

Appendix - LTE_band_12

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	23.19	-6.51	14.53	<=34.77	Pass	
			2	23.48	-6.51	14.82	<=34.77	Pass	
			5	23.38	-6.51	14.72	<=34.77	Pass	
		3	0	23.33	-6.51	14.67	<=34.77	Pass	
			2	23.42	-6.51	14.76	<=34.77	Pass	
			3	23.44	-6.51	14.78	<=34.77	Pass	
		6	0	22.36	-6.51	13.70	<=34.77	Pass	
		707.5	1	0	23.23	-6.51	14.57	<=34.77	Pass
				2	23.29	-6.51	14.63	<=34.77	Pass
	5			23.23	-6.51	14.57	<=34.77	Pass	
	3		0	23.46	-6.51	14.80	<=34.77	Pass	
			2	23.43	-6.51	14.77	<=34.77	Pass	
			3	23.39	-6.51	14.73	<=34.77	Pass	
	715.3	6	0	22.44	-6.51	13.78	<=34.77	Pass	
		1	0	23.30	-6.51	14.64	<=34.77	Pass	
			2	23.65	-6.51	14.99	<=34.77	Pass	
			5	23.75	-6.51	15.09	<=34.77	Pass	
		3	0	23.47	-6.51	14.81	<=34.77	Pass	
			2	23.63	-6.51	14.97	<=34.77	Pass	
			3	23.73	-6.51	15.07	<=34.77	Pass	
		6	0	22.60	-6.51	13.94	<=34.77	Pass	
16QAM		699.7	1	0	22.47	-6.51	13.81	<=34.77	Pass
	2			22.45	-6.51	13.79	<=34.77	Pass	
	5			22.38	-6.51	13.72	<=34.77	Pass	
	3		0	22.71	-6.51	14.05	<=34.77	Pass	
			2	22.76	-6.51	14.10	<=34.77	Pass	
			3	22.79	-6.51	14.13	<=34.77	Pass	
	6		0	21.53	-6.51	12.87	<=34.77	Pass	
	707.5	1	0	22.84	-6.51	14.18	<=34.77	Pass	
			2	22.97	-6.51	14.31	<=34.77	Pass	
			5	22.80	-6.51	14.14	<=34.77	Pass	
		3	0	22.21	-6.51	13.55	<=34.77	Pass	
			2	22.62	-6.51	13.96	<=34.77	Pass	
			3	22.59	-6.51	13.93	<=34.77	Pass	
	6	0	21.52	-6.51	12.86	<=34.77	Pass		
	715.3	1	0	22.60	-6.51	13.94	<=34.77	Pass	
			2	22.69	-6.51	14.03	<=34.77	Pass	
			5	23.02	-6.51	14.36	<=34.77	Pass	
		3	0	22.91	-6.51	14.25	<=34.77	Pass	
			2	22.89	-6.51	14.23	<=34.77	Pass	
			3	23.17	-6.51	14.51	<=34.77	Pass	
		6	0	21.65	-6.51	12.99	<=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	23.45	-6.51	14.79	<=34.77	Pass
			7	23.56	-6.51	14.90	<=34.77	Pass
			14	23.46	-6.51	14.80	<=34.77	Pass
		8	0	22.49	-6.51	13.83	<=34.77	Pass
			4	22.54	-6.51	13.88	<=34.77	Pass
			7	22.58	-6.51	13.92	<=34.77	Pass
		15	0	22.52	-6.51	13.86	<=34.77	Pass
	707.5	1	0	23.51	-6.51	14.85	<=34.77	Pass
			7	23.55	-6.51	14.89	<=34.77	Pass
			14	23.40	-6.51	14.74	<=34.77	Pass
		8	0	22.53	-6.51	13.87	<=34.77	Pass
			4	22.48	-6.51	13.82	<=34.77	Pass
			7	22.62	-6.51	13.96	<=34.77	Pass
		15	0	22.41	-6.51	13.75	<=34.77	Pass
	714.5	1	0	23.61	-6.51	14.95	<=34.77	Pass
			7	23.65	-6.51	14.99	<=34.77	Pass
			14	23.99	-6.51	15.33	<=34.77	Pass
		8	0	22.59	-6.51	13.93	<=34.77	Pass
			4	22.77	-6.51	14.11	<=34.77	Pass
			7	22.76	-6.51	14.10	<=34.77	Pass
		15	0	22.74	-6.51	14.08	<=34.77	Pass
16QAM	700.5	1	0	22.27	-6.51	13.61	<=34.77	Pass
			7	22.44	-6.51	13.78	<=34.77	Pass
			14	22.47	-6.51	13.81	<=34.77	Pass
		8	0	21.50	-6.51	12.84	<=34.77	Pass
			4	21.45	-6.51	12.79	<=34.77	Pass
			7	21.68	-6.51	13.02	<=34.77	Pass
		15	0	21.47	-6.51	12.81	<=34.77	Pass
	707.5	1	0	23.04	-6.51	14.38	<=34.77	Pass
			7	23.18	-6.51	14.52	<=34.77	Pass
			14	23.07	-6.51	14.41	<=34.77	Pass
		8	0	21.68	-6.51	13.02	<=34.77	Pass
			4	21.65	-6.51	12.99	<=34.77	Pass
			7	21.42	-6.51	12.76	<=34.77	Pass
		15	0	21.33	-6.51	12.67	<=34.77	Pass
	714.5	1	0	23.37	-6.51	14.71	<=34.77	Pass
			7	22.98	-6.51	14.32	<=34.77	Pass
			14	23.76	-6.51	15.10	<=34.77	Pass
		8	0	22.00	-6.51	13.34	<=34.77	Pass
			4	21.86	-6.51	13.20	<=34.77	Pass
			7	21.95	-6.51	13.29	<=34.77	Pass
		15	0	21.80	-6.51	13.14	<=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	23.35	-6.51	14.69	<=34.77	Pass
			13	23.65	-6.51	14.99	<=34.77	Pass
			24	23.48	-6.51	14.82	<=34.77	Pass
		12	0	22.60	-6.51	13.94	<=34.77	Pass
			6	22.68	-6.51	14.02	<=34.77	Pass

			13	22.53	-6.51	13.87	<=34.77	Pass
		25	0	22.52	-6.51	13.86	<=34.77	Pass
	707.5	1	0	23.32	-6.51	14.66	<=34.77	Pass
			13	23.45	-6.51	14.79	<=34.77	Pass
			24	23.54	-6.51	14.88	<=34.77	Pass
		12	0	22.59	-6.51	13.93	<=34.77	Pass
			6	22.58	-6.51	13.92	<=34.77	Pass
			13	22.55	-6.51	13.89	<=34.77	Pass
		25	0	22.50	-6.51	13.84	<=34.77	Pass
	713.5	1	0	23.23	-6.51	14.57	<=34.77	Pass
			13	23.30	-6.51	14.64	<=34.77	Pass
			24	23.42	-6.51	14.76	<=34.77	Pass
		12	0	22.51	-6.51	13.85	<=34.77	Pass
			6	22.56	-6.51	13.90	<=34.77	Pass
			13	22.53	-6.51	13.87	<=34.77	Pass
		25	0	22.50	-6.51	13.84	<=34.77	Pass
16QAM	701.5	1	0	22.28	-6.51	13.62	<=34.77	Pass
			13	22.68	-6.51	14.02	<=34.77	Pass
			24	22.07	-6.51	13.41	<=34.77	Pass
		12	0	21.48	-6.51	12.82	<=34.77	Pass
			6	21.49	-6.51	12.83	<=34.77	Pass
			13	21.55	-6.51	12.89	<=34.77	Pass
		25	0	21.58	-6.51	12.92	<=34.77	Pass
	707.5	1	0	22.31	-6.51	13.65	<=34.77	Pass
			13	21.91	-6.51	13.25	<=34.77	Pass
			24	22.31	-6.51	13.65	<=34.77	Pass
		12	0	21.32	-6.51	12.66	<=34.77	Pass
			6	21.24	-6.51	12.58	<=34.77	Pass
			13	20.99	-6.51	12.33	<=34.77	Pass
		25	0	21.20	-6.51	12.54	<=34.77	Pass
	713.5	1	0	22.59	-6.51	13.93	<=34.77	Pass
			13	22.94	-6.51	14.28	<=34.77	Pass
			24	23.00	-6.51	14.34	<=34.77	Pass
		12	0	21.60	-6.51	12.94	<=34.77	Pass
			6	21.66	-6.51	13.00	<=34.77	Pass
			13	21.57	-6.51	12.91	<=34.77	Pass
		25	0	21.49	-6.51	12.83	<=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	23.25	-6.51	14.59	<=34.77	Pass
			25	23.73	-6.51	15.07	<=34.77	Pass
			49	23.29	-6.51	14.63	<=34.77	Pass
		25	0	22.35	-6.51	13.69	<=34.77	Pass
			13	22.35	-6.51	13.69	<=34.77	Pass
			25	22.47	-6.51	13.81	<=34.77	Pass
		50	0	22.56	-6.51	13.90	<=34.77	Pass
	707.5	1	0	23.29	-6.51	14.63	<=34.77	Pass
			25	23.57	-6.51	14.91	<=34.77	Pass
			49	23.33	-6.51	14.67	<=34.77	Pass
		25	0	22.42	-6.51	13.76	<=34.77	Pass
			13	22.47	-6.51	13.81	<=34.77	Pass
			25	22.52	-6.51	13.86	<=34.77	Pass
		50	0	22.38	-6.51	13.72	<=34.77	Pass
	711	1	0	23.50	-6.51	14.84	<=34.77	Pass
			25	23.92	-6.51	15.26	<=34.77	Pass

16QAM	704	25	49	23.67	-6.51	15.01	<=34.77	Pass
			0	22.49	-6.51	13.83	<=34.77	Pass
			13	22.66	-6.51	14.00	<=34.77	Pass
			25	22.59	-6.51	13.93	<=34.77	Pass
		50	0	22.50	-6.51	13.84	<=34.77	Pass
	707.5	1	0	22.33	-6.51	13.67	<=34.77	Pass
			25	22.33	-6.51	13.67	<=34.77	Pass
			49	21.89	-6.51	13.23	<=34.77	Pass
		12	0	22.58	-6.51	13.92	<=34.77	Pass
			19	22.54	-6.51	13.88	<=34.77	Pass
			38	22.48	-6.51	13.82	<=34.77	Pass
		27	0	21.29	-6.51	12.63	<=34.77	Pass
	711	1	0	22.73	-6.51	14.07	<=34.77	Pass
			25	23.02	-6.51	14.36	<=34.77	Pass
			49	23.17	-6.51	14.51	<=34.77	Pass
		12	0	22.28	-6.51	13.62	<=34.77	Pass
			19	22.52	-6.51	13.86	<=34.77	Pass
			38	22.64	-6.51	13.98	<=34.77	Pass
		27	0	21.43	-6.51	12.77	<=34.77	Pass
	711	1	0	22.67	-6.51	14.01	<=34.77	Pass
			25	23.38	-6.51	14.72	<=34.77	Pass
			49	22.95	-6.51	14.29	<=34.77	Pass
		12	0	22.41	-6.51	13.75	<=34.77	Pass
			19	22.81	-6.51	14.15	<=34.77	Pass
			38	22.62	-6.51	13.96	<=34.77	Pass
		27	23	21.50	-6.51	12.84	<=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	-1.216	-0.0017	-2.5 to 2.5	Pass
					3.85	-1.402	-0.0020	-2.5 to 2.5	Pass
					4.43	-1.974	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-1.202	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-1.502	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-1.459	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-2.060	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-1.702	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-1.516	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-1.802	-0.0026	-2.5 to 2.5	Pass
	50	3.85	-1.459	-0.0021	-2.5 to 2.5	Pass			
	707.5	6	0	20	3.27	-0.973	-0.0014	-2.5 to 2.5	Pass
					3.85	-1.087	-0.0015	-2.5 to 2.5	Pass
					4.43	-1.302	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-1.159	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-0.587	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-0.587	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-1.287	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-0.830	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-0.730	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-1.202	-0.0017	-2.5 to 2.5	Pass

16QAM	715.3	6	0	50	3.85	-1.073	-0.0015	-2.5 to 2.5	Pass
				20	3.27	0.615	0.0009	-2.5 to 2.5	Pass
					3.85	-0.644	-0.0009	-2.5 to 2.5	Pass
					4.43	-0.515	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-0.329	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-0.515	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-0.787	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-0.286	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-1.144	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-1.273	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-1.030	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-0.672	-0.0009	-2.5 to 2.5	Pass
	699.7	6	0	20	3.27	-0.844	-0.0012	-2.5 to 2.5	Pass
					3.85	-1.144	-0.0016	-2.5 to 2.5	Pass
					4.43	-0.973	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-1.659	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-1.416	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-0.787	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-0.801	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-1.431	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-0.901	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-1.616	-0.0023	-2.5 to 2.5	Pass
16QAM	707.5	6	0	50	3.85	-1.702	-0.0024	-2.5 to 2.5	Pass
				20	3.27	-0.572	-0.0008	-2.5 to 2.5	Pass
					3.85	-0.873	-0.0012	-2.5 to 2.5	Pass
					4.43	-0.601	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-1.087	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-0.415	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-1.216	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-1.001	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-1.388	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-1.559	-0.0022	-2.5 to 2.5	Pass
	715.3	6	0	40	3.85	-1.202	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-0.772	-0.0011	-2.5 to 2.5	Pass
				20	3.27	-0.587	-0.0008	-2.5 to 2.5	Pass
					3.85	-1.144	-0.0016	-2.5 to 2.5	Pass
					4.43	-0.801	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-1.616	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-1.745	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-0.730	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-0.429	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-0.887	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-1.187	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-1.502	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-0.873	-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	-0.701	-0.0010	-2.5 to 2.5	Pass
					3.85	-2.475	-0.0035	-2.5 to 2.5	Pass
					4.43	-1.702	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-0.987	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-1.945	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-1.402	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-1.431	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-1.817	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-0.973	-0.0014	-2.5 to 2.5	Pass

16QAM	707.5	15	0	40	3.85	-1.802	-0.0026	-2.5 to 2.5	Pass
				50	3.85	-1.431	-0.0020	-2.5 to 2.5	Pass
				20	3.27	-0.687	-0.0010	-2.5 to 2.5	Pass
					3.85	-0.830	-0.0012	-2.5 to 2.5	Pass
				4.43	0.300	0.0004	-2.5 to 2.5	Pass	Pass
					3.85	-1.187	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-0.458	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-1.445	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-1.373	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-2.046	-0.0029	-2.5 to 2.5	Pass
	714.5	15	0	10	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				30	3.85	-1.788	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-0.887	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-0.744	-0.0010	-2.5 to 2.5	Pass
				20	3.85	-0.587	-0.0008	-2.5 to 2.5	Pass
					4.43	0.386	0.0005	-2.5 to 2.5	Pass
				-30	3.85	0.186	0.0003	-2.5 to 2.5	Pass
					3.85	-0.114	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.429	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	0.358	0.0005	-2.5 to 2.5	Pass
				0	3.85	-1.116	-0.0016	-2.5 to 2.5	Pass
				10	3.85	1.073	0.0015	-2.5 to 2.5	Pass
				30	3.85	-0.401	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-0.243	-0.0003	-2.5 to 2.5	Pass
				50	3.85	-2.017	-0.0029	-2.5 to 2.5	Pass
	700.5	15	0	20	3.85	-1.917	-0.0027	-2.5 to 2.5	Pass
					4.43	-1.845	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-1.416	-0.0020	-2.5 to 2.5	Pass
					3.85	-1.559	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-2.446	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-1.502	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-1.688	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-2.317	-0.0033	-2.5 to 2.5	Pass
				30	3.85	-2.217	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-2.561	-0.0037	-2.5 to 2.5	Pass
				50	3.85	-0.458	-0.0006	-2.5 to 2.5	Pass
	707.5	15	0	20	3.85	-1.316	-0.0019	-2.5 to 2.5	Pass
					4.43	-1.044	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-1.202	-0.0017	-2.5 to 2.5	Pass
					3.85	0.172	0.0002	-2.5 to 2.5	Pass
				-20	3.85	1.044	0.0015	-2.5 to 2.5	Pass
				-10	3.85	0.858	0.0012	-2.5 to 2.5	Pass
				0	3.85	-0.973	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-0.072	-0.0001	-2.5 to 2.5	Pass
				30	3.85	-0.772	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-0.601	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-1.330	-0.0019	-2.5 to 2.5	Pass
	714.5	15	0	20	3.85	-1.101	-0.0015	-2.5 to 2.5	Pass
					4.43	-0.830	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	0.257	0.0004	-2.5 to 2.5	Pass
					3.85	0.401	0.0006	-2.5 to 2.5	Pass
				-20	3.85	-0.730	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	1.044	0.0015	-2.5 to 2.5	Pass
				0	3.85	0.272	0.0004	-2.5 to 2.5	Pass
				10	3.85	-0.114	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-0.501	-0.0007	-2.5 to 2.5	Pass
				40	3.85	0.587	0.0008	-2.5 to 2.5	Pass
				50	3.85	0.587	0.0008	-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	0.243	0.0003	-2.5 to 2.5	Pass
					3.85	-0.558	-0.0008	-2.5 to 2.5	Pass
					4.43	-0.129	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-0.458	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-0.300	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-0.386	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-0.300	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-0.644	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-1.702	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-0.844	-0.0012	-2.5 to 2.5	Pass
				50	3.85	0.043	0.0001	-2.5 to 2.5	Pass
	707.5	25	0	20	3.27	-1.116	-0.0016	-2.5 to 2.5	Pass
					3.85	-0.401	-0.0006	-2.5 to 2.5	Pass
					4.43	-0.415	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	0.200	0.0003	-2.5 to 2.5	Pass
				-20	3.85	-0.758	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-0.601	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-0.572	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-0.358	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-0.200	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-0.558	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-0.300	-0.0004	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-1.431	-0.0020	-2.5 to 2.5	Pass
					3.85	0.358	0.0005	-2.5 to 2.5	Pass
					4.43	0.072	0.0001	-2.5 to 2.5	Pass
				-30	3.85	-0.629	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	0.215	0.0003	-2.5 to 2.5	Pass
				-10	3.85	-0.858	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-0.443	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-0.772	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-0.973	-0.0014	-2.5 to 2.5	Pass
				40	3.85	0.286	0.0004	-2.5 to 2.5	Pass
16QAM	701.5	25	0	20	3.27	-0.501	-0.0007	-2.5 to 2.5	Pass
					3.85	-0.758	-0.0011	-2.5 to 2.5	Pass
					4.43	-1.016	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-0.257	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-0.601	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				0	3.85	0.272	0.0004	-2.5 to 2.5	Pass
				10	3.85	-0.544	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-1.001	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-0.300	-0.0004	-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	-0.272	-0.0004	-2.5 to 2.5	Pass
					3.85	-0.215	-0.0003	-2.5 to 2.5	Pass
					4.43	0.472	0.0007	-2.5 to 2.5	Pass
				-30	3.85	-0.629	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-0.157	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	0.615	0.0009	-2.5 to 2.5	Pass
				0	3.85	0.086	0.0001	-2.5 to 2.5	Pass
				10	3.85	0.200	0.0003	-2.5 to 2.5	Pass
				30	3.85	-0.257	-0.0004	-2.5 to 2.5	Pass
				40	3.85	0.315	0.0004	-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	-0.100	-0.0001	-2.5 to 2.5	Pass
					3.85	-1.631	-0.0023	-2.5 to 2.5	Pass
					4.43	-0.544	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-1.559	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-1.101	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-2.575	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-2.360	-0.0033	-2.5 to 2.5	Pass
				10	3.85	-0.687	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-1.016	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				50	3.85	0.830	0.0012	-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	-0.200	-0.0003	-2.5 to 2.5	Pass
					3.85	-0.029	0.0000	-2.5 to 2.5	Pass
					4.43	0.143	0.0002	-2.5 to 2.5	Pass
				-30	3.85	0.057	0.0001	-2.5 to 2.5	Pass
				-20	3.85	0.172	0.0002	-2.5 to 2.5	Pass
				-10	3.85	0.243	0.0003	-2.5 to 2.5	Pass
				0	3.85	0.086	0.0001	-2.5 to 2.5	Pass
				10	3.85	0.587	0.0008	-2.5 to 2.5	Pass
				30	3.85	0.157	0.0002	-2.5 to 2.5	Pass
				40	3.85	-0.200	-0.0003	-2.5 to 2.5	Pass
				50	3.85	0.601	0.0009	-2.5 to 2.5	Pass
	707.5	50	0	20	3.27	-1.087	-0.0015	-2.5 to 2.5	Pass
					3.85	-0.143	-0.0002	-2.5 to 2.5	Pass
					4.43	-0.186	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	-0.086	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	-0.930	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				0	3.85	-0.429	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-0.801	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-0.787	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				50	3.85	0.300	0.0004	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-2.003	-0.0028	-2.5 to 2.5	Pass
					3.85	-1.659	-0.0023	-2.5 to 2.5	Pass
					4.43	-1.173	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-2.103	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-2.732	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-2.260	-0.0032	-2.5 to 2.5	Pass
				0	3.85	-2.289	-0.0032	-2.5 to 2.5	Pass
				10	3.85	-2.089	-0.0029	-2.5 to 2.5	Pass
				30	3.85	-2.003	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-1.674	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-1.273	-0.0018	-2.5 to 2.5	Pass
16QAM	704	27	0	20	3.27	0.358	0.0005	-2.5 to 2.5	Pass
					3.85	0.057	0.0001	-2.5 to 2.5	Pass
					4.43	-0.443	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-0.315	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	1.202	0.0017	-2.5 to 2.5	Pass
				-10	3.85	1.230	0.0017	-2.5 to 2.5	Pass
				0	3.85	-0.300	-0.0004	-2.5 to 2.5	Pass
				10	3.85	0.329	0.0005	-2.5 to 2.5	Pass
				30	3.85	0.644	0.0009	-2.5 to 2.5	Pass
				40	3.85	-0.558	-0.0008	-2.5 to 2.5	Pass

