	/	/	/	/
775	775	0.00625	/	1	771.782	-76.60	-35	Pass
775	776.9	0.1	CHP	2	776.817	-63.11	-13	Pass
776.9	787.1	0.03	/	3	786.890	-48.59	-13	Pass
787.1	793	0.1	CHP	4	788.000	-24.66	-13	Pass
793	793	0.1	CHP	/	/	/	/	/
793	795.5	0.00625	/	/	/	/	/	/

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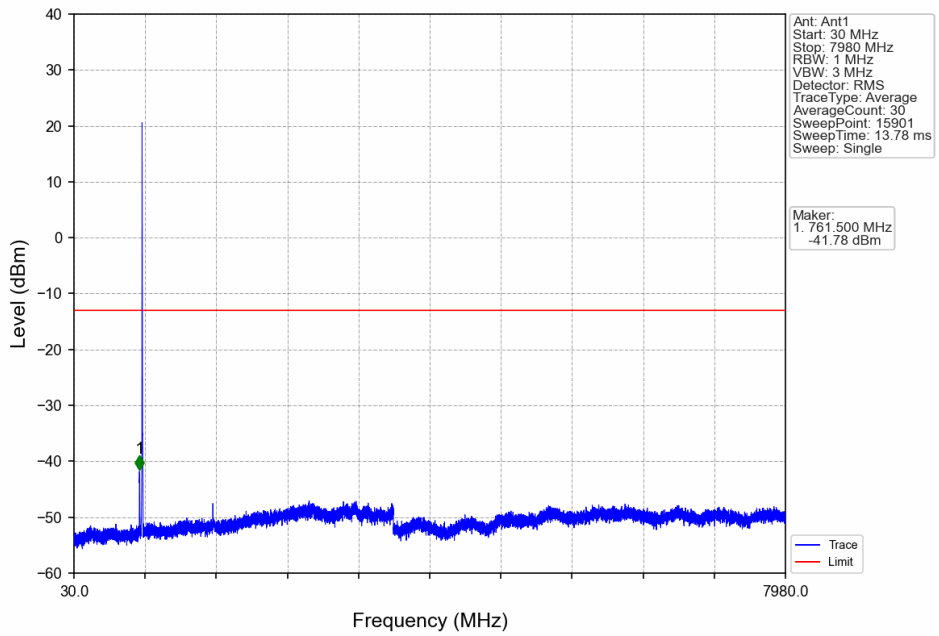

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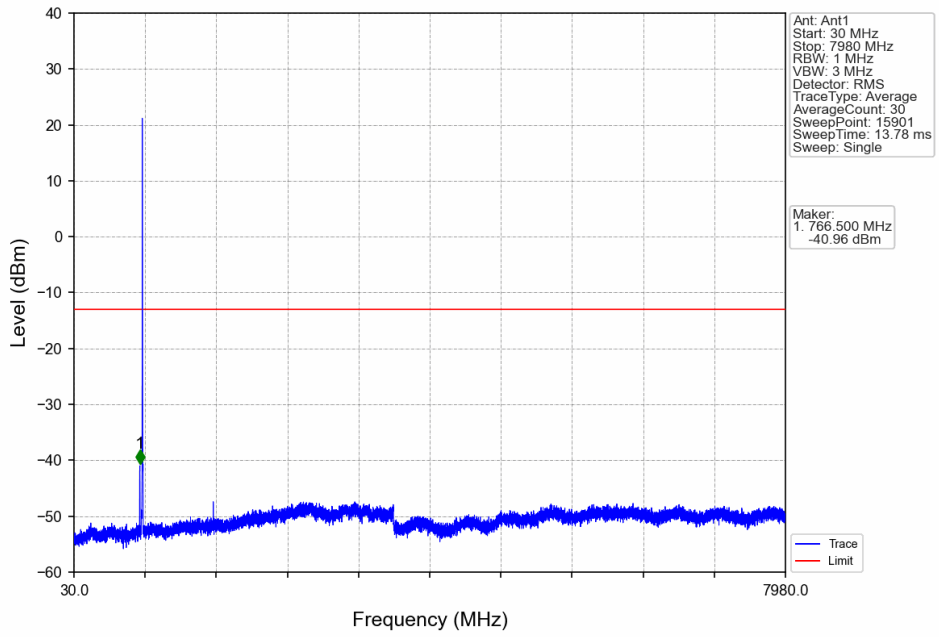

