

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	21.77	-6.51	13.11	<=34.77	Pass	
			2	21.87	-6.51	13.21	<=34.77	Pass	
			5	21.89	-6.51	13.23	<=34.77	Pass	
		3	0	21.83	-6.51	13.17	<=34.77	Pass	
			2	21.80	-6.51	13.14	<=34.77	Pass	
			3	21.79	-6.51	13.13	<=34.77	Pass	
		6	0	20.83	-6.51	12.17	<=34.77	Pass	
		707.5	1	0	21.51	-6.51	12.85	<=34.77	Pass
				2	21.62	-6.51	12.96	<=34.77	Pass
	5			21.69	-6.51	13.03	<=34.77	Pass	
	3		0	21.55	-6.51	12.89	<=34.77	Pass	
			2	21.60	-6.51	12.94	<=34.77	Pass	
			3	21.62	-6.51	12.96	<=34.77	Pass	
	6		0	20.71	-6.51	12.05	<=34.77	Pass	
	715.3	1	0	21.88	-6.51	13.22	<=34.77	Pass	
			2	21.66	-6.51	13.00	<=34.77	Pass	
			5	21.68	-6.51	13.02	<=34.77	Pass	
		3	0	21.95	-6.51	13.29	<=34.77	Pass	
			2	21.73	-6.51	13.07	<=34.77	Pass	
			3	21.68	-6.51	13.02	<=34.77	Pass	
		6	0	20.66	-6.51	12.00	<=34.77	Pass	
	16QAM	699.7	1	0	20.91	-6.51	12.25	<=34.77	Pass
				2	20.80	-6.51	12.14	<=34.77	Pass
				5	20.80	-6.51	12.14	<=34.77	Pass
3			0	20.49	-6.51	11.83	<=34.77	Pass	
			2	20.55	-6.51	11.89	<=34.77	Pass	
			3	20.50	-6.51	11.84	<=34.77	Pass	
6			0	20.21	-6.51	11.55	<=34.77	Pass	
707.5			1	0	21.20	-6.51	12.54	<=34.77	Pass
				2	21.26	-6.51	12.60	<=34.77	Pass
		5		21.26	-6.51	12.60	<=34.77	Pass	
		3	0	20.57	-6.51	11.91	<=34.77	Pass	
			2	20.64	-6.51	11.98	<=34.77	Pass	
			3	20.59	-6.51	11.93	<=34.77	Pass	
		6	0	20.21	-6.51	11.55	<=34.77	Pass	
715.3		1	0	21.64	-6.51	12.98	<=34.77	Pass	
			2	21.32	-6.51	12.66	<=34.77	Pass	
			5	21.34	-6.51	12.68	<=34.77	Pass	
		3	0	20.92	-6.51	12.26	<=34.77	Pass	
			2	20.57	-6.51	11.91	<=34.77	Pass	
			3	20.51	-6.51	11.85	<=34.77	Pass	
		6	0	19.66	-6.51	11.00	<=34.77	Pass	
Note1: ERP=Conducted Power+Antenna Gain-2.15									

1.1.2 B12 3MHz ERP

Band: 12 / Bandwidth: 3MHz / NTV

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	700.5	1	0	21.78	-6.51	13.12	<=34.77	Pass	
			7	21.69	-6.51	13.03	<=34.77	Pass	
			14	21.70	-6.51	13.04	<=34.77	Pass	
		8	0	20.81	-6.51	12.15	<=34.77	Pass	
			4	20.75	-6.51	12.09	<=34.77	Pass	
			7	21.12	-6.51	12.46	<=34.77	Pass	
		15	0	20.80	-6.51	12.14	<=34.77	Pass	
		707.5	1	0	21.57	-6.51	12.91	<=34.77	Pass
				7	21.66	-6.51	13.00	<=34.77	Pass
	14			21.63	-6.51	12.97	<=34.77	Pass	
	8		0	20.68	-6.51	12.02	<=34.77	Pass	
			4	20.67	-6.51	12.01	<=34.77	Pass	
			7	20.67	-6.51	12.01	<=34.77	Pass	
	15	0	20.69	-6.51	12.03	<=34.77	Pass		
	714.5	1	0	22.01	-6.51	13.35	<=34.77	Pass	
			7	22.04	-6.51	13.38	<=34.77	Pass	
			14	21.84	-6.51	13.18	<=34.77	Pass	
		8	0	21.06	-6.51	12.40	<=34.77	Pass	
			4	21.00	-6.51	12.34	<=34.77	Pass	
			7	20.76	-6.51	12.10	<=34.77	Pass	
		15	0	21.02	-6.51	12.36	<=34.77	Pass	
16QAM		700.5	1	0	21.54	-6.51	12.88	<=34.77	Pass
	7			21.51	-6.51	12.85	<=34.77	Pass	
	14			21.90	-6.51	13.24	<=34.77	Pass	
	8		0	20.24	-6.51	11.58	<=34.77	Pass	
			4	20.23	-6.51	11.57	<=34.77	Pass	
			7	20.22	-6.51	11.56	<=34.77	Pass	
	15		0	20.16	-6.51	11.50	<=34.77	Pass	
	707.5	1	0	21.44	-6.51	12.78	<=34.77	Pass	
			7	21.46	-6.51	12.80	<=34.77	Pass	
			14	21.42	-6.51	12.76	<=34.77	Pass	
		8	0	20.30	-6.51	11.64	<=34.77	Pass	
			4	20.31	-6.51	11.65	<=34.77	Pass	
			7	20.36	-6.51	11.70	<=34.77	Pass	
	15	0	20.07	-6.51	11.41	<=34.77	Pass		
	714.5	1	0	21.28	-6.51	12.62	<=34.77	Pass	
			7	21.25	-6.51	12.59	<=34.77	Pass	
			14	20.99	-6.51	12.33	<=34.77	Pass	
		8	0	20.19	-6.51	11.53	<=34.77	Pass	
			4	20.21	-6.51	11.55	<=34.77	Pass	
			7	19.75	-6.51	11.09	<=34.77	Pass	
		15	0	20.01	-6.51	11.35	<=34.77	Pass	
Note1: ERP=Conducted Power+Antenna Gain-2.15									

1.1.3 B12_5MHz_ERP

Band: 12 / Bandwidth: 5MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	701.5	1	0	21.09	-6.51	12.43	<=34.77	Pass
			13	21.16	-6.51	12.50	<=34.77	Pass
			24	21.13	-6.51	12.47	<=34.77	Pass
		12	0	21.11	-6.51	12.45	<=34.77	Pass
			6	21.10	-6.51	12.44	<=34.77	Pass
			13	21.09	-6.51	12.43	<=34.77	Pass

16QAM	707.5	25	0	21.09	-6.51	12.43	<=34.77	Pass
		1	0	20.76	-6.51	12.10	<=34.77	Pass
			13	20.73	-6.51	12.07	<=34.77	Pass
			24	20.72	-6.51	12.06	<=34.77	Pass
		12	0	20.72	-6.51	12.06	<=34.77	Pass
			6	20.72	-6.51	12.06	<=34.77	Pass
			13	20.71	-6.51	12.05	<=34.77	Pass
		25	0	20.71	-6.51	12.05	<=34.77	Pass
	713.5	1	0	20.99	-6.51	12.33	<=34.77	Pass
			13	20.99	-6.51	12.33	<=34.77	Pass
			24	20.99	-6.51	12.33	<=34.77	Pass
		12	0	20.99	-6.51	12.33	<=34.77	Pass
			6	21.00	-6.51	12.34	<=34.77	Pass
			13	21.00	-6.51	12.34	<=34.77	Pass
		25	0	21.00	-6.51	12.34	<=34.77	Pass
	701.5	1	0	21.08	-6.51	12.42	<=34.77	Pass
			13	21.08	-6.51	12.42	<=34.77	Pass
			24	21.07	-6.51	12.41	<=34.77	Pass
		12	0	21.08	-6.51	12.42	<=34.77	Pass
			6	21.12	-6.51	12.46	<=34.77	Pass
			13	21.15	-6.51	12.49	<=34.77	Pass
		25	0	21.23	-6.51	12.57	<=34.77	Pass
	707.5	1	0	20.71	-6.51	12.05	<=34.77	Pass
			13	20.70	-6.51	12.04	<=34.77	Pass
			24	20.70	-6.51	12.04	<=34.77	Pass
		12	0	20.70	-6.51	12.04	<=34.77	Pass
			6	20.70	-6.51	12.04	<=34.77	Pass
			13	20.70	-6.51	12.04	<=34.77	Pass
		25	0	20.69	-6.51	12.03	<=34.77	Pass
	713.5	1	0	21.00	-6.51	12.34	<=34.77	Pass
			13	21.00	-6.51	12.34	<=34.77	Pass
			24	21.00	-6.51	12.34	<=34.77	Pass
		12	0	21.00	-6.51	12.34	<=34.77	Pass
			6	21.01	-6.51	12.35	<=34.77	Pass
			13	21.01	-6.51	12.35	<=34.77	Pass
		25	0	21.01	-6.51	12.35	<=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	21.68	-6.51	13.02	<=34.77	Pass
			25	21.64	-6.51	12.98	<=34.77	Pass
			49	21.63	-6.51	12.97	<=34.77	Pass
		25	0	21.10	-6.51	12.44	<=34.77	Pass
			13	20.39	-6.51	11.73	<=34.77	Pass
			25	20.71	-6.51	12.05	<=34.77	Pass
		50	0	20.37	-6.51	11.71	<=34.77	Pass
	707.5	1	0	21.65	-6.51	12.99	<=34.77	Pass
			25	21.67	-6.51	13.01	<=34.77	Pass
			49	21.73	-6.51	13.07	<=34.77	Pass
		25	0	20.68	-6.51	12.02	<=34.77	Pass
			13	20.77	-6.51	12.11	<=34.77	Pass
			25	20.86	-6.51	12.20	<=34.77	Pass
		50	0	20.83	-6.51	12.17	<=34.77	Pass

16QAM	711	1	0	21.74	-6.51	13.08	<=34.77	Pass
			25	21.74	-6.51	13.08	<=34.77	Pass
			49	21.78	-6.51	13.12	<=34.77	Pass
		25	0	20.63	-6.51	11.97	<=34.77	Pass
			13	20.80	-6.51	12.14	<=34.77	Pass
			25	21.04	-6.51	12.38	<=34.77	Pass
		50	0	20.66	-6.51	12.00	<=34.77	Pass
	704	1	0	21.61	-6.51	12.95	<=34.77	Pass
			25	21.41	-6.51	12.75	<=34.77	Pass
			49	21.47	-6.51	12.81	<=34.77	Pass
		12	0	20.74	-6.51	12.08	<=34.77	Pass
			19	20.46	-6.51	11.80	<=34.77	Pass
			38	20.76	-6.51	12.10	<=34.77	Pass
		27	0	20.26	-6.51	11.60	<=34.77	Pass
	707.5	1	0	21.10	-6.51	12.44	<=34.77	Pass
			25	20.69	-6.51	12.03	<=34.77	Pass
			49	20.64	-6.51	11.98	<=34.77	Pass
		12	0	20.46	-6.51	11.80	<=34.77	Pass
			19	20.68	-6.51	12.02	<=34.77	Pass
			38	20.65	-6.51	11.99	<=34.77	Pass
		27	0	20.15	-6.51	11.49	<=34.77	Pass
	711	1	0	21.18	-6.51	12.52	<=34.77	Pass
			25	21.20	-6.51	12.54	<=34.77	Pass
			49	21.28	-6.51	12.62	<=34.77	Pass
		12	0	20.53	-6.51	11.87	<=34.77	Pass
			19	20.56	-6.51	11.90	<=34.77	Pass
			38	20.99	-6.51	12.33	<=34.77	Pass
		27	23	20.14	-6.51	11.48	<=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	0.315	0.0005	-2.5 to 2.5	Pass
					3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
					4.43	-0.043	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-0.930	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-1.802	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-1.631	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-3.262	-0.0047	-2.5 to 2.5	Pass
				10	3.85	-1.702	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-4.005	-0.0057	-2.5 to 2.5	Pass
				40	3.85	-2.403	-0.0034	-2.5 to 2.5	Pass
				50	3.85	-3.362	-0.0048	-2.5 to 2.5	Pass
	707.5	6	0	20	3.27	2.060	0.0029	-2.5 to 2.5	Pass
					3.85	-1.731	-0.0024	-2.5 to 2.5	Pass
					4.43	-0.544	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	1.788	0.0025	-2.5 to 2.5	Pass
				-20	3.85	2.847	0.0040	-2.5 to 2.5	Pass
				-10	3.85	1.044	0.0015	-2.5 to 2.5	Pass

				0	3.85	1.616	0.0023	-2.5 to 2.5	Pass
				10	3.85	1.459	0.0021	-2.5 to 2.5	Pass
				30	3.85	0.601	0.0008	-2.5 to 2.5	Pass
				40	3.85	-1.044	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-1.416	-0.0020	-2.5 to 2.5	Pass
	715.3	6	0	20	3.27	-1.373	-0.0019	-2.5 to 2.5	Pass
					3.85	-2.503	-0.0035	-2.5 to 2.5	Pass
					4.43	-1.202	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	0.200	0.0003	-2.5 to 2.5	Pass
				-20	3.85	0.873	0.0012	-2.5 to 2.5	Pass
				-10	3.85	0.114	0.0002	-2.5 to 2.5	Pass
				0	3.85	0.844	0.0012	-2.5 to 2.5	Pass
				10	3.85	2.618	0.0037	-2.5 to 2.5	Pass
				30	3.85	2.518	0.0035	-2.5 to 2.5	Pass
				40	3.85	2.446	0.0034	-2.5 to 2.5	Pass
				50	3.85	1.216	0.0017	-2.5 to 2.5	Pass
16QAM	699.7	6	0	20	3.27	-3.090	-0.0044	-2.5 to 2.5	Pass
					3.85	-2.060	-0.0029	-2.5 to 2.5	Pass
					4.43	-2.232	-0.0032	-2.5 to 2.5	Pass
				-30	3.85	-0.930	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	0.358	0.0005	-2.5 to 2.5	Pass
				-10	3.85	1.445	0.0021	-2.5 to 2.5	Pass
				0	3.85	0.114	0.0002	-2.5 to 2.5	Pass
				10	3.85	0.715	0.0010	-2.5 to 2.5	Pass
				30	3.85	-2.861	-0.0041	-2.5 to 2.5	Pass
				40	3.85	-3.633	-0.0052	-2.5 to 2.5	Pass
				50	3.85	-4.005	-0.0057	-2.5 to 2.5	Pass
	707.5	6	0	20	3.27	-1.874	-0.0026	-2.5 to 2.5	Pass
					3.85	-2.003	-0.0028	-2.5 to 2.5	Pass
					4.43	-1.416	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-1.044	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-1.602	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-2.160	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-2.689	-0.0038	-2.5 to 2.5	Pass
				10	3.85	-2.303	-0.0033	-2.5 to 2.5	Pass
				30	3.85	-0.587	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-3.419	-0.0048	-2.5 to 2.5	Pass
				50	3.85	0.987	0.0014	-2.5 to 2.5	Pass
	715.3	6	0	20	3.27	1.788	0.0025	-2.5 to 2.5	Pass
					3.85	-0.343	-0.0005	-2.5 to 2.5	Pass
					4.43	0.186	0.0003	-2.5 to 2.5	Pass
				-30	3.85	0.744	0.0010	-2.5 to 2.5	Pass
				-20	3.85	2.289	0.0032	-2.5 to 2.5	Pass
				-10	3.85	-1.144	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-0.129	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-0.243	-0.0003	-2.5 to 2.5	Pass
				30	3.85	0.472	0.0007	-2.5 to 2.5	Pass
				40	3.85	0.286	0.0004	-2.5 to 2.5	Pass
				50	3.85	-0.715	-0.0010	-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	1.788	0.0026	-2.5 to 2.5	Pass
					3.85	-4.563	-0.0065	-2.5 to 2.5	Pass

					4.43	-2.747	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-1.988	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	-1.402	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-3.662	-0.0052	-2.5 to 2.5	Pass
				0	3.85	-3.076	-0.0044	-2.5 to 2.5	Pass
				10	3.85	-0.501	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-1.931	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-0.687	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-0.544	-0.0008	-2.5 to 2.5	Pass
	707.5	15	0	20	3.27	0.887	0.0013	-2.5 to 2.5	Pass
					3.85	-2.031	-0.0029	-2.5 to 2.5	Pass
					4.43	-0.715	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-1.545	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-2.232	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-0.544	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-1.473	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-0.172	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-0.014	0.0000	-2.5 to 2.5	Pass
				40	3.85	-0.529	-0.0007	-2.5 to 2.5	Pass
				50	3.85	0.200	0.0003	-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	0.930	0.0013	-2.5 to 2.5	Pass
					4.43	-2.260	-0.0032	-2.5 to 2.5	Pass
				-30	3.85	-3.347	-0.0047	-2.5 to 2.5	Pass
				-20	3.85	-2.146	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-0.830	-0.0012	-2.5 to 2.5	Pass
				0	3.85	0.129	0.0002	-2.5 to 2.5	Pass
				10	3.85	0.257	0.0004	-2.5 to 2.5	Pass
				30	3.85	-0.243	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-0.815	-0.0011	-2.5 to 2.5	Pass
				50	3.85	0.000	0.0000	-2.5 to 2.5	Pass
16QAM	700.5	15	0	20	3.27	-1.574	-0.0022	-2.5 to 2.5	Pass
					3.85	0.701	0.0010	-2.5 to 2.5	Pass
					4.43	-0.486	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-0.300	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-2.747	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	-2.317	-0.0033	-2.5 to 2.5	Pass
				0	3.85	1.888	0.0027	-2.5 to 2.5	Pass
				10	3.85	0.229	0.0003	-2.5 to 2.5	Pass
				30	3.85	0.129	0.0002	-2.5 to 2.5	Pass
				40	3.85	-0.243	-0.0003	-2.5 to 2.5	Pass
				50	3.85	-0.458	-0.0007	-2.5 to 2.5	Pass
	707.5	15	0	20	3.27	-0.186	-0.0003	-2.5 to 2.5	Pass
					3.85	-0.587	-0.0008	-2.5 to 2.5	Pass
					4.43	-1.760	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-3.591	-0.0051	-2.5 to 2.5	Pass
				-20	3.85	-3.877	-0.0055	-2.5 to 2.5	Pass
				-10	3.85	-3.848	-0.0054	-2.5 to 2.5	Pass
				0	3.85	-1.230	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-1.388	-0.0020	-2.5 to 2.5	Pass
				30	3.85	0.286	0.0004	-2.5 to 2.5	Pass
				40	3.85	1.202	0.0017	-2.5 to 2.5	Pass
				50	3.85	0.157	0.0002	-2.5 to 2.5	Pass
	714.5	15	0	20	3.27	0.629	0.0009	-2.5 to 2.5	Pass
					3.85	-0.043	-0.0001	-2.5 to 2.5	Pass
					4.43	0.458	0.0006	-2.5 to 2.5	Pass
				-30	3.85	1.116	0.0016	-2.5 to 2.5	Pass
				-20	3.85	1.845	0.0026	-2.5 to 2.5	Pass
				-10	3.85	-0.801	-0.0011	-2.5 to 2.5	Pass

				0	3.85	0.401	0.0006	-2.5 to 2.5	Pass
				10	3.85	1.116	0.0016	-2.5 to 2.5	Pass
				30	3.85	1.888	0.0026	-2.5 to 2.5	Pass
				40	3.85	1.173	0.0016	-2.5 to 2.5	Pass
				50	3.85	0.973	0.0014	-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	-1.860	-0.0027	-2.5 to 2.5	Pass
					3.85	-3.905	-0.0056	-2.5 to 2.5	Pass
					4.43	0.100	0.0001	-2.5 to 2.5	Pass
				-30	3.85	0.658	0.0009	-2.5 to 2.5	Pass
				-20	3.85	-1.874	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-0.558	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-0.429	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-1.960	-0.0028	-2.5 to 2.5	Pass
				30	3.85	-3.719	-0.0053	-2.5 to 2.5	Pass
				40	3.85	-0.415	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-1.616	-0.0023	-2.5 to 2.5	Pass
	707.5	25	0	20	3.27	-0.973	-0.0014	-2.5 to 2.5	Pass
					3.85	-1.974	-0.0028	-2.5 to 2.5	Pass
					4.43	-1.230	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-0.443	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-0.772	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	0.801	0.0011	-2.5 to 2.5	Pass
				0	3.85	-1.516	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-2.003	-0.0028	-2.5 to 2.5	Pass
				30	3.85	-0.801	-0.0011	-2.5 to 2.5	Pass
				40	3.85	0.772	0.0011	-2.5 to 2.5	Pass
				50	3.85	-1.574	-0.0022	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-0.558	-0.0008	-2.5 to 2.5	Pass
					3.85	0.429	0.0006	-2.5 to 2.5	Pass
					4.43	0.029	0.0000	-2.5 to 2.5	Pass
				-30	3.85	-0.043	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	-0.215	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-1.373	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-0.114	-0.0002	-2.5 to 2.5	Pass
				10	3.85	0.958	0.0013	-2.5 to 2.5	Pass
				30	3.85	-2.232	-0.0031	-2.5 to 2.5	Pass
				40	3.85	0.186	0.0003	-2.5 to 2.5	Pass
16QAM	701.5	25	0	20	3.27	-0.157	-0.0002	-2.5 to 2.5	Pass
					3.85	0.215	0.0003	-2.5 to 2.5	Pass
					4.43	-0.086	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-0.629	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-0.801	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-1.359	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-0.916	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-0.987	-0.0014	-2.5 to 2.5	Pass
				30	3.85	0.200	0.0003	-2.5 to 2.5	Pass
				40	3.85	-0.973	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-1.287	-0.0018	-2.5 to 2.5	Pass
	707.5	25	0	20	3.27	-1.674	-0.0024	-2.5 to 2.5	Pass
					3.85	-0.830	-0.0012	-2.5 to 2.5	Pass

					4.43	-0.958	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-1.302	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-1.245	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-1.345	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-0.830	-0.0012	-2.5 to 2.5	Pass
				10	3.85	0.172	0.0002	-2.5 to 2.5	Pass
				30	3.85	-0.229	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-0.815	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-0.944	-0.0013	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-2.604	-0.0036	-2.5 to 2.5	Pass
					3.85	-0.114	-0.0002	-2.5 to 2.5	Pass
					4.43	-0.100	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	0.672	0.0009	-2.5 to 2.5	Pass
				-20	3.85	1.445	0.0020	-2.5 to 2.5	Pass
				-10	3.85	-0.844	-0.0012	-2.5 to 2.5	Pass
				0	3.85	0.486	0.0007	-2.5 to 2.5	Pass
				10	3.85	2.346	0.0033	-2.5 to 2.5	Pass
				30	3.85	-1.559	-0.0022	-2.5 to 2.5	Pass
				40	3.85	0.815	0.0011	-2.5 to 2.5	Pass
				50	3.85	1.073	0.0015	-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	-2.847	-0.0040	-2.5 to 2.5	Pass
					3.85	-0.801	-0.0011	-2.5 to 2.5	Pass
					4.43	-0.043	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	0.901	0.0013	-2.5 to 2.5	Pass
				-20	3.85	-0.443	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-2.689	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-1.373	-0.0020	-2.5 to 2.5	Pass
				10	3.85	1.416	0.0020	-2.5 to 2.5	Pass
				30	3.85	-1.116	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-1.087	-0.0015	-2.5 to 2.5	Pass
				50	3.85	2.160	0.0031	-2.5 to 2.5	Pass
	707.5	50	0	20	3.27	1.245	0.0018	-2.5 to 2.5	Pass
					3.85	-1.731	-0.0024	-2.5 to 2.5	Pass
					4.43	-1.845	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	0.529	0.0007	-2.5 to 2.5	Pass
				-20	3.85	-1.974	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	1.688	0.0024	-2.5 to 2.5	Pass
				0	3.85	0.916	0.0013	-2.5 to 2.5	Pass
				10	3.85	2.103	0.0030	-2.5 to 2.5	Pass
				30	3.85	-0.286	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-1.974	-0.0028	-2.5 to 2.5	Pass
				50	3.85	-2.346	-0.0033	-2.5 to 2.5	Pass
	711	50	0	20	3.27	0.987	0.0014	-2.5 to 2.5	Pass
					3.85	0.730	0.0010	-2.5 to 2.5	Pass
					4.43	0.687	0.0010	-2.5 to 2.5	Pass
				-30	3.85	1.645	0.0023	-2.5 to 2.5	Pass
				-20	3.85	1.488	0.0021	-2.5 to 2.5	Pass
				-10	3.85	1.531	0.0022	-2.5 to 2.5	Pass
				0	3.85	1.202	0.0017	-2.5 to 2.5	Pass
				10	3.85	1.245	0.0018	-2.5 to 2.5	Pass
				30	3.85	-0.014	0.0000	-2.5 to 2.5	Pass

