1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B12_1.4MHz_ERP

Band: 12 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	699.7	1	0	24.62	-3.75	18.72	<=34.77	Pass
			2	24.26	-3.75	18.36	<=34.77	Pass
			5	24.16	-3.75	18.26	<=34.77	Pass
		3	0	24.41	-3.75	18.51	<=34.77	Pass
			2	24.54	-3.75	18.64	<=34.77	Pass
			3	24.28	-3.75	18.38	<=34.77	Pass
		6	0	23.28	-3.75	17.38	<=34.77	Pass
	707.5	1	0	24.71	-3.75	18.81	<=34.77	Pass
			2	24.80	-3.75	18.90	<=34.77	Pass
			5	24.72	-3.75	18.82	<=34.77	Pass
		3	0	24.62	-3.75	18.72	<=34.77	Pass
			2	24.57	-3.75	18.67	<=34.77	Pass
			3	24.45	-3.75	18.55	<=34.77	Pass
		6	0	23.66	-3.75	17.76	<=34.77	Pass
	715.3	1	0	24.47	-3.75	18.57	<=34.77	Pass
			2	24.45	-3.75	18.55	<=34.77	Pass
			5	24.54	-3.75	18.64	<=34.77	Pass
		3	0	24.63	-3.75	18.73	<=34.77	Pass
			2	24.61	-3.75	18.71	<=34.77	Pass
			3	24.49	-3.75	18.59	<=34.77	Pass
		6	0	23.58	-3.75	17.68	<=34.77	Pass
16QAM	699.7	1	0	24.17	-3.75	18.27	<=34.77	Pass
			2	24.10	-3.75	18.20	<=34.77	Pass
			5	23.99	-3.75	18.09	<=34.77	Pass
		3	0	23.45	-3.75	17.55	<=34.77	Pass
			2	23.09	-3.75	17.19	<=34.77	Pass
			3	22.85	-3.75	16.95	<=34.77	Pass
		6	0	22.54	-3.75	16.64	<=34.77	Pass
	707.5	1	0	23.84	-3.75	17.94	<=34.77	Pass
			2	23.90	-3.75	18.00	<=34.77	Pass
			5	23.87	-3.75	17.97	<=34.77	Pass
		3	0	23.75	-3.75	17.85	<=34.77	Pass
			2	23.85	-3.75	17.95	<=34.77	Pass
			3	23.73	-3.75	17.83	<=34.77	Pass
		6	0	22.42	-3.75	16.52	<=34.77	Pass
	715.3	1	0	23.95	-3.75	18.05	<=34.77	Pass
			2	23.81	-3.75	17.91	<=34.77	Pass
			5	23.61	-3.75	17.71	<=34.77	Pass
		3	0	23.54	-3.75	17.64	<=34.77	Pass
			2	23.64	-3.75	17.74	<=34.77	Pass
			3	23.64	-3.75	17.74	<=34.77	Pass
		6	0	22.44	-3.75	16.54	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.2 B12_3MHz_ERP

Band: 12 / Bandwidth: 3MHz / NTNV

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	700.5	1	0	24.61	-3.75	18.71	<=34.77	Pass
			7	24.25	-3.75	18.35	<=34.77	Pass
			14	24.28	-3.75	18.38	<=34.77	Pass
		8	0	23.32	-3.75	17.42	<=34.77	Pass
			4	23.26	-3.75	17.36	<=34.77	Pass
			7	23.31	-3.75	17.41	<=34.77	Pass
		15	0	23.38	-3.75	17.48	<=34.77	Pass
	707.5	1	0	24.60	-3.75	18.70	<=34.77	Pass
			7	24.67	-3.75	18.77	<=34.77	Pass
			14	24.44	-3.75	18.54	<=34.77	Pass
		8	0	23.70	-3.75	17.80	<=34.77	Pass
			4	23.70	-3.75	17.80	<=34.77	Pass
			7	23.60	-3.75	17.70	<=34.77	Pass
		15	0	23.60	-3.75	17.70	<=34.77	Pass
	714.5	1	0	24.75	-3.75	18.85	<=34.77	Pass
			7	24.87	-3.75	18.97	<=34.77	Pass
			14	24.74	-3.75	18.84	<=34.77	Pass
		8	0	23.79	-3.75	17.89	<=34.77	Pass
			4	23.66	-3.75	17.76	<=34.77	Pass
			7	23.71	-3.75	17.81	<=34.77	Pass
		15	0	23.58	-3.75	17.68	<=34.77	Pass
16QAM	700.5	1	0	23.76	-3.75	17.86	<=34.77	Pass
			7	23.62	-3.75	17.72	<=34.77	Pass
			14	22.99	-3.75	17.09	<=34.77	Pass
		8	0	22.60	-3.75	16.70	<=34.77	Pass
			4	22.25	-3.75	16.35	<=34.77	Pass
			7	22.21	-3.75	16.31	<=34.77	Pass
		15	0	22.51	-3.75	16.61	<=34.77	Pass
	707.5	1	0	24.12	-3.75	18.22	<=34.77	Pass
			7	24.37	-3.75	18.47	<=34.77	Pass
			14	23.88	-3.75	17.98	<=34.77	Pass
		8	0	22.64	-3.75	16.74	<=34.77	Pass
			4	22.58	-3.75	16.68	<=34.77	Pass
			7	22.56	-3.75	16.66	<=34.77	Pass
		15	0	22.37	-3.75	16.47	<=34.77	Pass
	714.5	1	0	23.69	-3.75	17.79	<=34.77	Pass
			7	23.50	-3.75	17.60	<=34.77	Pass
			14	23.49	-3.75	17.59	<=34.77	Pass
		8	0	23.08	-3.75	17.18	<=34.77	Pass
			4	22.72	-3.75	16.82	<=34.77	Pass
			7	22.81	-3.75	16.91	<=34.77	Pass
		15	0	22.76	-3.75	16.86	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.3 B12_5MHz_ERP

Band: 12 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	701.5	1	0	24.34	-3.75	18.44	<=34.77	Pass
			13	24.28	-3.75	18.38	<=34.77	Pass
			24	24.16	-3.75	18.26	<=34.77	Pass
		12	0	23.22	-3.75	17.32	<=34.77	Pass
			6	23.33	-3.75	17.43	<=34.77	Pass
			13	23.23	-3.75	17.33	<=34.77	Pass

		25	0	23.27	-3.75	17.37	<=34.77	Pass
	707.5	1	0	24.36	-3.75	18.46	<=34.77	Pass
			13	24.56	-3.75	18.66	<=34.77	Pass
			24	24.17	-3.75	18.27	<=34.77	Pass
		12	0	23.68	-3.75	17.78	<=34.77	Pass
			6	23.66	-3.75	17.76	<=34.77	Pass
			13	23.43	-3.75	17.53	<=34.77	Pass
		25	0	23.50	-3.75	17.60	<=34.77	Pass
	713.5	1	0	24.36	-3.75	18.46	<=34.77	Pass
			13	24.48	-3.75	18.58	<=34.77	Pass
			24	24.49	-3.75	18.59	<=34.77	Pass
		12	0	23.63	-3.75	17.73	<=34.77	Pass
			6	23.70	-3.75	17.80	<=34.77	Pass
			13	23.48	-3.75	17.58	<=34.77	Pass
		25	0	23.59	-3.75	17.69	<=34.77	Pass
16QAM	701.5	1	0	23.16	-3.75	17.26	<=34.77	Pass
			13	22.59	-3.75	16.69	<=34.77	Pass
			24	22.64	-3.75	16.74	<=34.77	Pass
		12	0	22.31	-3.75	16.41	<=34.77	Pass
			6	22.37	-3.75	16.47	<=34.77	Pass
			13	22.28	-3.75	16.38	<=34.77	Pass
		25	0	22.44	-3.75	16.54	<=34.77	Pass
	707.5	1	0	23.98	-3.75	18.08	<=34.77	Pass
			13	24.39	-3.75	18.49	<=34.77	Pass
			24	24.16	-3.75	18.26	<=34.77	Pass
		12	0	22.41	-3.75	16.51	<=34.77	Pass
			6	22.60	-3.75	16.70	<=34.77	Pass
			13	22.48	-3.75	16.58	<=34.77	Pass
		25	0	22.46	-3.75	16.56	<=34.77	Pass
	713.5	1	0	23.61	-3.75	17.71	<=34.77	Pass
			13	23.61	-3.75	17.71	<=34.77	Pass
			24	23.37	-3.75	17.47	<=34.77	Pass
		12	0	22.59	-3.75	16.69	<=34.77	Pass
			6	22.90	-3.75	17.00	<=34.77	Pass
			13	22.31	-3.75	16.41	<=34.77	Pass
		25	0	22.67	-3.75	16.77	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.4 B12_10MHz_ERP

Band: 12 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	704	1	0	24.22	-3.75	18.32	<=34.77	Pass
			25	24.33	-3.75	18.43	<=34.77	Pass
			49	24.38	-3.75	18.48	<=34.77	Pass
		25	0	23.27	-3.75	17.37	<=34.77	Pass
			13	23.45	-3.75	17.55	<=34.77	Pass
			25	23.58	-3.75	17.68	<=34.77	Pass
		50	0	23.46	-3.75	17.56	<=34.77	Pass
	707.5	1	0	24.22	-3.75	18.32	<=34.77	Pass
			25	24.81	-3.75	18.91	<=34.77	Pass
			49	24.44	-3.75	18.54	<=34.77	Pass
		25	0	23.56	-3.75	17.66	<=34.77	Pass
			13	23.57	-3.75	17.67	<=34.77	Pass
			25	23.58	-3.75	17.68	<=34.77	Pass
		50	0	23.53	-3.75	17.63	<=34.77	Pass

	711	1	0	24.75	-3.75	18.85	<=34.77	Pass
			25	25.01	-3.75	19.11	<=34.77	Pass
			49	24.29	-3.75	18.39	<=34.77	Pass
		25	0	23.66	-3.75	17.76	<=34.77	Pass
			13	23.67	-3.75	17.77	<=34.77	Pass
			25	23.61	-3.75	17.71	<=34.77	Pass
		50	0	23.54	-3.75	17.64	<=34.77	Pass
16QAM	704	1	0	23.70	-3.75	17.80	<=34.77	Pass
			25	23.91	-3.75	18.01	<=34.77	Pass
			49	23.93	-3.75	18.03	<=34.77	Pass
		25	0	22.40	-3.75	16.50	<=34.77	Pass
			13	22.60	-3.75	16.70	<=34.77	Pass
			25	22.52	-3.75	16.62	<=34.77	Pass
		50	0	22.47	-3.75	16.57	<=34.77	Pass
	707.5	1	0	23.60	-3.75	17.70	<=34.77	Pass
			25	24.19	-3.75	18.29	<=34.77	Pass
			49	24.13	-3.75	18.23	<=34.77	Pass
		25	0	22.76	-3.75	16.86	<=34.77	Pass
			13	22.79	-3.75	16.89	<=34.77	Pass
			25	22.67	-3.75	16.77	<=34.77	Pass
		50	0	22.53	-3.75	16.63	<=34.77	Pass
	711	1	0	23.79	-3.75	17.89	<=34.77	Pass
			25	23.67	-3.75	17.77	<=34.77	Pass
			49	23.25	-3.75	17.35	<=34.77	Pass
		25	0	22.92	-3.75	17.02	<=34.77	Pass
			13	22.74	-3.75	16.84	<=34.77	Pass
			25	22.70	-3.75	16.80	<=34.77	Pass
		50	0	22.67	-3.75	16.77	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

2. Frequency Stability

2.1 Test Result

2.1.1 B12_1.4MHz

Band: 12 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	699.7	6	0	20	6.2	-13.032	-0.0186	-2.5 to 2.5	Pass
					7.2	-8.097	-0.0116	-2.5 to 2.5	Pass
					8.4	-3.762	-0.0054	-2.5 to 2.5	Pass
				-30	7.2	-3.190	-0.0046	-2.5 to 2.5	Pass
				-20	7.2	-1.731	-0.0025	-2.5 to 2.5	Pass
				-10	7.2	-1.316	-0.0019	-2.5 to 2.5	Pass
				0	7.2	-1.030	-0.0015	-2.5 to 2.5	Pass
				10	7.2	-1.016	-0.0015	-2.5 to 2.5	Pass
				30	7.2	-0.072	-0.0001	-2.5 to 2.5	Pass
				40	7.2	-0.958	-0.0014	-2.5 to 2.5	Pass
				50	7.2	-0.501	-0.0007	-2.5 to 2.5	Pass
	707.5	6	0	20	6.2	-5.822	-0.0082	-2.5 to 2.5	Pass
					7.2	-3.762	-0.0053	-2.5 to 2.5	Pass
					8.4	-2.189	-0.0031	-2.5 to 2.5	Pass
				-30	7.2	-2.131	-0.0030	-2.5 to 2.5	Pass
				-20	7.2	-0.257	-0.0004	-2.5 to 2.5	Pass
				-10	7.2	-0.772	-0.0011	-2.5 to 2.5	Pass
				0	7.2	-1.502	-0.0021	-2.5 to 2.5	Pass
				10	7.2	-1.216	-0.0017	-2.5 to 2.5	Pass
				30	7.2	-0.572	-0.0008	-2.5 to 2.5	Pass
				40	7.2	-0.930	-0.0013	-2.5 to 2.5	Pass
				50	7.2	-1.187	-0.0017	-2.5 to 2.5	Pass
	715.3	6	0	20	6.2	13.762	0.0192	-2.5 to 2.5	Pass
					7.2	6.766	0.0095	-2.5 to 2.5	Pass
					8.4	2.017	0.0028	-2.5 to 2.5	Pass
				-30	7.2	0.200	0.0003	-2.5 to 2.5	Pass
				-20	7.2	-1.316	-0.0018	-2.5 to 2.5	Pass
				-10	7.2	-1.101	-0.0015	-2.5 to 2.5	Pass
				0	7.2	-0.358	-0.0005	-2.5 to 2.5	Pass
				10	7.2	-0.215	-0.0003	-2.5 to 2.5	Pass
				30	7.2	-0.386	-0.0005	-2.5 to 2.5	Pass
				40	7.2	-1.760	-0.0025	-2.5 to 2.5	Pass
				50	7.2	-1.616	-0.0023	-2.5 to 2.5	Pass
16QAM	699.7	6	0	20	6.2	-1.860	-0.0027	-2.5 to 2.5	Pass
					7.2	-0.601	-0.0009	-2.5 to 2.5	Pass
					8.4	-1.059	-0.0015	-2.5 to 2.5	Pass
				-30	7.2	-0.658	-0.0009	-2.5 to 2.5	Pass
				-20	7.2	-0.315	-0.0005	-2.5 to 2.5	Pass
				-10	7.2	0.415	0.0006	-2.5 to 2.5	Pass
				0	7.2	0.129	0.0002	-2.5 to 2.5	Pass
				10	7.2	-0.801	-0.0011	-2.5 to 2.5	Pass
				30	7.2	-1.359	-0.0019	-2.5 to 2.5	Pass
				40	7.2	-0.901	-0.0013	-2.5 to 2.5	Pass
				50	7.2	-0.815	-0.0012	-2.5 to 2.5	Pass
	707.5	6	0	20	6.2	-0.315	-0.0004	-2.5 to 2.5	Pass
					7.2	-0.544	-0.0008	-2.5 to 2.5	Pass

					8.4	-0.486	-0.0007	-2.5 to 2.5	Pass
				-30	7.2	-0.858	-0.0012	-2.5 to 2.5	Pass
				-20	7.2	-0.930	-0.0013	-2.5 to 2.5	Pass
				-10	7.2	-0.172	-0.0002	-2.5 to 2.5	Pass
				0	7.2	-0.429	-0.0006	-2.5 to 2.5	Pass
				10	7.2	-1.202	-0.0017	-2.5 to 2.5	Pass
				30	7.2	-0.672	-0.0009	-2.5 to 2.5	Pass
				40	7.2	-0.014	0.0000	-2.5 to 2.5	Pass
				50	7.2	-0.844	-0.0012	-2.5 to 2.5	Pass
	715.3	6	0	20	6.2	-0.644	-0.0009	-2.5 to 2.5	Pass
					7.2	-0.916	-0.0013	-2.5 to 2.5	Pass
					8.4	-0.172	-0.0002	-2.5 to 2.5	Pass
				-30	7.2	-0.658	-0.0009	-2.5 to 2.5	Pass
				-20	7.2	-0.801	-0.0011	-2.5 to 2.5	Pass
				-10	7.2	-1.345	-0.0019	-2.5 to 2.5	Pass
				0	7.2	-0.286	-0.0004	-2.5 to 2.5	Pass
				10	7.2	-1.345	-0.0019	-2.5 to 2.5	Pass
				30	7.2	-0.615	-0.0009	-2.5 to 2.5	Pass
				40	7.2	-1.001	-0.0014	-2.5 to 2.5	Pass
				50	7.2	-0.830	-0.0012	-2.5 to 2.5	Pass

2.1.2 B12_3MHz

Band: 12 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	700.5	15	0	20	6.2	0.916	0.0013	-2.5 to 2.5	Pass
					7.2	1.187	0.0017	-2.5 to 2.5	Pass
					8.4	1.259	0.0018	-2.5 to 2.5	Pass
				-30	7.2	1.259	0.0018	-2.5 to 2.5	Pass
				-20	7.2	0.215	0.0003	-2.5 to 2.5	Pass
				-10	7.2	0.272	0.0004	-2.5 to 2.5	Pass
				0	7.2	1.860	0.0027	-2.5 to 2.5	Pass
				10	7.2	1.245	0.0018	-2.5 to 2.5	Pass
				30	7.2	0.772	0.0011	-2.5 to 2.5	Pass
				40	7.2	1.688	0.0024	-2.5 to 2.5	Pass
				50	7.2	2.160	0.0031	-2.5 to 2.5	Pass
	707.5	15	0	20	6.2	1.159	0.0016	-2.5 to 2.5	Pass
					7.2	1.616	0.0023	-2.5 to 2.5	Pass
					8.4	1.073	0.0015	-2.5 to 2.5	Pass
				-30	7.2	1.602	0.0023	-2.5 to 2.5	Pass
				-20	7.2	0.858	0.0012	-2.5 to 2.5	Pass
				-10	7.2	2.017	0.0029	-2.5 to 2.5	Pass
				0	7.2	1.645	0.0023	-2.5 to 2.5	Pass
				10	7.2	1.931	0.0027	-2.5 to 2.5	Pass
				30	7.2	2.117	0.0030	-2.5 to 2.5	Pass
				40	7.2	2.704	0.0038	-2.5 to 2.5	Pass
				50	7.2	2.704	0.0038	-2.5 to 2.5	Pass
	714.5	15	0	20	6.2	1.059	0.0015	-2.5 to 2.5	Pass
					7.2	1.945	0.0027	-2.5 to 2.5	Pass
					8.4	1.831	0.0026	-2.5 to 2.5	Pass
				-30	7.2	2.446	0.0034	-2.5 to 2.5	Pass
				-20	7.2	2.575	0.0036	-2.5 to 2.5	Pass
				-10	7.2	2.718	0.0038	-2.5 to 2.5	Pass
				0	7.2	2.718	0.0038	-2.5 to 2.5	Pass
				10	7.2	2.575	0.0036	-2.5 to 2.5	Pass
				30	7.2	2.160	0.0030	-2.5 to 2.5	Pass

				40	7.2	3.848	0.0054	-2.5 to 2.5	Pass
				50	7.2	3.347	0.0047	-2.5 to 2.5	Pass
16QAM	700.5	15	0	20	6.2	1.674	0.0024	-2.5 to 2.5	Pass
					7.2	1.702	0.0024	-2.5 to 2.5	Pass
					8.4	2.518	0.0036	-2.5 to 2.5	Pass
				-30	7.2	2.503	0.0036	-2.5 to 2.5	Pass
				-20	7.2	1.774	0.0025	-2.5 to 2.5	Pass
				-10	7.2	1.316	0.0019	-2.5 to 2.5	Pass
				0	7.2	1.788	0.0026	-2.5 to 2.5	Pass
				10	7.2	0.758	0.0011	-2.5 to 2.5	Pass
				30	7.2	0.944	0.0013	-2.5 to 2.5	Pass
				40	7.2	1.545	0.0022	-2.5 to 2.5	Pass
				50	7.2	1.373	0.0020	-2.5 to 2.5	Pass
	707.5	15	0	20	6.2	3.591	0.0051	-2.5 to 2.5	Pass
					7.2	3.490	0.0049	-2.5 to 2.5	Pass
					8.4	2.189	0.0031	-2.5 to 2.5	Pass
				-30	7.2	1.702	0.0024	-2.5 to 2.5	Pass
				-20	7.2	1.416	0.0020	-2.5 to 2.5	Pass
				-10	7.2	0.672	0.0009	-2.5 to 2.5	Pass
				0	7.2	1.473	0.0021	-2.5 to 2.5	Pass
				10	7.2	1.760	0.0025	-2.5 to 2.5	Pass
				30	7.2	1.459	0.0021	-2.5 to 2.5	Pass
				40	7.2	1.087	0.0015	-2.5 to 2.5	Pass
				50	7.2	0.958	0.0014	-2.5 to 2.5	Pass
	714.5	15	0	20	6.2	2.775	0.0039	-2.5 to 2.5	Pass
					7.2	2.532	0.0035	-2.5 to 2.5	Pass
					8.4	2.189	0.0031	-2.5 to 2.5	Pass
				-30	7.2	2.446	0.0034	-2.5 to 2.5	Pass
				-20	7.2	1.359	0.0019	-2.5 to 2.5	Pass
				-10	7.2	1.473	0.0021	-2.5 to 2.5	Pass
				0	7.2	1.645	0.0023	-2.5 to 2.5	Pass
				10	7.2	2.532	0.0035	-2.5 to 2.5	Pass
				30	7.2	1.731	0.0024	-2.5 to 2.5	Pass
				40	7.2	3.405	0.0048	-2.5 to 2.5	Pass
				50	7.2	3.147	0.0044	-2.5 to 2.5	Pass

2.1.3 B12_5MHz

Band: 12 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	701.5	25	0	20	6.2	0.873	0.0012	-2.5 to 2.5	Pass
					7.2	0.501	0.0007	-2.5 to 2.5	Pass
					8.4	0.401	0.0006	-2.5 to 2.5	Pass
				-30	7.2	0.758	0.0011	-2.5 to 2.5	Pass
				-20	7.2	0.415	0.0006	-2.5 to 2.5	Pass
				-10	7.2	0.315	0.0004	-2.5 to 2.5	Pass
				0	7.2	1.445	0.0021	-2.5 to 2.5	Pass
				10	7.2	1.316	0.0019	-2.5 to 2.5	Pass
				30	7.2	0.830	0.0012	-2.5 to 2.5	Pass
				40	7.2	0.772	0.0011	-2.5 to 2.5	Pass
				50	7.2	0.858	0.0012	-2.5 to 2.5	Pass
	707.5	25	0	20	6.2	0.558	0.0008	-2.5 to 2.5	Pass
					7.2	0.443	0.0006	-2.5 to 2.5	Pass
					8.4	1.130	0.0016	-2.5 to 2.5	Pass
				-30	7.2	1.073	0.0015	-2.5 to 2.5	Pass
				-20	7.2	1.388	0.0020	-2.5 to 2.5	Pass

				-10	7.2	1.488	0.0021	-2.5 to 2.5	Pass
				0	7.2	2.332	0.0033	-2.5 to 2.5	Pass
				10	7.2	2.060	0.0029	-2.5 to 2.5	Pass
				30	7.2	2.918	0.0041	-2.5 to 2.5	Pass
				40	7.2	2.589	0.0037	-2.5 to 2.5	Pass
				50	7.2	3.519	0.0050	-2.5 to 2.5	Pass
	713.5	25	0	20	6.2	0.200	0.0003	-2.5 to 2.5	Pass
					7.2	0.172	0.0002	-2.5 to 2.5	Pass
					8.4	0.672	0.0009	-2.5 to 2.5	Pass
				-30	7.2	0.787	0.0011	-2.5 to 2.5	Pass
				-20	7.2	-0.243	-0.0003	-2.5 to 2.5	Pass
				-10	7.2	0.629	0.0009	-2.5 to 2.5	Pass
				0	7.2	1.101	0.0015	-2.5 to 2.5	Pass
				10	7.2	0.486	0.0007	-2.5 to 2.5	Pass
				30	7.2	0.601	0.0008	-2.5 to 2.5	Pass
				40	7.2	1.101	0.0015	-2.5 to 2.5	Pass
				50	7.2	1.159	0.0016	-2.5 to 2.5	Pass
16QAM	701.5	25	0	20	6.2	0.844	0.0012	-2.5 to 2.5	Pass
					7.2	0.887	0.0013	-2.5 to 2.5	Pass
					8.4	0.887	0.0013	-2.5 to 2.5	Pass
				-30	7.2	1.974	0.0028	-2.5 to 2.5	Pass
				-20	7.2	2.632	0.0038	-2.5 to 2.5	Pass
				-10	7.2	2.775	0.0040	-2.5 to 2.5	Pass
				0	7.2	3.247	0.0046	-2.5 to 2.5	Pass
				10	7.2	2.375	0.0034	-2.5 to 2.5	Pass
				30	7.2	1.431	0.0020	-2.5 to 2.5	Pass
				40	7.2	1.373	0.0020	-2.5 to 2.5	Pass
				50	7.2	0.157	0.0002	-2.5 to 2.5	Pass
	707.5	25	0	20	6.2	1.874	0.0026	-2.5 to 2.5	Pass
					7.2	1.416	0.0020	-2.5 to 2.5	Pass
					8.4	1.588	0.0022	-2.5 to 2.5	Pass
				-30	7.2	0.372	0.0005	-2.5 to 2.5	Pass
				-20	7.2	0.544	0.0008	-2.5 to 2.5	Pass
				-10	7.2	0.515	0.0007	-2.5 to 2.5	Pass
				0	7.2	1.502	0.0021	-2.5 to 2.5	Pass
				10	7.2	0.858	0.0012	-2.5 to 2.5	Pass
				30	7.2	0.772	0.0011	-2.5 to 2.5	Pass
				40	7.2	1.202	0.0017	-2.5 to 2.5	Pass
				50	7.2	0.744	0.0011	-2.5 to 2.5	Pass
	713.5	25	0	20	6.2	1.230	0.0017	-2.5 to 2.5	Pass
					7.2	2.131	0.0030	-2.5 to 2.5	Pass
					8.4	2.646	0.0037	-2.5 to 2.5	Pass
				-30	7.2	3.018	0.0042	-2.5 to 2.5	Pass
				-20	7.2	2.933	0.0041	-2.5 to 2.5	Pass
				-10	7.2	1.502	0.0021	-2.5 to 2.5	Pass
				0	7.2	1.416	0.0020	-2.5 to 2.5	Pass
				10	7.2	1.116	0.0016	-2.5 to 2.5	Pass
				30	7.2	0.930	0.0013	-2.5 to 2.5	Pass
				40	7.2	1.245	0.0017	-2.5 to 2.5	Pass
				50	7.2	1.316	0.0018	-2.5 to 2.5	Pass

2.1.4 B12_10MHz

Band: 12 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	704	50	0	20	6.2	2.046	0.0029	-2.5 to 2.5	Pass

