SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Appendix B.7

LTE Band 14

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1. Effective (Isotropic) Radiated Power Output Data

1.1 B14_5MHz_ERP

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	23.55	2.6	24	<=34.77	Pass
			13	23.48	2.6	23.93	<=34.77	Pass
			24	23.39	2.6	23.84	<=34.77	Pass
		12	0	22.59	2.6	23.04	<=34.77	Pass
			6	22.60	2.6	23.05	<=34.77	Pass
			13	22.47	2.6	22.92	<=34.77	Pass
		25	0	22.58	2.6	23.03	<=34.77	Pass
	793	1	0	23.52	2.6	23.97	<=34.77	Pass
			13	23.47	2.6	23.92	<=34.77	Pass
			24	23.33	2.6	23.78	<=34.77	Pass
		12	0	22.51	2.6	22.96	<=34.77	Pass
			6	22.46	2.6	22.91	<=34.77	Pass
			13	22.37	2.6	22.82	<=34.77	Pass
		25	0	22.45	2.6	22.9	<=34.77	Pass
	795.5	1	0	23.54	2.6	23.99	<=34.77	Pass
			13	23.45	2.6	23.9	<=34.77	Pass
			24	23.40	2.6	23.85	<=34.77	Pass
		12	0	22.61	2.6	23.06	<=34.77	Pass
			6	22.51	2.6	22.96	<=34.77	Pass
			13	22.45	2.6	22.9	<=34.77	Pass
		25	0	22.46	2.6	22.91	<=34.77	Pass
16QAM	790.5	1	0	22.49	2.6	22.94	<=34.77	Pass
			13	22.43	2.6	22.88	<=34.77	Pass
			24	22.35	2.6	22.8	<=34.77	Pass
		12	0	21.59	2.6	22.04	<=34.77	Pass
			6	21.59	2.6	22.04	<=34.77	Pass
			13	21.45	2.6	21.9	<=34.77	Pass
		25	0	21.58	2.6	22.03	<=34.77	Pass
	793	1	0	22.80	2.6	23.25	<=34.77	Pass
			13	22.74	2.6	23.19	<=34.77	Pass
			24	22.65	2.6	23.1	<=34.77	Pass
		12	0	21.54	2.6	21.99	<=34.77	Pass
			6	21.50	2.6	21.95	<=34.77	Pass
			13	21.43	2.6	21.88	<=34.77	Pass
		25	0	21.44	2.6	21.89	<=34.77	Pass
	795.5	1	0	22.69	2.6	23.14	<=34.77	Pass
			13	22.63	2.6	23.08	<=34.77	Pass

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Shenzhen Branch

			24	22.54	2.6	22.99	<=34.77	Pass
		12	0	21.56	2.6	22.01	<=34.77	Pass
			6	21.53	2.6	21.98	<=34.77	Pass
			13	21.42	2.6	21.87	<=34.77	Pass
		25	0	21.54	2.6	21.99	<=34.77	Pass
64QAM	790.5	1	0	21.94	2.6	22.39	<=34.77	Pass
			13	21.86	2.6	22.31	<=34.77	Pass
			24	21.77	2.6	22.22	<=34.77	Pass
		12	0	20.75	2.6	21.2	<=34.77	Pass
			6	20.76	2.6	21.21	<=34.77	Pass
			13	20.64	2.6	21.09	<=34.77	Pass
		25	0	20.72	2.6	21.17	<=34.77	Pass
	793	1	0	21.94	2.6	22.39	<=34.77	Pass
			13	21.94	2.6	22.39	<=34.77	Pass
			24	21.93	2.6	22.38	<=34.77	Pass
		12	0	21.95	2.6	22.4	<=34.77	Pass
			6	21.92	2.6	22.37	<=34.77	Pass
			13	21.94	2.6	22.39	<=34.77	Pass
		25	0	21.91	2.6	22.36	<=34.77	Pass
	795.5	1	0	21.75	2.6	22.2	<=34.77	Pass
			13	21.77	2.6	22.22	<=34.77	Pass
			24	21.76	2.6	22.21	<=34.77	Pass
		12	0	21.74	2.6	22.19	<=34.77	Pass
			6	21.74	2.6	22.19	<=34.77	Pass
			13	21.73	2.6	22.18	<=34.77	Pass
		25	0	21.74	2.6	22.19	<=34.77	Pass
256QAM	790.5	1	0	18.87	2.6	19.32	<=34.77	Pass
			13	18.96	2.6	19.41	<=34.77	Pass
			24	18.86	2.6	19.31	<=34.77	Pass
		12	0	18.76	2.6	19.21	<=34.77	Pass
			6	18.78	2.6	19.23	<=34.77	Pass
			13	18.73	2.6	19.18	<=34.77	Pass
		25	0	18.67	2.6	19.12	<=34.77	Pass
	793	1	0	18.66	2.6	19.11	<=34.77	Pass
			13	18.75	2.6	19.2	<=34.77	Pass
			24	18.58	2.6	19.03	<=34.77	Pass
		12	0	18.69	2.6	19.14	<=34.77	Pass
			6	18.69	2.6	19.14	<=34.77	Pass
			13	18.56	2.6	19.01	<=34.77	Pass
		25	0	18.66	2.6	19.11	<=34.77	Pass
	795.5	1	0	18.39	2.6	18.84	<=34.77	Pass
			13	18.39	2.6	18.84	<=34.77	Pass
			24	18.31	2.6	18.76	<=34.77	Pass
		12	0	18.72	2.6	19.17	<=34.77	Pass
			6	18.67	2.6	19.12	<=34.77	Pass
			13	18.63	2.6	19.08	<=34.77	Pass
		25	0	18.67	2.6	19.12	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

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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	23.57	2.6	24.02	<=34.77	Pass
			25	23.50	2.6	23.95	<=34.77	Pass
			49	23.33	2.6	23.78	<=34.77	Pass
		25	0	22.46	2.6	22.91	<=34.77	Pass
			13	22.47	2.6	22.92	<=34.77	Pass
			25	22.43	2.6	22.88	<=34.77	Pass
		50	0	22.46	2.6	22.91	<=34.77	Pass
16QAM	793	1	0	23.27	2.6	23.72	<=34.77	Pass
			25	23.11	2.6	23.56	<=34.77	Pass
			49	23.10	2.6	23.55	<=34.77	Pass
		25	0	21.56	2.6	22.01	<=34.77	Pass
			13	21.54	2.6	21.99	<=34.77	Pass
			25	21.47	2.6	21.92	<=34.77	Pass
		50	0	21.47	2.6	21.92	<=34.77	Pass
64QAM	793	1	0	21.64	2.6	22.09	<=34.77	Pass
			25	21.68	2.6	22.13	<=34.77	Pass
			49	21.70	2.6	22.15	<=34.77	Pass
		25	0	21.68	2.6	22.13	<=34.77	Pass
			13	21.68	2.6	22.13	<=34.77	Pass
			25	21.69	2.6	22.14	<=34.77	Pass
		50	0	21.67	2.6	22.12	<=34.77	Pass
256QAM	793	1	0	19.17	2.6	19.62	<=34.77	Pass
			25	19.15	2.6	19.6	<=34.77	Pass
			49	19.12	2.6	19.57	<=34.77	Pass
		25	0	18.73	2.6	19.18	<=34.77	Pass
			13	18.68	2.6	19.13	<=34.77	Pass
			25	18.62	2.6	19.07	<=34.77	Pass
		50	0	18.65	2.6	19.1	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

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2. Frequency Stability

2.1 B14_5MHz

2.1.1 Test Result

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	3.55	2.117	0.0027	/	Pass
					4.0	1.931	0.0024	/	Pass
					4.4	2.232	0.0028	/	Pass
				-30	4.0	1.874	0.0024	/	Pass
				-20	4.0	1.574	0.0020	/	Pass
				-10	4.0	0.901	0.0011	/	Pass
				0	4.0	1.473	0.0019	/	Pass
				10	4.0	1.202	0.0015	/	Pass
				30	4.0	1.187	0.0015	/	Pass
				40	4.0	1.173	0.0015	/	Pass
				50	4.0	0.100	0.0001	/	Pass
	793	25	0	20	3.55	0.143	0.0002	/	Pass
					4.0	-0.014	0.0000	/	Pass
					4.4	0.415	0.0005	/	Pass
				-30	4.0	-0.072	-0.0001	/	Pass
				-20	4.0	-0.186	-0.0002	/	Pass
				-10	4.0	0.172	0.0002	/	Pass
				0	4.0	0.930	0.0012	/	Pass
				10	4.0	1.402	0.0018	/	Pass
				30	4.0	0.730	0.0009	/	Pass
				40	4.0	0.615	0.0008	/	Pass
				50	4.0	2.060	0.0026	/	Pass
	795.5	25	0	20	3.55	-0.744	-0.0009	/	Pass
					4.0	-0.572	-0.0007	/	Pass
					4.4	-1.559	-0.0020	/	Pass
				-30	4.0	-0.672	-0.0008	/	Pass
				-20	4.0	-0.272	-0.0003	/	Pass
				-10	4.0	-0.644	-0.0008	/	Pass
				0	4.0	-1.087	-0.0014	/	Pass
				10	4.0	-0.587	-0.0007	/	Pass
				30	4.0	-0.644	-0.0008	/	Pass
				40	4.0	-0.544	-0.0007	/	Pass
				50	4.0	-0.200	-0.0003	/	Pass
16QAM	790.5	25	0	20	3.55	0.529	0.0007	/	Pass
					4.0	0.458	0.0006	/	Pass
					4.4	0.744	0.0009	/	Pass
				-30	4.0	0.758	0.0010	/	Pass

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				-20	4.0	-0.129	-0.0002	/	Pass
				-10	4.0	0.858	0.0011	/	Pass
				0	4.0	0.272	0.0003	/	Pass
				10	4.0	-0.787	-0.0010	/	Pass
				30	4.0	-0.601	-0.0008	/	Pass
				40	4.0	-0.587	-0.0007	/	Pass
				50	4.0	-0.114	-0.0001	/	Pass
	793	25	0	20	3.55	1.445	0.0018	/	Pass
					4.0	1.659	0.0021	/	Pass
					4.4	1.917	0.0024	/	Pass
				-30	4.0	1.802	0.0023	/	Pass
				-20	4.0	0.944	0.0012	/	Pass
				-10	4.0	-0.072	-0.0001	/	Pass
				0	4.0	0.830	0.0010	/	Pass
				10	4.0	0.114	0.0001	/	Pass
				30	4.0	0.601	0.0008	/	Pass
				40	4.0	-0.372	-0.0005	/	Pass
				50	4.0	-0.143	-0.0002	/	Pass
	795.5	25	0	20	3.55	-0.558	-0.0007	/	Pass
					4.0	-0.215	-0.0003	/	Pass
					4.4	0.257	0.0003	/	Pass
				-30	4.0	-0.973	-0.0012	/	Pass
				-20	4.0	-0.386	-0.0005	/	Pass
				-10	4.0	-0.086	-0.0001	/	Pass
				0	4.0	0.443	0.0006	/	Pass
				10	4.0	0.072	0.0001	/	Pass
				30	4.0	-0.186	-0.0002	/	Pass
				40	4.0	-0.186	-0.0002	/	Pass
				50	4.0	-0.014	0.0000	/	Pass
64QAM	790.5	25	0	20	3.55	0.243	0.0003	/	Pass
					4.0	0.815	0.0010	/	Pass
					4.4	0.815	0.0010	/	Pass
				-30	4.0	1.473	0.0019	/	Pass
				-20	4.0	1.745	0.0022	/	Pass
				-10	4.0	0.873	0.0011	/	Pass
				0	4.0	0.958	0.0012	/	Pass
				10	4.0	0.257	0.0003	/	Pass
				30	4.0	1.473	0.0019	/	Pass
				40	4.0	1.717	0.0022	/	Pass
				50	4.0	0.887	0.0011	/	Pass
	793	25	0	20	3.55	-0.672	-0.0008	/	Pass
					4.0	-0.501	-0.0006	/	Pass
					4.4	-1.144	-0.0014	/	Pass
				-30	4.0	-1.488	-0.0019	/	Pass
				-20	4.0	0.343	0.0004	/	Pass
				-10	4.0	-0.257	-0.0003	/	Pass
				0	4.0	-0.615	-0.0008	/	Pass
				10	4.0	-0.343	-0.0004	/	Pass

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				30	4.0	-0.544	-0.0007	/	Pass
				40	4.0	-1.130	-0.0014	/	Pass
				50	4.0	-1.431	-0.0018	/	Pass
	795.5	25	0	20	3.55	1.445	0.0018	/	Pass
					4.0	1.273	0.0016	/	Pass
					4.4	0.472	0.0006	/	Pass
				-30	4.0	0.343	0.0004	/	Pass
				-20	4.0	1.431	0.0018	/	Pass
				-10	4.0	1.187	0.0015	/	Pass
				0	4.0	0.801	0.0010	/	Pass
				10	4.0	1.159	0.0015	/	Pass
				30	4.0	0.529	0.0007	/	Pass
				40	4.0	0.558	0.0007	/	Pass
				50	4.0	1.559	0.0020	/	Pass
256QAM	790.5	25	0	20	3.55	0.358	0.0005	/	Pass
					4.0	-0.014	0.0000	/	Pass
					4.4	1.287	0.0016	/	Pass
				-30	4.0	0.772	0.0010	/	Pass
				-20	4.0	0.501	0.0006	/	Pass
				-10	4.0	0.343	0.0004	/	Pass
				0	4.0	0.014	0.0000	/	Pass
				10	4.0	-0.458	-0.0006	/	Pass
				30	4.0	0.157	0.0002	/	Pass
				40	4.0	0.930	0.0012	/	Pass
				50	4.0	0.944	0.0012	/	Pass
	793	25	0	20	3.55	-0.558	-0.0007	/	Pass
					4.0	-0.772	-0.0010	/	Pass
					4.4	-0.429	-0.0005	/	Pass
				-30	4.0	-1.073	-0.0014	/	Pass
				-20	4.0	-0.758	-0.0010	/	Pass
				-10	4.0	-0.887	-0.0011	/	Pass
				0	4.0	-1.030	-0.0013	/	Pass
				10	4.0	-0.830	-0.0010	/	Pass
				30	4.0	-1.431	-0.0018	/	Pass
				40	4.0	-0.772	-0.0010	/	Pass
				50	4.0	-0.587	-0.0007	/	Pass
	795.5	25	0	20	3.55	0.701	0.0009	/	Pass
					4.0	1.259	0.0016	/	Pass
					4.4	0.830	0.0010	/	Pass
				-30	4.0	0.501	0.0006	/	Pass
				-20	4.0	-0.601	-0.0008	/	Pass
				-10	4.0	0.100	0.0001	/	Pass
				0	4.0	0.000	0.0000	/	Pass
				10	4.0	0.801	0.0010	/	Pass
				30	4.0	-0.386	-0.0005	/	Pass
				40	4.0	-0.486	-0.0006	/	Pass
				50	4.0	0.558	0.0007	/	Pass

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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	3.55	0.114	0.0001	/	Pass
					4.0	-1.059	-0.0013	/	Pass
					4.4	-0.415	-0.0005	/	Pass
				-30	4.0	-1.073	-0.0014	/	Pass
				-20	4.0	-0.644	-0.0008	/	Pass
				-10	4.0	-0.815	-0.0010	/	Pass
				0	4.0	-0.386	-0.0005	/	Pass
				10	4.0	-0.243	-0.0003	/	Pass
				30	4.0	-0.629	-0.0008	/	Pass
				40	4.0	-0.100	-0.0001	/	Pass
				50	4.0	0.372	0.0005	/	Pass
16QAM	793	50	0	20	3.55	1.073	0.0014	/	Pass
					4.0	-0.300	-0.0004	/	Pass
					4.4	0.944	0.0012	/	Pass
				-30	4.0	0.086	0.0001	/	Pass
				-20	4.0	0.529	0.0007	/	Pass
				-10	4.0	0.014	0.0000	/	Pass
				0	4.0	0.744	0.0009	/	Pass
				10	4.0	-0.157	-0.0002	/	Pass
				30	4.0	1.259	0.0016	/	Pass
				40	4.0	0.129	0.0002	/	Pass
				50	4.0	-0.272	-0.0003	/	Pass
64QAM	793	50	0	20	3.55	-0.272	-0.0003	/	Pass
					4.0	-0.286	-0.0004	/	Pass
					4.4	-0.887	-0.0011	/	Pass
				-30	4.0	-0.887	-0.0011	/	Pass
				-20	4.0	0.243	0.0003	/	Pass
				-10	4.0	-0.472	-0.0006	/	Pass
				0	4.0	-0.587	-0.0007	/	Pass
				10	4.0	-0.029	0.0000	/	Pass
				30	4.0	-0.458	-0.0006	/	Pass
				40	4.0	-1.402	-0.0018	/	Pass
				50	4.0	-0.157	-0.0002	/	Pass
256QAM	793	50	0	20	3.55	-0.272	-0.0003	/	Pass
					4.0	-0.815	-0.0010	/	Pass
					4.4	-0.114	-0.0001	/	Pass
				-30	4.0	-1.473	-0.0019	/	Pass
				-20	4.0	-0.901	-0.0011	/	Pass
				-10	4.0	-0.243	-0.0003	/	Pass
				0	4.0	-0.930	-0.0012	/	Pass

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				10	4.0	-0.887	-0.0011	/	Pass
				30	4.0	-0.386	-0.0005	/	Pass
				40	4.0	0.386	0.0005	/	Pass
				50	4.0	0.286	0.0004	/	Pass

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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	4.545	/	Pass
		793	25	0	4.541	/	Pass
		795.5	25	0	4.576	/	Pass
	16QAM	790.5	25	0	4.565	/	Pass
		793	25	0	4.535	/	Pass
		795.5	25	0	4.547	/	Pass
	64QAM	790.5	25	0	4.557	/	Pass
		793	25	0	4.537	/	Pass
		795.5	25	0	4.546	/	Pass
	256QAM	790.5	25	0	4.550	/	Pass
		793	25	0	4.548	/	Pass
		795.5	25	0	4.573	/	Pass
10	QPSK	793	50	0	9.043	/	Pass
	16QAM	793	50	0	9.057	/	Pass
	64QAM	793	50	0	9.034	/	Pass
	256QAM	793	50	0	9.035	/	Pass

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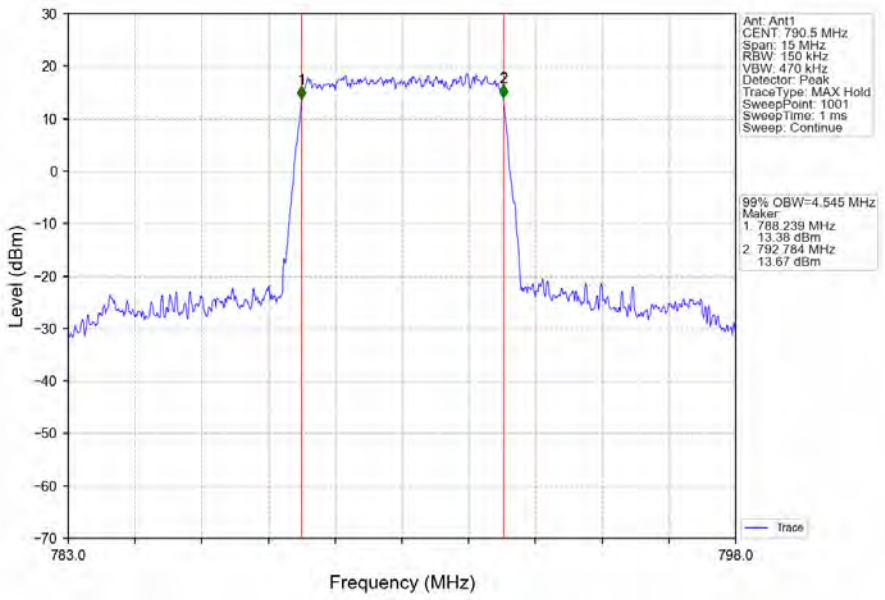
3.1.2 Test Graph

Band14_5MHz_QPSK_LCH_790.5MHz_RB_25_0_NTNV



Band14_5MHz_QPSK_MCH_793MHz_RB_25_0_NTNV

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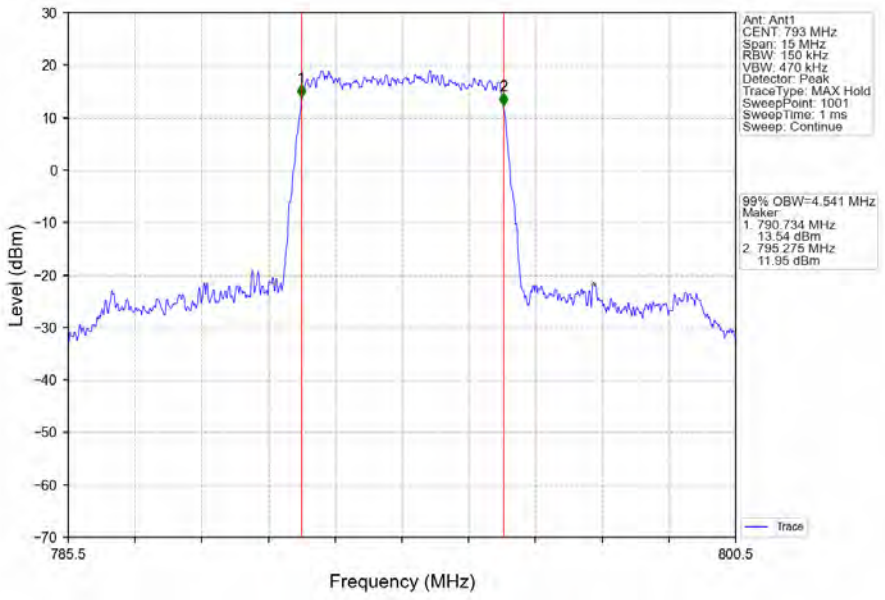

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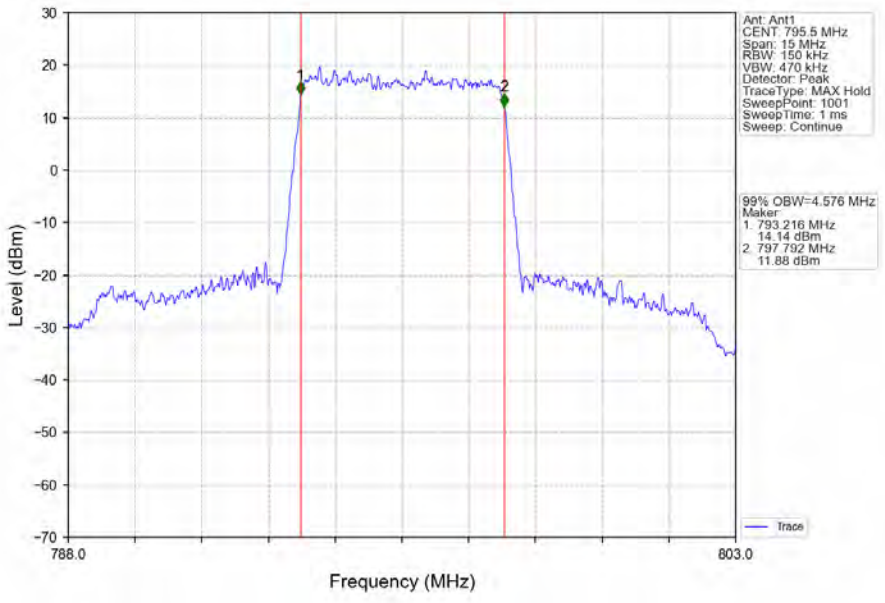
Band14_5MHz_QPSK_HCH_795.5MHz_RB_25_0_NTNV



Band14_5MHz_16QAM_LCH_790.5MHz_RB_25_0_NTNV

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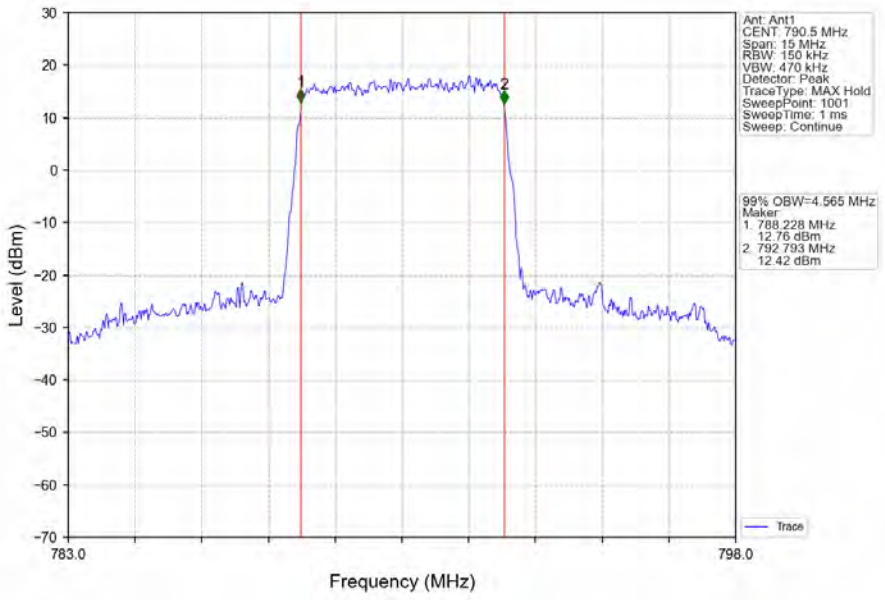

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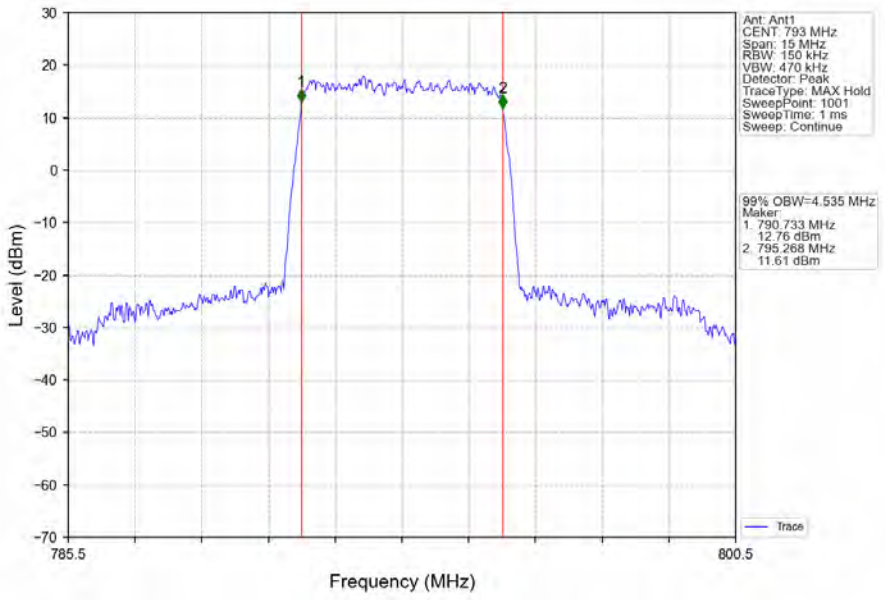
Band14_5MHz_16QAM_MCH_793MHz_RB_25_0_NTNV



Band14_5MHz_16QAM_HCH_795.5MHz_RB_25_0_NTNV

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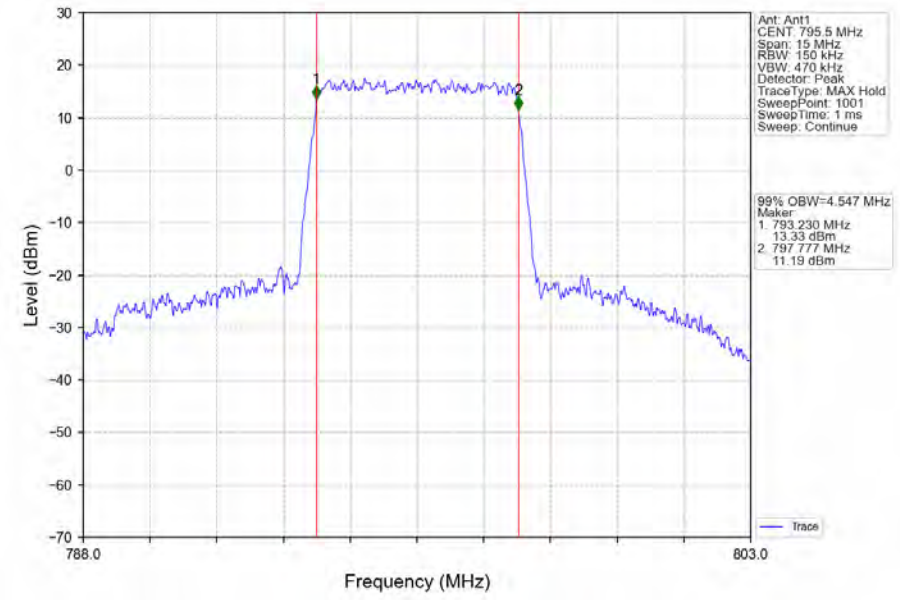

