

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	20.05	-10.57	7.33	<=34.77	Pass
			2	20.03	-10.57	7.31	<=34.77	Pass
			5	20.05	-10.57	7.33	<=34.77	Pass
		3	0	20.14	-10.57	7.42	<=34.77	Pass
			2	20.13	-10.57	7.41	<=34.77	Pass
			3	20.24	-10.57	7.52	<=34.77	Pass
		6	0	19.14	-10.57	6.42	<=34.77	Pass
	707.5	1	0	22.93	-10.57	10.21	<=34.77	Pass
			2	19.74	-10.57	7.02	<=34.77	Pass
			5	22.98	-10.57	10.26	<=34.77	Pass
		3	0	20.01	-10.57	7.29	<=34.77	Pass
			2	19.89	-10.57	7.17	<=34.77	Pass
			3	19.46	-10.57	6.74	<=34.77	Pass
		6	0	18.80	-10.57	6.08	<=34.77	Pass
	715.3	1	0	20.18	-10.57	7.46	<=34.77	Pass
			2	20.04	-10.57	7.32	<=34.77	Pass
			5	19.98	-10.57	7.26	<=34.77	Pass
		3	0	19.93	-10.57	7.21	<=34.77	Pass
			2	20.21	-10.57	7.49	<=34.77	Pass
			3	20.01	-10.57	7.29	<=34.77	Pass
		6	0	19.03	-10.57	6.31	<=34.77	Pass
16QAM	699.7	1	0	18.97	-10.57	6.25	<=34.77	Pass
			2	19.29	-10.57	6.57	<=34.77	Pass
			5	19.18	-10.57	6.46	<=34.77	Pass
		3	0	19.33	-10.57	6.61	<=34.77	Pass
			2	19.27	-10.57	6.55	<=34.77	Pass
			3	19.19	-10.57	6.47	<=34.77	Pass
		6	0	18.24	-10.57	5.52	<=34.77	Pass
	707.5	1	0	22.31	-10.57	9.59	<=34.77	Pass
			2	18.96	-10.57	6.24	<=34.77	Pass
			5	22.29	-10.57	9.57	<=34.77	Pass
		3	0	19.02	-10.57	6.30	<=34.77	Pass
			2	18.86	-10.57	6.14	<=34.77	Pass
			3	18.89	-10.57	6.17	<=34.77	Pass
		6	0	18.04	-10.57	5.32	<=34.77	Pass
	715.3	1	0	19.06	-10.57	6.34	<=34.77	Pass
			2	19.27	-10.57	6.55	<=34.77	Pass
			5	19.14	-10.57	6.42	<=34.77	Pass
		3	0	19.20	-10.57	6.48	<=34.77	Pass
			2	19.34	-10.57	6.62	<=34.77	Pass
			3	19.27	-10.57	6.55	<=34.77	Pass
		6	0	17.92	-10.57	5.20	<=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	20.27	-10.57	7.55	<=34.77	Pass
			7	20.28	-10.57	7.56	<=34.77	Pass
			14	20.36	-10.57	7.64	<=34.77	Pass
		8	0	19.22	-10.57	6.50	<=34.77	Pass
			4	19.33	-10.57	6.61	<=34.77	Pass
			7	19.50	-10.57	6.78	<=34.77	Pass
		15	0	19.33	-10.57	6.61	<=34.77	Pass
	707.5	1	0	23.14	-10.57	10.42	<=34.77	Pass
			7	22.99	-10.57	10.27	<=34.77	Pass
			14	19.88	-10.57	7.16	<=34.77	Pass
		8	0	19.13	-10.57	6.41	<=34.77	Pass
			4	19.14	-10.57	6.42	<=34.77	Pass
			7	19.09	-10.57	6.37	<=34.77	Pass
		15	0	18.90	-10.57	6.18	<=34.77	Pass
	714.5	1	0	20.14	-10.57	7.42	<=34.77	Pass
			7	20.29	-10.57	7.57	<=34.77	Pass
			14	19.96	-10.57	7.24	<=34.77	Pass
		8	0	19.01	-10.57	6.29	<=34.77	Pass
			4	19.00	-10.57	6.28	<=34.77	Pass
			7	19.08	-10.57	6.36	<=34.77	Pass
		15	0	19.01	-10.57	6.29	<=34.77	Pass
16QAM	700.5	1	0	19.27	-10.57	6.55	<=34.77	Pass
			7	18.98	-10.57	6.26	<=34.77	Pass
			14	18.99	-10.57	6.27	<=34.77	Pass
		8	0	18.07	-10.57	5.35	<=34.77	Pass
			4	17.94	-10.57	5.22	<=34.77	Pass
			7	17.86	-10.57	5.14	<=34.77	Pass
		15	0	18.24	-10.57	5.52	<=34.77	Pass
	707.5	1	0	22.34	-10.57	9.62	<=34.77	Pass
			7	22.68	-10.57	9.96	<=34.77	Pass
			14	18.75	-10.57	6.03	<=34.77	Pass
		8	0	18.10	-10.57	5.38	<=34.77	Pass
			4	18.11	-10.57	5.39	<=34.77	Pass
			7	18.10	-10.57	5.38	<=34.77	Pass
		15	0	18.06	-10.57	5.34	<=34.77	Pass
	714.5	1	0	18.90	-10.57	6.18	<=34.77	Pass
			7	18.97	-10.57	6.25	<=34.77	Pass
			14	18.87	-10.57	6.15	<=34.77	Pass
		8	0	18.00	-10.57	5.28	<=34.77	Pass
			4	17.94	-10.57	5.22	<=34.77	Pass
			7	18.17	-10.57	5.45	<=34.77	Pass
		15	0	18.22	-10.57	5.50	<=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	19.97	-10.57	7.25	<=34.77	Pass
			13	20.46	-10.57	7.74	<=34.77	Pass
			24	20.15	-10.57	7.43	<=34.77	Pass
		12	0	19.10	-10.57	6.38	<=34.77	Pass
			6	19.30	-10.57	6.58	<=34.77	Pass
			13	19.06	-10.57	6.34	<=34.77	Pass

16QAM	707.5	25	0	18.97	-10.57	6.25	<=34.77	Pass
		1	0	22.89	-10.57	10.17	<=34.77	Pass
			13	19.78	-10.57	7.06	<=34.77	Pass
			24	22.80	-10.57	10.08	<=34.77	Pass
		12	0	19.11	-10.57	6.39	<=34.77	Pass
			6	19.12	-10.57	6.40	<=34.77	Pass
			13	19.04	-10.57	6.32	<=34.77	Pass
		25	0	18.93	-10.57	6.21	<=34.77	Pass
	713.5	1	0	20.24	-10.57	7.52	<=34.77	Pass
			13	20.05	-10.57	7.33	<=34.77	Pass
			24	22.50	-10.57	9.78	<=34.77	Pass
		12	0	19.11	-10.57	6.39	<=34.77	Pass
			6	19.05	-10.57	6.33	<=34.77	Pass
			13	19.01	-10.57	6.29	<=34.77	Pass
		25	0	19.00	-10.57	6.28	<=34.77	Pass
	701.5	1	0	18.91	-10.57	6.19	<=34.77	Pass
			13	19.29	-10.57	6.57	<=34.77	Pass
			24	18.84	-10.57	6.12	<=34.77	Pass
		12	0	18.12	-10.57	5.40	<=34.77	Pass
			6	18.23	-10.57	5.51	<=34.77	Pass
			13	17.90	-10.57	5.18	<=34.77	Pass
		25	0	18.26	-10.57	5.54	<=34.77	Pass
	707.5	1	0	22.16	-10.57	9.44	<=34.77	Pass
			13	18.98	-10.57	6.26	<=34.77	Pass
			24	18.93	-10.57	6.21	<=34.77	Pass
		12	0	18.25	-10.57	5.53	<=34.77	Pass
			6	17.95	-10.57	5.23	<=34.77	Pass
			13	18.11	-10.57	5.39	<=34.77	Pass
		25	0	18.13	-10.57	5.41	<=34.77	Pass
	713.5	1	0	18.89	-10.57	6.17	<=34.77	Pass
			13	18.78	-10.57	6.06	<=34.77	Pass
			24	19.08	-10.57	6.36	<=34.77	Pass
		12	0	18.08	-10.57	5.36	<=34.77	Pass
			6	18.04	-10.57	5.32	<=34.77	Pass
			13	18.03	-10.57	5.31	<=34.77	Pass
		25	0	18.00	-10.57	5.28	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.4 B12_10MHz_ERP

Band: 12 / Bandwidth: 10MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	704	1	0	20.33	-10.57	7.61	<=34.77	Pass
			25	20.29	-10.57	7.57	<=34.77	Pass
			49	22.69	-10.57	9.97	<=34.77	Pass
		25	0	19.14	-10.57	6.42	<=34.77	Pass
			13	19.05	-10.57	6.33	<=34.77	Pass
			25	19.15	-10.57	6.43	<=34.77	Pass
		50	0	21.80	-10.57	9.08	<=34.77	Pass
	707.5	1	0	19.95	-10.57	7.23	<=34.77	Pass
			25	20.14	-10.57	7.42	<=34.77	Pass
			49	20.16	-10.57	7.44	<=34.77	Pass
		25	0	19.13	-10.57	6.41	<=34.77	Pass
			13	19.16	-10.57	6.44	<=34.77	Pass
			25	19.16	-10.57	6.44	<=34.77	Pass
		50	0	19.06	-10.57	6.34	<=34.77	Pass

16QAM	711	1	0	22.55	-10.57	9.83	<=34.77	Pass	
			25	20.31	-10.57	7.59	<=34.77	Pass	
			49	22.33	-10.57	9.61	<=34.77	Pass	
		25	0	19.15	-10.57	6.43	<=34.77	Pass	
			13	19.13	-10.57	6.41	<=34.77	Pass	
			25	19.20	-10.57	6.48	<=34.77	Pass	
		50	0	19.16	-10.57	6.44	<=34.77	Pass	
			1	0	19.00	-10.57	6.28	<=34.77	Pass
			25	19.62	-10.57	6.90	<=34.77	Pass	
	704	1	49	19.12	-10.57	6.40	<=34.77	Pass	
			12	0	19.11	-10.57	6.39	<=34.77	Pass
			19	19.21	-10.57	6.49	<=34.77	Pass	
		12	38	19.05	-10.57	6.33	<=34.77	Pass	
			27	0	18.03	-10.57	5.31	<=34.77	Pass
			1	0	18.97	-10.57	6.25	<=34.77	Pass
		707.5	1	25	19.21	-10.57	6.49	<=34.77	Pass
				49	18.75	-10.57	6.03	<=34.77	Pass
				12	0	19.31	-10.57	6.59	<=34.77
	12		19	19.07	-10.57	6.35	<=34.77	Pass	
			38	18.98	-10.57	6.26	<=34.77	Pass	
			27	0	18.16	-10.57	5.44	<=34.77	Pass
	711		1	0	19.34	-10.57	6.62	<=34.77	Pass
				25	19.96	-10.57	7.24	<=34.77	Pass
				49	19.27	-10.57	6.55	<=34.77	Pass
		12	0	19.02	-10.57	6.30	<=34.77	Pass	
			19	19.02	-10.57	6.30	<=34.77	Pass	
			38	18.91	-10.57	6.19	<=34.77	Pass	
		27	23	18.18	-10.57	5.46	<=34.77	Pass	
Note1: ERP=Conducted Power+Antenna Gain-2.15									

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	-1.101	-0.0016	-2.5 to 2.5	Pass
					3.85	-0.944	-0.0013	-2.5 to 2.5	Pass
					4.43	-1.016	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-0.329	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-1.431	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-0.944	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-1.059	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-0.587	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-1.373	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-1.473	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-1.416	-0.0020	-2.5 to 2.5	Pass
	707.5	6	0	20	3.27	-0.029	0.0000	-2.5 to 2.5	Pass
					3.85	0.129	0.0002	-2.5 to 2.5	Pass
					4.43	-0.801	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-0.672	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-0.401	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-0.057	-0.0001	-2.5 to 2.5	Pass

				0	3.85	-1.173	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-0.601	-0.0008	-2.5 to 2.5	Pass
				30	3.85	0.172	0.0002	-2.5 to 2.5	Pass
				40	3.85	-0.157	-0.0002	-2.5 to 2.5	Pass
				50	3.85	0.858	0.0012	-2.5 to 2.5	Pass
	715.3	6	0	20	3.27	-0.916	-0.0013	-2.5 to 2.5	Pass
					3.85	-0.272	-0.0004	-2.5 to 2.5	Pass
					4.43	-1.073	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-1.130	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-1.531	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-0.629	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-1.230	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-1.016	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-1.230	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-0.887	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-0.587	-0.0008	-2.5 to 2.5	Pass
16QAM	699.7	6	0	20	3.27	-0.315	-0.0005	-2.5 to 2.5	Pass
					3.85	-0.644	-0.0009	-2.5 to 2.5	Pass
					4.43	-0.830	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	0.243	0.0003	-2.5 to 2.5	Pass
				-20	3.85	-0.901	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-0.415	-0.0006	-2.5 to 2.5	Pass
				0	3.85	0.215	0.0003	-2.5 to 2.5	Pass
				10	3.85	-0.615	-0.0009	-2.5 to 2.5	Pass
				30	3.85	0.286	0.0004	-2.5 to 2.5	Pass
				40	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				50	3.85	0.701	0.0010	-2.5 to 2.5	Pass
	707.5	6	0	20	3.27	-0.172	-0.0002	-2.5 to 2.5	Pass
					3.85	-0.958	-0.0014	-2.5 to 2.5	Pass
					4.43	-0.730	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-1.230	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-1.402	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-0.930	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-1.302	-0.0018	-2.5 to 2.5	Pass
				10	3.85	0.043	0.0001	-2.5 to 2.5	Pass
				30	3.85	-0.343	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-2.189	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-0.515	-0.0007	-2.5 to 2.5	Pass
	715.3	6	0	20	3.27	-1.273	-0.0018	-2.5 to 2.5	Pass
					3.85	-2.332	-0.0033	-2.5 to 2.5	Pass
					4.43	-2.403	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-1.760	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-1.960	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-2.947	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-2.031	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-2.747	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-1.717	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-2.203	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-2.589	-0.0036	-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	-0.401	-0.0006	-2.5 to 2.5	Pass
					3.85	0.315	0.0004	-2.5 to 2.5	Pass

					4.43	-1.388	-0.0020	-2.5 to 2.5	Pass	
				-30	3.85	-1.473	-0.0021	-2.5 to 2.5	Pass	
				-20	3.85	-1.359	-0.0019	-2.5 to 2.5	Pass	
				-10	3.85	-1.631	-0.0023	-2.5 to 2.5	Pass	
				0	3.85	-2.146	-0.0031	-2.5 to 2.5	Pass	
				10	3.85	-3.877	-0.0055	-2.5 to 2.5	Pass	
				30	3.85	-3.991	-0.0057	-2.5 to 2.5	Pass	
				40	3.85	-3.633	-0.0052	-2.5 to 2.5	Pass	
	50	3.85	-4.478	-0.0064	-2.5 to 2.5	Pass				
	707.5	15	0	20	3.27	-0.615	-0.0009	-2.5 to 2.5	Pass	
					3.85	-0.243	-0.0003	-2.5 to 2.5	Pass	
					4.43	0.086	0.0001	-2.5 to 2.5	Pass	
				-30	3.85	-1.459	-0.0021	-2.5 to 2.5	Pass	
				-20	3.85	0.172	0.0002	-2.5 to 2.5	Pass	
				-10	3.85	-1.516	-0.0021	-2.5 to 2.5	Pass	
				0	3.85	-0.815	-0.0012	-2.5 to 2.5	Pass	
				10	3.85	-0.958	-0.0014	-2.5 to 2.5	Pass	
				30	3.85	-0.601	-0.0008	-2.5 to 2.5	Pass	
				40	3.85	-1.230	-0.0017	-2.5 to 2.5	Pass	
	50	3.85	-0.443	-0.0006	-2.5 to 2.5	Pass				
	714.5	15	0	20	3.27	1.159	0.0016	-2.5 to 2.5	Pass	
					3.85	-0.815	-0.0011	-2.5 to 2.5	Pass	
					4.43	-0.143	-0.0002	-2.5 to 2.5	Pass	
				-30	3.85	0.215	0.0003	-2.5 to 2.5	Pass	
				-20	3.85	0.029	0.0000	-2.5 to 2.5	Pass	
				-10	3.85	-0.215	-0.0003	-2.5 to 2.5	Pass	
				0	3.85	-0.200	-0.0003	-2.5 to 2.5	Pass	
				10	3.85	-0.472	-0.0007	-2.5 to 2.5	Pass	
				30	3.85	0.215	0.0003	-2.5 to 2.5	Pass	
				40	3.85	0.272	0.0004	-2.5 to 2.5	Pass	
	50	3.85	0.043	0.0001	-2.5 to 2.5	Pass				
	16QAM	700.5	15	0	20	3.27	-4.821	-0.0069	-2.5 to 2.5	Pass
						3.85	-5.593	-0.0080	-2.5 to 2.5	Pass
4.43						-5.836	-0.0083	-2.5 to 2.5	Pass	
-30					3.85	-5.779	-0.0082	-2.5 to 2.5	Pass	
-20					3.85	-5.894	-0.0084	-2.5 to 2.5	Pass	
-10					3.85	-5.779	-0.0082	-2.5 to 2.5	Pass	
0					3.85	-5.207	-0.0074	-2.5 to 2.5	Pass	
10					3.85	-5.493	-0.0078	-2.5 to 2.5	Pass	
30					3.85	-5.794	-0.0083	-2.5 to 2.5	Pass	
40					3.85	-6.480	-0.0093	-2.5 to 2.5	Pass	
50		3.85	-5.779	-0.0082	-2.5 to 2.5	Pass				
707.5		15	0	20	3.27	0.358	0.0005	-2.5 to 2.5	Pass	
					3.85	0.072	0.0001	-2.5 to 2.5	Pass	
					4.43	-0.472	-0.0007	-2.5 to 2.5	Pass	
				-30	3.85	-0.587	-0.0008	-2.5 to 2.5	Pass	
				-20	3.85	-1.960	-0.0028	-2.5 to 2.5	Pass	
				-10	3.85	-0.629	-0.0009	-2.5 to 2.5	Pass	
				0	3.85	-0.916	-0.0013	-2.5 to 2.5	Pass	
				10	3.85	-0.772	-0.0011	-2.5 to 2.5	Pass	
				30	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass	
				40	3.85	-0.958	-0.0014	-2.5 to 2.5	Pass	
50		3.85	-1.016	-0.0014	-2.5 to 2.5	Pass				
714.5		15	0	20	3.27	-0.372	-0.0005	-2.5 to 2.5	Pass	
					3.85	-0.415	-0.0006	-2.5 to 2.5	Pass	
					4.43	-0.286	-0.0004	-2.5 to 2.5	Pass	
				-30	3.85	0.401	0.0006	-2.5 to 2.5	Pass	
				-20	3.85	0.200	0.0003	-2.5 to 2.5	Pass	
				-10	3.85	-1.130	-0.0016	-2.5 to 2.5	Pass	

				0	3.85	-1.159	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-0.858	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-1.245	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-0.329	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-1.187	-0.0017	-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	-0.644	-0.0009	-2.5 to 2.5	Pass
					3.85	-0.401	-0.0006	-2.5 to 2.5	Pass
					4.43	-1.001	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-0.429	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-0.944	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-0.272	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-0.329	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-0.429	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-0.501	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-0.343	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-0.429	-0.0006	-2.5 to 2.5	Pass
	707.5	25	0	20	3.27	-0.429	-0.0006	-2.5 to 2.5	Pass
					3.85	0.129	0.0002	-2.5 to 2.5	Pass
					4.43	0.129	0.0002	-2.5 to 2.5	Pass
				-30	3.85	0.157	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.129	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-0.558	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				10	3.85	0.086	0.0001	-2.5 to 2.5	Pass
				30	3.85	0.501	0.0007	-2.5 to 2.5	Pass
				40	3.85	-0.300	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-0.358	-0.0005	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-1.631	-0.0023	-2.5 to 2.5	Pass
					3.85	-1.459	-0.0020	-2.5 to 2.5	Pass
					4.43	-1.845	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-1.001	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-1.330	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-1.860	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-1.488	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-1.574	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-1.359	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-2.246	-0.0031	-2.5 to 2.5	Pass
16QAM	701.5	25	0	20	3.27	-0.243	-0.0003	-2.5 to 2.5	Pass
					3.85	-0.386	-0.0006	-2.5 to 2.5	Pass
					4.43	-0.386	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-0.401	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-1.202	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-0.257	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-0.715	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-0.172	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-0.343	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-0.572	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-0.587	-0.0008	-2.5 to 2.5	Pass
	707.5	25	0	20	3.27	0.057	0.0001	-2.5 to 2.5	Pass
					3.85	-0.830	-0.0012	-2.5 to 2.5	Pass

					4.43	-3.247	-0.0046	-2.5 to 2.5	Pass
				-30	3.85	-2.460	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	-2.704	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-1.760	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-0.944	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-1.531	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-1.888	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-1.774	-0.0025	-2.5 to 2.5	Pass
				50	3.85	-2.332	-0.0033	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-1.416	-0.0020	-2.5 to 2.5	Pass
					3.85	-1.373	-0.0019	-2.5 to 2.5	Pass
					4.43	-1.359	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-0.901	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-1.016	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-1.616	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-0.644	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-0.930	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-1.230	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-1.817	-0.0025	-2.5 to 2.5	Pass
				50	3.85	-0.758	-0.0011	-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	1.316	0.0019	-2.5 to 2.5	Pass
					3.85	1.345	0.0019	-2.5 to 2.5	Pass
					4.43	1.087	0.0015	-2.5 to 2.5	Pass
				-30	3.85	-0.587	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-0.858	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-0.687	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-1.774	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-0.715	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-1.073	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-0.315	-0.0004	-2.5 to 2.5	Pass
	707.5	50	0	50	3.85	-0.501	-0.0007	-2.5 to 2.5	Pass
				20	3.27	-1.502	-0.0021	-2.5 to 2.5	Pass
					3.85	0.129	0.0002	-2.5 to 2.5	Pass
					4.43	-1.574	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-1.059	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-0.772	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-0.229	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-0.858	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-1.688	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-0.515	-0.0007	-2.5 to 2.5	Pass
	711	50	0	40	3.85	-0.873	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-1.574	-0.0022	-2.5 to 2.5	Pass
				20	3.27	-2.246	-0.0032	-2.5 to 2.5	Pass
					3.85	-1.502	-0.0021	-2.5 to 2.5	Pass
					4.43	-1.359	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-2.747	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	-1.330	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-1.130	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-2.074	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-1.817	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-1.760	-0.0025	-2.5 to 2.5	Pass

16QAM	704	27	0	40	3.85	-2.046	-0.0029	-2.5 to 2.5	Pass
				50	3.85	-0.873	-0.0012	-2.5 to 2.5	Pass
				20	3.27	-0.200	-0.0003	-2.5 to 2.5	Pass
					3.85	0.629	0.0009	-2.5 to 2.5	Pass
				20	4.43	0.014	0.0000	-2.5 to 2.5	Pass
					3.85	0.272	0.0004	-2.5 to 2.5	Pass
				-30	3.85	0.272	0.0004	-2.5 to 2.5	Pass
				-20	3.85	-0.300	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	1.416	0.0020	-2.5 to 2.5	Pass
				0	3.85	0.300	0.0004	-2.5 to 2.5	Pass
	707.5	27	0	10	3.85	0.415	0.0006	-2.5 to 2.5	Pass
				30	3.85	-0.257	-0.0004	-2.5 to 2.5	Pass
				40	3.85	0.515	0.0007	-2.5 to 2.5	Pass
				50	3.85	1.159	0.0016	-2.5 to 2.5	Pass
				20	3.27	-0.329	-0.0005	-2.5 to 2.5	Pass
					3.85	0.272	0.0004	-2.5 to 2.5	Pass
				20	4.43	-0.730	-0.0010	-2.5 to 2.5	Pass
					3.85	-1.187	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-2.918	-0.0041	-2.5 to 2.5	Pass
				-20	3.85	-3.047	-0.0043	-2.5 to 2.5	Pass
	711	27	23	-10	3.85	-3.047	-0.0043	-2.5 to 2.5	Pass
				0	3.85	-1.945	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-3.276	-0.0046	-2.5 to 2.5	Pass
				30	3.85	-3.633	-0.0051	-2.5 to 2.5	Pass
				40	3.85	-2.975	-0.0042	-2.5 to 2.5	Pass
				50	3.85	-3.591	-0.0051	-2.5 to 2.5	Pass
				20	3.27	-1.159	-0.0016	-2.5 to 2.5	Pass
					3.85	-1.516	-0.0021	-2.5 to 2.5	Pass
				20	4.43	-1.044	-0.0015	-2.5 to 2.5	Pass
					3.85	-0.958	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-0.544	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-1.159	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-2.389	-0.0034	-2.5 to 2.5	Pass
				0	3.85	-1.073	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-1.287	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-1.688	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-1.774	-0.0025	-2.5 to 2.5	Pass
				50	3.85	-1.774	-0.0025	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B12_1.4MHz

