1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B12_1.4MHz_ERP

Band: 12 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	699.7	1	0	24.56	-2.89	19.52	<=34.77	Pass
			2	24.56	-2.89	19.52	<=34.77	Pass
			5	24.57	-2.89	19.53	<=34.77	Pass
		3	0	24.45	-2.89	19.41	<=34.77	Pass
			2	24.51	-2.89	19.47	<=34.77	Pass
			3	24.44	-2.89	19.40	<=34.77	Pass
		6	0	23.45	-2.89	18.41	<=34.77	Pass
	707.5	1	0	24.42	-2.89	19.38	<=34.77	Pass
			2	24.63	-2.89	19.59	<=34.77	Pass
			5	24.57	-2.89	19.53	<=34.77	Pass
		3	0	24.54	-2.89	19.50	<=34.77	Pass
			2	24.39	-2.89	19.35	<=34.77	Pass
			3	24.50	-2.89	19.46	<=34.77	Pass
		6	0	23.40	-2.89	18.36	<=34.77	Pass
	715.3	1	0	24.42	-2.89	19.38	<=34.77	Pass
			2	24.40	-2.89	19.36	<=34.77	Pass
			5	24.41	-2.89	19.37	<=34.77	Pass
		3	0	24.60	-2.89	19.56	<=34.77	Pass
			2	24.52	-2.89	19.48	<=34.77	Pass
			3	24.51	-2.89	19.47	<=34.77	Pass
		6	0	23.36	-2.89	18.32	<=34.77	Pass
16QAM	699.7	1	0	23.08	-2.89	18.04	<=34.77	Pass
			2	23.01	-2.89	17.97	<=34.77	Pass
			5	23.09	-2.89	18.05	<=34.77	Pass
		3	0	23.26	-2.89	18.22	<=34.77	Pass
			2	23.25	-2.89	18.21	<=34.77	Pass
			3	23.24	-2.89	18.20	<=34.77	Pass
		6	0	23.07	-2.89	18.03	<=34.77	Pass
	707.5	1	0	23.54	-2.89	18.50	<=34.77	Pass
			2	23.48	-2.89	18.44	<=34.77	Pass
			5	23.54	-2.89	18.50	<=34.77	Pass
		3	0	23.47	-2.89	18.43	<=34.77	Pass
			2	23.38	-2.89	18.34	<=34.77	Pass
			3	23.47	-2.89	18.43	<=34.77	Pass
		6	0	23.09	-2.89	18.05	<=34.77	Pass
	715.3	1	0	23.58	-2.89	18.54	<=34.77	Pass
			2	23.50	-2.89	18.46	<=34.77	Pass
			5	23.51	-2.89	18.47	<=34.77	Pass
		3	0	23.44	-2.89	18.40	<=34.77	Pass
			2	23.39	-2.89	18.35	<=34.77	Pass
			3	23.42	-2.89	18.38	<=34.77	Pass
		6	0	22.42	-2.89	17.38	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.2 B12_3MHz_ERP

Band: 12 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	700.5	1	0	24.45	-2.89	19.41	<=34.77	Pass
			7	24.50	-2.89	19.46	<=34.77	Pass
			14	24.45	-2.89	19.41	<=34.77	Pass
		8	0	23.52	-2.89	18.48	<=34.77	Pass
			4	23.48	-2.89	18.44	<=34.77	Pass
			7	23.56	-2.89	18.52	<=34.77	Pass
		15	0	23.45	-2.89	18.41	<=34.77	Pass
	707.5	1	0	24.38	-2.89	19.34	<=34.77	Pass
			7	24.44	-2.89	19.40	<=34.77	Pass
			14	24.46	-2.89	19.42	<=34.77	Pass
		8	0	23.36	-2.89	18.32	<=34.77	Pass
			4	23.41	-2.89	18.37	<=34.77	Pass
			7	23.37	-2.89	18.33	<=34.77	Pass
		15	0	23.39	-2.89	18.35	<=34.77	Pass
	714.5	1	0	24.65	-2.89	19.61	<=34.77	Pass
			7	24.57	-2.89	19.53	<=34.77	Pass
			14	24.52	-2.89	19.48	<=34.77	Pass
		8	0	23.53	-2.89	18.49	<=34.77	Pass
			4	23.57	-2.89	18.53	<=34.77	Pass
			7	23.43	-2.89	18.39	<=34.77	Pass
		15	0	23.53	-2.89	18.49	<=34.77	Pass
16QAM	700.5	1	0	24.25	-2.89	19.21	<=34.77	Pass
			7	24.30	-2.89	19.26	<=34.77	Pass
			14	24.32	-2.89	19.28	<=34.77	Pass
		8	0	23.04	-2.89	18.00	<=34.77	Pass
			4	23.01	-2.89	17.97	<=34.77	Pass
			7	22.74	-2.89	17.70	<=34.77	Pass
		15	0	23.03	-2.89	17.99	<=34.77	Pass
	707.5	1	0	23.44	-2.89	18.40	<=34.77	Pass
			7	23.38	-2.89	18.34	<=34.77	Pass
			14	23.35	-2.89	18.31	<=34.77	Pass
		8	0	22.53	-2.89	17.49	<=34.77	Pass
			4	23.12	-2.89	18.08	<=34.77	Pass
			7	23.08	-2.89	18.04	<=34.77	Pass
		15	0	23.00	-2.89	17.96	<=34.77	Pass
	714.5	1	0	23.07	-2.89	18.03	<=34.77	Pass
			7	23.06	-2.89	18.02	<=34.77	Pass
			14	23.06	-2.89	18.02	<=34.77	Pass
		8	0	22.63	-2.89	17.59	<=34.77	Pass
			4	22.62	-2.89	17.58	<=34.77	Pass
			7	22.60	-2.89	17.56	<=34.77	Pass
		15	0	22.54	-2.89	17.50	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.3 B12_5MHz_ERP

Band: 12 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	701.5	1	0	24.41	-2.89	19.37	<=34.77	Pass
			13	24.43	-2.89	19.39	<=34.77	Pass
			24	24.47	-2.89	19.43	<=34.77	Pass
		12	0	23.49	-2.89	18.45	<=34.77	Pass
			6	23.57	-2.89	18.53	<=34.77	Pass
			13	23.54	-2.89	18.50	<=34.77	Pass
		25	0	23.59	-2.89	18.55	<=34.77	Pass
	707.5	1	0	24.41	-2.89	19.37	<=34.77	Pass
			13	24.39	-2.89	19.35	<=34.77	Pass
			24	24.37	-2.89	19.33	<=34.77	Pass
		12	0	23.44	-2.89	18.40	<=34.77	Pass
			6	23.42	-2.89	18.38	<=34.77	Pass
			13	23.31	-2.89	18.27	<=34.77	Pass
		25	0	23.45	-2.89	18.41	<=34.77	Pass
	713.5	1	0	24.62	-2.89	19.58	<=34.77	Pass
			13	24.60	-2.89	19.56	<=34.77	Pass
			24	24.60	-2.89	19.56	<=34.77	Pass
		12	0	23.56	-2.89	18.52	<=34.77	Pass
			6	23.52	-2.89	18.48	<=34.77	Pass
			13	23.58	-2.89	18.54	<=34.77	Pass
		25	0	23.55	-2.89	18.51	<=34.77	Pass
16QAM	701.5	1	0	22.65	-2.89	17.61	<=34.77	Pass
			13	22.70	-2.89	17.66	<=34.77	Pass
			24	22.64	-2.89	17.60	<=34.77	Pass
		12	0	22.92	-2.89	17.88	<=34.77	Pass
			6	22.50	-2.89	17.46	<=34.77	Pass
			13	22.54	-2.89	17.50	<=34.77	Pass
		25	0	22.66	-2.89	17.62	<=34.77	Pass
	707.5	1	0	23.44	-2.89	18.40	<=34.77	Pass
			13	23.27	-2.89	18.23	<=34.77	Pass
			24	23.43	-2.89	18.39	<=34.77	Pass
		12	0	22.33	-2.89	17.29	<=34.77	Pass
			6	22.97	-2.89	17.93	<=34.77	Pass
			13	22.90	-2.89	17.86	<=34.77	Pass
		25	0	23.03	-2.89	17.99	<=34.77	Pass
	713.5	1	0	23.42	-2.89	18.38	<=34.77	Pass
			13	23.40	-2.89	18.36	<=34.77	Pass
			24	23.40	-2.89	18.36	<=34.77	Pass
		12	0	22.81	-2.89	17.77	<=34.77	Pass
			6	22.39	-2.89	17.35	<=34.77	Pass
			13	22.36	-2.89	17.32	<=34.77	Pass
		25	0	22.43	-2.89	17.39	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.4 B12_10MHz_ERP

Band: 12 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	704	1	0	24.51	-2.89	19.47	<=34.77	Pass
			25	24.43	-2.89	19.39	<=34.77	Pass
			49	24.46	-2.89	19.42	<=34.77	Pass
		25	0	23.58	-2.89	18.54	<=34.77	Pass
			13	23.58	-2.89	18.54	<=34.77	Pass
			25	23.49	-2.89	18.45	<=34.77	Pass
		50	0	23.59	-2.89	18.55	<=34.77	Pass
	707.5	1	0	24.37	-2.89	19.33	<=34.77	Pass
			25	24.43	-2.89	19.39	<=34.77	Pass
			49	24.58	-2.89	19.54	<=34.77	Pass
		25	0	23.46	-2.89	18.42	<=34.77	Pass
			13	23.47	-2.89	18.43	<=34.77	Pass
			25	23.52	-2.89	18.48	<=34.77	Pass
		50	0	23.32	-2.89	18.28	<=34.77	Pass
	711	1	0	24.60	-2.89	19.56	<=34.77	Pass
			25	24.58	-2.89	19.54	<=34.77	Pass
			49	24.40	-2.89	19.36	<=34.77	Pass
		25	0	23.40	-2.89	18.36	<=34.77	Pass
			13	23.38	-2.89	18.34	<=34.77	Pass
			25	23.55	-2.89	18.51	<=34.77	Pass
		50	0	23.35	-2.89	18.31	<=34.77	Pass
16QAM	704	1	0	23.88	-2.89	18.84	<=34.77	Pass
			25	23.85	-2.89	18.81	<=34.77	Pass
			49	23.81	-2.89	18.77	<=34.77	Pass
		25	0	22.54	-2.89	17.50	<=34.77	Pass
			13	22.47	-2.89	17.43	<=34.77	Pass
			25	22.38	-2.89	17.34	<=34.77	Pass
		50	0	22.44	-2.89	17.40	<=34.77	Pass
	707.5	1	0	23.13	-2.89	18.09	<=34.77	Pass
			25	23.13	-2.89	18.09	<=34.77	Pass
			49	23.22	-2.89	18.18	<=34.77	Pass
		25	0	22.57	-2.89	17.53	<=34.77	Pass
			13	23.13	-2.89	18.09	<=34.77	Pass
			25	23.13	-2.89	18.09	<=34.77	Pass
		50	0	23.06	-2.89	18.02	<=34.77	Pass
	711	1	0	24.07	-2.89	19.03	<=34.77	Pass
			25	24.07	-2.89	19.03	<=34.77	Pass
			49	24.06	-2.89	19.02	<=34.77	Pass
		25	0	22.97	-2.89	17.93	<=34.77	Pass
			13	22.95	-2.89	17.91	<=34.77	Pass
			25	22.68	-2.89	17.64	<=34.77	Pass
		50	0	22.93	-2.89	17.89	<=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	-9.184	-0.0131	-2.5 to 2.5	Pass
					3.80	1.316	0.0019	-2.5 to 2.5	Pass
					4.37	-27.094	-0.0387	-2.5 to 2.5	Pass
				-30	3.80	-3.061	-0.0044	-2.5 to 2.5	Pass
				-20	3.80	-19.584	-0.0280	-2.5 to 2.5	Pass
				-10	3.80	-31.886	-0.0456	-2.5 to 2.5	Pass
				0	3.80	-37.923	-0.0542	-2.5 to 2.5	Pass
				10	3.80	-45.877	-0.0656	-2.5 to 2.5	Pass
				30	3.80	-4.649	-0.0066	-2.5 to 2.5	Pass
				40	3.80	-6.838	-0.0098	-2.5 to 2.5	Pass
				50	3.80	-10.571	-0.0151	-2.5 to 2.5	Pass
	707.5	6	0	20	3.23	28.110	0.0397	-2.5 to 2.5	Pass
					3.80	25.134	0.0355	-2.5 to 2.5	Pass
					4.37	19.884	0.0281	-2.5 to 2.5	Pass
				-30	3.80	18.668	0.0264	-2.5 to 2.5	Pass
				-20	3.80	15.306	0.0216	-2.5 to 2.5	Pass
				-10	3.80	15.249	0.0216	-2.5 to 2.5	Pass
				0	3.80	14.048	0.0199	-2.5 to 2.5	Pass
				10	3.80	15.235	0.0215	-2.5 to 2.5	Pass
				30	3.80	14.291	0.0202	-2.5 to 2.5	Pass
				40	3.80	14.305	0.0202	-2.5 to 2.5	Pass
				50	3.80	15.993	0.0226	-2.5 to 2.5	Pass
	715.3	6	0	20	3.23	32.601	0.0456	-2.5 to 2.5	Pass
					3.80	19.112	0.0267	-2.5 to 2.5	Pass
					4.37	6.051	0.0085	-2.5 to 2.5	Pass
				-30	3.80	-3.762	-0.0053	-2.5 to 2.5	Pass
				-20	3.80	-10.901	-0.0152	-2.5 to 2.5	Pass
				-10	3.80	-15.135	-0.0212	-2.5 to 2.5	Pass
				0	3.80	-20.528	-0.0287	-2.5 to 2.5	Pass
				10	3.80	-24.748	-0.0346	-2.5 to 2.5	Pass
				30	3.80	-26.822	-0.0375	-2.5 to 2.5	Pass
				40	3.80	-29.325	-0.0410	-2.5 to 2.5	Pass
				50	3.80	-31.528	-0.0441	-2.5 to 2.5	Pass
16QAM	699.7	6	0	20	3.23	-14.091	-0.0201	-2.5 to 2.5	Pass
					3.80	-12.918	-0.0185	-2.5 to 2.5	Pass
					4.37	-10.901	-0.0156	-2.5 to 2.5	Pass
				-30	3.80	-11.745	-0.0168	-2.5 to 2.5	Pass
				-20	3.80	-8.841	-0.0126	-2.5 to 2.5	Pass
				-10	3.80	-7.825	-0.0112	-2.5 to 2.5	Pass
				0	3.80	-6.881	-0.0098	-2.5 to 2.5	Pass
				10	3.80	-5.307	-0.0076	-2.5 to 2.5	Pass
				30	3.80	-3.891	-0.0056	-2.5 to 2.5	Pass
				40	3.80	-3.648	-0.0052	-2.5 to 2.5	Pass
				50	3.80	-2.375	-0.0034	-2.5 to 2.5	Pass
	707.5	6	0	20	3.23	14.849	0.0210	-2.5 to 2.5	Pass
					3.80	18.296	0.0259	-2.5 to 2.5	Pass
					4.37	20.099	0.0284	-2.5 to 2.5	Pass
				-30	3.80	21.644	0.0306	-2.5 to 2.5	Pass
				-20	3.80	25.020	0.0354	-2.5 to 2.5	Pass
				-10	3.80	25.706	0.0363	-2.5 to 2.5	Pass

				0	3.80	27.022	0.0382	-2.5 to 2.5	Pass
				10	3.80	29.511	0.0417	-2.5 to 2.5	Pass
				30	3.80	30.484	0.0431	-2.5 to 2.5	Pass
				40	3.80	30.513	0.0431	-2.5 to 2.5	Pass
				50	3.80	33.059	0.0467	-2.5 to 2.5	Pass
	715.3	6	0	20	3.23	-31.400	-0.0439	-2.5 to 2.5	Pass
					3.80	-27.037	-0.0378	-2.5 to 2.5	Pass
					4.37	-22.302	-0.0312	-2.5 to 2.5	Pass
				-30	3.80	-18.682	-0.0261	-2.5 to 2.5	Pass
				-20	3.80	-15.535	-0.0217	-2.5 to 2.5	Pass
				-10	3.80	-13.518	-0.0189	-2.5 to 2.5	Pass
				0	3.80	-12.102	-0.0169	-2.5 to 2.5	Pass
				10	3.80	-10.757	-0.0150	-2.5 to 2.5	Pass
				30	3.80	-9.542	-0.0133	-2.5 to 2.5	Pass
				40	3.80	-6.795	-0.0095	-2.5 to 2.5	Pass
				50	3.80	-6.337	-0.0089	-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	-7.439	-0.0106	-2.5 to 2.5	Pass
					3.80	-35.663	-0.0509	-2.5 to 2.5	Pass
					4.37	-4.878	-0.0070	-2.5 to 2.5	Pass
				-30	3.80	-21.687	-0.0310	-2.5 to 2.5	Pass
				-20	3.80	-33.803	-0.0483	-2.5 to 2.5	Pass
				-10	3.80	-43.144	-0.0616	-2.5 to 2.5	Pass
				0	3.80	-3.705	-0.0053	-2.5 to 2.5	Pass
				10	3.80	-8.326	-0.0119	-2.5 to 2.5	Pass
				30	3.80	-14.834	-0.0212	-2.5 to 2.5	Pass
				40	3.80	-16.608	-0.0237	-2.5 to 2.5	Pass
				50	3.80	-20.156	-0.0288	-2.5 to 2.5	Pass
	707.5	15	0	20	3.23	26.107	0.0369	-2.5 to 2.5	Pass
					3.80	25.349	0.0358	-2.5 to 2.5	Pass
					4.37	19.312	0.0273	-2.5 to 2.5	Pass
				-30	3.80	17.824	0.0252	-2.5 to 2.5	Pass
				-20	3.80	16.780	0.0237	-2.5 to 2.5	Pass
				-10	3.80	14.591	0.0206	-2.5 to 2.5	Pass
				0	3.80	13.733	0.0194	-2.5 to 2.5	Pass
				10	3.80	14.105	0.0199	-2.5 to 2.5	Pass
				30	3.80	12.445	0.0176	-2.5 to 2.5	Pass
				40	3.80	12.960	0.0183	-2.5 to 2.5	Pass
				50	3.80	12.274	0.0173	-2.5 to 2.5	Pass
	714.5	15	0	20	3.23	25.764	0.0361	-2.5 to 2.5	Pass
					3.80	16.208	0.0227	-2.5 to 2.5	Pass
					4.37	2.460	0.0034	-2.5 to 2.5	Pass
				-30	3.80	-6.838	-0.0096	-2.5 to 2.5	Pass
				-20	3.80	-12.903	-0.0181	-2.5 to 2.5	Pass
				-10	3.80	-18.282	-0.0256	-2.5 to 2.5	Pass
				0	3.80	-22.573	-0.0316	-2.5 to 2.5	Pass
				10	3.80	-26.064	-0.0365	-2.5 to 2.5	Pass
				30	3.80	-29.125	-0.0408	-2.5 to 2.5	Pass
				40	3.80	-31.829	-0.0445	-2.5 to 2.5	Pass
				50	3.80	-32.358	-0.0453	-2.5 to 2.5	Pass
16QAM	700.5	15	0	20	3.23	-26.793	-0.0382	-2.5 to 2.5	Pass
					3.80	-25.134	-0.0359	-2.5 to 2.5	Pass
					4.37	-25.492	-0.0364	-2.5 to 2.5	Pass

