

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	23.84	-5.78	15.91	<=34.77	Pass
			2	23.88	-5.78	15.95	<=34.77	Pass
			5	23.87	-5.78	15.94	<=34.77	Pass
		3	0	23.71	-5.78	15.78	<=34.77	Pass
			2	23.73	-5.78	15.80	<=34.77	Pass
			3	23.73	-5.78	15.80	<=34.77	Pass
		6	0	22.62	-5.78	14.69	<=34.77	Pass
	707.5	1	0	23.78	-5.78	15.85	<=34.77	Pass
			2	23.76	-5.78	15.83	<=34.77	Pass
			5	23.86	-5.78	15.93	<=34.77	Pass
		3	0	23.75	-5.78	15.82	<=34.77	Pass
			2	23.73	-5.78	15.80	<=34.77	Pass
			3	23.69	-5.78	15.76	<=34.77	Pass
		6	0	22.70	-5.78	14.77	<=34.77	Pass
	715.3	1	0	23.61	-5.78	15.68	<=34.77	Pass
			2	23.68	-5.78	15.75	<=34.77	Pass
			5	23.68	-5.78	15.75	<=34.77	Pass
		3	0	23.66	-5.78	15.73	<=34.77	Pass
			2	23.82	-5.78	15.89	<=34.77	Pass
			3	23.80	-5.78	15.87	<=34.77	Pass
		6	0	22.51	-5.78	14.58	<=34.77	Pass
16QAM	699.7	1	0	22.04	-5.78	14.11	<=34.77	Pass
			2	22.07	-5.78	14.14	<=34.77	Pass
			5	22.10	-5.78	14.17	<=34.77	Pass
		3	0	22.33	-5.78	14.40	<=34.77	Pass
			2	22.32	-5.78	14.39	<=34.77	Pass
			3	22.28	-5.78	14.35	<=34.77	Pass
		6	0	22.15	-5.78	14.22	<=34.77	Pass
	707.5	1	0	22.70	-5.78	14.77	<=34.77	Pass
			2	22.78	-5.78	14.85	<=34.77	Pass
			5	22.82	-5.78	14.89	<=34.77	Pass
		3	0	22.74	-5.78	14.81	<=34.77	Pass
			2	22.72	-5.78	14.79	<=34.77	Pass
			3	22.72	-5.78	14.79	<=34.77	Pass
		6	0	22.32	-5.78	14.39	<=34.77	Pass
	715.3	1	0	22.69	-5.78	14.76	<=34.77	Pass
			2	22.73	-5.78	14.80	<=34.77	Pass
			5	22.64	-5.78	14.71	<=34.77	Pass
		3	0	22.52	-5.78	14.59	<=34.77	Pass
			2	22.59	-5.78	14.66	<=34.77	Pass
			3	22.58	-5.78	14.65	<=34.77	Pass
		6	0	22.19	-5.78	14.26	<=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	23.69	-5.78	15.76	<=34.77	Pass
			7	23.56	-5.78	15.63	<=34.77	Pass
			14	23.60	-5.78	15.67	<=34.77	Pass
		8	0	22.65	-5.78	14.72	<=34.77	Pass
			4	22.56	-5.78	14.63	<=34.77	Pass
			7	22.53	-5.78	14.60	<=34.77	Pass
		15	0	22.49	-5.78	14.56	<=34.77	Pass
	707.5	1	0	23.69	-5.78	15.76	<=34.77	Pass
			7	23.74	-5.78	15.81	<=34.77	Pass
			14	23.78	-5.78	15.85	<=34.77	Pass
		8	0	22.58	-5.78	14.65	<=34.77	Pass
			4	22.64	-5.78	14.71	<=34.77	Pass
			7	22.76	-5.78	14.83	<=34.77	Pass
		15	0	22.74	-5.78	14.81	<=34.77	Pass
	714.5	1	0	23.73	-5.78	15.80	<=34.77	Pass
			7	23.77	-5.78	15.84	<=34.77	Pass
			14	23.84	-5.78	15.91	<=34.77	Pass
		8	0	22.72	-5.78	14.79	<=34.77	Pass
			4	22.49	-5.78	14.56	<=34.77	Pass
			7	22.70	-5.78	14.77	<=34.77	Pass
		15	0	22.59	-5.78	14.66	<=34.77	Pass
16QAM	700.5	1	0	22.62	-5.78	14.69	<=34.77	Pass
			7	22.62	-5.78	14.69	<=34.77	Pass
			14	22.70	-5.78	14.77	<=34.77	Pass
		8	0	22.25	-5.78	14.32	<=34.77	Pass
			4	22.28	-5.78	14.35	<=34.77	Pass
			7	22.29	-5.78	14.36	<=34.77	Pass
		15	0	22.16	-5.78	14.23	<=34.77	Pass
	707.5	1	0	22.08	-5.78	14.15	<=34.77	Pass
			7	22.22	-5.78	14.29	<=34.77	Pass
			14	22.14	-5.78	14.21	<=34.77	Pass
		8	0	22.28	-5.78	14.35	<=34.77	Pass
			4	22.30	-5.78	14.37	<=34.77	Pass
			7	22.28	-5.78	14.35	<=34.77	Pass
		15	0	22.15	-5.78	14.22	<=34.77	Pass
	714.5	1	0	22.97	-5.78	15.04	<=34.77	Pass
			7	22.88	-5.78	14.95	<=34.77	Pass
			14	23.08	-5.78	15.15	<=34.77	Pass
		8	0	22.24	-5.78	14.31	<=34.77	Pass
			4	22.27	-5.78	14.34	<=34.77	Pass
			7	22.22	-5.78	14.29	<=34.77	Pass
		15	0	22.21	-5.78	14.28	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.3 B12_5MHz_ERP

Band: 12 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	701.5	1	0	23.58	-5.78	15.65	<=34.77	Pass
			13	23.70	-5.78	15.77	<=34.77	Pass
			24	23.60	-5.78	15.67	<=34.77	Pass
		12	0	22.49	-5.78	14.56	<=34.77	Pass
			6	22.74	-5.78	14.81	<=34.77	Pass
			13	22.75	-5.78	14.82	<=34.77	Pass
		25	0	22.65	-5.78	14.72	<=34.77	Pass
	707.5	1	0	23.67	-5.78	15.74	<=34.77	Pass
			13	23.61	-5.78	15.68	<=34.77	Pass
			24	23.48	-5.78	15.55	<=34.77	Pass
		12	0	22.57	-5.78	14.64	<=34.77	Pass
			6	22.67	-5.78	14.74	<=34.77	Pass
			13	22.79	-5.78	14.86	<=34.77	Pass
		25	0	22.80	-5.78	14.87	<=34.77	Pass
	713.5	1	0	23.67	-5.78	15.74	<=34.77	Pass
			13	23.65	-5.78	15.72	<=34.77	Pass
			24	23.82	-5.78	15.89	<=34.77	Pass
		12	0	22.68	-5.78	14.75	<=34.77	Pass
			6	22.63	-5.78	14.70	<=34.77	Pass
			13	22.57	-5.78	14.64	<=34.77	Pass
		25	0	22.74	-5.78	14.81	<=34.77	Pass
16QAM	701.5	1	0	21.74	-5.78	13.81	<=34.77	Pass
			13	21.77	-5.78	13.84	<=34.77	Pass
			24	21.82	-5.78	13.89	<=34.77	Pass
		12	0	22.03	-5.78	14.10	<=34.77	Pass
			6	22.07	-5.78	14.14	<=34.77	Pass
			13	22.06	-5.78	14.13	<=34.77	Pass
		25	0	22.19	-5.78	14.26	<=34.77	Pass
	707.5	1	0	22.45	-5.78	14.52	<=34.77	Pass
			13	22.64	-5.78	14.71	<=34.77	Pass
			24	22.67	-5.78	14.74	<=34.77	Pass
		12	0	22.04	-5.78	14.11	<=34.77	Pass
			6	22.12	-5.78	14.19	<=34.77	Pass
			13	22.03	-5.78	14.10	<=34.77	Pass
		25	0	22.12	-5.78	14.19	<=34.77	Pass
	713.5	1	0	22.53	-5.78	14.60	<=34.77	Pass
			13	22.54	-5.78	14.61	<=34.77	Pass
			24	22.60	-5.78	14.67	<=34.77	Pass
		12	0	21.56	-5.78	13.63	<=34.77	Pass
			6	22.06	-5.78	14.13	<=34.77	Pass
			13	22.04	-5.78	14.11	<=34.77	Pass
		25	0	22.11	-5.78	14.18	<=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	23.65	-5.78	15.72	<=34.77	Pass
			25	23.63	-5.78	15.70	<=34.77	Pass
			49	23.65	-5.78	15.72	<=34.77	Pass
		25	0	22.72	-5.78	14.79	<=34.77	Pass
			13	22.76	-5.78	14.83	<=34.77	Pass
			25	22.72	-5.78	14.79	<=34.77	Pass
		50	0	22.70	-5.78	14.77	<=34.77	Pass
			0	23.70	-5.78	15.77	<=34.77	Pass
			25	23.65	-5.78	15.72	<=34.77	Pass
	707.5	1	49	23.63	-5.78	15.70	<=34.77	Pass
			0	22.62	-5.78	14.69	<=34.77	Pass
			13	22.72	-5.78	14.79	<=34.77	Pass
		25	25	22.95	-5.78	15.02	<=34.77	Pass
			0	22.60	-5.78	14.67	<=34.77	Pass
		50	0	23.60	-5.78	15.67	<=34.77	Pass
			25	23.58	-5.78	15.65	<=34.77	Pass
			49	23.85	-5.78	15.92	<=34.77	Pass
		25	0	22.71	-5.78	14.78	<=34.77	Pass
			13	22.42	-5.78	14.49	<=34.77	Pass
			25	22.65	-5.78	14.72	<=34.77	Pass
	711	1	0	22.49	-5.78	14.56	<=34.77	Pass
			0	22.92	-5.78	14.99	<=34.77	Pass
			25	23.08	-5.78	15.15	<=34.77	Pass
16QAM	704	1	49	23.03	-5.78	15.10	<=34.77	Pass
			0	22.09	-5.78	14.16	<=34.77	Pass
			13	21.84	-5.78	13.91	<=34.77	Pass
		25	25	22.17	-5.78	14.24	<=34.77	Pass
			0	21.75	-5.78	13.82	<=34.77	Pass
		50	0	22.35	-5.78	14.42	<=34.77	Pass
			25	22.39	-5.78	14.46	<=34.77	Pass
			49	22.38	-5.78	14.45	<=34.77	Pass
	707.5	1	0	22.27	-5.78	14.34	<=34.77	Pass
			13	22.32	-5.78	14.39	<=34.77	Pass
			25	21.92	-5.78	13.99	<=34.77	Pass
		25	0	22.22	-5.78	14.29	<=34.77	Pass
			0	23.39	-5.78	15.46	<=34.77	Pass
			25	23.26	-5.78	15.33	<=34.77	Pass
		50	49	23.42	-5.78	15.49	<=34.77	Pass
			0	22.21	-5.78	14.28	<=34.77	Pass
			13	21.82	-5.78	13.89	<=34.77	Pass
	711	1	25	22.28	-5.78	14.35	<=34.77	Pass
			0	21.90	-5.78	13.97	<=34.77	Pass
		25	0					
		50						

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	3.27	8.025	0.0115	-2.5 to 2.5	Pass
					3.85	16.694	0.0239	-2.5 to 2.5	Pass
					4.43	7.582	0.0108	-2.5 to 2.5	Pass
				-30	3.85	-6.909	-0.0099	-2.5 to 2.5	Pass
				-20	3.85	-26.536	-0.0379	-2.5 to 2.5	Pass
				-10	3.85	-42.787	-0.0612	-2.5 to 2.5	Pass
				0	3.85	-14.534	-0.0208	-2.5 to 2.5	Pass
				10	3.85	-30.684	-0.0439	-2.5 to 2.5	Pass
				30	3.85	-46.678	-0.0667	-2.5 to 2.5	Pass
				40	3.85	-8.798	-0.0126	-2.5 to 2.5	Pass
				50	3.85	-23.389	-0.0334	-2.5 to 2.5	Pass
	707.5	6	0	20	3.27	-6.151	-0.0087	-2.5 to 2.5	Pass
					3.85	-4.492	-0.0063	-2.5 to 2.5	Pass
					4.43	-9.899	-0.0140	-2.5 to 2.5	Pass
				-30	3.85	-23.417	-0.0331	-2.5 to 2.5	Pass
				-20	3.85	-43.030	-0.0608	-2.5 to 2.5	Pass
				-10	3.85	-6.466	-0.0091	-2.5 to 2.5	Pass
				0	3.85	-20.156	-0.0285	-2.5 to 2.5	Pass
				10	3.85	-32.845	-0.0464	-2.5 to 2.5	Pass
				30	3.85	-42.357	-0.0599	-2.5 to 2.5	Pass
				40	3.85	-5.164	-0.0073	-2.5 to 2.5	Pass
				50	3.85	-11.630	-0.0164	-2.5 to 2.5	Pass
	715.3	6	0	20	3.27	3.562	0.0050	-2.5 to 2.5	Pass
					3.85	-10.142	-0.0142	-2.5 to 2.5	Pass
					4.43	-34.447	-0.0482	-2.5 to 2.5	Pass
				-30	3.85	-14.834	-0.0207	-2.5 to 2.5	Pass
				-20	3.85	-44.746	-0.0626	-2.5 to 2.5	Pass
				-10	3.85	-3.219	-0.0045	-2.5 to 2.5	Pass
				0	3.85	-17.853	-0.0250	-2.5 to 2.5	Pass
				10	3.85	-40.584	-0.0567	-2.5 to 2.5	Pass
				30	3.85	-16.179	-0.0226	-2.5 to 2.5	Pass
				40	3.85	-34.933	-0.0488	-2.5 to 2.5	Pass
16QAM	699.7	6	0	20	3.27	-43.216	-0.0618	-2.5 to 2.5	Pass
					3.85	-2.189	-0.0031	-2.5 to 2.5	Pass
					4.43	-9.055	-0.0129	-2.5 to 2.5	Pass
				-30	3.85	-17.610	-0.0252	-2.5 to 2.5	Pass
				-20	3.85	-21.400	-0.0306	-2.5 to 2.5	Pass
				-10	3.85	-26.793	-0.0383	-2.5 to 2.5	Pass
				0	3.85	-28.553	-0.0408	-2.5 to 2.5	Pass
				10	3.85	-33.159	-0.0474	-2.5 to 2.5	Pass
				30	3.85	-36.836	-0.0526	-2.5 to 2.5	Pass
				40	3.85	-44.317	-0.0633	-2.5 to 2.5	Pass
				50	3.85	-47.464	-0.0678	-2.5 to 2.5	Pass
	707.5	6	0	20	3.27	-27.022	-0.0382	-2.5 to 2.5	Pass
					3.85	-33.917	-0.0479	-2.5 to 2.5	Pass
					4.43	-37.608	-0.0532	-2.5 to 2.5	Pass
				-30	3.85	-40.956	-0.0579	-2.5 to 2.5	Pass
				-20	3.85	-42.930	-0.0607	-2.5 to 2.5	Pass
				-10	3.85	-42.615	-0.0602	-2.5 to 2.5	Pass

				0	3.85	-46.506	-0.0657	-2.5 to 2.5	Pass
				10	3.85	-47.879	-0.0677	-2.5 to 2.5	Pass
				30	3.85	-0.844	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-2.489	-0.0035	-2.5 to 2.5	Pass
				50	3.85	-11.244	-0.0159	-2.5 to 2.5	Pass
	715.3	6	0	20	3.27	-19.112	-0.0267	-2.5 to 2.5	Pass
					3.85	-39.654	-0.0554	-2.5 to 2.5	Pass
					4.43	-8.755	-0.0122	-2.5 to 2.5	Pass
				-30	3.85	-19.641	-0.0275	-2.5 to 2.5	Pass
				-20	3.85	-26.221	-0.0367	-2.5 to 2.5	Pass
				-10	3.85	-37.379	-0.0523	-2.5 to 2.5	Pass
				0	3.85	-44.732	-0.0625	-2.5 to 2.5	Pass
				10	3.85	5.579	0.0078	-2.5 to 2.5	Pass
				30	3.85	2.789	0.0039	-2.5 to 2.5	Pass
				40	3.85	-1.173	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-3.777	-0.0053	-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	3.27	23.317	0.0333	-2.5 to 2.5	Pass
					3.85	27.051	0.0386	-2.5 to 2.5	Pass
					4.43	28.825	0.0411	-2.5 to 2.5	Pass
				-30	3.85	24.633	0.0352	-2.5 to 2.5	Pass
				-20	3.85	17.467	0.0249	-2.5 to 2.5	Pass
				-10	3.85	4.292	0.0061	-2.5 to 2.5	Pass
				0	3.85	-4.878	-0.0070	-2.5 to 2.5	Pass
				10	3.85	-12.832	-0.0183	-2.5 to 2.5	Pass
				30	3.85	-21.544	-0.0308	-2.5 to 2.5	Pass
				40	3.85	-30.370	-0.0434	-2.5 to 2.5	Pass
				50	3.85	-37.537	-0.0536	-2.5 to 2.5	Pass
	707.5	15	0	20	3.27	4.592	0.0065	-2.5 to 2.5	Pass
					3.85	6.995	0.0099	-2.5 to 2.5	Pass
					4.43	-6.967	-0.0098	-2.5 to 2.5	Pass
				-30	3.85	-17.352	-0.0245	-2.5 to 2.5	Pass
				-20	3.85	-32.959	-0.0466	-2.5 to 2.5	Pass
				-10	3.85	-42.272	-0.0597	-2.5 to 2.5	Pass
				0	3.85	-14.763	-0.0209	-2.5 to 2.5	Pass
				10	3.85	-33.474	-0.0473	-2.5 to 2.5	Pass
				30	3.85	-3.562	-0.0050	-2.5 to 2.5	Pass
				40	3.85	-13.990	-0.0198	-2.5 to 2.5	Pass
				50	3.85	-23.460	-0.0332	-2.5 to 2.5	Pass
	714.5	15	0	20	3.27	6.781	0.0095	-2.5 to 2.5	Pass
					3.85	19.526	0.0273	-2.5 to 2.5	Pass
					4.43	30.456	0.0426	-2.5 to 2.5	Pass
				-30	3.85	40.855	0.0572	-2.5 to 2.5	Pass
				-20	3.85	3.548	0.0050	-2.5 to 2.5	Pass
				-10	3.85	-4.678	-0.0065	-2.5 to 2.5	Pass
				0	3.85	-0.801	-0.0011	-2.5 to 2.5	Pass
				10	3.85	4.106	0.0057	-2.5 to 2.5	Pass
				30	3.85	9.413	0.0132	-2.5 to 2.5	Pass
				40	3.85	14.834	0.0208	-2.5 to 2.5	Pass
				50	3.85	19.612	0.0274	-2.5 to 2.5	Pass
16QAM	700.5	15	0	20	3.27	2.546	0.0036	-2.5 to 2.5	Pass
					3.85	-1.988	-0.0028	-2.5 to 2.5	Pass
					4.43	-5.450	-0.0078	-2.5 to 2.5	Pass

