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	24.00	0.33	22.18	<=34.77	Pass
			13	24.02	0.33	22.20	<=34.77	Pass
			24	23.80	0.33	21.98	<=34.77	Pass
		12	0	23.12	0.33	21.30	<=34.77	Pass
			6	23.13	0.33	21.31	<=34.77	Pass
			13	23.06	0.33	21.24	<=34.77	Pass
		25	0	23.08	0.33	21.26	<=34.77	Pass
	782	1	0	24.10	0.33	22.28	<=34.77	Pass
			13	23.93	0.33	22.11	<=34.77	Pass
			24	23.85	0.33	22.03	<=34.77	Pass
		12	0	23.10	0.33	21.28	<=34.77	Pass
			6	23.16	0.33	21.34	<=34.77	Pass
			13	23.05	0.33	21.23	<=34.77	Pass
		25	0	23.15	0.33	21.33	<=34.77	Pass
	784.5	1	0	23.90	0.33	22.08	<=34.77	Pass
			13	24.27	0.33	22.45	<=34.77	Pass
			24	23.90	0.33	22.08	<=34.77	Pass
		12	0	23.13	0.33	21.31	<=34.77	Pass
			6	23.25	0.33	21.43	<=34.77	Pass
			13	23.13	0.33	21.31	<=34.77	Pass
		25	0	23.14	0.33	21.32	<=34.77	Pass
16QAM	779.5	1	0	22.90	0.33	21.08	<=34.77	Pass
			13	23.01	0.33	21.19	<=34.77	Pass
			24	22.46	0.33	20.64	<=34.77	Pass
		12	0	22.16	0.33	20.34	<=34.77	Pass
			6	22.12	0.33	20.30	<=34.77	Pass
			13	22.05	0.33	20.23	<=34.77	Pass
		25	0	22.25	0.33	20.43	<=34.77	Pass
	782	1	0	23.39	0.33	21.57	<=34.77	Pass
			13	23.64	0.33	21.82	<=34.77	Pass
			24	23.39	0.33	21.57	<=34.77	Pass
		12	0	22.09	0.33	20.27	<=34.77	Pass
			6	22.05	0.33	20.23	<=34.77	Pass
			13	22.10	0.33	20.28	<=34.77	Pass
		25	0	22.03	0.33	20.21	<=34.77	Pass
	784.5	1	0	23.11	0.33	21.29	<=34.77	Pass
			13	23.26	0.33	21.44	<=34.77	Pass
			24	22.96	0.33	21.14	<=34.77	Pass
		12	0	22.06	0.33	20.24	<=34.77	Pass
			6	22.26	0.33	20.44	<=34.77	Pass
			13	22.20	0.33	20.38	<=34.77	Pass
		25	0	22.16	0.33	20.34	<=34.77	Pass
64QAM	779.5	1	0	21.96	0.33	20.14	<=34.77	Pass
			13	22.23	0.33	20.41	<=34.77	Pass
			24	21.98	0.33	20.16	<=34.77	Pass
		12	0	20.86	0.33	19.04	<=34.77	Pass
			6	20.84	0.33	19.02	<=34.77	Pass

			13	20.95	0.33	19.13	<=34.77	Pass
		25	0	21.16	0.33	19.34	<=34.77	Pass
	782	1	0	22.40	0.33	20.58	<=34.77	Pass
			13	22.39	0.33	20.57	<=34.77	Pass
			24	22.23	0.33	20.41	<=34.77	Pass
		12	0	21.25	0.33	19.43	<=34.77	Pass
			6	21.34	0.33	19.52	<=34.77	Pass
			13	21.22	0.33	19.40	<=34.77	Pass
		25	0	21.34	0.33	19.52	<=34.77	Pass
	784.5	1	0	21.63	0.33	19.81	<=34.77	Pass
			13	21.81	0.33	19.99	<=34.77	Pass
			24	21.17	0.33	19.35	<=34.77	Pass
		12	0	20.95	0.33	19.13	<=34.77	Pass
			6	20.99	0.33	19.17	<=34.77	Pass
			13	21.09	0.33	19.27	<=34.77	Pass
		25	0	20.97	0.33	19.15	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

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	24.13	0.33	22.31	<=34.77	Pass
			25	24.09	0.33	22.27	<=34.77	Pass
			49	23.96	0.33	22.14	<=34.77	Pass
		25	0	23.15	0.33	21.33	<=34.77	Pass
			13	23.10	0.33	21.28	<=34.77	Pass
			25	23.01	0.33	21.19	<=34.77	Pass
		50	0	23.14	0.33	21.32	<=34.77	Pass
16QAM	782	1	0	23.45	0.33	21.63	<=34.77	Pass
			25	23.46	0.33	21.64	<=34.77	Pass
			49	23.36	0.33	21.54	<=34.77	Pass
		25	0	22.18	0.33	20.36	<=34.77	Pass
			13	22.20	0.33	20.38	<=34.77	Pass
			25	22.03	0.33	20.21	<=34.77	Pass
		50	0	22.10	0.33	20.28	<=34.77	Pass
64QAM	782	1	0	22.58	0.33	20.76	<=34.77	Pass
			25	22.71	0.33	20.89	<=34.77	Pass
			49	22.55	0.33	20.73	<=34.77	Pass
		25	0	21.35	0.33	19.53	<=34.77	Pass
			13	21.34	0.33	19.52	<=34.77	Pass
			25	20.96	0.33	19.14	<=34.77	Pass
		50	0	21.07	0.33	19.25	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

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	6.12	-0.658	-0.0008	-2.5 to 2.5	Pass
					7.20	0.415	0.0005	-2.5 to 2.5	Pass
					8.28	-0.014	0.0000	-2.5 to 2.5	Pass
				-30	7.20	0.000	0.0000	-2.5 to 2.5	Pass
				-20	7.20	0.114	0.0001	-2.5 to 2.5	Pass
				-10	7.20	-0.715	-0.0009	-2.5 to 2.5	Pass
				0	7.20	-0.014	0.0000	-2.5 to 2.5	Pass
				10	7.20	0.272	0.0003	-2.5 to 2.5	Pass
				30	7.20	-0.300	-0.0004	-2.5 to 2.5	Pass
				40	7.20	-0.572	-0.0007	-2.5 to 2.5	Pass
				50	7.20	-0.916	-0.0012	-2.5 to 2.5	Pass
	782	25	0	20	6.12	1.159	0.0015	-2.5 to 2.5	Pass
					7.20	0.744	0.0010	-2.5 to 2.5	Pass
					8.28	0.286	0.0004	-2.5 to 2.5	Pass
				-30	7.20	0.086	0.0001	-2.5 to 2.5	Pass
				-20	7.20	0.472	0.0006	-2.5 to 2.5	Pass
				-10	7.20	0.730	0.0009	-2.5 to 2.5	Pass
				0	7.20	1.302	0.0017	-2.5 to 2.5	Pass
				10	7.20	1.287	0.0016	-2.5 to 2.5	Pass
				30	7.20	1.402	0.0018	-2.5 to 2.5	Pass
				40	7.20	1.802	0.0023	-2.5 to 2.5	Pass
				50	7.20	1.774	0.0023	-2.5 to 2.5	Pass
	784.5	25	0	20	6.12	2.561	0.0033	-2.5 to 2.5	Pass
					7.20	3.262	0.0042	-2.5 to 2.5	Pass
					8.28	2.074	0.0026	-2.5 to 2.5	Pass
				-30	7.20	2.933	0.0037	-2.5 to 2.5	Pass
				-20	7.20	4.077	0.0052	-2.5 to 2.5	Pass
				-10	7.20	3.462	0.0044	-2.5 to 2.5	Pass
				0	7.20	4.492	0.0057	-2.5 to 2.5	Pass
				10	7.20	3.061	0.0039	-2.5 to 2.5	Pass
				30	7.20	2.432	0.0031	-2.5 to 2.5	Pass
				40	7.20	2.475	0.0032	-2.5 to 2.5	Pass
				50	7.20	2.947	0.0038	-2.5 to 2.5	Pass
16QAM	779.5	25	0	20	6.12	-0.014	0.0000	-2.5 to 2.5	Pass
					7.20	0.372	0.0005	-2.5 to 2.5	Pass
					8.28	0.014	0.0000	-2.5 to 2.5	Pass
				-30	7.20	0.029	0.0000	-2.5 to 2.5	Pass
				-20	7.20	0.501	0.0006	-2.5 to 2.5	Pass
				-10	7.20	0.086	0.0001	-2.5 to 2.5	Pass
				0	7.20	0.100	0.0001	-2.5 to 2.5	Pass
				10	7.20	-0.215	-0.0003	-2.5 to 2.5	Pass
				30	7.20	0.200	0.0003	-2.5 to 2.5	Pass
				40	7.20	-0.243	-0.0003	-2.5 to 2.5	Pass
				50	7.20	0.014	0.0000	-2.5 to 2.5	Pass
	782	25	0	20	6.12	1.545	0.0020	-2.5 to 2.5	Pass
					7.20	2.146	0.0027	-2.5 to 2.5	Pass
					8.28	2.317	0.0030	-2.5 to 2.5	Pass

				-30	7.20	2.360	0.0030	-2.5 to 2.5	Pass
				-20	7.20	2.317	0.0030	-2.5 to 2.5	Pass
				-10	7.20	3.204	0.0041	-2.5 to 2.5	Pass
				0	7.20	2.260	0.0029	-2.5 to 2.5	Pass
				10	7.20	2.017	0.0026	-2.5 to 2.5	Pass
				30	7.20	1.888	0.0024	-2.5 to 2.5	Pass
				40	7.20	1.302	0.0017	-2.5 to 2.5	Pass
				50	7.20	0.758	0.0010	-2.5 to 2.5	Pass
	784.5	25	0	20	6.12	1.760	0.0022	-2.5 to 2.5	Pass
					7.20	1.960	0.0025	-2.5 to 2.5	Pass
					8.28	0.987	0.0013	-2.5 to 2.5	Pass
				-30	7.20	1.431	0.0018	-2.5 to 2.5	Pass
				-20	7.20	1.717	0.0022	-2.5 to 2.5	Pass
				-10	7.20	1.388	0.0018	-2.5 to 2.5	Pass
				0	7.20	1.130	0.0014	-2.5 to 2.5	Pass
				10	7.20	1.187	0.0015	-2.5 to 2.5	Pass
				30	7.20	0.129	0.0002	-2.5 to 2.5	Pass
				40	7.20	1.345	0.0017	-2.5 to 2.5	Pass
				50	7.20	1.044	0.0013	-2.5 to 2.5	Pass
64QAM	779.5	25	0	20	6.12	-1.059	-0.0014	-2.5 to 2.5	Pass
					7.20	-1.173	-0.0015	-2.5 to 2.5	Pass
					8.28	-0.386	-0.0005	-2.5 to 2.5	Pass
				-30	7.20	-0.601	-0.0008	-2.5 to 2.5	Pass
				-20	7.20	-0.429	-0.0006	-2.5 to 2.5	Pass
				-10	7.20	-0.916	-0.0012	-2.5 to 2.5	Pass
				0	7.20	-0.429	-0.0006	-2.5 to 2.5	Pass
				10	7.20	-0.587	-0.0008	-2.5 to 2.5	Pass
				30	7.20	-1.059	-0.0014	-2.5 to 2.5	Pass
				40	7.20	-0.887	-0.0011	-2.5 to 2.5	Pass
				50	7.20	-0.329	-0.0004	-2.5 to 2.5	Pass
	782	25	0	20	6.12	0.629	0.0008	-2.5 to 2.5	Pass
					7.20	0.858	0.0011	-2.5 to 2.5	Pass
					8.28	0.629	0.0008	-2.5 to 2.5	Pass
				-30	7.20	0.229	0.0003	-2.5 to 2.5	Pass
				-20	7.20	0.758	0.0010	-2.5 to 2.5	Pass
				-10	7.20	0.343	0.0004	-2.5 to 2.5	Pass
				0	7.20	0.286	0.0004	-2.5 to 2.5	Pass
				10	7.20	0.386	0.0005	-2.5 to 2.5	Pass
				30	7.20	0.143	0.0002	-2.5 to 2.5	Pass
				40	7.20	0.401	0.0005	-2.5 to 2.5	Pass
				50	7.20	0.386	0.0005	-2.5 to 2.5	Pass
	784.5	25	0	20	6.12	0.200	0.0003	-2.5 to 2.5	Pass
					7.20	0.315	0.0004	-2.5 to 2.5	Pass
					8.28	-0.014	0.0000	-2.5 to 2.5	Pass
				-30	7.20	1.130	0.0014	-2.5 to 2.5	Pass
				-20	7.20	1.445	0.0018	-2.5 to 2.5	Pass
				-10	7.20	0.229	0.0003	-2.5 to 2.5	Pass
				0	7.20	1.044	0.0013	-2.5 to 2.5	Pass
				10	7.20	0.186	0.0002	-2.5 to 2.5	Pass
				30	7.20	0.443	0.0006	-2.5 to 2.5	Pass
				40	7.20	0.515	0.0007	-2.5 to 2.5	Pass
				50	7.20	0.887	0.0011	-2.5 to 2.5	Pass

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	6.12	-0.644	-0.0008	-2.5 to 2.5	Pass
					7.20	-0.386	-0.0005	-2.5 to 2.5	Pass
					8.28	-0.386	-0.0005	-2.5 to 2.5	Pass
				-30	7.20	0.129	0.0002	-2.5 to 2.5	Pass
				-20	7.20	0.572	0.0007	-2.5 to 2.5	Pass
				-10	7.20	-1.030	-0.0013	-2.5 to 2.5	Pass
				0	7.20	-0.057	-0.0001	-2.5 to 2.5	Pass
				10	7.20	-0.472	-0.0006	-2.5 to 2.5	Pass
				30	7.20	-0.200	-0.0003	-2.5 to 2.5	Pass
				40	7.20	0.215	0.0003	-2.5 to 2.5	Pass
				50	7.20	0.172	0.0002	-2.5 to 2.5	Pass
16QAM	782	50	0	20	6.12	0.172	0.0002	-2.5 to 2.5	Pass
					7.20	-0.415	-0.0005	-2.5 to 2.5	Pass
					8.28	-0.172	-0.0002	-2.5 to 2.5	Pass
				-30	7.20	-0.114	-0.0001	-2.5 to 2.5	Pass
				-20	7.20	-0.114	-0.0001	-2.5 to 2.5	Pass
				-10	7.20	0.114	0.0001	-2.5 to 2.5	Pass
				0	7.20	0.157	0.0002	-2.5 to 2.5	Pass
				10	7.20	-0.486	-0.0006	-2.5 to 2.5	Pass
				30	7.20	-0.787	-0.0010	-2.5 to 2.5	Pass
				40	7.20	-0.944	-0.0012	-2.5 to 2.5	Pass
				50	7.20	0.372	0.0005	-2.5 to 2.5	Pass
64QAM	782	50	0	20	6.12	0.229	0.0003	-2.5 to 2.5	Pass
					7.20	-0.129	-0.0002	-2.5 to 2.5	Pass
					8.28	-0.558	-0.0007	-2.5 to 2.5	Pass
				-30	7.20	-0.257	-0.0003	-2.5 to 2.5	Pass
				-20	7.20	0.343	0.0004	-2.5 to 2.5	Pass
				-10	7.20	-0.286	-0.0004	-2.5 to 2.5	Pass
				0	7.20	-0.644	-0.0008	-2.5 to 2.5	Pass
				10	7.20	-0.572	-0.0007	-2.5 to 2.5	Pass
				30	7.20	-0.472	-0.0006	-2.5 to 2.5	Pass
				40	7.20	-0.358	-0.0005	-2.5 to 2.5	Pass
				50	7.20	-0.529	-0.0007	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

