Appendix B.6

LTE Band 13

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1. Effective (Isotropic) Radiated Power Output Data

1.1 B13_5MHz_ERP

1.1.1 Test Result

Band: 13 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	779.5	1	0	23.50	2.6	23.95	<=34.77	Pass
			13	23.62	2.6	24.07	<=34.77	Pass
			24	23.52	2.6	23.97	<=34.77	Pass
		12	0	22.48	2.6	22.93	<=34.77	Pass
			6	22.61	2.6	23.06	<=34.77	Pass
			13	22.56	2.6	23.01	<=34.77	Pass
		25	0	22.61	2.6	23.06	<=34.77	Pass
	782	1	0	23.59	2.6	24.04	<=34.77	Pass
			13	23.57	2.6	24.02	<=34.77	Pass
			24	23.56	2.6	24.01	<=34.77	Pass
		12	0	22.56	2.6	23.01	<=34.77	Pass
			6	22.58	2.6	23.03	<=34.77	Pass
			13	22.66	2.6	23.11	<=34.77	Pass
		25	0	22.53	2.6	22.98	<=34.77	Pass
	784.5	1	0	23.55	2.6	24	<=34.77	Pass
			13	23.58	2.6	24.03	<=34.77	Pass
			24	23.51	2.6	23.96	<=34.77	Pass
		12	0	22.55	2.6	23	<=34.77	Pass
			6	22.66	2.6	23.11	<=34.77	Pass
			13	22.57	2.6	23.02	<=34.77	Pass
		25	0	22.61	2.6	23.06	<=34.77	Pass
16QAM	779.5	1	0	22.83	2.6	23.28	<=34.77	Pass
			13	22.84	2.6	23.29	<=34.77	Pass
			24	22.83	2.6	23.28	<=34.77	Pass
		12	0	21.60	2.6	22.05	<=34.77	Pass
			6	21.72	2.6	22.17	<=34.77	Pass
			13	21.66	2.6	22.11	<=34.77	Pass
		25	0	21.57	2.6	22.02	<=34.77	Pass
	782	1	0	22.63	2.6	23.08	<=34.77	Pass
			13	22.81	2.6	23.26	<=34.77	Pass
			24	22.68	2.6	23.13	<=34.77	Pass
		12	0	21.58	2.6	22.03	<=34.77	Pass
			6	21.60	2.6	22.05	<=34.77	Pass
			13	21.61	2.6	22.06	<=34.77	Pass
		25	0	21.63	2.6	22.08	<=34.77	Pass
	784.5	1	0	22.48	2.6	22.93	<=34.77	Pass
			13	22.62	2.6	23.07	<=34.77	Pass

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			24	22.51	2.6	22.96	<=34.77	Pass
		12	0	21.53	2.6	21.98	<=34.77	Pass
			6	21.65	2.6	22.1	<=34.77	Pass
			13	21.56	2.6	22.01	<=34.77	Pass
		25	0	21.66	2.6	22.11	<=34.77	Pass
64QAM	779.5	1	0	21.89	2.6	22.34	<=34.77	Pass
			13	21.95	2.6	22.4	<=34.77	Pass
			24	21.90	2.6	22.35	<=34.77	Pass
		12	0	20.70	2.6	21.15	<=34.77	Pass
			6	20.80	2.6	21.25	<=34.77	Pass
			13	20.80	2.6	21.25	<=34.77	Pass
		25	0	20.76	2.6	21.21	<=34.77	Pass
	782	1	0	21.99	2.6	22.44	<=34.77	Pass
			13	22.01	2.6	22.46	<=34.77	Pass
			24	22.01	2.6	22.46	<=34.77	Pass
		12	0	22.01	2.6	22.46	<=34.77	Pass
			6	22.03	2.6	22.48	<=34.77	Pass
			13	22.02	2.6	22.47	<=34.77	Pass
		25	0	22.01	2.6	22.46	<=34.77	Pass
	784.5	1	0	21.78	2.6	22.23	<=34.77	Pass
			13	21.76	2.6	22.21	<=34.77	Pass
			24	21.78	2.6	22.23	<=34.77	Pass
		12	0	21.78	2.6	22.23	<=34.77	Pass
			6	21.79	2.6	22.24	<=34.77	Pass
			13	21.78	2.6	22.23	<=34.77	Pass
		25	0	21.78	2.6	22.23	<=34.77	Pass
256QAM	779.5	1	0	18.83	2.6	19.28	<=34.77	Pass
			13	18.95	2.6	19.4	<=34.77	Pass
			24	18.95	2.6	19.4	<=34.77	Pass
		12	0	18.75	2.6	19.2	<=34.77	Pass
			6	18.88	2.6	19.33	<=34.77	Pass
			13	18.82	2.6	19.27	<=34.77	Pass
		25	0	18.75	2.6	19.2	<=34.77	Pass
	782	1	0	18.76	2.6	19.21	<=34.77	Pass
			13	18.91	2.6	19.36	<=34.77	Pass
			24	18.82	2.6	19.27	<=34.77	Pass
		12	0	18.72	2.6	19.17	<=34.77	Pass
			6	18.83	2.6	19.28	<=34.77	Pass
			13	18.82	2.6	19.27	<=34.77	Pass
		25	0	18.77	2.6	19.22	<=34.77	Pass
	784.5	1	0	18.45	2.6	18.9	<=34.77	Pass
			13	18.54	2.6	18.99	<=34.77	Pass
			24	18.43	2.6	18.88	<=34.77	Pass
		12	0	18.73	2.6	19.18	<=34.77	Pass
			6	18.82	2.6	19.27	<=34.77	Pass
			13	18.77	2.6	19.22	<=34.77	Pass
		25	0	18.78	2.6	19.23	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

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1.2 B13_10MHz_ERP

1.2.1 Test Result

Band: 13 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	782	1	0	23.58	2.6	24.03	<=34.77	Pass
			25	23.57	2.6	24.02	<=34.77	Pass
			49	23.49	2.6	23.94	<=34.77	Pass
		25	0	22.64	2.6	23.09	<=34.77	Pass
			13	22.60	2.6	23.05	<=34.77	Pass
			25	22.62	2.6	23.07	<=34.77	Pass
		50	0	22.58	2.6	23.03	<=34.77	Pass
16QAM	782	1	0	22.61	2.6	23.06	<=34.77	Pass
			25	22.62	2.6	23.07	<=34.77	Pass
			49	22.55	2.6	23	<=34.77	Pass
		25	0	21.70	2.6	22.15	<=34.77	Pass
			13	21.69	2.6	22.14	<=34.77	Pass
			25	21.76	2.6	22.21	<=34.77	Pass
		50	0	21.63	2.6	22.08	<=34.77	Pass
64QAM	782	1	0	21.73	2.6	22.18	<=34.77	Pass
			25	21.69	2.6	22.14	<=34.77	Pass
			49	21.69	2.6	22.14	<=34.77	Pass
		25	0	21.68	2.6	22.13	<=34.77	Pass
			13	21.66	2.6	22.11	<=34.77	Pass
			25	21.68	2.6	22.13	<=34.77	Pass
		50	0	21.68	2.6	22.13	<=34.77	Pass
256QAM	782	1	0	19.27	2.6	19.72	<=34.77	Pass
			25	19.25	2.6	19.7	<=34.77	Pass
			49	19.29	2.6	19.74	<=34.77	Pass
		25	0	18.85	2.6	19.3	<=34.77	Pass
			13	18.78	2.6	19.23	<=34.77	Pass
			25	18.91	2.6	19.36	<=34.77	Pass
		50	0	18.83	2.6	19.28	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

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2. Frequency Stability

2.1 B13_5MHz

2.1.1 Test Result

Band: 13 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	779.5	25	0	20	3.55	2.189	0.0028	/	Pass
					4.0	2.303	0.0030	/	Pass
					4.4	3.905	0.0050	/	Pass
				-30	4.0	0.916	0.0012	/	Pass
				-20	4.0	2.289	0.0029	/	Pass
				-10	4.0	1.445	0.0019	/	Pass
				0	4.0	2.031	0.0026	/	Pass
				10	4.0	0.658	0.0008	/	Pass
				30	4.0	2.103	0.0027	/	Pass
				40	4.0	1.245	0.0016	/	Pass
				50	4.0	1.860	0.0024	/	Pass
	782	25	0	20	3.55	1.903	0.0024	/	Pass
					4.0	-0.458	-0.0006	/	Pass
					4.4	0.172	0.0002	/	Pass
				-30	4.0	1.287	0.0016	/	Pass
				-20	4.0	0.300	0.0004	/	Pass
				-10	4.0	0.601	0.0008	/	Pass
				0	4.0	1.502	0.0019	/	Pass
				10	4.0	0.043	0.0001	/	Pass
				30	4.0	0.830	0.0011	/	Pass
				40	4.0	-0.086	-0.0001	/	Pass
				50	4.0	0.129	0.0002	/	Pass
	784.5	25	0	20	3.55	2.604	0.0033	/	Pass
					4.0	2.747	0.0035	/	Pass
					4.4	1.917	0.0024	/	Pass
				-30	4.0	2.832	0.0036	/	Pass
				-20	4.0	0.916	0.0012	/	Pass
				-10	4.0	1.245	0.0016	/	Pass
				0	4.0	2.203	0.0028	/	Pass
				10	4.0	0.315	0.0004	/	Pass
				30	4.0	1.817	0.0023	/	Pass
				40	4.0	1.702	0.0022	/	Pass
				50	4.0	1.788	0.0023	/	Pass
16QAM	779.5	25	0	20	3.55	0.772	0.0010	/	Pass
					4.0	1.888	0.0024	/	Pass
					4.4	0.372	0.0005	/	Pass
				-30	4.0	0.658	0.0008	/	Pass

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				-20	4.0	1.388	0.0018	/	Pass
				-10	4.0	1.745	0.0022	/	Pass
				0	4.0	0.372	0.0005	/	Pass
				10	4.0	0.472	0.0006	/	Pass
				30	4.0	0.243	0.0003	/	Pass
				40	4.0	0.372	0.0005	/	Pass
				50	4.0	-0.243	-0.0003	/	Pass
	782	25	0	20	3.55	1.802	0.0023	/	Pass
					4.0	0.529	0.0007	/	Pass
					4.4	1.588	0.0020	/	Pass
				-30	4.0	2.446	0.0031	/	Pass
				-20	4.0	1.230	0.0016	/	Pass
				-10	4.0	2.346	0.0030	/	Pass
				0	4.0	2.961	0.0038	/	Pass
				10	4.0	3.304	0.0042	/	Pass
				30	4.0	3.090	0.0040	/	Pass
				40	4.0	1.988	0.0025	/	Pass
				50	4.0	1.159	0.0015	/	Pass
	784.5	25	0	20	3.55	0.486	0.0006	/	Pass
					4.0	2.332	0.0030	/	Pass
					4.4	1.717	0.0022	/	Pass
				-30	4.0	1.273	0.0016	/	Pass
				-20	4.0	1.087	0.0014	/	Pass
				-10	4.0	1.545	0.0020	/	Pass
				0	4.0	0.515	0.0007	/	Pass
				10	4.0	0.701	0.0009	/	Pass
				30	4.0	1.616	0.0021	/	Pass
				40	4.0	0.257	0.0003	/	Pass
				50	4.0	2.518	0.0032	/	Pass
64QAM	779.5	25	0	20	3.55	2.446	0.0031	/	Pass
					4.0	3.848	0.0049	/	Pass
					4.4	3.576	0.0046	/	Pass
				-30	4.0	2.575	0.0033	/	Pass
				-20	4.0	2.375	0.0030	/	Pass
				-10	4.0	2.389	0.0031	/	Pass
				0	4.0	2.131	0.0027	/	Pass
				10	4.0	2.518	0.0032	/	Pass
				30	4.0	1.588	0.0020	/	Pass
				40	4.0	2.375	0.0030	/	Pass
				50	4.0	0.987	0.0013	/	Pass
	782	25	0	20	3.55	-0.315	-0.0004	/	Pass
					4.0	0.901	0.0012	/	Pass
					4.4	-0.801	-0.0010	/	Pass
				-30	4.0	0.100	0.0001	/	Pass
				-20	4.0	0.272	0.0003	/	Pass
				-10	4.0	0.157	0.0002	/	Pass
				0	4.0	-0.973	-0.0012	/	Pass
				10	4.0	1.101	0.0014	/	Pass

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				30	4.0	-0.200	-0.0003	/	Pass
				40	4.0	0.601	0.0008	/	Pass
				50	4.0	0.443	0.0006	/	Pass
	784.5	25	0	20	3.55	1.659	0.0021	/	Pass
					4.0	1.774	0.0023	/	Pass
					4.4	1.087	0.0014	/	Pass
				-30	4.0	-0.601	-0.0008	/	Pass
				-20	4.0	-0.072	-0.0001	/	Pass
				-10	4.0	0.372	0.0005	/	Pass
				0	4.0	0.272	0.0003	/	Pass
				10	4.0	1.388	0.0018	/	Pass
				30	4.0	1.574	0.0020	/	Pass
				40	4.0	-0.157	-0.0002	/	Pass
				50	4.0	0.129	0.0002	/	Pass
256QAM	779.5	25	0	20	3.55	2.117	0.0027	/	Pass
					4.0	2.346	0.0030	/	Pass
					4.4	1.202	0.0015	/	Pass
				-30	4.0	1.874	0.0024	/	Pass
				-20	4.0	1.702	0.0022	/	Pass
				-10	4.0	2.446	0.0031	/	Pass
				0	4.0	0.672	0.0009	/	Pass
				10	4.0	0.958	0.0012	/	Pass
				30	4.0	1.273	0.0016	/	Pass
				40	4.0	1.831	0.0023	/	Pass
				50	4.0	1.502	0.0019	/	Pass
	782	25	0	20	3.55	-1.030	-0.0013	/	Pass
					4.0	-0.515	-0.0007	/	Pass
					4.4	0.372	0.0005	/	Pass
				-30	4.0	0.415	0.0005	/	Pass
				-20	4.0	0.758	0.0010	/	Pass
				-10	4.0	0.243	0.0003	/	Pass
				0	4.0	-1.073	-0.0014	/	Pass
				10	4.0	-0.987	-0.0013	/	Pass
				30	4.0	-0.229	-0.0003	/	Pass
				40	4.0	0.257	0.0003	/	Pass
				50	4.0	-0.129	-0.0002	/	Pass
	784.5	25	0	20	3.55	0.486	0.0006	/	Pass
					4.0	0.815	0.0010	/	Pass
					4.4	0.987	0.0013	/	Pass
				-30	4.0	-0.143	-0.0002	/	Pass
				-20	4.0	-0.587	-0.0007	/	Pass
				-10	4.0	0.257	0.0003	/	Pass
				0	4.0	-0.472	-0.0006	/	Pass
				10	4.0	0.200	0.0003	/	Pass
				30	4.0	-0.100	-0.0001	/	Pass
				40	4.0	0.172	0.0002	/	Pass
				50	4.0	0.873	0.0011	/	Pass

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2.2 B13_10MHz

2.2.1 Test Result

Band: 13 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	782	50	0	20	3.55	-0.072	-0.0001	/	Pass
					4.0	-0.544	-0.0007	/	Pass
					4.4	-0.200	-0.0003	/	Pass
				-30	4.0	0.529	0.0007	/	Pass
				-20	4.0	0.944	0.0012	/	Pass
				-10	4.0	-0.129	-0.0002	/	Pass
				0	4.0	-0.358	-0.0005	/	Pass
				10	4.0	1.044	0.0013	/	Pass
				30	4.0	0.787	0.0010	/	Pass
				40	4.0	0.043	0.0001	/	Pass
				50	4.0	-0.472	-0.0006	/	Pass
16QAM	782	50	0	20	3.55	-0.100	-0.0001	/	Pass
					4.0	1.531	0.0020	/	Pass
					4.4	0.744	0.0010	/	Pass
				-30	4.0	0.229	0.0003	/	Pass
				-20	4.0	0.830	0.0011	/	Pass
				-10	4.0	0.944	0.0012	/	Pass
				0	4.0	-0.887	-0.0011	/	Pass
				10	4.0	-0.415	-0.0005	/	Pass
				30	4.0	0.858	0.0011	/	Pass
				40	4.0	0.257	0.0003	/	Pass
				50	4.0	1.330	0.0017	/	Pass
64QAM	782	50	0	20	3.55	1.788	0.0023	/	Pass
					4.0	1.445	0.0018	/	Pass
					4.4	2.046	0.0026	/	Pass
				-30	4.0	1.087	0.0014	/	Pass
				-20	4.0	1.988	0.0025	/	Pass
				-10	4.0	0.229	0.0003	/	Pass
				0	4.0	0.200	0.0003	/	Pass
				10	4.0	1.445	0.0018	/	Pass
				30	4.0	2.260	0.0029	/	Pass
				40	4.0	0.372	0.0005	/	Pass
				50	4.0	0.629	0.0008	/	Pass
256QAM	782	50	0	20	3.55	1.073	0.0014	/	Pass
					4.0	1.688	0.0022	/	Pass
					4.4	1.059	0.0014	/	Pass
				-30	4.0	1.287	0.0016	/	Pass
				-20	4.0	0.715	0.0009	/	Pass
				-10	4.0	0.958	0.0012	/	Pass
				0	4.0	0.658	0.0008	/	Pass

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				10	4.0	-0.272	-0.0003	/	Pass
				30	4.0	0.100	0.0001	/	Pass
				40	4.0	1.073	0.0014	/	Pass
				50	4.0	1.845	0.0024	/	Pass

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3. 99% & 26dB Bandwidth

3.1 Band13_OBW

3.1.1 Test Result

Band: 13 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	779.5	25	0	4.535	/	Pass
		782	25	0	4.539	/	Pass
		784.5	25	0	4.568	/	Pass
	16QAM	779.5	25	0	4.556	/	Pass
		782	25	0	4.557	/	Pass
		784.5	25	0	4.538	/	Pass
	64QAM	779.5	25	0	4.540	/	Pass
		782	25	0	4.557	/	Pass
		784.5	25	0	4.554	/	Pass
	256QAM	779.5	25	0	4.547	/	Pass
		782	25	0	4.561	/	Pass
		784.5	25	0	4.541	/	Pass
10	QPSK	782	50	0	9.007	/	Pass
	16QAM	782	50	0	9.006	/	Pass
	64QAM	782	50	0	9.000	/	Pass
	256QAM	782	50	0	9.003	/	Pass

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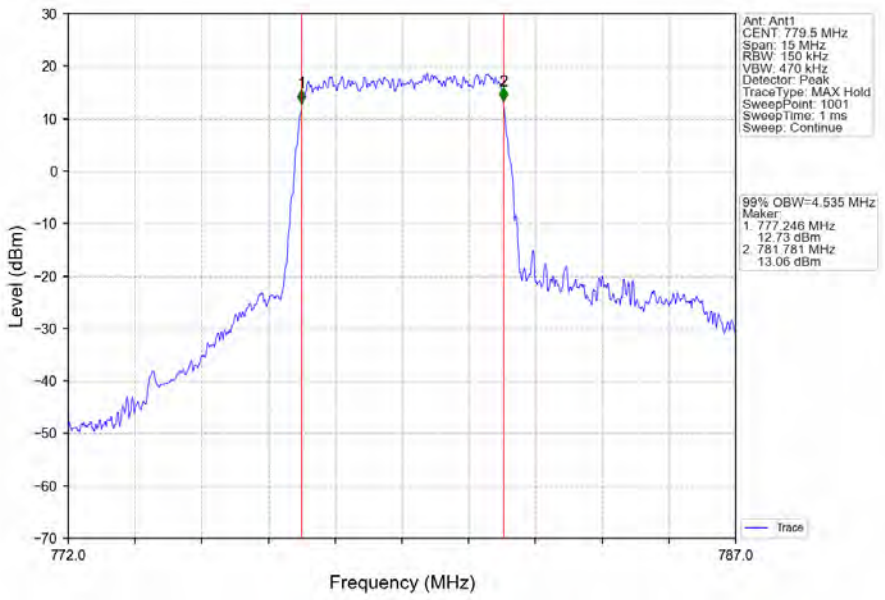
3.1.2 Test Graph

Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV



Band13_5MHz_QPSK_MCH_782MHz_RB_25_0_NTNV

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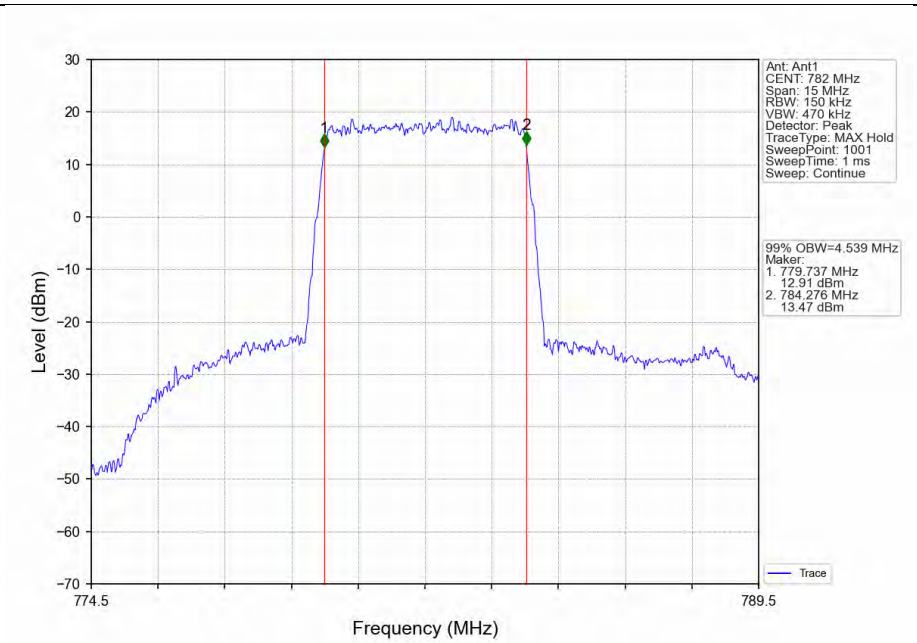

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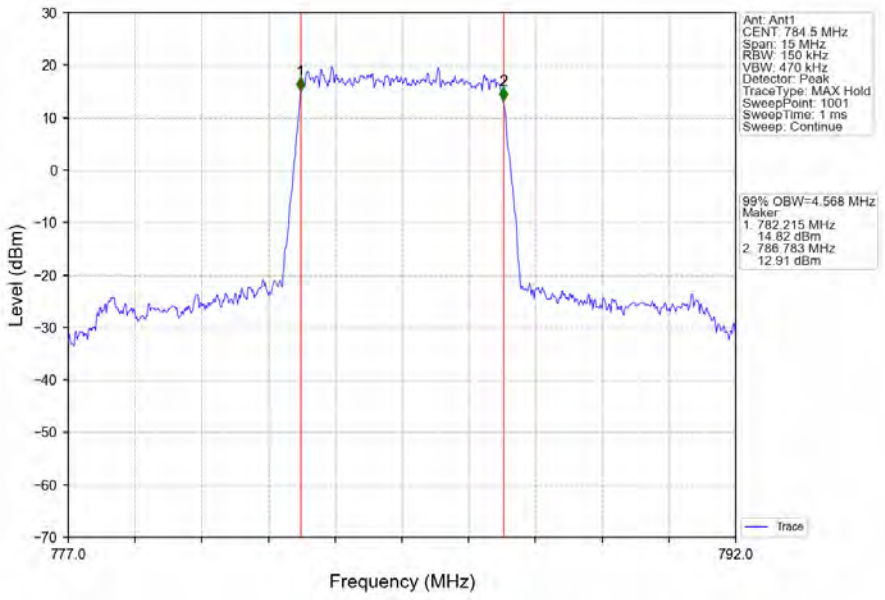
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV

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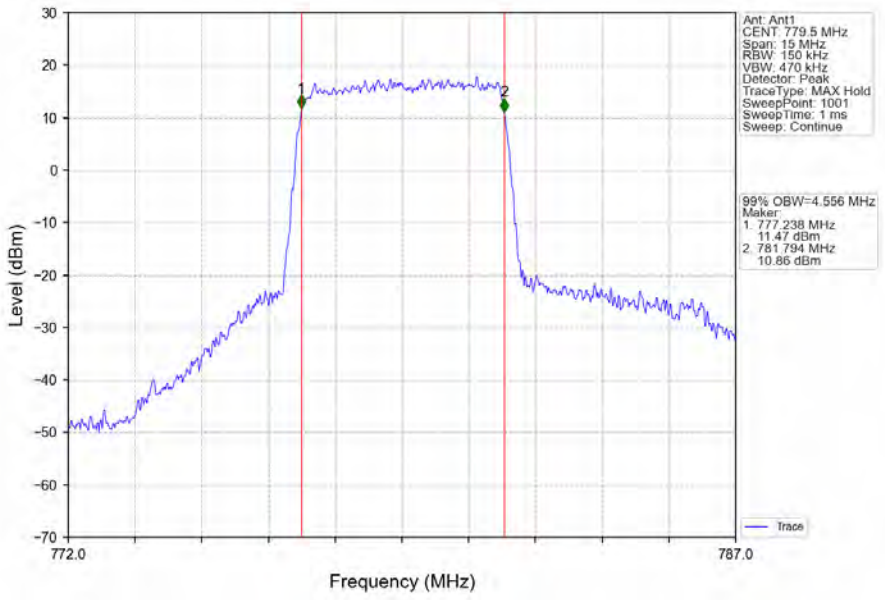

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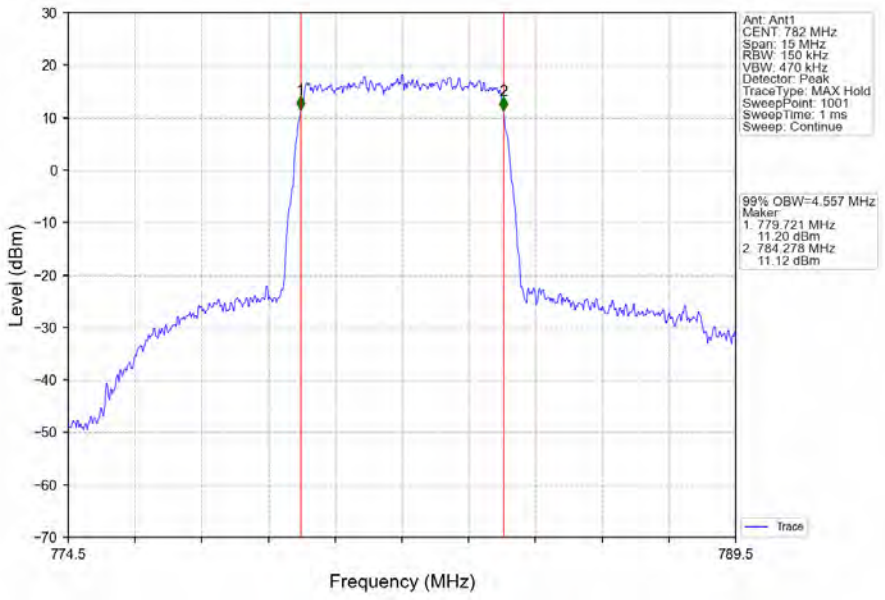
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



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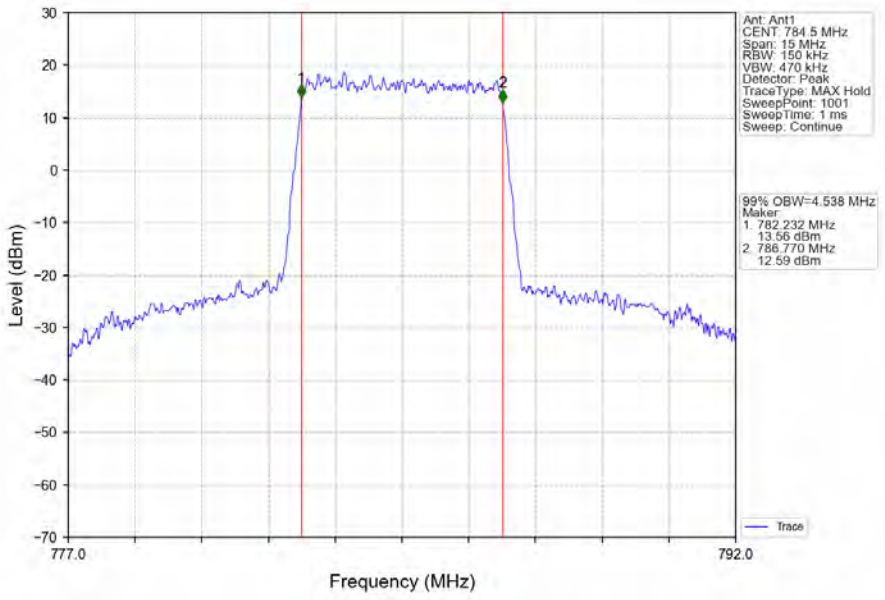

