

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	23.09	-4.67	16.27	<=34.77	Pass
			2	23.23	-4.67	16.41	<=34.77	Pass
			5	23.19	-4.67	16.37	<=34.77	Pass
		3	0	23.19	-4.67	16.37	<=34.77	Pass
			2	23.27	-4.67	16.45	<=34.77	Pass
			3	23.23	-4.67	16.41	<=34.77	Pass
		6	0	22.26	-4.67	15.44	<=34.77	Pass
	707.5	1	0	23.12	-4.67	16.30	<=34.77	Pass
			2	23.34	-4.67	16.52	<=34.77	Pass
			5	23.24	-4.67	16.42	<=34.77	Pass
		3	0	23.11	-4.67	16.29	<=34.77	Pass
			2	23.25	-4.67	16.43	<=34.77	Pass
			3	23.12	-4.67	16.30	<=34.77	Pass
		6	0	22.16	-4.67	15.34	<=34.77	Pass
	715.3	1	0	22.99	-4.67	16.17	<=34.77	Pass
			2	23.04	-4.67	16.22	<=34.77	Pass
			5	23.05	-4.67	16.23	<=34.77	Pass
		3	0	23.11	-4.67	16.29	<=34.77	Pass
			2	23.10	-4.67	16.28	<=34.77	Pass
			3	23.07	-4.67	16.25	<=34.77	Pass
		6	0	22.26	-4.67	15.44	<=34.77	Pass
16QAM	699.7	1	0	22.45	-4.67	15.63	<=34.77	Pass
			2	23.08	-4.67	16.26	<=34.77	Pass
			5	22.50	-4.67	15.68	<=34.77	Pass
		3	0	21.99	-4.67	15.17	<=34.77	Pass
			2	22.11	-4.67	15.29	<=34.77	Pass
			3	22.10	-4.67	15.28	<=34.77	Pass
		6	0	21.22	-4.67	14.40	<=34.77	Pass
	707.5	1	0	22.28	-4.67	15.46	<=34.77	Pass
			2	22.34	-4.67	15.52	<=34.77	Pass
			5	22.00	-4.67	15.18	<=34.77	Pass
		3	0	22.25	-4.67	15.43	<=34.77	Pass
			2	22.18	-4.67	15.36	<=34.77	Pass
			3	22.23	-4.67	15.41	<=34.77	Pass
		6	0	20.98	-4.67	14.16	<=34.77	Pass
	715.3	1	0	21.62	-4.67	14.80	<=34.77	Pass
			2	21.86	-4.67	15.04	<=34.77	Pass
			5	21.83	-4.67	15.01	<=34.77	Pass
		3	0	22.04	-4.67	15.22	<=34.77	Pass
			2	22.02	-4.67	15.20	<=34.77	Pass
			3	21.93	-4.67	15.11	<=34.77	Pass
		6	0	20.97	-4.67	14.15	<=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	23.29	-4.67	16.47	<=34.77	Pass
			7	23.61	-4.67	16.79	<=34.77	Pass
			14	23.50	-4.67	16.68	<=34.77	Pass
		8	0	22.22	-4.67	15.40	<=34.77	Pass
			4	22.25	-4.67	15.43	<=34.77	Pass
			7	22.23	-4.67	15.41	<=34.77	Pass
		15	0	22.24	-4.67	15.42	<=34.77	Pass
	707.5	1	0	22.82	-4.67	16.00	<=34.77	Pass
			7	23.09	-4.67	16.27	<=34.77	Pass
			14	22.76	-4.67	15.94	<=34.77	Pass
		8	0	21.92	-4.67	15.10	<=34.77	Pass
			4	21.87	-4.67	15.05	<=34.77	Pass
			7	21.86	-4.67	15.04	<=34.77	Pass
		15	0	21.82	-4.67	15.00	<=34.77	Pass
	714.5	1	0	22.79	-4.67	15.97	<=34.77	Pass
			7	22.61	-4.67	15.79	<=34.77	Pass
			14	22.53	-4.67	15.71	<=34.77	Pass
		8	0	21.66	-4.67	14.84	<=34.77	Pass
			4	21.50	-4.67	14.68	<=34.77	Pass
			7	21.46	-4.67	14.64	<=34.77	Pass
		15	0	21.59	-4.67	14.77	<=34.77	Pass
16QAM	700.5	1	0	21.56	-4.67	14.74	<=34.77	Pass
			7	21.78	-4.67	14.96	<=34.77	Pass
			14	22.05	-4.67	15.23	<=34.77	Pass
		8	0	21.00	-4.67	14.18	<=34.77	Pass
			4	21.32	-4.67	14.50	<=34.77	Pass
			7	20.73	-4.67	13.91	<=34.77	Pass
		15	0	21.04	-4.67	14.22	<=34.77	Pass
	707.5	1	0	22.09	-4.67	15.27	<=34.77	Pass
			7	22.44	-4.67	15.62	<=34.77	Pass
			14	22.14	-4.67	15.32	<=34.77	Pass
		8	0	20.77	-4.67	13.95	<=34.77	Pass
			4	20.49	-4.67	13.67	<=34.77	Pass
			7	20.75	-4.67	13.93	<=34.77	Pass
		15	0	20.62	-4.67	13.80	<=34.77	Pass
	714.5	1	0	21.88	-4.67	15.06	<=34.77	Pass
			7	21.90	-4.67	15.08	<=34.77	Pass
			14	21.66	-4.67	14.84	<=34.77	Pass
		8	0	20.75	-4.67	13.93	<=34.77	Pass
			4	20.80	-4.67	13.98	<=34.77	Pass
			7	20.54	-4.67	13.72	<=34.77	Pass
		15	0	20.51	-4.67	13.69	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.3 B12_5MHz_ERP

Band: 12 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	701.5	1	0	22.65	-4.67	15.83	<=34.77	Pass
			13	22.84	-4.67	16.02	<=34.77	Pass
			24	22.55	-4.67	15.73	<=34.77	Pass
		12	0	21.73	-4.67	14.91	<=34.77	Pass
			6	21.74	-4.67	14.92	<=34.77	Pass
			13	21.68	-4.67	14.86	<=34.77	Pass

16QAM	707.5	25	0	21.64	-4.67	14.82	<=34.77	Pass
		1	0	22.17	-4.67	15.35	<=34.77	Pass
			13	22.45	-4.67	15.63	<=34.77	Pass
			24	22.06	-4.67	15.24	<=34.77	Pass
		12	0	21.46	-4.67	14.64	<=34.77	Pass
			6	21.42	-4.67	14.60	<=34.77	Pass
			13	21.19	-4.67	14.37	<=34.77	Pass
		25	0	21.27	-4.67	14.45	<=34.77	Pass
	713.5	1	0	22.23	-4.67	15.41	<=34.77	Pass
			13	22.33	-4.67	15.51	<=34.77	Pass
			24	22.06	-4.67	15.24	<=34.77	Pass
		12	0	21.21	-4.67	14.39	<=34.77	Pass
			6	21.29	-4.67	14.47	<=34.77	Pass
			13	21.22	-4.67	14.40	<=34.77	Pass
		25	0	21.16	-4.67	14.34	<=34.77	Pass
	701.5	1	0	21.32	-4.67	14.50	<=34.77	Pass
			13	21.43	-4.67	14.61	<=34.77	Pass
			24	21.43	-4.67	14.61	<=34.77	Pass
		12	0	20.63	-4.67	13.81	<=34.77	Pass
			6	20.55	-4.67	13.73	<=34.77	Pass
			13	20.40	-4.67	13.58	<=34.77	Pass
		25	0	20.50	-4.67	13.68	<=34.77	Pass
	707.5	1	0	21.42	-4.67	14.60	<=34.77	Pass
			13	21.75	-4.67	14.93	<=34.77	Pass
			24	21.50	-4.67	14.68	<=34.77	Pass
		12	0	20.40	-4.67	13.58	<=34.77	Pass
			6	20.21	-4.67	13.39	<=34.77	Pass
			13	19.90	-4.67	13.08	<=34.77	Pass
		25	0	20.21	-4.67	13.39	<=34.77	Pass
	713.5	1	0	20.60	-4.67	13.78	<=34.77	Pass
			13	21.35	-4.67	14.53	<=34.77	Pass
			24	20.51	-4.67	13.69	<=34.77	Pass
		12	0	20.18	-4.67	13.36	<=34.77	Pass
			6	20.37	-4.67	13.55	<=34.77	Pass
			13	20.29	-4.67	13.47	<=34.77	Pass
		25	0	20.28	-4.67	13.46	<=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	22.56	-4.67	15.74	<=34.77	Pass
			25	22.39	-4.67	15.57	<=34.77	Pass
			49	22.13	-4.67	15.31	<=34.77	Pass
		25	0	21.40	-4.67	14.58	<=34.77	Pass
			13	21.27	-4.67	14.45	<=34.77	Pass
			25	21.49	-4.67	14.67	<=34.77	Pass
		50	0	21.38	-4.67	14.56	<=34.77	Pass
	707.5	1	0	22.23	-4.67	15.41	<=34.77	Pass
			25	22.24	-4.67	15.42	<=34.77	Pass
			49	21.96	-4.67	15.14	<=34.77	Pass
		25	0	21.30	-4.67	14.48	<=34.77	Pass
			13	21.15	-4.67	14.33	<=34.77	Pass
			25	21.03	-4.67	14.21	<=34.77	Pass
		50	0	21.02	-4.67	14.20	<=34.77	Pass

16QAM	711	1	0	22.56	-4.67	15.74	<=34.77	Pass
			25	22.17	-4.67	15.35	<=34.77	Pass
			49	21.90	-4.67	15.08	<=34.77	Pass
		25	0	21.01	-4.67	14.19	<=34.77	Pass
			13	21.12	-4.67	14.30	<=34.77	Pass
			25	21.07	-4.67	14.25	<=34.77	Pass
		50	0	20.97	-4.67	14.15	<=34.77	Pass
			0	21.25	-4.67	14.43	<=34.77	Pass
			25	21.27	-4.67	14.45	<=34.77	Pass
	704	1	49	20.58	-4.67	13.76	<=34.77	Pass
			0	21.22	-4.67	14.40	<=34.77	Pass
			19	21.41	-4.67	14.59	<=34.77	Pass
		12	38	21.19	-4.67	14.37	<=34.77	Pass
			0	20.36	-4.67	13.54	<=34.77	Pass
			0	21.79	-4.67	14.97	<=34.77	Pass
		27	25	21.83	-4.67	15.01	<=34.77	Pass
			49	21.67	-4.67	14.85	<=34.77	Pass
			0	20.96	-4.67	14.14	<=34.77	Pass
	707.5	1	19	21.11	-4.67	14.29	<=34.77	Pass
			38	20.88	-4.67	14.06	<=34.77	Pass
			0	20.16	-4.67	13.34	<=34.77	Pass
		12	0	21.35	-4.67	14.53	<=34.77	Pass
			25	21.92	-4.67	15.10	<=34.77	Pass
			49	20.72	-4.67	13.90	<=34.77	Pass
		27	0	21.28	-4.67	14.46	<=34.77	Pass
			19	21.11	-4.67	14.29	<=34.77	Pass
			38	20.94	-4.67	14.12	<=34.77	Pass
	711	1	23	20.15	-4.67	13.33	<=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	0.086	0.0001	-2.5 to 2.5	Pass
					3.85	-1.416	-0.0020	-2.5 to 2.5	Pass
					4.43	-0.858	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-0.930	-0.0013	-2.5 to 2.5	Pass
					3.85	-1.516	-0.0022	-2.5 to 2.5	Pass
					3.85	-1.016	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-1.559	-0.0022	-2.5 to 2.5	Pass
					3.85	-0.815	-0.0012	-2.5 to 2.5	Pass
					3.85	-1.130	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-1.030	-0.0015	-2.5 to 2.5	Pass
					3.85	-0.844	-0.0012	-2.5 to 2.5	Pass
					3.85	-0.057	-0.0001	-2.5 to 2.5	Pass
	707.5	6	0	20	3.27	-0.057	-0.0001	-2.5 to 2.5	Pass
					3.85	-1.159	-0.0016	-2.5 to 2.5	Pass
					4.43	-0.129	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-0.687	-0.0010	-2.5 to 2.5	Pass
					3.85	-0.114	-0.0002	-2.5 to 2.5	Pass
					3.85	-0.873	-0.0012	-2.5 to 2.5	Pass

