

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	23.17	0.90	21.92	<=34.77	Pass
			2	23.29	0.90	22.04	<=34.77	Pass
			5	23.18	0.90	21.93	<=34.77	Pass
		3	0	23.24	0.90	21.99	<=34.77	Pass
			2	23.28	0.90	22.03	<=34.77	Pass
			3	23.23	0.90	21.98	<=34.77	Pass
		6	0	22.29	0.90	21.04	<=34.77	Pass
	707.5	1	0	23.21	0.90	21.96	<=34.77	Pass
			2	23.29	0.90	22.04	<=34.77	Pass
			5	23.18	0.90	21.93	<=34.77	Pass
		3	0	23.30	0.90	22.05	<=34.77	Pass
			2	23.29	0.90	22.04	<=34.77	Pass
			3	23.28	0.90	22.03	<=34.77	Pass
		6	0	22.30	0.90	21.05	<=34.77	Pass
	715.3	1	0	23.16	0.90	21.91	<=34.77	Pass
			2	23.30	0.90	22.05	<=34.77	Pass
			5	23.18	0.90	21.93	<=34.77	Pass
		3	0	23.34	0.90	22.09	<=34.77	Pass
			2	23.34	0.90	22.09	<=34.77	Pass
			3	23.33	0.90	22.08	<=34.77	Pass
		6	0	22.37	0.90	21.12	<=34.77	Pass
16QAM	699.7	1	0	22.27	0.90	21.02	<=34.77	Pass
			2	22.32	0.90	21.07	<=34.77	Pass
			5	22.27	0.90	21.02	<=34.77	Pass
		3	0	22.39	0.90	21.14	<=34.77	Pass
			2	22.44	0.90	21.19	<=34.77	Pass
			3	22.36	0.90	21.11	<=34.77	Pass
		6	0	21.23	0.90	19.98	<=34.77	Pass
	707.5	1	0	22.36	0.90	21.11	<=34.77	Pass
			2	22.54	0.90	21.29	<=34.77	Pass
			5	22.36	0.90	21.11	<=34.77	Pass
		3	0	22.36	0.90	21.11	<=34.77	Pass
			2	22.36	0.90	21.11	<=34.77	Pass
			3	22.30	0.90	21.05	<=34.77	Pass
		6	0	21.33	0.90	20.08	<=34.77	Pass
	715.3	1	0	22.24	0.90	20.99	<=34.77	Pass
			2	22.38	0.90	21.13	<=34.77	Pass
			5	22.28	0.90	21.03	<=34.77	Pass
		3	0	22.50	0.90	21.25	<=34.77	Pass
			2	22.48	0.90	21.23	<=34.77	Pass
			3	22.36	0.90	21.11	<=34.77	Pass
		6	0	21.20	0.90	19.95	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.2 B12_3MHz_ERP

Band: 12 / Bandwidth: 3MHz / NTVN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	700.5	1	0	23.25	0.90	22.00	<=34.77	Pass		
			7	23.37	0.90	22.12	<=34.77	Pass		
			14	23.23	0.90	21.98	<=34.77	Pass		
		8	0	22.23	0.90	20.98	<=34.77	Pass		
			4	22.30	0.90	21.05	<=34.77	Pass		
			7	22.23	0.90	20.98	<=34.77	Pass		
		15	0	22.23	0.90	20.98	<=34.77	Pass		
		707.5	1	0	23.26	0.90	22.01	<=34.77	Pass	
				7	23.36	0.90	22.11	<=34.77	Pass	
	14			23.18	0.90	21.93	<=34.77	Pass		
	8		0	22.25	0.90	21.00	<=34.77	Pass		
			4	22.36	0.90	21.11	<=34.77	Pass		
			7	22.32	0.90	21.07	<=34.77	Pass		
	15	0	22.29	0.90	21.04	<=34.77	Pass			
	714.5	1	0	23.24	0.90	21.99	<=34.77	Pass		
			7	23.39	0.90	22.14	<=34.77	Pass		
			14	23.22	0.90	21.97	<=34.77	Pass		
		8	0	22.35	0.90	21.10	<=34.77	Pass		
			4	22.38	0.90	21.13	<=34.77	Pass		
			7	22.32	0.90	21.07	<=34.77	Pass		
		15	0	22.34	0.90	21.09	<=34.77	Pass		
		16QAM	700.5	1	0	22.32	0.90	21.07	<=34.77	Pass
					7	22.45	0.90	21.20	<=34.77	Pass
	14				22.33	0.90	21.08	<=34.77	Pass	
	8			0	21.32	0.90	20.07	<=34.77	Pass	
				4	21.36	0.90	20.11	<=34.77	Pass	
				7	21.30	0.90	20.05	<=34.77	Pass	
15	0			21.33	0.90	20.08	<=34.77	Pass		
707.5	1			0	22.49	0.90	21.24	<=34.77	Pass	
				7	22.59	0.90	21.34	<=34.77	Pass	
			14	22.44	0.90	21.19	<=34.77	Pass		
	8		0	21.28	0.90	20.03	<=34.77	Pass		
			4	21.33	0.90	20.08	<=34.77	Pass		
			7	21.29	0.90	20.04	<=34.77	Pass		
15	0		21.29	0.90	20.04	<=34.77	Pass			
714.5	1		0	22.80	0.90	21.55	<=34.77	Pass		
			7	22.97	0.90	21.72	<=34.77	Pass		
			14	22.88	0.90	21.63	<=34.77	Pass		
	8		0	21.54	0.90	20.29	<=34.77	Pass		
			4	21.55	0.90	20.30	<=34.77	Pass		
			7	21.48	0.90	20.23	<=34.77	Pass		
	15		0	21.42	0.90	20.17	<=34.77	Pass		
	Note1: ERP=Conducted Power+Antenna Gain-2.15									



Band: 12 / Bandwidth: 5MHz / NTN-V										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	701.5	1	0	23.12	0.90	21.87	<=34.77	Pass		
			13	23.27	0.90	22.02	<=34.77	Pass		
			24	23.18	0.90	21.93	<=34.77	Pass		
		12	0	22.24	0.90	20.99	<=34.77	Pass		
			6	22.33	0.90	21.08	<=34.77	Pass		
			13	22.11	0.90	20.86	<=34.77	Pass		
		25	0	22.20	0.90	20.95	<=34.77	Pass		
		707.5	1	0	23.16	0.90	21.91	<=34.77	Pass	
				13	23.27	0.90	22.02	<=34.77	Pass	
	24			23.15	0.90	21.90	<=34.77	Pass		
	12		0	22.28	0.90	21.03	<=34.77	Pass		
			6	22.33	0.90	21.08	<=34.77	Pass		
			13	22.42	0.90	21.17	<=34.77	Pass		
	25	0	22.37	0.90	21.12	<=34.77	Pass			
	713.5	1	0	23.10	0.90	21.85	<=34.77	Pass		
			13	23.28	0.90	22.03	<=34.77	Pass		
			24	23.18	0.90	21.93	<=34.77	Pass		
		12	0	22.55	0.90	21.30	<=34.77	Pass		
			6	22.42	0.90	21.17	<=34.77	Pass		
			13	22.17	0.90	20.92	<=34.77	Pass		
		25	0	22.34	0.90	21.09	<=34.77	Pass		
		16QAM	701.5	1	0	22.32	0.90	21.07	<=34.77	Pass
					13	22.37	0.90	21.12	<=34.77	Pass
	24				22.36	0.90	21.11	<=34.77	Pass	
12	0			21.19	0.90	19.94	<=34.77	Pass		
	6			21.33	0.90	20.08	<=34.77	Pass		
	13			21.07	0.90	19.82	<=34.77	Pass		
25	0			21.23	0.90	19.98	<=34.77	Pass		
707.5	1		0	22.50	0.90	21.25	<=34.77	Pass		
			13	22.65	0.90	21.40	<=34.77	Pass		
			24	22.46	0.90	21.21	<=34.77	Pass		
	12		0	21.29	0.90	20.04	<=34.77	Pass		
			6	21.36	0.90	20.11	<=34.77	Pass		
			13	21.45	0.90	20.20	<=34.77	Pass		
25	0		21.32	0.90	20.07	<=34.77	Pass			
713.5	1		0	21.99	0.90	20.74	<=34.77	Pass		
		13	22.16	0.90	20.91	<=34.77	Pass			
		24	22.17	0.90	20.92	<=34.77	Pass			
	12	0	21.45	0.90	20.20	<=34.77	Pass			
		6	21.36	0.90	20.11	<=34.77	Pass			
		13	21.13	0.90	19.88	<=34.77	Pass			
	25	0	21.35	0.90	20.10	<=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	23.20	0.90	21.95	<=34.77	Pass
			25	23.40	0.90	22.15	<=34.77	Pass
			49	23.34	0.90	22.09	<=34.77	Pass
		25	0	22.57	0.90	21.32	<=34.77	Pass
			13	22.36	0.90	21.11	<=34.77	Pass
			25	22.41	0.90	21.16	<=34.77	Pass
		50	0	22.51	0.90	21.26	<=34.77	Pass
			0	23.16	0.90	21.91	<=34.77	Pass
			25	23.39	0.90	22.14	<=34.77	Pass
	707.5	1	49	23.21	0.90	21.96	<=34.77	Pass
			0	22.44	0.90	21.19	<=34.77	Pass
			13	22.35	0.90	21.10	<=34.77	Pass
		25	25	22.53	0.90	21.28	<=34.77	Pass
			0	22.54	0.90	21.29	<=34.77	Pass
			0	23.18	0.90	21.93	<=34.77	Pass
		50	25	23.33	0.90	22.08	<=34.77	Pass
			49	23.25	0.90	22.00	<=34.77	Pass
			0	22.04	0.90	20.79	<=34.77	Pass
	711	25	13	22.30	0.90	21.05	<=34.77	Pass
			25	21.94	0.90	20.69	<=34.77	Pass
			0	22.02	0.90	20.77	<=34.77	Pass
16QAM	704	1	0	22.25	0.90	21.00	<=34.77	Pass
			25	22.50	0.90	21.25	<=34.77	Pass
			49	22.35	0.90	21.10	<=34.77	Pass
		25	0	21.67	0.90	20.42	<=34.77	Pass
			13	21.47	0.90	20.22	<=34.77	Pass
			25	21.52	0.90	20.27	<=34.77	Pass
		50	0	21.56	0.90	20.31	<=34.77	Pass
			0	22.41	0.90	21.16	<=34.77	Pass
			25	22.62	0.90	21.37	<=34.77	Pass
	707.5	1	49	22.46	0.90	21.21	<=34.77	Pass
			0	21.47	0.90	20.22	<=34.77	Pass
			13	21.42	0.90	20.17	<=34.77	Pass
		25	25	21.60	0.90	20.35	<=34.77	Pass
			0	21.54	0.90	20.29	<=34.77	Pass
			0	22.81	0.90	21.56	<=34.77	Pass
		50	25	22.94	0.90	21.69	<=34.77	Pass
			49	22.86	0.90	21.61	<=34.77	Pass
			0	21.11	0.90	19.86	<=34.77	Pass
	711	25	13	21.35	0.90	20.10	<=34.77	Pass
			25	21.04	0.90	19.79	<=34.77	Pass
			0	21.06	0.90	19.81	<=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 (VAC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	699.7	6	0	20	102	-8.454	-0.0121	-2.5 to 2.5	Pass
					120	-7.482	-0.0107	-2.5 to 2.5	Pass
					138	-3.448	-0.0049	-2.5 to 2.5	Pass
				-30	120	-7.467	-0.0107	-2.5 to 2.5	Pass
				-20	120	-7.710	-0.0110	-2.5 to 2.5	Pass
				-10	120	-9.012	-0.0129	-2.5 to 2.5	Pass
				0	120	-6.280	-0.0090	-2.5 to 2.5	Pass
				10	120	-6.537	-0.0093	-2.5 to 2.5	Pass
				30	120	-6.080	-0.0087	-2.5 to 2.5	Pass
				40	120	0.587	0.0008	-2.5 to 2.5	Pass
				50	120	-4.663	-0.0067	-2.5 to 2.5	Pass
	707.5	6	0	20	102	-7.324	-0.0104	-2.5 to 2.5	Pass
					120	-4.506	-0.0064	-2.5 to 2.5	Pass
					138	-3.476	-0.0049	-2.5 to 2.5	Pass
				-30	120	-6.166	-0.0087	-2.5 to 2.5	Pass
				-20	120	-7.653	-0.0108	-2.5 to 2.5	Pass
				-10	120	-4.520	-0.0064	-2.5 to 2.5	Pass
				0	120	-6.037	-0.0085	-2.5 to 2.5	Pass
				10	120	-4.134	-0.0058	-2.5 to 2.5	Pass
				30	120	-5.264	-0.0074	-2.5 to 2.5	Pass
				40	120	-5.894	-0.0083	-2.5 to 2.5	Pass
				50	120	0.615	0.0009	-2.5 to 2.5	Pass
	715.3	6	0	20	102	-5.236	-0.0073	-2.5 to 2.5	Pass
					120	-6.709	-0.0094	-2.5 to 2.5	Pass
					138	-3.977	-0.0056	-2.5 to 2.5	Pass
				-30	120	-5.479	-0.0077	-2.5 to 2.5	Pass
				-20	120	-0.901	-0.0013	-2.5 to 2.5	Pass
				-10	120	-5.350	-0.0075	-2.5 to 2.5	Pass
				0	120	-6.595	-0.0092	-2.5 to 2.5	Pass
				10	120	-5.994	-0.0084	-2.5 to 2.5	Pass
				30	120	-2.975	-0.0042	-2.5 to 2.5	Pass
				40	120	-5.422	-0.0076	-2.5 to 2.5	Pass
				50	120	-3.648	-0.0051	-2.5 to 2.5	Pass
16QAM	699.7	6	0	20	102	-7.439	-0.0106	-2.5 to 2.5	Pass
					120	-4.091	-0.0058	-2.5 to 2.5	Pass
					138	-3.948	-0.0056	-2.5 to 2.5	Pass
				-30	120	-5.651	-0.0081	-2.5 to 2.5	Pass
				-20	120	-5.136	-0.0073	-2.5 to 2.5	Pass
				-10	120	-6.652	-0.0095	-2.5 to 2.5	Pass
				0	120	-4.764	-0.0068	-2.5 to 2.5	Pass
				10	120	-7.710	-0.0110	-2.5 to 2.5	Pass
				30	120	-7.739	-0.0111	-2.5 to 2.5	Pass
				40	120	-5.908	-0.0084	-2.5 to 2.5	Pass
				50	120	-5.236	-0.0075	-2.5 to 2.5	Pass
	707.5	6	0	20	102	-6.466	-0.0091	-2.5 to 2.5	Pass
					120	-3.347	-0.0047	-2.5 to 2.5	Pass
					138	-7.997	-0.0113	-2.5 to 2.5	Pass
				-30	120	-4.177	-0.0059	-2.5 to 2.5	Pass
				-20	120	-7.224	-0.0102	-2.5 to 2.5	Pass
				-10	120	-5.450	-0.0077	-2.5 to 2.5	Pass

				0	120	-7.939	-0.0112	-2.5 to 2.5	Pass
				10	120	-5.550	-0.0078	-2.5 to 2.5	Pass
				30	120	-6.895	-0.0097	-2.5 to 2.5	Pass
				40	120	-7.839	-0.0111	-2.5 to 2.5	Pass
				50	120	-5.751	-0.0081	-2.5 to 2.5	Pass
	715.3	6	0	20	102	-7.038	-0.0098	-2.5 to 2.5	Pass
					120	-5.751	-0.0080	-2.5 to 2.5	Pass
					138	-5.579	-0.0078	-2.5 to 2.5	Pass
				-30	120	-6.251	-0.0087	-2.5 to 2.5	Pass
				-20	120	-5.393	-0.0075	-2.5 to 2.5	Pass
				-10	120	-7.796	-0.0109	-2.5 to 2.5	Pass
				0	120	-3.777	-0.0053	-2.5 to 2.5	Pass
				10	120	-6.881	-0.0096	-2.5 to 2.5	Pass
				30	120	-6.981	-0.0098	-2.5 to 2.5	Pass
				40	120	-6.723	-0.0094	-2.5 to 2.5	Pass
				50	120	-7.010	-0.0098	-2.5 to 2.5	Pass

2.1.2 B12_3MHz

Band: 12 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VAC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	700.5	15	0	20	102	-6.437	-0.0092	-2.5 to 2.5	Pass
					120	-5.836	-0.0083	-2.5 to 2.5	Pass
					138	-10.414	-0.0149	-2.5 to 2.5	Pass
				-30	120	-11.001	-0.0157	-2.5 to 2.5	Pass
				-20	120	-8.569	-0.0122	-2.5 to 2.5	Pass
				-10	120	-9.441	-0.0135	-2.5 to 2.5	Pass
				0	120	-9.470	-0.0135	-2.5 to 2.5	Pass
				10	120	-6.495	-0.0093	-2.5 to 2.5	Pass
				30	120	-6.108	-0.0087	-2.5 to 2.5	Pass
				40	120	-4.163	-0.0059	-2.5 to 2.5	Pass
	707.5	15	0	20	102	-4.735	-0.0068	-2.5 to 2.5	Pass
					120	-7.396	-0.0105	-2.5 to 2.5	Pass
					138	-4.363	-0.0062	-2.5 to 2.5	Pass
				-30	120	-0.901	-0.0013	-2.5 to 2.5	Pass
				-20	120	-3.533	-0.0050	-2.5 to 2.5	Pass
				-10	120	-5.307	-0.0075	-2.5 to 2.5	Pass
				-10	120	-5.479	-0.0077	-2.5 to 2.5	Pass
				0	120	-3.362	-0.0048	-2.5 to 2.5	Pass
				10	120	-1.731	-0.0024	-2.5 to 2.5	Pass
				30	120	-3.362	-0.0048	-2.5 to 2.5	Pass
	714.5	15	0	20	102	-5.522	-0.0078	-2.5 to 2.5	Pass
					120	-4.435	-0.0063	-2.5 to 2.5	Pass
					138	-3.991	-0.0056	-2.5 to 2.5	Pass
				-30	120	-3.991	-0.0056	-2.5 to 2.5	Pass
				-20	120	-3.462	-0.0048	-2.5 to 2.5	Pass
				-10	120	-9.112	-0.0128	-2.5 to 2.5	Pass
				-10	120	-3.848	-0.0054	-2.5 to 2.5	Pass
				0	120	-7.381	-0.0103	-2.5 to 2.5	Pass
				10	120	-2.360	-0.0033	-2.5 to 2.5	Pass
				30	120	-7.839	-0.0110	-2.5 to 2.5	Pass
16QAM	700.5	15	0	20	102	-9.871	-0.0138	-2.5 to 2.5	Pass
					120	-3.433	-0.0048	-2.5 to 2.5	Pass
					138	-7.768	-0.0109	-2.5 to 2.5	Pass
					138	-6.022	-0.0084	-2.5 to 2.5	Pass