16QAM	704	27	0	40	3.85	-1.574	-0.0022	-2.5 to 2.5	Pass
				50	3.85	-3.176	-0.0045	-2.5 to 2.5	Pass
				20	3.27	-0.601	-0.0009	-2.5 to 2.5	Pass
					3.85	0.172	0.0002	-2.5 to 2.5	Pass
					4.43	1.073	0.0015	-2.5 to 2.5	Pass
				-30	3.85	-0.200	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-0.587	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	1.431	0.0020	-2.5 to 2.5	Pass
				0	3.85	0.858	0.0012	-2.5 to 2.5	Pass
				10	3.85	-0.529	-0.0008	-2.5 to 2.5	Pass
	707.5	27	0	30	3.85	0.944	0.0013	-2.5 to 2.5	Pass
				40	3.85	0.472	0.0007	-2.5 to 2.5	Pass
				50	3.85	-0.043	-0.0001	-2.5 to 2.5	Pass
				20	3.27	-1.631	-0.0023	-2.5 to 2.5	Pass
					3.85	-0.873	-0.0012	-2.5 to 2.5	Pass
					4.43	-0.200	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	0.043	0.0001	-2.5 to 2.5	Pass
				-20	3.85	1.101	0.0016	-2.5 to 2.5	Pass
				-10	3.85	1.016	0.0014	-2.5 to 2.5	Pass
				0	3.85	1.760	0.0025	-2.5 to 2.5	Pass
	711	27	23	10	3.85	1.488	0.0021	-2.5 to 2.5	Pass
				30	3.85	0.973	0.0014	-2.5 to 2.5	Pass
				40	3.85	-0.672	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-1.831	-0.0026	-2.5 to 2.5	Pass
				20	3.27	-3.147	-0.0044	-2.5 to 2.5	Pass
					3.85	-0.486	-0.0007	-2.5 to 2.5	Pass
					4.43	1.760	0.0025	-2.5 to 2.5	Pass
				-30	3.85	-2.904	-0.0041	-2.5 to 2.5	Pass
				-20	3.85	0.458	0.0006	-2.5 to 2.5	Pass
				-10	3.85	0.715	0.0010	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B12_1.4MHz

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

3.1.2 B12_3MHz

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

3.1.3 B12_5MHz

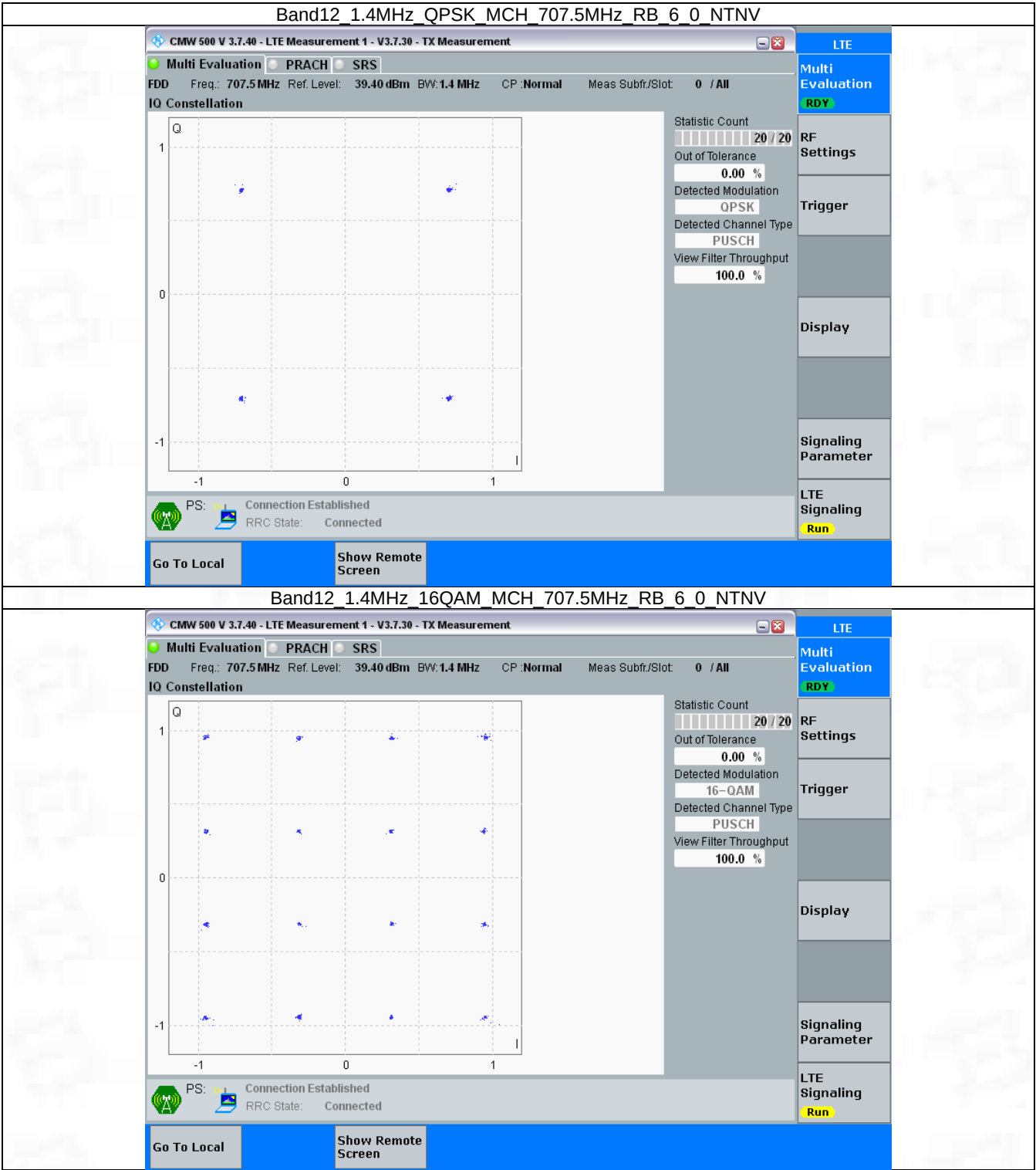
Band: 12 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	707.5	25	0	Refer To Test Graph		Pass
16QAM	707.5	25	0	Refer To Test Graph		Pass

3.1.4 B12_10MHz

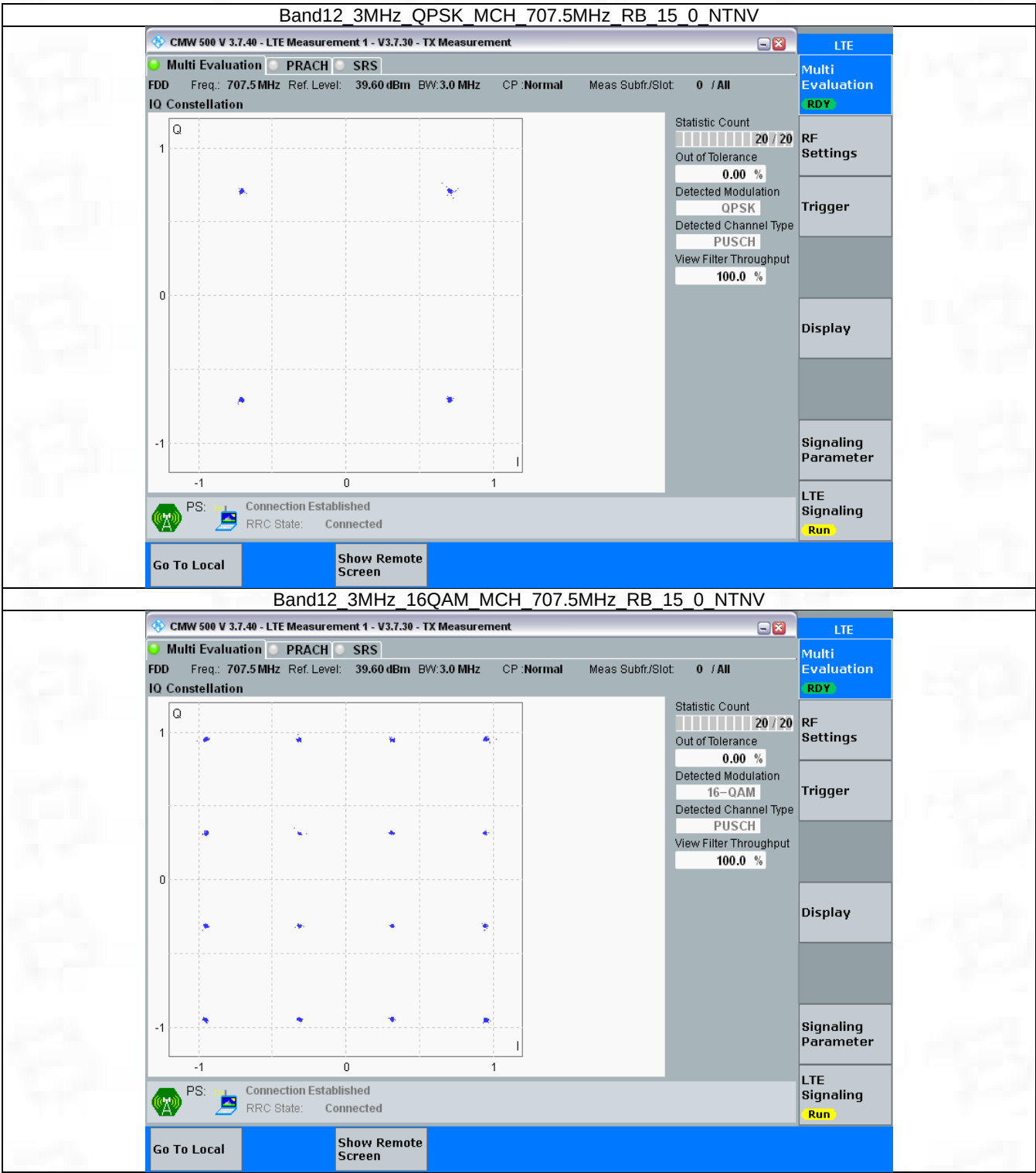
Band: 12 / Bandwidth: 10MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	707.5	50	0	Refer To Test Graph		Pass
16QAM	707.5	27	0	Refer To Test Graph		Pass

3.2 Test Graph

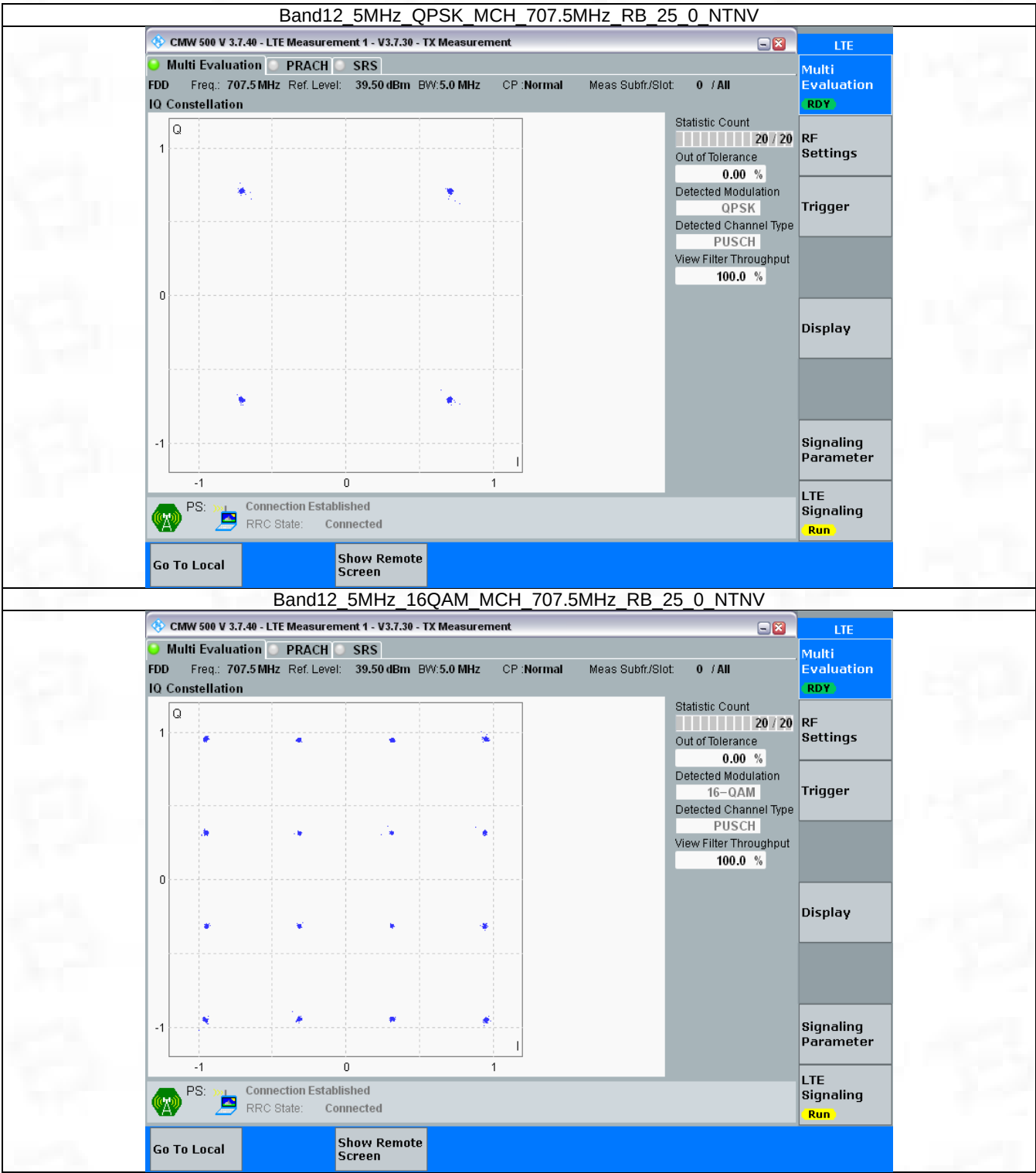
3.2.1 B12_1.4MHz



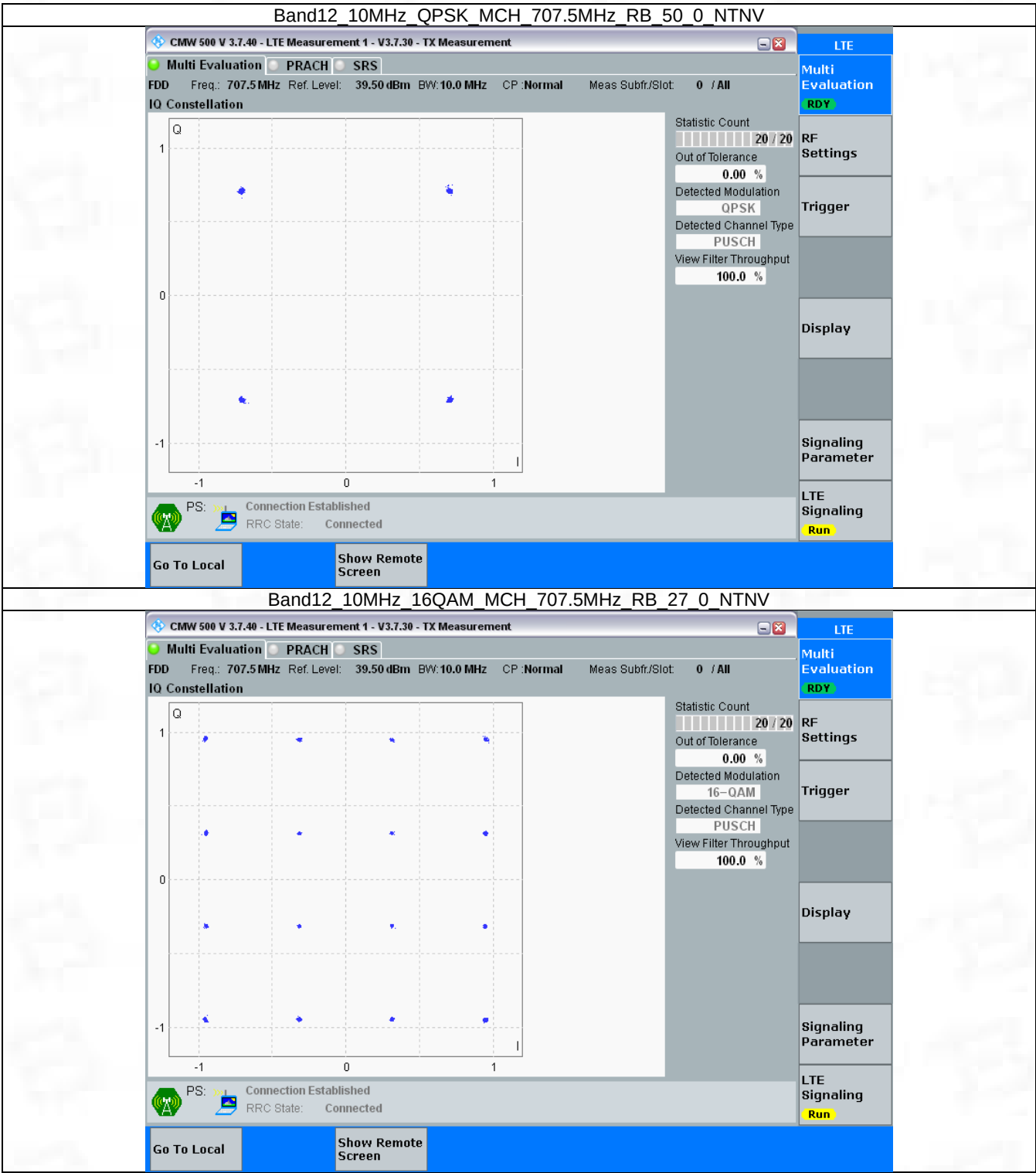
3.2.2 B12_3MHz



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	1.111	/	Pass
		707.5	6	0	1.113	/	Pass
		715.3	6	0	1.114	/	Pass
	16QAM	699.7	6	0	1.115	/	Pass
		707.5	6	0	1.110	/	Pass
		715.3	6	0	1.112	/	Pass
3	QPSK	700.5	15	0	2.765	/	Pass
		707.5	15	0	2.746	/	Pass
		714.5	15	0	2.760	/	Pass
	16QAM	700.5	15	0	2.760	/	Pass
		707.5	15	0	2.758	/	Pass
		714.5	15	0	2.767	/	Pass
5	QPSK	701.5	25	0	4.568	/	Pass
		707.5	25	0	4.545	/	Pass
		713.5	25	0	4.541	/	Pass
	16QAM	701.5	25	0	4.560	/	Pass
		707.5	25	0	4.562	/	Pass
		713.5	25	0	4.569	/	Pass
10	QPSK	704	50	0	9.051	/	Pass
		707.5	50	0	9.087	/	Pass
		711	50	0	9.074	/	Pass
	16QAM	704	27	0	4.988	/	Pass
		707.5	27	0	5.049	/	Pass
		711	27	23	4.990	/	Pass

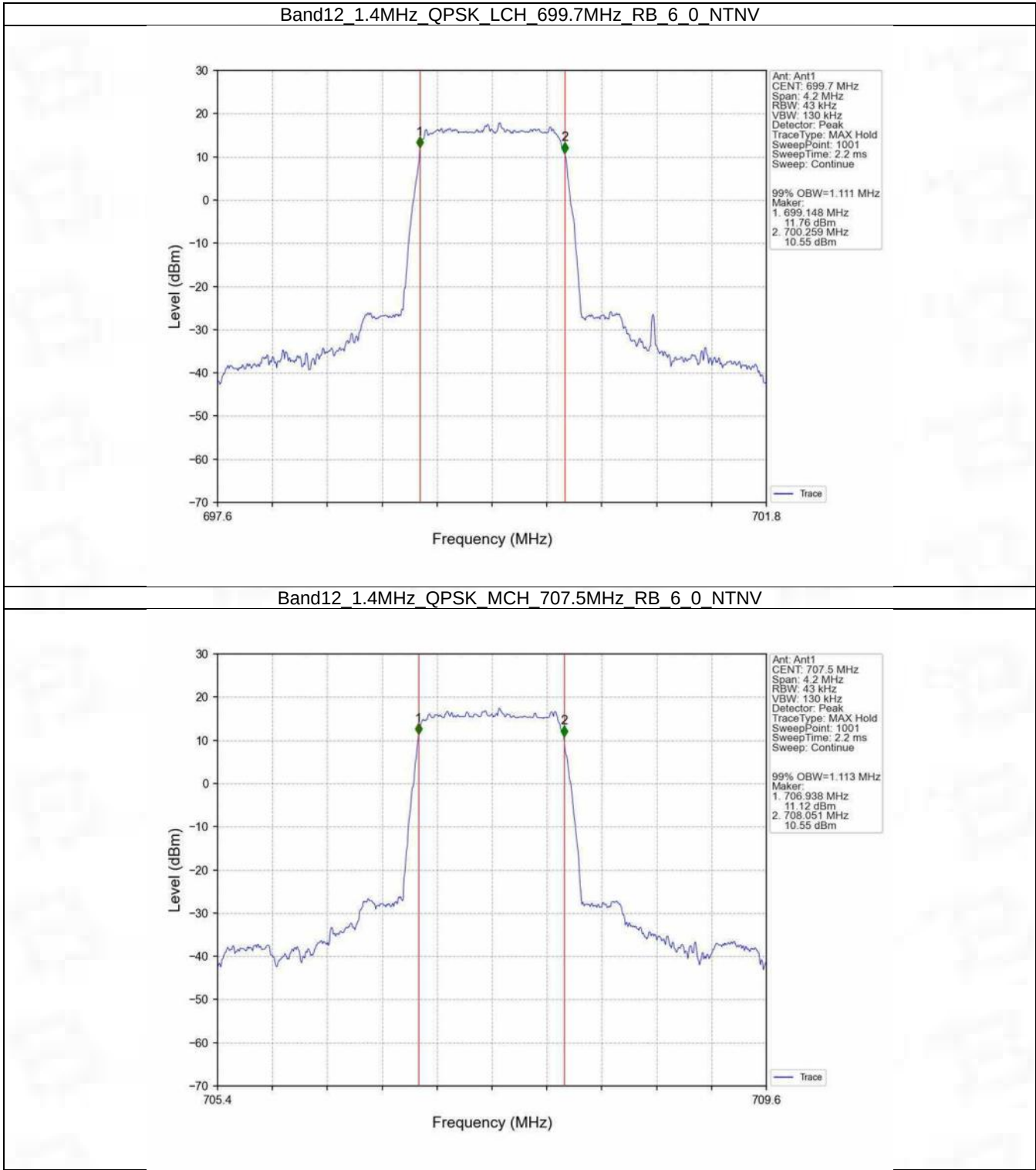
4.1.2 Band12_XDB

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	1.268	/	Pass
		707.5	6	0	1.270	/	Pass
		715.3	6	0	1.267	/	Pass
	16QAM	699.7	6	0	1.275	/	Pass
		707.5	6	0	1.278	/	Pass
		715.3	6	0	1.270	/	Pass
3	QPSK	700.5	15	0	3.106	/	Pass
		707.5	15	0	3.099	/	Pass
		714.5	15	0	3.104	/	Pass
	16QAM	700.5	15	0	3.097	/	Pass
		707.5	15	0	3.098	/	Pass
		714.5	15	0	3.097	/	Pass
5	QPSK	701.5	25	0	5.063	/	Pass
		707.5	25	0	5.047	/	Pass
		713.5	25	0	5.081	/	Pass

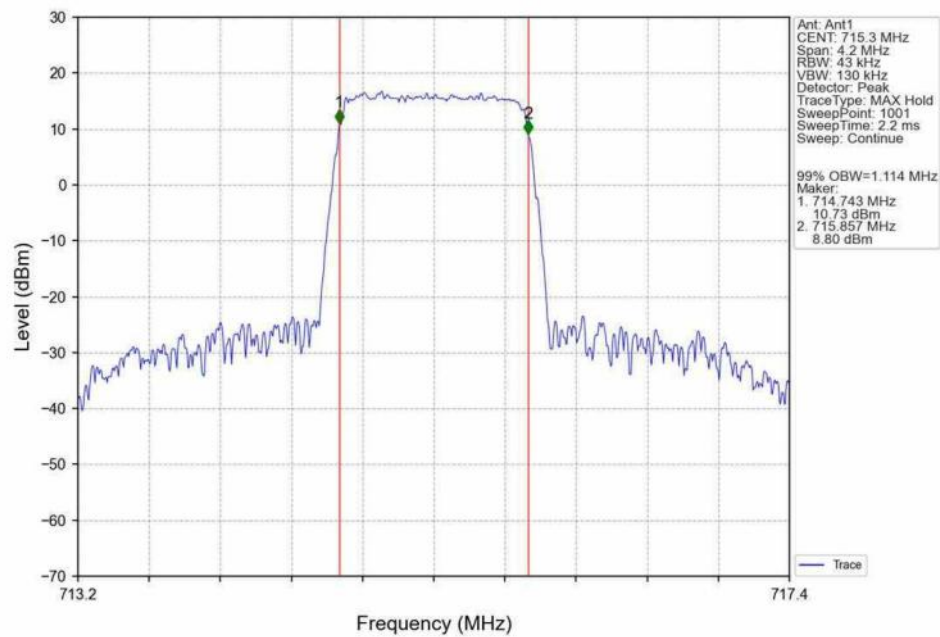
10	16QAM	701.5	25	0	5.063	/	Pass
		707.5	25	0	5.061	/	Pass
		713.5	25	0	5.050	/	Pass
	QPSK	704	50	0	10.015	/	Pass
		707.5	50	0	10.103	/	Pass
		711	50	0	10.029	/	Pass
	16QAM	704	27	0	6.644	/	Pass
		707.5	27	0	7.491	/	Pass
		711	27	23	6.999	/	Pass

