

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	22.54	-6.27	14.12	<=34.77	Pass
			2	22.62	-6.27	14.20	<=34.77	Pass
			5	22.47	-6.27	14.05	<=34.77	Pass
		3	0	22.52	-6.27	14.10	<=34.77	Pass
			2	22.45	-6.27	14.03	<=34.77	Pass
			3	22.47	-6.27	14.05	<=34.77	Pass
		6	0	21.55	-6.27	13.13	<=34.77	Pass
	707.5	1	0	22.27	-6.27	13.85	<=34.77	Pass
			2	22.37	-6.27	13.95	<=34.77	Pass
			5	22.23	-6.27	13.81	<=34.77	Pass
		3	0	22.36	-6.27	13.94	<=34.77	Pass
			2	22.32	-6.27	13.90	<=34.77	Pass
			3	22.33	-6.27	13.91	<=34.77	Pass
		6	0	21.41	-6.27	12.99	<=34.77	Pass
	715.3	1	0	22.30	-6.27	13.88	<=34.77	Pass
			2	22.40	-6.27	13.98	<=34.77	Pass
			5	22.32	-6.27	13.90	<=34.77	Pass
		3	0	22.28	-6.27	13.86	<=34.77	Pass
			2	22.25	-6.27	13.83	<=34.77	Pass
			3	22.26	-6.27	13.84	<=34.77	Pass
		6	0	21.38	-6.27	12.96	<=34.77	Pass
16QAM	699.7	1	0	21.36	-6.27	12.94	<=34.77	Pass
			2	21.43	-6.27	13.01	<=34.77	Pass
			5	21.31	-6.27	12.89	<=34.77	Pass
		3	0	21.34	-6.27	12.92	<=34.77	Pass
			2	21.30	-6.27	12.88	<=34.77	Pass
			3	21.38	-6.27	12.96	<=34.77	Pass
		6	0	20.56	-6.27	12.14	<=34.77	Pass
	707.5	1	0	21.21	-6.27	12.79	<=34.77	Pass
			2	21.31	-6.27	12.89	<=34.77	Pass
			5	21.18	-6.27	12.76	<=34.77	Pass
		3	0	21.40	-6.27	12.98	<=34.77	Pass
			2	21.31	-6.27	12.89	<=34.77	Pass
			3	21.38	-6.27	12.96	<=34.77	Pass
		6	0	20.47	-6.27	12.05	<=34.77	Pass
	715.3	1	0	21.54	-6.27	13.12	<=34.77	Pass
			2	21.60	-6.27	13.18	<=34.77	Pass
			5	21.46	-6.27	13.04	<=34.77	Pass
		3	0	21.29	-6.27	12.87	<=34.77	Pass
			2	21.24	-6.27	12.82	<=34.77	Pass
			3	21.27	-6.27	12.85	<=34.77	Pass
		6	0	20.36	-6.27	11.94	<=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	22.39	-6.27	13.97	<=34.77	Pass
			7	22.43	-6.27	14.01	<=34.77	Pass
			14	22.35	-6.27	13.93	<=34.77	Pass
		8	0	21.46	-6.27	13.04	<=34.77	Pass
			4	21.50	-6.27	13.08	<=34.77	Pass
			7	21.46	-6.27	13.04	<=34.77	Pass
		15	0	21.49	-6.27	13.07	<=34.77	Pass
	707.5	1	0	22.24	-6.27	13.82	<=34.77	Pass
			7	22.36	-6.27	13.94	<=34.77	Pass
			14	22.24	-6.27	13.82	<=34.77	Pass
		8	0	21.30	-6.27	12.88	<=34.77	Pass
			4	21.36	-6.27	12.94	<=34.77	Pass
			7	21.30	-6.27	12.88	<=34.77	Pass
		15	0	21.35	-6.27	12.93	<=34.77	Pass
	714.5	1	0	22.07	-6.27	13.65	<=34.77	Pass
			7	22.23	-6.27	13.81	<=34.77	Pass
			14	22.14	-6.27	13.72	<=34.77	Pass
		8	0	21.31	-6.27	12.89	<=34.77	Pass
			4	21.33	-6.27	12.91	<=34.77	Pass
			7	21.27	-6.27	12.85	<=34.77	Pass
		15	0	21.30	-6.27	12.88	<=34.77	Pass
16QAM	700.5	1	0	21.70	-6.27	13.28	<=34.77	Pass
			7	21.75	-6.27	13.33	<=34.77	Pass
			14	21.64	-6.27	13.22	<=34.77	Pass
		8	0	20.55	-6.27	12.13	<=34.77	Pass
			4	20.56	-6.27	12.14	<=34.77	Pass
			7	20.51	-6.27	12.09	<=34.77	Pass
		15	0	20.55	-6.27	12.13	<=34.77	Pass
	707.5	1	0	21.08	-6.27	12.66	<=34.77	Pass
			7	21.14	-6.27	12.72	<=34.77	Pass
			14	21.02	-6.27	12.60	<=34.77	Pass
		8	0	20.24	-6.27	11.82	<=34.77	Pass
			4	20.29	-6.27	11.87	<=34.77	Pass
			7	20.24	-6.27	11.82	<=34.77	Pass
		15	0	20.37	-6.27	11.95	<=34.77	Pass
	714.5	1	0	21.03	-6.27	12.61	<=34.77	Pass
			7	21.16	-6.27	12.74	<=34.77	Pass
			14	20.98	-6.27	12.56	<=34.77	Pass
		8	0	20.25	-6.27	11.83	<=34.77	Pass
			4	20.28	-6.27	11.86	<=34.77	Pass
			7	20.22	-6.27	11.80	<=34.77	Pass
		15	0	20.24	-6.27	11.82	<=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	22.55	-6.27	14.13	<=34.77	Pass
			13	22.63	-6.27	14.21	<=34.77	Pass
			24	22.52	-6.27	14.10	<=34.77	Pass
		12	0	21.59	-6.27	13.17	<=34.77	Pass
			6	21.57	-6.27	13.15	<=34.77	Pass

16QAM	707.5	25	13	21.55	-6.27	13.13	<=34.77	Pass
			0	21.52	-6.27	13.10	<=34.77	Pass
			24	21.38	-6.27	12.96	<=34.77	Pass
		12	0	22.39	-6.27	13.97	<=34.77	Pass
			13	22.52	-6.27	14.10	<=34.77	Pass
			24	22.36	-6.27	13.94	<=34.77	Pass
		1	0	21.37	-6.27	12.95	<=34.77	Pass
			6	21.39	-6.27	12.97	<=34.77	Pass
			13	21.40	-6.27	12.98	<=34.77	Pass
	713.5	25	0	21.38	-6.27	12.96	<=34.77	Pass
			13	21.36	-6.27	12.94	<=34.77	Pass
			24	21.36	-6.27	12.94	<=34.77	Pass
		12	0	22.28	-6.27	13.86	<=34.77	Pass
			13	22.40	-6.27	13.98	<=34.77	Pass
			24	22.34	-6.27	13.92	<=34.77	Pass
		1	0	21.33	-6.27	12.91	<=34.77	Pass
			6	21.37	-6.27	12.95	<=34.77	Pass
			13	21.33	-6.27	12.91	<=34.77	Pass
16QAM	701.5	25	0	21.36	-6.27	12.94	<=34.77	Pass
			13	21.45	-6.27	13.03	<=34.77	Pass
			24	21.54	-6.27	13.12	<=34.77	Pass
		12	0	21.39	-6.27	12.97	<=34.77	Pass
			6	20.61	-6.27	12.19	<=34.77	Pass
			13	20.62	-6.27	12.20	<=34.77	Pass
		1	0	20.61	-6.27	12.19	<=34.77	Pass
			6	20.70	-6.27	12.28	<=34.77	Pass
			13	20.70	-6.27	12.28	<=34.77	Pass
	707.5	25	0	21.78	-6.27	13.36	<=34.77	Pass
			13	21.84	-6.27	13.42	<=34.77	Pass
			24	21.65	-6.27	13.23	<=34.77	Pass
		12	0	20.38	-6.27	11.96	<=34.77	Pass
			6	20.42	-6.27	12.00	<=34.77	Pass
			13	20.40	-6.27	11.98	<=34.77	Pass
		1	0	20.39	-6.27	11.97	<=34.77	Pass
			6	20.39	-6.27	11.97	<=34.77	Pass
			13	20.39	-6.27	11.97	<=34.77	Pass
	713.5	25	0	21.34	-6.27	12.92	<=34.77	Pass
			13	21.46	-6.27	13.04	<=34.77	Pass
			24	21.27	-6.27	12.85	<=34.77	Pass
		12	0	20.32	-6.27	11.90	<=34.77	Pass
			6	20.41	-6.27	11.99	<=34.77	Pass
			13	20.32	-6.27	11.90	<=34.77	Pass
		1	0	20.32	-6.27	11.90	<=34.77	Pass
			6	20.32	-6.27	11.90	<=34.77	Pass
			13	20.32	-6.27	11.90	<=34.77	Pass
	713.5	25	0	20.35	-6.27	11.93	<=34.77	Pass
			6	20.35	-6.27	11.93	<=34.77	Pass
			13	20.35	-6.27	11.93	<=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	22.63	-6.27	14.21	<=34.77	Pass
			25	22.60	-6.27	14.18	<=34.77	Pass
			49	22.55	-6.27	14.13	<=34.77	Pass
		25	0	21.47	-6.27	13.05	<=34.77	Pass
			13	21.54	-6.27	13.12	<=34.77	Pass
			25	21.49	-6.27	13.07	<=34.77	Pass
		50	0	21.54	-6.27	13.12	<=34.77	Pass
			0	22.56	-6.27	14.14	<=34.77	Pass
			25	22.58	-6.27	14.16	<=34.77	Pass
	707.5	1	0	22.51	-6.27	14.09	<=34.77	Pass
			25	22.51	-6.27	14.09	<=34.77	Pass
			49	22.51	-6.27	14.09	<=34.77	Pass
		25	0	21.34	-6.27	12.92	<=34.77	Pass
			13	21.42	-6.27	13.00	<=34.77	Pass
			25	21.33	-6.27	12.91	<=34.77	Pass

16QAM	711	50	0	21.38	-6.27	12.96	<=34.77	Pass
			0	22.45	-6.27	14.03	<=34.77	Pass
			25	22.44	-6.27	14.02	<=34.77	Pass
			49	22.47	-6.27	14.05	<=34.77	Pass
		25	0	21.26	-6.27	12.84	<=34.77	Pass
			13	21.40	-6.27	12.98	<=34.77	Pass
			25	21.31	-6.27	12.89	<=34.77	Pass
		50	0	21.33	-6.27	12.91	<=34.77	Pass
	704	1	0	21.92	-6.27	13.50	<=34.77	Pass
			25	21.89	-6.27	13.47	<=34.77	Pass
			49	21.77	-6.27	13.35	<=34.77	Pass
		25	0	20.50	-6.27	12.08	<=34.77	Pass
			13	20.60	-6.27	12.18	<=34.77	Pass
			25	20.56	-6.27	12.14	<=34.77	Pass
		50	0	20.53	-6.27	12.11	<=34.77	Pass
16QAM	707.5	1	0	21.38	-6.27	12.96	<=34.77	Pass
			25	21.34	-6.27	12.92	<=34.77	Pass
			49	21.31	-6.27	12.89	<=34.77	Pass
		25	0	20.39	-6.27	11.97	<=34.77	Pass
			13	20.54	-6.27	12.12	<=34.77	Pass
			25	20.42	-6.27	12.00	<=34.77	Pass
		50	0	20.39	-6.27	11.97	<=34.77	Pass
	711	1	0	21.36	-6.27	12.94	<=34.77	Pass
			25	21.37	-6.27	12.95	<=34.77	Pass
			49	21.36	-6.27	12.94	<=34.77	Pass
		25	0	20.32	-6.27	11.90	<=34.77	Pass
			13	20.44	-6.27	12.02	<=34.77	Pass
			25	20.34	-6.27	11.92	<=34.77	Pass
		50	0	20.33	-6.27	11.91	<=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	3.27	-2.918	-0.0042	-2.5 to 2.5	Pass
					3.85	-6.523	-0.0093	-2.5 to 2.5	Pass
					4.43	-6.738	-0.0096	-2.5 to 2.5	Pass
				-30	3.85	-4.234	-0.0061	-2.5 to 2.5	Pass
				-20	3.85	-5.565	-0.0080	-2.5 to 2.5	Pass
				-10	3.85	-10.586	-0.0151	-2.5 to 2.5	Pass
				0	3.85	-1.702	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-5.093	-0.0073	-2.5 to 2.5	Pass
				30	3.85	-5.980	-0.0085	-2.5 to 2.5	Pass
				40	3.85	-2.089	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-0.443	-0.0006	-2.5 to 2.5	Pass
	707.5	6	0	20	3.27	-0.043	-0.0001	-2.5 to 2.5	Pass
					3.85	-2.804	-0.0040	-2.5 to 2.5	Pass
					4.43	-4.063	-0.0057	-2.5 to 2.5	Pass
				-30	3.85	-4.349	-0.0061	-2.5 to 2.5	Pass
				-20	3.85	-1.431	-0.0020	-2.5 to 2.5	Pass

				-10	3.85	0.644	0.0009	-2.5 to 2.5	Pass
				0	3.85	0.200	0.0003	-2.5 to 2.5	Pass
				10	3.85	-1.674	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-2.675	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-0.772	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-5.121	-0.0072	-2.5 to 2.5	Pass
	715.3	6	0	20	3.27	-5.622	-0.0079	-2.5 to 2.5	Pass
					3.85	-1.059	-0.0015	-2.5 to 2.5	Pass
					4.43	-1.502	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-3.047	-0.0043	-2.5 to 2.5	Pass
				-20	3.85	-3.004	-0.0042	-2.5 to 2.5	Pass
				-10	3.85	-0.072	-0.0001	-2.5 to 2.5	Pass
				0	3.85	4.077	0.0057	-2.5 to 2.5	Pass
				10	3.85	-1.531	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-0.200	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-0.844	-0.0012	-2.5 to 2.5	Pass
				50	3.85	0.143	0.0002	-2.5 to 2.5	Pass
16QAM	699.7	6	0	20	3.27	-0.930	-0.0013	-2.5 to 2.5	Pass
					3.85	-1.187	-0.0017	-2.5 to 2.5	Pass
					4.43	-7.010	-0.0100	-2.5 to 2.5	Pass
				-30	3.85	-2.103	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-0.587	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-1.717	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-6.452	-0.0092	-2.5 to 2.5	Pass
				10	3.85	-1.173	-0.0017	-2.5 to 2.5	Pass
				30	3.85	0.415	0.0006	-2.5 to 2.5	Pass
				40	3.85	-8.526	-0.0122	-2.5 to 2.5	Pass
				50	3.85	0.215	0.0003	-2.5 to 2.5	Pass
	707.5	6	0	20	3.27	-4.234	-0.0060	-2.5 to 2.5	Pass
					3.85	-1.016	-0.0014	-2.5 to 2.5	Pass
					4.43	-2.561	-0.0036	-2.5 to 2.5	Pass
				-30	3.85	-1.802	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-7.653	-0.0108	-2.5 to 2.5	Pass
				-10	3.85	-7.324	-0.0104	-2.5 to 2.5	Pass
				0	3.85	-6.695	-0.0095	-2.5 to 2.5	Pass
				10	3.85	-1.073	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-3.777	-0.0053	-2.5 to 2.5	Pass
				40	3.85	-6.995	-0.0099	-2.5 to 2.5	Pass
				50	3.85	-2.747	-0.0039	-2.5 to 2.5	Pass
	715.3	6	0	20	3.27	-3.719	-0.0052	-2.5 to 2.5	Pass
					3.85	0.300	0.0004	-2.5 to 2.5	Pass
					4.43	1.874	0.0026	-2.5 to 2.5	Pass
				-30	3.85	-9.499	-0.0133	-2.5 to 2.5	Pass
				-20	3.85	-0.916	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-4.148	-0.0058	-2.5 to 2.5	Pass
				0	3.85	-6.380	-0.0089	-2.5 to 2.5	Pass
				10	3.85	-3.905	-0.0055	-2.5 to 2.5	Pass
				30	3.85	-1.974	-0.0028	-2.5 to 2.5	Pass
				40	3.85	6.151	0.0086	-2.5 to 2.5	Pass
				50	3.85	0.830	0.0012	-2.5 to 2.5	Pass

2.1.2 B12_3MHz

Band: 12 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	700.5	15	0	20	3.27	-6.509	-0.0093	-2.5 to 2.5	Pass

					3.85	-7.095	-0.0101	-2.5 to 2.5	Pass
					4.43	-4.921	-0.0070	-2.5 to 2.5	Pass
				-30	3.85	-6.909	-0.0099	-2.5 to 2.5	Pass
				-20	3.85	-2.174	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-8.469	-0.0121	-2.5 to 2.5	Pass
				0	3.85	-3.734	-0.0053	-2.5 to 2.5	Pass
				10	3.85	-3.076	-0.0044	-2.5 to 2.5	Pass
				30	3.85	-2.847	-0.0041	-2.5 to 2.5	Pass
				40	3.85	0.315	0.0004	-2.5 to 2.5	Pass
				50	3.85	-2.818	-0.0040	-2.5 to 2.5	Pass
	707.5	15	0	20	3.27	2.561	0.0036	-2.5 to 2.5	Pass
					3.85	-0.973	-0.0014	-2.5 to 2.5	Pass
					4.43	-5.851	-0.0083	-2.5 to 2.5	Pass
				-30	3.85	-4.377	-0.0062	-2.5 to 2.5	Pass
				-20	3.85	-1.588	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-2.275	-0.0032	-2.5 to 2.5	Pass
				0	3.85	-4.449	-0.0063	-2.5 to 2.5	Pass
				10	3.85	-1.202	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-1.659	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-2.890	-0.0041	-2.5 to 2.5	Pass
				50	3.85	-1.259	-0.0018	-2.5 to 2.5	Pass
	714.5	15	0	20	3.27	0.744	0.0010	-2.5 to 2.5	Pass
					3.85	-5.221	-0.0073	-2.5 to 2.5	Pass
					4.43	-2.232	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-1.345	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-2.503	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-4.249	-0.0059	-2.5 to 2.5	Pass
				0	3.85	1.731	0.0024	-2.5 to 2.5	Pass
				10	3.85	-4.077	-0.0057	-2.5 to 2.5	Pass
				30	3.85	-1.116	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-0.672	-0.0009	-2.5 to 2.5	Pass
16QAM	700.5	15	0	20	3.27	-0.186	-0.0003	-2.5 to 2.5	Pass
					3.85	0.215	0.0003	-2.5 to 2.5	Pass
					4.43	-1.459	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-4.220	-0.0060	-2.5 to 2.5	Pass
				-20	3.85	0.501	0.0007	-2.5 to 2.5	Pass
				-10	3.85	-6.981	-0.0100	-2.5 to 2.5	Pass
				0	3.85	3.848	0.0055	-2.5 to 2.5	Pass
				10	3.85	-0.944	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-4.191	-0.0060	-2.5 to 2.5	Pass
				40	3.85	-1.731	-0.0025	-2.5 to 2.5	Pass
	707.5	15	0	20	3.27	-3.090	-0.0044	-2.5 to 2.5	Pass
					3.85	-5.450	-0.0077	-2.5 to 2.5	Pass
					4.43	-3.061	-0.0043	-2.5 to 2.5	Pass
				-30	3.85	-5.293	-0.0075	-2.5 to 2.5	Pass
				-20	3.85	-3.104	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	-1.259	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-5.522	-0.0078	-2.5 to 2.5	Pass
				10	3.85	-3.276	-0.0046	-2.5 to 2.5	Pass
				30	3.85	0.730	0.0010	-2.5 to 2.5	Pass
				40	3.85	-4.935	-0.0070	-2.5 to 2.5	Pass
	714.5	15	0	20	3.85	-1.674	-0.0024	-2.5 to 2.5	Pass
					3.27	-3.877	-0.0054	-2.5 to 2.5	Pass
					4.43	-1.531	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-3.076	-0.0043	-2.5 to 2.5	Pass

				-20	3.85	-3.948	-0.0055	-2.5 to 2.5	Pass
				-10	3.85	2.360	0.0033	-2.5 to 2.5	Pass
				0	3.85	-4.764	-0.0067	-2.5 to 2.5	Pass
				10	3.85	-6.924	-0.0097	-2.5 to 2.5	Pass
				30	3.85	-0.472	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-1.588	-0.0022	-2.5 to 2.5	Pass
				50	3.85	-4.420	-0.0062	-2.5 to 2.5	Pass

2.1.3 B12_5MHz

Band: 12 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	701.5	25	0	20	3.27	-3.405	-0.0049	-2.5 to 2.5	Pass
					3.85	-6.781	-0.0097	-2.5 to 2.5	Pass
					4.43	-1.688	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-2.618	-0.0037	-2.5 to 2.5	Pass
				-20	3.85	-2.017	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	-2.933	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-0.429	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-2.432	-0.0035	-2.5 to 2.5	Pass
				30	3.85	-1.159	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-2.117	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-1.488	-0.0021	-2.5 to 2.5	Pass
	707.5	25	0	20	3.27	-4.992	-0.0071	-2.5 to 2.5	Pass
					3.85	-6.051	-0.0086	-2.5 to 2.5	Pass
					4.43	-3.247	-0.0046	-2.5 to 2.5	Pass
				-30	3.85	-4.063	-0.0057	-2.5 to 2.5	Pass
				-20	3.85	-1.402	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-0.486	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-1.459	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-1.802	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-1.216	-0.0017	-2.5 to 2.5	Pass
				40	3.85	1.559	0.0022	-2.5 to 2.5	Pass
				50	3.85	0.415	0.0006	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-3.347	-0.0047	-2.5 to 2.5	Pass
					3.85	-4.792	-0.0067	-2.5 to 2.5	Pass
					4.43	0.300	0.0004	-2.5 to 2.5	Pass
				-30	3.85	-4.163	-0.0058	-2.5 to 2.5	Pass
				-20	3.85	-4.592	-0.0064	-2.5 to 2.5	Pass
				-10	3.85	-1.159	-0.0016	-2.5 to 2.5	Pass
				0	3.85	0.129	0.0002	-2.5 to 2.5	Pass
				10	3.85	-6.967	-0.0098	-2.5 to 2.5	Pass
				30	3.85	-1.988	-0.0028	-2.5 to 2.5	Pass
				40	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				50	3.85	-5.908	-0.0083	-2.5 to 2.5	Pass
16QAM	701.5	25	0	20	3.27	-1.116	-0.0016	-2.5 to 2.5	Pass
					3.85	-0.229	-0.0003	-2.5 to 2.5	Pass
					4.43	-5.550	-0.0079	-2.5 to 2.5	Pass
				-30	3.85	-3.018	-0.0043	-2.5 to 2.5	Pass
				-20	3.85	-2.460	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-0.472	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-1.645	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-4.635	-0.0066	-2.5 to 2.5	Pass
				30	3.85	-2.503	-0.0036	-2.5 to 2.5	Pass
				40	3.85	-4.292	-0.0061	-2.5 to 2.5	Pass
				50	3.85	0.658	0.0009	-2.5 to 2.5	Pass