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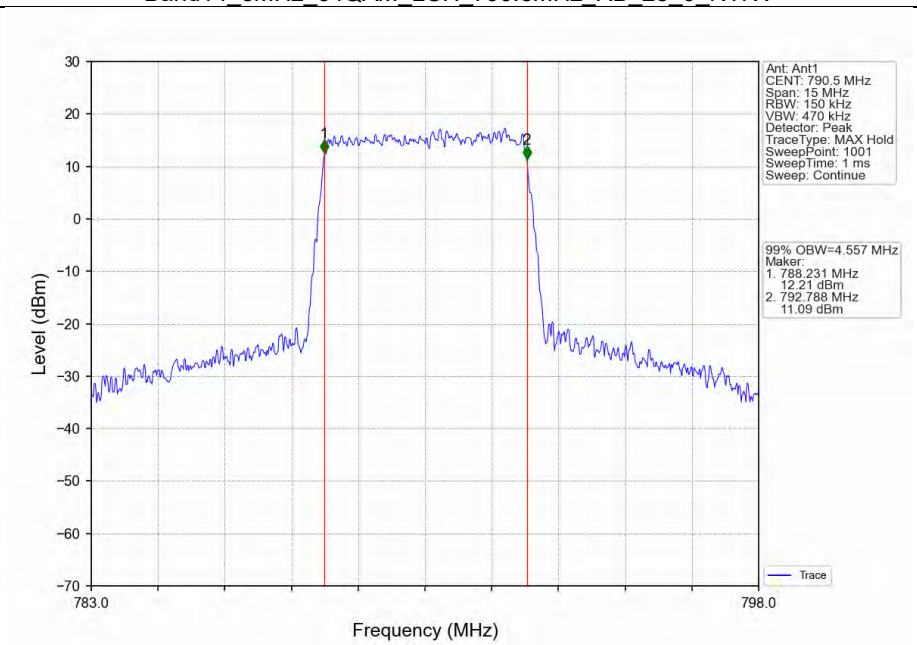
Band14_5MHz_64QAM_LCH_790.5MHz_RB_25_0_NTNV



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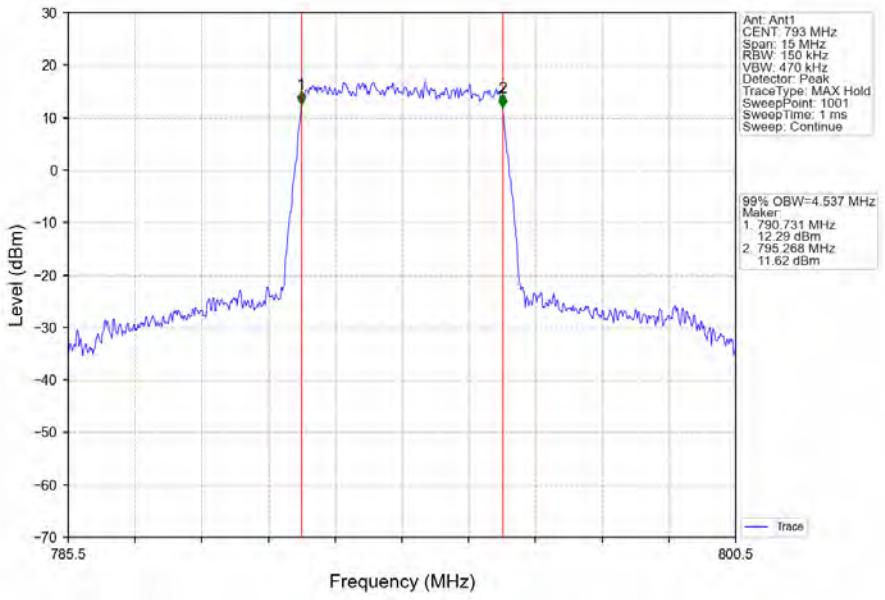

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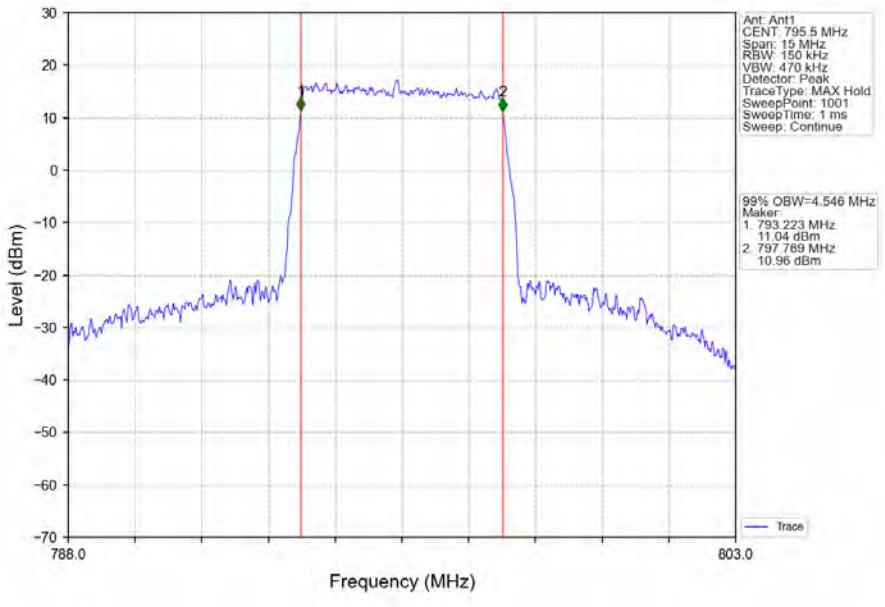
Band14_5MHz_64QAM_HCH_795.5MHz_RB_25_0_NTNV



Band14_5MHz_256QAM_LCH_790.5MHz_RB_25_0_NTNV

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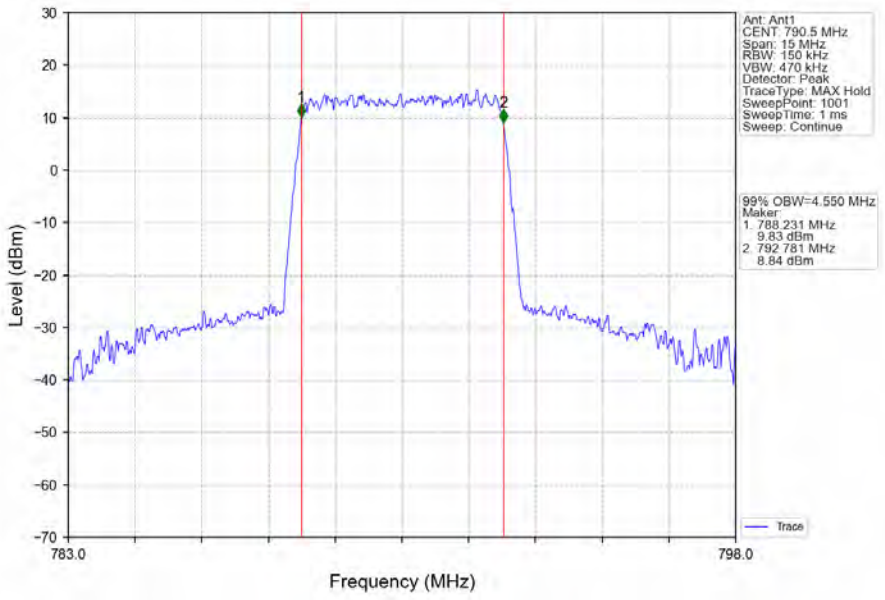

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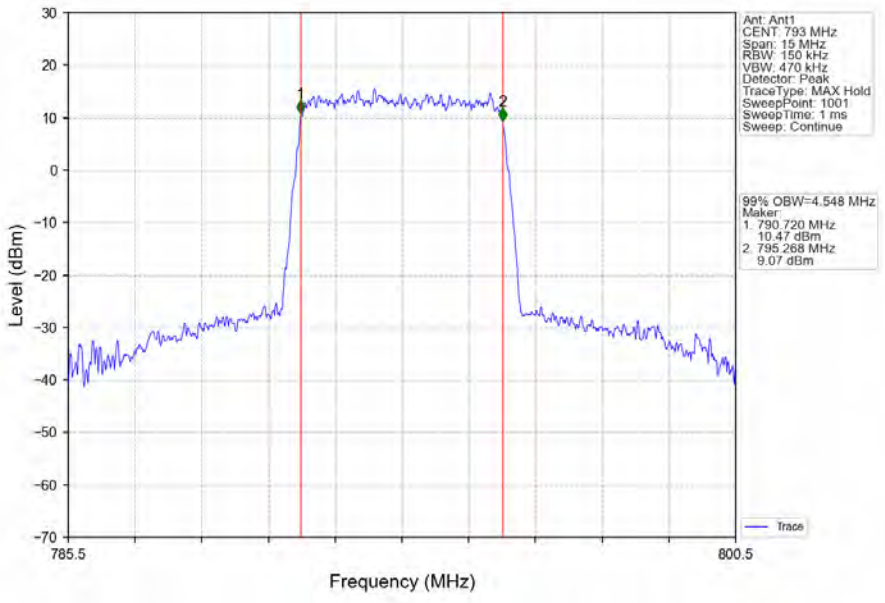
Band14_5MHz_256QAM_MCH_793MHz_RB_25_0_NTNV



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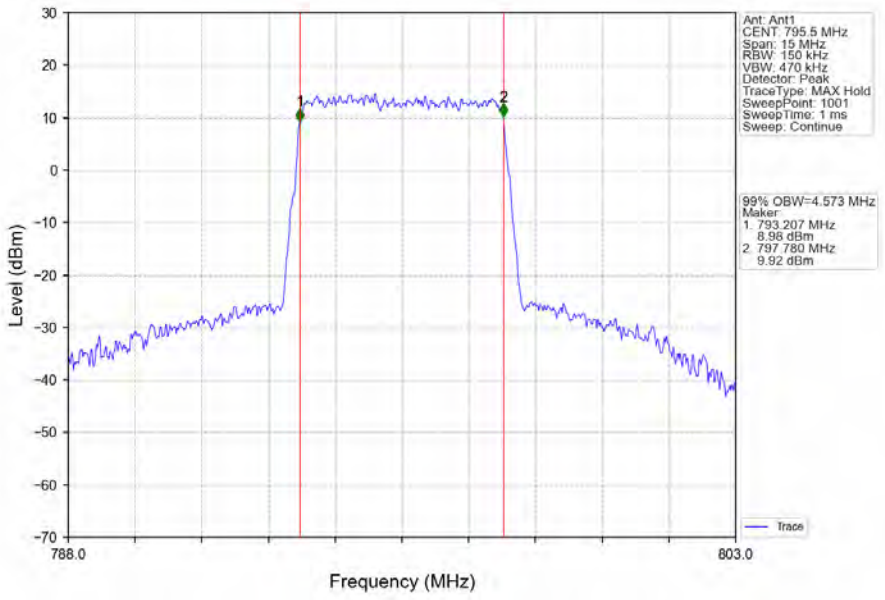

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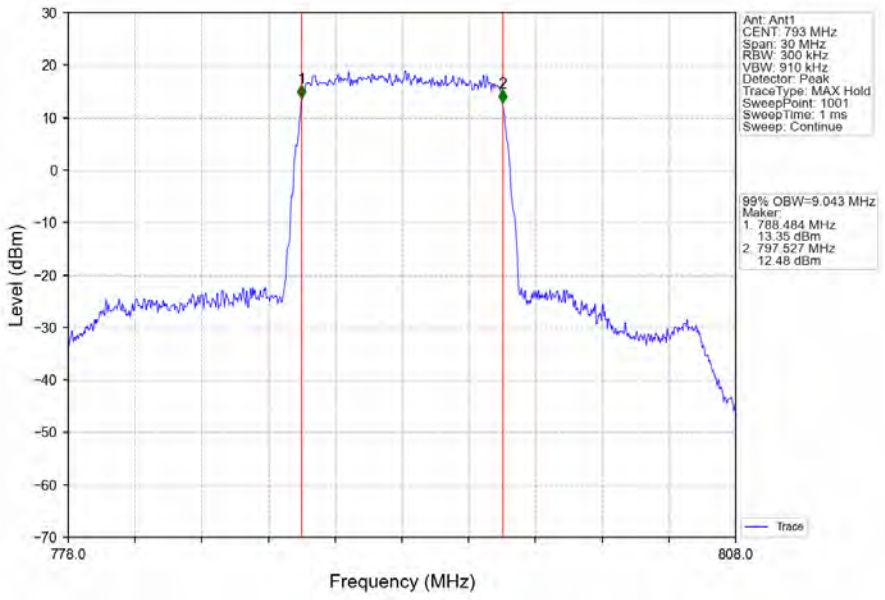
Band14_10MHz_QPSK_MCH_793MHz_RB_50_0_NTNV



Band14_10MHz_16QAM_MCH_793MHz_RB_50_0_NTNV

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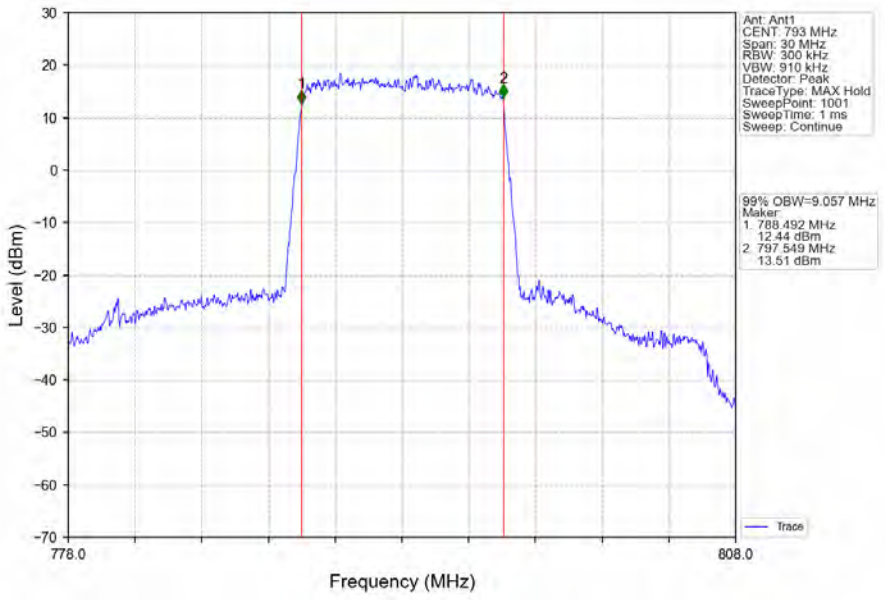

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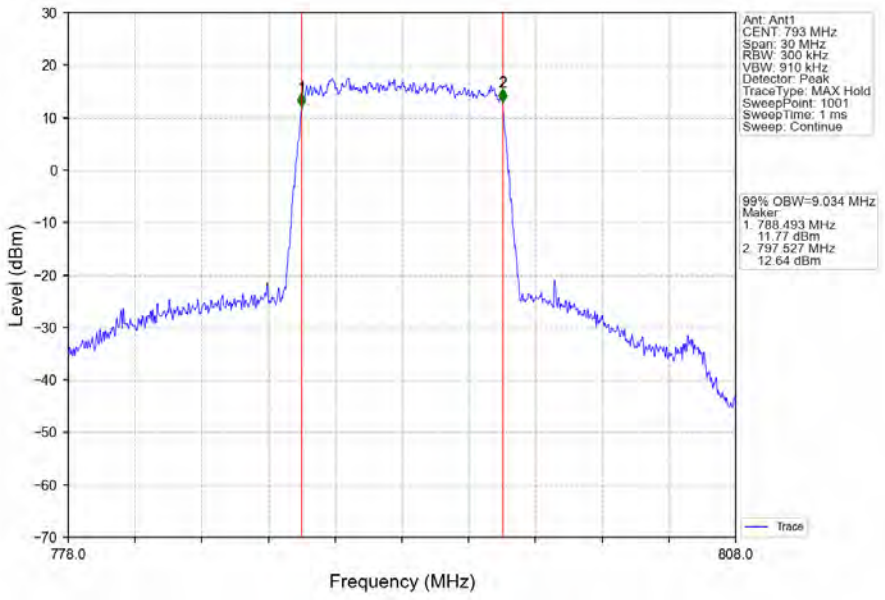

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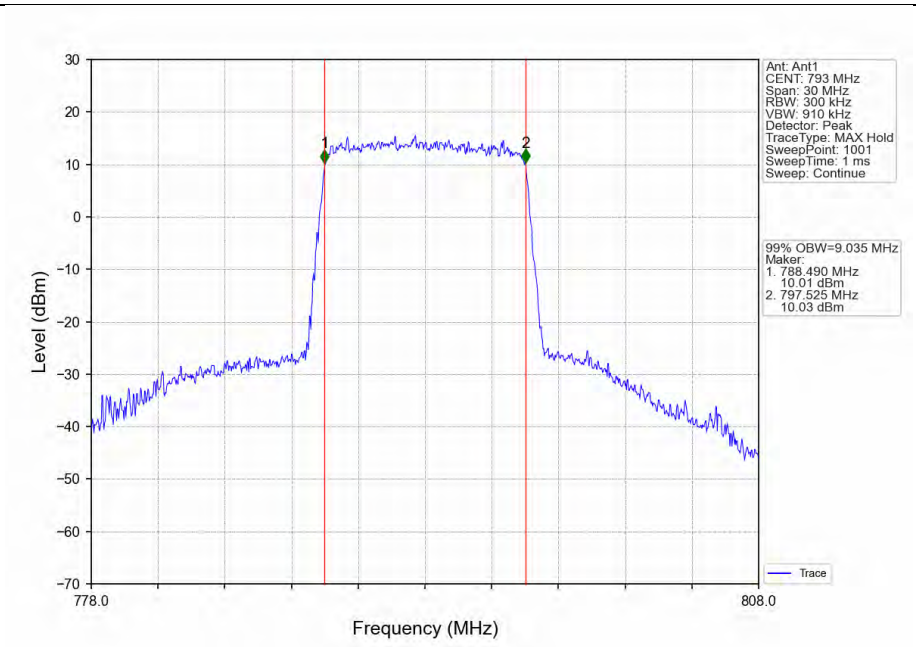

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3.2 Band14_XDB

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	5.065	/	Pass
		793	25	0	5.076	/	Pass
		795.5	25	0	5.037	/	Pass
	16QAM	790.5	25	0	5.064	/	Pass
		793	25	0	5.039	/	Pass
		795.5	25	0	5.063	/	Pass
	64QAM	790.5	25	0	5.054	/	Pass
		793	25	0	5.054	/	Pass
		795.5	25	0	5.068	/	Pass
	256QAM	790.5	25	0	5.042	/	Pass
		793	25	0	5.022	/	Pass
		795.5	25	0	5.050	/	Pass
10	QPSK	793	50	0	9.976	/	Pass
	16QAM	793	50	0	9.914	/	Pass
	64QAM	793	50	0	9.931	/	Pass
	256QAM	793	50	0	9.912	/	Pass

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3.2.2 Test Graph

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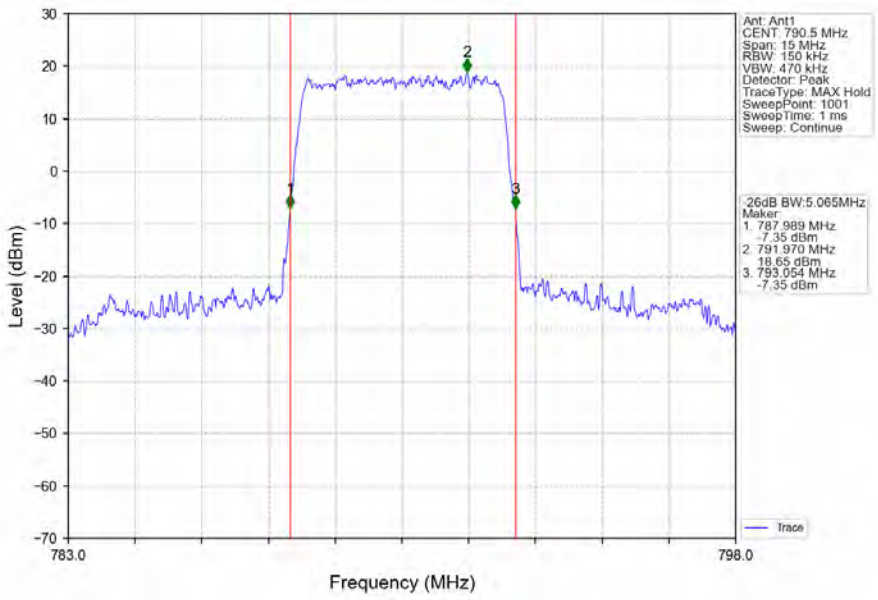

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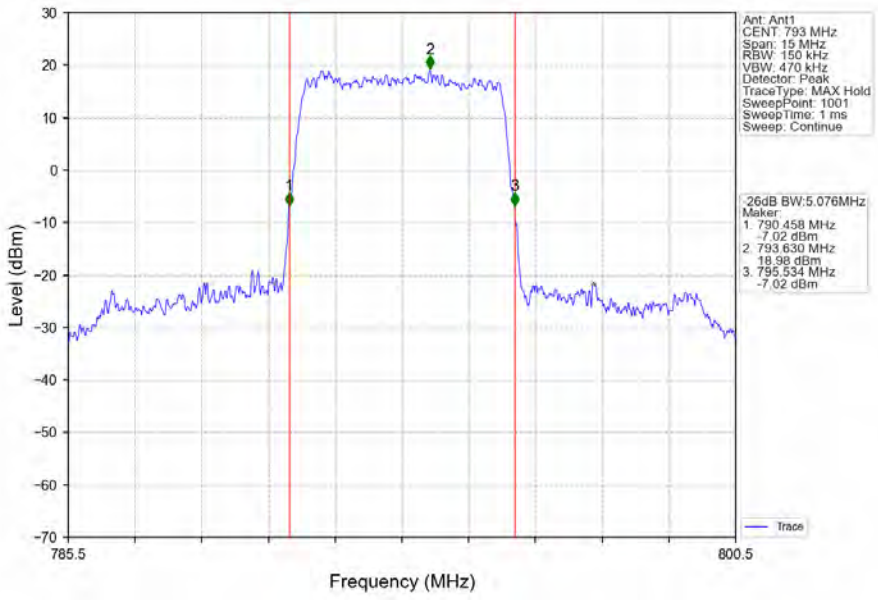

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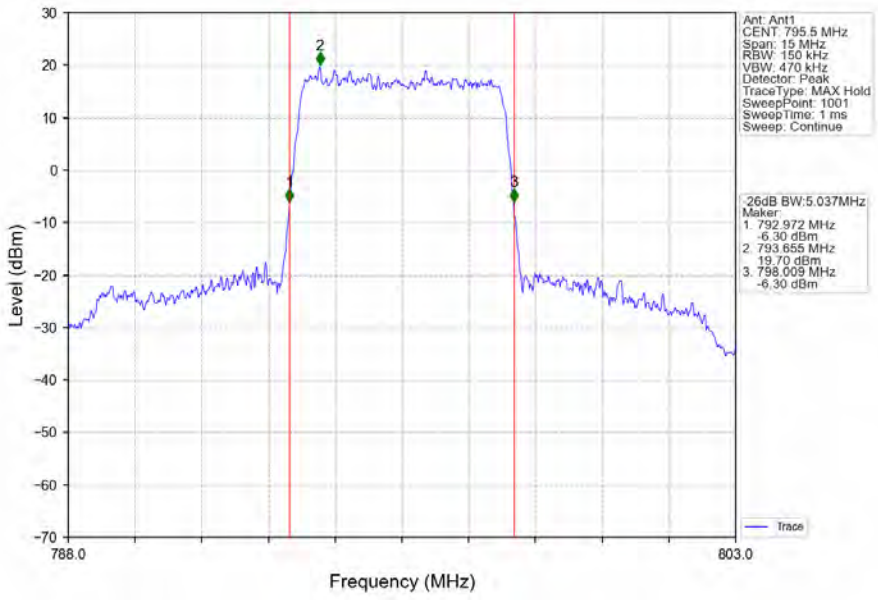

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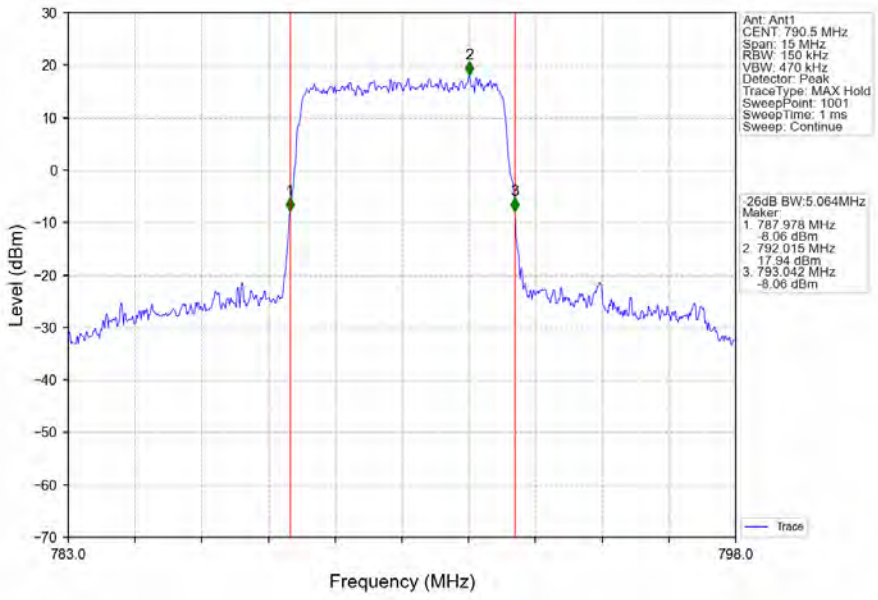

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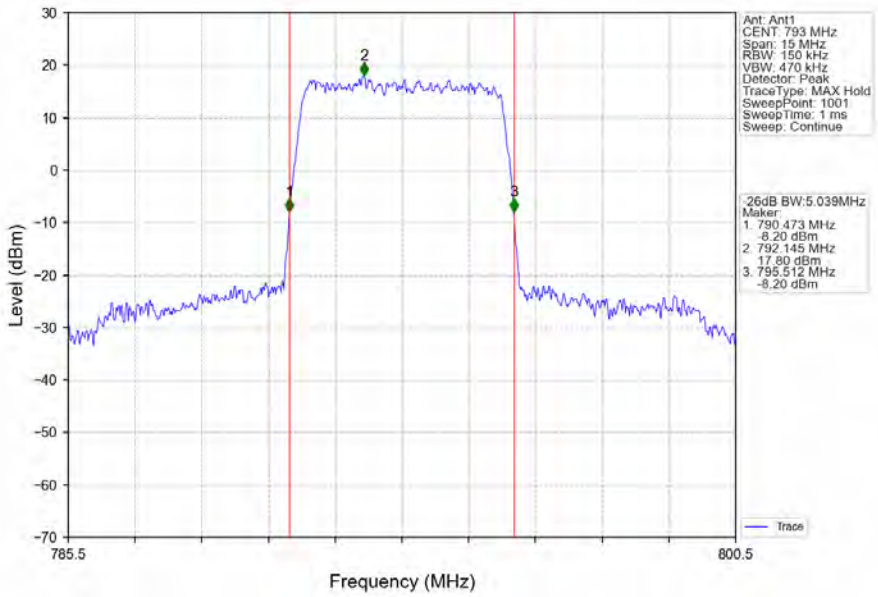

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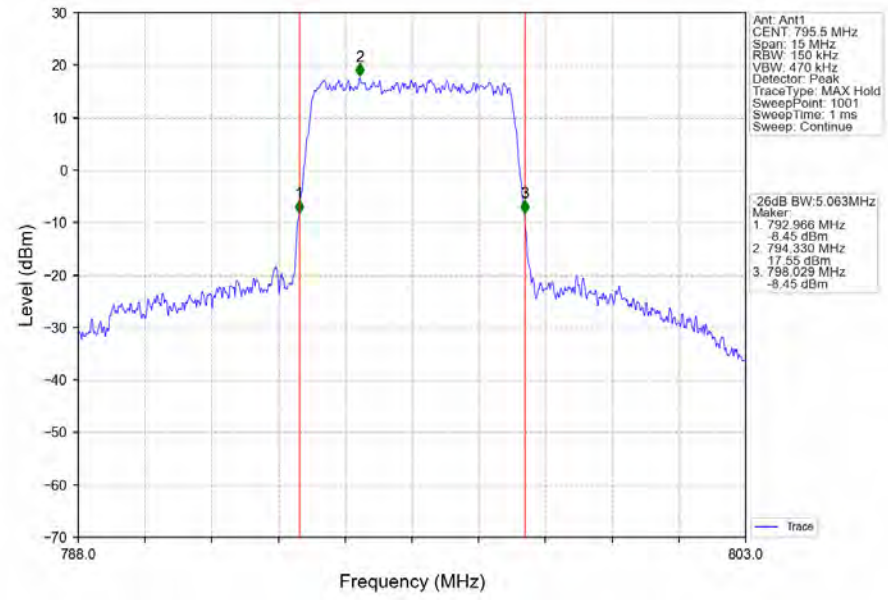