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

3.1.2 B12_3MHz

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

3.1.3 B12_5MHz

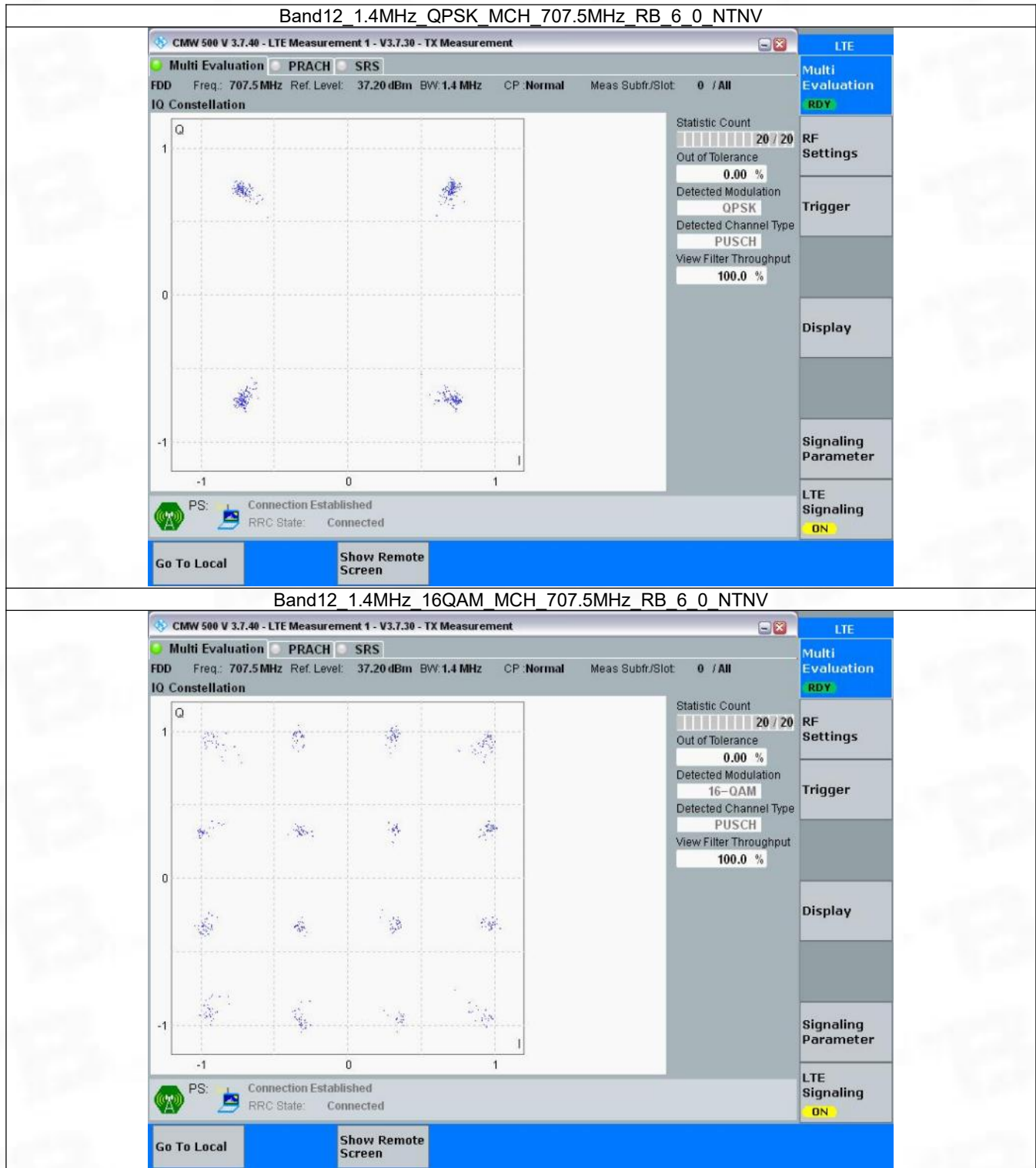
Band: 12 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	707.5	25	0	Refer To Test Graph		Pass
16QAM	707.5	25	0	Refer To Test Graph		Pass

3.1.4 B12_10MHz

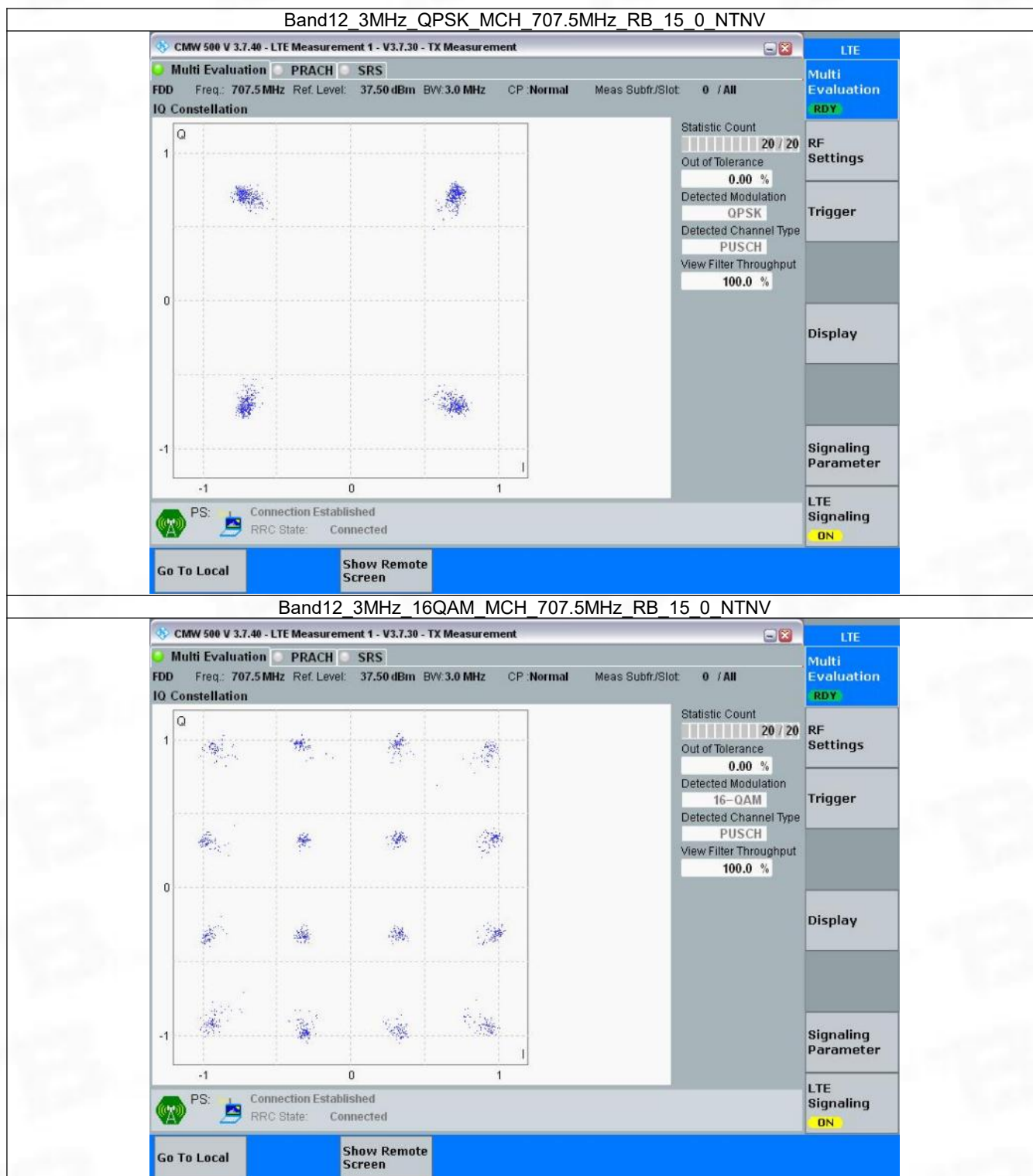
Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	707.5	50	0	Refer To Test Graph		Pass
16QAM	707.5	27	0	Refer To Test Graph		Pass

3.2 Test Graph

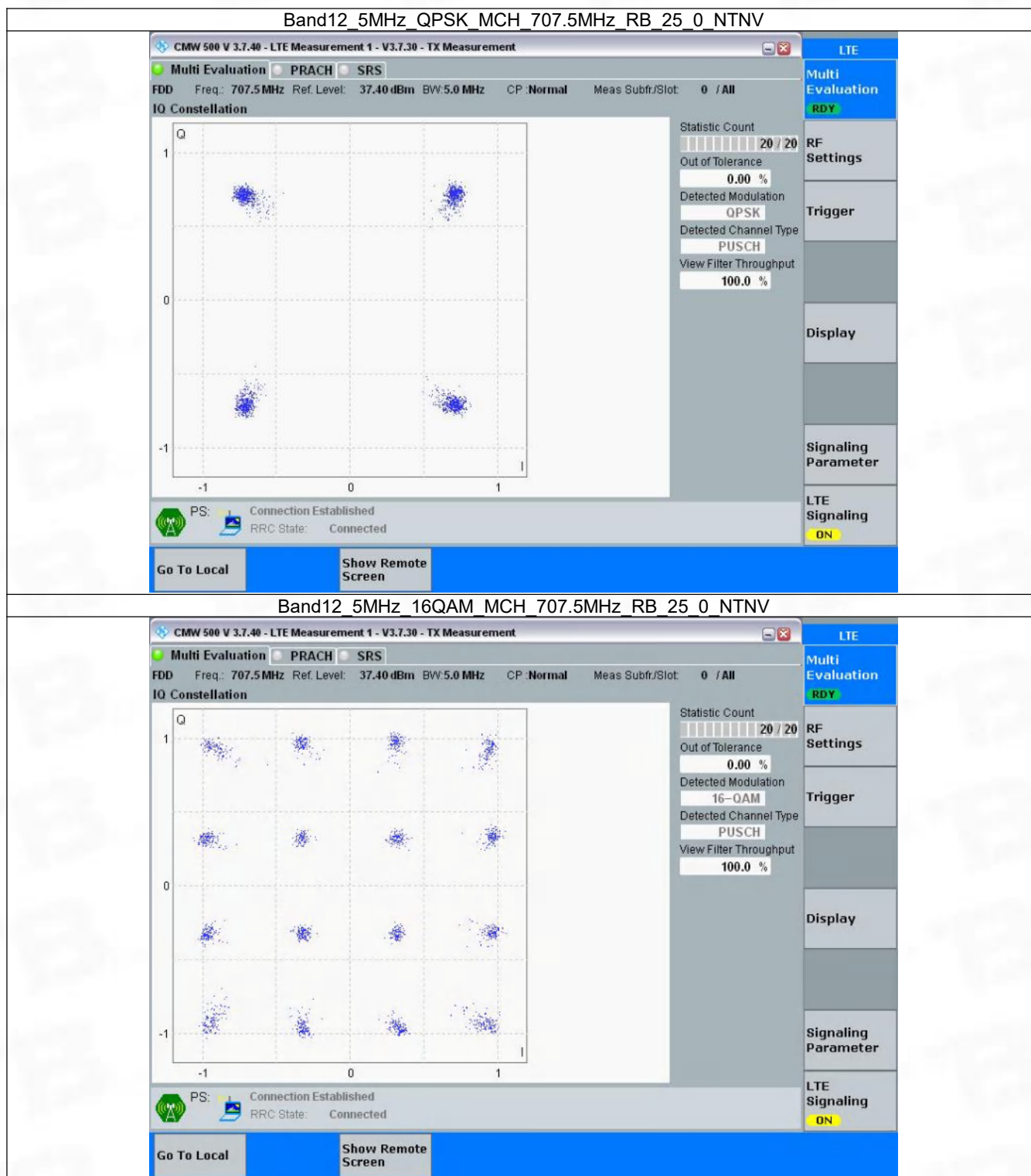
3.2.1 B12_1.4MHz



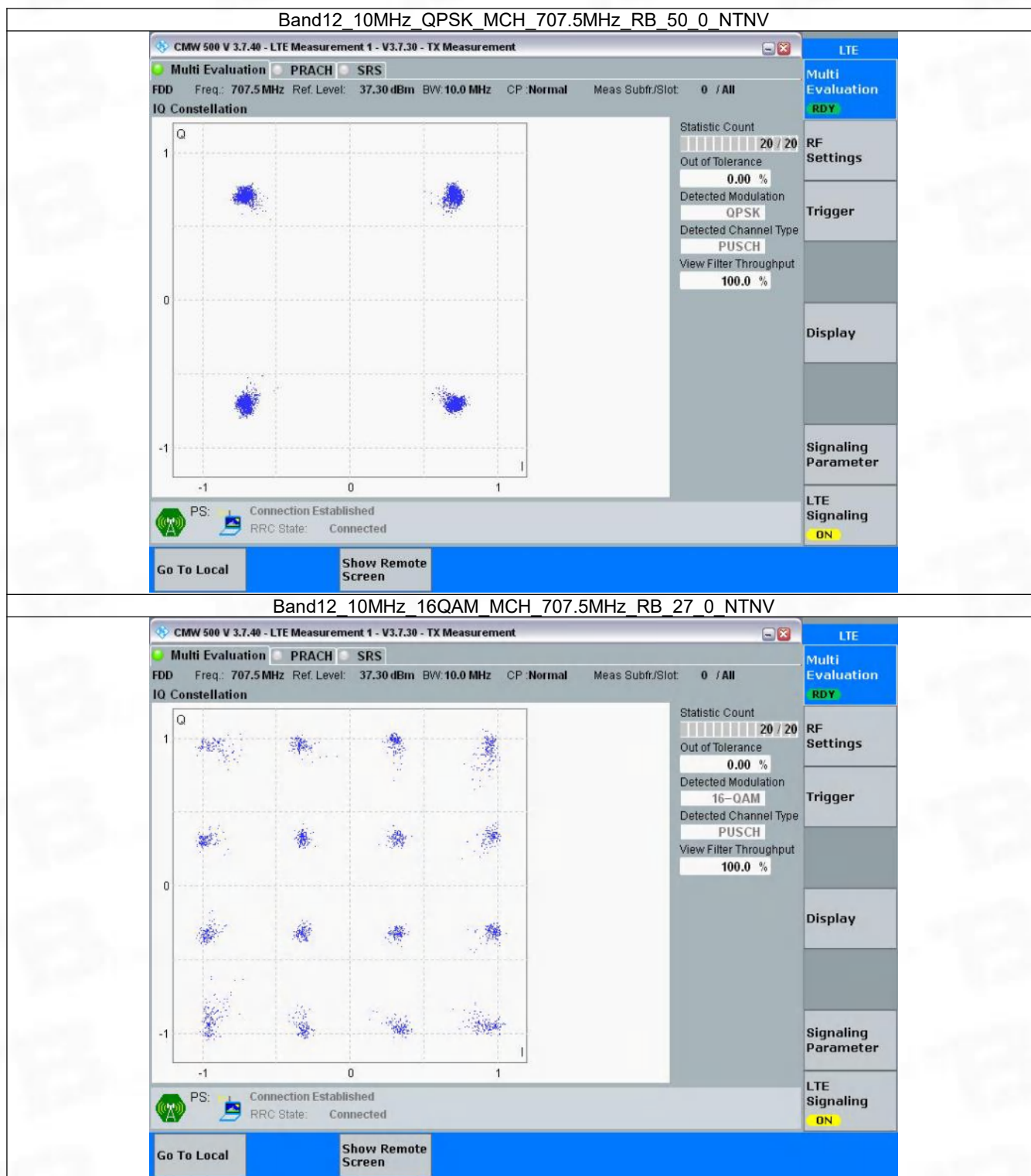
3.2.2 B12_3MHz



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	1.179	/	Pass
		707.5	6	0	1.215	/	Pass
		715.3	6	0	1.192	/	Pass
	16QAM	699.7	6	0	1.178	/	Pass
		707.5	6	0	1.208	/	Pass
		715.3	6	0	1.189	/	Pass
3	QPSK	700.5	15	0	2.761	/	Pass
		707.5	15	0	2.802	/	Pass
		714.5	15	0	2.757	/	Pass
	16QAM	700.5	15	0	2.742	/	Pass
		707.5	15	0	2.778	/	Pass
		714.5	15	0	2.741	/	Pass
5	QPSK	701.5	25	0	4.600	/	Pass
		707.5	25	0	4.626	/	Pass
		713.5	25	0	4.623	/	Pass
	16QAM	701.5	25	0	4.600	/	Pass
		707.5	25	0	4.647	/	Pass
		713.5	25	0	4.612	/	Pass
10	QPSK	704	50	0	9.134	/	Pass
		707.5	50	0	9.004	/	Pass
		711	50	0	9.039	/	Pass
	16QAM	704	27	0	5.024	/	Pass
		707.5	27	0	5.137	/	Pass
		711	27	23	5.047	/	Pass

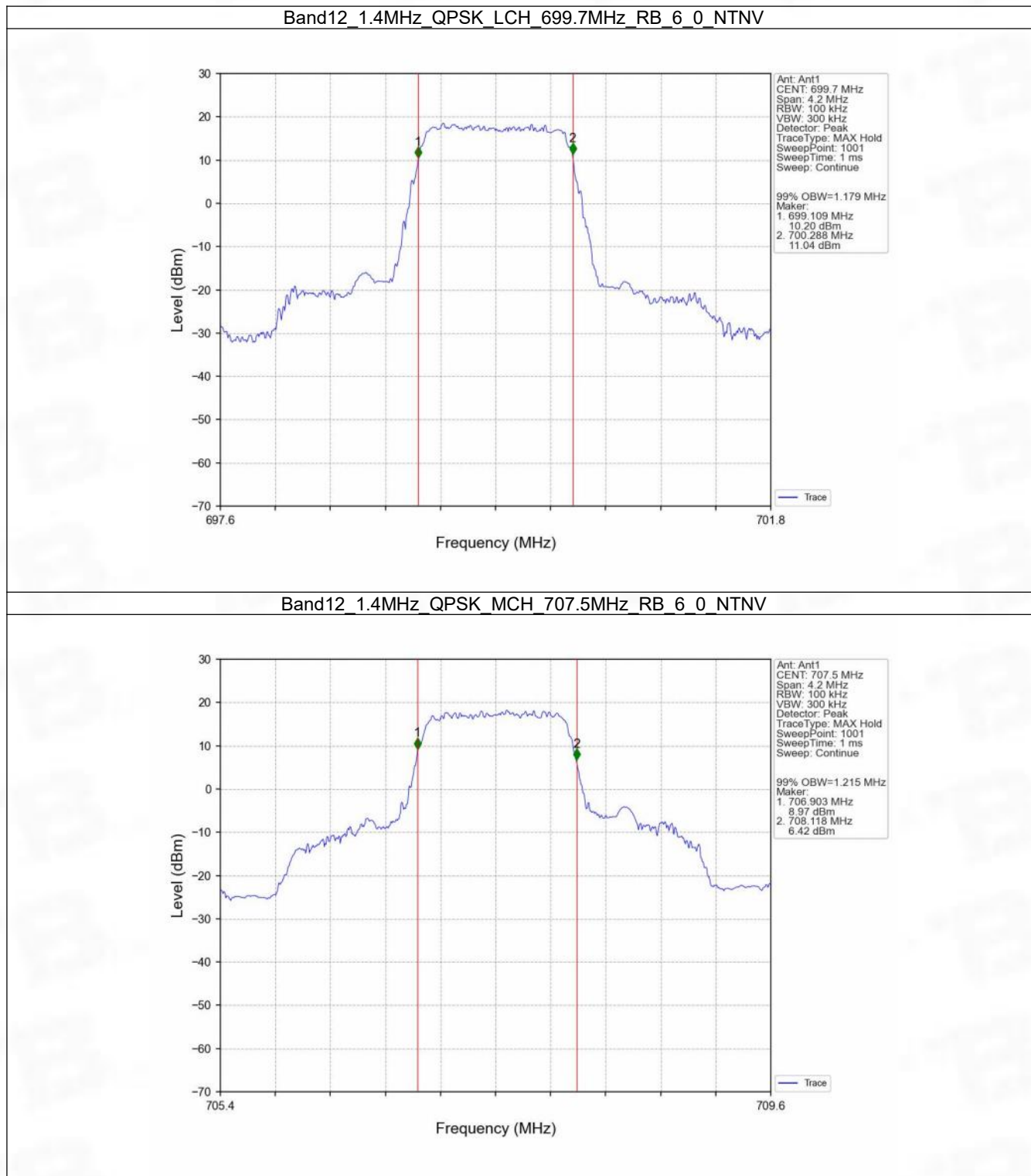
4.1.2 Band12_XDB

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	1.426	/	Pass
		707.5	6	0	2.292	/	Pass
		715.3	6	0	1.463	/	Pass
	16QAM	699.7	6	0	1.429	/	Pass
		707.5	6	0	1.941	/	Pass
		715.3	6	0	1.431	/	Pass
3	QPSK	700.5	15	0	3.093	/	Pass
		707.5	15	0	4.453	/	Pass
		714.5	15	0	3.067	/	Pass
	16QAM	700.5	15	0	3.072	/	Pass
		707.5	15	0	4.786	/	Pass
		714.5	15	0	3.093	/	Pass
5	QPSK	701.5	25	0	5.201	/	Pass
		707.5	25	0	6.579	/	Pass
		713.5	25	0	5.186	/	Pass

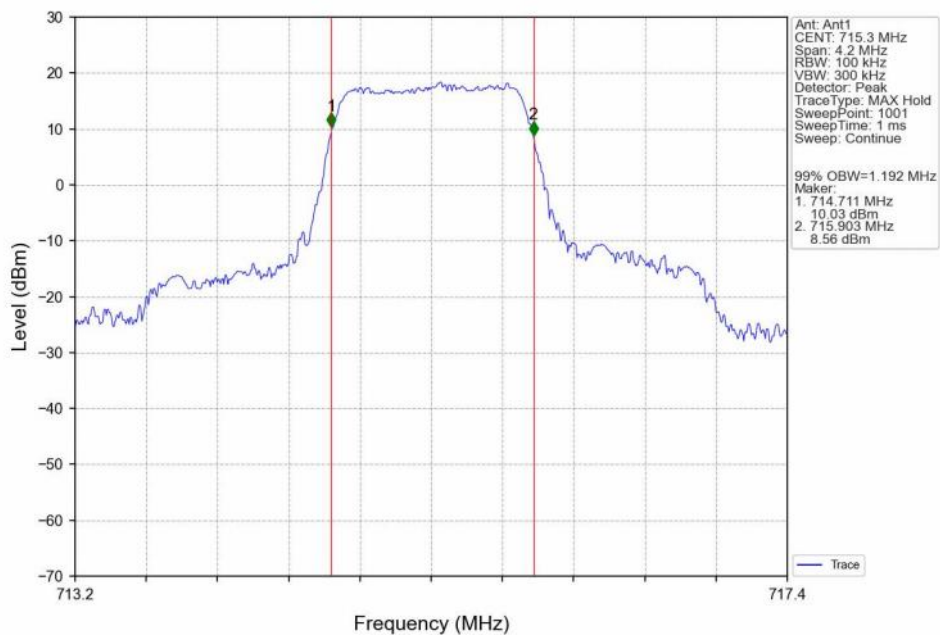
	16QAM	701.5	25	0	5.194	/	Pass
		707.5	25	0	7.236	/	Pass
		713.5	25	0	5.163	/	Pass
10	QPSK	704	50	0	12.429	/	Pass
		707.5	50	0	10.072	/	Pass
		711	50	0	10.047	/	Pass
	16QAM	704	27	0	5.900	/	Pass
		707.5	27	0	8.004	/	Pass
		711	27	23	5.918	/	Pass