	707.5	25	0	20	3.27	-1.659	-0.0023	-2.5 to 2.5	Pass
					3.85	-0.544	-0.0008	-2.5 to 2.5	Pass
					4.43	-0.358	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-1.817	-0.0026	-2.5 to 2.5	Pass
				-20	3.85	-0.715	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-1.059	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-3.819	-0.0054	-2.5 to 2.5	Pass
				10	3.85	-4.964	-0.0070	-2.5 to 2.5	Pass
				30	3.85	-1.302	-0.0018	-2.5 to 2.5	Pass
				40	3.85	3.018	0.0043	-2.5 to 2.5	Pass
				50	3.85	0.257	0.0004	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-0.830	-0.0012	-2.5 to 2.5	Pass
					3.85	-2.789	-0.0039	-2.5 to 2.5	Pass
					4.43	-1.159	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-2.518	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	-3.991	-0.0056	-2.5 to 2.5	Pass
				-10	3.85	-3.219	-0.0045	-2.5 to 2.5	Pass
				0	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				10	3.85	-3.018	-0.0042	-2.5 to 2.5	Pass
				30	3.85	0.401	0.0006	-2.5 to 2.5	Pass
				40	3.85	-1.330	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-1.645	-0.0023	-2.5 to 2.5	Pass

2.1.4 B12_10MHz

Band: 12 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	704	50	0	20	3.27	-2.131	-0.0030	-2.5 to 2.5	Pass
					3.85	-3.791	-0.0054	-2.5 to 2.5	Pass
					4.43	-3.705	-0.0053	-2.5 to 2.5	Pass
				-30	3.85	-3.047	-0.0043	-2.5 to 2.5	Pass
				-20	3.85	-0.987	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-3.219	-0.0046	-2.5 to 2.5	Pass
				0	3.85	-3.247	-0.0046	-2.5 to 2.5	Pass
				10	3.85	-3.619	-0.0051	-2.5 to 2.5	Pass
				30	3.85	-1.831	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-2.317	-0.0033	-2.5 to 2.5	Pass
				50	3.85	-3.691	-0.0052	-2.5 to 2.5	Pass
	707.5	50	0	20	3.27	-1.302	-0.0018	-2.5 to 2.5	Pass
					3.85	-3.977	-0.0056	-2.5 to 2.5	Pass
					4.43	-0.601	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-2.718	-0.0038	-2.5 to 2.5	Pass
				-20	3.85	-0.844	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-2.031	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-3.419	-0.0048	-2.5 to 2.5	Pass
				10	3.85	-1.431	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-3.662	-0.0052	-2.5 to 2.5	Pass
				40	3.85	-2.618	-0.0037	-2.5 to 2.5	Pass
				50	3.85	-1.273	-0.0018	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-2.360	-0.0033	-2.5 to 2.5	Pass
					3.85	-2.618	-0.0037	-2.5 to 2.5	Pass
					4.43	-3.762	-0.0053	-2.5 to 2.5	Pass
				-30	3.85	-2.890	-0.0041	-2.5 to 2.5	Pass
				-20	3.85	-2.117	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-1.359	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-1.945	-0.0027	-2.5 to 2.5	Pass

16QAM	704	50	0	10	3.85	-4.077	-0.0057	-2.5 to 2.5	Pass
				30	3.85	-1.860	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-3.362	-0.0047	-2.5 to 2.5	Pass
				50	3.85	-2.618	-0.0037	-2.5 to 2.5	Pass
	707.5	50	0	20	3.27	-3.262	-0.0046	-2.5 to 2.5	Pass
					3.85	-3.719	-0.0053	-2.5 to 2.5	Pass
					4.43	-5.250	-0.0075	-2.5 to 2.5	Pass
				-30	3.85	-3.419	-0.0049	-2.5 to 2.5	Pass
				-20	3.85	-2.446	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-2.961	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-3.662	-0.0052	-2.5 to 2.5	Pass
				10	3.85	-4.263	-0.0061	-2.5 to 2.5	Pass
				30	3.85	-2.146	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-1.702	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-0.014	0.0000	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-3.190	-0.0045	-2.5 to 2.5	Pass
					3.85	-1.230	-0.0017	-2.5 to 2.5	Pass
					4.43	-2.432	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-2.217	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-2.689	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-1.087	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-4.220	-0.0060	-2.5 to 2.5	Pass
				10	3.85	-3.262	-0.0046	-2.5 to 2.5	Pass
				30	3.85	-1.645	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-1.745	-0.0025	-2.5 to 2.5	Pass
				50	3.85	-2.389	-0.0034	-2.5 to 2.5	Pass
				20	3.27	-3.862	-0.0054	-2.5 to 2.5	Pass
					3.85	-6.051	-0.0085	-2.5 to 2.5	Pass
					4.43	-0.086	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-1.044	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-1.245	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-3.061	-0.0043	-2.5 to 2.5	Pass
				0	3.85	-1.745	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-4.663	-0.0066	-2.5 to 2.5	Pass
				30	3.85	-0.987	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-1.860	-0.0026	-2.5 to 2.5	Pass
				50	3.85	-5.550	-0.0078	-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	
		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	RB Allocation		Modulation Characteristics
				Verdict

	(MHz)	Size	Offset	Result	Limit	
QPSK	707.5	15	0	Refer To Test Graph		Pass
16QAM	707.5	15	0	Refer To Test Graph		Pass

3.1.3 B12_5MHz

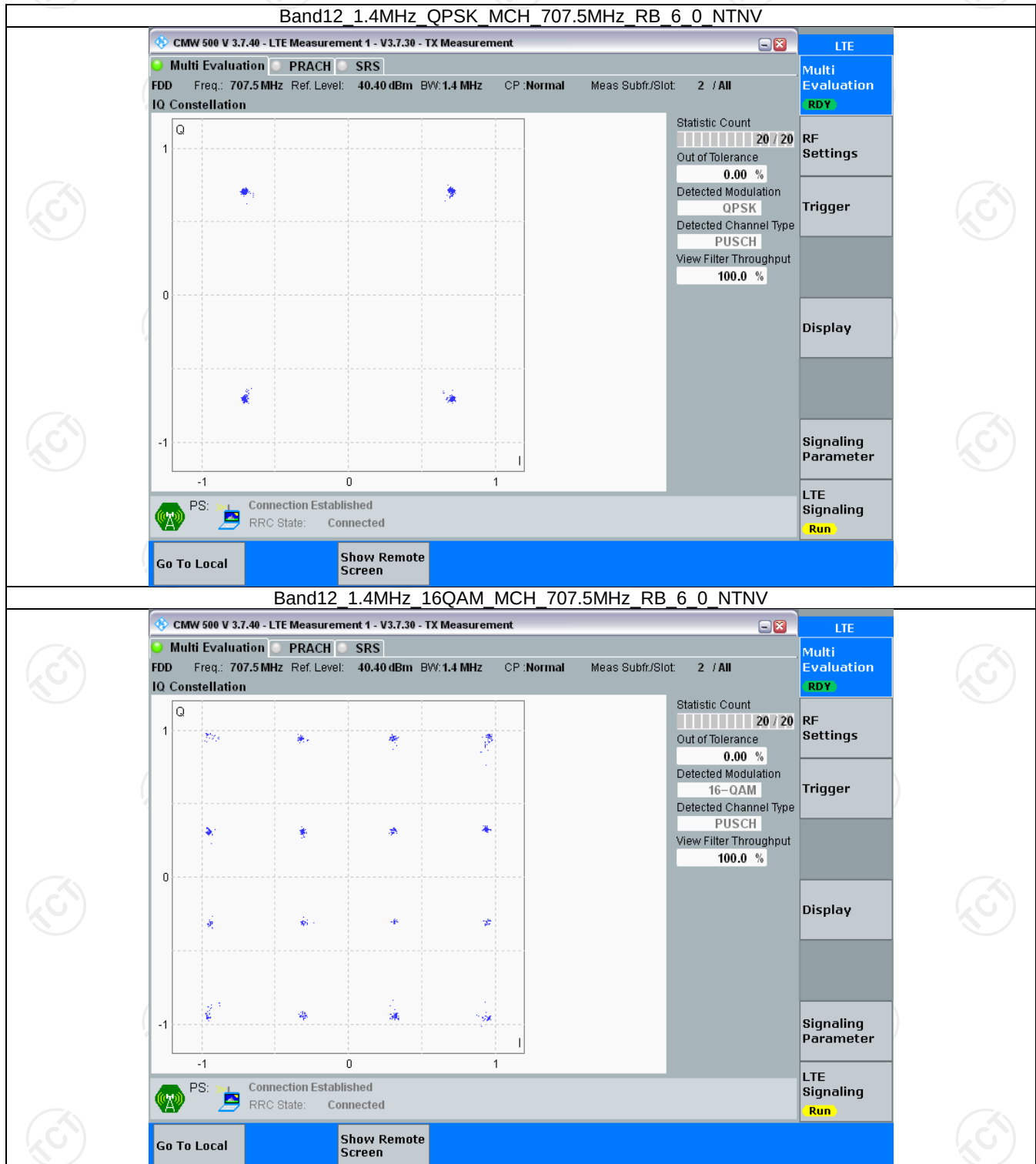
Band: 12 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	707.5	25	0	Refer To Test Graph		Pass
16QAM	707.5	25	0	Refer To Test Graph		Pass

3.1.4 B12_10MHz

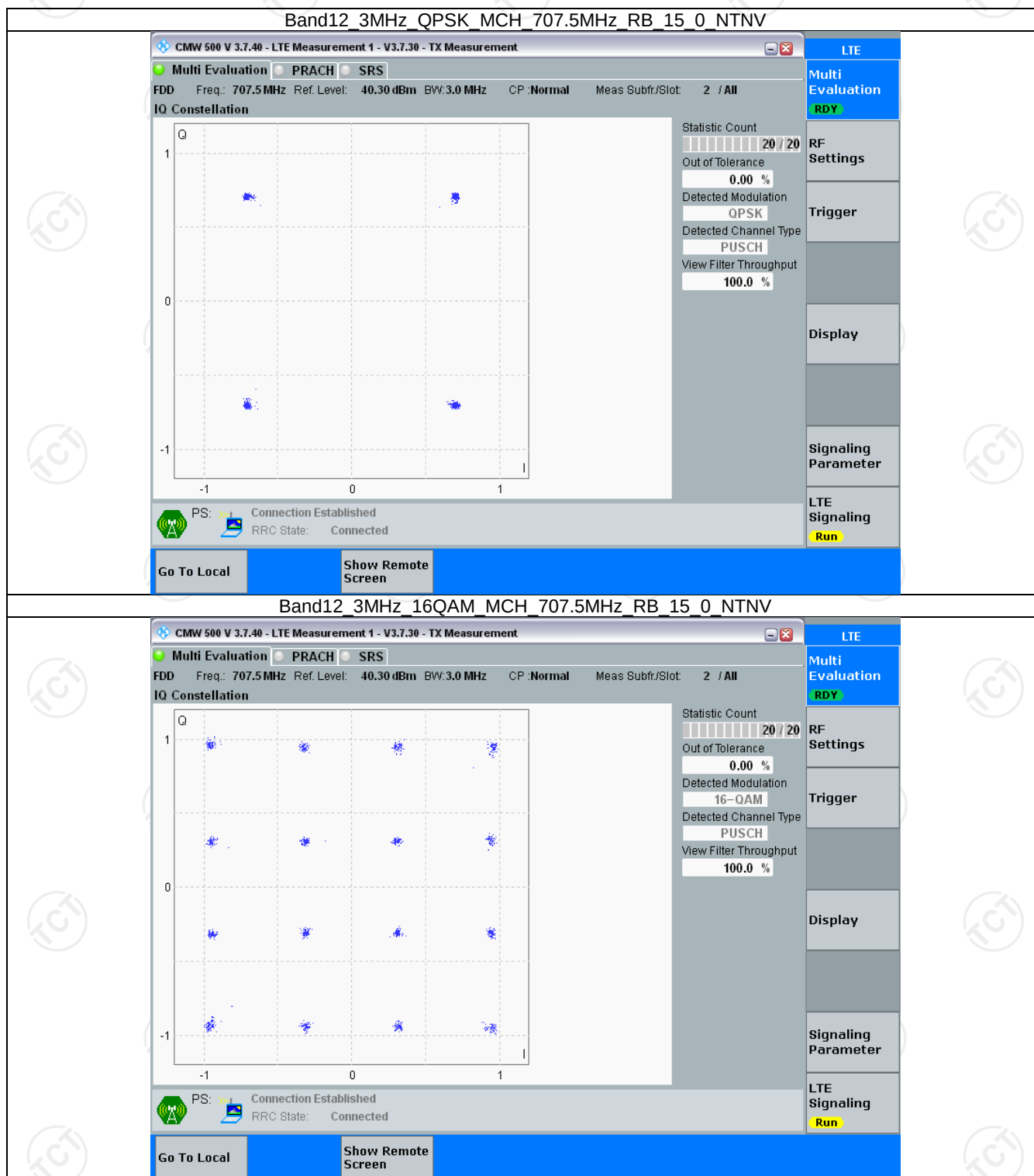
Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	707.5	50	0	Refer To Test Graph		Pass
16QAM	707.5	50	0	Refer To Test Graph		Pass

3.2 Test Graph

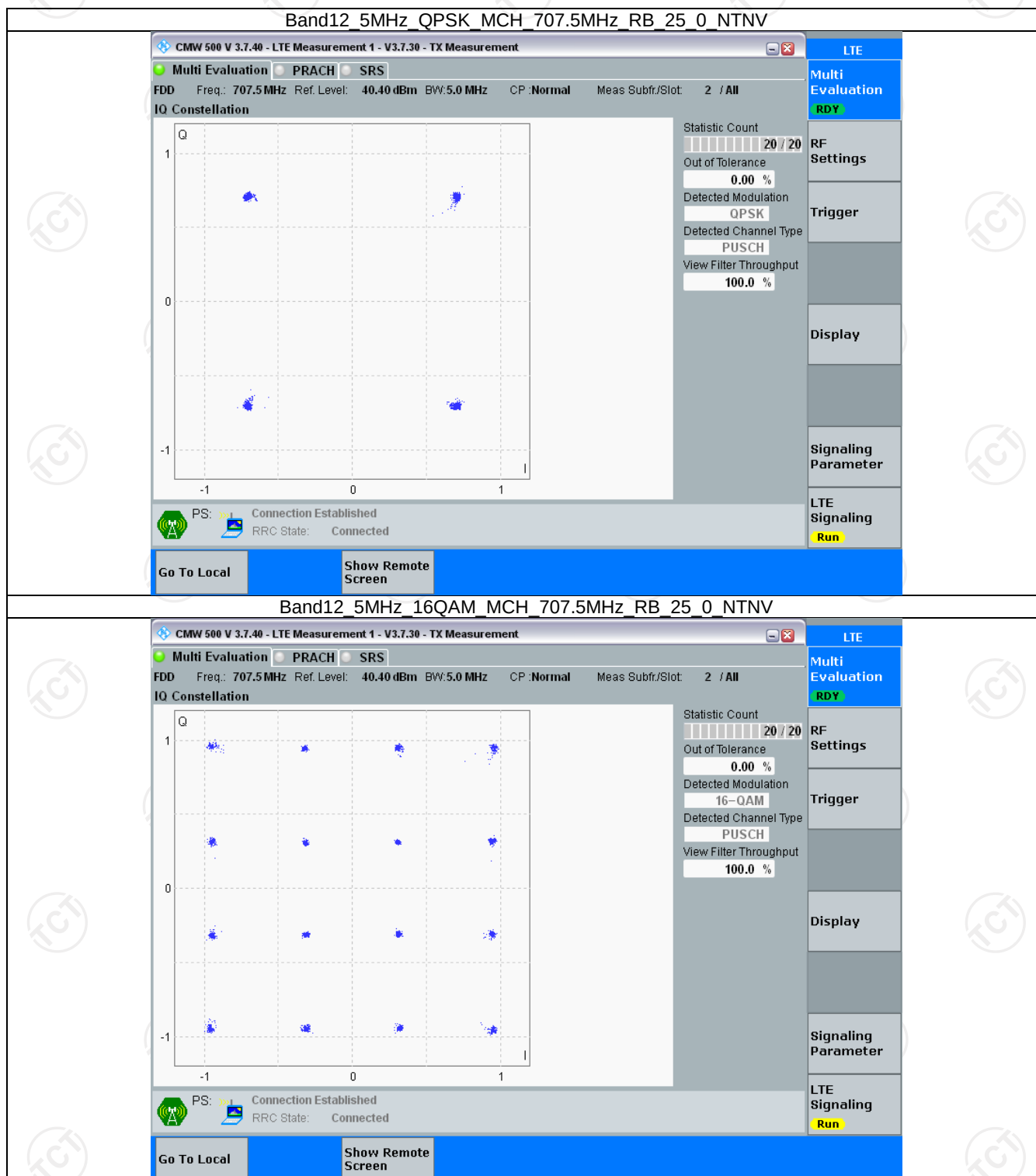
3.2.1 B12_1.4MHz



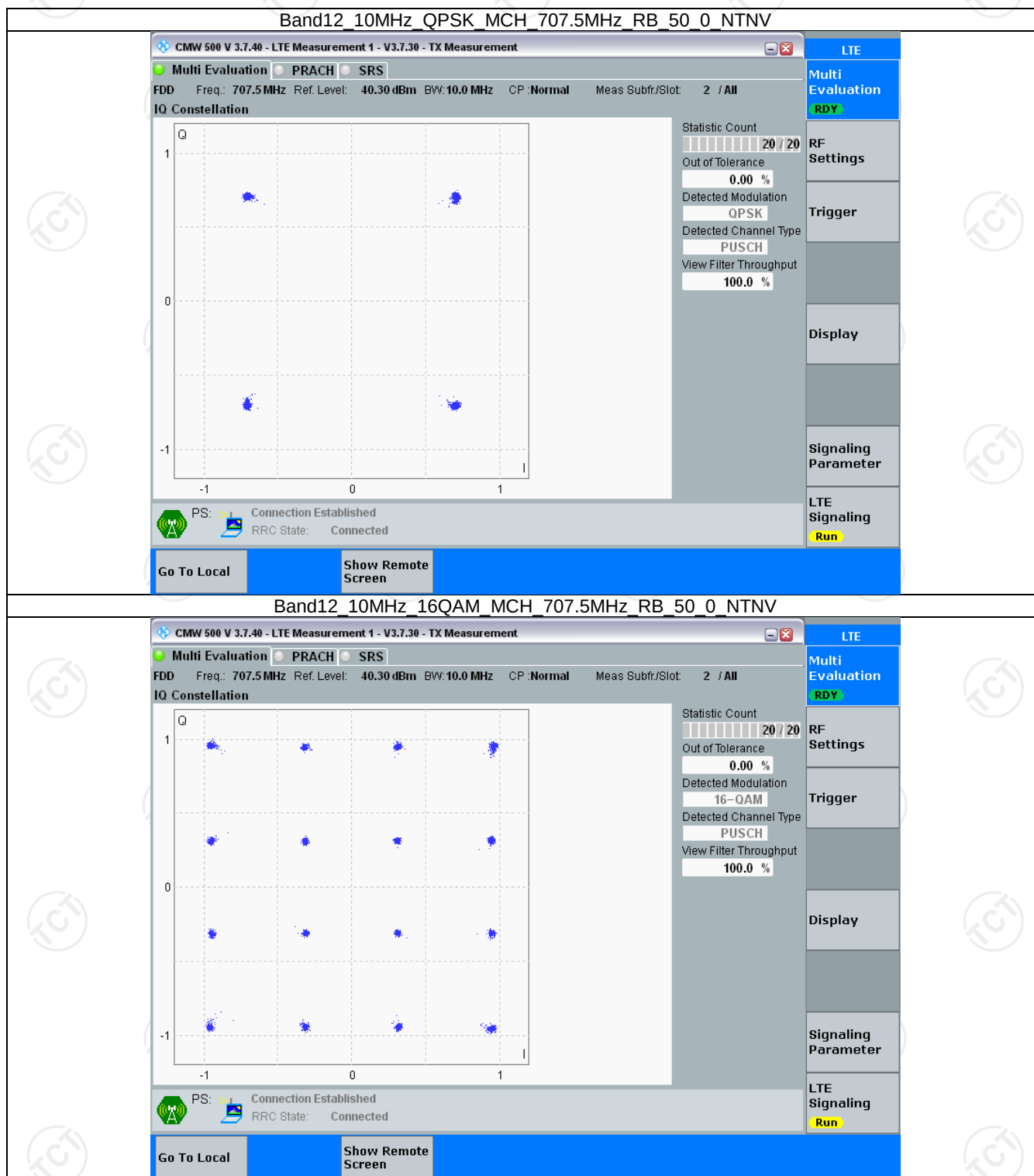
3.2.2 B12_3MHz



3.2.3 B12_5MHz



3.2.4 B12_10MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band12_OBW

Band: 12 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	699.7	6	0	1.114	/	Pass
		707.5	6	0	1.118	/	Pass
		715.3	6	0	1.108	/	Pass
	16QAM	699.7	6	0	1.113	/	Pass
		707.5	6	0	1.114	/	Pass
		715.3	6	0	1.111	/	Pass
3	QPSK	700.5	15	0	2.727	/	Pass
		707.5	15	0	2.722	/	Pass
		714.5	15	0	2.721	/	Pass
	16QAM	700.5	15	0	2.726	/	Pass
		707.5	15	0	2.727	/	Pass
		714.5	15	0	2.733	/	Pass
5	QPSK	701.5	25	0	4.550	/	Pass
		707.5	25	0	4.546	/	Pass
		713.5	25	0	4.561	/	Pass
	16QAM	701.5	25	0	4.564	/	Pass
		707.5	25	0	4.562	/	Pass
		713.5	25	0	4.541	/	Pass
10	QPSK	704	50	0	9.049	/	Pass
		707.5	50	0	9.009	/	Pass
		711	50	0	9.041	/	Pass
	16QAM	704	50	0	9.070	/	Pass
		707.5	50	0	9.025	/	Pass
		711	50	0	9.020	/	Pass