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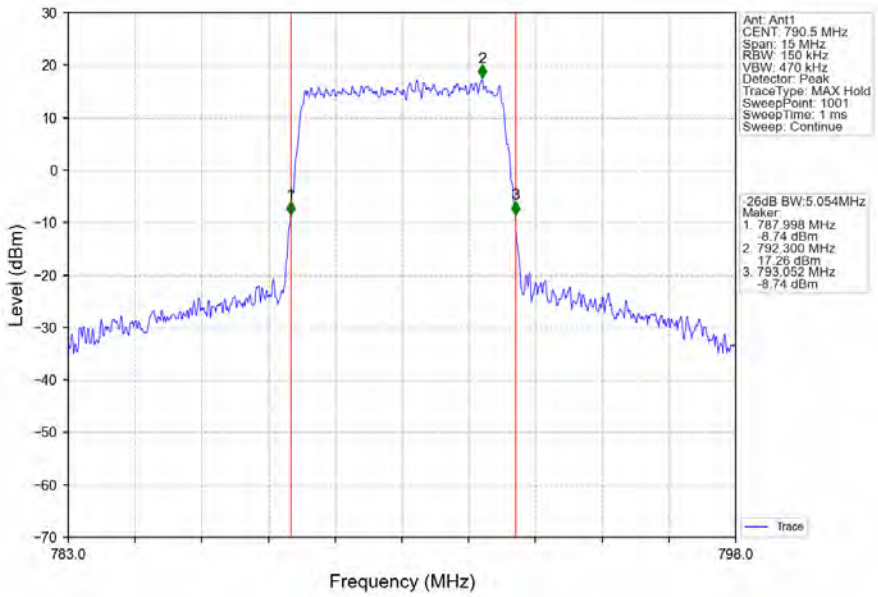
Band14_5MHz_64QAM_LCH_790.5MHz_RB_25_0_NTNV



Band14_5MHz_64QAM_MCH_793MHz_RB_25_0_NTNV

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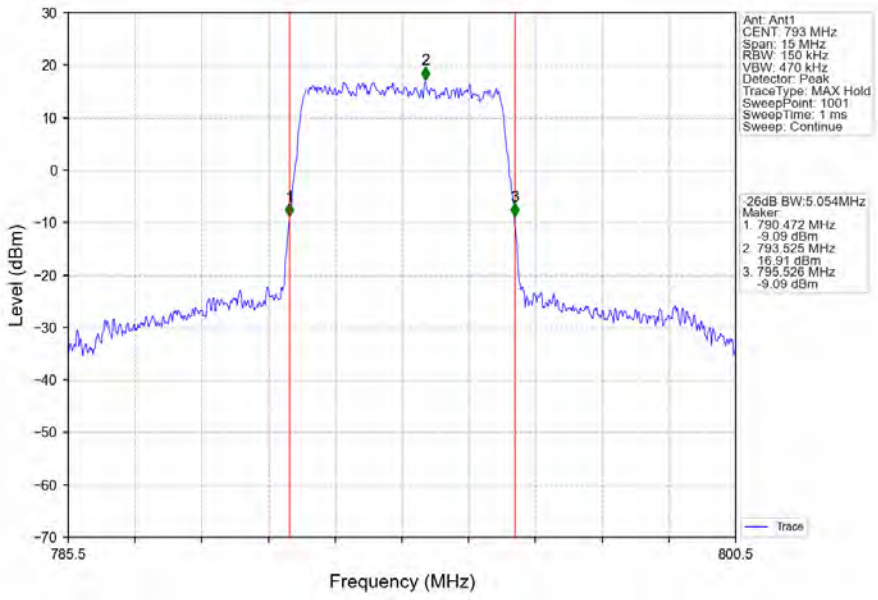

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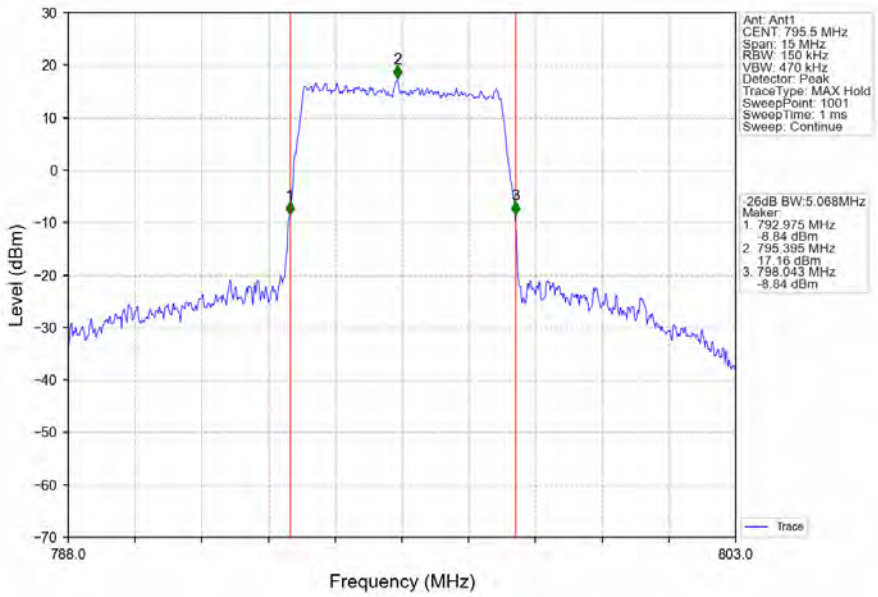

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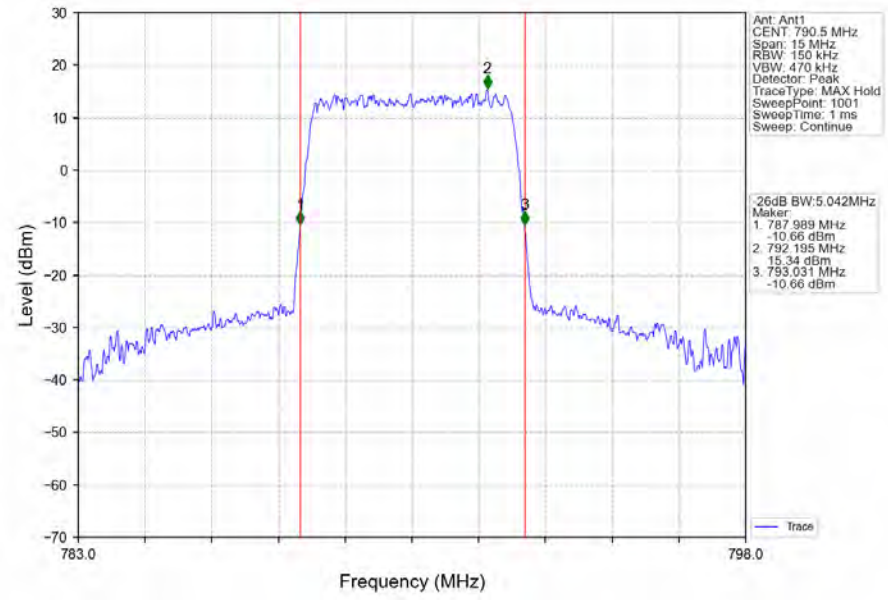

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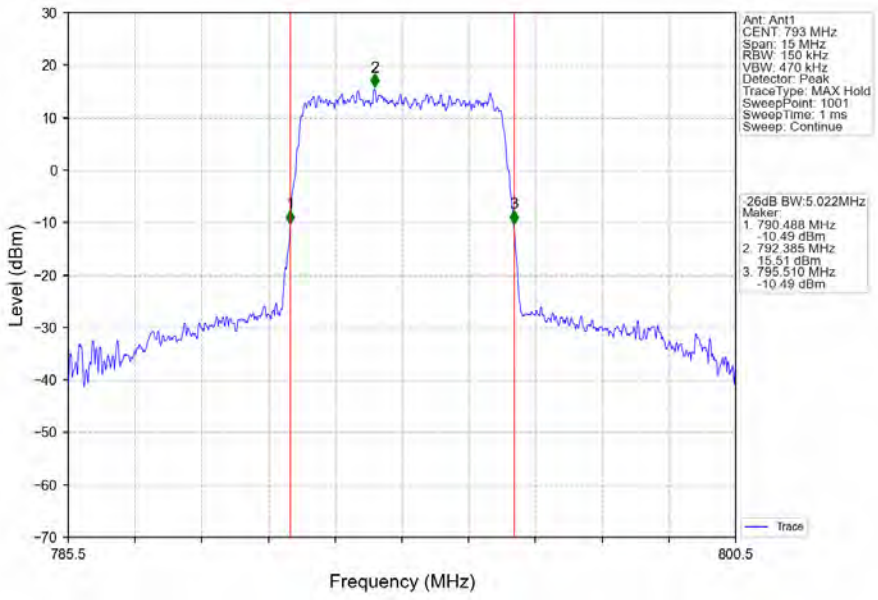
Band14_5MHz_256QAM_MCH_793MHz_RB_25_0_NTNV



Band14_5MHz_256QAM_HCH_795.5MHz_RB_25_0_NTNV

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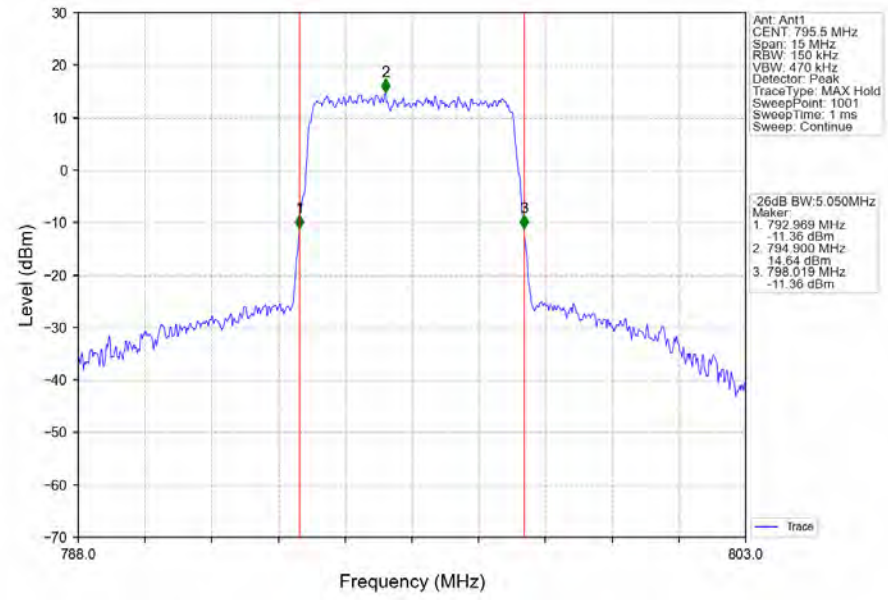

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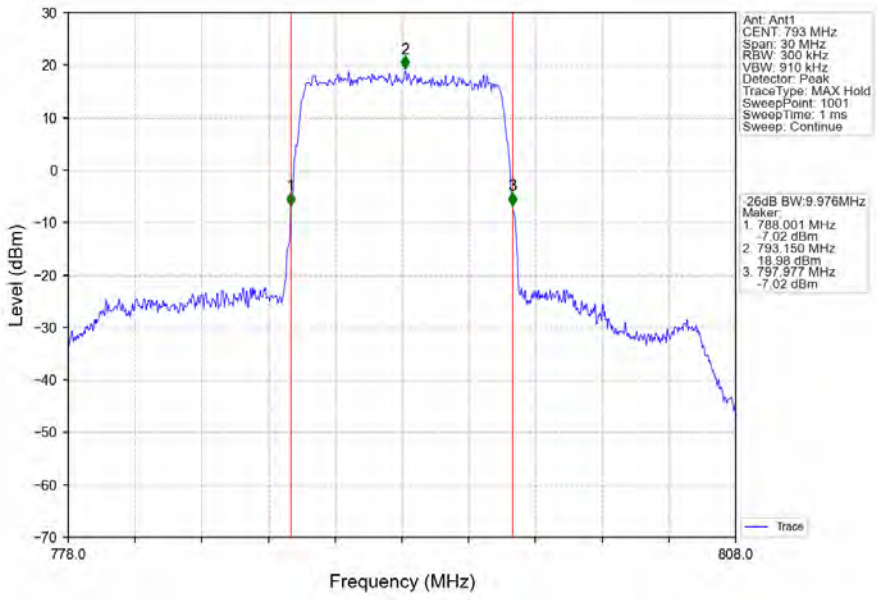
Band14_10MHz_QPSK_MCH_793MHz_RB_50_0_NTNV



Band14_10MHz_16QAM_MCH_793MHz_RB_50_0_NTNV

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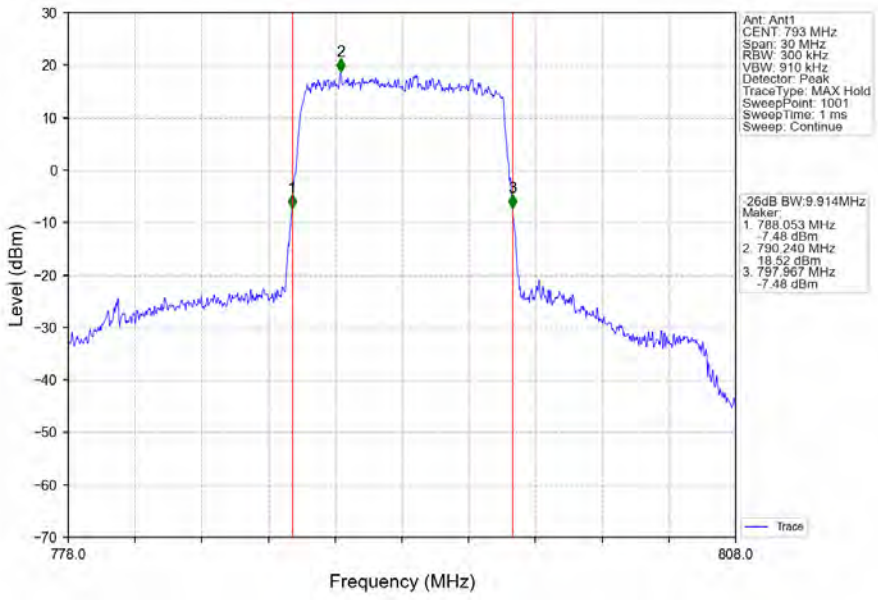

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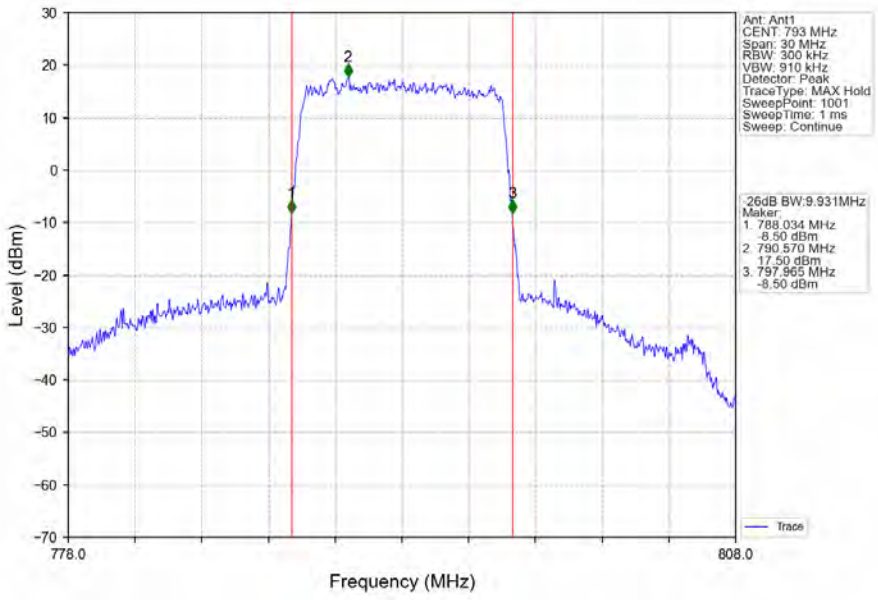

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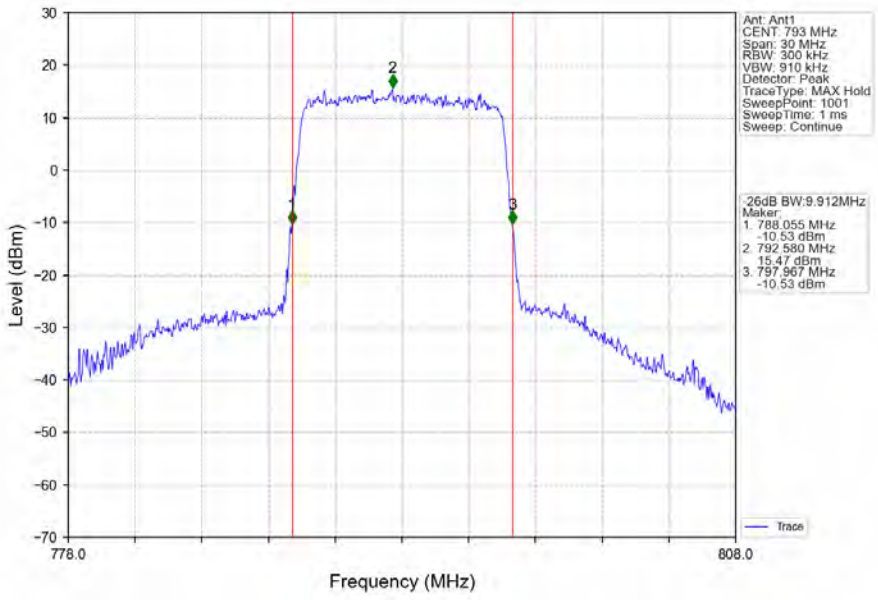

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4. Peak-Average Ratio

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	5.09	<=13	Pass
	793	25	0	4.96	<=13	Pass
	795.5	25	0	4.95	<=13	Pass
16QAM	790.5	25	0	5.90	<=13	Pass
	793	25	0	5.75	<=13	Pass
	795.5	25	0	5.73	<=13	Pass
64QAM	790.5	25	0	6.65	<=13	Pass
	793	25	0	6.51	<=13	Pass
	795.5	25	0	6.43	<=13	Pass
256QAM	790.5	25	0	6.92	<=13	Pass
	793	25	0	6.82	<=13	Pass
	795.5	25	0	6.73	<=13	Pass

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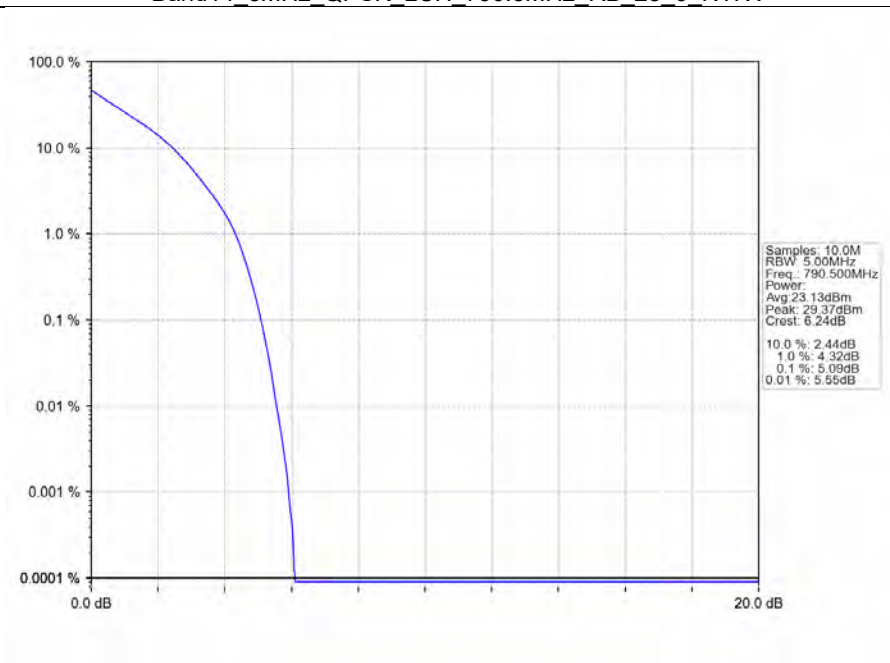
4.1.2 Test Graph

Band14_5MHz_QPSK_LCH_790.5MHz_RB_25_0_NTNV



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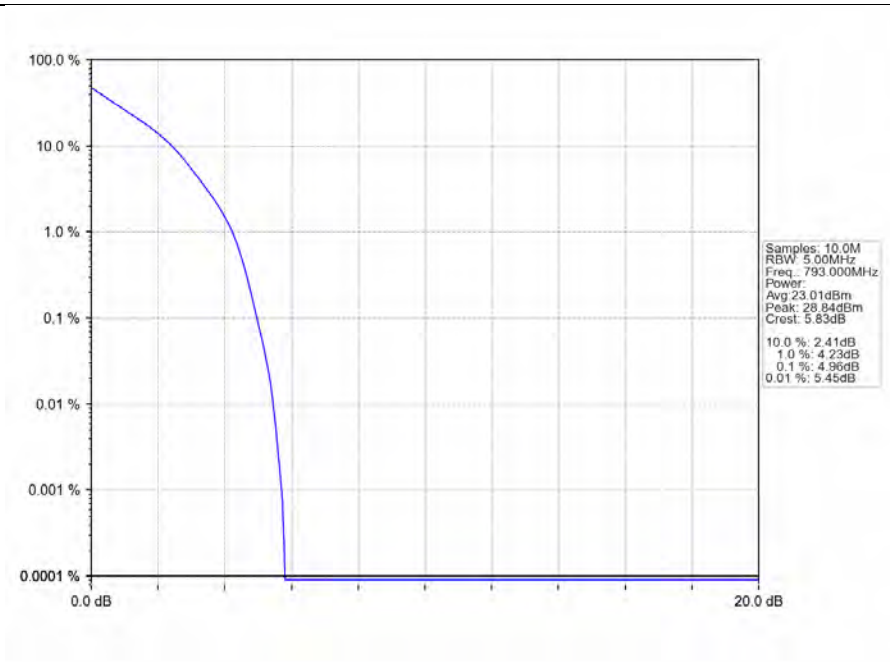

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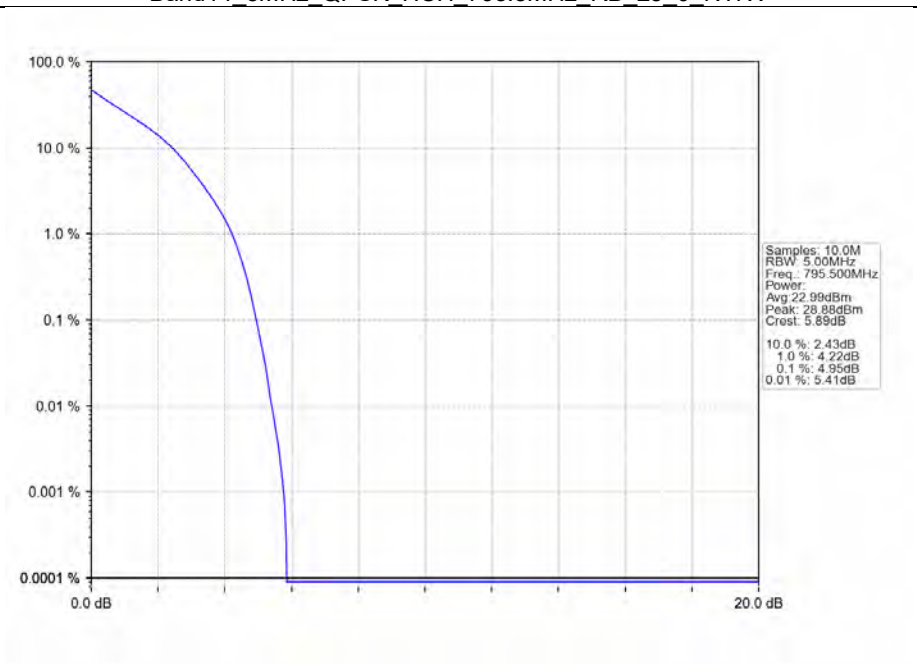
Band14_5MHz_QPSK_HCH_795.5MHz_RB_25_0_NTNV



Band14_5MHz_16QAM_LCH_790.5MHz_RB_25_0_NTNV

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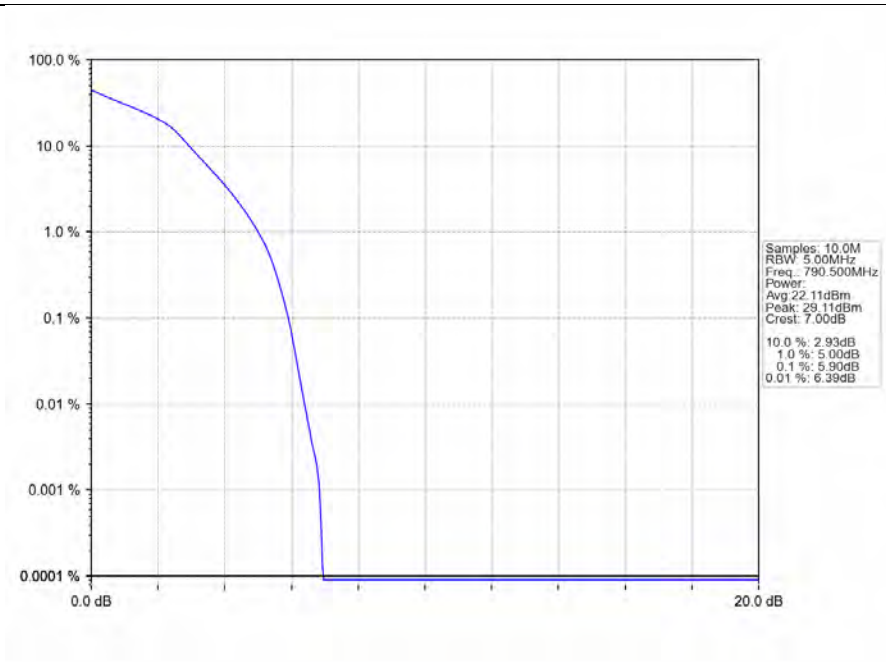

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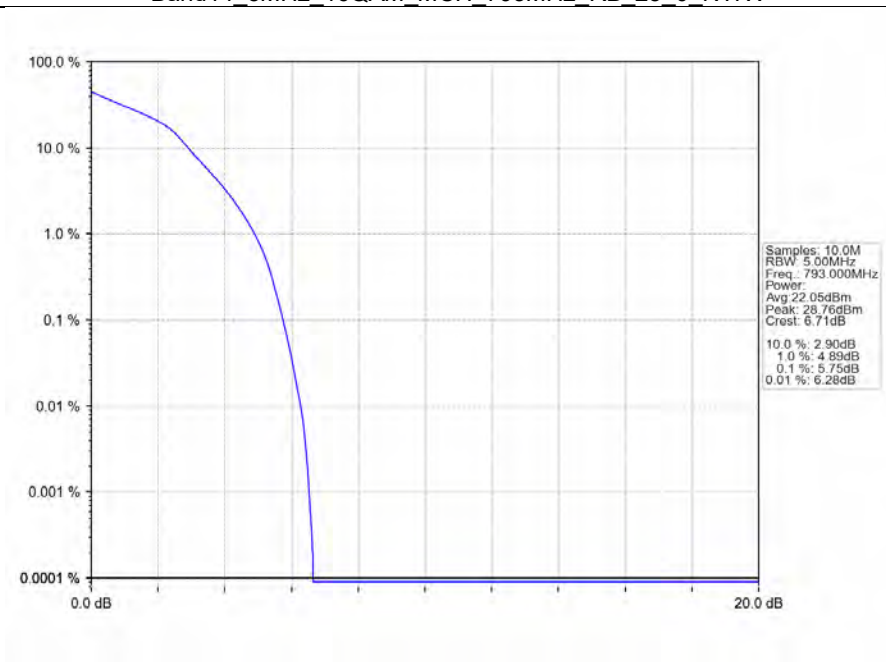
Band14_5MHz_16QAM_MCH_793MHz_RB_25_0_NTNV