	707.5	27	0	50	3.85	0.973	0.0014	-2.5 to 2.5	Pass
				20	3.27	-0.229	-0.0003	-2.5 to 2.5	Pass
					3.85	-0.300	-0.0004	-2.5 to 2.5	Pass
					4.43	0.386	0.0005	-2.5 to 2.5	Pass
				-30	3.85	-0.072	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	-0.572	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	0.386	0.0005	-2.5 to 2.5	Pass
				0	3.85	-0.572	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-0.472	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-0.529	-0.0007	-2.5 to 2.5	Pass
	711	27	23	40	3.85	0.372	0.0005	-2.5 to 2.5	Pass
				50	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				20	3.27	-1.817	-0.0026	-2.5 to 2.5	Pass
					3.85	-1.802	-0.0025	-2.5 to 2.5	Pass
					4.43	-2.375	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-2.861	-0.0040	-2.5 to 2.5	Pass
				-20	3.85	-1.574	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-1.931	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-2.260	-0.0032	-2.5 to 2.5	Pass
				10	3.85	-1.788	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-1.016	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-2.890	-0.0041	-2.5 to 2.5	Pass
				50	3.85	-2.317	-0.0033	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B12_1.4MHz

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

3.1.2 B12_3MHz

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

3.1.3 B12_5MHz

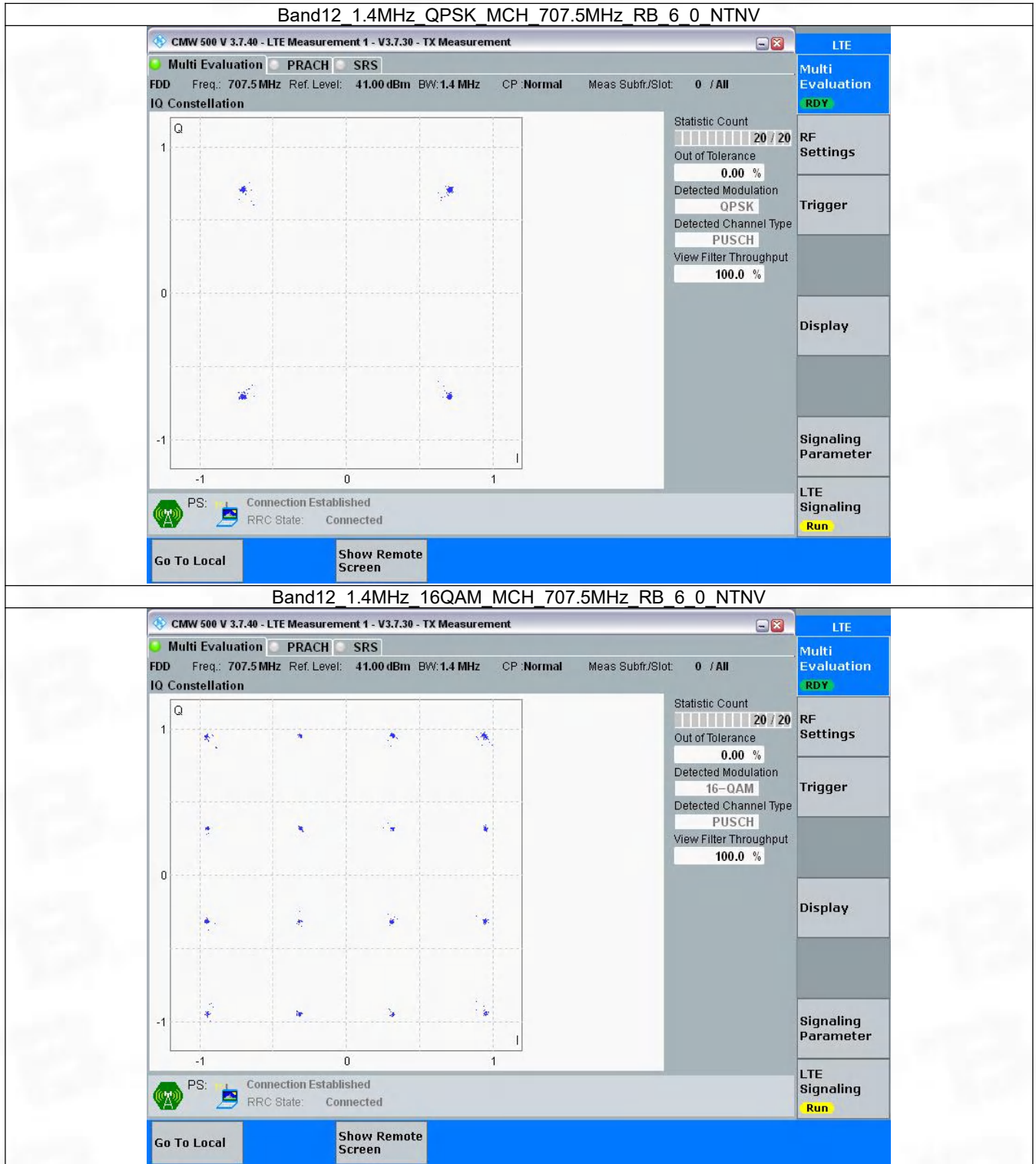
Band: 12 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	707.5	25	0	Refer To Test Graph		Pass
16QAM	707.5	25	0	Refer To Test Graph		Pass

3.1.4 B12_10MHz

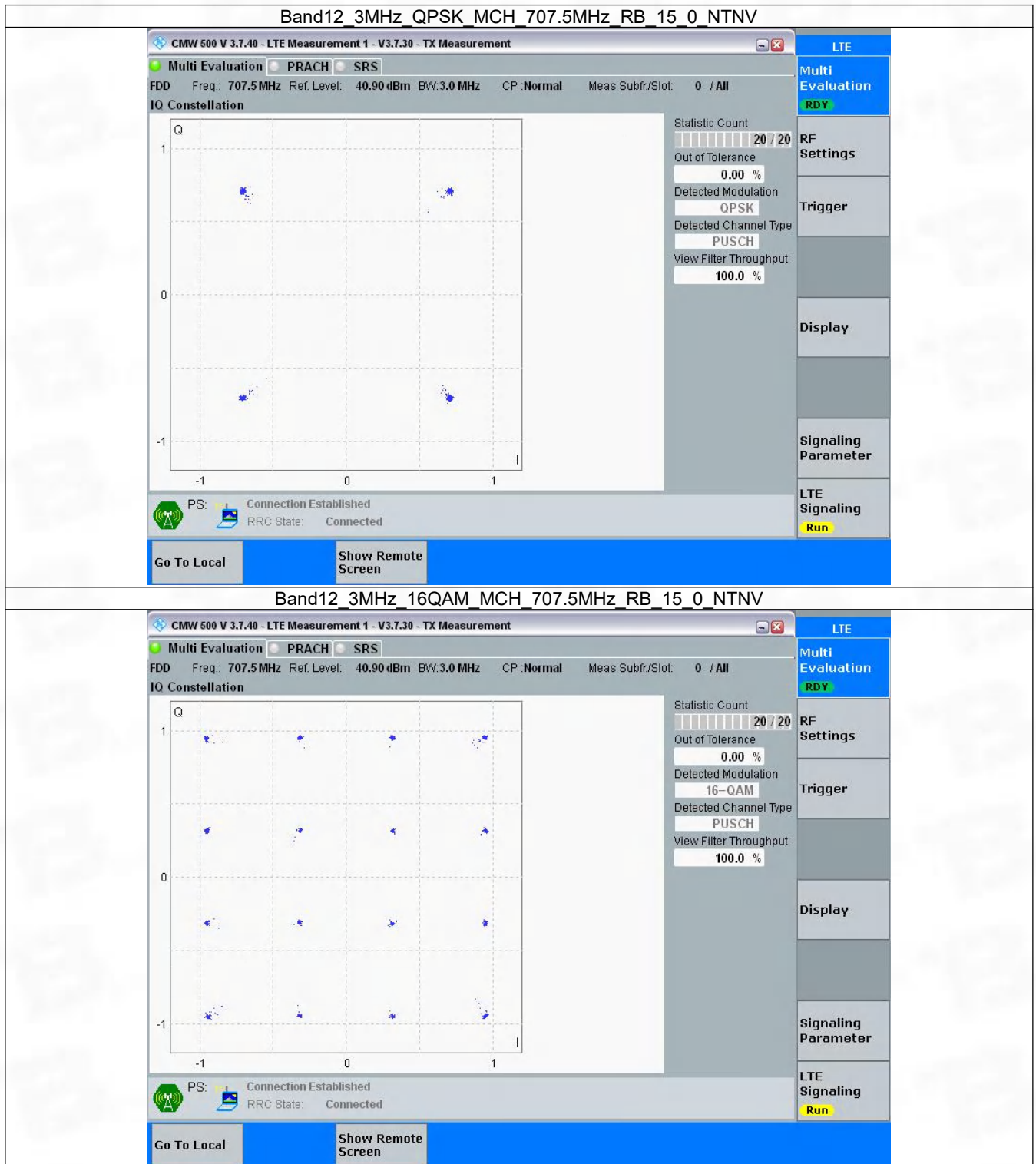
Band: 12 / Bandwidth: 10MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics	
		Size	Offset	Result	Limit
QPSK	707.5	50	0	Refer To Test Graph	
16QAM	707.5	27	0	Refer To Test Graph	
					Verdict
					Pass
					Pass

3.2 Test Graph

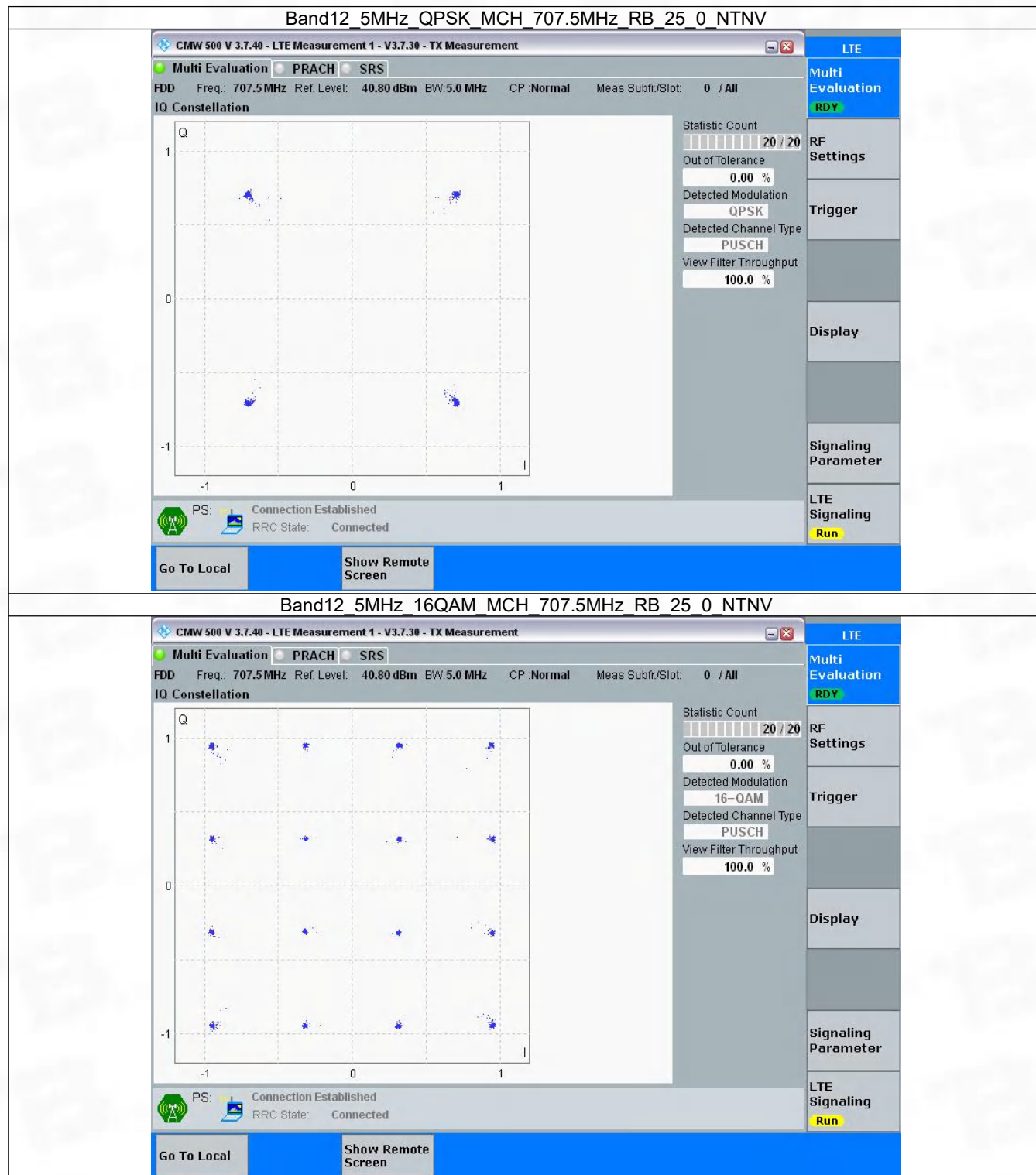
3.2.1 B12_1.4MHz



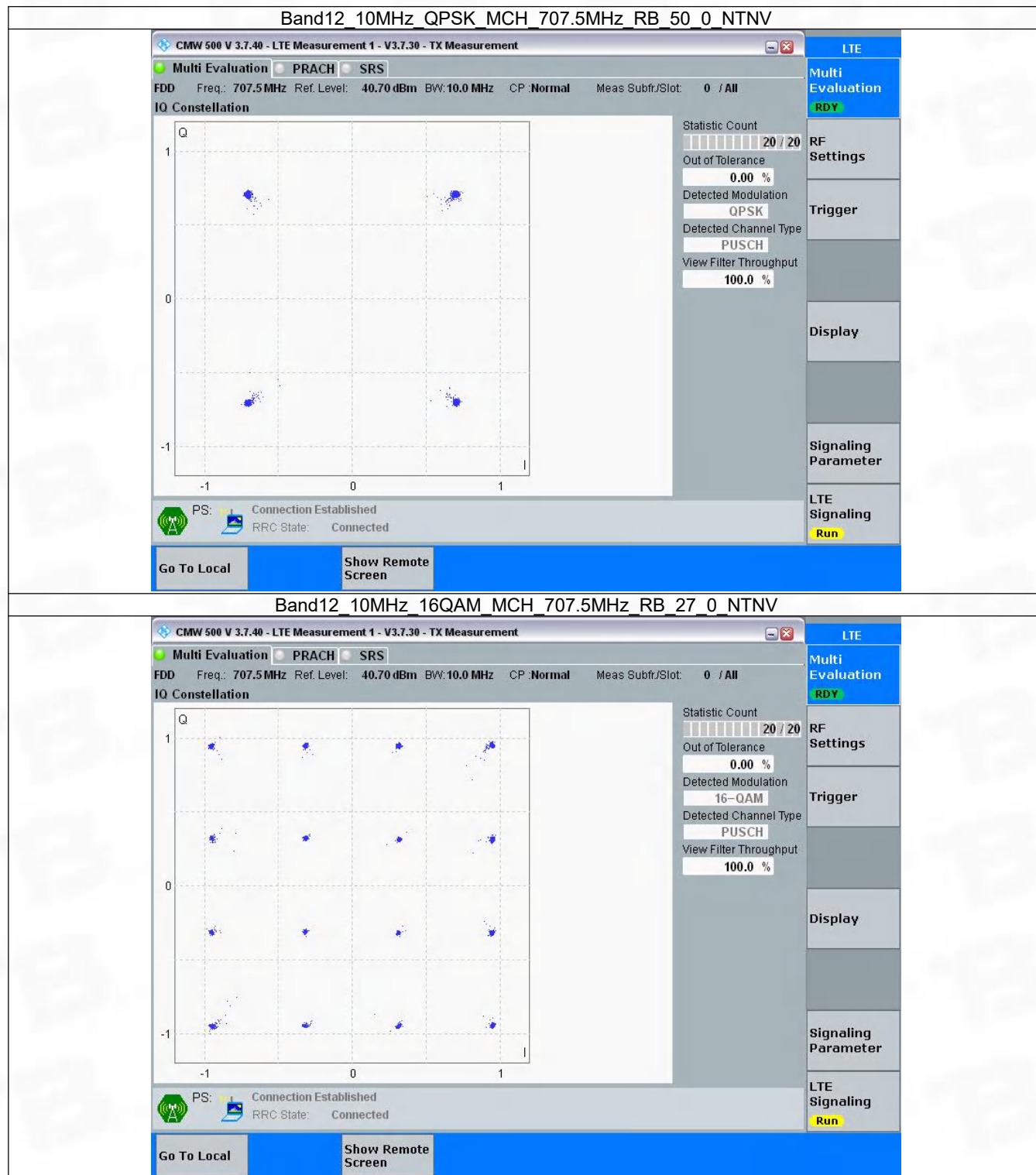
3.2.2 B12_3MHz



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	1.121	/	Pass
		715.3	6	0	1.111	/	Pass
	16QAM	699.7	6	0	1.115	/	Pass
		707.5	6	0	1.106	/	Pass
		715.3	6	0	1.110	/	Pass
3	QPSK	700.5	15	0	2.747	/	Pass
		707.5	15	0	2.741	/	Pass
		714.5	15	0	2.742	/	Pass
	16QAM	700.5	15	0	2.733	/	Pass
		707.5	15	0	2.743	/	Pass
		714.5	15	0	2.773	/	Pass
5	QPSK	701.5	25	0	4.539	/	Pass
		707.5	25	0	4.578	/	Pass
		713.5	25	0	4.544	/	Pass
	16QAM	701.5	25	0	4.553	/	Pass
		707.5	25	0	4.542	/	Pass
		713.5	25	0	4.572	/	Pass
10	QPSK	704	50	0	9.043	/	Pass
		707.5	50	0	9.068	/	Pass
		711	50	0	9.007	/	Pass
	16QAM	704	27	0	5.056	/	Pass
		707.5	27	0	5.109	/	Pass
		711	27	23	5.060	/	Pass

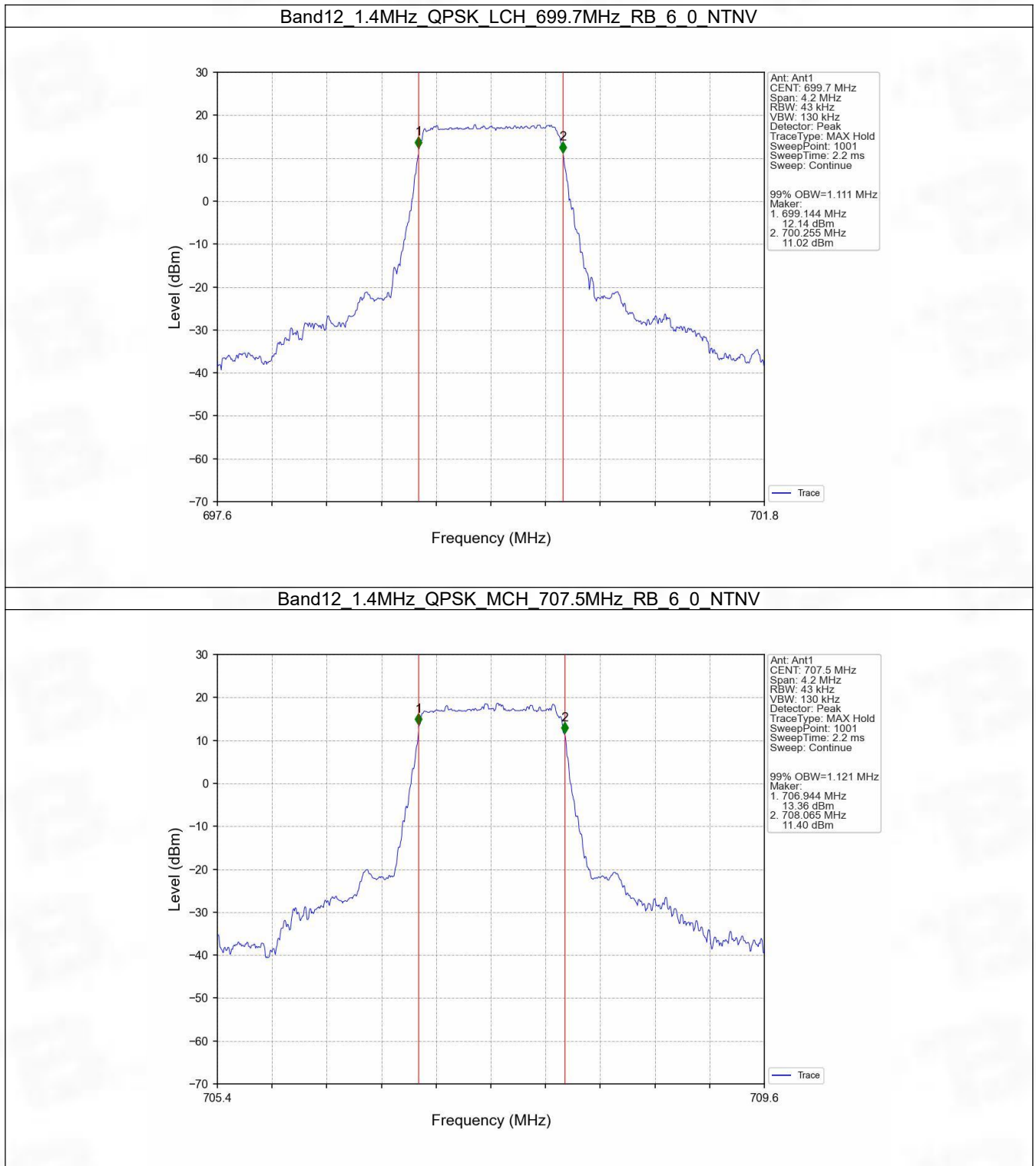
4.1.2 Band12_XDB

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	1.337	/	Pass
		707.5	6	0	1.310	/	Pass
		715.3	6	0	1.316	/	Pass
	16QAM	699.7	6	0	1.317	/	Pass
		707.5	6	0	1.327	/	Pass
		715.3	6	0	1.313	/	Pass
3	QPSK	700.5	15	0	3.048	/	Pass
		707.5	15	0	3.039	/	Pass
		714.5	15	0	3.045	/	Pass
	16QAM	700.5	15	0	3.069	/	Pass
		707.5	15	0	3.070	/	Pass
		714.5	15	0	3.075	/	Pass
5	QPSK	701.5	25	0	5.063	/	Pass
		707.5	25	0	5.072	/	Pass
		713.5	25	0	5.082	/	Pass
	16QAM	701.5	25	0	5.094	/	Pass
		707.5	25	0	5.080	/	Pass
		713.5	25	0	5.078	/	Pass