				0	3.85	-0.486	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-0.529	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-0.401	-0.0006	-2.5 to 2.5	Pass
				40	3.85	0.472	0.0007	-2.5 to 2.5	Pass
				50	3.85	0.272	0.0004	-2.5 to 2.5	Pass
	715.3	6	0	20	3.27	-1.059	-0.0015	-2.5 to 2.5	Pass
					3.85	-0.930	-0.0013	-2.5 to 2.5	Pass
					4.43	-0.243	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	-1.459	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-0.229	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-0.787	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-0.930	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-0.787	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-0.515	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-0.658	-0.0009	-2.5 to 2.5	Pass
16QAM	699.7	6	0	20	3.27	-0.744	-0.0011	-2.5 to 2.5	Pass
					3.85	-1.402	-0.0020	-2.5 to 2.5	Pass
					4.43	-1.116	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-1.173	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-1.774	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-0.529	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-0.844	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-1.059	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-1.130	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-0.086	-0.0001	-2.5 to 2.5	Pass
				50	3.85	0.114	0.0002	-2.5 to 2.5	Pass
	707.5	6	0	20	3.27	0.272	0.0004	-2.5 to 2.5	Pass
					3.85	0.873	0.0012	-2.5 to 2.5	Pass
					4.43	-0.472	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	0.157	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.443	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	0.343	0.0005	-2.5 to 2.5	Pass
				0	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				10	3.85	-0.143	-0.0002	-2.5 to 2.5	Pass
				30	3.85	0.529	0.0007	-2.5 to 2.5	Pass
				40	3.85	0.086	0.0001	-2.5 to 2.5	Pass
				50	3.85	-0.086	-0.0001	-2.5 to 2.5	Pass
	715.3	6	0	20	3.27	-0.072	-0.0001	-2.5 to 2.5	Pass
					3.85	0.000	0.0000	-2.5 to 2.5	Pass
					4.43	0.043	0.0001	-2.5 to 2.5	Pass
				-30	3.85	0.172	0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.014	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-0.129	-0.0002	-2.5 to 2.5	Pass
				0	3.85	0.815	0.0011	-2.5 to 2.5	Pass
				10	3.85	1.044	0.0015	-2.5 to 2.5	Pass
				30	3.85	-0.072	-0.0001	-2.5 to 2.5	Pass
				40	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				50	3.85	-0.687	-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	0.329	0.0005	-2.5 to 2.5	Pass
					3.85	0.215	0.0003	-2.5 to 2.5	Pass

16QAM					4.43	0.629	0.0009	-2.5 to 2.5	Pass
				-30	3.85	0.572	0.0008	-2.5 to 2.5	Pass
				-20	3.85	0.114	0.0002	-2.5 to 2.5	Pass
				-10	3.85	-0.501	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-0.200	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-1.187	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-1.802	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-0.172	-0.0002	-2.5 to 2.5	Pass
				50	3.85	-0.529	-0.0008	-2.5 to 2.5	Pass
	707.5	15	0	20	3.27	-1.459	-0.0021	-2.5 to 2.5	Pass
					3.85	-1.445	-0.0020	-2.5 to 2.5	Pass
					4.43	-0.644	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-0.143	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.873	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	0.057	0.0001	-2.5 to 2.5	Pass
				0	3.85	-0.172	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-0.687	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-1.087	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-0.429	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-1.602	-0.0023	-2.5 to 2.5	Pass
	714.5	15	0	20	3.27	-0.257	-0.0004	-2.5 to 2.5	Pass
					3.85	-0.372	-0.0005	-2.5 to 2.5	Pass
					4.43	-0.229	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	-0.329	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-0.458	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	0.172	0.0002	-2.5 to 2.5	Pass
				0	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				10	3.85	-0.129	-0.0002	-2.5 to 2.5	Pass
	700.5	15	0	20	3.27	-1.960	-0.0028	-2.5 to 2.5	Pass
					3.85	-2.403	-0.0034	-2.5 to 2.5	Pass
					4.43	-0.958	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-0.572	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-0.086	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-1.416	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-0.758	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-0.858	-0.0012	-2.5 to 2.5	Pass
	707.5	15	0	20	3.27	0.100	0.0001	-2.5 to 2.5	Pass
					3.85	-0.501	-0.0007	-2.5 to 2.5	Pass
					4.43	0.801	0.0011	-2.5 to 2.5	Pass
				-30	3.85	-0.172	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.801	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-0.043	-0.0001	-2.5 to 2.5	Pass
				0	3.85	0.086	0.0001	-2.5 to 2.5	Pass
				10	3.85	-0.114	-0.0002	-2.5 to 2.5	Pass
	714.5	15	0	20	3.27	-1.116	-0.0016	-2.5 to 2.5	Pass
					3.85	-1.359	-0.0019	-2.5 to 2.5	Pass
					4.43	-1.016	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-0.772	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-0.358	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	0.072	0.0001	-2.5 to 2.5	Pass
				0	3.85	0.458	0.0006	-2.5 to 2.5	Pass
				10	3.85	0.472	0.0007	-2.5 to 2.5	Pass

				0	3.85	0.901	0.0013	-2.5 to 2.5	Pass
				10	3.85	-0.229	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-0.429	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-1.059	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-1.159	-0.0016	-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	-1.273	-0.0018	-2.5 to 2.5	Pass
					3.85	-0.043	-0.0001	-2.5 to 2.5	Pass
					4.43	0.072	0.0001	-2.5 to 2.5	Pass
				-30	3.85	-0.744	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	0.472	0.0007	-2.5 to 2.5	Pass
				-10	3.85	-0.672	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-0.257	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-1.044	-0.0015	-2.5 to 2.5	Pass
				30	3.85	0.172	0.0002	-2.5 to 2.5	Pass
				40	3.85	0.114	0.0002	-2.5 to 2.5	Pass
				50	3.85	-0.687	-0.0010	-2.5 to 2.5	Pass
	707.5	25	0	20	3.27	-1.187	-0.0017	-2.5 to 2.5	Pass
					3.85	-0.916	-0.0013	-2.5 to 2.5	Pass
					4.43	-0.658	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-0.701	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-0.672	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-0.086	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-0.486	-0.0007	-2.5 to 2.5	Pass
				10	3.85	0.086	0.0001	-2.5 to 2.5	Pass
				30	3.85	-0.629	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-0.443	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-0.286	-0.0004	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-0.973	-0.0014	-2.5 to 2.5	Pass
					3.85	-0.014	0.0000	-2.5 to 2.5	Pass
					4.43	-0.386	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-0.515	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	0.358	0.0005	-2.5 to 2.5	Pass
				-10	3.85	-0.801	-0.0011	-2.5 to 2.5	Pass
				0	3.85	0.215	0.0003	-2.5 to 2.5	Pass
				10	3.85	-0.443	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-0.215	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-0.157	-0.0002	-2.5 to 2.5	Pass
16QAM	701.5	25	0	20	3.27	-0.658	-0.0009	-2.5 to 2.5	Pass
					3.85	-1.359	-0.0019	-2.5 to 2.5	Pass
					4.43	0.014	0.0000	-2.5 to 2.5	Pass
				-30	3.85	-0.672	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-1.259	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-0.486	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-0.744	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-1.316	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-1.459	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-1.302	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-1.230	-0.0018	-2.5 to 2.5	Pass
	707.5	25	0	20	3.27	0.415	0.0006	-2.5 to 2.5	Pass
					3.85	-0.243	-0.0003	-2.5 to 2.5	Pass

					4.43	-0.758	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	0.014	0.0000	-2.5 to 2.5	Pass
				-20	3.85	-1.159	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-0.172	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-0.701	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-0.572	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-0.672	-0.0009	-2.5 to 2.5	Pass
				40	3.85	0.057	0.0001	-2.5 to 2.5	Pass
				50	3.85	-0.544	-0.0008	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	0.000	0.0000	-2.5 to 2.5	Pass
					3.85	-1.459	-0.0020	-2.5 to 2.5	Pass
					4.43	-2.646	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	-1.459	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	0.544	0.0008	-2.5 to 2.5	Pass
				-10	3.85	-1.016	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-0.901	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-1.702	-0.0024	-2.5 to 2.5	Pass
				30	3.85	0.658	0.0009	-2.5 to 2.5	Pass
				40	3.85	0.386	0.0005	-2.5 to 2.5	Pass
				50	3.85	0.730	0.0010	-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	0.758	0.0011	-2.5 to 2.5	Pass
					3.85	0.358	0.0005	-2.5 to 2.5	Pass
					4.43	0.529	0.0008	-2.5 to 2.5	Pass
				-30	3.85	0.558	0.0008	-2.5 to 2.5	Pass
				-20	3.85	0.472	0.0007	-2.5 to 2.5	Pass
				-10	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				0	3.85	0.472	0.0007	-2.5 to 2.5	Pass
				10	3.85	0.458	0.0007	-2.5 to 2.5	Pass
				30	3.85	0.386	0.0005	-2.5 to 2.5	Pass
				40	3.85	0.529	0.0008	-2.5 to 2.5	Pass
	707.5	50	0	50	3.85	-0.186	-0.0003	-2.5 to 2.5	Pass
				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	-0.100	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	0.272	0.0004	-2.5 to 2.5	Pass
				-10	3.85	-1.030	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-0.544	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-0.529	-0.0007	-2.5 to 2.5	Pass
				30	3.85	0.286	0.0004	-2.5 to 2.5	Pass
	711	50	0	40	3.85	-0.143	-0.0002	-2.5 to 2.5	Pass
				50	3.85	0.129	0.0002	-2.5 to 2.5	Pass
				20	3.27	-1.745	-0.0025	-2.5 to 2.5	Pass
					3.85	-1.574	-0.0022	-2.5 to 2.5	Pass
					4.43	-1.044	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-1.445	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-1.187	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-1.273	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-1.574	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-1.359	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-0.958	-0.0013	-2.5 to 2.5	Pass