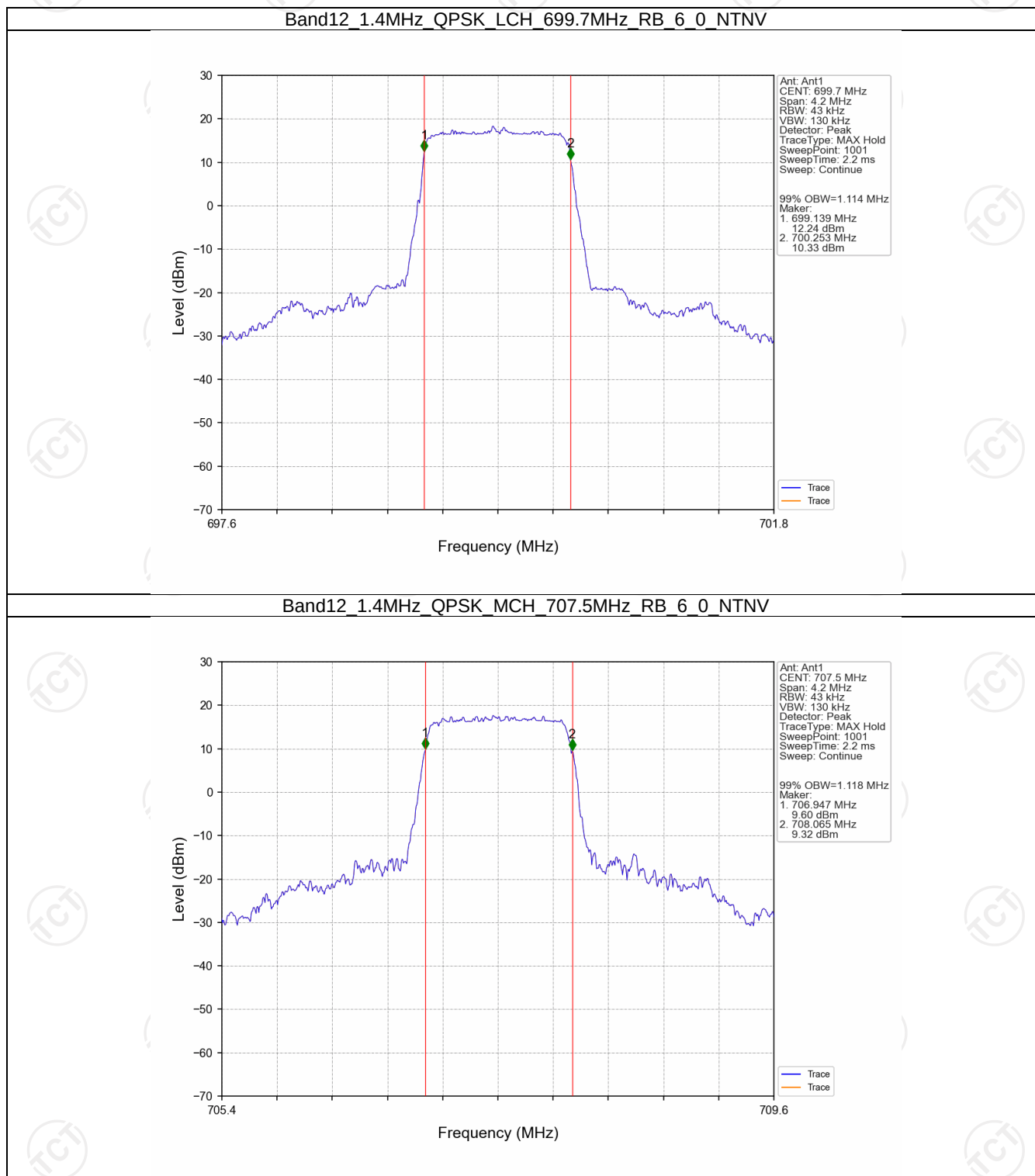
4.1.2 Band12_XDB

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	1.300	/	Pass
		707.5	6	0	1.305	/	Pass
		715.3	6	0	1.312	/	Pass
	16QAM	699.7	6	0	1.301	/	Pass
		707.5	6	0	1.298	/	Pass
		715.3	6	0	1.318	/	Pass
3	QPSK	700.5	15	0	3.023	/	Pass
		707.5	15	0	3.053	/	Pass
		714.5	15	0	3.031	/	Pass
	16QAM	700.5	15	0	3.050	/	Pass
		707.5	15	0	3.060	/	Pass
		714.5	15	0	3.025	/	Pass
5	QPSK	701.5	25	0	4.989	/	Pass
		707.5	25	0	5.014	/	Pass

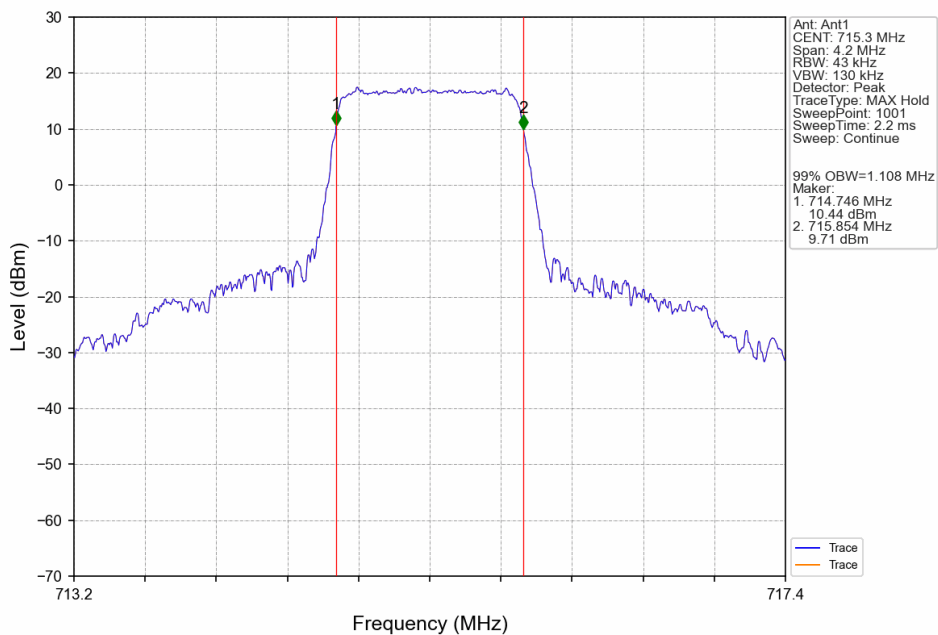
	16QAM	713.5	25	0	5.003	/	Pass
		701.5	25	0	5.022	/	Pass
		707.5	25	0	5.000	/	Pass
		713.5	25	0	4.986	/	Pass
10	QPSK	704	50	0	9.957	/	Pass
		707.5	50	0	9.839	/	Pass
		711	50	0	9.917	/	Pass
	16QAM	704	50	0	9.919	/	Pass
		707.5	50	0	9.864	/	Pass
		711	50	0	9.888	/	Pass

4.2 Test Graph

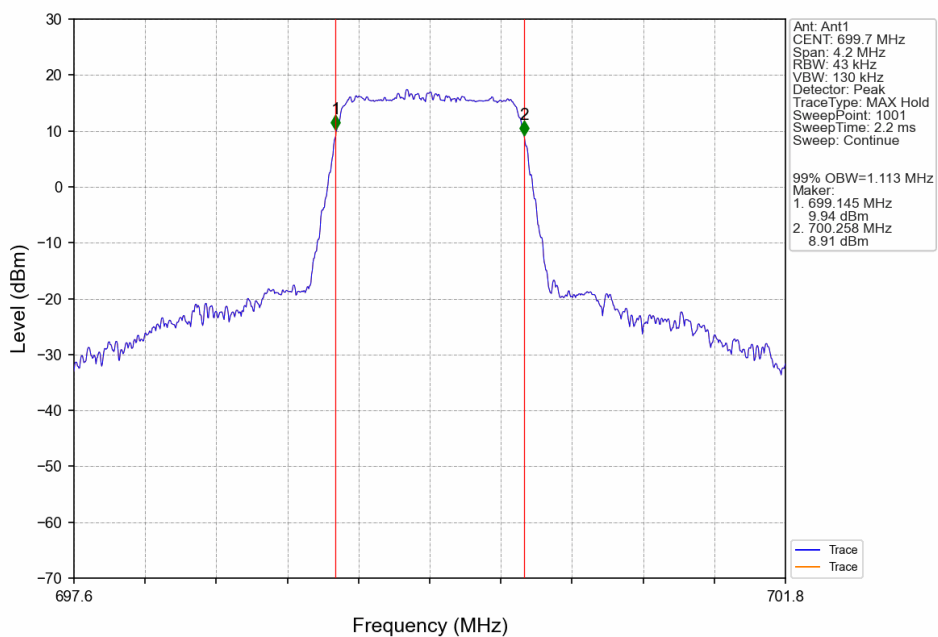
4.2.1 Band12_OBW



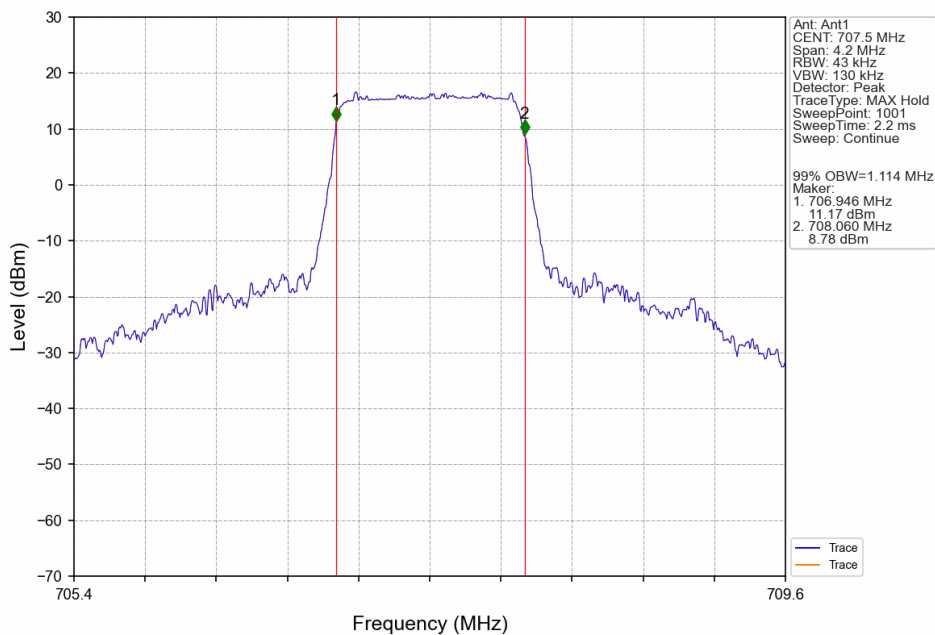
Band12 1.4MHz QPSK HCH 715.3MHz RB 6 0 NTNV



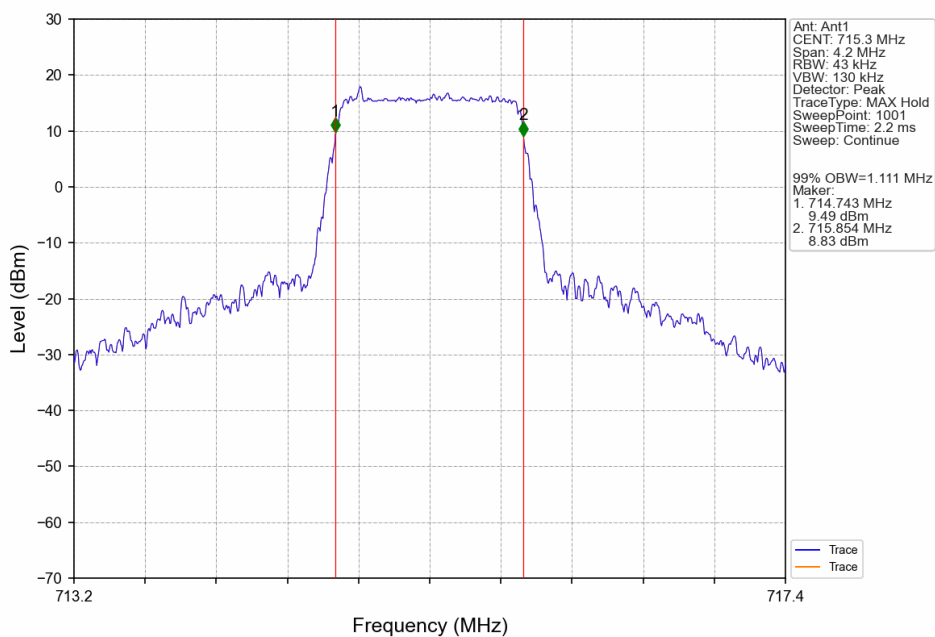
Band12 1.4MHz 16QAM LCH 699.7MHz RB 6 0 NTNV



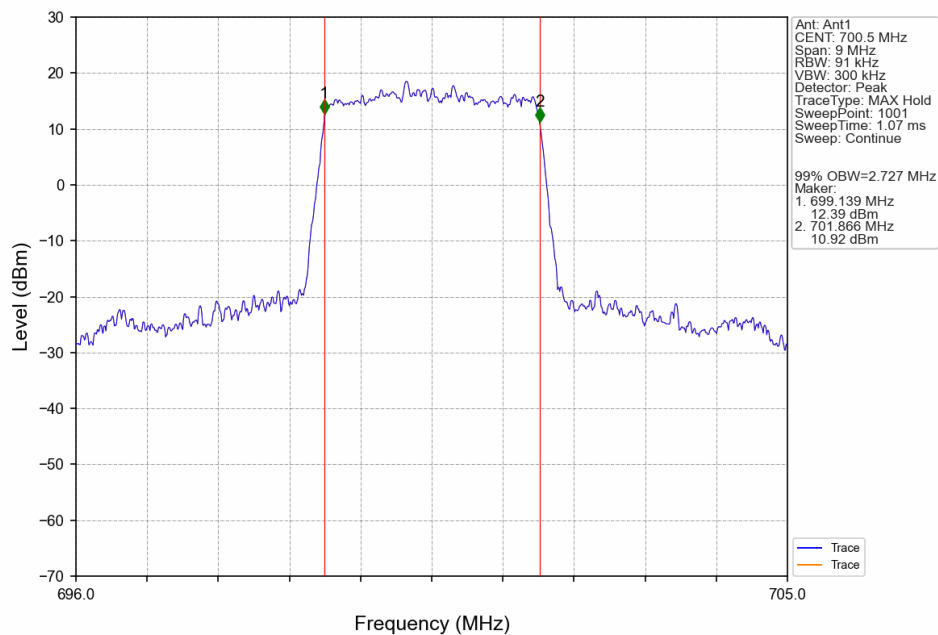
Band12 1.4MHz 16QAM MCH 707.5MHz RB 6 0 NTNV



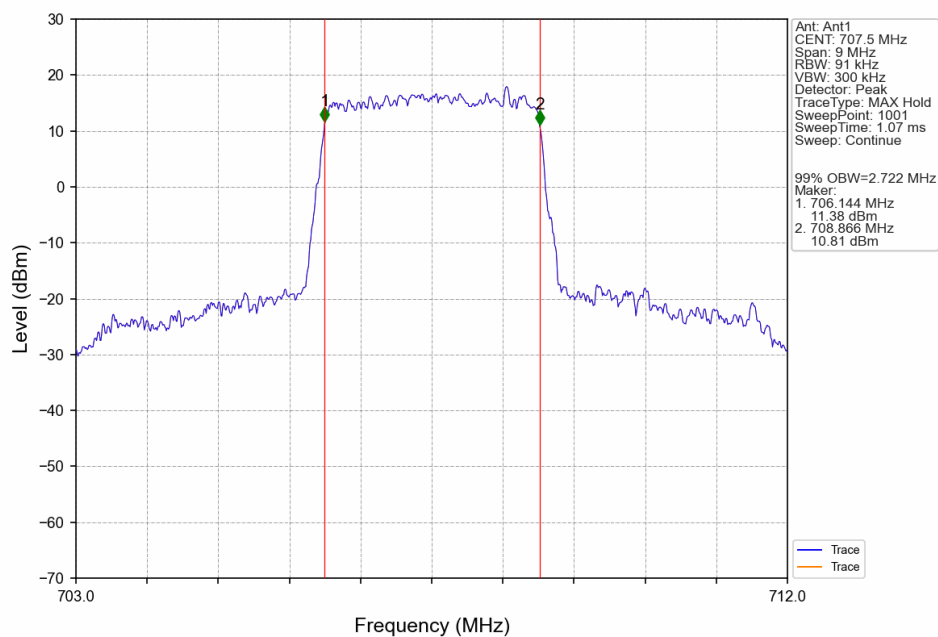
Band12 1.4MHz 16QAM HCH 715.3MHz RB 6 0 NTNV



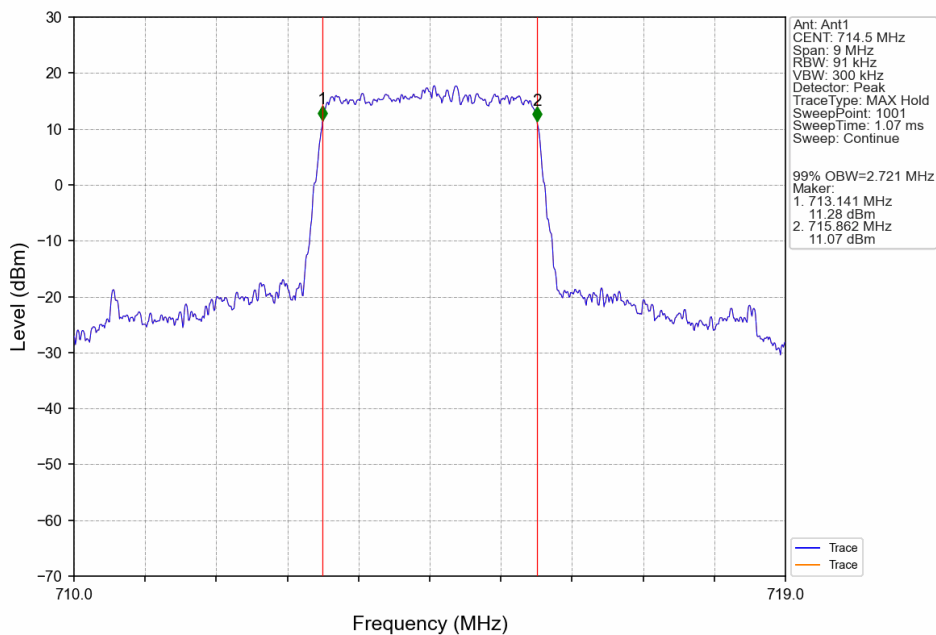
Band12 3MHz QPSK LCH 700.5MHz RB 15 0 NTNV



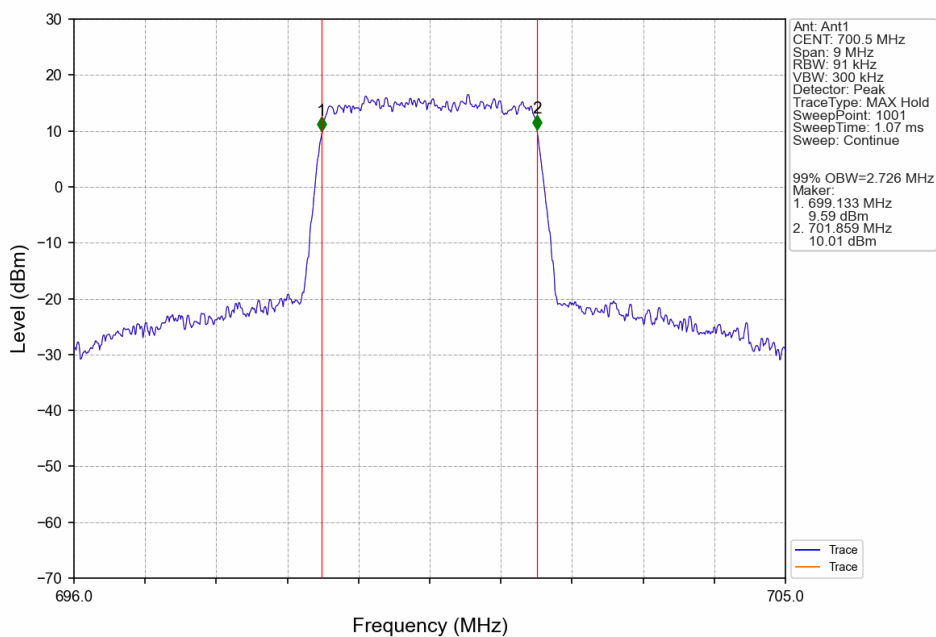
Band12 3MHz QPSK MCH 707.5MHz RB 15 0 NTNV



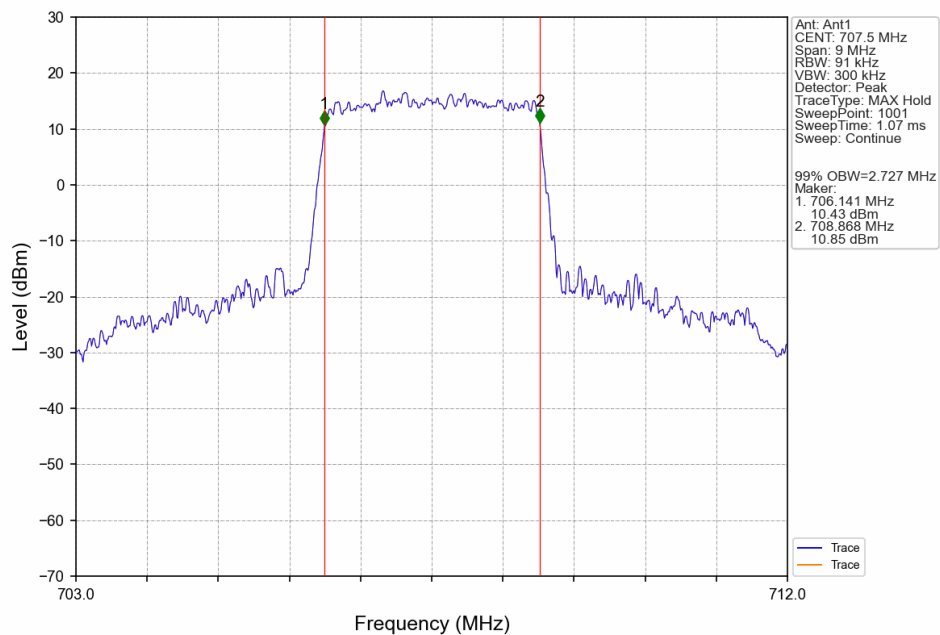
Band12 3MHz QPSK HCH 714.5MHz RB 15 0 NTV



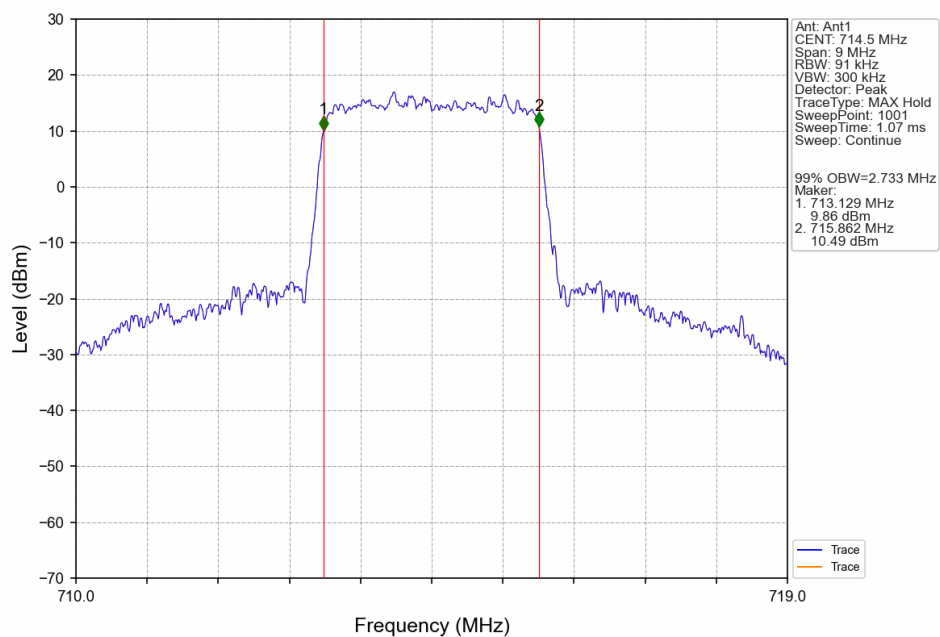
Band12 3MHz 16QAM LCH 700.5MHz RB 15 0 NTV



