

Appendix Test Data for LTE_band_12

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	23.27	-3.05	18.07	<=34.77	Pass
			2	23.26	-3.05	18.06	<=34.77	Pass
			5	23.31	-3.05	18.11	<=34.77	Pass
		3	0	23.86	-3.05	18.66	<=34.77	Pass
			2	23.87	-3.05	18.67	<=34.77	Pass
			3	23.85	-3.05	18.65	<=34.77	Pass
		6	0	22.86	-3.05	17.66	<=34.77	Pass
	707.5	1	0	23.37	-3.05	18.17	<=34.77	Pass
			2	23.38	-3.05	18.18	<=34.77	Pass
			5	23.36	-3.05	18.16	<=34.77	Pass
		3	0	23.93	-3.05	18.73	<=34.77	Pass
			2	23.91	-3.05	18.71	<=34.77	Pass
			3	23.94	-3.05	18.74	<=34.77	Pass
		6	0	22.97	-3.05	17.77	<=34.77	Pass
	715.3	1	0	23.39	-3.05	18.19	<=34.77	Pass
			2	23.37	-3.05	18.17	<=34.77	Pass
			5	23.36	-3.05	18.16	<=34.77	Pass
		3	0	24.07	-3.05	18.87	<=34.77	Pass
			2	24.09	-3.05	18.89	<=34.77	Pass
			3	24.01	-3.05	18.81	<=34.77	Pass
		6	0	22.99	-3.05	17.79	<=34.77	Pass
16QAM	699.7	1	0	22.34	-3.05	17.14	<=34.77	Pass
			2	22.33	-3.05	17.13	<=34.77	Pass
			5	22.36	-3.05	17.16	<=34.77	Pass
		3	0	22.97	-3.05	17.77	<=34.77	Pass
			2	23.01	-3.05	17.81	<=34.77	Pass
			3	23.01	-3.05	17.81	<=34.77	Pass
		6	0	21.83	-3.05	16.63	<=34.77	Pass
	707.5	1	0	22.59	-3.05	17.39	<=34.77	Pass
			2	22.61	-3.05	17.41	<=34.77	Pass
			5	22.60	-3.05	17.40	<=34.77	Pass
		3	0	22.90	-3.05	17.70	<=34.77	Pass
			2	22.90	-3.05	17.70	<=34.77	Pass
			3	22.91	-3.05	17.71	<=34.77	Pass
		6	0	21.97	-3.05	16.77	<=34.77	Pass
	715.3	1	0	22.57	-3.05	17.37	<=34.77	Pass
			2	22.55	-3.05	17.35	<=34.77	Pass
			5	22.51	-3.05	17.31	<=34.77	Pass
		3	0	23.15	-3.05	17.95	<=34.77	Pass
			2	23.18	-3.05	17.98	<=34.77	Pass
			3	23.17	-3.05	17.97	<=34.77	Pass
		6	0	22.01	-3.05	16.81	<=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	23.32	-3.05	18.12	<=34.77	Pass
			7	23.35	-3.05	18.15	<=34.77	Pass
			14	23.36	-3.05	18.16	<=34.77	Pass
		8	0	22.85	-3.05	17.65	<=34.77	Pass
			4	22.84	-3.05	17.64	<=34.77	Pass
			7	22.84	-3.05	17.64	<=34.77	Pass
		15	0	22.88	-3.05	17.68	<=34.77	Pass
	707.5	1	0	23.35	-3.05	18.15	<=34.77	Pass
			7	23.38	-3.05	18.18	<=34.77	Pass
			14	23.41	-3.05	18.21	<=34.77	Pass
		8	0	22.92	-3.05	17.72	<=34.77	Pass
			4	22.95	-3.05	17.75	<=34.77	Pass
			7	22.91	-3.05	17.71	<=34.77	Pass
		15	0	22.90	-3.05	17.70	<=34.77	Pass
	714.5	1	0	23.62	-3.05	18.42	<=34.77	Pass
			7	23.60	-3.05	18.40	<=34.77	Pass
			14	23.50	-3.05	18.30	<=34.77	Pass
		8	0	22.96	-3.05	17.76	<=34.77	Pass
			4	23.00	-3.05	17.80	<=34.77	Pass
			7	22.97	-3.05	17.77	<=34.77	Pass
		15	0	23.00	-3.05	17.80	<=34.77	Pass
16QAM	700.5	1	0	22.40	-3.05	17.20	<=34.77	Pass
			7	22.41	-3.05	17.21	<=34.77	Pass
			14	22.37	-3.05	17.17	<=34.77	Pass
		8	0	21.92	-3.05	16.72	<=34.77	Pass
			4	21.90	-3.05	16.70	<=34.77	Pass
			7	21.92	-3.05	16.72	<=34.77	Pass
		15	0	21.91	-3.05	16.71	<=34.77	Pass
	707.5	1	0	22.63	-3.05	17.43	<=34.77	Pass
			7	22.62	-3.05	17.42	<=34.77	Pass
			14	22.62	-3.05	17.42	<=34.77	Pass
		8	0	21.89	-3.05	16.69	<=34.77	Pass
			4	21.91	-3.05	16.71	<=34.77	Pass
			7	21.89	-3.05	16.69	<=34.77	Pass
		15	0	21.85	-3.05	16.65	<=34.77	Pass
	714.5	1	0	23.08	-3.05	17.88	<=34.77	Pass
			7	23.01	-3.05	17.81	<=34.77	Pass
			14	22.93	-3.05	17.73	<=34.77	Pass
		8	0	22.20	-3.05	17.00	<=34.77	Pass
			4	22.24	-3.05	17.04	<=34.77	Pass
			7	22.23	-3.05	17.03	<=34.77	Pass
		15	0	22.10	-3.05	16.90	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.3 B12_5MHz_ERP

Band: 12 / Bandwidth: 5MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	701.5	1	0	23.45	-3.05	18.25	<=34.77	Pass
			13	23.39	-3.05	18.19	<=34.77	Pass
			24	23.49	-3.05	18.29	<=34.77	Pass
		12	0	22.92	-3.05	17.72	<=34.77	Pass
			6	22.86	-3.05	17.66	<=34.77	Pass
			13	22.90	-3.05	17.70	<=34.77	Pass
		25	0	22.93	-3.05	17.73	<=34.77	Pass
	707.5	1	0	23.37	-3.05	18.17	<=34.77	Pass
			13	23.43	-3.05	18.23	<=34.77	Pass

16QAM	713.5	12	24	23.50	-3.05	18.30	<=34.77	Pass
			0	22.95	-3.05	17.75	<=34.77	Pass
			6	22.95	-3.05	17.75	<=34.77	Pass
			13	22.92	-3.05	17.72	<=34.77	Pass
		25	0	22.93	-3.05	17.73	<=34.77	Pass
			0	23.71	-3.05	18.51	<=34.77	Pass
			13	23.76	-3.05	18.56	<=34.77	Pass
			24	23.81	-3.05	18.61	<=34.77	Pass
		12	0	23.05	-3.05	17.85	<=34.77	Pass
			6	22.99	-3.05	17.79	<=34.77	Pass
			13	23.02	-3.05	17.82	<=34.77	Pass
			0	23.08	-3.05	17.88	<=34.77	Pass
	701.5	1	0	22.52	-3.05	17.32	<=34.77	Pass
			13	22.44	-3.05	17.24	<=34.77	Pass
			24	22.54	-3.05	17.34	<=34.77	Pass
			0	21.88	-3.05	16.68	<=34.77	Pass
		12	6	21.83	-3.05	16.63	<=34.77	Pass
			13	21.89	-3.05	16.69	<=34.77	Pass
			0	21.94	-3.05	16.74	<=34.77	Pass
			0	22.67	-3.05	17.47	<=34.77	Pass
		1	13	22.70	-3.05	17.50	<=34.77	Pass
			24	22.77	-3.05	17.57	<=34.77	Pass
			0	21.98	-3.05	16.78	<=34.77	Pass
		12	6	21.98	-3.05	16.78	<=34.77	Pass
			13	21.94	-3.05	16.74	<=34.77	Pass
			0	21.93	-3.05	16.73	<=34.77	Pass
	713.5	1	0	22.42	-3.05	17.22	<=34.77	Pass
			13	22.43	-3.05	17.23	<=34.77	Pass
			24	22.42	-3.05	17.22	<=34.77	Pass
			0	22.10	-3.05	16.90	<=34.77	Pass
		12	6	22.03	-3.05	16.83	<=34.77	Pass
			13	22.11	-3.05	16.91	<=34.77	Pass
			0	22.10	-3.05	16.90	<=34.77	Pass
			0	22.10	-3.05	16.90	<=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	23.36	-3.05	18.16	<=34.77	Pass
			25	23.44	-3.05	18.24	<=34.77	Pass
			49	23.53	-3.05	18.33	<=34.77	Pass
		25	0	22.81	-3.05	17.61	<=34.77	Pass
			13	22.88	-3.05	17.68	<=34.77	Pass
			25	22.94	-3.05	17.74	<=34.77	Pass
		50	0	22.90	-3.05	17.70	<=34.77	Pass
	707.5	1	0	23.34	-3.05	18.14	<=34.77	Pass
			25	23.45	-3.05	18.25	<=34.77	Pass
			49	23.50	-3.05	18.30	<=34.77	Pass
		25	0	22.93	-3.05	17.73	<=34.77	Pass
			13	22.96	-3.05	17.76	<=34.77	Pass
			25	22.90	-3.05	17.70	<=34.77	Pass
		50	0	22.92	-3.05	17.72	<=34.77	Pass
	711	1	0	23.46	-3.05	18.26	<=34.77	Pass
			25	23.60	-3.05	18.40	<=34.77	Pass
			49	23.61	-3.05	18.41	<=34.77	Pass
		25	0	23.07	-3.05	17.87	<=34.77	Pass

16QAM	704	50	13	23.03	-3.05	17.83	<=34.77	Pass
			25	23.08	-3.05	17.88	<=34.77	Pass
			0	23.10	-3.05	17.90	<=34.77	Pass
		1	0	22.40	-3.05	17.20	<=34.77	Pass
			25	22.46	-3.05	17.26	<=34.77	Pass
			49	22.54	-3.05	17.34	<=34.77	Pass
		25	0	21.90	-3.05	16.70	<=34.77	Pass
			13	22.04	-3.05	16.84	<=34.77	Pass
			25	22.10	-3.05	16.90	<=34.77	Pass
		50	0	21.91	-3.05	16.71	<=34.77	Pass
	707.5	1	0	22.52	-3.05	17.32	<=34.77	Pass
			25	22.65	-3.05	17.45	<=34.77	Pass
			49	22.67	-3.05	17.47	<=34.77	Pass
		25	0	21.94	-3.05	16.74	<=34.77	Pass
			13	21.99	-3.05	16.79	<=34.77	Pass
			25	21.91	-3.05	16.71	<=34.77	Pass
		50	0	21.89	-3.05	16.69	<=34.77	Pass
	711	1	0	22.94	-3.05	17.74	<=34.77	Pass
			25	23.08	-3.05	17.88	<=34.77	Pass
			49	23.03	-3.05	17.83	<=34.77	Pass
		25	0	22.10	-3.05	16.90	<=34.77	Pass
			13	22.08	-3.05	16.88	<=34.77	Pass
			25	22.11	-3.05	16.91	<=34.77	Pass
		50	0	22.10	-3.05	16.90	<=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	3.23	4.764	0.0068	-2.5 to 2.5	Pass
					3.80	3.047	0.0044	-2.5 to 2.5	Pass
					4.37	1.502	0.0021	-2.5 to 2.5	Pass
				-30	3.80	0.815	0.0012	-2.5 to 2.5	Pass
				-20	3.80	-0.801	-0.0011	-2.5 to 2.5	Pass
				-10	3.80	2.303	0.0033	-2.5 to 2.5	Pass
				0	3.80	-1.702	-0.0024	-2.5 to 2.5	Pass
				10	3.80	-3.905	-0.0056	-2.5 to 2.5	Pass
				30	3.80	4.506	0.0064	-2.5 to 2.5	Pass
				40	3.80	0.401	0.0006	-2.5 to 2.5	Pass
				50	3.80	2.360	0.0034	-2.5 to 2.5	Pass
	707.5	6	0	20	3.23	-3.619	-0.0051	-2.5 to 2.5	Pass
					3.80	-2.646	-0.0037	-2.5 to 2.5	Pass
					4.37	4.506	0.0064	-2.5 to 2.5	Pass
				-30	3.80	2.031	0.0029	-2.5 to 2.5	Pass
				-20	3.80	3.605	0.0051	-2.5 to 2.5	Pass
				-10	3.80	-0.200	-0.0003	-2.5 to 2.5	Pass
				0	3.80	-3.233	-0.0046	-2.5 to 2.5	Pass
				10	3.80	2.403	0.0034	-2.5 to 2.5	Pass
				30	3.80	6.008	0.0085	-2.5 to 2.5	Pass
				40	3.80	-0.629	-0.0009	-2.5 to 2.5	Pass

16QAM	715.3	6	0	50	3.80	1.545	0.0022	-2.5 to 2.5	Pass
				20	3.23	3.161	0.0044	-2.5 to 2.5	Pass
					3.80	-1.945	-0.0027	-2.5 to 2.5	Pass
					4.37	-1.931	-0.0027	-2.5 to 2.5	Pass
				-30	3.80	-0.186	-0.0003	-2.5 to 2.5	Pass
				-20	3.80	-2.775	-0.0039	-2.5 to 2.5	Pass
				-10	3.80	-1.216	-0.0017	-2.5 to 2.5	Pass
				0	3.80	2.961	0.0041	-2.5 to 2.5	Pass
				10	3.80	-0.286	-0.0004	-2.5 to 2.5	Pass
				30	3.80	2.675	0.0037	-2.5 to 2.5	Pass
				40	3.80	3.390	0.0047	-2.5 to 2.5	Pass
				50	3.80	-2.847	-0.0040	-2.5 to 2.5	Pass
16QAM	699.7	6	0	20	3.23	-1.802	-0.0026	-2.5 to 2.5	Pass
					3.80	0.587	0.0008	-2.5 to 2.5	Pass
					4.37	1.001	0.0014	-2.5 to 2.5	Pass
					3.80	3.476	0.0050	-2.5 to 2.5	Pass
				-30	3.80	0.472	0.0007	-2.5 to 2.5	Pass
				-20	3.80	-0.014	0.0000	-2.5 to 2.5	Pass
				-10	3.80	-0.014	0.0000	-2.5 to 2.5	Pass
				0	3.80	0.057	0.0001	-2.5 to 2.5	Pass
				10	3.80	-0.043	-0.0001	-2.5 to 2.5	Pass
				30	3.80	0.815	0.0012	-2.5 to 2.5	Pass
				40	3.80	3.791	0.0054	-2.5 to 2.5	Pass
				50	3.80	0.958	0.0014	-2.5 to 2.5	Pass
	707.5	6	0	20	3.23	5.779	0.0082	-2.5 to 2.5	Pass
					3.80	-2.847	-0.0040	-2.5 to 2.5	Pass
					4.37	0.443	0.0006	-2.5 to 2.5	Pass
					3.80	-0.415	-0.0006	-2.5 to 2.5	Pass
				-30	3.80	-3.290	-0.0047	-2.5 to 2.5	Pass
				-20	3.80	-4.678	-0.0066	-2.5 to 2.5	Pass
				-10	3.80	0.472	0.0007	-2.5 to 2.5	Pass
				0	3.80	0.472	0.0007	-2.5 to 2.5	Pass
				10	3.80	2.246	0.0032	-2.5 to 2.5	Pass
				30	3.80	1.931	0.0027	-2.5 to 2.5	Pass
				40	3.80	-3.347	-0.0047	-2.5 to 2.5	Pass
				50	3.80	-1.044	-0.0015	-2.5 to 2.5	Pass
	715.3	6	0	20	3.23	1.087	0.0015	-2.5 to 2.5	Pass
					3.80	3.519	0.0049	-2.5 to 2.5	Pass
					4.37	-0.672	-0.0009	-2.5 to 2.5	Pass
					3.80	-1.760	-0.0025	-2.5 to 2.5	Pass
				-30	3.80	1.316	0.0018	-2.5 to 2.5	Pass
				-20	3.80	1.316	0.0018	-2.5 to 2.5	Pass
				-10	3.80	-0.472	-0.0007	-2.5 to 2.5	Pass
				0	3.80	0.401	0.0006	-2.5 to 2.5	Pass
				10	3.80	-2.046	-0.0029	-2.5 to 2.5	Pass
				30	3.80	-1.931	-0.0027	-2.5 to 2.5	Pass
				40	3.80	-0.916	-0.0013	-2.5 to 2.5	Pass
				50	3.80	-5.593	-0.0078	-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	3.23	-0.787	-0.0011	-2.5 to 2.5	Pass
					3.80	-1.631	-0.0023	-2.5 to 2.5	Pass
					4.37	-1.030	-0.0015	-2.5 to 2.5	Pass
				-30	3.80	0.772	0.0011	-2.5 to 2.5	Pass
				-20	3.80	-2.260	-0.0032	-2.5 to 2.5	Pass
				-10	3.80	-0.930	-0.0013	-2.5 to 2.5	Pass
				0	3.80	0.157	0.0002	-2.5 to 2.5	Pass

				10	3.80	0.200	0.0003	-2.5 to 2.5	Pass
				30	3.80	0.057	0.0001	-2.5 to 2.5	Pass
				40	3.80	2.060	0.0029	-2.5 to 2.5	Pass
				50	3.80	3.762	0.0054	-2.5 to 2.5	Pass
	707.5	15	0	20	3.23	3.519	0.0050	-2.5 to 2.5	Pass
					3.80	4.420	0.0062	-2.5 to 2.5	Pass
					4.37	0.443	0.0006	-2.5 to 2.5	Pass
				-30	3.80	1.559	0.0022	-2.5 to 2.5	Pass
				-20	3.80	2.561	0.0036	-2.5 to 2.5	Pass
				-10	3.80	4.892	0.0069	-2.5 to 2.5	Pass
				0	3.80	1.059	0.0015	-2.5 to 2.5	Pass
				10	3.80	-0.486	-0.0007	-2.5 to 2.5	Pass
				30	3.80	0.100	0.0001	-2.5 to 2.5	Pass
				40	3.80	0.100	0.0001	-2.5 to 2.5	Pass
				50	3.80	-1.988	-0.0028	-2.5 to 2.5	Pass
	714.5	15	0	20	3.23	-0.958	-0.0013	-2.5 to 2.5	Pass
					3.80	3.762	0.0053	-2.5 to 2.5	Pass
					4.37	1.416	0.0020	-2.5 to 2.5	Pass
				-30	3.80	1.359	0.0019	-2.5 to 2.5	Pass
				-20	3.80	3.233	0.0045	-2.5 to 2.5	Pass
				-10	3.80	0.715	0.0010	-2.5 to 2.5	Pass
				0	3.80	1.016	0.0014	-2.5 to 2.5	Pass
				10	3.80	-0.072	-0.0001	-2.5 to 2.5	Pass
				30	3.80	1.473	0.0021	-2.5 to 2.5	Pass
				40	3.80	-0.114	-0.0002	-2.5 to 2.5	Pass
				50	3.80	0.472	0.0007	-2.5 to 2.5	Pass
16QAM	700.5	15	0	20	3.23	-0.787	-0.0011	-2.5 to 2.5	Pass
					3.80	-1.931	-0.0028	-2.5 to 2.5	Pass
					4.37	2.432	0.0035	-2.5 to 2.5	Pass
				-30	3.80	-6.423	-0.0092	-2.5 to 2.5	Pass
				-20	3.80	3.963	0.0057	-2.5 to 2.5	Pass
				-10	3.80	2.503	0.0036	-2.5 to 2.5	Pass
				0	3.80	-0.300	-0.0004	-2.5 to 2.5	Pass
				10	3.80	1.817	0.0026	-2.5 to 2.5	Pass
				30	3.80	2.646	0.0038	-2.5 to 2.5	Pass
				40	3.80	-0.472	-0.0007	-2.5 to 2.5	Pass
				50	3.80	3.548	0.0051	-2.5 to 2.5	Pass
	707.5	15	0	20	3.23	-3.877	-0.0055	-2.5 to 2.5	Pass
					3.80	3.934	0.0056	-2.5 to 2.5	Pass
					4.37	4.020	0.0057	-2.5 to 2.5	Pass
				-30	3.80	-1.502	-0.0021	-2.5 to 2.5	Pass
				-20	3.80	-0.157	-0.0002	-2.5 to 2.5	Pass
				-10	3.80	-1.302	-0.0018	-2.5 to 2.5	Pass
				0	3.80	-1.373	-0.0019	-2.5 to 2.5	Pass
				10	3.80	-2.289	-0.0032	-2.5 to 2.5	Pass
				30	3.80	2.232	0.0032	-2.5 to 2.5	Pass
				40	3.80	-3.419	-0.0048	-2.5 to 2.5	Pass
				50	3.80	-2.017	-0.0029	-2.5 to 2.5	Pass
	714.5	15	0	20	3.23	3.920	0.0055	-2.5 to 2.5	Pass
					3.80	1.431	0.0020	-2.5 to 2.5	Pass
					4.37	1.502	0.0021	-2.5 to 2.5	Pass
				-30	3.80	3.290	0.0046	-2.5 to 2.5	Pass
				-20	3.80	3.905	0.0055	-2.5 to 2.5	Pass
				-10	3.80	0.157	0.0002	-2.5 to 2.5	Pass
				0	3.80	-0.215	-0.0003	-2.5 to 2.5	Pass
				10	3.80	3.519	0.0049	-2.5 to 2.5	Pass
				30	3.80	-1.073	-0.0015	-2.5 to 2.5	Pass
				40	3.80	2.489	0.0035	-2.5 to 2.5	Pass
				50	3.80	-2.818	-0.0039	-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	3.23	-2.747	-0.0039	-2.5 to 2.5	Pass
					3.80	-0.172	-0.0002	-2.5 to 2.5	Pass
					4.37	-2.375	-0.0034	-2.5 to 2.5	Pass
				-30	3.80	0.687	0.0010	-2.5 to 2.5	Pass
				-20	3.80	0.458	0.0007	-2.5 to 2.5	Pass
				-10	3.80	5.836	0.0083	-2.5 to 2.5	Pass
				0	3.80	0.472	0.0007	-2.5 to 2.5	Pass
				10	3.80	0.172	0.0002	-2.5 to 2.5	Pass
				30	3.80	-1.645	-0.0023	-2.5 to 2.5	Pass
				40	3.80	2.131	0.0030	-2.5 to 2.5	Pass
				50	3.80	1.016	0.0014	-2.5 to 2.5	Pass
	707.5	25	0	20	3.23	-2.575	-0.0036	-2.5 to 2.5	Pass
					3.80	-1.302	-0.0018	-2.5 to 2.5	Pass
					4.37	-1.373	-0.0019	-2.5 to 2.5	Pass
				-30	3.80	0.515	0.0007	-2.5 to 2.5	Pass
				-20	3.80	-0.787	-0.0011	-2.5 to 2.5	Pass
				-10	3.80	-1.831	-0.0026	-2.5 to 2.5	Pass
				0	3.80	0.300	0.0004	-2.5 to 2.5	Pass
				10	3.80	0.987	0.0014	-2.5 to 2.5	Pass
				30	3.80	1.688	0.0024	-2.5 to 2.5	Pass
				40	3.80	-2.189	-0.0031	-2.5 to 2.5	Pass
				50	3.80	-2.232	-0.0032	-2.5 to 2.5	Pass
	713.5	25	0	20	3.23	-2.389	-0.0033	-2.5 to 2.5	Pass
					3.80	-0.029	0.0000	-2.5 to 2.5	Pass
					4.37	-6.967	-0.0098	-2.5 to 2.5	Pass
				-30	3.80	-1.931	-0.0027	-2.5 to 2.5	Pass
				-20	3.80	-1.516	-0.0021	-2.5 to 2.5	Pass
				-10	3.80	0.572	0.0008	-2.5 to 2.5	Pass
				0	3.80	-2.789	-0.0039	-2.5 to 2.5	Pass
				10	3.80	1.903	0.0027	-2.5 to 2.5	Pass
				30	3.80	-1.230	-0.0017	-2.5 to 2.5	Pass
				40	3.80	1.144	0.0016	-2.5 to 2.5	Pass
16QAM	701.5	25	0	20	3.23	0.701	0.0010	-2.5 to 2.5	Pass
					3.80	2.074	0.0030	-2.5 to 2.5	Pass
					4.37	-1.287	-0.0018	-2.5 to 2.5	Pass
				-30	3.80	1.431	0.0020	-2.5 to 2.5	Pass
				-20	3.80	-0.129	-0.0002	-2.5 to 2.5	Pass
				-10	3.80	-2.761	-0.0039	-2.5 to 2.5	Pass
				0	3.80	-2.160	-0.0031	-2.5 to 2.5	Pass
				10	3.80	1.144	0.0016	-2.5 to 2.5	Pass
				30	3.80	1.817	0.0026	-2.5 to 2.5	Pass
				40	3.80	-2.017	-0.0029	-2.5 to 2.5	Pass
				50	3.80	-2.074	-0.0030	-2.5 to 2.5	Pass
	707.5	25	0	20	3.23	2.146	0.0030	-2.5 to 2.5	Pass
					3.80	-5.794	-0.0082	-2.5 to 2.5	Pass
					4.37	-1.774	-0.0025	-2.5 to 2.5	Pass
				-30	3.80	-0.343	-0.0005	-2.5 to 2.5	Pass
				-20	3.80	0.558	0.0008	-2.5 to 2.5	Pass
				-10	3.80	-5.822	-0.0082	-2.5 to 2.5	Pass
				0	3.80	-1.101	-0.0016	-2.5 to 2.5	Pass
				10	3.80	-1.173	-0.0017	-2.5 to 2.5	Pass

	713.5	25	0	30	3.80	-0.973	-0.0014	-2.5 to 2.5	Pass
				40	3.80	-2.060	-0.0029	-2.5 to 2.5	Pass
				50	3.80	-6.380	-0.0090	-2.5 to 2.5	Pass
				20	3.23	0.529	0.0007	-2.5 to 2.5	Pass
					3.80	0.029	0.0000	-2.5 to 2.5	Pass
					4.37	1.073	0.0015	-2.5 to 2.5	Pass
				-30	3.80	-3.319	-0.0047	-2.5 to 2.5	Pass
				-20	3.80	3.047	0.0043	-2.5 to 2.5	Pass
				-10	3.80	-1.488	-0.0021	-2.5 to 2.5	Pass
				0	3.80	-0.014	0.0000	-2.5 to 2.5	Pass
				10	3.80	5.436	0.0076	-2.5 to 2.5	Pass
				30	3.80	-1.502	-0.0021	-2.5 to 2.5	Pass
				40	3.80	-1.459	-0.0020	-2.5 to 2.5	Pass
				50	3.80	-1.388	-0.0019	-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	3.23	-1.359	-0.0019	-2.5 to 2.5	Pass
					3.80	-0.844	-0.0012	-2.5 to 2.5	Pass
					4.37	-1.431	-0.0020	-2.5 to 2.5	Pass
				-30	3.80	-1.173	-0.0017	-2.5 to 2.5	Pass
				-20	3.80	-1.917	-0.0027	-2.5 to 2.5	Pass
				-10	3.80	-0.486	-0.0007	-2.5 to 2.5	Pass
				0	3.80	-0.272	-0.0004	-2.5 to 2.5	Pass
				10	3.80	0.973	0.0014	-2.5 to 2.5	Pass
				30	3.80	-1.245	-0.0018	-2.5 to 2.5	Pass
				40	3.80	-0.272	-0.0004	-2.5 to 2.5	Pass
				50	3.80	-1.130	-0.0016	-2.5 to 2.5	Pass
	707.5	50	0	20	3.23	1.659	0.0023	-2.5 to 2.5	Pass
					3.80	-1.130	-0.0016	-2.5 to 2.5	Pass
					4.37	1.874	0.0026	-2.5 to 2.5	Pass
				-30	3.80	-0.830	-0.0012	-2.5 to 2.5	Pass
				-20	3.80	-0.701	-0.0010	-2.5 to 2.5	Pass
				-10	3.80	0.587	0.0008	-2.5 to 2.5	Pass
				0	3.80	1.316	0.0019	-2.5 to 2.5	Pass
				10	3.80	-0.858	-0.0012	-2.5 to 2.5	Pass
				30	3.80	-2.704	-0.0038	-2.5 to 2.5	Pass
				40	3.80	-1.345	-0.0019	-2.5 to 2.5	Pass
				50	3.80	-2.046	-0.0029	-2.5 to 2.5	Pass
	711	50	0	20	3.23	1.516	0.0021	-2.5 to 2.5	Pass
					3.80	1.831	0.0026	-2.5 to 2.5	Pass
					4.37	0.544	0.0008	-2.5 to 2.5	Pass
				-30	3.80	-1.059	-0.0015	-2.5 to 2.5	Pass
				-20	3.80	0.172	0.0002	-2.5 to 2.5	Pass
				-10	3.80	0.501	0.0007	-2.5 to 2.5	Pass
				0	3.80	-0.157	-0.0002	-2.5 to 2.5	Pass
				10	3.80	-5.579	-0.0078	-2.5 to 2.5	Pass
				30	3.80	-0.429	-0.0006	-2.5 to 2.5	Pass
				40	3.80	0.072	0.0001	-2.5 to 2.5	Pass
				50	3.80	1.717	0.0024	-2.5 to 2.5	Pass
16QAM	704	50	0	20	3.23	0.014	0.0000	-2.5 to 2.5	Pass
					3.80	-2.503	-0.0036	-2.5 to 2.5	Pass
					4.37	-2.031	-0.0029	-2.5 to 2.5	Pass
				-30	3.80	-0.587	-0.0008	-2.5 to 2.5	Pass
				-20	3.80	-2.346	-0.0033	-2.5 to 2.5	Pass

				-10	3.80	-1.287	-0.0018	-2.5 to 2.5	Pass
				0	3.80	-0.386	-0.0005	-2.5 to 2.5	Pass
				10	3.80	-0.072	-0.0001	-2.5 to 2.5	Pass
				30	3.80	-4.992	-0.0071	-2.5 to 2.5	Pass
				40	3.80	0.701	0.0010	-2.5 to 2.5	Pass
				50	3.80	-0.415	-0.0006	-2.5 to 2.5	Pass
	707.5	50	0	20	3.23	0.000	0.0000	-2.5 to 2.5	Pass
					3.80	-2.003	-0.0028	-2.5 to 2.5	Pass
					4.37	-1.030	-0.0015	-2.5 to 2.5	Pass
				-30	3.80	0.086	0.0001	-2.5 to 2.5	Pass
				-20	3.80	-2.503	-0.0035	-2.5 to 2.5	Pass
				-10	3.80	-1.802	-0.0025	-2.5 to 2.5	Pass
				0	3.80	-1.616	-0.0023	-2.5 to 2.5	Pass
				10	3.80	-0.930	-0.0013	-2.5 to 2.5	Pass
				30	3.80	-0.229	-0.0003	-2.5 to 2.5	Pass
				40	3.80	2.818	0.0040	-2.5 to 2.5	Pass
				50	3.80	-3.018	-0.0043	-2.5 to 2.5	Pass
	711	50	0	20	3.23	1.073	0.0015	-2.5 to 2.5	Pass
					3.80	0.944	0.0013	-2.5 to 2.5	Pass
					4.37	-0.544	-0.0008	-2.5 to 2.5	Pass
				-30	3.80	1.173	0.0016	-2.5 to 2.5	Pass
				-20	3.80	0.544	0.0008	-2.5 to 2.5	Pass
				-10	3.80	-0.286	-0.0004	-2.5 to 2.5	Pass
				0	3.80	2.117	0.0030	-2.5 to 2.5	Pass
				10	3.80	0.844	0.0012	-2.5 to 2.5	Pass
				30	3.80	-1.202	-0.0017	-2.5 to 2.5	Pass
				40	3.80	0.830	0.0012	-2.5 to 2.5	Pass
				50	3.80	-1.445	-0.0020	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B12_1.4MHz

Band: 12 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	707.5	6	0	Refer To Test Graph		Pass
16QAM	707.5	6	0	Refer To Test Graph		Pass

3.1.2 B12_3MHz

Band: 12 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	707.5	15	0	Refer To Test Graph		Pass
16QAM	707.5	15	0	Refer To Test Graph		Pass

3.1.3 B12_5MHz

Band: 12 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	



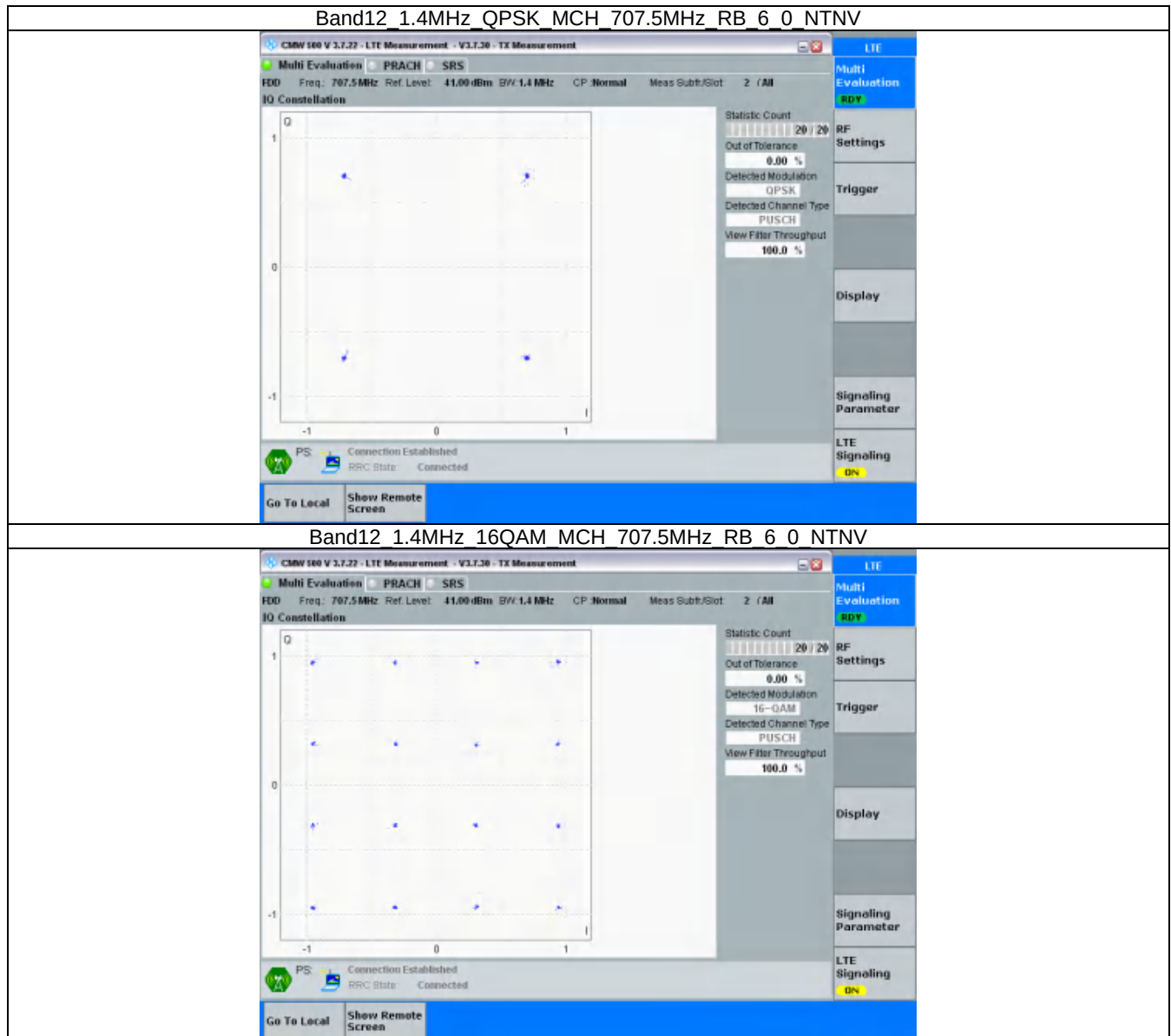
QPSK	707.5	25	0	Refer To Test Graph	Pass
16QAM	707.5	25	0	Refer To Test Graph	Pass