				-30	3.80	-22.774	-0.0325	-2.5 to 2.5	Pass
				-20	3.80	-21.615	-0.0309	-2.5 to 2.5	Pass
				-10	3.80	-20.542	-0.0293	-2.5 to 2.5	Pass
				0	3.80	-20.528	-0.0293	-2.5 to 2.5	Pass
				10	3.80	-20.399	-0.0291	-2.5 to 2.5	Pass
				30	3.80	-20.113	-0.0287	-2.5 to 2.5	Pass
				40	3.80	-18.439	-0.0263	-2.5 to 2.5	Pass
				50	3.80	-19.441	-0.0278	-2.5 to 2.5	Pass
	707.5	15	0	20	3.23	13.132	0.0186	-2.5 to 2.5	Pass
					3.80	15.206	0.0215	-2.5 to 2.5	Pass
					4.37	18.640	0.0263	-2.5 to 2.5	Pass
				-30	3.80	22.087	0.0312	-2.5 to 2.5	Pass
				-20	3.80	24.276	0.0343	-2.5 to 2.5	Pass
				-10	3.80	26.050	0.0368	-2.5 to 2.5	Pass
				0	3.80	28.582	0.0404	-2.5 to 2.5	Pass
				10	3.80	29.597	0.0418	-2.5 to 2.5	Pass
				30	3.80	30.570	0.0432	-2.5 to 2.5	Pass
				40	3.80	32.229	0.0456	-2.5 to 2.5	Pass
				50	3.80	32.387	0.0458	-2.5 to 2.5	Pass
	714.5	15	0	20	3.23	-33.431	-0.0468	-2.5 to 2.5	Pass
					3.80	-30.227	-0.0423	-2.5 to 2.5	Pass
					4.37	-27.308	-0.0382	-2.5 to 2.5	Pass
				-30	3.80	-22.817	-0.0319	-2.5 to 2.5	Pass
				-20	3.80	-20.828	-0.0292	-2.5 to 2.5	Pass
				-10	3.80	-20.041	-0.0280	-2.5 to 2.5	Pass
				0	3.80	-17.953	-0.0251	-2.5 to 2.5	Pass
				10	3.80	-16.379	-0.0229	-2.5 to 2.5	Pass
				30	3.80	-14.062	-0.0197	-2.5 to 2.5	Pass
				40	3.80	-13.647	-0.0191	-2.5 to 2.5	Pass
				50	3.80	-11.301	-0.0158	-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	6.523	0.0093	-2.5 to 2.5	Pass
					3.80	-24.061	-0.0343	-2.5 to 2.5	Pass
					4.37	-17.381	-0.0248	-2.5 to 2.5	Pass
				-30	3.80	-28.024	-0.0399	-2.5 to 2.5	Pass
				-20	3.80	-39.511	-0.0563	-2.5 to 2.5	Pass
				-10	3.80	-38.452	-0.0548	-2.5 to 2.5	Pass
				0	3.80	-4.063	-0.0058	-2.5 to 2.5	Pass
				10	3.80	-10.328	-0.0147	-2.5 to 2.5	Pass
				30	3.80	-13.533	-0.0193	-2.5 to 2.5	Pass
				40	3.80	-17.796	-0.0254	-2.5 to 2.5	Pass
				50	3.80	-20.614	-0.0294	-2.5 to 2.5	Pass
	707.5	25	0	20	3.23	33.088	0.0468	-2.5 to 2.5	Pass
					3.80	28.267	0.0400	-2.5 to 2.5	Pass
					4.37	22.516	0.0318	-2.5 to 2.5	Pass
				-30	3.80	17.409	0.0246	-2.5 to 2.5	Pass
				-20	3.80	12.932	0.0183	-2.5 to 2.5	Pass
				-10	3.80	9.942	0.0141	-2.5 to 2.5	Pass
				0	3.80	7.510	0.0106	-2.5 to 2.5	Pass
				10	3.80	6.809	0.0096	-2.5 to 2.5	Pass
				30	3.80	6.266	0.0089	-2.5 to 2.5	Pass
				40	3.80	4.849	0.0069	-2.5 to 2.5	Pass
				50	3.80	5.450	0.0077	-2.5 to 2.5	Pass

	713.5	25	0	20	3.23	24.118	0.0338	-2.5 to 2.5	Pass
					3.80	12.403	0.0174	-2.5 to 2.5	Pass
					4.37	0.873	0.0012	-2.5 to 2.5	Pass
				-30	3.80	-7.911	-0.0111	-2.5 to 2.5	Pass
				-20	3.80	-17.066	-0.0239	-2.5 to 2.5	Pass
				-10	3.80	-20.628	-0.0289	-2.5 to 2.5	Pass
				0	3.80	-24.819	-0.0348	-2.5 to 2.5	Pass
				10	3.80	-28.310	-0.0397	-2.5 to 2.5	Pass
				30	3.80	-31.672	-0.0444	-2.5 to 2.5	Pass
				40	3.80	-33.460	-0.0469	-2.5 to 2.5	Pass
				50	3.80	-36.778	-0.0515	-2.5 to 2.5	Pass
16QAM	701.5	25	0	20	3.23	-20.814	-0.0297	-2.5 to 2.5	Pass
					3.80	-17.953	-0.0256	-2.5 to 2.5	Pass
					4.37	-14.734	-0.0210	-2.5 to 2.5	Pass
				-30	3.80	-11.630	-0.0166	-2.5 to 2.5	Pass
				-20	3.80	-10.686	-0.0152	-2.5 to 2.5	Pass
				-10	3.80	-8.883	-0.0127	-2.5 to 2.5	Pass
				0	3.80	-7.153	-0.0102	-2.5 to 2.5	Pass
				10	3.80	-6.623	-0.0094	-2.5 to 2.5	Pass
				30	3.80	-4.821	-0.0069	-2.5 to 2.5	Pass
				40	3.80	-4.363	-0.0062	-2.5 to 2.5	Pass
				50	3.80	-3.648	-0.0052	-2.5 to 2.5	Pass
	707.5	25	0	20	3.23	3.605	0.0051	-2.5 to 2.5	Pass
					3.80	6.495	0.0092	-2.5 to 2.5	Pass
					4.37	11.044	0.0156	-2.5 to 2.5	Pass
				-30	3.80	12.918	0.0183	-2.5 to 2.5	Pass
				-20	3.80	14.534	0.0205	-2.5 to 2.5	Pass
				-10	3.80	15.721	0.0222	-2.5 to 2.5	Pass
				0	3.80	16.165	0.0228	-2.5 to 2.5	Pass
				10	3.80	16.737	0.0237	-2.5 to 2.5	Pass
				30	3.80	17.796	0.0252	-2.5 to 2.5	Pass
				40	3.80	20.256	0.0286	-2.5 to 2.5	Pass
				50	3.80	20.585	0.0291	-2.5 to 2.5	Pass
	713.5	25	0	20	3.23	-37.951	-0.0532	-2.5 to 2.5	Pass
					3.80	-33.431	-0.0469	-2.5 to 2.5	Pass
					4.37	-29.783	-0.0417	-2.5 to 2.5	Pass
				-30	3.80	-25.077	-0.0351	-2.5 to 2.5	Pass
				-20	3.80	-22.202	-0.0311	-2.5 to 2.5	Pass
				-10	3.80	-19.312	-0.0271	-2.5 to 2.5	Pass
				0	3.80	-17.481	-0.0245	-2.5 to 2.5	Pass
				10	3.80	-17.295	-0.0242	-2.5 to 2.5	Pass
				30	3.80	-15.063	-0.0211	-2.5 to 2.5	Pass
				40	3.80	-15.221	-0.0213	-2.5 to 2.5	Pass
				50	3.80	-13.275	-0.0186	-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	-2.847	-0.0040	-2.5 to 2.5	Pass
					3.80	-31.242	-0.0444	-2.5 to 2.5	Pass
					4.37	-19.512	-0.0277	-2.5 to 2.5	Pass
				-30	3.80	-39.539	-0.0562	-2.5 to 2.5	Pass
				-20	3.80	-6.738	-0.0096	-2.5 to 2.5	Pass
				-10	3.80	-14.133	-0.0201	-2.5 to 2.5	Pass
				0	3.80	-18.096	-0.0257	-2.5 to 2.5	Pass
				10	3.80	-23.332	-0.0331	-2.5 to 2.5	Pass

				30	3.80	-24.047	-0.0342	-2.5 to 2.5	Pass
				40	3.80	-27.080	-0.0385	-2.5 to 2.5	Pass
				50	3.80	-30.184	-0.0429	-2.5 to 2.5	Pass
	707.5	50	0	20	3.23	26.064	0.0368	-2.5 to 2.5	Pass
					3.80	6.337	0.0090	-2.5 to 2.5	Pass
					4.37	-6.695	-0.0095	-2.5 to 2.5	Pass
				-30	3.80	-13.576	-0.0192	-2.5 to 2.5	Pass
				-20	3.80	-19.999	-0.0283	-2.5 to 2.5	Pass
				-10	3.80	-22.717	-0.0321	-2.5 to 2.5	Pass
				0	3.80	-23.017	-0.0325	-2.5 to 2.5	Pass
				10	3.80	-25.020	-0.0354	-2.5 to 2.5	Pass
				30	3.80	-24.161	-0.0341	-2.5 to 2.5	Pass
				40	3.80	-23.131	-0.0327	-2.5 to 2.5	Pass
				50	3.80	-24.791	-0.0350	-2.5 to 2.5	Pass
	711	50	0	20	3.23	21.257	0.0299	-2.5 to 2.5	Pass
					3.80	3.591	0.0051	-2.5 to 2.5	Pass
					4.37	-8.154	-0.0115	-2.5 to 2.5	Pass
				-30	3.80	-13.733	-0.0193	-2.5 to 2.5	Pass
				-20	3.80	-19.083	-0.0268	-2.5 to 2.5	Pass
				-10	3.80	-22.559	-0.0317	-2.5 to 2.5	Pass
				0	3.80	-24.233	-0.0341	-2.5 to 2.5	Pass
				10	3.80	-26.007	-0.0366	-2.5 to 2.5	Pass
				30	3.80	-23.961	-0.0337	-2.5 to 2.5	Pass
				40	3.80	-26.679	-0.0375	-2.5 to 2.5	Pass
				50	3.80	-25.949	-0.0365	-2.5 to 2.5	Pass
16QAM	704	50	0	20	3.23	-24.590	-0.0349	-2.5 to 2.5	Pass
					3.80	-18.353	-0.0261	-2.5 to 2.5	Pass
					4.37	-10.071	-0.0143	-2.5 to 2.5	Pass
				-30	3.80	-6.008	-0.0085	-2.5 to 2.5	Pass
				-20	3.80	-2.031	-0.0029	-2.5 to 2.5	Pass
				-10	3.80	-0.629	-0.0009	-2.5 to 2.5	Pass
				0	3.80	2.317	0.0033	-2.5 to 2.5	Pass
				10	3.80	4.063	0.0058	-2.5 to 2.5	Pass
				30	3.80	6.409	0.0091	-2.5 to 2.5	Pass
				40	3.80	8.039	0.0114	-2.5 to 2.5	Pass
				50	3.80	7.997	0.0114	-2.5 to 2.5	Pass
	707.5	50	0	20	3.23	-23.117	-0.0327	-2.5 to 2.5	Pass
					3.80	-16.136	-0.0228	-2.5 to 2.5	Pass
					4.37	-10.071	-0.0142	-2.5 to 2.5	Pass
				-30	3.80	-5.035	-0.0071	-2.5 to 2.5	Pass
				-20	3.80	-3.319	-0.0047	-2.5 to 2.5	Pass
				-10	3.80	-2.232	-0.0032	-2.5 to 2.5	Pass
				0	3.80	-0.830	-0.0012	-2.5 to 2.5	Pass
				10	3.80	2.232	0.0032	-2.5 to 2.5	Pass
				30	3.80	3.691	0.0052	-2.5 to 2.5	Pass
				40	3.80	4.749	0.0067	-2.5 to 2.5	Pass
				50	3.80	5.851	0.0083	-2.5 to 2.5	Pass
	711	50	0	20	3.23	-25.320	-0.0356	-2.5 to 2.5	Pass
					3.80	-18.196	-0.0256	-2.5 to 2.5	Pass
					4.37	-15.607	-0.0220	-2.5 to 2.5	Pass
				-30	3.80	-12.016	-0.0169	-2.5 to 2.5	Pass
				-20	3.80	-8.683	-0.0122	-2.5 to 2.5	Pass
				-10	3.80	-7.768	-0.0109	-2.5 to 2.5	Pass
				0	3.80	-6.123	-0.0086	-2.5 to 2.5	Pass
				10	3.80	-3.591	-0.0051	-2.5 to 2.5	Pass
				30	3.80	-3.119	-0.0044	-2.5 to 2.5	Pass
				40	3.80	-2.990	-0.0042	-2.5 to 2.5	Pass
				50	3.80	0.029	0.0000	-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