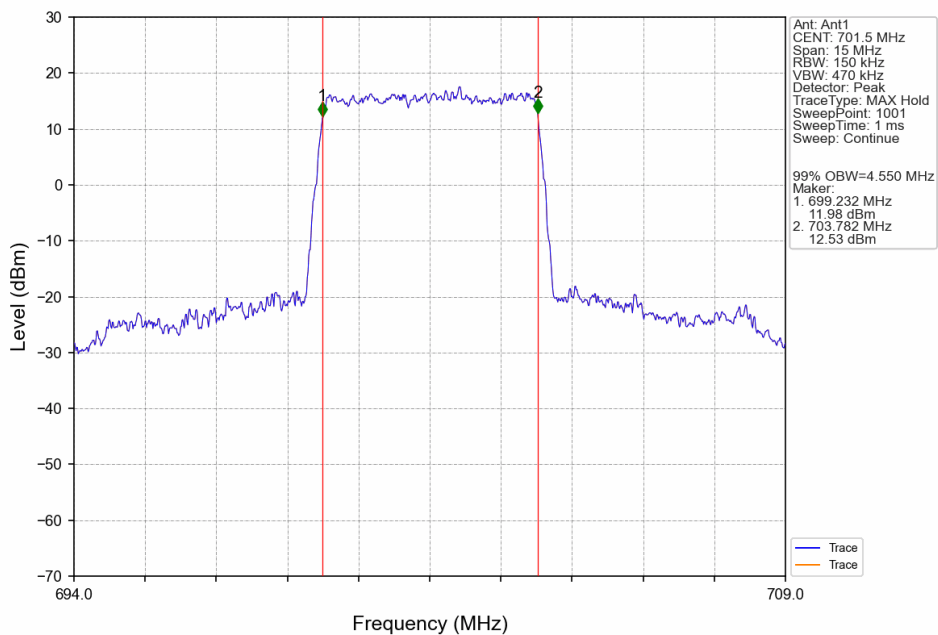
Band12 3MHz 16QAM MCH 707.5MHz RB 15 0 NTV



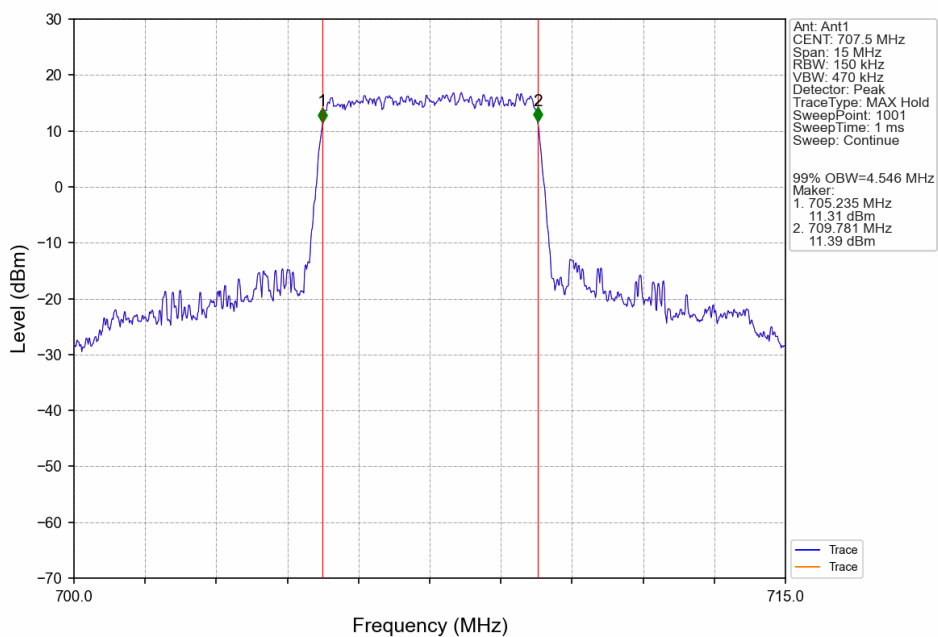
Band12 3MHz 16QAM HCH 714.5MHz RB 15 0 NTV



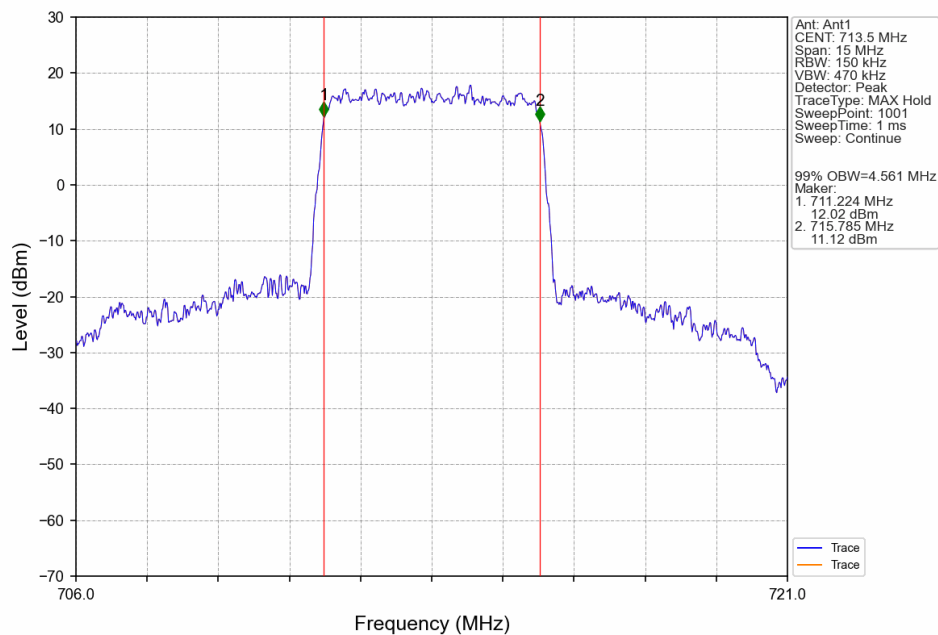
Band12 5MHz QPSK LCH 701.5MHz RB 25 0 NTNV



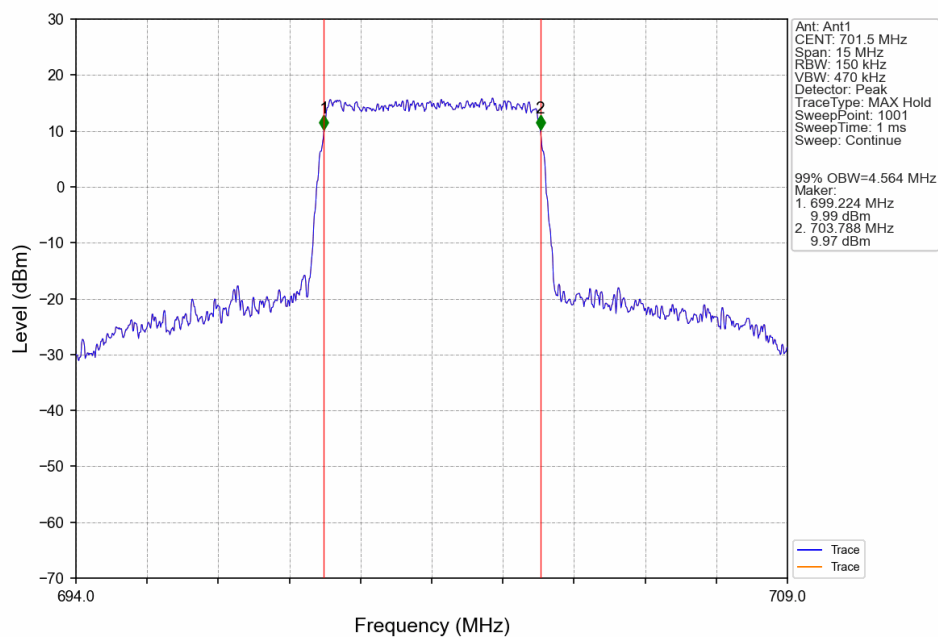
Band12 5MHz QPSK MCH 707.5MHz RB 25 0 NTNV



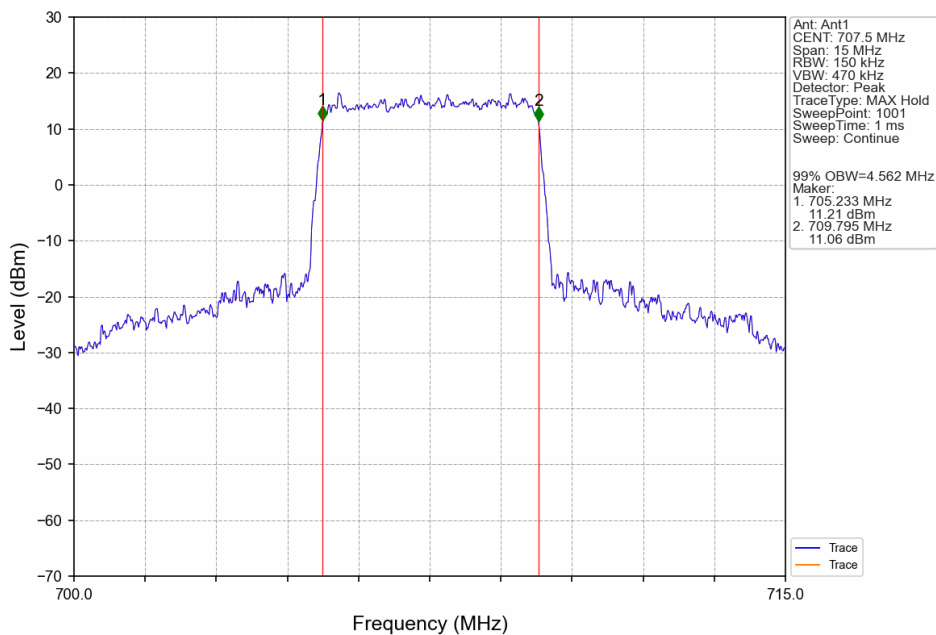
Band12 5MHz QPSK HCH 713.5MHz RB 25 0 NTV



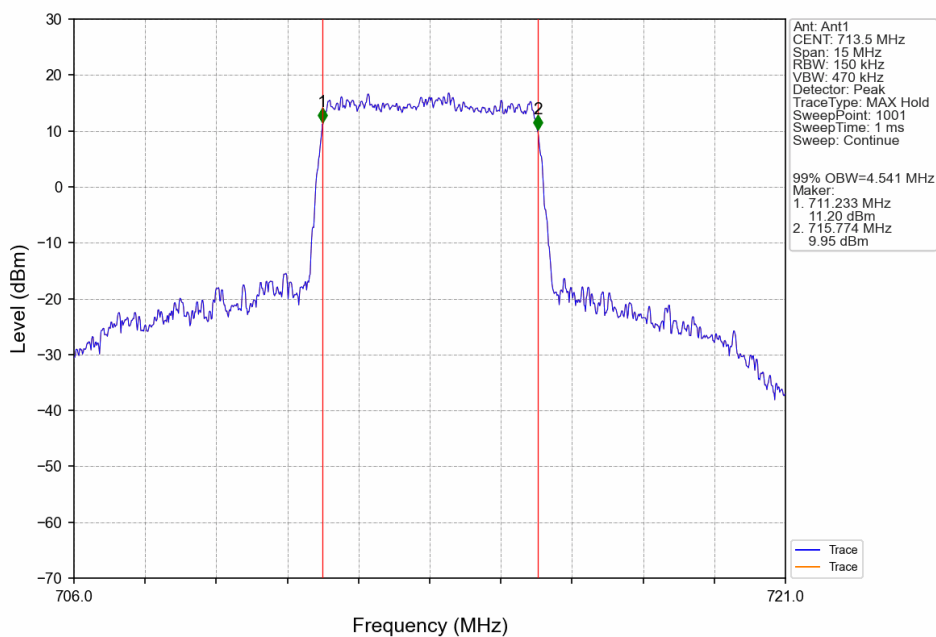
Band12 5MHz 16QAM LCH 701.5MHz RB 25 0 NTV



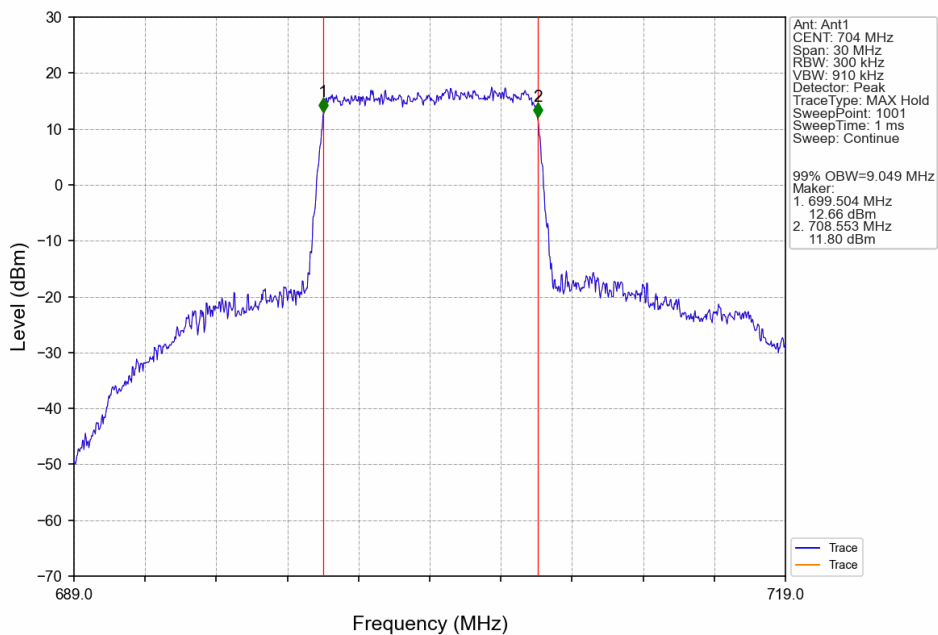
Band12 5MHz 16QAM MCH 707.5MHz RB 25 0 NTNV



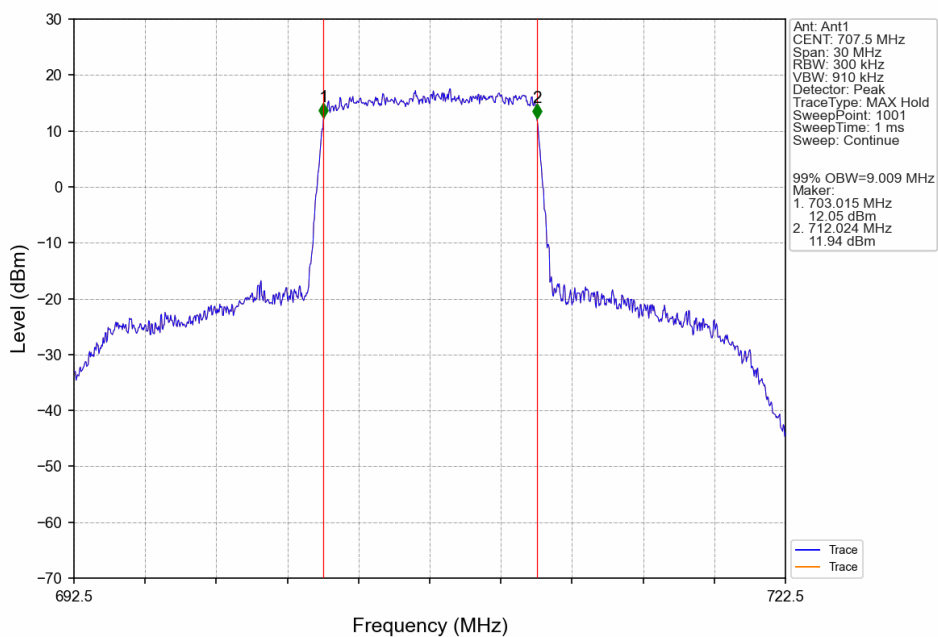
Band12 5MHz 16QAM HCH 713.5MHz RB 25 0 NTNV



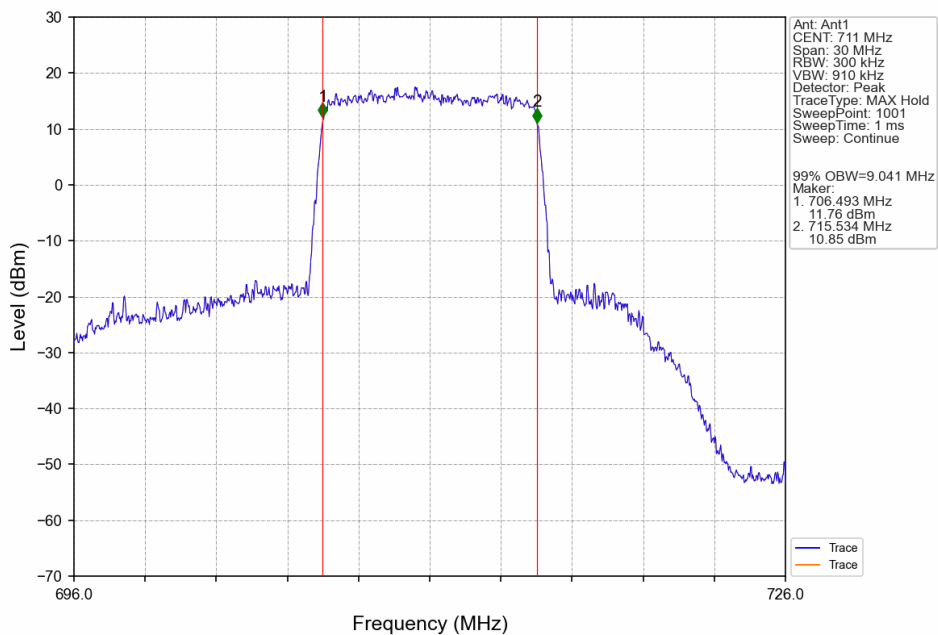
Band12 10MHz QPSK LCH 704MHz RB 50 0 NTNV



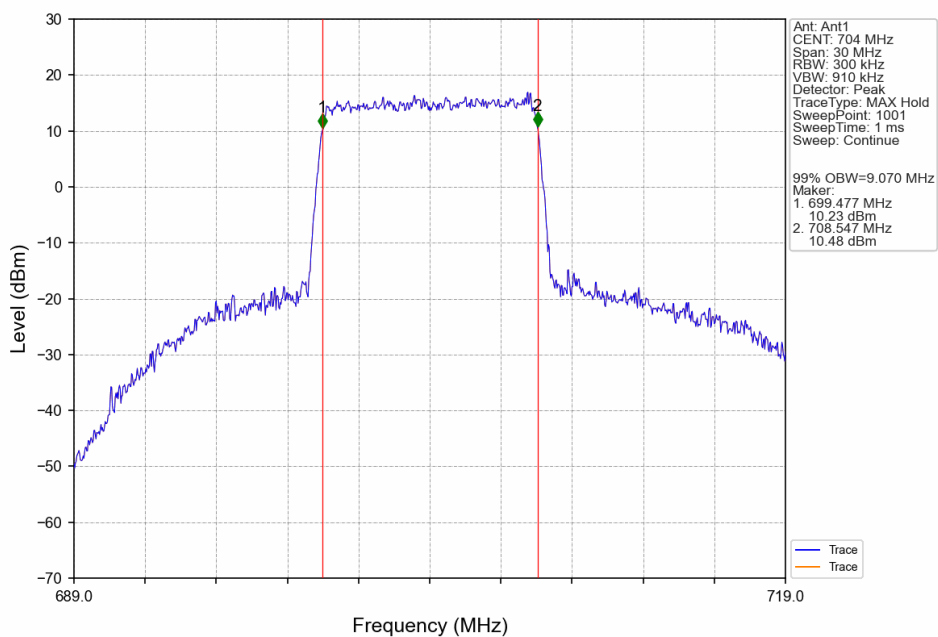
Band12 10MHz QPSK MCH 707.5MHz RB 50 0 NTNV



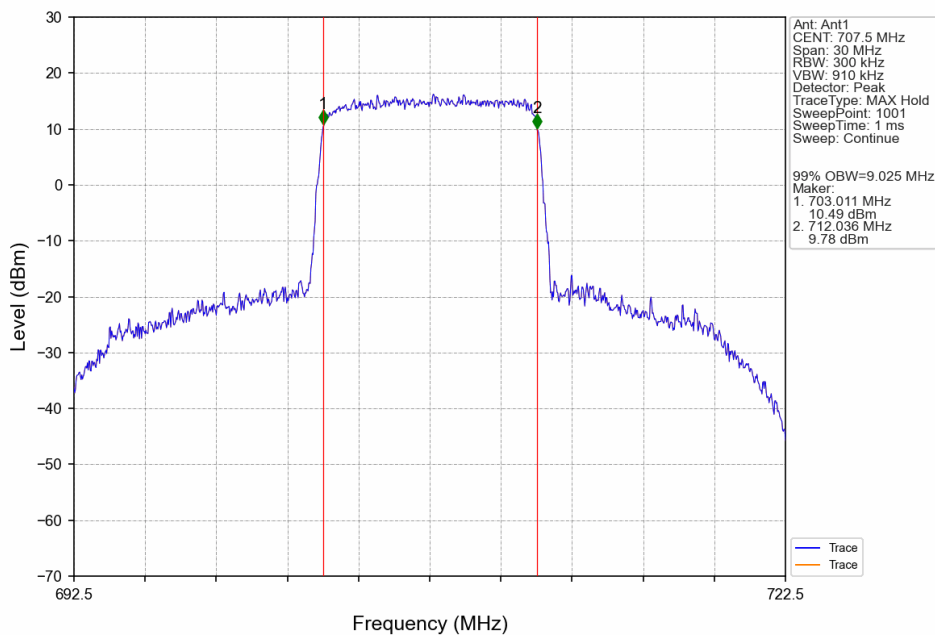
Band12 10MHz QPSK HCH 711MHz RB 50 0 NTNV



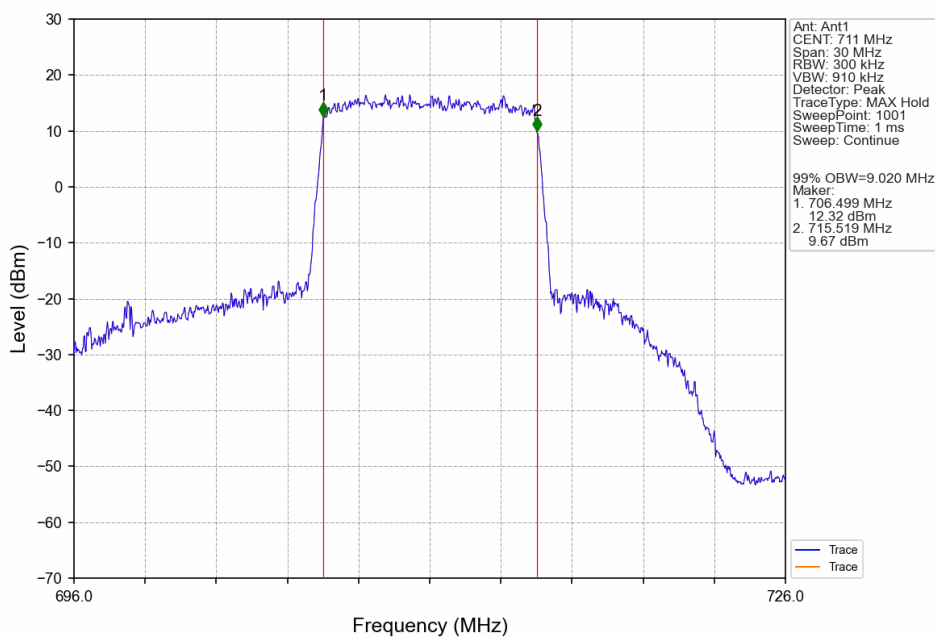
Band12 10MHz 16QAM LCH 704MHz RB 50 0 NTNV