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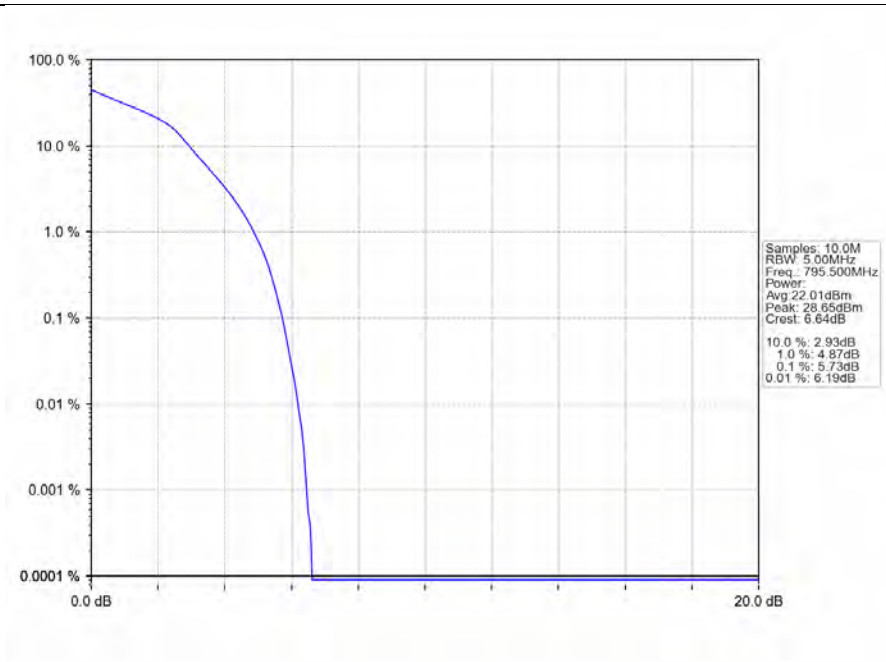

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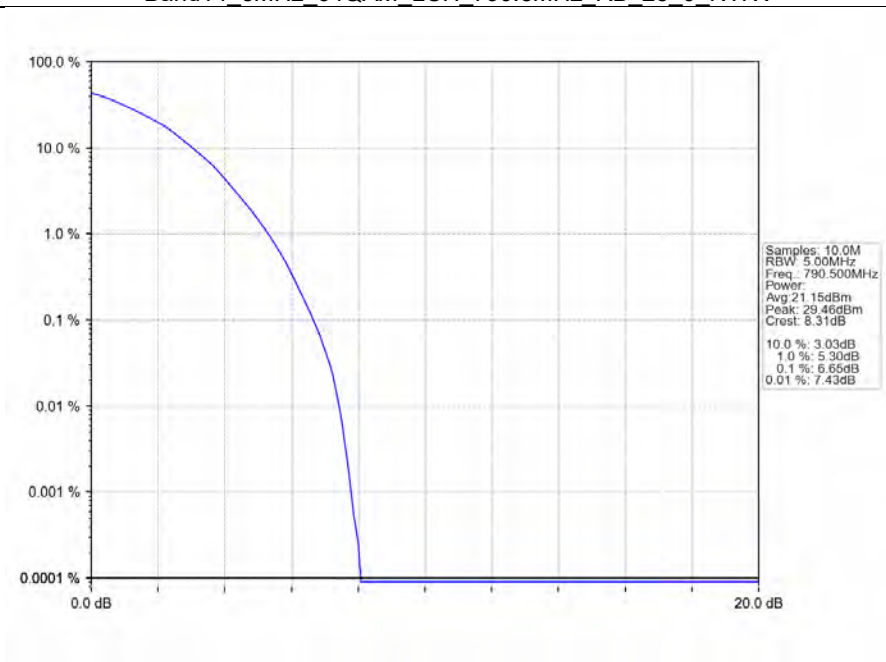
Band14_5MHz_64QAM_LCH_790.5MHz_RB_25_0_NTNV



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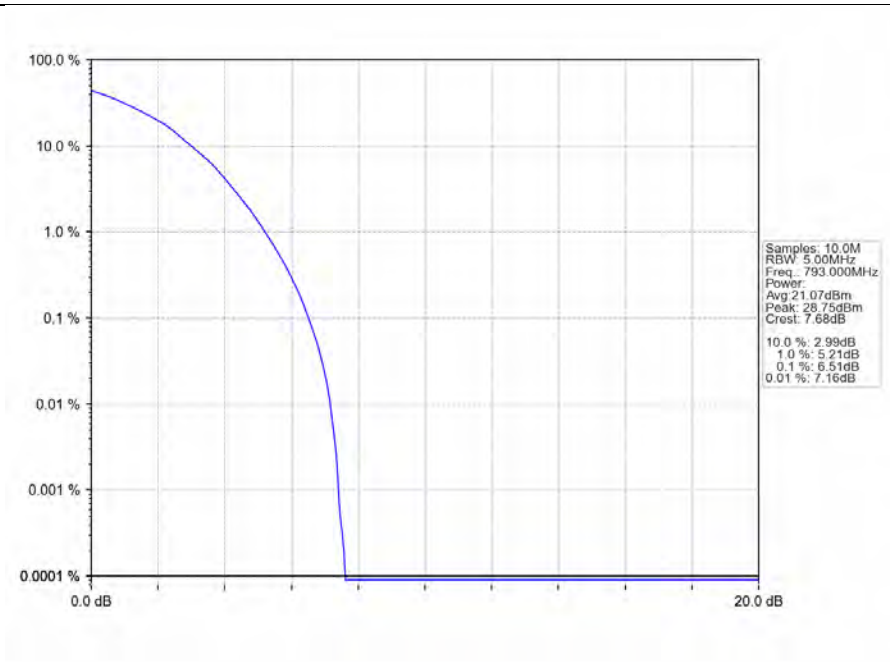

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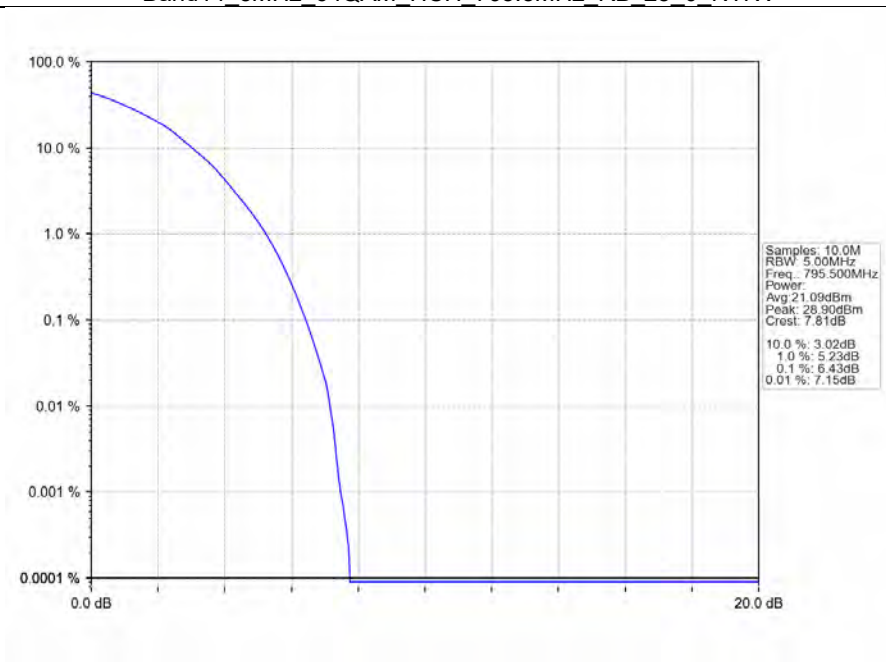

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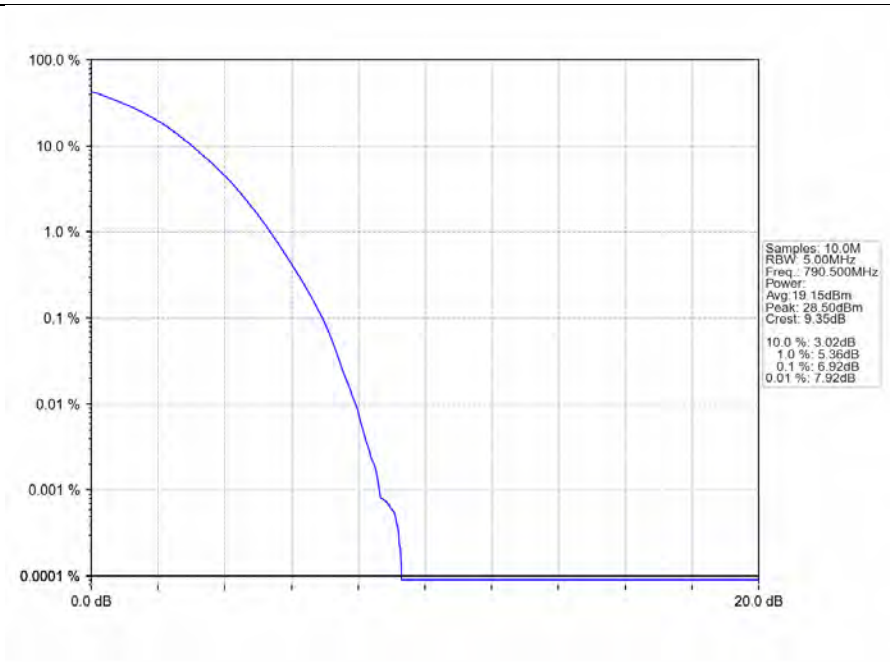

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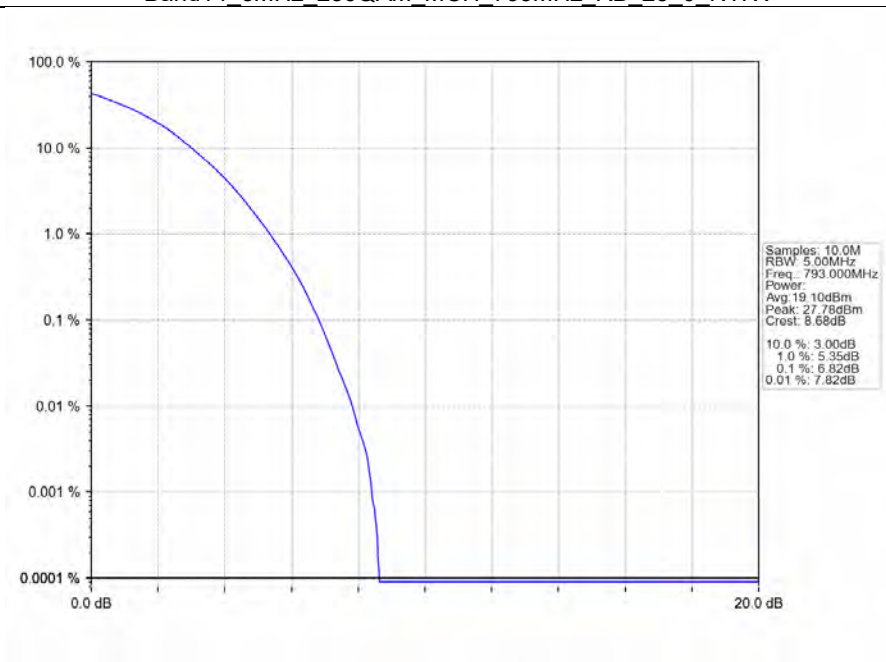

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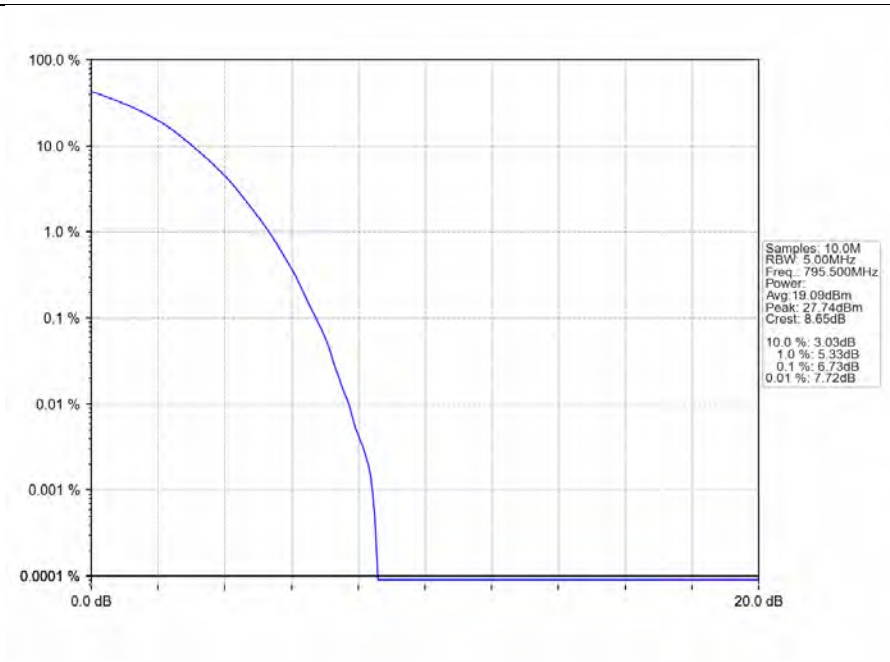

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4.2 B14_10MHz

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	4.94	<=13	Pass
16QAM	793	50	0	5.78	<=13	Pass
64QAM	793	50	0	6.49	<=13	Pass
256QAM	793	50	0	6.73	<=13	Pass

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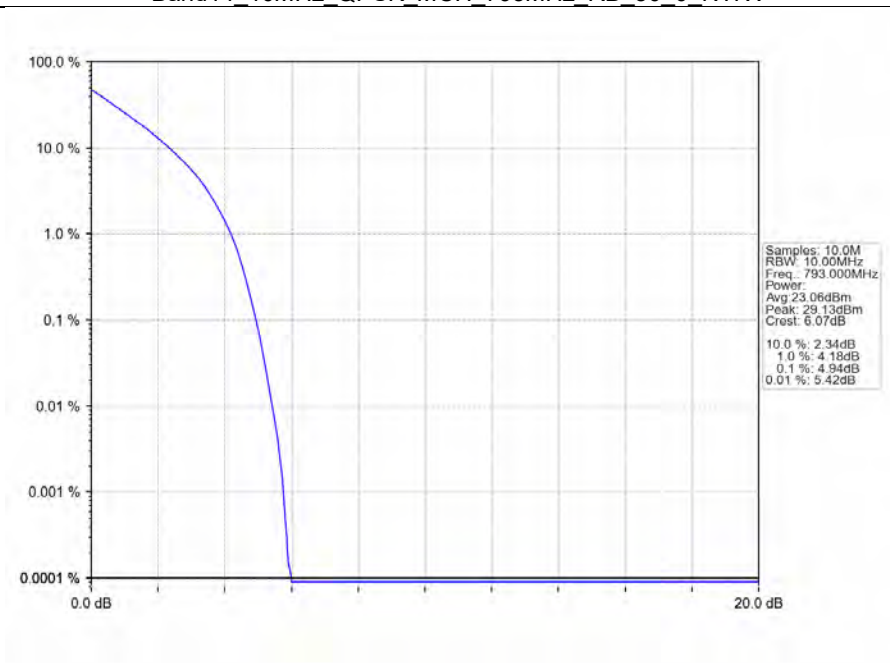
4.2.2 Test Graph

Band14_10MHz_QPSK_MCH_793MHz_RB_50_0_NTNV



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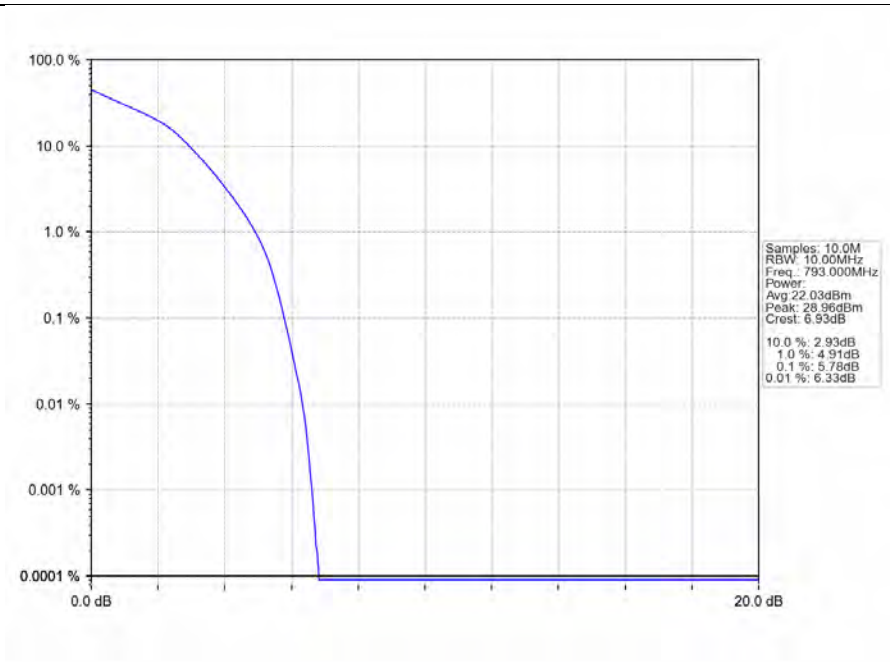

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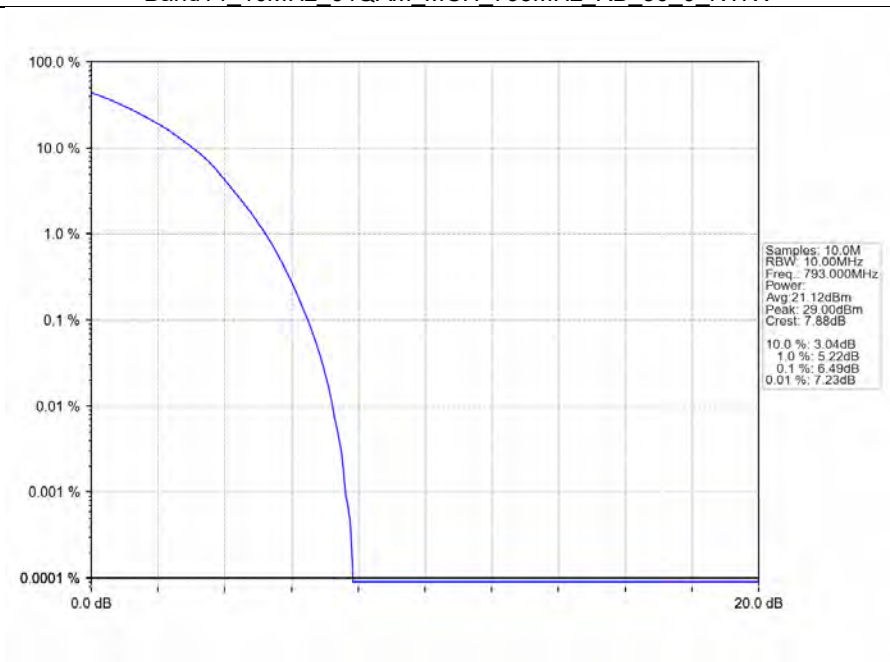

Band14_10MHz_256QAM_MCH_793MHz_RB_50_0_NTNV

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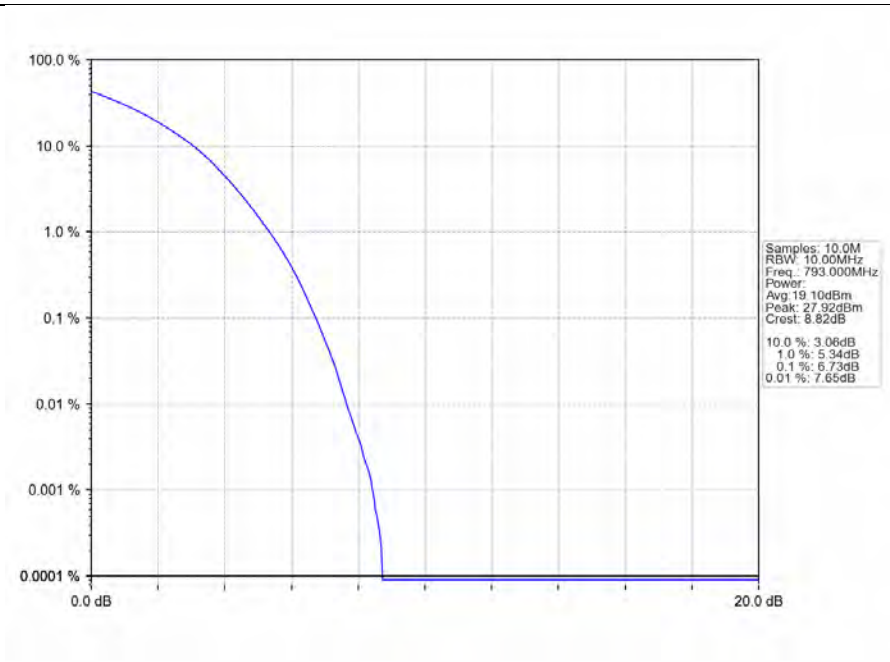

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5. Spurious Emission & Band Edges

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
64QAM	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
256QAM	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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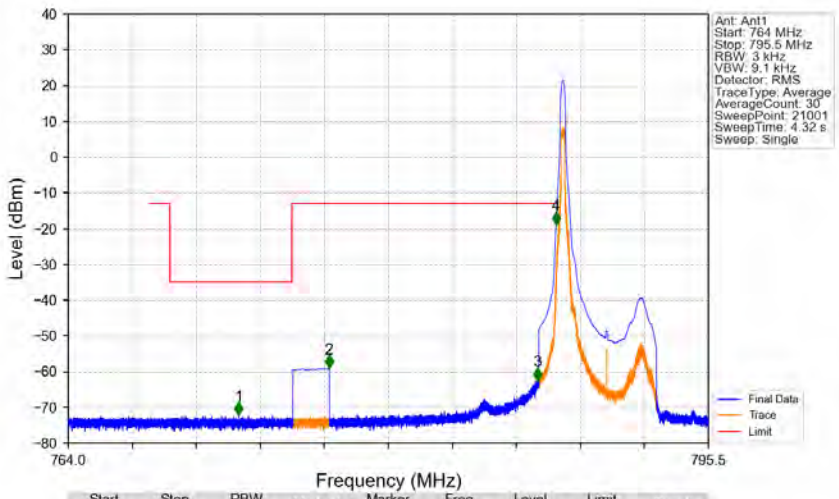
5.1.2 Test Graph

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	772.393	-72.21	-35	Pass
775	776.9	0.1	CHP	2	776.832	-59.06	-13	Pass
776.9	787.1	0.03	/	3	787.085	-62.54	-13	Pass
787.1	793	0.1	CHP	4	788.000	-18.96	-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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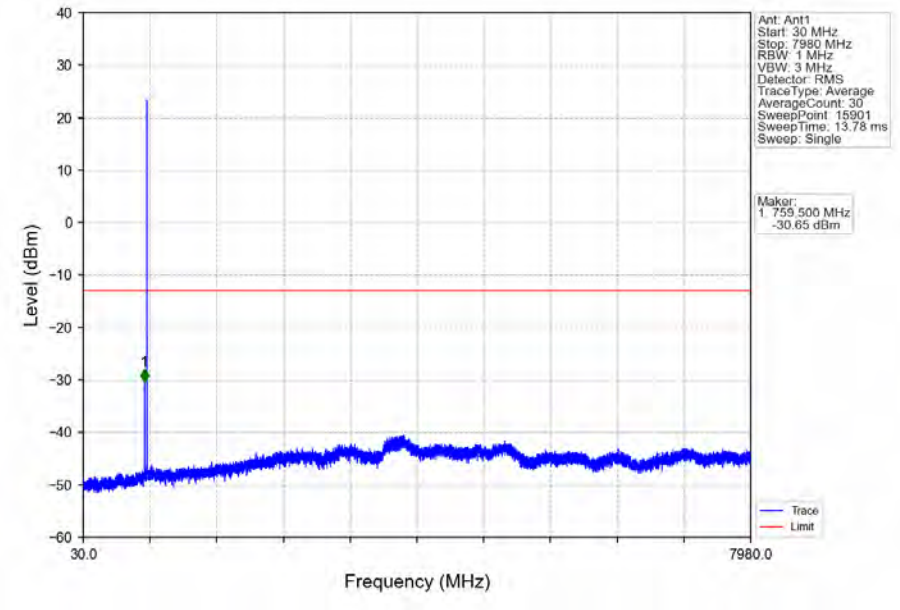

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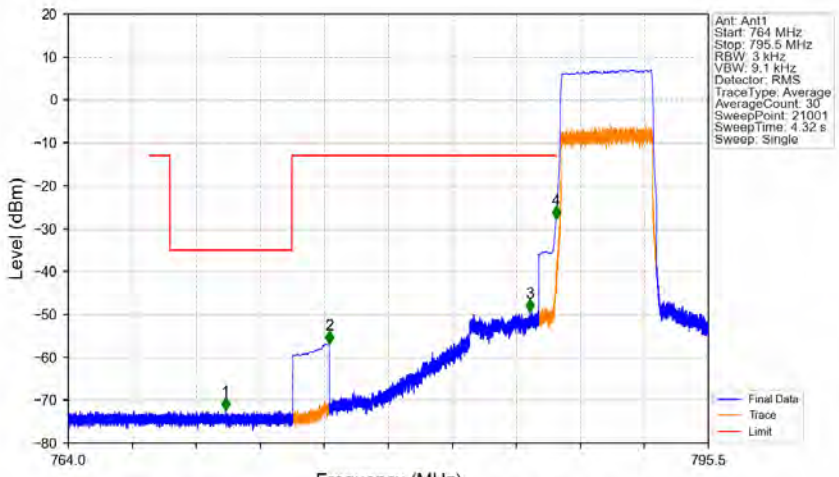
Band14_5MHz_QPSK_LCH_790.5MHz_RB_25_0_NTNV



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	771.734	-72.45	-35	Pass
775	776.9	0.1	CHP	2	776.849	-56.95	-13	Pass
776.9	787.1	0.03	/	3	786.728	-49.46	-13	Pass
787.1	793	0.1	CHP	4	788.000	-27.74	-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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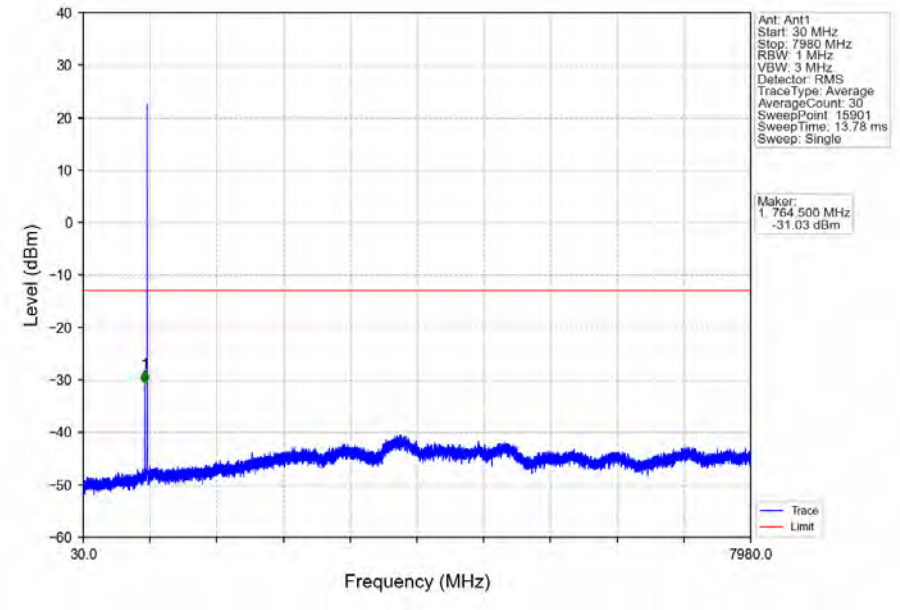

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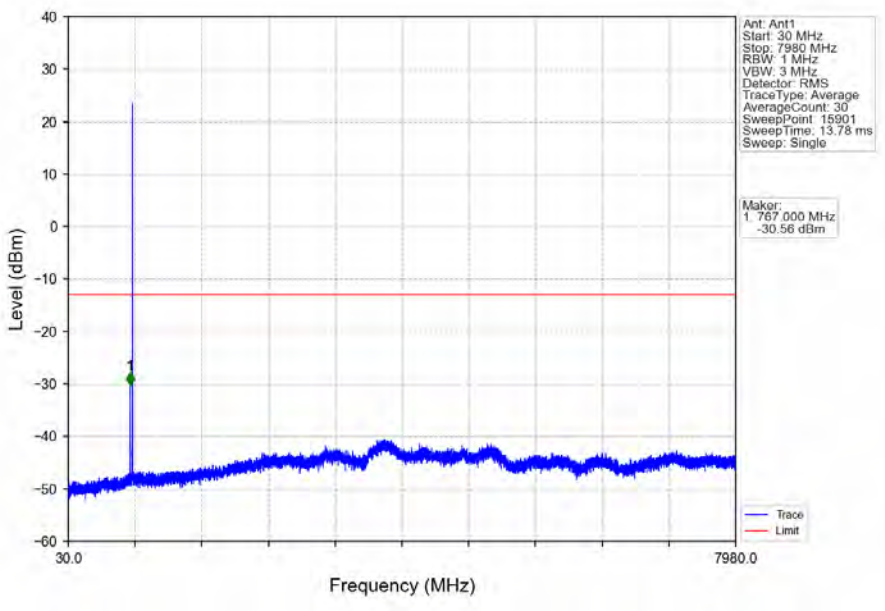
Band14_5MHz_QPSK_HCH_795.5MHz_RB_1_0_NTNV