16QAM	704	27	0	40	3.85	-0.958	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-1.059	-0.0015	-2.5 to 2.5	Pass
				20	3.27	0.472	0.0007	-2.5 to 2.5	Pass
					3.85	1.087	0.0015	-2.5 to 2.5	Pass
					4.43	0.601	0.0009	-2.5 to 2.5	Pass
				-30	3.85	0.401	0.0006	-2.5 to 2.5	Pass
				-20	3.85	0.458	0.0007	-2.5 to 2.5	Pass
				-10	3.85	0.415	0.0006	-2.5 to 2.5	Pass
				0	3.85	1.073	0.0015	-2.5 to 2.5	Pass
				10	3.85	0.629	0.0009	-2.5 to 2.5	Pass
	707.5	27	0	30	3.85	0.343	0.0005	-2.5 to 2.5	Pass
				40	3.85	-0.086	-0.0001	-2.5 to 2.5	Pass
				50	3.85	0.329	0.0005	-2.5 to 2.5	Pass
				20	3.27	-0.930	-0.0013	-2.5 to 2.5	Pass
					3.85	0.572	0.0008	-2.5 to 2.5	Pass
					4.43	0.229	0.0003	-2.5 to 2.5	Pass
				-30	3.85	0.086	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-0.730	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-1.216	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-1.345	-0.0019	-2.5 to 2.5	Pass
	711	27	23	10	3.85	0.129	0.0002	-2.5 to 2.5	Pass
				30	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				40	3.85	0.372	0.0005	-2.5 to 2.5	Pass
				50	3.85	-0.658	-0.0009	-2.5 to 2.5	Pass
				20	3.27	-1.574	-0.0022	-2.5 to 2.5	Pass
					3.85	-2.418	-0.0034	-2.5 to 2.5	Pass
					4.43	-1.945	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	-2.432	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-2.189	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-1.588	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-0.343	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-2.489	-0.0035	-2.5 to 2.5	Pass
				30	3.85	-3.262	-0.0046	-2.5 to 2.5	Pass
				40	3.85	-2.446	-0.0034	-2.5 to 2.5	Pass
				50	3.85	-1.445	-0.0020	-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

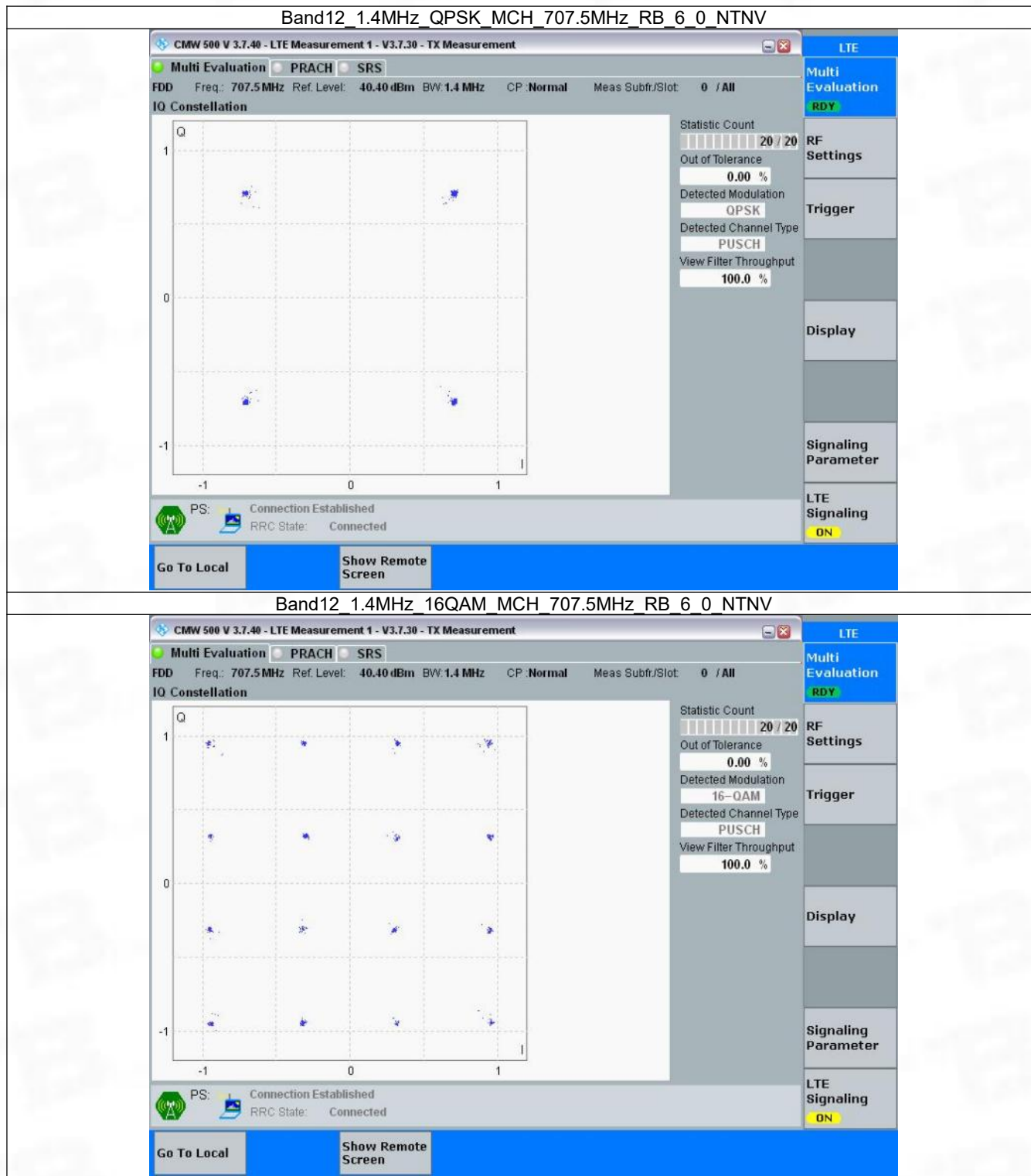
Band: 12 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	707.5	25	0	Refer To Test Graph		Pass
16QAM	707.5	25	0	Refer To Test Graph		Pass

3.1.4 B12_10MHz

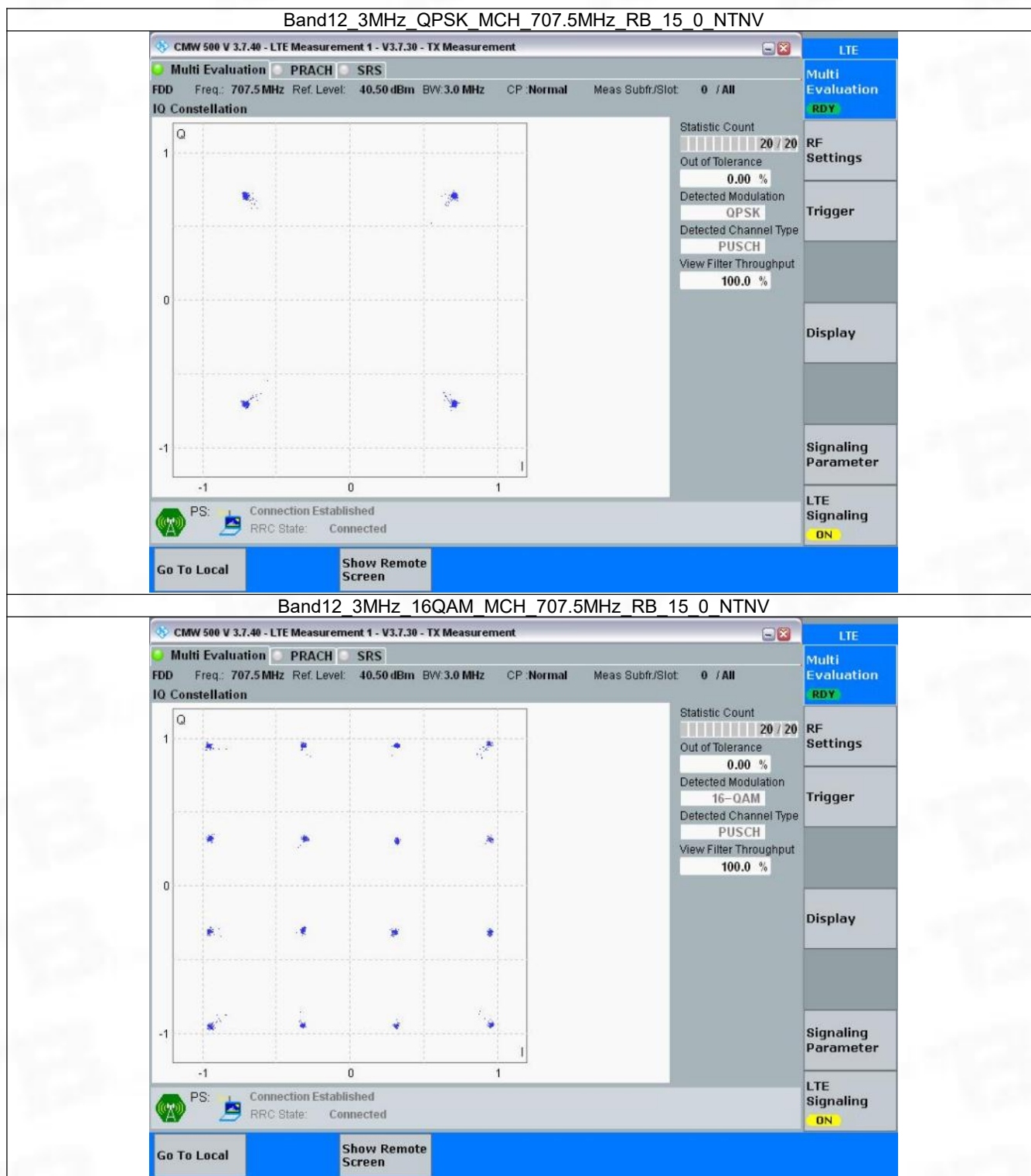
Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	707.5	50	0	Refer To Test Graph		Pass
16QAM	707.5	27	0	Refer To Test Graph		Pass