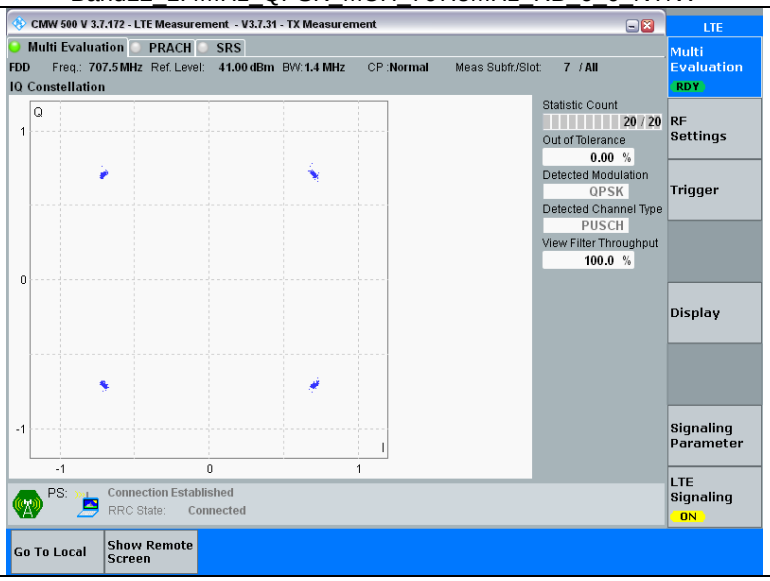
3.1.4 B12_10MHz

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

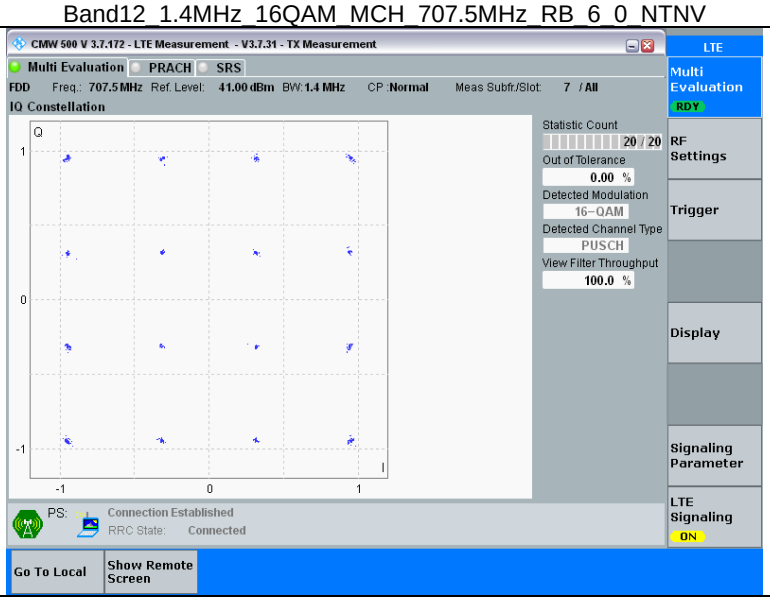
3.2 Test Graph

3.2.1 B12_1.4MHz

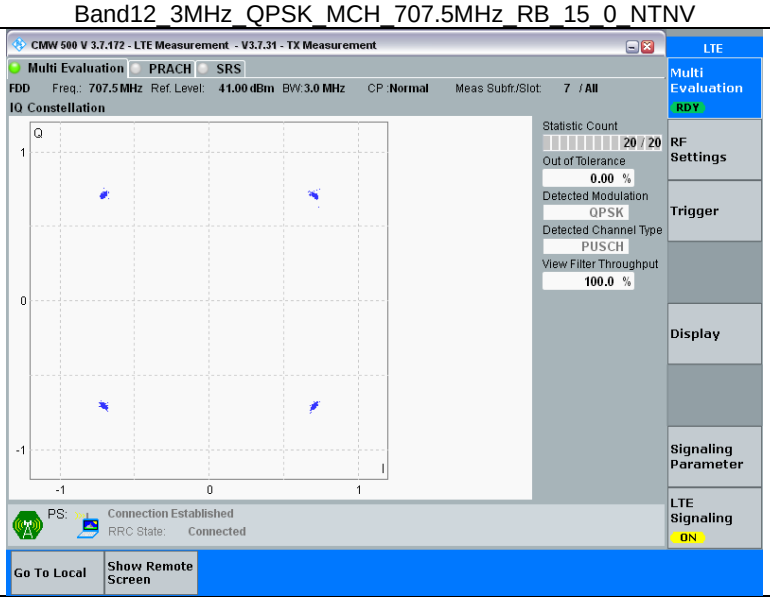
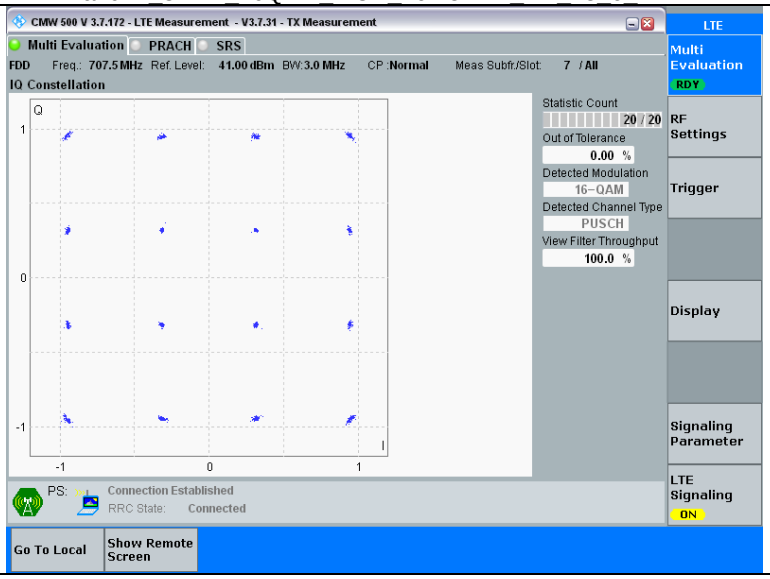
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_6_0_NTNV



Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV

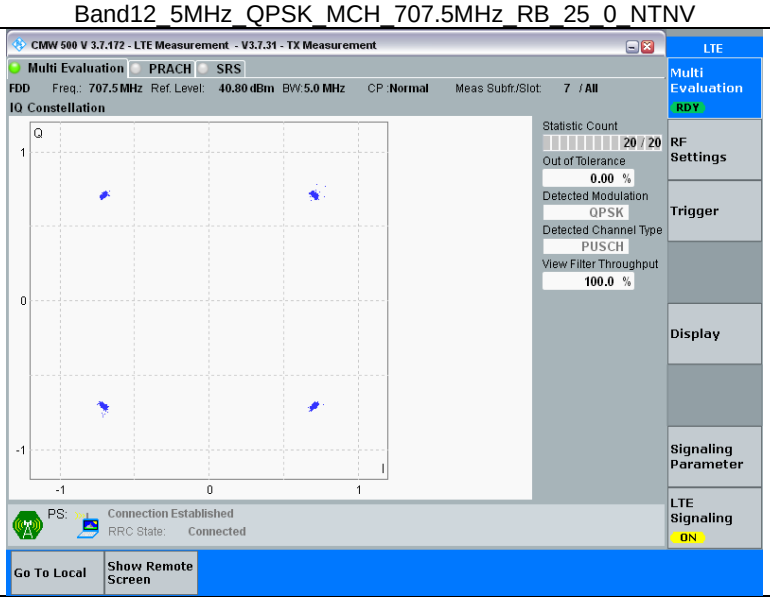


3.2.2 B12_3MHz

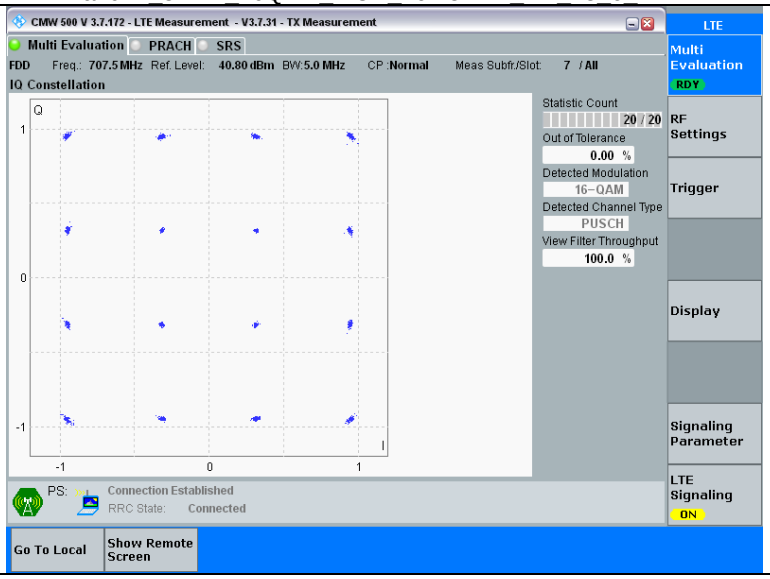
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV

Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV


3.2.3 B12_5MHz

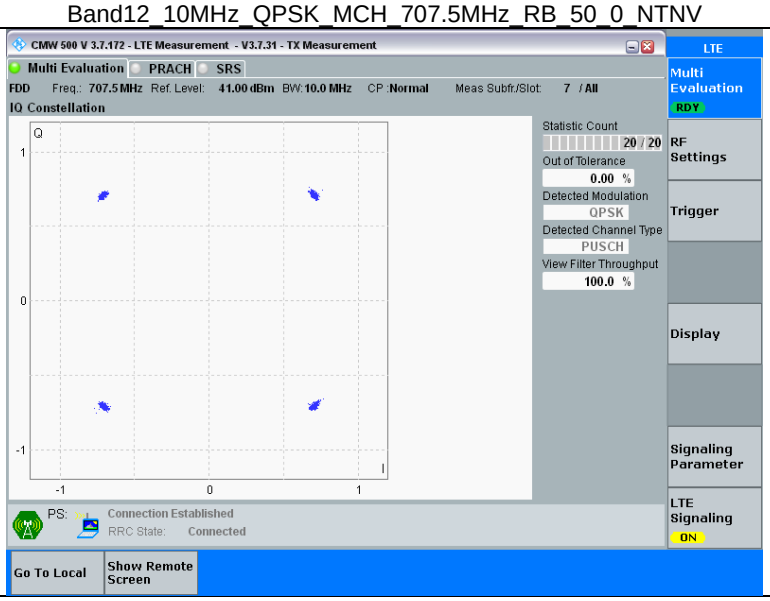
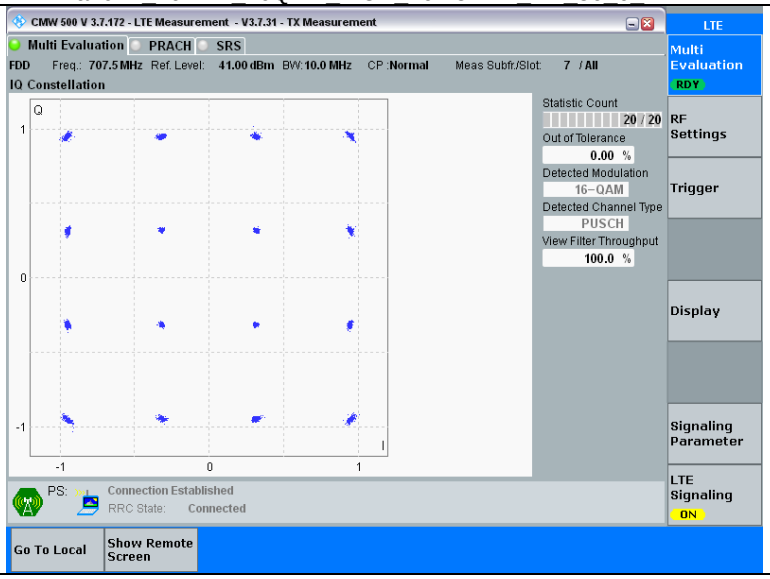
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



3.2.4 B12_10MHz

Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV

Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV


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	1.121	/	Pass
		707.5	6	0	1.108	/	Pass
		715.3	6	0	1.118	/	Pass
	16QAM	699.7	6	0	1.112	/	Pass
		707.5	6	0	1.107	/	Pass
		715.3	6	0	1.123	/	Pass
3	QPSK	700.5	15	0	2.753	/	Pass
		707.5	15	0	2.759	/	Pass
		714.5	15	0	2.753	/	Pass
	16QAM	700.5	15	0	2.754	/	Pass
		707.5	15	0	2.759	/	Pass
		714.5	15	0	2.750	/	Pass
5	QPSK	701.5	25	0	4.579	/	Pass
		707.5	25	0	4.549	/	Pass
		713.5	25	0	4.549	/	Pass
	16QAM	701.5	25	0	4.566	/	Pass
		707.5	25	0	4.566	/	Pass
		713.5	25	0	4.576	/	Pass
10	QPSK	704	50	0	9.036	/	Pass
		707.5	50	0	9.055	/	Pass
		711	50	0	9.050	/	Pass
	16QAM	704	50	0	9.074	/	Pass
		707.5	50	0	9.048	/	Pass
		711	50	0	9.098	/	Pass

4.1.2 Band12_XDB

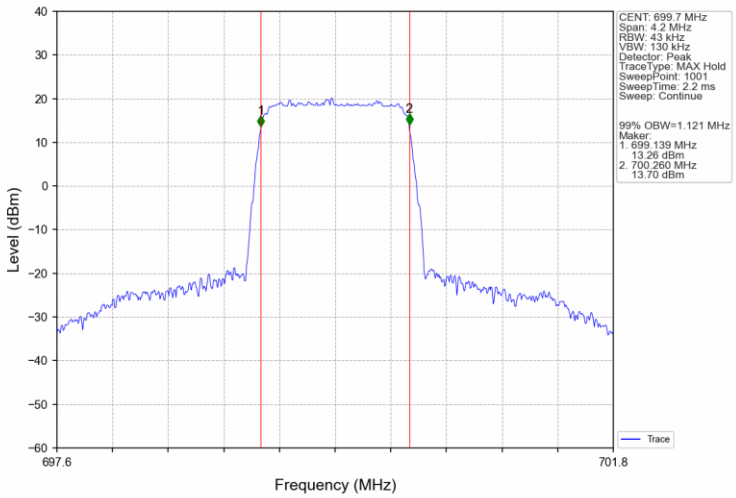
Band: 12 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	699.7	6	0	1.278	/	Pass
		707.5	6	0	1.275	/	Pass
		715.3	6	0	1.305	/	Pass
	16QAM	699.7	6	0	1.269	/	Pass
		707.5	6	0	1.265	/	Pass
		715.3	6	0	1.377	/	Pass
3	QPSK	700.5	15	0	3.116	/	Pass
		707.5	15	0	3.092	/	Pass
		714.5	15	0	3.081	/	Pass
	16QAM	700.5	15	0	3.081	/	Pass
		707.5	15	0	3.112	/	Pass
		714.5	15	0	3.106	/	Pass
5	QPSK	701.5	25	0	5.034	/	Pass
		707.5	25	0	5.052	/	Pass
		713.5	25	0	5.091	/	Pass

	16QAM	701.5	25	0	5.065	/	Pass
		707.5	25	0	5.077	/	Pass
		713.5	25	0	5.075	/	Pass
10	QPSK	704	50	0	10.009	/	Pass
		707.5	50	0	9.965	/	Pass
		711	50	0	10.069	/	Pass
	16QAM	704	50	0	10.090	/	Pass
		707.5	50	0	10.070	/	Pass
		711	50	0	10.079	/	Pass

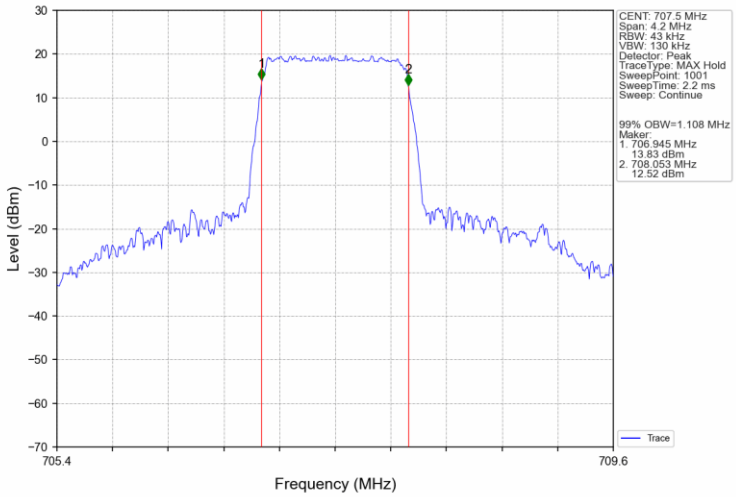
4.2 Test Graph

4.2.1 Band12_OBW

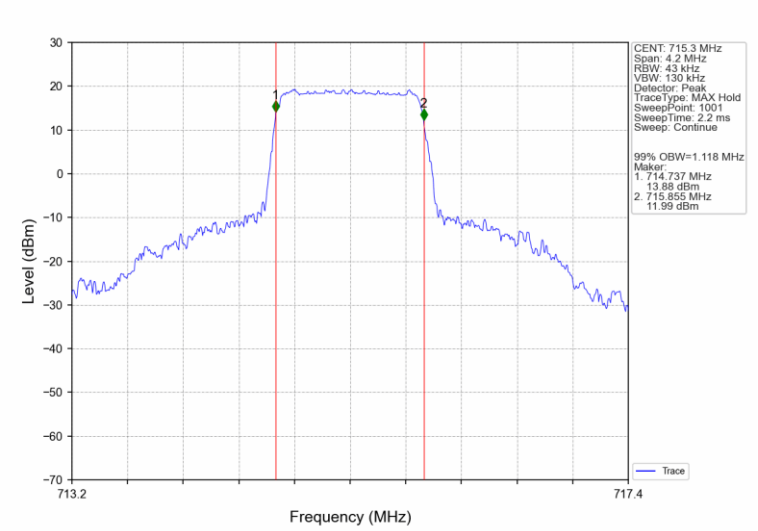
Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV



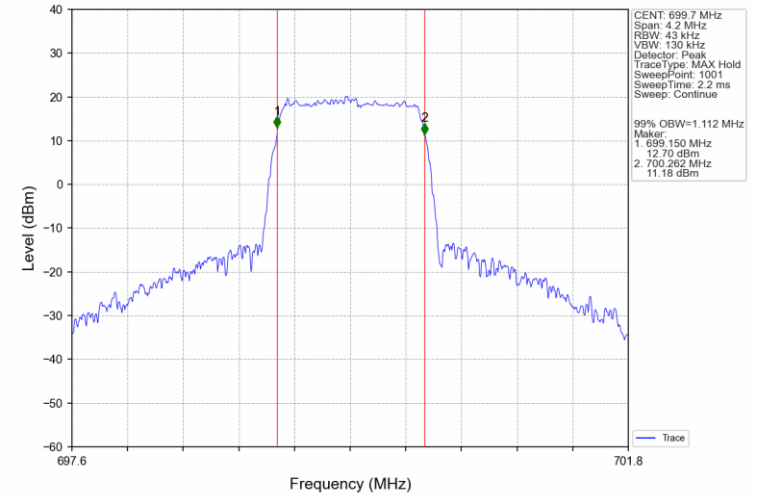
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_6_0_NTNV



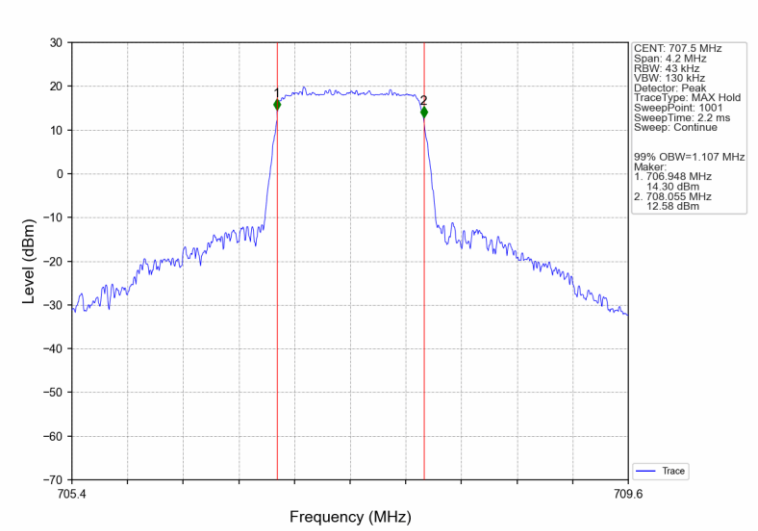
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