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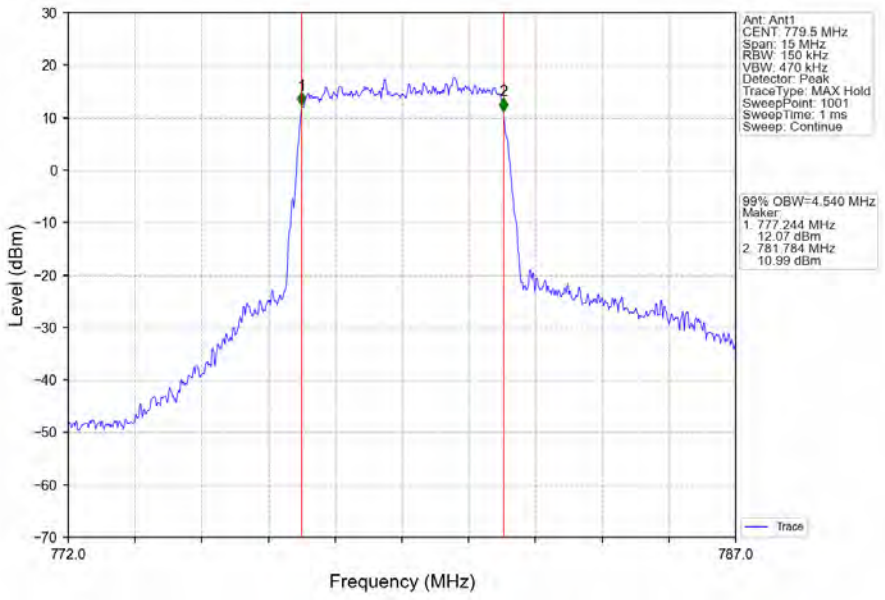
Band13_5MHz_64QAM_LCH_779.5MHz_RB_25_0_NTNV



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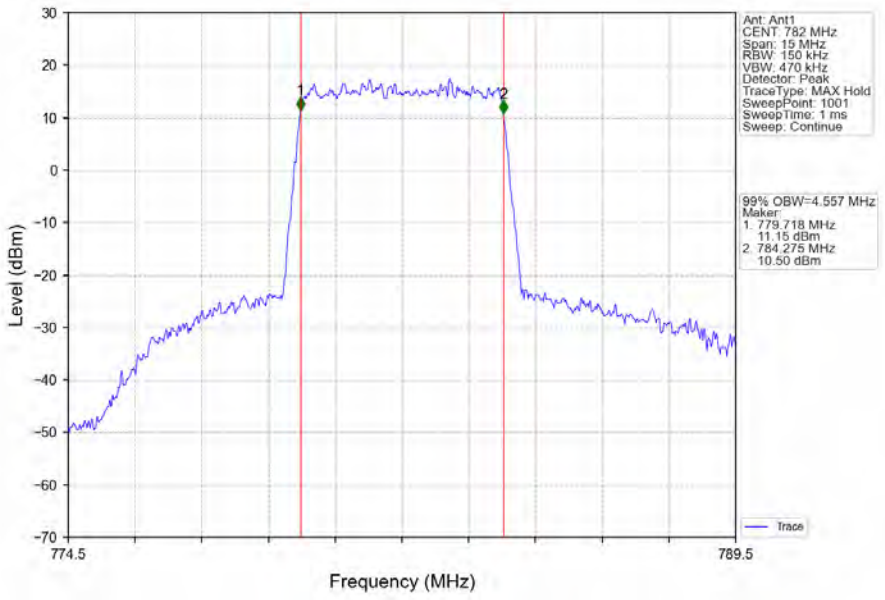

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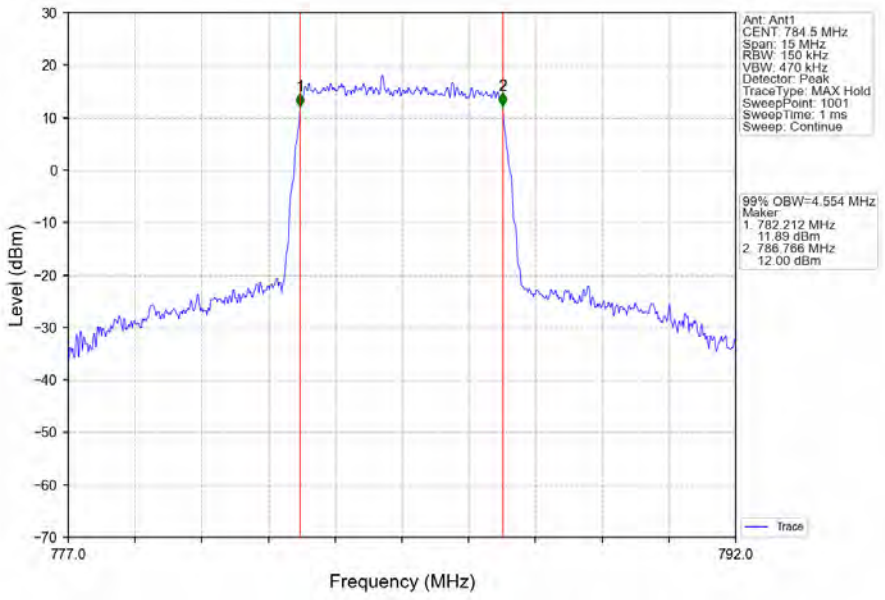

Band13_5MHz_256QAM_LCH_779.5MHz_RB_25_0_NTNV

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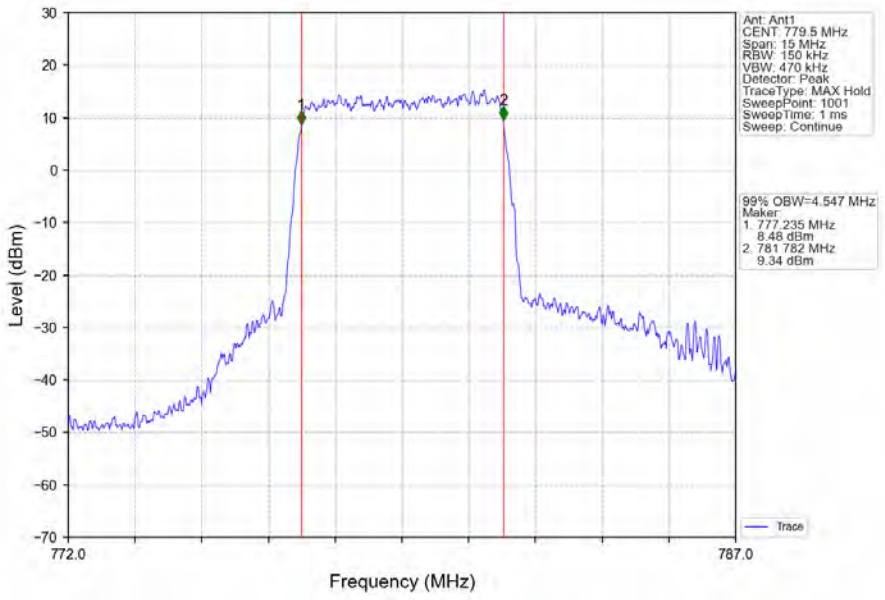

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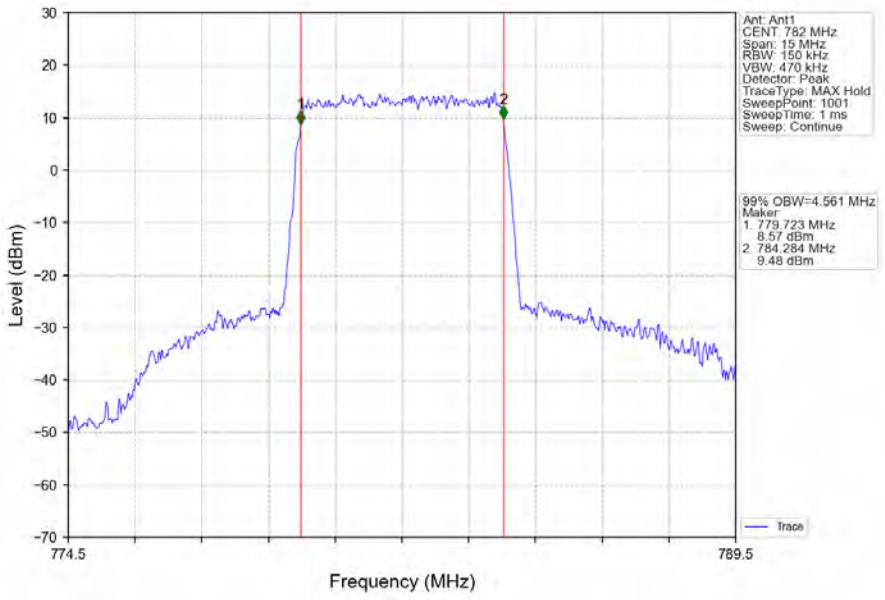
Band13_5MHz_256QAM_MCH_782MHz_RB_25_0_NTNV



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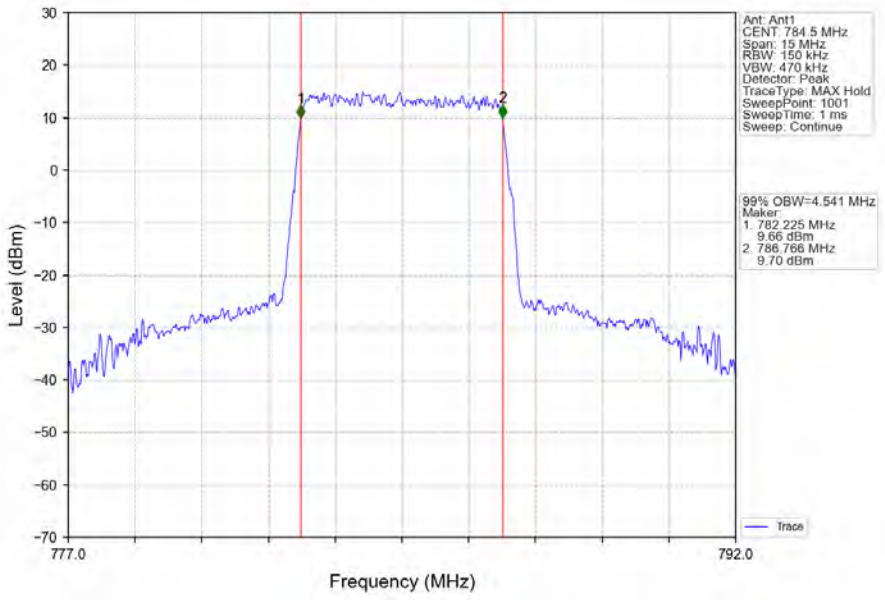

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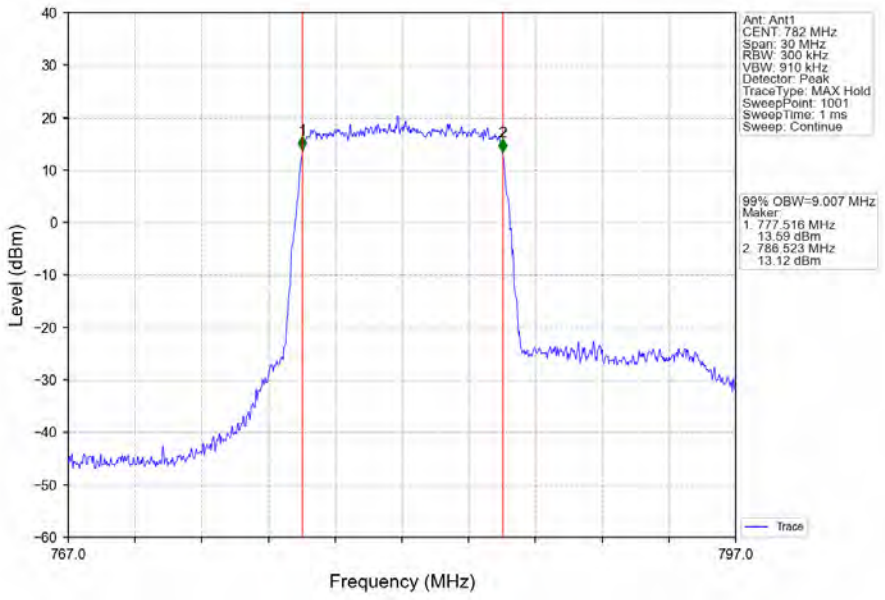
Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV

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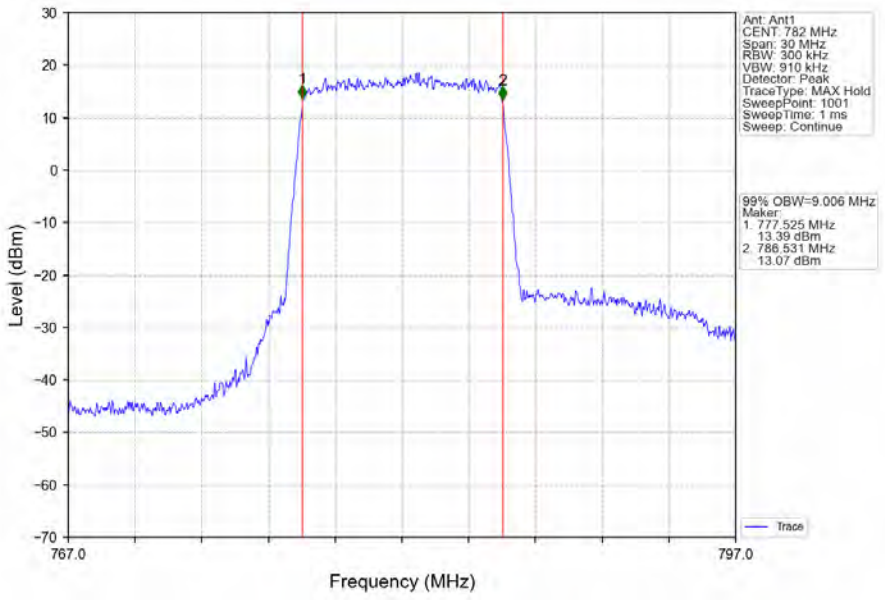

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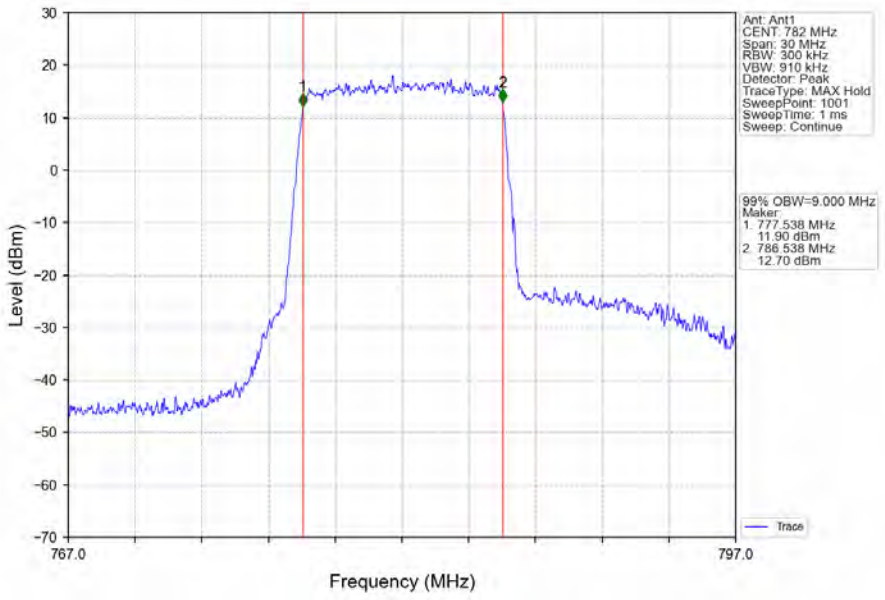
Band13_10MHz_64QAM_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_256QAM_MCH_782MHz_RB_50_0_NTNV

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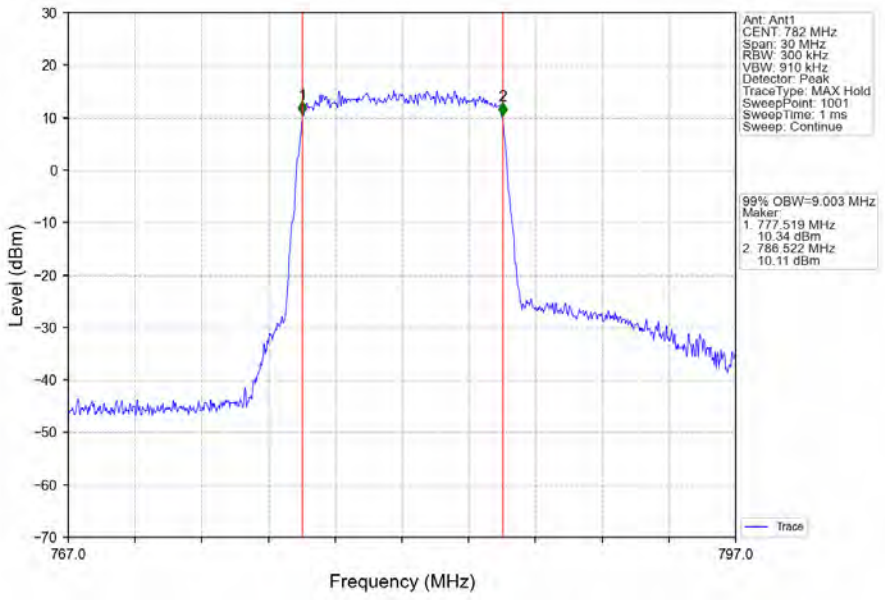

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3.2 Band13_XDB

3.2.1 Test Result

Band: 13 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	779.5	25	0	5.031	/	Pass
		782	25	0	5.038	/	Pass
		784.5	25	0	5.037	/	Pass
	16QAM	779.5	25	0	5.029	/	Pass
		782	25	0	5.097	/	Pass
		784.5	25	0	5.027	/	Pass
	64QAM	779.5	25	0	5.020	/	Pass
		782	25	0	5.025	/	Pass
		784.5	25	0	5.025	/	Pass
	256QAM	779.5	25	0	5.053	/	Pass
		782	25	0	5.043	/	Pass
		784.5	25	0	5.056	/	Pass
10	QPSK	782	50	0	9.969	/	Pass
	16QAM	782	50	0	9.885	/	Pass
	64QAM	782	50	0	9.884	/	Pass
	256QAM	782	50	0	9.939	/	Pass

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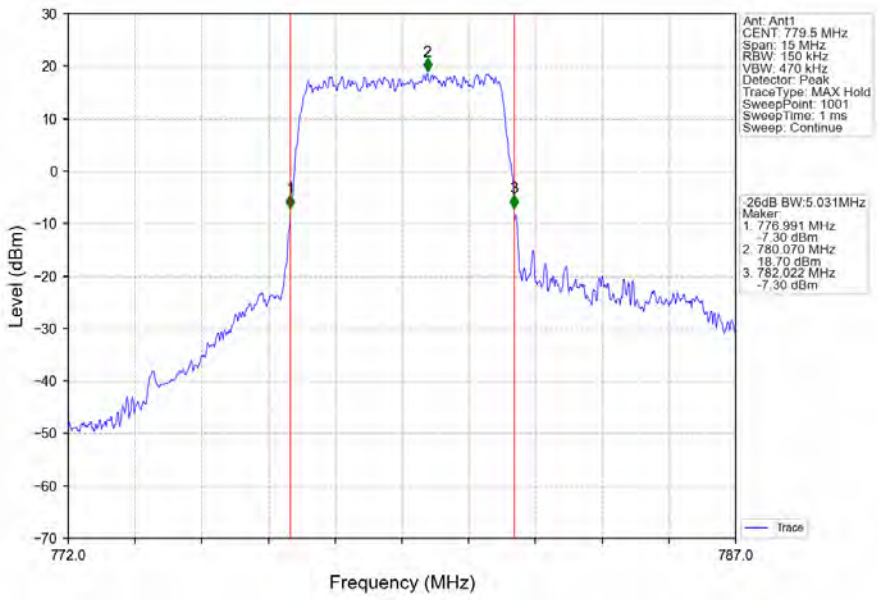
3.2.2 Test Graph

Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV



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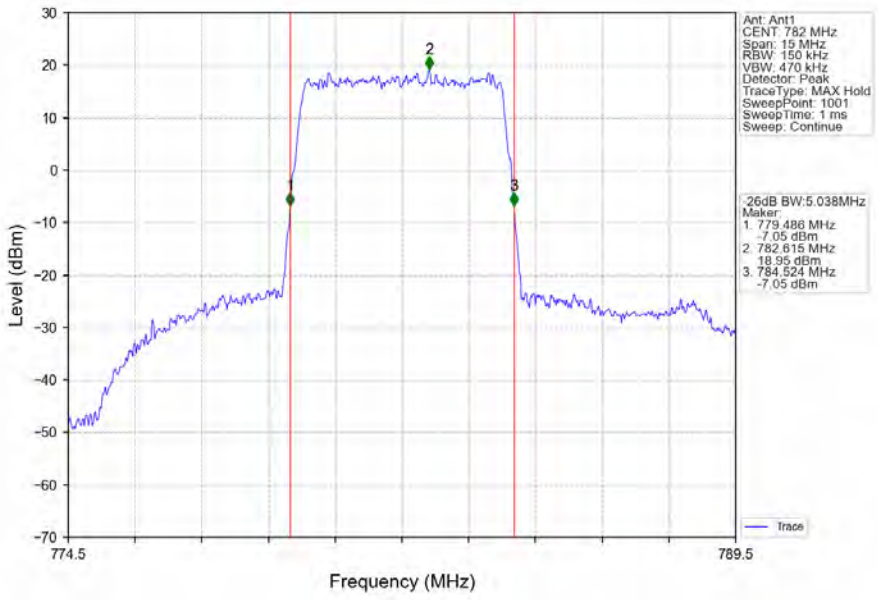

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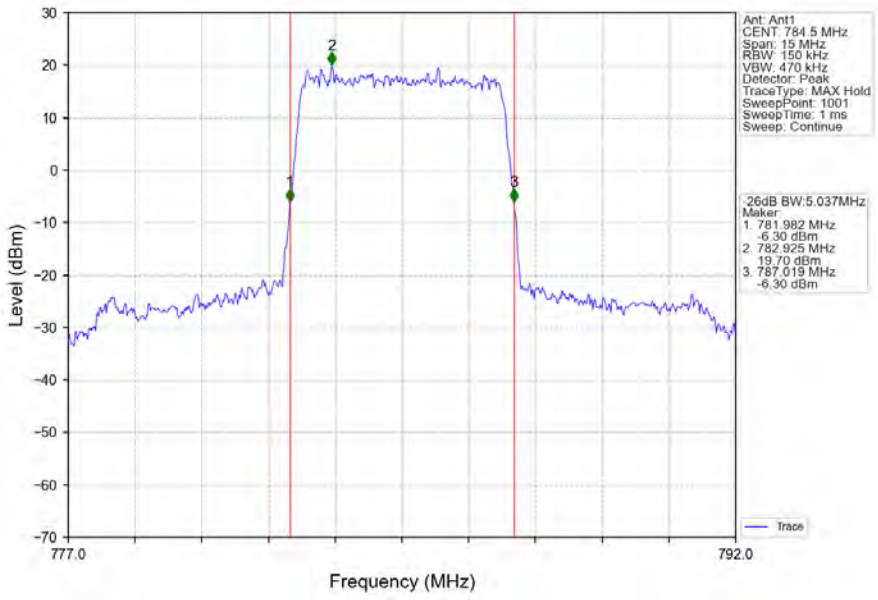

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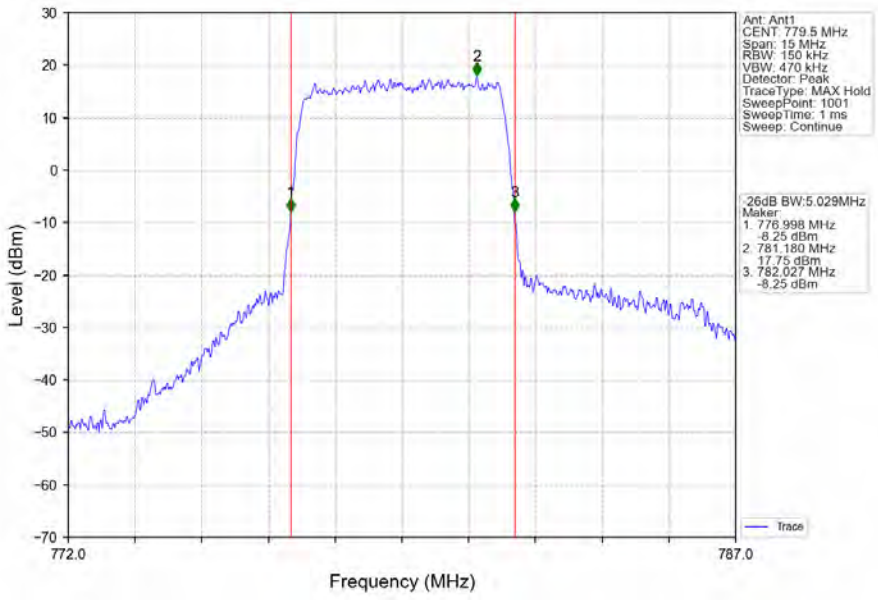

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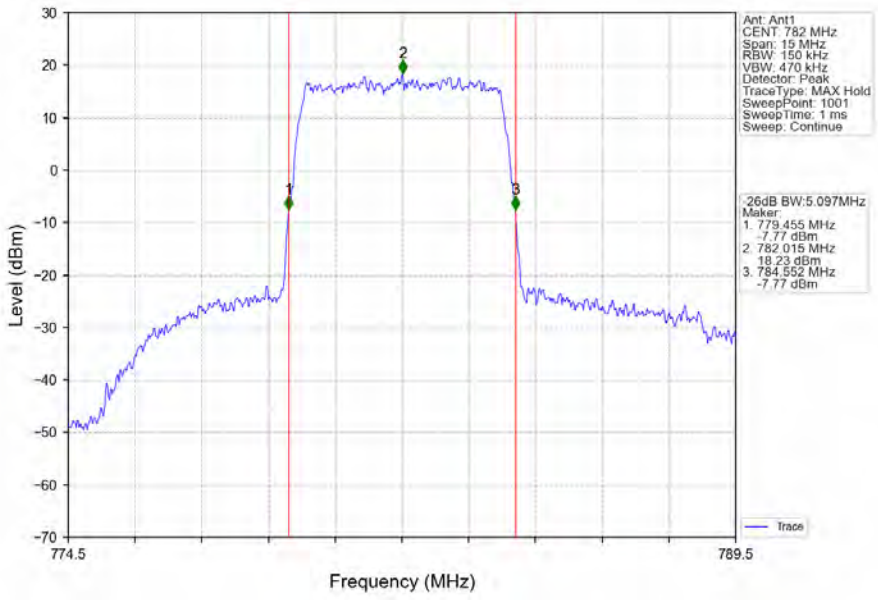

Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV

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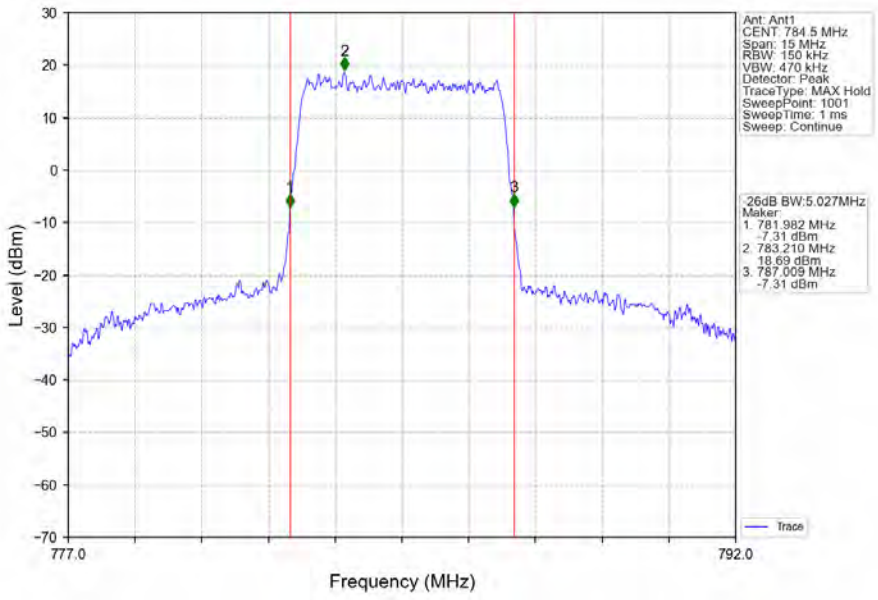