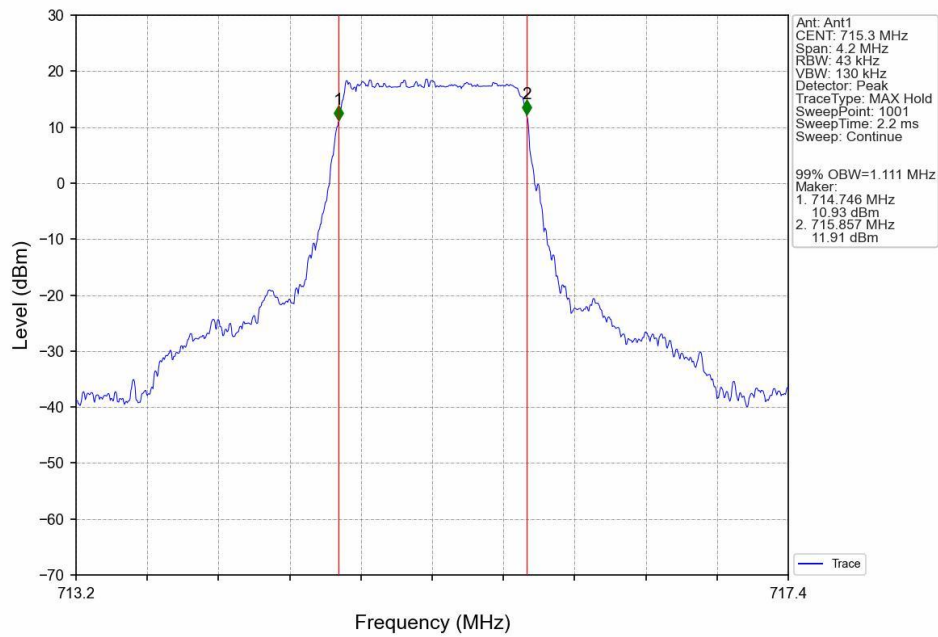
10	QPSK	704	50	0	10.037	/	Pass
		707.5	50	0	10.110	/	Pass
		711	50	0	10.160	/	Pass
	16QAM	704	27	0	5.921	/	Pass
		707.5	27	0	6.054	/	Pass
		711	27	23	6.003	/	Pass

4.2 Test Graph

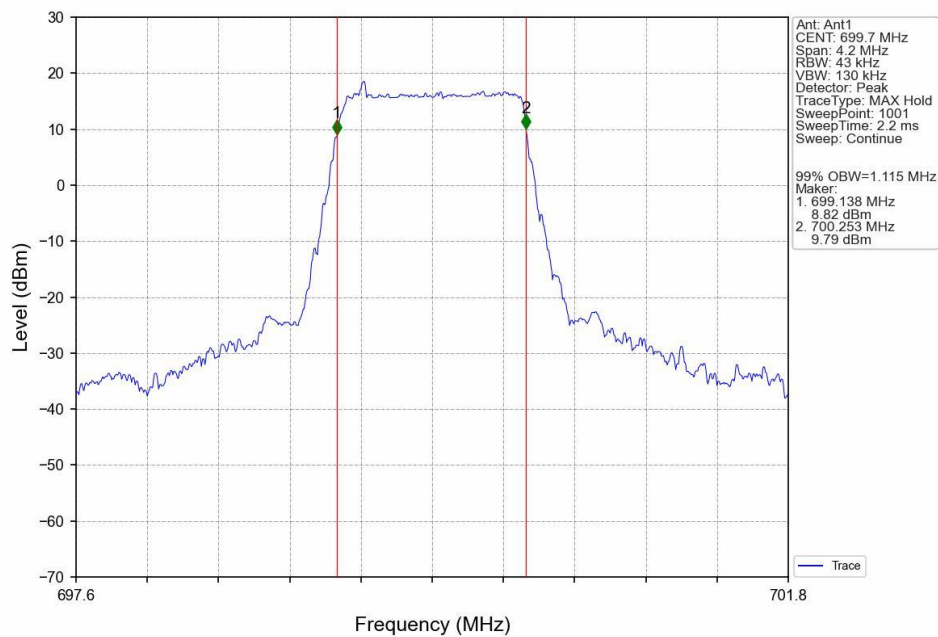
4.2.1 Band12_OBW



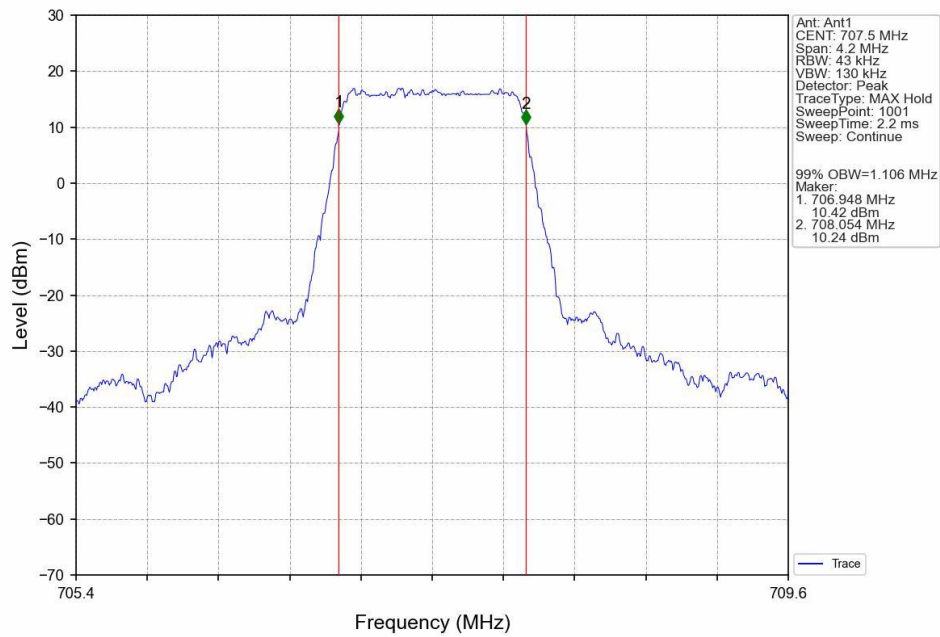
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



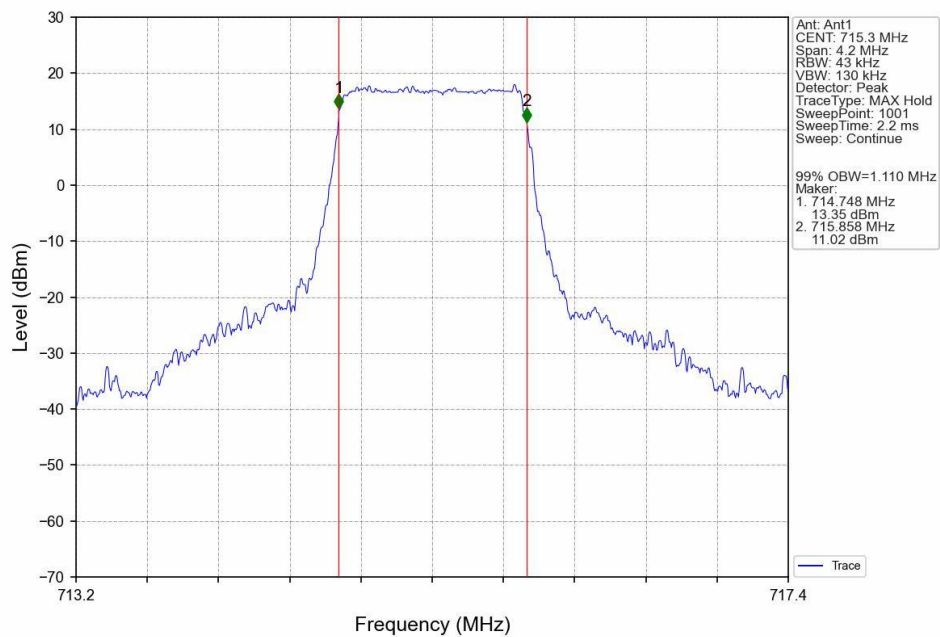
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



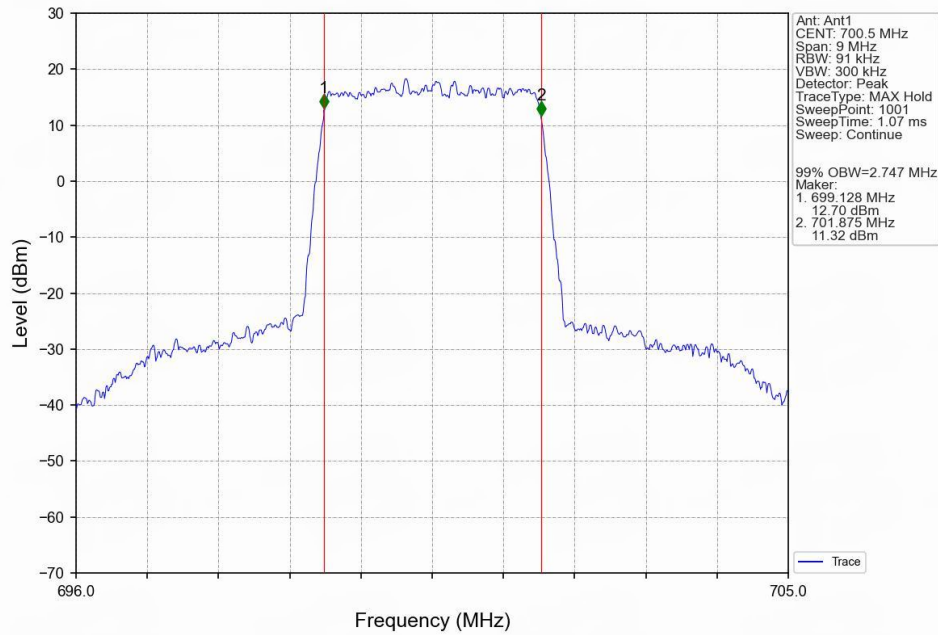
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



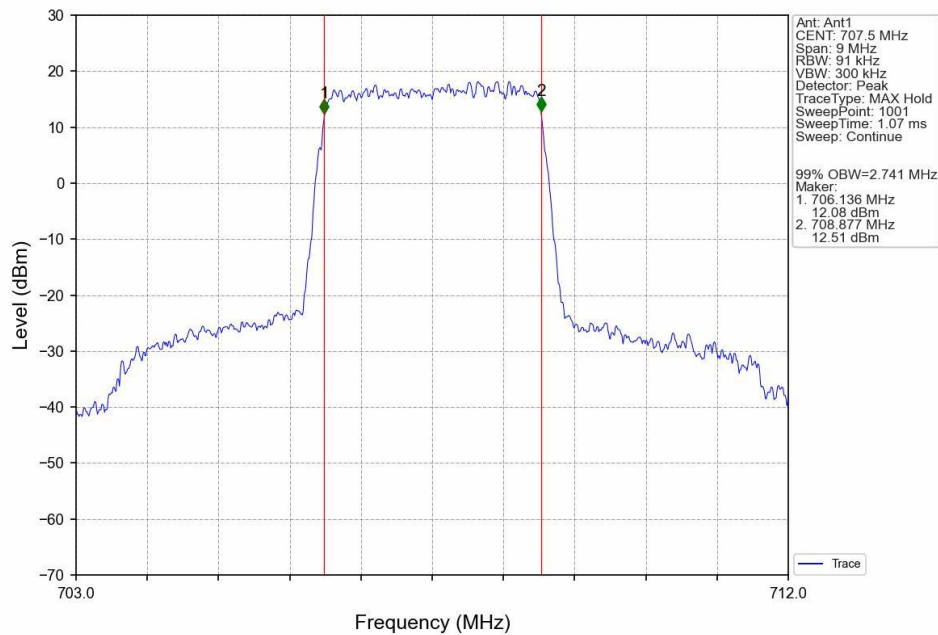
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



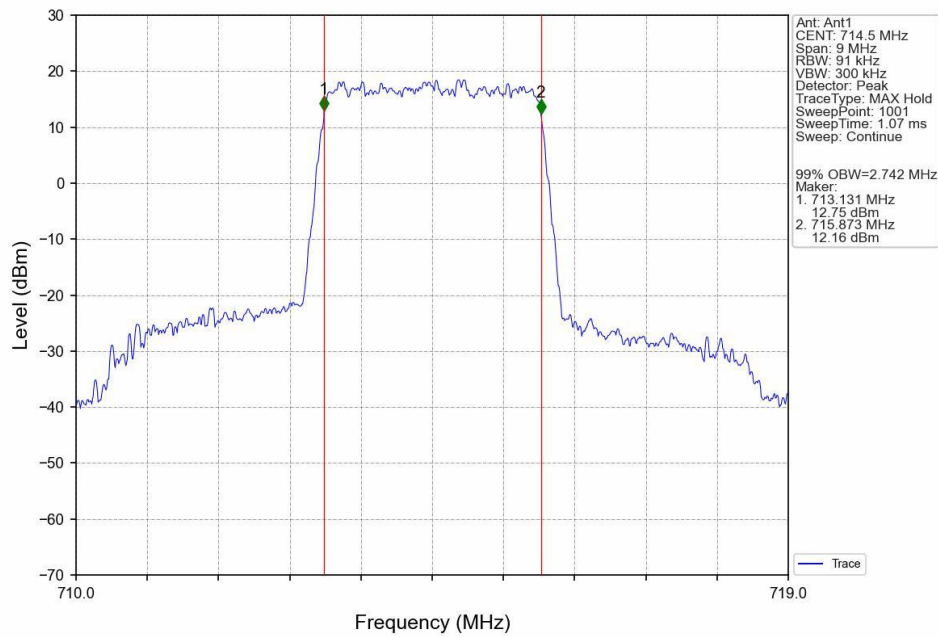
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



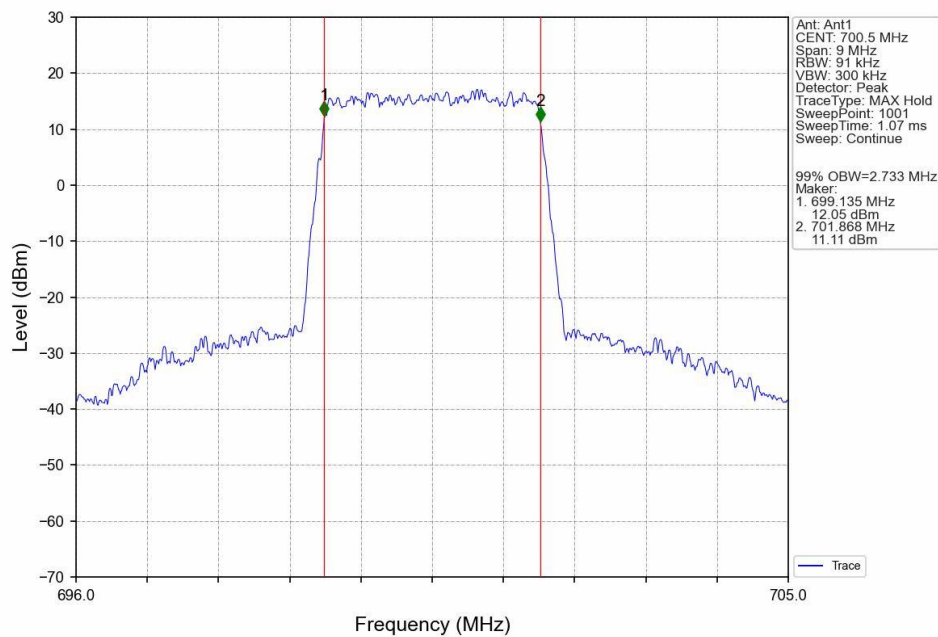
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



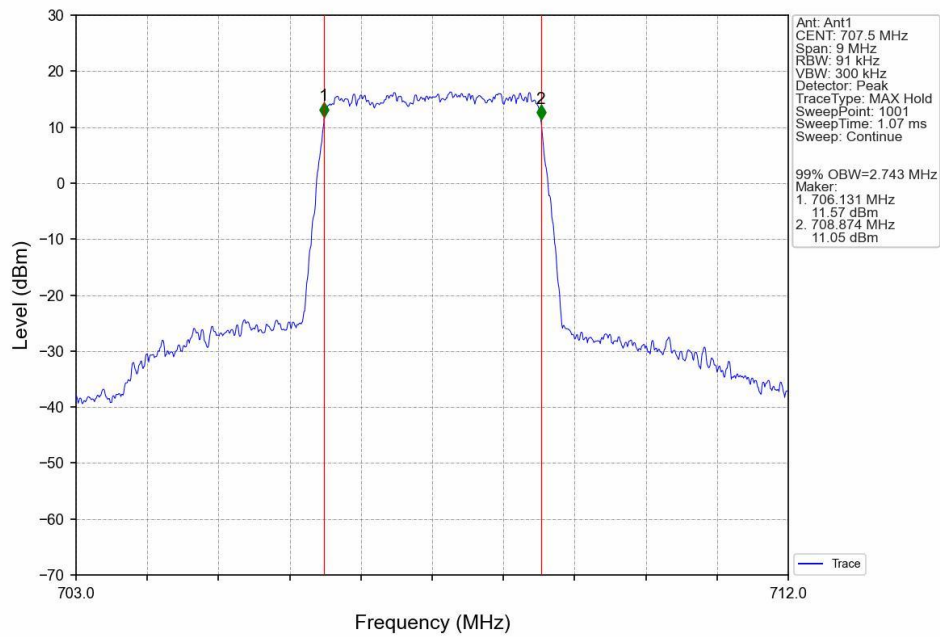
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



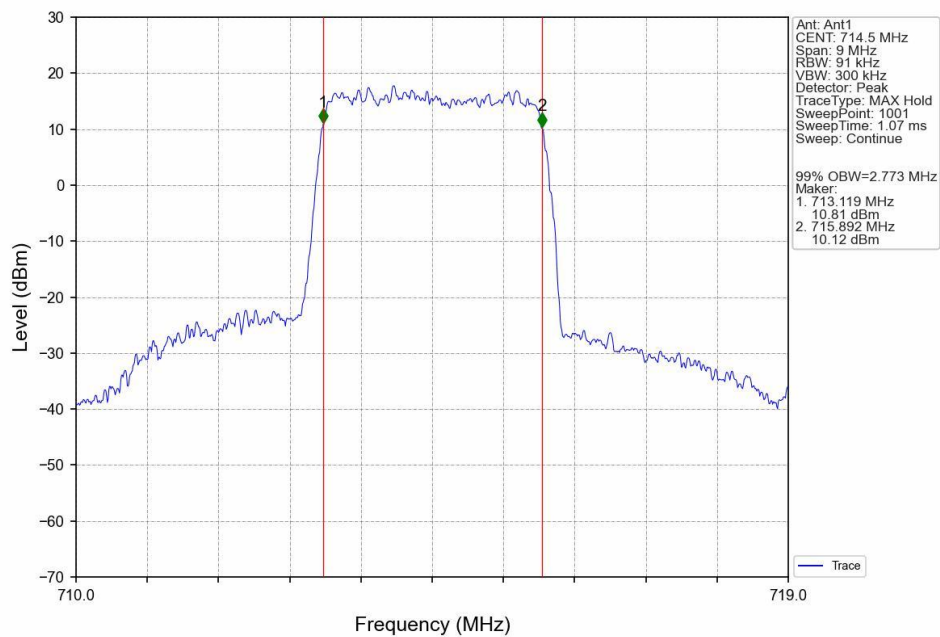
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



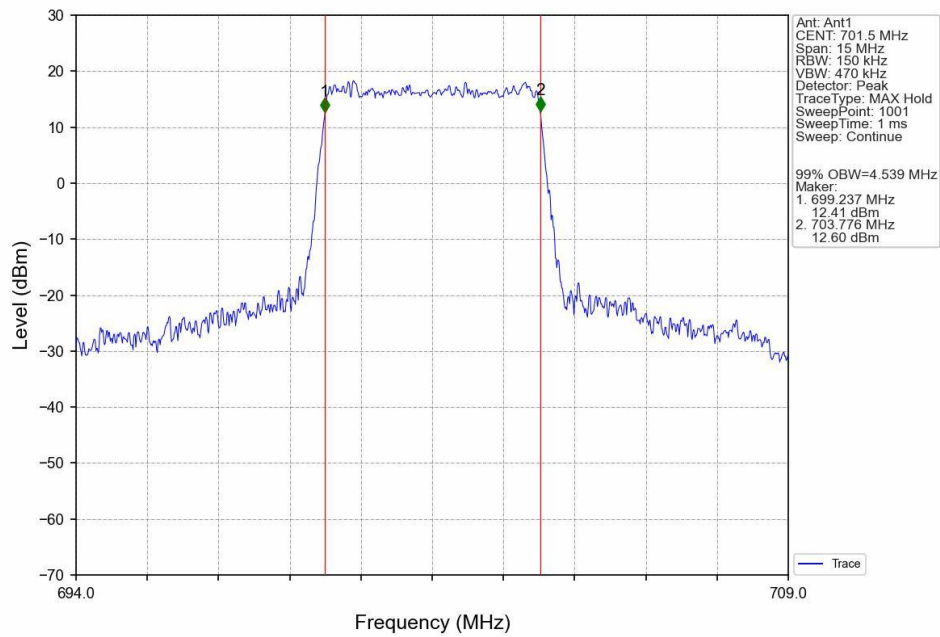
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



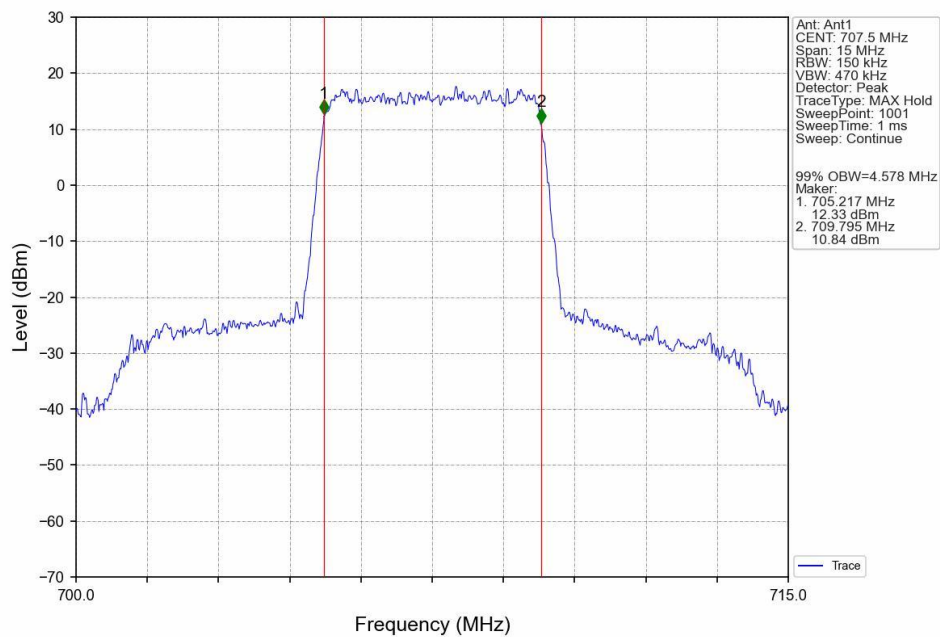
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