					7.2	1.702	0.0024	-2.5 to 2.5	Pass
					8.4	1.087	0.0015	-2.5 to 2.5	Pass
				-30	7.2	0.901	0.0013	-2.5 to 2.5	Pass
				-20	7.2	1.216	0.0017	-2.5 to 2.5	Pass
				-10	7.2	-0.100	-0.0001	-2.5 to 2.5	Pass
				0	7.2	0.772	0.0011	-2.5 to 2.5	Pass
				10	7.2	-0.114	-0.0002	-2.5 to 2.5	Pass
				30	7.2	0.057	0.0001	-2.5 to 2.5	Pass
				40	7.2	-0.029	0.0000	-2.5 to 2.5	Pass
				50	7.2	1.445	0.0021	-2.5 to 2.5	Pass
	707.5	50	0	20	6.2	0.343	0.0005	-2.5 to 2.5	Pass
					7.2	-0.257	-0.0004	-2.5 to 2.5	Pass
					8.4	0.129	0.0002	-2.5 to 2.5	Pass
				-30	7.2	0.343	0.0005	-2.5 to 2.5	Pass
				-20	7.2	-0.186	-0.0003	-2.5 to 2.5	Pass
				-10	7.2	-0.329	-0.0005	-2.5 to 2.5	Pass
				0	7.2	0.443	0.0006	-2.5 to 2.5	Pass
				10	7.2	0.114	0.0002	-2.5 to 2.5	Pass
				30	7.2	-0.143	-0.0002	-2.5 to 2.5	Pass
				40	7.2	0.343	0.0005	-2.5 to 2.5	Pass
				50	7.2	0.558	0.0008	-2.5 to 2.5	Pass
	711	50	0	20	6.2	0.629	0.0009	-2.5 to 2.5	Pass
					7.2	0.100	0.0001	-2.5 to 2.5	Pass
					8.4	1.173	0.0016	-2.5 to 2.5	Pass
				-30	7.2	0.300	0.0004	-2.5 to 2.5	Pass
				-20	7.2	-0.114	-0.0002	-2.5 to 2.5	Pass
				-10	7.2	0.100	0.0001	-2.5 to 2.5	Pass
				0	7.2	-0.558	-0.0008	-2.5 to 2.5	Pass
				10	7.2	-1.230	-0.0017	-2.5 to 2.5	Pass
				30	7.2	-1.001	-0.0014	-2.5 to 2.5	Pass
				40	7.2	-0.458	-0.0006	-2.5 to 2.5	Pass
				50	7.2	-0.129	-0.0002	-2.5 to 2.5	Pass
16QAM	704	50	0	20	6.2	0.401	0.0006	-2.5 to 2.5	Pass
					7.2	1.516	0.0022	-2.5 to 2.5	Pass
					8.4	0.257	0.0004	-2.5 to 2.5	Pass
				-30	7.2	0.944	0.0013	-2.5 to 2.5	Pass
				-20	7.2	1.402	0.0020	-2.5 to 2.5	Pass
				-10	7.2	1.788	0.0025	-2.5 to 2.5	Pass
				0	7.2	1.817	0.0026	-2.5 to 2.5	Pass
				10	7.2	1.059	0.0015	-2.5 to 2.5	Pass
				30	7.2	1.788	0.0025	-2.5 to 2.5	Pass
				40	7.2	1.531	0.0022	-2.5 to 2.5	Pass
				50	7.2	0.529	0.0008	-2.5 to 2.5	Pass
	707.5	50	0	20	6.2	0.343	0.0005	-2.5 to 2.5	Pass
					7.2	0.501	0.0007	-2.5 to 2.5	Pass
					8.4	-0.358	-0.0005	-2.5 to 2.5	Pass
				-30	7.2	-0.043	-0.0001	-2.5 to 2.5	Pass
				-20	7.2	-0.157	-0.0002	-2.5 to 2.5	Pass
				-10	7.2	0.014	0.0000	-2.5 to 2.5	Pass
				0	7.2	-0.200	-0.0003	-2.5 to 2.5	Pass
				10	7.2	-0.544	-0.0008	-2.5 to 2.5	Pass
				30	7.2	1.059	0.0015	-2.5 to 2.5	Pass
				40	7.2	0.973	0.0014	-2.5 to 2.5	Pass
				50	7.2	1.130	0.0016	-2.5 to 2.5	Pass
	711	50	0	20	6.2	-0.601	-0.0008	-2.5 to 2.5	Pass
					7.2	0.758	0.0011	-2.5 to 2.5	Pass
					8.4	-0.229	-0.0003	-2.5 to 2.5	Pass
				-30	7.2	0.229	0.0003	-2.5 to 2.5	Pass
				-20	7.2	-1.144	-0.0016	-2.5 to 2.5	Pass

				-10	7.2	0.043	0.0001	-2.5 to 2.5	Pass
				0	7.2	-1.230	-0.0017	-2.5 to 2.5	Pass
				10	7.2	0.029	0.0000	-2.5 to 2.5	Pass
				30	7.2	-0.629	-0.0009	-2.5 to 2.5	Pass
				40	7.2	-1.245	-0.0018	-2.5 to 2.5	Pass
				50	7.2	-0.644	-0.0009	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band12_OBW

Band: 12 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	699.7	6	0	1.106	/	Pass
		707.5	6	0	1.101	/	Pass
		715.3	6	0	1.101	/	Pass
	16QAM	699.7	6	0	1.112	/	Pass
		707.5	6	0	1.104	/	Pass
		715.3	6	0	1.115	/	Pass
3	QPSK	700.5	15	0	2.729	/	Pass
		707.5	15	0	2.719	/	Pass
		714.5	15	0	2.719	/	Pass
	16QAM	700.5	15	0	2.719	/	Pass
		707.5	15	0	2.725	/	Pass
		714.5	15	0	2.721	/	Pass
5	QPSK	701.5	25	0	4.548	/	Pass
		707.5	25	0	4.534	/	Pass
		713.5	25	0	4.531	/	Pass
	16QAM	701.5	25	0	4.531	/	Pass
		707.5	25	0	4.541	/	Pass
		713.5	25	0	4.554	/	Pass
10	QPSK	704	50	0	9.063	/	Pass
		707.5	50	0	9.028	/	Pass
		711	50	0	9.042	/	Pass
	16QAM	704	50	0	9.028	/	Pass
		707.5	50	0	9.016	/	Pass
		711	50	0	9.028	/	Pass

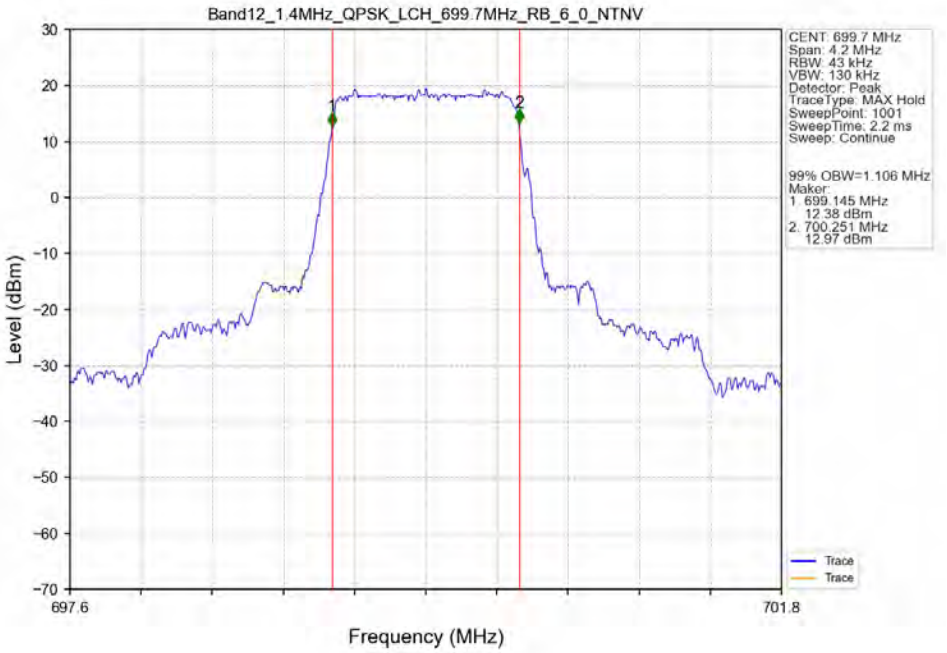
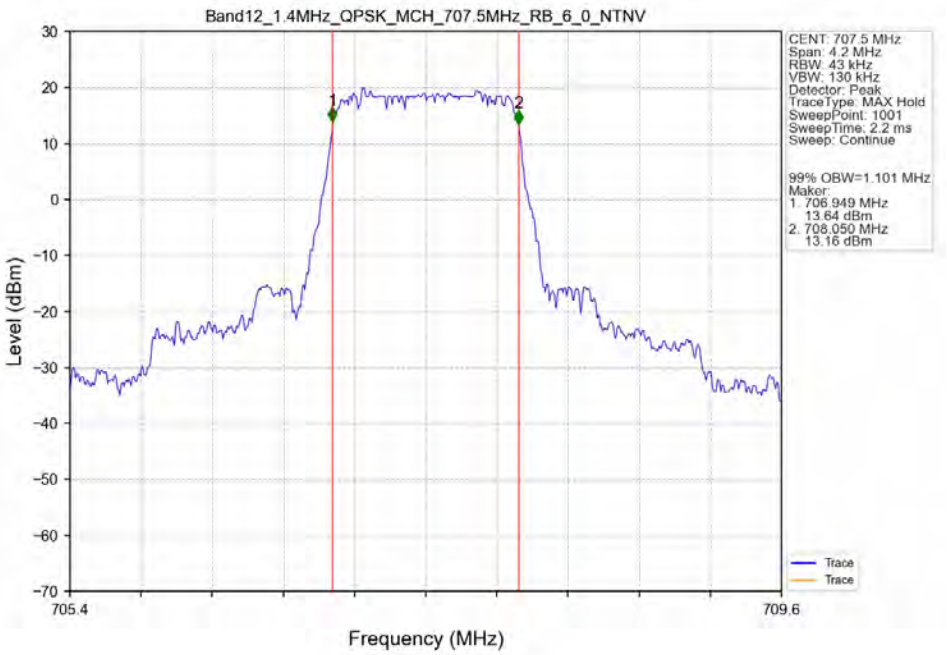
3.1.2 Band12_XDB

Band: 12 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	699.7	6	0	1.304	/	Pass
		707.5	6	0	1.304	/	Pass
		715.3	6	0	1.320	/	Pass
	16QAM	699.7	6	0	1.314	/	Pass
		707.5	6	0	1.298	/	Pass
		715.3	6	0	1.309	/	Pass
3	QPSK	700.5	15	0	3.028	/	Pass
		707.5	15	0	3.009	/	Pass
		714.5	15	0	3.008	/	Pass
	16QAM	700.5	15	0	2.996	/	Pass
		707.5	15	0	3.008	/	Pass
		714.5	15	0	3.022	/	Pass
5	QPSK	701.5	25	0	5.068	/	Pass
		707.5	25	0	5.083	/	Pass
		713.5	25	0	5.044	/	Pass

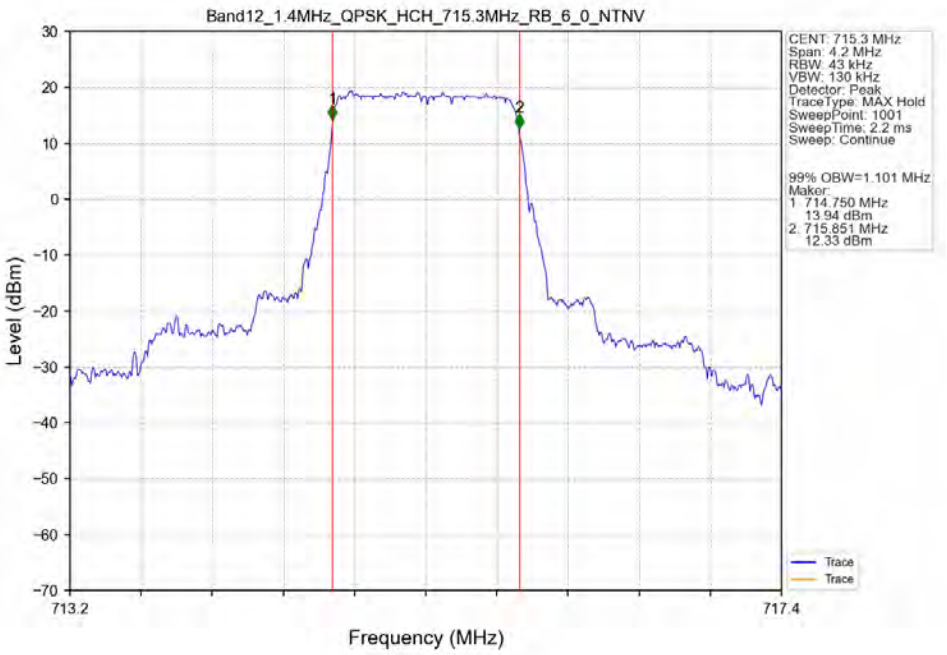
	16QAM	701.5	25	0	5.035	/	Pass
		707.5	25	0	5.048	/	Pass
		713.5	25	0	5.087	/	Pass
10	QPSK	704	50	0	10.031	/	Pass
		707.5	50	0	10.015	/	Pass
		711	50	0	10.016	/	Pass
	16QAM	704	50	0	9.931	/	Pass
		707.5	50	0	9.951	/	Pass
		711	50	0	10.026	/	Pass

3.2 Test Graph

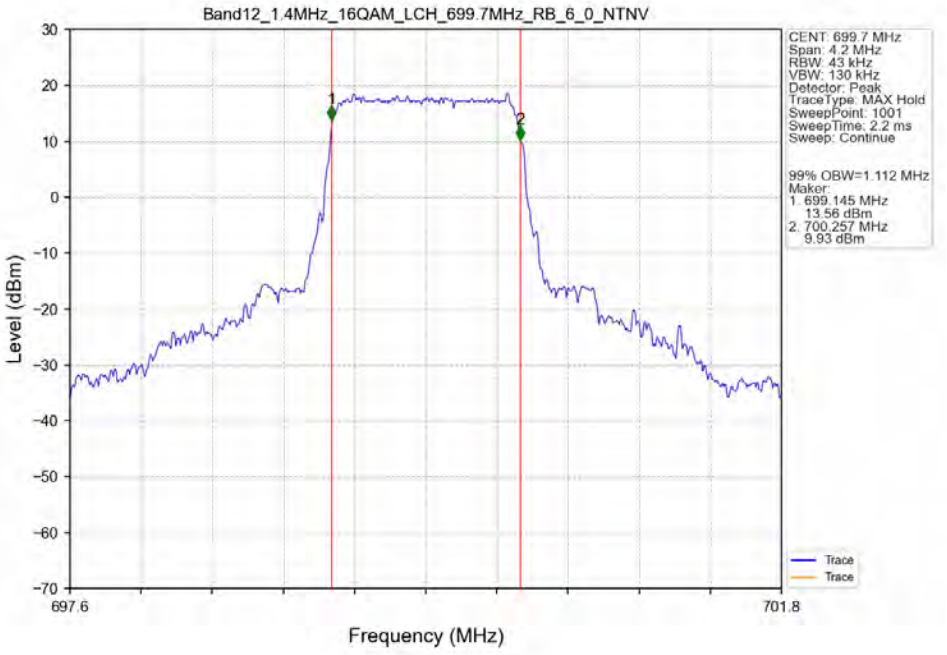
3.2.1 Band12_OBW

Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV

Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_6_0_NTNV


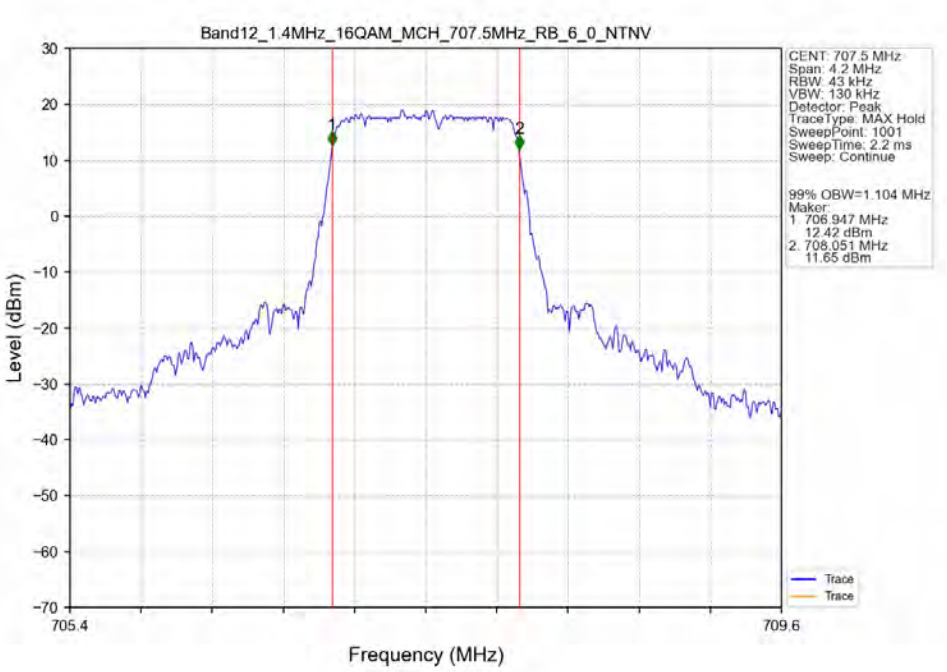
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



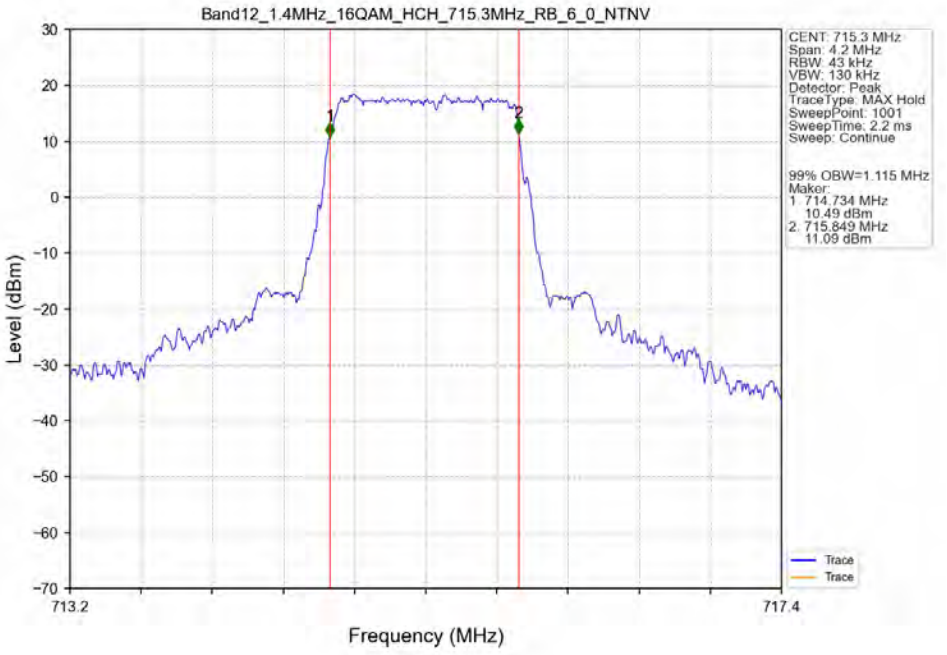
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



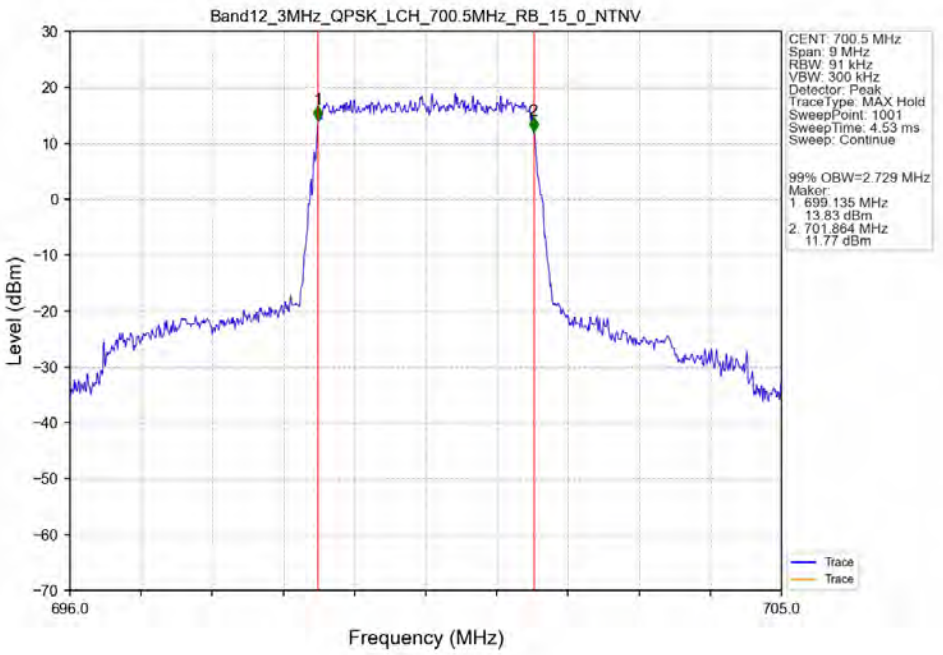
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



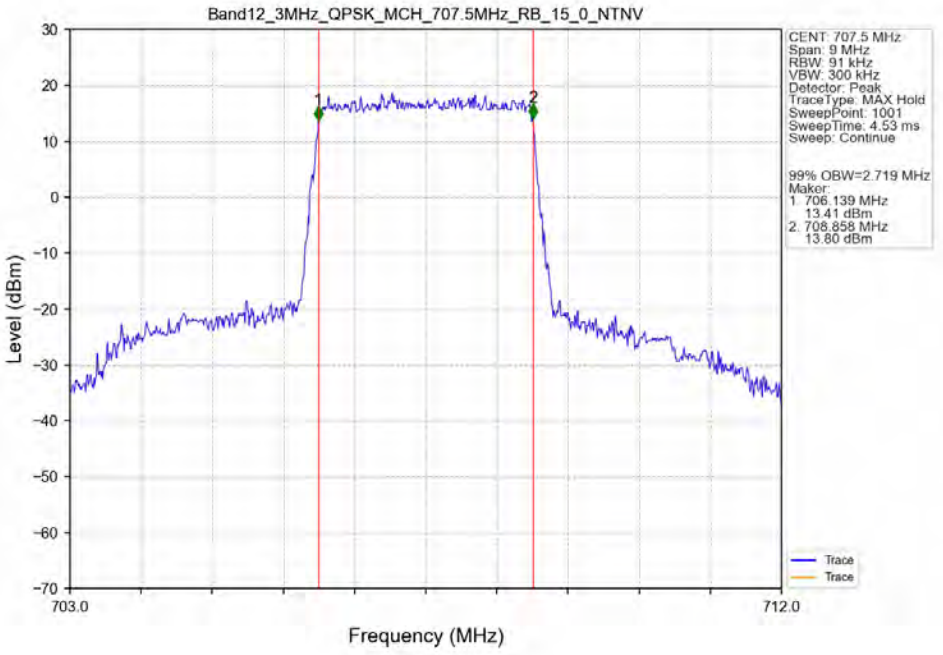
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



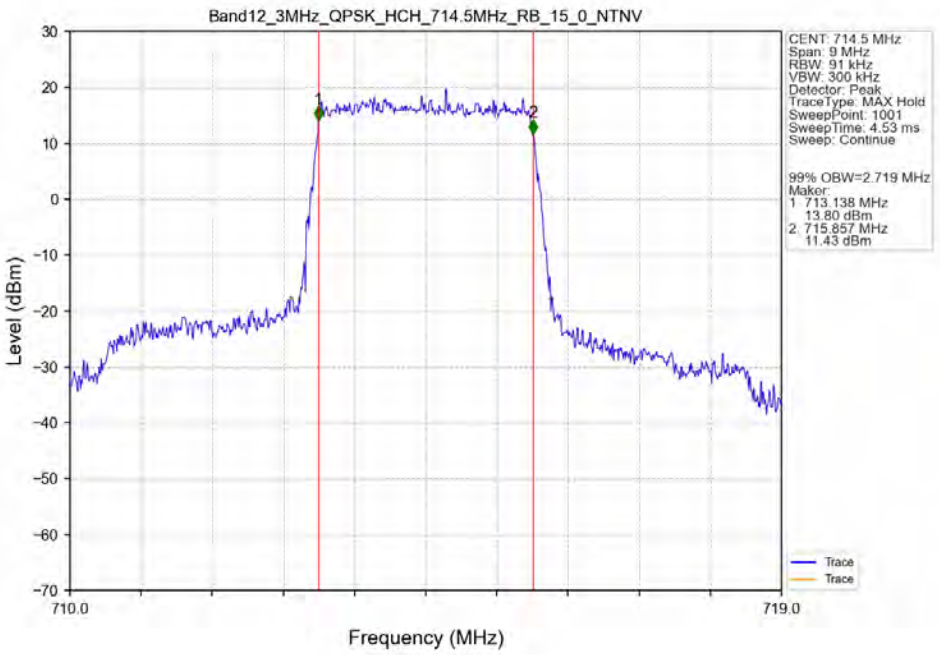
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



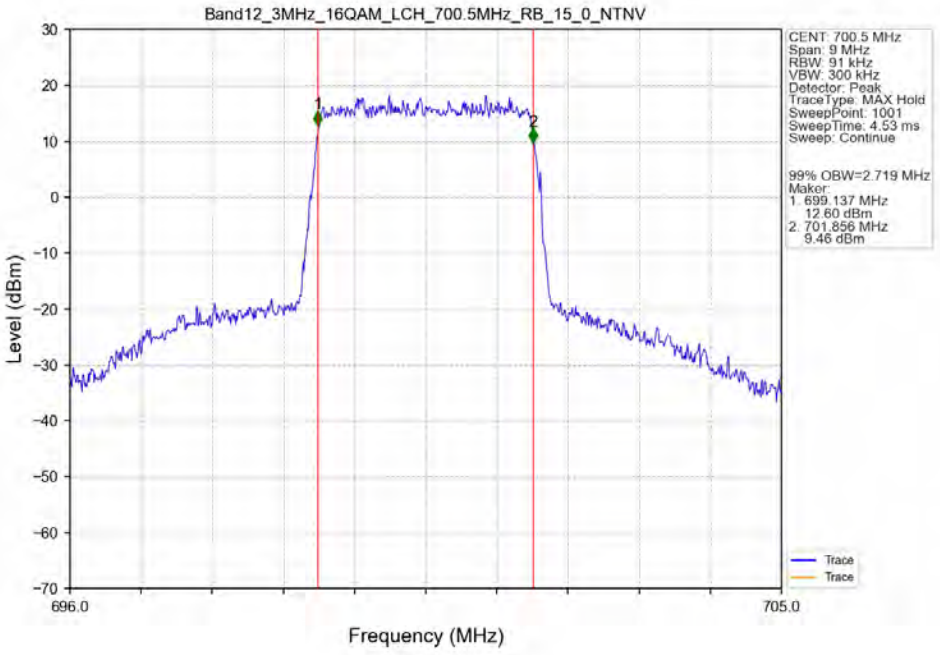
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



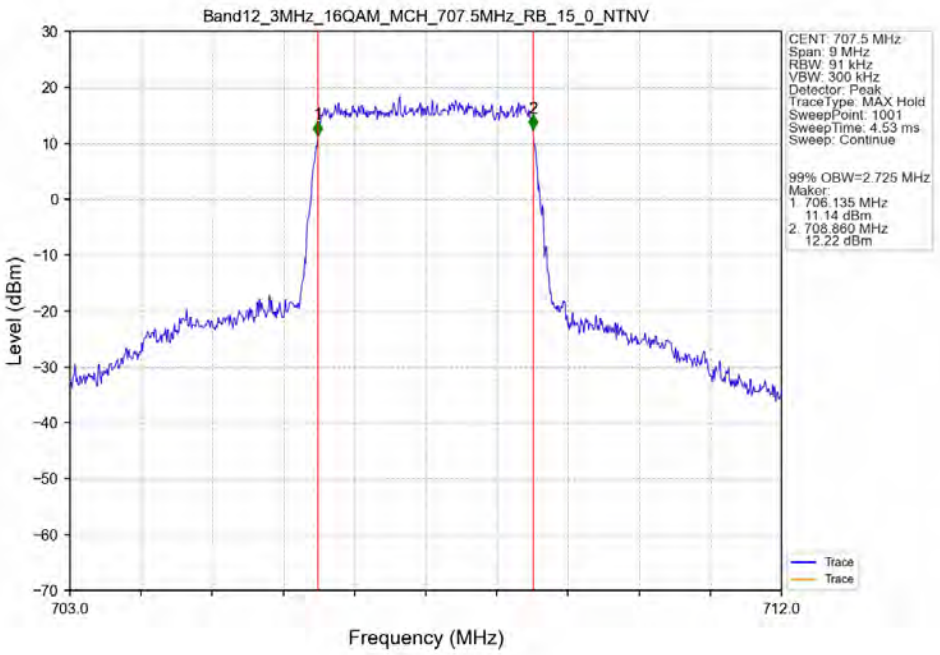
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



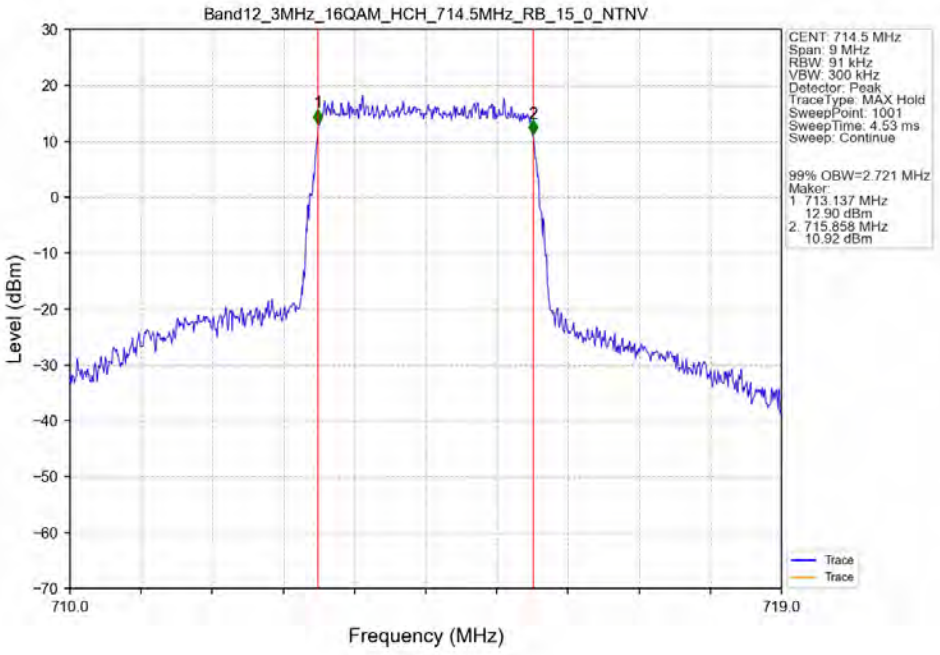
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



