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	23.49	0.33	21.67	<=34.77	Pass
			13	23.26	0.33	21.44	<=34.77	Pass
			24	23.17	0.33	21.35	<=34.77	Pass
		12	0	22.25	0.33	20.43	<=34.77	Pass
			6	22.35	0.33	20.53	<=34.77	Pass
			13	22.28	0.33	20.46	<=34.77	Pass
		25	0	22.19	0.33	20.37	<=34.77	Pass
	782	1	0	23.44	0.33	21.62	<=34.77	Pass
			13	23.12	0.33	21.30	<=34.77	Pass
			24	22.76	0.33	20.94	<=34.77	Pass
		12	0	22.27	0.33	20.45	<=34.77	Pass
			6	22.17	0.33	20.35	<=34.77	Pass
			13	22.08	0.33	20.26	<=34.77	Pass
		25	0	22.07	0.33	20.25	<=34.77	Pass
	784.5	1	0	23.27	0.33	21.45	<=34.77	Pass
			13	23.24	0.33	21.42	<=34.77	Pass
			24	22.94	0.33	21.12	<=34.77	Pass
		12	0	22.02	0.33	20.20	<=34.77	Pass
			6	22.20	0.33	20.38	<=34.77	Pass
			13	22.04	0.33	20.22	<=34.77	Pass
		25	0	22.08	0.33	20.26	<=34.77	Pass
16QAM	779.5	1	0	21.83	0.33	20.01	<=34.77	Pass
			13	22.02	0.33	20.20	<=34.77	Pass
			24	21.38	0.33	19.56	<=34.77	Pass
		12	0	21.21	0.33	19.39	<=34.77	Pass
			6	21.20	0.33	19.38	<=34.77	Pass
			13	21.01	0.33	19.19	<=34.77	Pass
		25	0	21.17	0.33	19.35	<=34.77	Pass
	782	1	0	22.68	0.33	20.86	<=34.77	Pass
			13	22.55	0.33	20.73	<=34.77	Pass
			24	22.55	0.33	20.73	<=34.77	Pass
		12	0	21.08	0.33	19.26	<=34.77	Pass
			6	21.04	0.33	19.22	<=34.77	Pass
			13	20.98	0.33	19.16	<=34.77	Pass
		25	0	21.06	0.33	19.24	<=34.77	Pass
	784.5	1	0	21.97	0.33	20.15	<=34.77	Pass
			13	22.34	0.33	20.52	<=34.77	Pass
			24	21.90	0.33	20.08	<=34.77	Pass
		12	0	20.96	0.33	19.14	<=34.77	Pass
			6	21.15	0.33	19.33	<=34.77	Pass
			13	21.15	0.33	19.33	<=34.77	Pass
		25	0	21.05	0.33	19.23	<=34.77	Pass
64QAM	779.5	1	0	20.79	0.33	18.97	<=34.77	Pass
			13	21.15	0.33	19.33	<=34.77	Pass
			24	20.73	0.33	18.91	<=34.77	Pass
		12	0	20.13	0.33	18.31	<=34.77	Pass
			6	20.20	0.33	18.38	<=34.77	Pass

			13	19.93	0.33	18.11	<=34.77	Pass
		25	0	20.13	0.33	18.31	<=34.77	Pass
	782	1	0	21.46	0.33	19.64	<=34.77	Pass
			13	21.37	0.33	19.55	<=34.77	Pass
			24	21.02	0.33	19.20	<=34.77	Pass
		12	0	20.47	0.33	18.65	<=34.77	Pass
			6	20.18	0.33	18.36	<=34.77	Pass
			13	20.08	0.33	18.26	<=34.77	Pass
		25	0	20.13	0.33	18.31	<=34.77	Pass
	784.5	1	0	20.58	0.33	18.76	<=34.77	Pass
			13	20.74	0.33	18.92	<=34.77	Pass
			24	20.43	0.33	18.61	<=34.77	Pass
		12	0	20.06	0.33	18.24	<=34.77	Pass
			6	20.26	0.33	18.44	<=34.77	Pass
			13	20.11	0.33	18.29	<=34.77	Pass
		25	0	20.03	0.33	18.21	<=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	23.27	0.33	21.45	<=34.77	Pass
			25	23.03	0.33	21.21	<=34.77	Pass
			49	22.87	0.33	21.05	<=34.77	Pass
		25	0	22.15	0.33	20.33	<=34.77	Pass
			13	22.06	0.33	20.24	<=34.77	Pass
			25	22.03	0.33	20.21	<=34.77	Pass
		50	0	22.09	0.33	20.27	<=34.77	Pass
16QAM	782	1	0	22.46	0.33	20.64	<=34.77	Pass
			25	22.55	0.33	20.73	<=34.77	Pass
			49	22.34	0.33	20.52	<=34.77	Pass
		25	0	21.18	0.33	19.36	<=34.77	Pass
			13	21.10	0.33	19.28	<=34.77	Pass
			25	21.07	0.33	19.25	<=34.77	Pass
		50	0	21.01	0.33	19.19	<=34.77	Pass
64QAM	782	1	0	21.70	0.33	19.88	<=34.77	Pass
			25	21.70	0.33	19.88	<=34.77	Pass
			49	21.60	0.33	19.78	<=34.77	Pass
		25	0	20.46	0.33	18.64	<=34.77	Pass
			13	20.31	0.33	18.49	<=34.77	Pass
			25	20.16	0.33	18.34	<=34.77	Pass
		50	0	20.14	0.33	18.32	<=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	-0.273	-0.0004	-2.5 to 2.5	Pass
					7.2	-0.527	-0.0007	-2.5 to 2.5	Pass
					8.28	0.780	0.0010	-2.5 to 2.5	Pass
				-30	7.2	-0.247	-0.0003	-2.5 to 2.5	Pass
				-20	7.2	-0.096	-0.0001	-2.5 to 2.5	Pass
				-10	7.2	-0.244	-0.0003	-2.5 to 2.5	Pass
				0	7.2	0.298	0.0004	-2.5 to 2.5	Pass
				10	7.2	0.240	0.0003	-2.5 to 2.5	Pass
				30	7.2	-0.066	-0.0001	-2.5 to 2.5	Pass
				40	7.2	0.049	0.0001	-2.5 to 2.5	Pass
				50	7.2	-0.882	-0.0011	-2.5 to 2.5	Pass
	782	25	0	20	6.12	-0.064	-0.0001	-2.5 to 2.5	Pass
					7.2	0.418	0.0005	-2.5 to 2.5	Pass
					8.28	-0.447	-0.0006	-2.5 to 2.5	Pass
				-30	7.2	0.230	0.0003	-2.5 to 2.5	Pass
				-20	7.2	0.500	0.0006	-2.5 to 2.5	Pass
				-10	7.2	-0.111	-0.0001	-2.5 to 2.5	Pass
				0	7.2	-0.032	0.0000	-2.5 to 2.5	Pass
				10	7.2	0.292	0.0004	-2.5 to 2.5	Pass
				30	7.2	-0.082	-0.0001	-2.5 to 2.5	Pass
				40	7.2	0.610	0.0008	-2.5 to 2.5	Pass
				50	7.2	0.497	0.0006	-2.5 to 2.5	Pass
	784.5	25	0	20	6.12	0.827	0.0011	-2.5 to 2.5	Pass
					7.2	0.652	0.0008	-2.5 to 2.5	Pass
					8.28	0.621	0.0008	-2.5 to 2.5	Pass
				-30	7.2	1.032	0.0013	-2.5 to 2.5	Pass
				-20	7.2	0.786	0.0010	-2.5 to 2.5	Pass
				-10	7.2	1.145	0.0015	-2.5 to 2.5	Pass
				0	7.2	0.285	0.0004	-2.5 to 2.5	Pass
				10	7.2	1.036	0.0013	-2.5 to 2.5	Pass
				30	7.2	0.255	0.0003	-2.5 to 2.5	Pass
				40	7.2	0.712	0.0009	-2.5 to 2.5	Pass
				50	7.2	0.827	0.0011	-2.5 to 2.5	Pass
16QAM	779.5	25	0	20	6.12	0.354	0.0005	-2.5 to 2.5	Pass
					7.2	0.028	0.0000	-2.5 to 2.5	Pass
					8.28	0.315	0.0004	-2.5 to 2.5	Pass
				-30	7.2	0.185	0.0002	-2.5 to 2.5	Pass
				-20	7.2	0.418	0.0005	-2.5 to 2.5	Pass
				-10	7.2	-0.031	0.0000	-2.5 to 2.5	Pass
				0	7.2	0.225	0.0003	-2.5 to 2.5	Pass
				10	7.2	0.113	0.0001	-2.5 to 2.5	Pass
				30	7.2	0.707	0.0009	-2.5 to 2.5	Pass
				40	7.2	0.545	0.0007	-2.5 to 2.5	Pass
				50	7.2	-0.300	-0.0004	-2.5 to 2.5	Pass
	782	25	0	20	6.12	0.642	0.0008	-2.5 to 2.5	Pass
					7.2	0.479	0.0006	-2.5 to 2.5	Pass
					8.28	1.004	0.0013	-2.5 to 2.5	Pass
				-30	7.2	0.955	0.0012	-2.5 to 2.5	Pass
				-20	7.2	0.940	0.0012	-2.5 to 2.5	Pass
				-10	7.2	0.774	0.0010	-2.5 to 2.5	Pass
				0	7.2	1.498	0.0019	-2.5 to 2.5	Pass
				10	7.2	0.220	0.0003	-2.5 to 2.5	Pass
				30	7.2	0.468	0.0006	-2.5 to 2.5	Pass
				40	7.2	1.442	0.0018	-2.5 to 2.5	Pass
				50	7.2	1.042	0.0013	-2.5 to 2.5	Pass

	784.5	25	0	20	6.12	1.462	0.0019	-2.5 to 2.5	Pass
					7.2	1.553	0.0020	-2.5 to 2.5	Pass
					8.28	1.029	0.0013	-2.5 to 2.5	Pass
				-30	7.2	0.303	0.0004	-2.5 to 2.5	Pass
				-20	7.2	1.418	0.0018	-2.5 to 2.5	Pass
				-10	7.2	1.240	0.0016	-2.5 to 2.5	Pass
				0	7.2	0.831	0.0011	-2.5 to 2.5	Pass
				10	7.2	0.021	0.0000	-2.5 to 2.5	Pass
				30	7.2	0.285	0.0004	-2.5 to 2.5	Pass
				40	7.2	1.524	0.0019	-2.5 to 2.5	Pass
				50	7.2	0.683	0.0009	-2.5 to 2.5	Pass
64QAM	779.5	25	0	20	6.12	-0.438	-0.0006	-2.5 to 2.5	Pass
					7.2	-0.259	-0.0003	-2.5 to 2.5	Pass
					8.28	0.146	0.0002	-2.5 to 2.5	Pass
				-30	7.2	0.772	0.0010	-2.5 to 2.5	Pass
				-20	7.2	0.606	0.0008	-2.5 to 2.5	Pass
				-10	7.2	0.173	0.0002	-2.5 to 2.5	Pass
				0	7.2	0.367	0.0005	-2.5 to 2.5	Pass
				10	7.2	0.611	0.0008	-2.5 to 2.5	Pass
				30	7.2	1.555	0.0020	-2.5 to 2.5	Pass
				40	7.2	0.813	0.0010	-2.5 to 2.5	Pass
				50	7.2	2.021	0.0026	-2.5 to 2.5	Pass
	782	25	0	20	6.12	0.072	0.0001	-2.5 to 2.5	Pass
					7.2	0.042	0.0001	-2.5 to 2.5	Pass
					8.28	0.765	0.0010	-2.5 to 2.5	Pass
				-30	7.2	0.749	0.0010	-2.5 to 2.5	Pass
				-20	7.2	1.333	0.0017	-2.5 to 2.5	Pass
				-10	7.2	1.491	0.0019	-2.5 to 2.5	Pass
				0	7.2	0.361	0.0005	-2.5 to 2.5	Pass
				10	7.2	1.177	0.0015	-2.5 to 2.5	Pass
				30	7.2	1.893	0.0024	-2.5 to 2.5	Pass
				40	7.2	1.818	0.0023	-2.5 to 2.5	Pass
				50	7.2	2.173	0.0028	-2.5 to 2.5	Pass
	784.5	25	0	20	6.12	1.253	0.0016	-2.5 to 2.5	Pass
					7.2	2.020	0.0026	-2.5 to 2.5	Pass
					8.28	0.935	0.0012	-2.5 to 2.5	Pass
				-30	7.2	2.206	0.0028	-2.5 to 2.5	Pass
				-20	7.2	1.685	0.0021	-2.5 to 2.5	Pass
				-10	7.2	2.023	0.0026	-2.5 to 2.5	Pass
				0	7.2	1.943	0.0025	-2.5 to 2.5	Pass
				10	7.2	2.938	0.0037	-2.5 to 2.5	Pass
				30	7.2	2.343	0.0030	-2.5 to 2.5	Pass
				40	7.2	2.763	0.0035	-2.5 to 2.5	Pass
				50	7.2	2.017	0.0026	-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 (VAC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	782	50	0	20	102	-0.043	-0.0001	-2.5 to 2.5	Pass
					120	0.733	0.0009	-2.5 to 2.5	Pass
					138	1.024	0.0013	-2.5 to 2.5	Pass

				-30	120	0.968	0.0012	-2.5 to 2.5	Pass
				-20	120	1.011	0.0013	-2.5 to 2.5	Pass
				-10	120	0.753	0.0010	-2.5 to 2.5	Pass
				0	120	0.198	0.0003	-2.5 to 2.5	Pass
				10	120	0.989	0.0013	-2.5 to 2.5	Pass
				30	120	0.436	0.0006	-2.5 to 2.5	Pass
				40	120	0.097	0.0001	-2.5 to 2.5	Pass
				50	120	0.595	0.0008	-2.5 to 2.5	Pass
16QAM	782	50	0	20	102	0.255	0.0003	-2.5 to 2.5	Pass
					120	-0.446	-0.0006	-2.5 to 2.5	Pass
					138	-0.065	-0.0001	-2.5 to 2.5	Pass
				-30	120	0.281	0.0004	-2.5 to 2.5	Pass
				-20	120	0.240	0.0003	-2.5 to 2.5	Pass
				-10	120	-0.315	-0.0004	-2.5 to 2.5	Pass
				0	120	0.353	0.0005	-2.5 to 2.5	Pass
				10	120	0.995	0.0013	-2.5 to 2.5	Pass
				30	120	-0.099	-0.0001	-2.5 to 2.5	Pass
				40	120	-0.075	-0.0001	-2.5 to 2.5	Pass
				50	120	0.040	0.0001	-2.5 to 2.5	Pass
64QAM	782	50	0	20	102	0.711	0.0009	-2.5 to 2.5	Pass
					120	0.159	0.0002	-2.5 to 2.5	Pass
					138	0.688	0.0009	-2.5 to 2.5	Pass
				-30	120	0.049	0.0001	-2.5 to 2.5	Pass
				-20	120	0.381	0.0005	-2.5 to 2.5	Pass
				-10	120	0.563	0.0007	-2.5 to 2.5	Pass
				0	120	-0.469	-0.0006	-2.5 to 2.5	Pass
				10	120	0.193	0.0002	-2.5 to 2.5	Pass
				30	120	0.149	0.0002	-2.5 to 2.5	Pass
				40	120	0.666	0.0009	-2.5 to 2.5	Pass
				50	120	-0.078	-0.0001	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