				-30	120	-9.899	-0.0141	-2.5 to 2.5	Pass
				-20	120	-3.276	-0.0047	-2.5 to 2.5	Pass
				-10	120	-5.336	-0.0076	-2.5 to 2.5	Pass
				0	120	-1.287	-0.0018	-2.5 to 2.5	Pass
				10	120	-5.307	-0.0076	-2.5 to 2.5	Pass
				30	120	-6.809	-0.0097	-2.5 to 2.5	Pass
				40	120	-13.833	-0.0197	-2.5 to 2.5	Pass
				50	120	-8.154	-0.0116	-2.5 to 2.5	Pass
	707.5	15	0	20	102	-6.981	-0.0099	-2.5 to 2.5	Pass
					120	-5.565	-0.0079	-2.5 to 2.5	Pass
					138	-3.991	-0.0056	-2.5 to 2.5	Pass
				-30	120	-5.379	-0.0076	-2.5 to 2.5	Pass
				-20	120	-8.183	-0.0116	-2.5 to 2.5	Pass
				-10	120	-3.662	-0.0052	-2.5 to 2.5	Pass
				0	120	-3.705	-0.0052	-2.5 to 2.5	Pass
				10	120	-5.164	-0.0073	-2.5 to 2.5	Pass
				30	120	-2.089	-0.0030	-2.5 to 2.5	Pass
				40	120	-2.704	-0.0038	-2.5 to 2.5	Pass
				50	120	-2.189	-0.0031	-2.5 to 2.5	Pass
	714.5	15	0	20	102	-5.078	-0.0071	-2.5 to 2.5	Pass
					120	-4.234	-0.0059	-2.5 to 2.5	Pass
					138	-7.153	-0.0100	-2.5 to 2.5	Pass
				-30	120	-6.123	-0.0086	-2.5 to 2.5	Pass
				-20	120	-7.081	-0.0099	-2.5 to 2.5	Pass
				-10	120	-9.770	-0.0137	-2.5 to 2.5	Pass
				0	120	-7.739	-0.0108	-2.5 to 2.5	Pass
				10	120	-10.500	-0.0147	-2.5 to 2.5	Pass
				30	120	-3.161	-0.0044	-2.5 to 2.5	Pass
				40	120	-4.277	-0.0060	-2.5 to 2.5	Pass
				50	120	-6.852	-0.0096	-2.5 to 2.5	Pass

2.1.3 B12_5MHz

Band: 12 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VAC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	701.5	25	0	20	102	-8.254	-0.0118	-2.5 to 2.5	Pass
					120	-3.476	-0.0050	-2.5 to 2.5	Pass
					138	-2.031	-0.0029	-2.5 to 2.5	Pass
				-30	120	-6.752	-0.0096	-2.5 to 2.5	Pass
				-20	120	-6.294	-0.0090	-2.5 to 2.5	Pass
				-10	120	-3.748	-0.0053	-2.5 to 2.5	Pass
				0	120	-8.125	-0.0116	-2.5 to 2.5	Pass
				10	120	-8.225	-0.0117	-2.5 to 2.5	Pass
				30	120	-11.702	-0.0167	-2.5 to 2.5	Pass
				40	120	-7.496	-0.0107	-2.5 to 2.5	Pass
				50	120	-4.520	-0.0064	-2.5 to 2.5	Pass
	707.5	25	0	20	102	-6.638	-0.0094	-2.5 to 2.5	Pass
					120	-3.848	-0.0054	-2.5 to 2.5	Pass
					138	-2.360	-0.0033	-2.5 to 2.5	Pass
				-30	120	-5.593	-0.0079	-2.5 to 2.5	Pass
				-20	120	-6.223	-0.0088	-2.5 to 2.5	Pass
				-10	120	-5.865	-0.0083	-2.5 to 2.5	Pass
				0	120	-5.064	-0.0072	-2.5 to 2.5	Pass
				10	120	-5.364	-0.0076	-2.5 to 2.5	Pass
				30	120	-7.653	-0.0108	-2.5 to 2.5	Pass
				40	120	-3.934	-0.0056	-2.5 to 2.5	Pass
				50	120	-4.950	-0.0070	-2.5 to 2.5	Pass

	713.5	25	0	20	102	-4.792	-0.0067	-2.5 to 2.5	Pass
					120	-7.710	-0.0108	-2.5 to 2.5	Pass
					138	-3.648	-0.0051	-2.5 to 2.5	Pass
				-30	120	-6.781	-0.0095	-2.5 to 2.5	Pass
				-20	120	-1.016	-0.0014	-2.5 to 2.5	Pass
				-10	120	-7.310	-0.0102	-2.5 to 2.5	Pass
				0	120	-1.945	-0.0027	-2.5 to 2.5	Pass
				10	120	-6.552	-0.0092	-2.5 to 2.5	Pass
				30	120	-10.343	-0.0145	-2.5 to 2.5	Pass
				40	120	-6.909	-0.0097	-2.5 to 2.5	Pass
				50	120	-7.138	-0.0100	-2.5 to 2.5	Pass
16QAM	701.5	25	0	20	102	-4.992	-0.0071	-2.5 to 2.5	Pass
					120	-4.449	-0.0063	-2.5 to 2.5	Pass
					138	-8.011	-0.0114	-2.5 to 2.5	Pass
				-30	120	-6.809	-0.0097	-2.5 to 2.5	Pass
				-20	120	-9.198	-0.0131	-2.5 to 2.5	Pass
				-10	120	-8.669	-0.0124	-2.5 to 2.5	Pass
				0	120	-6.409	-0.0091	-2.5 to 2.5	Pass
				10	120	-8.855	-0.0126	-2.5 to 2.5	Pass
				30	120	-8.154	-0.0116	-2.5 to 2.5	Pass
				40	120	-7.267	-0.0104	-2.5 to 2.5	Pass
				50	120	-10.614	-0.0151	-2.5 to 2.5	Pass
	707.5	25	0	20	102	-8.569	-0.0121	-2.5 to 2.5	Pass
					120	-5.937	-0.0084	-2.5 to 2.5	Pass
					138	-4.578	-0.0065	-2.5 to 2.5	Pass
				-30	120	-5.121	-0.0072	-2.5 to 2.5	Pass
				-20	120	-4.549	-0.0064	-2.5 to 2.5	Pass
				-10	120	-2.003	-0.0028	-2.5 to 2.5	Pass
				0	120	-8.955	-0.0127	-2.5 to 2.5	Pass
				10	120	-6.280	-0.0089	-2.5 to 2.5	Pass
				30	120	-2.403	-0.0034	-2.5 to 2.5	Pass
				40	120	-6.895	-0.0097	-2.5 to 2.5	Pass
				50	120	-6.223	-0.0088	-2.5 to 2.5	Pass
	713.5	25	0	20	102	-7.381	-0.0103	-2.5 to 2.5	Pass
					120	-6.895	-0.0097	-2.5 to 2.5	Pass
					138	-8.769	-0.0123	-2.5 to 2.5	Pass
				-30	120	-11.888	-0.0167	-2.5 to 2.5	Pass
				-20	120	-9.270	-0.0130	-2.5 to 2.5	Pass
				-10	120	-4.120	-0.0058	-2.5 to 2.5	Pass
				0	120	-6.237	-0.0087	-2.5 to 2.5	Pass
				10	120	-7.167	-0.0100	-2.5 to 2.5	Pass
				30	120	-6.552	-0.0092	-2.5 to 2.5	Pass
				40	120	-4.978	-0.0070	-2.5 to 2.5	Pass
				50	120	-9.141	-0.0128	-2.5 to 2.5	Pass

2.1.4 B12_10MHz

Band: 12 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VAC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	704	50	0	20	102	-3.734	-0.0053	-2.5 to 2.5	Pass
					120	-6.194	-0.0088	-2.5 to 2.5	Pass
					138	-6.394	-0.0091	-2.5 to 2.5	Pass
				-30	120	-8.626	-0.0123	-2.5 to 2.5	Pass
				-20	120	-6.151	-0.0087	-2.5 to 2.5	Pass
				-10	120	-5.307	-0.0075	-2.5 to 2.5	Pass
				0	120	-5.093	-0.0072	-2.5 to 2.5	Pass
				10	120	-7.825	-0.0111	-2.5 to 2.5	Pass

				30	120	-7.467	-0.0106	-2.5 to 2.5	Pass
				40	120	-5.622	-0.0080	-2.5 to 2.5	Pass
				50	120	-3.619	-0.0051	-2.5 to 2.5	Pass
	707.5	50	0	20	102	-5.350	-0.0076	-2.5 to 2.5	Pass
					120	-5.178	-0.0073	-2.5 to 2.5	Pass
					138	-4.849	-0.0069	-2.5 to 2.5	Pass
				-30	120	-4.692	-0.0066	-2.5 to 2.5	Pass
				-20	120	-6.838	-0.0097	-2.5 to 2.5	Pass
				-10	120	-7.124	-0.0101	-2.5 to 2.5	Pass
				0	120	-5.150	-0.0073	-2.5 to 2.5	Pass
				10	120	-8.011	-0.0113	-2.5 to 2.5	Pass
				30	120	-3.777	-0.0053	-2.5 to 2.5	Pass
				40	120	-6.738	-0.0095	-2.5 to 2.5	Pass
				50	120	-3.762	-0.0053	-2.5 to 2.5	Pass
	711	50	0	20	102	-8.698	-0.0122	-2.5 to 2.5	Pass
					120	-6.266	-0.0088	-2.5 to 2.5	Pass
					138	-7.582	-0.0107	-2.5 to 2.5	Pass
				-30	120	-5.150	-0.0072	-2.5 to 2.5	Pass
				-20	120	-7.968	-0.0112	-2.5 to 2.5	Pass
				-10	120	-9.170	-0.0129	-2.5 to 2.5	Pass
				0	120	-4.749	-0.0067	-2.5 to 2.5	Pass
				10	120	-6.967	-0.0098	-2.5 to 2.5	Pass
				30	120	-4.864	-0.0068	-2.5 to 2.5	Pass
				40	120	-3.448	-0.0048	-2.5 to 2.5	Pass
				50	120	-2.561	-0.0036	-2.5 to 2.5	Pass
16QAM	704	50	0	20	102	-4.063	-0.0058	-2.5 to 2.5	Pass
					120	-5.393	-0.0077	-2.5 to 2.5	Pass
					138	-6.008	-0.0085	-2.5 to 2.5	Pass
				-30	120	-7.868	-0.0112	-2.5 to 2.5	Pass
				-20	120	-0.544	-0.0008	-2.5 to 2.5	Pass
				-10	120	-2.789	-0.0040	-2.5 to 2.5	Pass
				0	120	-5.364	-0.0076	-2.5 to 2.5	Pass
				10	120	-6.337	-0.0090	-2.5 to 2.5	Pass
				30	120	-8.540	-0.0121	-2.5 to 2.5	Pass
				40	120	-6.037	-0.0086	-2.5 to 2.5	Pass
				50	120	-6.223	-0.0088	-2.5 to 2.5	Pass
	707.5	50	0	20	102	-5.207	-0.0074	-2.5 to 2.5	Pass
					120	-6.266	-0.0089	-2.5 to 2.5	Pass
					138	-8.583	-0.0121	-2.5 to 2.5	Pass
				-30	120	-6.123	-0.0087	-2.5 to 2.5	Pass
				-20	120	-4.377	-0.0062	-2.5 to 2.5	Pass
				-10	120	-8.268	-0.0117	-2.5 to 2.5	Pass
				0	120	-8.297	-0.0117	-2.5 to 2.5	Pass
				10	120	-5.293	-0.0075	-2.5 to 2.5	Pass
				30	120	-6.652	-0.0094	-2.5 to 2.5	Pass
				40	120	-7.982	-0.0113	-2.5 to 2.5	Pass
				50	120	-7.167	-0.0101	-2.5 to 2.5	Pass
	711	50	0	20	102	-3.204	-0.0045	-2.5 to 2.5	Pass
					120	-6.223	-0.0088	-2.5 to 2.5	Pass
					138	-6.809	-0.0096	-2.5 to 2.5	Pass
				-30	120	-3.490	-0.0049	-2.5 to 2.5	Pass
				-20	120	-2.418	-0.0034	-2.5 to 2.5	Pass
				-10	120	-3.233	-0.0045	-2.5 to 2.5	Pass
				0	120	-4.249	-0.0060	-2.5 to 2.5	Pass
				10	120	-5.136	-0.0072	-2.5 to 2.5	Pass
				30	120	-3.748	-0.0053	-2.5 to 2.5	Pass
				40	120	-6.266	-0.0088	-2.5 to 2.5	Pass
				50	120	-3.619	-0.0051	-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

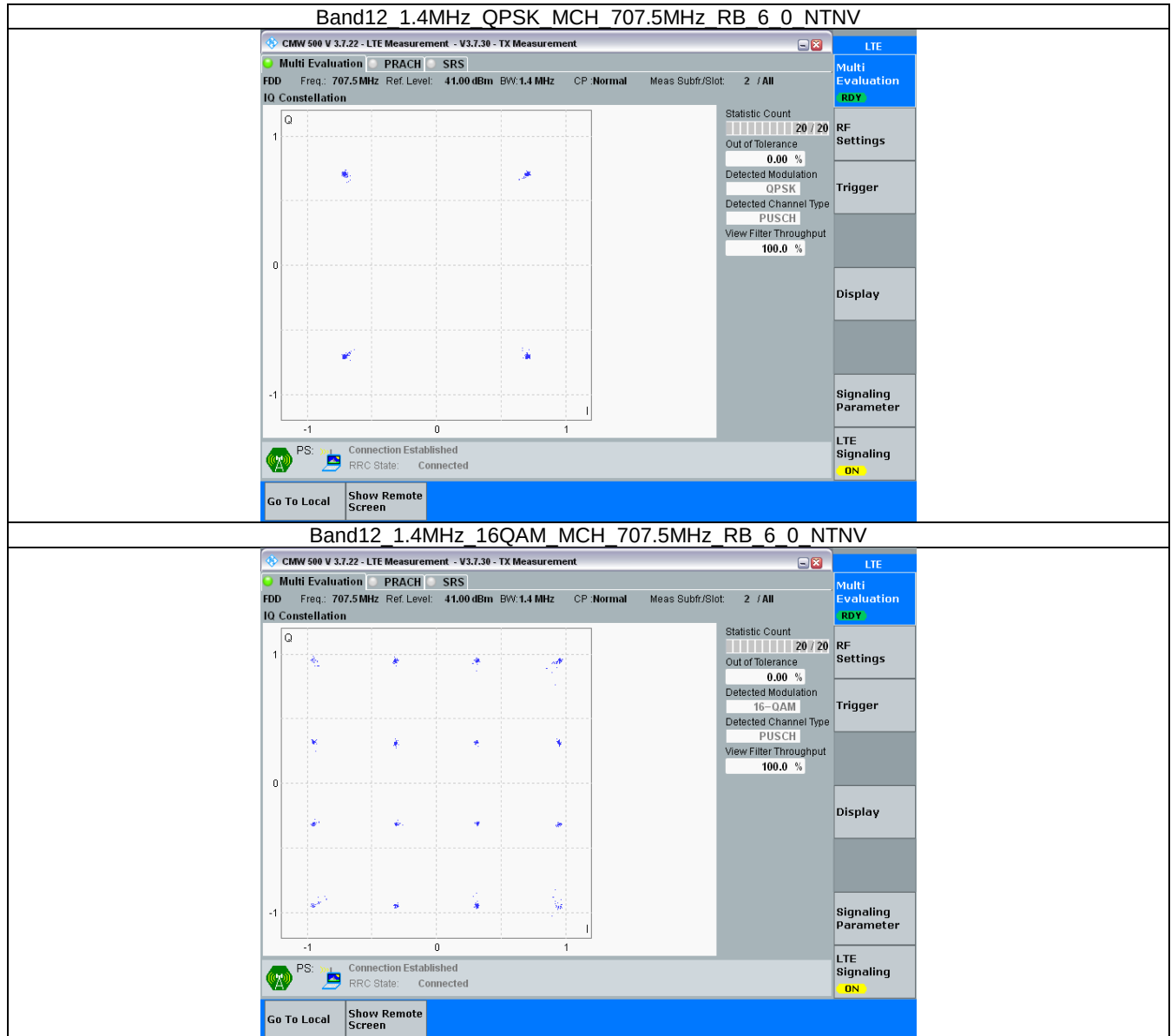
Band: 12 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	707.5	25	0	Refer To Test Graph		Pass
16QAM	707.5	25	0	Refer To Test Graph		Pass

