

1. Conducted Output Power Data

1.1 B12_1.4MHz_Power

1.1.1 Test Result

Band: 12 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Limit	Verdict
		Size	Offset			
QPSK	699.7	1	0	23.10	<=34.77	Pass
			2	23.20	<=34.77	Pass
			5	23.14	<=34.77	Pass
		3	0	23.10	<=34.77	Pass
			2	23.16	<=34.77	Pass
			3	23.11	<=34.77	Pass
		6	0	22.26	<=34.77	Pass
	707.5	1	0	22.98	<=34.77	Pass
			2	23.07	<=34.77	Pass
			5	22.99	<=34.77	Pass
		3	0	23.04	<=34.77	Pass
			2	22.84	<=34.77	Pass
			3	22.67	<=34.77	Pass
		6	0	21.61	<=34.77	Pass
	715.3	1	0	22.52	<=34.77	Pass
			2	22.66	<=34.77	Pass
			5	22.58	<=34.77	Pass
		3	0	22.56	<=34.77	Pass
			2	22.63	<=34.77	Pass
			3	22.59	<=34.77	Pass
		6	0	21.58	<=34.77	Pass
16QAM	699.7	1	0	22.23	<=34.77	Pass
			2	22.33	<=34.77	Pass
			5	22.25	<=34.77	Pass
		3	0	22.05	<=34.77	Pass
			2	22.13	<=34.77	Pass
			3	22.10	<=34.77	Pass
		6	0	21.13	<=34.77	Pass
	707.5	1	0	21.49	<=34.77	Pass
			2	21.60	<=34.77	Pass
			5	21.44	<=34.77	Pass
		3	0	21.75	<=34.77	Pass
			2	21.78	<=34.77	Pass
			3	21.74	<=34.77	Pass
		6	0	20.54	<=34.77	Pass
	715.3	1	0	21.45	<=34.77	Pass
			2	21.57	<=34.77	Pass
			5	21.53	<=34.77	Pass
		3	0	21.59	<=34.77	Pass
			2	21.62	<=34.77	Pass
			3	21.59	<=34.77	Pass
		6	0	20.45	<=34.77	Pass

1.2 B12_3MHz_Power

1.2.1 Test Result

Band: 12 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Limit	Verdict
		Size	Offset			
QPSK	700.5	1	0	23.12	<=34.77	Pass
			7	23.26	<=34.77	Pass
			14	23.10	<=34.77	Pass
		8	0	22.13	<=34.77	Pass
			4	22.16	<=34.77	Pass
			7	22.13	<=34.77	Pass
		15	0	21.65	<=34.77	Pass
			0	22.61	<=34.77	Pass
			7	22.70	<=34.77	Pass
	707.5	1	14	22.53	<=34.77	Pass
			0	21.57	<=34.77	Pass
			4	21.58	<=34.77	Pass
		8	7	21.55	<=34.77	Pass
			0	21.50	<=34.77	Pass
			0	22.51	<=34.77	Pass
		1	7	22.65	<=34.77	Pass
			14	22.56	<=34.77	Pass
			0	21.49	<=34.77	Pass
16QAM	700.5	8	4	21.58	<=34.77	Pass
			7	21.53	<=34.77	Pass
			0	21.49	<=34.77	Pass
		15	0	21.56	<=34.77	Pass
			7	21.72	<=34.77	Pass
			14	21.57	<=34.77	Pass
		8	0	20.61	<=34.77	Pass
			4	20.62	<=34.77	Pass
			7	20.60	<=34.77	Pass
	707.5	15	0	20.57	<=34.77	Pass
			0	21.72	<=34.77	Pass
			7	21.81	<=34.77	Pass
		1	14	21.63	<=34.77	Pass
			0	20.48	<=34.77	Pass
			4	20.51	<=34.77	Pass
		8	7	20.49	<=34.77	Pass
			0	20.45	<=34.77	Pass
			0	21.95	<=34.77	Pass
	714.5	1	7	22.10	<=34.77	Pass
			14	22.01	<=34.77	Pass
			0	20.59	<=34.77	Pass
		8	4	20.68	<=34.77	Pass
			7	20.65	<=34.77	Pass
			0	20.50	<=34.77	Pass

1.3 B12_5MHz_Power

1.3.1 Test Result

Band: 12 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Limit	Verdict
		Size	Offset			
QPSK	701.5	1	0	22.98	<=34.77	Pass
			13	22.68	<=34.77	Pass
			24	22.52	<=34.77	Pass
		12	0	21.60	<=34.77	Pass
			6	21.58	<=34.77	Pass
			13	21.57	<=34.77	Pass
		25	0	21.55	<=34.77	Pass
			0	22.48	<=34.77	Pass
			13	22.59	<=34.77	Pass
	707.5	1	24	22.44	<=34.77	Pass
			0	21.49	<=34.77	Pass
			6	21.54	<=34.77	Pass
		12	13	21.51	<=34.77	Pass
			0	21.49	<=34.77	Pass
			0	22.42	<=34.77	Pass
		1	13	22.62	<=34.77	Pass
			24	22.55	<=34.77	Pass
			0	21.55	<=34.77	Pass
16QAM	701.5	12	6	21.51	<=34.77	Pass
			13	21.49	<=34.77	Pass
			0	21.52	<=34.77	Pass
		25	0	21.57	<=34.77	Pass
			13	21.65	<=34.77	Pass
			24	21.56	<=34.77	Pass
		1	0	20.49	<=34.77	Pass
			6	20.55	<=34.77	Pass
			13	20.57	<=34.77	Pass
	707.5	25	0	20.52	<=34.77	Pass
			0	21.69	<=34.77	Pass
			13	21.77	<=34.77	Pass
		1	24	21.64	<=34.77	Pass
			0	20.51	<=34.77	Pass
			6	20.58	<=34.77	Pass
		12	13	20.50	<=34.77	Pass
			0	20.45	<=34.77	Pass
			0	21.21	<=34.77	Pass
	713.5	1	13	21.40	<=34.77	Pass
			24	21.36	<=34.77	Pass
			0	20.50	<=34.77	Pass
		12	6	20.48	<=34.77	Pass
			13	20.49	<=34.77	Pass
			0	20.51	<=34.77	Pass
		25	0	20.51	<=34.77	Pass

1.4 B12_10MHz_Power

1.4.1 Test Result

Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Limit	Verdict
		Size	Offset			
QPSK	704	1	0	23.10	<=34.77	Pass
			25	22.72	<=34.77	Pass
			49	22.59	<=34.77	Pass
		25	0	21.56	<=34.77	Pass
			13	21.60	<=34.77	Pass
			25	21.66	<=34.77	Pass
		50	0	21.62	<=34.77	Pass
	707.5	1	0	22.58	<=34.77	Pass
			25	22.69	<=34.77	Pass
			49	22.52	<=34.77	Pass
		25	0	21.50	<=34.77	Pass
			13	21.57	<=34.77	Pass
			25	21.51	<=34.77	Pass
		50	0	21.51	<=34.77	Pass
	711	1	0	22.59	<=34.77	Pass
			25	22.63	<=34.77	Pass
			49	22.60	<=34.77	Pass
		25	0	21.50	<=34.77	Pass
			13	21.53	<=34.77	Pass
			25	21.45	<=34.77	Pass
		50	0	21.48	<=34.77	Pass
16QAM	704	1	0	21.61	<=34.77	Pass
			25	21.67	<=34.77	Pass
			49	21.52	<=34.77	Pass
		25	0	20.61	<=34.77	Pass
			13	20.67	<=34.77	Pass
			25	20.71	<=34.77	Pass
		50	0	20.59	<=34.77	Pass
	707.5	1	0	21.73	<=34.77	Pass
			25	21.80	<=34.77	Pass
			49	21.62	<=34.77	Pass
		25	0	20.44	<=34.77	Pass
			13	20.54	<=34.77	Pass
			25	20.46	<=34.77	Pass
		50	0	20.49	<=34.77	Pass
	711	1	0	22.06	<=34.77	Pass
			25	21.97	<=34.77	Pass
			49	22.04	<=34.77	Pass
		25	0	20.49	<=34.77	Pass
			13	20.52	<=34.77	Pass
			25	20.41	<=34.77	Pass
		50	0	20.44	<=34.77	Pass

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	-17.424	-0.0249	-2.5 to 2.5	Pass
					3.85	-0.472	-0.0007	-2.5 to 2.5	Pass
					4.43	-12.546	-0.0179	-2.5 to 2.5	Pass
				-30	3.85	-7.825	-0.0112	-2.5 to 2.5	Pass
				-20	3.85	-10.600	-0.0151	-2.5 to 2.5	Pass
				-10	3.85	-6.752	-0.0096	-2.5 to 2.5	Pass
				0	3.85	-9.828	-0.0140	-2.5 to 2.5	Pass
				10	3.85	-8.812	-0.0126	-2.5 to 2.5	Pass
				30	3.85	-7.095	-0.0101	-2.5 to 2.5	Pass
				40	3.85	-8.440	-0.0121	-2.5 to 2.5	Pass
				50	3.85	-6.967	-0.0100	-2.5 to 2.5	Pass
	707.5	6	0	20	3.27	-34.747	-0.0491	-2.5 to 2.5	Pass
					3.85	-1.817	-0.0026	-2.5 to 2.5	Pass
					4.43	-10.571	-0.0149	-2.5 to 2.5	Pass
				-30	3.85	1.588	0.0022	-2.5 to 2.5	Pass
				-20	3.85	-12.345	-0.0174	-2.5 to 2.5	Pass
				-10	3.85	-5.693	-0.0080	-2.5 to 2.5	Pass
				0	3.85	-7.067	-0.0100	-2.5 to 2.5	Pass
				10	3.85	-8.125	-0.0115	-2.5 to 2.5	Pass
				30	3.85	-8.211	-0.0116	-2.5 to 2.5	Pass
				40	3.85	-7.067	-0.0100	-2.5 to 2.5	Pass
				50	3.85	-6.680	-0.0094	-2.5 to 2.5	Pass
	715.3	6	0	20	3.27	-38.881	-0.0544	-2.5 to 2.5	Pass
					3.85	-6.123	-0.0086	-2.5 to 2.5	Pass
					4.43	-0.415	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-4.478	-0.0063	-2.5 to 2.5	Pass
				-20	3.85	-3.877	-0.0054	-2.5 to 2.5	Pass
				-10	3.85	-5.322	-0.0074	-2.5 to 2.5	Pass
				0	3.85	-5.908	-0.0083	-2.5 to 2.5	Pass
				10	3.85	-4.692	-0.0066	-2.5 to 2.5	Pass
				30	3.85	-2.718	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-2.589	-0.0036	-2.5 to 2.5	Pass
16QAM	699.7	6	0	20	3.27	-6.537	-0.0093	-2.5 to 2.5	Pass
					3.85	-10.042	-0.0144	-2.5 to 2.5	Pass
					4.43	-8.941	-0.0128	-2.5 to 2.5	Pass
				-30	3.85	-11.787	-0.0168	-2.5 to 2.5	Pass
				-20	3.85	-7.753	-0.0111	-2.5 to 2.5	Pass
				-10	3.85	-10.428	-0.0149	-2.5 to 2.5	Pass
				0	3.85	-12.360	-0.0177	-2.5 to 2.5	Pass
				10	3.85	-10.829	-0.0155	-2.5 to 2.5	Pass
				30	3.85	-8.483	-0.0121	-2.5 to 2.5	Pass
				40	3.85	-9.670	-0.0138	-2.5 to 2.5	Pass
				50	3.85	-12.689	-0.0181	-2.5 to 2.5	Pass
	707.5	6	0	20	3.27	-6.008	-0.0085	-2.5 to 2.5	Pass
					3.85	-8.669	-0.0123	-2.5 to 2.5	Pass
					4.43	-13.533	-0.0191	-2.5 to 2.5	Pass
				-30	3.85	-8.655	-0.0122	-2.5 to 2.5	Pass
				-20	3.85	-6.237	-0.0088	-2.5 to 2.5	Pass

				-10	3.85	-10.071	-0.0142	-2.5 to 2.5	Pass
				0	3.85	-6.080	-0.0086	-2.5 to 2.5	Pass
				10	3.85	-10.057	-0.0142	-2.5 to 2.5	Pass
				30	3.85	-10.457	-0.0148	-2.5 to 2.5	Pass
				40	3.85	-8.726	-0.0123	-2.5 to 2.5	Pass
				50	3.85	-11.230	-0.0159	-2.5 to 2.5	Pass
	715.3	6	0	20	3.27	-7.424	-0.0104	-2.5 to 2.5	Pass
					3.85	-10.242	-0.0143	-2.5 to 2.5	Pass
					4.43	-3.605	-0.0050	-2.5 to 2.5	Pass
				-30	3.85	-8.597	-0.0120	-2.5 to 2.5	Pass
				-20	3.85	-8.082	-0.0113	-2.5 to 2.5	Pass
				-10	3.85	-12.517	-0.0175	-2.5 to 2.5	Pass
				0	3.85	-2.761	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-4.320	-0.0060	-2.5 to 2.5	Pass
				30	3.85	-8.698	-0.0122	-2.5 to 2.5	Pass
				40	3.85	-7.610	-0.0106	-2.5 to 2.5	Pass
				50	3.85	-6.151	-0.0086	-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	-20.514	-0.0293	-2.5 to 2.5	Pass
					3.85	3.848	0.0055	-2.5 to 2.5	Pass
					4.43	-2.875	-0.0041	-2.5 to 2.5	Pass
				-30	3.85	-5.808	-0.0083	-2.5 to 2.5	Pass
				-20	3.85	-4.292	-0.0061	-2.5 to 2.5	Pass
				-10	3.85	-7.768	-0.0111	-2.5 to 2.5	Pass
				0	3.85	-10.357	-0.0148	-2.5 to 2.5	Pass
				10	3.85	-6.766	-0.0097	-2.5 to 2.5	Pass
				30	3.85	-7.310	-0.0104	-2.5 to 2.5	Pass
				40	3.85	-3.977	-0.0057	-2.5 to 2.5	Pass
				50	3.85	-8.712	-0.0124	-2.5 to 2.5	Pass
	707.5	15	0	20	3.27	-32.015	-0.0453	-2.5 to 2.5	Pass
					3.85	-3.891	-0.0055	-2.5 to 2.5	Pass
					4.43	-2.146	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-2.832	-0.0040	-2.5 to 2.5	Pass
				-20	3.85	-6.938	-0.0098	-2.5 to 2.5	Pass
				-10	3.85	-3.233	-0.0046	-2.5 to 2.5	Pass
				0	3.85	-3.490	-0.0049	-2.5 to 2.5	Pass
				10	3.85	-6.709	-0.0095	-2.5 to 2.5	Pass
				30	3.85	-6.137	-0.0087	-2.5 to 2.5	Pass
				40	3.85	-8.082	-0.0114	-2.5 to 2.5	Pass
				50	3.85	-4.406	-0.0062	-2.5 to 2.5	Pass
	714.5	15	0	20	3.27	-40.355	-0.0565	-2.5 to 2.5	Pass
					3.85	-2.618	-0.0037	-2.5 to 2.5	Pass
					4.43	-9.713	-0.0136	-2.5 to 2.5	Pass
				-30	3.85	-7.896	-0.0111	-2.5 to 2.5	Pass
				-20	3.85	-5.550	-0.0078	-2.5 to 2.5	Pass
				-10	3.85	0.043	0.0001	-2.5 to 2.5	Pass
				0	3.85	-7.553	-0.0106	-2.5 to 2.5	Pass
				10	3.85	-4.234	-0.0059	-2.5 to 2.5	Pass
				30	3.85	-5.279	-0.0074	-2.5 to 2.5	Pass
				40	3.85	-9.985	-0.0140	-2.5 to 2.5	Pass
16QAM	700.5	15	0	20	3.27	-5.980	-0.0085	-2.5 to 2.5	Pass
					3.85	-12.116	-0.0173	-2.5 to 2.5	Pass
					4.43	-10.257	-0.0146	-2.5 to 2.5	Pass
				-30	3.85	-4.964	-0.0071	-2.5 to 2.5	Pass
				-20	3.85	-5.636	-0.0080	-2.5 to 2.5	Pass
				-10	3.85	-5.322	-0.0076	-2.5 to 2.5	Pass
				0	3.85	-6.480	-0.0093	-2.5 to 2.5	Pass
				10	3.85	-5.336	-0.0076	-2.5 to 2.5	Pass
				30	3.85	-4.177	-0.0060	-2.5 to 2.5	Pass
				40	3.85	-8.225	-0.0117	-2.5 to 2.5	Pass
				50	3.85	-7.625	-0.0109	-2.5 to 2.5	Pass
	707.5	15	0	20	3.27	-1.717	-0.0024	-2.5 to 2.5	Pass
					3.85	-7.467	-0.0106	-2.5 to 2.5	Pass
					4.43	-7.911	-0.0112	-2.5 to 2.5	Pass
				-30	3.85	-8.011	-0.0113	-2.5 to 2.5	Pass
				-20	3.85	-6.781	-0.0096	-2.5 to 2.5	Pass
				-10	3.85	-7.567	-0.0107	-2.5 to 2.5	Pass
				0	3.85	-8.669	-0.0123	-2.5 to 2.5	Pass
				10	3.85	-10.614	-0.0150	-2.5 to 2.5	Pass

				30	3.85	-9.828	-0.0139	-2.5 to 2.5	Pass
				40	3.85	-2.933	-0.0041	-2.5 to 2.5	Pass
				50	3.85	-6.409	-0.0091	-2.5 to 2.5	Pass
	714.5	15	0	20	3.27	-0.143	-0.0002	-2.5 to 2.5	Pass
					3.85	-14.334	-0.0201	-2.5 to 2.5	Pass
					4.43	-9.913	-0.0139	-2.5 to 2.5	Pass
				-30	3.85	-11.945	-0.0167	-2.5 to 2.5	Pass
				-20	3.85	-11.730	-0.0164	-2.5 to 2.5	Pass
				-10	3.85	-8.168	-0.0114	-2.5 to 2.5	Pass
				0	3.85	-6.495	-0.0091	-2.5 to 2.5	Pass
				10	3.85	-9.885	-0.0138	-2.5 to 2.5	Pass
				30	3.85	-6.981	-0.0098	-2.5 to 2.5	Pass
				40	3.85	-6.967	-0.0098	-2.5 to 2.5	Pass
				50	3.85	-11.773	-0.0165	-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	-16.408	-0.0234	-2.5 to 2.5	Pass
					3.85	-2.747	-0.0039	-2.5 to 2.5	Pass
					4.43	-4.120	-0.0059	-2.5 to 2.5	Pass
				-30	3.85	-10.142	-0.0145	-2.5 to 2.5	Pass
				-20	3.85	-4.935	-0.0070	-2.5 to 2.5	Pass
				-10	3.85	-5.436	-0.0077	-2.5 to 2.5	Pass
				0	3.85	-3.991	-0.0057	-2.5 to 2.5	Pass
				10	3.85	-3.104	-0.0044	-2.5 to 2.5	Pass
				30	3.85	-6.666	-0.0095	-2.5 to 2.5	Pass
				40	3.85	-5.507	-0.0079	-2.5 to 2.5	Pass
				50	3.85	-6.394	-0.0091	-2.5 to 2.5	Pass
	707.5	25	0	20	3.27	-23.961	-0.0339	-2.5 to 2.5	Pass
					3.85	-3.934	-0.0056	-2.5 to 2.5	Pass
					4.43	-4.048	-0.0057	-2.5 to 2.5	Pass
				-30	3.85	-5.522	-0.0078	-2.5 to 2.5	Pass
				-20	3.85	-2.818	-0.0040	-2.5 to 2.5	Pass
				-10	3.85	-4.992	-0.0071	-2.5 to 2.5	Pass
				0	3.85	-5.121	-0.0072	-2.5 to 2.5	Pass
				10	3.85	-6.638	-0.0094	-2.5 to 2.5	Pass
				30	3.85	-6.323	-0.0089	-2.5 to 2.5	Pass
				40	3.85	-1.416	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-4.134	-0.0058	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-25.635	-0.0359	-2.5 to 2.5	Pass
					3.85	-4.921	-0.0069	-2.5 to 2.5	Pass
					4.43	-6.108	-0.0086	-2.5 to 2.5	Pass
				-30	3.85	-6.680	-0.0094	-2.5 to 2.5	Pass
				-20	3.85	-3.490	-0.0049	-2.5 to 2.5	Pass
				-10	3.85	-7.954	-0.0111	-2.5 to 2.5	Pass
				0	3.85	-3.390	-0.0048	-2.5 to 2.5	Pass
				10	3.85	-6.037	-0.0085	-2.5 to 2.5	Pass
				30	3.85	-7.768	-0.0109	-2.5 to 2.5	Pass
				40	3.85	-6.580	-0.0092	-2.5 to 2.5	Pass
16QAM	701.5	25	0	20	3.27	-4.191	-0.0060	-2.5 to 2.5	Pass
					3.85	-13.776	-0.0196	-2.5 to 2.5	Pass
					4.43	-6.280	-0.0090	-2.5 to 2.5	Pass
				-30	3.85	-4.234	-0.0060	-2.5 to 2.5	Pass
				-20	3.85	-3.934	-0.0056	-2.5 to 2.5	Pass
				-10	3.85	-8.469	-0.0121	-2.5 to 2.5	Pass
				0	3.85	-7.253	-0.0103	-2.5 to 2.5	Pass
				10	3.85	-4.778	-0.0068	-2.5 to 2.5	Pass
				30	3.85	-5.779	-0.0082	-2.5 to 2.5	Pass
				40	3.85	-4.649	-0.0066	-2.5 to 2.5	Pass
				50	3.85	-4.892	-0.0070	-2.5 to 2.5	Pass
	707.5	25	0	20	3.27	-1.960	-0.0028	-2.5 to 2.5	Pass
					3.85	-8.268	-0.0117	-2.5 to 2.5	Pass
					4.43	-8.254	-0.0117	-2.5 to 2.5	Pass
				-30	3.85	-7.210	-0.0102	-2.5 to 2.5	Pass
				-20	3.85	-10.300	-0.0146	-2.5 to 2.5	Pass
				-10	3.85	-7.982	-0.0113	-2.5 to 2.5	Pass
				0	3.85	-8.483	-0.0120	-2.5 to 2.5	Pass
				10	3.85	-10.557	-0.0149	-2.5 to 2.5	Pass

				30	3.85	-9.255	-0.0131	-2.5 to 2.5	Pass
				40	3.85	-11.172	-0.0158	-2.5 to 2.5	Pass
				50	3.85	-4.020	-0.0057	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-3.033	-0.0043	-2.5 to 2.5	Pass
					3.85	-10.014	-0.0140	-2.5 to 2.5	Pass
					4.43	-10.757	-0.0151	-2.5 to 2.5	Pass
				-30	3.85	-9.284	-0.0130	-2.5 to 2.5	Pass
				-20	3.85	-4.134	-0.0058	-2.5 to 2.5	Pass
				-10	3.85	-6.552	-0.0092	-2.5 to 2.5	Pass
				0	3.85	-7.482	-0.0105	-2.5 to 2.5	Pass
				10	3.85	-7.353	-0.0103	-2.5 to 2.5	Pass
				30	3.85	-6.509	-0.0091	-2.5 to 2.5	Pass
				40	3.85	-6.080	-0.0085	-2.5 to 2.5	Pass
				50	3.85	-10.786	-0.0151	-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	-13.947	-0.0198	-2.5 to 2.5	Pass
					3.85	-6.366	-0.0090	-2.5 to 2.5	Pass
					4.43	-7.553	-0.0107	-2.5 to 2.5	Pass
				-30	3.85	-11.072	-0.0157	-2.5 to 2.5	Pass
				-20	3.85	-5.879	-0.0084	-2.5 to 2.5	Pass
				-10	3.85	-7.081	-0.0101	-2.5 to 2.5	Pass
				0	3.85	-3.920	-0.0056	-2.5 to 2.5	Pass
				10	3.85	-3.519	-0.0050	-2.5 to 2.5	Pass
				30	3.85	-6.194	-0.0088	-2.5 to 2.5	Pass
				40	3.85	-8.569	-0.0122	-2.5 to 2.5	Pass
				50	3.85	-5.651	-0.0080	-2.5 to 2.5	Pass
	707.5	50	0	20	3.27	-23.847	-0.0337	-2.5 to 2.5	Pass
					3.85	-3.633	-0.0051	-2.5 to 2.5	Pass
					4.43	-5.994	-0.0085	-2.5 to 2.5	Pass
				-30	3.85	-3.061	-0.0043	-2.5 to 2.5	Pass
				-20	3.85	-6.638	-0.0094	-2.5 to 2.5	Pass
				-10	3.85	-6.309	-0.0089	-2.5 to 2.5	Pass
				0	3.85	-5.765	-0.0081	-2.5 to 2.5	Pass
				10	3.85	-3.891	-0.0055	-2.5 to 2.5	Pass
				30	3.85	-6.609	-0.0093	-2.5 to 2.5	Pass
				40	3.85	-5.479	-0.0077	-2.5 to 2.5	Pass
				50	3.85	-3.376	-0.0048	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-21.172	-0.0298	-2.5 to 2.5	Pass
					3.85	-3.963	-0.0056	-2.5 to 2.5	Pass
					4.43	-5.465	-0.0077	-2.5 to 2.5	Pass
				-30	3.85	-9.069	-0.0128	-2.5 to 2.5	Pass
				-20	3.85	-5.221	-0.0073	-2.5 to 2.5	Pass
				-10	3.85	-7.195	-0.0101	-2.5 to 2.5	Pass
				0	3.85	-28.610	-0.0402	-2.5 to 2.5	Pass
				10	3.85	-6.366	-0.0090	-2.5 to 2.5	Pass
				30	3.85	-5.107	-0.0072	-2.5 to 2.5	Pass
				40	3.85	-4.206	-0.0059	-2.5 to 2.5	Pass
16QAM	704	50	0	20	3.27	-4.048	-0.0058	-2.5 to 2.5	Pass
					3.85	-5.407	-0.0077	-2.5 to 2.5	Pass
					4.43	-7.896	-0.0112	-2.5 to 2.5	Pass
				-30	3.85	-4.907	-0.0070	-2.5 to 2.5	Pass
				-20	3.85	-5.579	-0.0079	-2.5 to 2.5	Pass
				-10	3.85	-5.751	-0.0082	-2.5 to 2.5	Pass
				0	3.85	-4.320	-0.0061	-2.5 to 2.5	Pass
				10	3.85	-3.576	-0.0051	-2.5 to 2.5	Pass
				30	3.85	-4.306	-0.0061	-2.5 to 2.5	Pass
				40	3.85	-7.381	-0.0105	-2.5 to 2.5	Pass
				50	3.85	-8.912	-0.0127	-2.5 to 2.5	Pass
	707.5	50	0	20	3.27	-2.890	-0.0041	-2.5 to 2.5	Pass
					3.85	-8.297	-0.0117	-2.5 to 2.5	Pass
					4.43	-11.258	-0.0159	-2.5 to 2.5	Pass
				-30	3.85	-4.821	-0.0068	-2.5 to 2.5	Pass
				-20	3.85	-8.512	-0.0120	-2.5 to 2.5	Pass
				-10	3.85	-8.240	-0.0116	-2.5 to 2.5	Pass
				0	3.85	-2.875	-0.0041	-2.5 to 2.5	Pass
				10	3.85	-4.506	-0.0064	-2.5 to 2.5	Pass

				30	3.85	-3.076	-0.0043	-2.5 to 2.5	Pass
				40	3.85	-6.852	-0.0097	-2.5 to 2.5	Pass
				50	3.85	-7.339	-0.0104	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-4.878	-0.0069	-2.5 to 2.5	Pass
					3.85	-9.041	-0.0127	-2.5 to 2.5	Pass
					4.43	-17.323	-0.0244	-2.5 to 2.5	Pass
				-30	3.85	-5.722	-0.0080	-2.5 to 2.5	Pass
				-20	3.85	-7.739	-0.0109	-2.5 to 2.5	Pass
				-10	3.85	-8.140	-0.0114	-2.5 to 2.5	Pass
				0	3.85	-5.107	-0.0072	-2.5 to 2.5	Pass
				10	3.85	-8.054	-0.0113	-2.5 to 2.5	Pass
				30	3.85	-7.997	-0.0112	-2.5 to 2.5	Pass
				40	3.85	4.935	0.0069	-2.5 to 2.5	Pass
				50	3.85	-7.339	-0.0103	-2.5 to 2.5	Pass

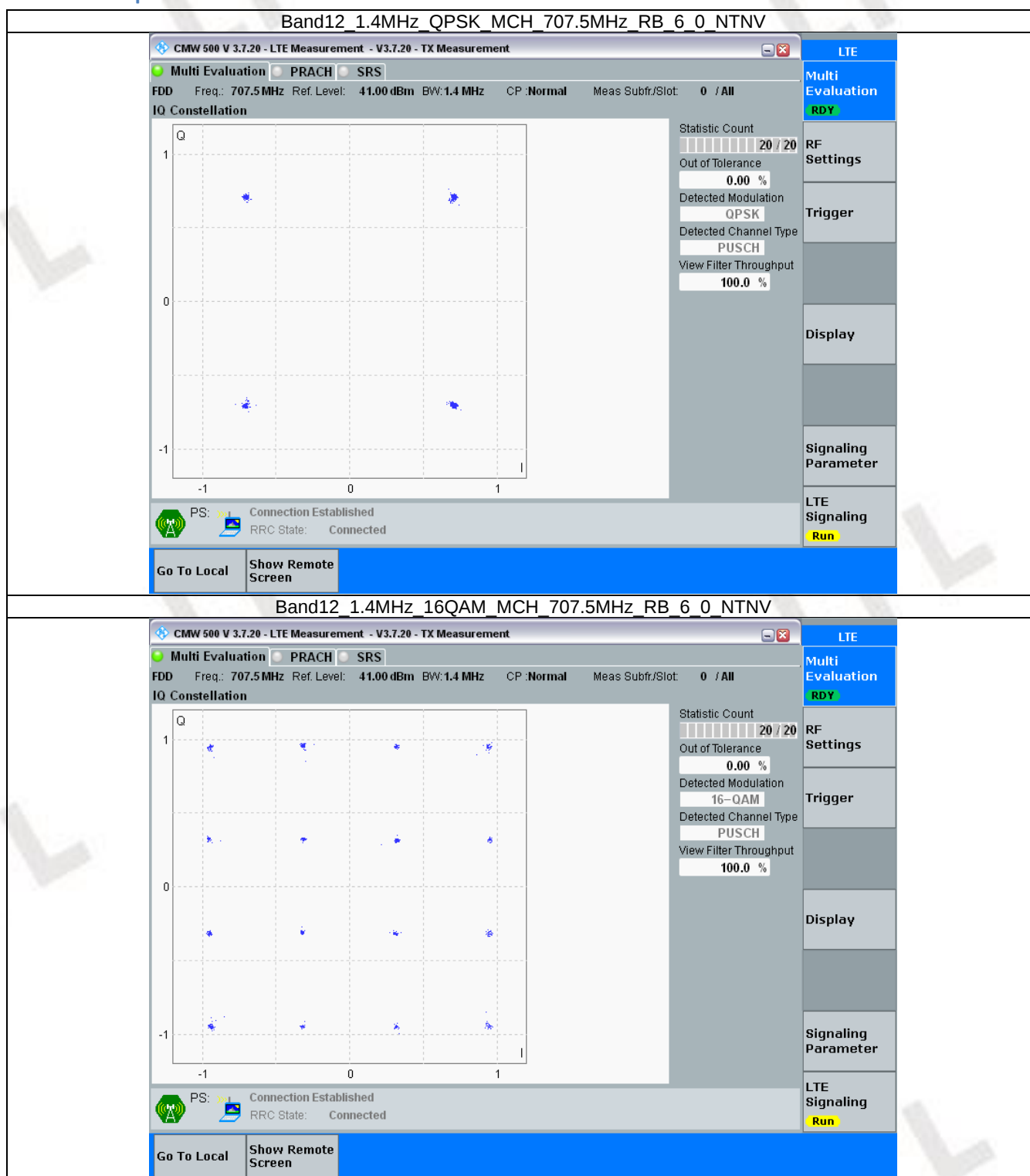
3. Modulation Characteristics

3.1 B12_1.4MHz

3.1.1 Test Result

Band: 12 / Bandwidth: 1.4MHz / NTN						
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