				-30	3.85	-7.238	-0.0103	-2.5 to 2.5	Pass
				-20	3.85	-14.777	-0.0211	-2.5 to 2.5	Pass
				-10	3.85	-19.169	-0.0274	-2.5 to 2.5	Pass
				0	3.85	-21.000	-0.0300	-2.5 to 2.5	Pass
				10	3.85	-23.074	-0.0329	-2.5 to 2.5	Pass
				30	3.85	-24.247	-0.0346	-2.5 to 2.5	Pass
				40	3.85	-24.076	-0.0344	-2.5 to 2.5	Pass
				50	3.85	-23.618	-0.0337	-2.5 to 2.5	Pass
	707.5	15	0	20	3.27	-31.958	-0.0452	-2.5 to 2.5	Pass
					3.85	-35.791	-0.0506	-2.5 to 2.5	Pass
					4.43	-40.312	-0.0570	-2.5 to 2.5	Pass
				-30	3.85	-46.206	-0.0653	-2.5 to 2.5	Pass
				-20	3.85	-3.319	-0.0047	-2.5 to 2.5	Pass
				-10	3.85	-7.868	-0.0111	-2.5 to 2.5	Pass
				0	3.85	-20.456	-0.0289	-2.5 to 2.5	Pass
				10	3.85	-18.311	-0.0259	-2.5 to 2.5	Pass
				30	3.85	-18.911	-0.0267	-2.5 to 2.5	Pass
				40	3.85	-18.497	-0.0261	-2.5 to 2.5	Pass
				50	3.85	-19.012	-0.0269	-2.5 to 2.5	Pass
	714.5	15	0	20	3.27	23.775	0.0333	-2.5 to 2.5	Pass
					3.85	27.037	0.0378	-2.5 to 2.5	Pass
					4.43	30.956	0.0433	-2.5 to 2.5	Pass
				-30	3.85	35.234	0.0493	-2.5 to 2.5	Pass
				-20	3.85	26.779	0.0375	-2.5 to 2.5	Pass
				-10	3.85	37.522	0.0525	-2.5 to 2.5	Pass
				0	3.85	39.968	0.0559	-2.5 to 2.5	Pass
				10	3.85	42.515	0.0595	-2.5 to 2.5	Pass
				30	3.85	47.679	0.0667	-2.5 to 2.5	Pass
				40	3.85	49.853	0.0698	-2.5 to 2.5	Pass
				50	3.85	2.260	0.0032	-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	3.27	36.850	0.0525	-2.5 to 2.5	Pass
					3.85	7.882	0.0112	-2.5 to 2.5	Pass
					4.43	8.183	0.0117	-2.5 to 2.5	Pass
				-30	3.85	-1.316	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-9.098	-0.0130	-2.5 to 2.5	Pass
				-10	3.85	-15.435	-0.0220	-2.5 to 2.5	Pass
				0	3.85	-19.326	-0.0275	-2.5 to 2.5	Pass
				10	3.85	-25.349	-0.0361	-2.5 to 2.5	Pass
				30	3.85	-28.610	-0.0408	-2.5 to 2.5	Pass
				40	3.85	-33.903	-0.0483	-2.5 to 2.5	Pass
				50	3.85	-38.724	-0.0552	-2.5 to 2.5	Pass
	707.5	25	0	20	3.27	9.513	0.0134	-2.5 to 2.5	Pass
					3.85	9.270	0.0131	-2.5 to 2.5	Pass
					4.43	2.518	0.0036	-2.5 to 2.5	Pass
				-30	3.85	-12.603	-0.0178	-2.5 to 2.5	Pass
				-20	3.85	-24.819	-0.0351	-2.5 to 2.5	Pass
				-10	3.85	-38.366	-0.0542	-2.5 to 2.5	Pass
				0	3.85	-7.067	-0.0100	-2.5 to 2.5	Pass
				10	3.85	-17.295	-0.0244	-2.5 to 2.5	Pass
				30	3.85	-28.238	-0.0399	-2.5 to 2.5	Pass
				40	3.85	-37.880	-0.0535	-2.5 to 2.5	Pass
				50	3.85	-21.014	-0.0297	-2.5 to 2.5	Pass

	713.5	25	0	20	3.27	5.651	0.0079	-2.5 to 2.5	Pass
					3.85	15.407	0.0216	-2.5 to 2.5	Pass
					4.43	24.848	0.0348	-2.5 to 2.5	Pass
				-30	3.85	26.593	0.0373	-2.5 to 2.5	Pass
				-20	3.85	33.174	0.0465	-2.5 to 2.5	Pass
				-10	3.85	38.080	0.0534	-2.5 to 2.5	Pass
				0	3.85	42.658	0.0598	-2.5 to 2.5	Pass
				10	3.85	45.733	0.0641	-2.5 to 2.5	Pass
				30	3.85	42.315	0.0593	-2.5 to 2.5	Pass
				40	3.85	3.033	0.0043	-2.5 to 2.5	Pass
				50	3.85	5.951	0.0083	-2.5 to 2.5	Pass
16QAM	701.5	25	0	20	3.27	-44.274	-0.0631	-2.5 to 2.5	Pass
					3.85	-46.620	-0.0665	-2.5 to 2.5	Pass
					4.43	-45.991	-0.0656	-2.5 to 2.5	Pass
				-30	3.85	-39.310	-0.0560	-2.5 to 2.5	Pass
				-20	3.85	-12.088	-0.0172	-2.5 to 2.5	Pass
				-10	3.85	-11.158	-0.0159	-2.5 to 2.5	Pass
				0	3.85	-13.404	-0.0191	-2.5 to 2.5	Pass
				10	3.85	-12.860	-0.0183	-2.5 to 2.5	Pass
				30	3.85	-11.716	-0.0167	-2.5 to 2.5	Pass
				40	3.85	-10.757	-0.0153	-2.5 to 2.5	Pass
				50	3.85	-10.486	-0.0149	-2.5 to 2.5	Pass
	707.5	25	0	20	3.27	-2.804	-0.0040	-2.5 to 2.5	Pass
					3.85	-9.556	-0.0135	-2.5 to 2.5	Pass
					4.43	-15.078	-0.0213	-2.5 to 2.5	Pass
				-30	3.85	-26.350	-0.0372	-2.5 to 2.5	Pass
				-20	3.85	-28.009	-0.0396	-2.5 to 2.5	Pass
				-10	3.85	-31.815	-0.0450	-2.5 to 2.5	Pass
				0	3.85	-30.556	-0.0432	-2.5 to 2.5	Pass
				10	3.85	-30.527	-0.0431	-2.5 to 2.5	Pass
				30	3.85	-30.241	-0.0427	-2.5 to 2.5	Pass
				40	3.85	-31.600	-0.0447	-2.5 to 2.5	Pass
				50	3.85	-35.748	-0.0505	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	9.828	0.0138	-2.5 to 2.5	Pass
					3.85	15.464	0.0217	-2.5 to 2.5	Pass
					4.43	11.144	0.0156	-2.5 to 2.5	Pass
				-30	3.85	13.947	0.0195	-2.5 to 2.5	Pass
				-20	3.85	16.937	0.0237	-2.5 to 2.5	Pass
				-10	3.85	21.243	0.0298	-2.5 to 2.5	Pass
				0	3.85	25.792	0.0361	-2.5 to 2.5	Pass
				10	3.85	29.511	0.0414	-2.5 to 2.5	Pass
				30	3.85	31.128	0.0436	-2.5 to 2.5	Pass
				40	3.85	31.357	0.0439	-2.5 to 2.5	Pass
				50	3.85	33.889	0.0475	-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	3.27	1.116	0.0016	-2.5 to 2.5	Pass
					3.85	12.732	0.0181	-2.5 to 2.5	Pass
					4.43	6.723	0.0095	-2.5 to 2.5	Pass
				-30	3.85	-6.065	-0.0086	-2.5 to 2.5	Pass
				-20	3.85	-20.556	-0.0292	-2.5 to 2.5	Pass
				-10	3.85	-33.774	-0.0480	-2.5 to 2.5	Pass
				0	3.85	-45.648	-0.0648	-2.5 to 2.5	Pass
				10	3.85	-2.990	-0.0042	-2.5 to 2.5	Pass

				30	3.85	-21.772	-0.0309	-2.5 to 2.5	Pass
				40	3.85	-25.034	-0.0356	-2.5 to 2.5	Pass
				50	3.85	-40.298	-0.0572	-2.5 to 2.5	Pass
	707.5	50	0	20	3.27	1.144	0.0016	-2.5 to 2.5	Pass
					3.85	6.022	0.0085	-2.5 to 2.5	Pass
					4.43	-2.246	-0.0032	-2.5 to 2.5	Pass
				-30	3.85	-15.707	-0.0222	-2.5 to 2.5	Pass
				-20	3.85	-31.285	-0.0442	-2.5 to 2.5	Pass
				-10	3.85	-42.915	-0.0607	-2.5 to 2.5	Pass
				0	3.85	-9.255	-0.0131	-2.5 to 2.5	Pass
				10	3.85	-16.952	-0.0240	-2.5 to 2.5	Pass
				30	3.85	-24.519	-0.0347	-2.5 to 2.5	Pass
				40	3.85	-30.885	-0.0437	-2.5 to 2.5	Pass
				50	3.85	-37.022	-0.0523	-2.5 to 2.5	Pass
	711	50	0	20	3.27	15.178	0.0213	-2.5 to 2.5	Pass
					3.85	18.268	0.0257	-2.5 to 2.5	Pass
					4.43	20.099	0.0283	-2.5 to 2.5	Pass
				-30	3.85	16.766	0.0236	-2.5 to 2.5	Pass
				-20	3.85	7.224	0.0102	-2.5 to 2.5	Pass
				-10	3.85	1.903	0.0027	-2.5 to 2.5	Pass
				0	3.85	1.302	0.0018	-2.5 to 2.5	Pass
				10	3.85	-0.844	-0.0012	-2.5 to 2.5	Pass
				30	3.85	1.116	0.0016	-2.5 to 2.5	Pass
				40	3.85	-0.143	-0.0002	-2.5 to 2.5	Pass
				50	3.85	-10.171	-0.0143	-2.5 to 2.5	Pass
16QAM	704	50	0	20	3.27	-2.804	-0.0040	-2.5 to 2.5	Pass
					3.85	1.602	0.0023	-2.5 to 2.5	Pass
					4.43	6.666	0.0095	-2.5 to 2.5	Pass
				-30	3.85	8.240	0.0117	-2.5 to 2.5	Pass
				-20	3.85	12.846	0.0182	-2.5 to 2.5	Pass
				-10	3.85	20.370	0.0289	-2.5 to 2.5	Pass
				0	3.85	25.034	0.0356	-2.5 to 2.5	Pass
				10	3.85	30.885	0.0439	-2.5 to 2.5	Pass
				30	3.85	34.876	0.0495	-2.5 to 2.5	Pass
				40	3.85	39.654	0.0563	-2.5 to 2.5	Pass
				50	3.85	34.218	0.0486	-2.5 to 2.5	Pass
	707.5	50	0	20	3.27	-37.580	-0.0531	-2.5 to 2.5	Pass
					3.85	-0.701	-0.0010	-2.5 to 2.5	Pass
					4.43	-8.583	-0.0121	-2.5 to 2.5	Pass
				-30	3.85	-11.759	-0.0166	-2.5 to 2.5	Pass
				-20	3.85	-6.065	-0.0086	-2.5 to 2.5	Pass
				-10	3.85	1.631	0.0023	-2.5 to 2.5	Pass
				0	3.85	6.909	0.0098	-2.5 to 2.5	Pass
				10	3.85	10.085	0.0143	-2.5 to 2.5	Pass
				30	3.85	12.674	0.0179	-2.5 to 2.5	Pass
				40	3.85	13.146	0.0186	-2.5 to 2.5	Pass
				50	3.85	17.037	0.0241	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-12.603	-0.0177	-2.5 to 2.5	Pass
					3.85	-7.339	-0.0103	-2.5 to 2.5	Pass
					4.43	0.715	0.0010	-2.5 to 2.5	Pass
				-30	3.85	10.600	0.0149	-2.5 to 2.5	Pass
				-20	3.85	17.567	0.0247	-2.5 to 2.5	Pass
				-10	3.85	6.051	0.0085	-2.5 to 2.5	Pass
				0	3.85	4.778	0.0067	-2.5 to 2.5	Pass
				10	3.85	9.270	0.0130	-2.5 to 2.5	Pass
				30	3.85	16.537	0.0233	-2.5 to 2.5	Pass
				40	3.85	23.603	0.0332	-2.5 to 2.5	Pass
				50	3.85	27.680	0.0389	-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 / NTV						
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

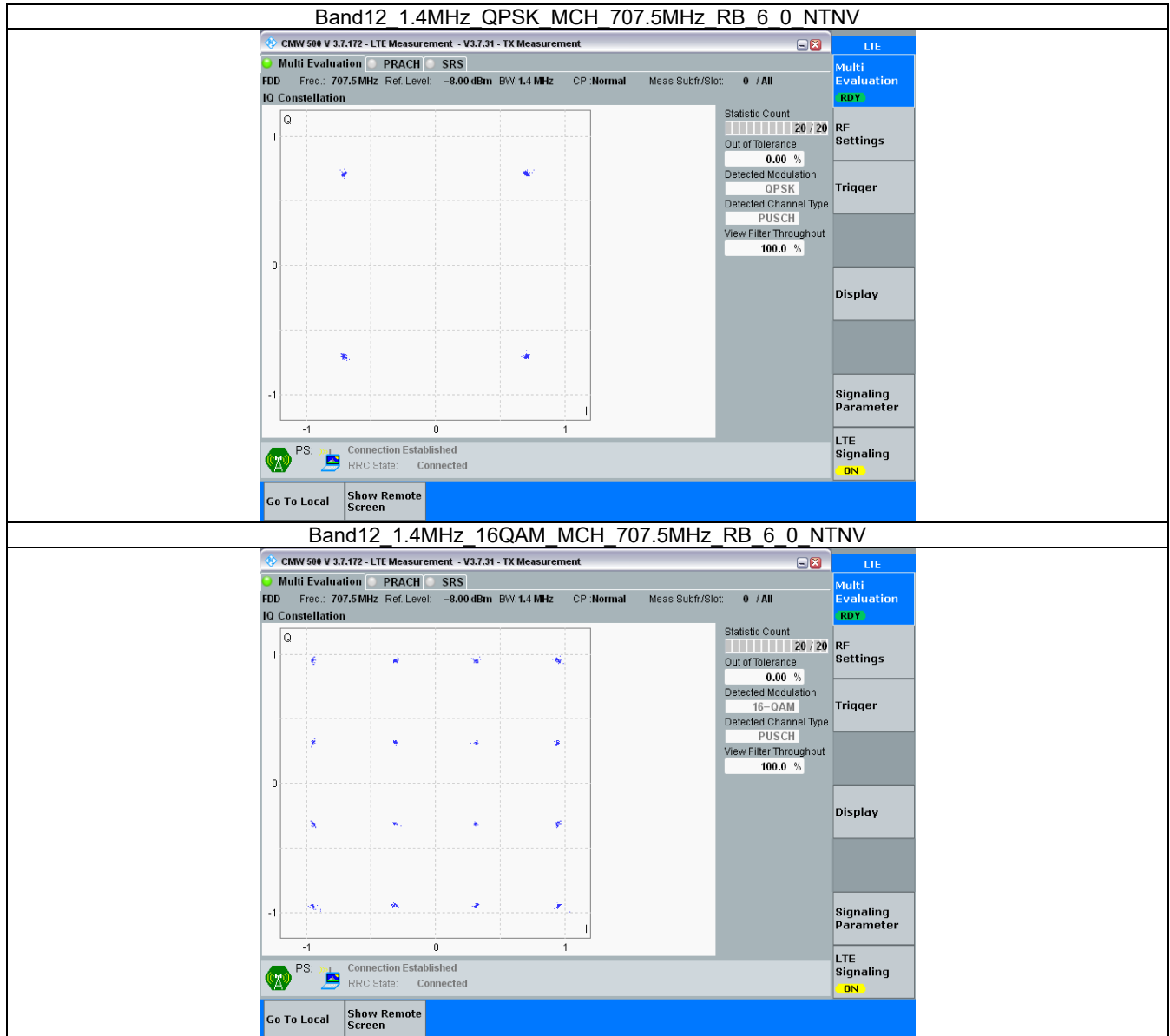
Band: 12 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	707.5	25	0	Refer To Test Graph		Pass
16QAM	707.5	25	0	Refer To Test Graph		Pass