4.2 Test Graph

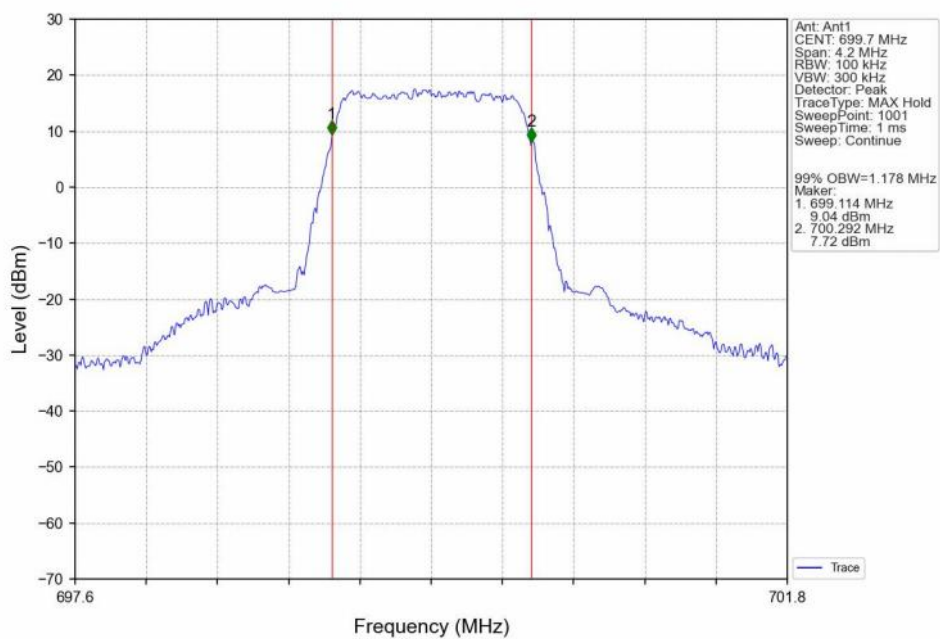
4.2.1 Band12_OBW



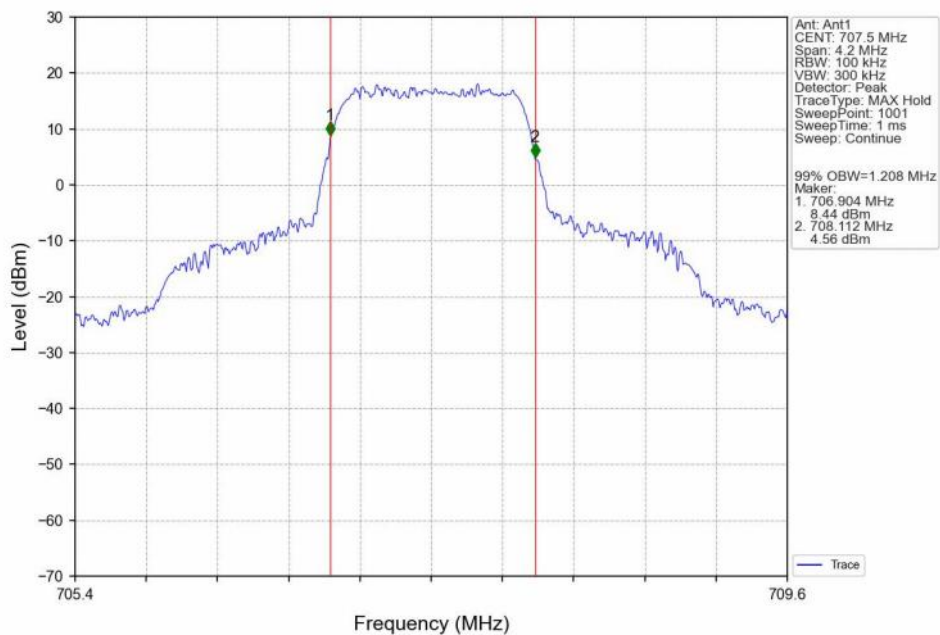
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



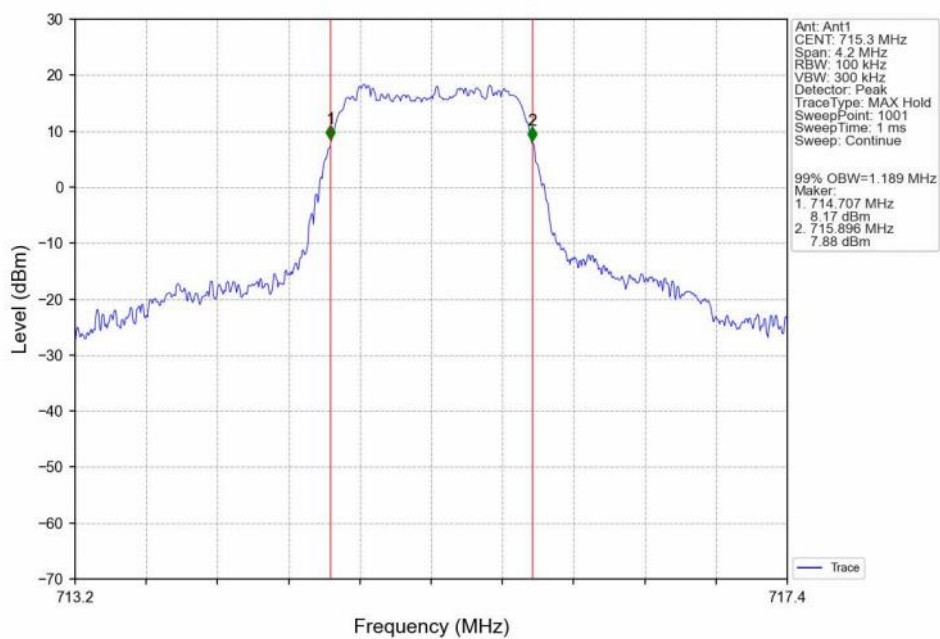
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



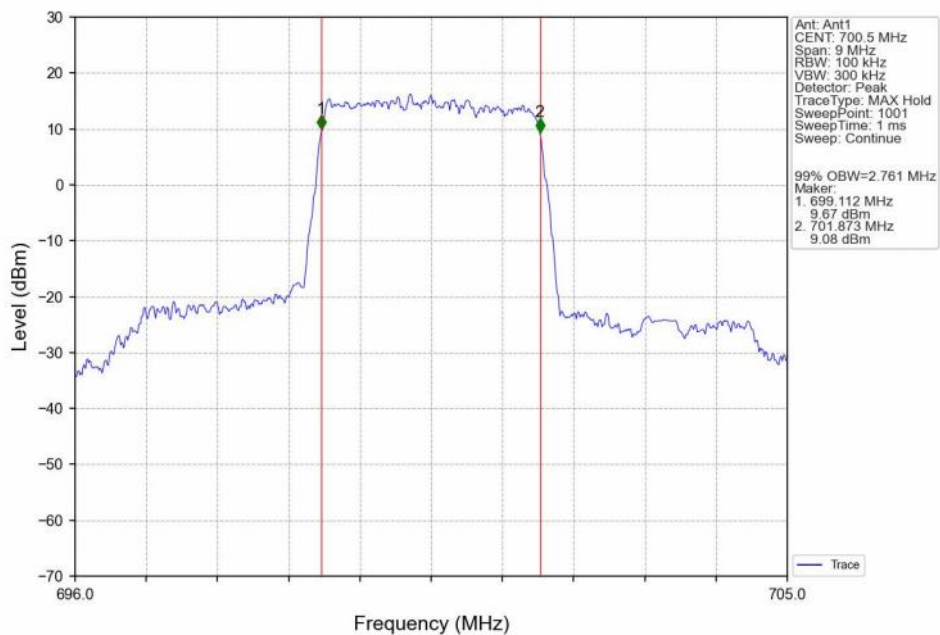
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



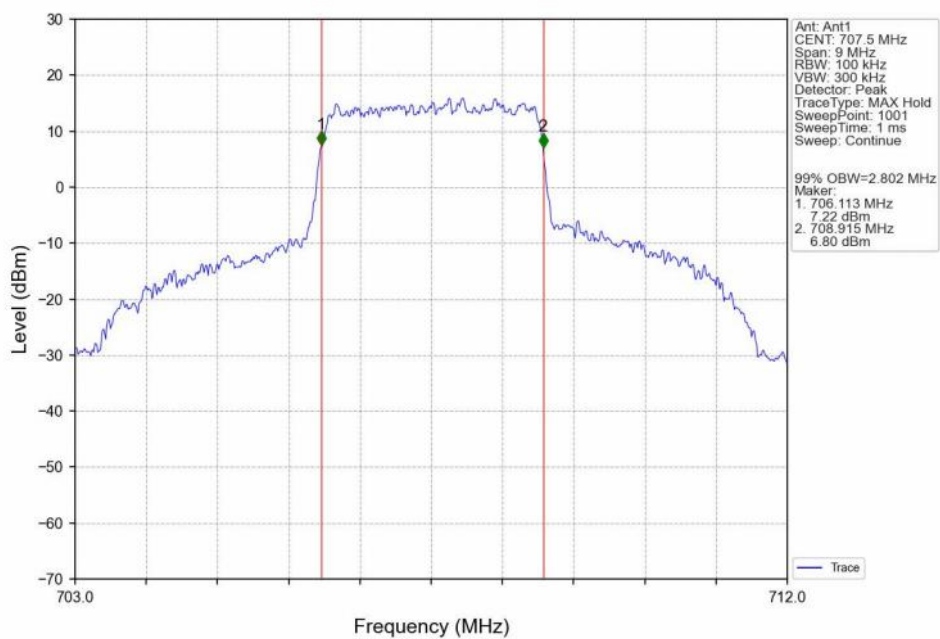
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



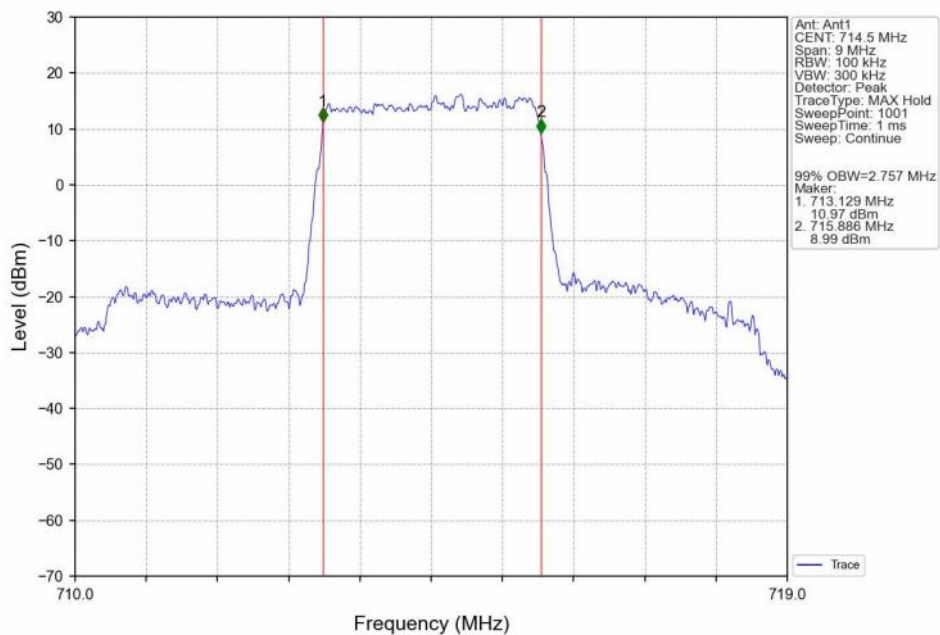
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



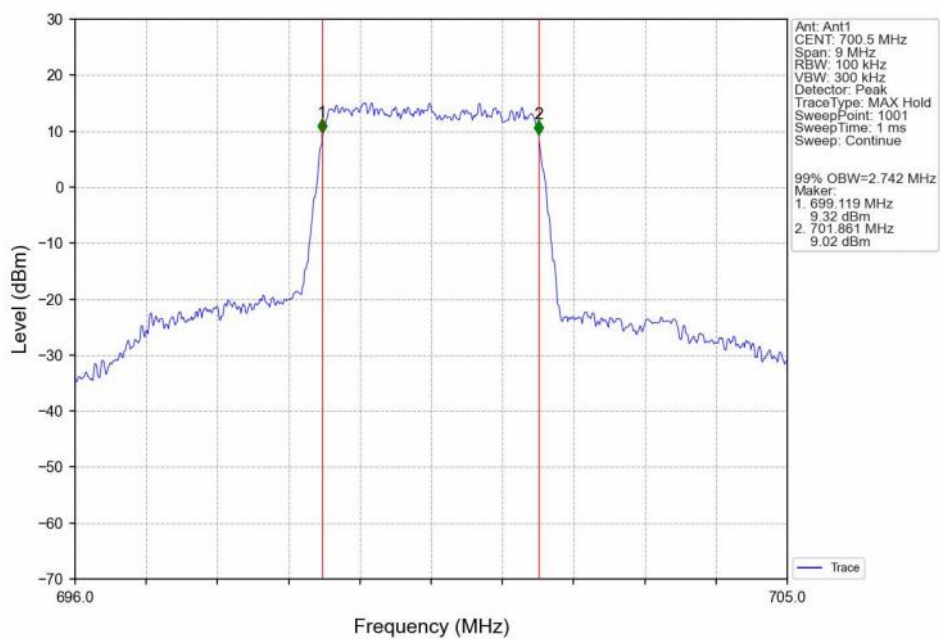
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



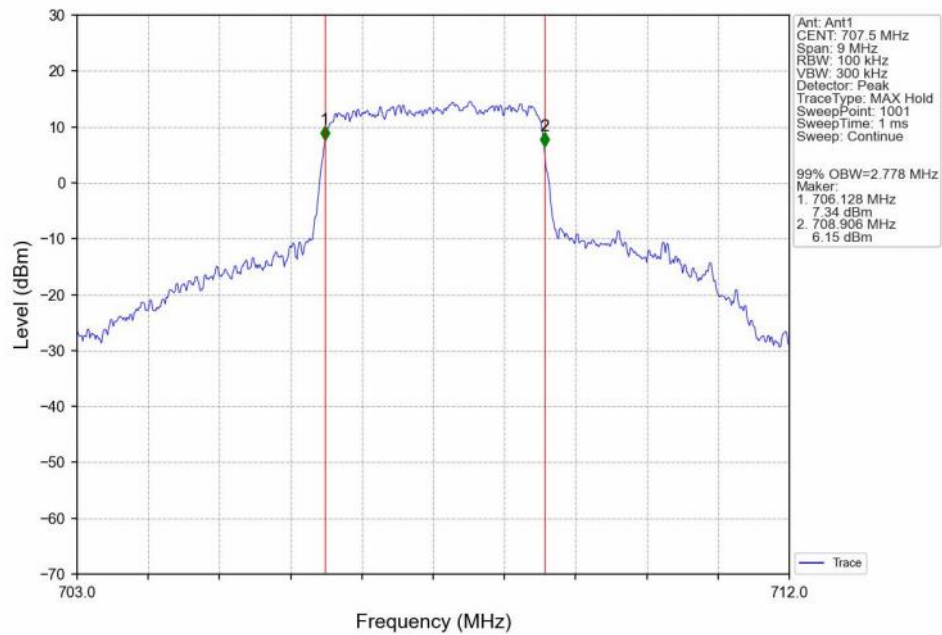
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



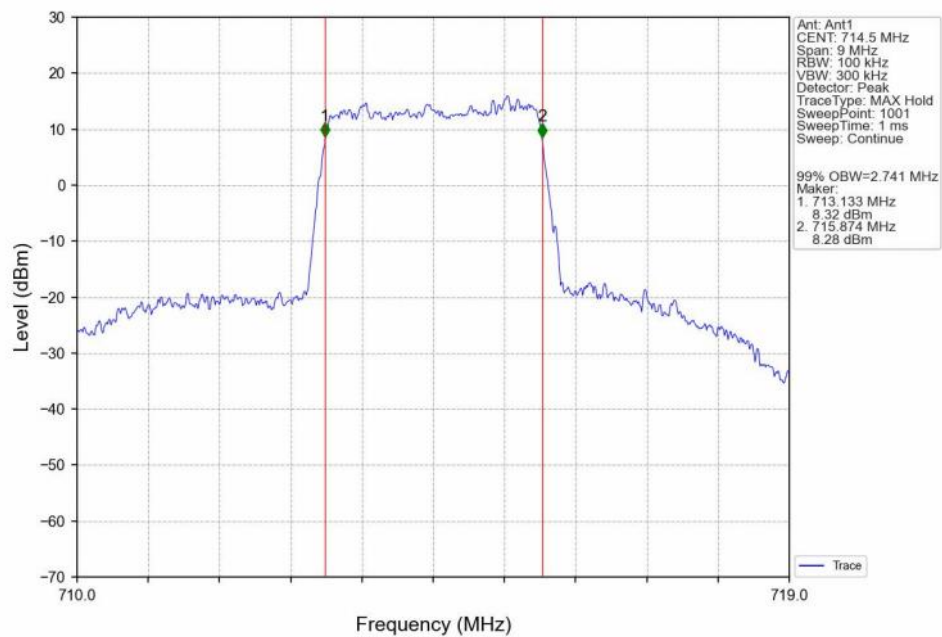
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



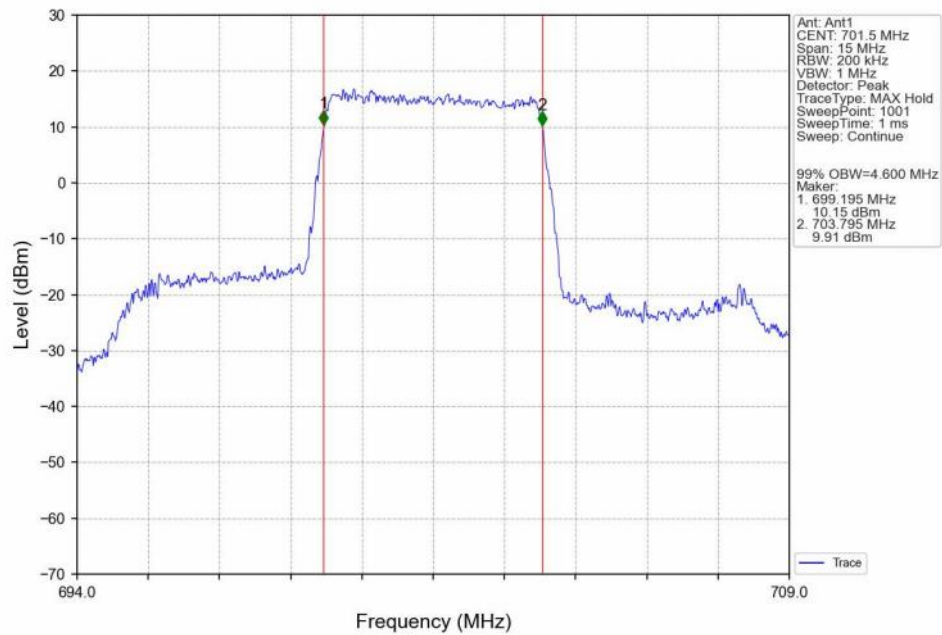
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



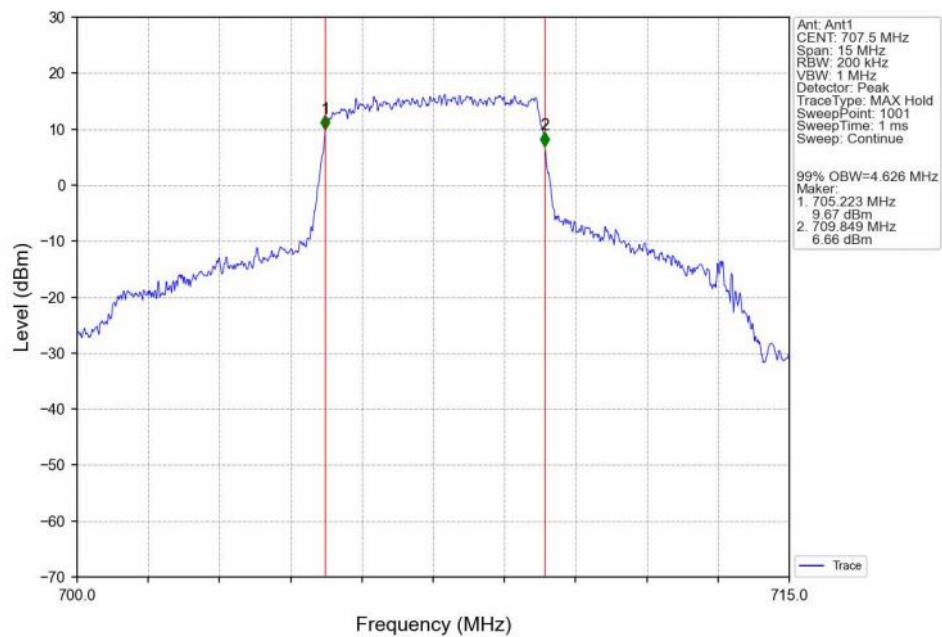
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



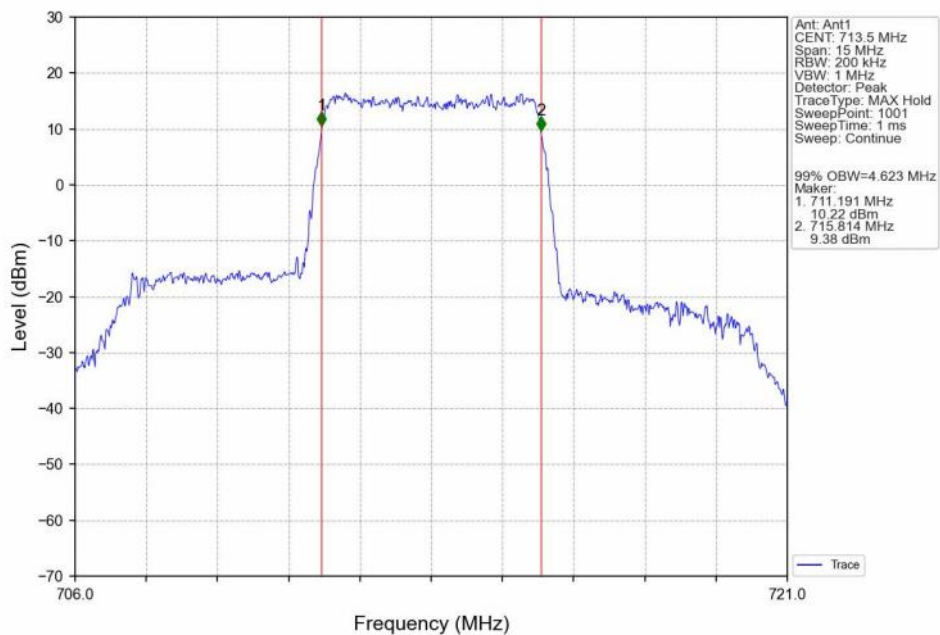
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



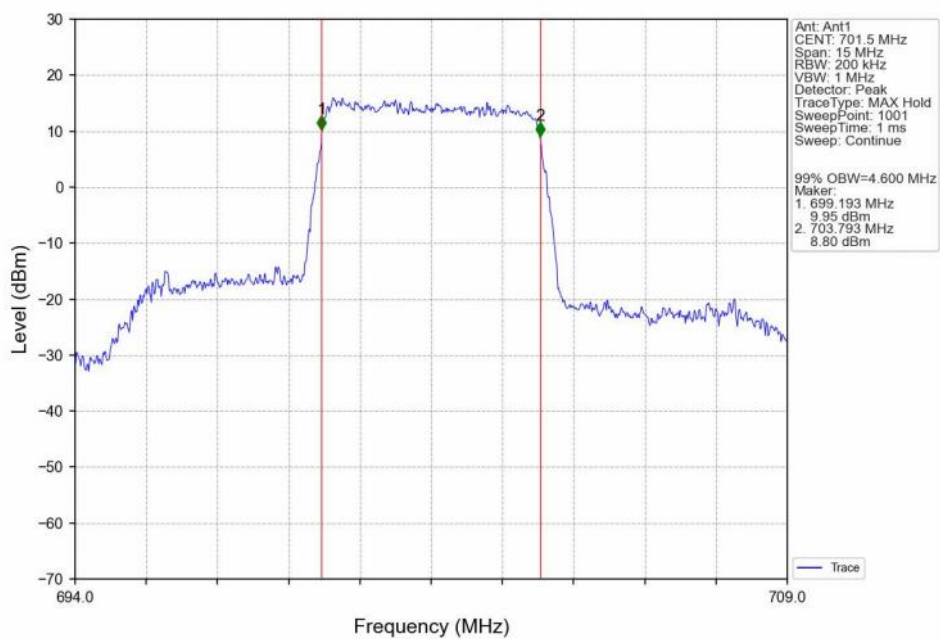
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



