1. Effective (Isotropic) Radiated Power Output Data

1.1 B12_1.4MHz_ERP

1.1.1 Test Result

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	22.54	-2.58	17.81	<=34.77	Pass
			2	22.52	-2.58	17.79	<=34.77	Pass
			5	22.58	-2.58	17.85	<=34.77	Pass
		3	0	22.56	-2.58	17.83	<=34.77	Pass
			2	22.58	-2.58	17.85	<=34.77	Pass
			3	22.50	-2.58	17.77	<=34.77	Pass
		6	0	21.44	-2.58	16.71	<=34.77	Pass
	707.5	1	0	22.74	-2.58	18.01	<=34.77	Pass
			2	22.93	-2.58	18.20	<=34.77	Pass
			5	22.89	-2.58	18.16	<=34.77	Pass
		3	0	22.68	-2.58	17.95	<=34.77	Pass
			2	22.77	-2.58	18.04	<=34.77	Pass
			3	22.71	-2.58	17.98	<=34.77	Pass
		6	0	21.82	-2.58	17.09	<=34.77	Pass
	715.3	1	0	22.84	-2.58	18.11	<=34.77	Pass
			2	22.90	-2.58	18.17	<=34.77	Pass
			5	22.90	-2.58	18.17	<=34.77	Pass
		3	0	23.03	-2.58	18.30	<=34.77	Pass
			2	23.06	-2.58	18.33	<=34.77	Pass
			3	23.06	-2.58	18.33	<=34.77	Pass
		6	0	21.90	-2.58	17.17	<=34.77	Pass
16QAM	699.7	1	0	21.00	-2.58	16.27	<=34.77	Pass
			2	21.04	-2.58	16.31	<=34.77	Pass
			5	20.96	-2.58	16.23	<=34.77	Pass
		3	0	21.09	-2.58	16.36	<=34.77	Pass
			2	21.10	-2.58	16.37	<=34.77	Pass
			3	21.29	-2.58	16.56	<=34.77	Pass
		6	0	20.48	-2.58	15.75	<=34.77	Pass
	707.5	1	0	21.70	-2.58	16.97	<=34.77	Pass
			2	21.77	-2.58	17.04	<=34.77	Pass
			5	21.83	-2.58	17.10	<=34.77	Pass
		3	0	21.77	-2.58	17.04	<=34.77	Pass
			2	21.76	-2.58	17.03	<=34.77	Pass
			3	21.82	-2.58	17.09	<=34.77	Pass
		6	0	20.83	-2.58	16.10	<=34.77	Pass
	715.3	1	0	21.99	-2.58	17.26	<=34.77	Pass
			2	21.98	-2.58	17.25	<=34.77	Pass
			5	22.05	-2.58	17.32	<=34.77	Pass
		3	0	21.82	-2.58	17.09	<=34.77	Pass
			2	21.88	-2.58	17.15	<=34.77	Pass
			3	21.87	-2.58	17.14	<=34.77	Pass
		6	0	20.92	-2.58	16.19	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.2 B12_3MHz_ERP

1.2.1 Test Result

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	22.46	-2.58	17.73	<=34.77	Pass
			7	22.52	-2.58	17.79	<=34.77	Pass
			14	22.63	-2.58	17.90	<=34.77	Pass
		8	0	21.44	-2.58	16.71	<=34.77	Pass
			4	21.43	-2.58	16.70	<=34.77	Pass
			7	21.49	-2.58	16.76	<=34.77	Pass
		15	0	21.51	-2.58	16.78	<=34.77	Pass
	707.5	1	0	22.81	-2.58	18.08	<=34.77	Pass
			7	22.89	-2.58	18.16	<=34.77	Pass
			14	22.92	-2.58	18.19	<=34.77	Pass
		8	0	21.68	-2.58	16.95	<=34.77	Pass
			4	21.78	-2.58	17.05	<=34.77	Pass
			7	21.79	-2.58	17.06	<=34.77	Pass
		15	0	21.74	-2.58	17.01	<=34.77	Pass
	714.5	1	0	22.91	-2.58	18.18	<=34.77	Pass
			7	22.90	-2.58	18.17	<=34.77	Pass
			14	22.98	-2.58	18.25	<=34.77	Pass
		8	0	22.02	-2.58	17.29	<=34.77	Pass
			4	22.02	-2.58	17.29	<=34.77	Pass
			7	21.95	-2.58	17.22	<=34.77	Pass
		15	0	21.98	-2.58	17.25	<=34.77	Pass
16QAM	700.5	1	0	21.06	-2.58	16.33	<=34.77	Pass
			7	21.04	-2.58	16.31	<=34.77	Pass
			14	21.22	-2.58	16.49	<=34.77	Pass
		8	0	20.59	-2.58	15.86	<=34.77	Pass
			4	20.59	-2.58	15.86	<=34.77	Pass
			7	20.70	-2.58	15.97	<=34.77	Pass
		15	0	20.42	-2.58	15.69	<=34.77	Pass
	707.5	1	0	21.74	-2.58	17.01	<=34.77	Pass
			7	21.83	-2.58	17.10	<=34.77	Pass
			14	21.90	-2.58	17.17	<=34.77	Pass
		8	0	20.82	-2.58	16.09	<=34.77	Pass
			4	20.78	-2.58	16.05	<=34.77	Pass
			7	20.81	-2.58	16.08	<=34.77	Pass
		15	0	20.80	-2.58	16.07	<=34.77	Pass
	714.5	1	0	22.20	-2.58	17.47	<=34.77	Pass
			7	22.20	-2.58	17.47	<=34.77	Pass
			14	22.26	-2.58	17.53	<=34.77	Pass
		8	0	21.16	-2.58	16.43	<=34.77	Pass
			4	21.15	-2.58	16.42	<=34.77	Pass
			7	21.17	-2.58	16.44	<=34.77	Pass
		15	0	21.01	-2.58	16.28	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.3 B12_5MHz_ERP

1.3.1 Test Result

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	22.41	-2.58	17.68	<=34.77	Pass
			13	22.51	-2.58	17.78	<=34.77	Pass
			24	22.58	-2.58	17.85	<=34.77	Pass
		12	0	21.41	-2.58	16.68	<=34.77	Pass
			6	21.47	-2.58	16.74	<=34.77	Pass
			13	21.53	-2.58	16.80	<=34.77	Pass
		25	0	21.66	-2.58	16.93	<=34.77	Pass
	707.5	1	0	22.65	-2.58	17.92	<=34.77	Pass
			13	22.77	-2.58	18.04	<=34.77	Pass
			24	22.81	-2.58	18.08	<=34.77	Pass
		12	0	21.70	-2.58	16.97	<=34.77	Pass
			6	21.61	-2.58	16.88	<=34.77	Pass
			13	21.82	-2.58	17.09	<=34.77	Pass
		25	0	21.79	-2.58	17.06	<=34.77	Pass
	713.5	1	0	22.87	-2.58	18.14	<=34.77	Pass
			13	22.86	-2.58	18.13	<=34.77	Pass
			24	22.92	-2.58	18.19	<=34.77	Pass
		12	0	21.92	-2.58	17.19	<=34.77	Pass
			6	21.92	-2.58	17.19	<=34.77	Pass
			13	21.91	-2.58	17.18	<=34.77	Pass
		25	0	21.99	-2.58	17.26	<=34.77	Pass
16QAM	701.5	1	0	21.41	-2.58	16.68	<=34.77	Pass
			13	21.54	-2.58	16.81	<=34.77	Pass
			24	21.72	-2.58	16.99	<=34.77	Pass
		12	0	20.50	-2.58	15.77	<=34.77	Pass
			6	20.46	-2.58	15.73	<=34.77	Pass
			13	20.48	-2.58	15.75	<=34.77	Pass
		25	0	20.61	-2.58	15.88	<=34.77	Pass
	707.5	1	0	21.48	-2.58	16.75	<=34.77	Pass
			13	21.41	-2.58	16.68	<=34.77	Pass
			24	21.58	-2.58	16.85	<=34.77	Pass
		12	0	20.62	-2.58	15.89	<=34.77	Pass
			6	20.58	-2.58	15.85	<=34.77	Pass
			13	20.62	-2.58	15.89	<=34.77	Pass
		25	0	20.56	-2.58	15.83	<=34.77	Pass
	713.5	1	0	21.03	-2.58	16.30	<=34.77	Pass
			13	20.95	-2.58	16.22	<=34.77	Pass
			24	21.00	-2.58	16.27	<=34.77	Pass
		12	0	20.87	-2.58	16.14	<=34.77	Pass
			6	20.91	-2.58	16.18	<=34.77	Pass
			13	20.86	-2.58	16.13	<=34.77	Pass
		25	0	21.04	-2.58	16.31	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.4 B12_10MHz_ERP

1.4.1 Test Result

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	22.49	-2.58	17.76	<=34.77	Pass
			25	22.67	-2.58	17.94	<=34.77	Pass

			49	22.91	-2.58	18.18	<=34.77	Pass
		25	0	21.55	-2.58	16.82	<=34.77	Pass
			13	21.60	-2.58	16.87	<=34.77	Pass
			25	21.76	-2.58	17.03	<=34.77	Pass
		50	0	21.72	-2.58	16.99	<=34.77	Pass
	707.5	1	0	22.54	-2.58	17.81	<=34.77	Pass
			25	22.87	-2.58	18.14	<=34.77	Pass
			49	23.07	-2.58	18.34	<=34.77	Pass
		25	0	21.78	-2.58	17.05	<=34.77	Pass
			13	21.78	-2.58	17.05	<=34.77	Pass
			25	21.89	-2.58	17.16	<=34.77	Pass
		50	0	21.73	-2.58	17.00	<=34.77	Pass
	711	1	0	22.65	-2.58	17.92	<=34.77	Pass
			25	22.79	-2.58	18.06	<=34.77	Pass
			49	22.96	-2.58	18.23	<=34.77	Pass
		25	0	21.79	-2.58	17.06	<=34.77	Pass
			13	21.90	-2.58	17.17	<=34.77	Pass
			25	21.99	-2.58	17.26	<=34.77	Pass
		50	0	21.85	-2.58	17.12	<=34.77	Pass
16QAM	704	1	0	20.90	-2.58	16.17	<=34.77	Pass
			25	21.19	-2.58	16.46	<=34.77	Pass
			49	21.26	-2.58	16.53	<=34.77	Pass
		25	0	20.63	-2.58	15.90	<=34.77	Pass
			13	20.87	-2.58	16.14	<=34.77	Pass
			25	20.86	-2.58	16.13	<=34.77	Pass
		50	0	20.77	-2.58	16.04	<=34.77	Pass
	707.5	1	0	22.06	-2.58	17.33	<=34.77	Pass
			25	22.30	-2.58	17.57	<=34.77	Pass
			49	22.50	-2.58	17.77	<=34.77	Pass
		25	0	20.65	-2.58	15.92	<=34.77	Pass
			13	20.72	-2.58	15.99	<=34.77	Pass
			25	20.92	-2.58	16.19	<=34.77	Pass
		50	0	20.69	-2.58	15.96	<=34.77	Pass
	711	1	0	21.75	-2.58	17.02	<=34.77	Pass
			25	21.94	-2.58	17.21	<=34.77	Pass
			49	21.96	-2.58	17.23	<=34.77	Pass
		25	0	20.80	-2.58	16.07	<=34.77	Pass
			13	20.89	-2.58	16.16	<=34.77	Pass
			25	20.97	-2.58	16.24	<=34.77	Pass
		50	0	20.90	-2.58	16.17	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

2. Frequency Stability

2.1 B12_1.4MHz

2.1.1 Test Result

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	-2.632	-0.0038	-2.5 to 2.5	Pass
					3.85	-9.341	-0.0134	-2.5 to 2.5	Pass
					4.43	-22.216	-0.0318	-2.5 to 2.5	Pass

				-30	3.85	-36.521	-0.0522	-2.5 to 2.5	Pass
				-20	3.85	0.186	0.0003	-2.5 to 2.5	Pass
				-10	3.85	-21.200	-0.0303	-2.5 to 2.5	Pass
				0	3.85	-32.029	-0.0458	-2.5 to 2.5	Pass
				10	3.85	-40.340	-0.0577	-2.5 to 2.5	Pass
				30	3.85	-3.233	-0.0046	-2.5 to 2.5	Pass
				40	3.85	-10.715	-0.0153	-2.5 to 2.5	Pass
				50	3.85	-18.125	-0.0259	-2.5 to 2.5	Pass
	707.5	6	0	20	3.27	3.161	0.0045	-2.5 to 2.5	Pass
					3.85	7.725	0.0109	-2.5 to 2.5	Pass
					4.43	15.306	0.0216	-2.5 to 2.5	Pass
				-30	3.85	23.432	0.0331	-2.5 to 2.5	Pass
				-20	3.85	16.379	0.0232	-2.5 to 2.5	Pass
				-10	3.85	-15.965	-0.0226	-2.5 to 2.5	Pass
				0	3.85	13.876	0.0196	-2.5 to 2.5	Pass
				10	3.85	21.071	0.0298	-2.5 to 2.5	Pass
				30	3.85	28.467	0.0402	-2.5 to 2.5	Pass
				40	3.85	35.620	0.0503	-2.5 to 2.5	Pass
				50	3.85	40.197	0.0568	-2.5 to 2.5	Pass
	715.3	6	0	20	3.27	-1.488	-0.0021	-2.5 to 2.5	Pass
					3.85	-5.007	-0.0070	-2.5 to 2.5	Pass
					4.43	-10.371	-0.0145	-2.5 to 2.5	Pass
				-30	3.85	-19.956	-0.0279	-2.5 to 2.5	Pass
				-20	3.85	-33.746	-0.0472	-2.5 to 2.5	Pass
				-10	3.85	-18.168	-0.0254	-2.5 to 2.5	Pass
				0	3.85	-10.314	-0.0144	-2.5 to 2.5	Pass
				10	3.85	-15.078	-0.0211	-2.5 to 2.5	Pass
				30	3.85	-17.767	-0.0248	-2.5 to 2.5	Pass
				40	3.85	-21.086	-0.0295	-2.5 to 2.5	Pass
				50	3.85	-23.861	-0.0334	-2.5 to 2.5	Pass
16QAM	699.7	6	0	20	3.27	-25.234	-0.0361	-2.5 to 2.5	Pass
					3.85	8.698	0.0124	-2.5 to 2.5	Pass
					4.43	12.231	0.0175	-2.5 to 2.5	Pass
				-30	3.85	10.929	0.0156	-2.5 to 2.5	Pass
				-20	3.85	7.725	0.0110	-2.5 to 2.5	Pass
				-10	3.85	5.951	0.0085	-2.5 to 2.5	Pass
				0	3.85	4.492	0.0064	-2.5 to 2.5	Pass
				10	3.85	2.990	0.0043	-2.5 to 2.5	Pass
				30	3.85	-7.067	-0.0101	-2.5 to 2.5	Pass
				40	3.85	-11.873	-0.0170	-2.5 to 2.5	Pass
				50	3.85	-11.802	-0.0169	-2.5 to 2.5	Pass
	707.5	6	0	20	3.27	48.437	0.0685	-2.5 to 2.5	Pass
					3.85	5.522	0.0078	-2.5 to 2.5	Pass
					4.43	1.059	0.0015	-2.5 to 2.5	Pass
				-30	3.85	7.639	0.0108	-2.5 to 2.5	Pass
				-20	3.85	15.335	0.0217	-2.5 to 2.5	Pass
				-10	3.85	21.143	0.0299	-2.5 to 2.5	Pass
				0	3.85	26.951	0.0381	-2.5 to 2.5	Pass
				10	3.85	33.116	0.0468	-2.5 to 2.5	Pass
				30	3.85	38.595	0.0546	-2.5 to 2.5	Pass
				40	3.85	43.430	0.0614	-2.5 to 2.5	Pass
				50	3.85	38.381	0.0542	-2.5 to 2.5	Pass
	715.3	6	0	20	3.27	-27.766	-0.0388	-2.5 to 2.5	Pass
					3.85	-29.612	-0.0414	-2.5 to 2.5	Pass
					4.43	10.672	0.0149	-2.5 to 2.5	Pass
				-30	3.85	9.241	0.0129	-2.5 to 2.5	Pass
				-20	3.85	-10.343	-0.0145	-2.5 to 2.5	Pass

				-10	3.85	-1.831	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-2.275	-0.0032	-2.5 to 2.5	Pass
				10	3.85	-2.646	-0.0037	-2.5 to 2.5	Pass
				30	3.85	-2.847	-0.0040	-2.5 to 2.5	Pass
				40	3.85	-3.190	-0.0045	-2.5 to 2.5	Pass
				50	3.85	-4.792	-0.0067	-2.5 to 2.5	Pass

2.2 B12_3MHz

2.2.1 Test Result

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	-2.046	-0.0029	-2.5 to 2.5	Pass
					3.85	-10.414	-0.0149	-2.5 to 2.5	Pass
					4.43	-23.103	-0.0330	-2.5 to 2.5	Pass
				-30	3.85	-37.708	-0.0538	-2.5 to 2.5	Pass
				-20	3.85	-15.965	-0.0228	-2.5 to 2.5	Pass
				-10	3.85	-34.246	-0.0489	-2.5 to 2.5	Pass
				0	3.85	-47.536	-0.0679	-2.5 to 2.5	Pass
				10	3.85	-8.554	-0.0122	-2.5 to 2.5	Pass
				30	3.85	-18.725	-0.0267	-2.5 to 2.5	Pass
				40	3.85	-28.210	-0.0403	-2.5 to 2.5	Pass
				50	3.85	-36.793	-0.0525	-2.5 to 2.5	Pass
	707.5	15	0	20	3.27	1.101	0.0016	-2.5 to 2.5	Pass
					3.85	4.091	0.0058	-2.5 to 2.5	Pass
					4.43	9.141	0.0129	-2.5 to 2.5	Pass
				-30	3.85	12.646	0.0179	-2.5 to 2.5	Pass
				-20	3.85	17.610	0.0249	-2.5 to 2.5	Pass
				-10	3.85	14.262	0.0202	-2.5 to 2.5	Pass
				0	3.85	12.045	0.0170	-2.5 to 2.5	Pass
				10	3.85	20.442	0.0289	-2.5 to 2.5	Pass
				30	3.85	23.289	0.0329	-2.5 to 2.5	Pass
				40	3.85	24.848	0.0351	-2.5 to 2.5	Pass
				50	3.85	27.437	0.0388	-2.5 to 2.5	Pass
	714.5	15	0	20	3.27	-2.789	-0.0039	-2.5 to 2.5	Pass
					3.85	-8.554	-0.0120	-2.5 to 2.5	Pass
					4.43	-15.922	-0.0223	-2.5 to 2.5	Pass
				-30	3.85	-27.738	-0.0388	-2.5 to 2.5	Pass
				-20	3.85	-23.389	-0.0327	-2.5 to 2.5	Pass
				-10	3.85	-5.951	-0.0083	-2.5 to 2.5	Pass
				0	3.85	-11.973	-0.0168	-2.5 to 2.5	Pass
				10	3.85	-18.096	-0.0253	-2.5 to 2.5	Pass
				30	3.85	-25.349	-0.0355	-2.5 to 2.5	Pass
				40	3.85	-31.242	-0.0437	-2.5 to 2.5	Pass
				50	3.85	-35.806	-0.0501	-2.5 to 2.5	Pass
16QAM	700.5	15	0	20	3.27	-44.117	-0.0630	-2.5 to 2.5	Pass
					3.85	-3.533	-0.0050	-2.5 to 2.5	Pass
					4.43	-39.253	-0.0560	-2.5 to 2.5	Pass
				-30	3.85	-20.213	-0.0289	-2.5 to 2.5	Pass
				-20	3.85	-22.988	-0.0328	-2.5 to 2.5	Pass
				-10	3.85	-25.964	-0.0371	-2.5 to 2.5	Pass
				0	3.85	-29.941	-0.0427	-2.5 to 2.5	Pass
				10	3.85	-32.072	-0.0458	-2.5 to 2.5	Pass

				30	3.85	-34.275	-0.0489	-2.5 to 2.5	Pass
				40	3.85	5.407	0.0077	-2.5 to 2.5	Pass
				50	3.85	3.948	0.0056	-2.5 to 2.5	Pass
	707.5	15	0	20	3.27	31.929	0.0451	-2.5 to 2.5	Pass
					3.85	34.690	0.0490	-2.5 to 2.5	Pass
					4.43	40.770	0.0576	-2.5 to 2.5	Pass
				-30	3.85	-30.327	-0.0429	-2.5 to 2.5	Pass
				-20	3.85	-11.873	-0.0168	-2.5 to 2.5	Pass
				-10	3.85	-19.369	-0.0274	-2.5 to 2.5	Pass
				0	3.85	-9.799	-0.0139	-2.5 to 2.5	Pass
				10	3.85	-4.792	-0.0068	-2.5 to 2.5	Pass
				30	3.85	-0.415	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-7.653	-0.0108	-2.5 to 2.5	Pass
				50	3.85	-2.460	-0.0035	-2.5 to 2.5	Pass
	714.5	15	0	20	3.27	-40.183	-0.0562	-2.5 to 2.5	Pass
					3.85	-38.552	-0.0540	-2.5 to 2.5	Pass
					4.43	-36.206	-0.0507	-2.5 to 2.5	Pass
				-30	3.85	-30.298	-0.0424	-2.5 to 2.5	Pass
				-20	3.85	-35.920	-0.0503	-2.5 to 2.5	Pass
				-10	3.85	7.267	0.0102	-2.5 to 2.5	Pass
				0	3.85	10.157	0.0142	-2.5 to 2.5	Pass
				10	3.85	13.103	0.0183	-2.5 to 2.5	Pass
				30	3.85	7.510	0.0105	-2.5 to 2.5	Pass
				40	3.85	-4.106	-0.0057	-2.5 to 2.5	Pass
				50	3.85	5.465	0.0076	-2.5 to 2.5	Pass

2.3 B12_5MHz

2.3.1 Test Result

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	-1.559	-0.0022	-2.5 to 2.5	Pass
					3.85	-3.319	-0.0047	-2.5 to 2.5	Pass
					4.43	-9.799	-0.0140	-2.5 to 2.5	Pass
				-30	3.85	-16.994	-0.0242	-2.5 to 2.5	Pass
				-20	3.85	-33.689	-0.0480	-2.5 to 2.5	Pass
				-10	3.85	-44.632	-0.0636	-2.5 to 2.5	Pass
				0	3.85	-1.945	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-26.422	-0.0377	-2.5 to 2.5	Pass
				30	3.85	-35.620	-0.0508	-2.5 to 2.5	Pass
				40	3.85	-2.089	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-26.436	-0.0377	-2.5 to 2.5	Pass
	707.5	25	0	20	3.27	-15.678	-0.0222	-2.5 to 2.5	Pass
					3.85	-38.080	-0.0538	-2.5 to 2.5	Pass
					4.43	-1.473	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	6.695	0.0095	-2.5 to 2.5	Pass
				-20	3.85	-7.739	-0.0109	-2.5 to 2.5	Pass
				-10	3.85	-27.337	-0.0386	-2.5 to 2.5	Pass
				0	3.85	-48.194	-0.0681	-2.5 to 2.5	Pass
				10	3.85	-20.514	-0.0290	-2.5 to 2.5	Pass
				30	3.85	-38.180	-0.0540	-2.5 to 2.5	Pass
				40	3.85	-7.696	-0.0109	-2.5 to 2.5	Pass
				50	3.85	-24.176	-0.0342	-2.5 to 2.5	Pass

	713.5	25	0	20	3.27	-18.654	-0.0261	-2.5 to 2.5	Pass
					3.85	-46.835	-0.0656	-2.5 to 2.5	Pass
					4.43	-28.296	-0.0397	-2.5 to 2.5	Pass
				-30	3.85	-14.448	-0.0202	-2.5 to 2.5	Pass
				-20	3.85	-19.283	-0.0270	-2.5 to 2.5	Pass
				-10	3.85	-46.892	-0.0657	-2.5 to 2.5	Pass
				0	3.85	-23.932	-0.0335	-2.5 to 2.5	Pass
				10	3.85	-3.734	-0.0052	-2.5 to 2.5	Pass
				30	3.85	-31.128	-0.0436	-2.5 to 2.5	Pass
				40	3.85	-10.858	-0.0152	-2.5 to 2.5	Pass
				50	3.85	-35.877	-0.0503	-2.5 to 2.5	Pass
16QAM	701.5	25	0	20	3.27	-11.859	-0.0169	-2.5 to 2.5	Pass
					3.85	-26.865	-0.0383	-2.5 to 2.5	Pass
					4.43	-32.873	-0.0469	-2.5 to 2.5	Pass
				-30	3.85	-35.276	-0.0503	-2.5 to 2.5	Pass
				-20	3.85	-34.046	-0.0485	-2.5 to 2.5	Pass
				-10	3.85	-30.427	-0.0434	-2.5 to 2.5	Pass
				0	3.85	-27.509	-0.0392	-2.5 to 2.5	Pass
				10	3.85	-18.039	-0.0257	-2.5 to 2.5	Pass
				30	3.85	-11.387	-0.0162	-2.5 to 2.5	Pass
				40	3.85	-17.881	-0.0255	-2.5 to 2.5	Pass
				50	3.85	-32.845	-0.0468	-2.5 to 2.5	Pass
	707.5	25	0	20	3.27	-37.365	-0.0528	-2.5 to 2.5	Pass
					3.85	-10.443	-0.0148	-2.5 to 2.5	Pass
					4.43	-22.473	-0.0318	-2.5 to 2.5	Pass
				-30	3.85	-31.900	-0.0451	-2.5 to 2.5	Pass
				-20	3.85	-37.751	-0.0534	-2.5 to 2.5	Pass
				-10	3.85	-44.589	-0.0630	-2.5 to 2.5	Pass
				0	3.85	-5.322	-0.0075	-2.5 to 2.5	Pass
				10	3.85	-12.388	-0.0175	-2.5 to 2.5	Pass
				30	3.85	-20.599	-0.0291	-2.5 to 2.5	Pass
				40	3.85	-29.526	-0.0417	-2.5 to 2.5	Pass
				50	3.85	-10.128	-0.0143	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-10.829	-0.0152	-2.5 to 2.5	Pass
					3.85	-29.712	-0.0416	-2.5 to 2.5	Pass
					4.43	-46.062	-0.0646	-2.5 to 2.5	Pass
				-30	3.85	-8.626	-0.0121	-2.5 to 2.5	Pass
				-20	3.85	-2.947	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-20.843	-0.0292	-2.5 to 2.5	Pass
				0	3.85	-34.089	-0.0478	-2.5 to 2.5	Pass
				10	3.85	-47.994	-0.0673	-2.5 to 2.5	Pass
				30	3.85	-16.680	-0.0234	-2.5 to 2.5	Pass
				40	3.85	-31.686	-0.0444	-2.5 to 2.5	Pass
				50	3.85	-45.834	-0.0642	-2.5 to 2.5	Pass

2.4 B12_10MHz

2.4.1 Test Result

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	9.570	0.0136	-2.5 to 2.5	Pass
					3.85	16.308	0.0232	-2.5 to 2.5	Pass
					4.43	-3.333	-0.0047	-2.5 to 2.5	Pass