3.1.4 B12_10MHz

Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	707.5	50	0	Refer To Test Graph		Pass
16QAM	707.5	50	0	Refer To Test Graph		Pass

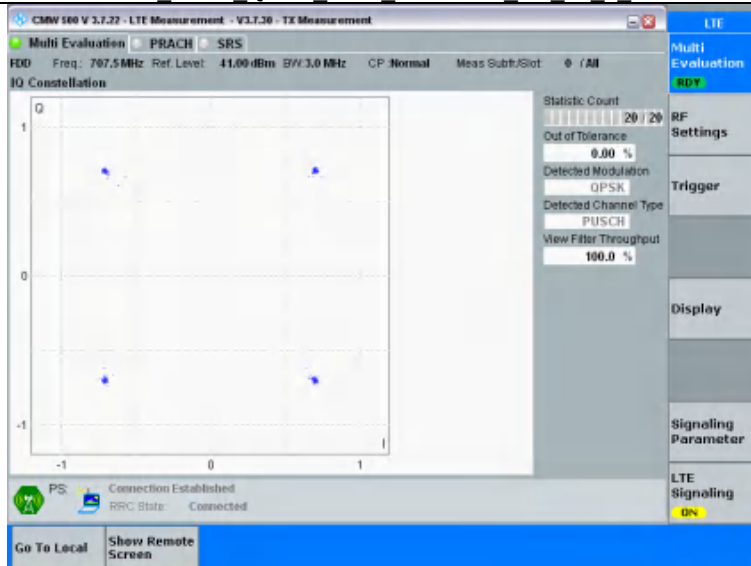
3.2 Test Graph

3.2.1 B12_1.4MHz

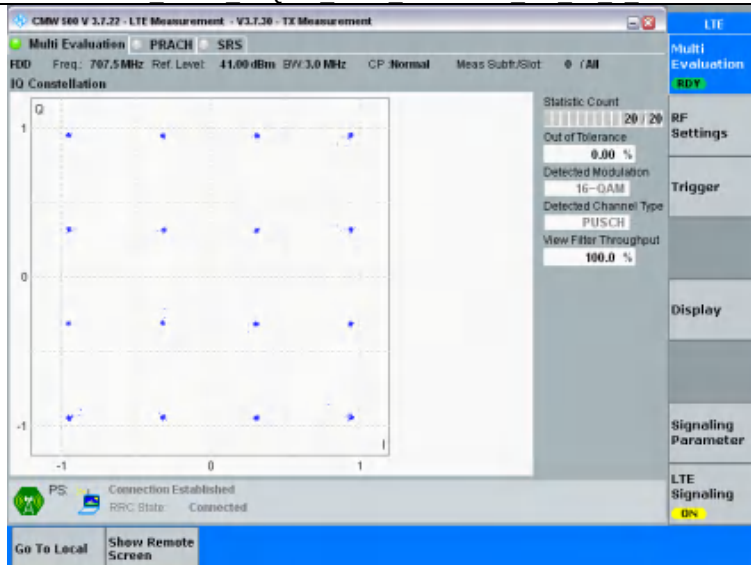


3.2.2 B12_3MHz

Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV

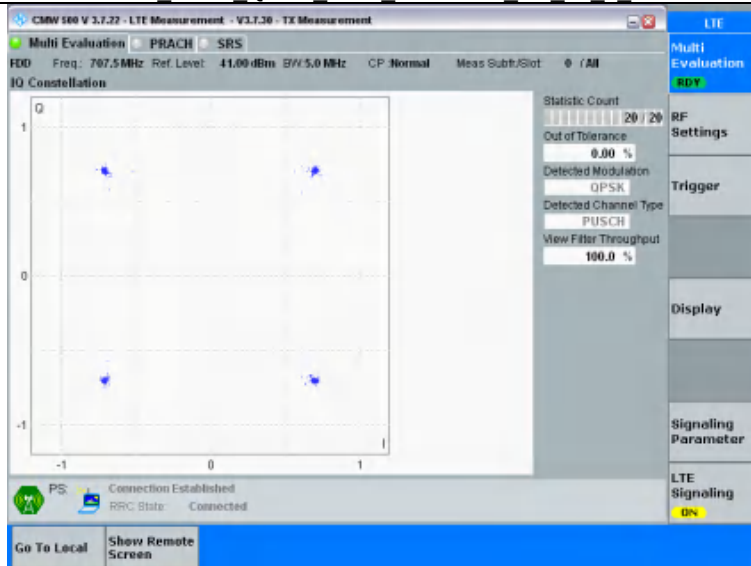


Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV

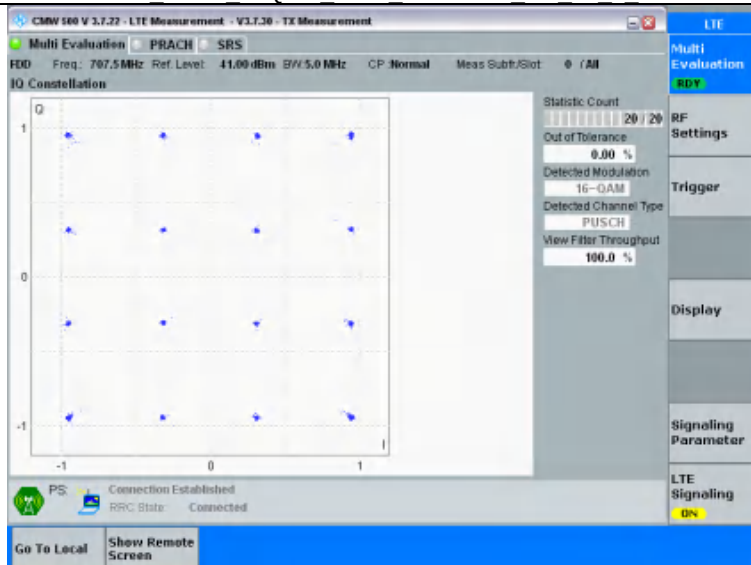


3.2.3 B12_5MHz

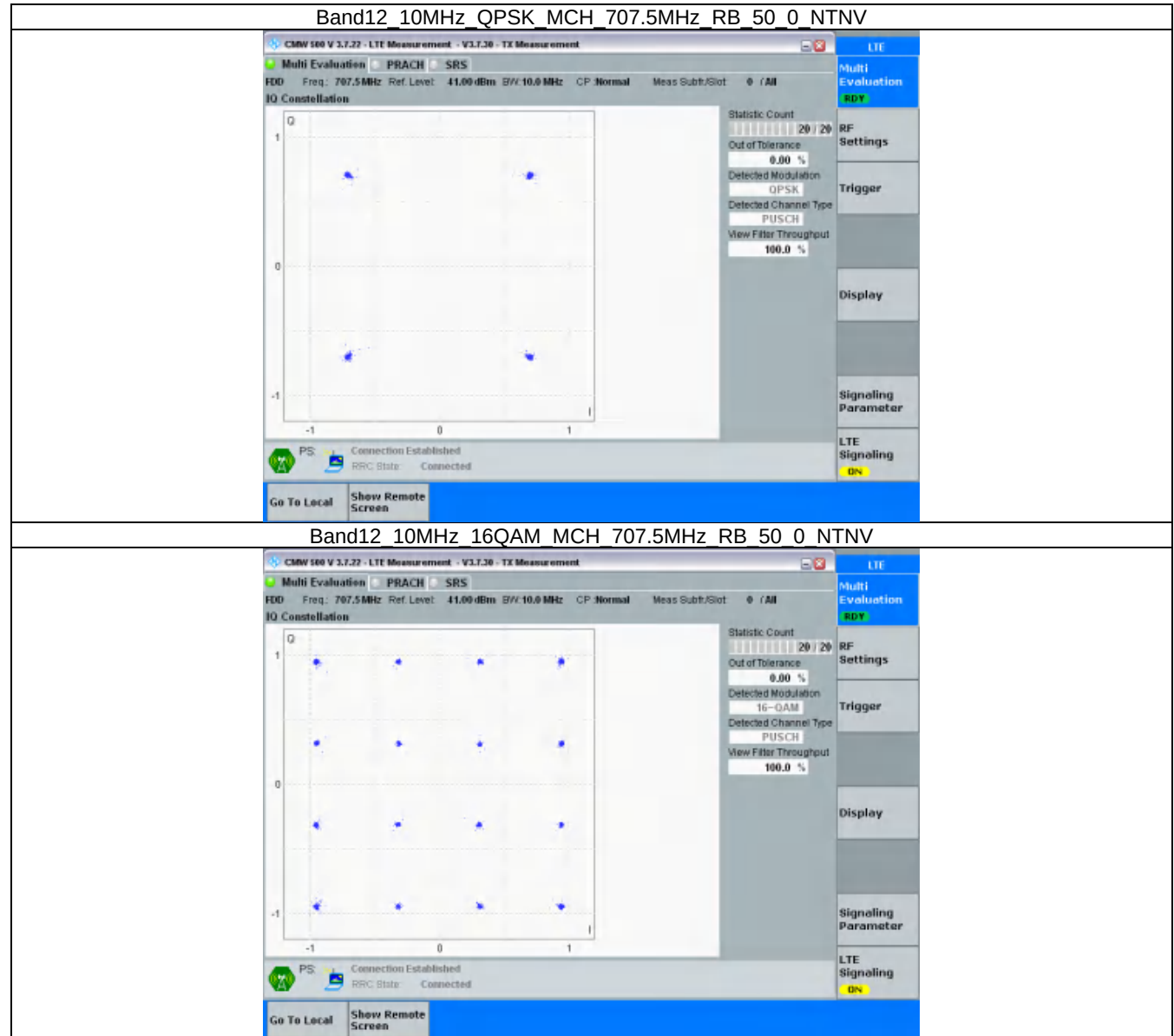
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



3.2.4 B12_10MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 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	1.112	/	Pass
		707.5	6	0	1.114	/	Pass
		715.3	6	0	1.114	/	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	2.731	/	Pass
		707.5	15	0	2.723	/	Pass
		714.5	15	0	2.737	/	Pass
	16QAM	700.5	15	0	2.720	/	Pass
		707.5	15	0	2.731	/	Pass
		714.5	15	0	2.721	/	Pass
5	QPSK	701.5	25	0	4.550	/	Pass
		707.5	25	0	4.538	/	Pass
		713.5	25	0	4.559	/	Pass
	16QAM	701.5	25	0	4.562	/	Pass
		707.5	25	0	4.569	/	Pass
		713.5	25	0	4.544	/	Pass
10	QPSK	704	50	0	9.039	/	Pass
		707.5	50	0	9.030	/	Pass
		711	50	0	9.082	/	Pass
	16QAM	704	50	0	9.040	/	Pass
		707.5	50	0	9.044	/	Pass
		711	50	0	9.068	/	Pass

4.1.2 Band12_XDB

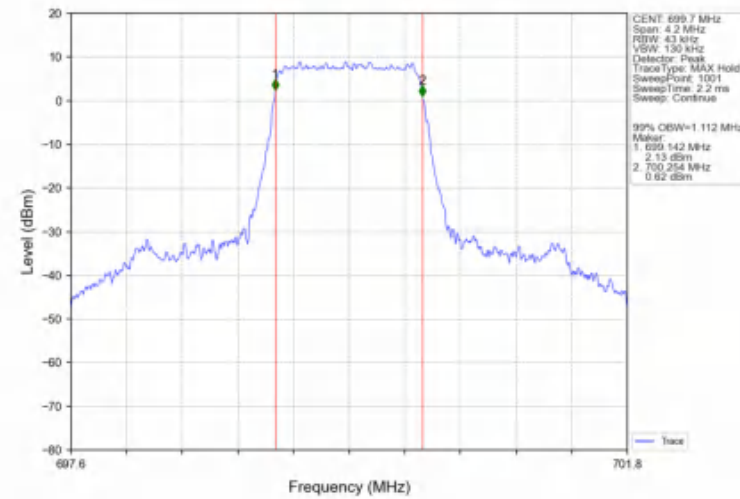
Band: 12 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	699.7	6	0	1.307	/	Pass
		707.5	6	0	1.337	/	Pass
		715.3	6	0	1.349	/	Pass
	16QAM	699.7	6	0	1.336	/	Pass
		707.5	6	0	1.313	/	Pass
		715.3	6	0	1.325	/	Pass
3	QPSK	700.5	15	0	3.021	/	Pass
		707.5	15	0	3.012	/	Pass
		714.5	15	0	3.037	/	Pass
	16QAM	700.5	15	0	3.031	/	Pass
		707.5	15	0	3.025	/	Pass
		714.5	15	0	2.999	/	Pass
5	QPSK	701.5	25	0	5.062	/	Pass
		707.5	25	0	5.050	/	Pass
		713.5	25	0	5.032	/	Pass

10	16QAM	701.5	25	0	5.085	/	Pass
		707.5	25	0	5.092	/	Pass
		713.5	25	0	5.050	/	Pass
	QPSK	704	50	0	9.921	/	Pass
		707.5	50	0	9.980	/	Pass
		711	50	0	10.009	/	Pass
	16QAM	704	50	0	9.936	/	Pass
		707.5	50	0	9.905	/	Pass
		711	50	0	9.970	/	Pass

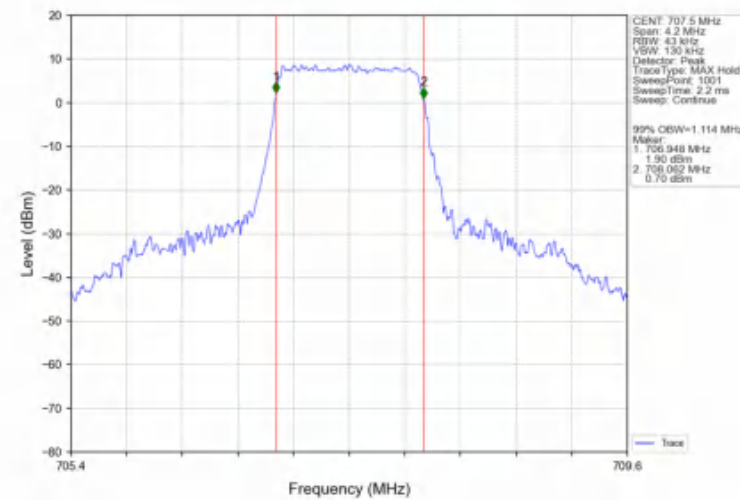
4.2 Test Graph

4.2.1 Band12_OBW

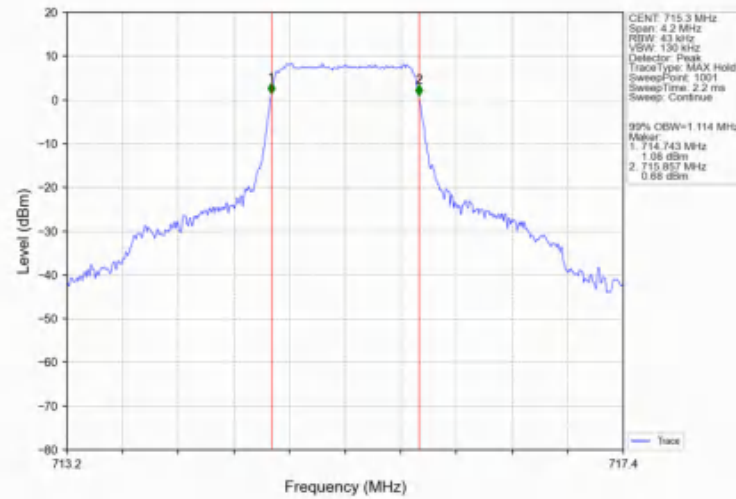
Band12 1.4MHz QPSK LCH 699.7MHz RB 6 0 NTV



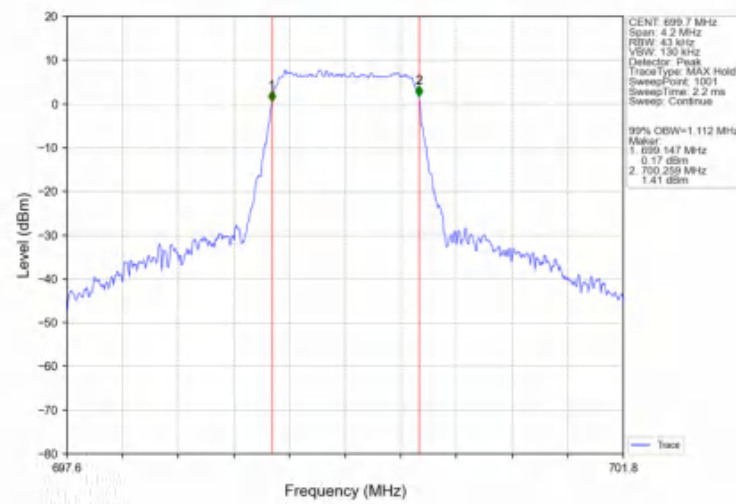
Band12 1.4MHz QPSK MCH 707.5MHz RB 6 0 NTV



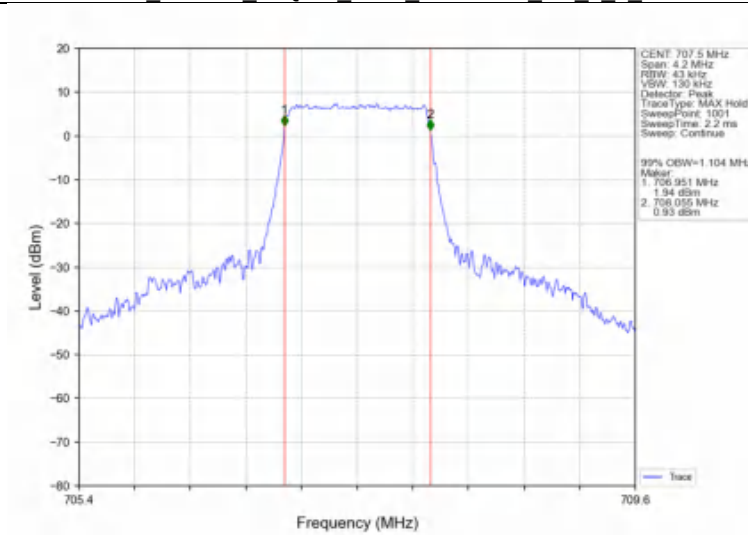
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



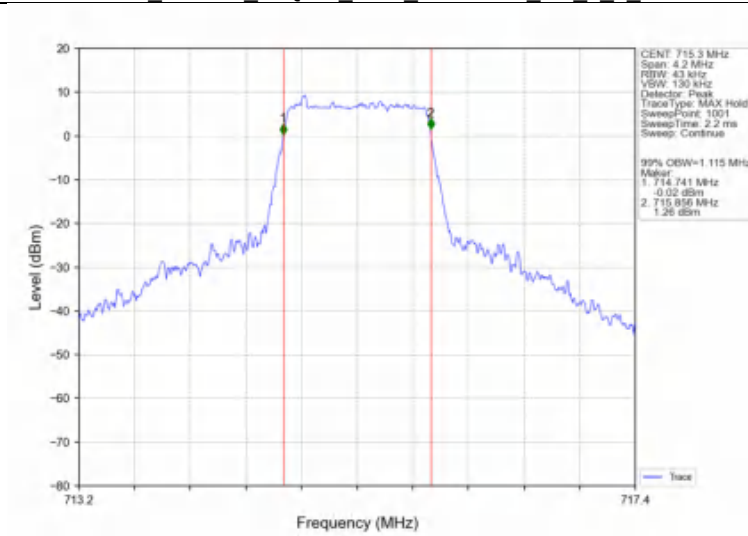
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



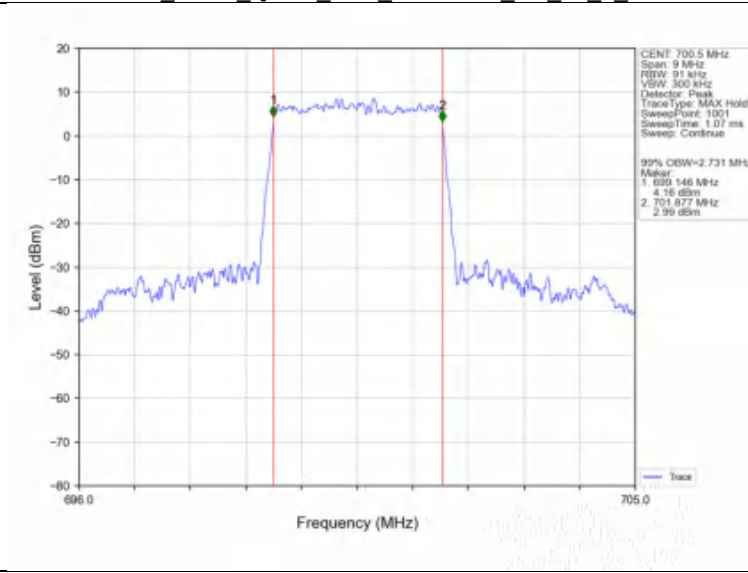
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



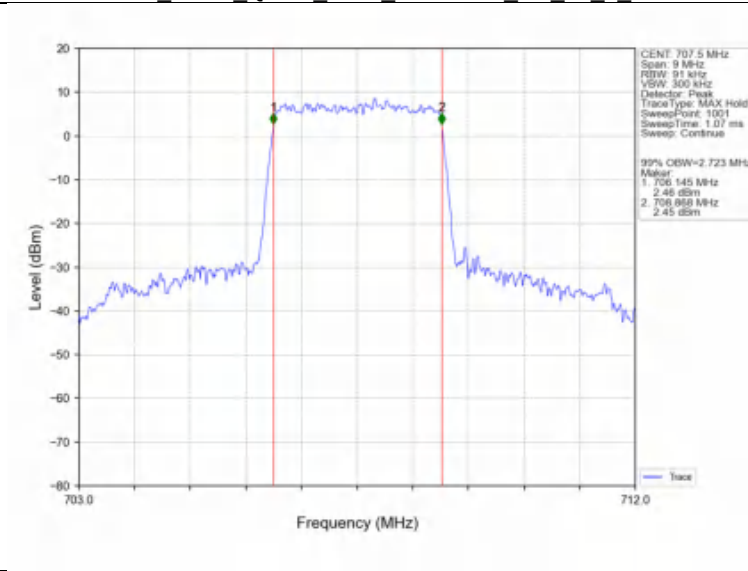
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



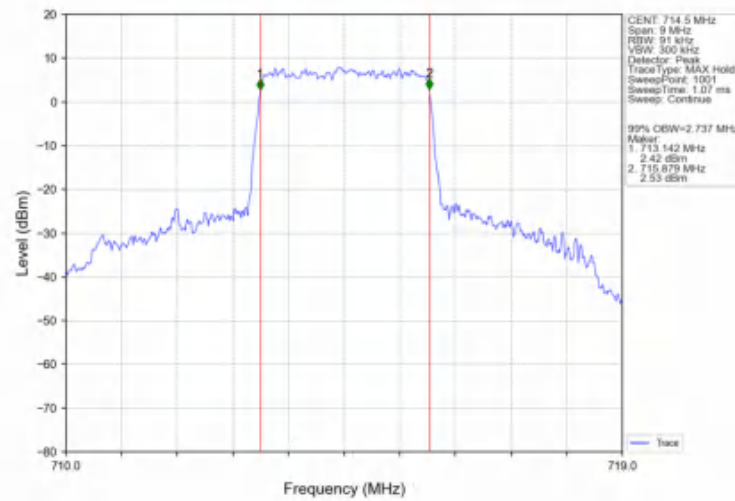
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



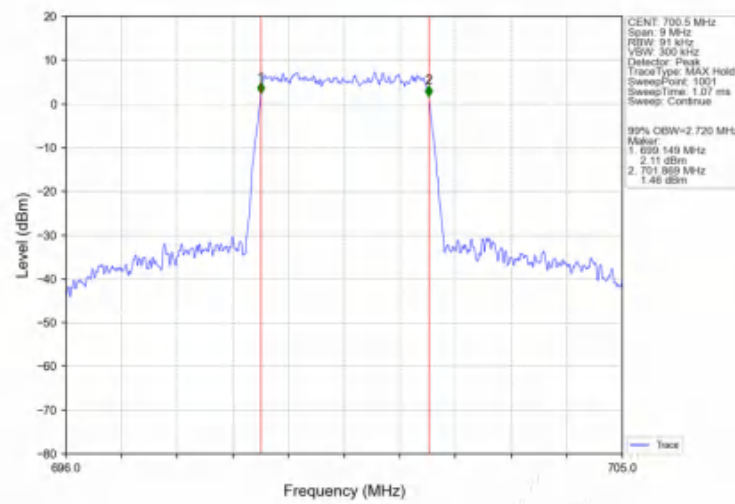
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



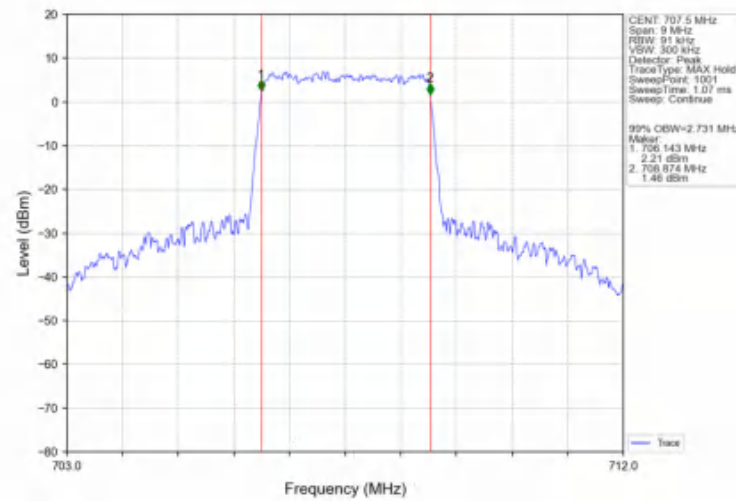
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



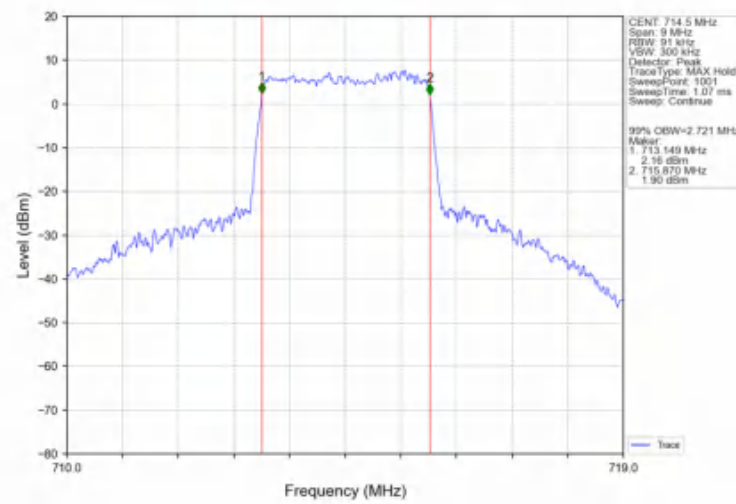
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



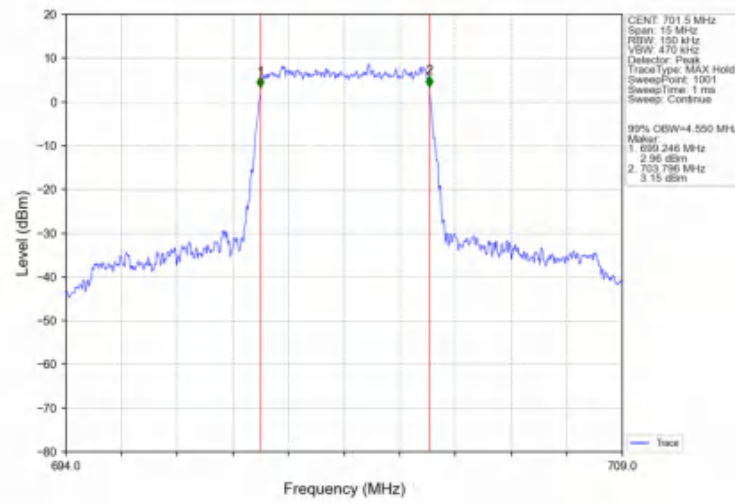
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



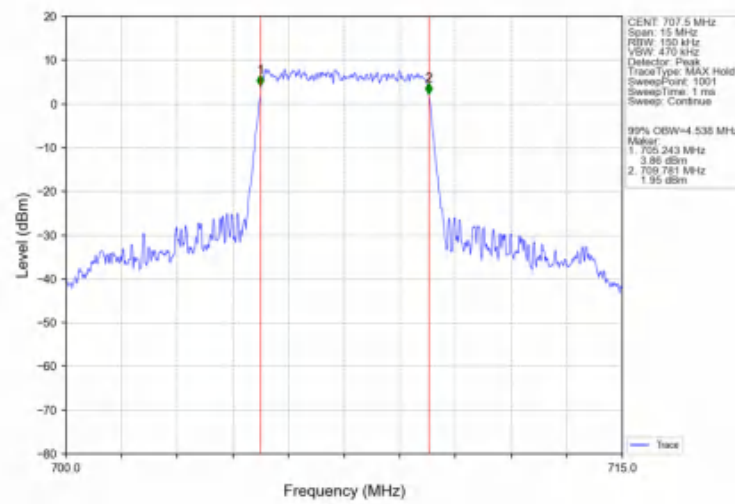
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



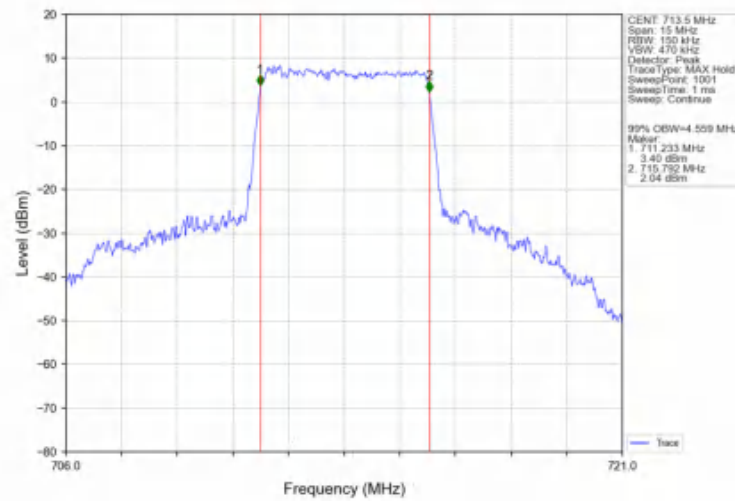
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



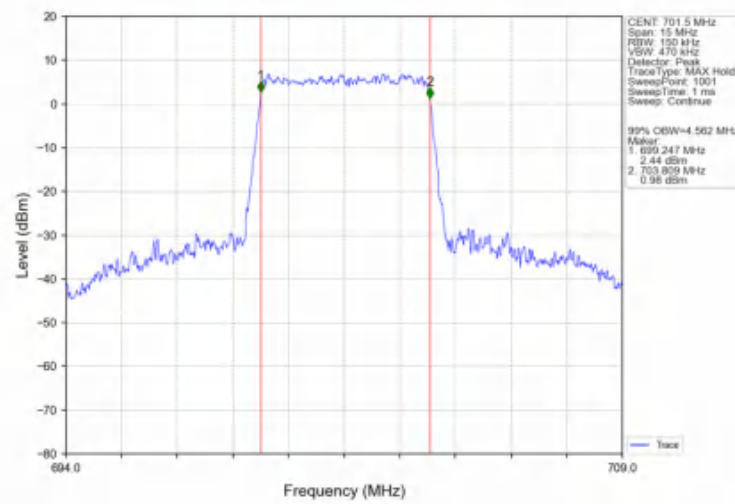
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



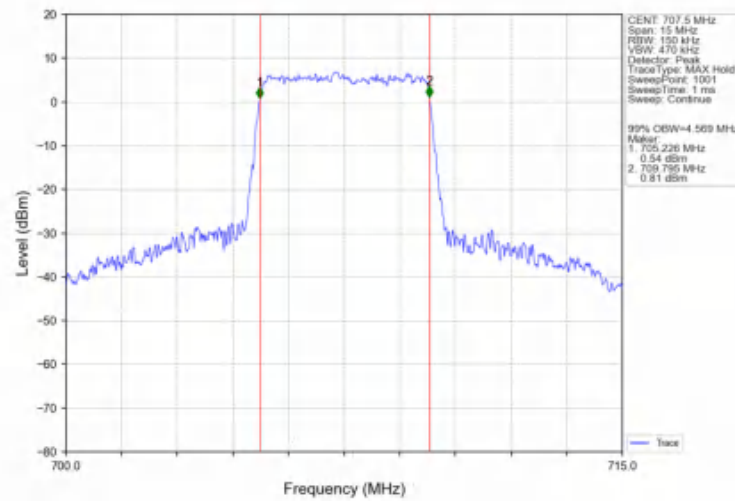
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



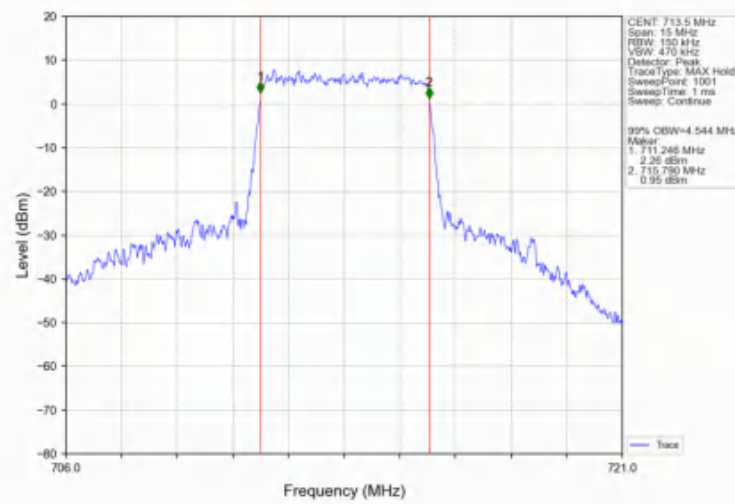
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



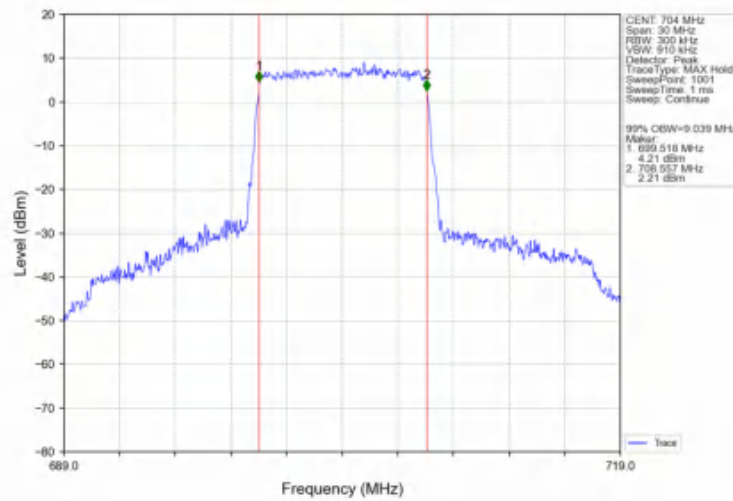
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