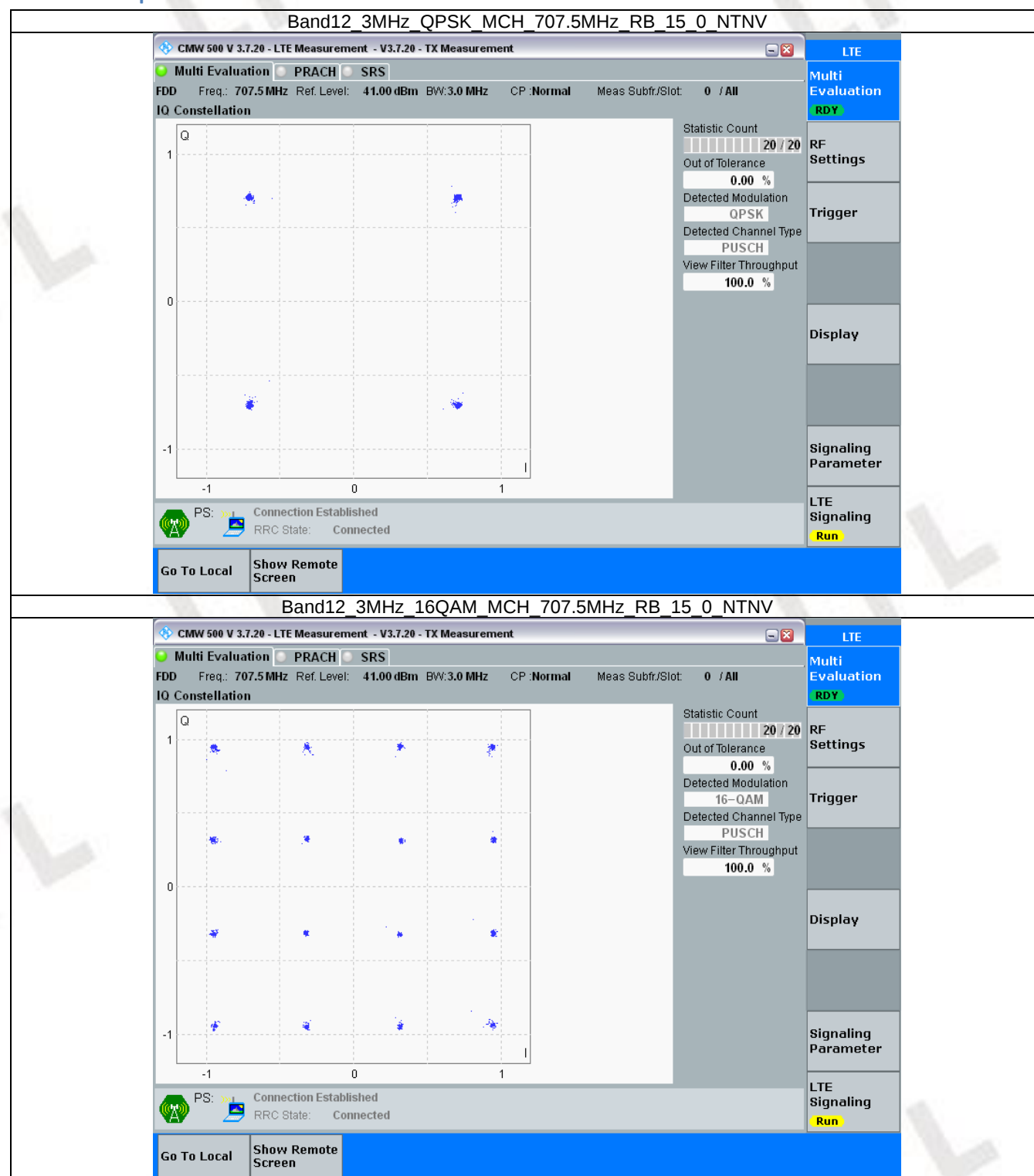


3.2 B12_3MHz

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

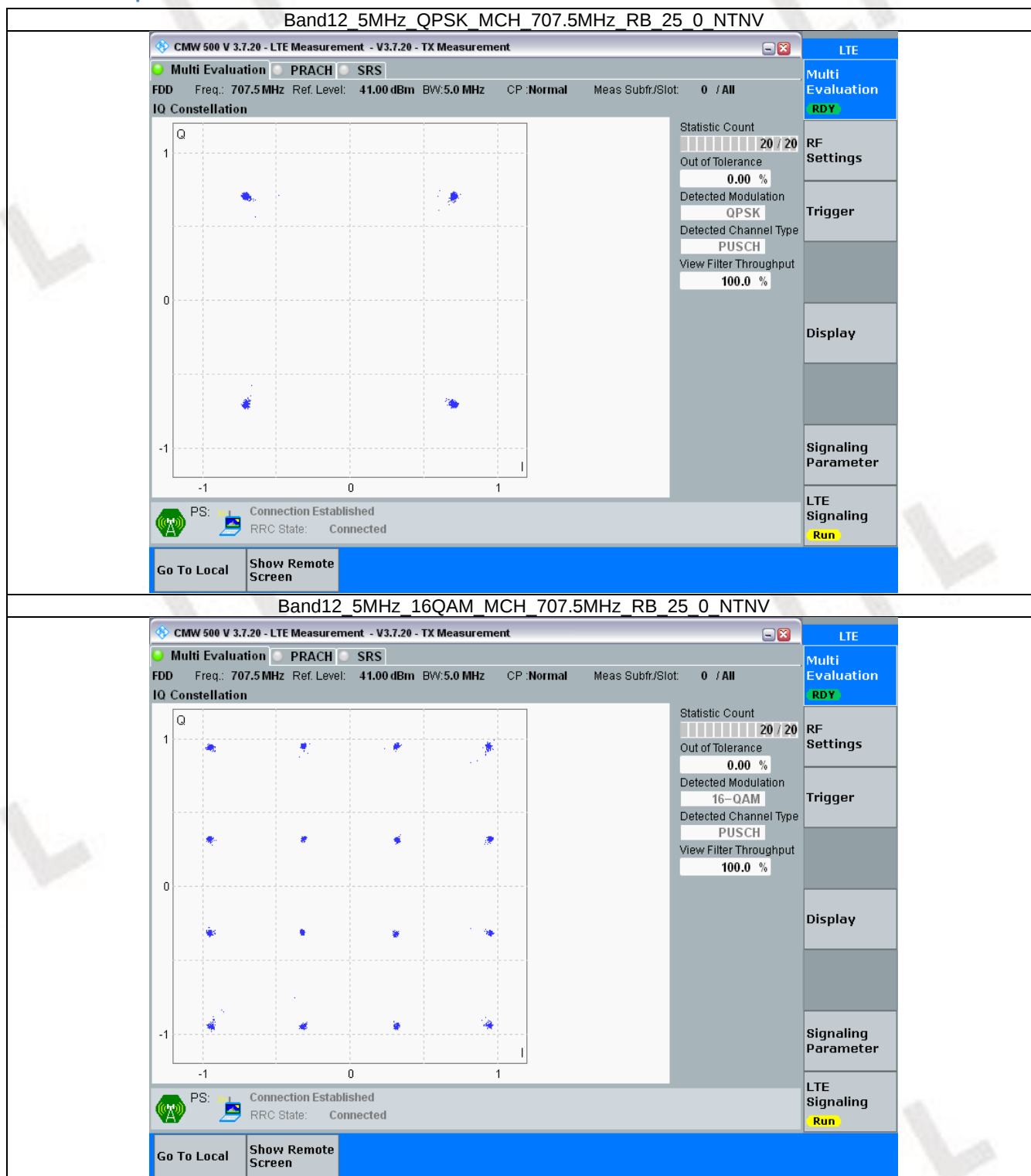


3.3 B12_5MHz

3.3.1 Test Result

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

3.3.2 Test Graph

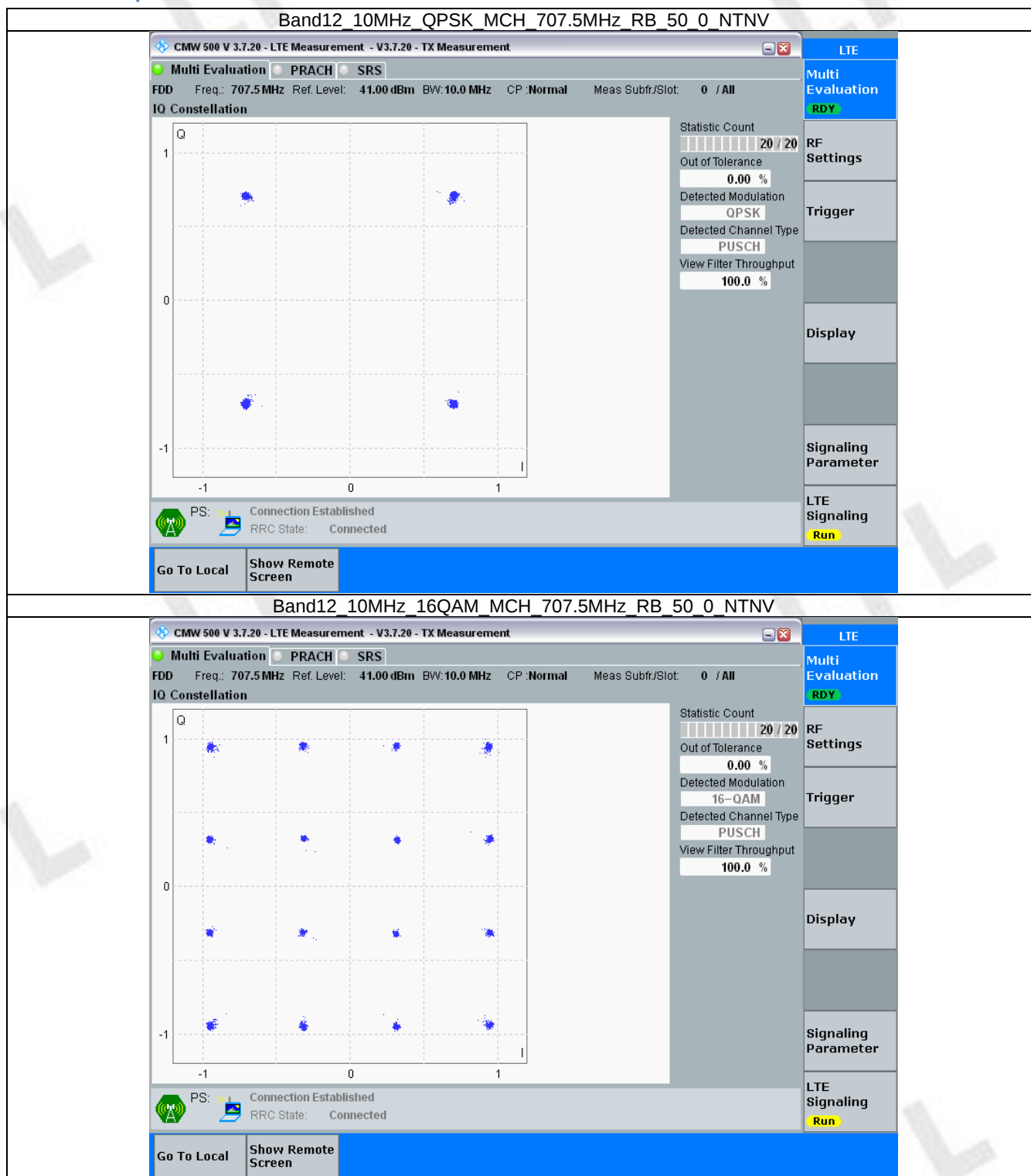


3.4 B12_10MHz

3.4.1 Test Result

Band: 12 / Bandwidth: 10MHz / NTVN						
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



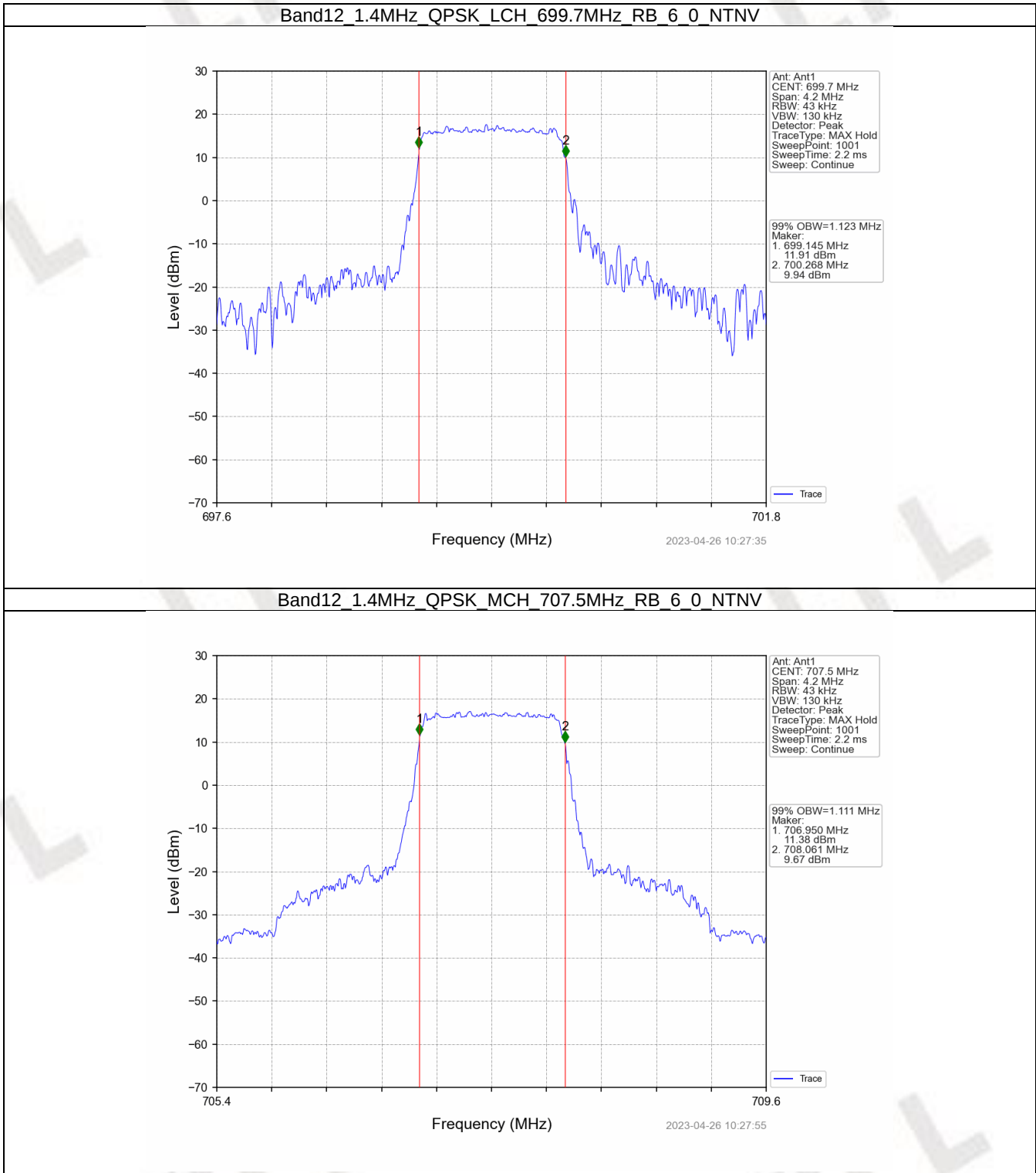
4. 99% & 26dB Bandwidth

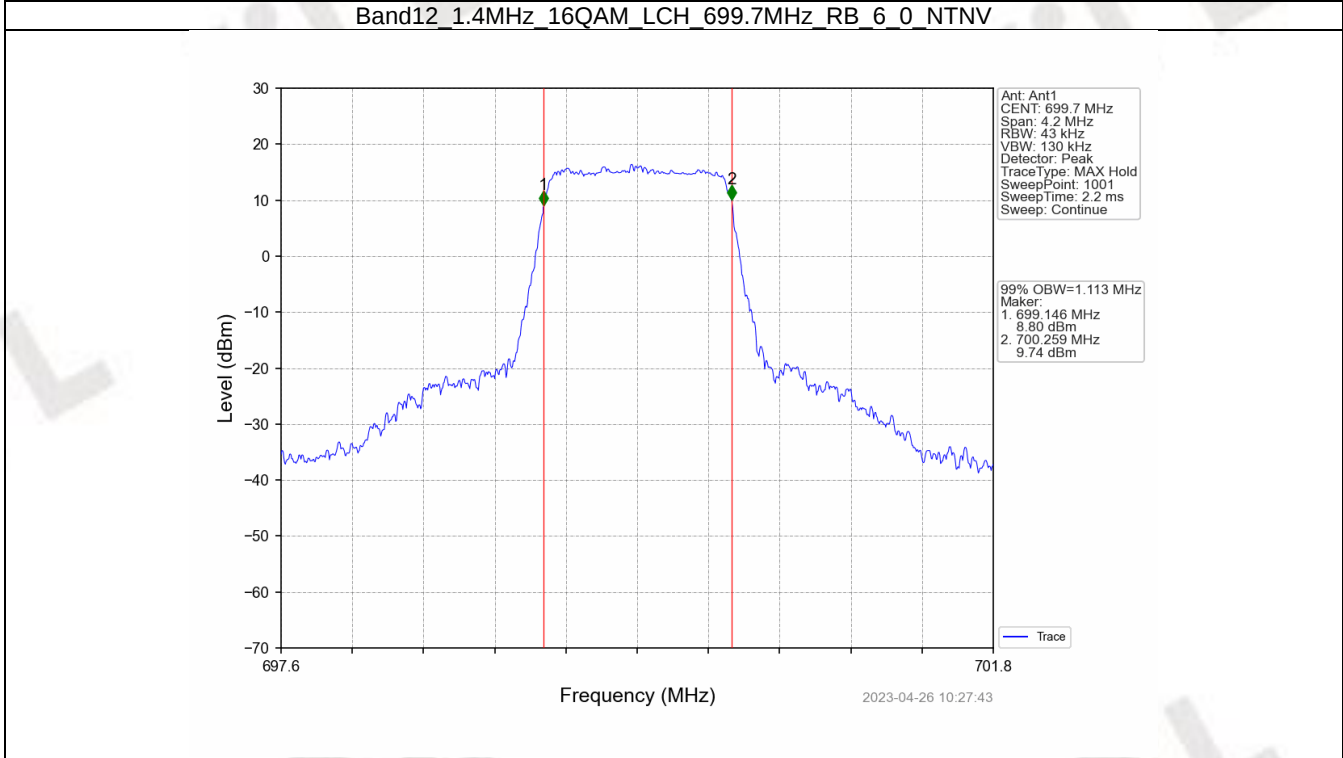
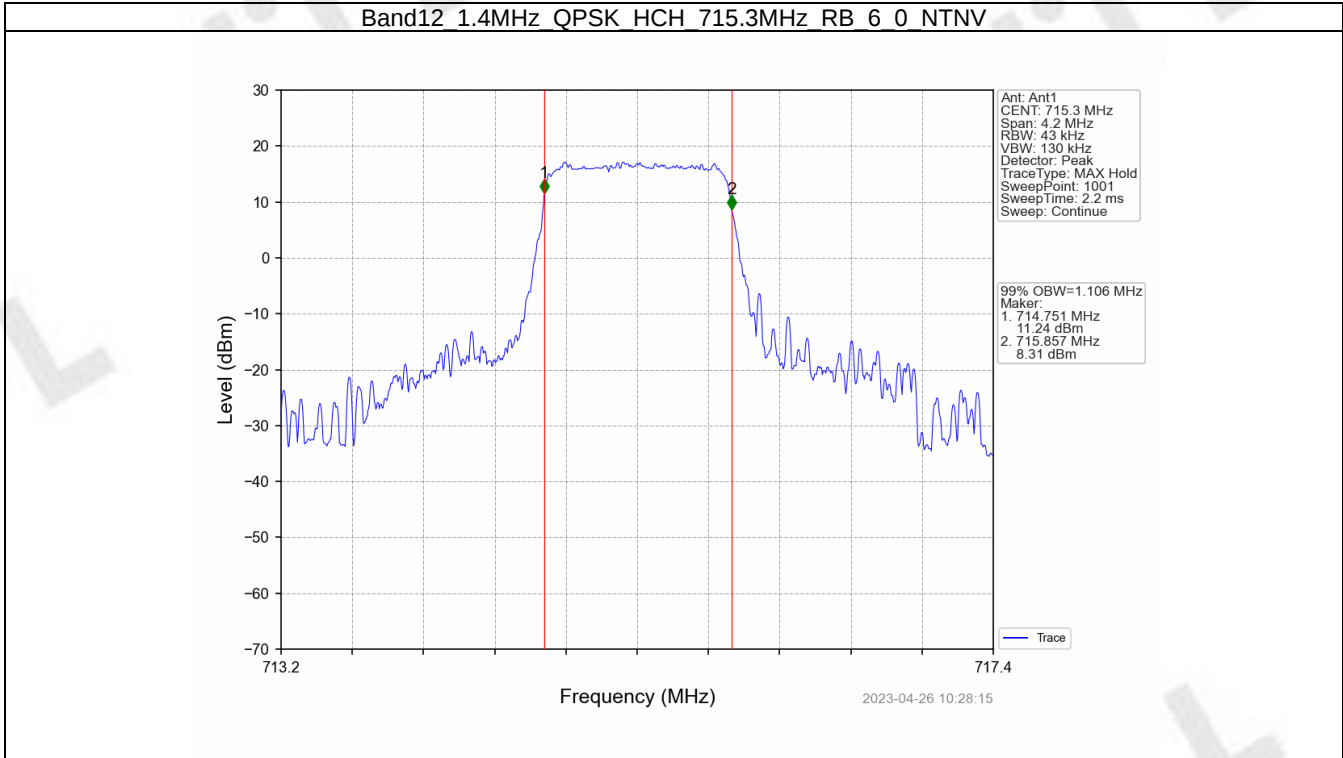
4.1 Band12_OBW

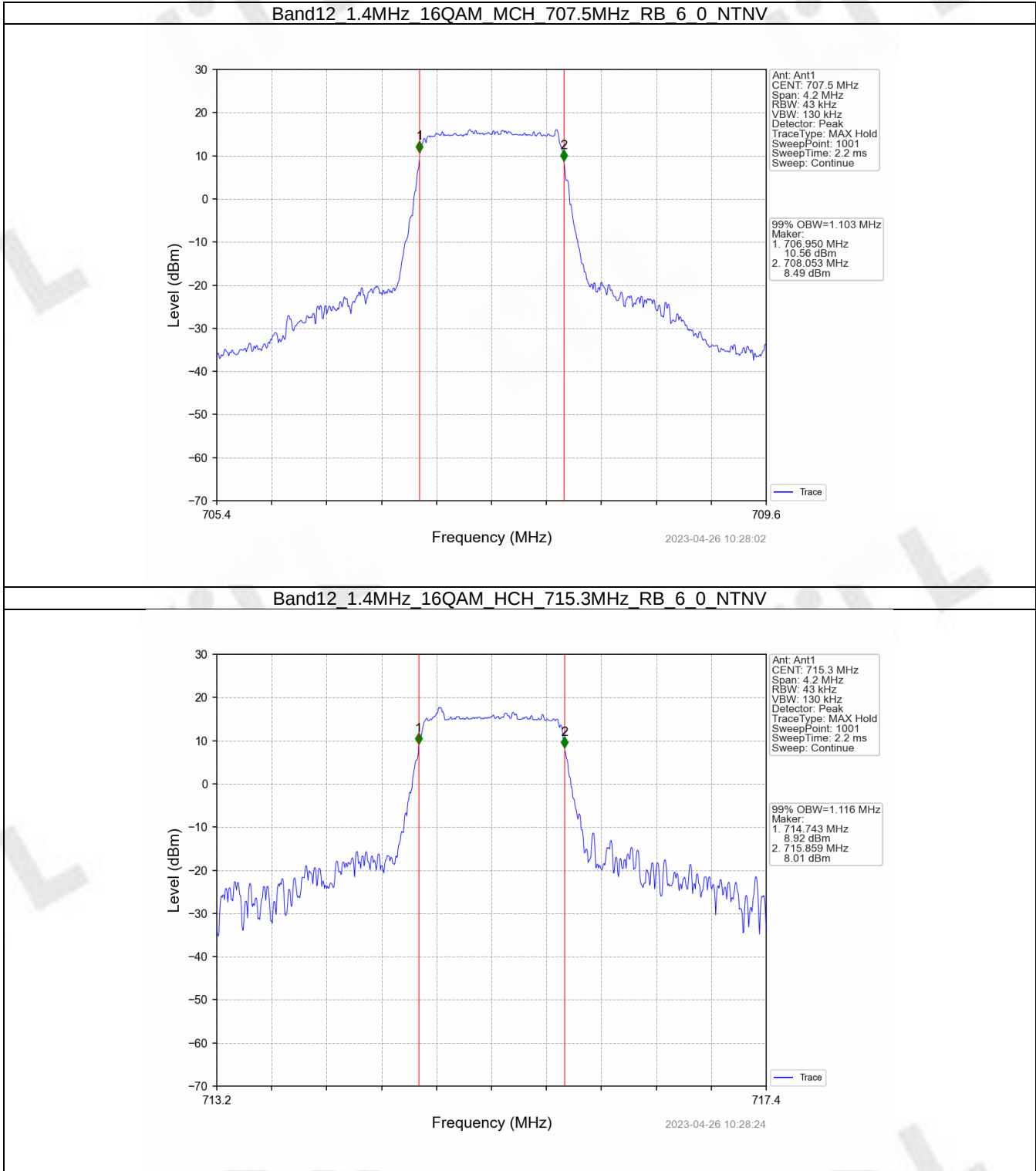
4.1.1 Test Result

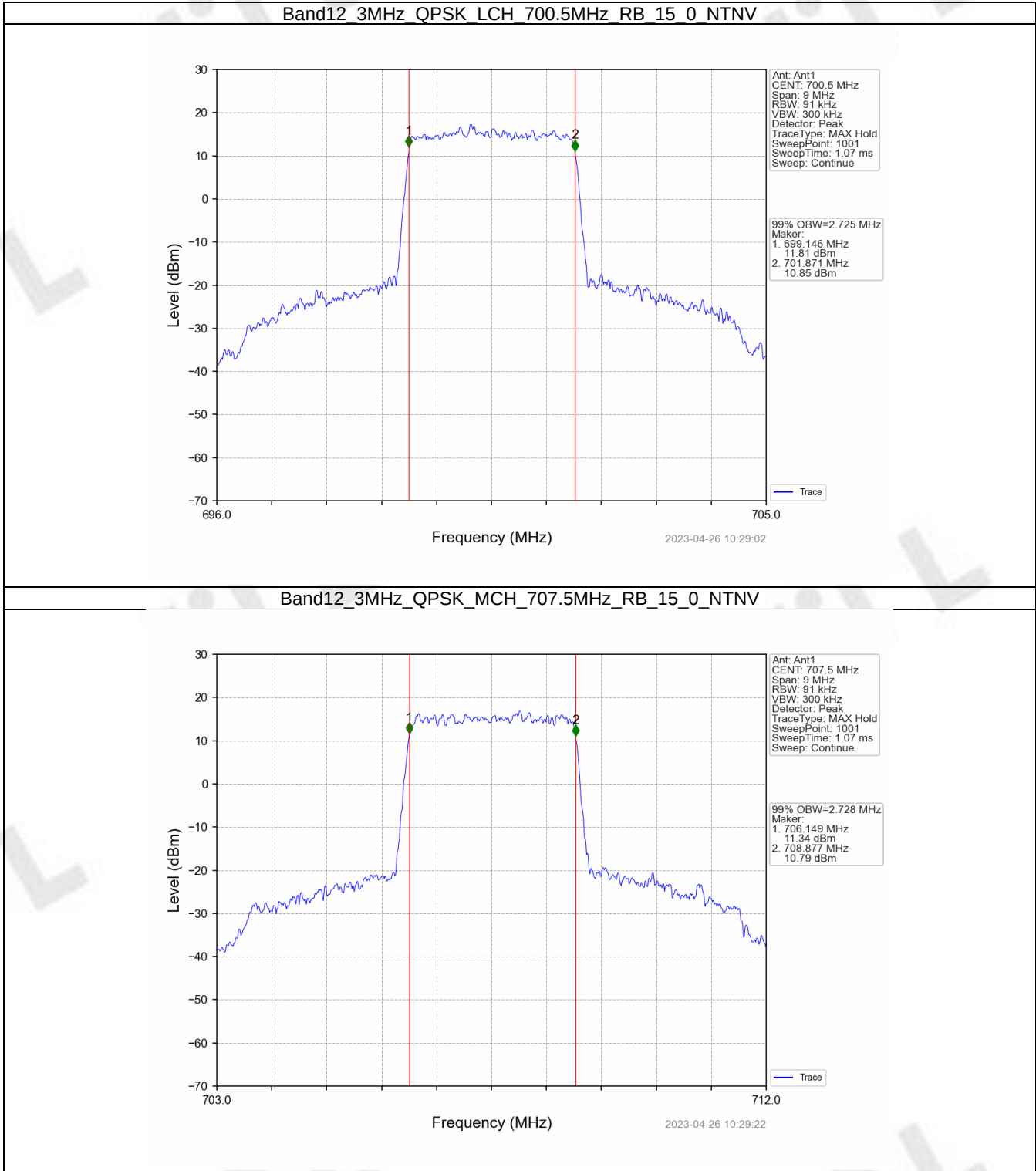
Band: 12 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	699.7	6	0	1.123	Pass
		707.5	6	0	1.111	Pass
		715.3	6	0	1.106	Pass
	16QAM	699.7	6	0	1.113	Pass
		707.5	6	0	1.103	Pass
		715.3	6	0	1.116	Pass
3	QPSK	700.5	15	0	2.725	Pass
		707.5	15	0	2.728	Pass
		714.5	15	0	2.729	Pass
	16QAM	700.5	15	0	2.708	Pass
		707.5	15	0	2.728	Pass
		714.5	15	0	2.727	Pass
5	QPSK	701.5	25	0	4.566	Pass
		707.5	25	0	4.569	Pass
		713.5	25	0	4.577	Pass
	16QAM	701.5	25	0	4.593	Pass
		707.5	25	0	4.579	Pass
		713.5	25	0	4.569	Pass
10	QPSK	704	50	0	9.101	Pass
		707.5	50	0	9.071	Pass
		711	50	0	9.113	Pass
	16QAM	704	50	0	9.088	Pass
		707.5	50	0	9.046	Pass
		711	50	0	9.025	Pass