3.2 Test Graph

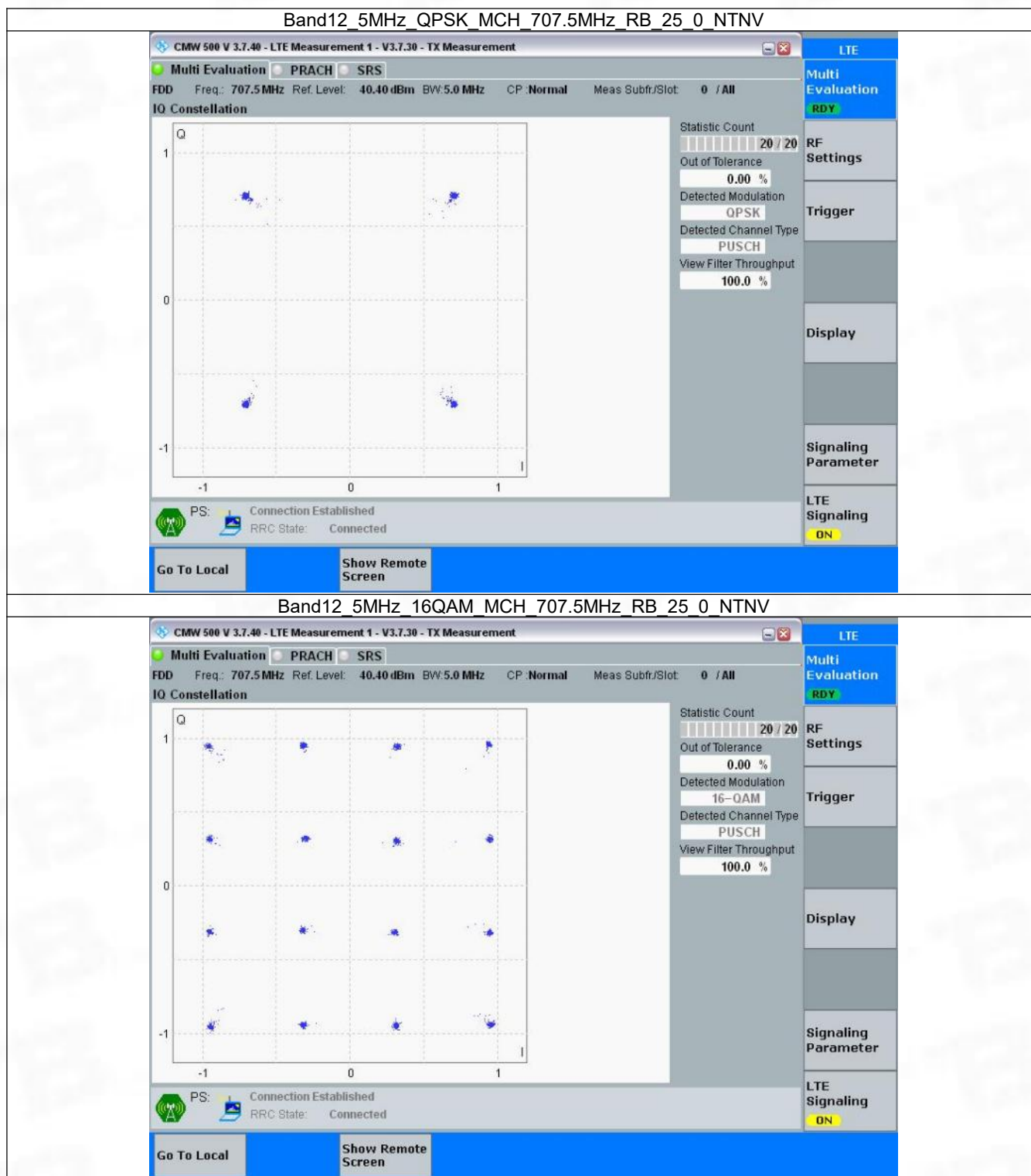
3.2.1 B12_1.4MHz



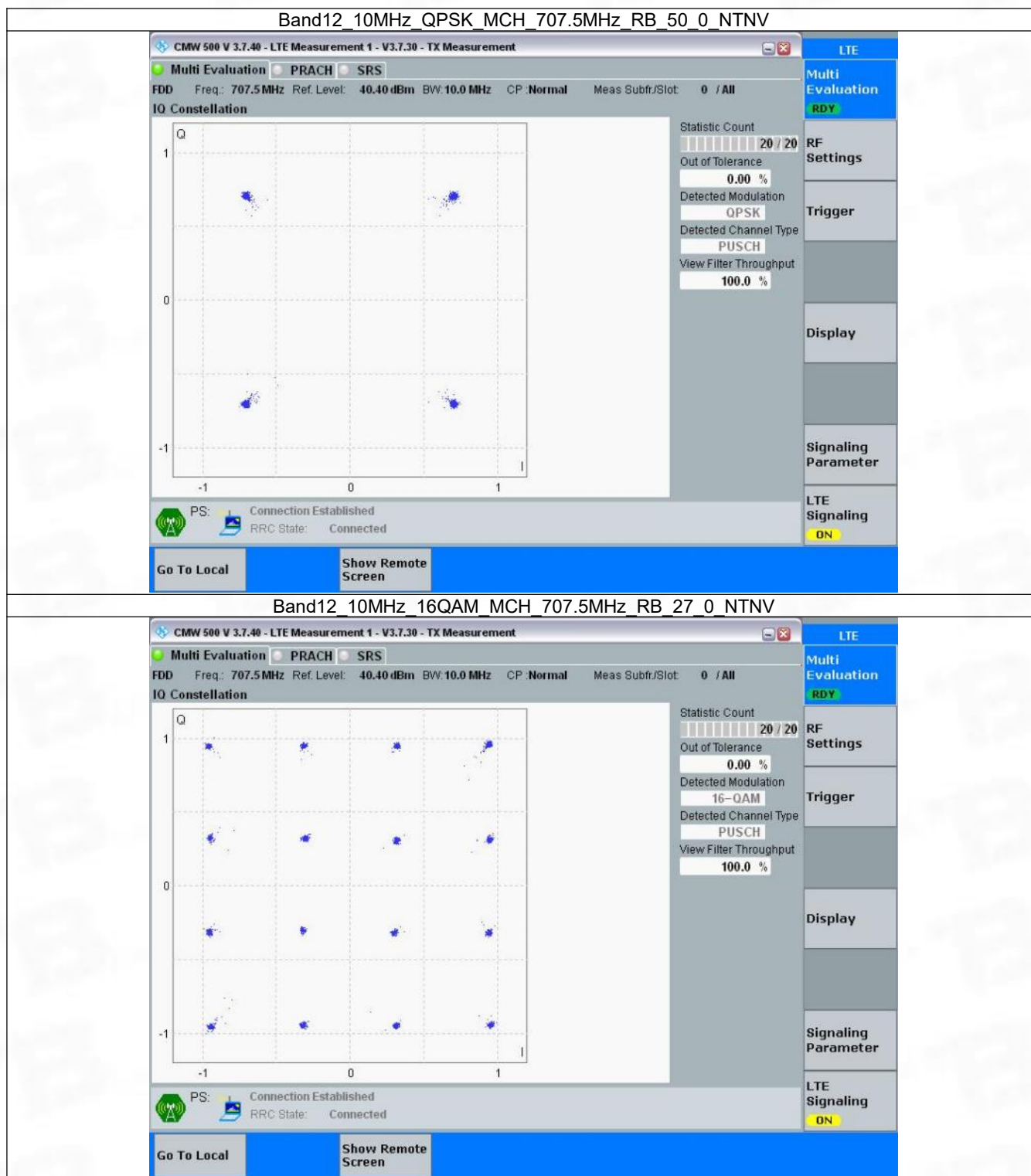
3.2.2 B12_3MHz



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	1.129	/	Pass
		707.5	6	0	1.119	/	Pass
		715.3	6	0	1.109	/	Pass
	16QAM	699.7	6	0	1.108	/	Pass
		707.5	6	0	1.104	/	Pass
		715.3	6	0	1.118	/	Pass
3	QPSK	700.5	15	0	2.745	/	Pass
		707.5	15	0	2.729	/	Pass
		714.5	15	0	2.742	/	Pass
	16QAM	700.5	15	0	2.725	/	Pass
		707.5	15	0	2.735	/	Pass
		714.5	15	0	2.739	/	Pass
5	QPSK	701.5	25	0	4.543	/	Pass
		707.5	25	0	4.552	/	Pass
		713.5	25	0	4.575	/	Pass
	16QAM	701.5	25	0	4.568	/	Pass
		707.5	25	0	4.553	/	Pass
		713.5	25	0	4.552	/	Pass
10	QPSK	704	50	0	9.053	/	Pass
		707.5	50	0	9.033	/	Pass
		711	50	0	8.993	/	Pass
	16QAM	704	27	0	5.081	/	Pass
		707.5	27	0	5.075	/	Pass
		711	27	23	5.071	/	Pass

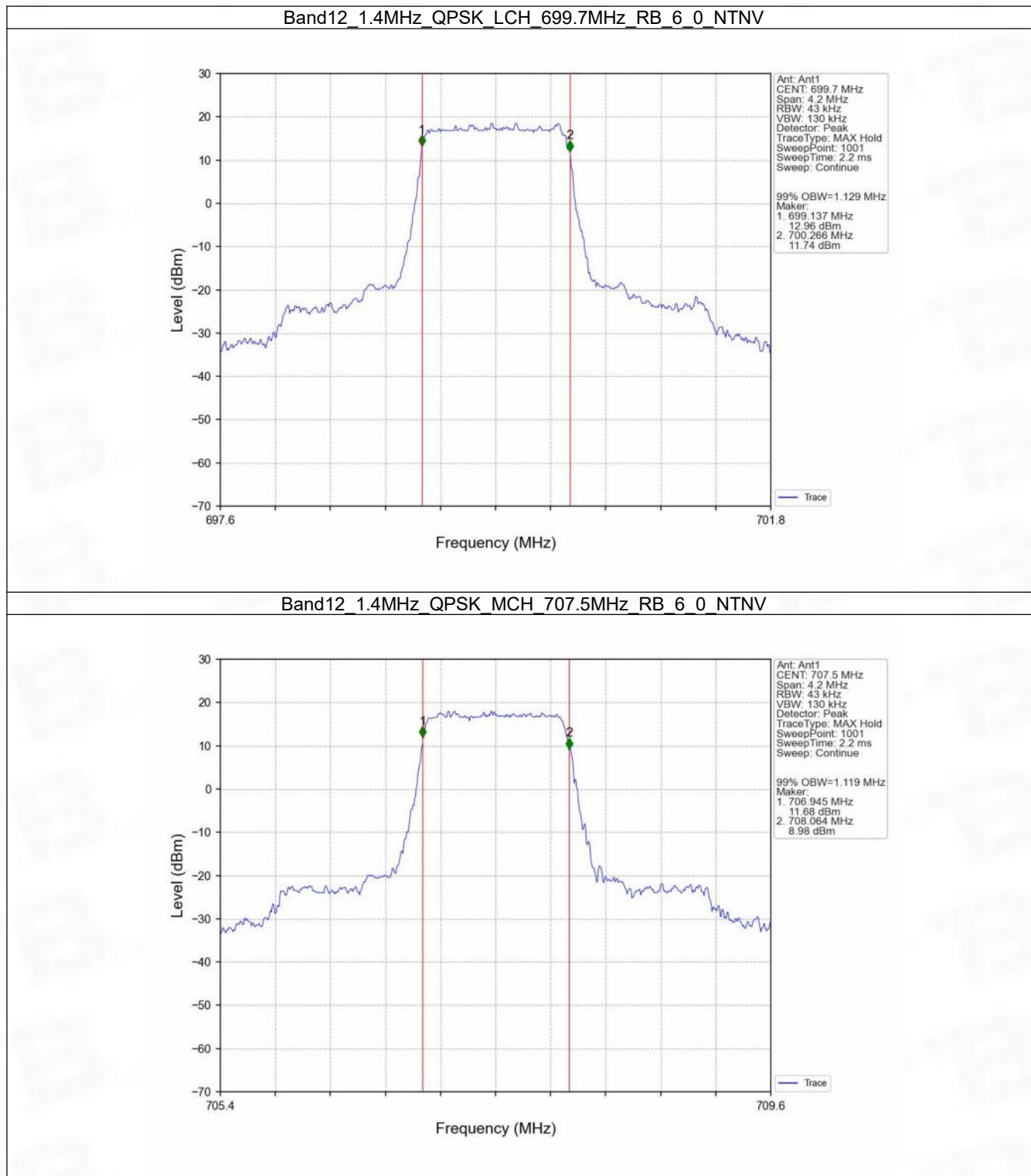
4.1.2 Band12_XDB

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	1.313	/	Pass
		707.5	6	0	1.317	/	Pass
		715.3	6	0	1.334	/	Pass
	16QAM	699.7	6	0	1.341	/	Pass
		707.5	6	0	1.316	/	Pass
		715.3	6	0	1.321	/	Pass
3	QPSK	700.5	15	0	3.054	/	Pass
		707.5	15	0	3.041	/	Pass
		714.5	15	0	3.032	/	Pass
	16QAM	700.5	15	0	3.040	/	Pass
		707.5	15	0	3.067	/	Pass
		714.5	15	0	3.047	/	Pass
5	QPSK	701.5	25	0	5.077	/	Pass
		707.5	25	0	5.101	/	Pass
		713.5	25	0	5.077	/	Pass