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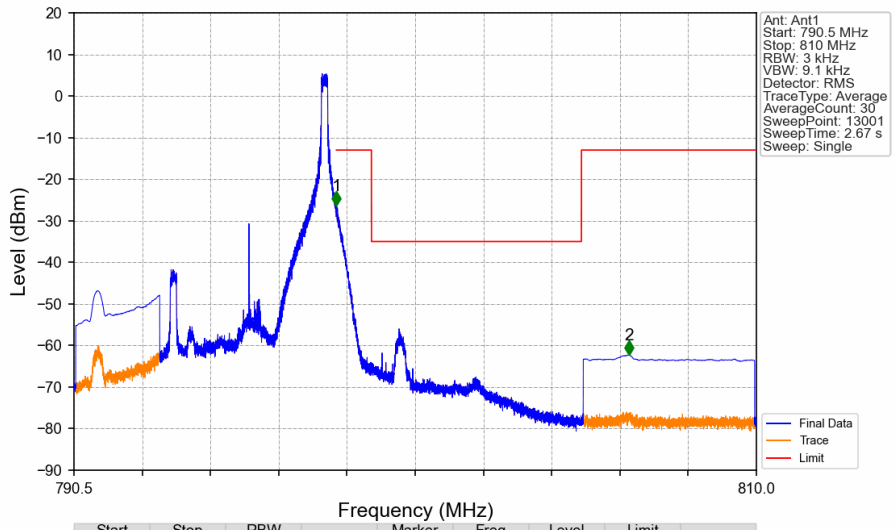
Band14_5MHz_16QAM_HCH_795.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
790.5	793	0.1	CHP	/	/	/	/	/
793	805	0.00625	/	/	/	/	/	/
805	805	0.00625	/	1	798.001	-26.32	-13	Pass
805	810	0.1	CHP	2	806.365	-62.28	-13	Pass

Band14_5MHz_16QAM_HCH_795.5MHz_RB_25_0_NTNV

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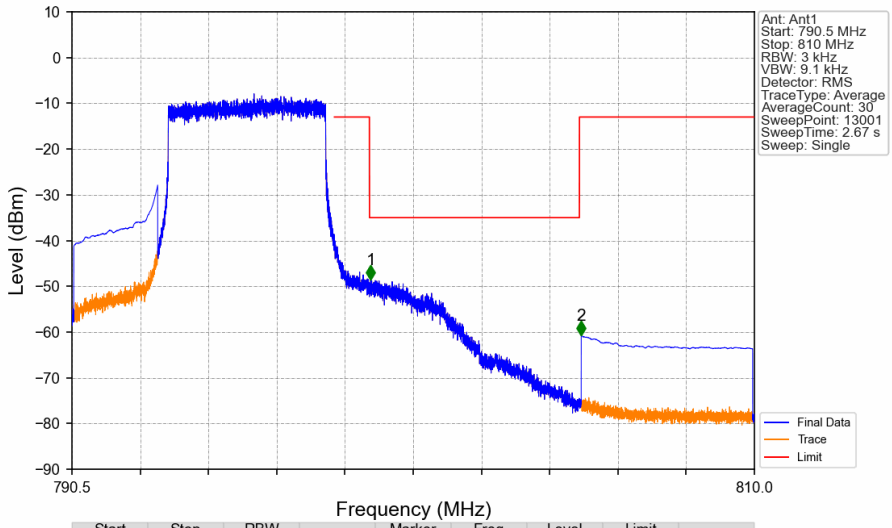

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
790.5	793	0.1	CHP	/	/	/	/	/
793	805	0.00625	/	/	/	/	/	/
805	805	0.00625	/	1	799.034	-48.56	-35	Pass
805	810	0.1	CHP	2	805.052	-60.74	-13	Pass

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5.2 B14_10MHz

5.2.1 Test Result

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
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	793	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

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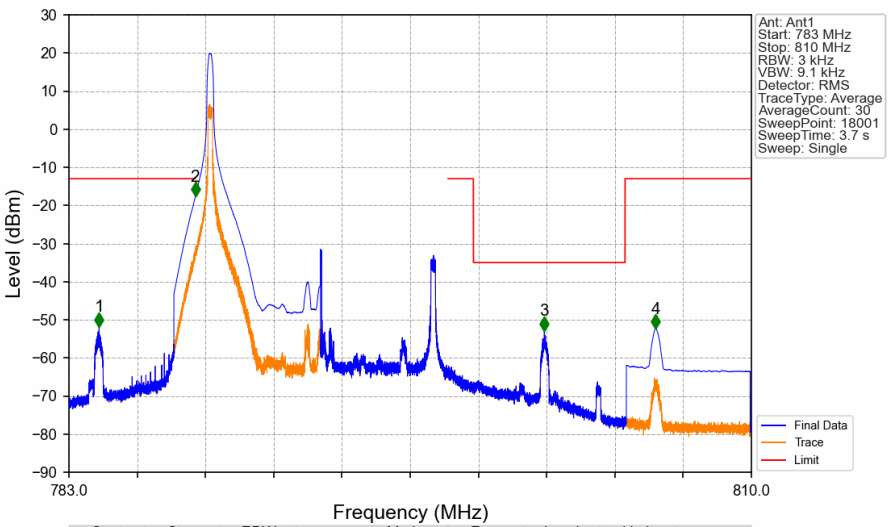
5.2.2 Test Graph