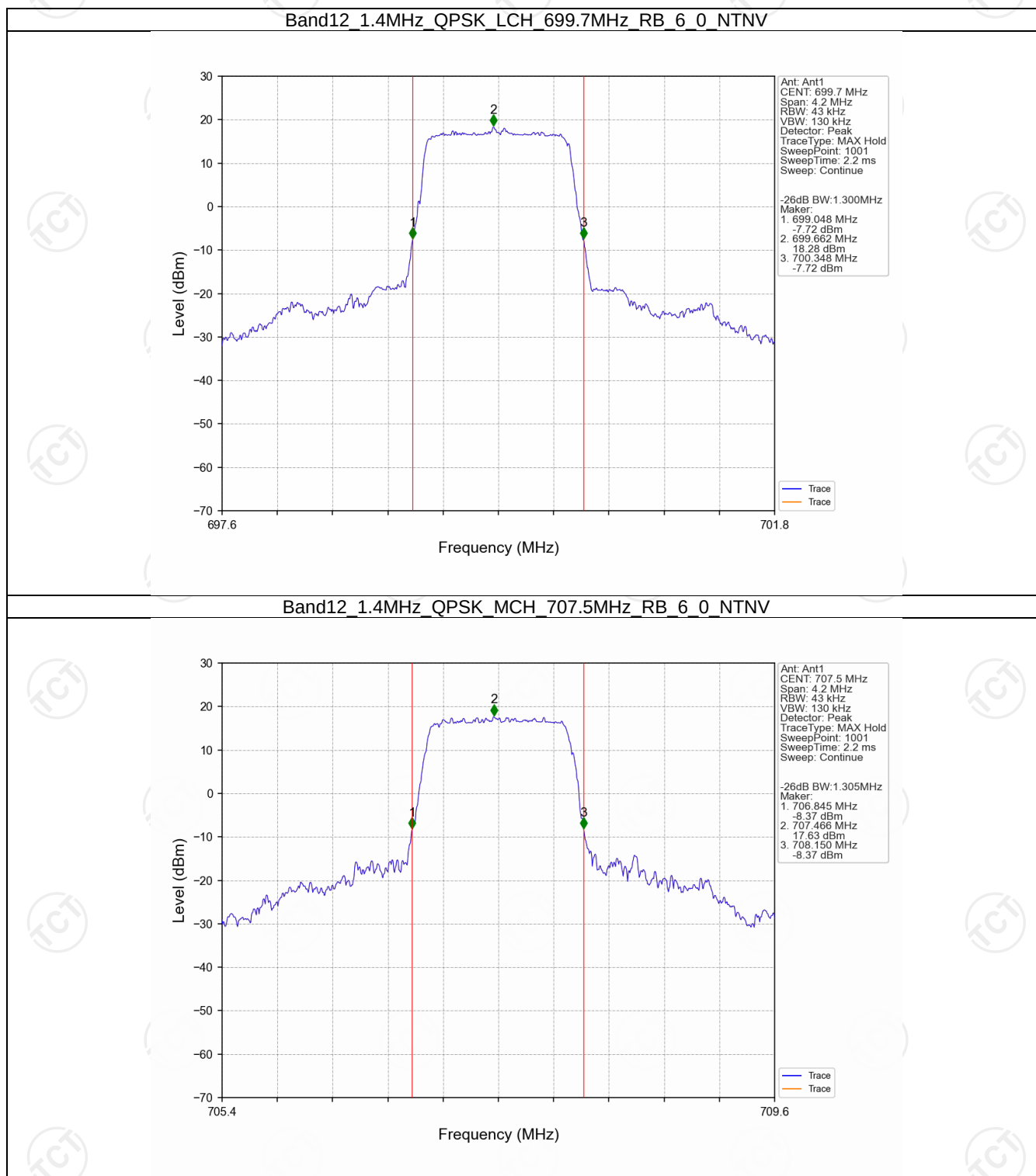
Band12 10MHz 16QAM MCH 707.5MHz RB 50 0 NTN



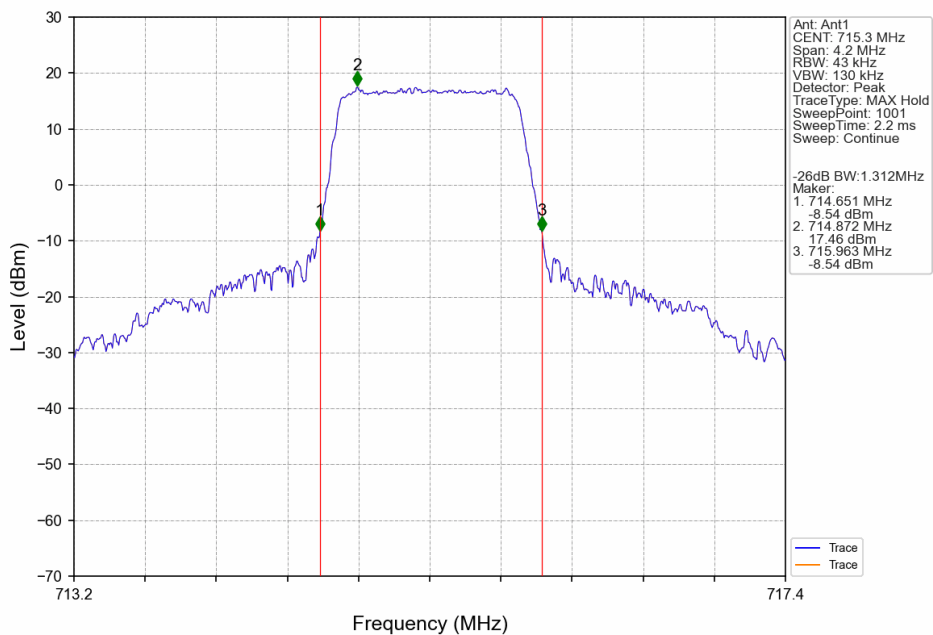
Band12 10MHz 16QAM HCH 711MHz RB 50 0 NTN



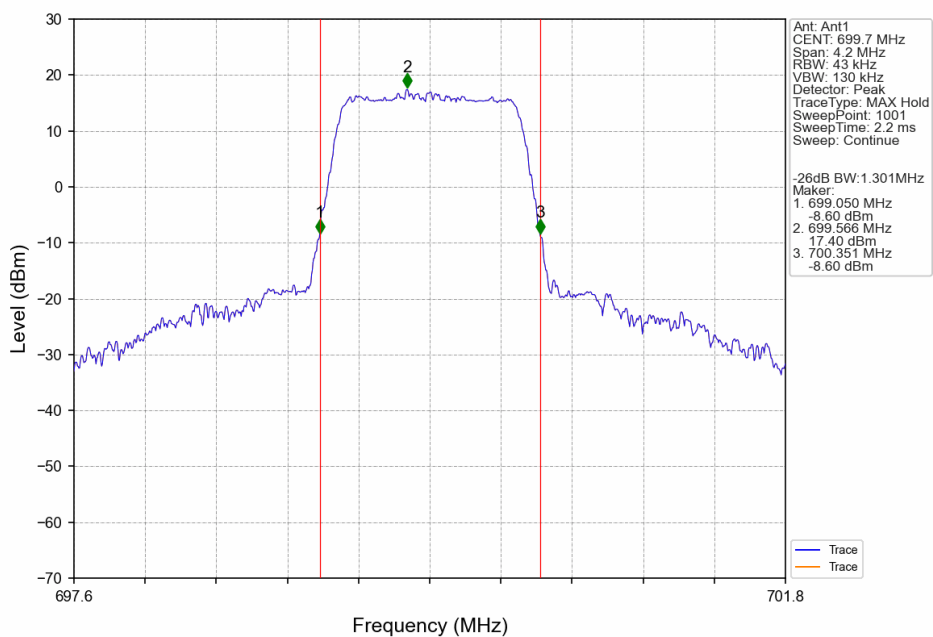
4.2.2 Band12_XDB



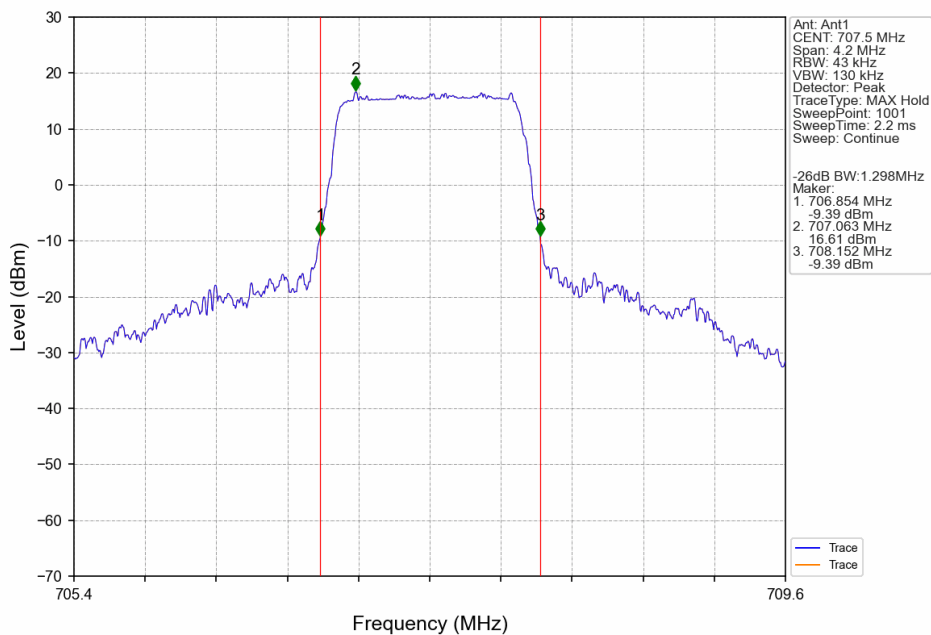
Band12 1.4MHz QPSK HCH 715.3MHz RB 6 0 NTV



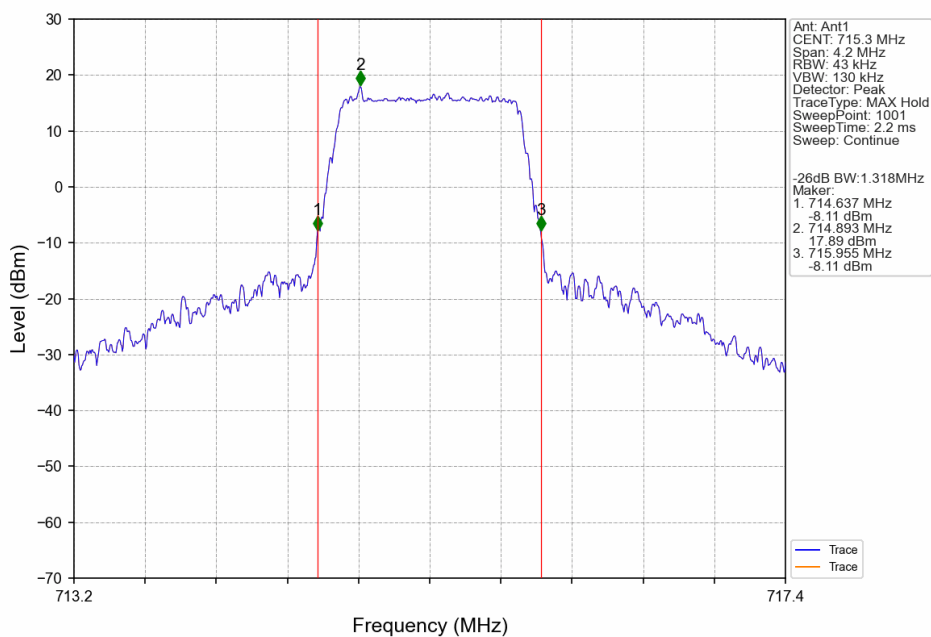
Band12 1.4MHz 16QAM LCH 699.7MHz RB 6 0 NTV



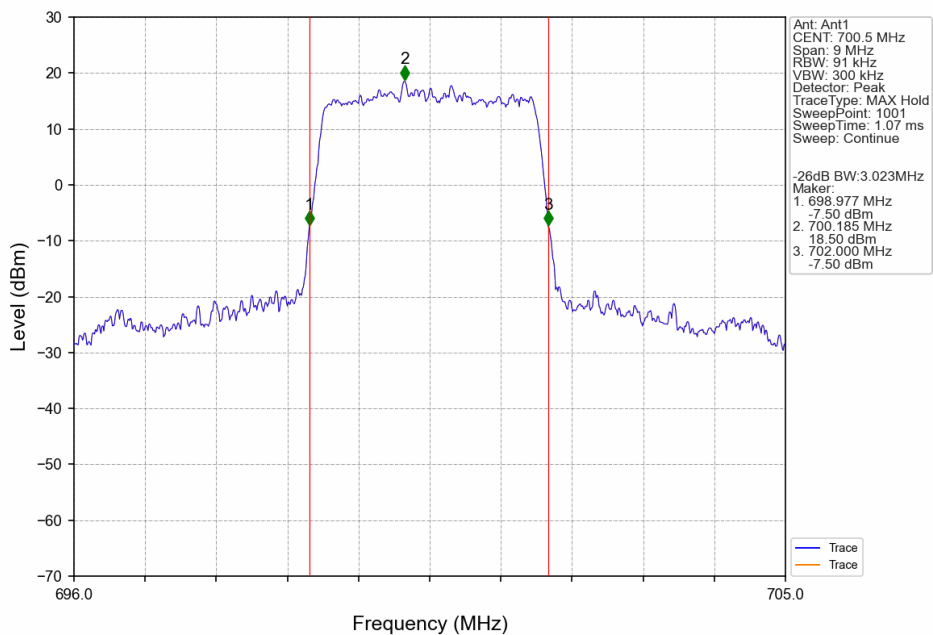
Band12 1.4MHz 16QAM MCH 707.5MHz RB 6 0 NTN



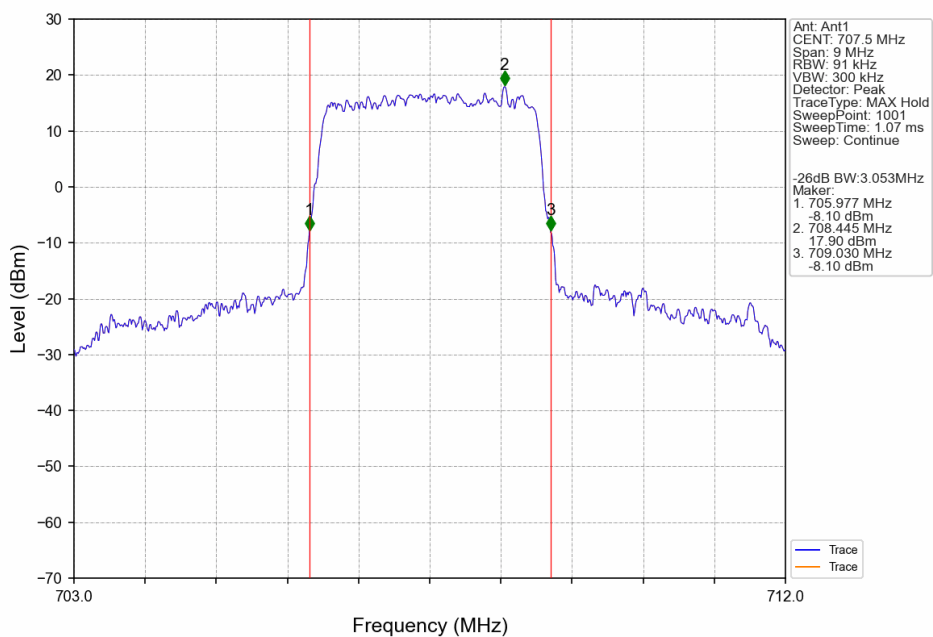
Band12 1.4MHz 16QAM HCH 715.3MHz RB 6 0 NTN



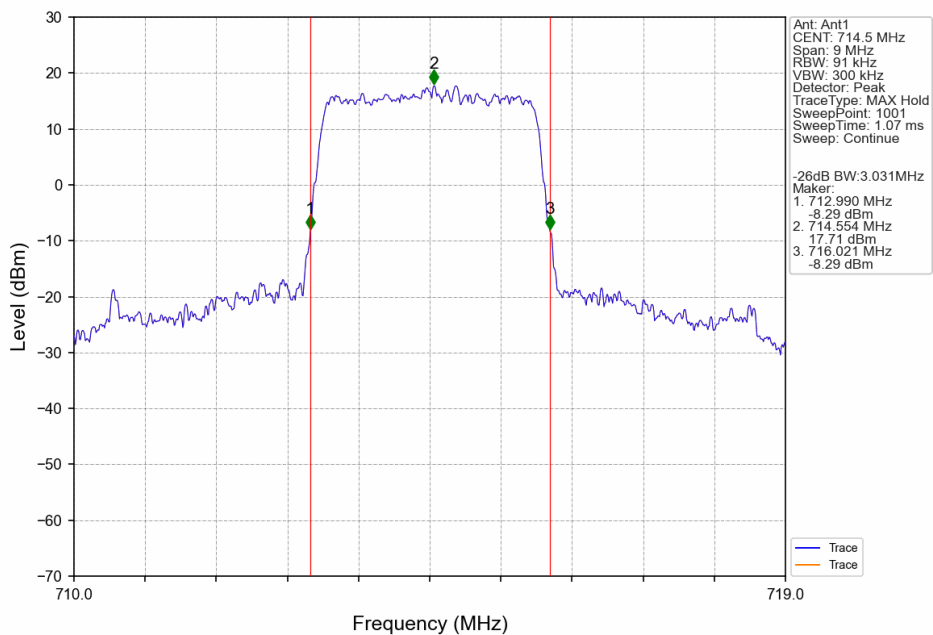
Band12 3MHz QPSK LCH 700.5MHz RB 15 0 NTNV



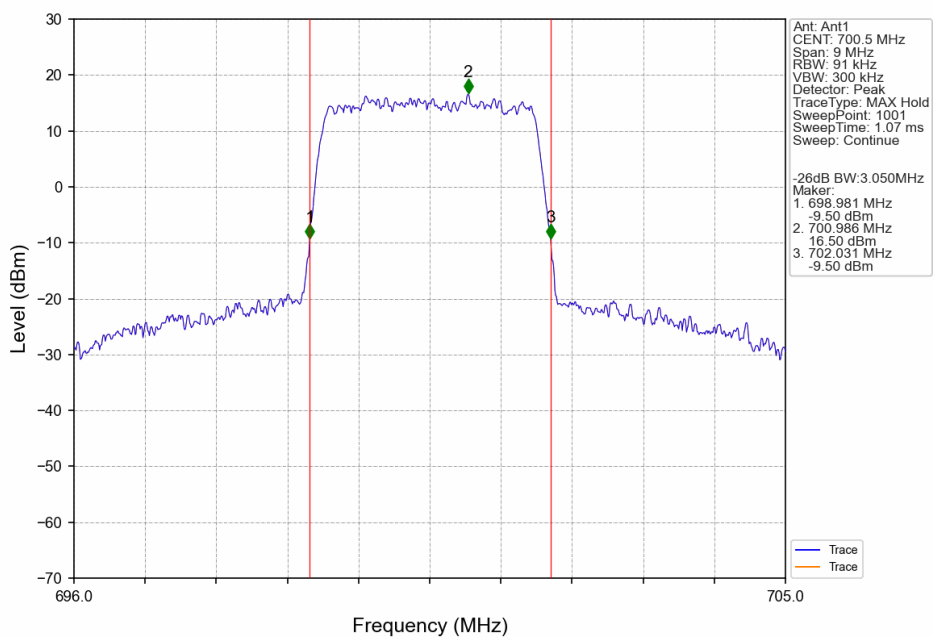
Band12 3MHz QPSK MCH 707.5MHz RB 15 0 NTNV



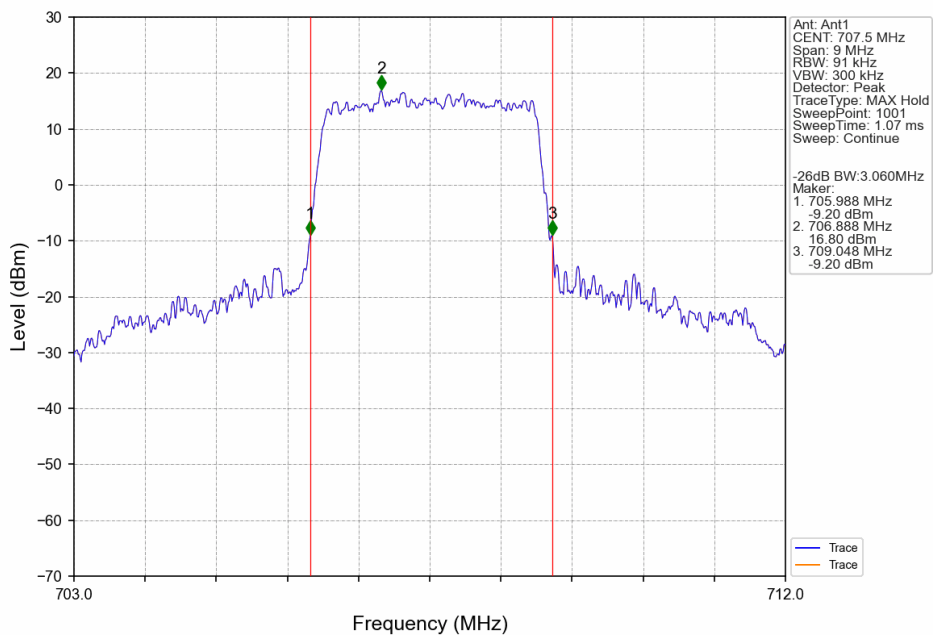
Band12 3MHz QPSK HCH 714.5MHz RB 15 0 NTV



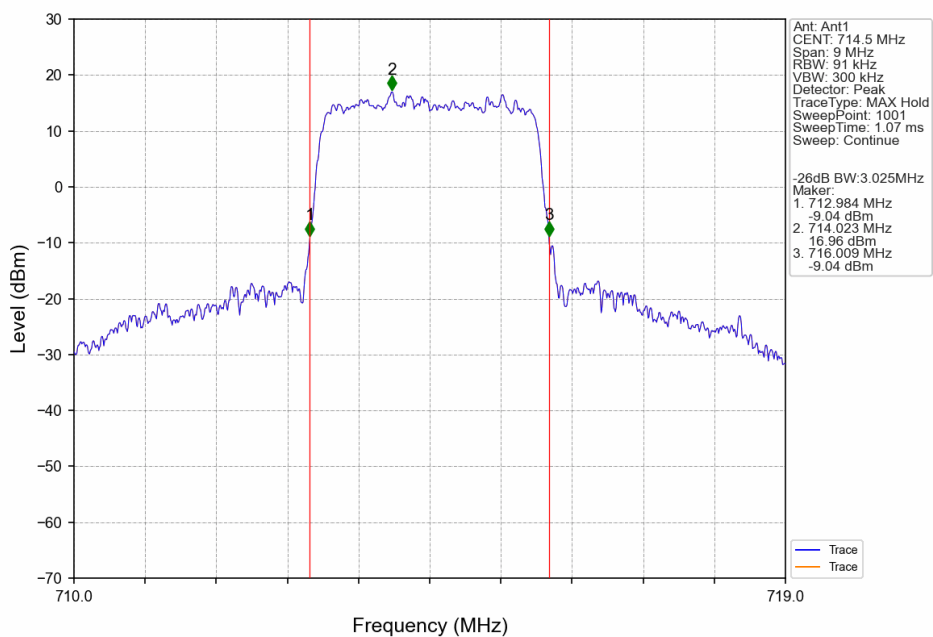
Band12 3MHz 16QAM LCH 700.5MHz RB 15 0 NTV