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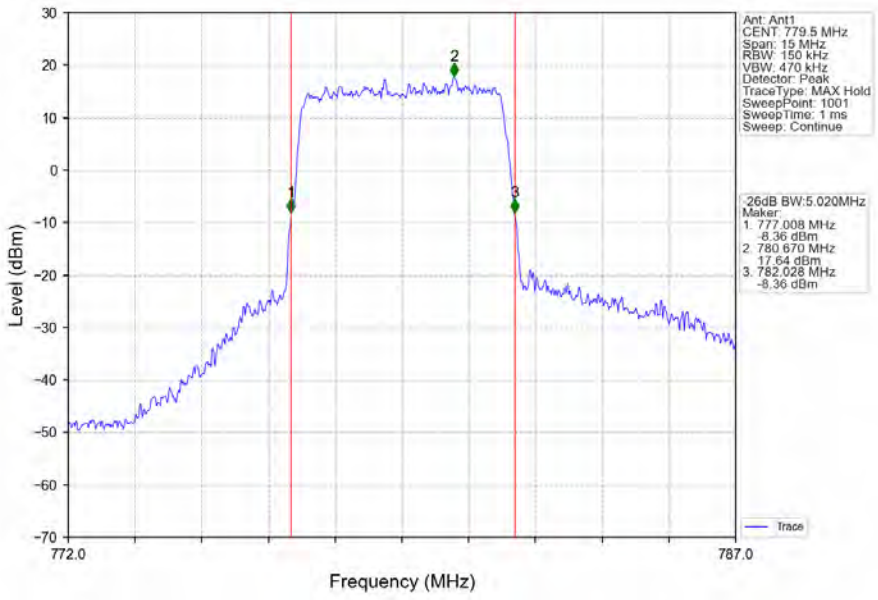
Band13_5MHz_64QAM_LCH_779.5MHz_RB_25_0_NTNV



Band13_5MHz_64QAM_MCH_782MHz_RB_25_0_NTNV

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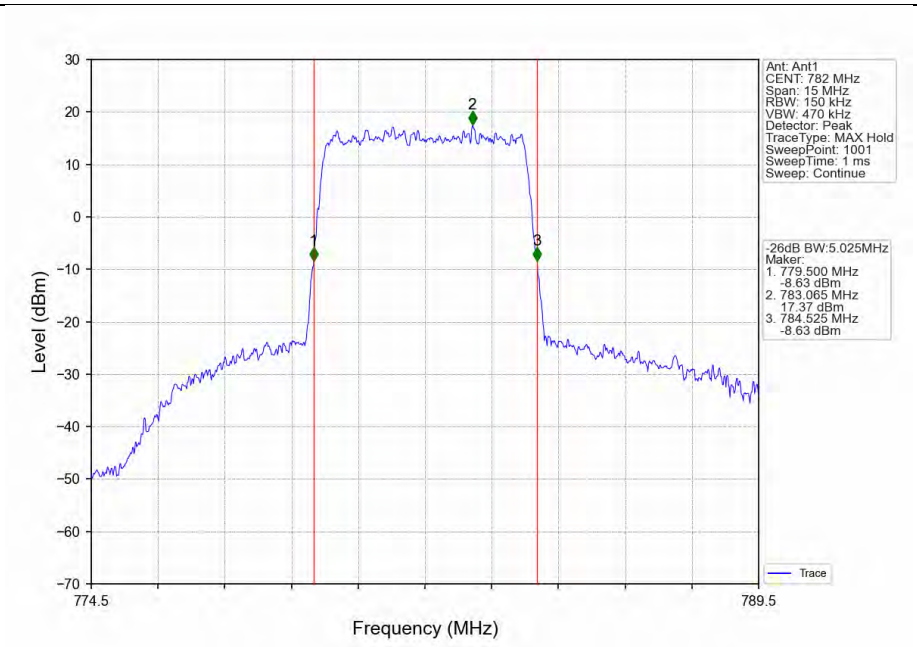

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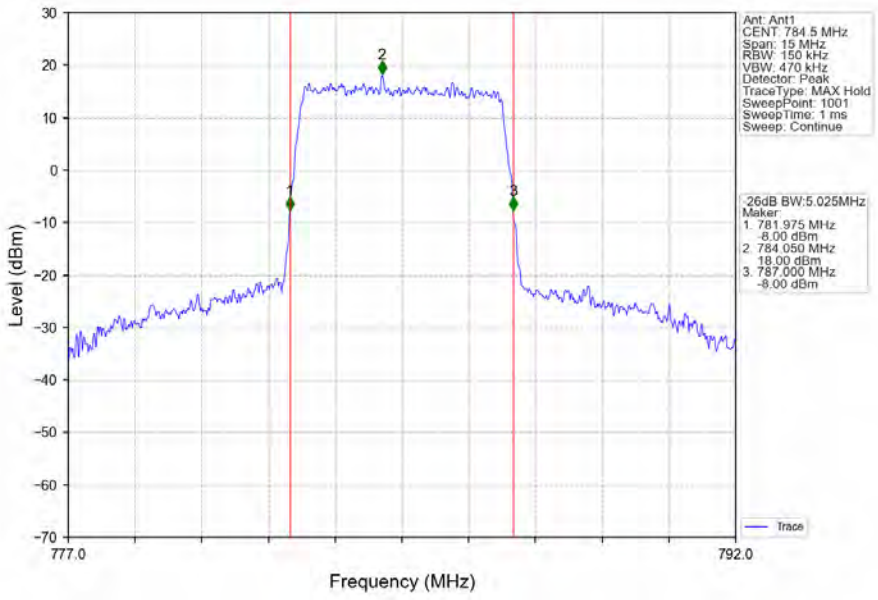

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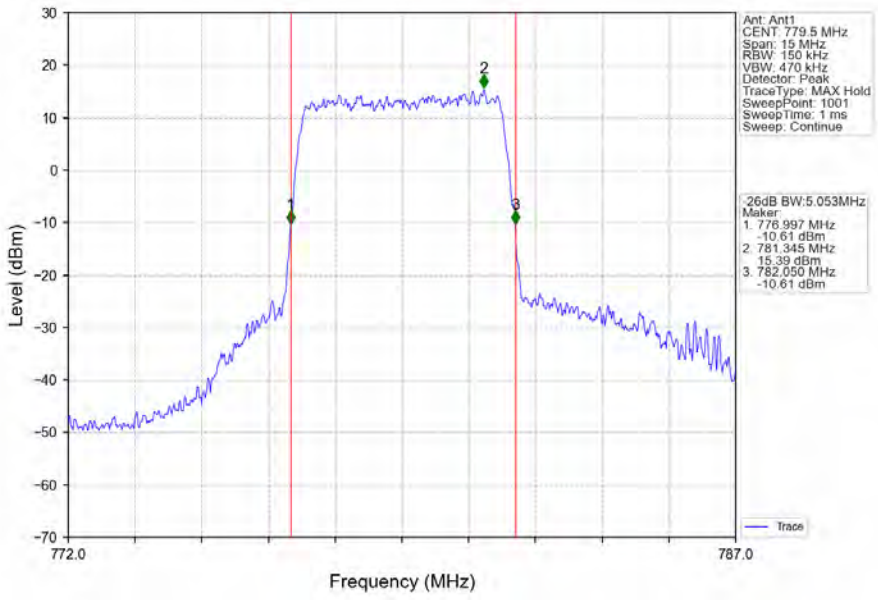

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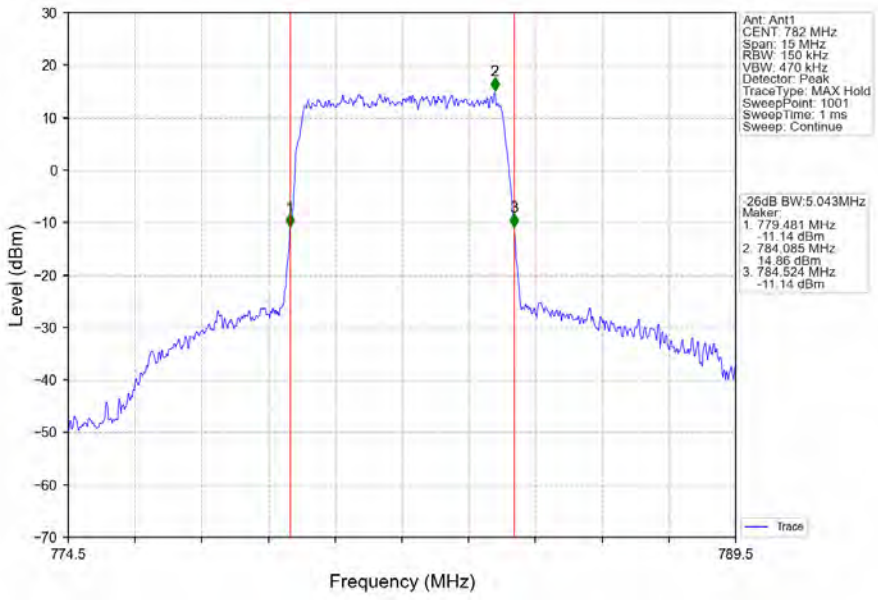

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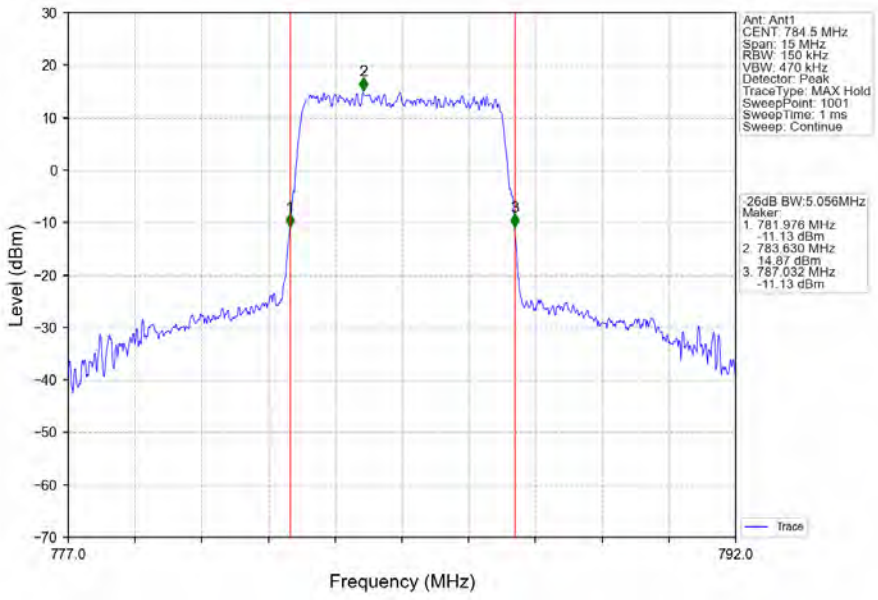

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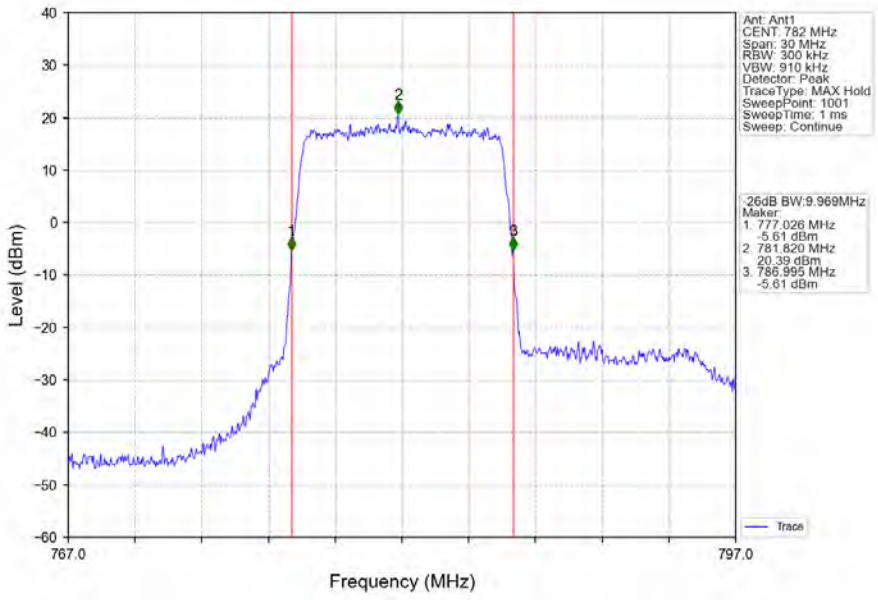
Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



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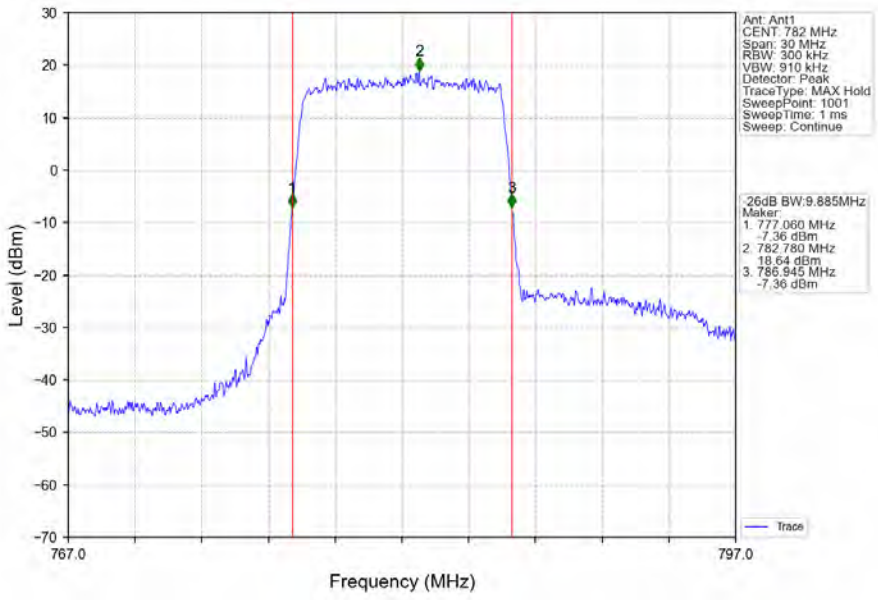

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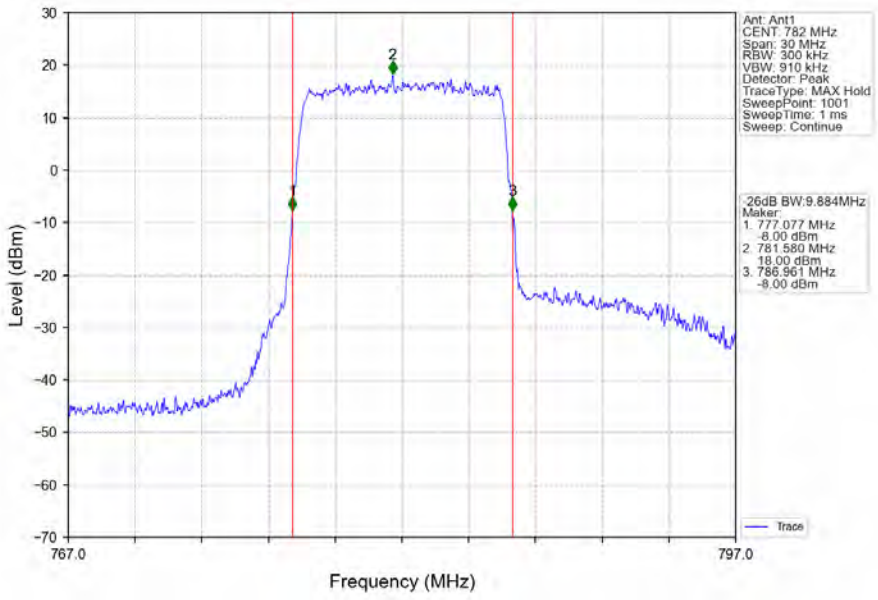

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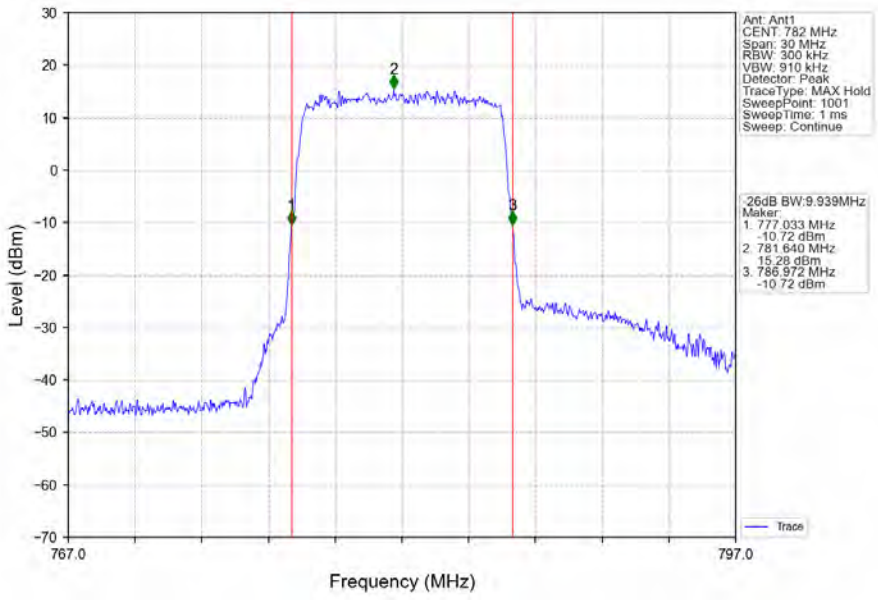

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4. Peak-Average Ratio

4.1 B13_5MHz

4.1.1 Test Result

Band: 13 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	779.5	25	0	5.14	<=13	Pass
	782	25	0	5.15	<=13	Pass
	784.5	25	0	5.19	<=13	Pass
16QAM	779.5	25	0	5.96	<=13	Pass
	782	25	0	5.94	<=13	Pass
	784.5	25	0	6.04	<=13	Pass
64QAM	779.5	25	0	6.72	<=13	Pass
	782	25	0	6.71	<=13	Pass
	784.5	25	0	6.72	<=13	Pass
256QAM	779.5	25	0	6.93	<=13	Pass
	782	25	0	6.90	<=13	Pass
	784.5	25	0	6.96	<=13	Pass

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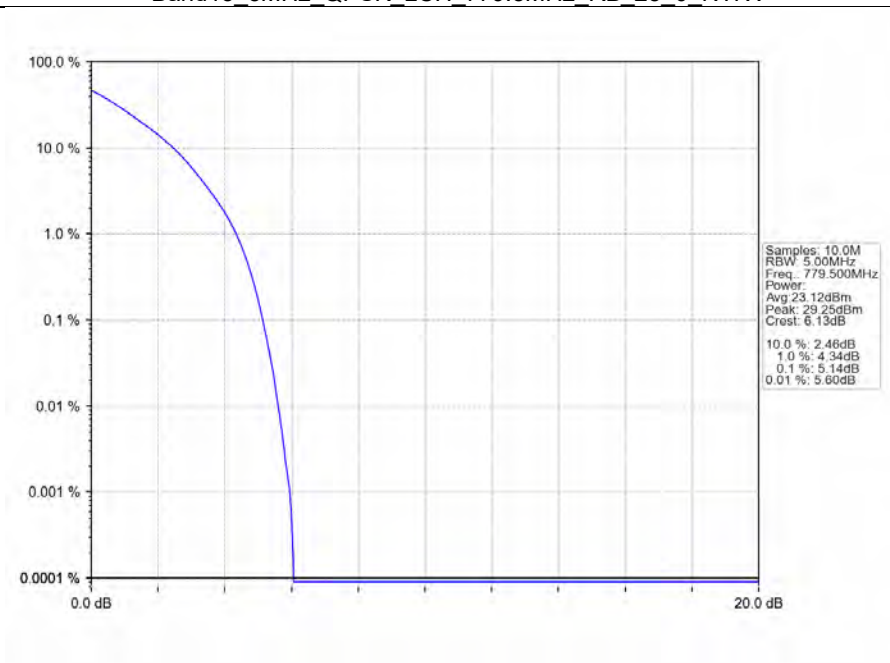
4.1.2 Test Graph

Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV



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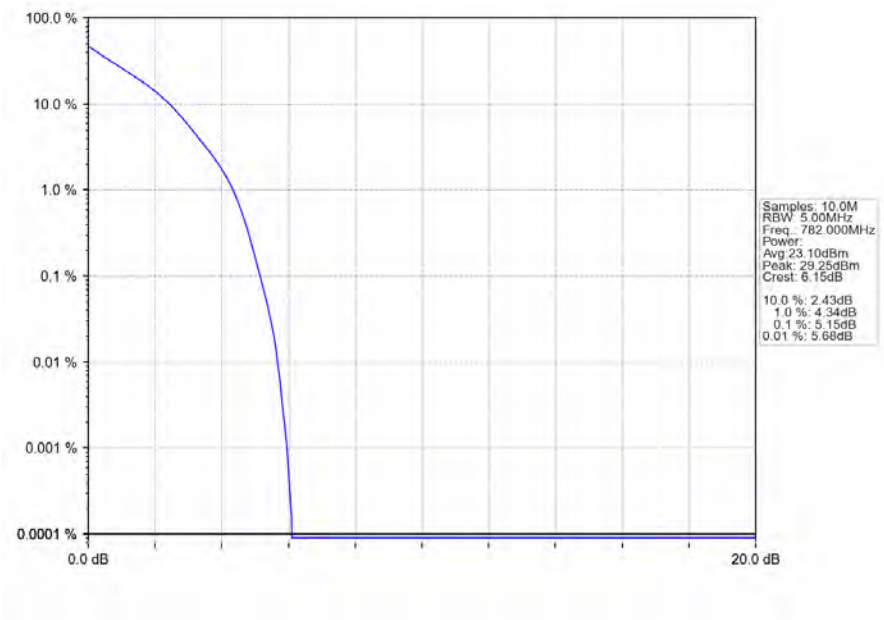

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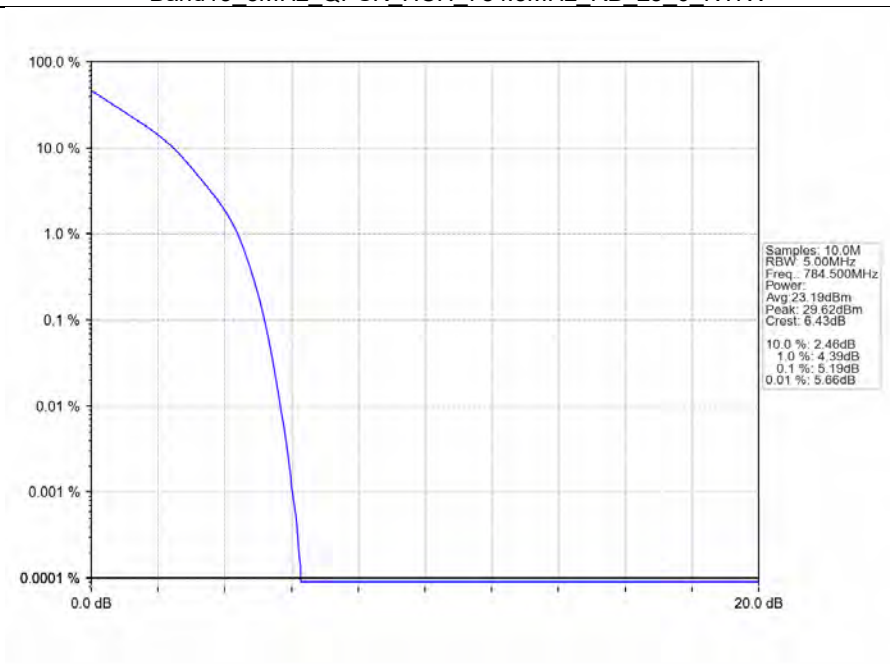
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV

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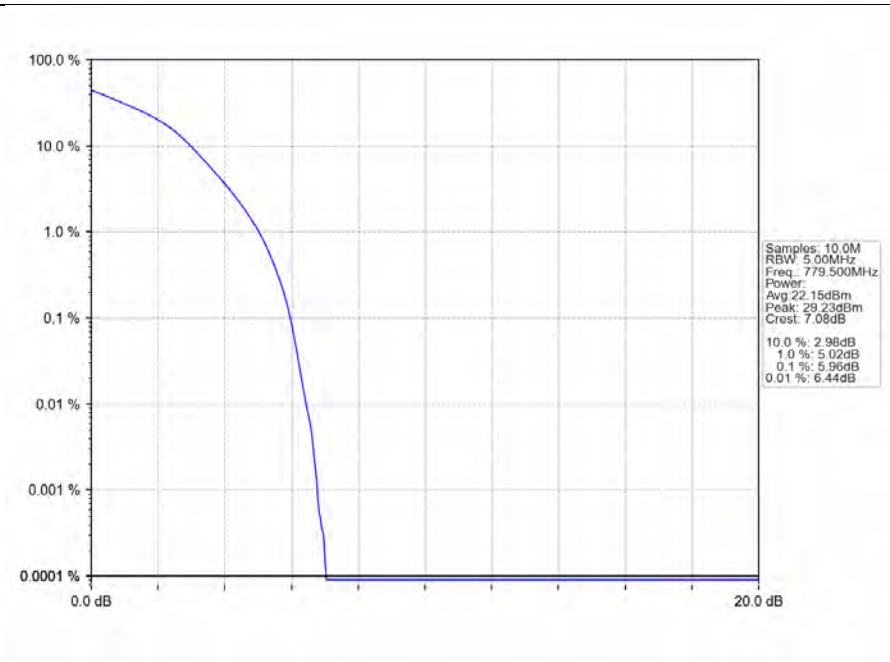

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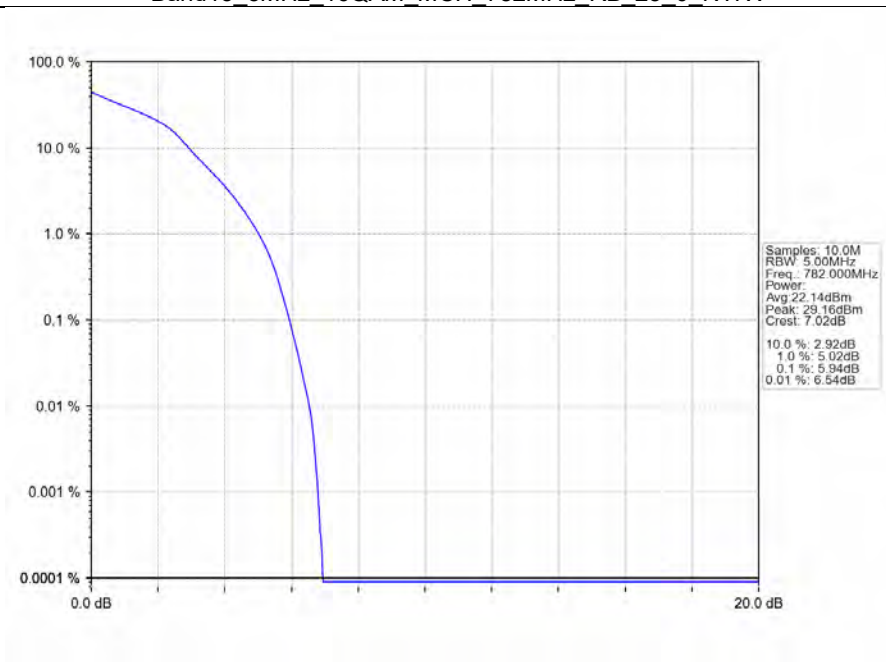
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



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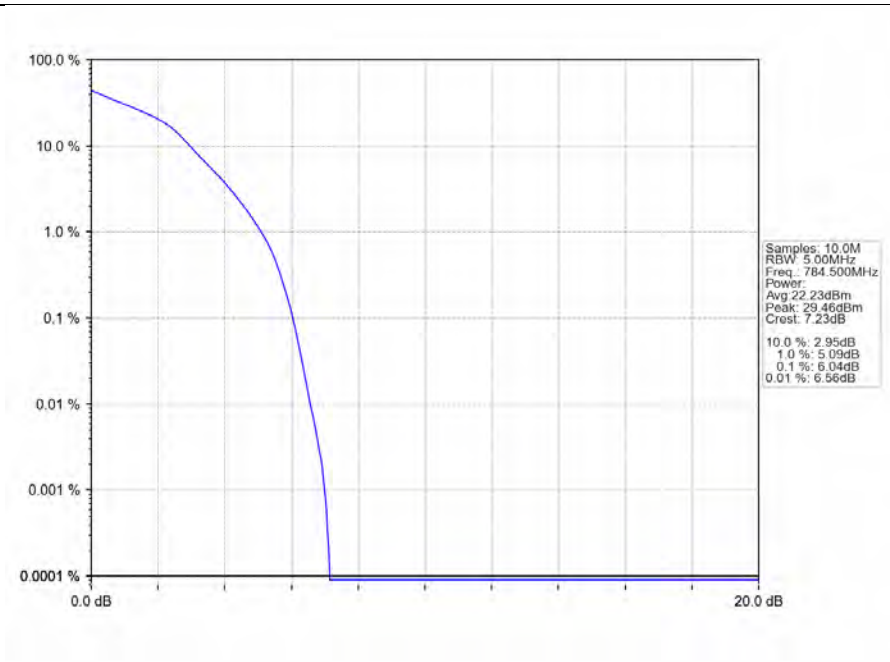