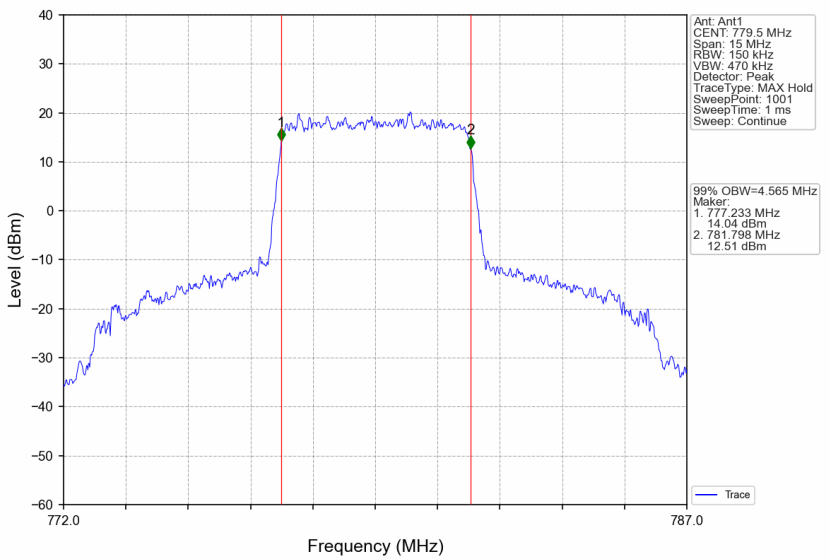
3.1 Band13_OBW

3.1.1 Test Result

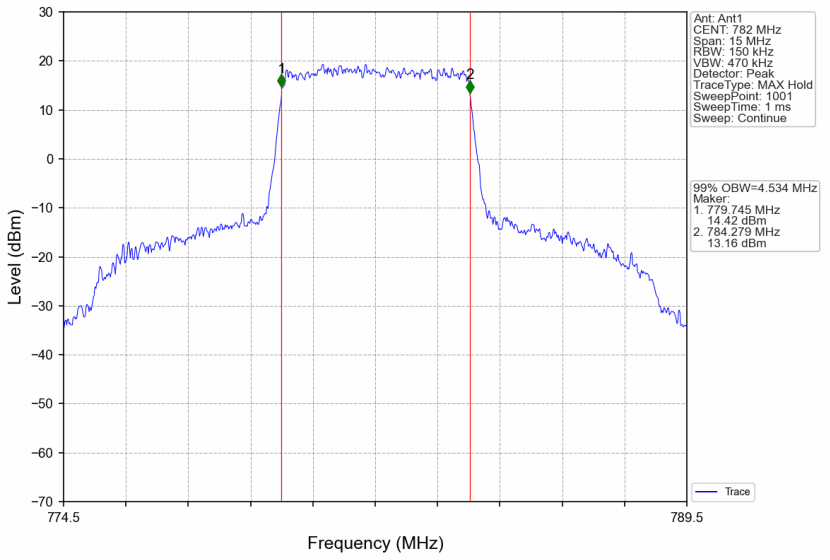
Band: 13 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	779.5	25	0	4.565	/	Pass
		782	25	0	4.534	/	Pass
		784.5	25	0	4.549	/	Pass
	16QAM	779.5	25	0	4.533	/	Pass
		782	25	0	4.572	/	Pass
		784.5	25	0	4.560	/	Pass
	64QAM	779.5	25	0	4.534	/	Pass
		782	25	0	4.556	/	Pass
		784.5	25	0	4.540	/	Pass
10	QPSK	782	50	0	9.055	/	Pass
	16QAM	782	50	0	9.044	/	Pass
	64QAM	782	50	0	9.042	/	Pass

3.1.2 Test Graph

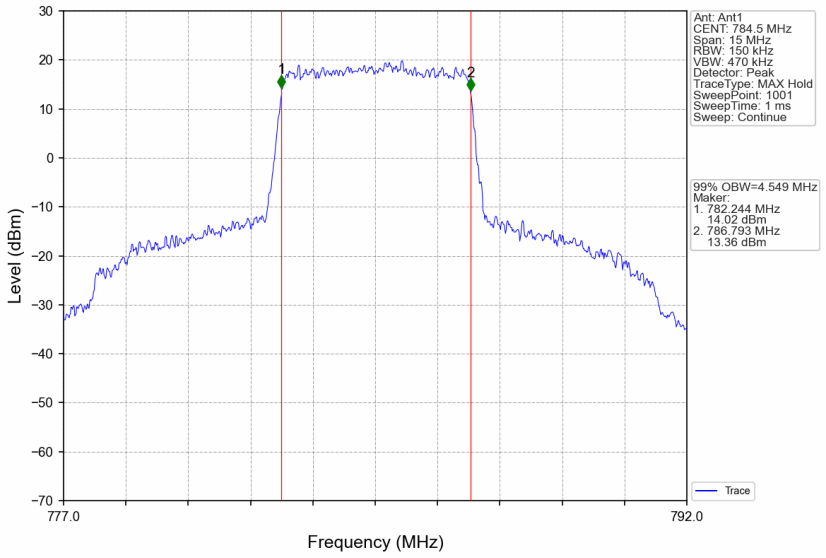
Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV



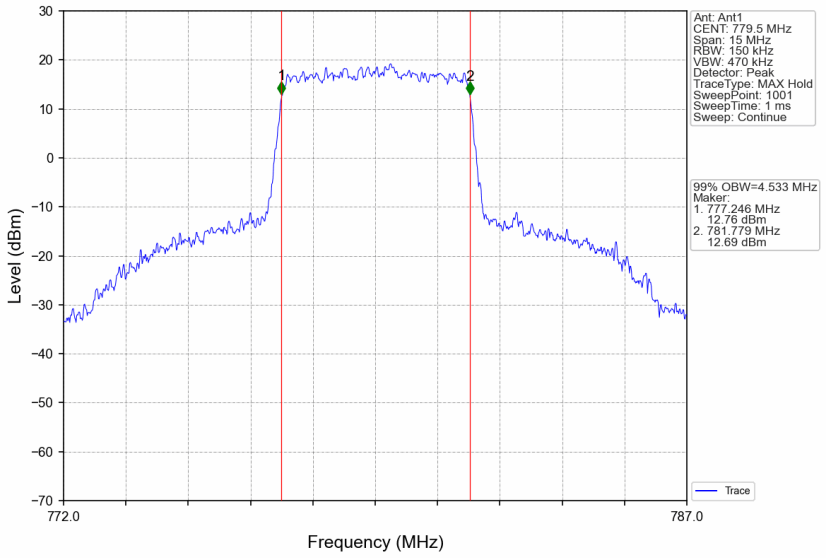
Band13_5MHz_QPSK_MCH_782MHz_RB_25_0_NTNV



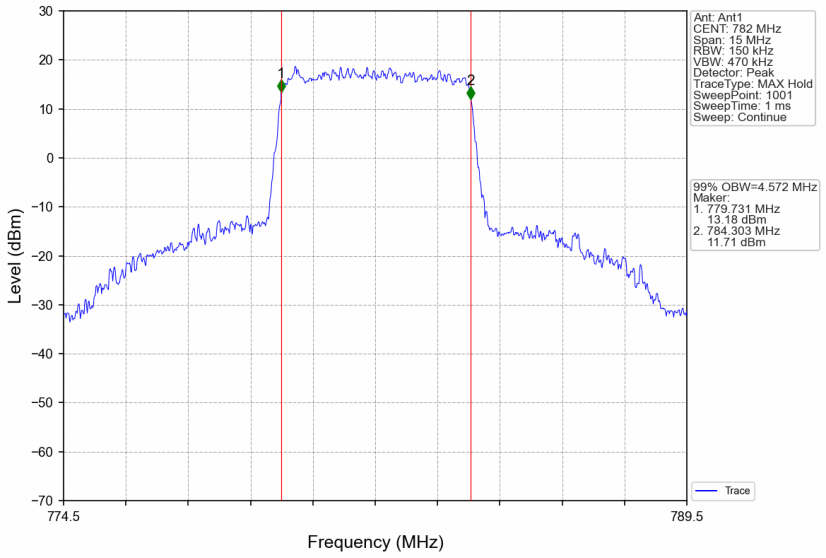
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



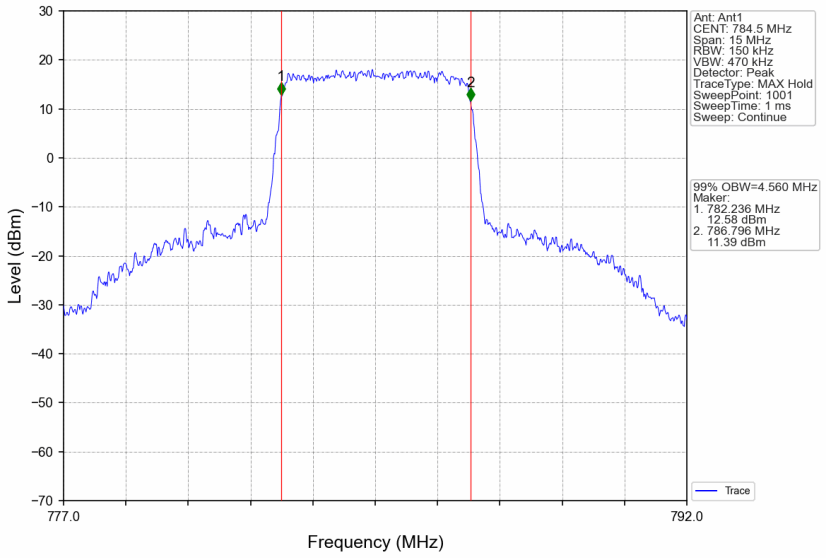
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



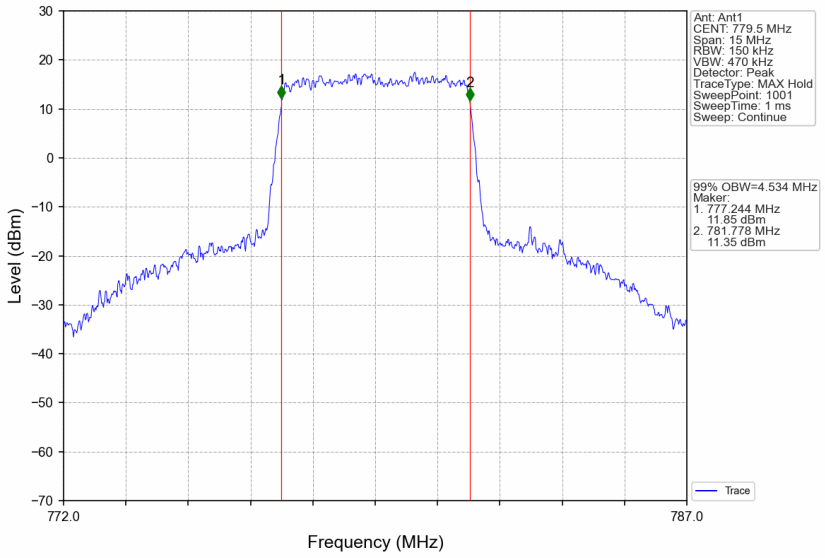
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



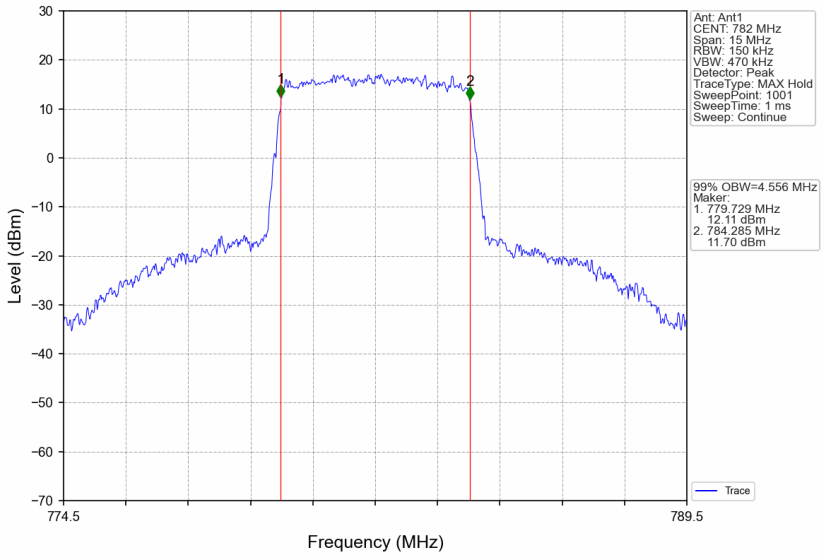
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



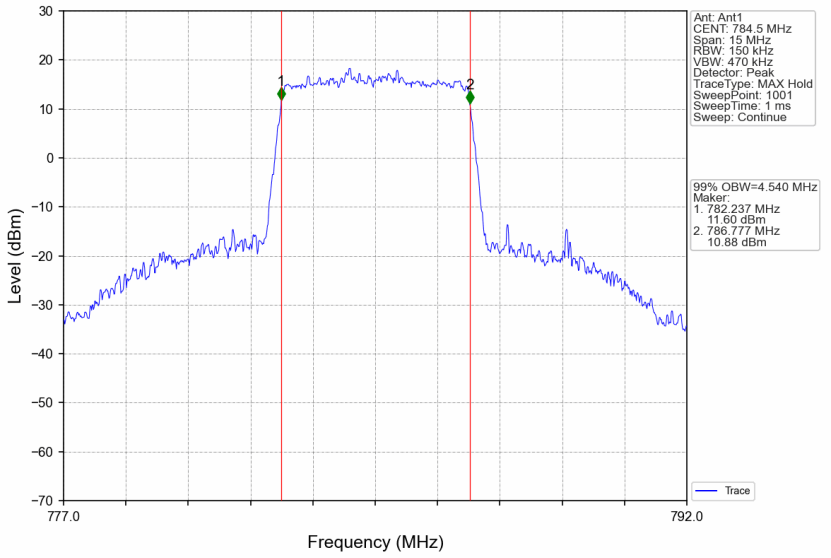
Band13_5MHz_64QAM_LCH_779.5MHz_RB_25_0_NTNV