3.1.4 B12_10MHz

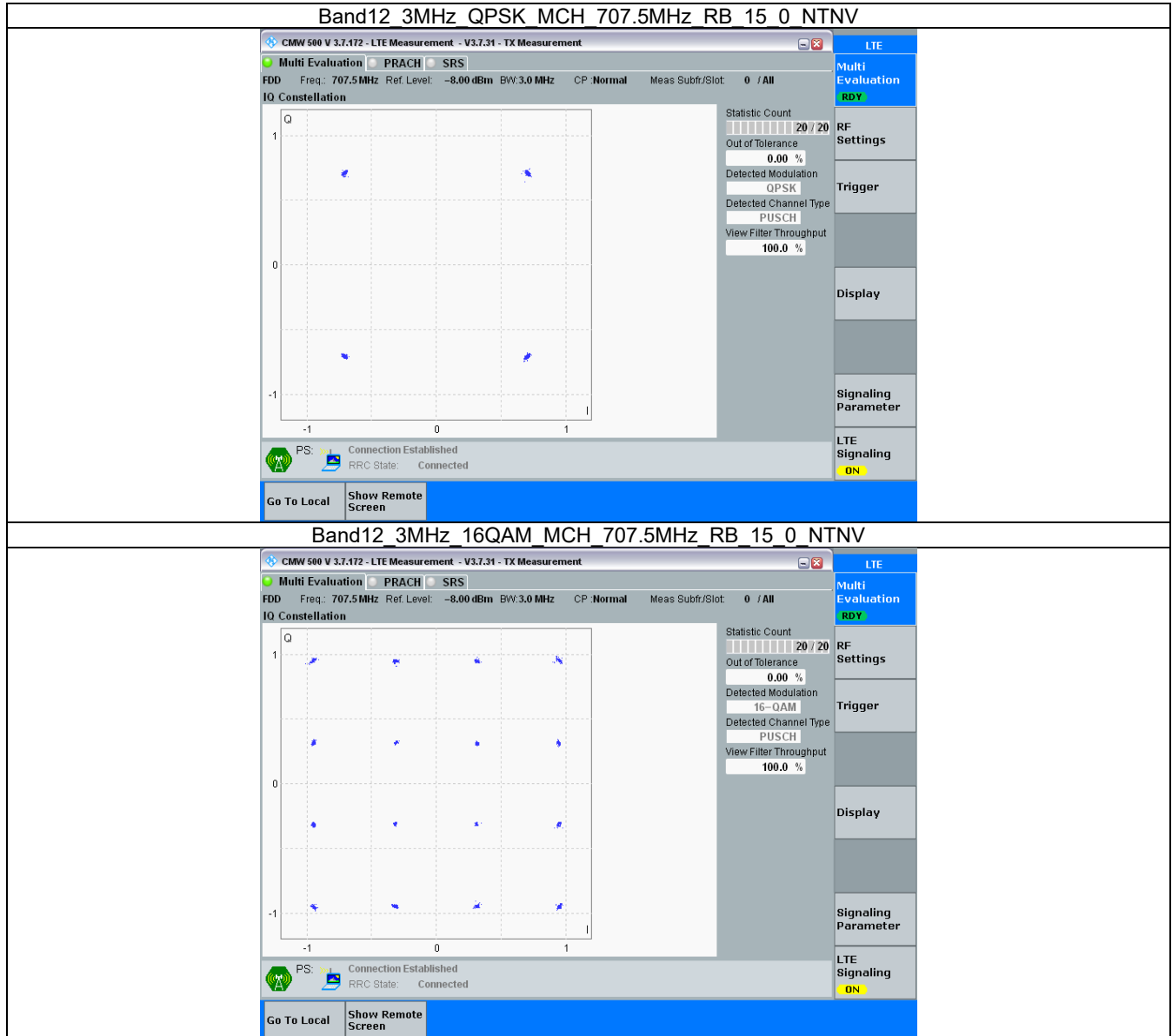
Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	707.5	50	0	Refer To Test Graph		Pass
16QAM	707.5	50	0	Refer To Test Graph		Pass

3.2 Test Graph

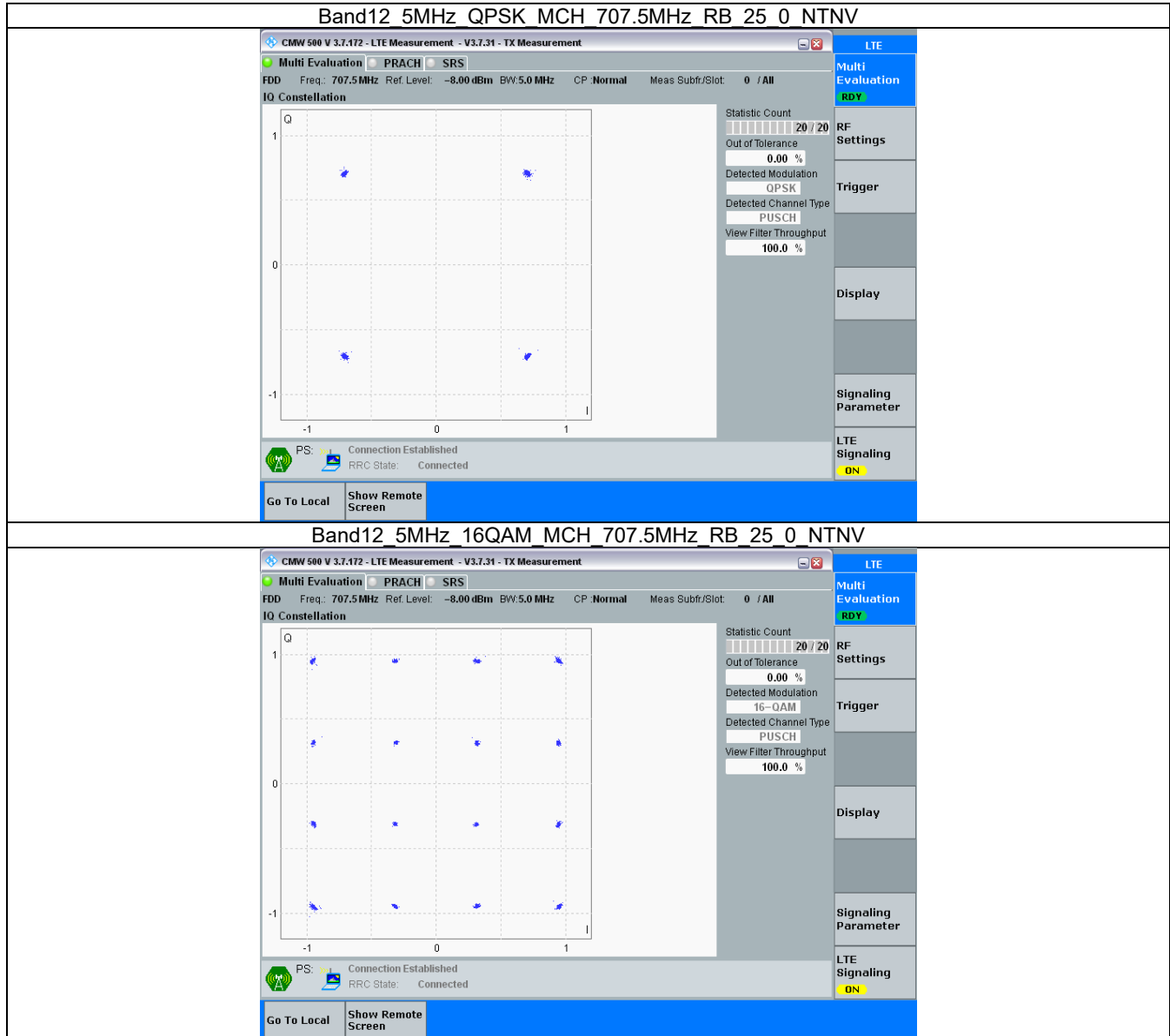
3.2.1 B12_1.4MHz



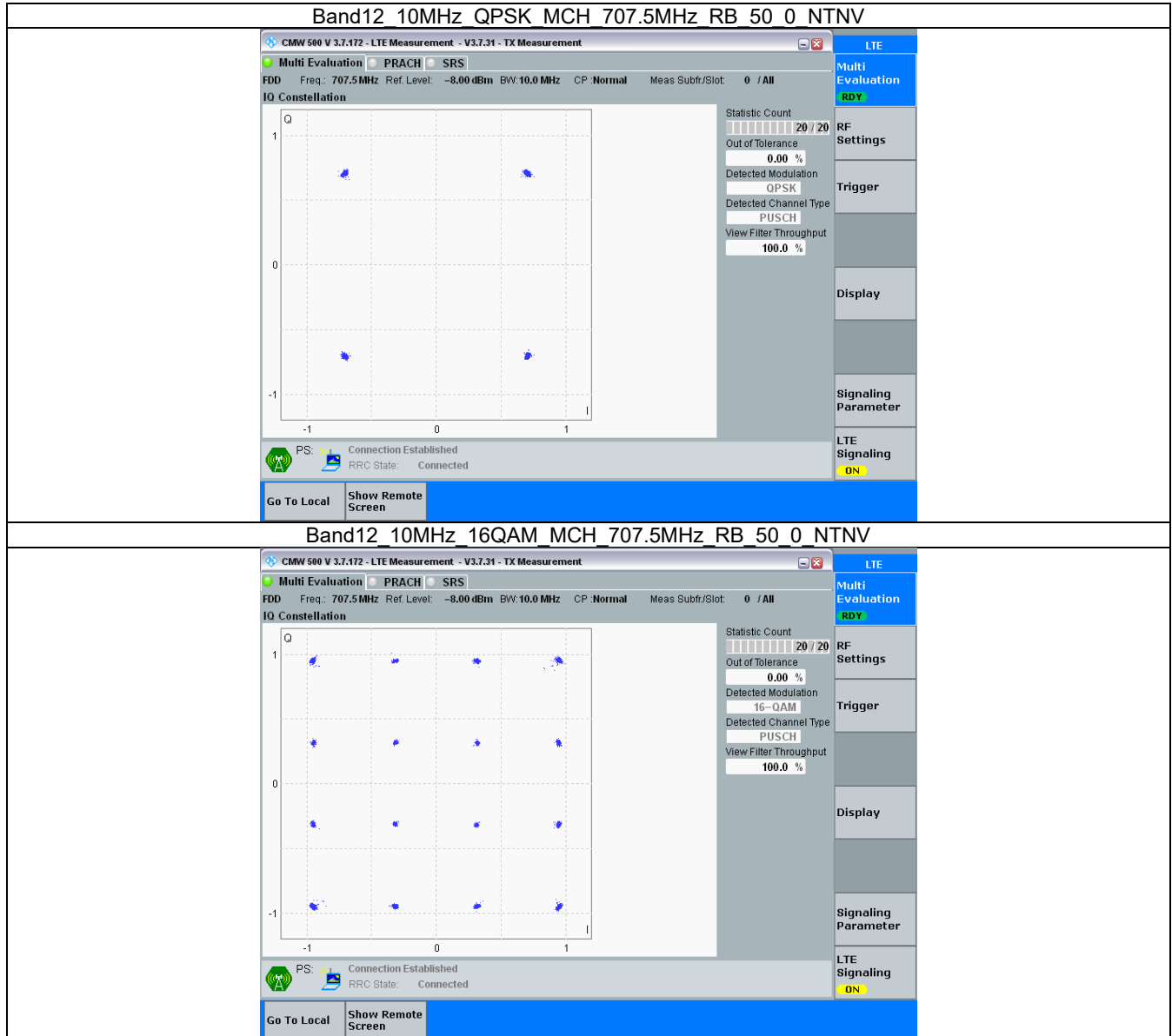
3.2.2 B12_3MHz



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	1.113	/	Pass
		707.5	6	0	1.112	/	Pass
		715.3	6	0	1.111	/	Pass
	16QAM	699.7	6	0	1.113	/	Pass
		707.5	6	0	1.111	/	Pass
		715.3	6	0	1.124	/	Pass
3	QPSK	700.5	15	0	2.757	/	Pass
		707.5	15	0	2.766	/	Pass
		714.5	15	0	2.749	/	Pass
	16QAM	700.5	15	0	2.750	/	Pass
		707.5	15	0	2.755	/	Pass
		714.5	15	0	2.751	/	Pass
5	QPSK	701.5	25	0	4.558	/	Pass
		707.5	25	0	4.552	/	Pass
		713.5	25	0	4.548	/	Pass
	16QAM	701.5	25	0	4.543	/	Pass
		707.5	25	0	4.561	/	Pass
		713.5	25	0	4.548	/	Pass
10	QPSK	704	50	0	9.026	/	Pass
		707.5	50	0	9.104	/	Pass
		711	50	0	9.048	/	Pass
	16QAM	704	50	0	9.026	/	Pass
		707.5	50	0	9.062	/	Pass
		711	50	0	9.066	/	Pass

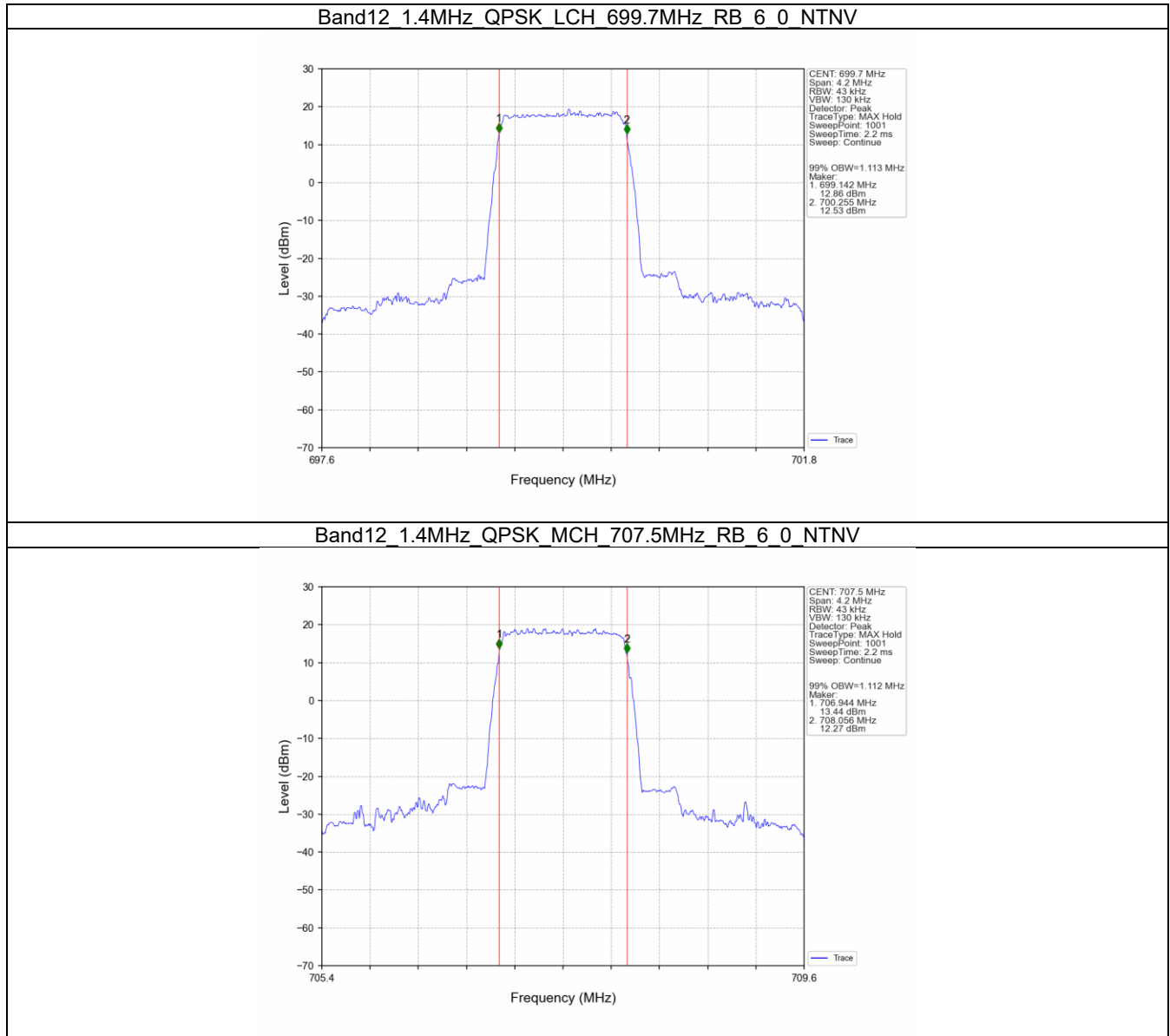
4.1.2 Band12_XDB

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	1.266	/	Pass
		707.5	6	0	1.274	/	Pass
		715.3	6	0	1.267	/	Pass
	16QAM	699.7	6	0	1.274	/	Pass
		707.5	6	0	1.264	/	Pass
		715.3	6	0	1.264	/	Pass
3	QPSK	700.5	15	0	3.094	/	Pass
		707.5	15	0	3.099	/	Pass
		714.5	15	0	3.100	/	Pass
	16QAM	700.5	15	0	3.073	/	Pass
		707.5	15	0	3.130	/	Pass
		714.5	15	0	3.095	/	Pass
5	QPSK	701.5	25	0	5.050	/	Pass
		707.5	25	0	4.937	/	Pass
		713.5	25	0	5.069	/	Pass

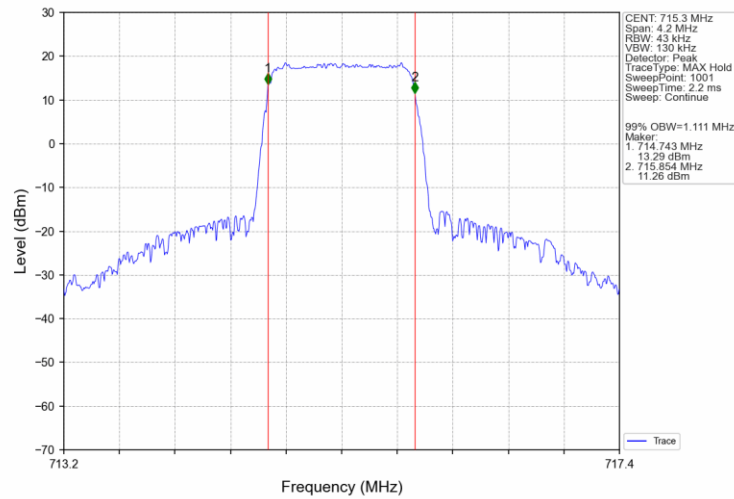
10	16QAM	701.5	25	0	5.028	/	Pass
		707.5	25	0	5.065	/	Pass
		713.5	25	0	5.089	/	Pass
	QPSK	704	50	0	10.011	/	Pass
		707.5	50	0	10.058	/	Pass
		711	50	0	9.972	/	Pass
	16QAM	704	50	0	9.962	/	Pass
		707.5	50	0	10.054	/	Pass
		711	50	0	10.042	/	Pass

4.2 Test Graph

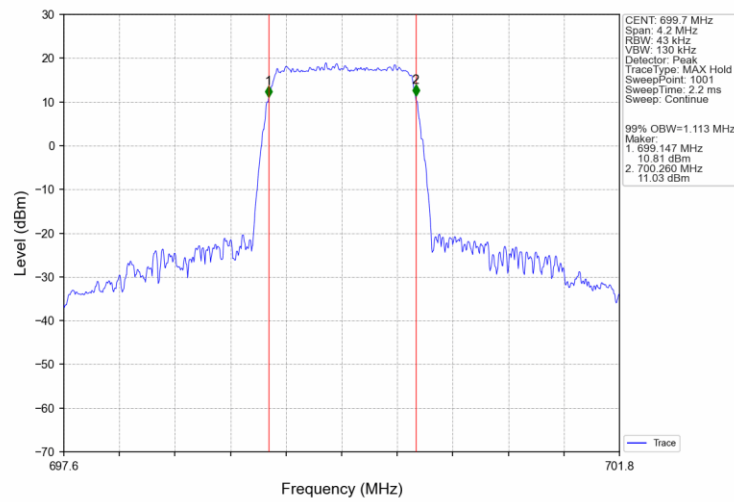
4.2.1 Band12_OBW



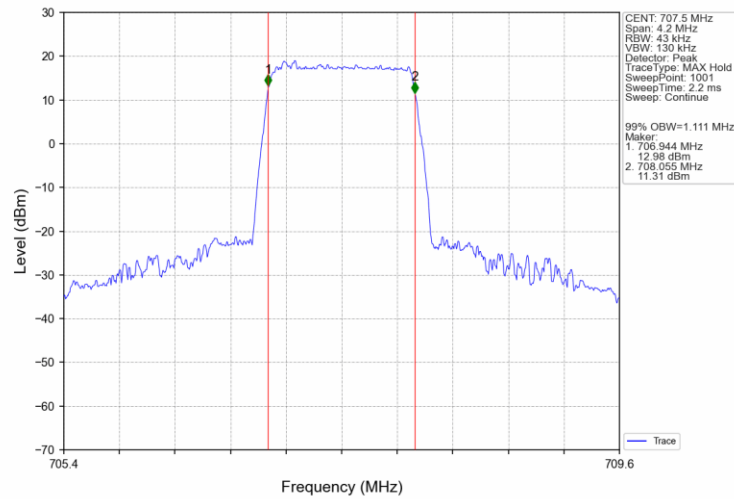
Band12 1.4MHz QPSK HCH 715.3MHz RB 6 0 NTV