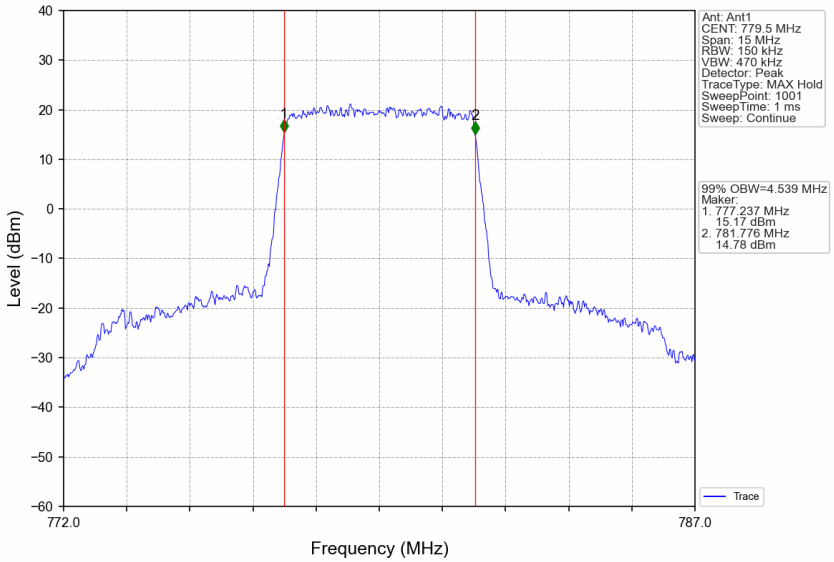
3.1 Band13_OBW

3.1.1 Test Result

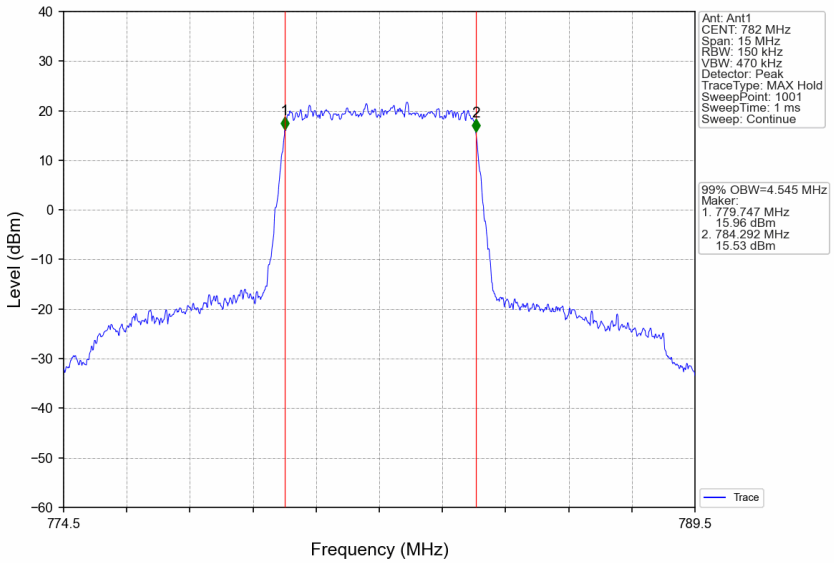
Band: 13 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	779.5	25	0	4.539	/	Pass
		782	25	0	4.545	/	Pass
		784.5	25	0	4.546	/	Pass
	16QAM	779.5	25	0	4.554	/	Pass
		782	25	0	4.543	/	Pass
		784.5	25	0	4.540	/	Pass
	64QAM	779.5	25	0	4.549	/	Pass
		782	25	0	4.540	/	Pass
		784.5	25	0	4.529	/	Pass
10	QPSK	782	50	0	9.043	/	Pass
	16QAM	782	50	0	9.017	/	Pass
	64QAM	782	50	0	9.020	/	Pass

3.1.2 Test Graph

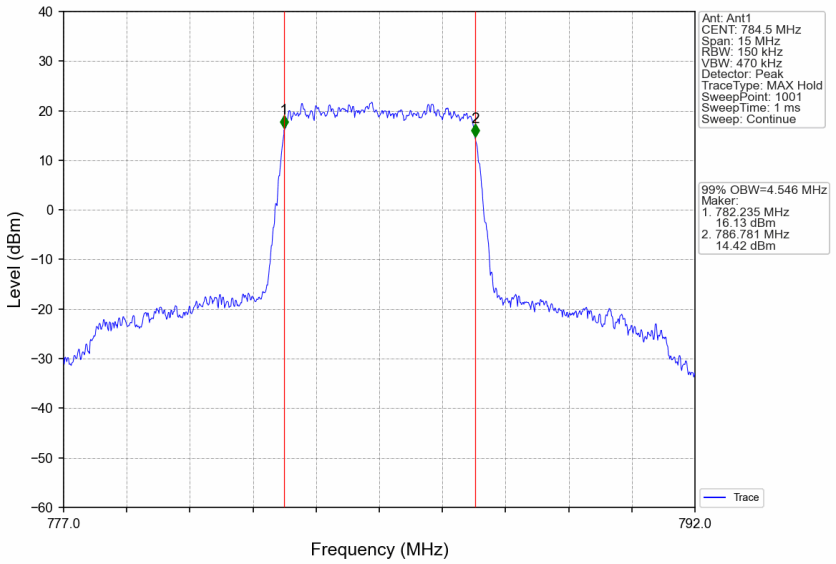
Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV



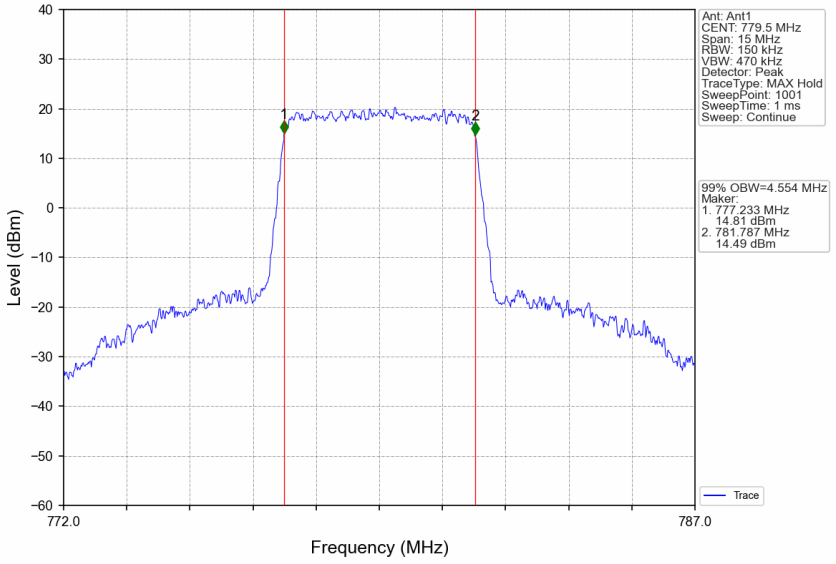
Band13_5MHz_QPSK_MCH_782MHz_RB_25_0_NTNV



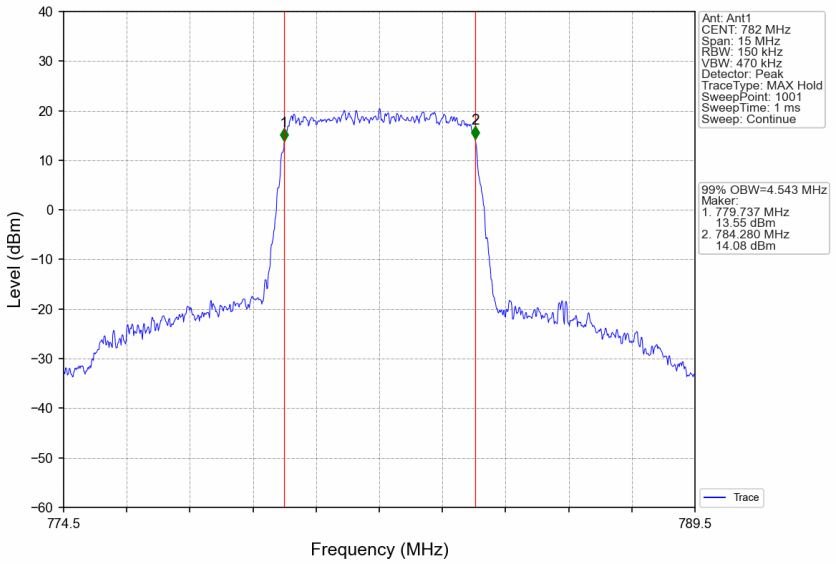
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



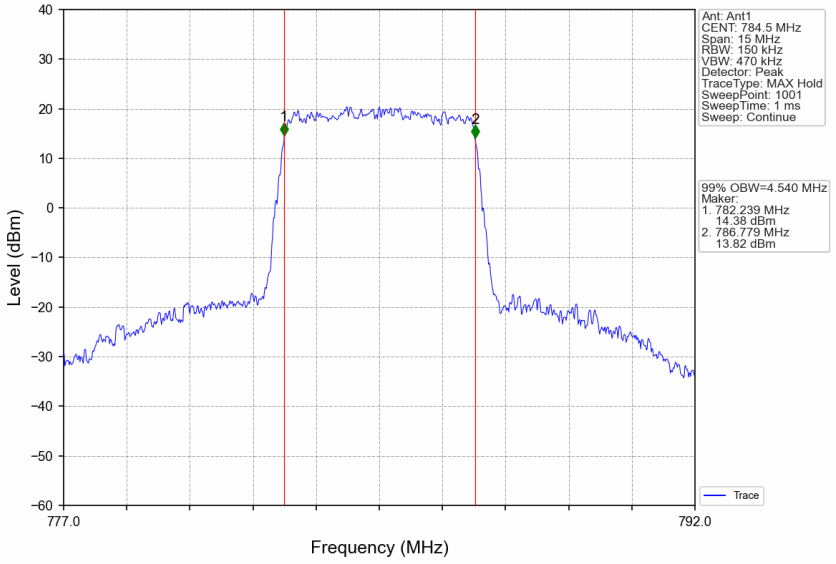
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



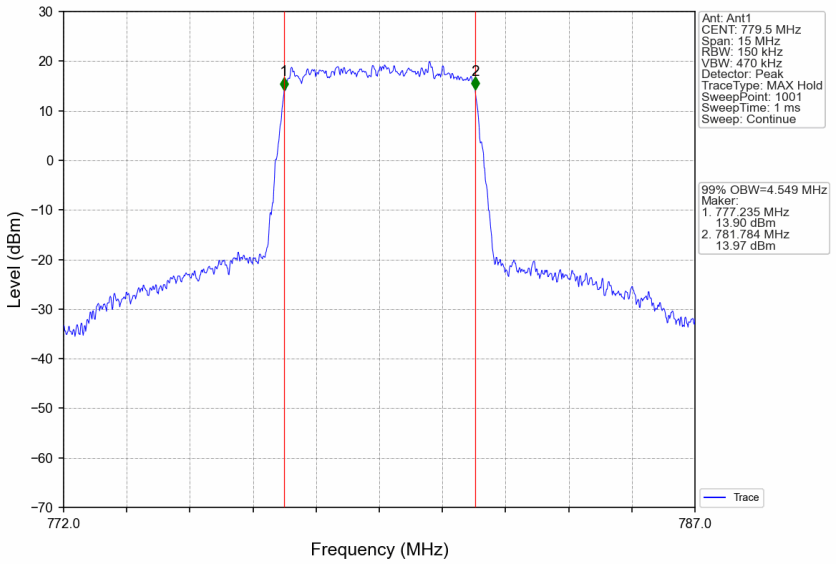
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



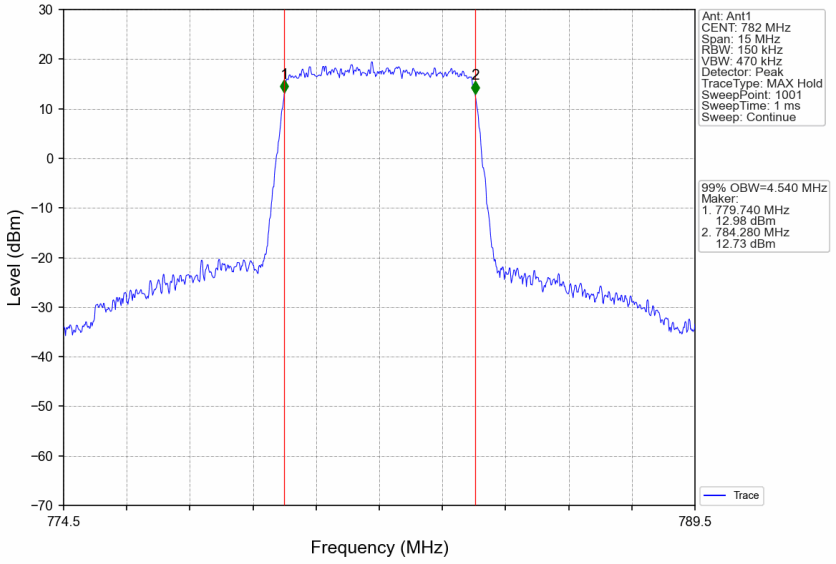
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



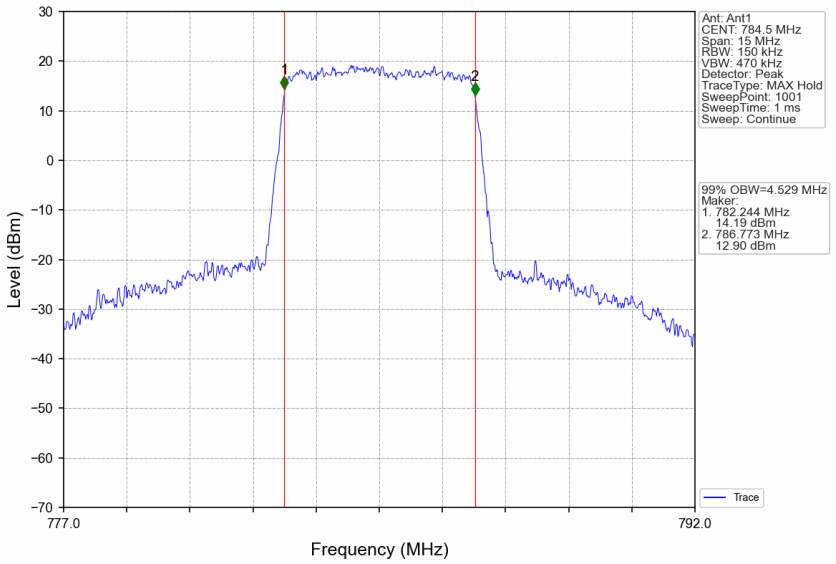
Band13_5MHz_64QAM_LCH_779.5MHz_RB_25_0_NTNV



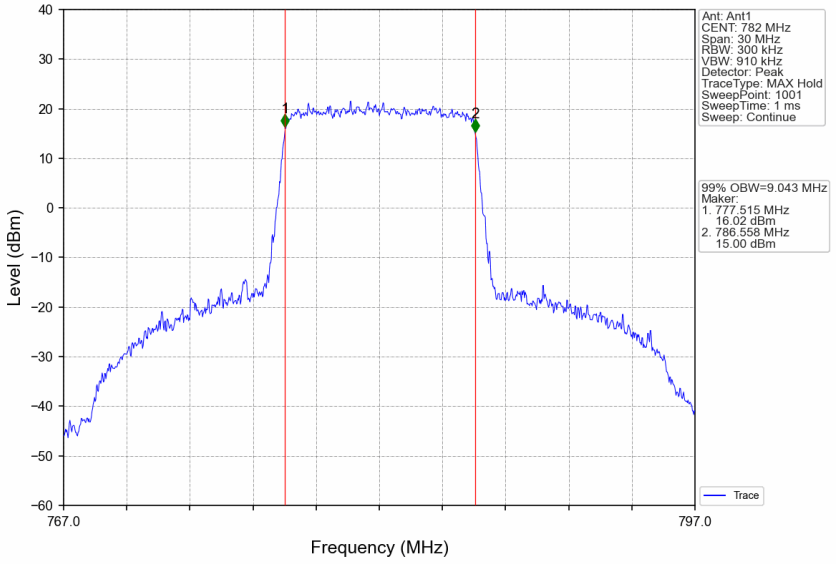
Band13_5MHz_64QAM_MCH_782MHz_RB_25_0_NTNV



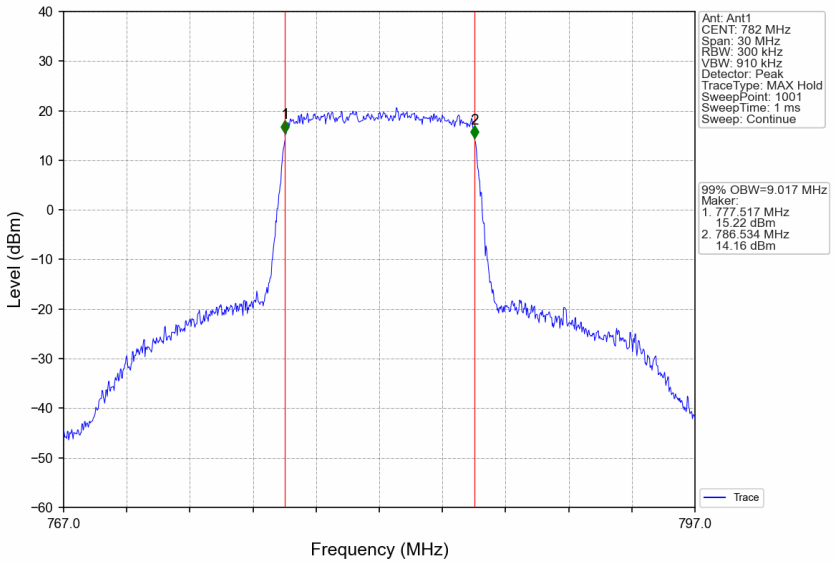
Band13_5MHz_64QAM_HCH_784.5MHz_RB_25_0_NTNV