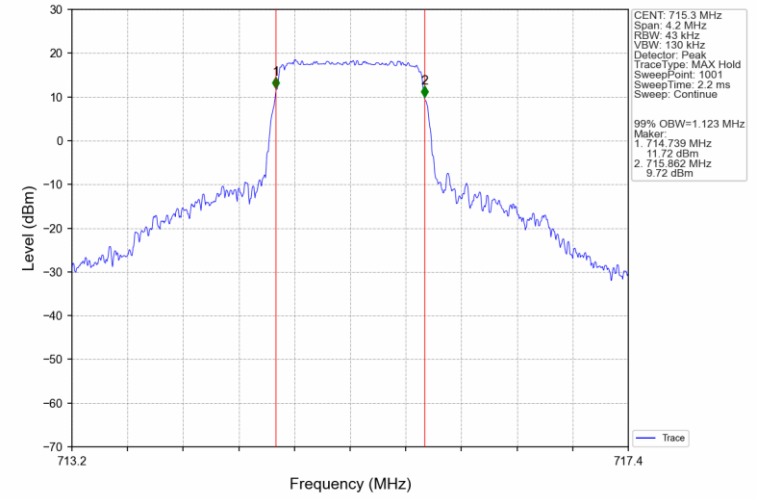
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



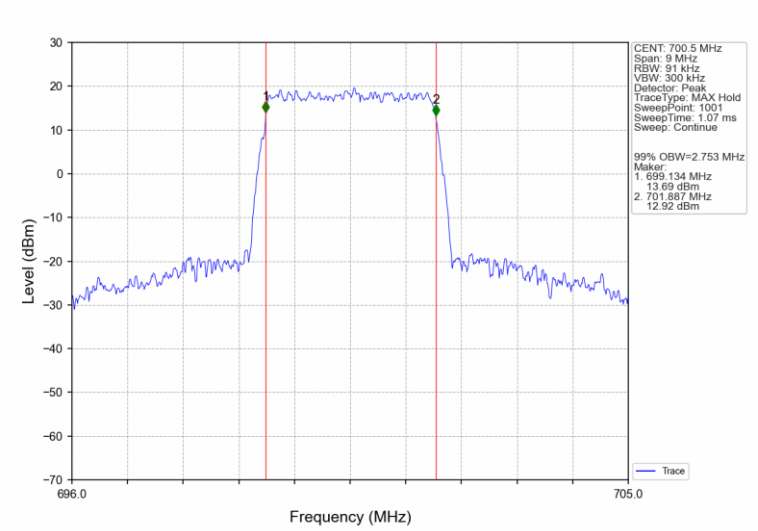
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



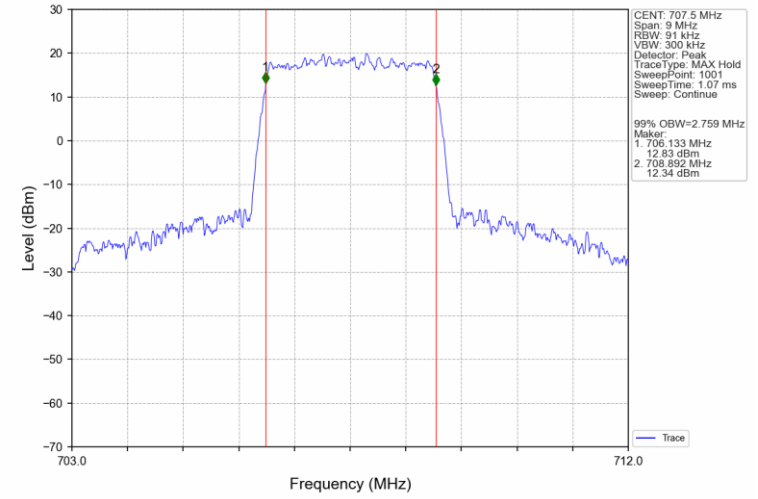
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



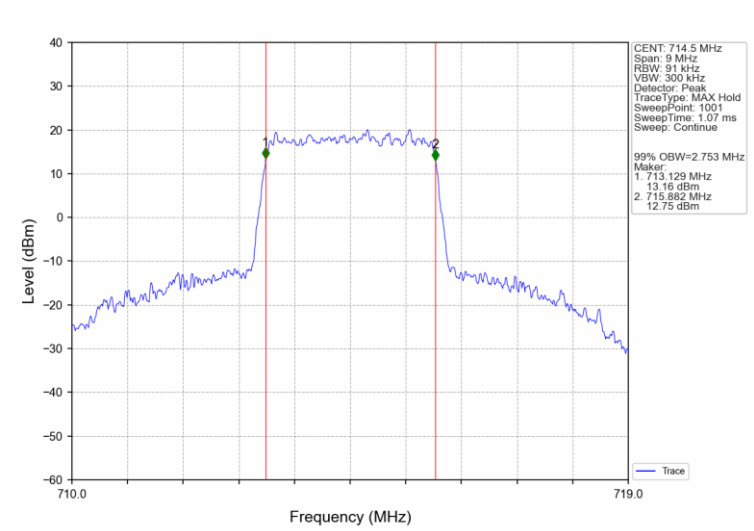
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



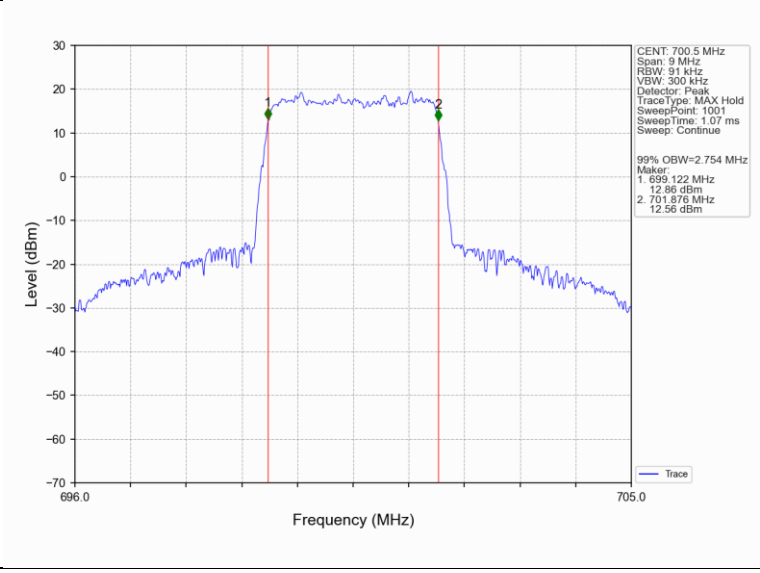
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



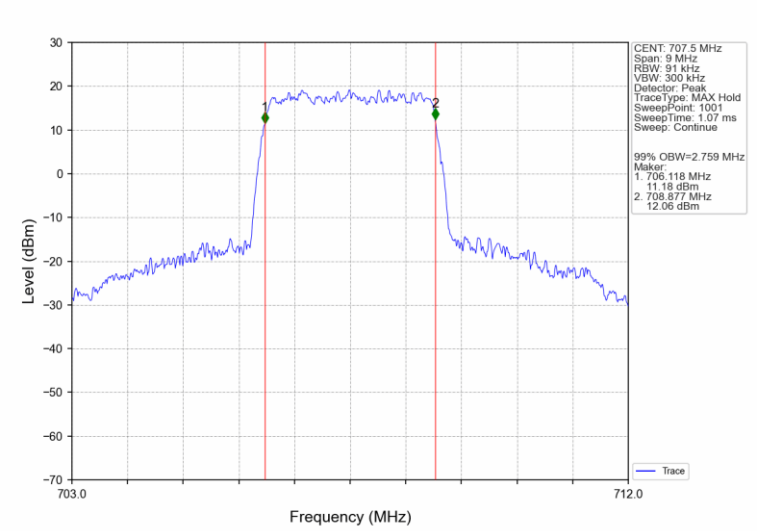
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



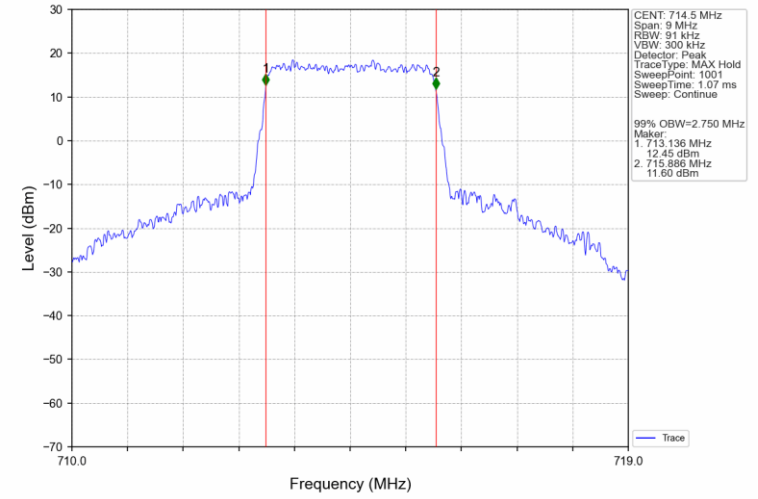
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



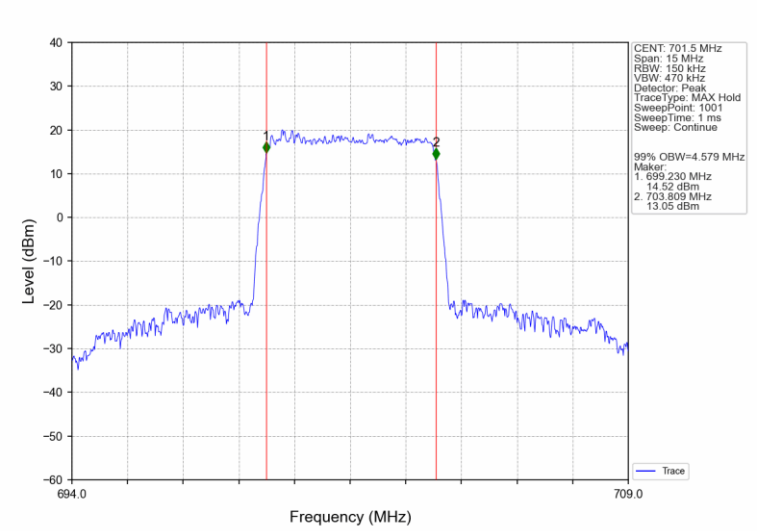
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



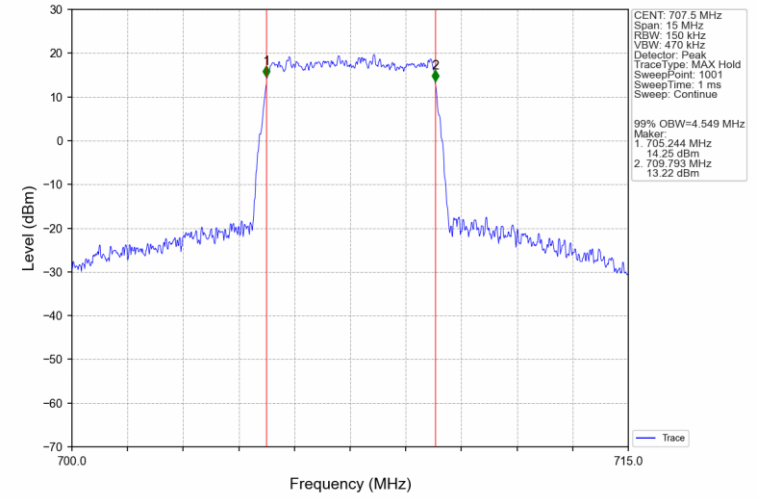
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



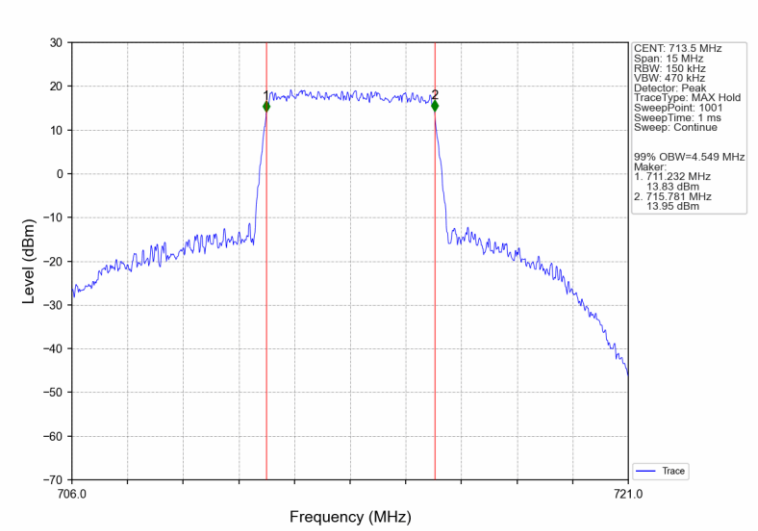
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



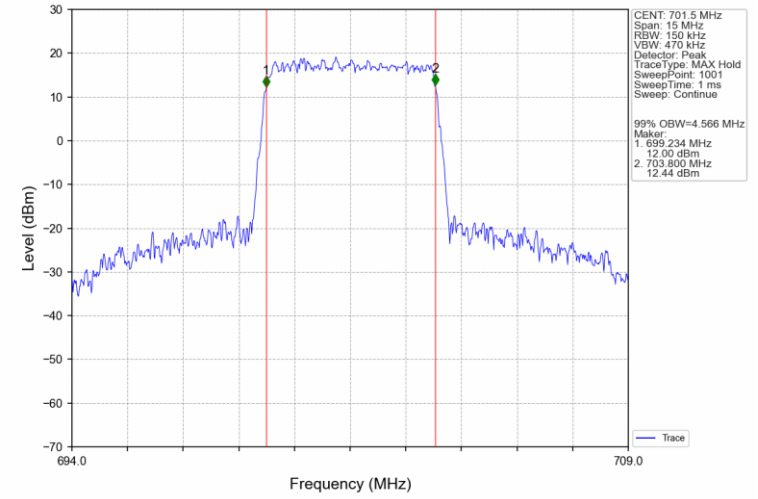
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



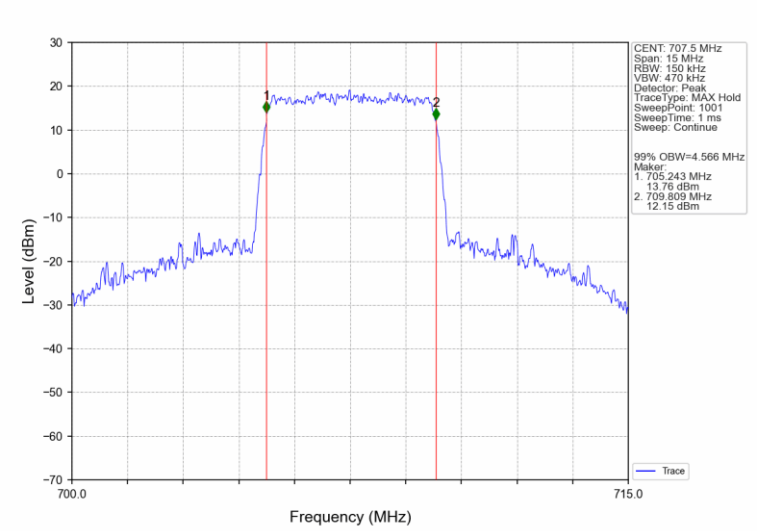
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



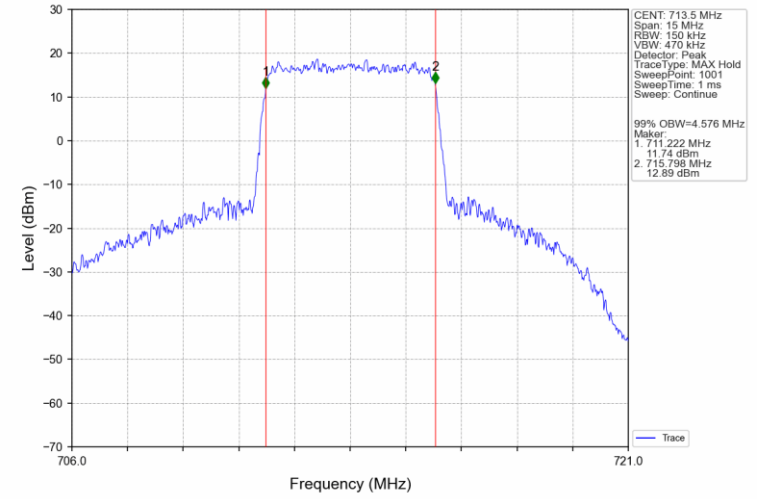
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