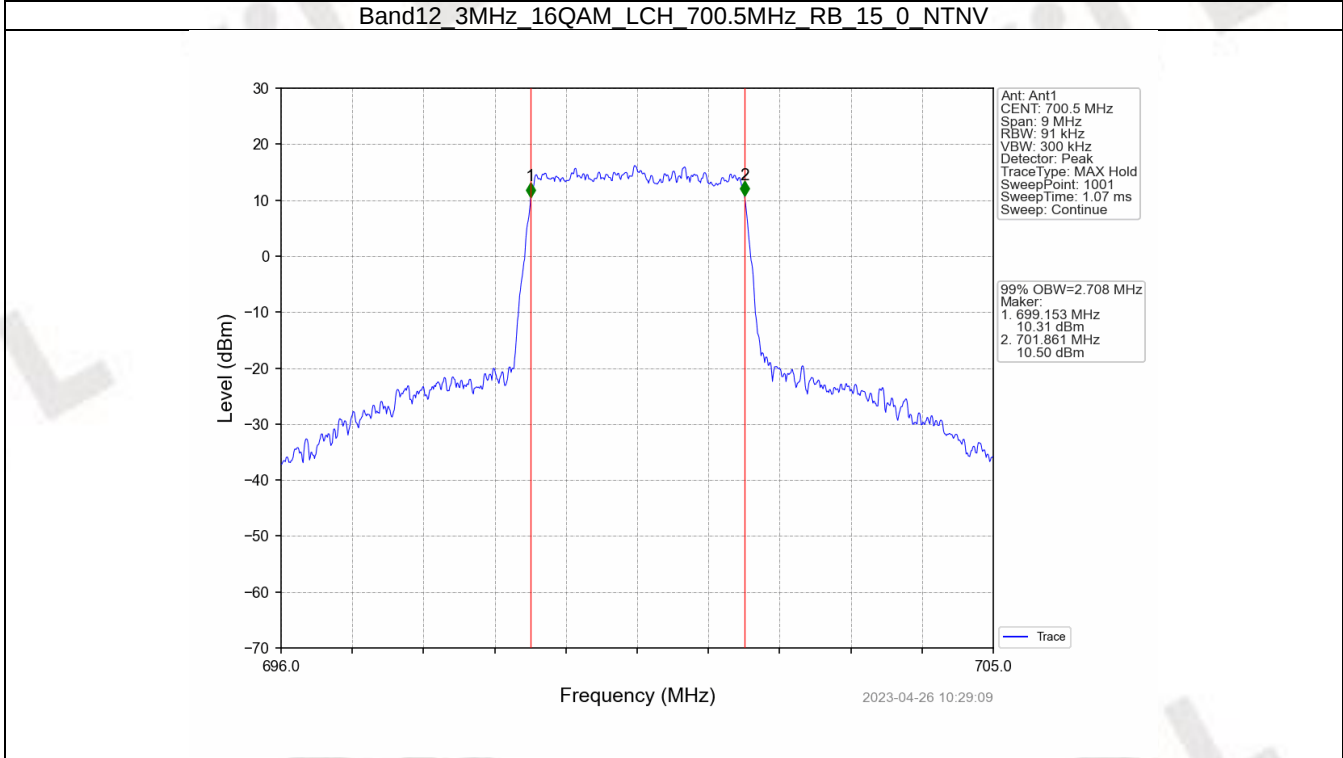
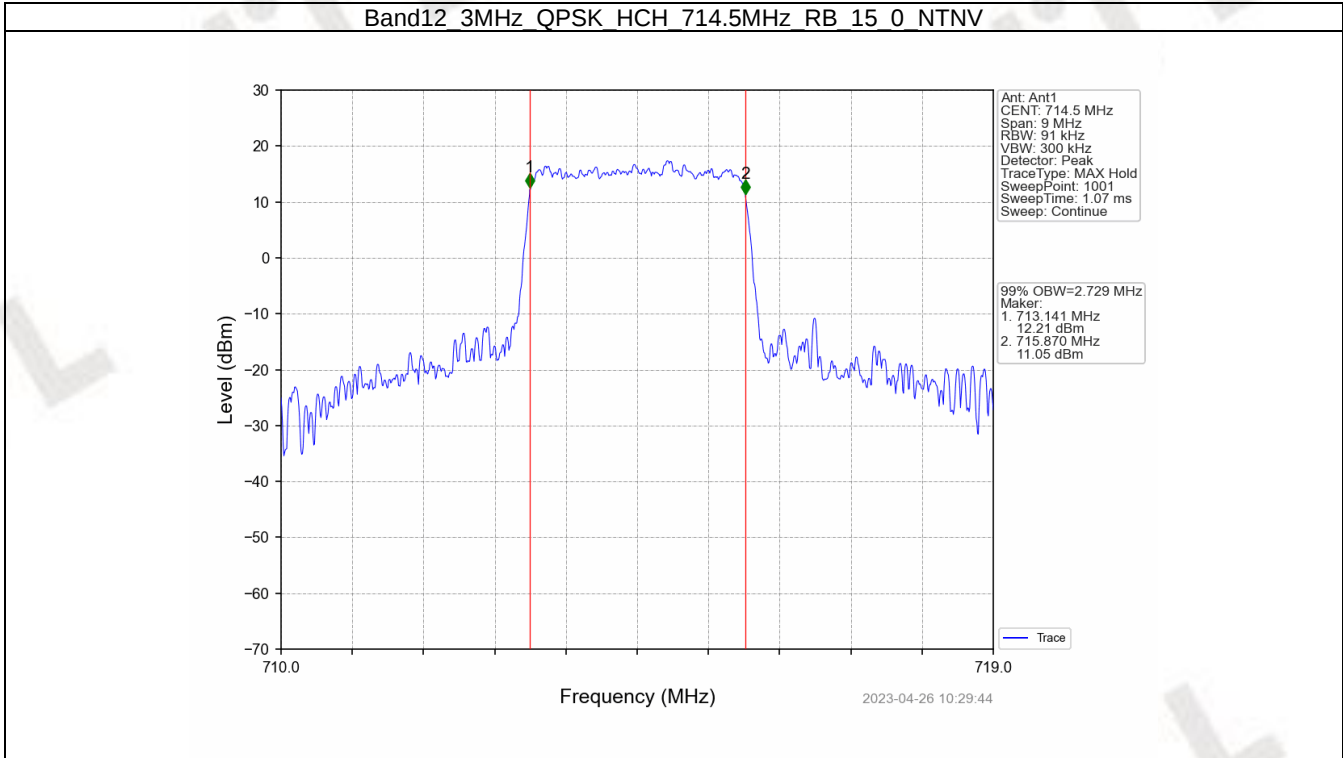
4.1.2 Test Graph

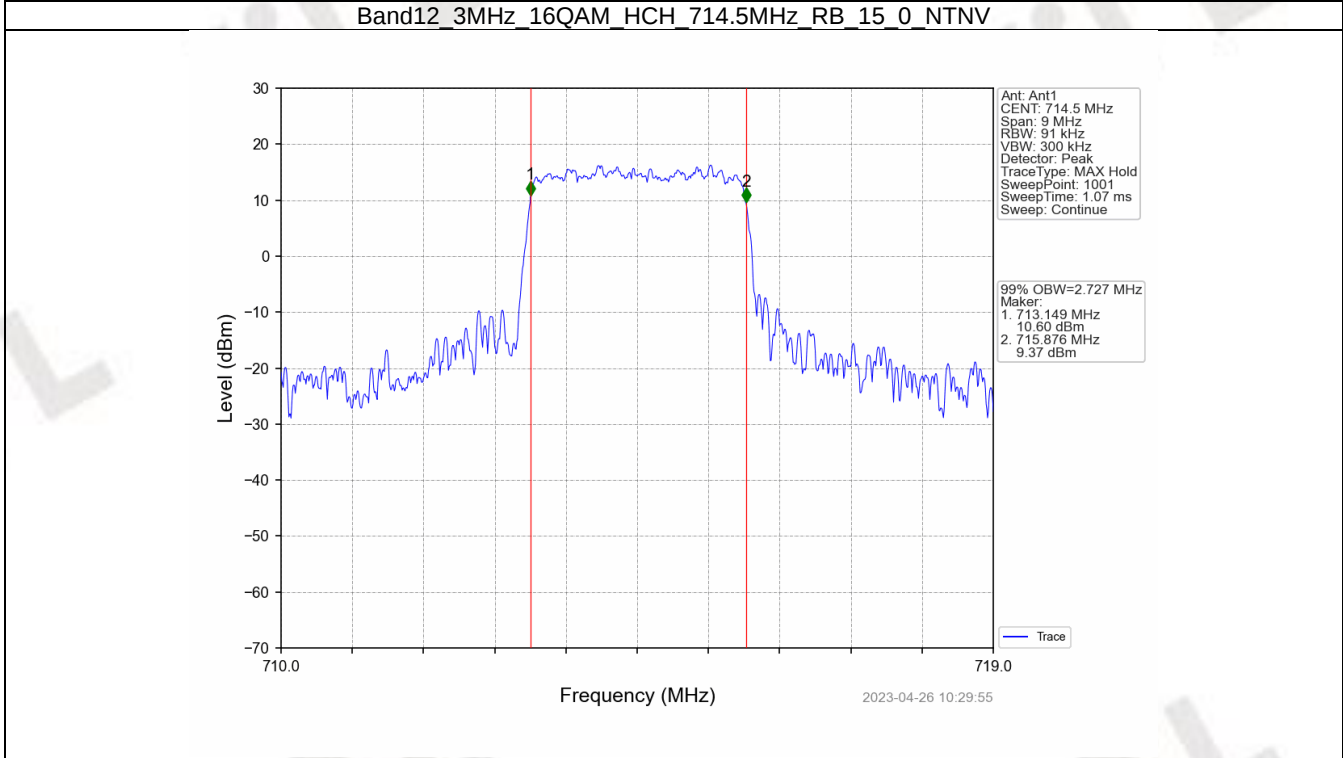
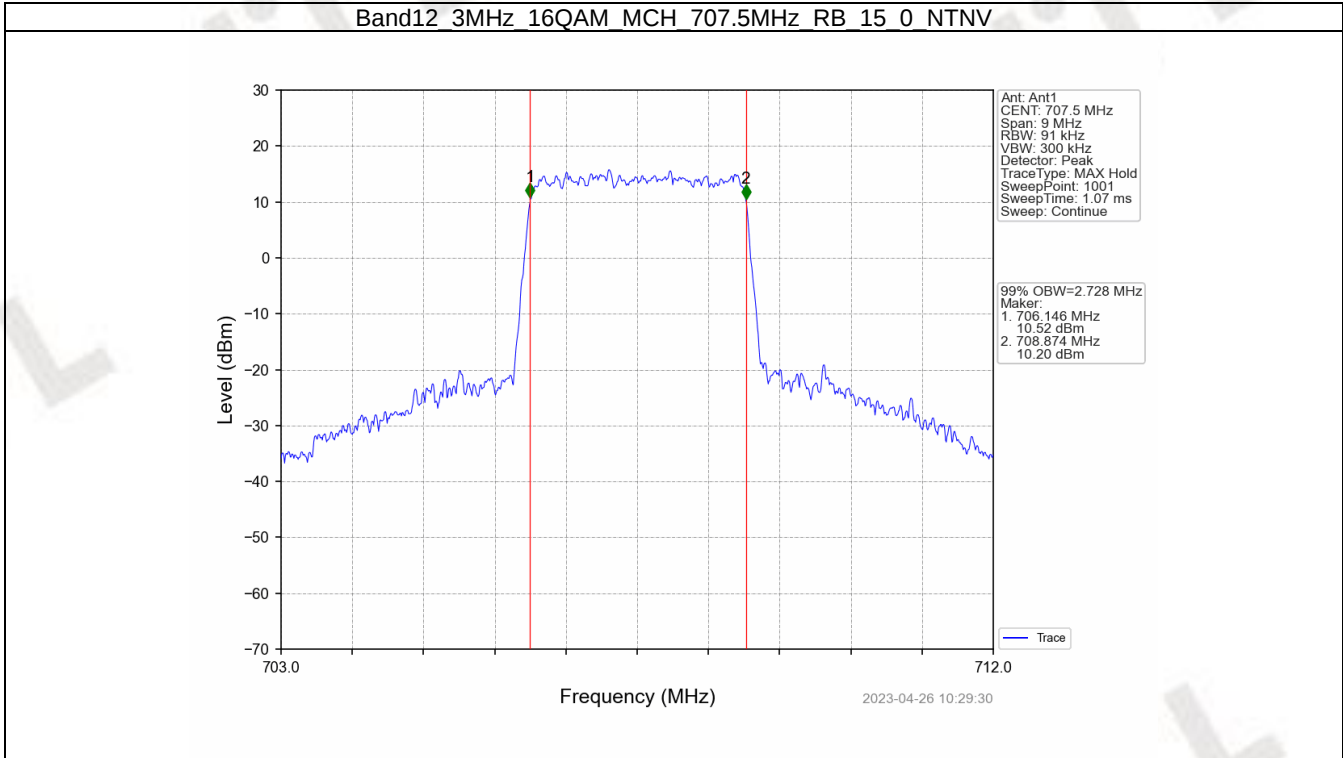




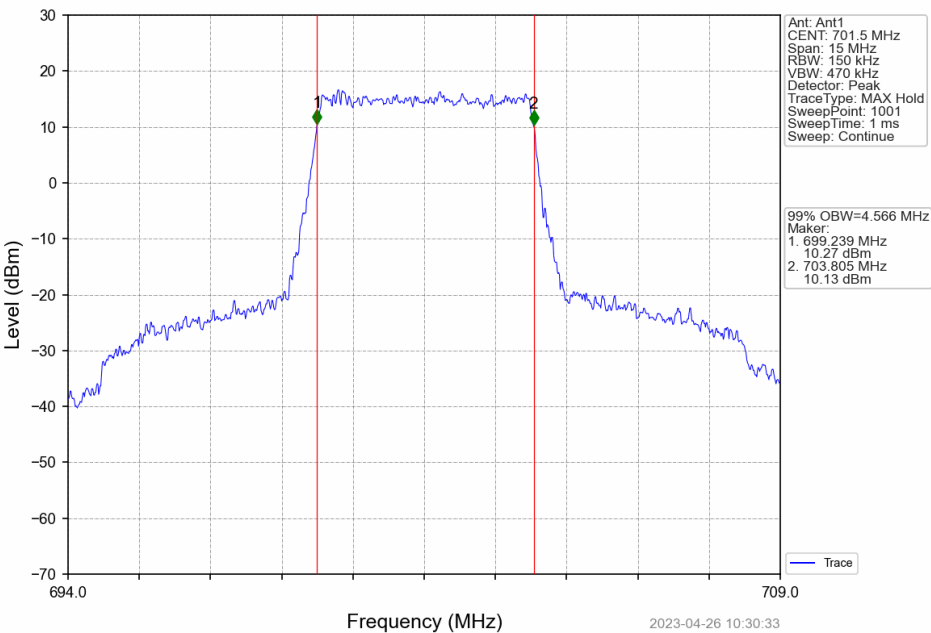




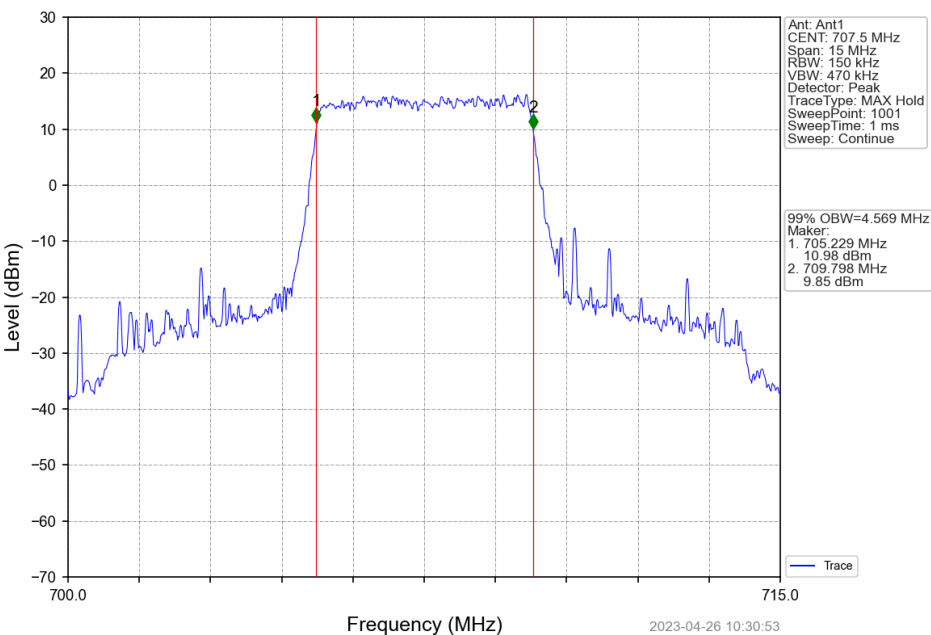




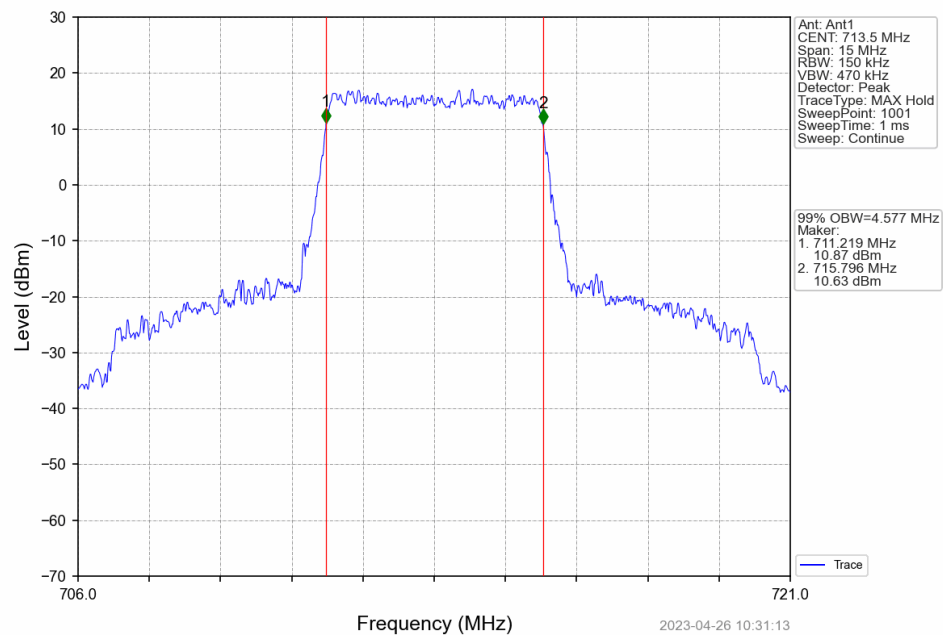
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



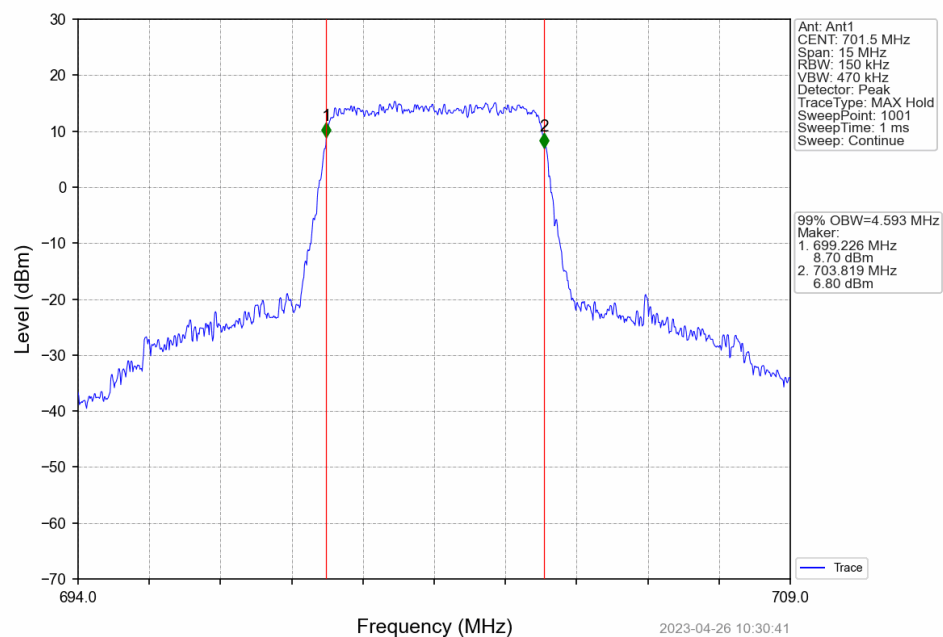
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



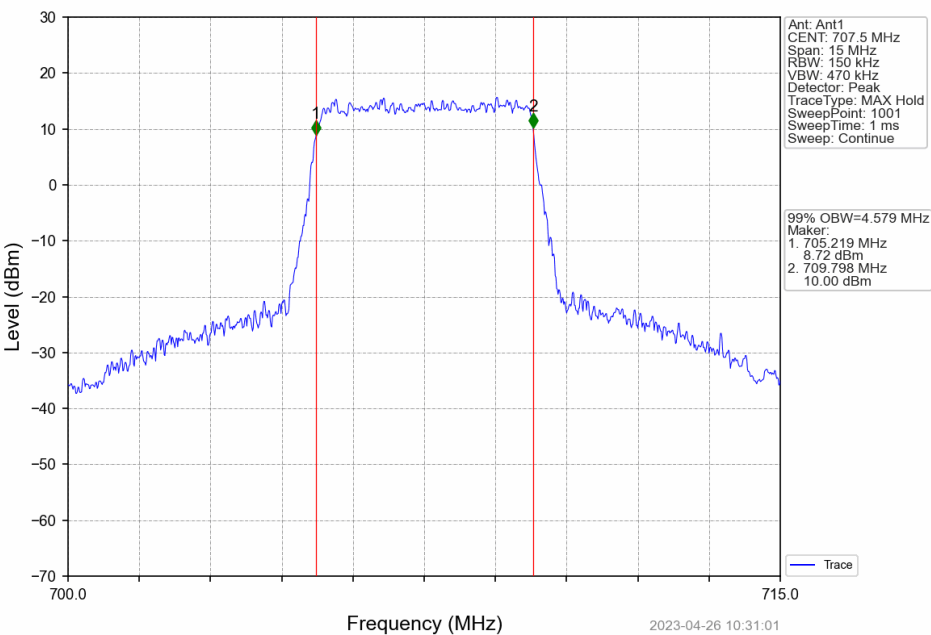
Band12 5MHz QPSK HCH 713.5MHz RB 25 0 NTV



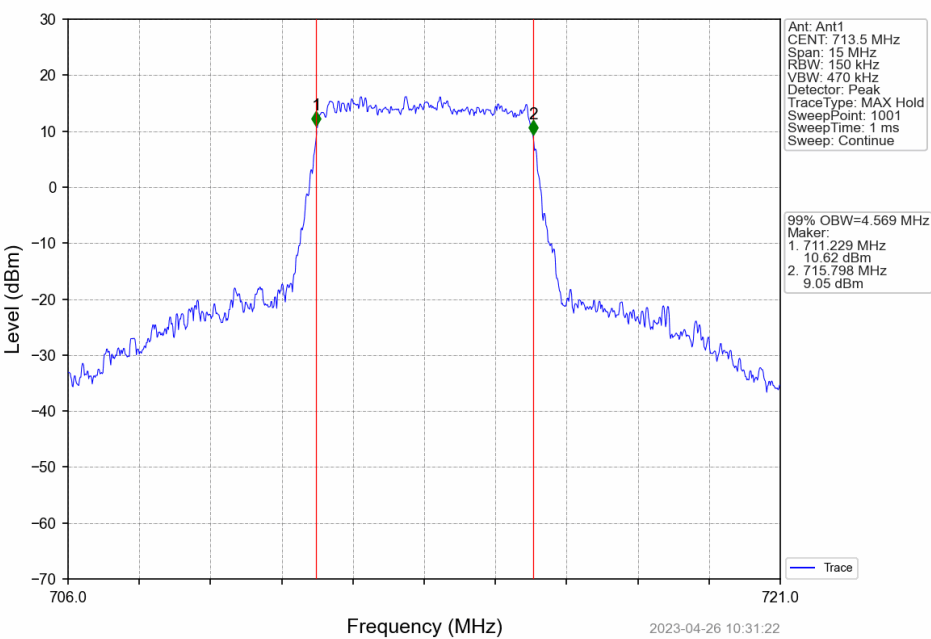
Band12 5MHz 16QAM LCH 701.5MHz RB 25 0 NTV



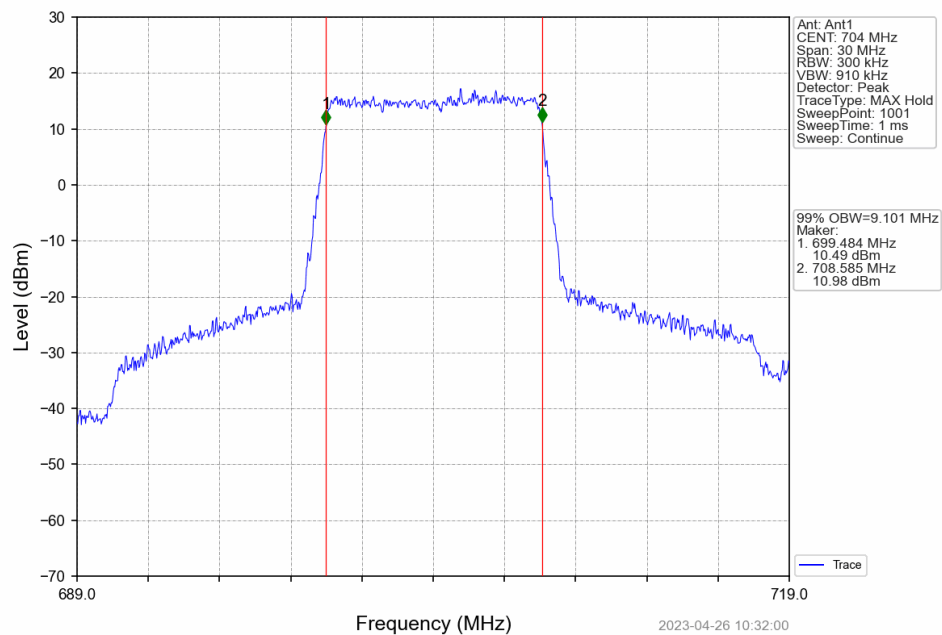
Band12 5MHz 16QAM MCH 707.5MHz RB 25 0 NTNV



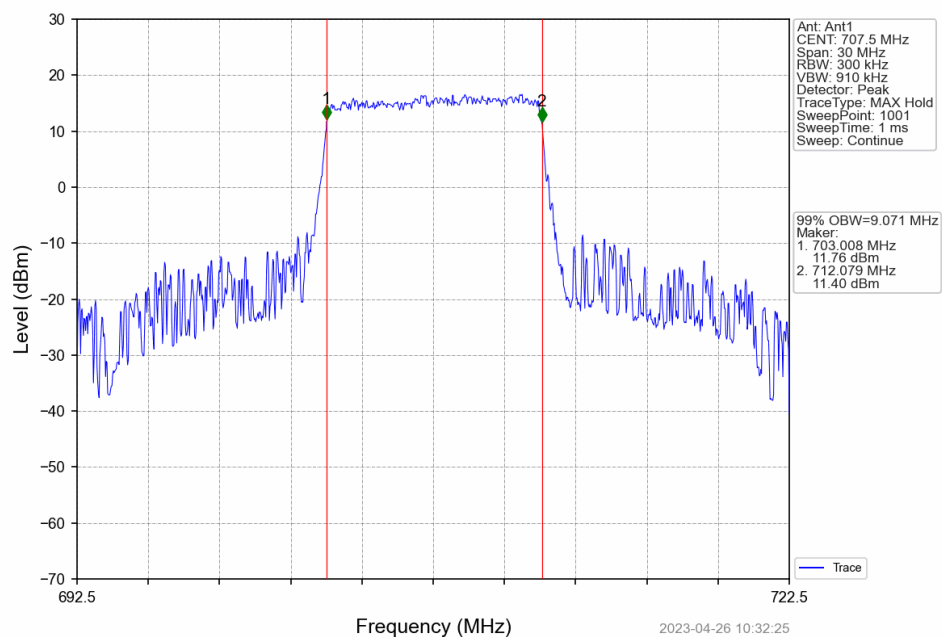
Band12 5MHz 16QAM HCH 713.5MHz RB 25 0 NTNV