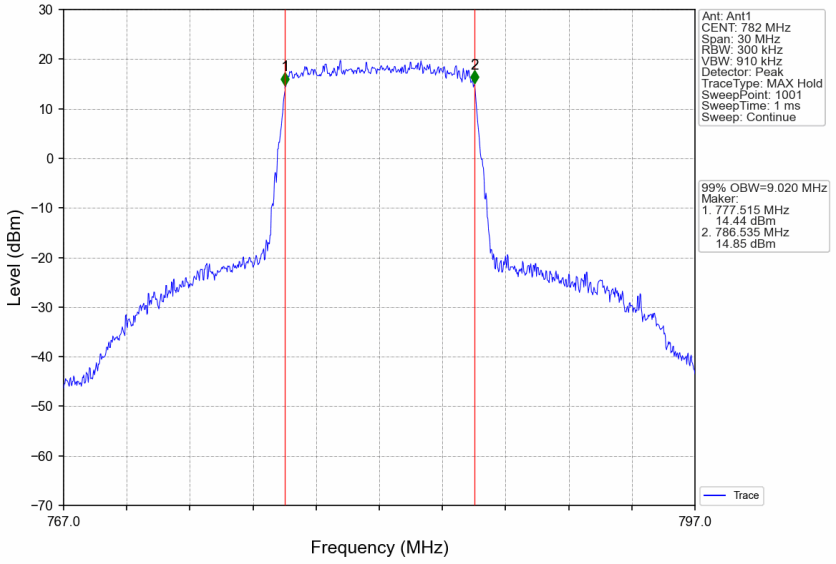
Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_64QAM_MCH_782MHz_RB_50_0_NTNV



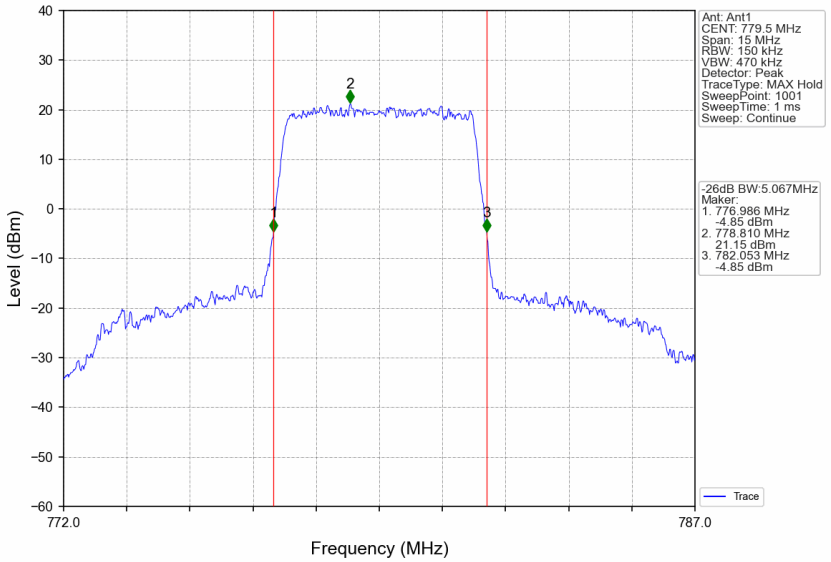
3.2 Band13_XDB

3.2.1 Test Result

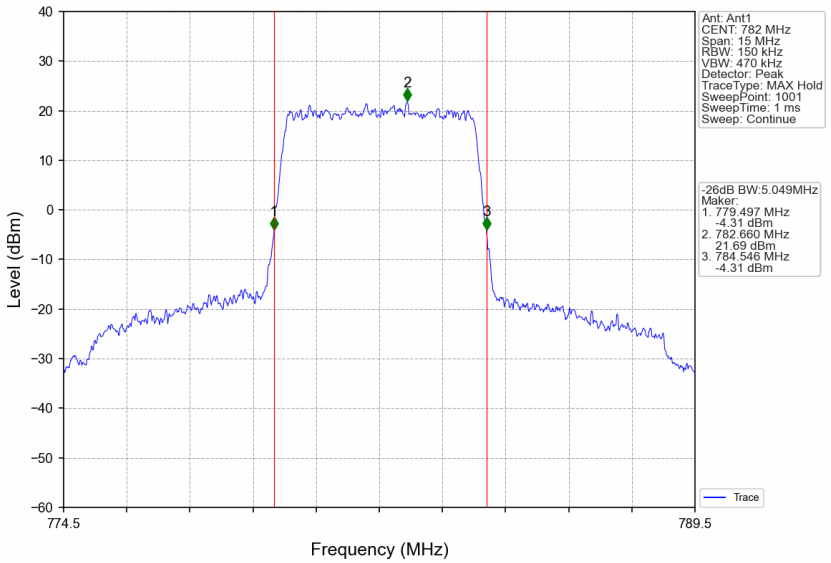
Band: 13 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	779.5	25	0	5.067	/	Pass
		782	25	0	5.049	/	Pass
		784.5	25	0	5.091	/	Pass
	16QAM	779.5	25	0	5.086	/	Pass
		782	25	0	5.085	/	Pass
		784.5	25	0	5.084	/	Pass
	64QAM	779.5	25	0	5.072	/	Pass
		782	25	0	5.075	/	Pass
		784.5	25	0	5.062	/	Pass
10	QPSK	782	50	0	10.032	/	Pass
	16QAM	782	50	0	9.961	/	Pass
	64QAM	782	50	0	9.999	/	Pass

3.2.2 Test Graph

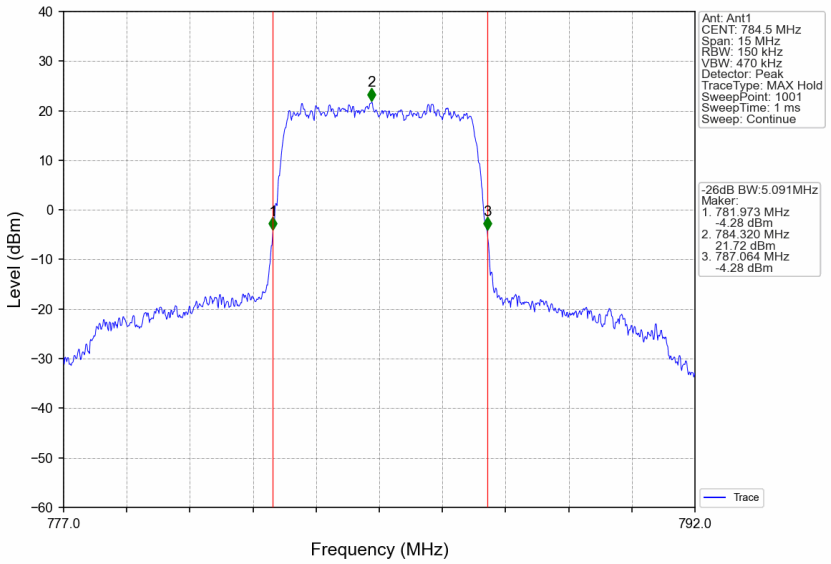
Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV



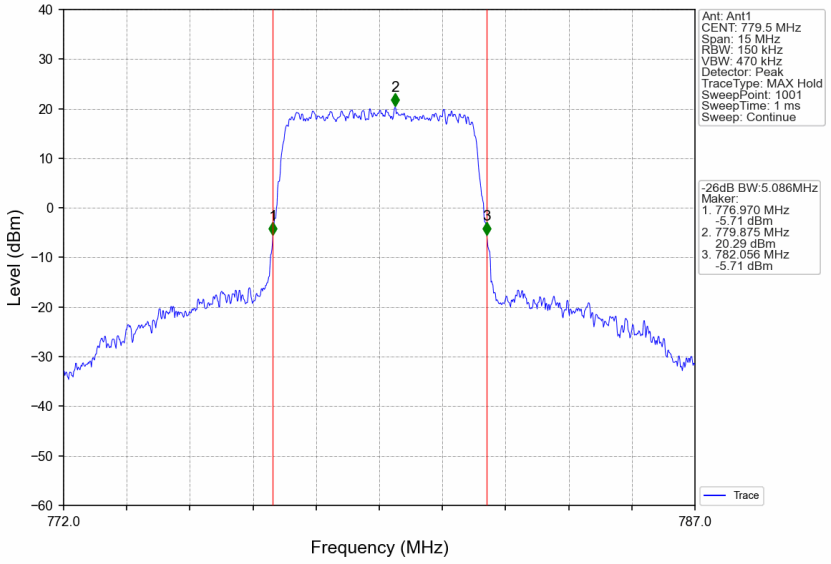
Band13_5MHz_QPSK_MCH_782MHz_RB_25_0_NTNV



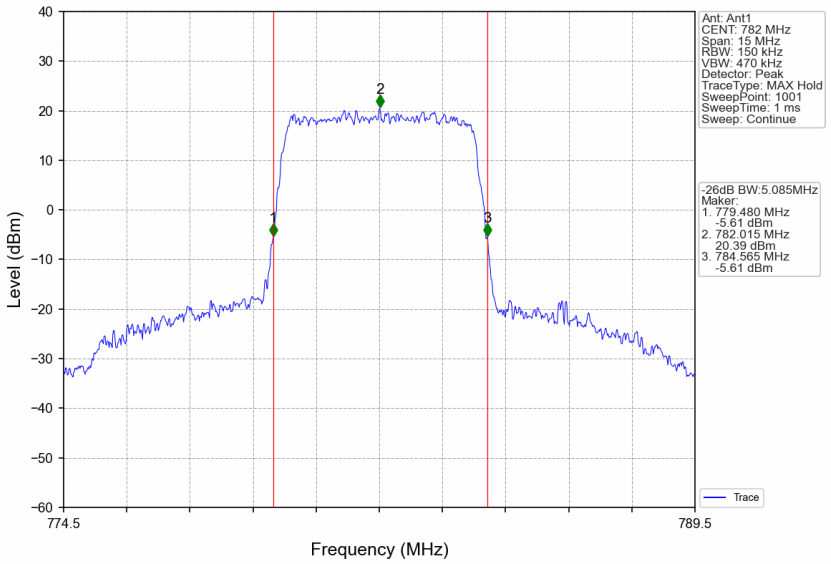
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



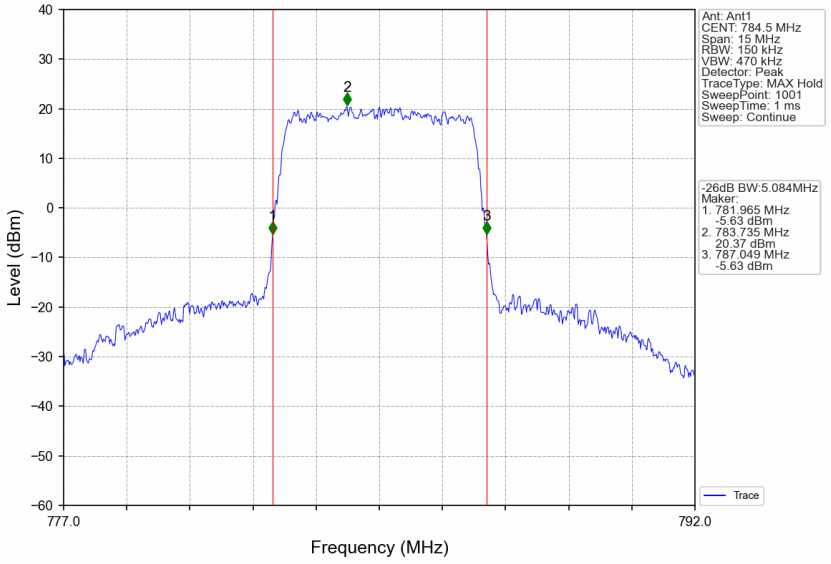
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



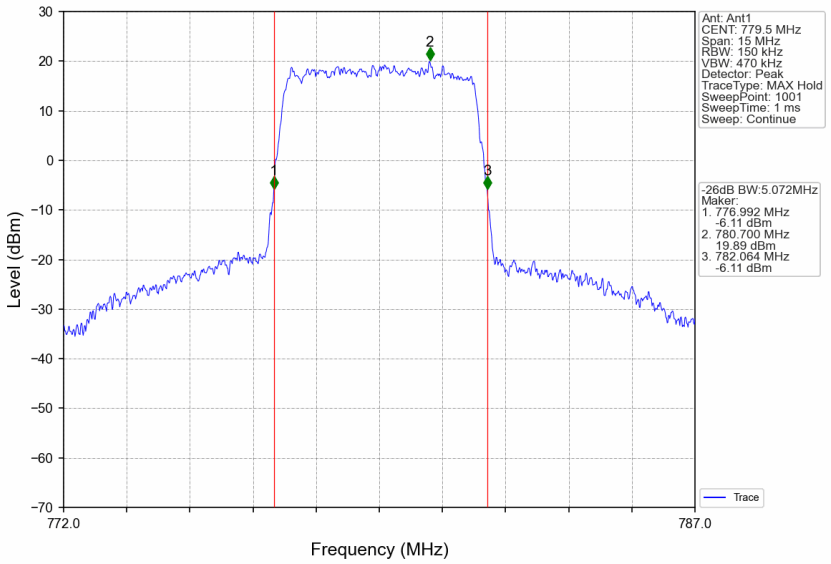
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



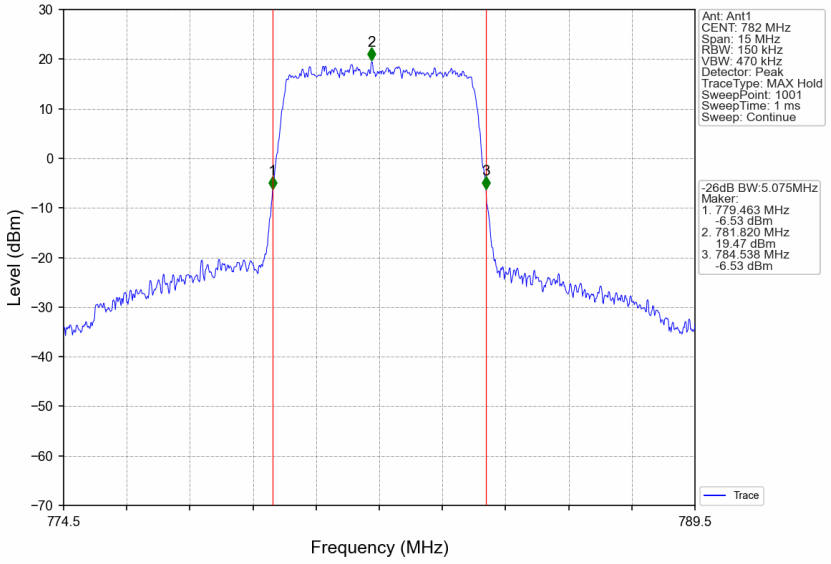
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



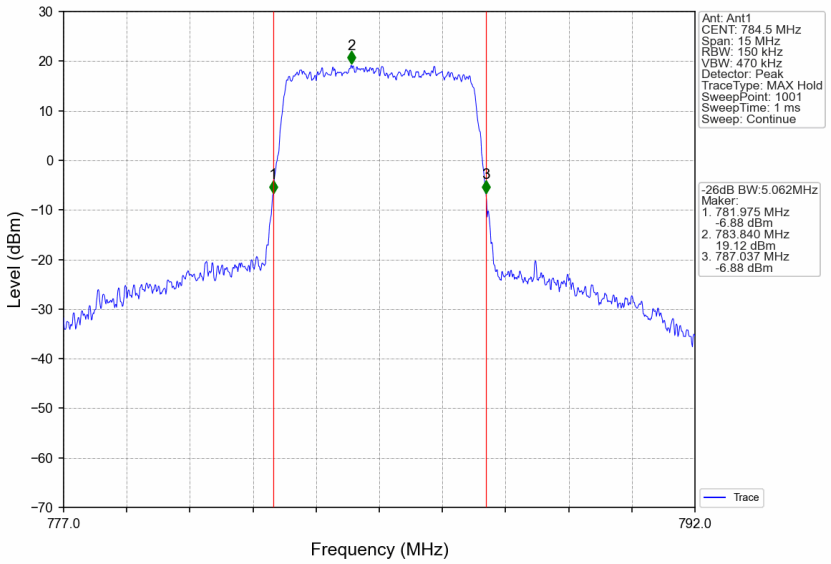
Band13_5MHz_64QAM_LCH_779.5MHz_RB_25_0_NTNV