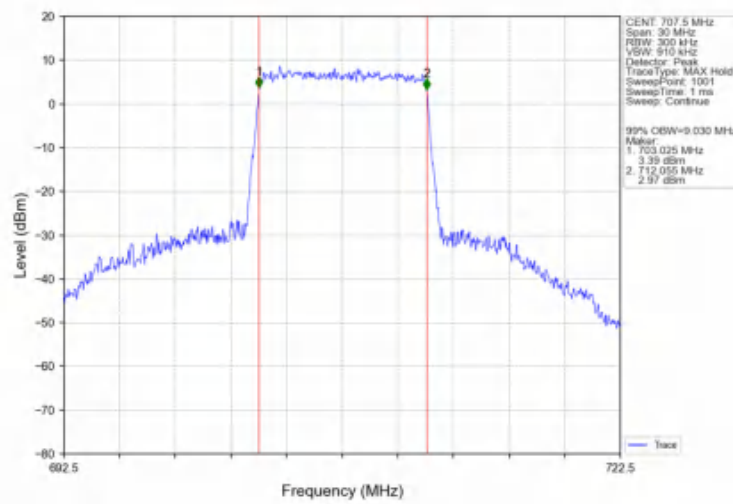
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



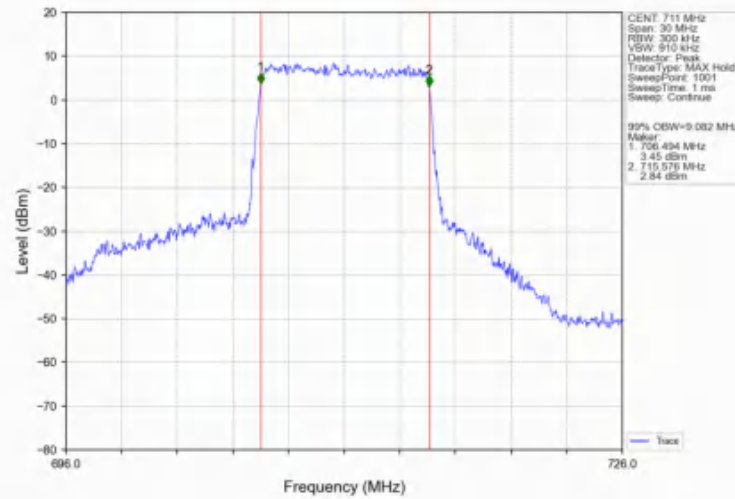
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



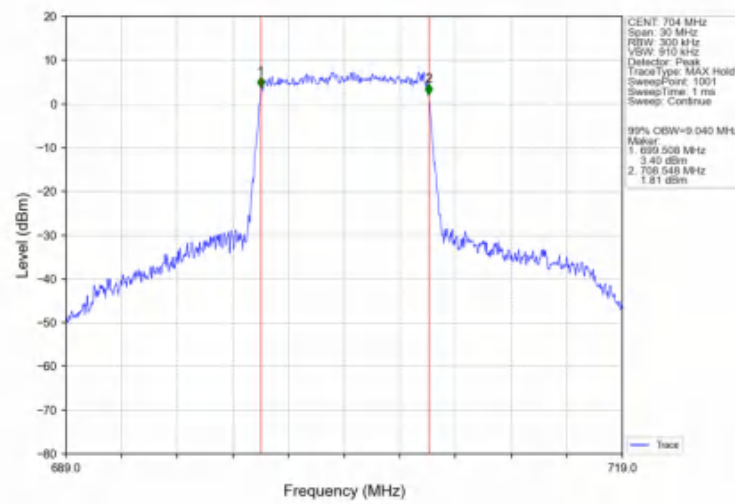
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



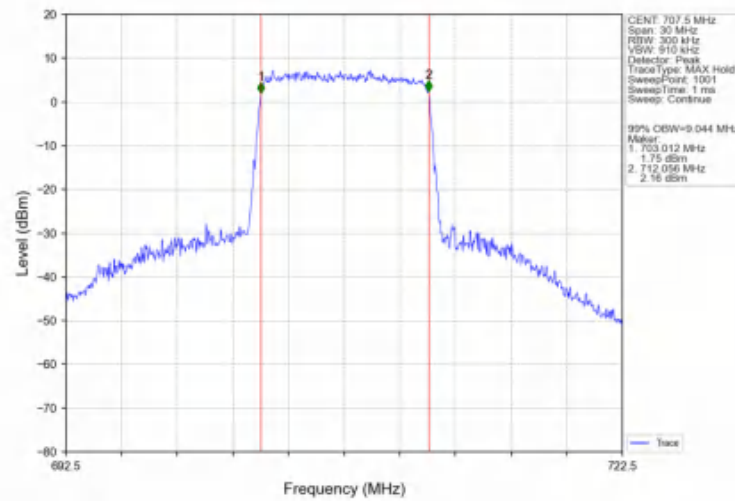
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



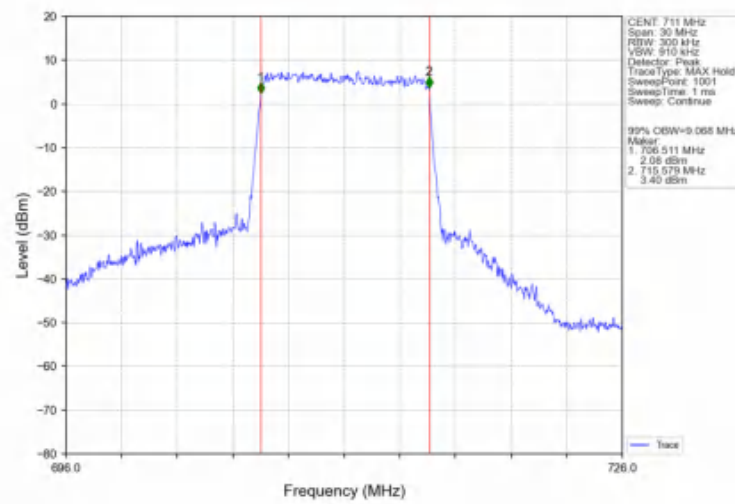
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV

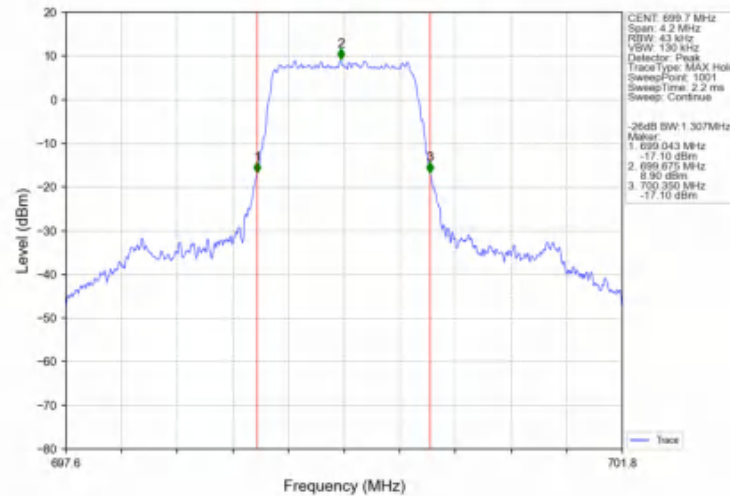


Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV

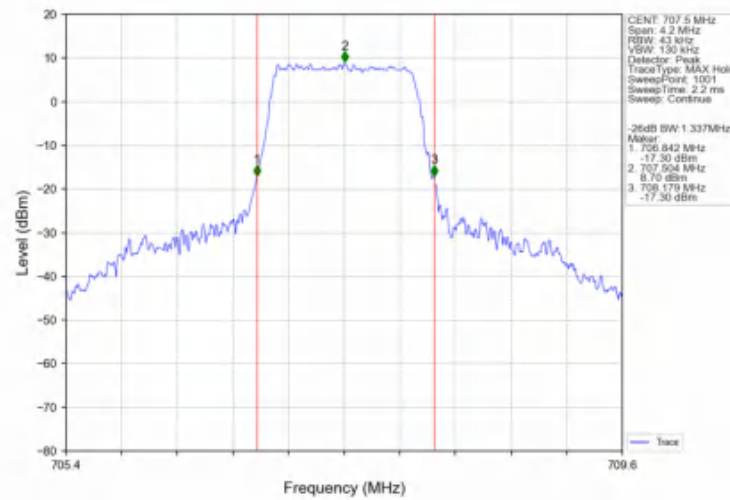


4.2.2 Band12_XDB

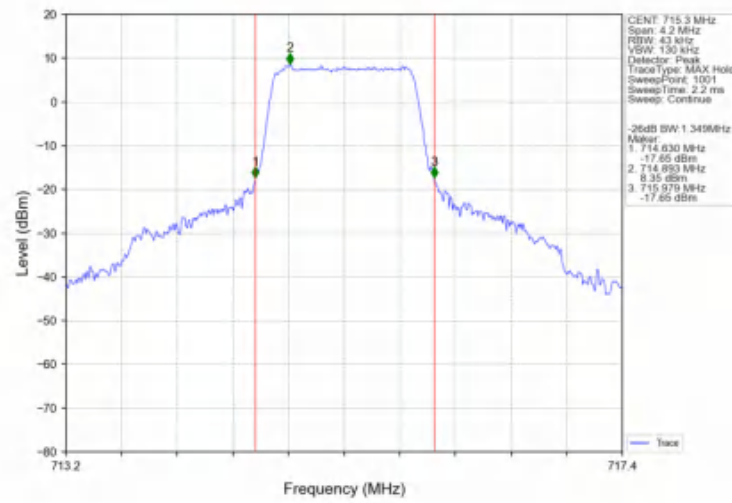
Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV



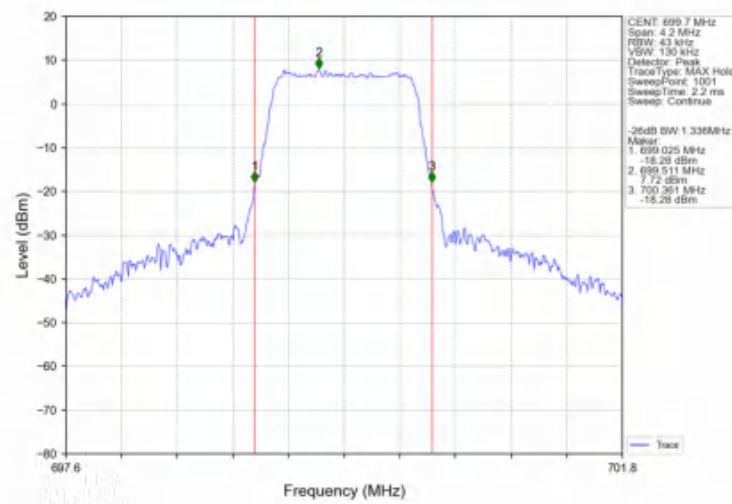
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_6_0_NTNV



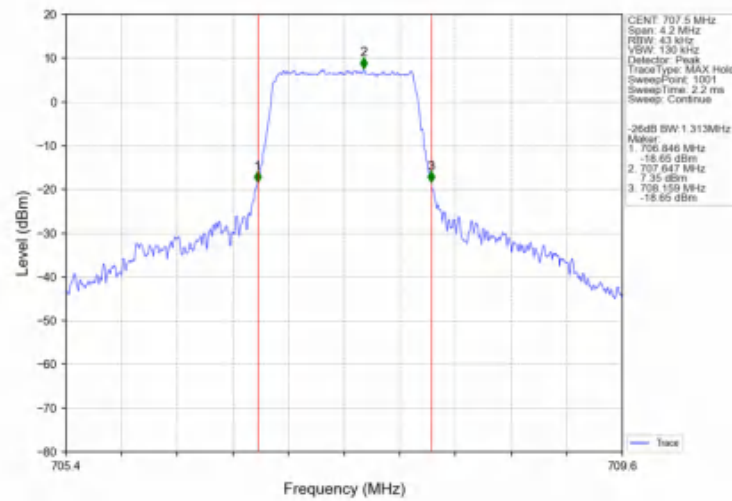
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



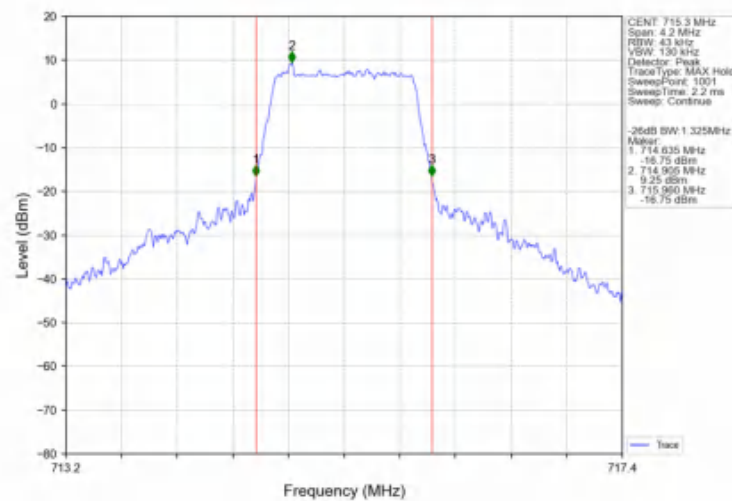
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



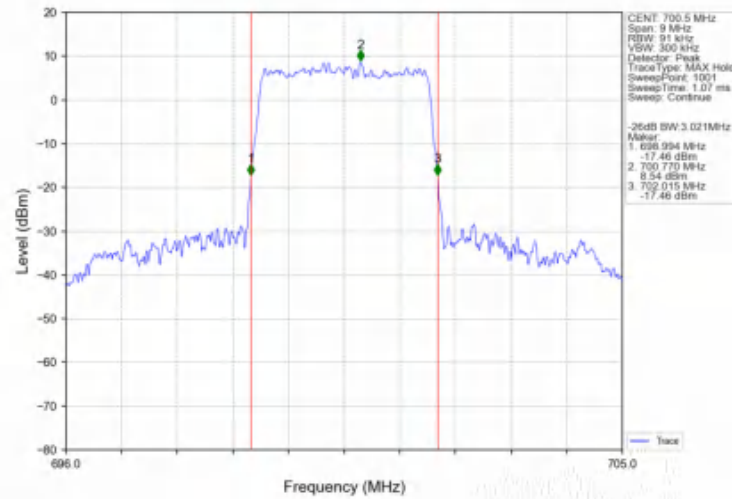
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



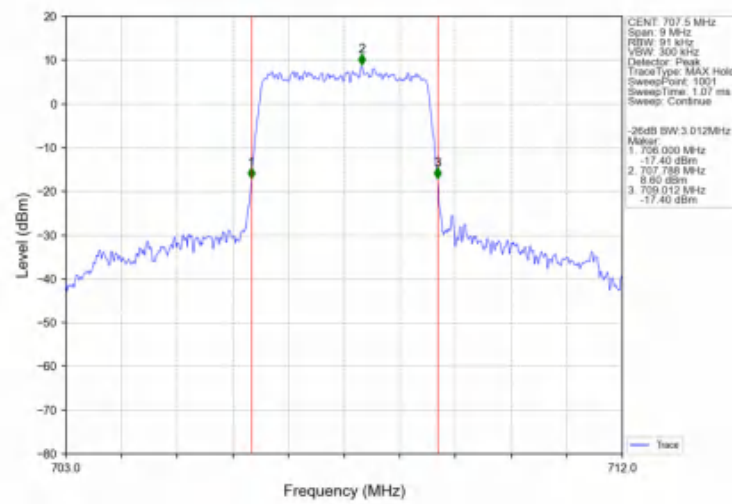
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



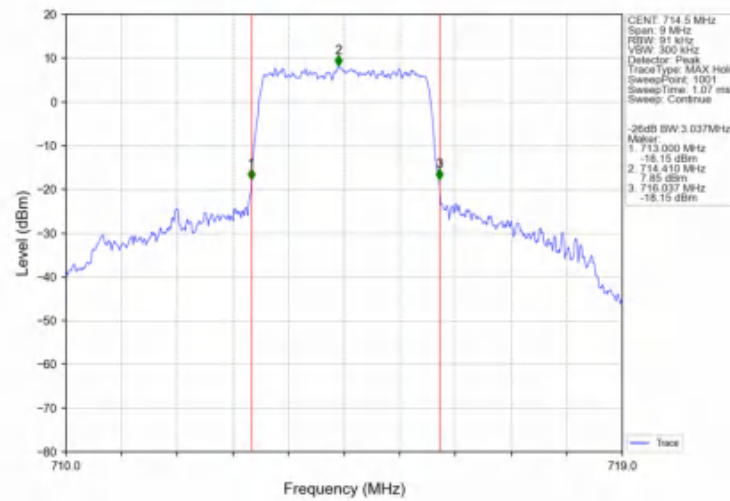
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



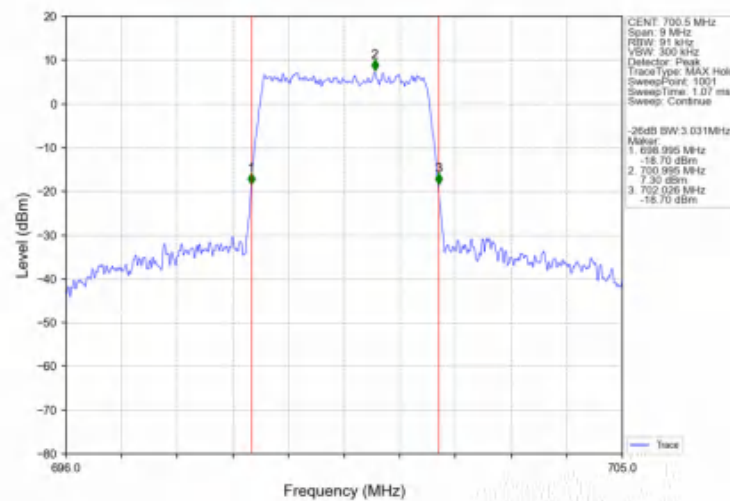
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



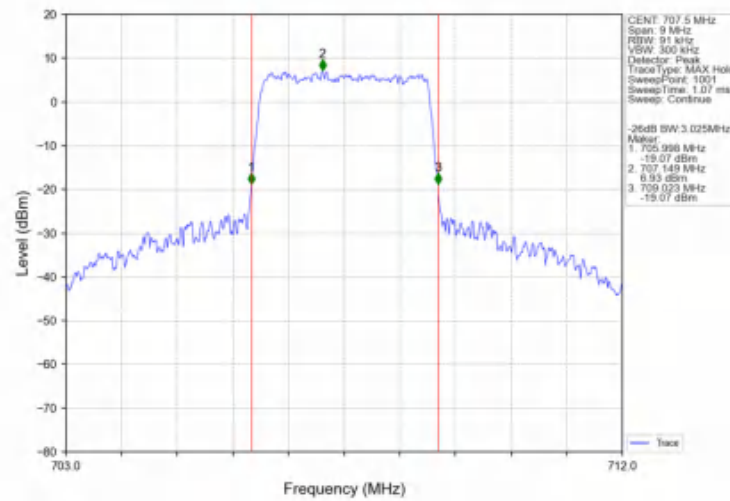
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



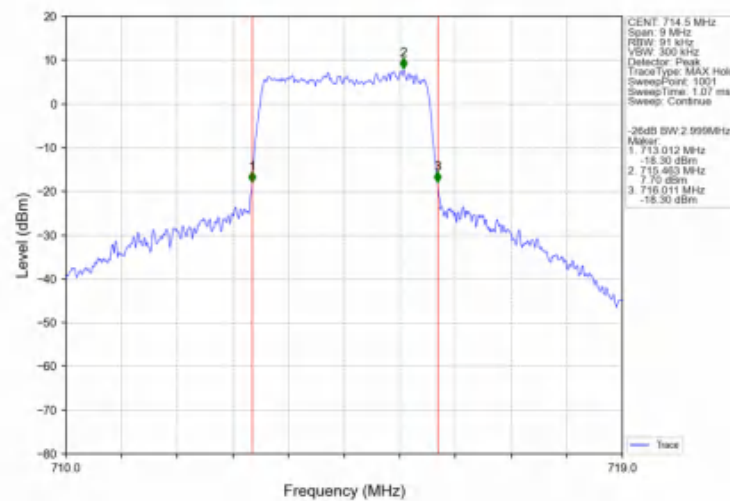
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



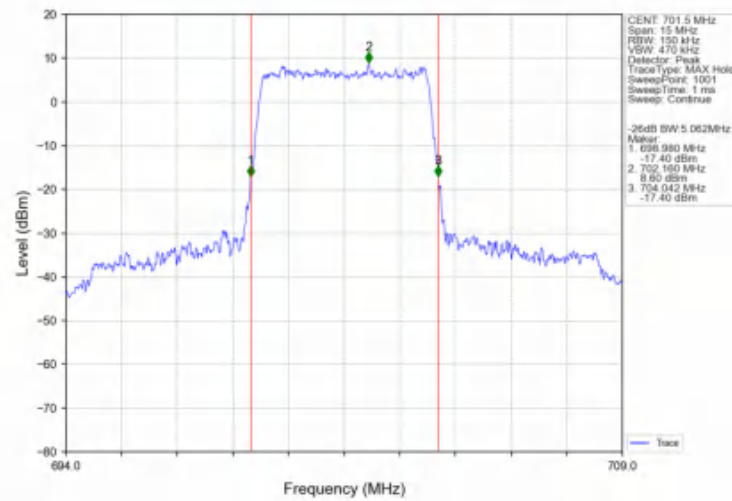
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



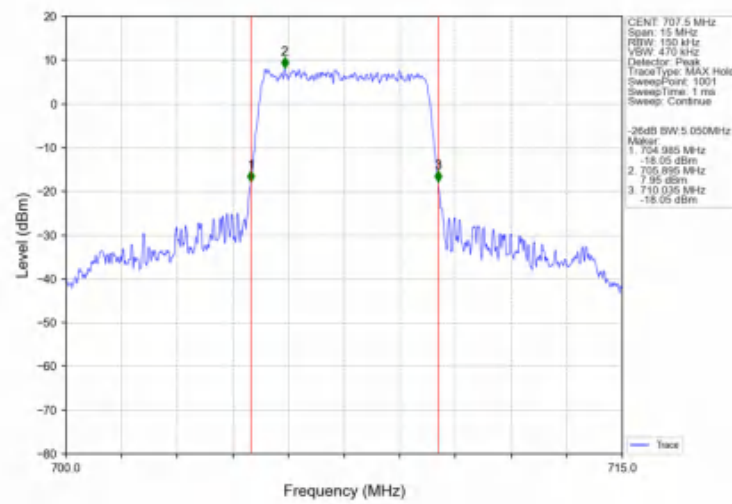
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



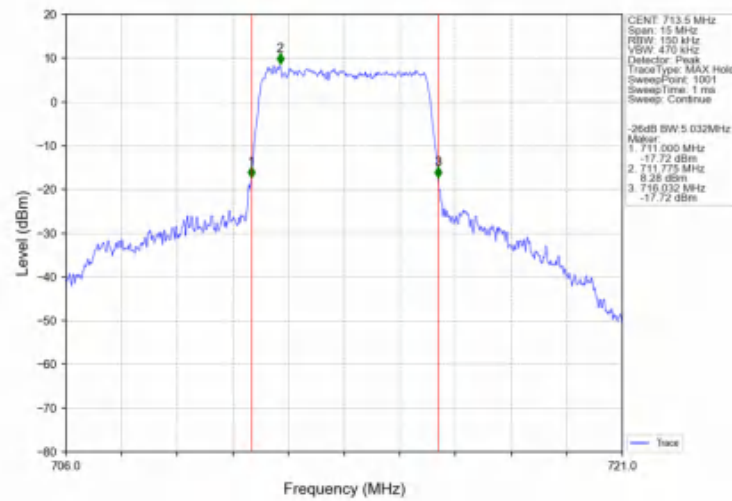
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



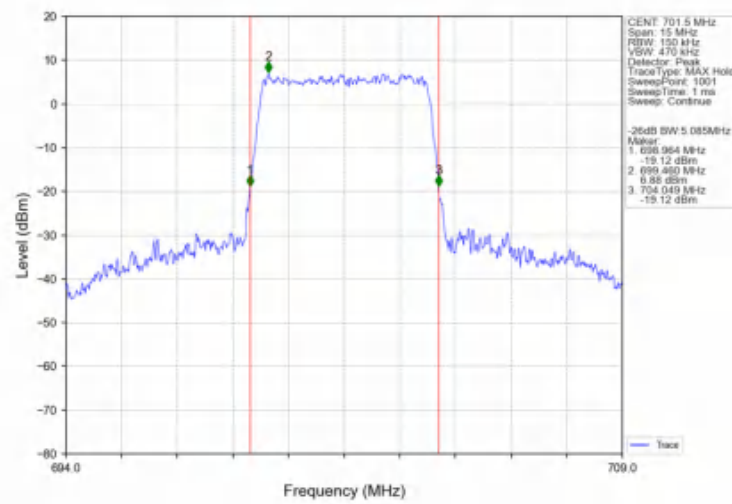
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



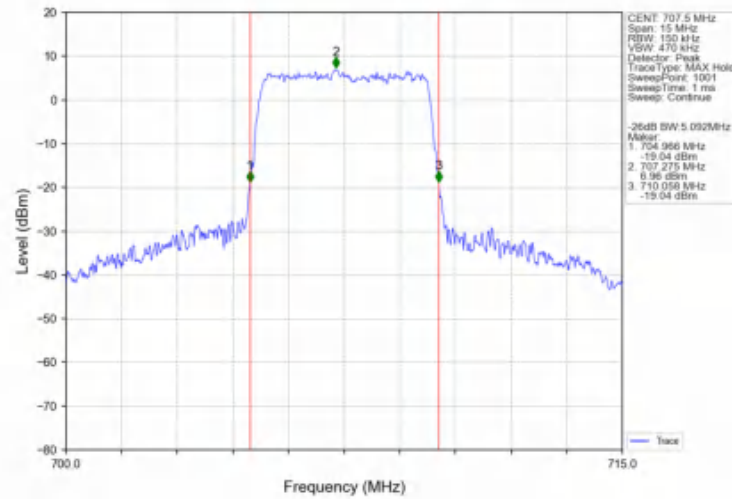
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



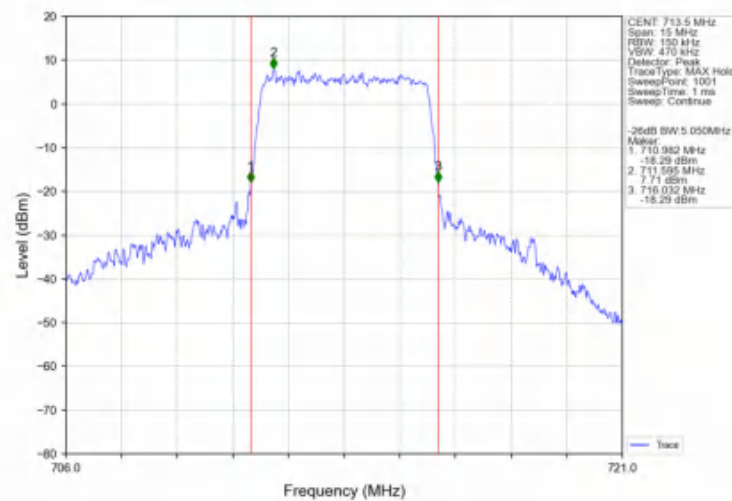
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



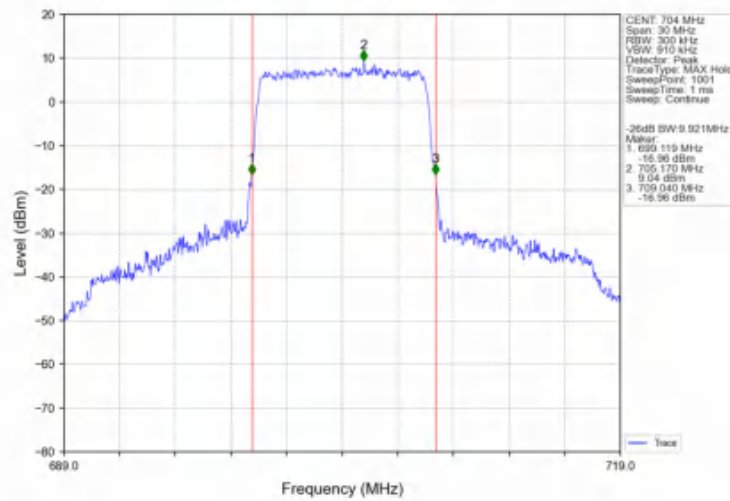
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



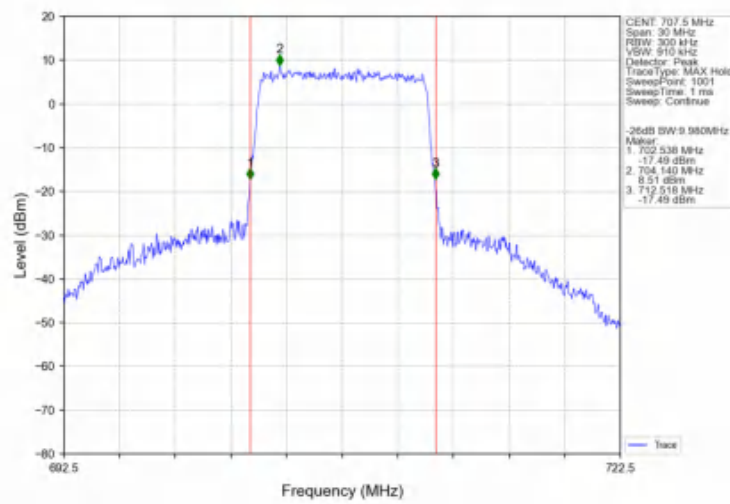
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



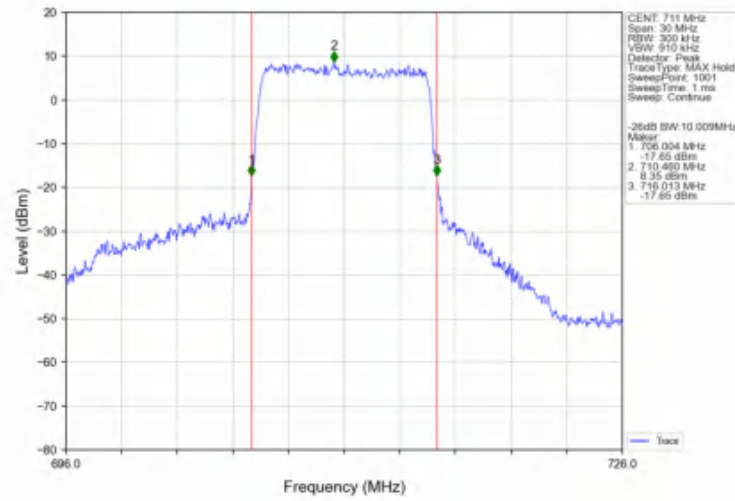
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



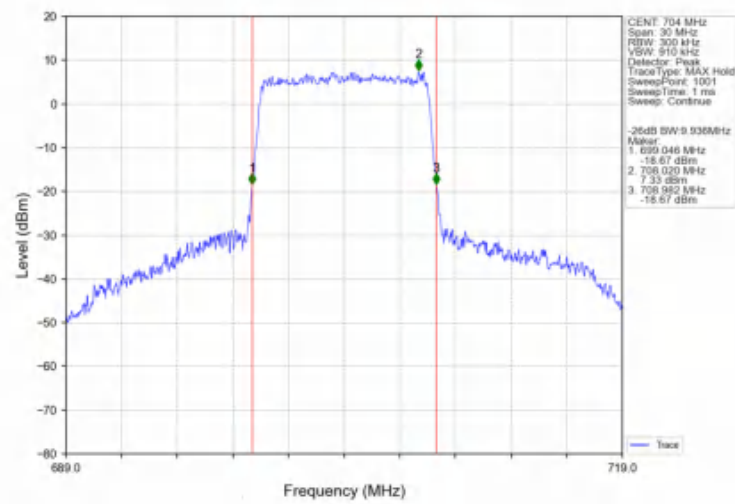
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



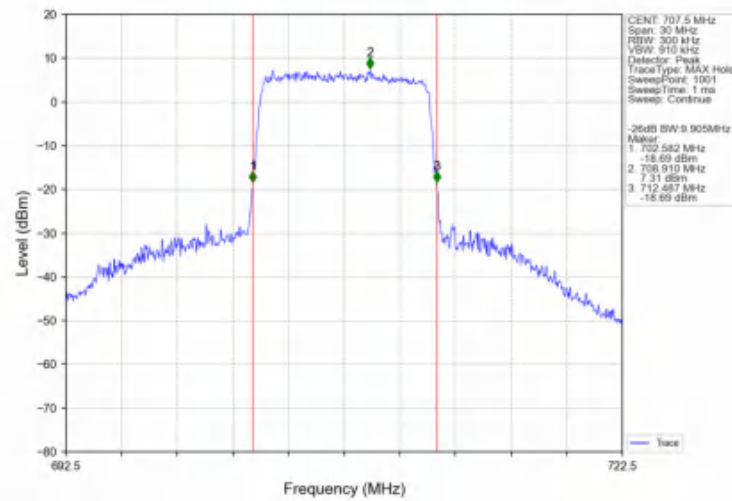
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



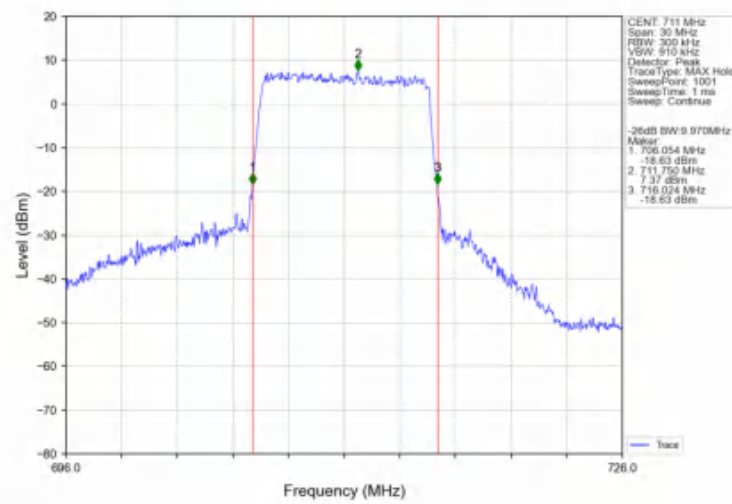
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 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	5.14	<=13	Pass
	707.5	6	0	4.91	<=13	Pass
	715.3	6	0	4.21	<=13	Pass
16QAM	699.7	6	0	6.00	<=13	Pass
	707.5	6	0	5.78	<=13	Pass
	715.3	6	0	5.05	<=13	Pass

5.1.2 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	5.40	<=13	Pass
	707.5	15	0	5.14	<=13	Pass
	714.5	15	0	4.63	<=13	Pass
16QAM	700.5	15	0	6.22	<=13	Pass
	707.5	15	0	6.00	<=13	Pass
	714.5	15	0	5.45	<=13	Pass

5.1.3 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	5.49	<=13	Pass
	707.5	25	0	5.41	<=13	Pass
	713.5	25	0	5.18	<=13	Pass
16QAM	701.5	25	0	6.25	<=13	Pass
	707.5	25	0	6.21	<=13	Pass
	713.5	25	0	5.84	<=13	Pass