3.1.4 B12_10MHz

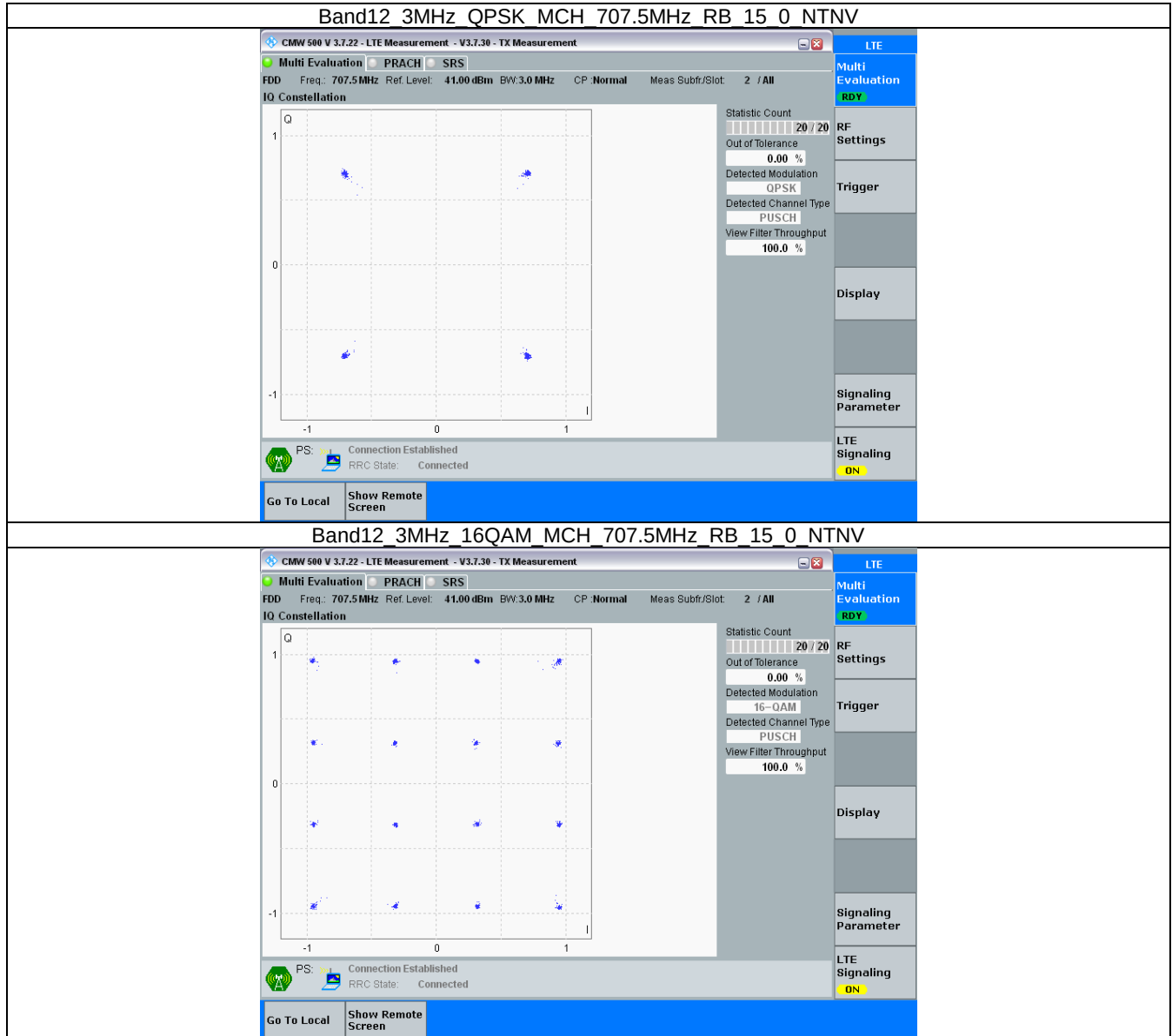
Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	707.5	50	0	Refer To Test Graph		Pass
16QAM	707.5	50	0	Refer To Test Graph		Pass

3.2 Test Graph

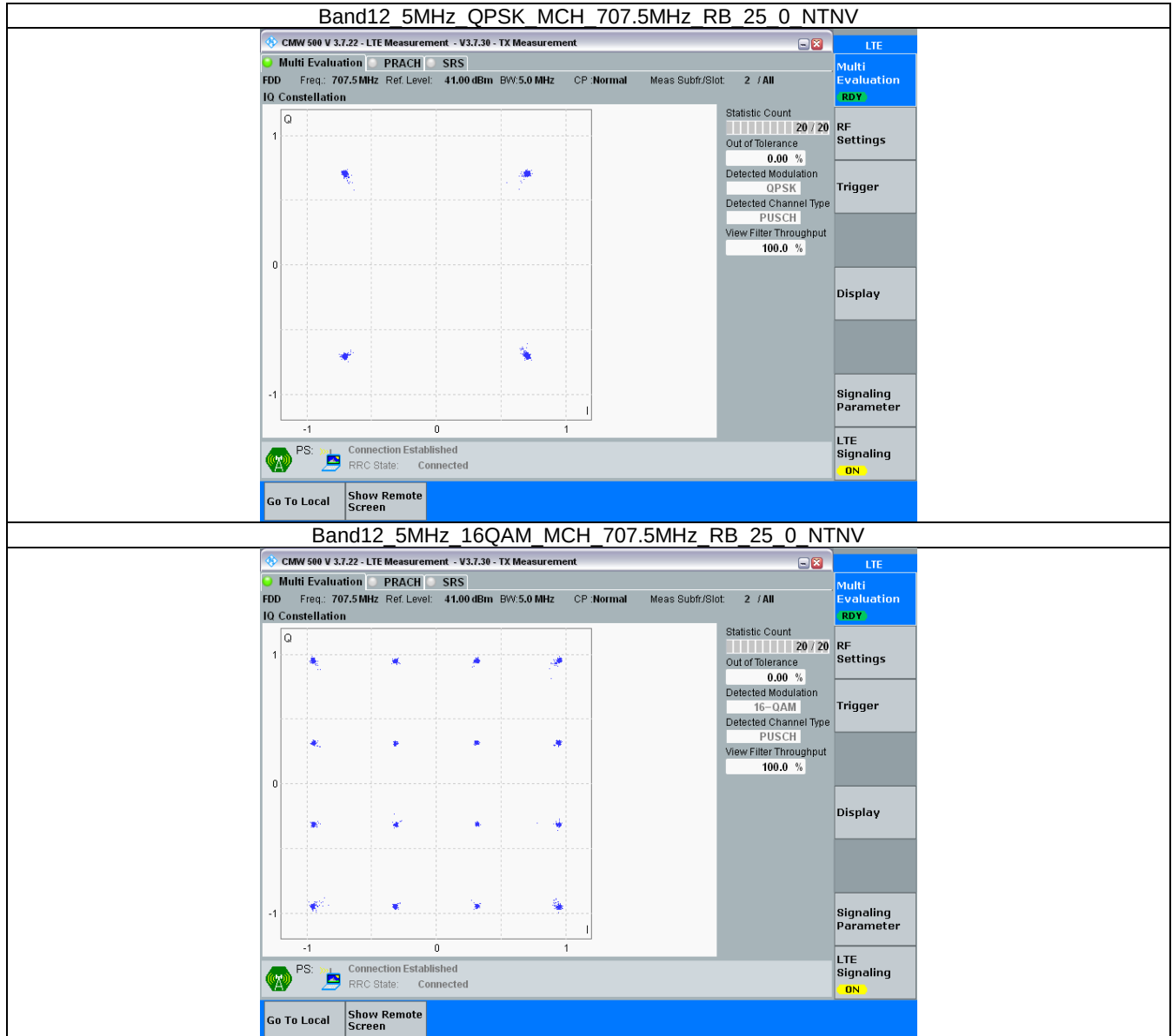
3.2.1 B12_1.4MHz



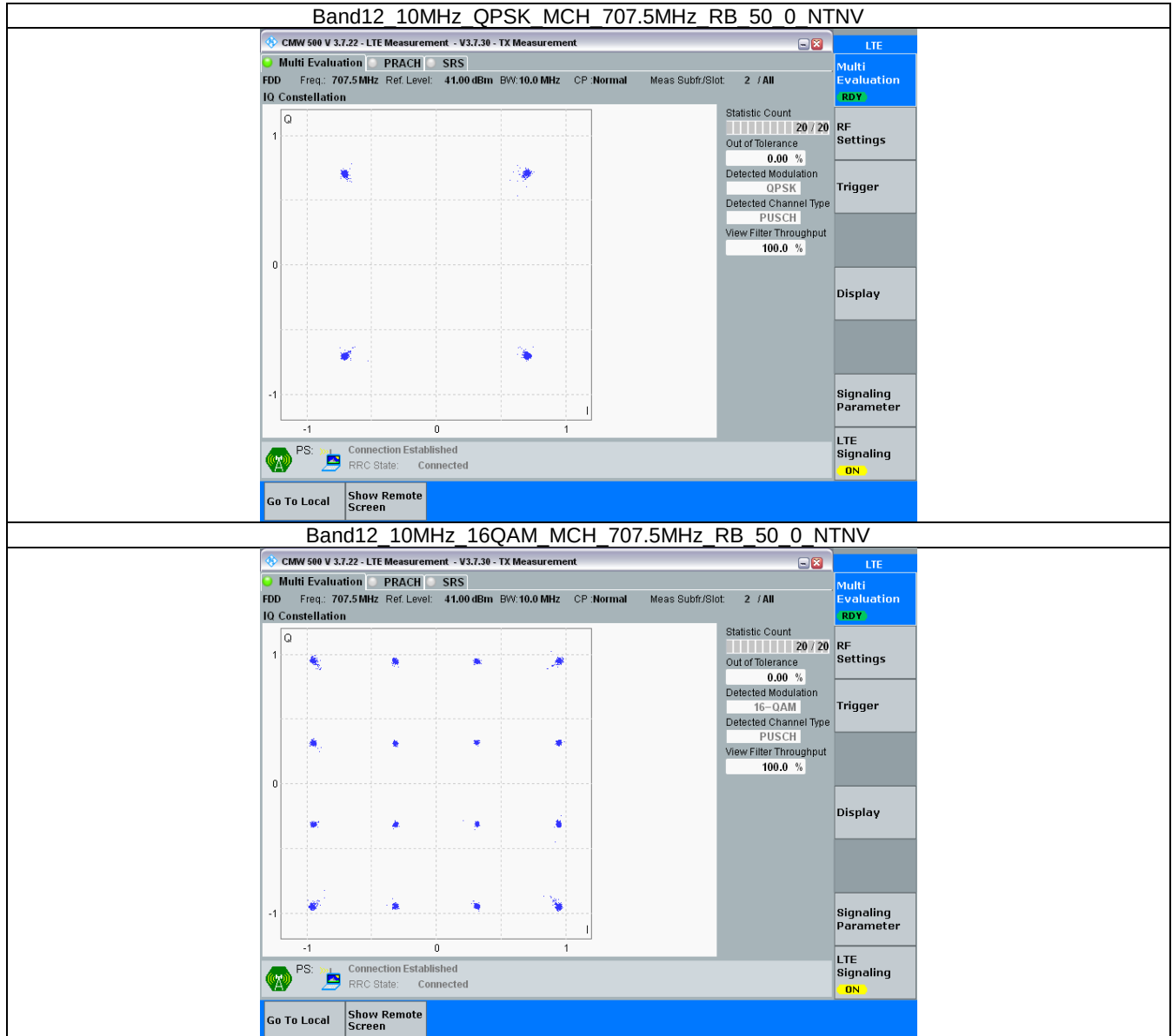
3.2.2 B12_3MHz



3.2.3 B12_5MHz



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	1.111	/	Pass
		707.5	6	0	1.113	/	Pass
		715.3	6	0	1.120	/	Pass
	16QAM	699.7	6	0	1.105	/	Pass
		707.5	6	0	1.115	/	Pass
		715.3	6	0	1.109	/	Pass
3	QPSK	700.5	15	0	2.733	/	Pass
		707.5	15	0	2.724	/	Pass
		714.5	15	0	2.729	/	Pass
	16QAM	700.5	15	0	2.723	/	Pass
		707.5	15	0	2.728	/	Pass
		714.5	15	0	2.725	/	Pass
5	QPSK	701.5	25	0	4.554	/	Pass
		707.5	25	0	4.551	/	Pass
		713.5	25	0	4.562	/	Pass
	16QAM	701.5	25	0	4.545	/	Pass
		707.5	25	0	4.571	/	Pass
		713.5	25	0	4.529	/	Pass
10	QPSK	704	50	0	9.012	/	Pass
		707.5	50	0	9.018	/	Pass
		711	50	0	9.055	/	Pass
	16QAM	704	50	0	9.002	/	Pass
		707.5	50	0	9.022	/	Pass
		711	50	0	9.078	/	Pass

4.1.2 Band12_XDB

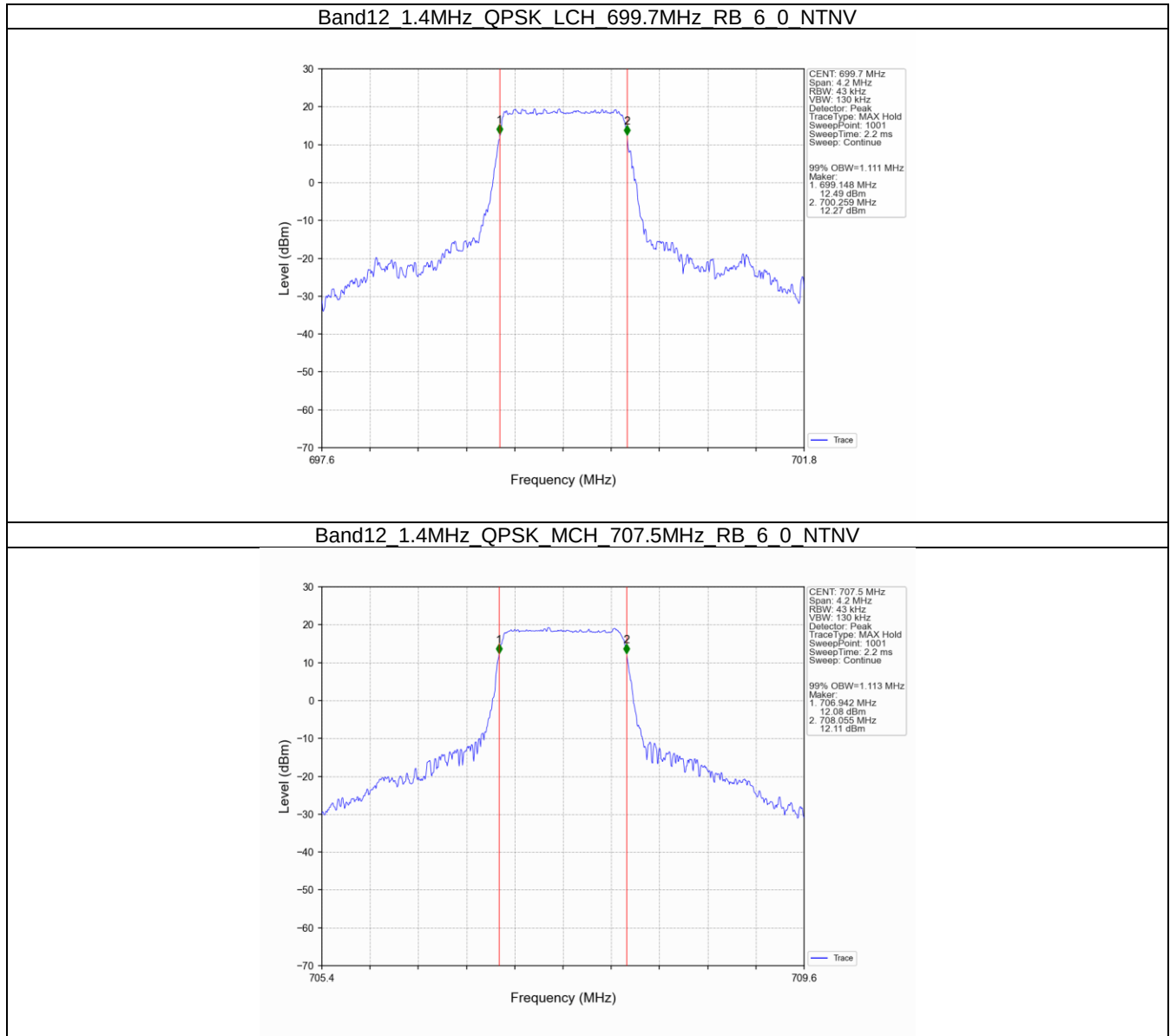
Band: 12 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	699.7	6	0	1.316	/	Pass
		707.5	6	0	1.320	/	Pass
		715.3	6	0	1.309	/	Pass
	16QAM	699.7	6	0	1.315	/	Pass
		707.5	6	0	1.344	/	Pass
		715.3	6	0	1.342	/	Pass
3	QPSK	700.5	15	0	3.027	/	Pass
		707.5	15	0	3.007	/	Pass
		714.5	15	0	3.023	/	Pass
	16QAM	700.5	15	0	3.012	/	Pass
		707.5	15	0	2.999	/	Pass
		714.5	15	0	3.002	/	Pass
5	QPSK	701.5	25	0	5.050	/	Pass
		707.5	25	0	5.085	/	Pass
		713.5	25	0	5.084	/	Pass
	16QAM	701.5	25	0	5.065	/	Pass
		707.5	25	0	5.015	/	Pass
		713.5	25	0	5.027	/	Pass
10	QPSK	704	50	0	9.917	/	Pass