Band14_10MHz_QPSK_MCH_793MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
783	787.1	0.03	/	1	784.192	-51.83	-13	Pass
787.1	793	0.1	CHP	2	788.000	-17.70	-13	Pass
793	793	0.1	CHP	/	/	/	/	/
793	805	0.00625	/	/	/	/	/	/
805	805	0.00625	/	3	801.808	-52.86	-35	Pass
805	810	0.1	CHP	4	806.207	-52.29	-13	Pass

Band14_10MHz_QPSK_MCH_793MHz_RB_1_0_NTNV

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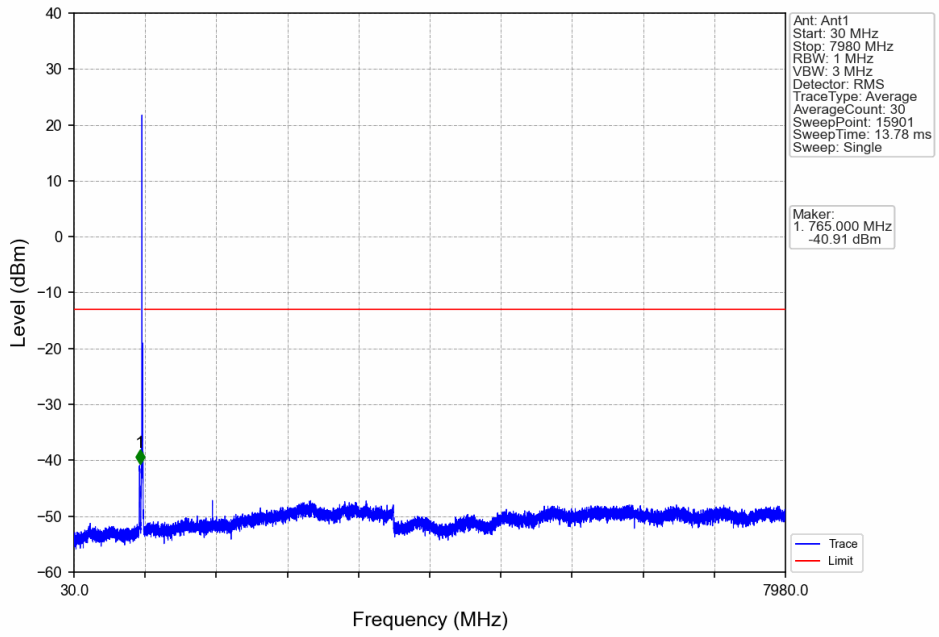

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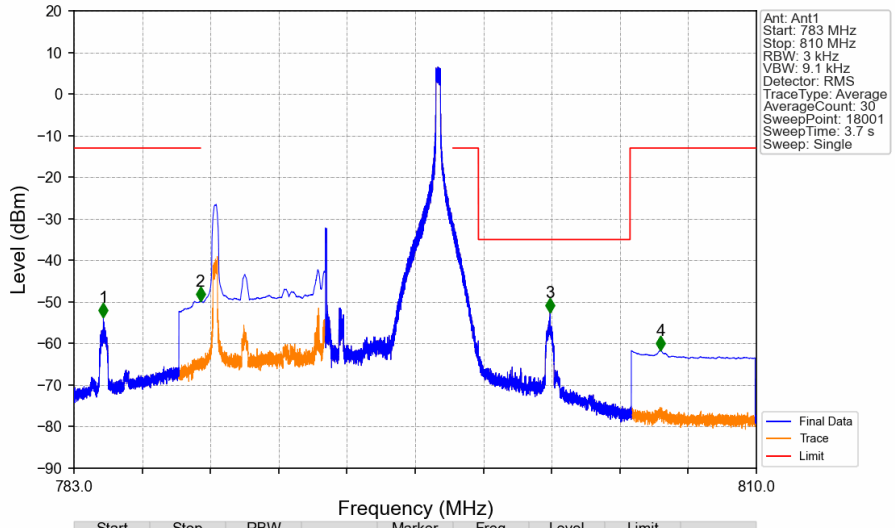

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
783	787.1	0.03	/	1	784.164	-53.69	-13	Pass
787.1	793	0.1	CHP	2	788.000	-49.84	-13	Pass
793	793	0.1	CHP	/	/	/	/	/
793	805	0.00625	/	/	/	/	/	/
805	805	0.00625	/	3	801.836	-52.52	-35	Pass
805	810	0.1	CHP	4	806.207	-61.69	-13	Pass