4.2 Test Graph

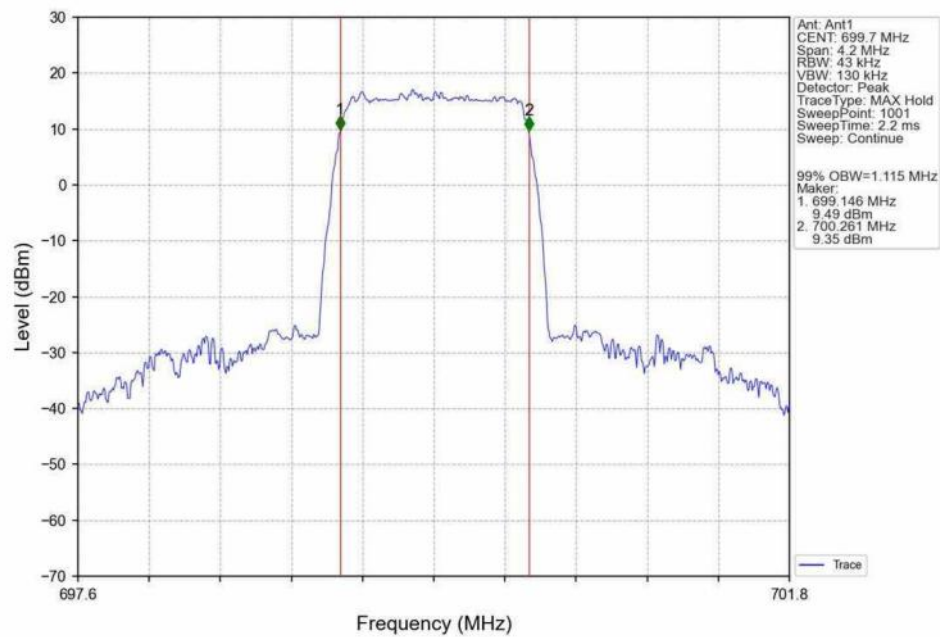
4.2.1 Band12_OBW

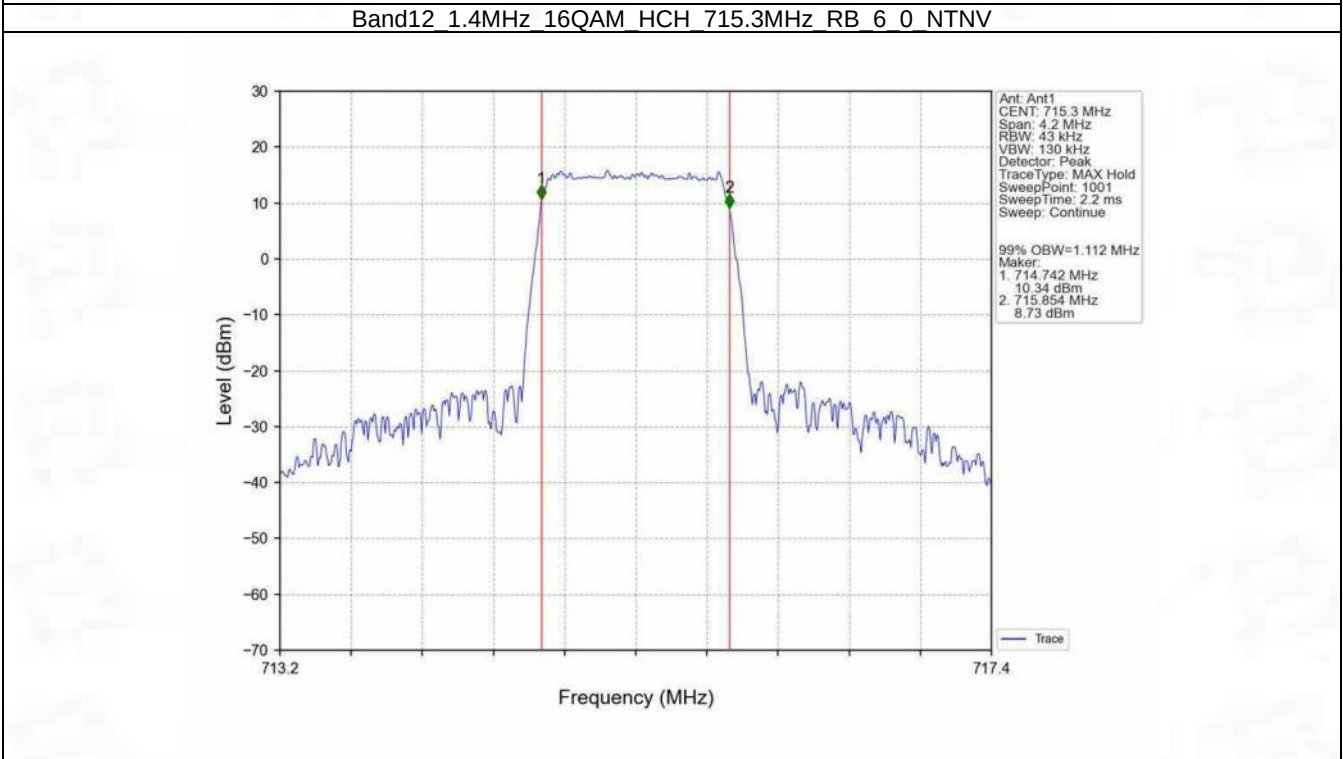
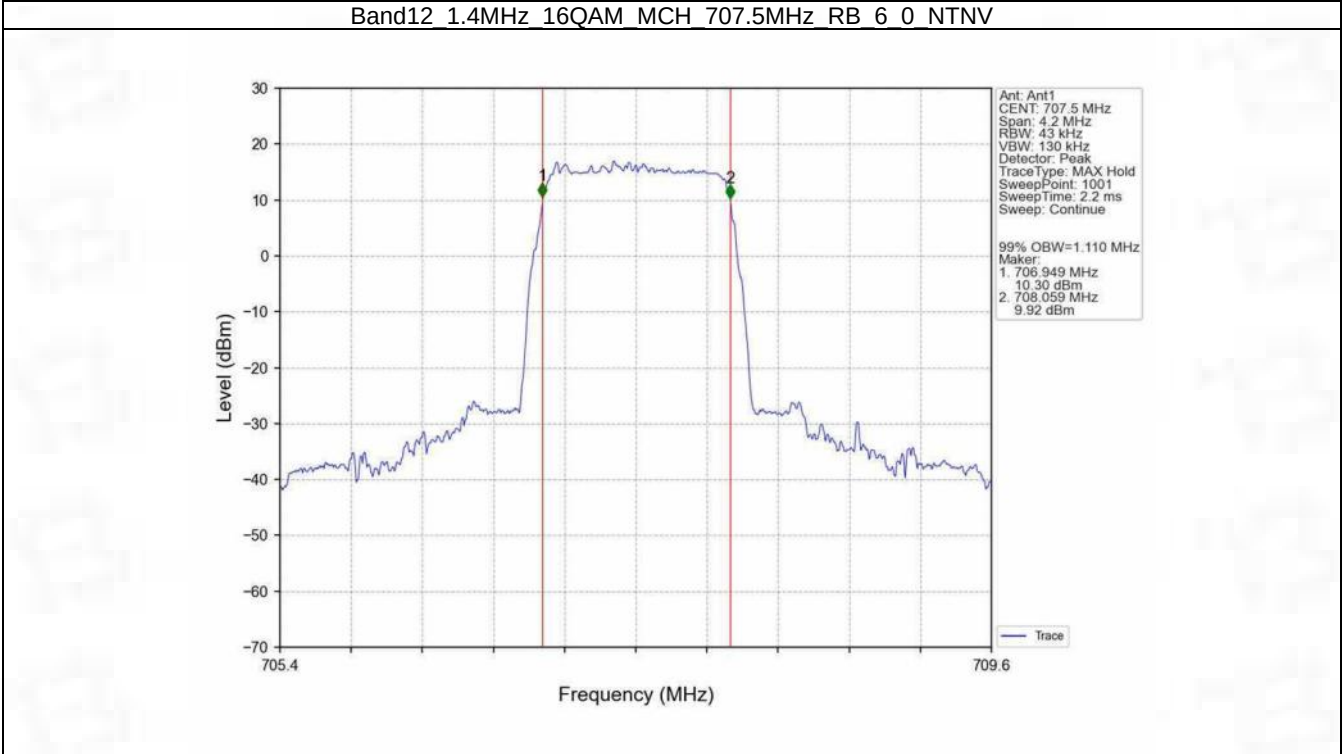


Band12 1.4MHz QPSK HCH 715.3MHz RB 6 0 NTV

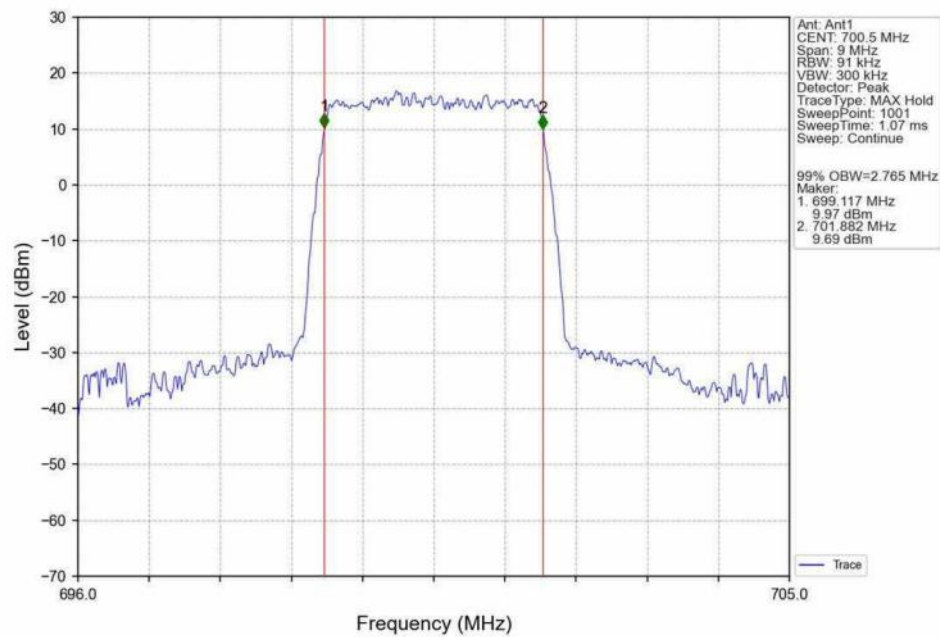


Band12 1.4MHz 16QAM LCH 699.7MHz RB 6 0 NTV

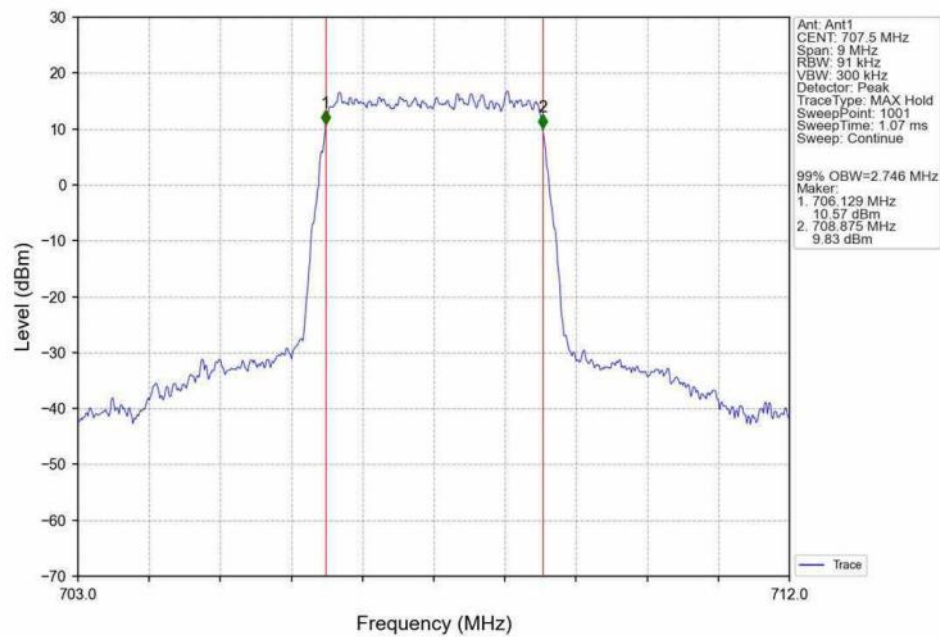




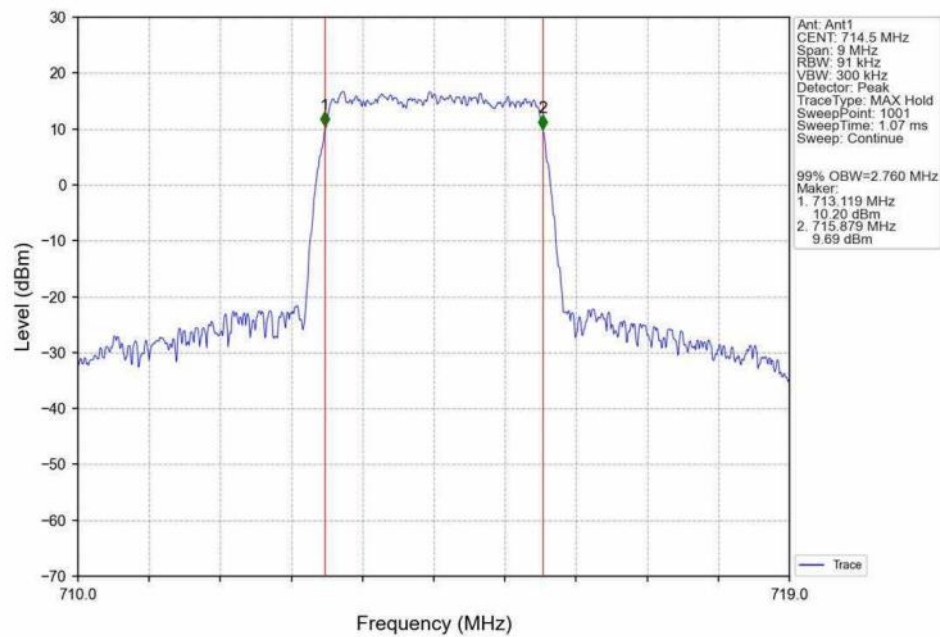
Band12 3MHz QPSK LCH 700.5MHz RB 15 0 NTV



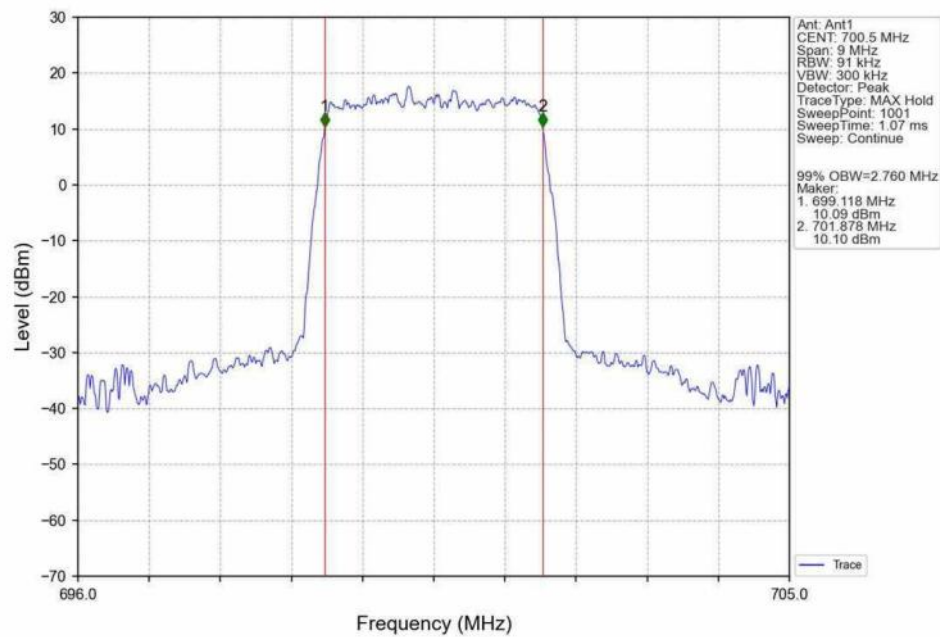
Band12 3MHz QPSK MCH 707.5MHz RB 15 0 NTV



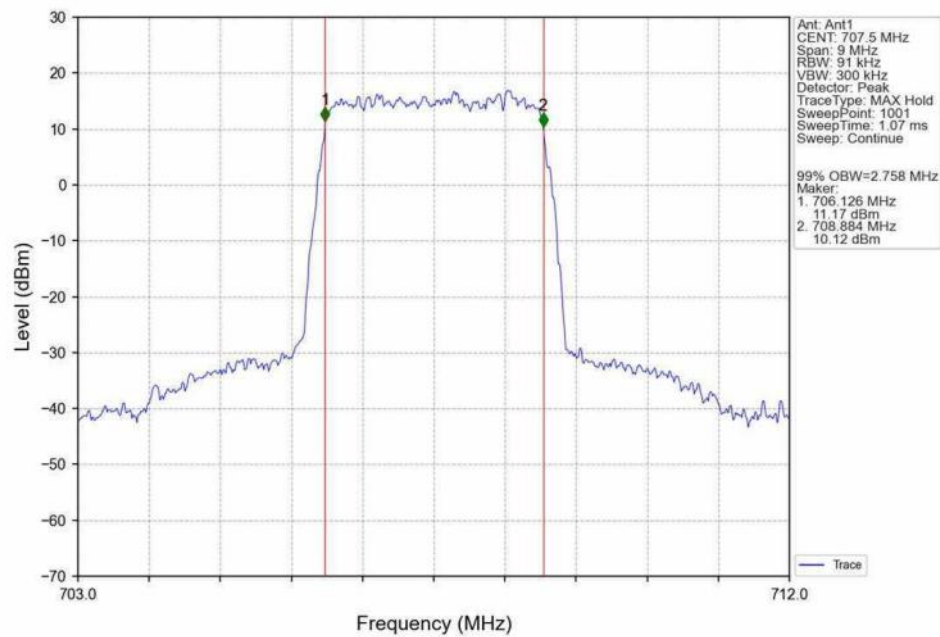
Band12 3MHz QPSK HCH 714.5MHz RB 15 0 NTNV



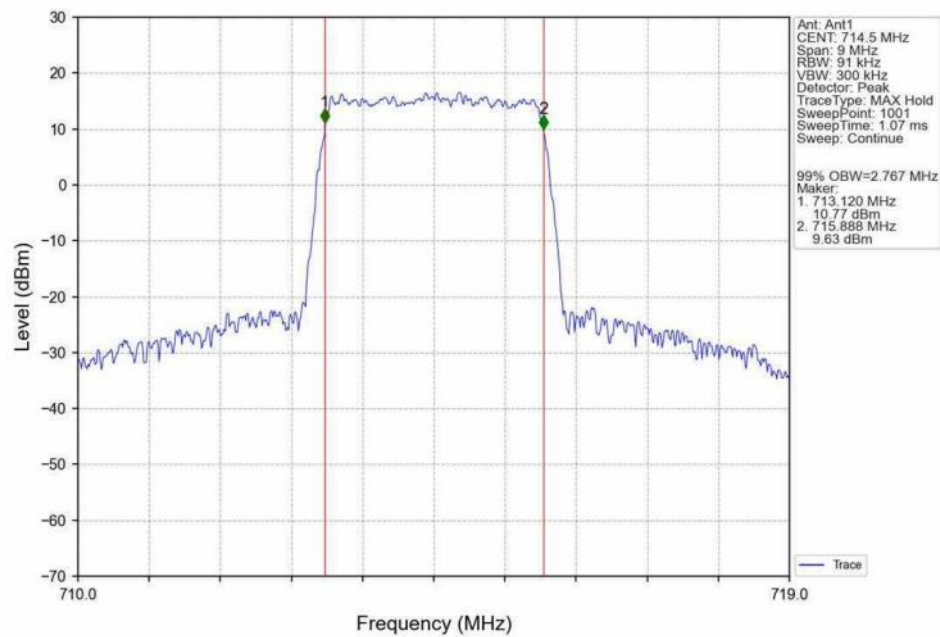
Band12 3MHz 16QAM LCH 700.5MHz RB 15 0 NTNV



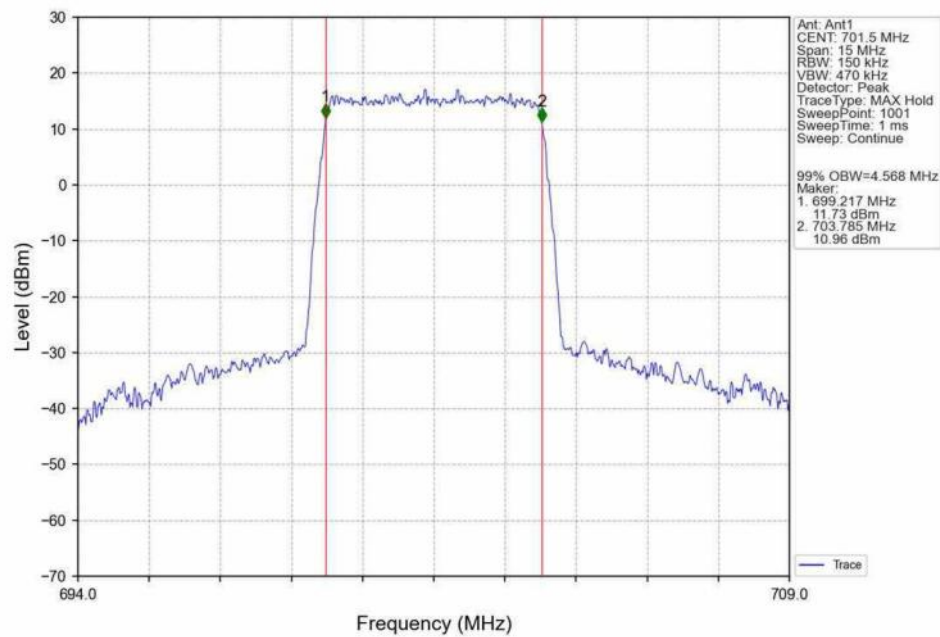
Band12 3MHz 16QAM MCH 707.5MHz RB 15 0 NTV



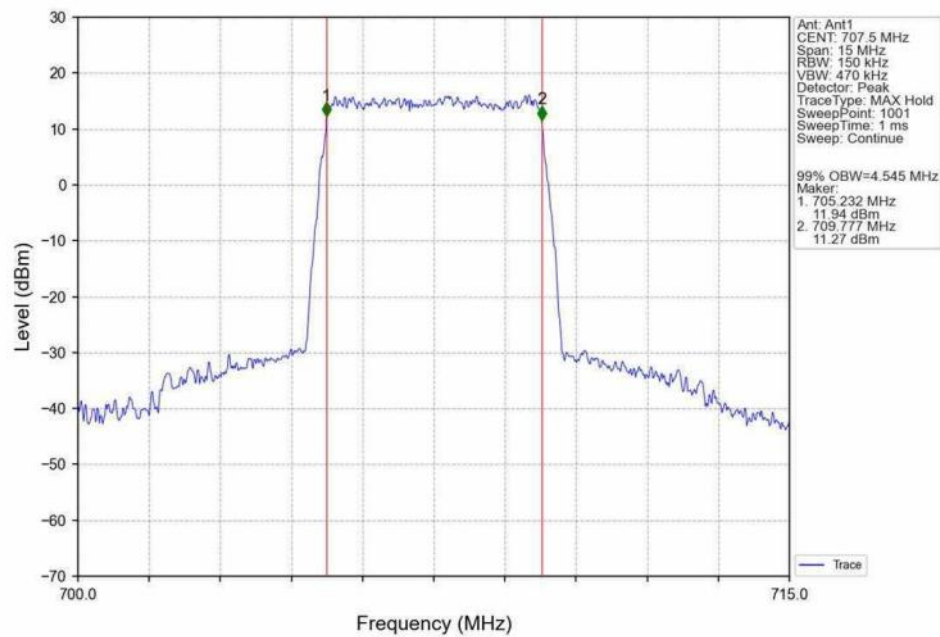
Band12 3MHz 16QAM HCH 714.5MHz RB 15 0 NTV