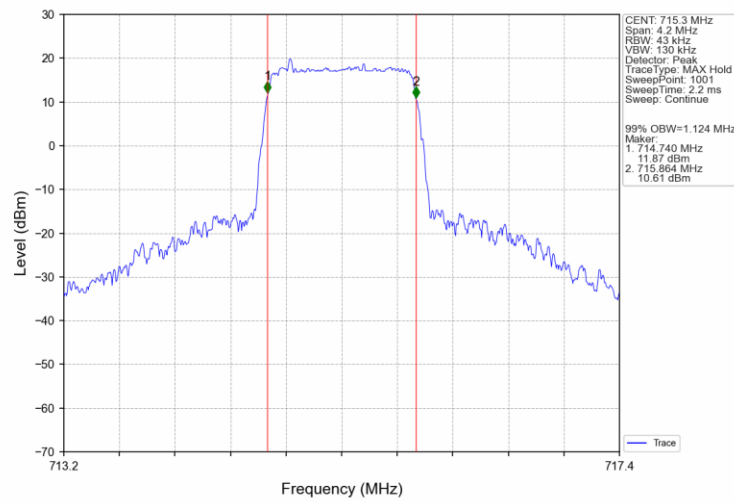
Band12 1.4MHz 16QAM LCH 699.7MHz RB 6 0 NTV



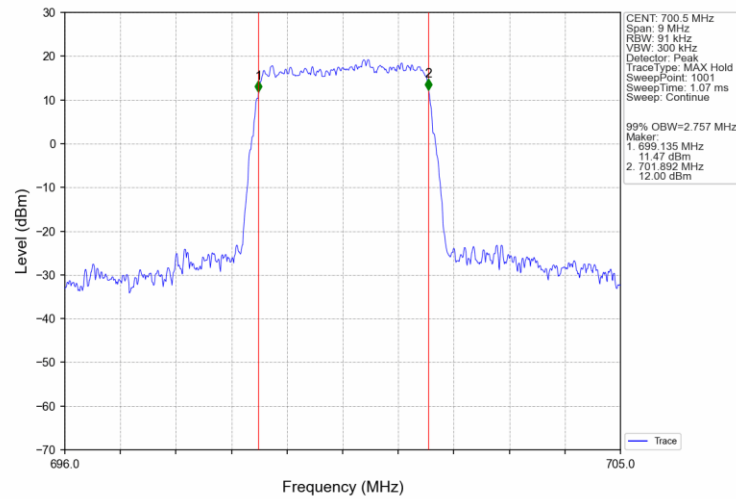
Band12 1.4MHz 16QAM MCH 707.5MHz RB 6 0 NTNV



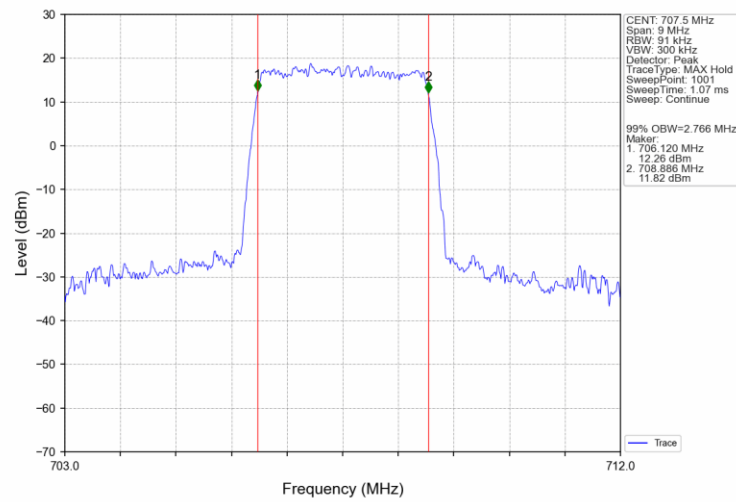
Band12 1.4MHz 16QAM HCH 715.3MHz RB 6 0 NTNV



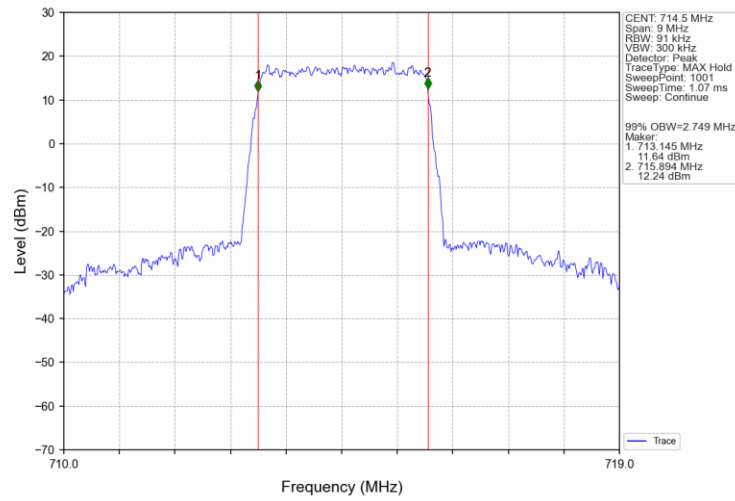
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



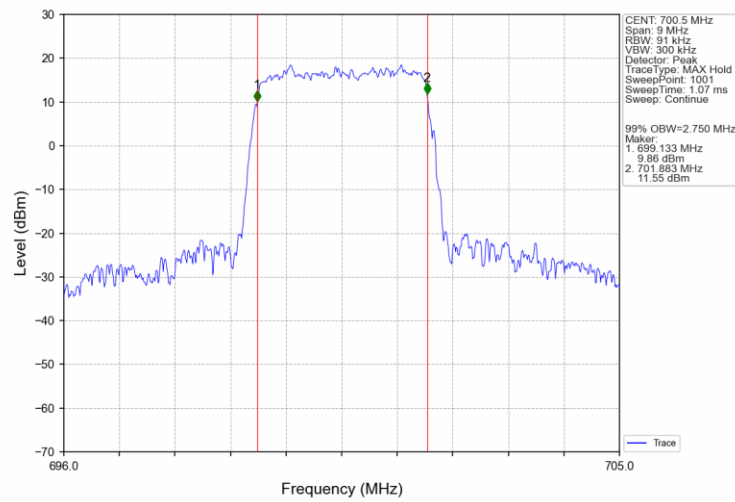
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



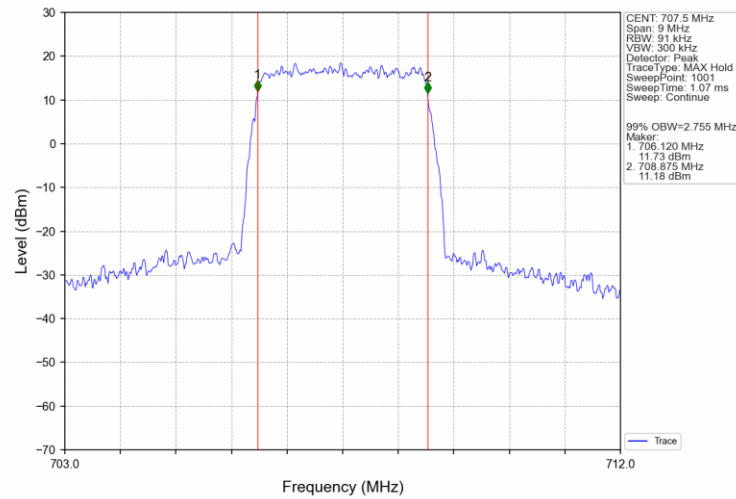
Band12 3MHz QPSK HCH 714.5MHz RB 15 0 NTV



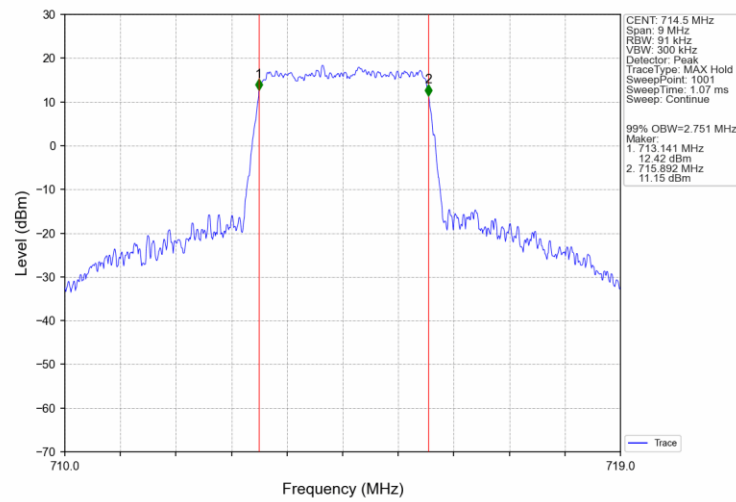
Band12 3MHz 16QAM LCH 700.5MHz RB 15 0 NTV



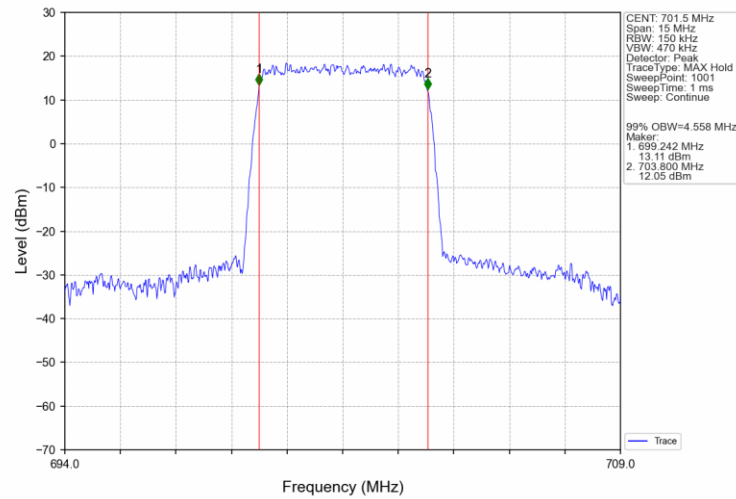
Band12 3MHz 16QAM MCH 707.5MHz RB 15 0 NTNV



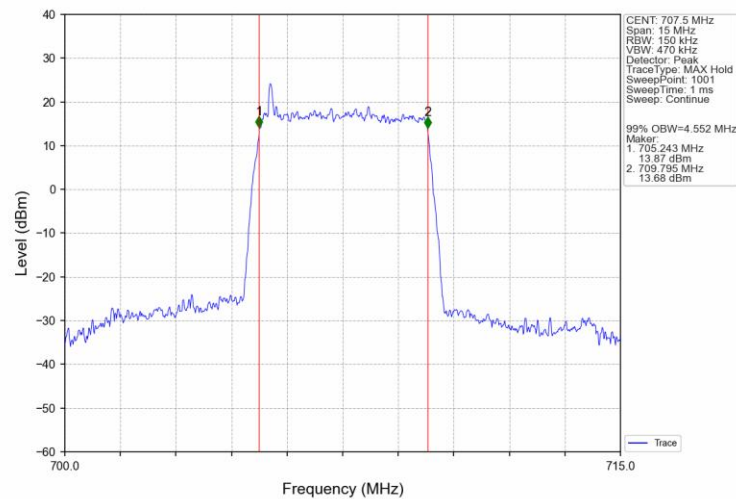
Band12 3MHz 16QAM HCH 714.5MHz RB 15 0 NTNV



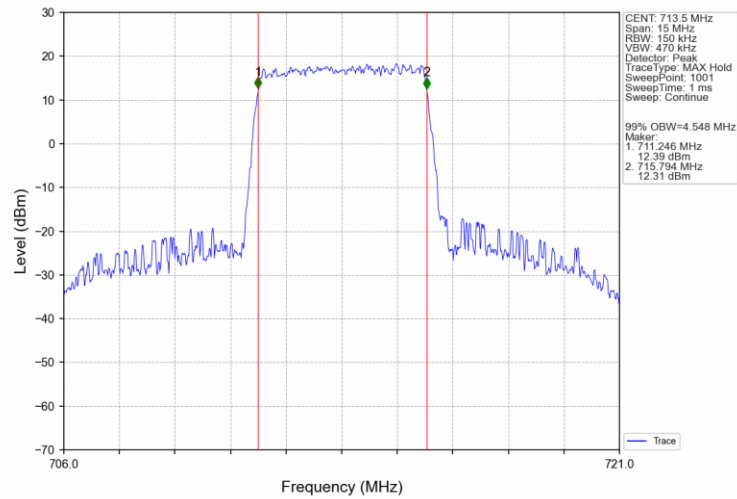
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



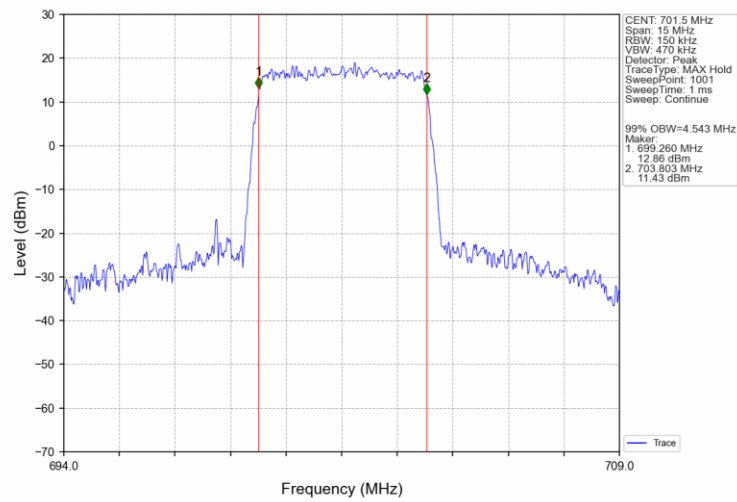
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



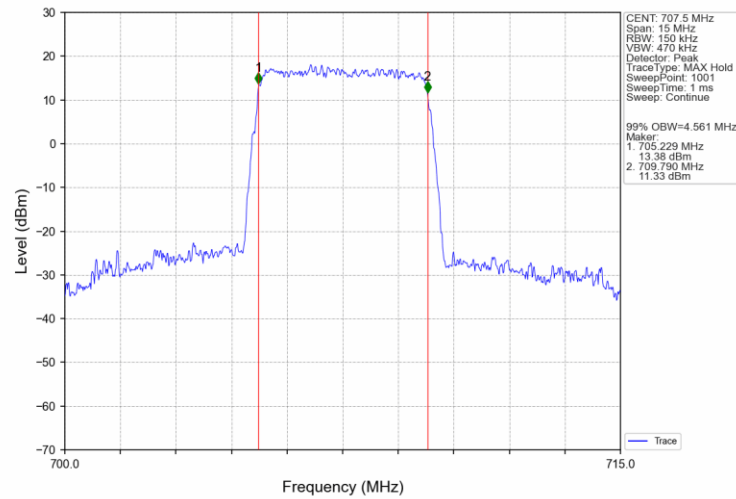
Band12 5MHz QPSK HCH 713.5MHz RB 25 0 NTV



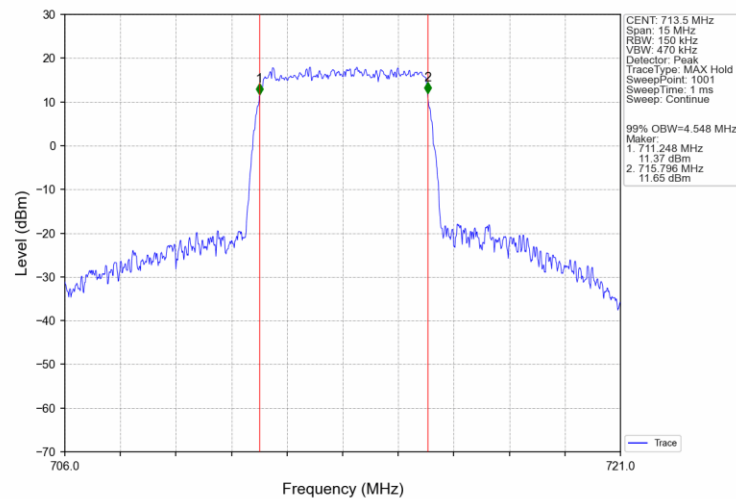
Band12 5MHz 16QAM LCH 701.5MHz RB 25 0 NTV



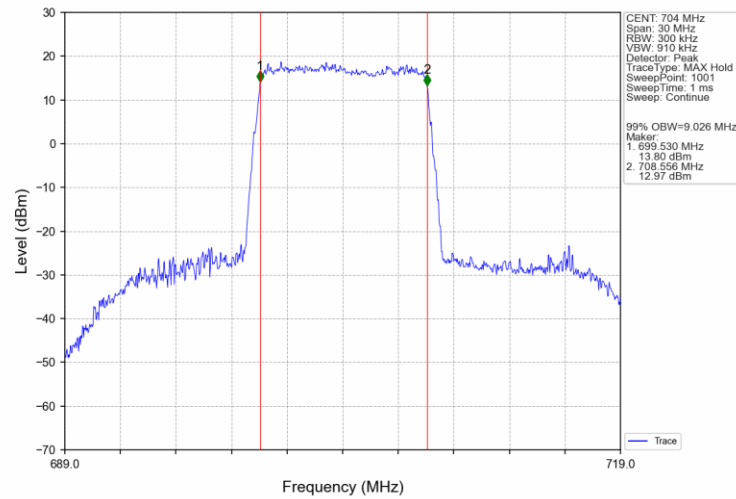
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