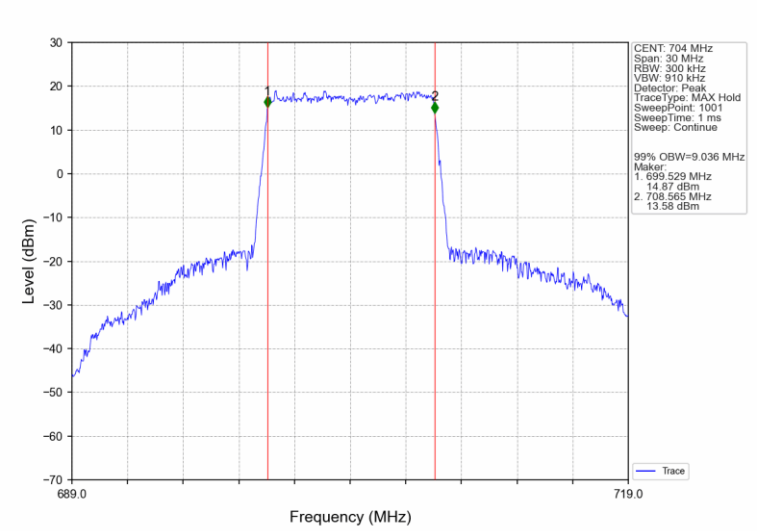
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



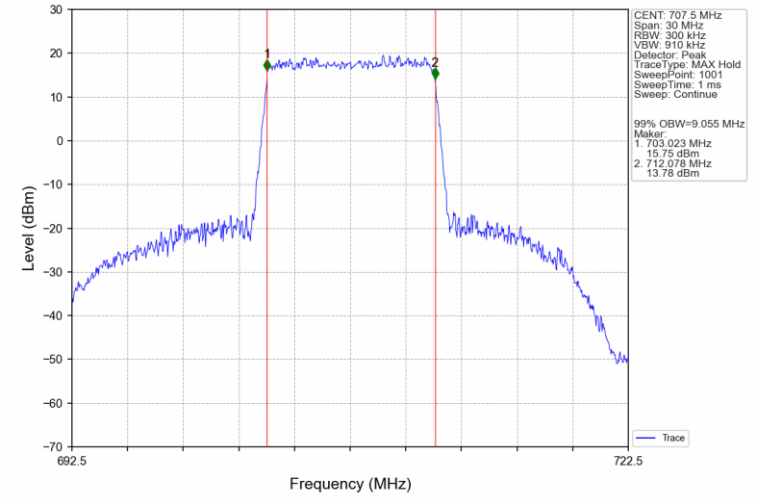
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



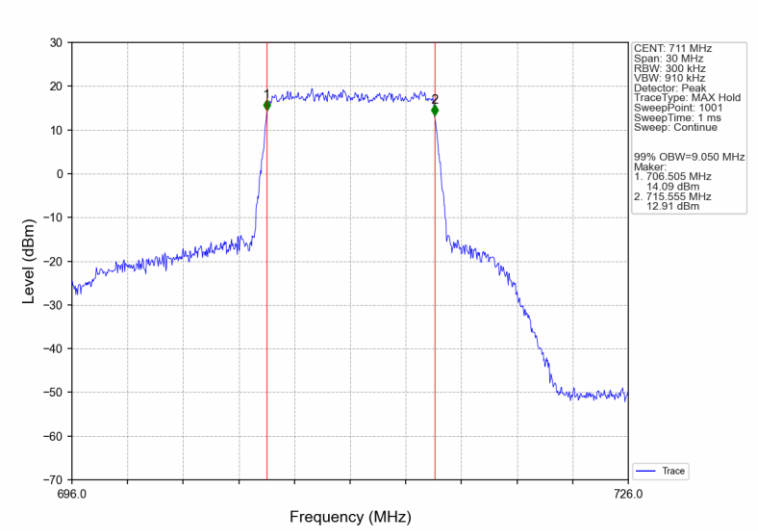
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



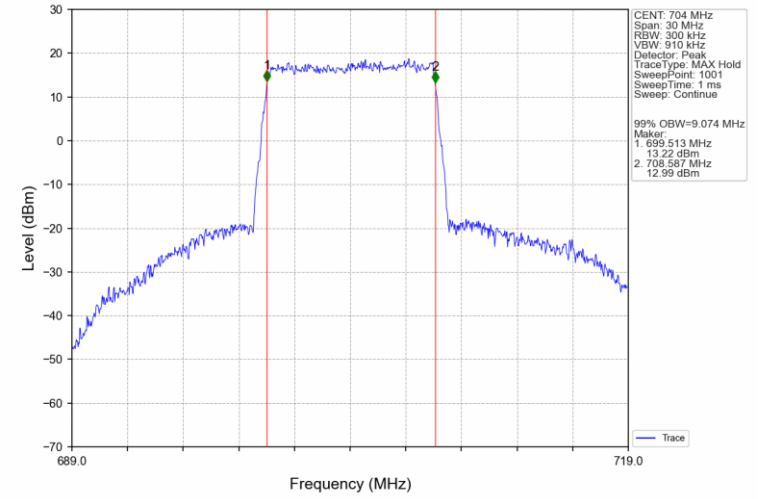
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



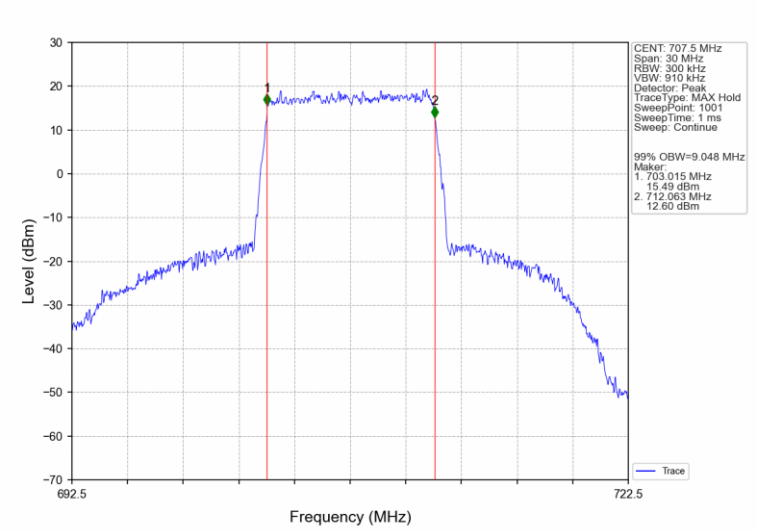
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



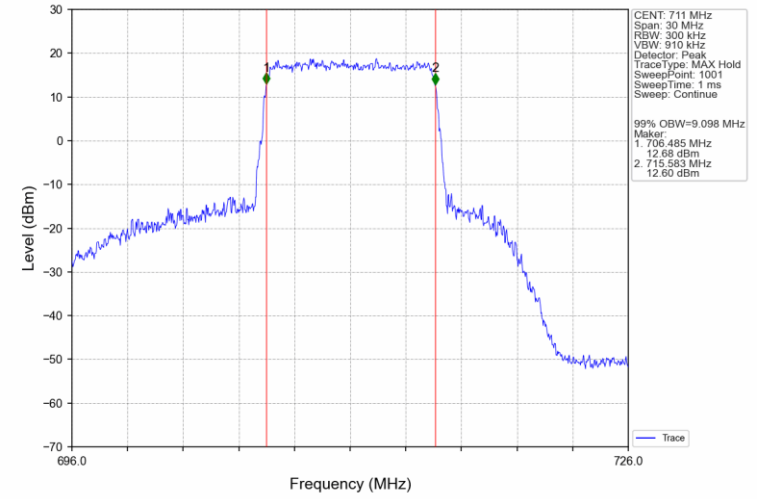
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV

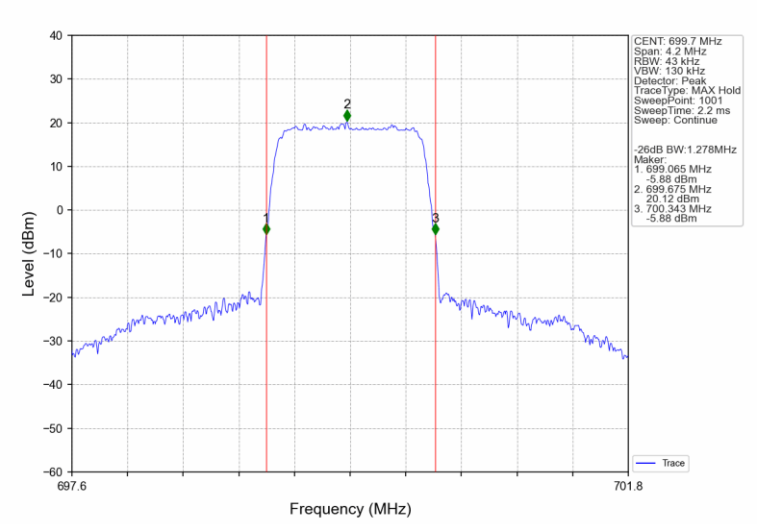


Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV

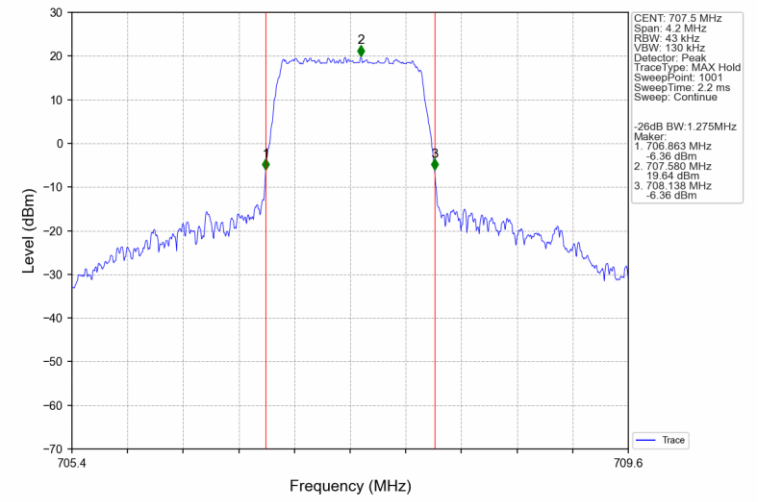


4.2.2 Band12_XDB

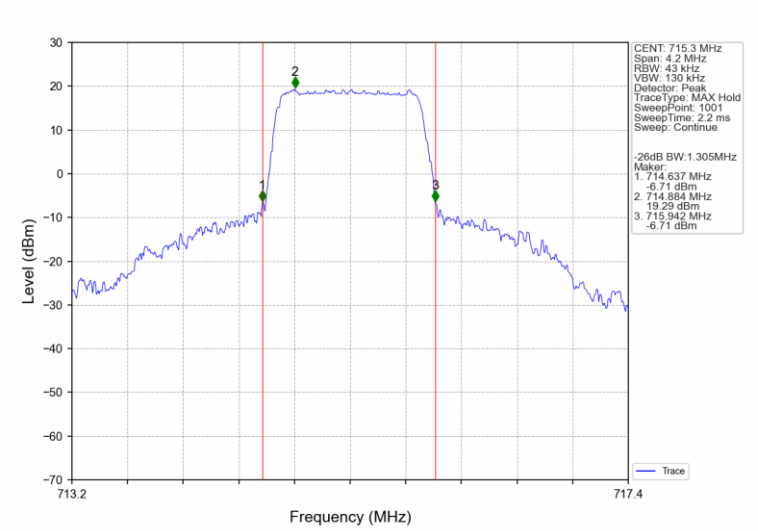
Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV



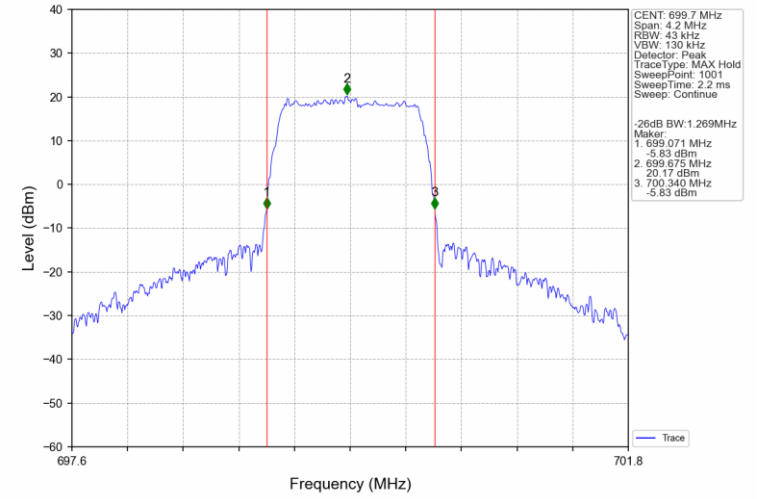
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_6_0_NTNV



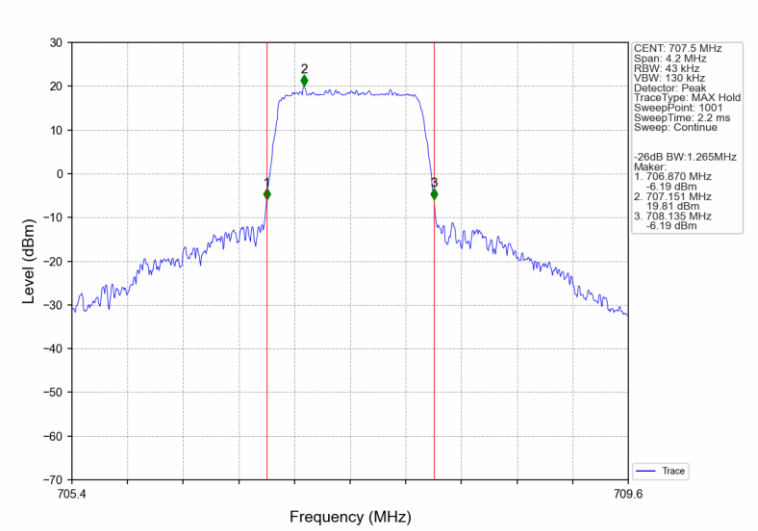
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



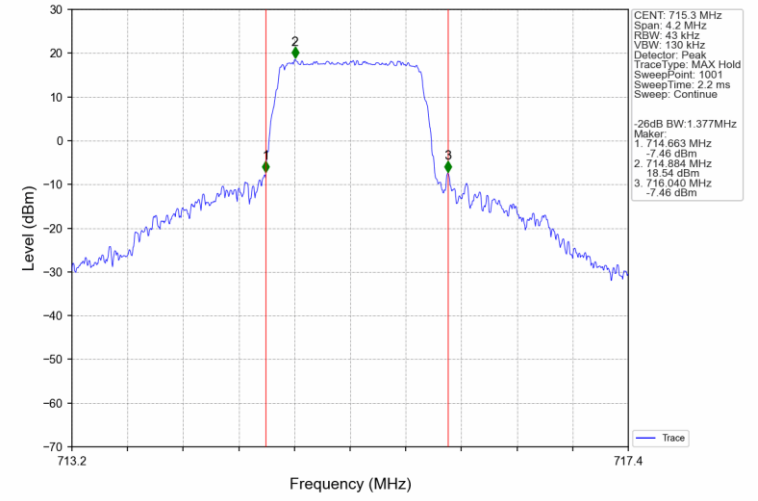
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



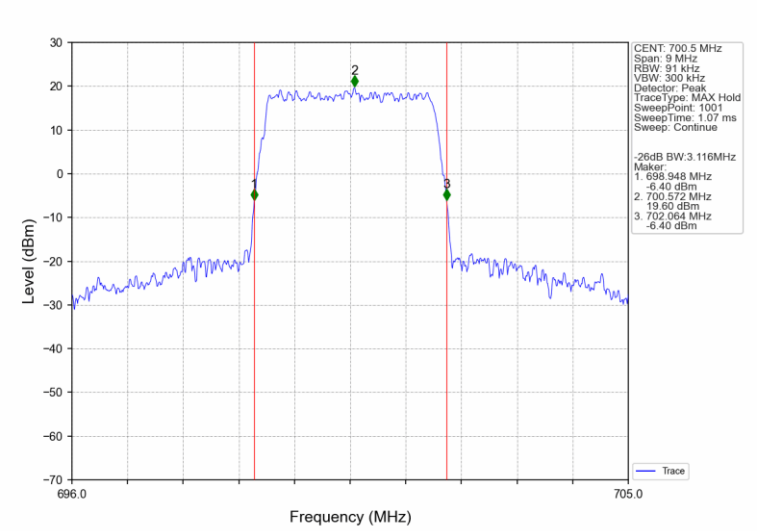
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



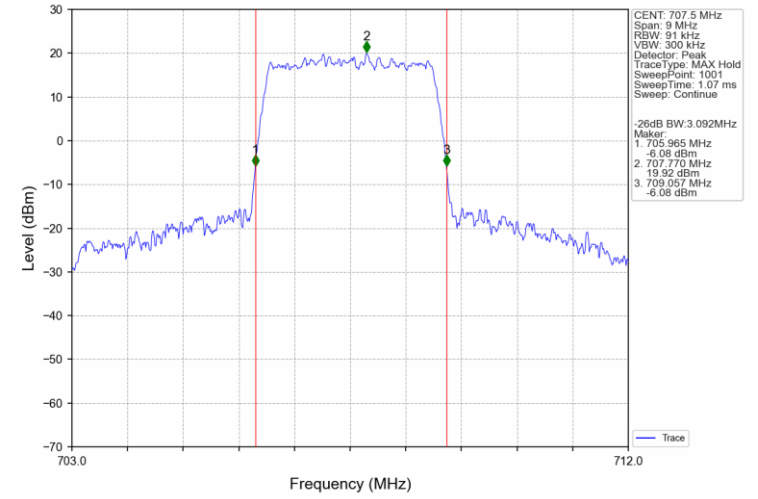
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