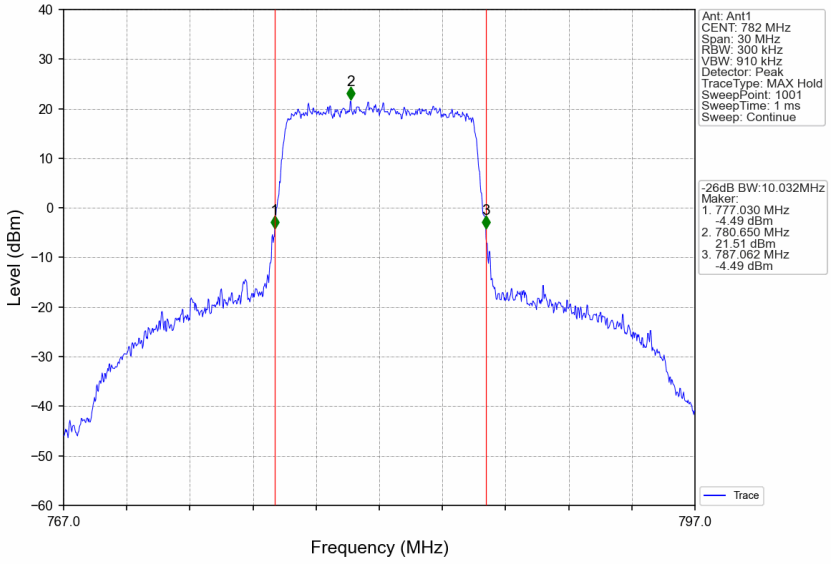
Band13_5MHz_64QAM_MCH_782MHz_RB_25_0_NTNV



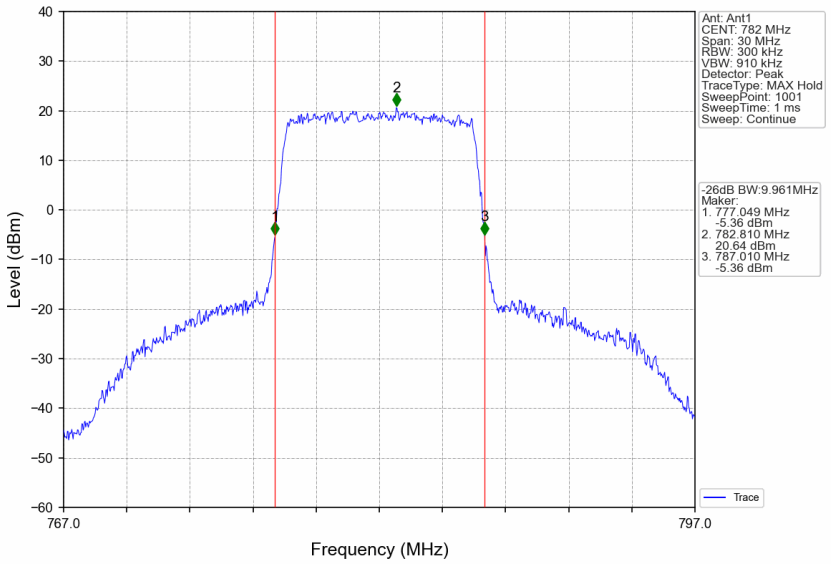
Band13_5MHz_64QAM_HCH_784.5MHz_RB_25_0_NTNV



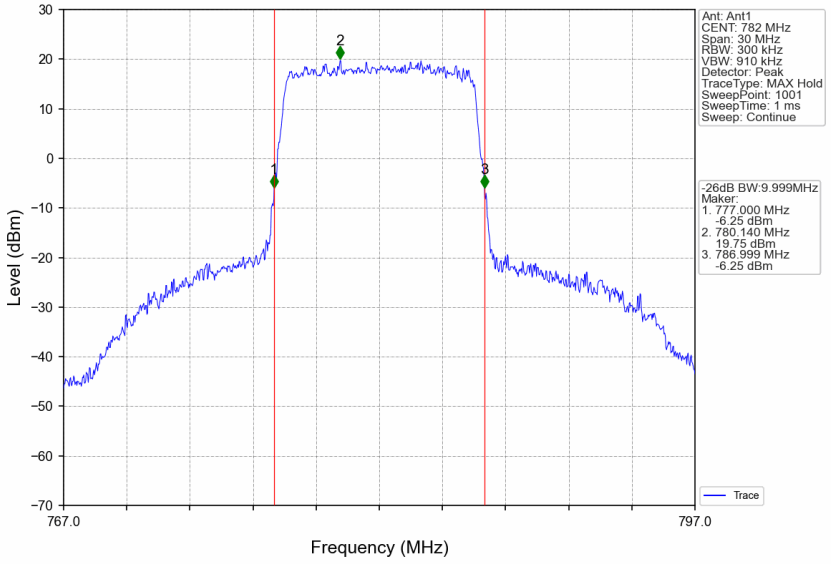
Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_64QAM_MCH_782MHz_RB_50_0_NTNV



4. Peak-Average Ratio

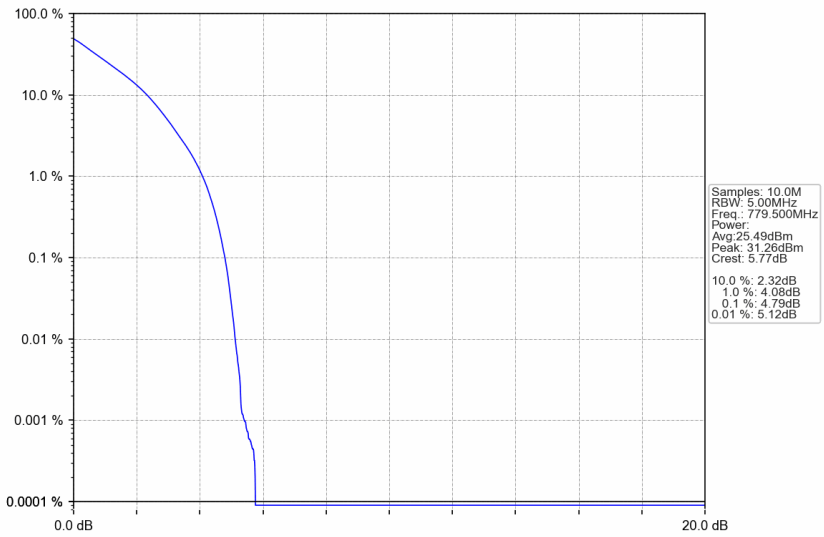
4.1 B13_5MHz

4.1.1 Test Result

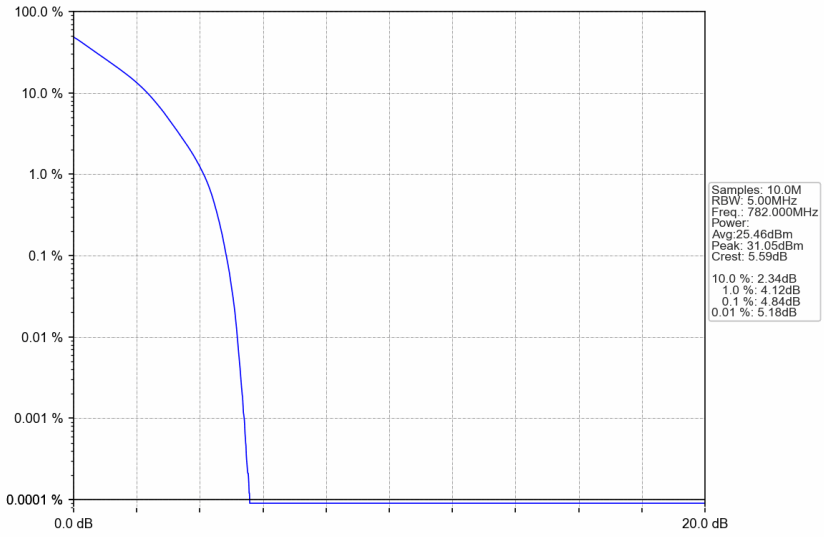
Band: 13 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	779.5	25	0	4.79	<=13	Pass
	782	25	0	4.84	<=13	Pass
	784.5	25	0	4.80	<=13	Pass
16QAM	779.5	25	0	5.66	<=13	Pass
	782	25	0	5.64	<=13	Pass
	784.5	25	0	5.65	<=13	Pass
64QAM	779.5	25	0	6.12	<=13	Pass
	782	25	0	6.24	<=13	Pass
	784.5	25	0	6.18	<=13	Pass

4.1.2 Test Graph

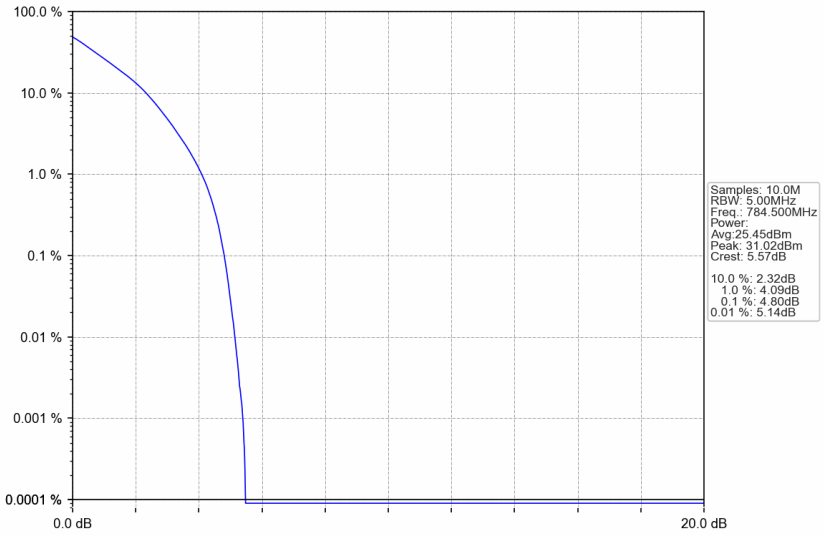
Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV



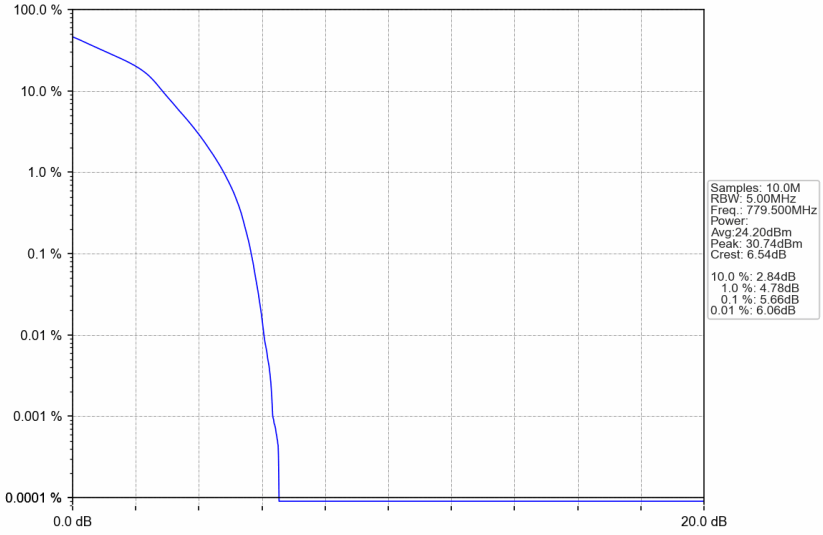
Band13_5MHz_QPSK_MCH_782MHz_RB_25_0_NTNV



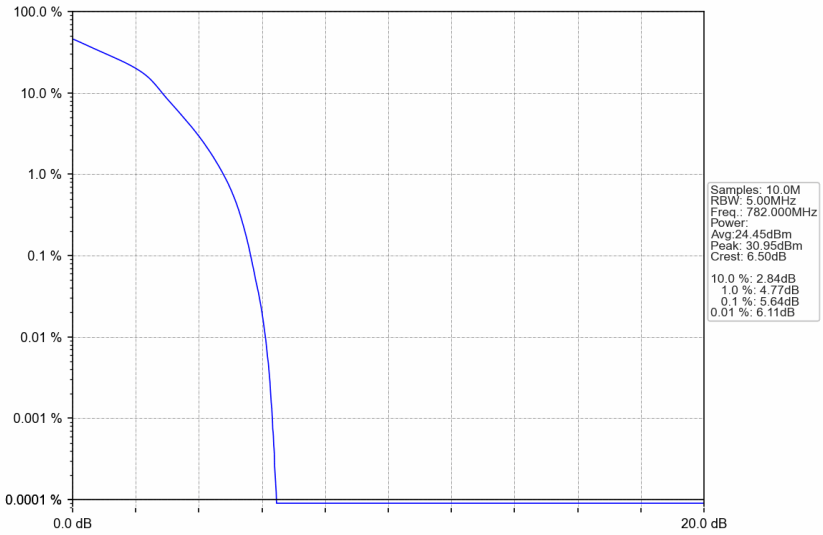
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



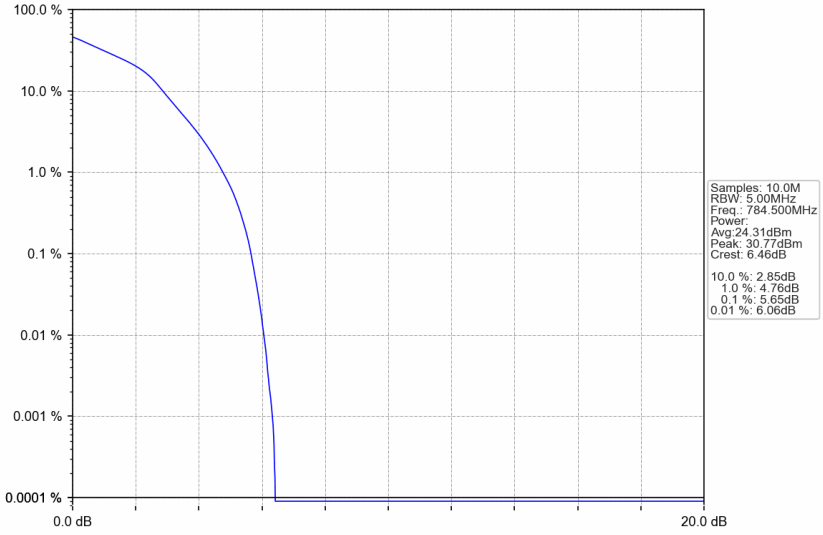
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



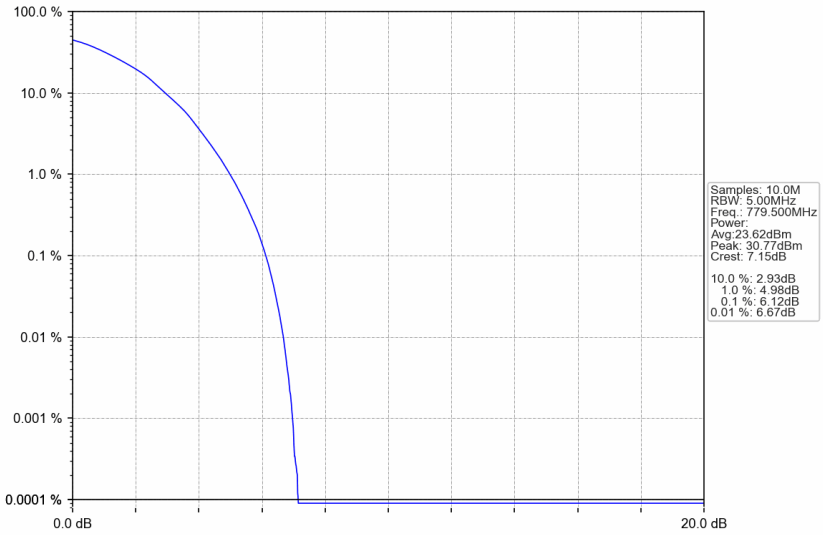
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