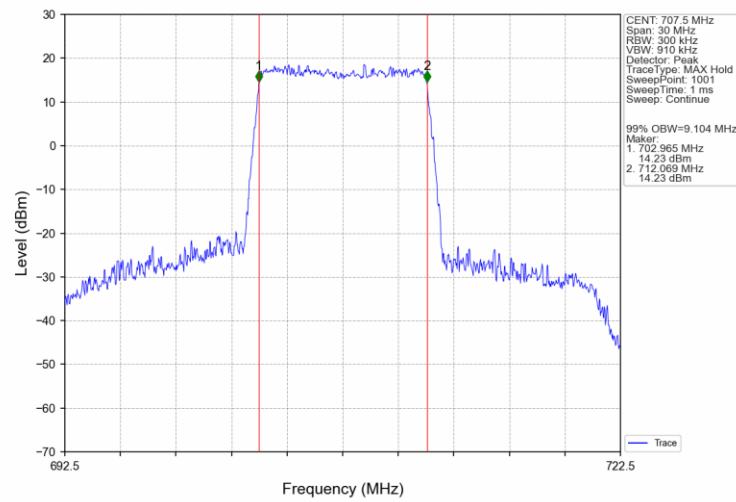
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



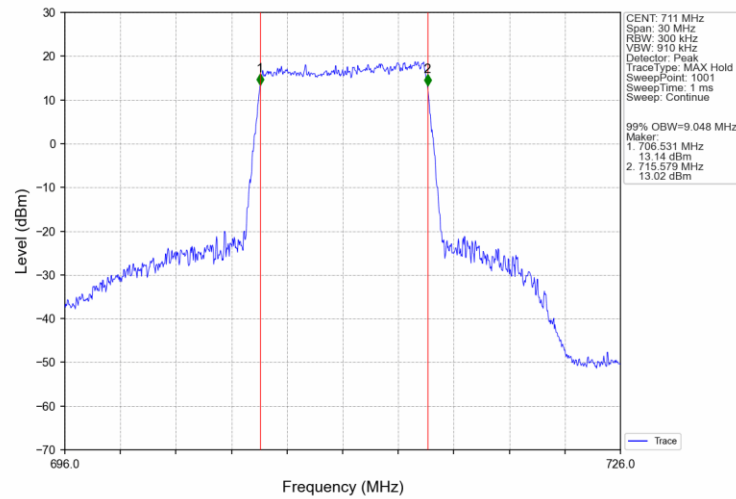
Band12 10MHz QPSK LCH 704MHz RB 50 0 NTN



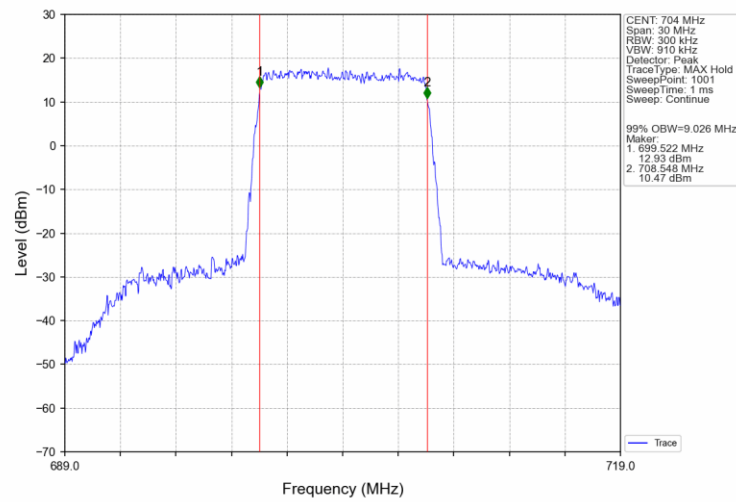
Band12 10MHz QPSK MCH 707.5MHz RB 50 0 NTN



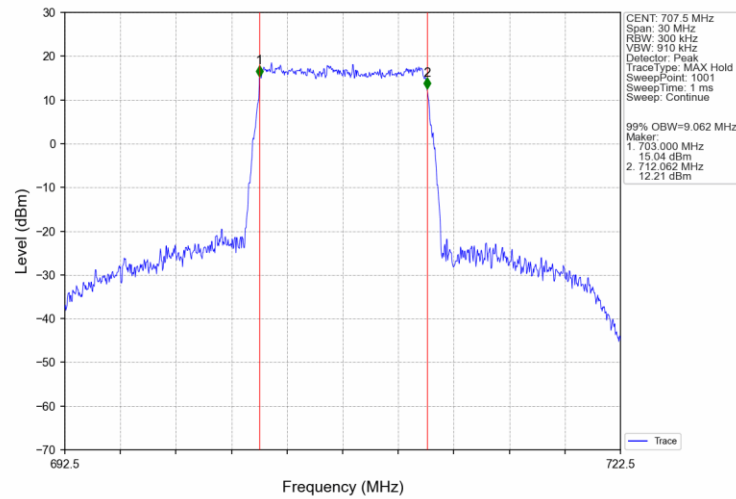
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



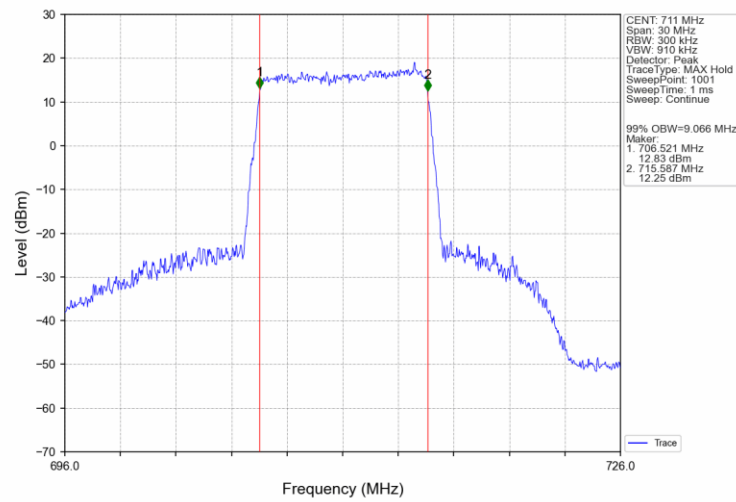
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



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

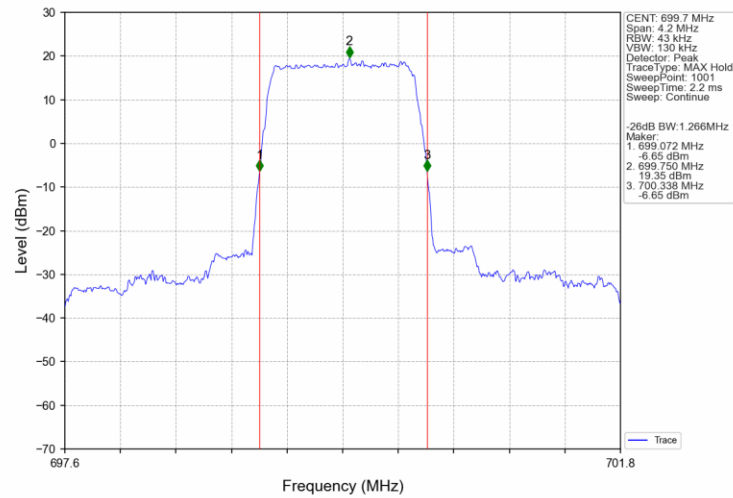


Band12 10MHz 16QAM HCH 711MHz RB 50 0 NTN

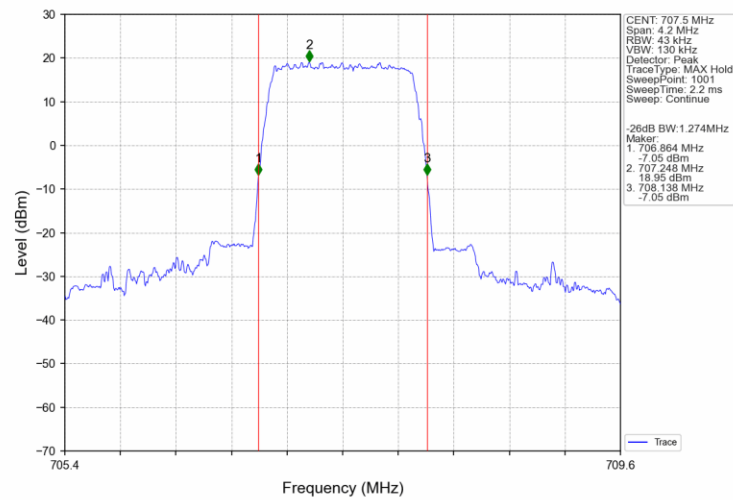


4.2.2 Band12_XDB

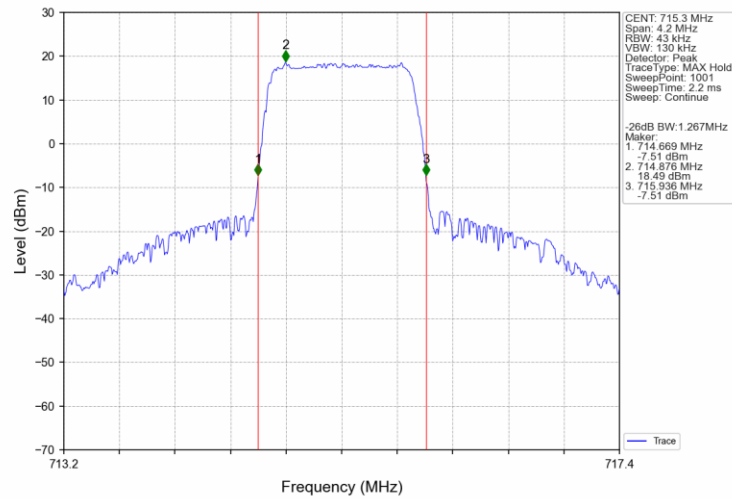
Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV



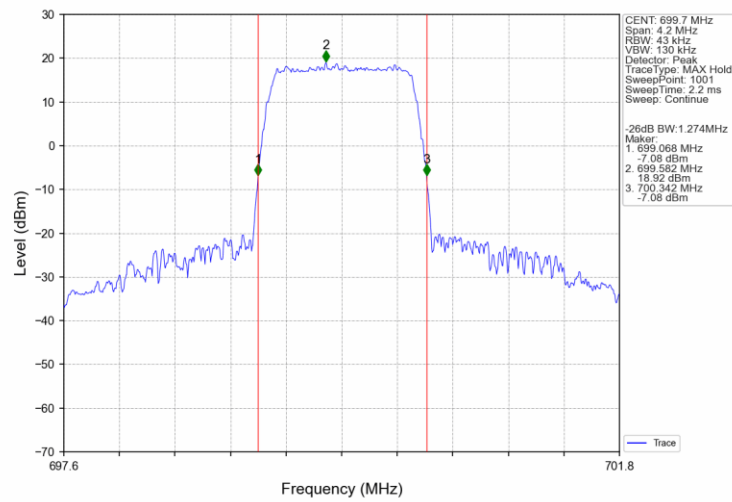
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_6_0_NTNV



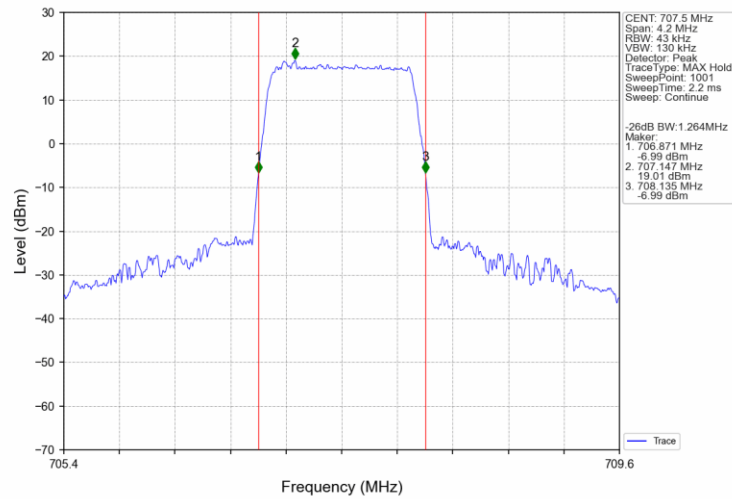
Band12 1.4MHz QPSK HCH 715.3MHz RB 6 0 NTV



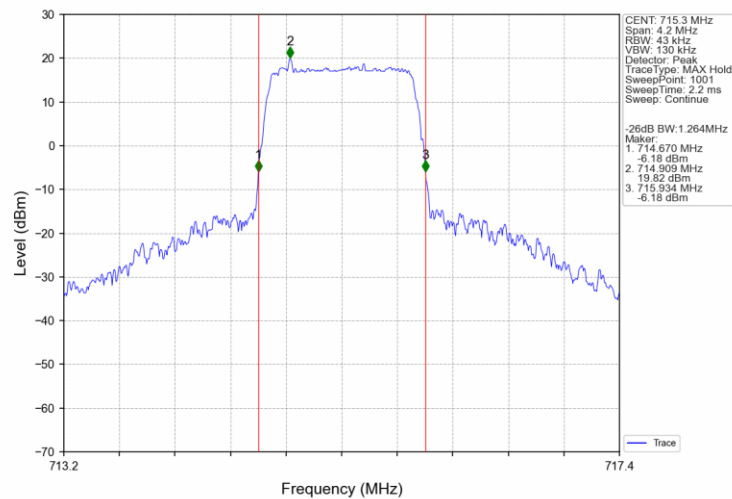
Band12 1.4MHz 16QAM LCH 699.7MHz RB 6 0 NTV



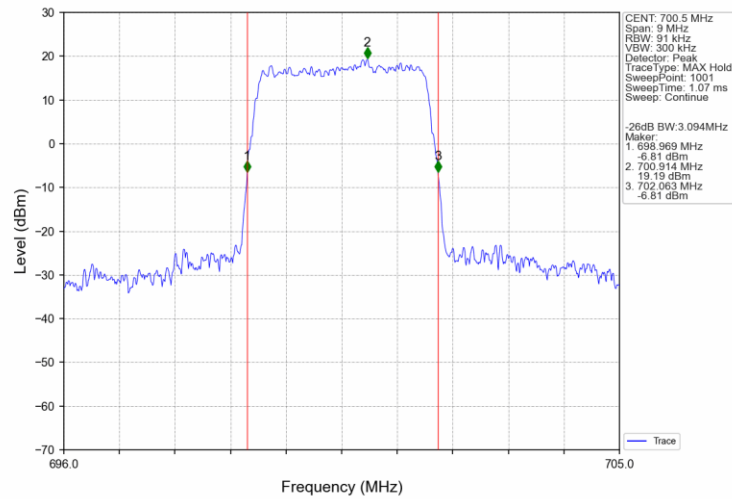
Band12 1.4MHz 16QAM MCH 707.5MHz RB 6 0 NTN



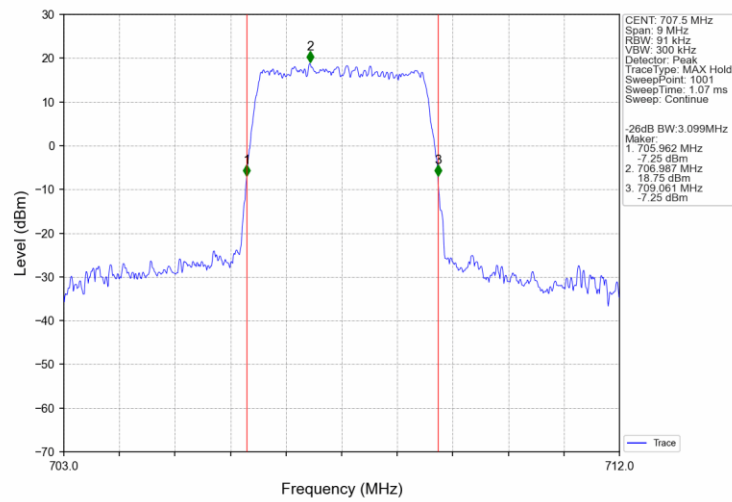
Band12 1.4MHz 16QAM HCH 715.3MHz RB 6 0 NTN



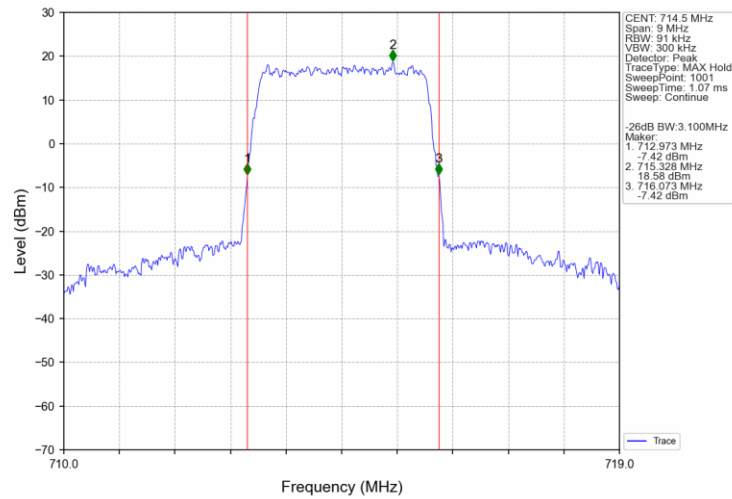
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



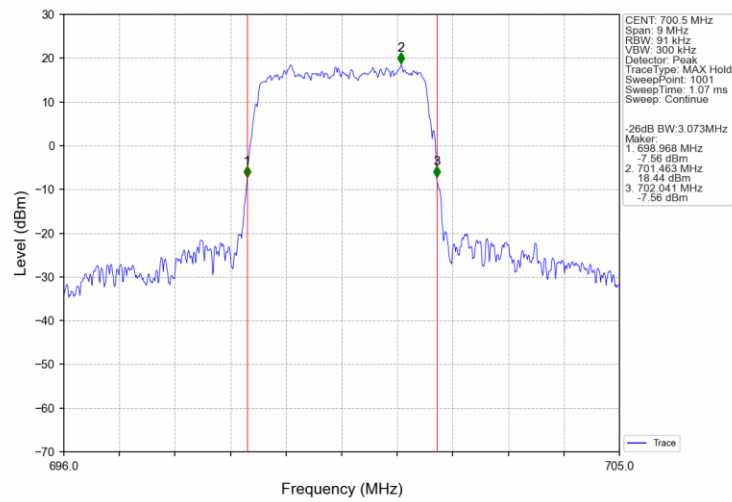
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