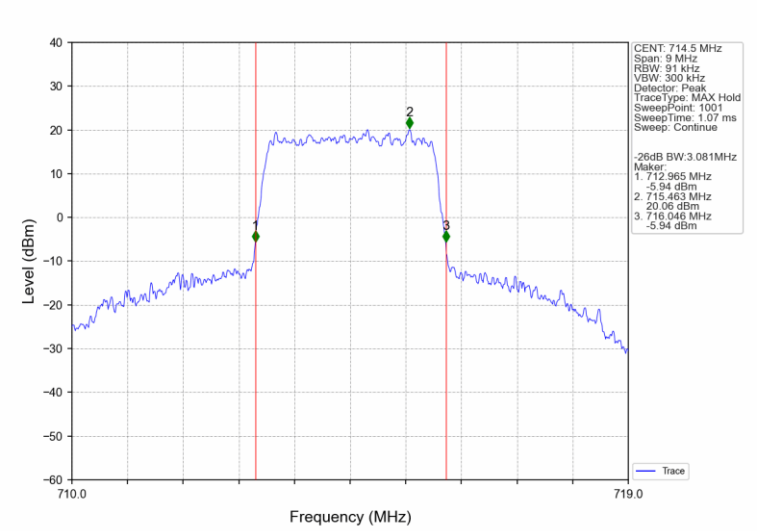
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



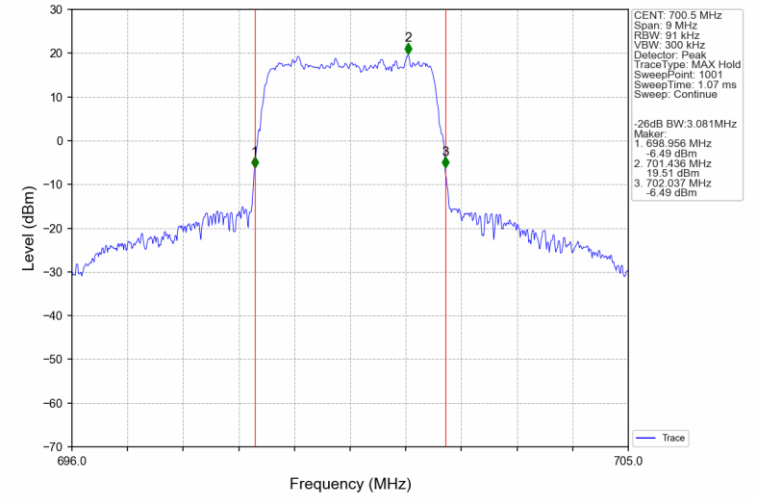
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



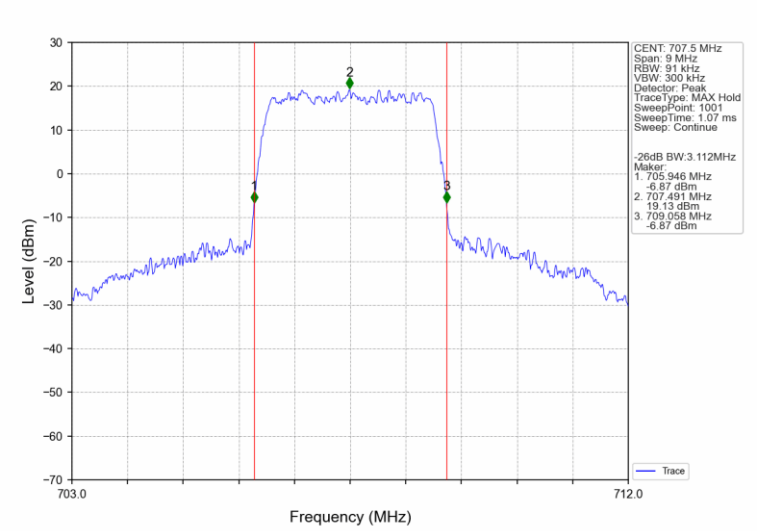
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



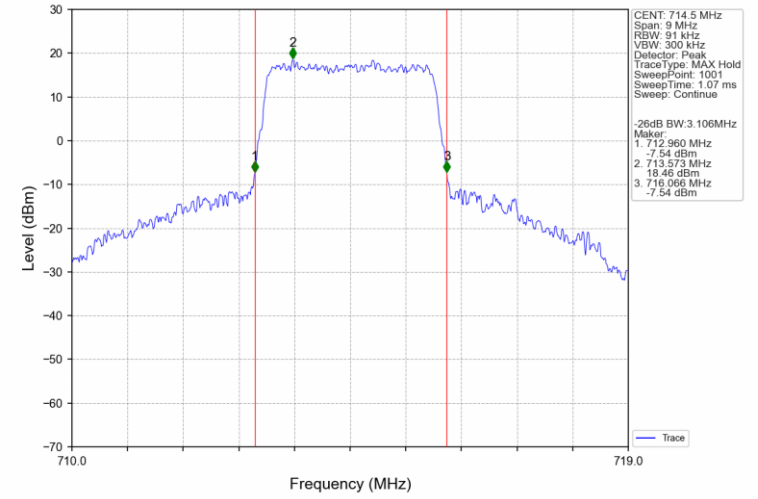
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



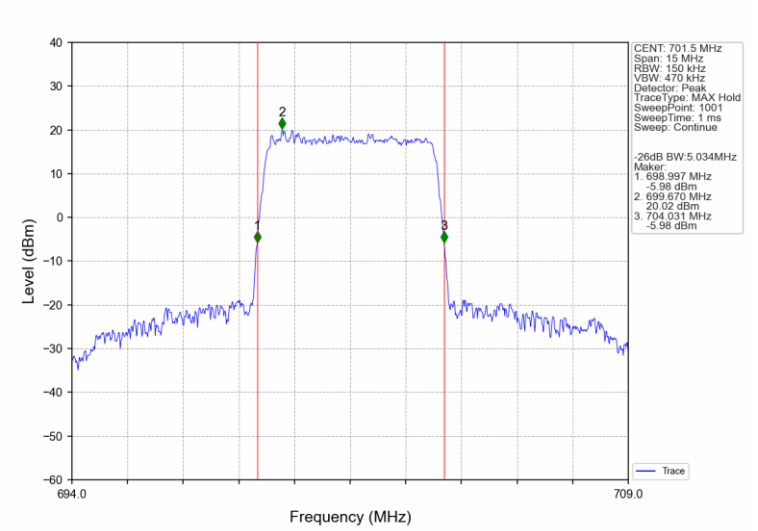
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



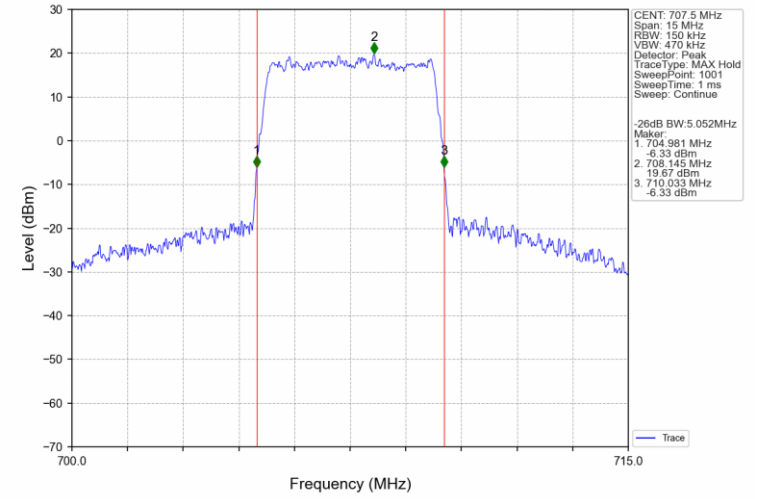
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



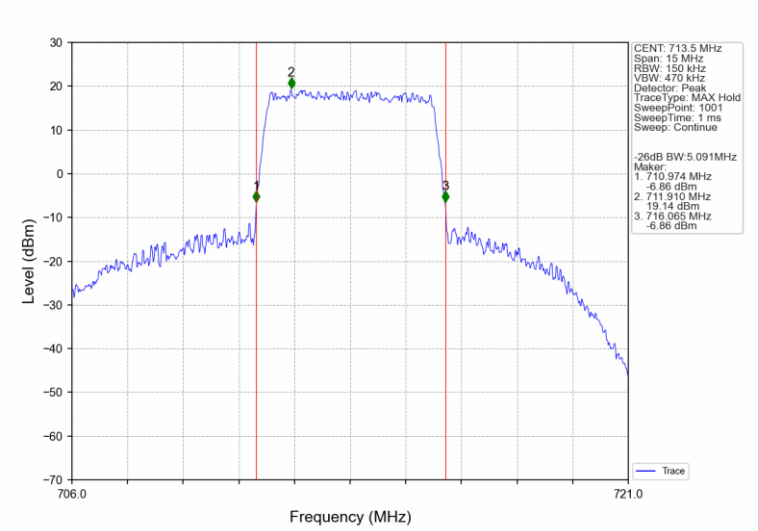
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



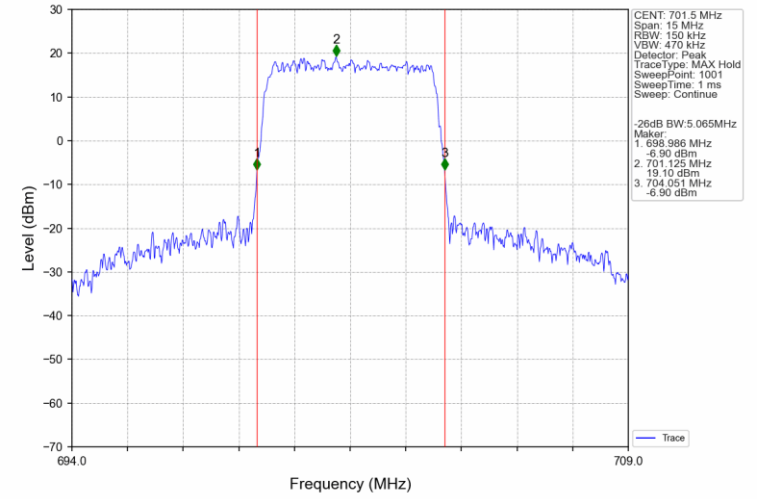
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



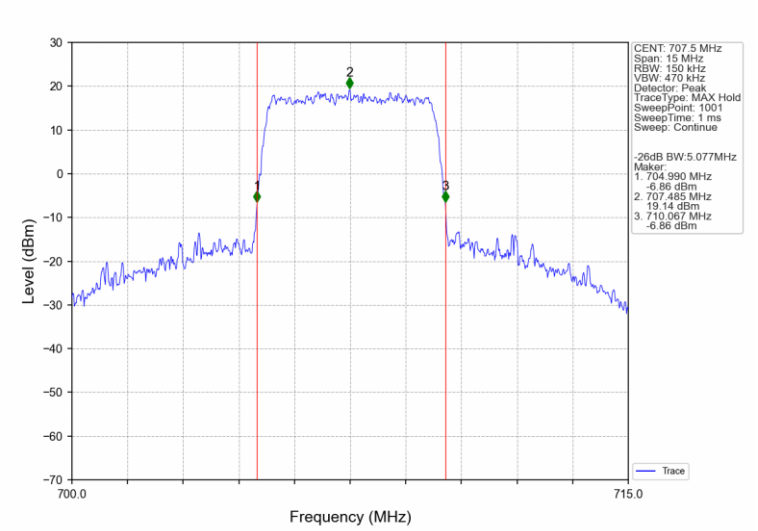
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



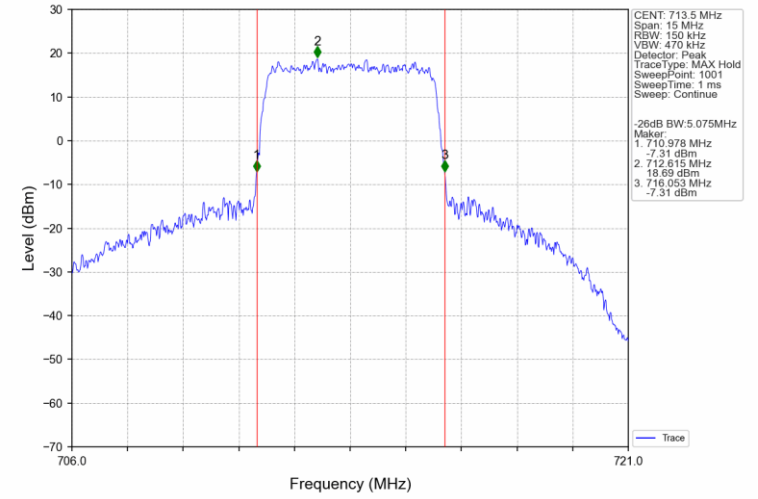
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



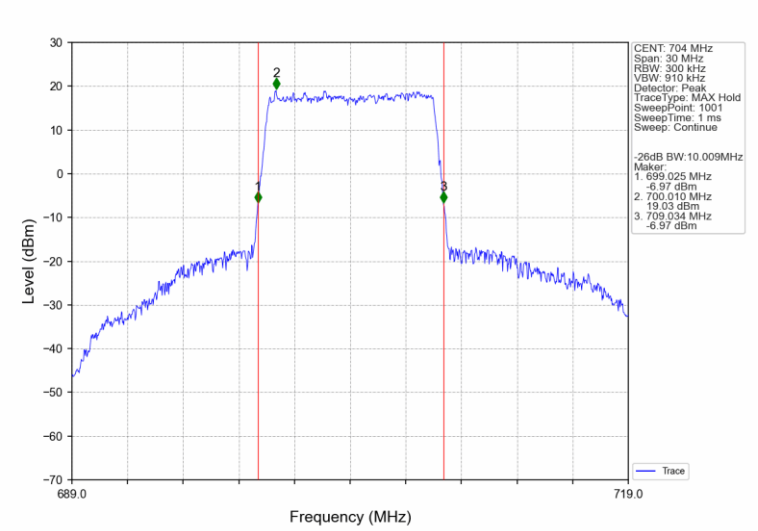
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



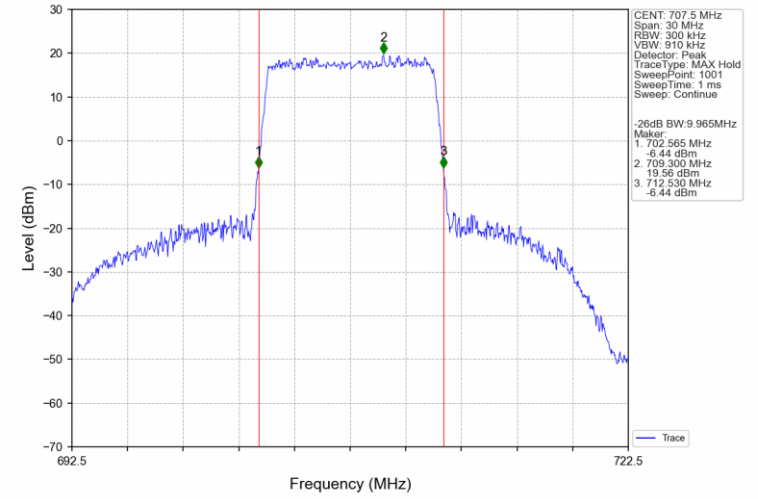
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



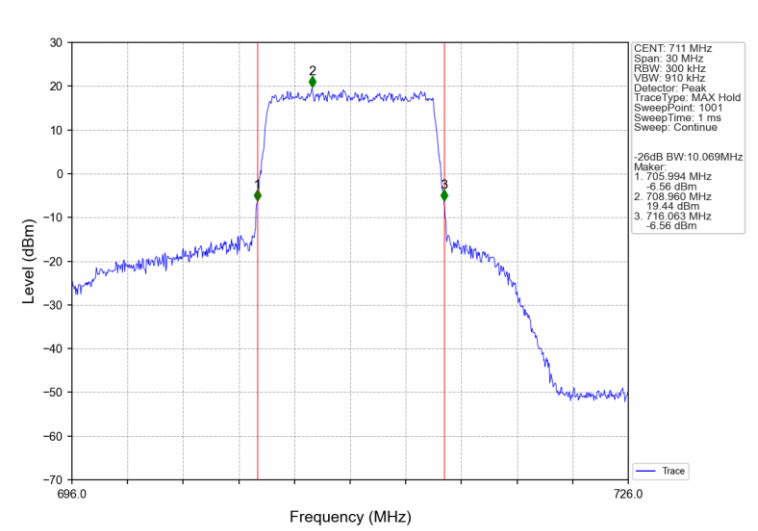
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



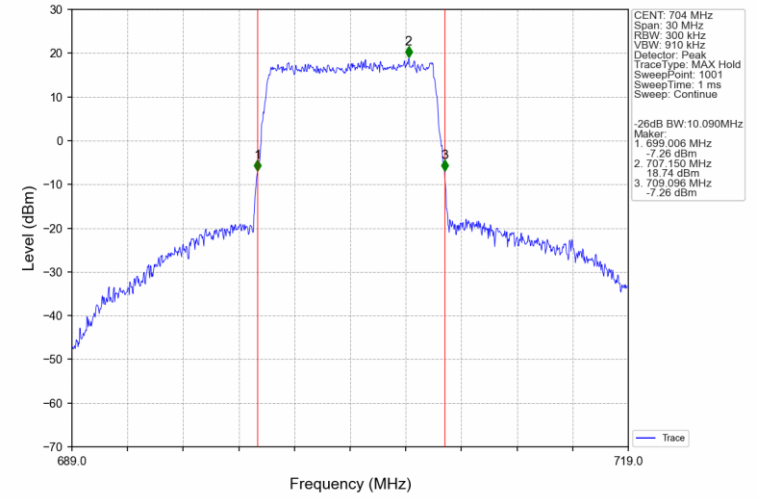
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