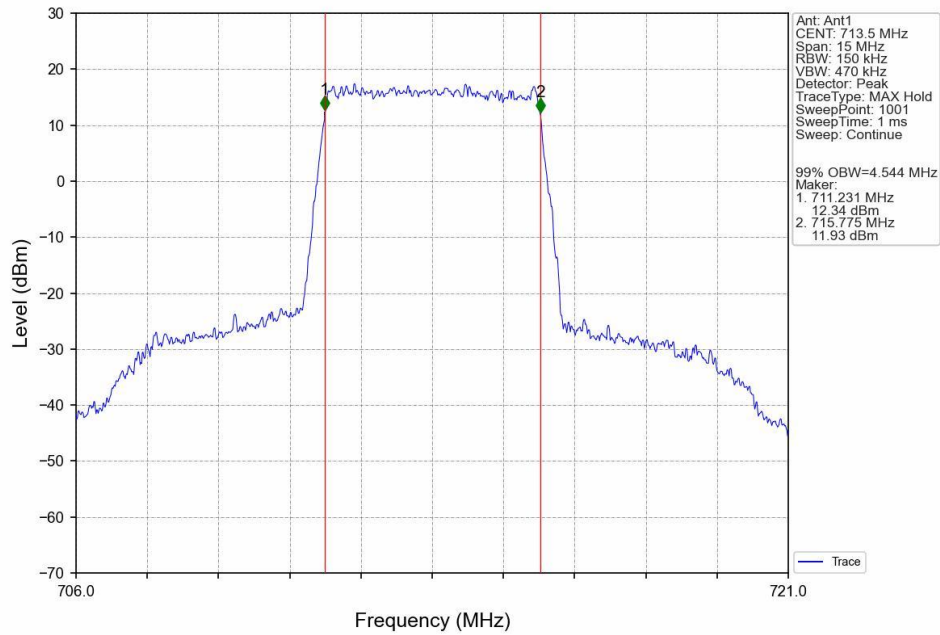
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



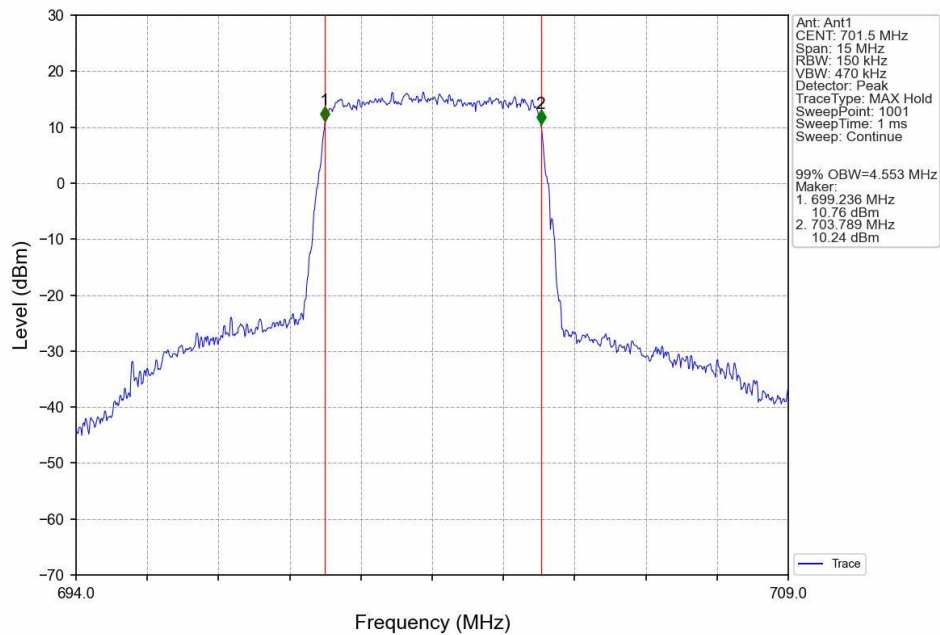
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



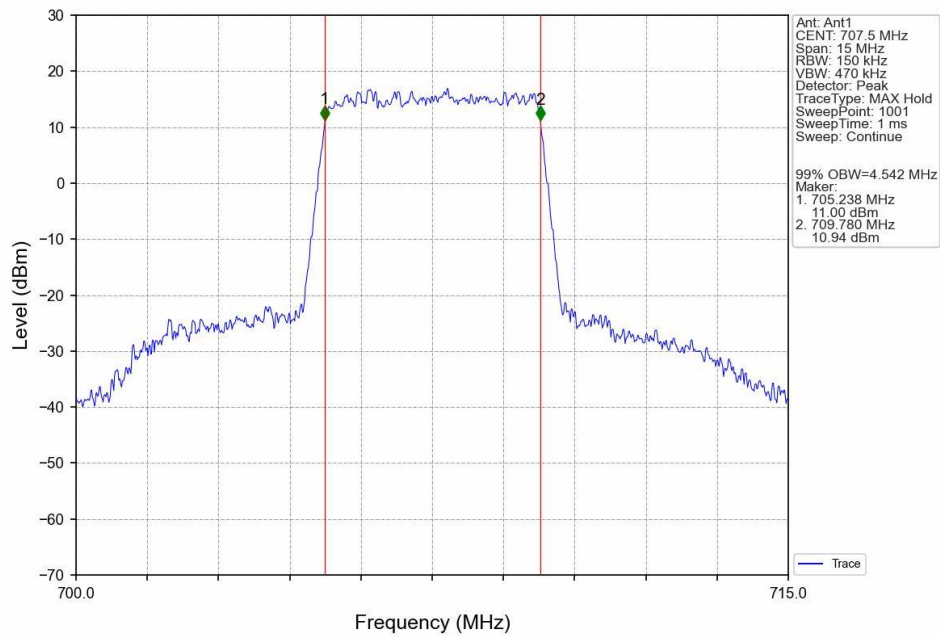
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



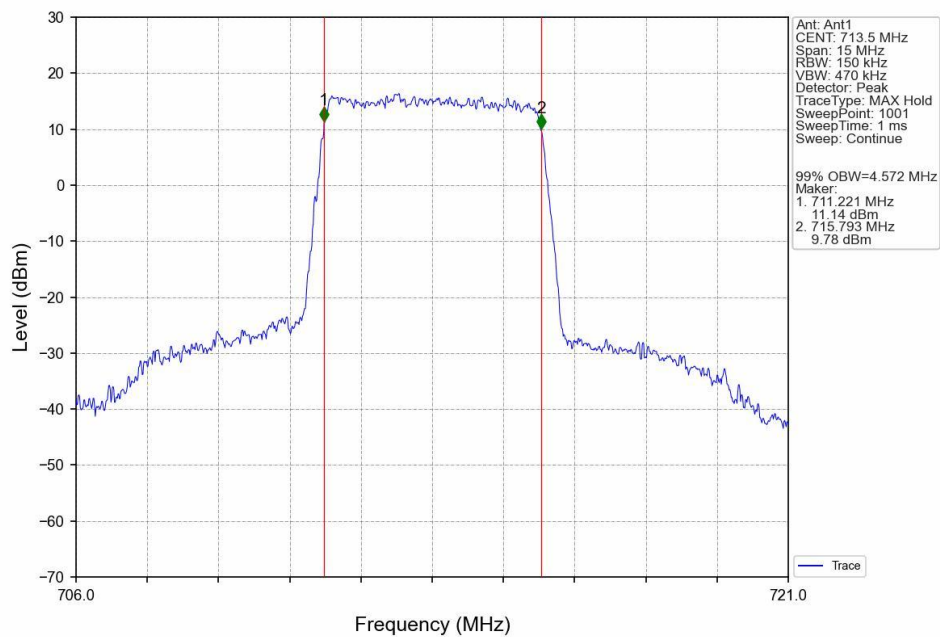
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



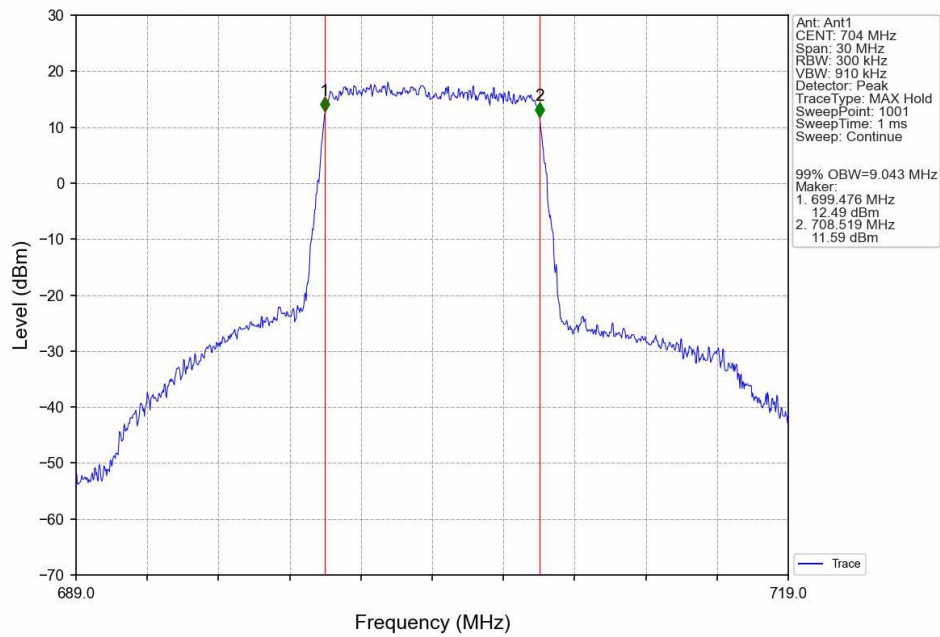
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



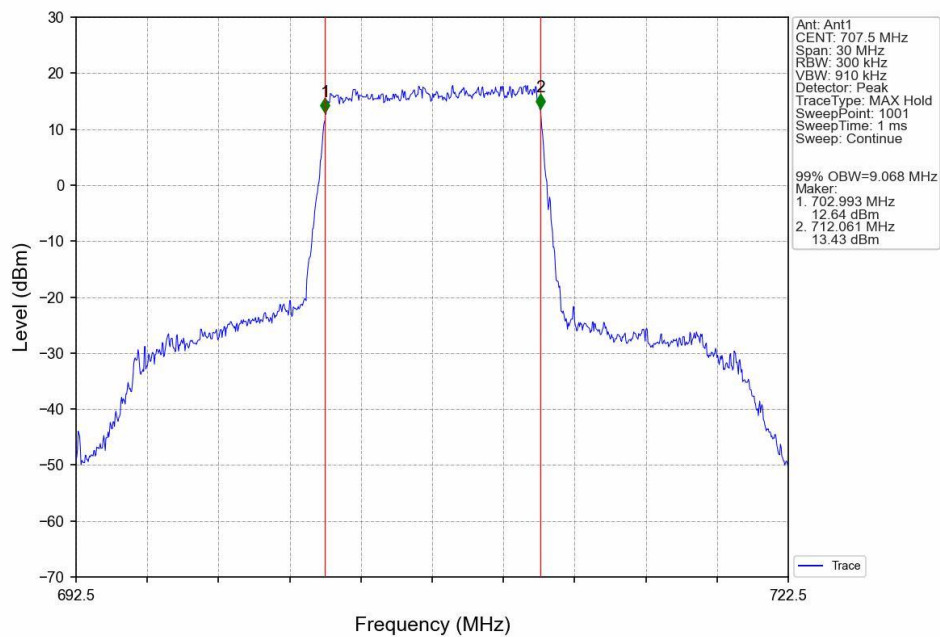
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



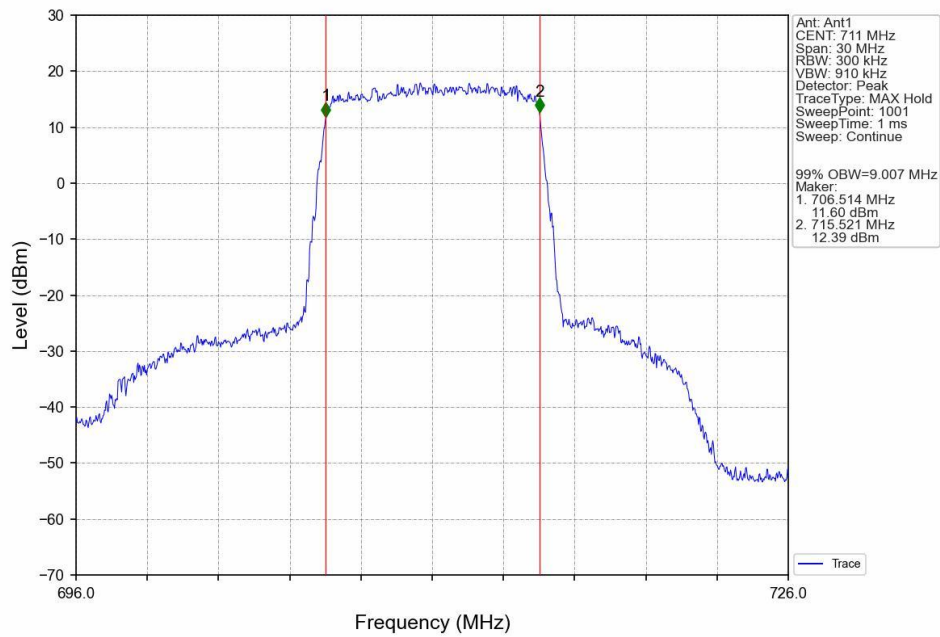
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



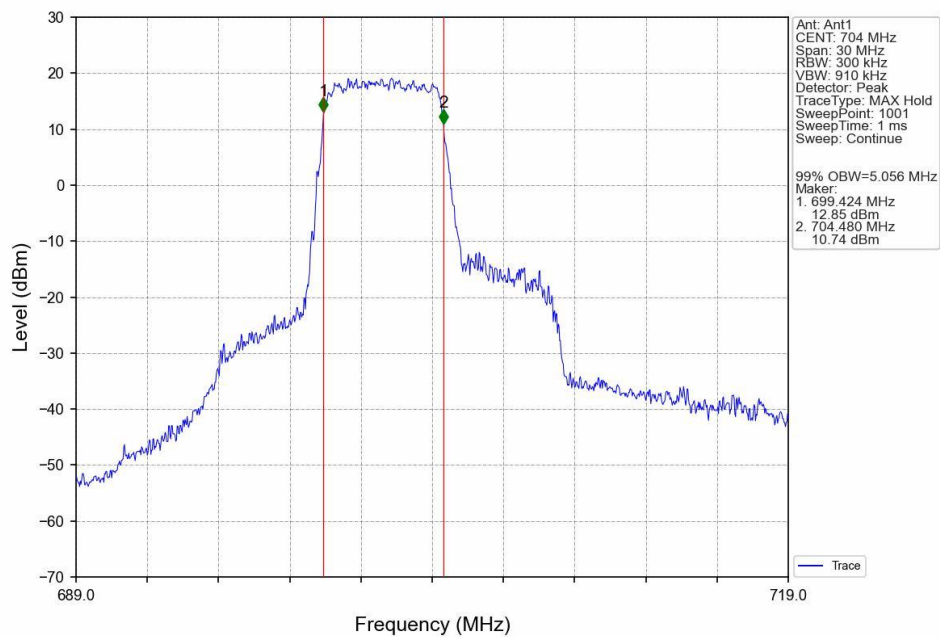
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



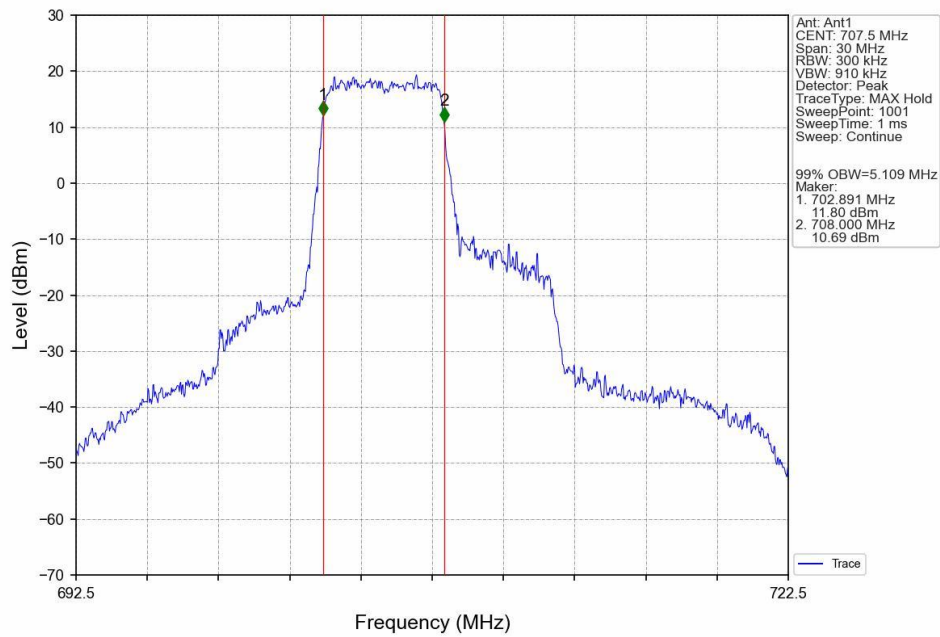
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



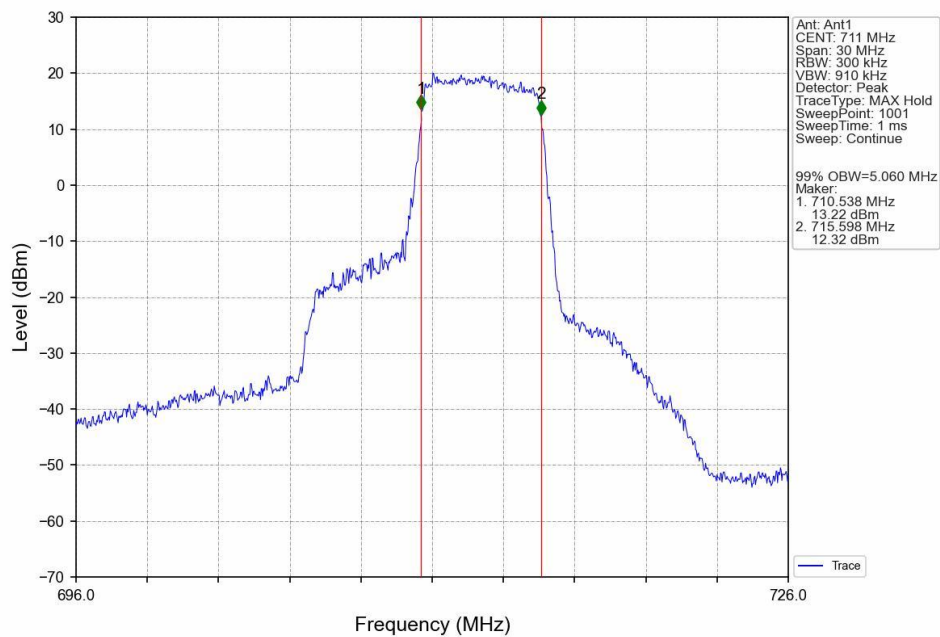
Band12_10MHz_16QAM_LCH_704MHz_RB_27_0_NTNV



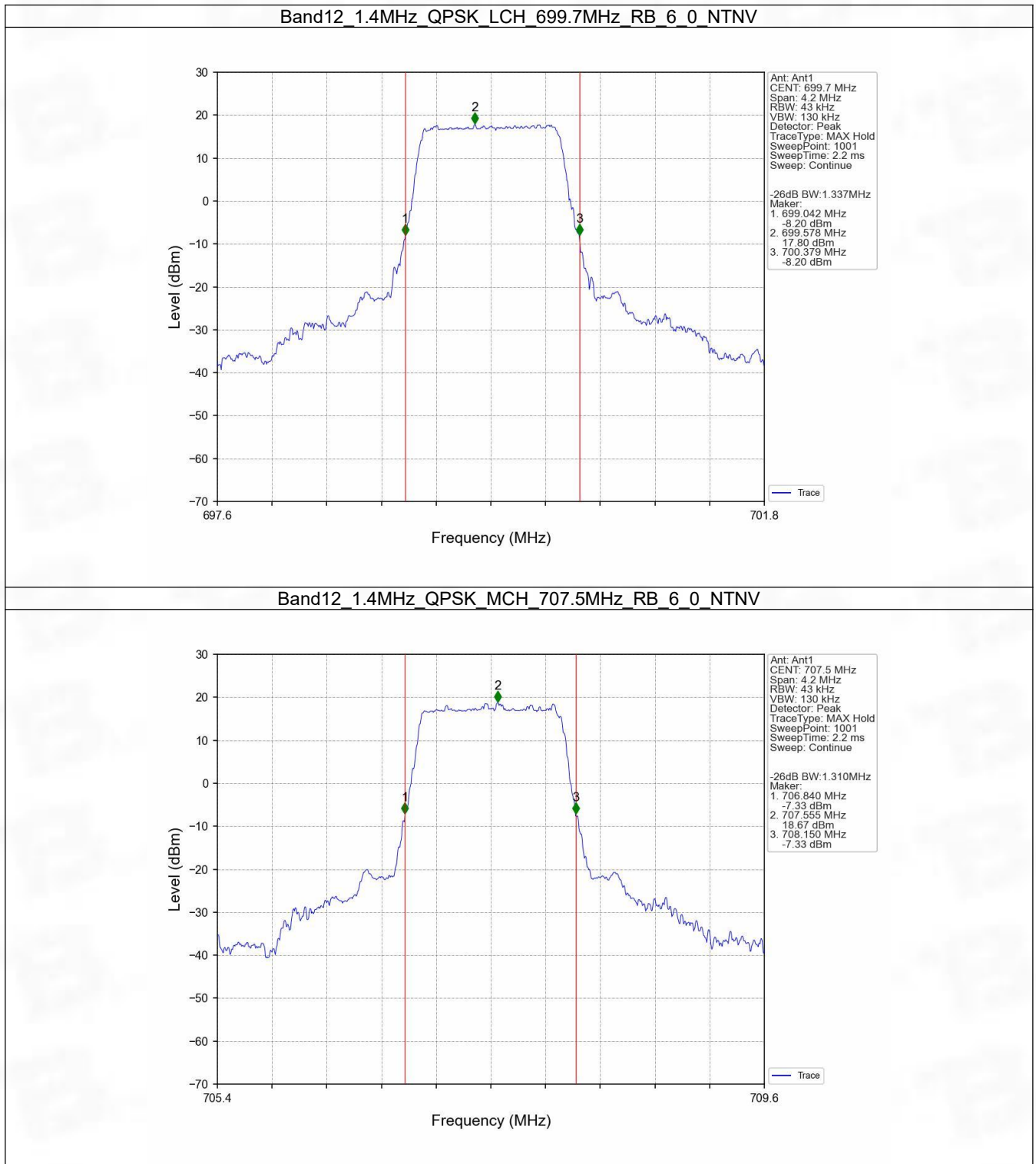
Band12_10MHz_16QAM_MCH_707.5MHz_RB_27_0_NTNV