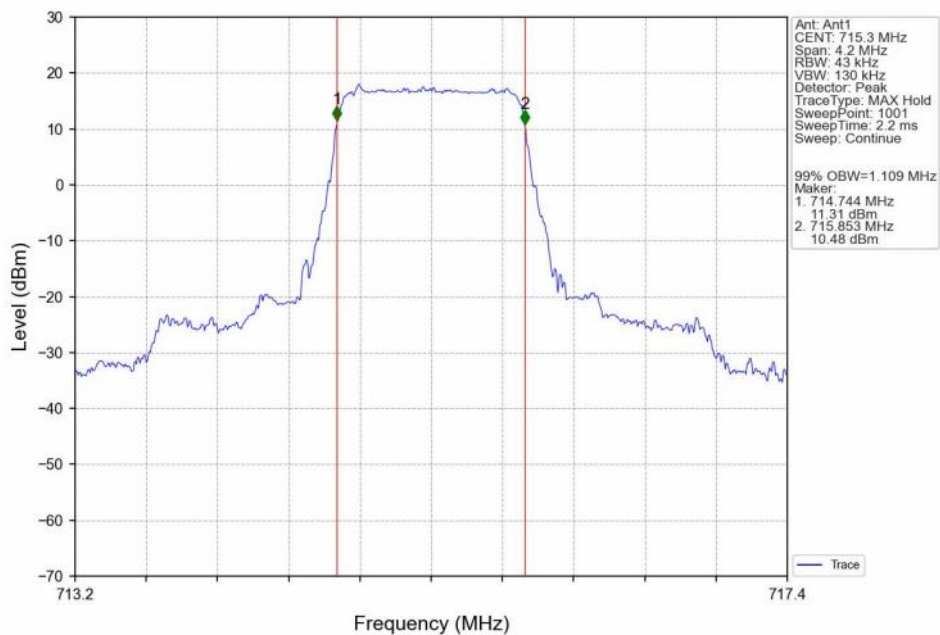
	16QAM	701.5	25	0	5.092	/	Pass
		707.5	25	0	5.111	/	Pass
		713.5	25	0	5.077	/	Pass
10	QPSK	704	50	0	10.093	/	Pass
		707.5	50	0	10.039	/	Pass
		711	50	0	10.073	/	Pass
	16QAM	704	27	0	6.078	/	Pass
		707.5	27	0	6.032	/	Pass
		711	27	23	5.876	/	Pass

4.2 Test Graph

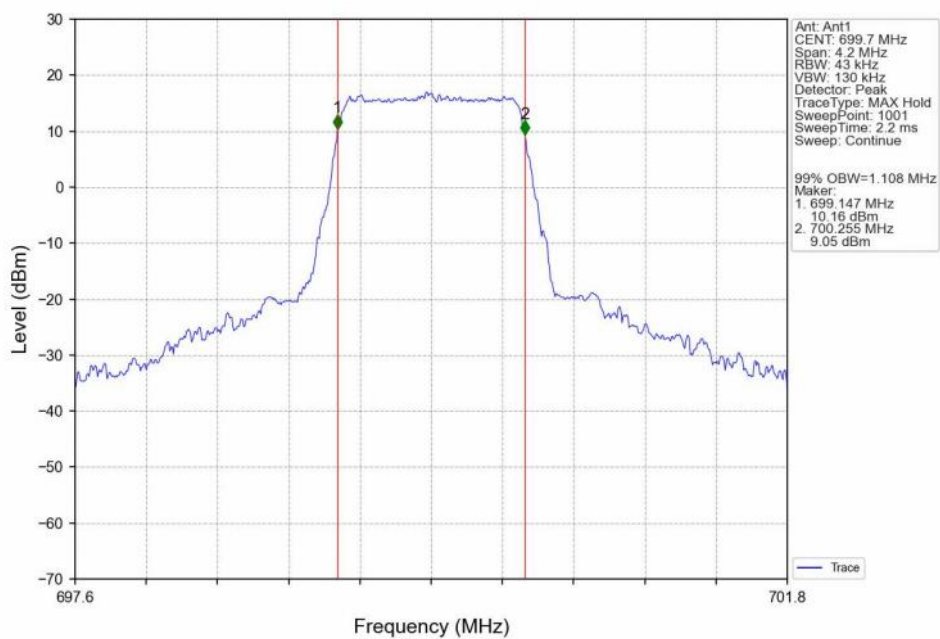
4.2.1 Band12_OBW



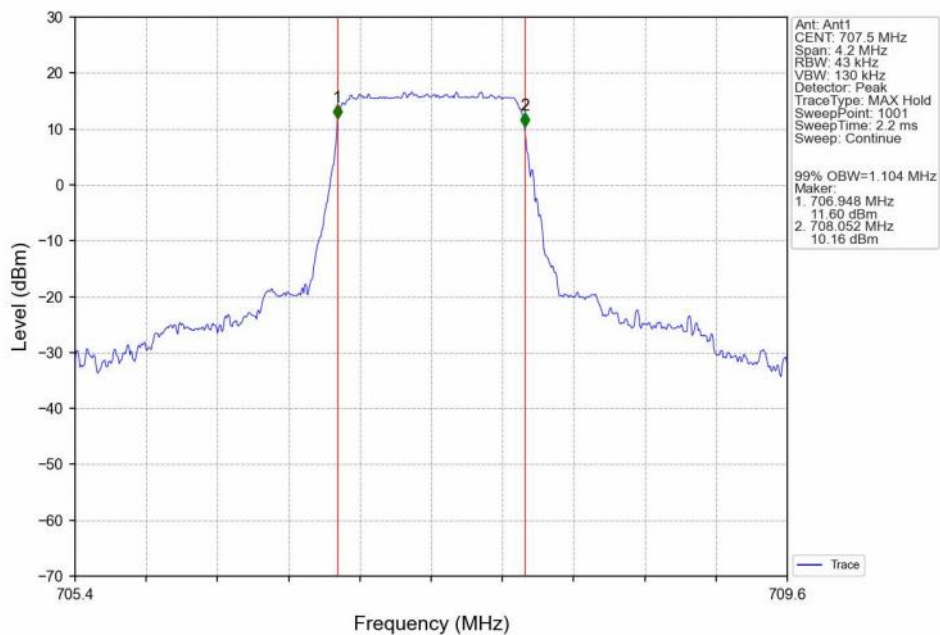
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



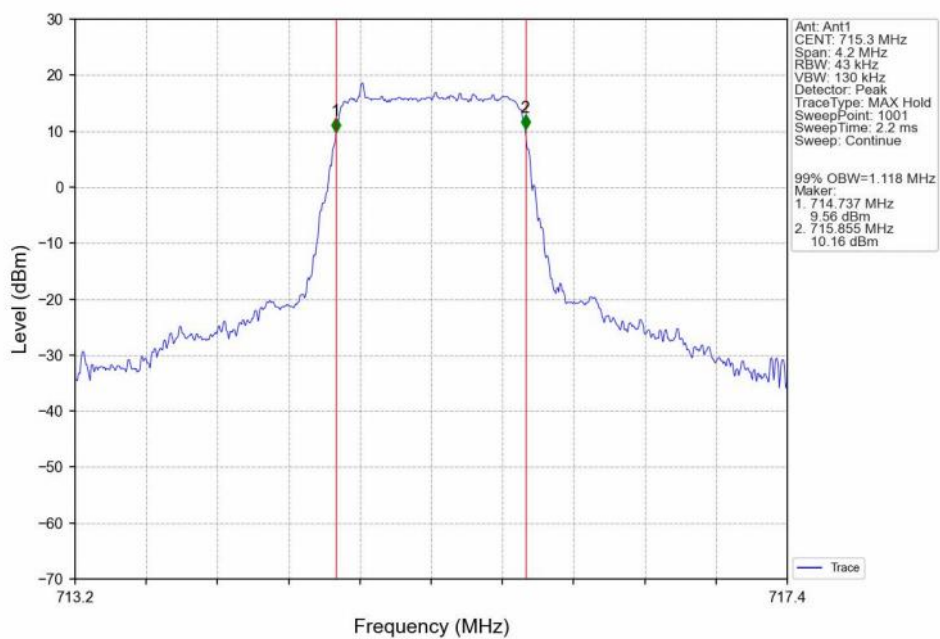
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



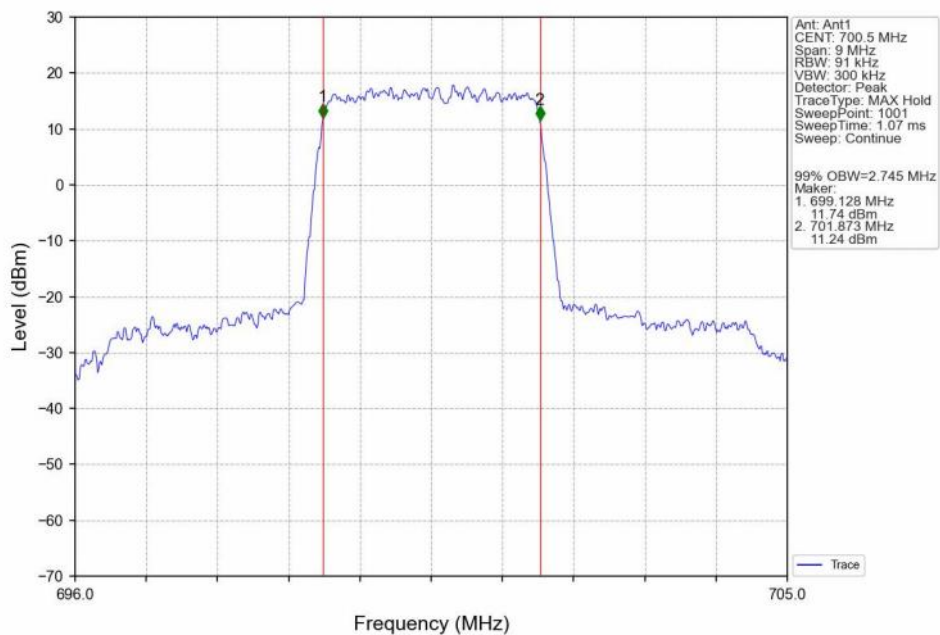
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