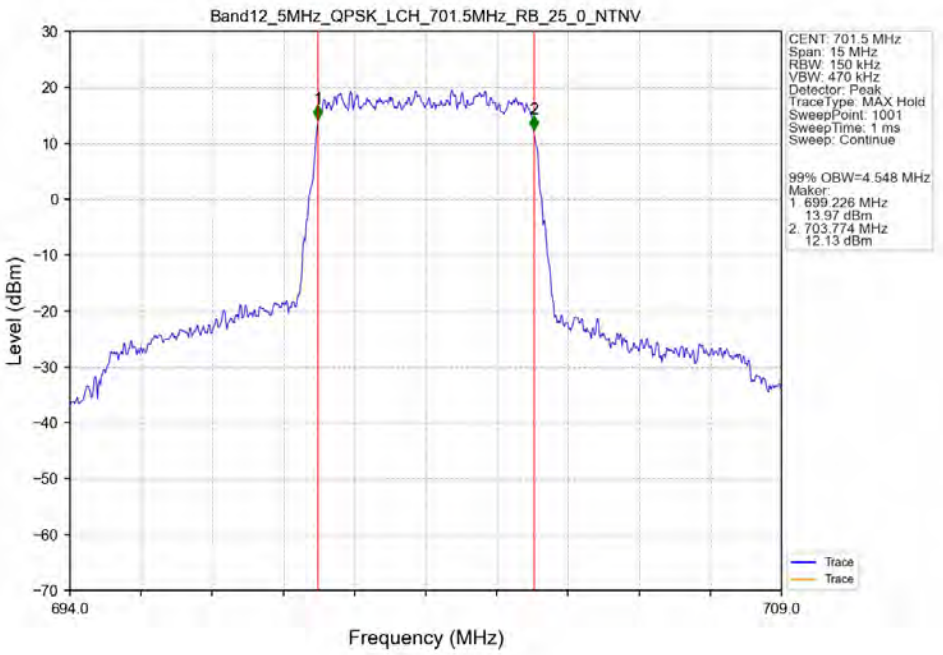
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



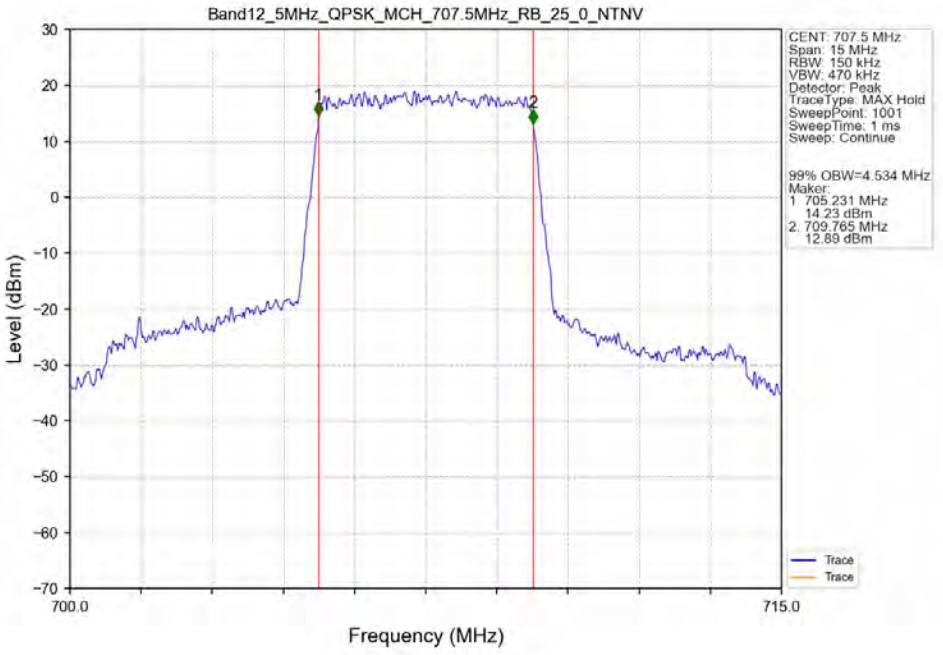
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



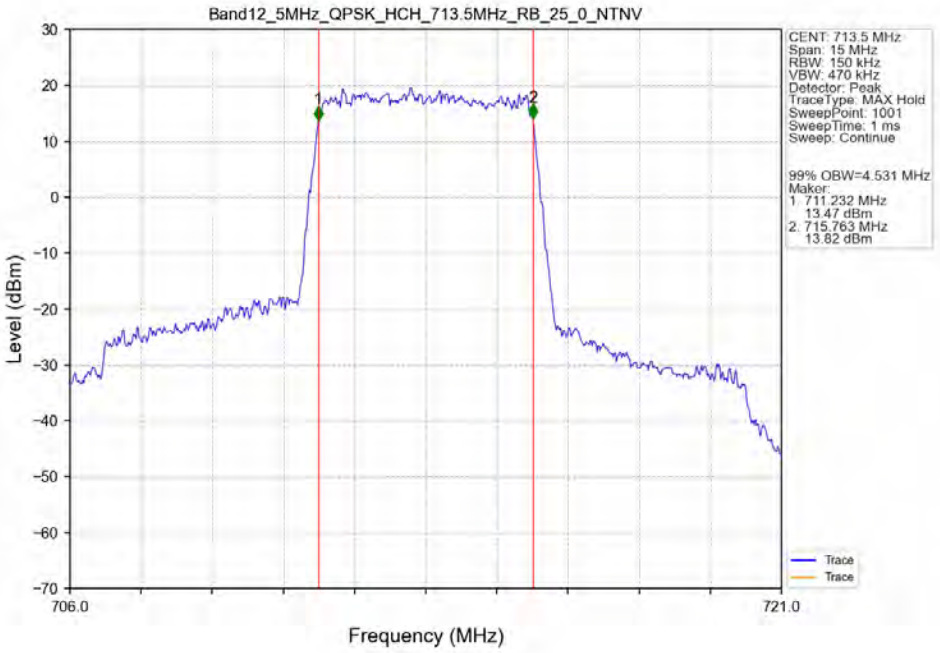
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



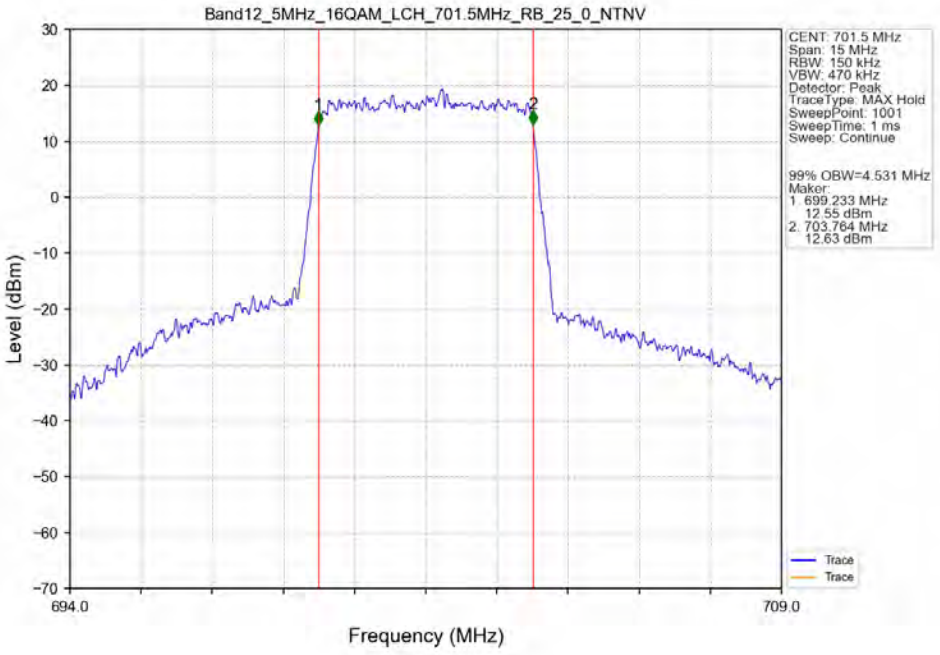
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



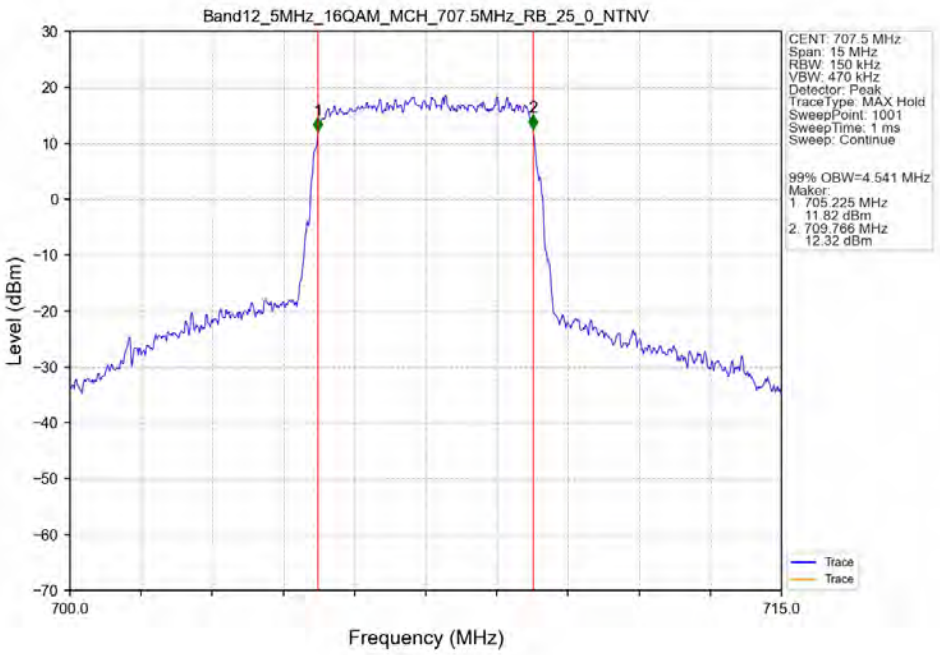
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



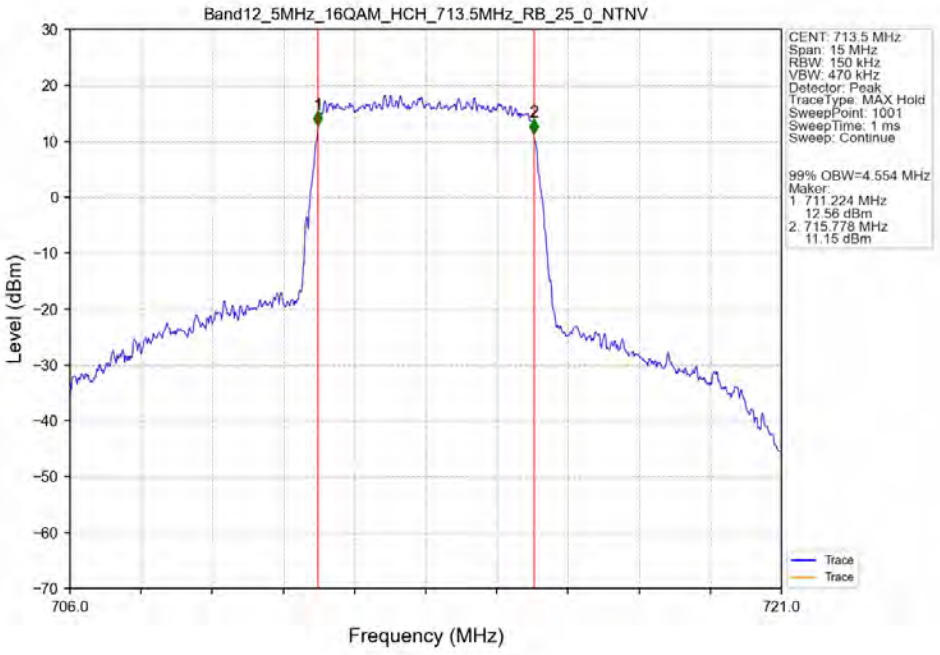
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



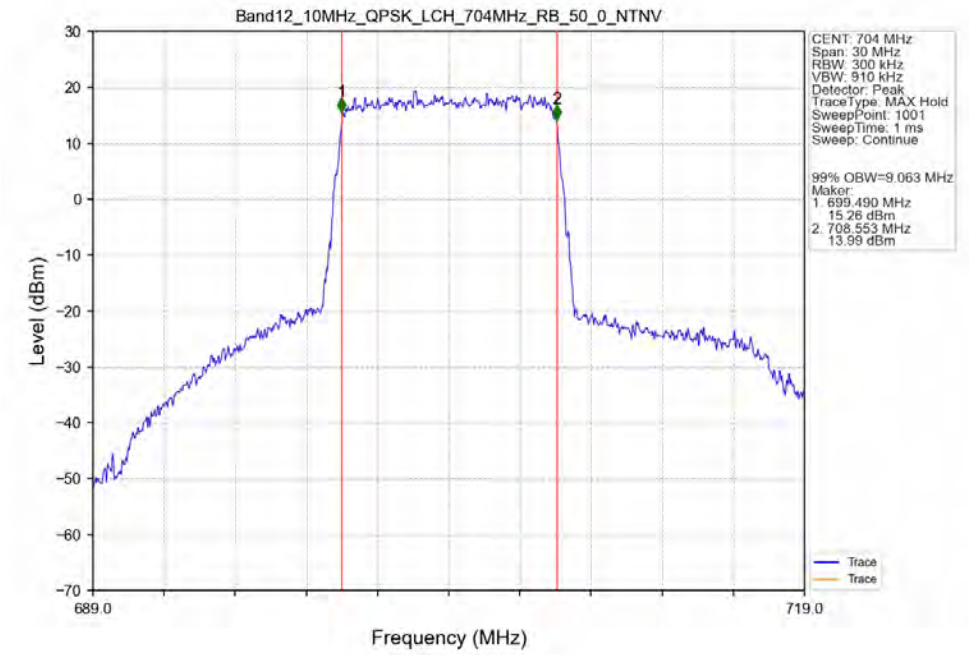
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



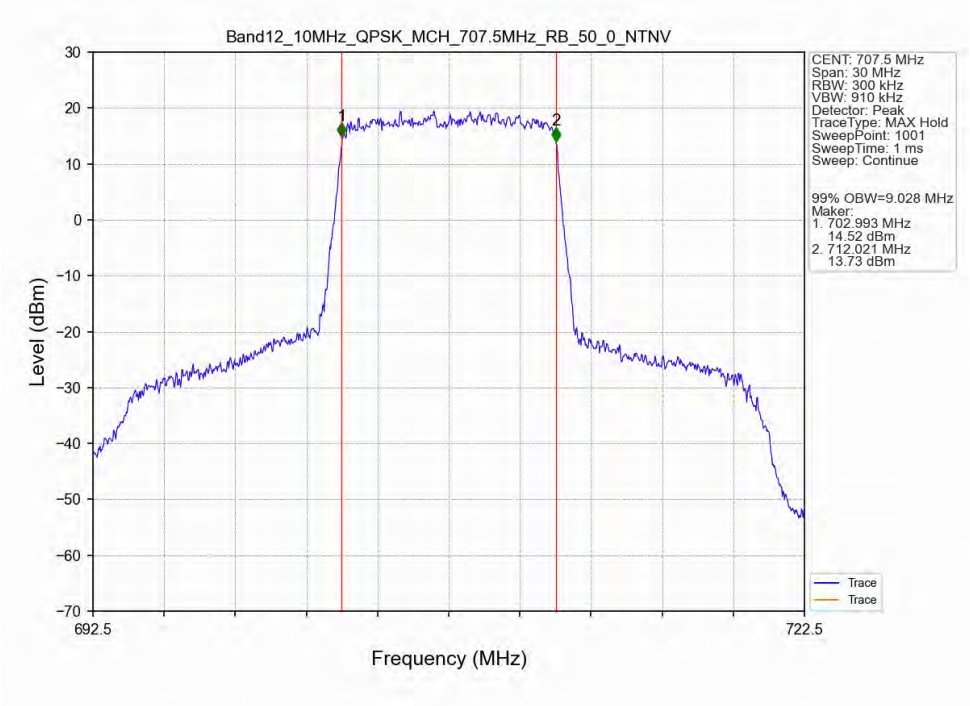
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



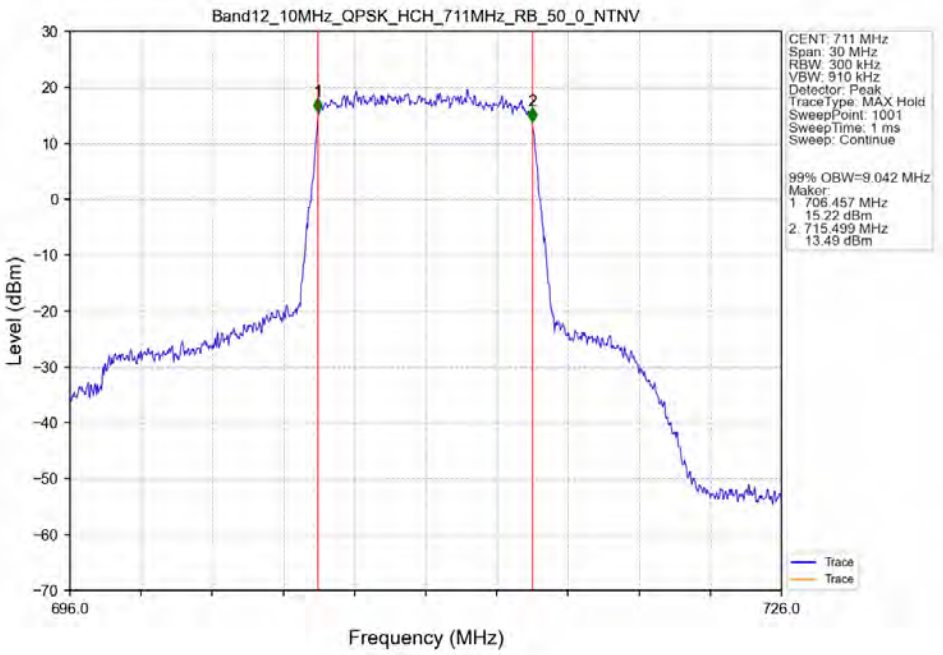
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



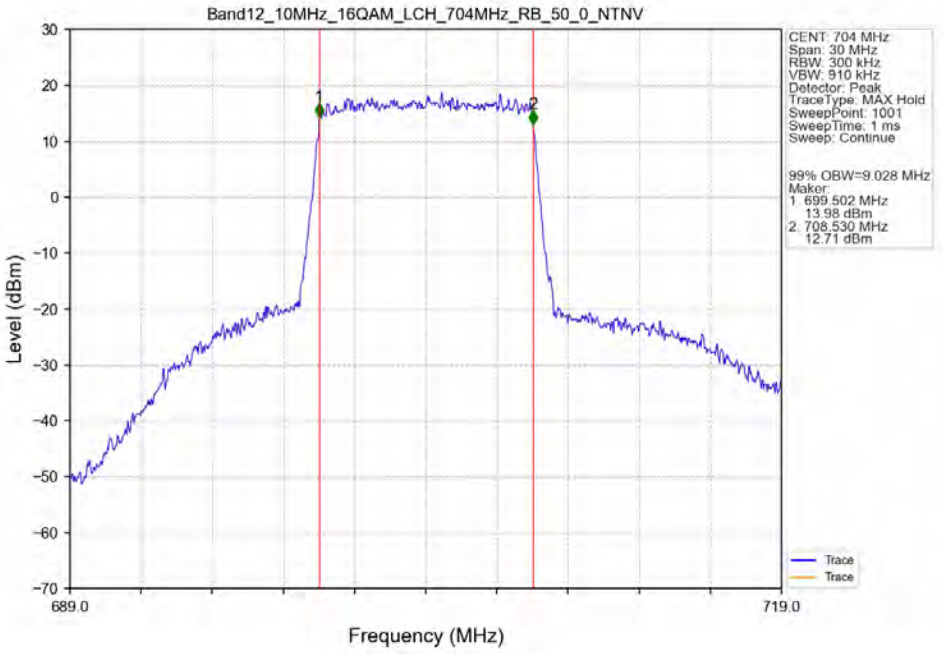
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



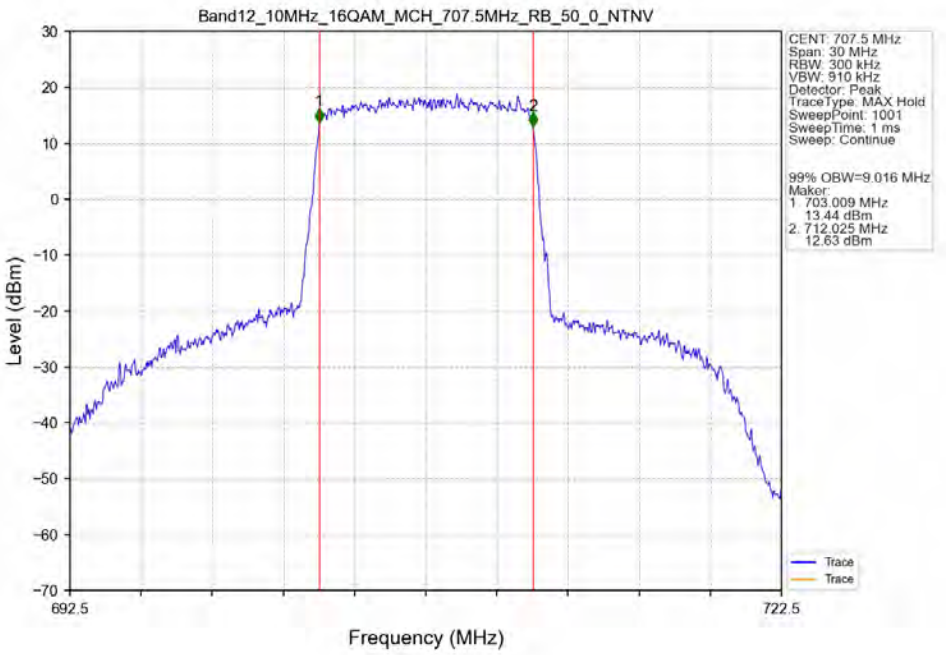
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



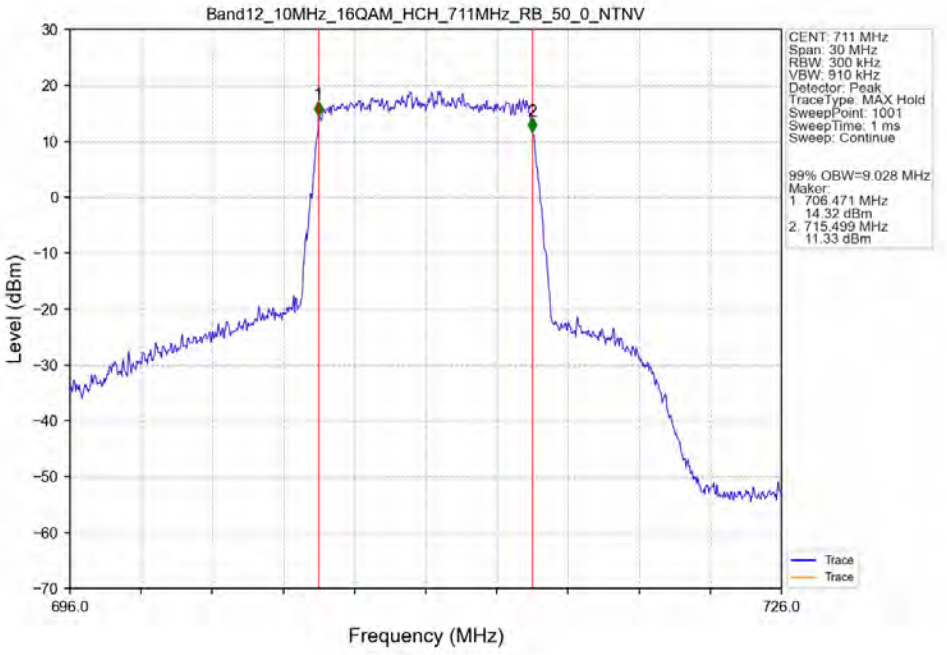
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



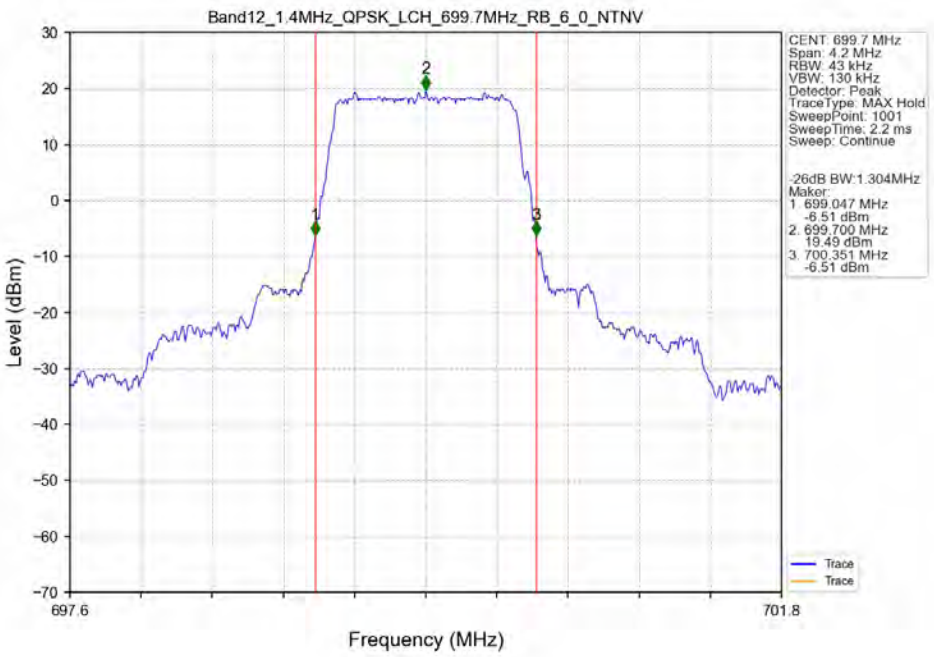
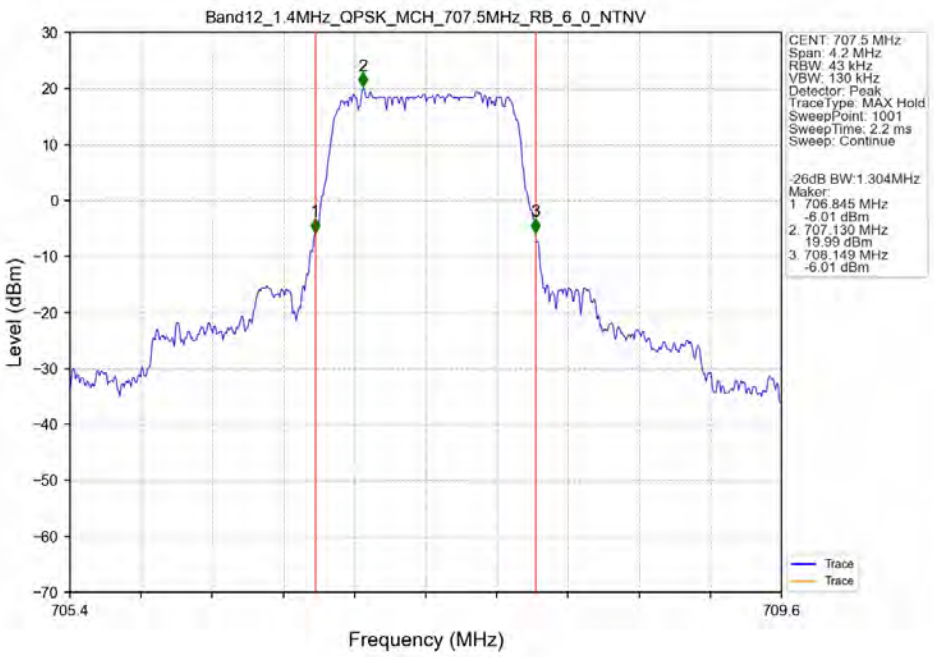
Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV

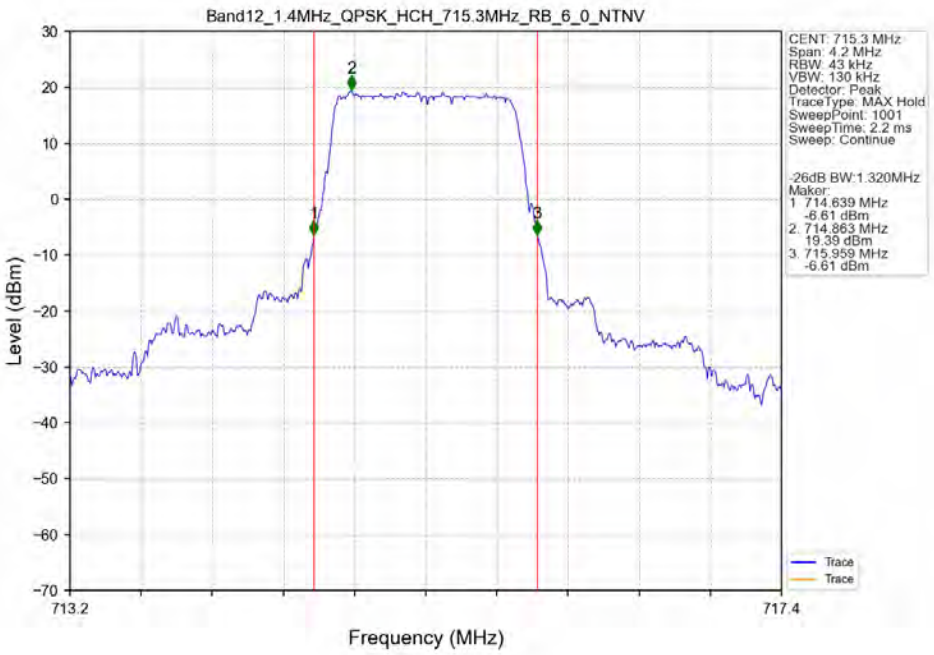


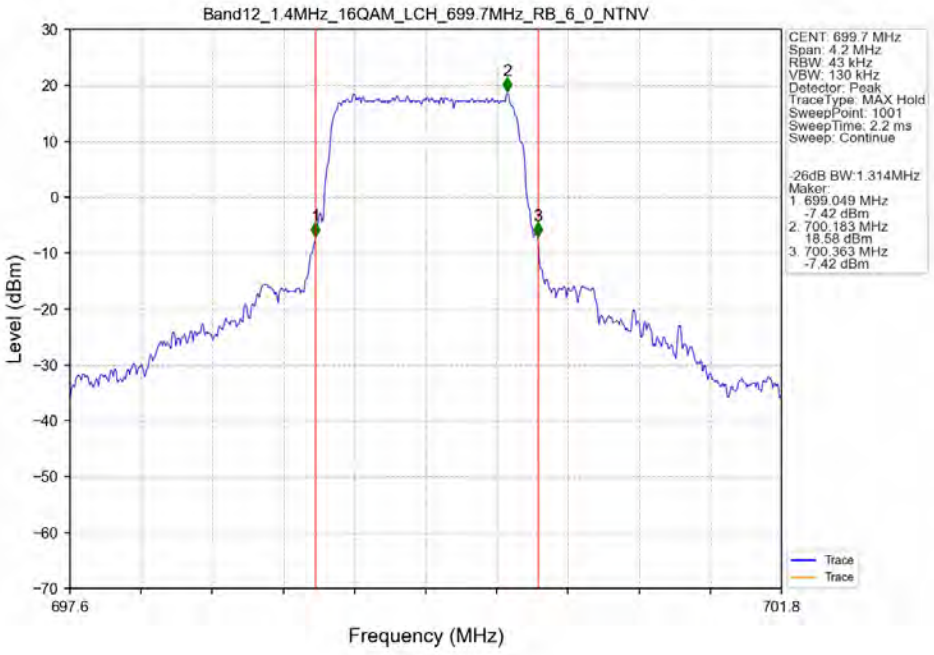
Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



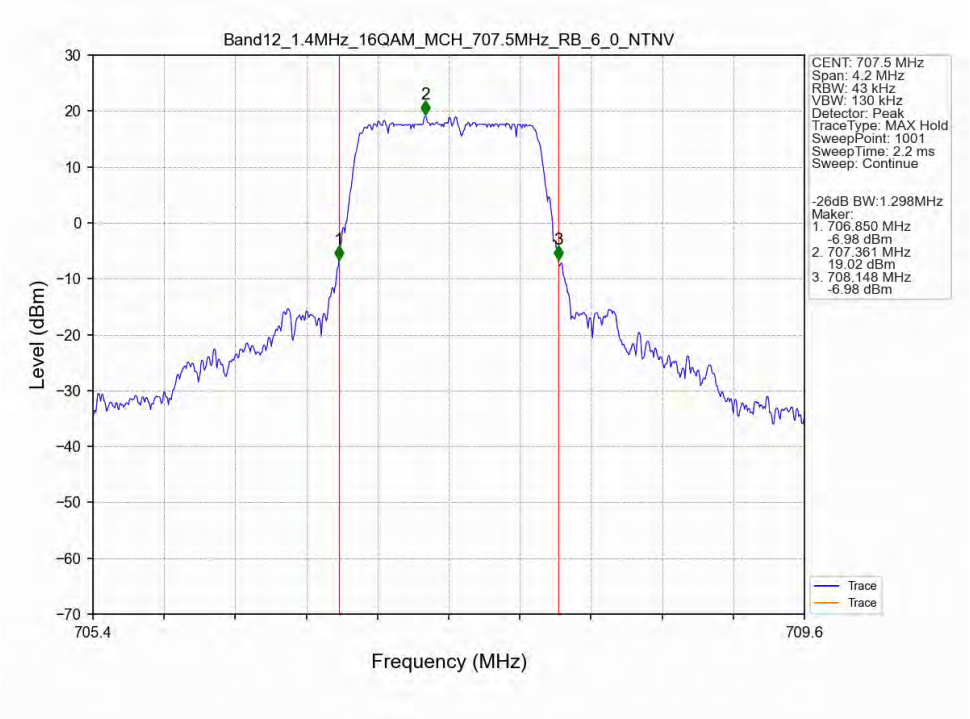
3.2.2 Band12_XDB

Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV

Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_6_0_NTNV


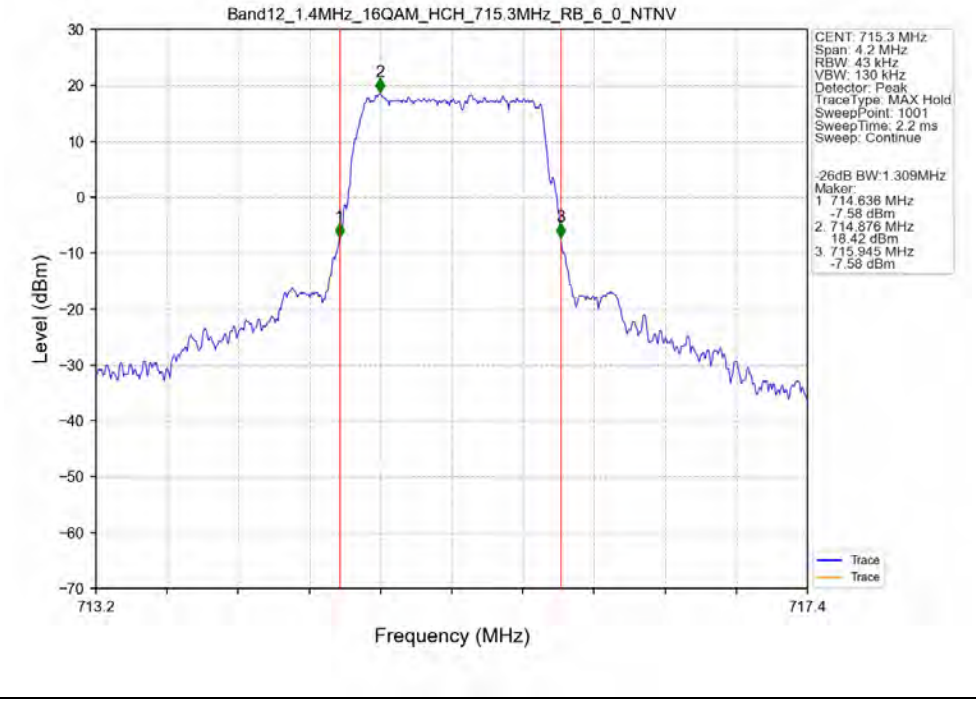
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV


Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV


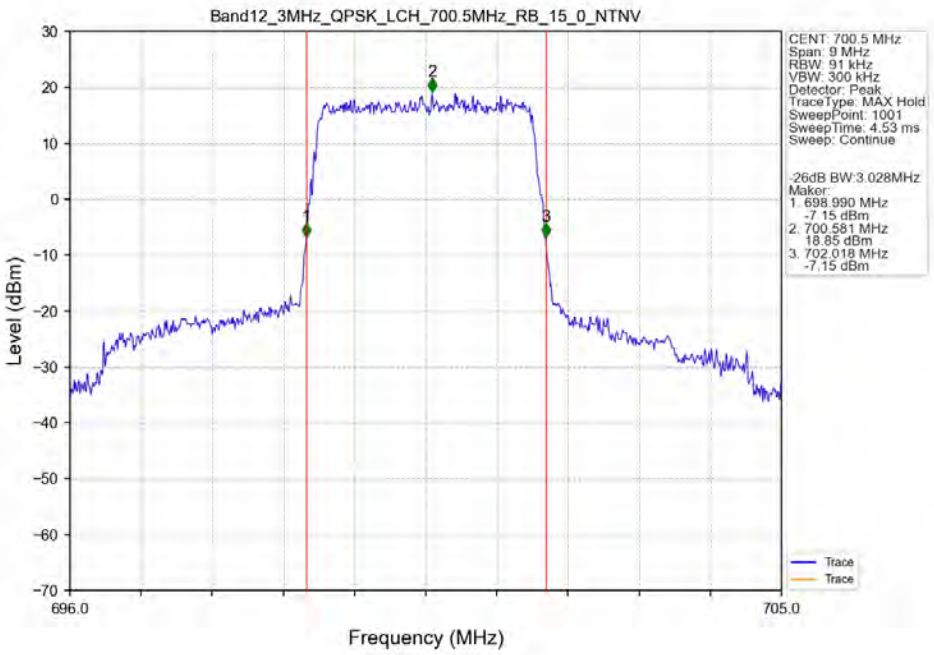
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



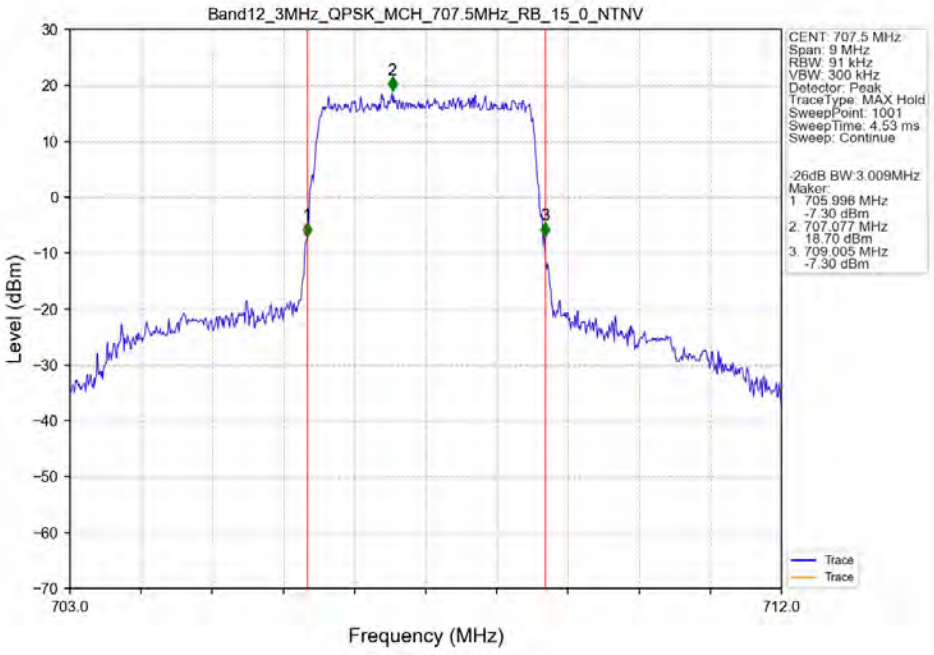
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



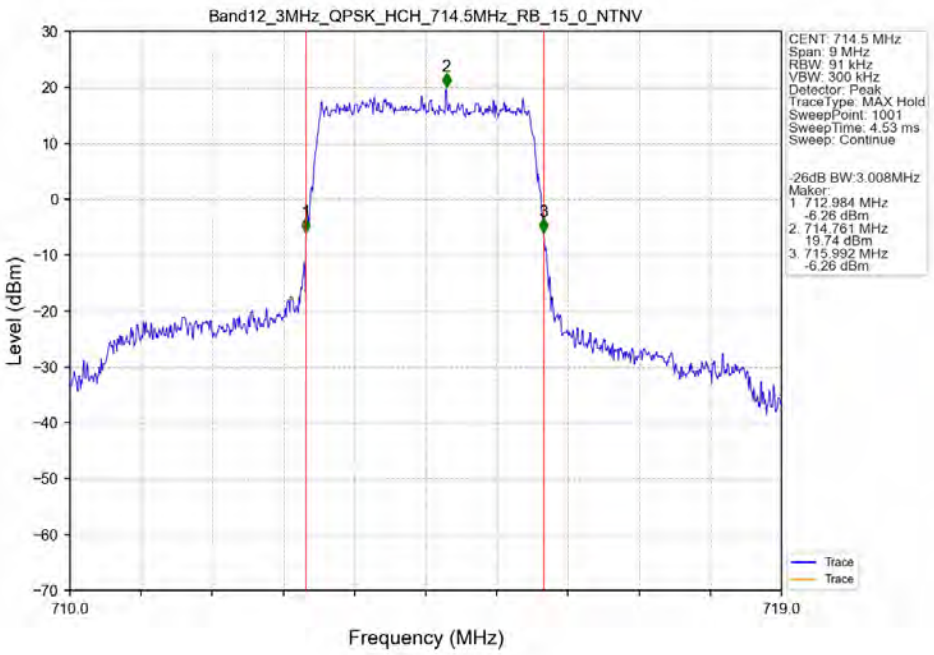
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



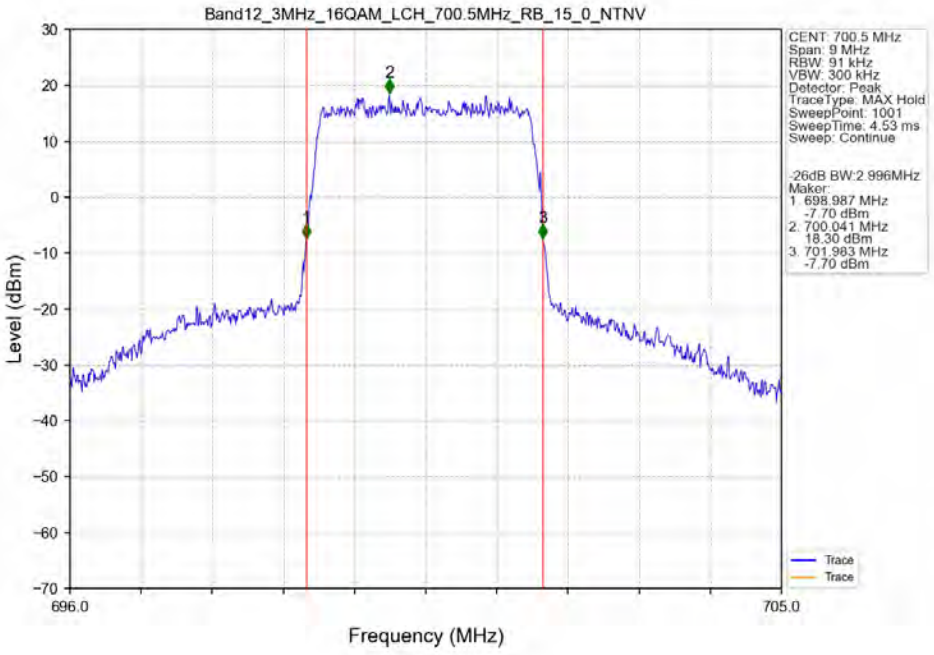
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



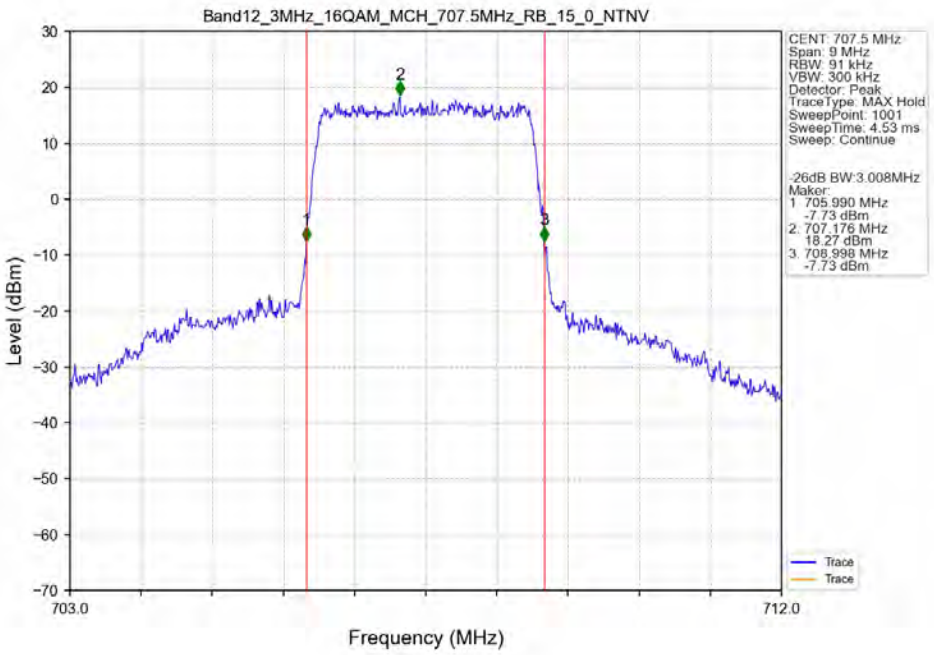
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



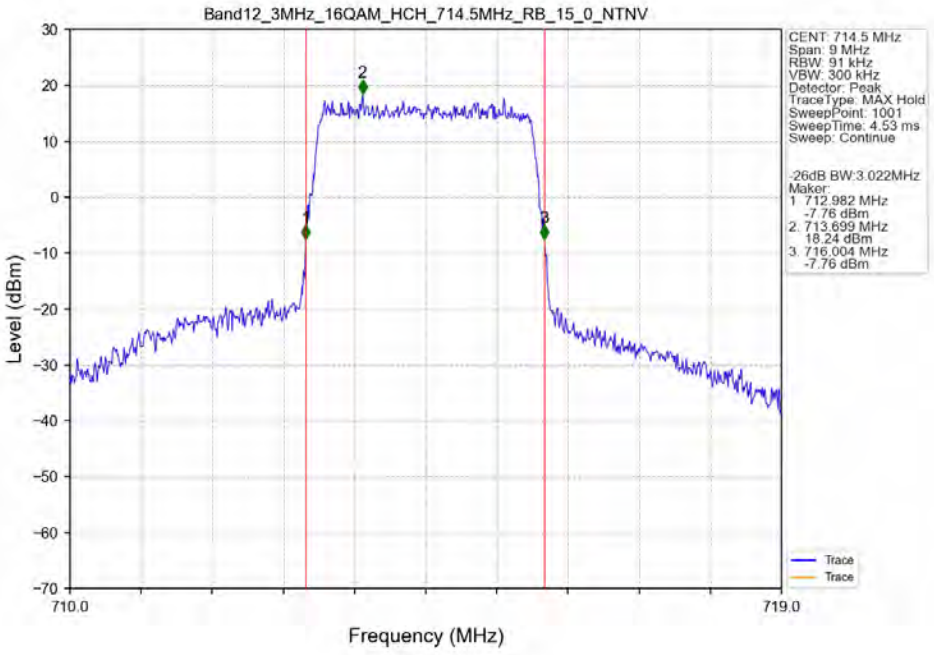
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



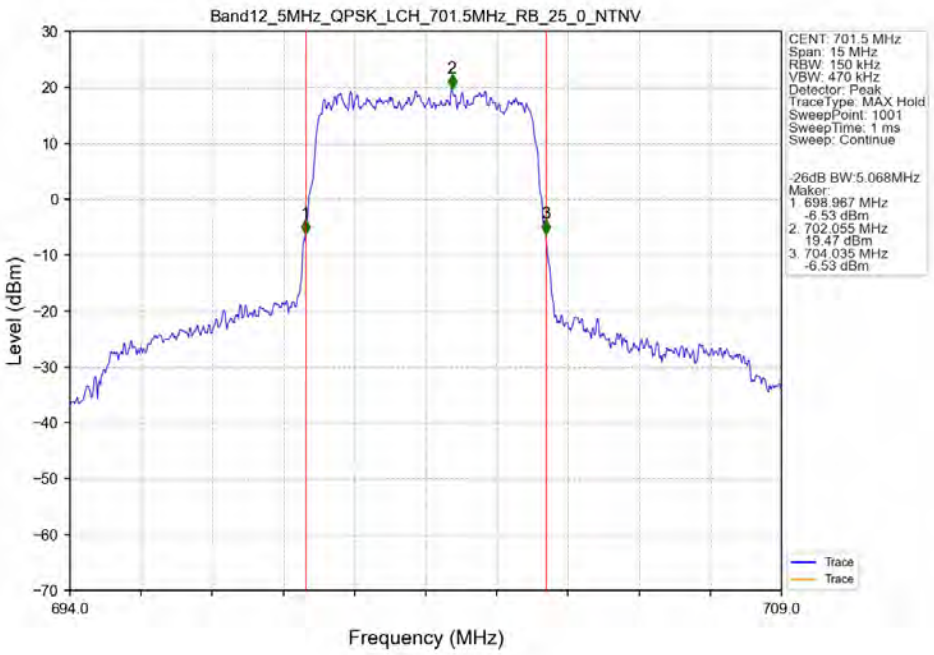
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



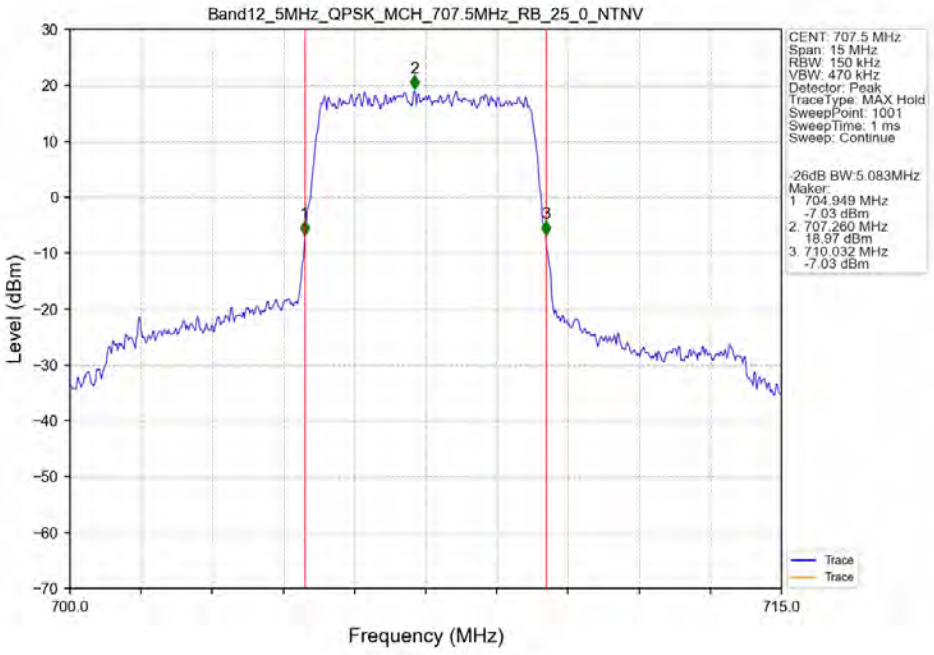
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



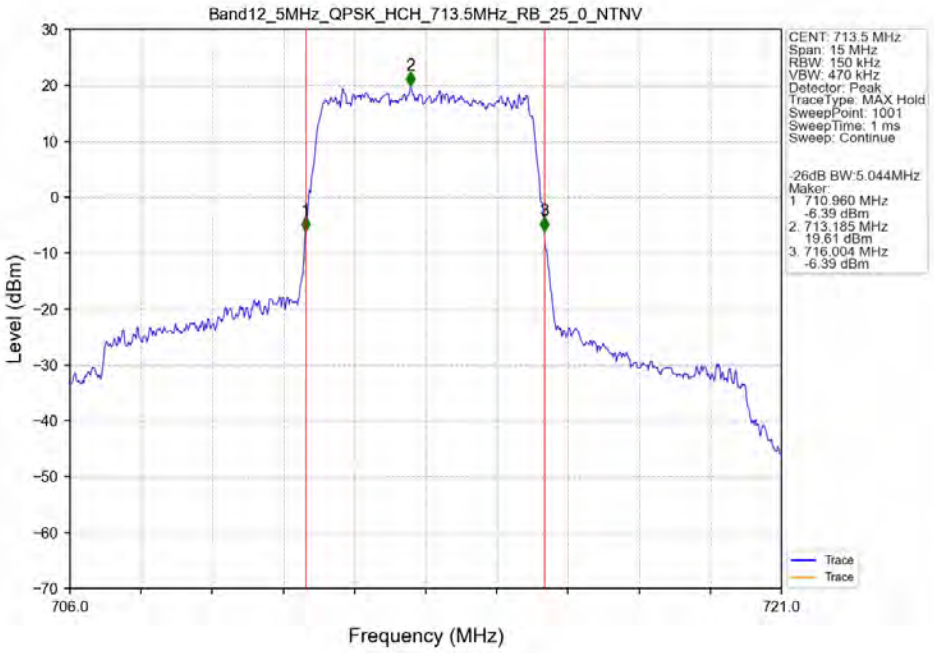
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



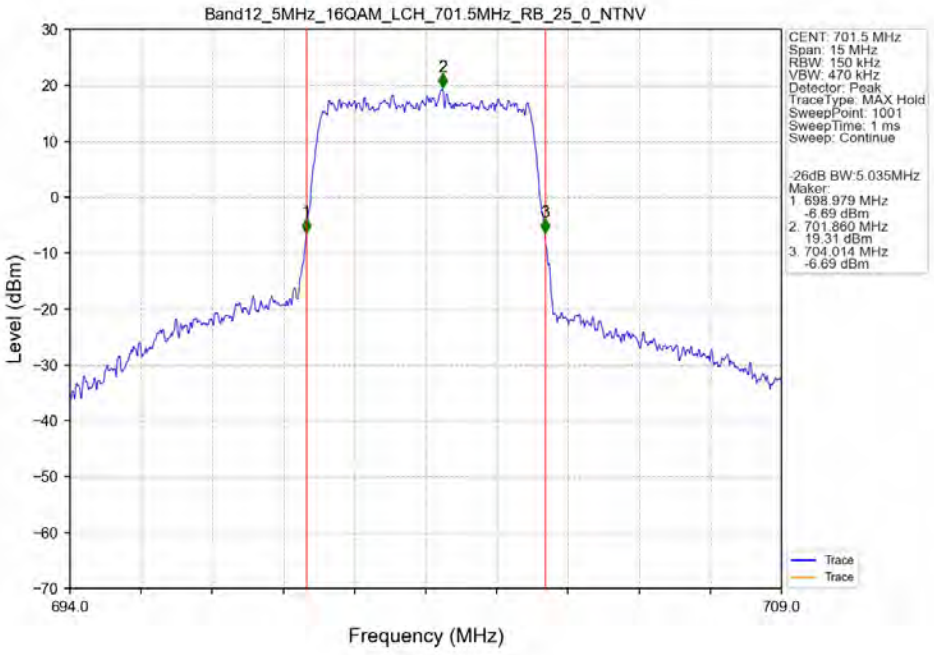
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



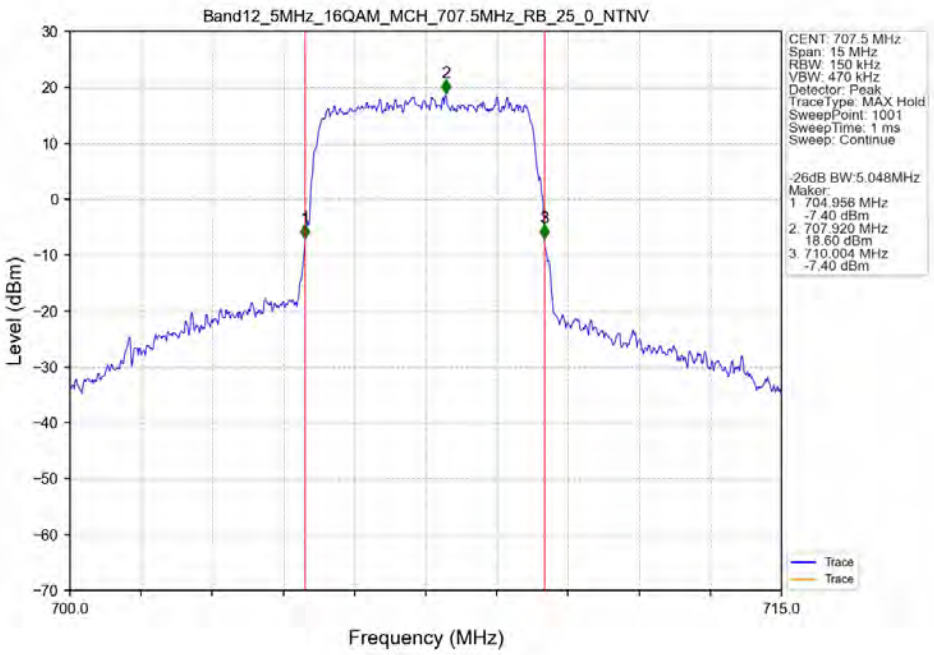
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