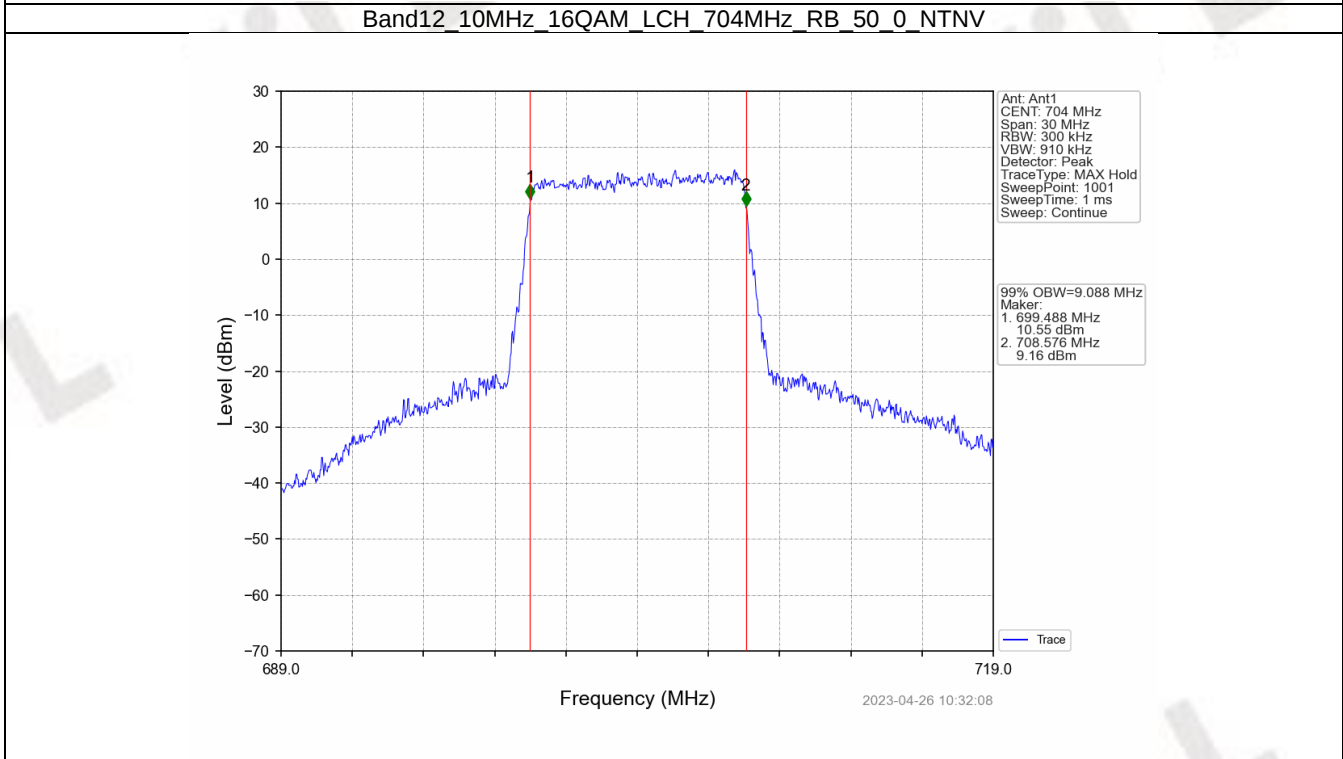
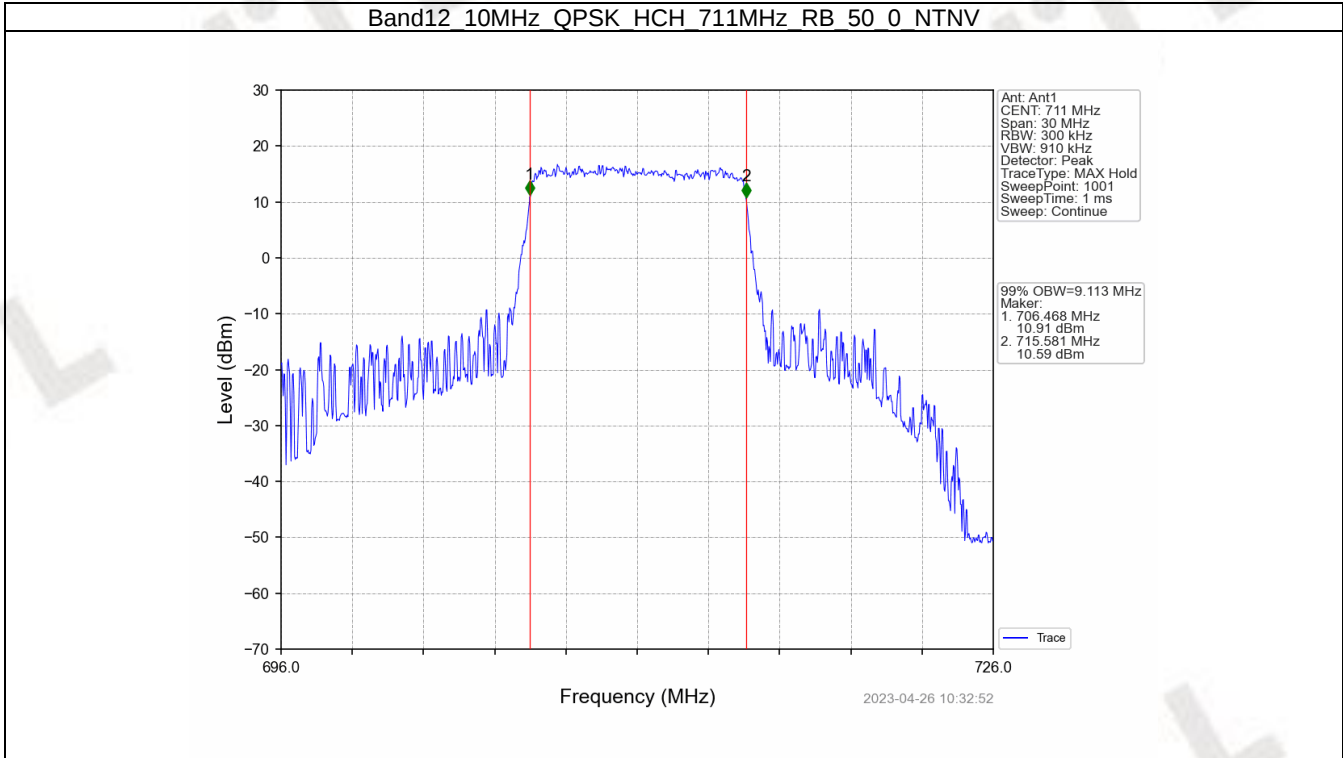


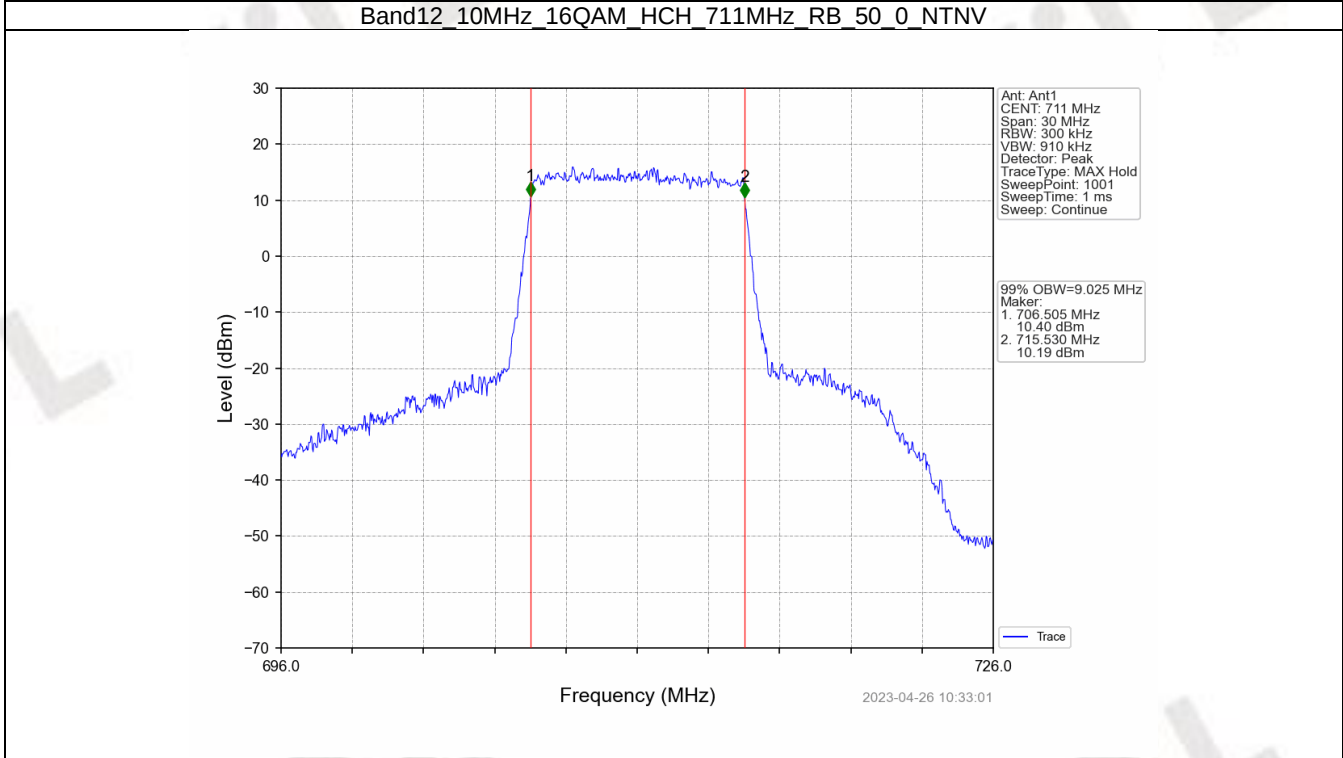
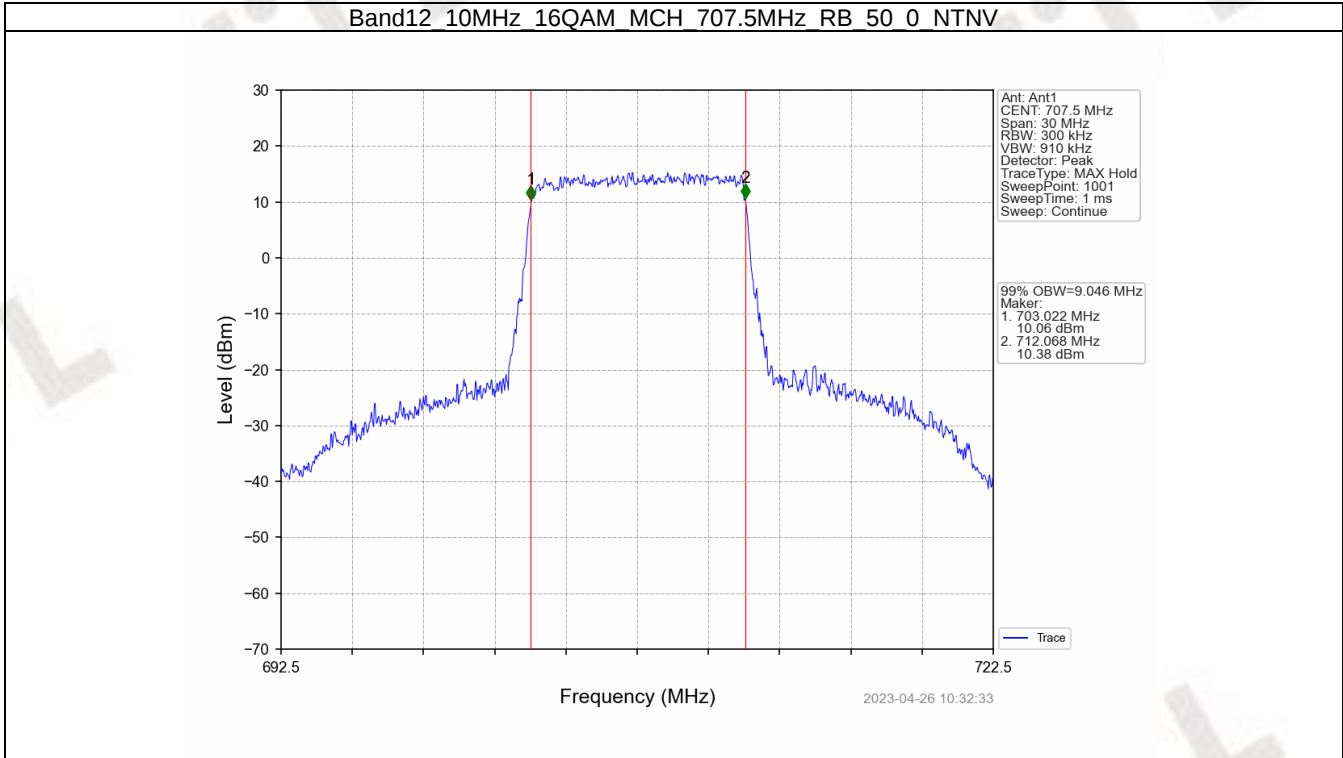
Band12 10MHz QPSK LCH 704MHz RB 50 0 NTNV



Band12 10MHz QPSK MCH 707.5MHz RB 50 0 NTNV





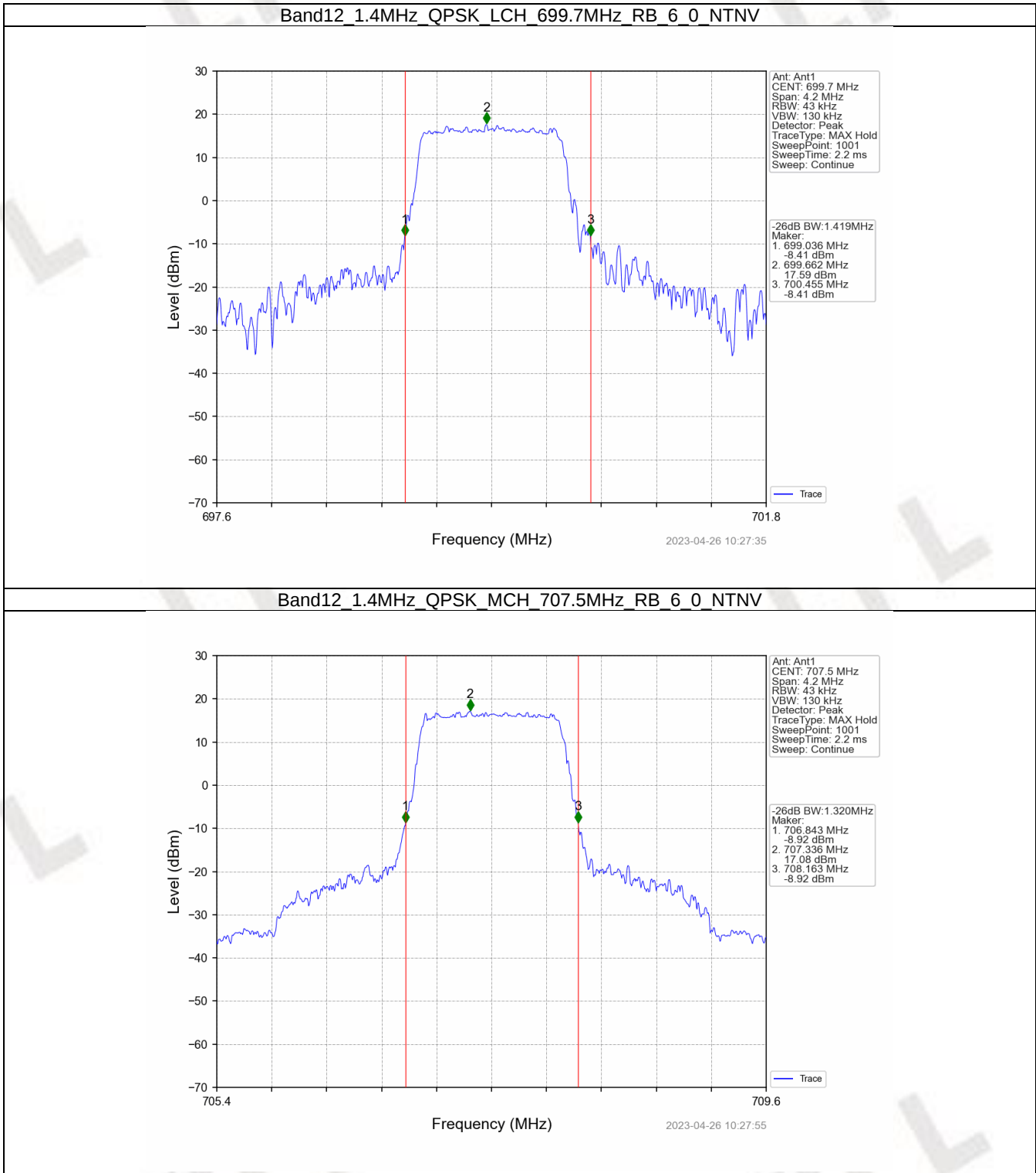


4.2 Band12_XDB

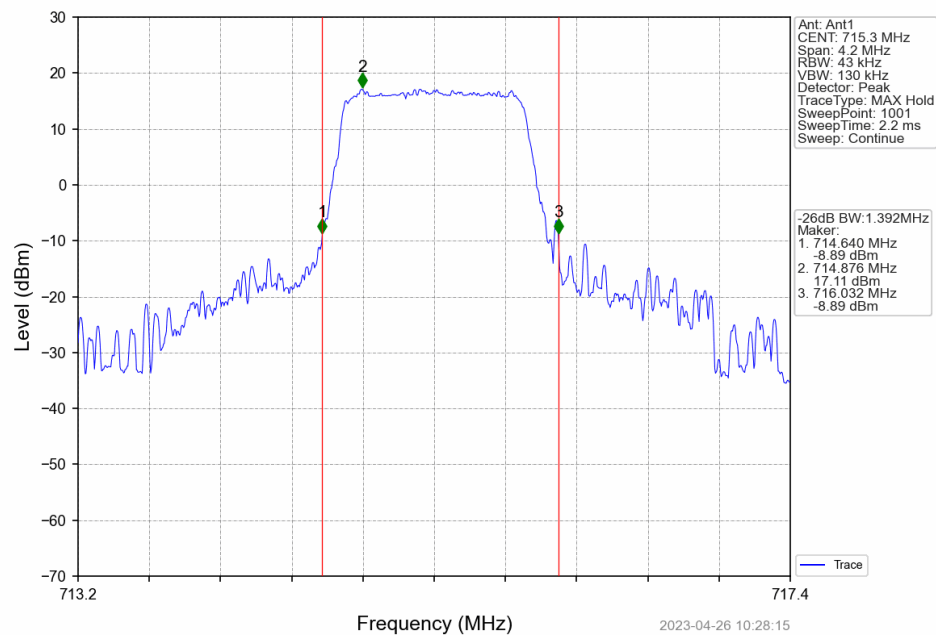
4.2.1 Test Result

Band: 12 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz) Result	Verdict
			Size	Offset		
1.4	QPSK	699.7	6	0	1.419	Pass
		707.5	6	0	1.320	Pass
		715.3	6	0	1.392	Pass
	16QAM	699.7	6	0	1.334	Pass
		707.5	6	0	1.318	Pass
		715.3	6	0	1.347	Pass
3	QPSK	700.5	15	0	2.988	Pass
		707.5	15	0	3.004	Pass
		714.5	15	0	3.006	Pass
	16QAM	700.5	15	0	2.992	Pass
		707.5	15	0	2.995	Pass
		714.5	15	0	3.495	Pass
5	QPSK	701.5	25	0	5.261	Pass
		707.5	25	0	5.775	Pass
		713.5	25	0	5.241	Pass
	16QAM	701.5	25	0	5.279	Pass
		707.5	25	0	5.314	Pass
		713.5	25	0	5.237	Pass
10	QPSK	704	50	0	10.237	Pass
		707.5	50	0	12.938	Pass
		711	50	0	13.056	Pass
	16QAM	704	50	0	10.271	Pass
		707.5	50	0	10.251	Pass
		711	50	0	10.139	Pass

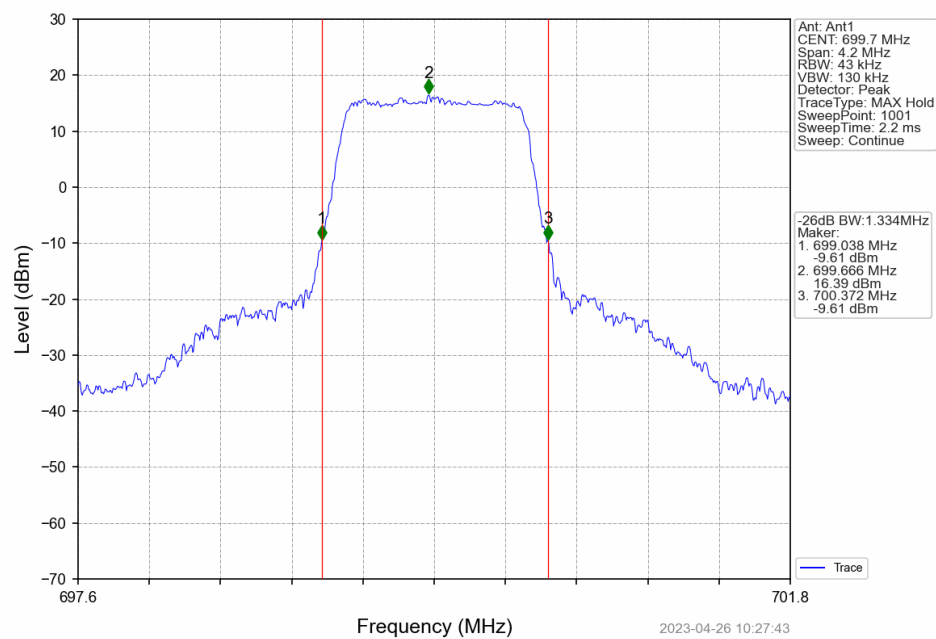
4.2.2 Test Graph



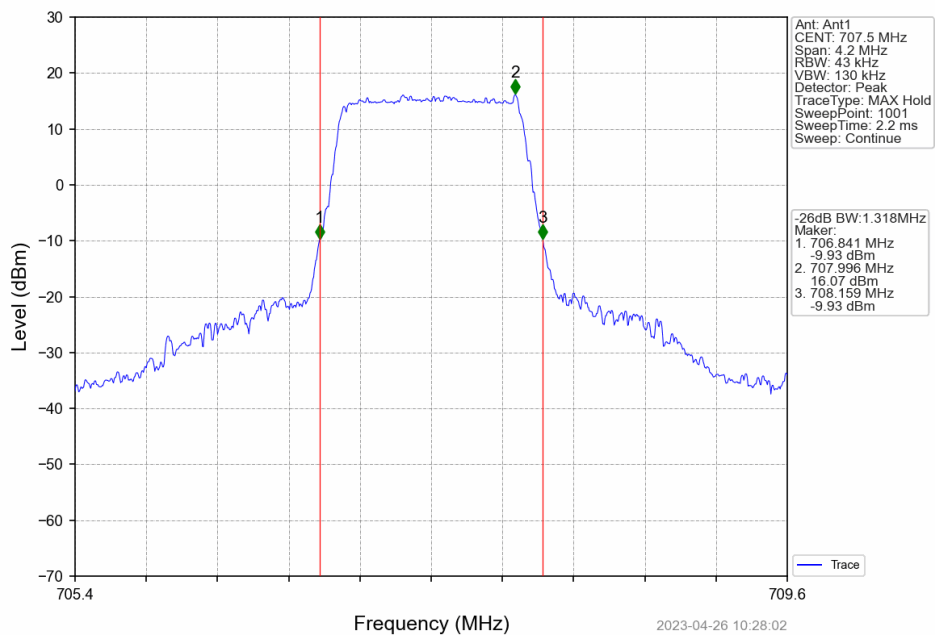
Band12 1.4MHz QPSK HCH 715.3MHz RB 6 0 NTNV



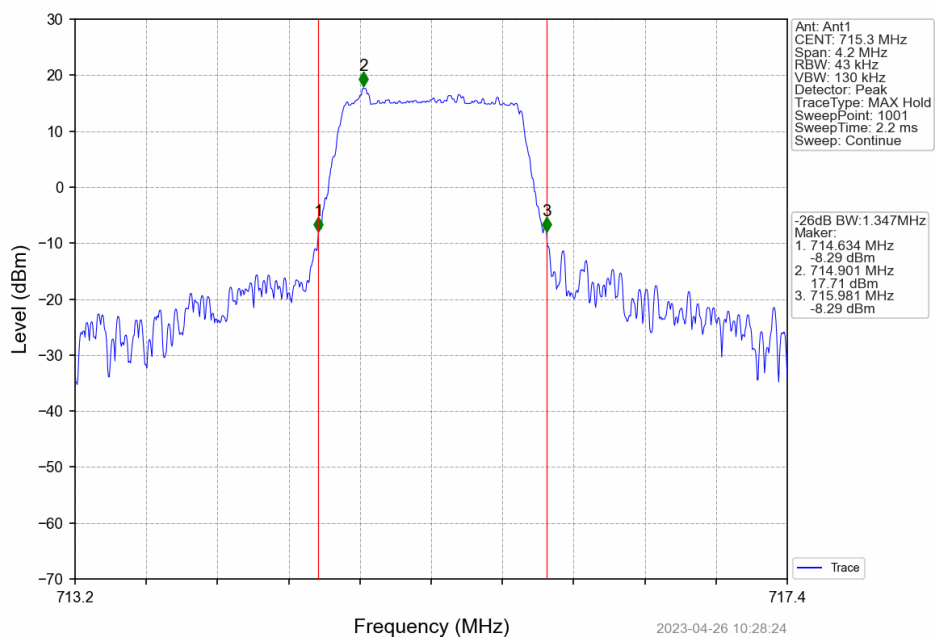
Band12 1.4MHz 16QAM LCH 699.7MHz RB 6 0 NTNV