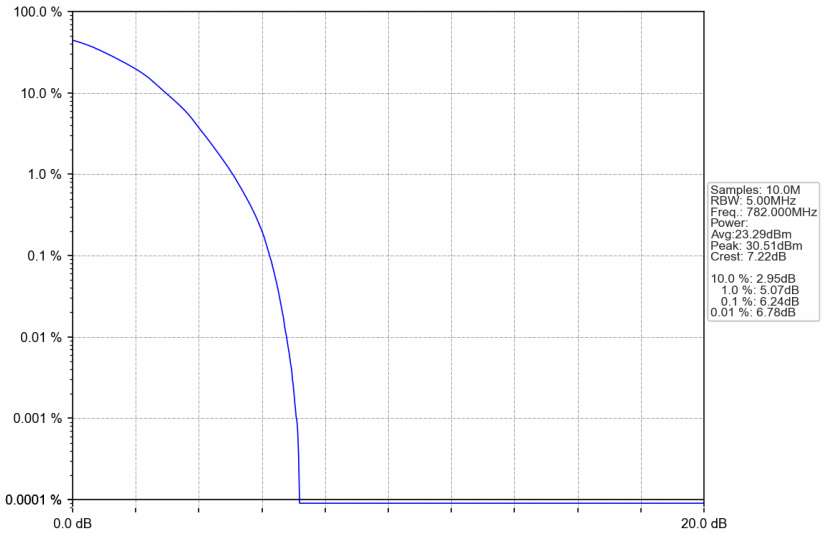
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



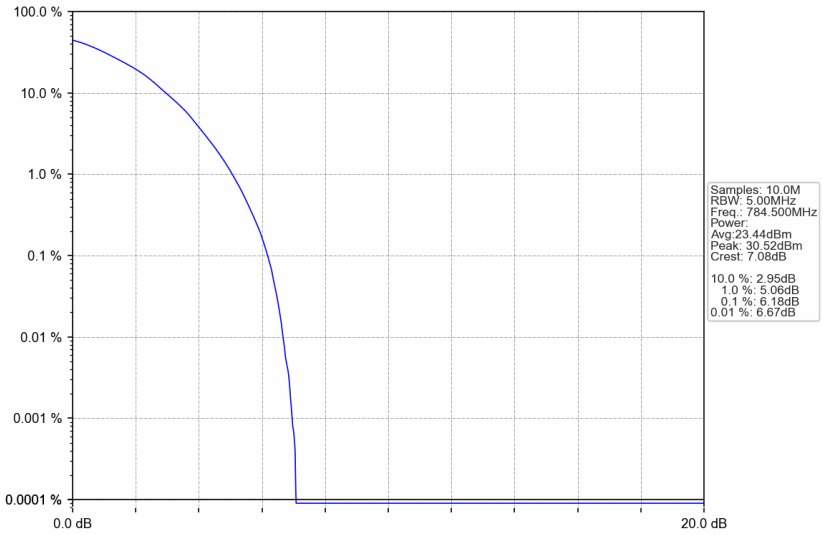
Band13_5MHz_64QAM_LCH_779.5MHz_RB_25_0_NTNV



Band13_5MHz_64QAM_MCH_782MHz_RB_25_0_NTNV



Band13_5MHz_64QAM_HCH_784.5MHz_RB_25_0_NTNV



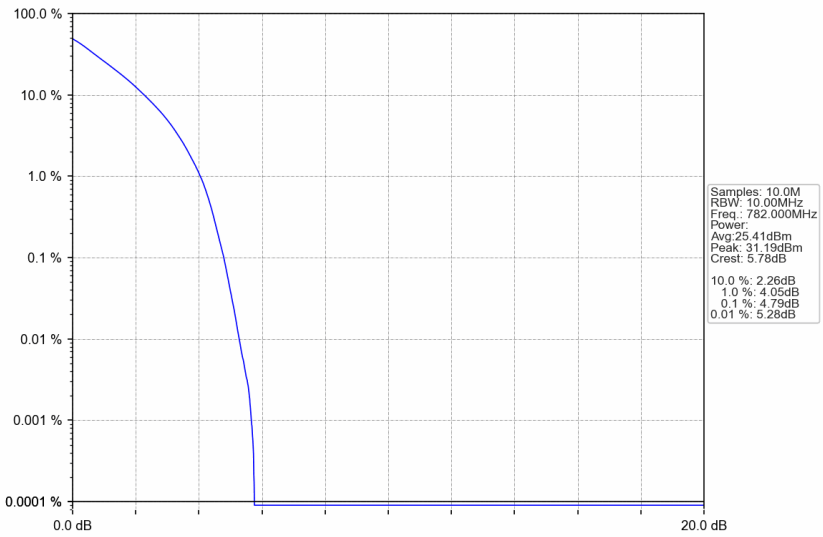
4.2 B13_10MHz

4.2.1 Test Result

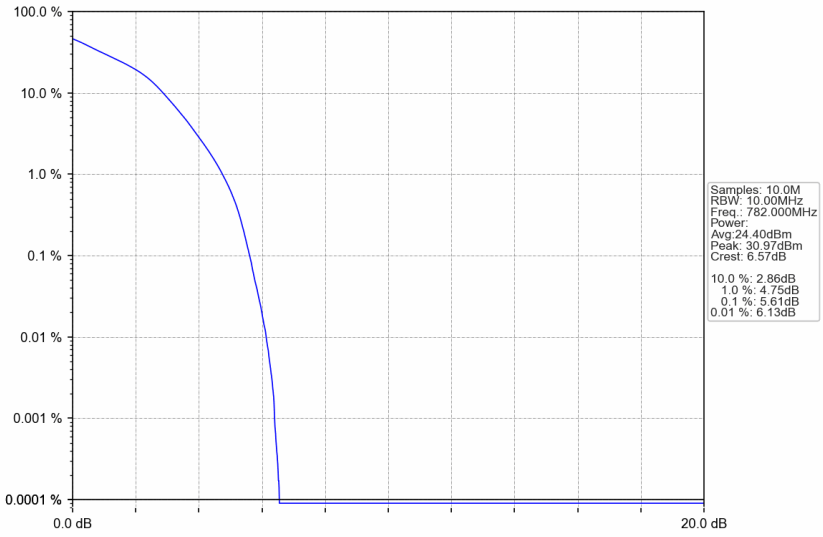
Band: 13 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	782	50	0	4.79	<=13	Pass
16QAM	782	50	0	5.61	<=13	Pass
64QAM	782	50	0	6.11	<=13	Pass

4.2.2 Test Graph

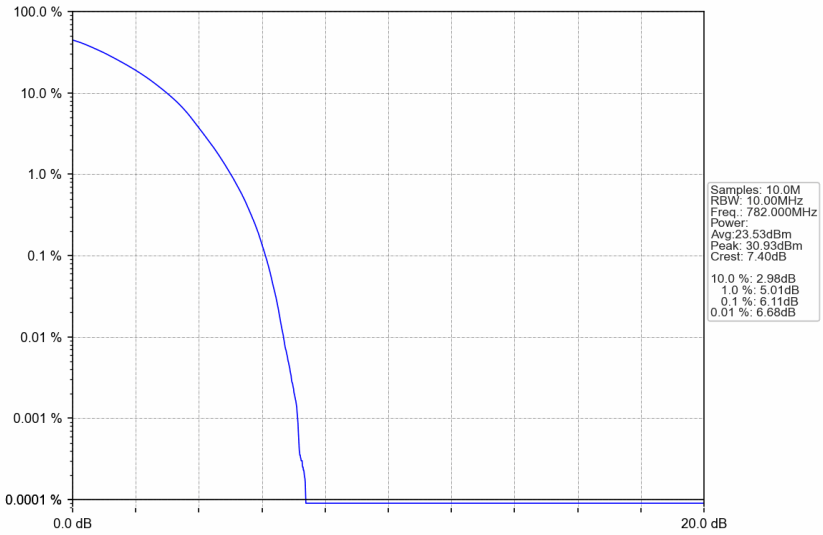
Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_64QAM_MCH_782MHz_RB_50_0_NTNV



5. Spurious Emission

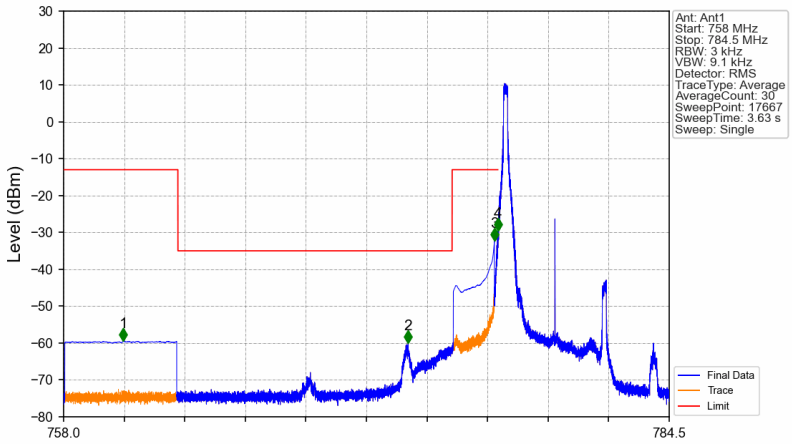
5.1 B13_5MHz

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

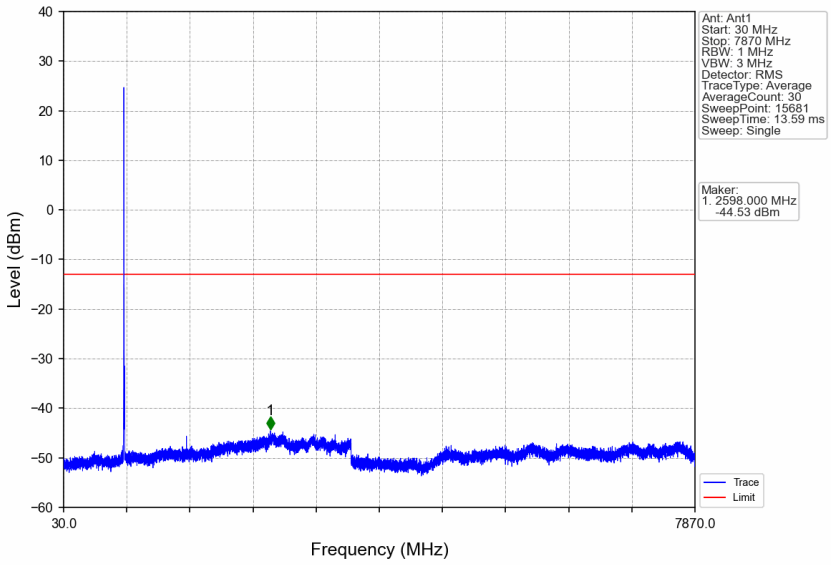
5.1.2 Test Graph

Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV

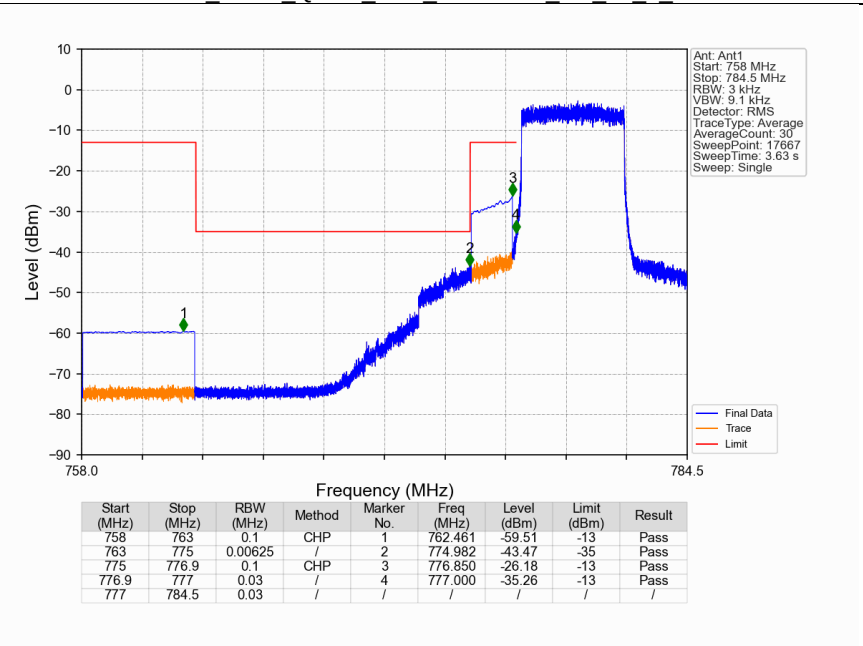


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	760.615	-59.44	-13	Pass
763	775	0.00625	/	2	773.076	-60.07	-35	Pass
775	776.9	0.1	CHP	3	776.850	-32.36	-13	Pass
776.9	777	0.03	/	4	777.000	-29.63	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV

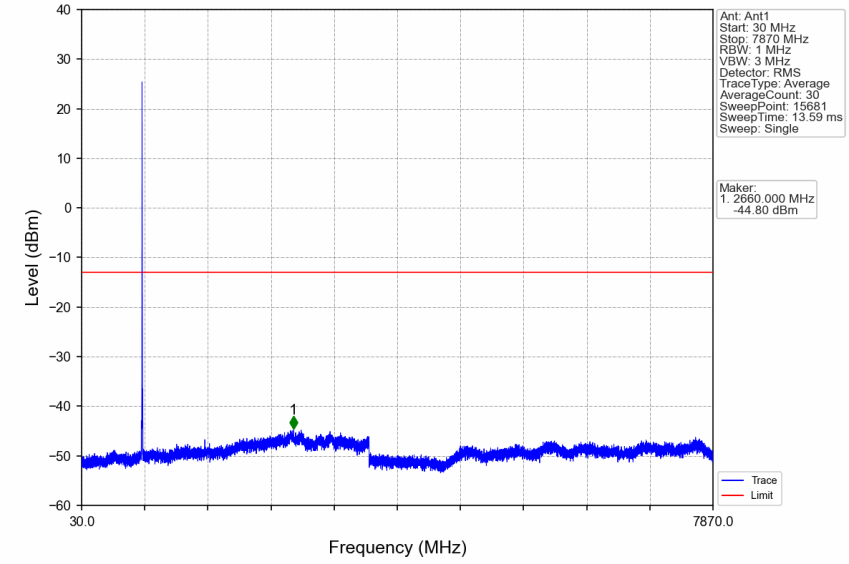


Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV

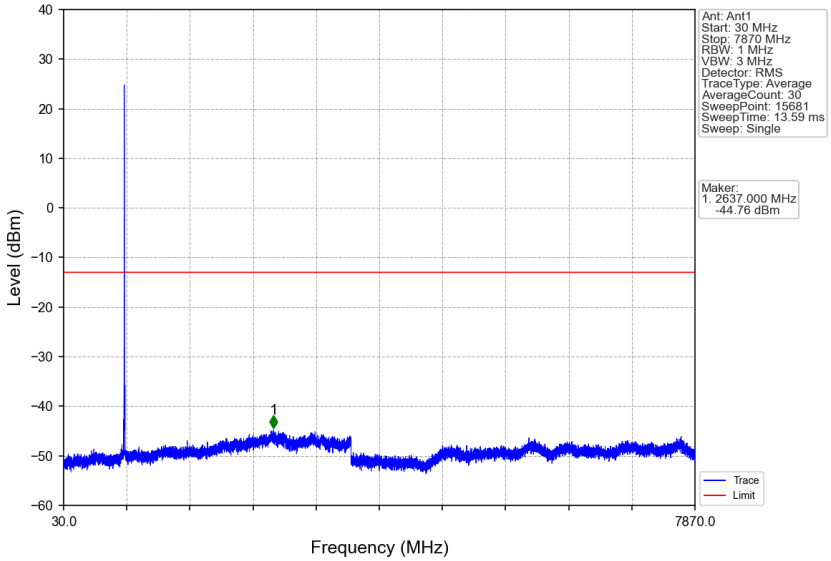


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.461	-59.51	-13	Pass
763	775	0.00625	/	2	774.982	-43.47	-35	Pass
775	776.9	0.1	CHP	3	776.850	-26.18	-13	Pass
776.9	777	0.03	/	4	777.000	-35.26	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