				-30	3.85	-13.189	-0.0187	-2.5 to 2.5	Pass
				-20	3.85	-21.830	-0.0310	-2.5 to 2.5	Pass
				-10	3.85	-31.028	-0.0441	-2.5 to 2.5	Pass
				0	3.85	-37.894	-0.0538	-2.5 to 2.5	Pass
				10	3.85	-44.560	-0.0633	-2.5 to 2.5	Pass
				30	3.85	-1.445	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-9.470	-0.0135	-2.5 to 2.5	Pass
				50	3.85	-6.623	-0.0094	-2.5 to 2.5	Pass
	707.5	50	0	20	3.27	2.847	0.0040	-2.5 to 2.5	Pass
					3.85	2.046	0.0029	-2.5 to 2.5	Pass
					4.43	-1.745	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-6.266	-0.0089	-2.5 to 2.5	Pass
				-20	3.85	-12.074	-0.0171	-2.5 to 2.5	Pass
				-10	3.85	-17.667	-0.0250	-2.5 to 2.5	Pass
				0	3.85	7.281	0.0103	-2.5 to 2.5	Pass
				10	3.85	-1.574	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-6.638	-0.0094	-2.5 to 2.5	Pass
				40	3.85	-10.543	-0.0149	-2.5 to 2.5	Pass
				50	3.85	-13.933	-0.0197	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-4.363	-0.0061	-2.5 to 2.5	Pass
					3.85	-23.489	-0.0330	-2.5 to 2.5	Pass
					4.43	-36.349	-0.0511	-2.5 to 2.5	Pass
				-30	3.85	-47.522	-0.0668	-2.5 to 2.5	Pass
				-20	3.85	13.604	0.0191	-2.5 to 2.5	Pass
				-10	3.85	10.786	0.0152	-2.5 to 2.5	Pass
				0	3.85	9.441	0.0133	-2.5 to 2.5	Pass
				10	3.85	8.483	0.0119	-2.5 to 2.5	Pass
				30	3.85	7.739	0.0109	-2.5 to 2.5	Pass
				40	3.85	-23.046	-0.0324	-2.5 to 2.5	Pass
				50	3.85	-20.056	-0.0282	-2.5 to 2.5	Pass
16QAM	704	50	0	20	3.27	12.488	0.0177	-2.5 to 2.5	Pass
					3.85	10.571	0.0150	-2.5 to 2.5	Pass
					4.43	-2.775	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-4.206	-0.0060	-2.5 to 2.5	Pass
				-20	3.85	-3.462	-0.0049	-2.5 to 2.5	Pass
				-10	3.85	-2.918	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-4.392	-0.0062	-2.5 to 2.5	Pass
				10	3.85	-5.050	-0.0072	-2.5 to 2.5	Pass
				30	3.85	-17.467	-0.0248	-2.5 to 2.5	Pass
				40	3.85	21.801	0.0310	-2.5 to 2.5	Pass
				50	3.85	18.969	0.0269	-2.5 to 2.5	Pass
	707.5	50	0	20	3.27	-17.166	-0.0243	-2.5 to 2.5	Pass
					3.85	-16.122	-0.0228	-2.5 to 2.5	Pass
					4.43	24.347	0.0344	-2.5 to 2.5	Pass
				-30	3.85	24.304	0.0344	-2.5 to 2.5	Pass
				-20	3.85	13.361	0.0189	-2.5 to 2.5	Pass
				-10	3.85	12.774	0.0181	-2.5 to 2.5	Pass
				0	3.85	16.150	0.0228	-2.5 to 2.5	Pass
				10	3.85	16.551	0.0234	-2.5 to 2.5	Pass
				30	3.85	15.736	0.0222	-2.5 to 2.5	Pass
				40	3.85	16.150	0.0228	-2.5 to 2.5	Pass
				50	3.85	16.451	0.0233	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-21.415	-0.0301	-2.5 to 2.5	Pass
					3.85	-15.750	-0.0222	-2.5 to 2.5	Pass
					4.43	-13.504	-0.0190	-2.5 to 2.5	Pass
				-30	3.85	-7.725	-0.0109	-2.5 to 2.5	Pass
				-20	3.85	-3.862	-0.0054	-2.5 to 2.5	Pass

				-10	3.85	-2.131	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-18.125	-0.0255	-2.5 to 2.5	Pass
				10	3.85	-6.709	-0.0094	-2.5 to 2.5	Pass
				30	3.85	-1.974	-0.0028	-2.5 to 2.5	Pass
				40	3.85	0.801	0.0011	-2.5 to 2.5	Pass
				50	3.85	3.519	0.0049	-2.5 to 2.5	Pass

3. Modulation Characteristics

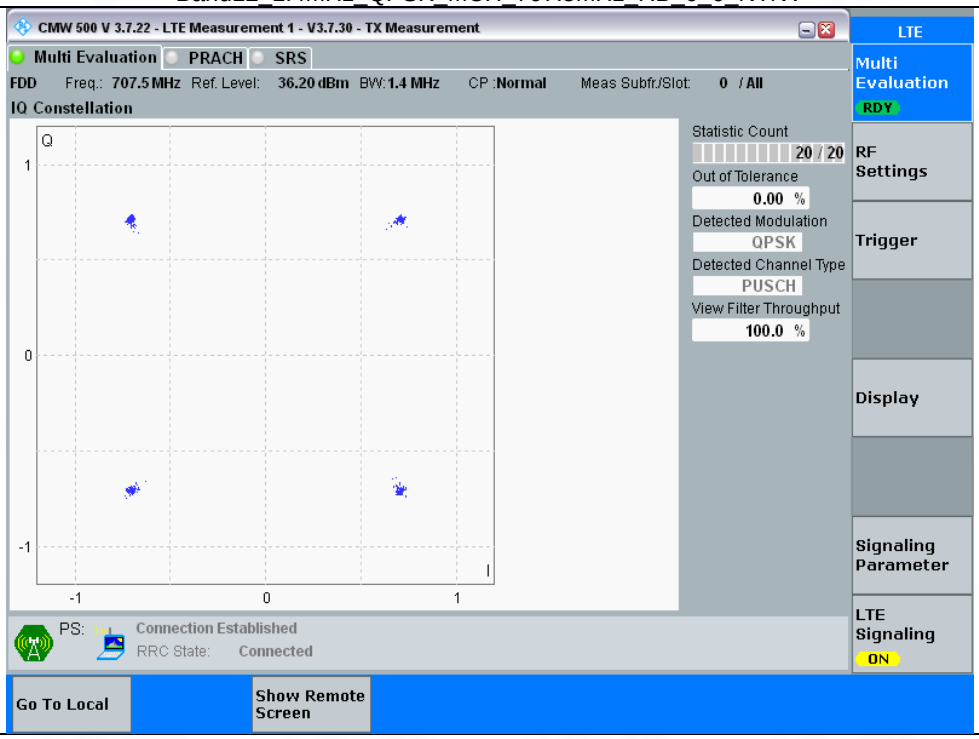
3.1 B12_1.4MHz

3.1.1 Test Result

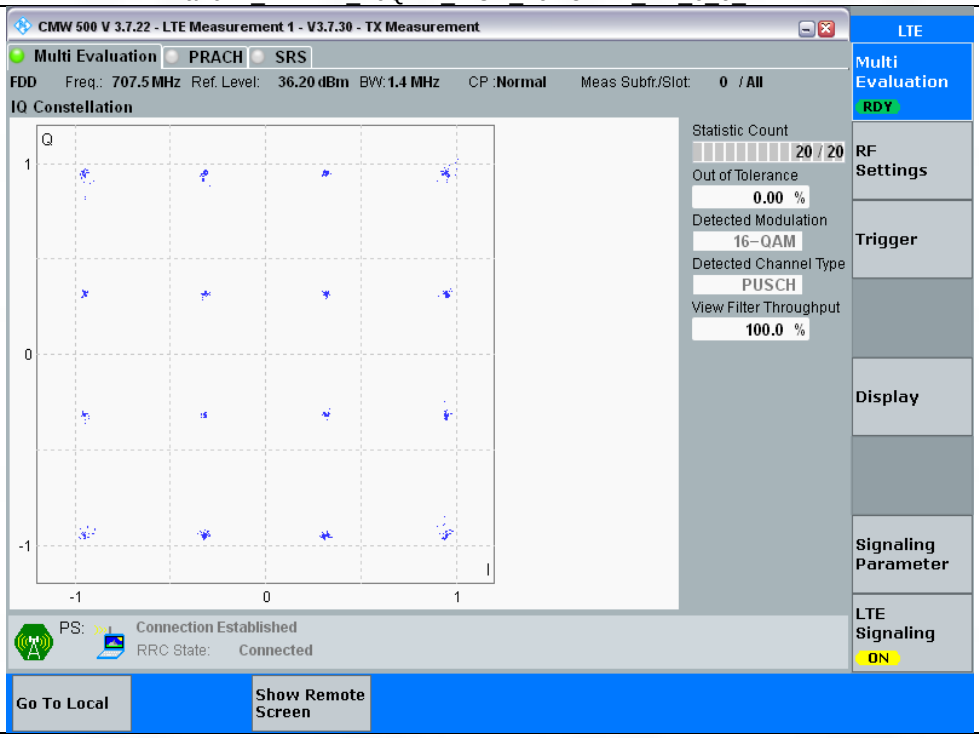
Band: 12 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	707.5	6	0	Refer To Test Graph		Pass
16QAM	707.5	6	0	Refer To Test Graph		Pass

3.1.2 Test Graph

Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_6_0_NTNV



Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



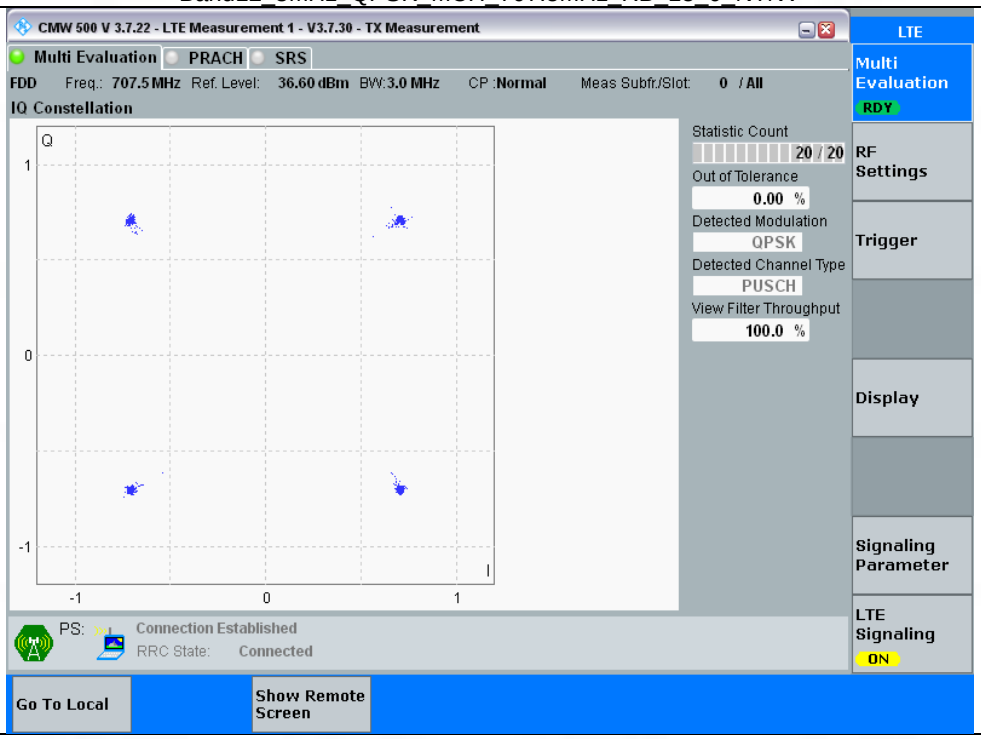
3.2 B12_3MHz

3.2.1 Test Result

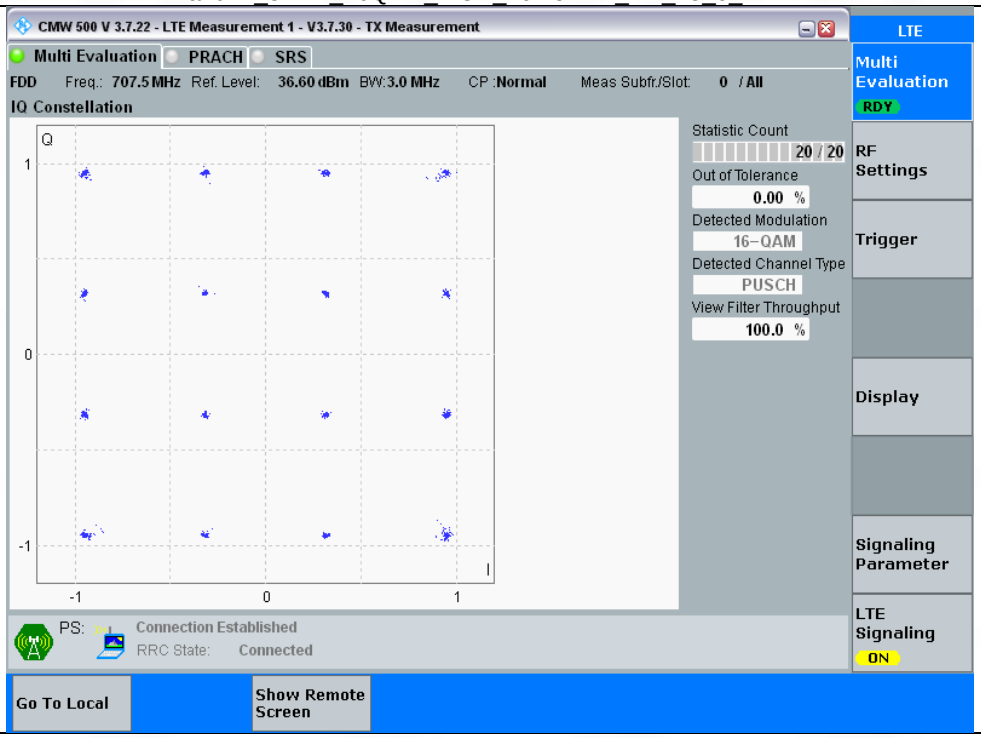
Band: 12 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	707.5	15	0	Refer To Test Graph		Pass
16QAM	707.5	15	0	Refer To Test Graph		Pass

3.2.2 Test Graph

Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



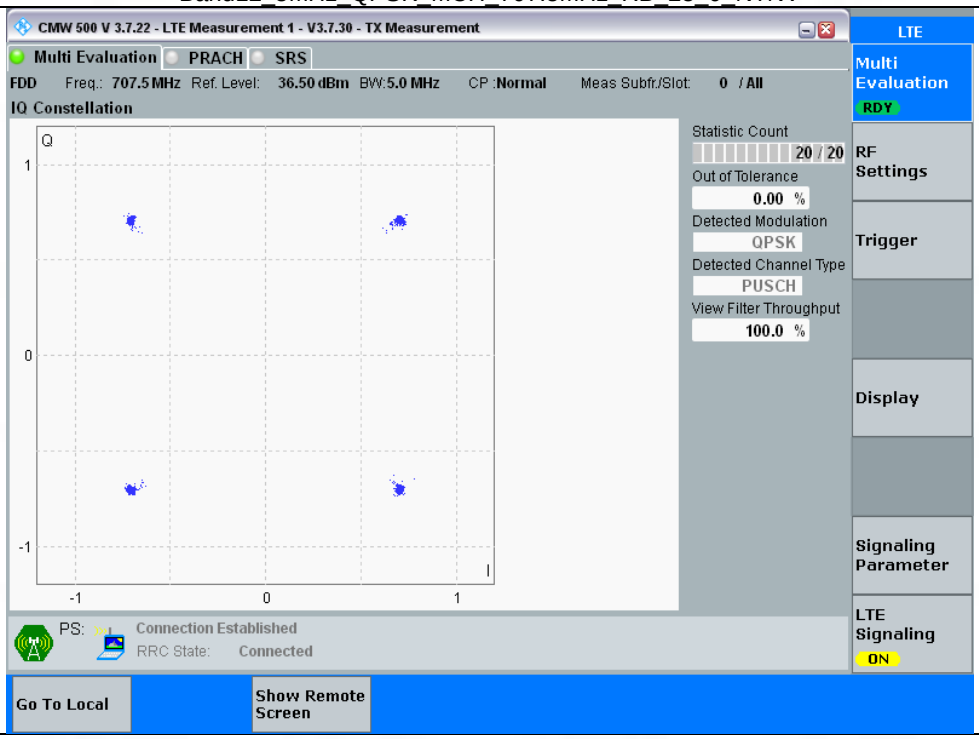
3.3 B12_5MHz

3.3.1 Test Result

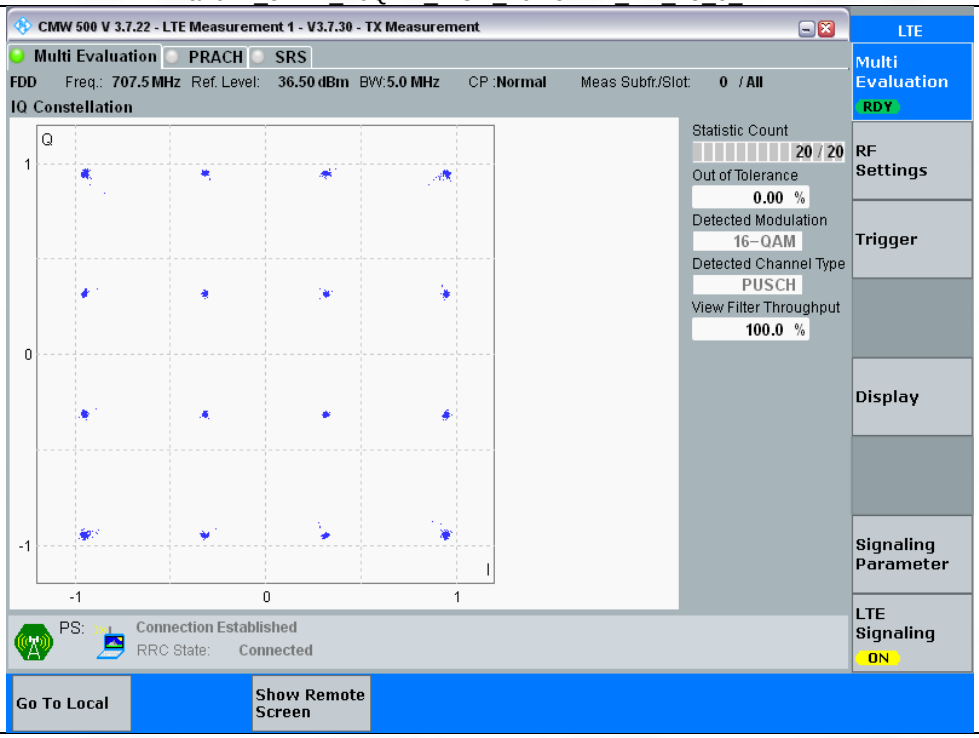
Band: 12 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	707.5	25	0	Refer To Test Graph		Pass
16QAM	707.5	25	0	Refer To Test Graph		Pass

3.3.2 Test Graph

Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



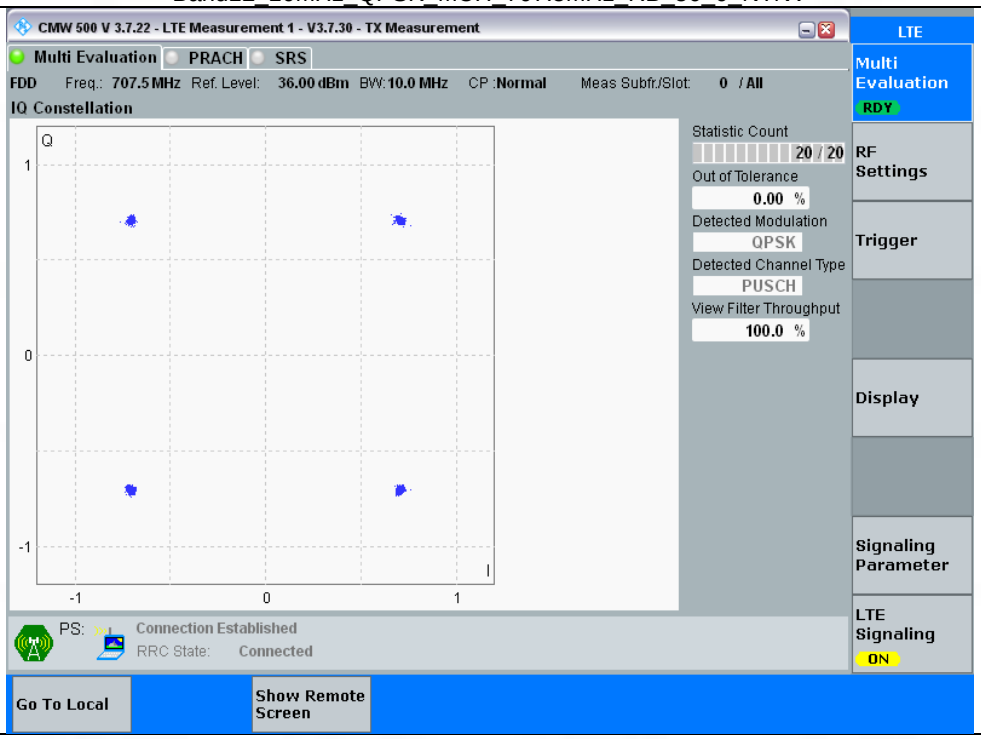
3.4 B12_10MHz

3.4.1 Test Result

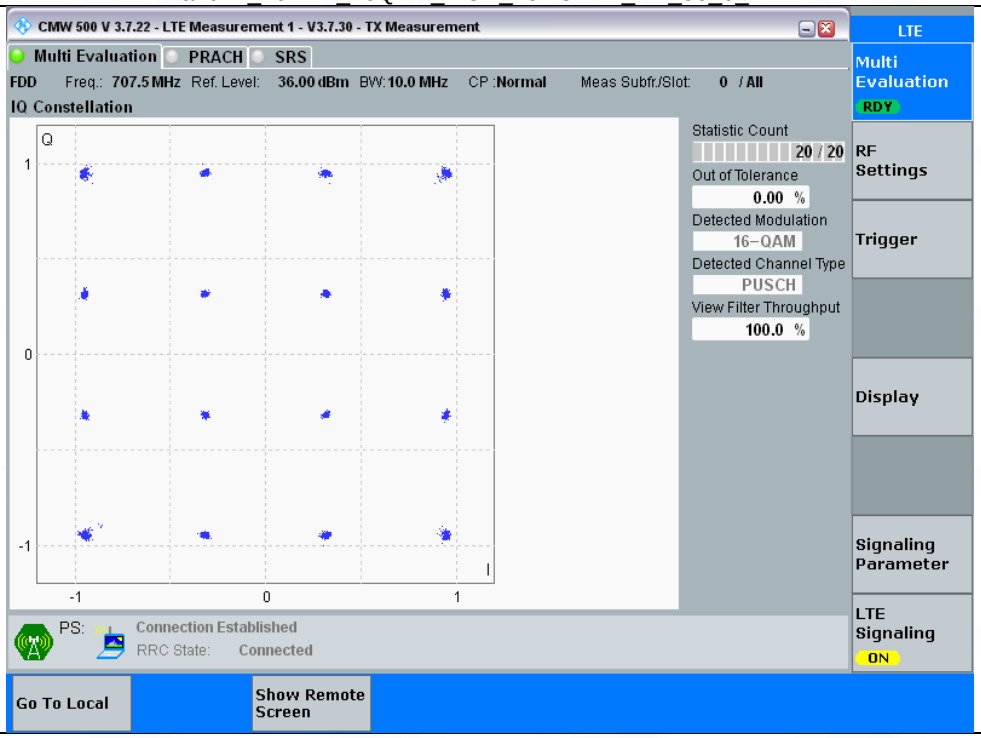
Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	707.5	50	0	Refer To Test Graph		Pass
16QAM	707.5	50	0	Refer To Test Graph		Pass

3.4.2 Test Graph

Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



4. 99% & 26dB Bandwidth

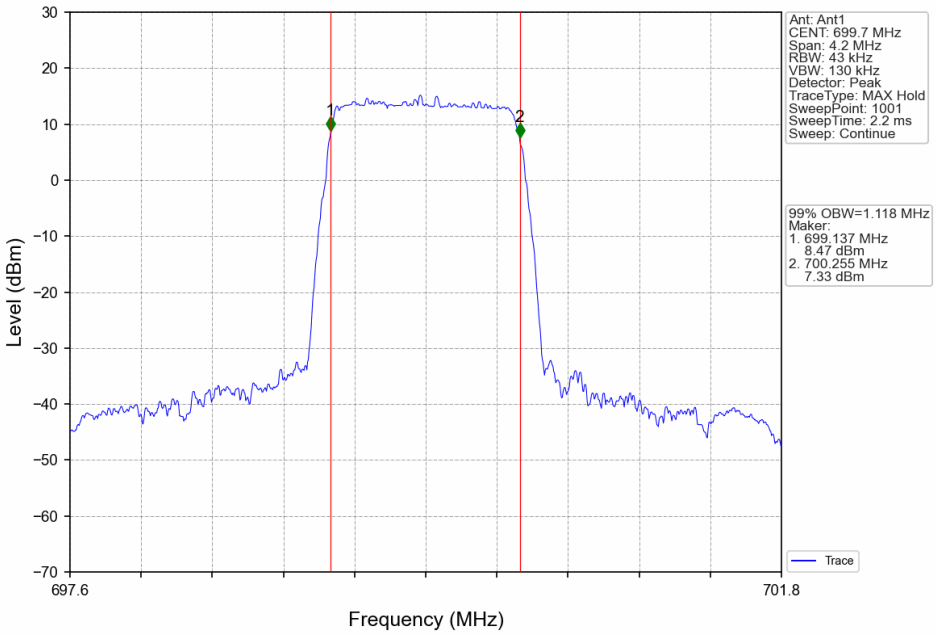
4.1 Band12_OBW

4.1.1 Test Result

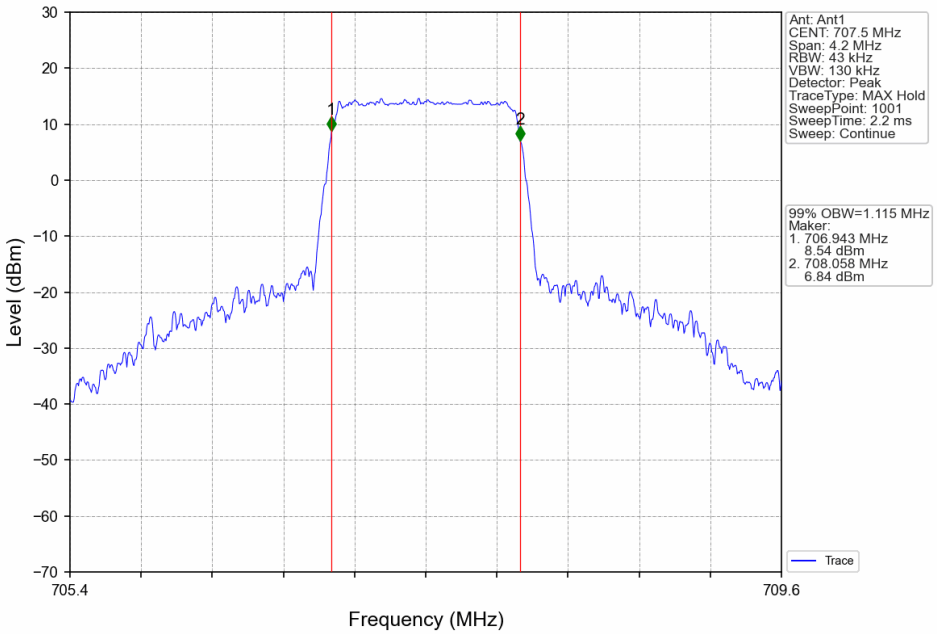
Band: 12 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	699.7	6	0	1.118	Pass
		707.5	6	0	1.115	Pass
		715.3	6	0	1.117	Pass
	16QAM	699.7	6	0	1.120	Pass
		707.5	6	0	1.106	Pass
		715.3	6	0	1.123	Pass
3	QPSK	700.5	15	0	2.760	Pass
		707.5	15	0	2.741	Pass
		714.5	15	0	2.768	Pass
	16QAM	700.5	15	0	2.770	Pass
		707.5	15	0	2.743	Pass
		714.5	15	0	2.779	Pass
5	QPSK	701.5	25	0	4.557	Pass
		707.5	25	0	4.537	Pass
		713.5	25	0	4.584	Pass
	16QAM	701.5	25	0	4.579	Pass
		707.5	25	0	4.553	Pass
		713.5	25	0	4.583	Pass
10	QPSK	704	50	0	9.118	Pass
		707.5	50	0	8.951	Pass
		711	50	0	9.072	Pass
	16QAM	704	50	0	9.097	Pass
		707.5	50	0	8.975	Pass
		711	50	0	9.110	Pass