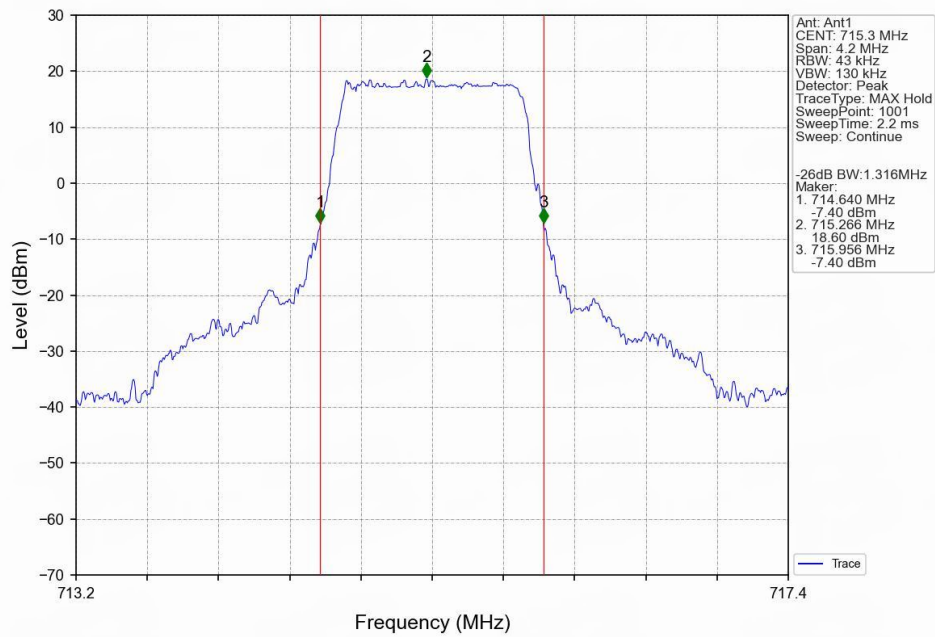
Band12_10MHz_16QAM_HCH_711MHz_RB_27_23_NTNV



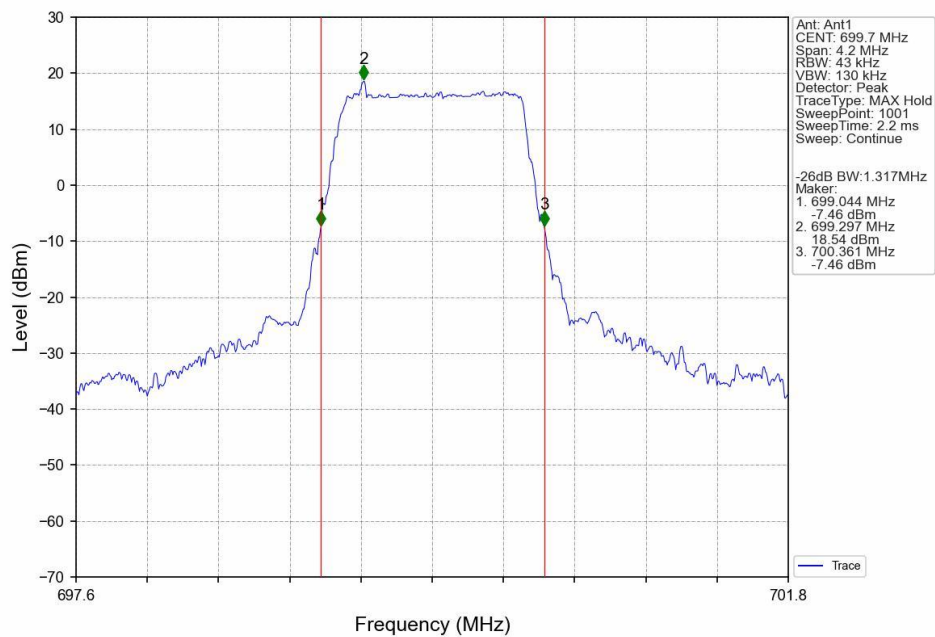
4.2.2 Band12_XDB



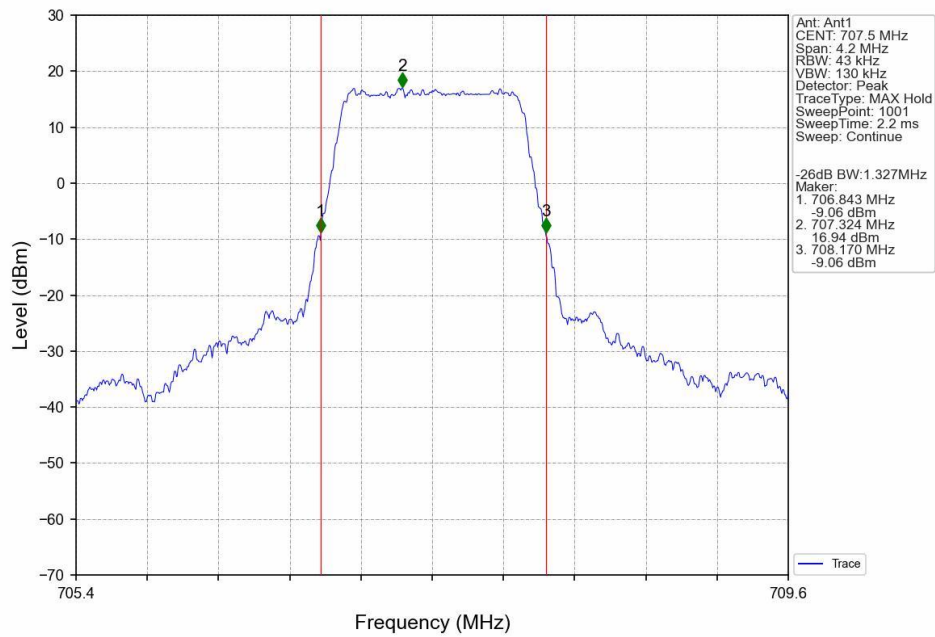
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



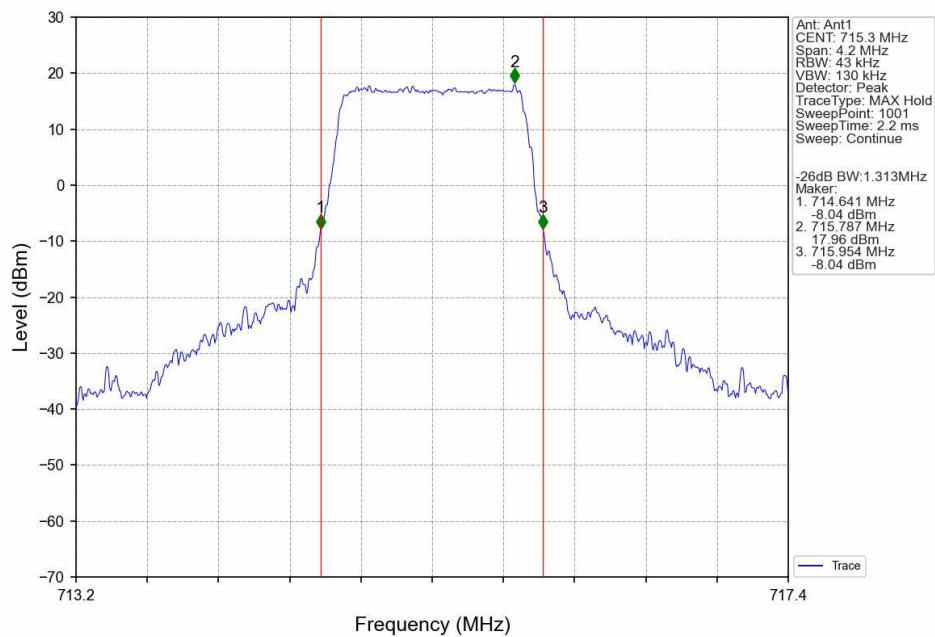
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



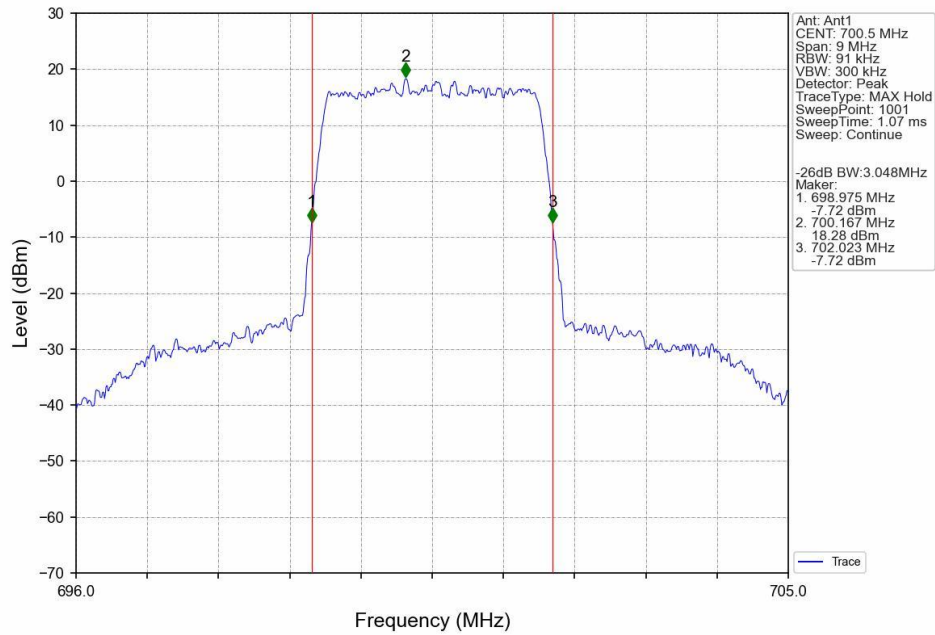
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



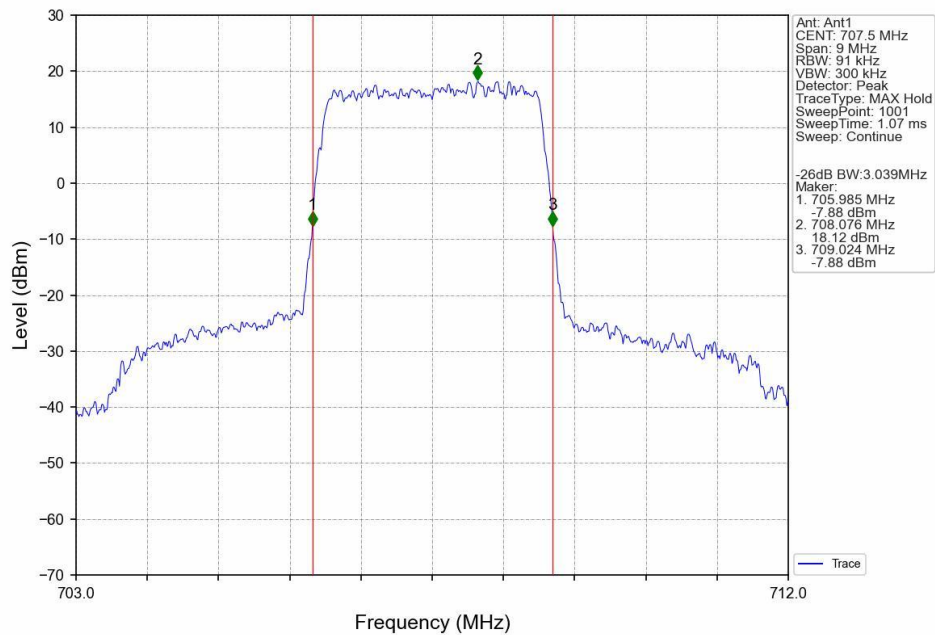
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



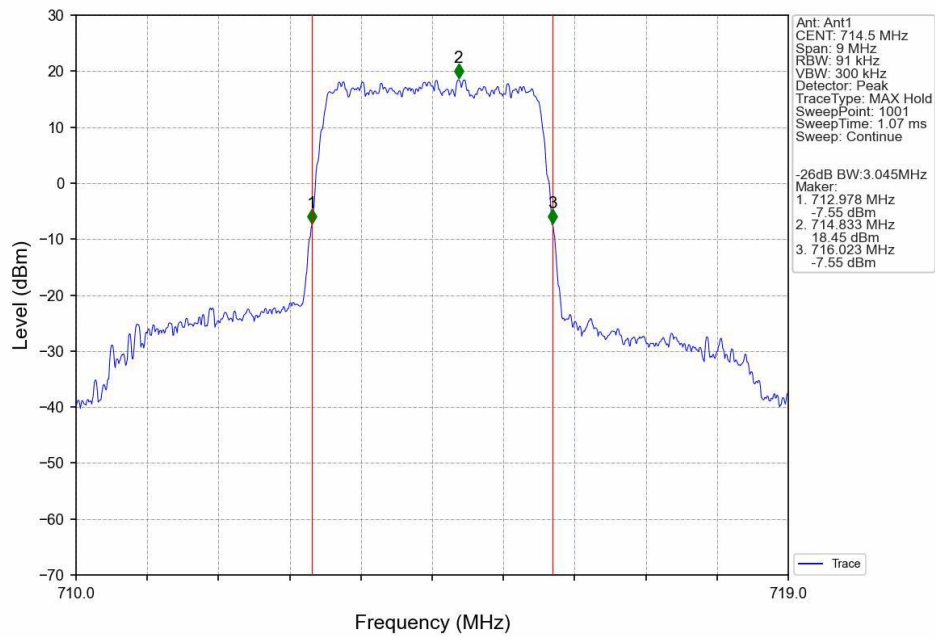
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



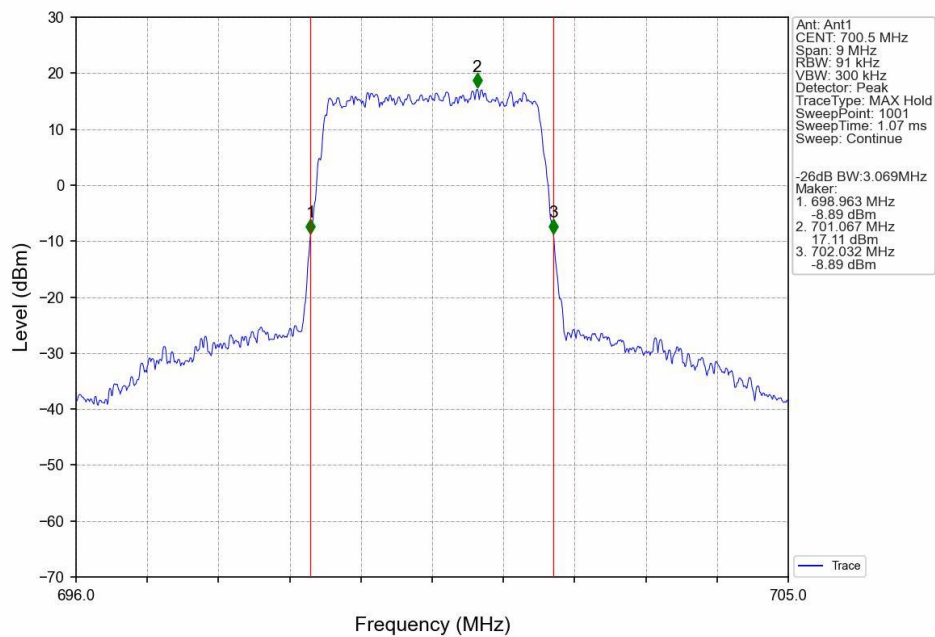
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



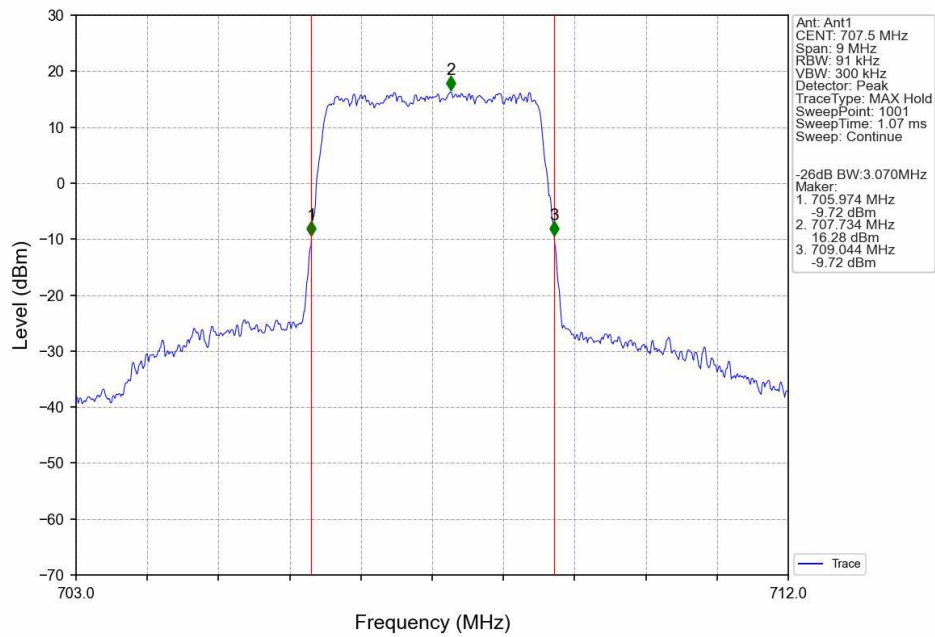
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



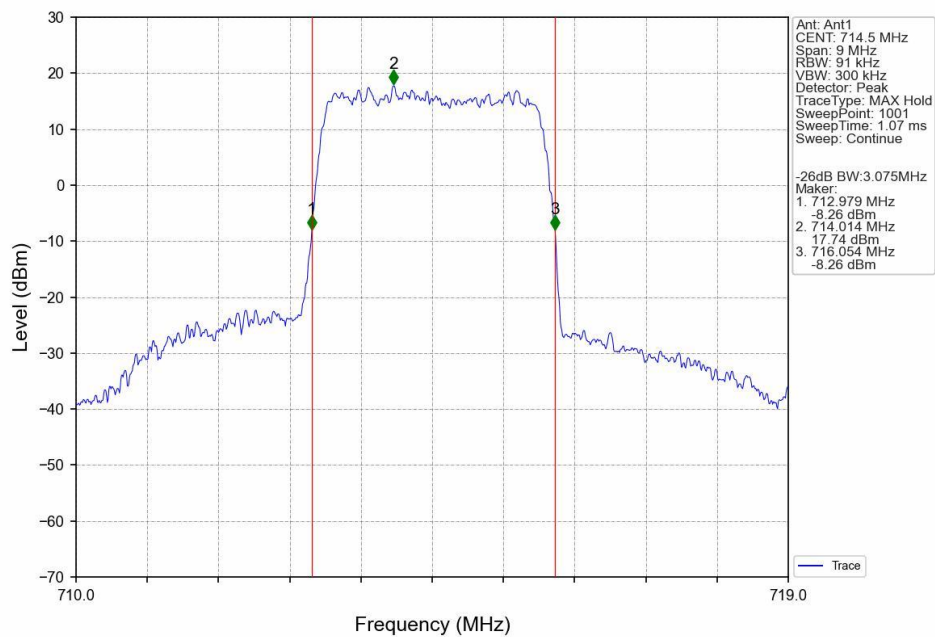
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



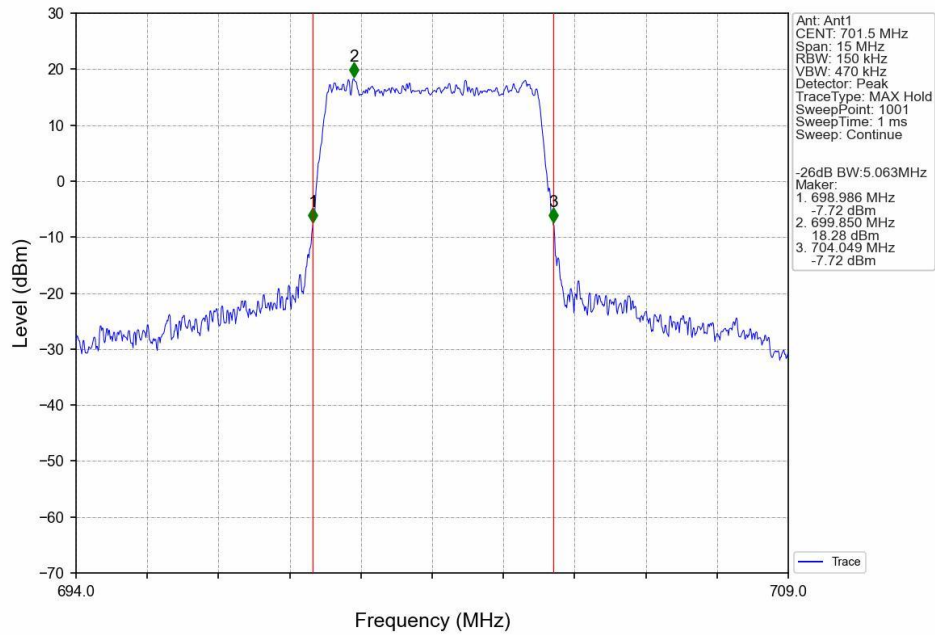
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