5.1.4 B12_10MHz

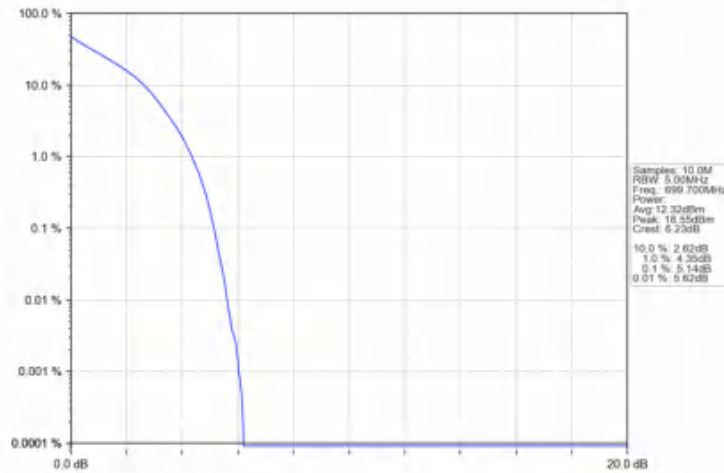
Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	704	50	0	5.27	<=13	Pass
	707.5	50	0	5.32	<=13	Pass
	711	50	0	5.28	<=13	Pass
16QAM	704	50	0	6.06	<=13	Pass
	707.5	50	0	6.15	<=13	Pass
	711	50	0	6.06	<=13	Pass



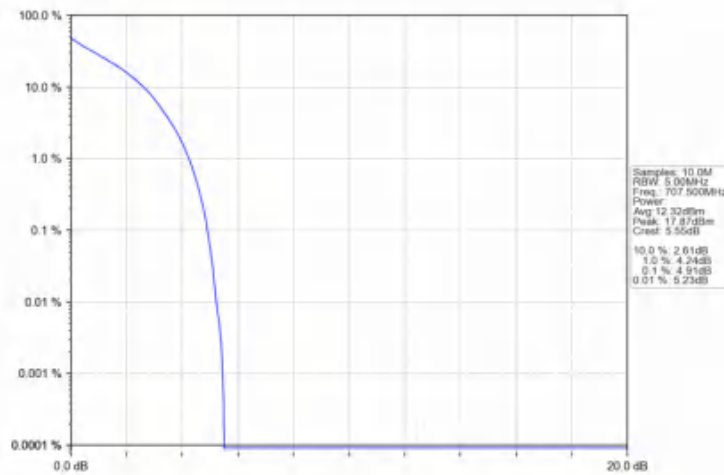
5.2 Test Graph

5.2.1 B12_1.4MHz

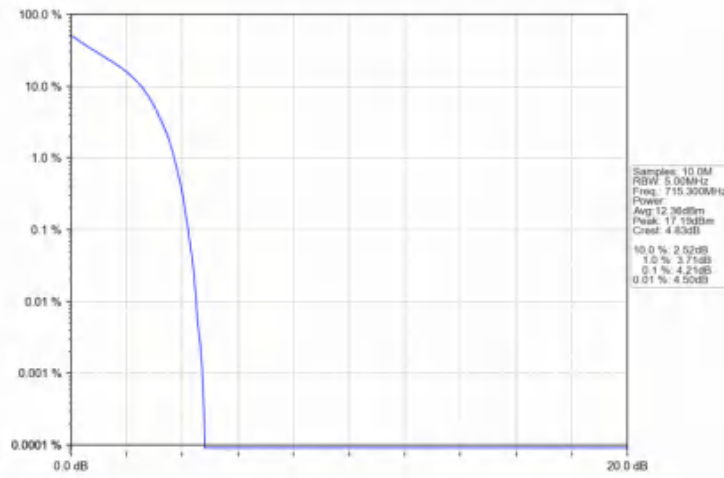
Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV



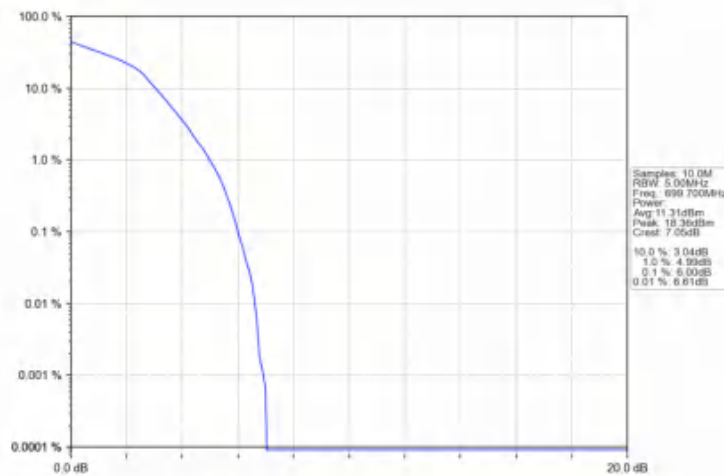
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_6_0_NTNV



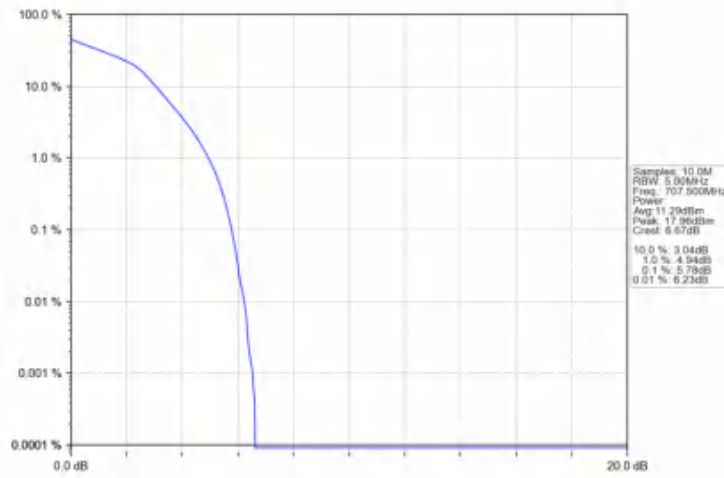
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



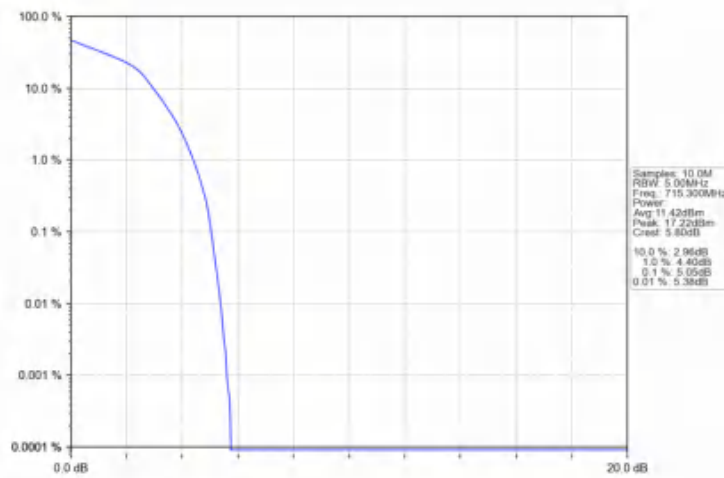
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV

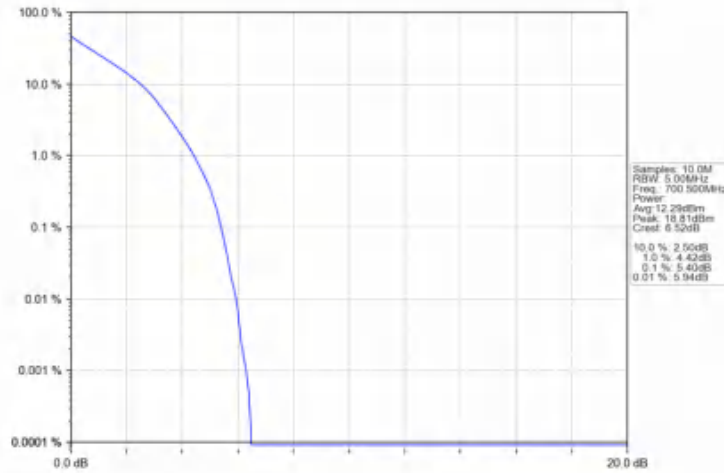


Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV

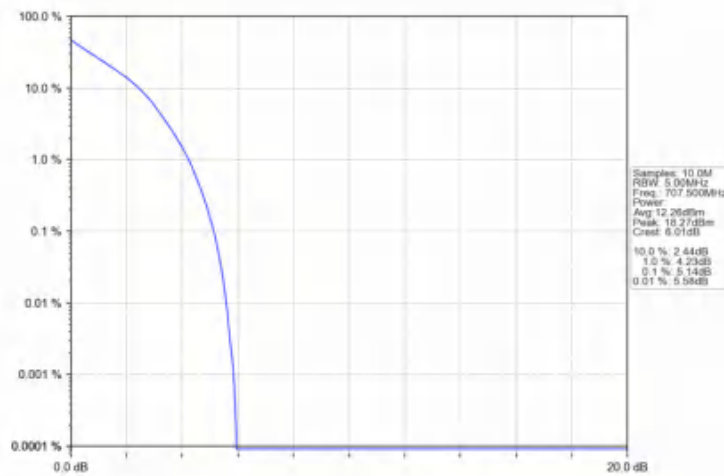


5.2.2 B12_3MHz

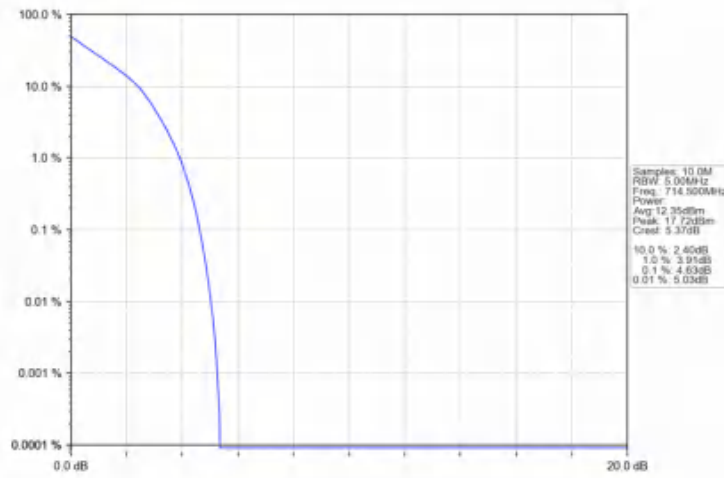
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



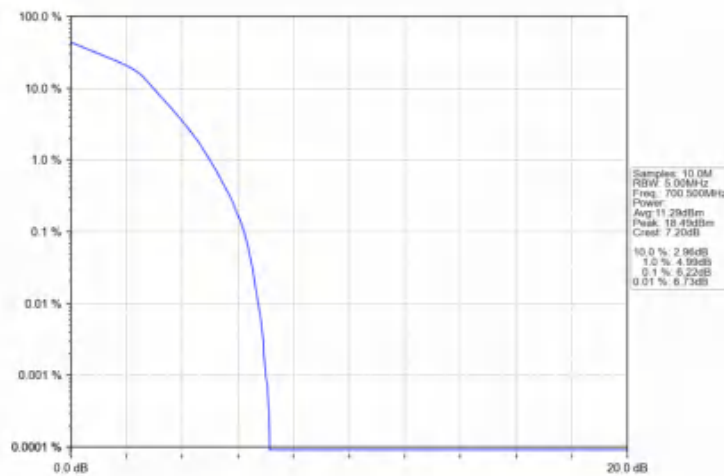
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



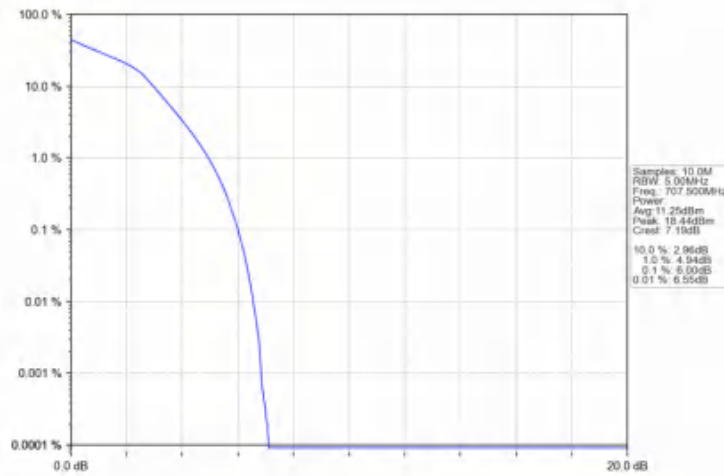
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



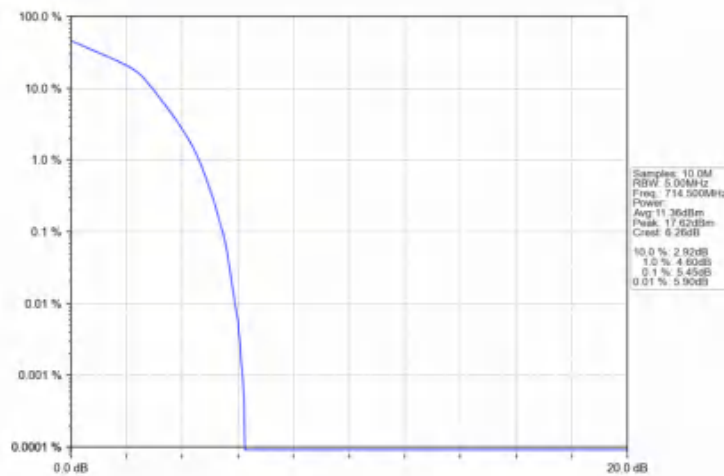
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV

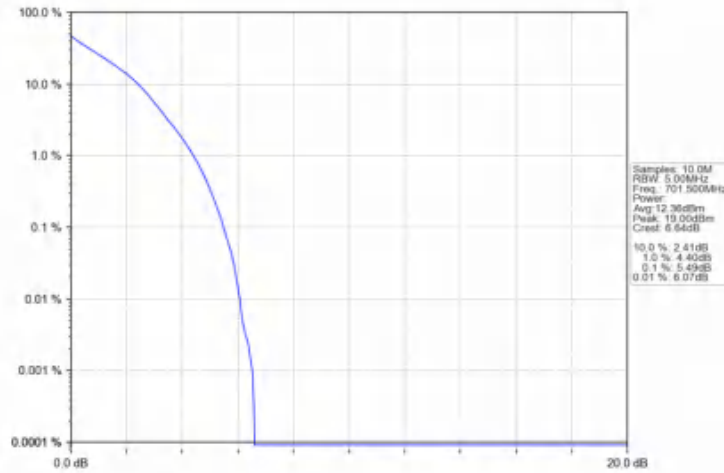


Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV

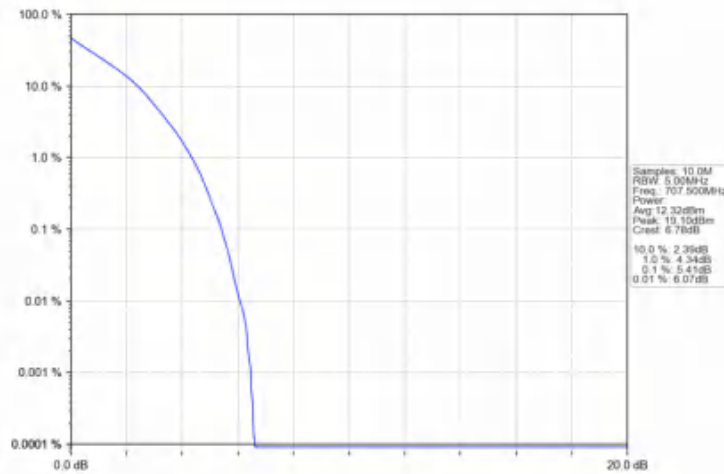


5.2.3 B12_5MHz

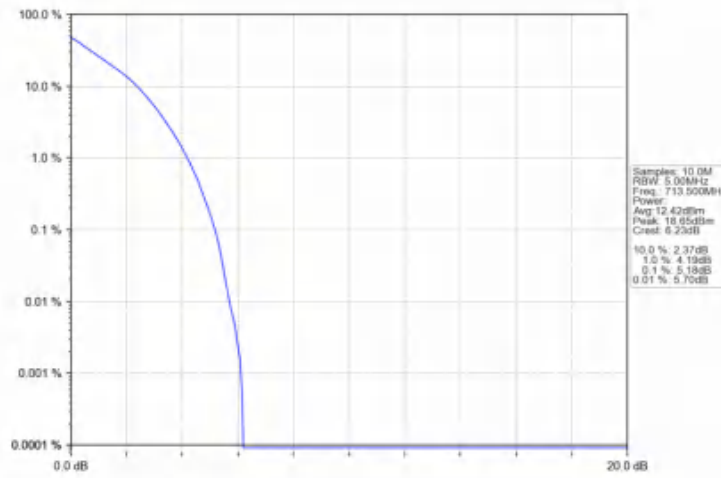
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



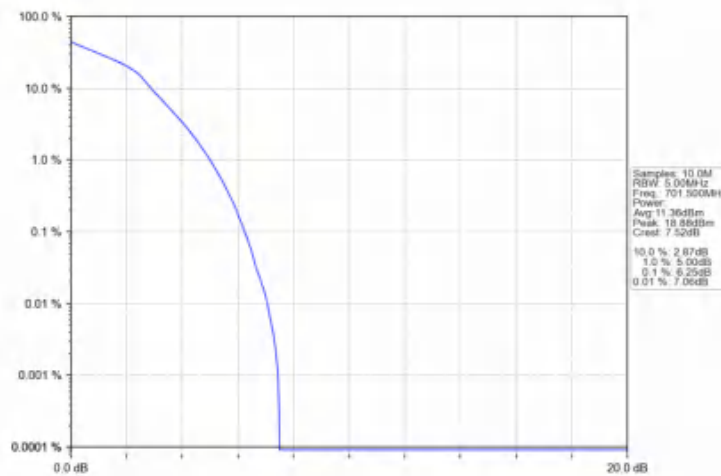
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



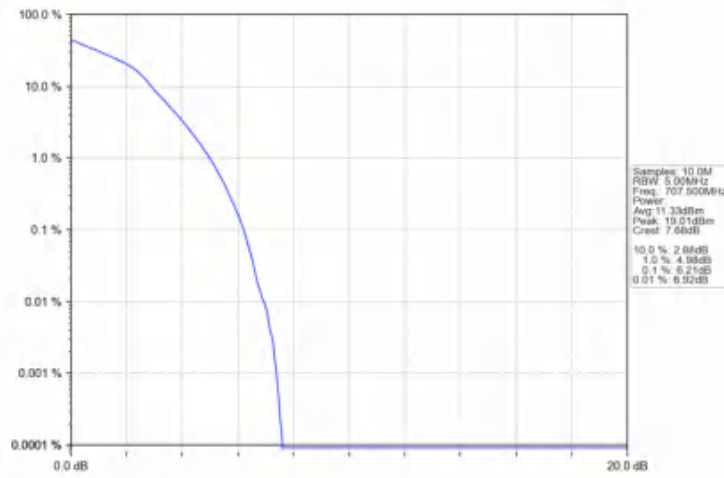
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



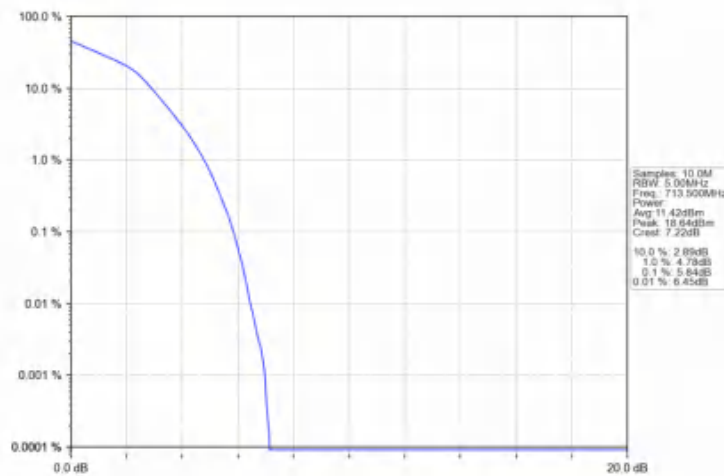
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV

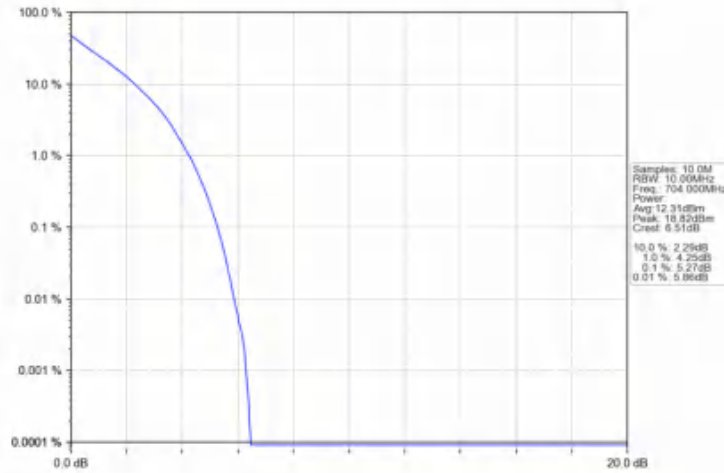


Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV

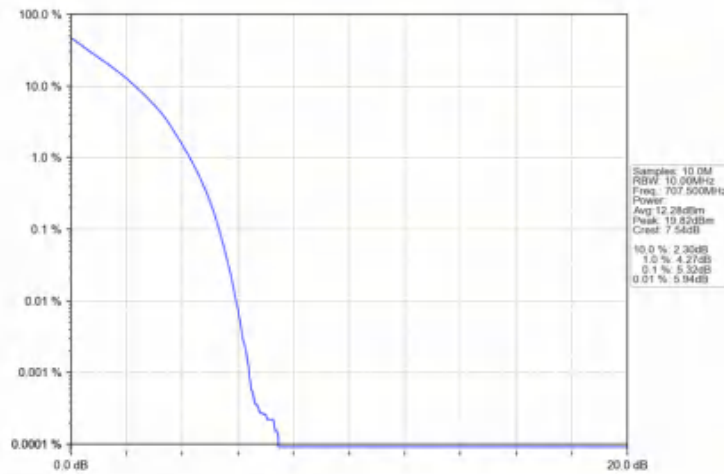


5.2.4 B12_10MHz

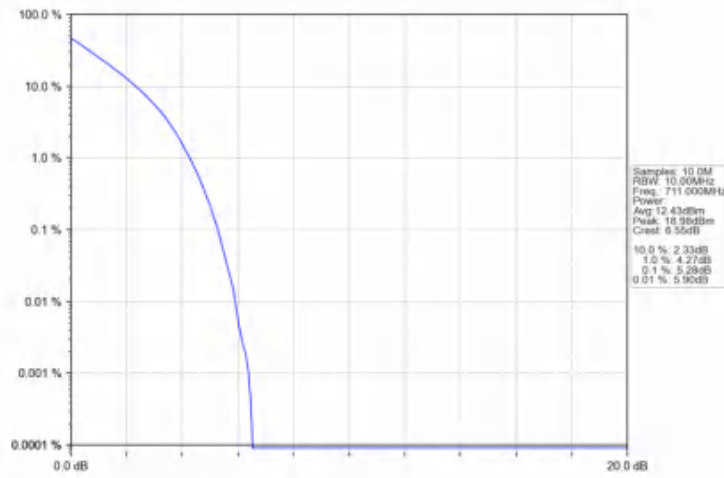
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



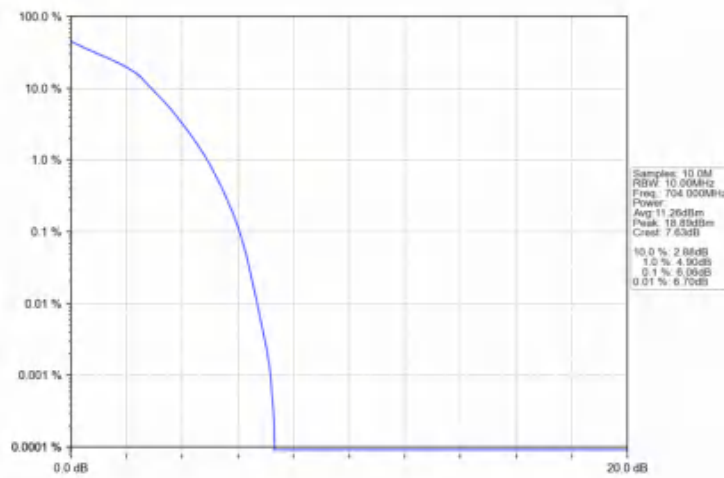
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



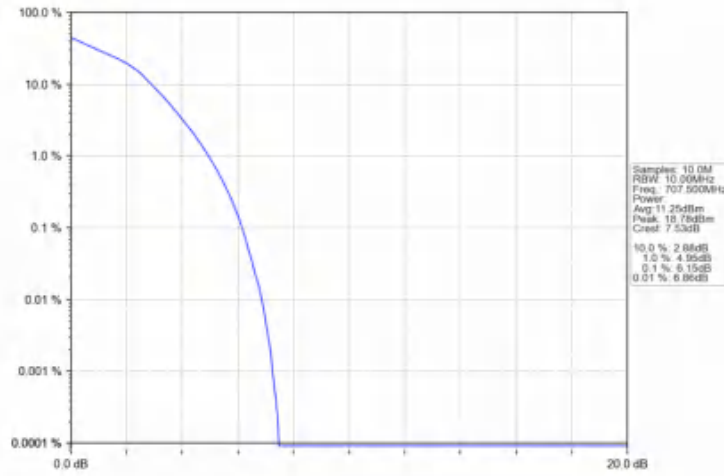
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



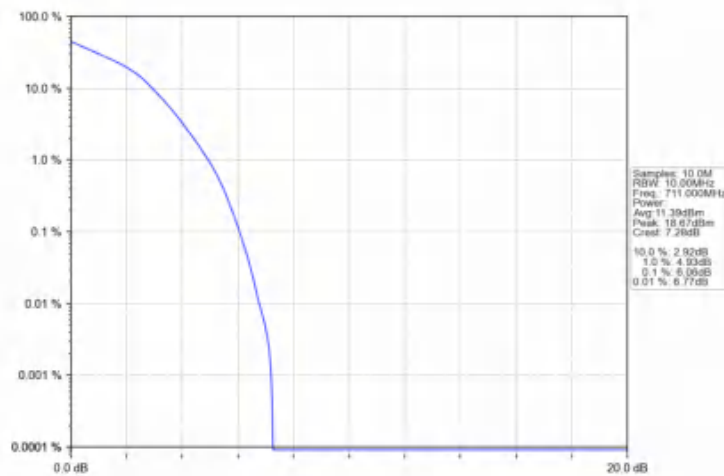
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 B12_1.4MHz

Band: 12 / Bandwidth: 1.4MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		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
		1	0	Refer To Test Graph	Pass
			5	Refer To Test Graph	Pass
		6	0	Refer To Test Graph	Pass
16QAM	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
		1	0	Refer To Test Graph	Pass
			5	Refer To Test Graph	Pass
		6	0	Refer To Test Graph	Pass

6.1.2 B12_3MHz

Band: 12 / Bandwidth: 3MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		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
		1	0	Refer To Test Graph	Pass
			14	Refer To Test Graph	Pass
		15	0	Refer To Test Graph	Pass
16QAM	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
		1	0	Refer To Test Graph	Pass
			14	Refer To Test Graph	Pass
		15	0	Refer To Test Graph	Pass

6.1.3 B12_5MHz

Band: 12 / Bandwidth: 5MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		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
		1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
16QAM	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

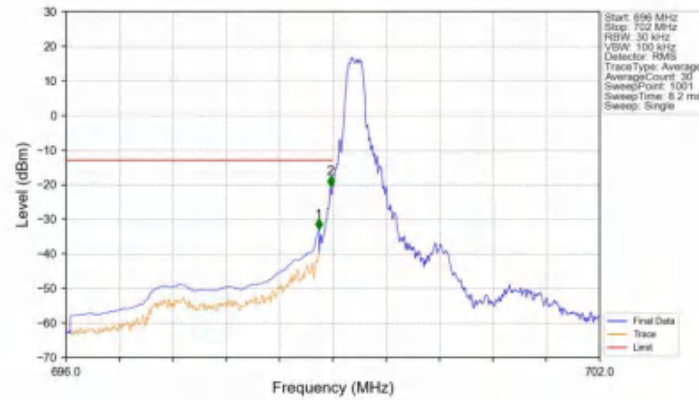
6.1.4 B12_10MHz

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
	711	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
16QAM	704	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	711	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

6.2 Test Graph

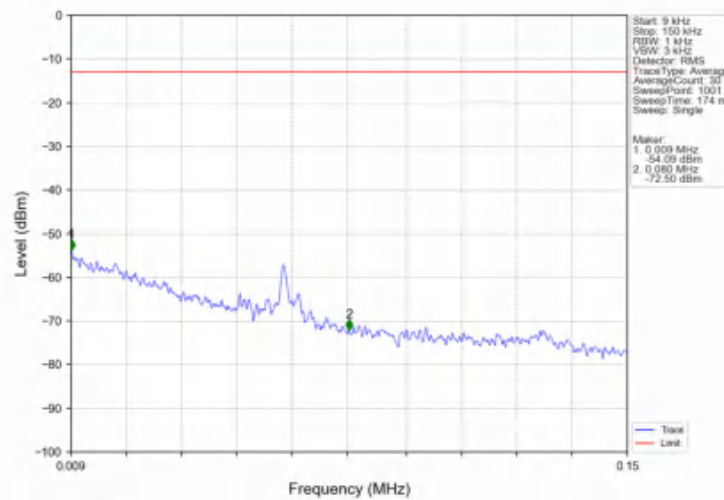
6.2.1 B12_1.4MHz

Band12 1.4MHz QPSK LCH 699.7MHz RB 1 0 NTN

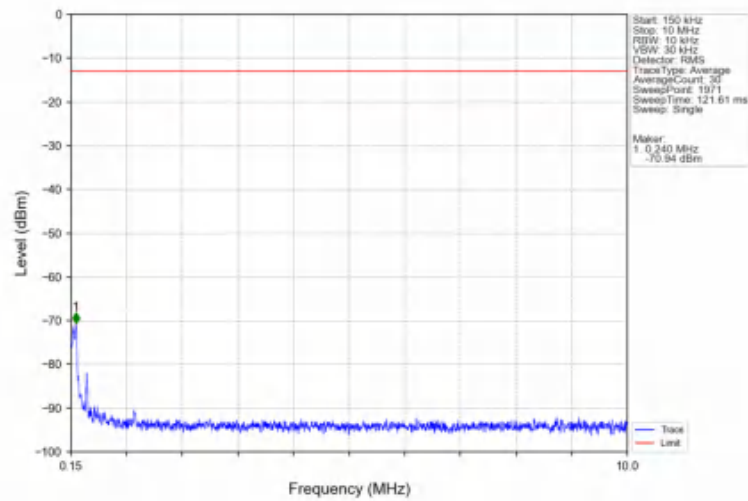


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-33.05	-13	Pass
698.9	699	0.03	/	2	698.976	-20.49	-13	Pass
699	702	0.03	/	/	/	/	/	/

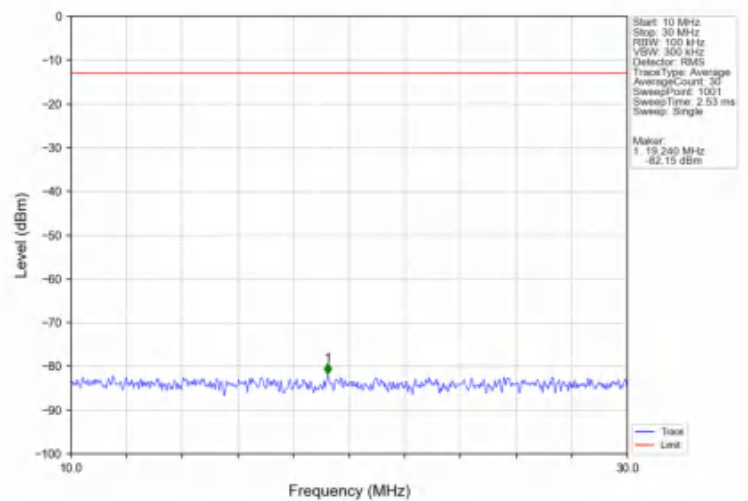
Band12 1.4MHz QPSK LCH 699.7MHz RB 1 0 NTN



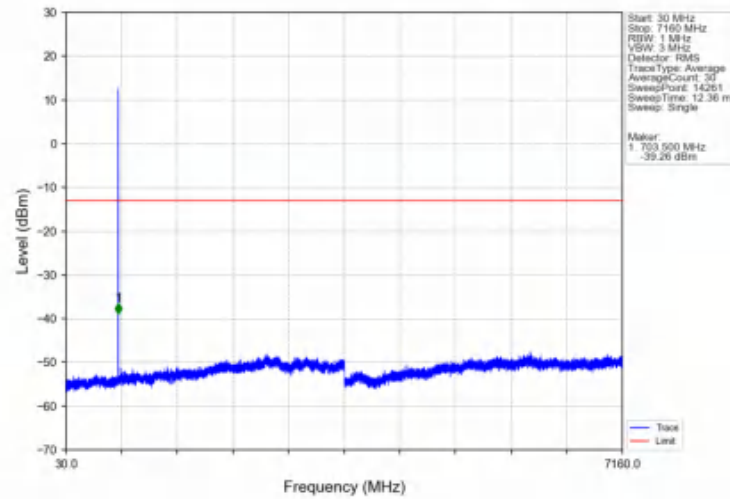
Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_1_0_NTNV



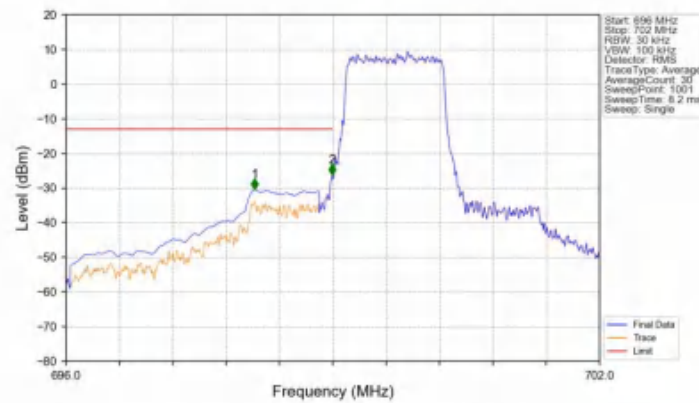
Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_1_0_NTNV



Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_1_0_NTNV

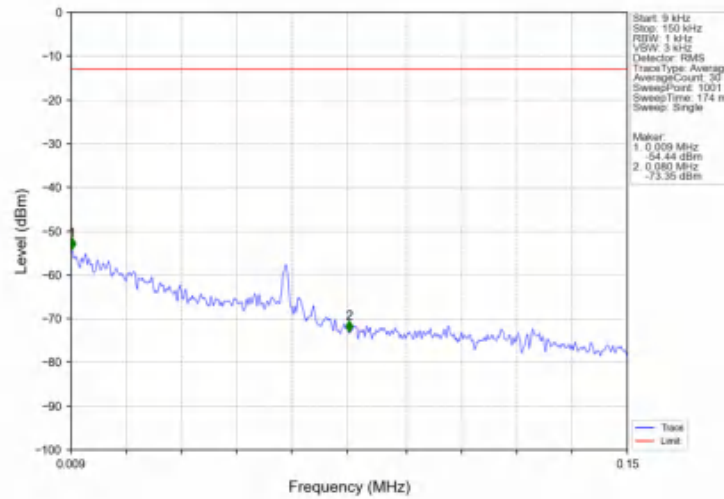


Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV

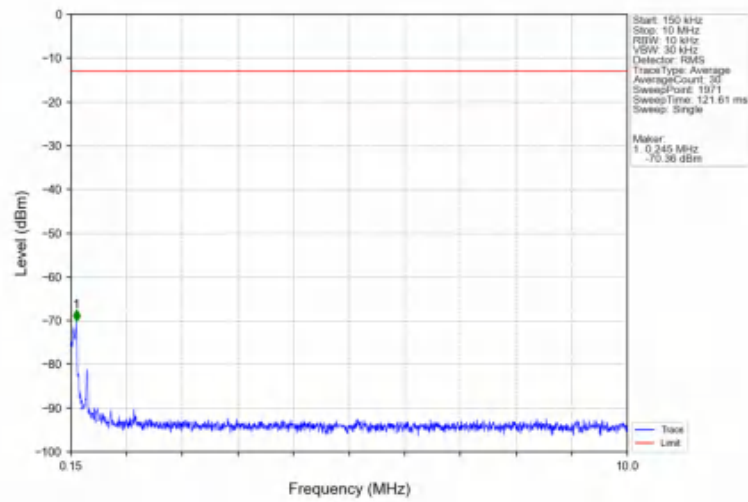


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.124	-30.43	-13	Pass
698.9	699	0.03	/	2	698.994	-26.27	-13	Pass
699	702	0.03	/	/	/	/	/	/