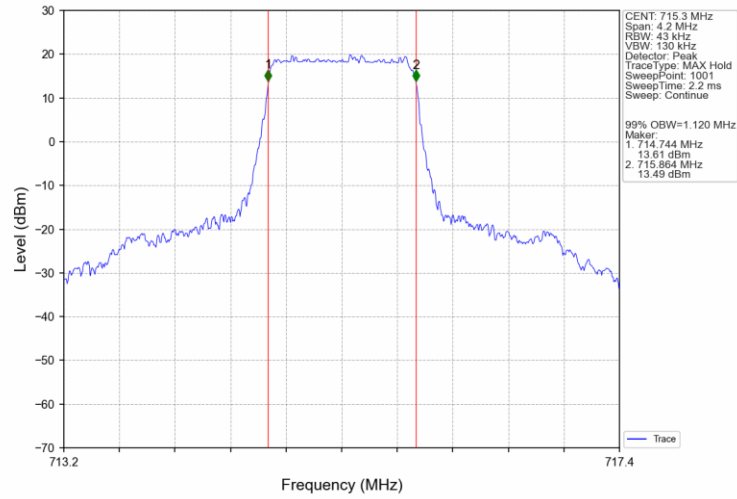
		707.5	50	0	9.891	/	Pass
		711	50	0	9.938	/	Pass
	16QAM	704	50	0	9.895	/	Pass
		707.5	50	0	9.863	/	Pass
		711	50	0	9.953	/	Pass

4.2 Test Graph

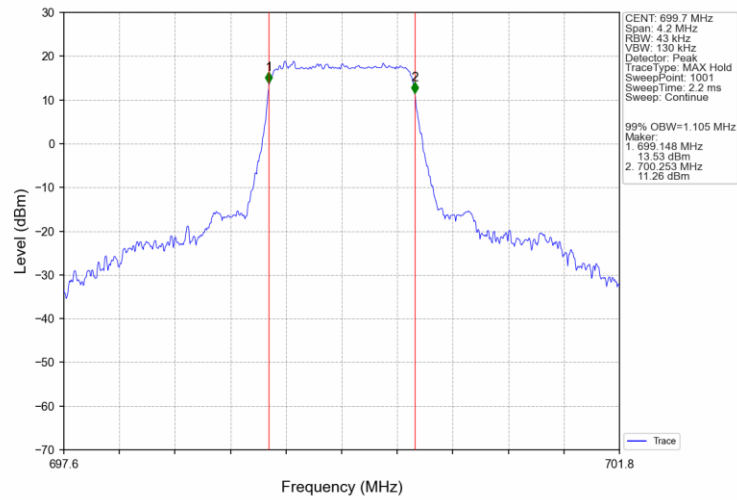
4.2.1 Band12_OBW



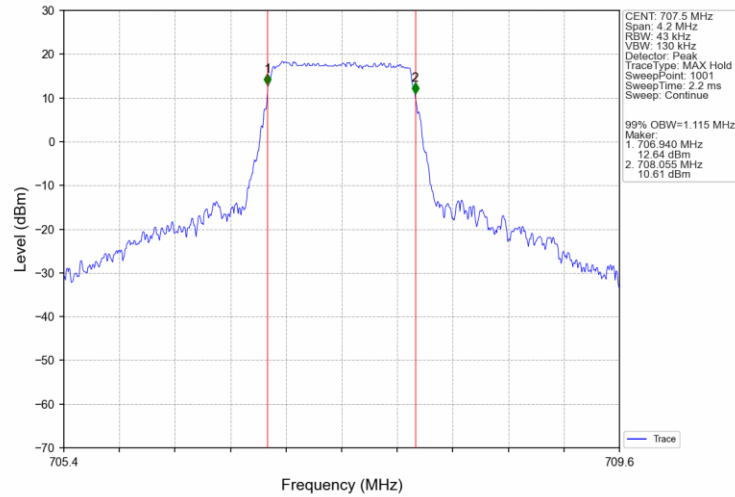
Band12 1.4MHz QPSK HCH 715.3MHz RB 6 0 NTV



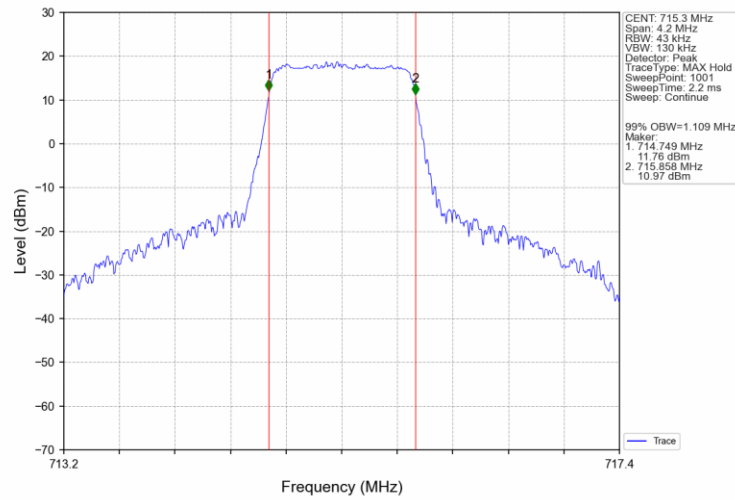
Band12 1.4MHz 16QAM LCH 699.7MHz RB 6 0 NTV



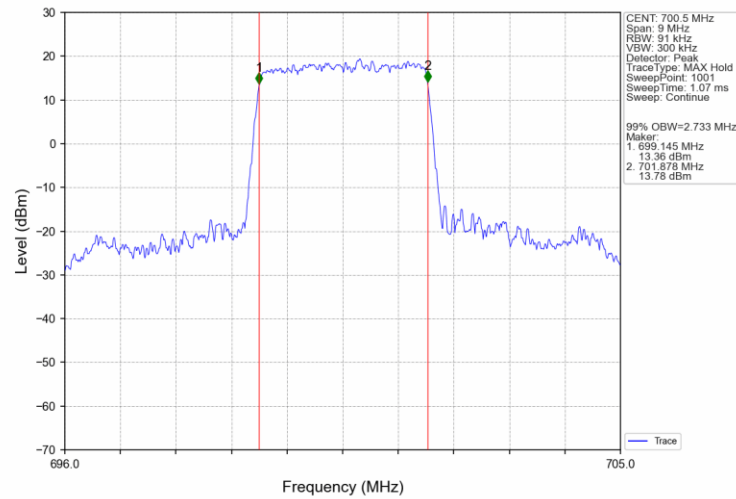
Band12 1.4MHz 16QAM MCH 707.5MHz RB 6 0 NTNV



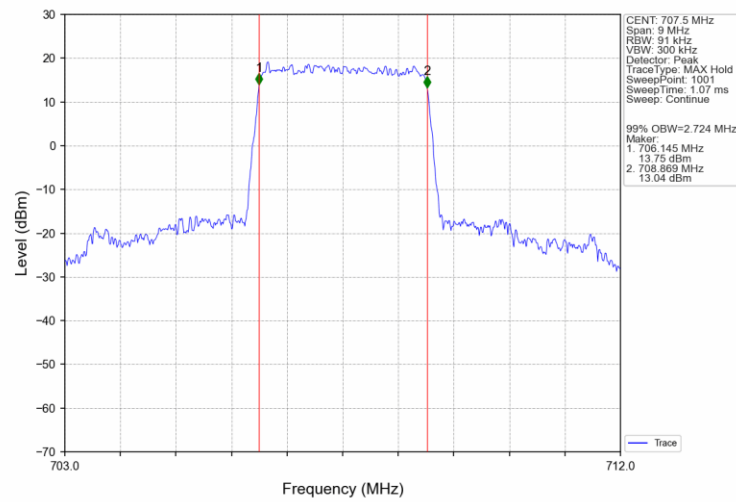
Band12 1.4MHz 16QAM HCH 715.3MHz RB 6 0 NTNV



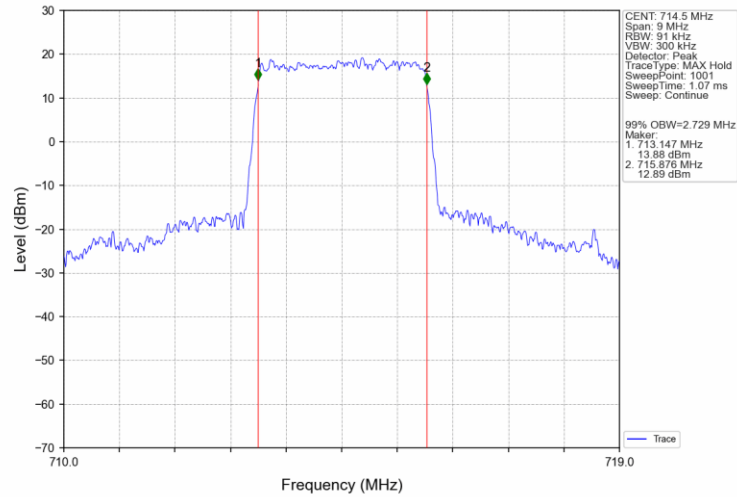
Band12 3MHz QPSK LCH 700.5MHz RB 15 0 NTV



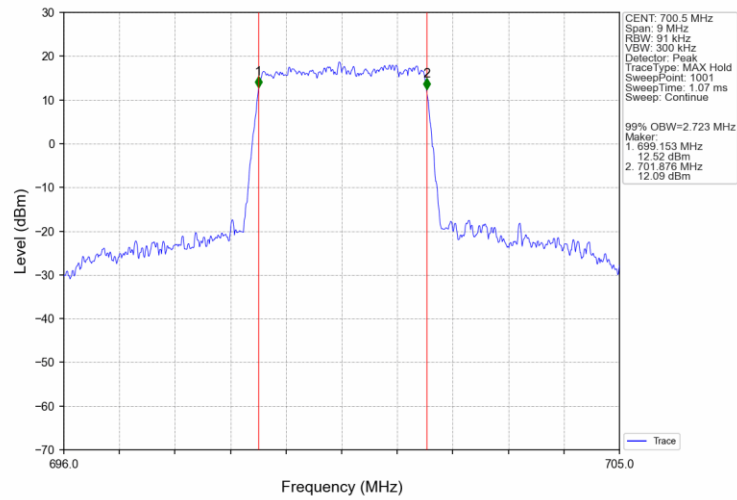
Band12 3MHz QPSK MCH 707.5MHz RB 15 0 NTV



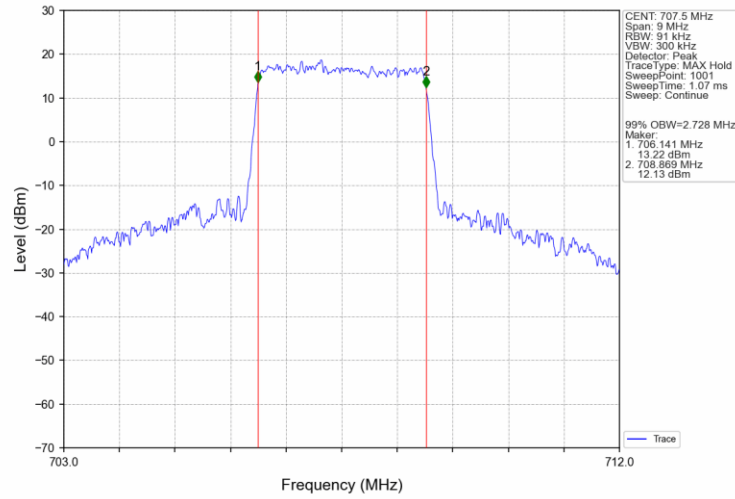
Band12 3MHz QPSK HCH 714.5MHz RB 15 0 NTV



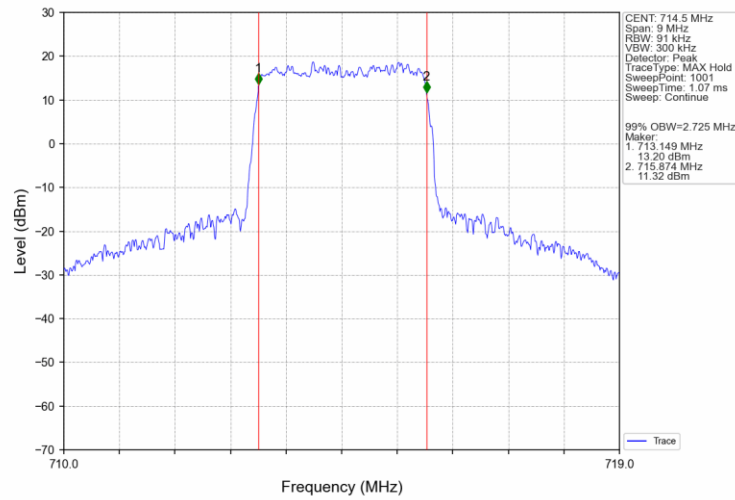
Band12 3MHz 16QAM LCH 700.5MHz RB 15 0 NTV



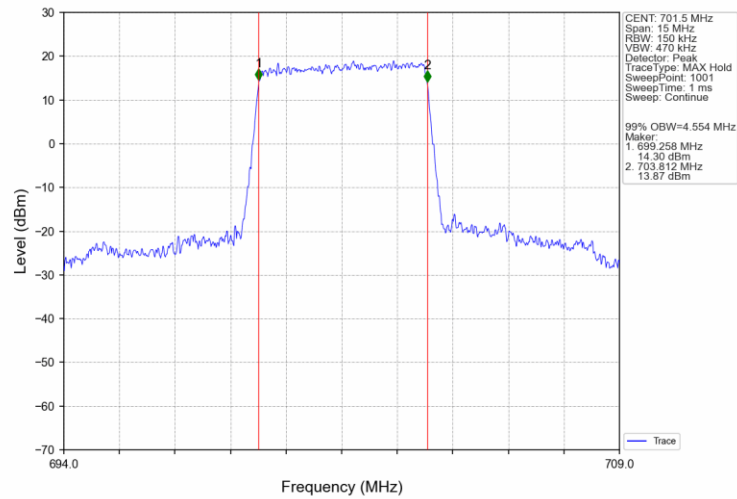
Band12 3MHz 16QAM MCH 707.5MHz RB 15 0 NTNV



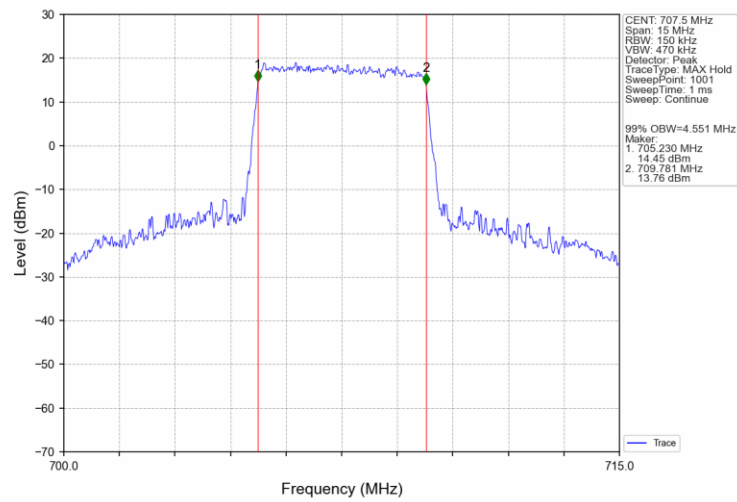
Band12 3MHz 16QAM HCH 714.5MHz RB 15 0 NTNV



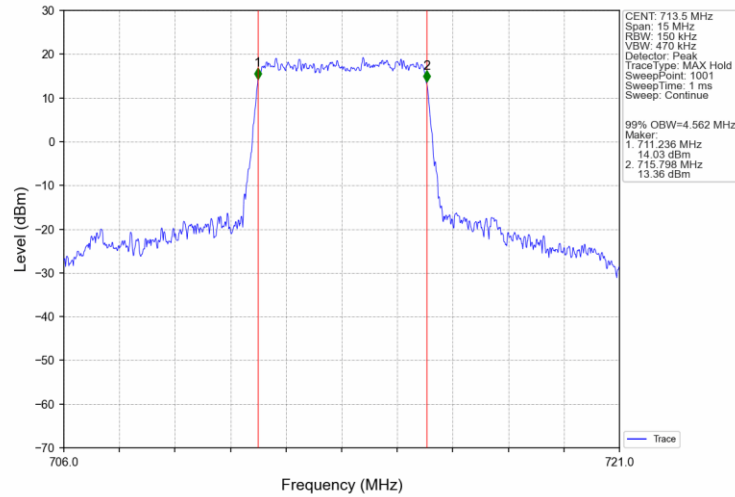
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



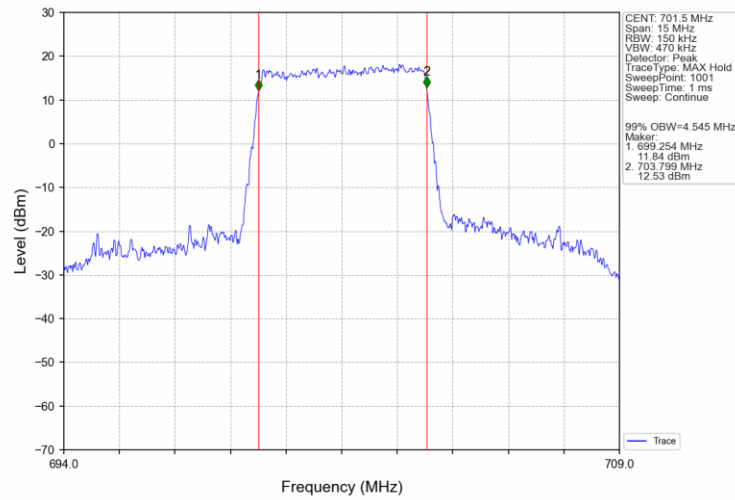
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