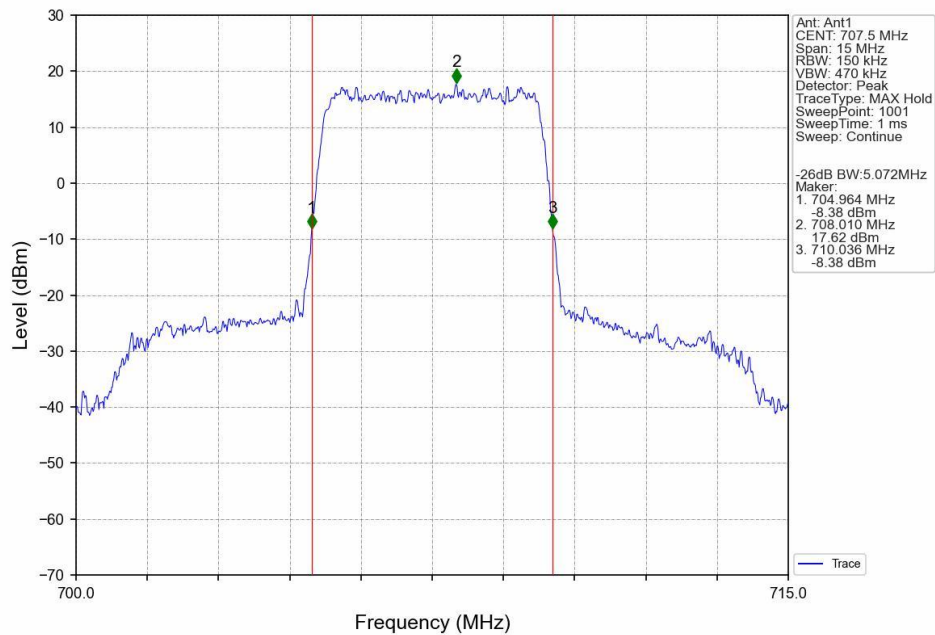
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



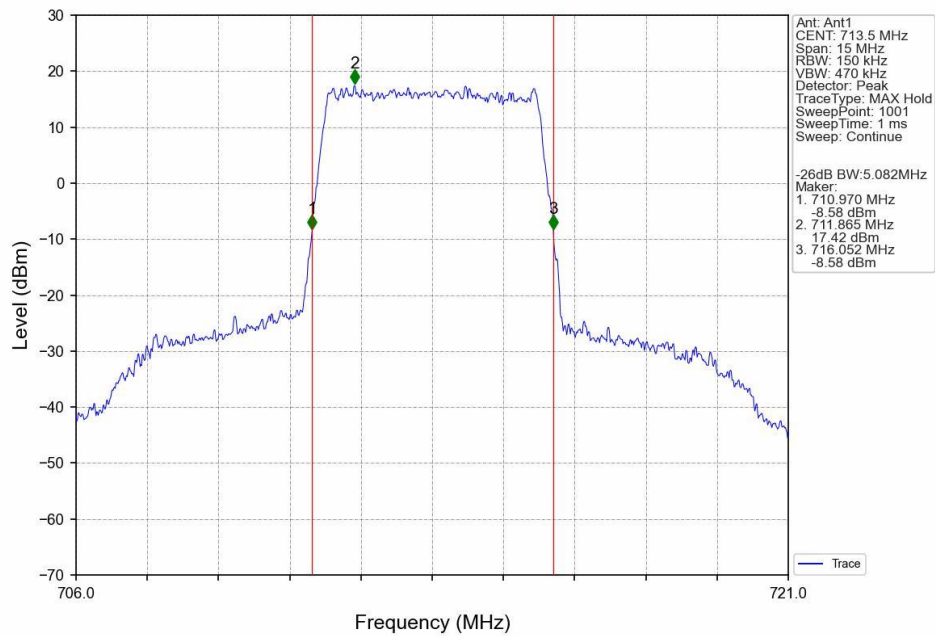
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



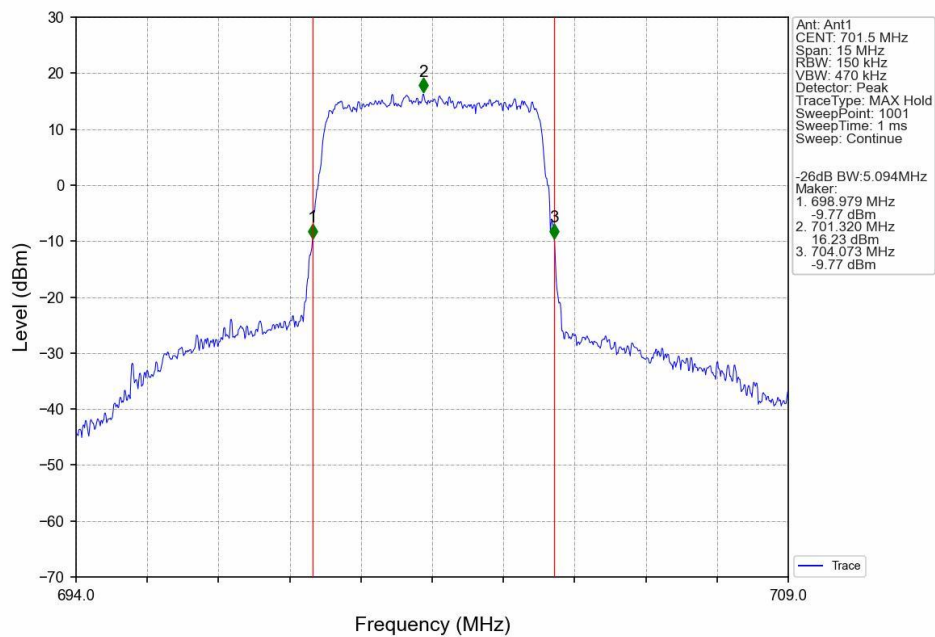
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



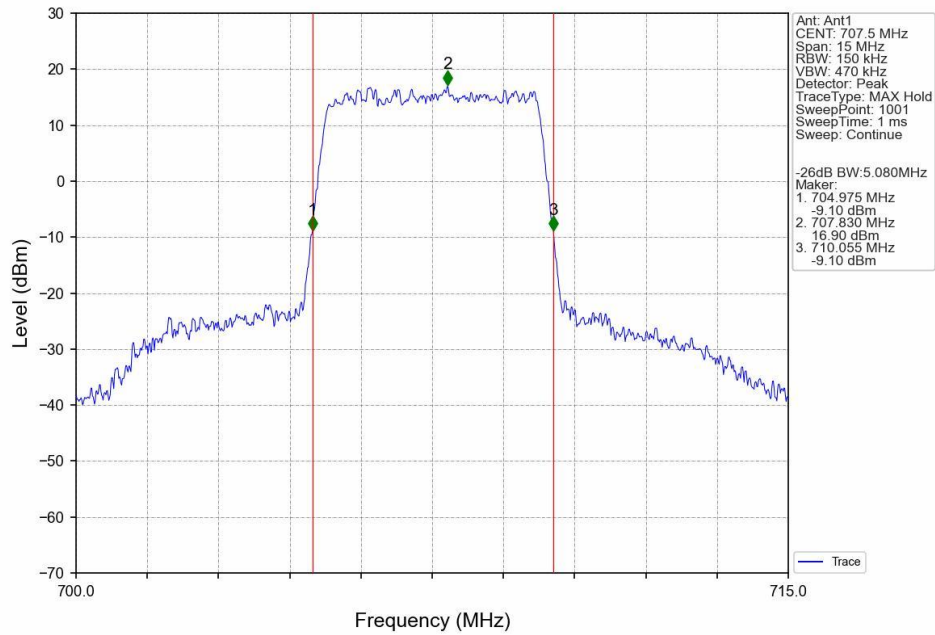
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



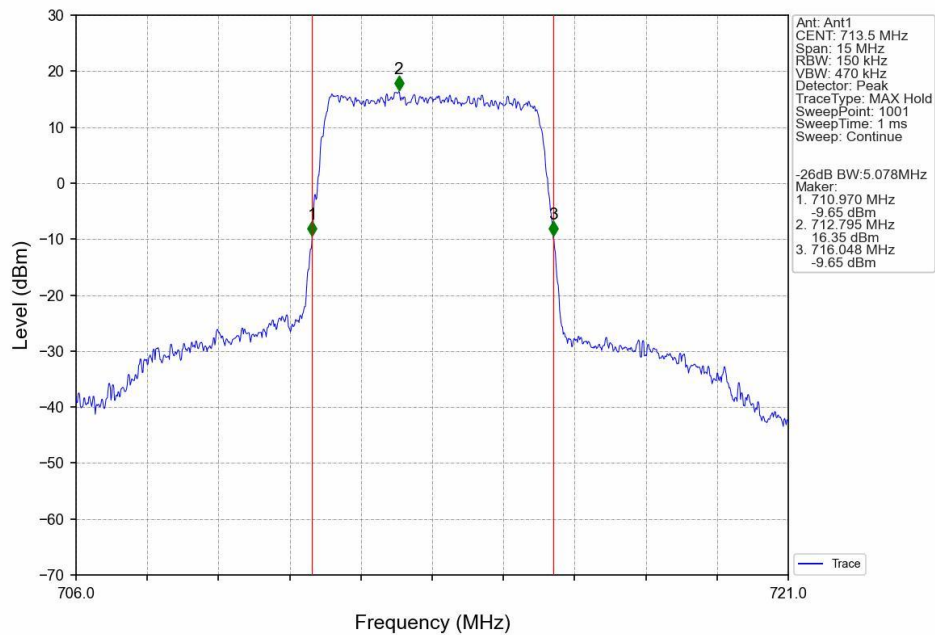
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



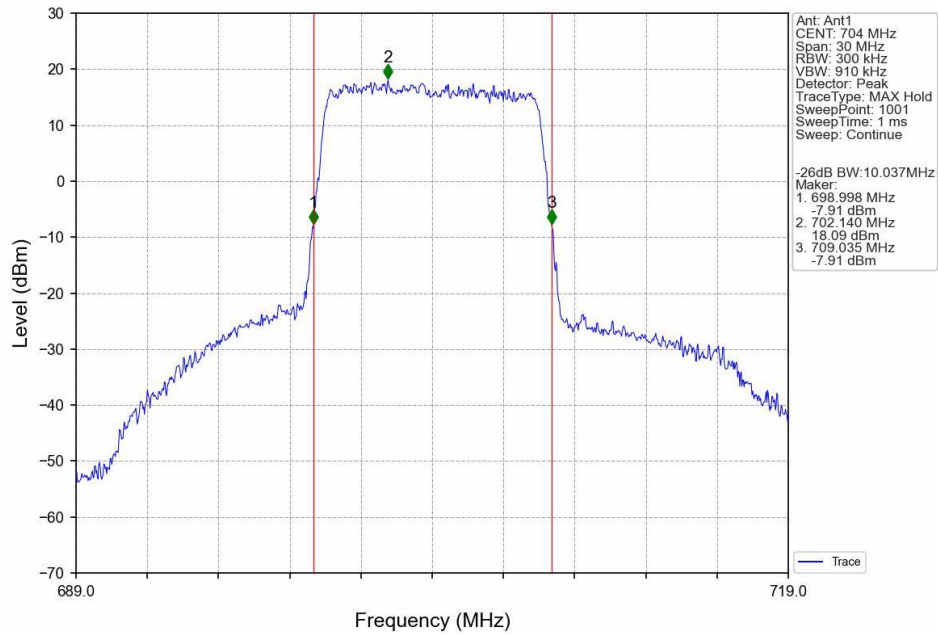
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



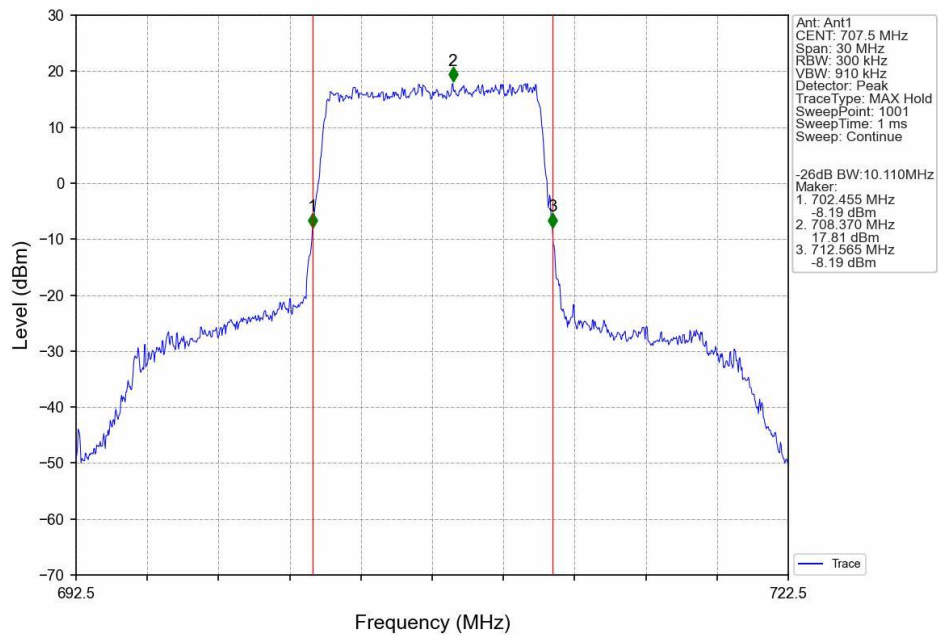
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



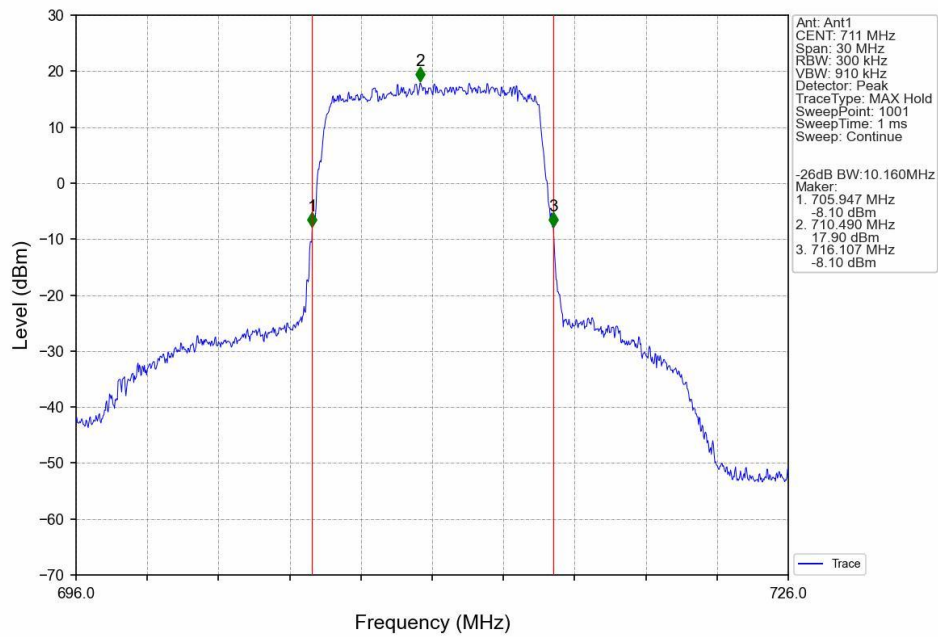
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



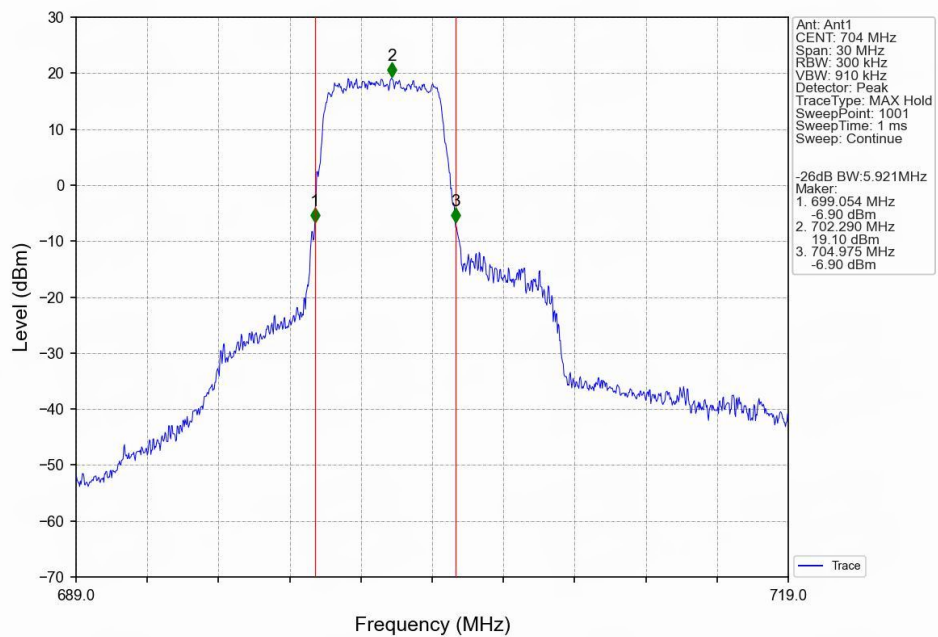
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



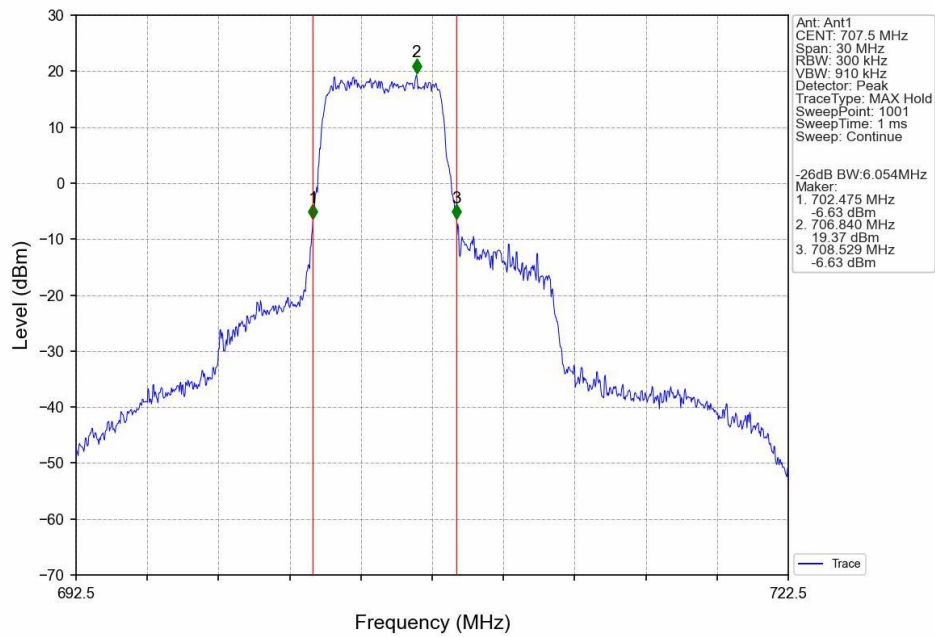
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



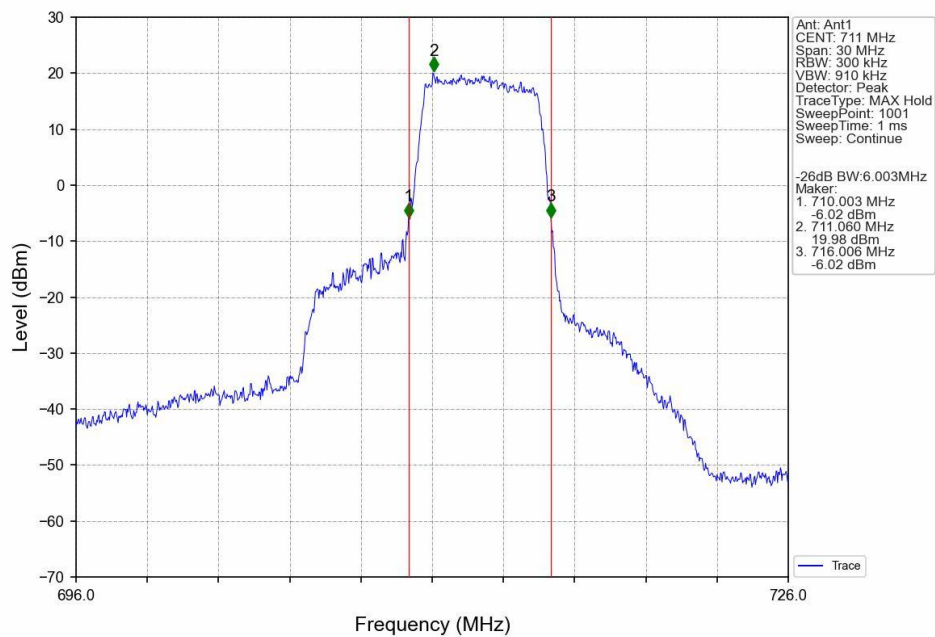
Band12_10MHz_16QAM_LCH_704MHz_RB_27_0_NTNV



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	5.00	<=13	Pass
	707.5	6	0	5.08	<=13	Pass
	715.3	6	0	4.96	<=13	Pass
16QAM	699.7	6	0	5.80	<=13	Pass
	707.5	6	0	5.88	<=13	Pass
	715.3	6	0	5.83	<=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	5.02	<=13	Pass
	707.5	15	0	5.07	<=13	Pass
	714.5	15	0	5.07	<=13	Pass
16QAM	700.5	15	0	5.88	<=13	Pass
	707.5	15	0	5.91	<=13	Pass
	714.5	15	0	5.90	<=13	Pass