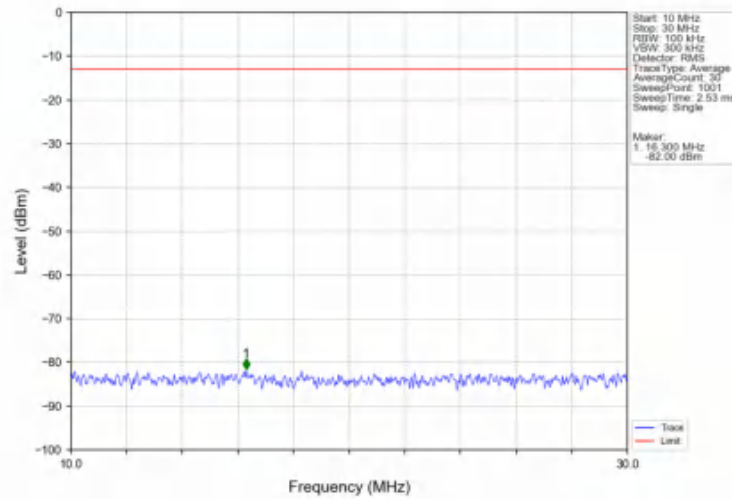
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



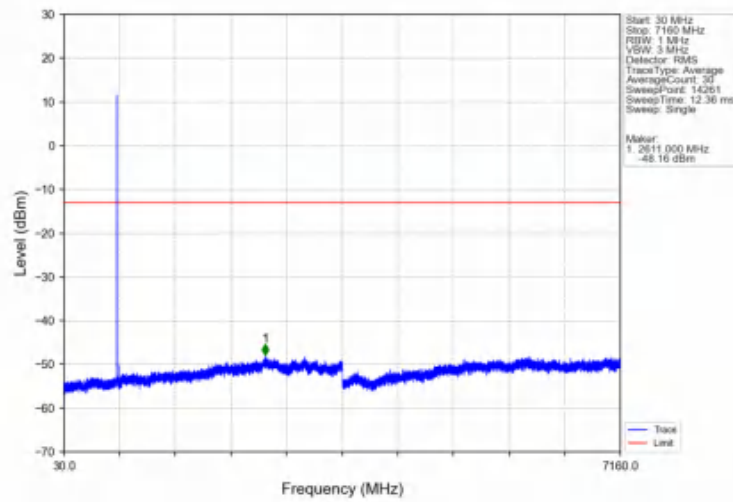
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



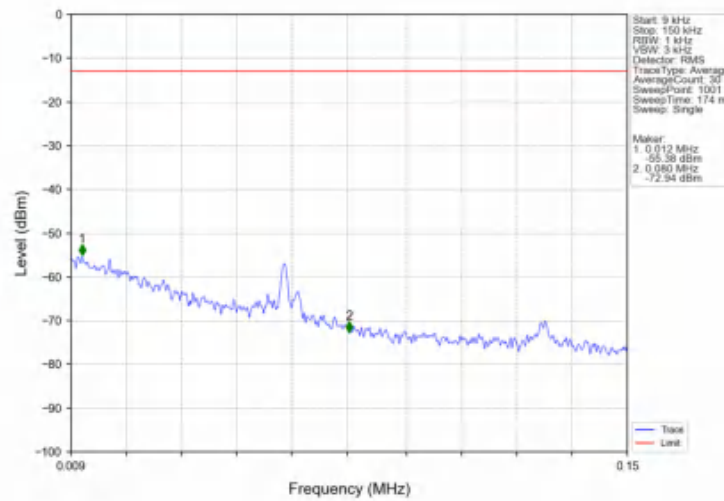
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



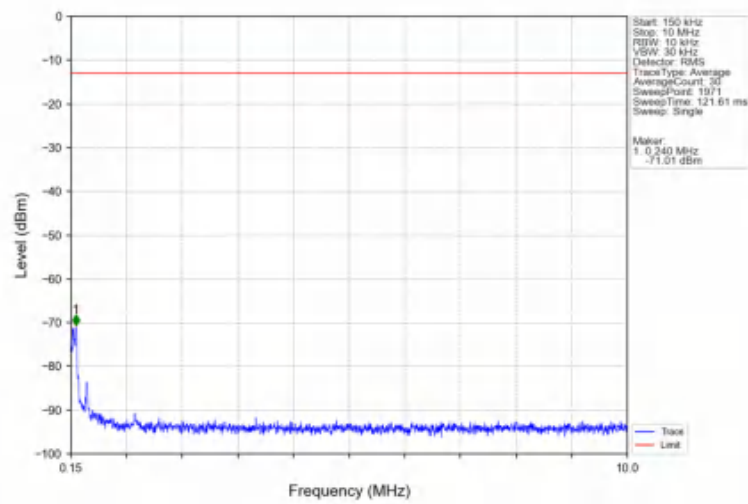
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



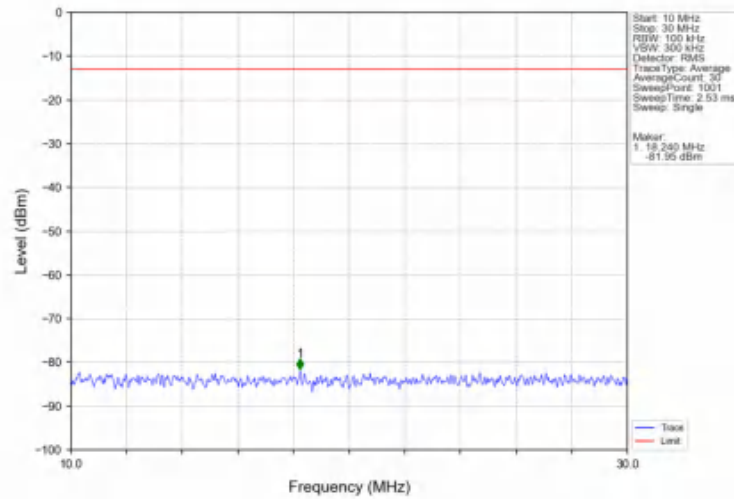
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_0_NTNV



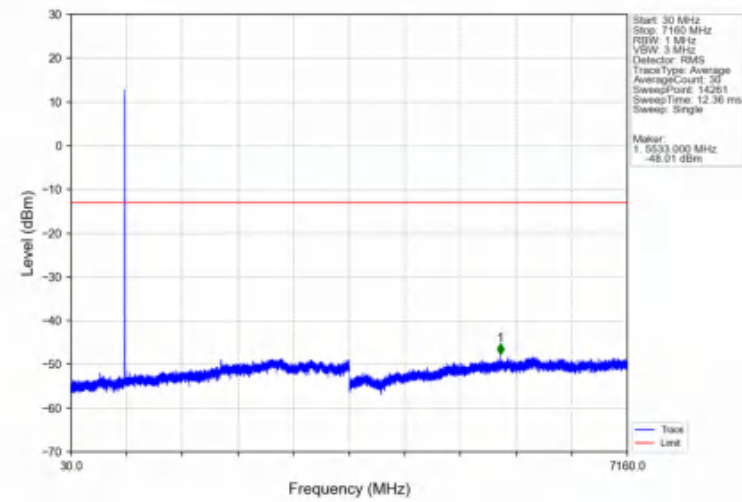
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_0_NTNV



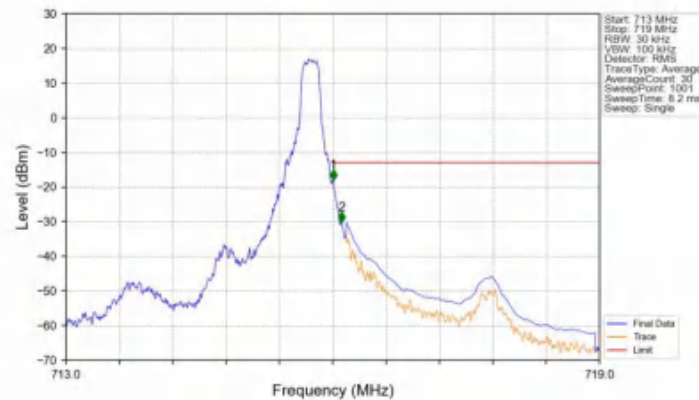
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_0_NTNV



Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_0_NTNV

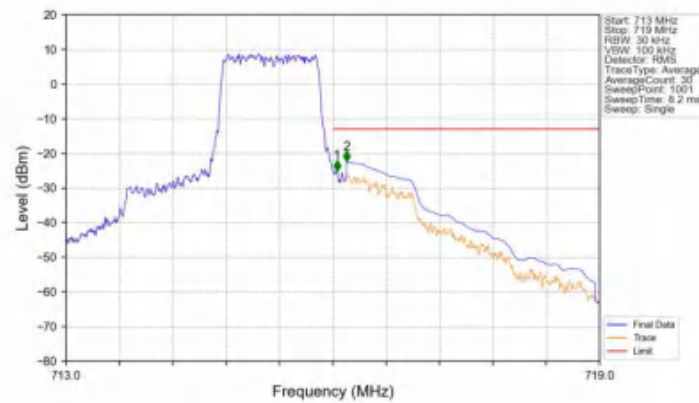


Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_5_NTNV



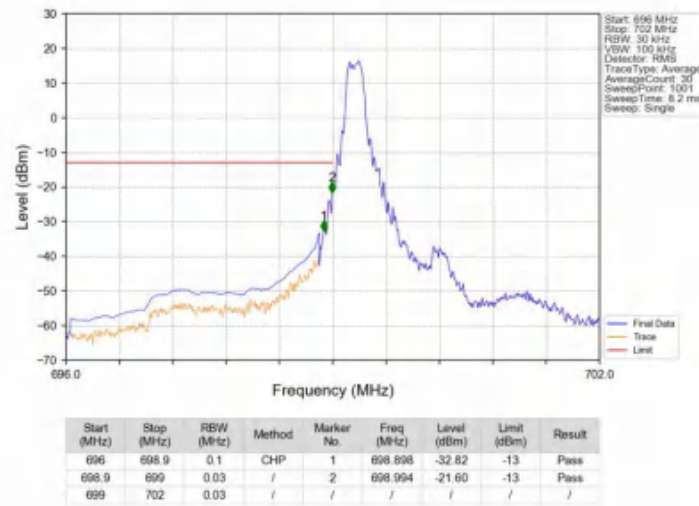
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.006	-18.04	-13	Pass
716.1	719	0.1	CHP	2	716.102	-30.32	-13	Pass

Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV

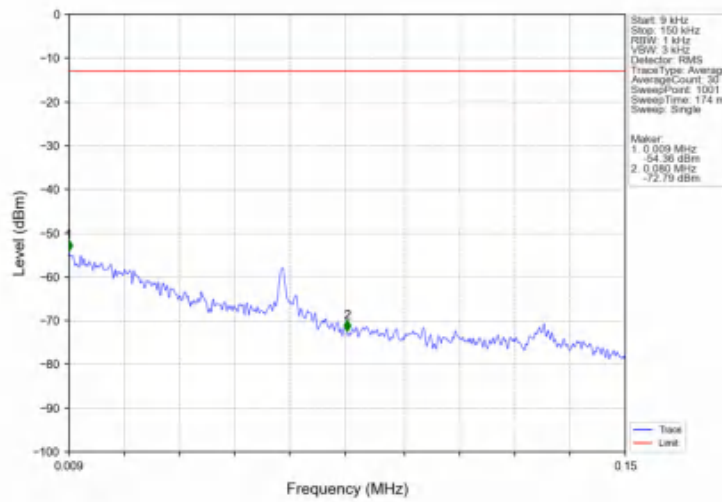


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.048	-25.03	-13	Pass
716.1	719	0.1	CHP	2	716.156	-22.47	-13	Pass

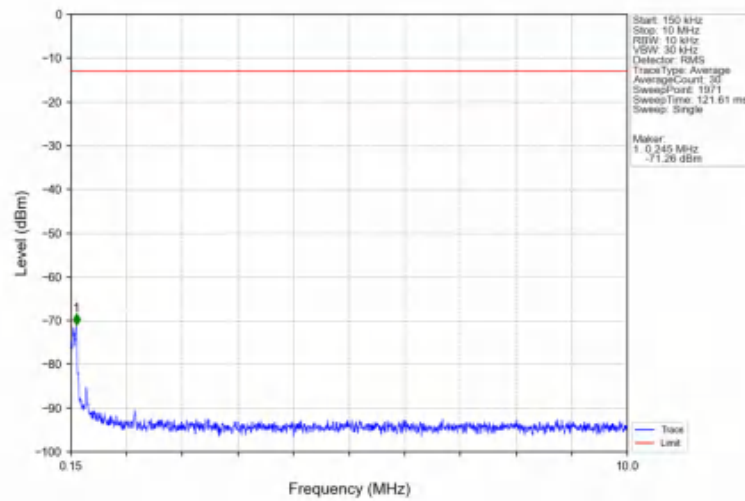
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_1_0_NTNV



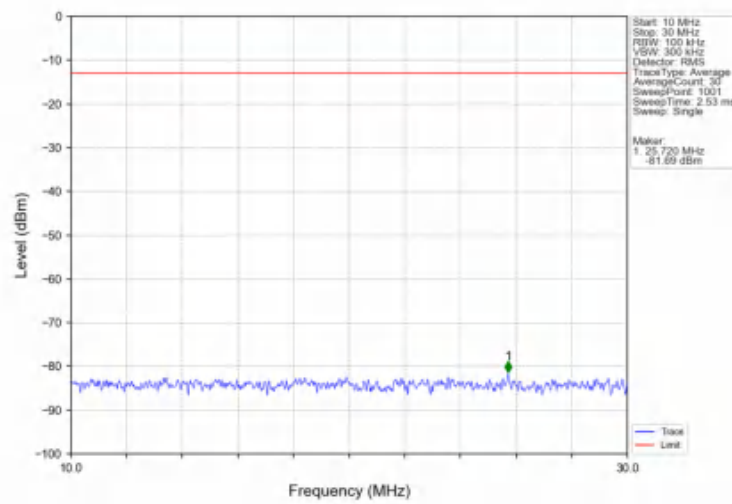
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_1_0_NTNV



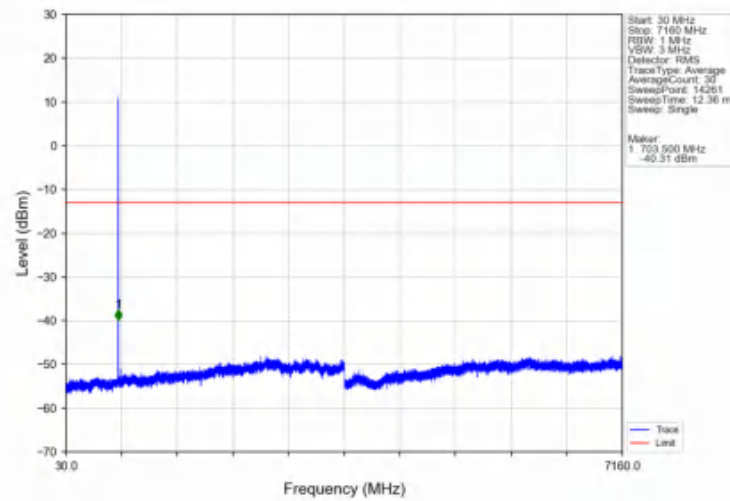
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_1_0_NTNV



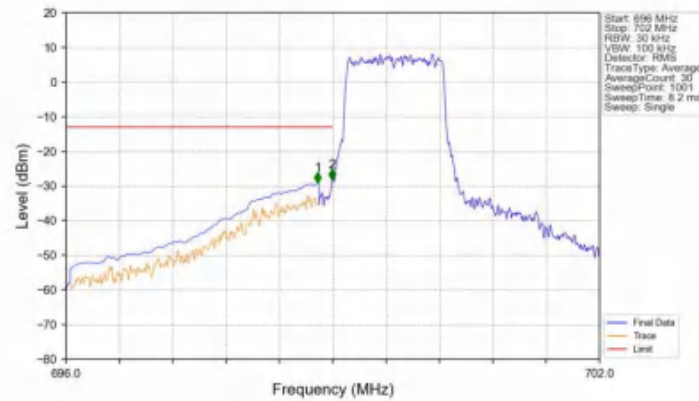
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_1_0_NTNV



Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_1_0_NTNV

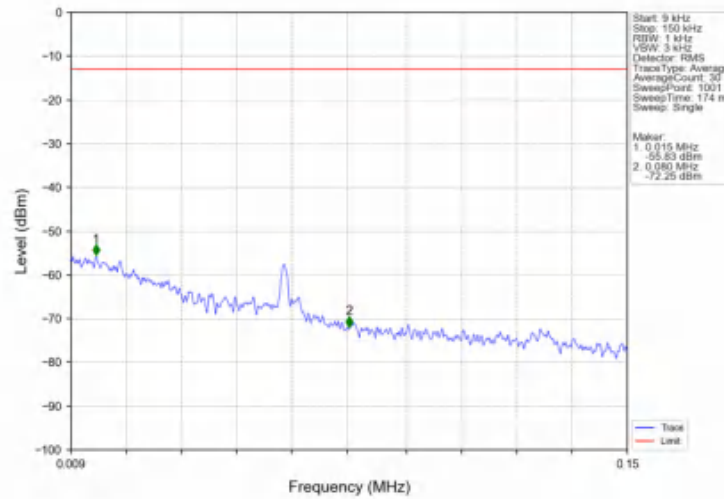


Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV

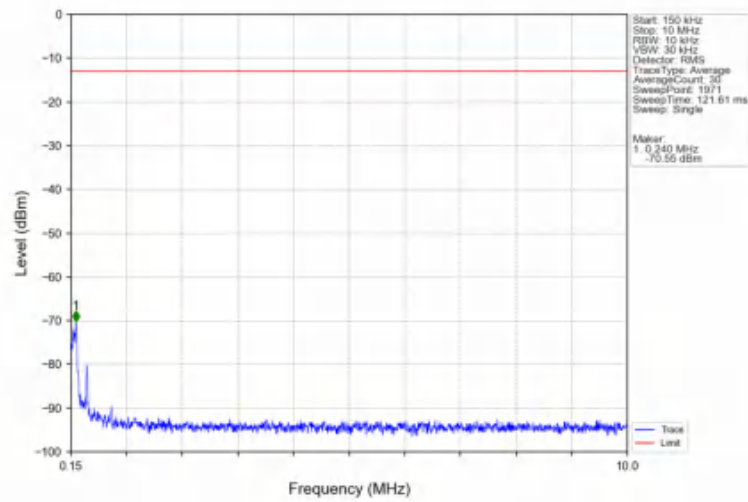


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.832	-29.08	-13	Pass
698.9	699	0.03	/	2	698.994	-28.26	-13	Pass
699	702	0.03	/	/	/	/	/	/

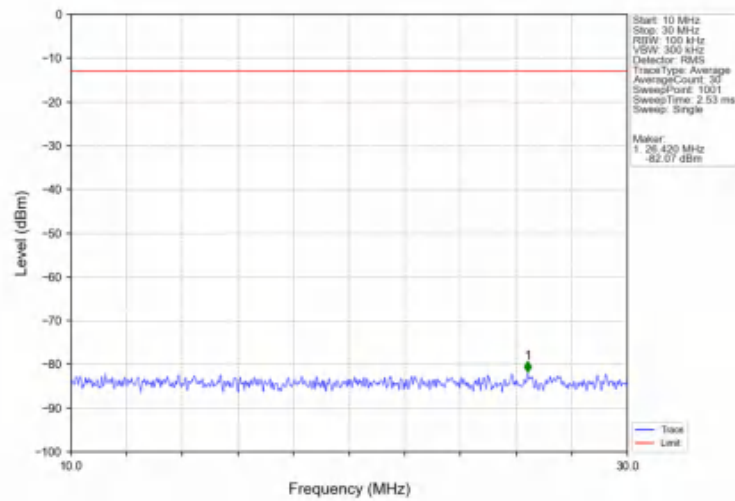
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



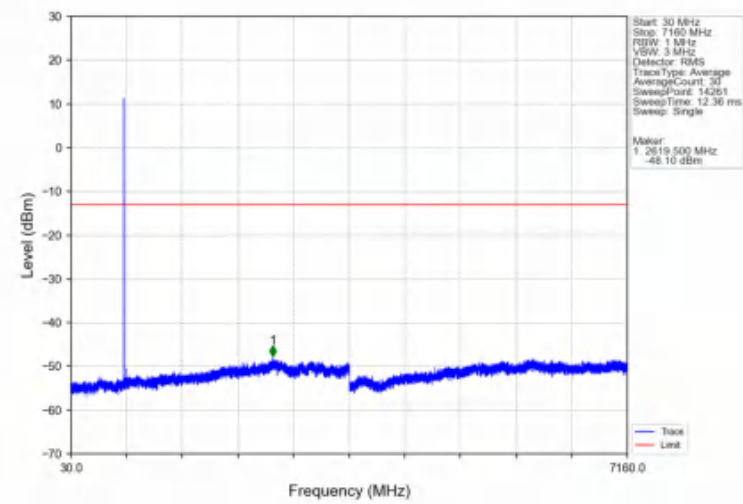
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



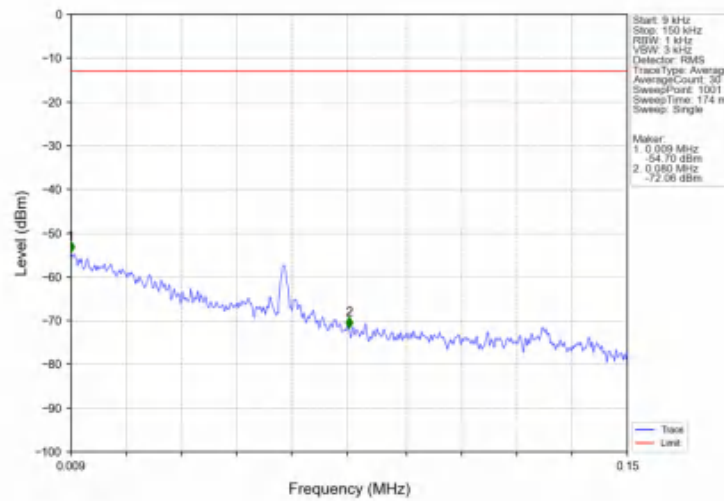
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



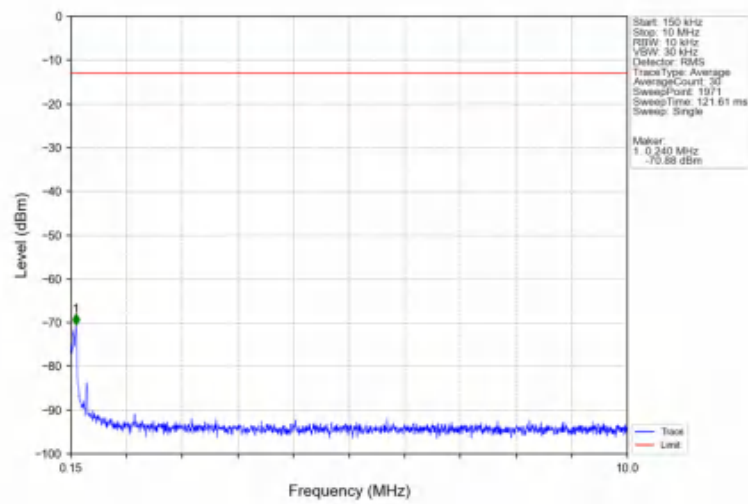
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



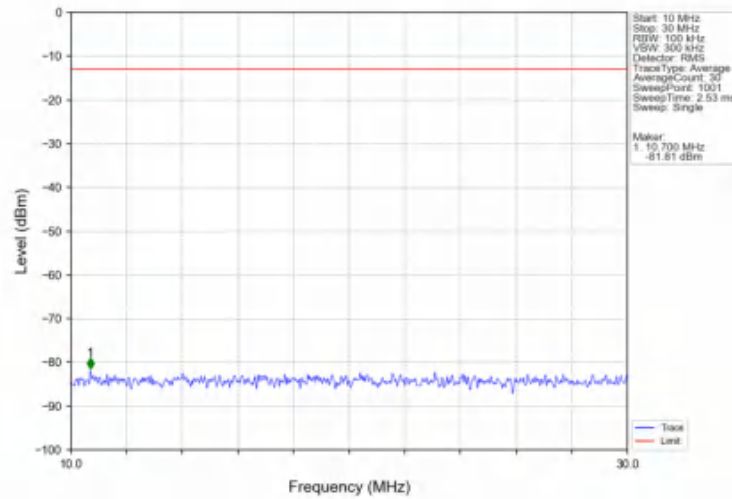
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_1_0_NTNV



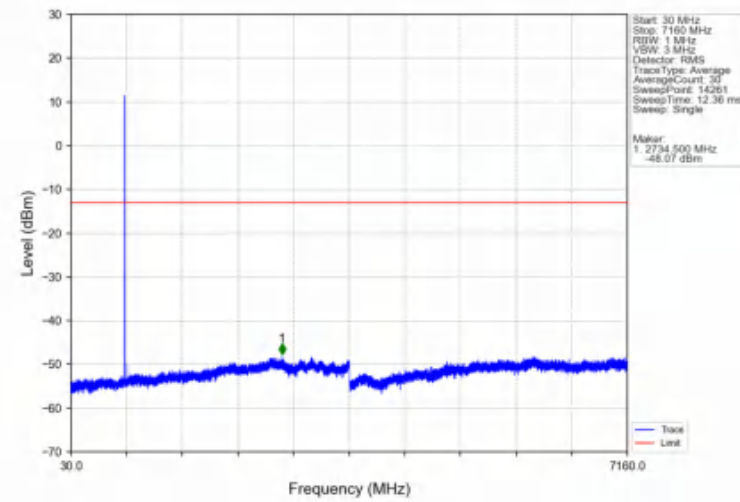
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_1_0_NTNV



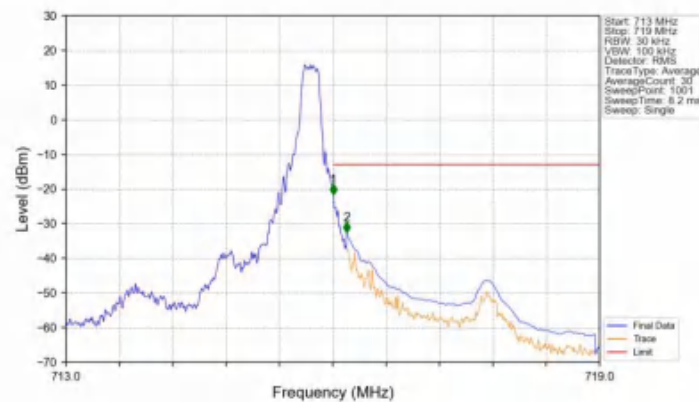
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_1_0_NTNV



Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_1_0_NTNV

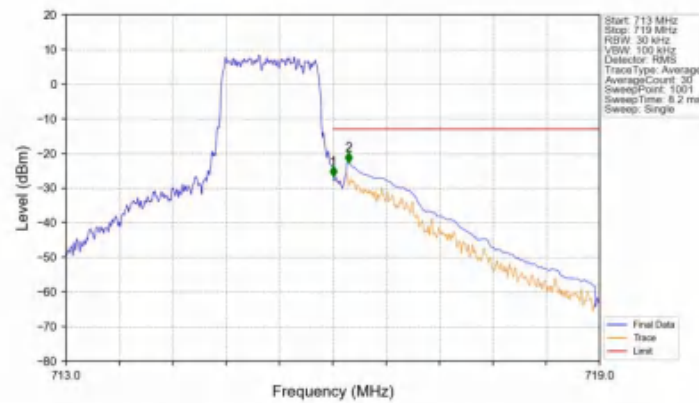


Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_1_5_NTNV



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	-21.72	-13	Pass
716.1	719	0.1	CHP	2	716.156	-32.54	-13	Pass

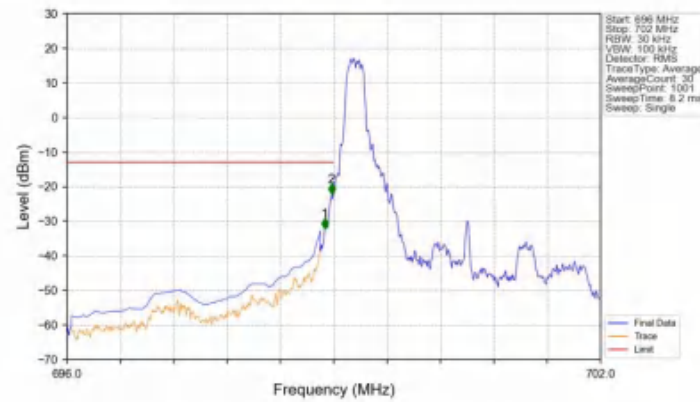
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



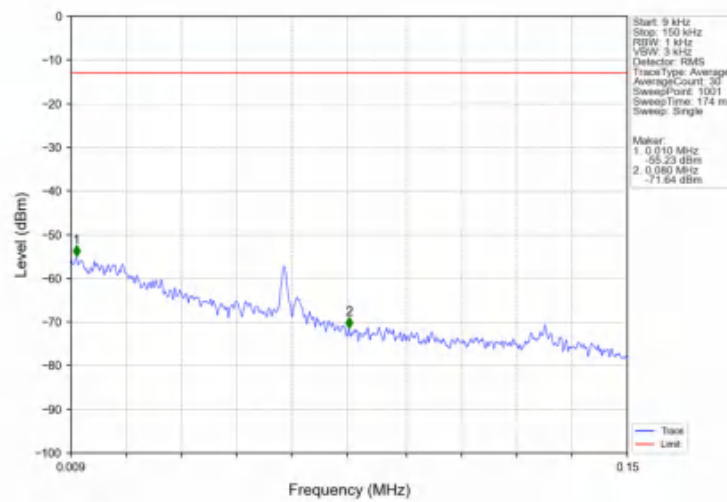
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.006	-26.72	-13	Pass
716.1	719	0.1	CHP	2	716.180	-22.76	-13	Pass

6.2.2 B12_3MHz

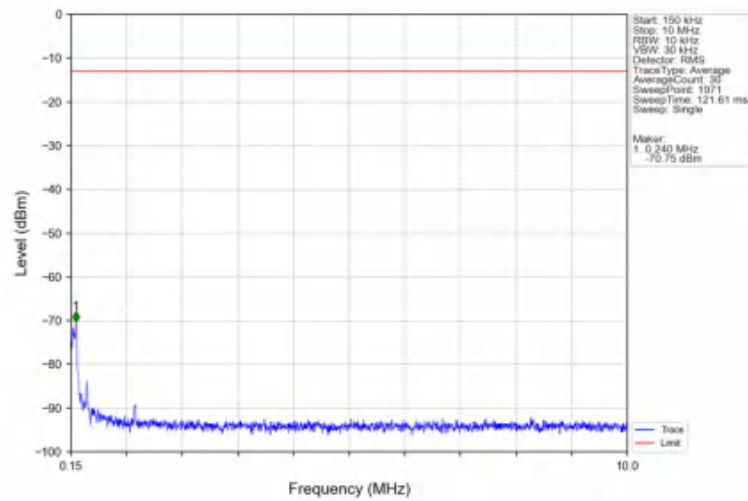
Band12_3MHz_QPSK_LCH_700.5MHz_RB_1_0_NTNV



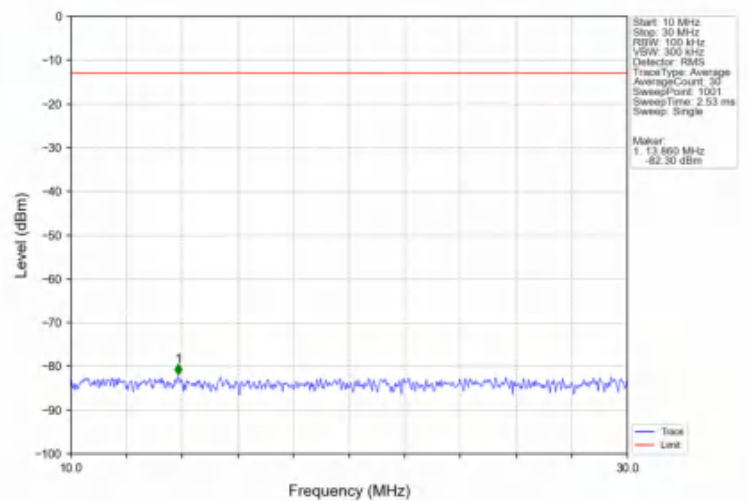
Band12_3MHz_QPSK_LCH_700.5MHz_RB_1_0_NTNV



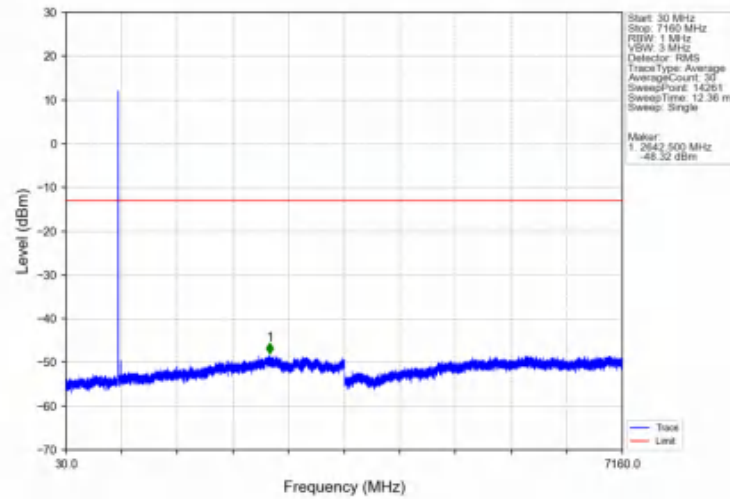
Band12_3MHz_QPSK_LCH_700.5MHz_RB_1_0_NTNV



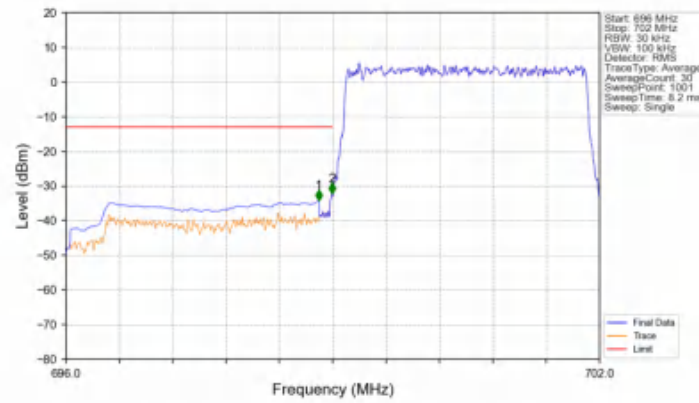
Band12_3MHz_QPSK_LCH_700.5MHz_RB_1_0_NTNV