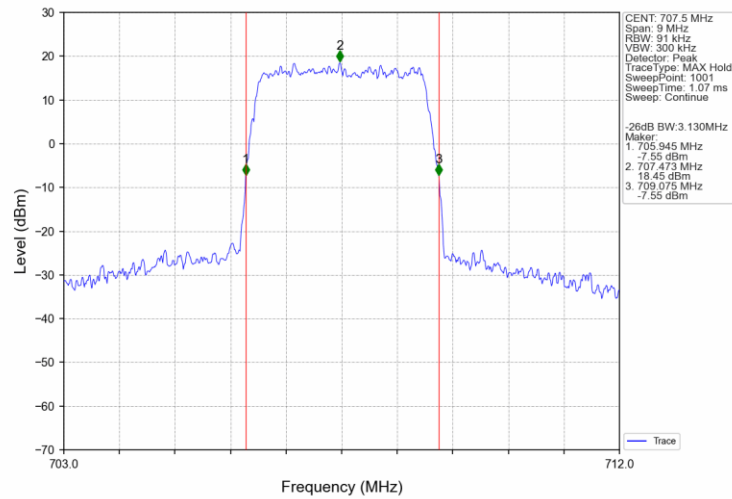
Band12 3MHz QPSK HCH 714.5MHz RB 15 0 NTV



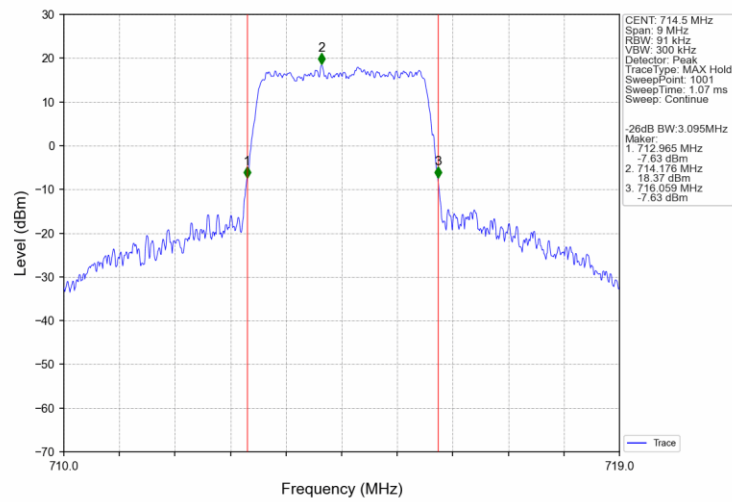
Band12 3MHz 16QAM LCH 700.5MHz RB 15 0 NTV



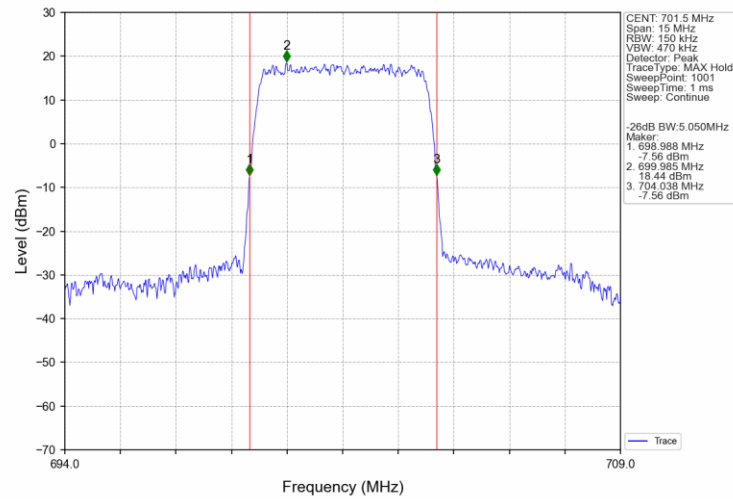
Band12 3MHz 16QAM MCH 707.5MHz RB 15 0 NTNV



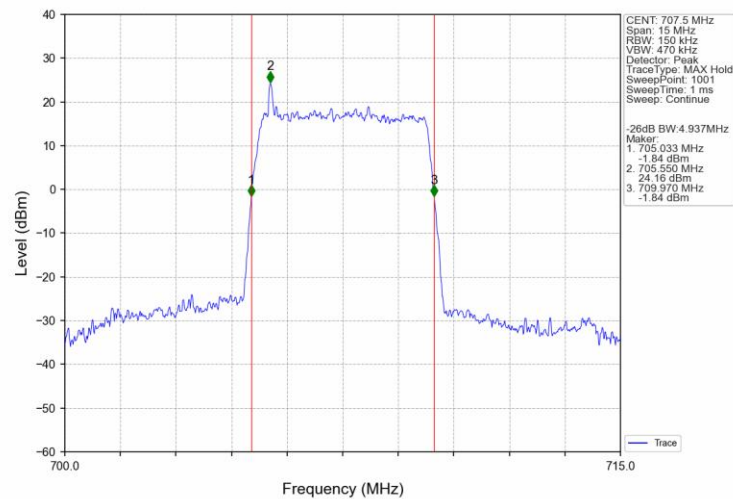
Band12 3MHz 16QAM HCH 714.5MHz RB 15 0 NTNV



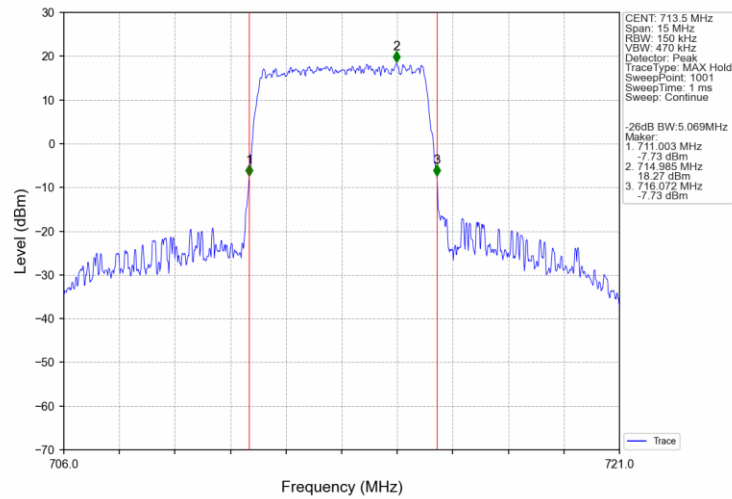
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



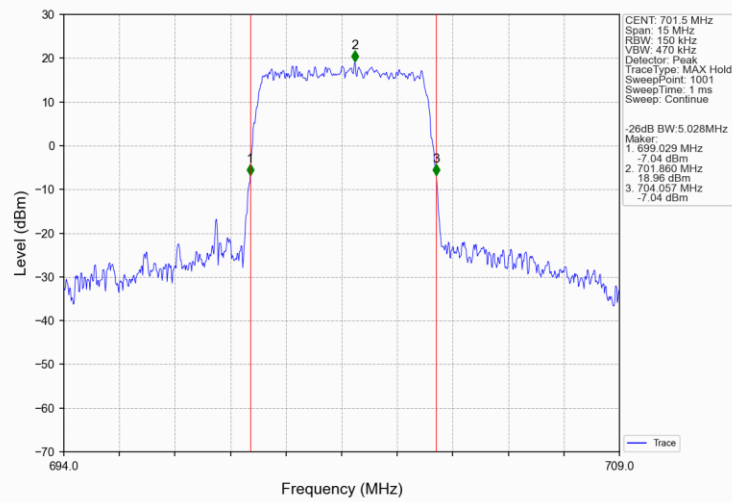
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



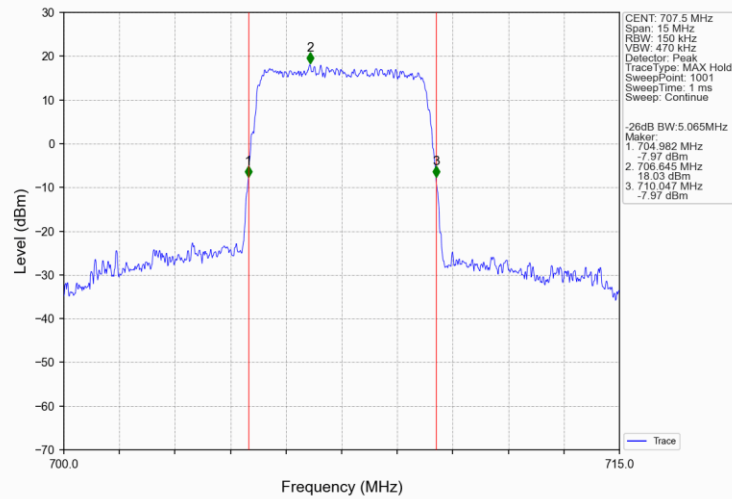
Band12 5MHz QPSK HCH 713.5MHz RB 25 0 NTV



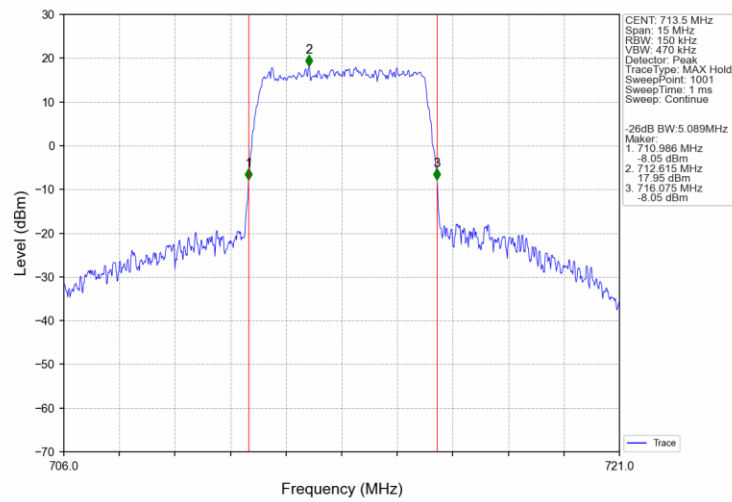
Band12 5MHz 16QAM LCH 701.5MHz RB 25 0 NTV



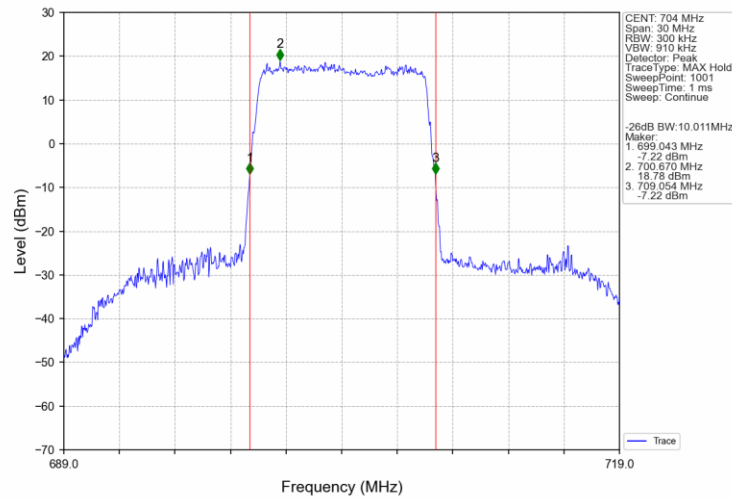
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



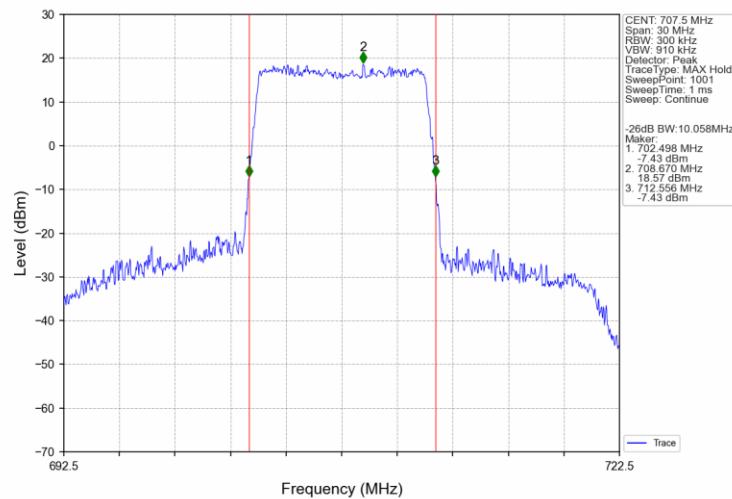
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



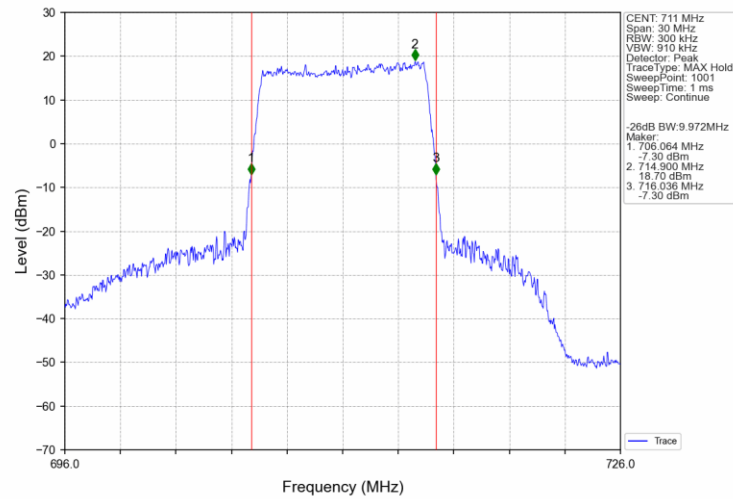
Band12 10MHz QPSK LCH 704MHz RB 50 0 NTN



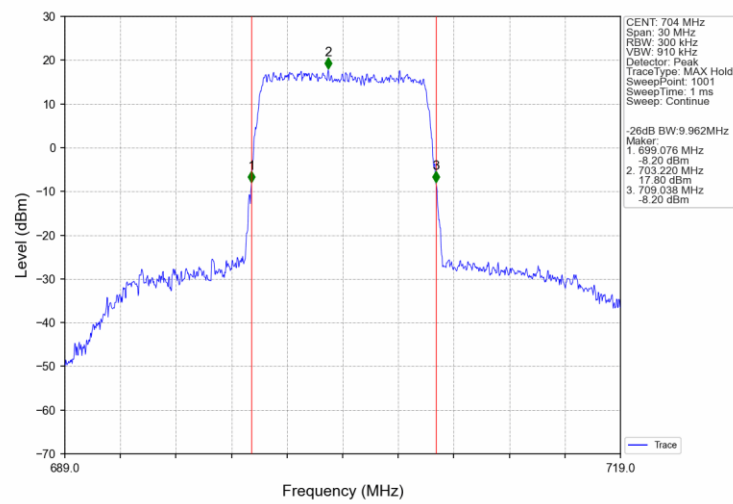
Band12 10MHz QPSK MCH 707.5MHz RB 50 0 NTN



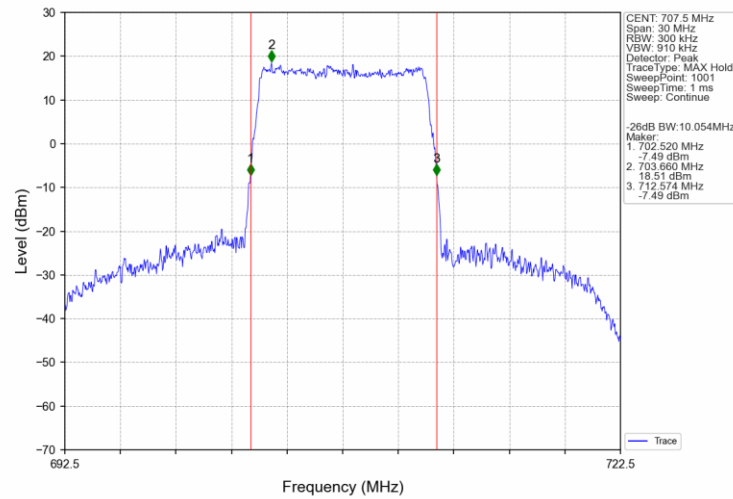
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



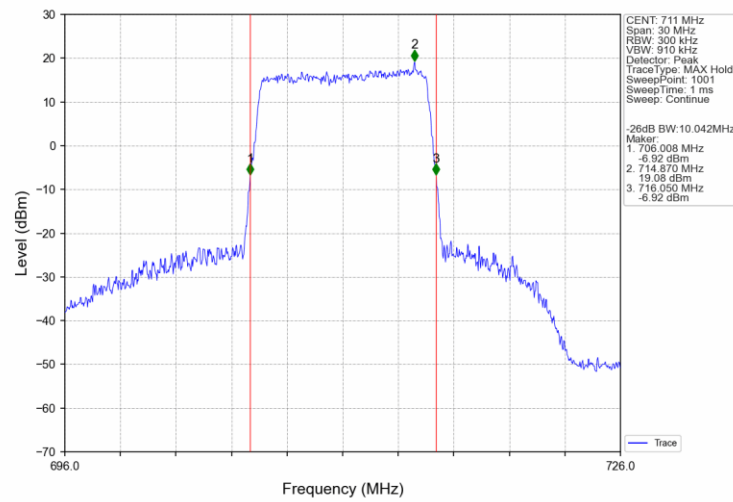
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



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	5.84	<=13	Pass
	707.5	6	0	5.80	<=13	Pass
	715.3	6	0	5.64	<=13	Pass
16QAM	699.7	6	0	6.51	<=13	Pass
	707.5	6	0	6.69	<=13	Pass
	715.3	6	0	6.35	<=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	5.85	<=13	Pass
	707.5	15	0	5.84	<=13	Pass
	714.5	15	0	5.63	<=13	Pass
16QAM	700.5	15	0	6.61	<=13	Pass
	707.5	15	0	6.63	<=13	Pass
	714.5	15	0	6.48	<=13	Pass