Band14_10MHz_QPSK_MCH_793MHz_RB_50_0_NTNV

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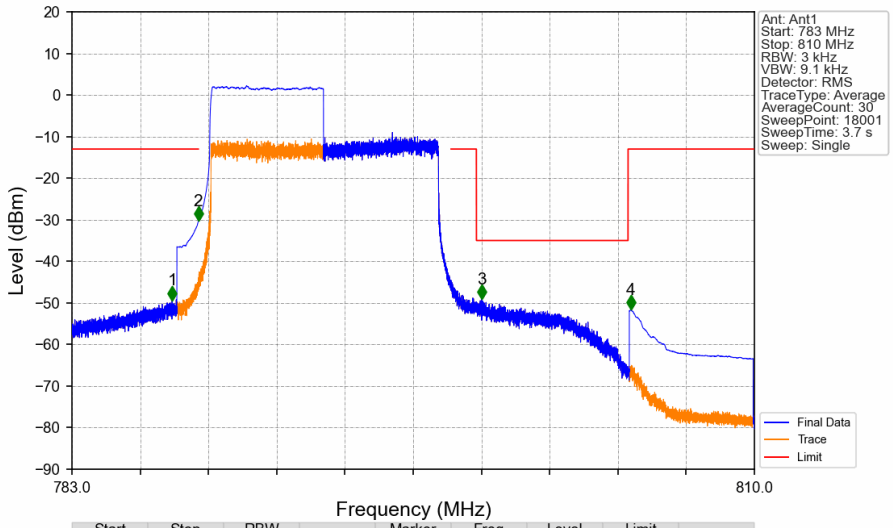

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
783	787.1	0.03	/	1	786.960	-49.35	-13	Pass
787.1	793	0.1	CHP	2	788.000	-30.30	-13	Pass
793	793	0.1	CHP	/	/	/	/	/
793	805	0.00625	/	/	/	/	/	/
805	805	0.00625	/	3	799.205	-49.13	-35	Pass
805	810	0.1	CHP	4	805.111	-51.55	-13	Pass

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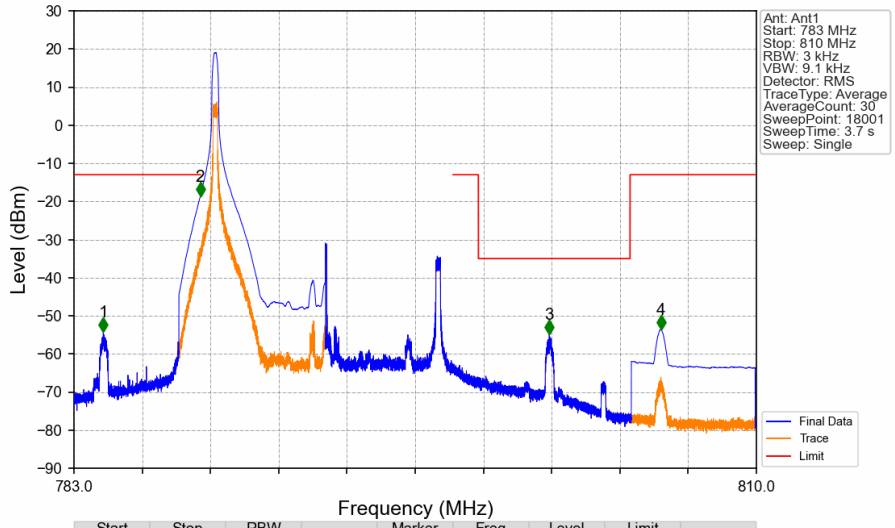

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
783	787.1	0.03	/	1	784.161	-54.29	-13	Pass
787.1	793	0.1	CHP	2	788.000	-18.74	-13	Pass
793	793	0.1	CHP	/	/	/	/	/
793	805	0.00625	/	/	/	/	/	/
805	805	0.00625	/	3	801.807	-54.82	-35	Pass
805	810	0.1	CHP	4	806.234	-53.57	-13	Pass