4.1.2 Test Graph

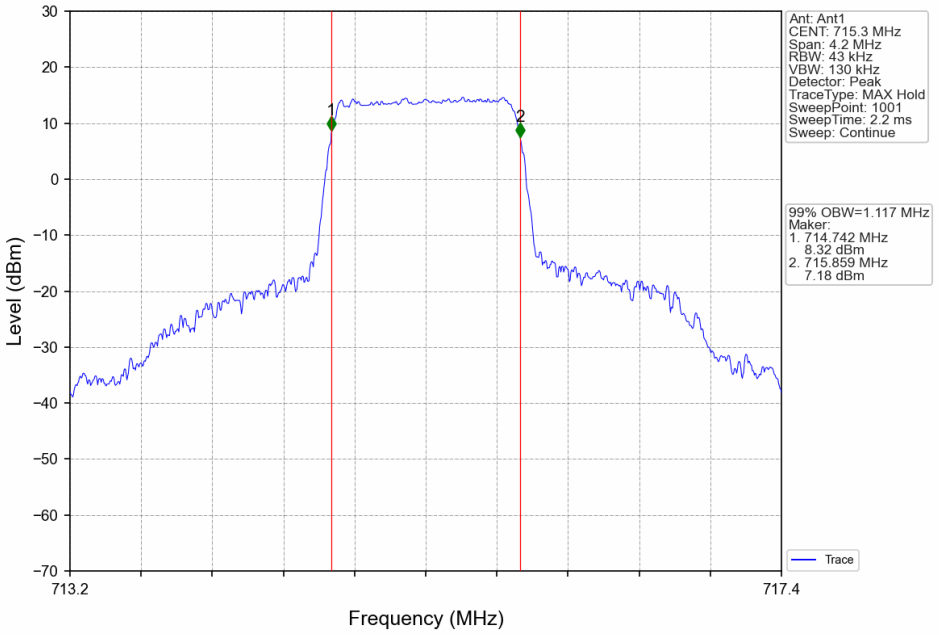
Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV



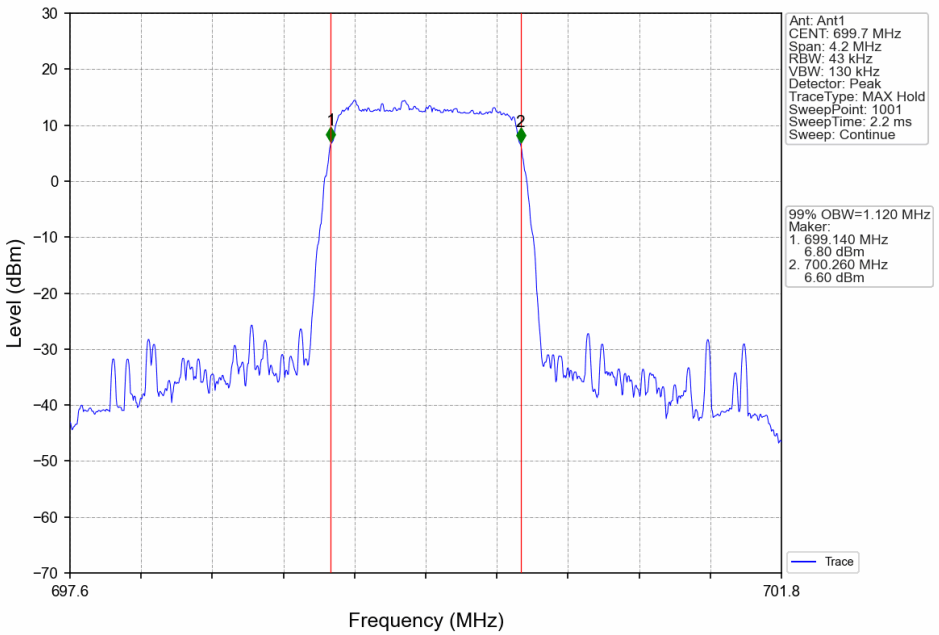
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_6_0_NTNV



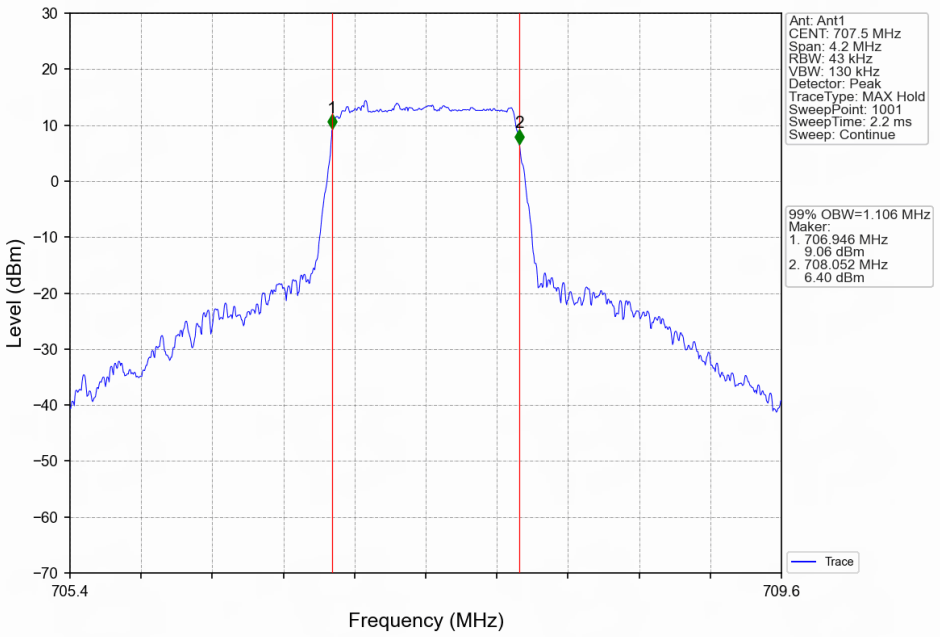
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



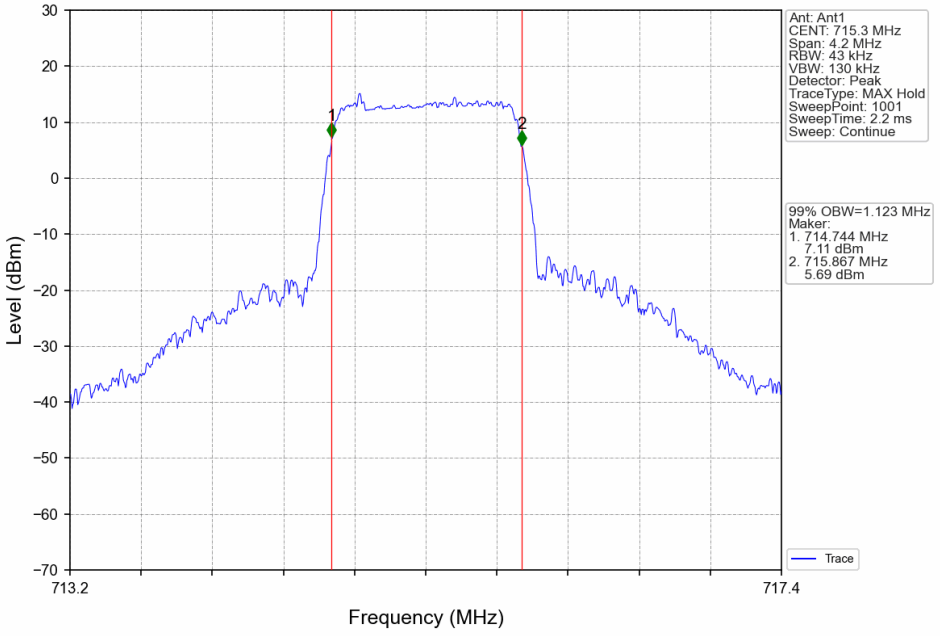
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



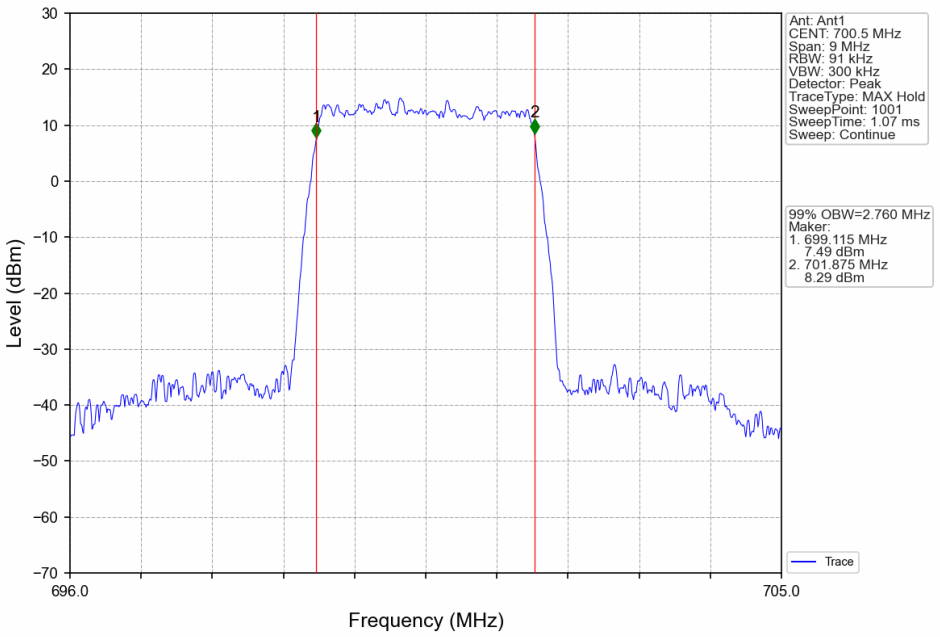
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



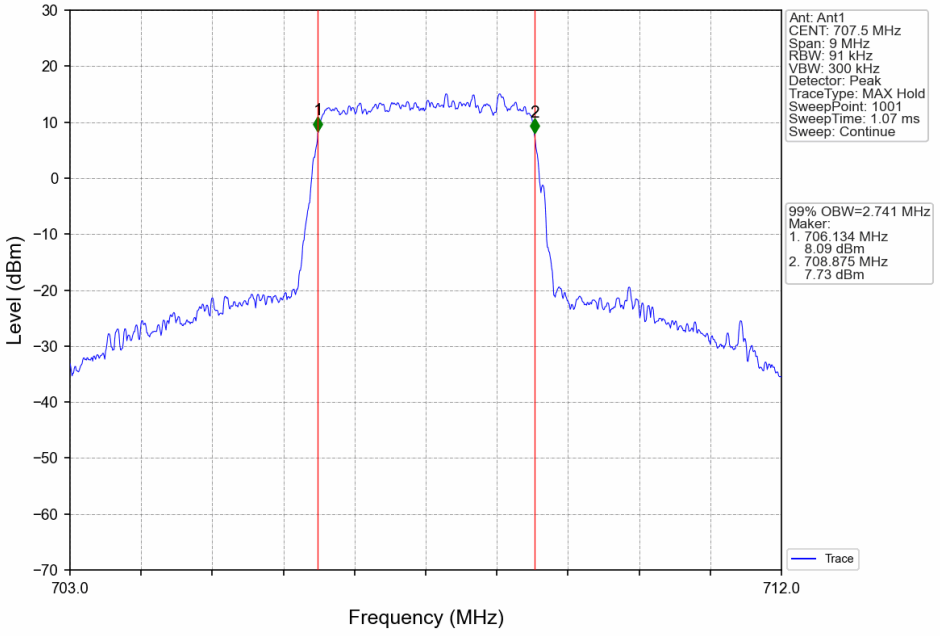
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



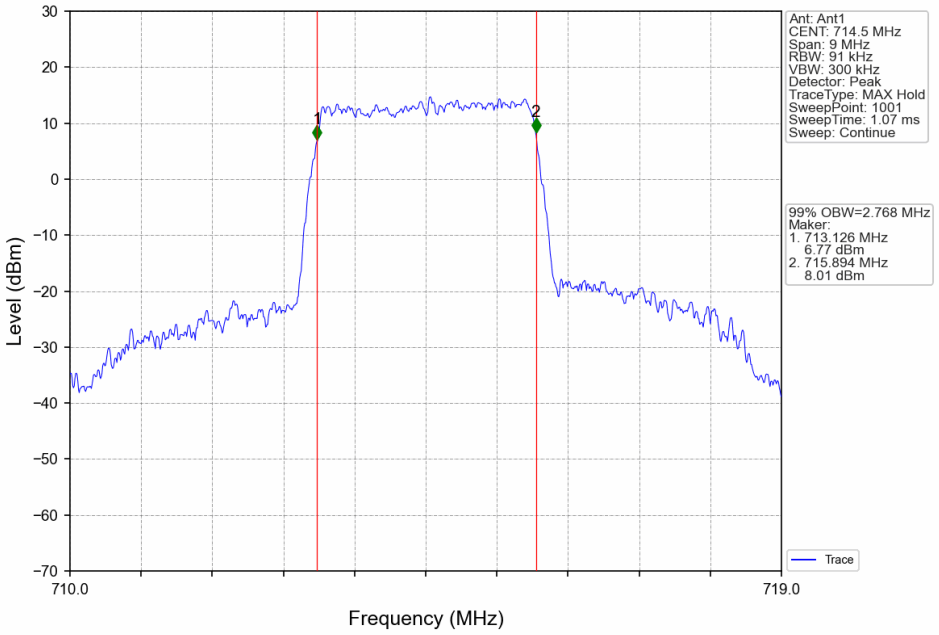
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



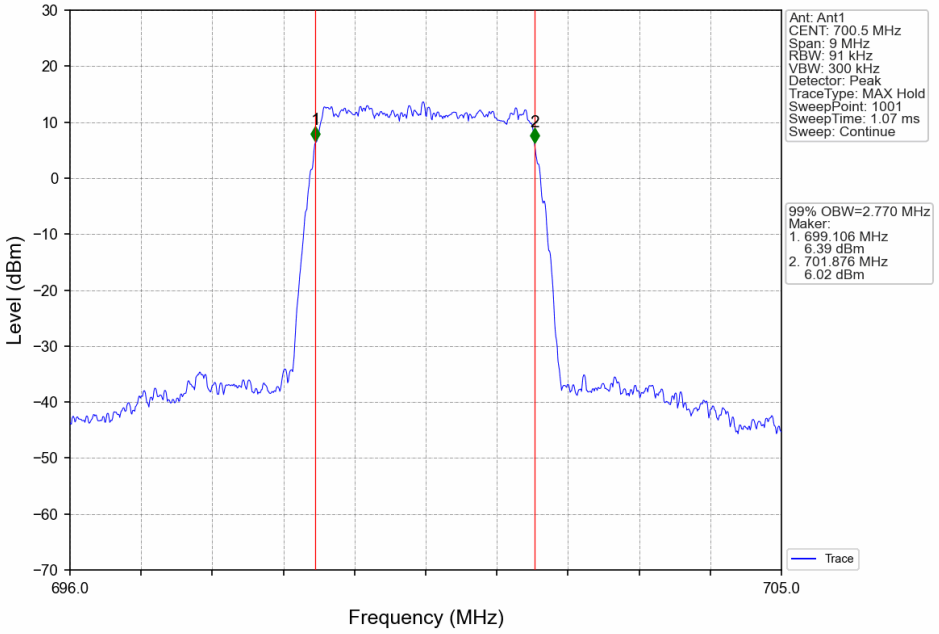
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



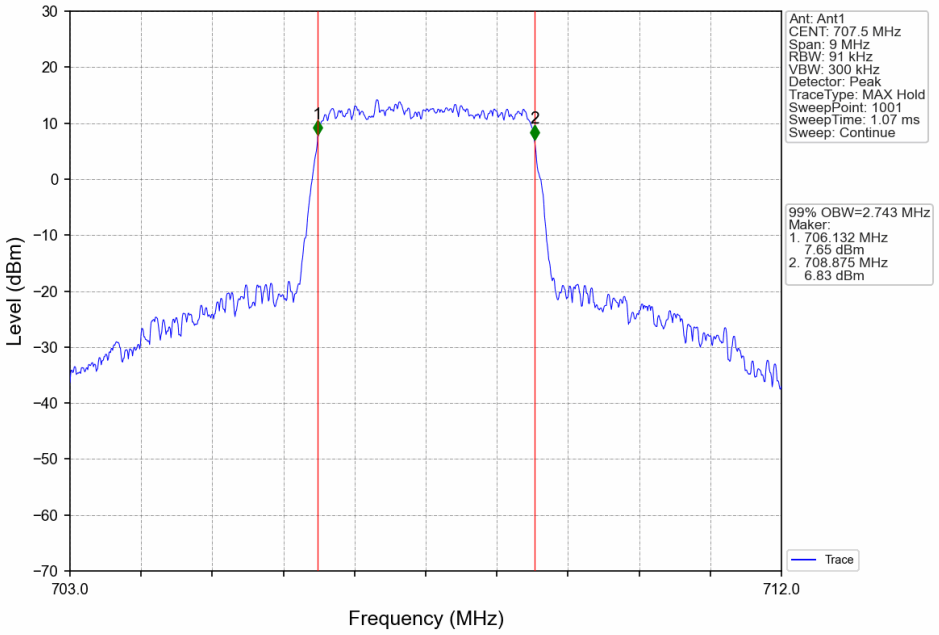
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



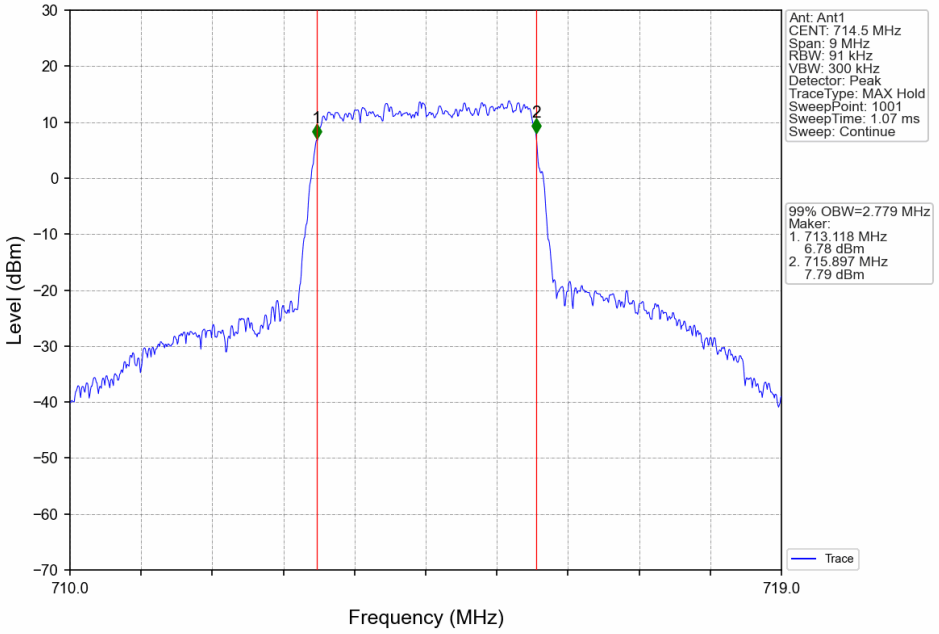
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



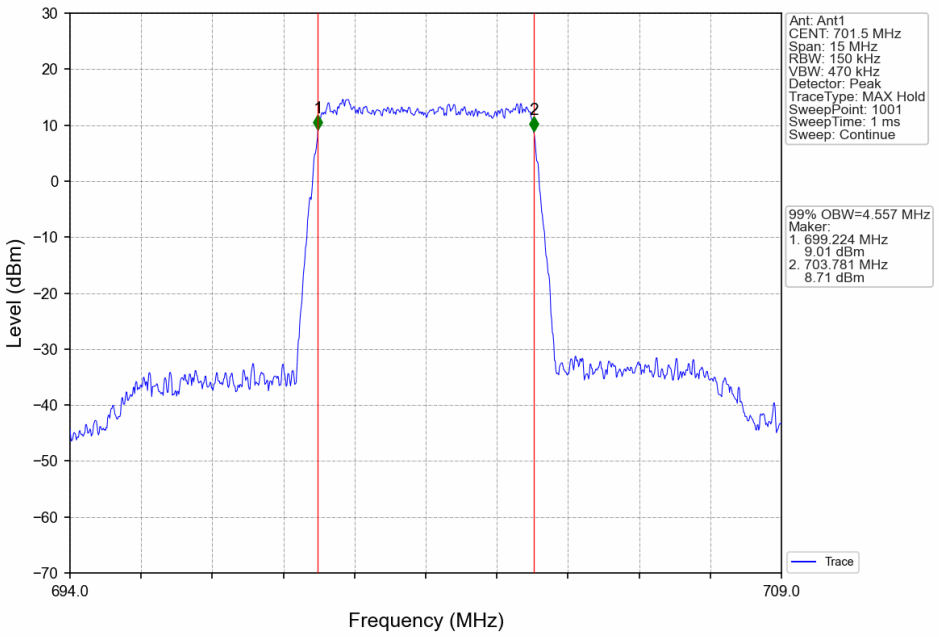
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



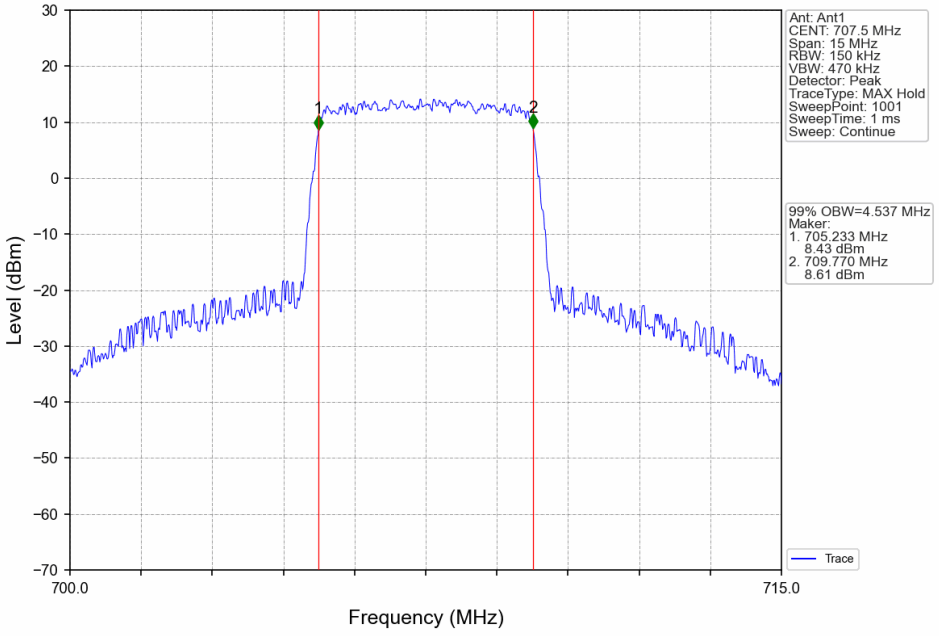
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



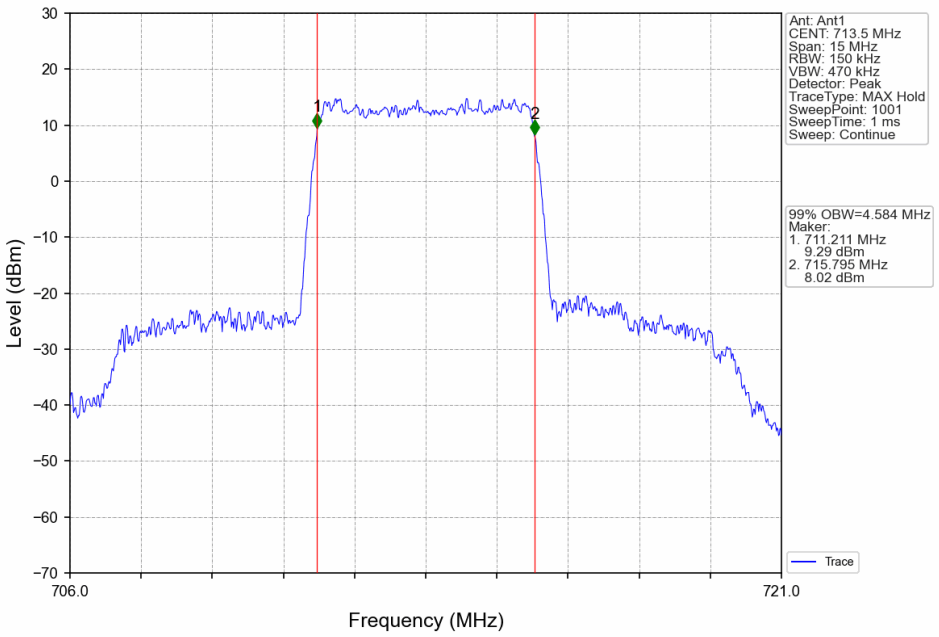
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