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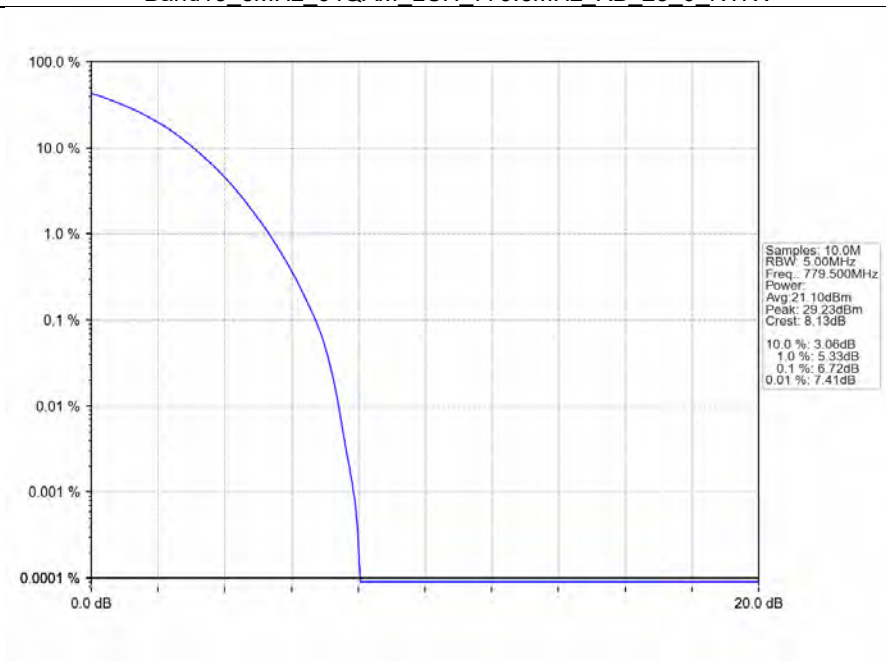
Band13_5MHz_64QAM_LCH_779.5MHz_RB_25_0_NTNV



Band13_5MHz_64QAM_MCH_782MHz_RB_25_0_NTNV

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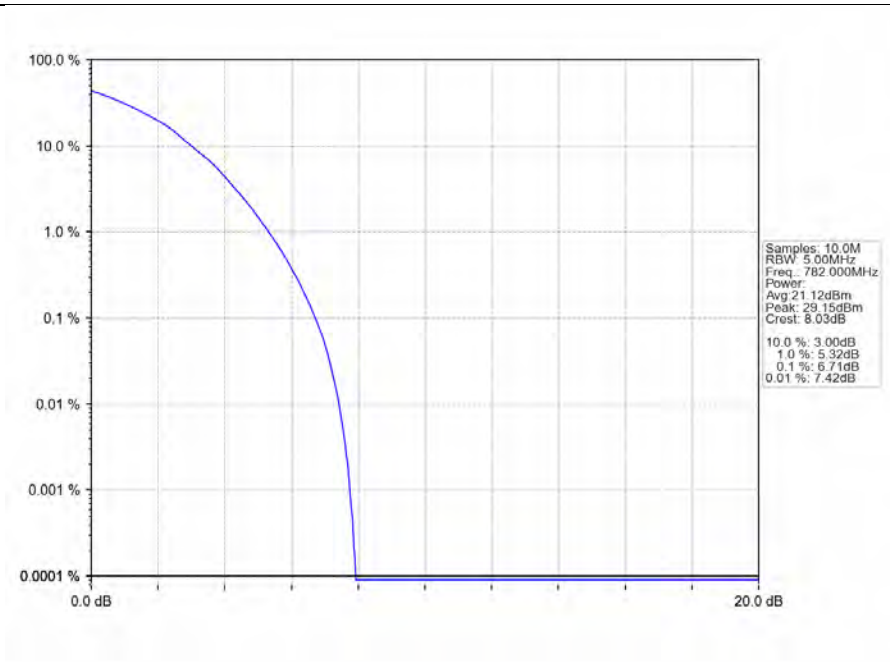

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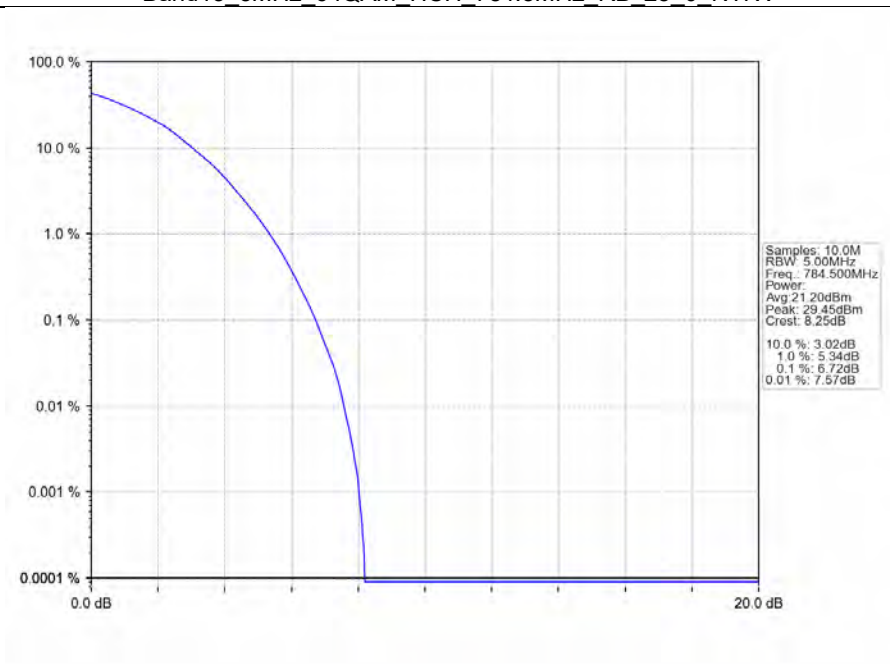

Band13_5MHz_256QAM_LCH_779.5MHz_RB_25_0_NTNV

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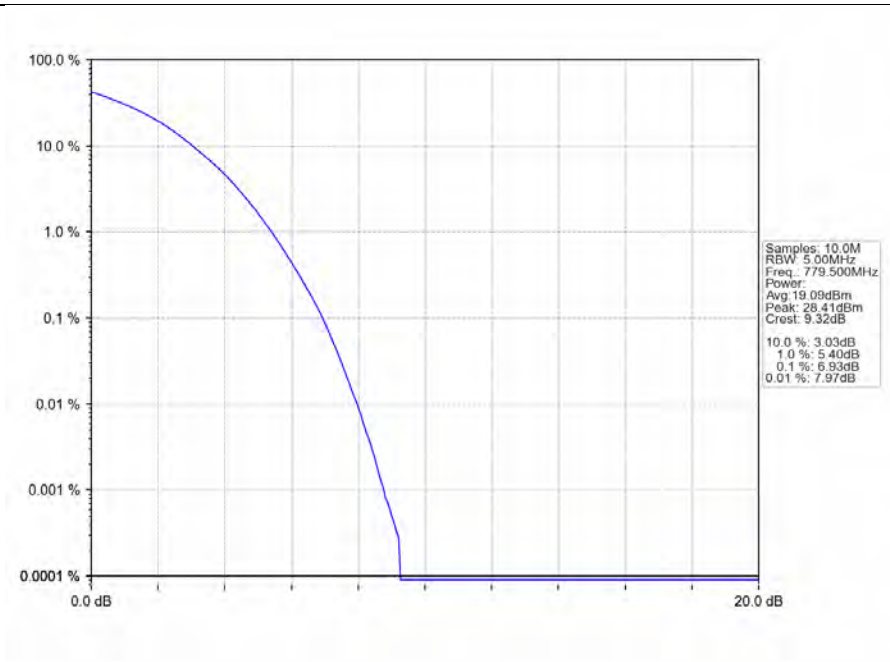

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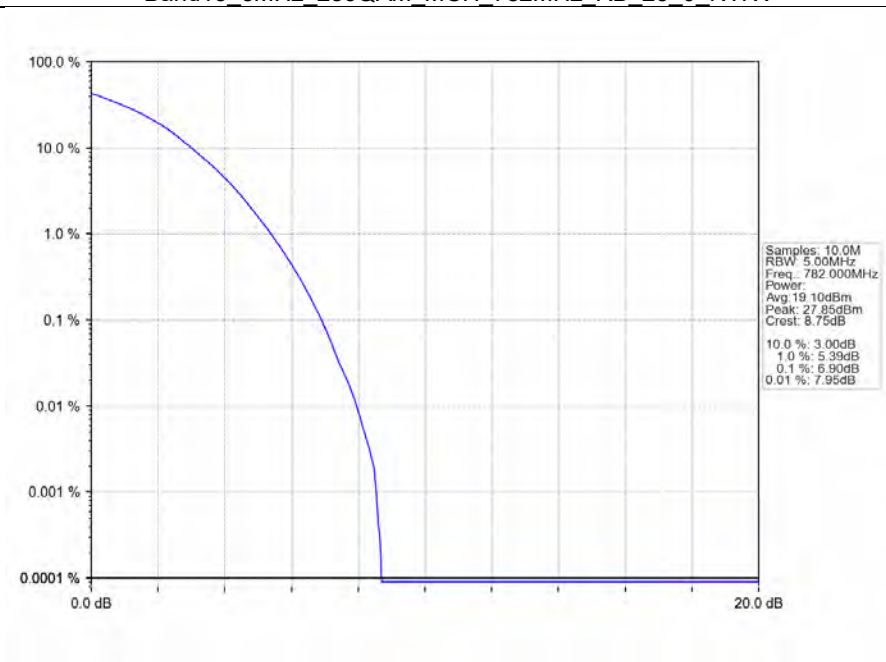

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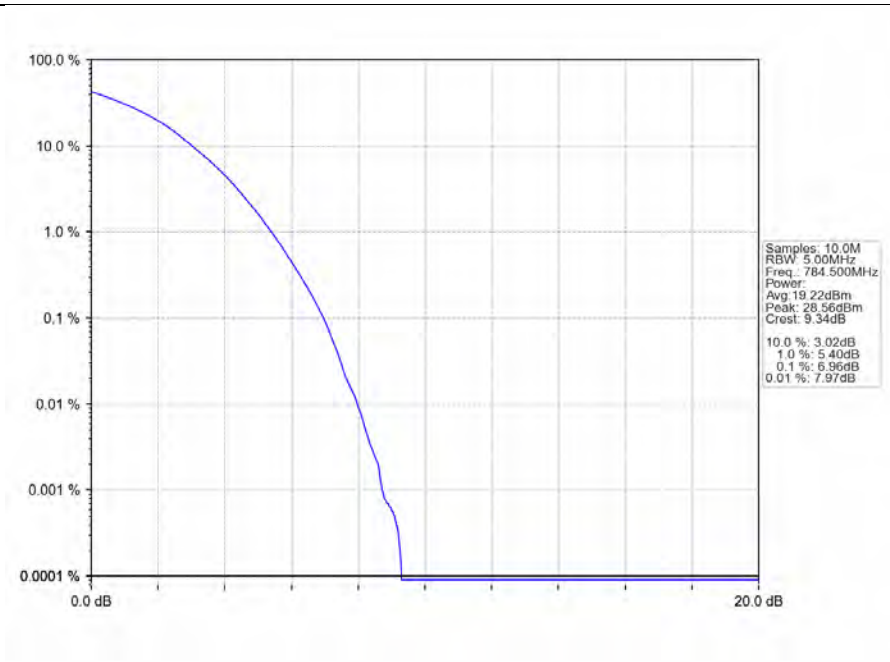

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4.2 B13_10MHz

4.2.1 Test Result

Band: 13 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	782	50	0	5.19	<=13	Pass
16QAM	782	50	0	6.05	<=13	Pass
64QAM	782	50	0	6.61	<=13	Pass
256QAM	782	50	0	6.77	<=13	Pass

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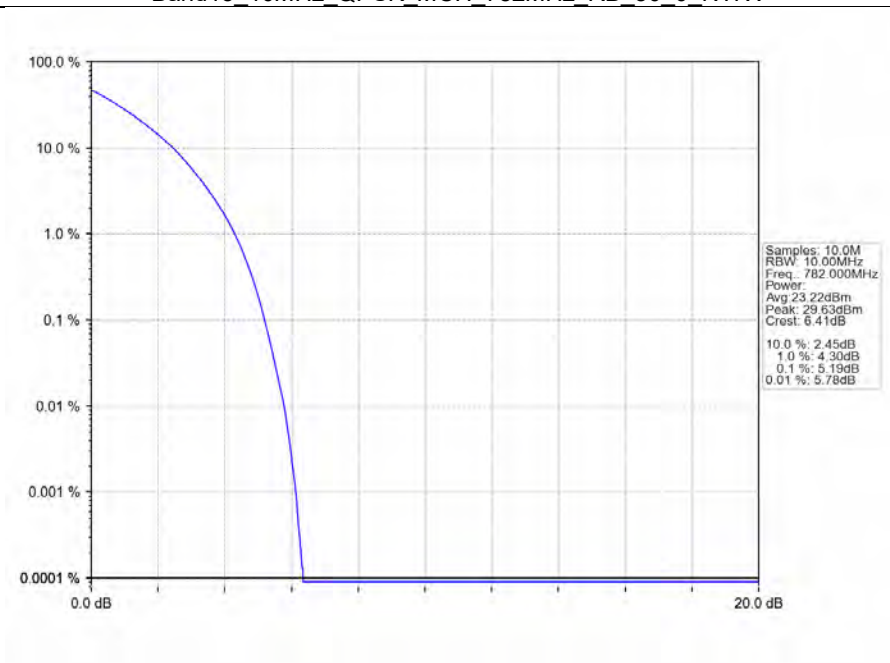
4.2.2 Test Graph

Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV

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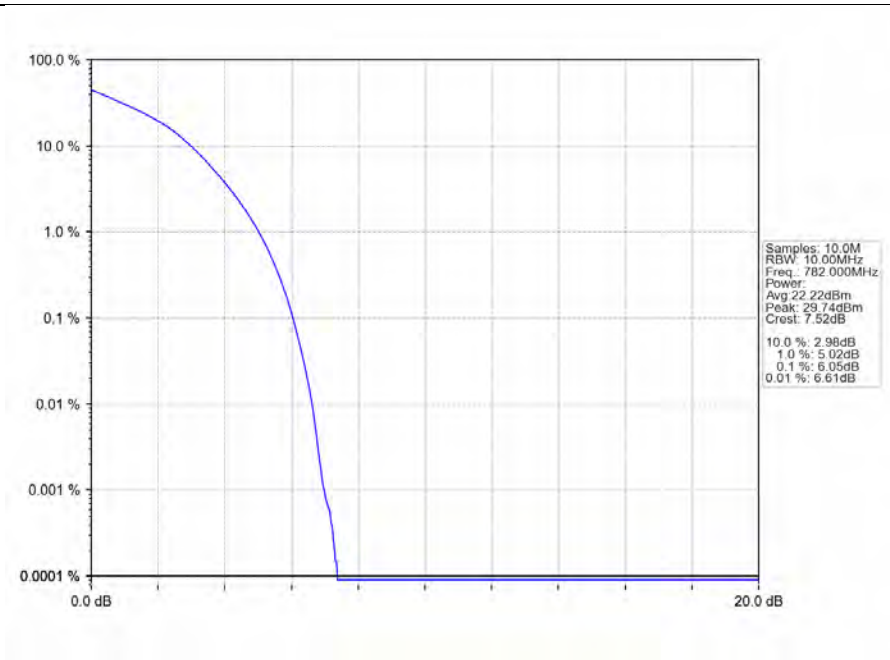

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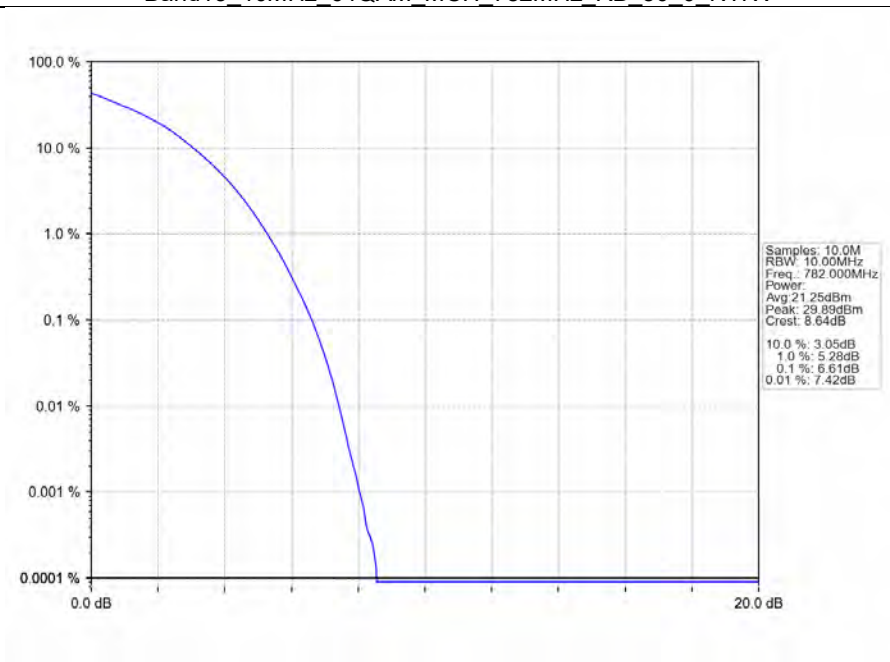
Band13_10MHz_64QAM_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_256QAM_MCH_782MHz_RB_50_0_NTNV

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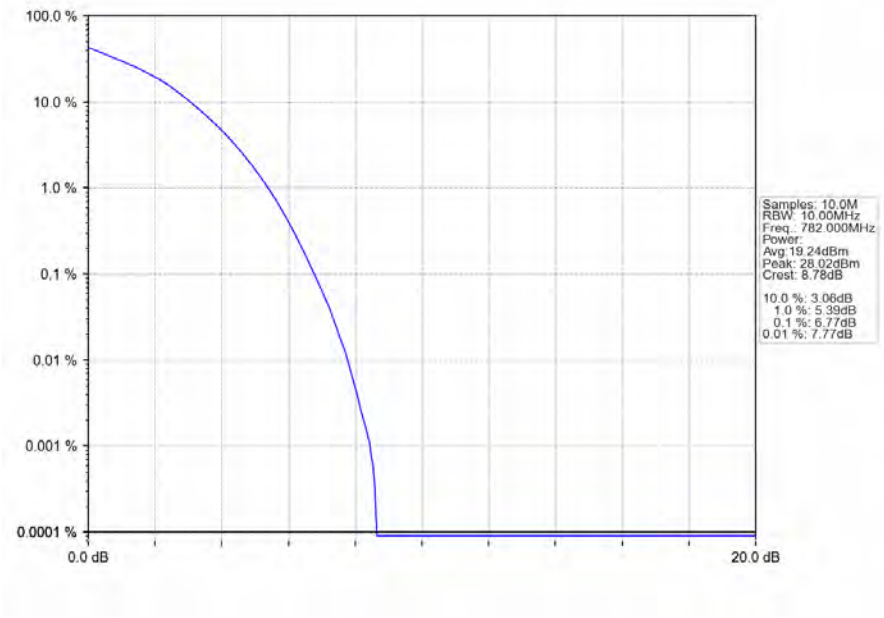

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5. Spurious Emission & Band Edges

5.1 B13_5MHz

5.1.1 Test Result

Band: 13 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	779.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	782	1	0	Refer To Test Graph		Pass
	784.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	779.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	782	1	0	Refer To Test Graph		Pass
	784.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
64QAM	779.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	782	1	0	Refer To Test Graph		Pass
	784.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
256QAM	779.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	782	1	0	Refer To Test Graph		Pass
	784.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

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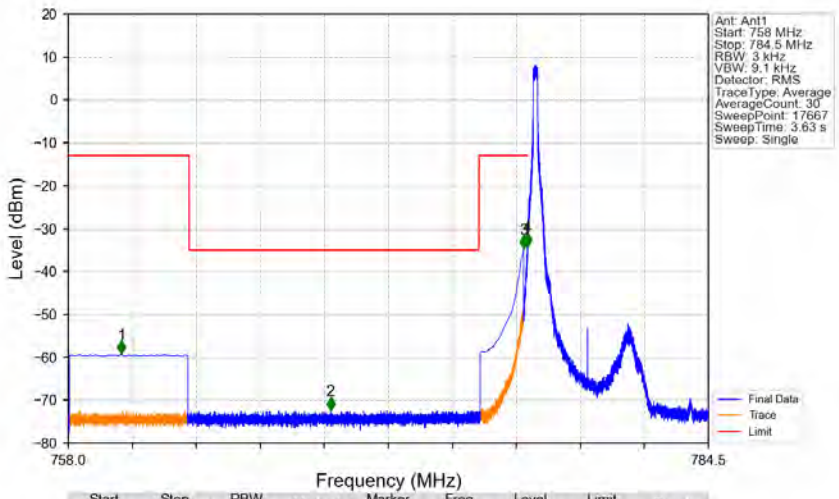
5.1.2 Test Graph

Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	760.207	-59.22	-13	Pass
763	775	0.00625	/	2	768.856	-72.32	-35	Pass
775	776.9	0.1	CHP	3	776.850	-34.62	-13	Pass
776.9	777	0.03	/	4	777.000	-34.08	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV

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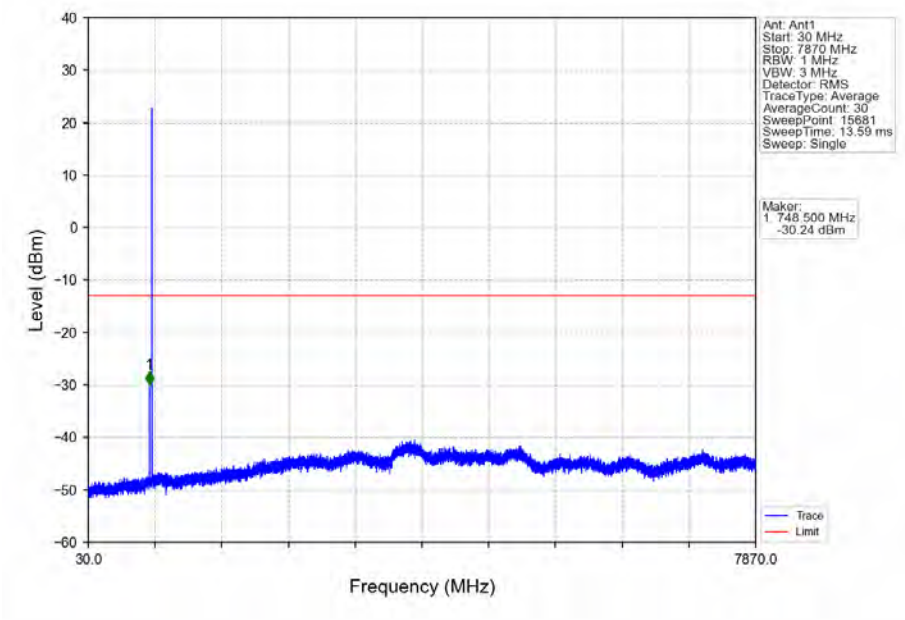

Remark: for 1559-1610MHz, emission level is less than the limit of -70dBw/MHz(-40dBm/MHz), so it's pass.

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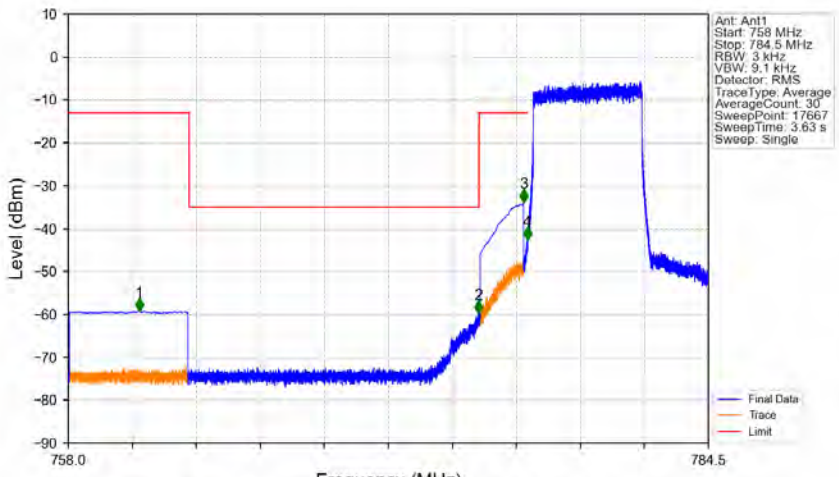
Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	760.930	-59.27	-13	Pass
763	775	0.00625	/	2	774.982	-59.79	-35	Pass
775	776.9	0.1	CHP	3	776.850	-33.98	-13	Pass
776.9	777	0.03	/	4	777.000	-42.72	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV

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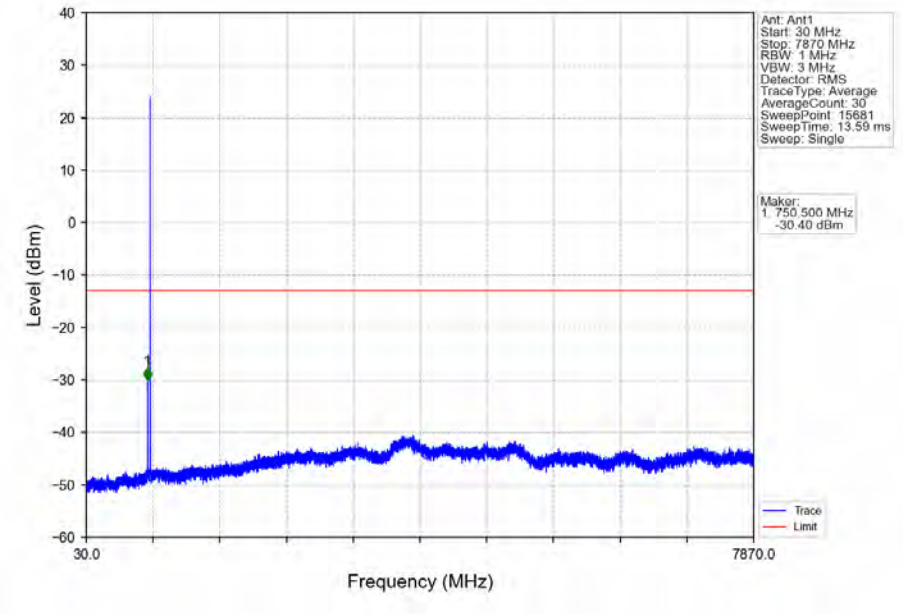

Remark: for 1559-1610MHz, emission level is less than the limit of -70dBw/MHz(-40dBm/MHz), so it's pass.

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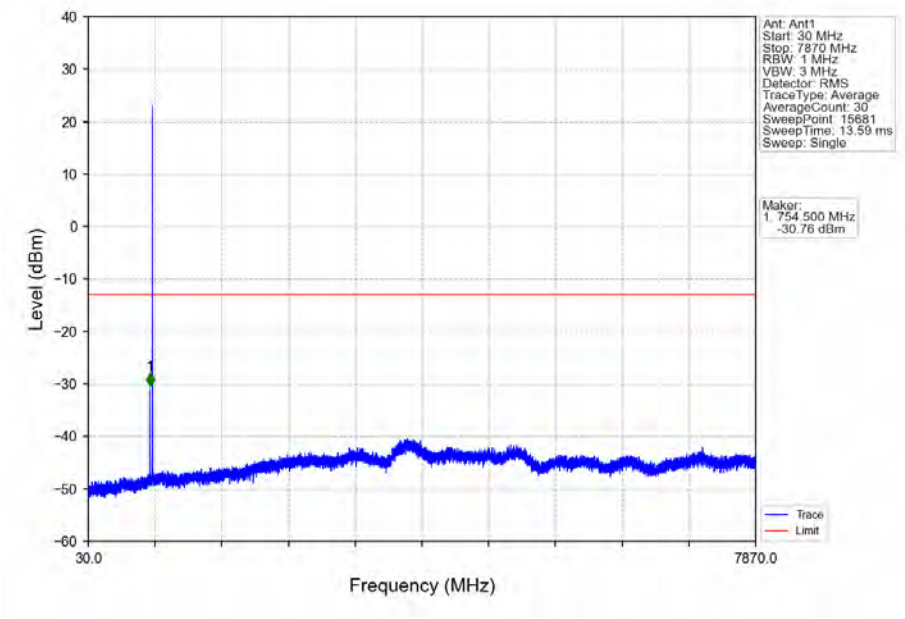
Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV



Remark: for 1559-1610MHz, emission level is less than the limit of -70dBw/MHz(-40dBm/MHz), so it's pass.

Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_24_NTNV

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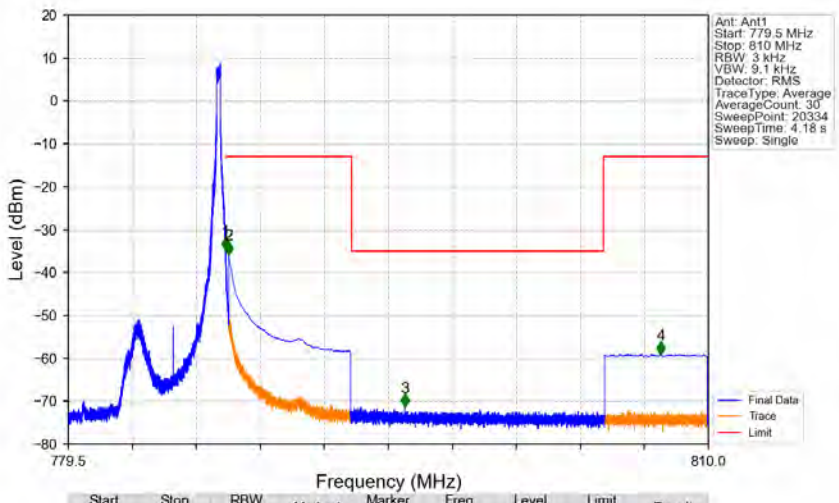

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	1	787.000	-34.84	-13	Pass
787.1	793	0.1	CHP	2	787.150	-35.82	-13	Pass
793	805	0.00625	/	3	795.528	-71.36	-35	Pass
805	810	0.1	CHP	4	807.733	-59.12	-13	Pass

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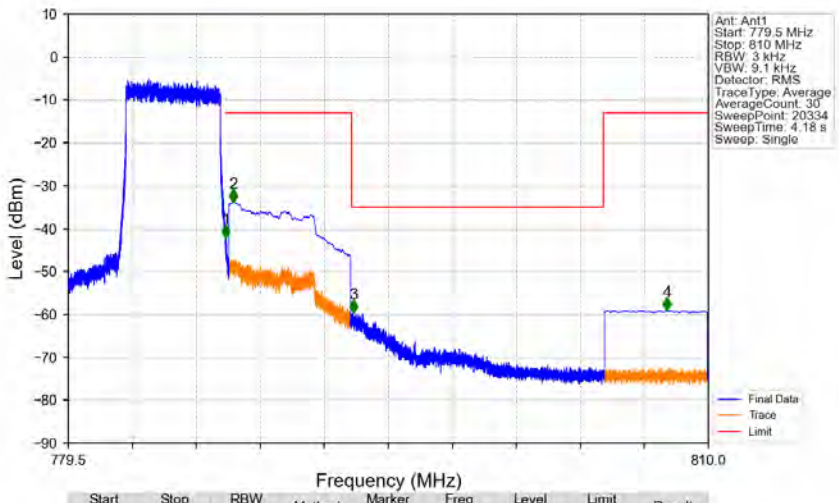

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	1	787.002	-42.26	-13	Pass
787.1	793	0.1	CHP	2	787.372	-33.86	-13	Pass
793	805	0.00625	/	3	793.074	-59.74	-35	Pass
805	810	0.1	CHP	4	808.021	-59.17	-13	Pass

Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV

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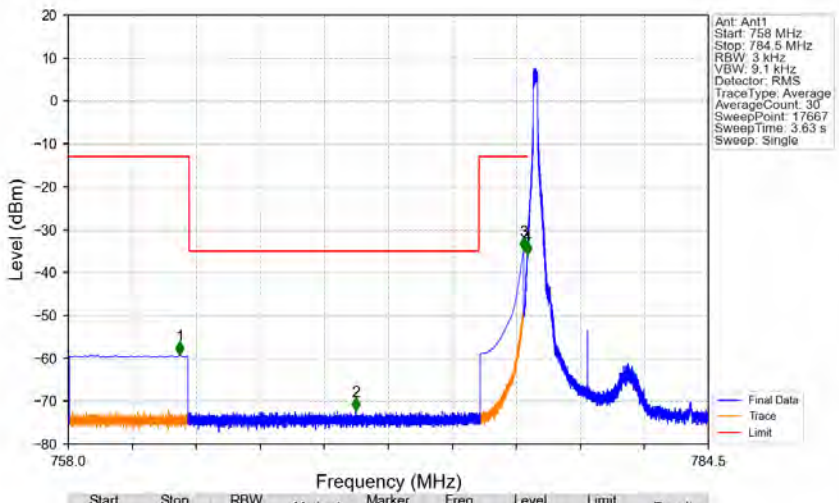

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.616	-59.26	-13	Pass
763	775	0.00625	/	2	769.901	-72.21	-35	Pass
775	776.9	0.1	CHP	3	776.850	-34.89	-13	Pass
776.9	777	0.03	/	4	777.000	-35.98	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

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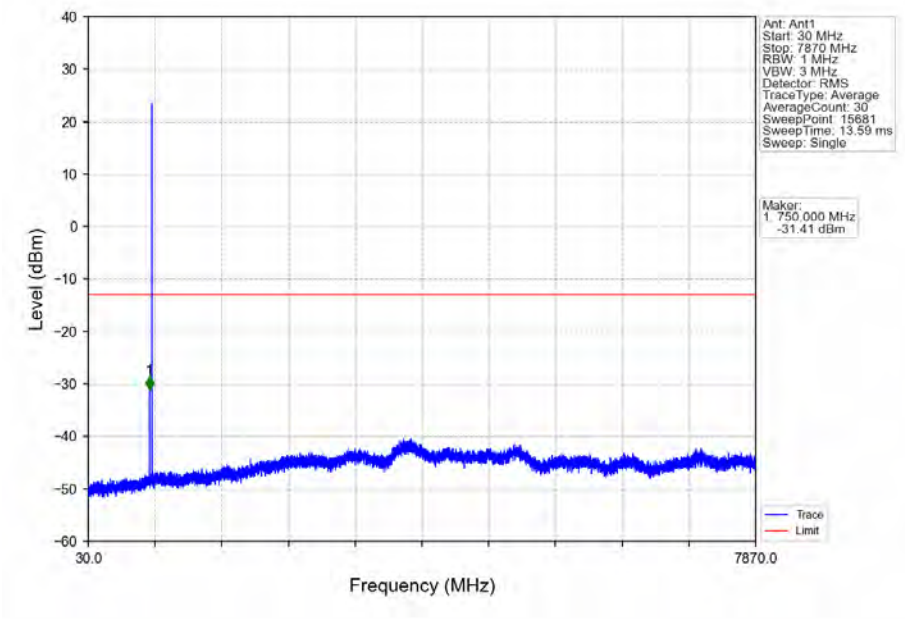
Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV



Remark: for 1559-1610MHz, emission level is less than the limit of -70dBw/MHz(-40dBm/MHz), so it's pass.

Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV

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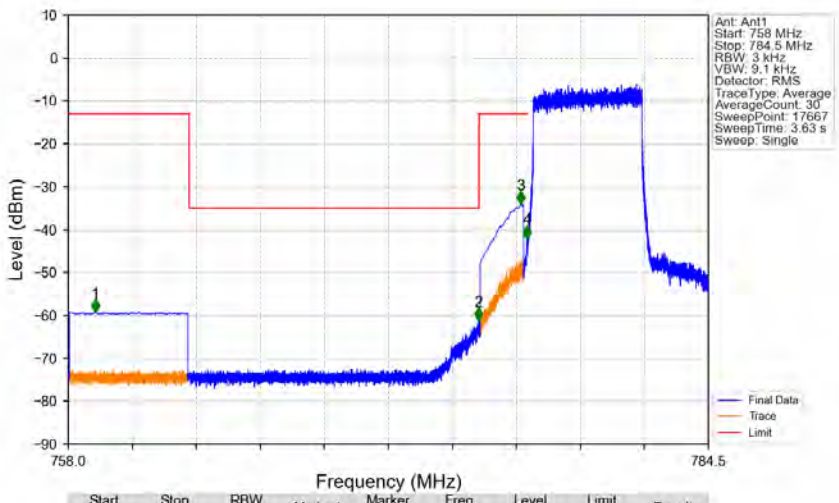

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	759.113	-59.27	-13	Pass
763	775	0.00625	/	2	774.990	-61.28	-35	Pass
775	776.9	0.1	CHP	3	776.733	-34.17	-13	Pass
776.9	777	0.03	/	4	776.988	-42.13	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

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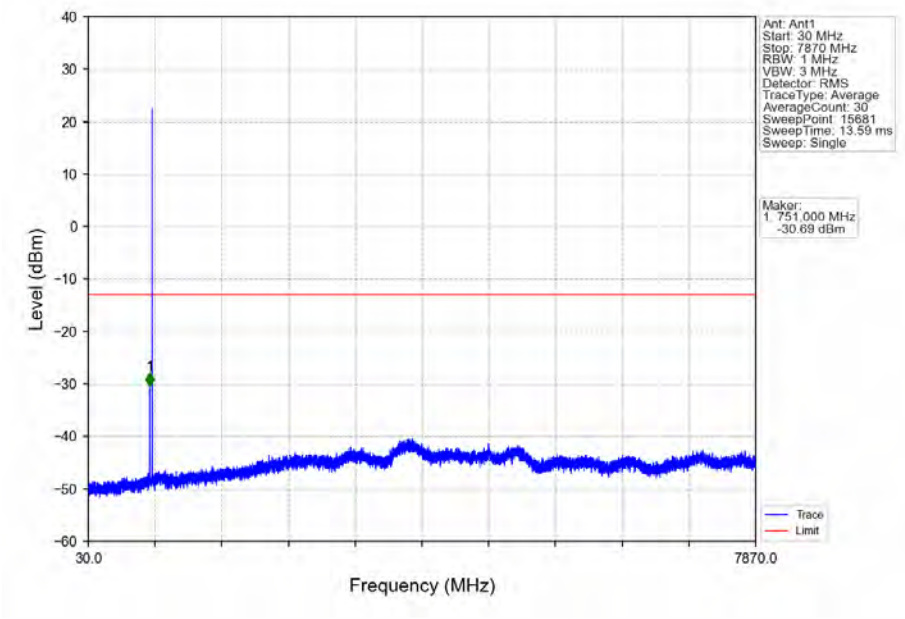
Band13_5MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



Remark: for 1559-1610MHz, emission level is less than the limit of -70dBw/MHz(-40dBm/MHz), so it's pass.

Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_0_NTNV

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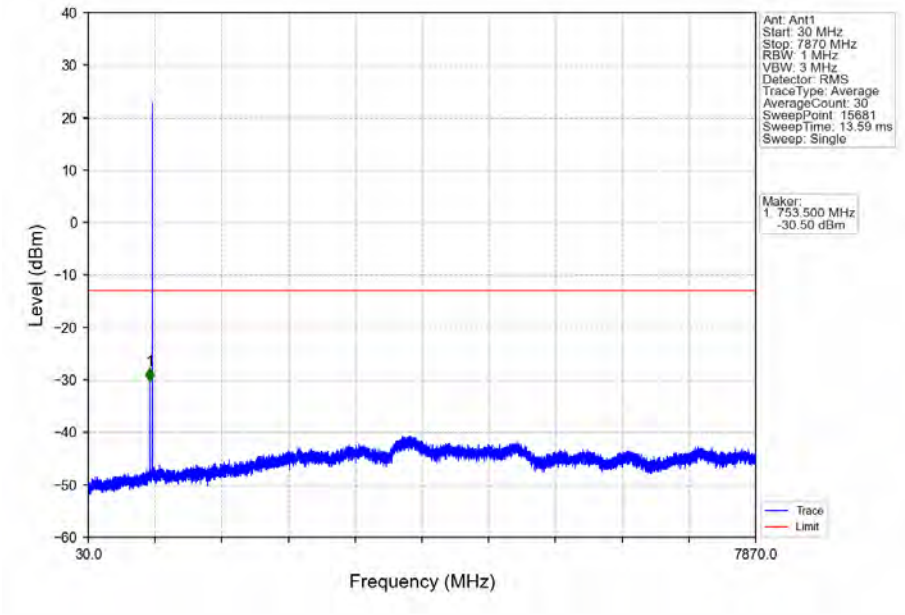

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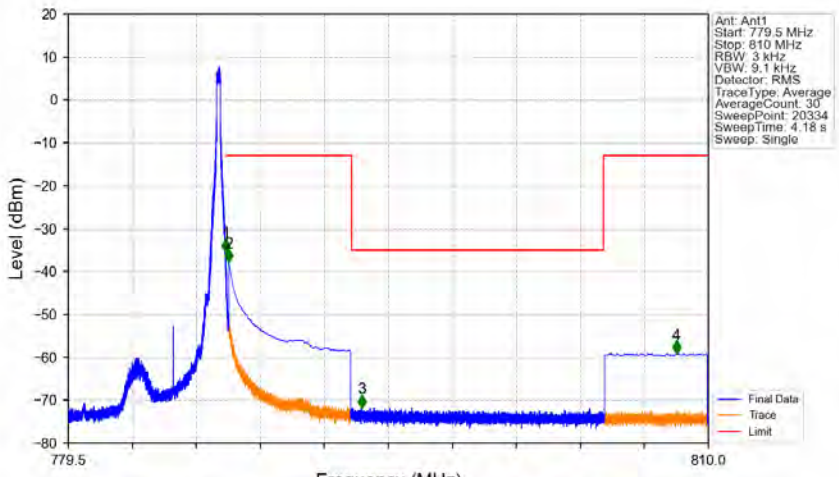
Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	1	787.002	-35.48	-13	Pass
787.1	793	0.1	CHP	2	787.150	-37.85	-13	Pass
793	805	0.00625	/	3	793.477	-71.82	-35	Pass
805	810	0.1	CHP	4	808.488	-59.15	-13	Pass

Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV

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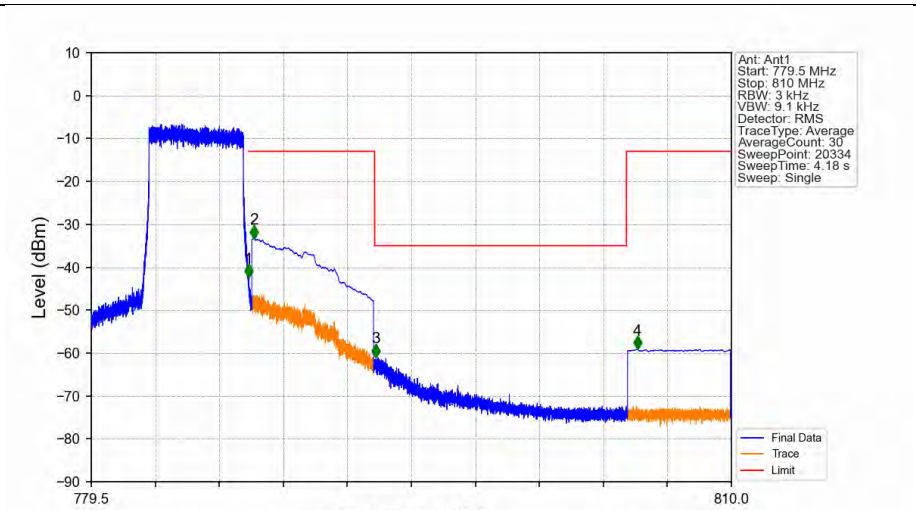

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	1	787.000	-42.40	-13	Pass
787.1	793	0.1	CHP	2	787.269	-33.32	-13	Pass
793	805	0.00625	/	3	793.072	-61.01	-35	Pass
805	810	0.1	CHP	4	805.512	-59.16	-13	Pass

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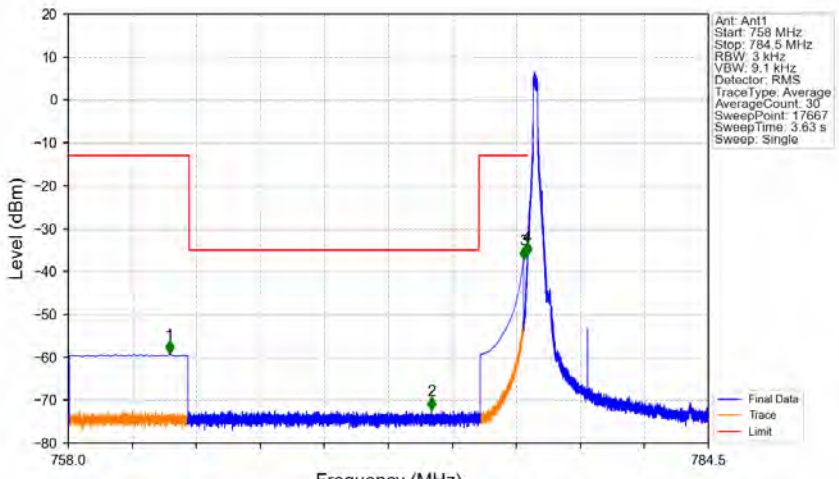
Band13_5MHz_64QAM_LCH_779.5MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.199	-59.21	-13	Pass
763	775	0.00625	/	2	773.044	-72.34	-35	Pass
775	776.9	0.1	CHP	3	776.850	-37.26	-13	Pass
776.9	777	0.03	/	4	777.000	-36.26	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

Band13_5MHz_64QAM_LCH_779.5MHz_RB_1_0_NTNV

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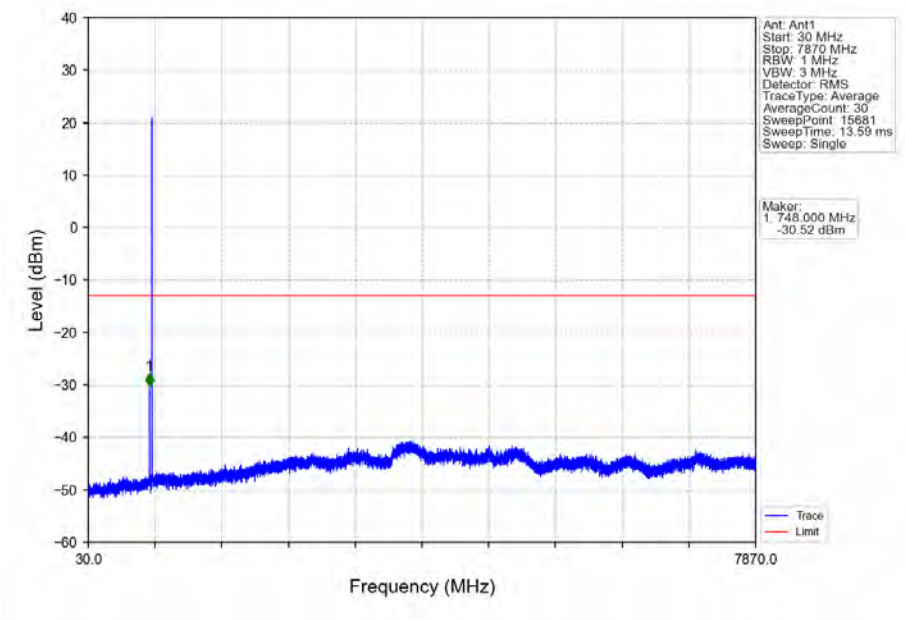

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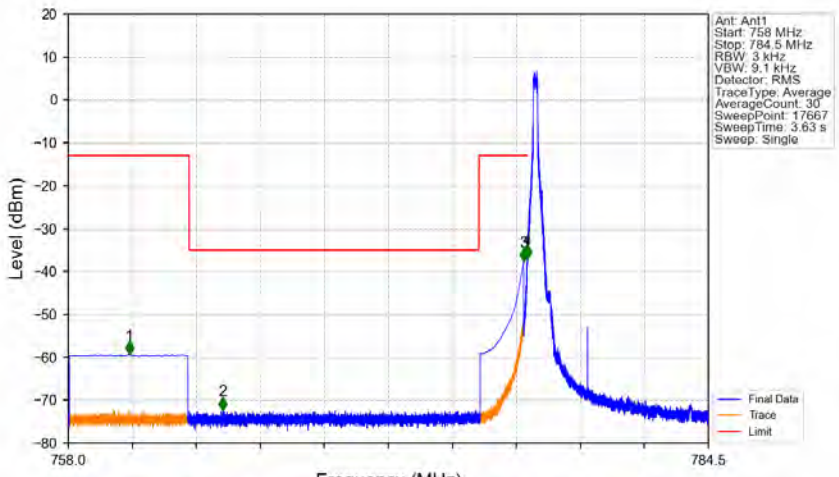

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	760.534	-59.33	-13	Pass
763	775	0.00625	/	2	764.401	-72.36	-35	Pass
775	776.9	0.1	CHP	3	776.850	-37.67	-13	Pass
776.9	777	0.03	/	4	777.000	-36.93	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

Band13_5MHz_64QAM_MCH_782MHz_RB_1_0_NTNV

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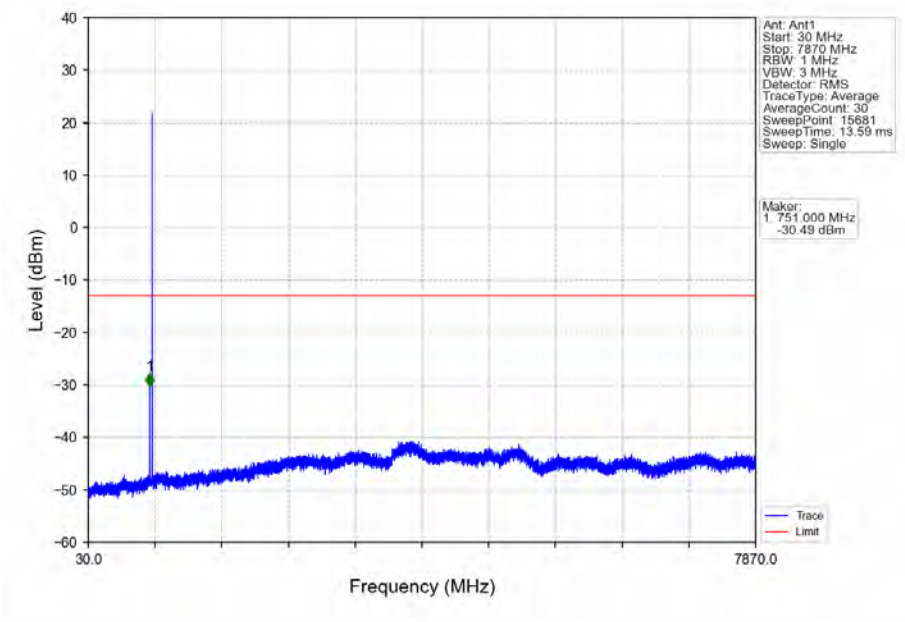

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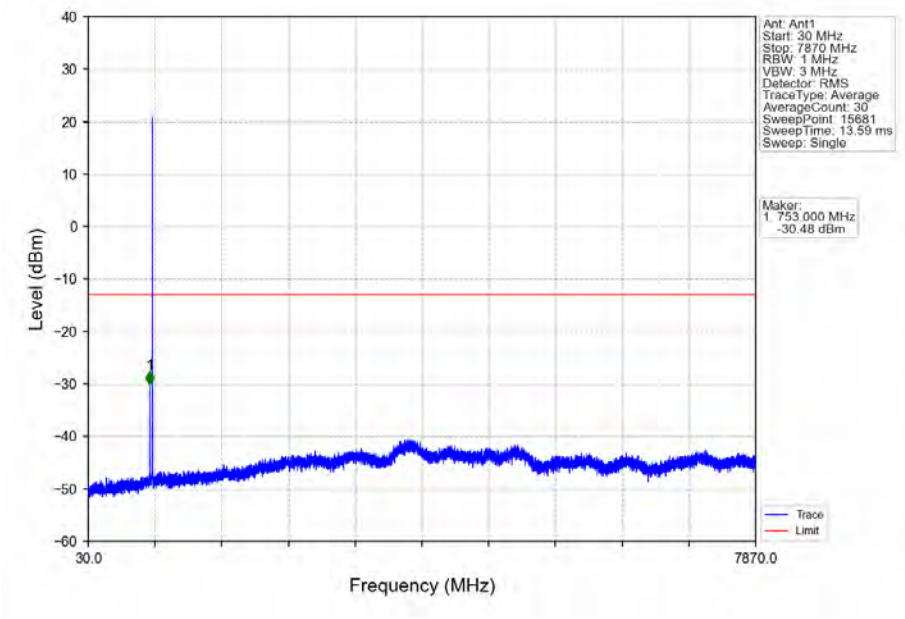

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Band13_5MHz_64QAM_HCH_784.5MHz_RB_1_24_NTNV

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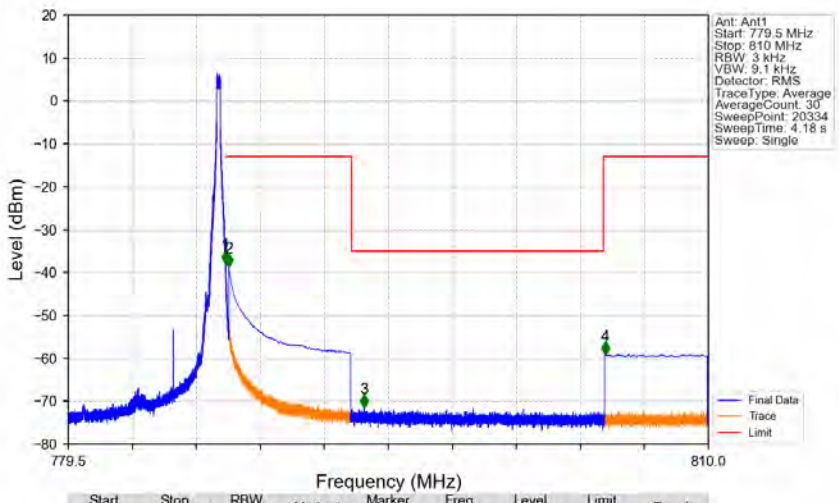

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793	805	0.00625	/	3	793.596	-71.52	-35	Pass
805	810	0.1	CHP	4	805.081	-59.14	-13	Pass

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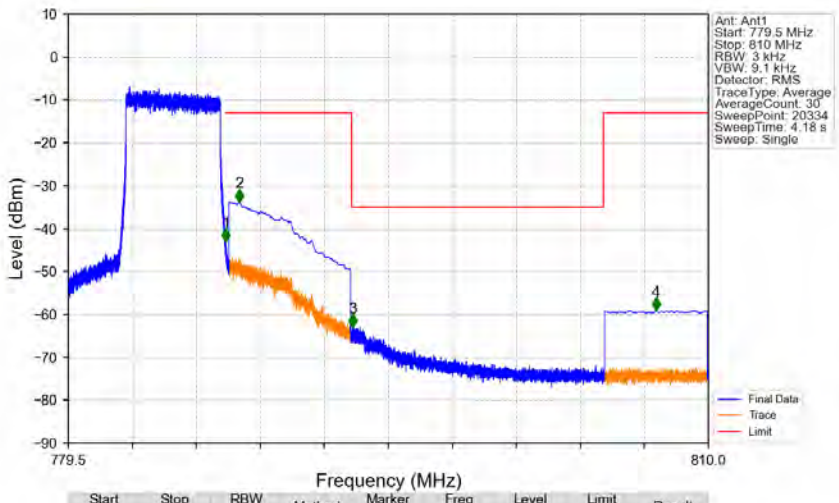
Band13_5MHz_64QAM_HCH_784.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	1	787.012	-43.11	-13	Pass
787.1	793	0.1	CHP	2	787.638	-33.85	-13	Pass
793	805	0.00625	/	3	793.038	-62.98	-35	Pass
805	810	0.1	CHP	4	807.502	-59.16	-13	Pass

Band13_5MHz_256QAM_LCH_779.5MHz_RB_1_0_NTNV

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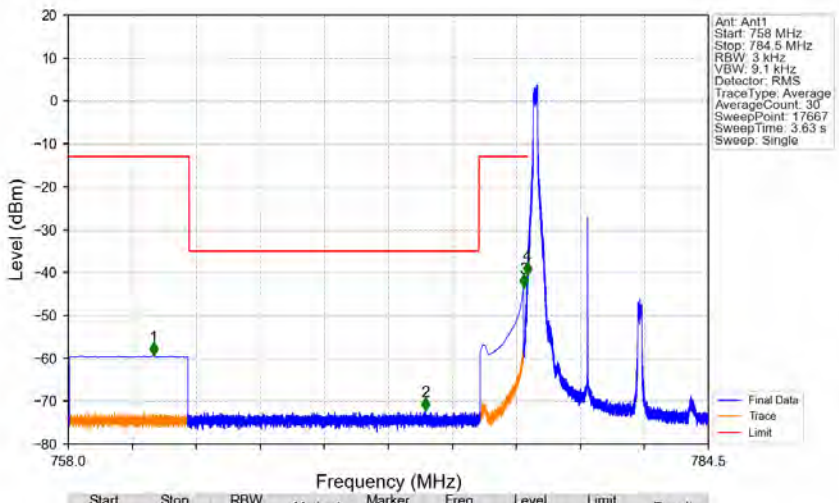

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	761.528	-59.38	-13	Pass
763	775	0.00625	/	2	772.783	-72.31	-35	Pass
775	776.9	0.1	CHP	3	776.850	-43.57	-13	Pass
776.9	777	0.03	/	4	777.000	-40.58	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

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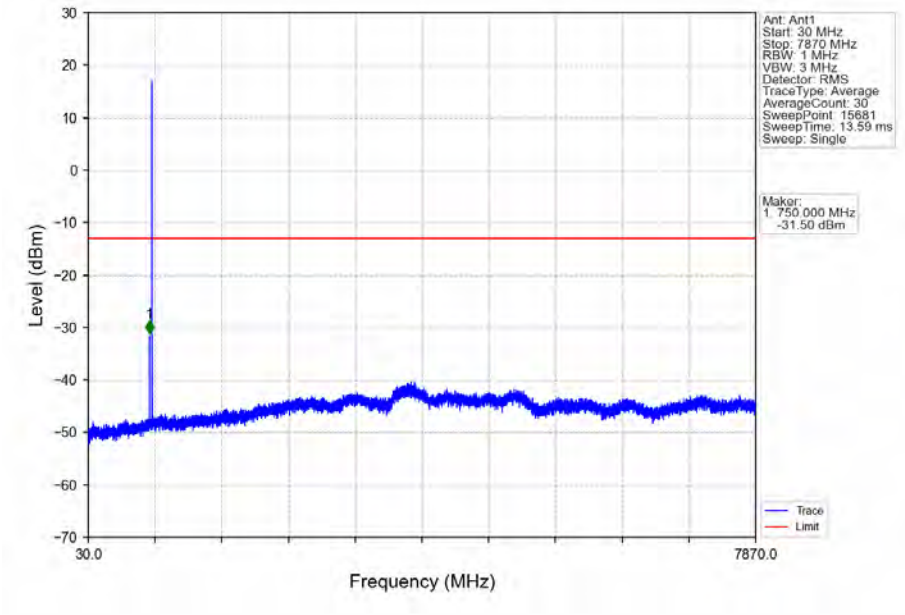
Band13_5MHz_256QAM_LCH_779.5MHz_RB_1_0_NTNV



Remark: for 1559-1610MHz, emission level is less than the limit of -70dBw/MHz(-40dBm/MHz), so it's pass.