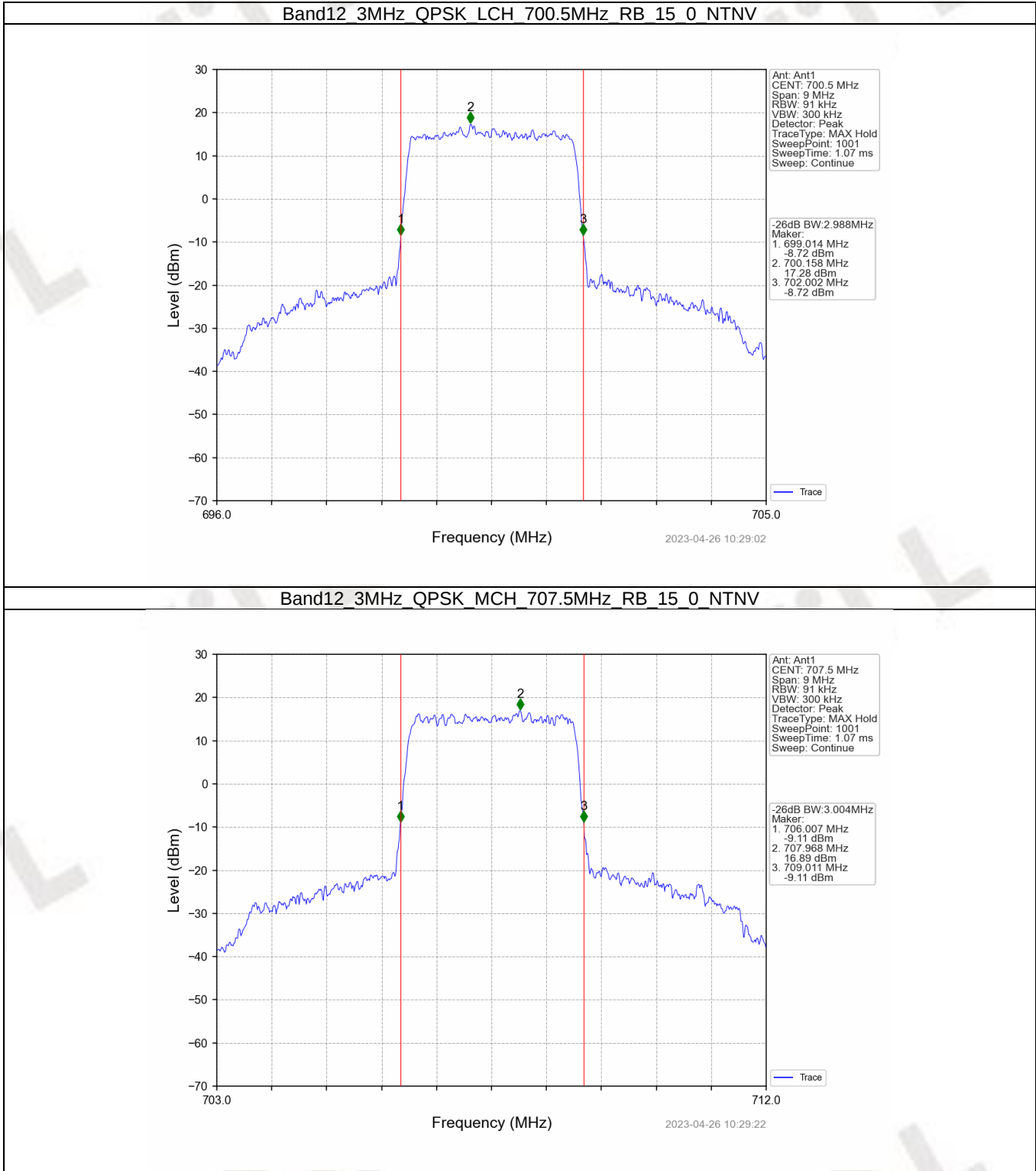


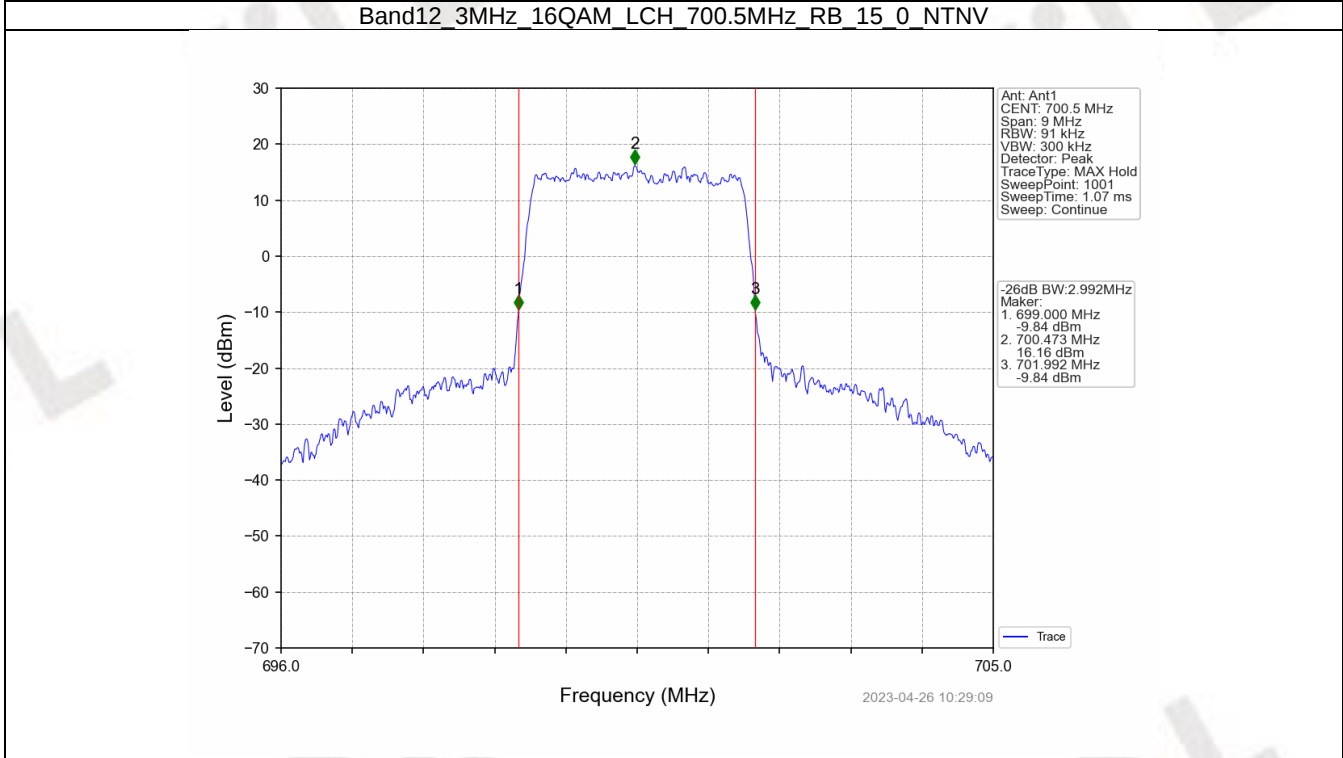
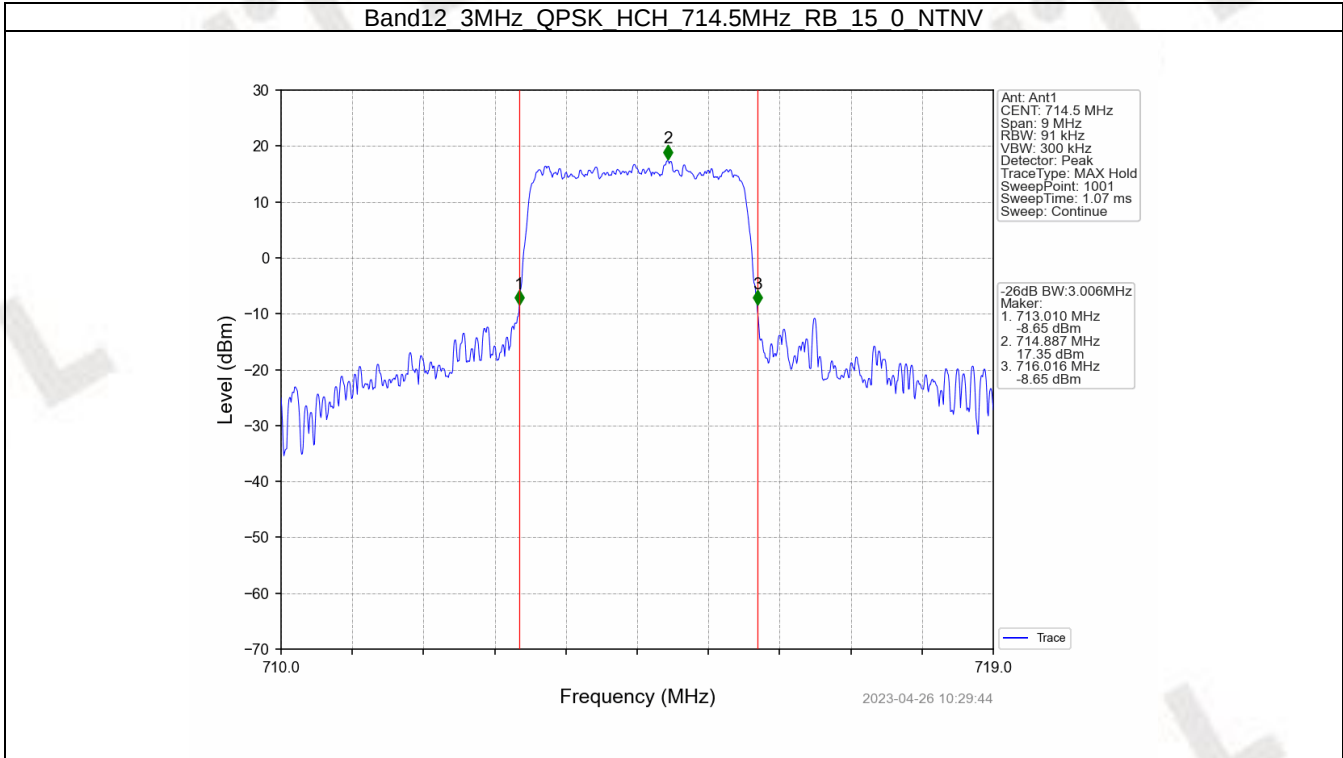
Band12 1.4MHz 16QAM MCH 707.5MHz RB 6 0 NTN



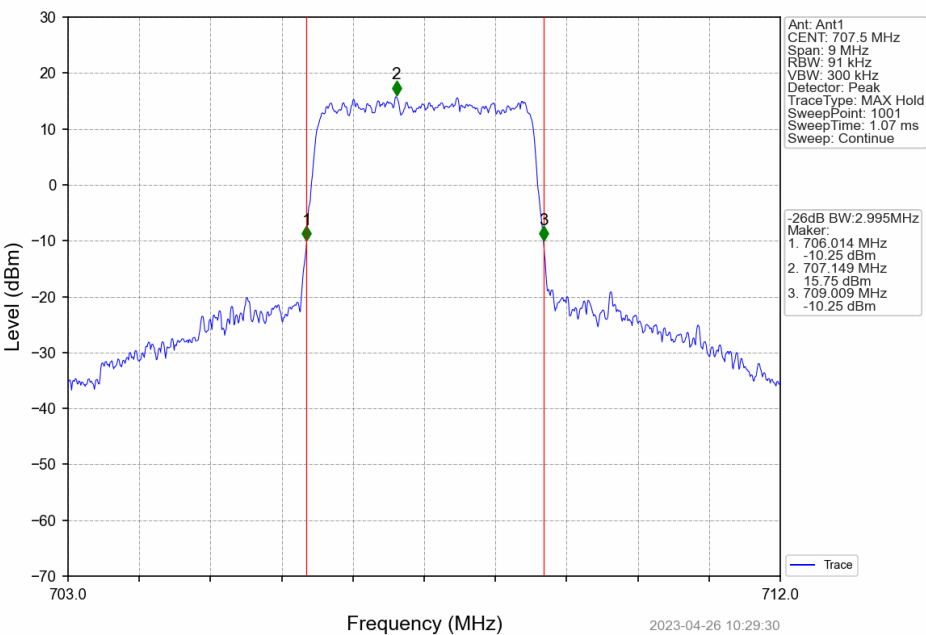
Band12 1.4MHz 16QAM HCH 715.3MHz RB 6 0 NTN



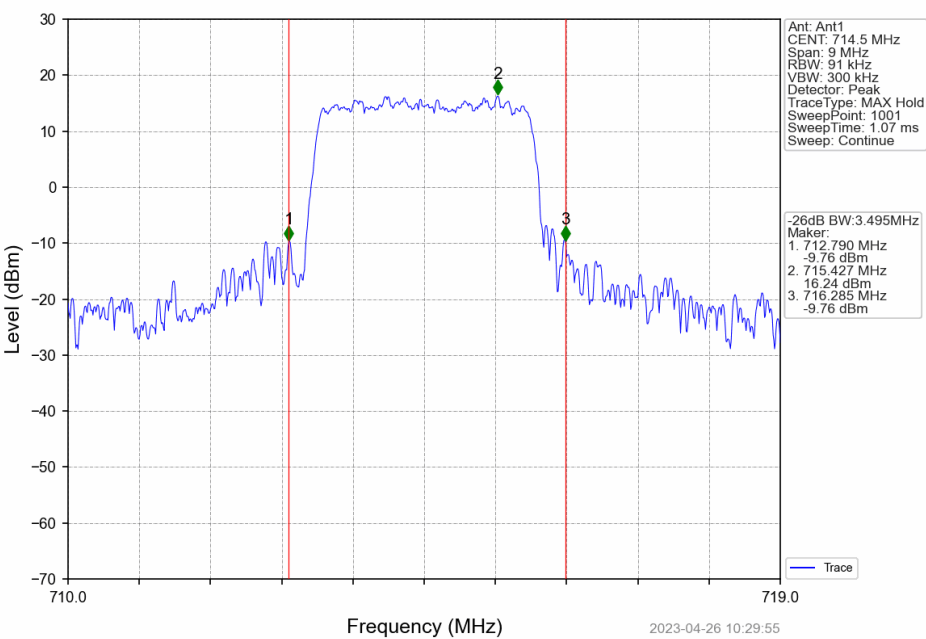




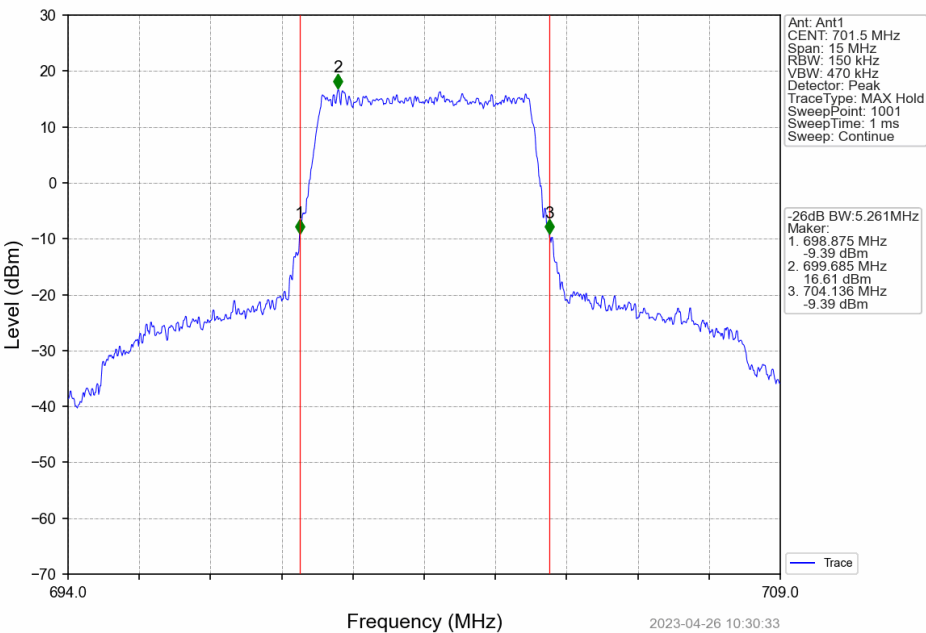
Band12 3MHz 16QAM MCH 707.5MHz RB 15 0 NTNV



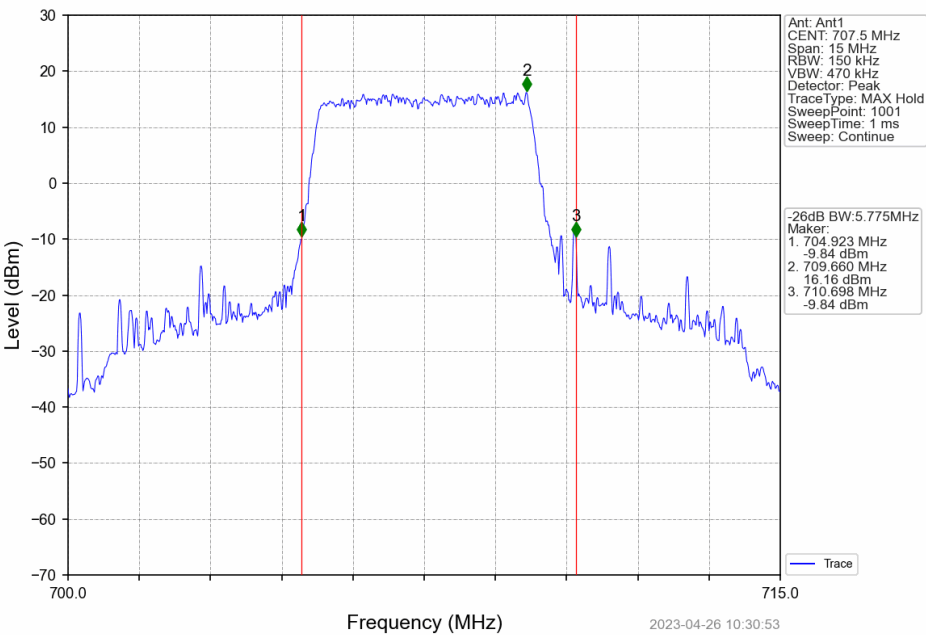
Band12 3MHz 16QAM HCH 714.5MHz RB 15 0 NTNV



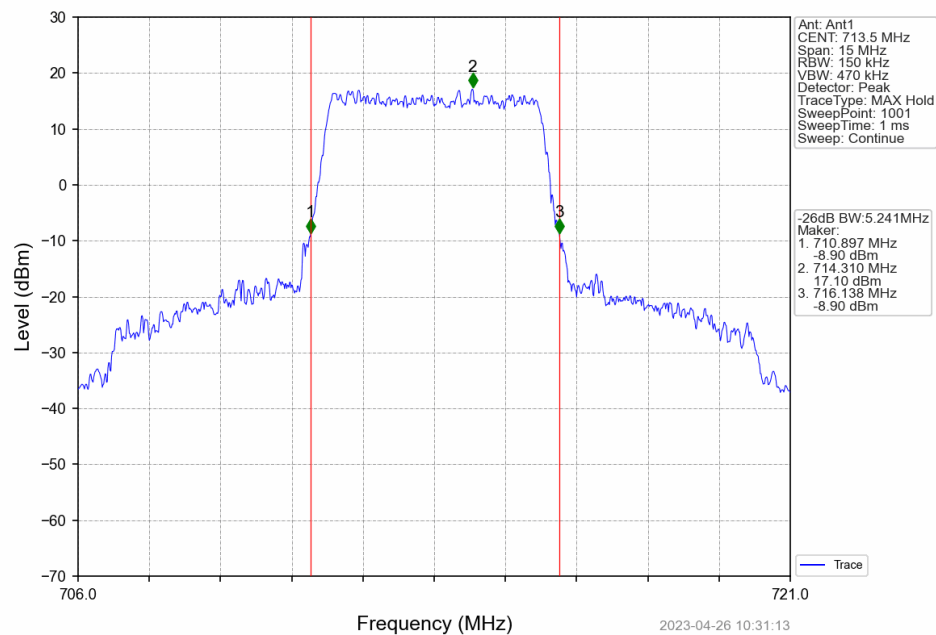
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



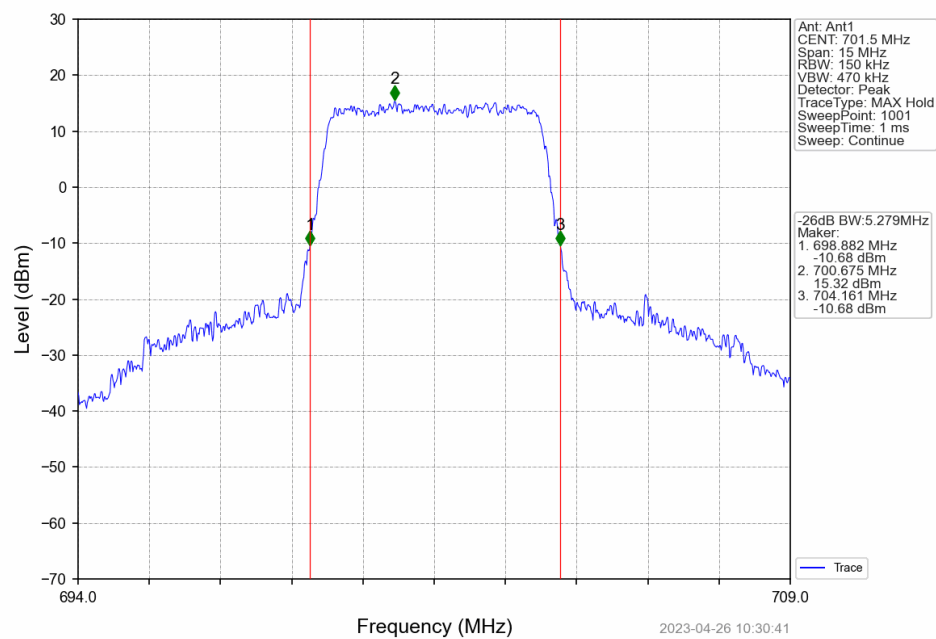
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



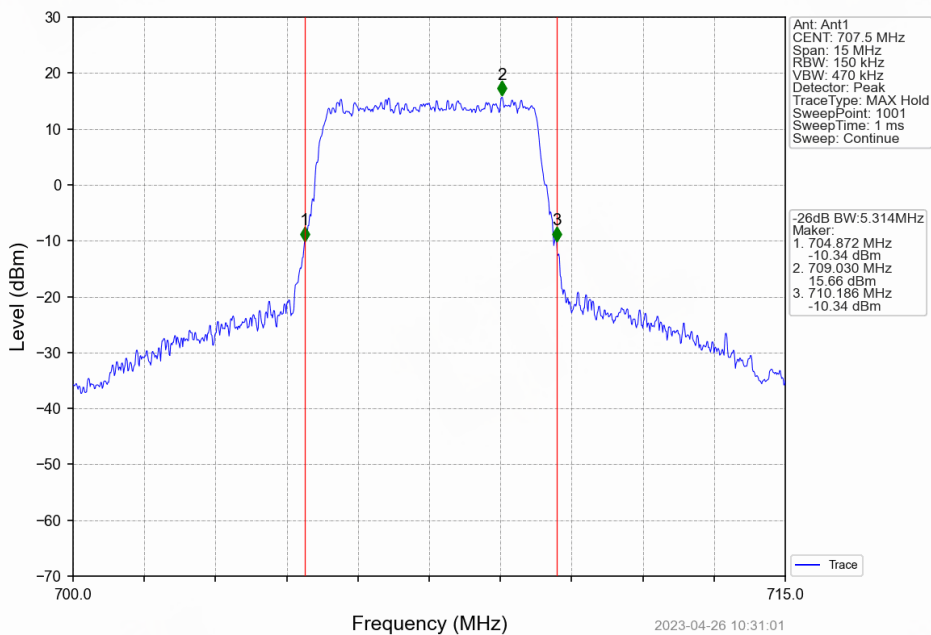
Band12 5MHz QPSK HCH 713.5MHz RB 25 0 NTV



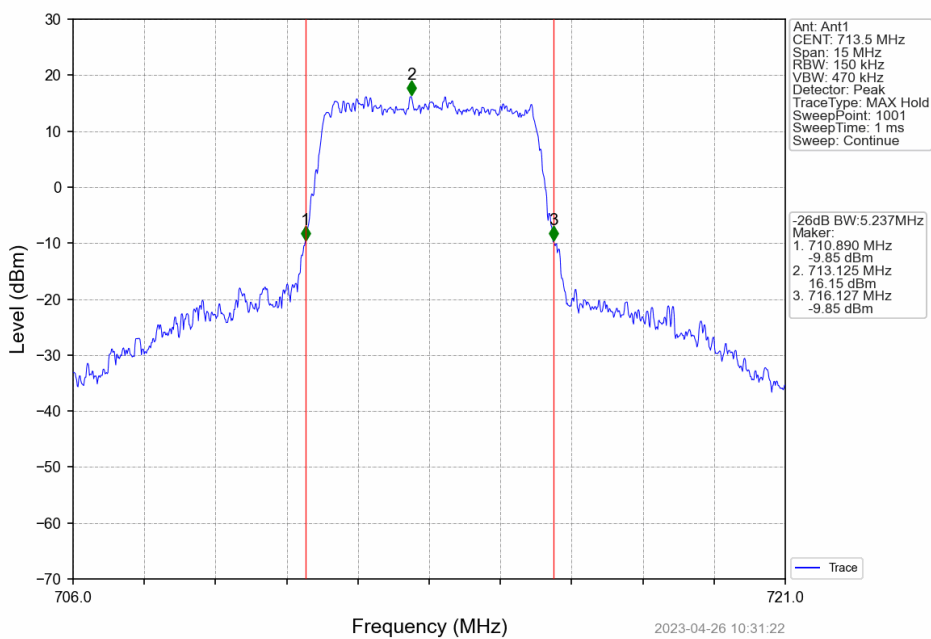
Band12 5MHz 16QAM LCH 701.5MHz RB 25 0 NTV



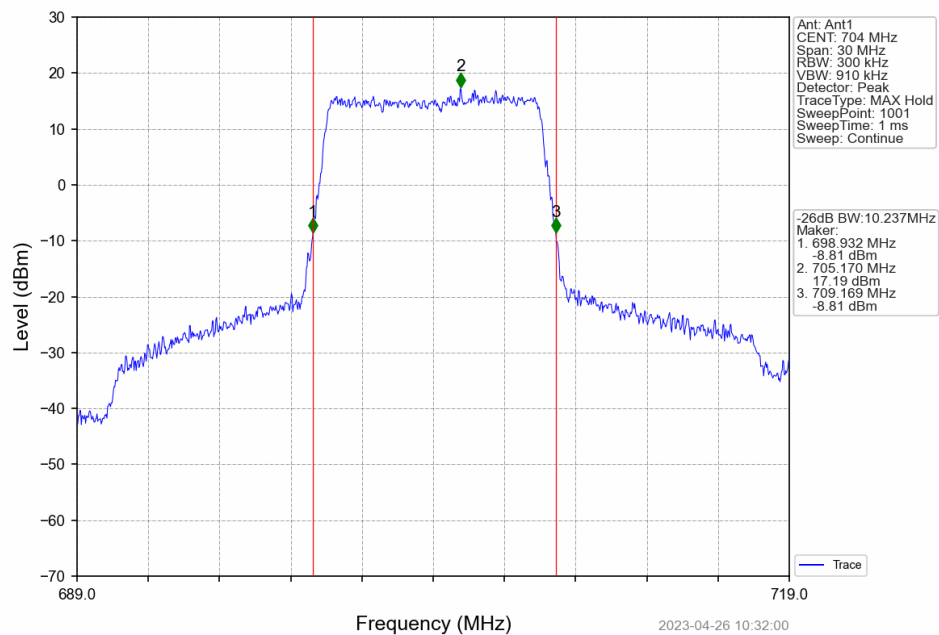
Band12 5MHz 16QAM MCH 707.5MHz RB 25 0 NTNV



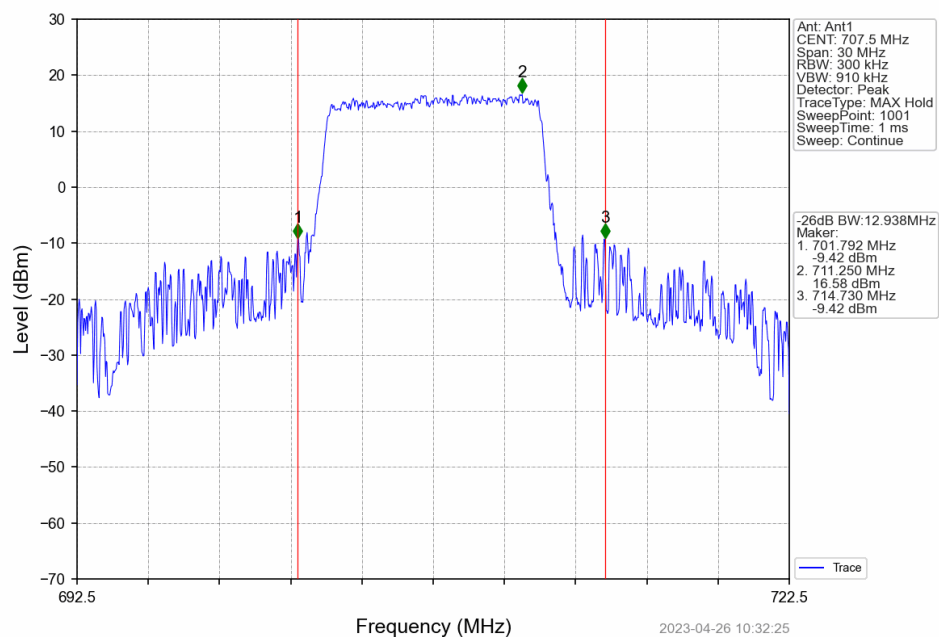
Band12 5MHz 16QAM HCH 713.5MHz RB 25 0 NTNV



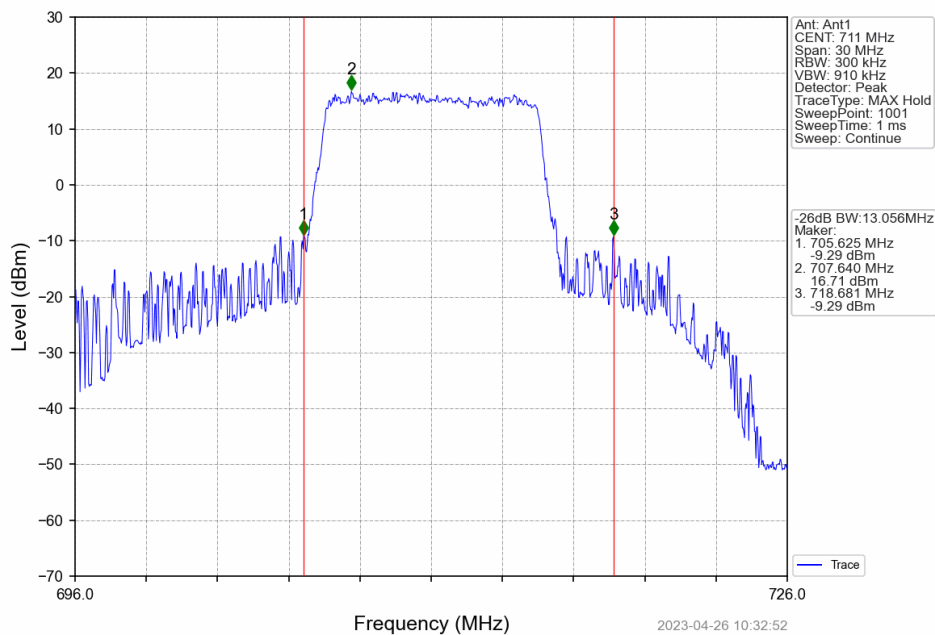
Band12 10MHz QPSK LCH 704MHz RB 50 0 NTNV



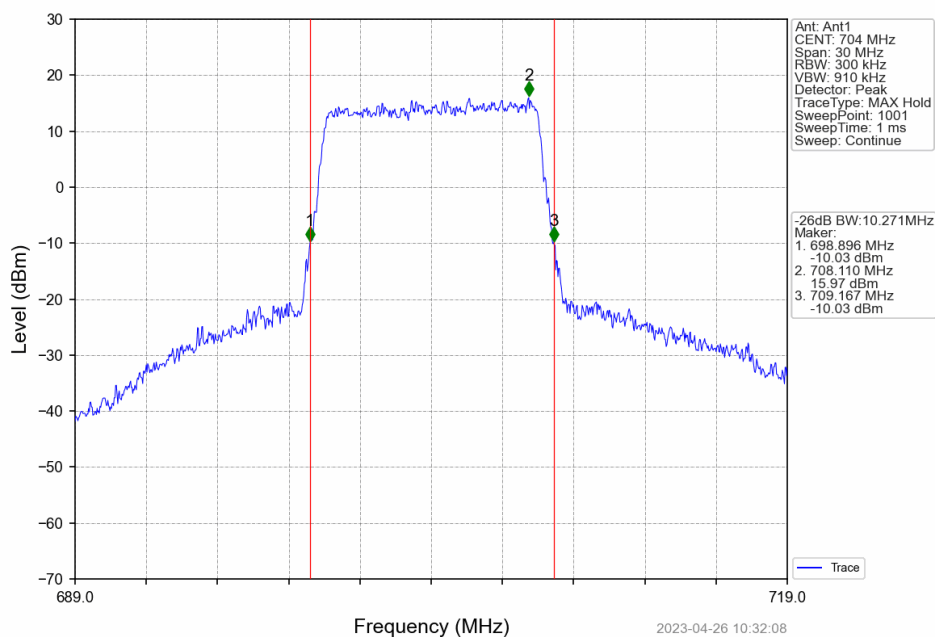
Band12 10MHz QPSK MCH 707.5MHz RB 50 0 NTNV