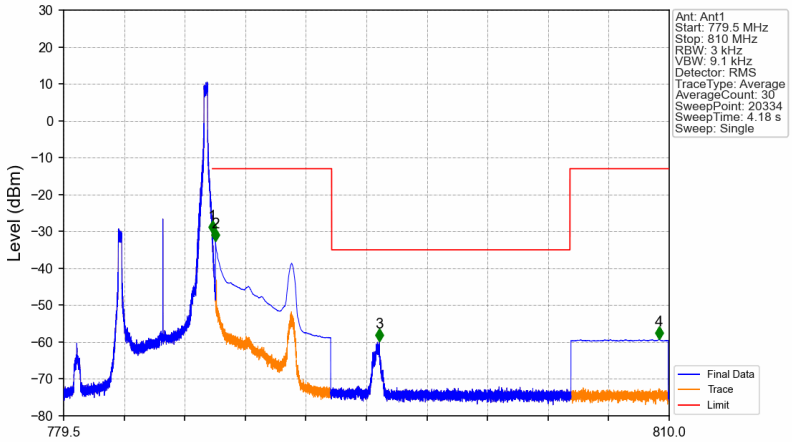
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV

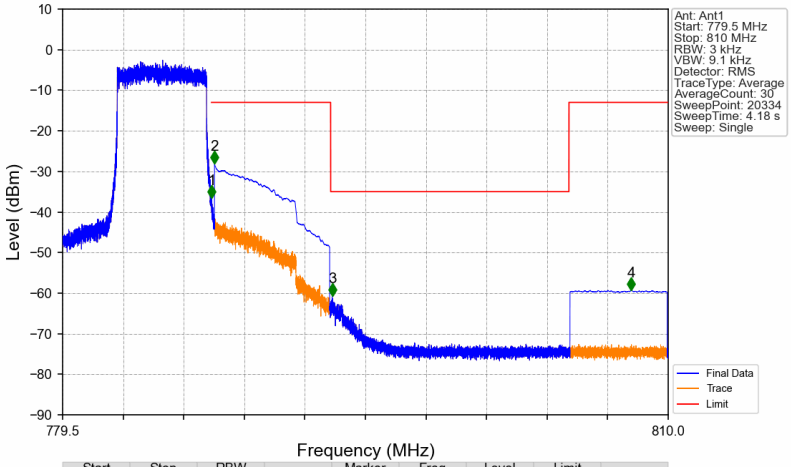


Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_24_NTNV



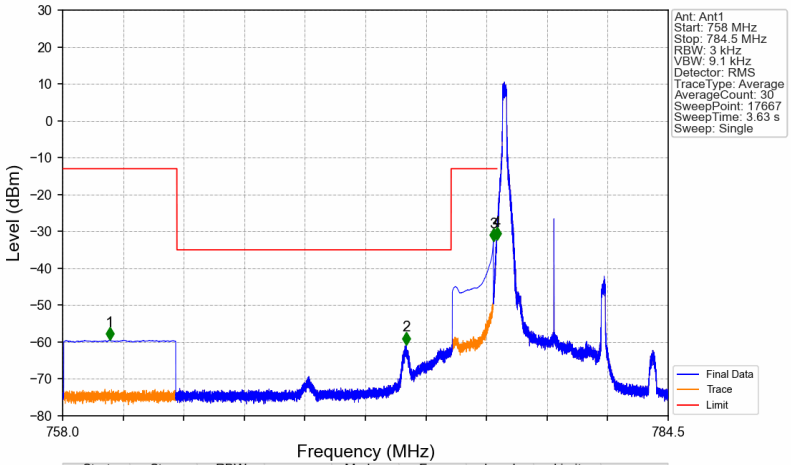
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	1	787.000	-30.59	-13	Pass
787.1	793	0.1	CHP	2	787.150	-32.61	-13	Pass
793	805	0.00625	/	3	795.409	-59.87	-35	Pass
805	810	0.1	CHP	4	809.497	-59.27	-13	Pass

Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



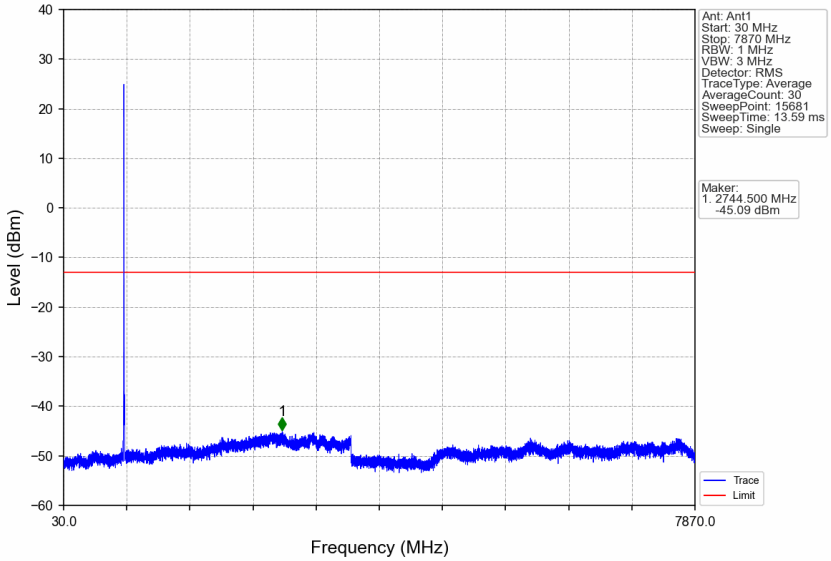
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	1	787.002	-36.61	-13	Pass
787.1	793	0.1	CHP	2	787.150	-28.12	-13	Pass
793	805	0.00625	/	3	793.074	-60.76	-35	Pass
805	810	0.1	CHP	4	808.143	-59.29	-13	Pass

Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV

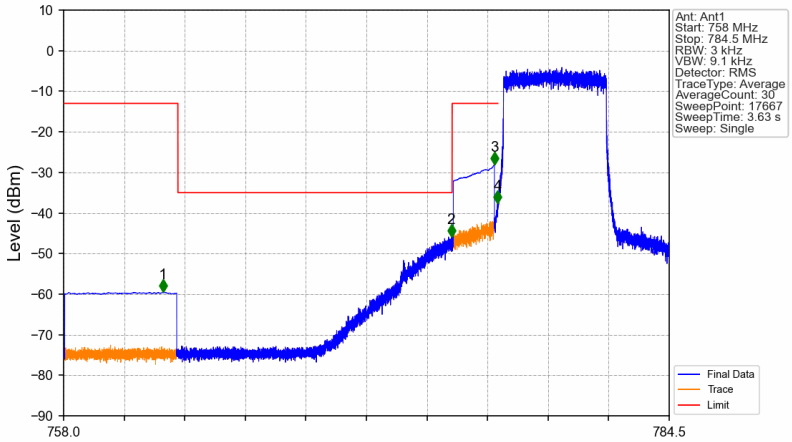


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	760.057	-59.49	-13	Pass
763	775	0.00625	/	2	773.029	-60.73	-35	Pass
775	776.9	0.1	CHP	3	776.850	-32.73	-13	Pass
776.9	777	0.03	/	4	776.998	-32.28	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV

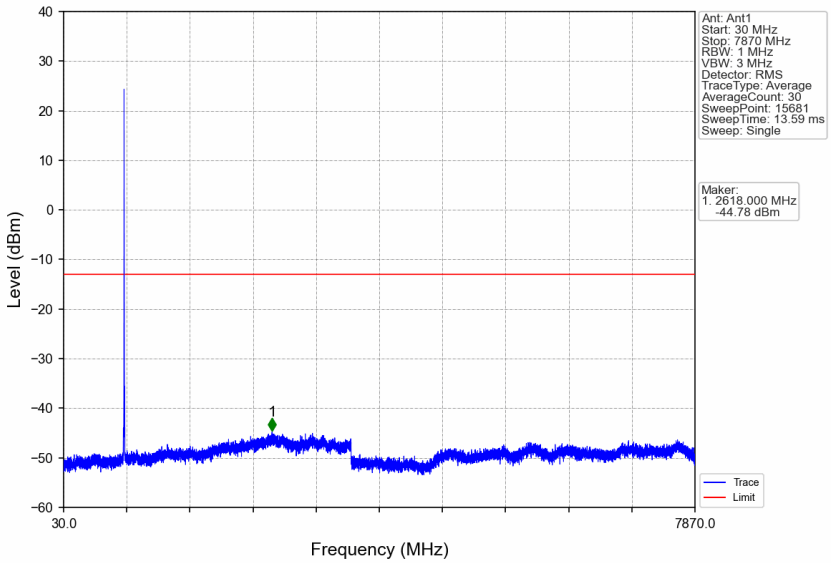


Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV

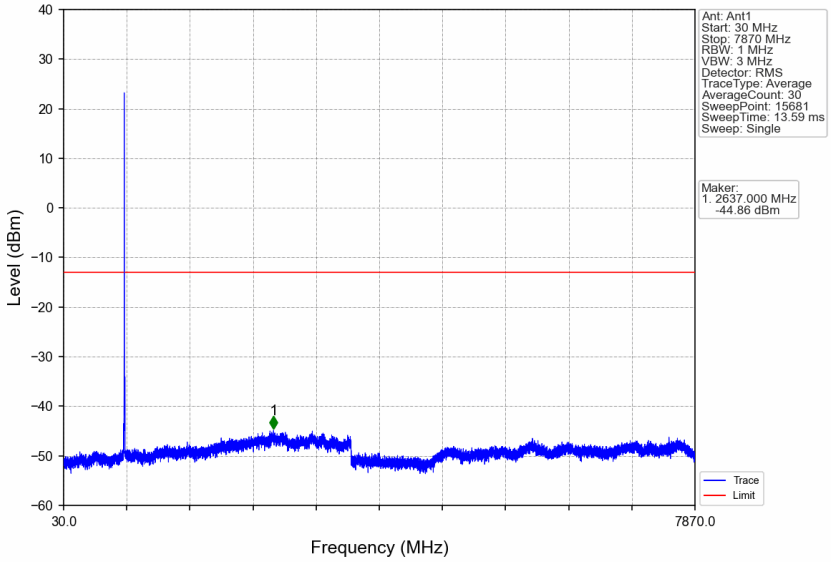


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.340	-59.53	-13	Pass
763	775	0.00625	/	2	774.963	-45.88	-35	Pass
775	776.9	0.1	CHP	3	776.850	-28.08	-13	Pass
776.9	777	0.03	/	4	776.986	-37.65	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

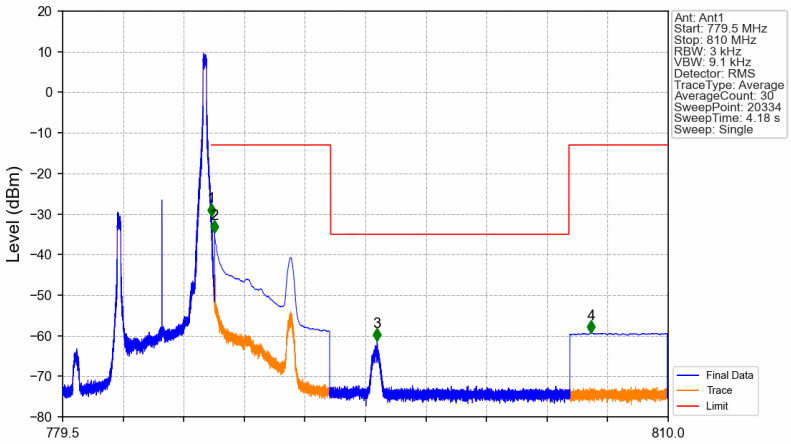
Band13_5MHz_16QAM_MCH_782MHz_RB_1_0_NTNV



Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_0_NTNV

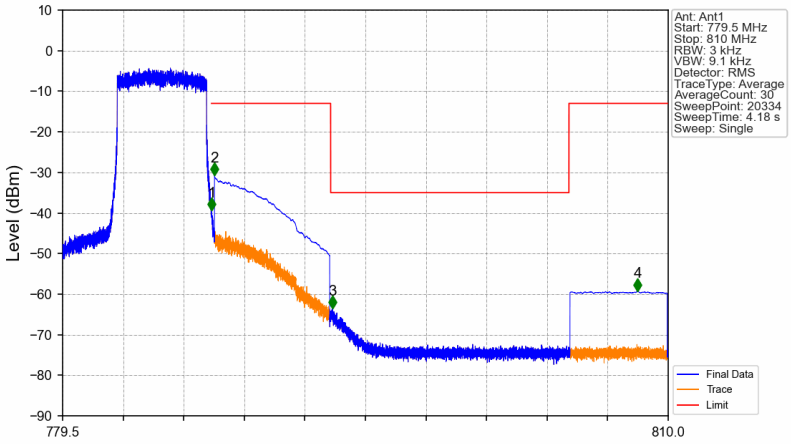


Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_24_NTNV



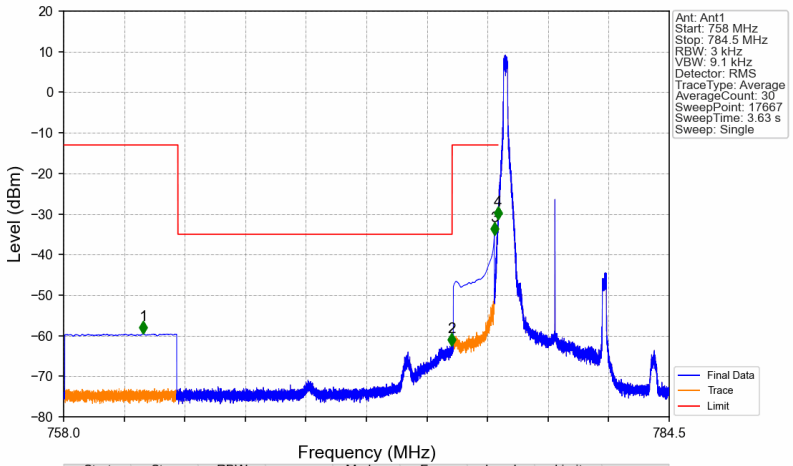
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	1	787.000	-30.53	-13	Pass
787.1	793	0.1	CHP	2	787.150	-34.65	-13	Pass
793	805	0.00625	/	3	795.339	-61.29	-35	Pass
805	810	0.1	CHP	4	806.121	-59.36	-13	Pass

Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



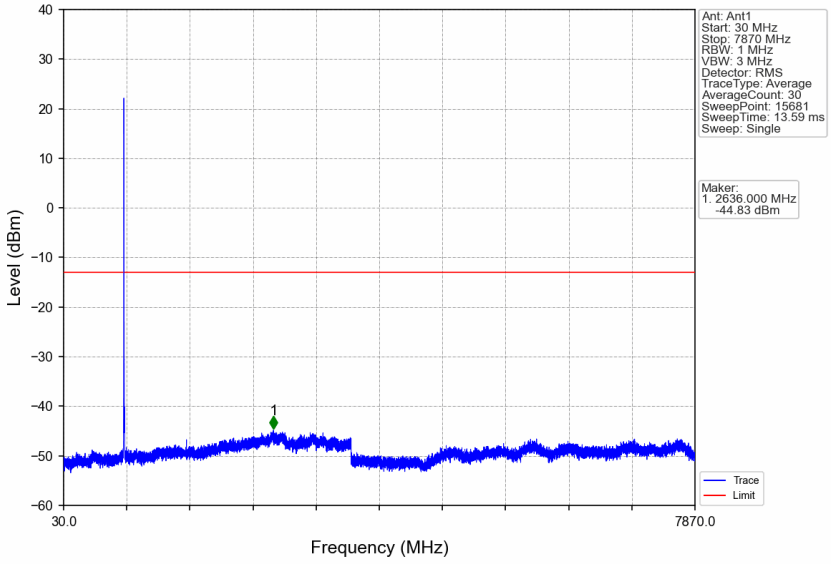
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	1	787.009	-39.43	-13	Pass
787.1	793	0.1	CHP	2	787.150	-30.72	-13	Pass
793	805	0.00625	/	3	793.089	-63.57	-35	Pass
805	810	0.1	CHP	4	808.462	-59.24	-13	Pass