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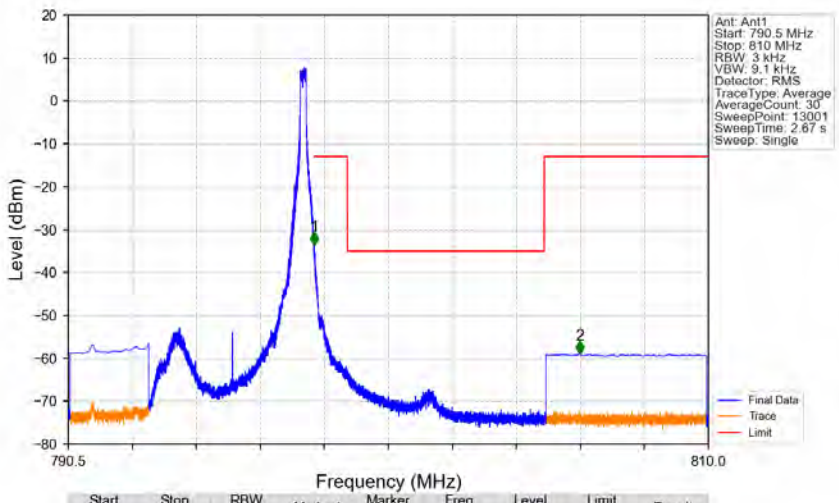

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
790.5	793	0.1	CHP	/	/	/	/	/
793	805	0.00625	/	/	/	/	/	/
805	805	0.00625	/	1	798.000	-33.65	-13	Pass
805	810	0.1	CHP	2	806.092	-58.99	-13	Pass

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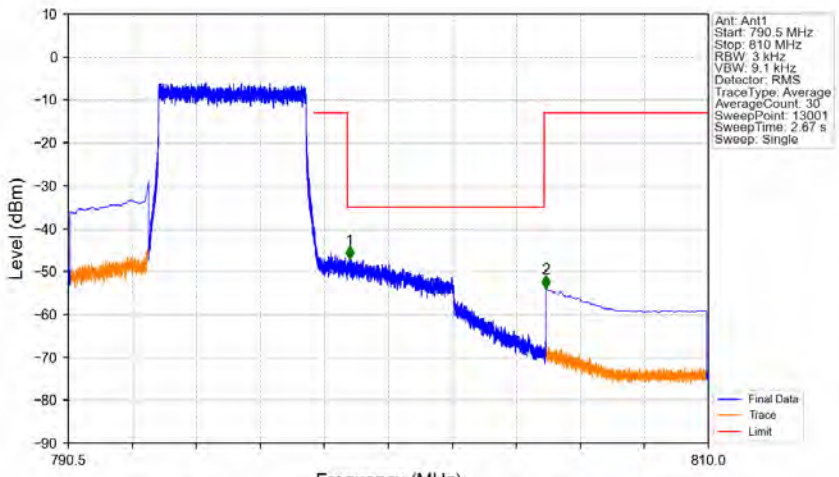
Band14_5MHz_QPSK_HCH_795.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
790.5	793	0.1	CHP	/	/	/	/	/
793	805	0.00625	/	/	/	/	/	/
805	805	0.00625	/	1	799.067	-47.15	-35	Pass
805	810	0.1	CHP	2	805.052	-53.94	-13	Pass

Band14_5MHz_16QAM_LCH_790.5MHz_RB_1_0_NTNV

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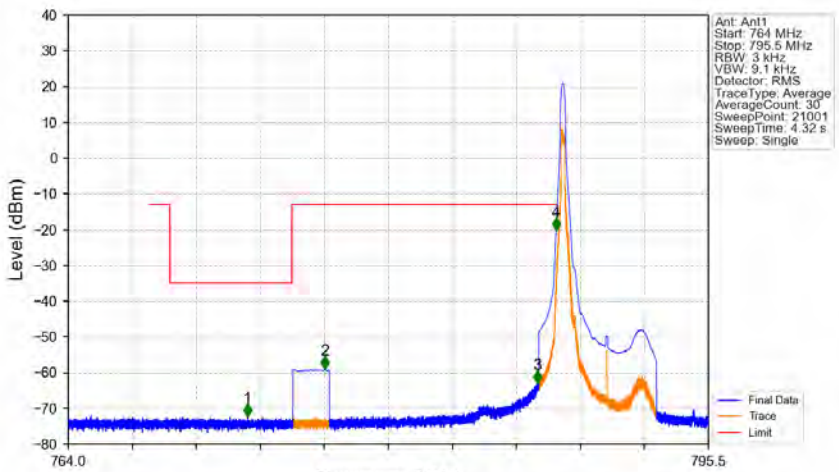

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	775	0.00625	/	/	/	/	/	/
775	775	0.00625	/	1	772.820	-72.46	-35	Pass
775	776.9	0.1	CHP	2	776.620	-59.14	-13	Pass
776.9	787.1	0.03	/	3	787.088	-63.11	-13	Pass
787.1	793	0.1	CHP	4	788.000	-20.41	-13	Pass
793	793	0.1	CHP	/	/	/	/	/
793	795.5	0.00625	/	/	/	/	/	/

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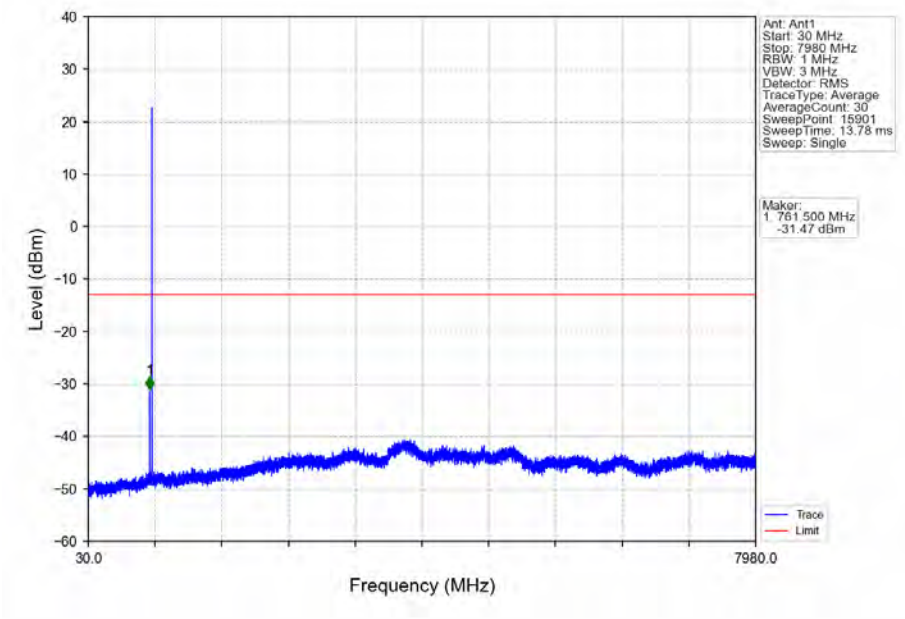
Band14_5MHz_16QAM_LCH_790.5MHz_RB_1_0_NTNV



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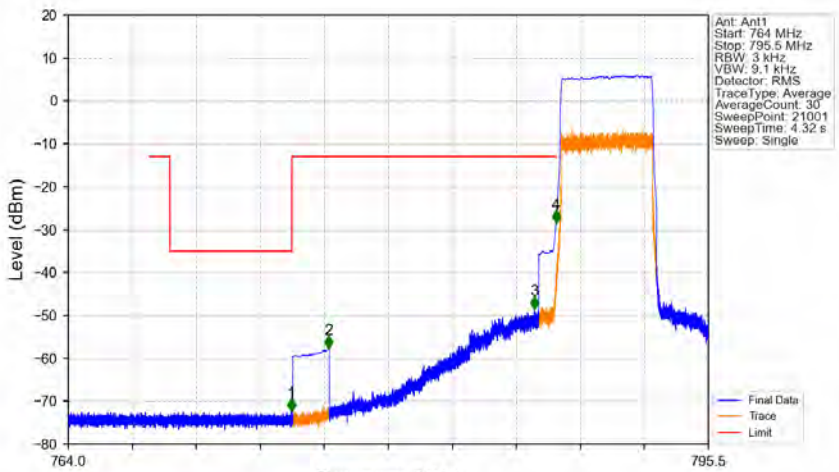

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	775	0.00625	/	/	/	/	/	/
775	775	0.00625	/	1	774.979	-72.42	-35	Pass
775	776.9	0.1	CHP	2	776.806	-57.78	-13	Pass
776.9	787.1	0.03	/	3	786.920	-48.65	-13	Pass
787.1	793	0.1	CHP	4	788.000	-28.50	-13	Pass
793	793	0.1	CHP	/	/	/	/	/
793	795.5	0.00625	/	/	/	/	/	/

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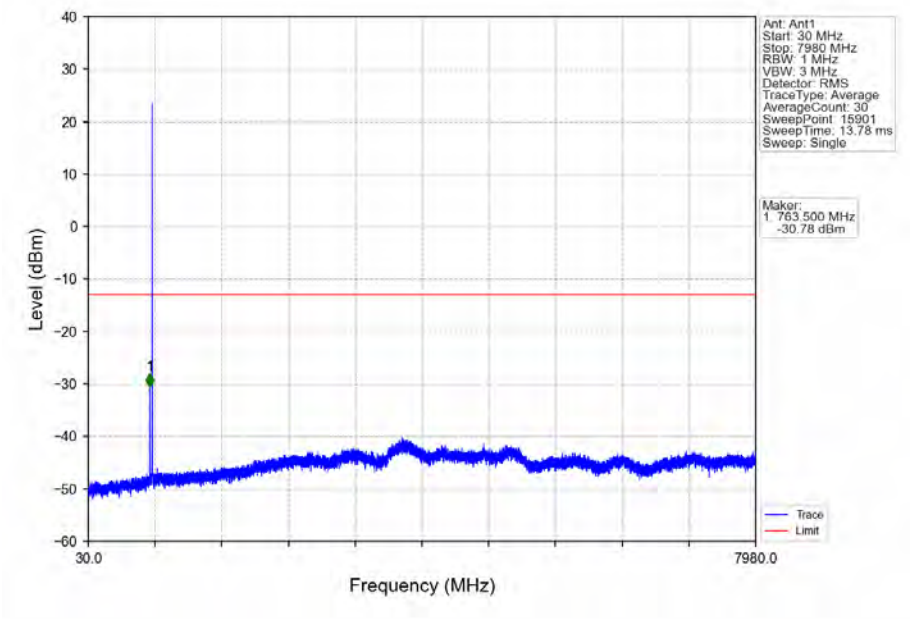
Band14_5MHz_16QAM_MCH_793MHz_RB_1_0_NTNV



Band14_5MHz_16QAM_HCH_795.5MHz_RB_1_0_NTNV

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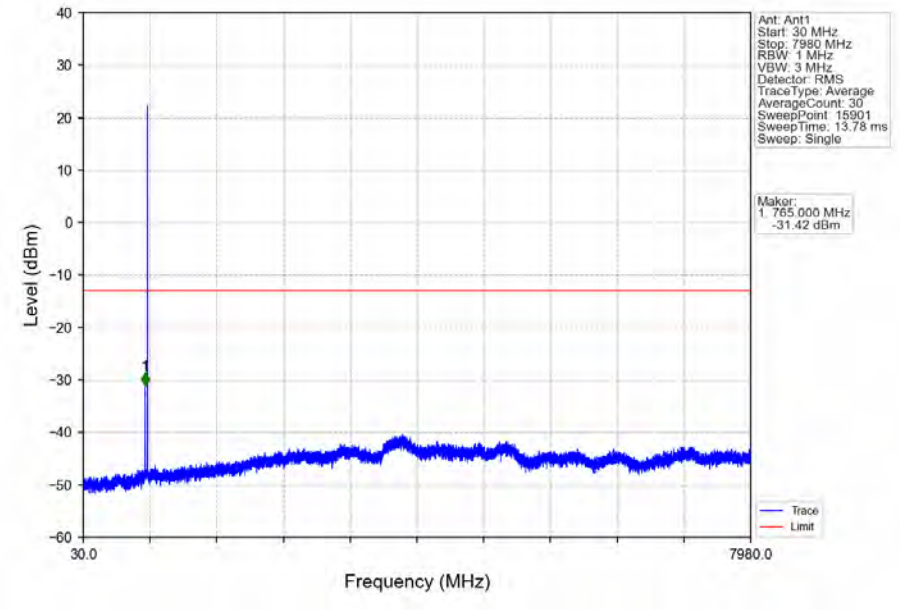

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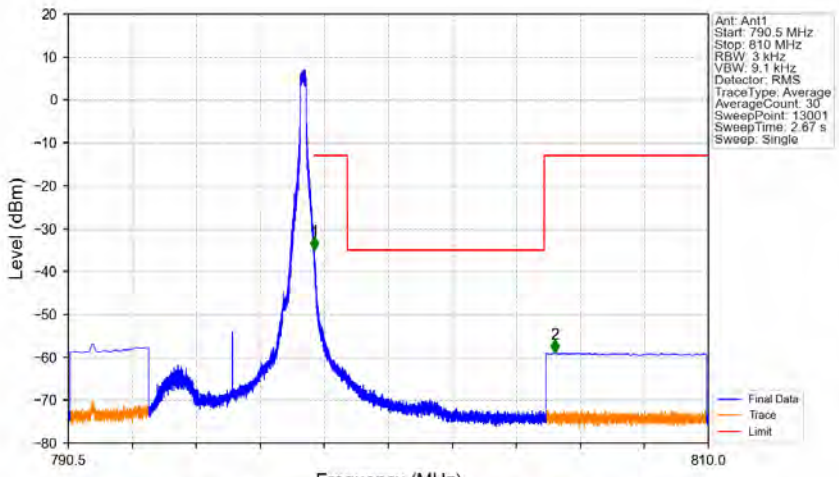
Band14_5MHz_16QAM_HCH_795.5MHz_RB_1_24_NTNV



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	798.000	-35.04	-13	Pass
805	810	0.1	CHP	2	805.318	-58.96	-13	Pass

Band14_5MHz_16QAM_HCH_795.5MHz_RB_25_0_NTNV

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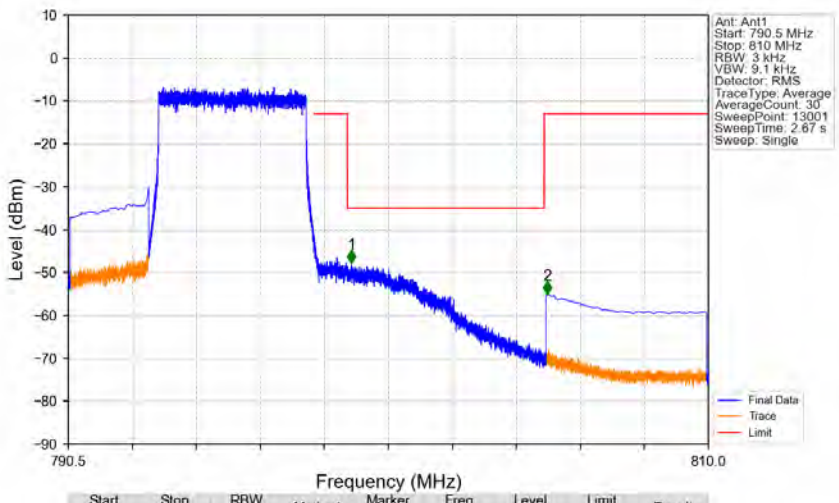

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
790.5	793	0.1	CHP	/	/	/	/	/
793	805	0.00625	/	/	/	/	/	/
805	805	0.00625	/	1	799.131	-47.87	-35	Pass
805	810	0.1	CHP	2	805.093	-55.15	-13	Pass

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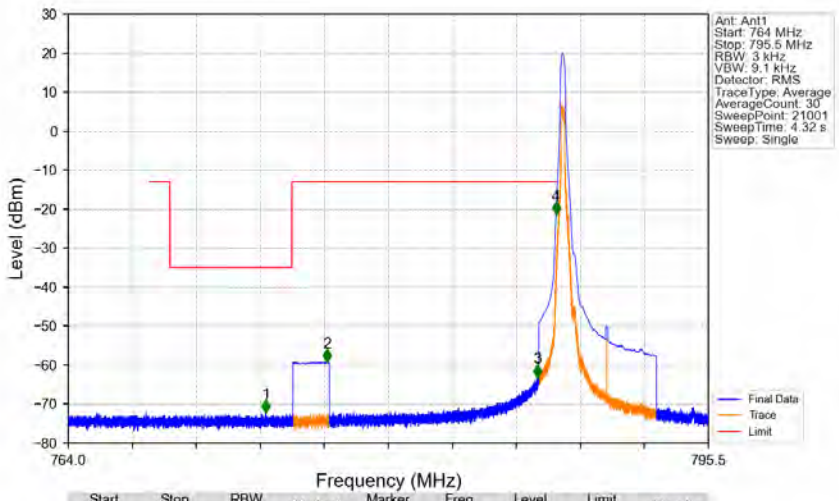
Band14_5MHz_64QAM_LCH_790.5MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	775	0.00625	/	/	/	/	/	/
775	775	0.00625	/	1	773.723	-72.22	-35	Pass
775	776.9	0.1	CHP	2	776.725	-59.26	-13	Pass
776.9	787.1	0.03	/	3	787.096	-63.25	-13	Pass
787.1	793	0.1	CHP	4	788.000	-21.49	-13	Pass
793	793	0.1	CHP	/	/	/	/	/
793	795.5	0.00625	/	/	/	/	/	/

Band14_5MHz_64QAM_LCH_790.5MHz_RB_1_0_NTNV

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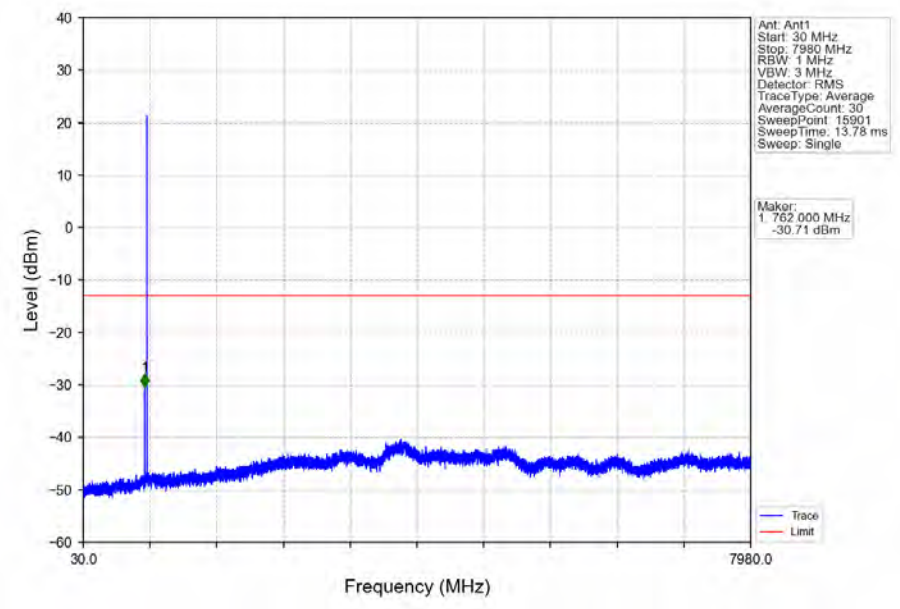

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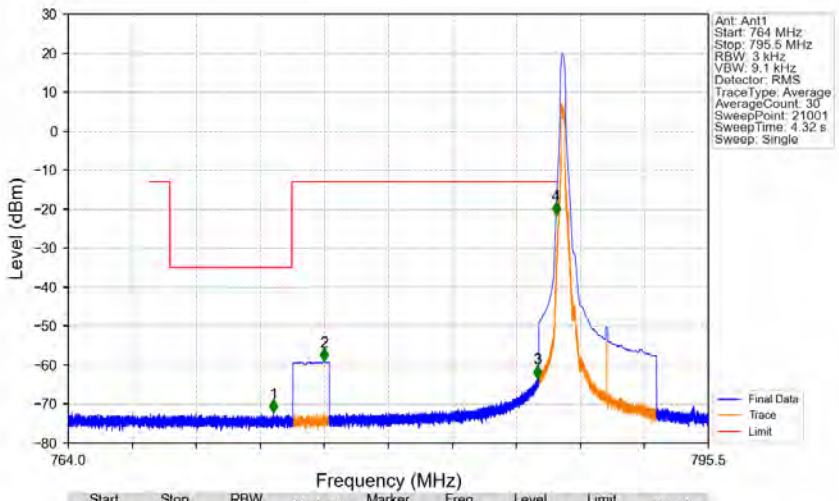
Band14_5MHz_64QAM_LCH_790.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	775	0.00625	/	/	/	/	/	/
775	775	0.00625	/	1	774.104	-72.33	-35	Pass
775	776.9	0.1	CHP	2	776.592	-59.09	-13	Pass
776.9	787.1	0.03	/	3	787.100	-63.43	-13	Pass
787.1	793	0.1	CHP	4	788.000	-21.52	-13	Pass
793	793	0.1	CHP	/	/	/	/	/
793	795.5	0.00625	/	/	/	/	/	/

Band14_5MHz_64QAM_MCH_793MHz_RB_1_0_NTNV

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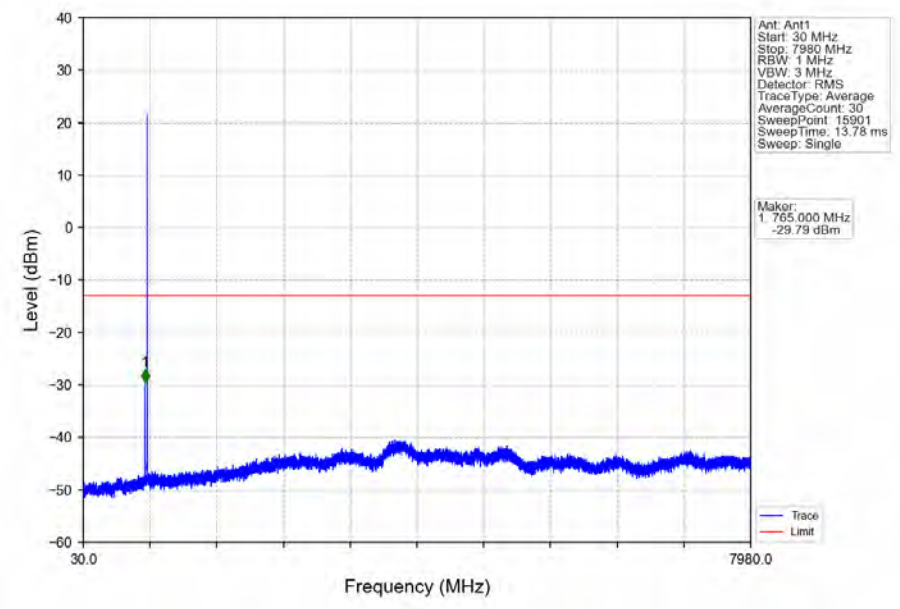

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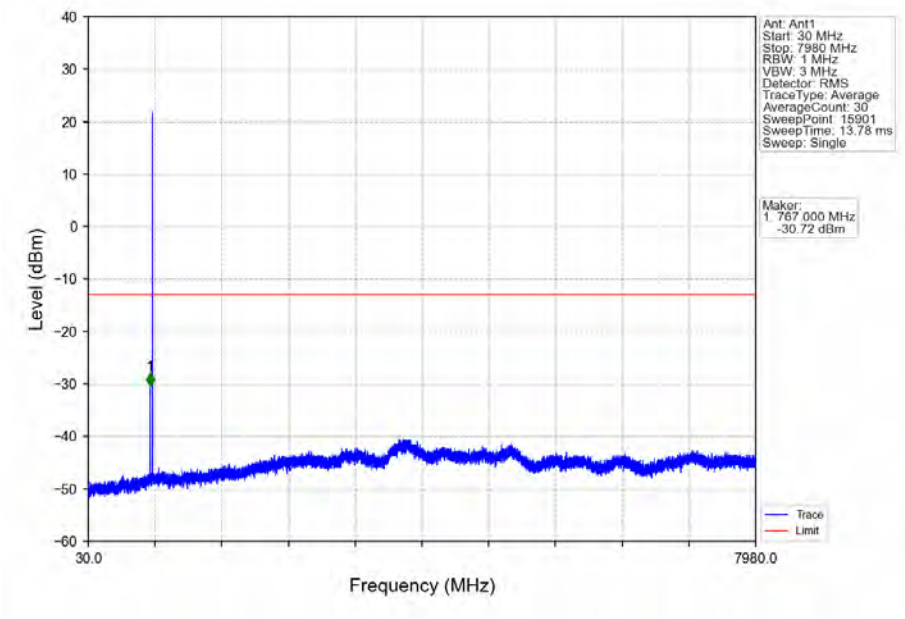
Band14_5MHz_64QAM_HCH_795.5MHz_RB_1_0_NTNV



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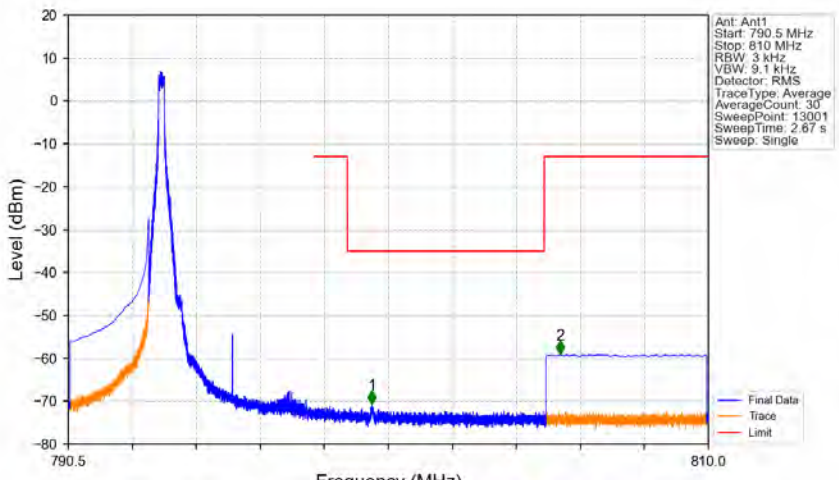

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
790.5	793	0.1	CHP	/	/	/	/	/
793	805	0.00625	/	/	/	/	/	/
805	805	0.00625	/	1	799.752	-70.66	-35	Pass
805	810	0.1	CHP	2	805.486	-59.07	-13	Pass

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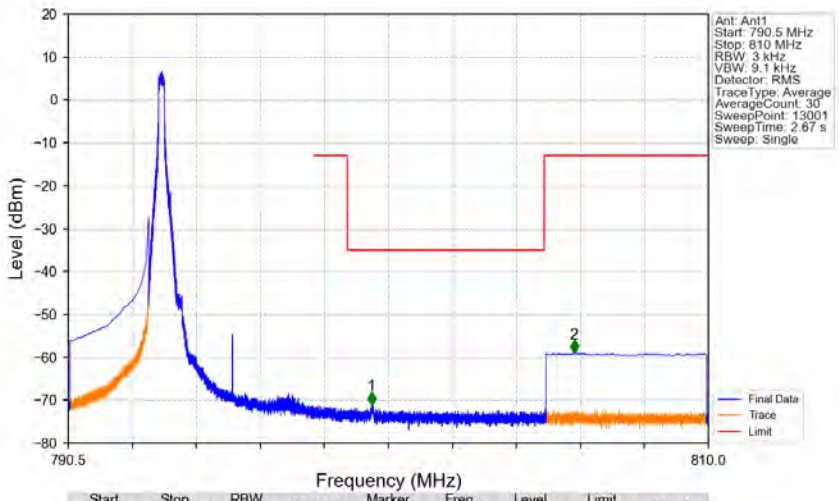

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
790.5	793	0.1	CHP	/	/	/	/	/
793	805	0.00625	/	/	/	/	/	/
805	805	0.00625	/	1	799.737	-71.12	-35	Pass
805	810	0.1	CHP	2	805.913	-59.09	-13	Pass