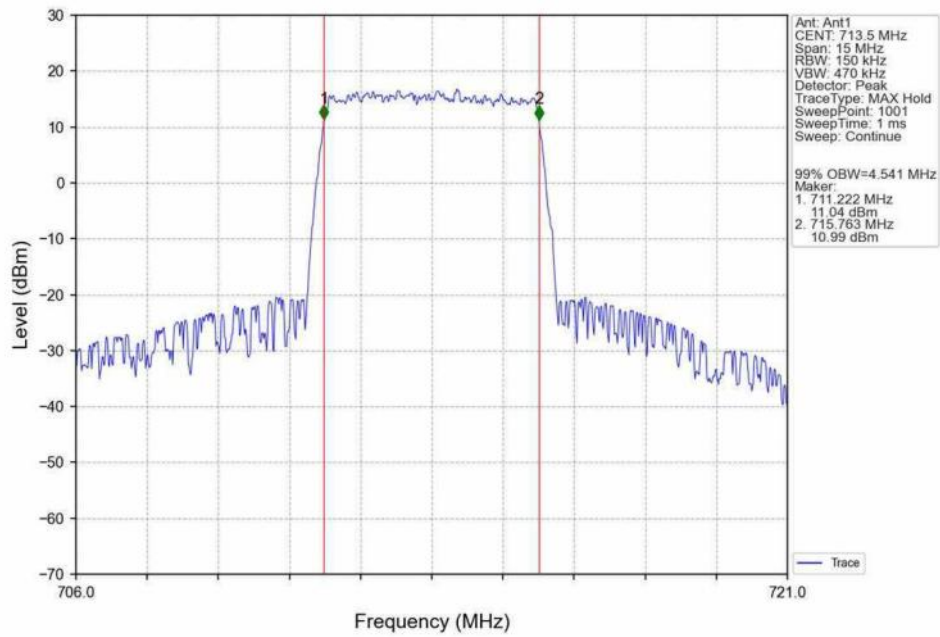
Band12 5MHz QPSK LCH 701.5MHz RB 25 0 NTN



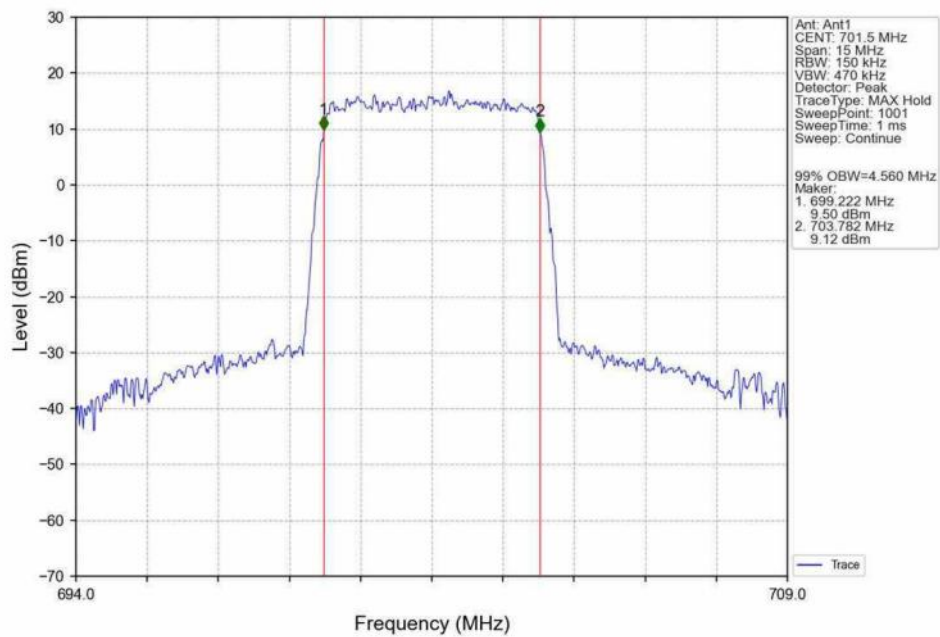
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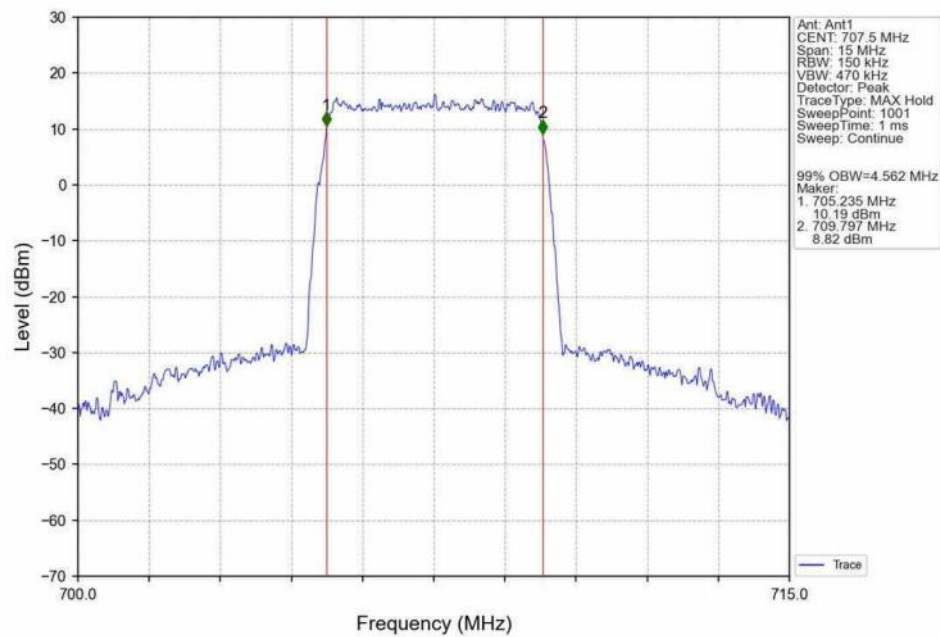
Band12 5MHz QPSK HCH 713.5MHz RB 25 0 NTNV



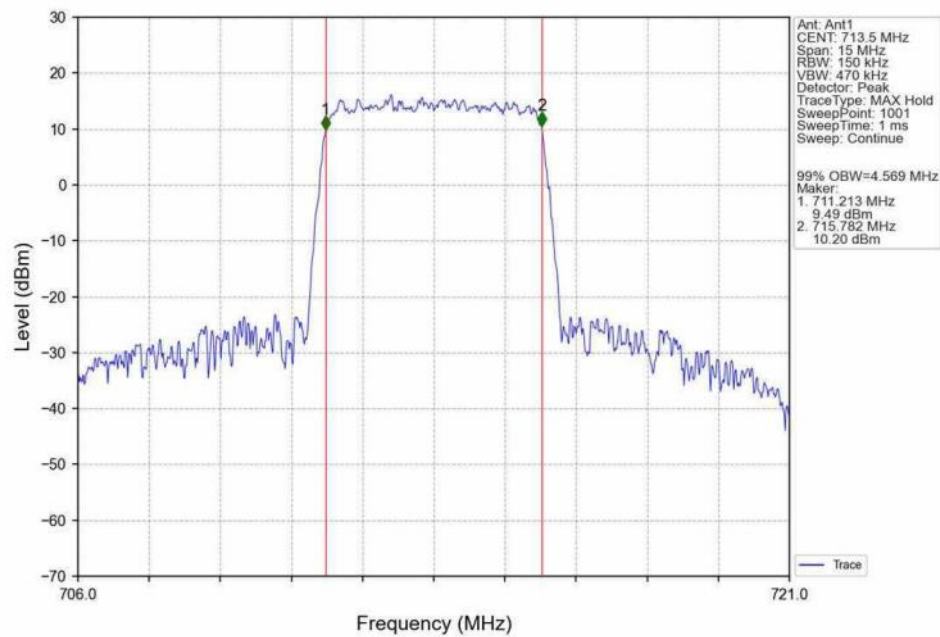
Band12 5MHz 16QAM LCH 701.5MHz RB 25 0 NTNV



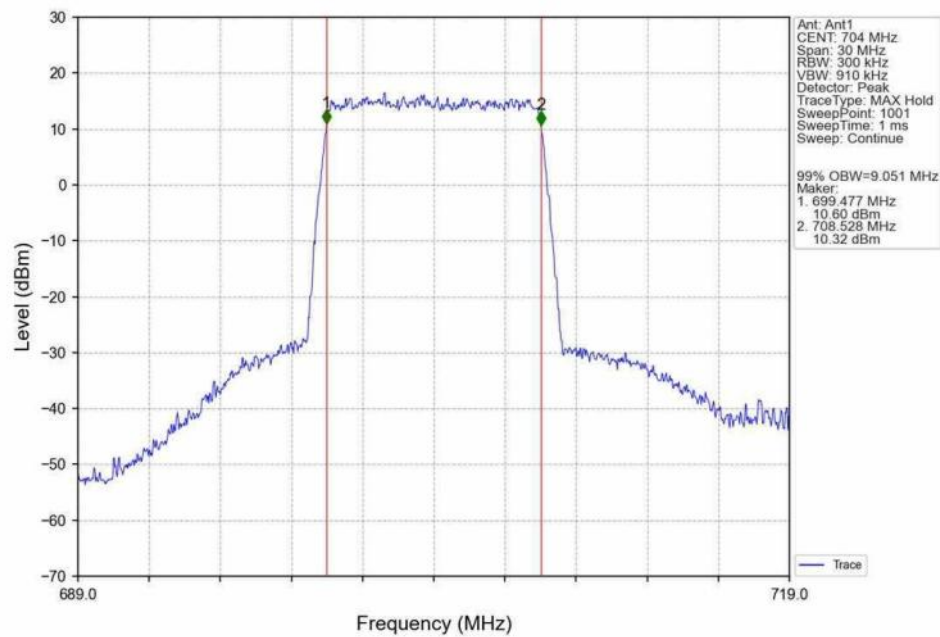
Band12 5MHz 16QAM MCH 707.5MHz RB 25 0 NTNV



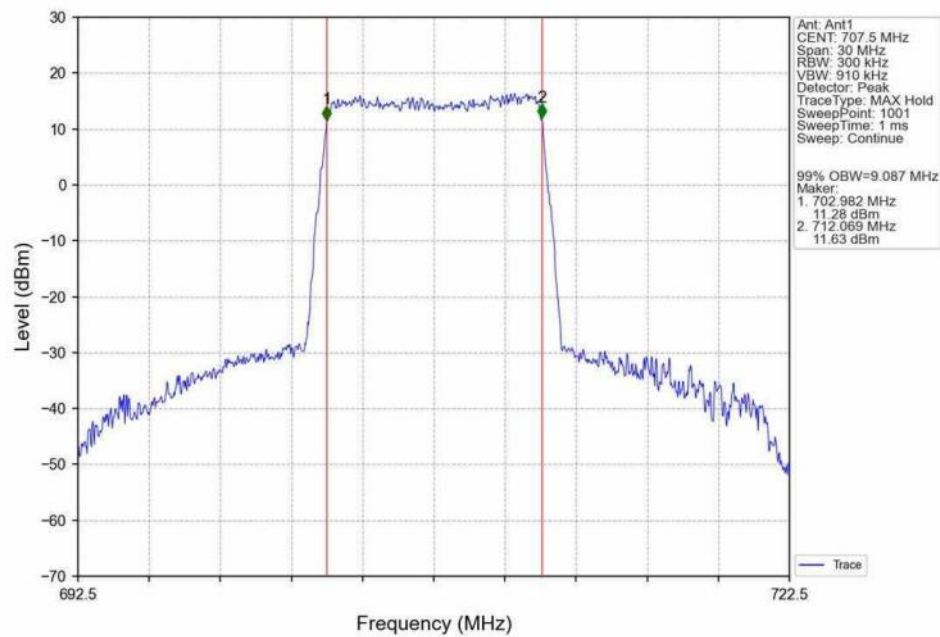
Band12 5MHz 16QAM HCH 713.5MHz RB 25 0 NTNV



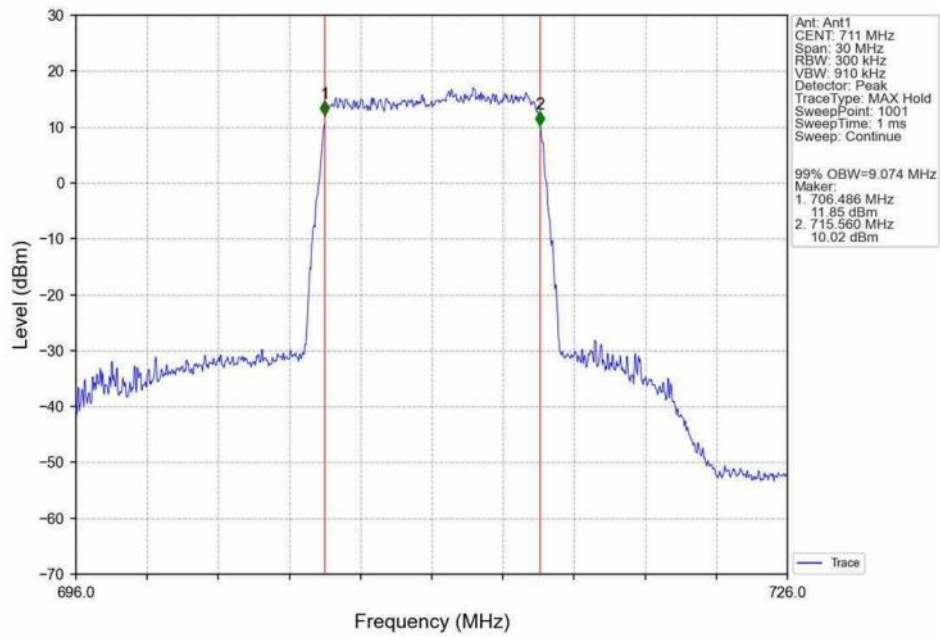
Band12 10MHz QPSK LCH 704MHz RB 50 0 NTNV



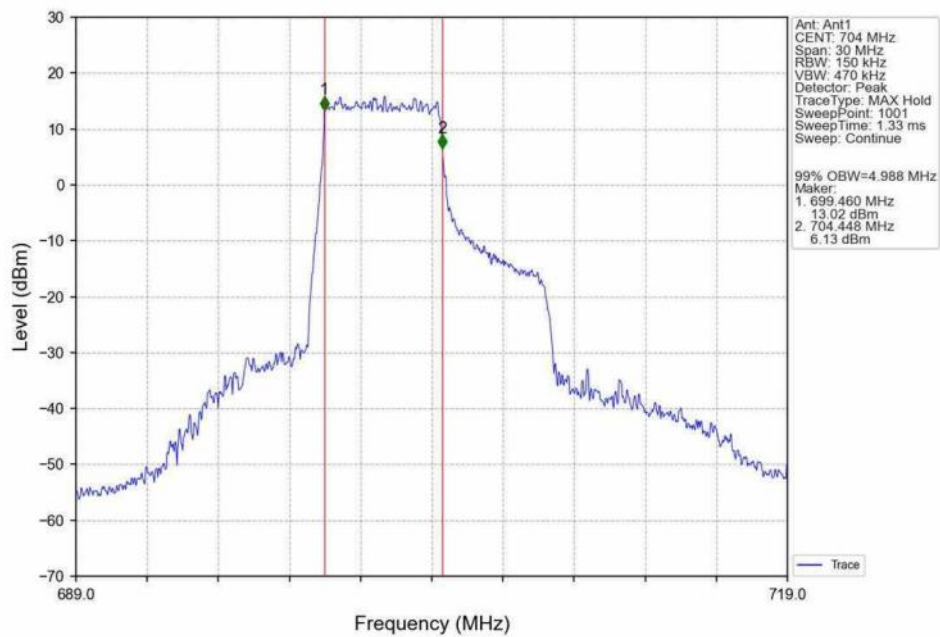
Band12 10MHz QPSK MCH 707.5MHz RB 50 0 NTNV



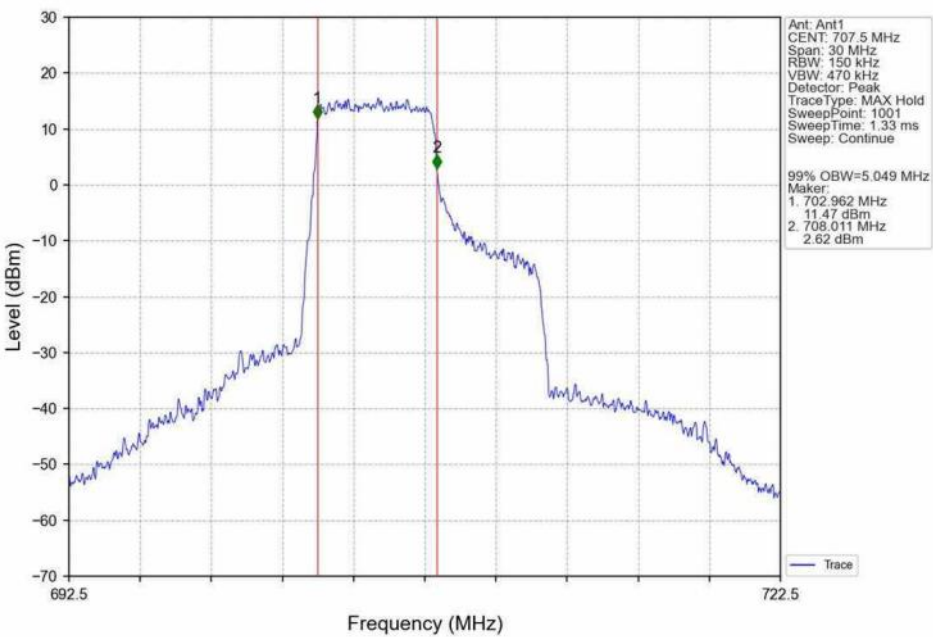
Band12 10MHz QPSK HCH 711MHz RB 50 0 NTNV



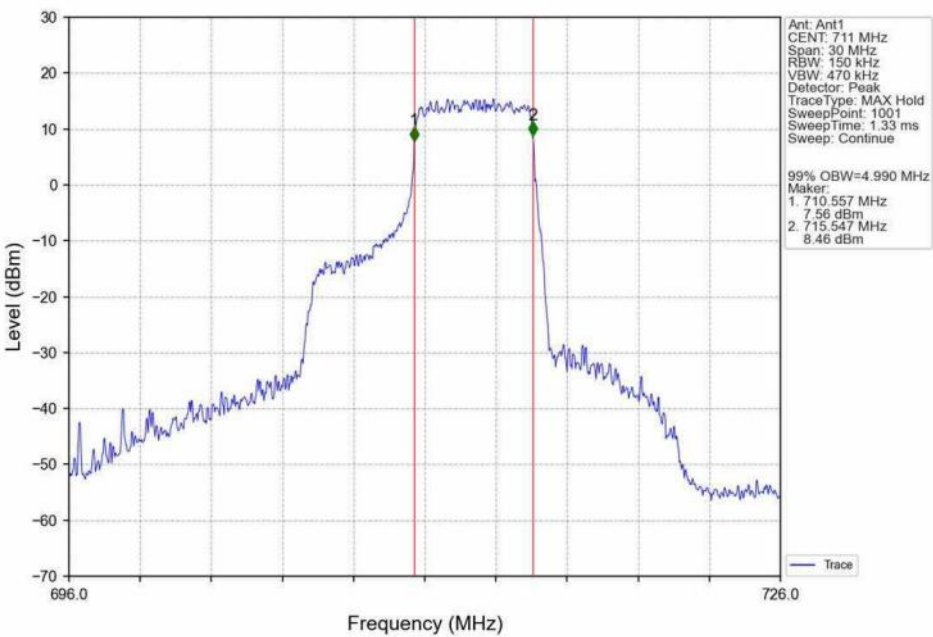
Band12 10MHz 16QAM LCH 704MHz RB 27 0 NTNV



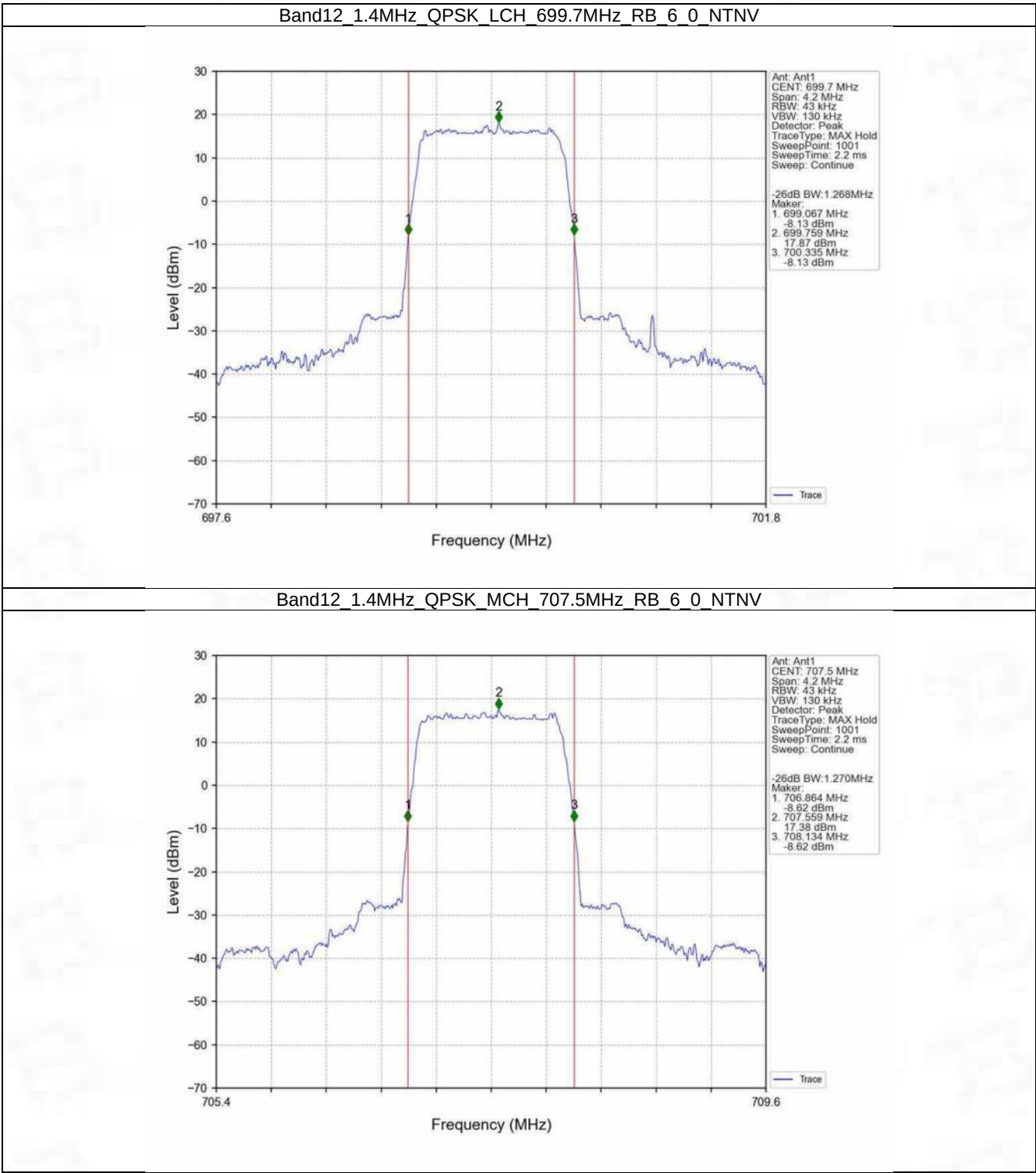
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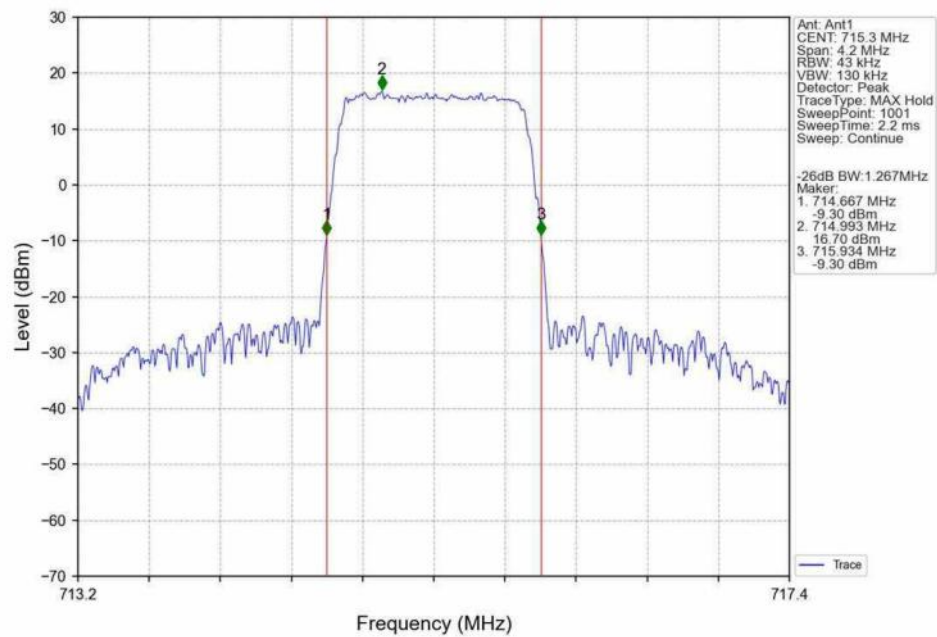
Band12 10MHz 16QAM HCH 711MHz RB 27 23 NTNV