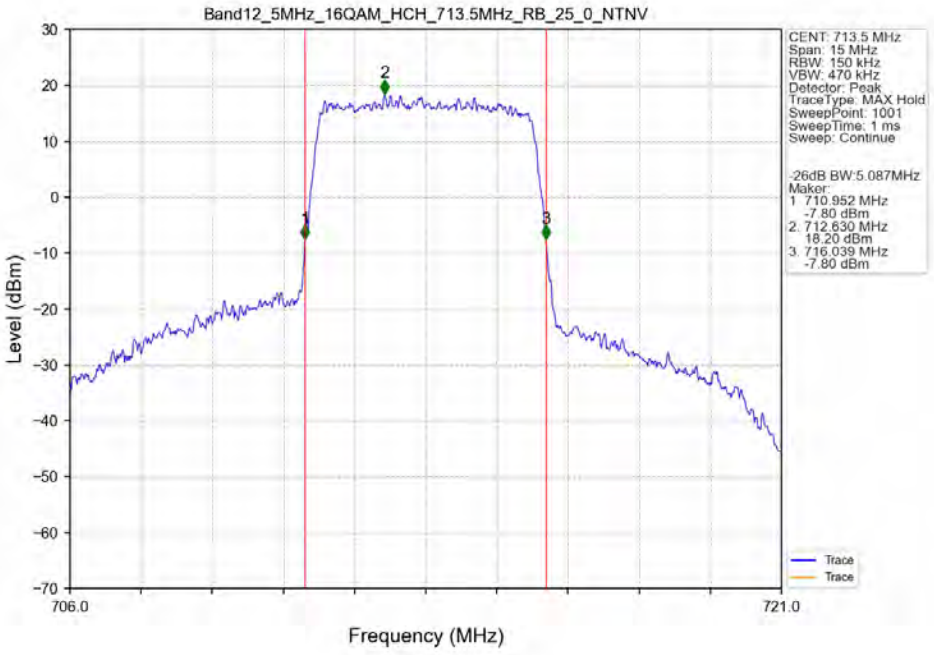
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



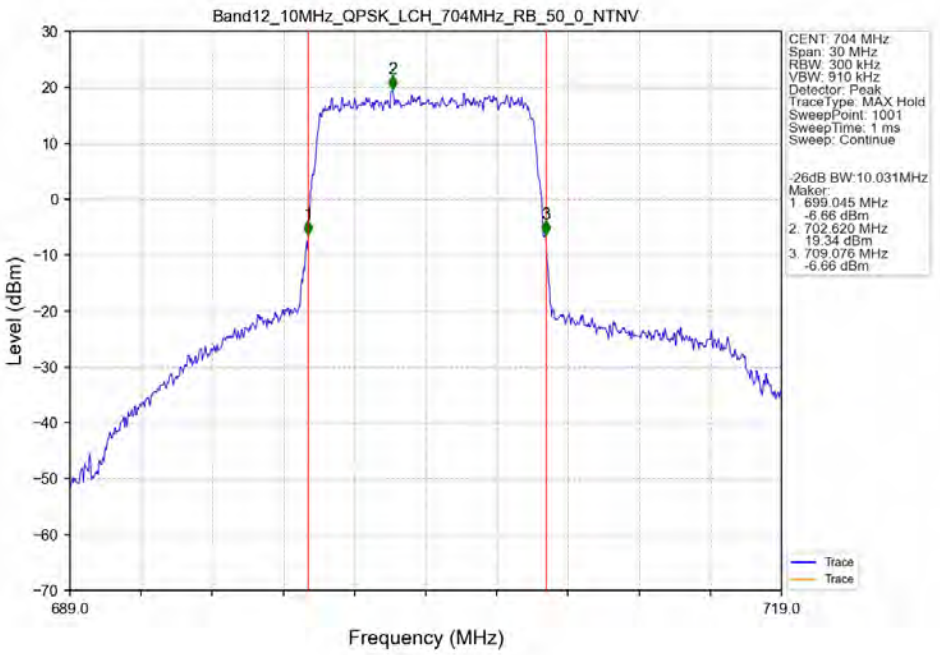
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



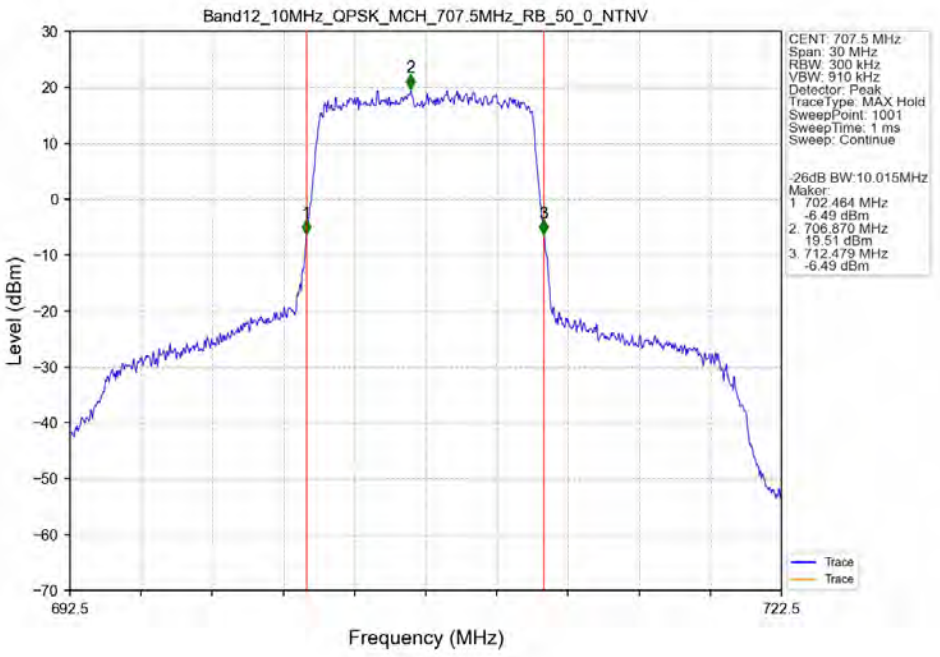
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV

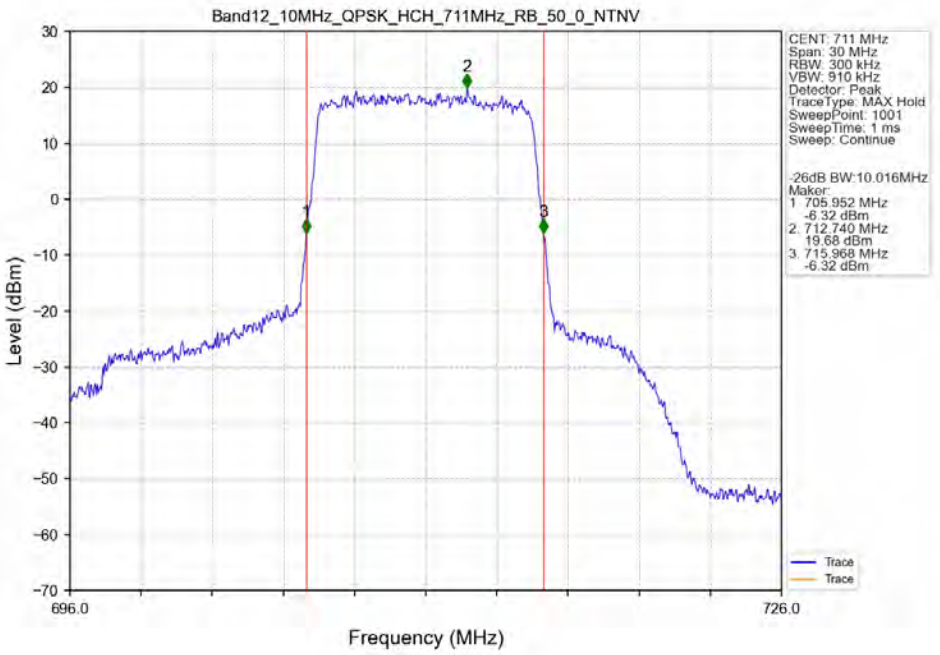


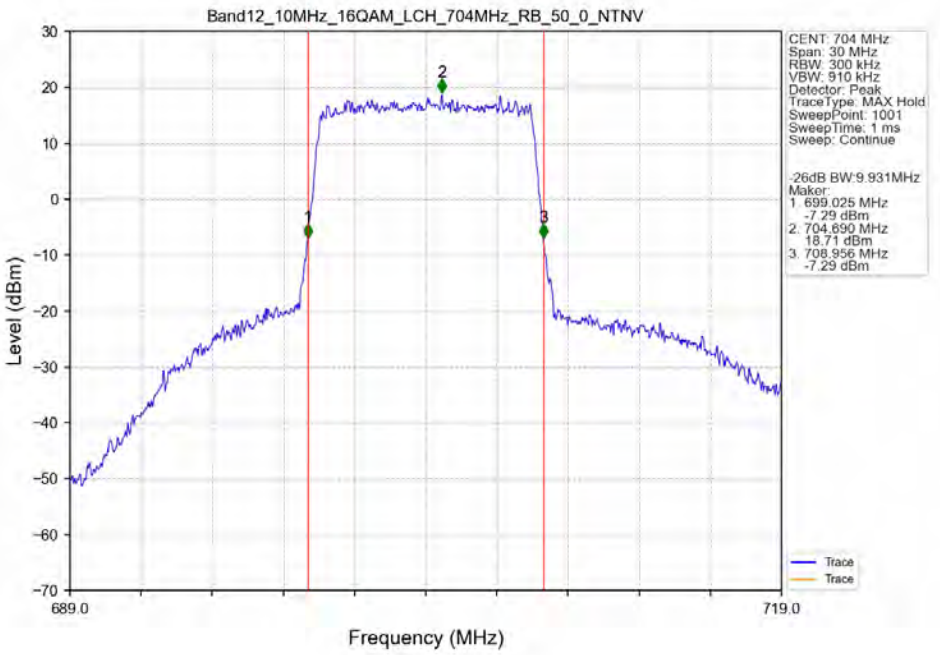
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



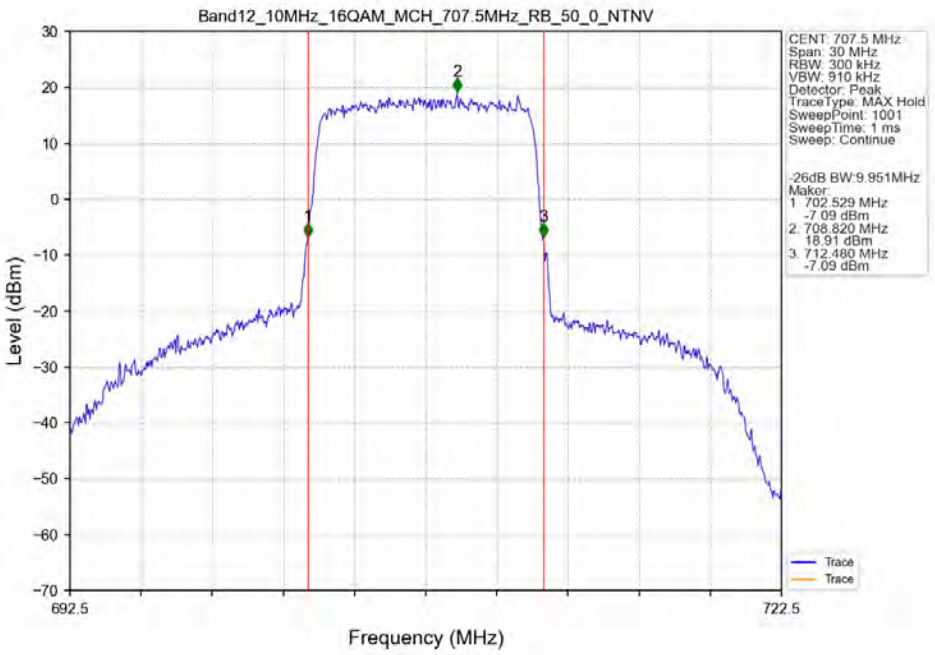
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



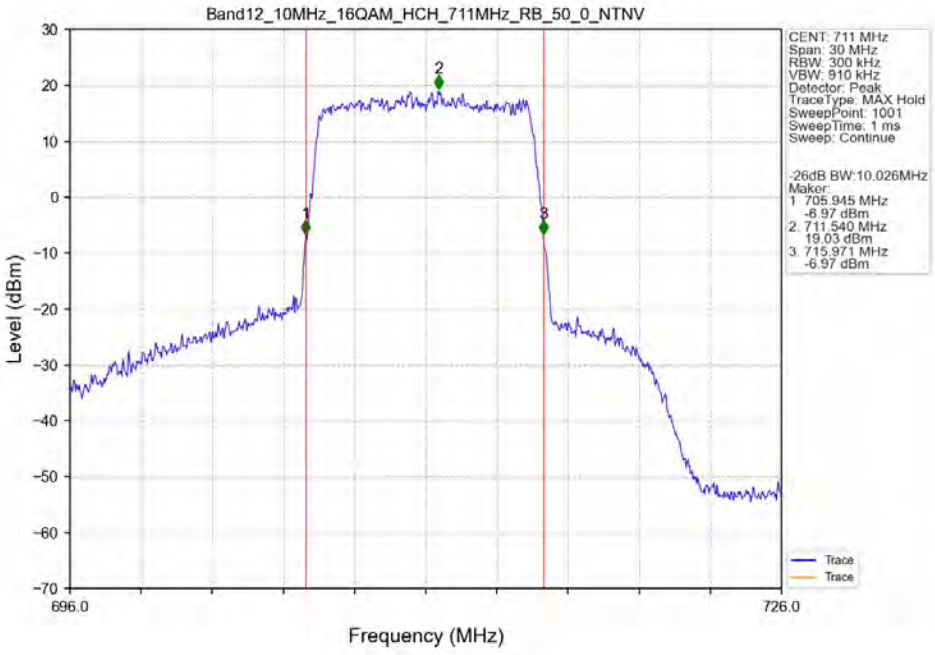
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV


Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV


Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



4. Peak-Average Ratio

4.1 Test Result

4.1.1 B12_1.4MHz

Band: 12 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	699.7	6	0	5.33	<=13	Pass
	707.5	6	0	5.34	<=13	Pass
	715.3	6	0	5.19	<=13	Pass
16QAM	699.7	6	0	6.24	<=13	Pass
	707.5	6	0	6.20	<=13	Pass
	715.3	6	0	6.07	<=13	Pass

4.1.2 B12_3MHz

Band: 12 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	700.5	15	0	5.42	<=13	Pass
	707.5	15	0	5.41	<=13	Pass
	714.5	15	0	5.30	<=13	Pass
16QAM	700.5	15	0	6.32	<=13	Pass
	707.5	15	0	6.27	<=13	Pass
	714.5	15	0	6.17	<=13	Pass

4.1.3 B12_5MHz

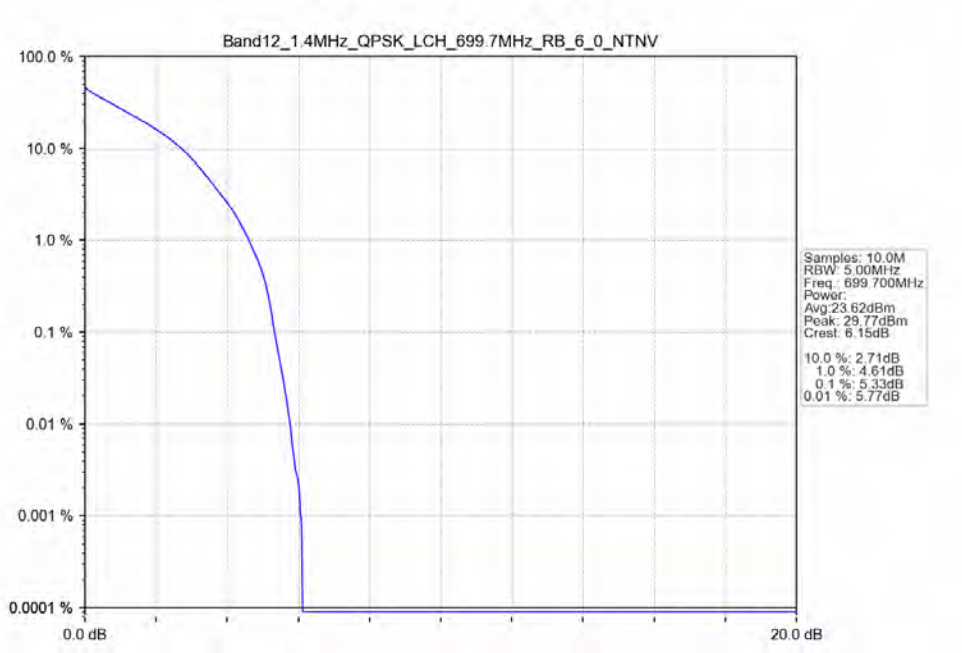
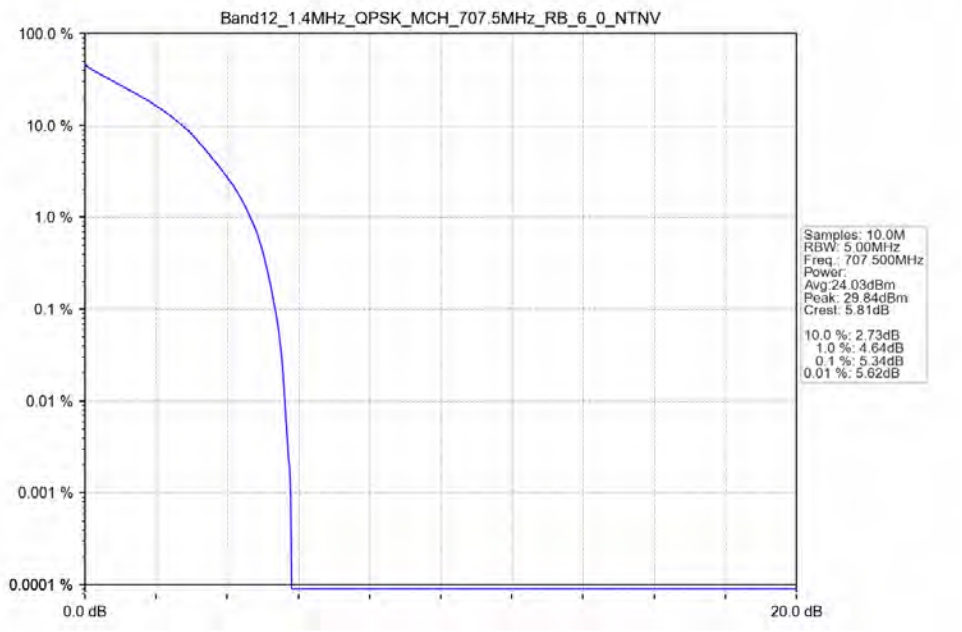
Band: 12 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	701.5	25	0	5.28	<=13	Pass
	707.5	25	0	5.26	<=13	Pass
	713.5	25	0	5.19	<=13	Pass
16QAM	701.5	25	0	6.12	<=13	Pass
	707.5	25	0	6.14	<=13	Pass
	713.5	25	0	6.06	<=13	Pass

4.1.4 B12_10MHz

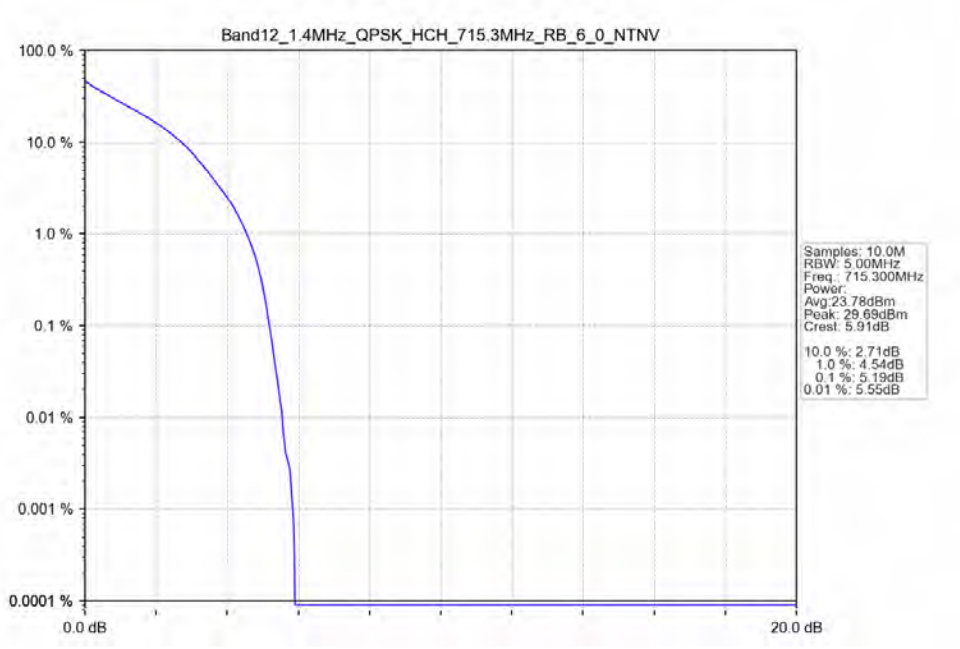
Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	704	50	0	5.32	<=13	Pass
	707.5	50	0	5.26	<=13	Pass
	711	50	0	5.20	<=13	Pass
16QAM	704	50	0	6.15	<=13	Pass
	707.5	50	0	6.14	<=13	Pass
	711	50	0	6.12	<=13	Pass

4.2 Test Graph

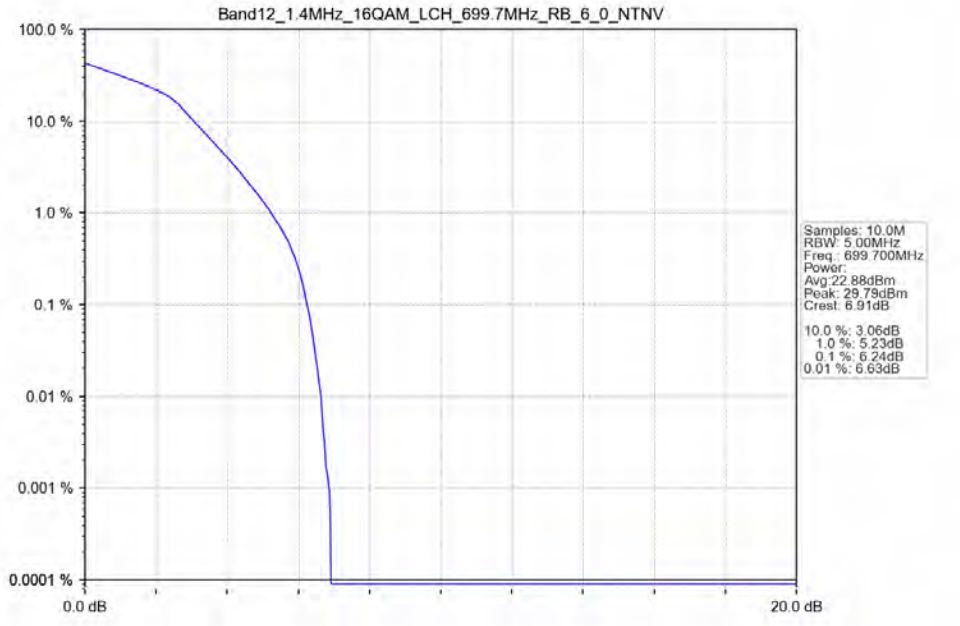
4.2.1 B12_1.4MHz

Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV

Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_6_0_NTNV


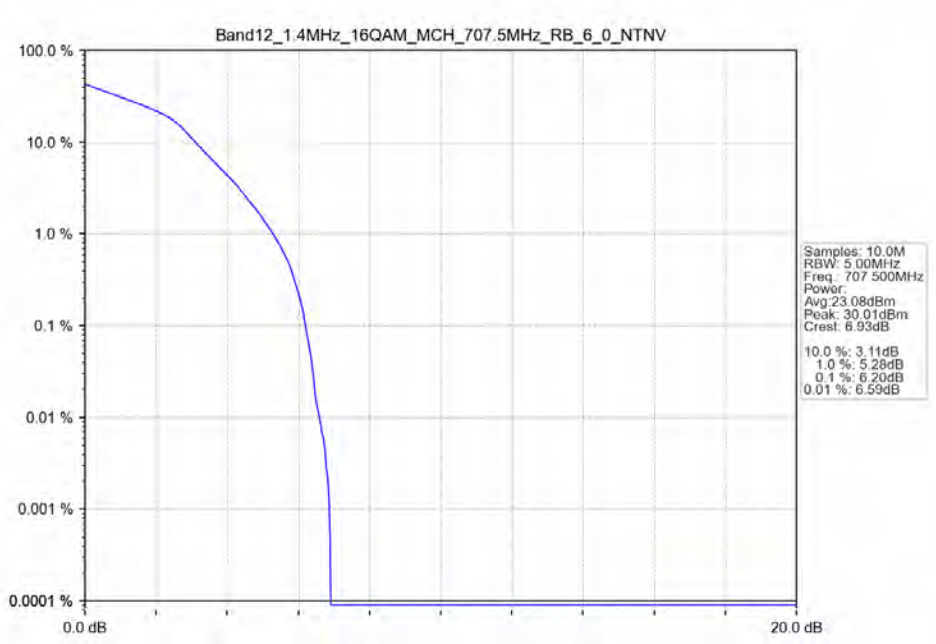
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



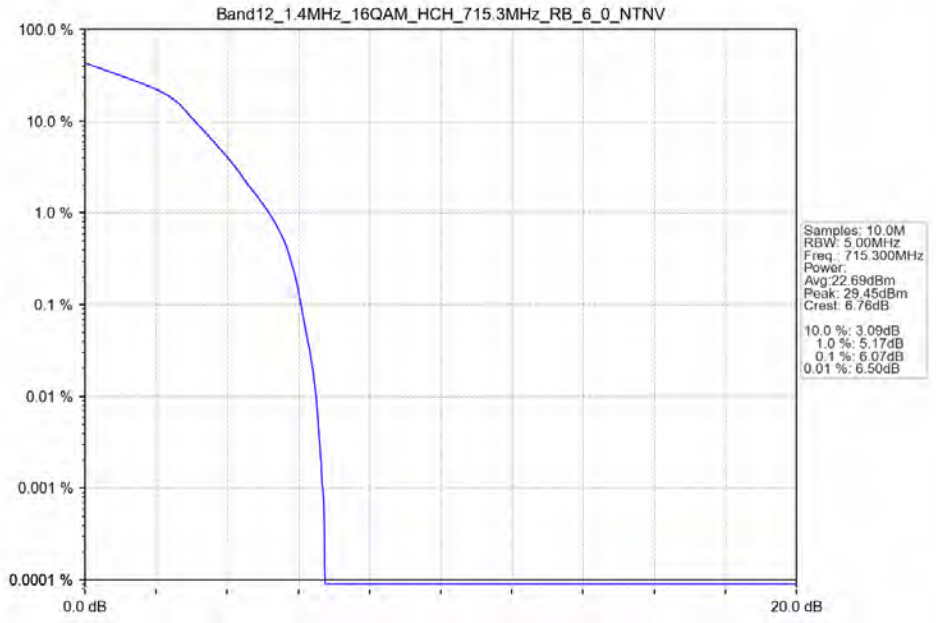
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



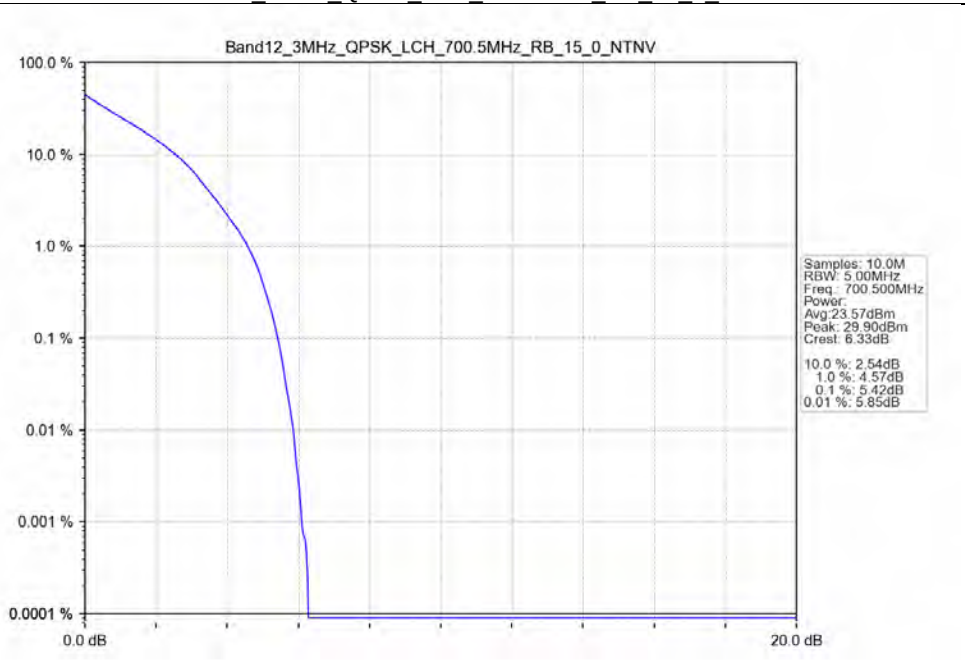
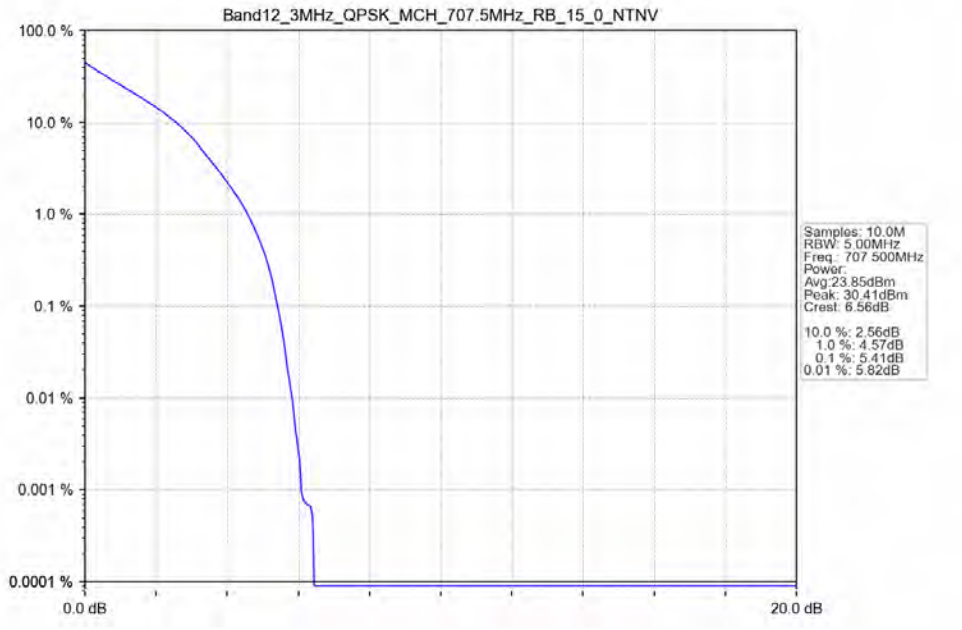
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