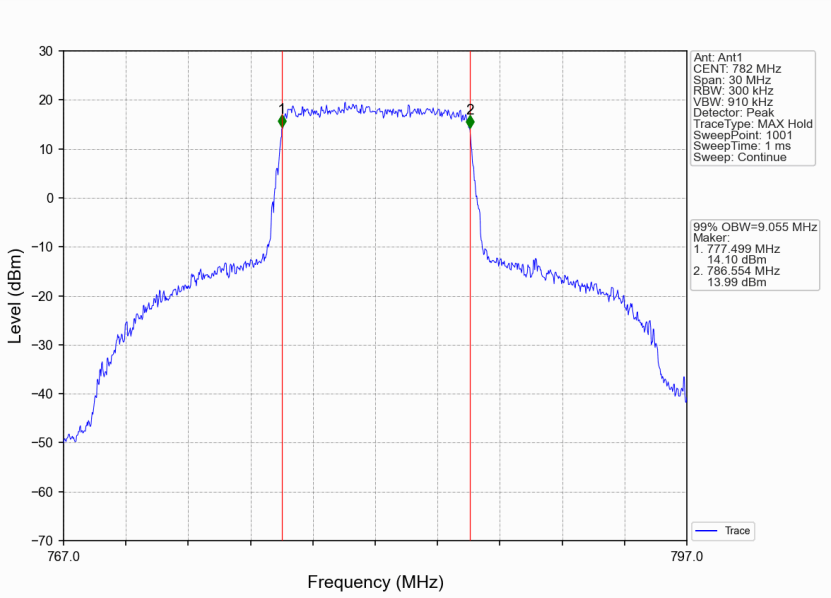
Band13_5MHz_64QAM_MCH_782MHz_RB_25_0_NTNV



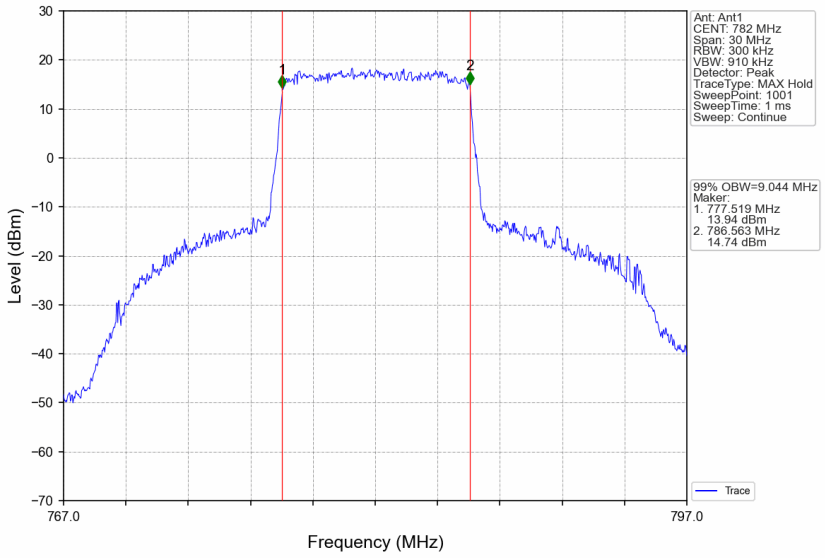
Band13_5MHz_64QAM_HCH_784.5MHz_RB_25_0_NTNV



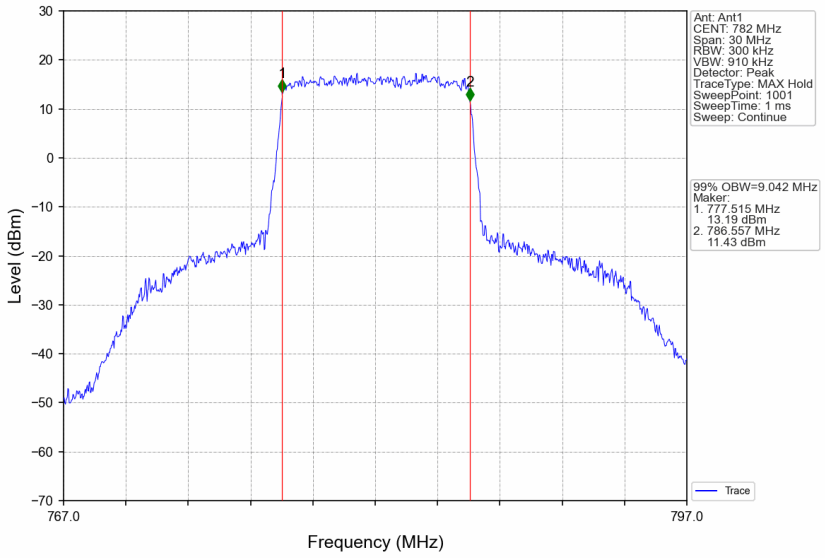
Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_64QAM_MCH_782MHz_RB_50_0_NTNV



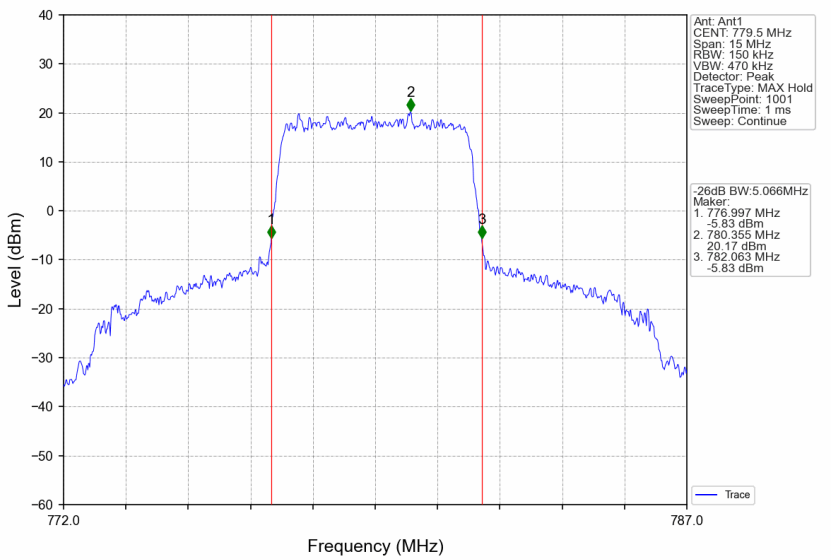
4. Band13_XDB

4.1.1 Test Result

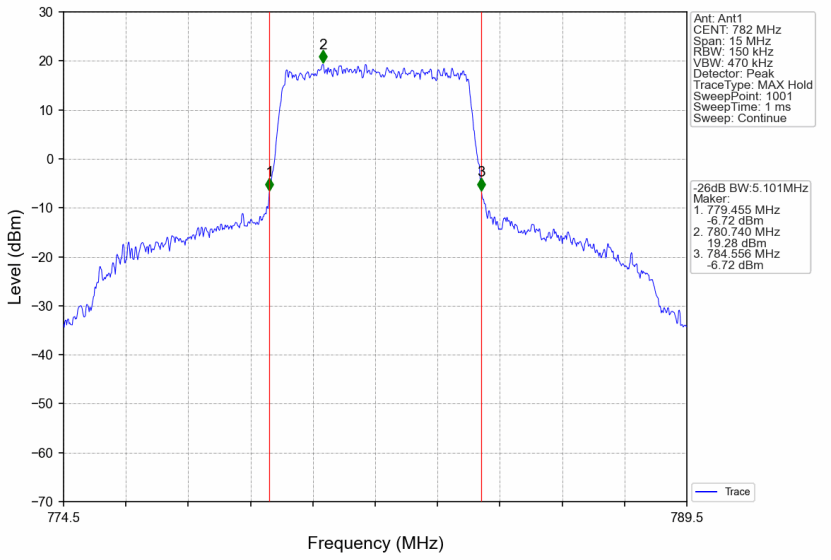
Band: 13 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	779.5	25	0	5.066	/	Pass
		782	25	0	5.101	/	Pass
		784.5	25	0	5.074	/	Pass
	16QAM	779.5	25	0	5.051	/	Pass
		782	25	0	5.070	/	Pass
		784.5	25	0	5.090	/	Pass
	64QAM	779.5	25	0	5.076	/	Pass
		782	25	0	5.093	/	Pass
		784.5	25	0	5.048	/	Pass
10	QPSK	782	50	0	10.089	/	Pass
	16QAM	782	50	0	10.076	/	Pass
	64QAM	782	50	0	10.068	/	Pass

4.1.2 Test Graph

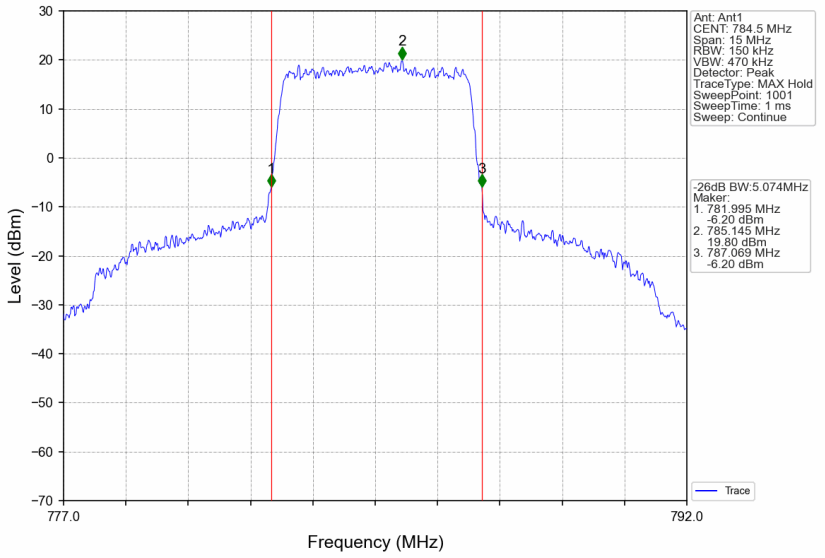
Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV



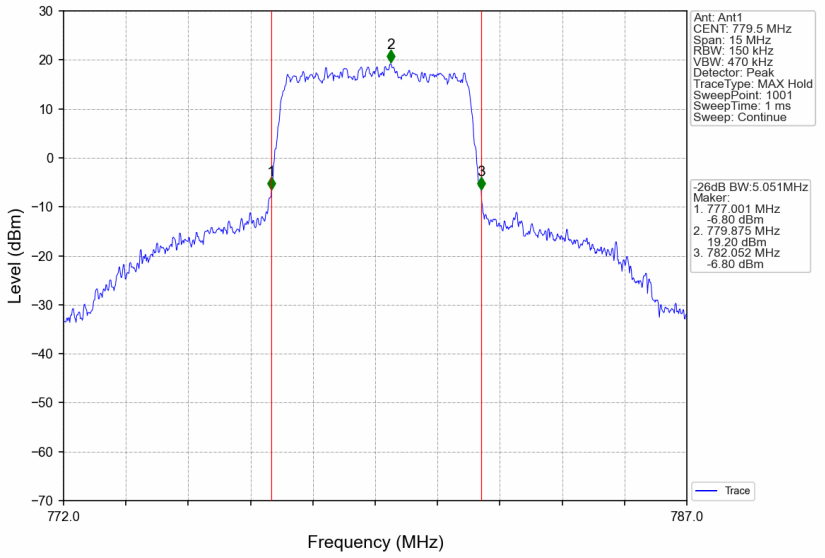
Band13_5MHz_QPSK_MCH_782MHz_RB_25_0_NTNV



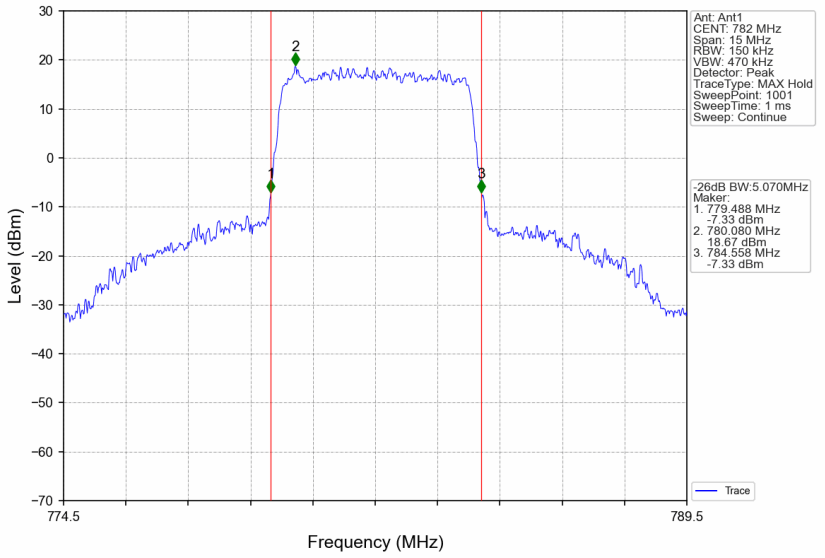
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



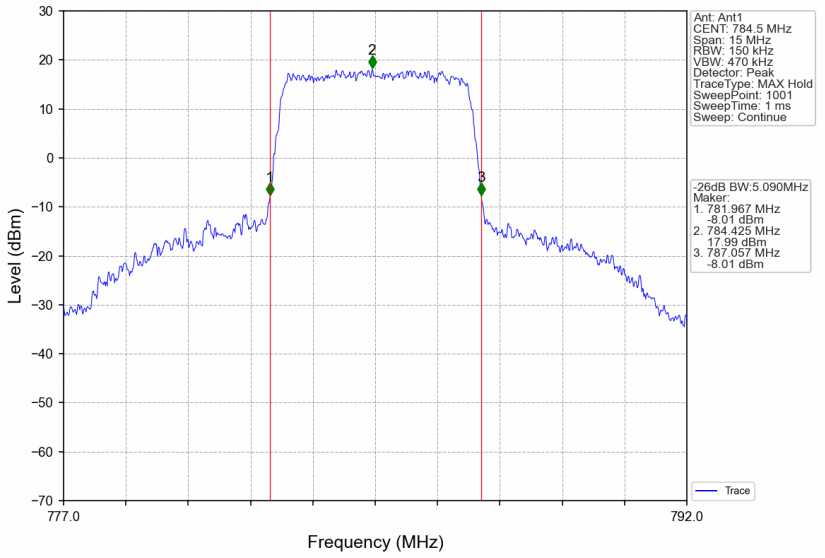
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



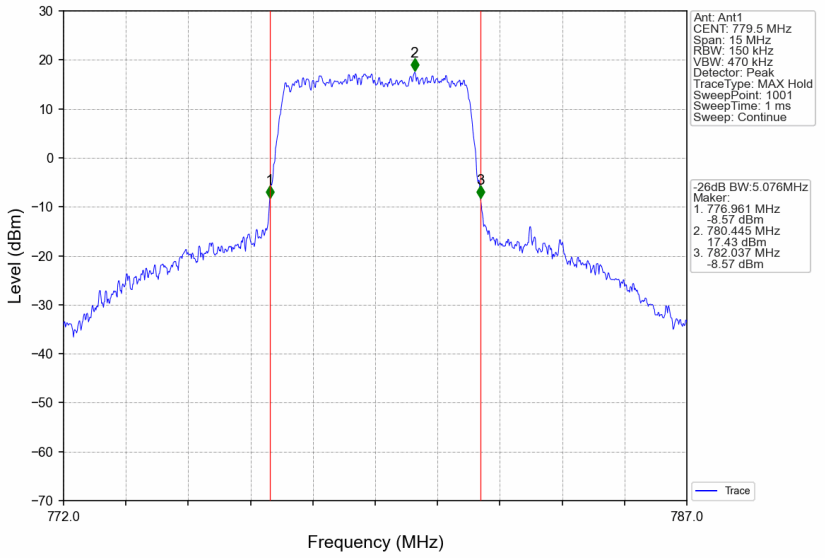
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