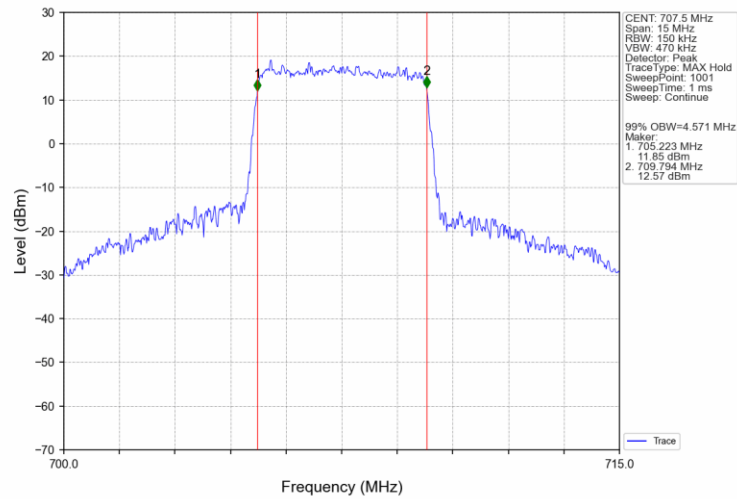
Band12 5MHz QPSK HCH 713.5MHz RB 25 0 NTV



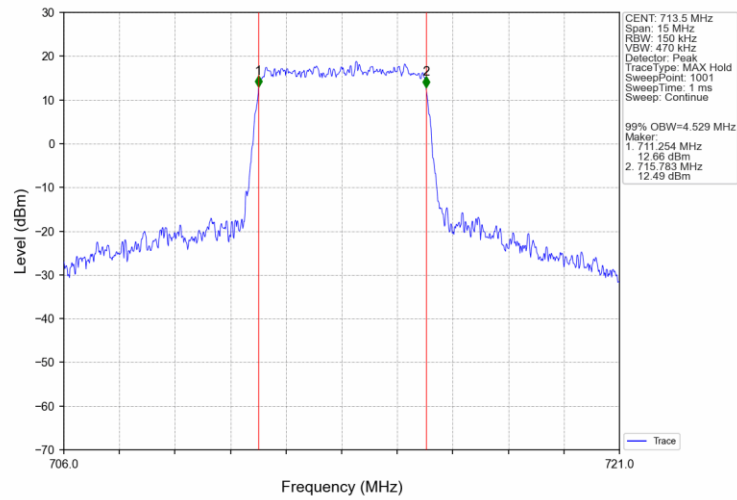
Band12 5MHz 16QAM LCH 701.5MHz RB 25 0 NTV



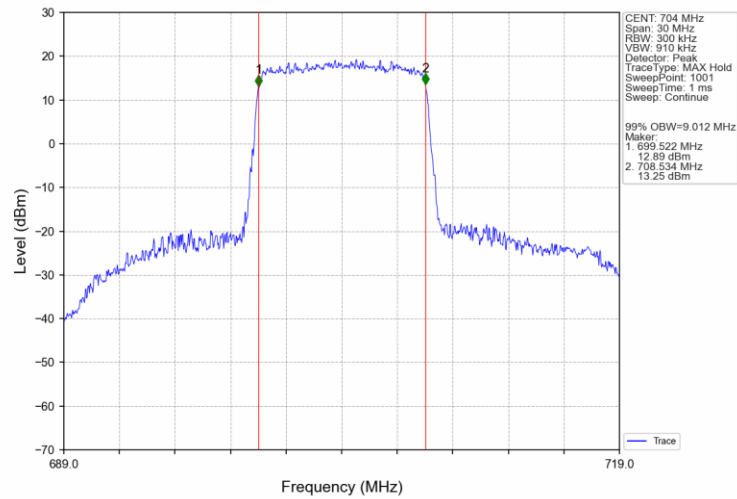
Band12 5MHz 16QAM MCH 707.5MHz RB 25 0 NTN



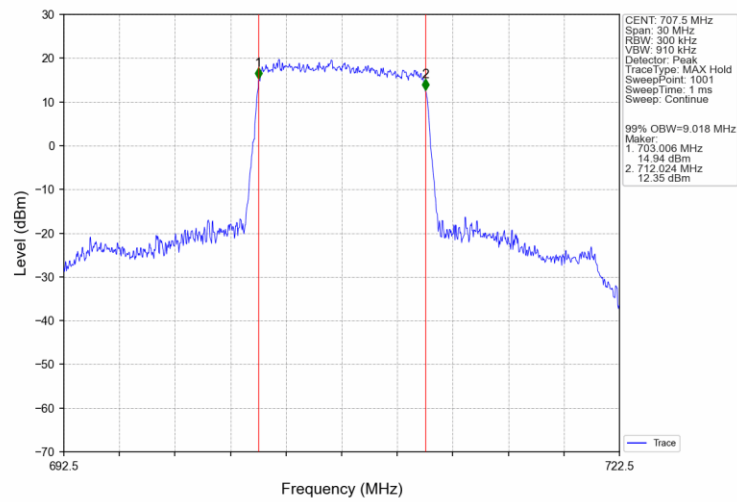
Band12 5MHz 16QAM HCH 713.5MHz RB 25 0 NTN



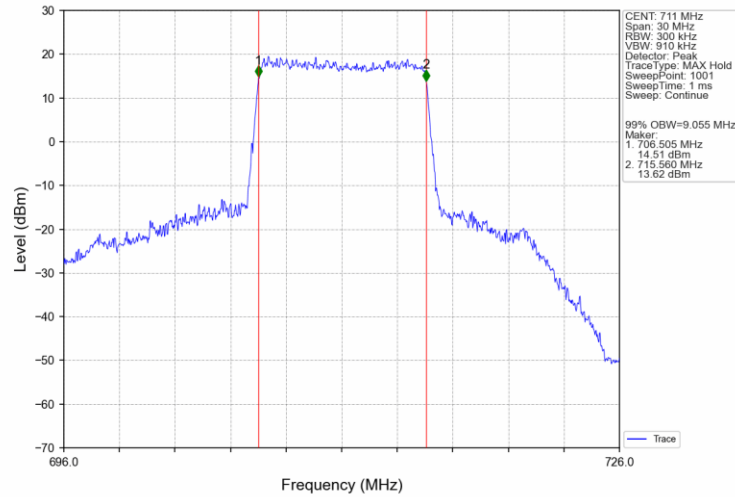
Band12 10MHz QPSK LCH 704MHz RB 50 0 NTN



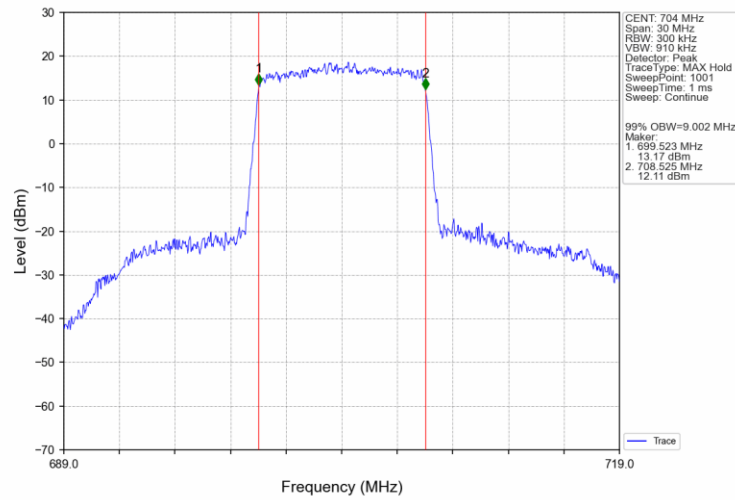
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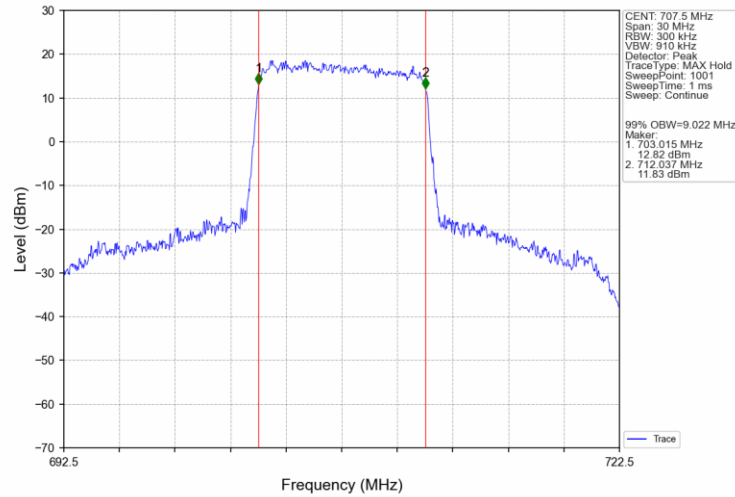
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



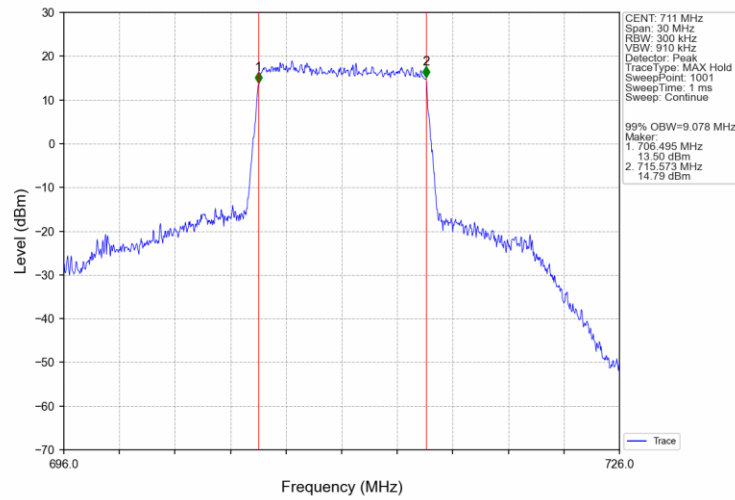
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



Band12 10MHz 16QAM MCH 707.5MHz RB 50 0 NTN

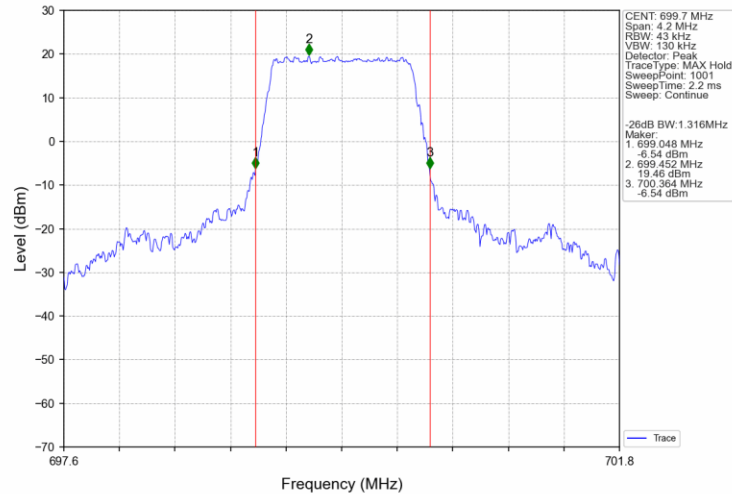


Band12 10MHz 16QAM HCH 711MHz RB 50 0 NTN

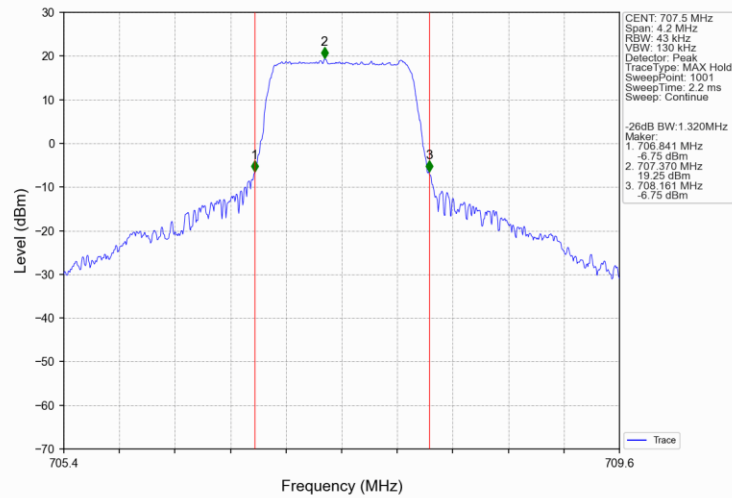


4.2.2 Band12_XDB

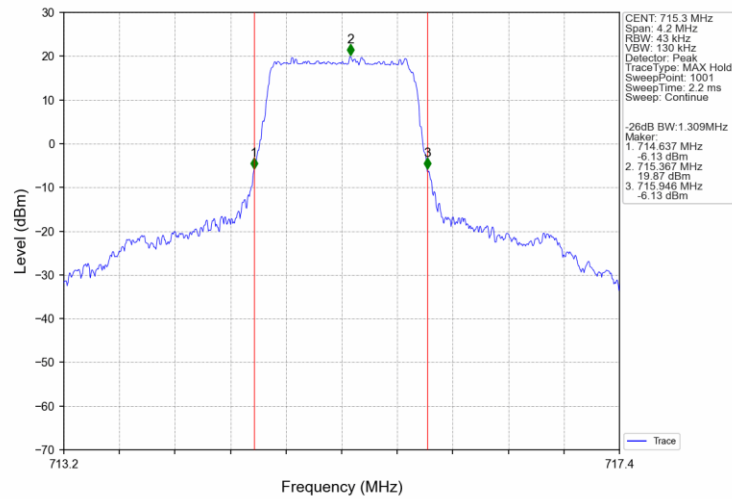
Band12 1.4MHz QPSK LCH 699.7MHz RB 6 0 NTV



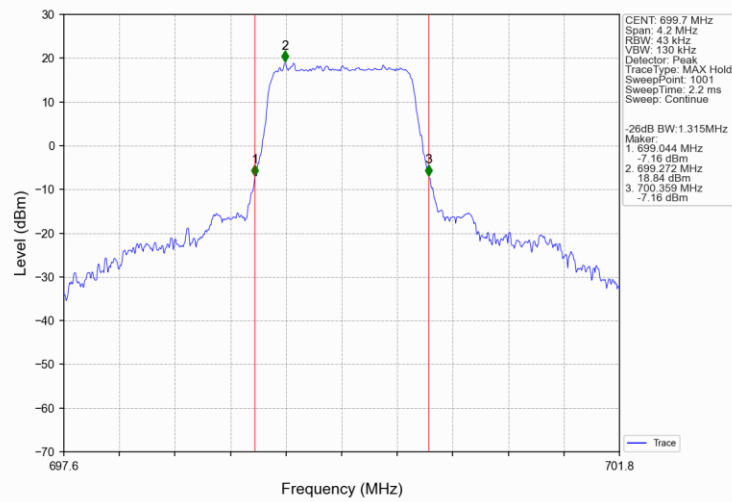
Band12 1.4MHz QPSK MCH 707.5MHz RB 6 0 NTV



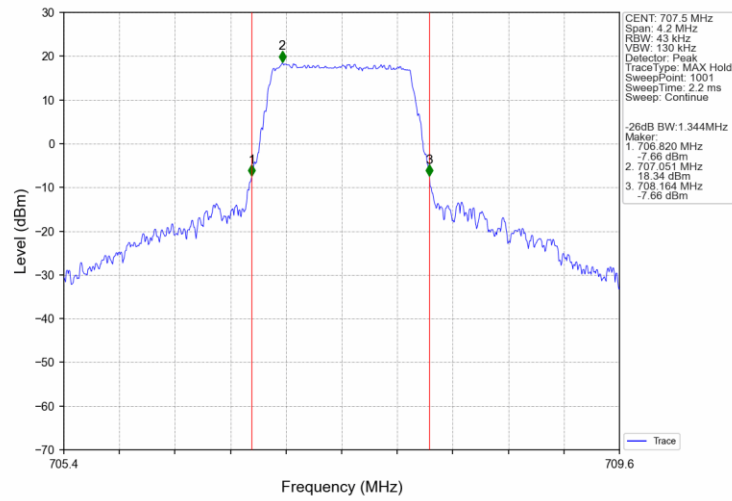
Band12 1.4MHz QPSK HCH 715.3MHz RB 6 0 NTV



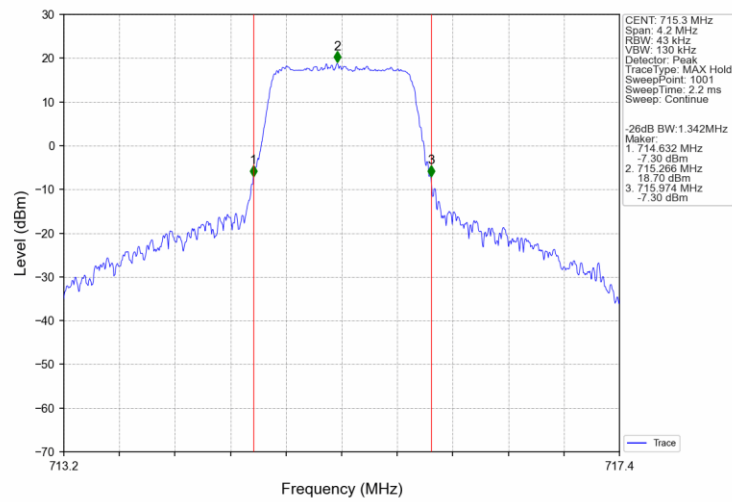
Band12 1.4MHz 16QAM LCH 699.7MHz RB 6 0 NTV



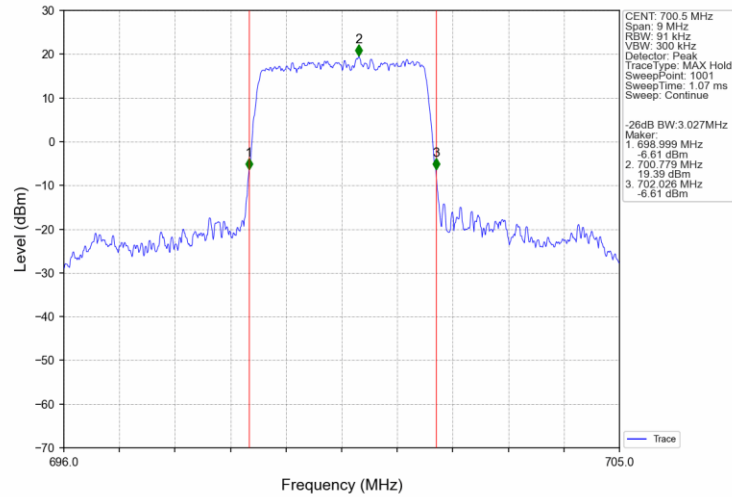
Band12 1.4MHz 16QAM MCH 707.5MHz RB 6 0 NTN