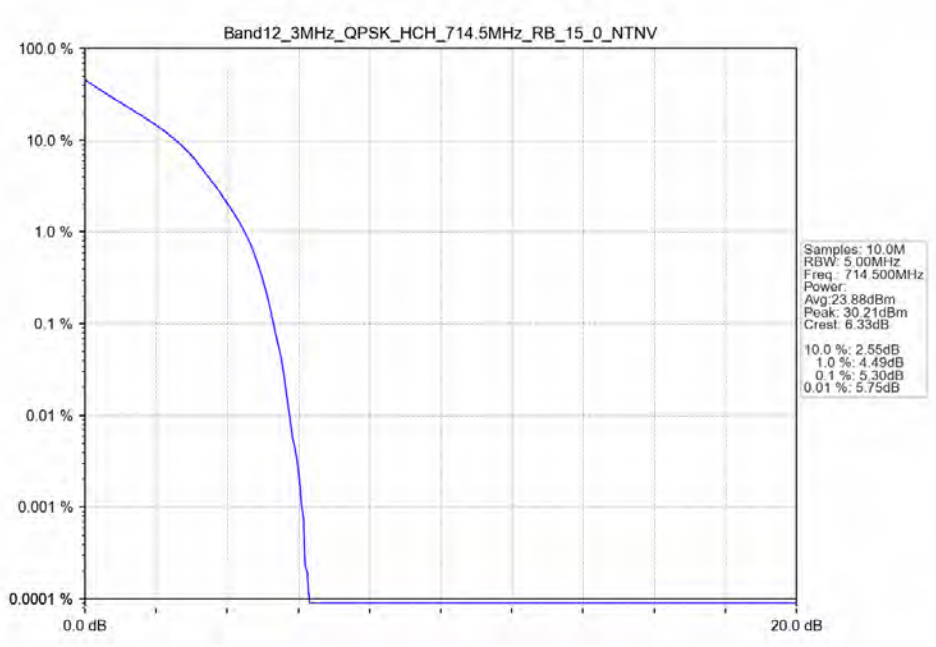
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



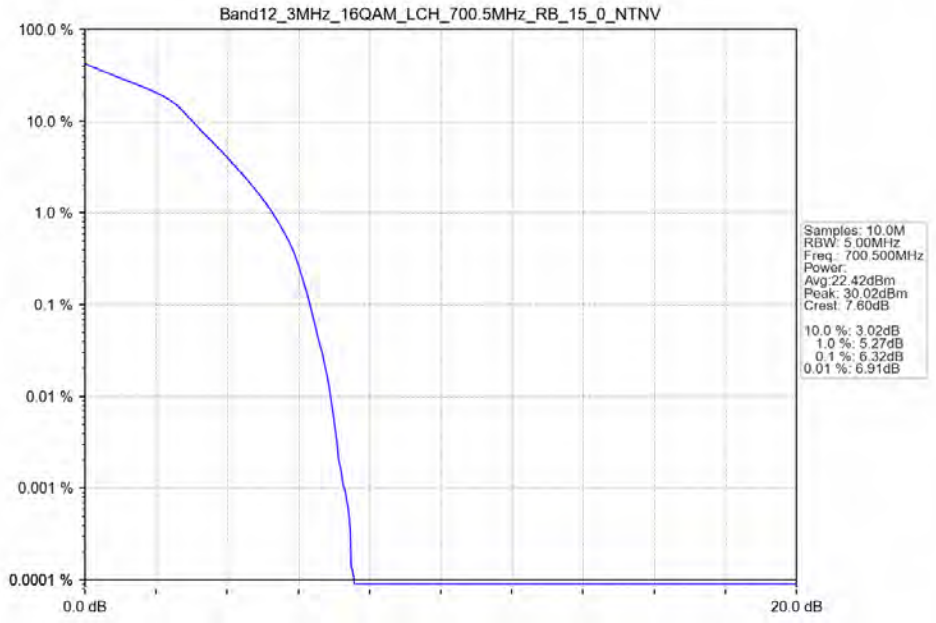
4.2.2 B12_3MHz

Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV

Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV


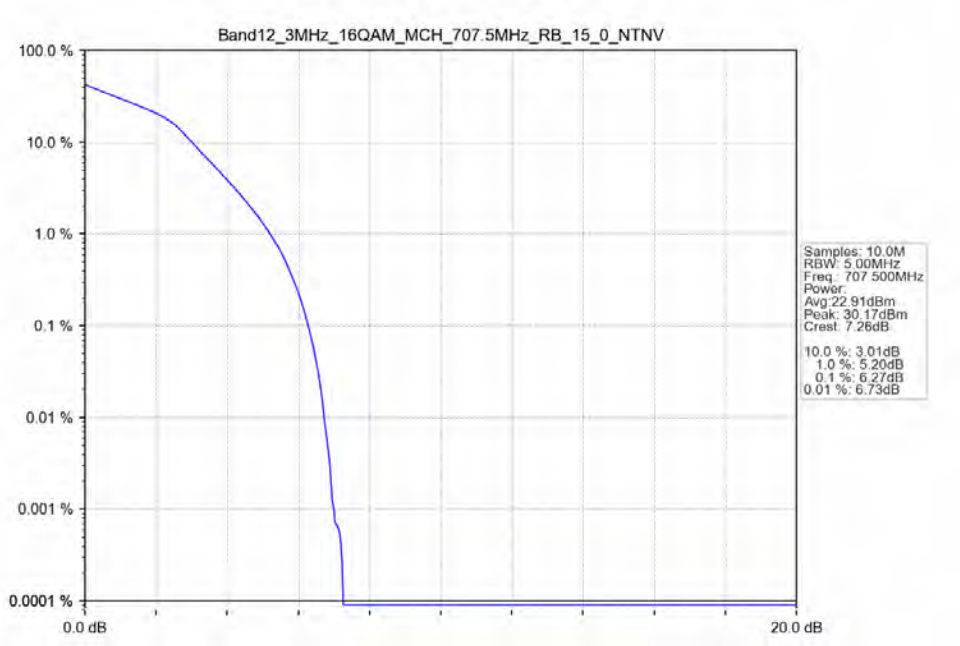
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



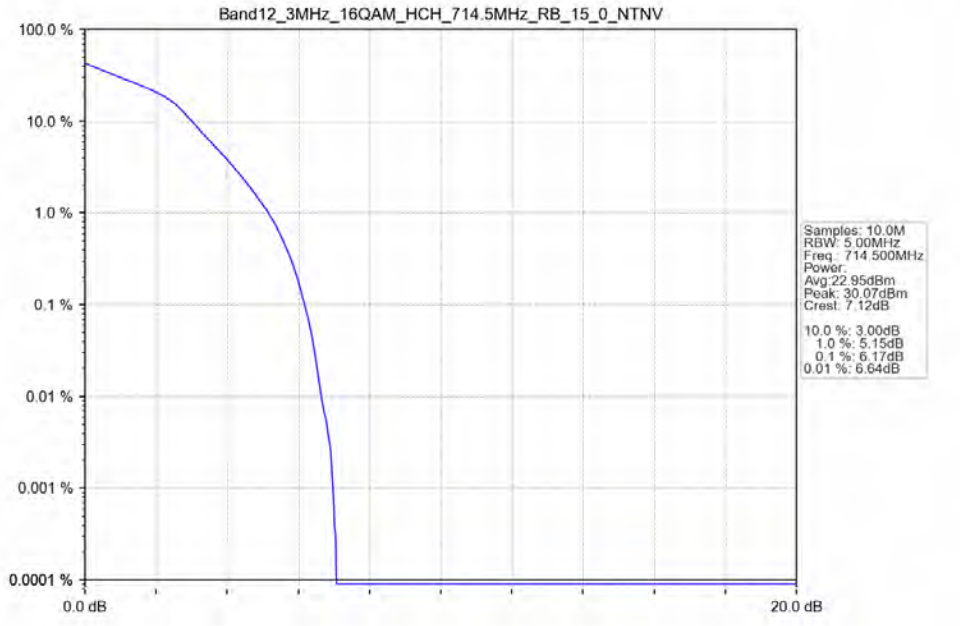
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



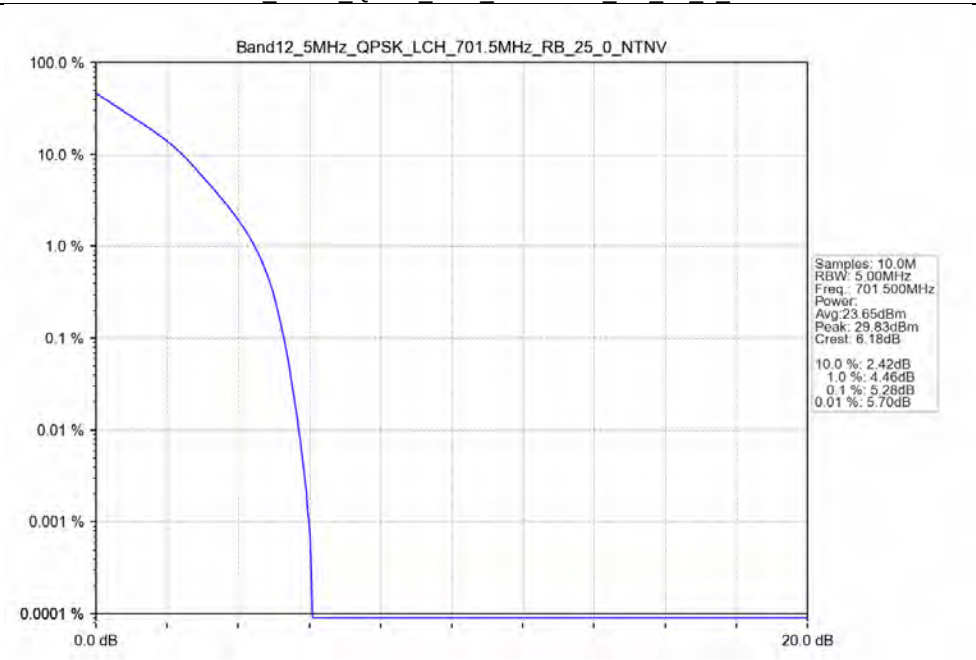
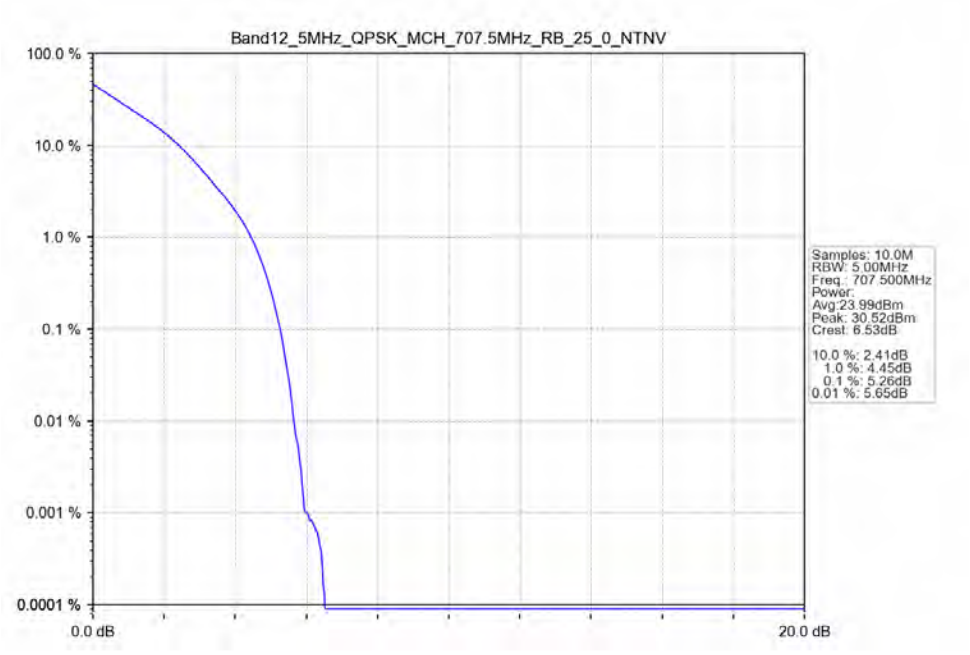
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



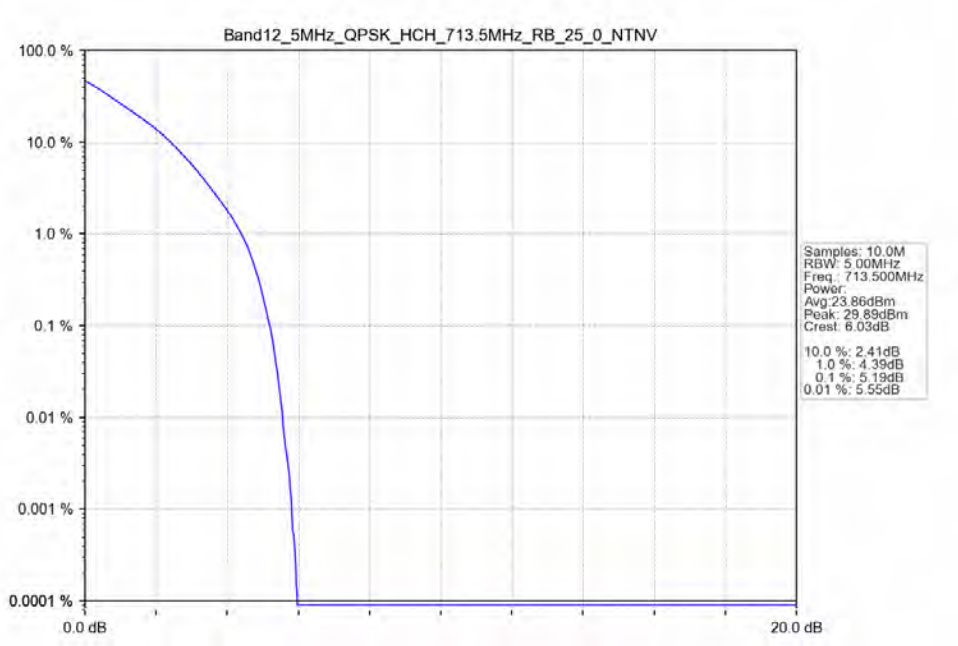
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



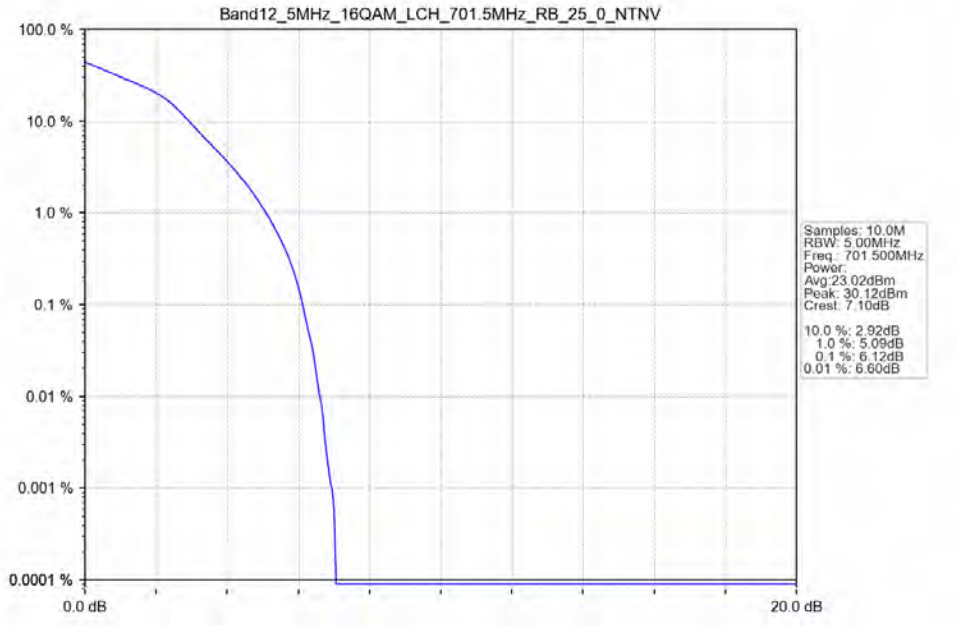
4.2.3 B12_5MHz

Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV

Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV


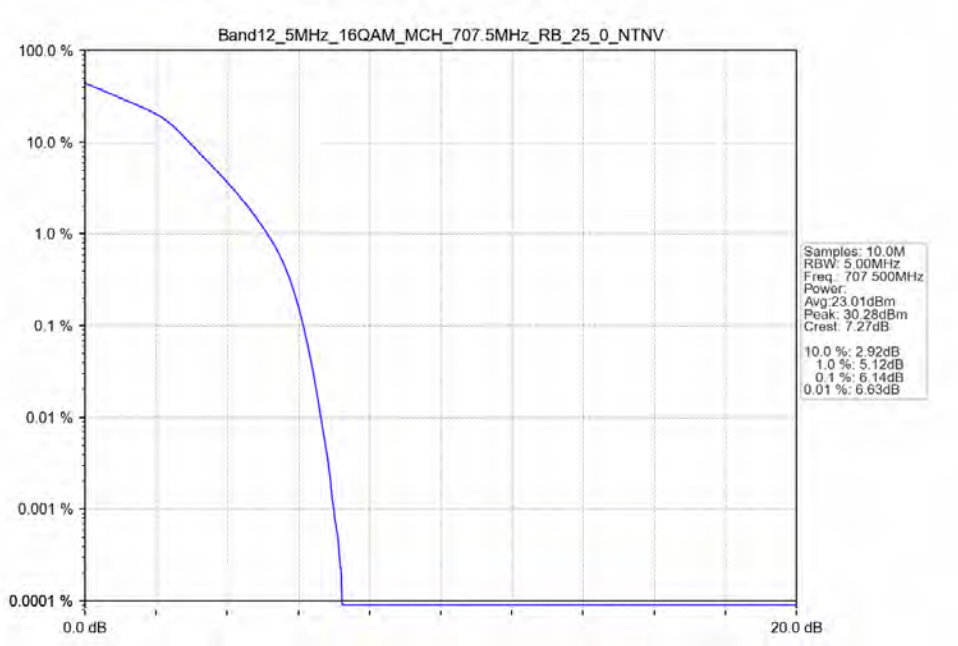
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



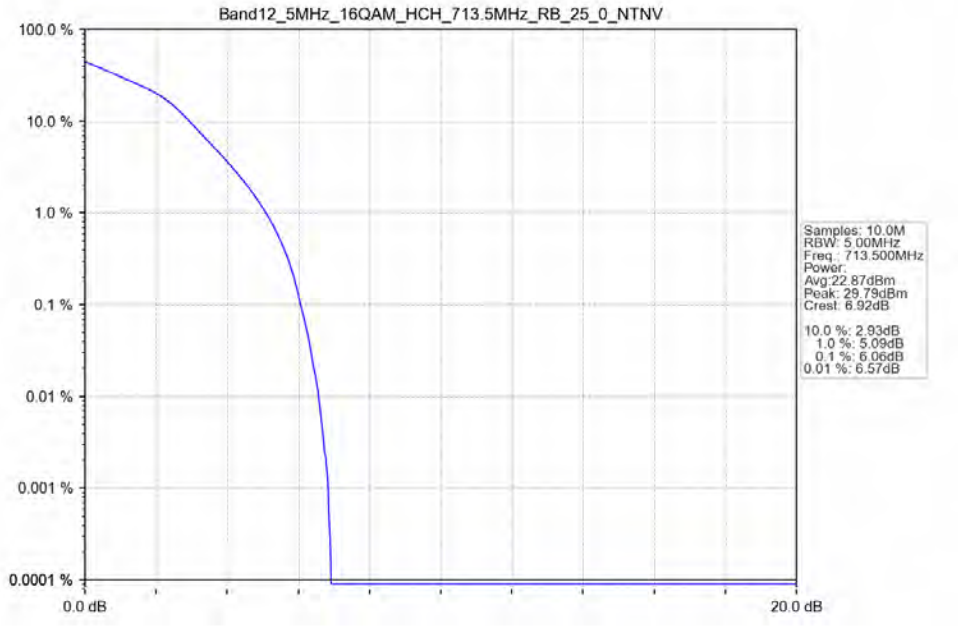
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



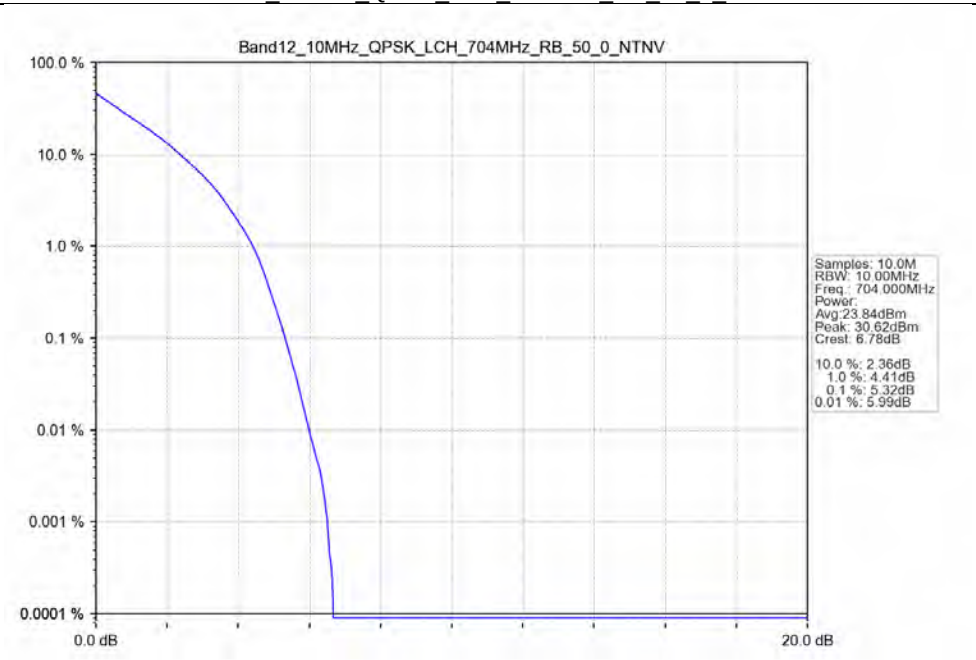
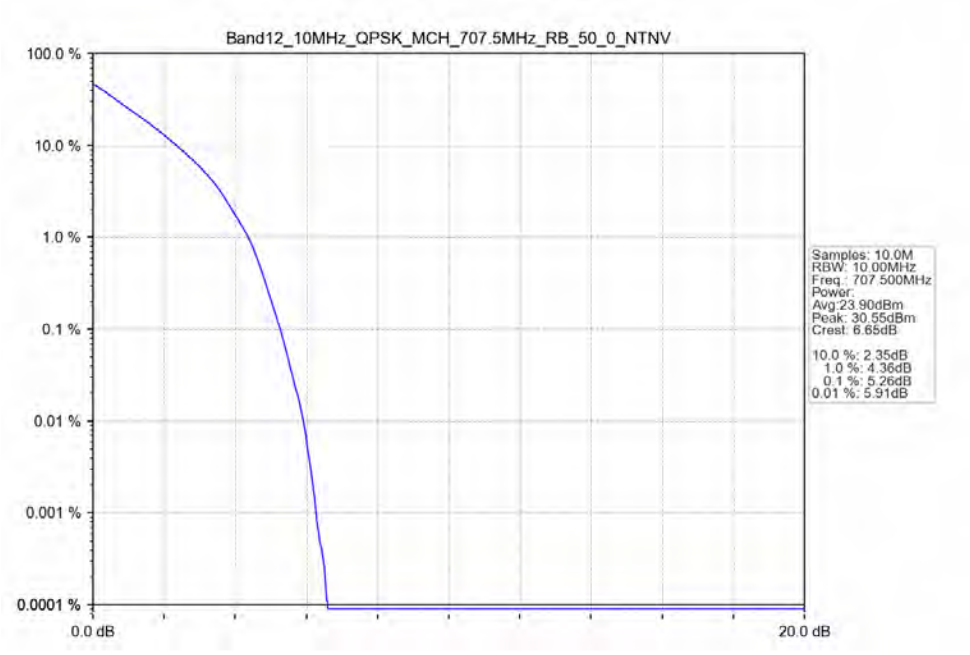
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



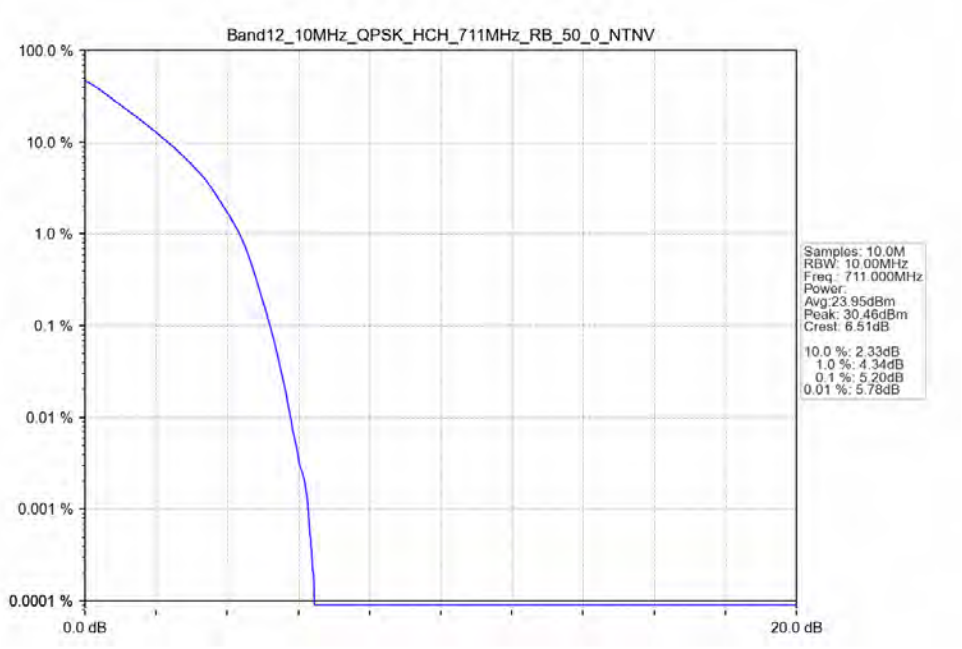
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