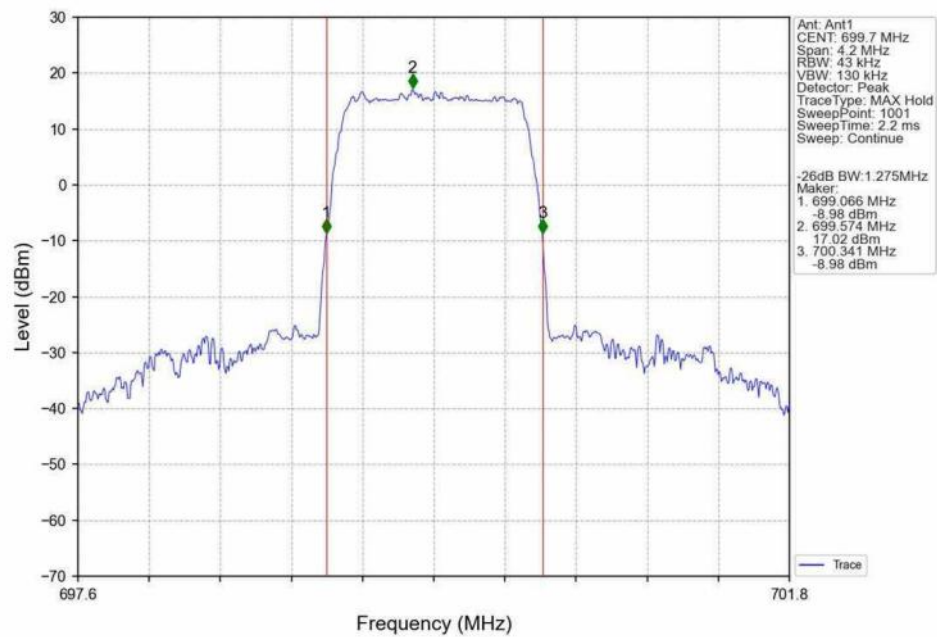
4.2.2 Band12_XDB



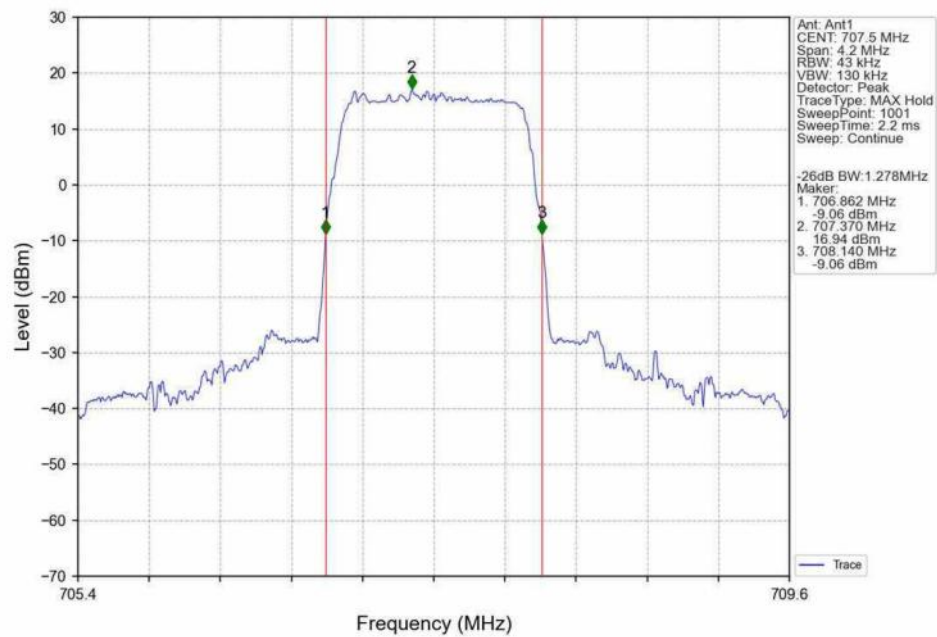
Band12 1.4MHz QPSK HCH 715.3MHz RB 6 0 NTV



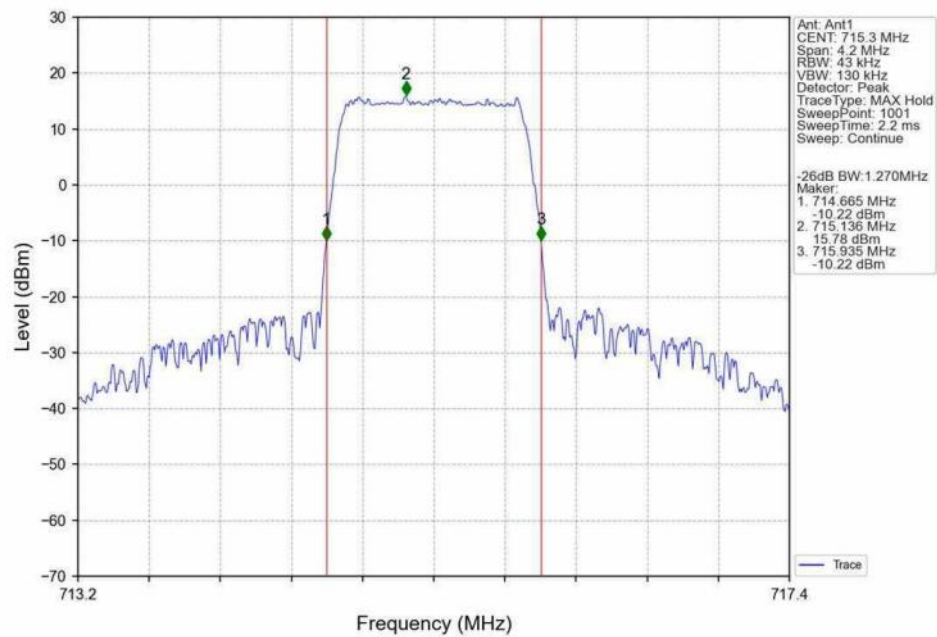
Band12 1.4MHz 16QAM LCH 699.7MHz RB 6 0 NTV



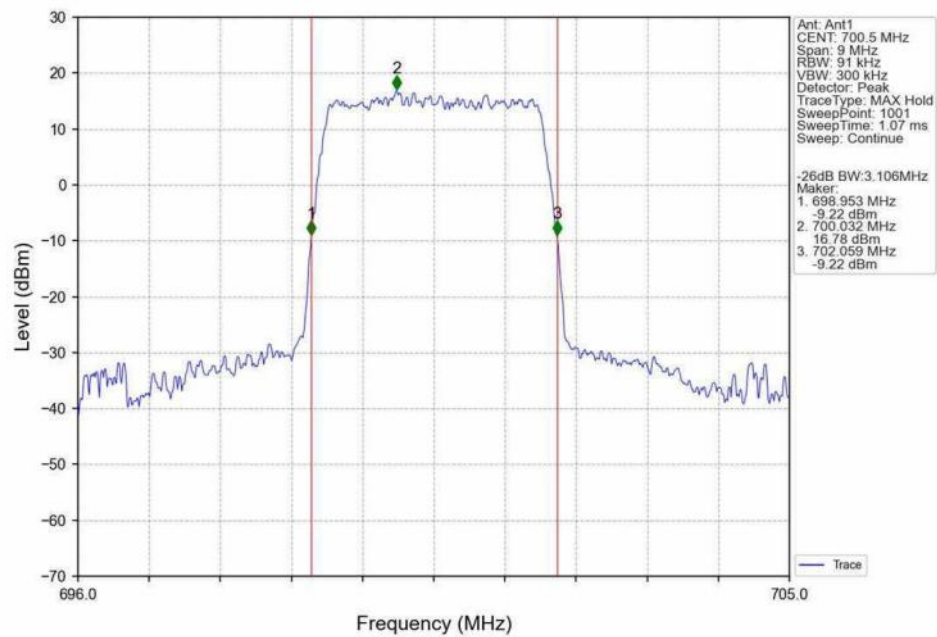
Band12 1.4MHz 16QAM MCH 707.5MHz RB 6 0 NTNV



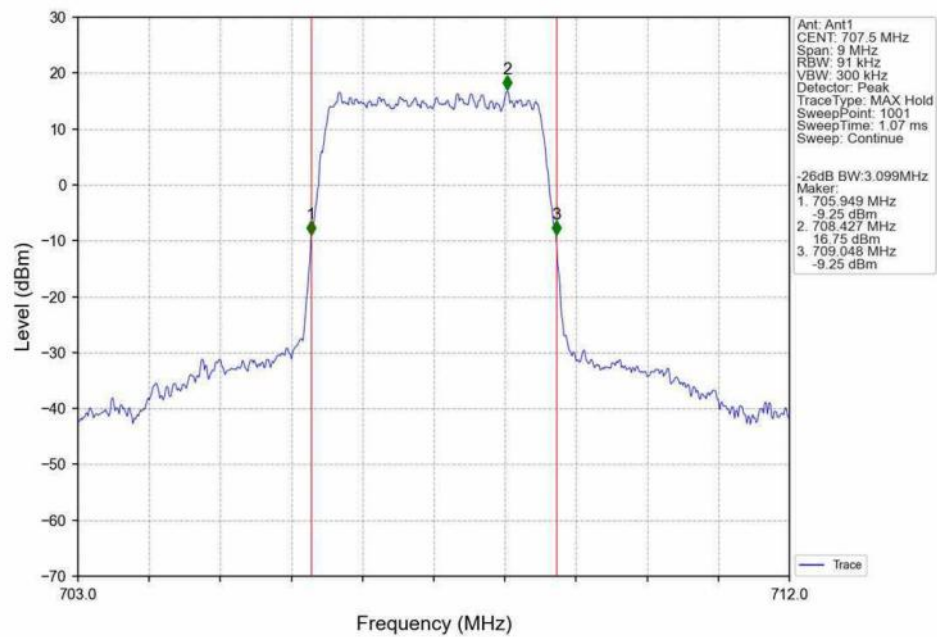
Band12 1.4MHz 16QAM HCH 715.3MHz RB 6 0 NTNV



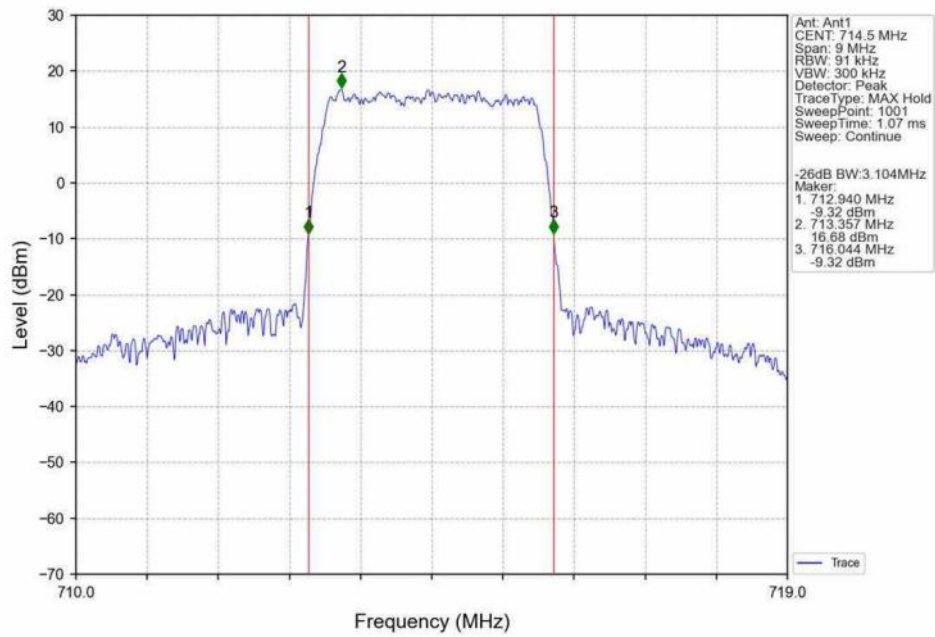
Band12 3MHz QPSK LCH 700.5MHz RB 15 0 NTV



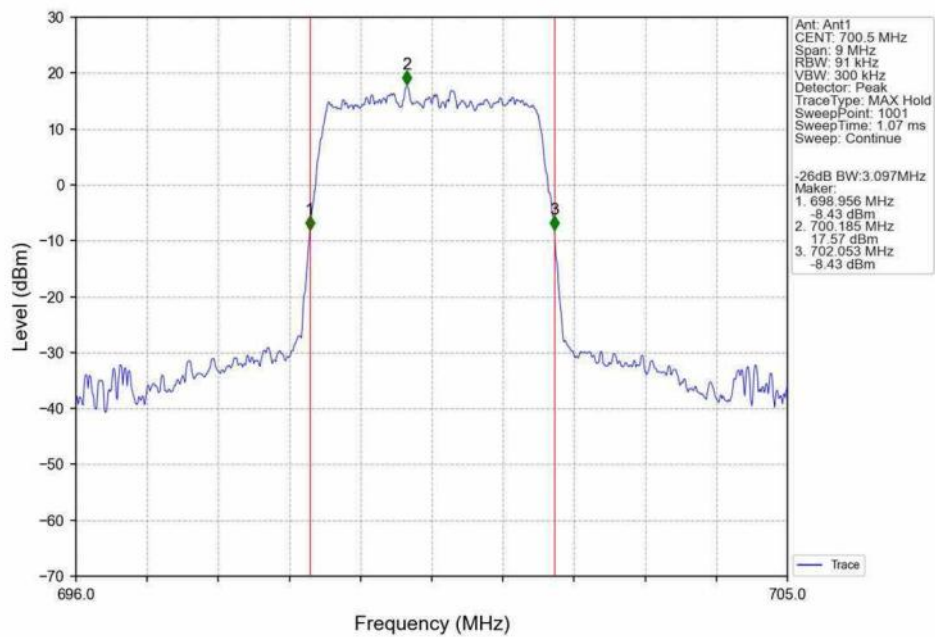
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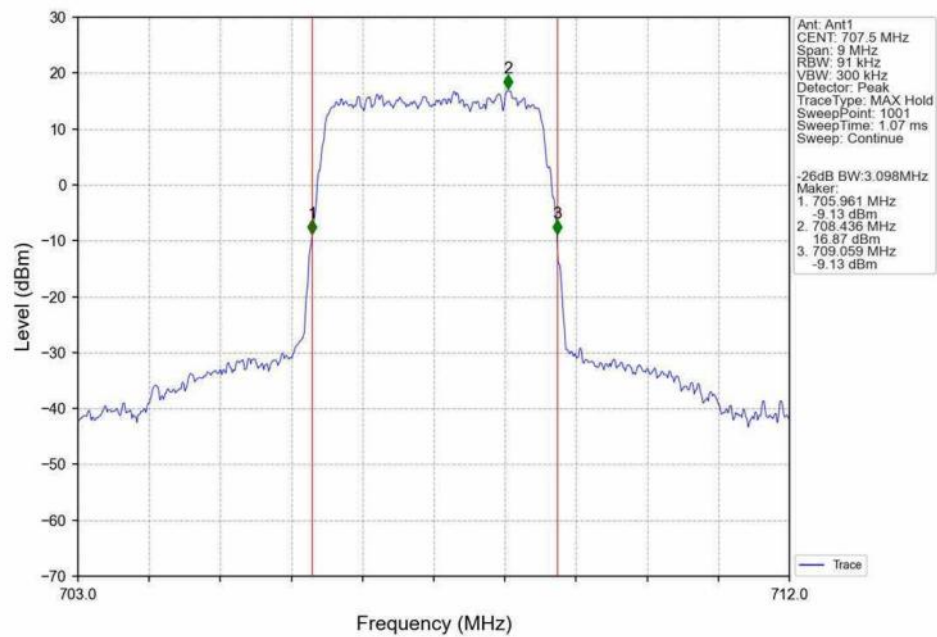
Band12 3MHz QPSK HCH 714.5MHz RB 15 0 NTV



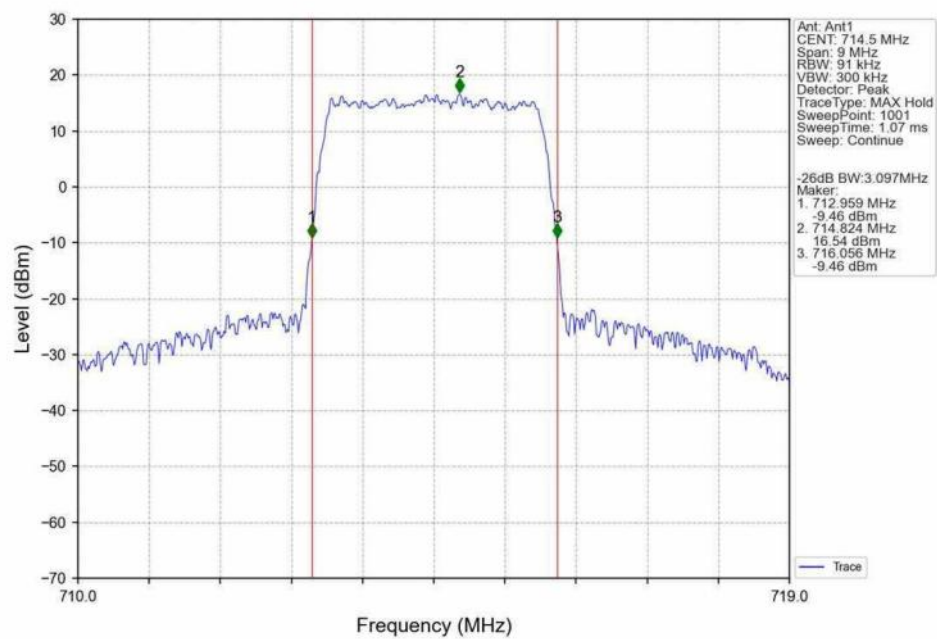
Band12 3MHz 16QAM LCH 700.5MHz RB 15 0 NTV



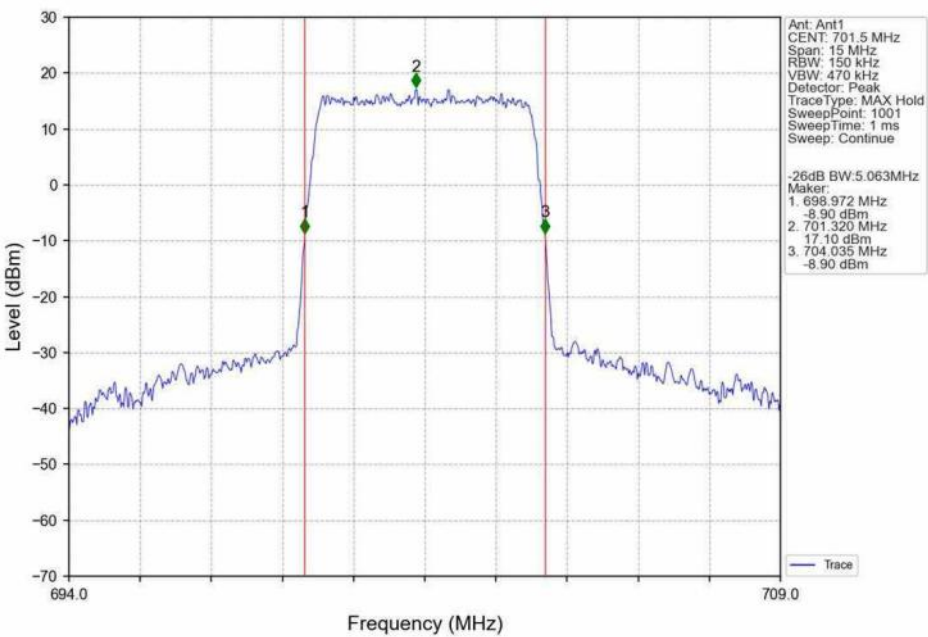
Band12 3MHz 16QAM MCH 707.5MHz RB 15 0 NTNV



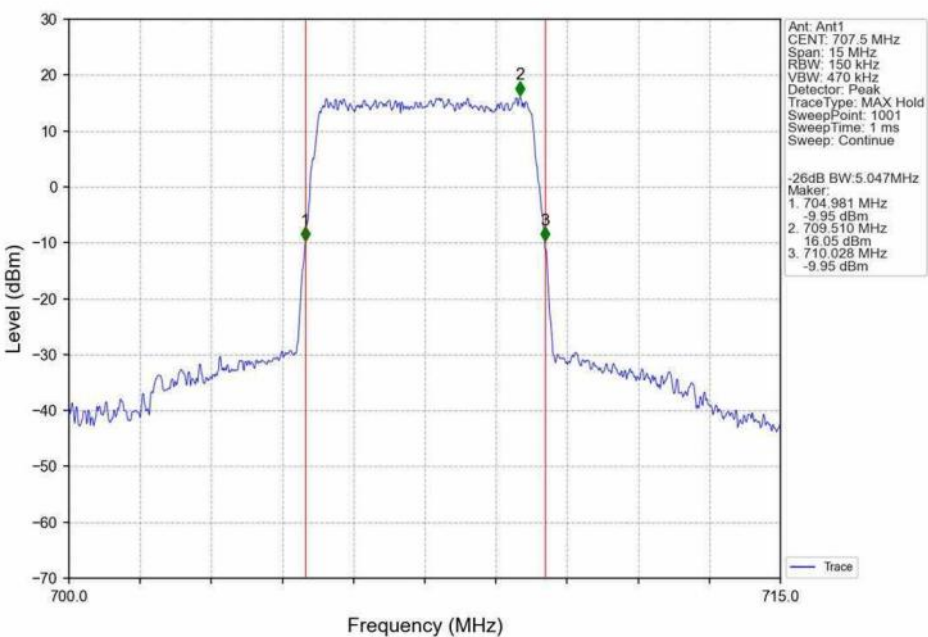
Band12 3MHz 16QAM HCH 714.5MHz RB 15 0 NTNV



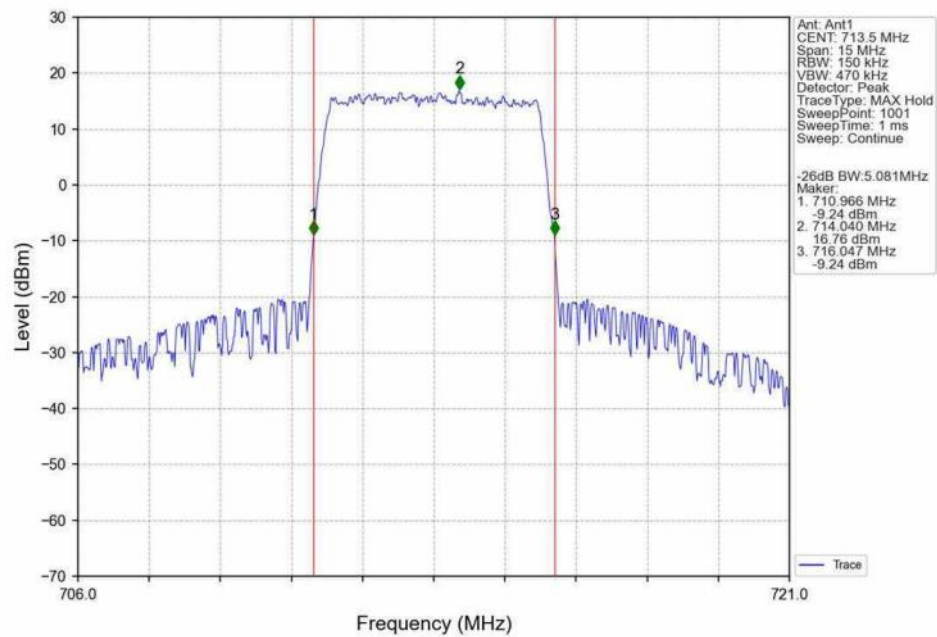
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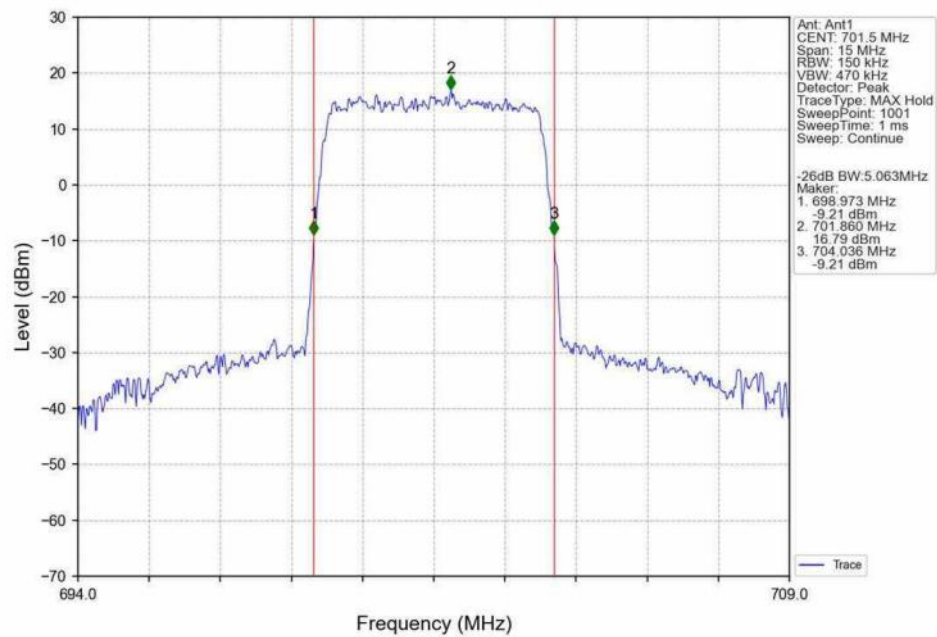
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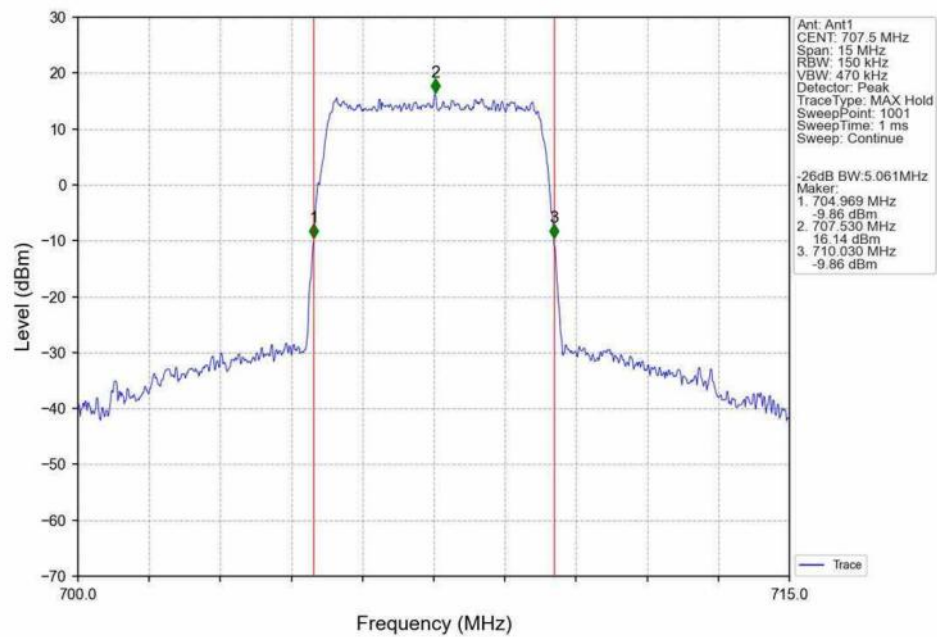
Band12 5MHz QPSK HCH 713.5MHz RB 25 0 NTV