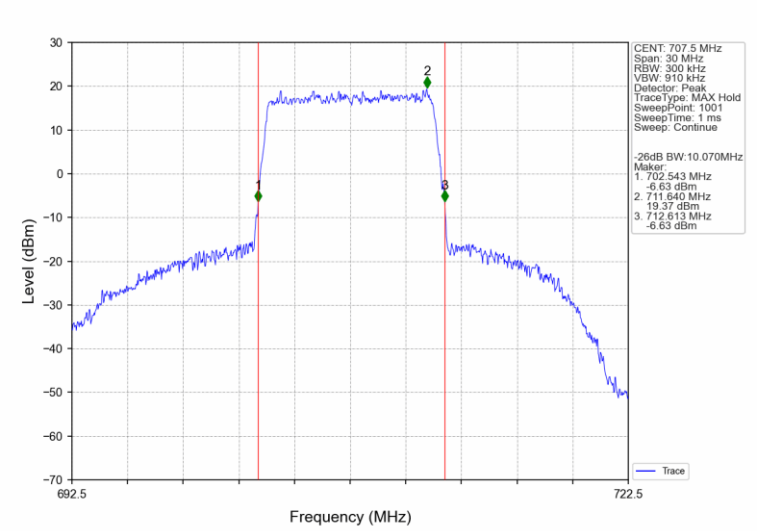
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



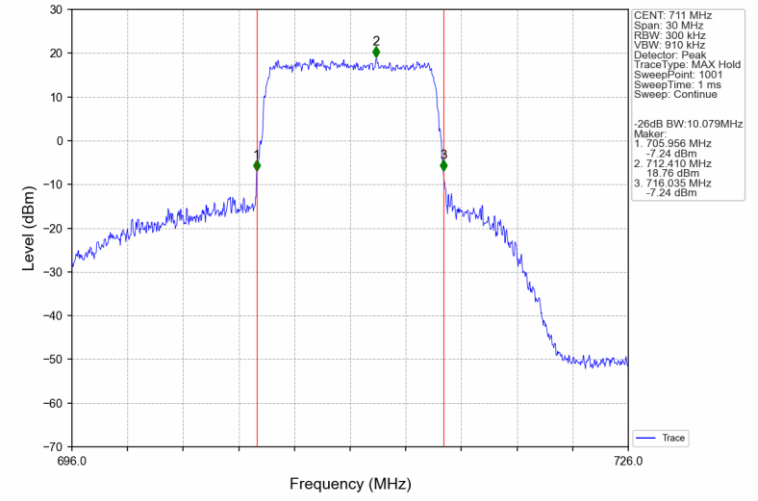
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



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	5.26	<=13	Pass
	707.5	6	0	4.99	<=13	Pass
	715.3	6	0	3.70	<=13	Pass
16QAM	699.7	6	0	5.70	<=13	Pass
	707.5	6	0	5.45	<=13	Pass
	715.3	6	0	4.66	<=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	5.48	<=13	Pass
	707.5	15	0	5.14	<=13	Pass
	714.5	15	0	4.28	<=13	Pass
16QAM	700.5	15	0	6.07	<=13	Pass
	707.5	15	0	5.71	<=13	Pass
	714.5	15	0	5.15	<=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	5.50	<=13	Pass
	707.5	25	0	5.37	<=13	Pass
	713.5	25	0	4.98	<=13	Pass
16QAM	701.5	25	0	6.22	<=13	Pass
	707.5	25	0	5.94	<=13	Pass
	713.5	25	0	5.84	<=13	Pass

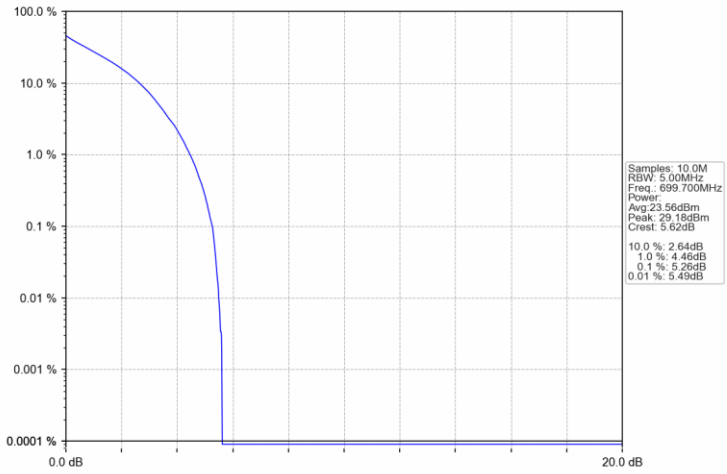
5.1.4 B12_10MHz

Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	704	50	0	5.55	<=13	Pass
	707.5	50	0	5.47	<=13	Pass
	711	50	0	5.26	<=13	Pass
16QAM	704	50	0	6.25	<=13	Pass
	707.5	50	0	6.03	<=13	Pass
	711	50	0	5.89	<=13	Pass

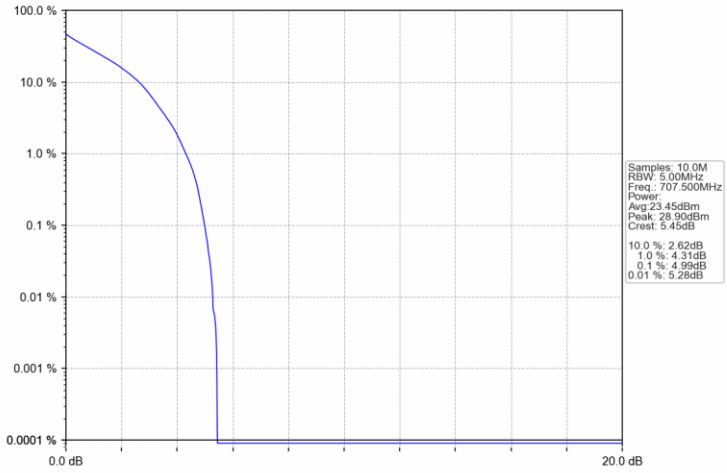
5.2 Test Graph

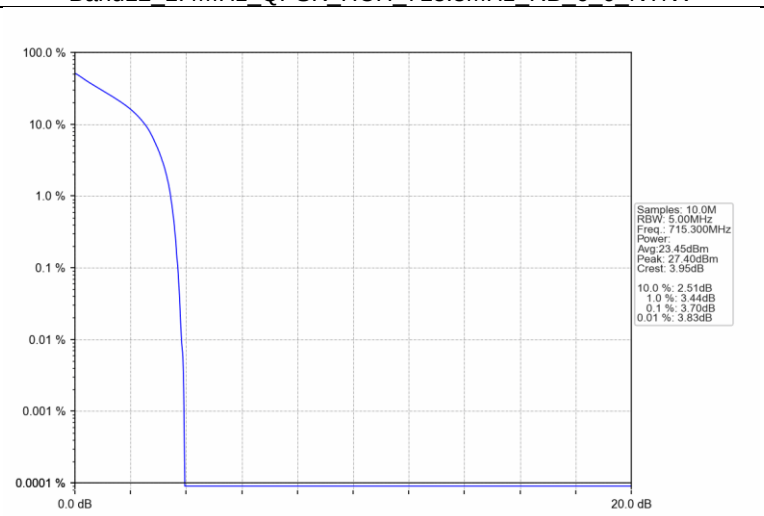
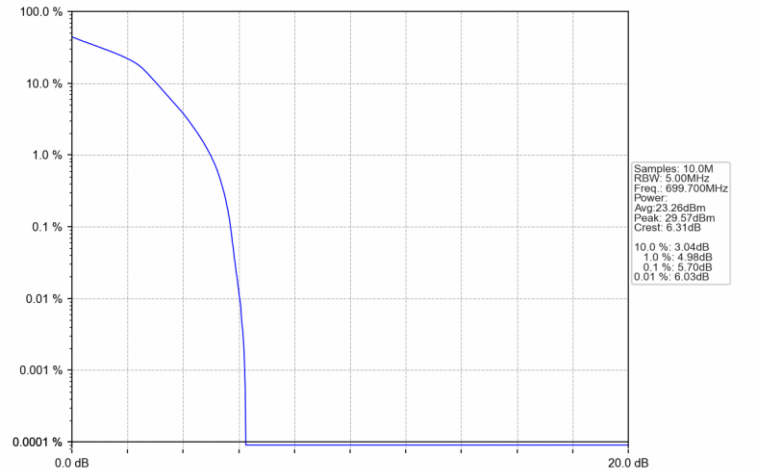
5.2.1 B12_1.4MHz

Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV

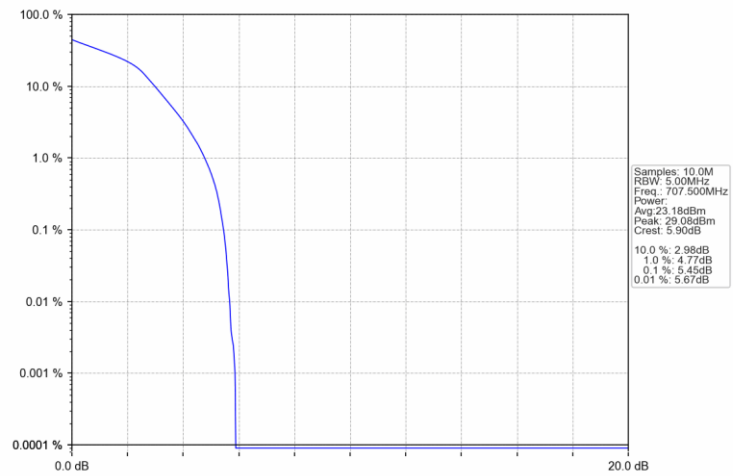


Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_6_0_NTNV

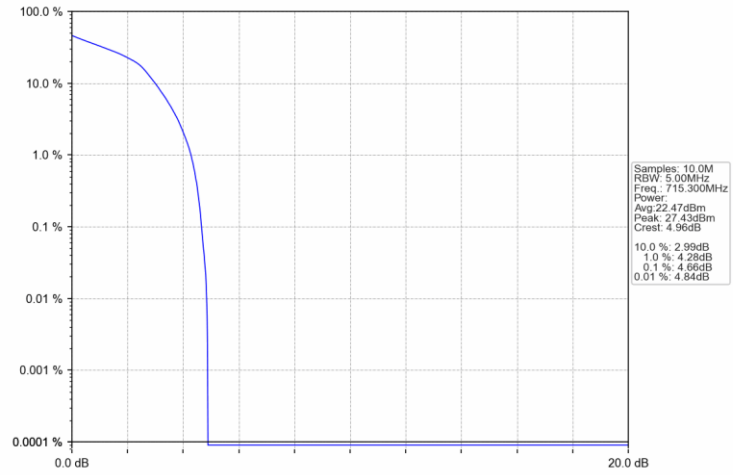


Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV

Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV


Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV

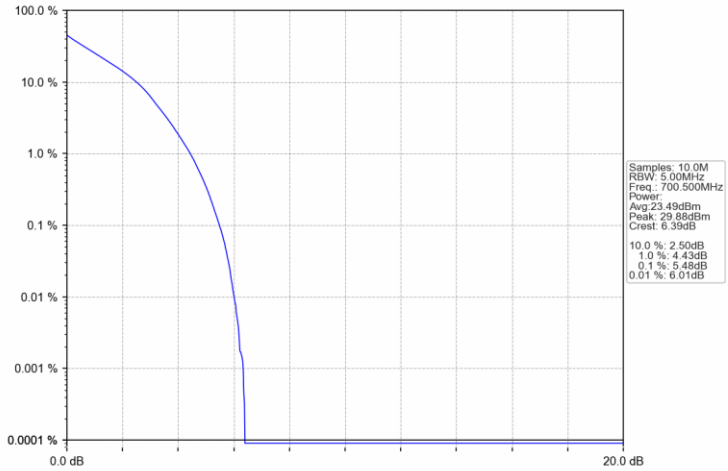


Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV

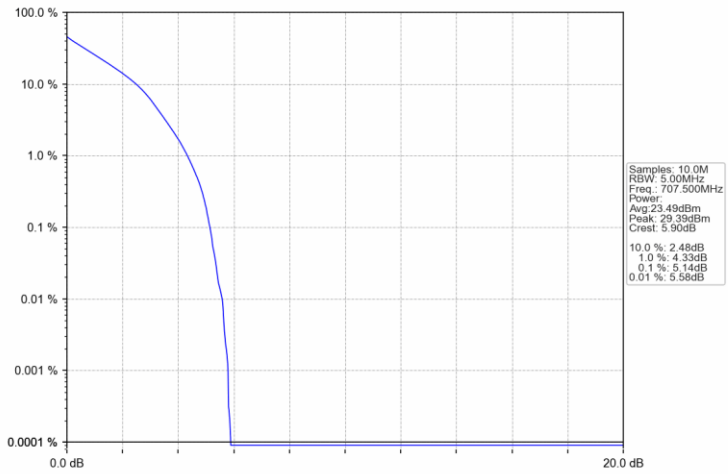


5.2.2 B12_3MHz

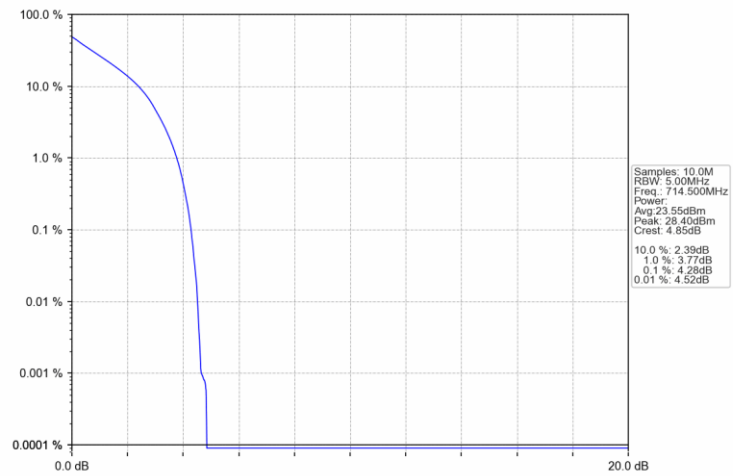
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



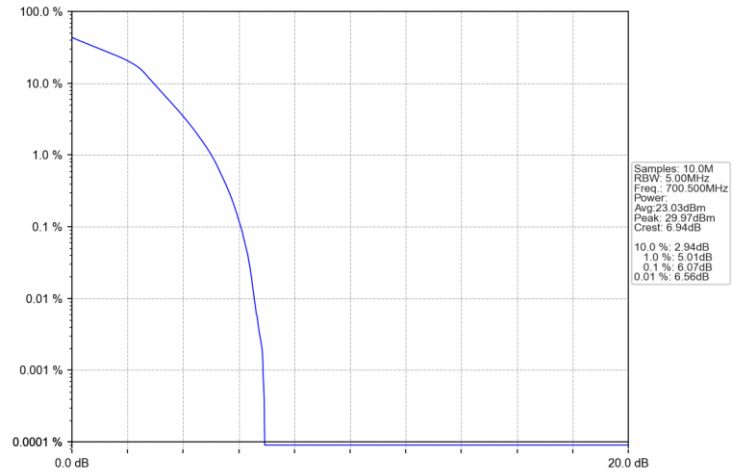
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



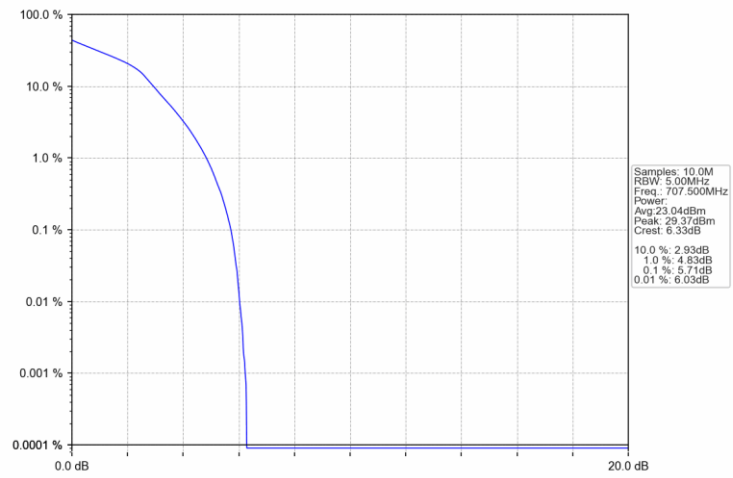
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



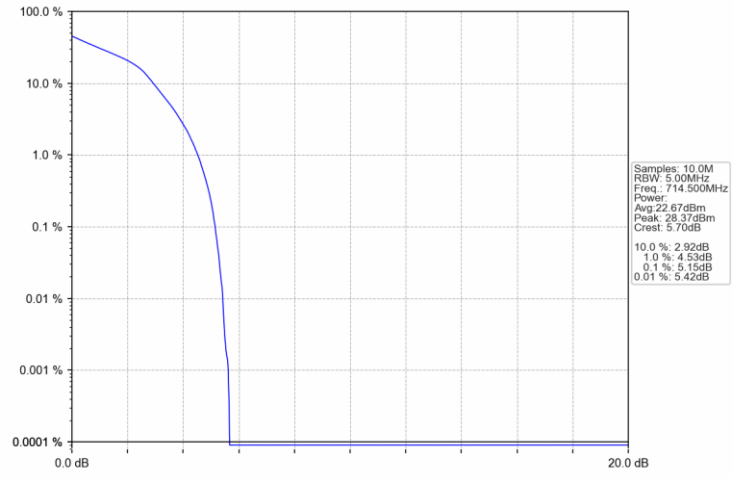
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