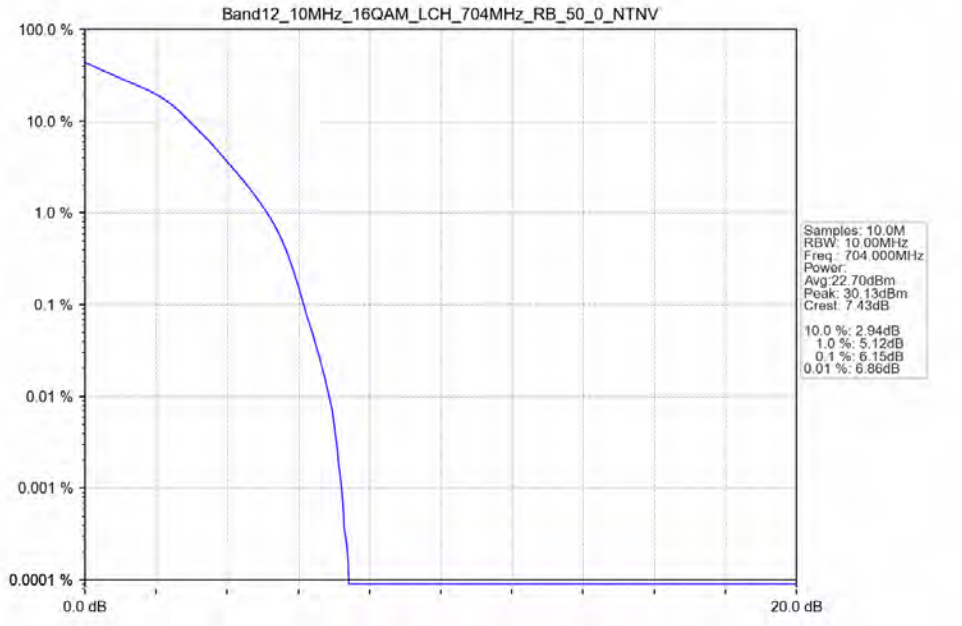
4.2.4 B12_10MHz

Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV

Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV


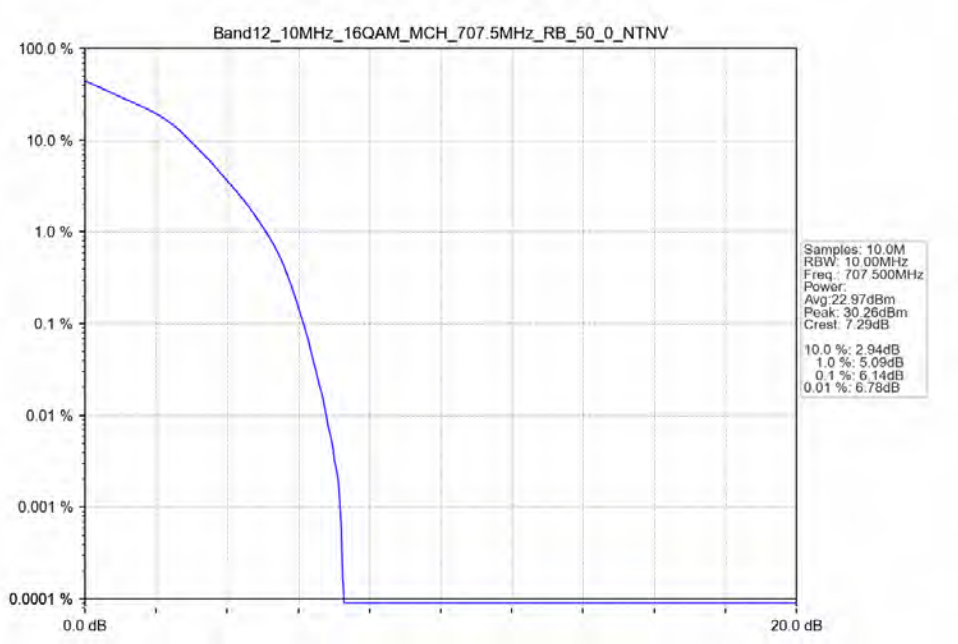
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



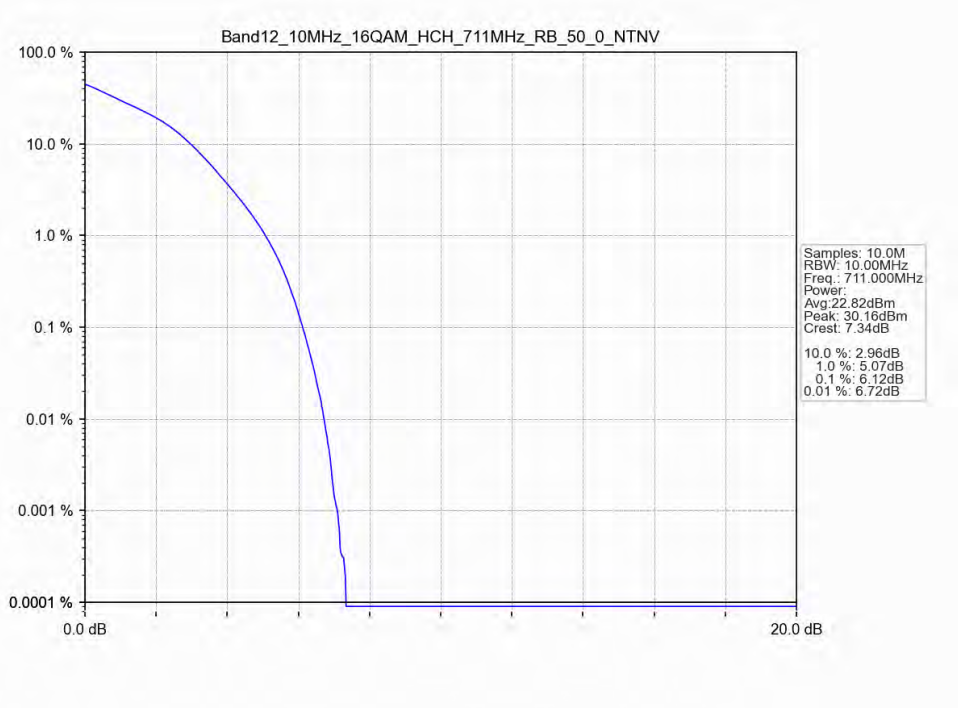
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B12_1.4MHz

Band: 12 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	699.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
	715.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

5.1.2 B12_3MHz

Band: 12 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	700.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
	714.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

5.1.3 B12_5MHz

Band: 12 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	701.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
	713.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

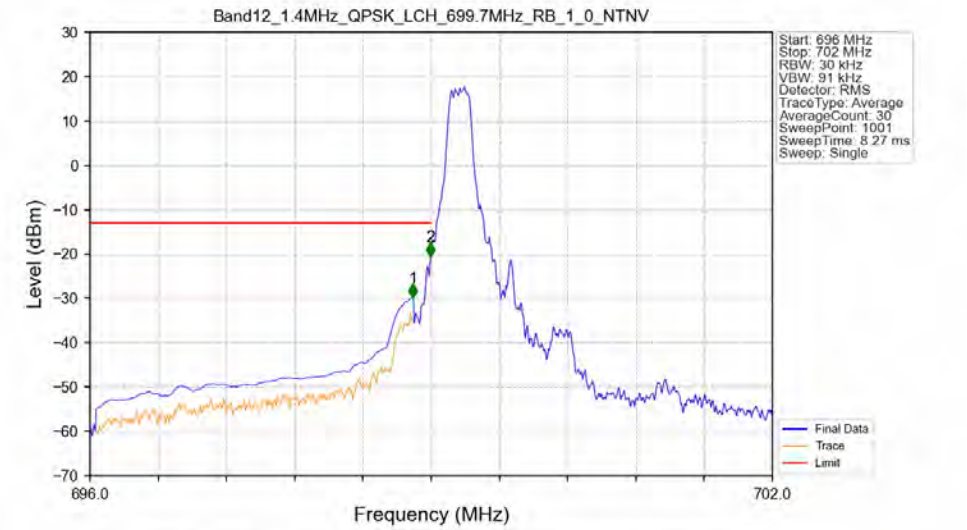
5.1.4 B12_10MHz

Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	704	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
	711	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.2 Test Graph

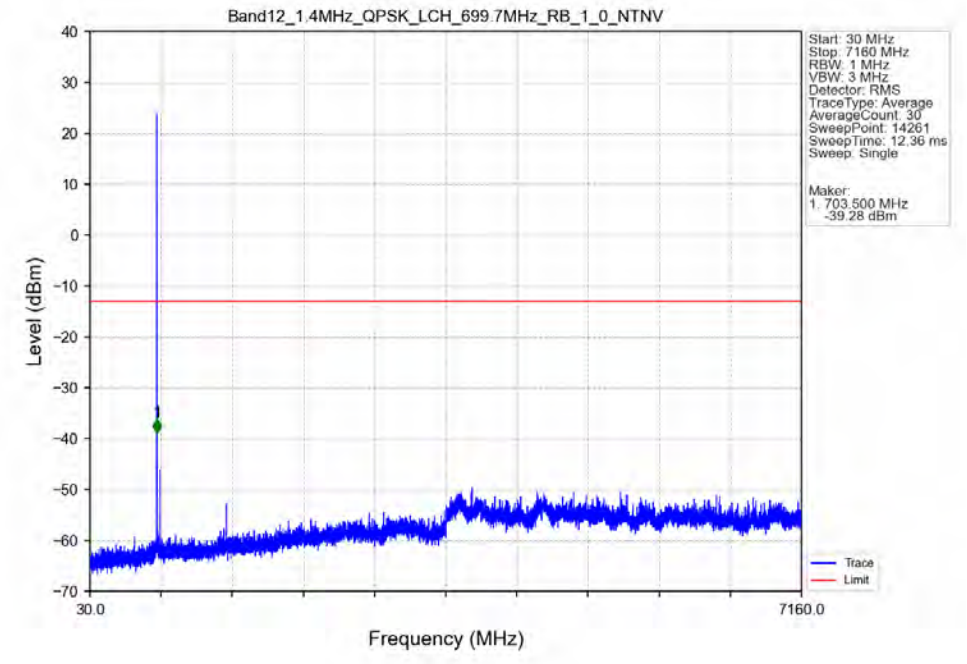
5.2.1 B12_1.4MHz

Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_1_0_NTNV

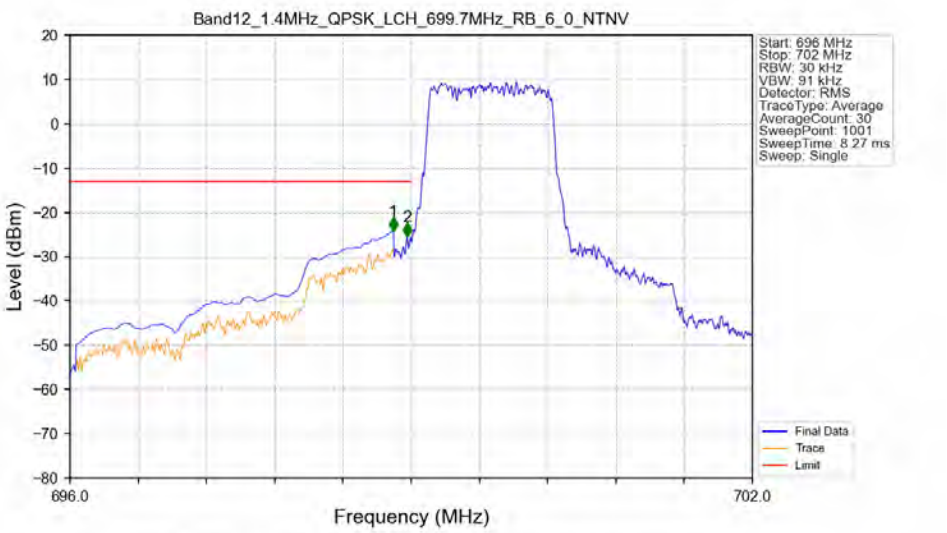


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.838	-29.83	-13	Pass
698.9	699	0.03	/	2	698.994	-20.53	-13	Pass
699	702	0.03	/	/	/	/	/	/

Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_1_0_NTNV

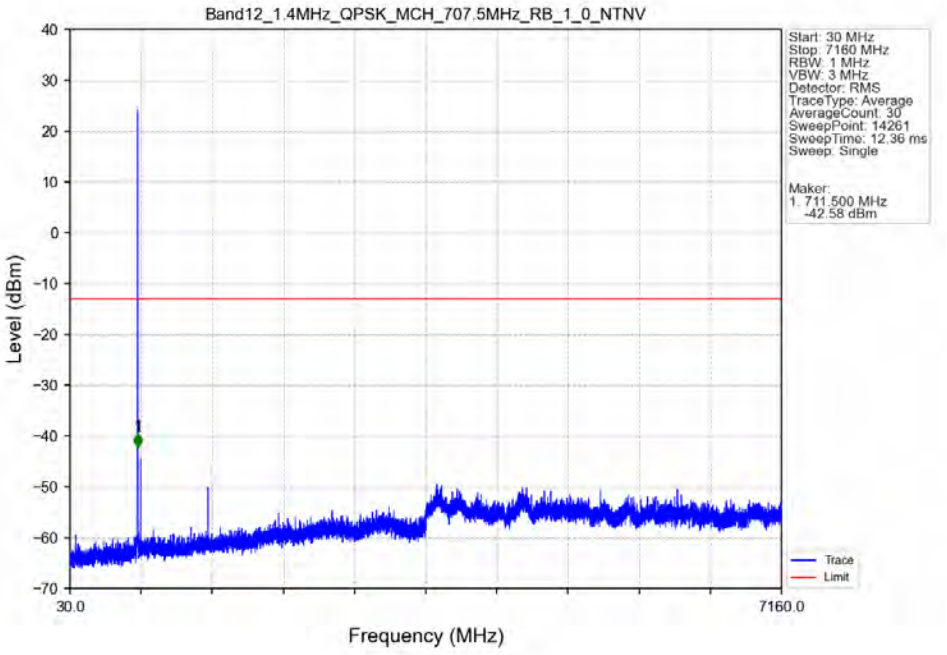


Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV

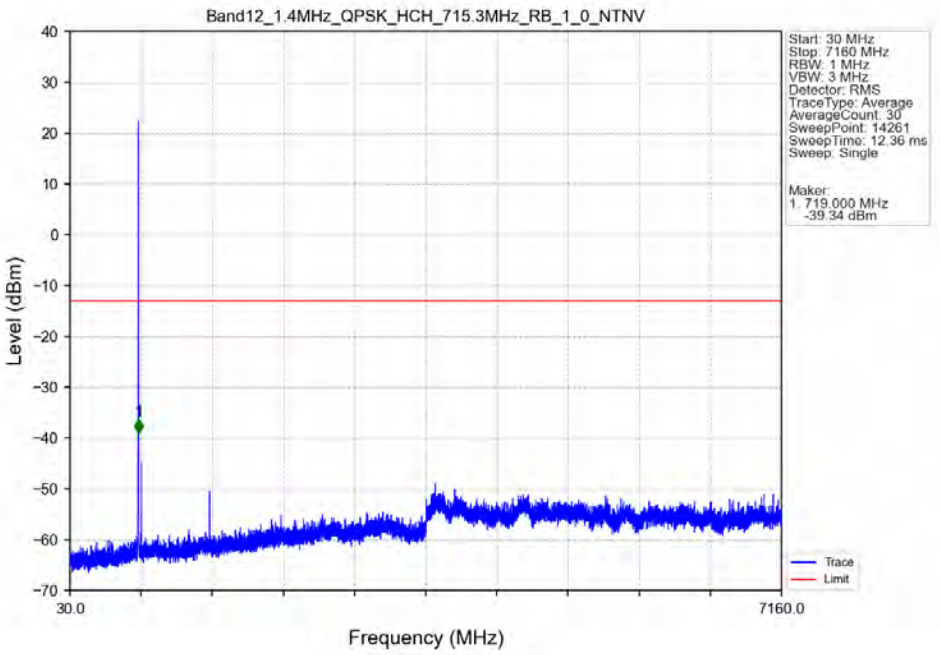


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-24.28	13	Pass
698.9	699	0.03	/	2	698.964	-25.51	-13	Pass
699	702	0.03	/	/	/	/	/	/

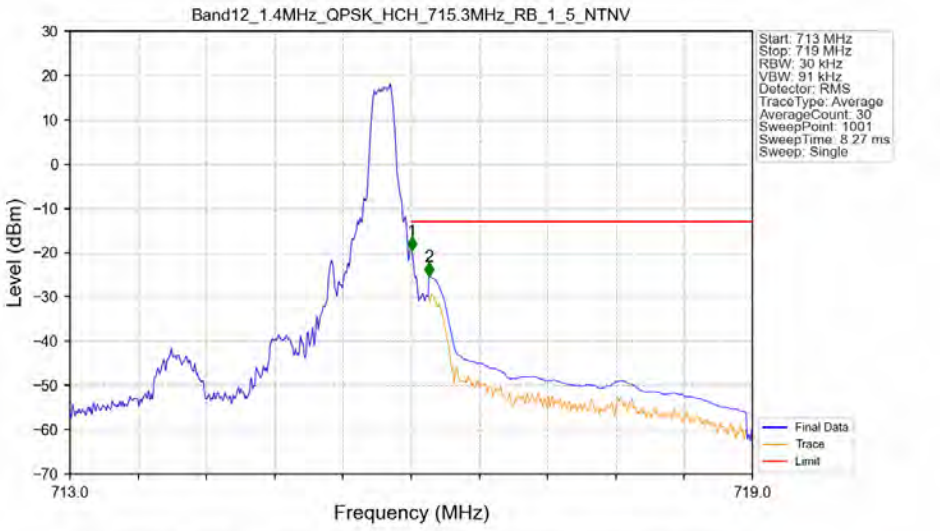
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_0_NTNV

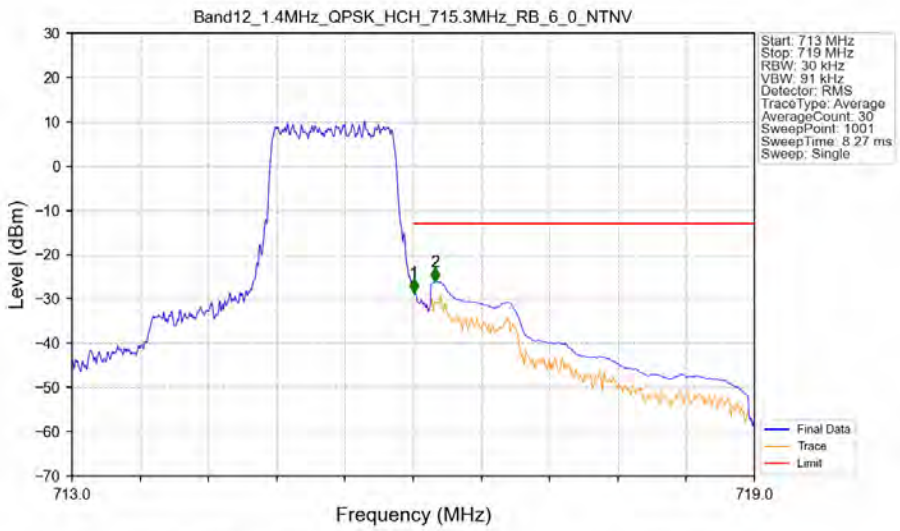


Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_5_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.006	-19.50	-13	Pass
716.1	719	0.1	CHP	2	716.156	-25.37	-13	Pass

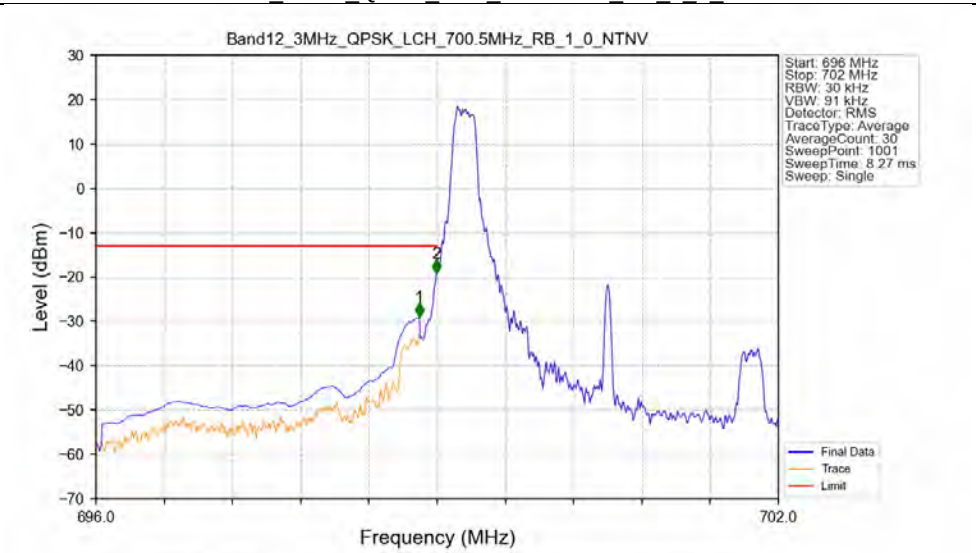
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.006	-28.55	-13	Pass
716.1	719	0.1	CHP	2	716.192	-26.03	-13	Pass

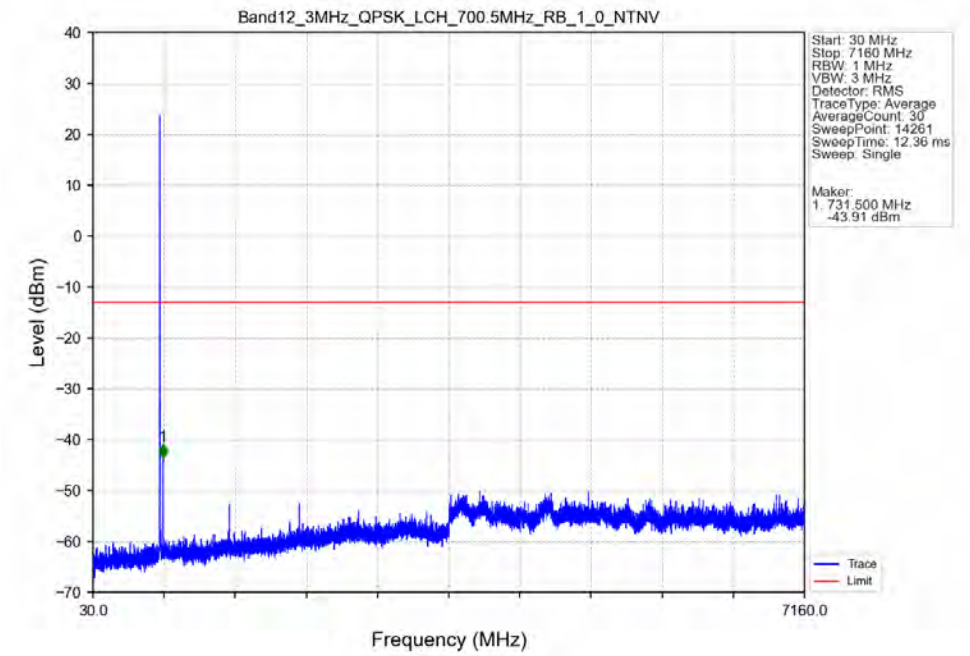
5.2.2 B12_3MHz

Band12_3MHz_QPSK_LCH_700.5MHz_RB_1_0_NTNV

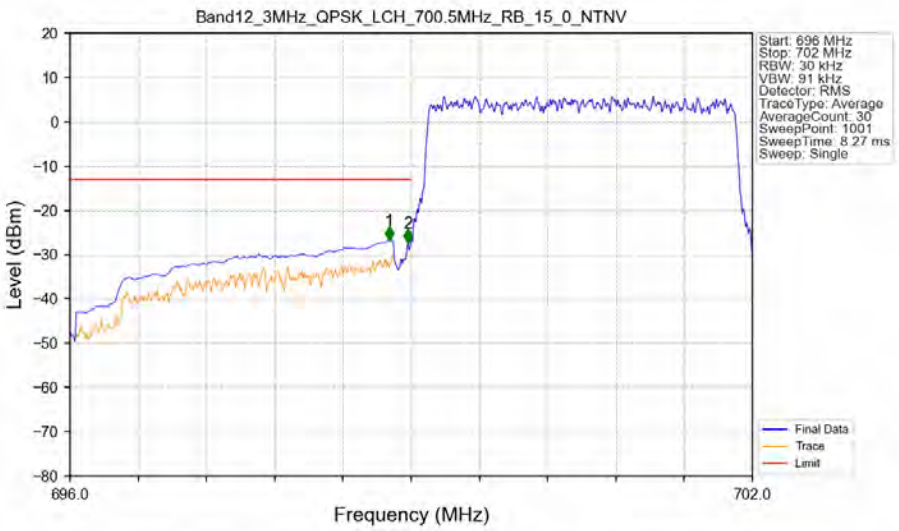


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-29.00	-13	Pass
698.9	699	0.03	/	2	698.994	-19.17	-13	Pass
699	702	0.03	/	/	/	/	/	/

Band12_3MHz_QPSK_LCH_700.5MHz_RB_1_0_NTNV

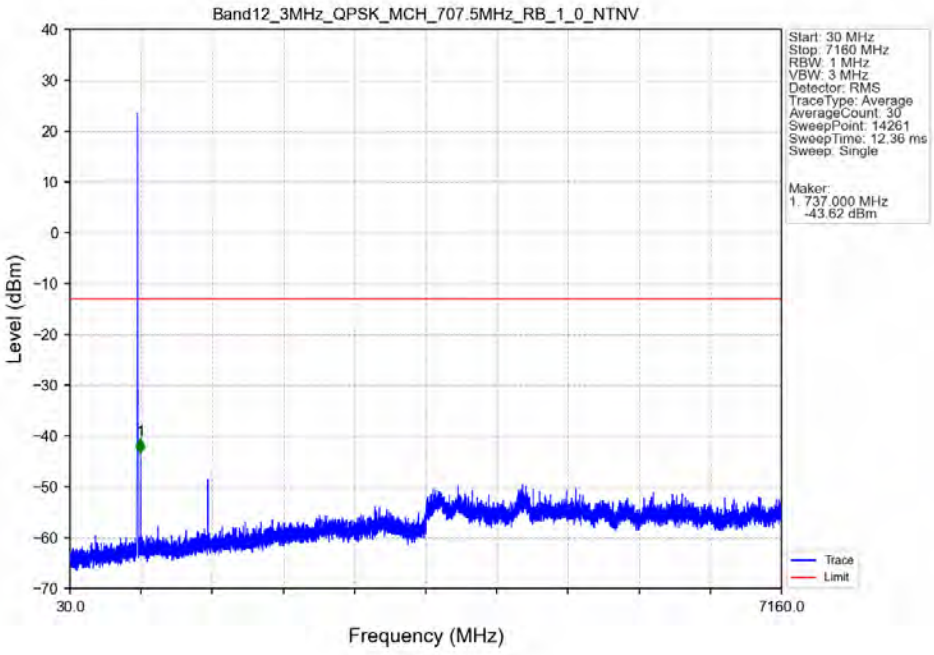


Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV

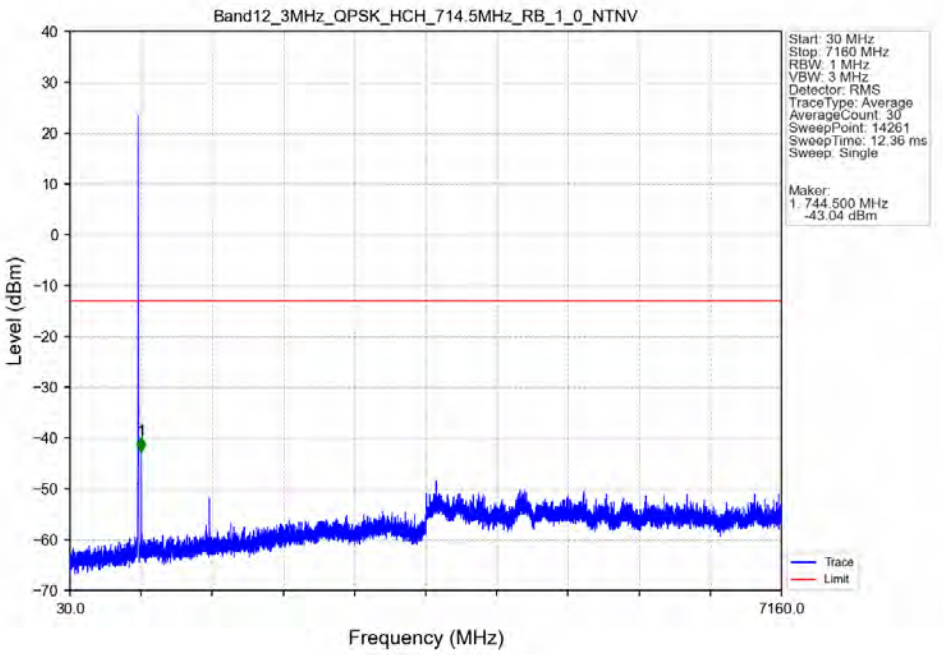


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.808	-26.74	-13	Pass
698.9	699	0.03	/	2	698.970	-27.37	-13	Pass
699	702	0.03	/	/	/	/	/	/

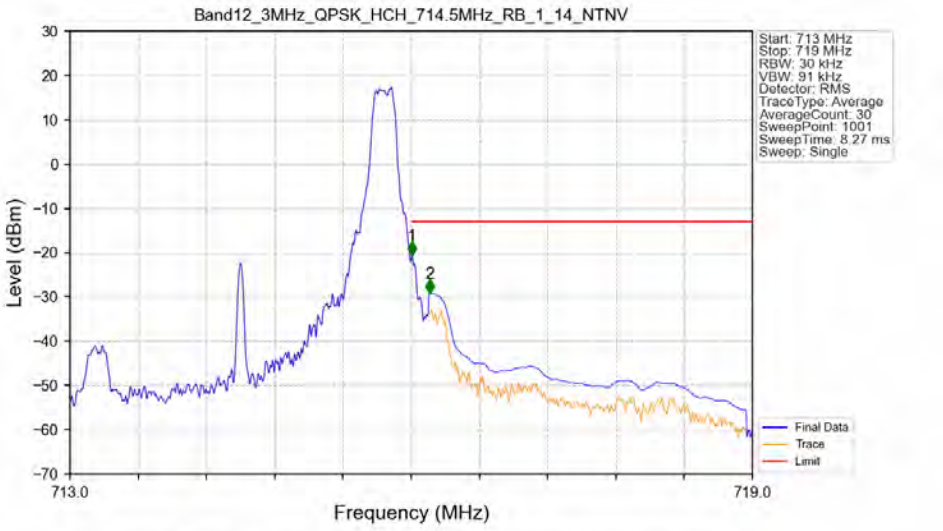
Band12_3MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_0_NTNV