5.1.3 B12_5MHz

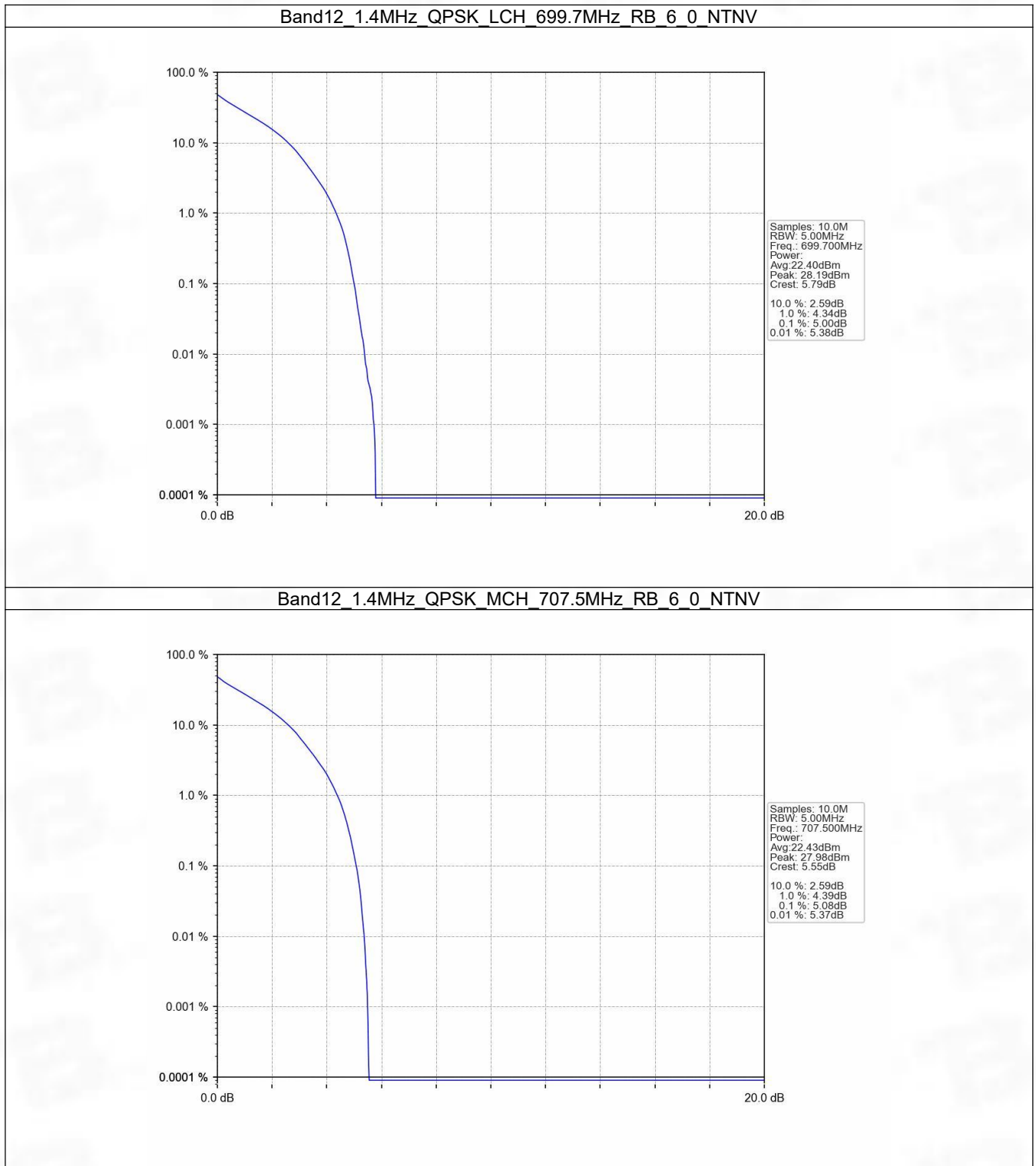
Band: 12 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	701.5	25	0	5.03	<=13	Pass
	707.5	25	0	5.15	<=13	Pass
	713.5	25	0	5.08	<=13	Pass
16QAM	701.5	25	0	5.86	<=13	Pass
	707.5	25	0	5.91	<=13	Pass
	713.5	25	0	5.86	<=13	Pass

5.1.4 B12_10MHz

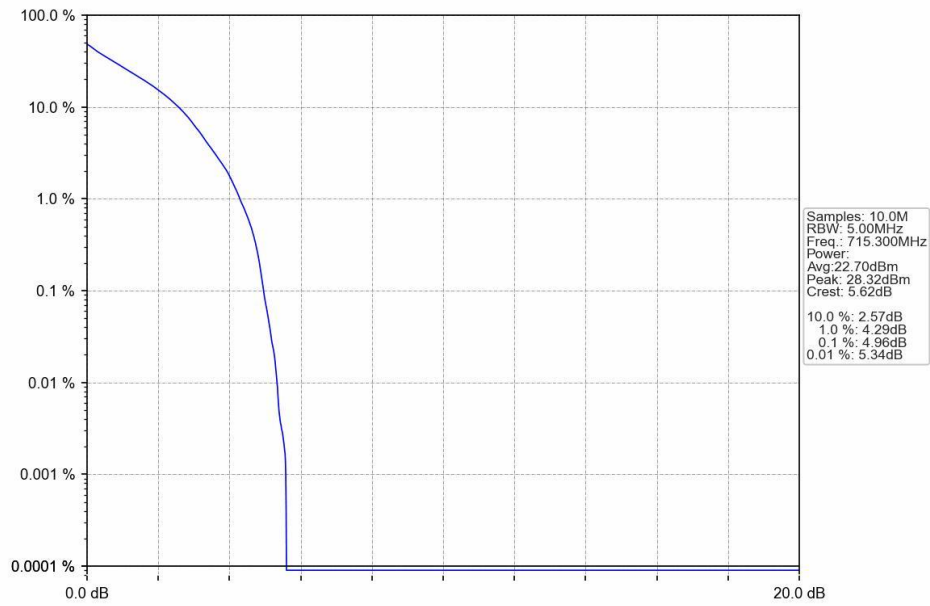
Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	704	50	0	5.11	<=13	Pass
	707.5	50	0	5.21	<=13	Pass
	711	50	0	4.95	<=13	Pass
16QAM	704	27	0	5.66	<=13	Pass
	707.5	27	0	5.68	<=13	Pass
	711	27	23	5.64	<=13	Pass

5.2 Test Graph

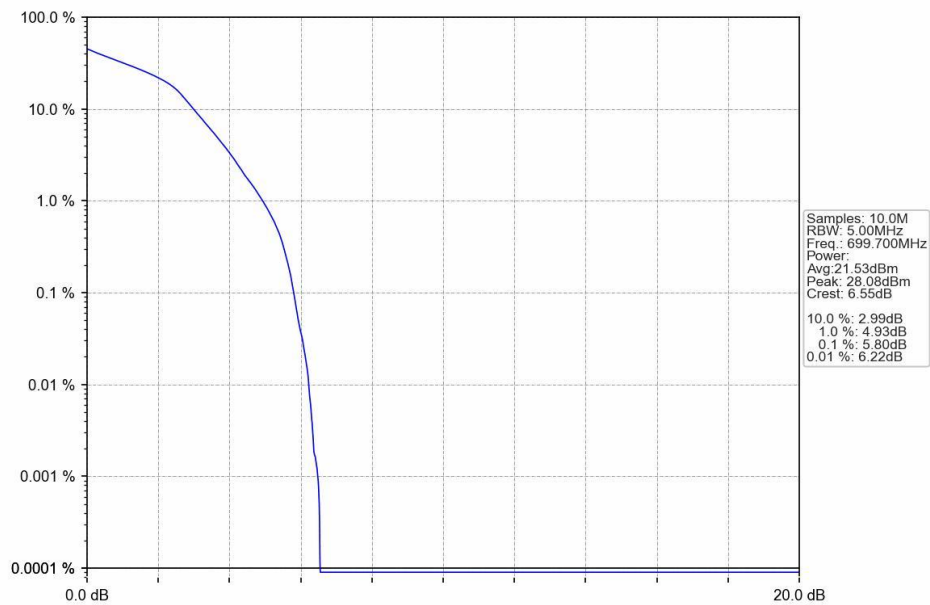
5.2.1 B12_1.4MHz



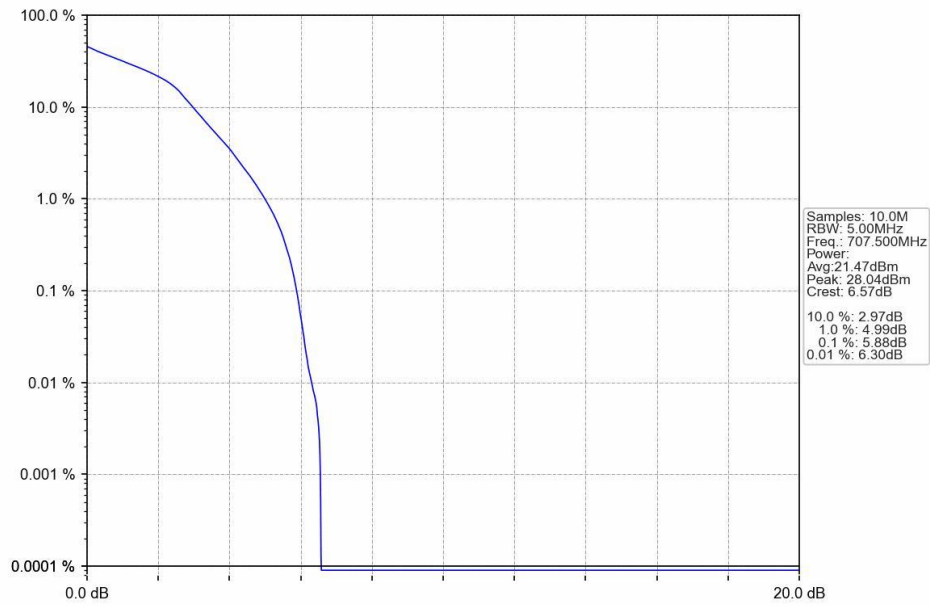
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



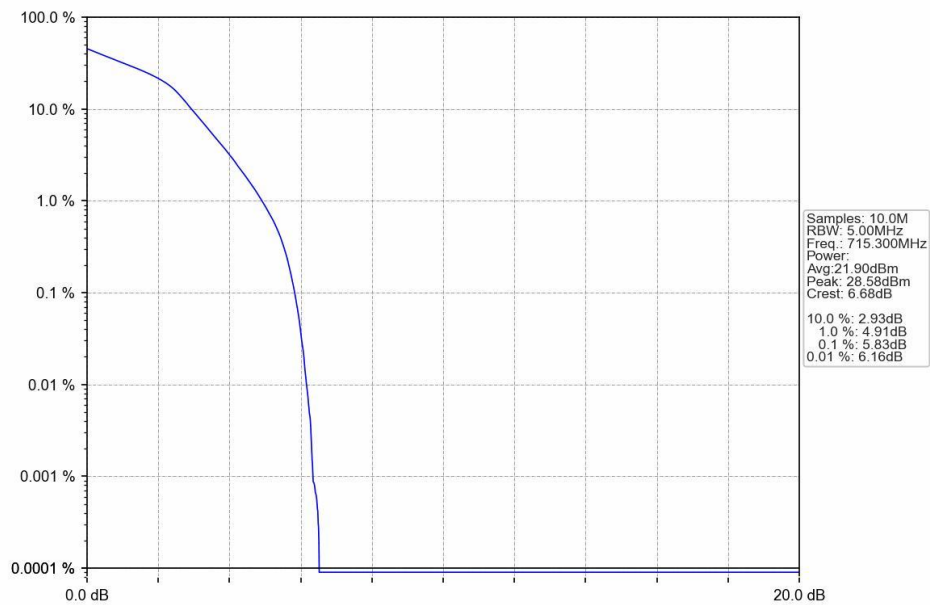
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



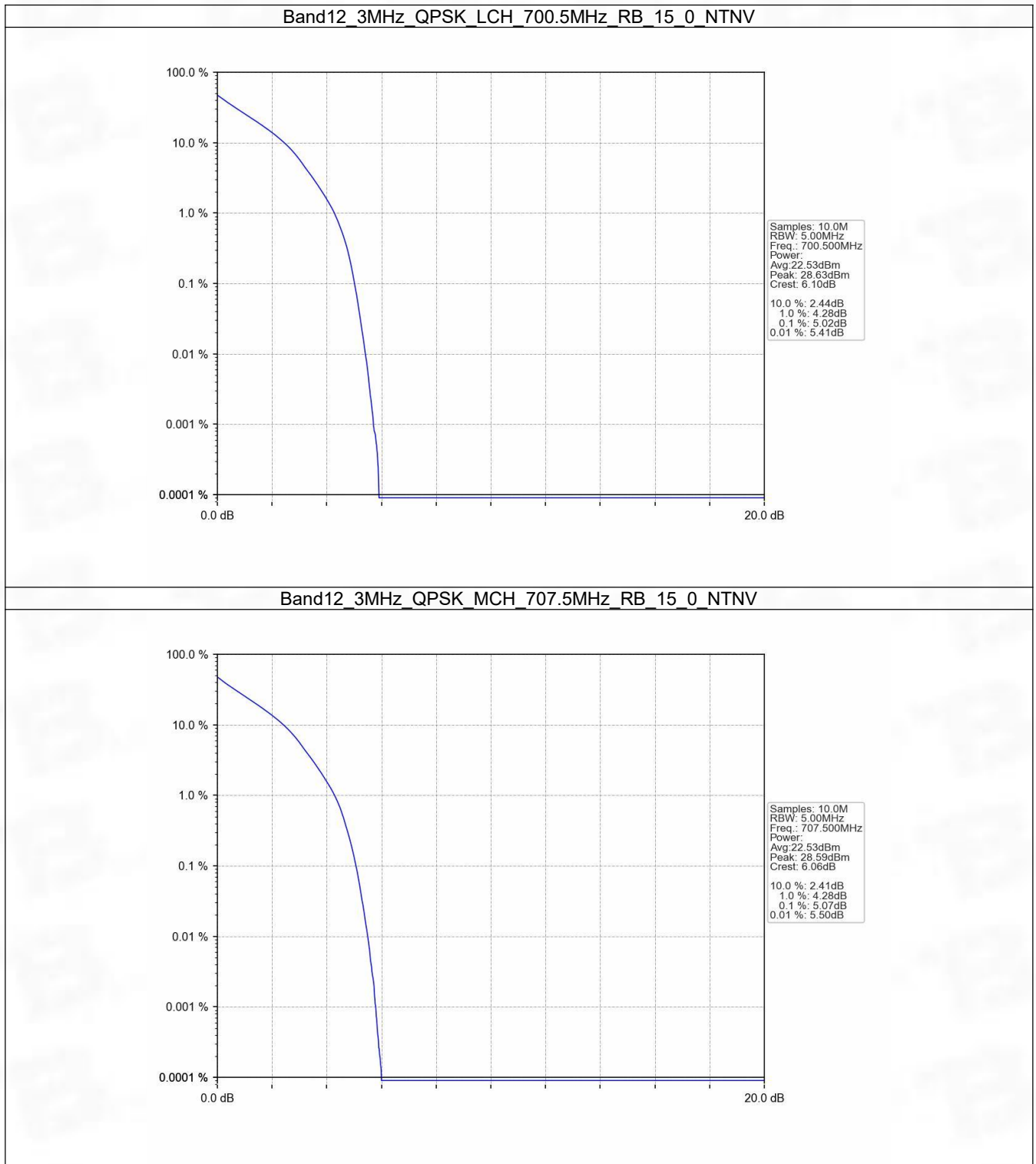
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



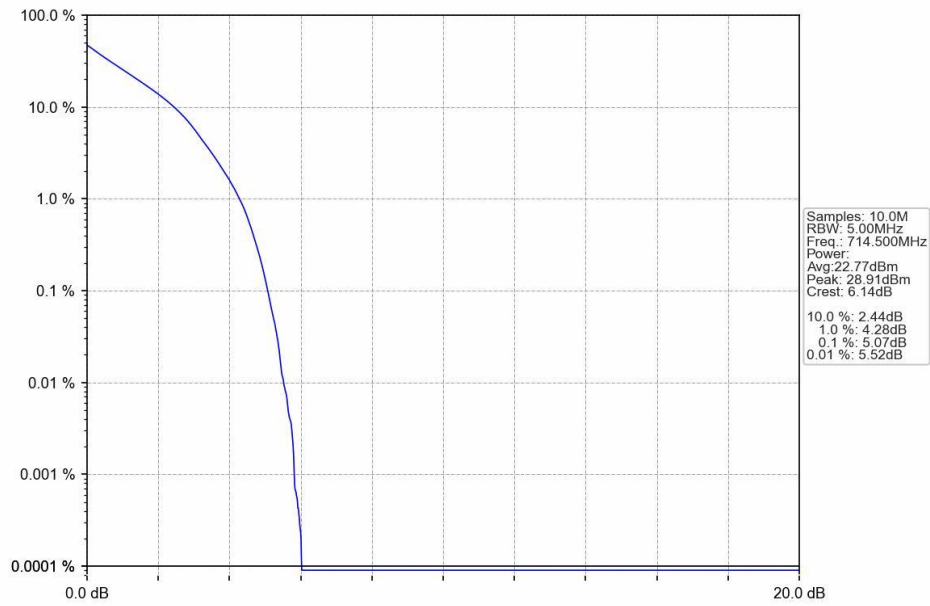
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



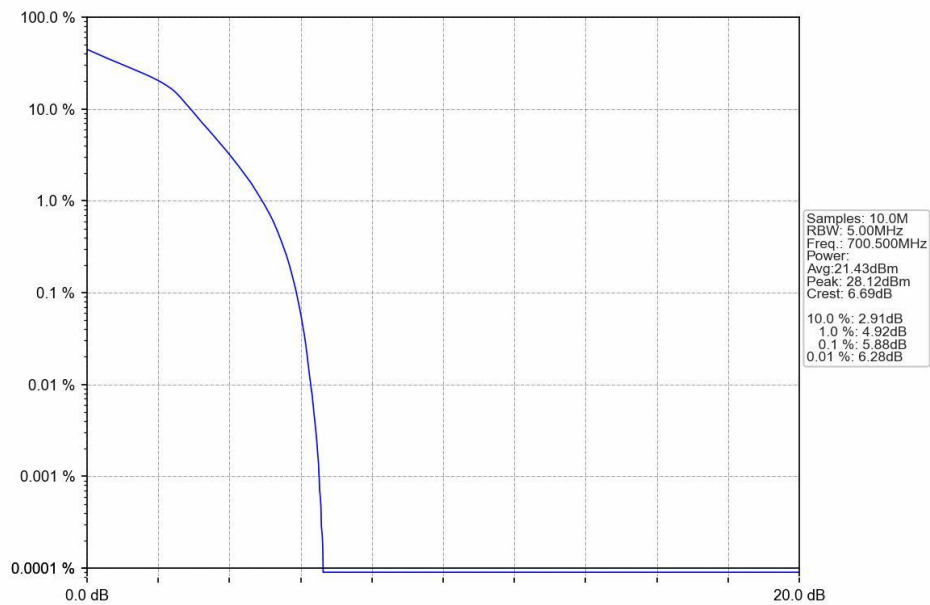
5.2.2 B12_3MHz



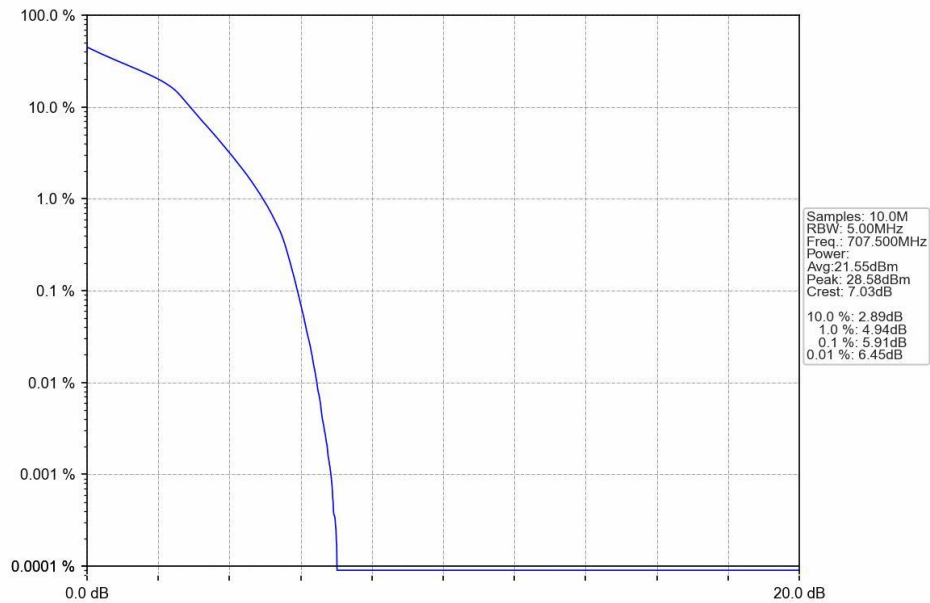
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



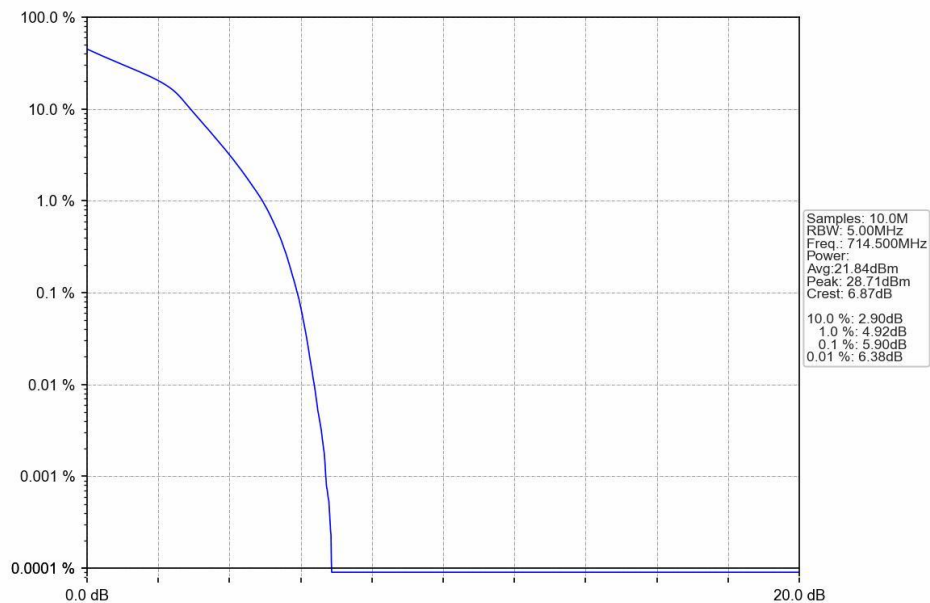
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