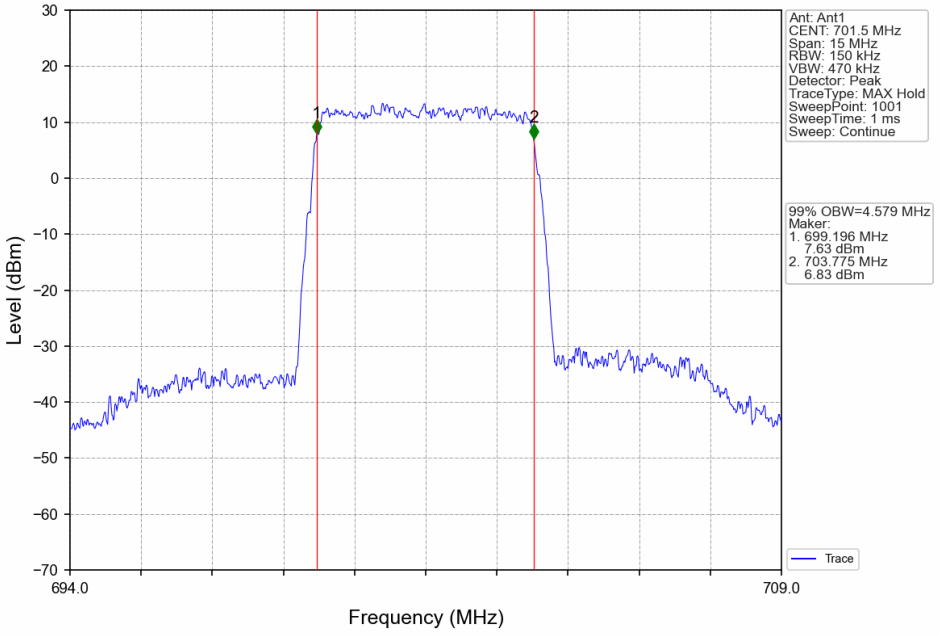
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



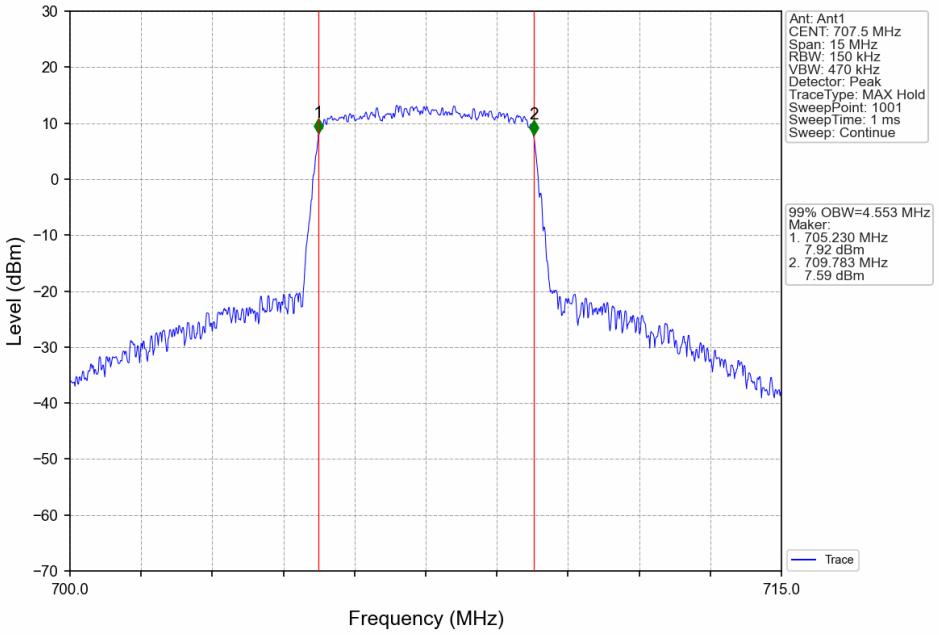
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



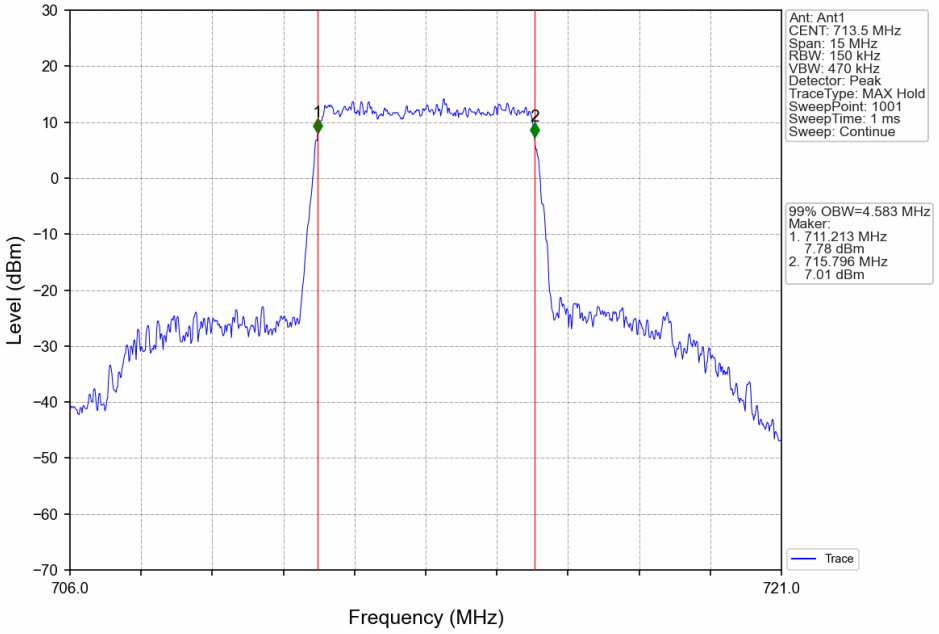
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



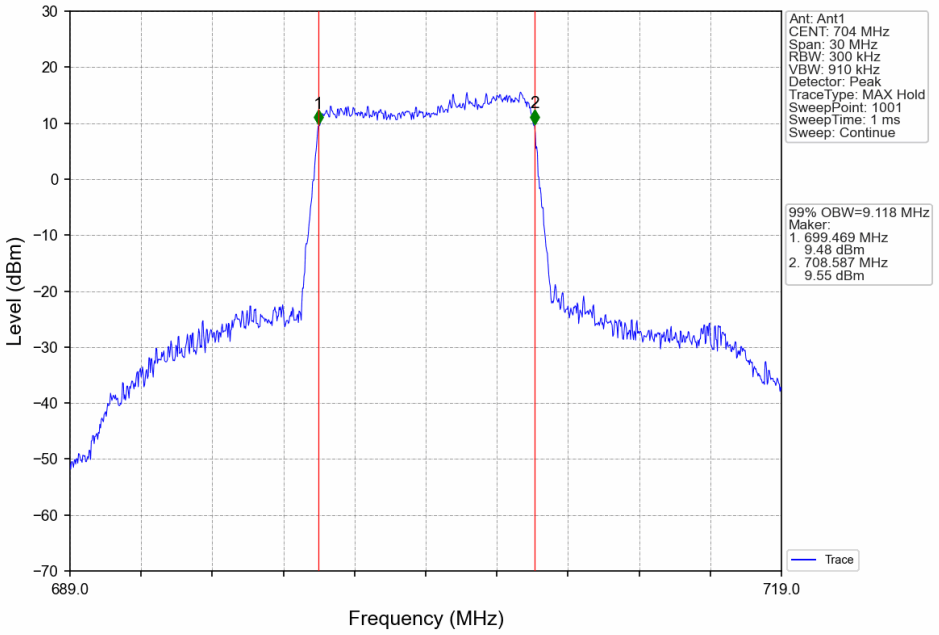
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



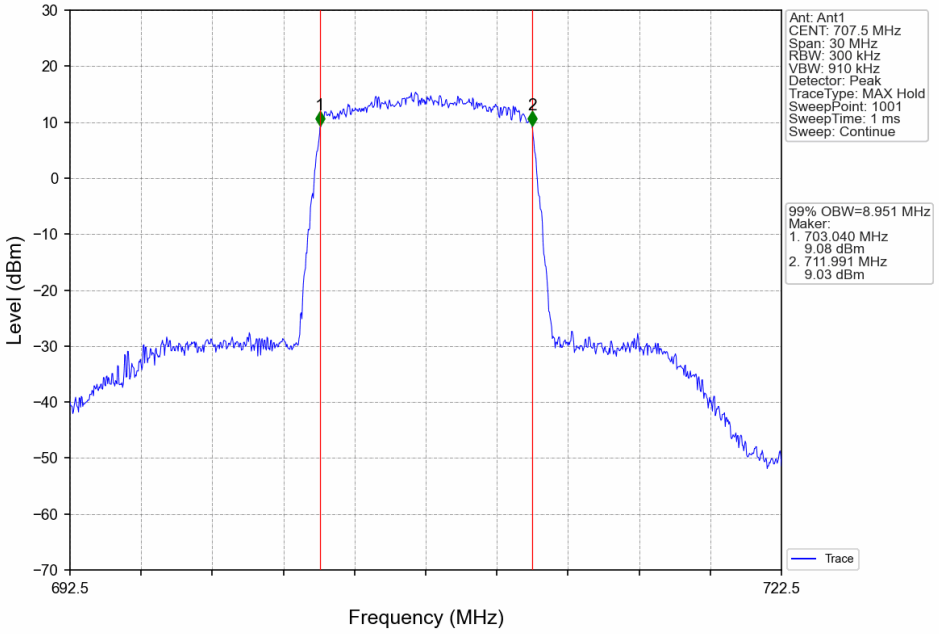
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



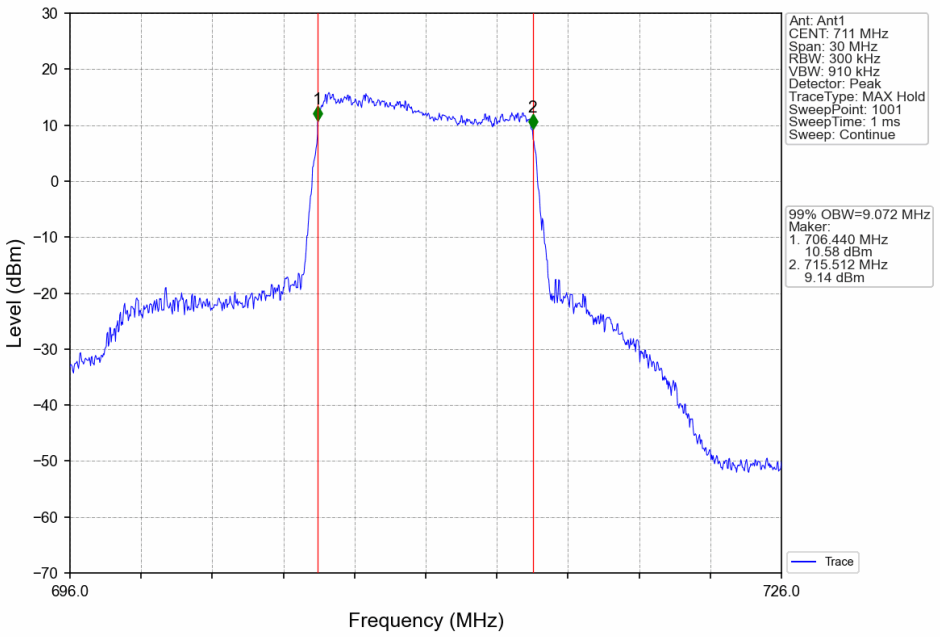
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



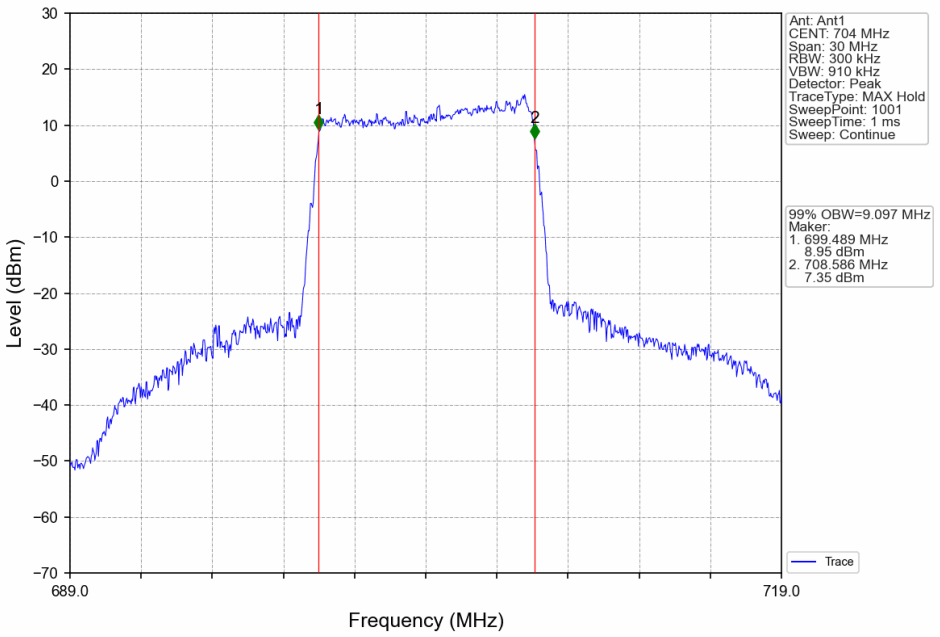
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



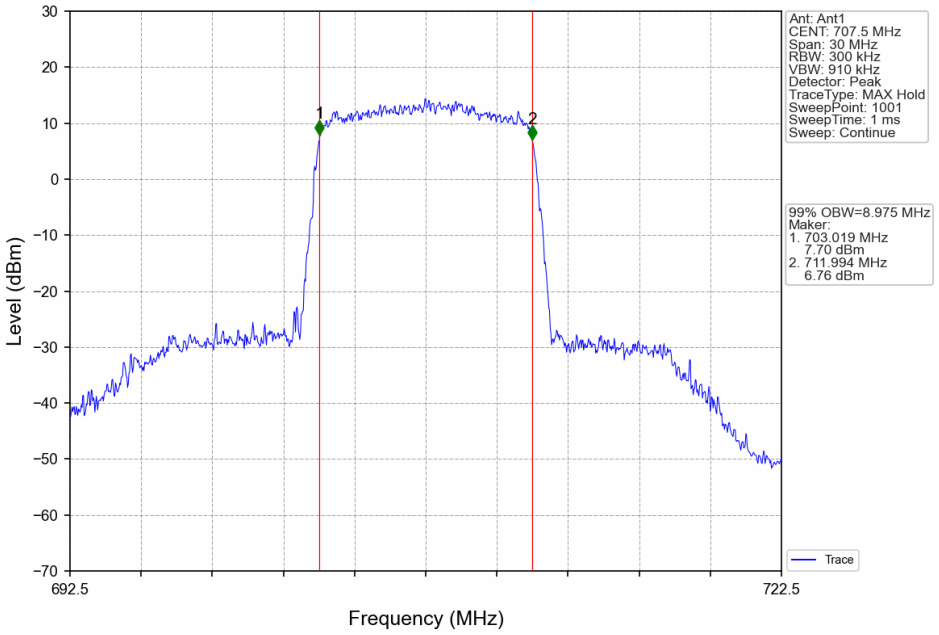
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



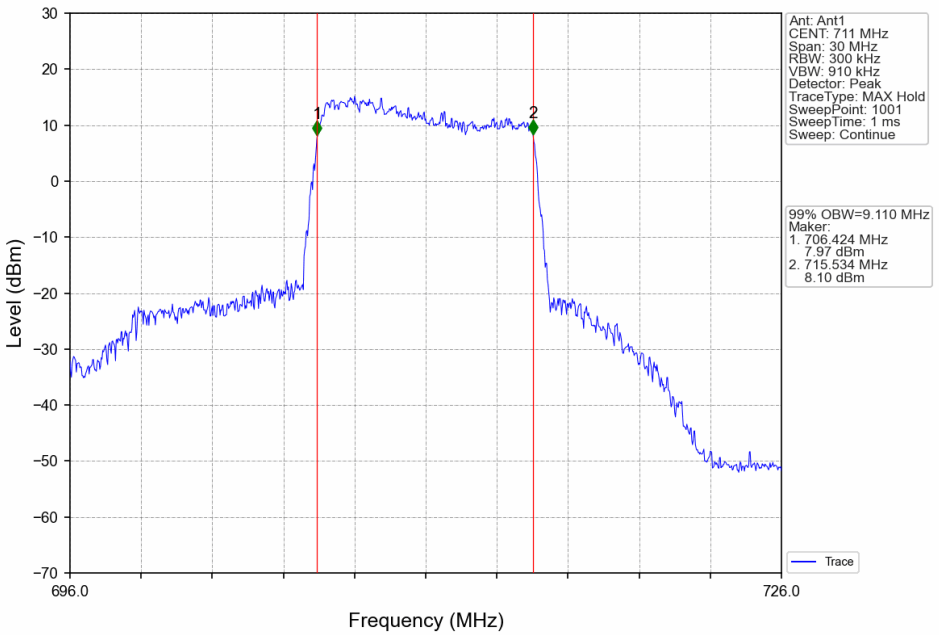
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



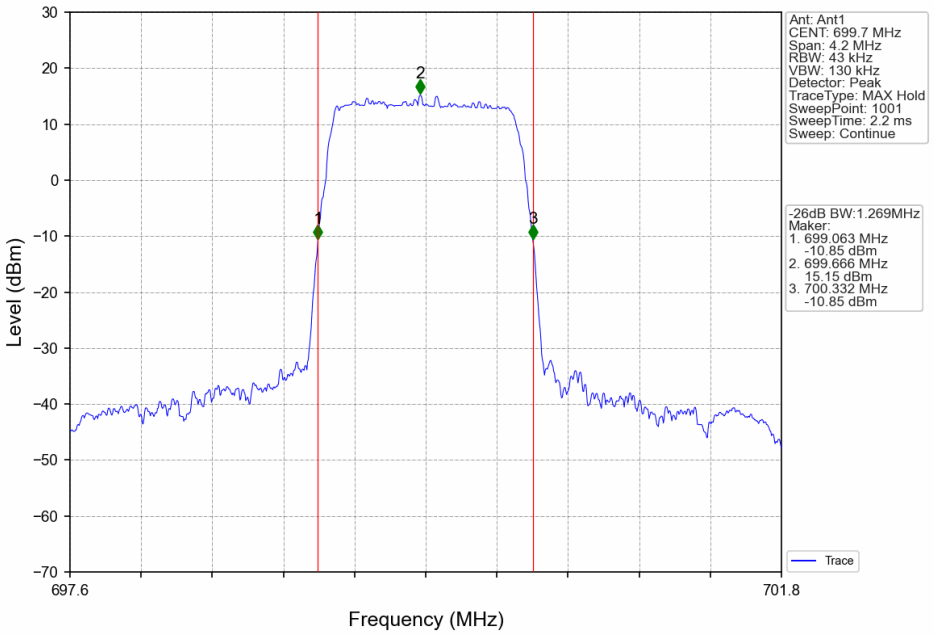
4.2 Band12_XDB

4.2.1 Test Result

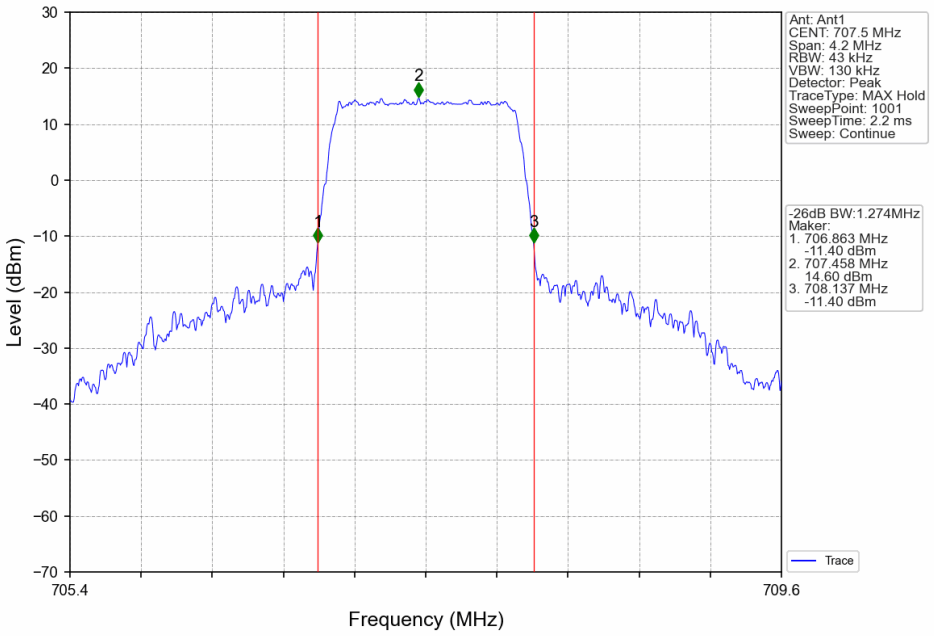
Band: 12 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	699.7	6	0	1.269	Pass
		707.5	6	0	1.274	Pass
		715.3	6	0	1.272	Pass
	16QAM	699.7	6	0	1.279	Pass
		707.5	6	0	1.263	Pass
		715.3	6	0	1.277	Pass
3	QPSK	700.5	15	0	3.103	Pass
		707.5	15	0	3.068	Pass
		714.5	15	0	3.118	Pass
	16QAM	700.5	15	0	3.112	Pass
		707.5	15	0	3.082	Pass
		714.5	15	0	3.121	Pass
5	QPSK	701.5	25	0	5.040	Pass
		707.5	25	0	5.060	Pass
		713.5	25	0	5.075	Pass
	16QAM	701.5	25	0	5.081	Pass
		707.5	25	0	5.063	Pass
		713.5	25	0	5.080	Pass
10	QPSK	704	50	0	10.011	Pass
		707.5	50	0	9.922	Pass
		711	50	0	10.016	Pass
	16QAM	704	50	0	10.033	Pass
		707.5	50	0	9.915	Pass
		711	50	0	10.034	Pass

4.2.2 Test Graph

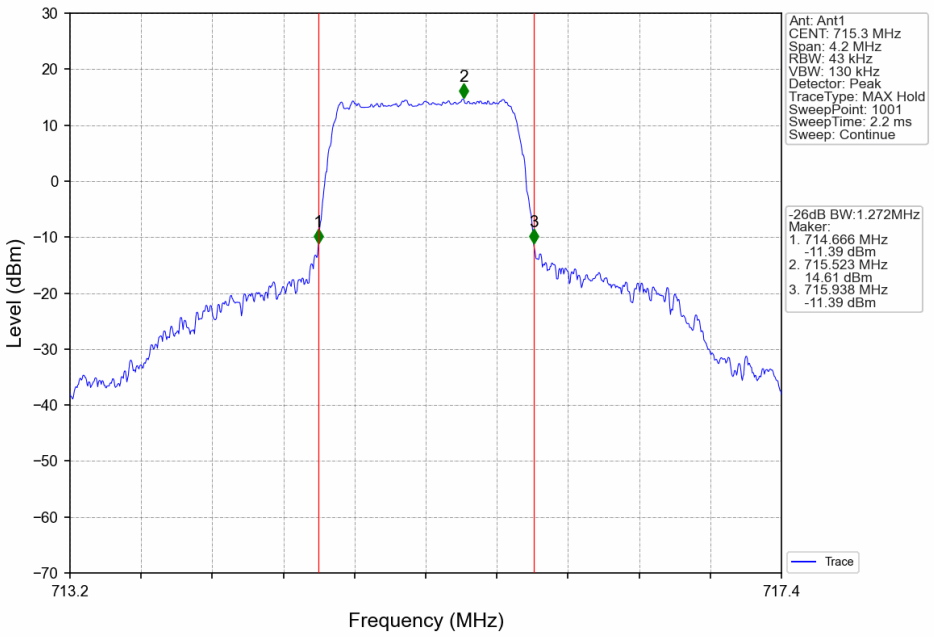
Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV



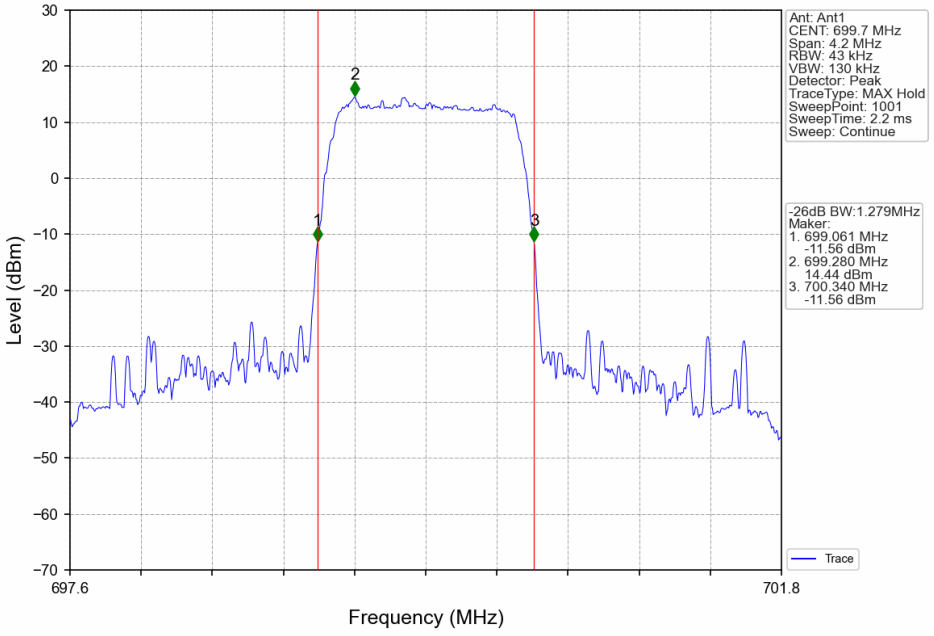
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_6_0_NTNV



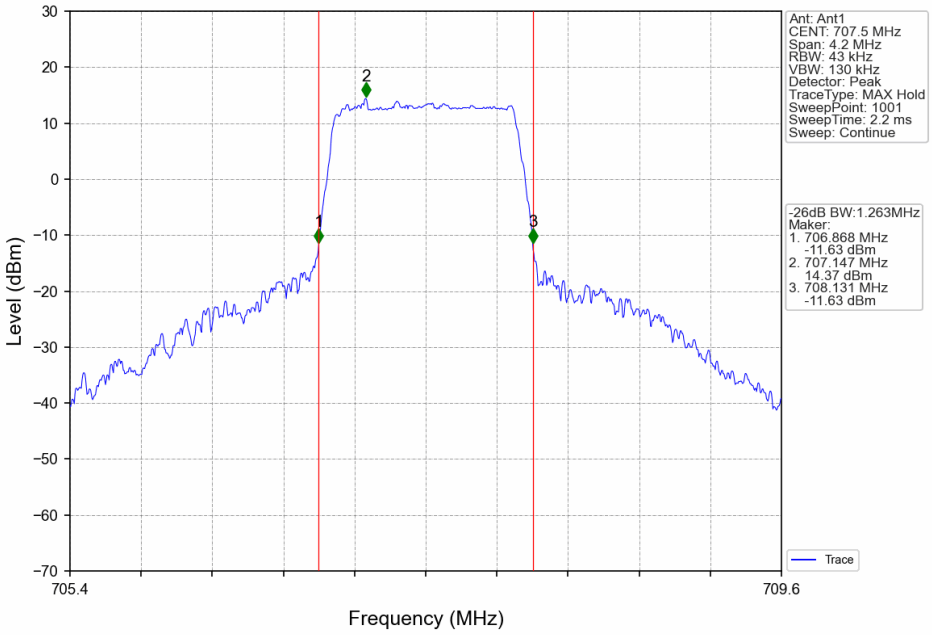
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