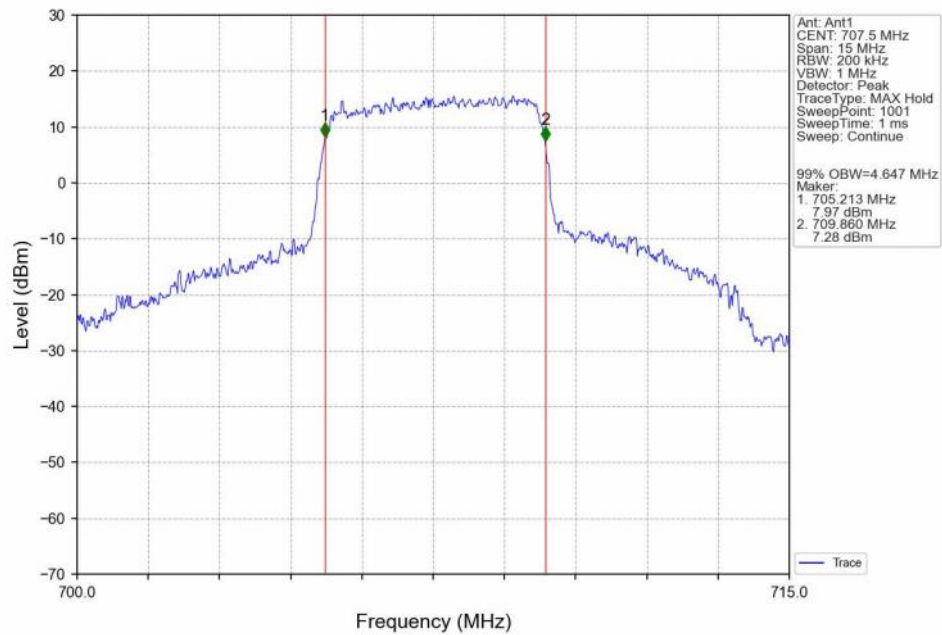
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



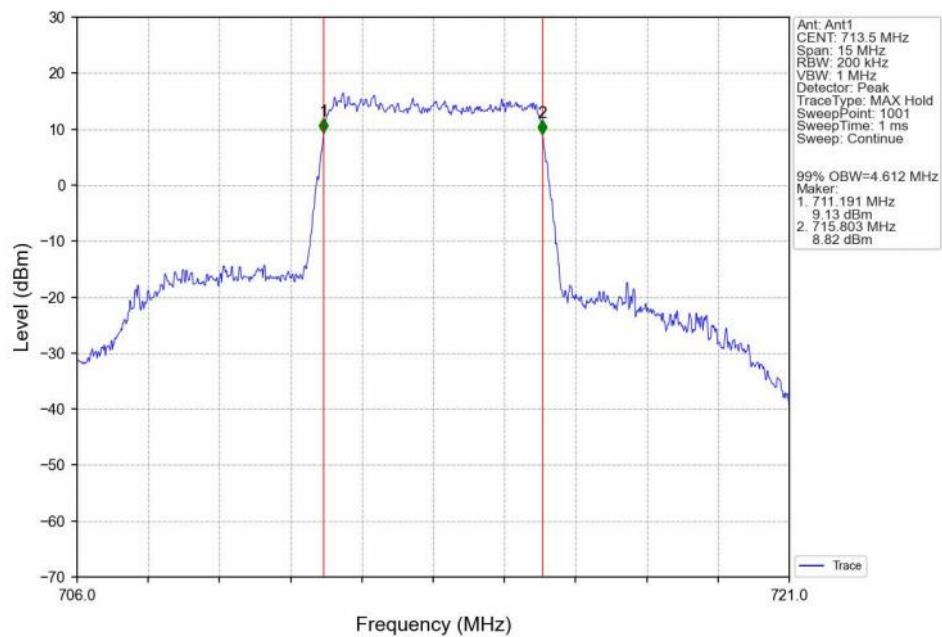
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



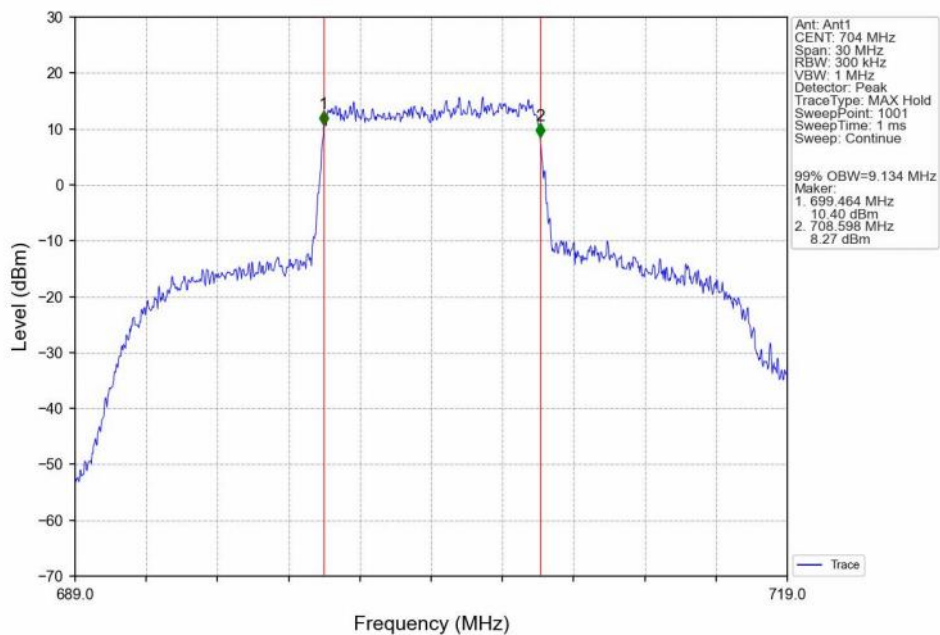
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



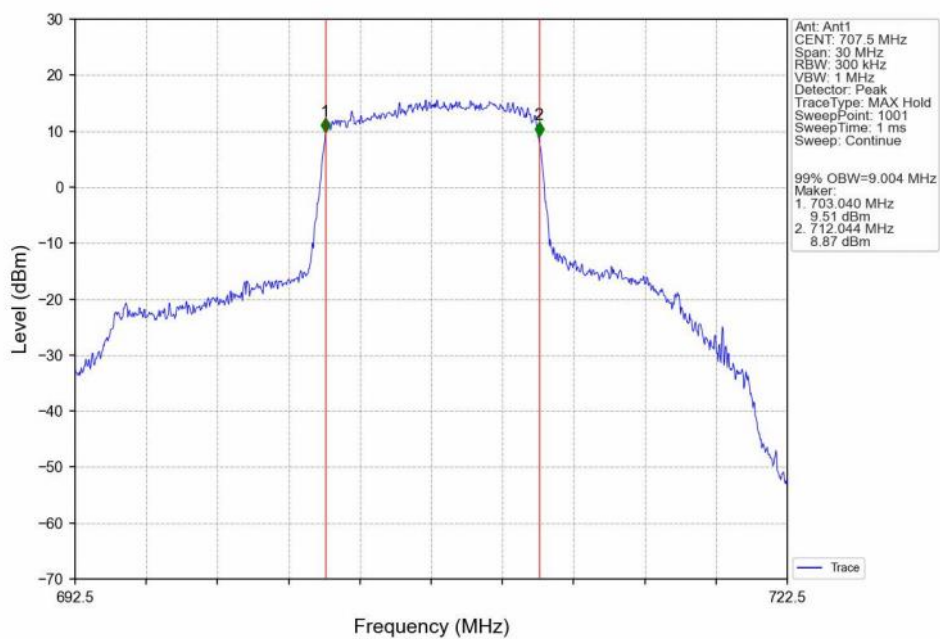
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



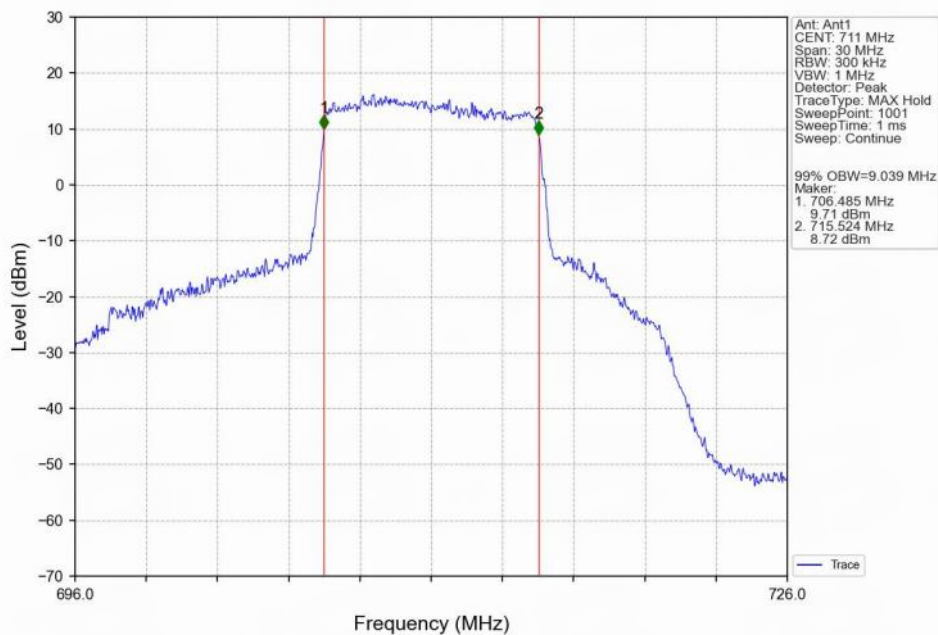
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



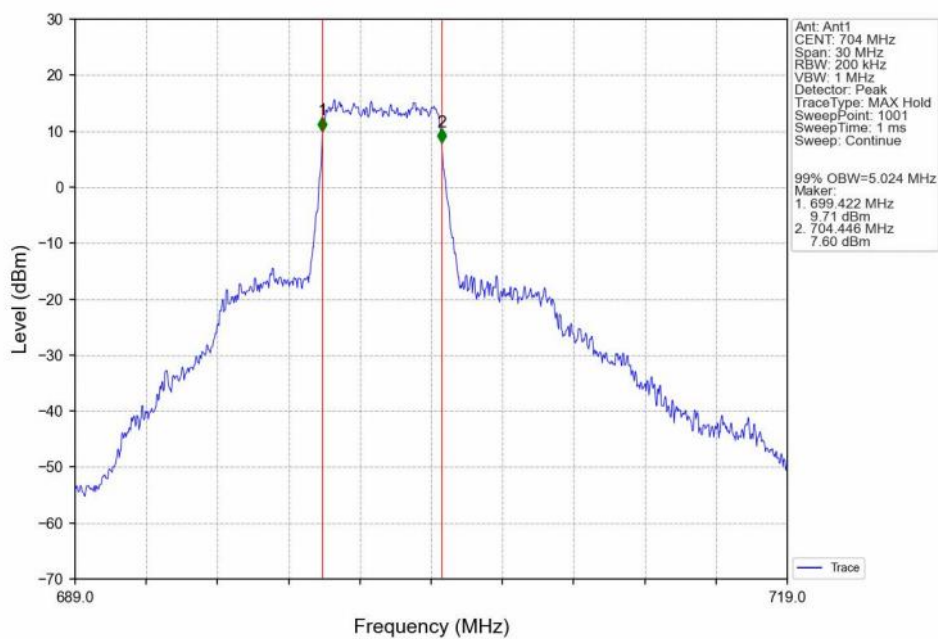
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



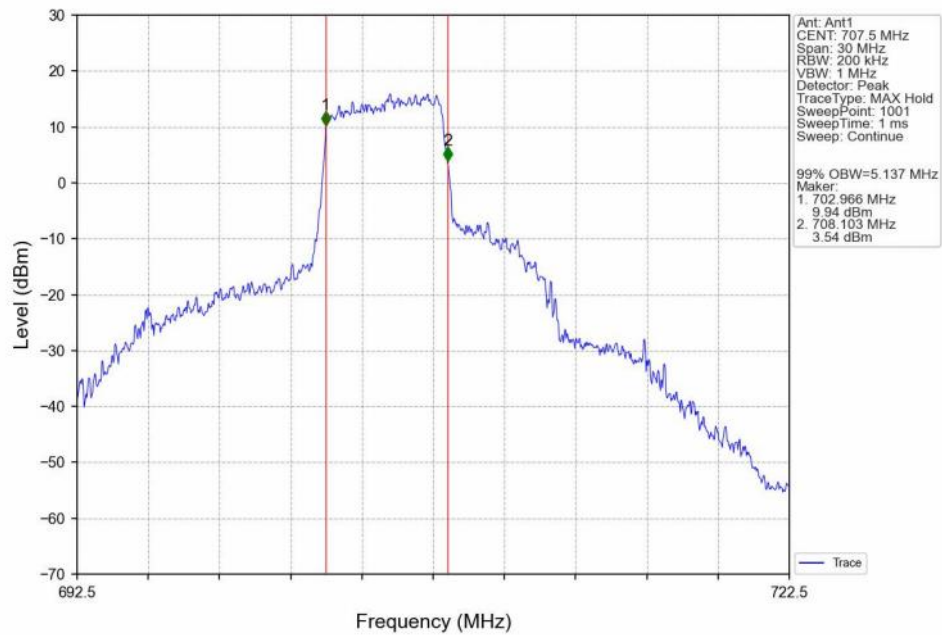
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



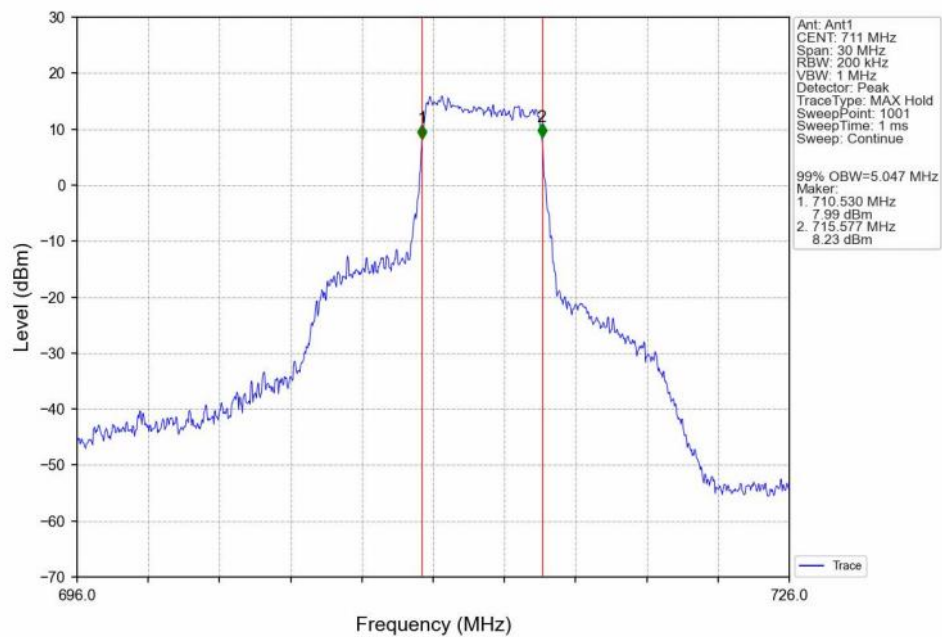
Band12_10MHz_16QAM_LCH_704MHz_RB_27_0_NTNV



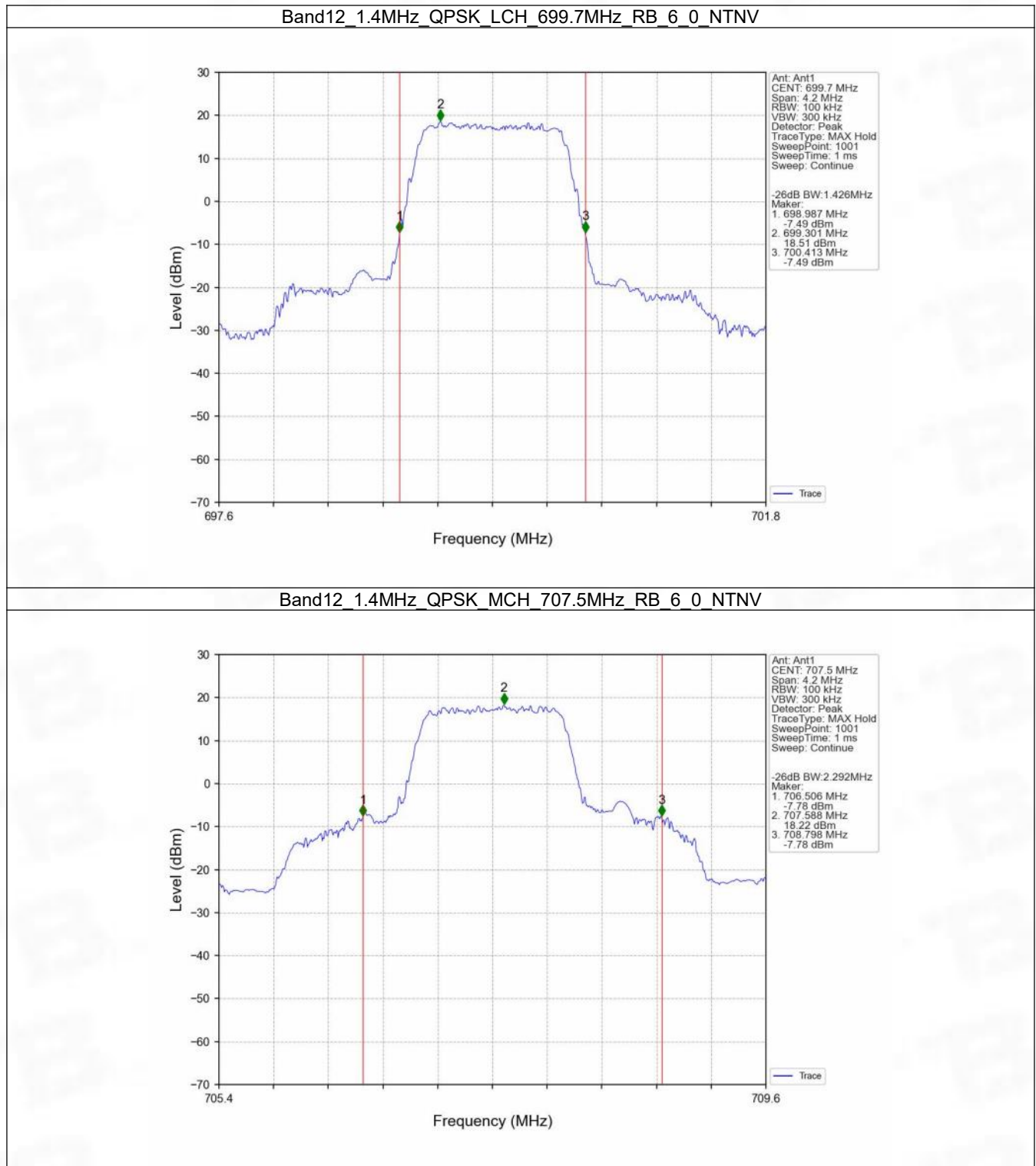
Band12_10MHz_16QAM_MCH_707.5MHz_RB_27_0_NTNV



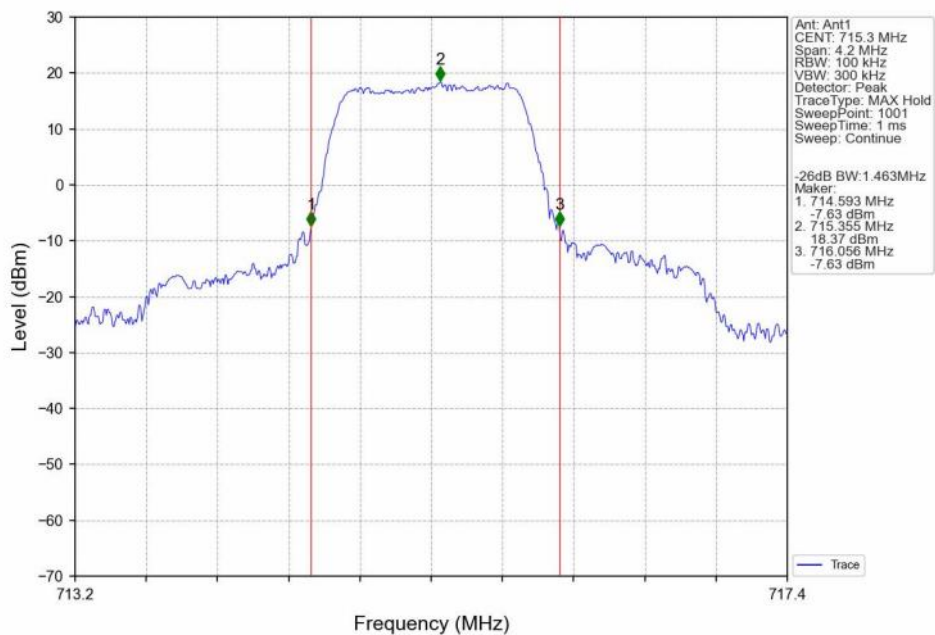
Band12_10MHz_16QAM_HCH_711MHz_RB_27_23_NTNV



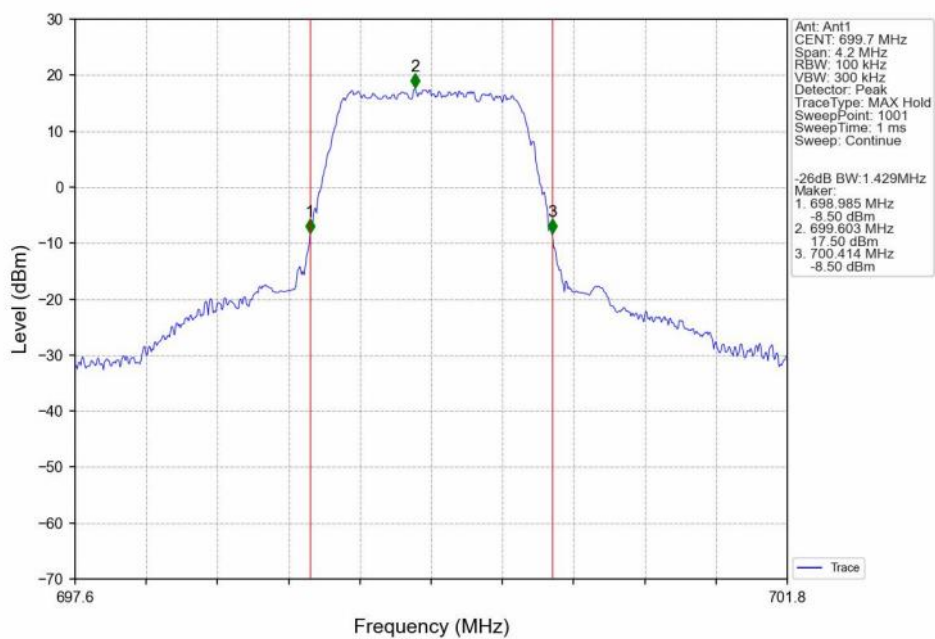
4.2.2 Band12_XDB



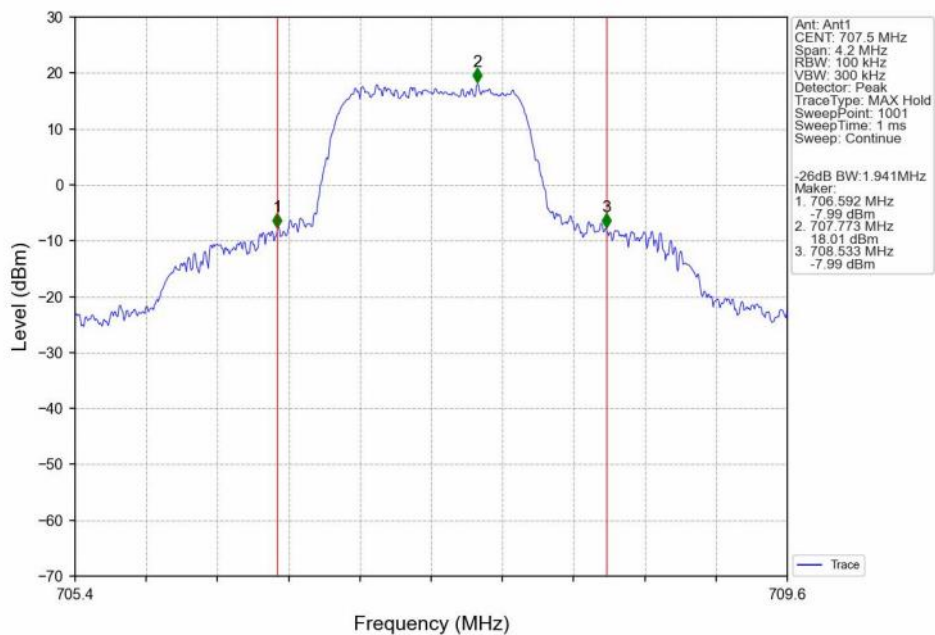
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