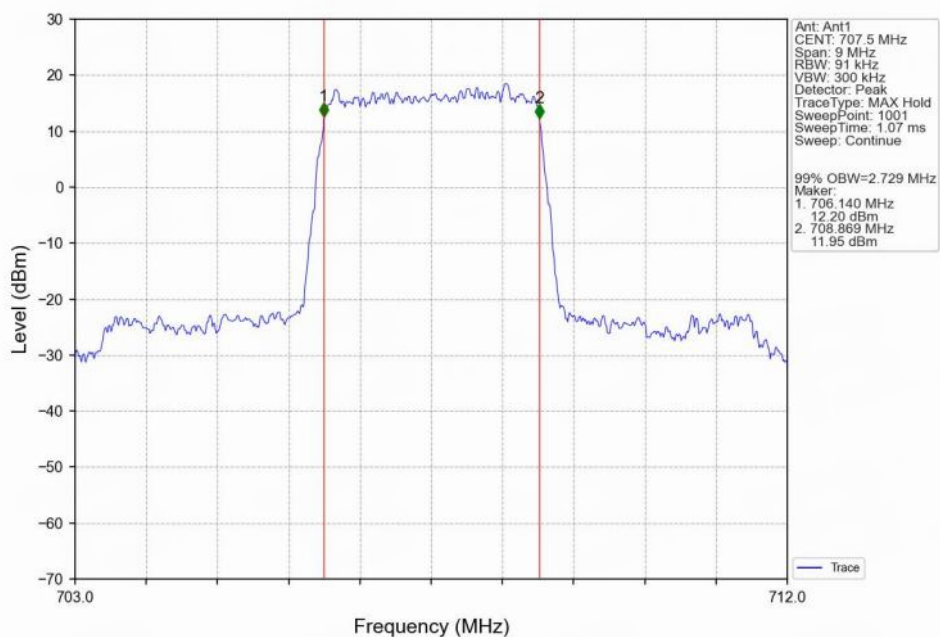
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



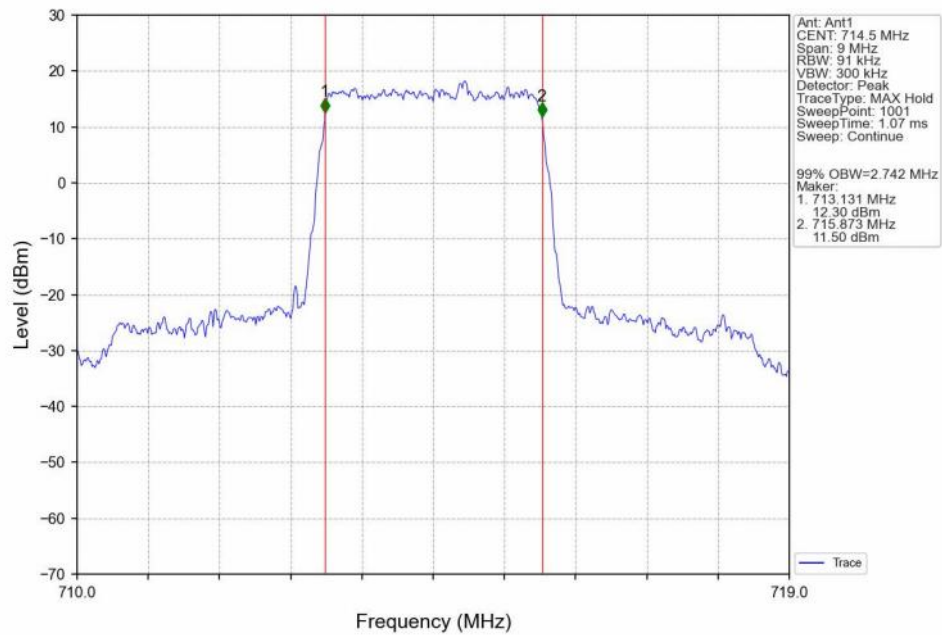
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



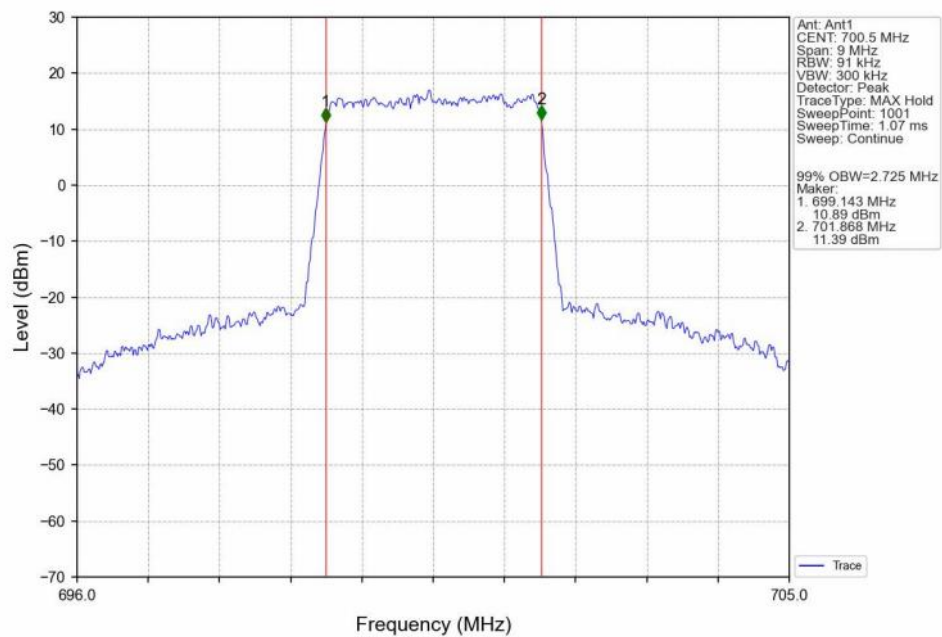
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



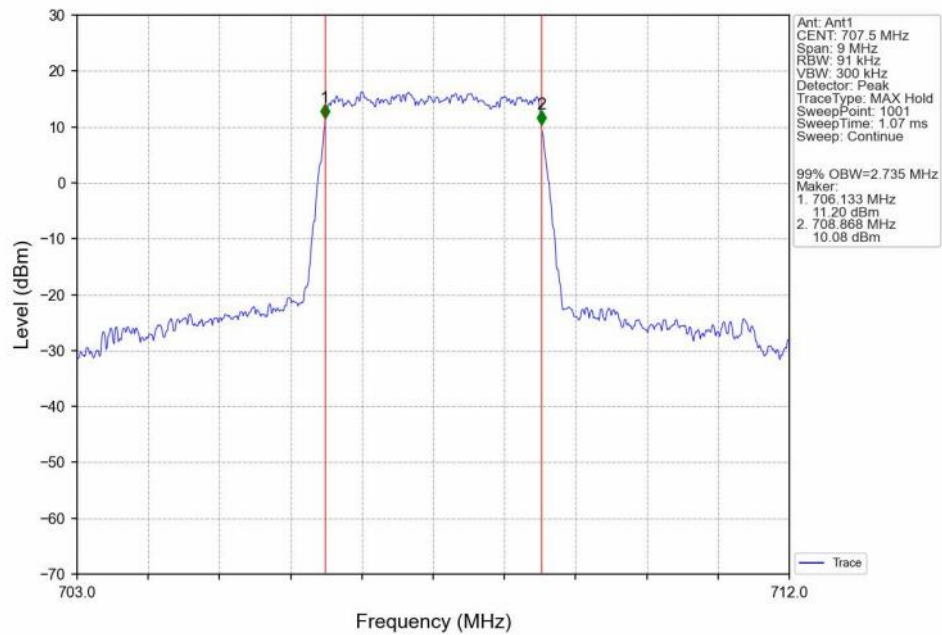
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



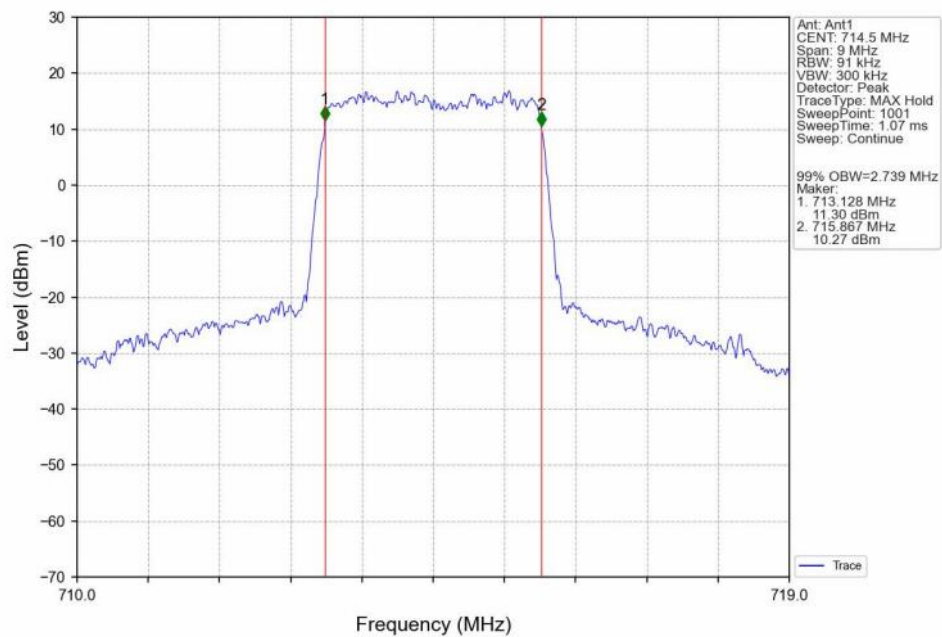
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



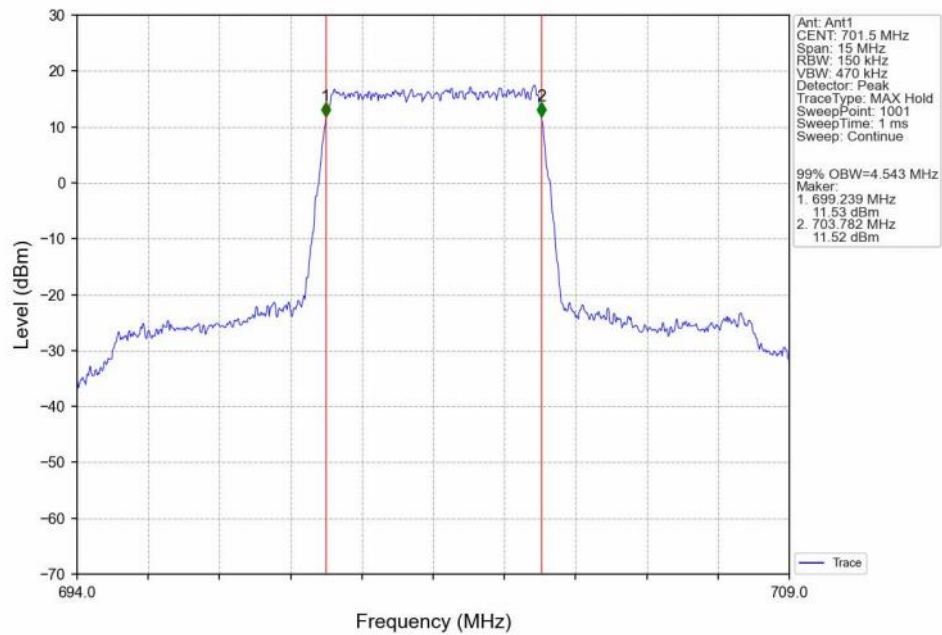
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