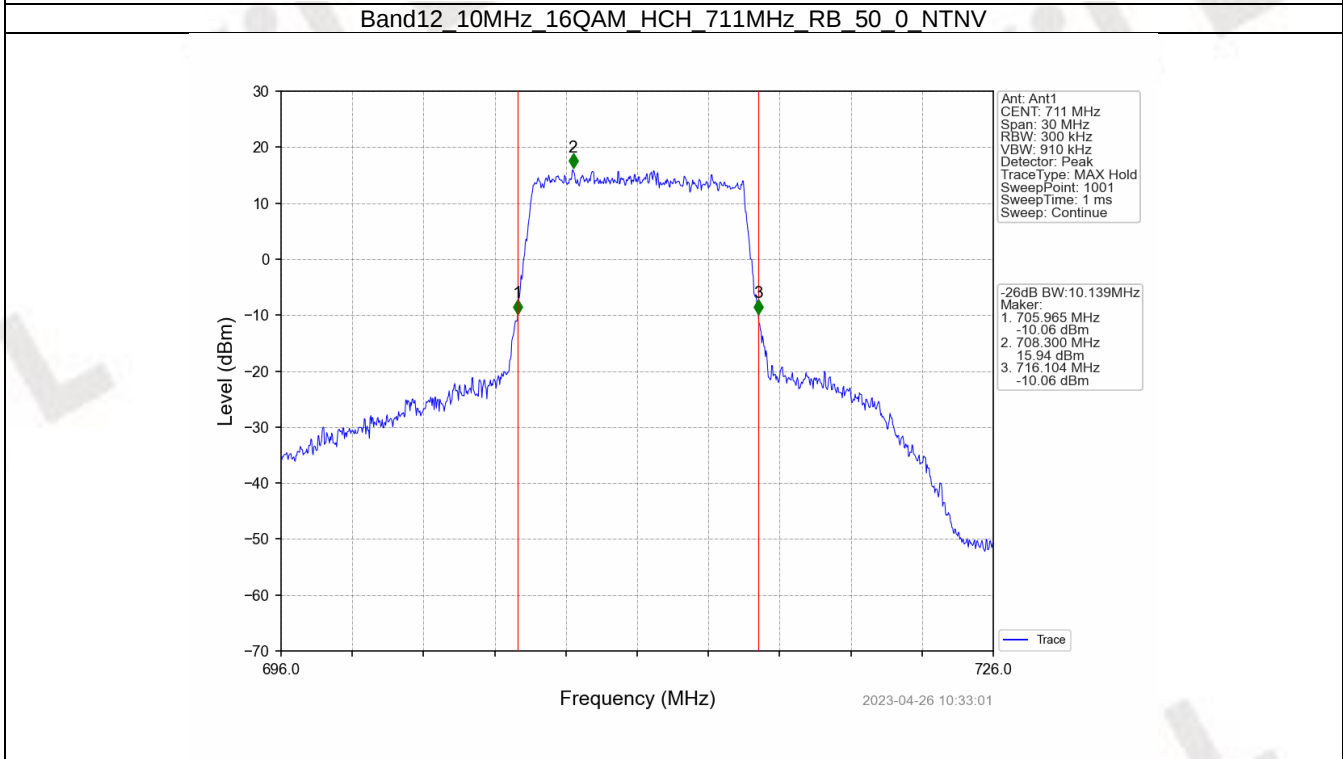
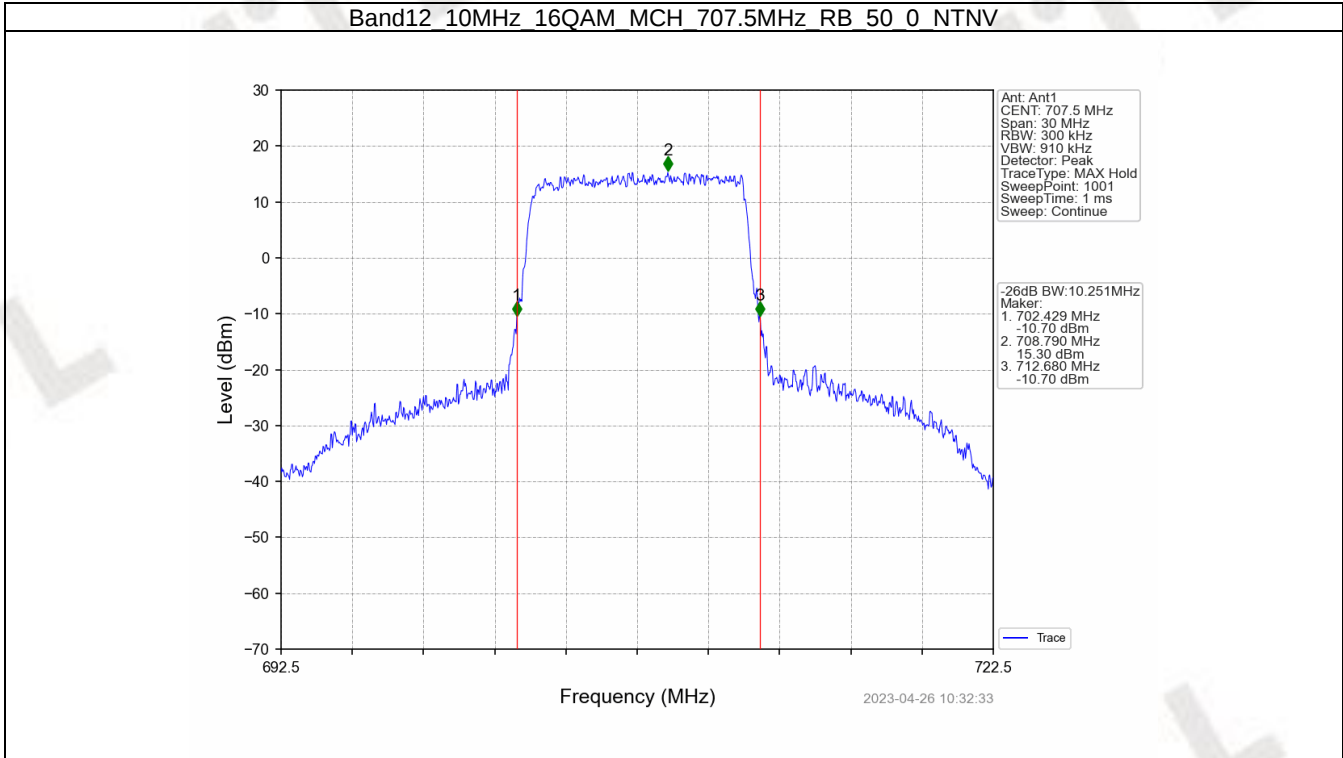


Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV





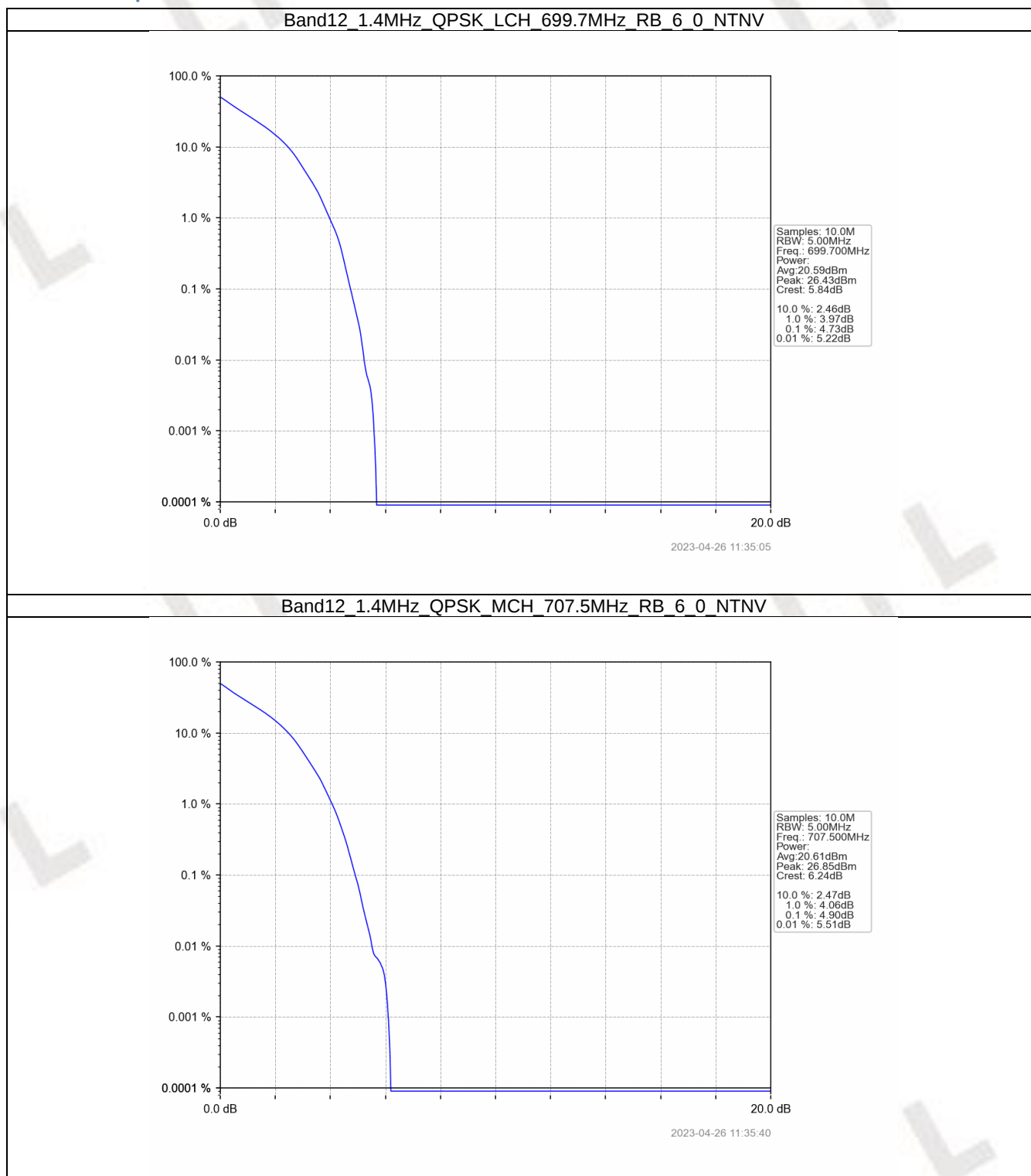
5. Peak-Average Ratio

5.1 B12_1.4MHz

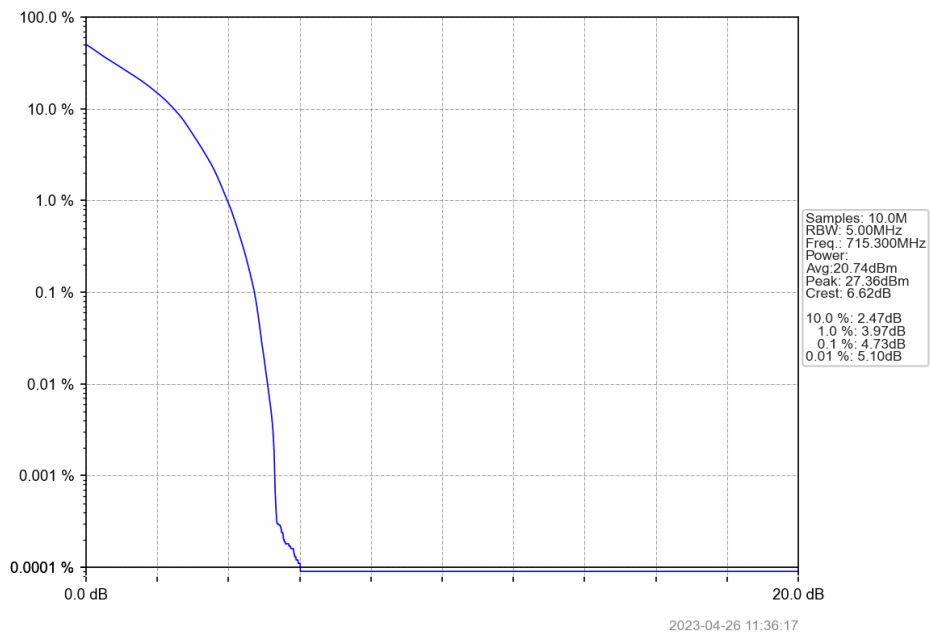
5.1.1 Test Result

Band: 12 / Bandwidth: 1.4MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	699.7	6	0	4.73	<=13	Pass
	707.5	6	0	4.90	<=13	Pass
	715.3	6	0	4.73	<=13	Pass
16QAM	699.7	6	0	5.62	<=13	Pass
	707.5	6	0	5.69	<=13	Pass
	715.3	6	0	5.56	<=13	Pass

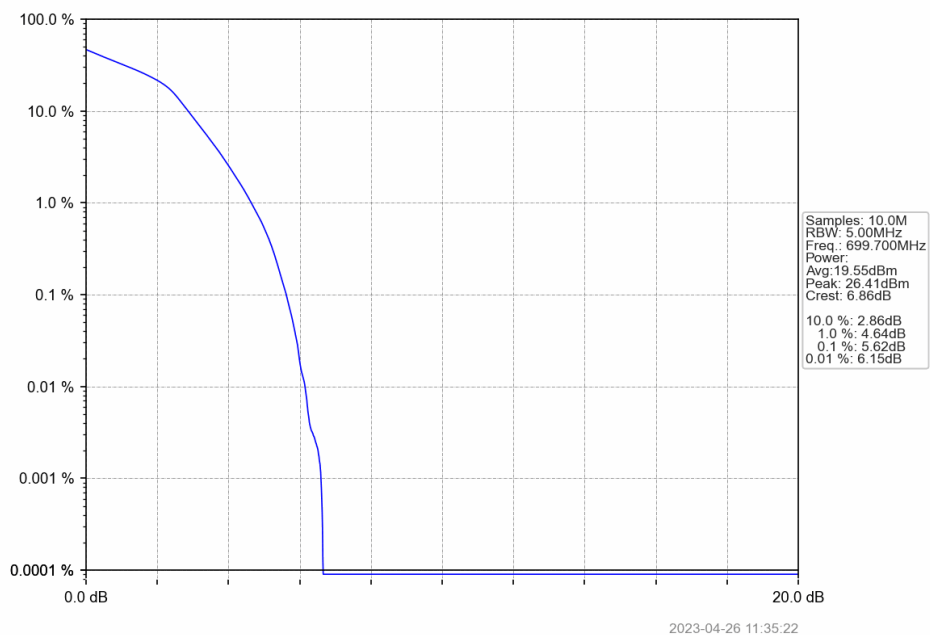
5.1.2 Test Graph



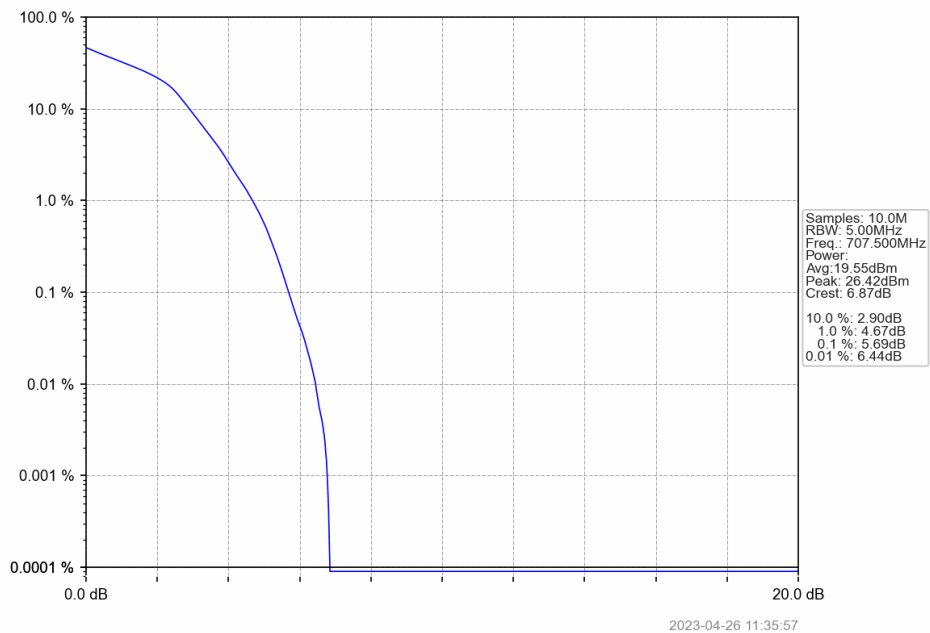
Band12 1.4MHz QPSK HCH 715.3MHz RB 6 0 NTV



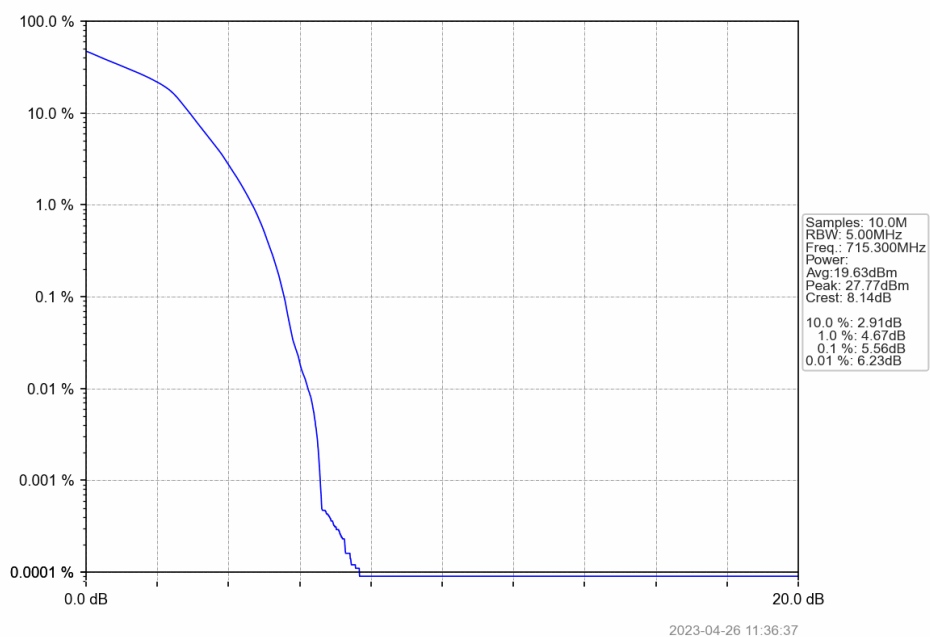
Band12 1.4MHz 16QAM LCH 699.7MHz RB 6 0 NTV



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



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

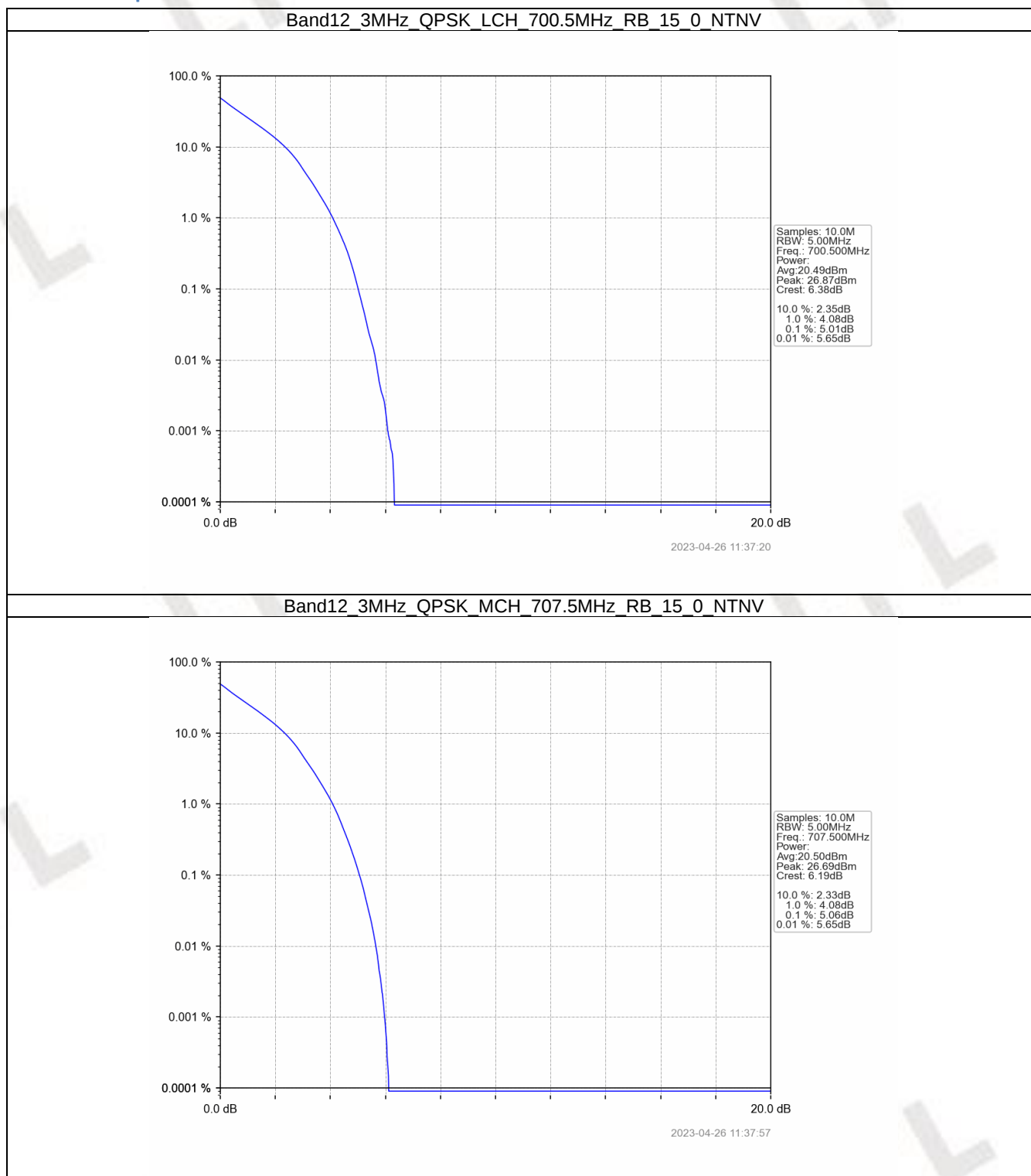


5.2 B12_3MHz

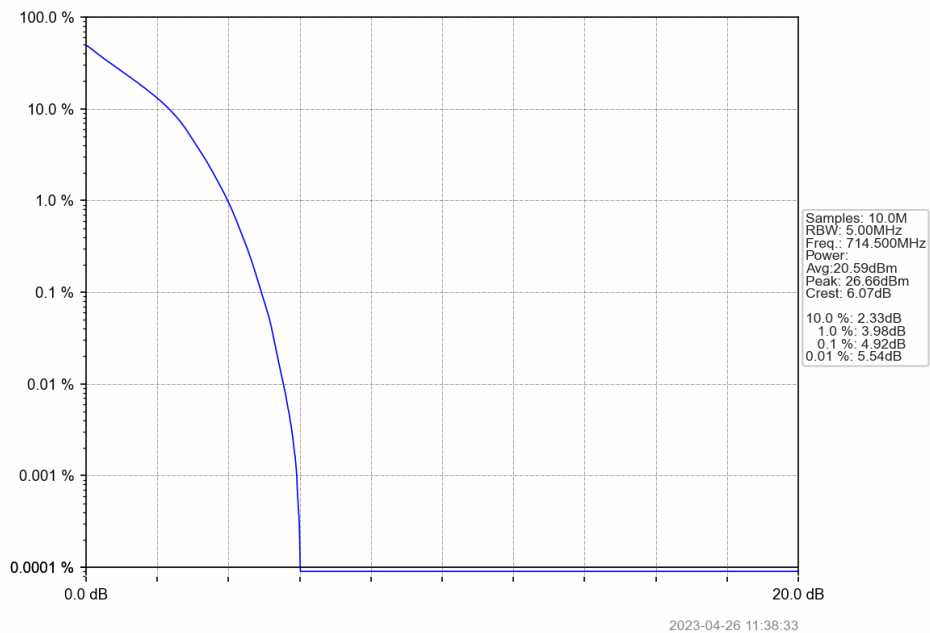
5.2.1 Test Result

Band: 12 / Bandwidth: 3MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	700.5	15	0	5.01	<=13	Pass
	707.5	15	0	5.06	<=13	Pass
	714.5	15	0	4.92	<=13	Pass
16QAM	700.5	15	0	5.81	<=13	Pass
	707.5	15	0	5.89	<=13	Pass
	714.5	15	0	5.71	<=13	Pass

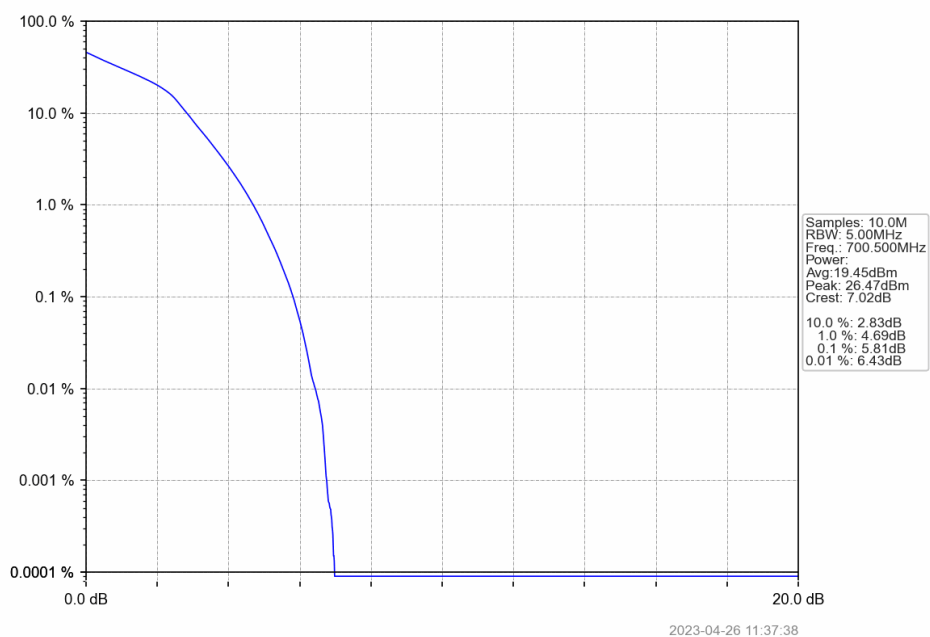
5.2.2 Test Graph



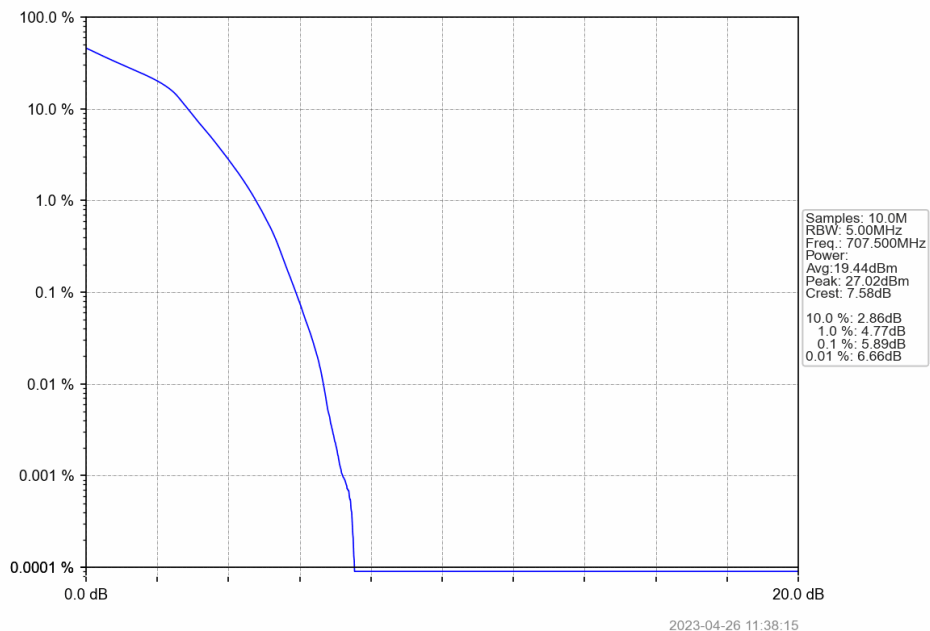
Band12 3MHz QPSK HCH 714.5MHz RB 15 0 NTNV



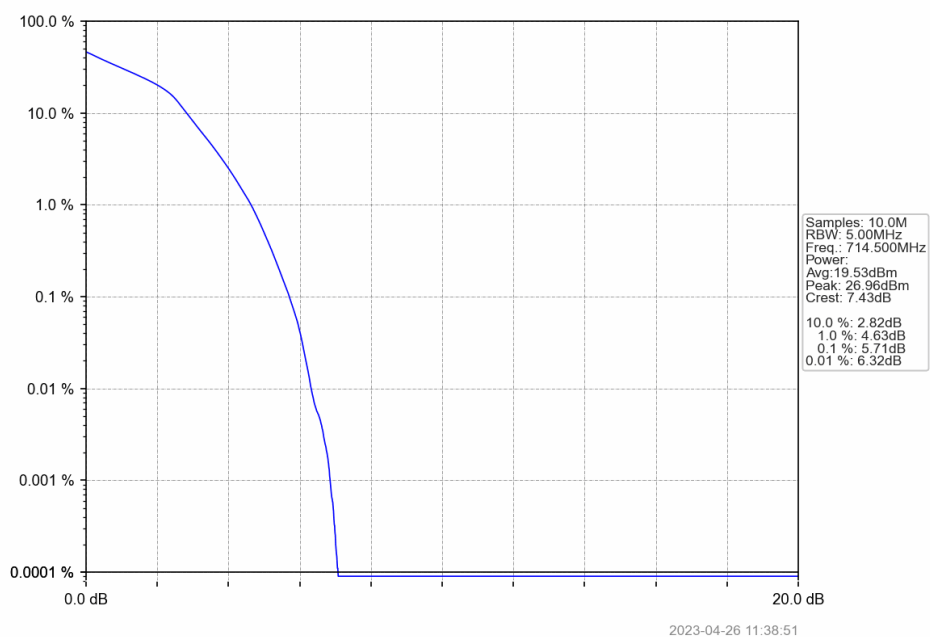
Band12 3MHz 16QAM LCH 700.5MHz RB 15 0 NTNV