Band12_3MHz_QPSK_LCH_700.5MHz_RB_1_0_NTNV

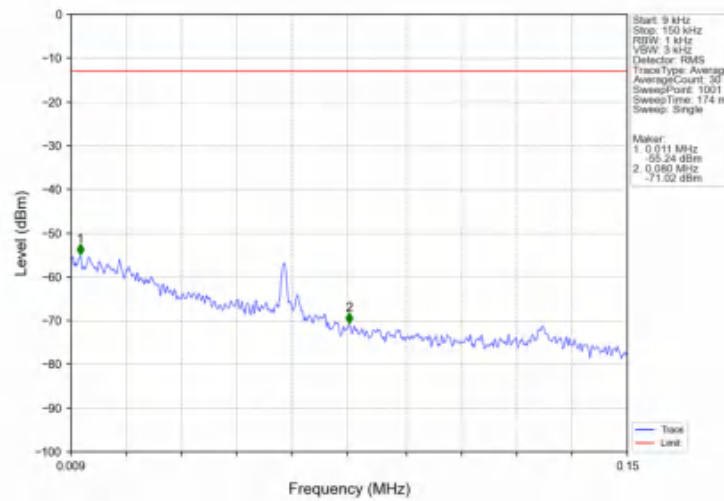


Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV

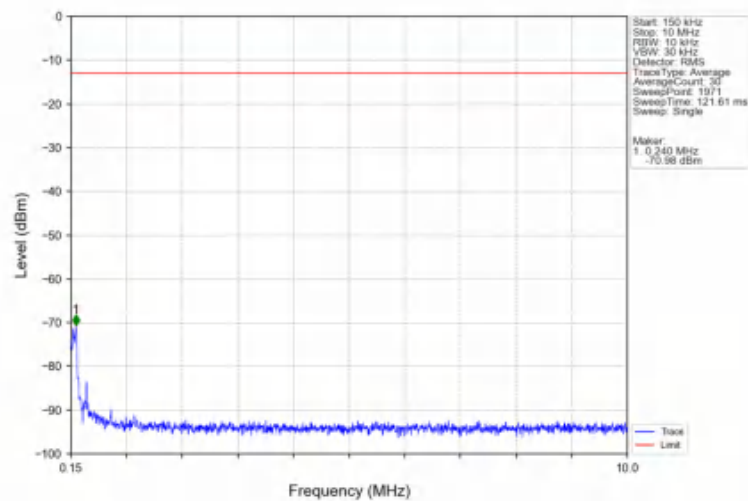


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-34.19	-13	Pass
698.9	699	0.03	/	2	698.994	-32.19	-13	Pass
699	702	0.03	/	/	/	/	/	/

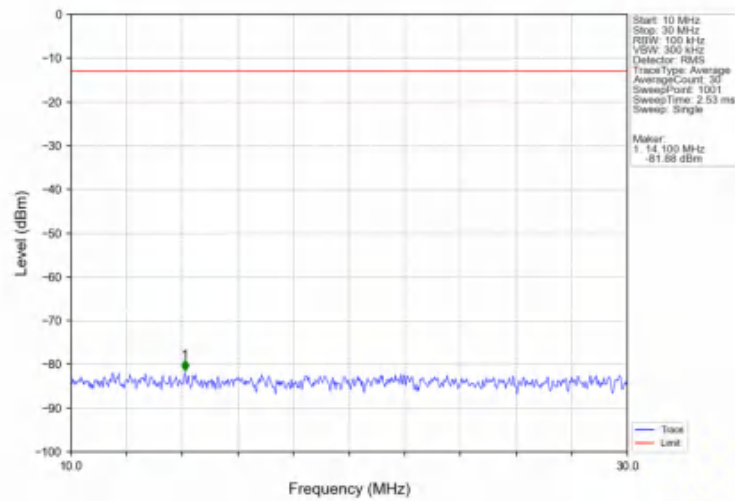
Band12_3MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



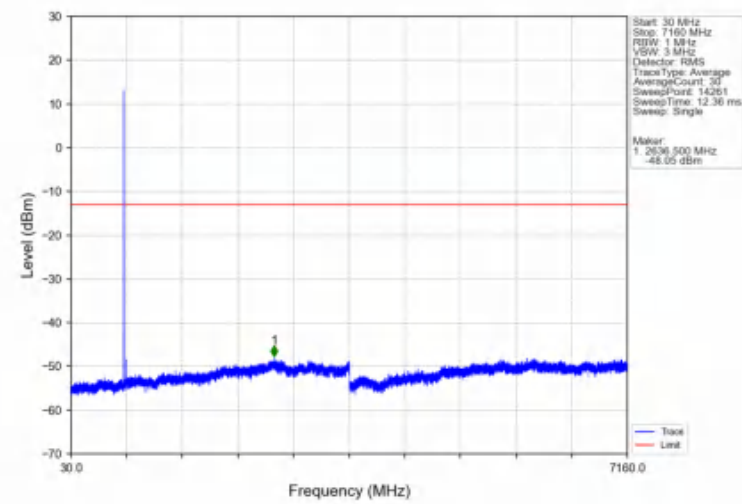
Band12_3MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



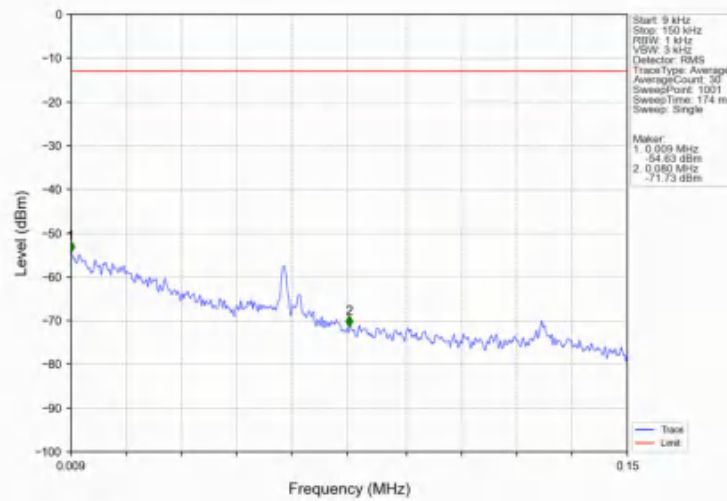
Band12_3MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



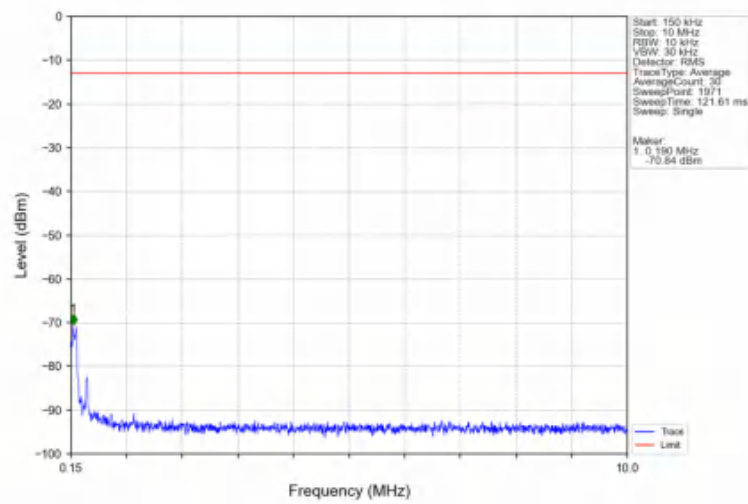
Band12_3MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



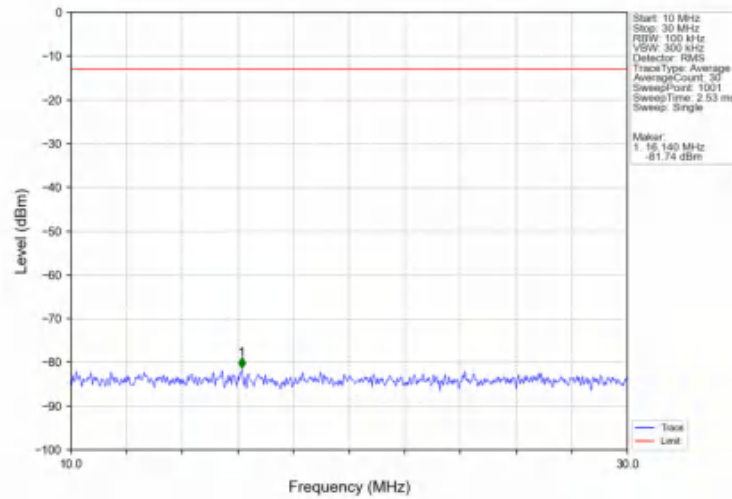
Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_0_NTNV



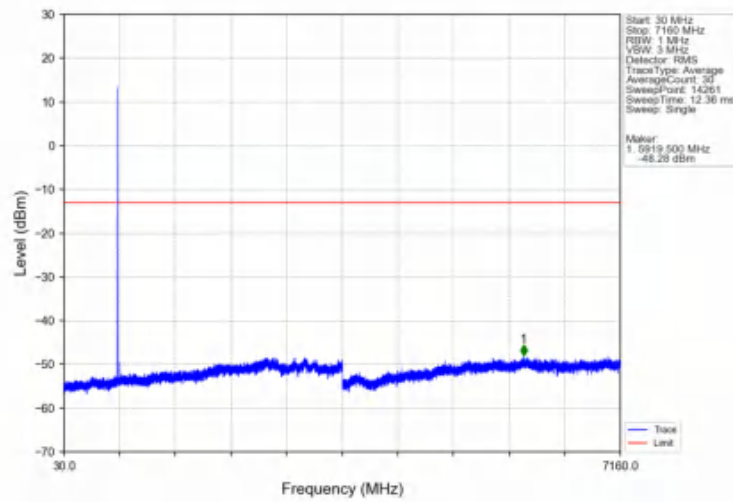
Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_0_NTNV



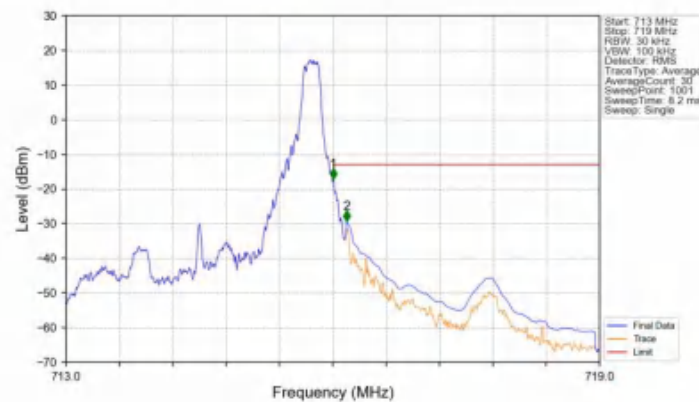
Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_0_NTNV



Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_0_NTNV

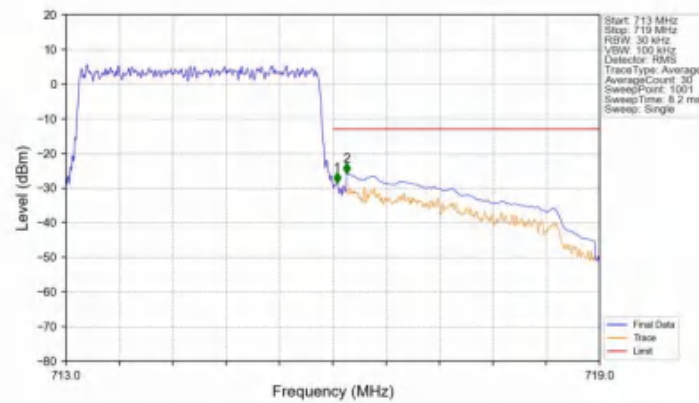


Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_14_NTNV



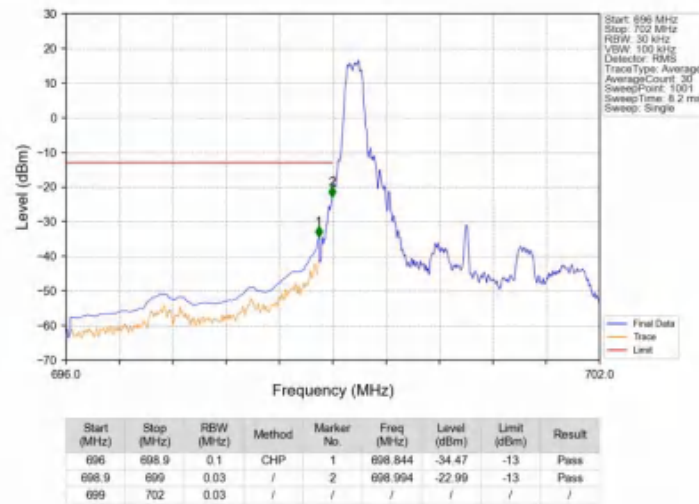
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.006	-17.06	-13	Pass
716.1	719	0.1	CHP	2	716.156	-29.39	-13	Pass

Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV

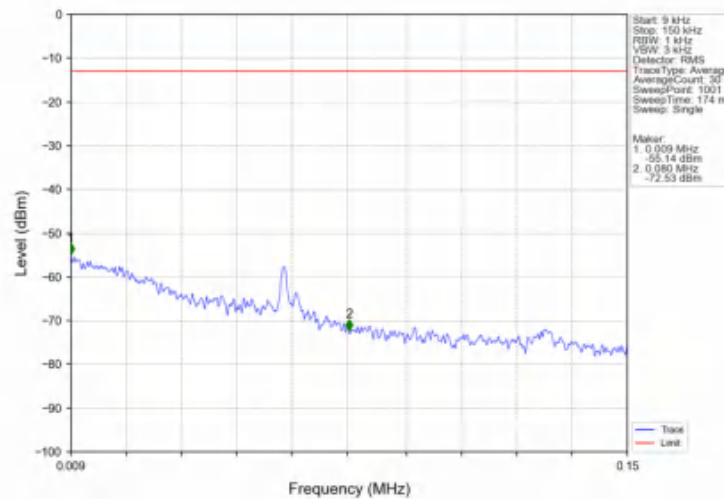


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.048	-28.61	-13	Pass
716.1	719	0.1	CHP	2	716.156	-25.86	-13	Pass

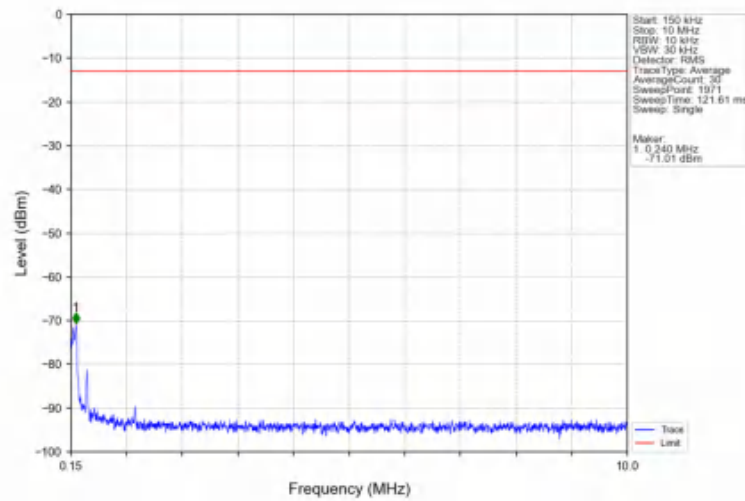
Band12_3MHz_16QAM_LCH_700.5MHz_RB_1_0_NTNV



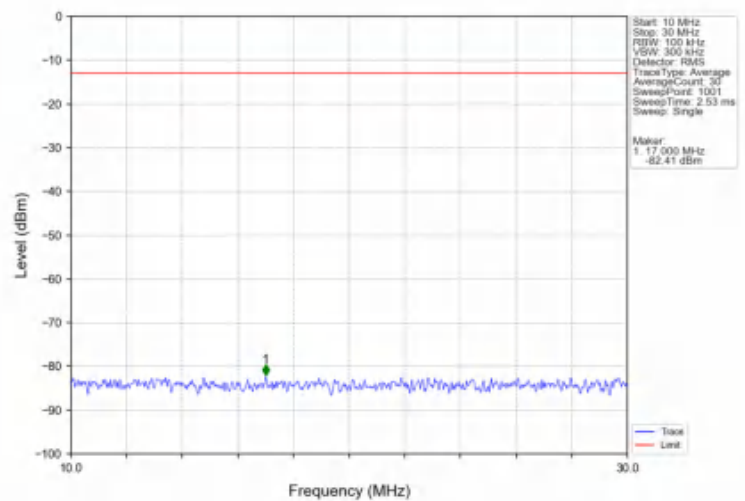
Band12_3MHz_16QAM_LCH_700.5MHz_RB_1_0_NTNV



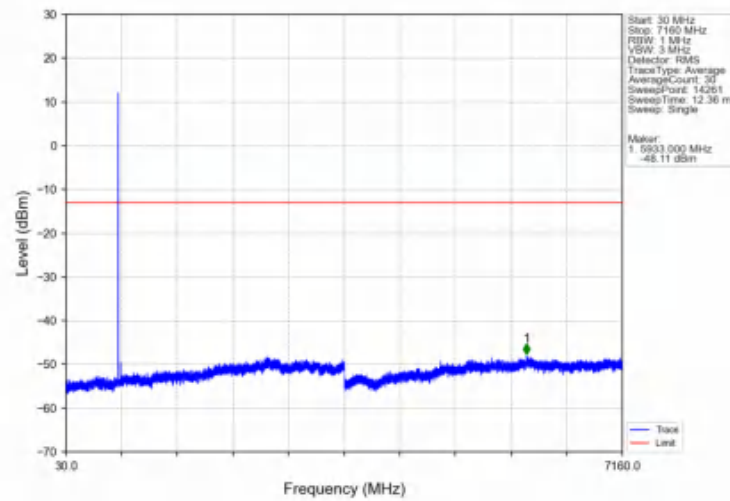
Band12_3MHz_16QAM_LCH_700.5MHz_RB_1_0_NTNV



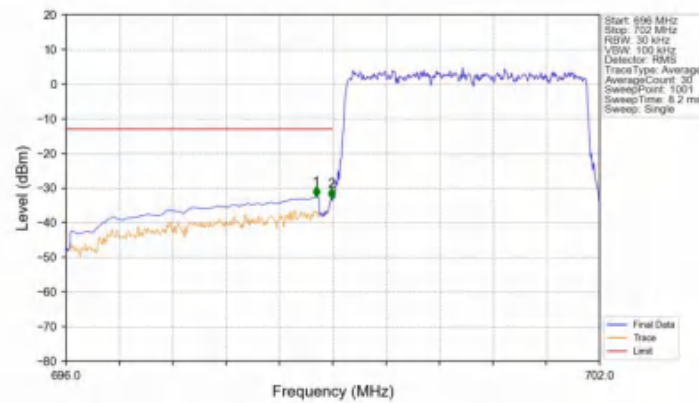
Band12_3MHz_16QAM_LCH_700.5MHz_RB_1_0_NTNV



Band12_3MHz_16QAM_LCH_700.5MHz_RB_1_0_NTNV

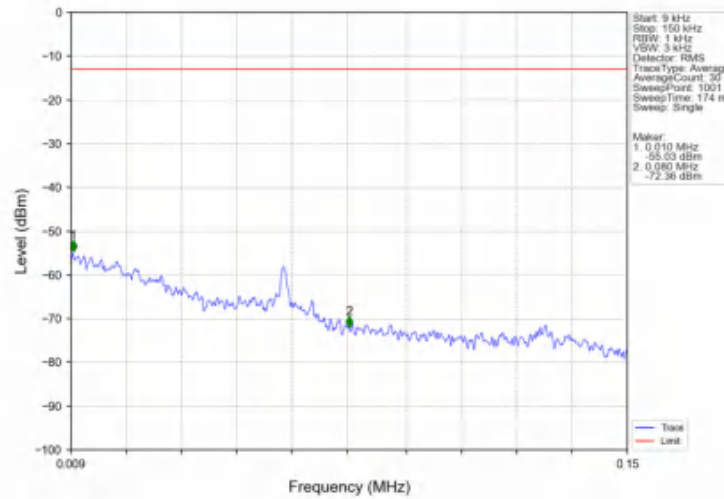


Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV

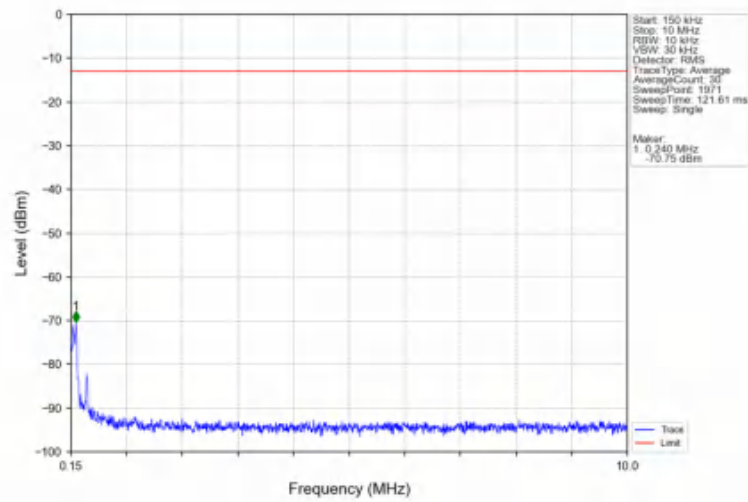


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.814	-32.61	-13	Pass
698.9	699	0.03	/	2	698.988	-33.14	-13	Pass
699	702	0.03	/	/	/	/	/	/

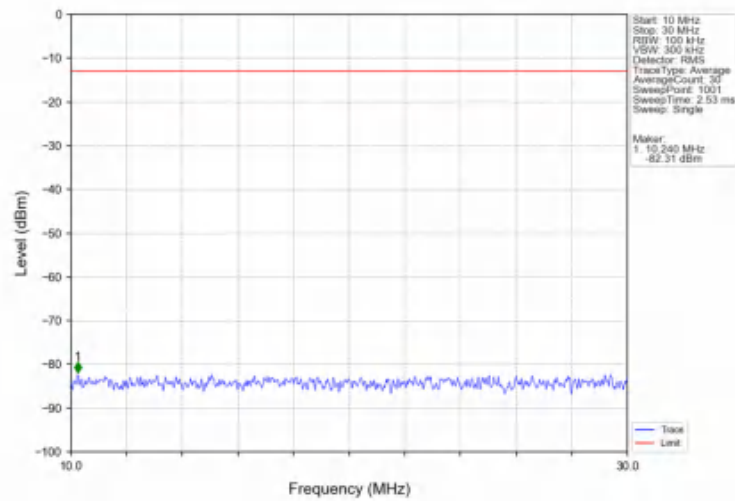
Band12_3MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



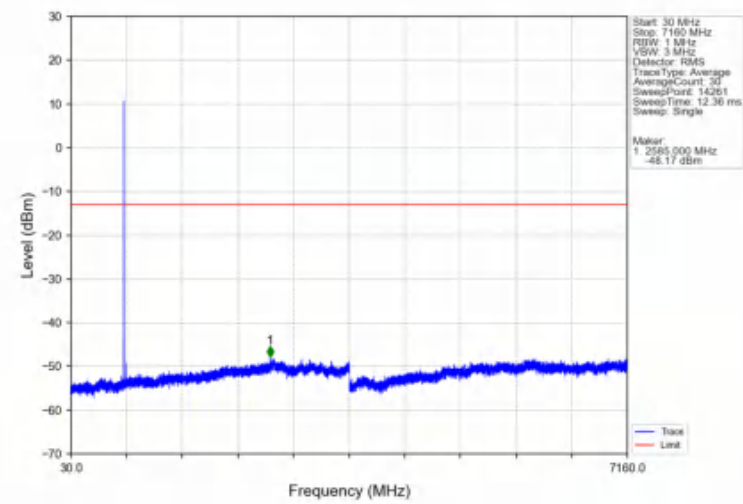
Band12_3MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



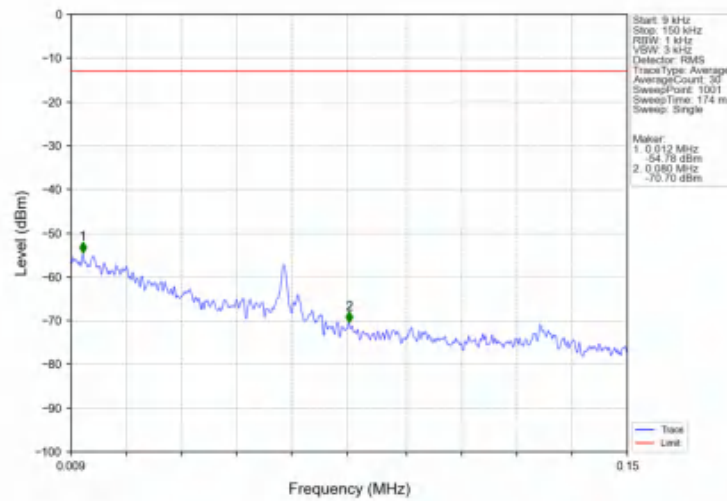
Band12_3MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



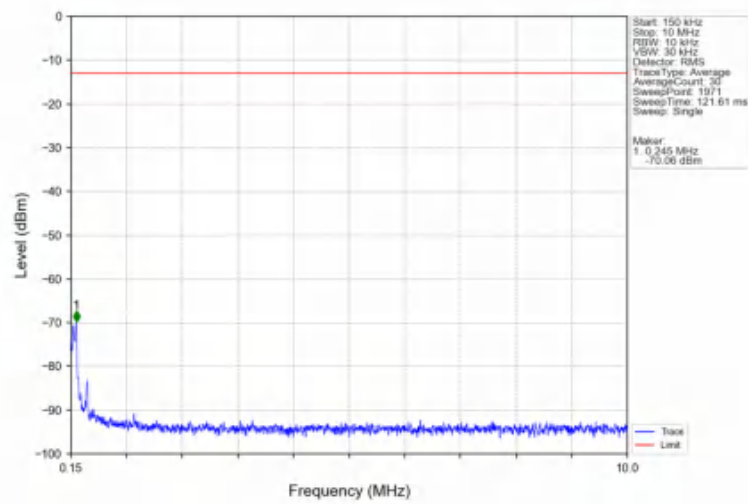
Band12_3MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



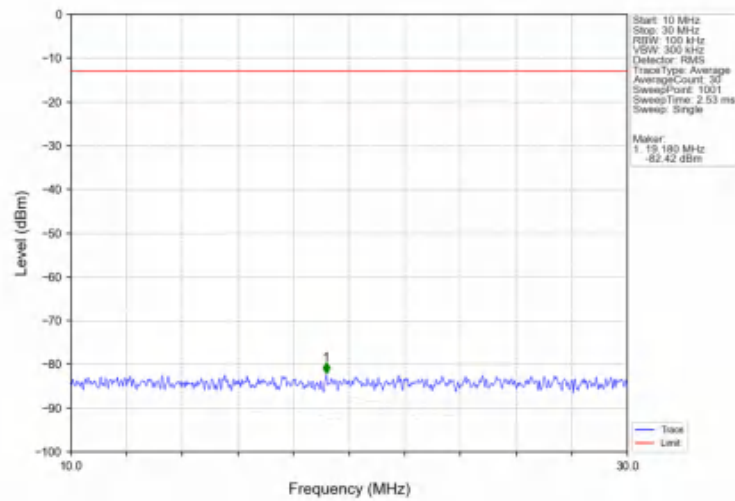
Band12_3MHz_16QAM_HCH_714.5MHz_RB_1_0_NTNV



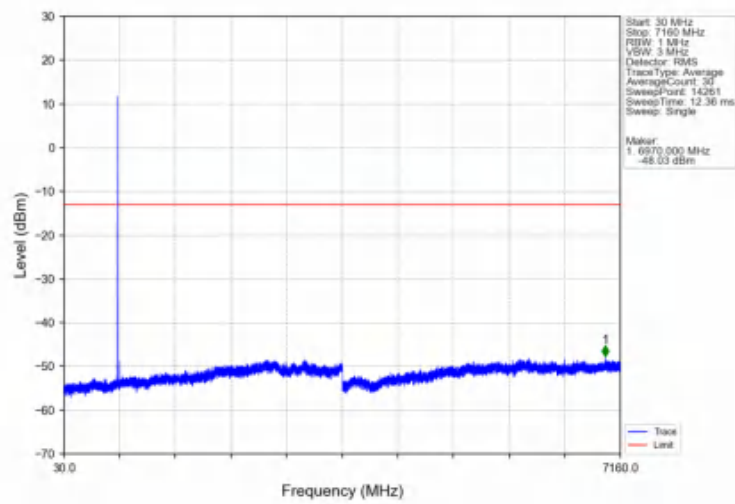
Band12_3MHz_16QAM_HCH_714.5MHz_RB_1_0_NTNV



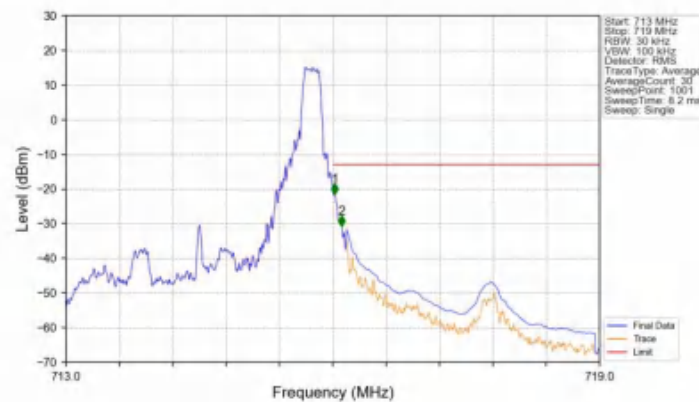
Band12_3MHz_16QAM_HCH_714.5MHz_RB_1_0_NTNV



Band12_3MHz_16QAM_HCH_714.5MHz_RB_1_0_NTNV

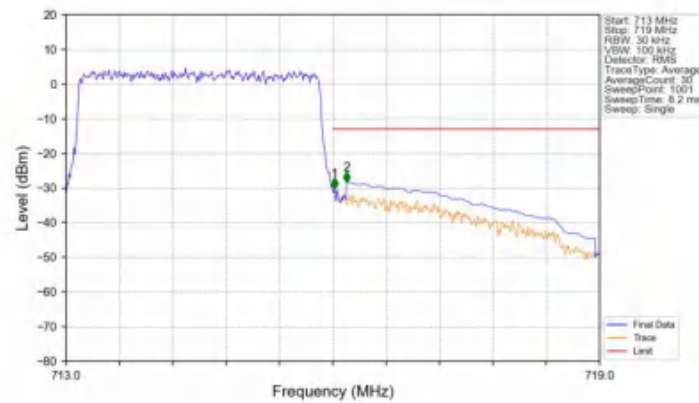


Band12_3MHz_16QAM_HCH_714.5MHz_RB_1_14_NTNV



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	716.024	-21.49	-13	Pass
716.1	719	0.1	CHP	2	716.102	-30.74	-13	Pass

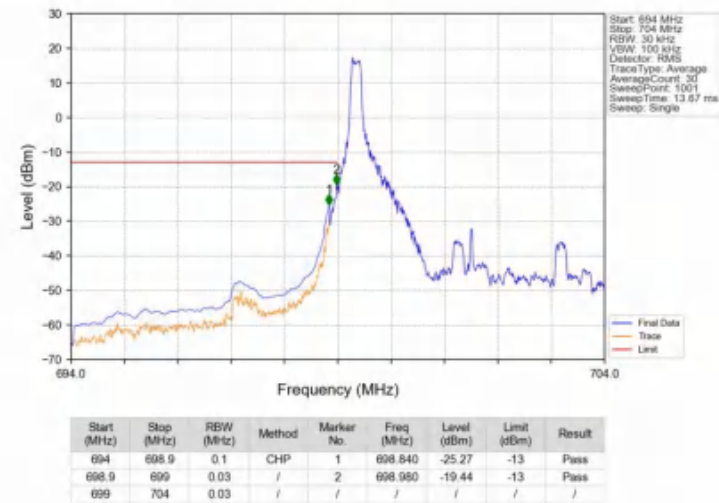
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



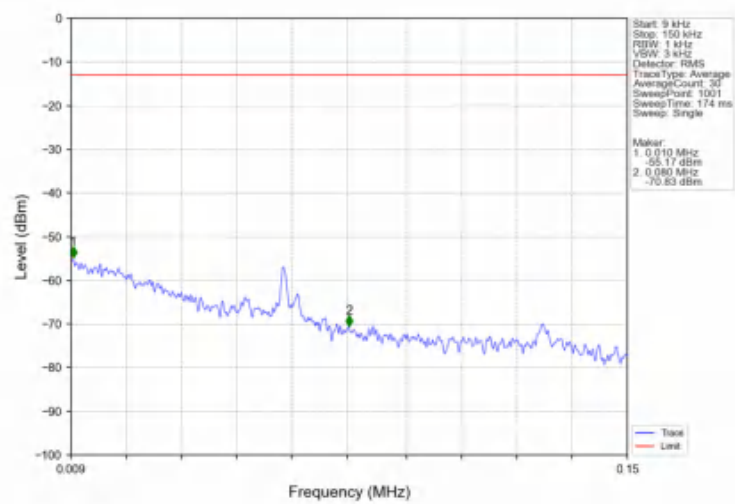
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.018	-30.19	-13	Pass
716.1	719	0.1	CHP	2	716.156	-28.32	-13	Pass

6.2.3 B12_5MHz

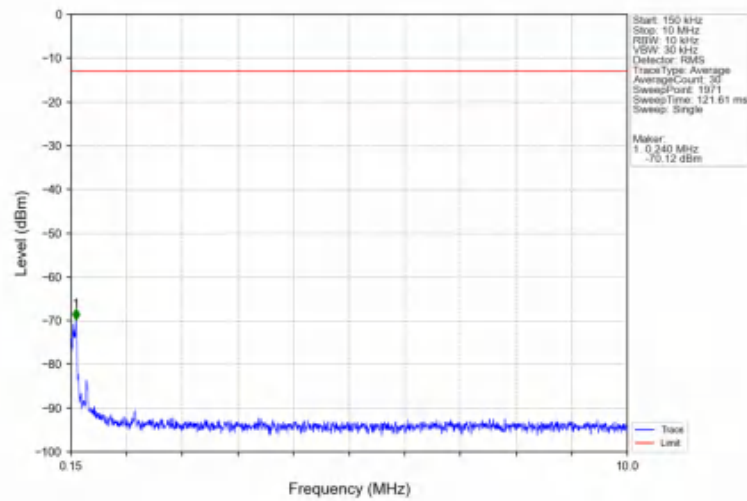
Band12_5MHz_QPSK_LCH_701.5MHz_RB_1_0_NTNV



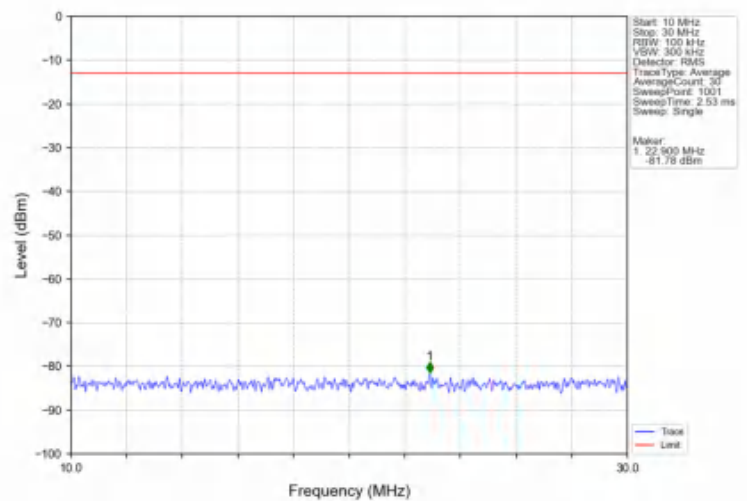
Band12_5MHz_QPSK_LCH_701.5MHz_RB_1_0_NTNV