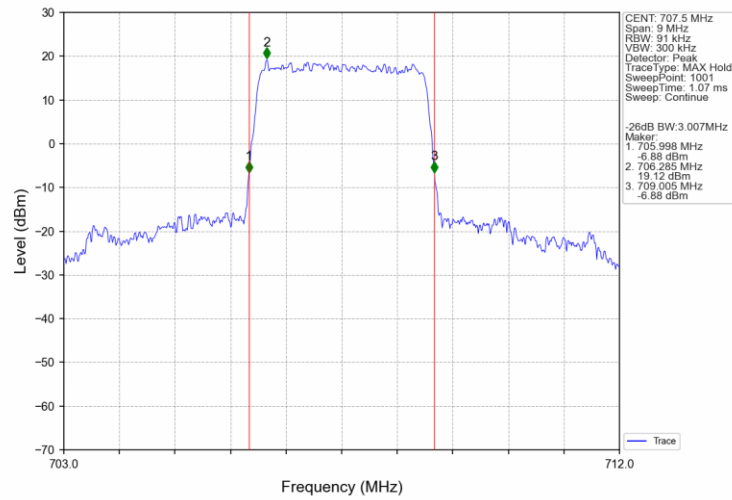
Band12 1.4MHz 16QAM HCH 715.3MHz RB 6 0 NTN



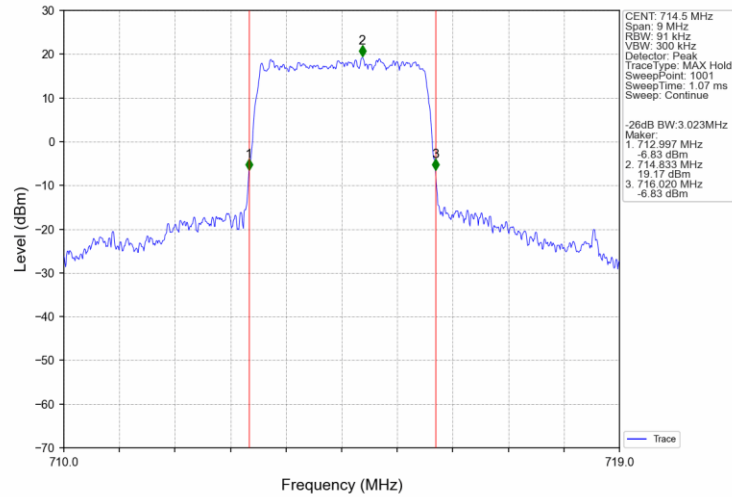
Band12 3MHz QPSK LCH 700.5MHz RB 15 0 NTV



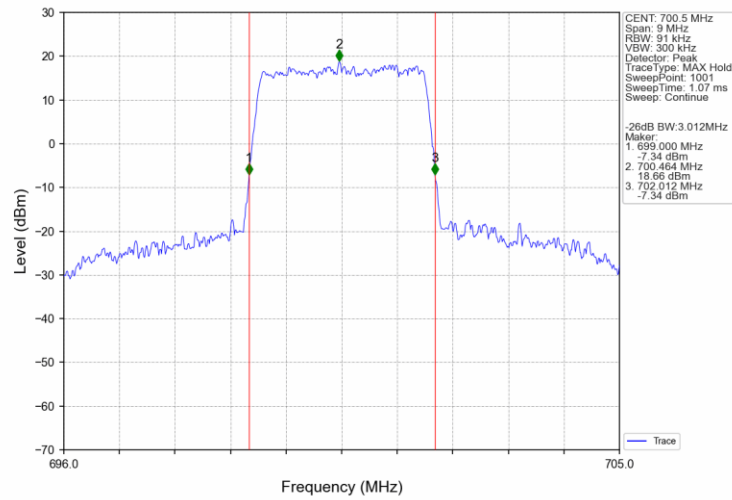
Band12 3MHz QPSK MCH 707.5MHz RB 15 0 NTV



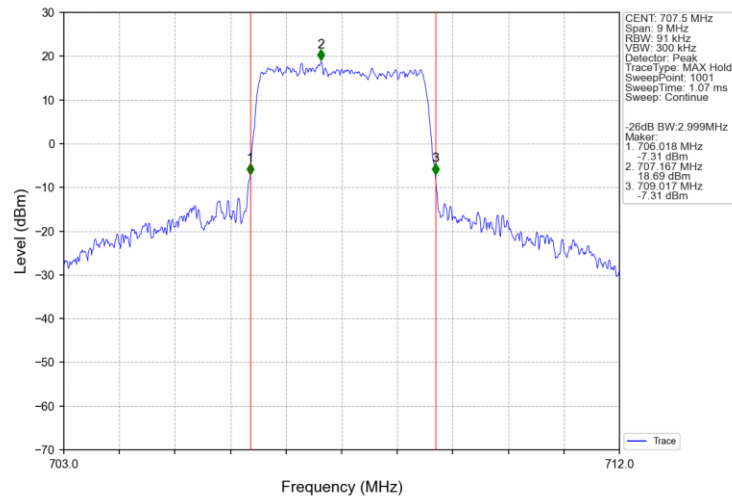
Band12 3MHz QPSK HCH 714.5MHz RB 15 0 NTV



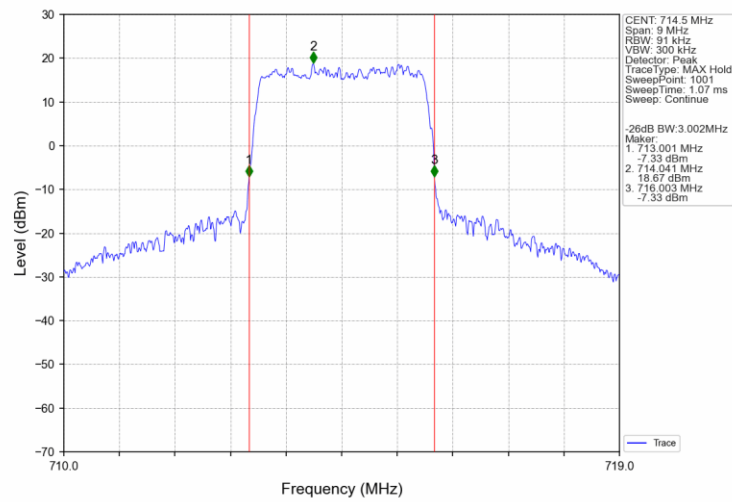
Band12 3MHz 16QAM LCH 700.5MHz RB 15 0 NTV



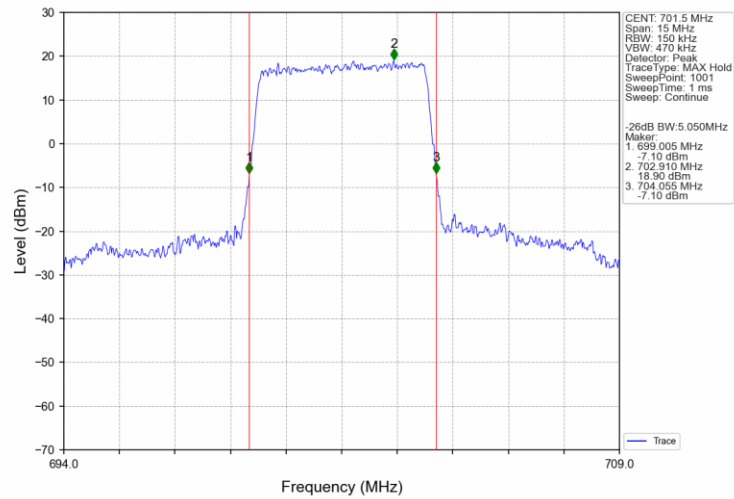
Band12 3MHz 16QAM MCH 707.5MHz RB 15 0 NTNV



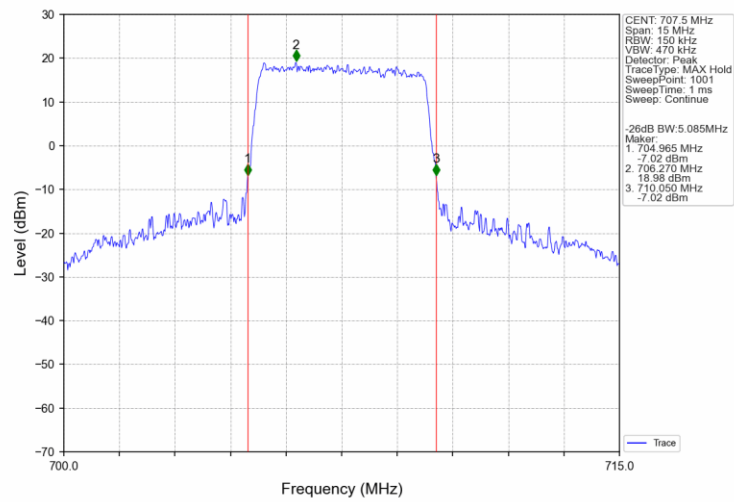
Band12 3MHz 16QAM HCH 714.5MHz RB 15 0 NTNV



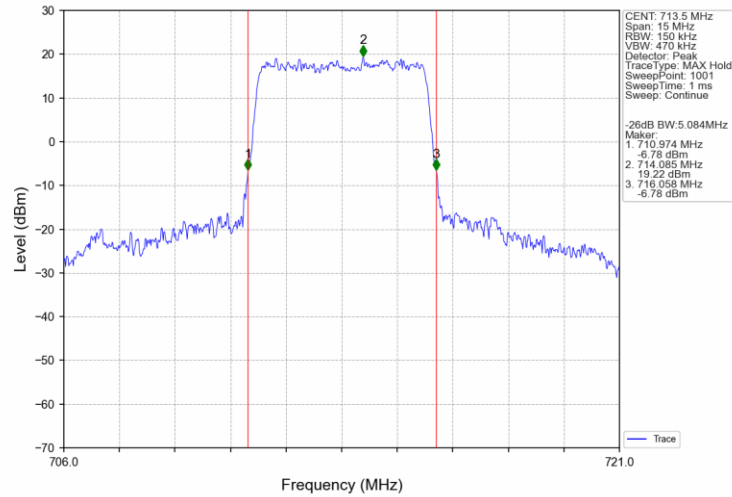
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



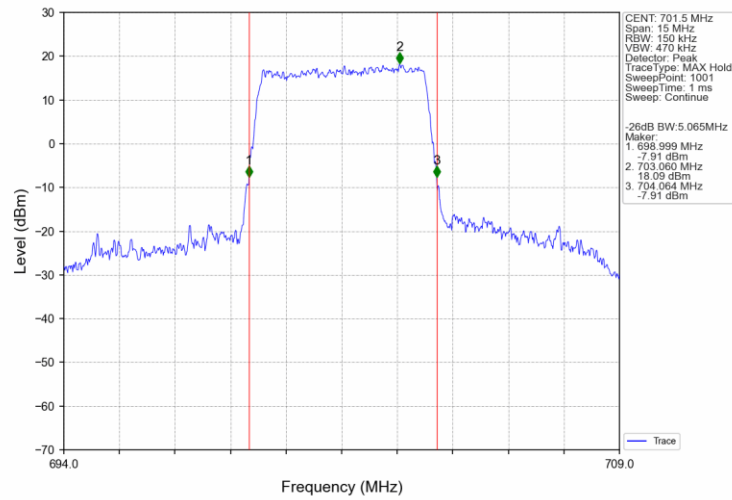
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



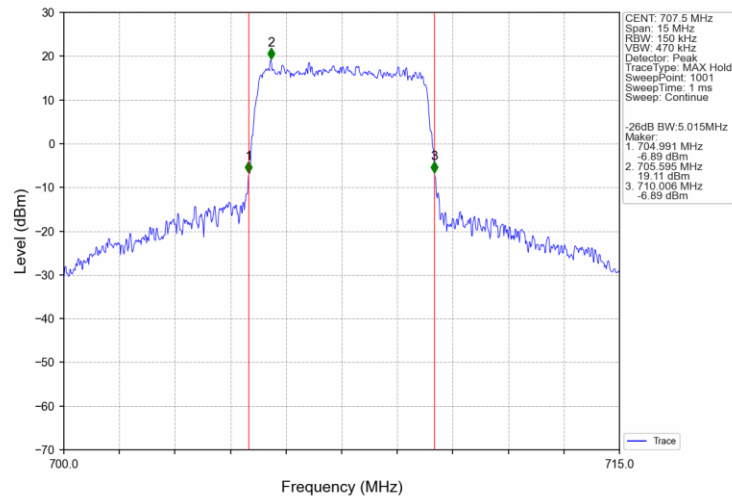
Band12 5MHz QPSK HCH 713.5MHz RB 25 0 NTV



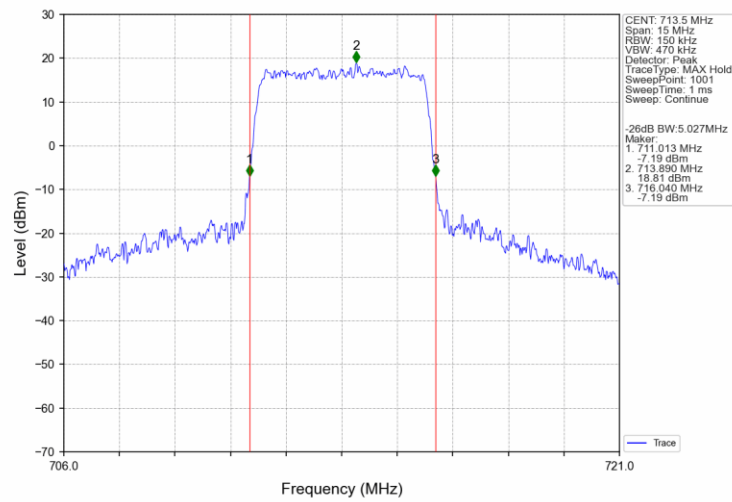
Band12 5MHz 16QAM LCH 701.5MHz RB 25 0 NTV



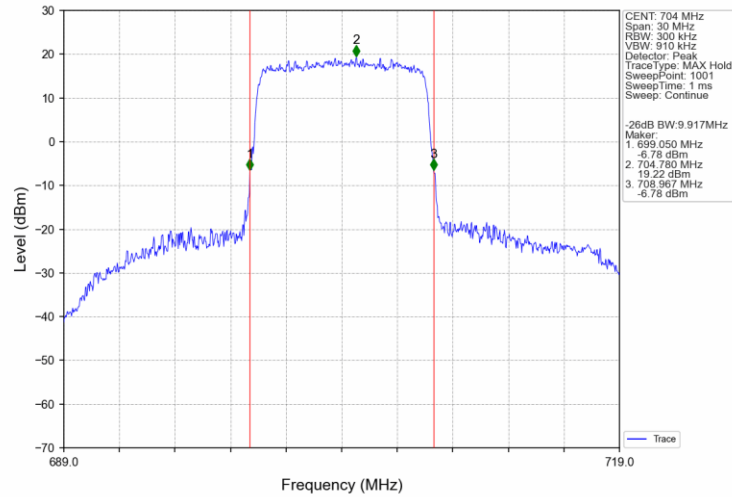
Band12 5MHz 16QAM MCH 707.5MHz RB 25 0 NTN



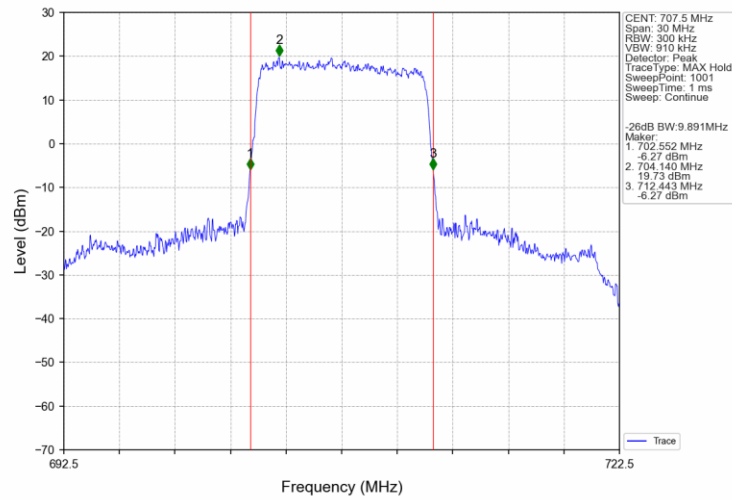
Band12 5MHz 16QAM HCH 713.5MHz RB 25 0 NTN



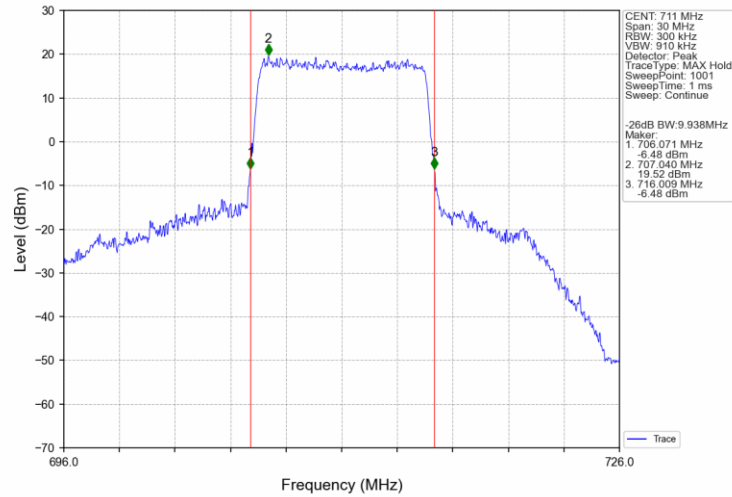
Band12 10MHz QPSK LCH 704MHz RB 50 0 NTN