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



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

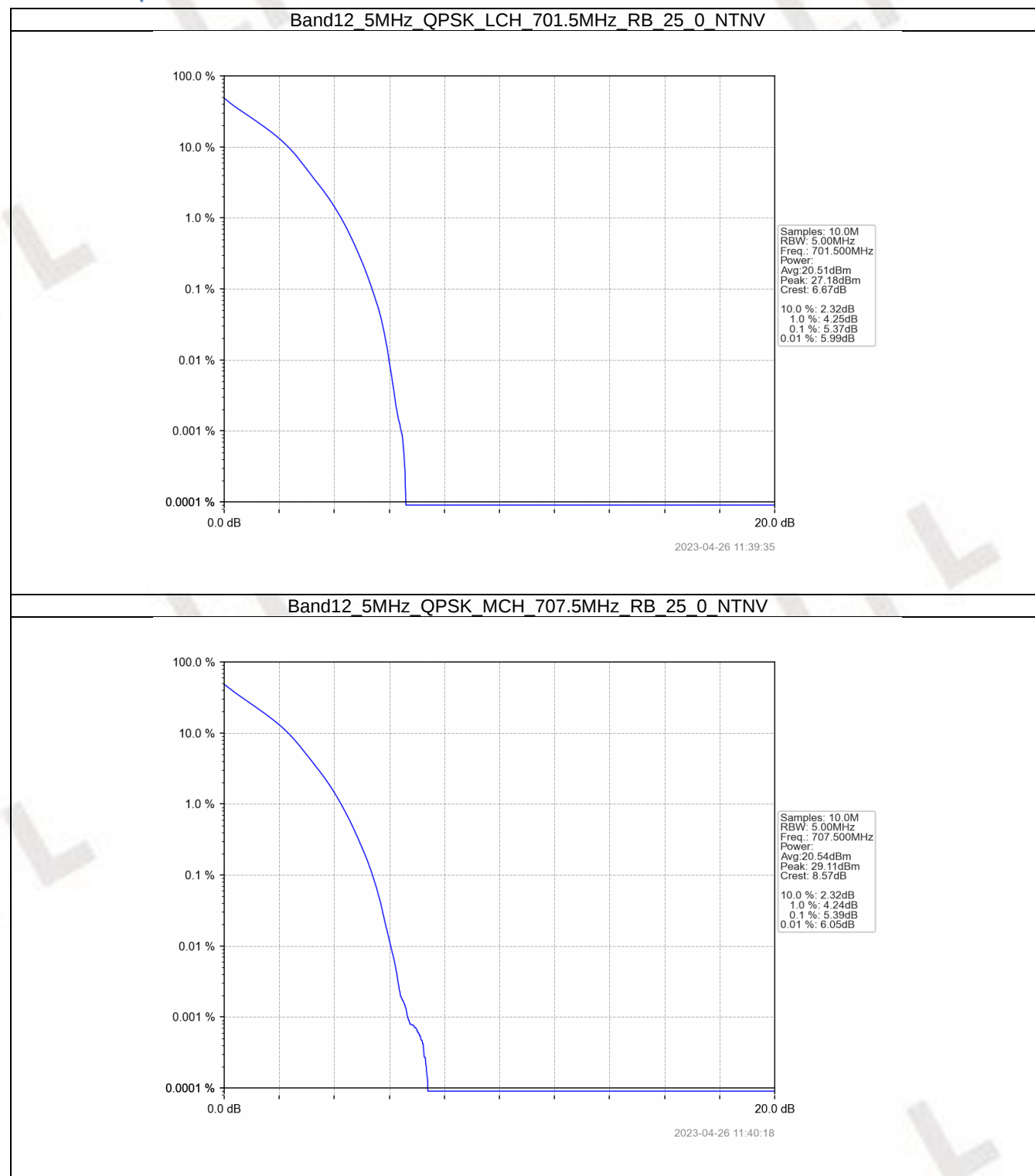


5.3 B12_5MHz

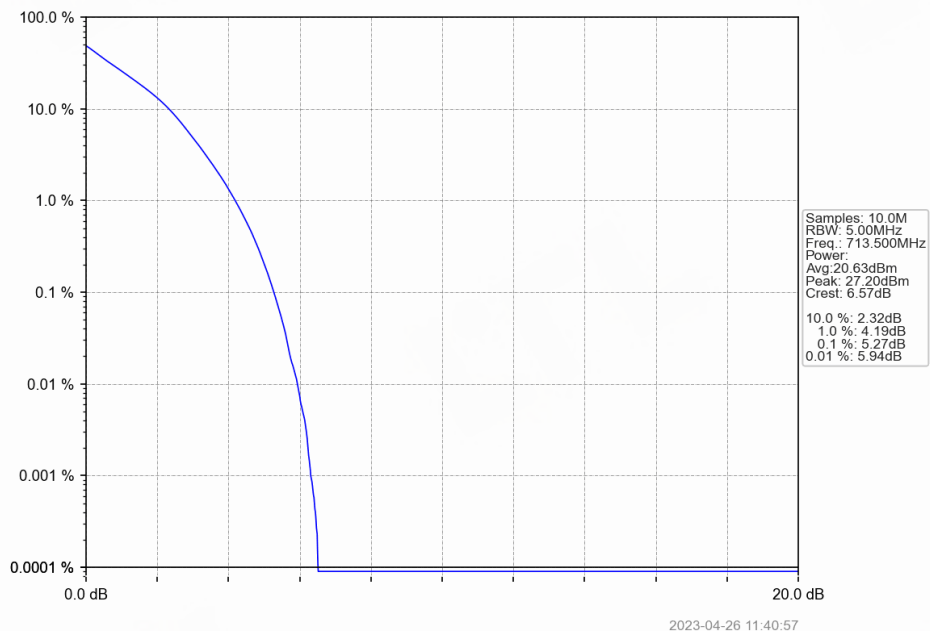
5.3.1 Test Result

Band: 12 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	701.5	25	0	5.37	<=13	Pass
	707.5	25	0	5.39	<=13	Pass
	713.5	25	0	5.27	<=13	Pass
16QAM	701.5	25	0	6.05	<=13	Pass
	707.5	25	0	6.05	<=13	Pass
	713.5	25	0	5.92	<=13	Pass

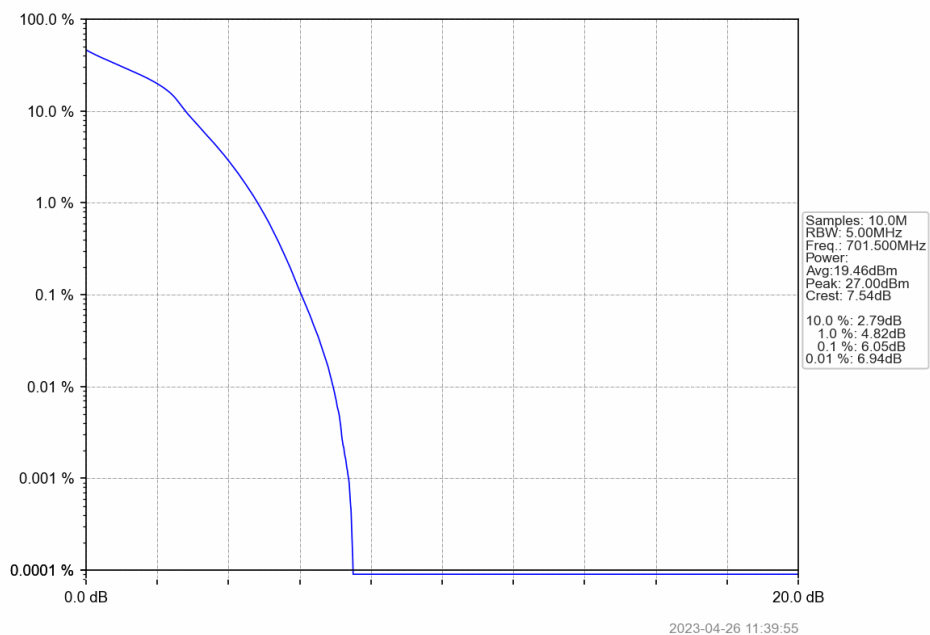
5.3.2 Test Graph



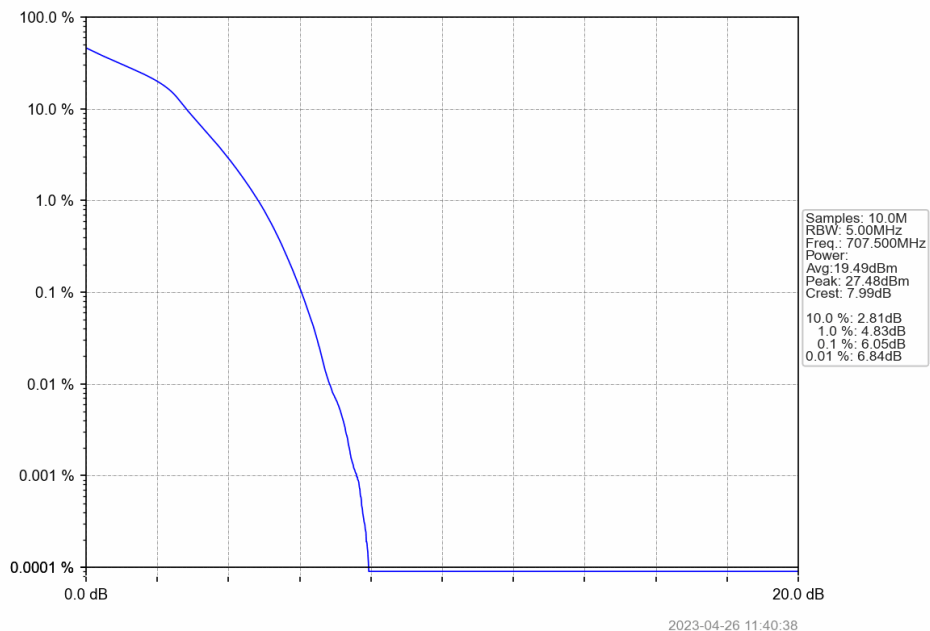
Band12 5MHz QPSK HCH 713.5MHz RB 25 0 NTV



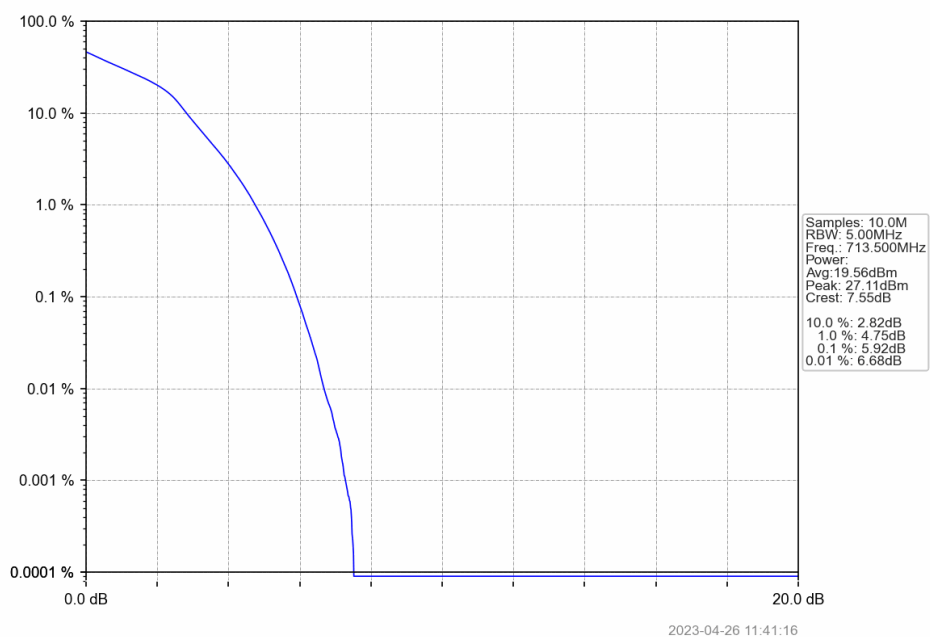
Band12 5MHz 16QAM LCH 701.5MHz RB 25 0 NTV



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



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

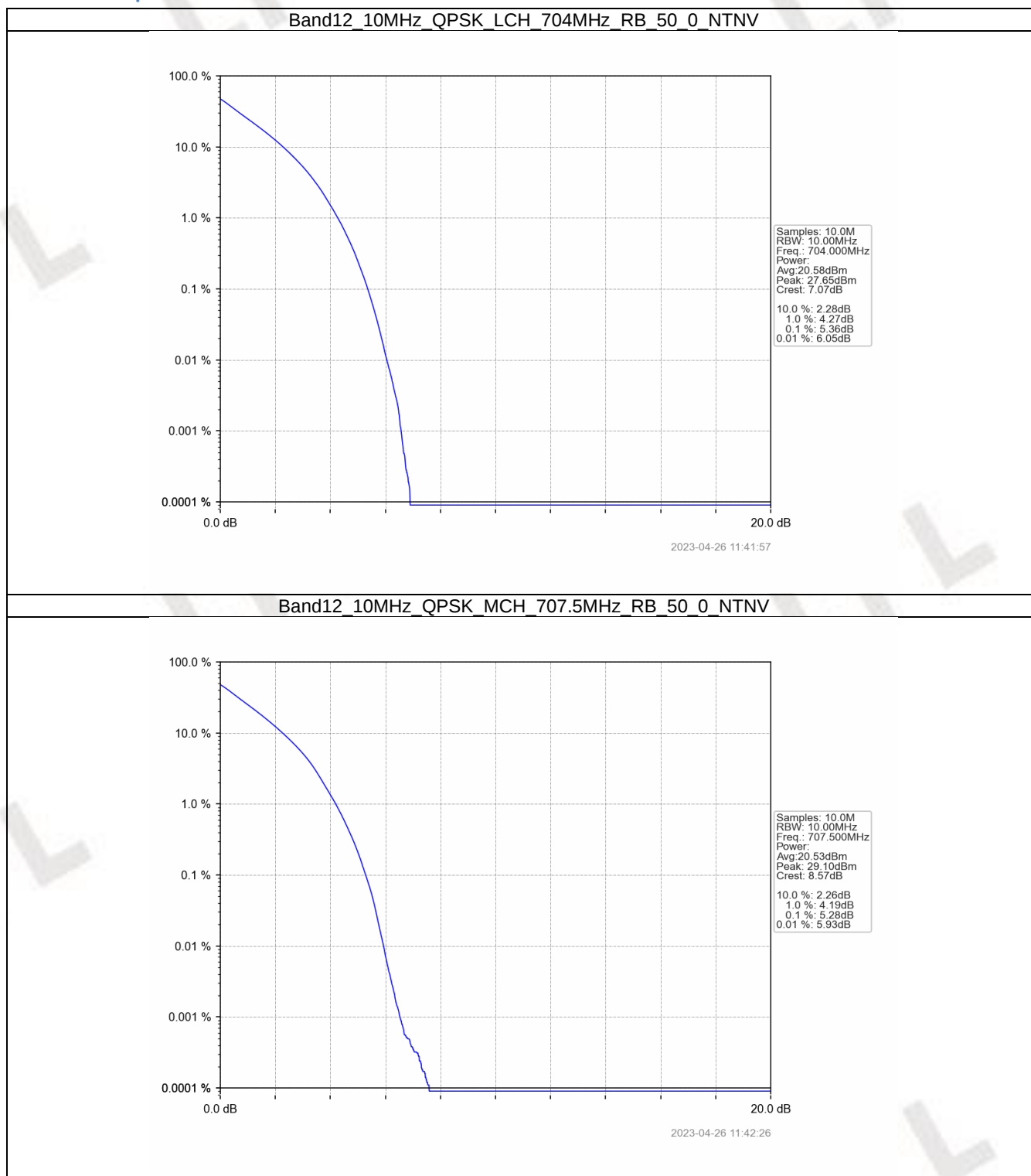


5.4 B12_10MHz

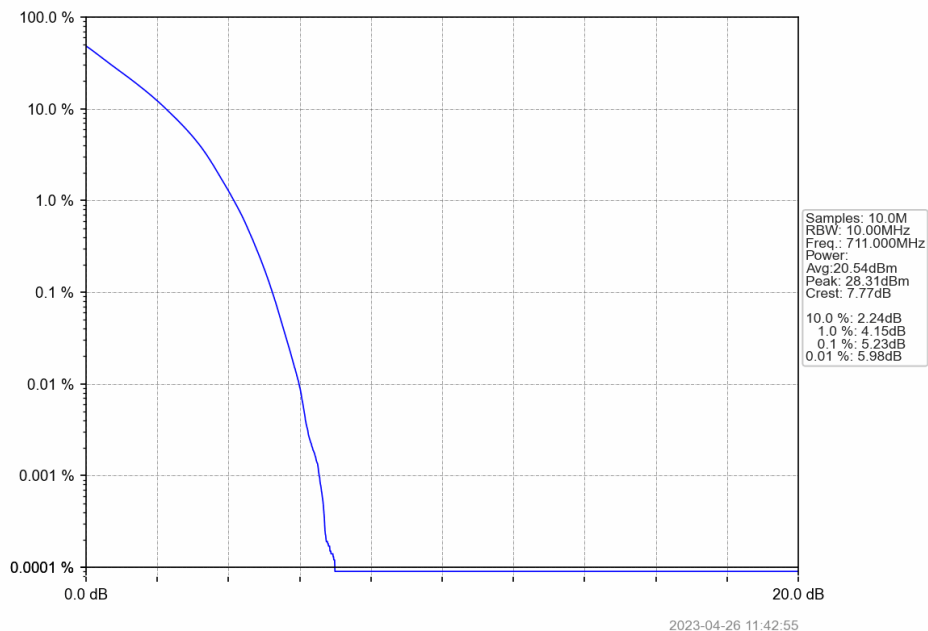
5.4.1 Test Result

Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	704	50	0	5.36	<=13	Pass
	707.5	50	0	5.28	<=13	Pass
	711	50	0	5.23	<=13	Pass
16QAM	704	50	0	6.09	<=13	Pass
	707.5	50	0	6.04	<=13	Pass
	711	50	0	5.94	<=13	Pass

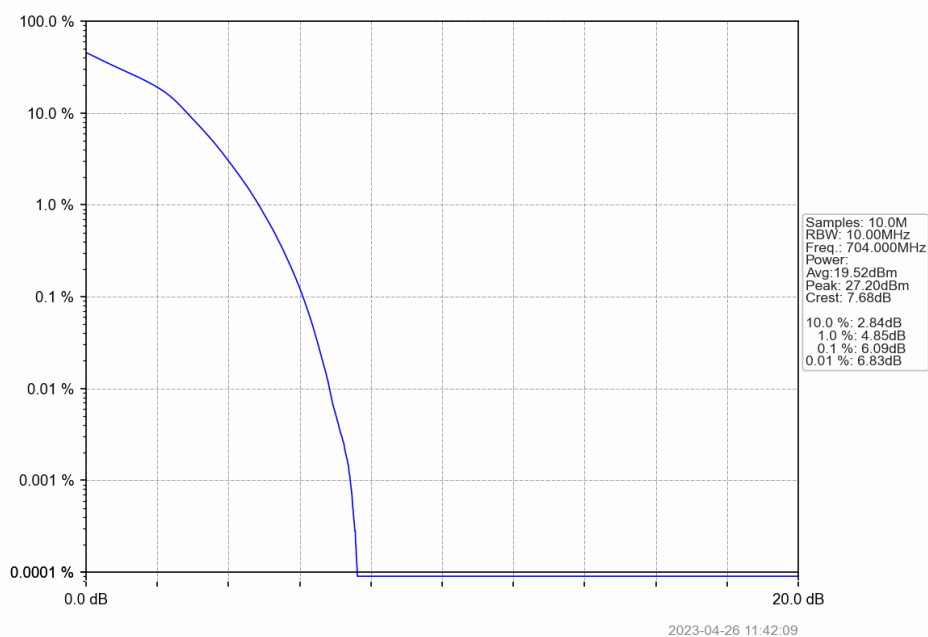
5.4.2 Test Graph



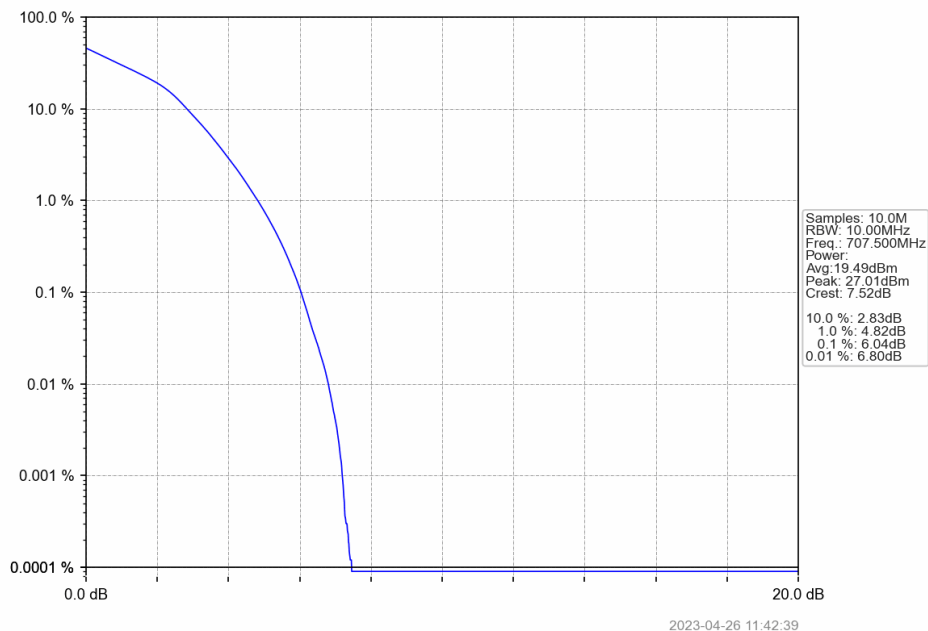
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



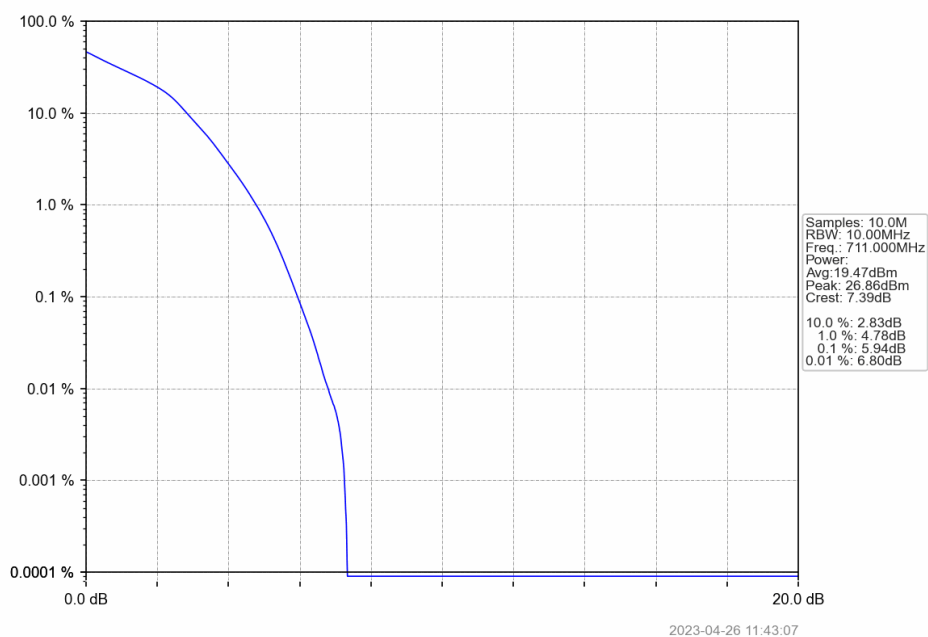
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



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



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



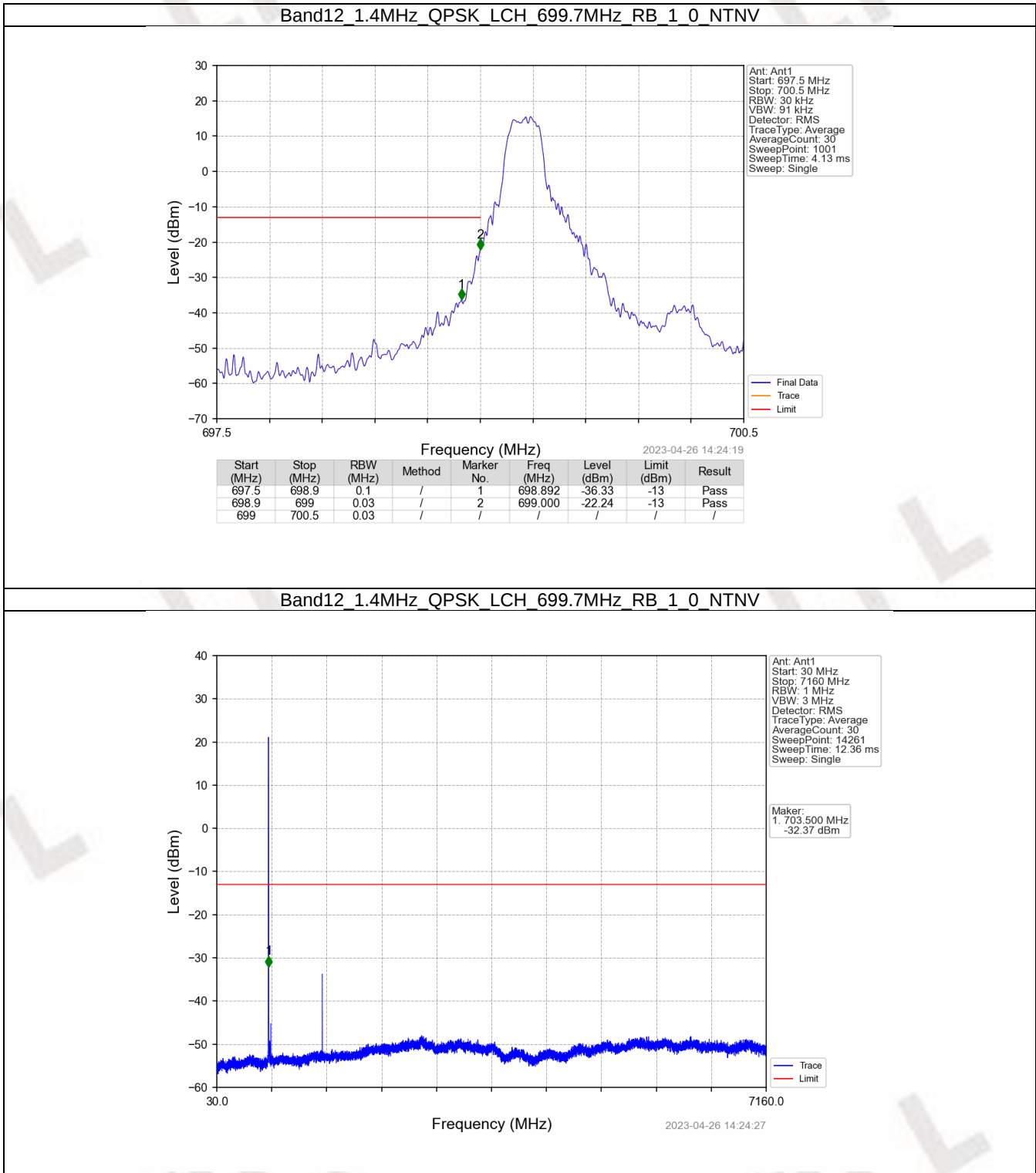
6. Spurious Emission

6.1 B12_1.4MHz

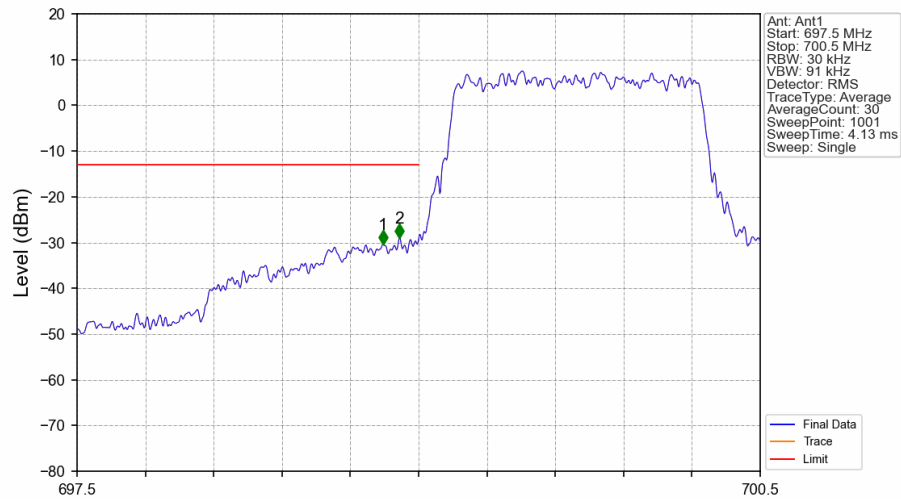
6.1.1 Test Result

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

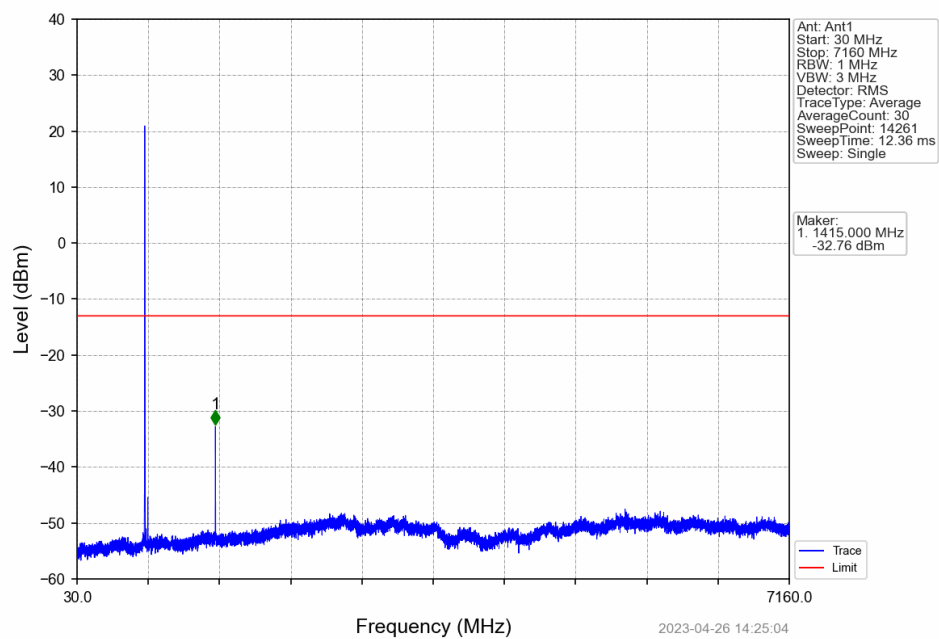


Band12 1.4MHz QPSK LCH 699.7MHz RB 6 0 NTV

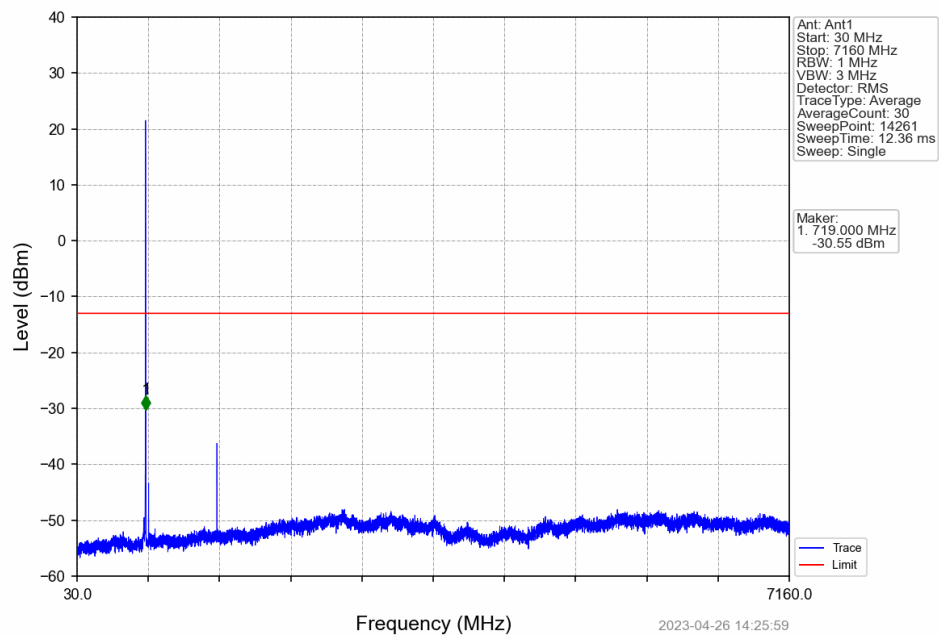


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
697.5	698.9	0.1	/	1	698.844	-30.38	-13	Pass
698.9	699	0.03	/	2	698.916	-28.98	-13	Pass
699	700.5	0.03	/	/	/	/	/	/