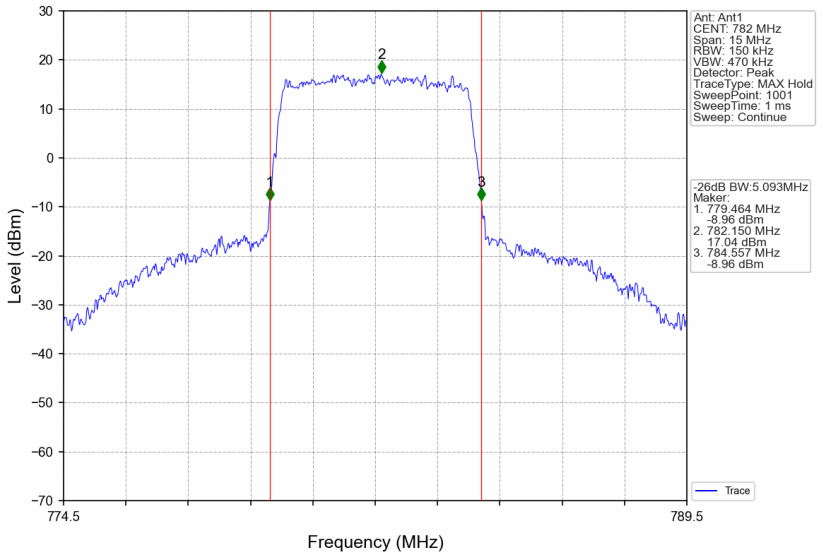
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



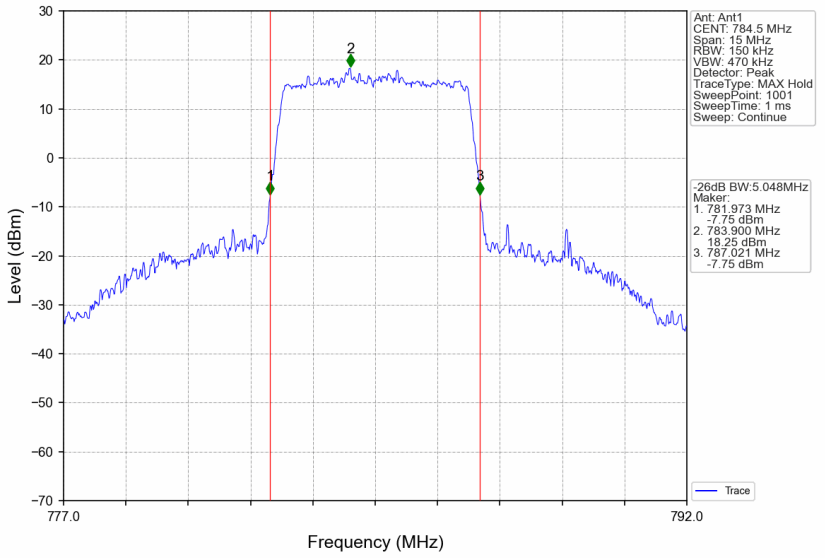
Band13_5MHz_64QAM_LCH_779.5MHz_RB_25_0_NTNV



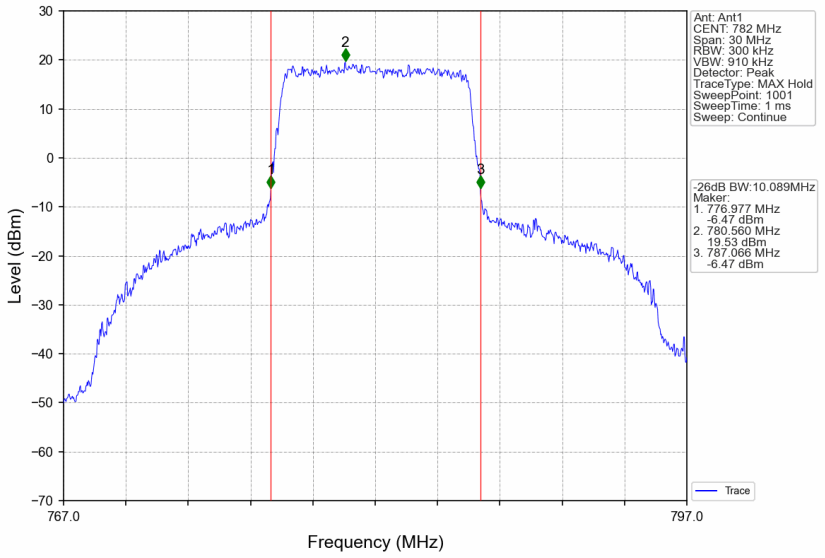
Band13_5MHz_64QAM_MCH_782MHz_RB_25_0_NTNV



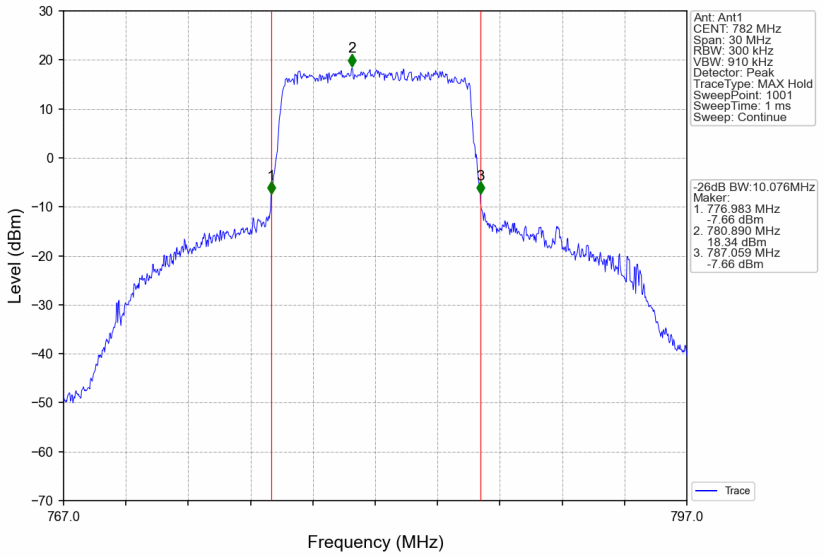
Band13_5MHz_64QAM_HCH_784.5MHz_RB_25_0_NTNV



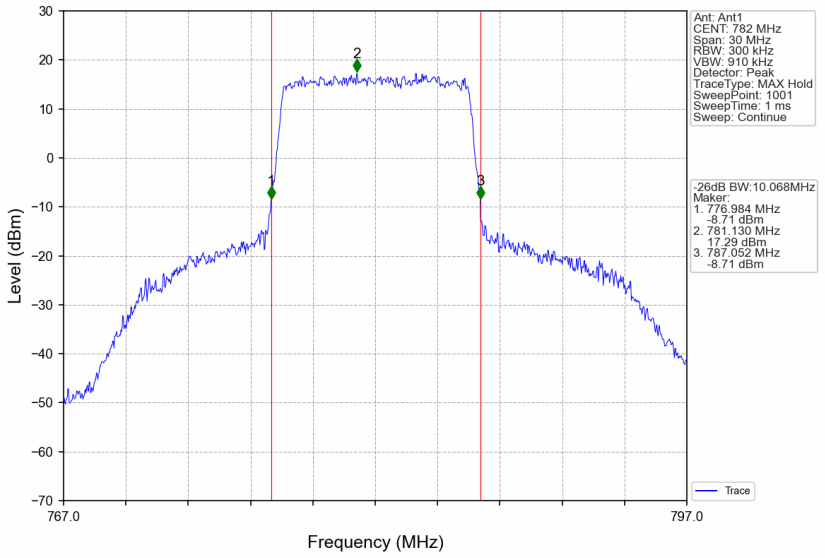
Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_64QAM_MCH_782MHz_RB_50_0_NTNV



5. Peak-Average Ratio

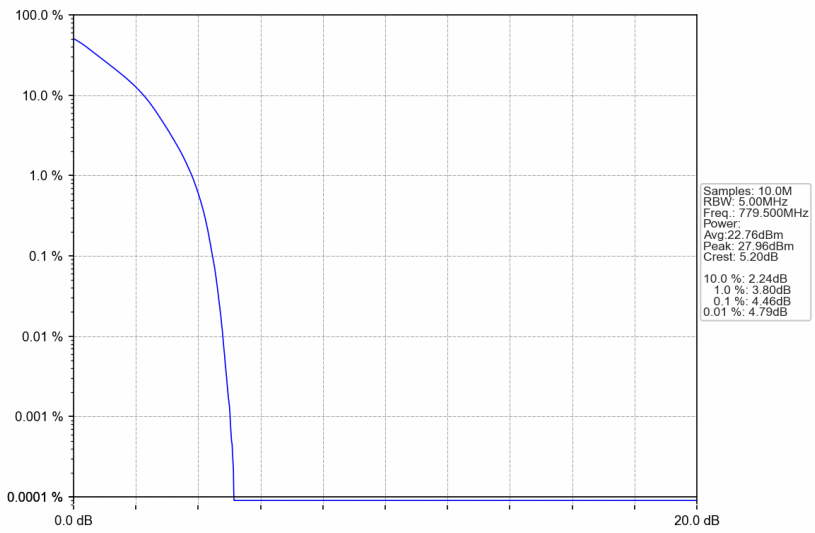
5.1 B13_5MHz

5.1.1 Test Result

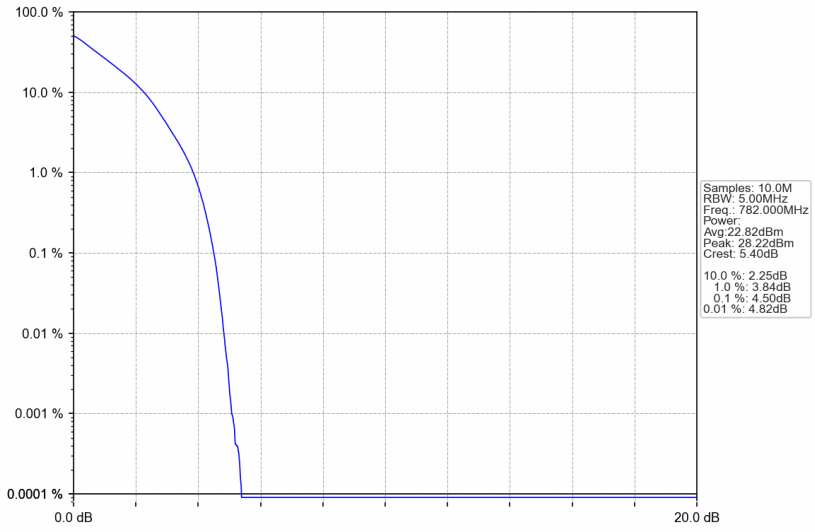
Band: 13 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	779.5	25	0	4.46	<=13	Pass
	782	25	0	4.50	<=13	Pass
	784.5	25	0	4.47	<=13	Pass
16QAM	779.5	25	0	5.15	<=13	Pass
	782	25	0	5.24	<=13	Pass
	784.5	25	0	5.25	<=13	Pass
64QAM	779.5	25	0	5.78	<=13	Pass
	782	25	0	5.80	<=13	Pass
	784.5	25	0	5.91	<=13	Pass

5.1.2 Test Graph

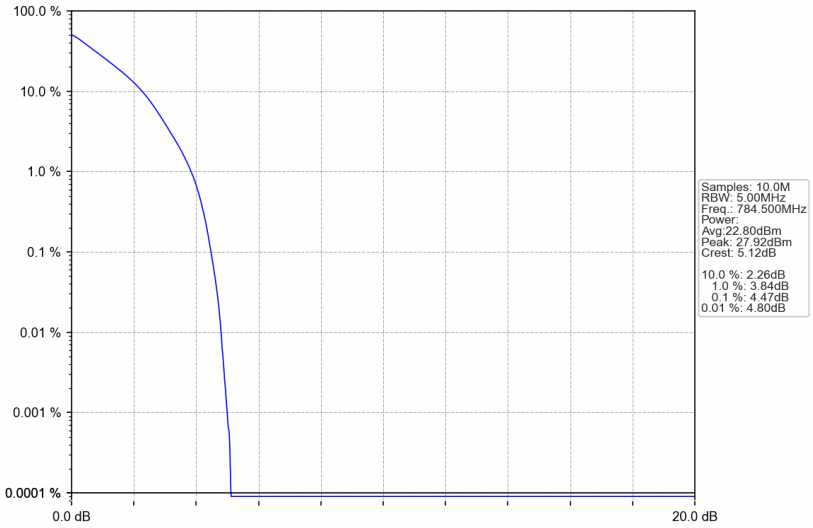
Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV



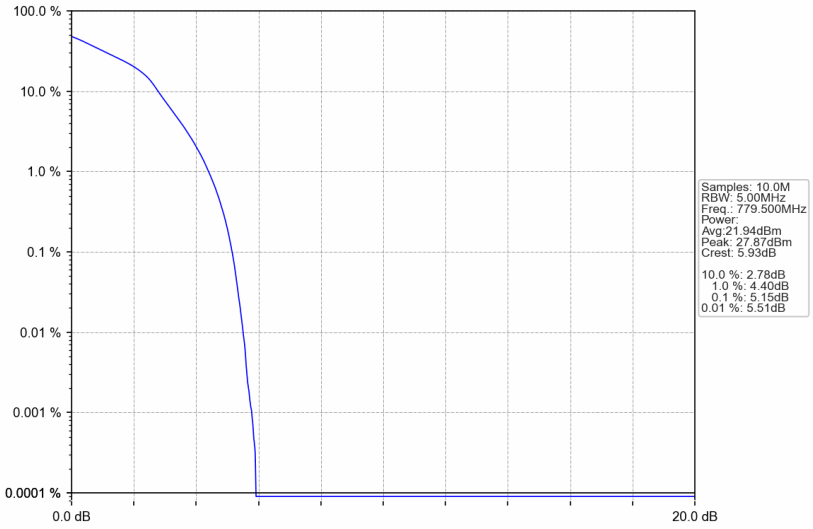
Band13_5MHz_QPSK_MCH_782MHz_RB_25_0_NTNV



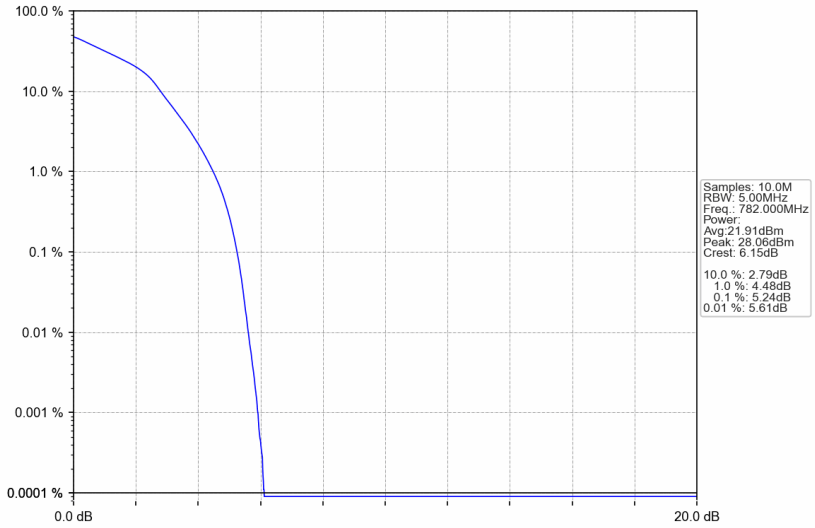
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