Band13_5MHz_256QAM_LCH_779.5MHz_RB_25_0_NTNV

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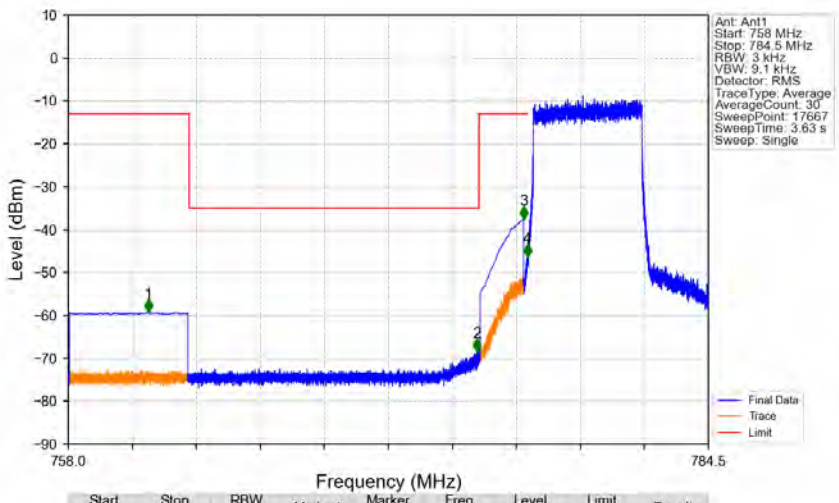

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	761.311	-59.32	-13	Pass
763	775	0.00625	/	2	774.918	-68.48	-35	Pass
775	776.9	0.1	CHP	3	776.845	-37.69	-13	Pass
776.9	777	0.03	/	4	776.998	-46.47	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

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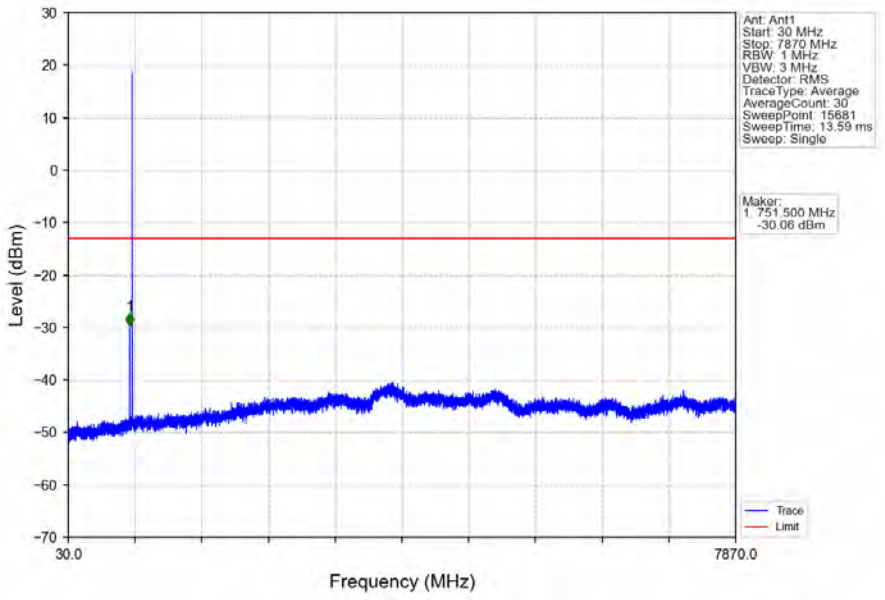
Band13_5MHz_256QAM_MCH_782MHz_RB_1_0_NTNV



Remark: for 1559-1610MHz, emission level is less than the limit of -70dBw/MHz(-40dBm/MHz), so it's pass.

Band13_5MHz_256QAM_HCH_784.5MHz_RB_1_0_NTNV

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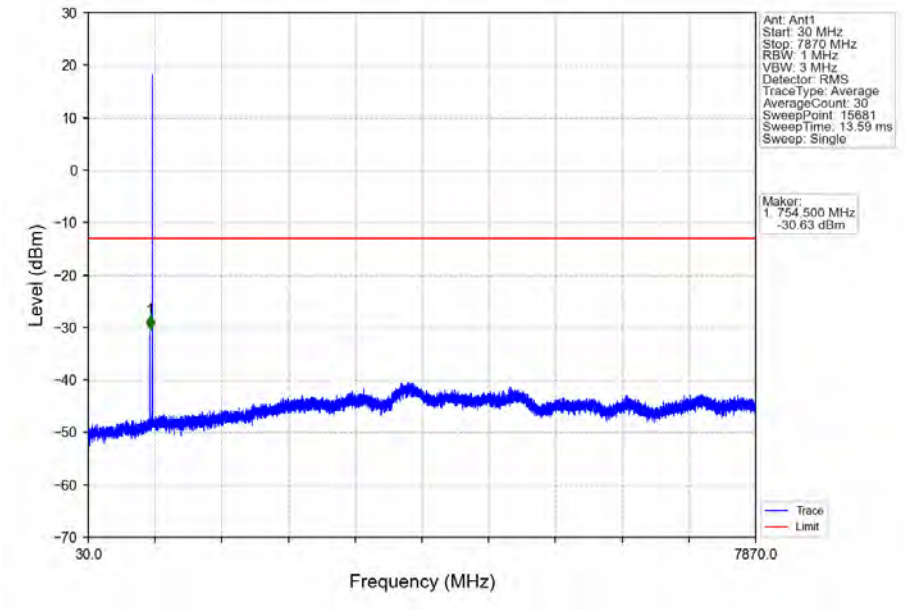

Remark: for 1559-1610MHz, emission level is less than the limit of -70dBw/MHz(-40dBm/MHz), so it's pass.

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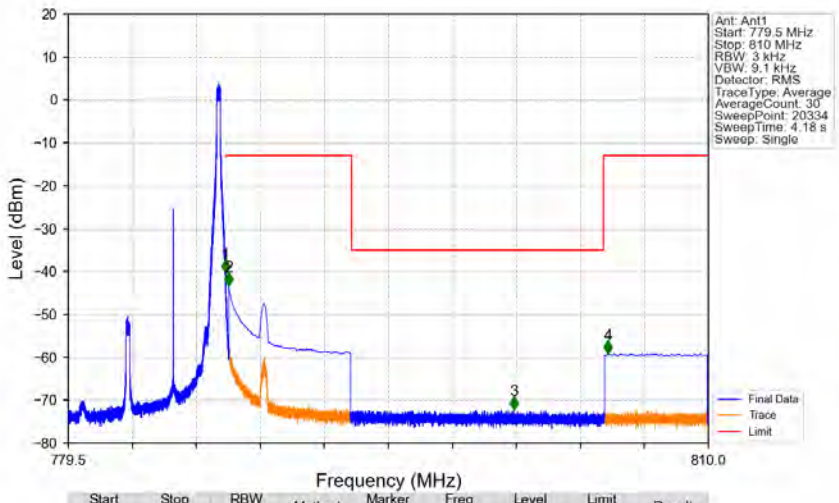
Band13_5MHz_256QAM_HCH_784.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	1	787.000	-40.35	-13	Pass
787.1	793	0.1	CHP	2	787.150	-43.37	-13	Pass
793	805	0.00625	/	3	800.748	-72.25	-35	Pass
805	810	0.1	CHP	4	805.210	-59.18	-13	Pass

Band13_5MHz_256QAM_HCH_784.5MHz_RB_25_0_NTNV

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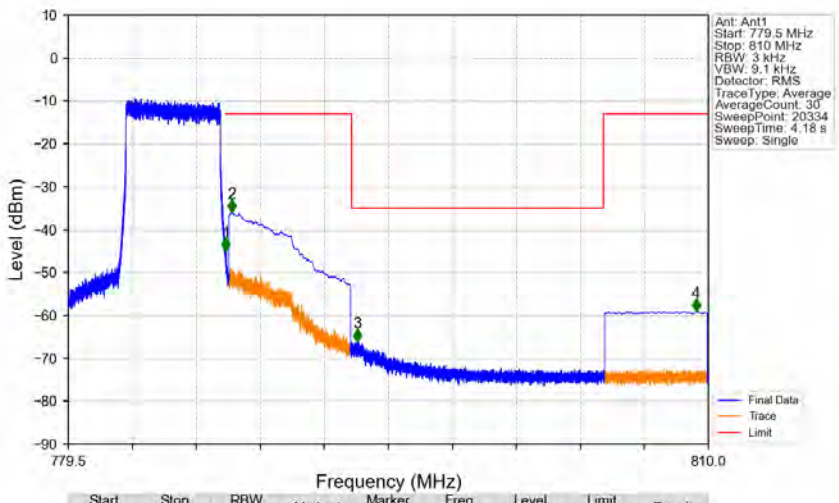

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	1	787.014	-44.99	-13	Pass
787.1	793	0.1	CHP	2	787.282	-36.02	-13	Pass
793	805	0.00625	/	3	793.279	-66.23	-35	Pass
805	810	0.1	CHP	4	809.424	-59.12	-13	Pass

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5.2 B13_10MHz

5.2.1 Test Result

Band: 13 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	782	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	782	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	782	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	782	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	782	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	782	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
64QAM	782	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	782	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	782	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
256QAM	782	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	782	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	782	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

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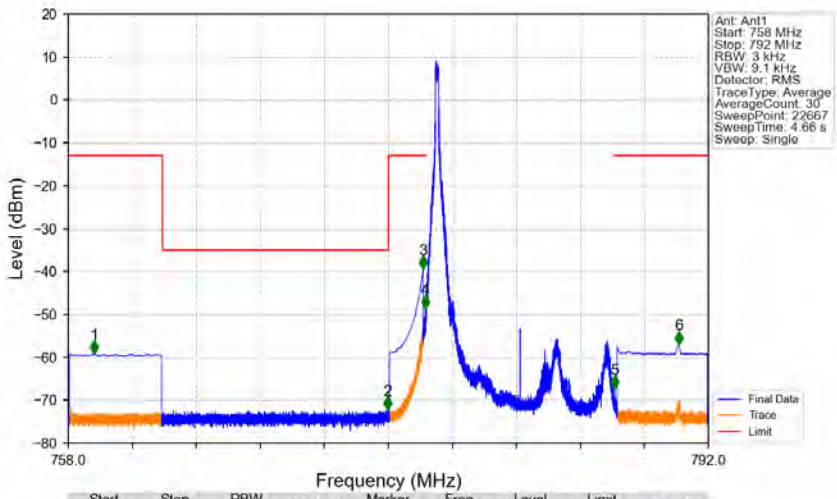
5.2.2 Test Graph

Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	759.374	-59.25	-13	Pass
763	775	0.00625	/	2	774.973	-72.27	-35	Pass
775	776.9	0.1	CHP	3	776.850	-39.50	-13	Pass
776.9	777	0.03	/	4	776.962	-48.56	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	5	787.032	-67.31	-13	Pass
787.1	792	0.1	CHP	6	790.425	-56.98	-13	Pass

Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV

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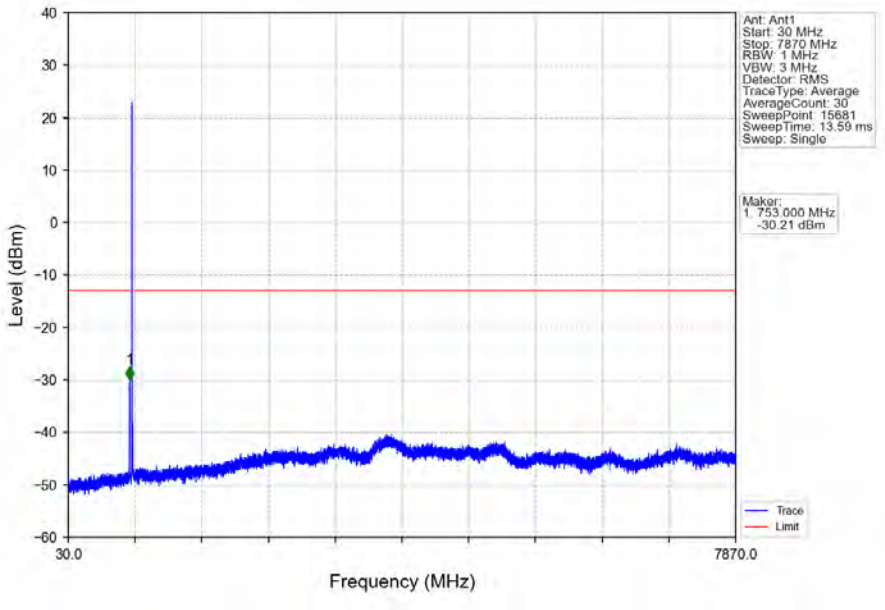

Remark: for 1559-1610MHz, emission level is less than the limit of -70dBw/MHz(-40dBm/MHz), so it's pass.

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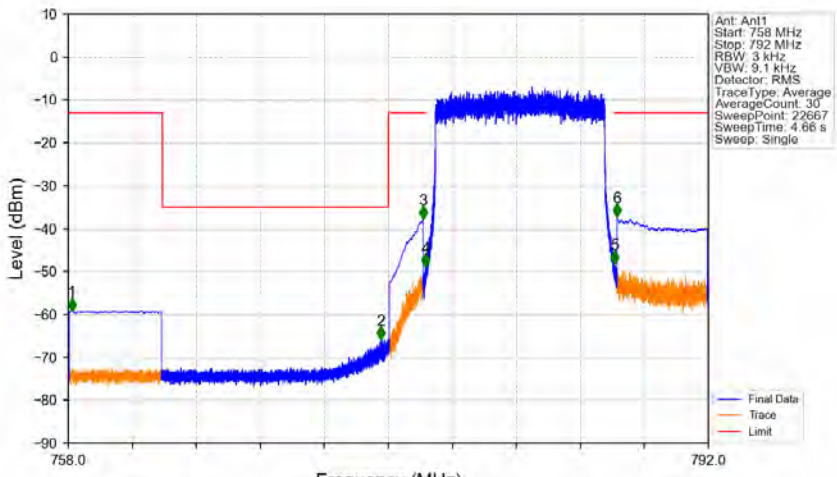
Band13_10MHz_QPSK_LCH_782MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	758.197	-59.22	-13	Pass
763	775	0.00625	/	2	774.610	-65.89	-35	Pass
775	776.9	0.1	CHP	3	776.850	-37.87	-13	Pass
776.9	777	0.03	/	4	776.985	-48.85	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	5	787.003	-48.22	-13	Pass
787.1	792	0.1	CHP	6	787.150	-37.31	-13	Pass

Band13_10MHz_QPSK_MCH_782MHz_RB_1_0_NTNV

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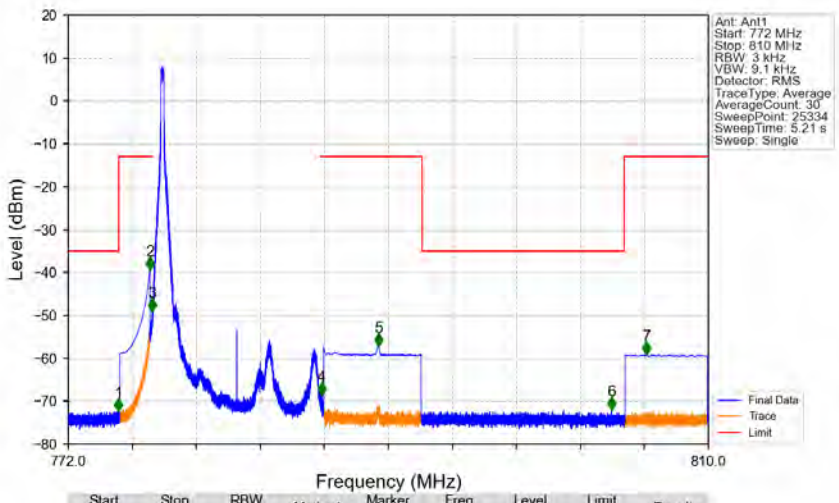

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	774.973	-72.38	-35	Pass
775	776.9	0.1	CHP	2	776.850	-39.46	-13	Pass
776.9	777	0.03	/	3	776.995	-49.09	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.030	-68.74	-13	Pass
787.1	793	0.1	CHP	5	790.410	-57.27	-13	Pass
793	805	0.00625	/	6	804.258	-72.11	-35	Pass
805	810	0.1	CHP	7	806.332	-59.17	-13	Pass

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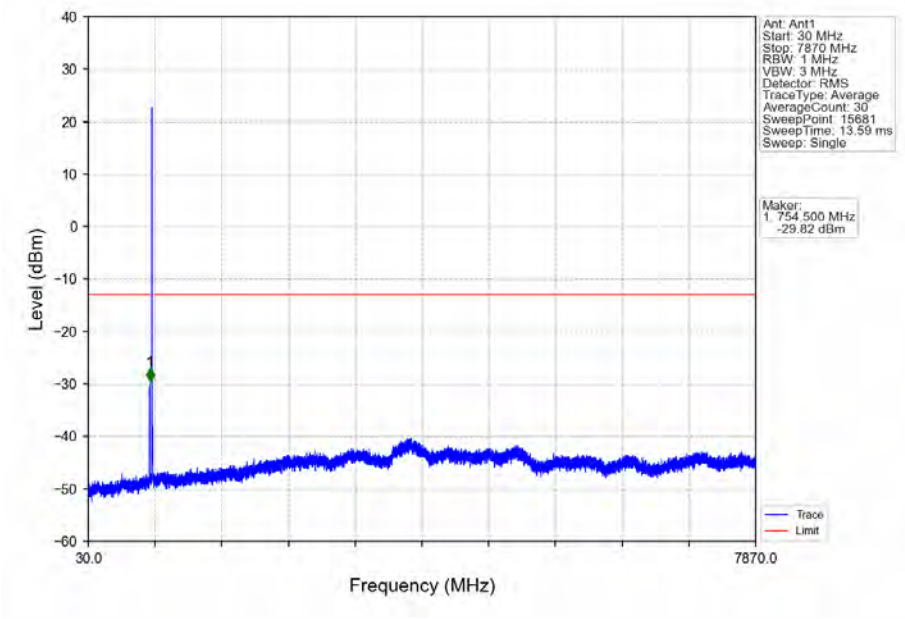
Band13_10MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



Remark: for 1559-1610MHz, emission level is less than the limit of -70dBw/MHz(-40dBm/MHz), so it's pass.

Band13_10MHz_QPSK_MCH_782MHz_RB_1_49_NTNV

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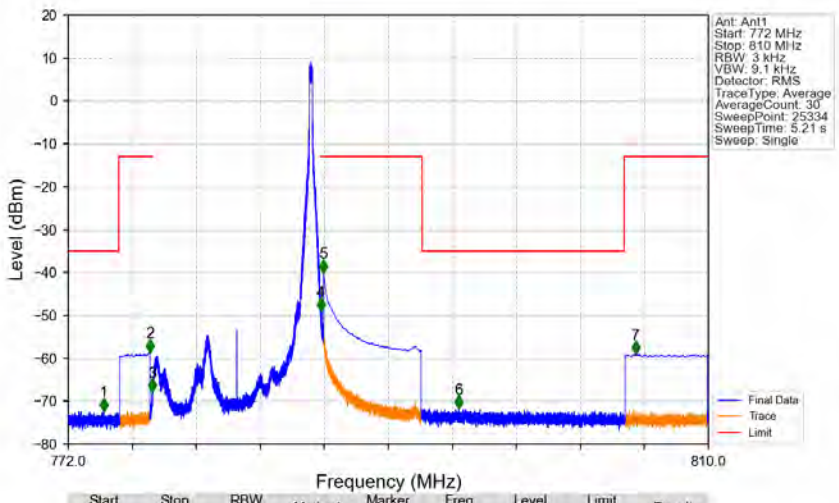

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	774.091	-72.34	-35	Pass
775	776.9	0.1	CHP	2	776.850	-58.59	-13	Pass
776.9	777	0.03	/	3	776.997	-67.85	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.005	-49.02	-13	Pass
787.1	793	0.1	CHP	5	787.150	-40.06	-13	Pass
793	805	0.00625	/	6	795.183	-71.71	-35	Pass
805	810	0.1	CHP	7	805.689	-59.07	-13	Pass

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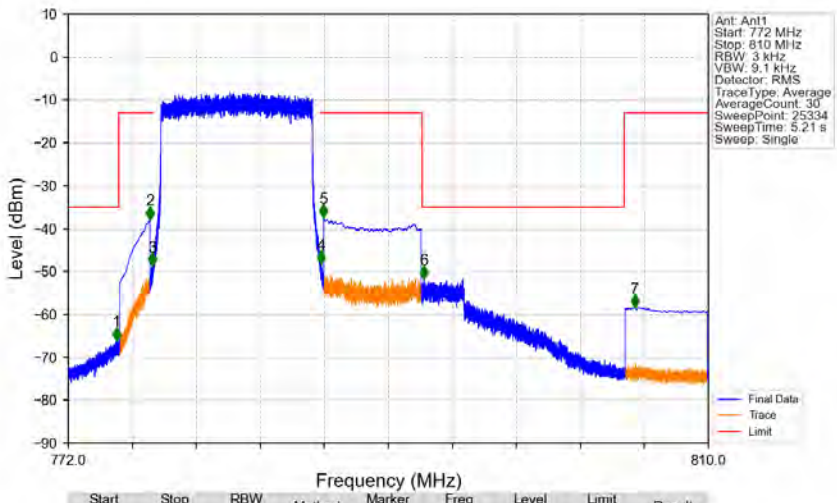
Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	774.871	-66.12	-35	Pass
775	776.9	0.1	CHP	2	776.850	-37.89	-13	Pass
776.9	777	0.03	/	3	777.000	-48.76	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.021	-48.18	-13	Pass
787.1	793	0.1	CHP	5	787.150	-37.45	-13	Pass
793	805	0.00625	/	6	793.119	-51.77	-35	Pass
805	810	0.1	CHP	7	805.629	-58.40	-13	Pass

Band13_10MHz_QPSK_HCH_782MHz_RB_1_0_NTNV

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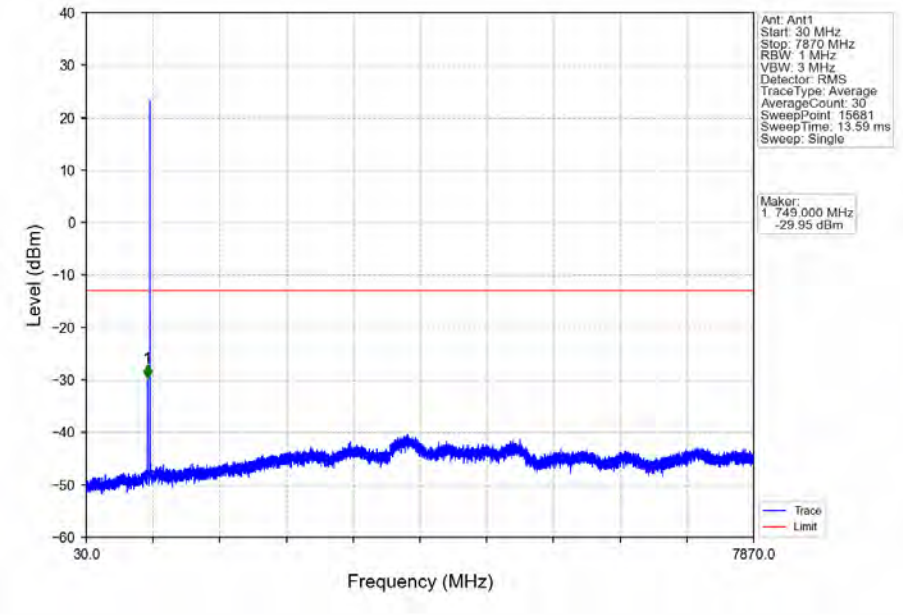

Remark: for 1559-1610MHz, emission level is less than the limit of -70dBw/MHz(-40dBm/MHz), so it's pass.