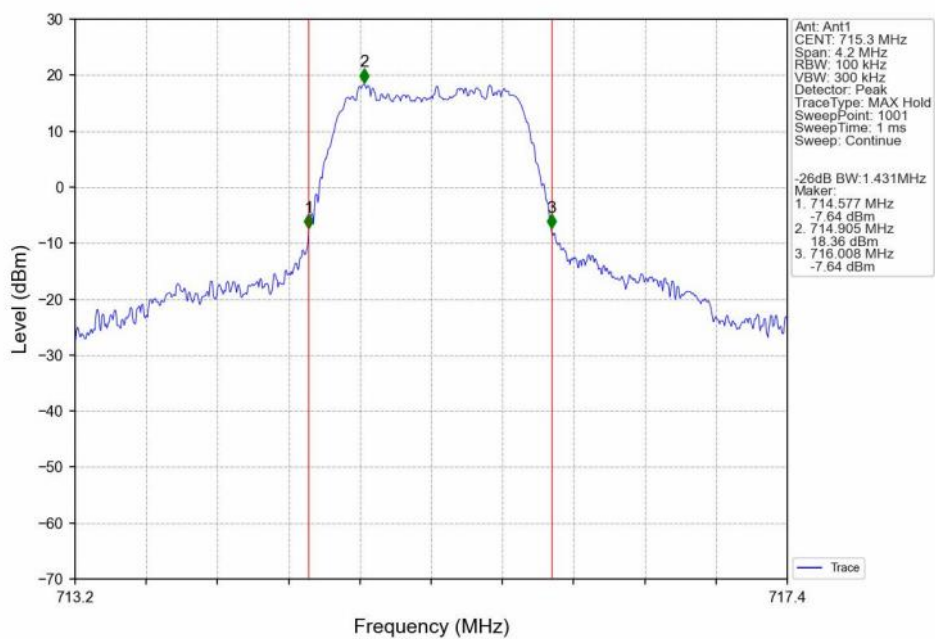
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



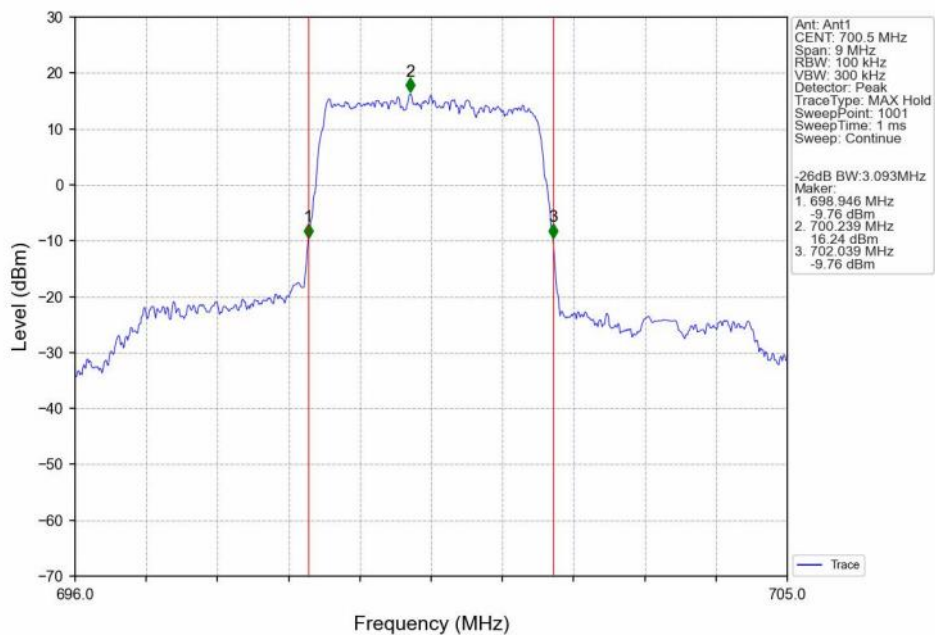
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



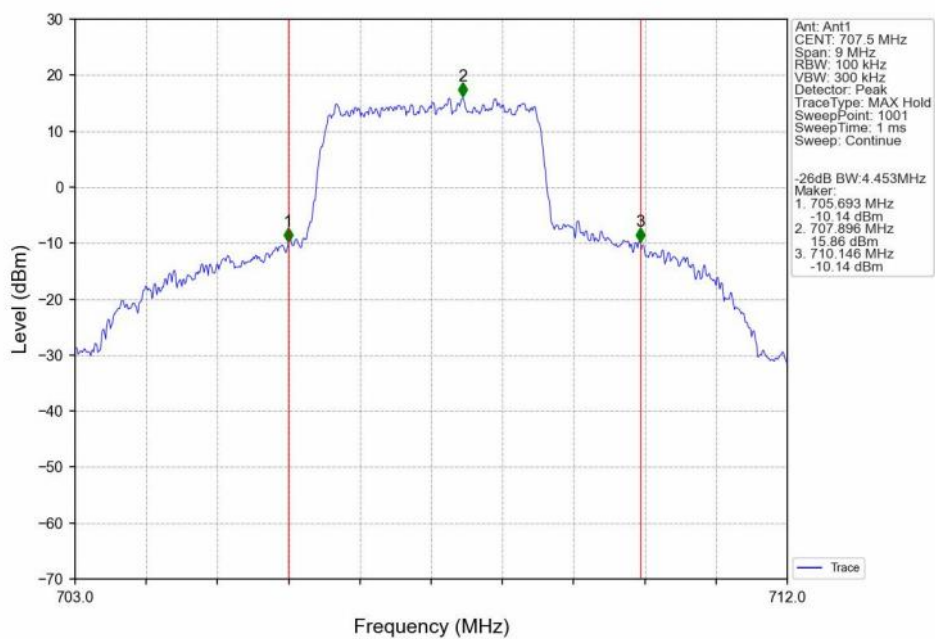
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



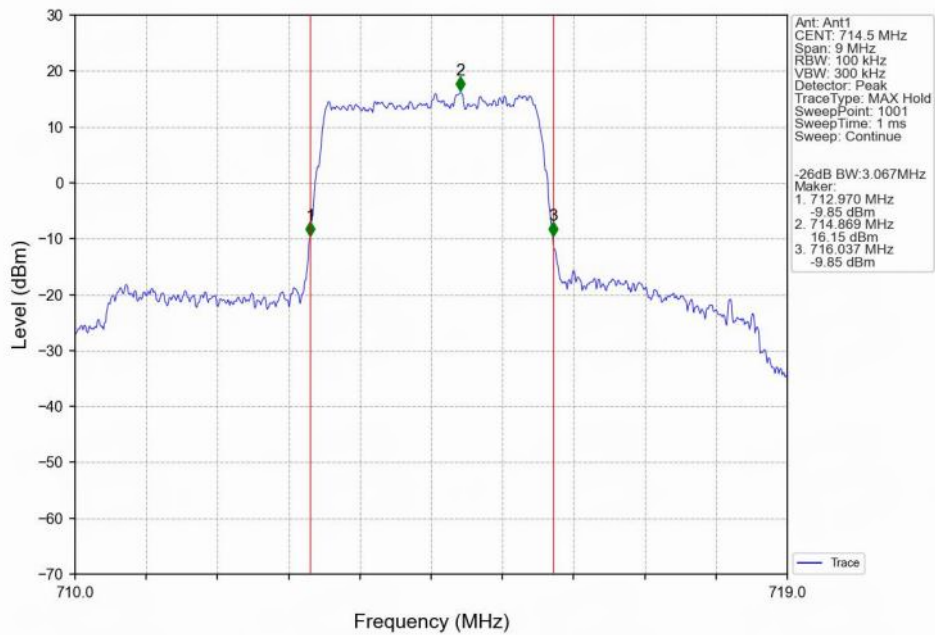
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



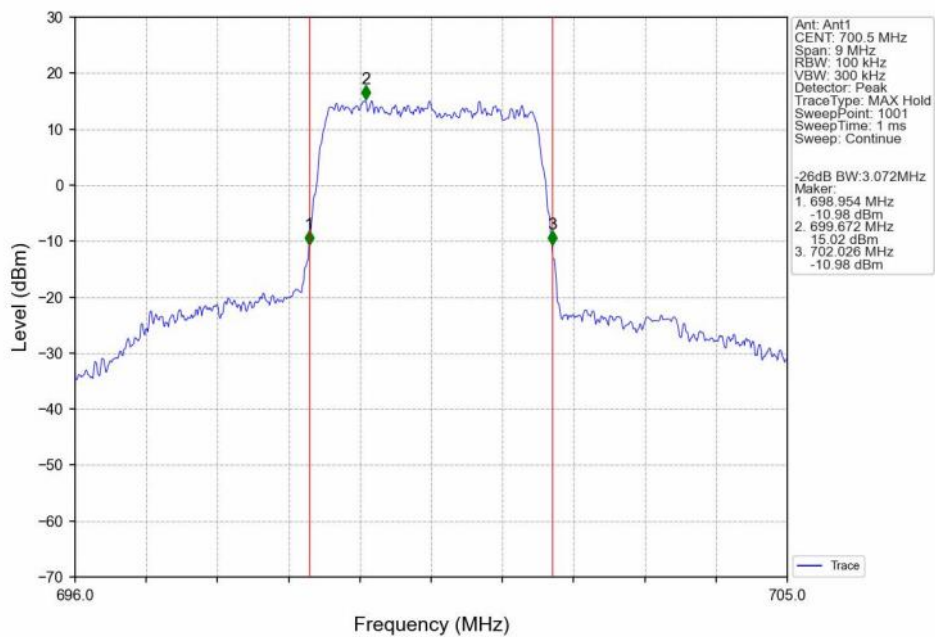
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



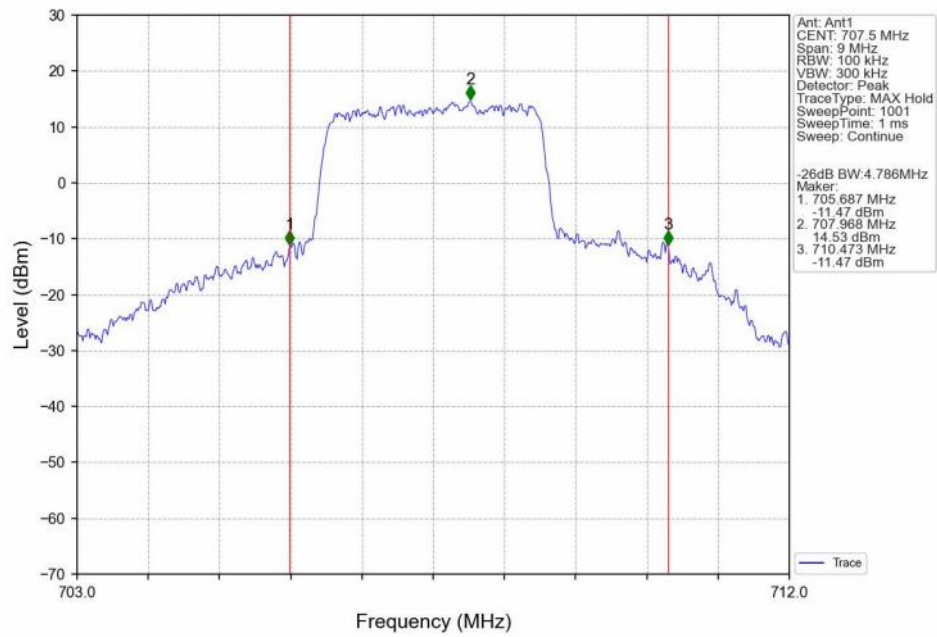
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



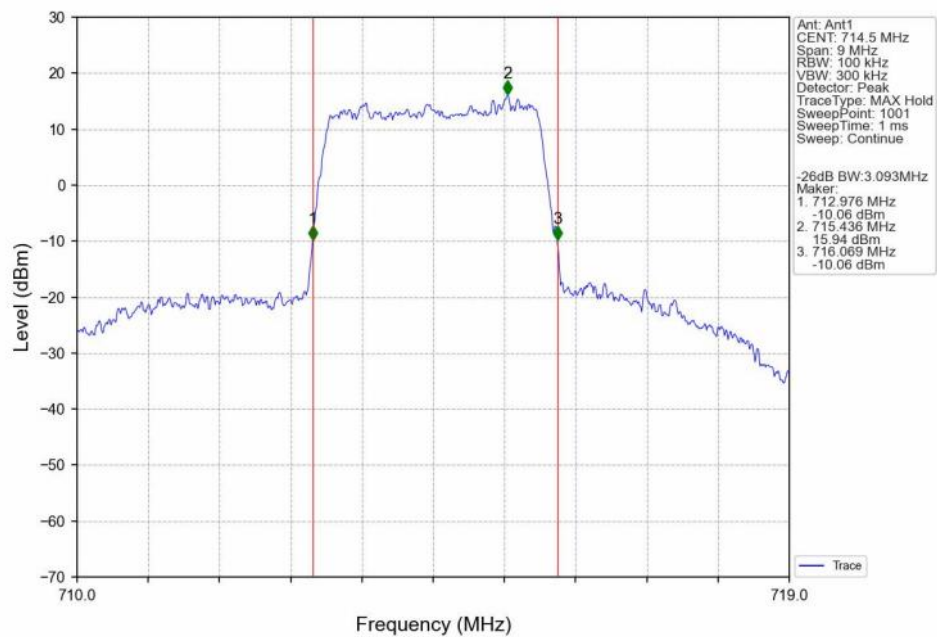
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



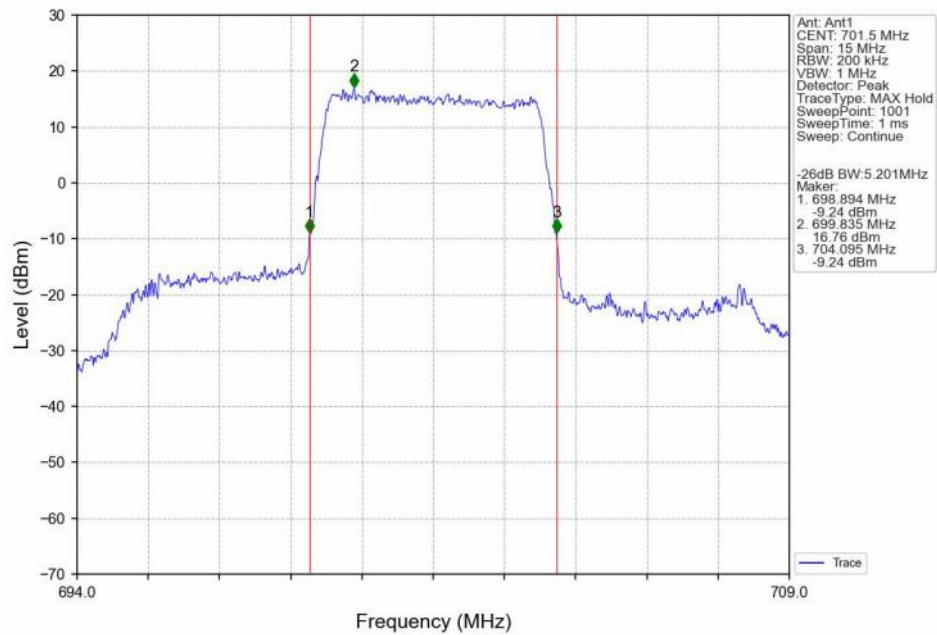
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



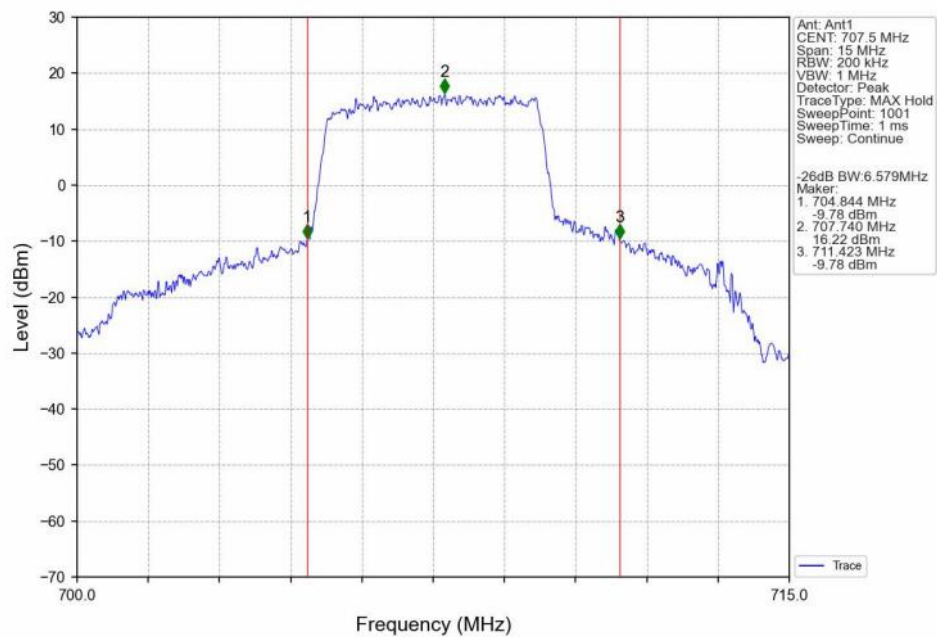
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



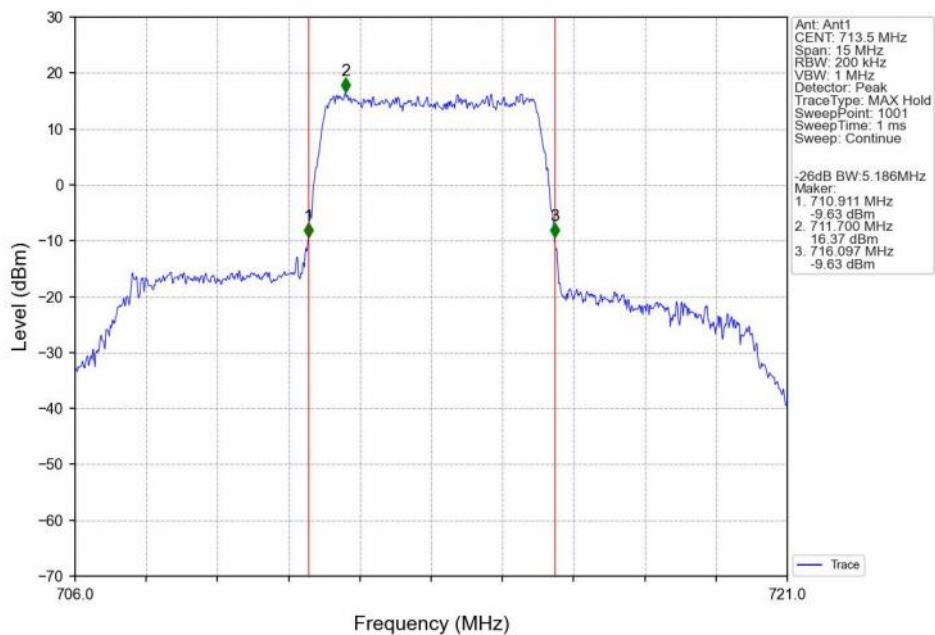
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



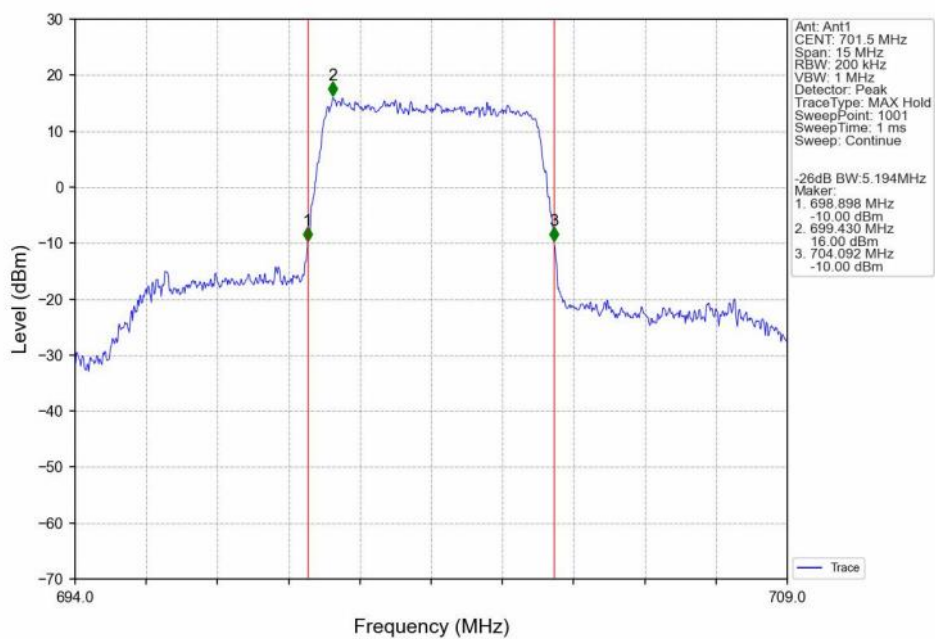
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



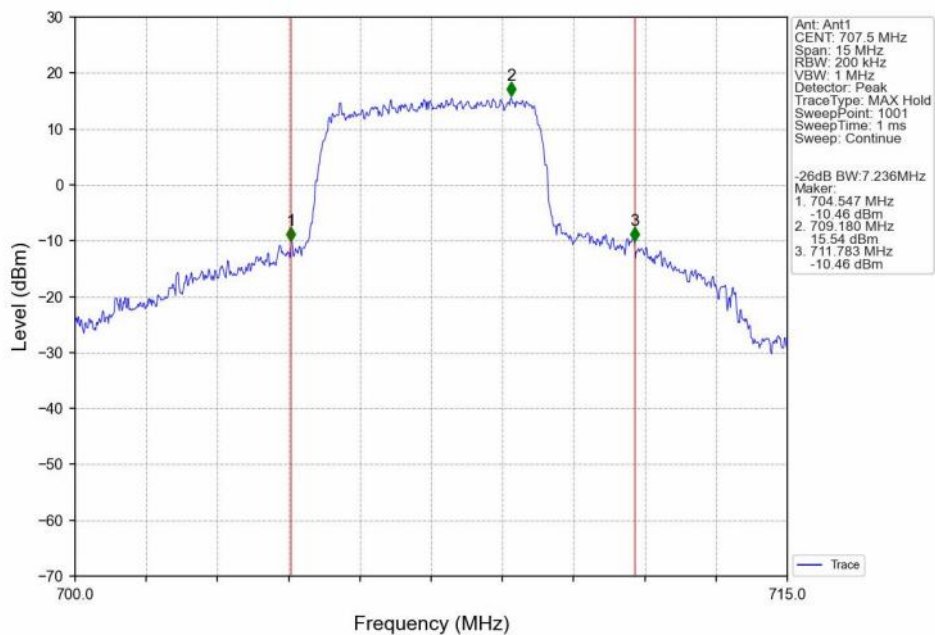
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