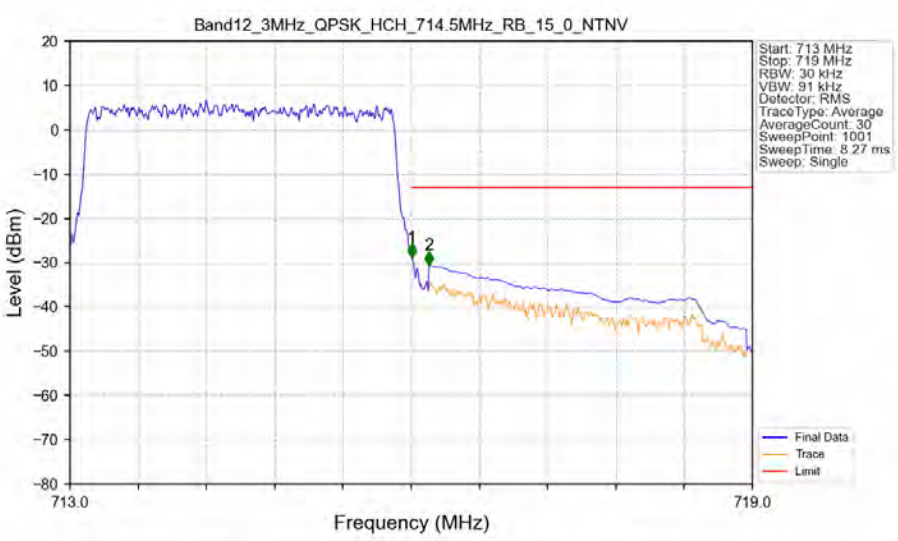


Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_14_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.006	-20.56	-13	Pass
716.1	719	0.1	CHP	2	716.162	-29.19	-13	Pass

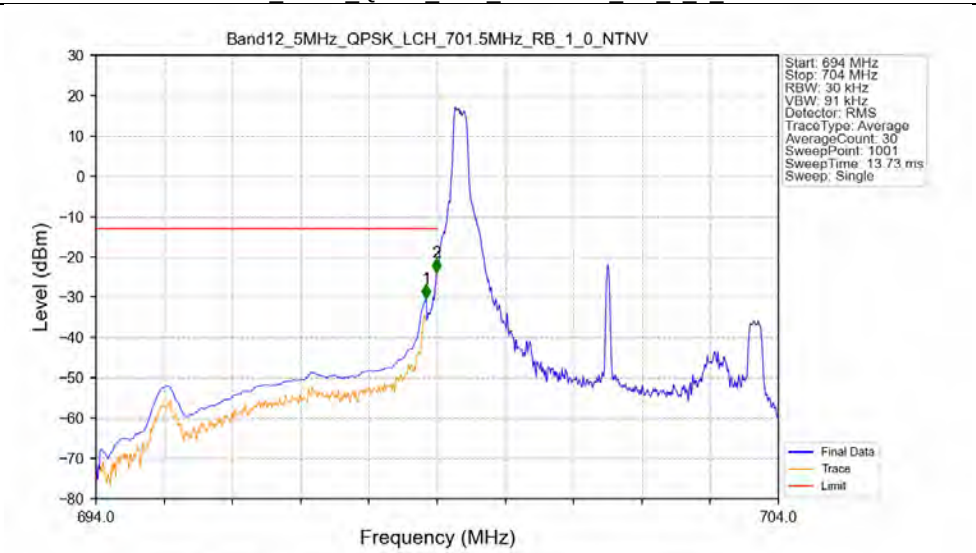
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.006	-28.68	-13	Pass
716.1	719	0.1	CHP	2	716.156	-30.49	-13	Pass

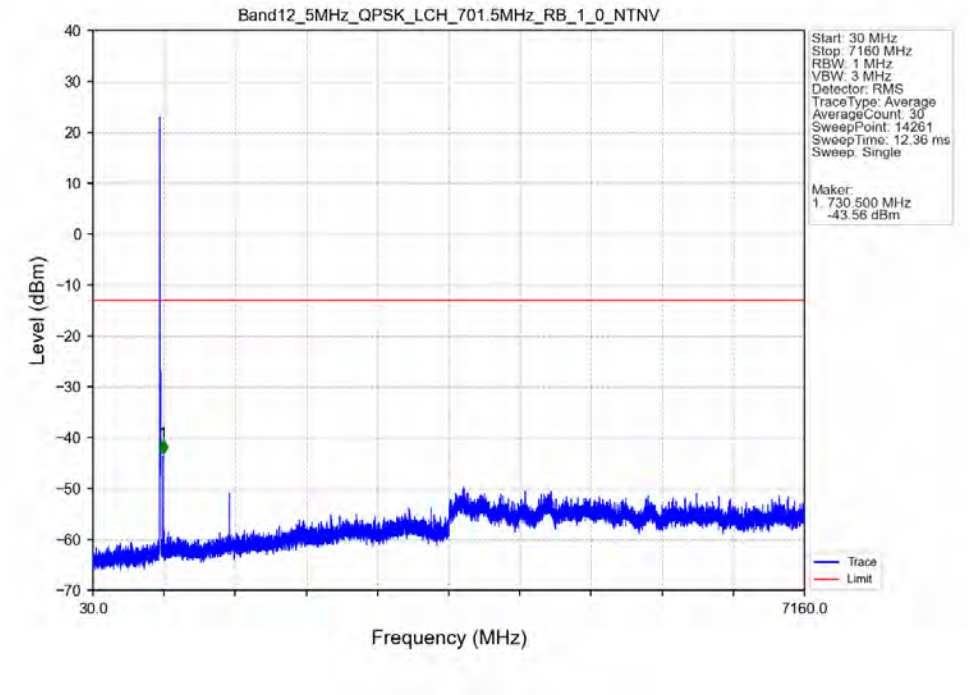
5.2.3 B12_5MHz

Band12_5MHz_QPSK_LCH_701.5MHz_RB_1_0_NTNV

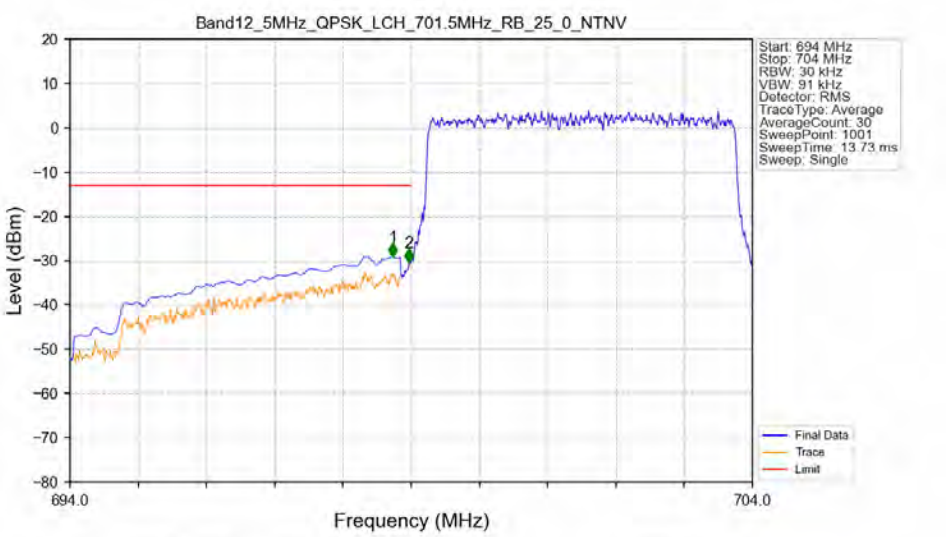


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-30.25	-13	Pass
698.9	699	0.03	/	2	698.990	-23.86	-13	Pass
699	704	0.03	/	/	/	/	/	/

Band12_5MHz_QPSK_LCH_701.5MHz_RB_1_0_NTNV

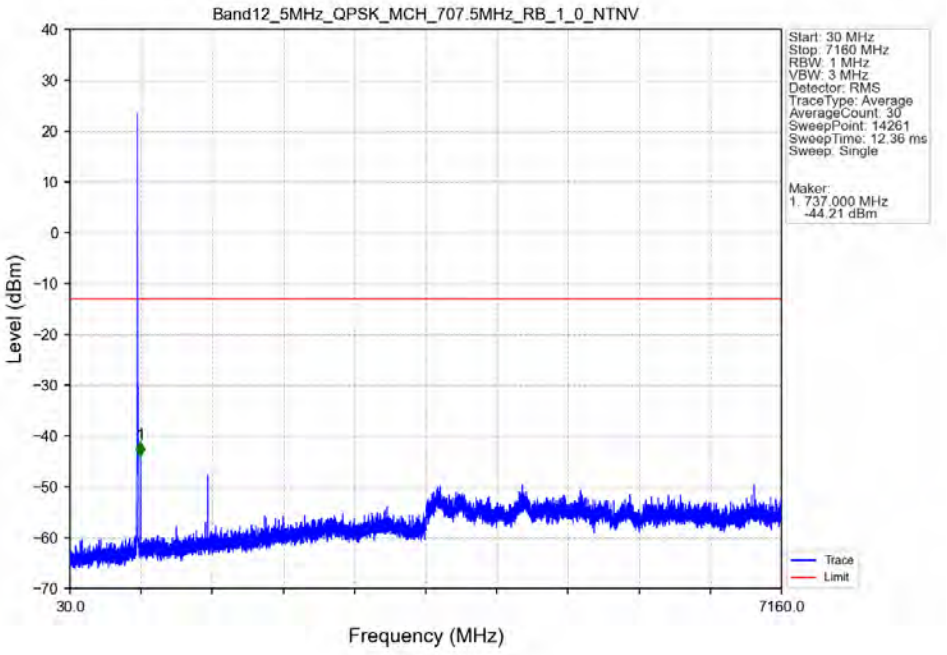


Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV

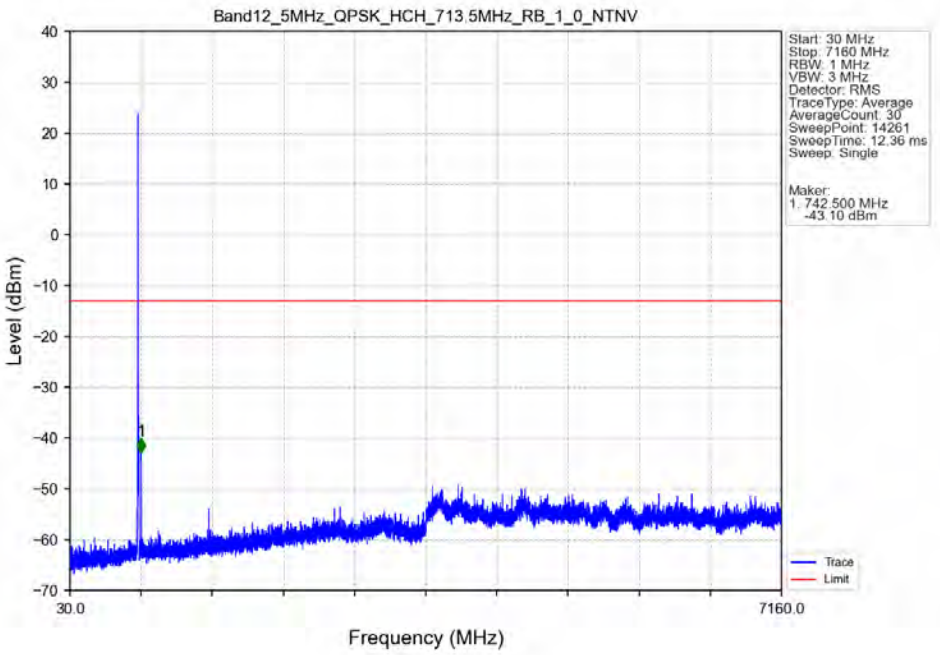


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.730	-29.05	-13	Pass
698.9	699	0.03	/	2	698.970	-30.39	-13	Pass
699	704	0.03	/	/	/	/	/	/

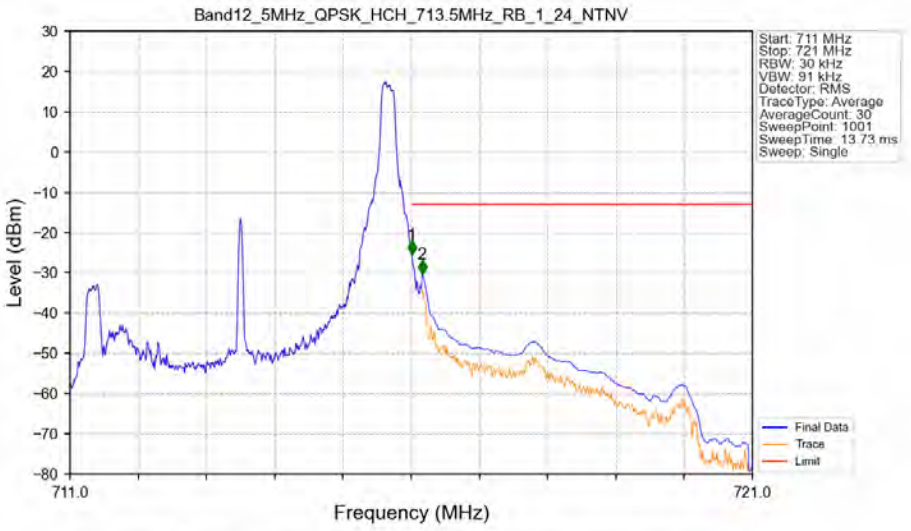
Band12_5MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV

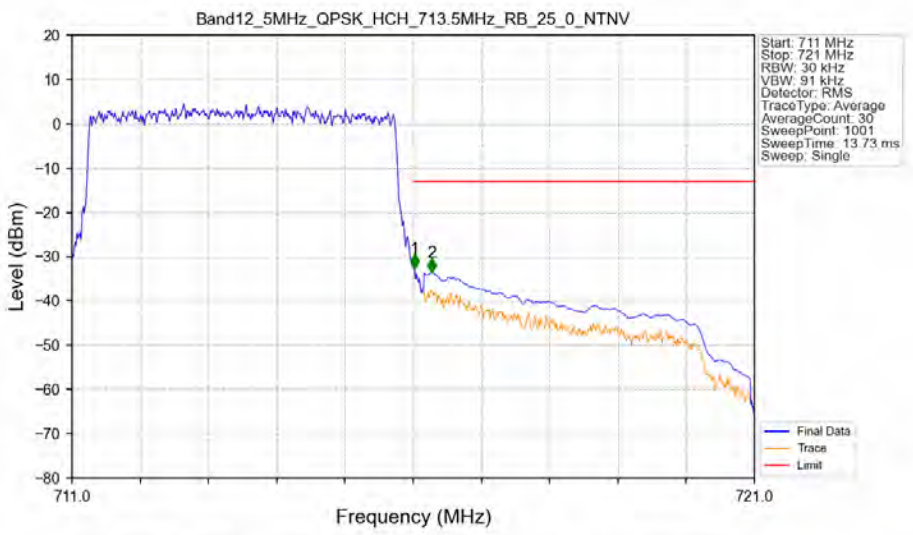


Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-25.52	-13	Pass
716.1	721	0.1	CHP	2	716.160	-30.30	-13	Pass

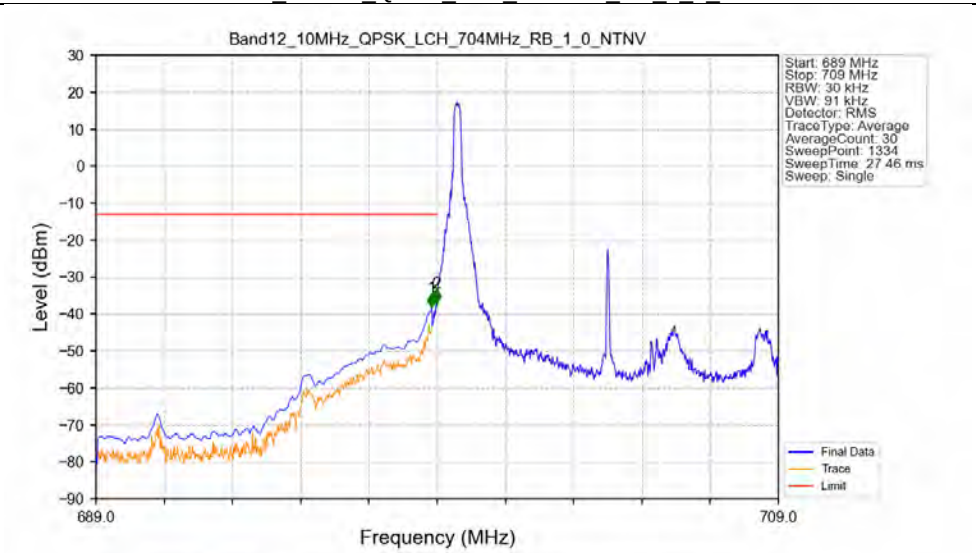
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.020	-32.66	-13	Pass
716.1	721	0.1	CHP	2	716.270	-33.56	-13	Pass

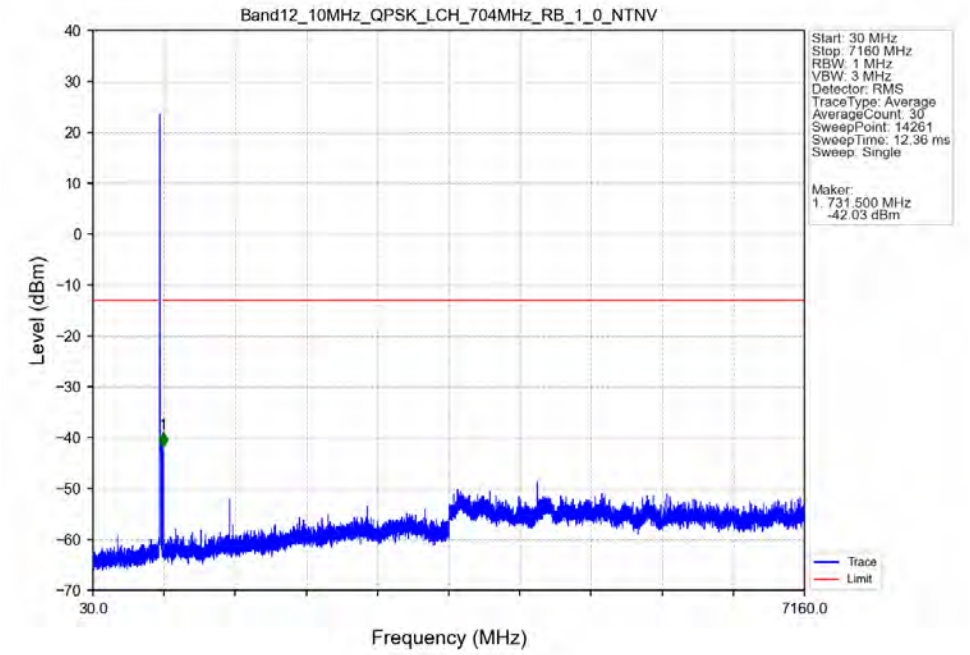
5.2.4 B12_10MHz

Band12_10MHz_QPSK_LCH_704MHz_RB_1_0_NTNV

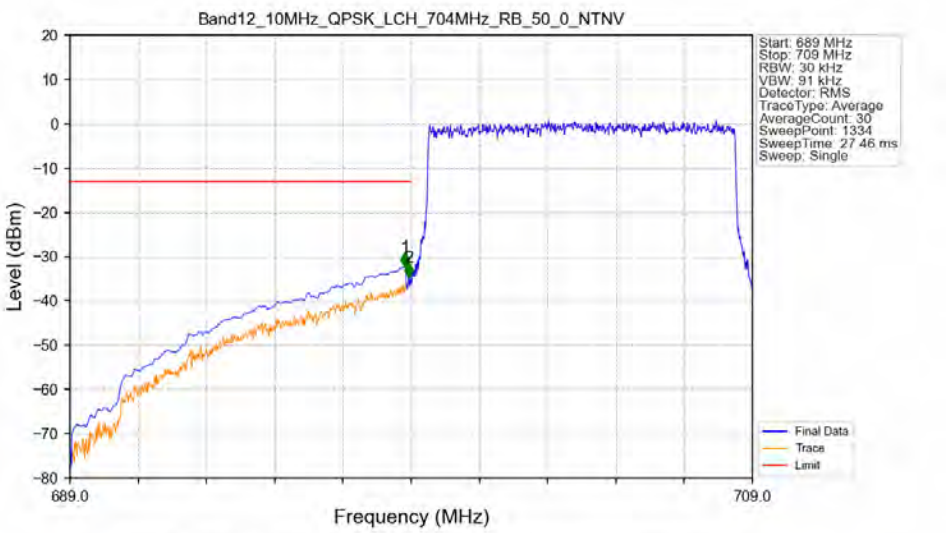


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-38.08	-13	Pass
698.9	699	0.03	/	2	698.977	-37.01	-13	Pass
699	709	0.03	/	/	/	/	/	/

Band12_10MHz_QPSK_LCH_704MHz_RB_1_0_NTNV

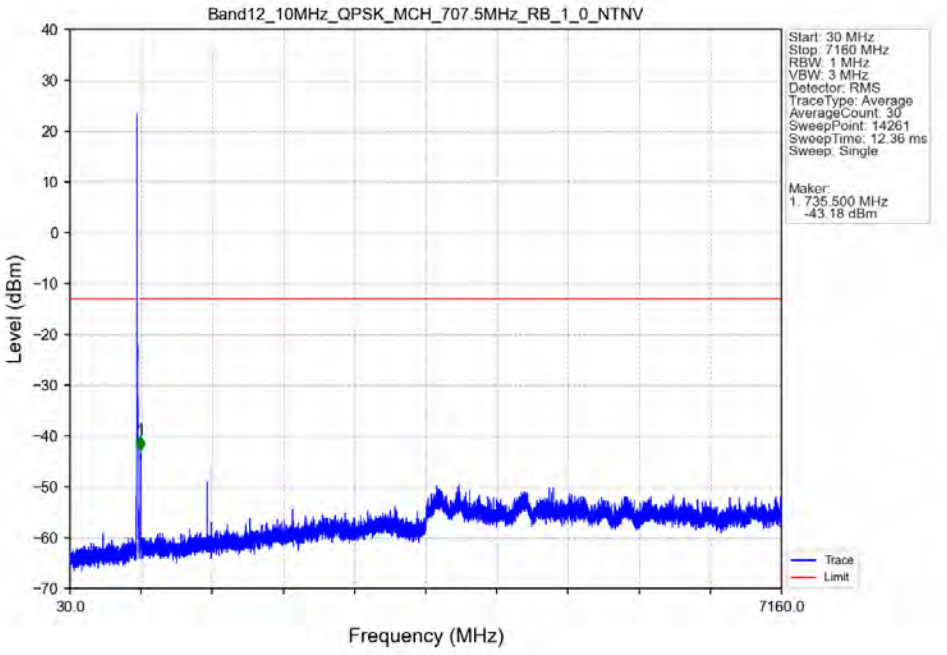


Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV

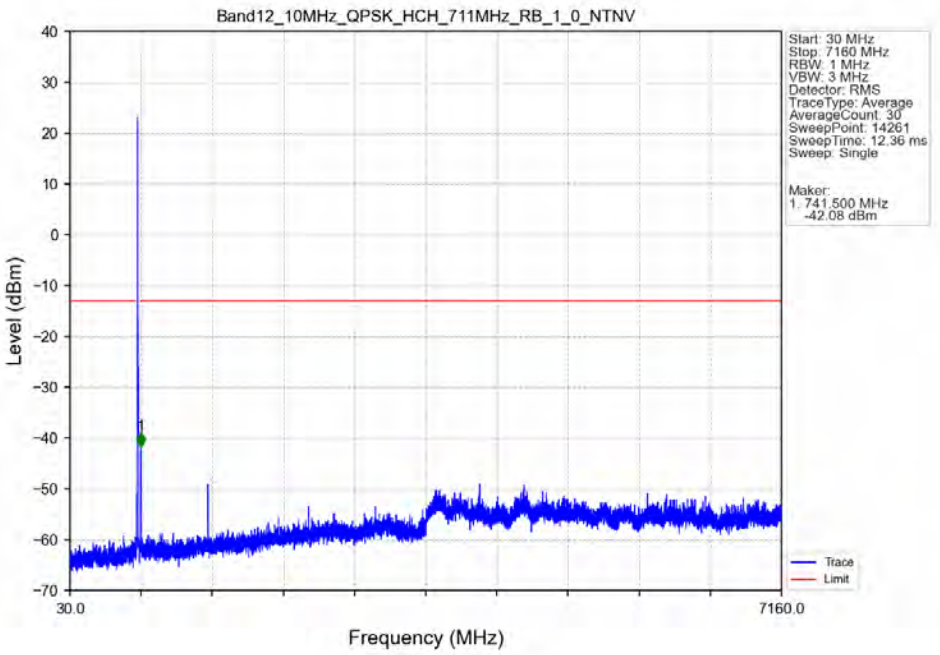


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.812	-32.27	-13	Pass
698.9	699	0.03	/	2	698.932	-34.56	-13	Pass
699	709	0.03	/	/	/	/	/	/

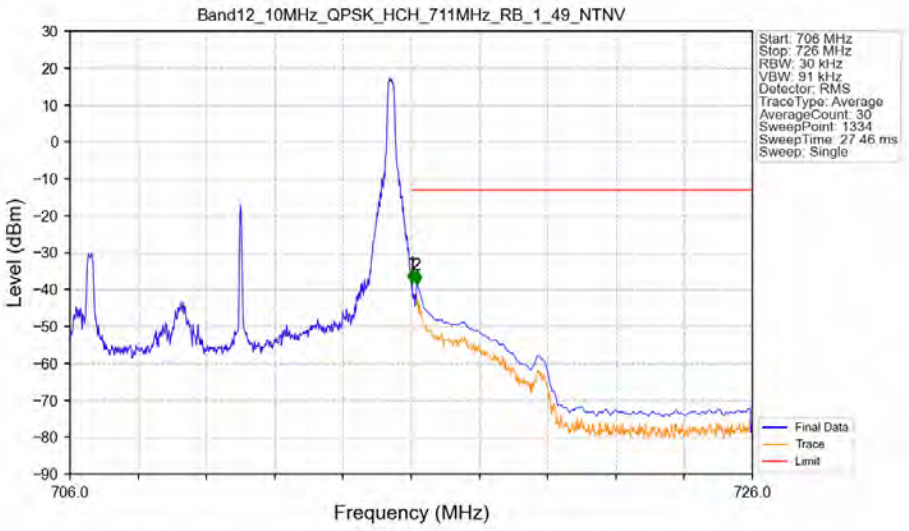
Band12_10MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



Band12_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV

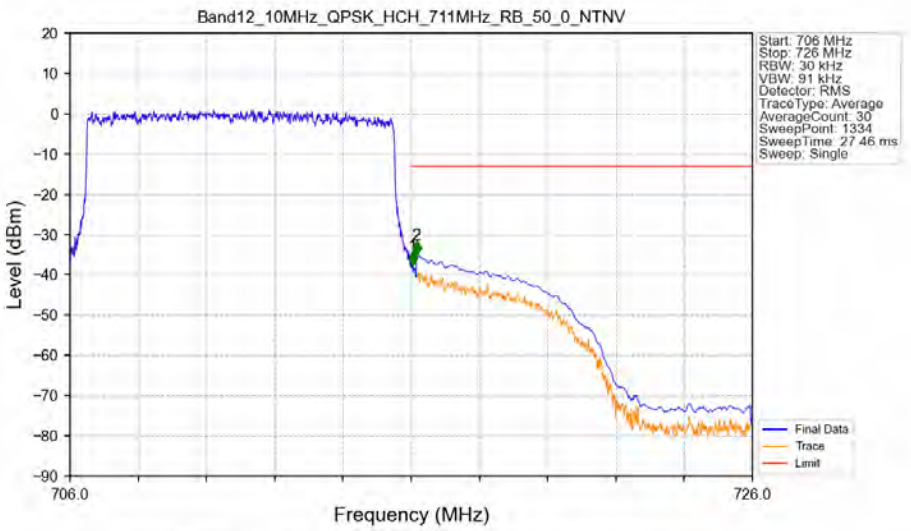


Band12_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.023	-38.15	-13	Pass
716.1	726	0.1	CHP	2	716.158	-38.54	-13	Pass

Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.038	-37.72	-13	Pass
716.1	726	0.1	CHP	2	716.158	-35.07	-13	Pass

6. Field Strength of Spurious Radiation

LTE Band 12-Low channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0				
Frequency	**Spurious Emission Level**		**Limit**	**Margin**
(MHz)	**Polaxis**	**(dBm)**	**(dBm)**	**(dB)**
1399	H	-62.4	-13	49.4
2098.5	H	-59.48	-13	46.48
2798	H	-56.6	-13	43.6
1399	V	-60.56	-13	47.56
2098.5	V	-58.83	-13	45.83
2798	V	-57.45	-13	44.45

LTE Band 12-Middle channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0				
Frequency	**Spurious Emission Level**		**Limit**	**Margin**
(MHz)	**Polaxis**	**(dBm)**	**(dBm)**	**(dB)**
1406	H	-61.09	-13	48.09
2109	H	-57.83	-13	44.83
2812	H	-57.05	-13	44.05
1406	V	-60.57	-13	47.57
2109	V	-58.62	-13	45.62
2812	V	-57.51	-13	44.51

LTE Band 12-High channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0				
Frequency	**Spurious Emission Level**		**Limit**	**Margin**
(MHz)	**Polaxis**	**(dBm)**	**(dBm)**	**(dB)**
1413	H	-59.69	-13	46.69
2119.5	H	-58.27	-13	45.27
2826	H	-57.36	-13	44.36
1413	V	-58.69	-13	45.69
2119.5	V	-59.89	-13	46.89
2826	V	-56.56	-13	43.56