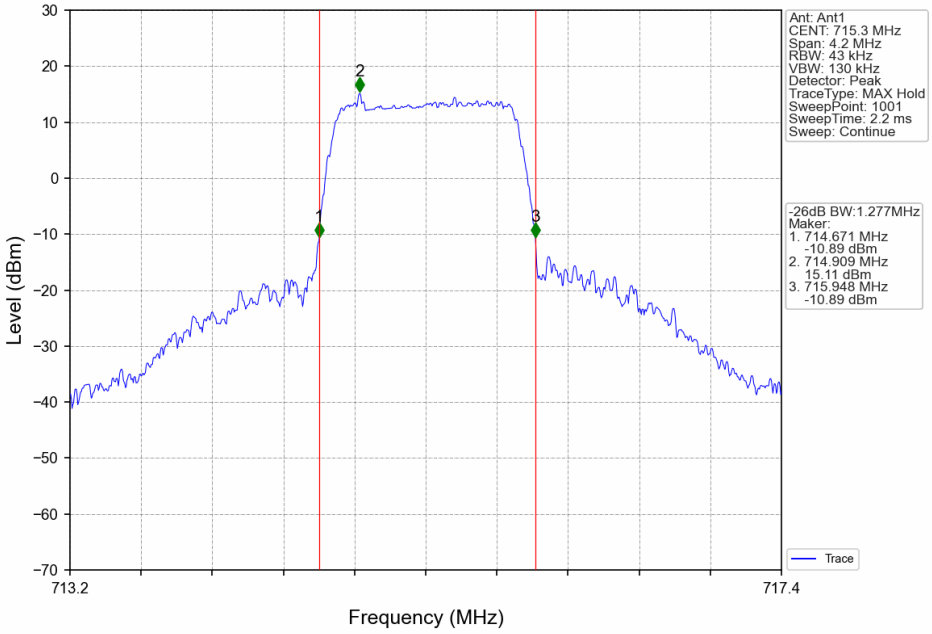
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



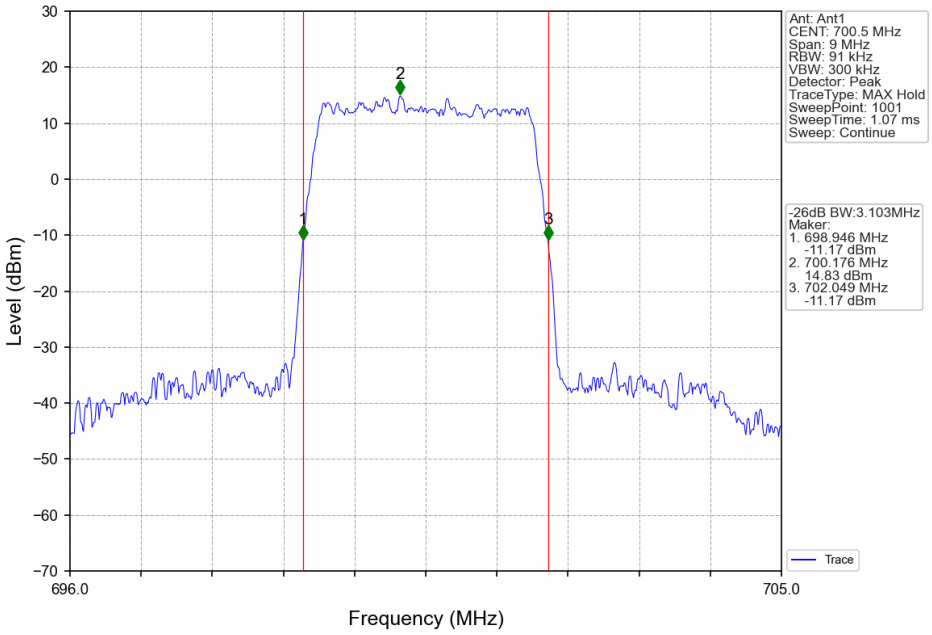
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



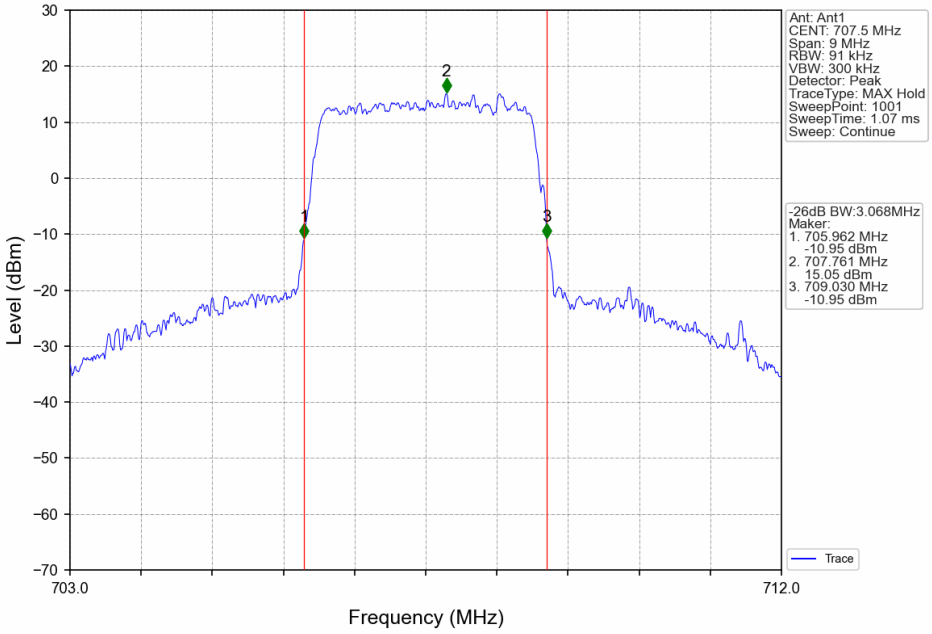
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



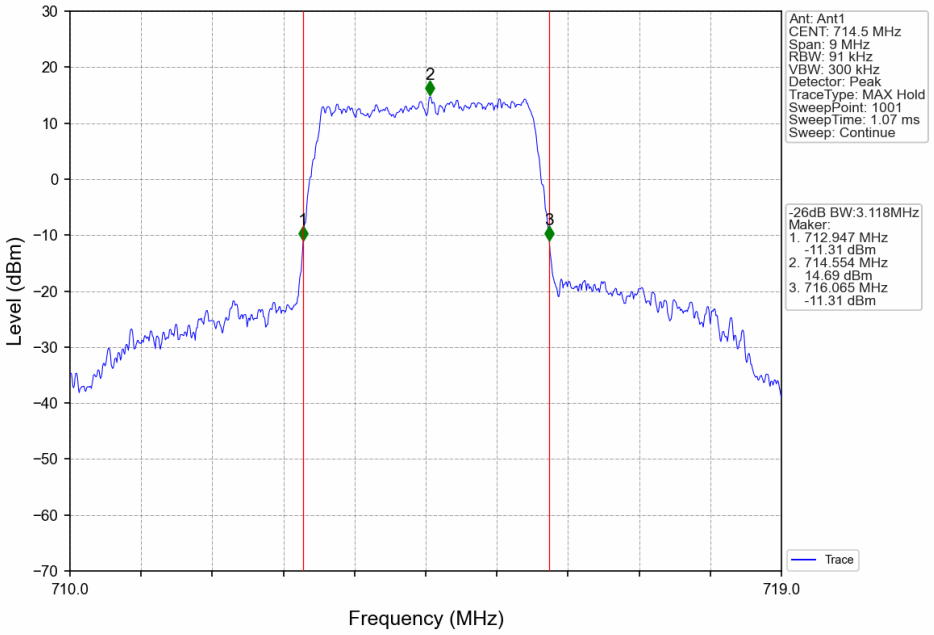
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



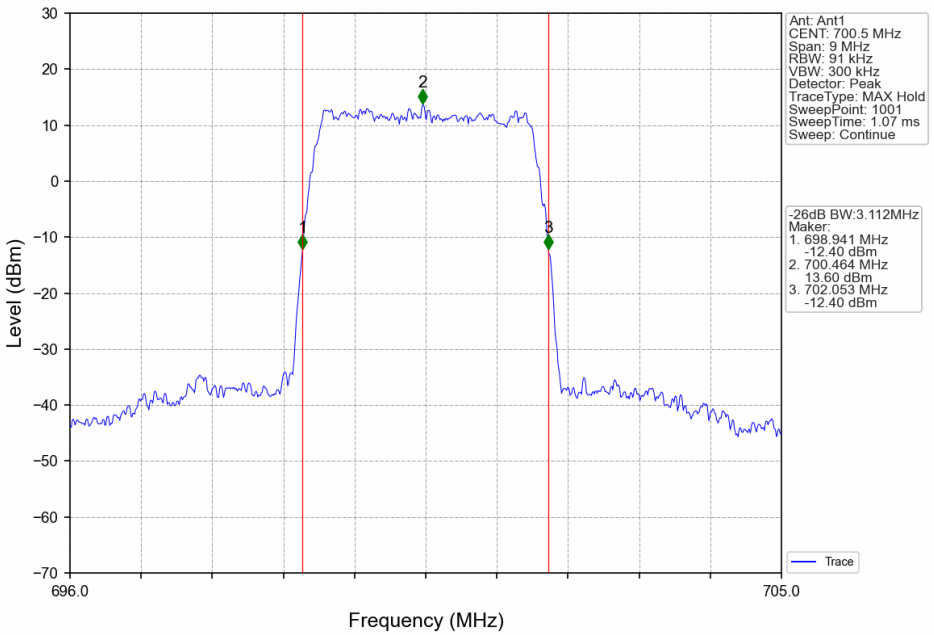
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



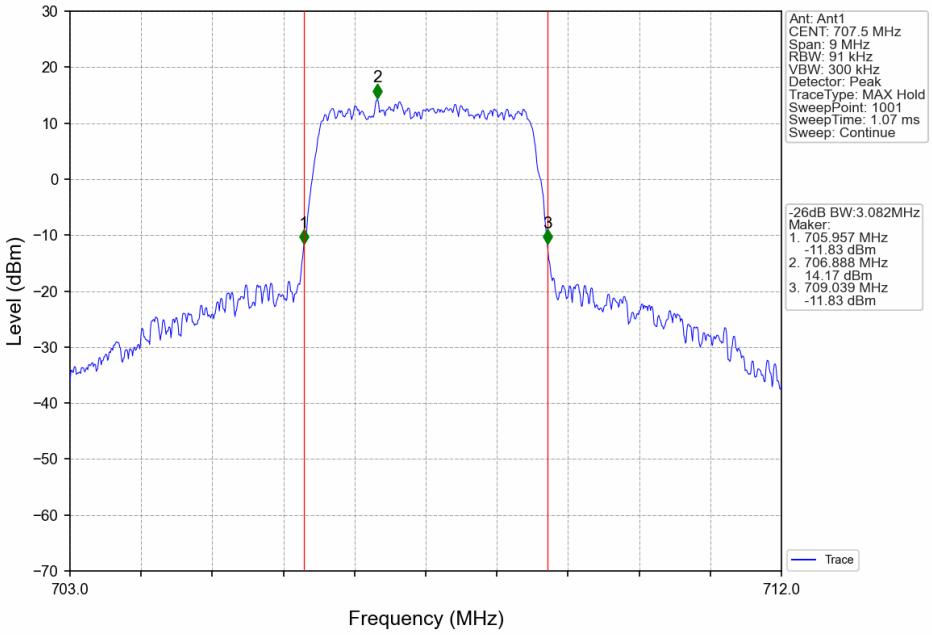
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



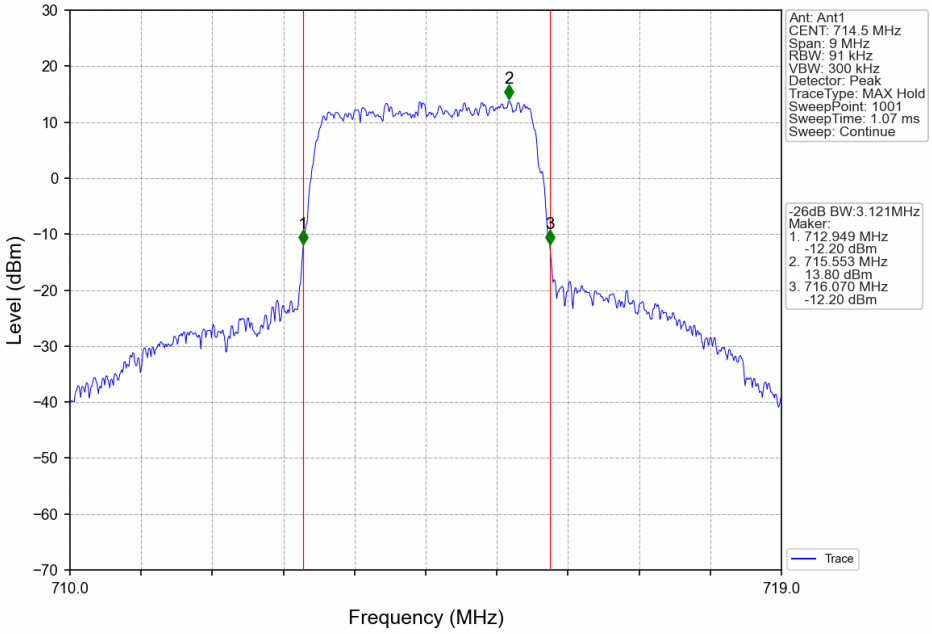
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



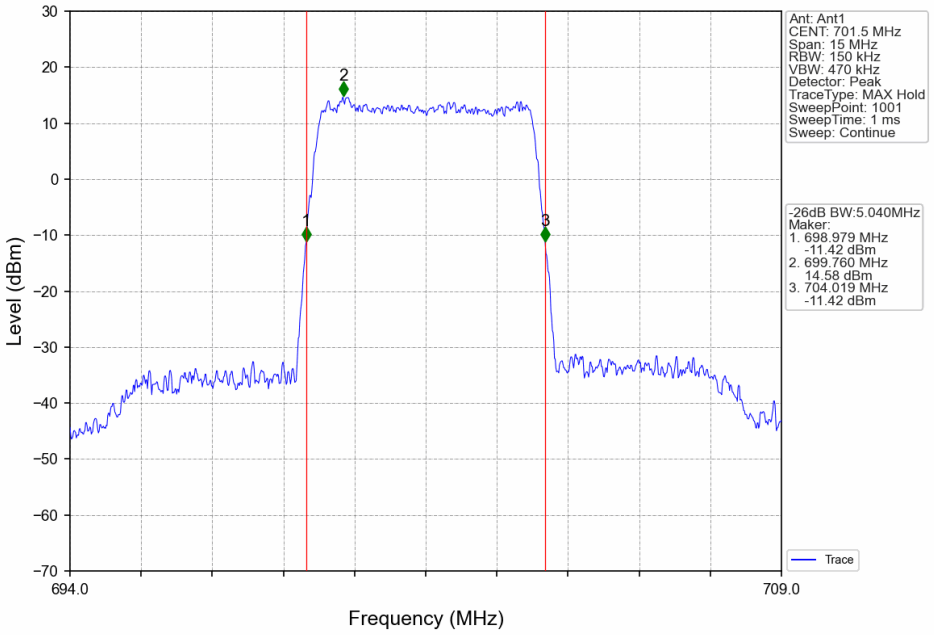
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



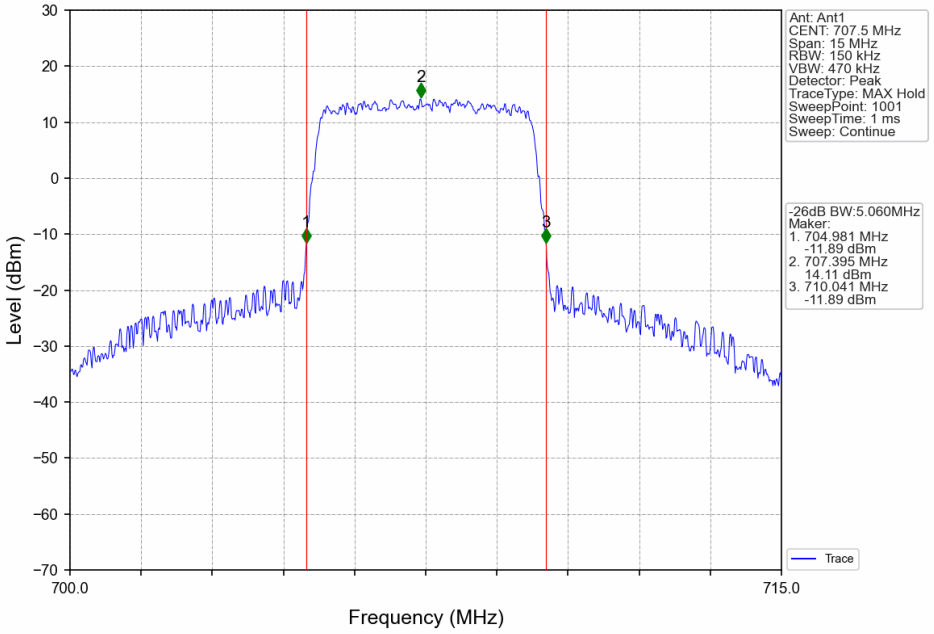
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



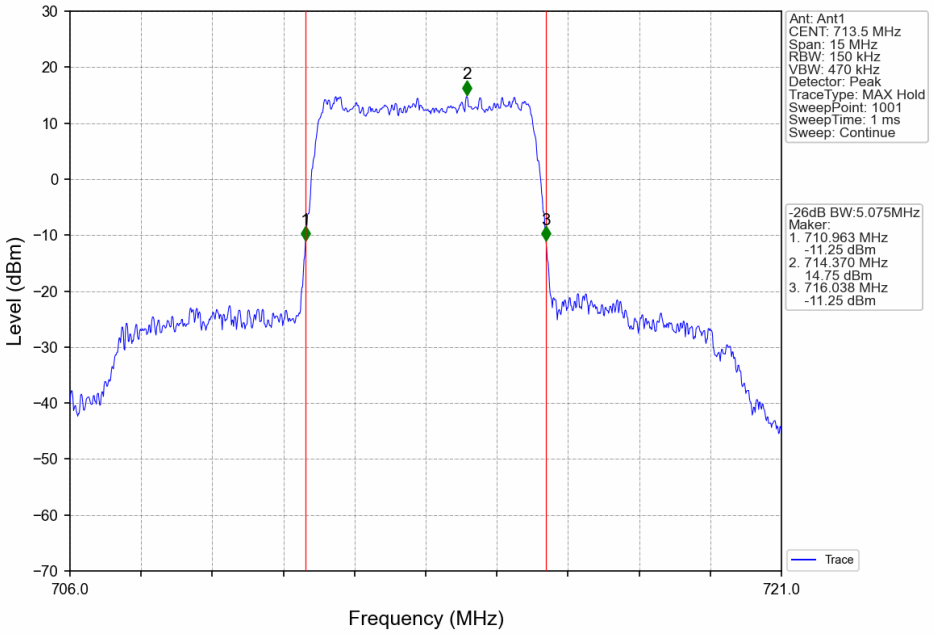
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



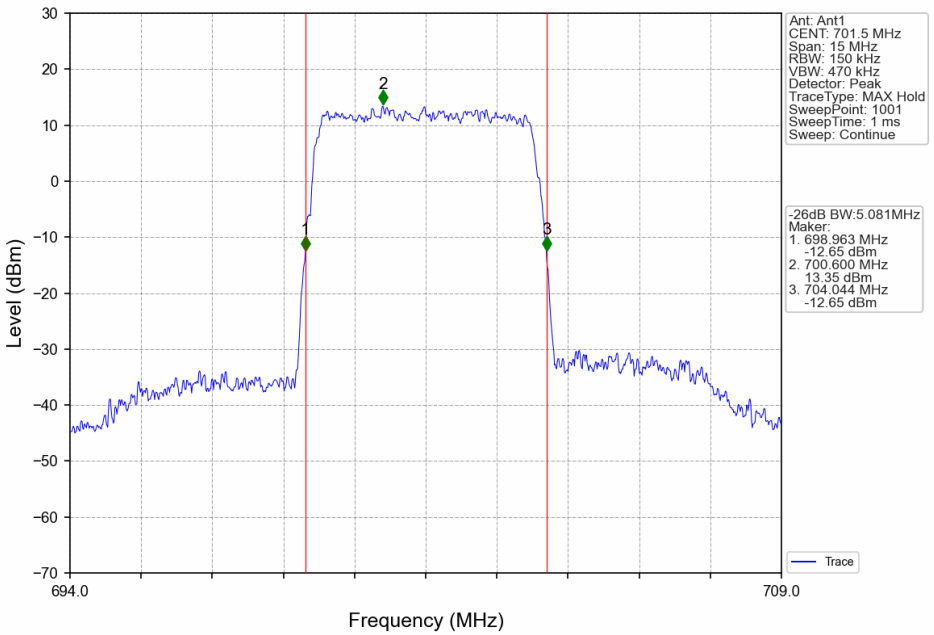
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



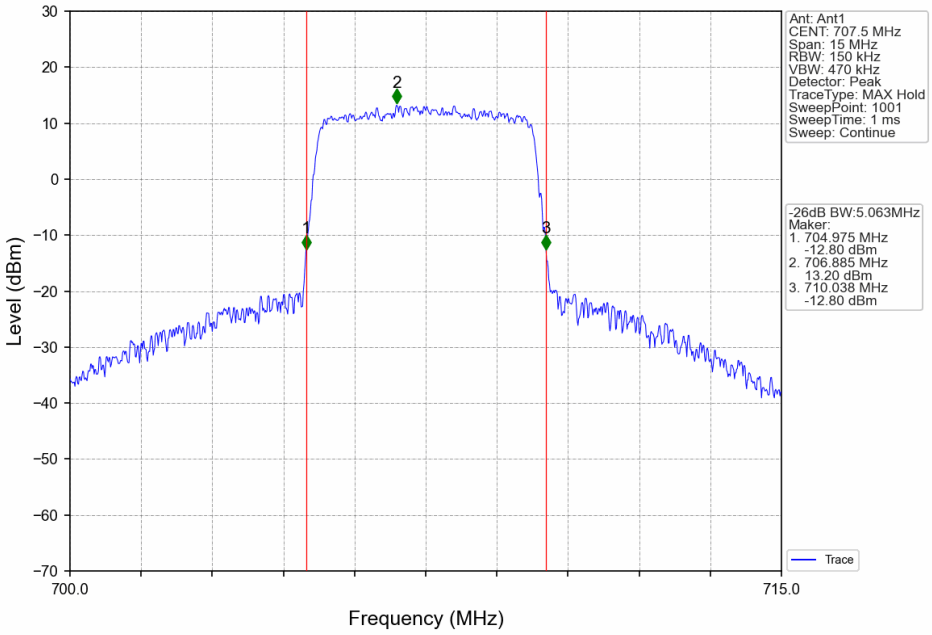
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



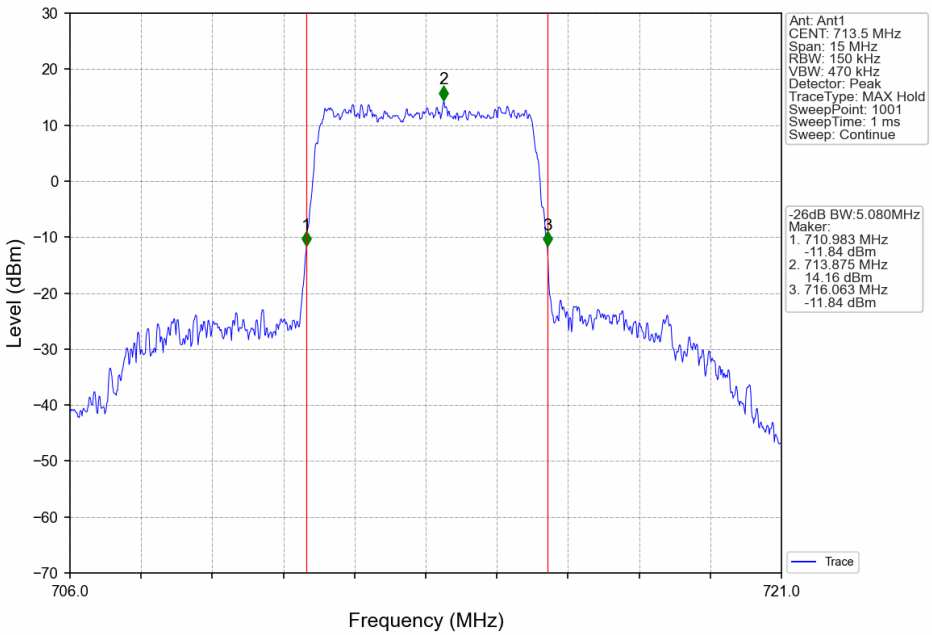
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



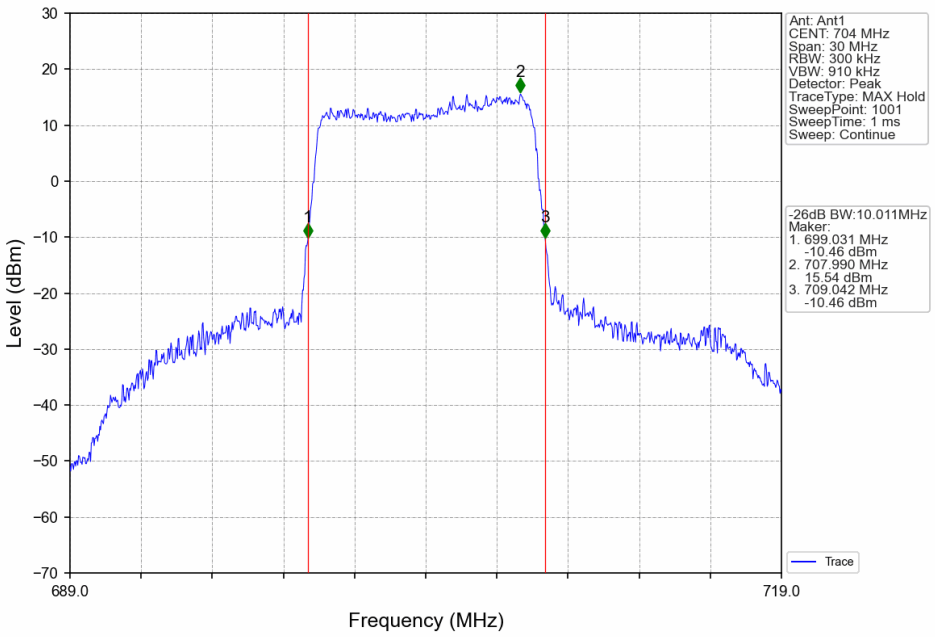
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