Band14_5MHz_256QAM_LCH_790.5MHz_RB_1_0_NTNV

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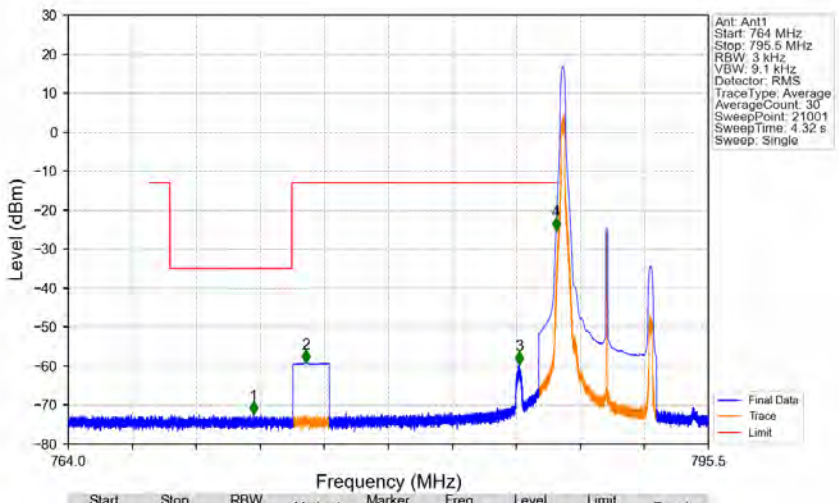

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	775	0.00625	/	/	/	/	/	/
775	775	0.00625	/	1	773.114	-72.42	-35	Pass
775	776.9	0.1	CHP	2	775.682	-59.24	-13	Pass
776.9	787.1	0.03	/	3	786.192	-59.66	-13	Pass
787.1	793	0.1	CHP	4	788.000	-25.19	-13	Pass
793	793	0.1	CHP	/	/	/	/	/
793	795.5	0.00625	/	/	/	/	/	/

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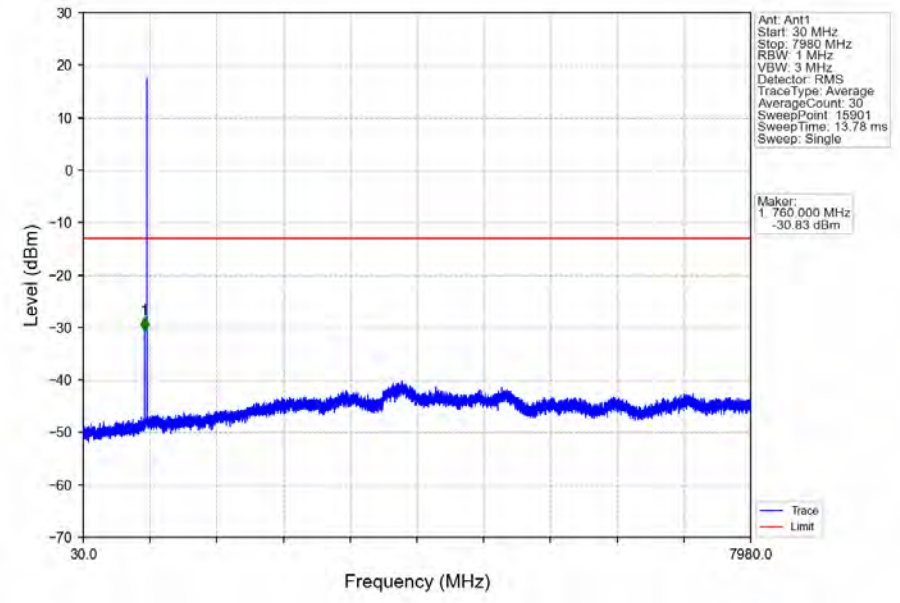

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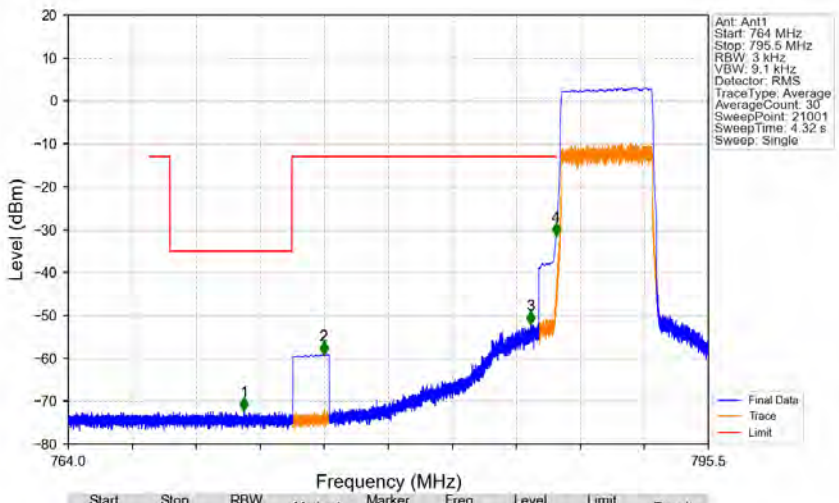

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	775	0.00625	/	/	/	/	/	/
775	775	0.00625	/	1	772.649	-72.19	-35	Pass
775	776.9	0.1	CHP	2	776.572	-59.14	-13	Pass
776.9	787.1	0.03	/	3	786.760	-52.14	-13	Pass
787.1	793	0.1	CHP	4	788.000	-31.48	-13	Pass
793	793	0.1	CHP	/	/	/	/	/
793	795.5	0.00625	/	/	/	/	/	/

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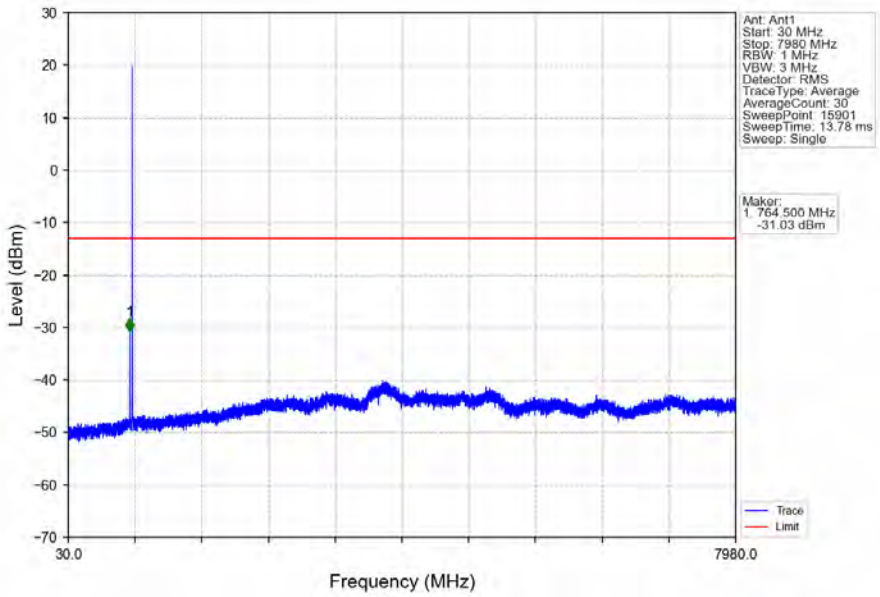
Band14_5MHz_256QAM_MCH_793MHz_RB_1_0_NTNV



Band14_5MHz_256QAM_HCH_795.5MHz_RB_1_0_NTNV

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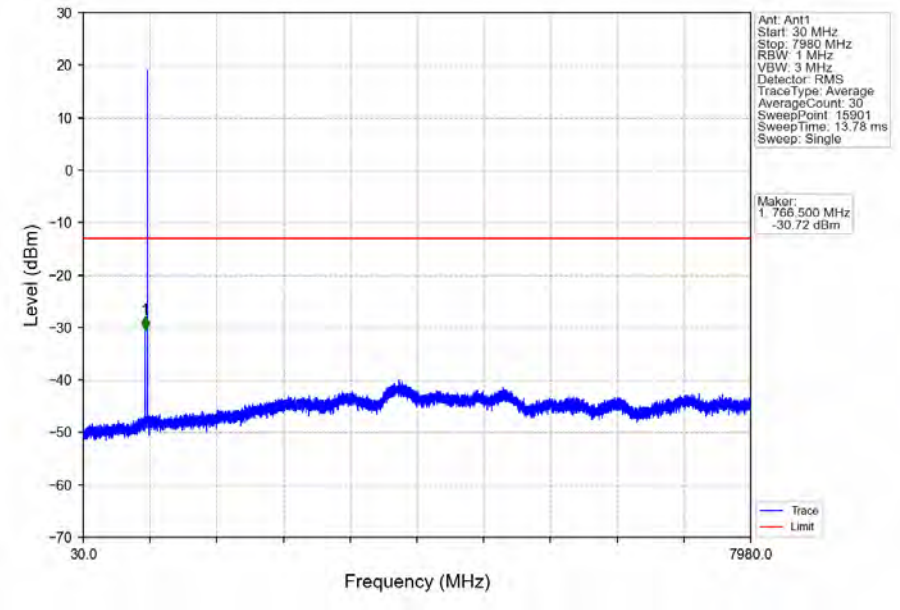

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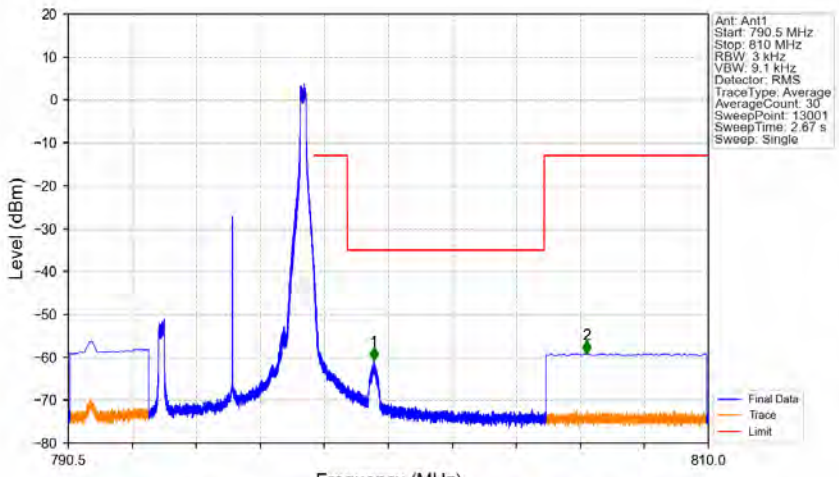
Band14_5MHz_256QAM_HCH_795.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
790.5	793	0.1	CHP	/	/	/	/	/
793	805	0.00625	/	/	/	/	/	/
805	805	0.00625	/	1	799.803	-60.73	-35	Pass
805	810	0.1	CHP	2	806.286	-59.14	-13	Pass

Band14_5MHz_256QAM_HCH_795.5MHz_RB_25_0_NTNV

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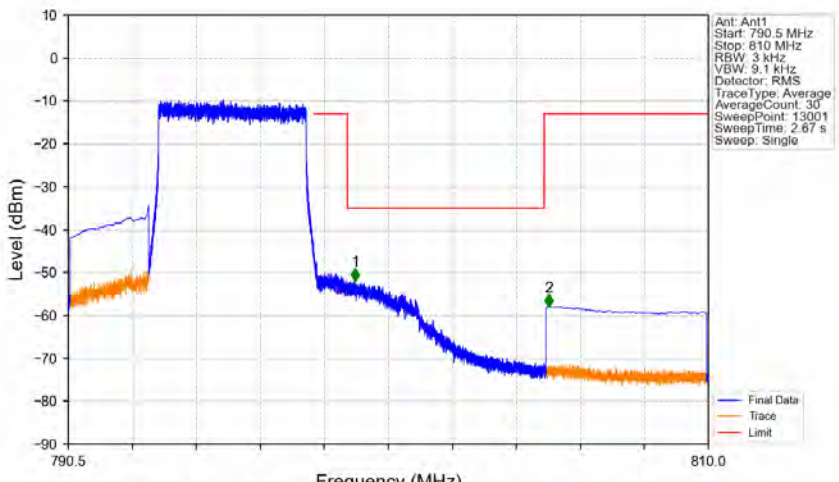

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
790.5	793	0.1	CHP	/	/	/	/	/
793	805	0.00625	/	/	/	/	/	/
805	805	0.00625	/	1	799.244	-52.00	-35	Pass
805	810	0.1	CHP	2	805.143	-57.99	-13	Pass

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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
		50	0	Refer To Test Graph		Pass
	793	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	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
		50	0	Refer To Test Graph		Pass
	793	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	793	1	0	Refer To Test Graph		Pass
			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	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	793	1	0	Refer To Test Graph		Pass
			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	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	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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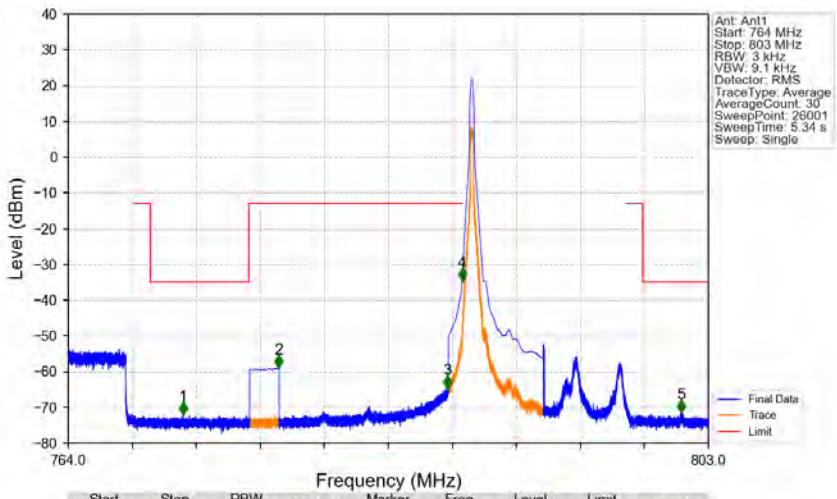
5.2.2 Test Graph

Band14_10MHz_QPSK_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	/	/	/	/	/	/
775	775	0.00625	/	1	770.993	-72.22	-35	Pass
775	776.9	0.1	CHP	2	776.812	-59.09	-13	Pass
776.9	787.1	0.03	/	3	787.094	-64.86	-13	Pass
787.1	793	0.1	CHP	4	788.000	-34.71	-13	Pass
793	793	0.1	CHP	/	/	/	/	/
793	803	0.00625	/	/	/	/	/	/
803	803	0.00625	/	5	801.337	-71.58	-35	Pass

Band14_10MHz_QPSK_LCH_793MHz_RB_1_0_NTNV

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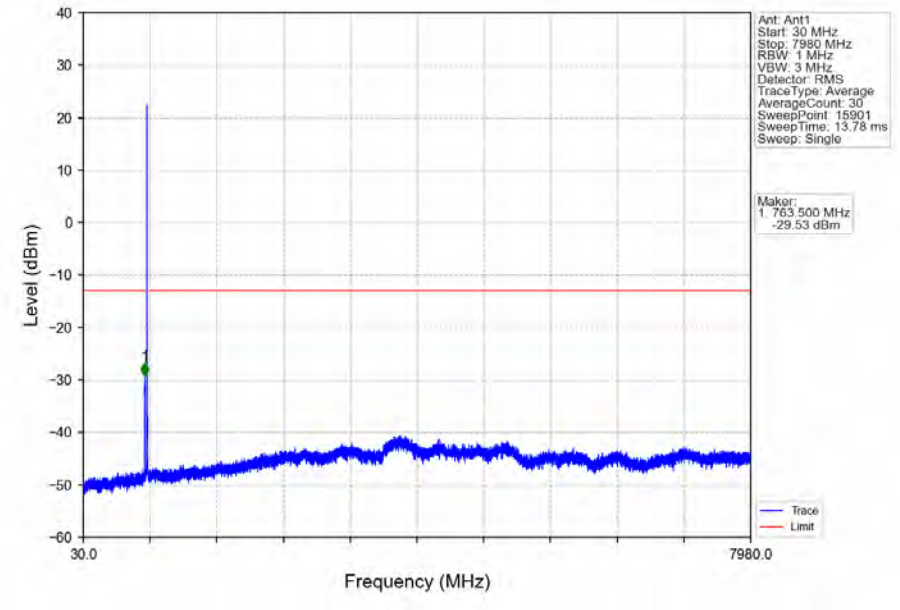

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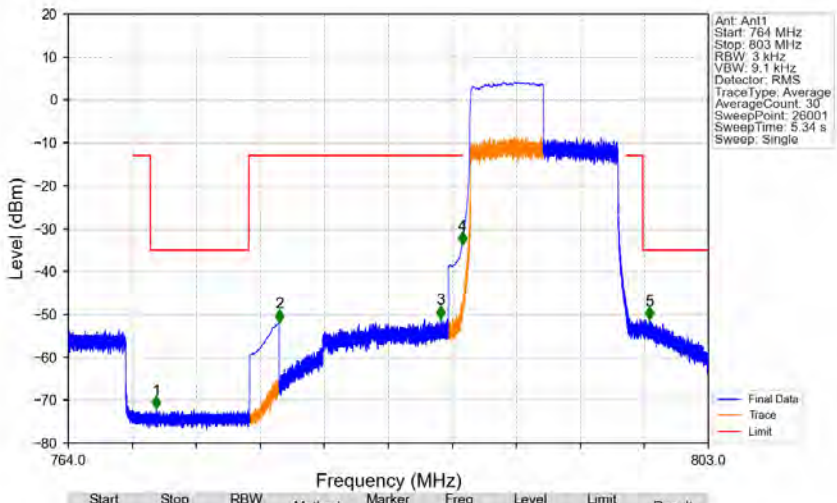

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	775	0.00625	/	/	/	/	/	/
775	775	0.00625	/	1	769.369	-72.02	-35	Pass
775	776.9	0.1	CHP	2	776.849	-51.88	-13	Pass
776.9	787.1	0.03	/	3	786.693	-51.01	-13	Pass
787.1	793	0.1	CHP	4	788.000	-33.75	-13	Pass
793	793	0.1	CHP	/	/	/	/	/
793	803	0.00625	/	/	/	/	/	/
803	803	0.00625	/	5	799.397	-51.21	-35	Pass

Band14_10MHz_QPSK_MCH_793MHz_RB_1_0_NTNV

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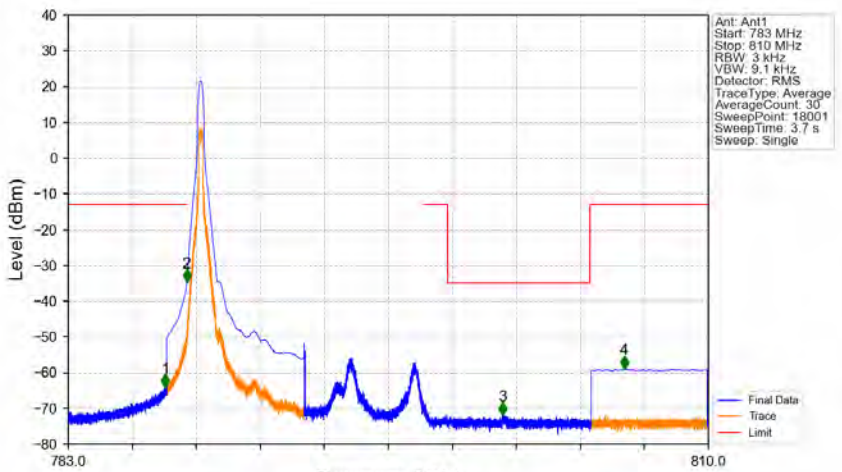

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
783	787.1	0.03	/	1	787.089	-64.21	-13	Pass
787.1	793	0.1	CHP	2	788.000	-34.70	-13	Pass
793	793	0.1	CHP	/	/	/	/	/
793	805	0.00625	/	/	/	/	/	/
805	805	0.00625	/	3	801.308	-72.04	-35	Pass
805	810	0.1	CHP	4	806.458	-58.95	-13	Pass

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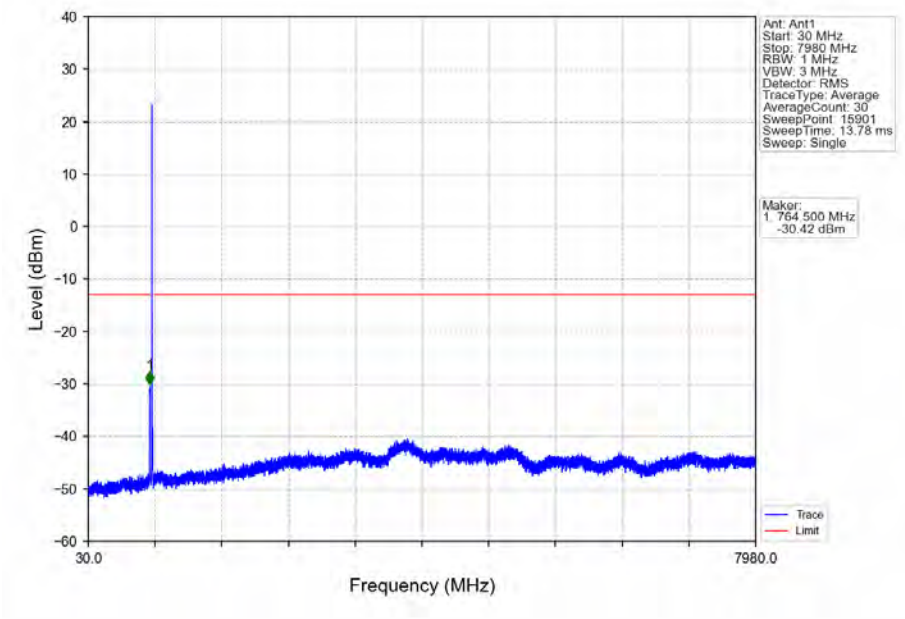

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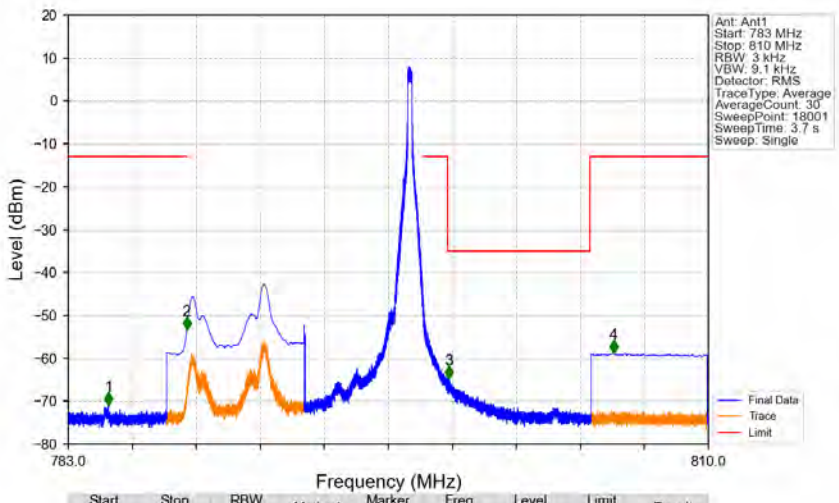

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
783	787.1	0.03	/	1	784.693	-71.01	-13	Pass
787.1	793	0.1	CHP	2	788.000	-53.35	-13	Pass
793	793	0.1	CHP	/	/	/	/	/
793	805	0.00625	/	/	/	/	/	/
805	805	0.00625	/	3	799.054	-64.85	-35	Pass
805	810	0.1	CHP	4	806.010	-58.87	-13	Pass

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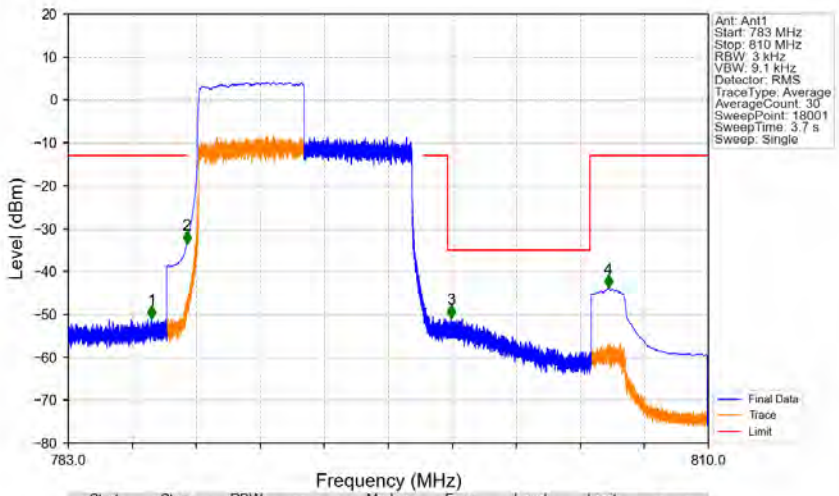

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
783	787.1	0.03	/	1	786.516	-51.14	-13	Pass
787.1	793	0.1	CHP	2	788.000	-33.60	-13	Pass
793	793	0.1	CHP	/	/	/	/	/
793	805	0.00625	/	/	/	/	/	/
805	805	0.00625	/	3	799.137	-50.85	-35	Pass
805	810	0.1	CHP	4	805.779	-43.92	-13	Pass

Band14_10MHz_QPSK_HCH_793MHz_RB_1_0_NTNV

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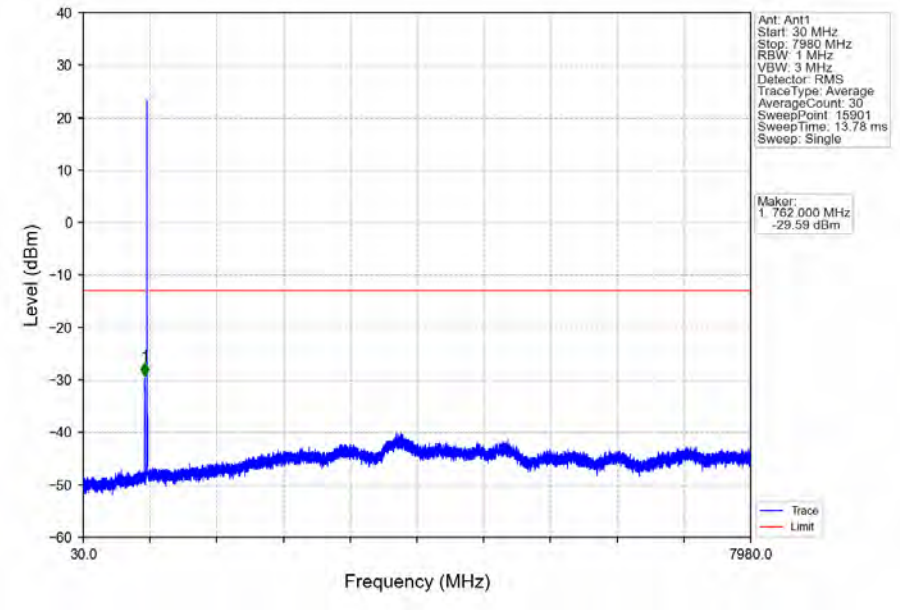

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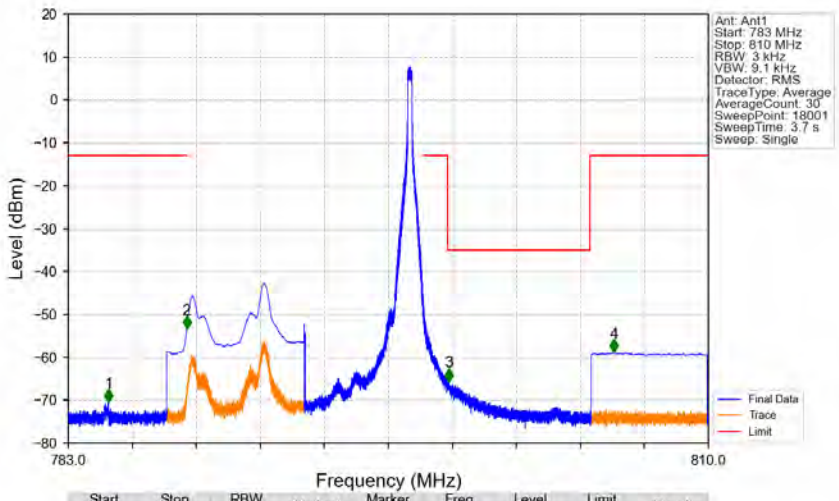

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
783	787.1	0.03	/	1	784.693	-70.43	-13	Pass
787.1	793	0.1	CHP	2	788.000	-53.34	-13	Pass
793	793	0.1	CHP	/	/	/	/	/
793	805	0.00625	/	/	/	/	/	/
805	805	0.00625	/	3	799.043	-65.65	-35	Pass
805	810	0.1	CHP	4	806.025	-58.87	-13	Pass