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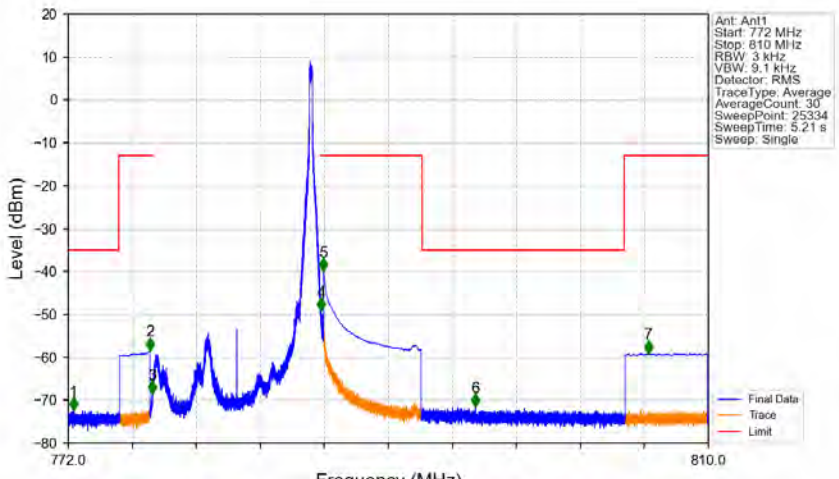

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	772.312	-72.46	-35	Pass
775	776.9	0.1	CHP	2	776.850	-58.39	-13	Pass
776.9	777	0.03	/	3	776.992	-68.61	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.021	-49.17	-13	Pass
787.1	793	0.1	CHP	5	787.150	-40.02	-13	Pass
793	805	0.00625	/	6	796.174	-71.53	-35	Pass
805	810	0.1	CHP	7	806.464	-59.11	-13	Pass

Band13_10MHz_QPSK_HCH_782MHz_RB_50_0_NTNV

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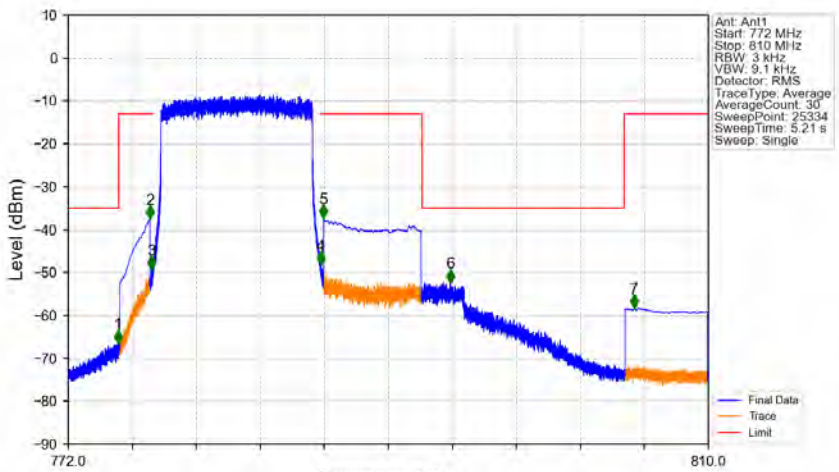

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	774.958	-66.48	-35	Pass
775	776.9	0.1	CHP	2	776.850	-37.51	-13	Pass
776.9	777	0.03	/	3	776.949	-49.21	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.000	-48.16	-13	Pass
787.1	793	0.1	CHP	5	787.150	-37.21	-13	Pass
793	805	0.00625	/	6	794.683	-52.34	-35	Pass
805	810	0.1	CHP	7	805.609	-58.33	-13	Pass

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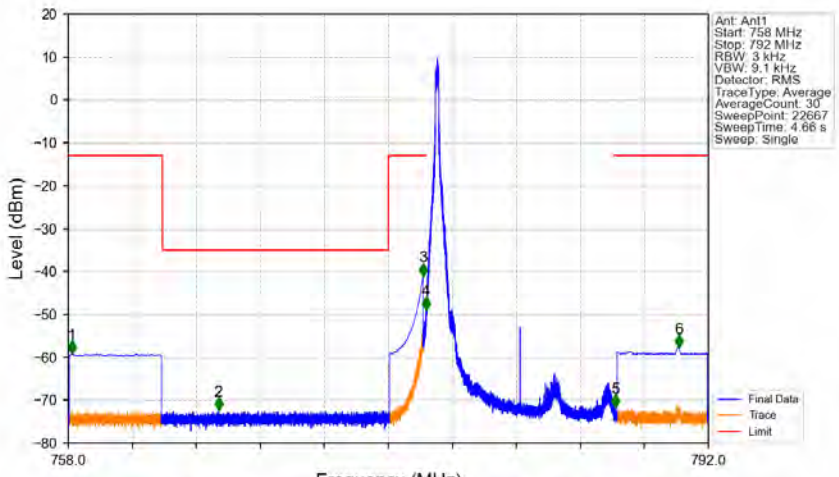
Band13_10MHz_16QAM_LCH_782MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	758.195	-59.17	-13	Pass
763	775	0.00625	/	2	765.979	-72.41	-35	Pass
775	776.9	0.1	CHP	3	776.839	-41.14	-13	Pass
776.9	777	0.03	/	4	776.995	-48.89	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	5	787.060	-71.79	-13	Pass
787.1	792	0.1	CHP	6	790.426	-57.75	-13	Pass

Band13_10MHz_16QAM_LCH_782MHz_RB_1_0_NTNV

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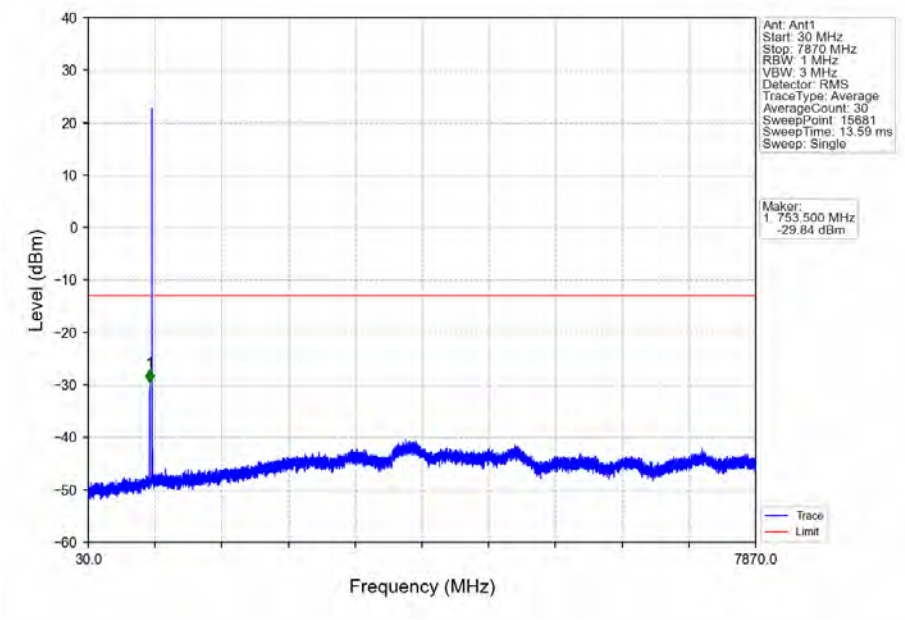

Remark: for 1559-1610MHz, emission level is less than the limit of -70dBw/MHz(-40dBm/MHz), so it's pass.

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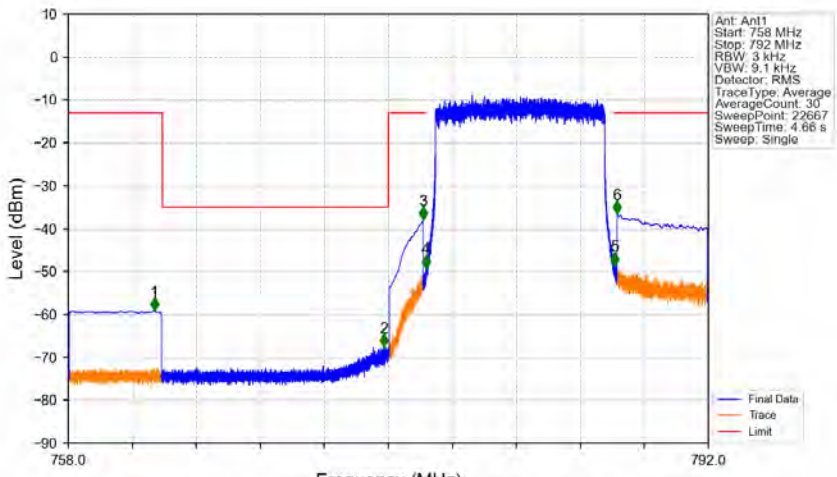
Band13_10MHz_16QAM_LCH_782MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.569	-59.21	-13	Pass
763	775	0.00625	/	2	774.751	-67.63	-35	Pass
775	776.9	0.1	CHP	3	776.850	-37.97	-13	Pass
776.9	777	0.03	/	4	776.994	-49.18	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	5	787.006	-48.65	-13	Pass
787.1	792	0.1	CHP	6	787.150	-36.62	-13	Pass

Band13_10MHz_16QAM_MCH_782MHz_RB_1_0_NTNV

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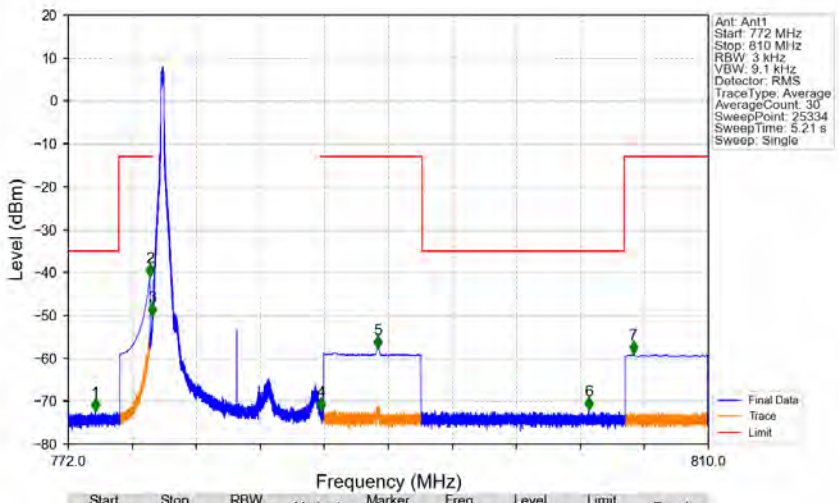

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	773.614	-72.46	-35	Pass
775	776.9	0.1	CHP	2	776.850	-41.03	-13	Pass
776.9	777	0.03	/	3	776.997	-50.26	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.023	-72.30	-13	Pass
787.1	793	0.1	CHP	5	790.350	-57.73	-13	Pass
793	805	0.00625	/	6	802.906	-72.07	-35	Pass
805	810	0.1	CHP	7	805.537	-59.07	-13	Pass

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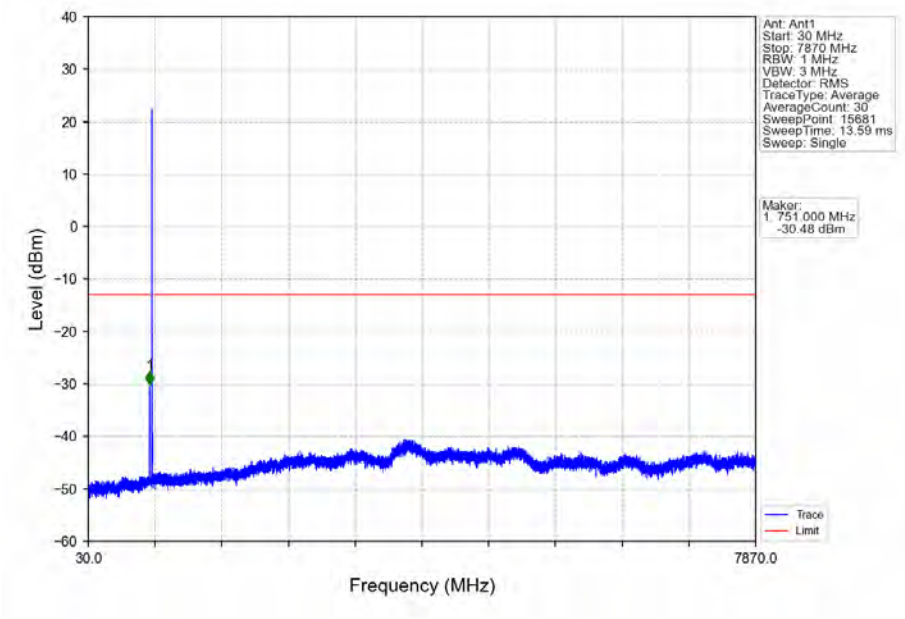
Band13_10MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



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Band13_10MHz_16QAM_MCH_782MHz_RB_1_49_NTNV

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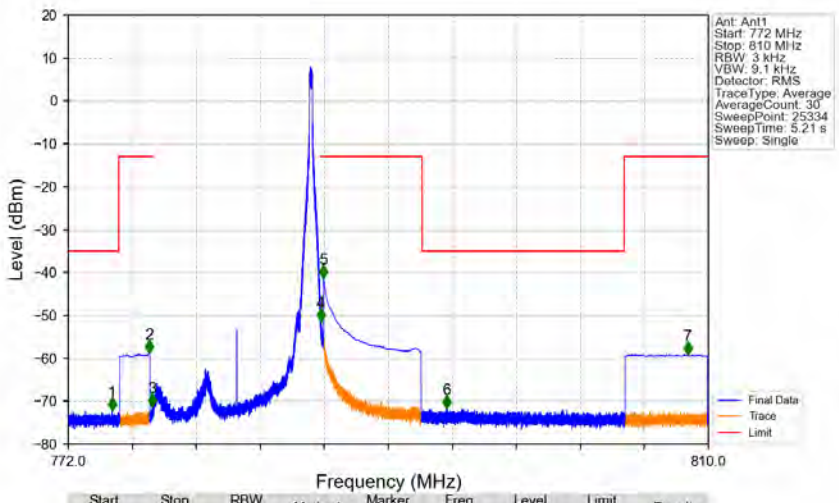

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	774.606	-72.32	-35	Pass
775	776.9	0.1	CHP	2	776.811	-58.90	-13	Pass
776.9	777	0.03	/	3	776.998	-71.43	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.002	-51.38	-13	Pass
787.1	793	0.1	CHP	5	787.150	-41.33	-13	Pass
793	805	0.00625	/	6	794.475	-71.75	-35	Pass
805	810	0.1	CHP	7	808.770	-59.18	-13	Pass

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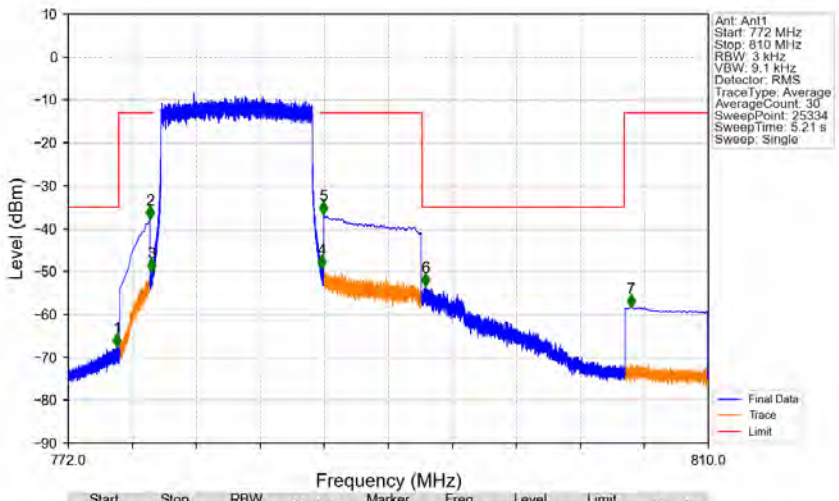
Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	774.894	-67.64	-35	Pass
775	776.9	0.1	CHP	2	776.850	-37.85	-13	Pass
776.9	777	0.03	/	3	776.949	-50.16	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.062	-49.21	-13	Pass
787.1	793	0.1	CHP	5	787.153	-36.80	-13	Pass
793	805	0.00625	/	6	793.182	-53.52	-35	Pass
805	810	0.1	CHP	7	805.411	-58.43	-13	Pass

Band13_10MHz_16QAM_HCH_782MHz_RB_1_0_NTNV

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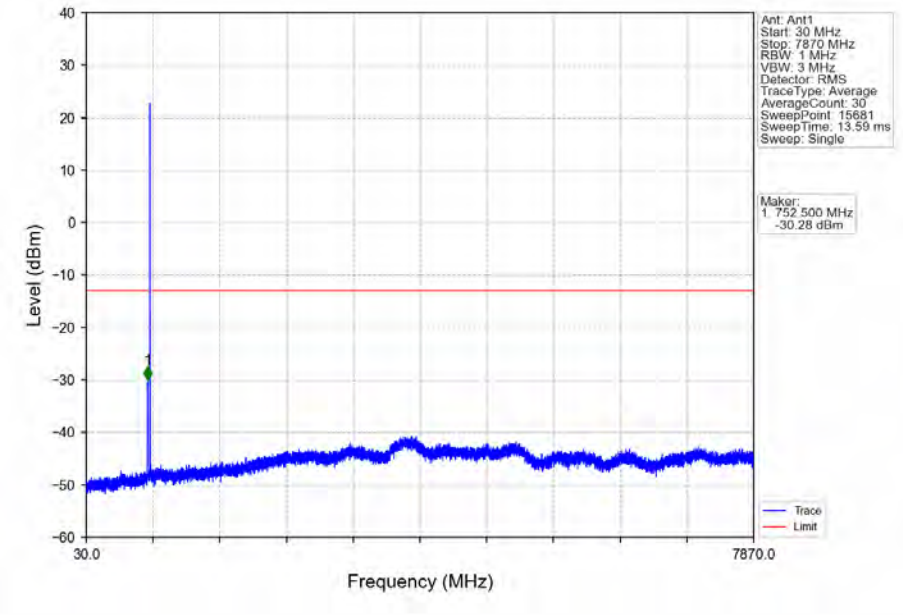

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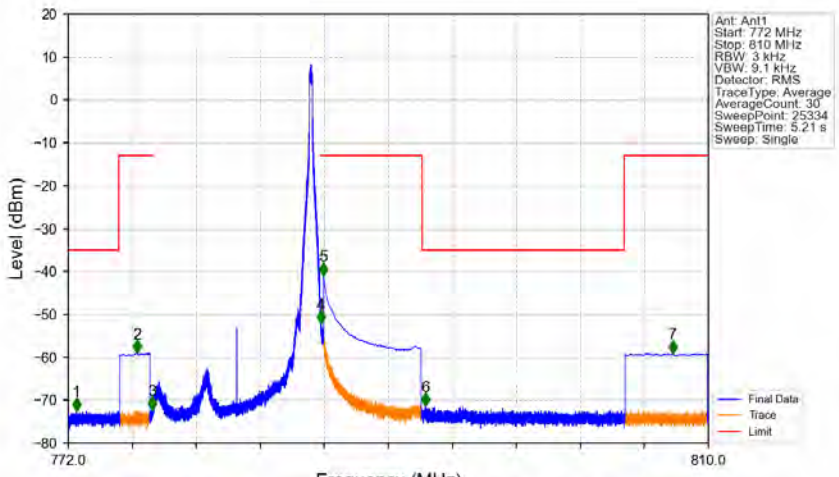

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	772.497	-72.51	-35	Pass
775	776.9	0.1	CHP	2	776.076	-59.01	-13	Pass
776.9	777	0.03	/	3	776.977	-72.29	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.005	-52.15	-13	Pass
787.1	793	0.1	CHP	5	787.150	-40.93	-13	Pass
793	805	0.00625	/	6	793.200	-71.42	-35	Pass
805	810	0.1	CHP	7	807.889	-59.13	-13	Pass

Band13_10MHz_16QAM_HCH_782MHz_RB_50_0_NTNV

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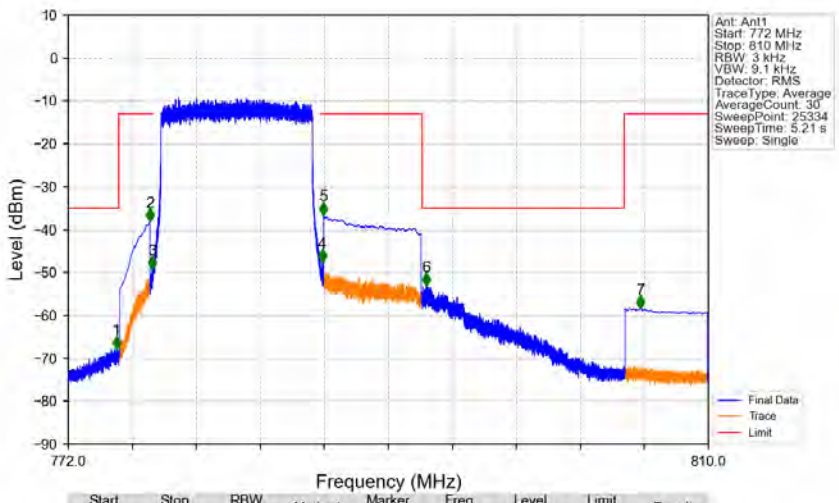

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	774.864	-67.88	-35	Pass
775	776.9	0.1	CHP	2	776.847	-38.20	-13	Pass
776.9	777	0.03	/	3	776.994	-49.31	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.092	-47.71	-13	Pass
787.1	793	0.1	CHP	5	787.150	-36.66	-13	Pass
793	805	0.00625	/	6	793.258	-53.11	-35	Pass
805	810	0.1	CHP	7	805.978	-58.41	-13	Pass

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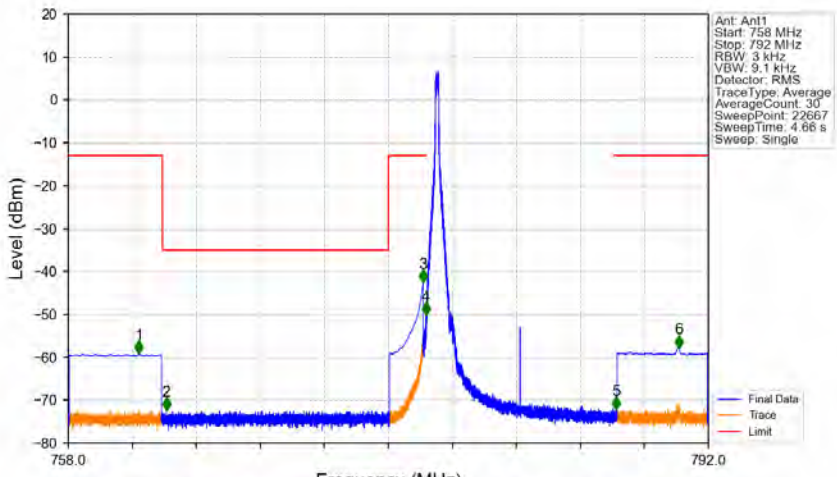
Band13_10MHz_64QAM_LCH_782MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	761.758	-59.26	-13	Pass
763	775	0.00625	/	2	763.205	-72.39	-35	Pass
775	776.9	0.1	CHP	3	776.848	-42.65	-13	Pass
776.9	777	0.03	/	4	776.997	-50.22	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	5	787.093	-72.28	-13	Pass
787.1	792	0.1	CHP	6	790.425	-57.86	-13	Pass

Band13_10MHz_64QAM_LCH_782MHz_RB_1_0_NTNV

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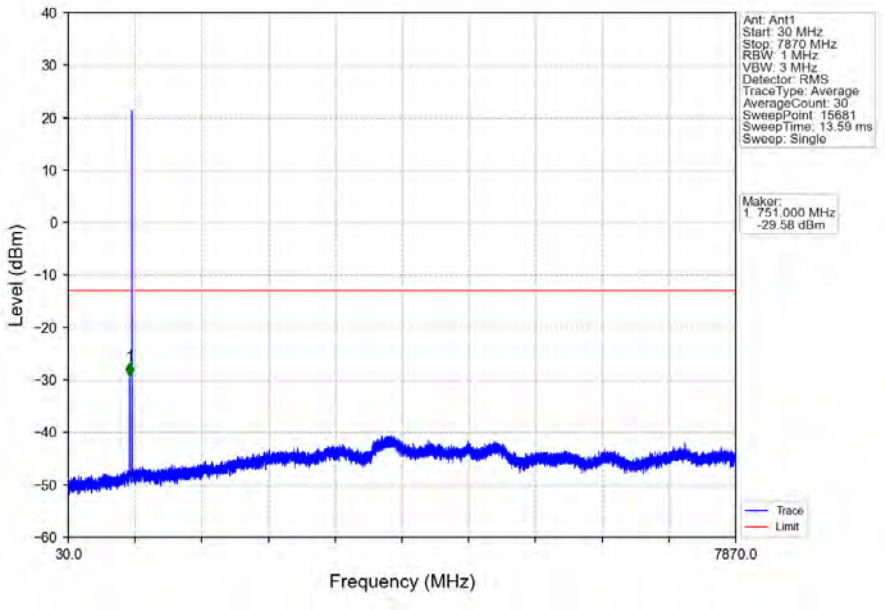

Remark: for 1559-1610MHz, emission level is less than the limit of -70dBw/MHz(-40dBm/MHz), so it's pass.

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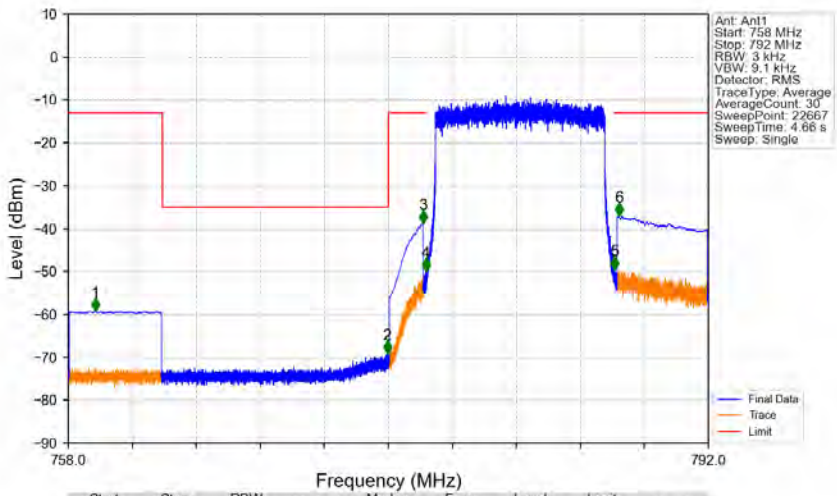
Band13_10MHz_64QAM_LCH_782MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	759.445	-59.26	-13	Pass
763	775	0.00625	/	2	774.941	-69.15	-35	Pass
775	776.9	0.1	CHP	3	776.847	-38.80	-13	Pass
776.9	777	0.03	/	4	776.997	-49.97	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	5	787.029	-49.61	-13	Pass
787.1	792	0.1	CHP	6	787.260	-37.13	-13	Pass

Band13_10MHz_64QAM_MCH_782MHz_RB_1_0_NTNV

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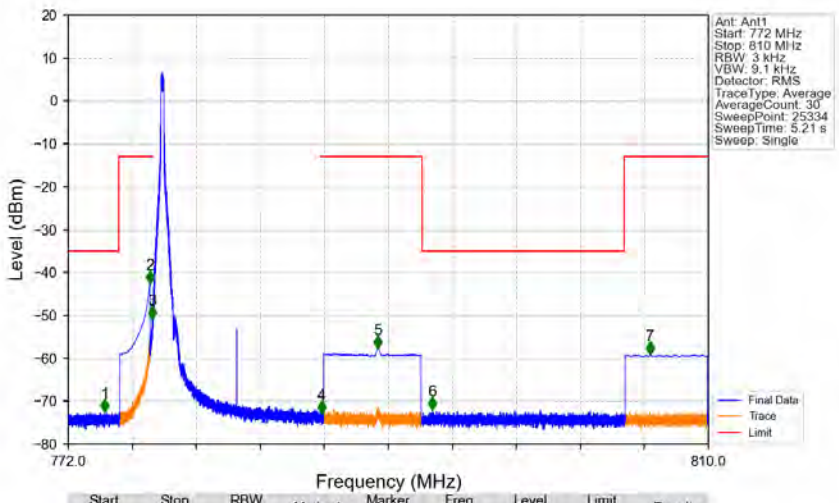

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	774.178	-72.58	-35	Pass
775	776.9	0.1	CHP	2	776.850	-42.59	-13	Pass
776.9	777	0.03	/	3	776.997	-50.97	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.045	-72.90	-13	Pass
787.1	793	0.1	CHP	5	790.381	-57.80	-13	Pass
793	805	0.00625	/	6	793.621	-72.04	-35	Pass
805	810	0.1	CHP	7	806.523	-59.21	-13	Pass

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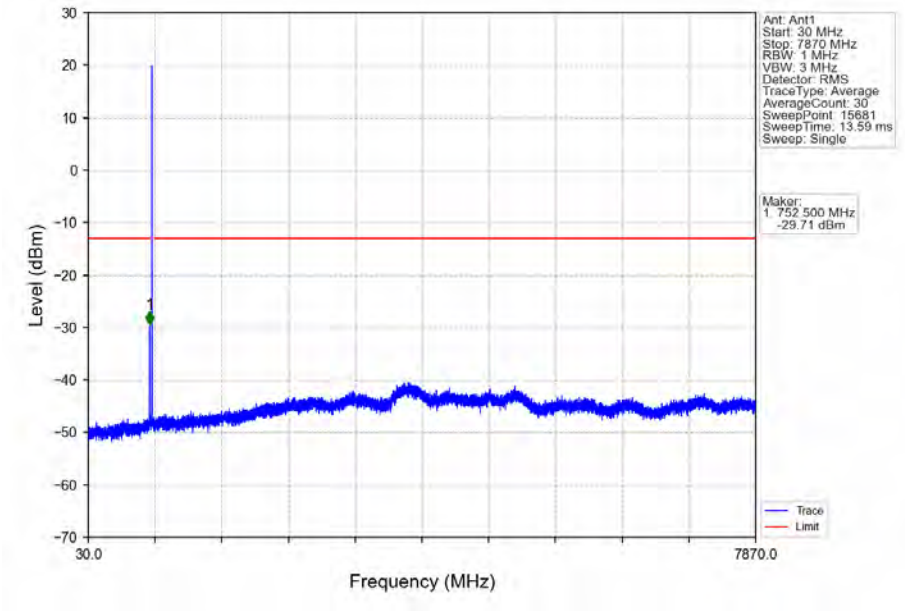
Band13_10MHz_64QAM_MCH_782MHz_RB_1_0_NTNV



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Band13_10MHz_64QAM_MCH_782MHz_RB_1_49_NTNV