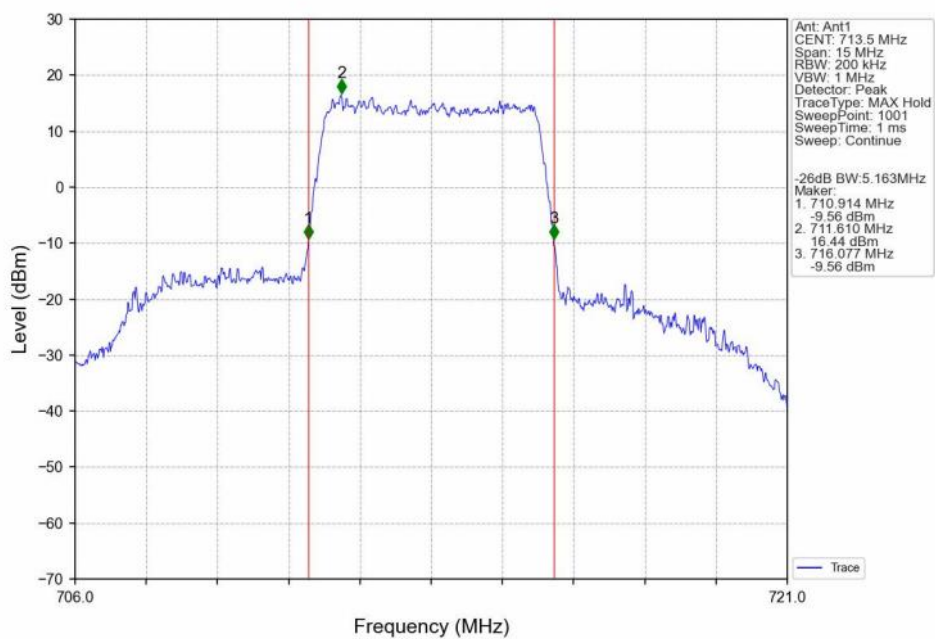
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



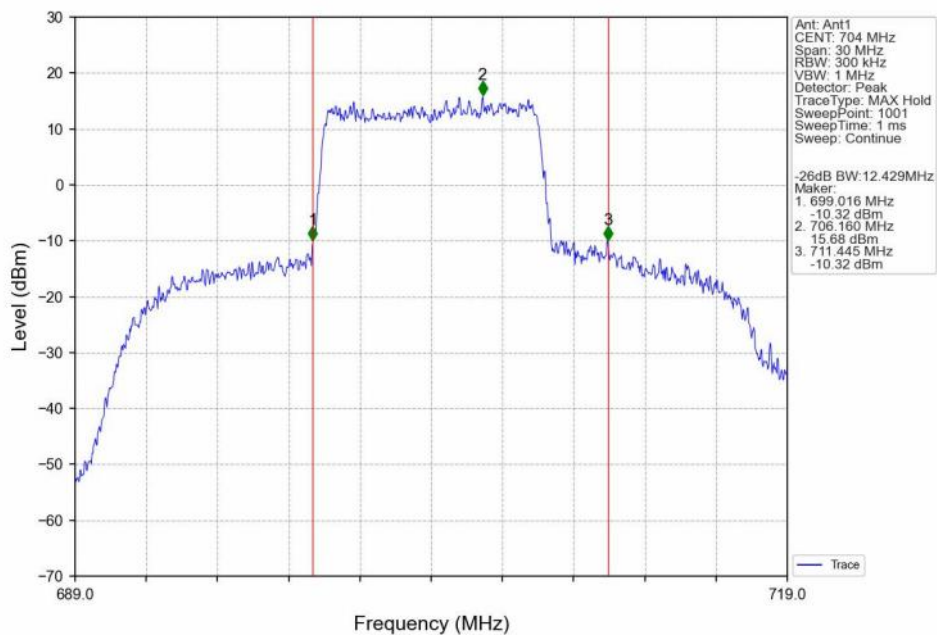
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



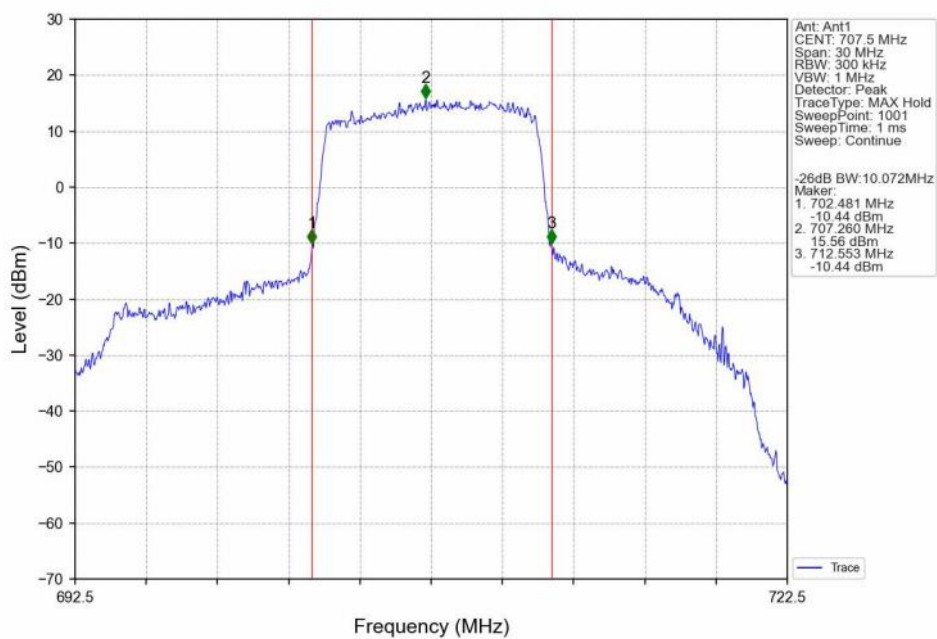
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



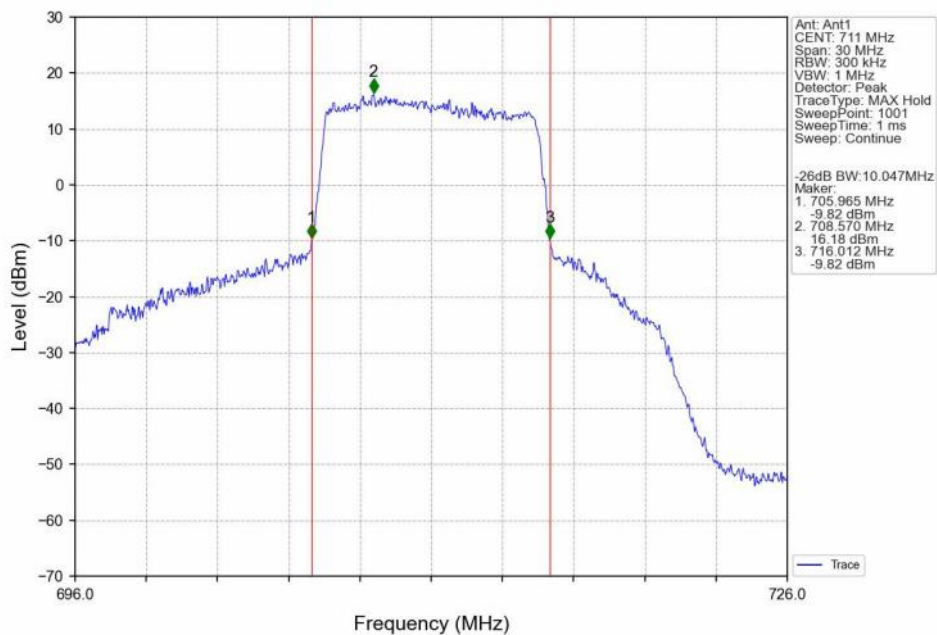
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



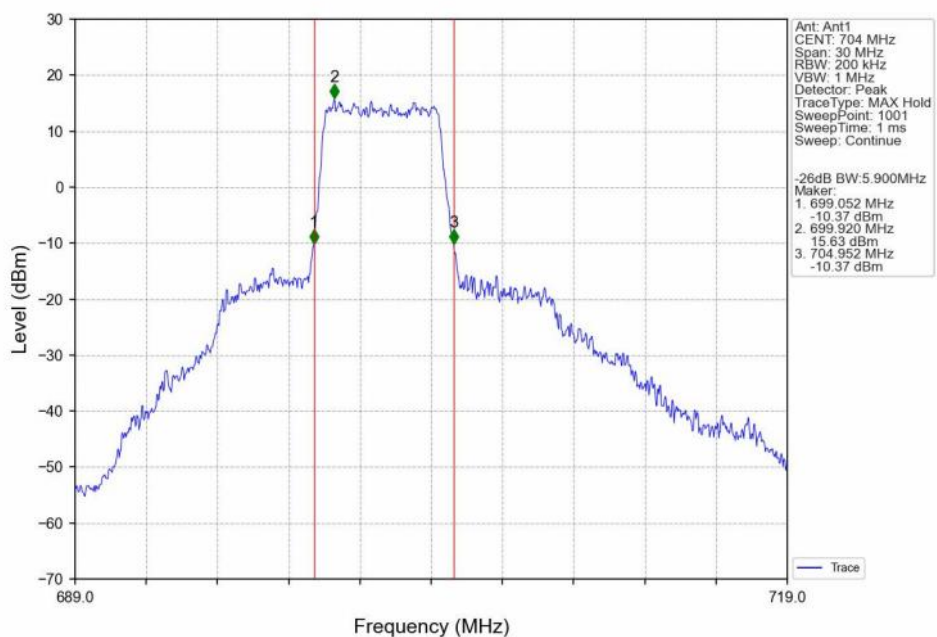
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



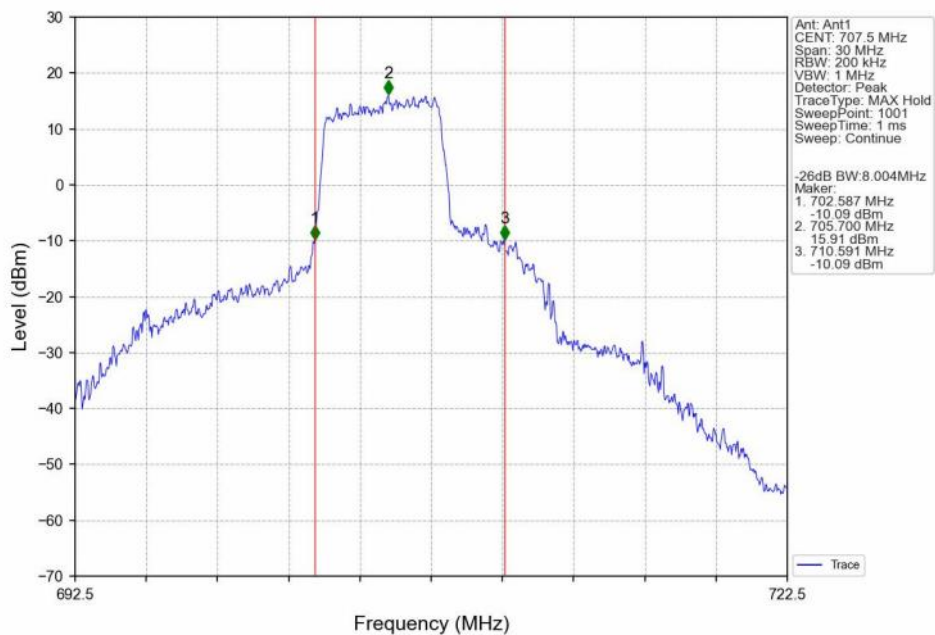
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



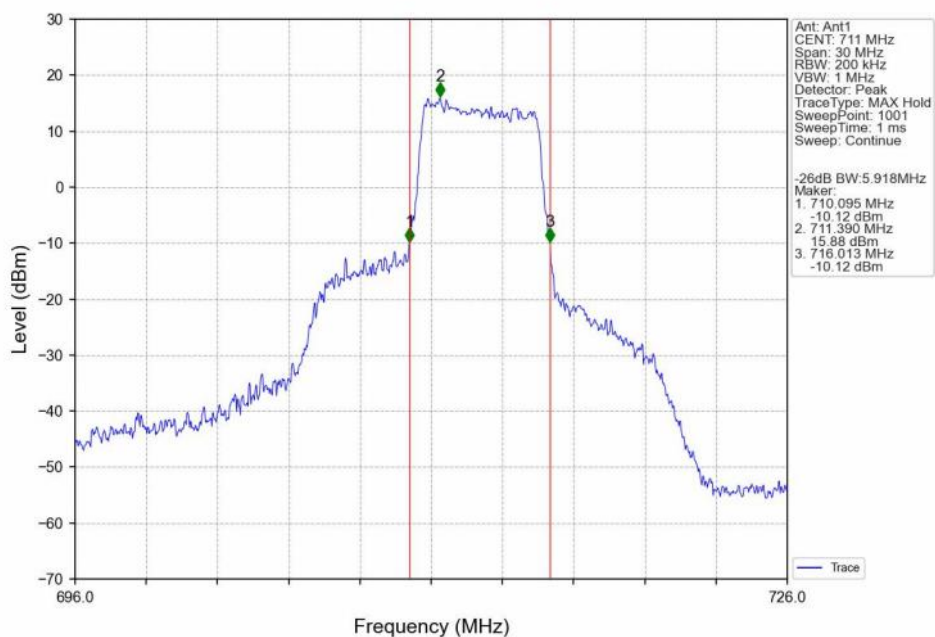
Band12_10MHz_16QAM_LCH_704MHz_RB_27_0_NTNV



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	4.66	<=13	Pass
	707.5	6	0	4.75	<=13	Pass
	715.3	6	0	4.62	<=13	Pass
16QAM	699.7	6	0	5.50	<=13	Pass
	707.5	6	0	5.68	<=13	Pass
	715.3	6	0	5.56	<=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	5.12	<=13	Pass
	707.5	15	0	5.00	<=13	Pass
	714.5	15	0	4.58	<=13	Pass
16QAM	700.5	15	0	5.95	<=13	Pass
	707.5	15	0	5.81	<=13	Pass
	714.5	15	0	5.60	<=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	5.23	<=13	Pass
	707.5	25	0	5.06	<=13	Pass
	713.5	25	0	5.14	<=13	Pass
16QAM	701.5	25	0	6.06	<=13	Pass
	707.5	25	0	5.83	<=13	Pass
	713.5	25	0	5.99	<=13	Pass

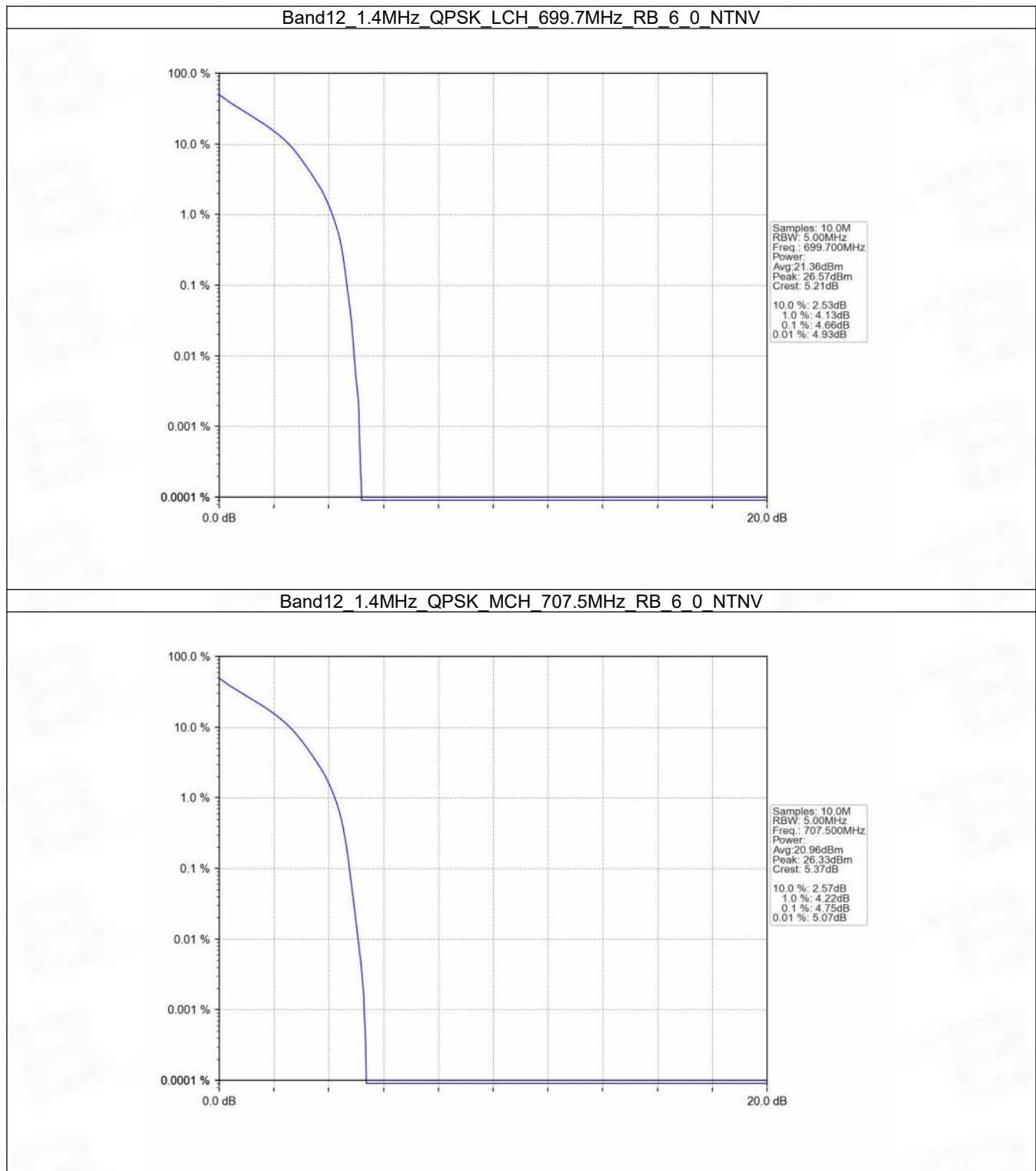
5.1.4 B12_10MHz

Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	704	50	0	4.73	<=13	Pass
	707.5	50	0	4.39	<=13	Pass
	711	50	0	4.55	<=13	Pass
16QAM	704	27	0	5.84	<=13	Pass
	707.5	27	0	4.34	<=13	Pass

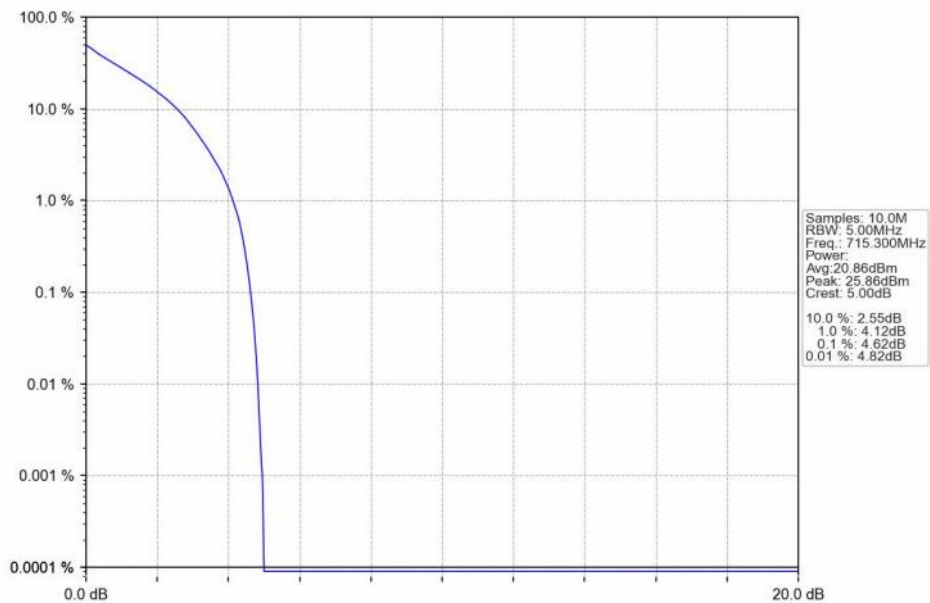
	711	27	23	5.71	<=13	Pass
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5.2 Test Graph

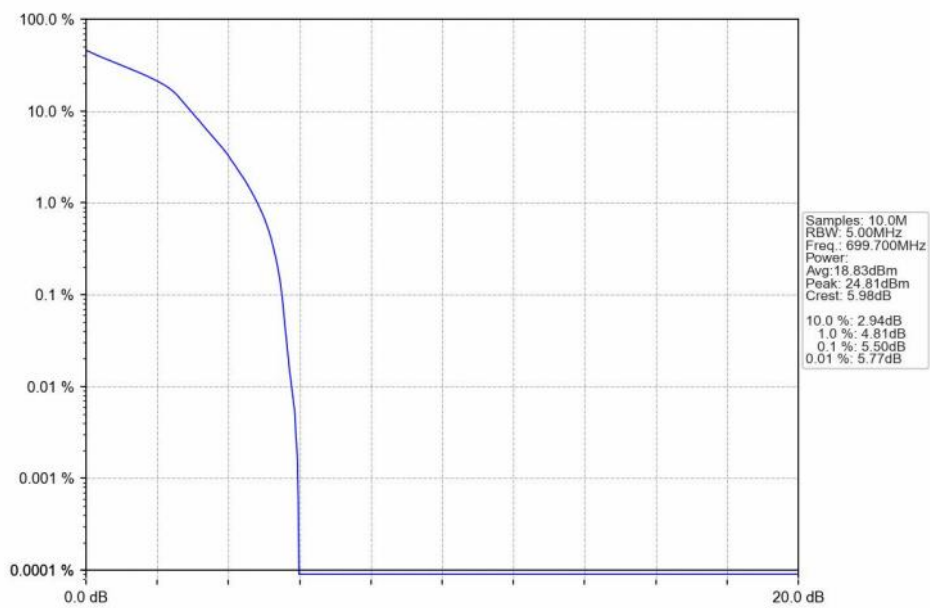
5.2.1 B12_1.4MHz



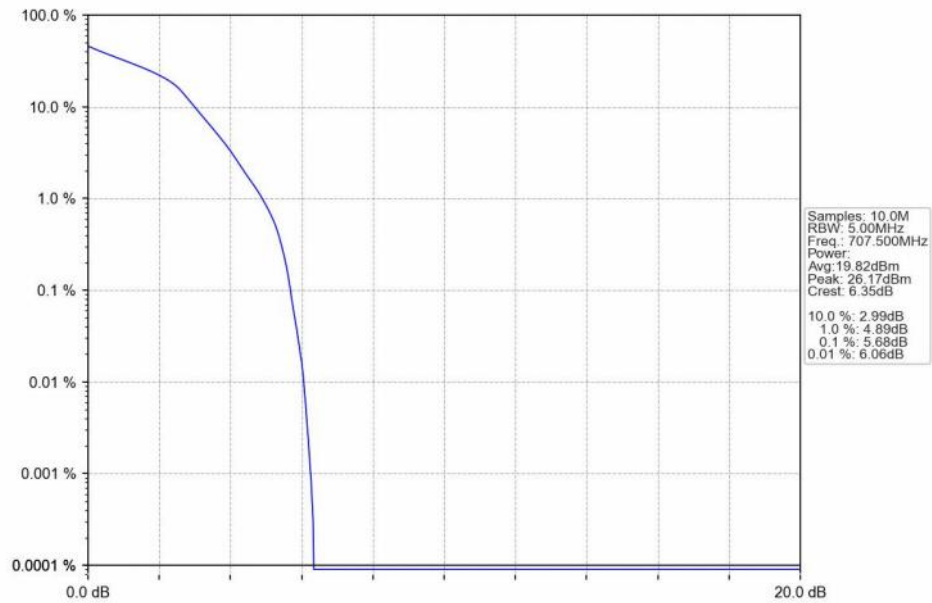
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