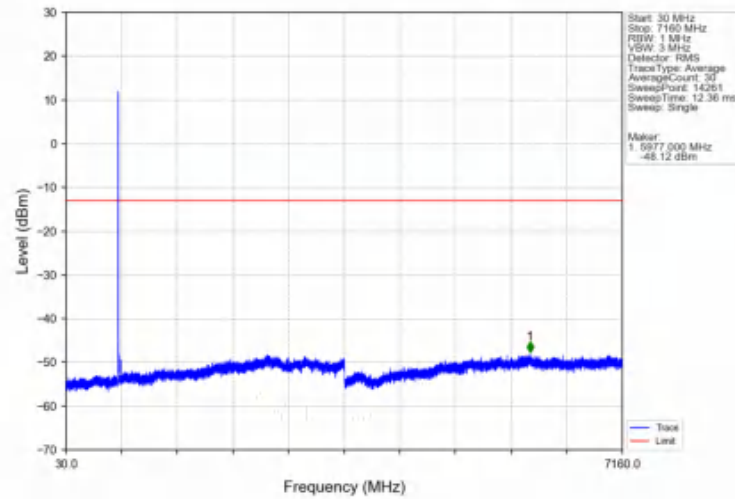
Band12_5MHz_QPSK_LCH_701.5MHz_RB_1_0_NTNV



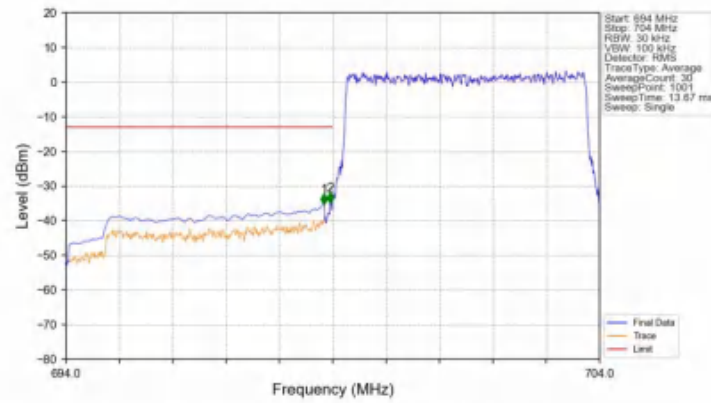
Band12_5MHz_QPSK_LCH_701.5MHz_RB_1_0_NTNV



Band12_5MHz_QPSK_LCH_701.5MHz_RB_1_0_NTNV

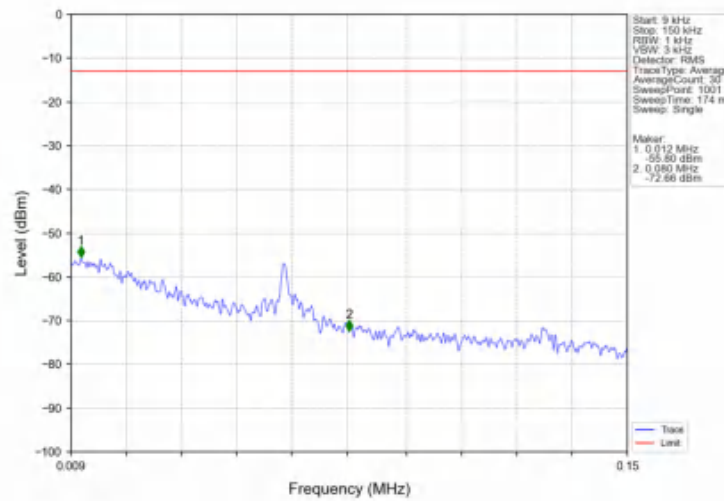


Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV

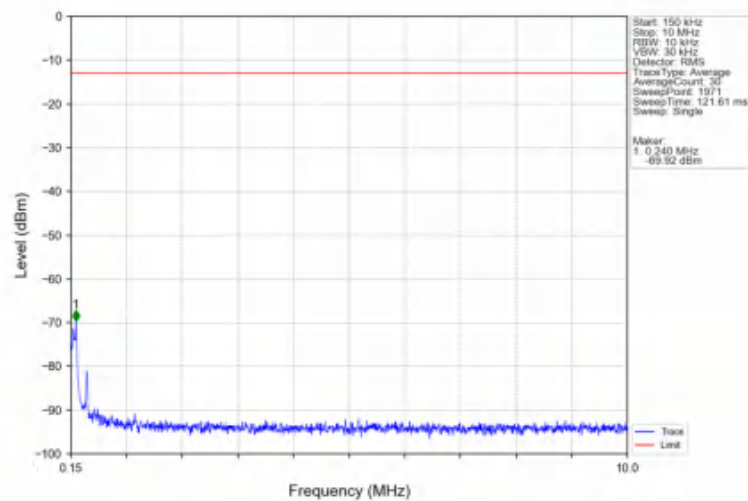


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-35.37	-13	Pass
698.9	699	0.03	/	2	698.950	-34.89	-13	Pass
699	704	0.03	/	/	/	/	/	/

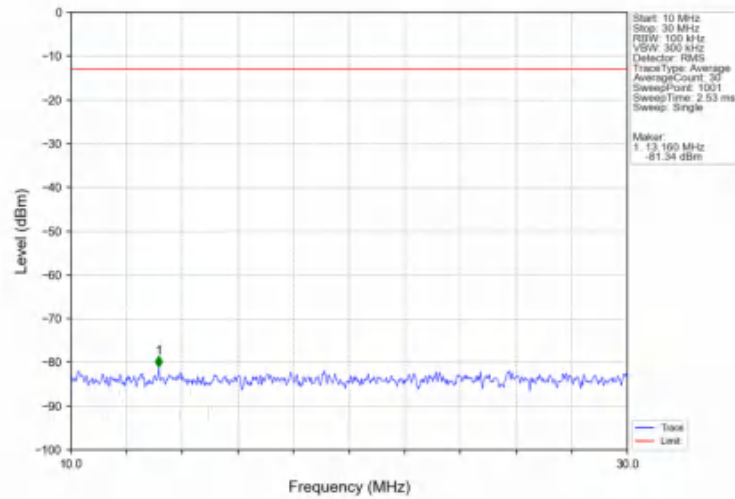
Band12_5MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



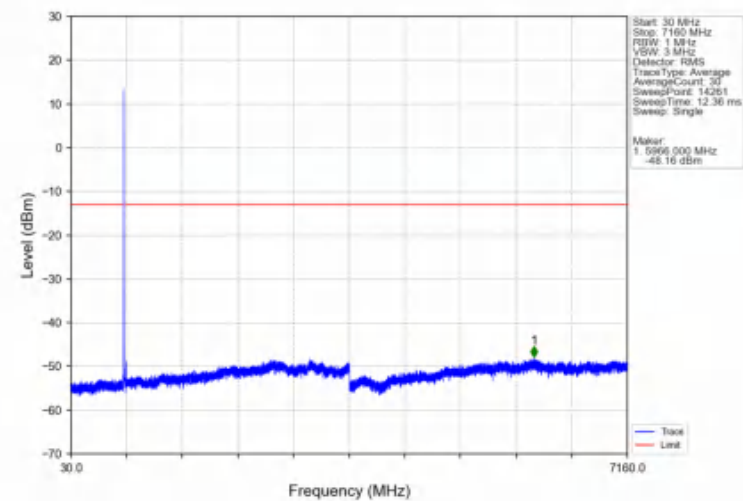
Band12_5MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



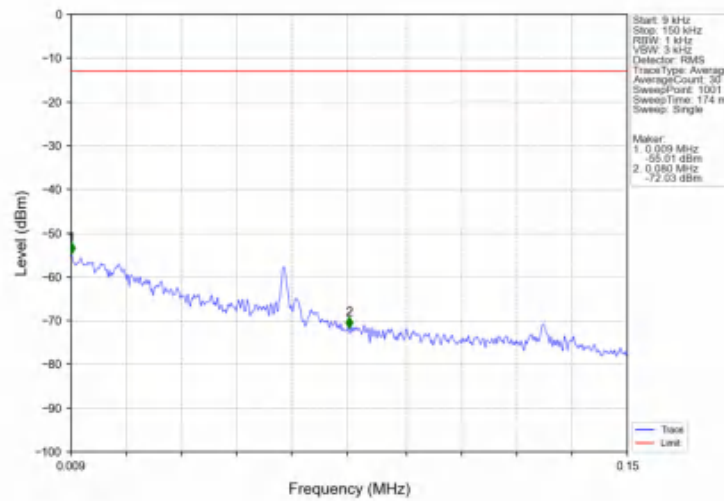
Band12_5MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



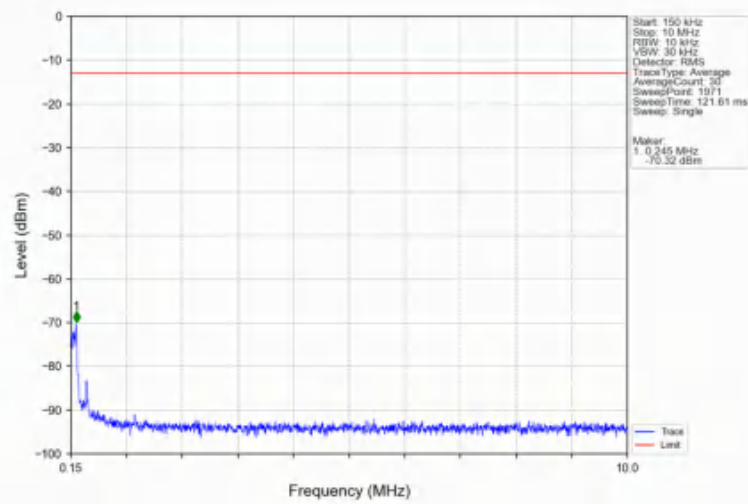
Band12_5MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



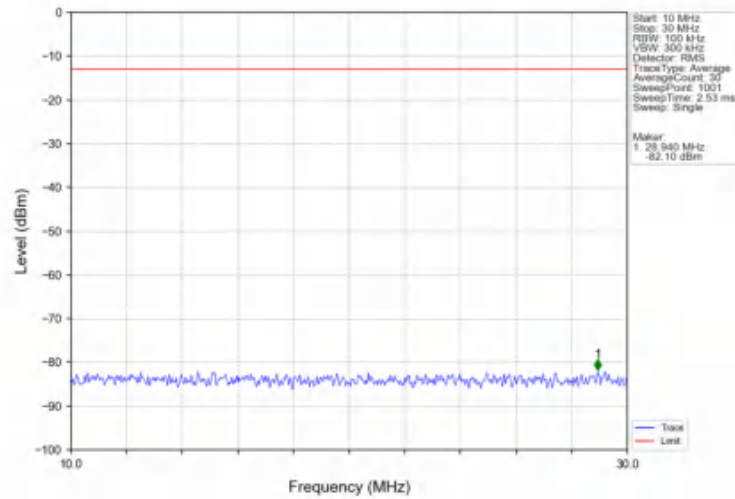
Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV



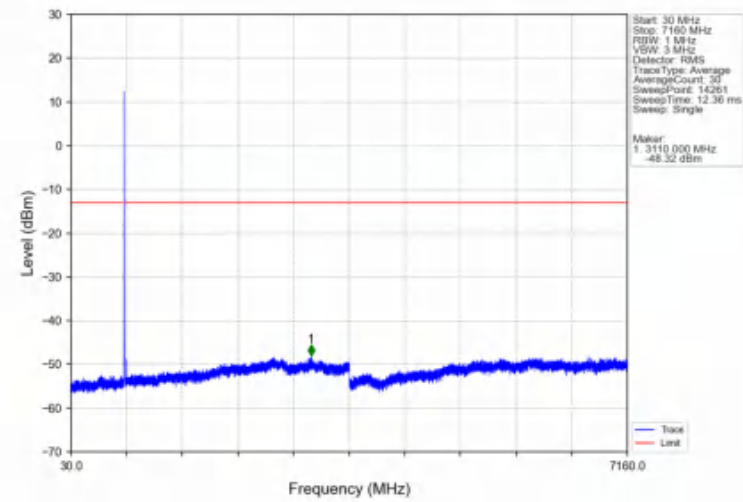
Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV



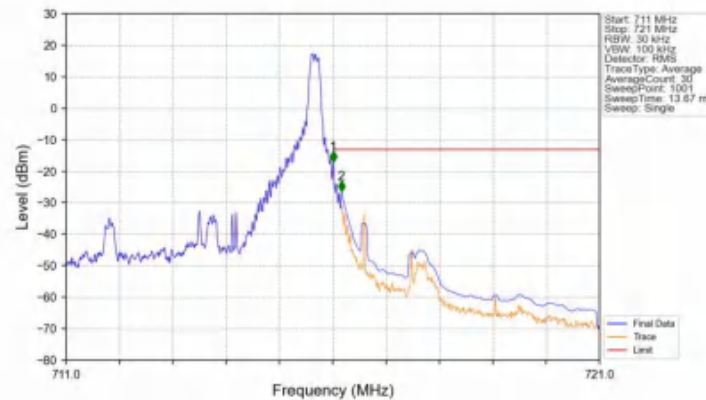
Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV



Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV

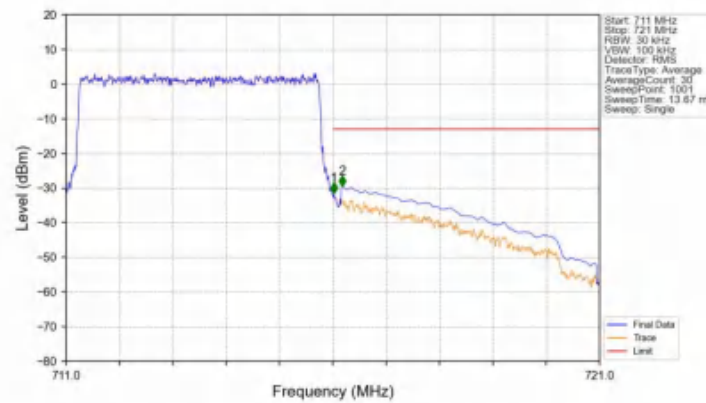


Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV



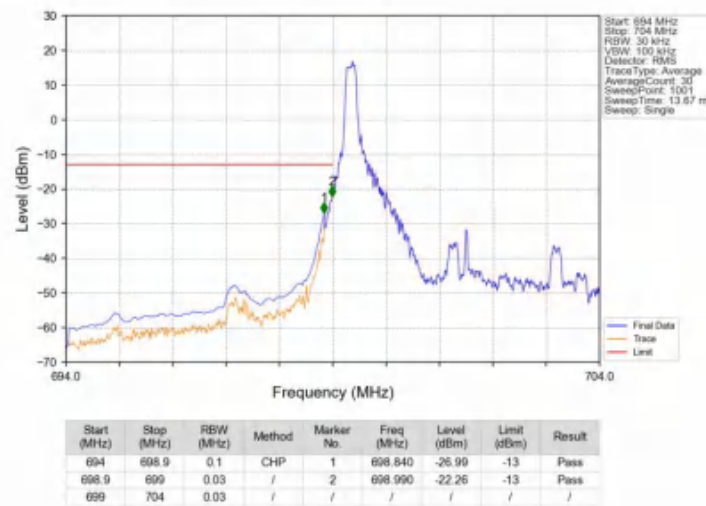
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-16.98	-13	Pass
716.1	721	0.1	CHP	2	716.160	-25.38	-13	Pass

Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV

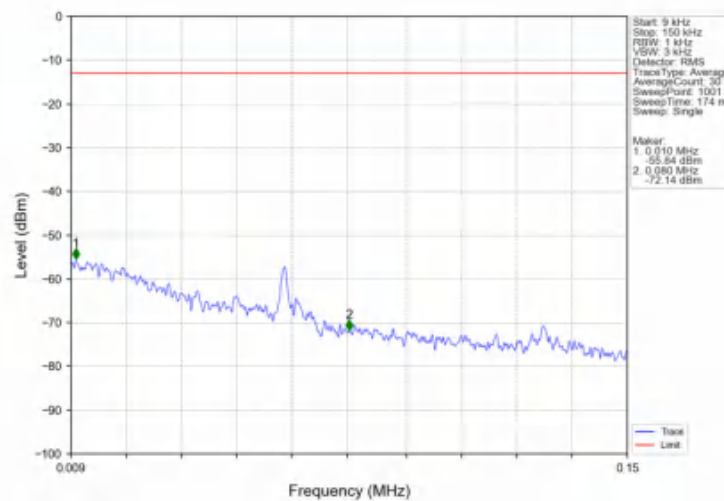


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.020	-31.52	-13	Pass
716.1	721	0.1	CHP	2	716.180	-29.52	-13	Pass

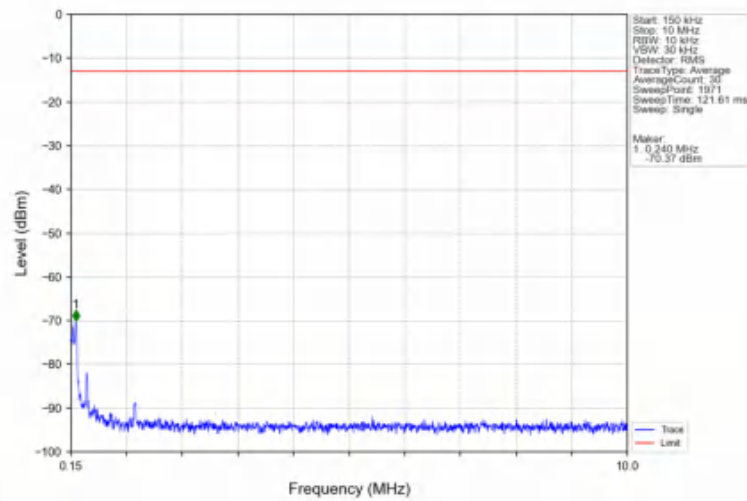
Band12_5MHz_16QAM_LCH_701.5MHz_RB_1_0_NTNV



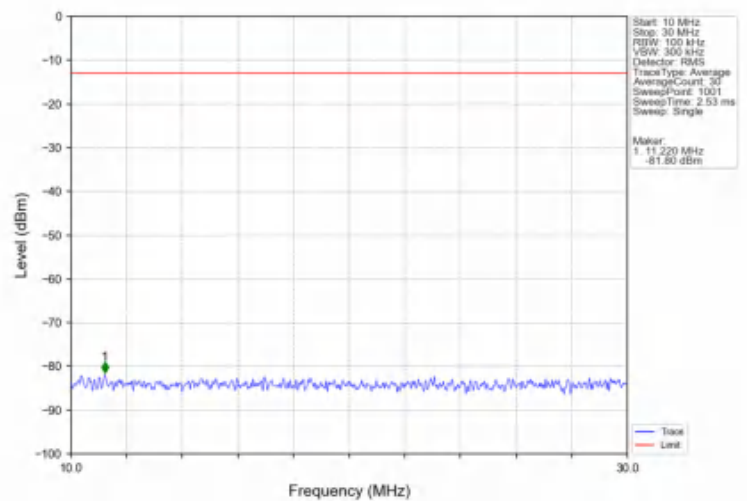
Band12_5MHz_16QAM_LCH_701.5MHz_RB_1_0_NTNV



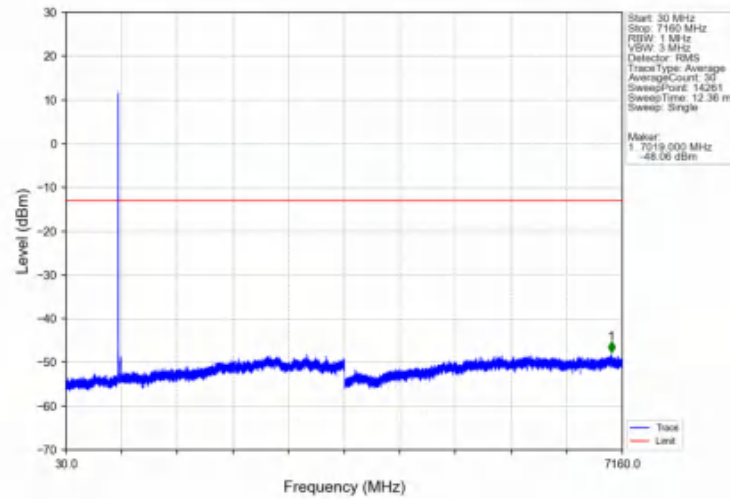
Band12_5MHz_16QAM_LCH_701.5MHz_RB_1_0_NTNV



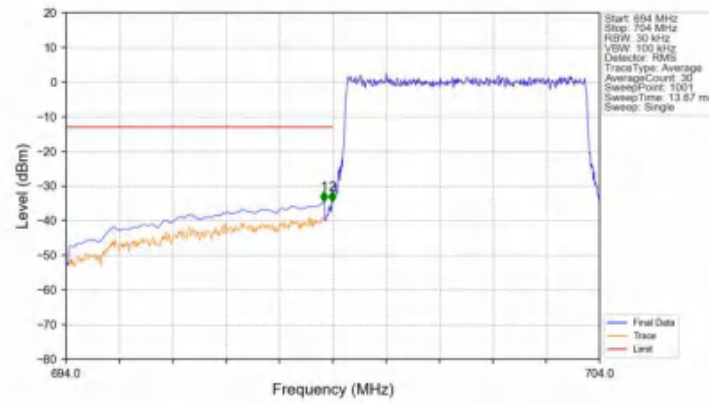
Band12_5MHz_16QAM_LCH_701.5MHz_RB_1_0_NTNV



Band12_5MHz_16QAM_LCH_701.5MHz_RB_1_0_NTNV

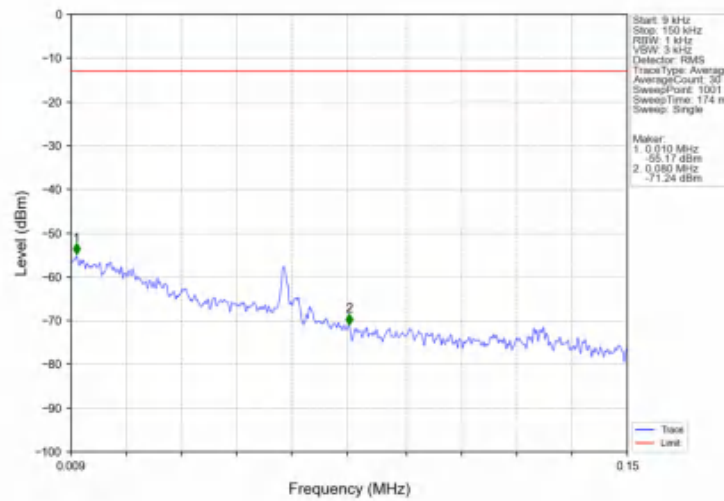


Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV

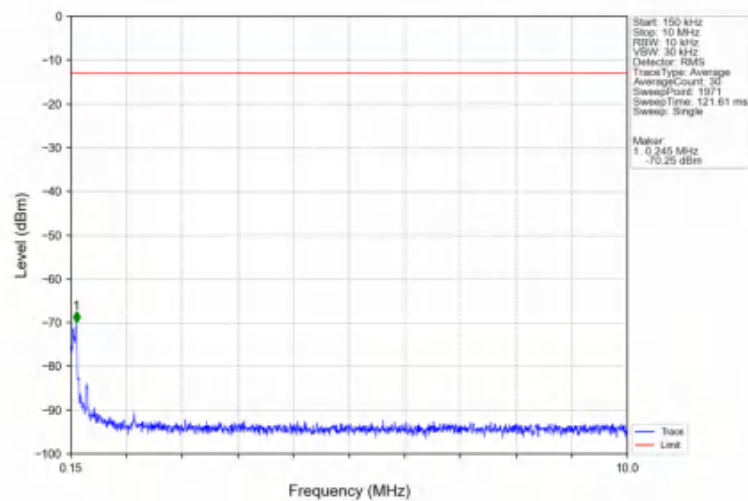


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-34.67	-13	Pass
698.9	699	0.03	/	2	698.990	-34.55	-13	Pass
699	704	0.03	/	/	/	/	/	/

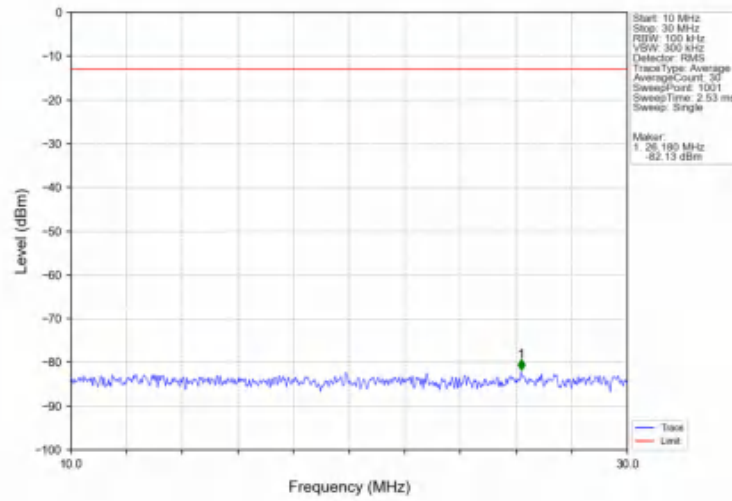
Band12_5MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



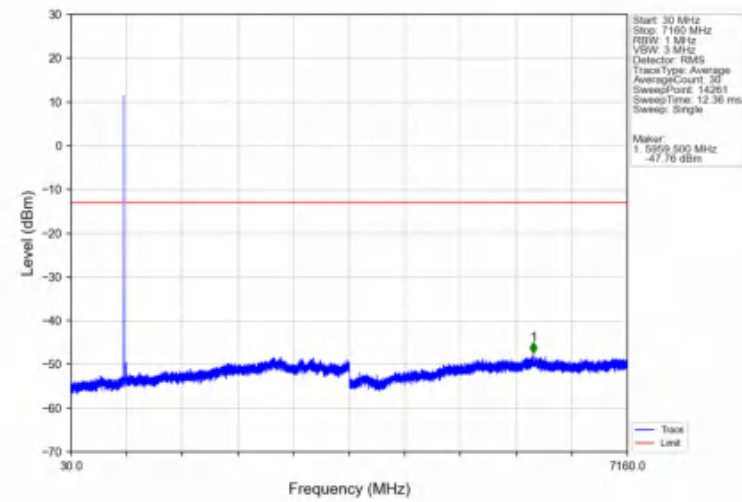
Band12_5MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



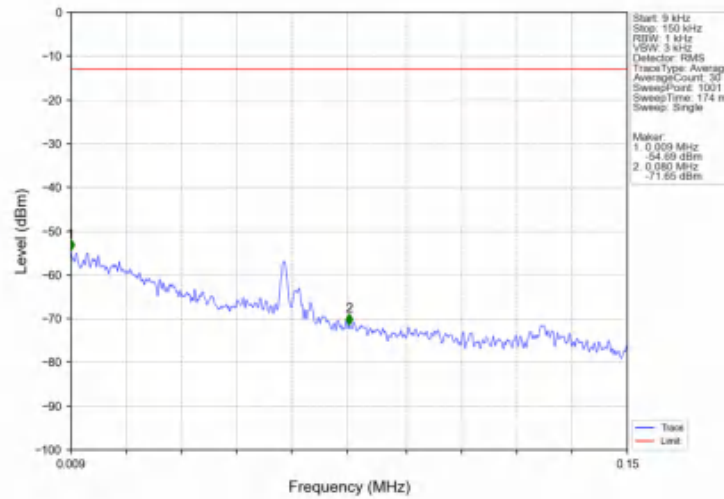
Band12_5MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



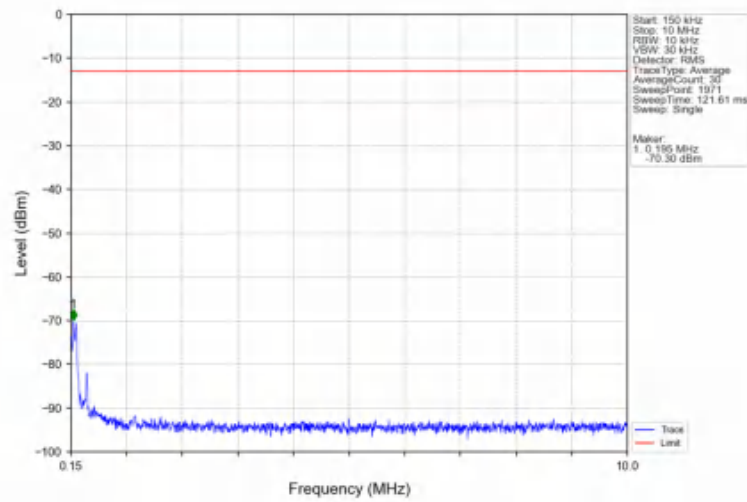
Band12_5MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



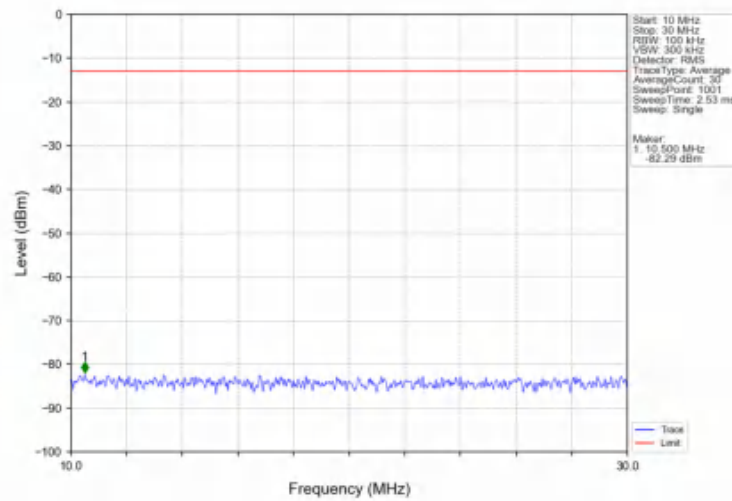
Band12_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



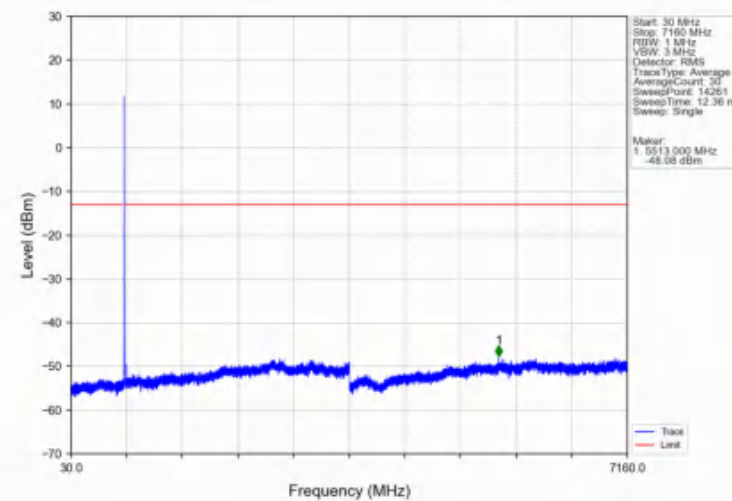
Band12_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



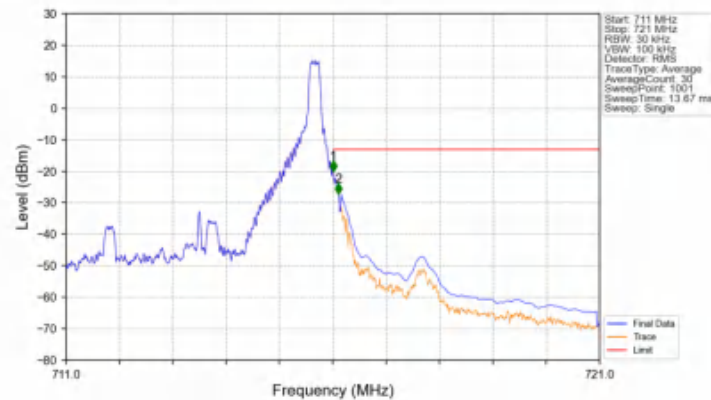
Band12_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



Band12_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV

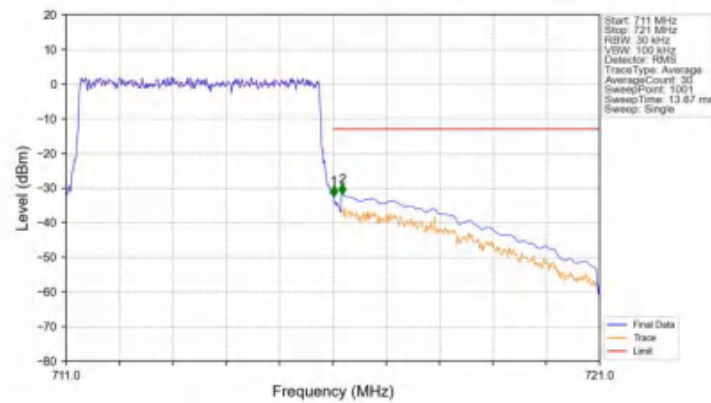


Band12_5MHz_16QAM_HCH_713.5MHz_RB_1_24_NTNV



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	-20.05	-13	Pass
716.1	721	0.1	CHP	2	716.110	-27.29	-13	Pass

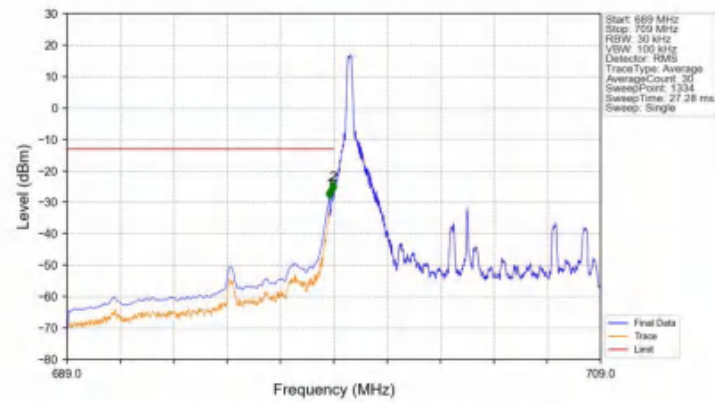
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



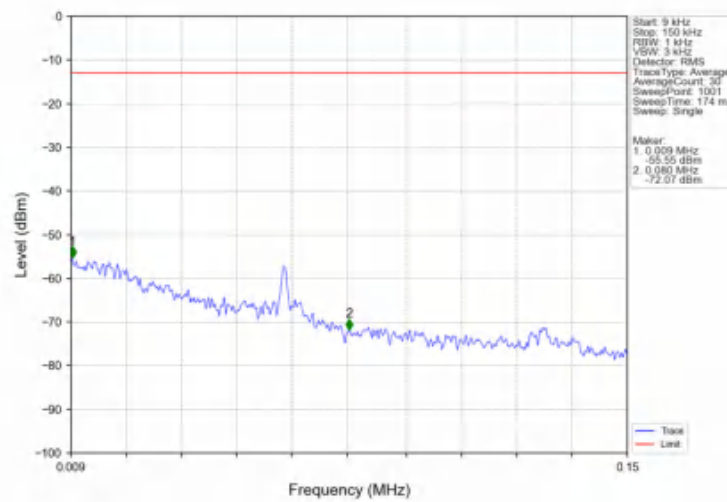
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.020	-32.43	-13	Pass
716.1	721	0.1	CHP	2	716.180	-31.85	-13	Pass