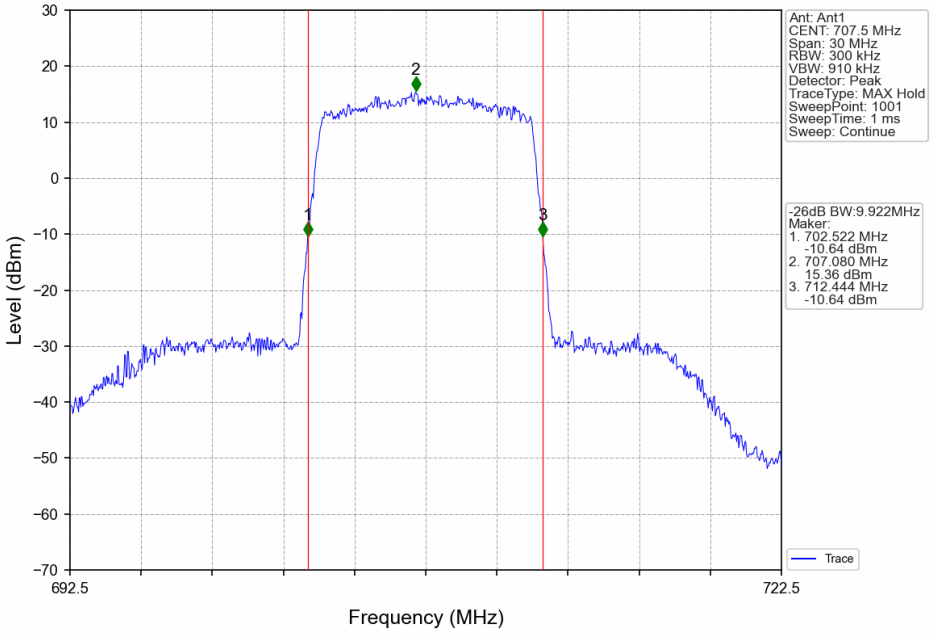
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



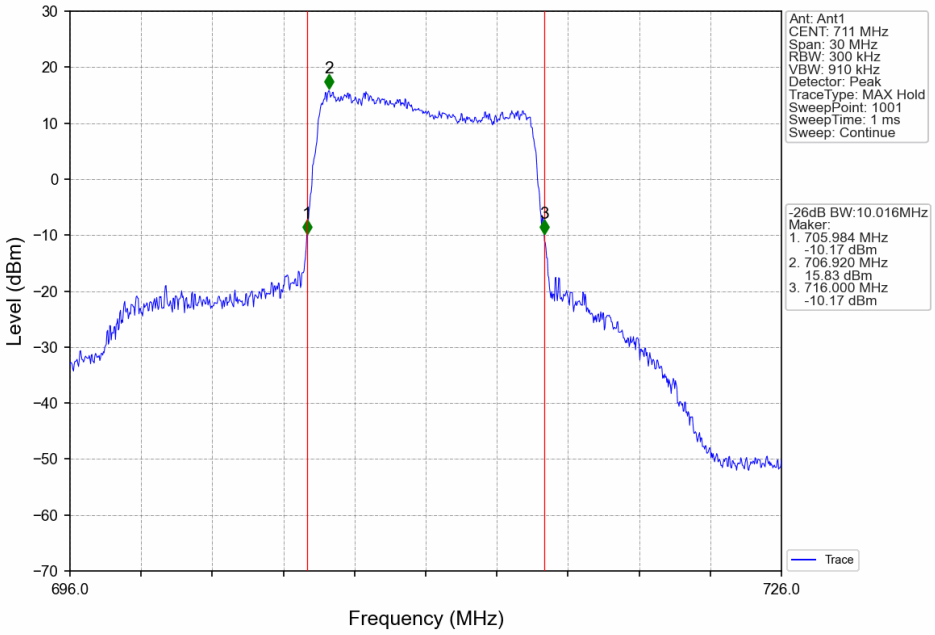
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



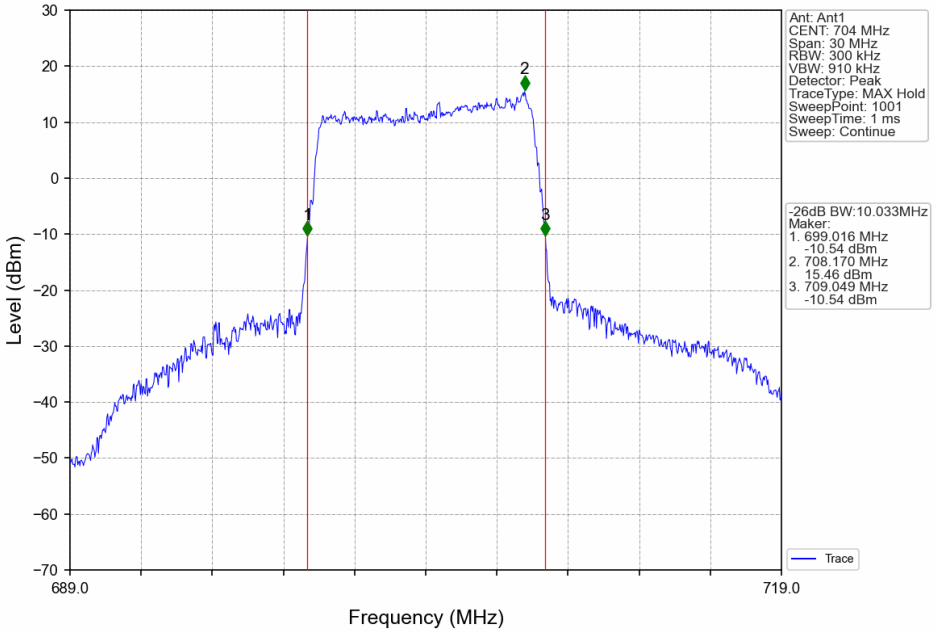
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



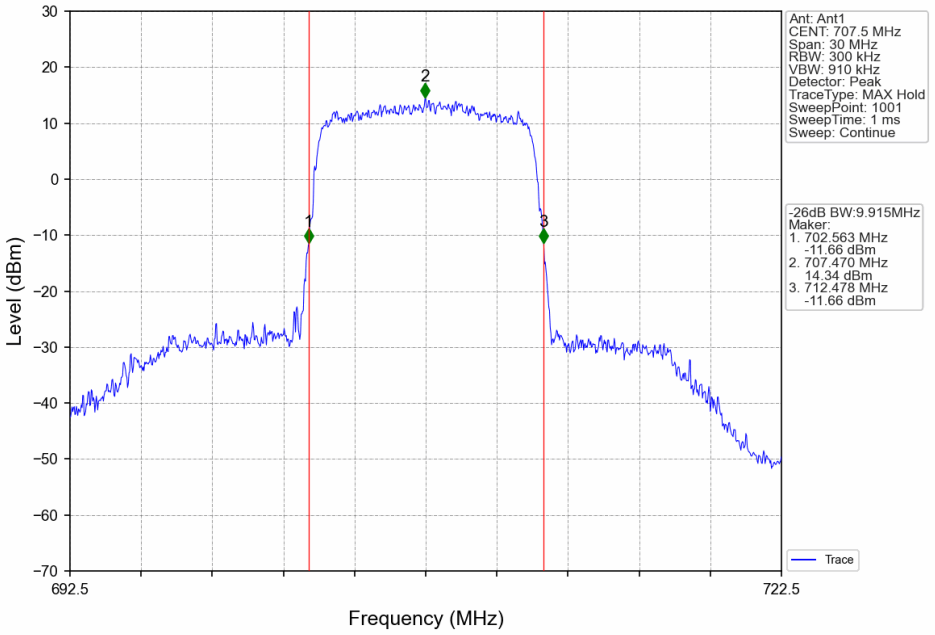
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



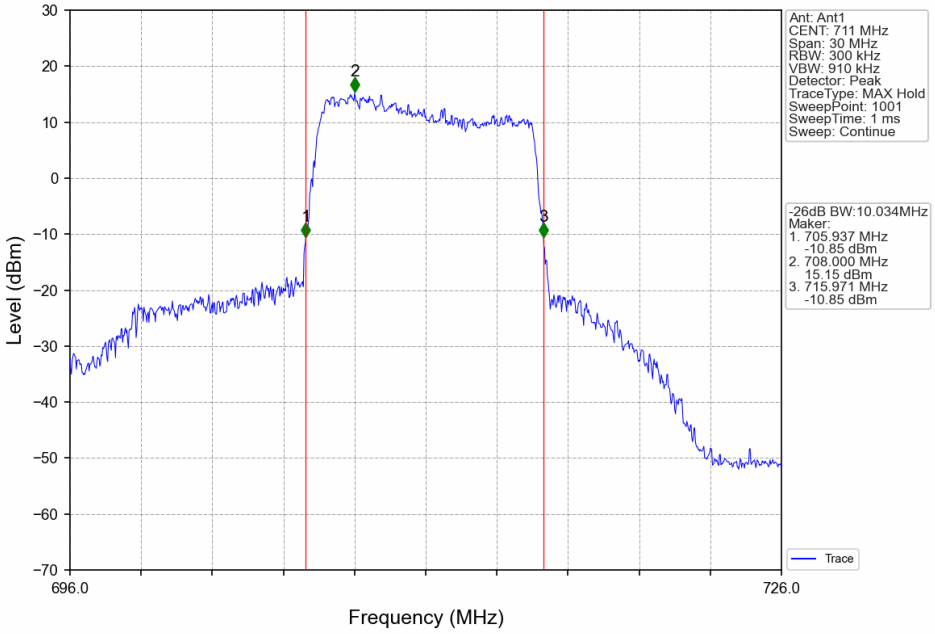
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



5. Peak-Average Ratio

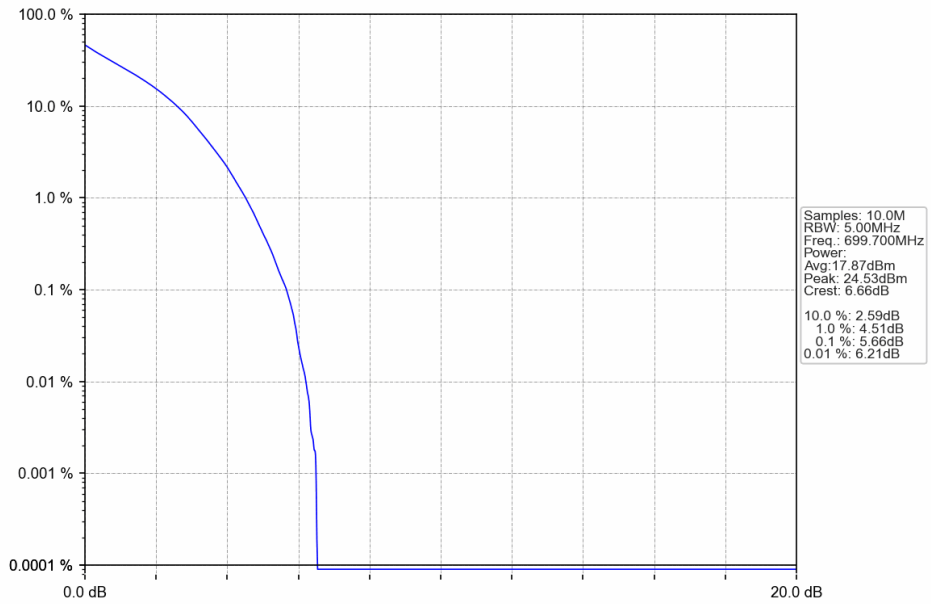
5.1 B12_1.4MHz

5.1.1 Test Result

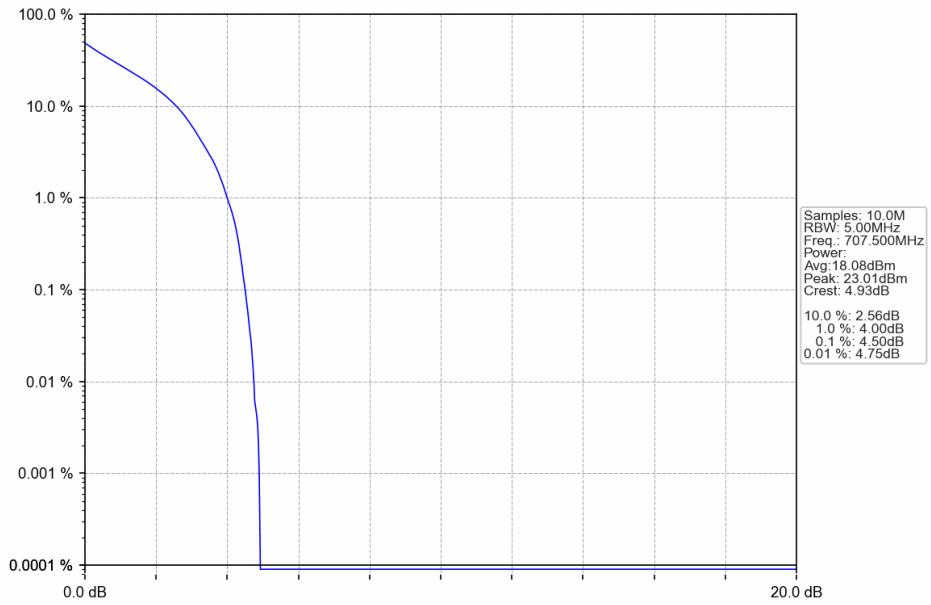
Band: 12 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	699.7	6	0	5.66	<=13	Pass
	707.5	6	0	4.50	<=13	Pass
	715.3	6	0	3.85	<=13	Pass
16QAM	699.7	6	0	6.38	<=13	Pass
	707.5	6	0	5.35	<=13	Pass
	715.3	6	0	4.88	<=13	Pass

5.1.2 Test Graph

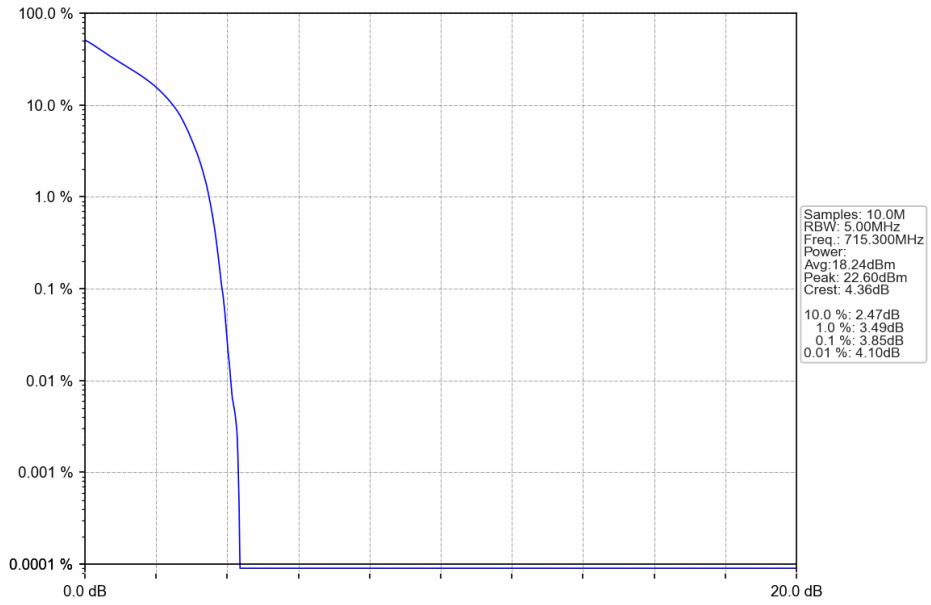
Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV



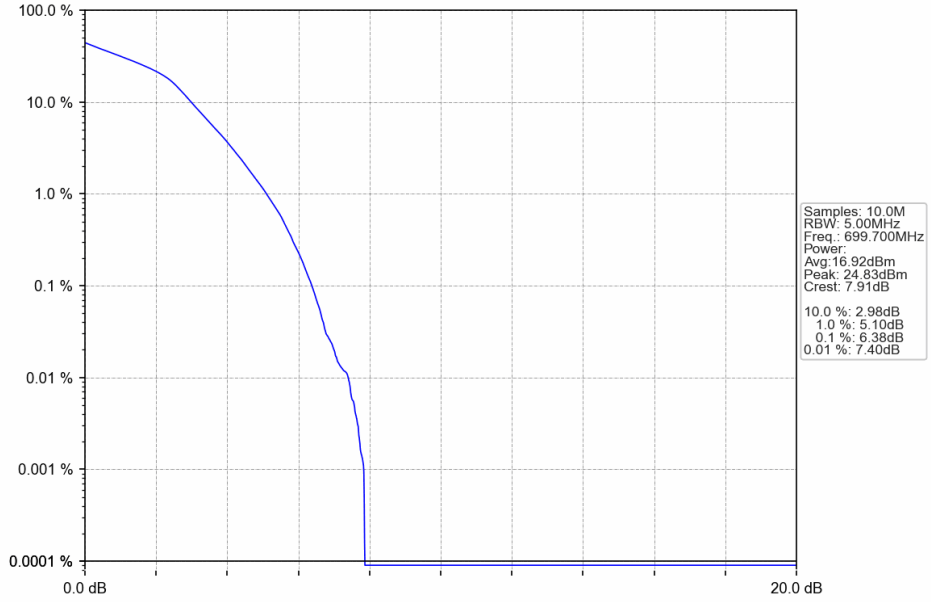
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_6_0_NTNV



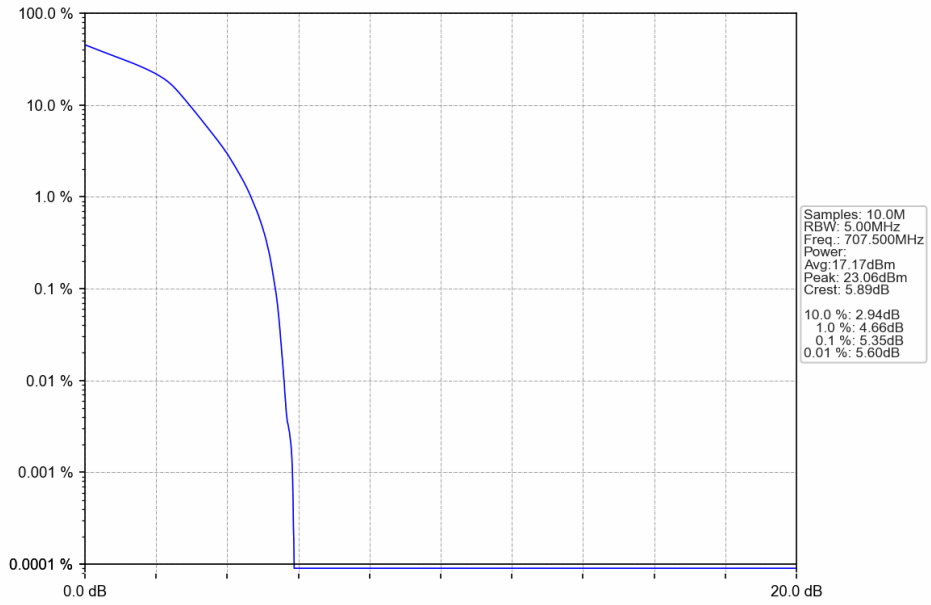
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



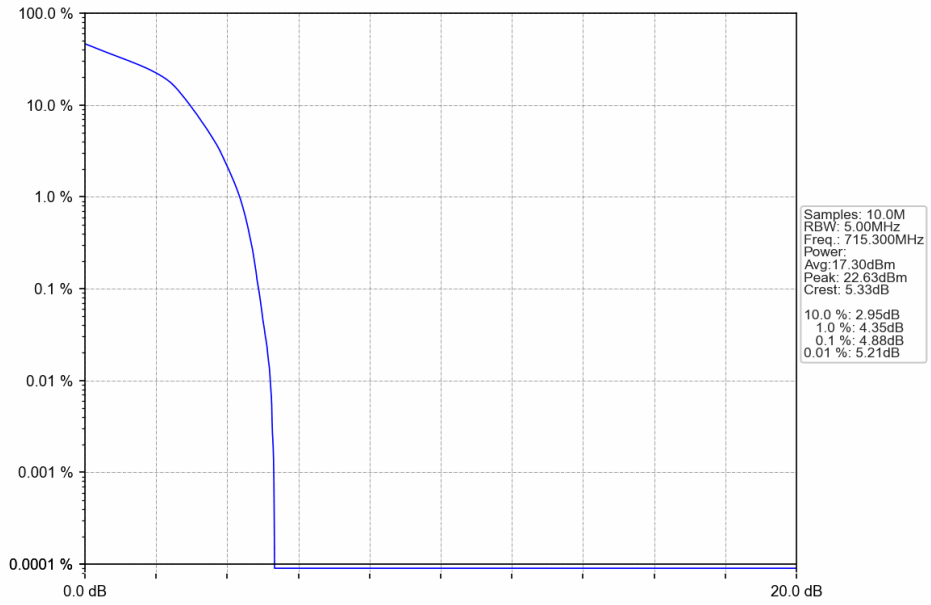
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



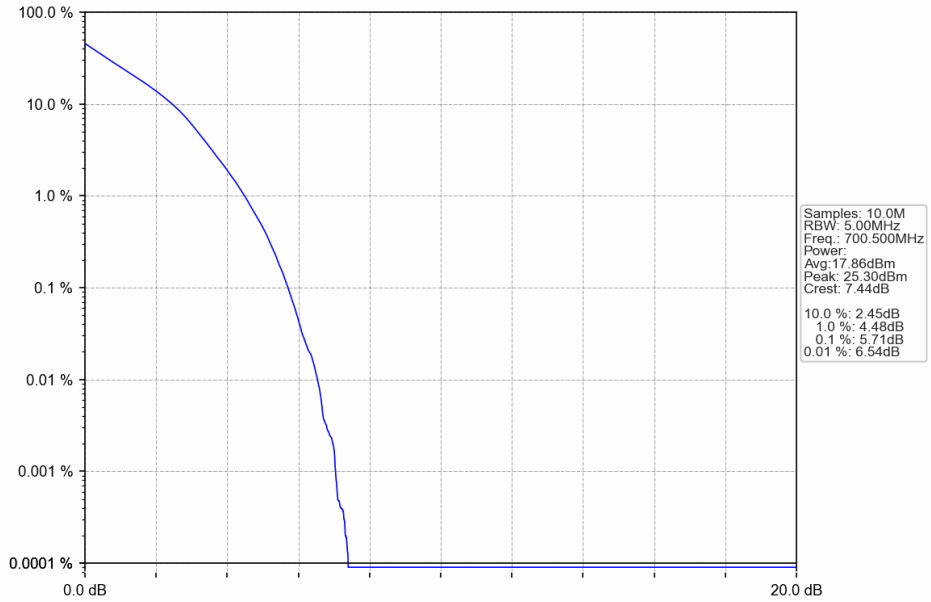
5.2 B12_3MHz

5.2.1 Test Result

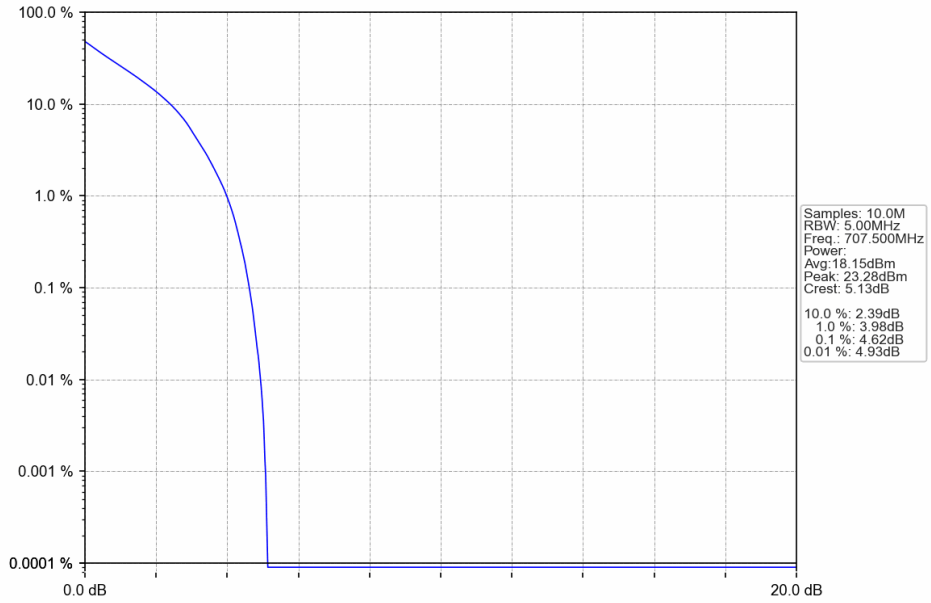
Band: 12 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	700.5	15	0	5.71	<=13	Pass
	707.5	15	0	4.62	<=13	Pass
	714.5	15	0	4.80	<=13	Pass
16QAM	700.5	15	0	6.48	<=13	Pass
	707.5	15	0	5.47	<=13	Pass
	714.5	15	0	5.72	<=13	Pass

5.2.2 Test Graph

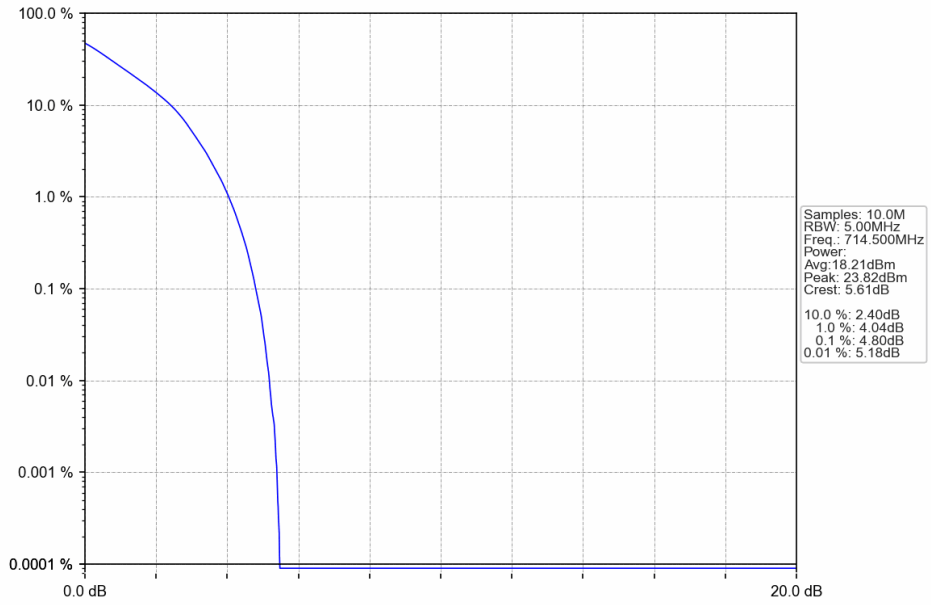
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