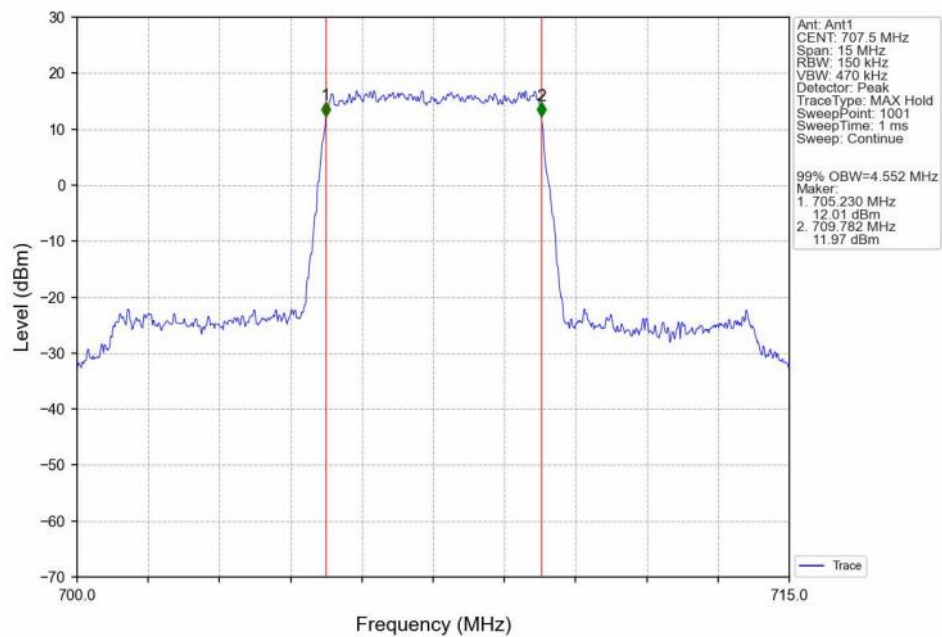
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



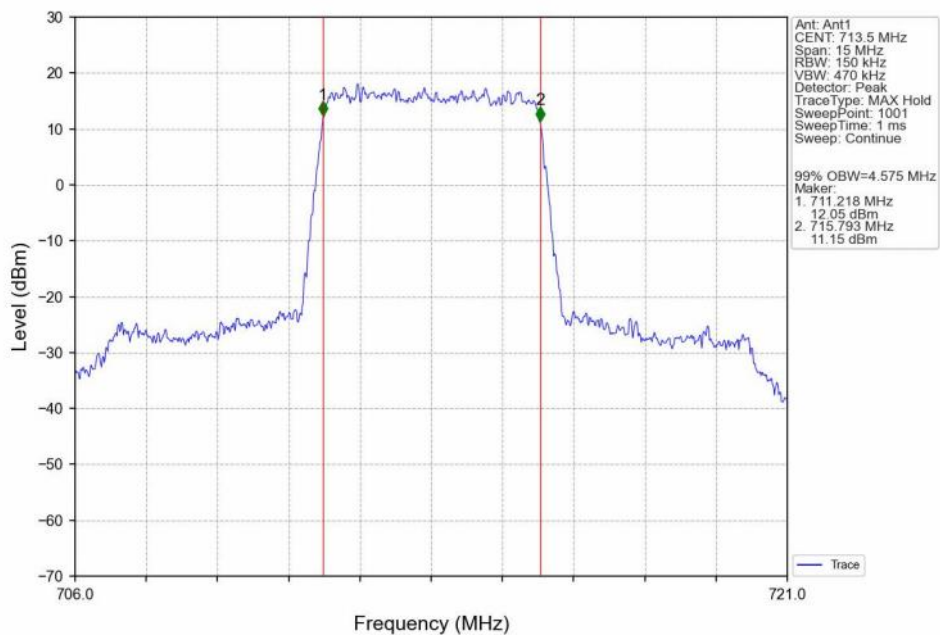
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



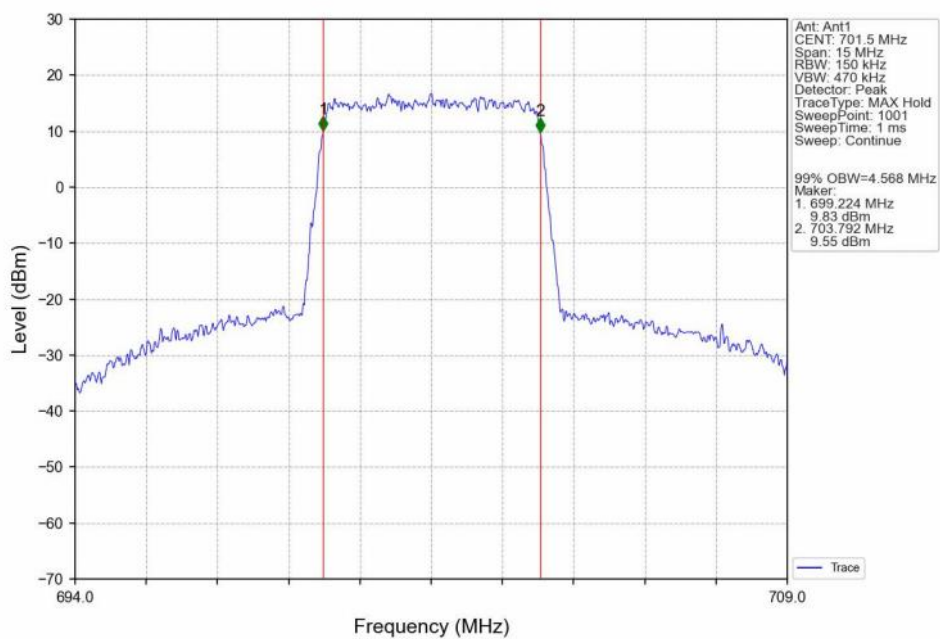
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



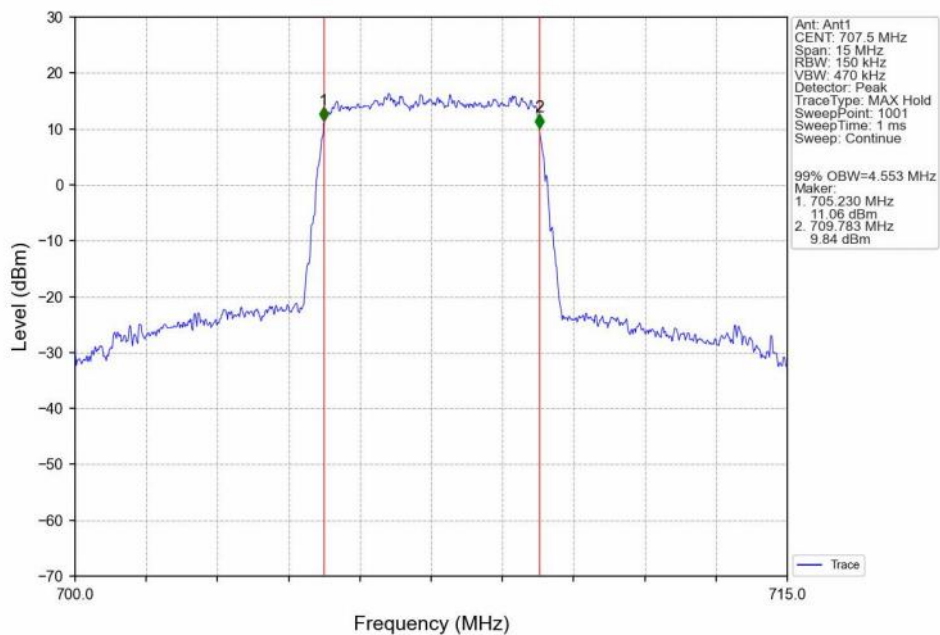
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



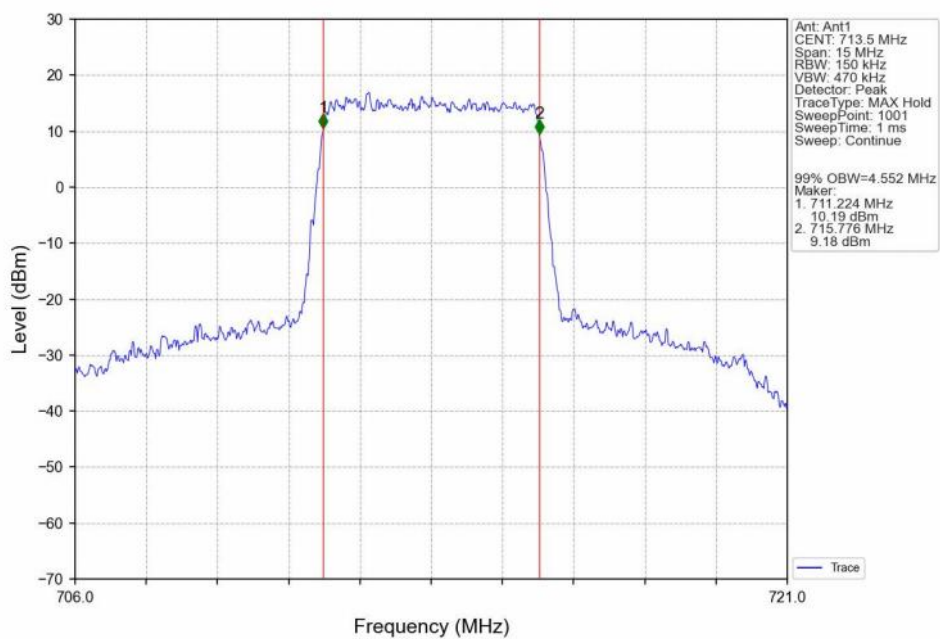
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