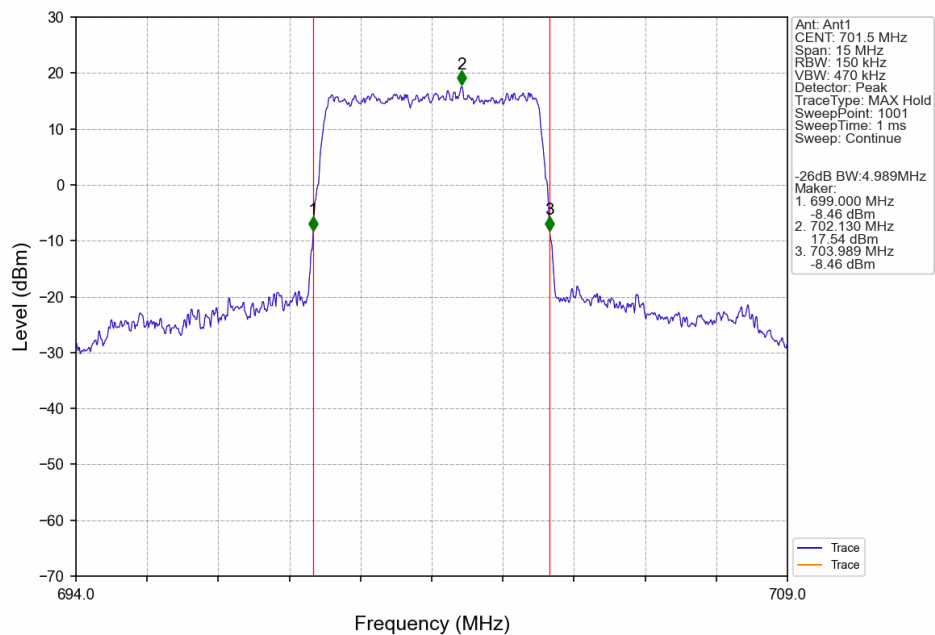
Band12 3MHz 16QAM MCH 707.5MHz RB 15 0 NTV



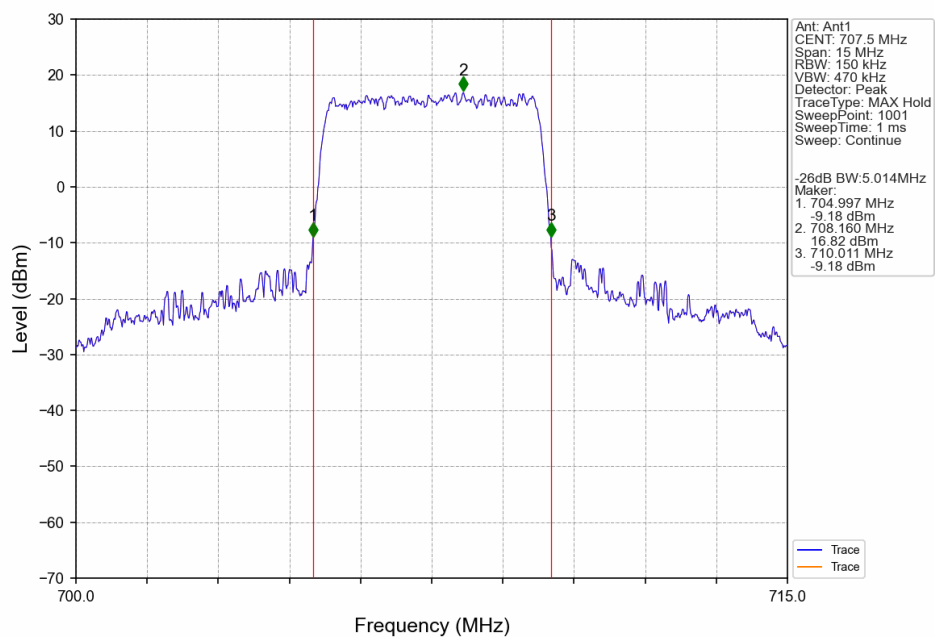
Band12 3MHz 16QAM HCH 714.5MHz RB 15 0 NTV



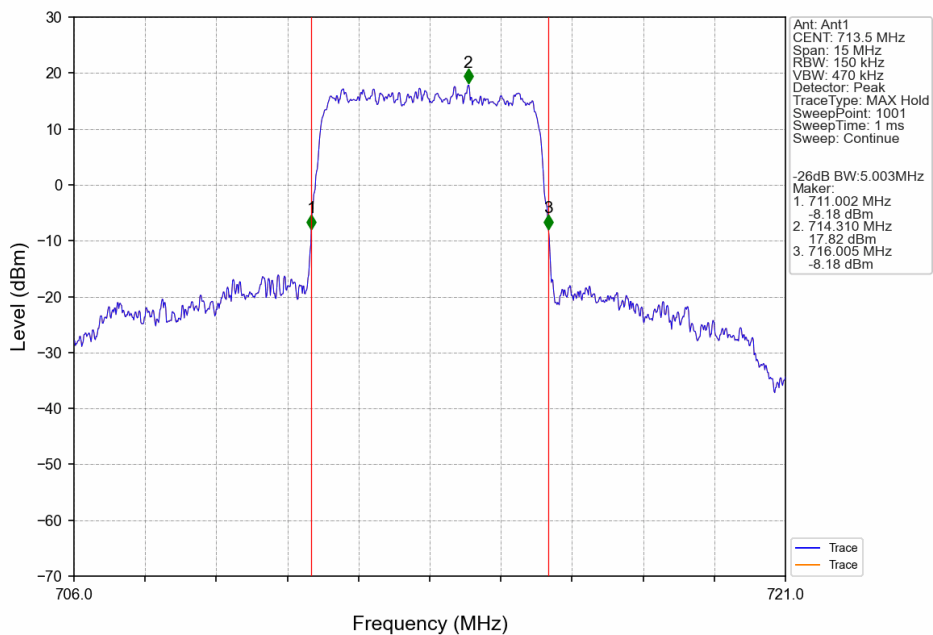
Band12 5MHz QPSK LCH 701.5MHz RB 25 0 NTNV



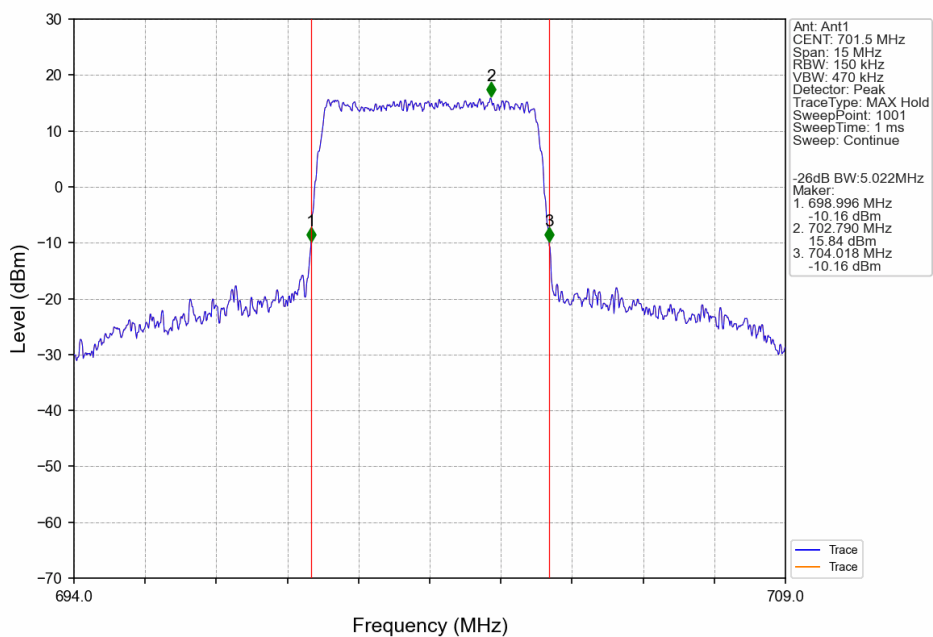
Band12 5MHz QPSK MCH 707.5MHz RB 25 0 NTNV



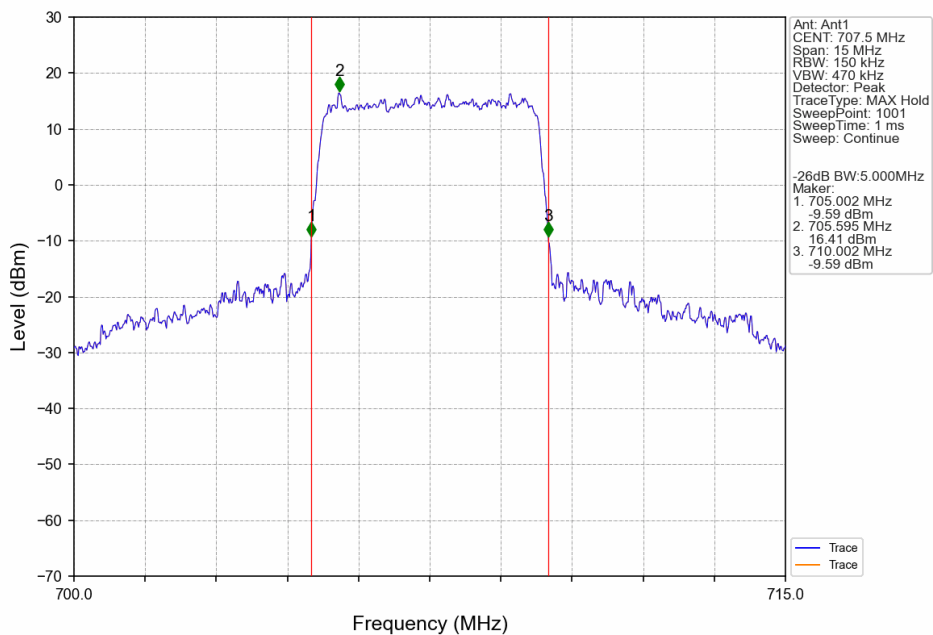
Band12 5MHz QPSK HCH 713.5MHz RB 25 0 NTNV



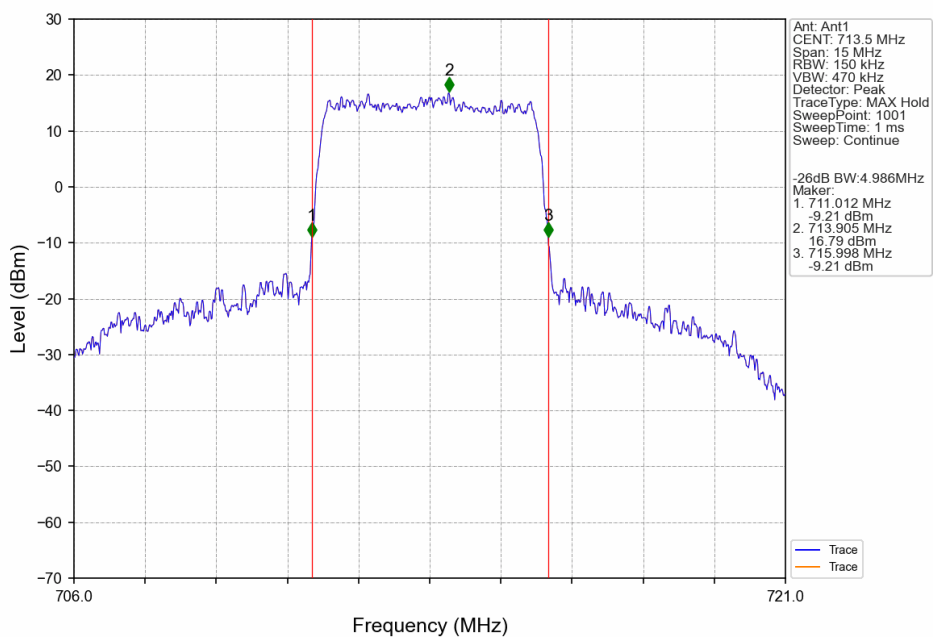
Band12 5MHz 16QAM LCH 701.5MHz RB 25 0 NTNV



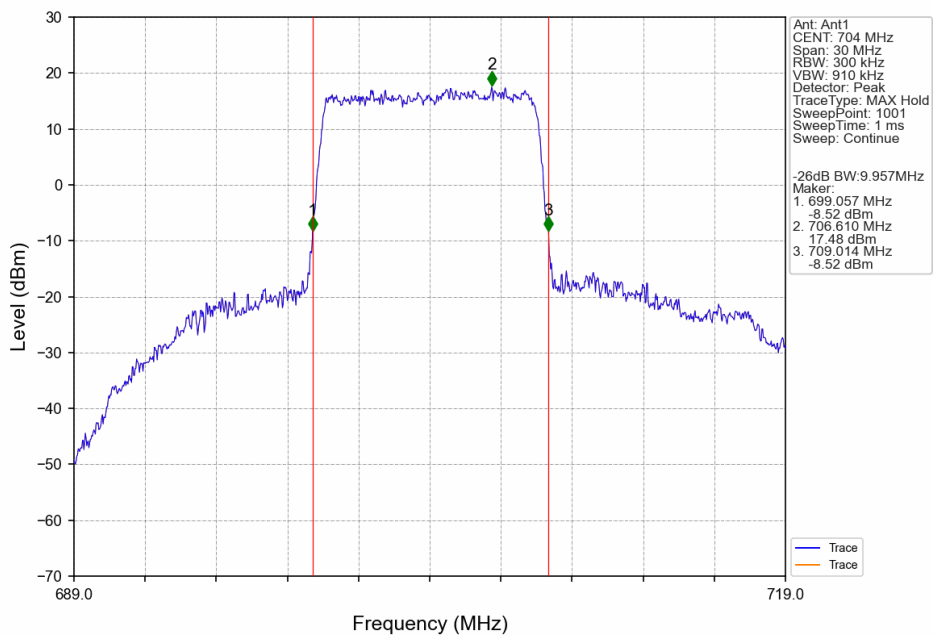
Band12 5MHz 16QAM MCH 707.5MHz RB 25 0 NTV



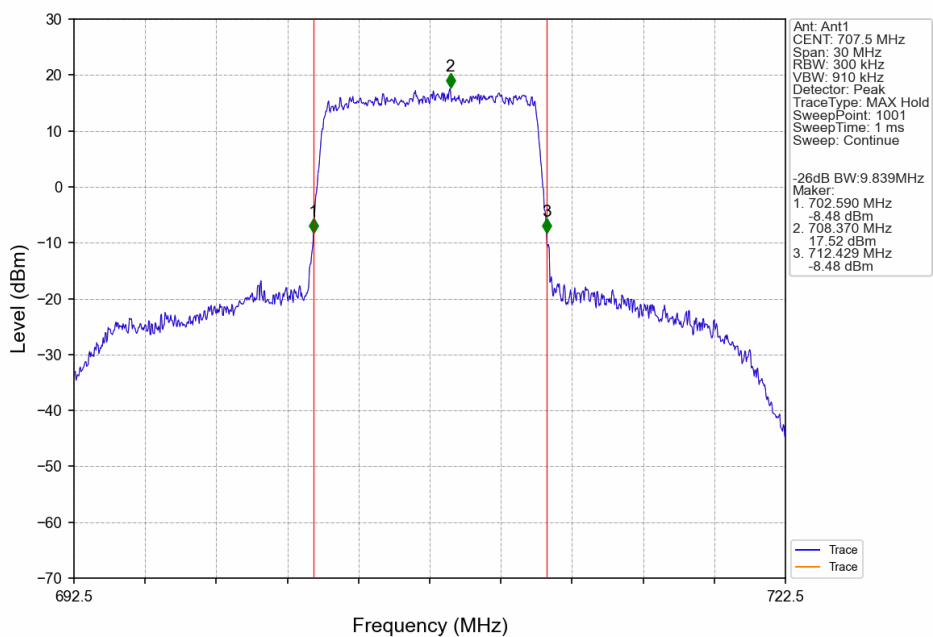
Band12 5MHz 16QAM HCH 713.5MHz RB 25 0 NTV



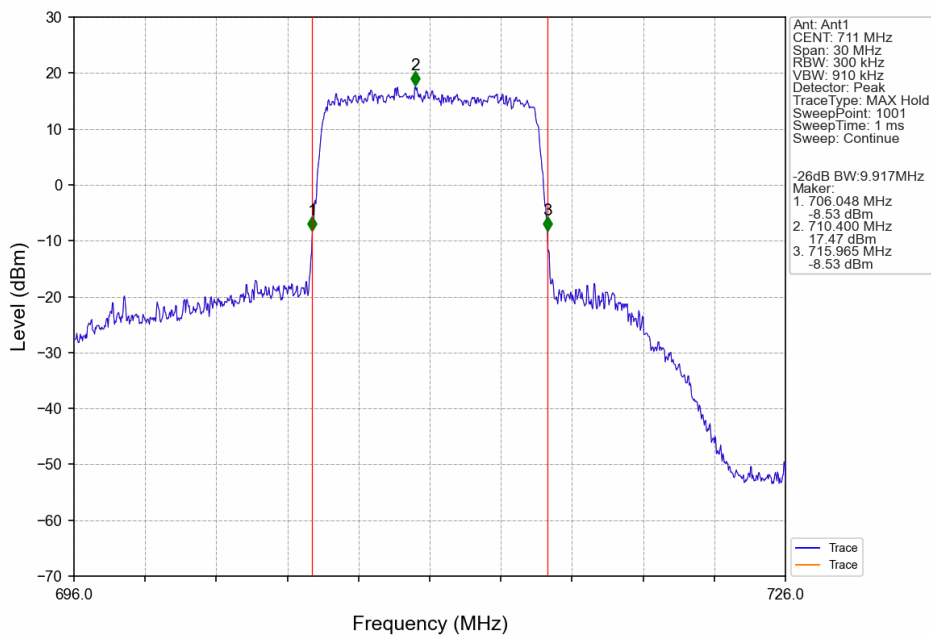
Band12 10MHz QPSK LCH 704MHz RB 50 0 NTNV



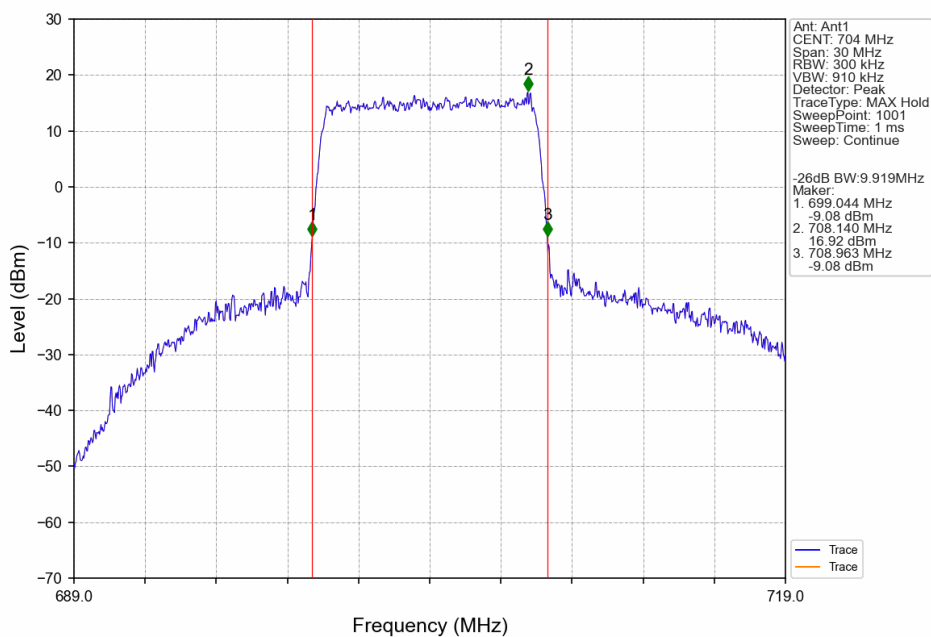
Band12 10MHz QPSK MCH 707.5MHz RB 50 0 NTNV



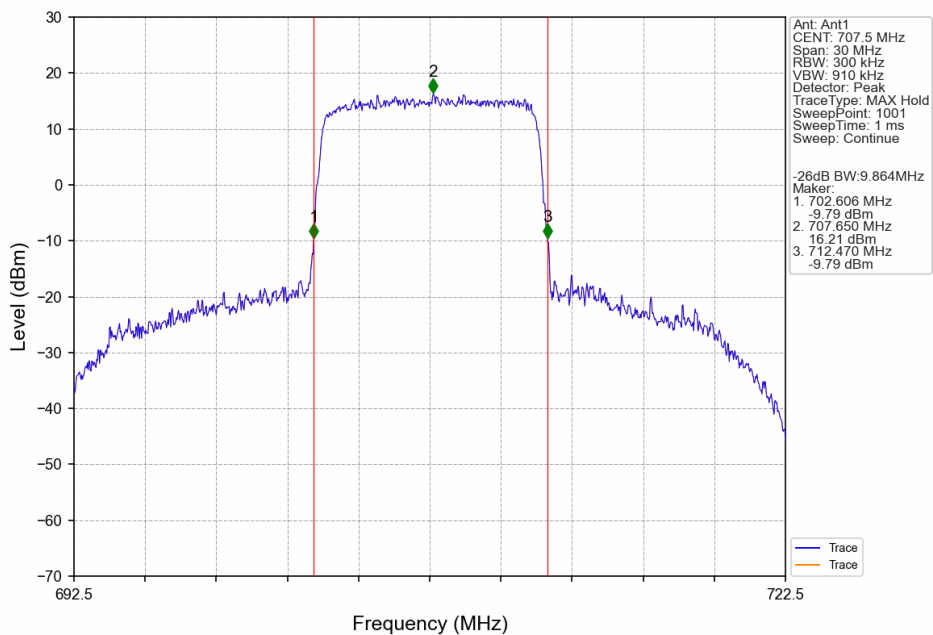
Band12 10MHz QPSK HCH 711MHz RB 50 0 NTNV



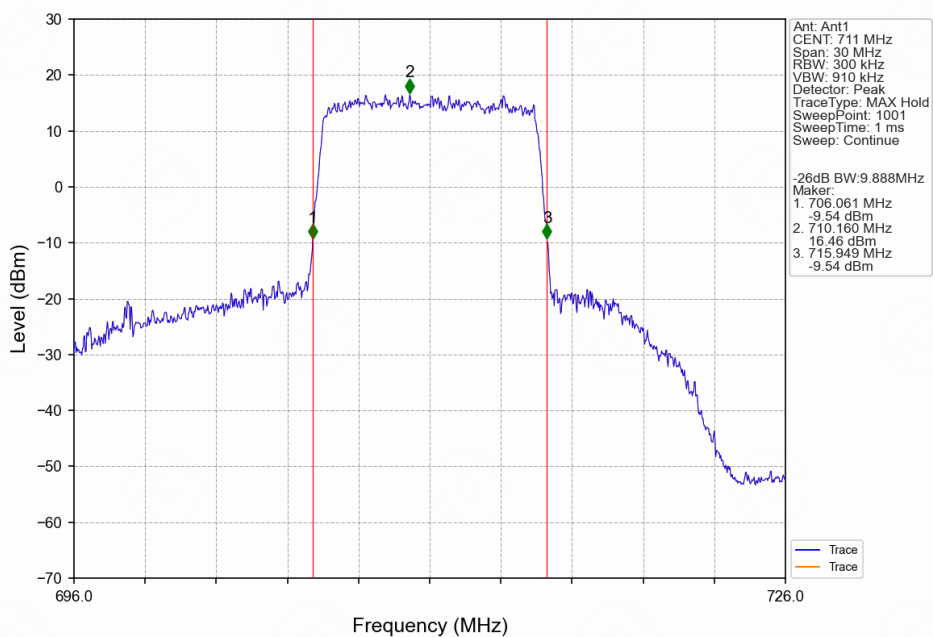
Band12 10MHz 16QAM LCH 704MHz RB 50 0 NTNV