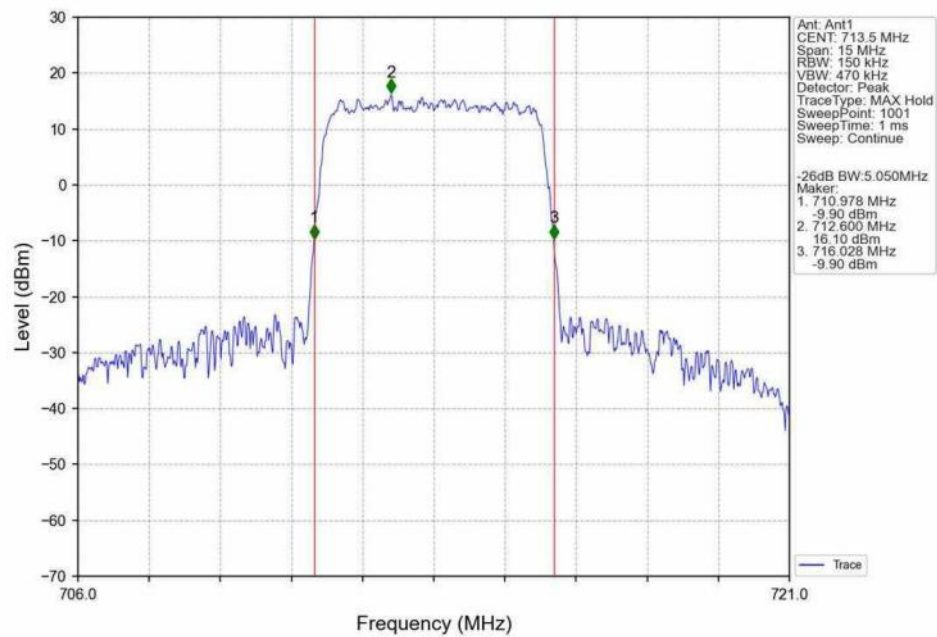
Band12 5MHz 16QAM LCH 701.5MHz RB 25 0 NTV



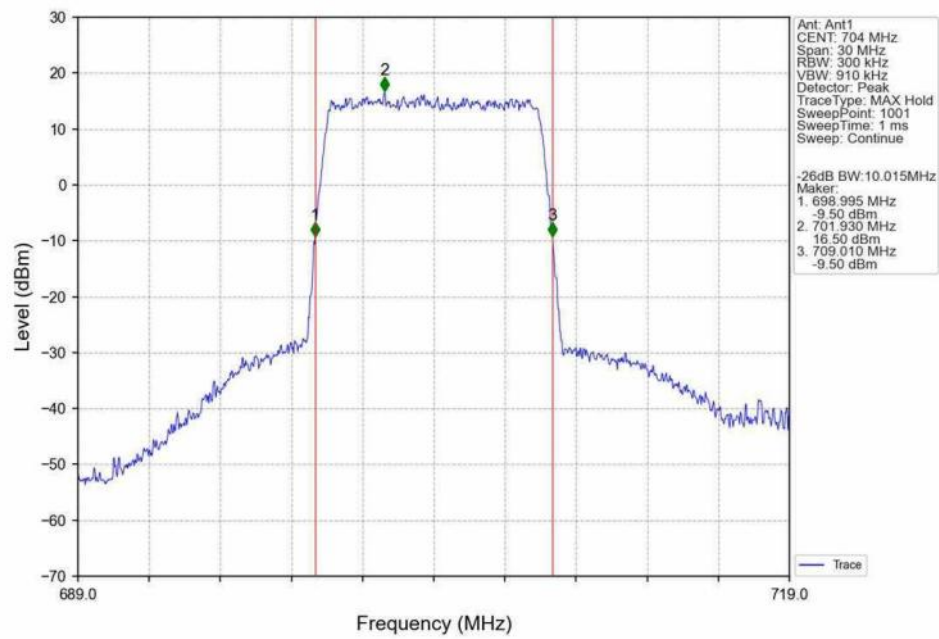
Band12 5MHz 16QAM MCH 707.5MHz RB 25 0 NTNV



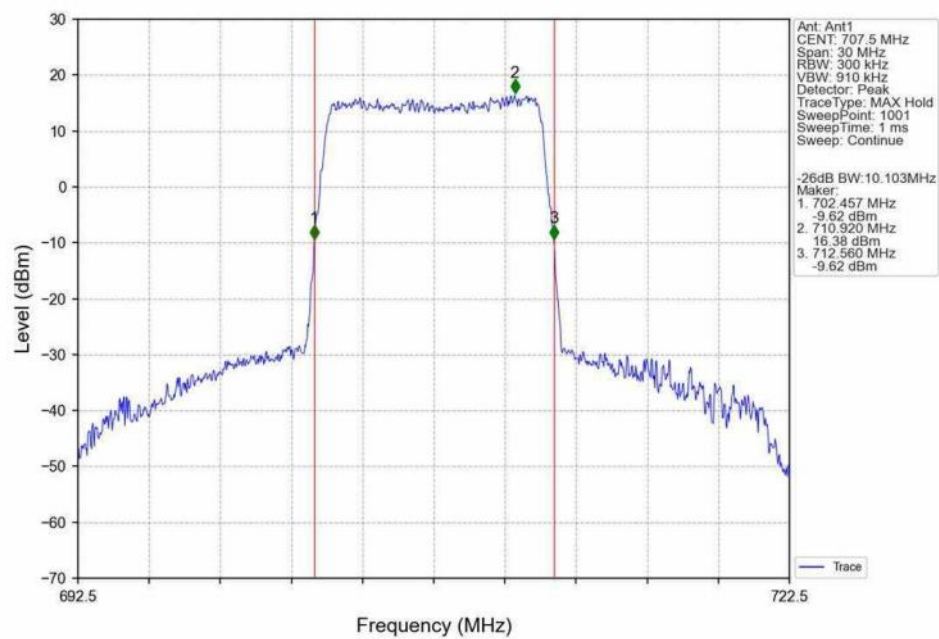
Band12 5MHz 16QAM HCH 713.5MHz RB 25 0 NTNV



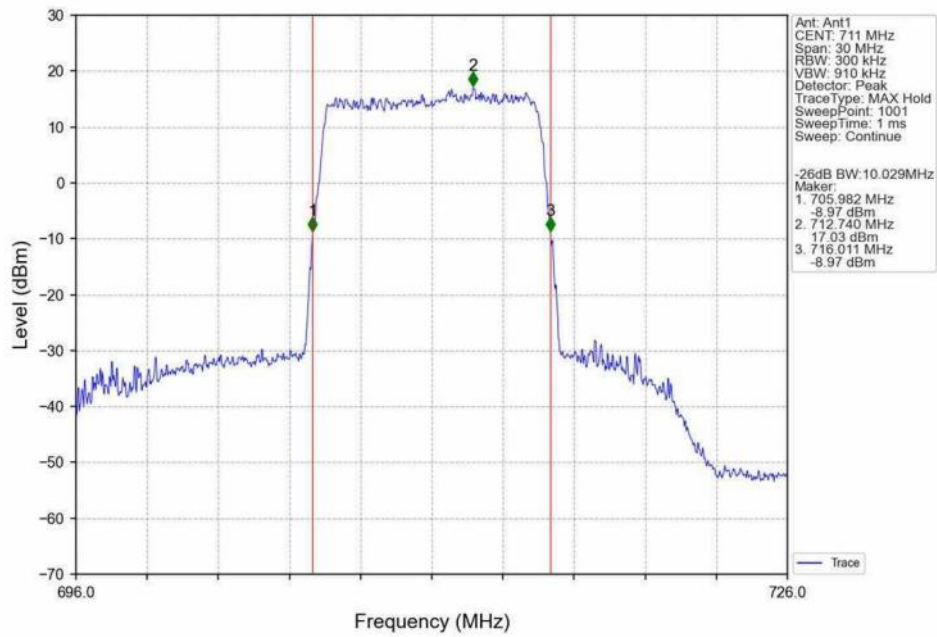
Band12 10MHz QPSK LCH 704MHz RB 50 0 NTNV



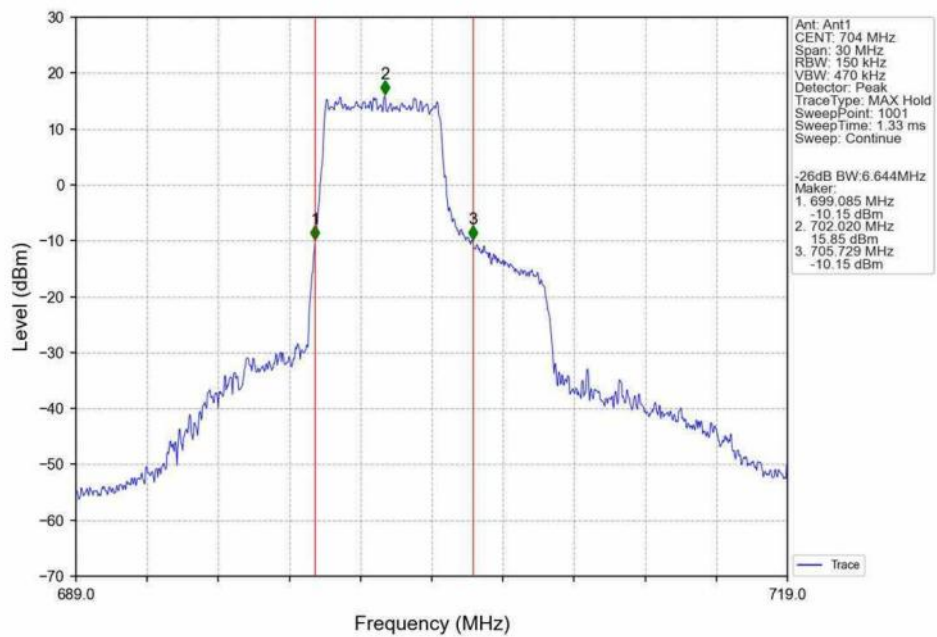
Band12 10MHz QPSK MCH 707.5MHz RB 50 0 NTNV



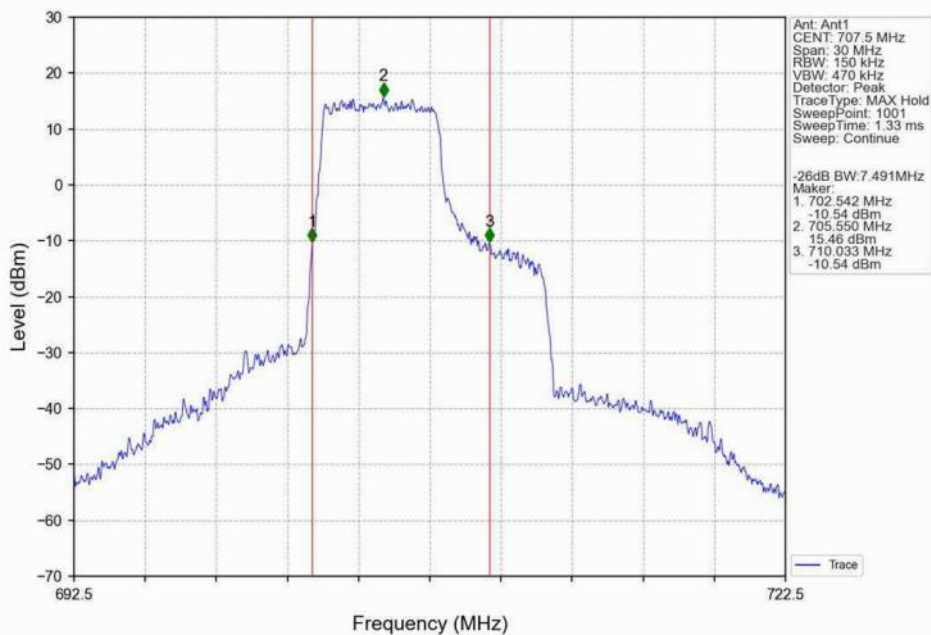
Band12 10MHz QPSK HCH 711MHz RB 50 0 NTNV



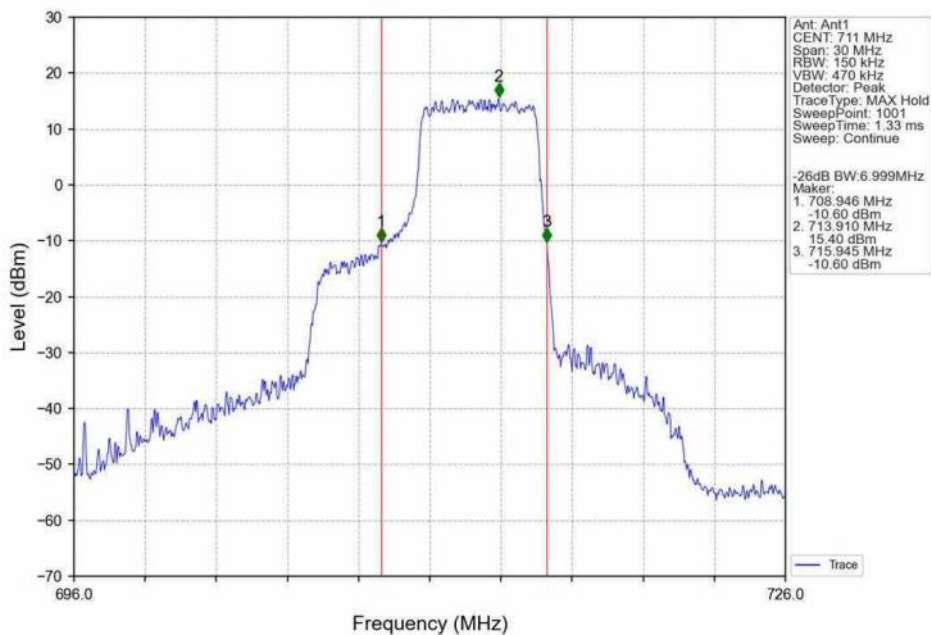
Band12 10MHz 16QAM LCH 704MHz RB 27 0 NTNV



Band12 10MHz 16QAM MCH 707.5MHz RB 27 0 NTNV



Band12 10MHz 16QAM HCH 711MHz RB 27 23 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	5.78	<=13	Pass
	707.5	6	0	5.86	<=13	Pass
	715.3	6	0	5.43	<=13	Pass
16QAM	699.7	6	0	5.78	<=13	Pass
	707.5	6	0	5.85	<=13	Pass
	715.3	6	0	5.43	<=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	5.83	<=13	Pass
	707.5	15	0	5.84	<=13	Pass
	714.5	15	0	5.44	<=13	Pass
16QAM	700.5	15	0	6.55	<=13	Pass
	707.5	15	0	6.61	<=13	Pass
	714.5	15	0	6.29	<=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	5.72	<=13	Pass
	707.5	25	0	5.82	<=13	Pass
	713.5	25	0	5.48	<=13	Pass
16QAM	701.5	25	0	5.72	<=13	Pass
	707.5	25	0	5.82	<=13	Pass
	713.5	25	0	5.48	<=13	Pass

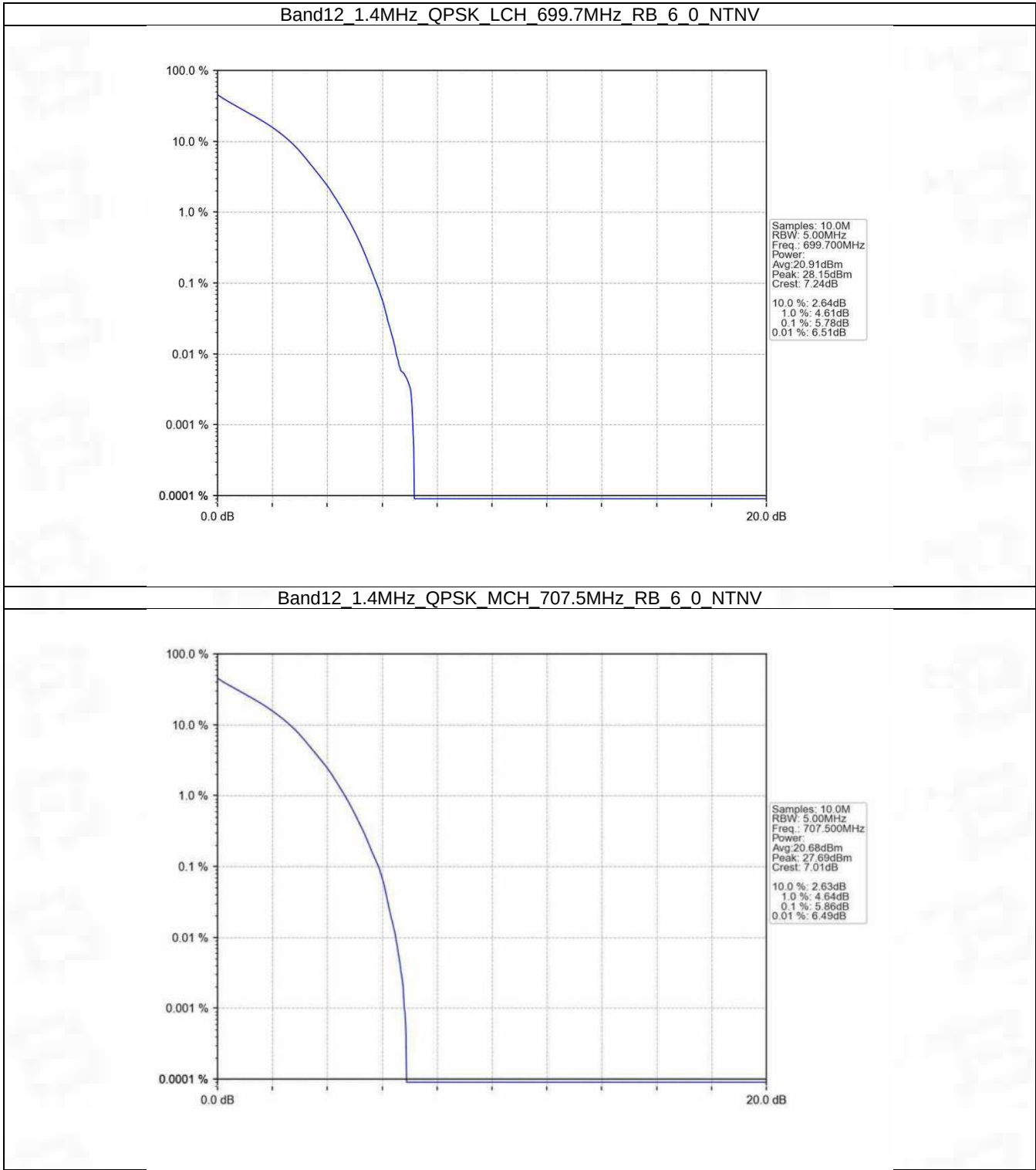
5.1.4 B12_10MHz

Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	704	50	0	5.83	<=13	Pass
	707.5	50	0	5.89	<=13	Pass
	711	50	0	5.70	<=13	Pass
16QAM	704	27	0	6.48	<=13	Pass
	707.5	27	0	6.54	<=13	Pass

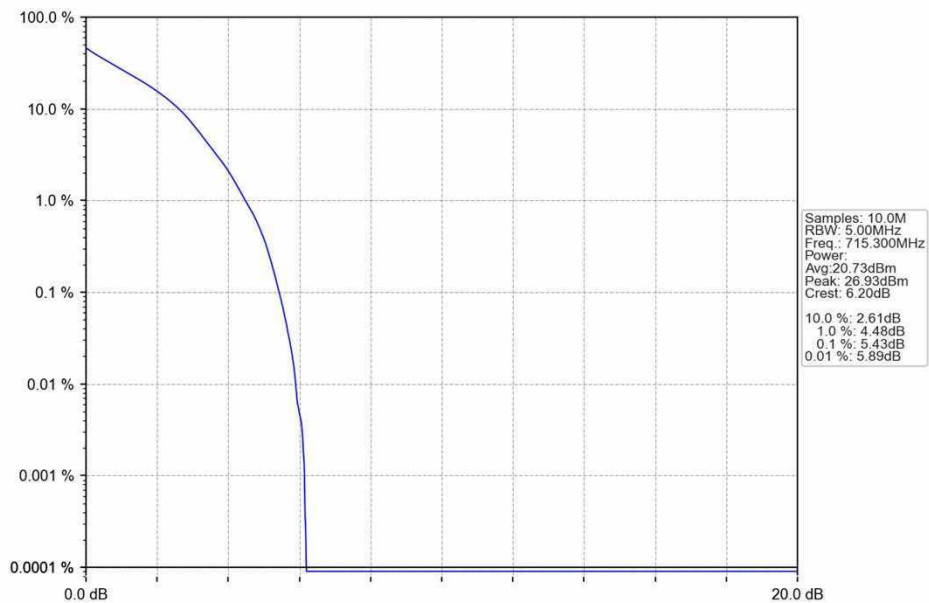
	711	27	23	6.33	<=13	Pass
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5.2 Test Graph

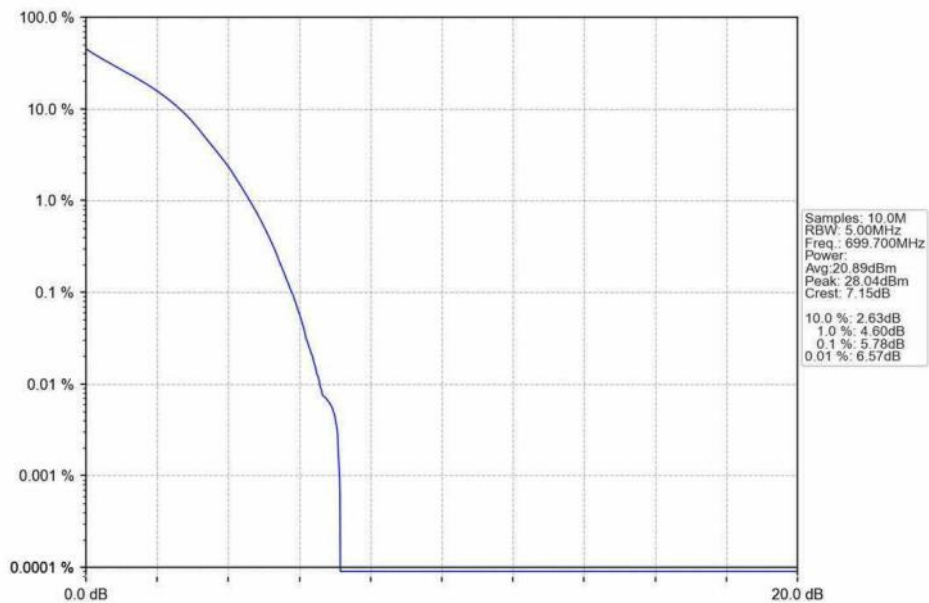
5.2.1 B12_1.4MHz



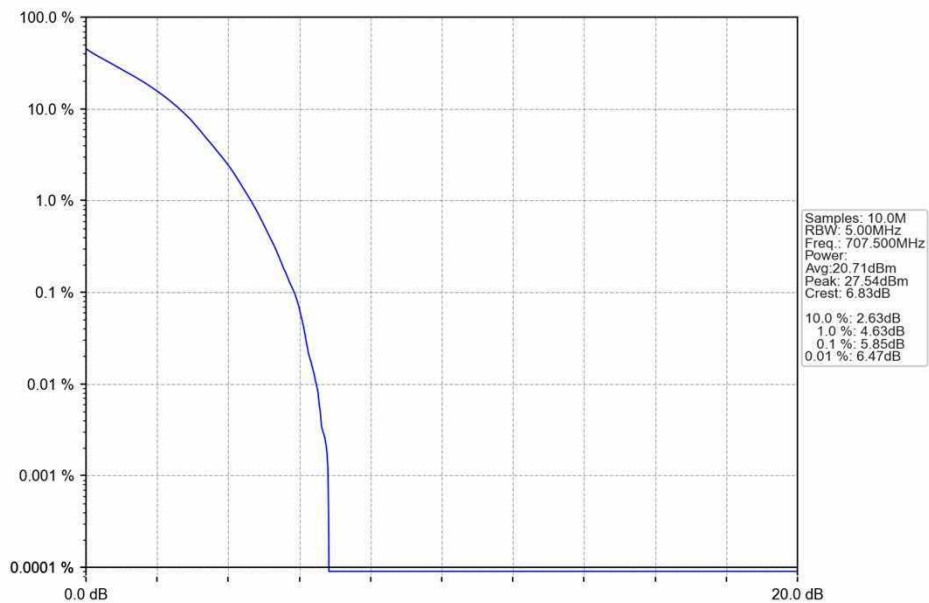
Band12 1.4MHz QPSK HCH 715.3MHz RB 6 0 NTV