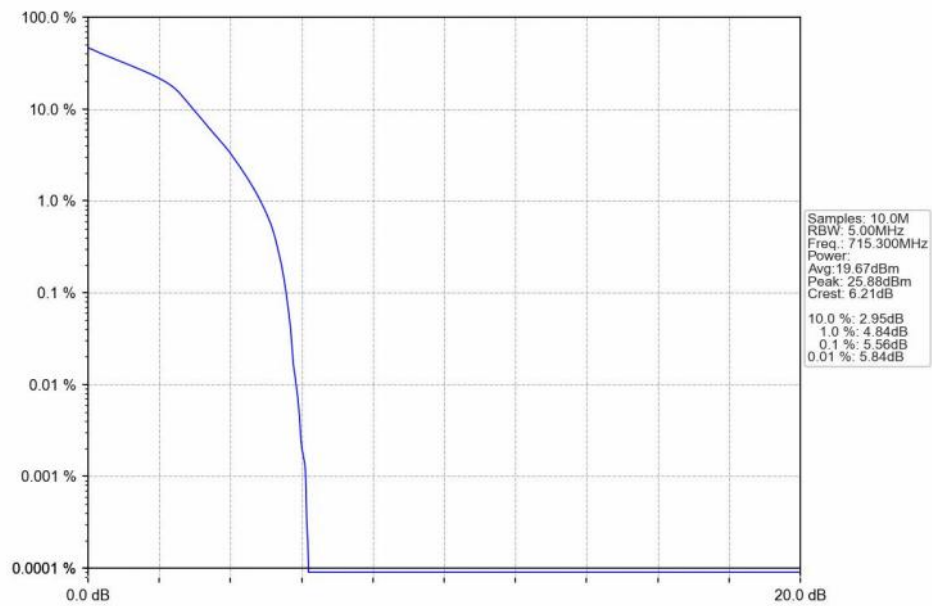
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV

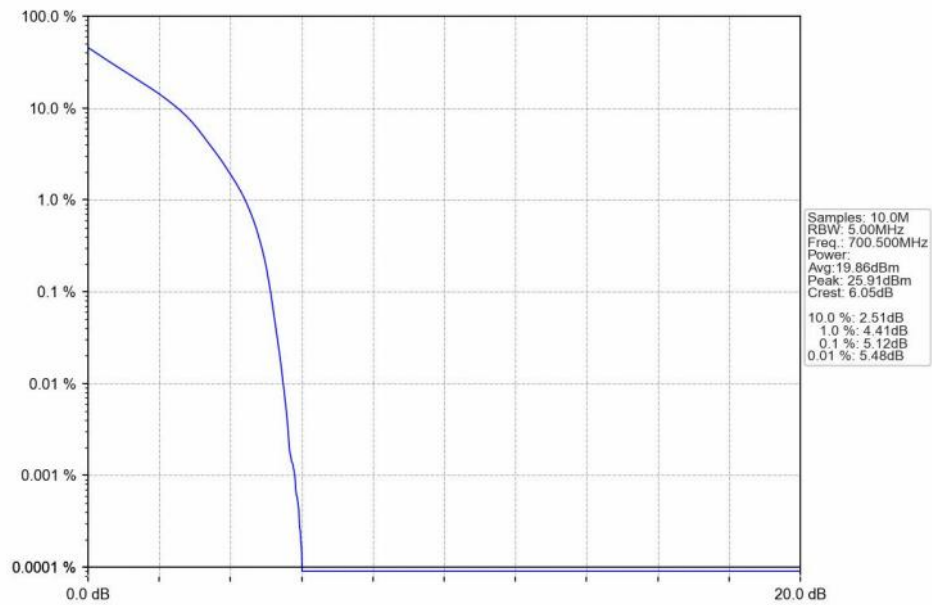


Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV

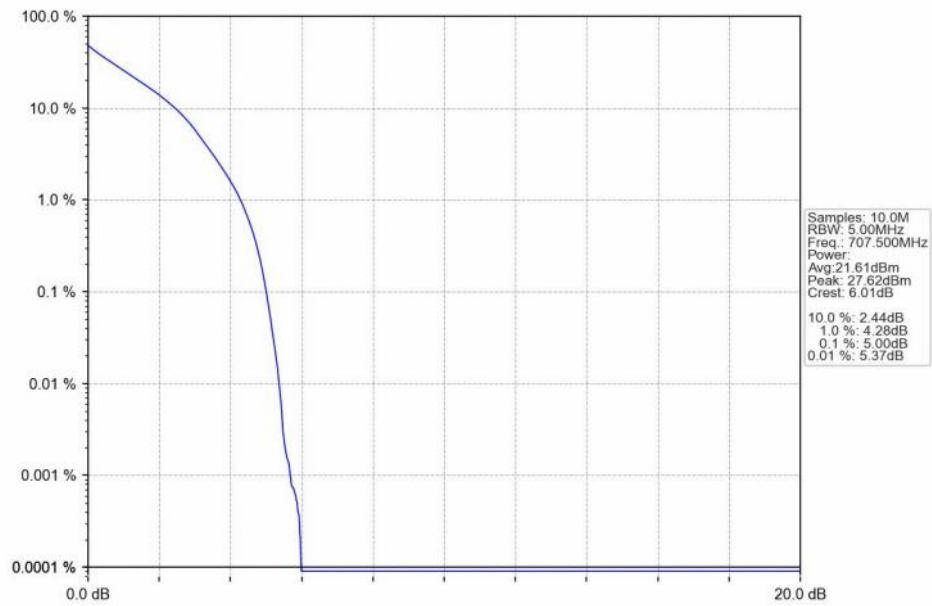


5.2.2 B12_3MHz

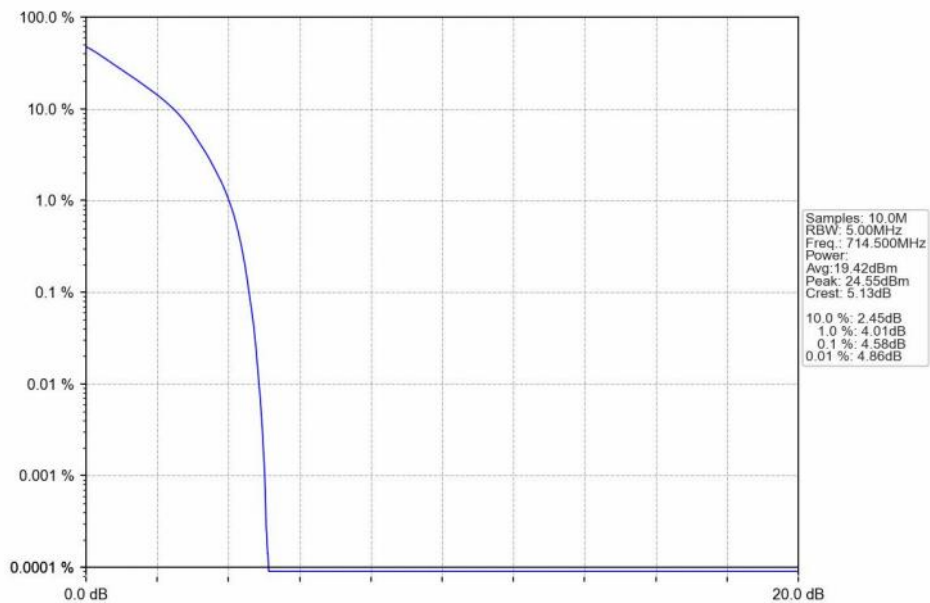
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



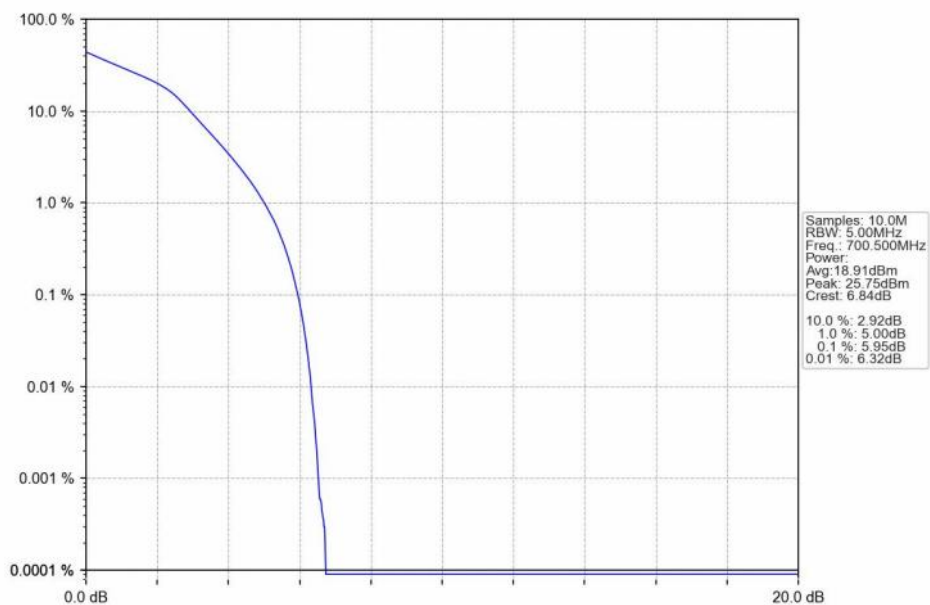
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



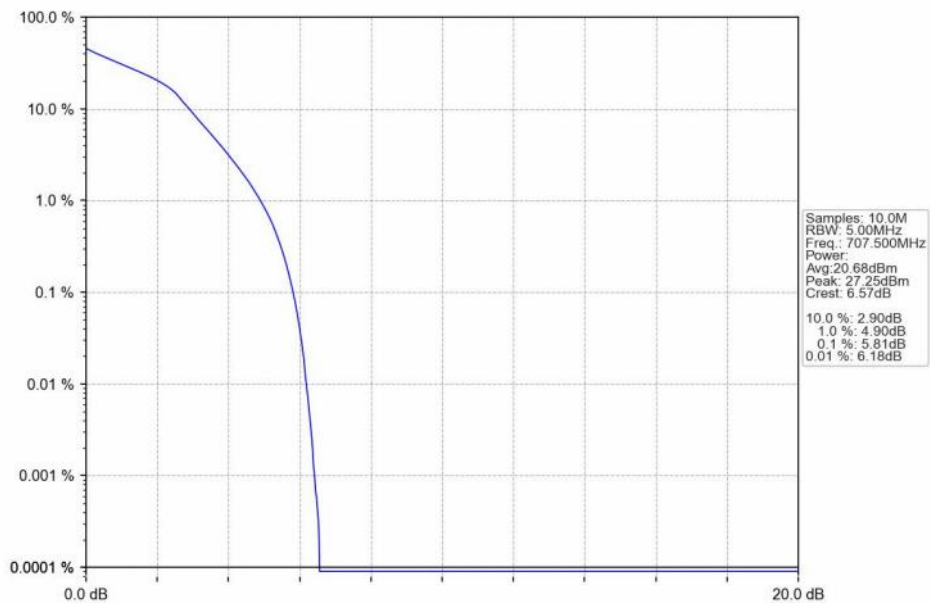
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



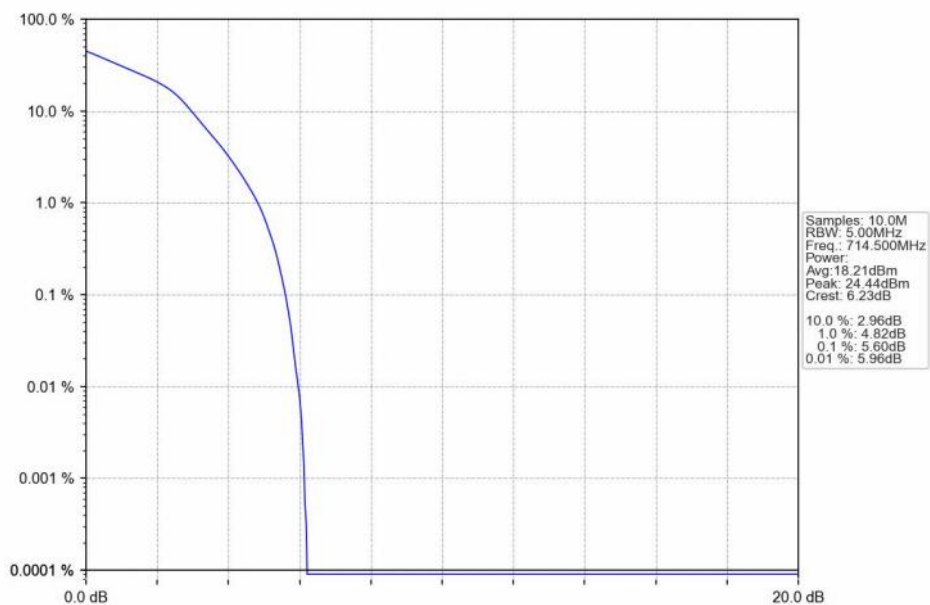
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV

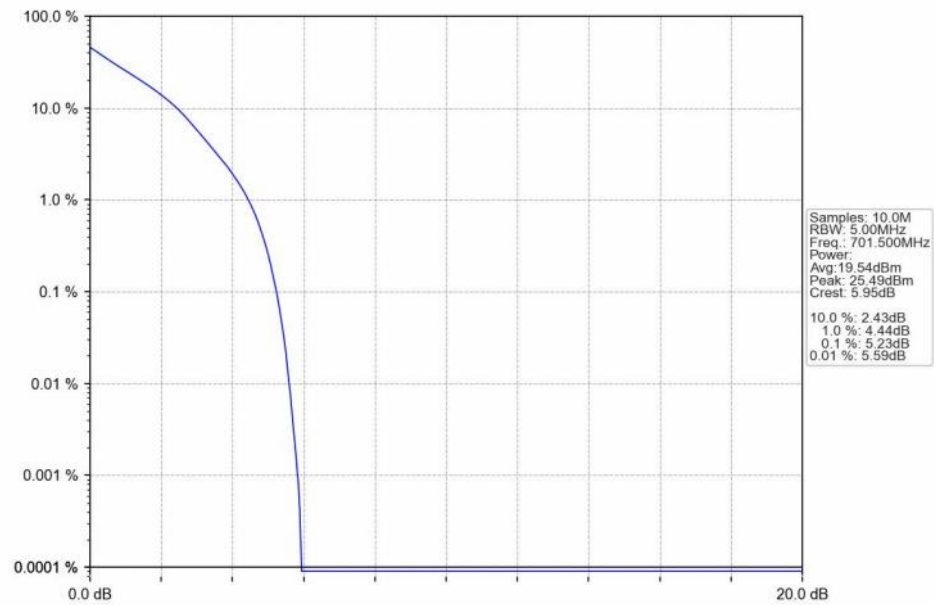


Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV

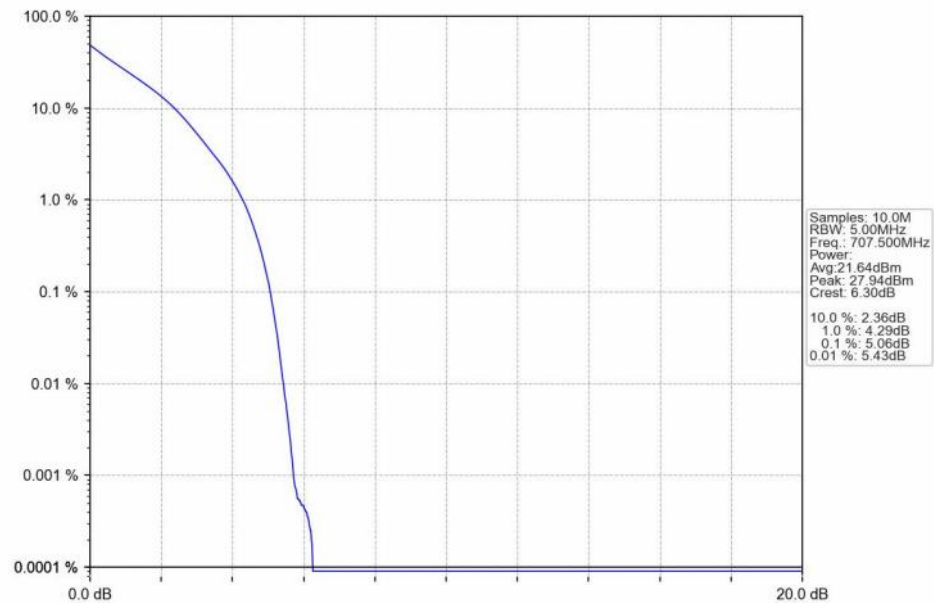


5.2.3 B12_5MHz

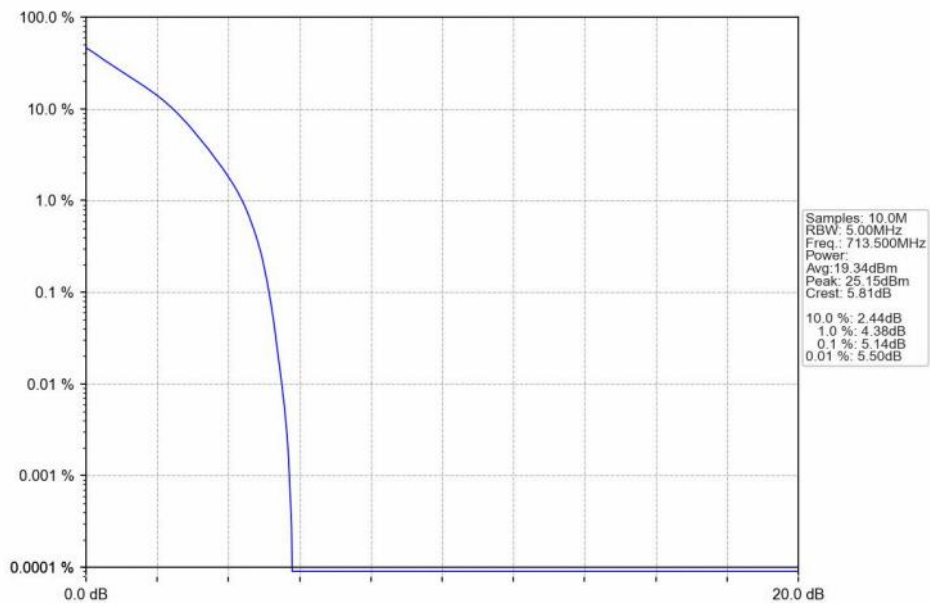
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



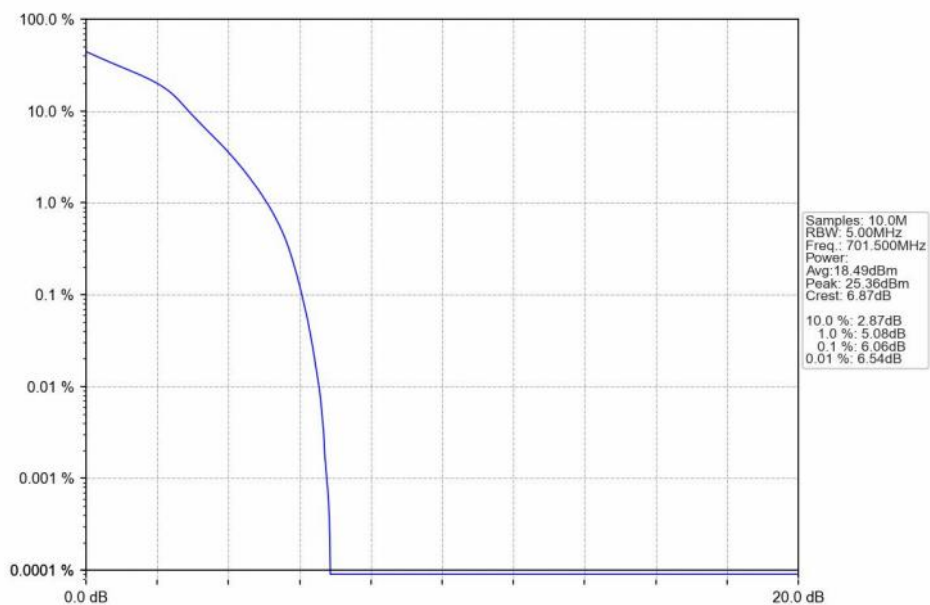
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



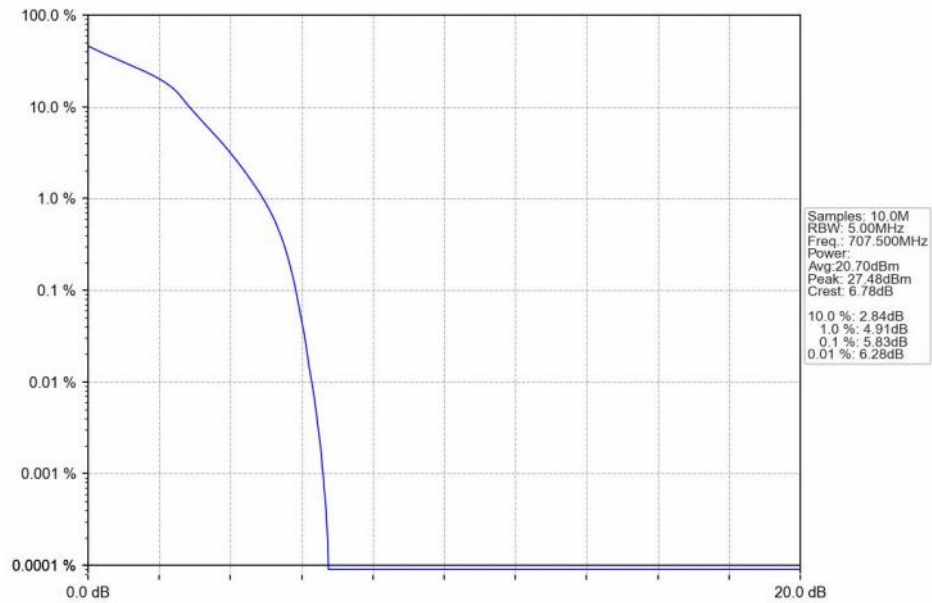
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



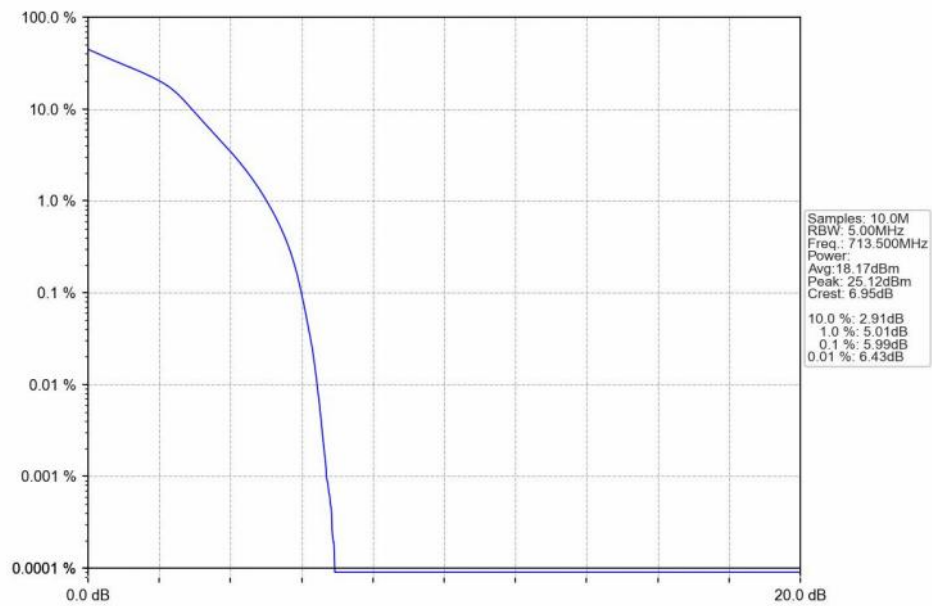
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