6.2.4 B12_10MHz

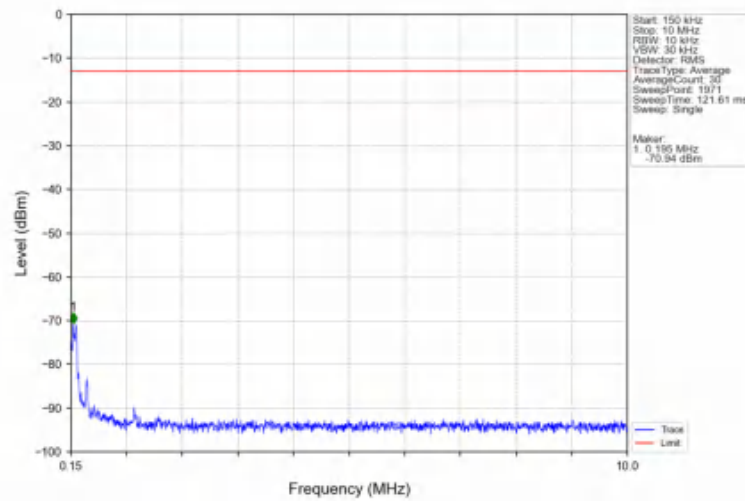
Band12_10MHz_QPSK_LCH_704MHz_RB_1_0_NTNV



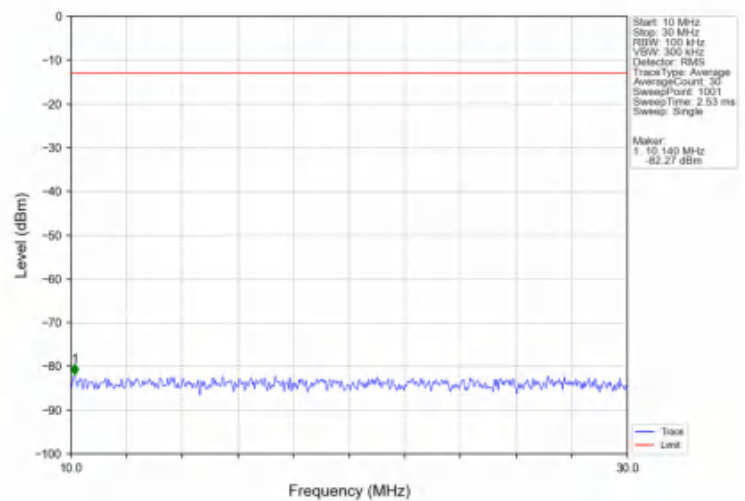
Band12_10MHz_QPSK_LCH_704MHz_RB_1_0_NTNV



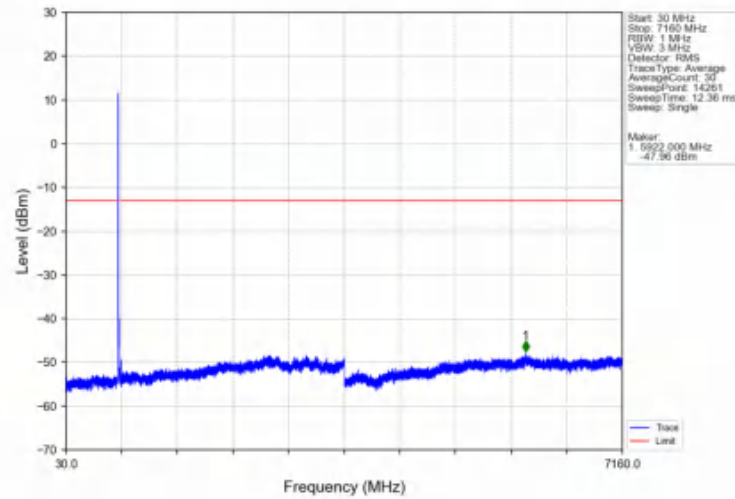
Band12_10MHz_QPSK_LCH_704MHz_RB_1_0_NTNV



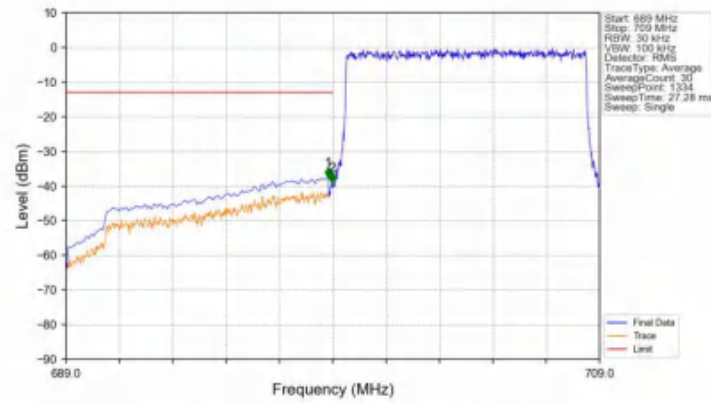
Band12_10MHz_QPSK_LCH_704MHz_RB_1_0_NTNV



Band12_10MHz_QPSK_LCH_704MHz_RB_1_0_NTNV

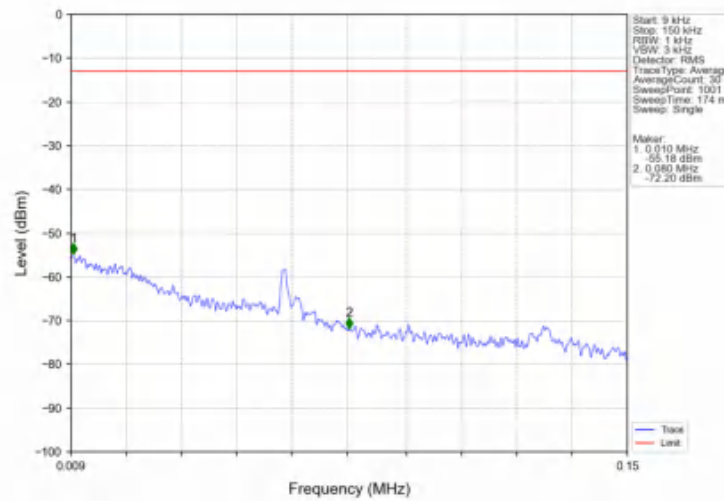


Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV

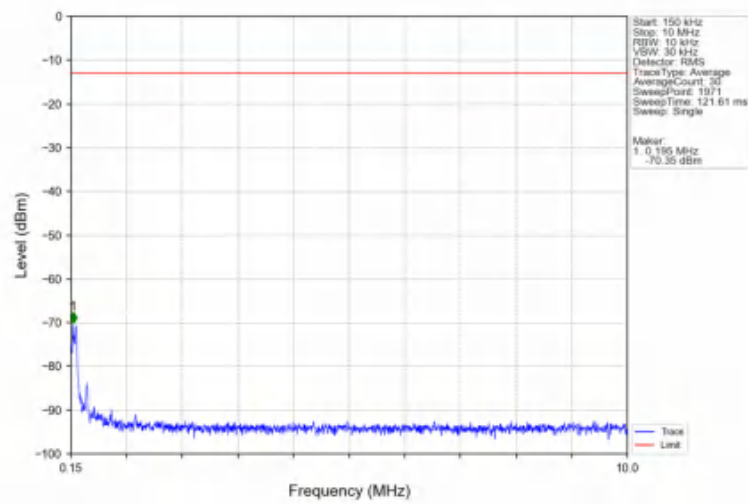


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.827	-37.70	-13	Pass
698.9	699	0.03	/	2	698.977	-39.10	-13	Pass
699	709	0.03	/	/	/	/	/	/

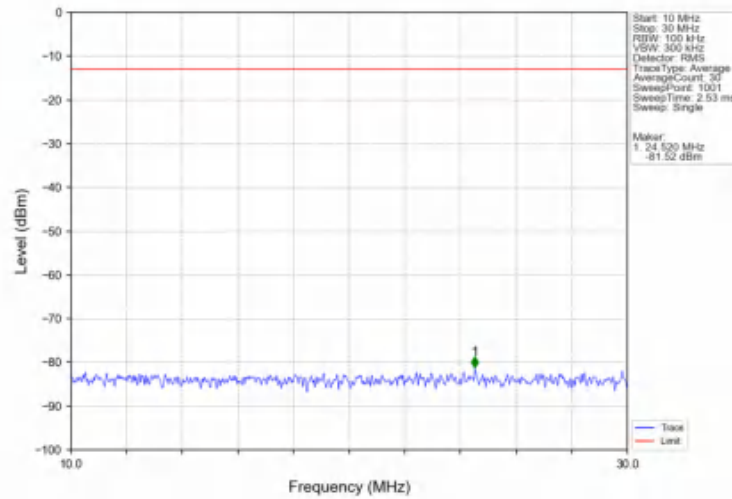
Band12_10MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



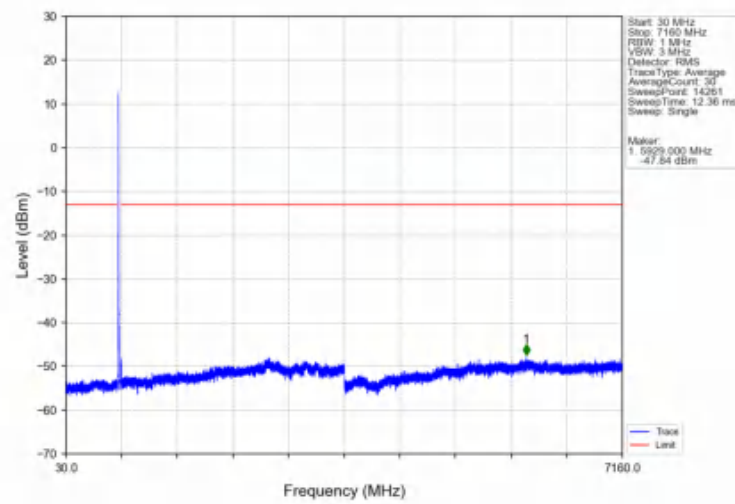
Band12_10MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



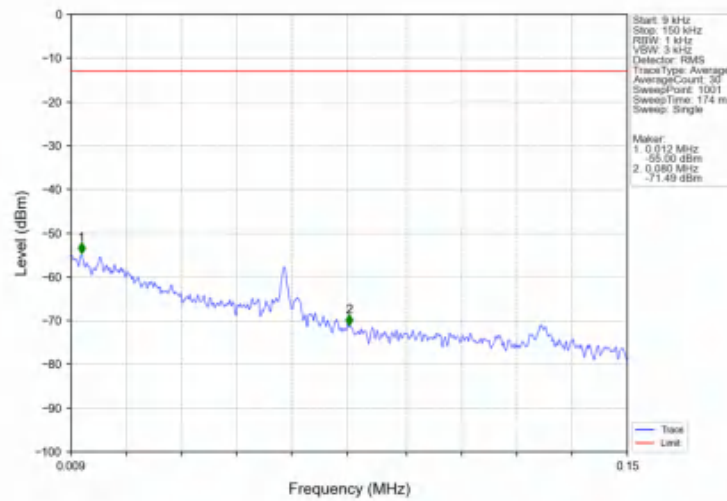
Band12_10MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



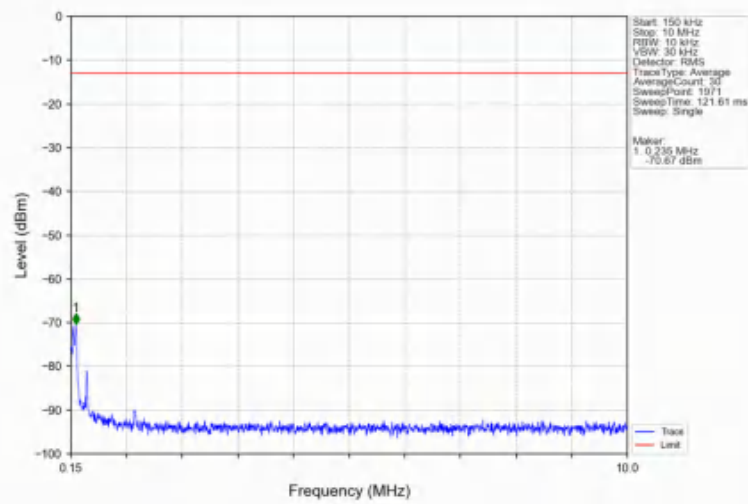
Band12_10MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



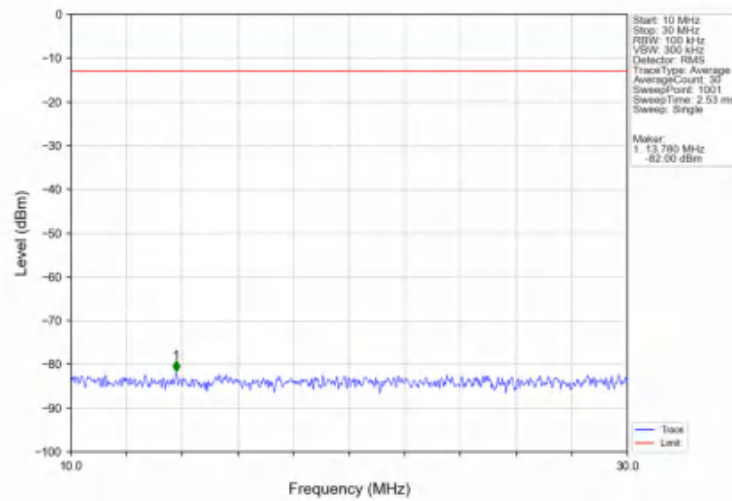
Band12_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



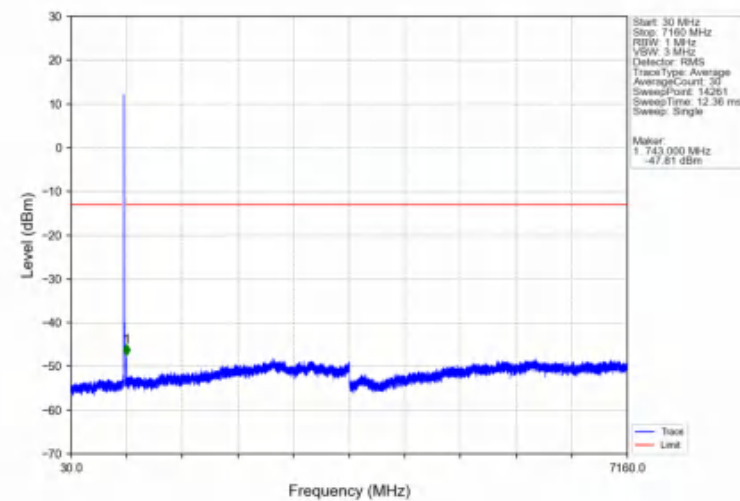
Band12_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



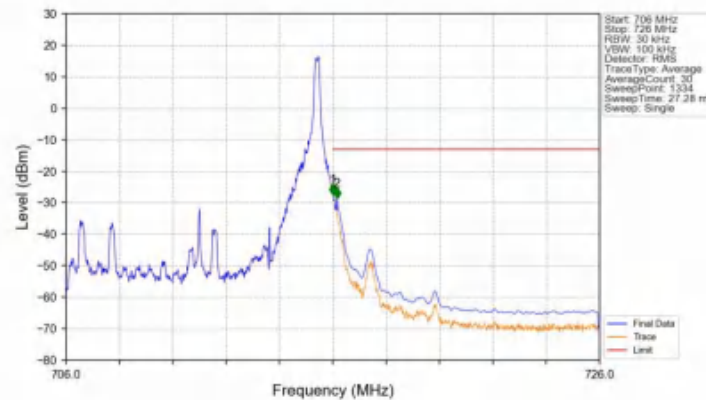
Band12_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



Band12_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV

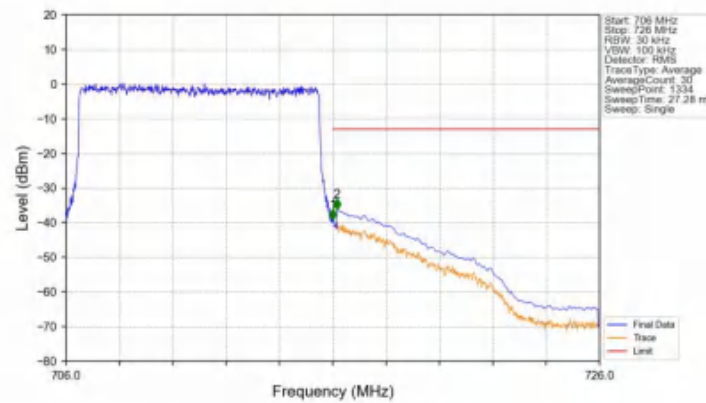


Band12_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV



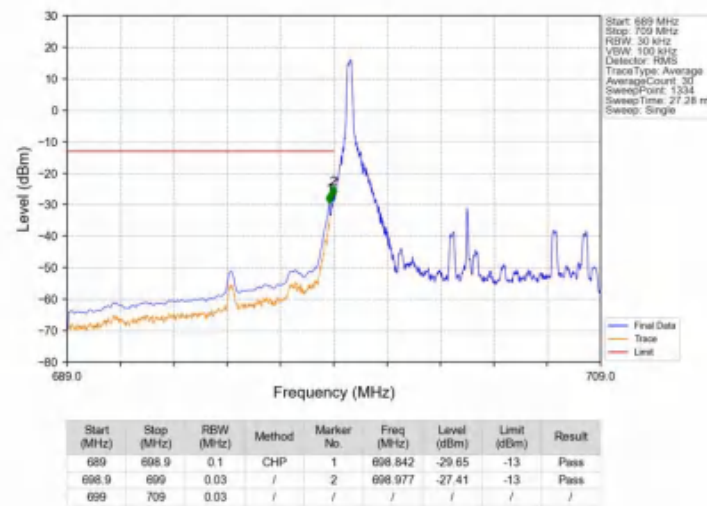
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-27.53	-13	Pass
716.1	726	0.1	CHP	2	716.158	-28.73	-13	Pass

Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV

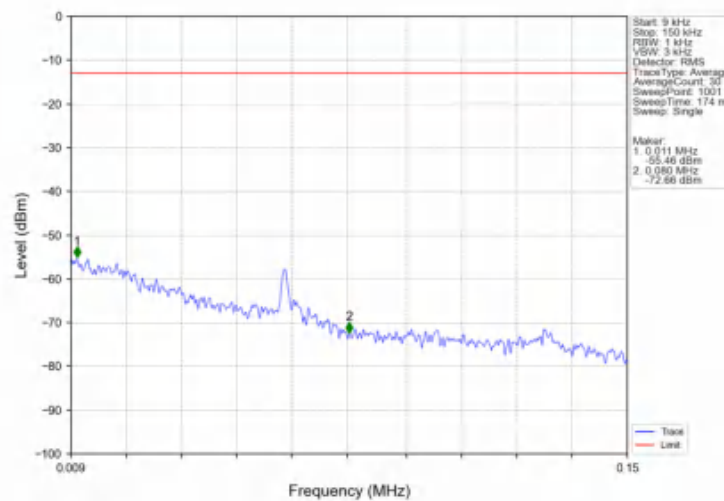


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-39.07	-13	Pass
716.1	726	0.1	CHP	2	716.158	-36.20	-13	Pass

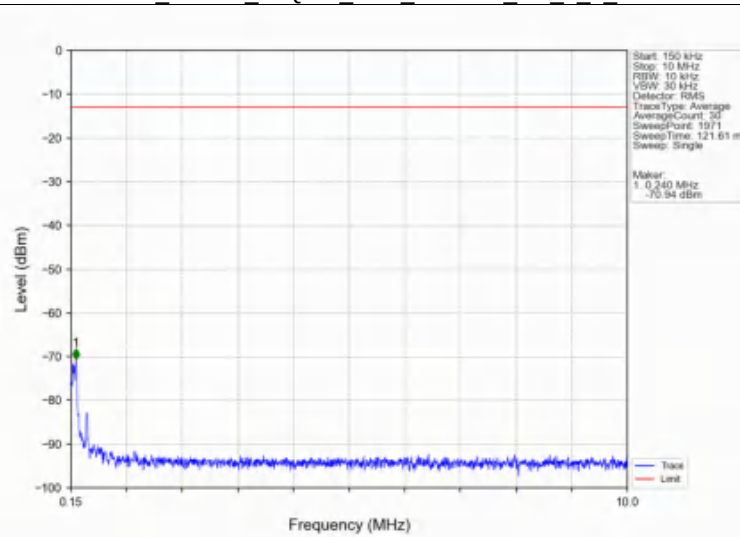
Band12_10MHz_16QAM_LCH_704MHz_RB_1_0_NTNV



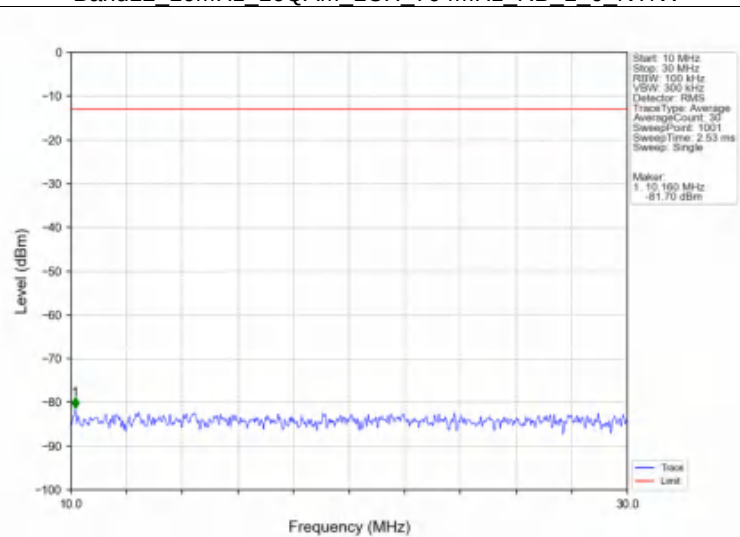
Band12_10MHz_16QAM_LCH_704MHz_RB_1_0_NTNV



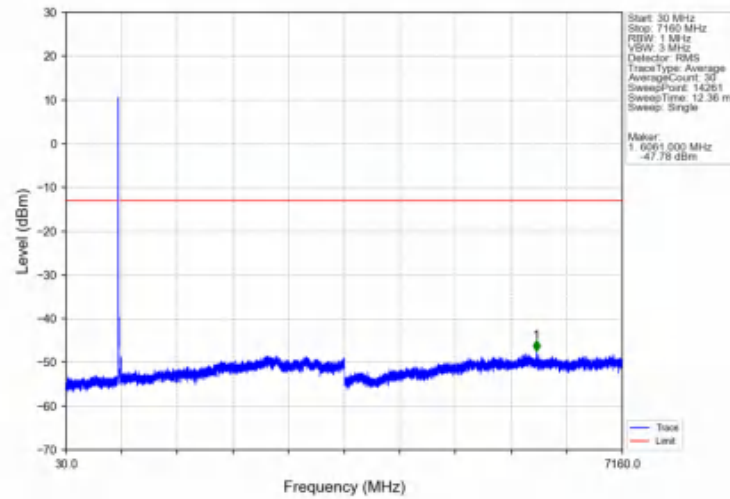
Band12_10MHz_16QAM_LCH_704MHz_RB_1_0_NTNV



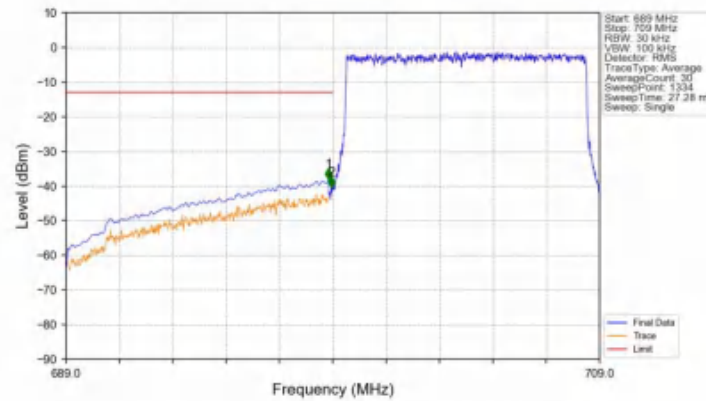
Band12_10MHz_16QAM_LCH_704MHz_RB_1_0_NTNV



Band12_10MHz_16QAM_LCH_704MHz_RB_1_0_NTNV

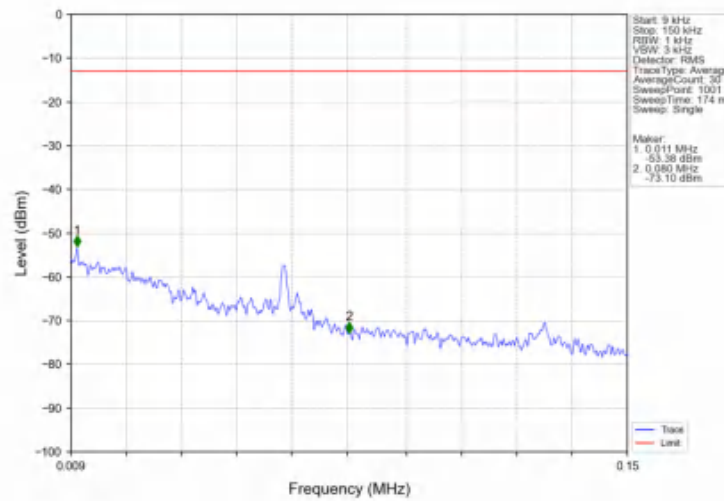


Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV

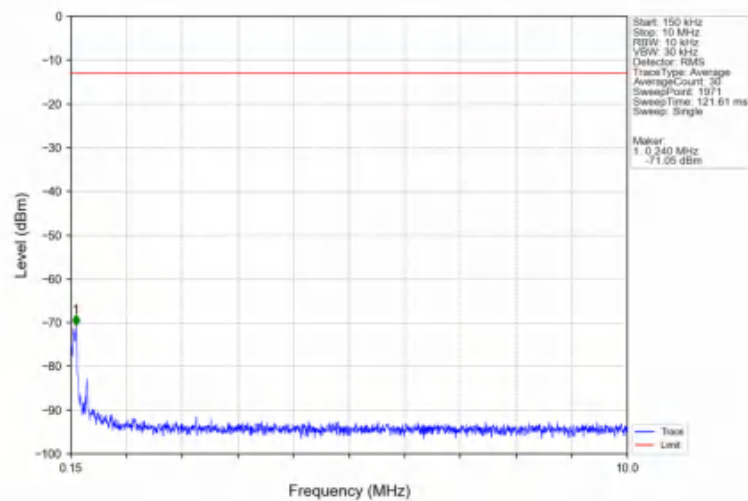


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-38.08	-13	Pass
698.9	699	0.03	/	2	698.947	-40.46	-13	Pass
699	709	0.03	/	/	/	/	/	/

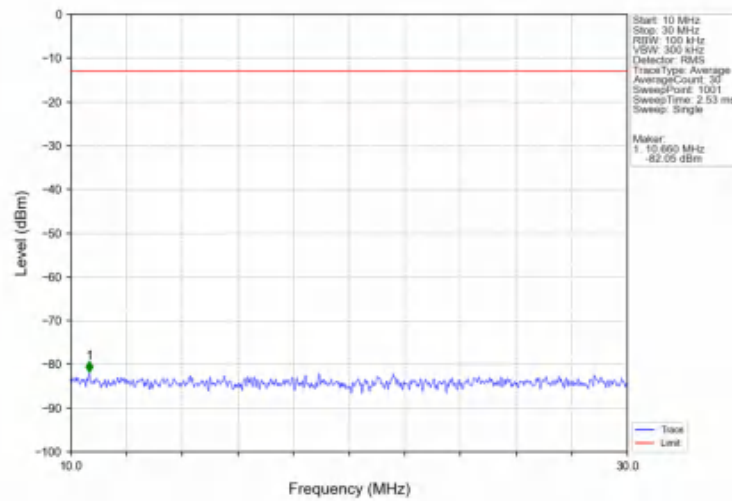
Band12_10MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



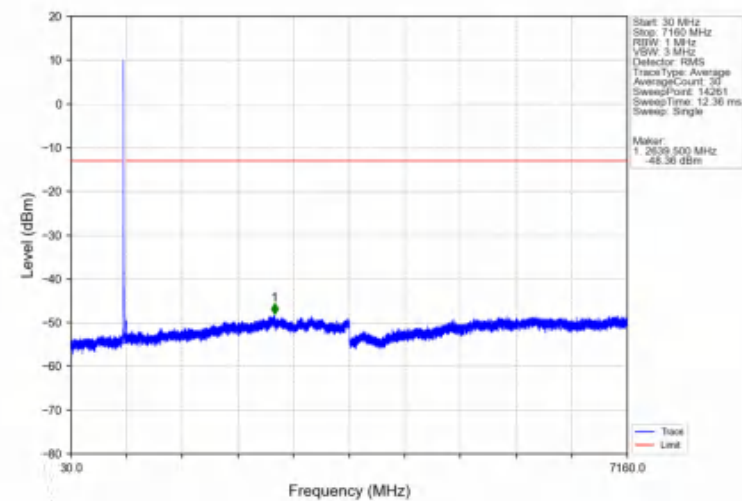
Band12_10MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



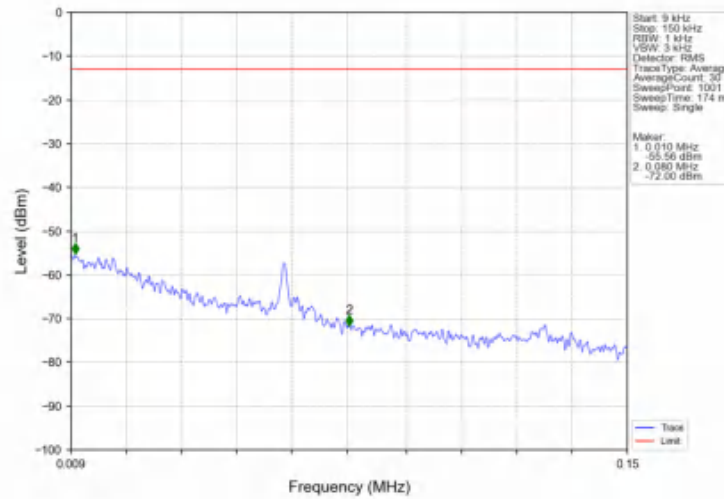
Band12_10MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



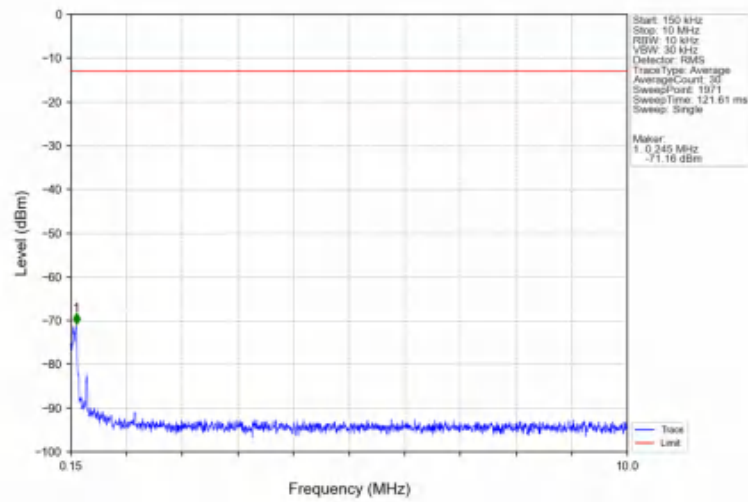
Band12_10MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



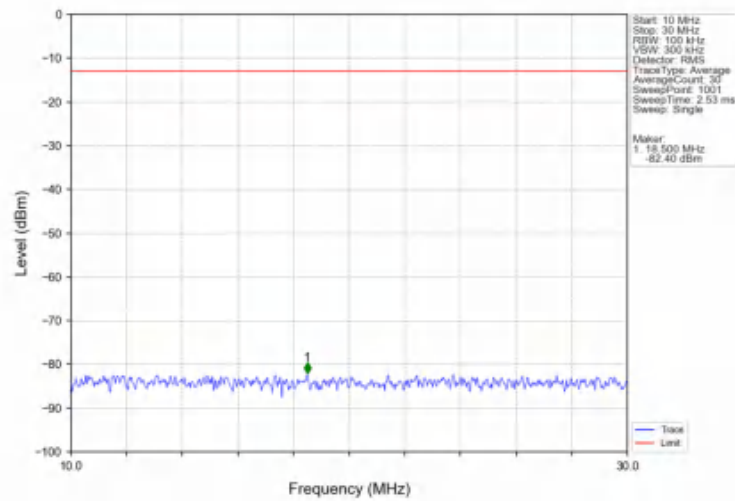
Band12_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV



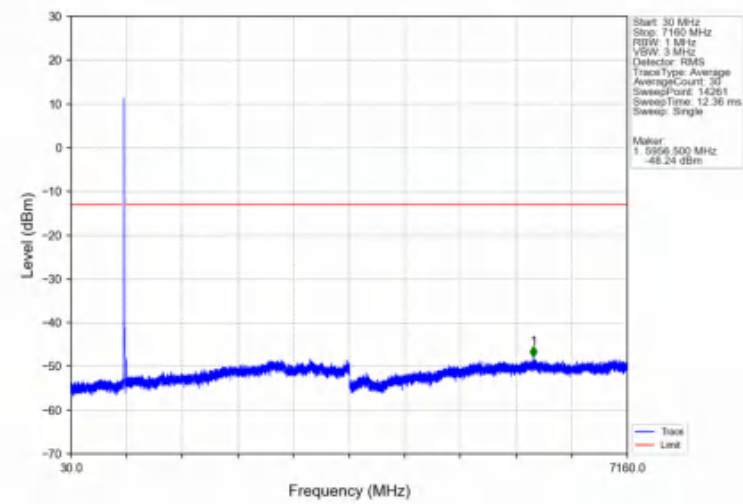
Band12_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV



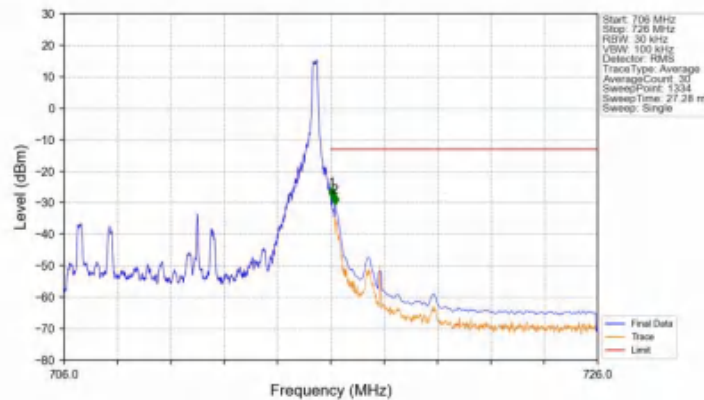
Band12_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV

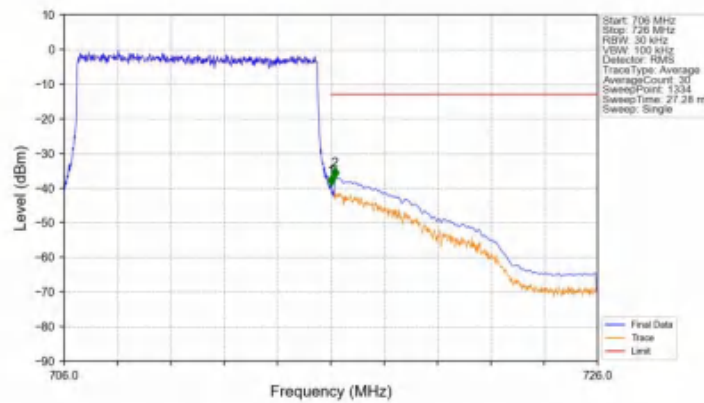


Band12_10MHz_16QAM_HCH_711MHz_RB_1_49_NTNV



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	716.038	-28.52	-13	Pass
716.1	726	0.1	CHP	2	716.158	-30.58	-13	Pass

Band12_10MHz_16QAM_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	716.023	-39.31	-13	Pass
716.1	726	0.1	CHP	2	716.158	-37.20	-13	Pass

***** End of Report *****