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	5.08	<=13	Pass
	707.5	6	0	4.54	<=13	Pass
	715.3	6	0	4.48	<=13	Pass
16QAM	699.7	6	0	5.91	<=13	Pass
	707.5	6	0	5.42	<=13	Pass
	715.3	6	0	5.36	<=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	5.25	<=13	Pass
	707.5	15	0	4.71	<=13	Pass
	714.5	15	0	4.80	<=13	Pass
16QAM	700.5	15	0	6.10	<=13	Pass
	707.5	15	0	5.63	<=13	Pass
	714.5	15	0	5.69	<=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	5.38	<=13	Pass
	707.5	25	0	5.07	<=13	Pass
	713.5	25	0	5.12	<=13	Pass
16QAM	701.5	25	0	6.14	<=13	Pass
	707.5	25	0	5.82	<=13	Pass
	713.5	25	0	5.88	<=13	Pass

5.1.4 B12_10MHz

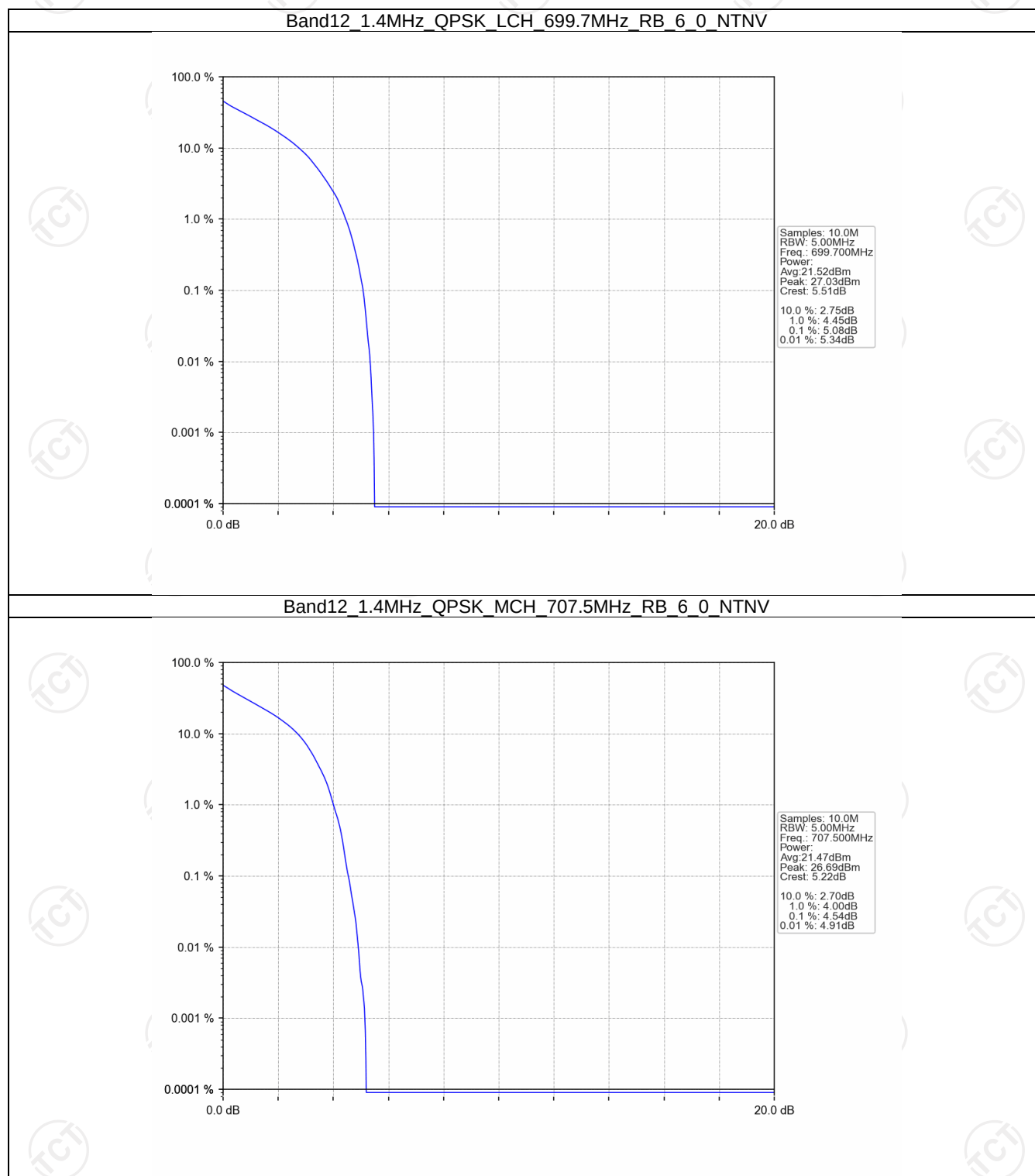
Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	704	50	0	5.21	<=13	Pass
	707.5	50	0	5.09	<=13	Pass
	711	50	0	5.07	<=13	Pass
16QAM	704	50	0	6.02	<=13	Pass
	707.5	50	0	5.94	<=13	Pass

	711	50	0	5.87	<=13	Pass
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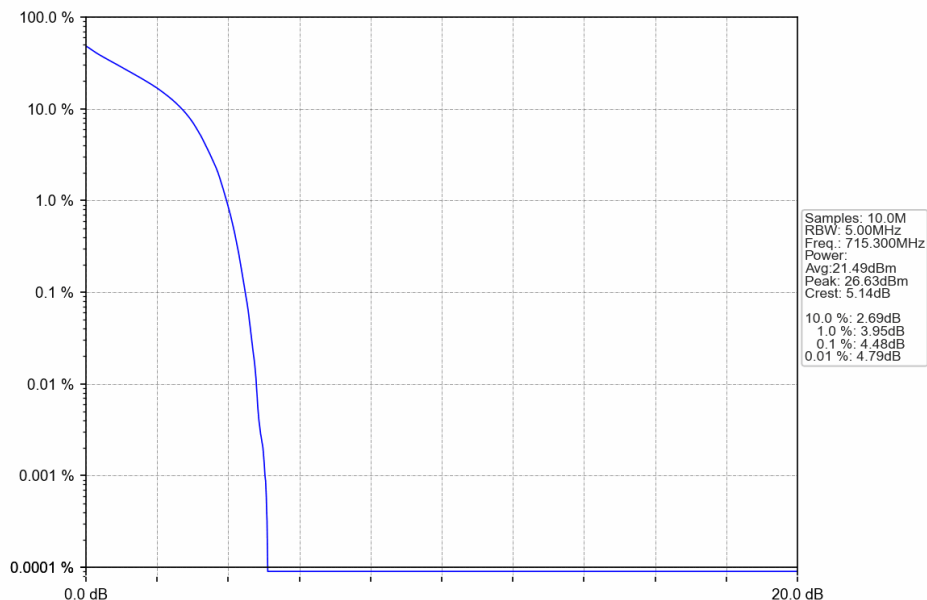


5.2 Test Graph

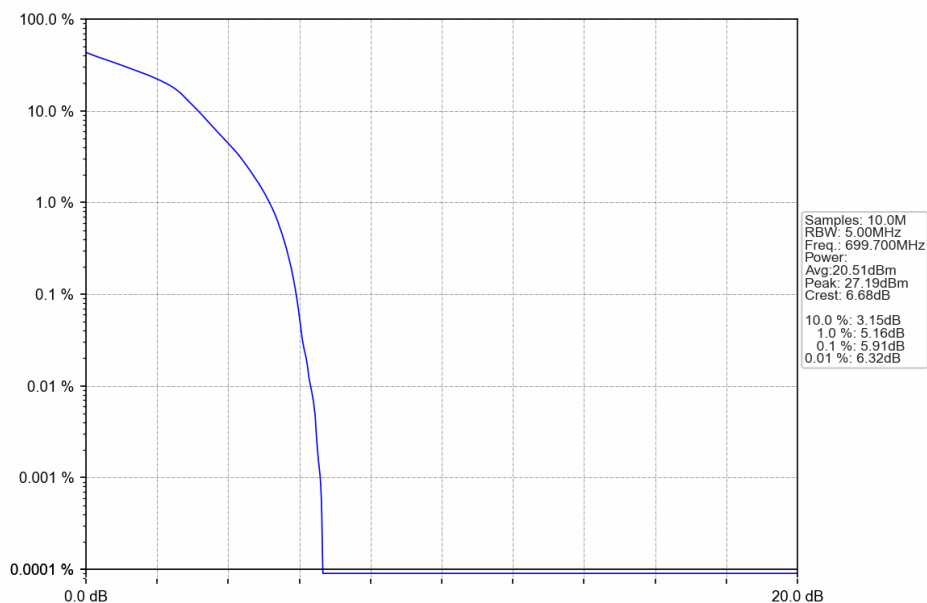
5.2.1 B12_1.4MHz



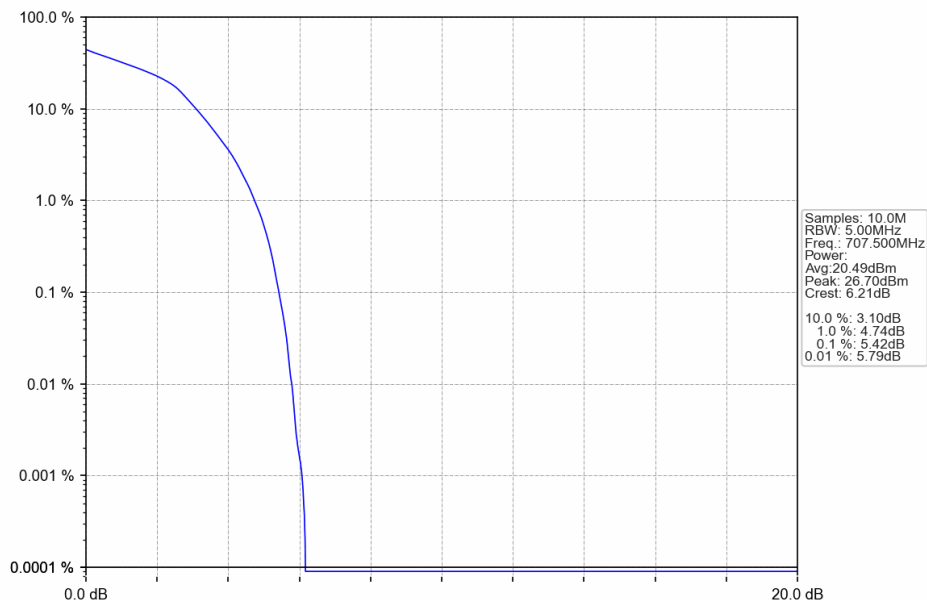
Band12 1.4MHz QPSK HCH 715.3MHz RB 6 0 NTV



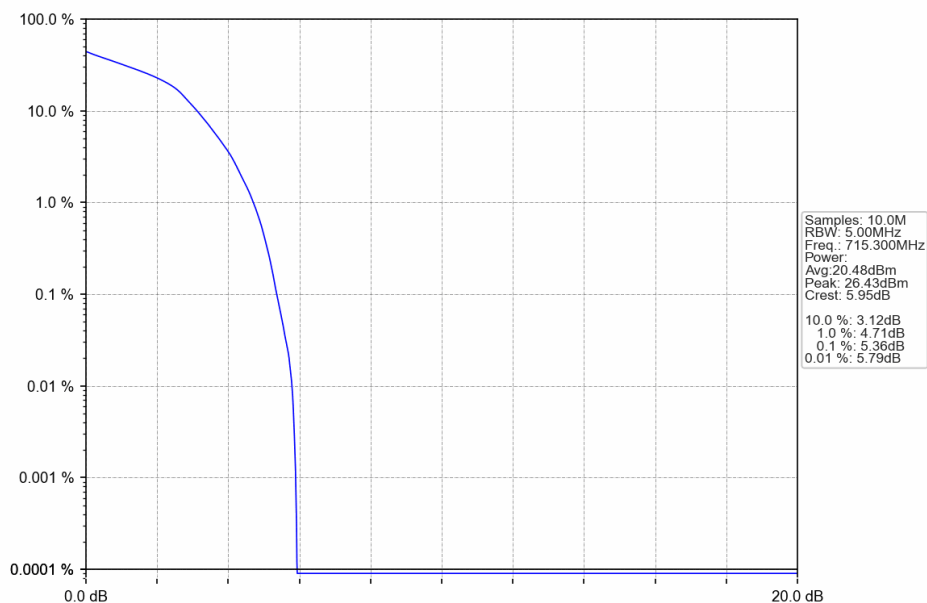
Band12 1.4MHz 16QAM LCH 699.7MHz RB 6 0 NTV



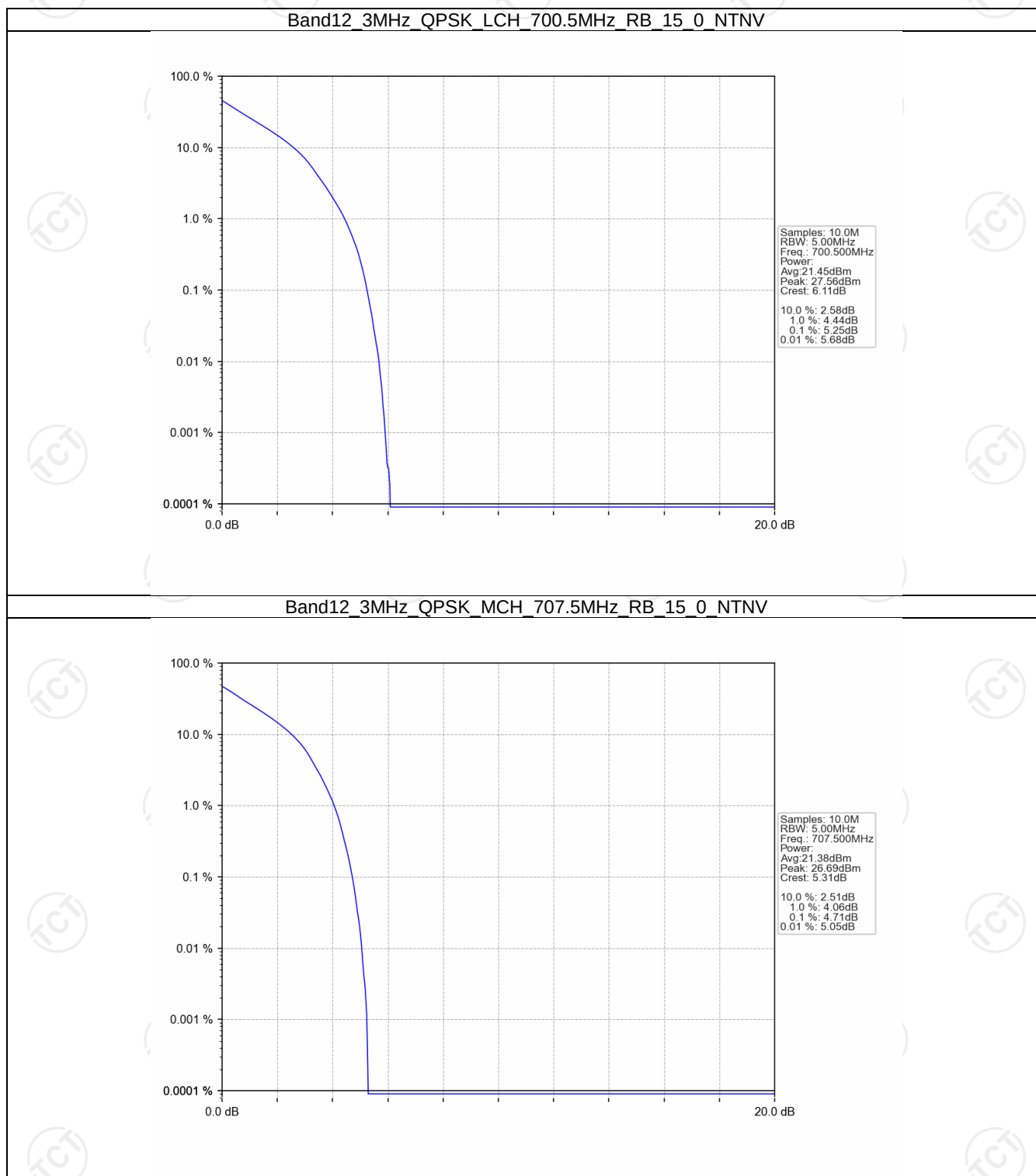
Band12 1.4MHz 16QAM MCH 707.5MHz RB 6 0 NTNV



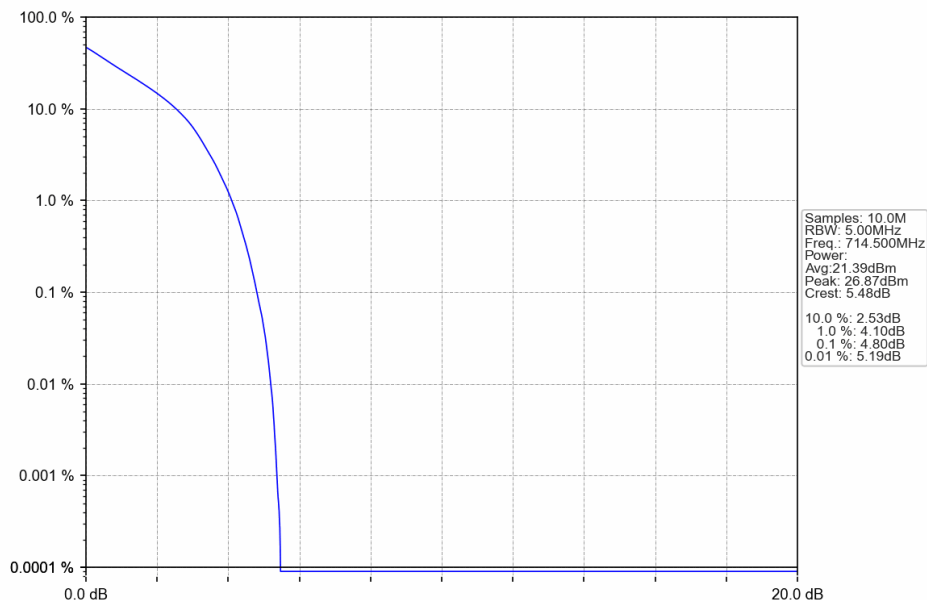
Band12 1.4MHz 16QAM HCH 715.3MHz RB 6 0 NTNV



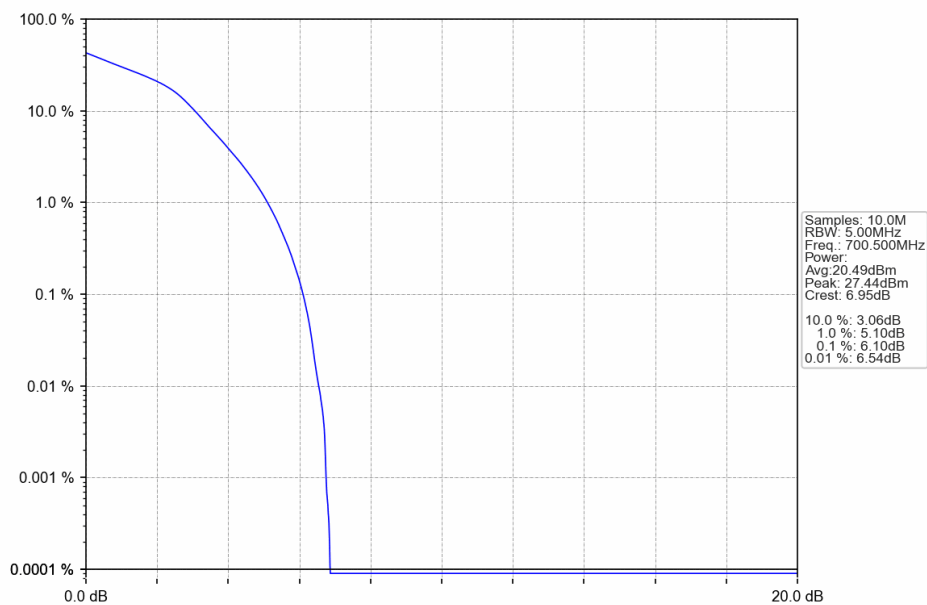
5.2.2 B12_3MHz



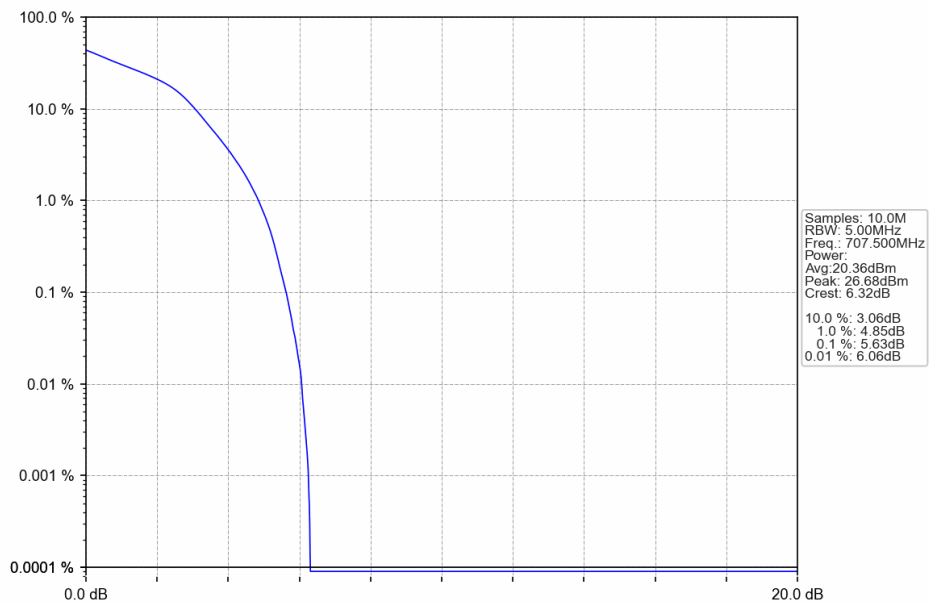
Band12 3MHz QPSK HCH 714.5MHz RB 15 0 NTV



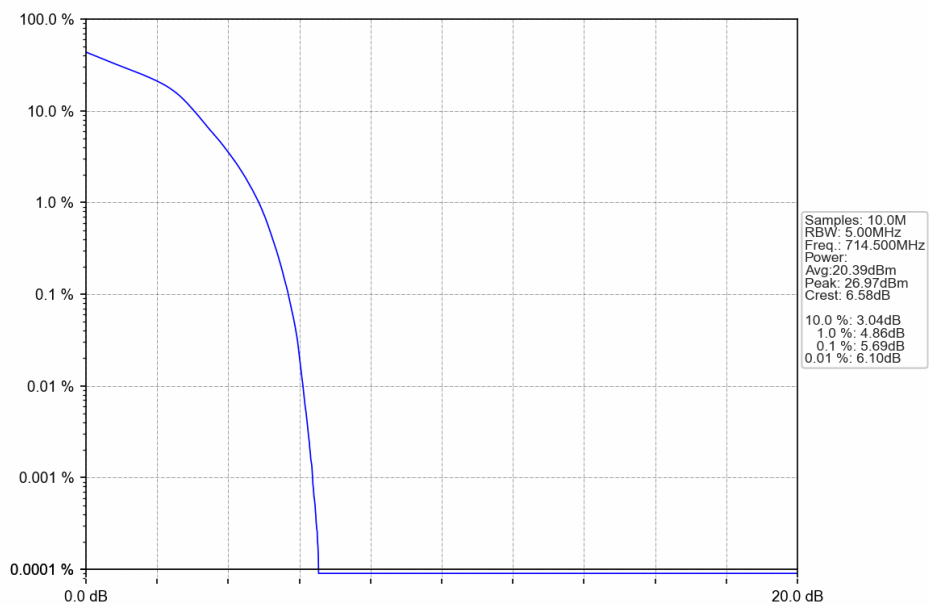
Band12 3MHz 16QAM LCH 700.5MHz RB 15 0 NTV