Band14_10MHz_16QAM_MCH_793MHz_RB_1_0_NTNV

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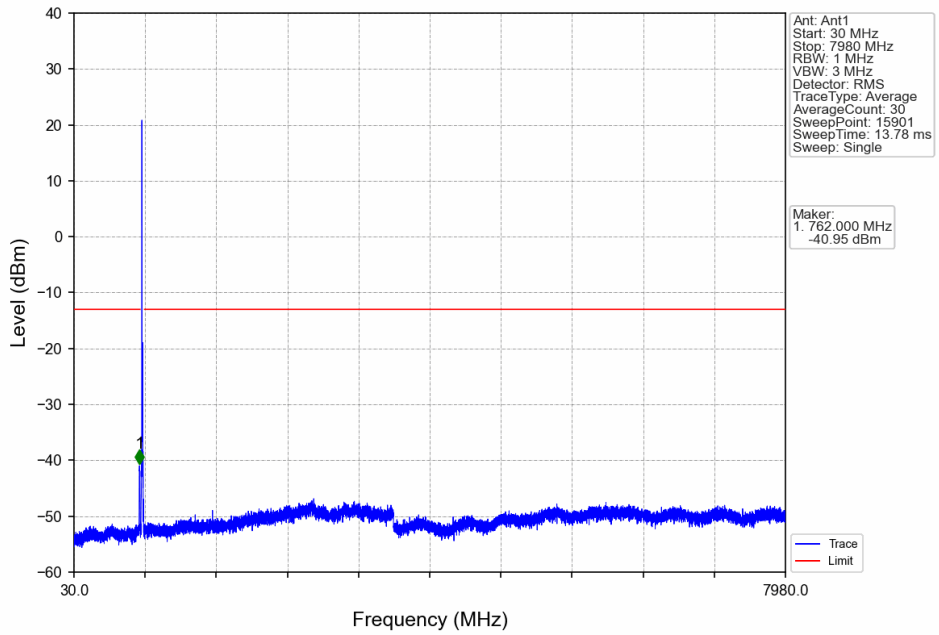

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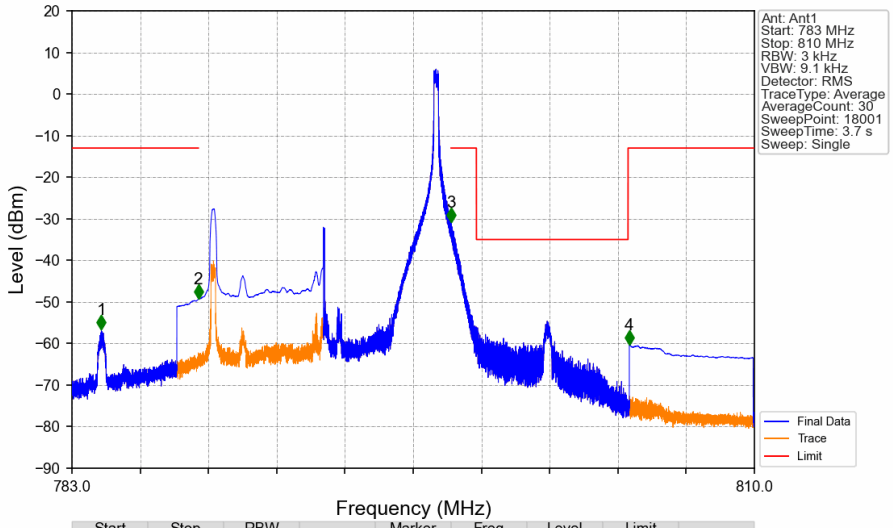

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
783	787.1	0.03	/	1	784.164	-56.61	-13	Pass
787.1	793	0.1	CHP	2	787.995	-49.34	-13	Pass
793	793	0.1	CHP	/	/	/	/	/
793	805	0.00625	/	/	/	/	/	/
805	805	0.00625	/	3	798.001	-30.89	-13	Pass
805	810	0.1	CHP	4	805.052	-60.39	-13	Pass

Band14_10MHz_16QAM_MCH_793MHz_RB_50_0_NTNV

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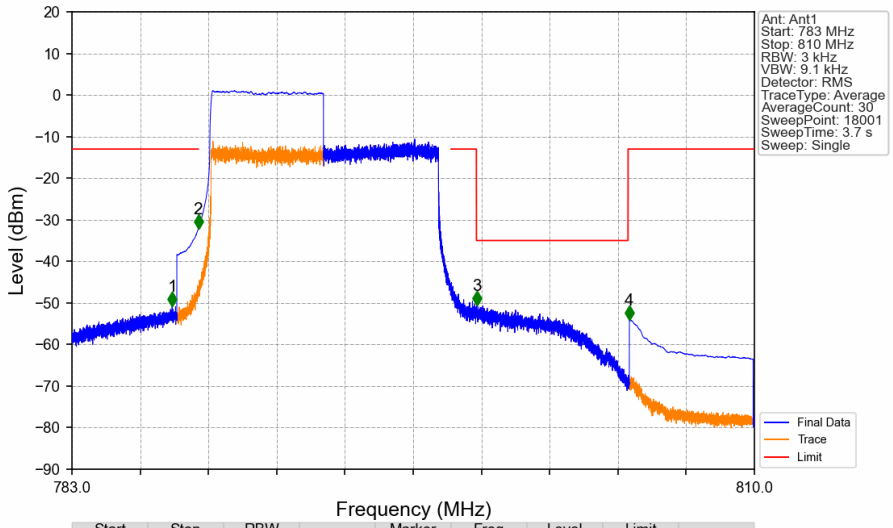