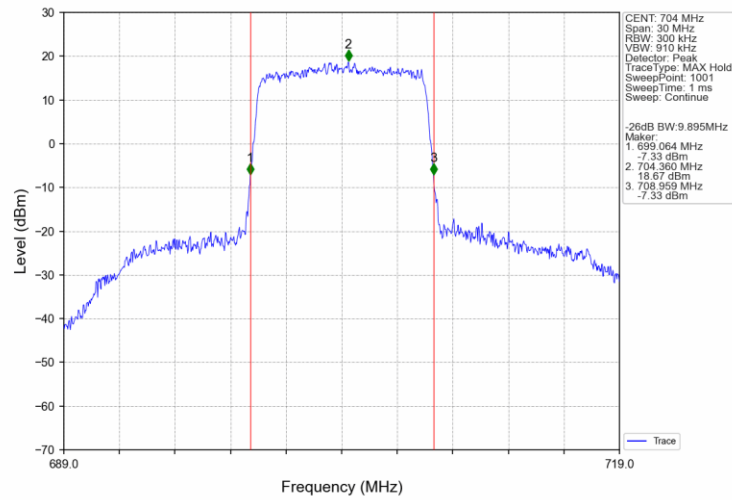
Band12 10MHz QPSK MCH 707.5MHz RB 50 0 NTN



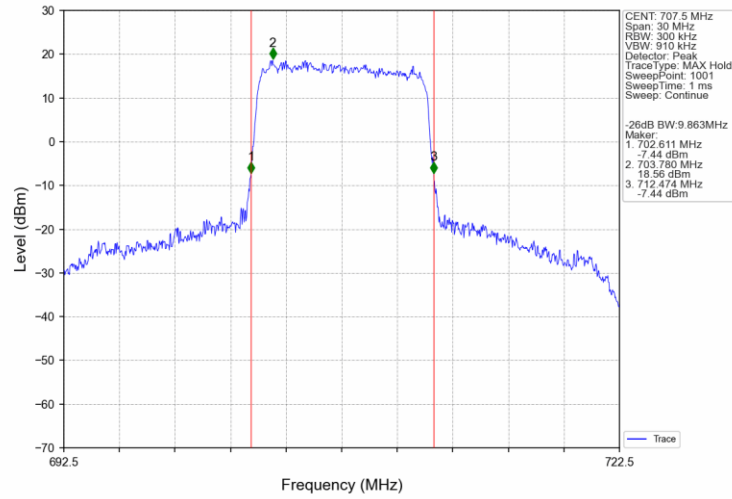
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



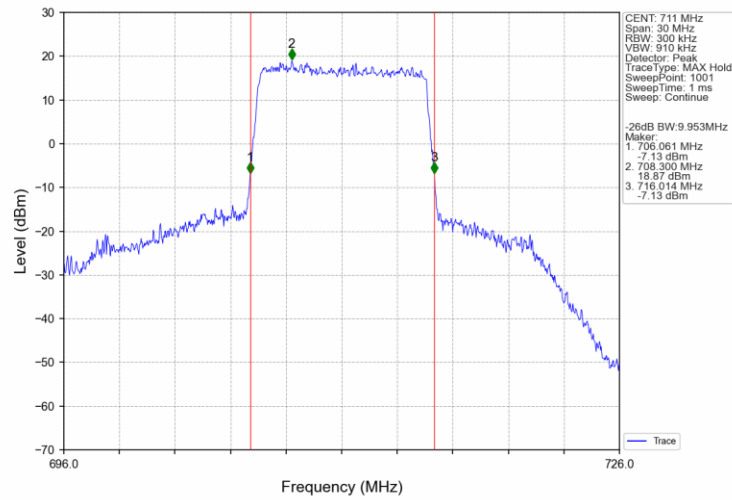
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



Band12 10MHz 16QAM MCH 707.5MHz RB 50 0 NTN



Band12 10MHz 16QAM HCH 711MHz RB 50 0 NTN



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	5.34	<=13	Pass
	707.5	6	0	4.57	<=13	Pass
	715.3	6	0	4.73	<=13	Pass
16QAM	699.7	6	0	6.27	<=13	Pass
	707.5	6	0	5.44	<=13	Pass
	715.3	6	0	5.55	<=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	5.42	<=13	Pass
	707.5	15	0	4.80	<=13	Pass
	714.5	15	0	5.05	<=13	Pass
16QAM	700.5	15	0	6.22	<=13	Pass
	707.5	15	0	5.69	<=13	Pass
	714.5	15	0	5.86	<=13	Pass

5.1.3 B12_5MHz

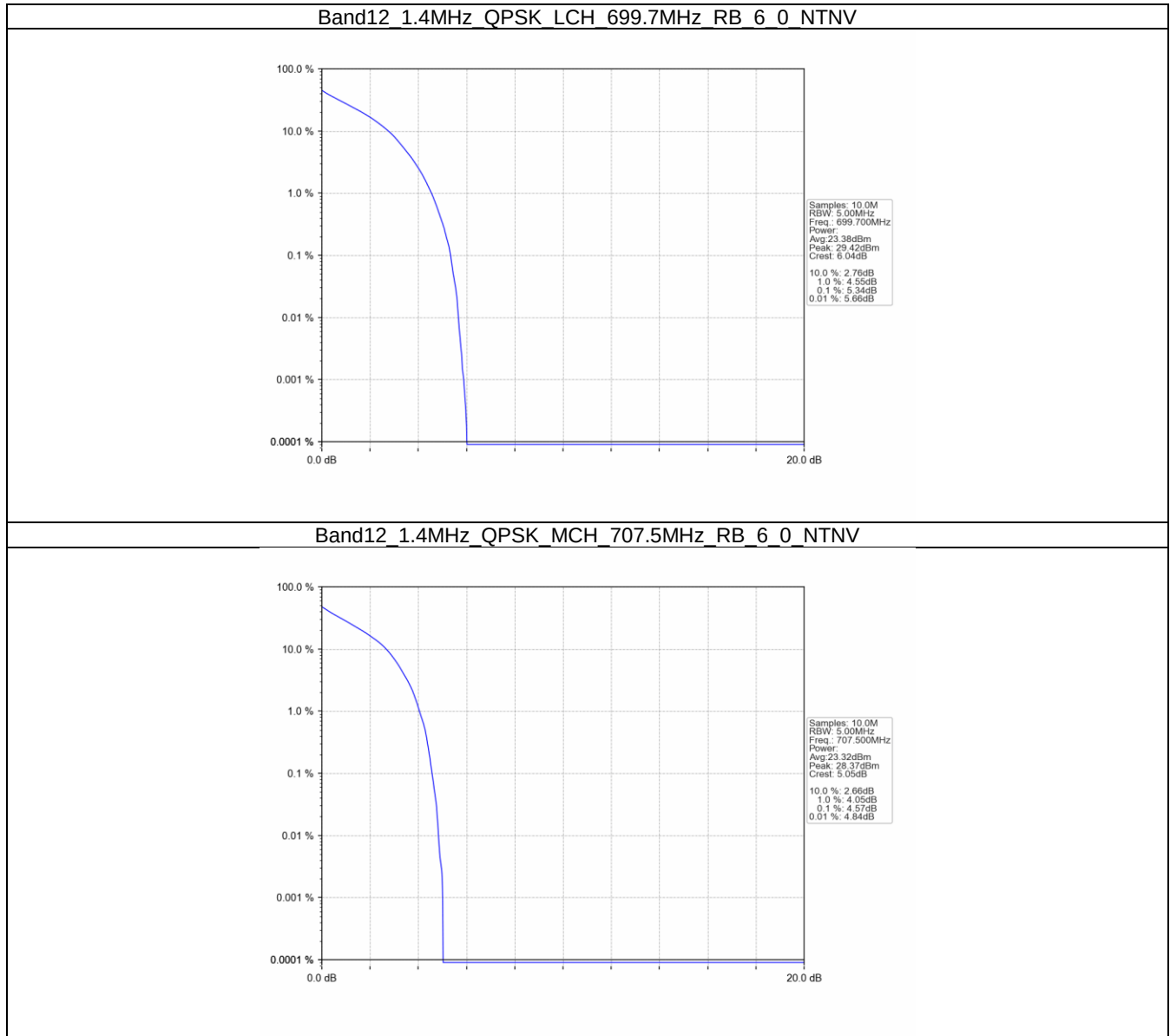
Band: 12 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	701.5	25	0	5.49	<=13	Pass
	707.5	25	0	5.13	<=13	Pass
	713.5	25	0	5.32	<=13	Pass
16QAM	701.5	25	0	6.18	<=13	Pass
	707.5	25	0	5.92	<=13	Pass
	713.5	25	0	6.07	<=13	Pass

5.1.4 B12_10MHz

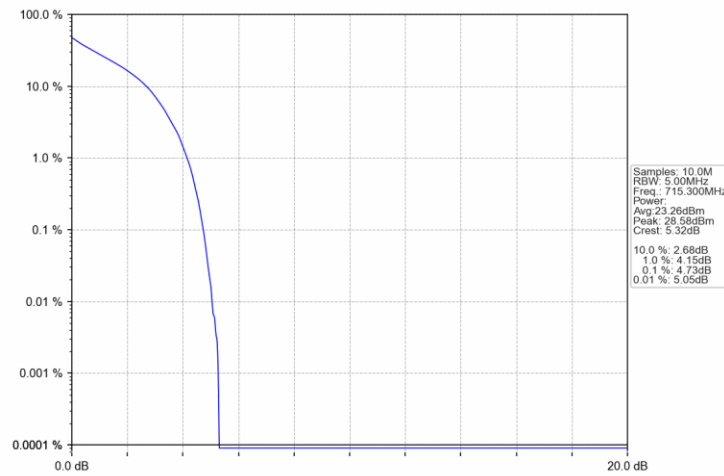
Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	704	50	0	5.19	<=13	Pass
	707.5	50	0	5.20	<=13	Pass
	711	50	0	5.28	<=13	Pass
16QAM	704	50	0	6.04	<=13	Pass
	707.5	50	0	6.00	<=13	Pass
	711	50	0	6.03	<=13	Pass

5.2 Test Graph

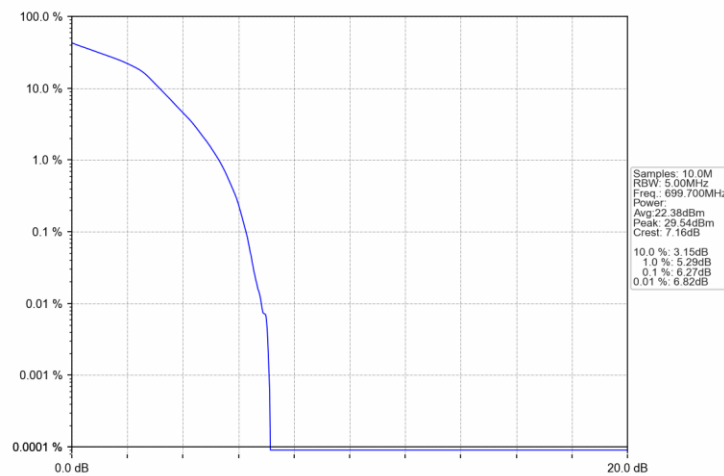
5.2.1 B12_1.4MHz



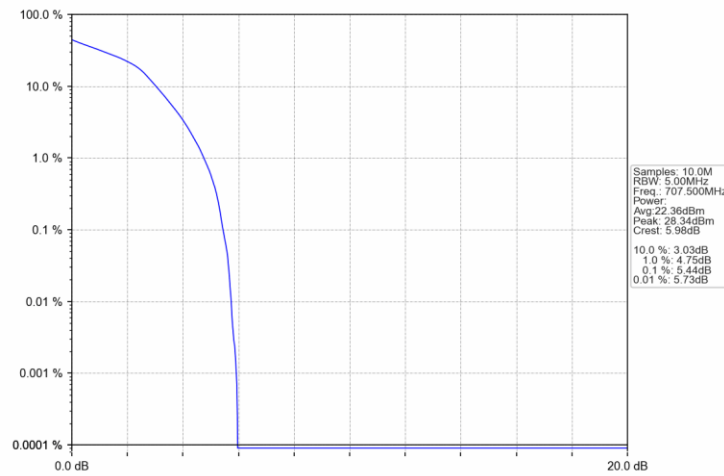
Band12 1.4MHz QPSK HCH 715.3MHz RB 6 0 NTNV



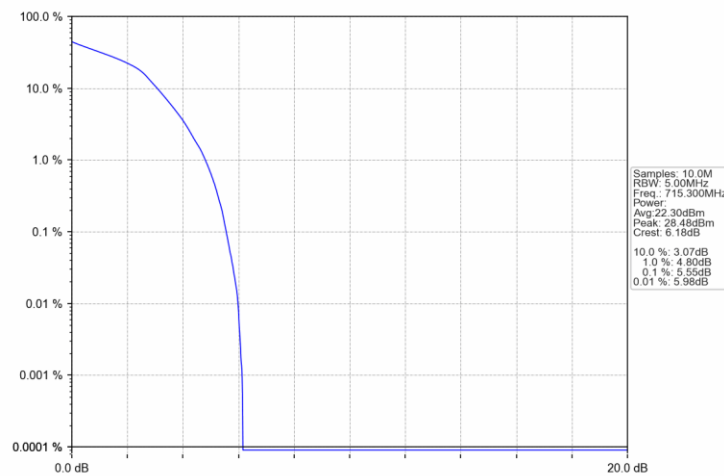
Band12 1.4MHz 16QAM LCH 699.7MHz RB 6 0 NTNV



Band12 1.4MHz 16QAM MCH 707.5MHz RB 6 0 NTV

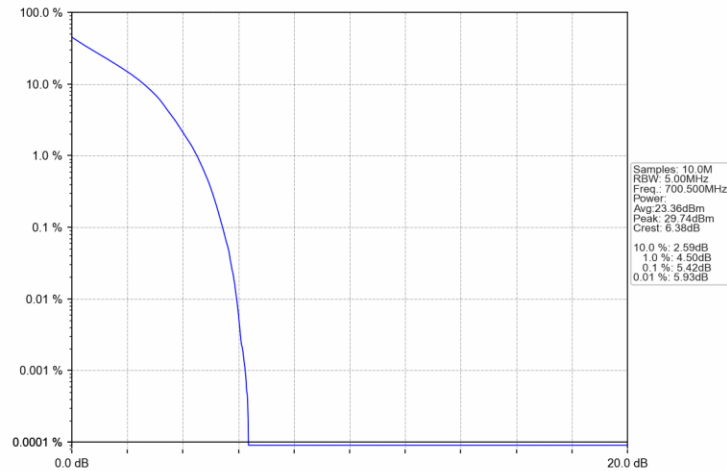


Band12 1.4MHz 16QAM HCH 715.3MHz RB 6 0 NTV

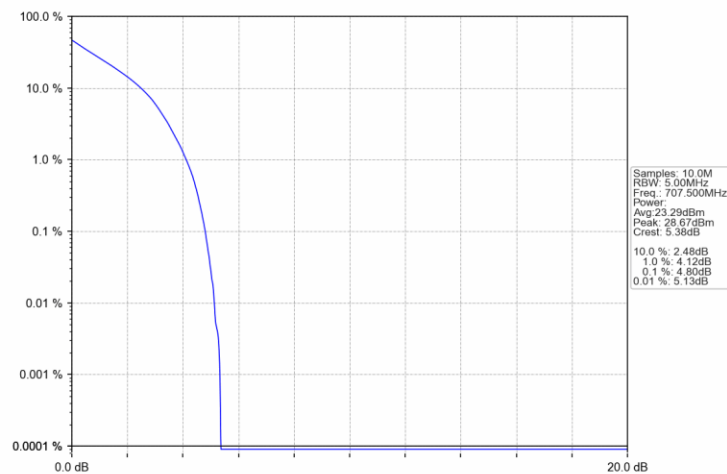


5.2.2 B12_3MHz

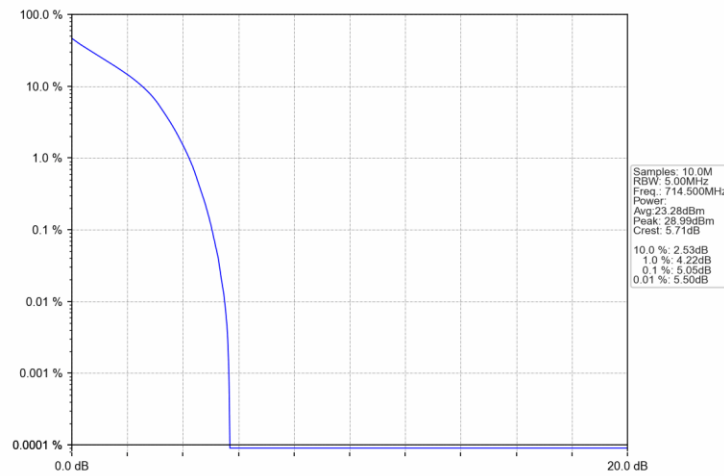
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



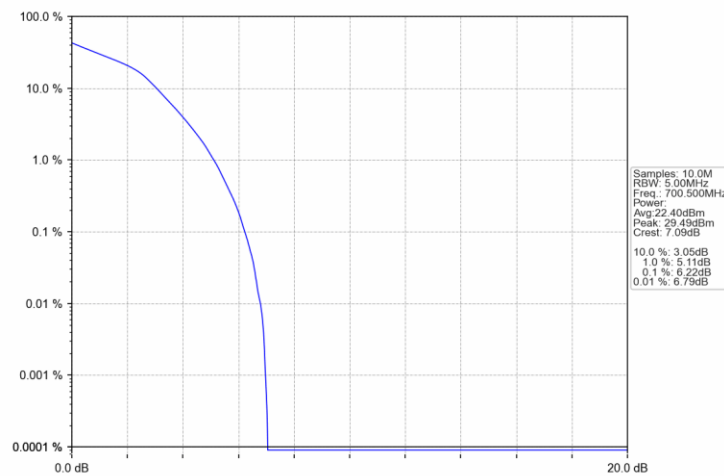
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