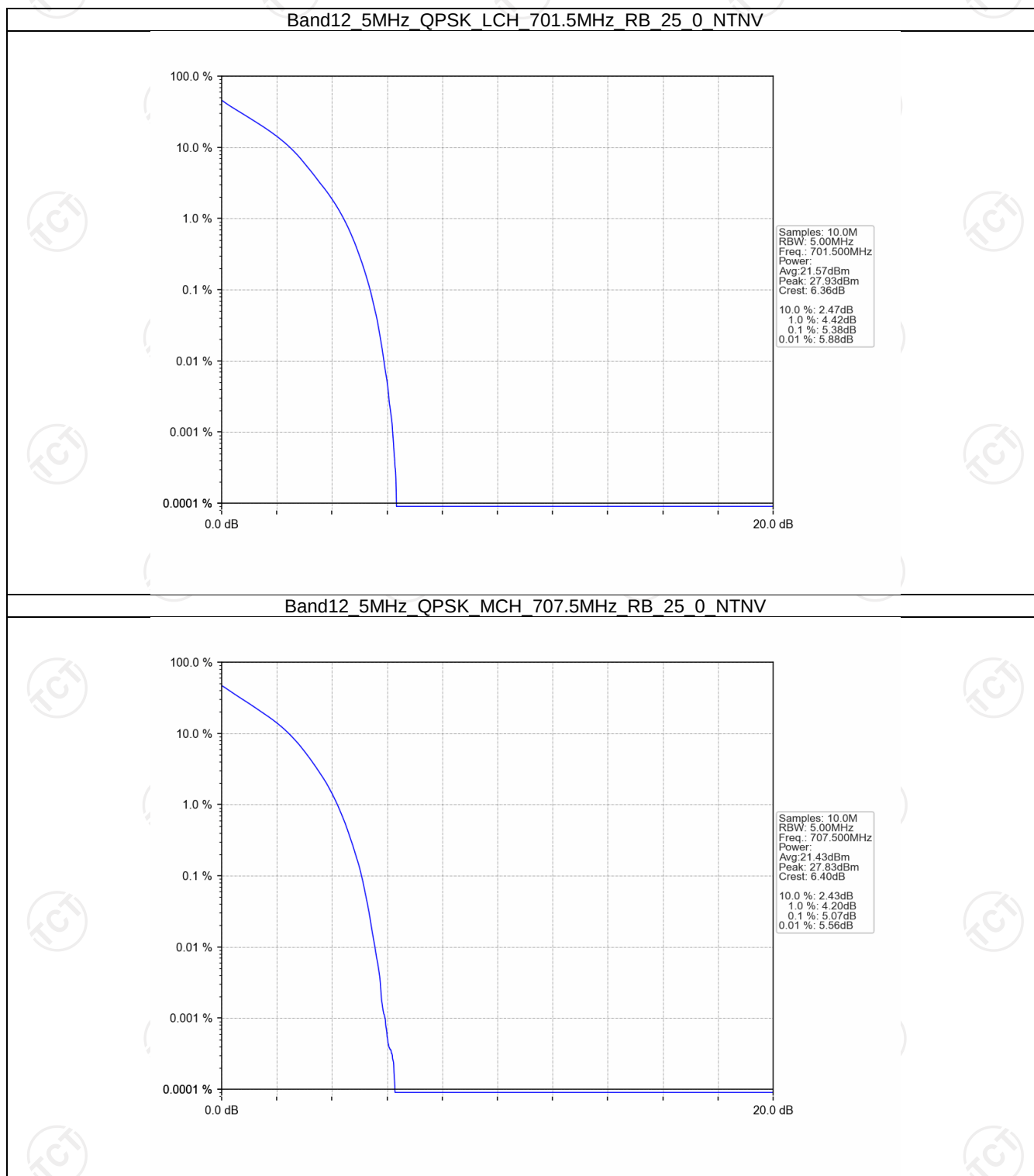
Band12 3MHz 16QAM MCH 707.5MHz RB 15 0 NTNV



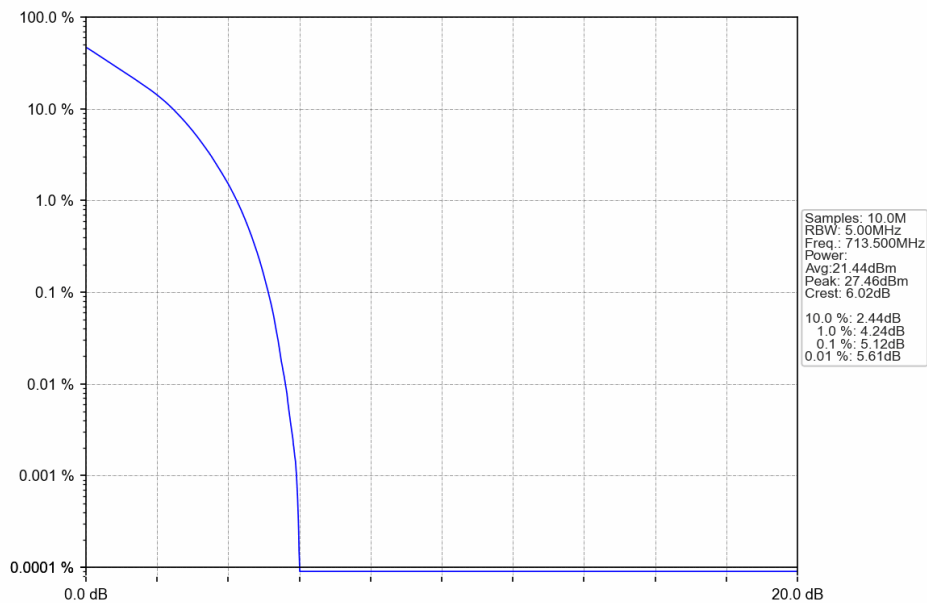
Band12 3MHz 16QAM HCH 714.5MHz RB 15 0 NTNV



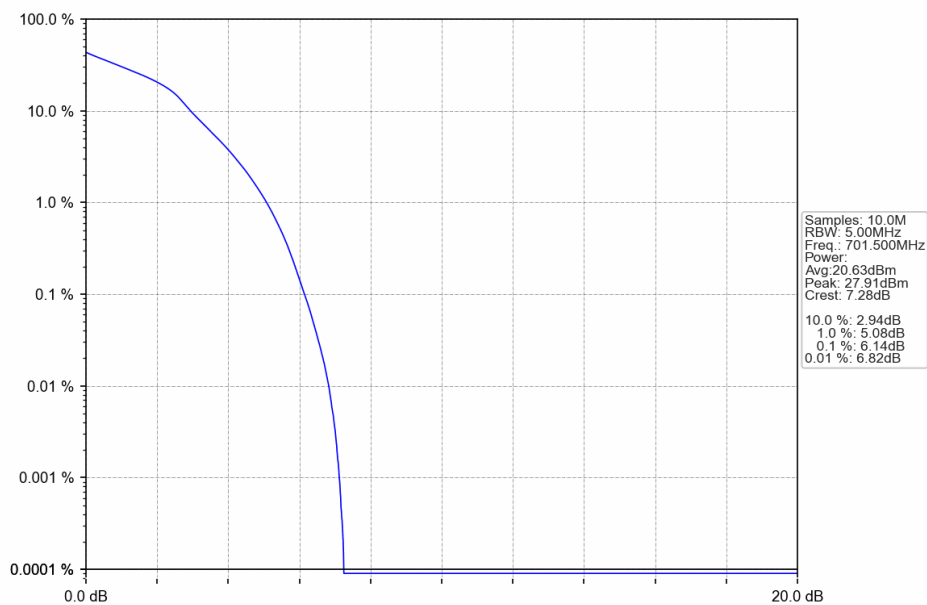
5.2.3 B12_5MHz



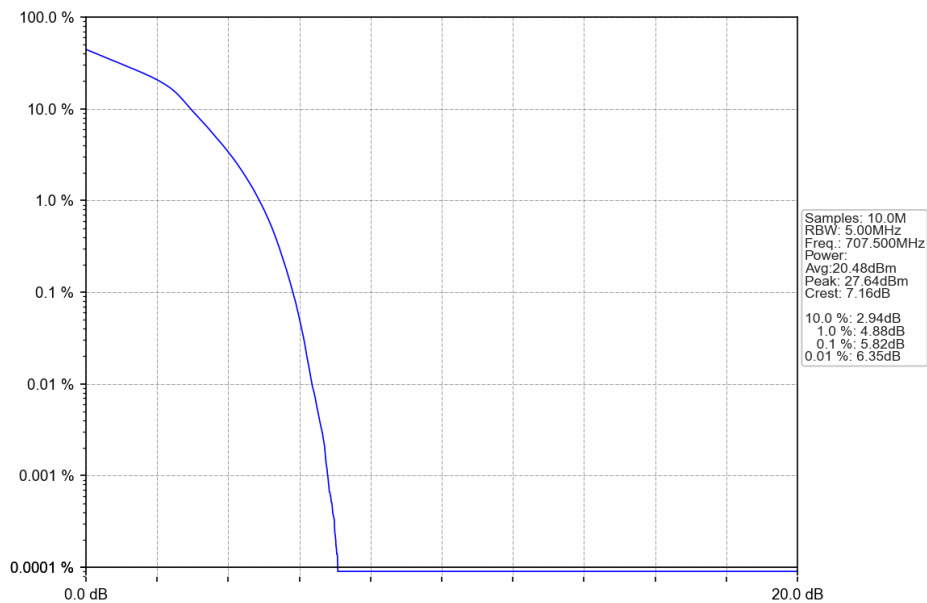
Band12 5MHz QPSK HCH 713.5MHz RB 25 0 NTV



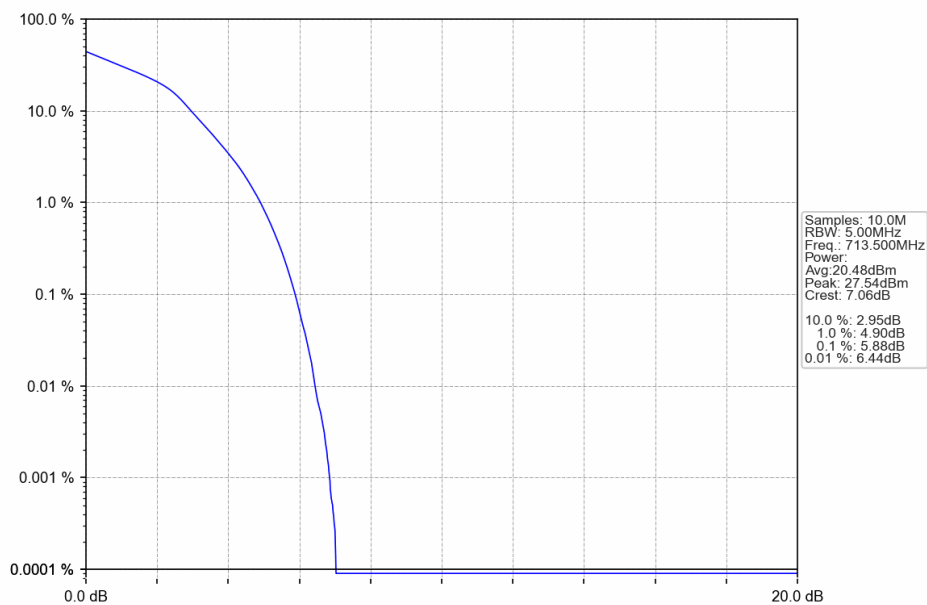
Band12 5MHz 16QAM LCH 701.5MHz RB 25 0 NTV



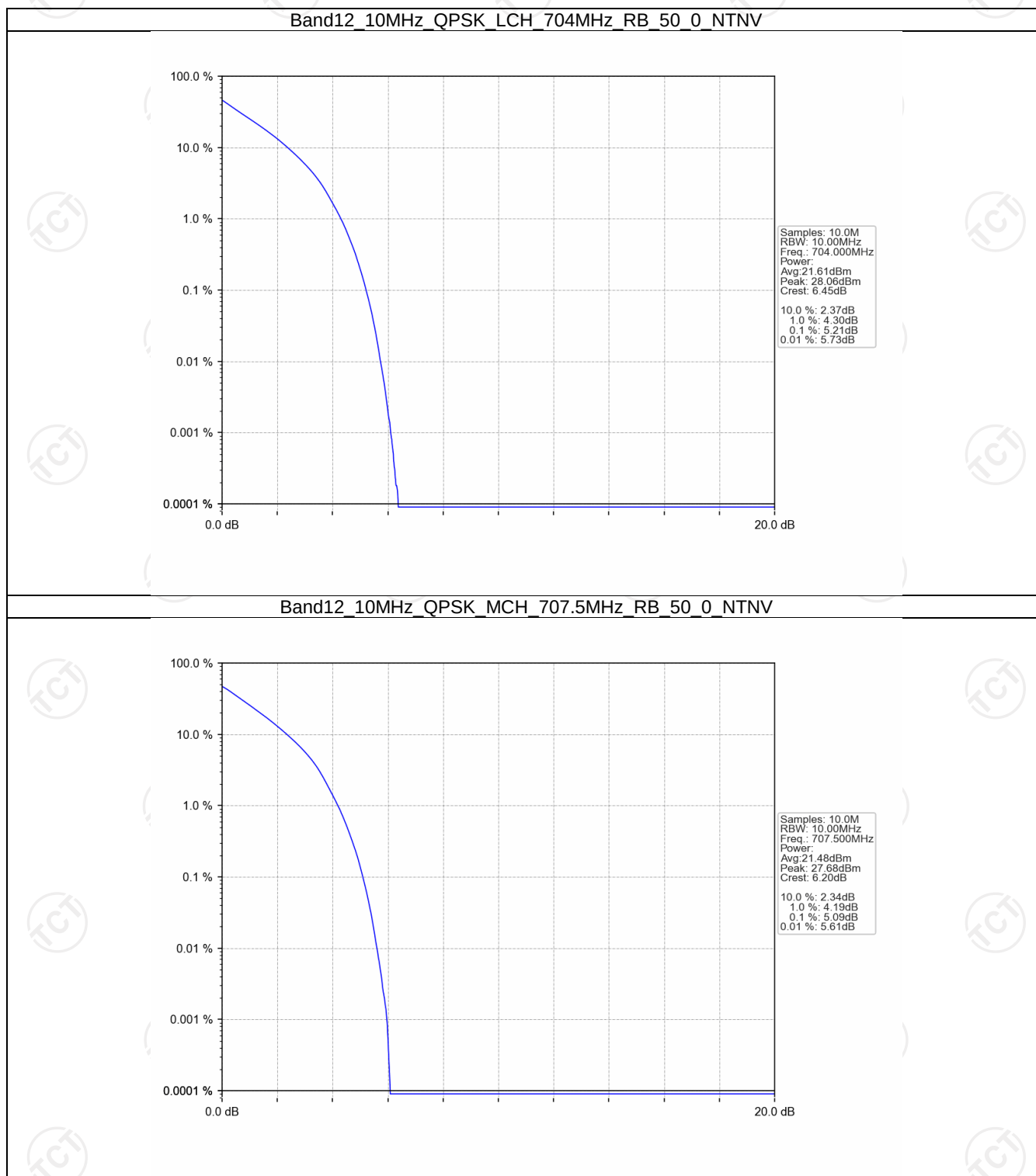
Band12 5MHz 16QAM MCH 707.5MHz RB 25 0 NTNV



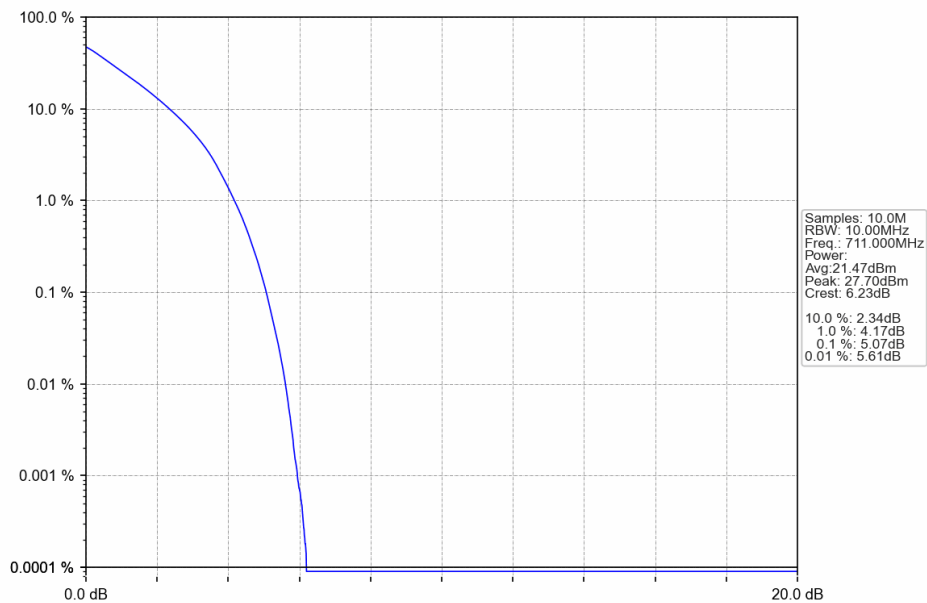
Band12 5MHz 16QAM HCH 713.5MHz RB 25 0 NTNV



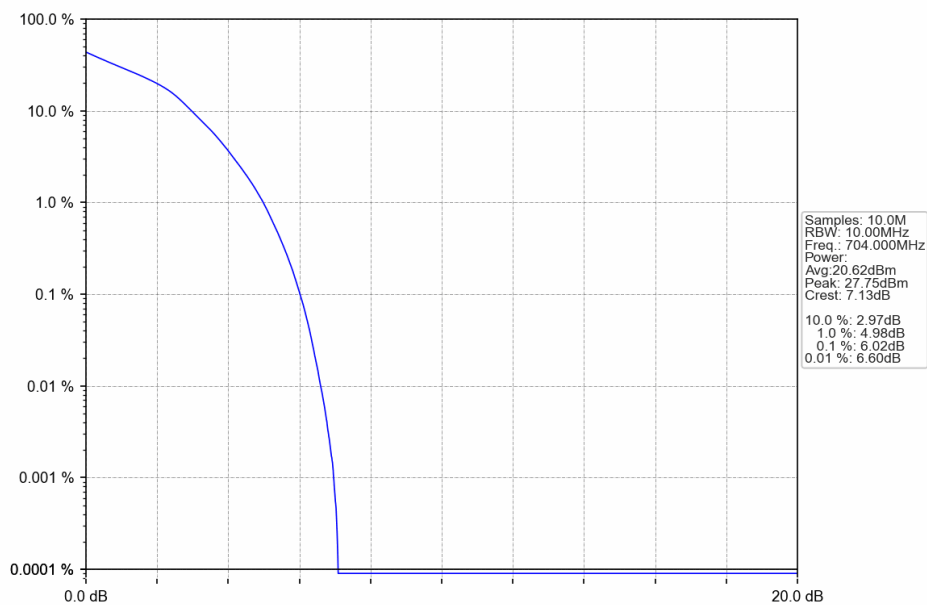
5.2.4 B12_10MHz



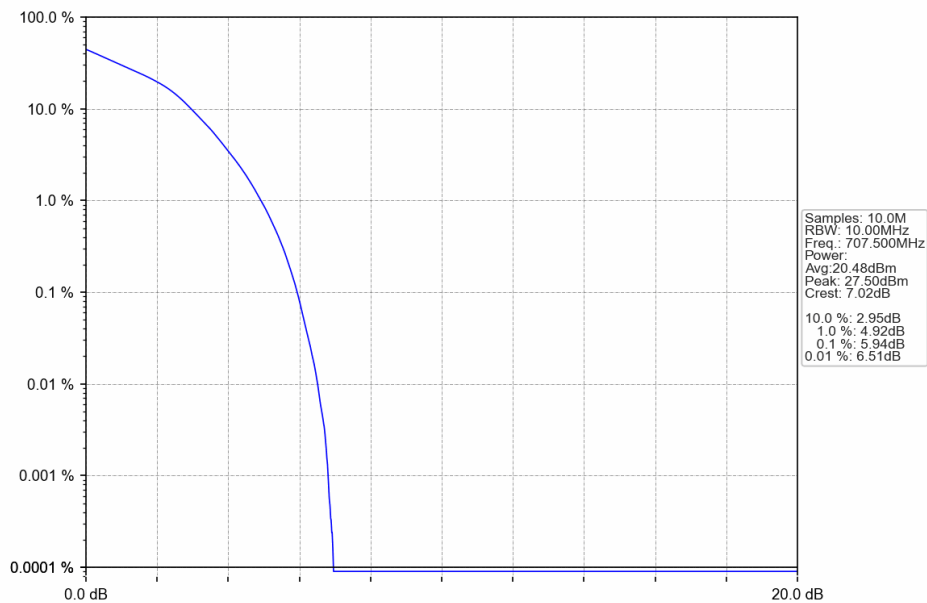
Band12 10MHz QPSK HCH 711MHz RB 50 0 NTNV



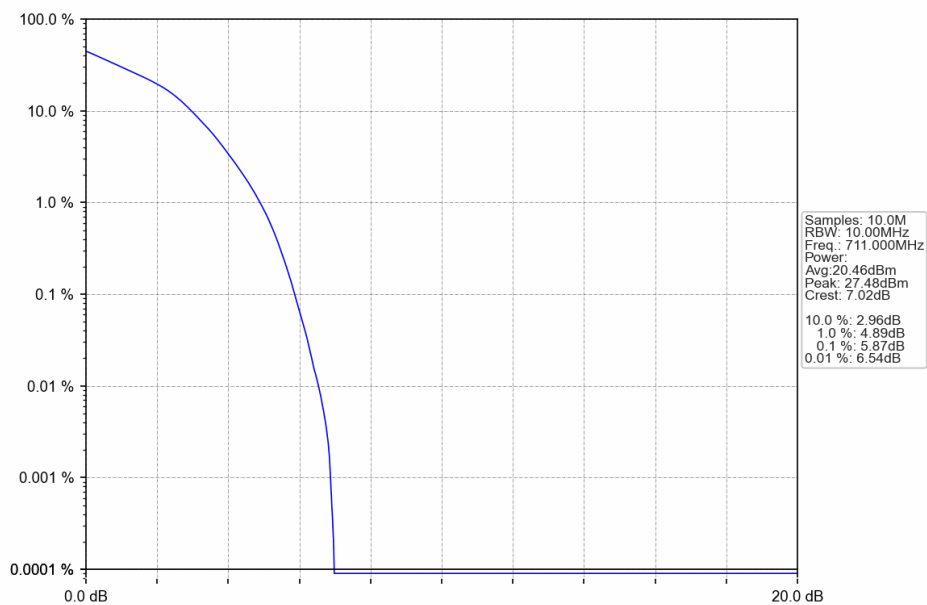
Band12 10MHz 16QAM LCH 704MHz RB 50 0 NTNV



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
		1	0	Refer To Test Graph		Pass
	715.3	1	5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
16QAM	699.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
	715.3	1	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
		1	0	Refer To Test Graph		Pass
	714.5	1	14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
16QAM	700.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
	714.5	1	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
		1	0	Refer To Test Graph		Pass
	713.5	1	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