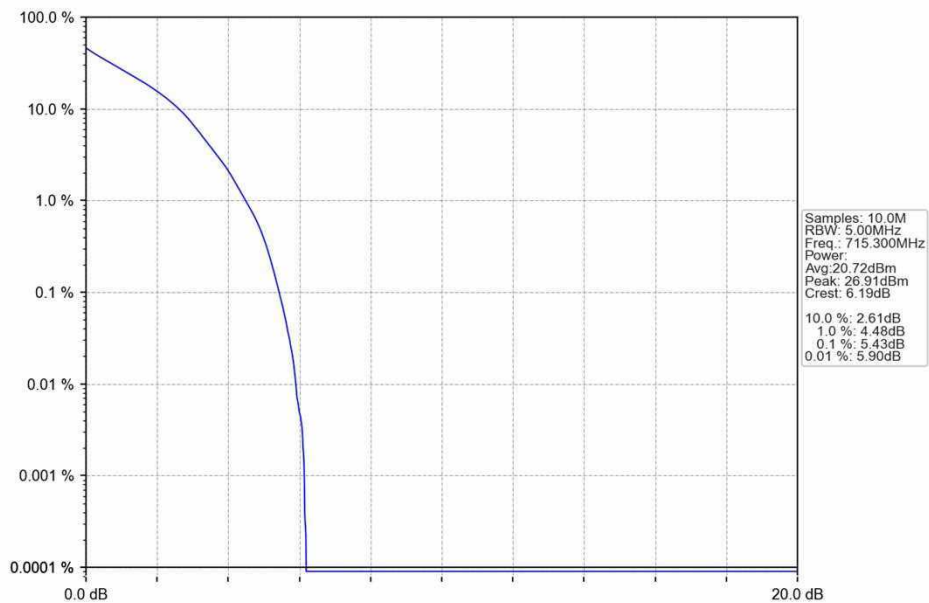
Band12 1.4MHz 16QAM LCH 699.7MHz RB 6 0 NTV



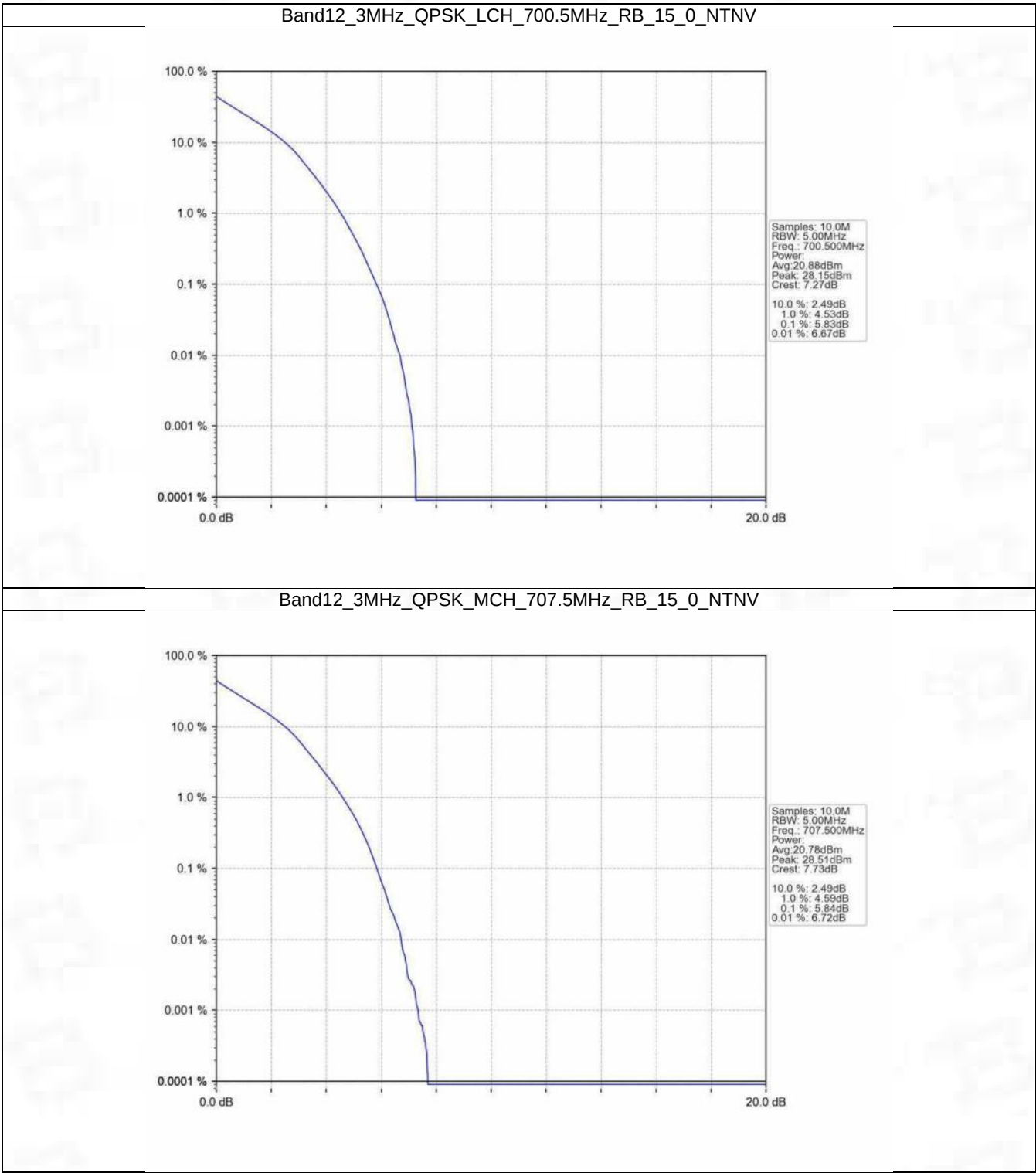
Band12 1.4MHz 16QAM MCH 707.5MHz RB 6 0 NTV



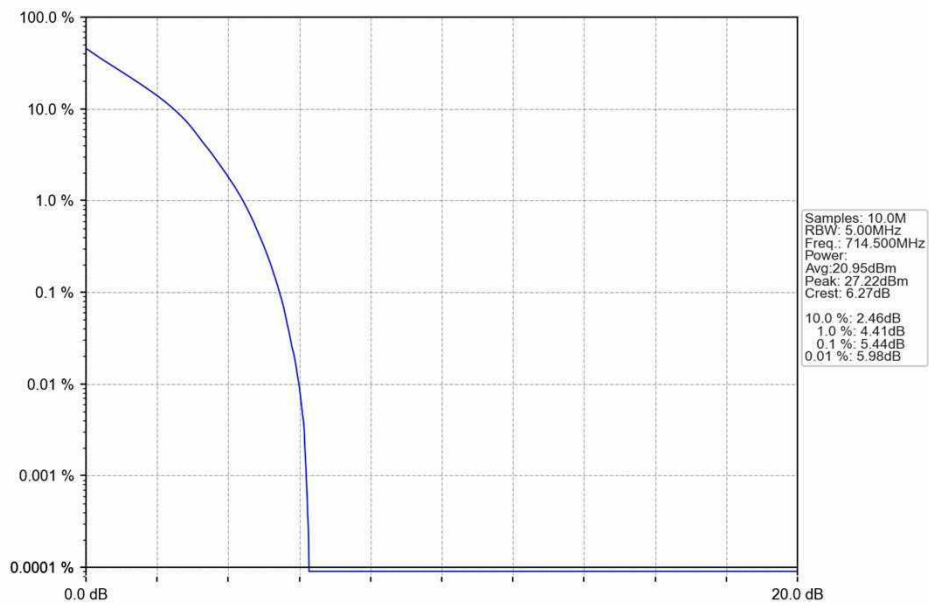
Band12 1.4MHz 16QAM HCH 715.3MHz RB 6 0 NTV



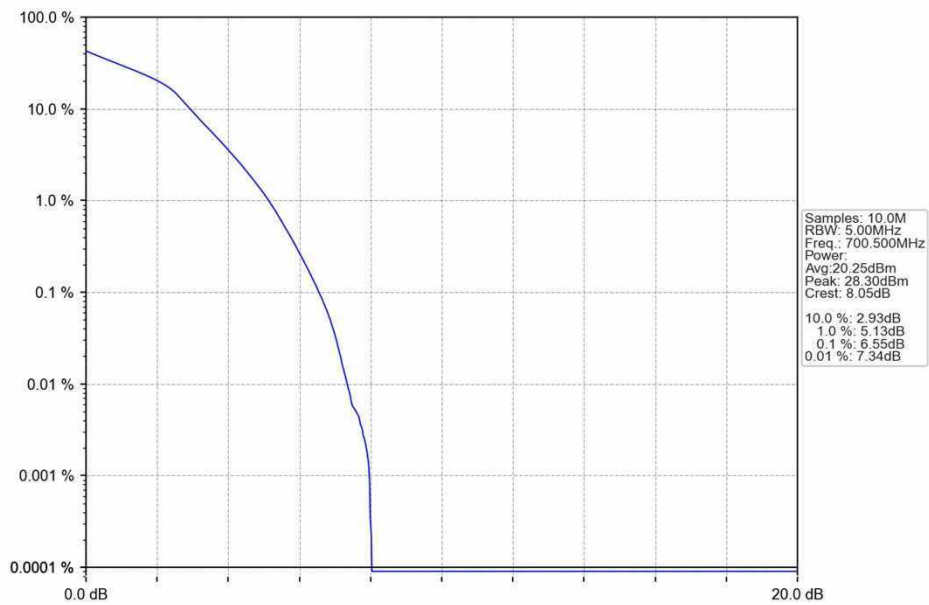
5.2.2 B12_3MHz



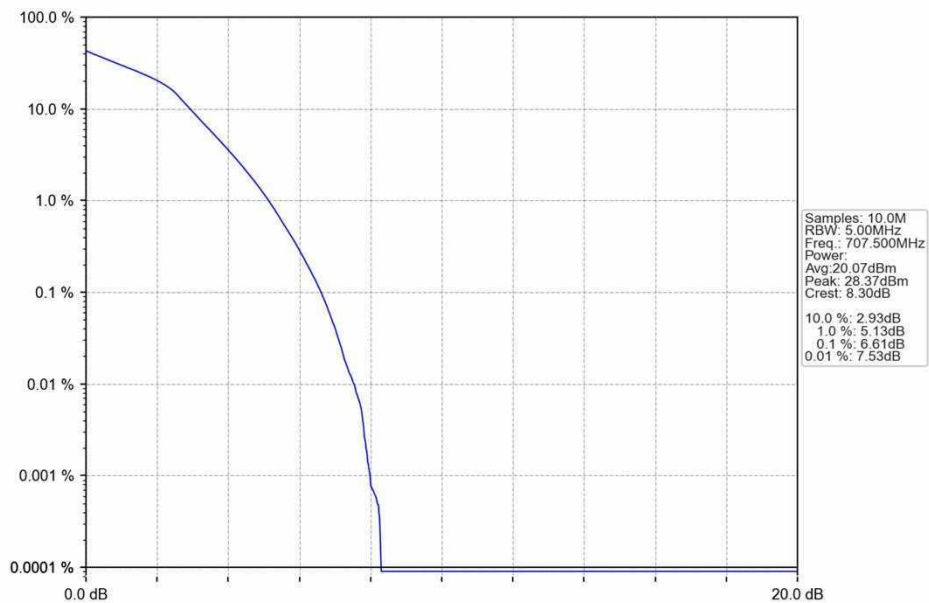
Band12 3MHz QPSK HCH 714.5MHz RB 15 0 NTN



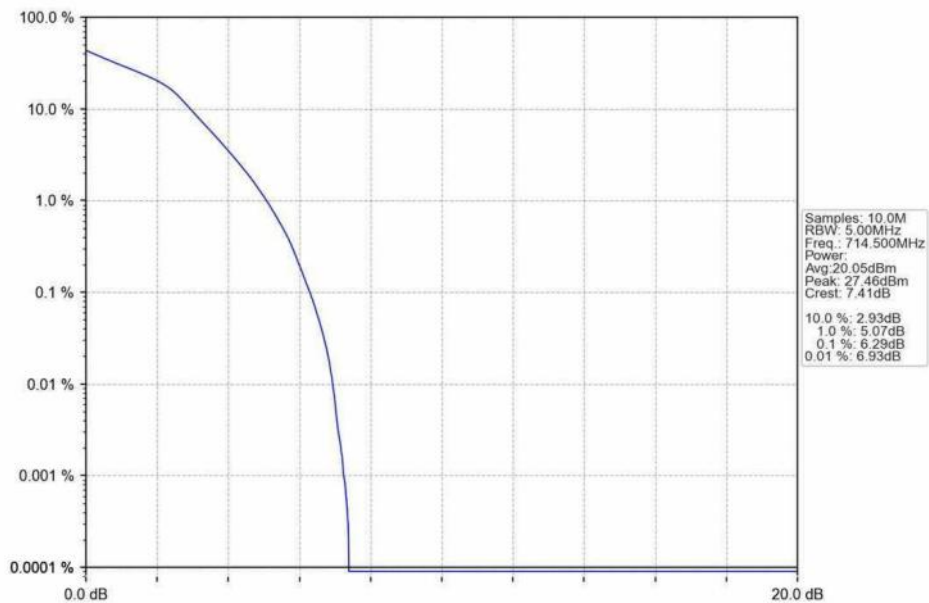
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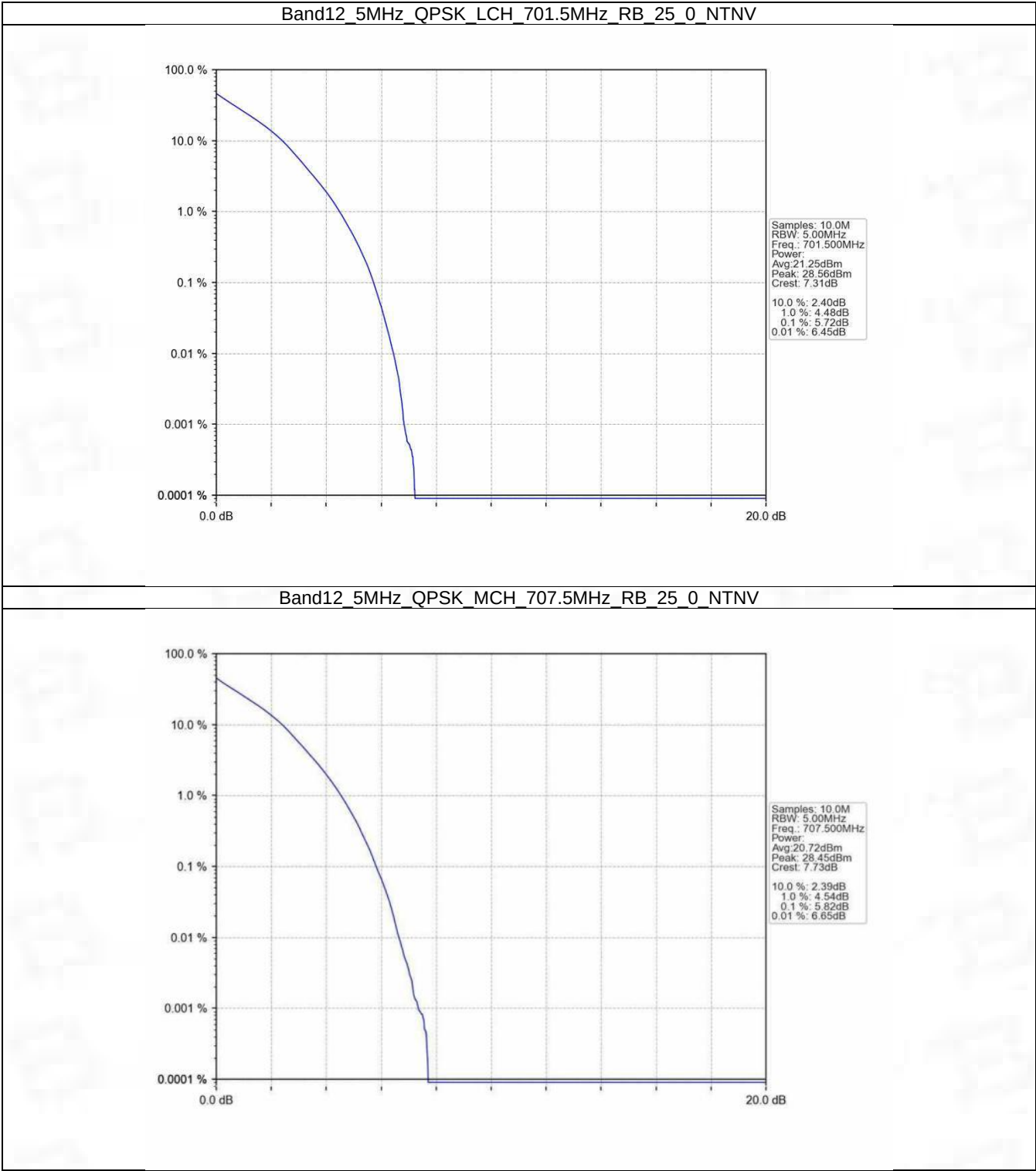
Band12 3MHz 16QAM MCH 707.5MHz RB 15 0 NTV



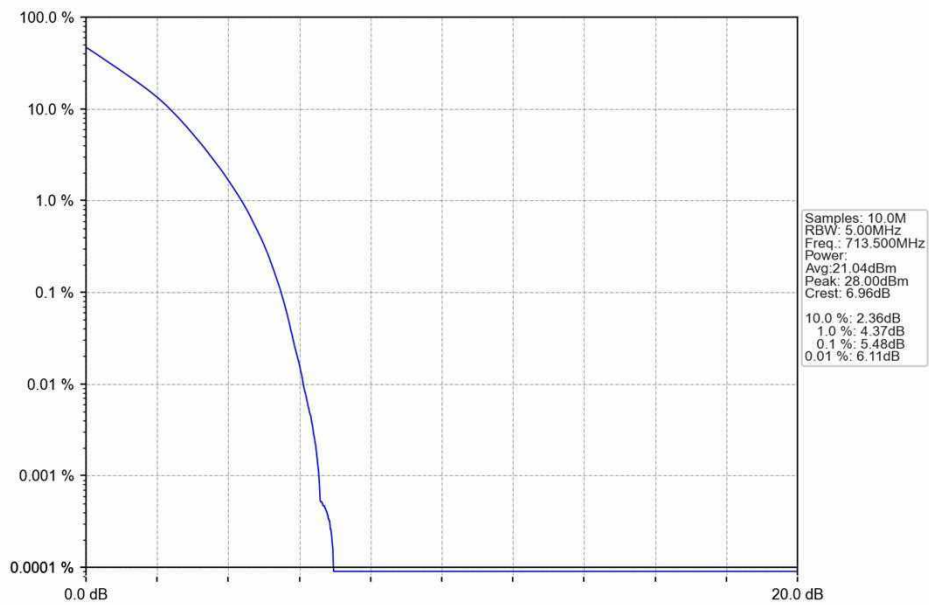
Band12 3MHz 16QAM HCH 714.5MHz RB 15 0 NTV



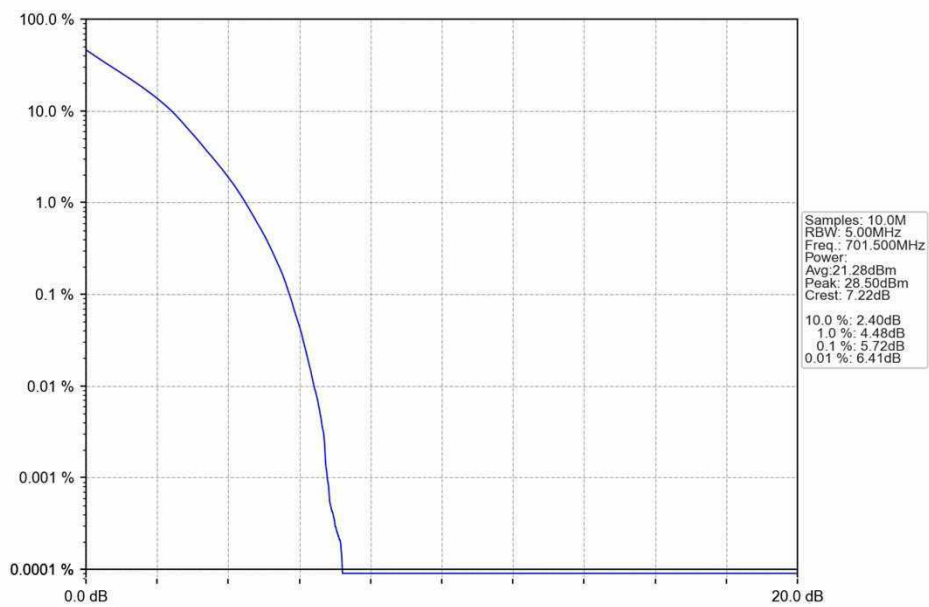
5.2.3 B12_5MHz



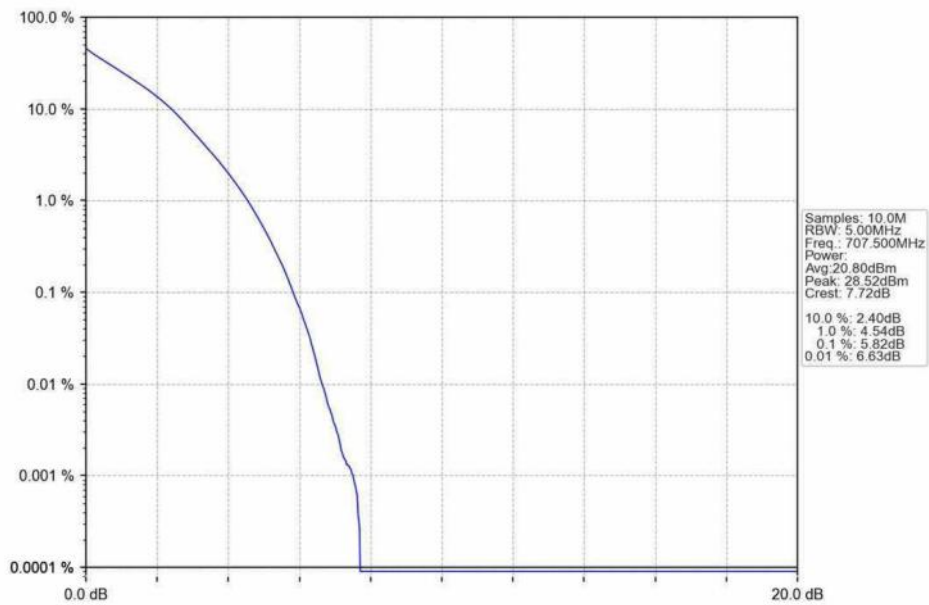
Band12 5MHz QPSK HCH 713.5MHz RB 25 0 NTNV