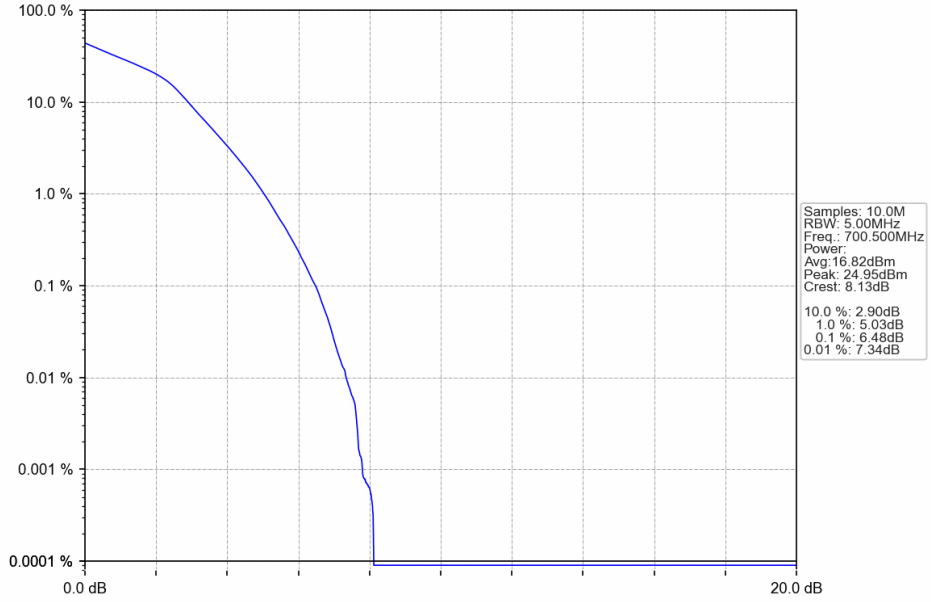
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



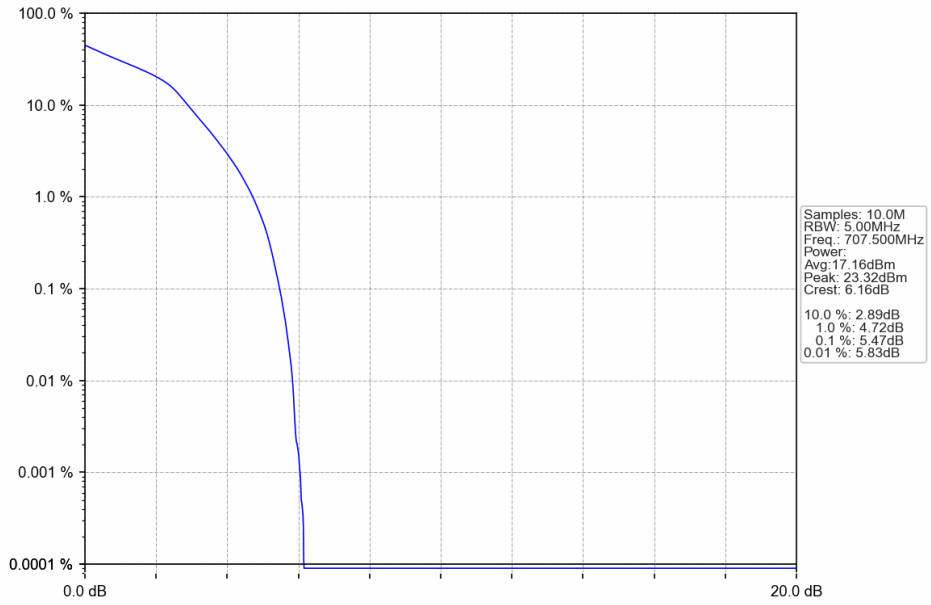
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



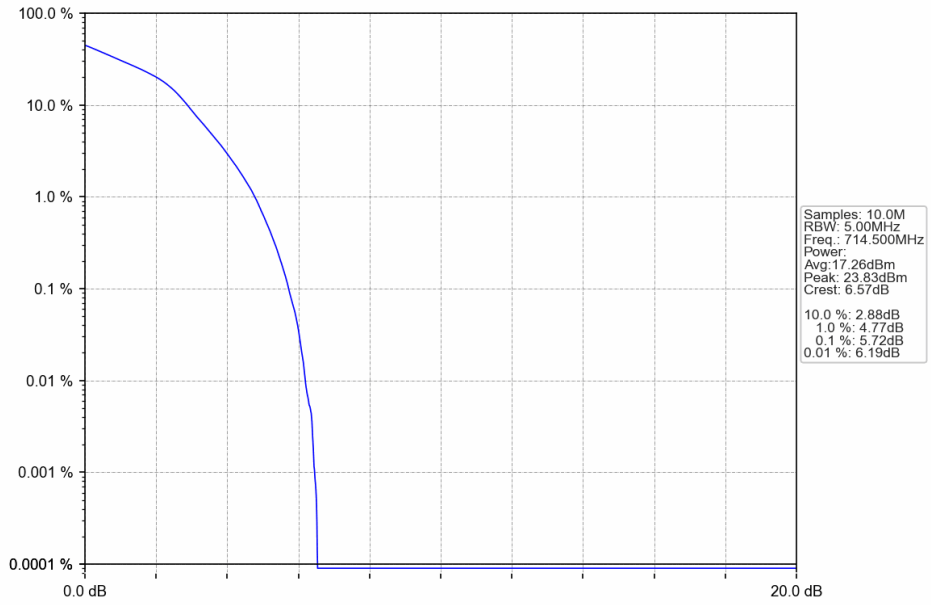
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



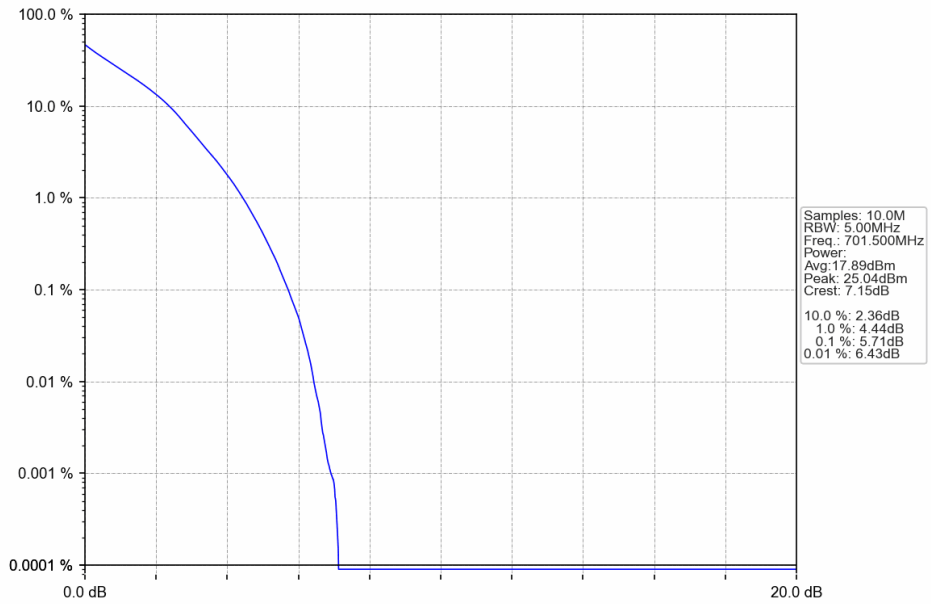
5.3 B12_5MHz

5.3.1 Test Result

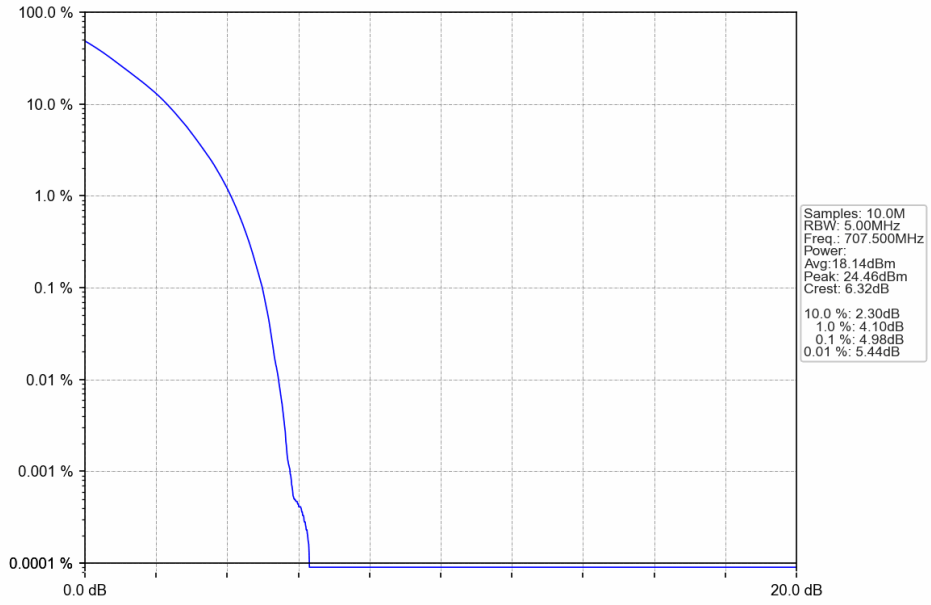
Band: 12 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	701.5	25	0	5.71	<=13	Pass
	707.5	25	0	4.98	<=13	Pass
	713.5	25	0	5.49	<=13	Pass
16QAM	701.5	25	0	6.47	<=13	Pass
	707.5	25	0	5.78	<=13	Pass
	713.5	25	0	6.18	<=13	Pass

5.3.2 Test Graph

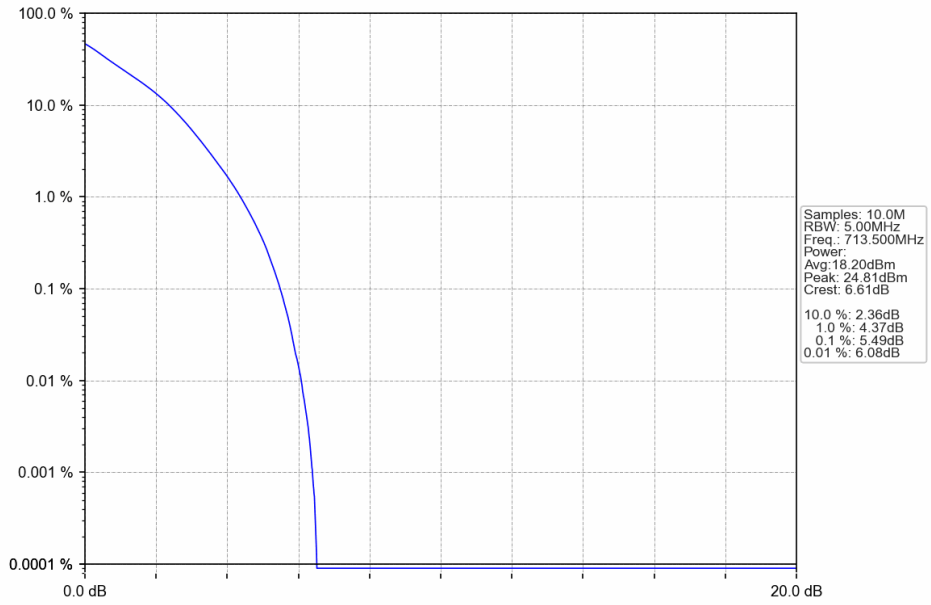
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



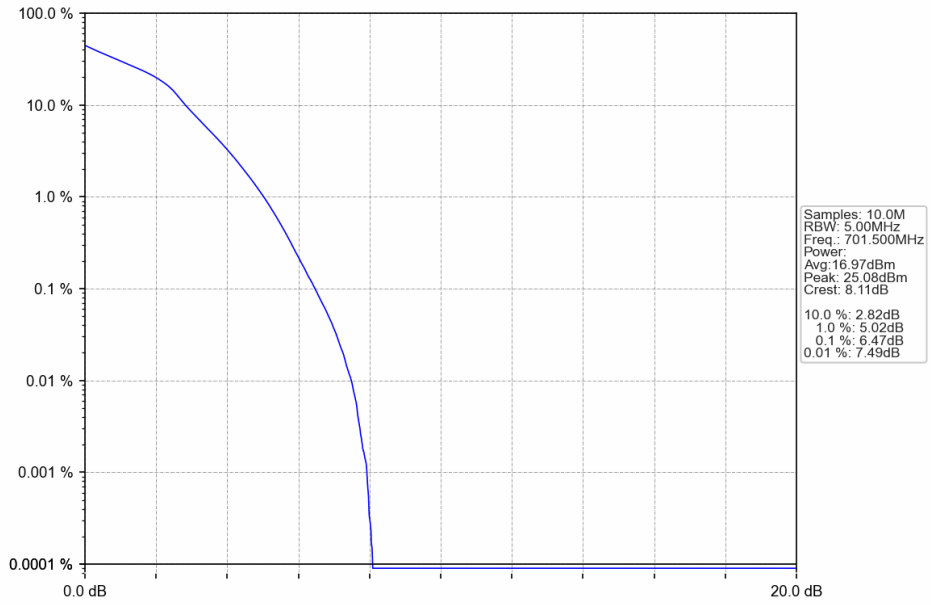
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



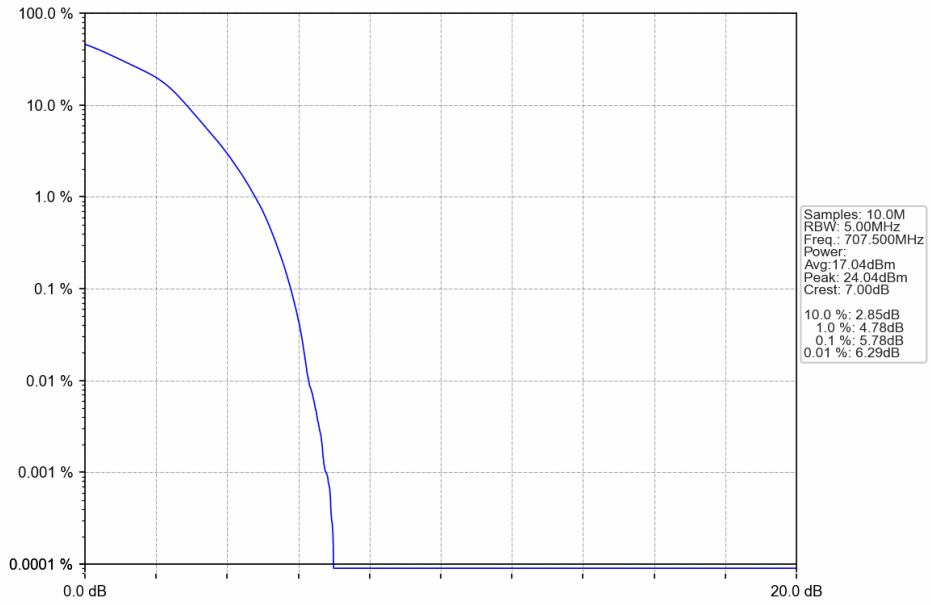
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



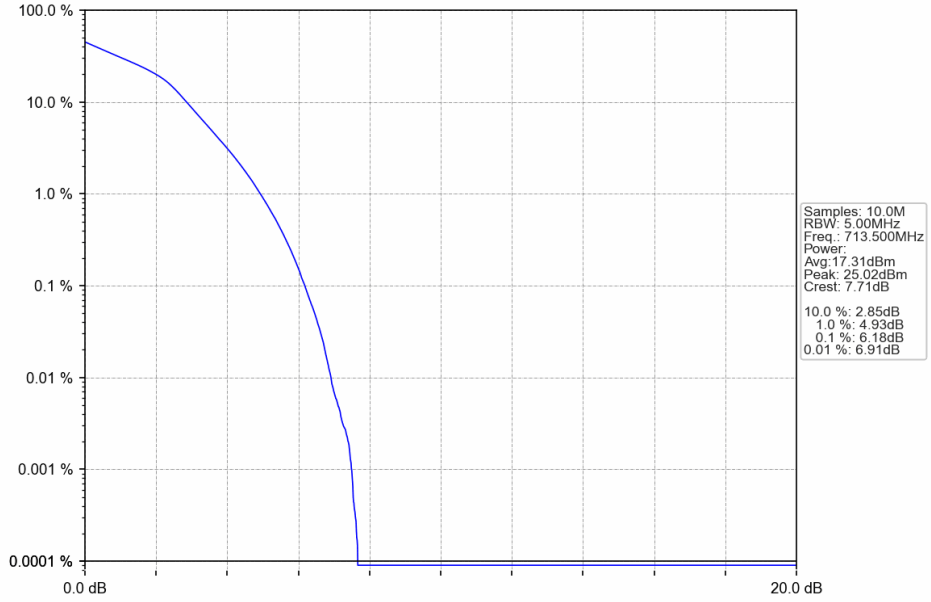
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



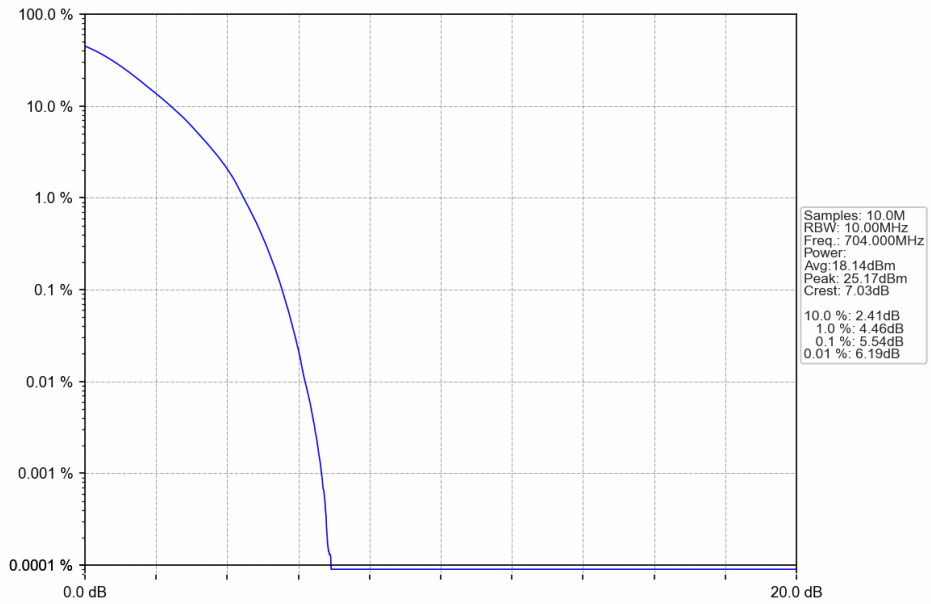
5.4 B12_10MHz

5.4.1 Test Result

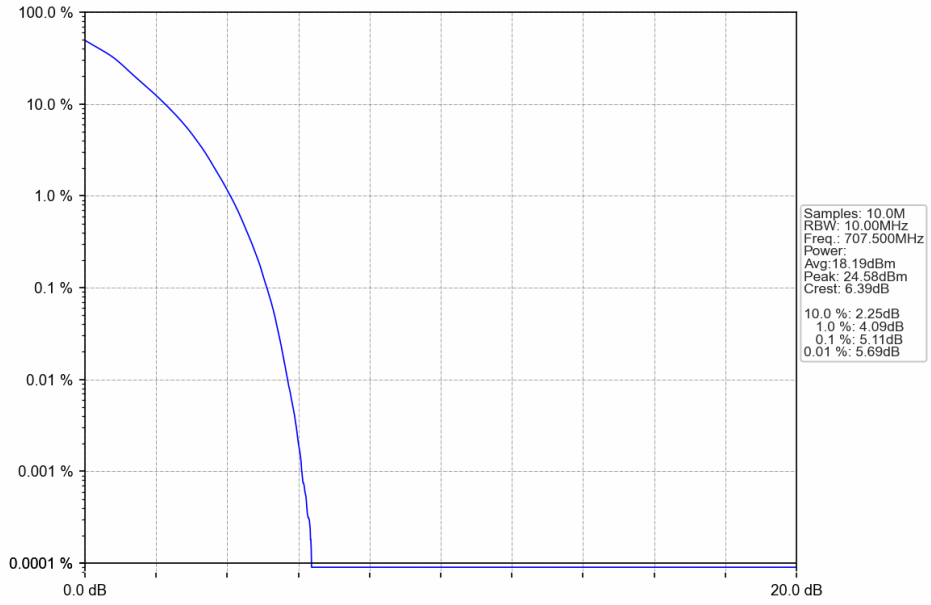
Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	704	50	0	5.54	<=13	Pass
	707.5	50	0	5.11	<=13	Pass
	711	50	0	5.32	<=13	Pass
16QAM	704	50	0	6.28	<=13	Pass
	707.5	50	0	6.00	<=13	Pass
	711	50	0	6.09	<=13	Pass

5.4.2 Test Graph

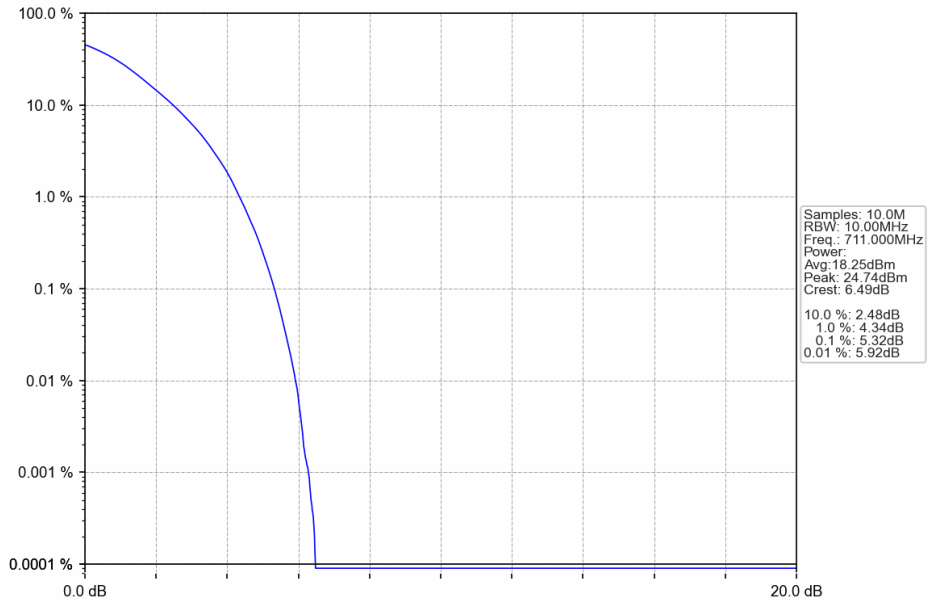
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



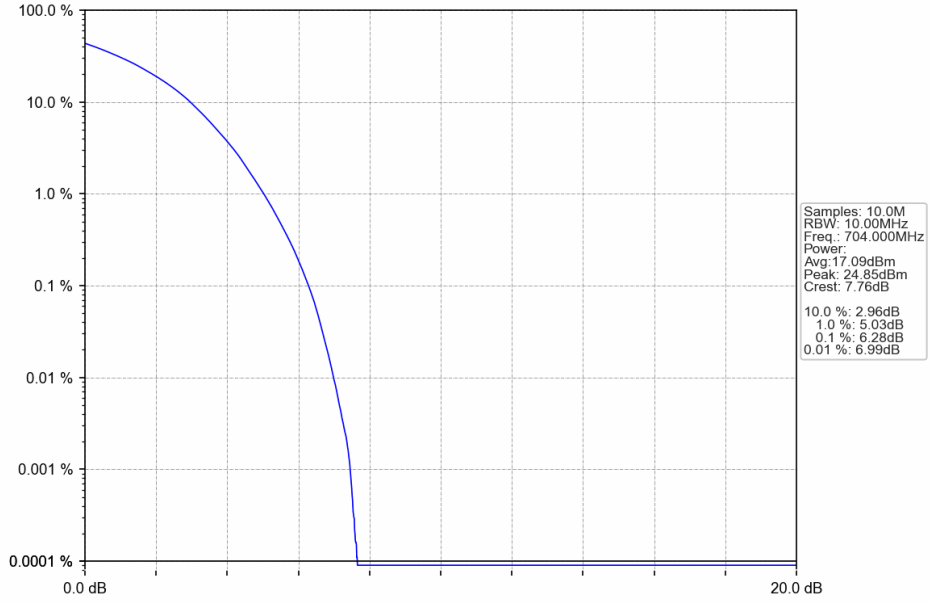
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



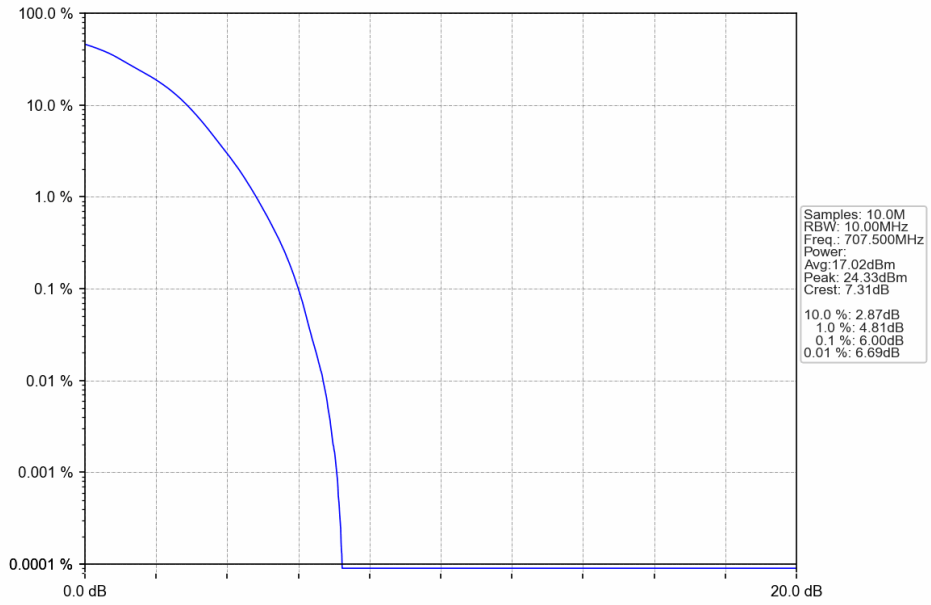
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



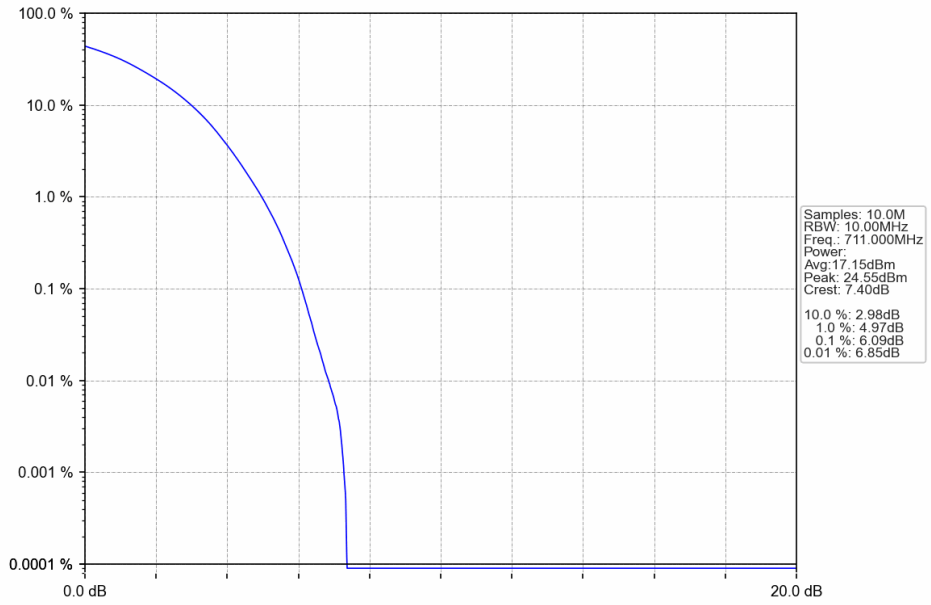
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