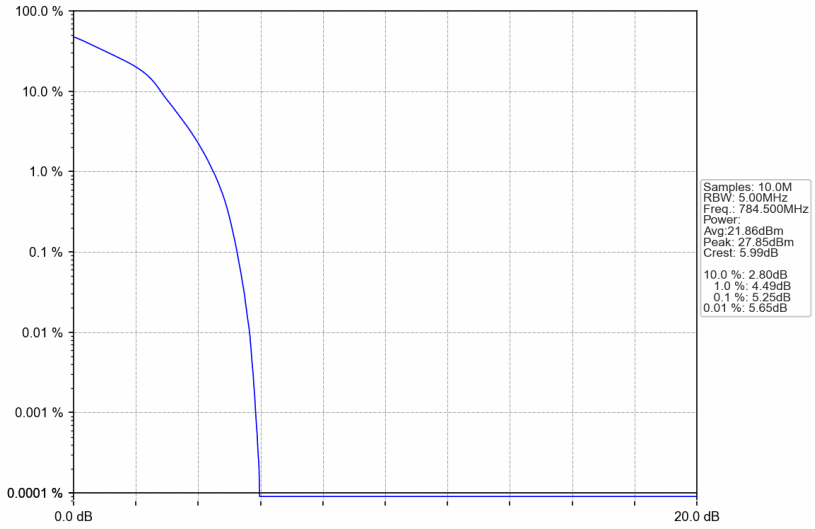
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



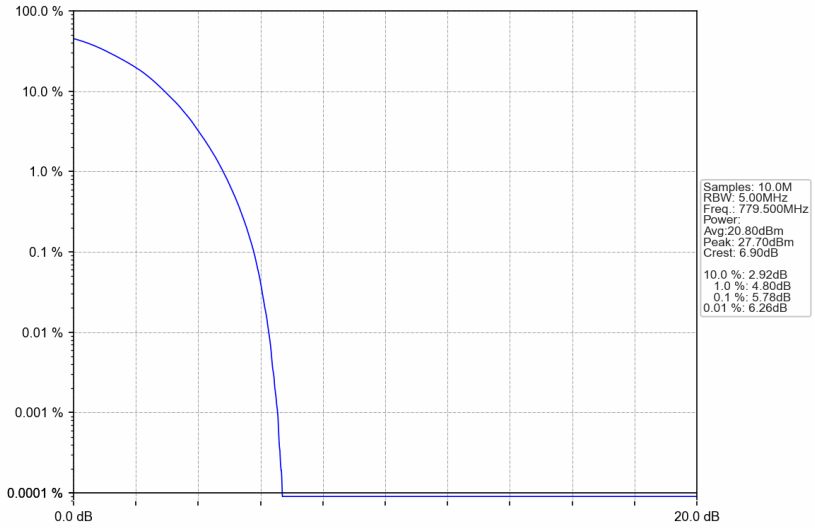
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



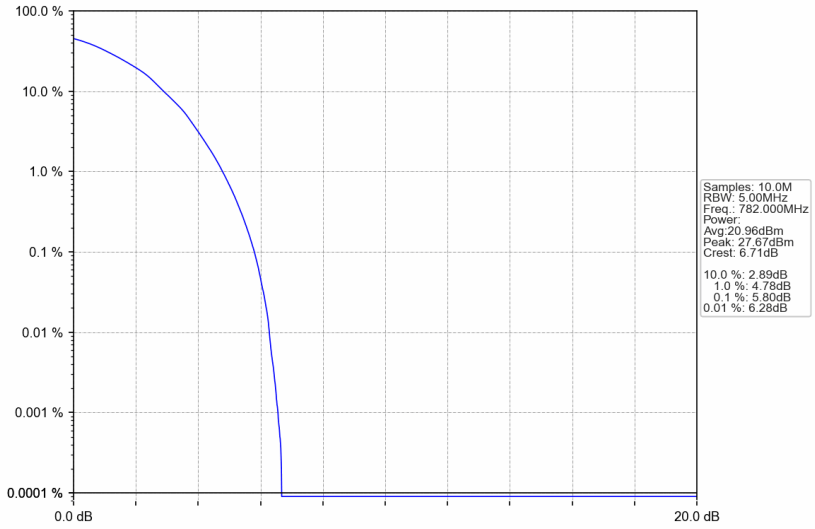
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



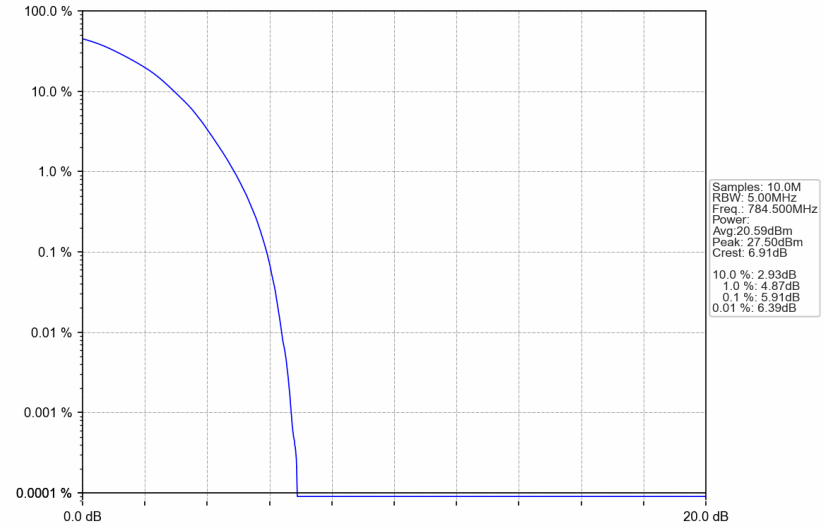
Band13_5MHz_64QAM_LCH_779.5MHz_RB_25_0_NTNV



Band13_5MHz_64QAM_MCH_782MHz_RB_25_0_NTNV



Band13_5MHz_64QAM_HCH_784.5MHz_RB_25_0_NTNV



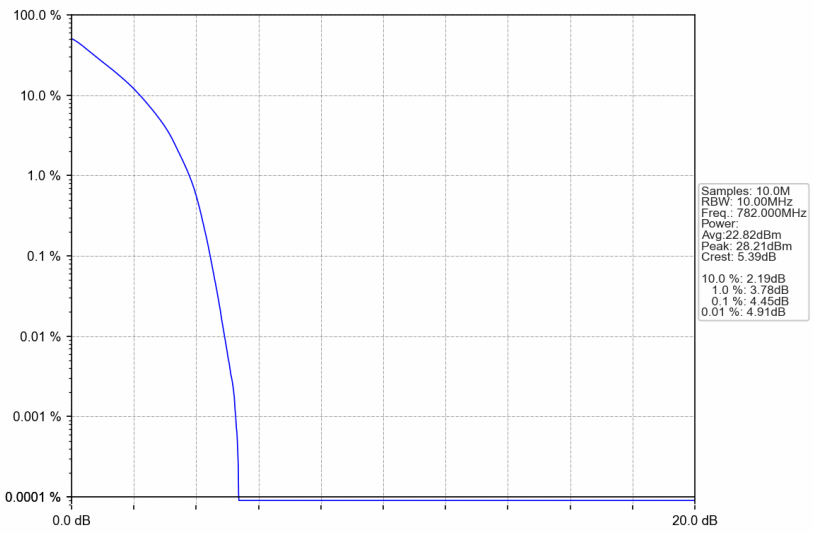
5.2 B13_10MHz

5.2.1 Test Result

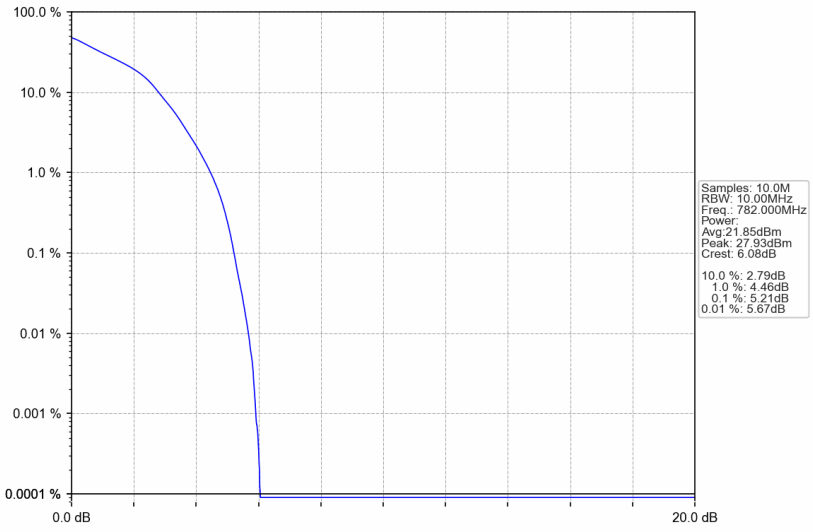
Band: 13 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	782	50	0	4.45	<=13	Pass
16QAM	782	50	0	5.21	<=13	Pass
64QAM	782	50	0	5.83	<=13	Pass

5.2.2 Test Graph

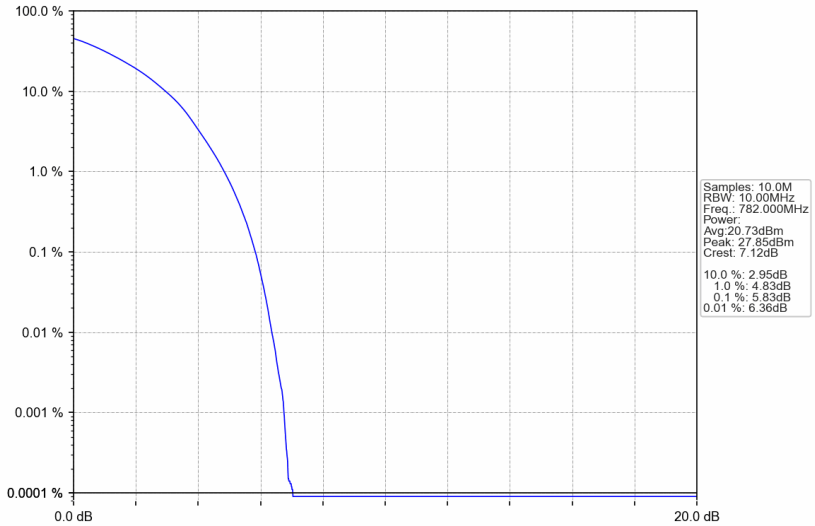
Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_64QAM_MCH_782MHz_RB_50_0_NTNV



6. Spurious Emission

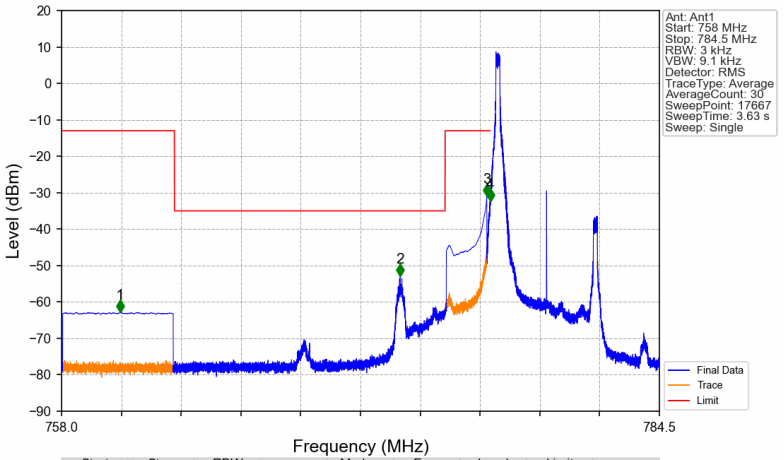
6.1 B13_5MHz

6.1.1 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

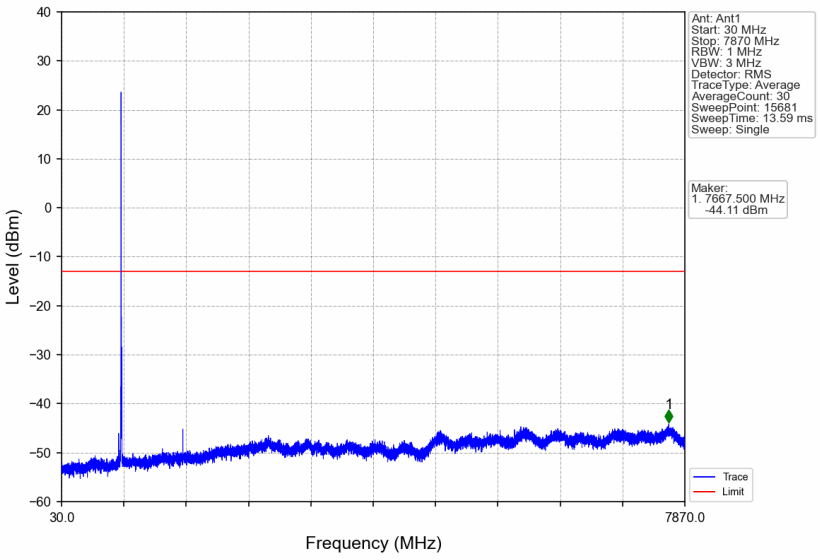
6.1.2 Test Graph

Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV

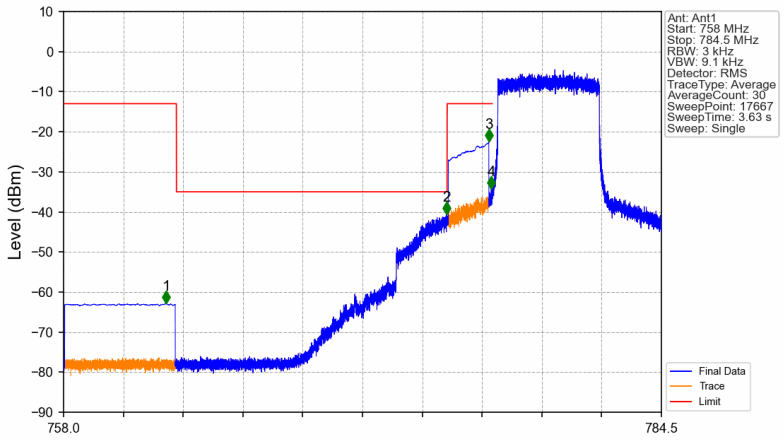


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	760.585	-62.89	-13	Pass
763	775	0.00625	/	2	773.011	-52.95	-35	Pass
775	776.9	0.1	CHP	3	776.850	-31.08	-13	Pass
776.9	777	0.03	/	4	777.000	-32.39	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV

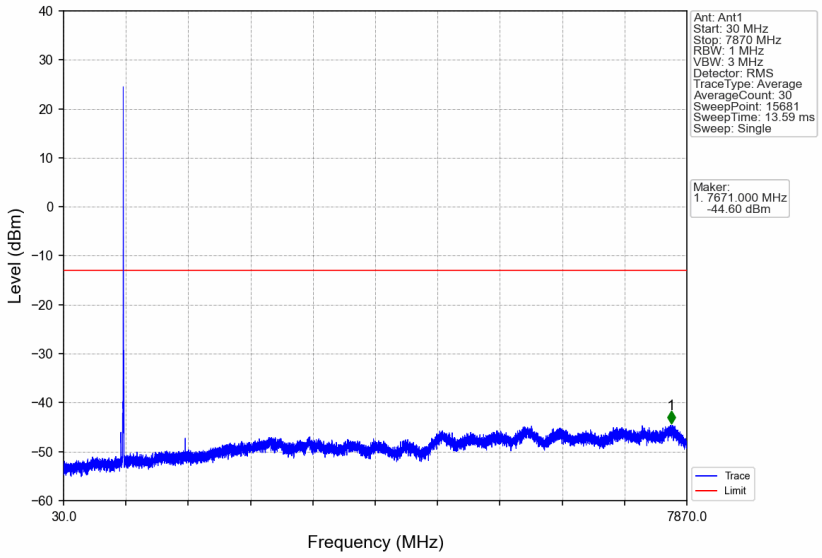


Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV

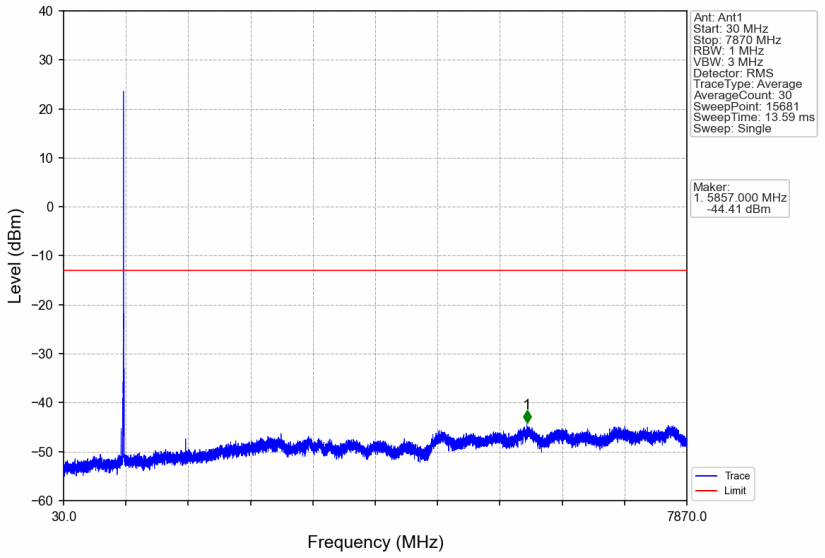


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.547	-62.89	-13	Pass
763	775	0.00625	/	2	774.975	-40.58	-35	Pass
775	776.9	0.1	CHP	3	776.850	-22.53	-13	Pass
776.9	777	0.03	/	4	776.958	-34.29	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

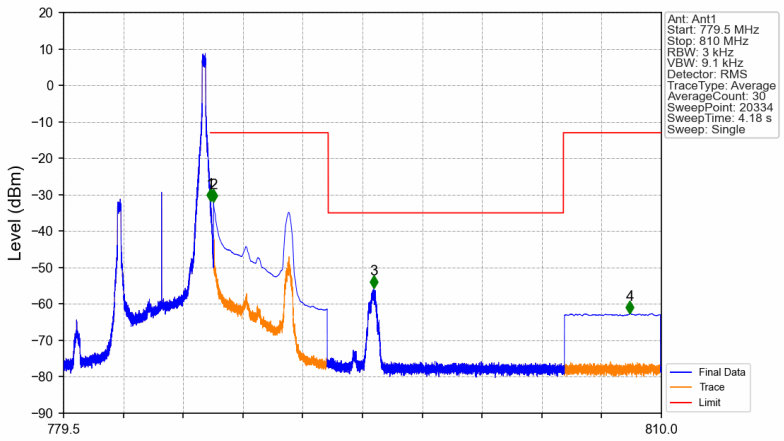
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV

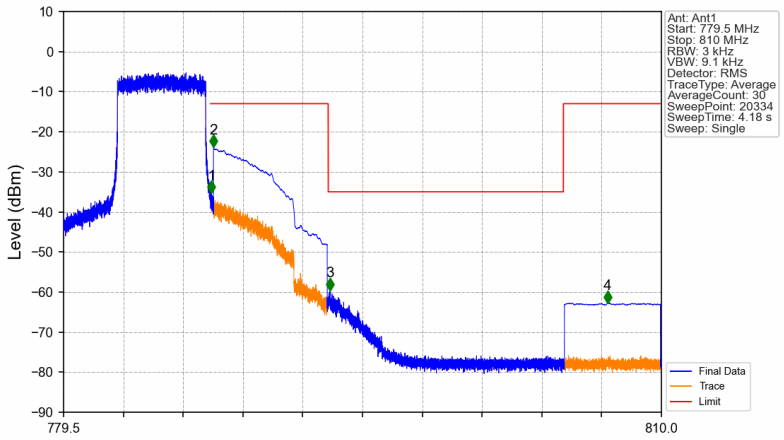


Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_24_NTNV



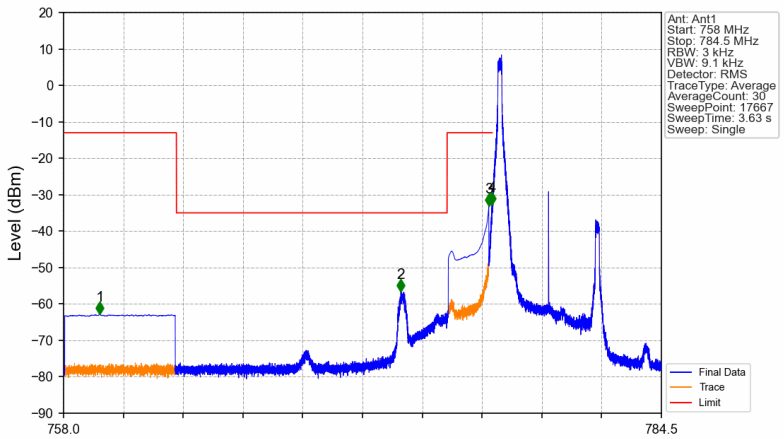
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	1	787.000	-31.88	-13	Pass
787.1	793	0.1	CHP	2	787.150	-32.04	-13	Pass
793	805	0.00625	/	3	795.339	-55.64	-35	Pass
805	810	0.1	CHP	4	808.395	-62.62	-13	Pass

Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



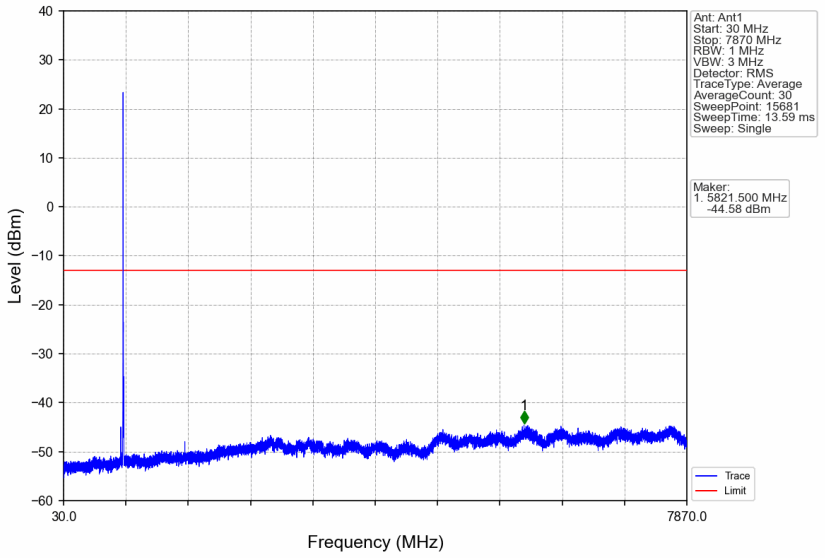
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	1	787.045	-35.27	-13	Pass
787.1	793	0.1	CHP	2	787.150	-23.94	-13	Pass
793	805	0.00625	/	3	793.104	-59.58	-35	Pass
805	810	0.1	CHP	4	807.246	-62.76	-13	Pass

Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV

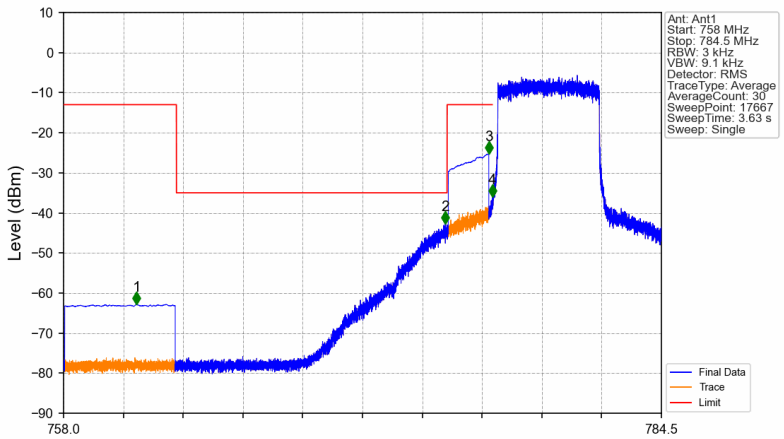


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	759.607	-62.87	-13	Pass
763	775	0.00625	/	2	772.950	-56.59	-35	Pass
775	776.9	0.1	CHP	3	776.850	-33.23	-13	Pass
776.9	777	0.03	/	4	776.989	-32.72	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV

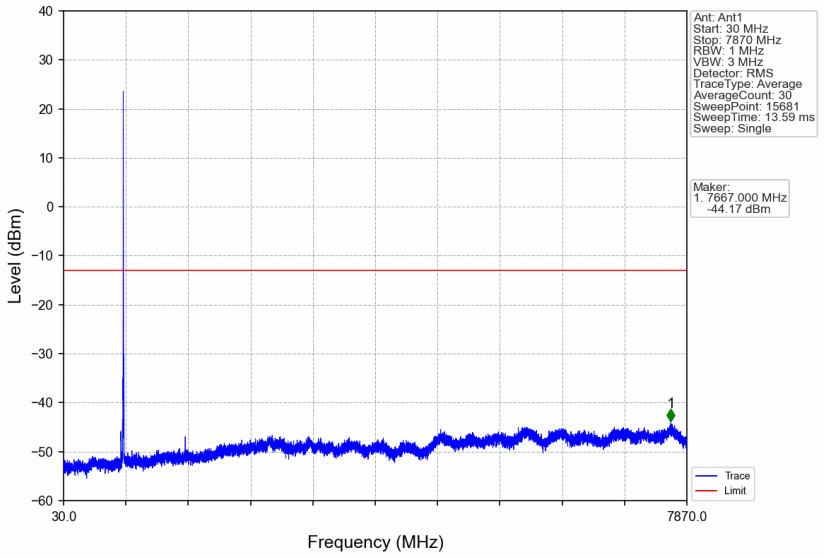


Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV

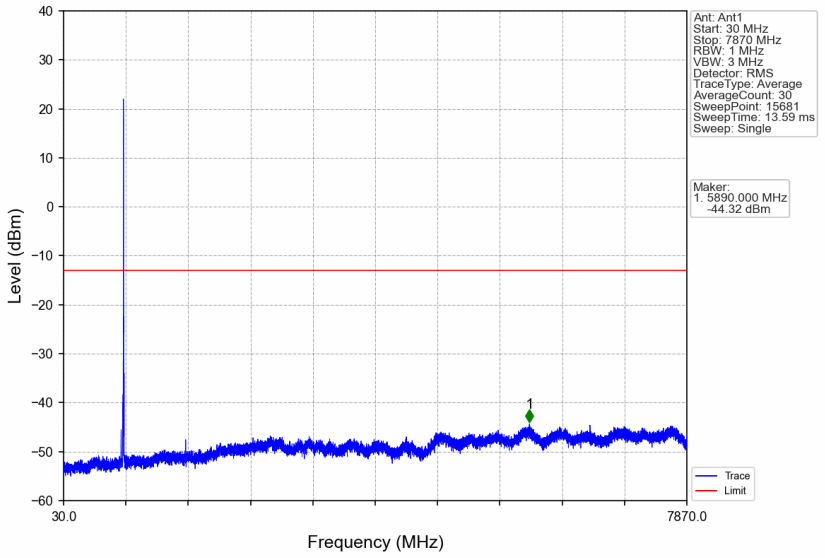


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	761.239	-62.82	-13	Pass
763	775	0.00625	/	2	774.918	-42.80	-35	Pass
775	776.9	0.1	CHP	3	776.850	-25.25	-13	Pass
776.9	777	0.03	/	4	777.000	-36.10	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

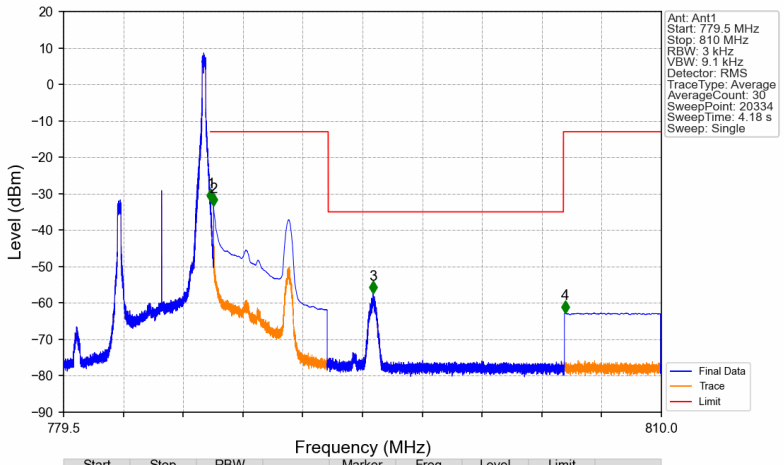
Band13_5MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_0_NTNV

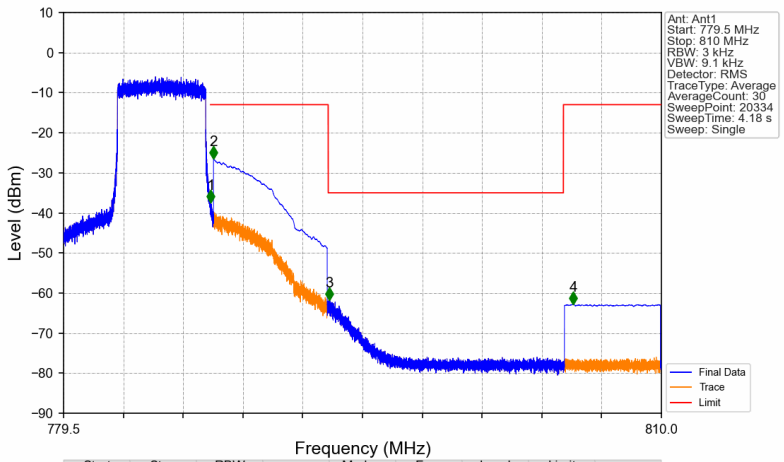


Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_24_NTNV



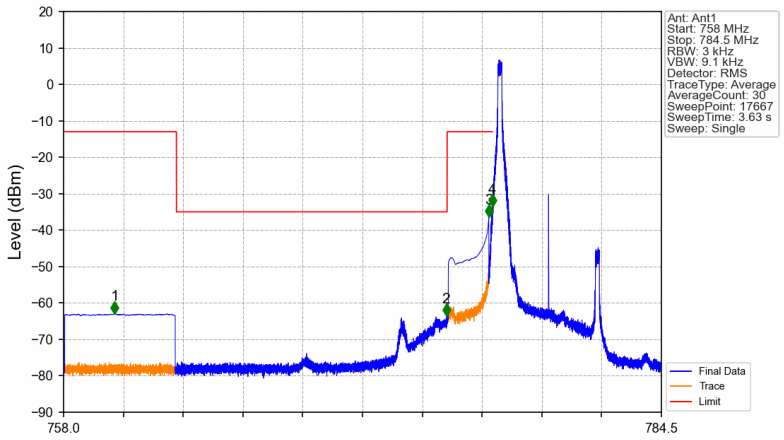
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	1	787.002	-32.09	-13	Pass
787.1	793	0.1	CHP	2	787.150	-33.42	-13	Pass
793	805	0.00625	/	3	795.294	-57.50	-35	Pass
805	810	0.1	CHP	4	805.087	-62.75	-13	Pass

Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



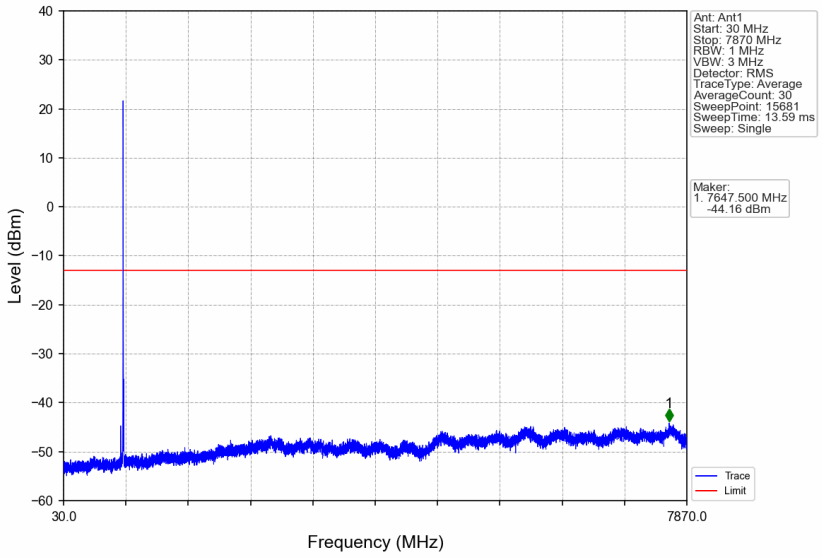
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	1	787.009	-37.48	-13	Pass
787.1	793	0.1	CHP	2	787.158	-26.53	-13	Pass
793	805	0.00625	/	3	793.072	-61.80	-35	Pass
805	810	0.1	CHP	4	805.500	-62.79	-13	Pass

Band13_5MHz_64QAM_LCH_779.5MHz_RB_1_0_NTNV

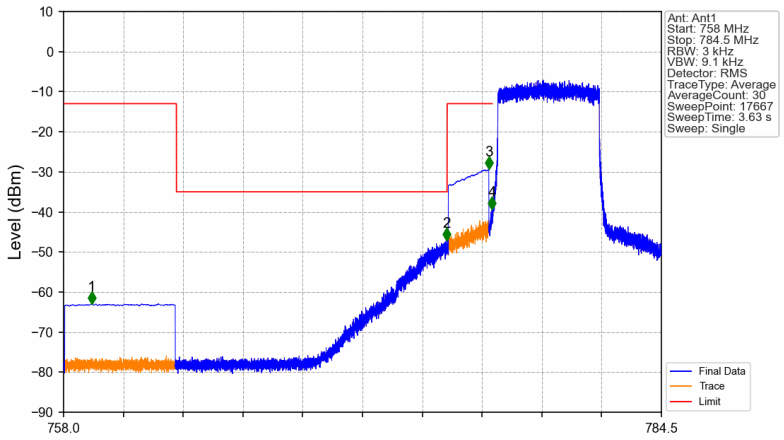


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	760.265	-62.95	-13	Pass
763	775	0.00625	/	2	774.966	-63.69	-35	Pass
775	776.9	0.1	CHP	3	776.850	-36.50	-13	Pass
776.9	777	0.03	/	4	777.000	-33.57	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

Band13_5MHz_64QAM_LCH_779.5MHz_RB_1_0_NTNV

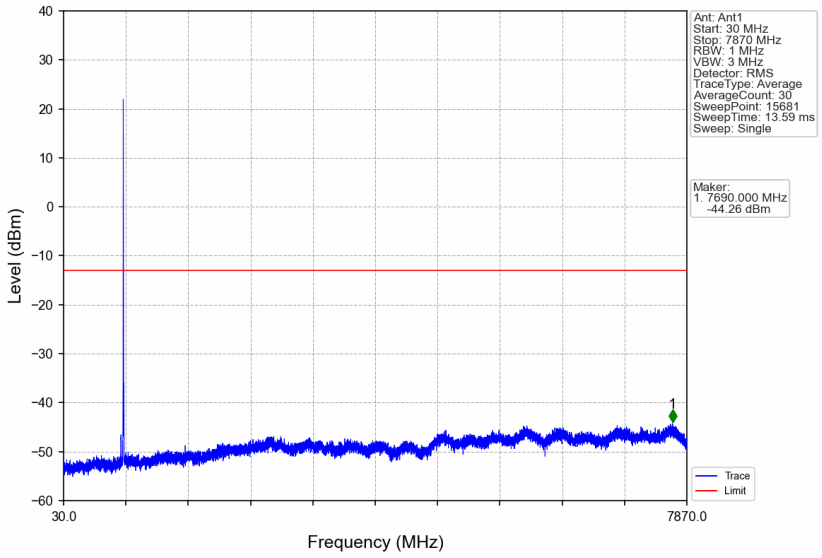


Band13_5MHz_64QAM_LCH_779.5MHz_RB_25_0_NTNV

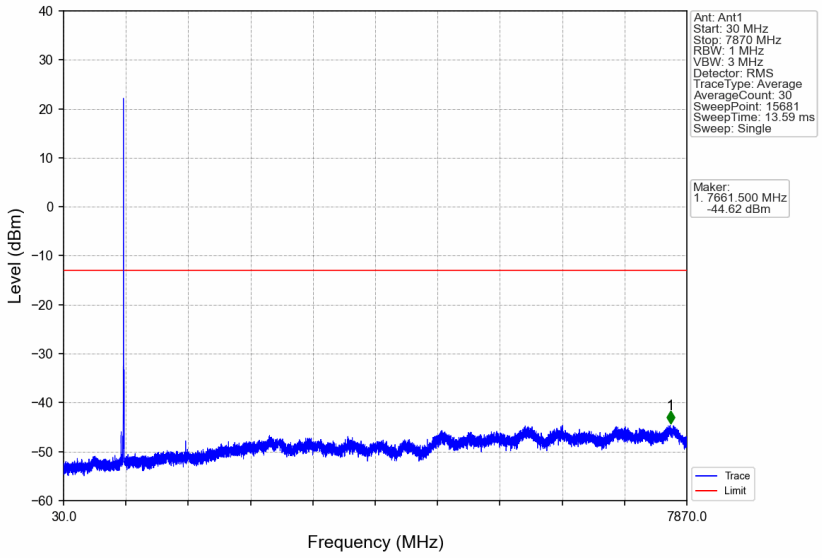


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	759.242	-62.97	-13	Pass
763	775	0.00625	/	2	774.969	-47.09	-35	Pass
775	776.9	0.1	CHP	3	776.850	-29.30	-13	Pass
776.9	777	0.03	/	4	776.988	-39.37	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

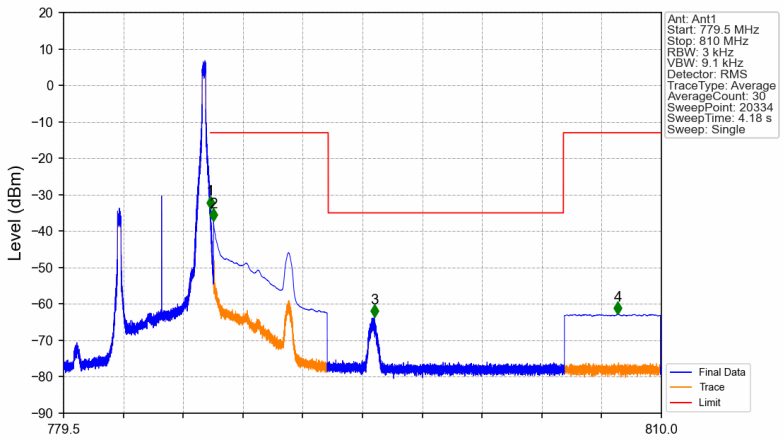
Band13_5MHz_64QAM_MCH_782MHz_RB_1_0_NTNV



Band13_5MHz_64QAM_HCH_784.5MHz_RB_1_0_NTNV

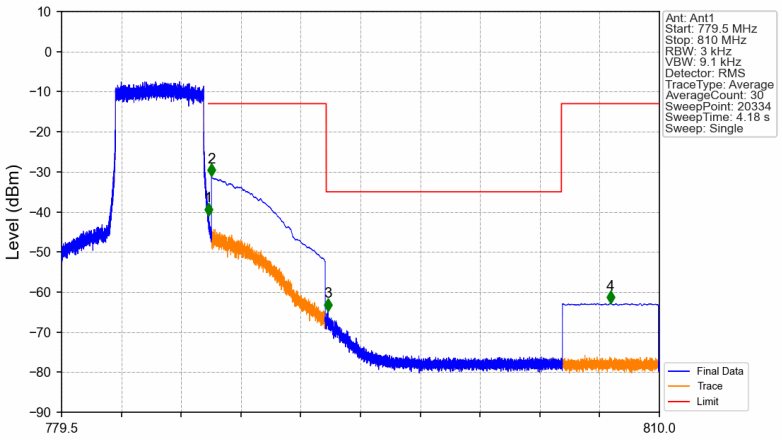


Band13_5MHz_64QAM_HCH_784.5MHz_RB_1_24_NTNV



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	-33.85	-13	Pass
787.1	793	0.1	CHP	2	787.150	-37.32	-13	Pass
793	805	0.00625	/	3	795.354	-63.67	-35	Pass
805	810	0.1	CHP	4	807.778	-62.85	-13	Pass

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	787.000	-40.89	-13	Pass
787.1	793	0.1	CHP	2	787.150	-31.15	-13	Pass
793	805	0.00625	/	3	793.087	-64.72	-35	Pass
805	810	0.1	CHP	4	807.513	-62.84	-13	Pass

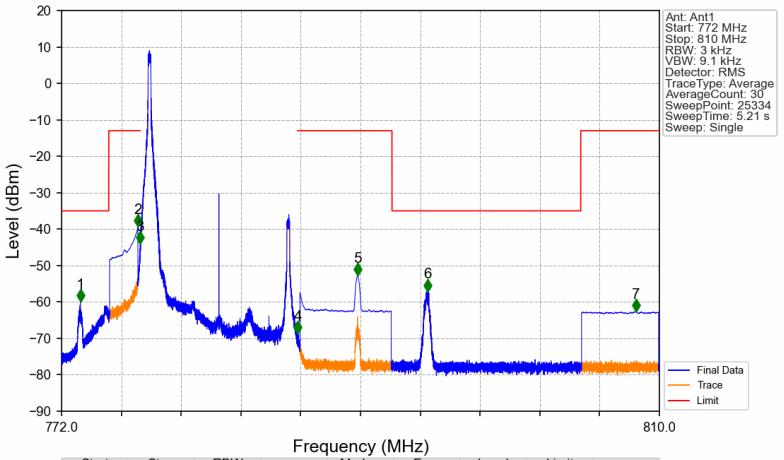
6.2 B13_10MHz

6.2.1 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
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	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
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

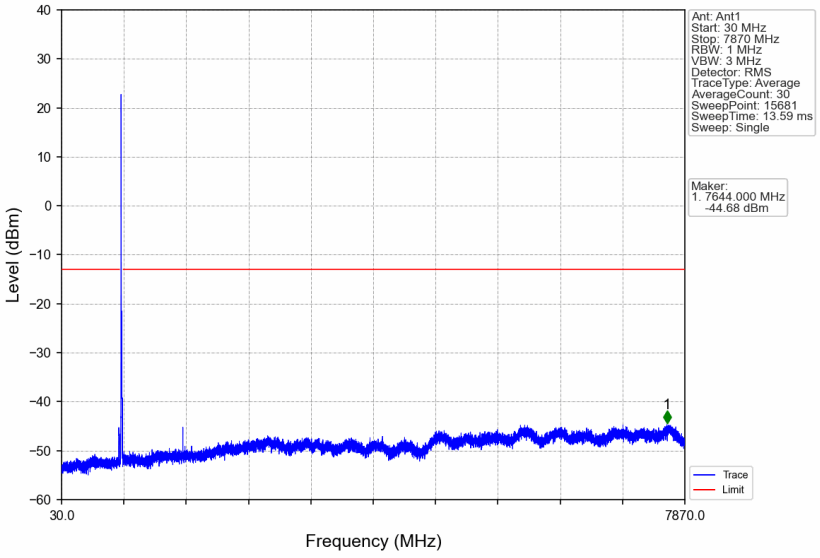
6.2.2 Test Graph

Band13_10MHz_QPSK_MCH_782MHz_RB_1_0_NTNV

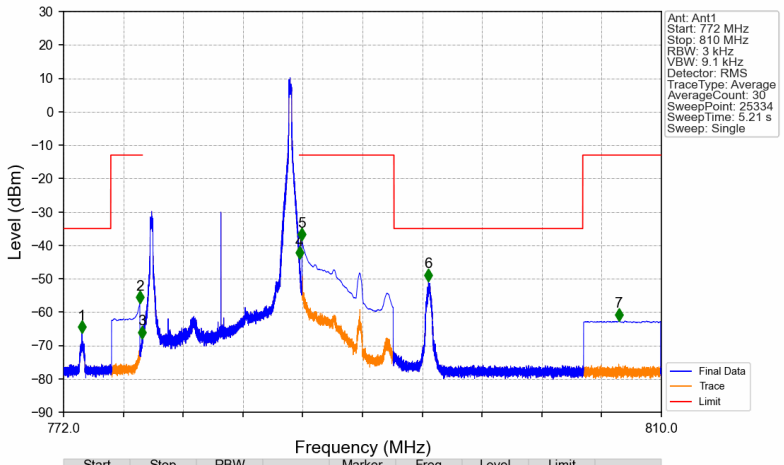


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	773.193	-59.91	-35	Pass
775	776.9	0.1	CHP	2	776.850	-39.37	-13	Pass
776.9	777	0.03	/	3	777.000	-44.08	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.017	-68.73	-13	Pass
787.1	793	0.1	CHP	5	790.833	-52.79	-13	Pass
793	805	0.00625	/	6	795.267	-57.12	-35	Pass
805	810	0.1	CHP	7	808.513	-62.64	-13	Pass