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
783	787.1	0.03	/	1	786.966	-50.83	-13	Pass
787.1	793	0.1	CHP	2	787.995	-32.22	-13	Pass
793	793	0.1	CHP	/	/	/	/	/
793	805	0.00625	/	/	/	/	/	/
805	805	0.00625	/	3	799.020	-50.56	-35	Pass
805	810	0.1	CHP	4	805.052	-54.19	-13	Pass

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6. Field Strength of Spurious Radiation

Test Band = LTE_14_10MHz _TM1
Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1577.5	59.37	-47.61	24.70	-58.80	-40.00	18.80	Horizontal
2	2366	79.47	-46.62	27.54	-34.87	-13.00	21.87	Horizontal
3	3943.5	54.66	-44.21	29.87	-54.94	-13.00	41.94	Horizontal
4	5524.5	49.25	-41.87	32.30	-55.58	-13.00	42.58	Horizontal
5	7406.5	42.15	-38.35	36.71	-54.75	-13.00	41.75	Horizontal
6	9560	40.79	-35.84	37.80	-52.51	-13.00	39.51	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1577	61.04	-47.61	24.69	-57.14	-40.00	17.14	Vertical
2	2366	76.87	-46.62	27.54	-37.47	-13.00	24.47	Vertical
3	3131.5	47.32	-45.71	28.77	-64.88	-13.00	51.88	Vertical
4	3943	47.27	-44.21	29.87	-62.33	-13.00	49.33	Vertical
5	5524.5	49.09	-41.87	32.30	-55.74	-13.00	42.74	Vertical
6	7390	42.33	-38.39	36.66	-54.66	-13.00	41.66	Vertical

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Test Band = LTE_14_5MHz _TM1
Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1576.5	59.12	-47.61	24.68	-59.07	-40.00	19.07	Horizontal
2	2365	80.79	-46.62	27.54	-33.55	-13.00	20.55	Horizontal
3	3942	56.07	-44.22	29.87	-53.54	-13.00	40.54	Horizontal
4	5524.5	49.04	-41.87	32.30	-55.79	-13.00	42.79	Horizontal
5	7853.5	41.47	-37.68	36.78	-54.69	-13.00	41.69	Horizontal
6	9987	39.88	-35.63	38.69	-52.32	-13.00	39.32	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1170.5	48.02	-47.84	24.54	-70.54	-13.00	57.54	Vertical
2	1576.5	61.15	-47.61	24.68	-57.04	-40.00	17.04	Vertical
3	2365.5	76.97	-46.62	27.54	-37.37	-13.00	24.37	Vertical
4	3942	48.33	-44.22	29.87	-61.28	-13.00	48.28	Vertical
5	5524.5	49.41	-41.87	32.30	-55.42	-13.00	42.42	Vertical
6	8475.5	40.78	-36.48	36.45	-54.51	-13.00	41.51	Vertical

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Test Band = LTE_14_5MHz _TM1
Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1026.5	47.83	-46.87	24.29	-70.01	-13.00	57.01	Horizontal
2	1581.5	57.62	-47.61	24.77	-60.48	-40.00	20.48	Horizontal
3	2372.5	75.85	-46.62	27.51	-38.52	-13.00	25.52	Horizontal
4	3954	47.34	-44.16	29.89	-62.19	-13.00	49.19	Horizontal
5	5524.5	49.61	-41.87	32.30	-55.22	-13.00	42.22	Horizontal
6	8515.5	40.78	-36.38	36.53	-54.33	-13.00	41.33	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1581.5	57.53	-47.61	24.77	-60.57	-40.00	20.57	Vertical
2	2372.5	71.18	-46.62	27.51	-43.19	-13.00	30.19	Vertical
3	3014	47.52	-45.70	28.66	-64.78	-13.00	51.78	Vertical
4	4366	45.70	-43.14	29.96	-62.74	-13.00	49.74	Vertical
5	5524.5	49.56	-41.87	32.30	-55.27	-13.00	42.27	Vertical
6	8951.5	40.87	-35.95	36.89	-53.45	-13.00	40.45	Vertical