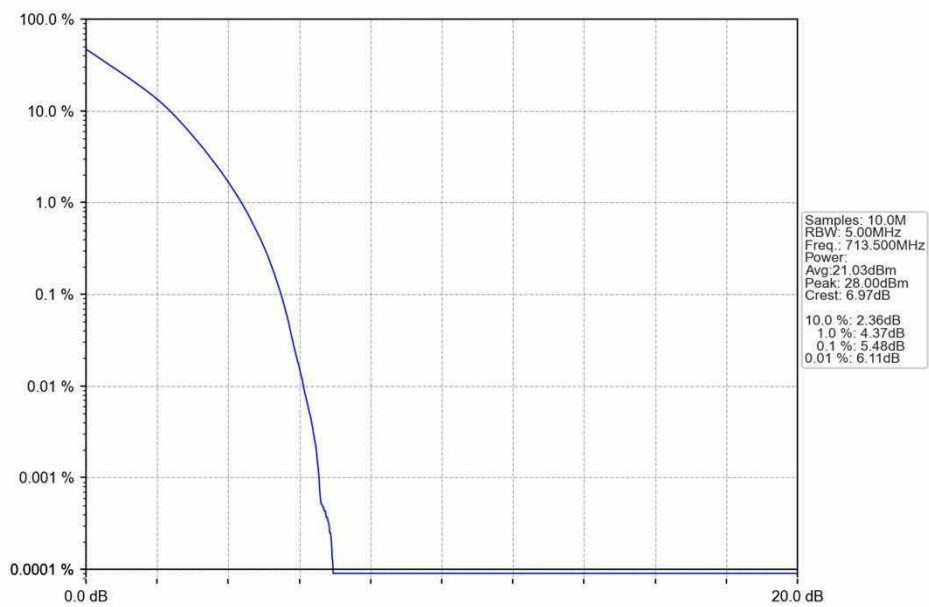
Band12 5MHz 16QAM LCH 701.5MHz RB 25 0 NTNV



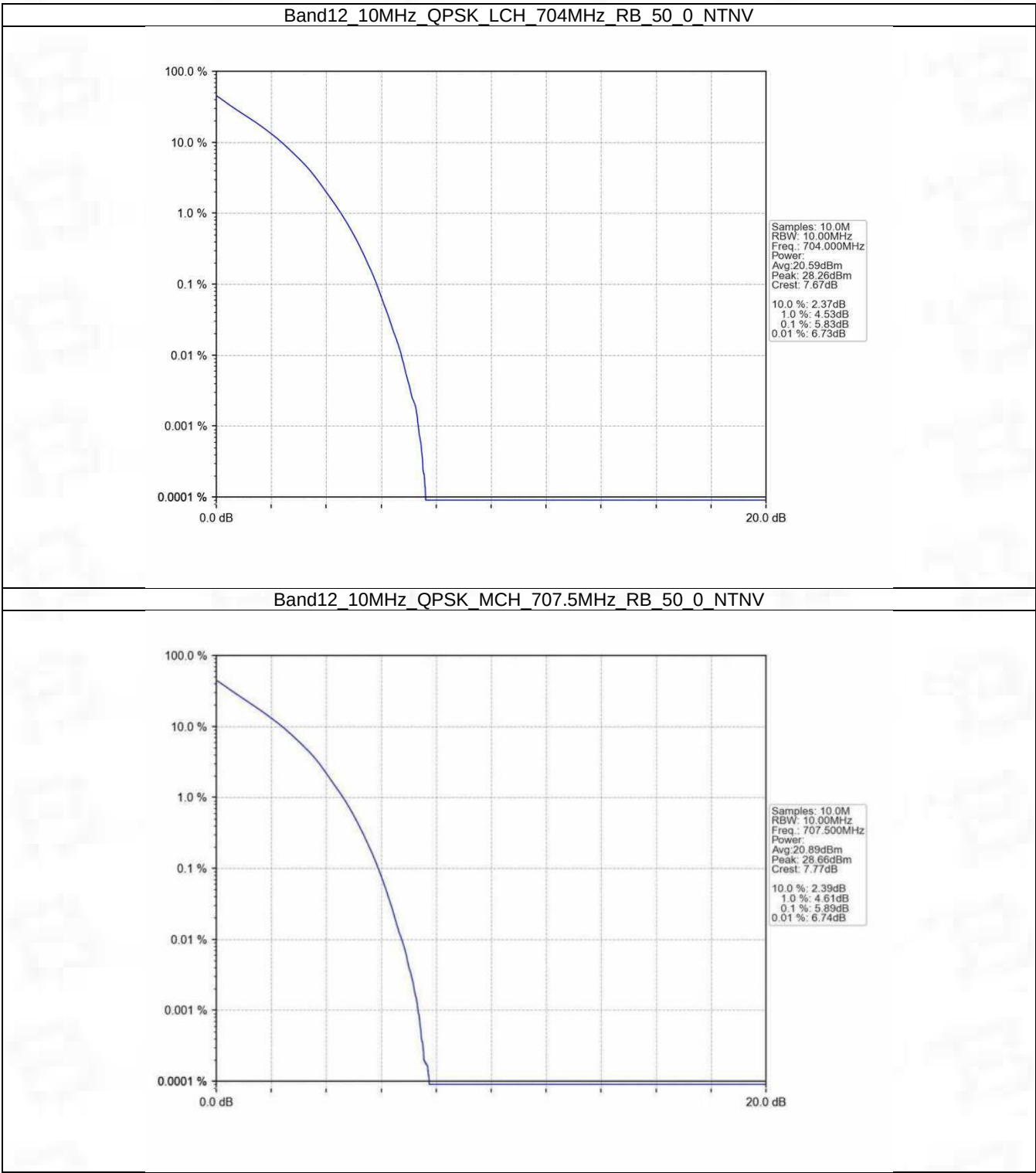
Band12 5MHz 16QAM MCH 707.5MHz RB 25 0 NTNV



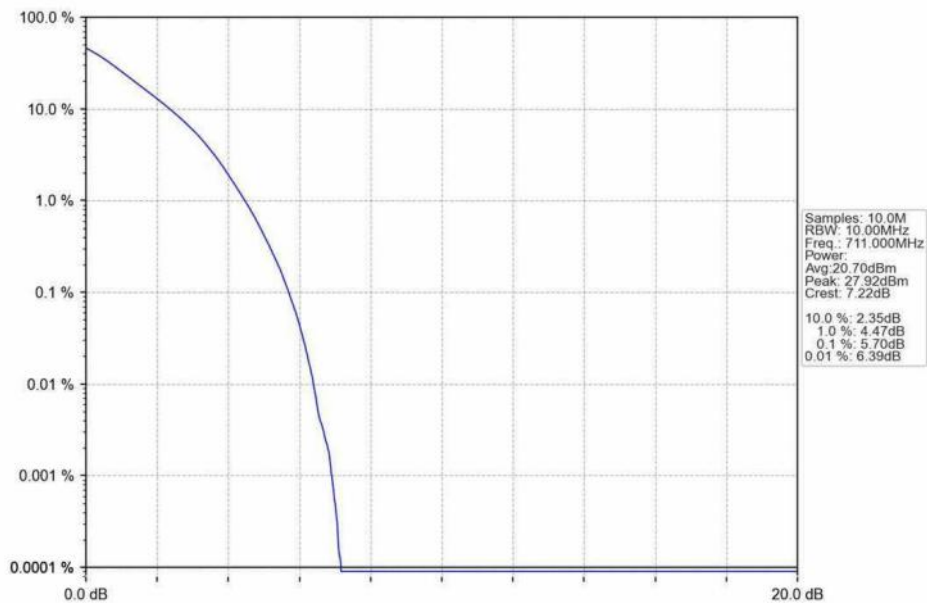
Band12 5MHz 16QAM HCH 713.5MHz RB 25 0 NTNV



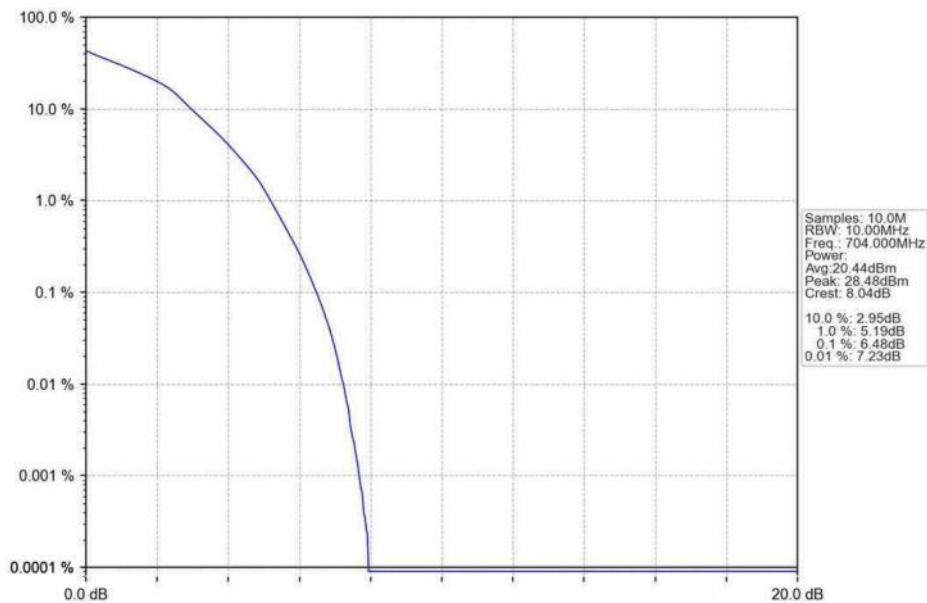
5.2.4 B12_10MHz



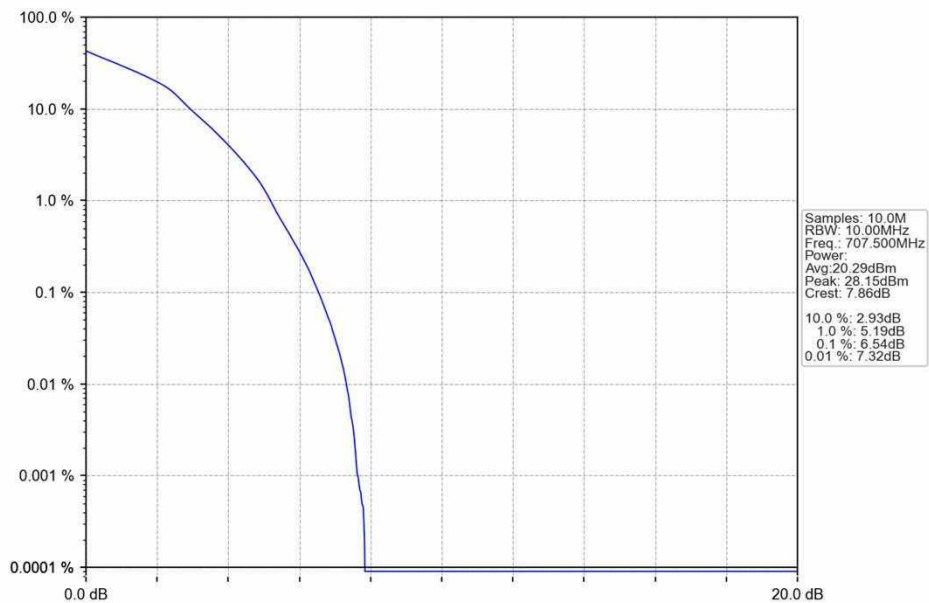
Band12 10MHz QPSK HCH 711MHz RB 50 0 NTN



Band12 10MHz 16QAM LCH 704MHz RB 27 0 NTN



Band12 10MHz 16QAM MCH 707.5MHz RB 27 0 NTNV



Band12 10MHz 16QAM HCH 711MHz RB 27 23 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

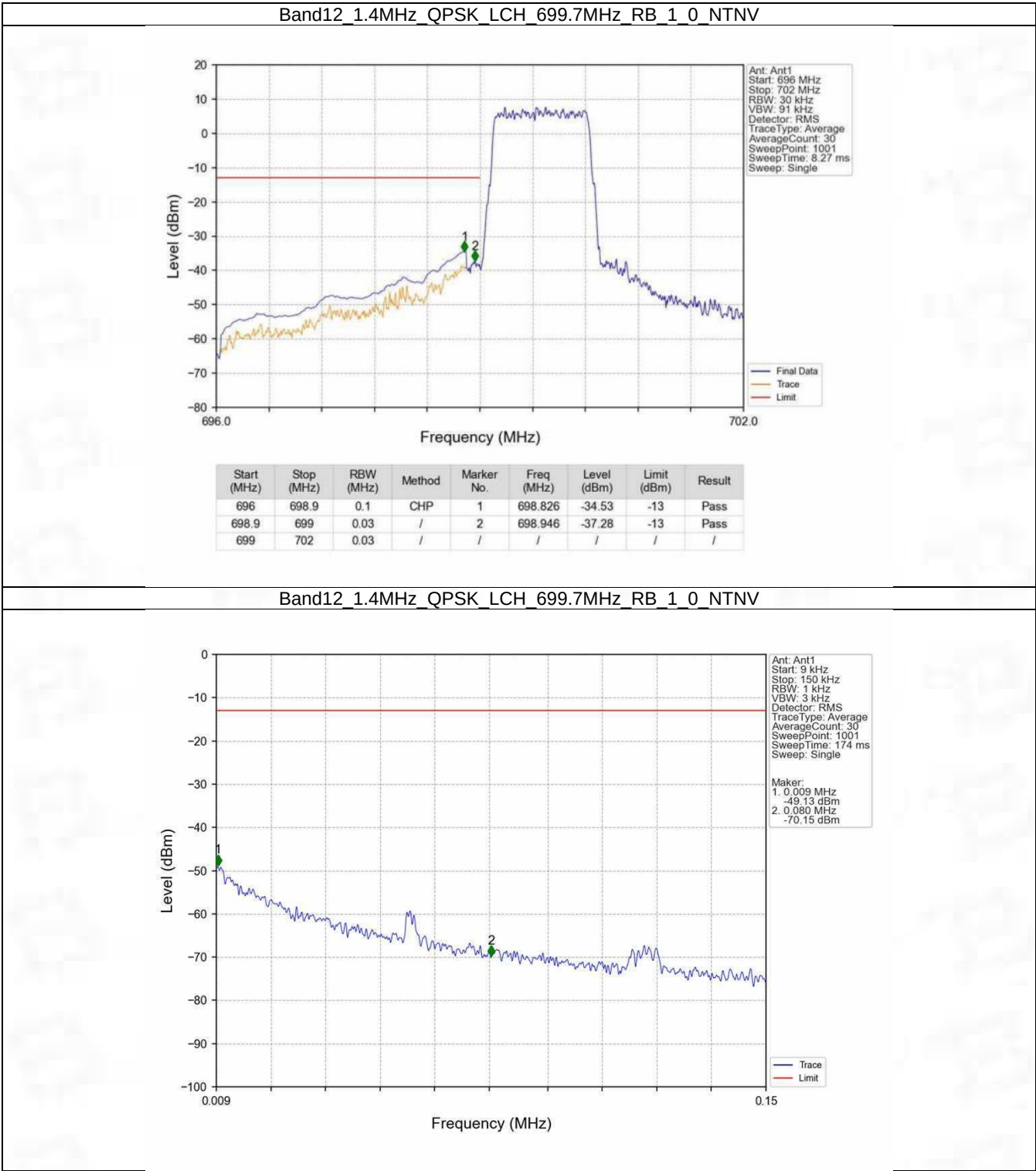
		25	0	Refer To Test Graph	Pass
	707.5	1	0	Refer To Test Graph	Pass
	713.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

6.1.4 B12_10MHz

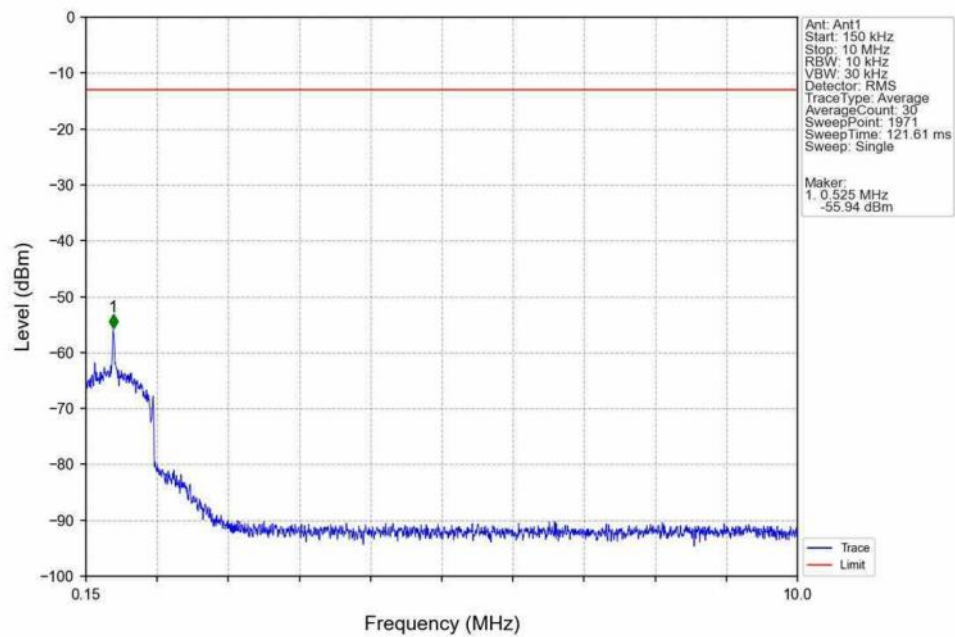
Band: 12 / Bandwidth: 10MHz / NTV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	Verdict
		Size	Offset	Result	Limit
QPSK	704	1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	707.5	1	0	Refer To Test Graph	Pass
	711	1	0	Refer To Test Graph	Pass
			49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
16QAM	704	1	0	Refer To Test Graph	Pass
	707.5	1	0	Refer To Test Graph	Pass
	711	1	0	Refer To Test Graph	Pass
			49	Refer To Test Graph	Pass

6.2 Test Graph

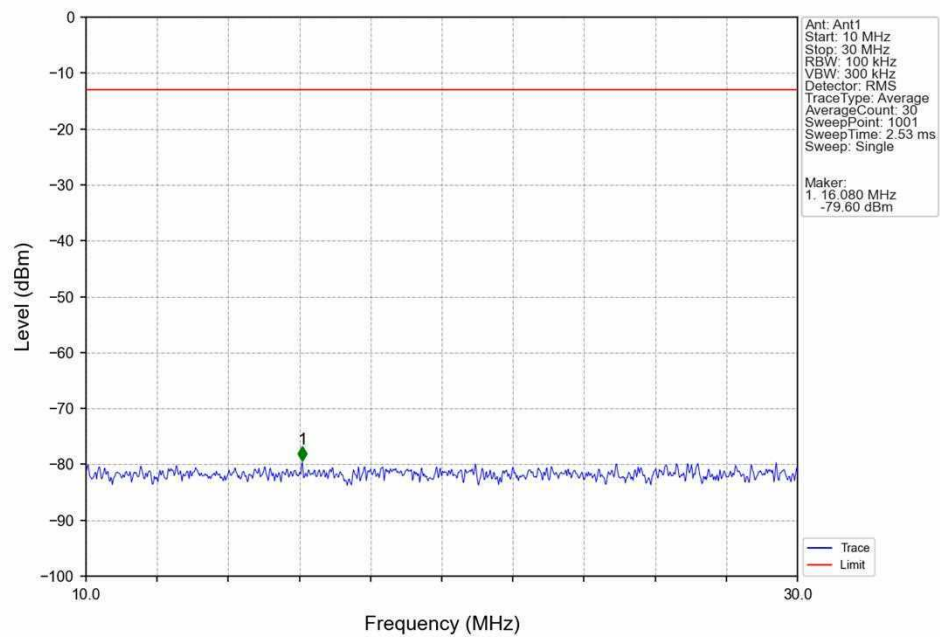
6.2.1 B12_1.4MHz



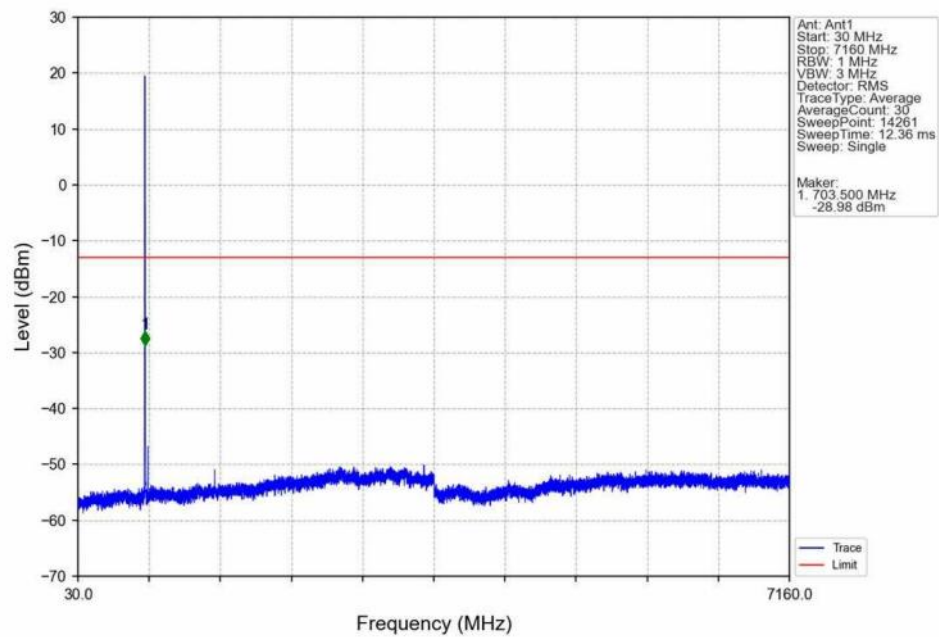
Band12 1.4MHz QPSK LCH 699.7MHz RB 1 0 NTNV



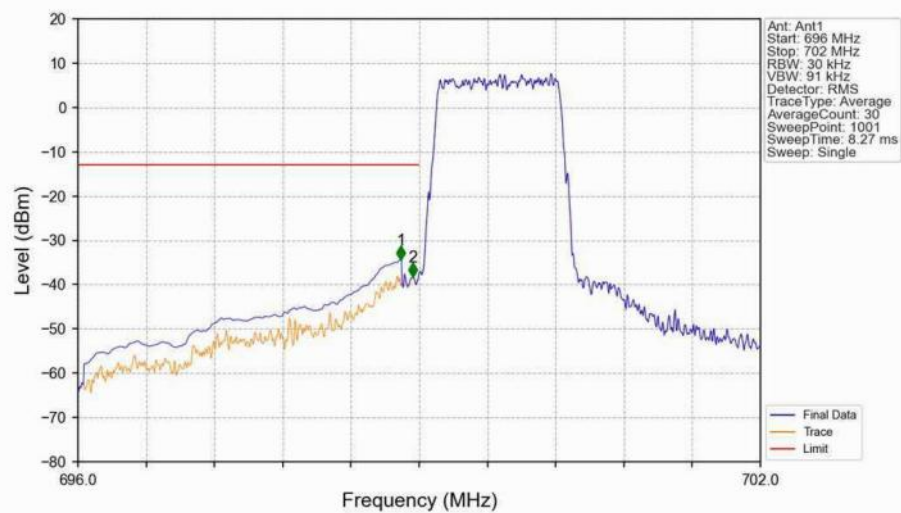
Band12 1.4MHz QPSK LCH 699.7MHz RB 1 0 NTNV



Band12 1.4MHz QPSK LCH 699.7MHz RB 1 0 NTNV

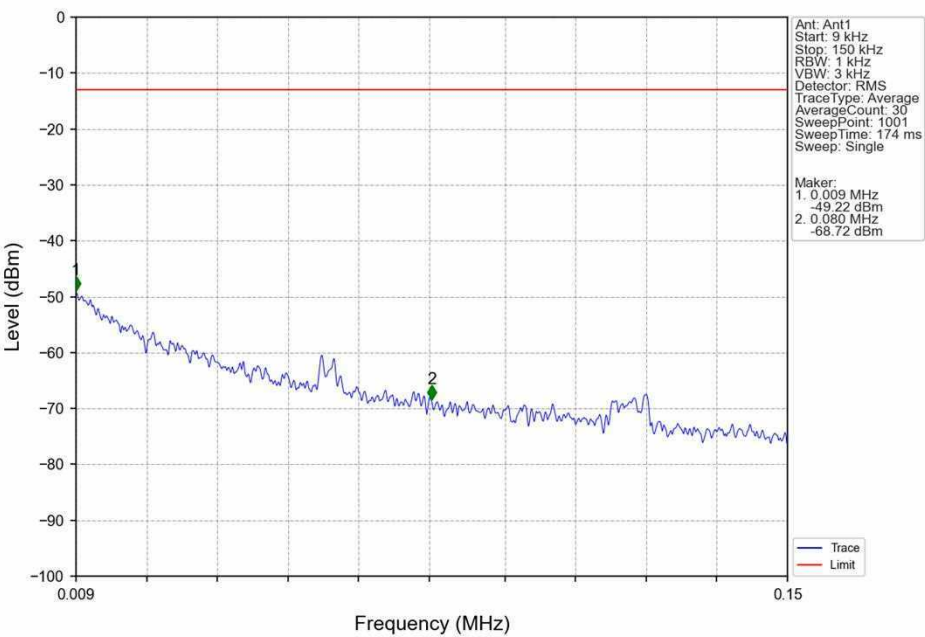


Band12 1.4MHz QPSK LCH 699.7MHz RB 6 0 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.838	-34.44	-13	Pass
698.9	699	0.03	/	2	698.946	-38.22	-13	Pass
699	702	0.03	/	/	/	/	/	/

Band12 1.4MHz QPSK MCH 707.5MHz RB 1 0 NTV



Band12 1.4MHz QPSK MCH 707.5MHz RB 1 0 NTV