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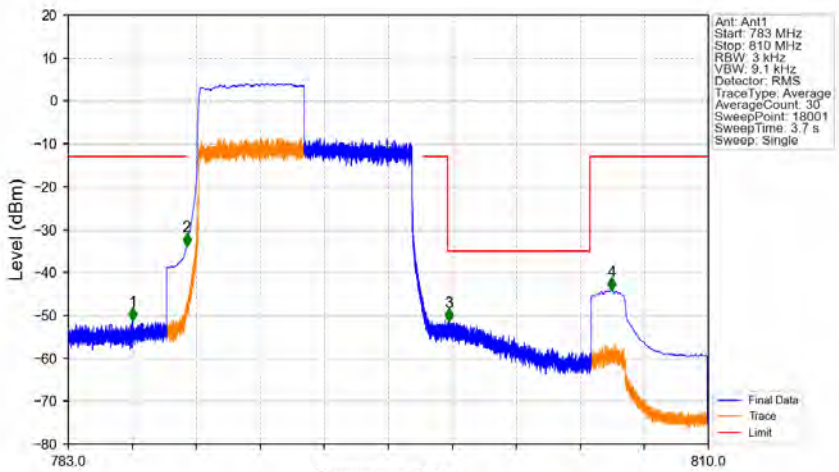

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
783	787.1	0.03	/	1	785.715	-51.33	-13	Pass
787.1	793	0.1	CHP	2	787.995	-33.88	-13	Pass
793	793	0.1	CHP	/	/	/	/	/
793	805	0.00625	/	/	/	/	/	/
805	805	0.00625	/	3	799.068	-51.43	-35	Pass
805	810	0.1	CHP	4	805.917	-44.15	-13	Pass

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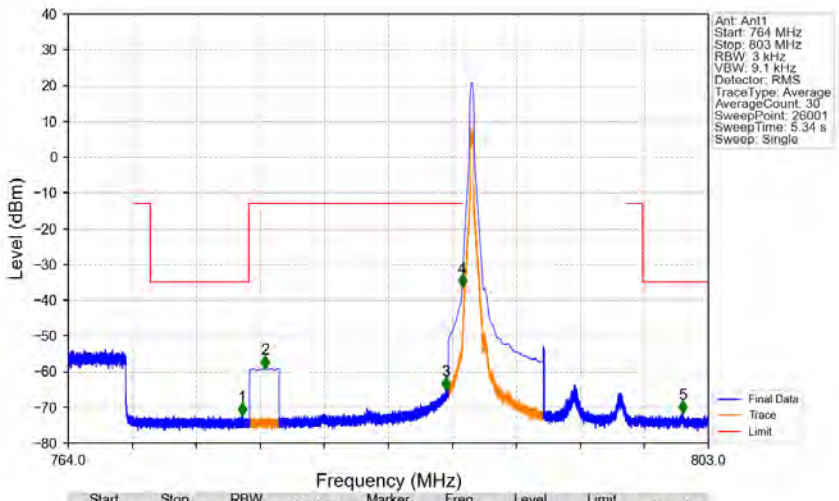

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	775	0.00625	/	/	/	/	/	/
775	775	0.00625	/	1	774.602	-72.38	-35	Pass
775	776.9	0.1	CHP	2	775.992	-59.17	-13	Pass
776.9	787.1	0.03	/	3	787.009	-65.24	-13	Pass
787.1	793	0.1	CHP	4	788.000	-36.35	-13	Pass
793	793	0.1	CHP	/	/	/	/	/
793	803	0.00625	/	/	/	/	/	/
803	803	0.00625	/	5	801.419	-71.79	-35	Pass

Band14_10MHz_16QAM_LCH_793MHz_RB_1_0_NTNV

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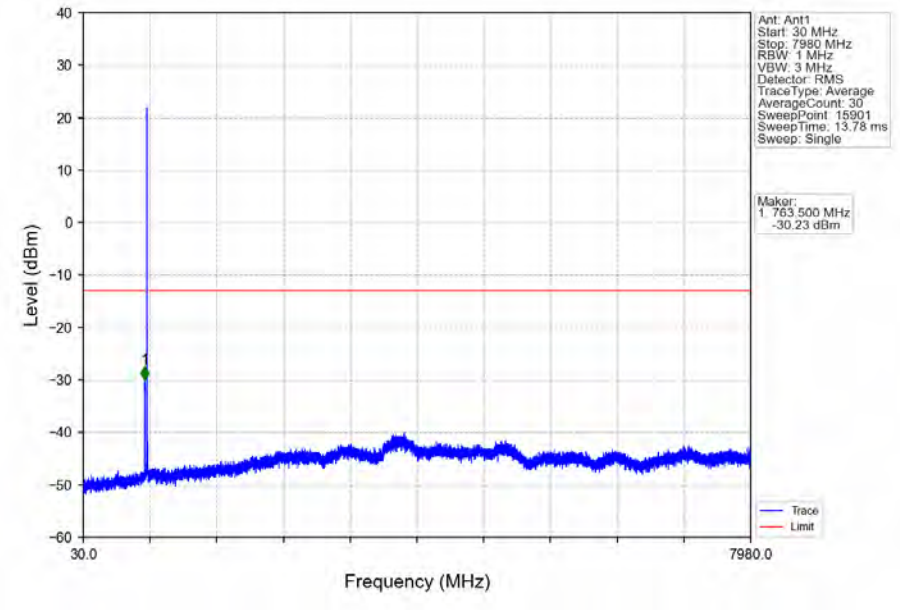

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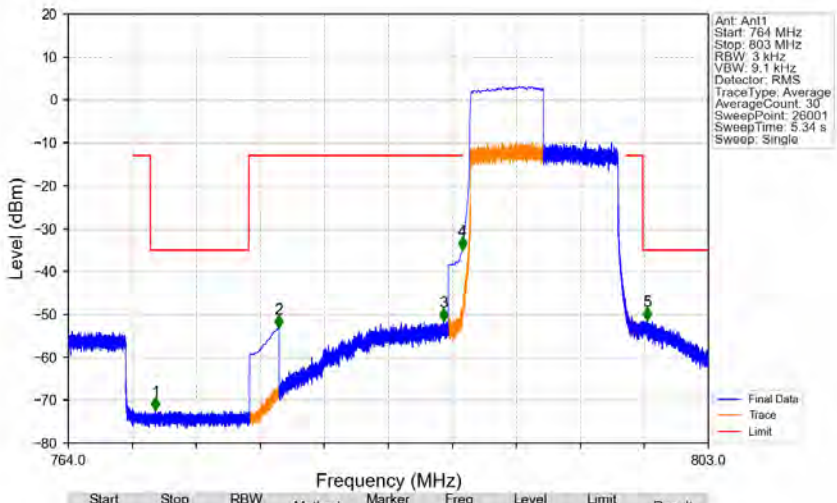

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	775	0.00625	/	/	/	/	/	/
775	775	0.00625	/	1	769.307	-72.37	-35	Pass
775	776.9	0.1	CHP	2	776.834	-53.18	-13	Pass
776.9	787.1	0.03	/	3	786.870	-51.65	-13	Pass
787.1	793	0.1	CHP	4	788.000	-35.04	-13	Pass
793	793	0.1	CHP	/	/	/	/	/
793	803	0.00625	/	/	/	/	/	/
803	803	0.00625	/	5	799.262	-51.48	-35	Pass

Band14_10MHz_16QAM_MCH_793MHz_RB_1_0_NTNV

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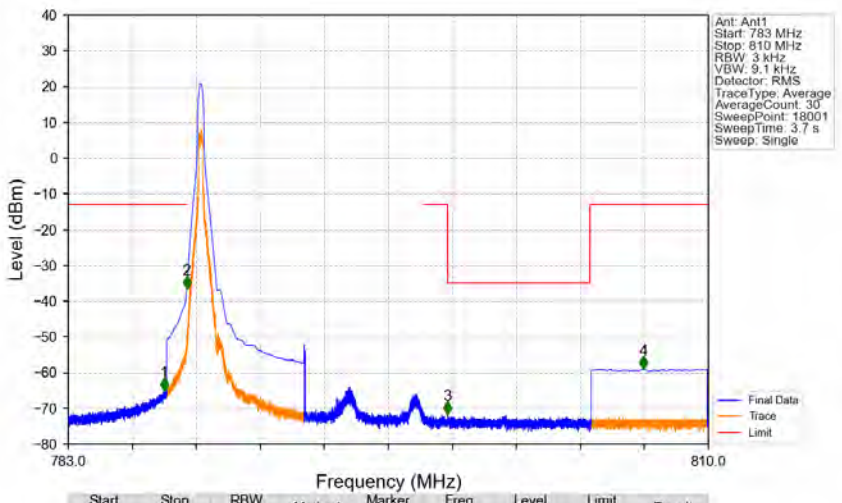

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
783	787.1	0.03	/	1	787.052	-65.23	-13	Pass
787.1	793	0.1	CHP	2	788.000	-36.59	-13	Pass
793	793	0.1	CHP	/	/	/	/	/
793	805	0.00625	/	/	/	/	/	/
805	805	0.00625	/	3	799.004	-71.82	-35	Pass
805	810	0.1	CHP	4	807.265	-59.07	-13	Pass

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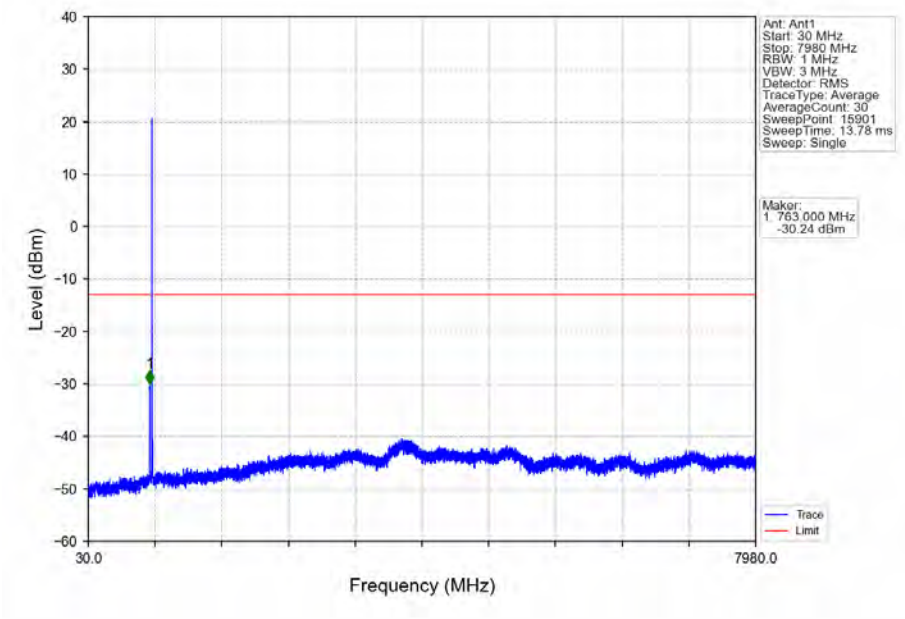
Band14_10MHz_16QAM_MCH_793MHz_RB_1_0_NTNV



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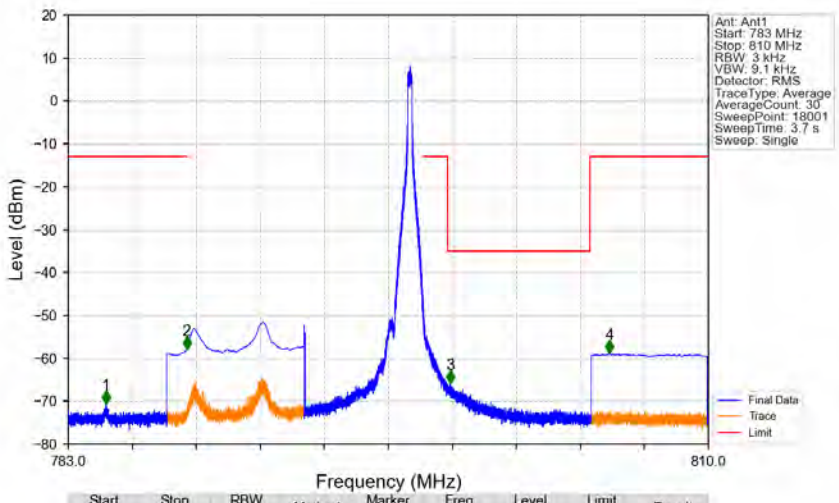

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
783	787.1	0.03	/	1	784.597	-70.68	-13	Pass
787.1	793	0.1	CHP	2	788.000	-57.90	-13	Pass
793	793	0.1	CHP	/	/	/	/	/
793	805	0.00625	/	/	/	/	/	/
805	805	0.00625	/	3	799.116	-65.91	-35	Pass
805	810	0.1	CHP	4	805.824	-58.91	-13	Pass

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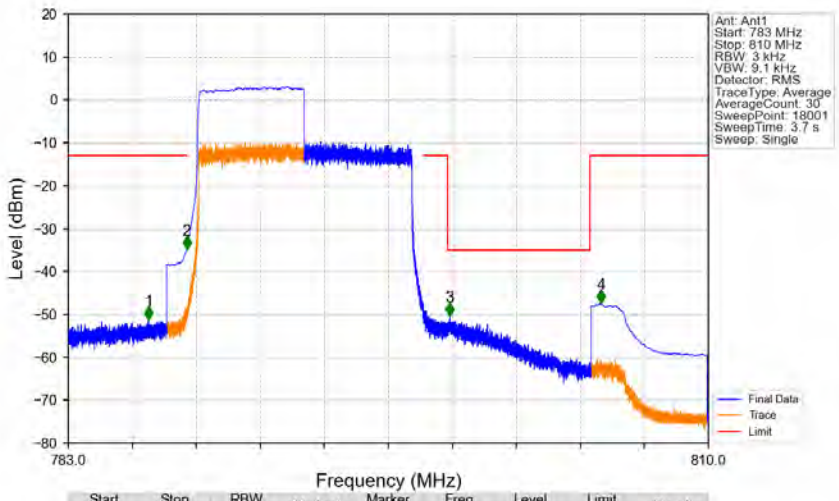
Band14_10MHz_16QAM_MCH_793MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
783	787.1	0.03	/	1	786.391	-51.31	-13	Pass
787.1	793	0.1	CHP	2	788.000	-34.83	-13	Pass
793	793	0.1	CHP	/	/	/	/	/
793	805	0.00625	/	/	/	/	/	/
805	805	0.00625	/	3	799.100	-50.32	-35	Pass
805	810	0.1	CHP	4	805.477	-47.43	-13	Pass

Band14_10MHz_16QAM_HCH_793MHz_RB_1_0_NTNV

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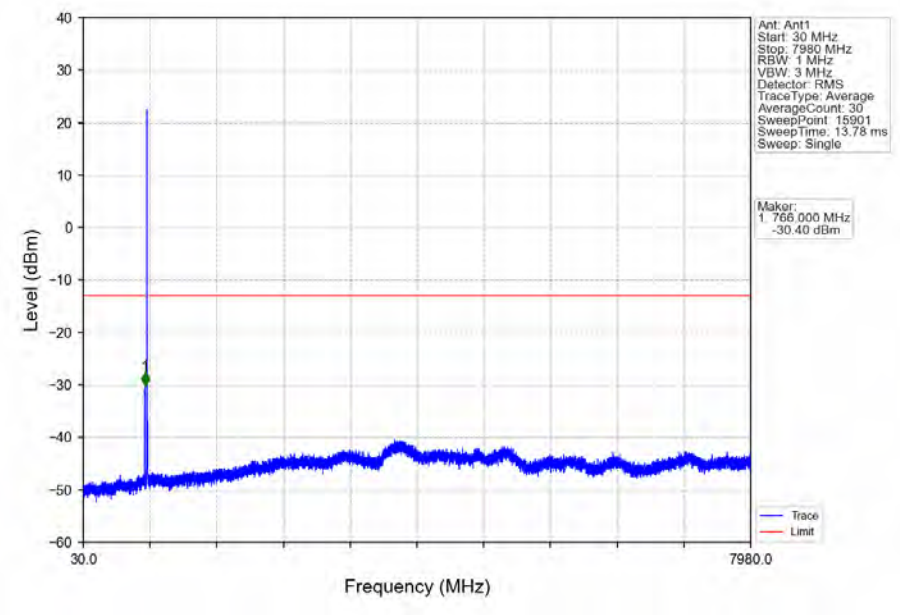

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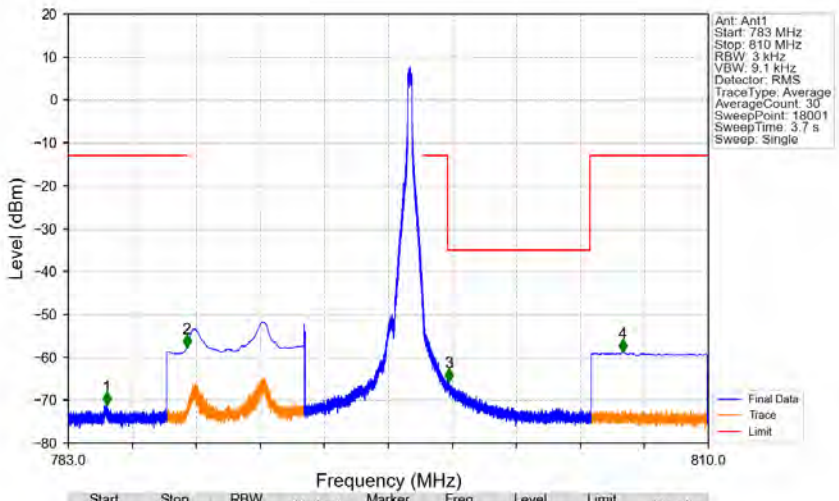

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
783	787.1	0.03	/	1	784.619	-71.13	-13	Pass
787.1	793	0.1	CHP	2	788.000	-57.82	-13	Pass
793	793	0.1	CHP	/	/	/	/	/
793	805	0.00625	/	/	/	/	/	/
805	805	0.00625	/	3	799.058	-65.75	-35	Pass
805	810	0.1	CHP	4	806.388	-58.86	-13	Pass

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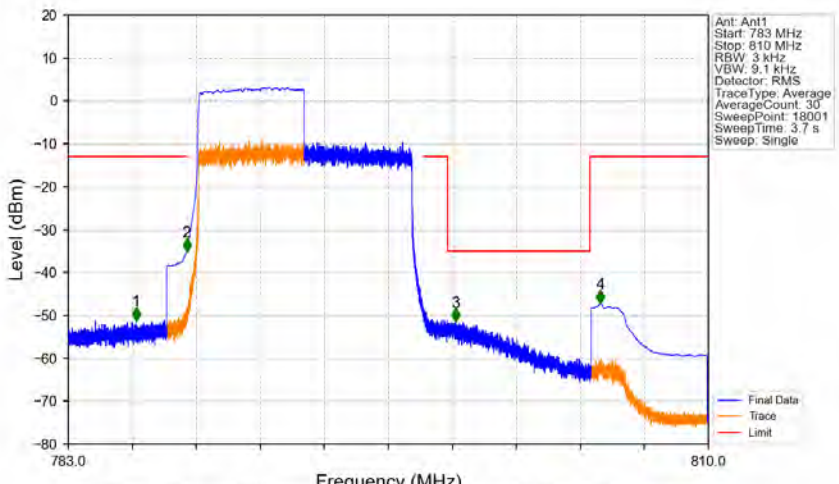

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
783	787.1	0.03	/	1	785.857	-51.19	-13	Pass
787.1	793	0.1	CHP	2	788.000	-35.11	-13	Pass
793	793	0.1	CHP	/	/	/	/	/
793	805	0.00625	/	/	/	/	/	/
805	805	0.00625	/	3	799.335	-51.40	-35	Pass
805	810	0.1	CHP	4	805.451	-47.12	-13	Pass

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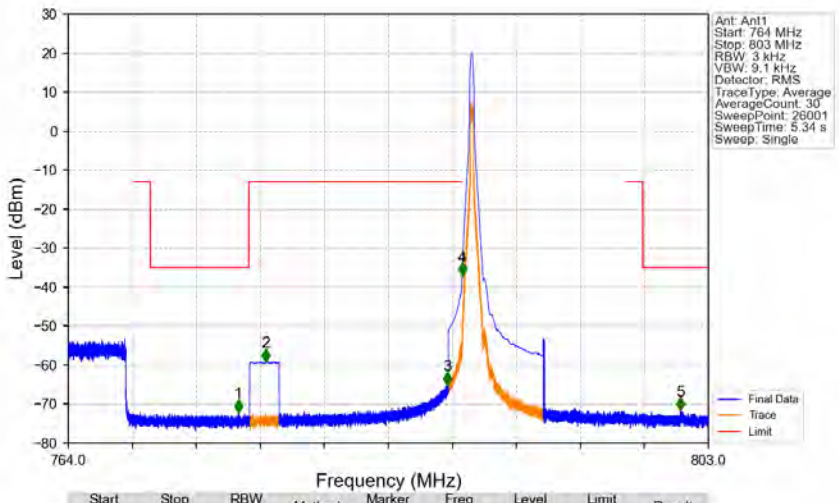

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	775	0.00625	/	/	/	/	/	/
775	775	0.00625	/	1	774.371	-72.14	-35	Pass
775	776.9	0.1	CHP	2	776.051	-59.15	-13	Pass
776.9	787.1	0.03	/	3	787.076	-65.19	-13	Pass
787.1	793	0.1	CHP	4	788.000	-37.13	-13	Pass
793	793	0.1	CHP	/	/	/	/	/
793	803	0.00625	/	/	/	/	/	/
803	803	0.00625	/	5	801.299	-71.72	-35	Pass

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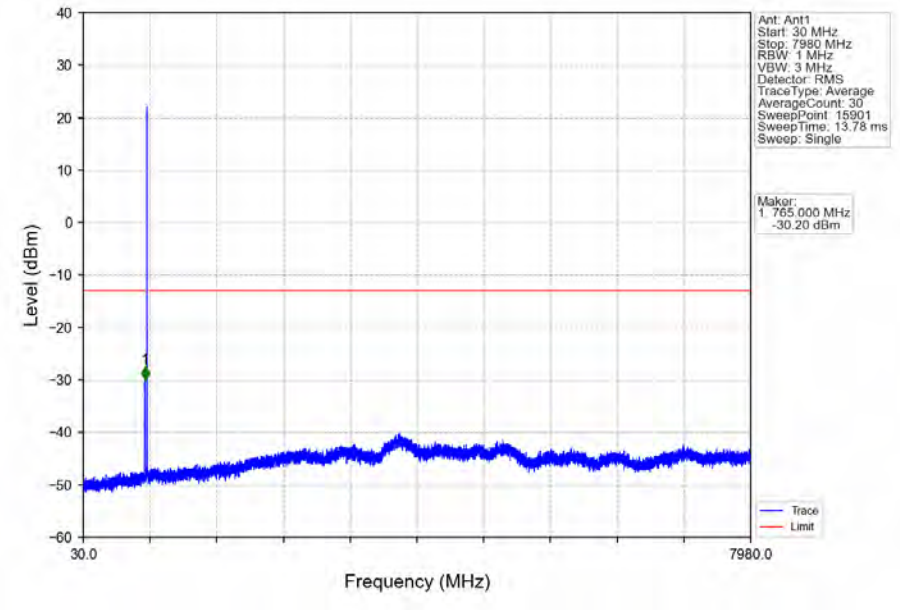

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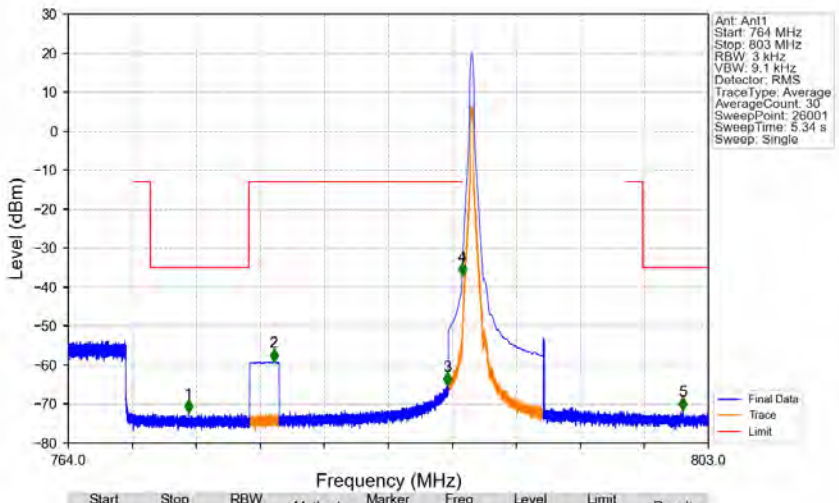

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	775	0.00625	/	/	/	/	/	/
775	775	0.00625	/	1	771.316	-72.20	-35	Pass
775	776.9	0.1	CHP	2	776.518	-59.16	-13	Pass
776.9	787.1	0.03	/	3	787.096	-65.23	-13	Pass
787.1	793	0.1	CHP	4	788.000	-37.12	-13	Pass
793	793	0.1	CHP	/	/	/	/	/
793	803	0.00625	/	/	/	/	/	/
803	803	0.00625	/	5	801.419	-71.69	-35	Pass

Band14_10MHz_64QAM_MCH_793MHz_RB_1_0_NTNV

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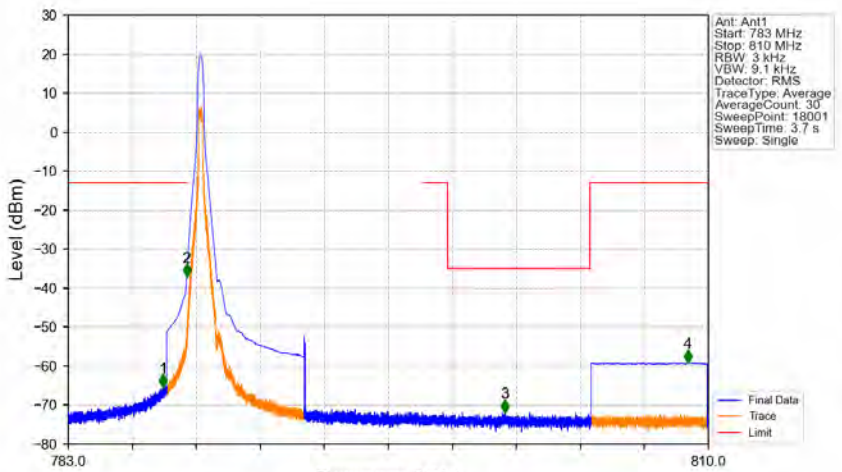

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
783	787.1	0.03	/	1	786.996	-65.44	-13	Pass
787.1	793	0.1	CHP	2	788.000	-37.17	-13	Pass
793	793	0.1	CHP	/	/	/	/	/
793	805	0.00625	/	/	/	/	/	/
805	805	0.00625	/	3	801.424	-71.97	-35	Pass
805	810	0.1	CHP	4	809.136	-59.14	-13	Pass

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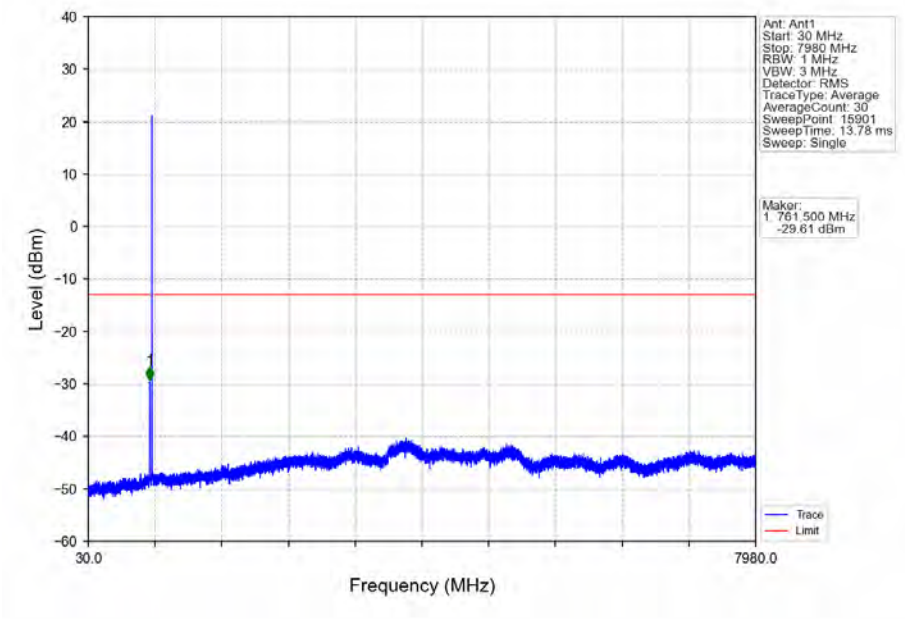