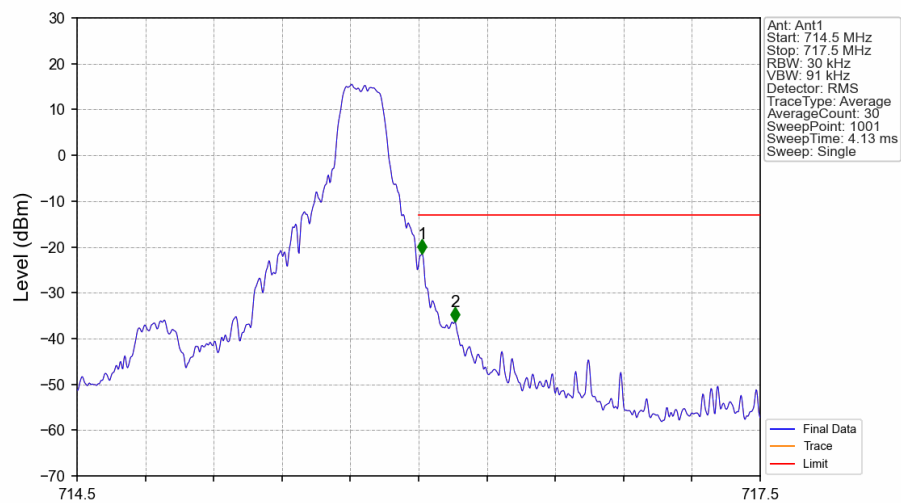
Band12 1.4MHz QPSK MCH 707.5MHz RB 1 0 NTV



Band12 1.4MHz QPSK HCH 715.3MHz RB 1 0 NTNV

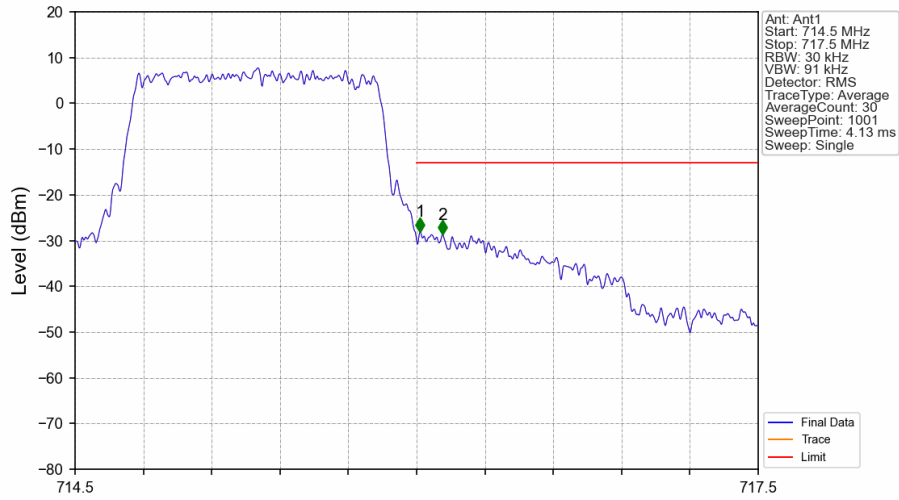


Band12 1.4MHz QPSK HCH 715.3MHz RB 1 5 NTNV



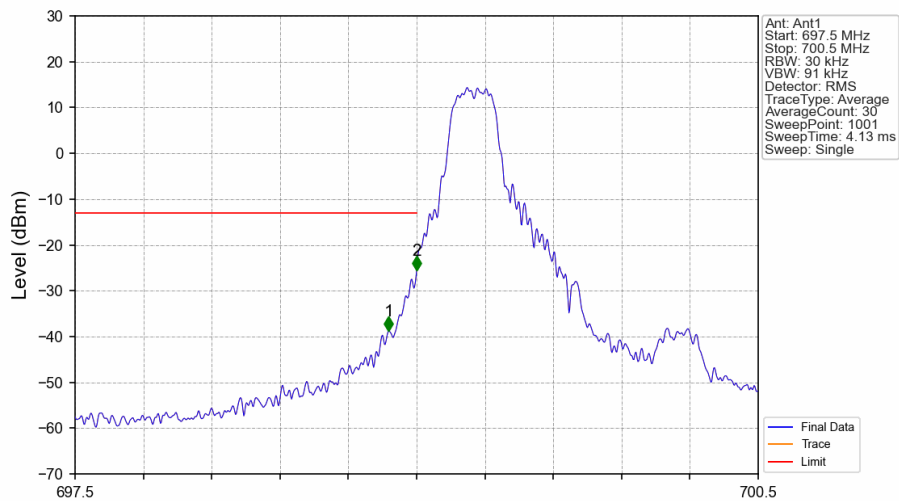
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
714.5	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.015	-21.54	-13	Pass
716.1	717.5	0.1	/	2	716.159	-36.34	-13	Pass

Band12 1.4MHz QPSK HCH 715.3MHz RB 6 0 NTV



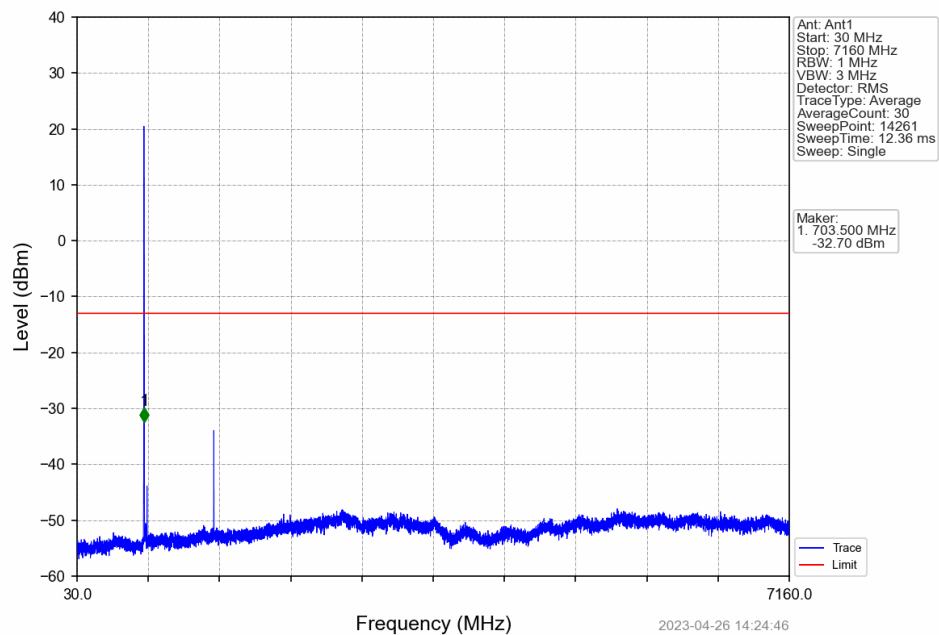
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
714.5	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.015	-28.07	-13	Pass
716.1	717.5	0.1	/	2	716.114	-28.68	-13	Pass

Band12 1.4MHz 16QAM LCH 699.7MHz RB 1 0 NTV

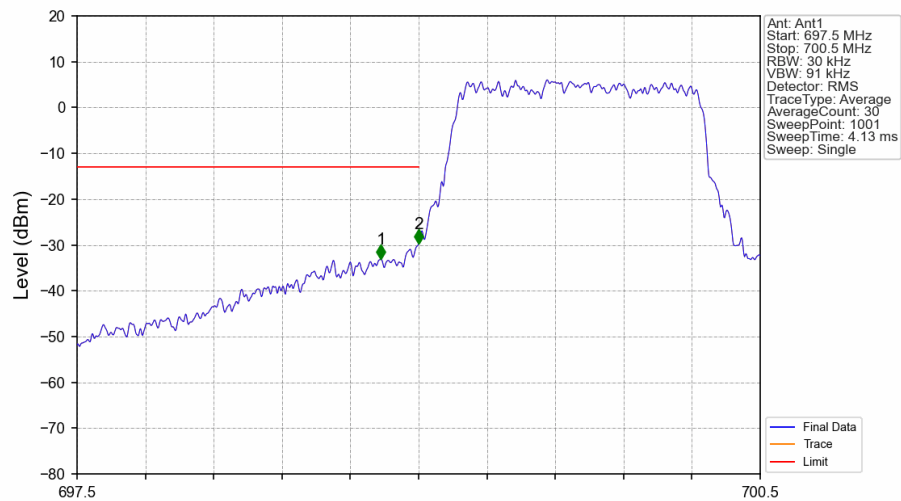


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
697.5	698.9	0.1	/	1	698.877	-38.75	-13	Pass
698.9	699	0.03	/	2	699.000	-25.53	-13	Pass
699	700.5	0.03	/	/	/	/	/	/

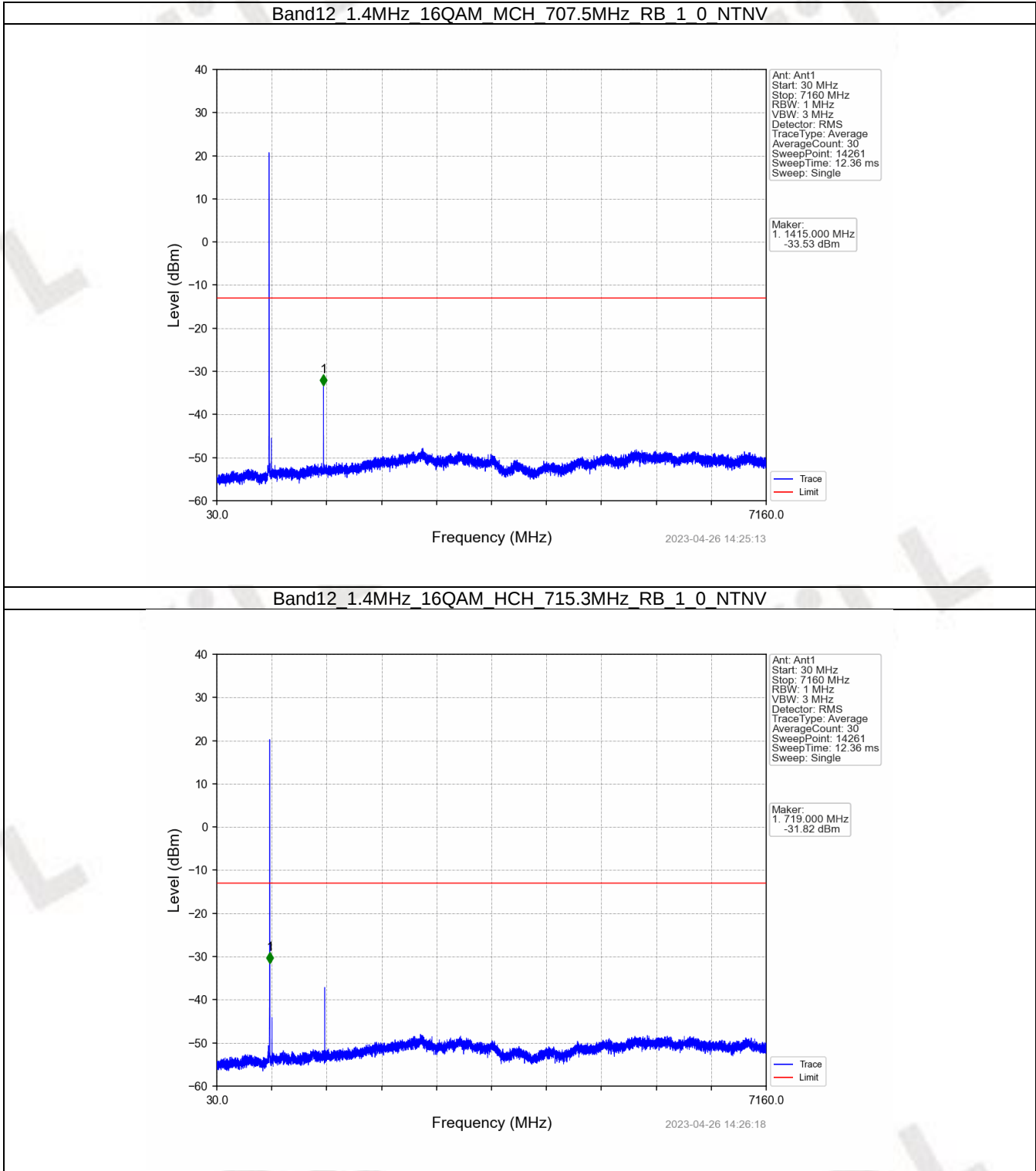
Band12 1.4MHz 16QAM LCH 699.7MHz RB 1 0 NTNV



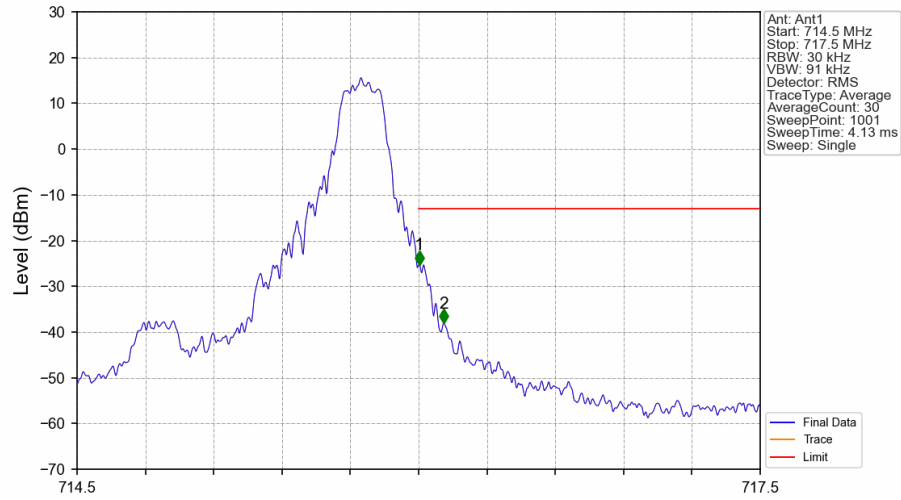
Band12 1.4MHz 16QAM LCH 699.7MHz RB 6 0 NTNV



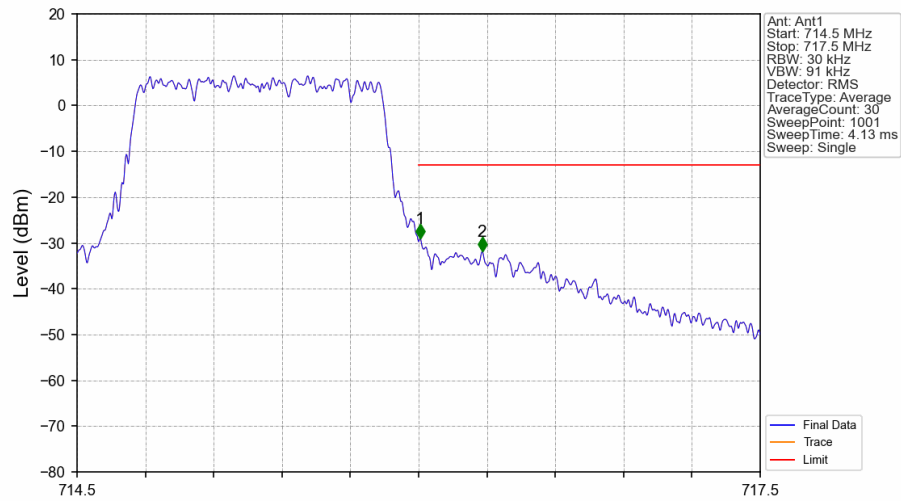
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
697.5	698.9	0.1	/	1	698.835	-33.14	-13	Pass
698.9	699	0.03	/	2	699.000	-29.73	-13	Pass
699	700.5	0.03	/	/	/	/	/	/



Band12 1.4MHz 16QAM HCH 715.3MHz RB 1 5 NTNV



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

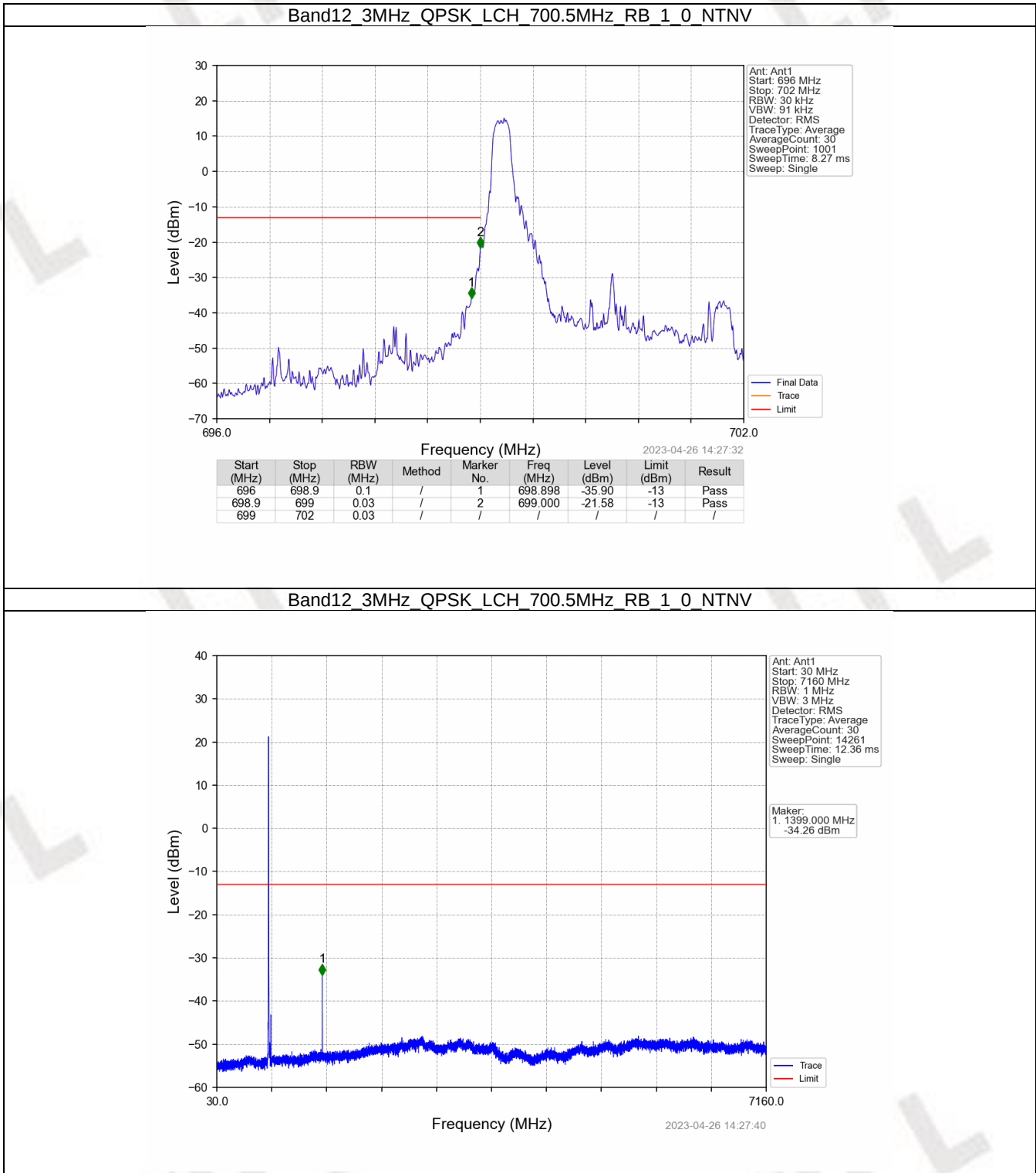


6.2 B12_3MHz

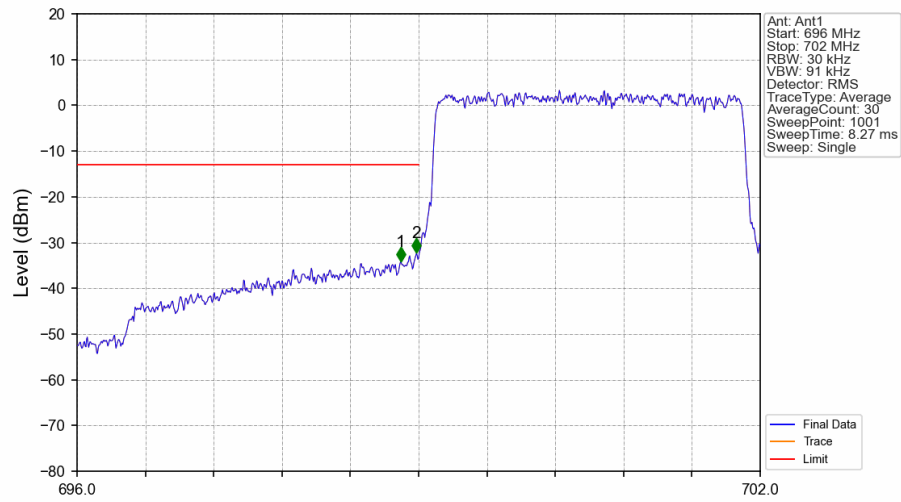
6.2.1 Test Result

Band: 12 / Bandwidth: 3MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	700.5	1	0	Refer To Test Graph	Pass
		15	0	Refer To Test Graph	Pass
	707.5	1	0	Refer To Test Graph	Pass
	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

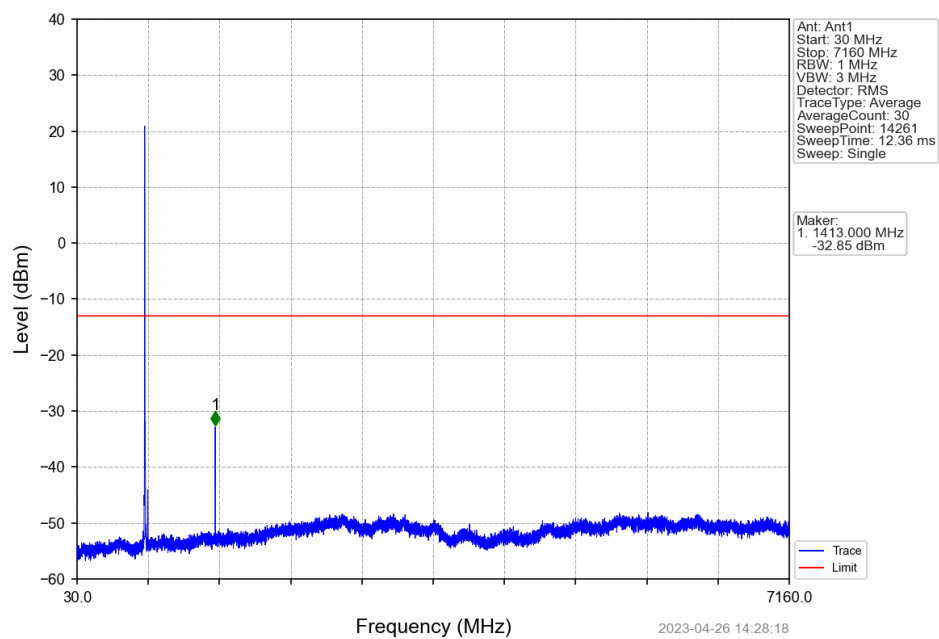


Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV

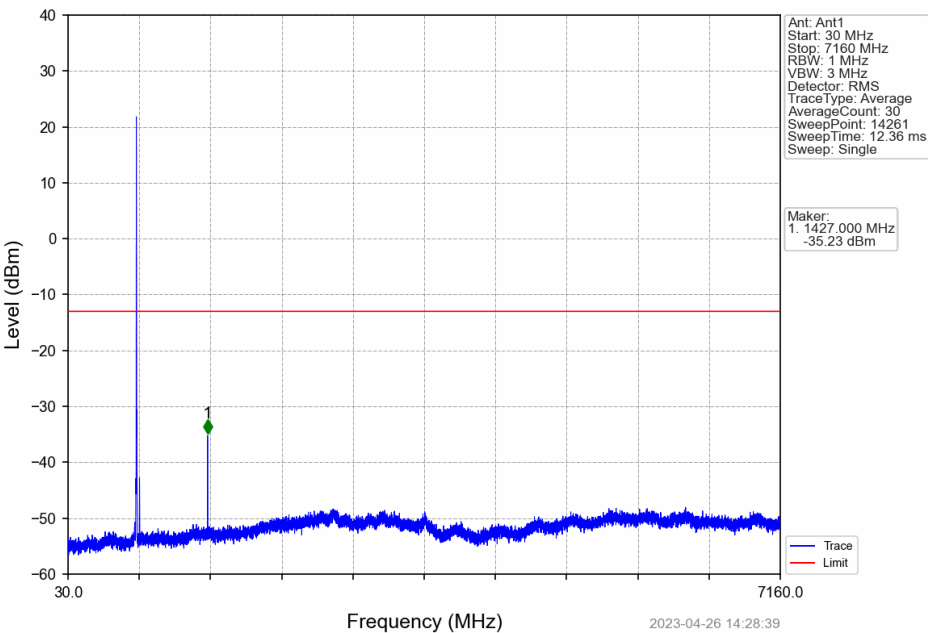


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	/	1	698.844	-34.12	-13	Pass
698.9	699	0.03	/	2	698.982	-32.28	-13	Pass
699	702	0.03	/	/	/	/	/	/

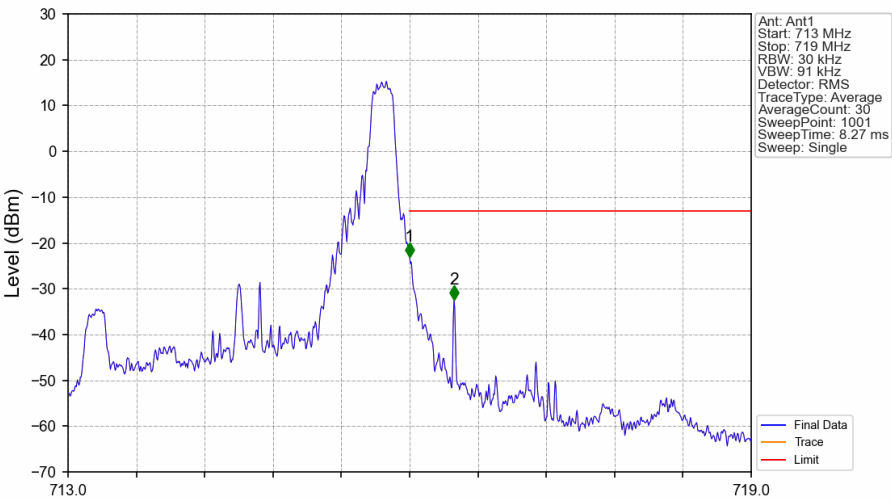
Band12_3MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



Band12 3MHz QPSK HCH 714.5MHz RB 1 0 NTN

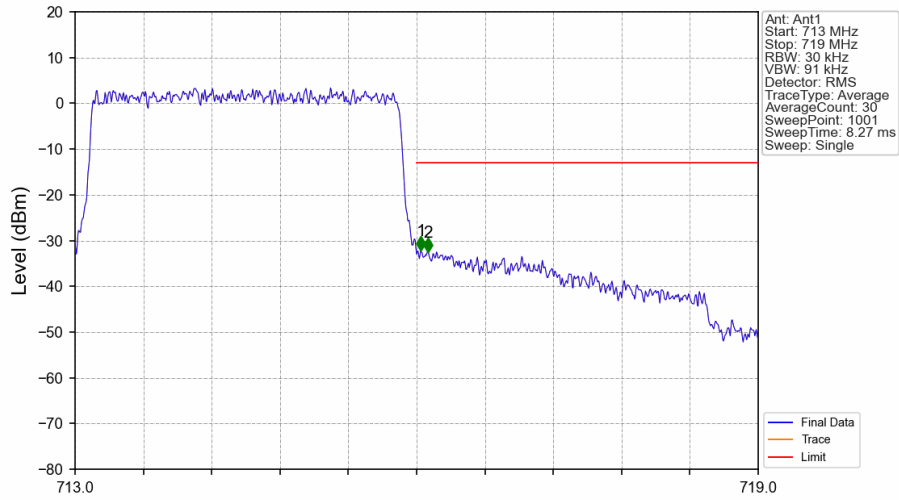


Band12 3MHz QPSK HCH 714.5MHz RB 1 14 NTN



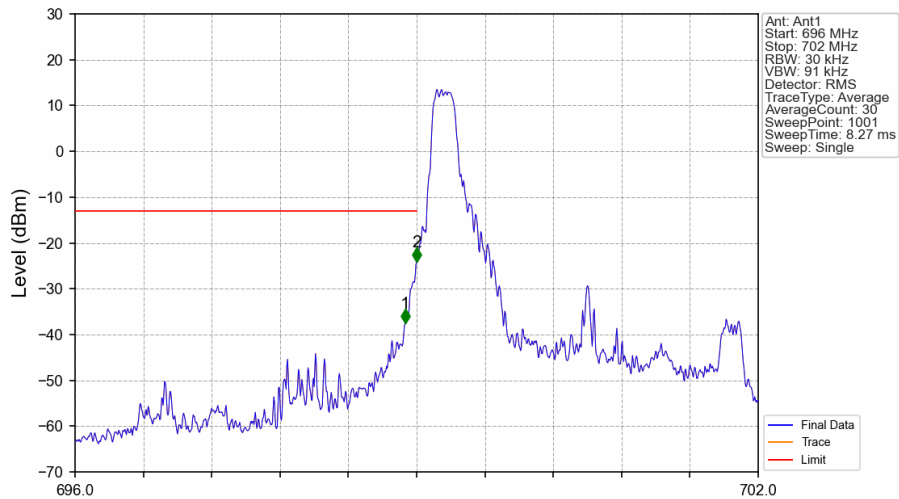
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-23.00	-13	Pass
716.1	719	0.1	/	2	716.390	-32.34	-13	Pass

Band12 3MHz QPSK HCH 714.5MHz RB 15 0 NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.036	-32.23	-13	Pass
716.1	719	0.1	/	2	716.102	-32.51	-13	Pass

Band12 3MHz 16QAM LCH 700.5MHz RB 1 0 NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	/	1	698.898	-37.53	-13	Pass
698.9	699	0.03	/	2	699.000	-24.13	-13	Pass
699	702	0.03	/	/	/	/	/	/