Band13_10MHz_QPSK_MCH_782MHz_RB_1_0_NTNV

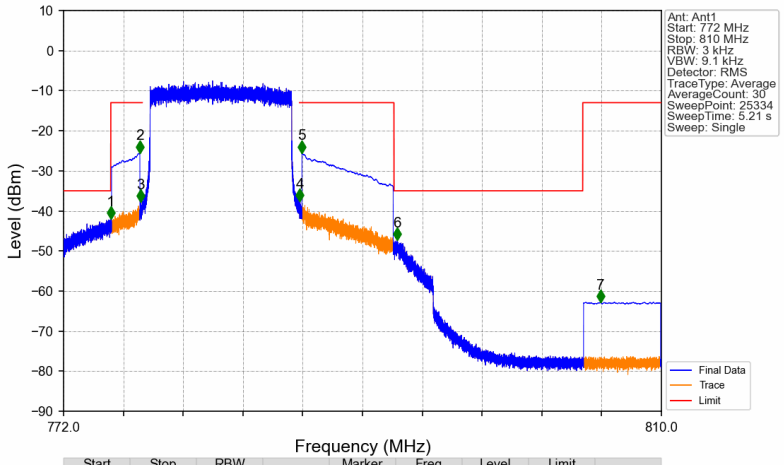


Band13_10MHz_QPSK_MCH_782MHz_RB_1_49_NTNV



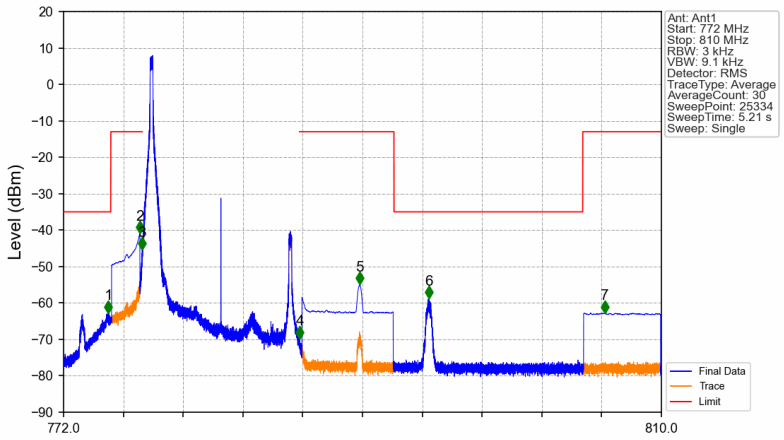
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	773.164	-66.30	-35	Pass
775	776.9	0.1	CHP	2	776.850	-57.37	-13	Pass
776.9	777	0.03	/	3	776.988	-67.90	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.002	-44.16	-13	Pass
787.1	793	0.1	CHP	5	787.150	-38.67	-13	Pass
793	805	0.00625	/	6	795.195	-50.77	-35	Pass
805	810	0.1	CHP	7	807.291	-62.61	-13	Pass

Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



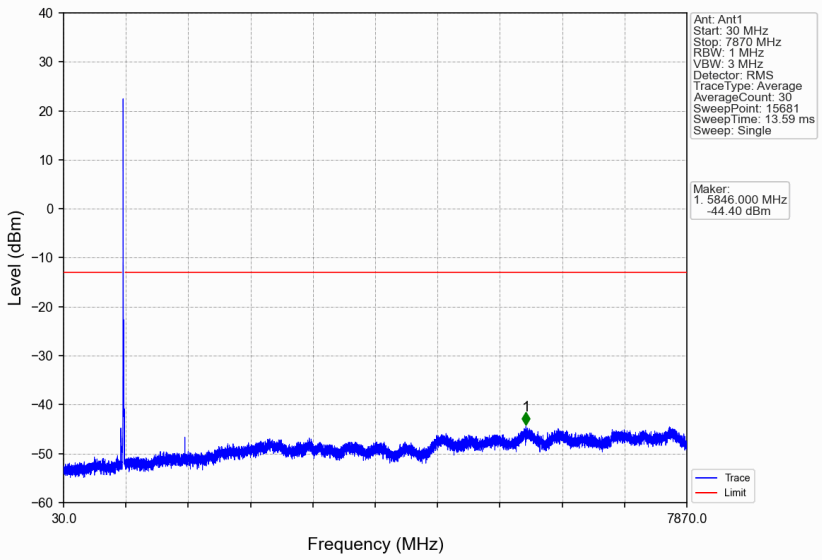
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	774.990	-41.99	-35	Pass
775	776.9	0.1	CHP	2	776.845	-25.56	-13	Pass
776.9	777	0.03	/	3	776.910	-37.86	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.017	-37.65	-13	Pass
787.1	793	0.1	CHP	5	787.150	-25.56	-13	Pass
793	805	0.00625	/	6	793.197	-47.34	-35	Pass
805	810	0.1	CHP	7	806.122	-62.80	-13	Pass

Band13_10MHz_16QAM_MCH_782MHz_RB_1_0_NTNV

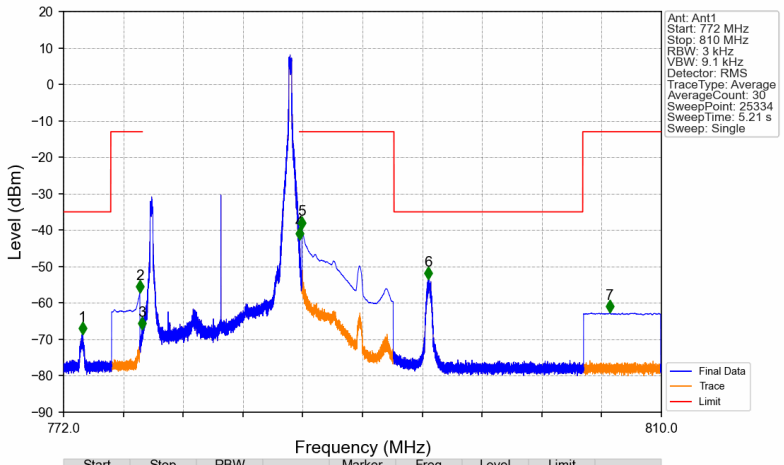


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	774.840	-62.76	-35	Pass
775	776.9	0.1	CHP	2	776.850	-40.93	-13	Pass
776.9	777	0.03	/	3	776.998	-45.35	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.020	-69.75	-13	Pass
787.1	793	0.1	CHP	5	790.833	-54.88	-13	Pass
793	805	0.00625	/	6	795.207	-58.85	-35	Pass
805	810	0.1	CHP	7	806.415	-62.74	-13	Pass

Band13_10MHz_16QAM_MCH_782MHz_RB_1_0_NTNV

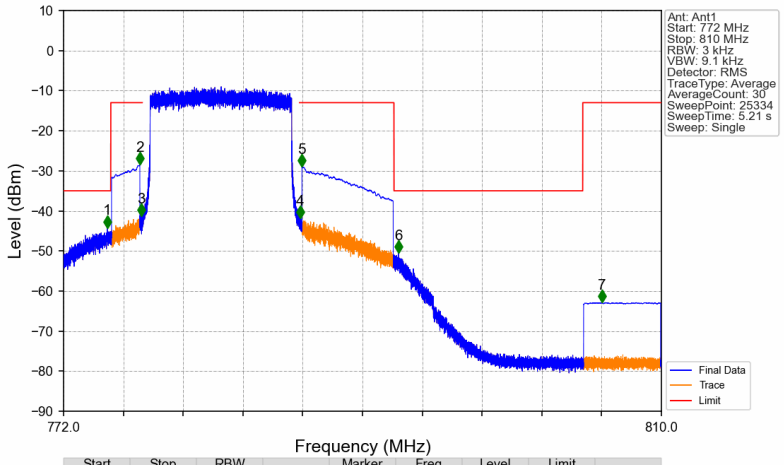


Band13_10MHz_16QAM_MCH_782MHz_RB_1_49_NTNV



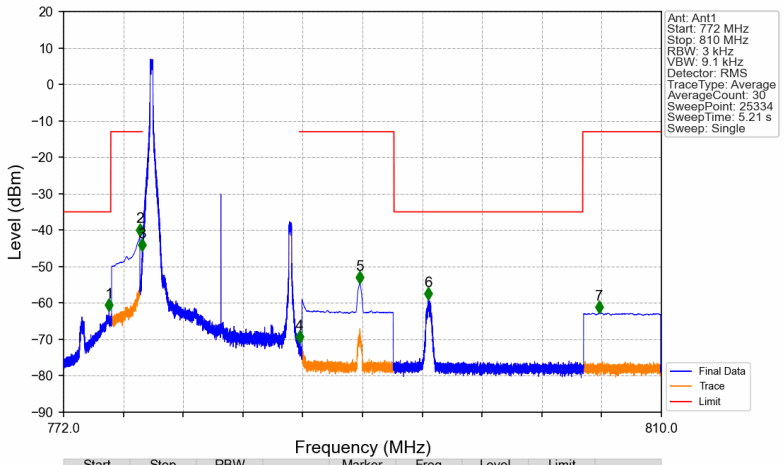
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	773.208	-68.68	-35	Pass
775	776.9	0.1	CHP	2	776.850	-57.16	-13	Pass
776.9	777	0.03	/	3	776.988	-67.32	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.002	-42.59	-13	Pass
787.1	793	0.1	CHP	5	787.150	-39.66	-13	Pass
793	805	0.00625	/	6	795.192	-53.56	-35	Pass
805	810	0.1	CHP	7	806.700	-62.72	-13	Pass

Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV



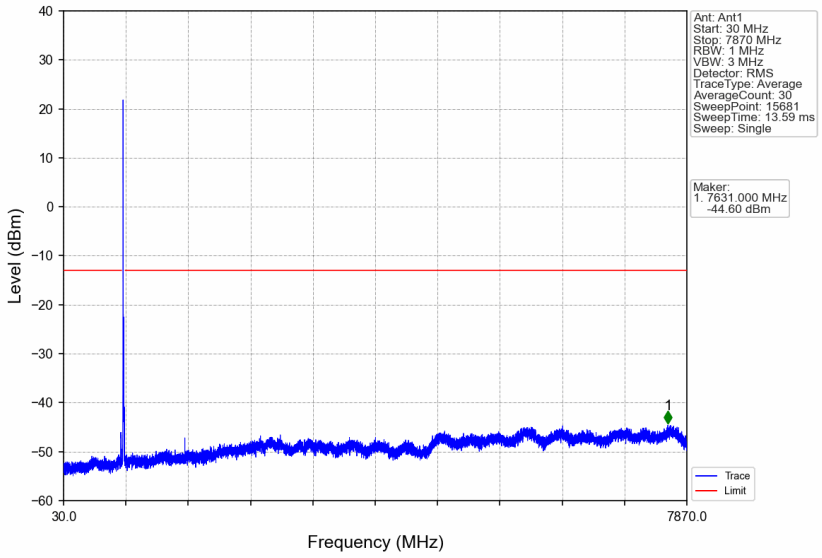
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	774.778	-44.23	-35	Pass
775	776.9	0.1	CHP	2	776.845	-28.47	-13	Pass
776.9	777	0.03	/	3	776.937	-41.39	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.029	-41.92	-13	Pass
787.1	793	0.1	CHP	5	787.150	-28.92	-13	Pass
793	805	0.00625	/	6	793.285	-50.44	-35	Pass
805	810	0.1	CHP	7	806.238	-62.89	-13	Pass

Band13_10MHz_64QAM_MCH_782MHz_RB_1_0_NTNV

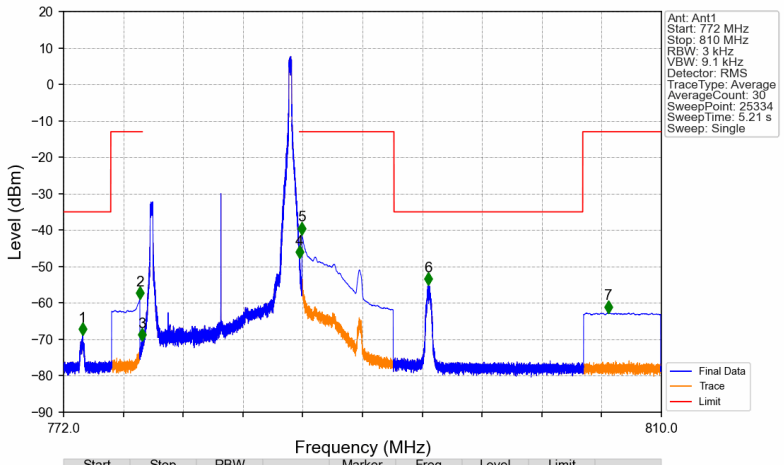


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	774.891	-62.22	-35	Pass
775	776.9	0.1	CHP	2	776.850	-41.61	-13	Pass
776.9	777	0.03	/	3	777.000	-45.86	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.000	-70.98	-13	Pass
787.1	793	0.1	CHP	5	790.822	-54.74	-13	Pass
793	805	0.00625	/	6	795.193	-59.11	-35	Pass
805	810	0.1	CHP	7	806.050	-62.82	-13	Pass

Band13_10MHz_64QAM_MCH_782MHz_RB_1_0_NTNV

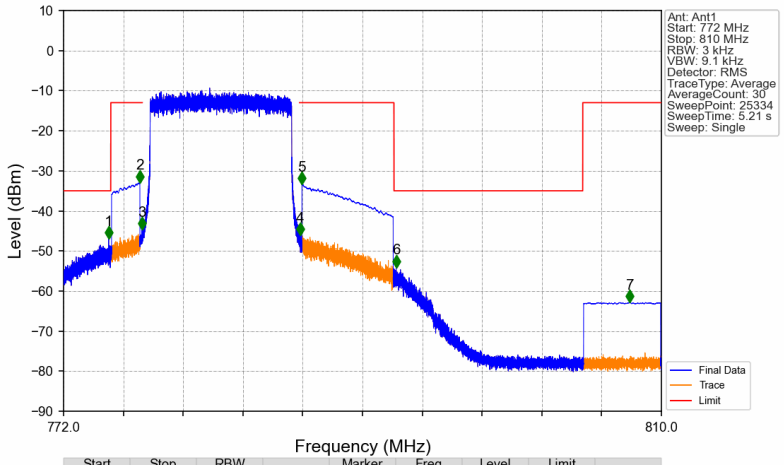


Band13_10MHz_64QAM_MCH_782MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	773.215	-68.84	-35	Pass
775	776.9	0.1	CHP	2	776.850	-58.97	-13	Pass
776.9	777	0.03	/	3	776.973	-70.35	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.000	-47.68	-13	Pass
787.1	793	0.1	CHP	5	787.150	-41.23	-13	Pass
793	805	0.00625	/	6	795.190	-55.14	-35	Pass
805	810	0.1	CHP	7	806.610	-62.74	-13	Pass

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	774.865	-46.97	-35	Pass
775	776.9	0.1	CHP	2	776.850	-32.95	-13	Pass
776.9	777	0.03	/	3	776.982	-44.70	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.032	-46.06	-13	Pass
787.1	793	0.1	CHP	5	787.150	-33.36	-13	Pass
793	805	0.00625	/	6	793.137	-54.11	-35	Pass
805	810	0.1	CHP	7	807.993	-62.82	-13	Pass