5.1.3 B12_5MHz

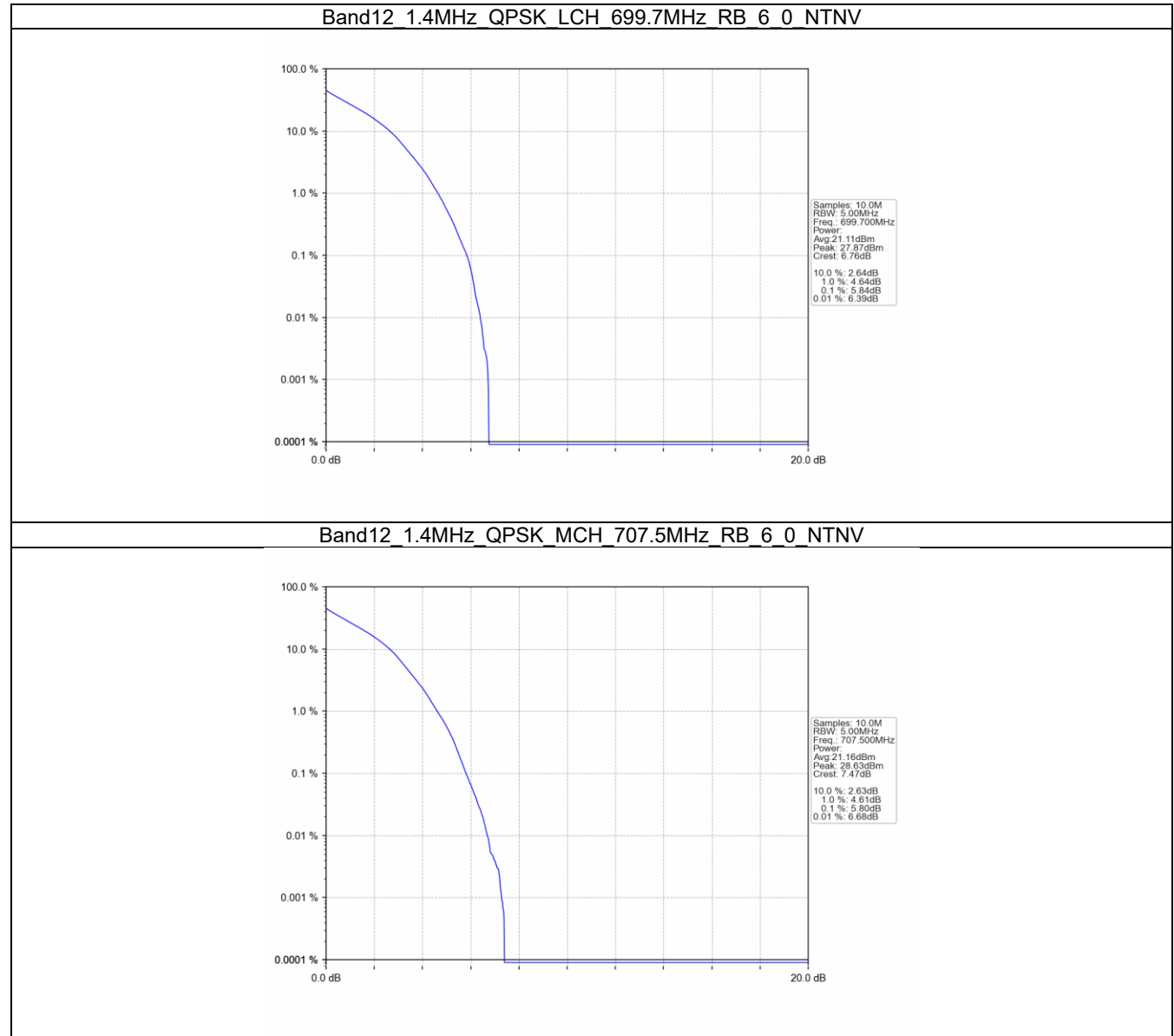
Band: 12 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	701.5	25	0	5.74	<=13	Pass
	707.5	25	0	5.81	<=13	Pass
	713.5	25	0	5.76	<=13	Pass
16QAM	701.5	25	0	6.45	<=13	Pass
	707.5	25	0	6.59	<=13	Pass
	713.5	25	0	6.46	<=13	Pass

5.1.4 B12_10MHz

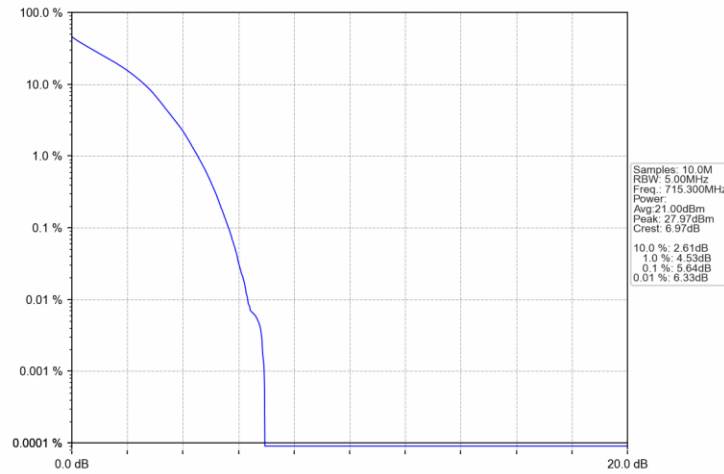
Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	704	50	0	5.79	<=13	Pass
	707.5	50	0	5.90	<=13	Pass
	711	50	0	5.92	<=13	Pass
16QAM	704	50	0	6.48	<=13	Pass
	707.5	50	0	6.63	<=13	Pass
	711	50	0	6.64	<=13	Pass

5.2 Test Graph

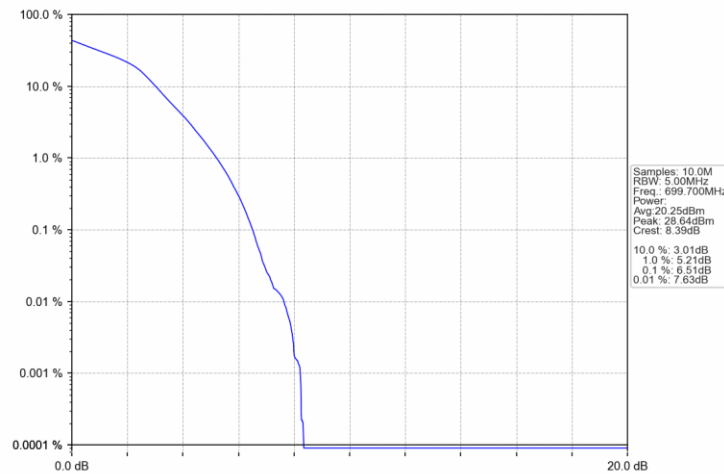
5.2.1 B12_1.4MHz



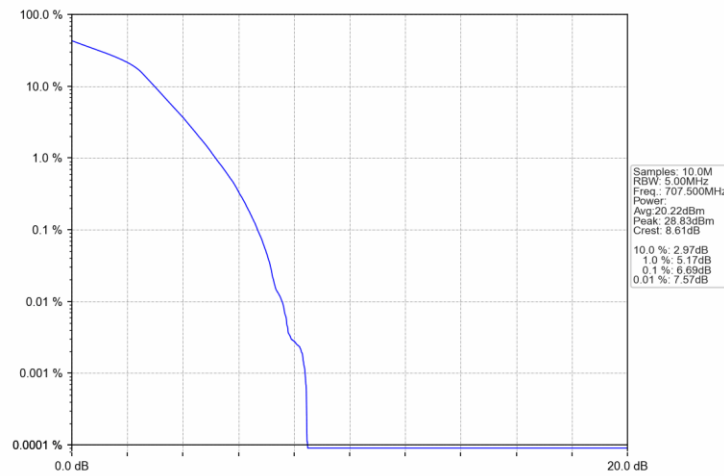
Band12 1.4MHz QPSK HCH 715.3MHz RB 6 0 NTNV



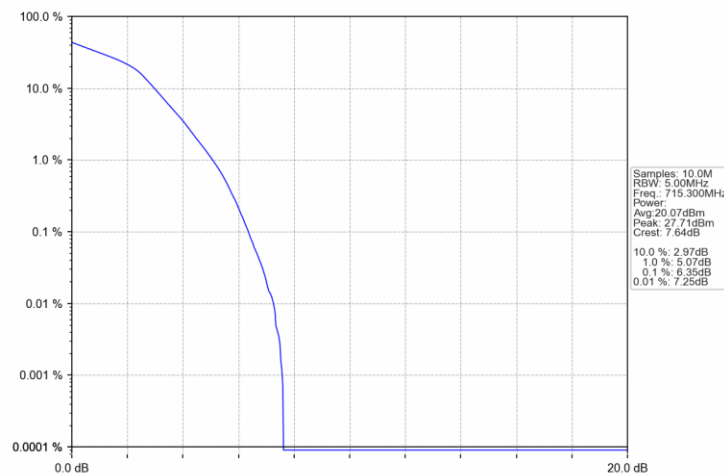
Band12 1.4MHz 16QAM LCH 699.7MHz RB 6 0 NTNV



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

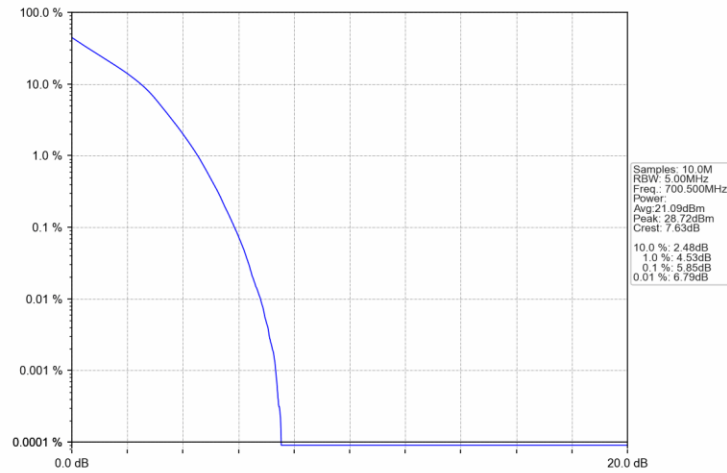


Band12 1.4MHz 16QAM HCH 715.3MHz RB 6 0 NTNV

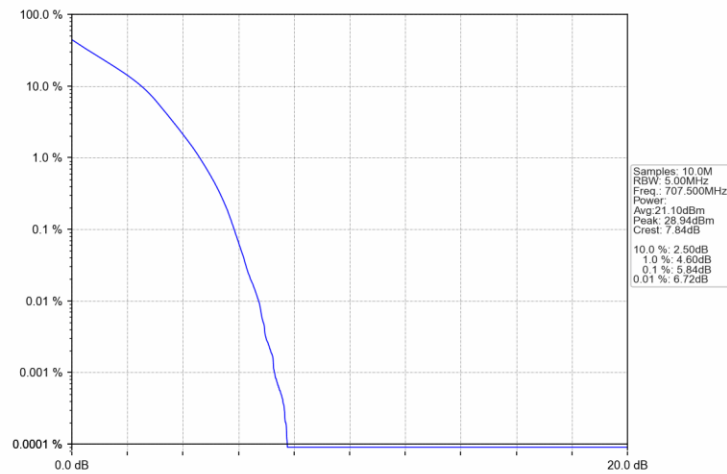


5.2.2 B12_3MHz

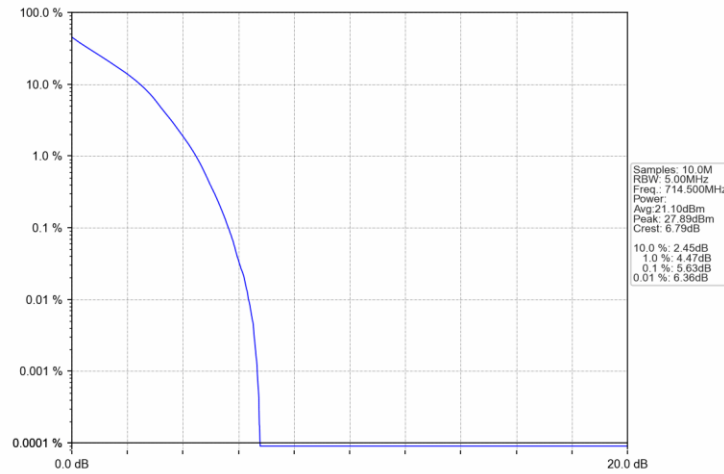
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



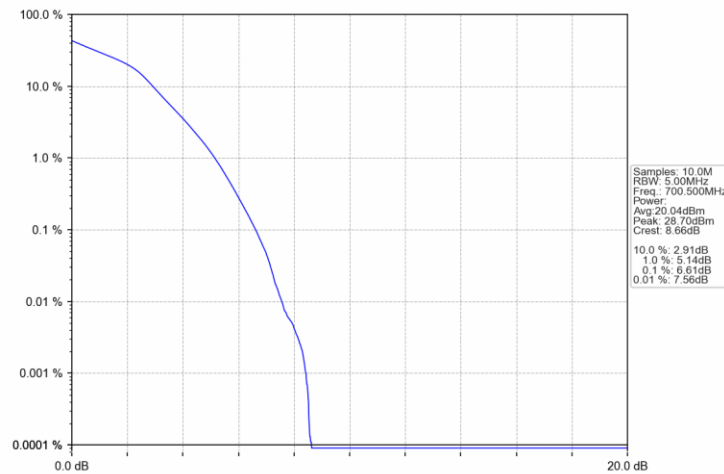
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



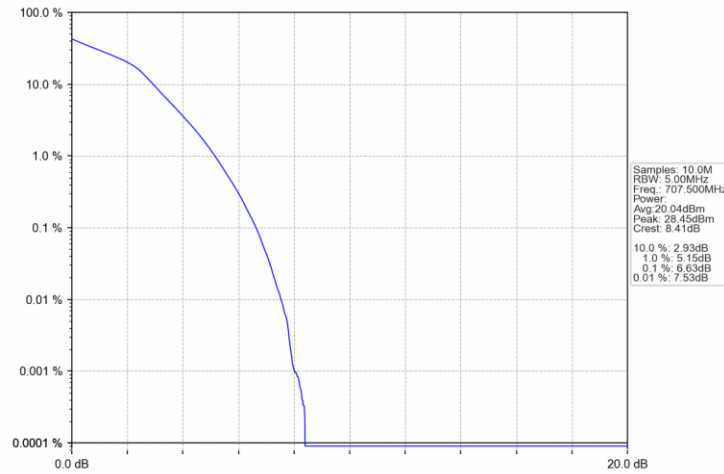
Band12 3MHz QPSK HCH 714.5MHz RB 15 0 NTV



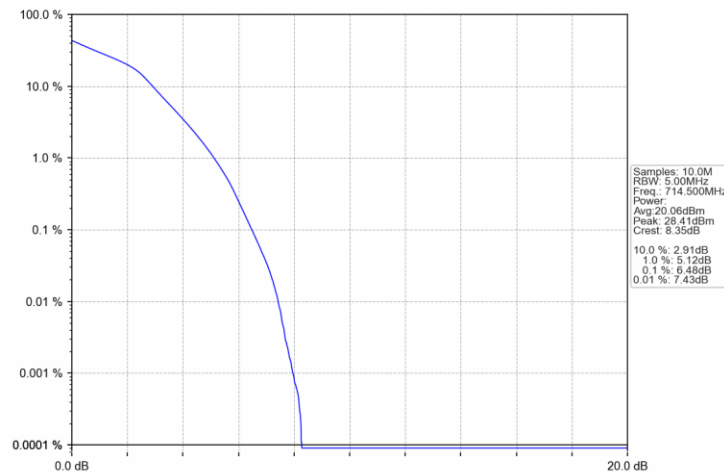
Band12 3MHz 16QAM LCH 700.5MHz RB 15 0 NTV



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

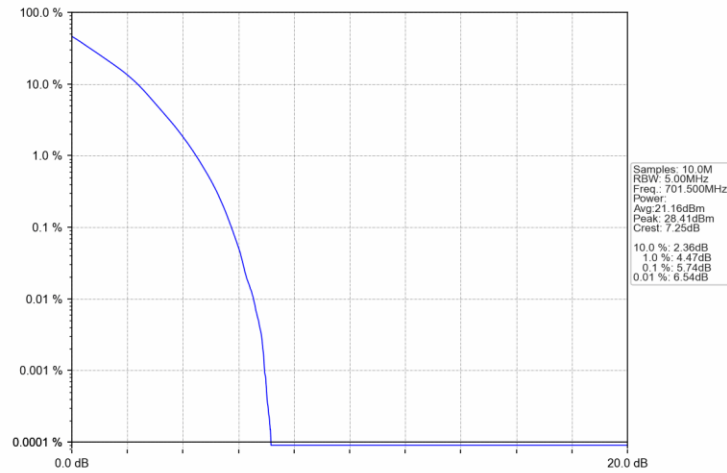


Band12 3MHz 16QAM HCH 714.5MHz RB 15 0 NTNV

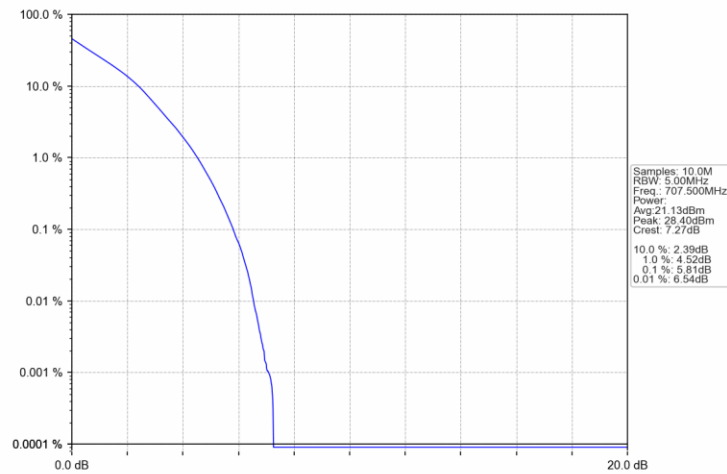


5.2.3 B12_5MHz

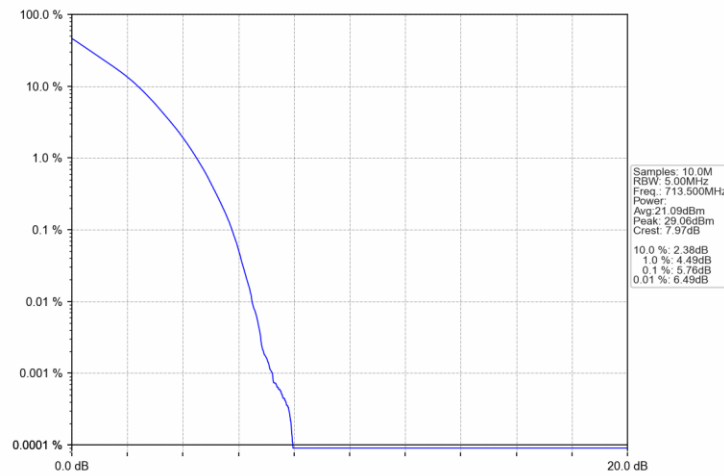
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



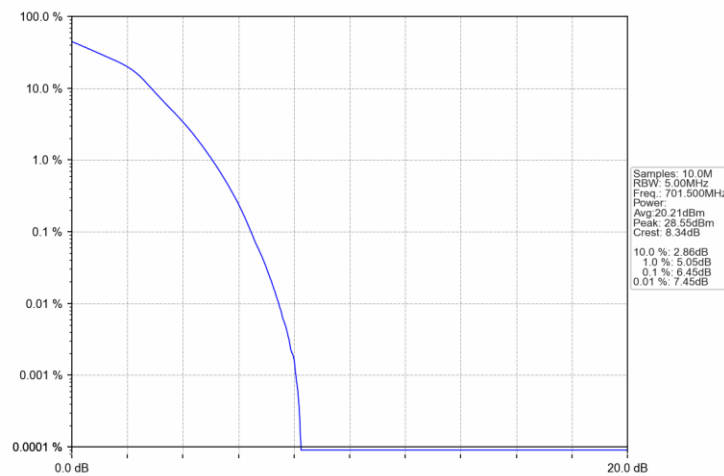
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