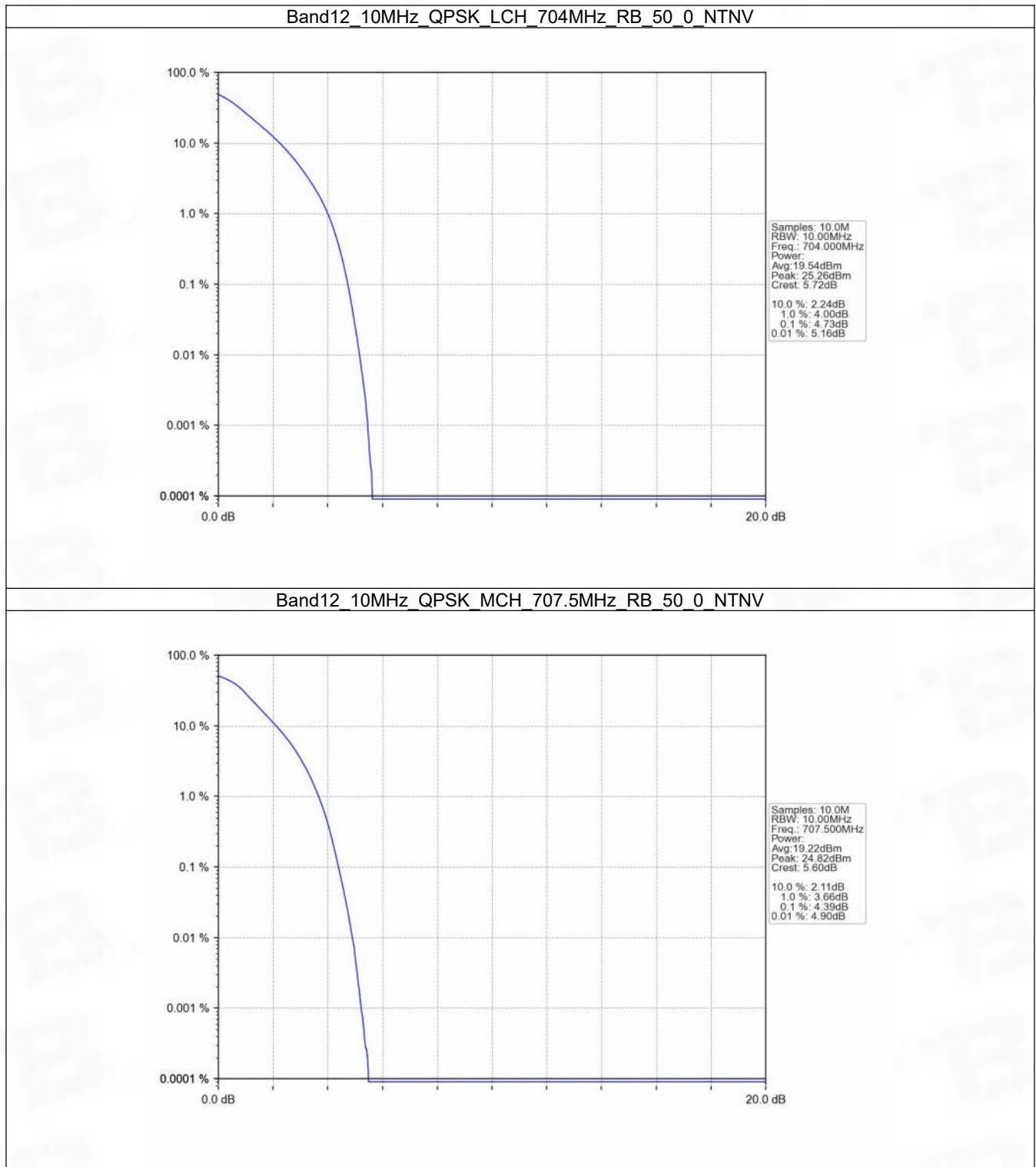
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



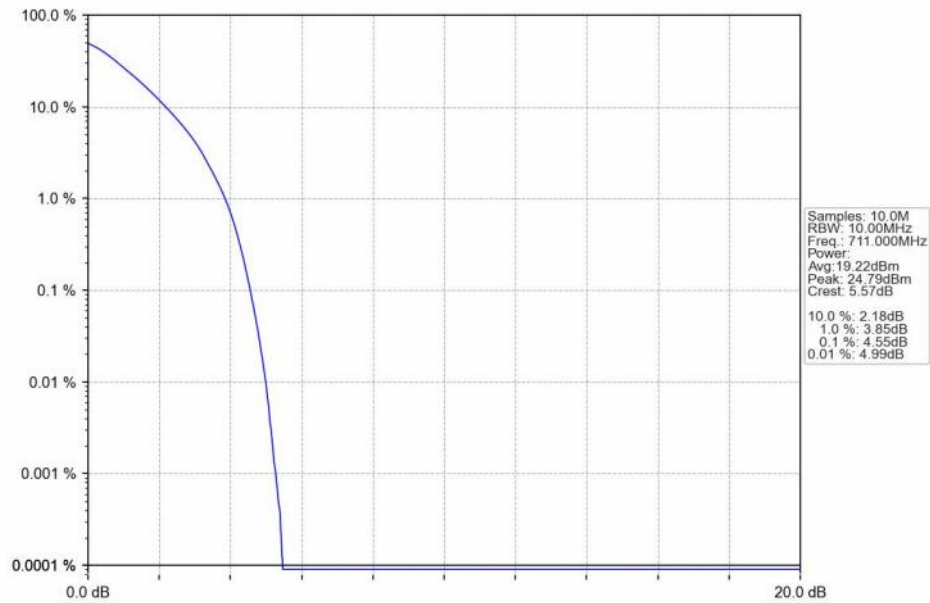
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



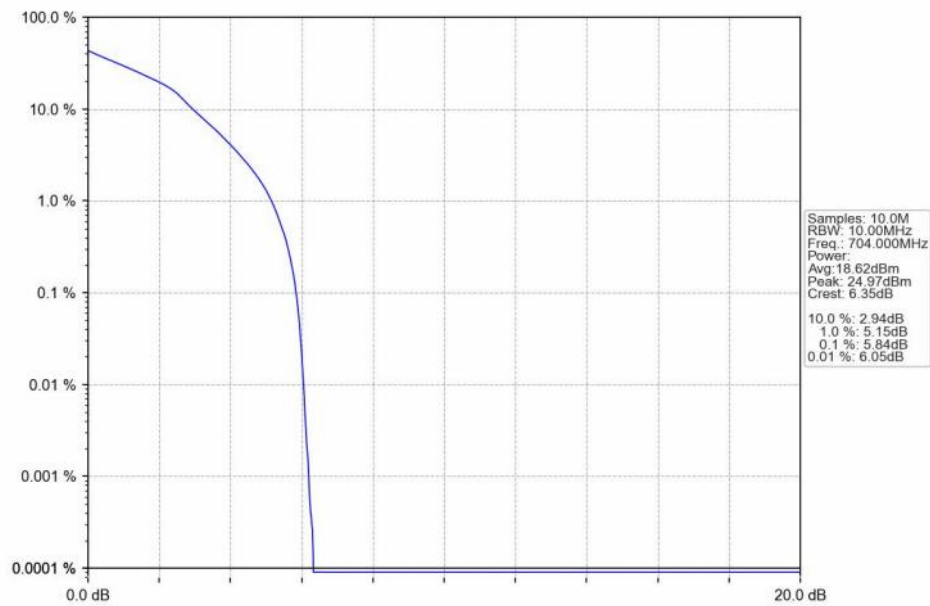
5.2.4 B12_10MHz



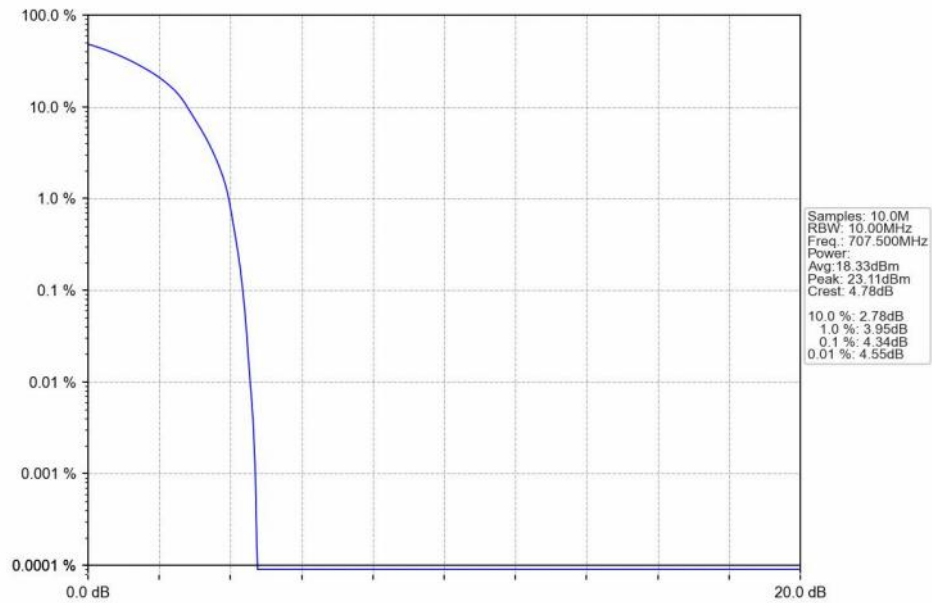
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



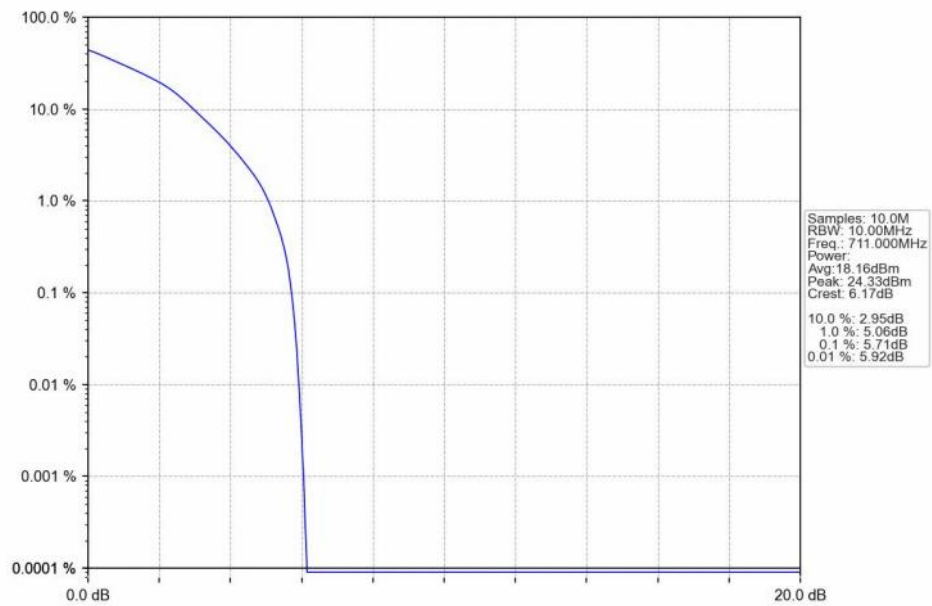
Band12_10MHz_16QAM_LCH_704MHz_RB_27_0_NTNV



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		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

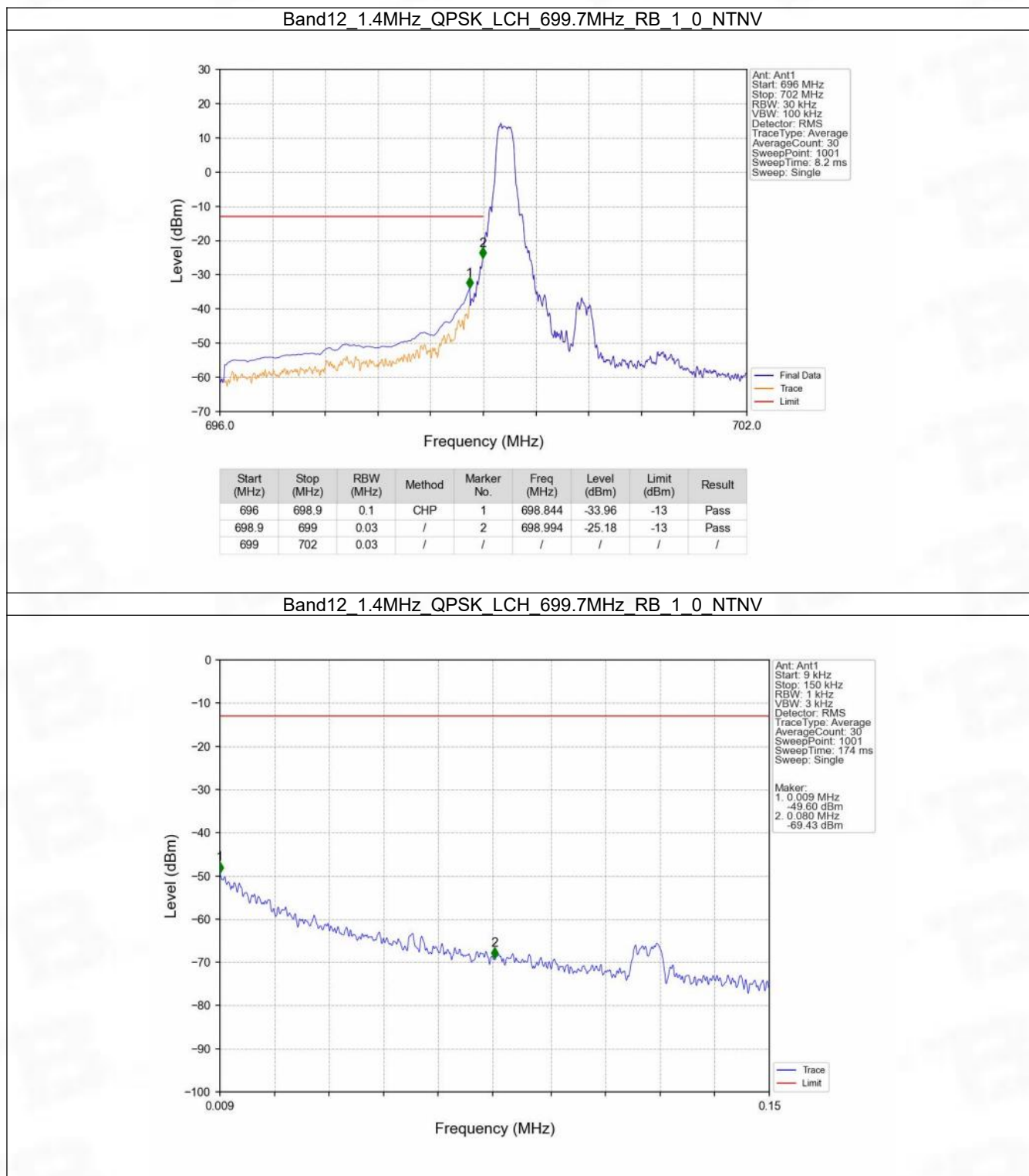
	707.5	25	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
	713.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

6.1.4 B12_10MHz

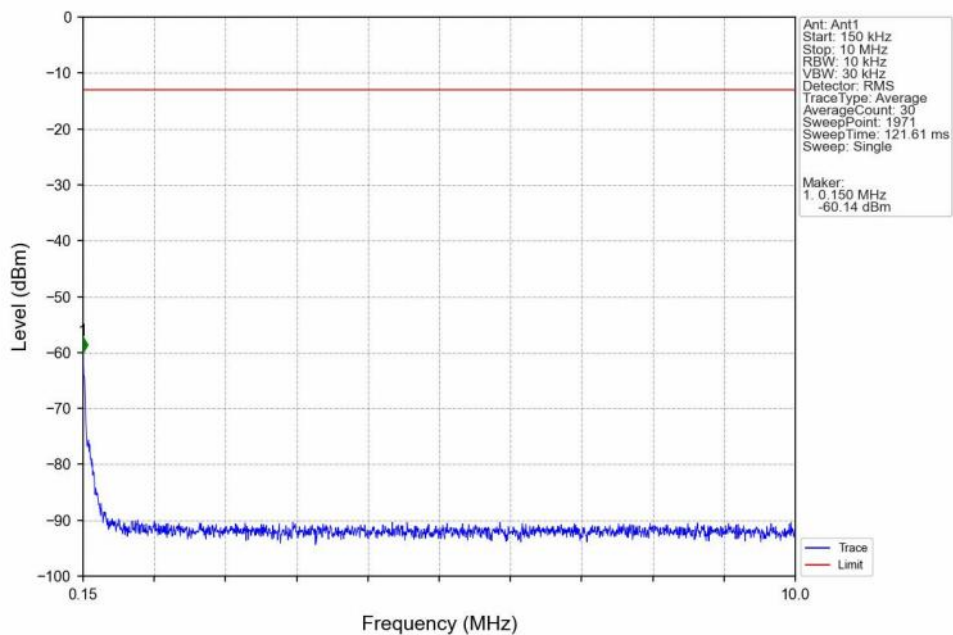
Band: 12 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	704	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
	711	1	0	Refer To Test Graph		Pass
			49	Refer To Test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

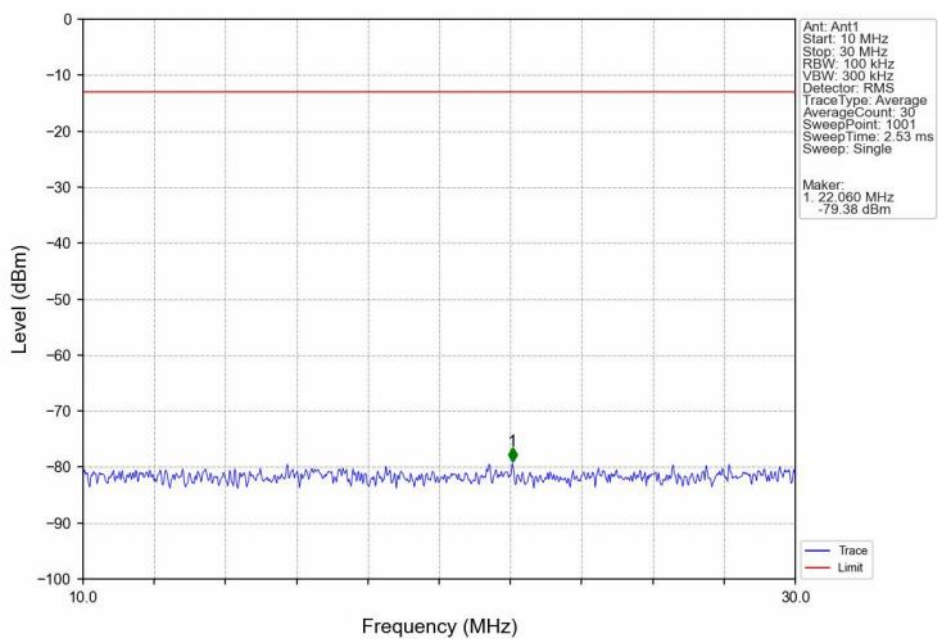
6.2.1 B12_1.4MHz



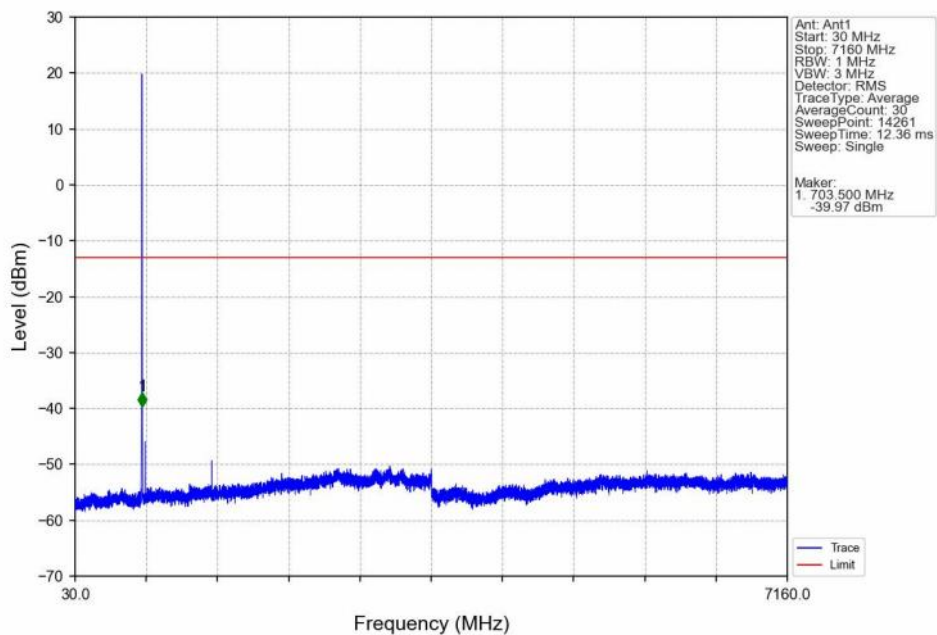
Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_1_0_NTNV



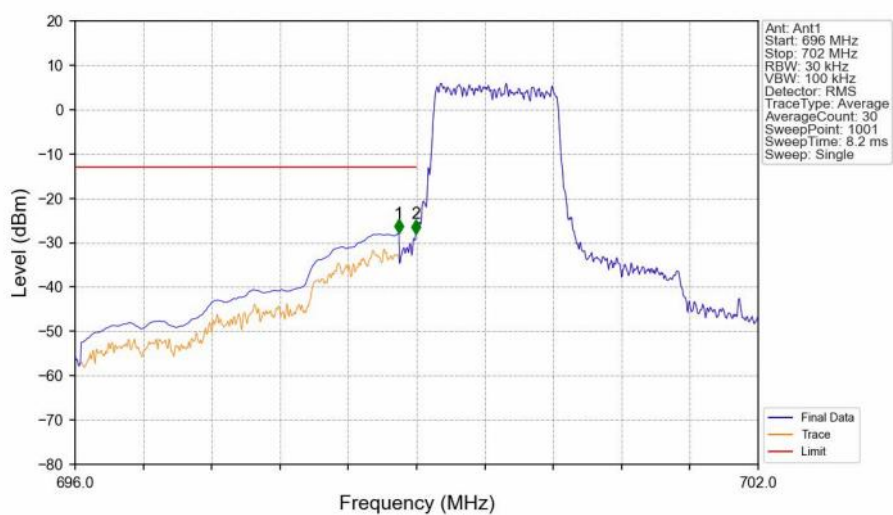
Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_1_0_NTNV



Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_1_0_NTNV

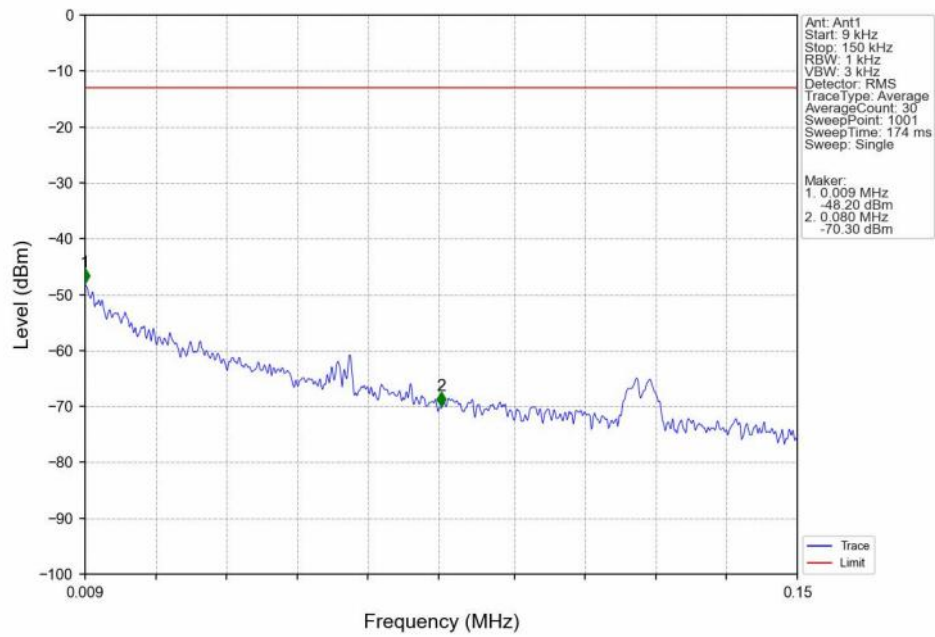


Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-27.87	-13	Pass
698.9	699	0.03	/	2	698.994	-27.94	-13	Pass
699	702	0.03	/	/	/	/	/	/

Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV