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Test Band = LTE_14_5MHz _TM1
Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1586.5	54.36	-47.61	24.86	-63.65	-40.00	23.65	Horizontal
2	2380	68.58	-46.62	27.48	-45.82	-13.00	32.82	Horizontal
3	3966.5	45.60	-44.10	29.87	-63.89	-13.00	50.89	Horizontal
4	5524.5	48.88	-41.87	32.30	-55.95	-13.00	42.95	Horizontal
5	6864.5	42.87	-39.64	35.54	-56.49	-13.00	43.49	Horizontal
6	9027	40.87	-35.95	36.59	-53.75	-13.00	40.75	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1586.5	53.69	-47.61	24.86	-64.32	-40.00	24.32	Vertical
2	2380	65.01	-46.62	27.48	-49.39	-13.00	36.39	Vertical
3	3673	46.79	-44.48	29.30	-63.65	-13.00	50.65	Vertical
4	5524.5	49.46	-41.87	32.30	-55.37	-13.00	42.37	Vertical
5	6893.5	42.87	-39.69	35.43	-56.65	-13.00	43.65	Vertical
6	9546.5	40.24	-35.83	37.80	-53.05	-13.00	40.05	Vertical

Remark:
1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:
AF = Antenna Factor(dB/m)
Factor = Cable Factor(dB) - Preamplifier (dB)
Level = Reading Level + AF + Factor -95.26
Margin = Limit – Level

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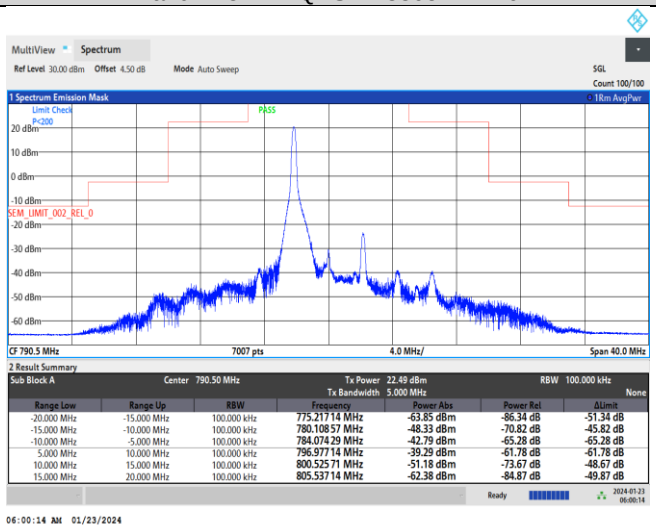
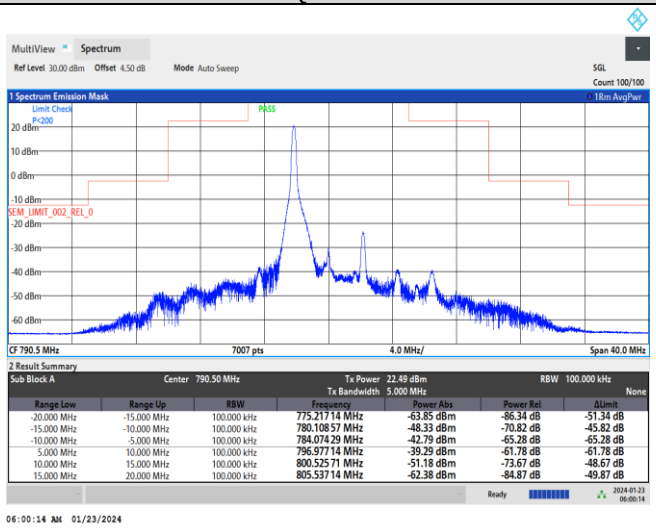
7. Emission Mask

Test Graphs

Band14-5MHz-QPSK-23305-1RB#0



Band14-5MHz-QPSK-23305-25RB#0



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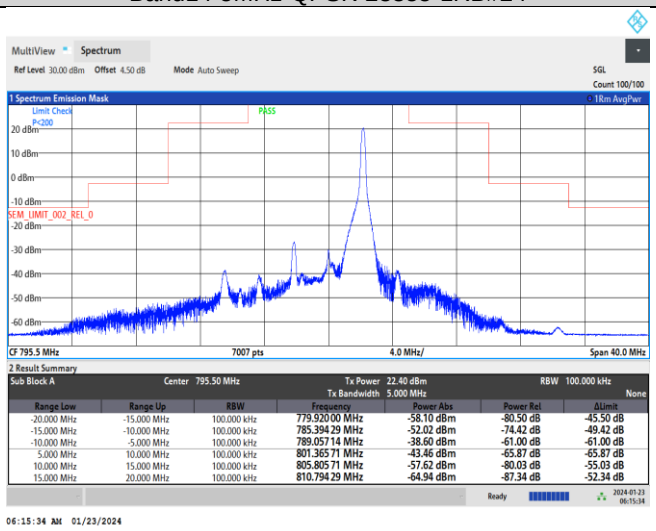
Band14-5MHz-QPSK-23355-1RB#24