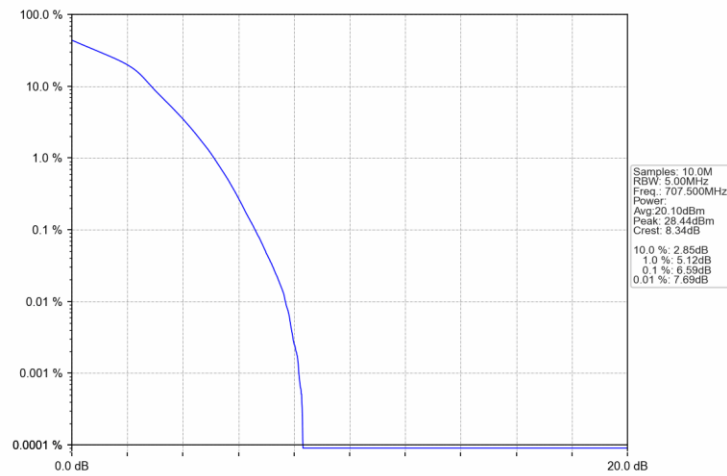
Band12 5MHz QPSK HCH 713.5MHz RB 25 0 NTV



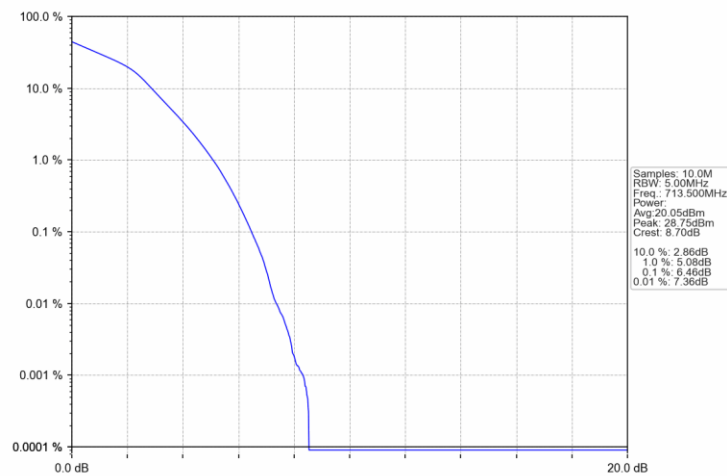
Band12 5MHz 16QAM LCH 701.5MHz RB 25 0 NTV



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

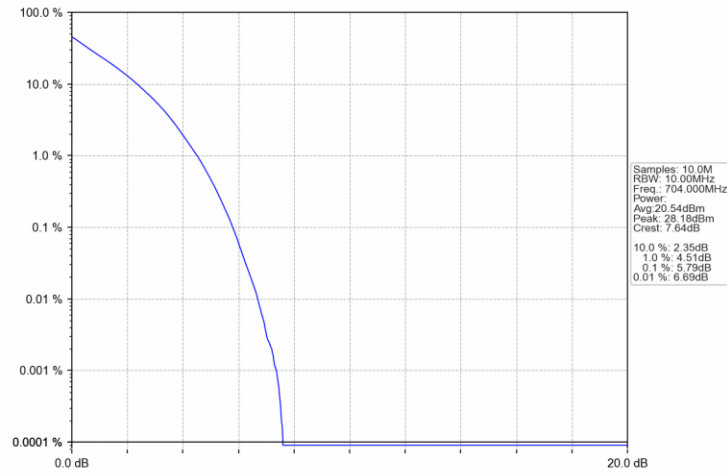


Band12 5MHz 16QAM HCH 713.5MHz RB 25 0 NTNV

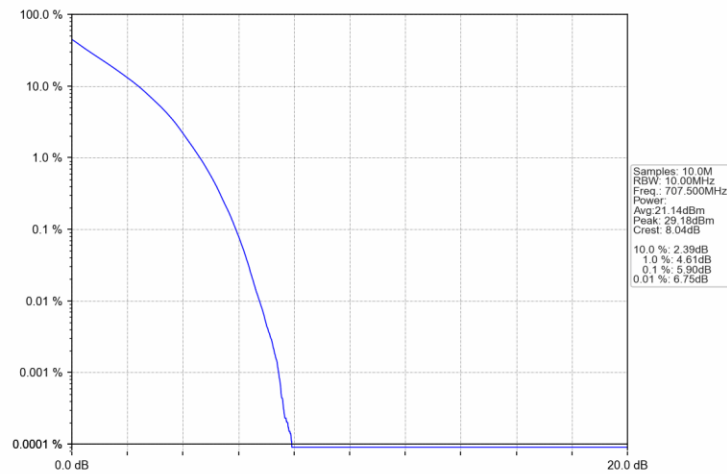


5.2.4 B12_10MHz

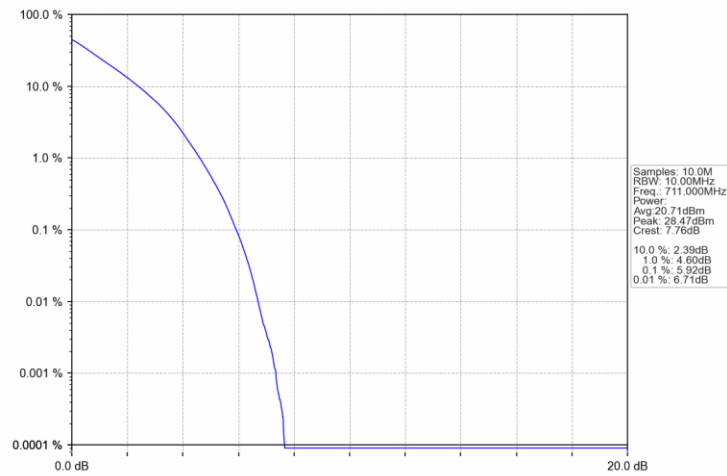
Band12 10MHz QPSK LCH 704MHz RB 50 0 NTN



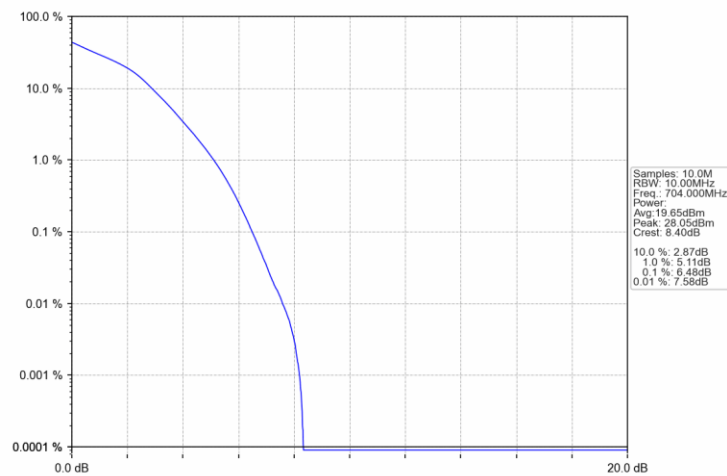
Band12 10MHz QPSK MCH 707.5MHz RB 50 0 NTN



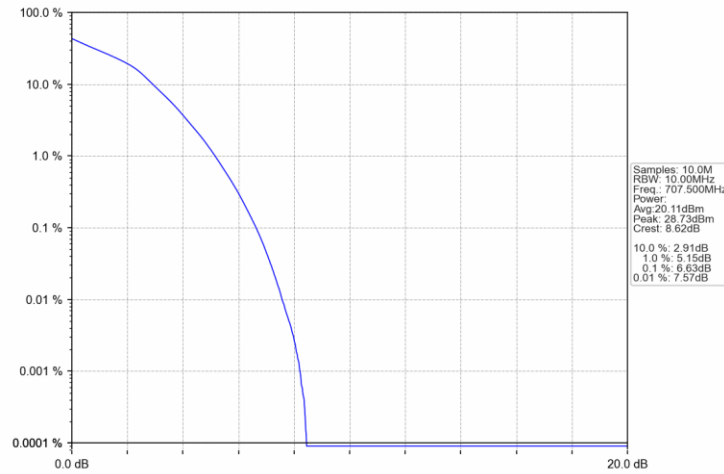
Band12 10MHz QPSK HCH 711MHz RB 50 0 NTN



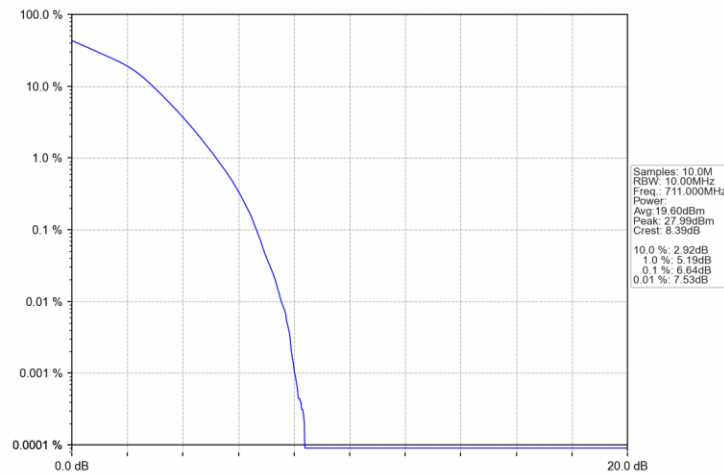
Band12 10MHz 16QAM LCH 704MHz RB 50 0 NTN



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 / NTV					
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 / NTV					
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 / NTV					
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

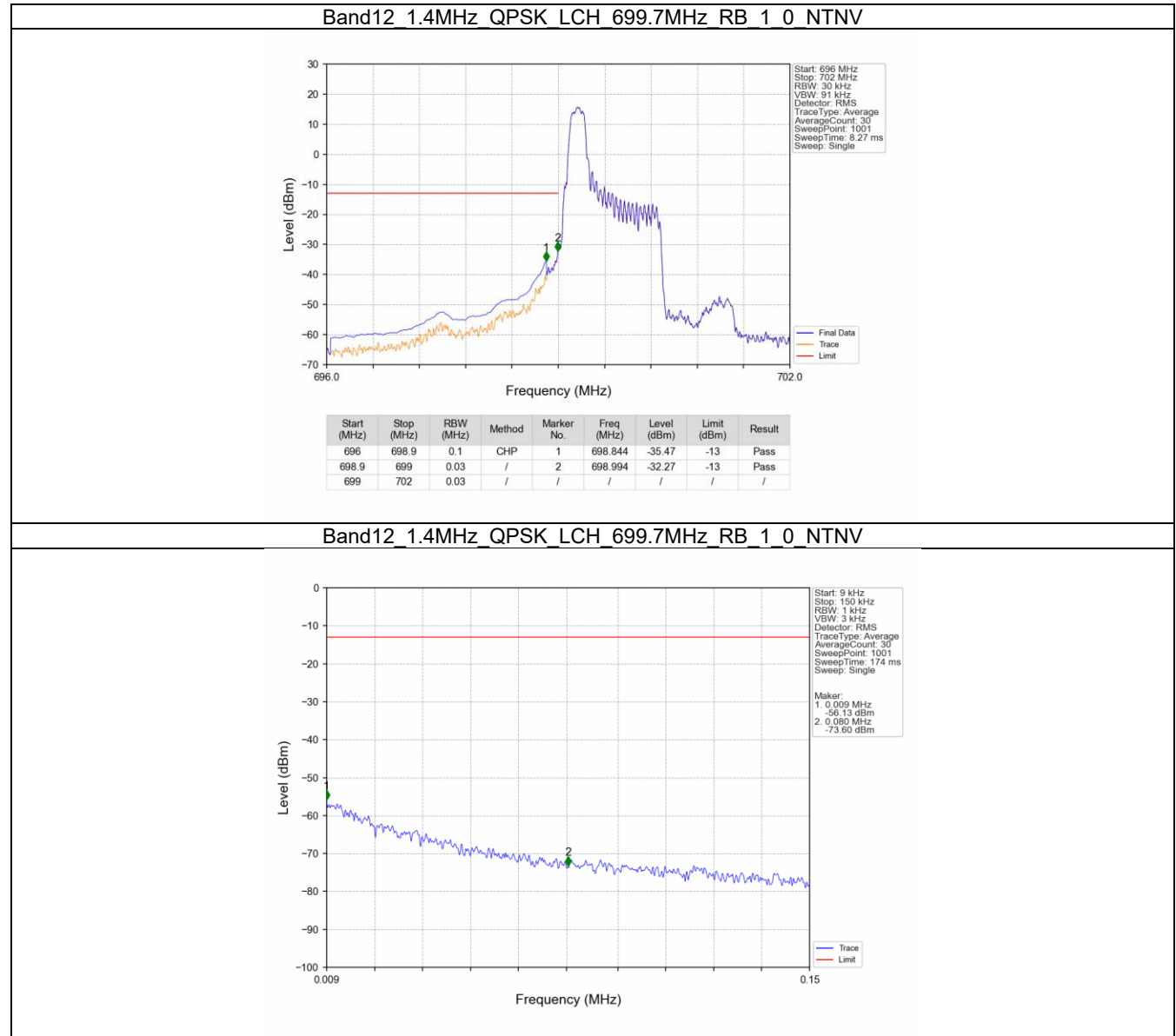
	707.5	1	0	Refer To Test Graph	Pass
	713.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

6.1.4 B12_10MHz

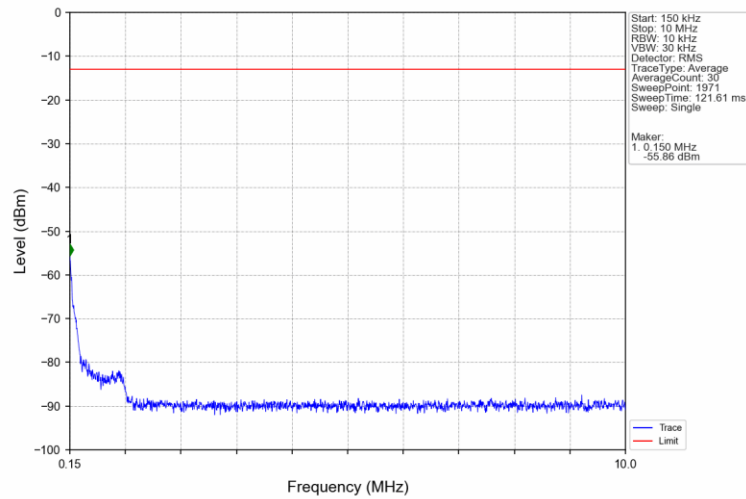
Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	704	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	711	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph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

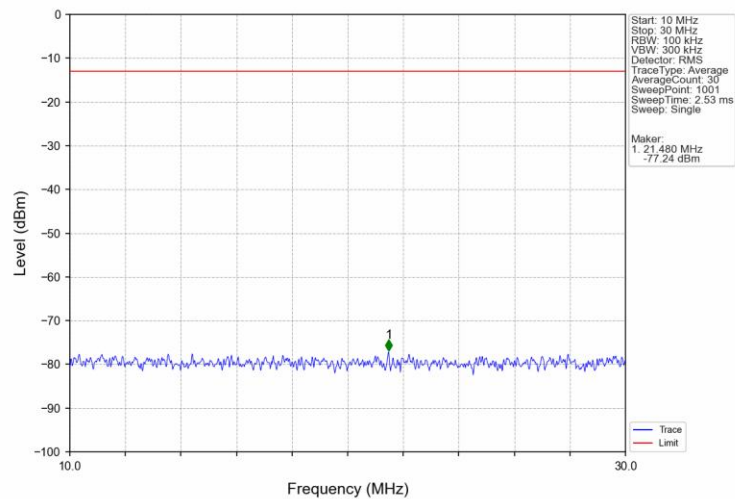
6.2.1 B12_1.4MHz



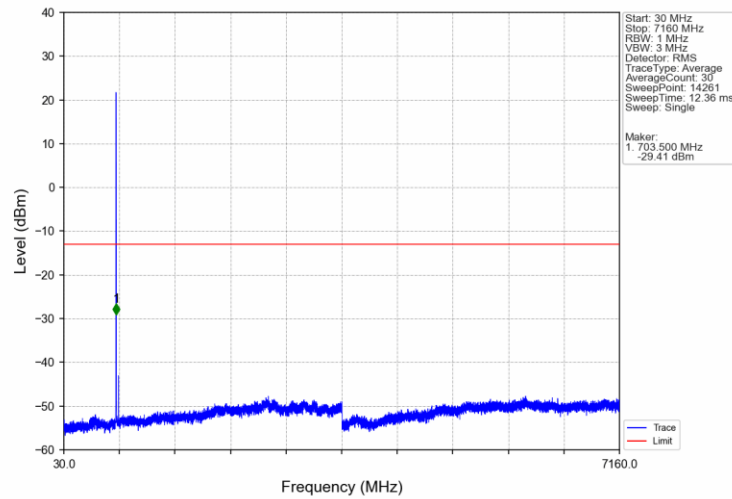
Band12 1.4MHz QPSK LCH 699.7MHz RB 1 0 NTNV



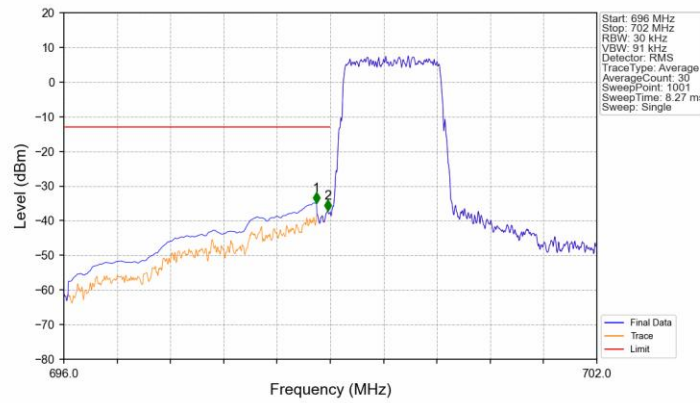
Band12 1.4MHz QPSK LCH 699.7MHz RB 1 0 NTNV



Band12 1.4MHz QPSK LCH 699.7MHz RB 1 0 NTV



Band12 1.4MHz QPSK LCH 699.7MHz RB 6 0 NTV



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	-34.87	-13	Pass
698.9	699	0.03	/	2	698.970	-37.10	-13	Pass
699	702	0.03	/	/	/	/	/	/