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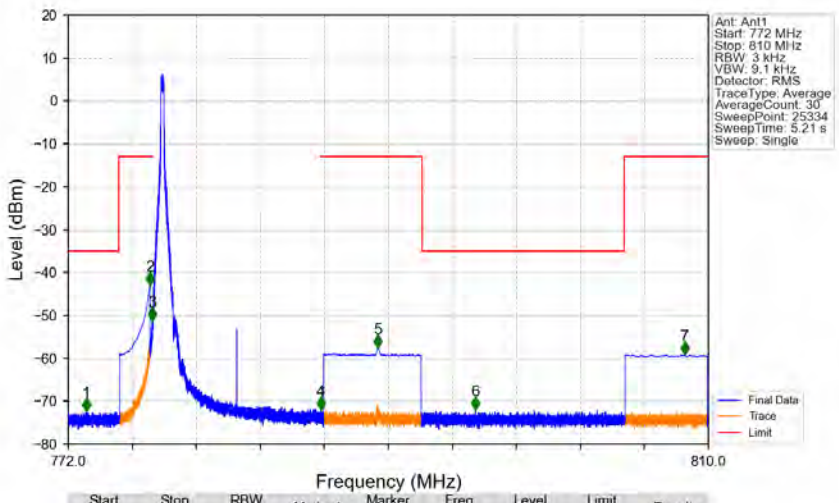

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	773.068	-72.44	-35	Pass
775	776.9	0.1	CHP	2	776.850	-43.03	-13	Pass
776.9	777	0.03	/	3	776.982	-51.30	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.000	-72.06	-13	Pass
787.1	793	0.1	CHP	5	790.383	-57.63	-13	Pass
793	805	0.00625	/	6	796.173	-72.07	-35	Pass
805	810	0.1	CHP	7	808.618	-59.21	-13	Pass

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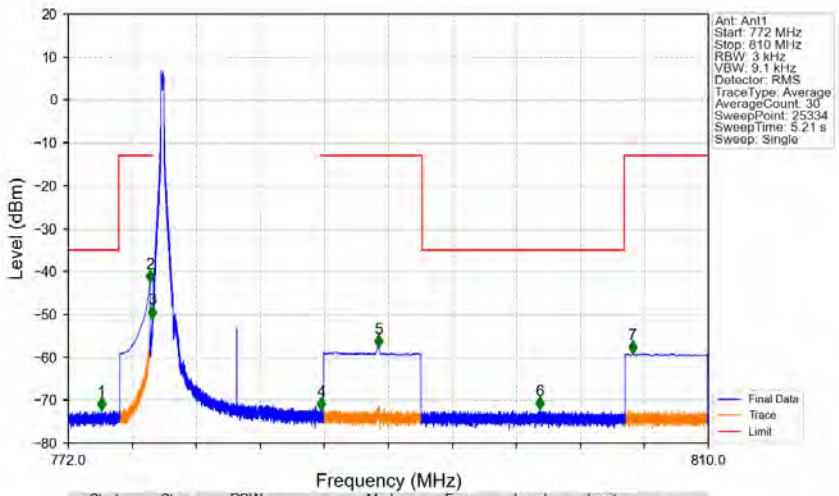
Band13_10MHz_64QAM_MCH_782MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	773.959	-72.40	-35	Pass
775	776.9	0.1	CHP	2	776.850	-42.66	-13	Pass
776.9	777	0.03	/	3	776.995	-50.99	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.006	-72.44	-13	Pass
787.1	793	0.1	CHP	5	790.404	-57.84	-13	Pass
793	805	0.00625	/	6	799.989	-72.32	-35	Pass
805	810	0.1	CHP	7	805.489	-59.19	-13	Pass

Band13_10MHz_64QAM_HCH_782MHz_RB_1_0_NTNV

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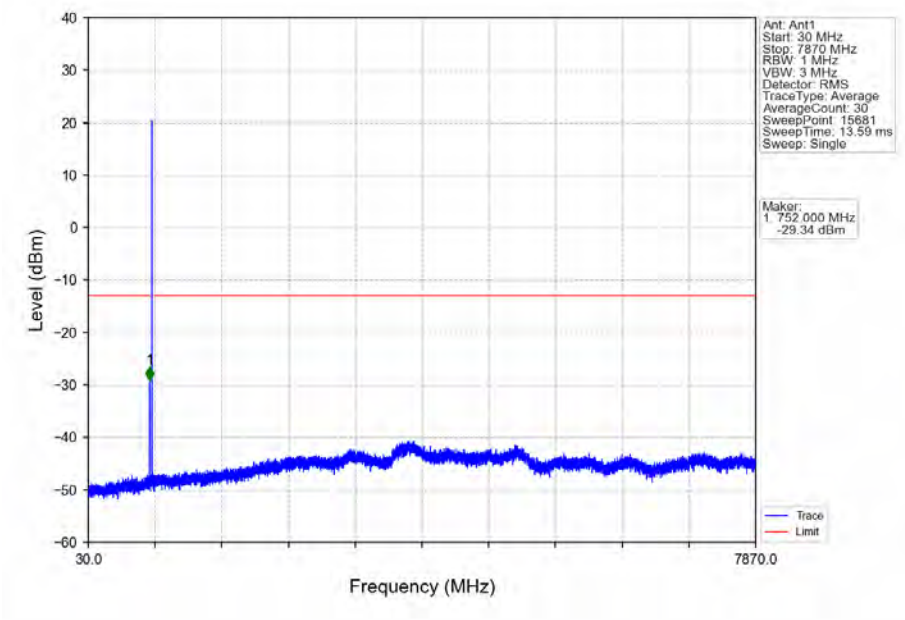

Remark: for 1559-1610MHz, emission level is less than the limit of -70dBw/MHz(-40dBm/MHz), so it's pass.

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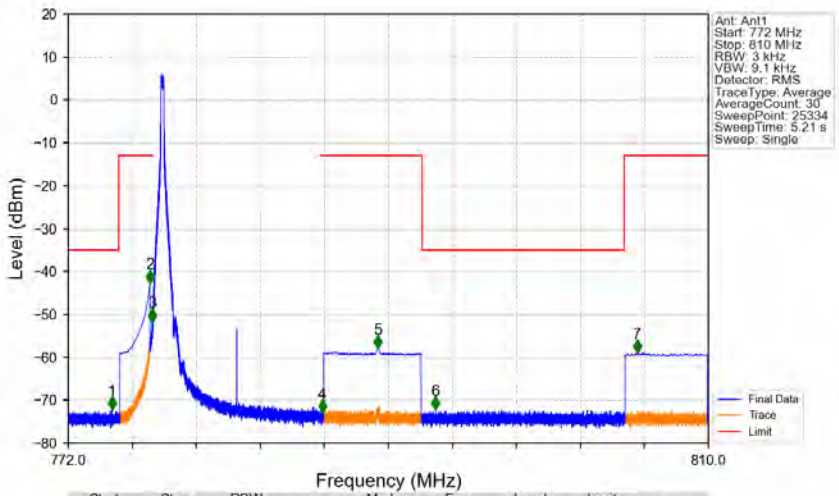
Band13_10MHz_64QAM_HCH_782MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	774.603	-72.23	-35	Pass
775	776.9	0.1	CHP	2	776.850	-42.70	-13	Pass
776.9	777	0.03	/	3	776.997	-51.72	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.093	-72.89	-13	Pass
787.1	793	0.1	CHP	5	790.350	-57.97	-13	Pass
793	805	0.00625	/	6	793.807	-72.28	-35	Pass
805	810	0.1	CHP	7	805.788	-59.04	-13	Pass

Band13_10MHz_64QAM_HCH_782MHz_RB_50_0_NTNV

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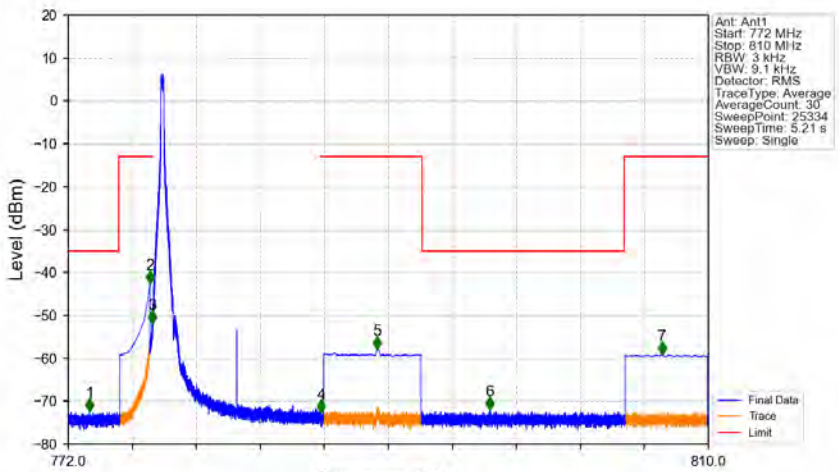

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	773.274	-72.49	-35	Pass
775	776.9	0.1	CHP	2	776.850	-42.69	-13	Pass
776.9	777	0.03	/	3	777.000	-51.98	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.020	-72.81	-13	Pass
787.1	793	0.1	CHP	5	790.344	-57.94	-13	Pass
793	805	0.00625	/	6	797.031	-72.06	-35	Pass
805	810	0.1	CHP	7	807.238	-59.16	-13	Pass

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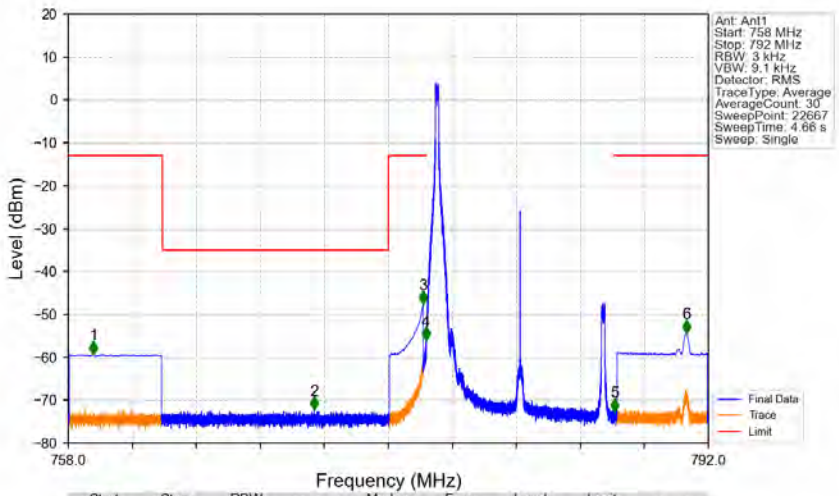
Band13_10MHz_256QAM_LCH_782MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	759.335	-59.27	-13	Pass
763	775	0.00625	/	2	771.076	-72.30	-35	Pass
775	776.9	0.1	CHP	3	776.850	-47.53	-13	Pass
776.9	777	0.03	/	4	776.995	-56.09	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	5	787.011	-72.70	-13	Pass
787.1	792	0.1	CHP	6	790.831	-54.36	-13	Pass

Band13_10MHz_256QAM_LCH_782MHz_RB_1_0_NTNV

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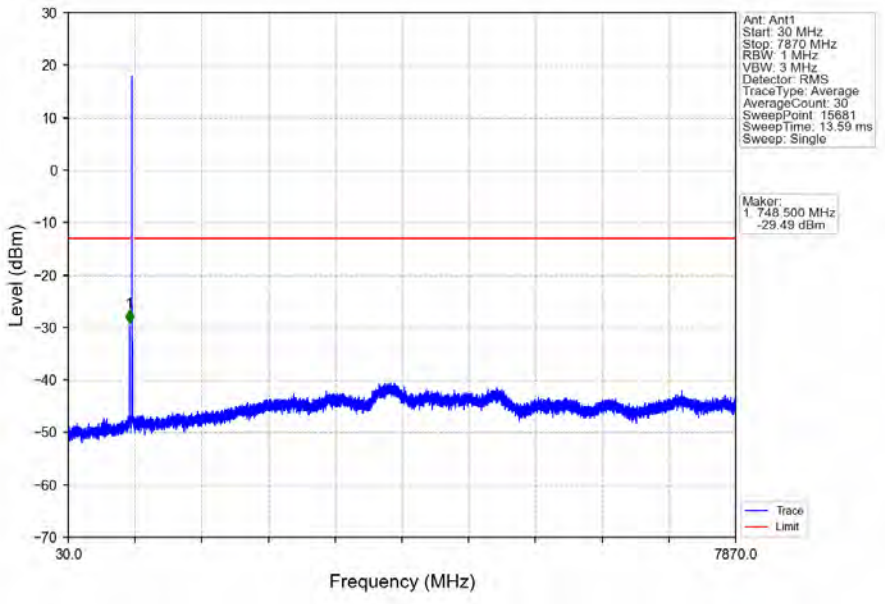

Remark: for 1559-1610MHz, emission level is less than the limit of -70dBw/MHz(-40dBm/MHz), so it's pass.

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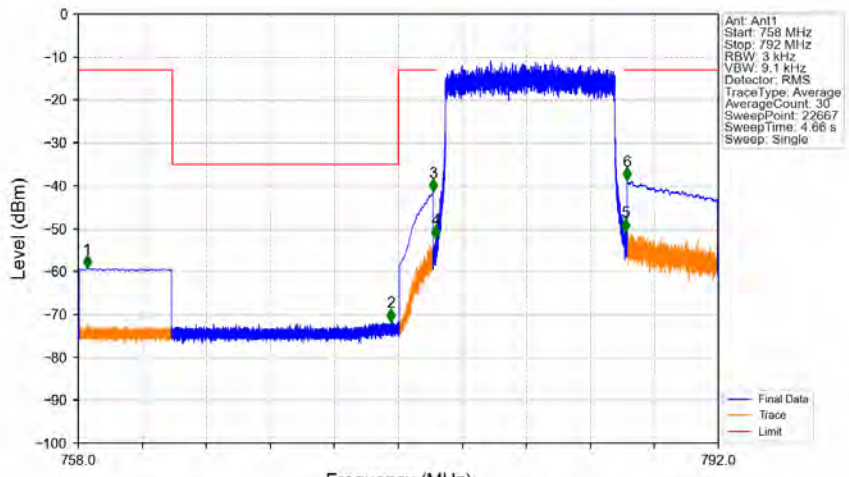
Band13_10MHz_256QAM_LCH_782MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	758.480	-59.26	-13	Pass
763	775	0.00625	/	2	774.617	-71.69	-35	Pass
775	776.9	0.1	CHP	3	776.838	-41.41	-13	Pass
776.9	777	0.03	/	4	776.988	-52.39	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	5	787.050	-50.72	-13	Pass
787.1	792	0.1	CHP	6	787.152	-38.82	-13	Pass

Band13_10MHz_256QAM_MCH_782MHz_RB_1_0_NTNV

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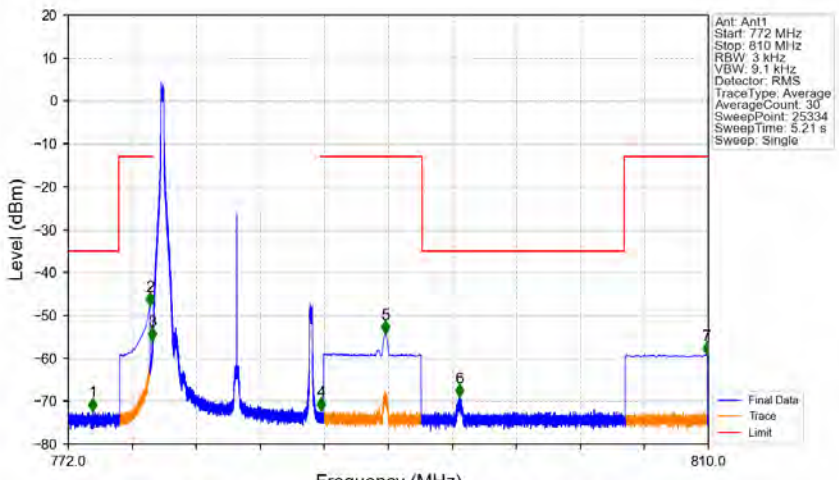

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	773.449	-72.34	-35	Pass
775	776.9	0.1	CHP	2	776.850	-47.69	-13	Pass
776.9	777	0.03	/	3	776.997	-55.83	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.024	-72.22	-13	Pass
787.1	793	0.1	CHP	5	790.819	-54.31	-13	Pass
793	805	0.00625	/	6	795.225	-69.11	-35	Pass
805	810	0.1	CHP	7	809.889	-59.15	-13	Pass

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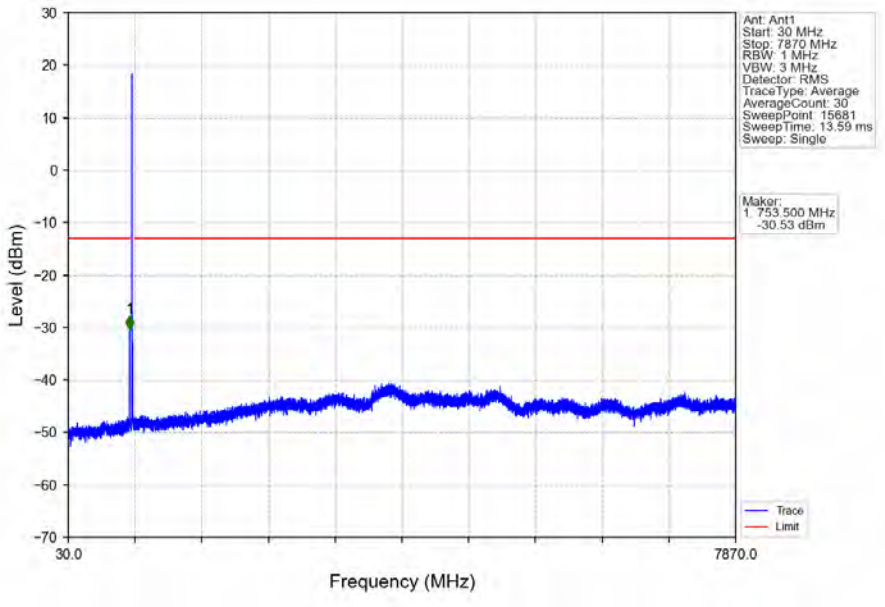
Band13_10MHz_256QAM_MCH_782MHz_RB_1_0_NTNV



Remark: for 1559-1610MHz, emission level is less than the limit of -70dBw/MHz(-40dBm/MHz), so it's pass.

Band13_10MHz_256QAM_MCH_782MHz_RB_1_49_NTNV

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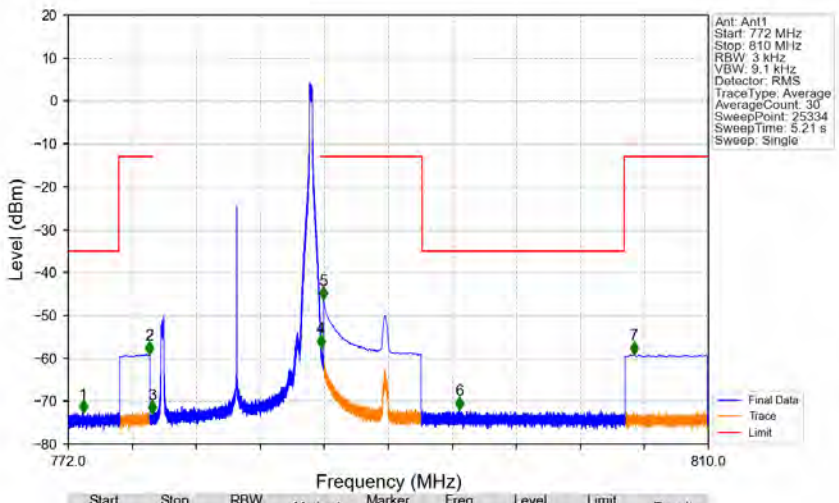

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	772.888	-72.76	-35	Pass
775	776.9	0.1	CHP	2	776.811	-59.13	-13	Pass
776.9	777	0.03	/	3	776.994	-72.90	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.005	-57.53	-13	Pass
787.1	793	0.1	CHP	5	787.150	-46.35	-13	Pass
793	805	0.00625	/	6	795.216	-71.98	-35	Pass
805	810	0.1	CHP	7	805.588	-59.12	-13	Pass

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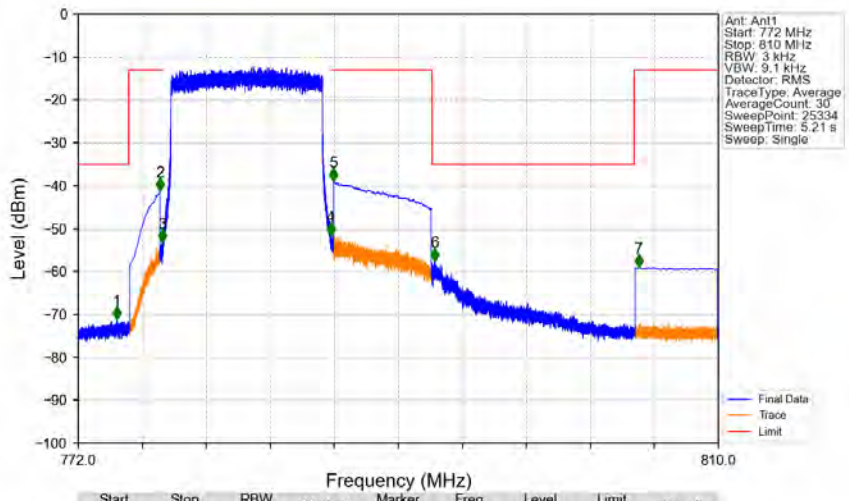
Band13_10MHz_256QAM_MCH_782MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	774.280	-71.28	-35	Pass
775	776.9	0.1	CHP	2	776.850	-41.30	-13	Pass
776.9	777	0.03	/	3	776.998	-53.25	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.000	-51.65	-13	Pass
787.1	793	0.1	CHP	5	787.150	-39.03	-13	Pass
793	805	0.00625	/	6	793.153	-57.66	-35	Pass
805	810	0.1	CHP	7	805.296	-59.05	-13	Pass

Band13_10MHz_256QAM_HCH_782MHz_RB_1_0_NTNV

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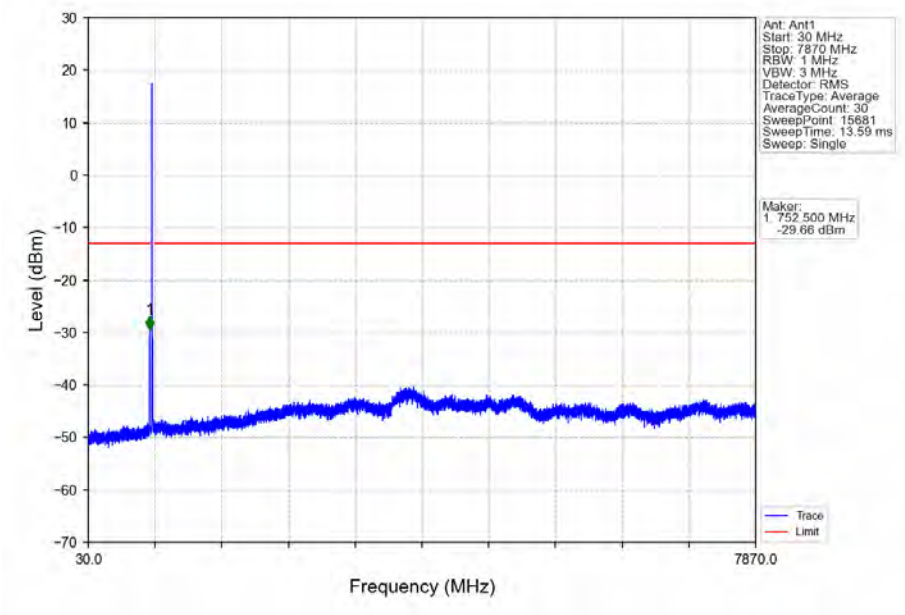

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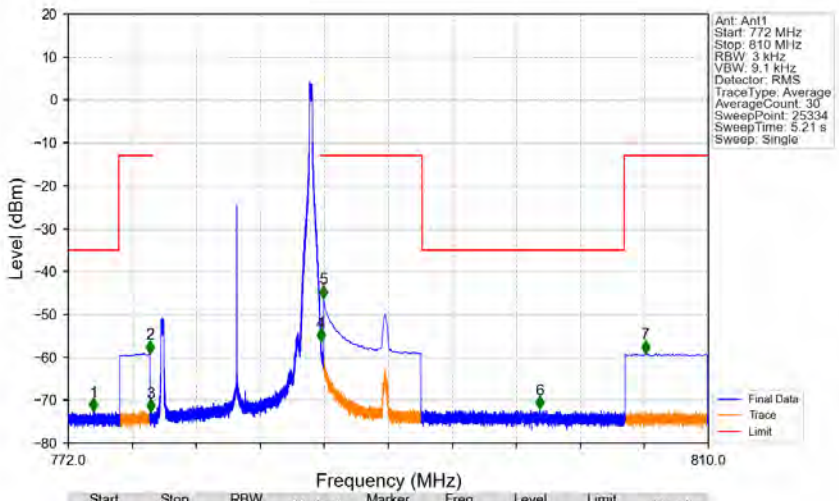

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	773.494	-72.59	-35	Pass
775	776.9	0.1	CHP	2	776.850	-59.11	-13	Pass
776.9	777	0.03	/	3	776.901	-72.79	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.000	-56.38	-13	Pass
787.1	793	0.1	CHP	5	787.150	-46.25	-13	Pass
793	805	0.00625	/	6	799.996	-72.09	-35	Pass
805	810	0.1	CHP	7	806.250	-59.10	-13	Pass

Band13_10MHz_256QAM_HCH_782MHz_RB_50_0_NTNV

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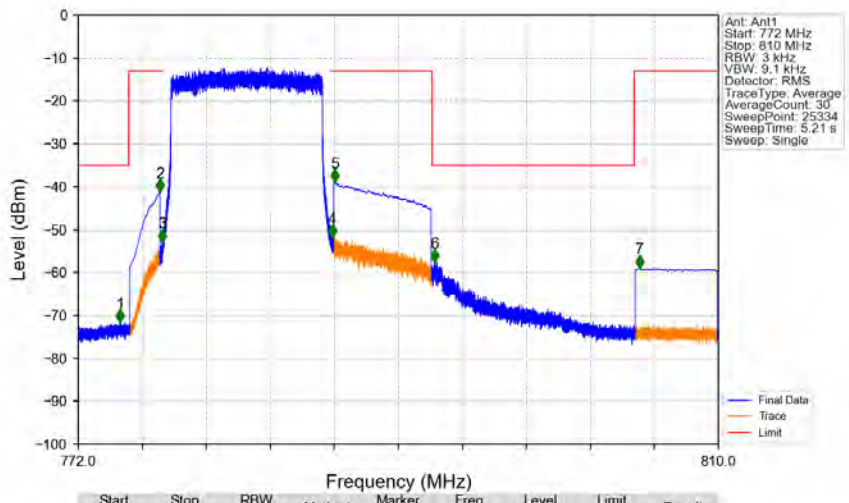

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	774.478	-71.58	-35	Pass
775	776.9	0.1	CHP	2	776.850	-41.34	-13	Pass
776.9	777	0.03	/	3	776.988	-53.00	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.093	-51.85	-13	Pass
787.1	793	0.1	CHP	5	787.230	-39.05	-13	Pass
793	805	0.00625	/	6	793.138	-57.62	-35	Pass
805	810	0.1	CHP	7	805.329	-59.01	-13	Pass

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6. Field Strength of Spurious Radiation

LTE Band 13-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
1554.5	-66.02	-13	-53.02	-69.895	2	5.88	Horizontal	Pass
2331.75	-61.95	-13	-48.95	-64.22	2.35	4.62	Horizontal	Pass
3109	-54.93	-13	-41.93	-58.89	2.96	6.92	Horizontal	Pass
1554.5	-63.51	-13	-50.51	-67.385	2	5.88	Vertical	Pass
2331.75	-60.89	-13	-47.89	-63.16	2.35	4.62	Vertical	Pass
3109	-55.19	-13	-42.19	-59.15	2.96	6.92	Vertical	Pass

LTE Band 13-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
1559.5	-65.69	-40	-25.69	-69.565	2	5.88	Horizontal	Pass
2339.25	-60.94	-13	-47.94	-63.21	2.35	4.62	Horizontal	Pass
3119	-55.10	-13	-42.10	-59.06	2.96	6.92	Horizontal	Pass
1559.5	-64.06	-40	-24.06	-67.935	2	5.88	Vertical	Pass
2339.25	-60.36	-13	-47.36	-62.63	2.35	4.62	Vertical	Pass
3119	-55.81	-13	-42.81	-59.77	2.96	6.92	Vertical	Pass

LTE Band 13-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
1564.5	-64.92	-40	-24.92	-68.795	2	5.88	Horizontal	Pass
2346.75	-61.75	-13	-48.75	-64.02	2.35	4.62	Horizontal	Pass
3129	-55.03	-13	-42.03	-58.99	2.96	6.92	Horizontal	Pass
1564.5	-62.76	-40	-22.76	-66.635	2	5.88	Vertical	Pass
2346.75	-61.59	-13	-48.59	-63.86	2.35	4.62	Vertical	Pass
3129	-54.34	-13	-41.34	-58.3	2.96	6.92	Vertical	Pass

---End of Attachment---

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