Band14_10MHz_64QAM_MCH_793MHz_RB_1_49_NTNV

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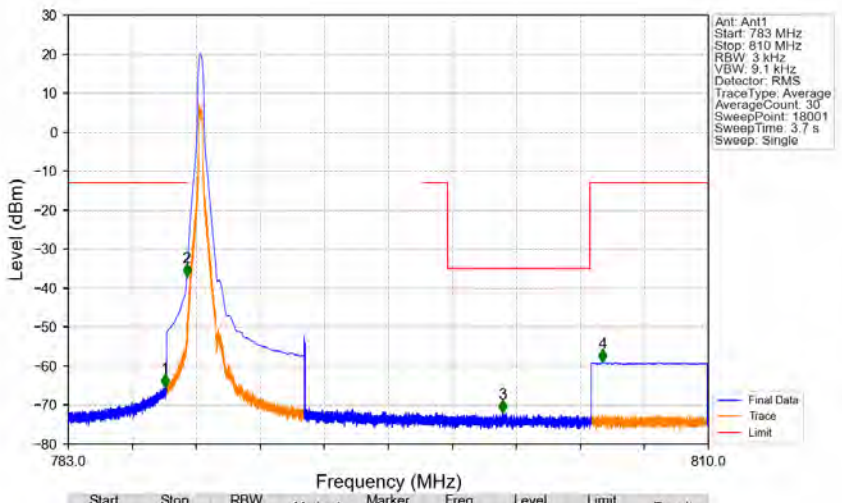

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
783	787.1	0.03	/	1	787.072	-65.54	-13	Pass
787.1	793	0.1	CHP	2	788.000	-37.15	-13	Pass
793	793	0.1	CHP	/	/	/	/	/
793	805	0.00625	/	/	/	/	/	/
805	805	0.00625	/	3	801.324	-72.02	-35	Pass
805	810	0.1	CHP	4	805.534	-59.13	-13	Pass

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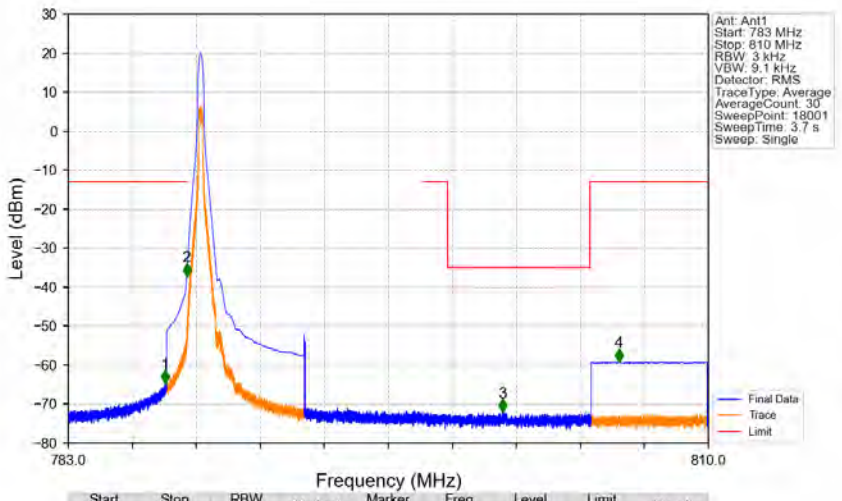
Band14_10MHz_64QAM_MCH_793MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
783	787.1	0.03	/	1	787.083	-64.74	-13	Pass
787.1	793	0.1	CHP	2	788.000	-37.25	-13	Pass
793	793	0.1	CHP	/	/	/	/	/
793	805	0.00625	/	/	/	/	/	/
805	805	0.00625	/	3	801.319	-72.02	-35	Pass
805	810	0.1	CHP	4	806.226	-59.17	-13	Pass

Band14_10MHz_64QAM_HCH_793MHz_RB_1_0_NTNV

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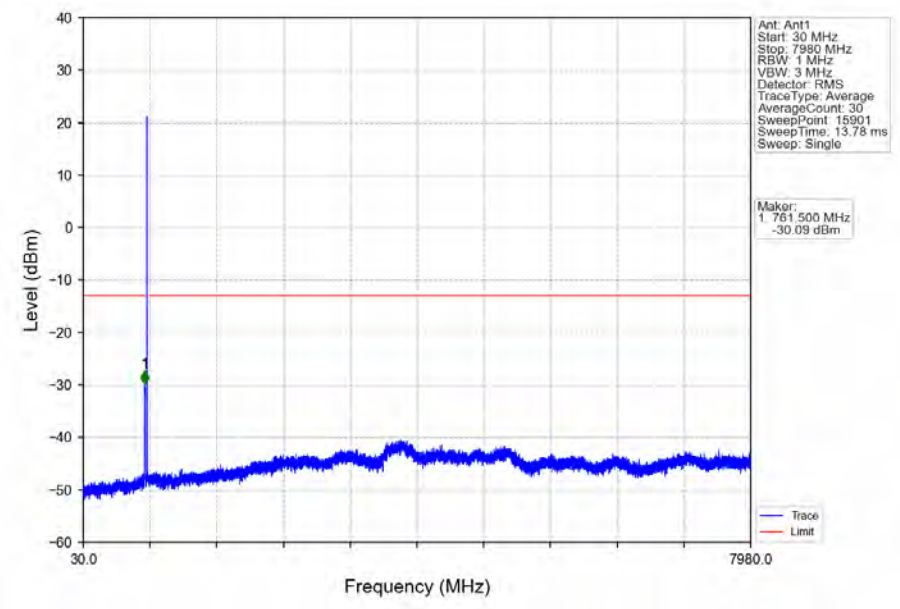

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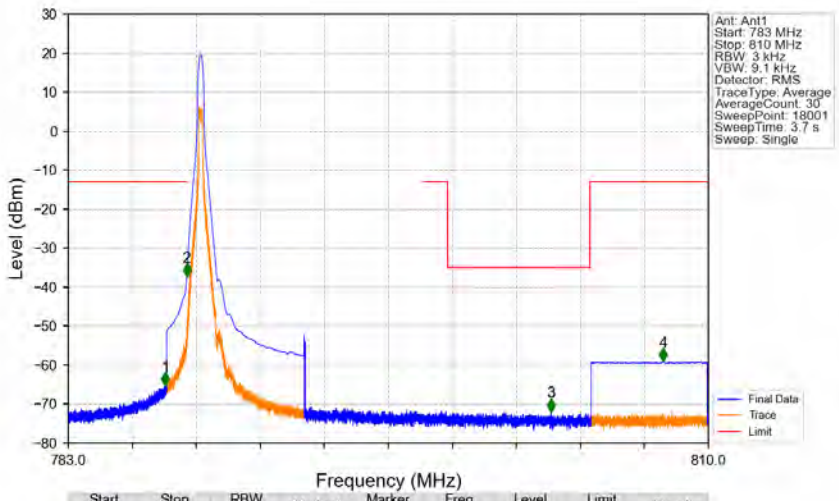
Band14_10MHz_64QAM_HCH_793MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
783	787.1	0.03	/	1	787.087	-65.34	-13	Pass
787.1	793	0.1	CHP	2	788.000	-37.31	-13	Pass
793	793	0.1	CHP	/	/	/	/	/
793	805	0.00625	/	/	/	/	/	/
805	805	0.00625	/	3	803.371	-71.96	-35	Pass
805	810	0.1	CHP	4	808.098	-59.10	-13	Pass

Band14_10MHz_64QAM_HCH_793MHz_RB_50_0_NTNV

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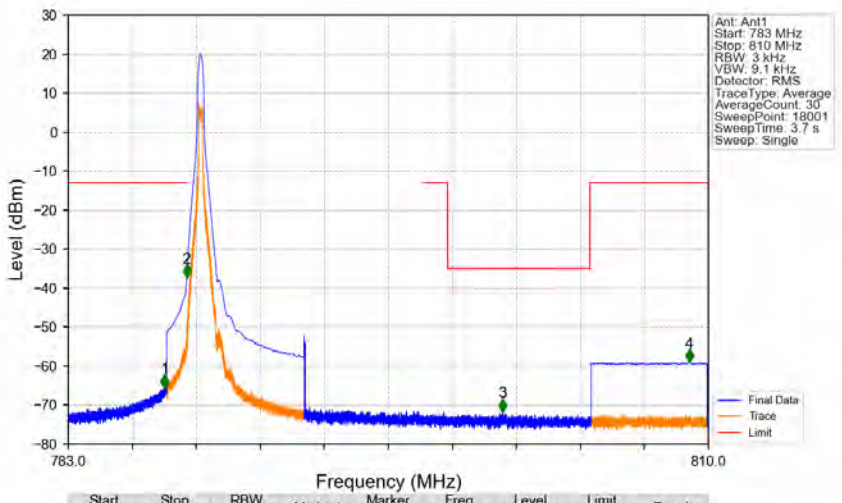

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
783	787.1	0.03	/	1	787.061	-65.55	-13	Pass
787.1	793	0.1	CHP	2	788.000	-37.32	-13	Pass
793	793	0.1	CHP	/	/	/	/	/
793	805	0.00625	/	/	/	/	/	/
805	805	0.00625	/	3	801.326	-71.76	-35	Pass
805	810	0.1	CHP	4	809.202	-59.13	-13	Pass

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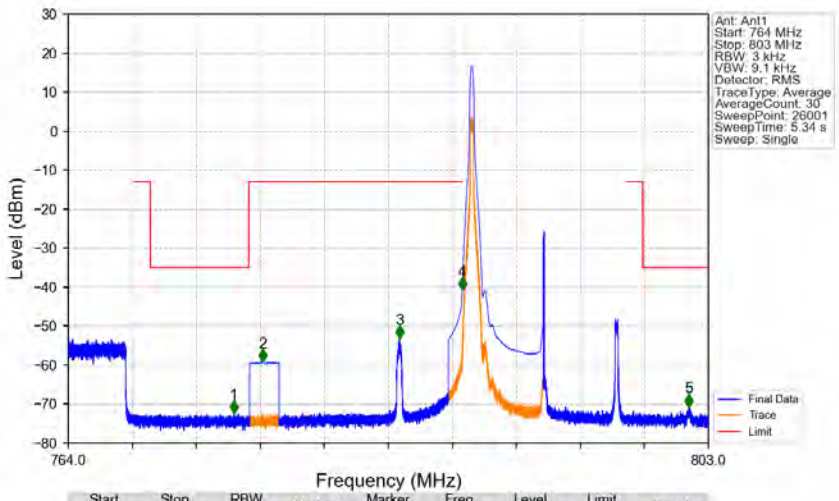
Band14_10MHz_256QAM_LCH_793MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	775	0.00625	/	/	/	/	/	/
775	775	0.00625	/	1	774.096	-72.50	-35	Pass
775	776.9	0.1	CHP	2	775.857	-59.19	-13	Pass
776.9	787.1	0.03	/	3	784.187	-53.30	-13	Pass
787.1	793	0.1	CHP	4	788.000	-40.86	-13	Pass
793	793	0.1	CHP	/	/	/	/	/
793	803	0.00625	/	/	/	/	/	/
803	803	0.00625	/	5	801.817	-70.80	-35	Pass

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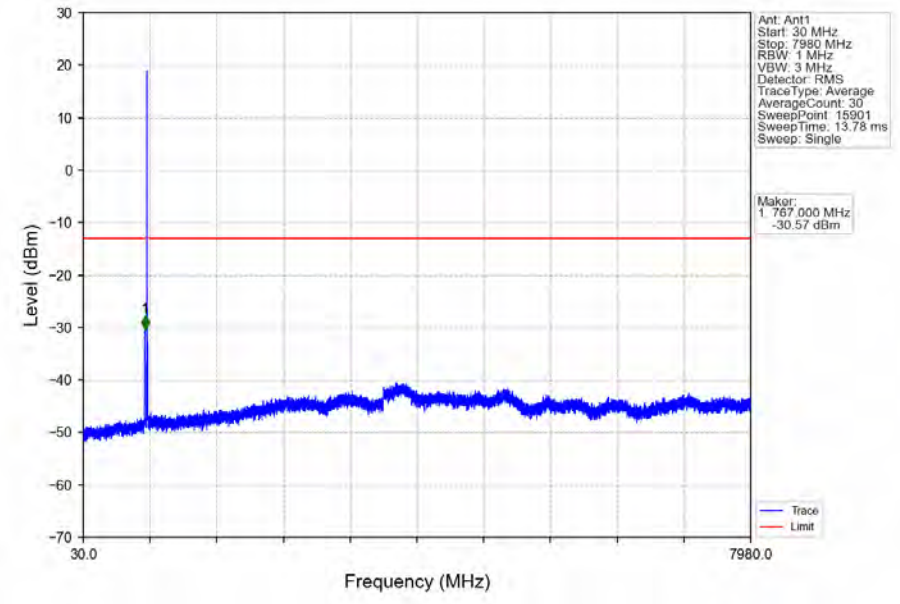

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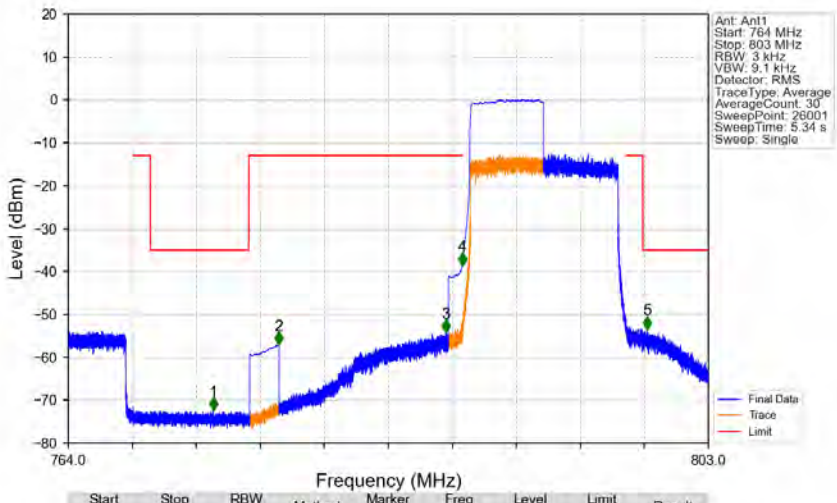

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	775	0.00625	/	/	/	/	/	/
775	775	0.00625	/	1	772.833	-72.39	-35	Pass
775	776.9	0.1	CHP	2	776.838	-57.04	-13	Pass
776.9	787.1	0.03	/	3	787.009	-54.33	-13	Pass
787.1	793	0.1	CHP	4	788.000	-38.67	-13	Pass
793	793	0.1	CHP	/	/	/	/	/
793	803	0.00625	/	/	/	/	/	/
803	803	0.00625	/	5	799.247	-53.47	-35	Pass

Band14_10MHz_256QAM_MCH_793MHz_RB_1_0_NTNV

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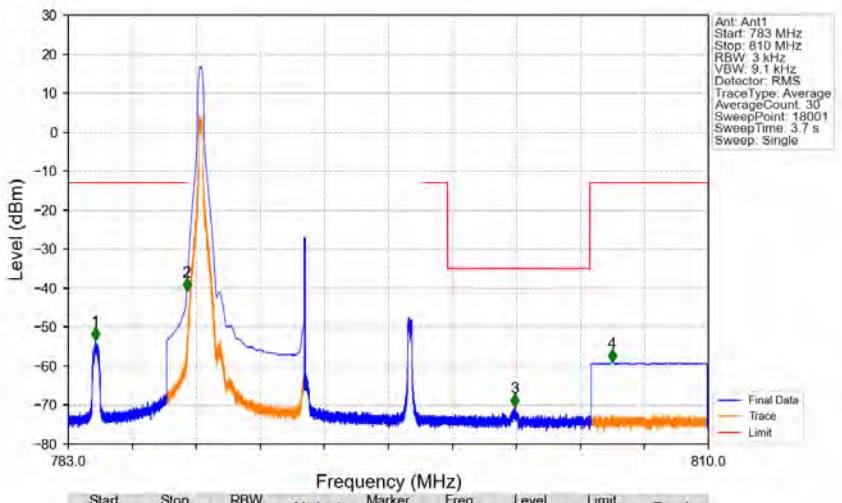

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
783	787.1	0.03	/	1	784.134	-53.41	-13	Pass
787.1	793	0.1	CHP	2	788.000	-40.83	-13	Pass
793	793	0.1	CHP	/	/	/	/	/
793	805	0.00625	/	/	/	/	/	/
805	805	0.00625	/	3	801.817	-70.56	-35	Pass
805	810	0.1	CHP	4	805.948	-59.06	-13	Pass

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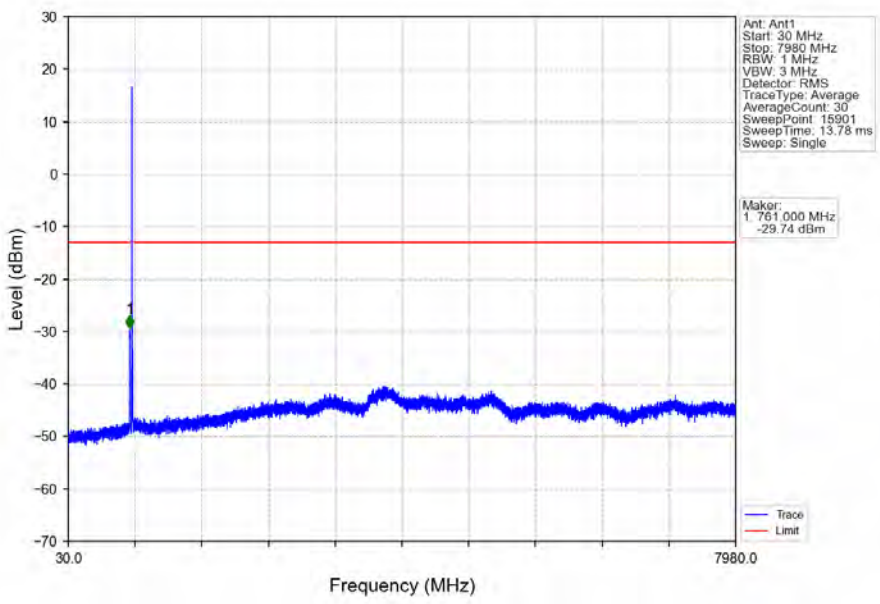

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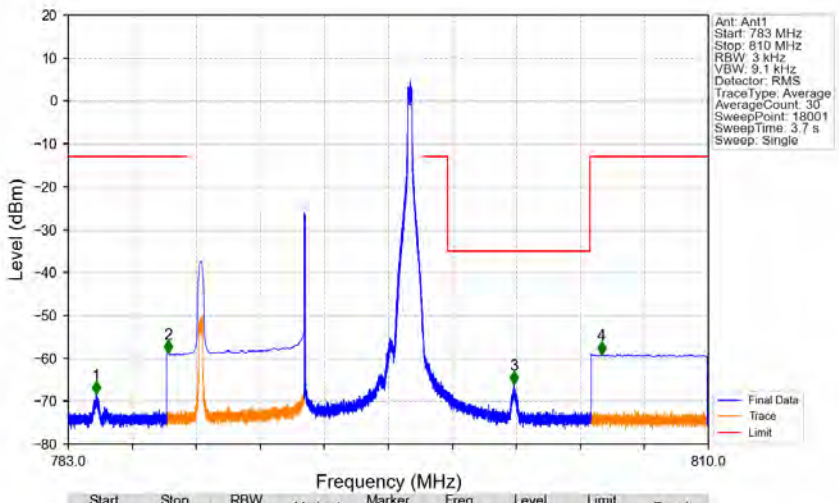

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
783	787.1	0.03	/	1	784.165	-68.41	-13	Pass
787.1	793	0.1	CHP	2	787.212	-58.86	-13	Pass
793	793	0.1	CHP	/	/	/	/	/
793	805	0.00625	/	/	/	/	/	/
805	805	0.00625	/	3	801.801	-66.04	-35	Pass
805	810	0.1	CHP	4	805.485	-59.10	-13	Pass

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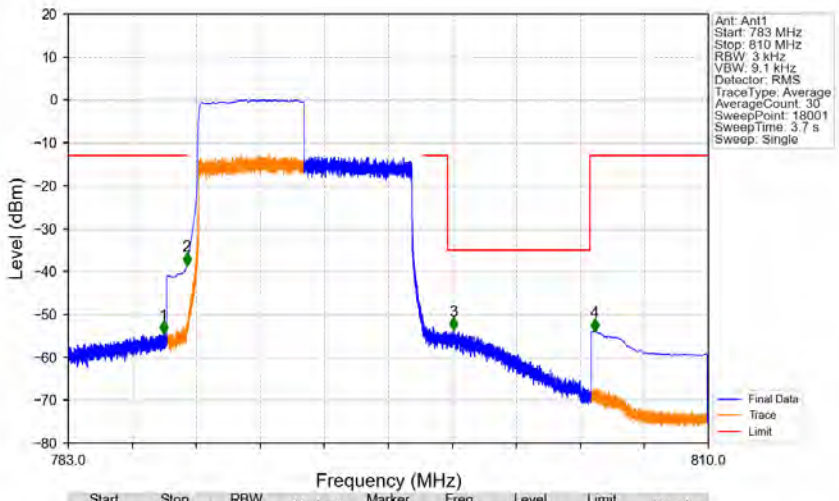
Band14_10MHz_256QAM_MCH_793MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
783	787.1	0.03	/	1	787.023	-54.56	-13	Pass
787.1	793	0.1	CHP	2	788.000	-38.66	-13	Pass
793	793	0.1	CHP	/	/	/	/	/
793	805	0.00625	/	/	/	/	/	/
805	805	0.00625	/	3	799.248	-53.74	-35	Pass
805	810	0.1	CHP	4	805.202	-53.99	-13	Pass

Band14_10MHz_256QAM_HCH_793MHz_RB_1_0_NTNV

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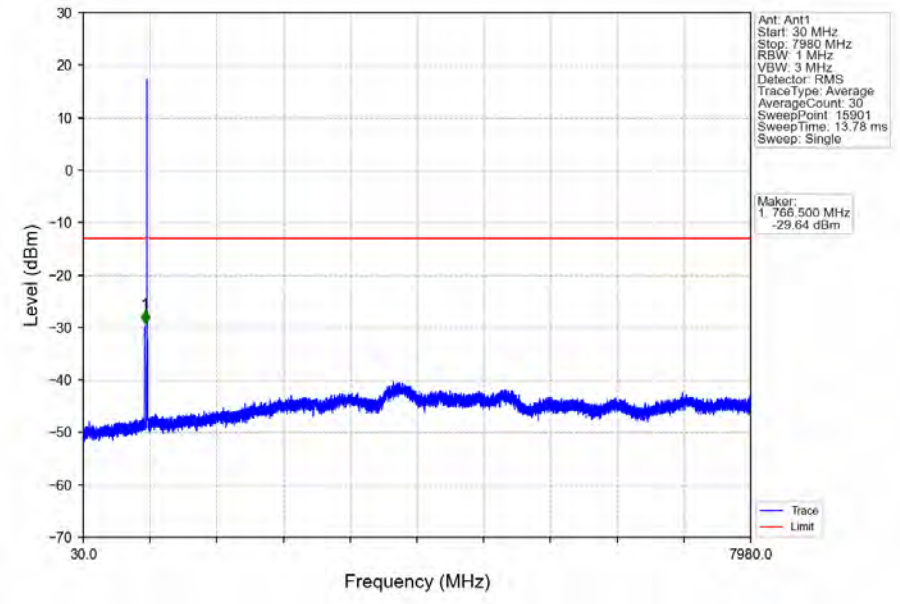

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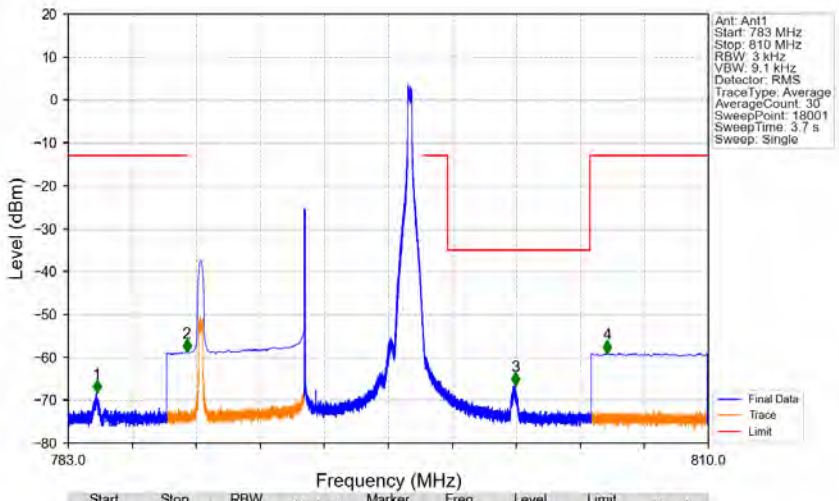
Band14_10MHz_256QAM_HCH_793MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
783	787.1	0.03	/	1	784.197	-68.44	-13	Pass
787.1	793	0.1	CHP	2	787.995	-58.87	-13	Pass
793	793	0.1	CHP	/	/	/	/	/
793	805	0.00625	/	/	/	/	/	/
805	805	0.00625	/	3	801.852	-66.60	-35	Pass
805	810	0.1	CHP	4	805.739	-59.12	-13	Pass

Band14_10MHz_256QAM_HCH_793MHz_RB_50_0_NTNV

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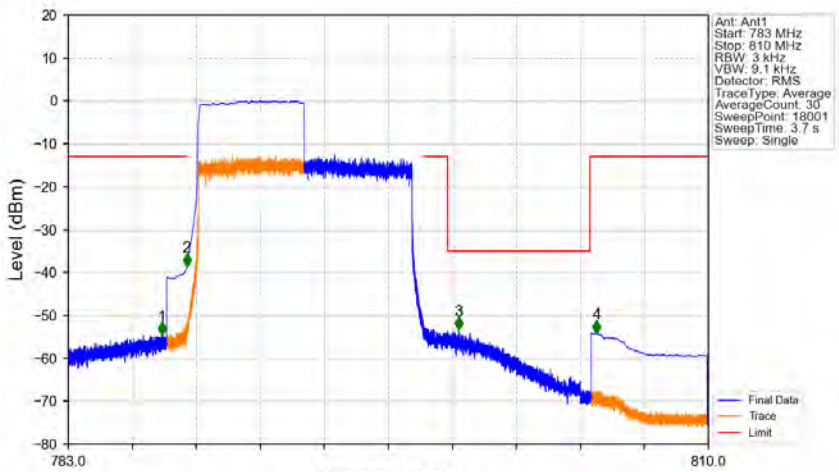

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
783	787.1	0.03	/	1	786.948	-54.56	-13	Pass
787.1	793	0.1	CHP	2	788.000	-38.67	-13	Pass
793	793	0.1	CHP	/	/	/	/	/
793	805	0.00625	/	/	/	/	/	/
805	805	0.00625	/	3	799.460	-53.43	-35	Pass
805	810	0.1	CHP	4	805.292	-54.17	-13	Pass

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6. 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	-64.79	-40	-24.79	-68.665	2	5.88	Horizontal	Pass
2364.75	-60.93	-13	-47.93	-63.2	2.35	4.62	Horizontal	Pass
3153	-53.68	-13	-40.68	-57.64	2.96	6.92	Horizontal	Pass
1576.5	-63.39	-40	-23.39	-67.265	2	5.88	Vertical	Pass
2364.75	-61.34	-13	-48.34	-63.61	2.35	4.62	Vertical	Pass
3153	-53.33	-13	-40.33	-57.29	2.96	6.92	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	-65.48	-40	-25.48	-69.355	2	5.88	Horizontal	Pass
2372.25	-61.24	-13	-48.24	-63.51	2.35	4.62	Horizontal	Pass
3163	-53.49	-13	-40.49	-57.45	2.96	6.92	Horizontal	Pass
1581.5	-63.74	-40	-23.74	-67.615	2	5.88	Vertical	Pass
2372.25	-61.12	-13	-48.12	-63.39	2.35	4.62	Vertical	Pass
3163	-53.86	-13	-40.86	-57.82	2.96	6.92	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	-65.03	-40	-25.03	-68.905	2	5.88	Horizontal	Pass
2379.75	-61.78	-13	-48.78	-64.05	2.35	4.62	Horizontal	Pass
3173	-54.43	-13	-41.43	-58.39	2.96	6.92	Horizontal	Pass
1586.5	-62.73	-40	-22.73	-66.605	2	5.88	Vertical	Pass
2379.75	-60.84	-13	-47.84	-63.11	2.35	4.62	Vertical	Pass
3173	-53.55	-13	-40.55	-57.51	2.96	6.92	Vertical	Pass

---End of Attachment---

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