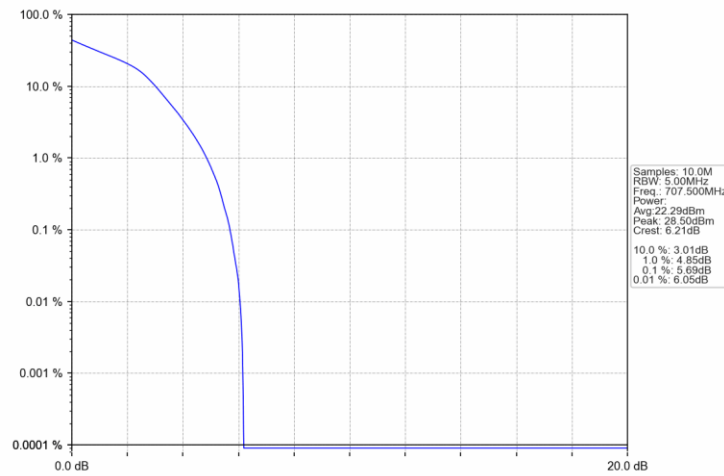
Band12 3MHz QPSK HCH 714.5MHz RB 15 0 NTV



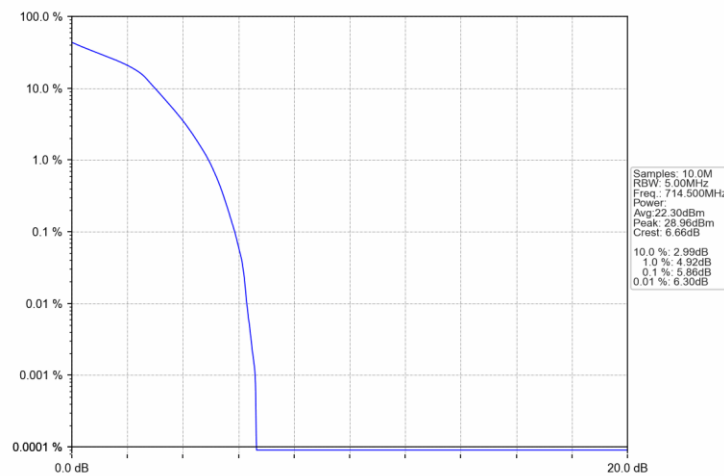
Band12 3MHz 16QAM LCH 700.5MHz RB 15 0 NTV



Band12 3MHz 16QAM MCH 707.5MHz RB 15 0 NTV

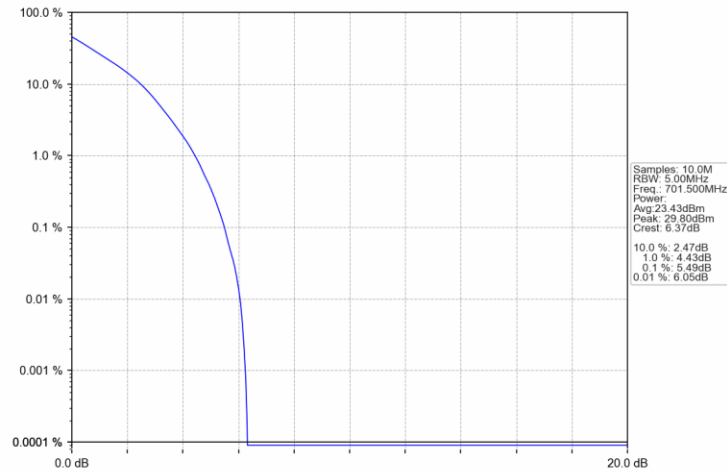


Band12 3MHz 16QAM HCH 714.5MHz RB 15 0 NTV

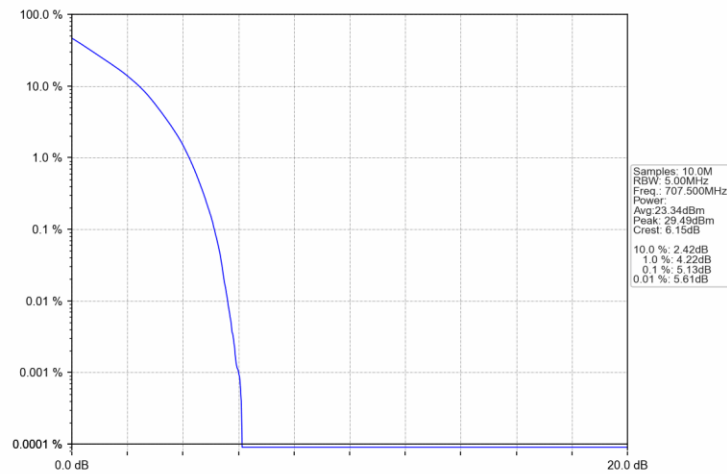


5.2.3 B12_5MHz

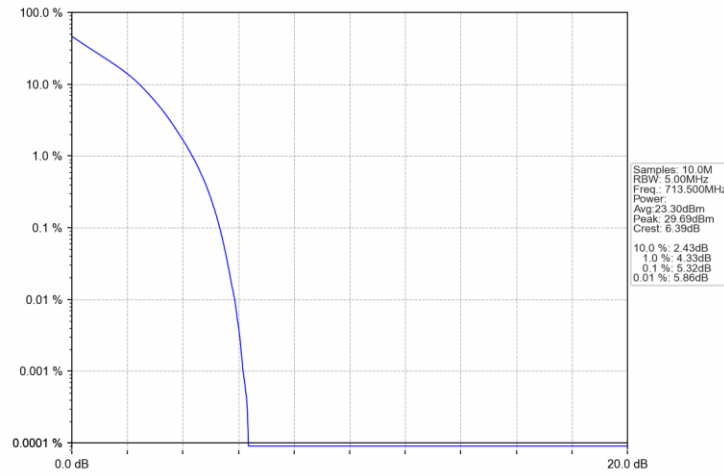
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



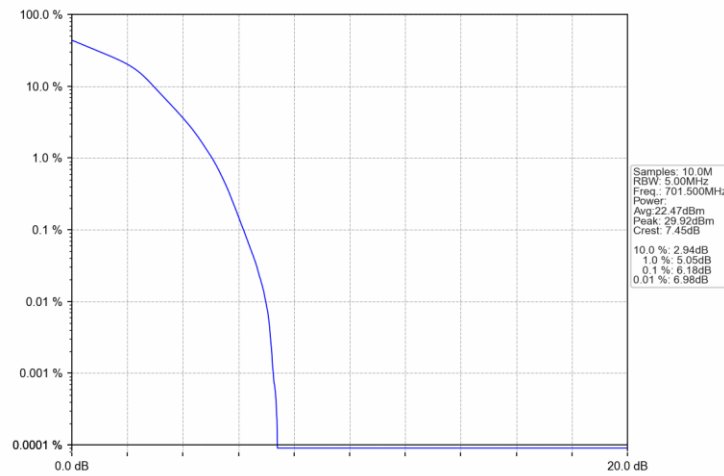
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



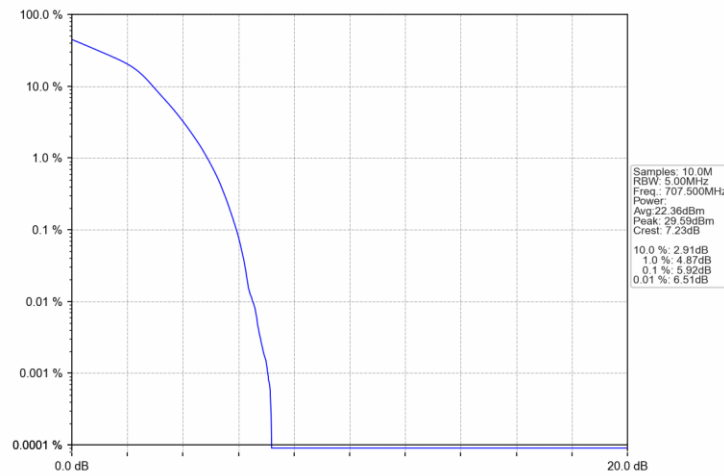
Band12 5MHz QPSK HCH 713.5MHz RB 25 0 NTNV



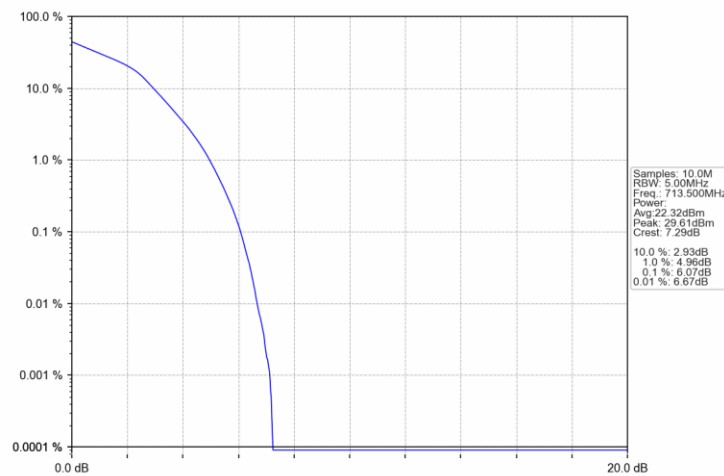
Band12 5MHz 16QAM LCH 701.5MHz RB 25 0 NTNV



Band12 5MHz 16QAM MCH 707.5MHz RB 25 0 NTV

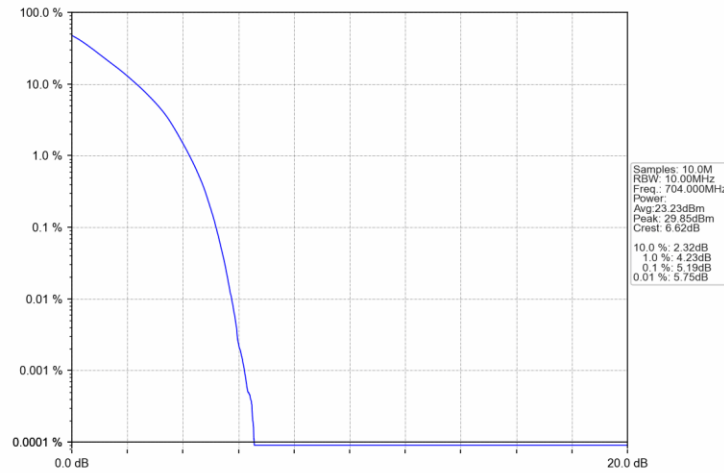


Band12 5MHz 16QAM HCH 713.5MHz RB 25 0 NTV

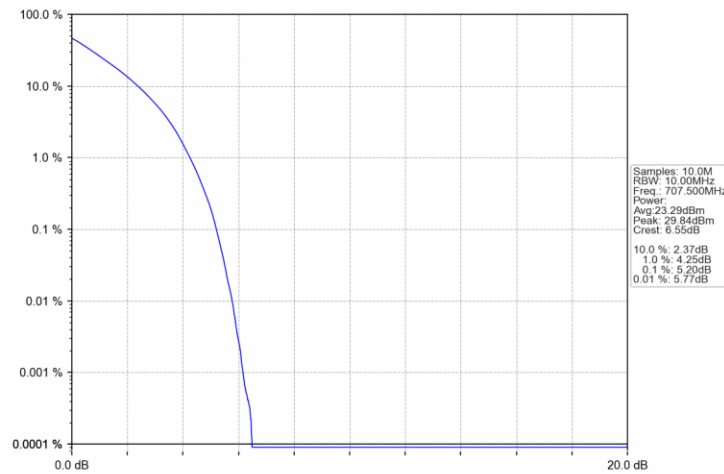


5.2.4 B12_10MHz

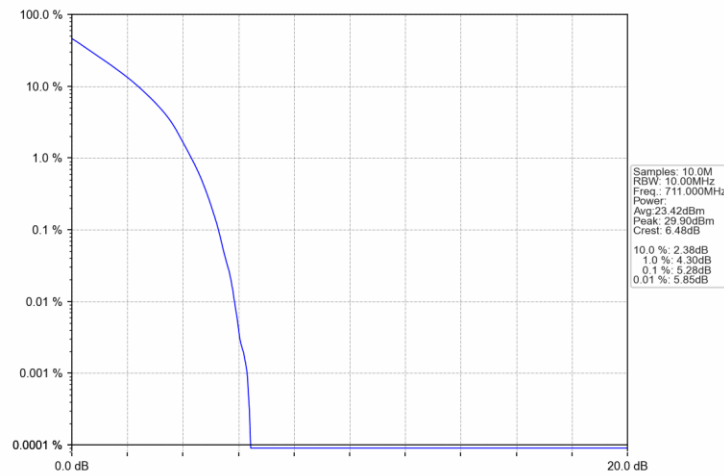
Band12 10MHz QPSK LCH 704MHz RB 50 0 NTN



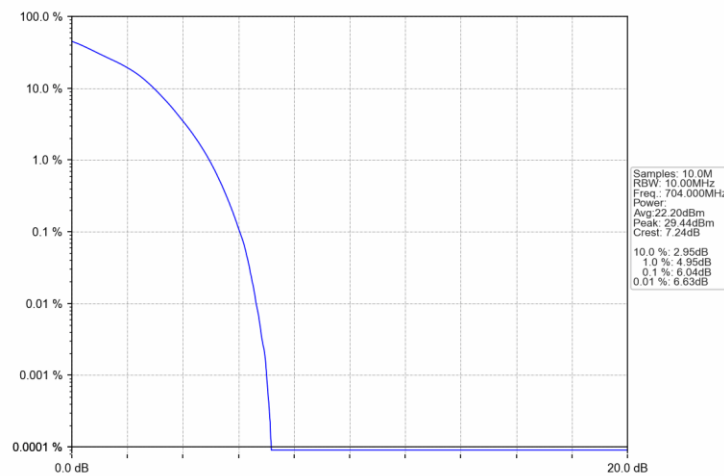
Band12 10MHz QPSK MCH 707.5MHz RB 50 0 NTN



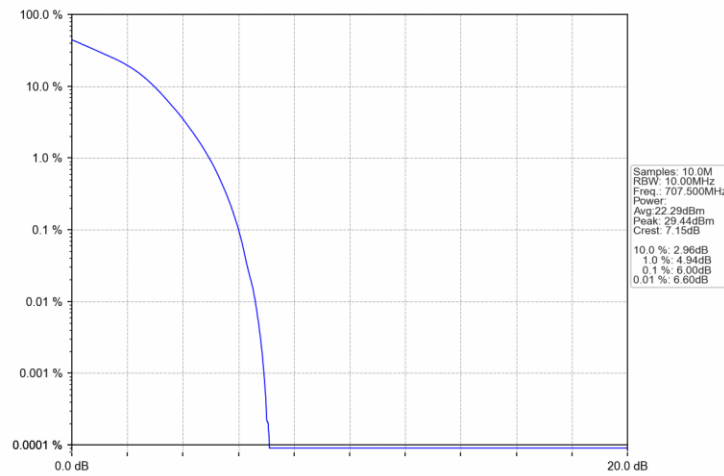
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



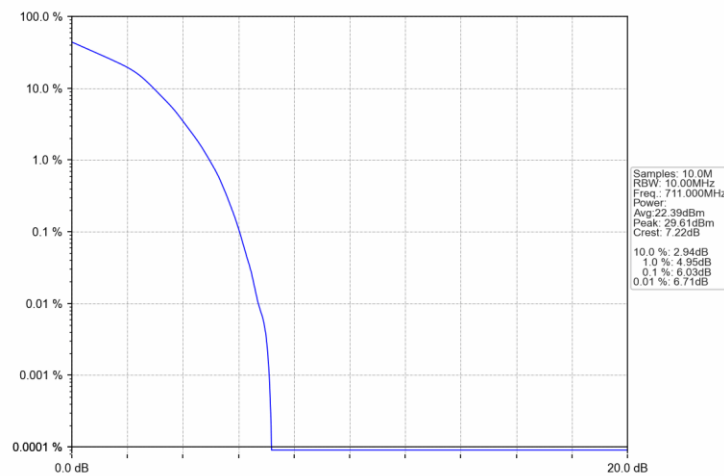
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



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		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
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
	715.3	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 / NTVN						
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
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
	714.5	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 / NTVN						
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
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

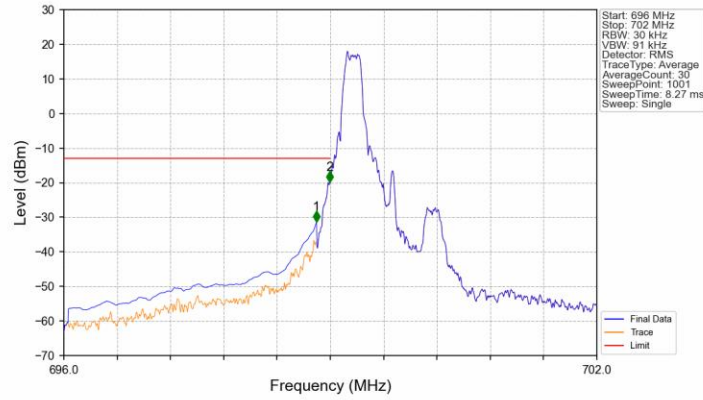
6.1.4 B12_10MHz

Band: 12 / Bandwidth: 10MHz / NTVN						
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
16QAM	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

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	-31.40	-13	Pass
698.9	699	0.03	/	2	698.994	-19.82	-13	Pass
699	702	0.03	/	/	/	/	/	/

Band12 1.4MHz QPSK LCH 699.7MHz RB 1 0 NTN