Band13_5MHz_64QAM_LCH_779.5MHz_RB_1_0_NTNV

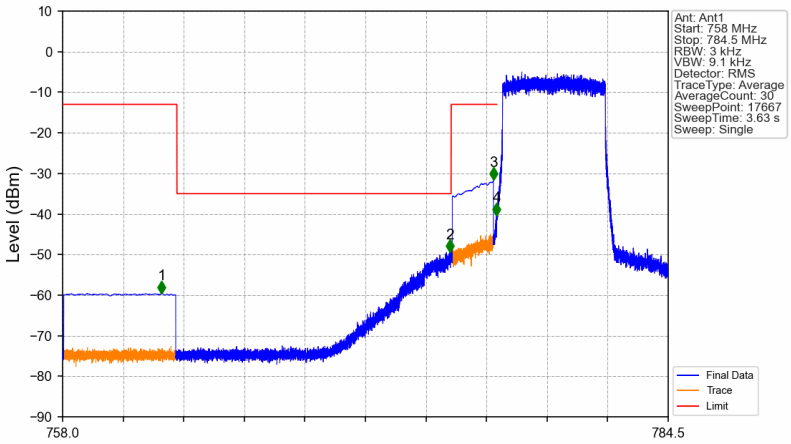


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	761.486	-59.55	-13	Pass
763	775	0.00625	/	2	774.969	-62.56	-35	Pass
775	776.9	0.1	CHP	3	776.850	-35.26	-13	Pass
776.9	777	0.03	/	4	777.000	-31.28	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

Band13_5MHz_64QAM_LCH_779.5MHz_RB_1_0_NTNV

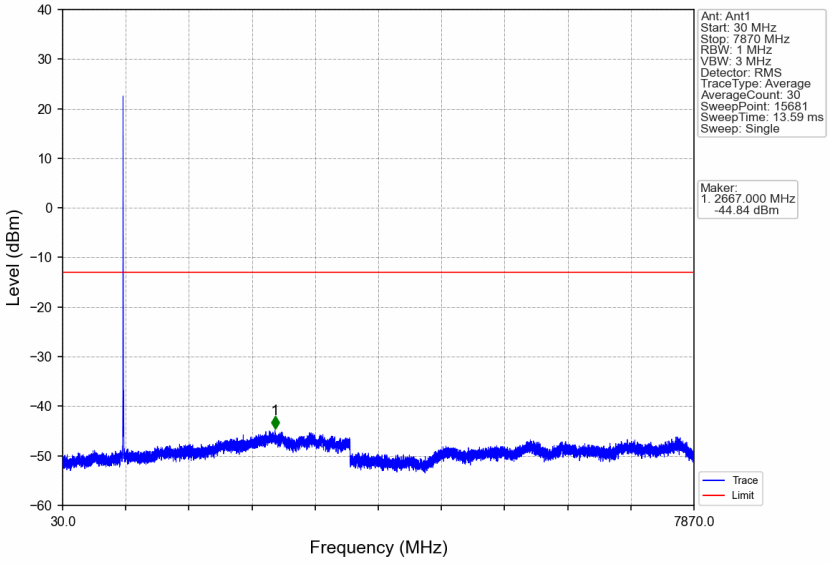


Band13_5MHz_64QAM_LCH_779.5MHz_RB_25_0_NTNV

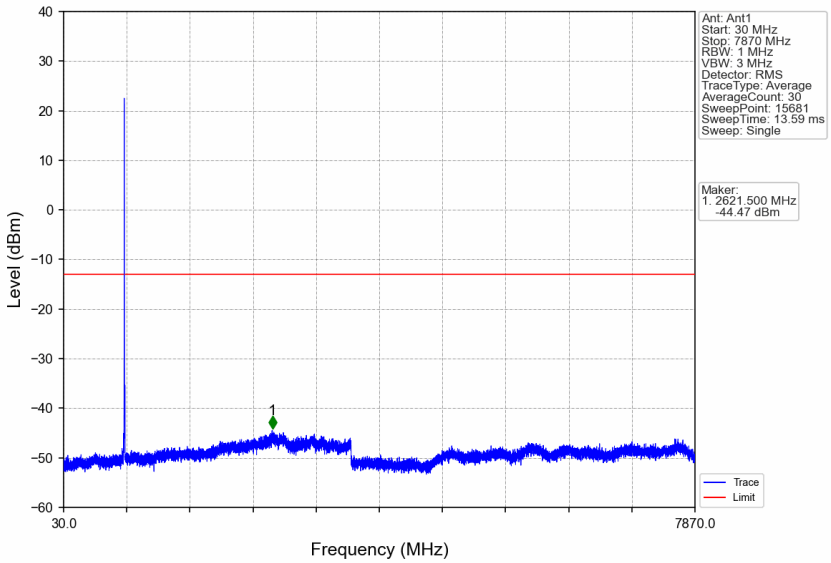


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.329	-59.60	-13	Pass
763	775	0.00625	/	2	774.946	-49.44	-35	Pass
775	776.9	0.1	CHP	3	776.850	-31.65	-13	Pass
776.9	777	0.03	/	4	776.989	-40.37	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

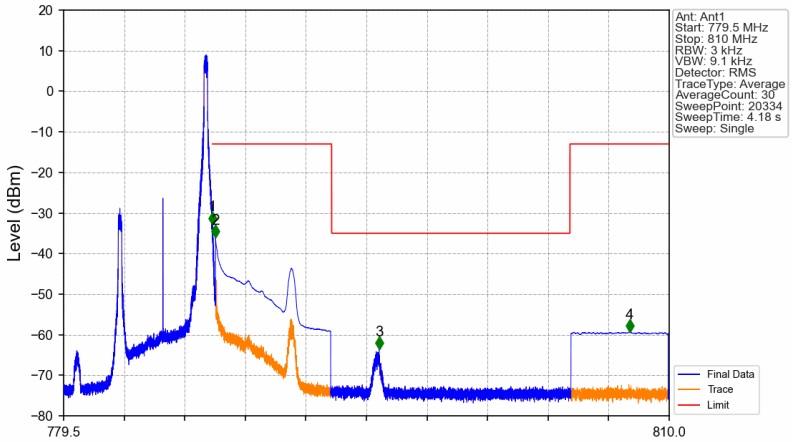
Band13_5MHz_64QAM_MCH_782MHz_RB_1_0_NTNV



Band13_5MHz_64QAM_HCH_784.5MHz_RB_1_0_NTNV

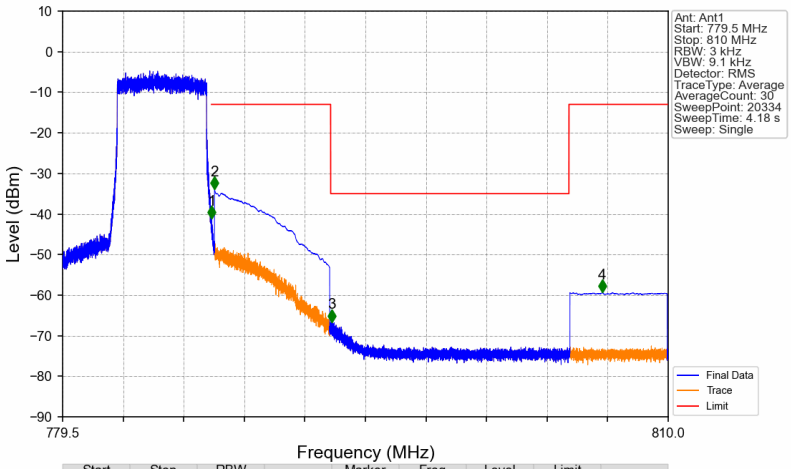


Band13_5MHz_64QAM_HCH_784.5MHz_RB_1_24_NTNV



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	-32.85	-13	Pass
787.1	793	0.1	CHP	2	787.150	-36.16	-13	Pass
793	805	0.00625	/	3	795.385	-63.59	-35	Pass
805	810	0.1	CHP	4	808.003	-59.35	-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	787.014	-41.22	-13	Pass
787.1	793	0.1	CHP	2	787.150	-33.91	-13	Pass
793	805	0.00625	/	3	793.056	-66.63	-35	Pass
805	810	0.1	CHP	4	806.683	-59.37	-13	Pass

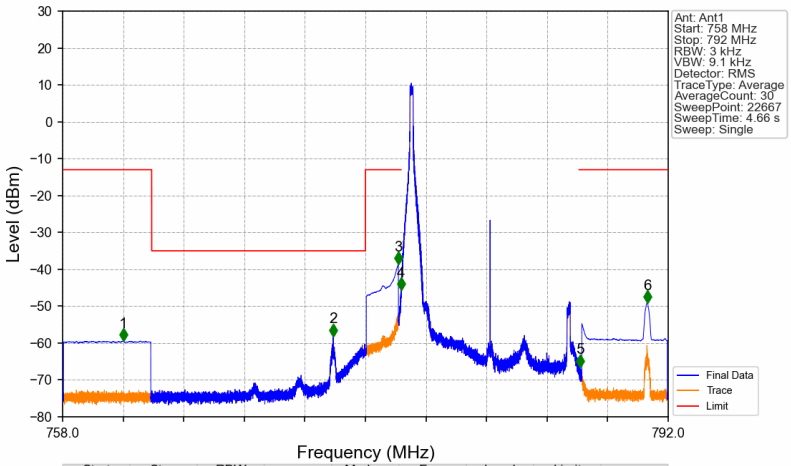
5.2 B13_10MHz

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	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	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	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

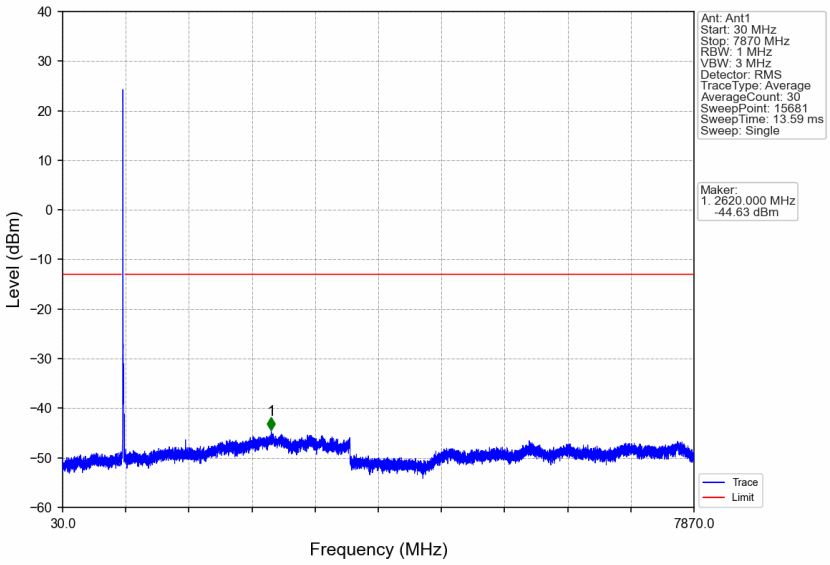
5.2.2 Test Graph

Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV

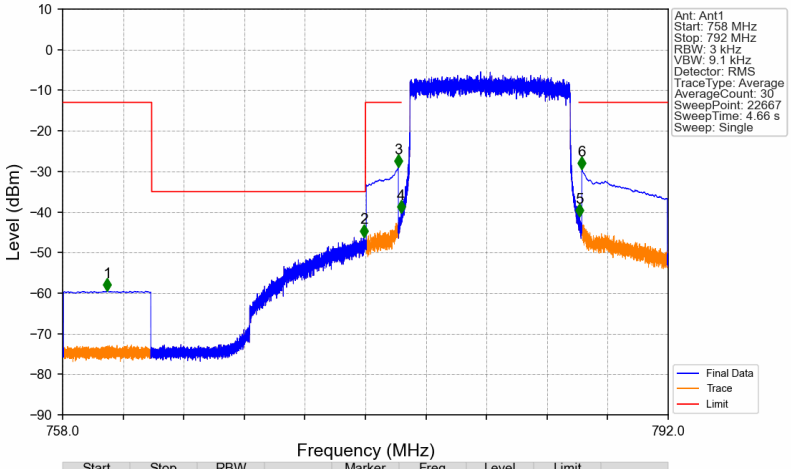


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	761.398	-59.44	-13	Pass
763	775	0.00625	/	2	773.192	-58.20	-35	Pass
775	776.9	0.1	CHP	3	776.850	-38.74	-13	Pass
776.9	777	0.03	/	4	777.000	-45.68	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	5	787.048	-66.53	-13	Pass
787.1	792	0.1	CHP	6	790.830	-49.10	-13	Pass

Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV

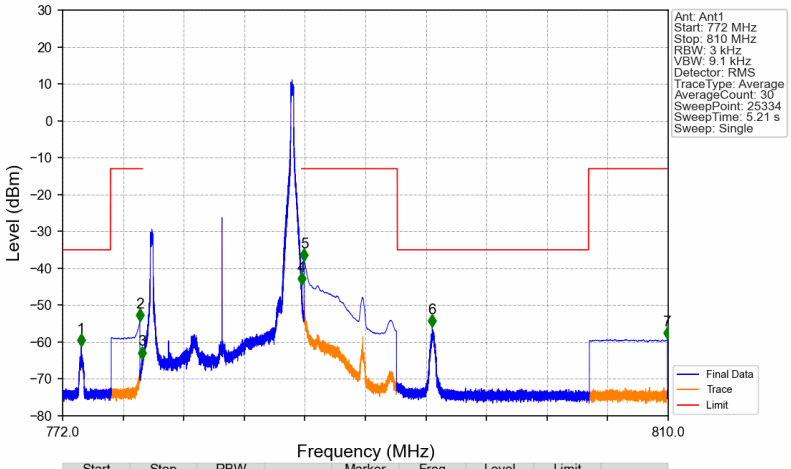


Band13_10MHz_QPSK_LCH_782MHz_RB_50_0_NTNV



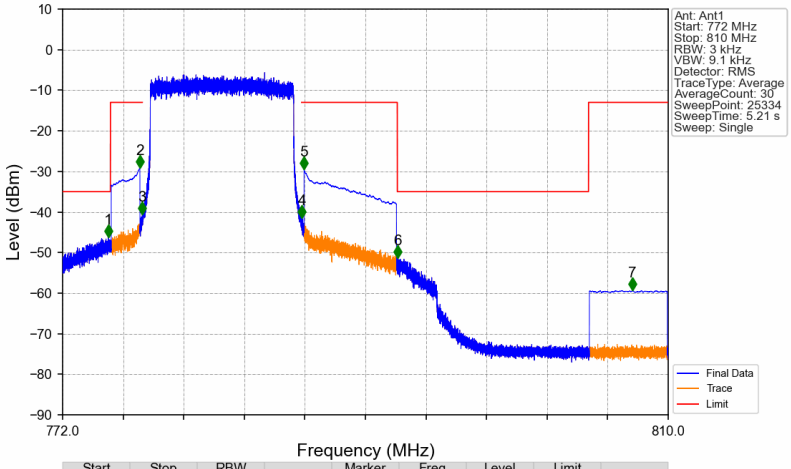
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	760.508	-59.46	-13	Pass
763	775	0.00625	/	2	774.914	-46.20	-35	Pass
775	776.9	0.1	CHP	3	776.850	-28.99	-13	Pass
776.9	777	0.03	/	4	777.000	-40.24	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	5	787.005	-41.17	-13	Pass
787.1	792	0.1	CHP	6	787.150	-29.50	-13	Pass

Band13_10MHz_QPSK_HCH_782MHz_RB_1_49_NTNV



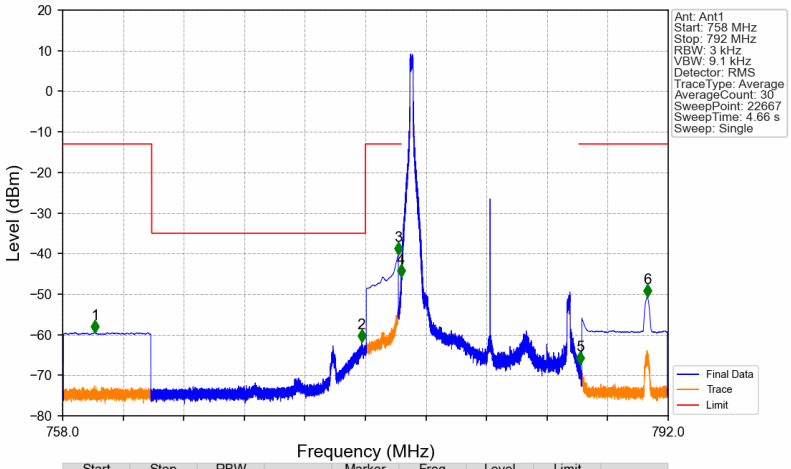
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	773.164	-61.12	-35	Pass
775	776.9	0.1	CHP	2	776.850	-54.40	-13	Pass
776.9	777	0.03	/	3	776.988	-64.61	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.003	-44.55	-13	Pass
787.1	793	0.1	CHP	5	787.156	-38.07	-13	Pass
793	805	0.00625	/	6	795.193	-55.93	-35	Pass
805	810	0.1	CHP	7	809.937	-59.33	-13	Pass