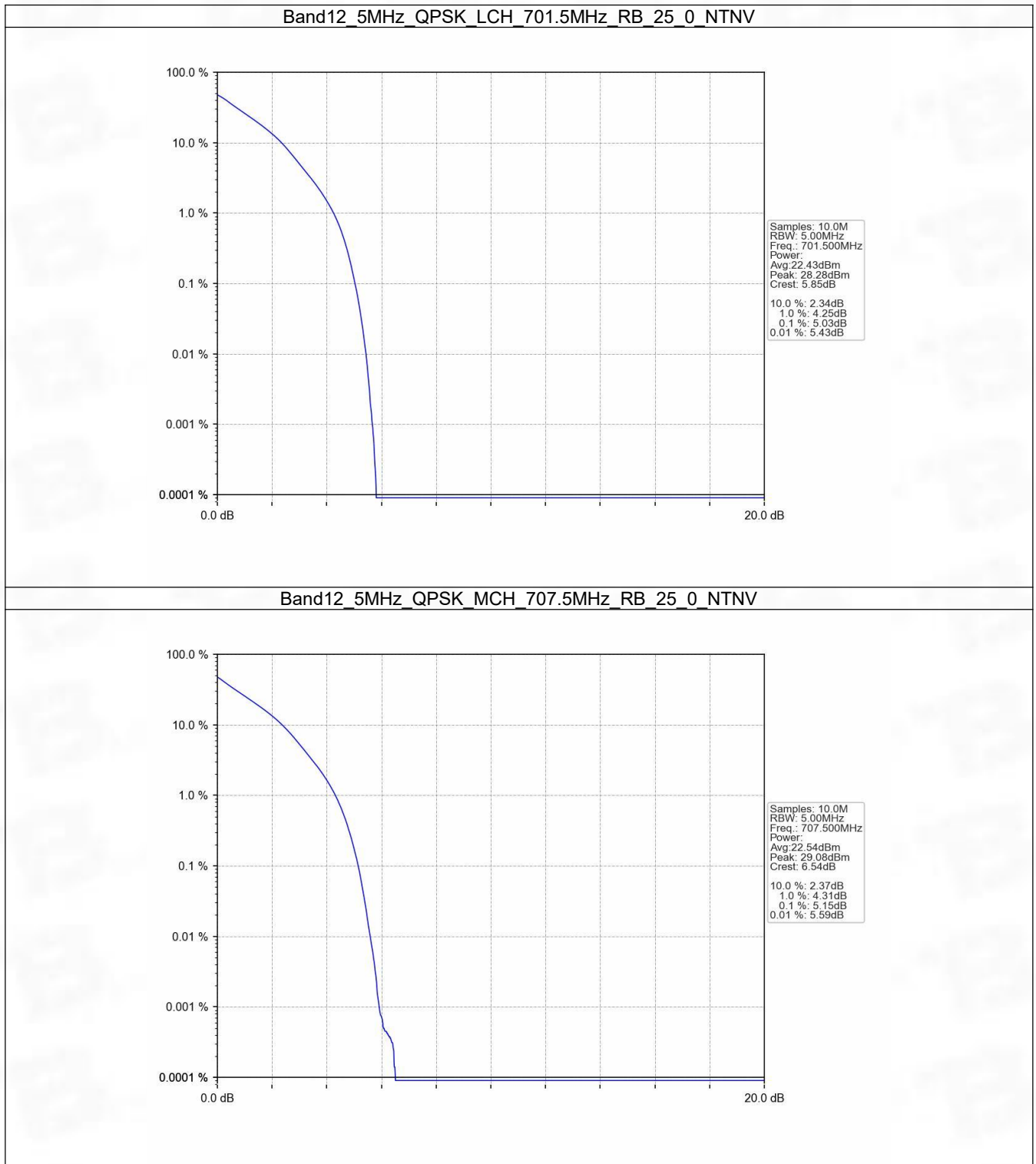
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



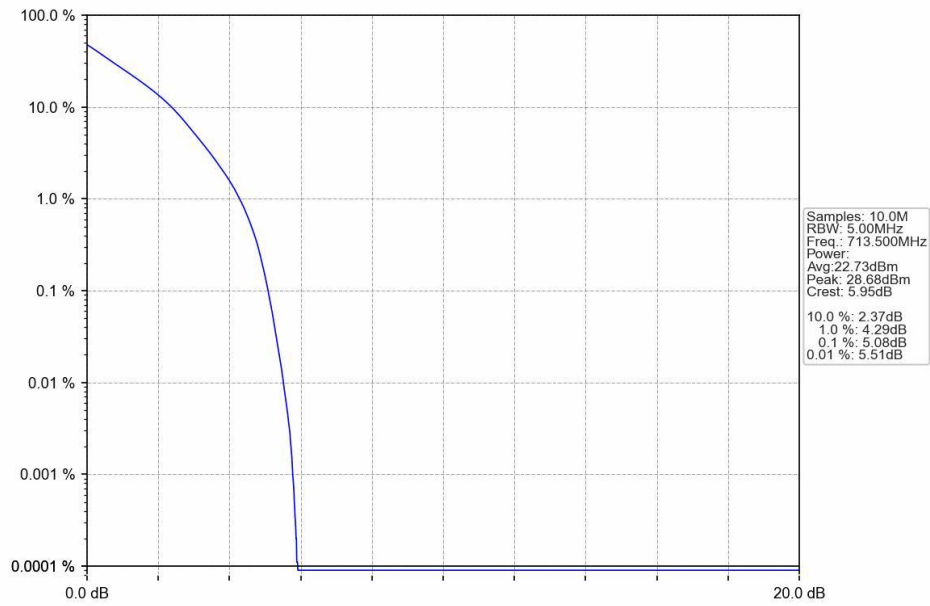
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



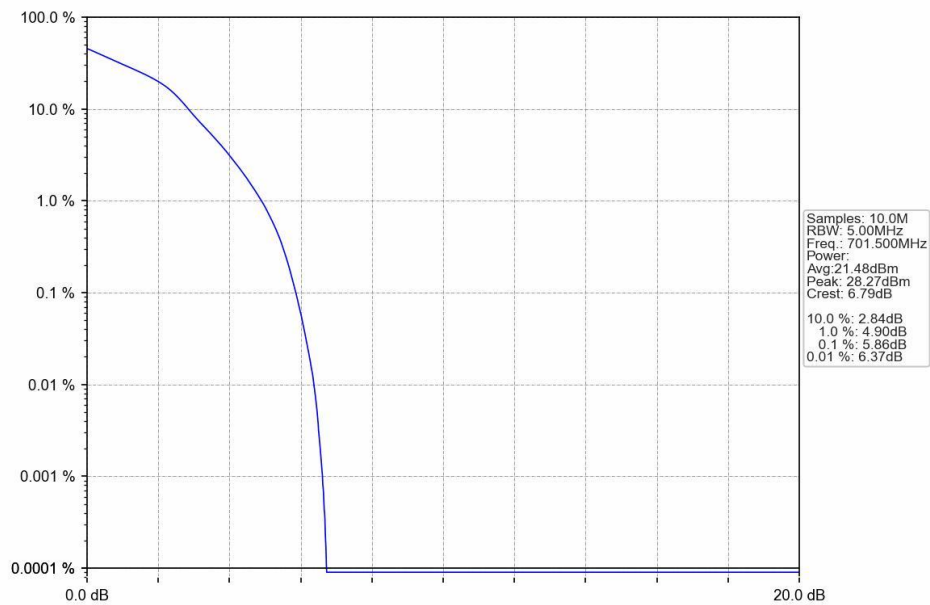
5.2.3 B12_5MHz



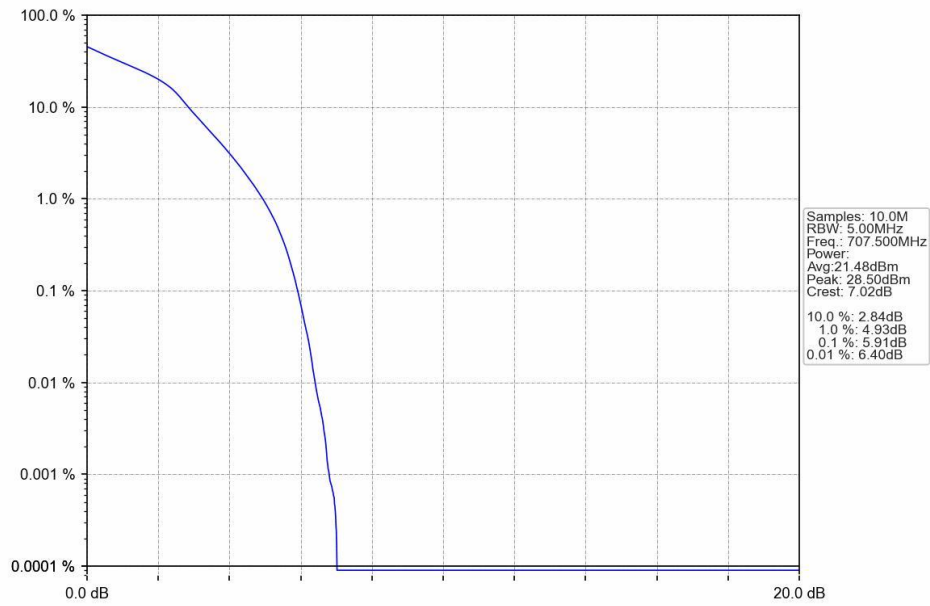
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



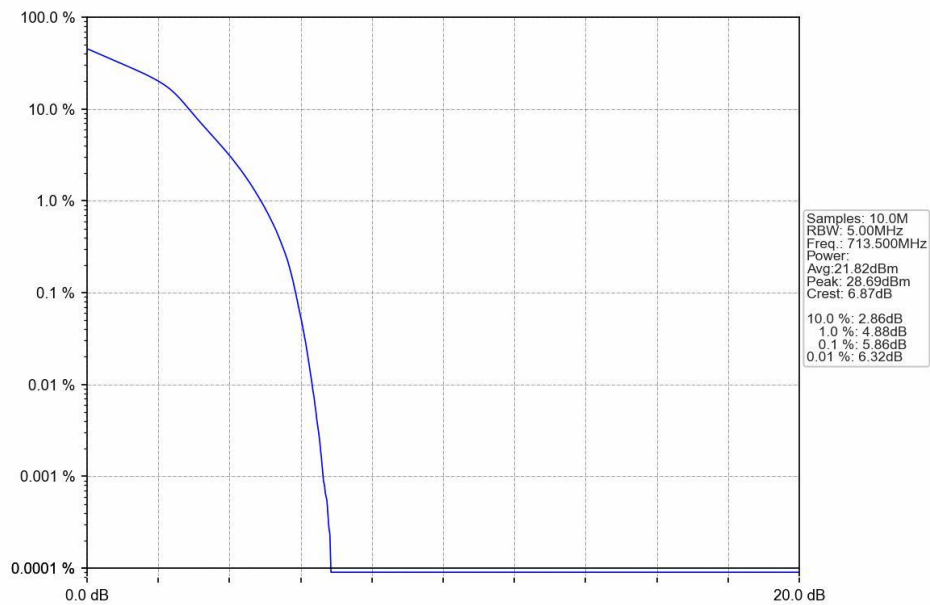
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



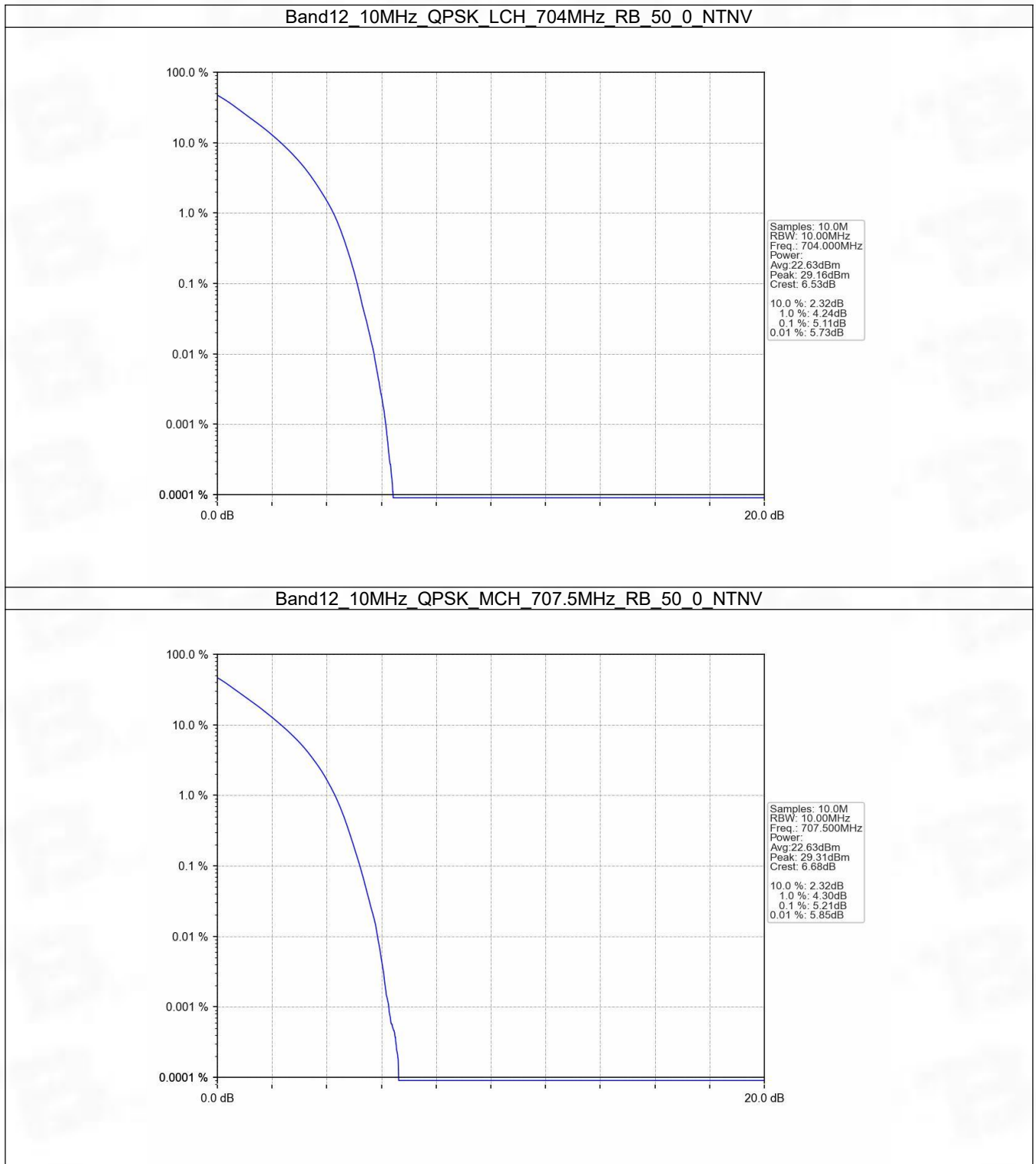
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



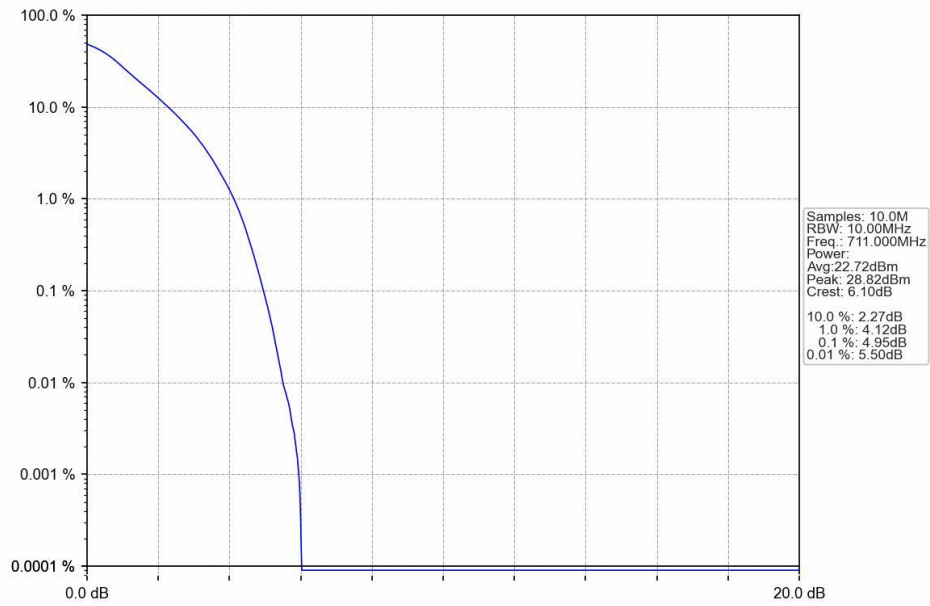
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



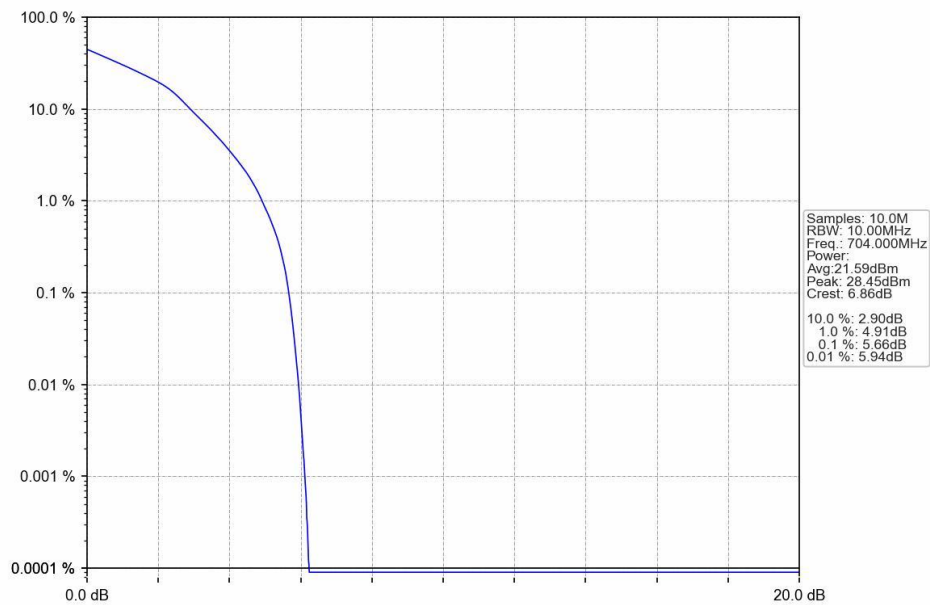
5.2.4 B12_10MHz



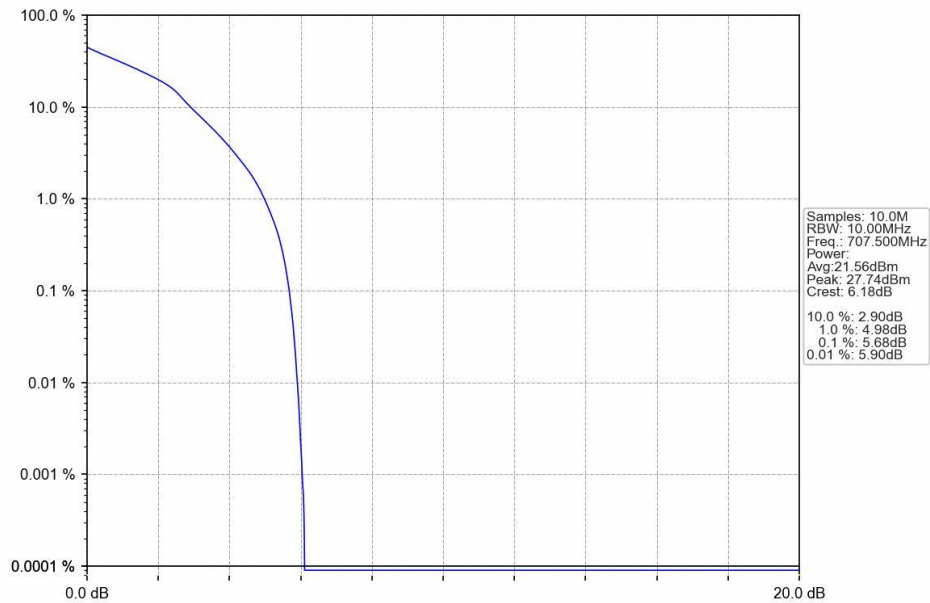
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



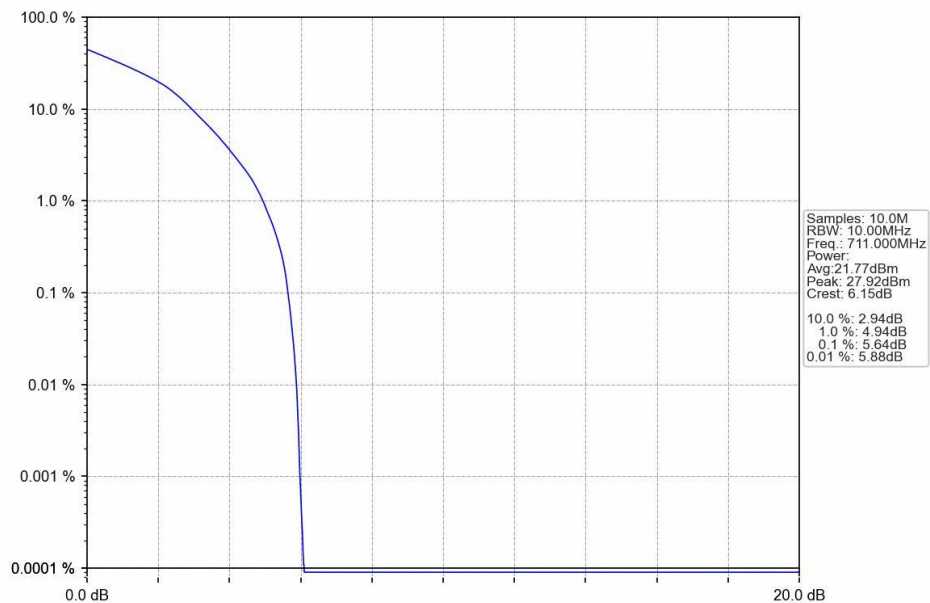
Band12_10MHz_16QAM_LCH_704MHz_RB_27_0_NTNV



Band12_10MHz_16QAM_MCH_707.5MHz_RB_27_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_27_23_NTNV



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	
		Size	Offset	Result	Limit
QPSK	699.7	1	0	Refer To Test Graph	Pass
		6	0	Refer To Test Graph	Pass
	715.3	1	0	Refer To Test Graph	Pass
		1	5	Refer To Test Graph	Pass
		6	0	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
	715.3	1	0	Refer To Test Graph	Pass
		1	5	Refer To Test Graph	Pass
		6	0	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	
		Size	Offset	Result	Limit
QPSK	700.5	1	0	Refer To Test Graph	Pass
		15	0	Refer To Test Graph	Pass
	714.5	1	0	Refer To Test Graph	Pass
		1	14	Refer To Test Graph	Pass
		15	0	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
	714.5	1	0	Refer To Test Graph	Pass
		1	14	Refer To Test Graph	Pass
		15	0	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	
		Size	Offset	Result	Limit
QPSK	701.5	1	0	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
	713.5	1	0	Refer To Test Graph	Pass
		1	24	Refer To Test Graph	Pass
		25	0	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
	713.5	1	0	Refer To Test Graph	Pass
		1	24	Refer To Test Graph	Pass
		25	0	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
	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