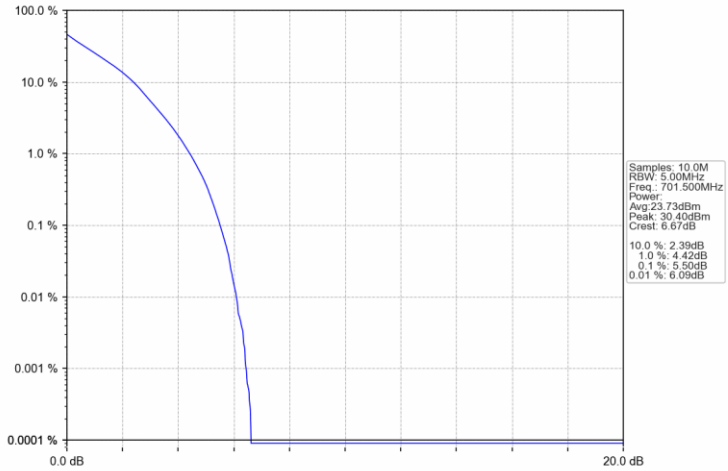
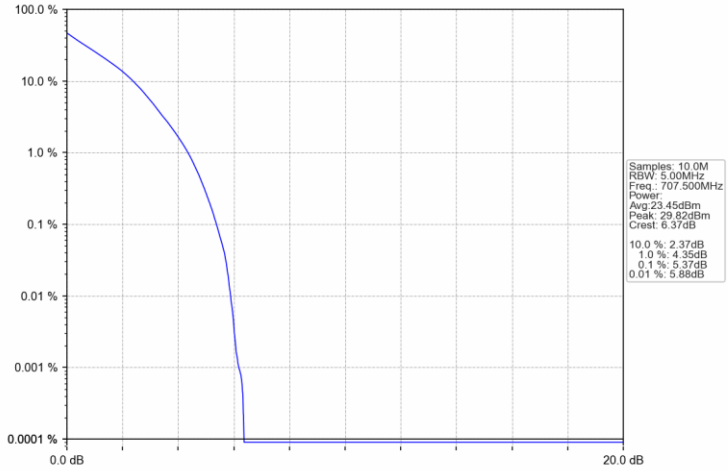
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



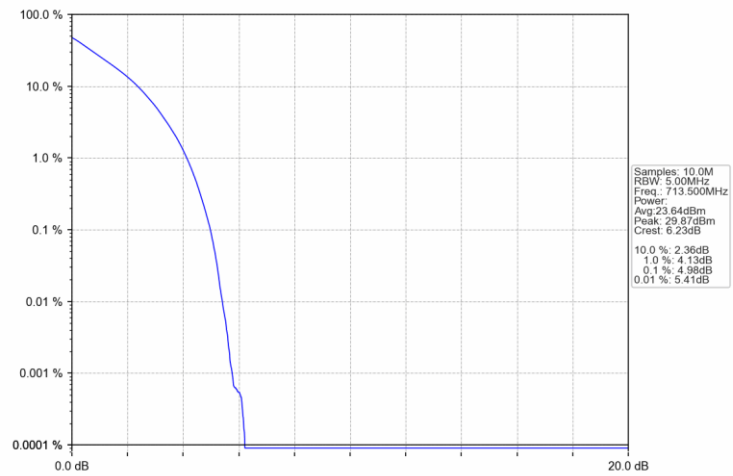
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



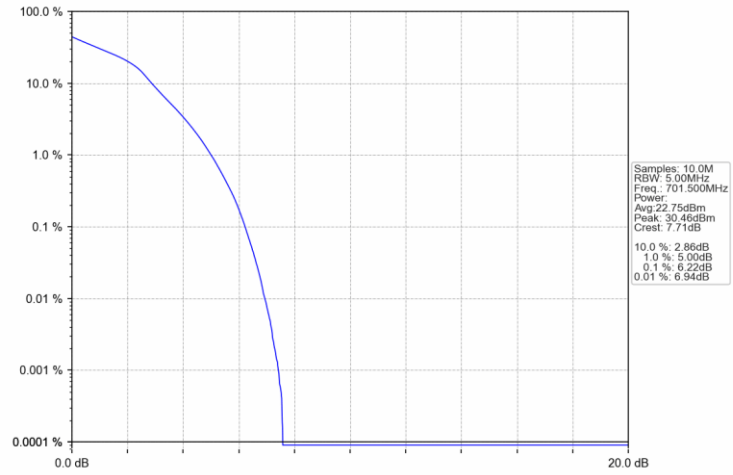
5.2.3 B12_5MHz

Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV

Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV


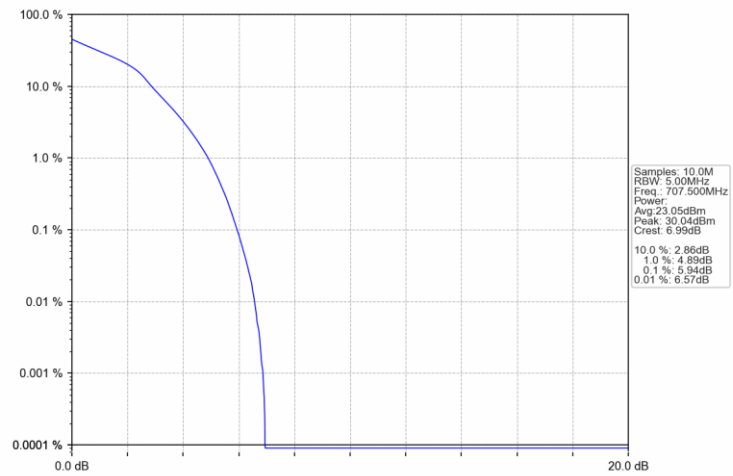
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



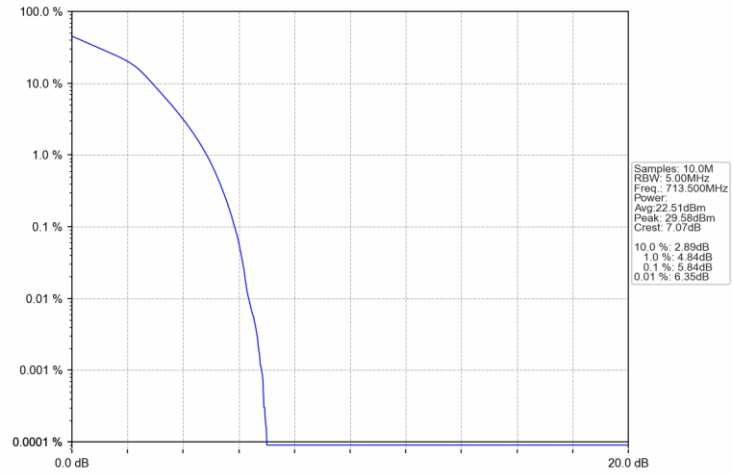
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV

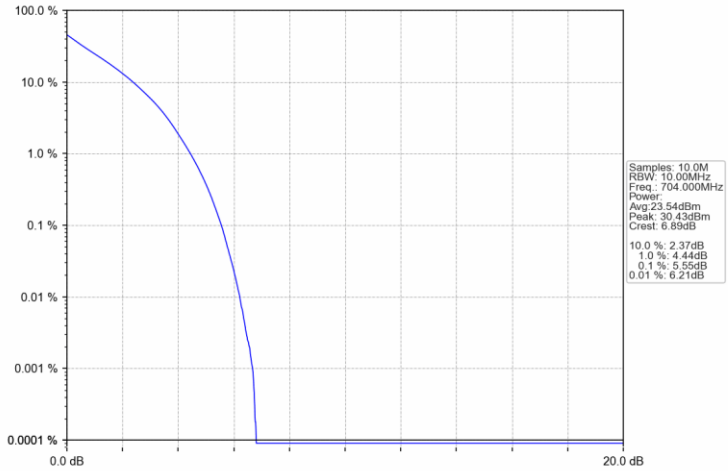


Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV

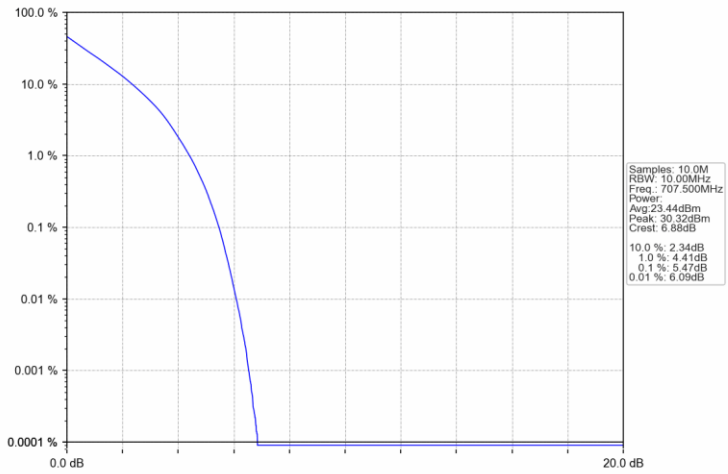


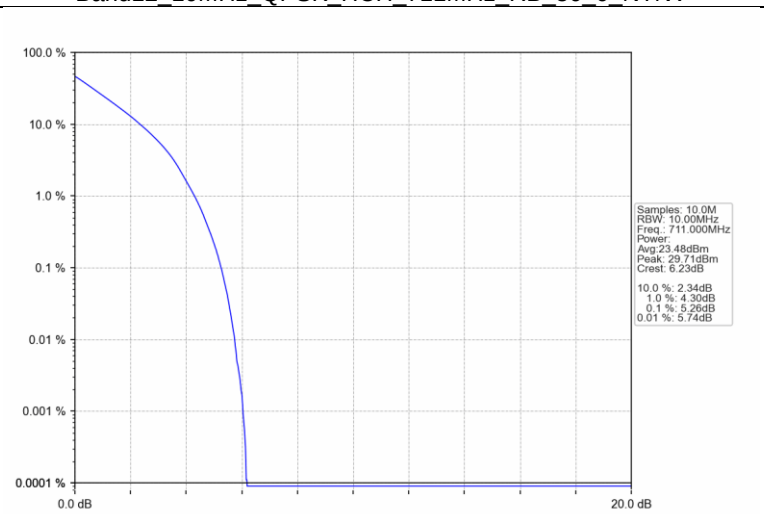
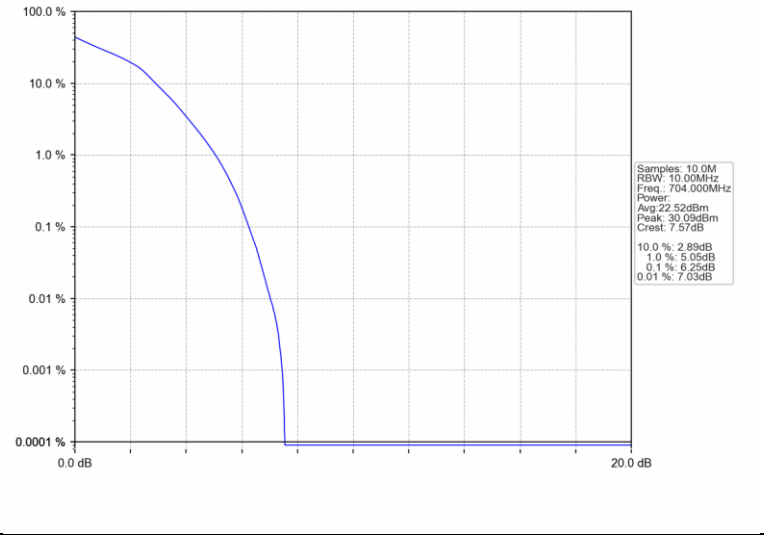
5.2.4 B12_10MHz

Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV

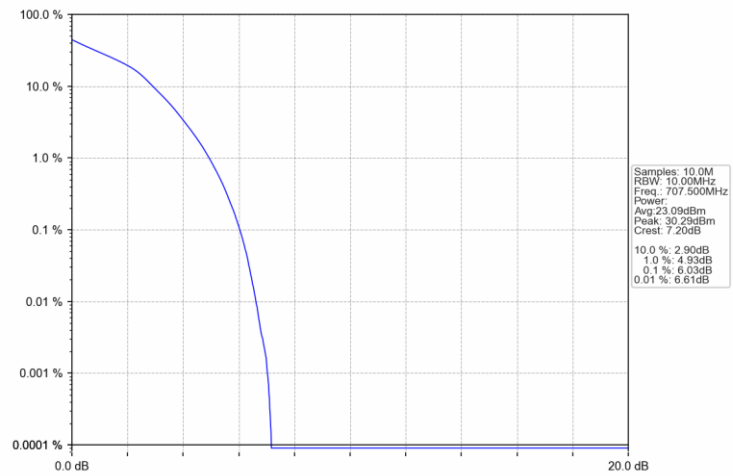


Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV

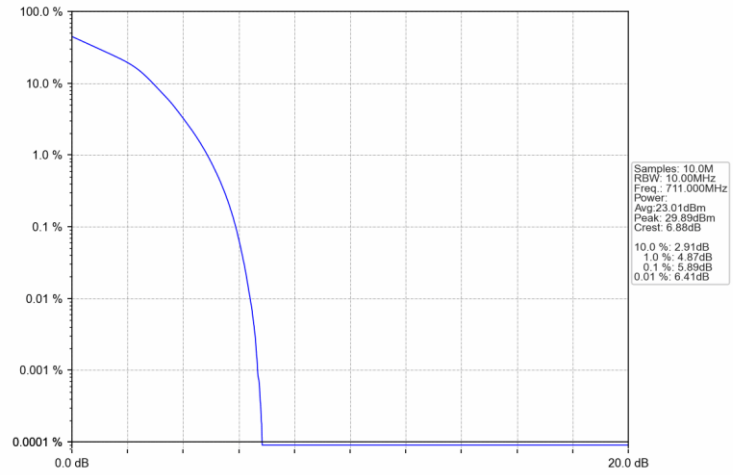


Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV

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		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 / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	700.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
	714.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
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 / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	701.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
	713.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
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

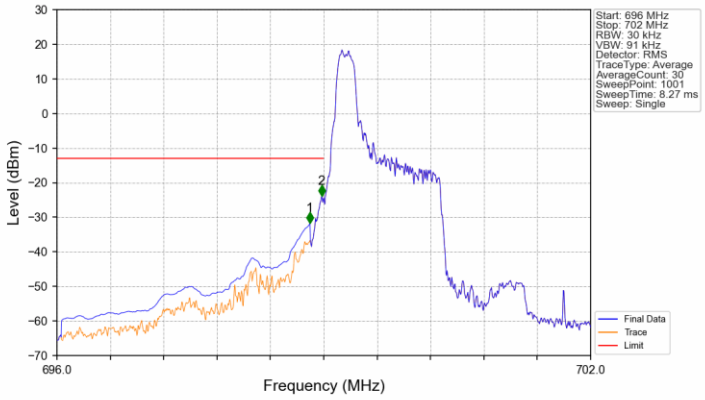
6.1.4 B12_10MHz

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
	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

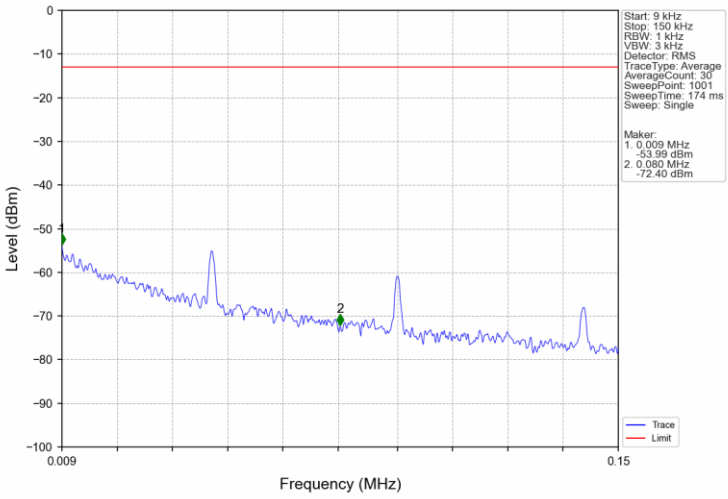
6.2.1 B12_1.4MHz

Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_1_0_NTNV

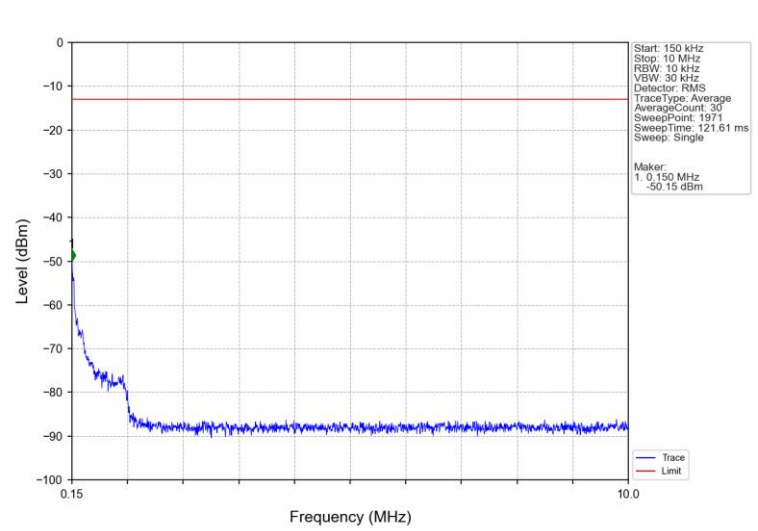


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-31.75	-13	Pass
698.9	699	0.03	/	2	698.976	-23.89	-13	Pass
699	702	0.03	/	/	/	/	/	/

Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_1_0_NTNV



Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_1_0_NTNV



Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_1_0_NTNV