Band13_10MHz_QPSK_HCH_782MHz_RB_50_0_NTNV



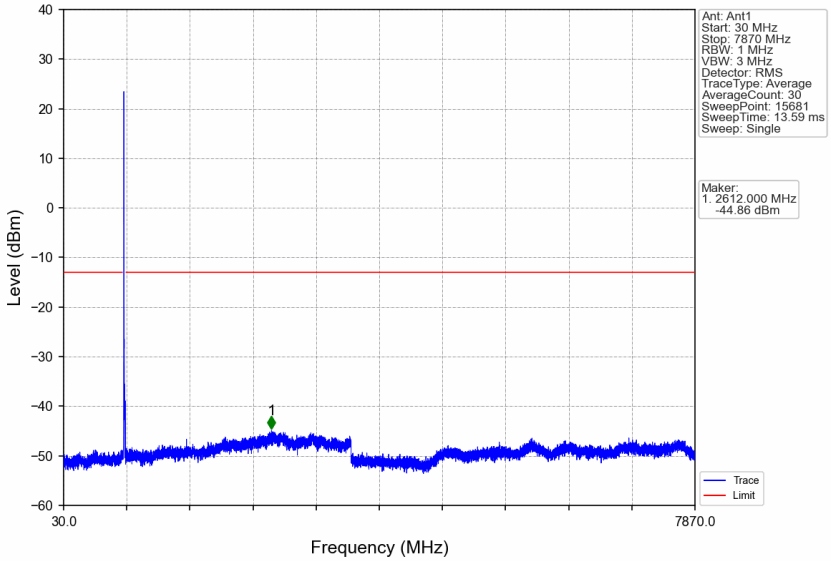
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	774.868	-46.24	-35	Pass
775	776.9	0.1	CHP	2	776.850	-29.11	-13	Pass
776.9	777	0.03	/	3	777.000	-40.66	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.015	-41.55	-13	Pass
787.1	793	0.1	CHP	5	787.150	-29.58	-13	Pass
793	805	0.00625	/	6	793.020	-51.38	-35	Pass
805	810	0.1	CHP	7	807.762	-59.36	-13	Pass

Band13_10MHz_16QAM_LCH_782MHz_RB_1_0_NTNV

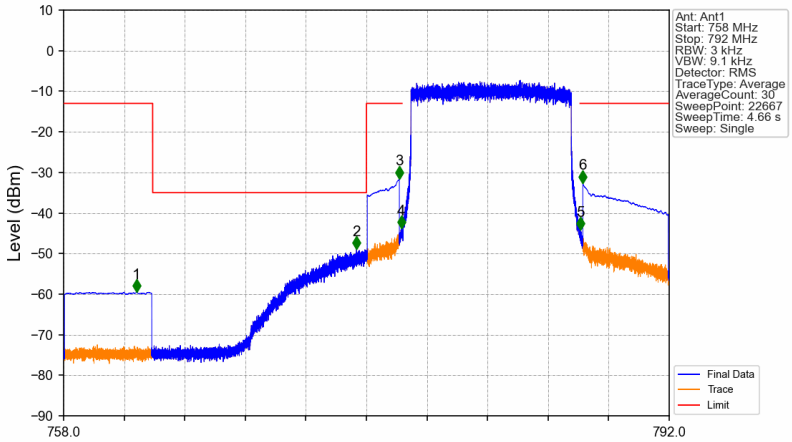


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	759.827	-59.52	-13	Pass
763	775	0.00625	/	2	774.784	-61.87	-35	Pass
775	776.9	0.1	CHP	3	776.847	-40.28	-13	Pass
776.9	777	0.03	/	4	776.998	-45.74	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	5	787.051	-67.37	-13	Pass
787.1	792	0.1	CHP	6	790.834	-50.76	-13	Pass

Band13_10MHz_16QAM_LCH_782MHz_RB_1_0_NTNV

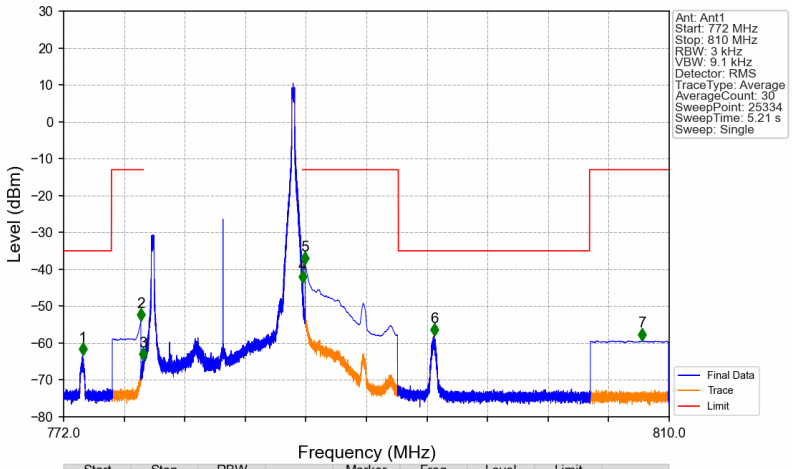


Band13_10MHz_16QAM_LCH_782MHz_RB_50_0_NTNV



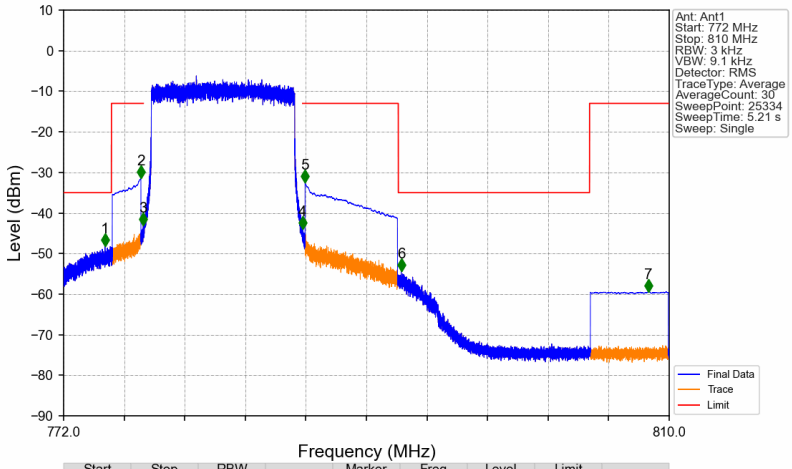
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.092	-59.49	-13	Pass
763	775	0.00625	/	2	774.446	-48.88	-35	Pass
775	776.9	0.1	CHP	3	776.850	-31.54	-13	Pass
776.9	777	0.03	/	4	776.970	-43.83	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	5	787.003	-44.14	-13	Pass
787.1	792	0.1	CHP	6	787.150	-32.60	-13	Pass

Band13_10MHz_16QAM_HCH_782MHz_RB_1_49_NTNV



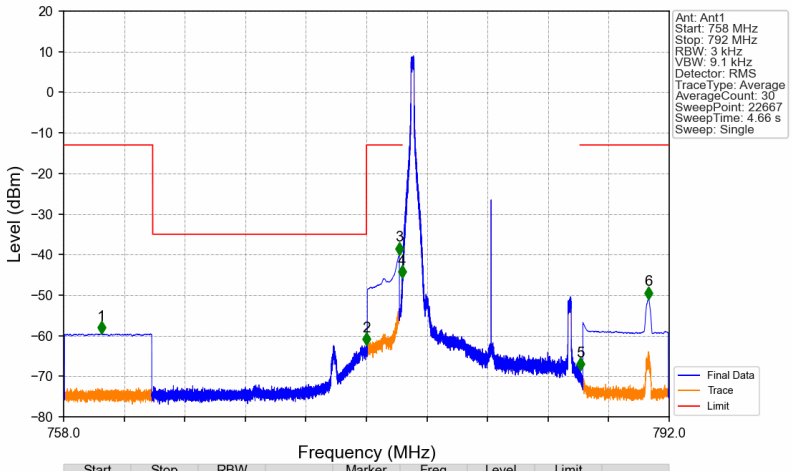
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	773.197	-63.35	-35	Pass
775	776.9	0.1	CHP	2	776.850	-54.09	-13	Pass
776.9	777	0.03	/	3	776.971	-64.76	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.003	-43.79	-13	Pass
787.1	793	0.1	CHP	5	787.150	-38.68	-13	Pass
793	805	0.00625	/	6	795.253	-58.14	-35	Pass
805	810	0.1	CHP	7	808.314	-59.34	-13	Pass

Band13_10MHz_16QAM_HCH_782MHz_RB_50_0_NTNV



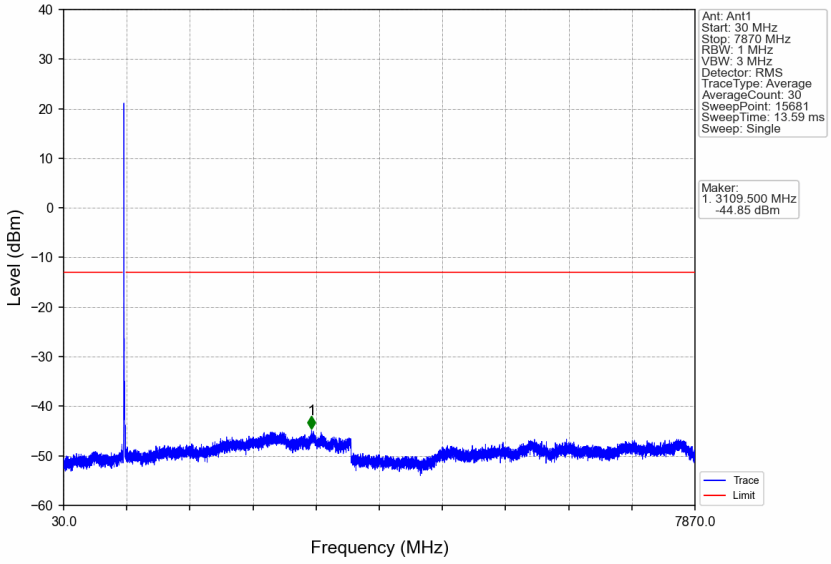
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	774.598	-48.20	-35	Pass
775	776.9	0.1	CHP	2	776.848	-31.41	-13	Pass
776.9	777	0.03	/	3	776.997	-43.16	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.002	-43.97	-13	Pass
787.1	793	0.1	CHP	5	787.150	-32.51	-13	Pass
793	805	0.00625	/	6	793.183	-54.41	-35	Pass
805	810	0.1	CHP	7	808.686	-59.44	-13	Pass

Band13_10MHz_64QAM_LCH_782MHz_RB_1_0_NTNV

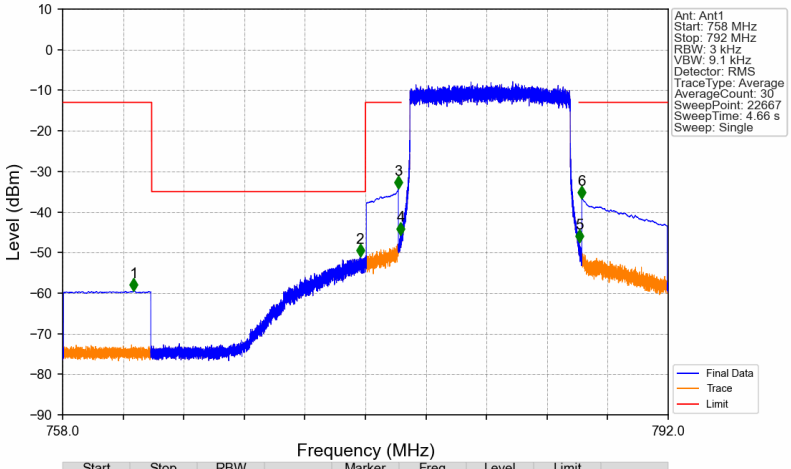


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	760.127	-59.55	-13	Pass
763	775	0.00625	/	2	774.992	-62.33	-35	Pass
775	776.9	0.1	CHP	3	776.850	-40.06	-13	Pass
776.9	777	0.03	/	4	776.998	-45.79	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	5	787.003	-68.56	-13	Pass
787.1	792	0.1	CHP	6	790.831	-50.99	-13	Pass

Band13_10MHz_64QAM_LCH_782MHz_RB_1_0_NTNV

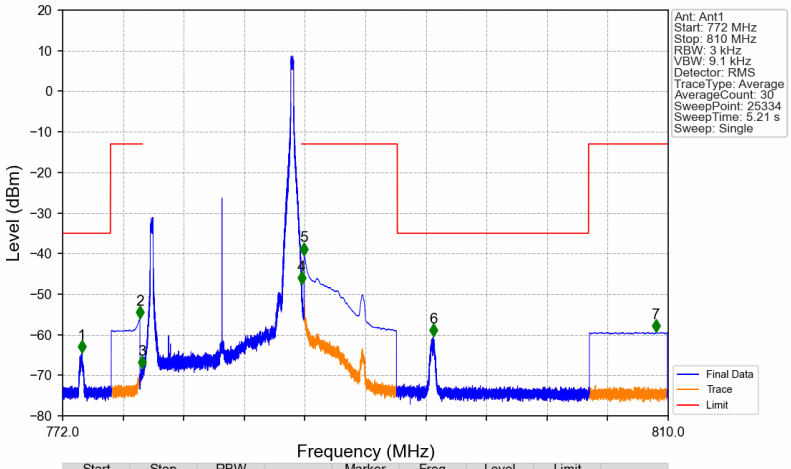


Band13_10MHz_64QAM_LCH_782MHz_RB_50_0_NTNV



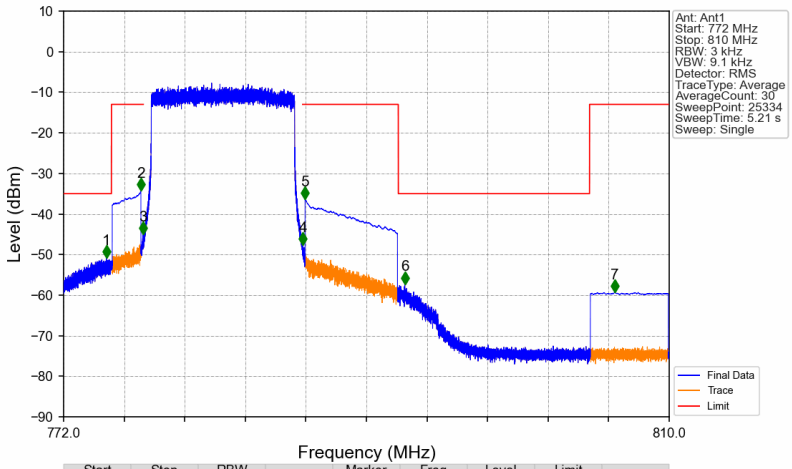
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	761.993	-59.48	-13	Pass
763	775	0.00625	/	2	774.700	-51.08	-35	Pass
775	776.9	0.1	CHP	3	776.848	-34.34	-13	Pass
776.9	777	0.03	/	4	776.989	-45.66	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	5	787.003	-47.54	-13	Pass
787.1	792	0.1	CHP	6	787.150	-36.73	-13	Pass

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	773.212	-64.54	-35	Pass
775	776.9	0.1	CHP	2	776.850	-56.06	-13	Pass
776.9	777	0.03	/	3	777.000	-68.39	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.005	-47.61	-13	Pass
787.1	793	0.1	CHP	5	787.150	-40.41	-13	Pass
793	805	0.00625	/	6	795.253	-60.41	-35	Pass
805	810	0.1	CHP	7	809.242	-59.41	-13	Pass

Band13_10MHz_64QAM_HCH_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	774.690	-50.91	-35	Pass
775	776.9	0.1	CHP	2	776.847	-34.23	-13	Pass
776.9	777	0.03	/	3	776.983	-45.03	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.006	-47.73	-13	Pass
787.1	793	0.1	CHP	5	787.150	-36.40	-13	Pass
793	805	0.00625	/	6	793.410	-57.31	-35	Pass
805	810	0.1	CHP	7	806.598	-59.31	-13	Pass