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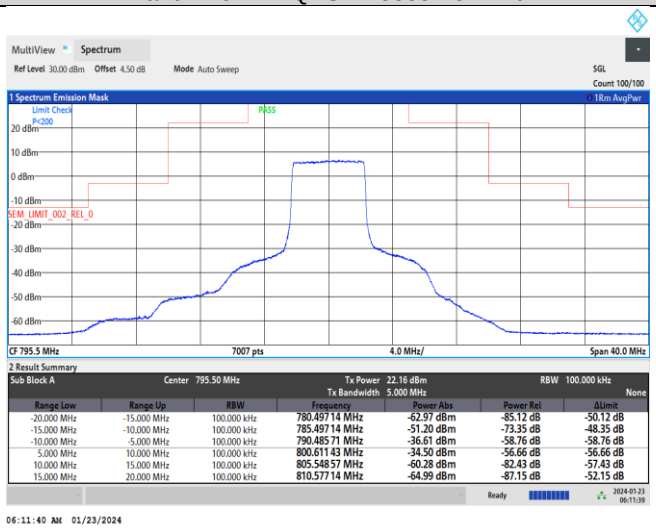

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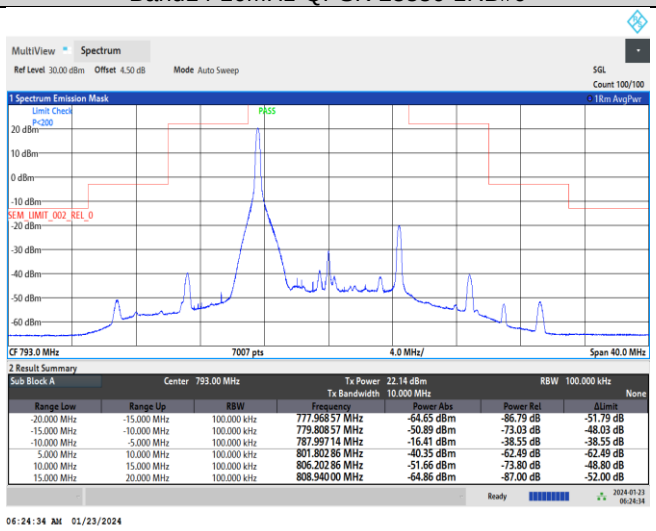
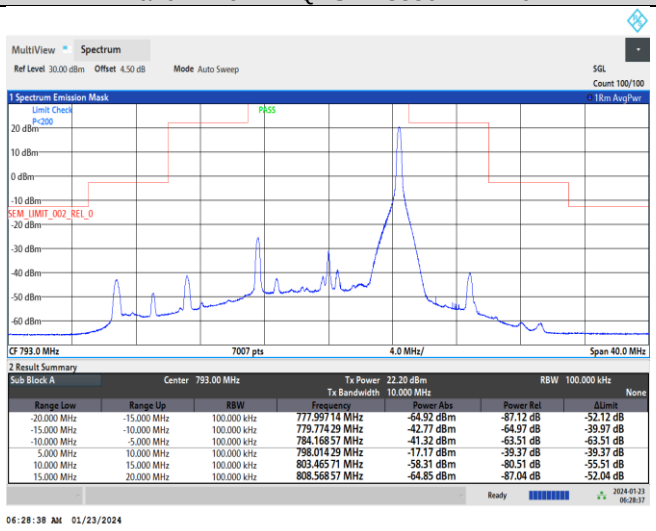
Band14-10MHz-QPSK-23330-1RB#0



Band14-10MHz-QPSK-23330-1RB#49



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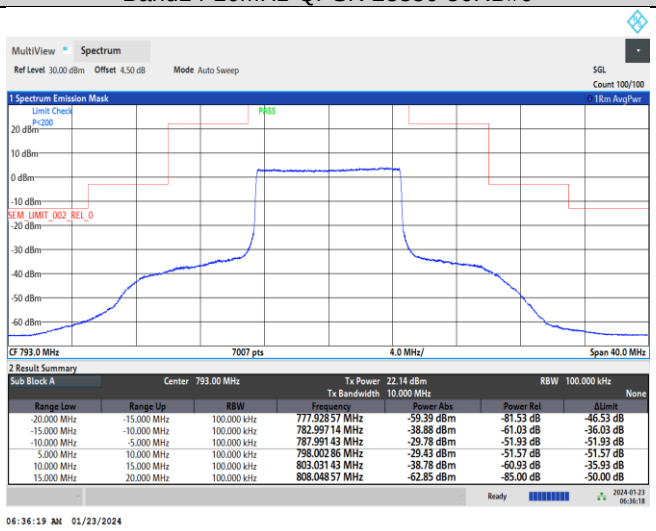
Band14-10MHz-QPSK-23330-50RB#0



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