6. Spurious Emission

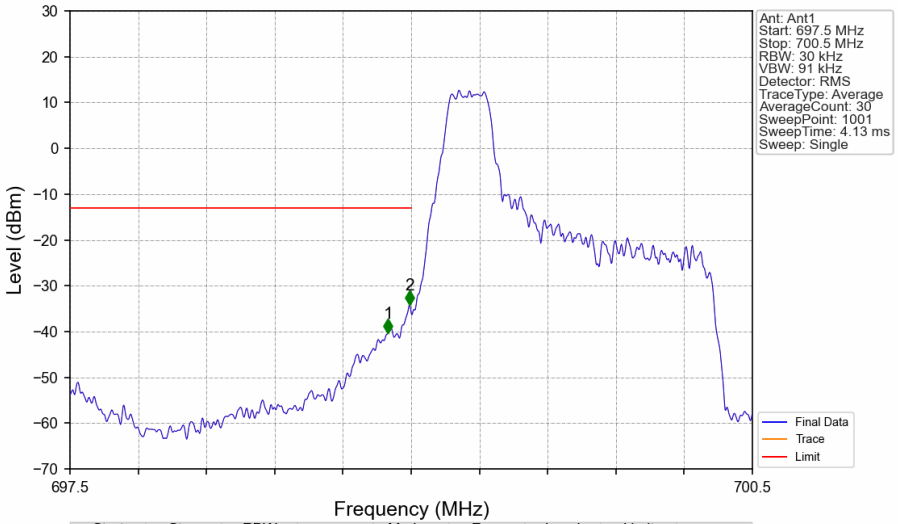
6.1 B12_1.4MHz

6.1.1 Test Result

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

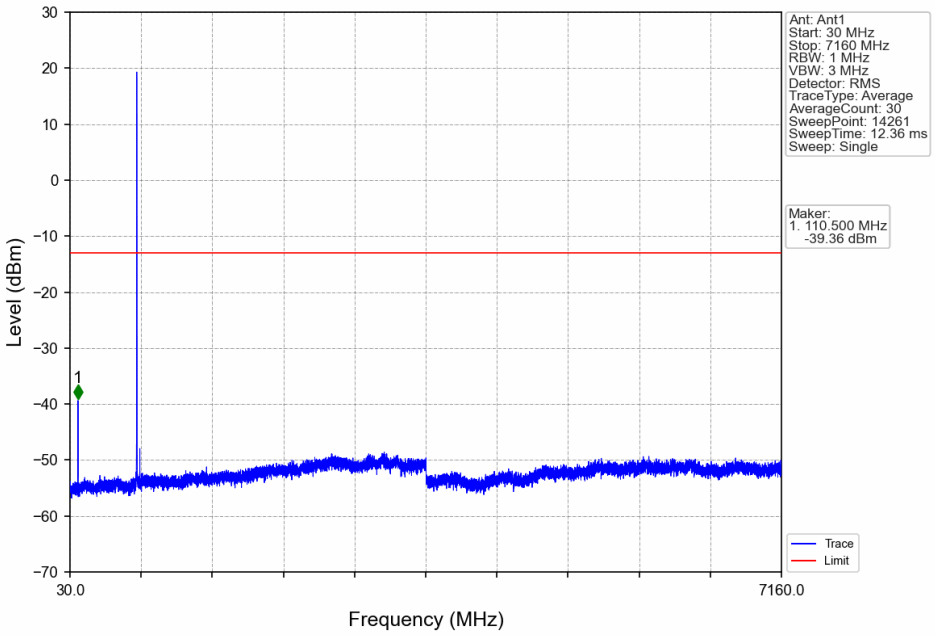
6.1.2 Test Graph

Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_1_0_NTNV

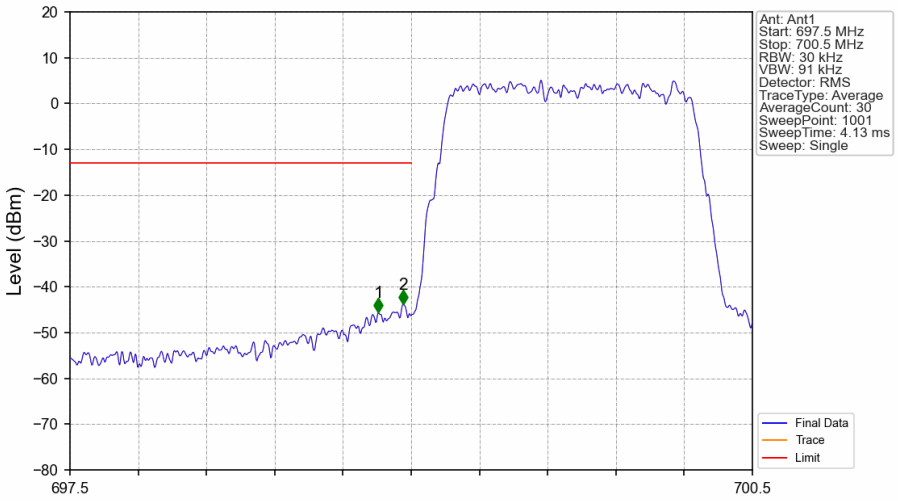


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
697.5	698.9	0.1	/	1	698.898	-40.44	-13	Pass
698.9	699	0.03	/	2	698.994	-34.22	-13	Pass
699	700.5	0.03	/	/	/	/	/	/

Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_1_0_NTNV

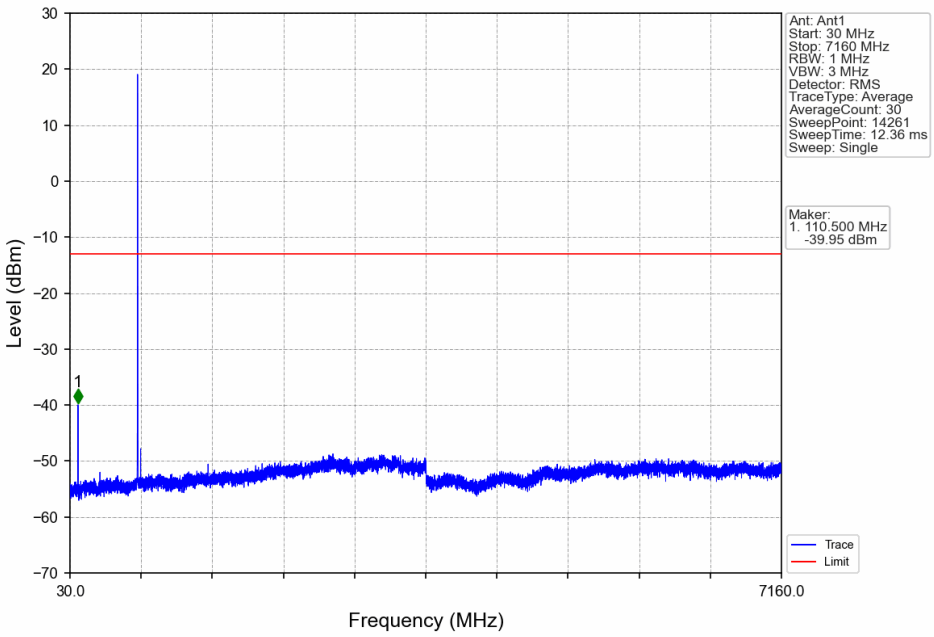


Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV

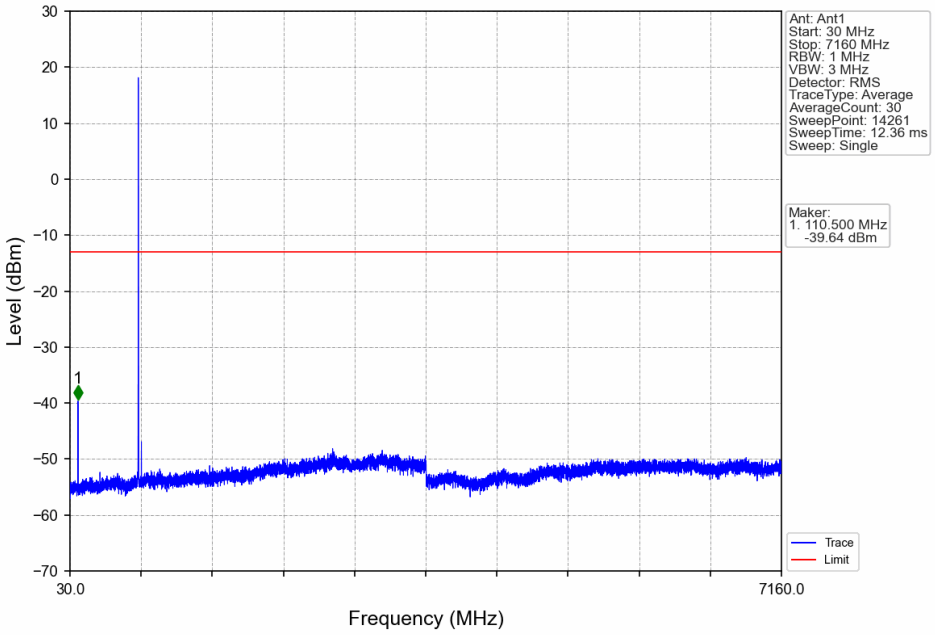


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
697.5	698.9	0.1	/	1	698.856	-45.67	-13	Pass
698.9	699	0.03	/	2	698.964	-43.83	-13	Pass
699	700.5	0.03	/	/	/	/	/	/

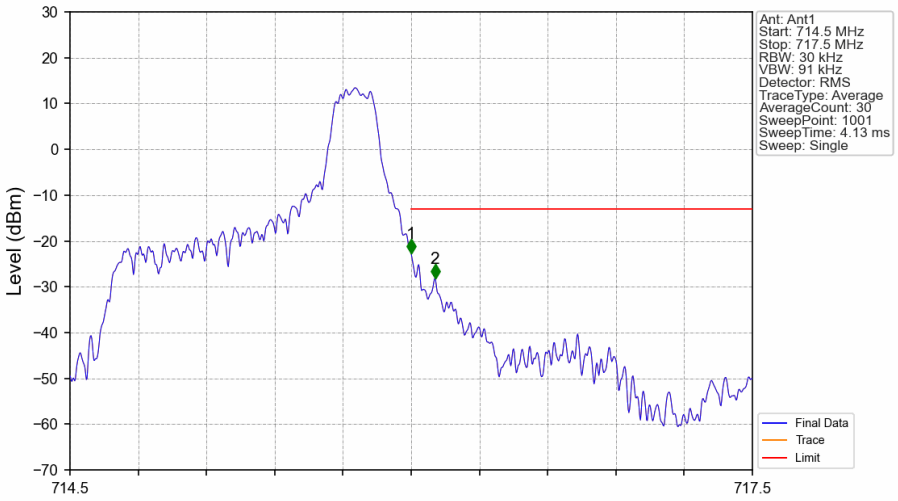
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_0_NTNV

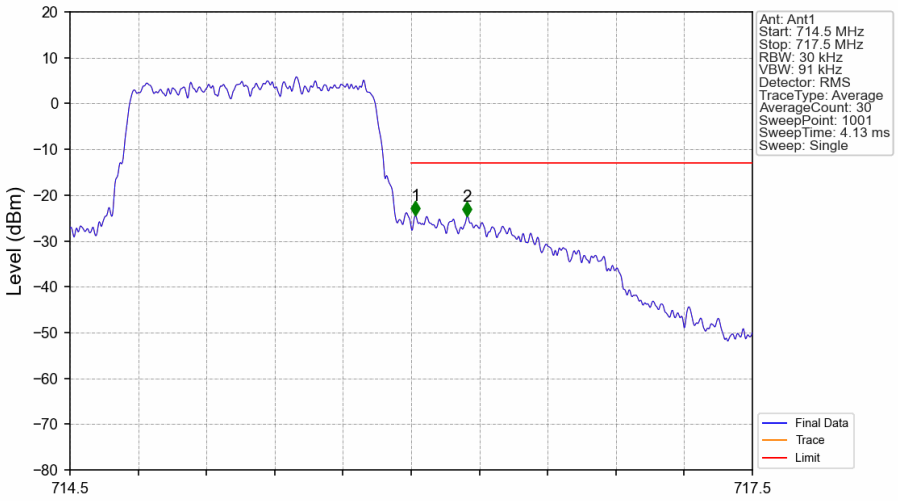


Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_5_NTNV



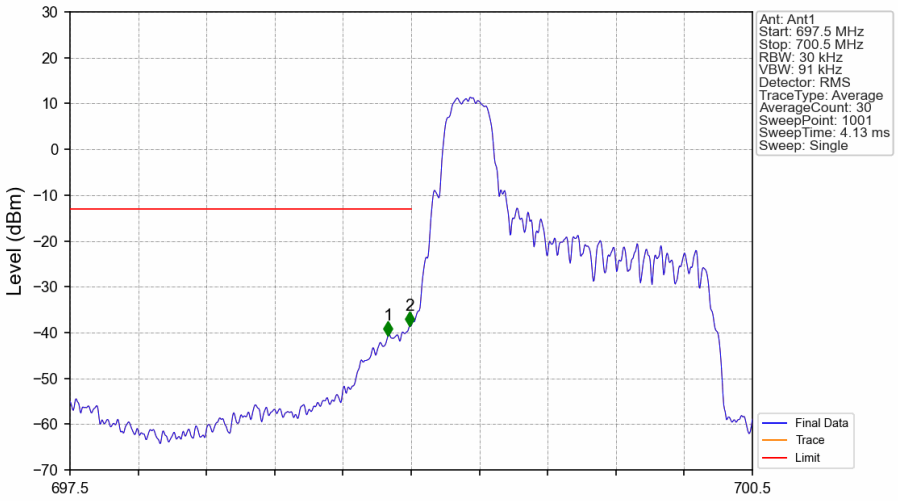
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
714.5	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-22.71	-13	Pass
716.1	717.5	0.1	/	2	716.105	-28.16	-13	Pass

Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



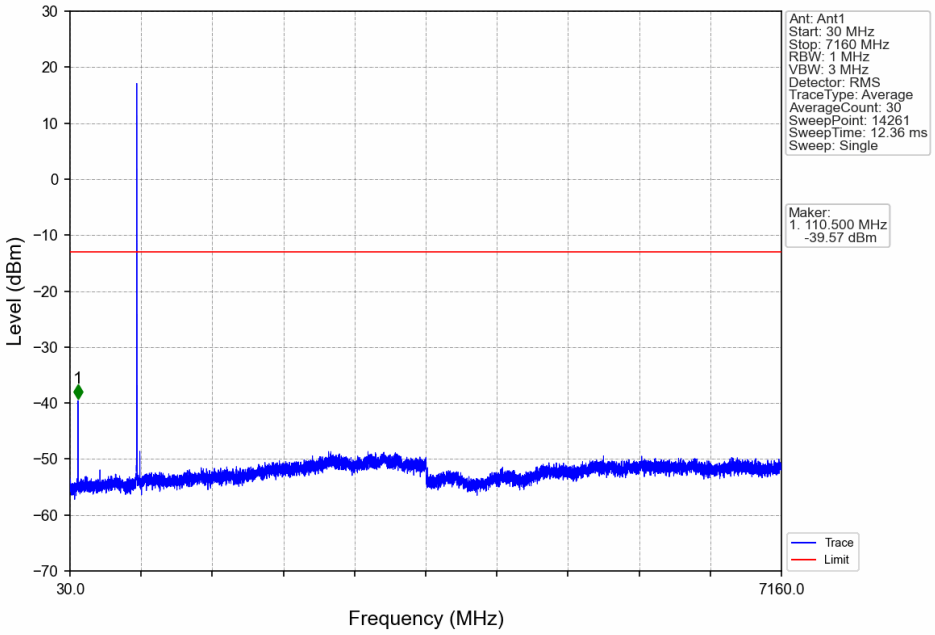
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
714.5	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.018	-24.47	-13	Pass
716.1	717.5	0.1	/	2	716.246	-24.57	-13	Pass

Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_1_0_NTNV

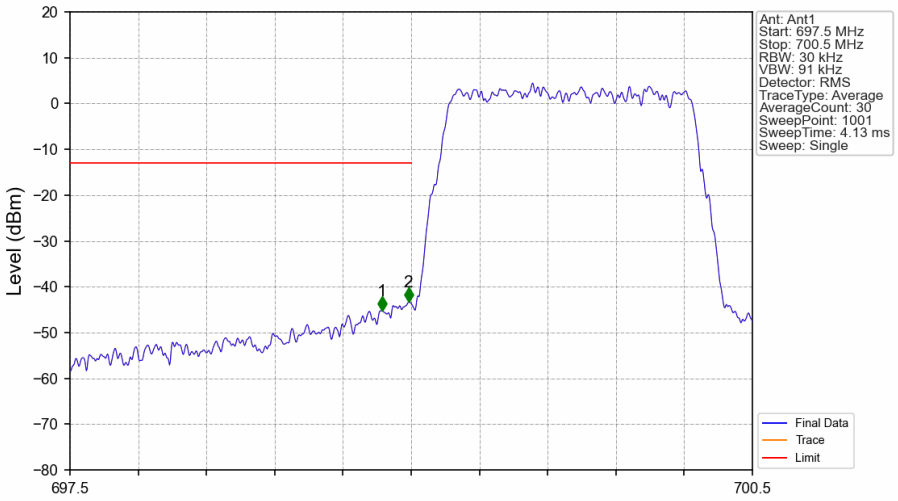


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
697.5	698.9	0.1	/	1	698.898	-40.65	-13	Pass
698.9	699	0.03	/	2	698.994	-38.53	-13	Pass
699	700.5	0.03	/	/	/	/	/	/

Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_1_0_NTNV

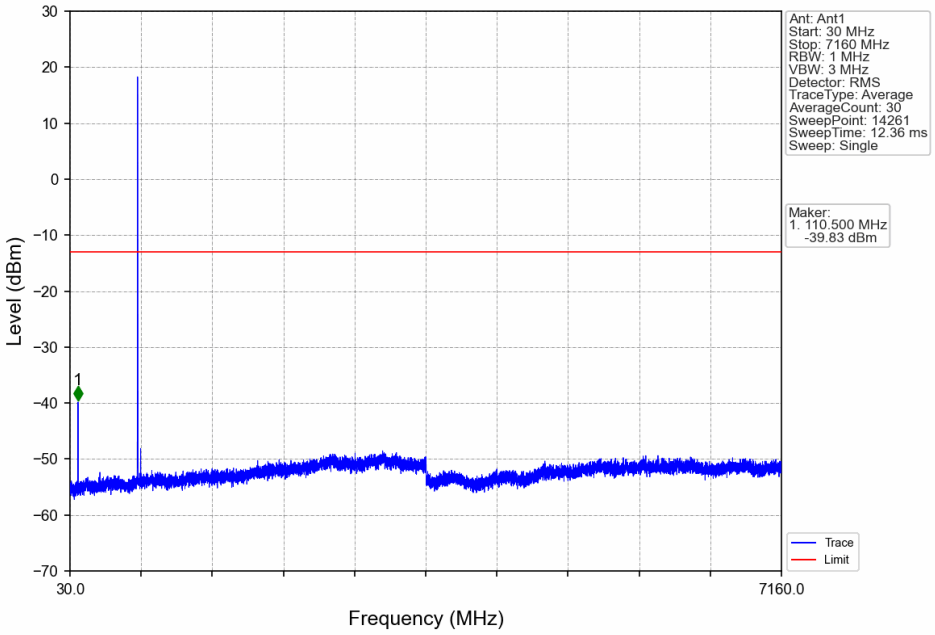


Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV

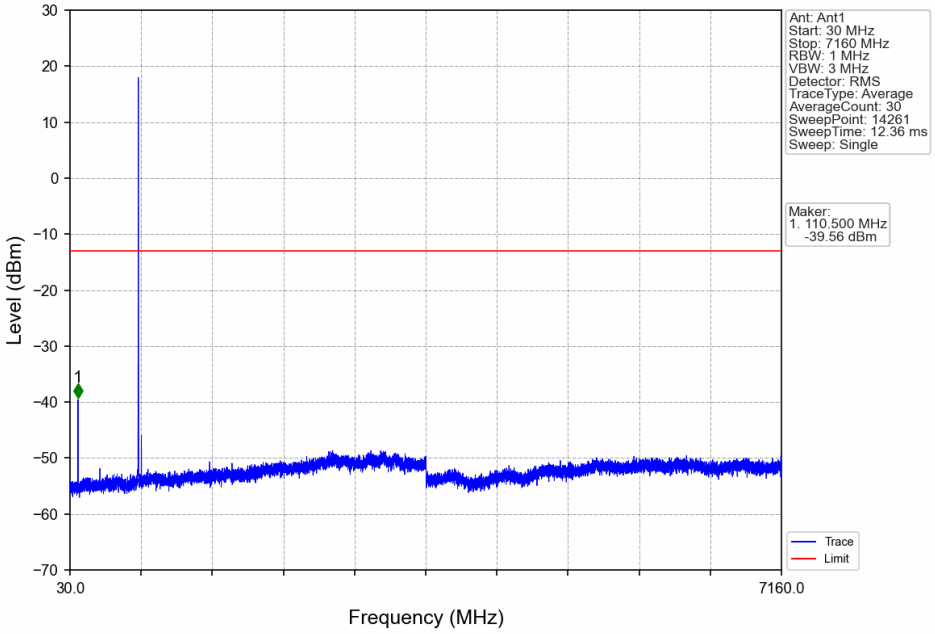


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
697.5	698.9	0.1	/	1	698.871	-45.25	-13	Pass
698.9	699	0.03	/	2	698.988	-43.38	-13	Pass
699	700.5	0.03	/	/	/	/	/	/

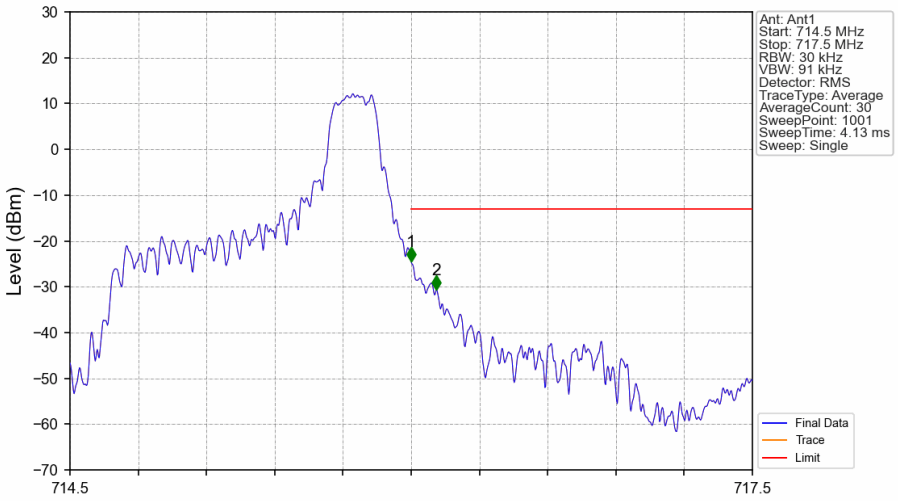
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_1_0_NTNV

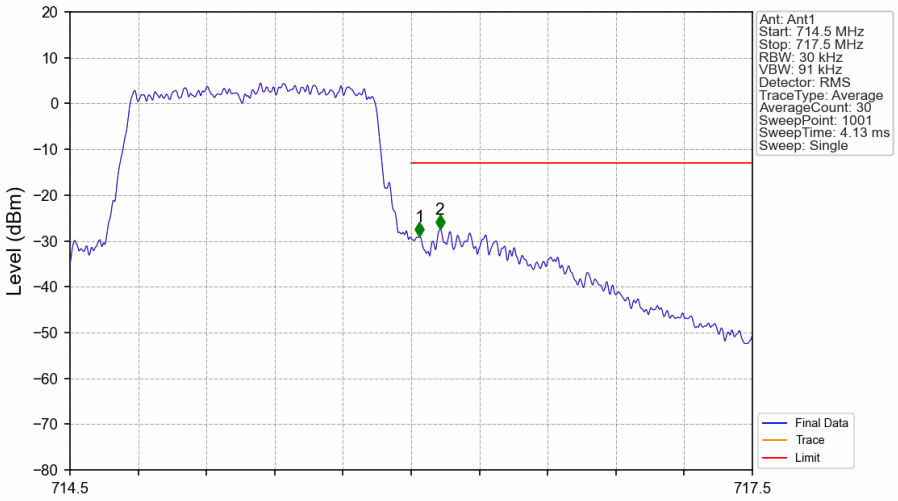


Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_1_5_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
714.5	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-24.56	-13	Pass
716.1	717.5	0.1	/	2	716.111	-30.67	-13	Pass

Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
714.5	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.036	-29.03	-13	Pass
716.1	717.5	0.1	/	2	716.126	-27.49	-13	Pass

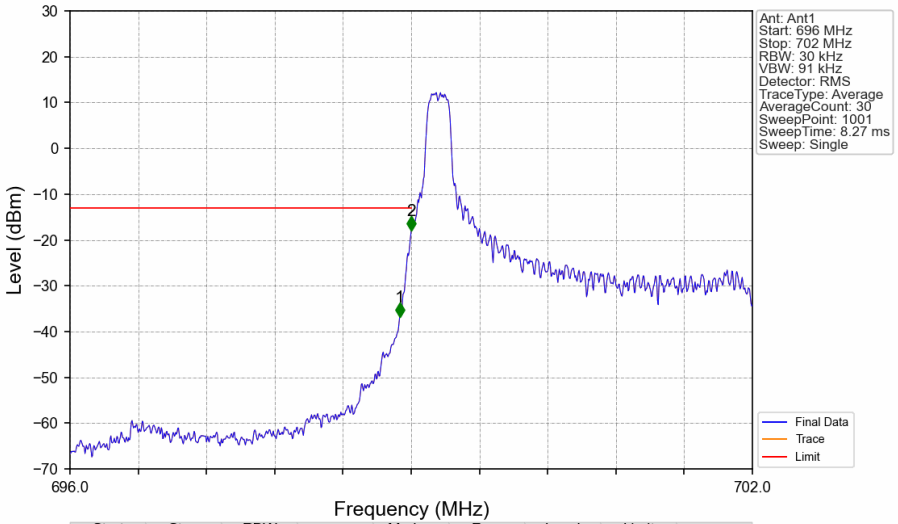
6.2 B12_3MHz

6.2.1 Test Result

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

6.2.2 Test Graph

Band12_3MHz_QPSK_LCH_700.5MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	/	1	698.898	-36.90	-13	Pass
698.9	699	0.03	/	2	699.000	-18.05	-13	Pass
699	702	0.03	/	/	/	/	/	/

Band12_3MHz_QPSK_LCH_700.5MHz_RB_1_0_NTNV