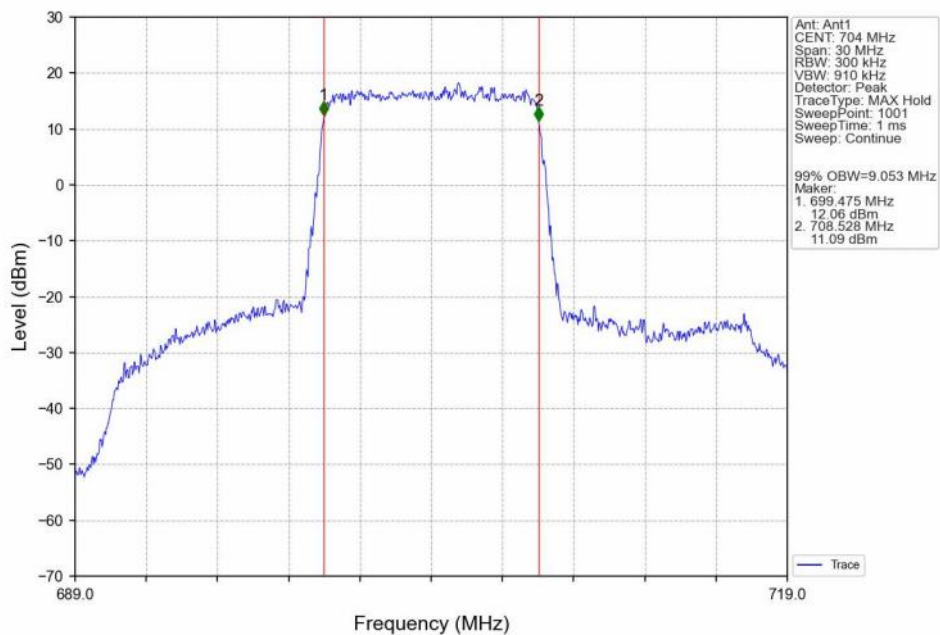
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



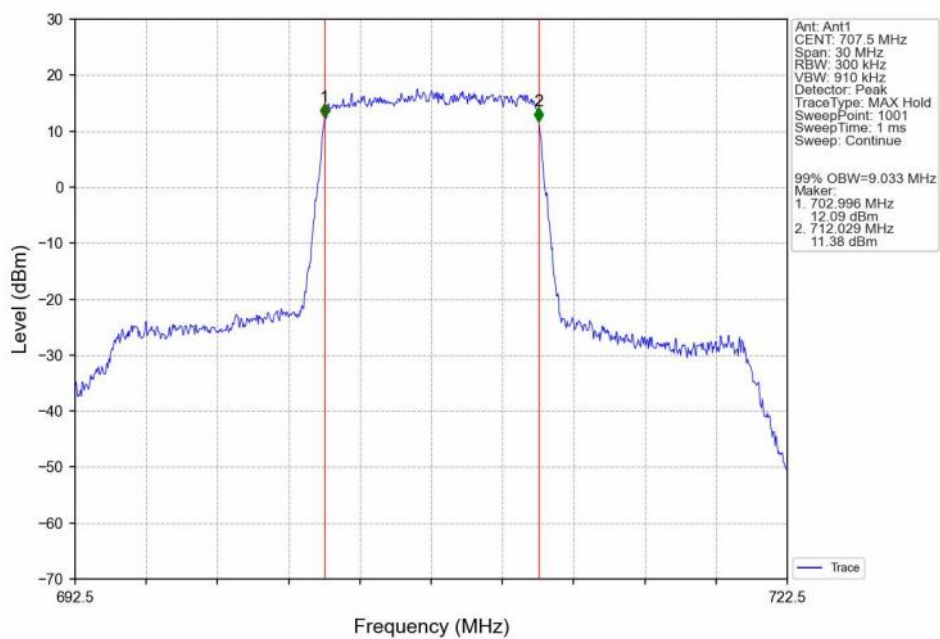
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



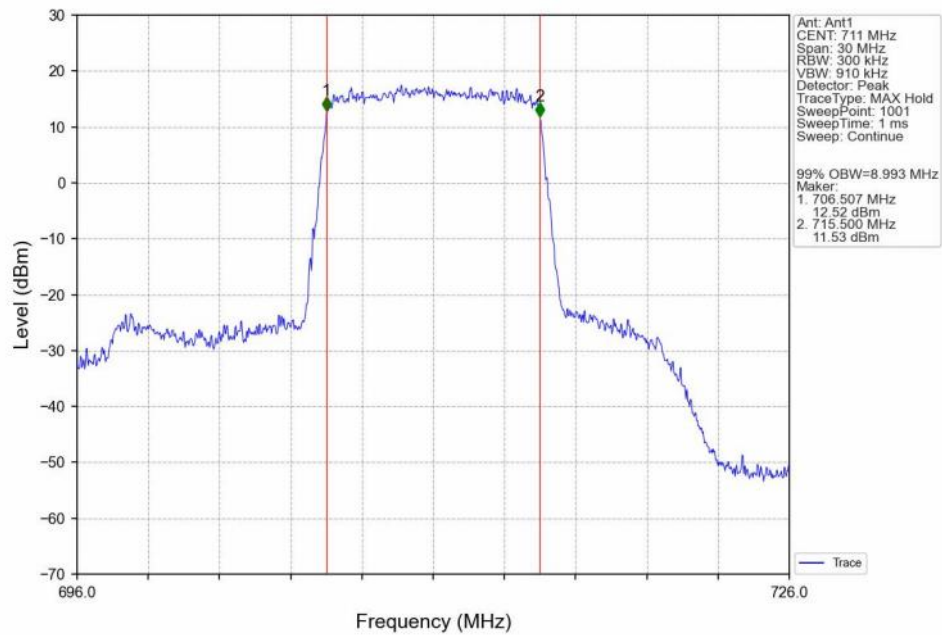
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



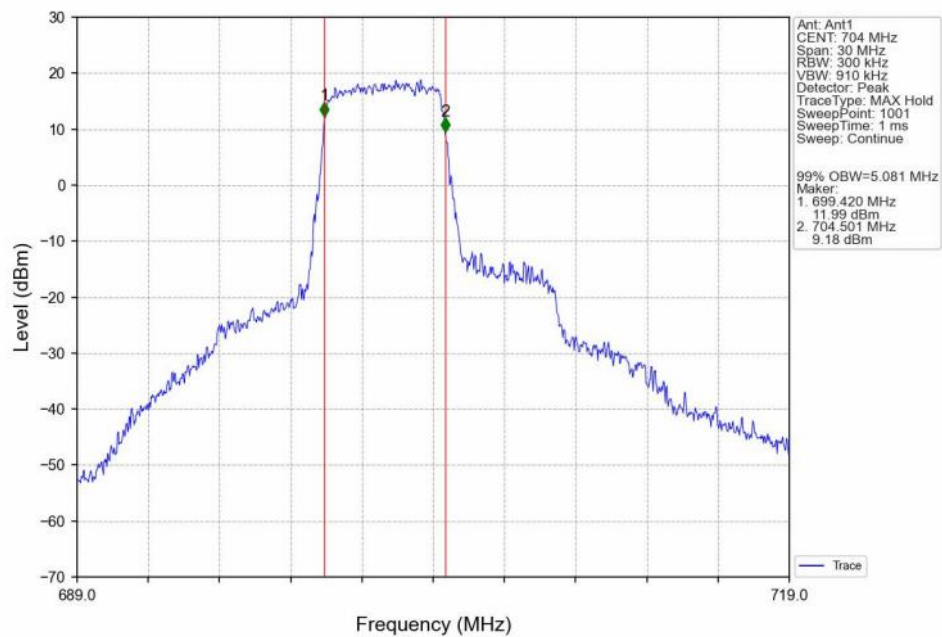
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



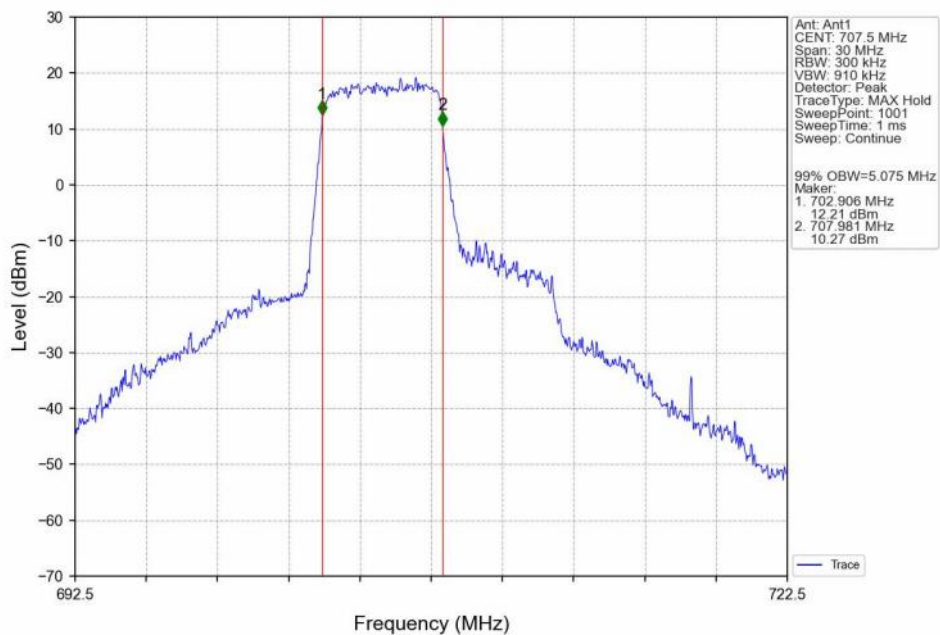
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



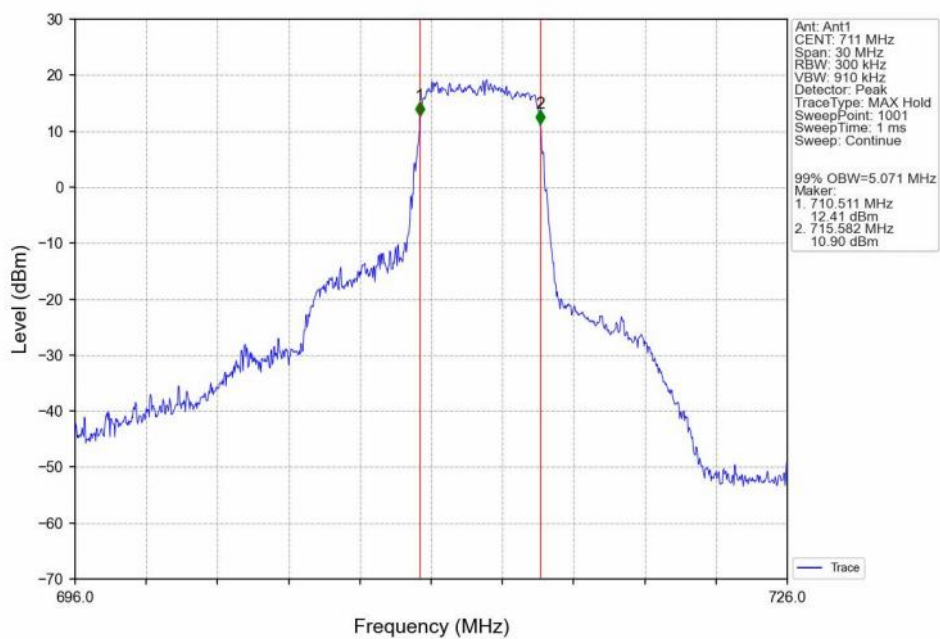
Band12_10MHz_16QAM_LCH_704MHz_RB_27_0_NTNV



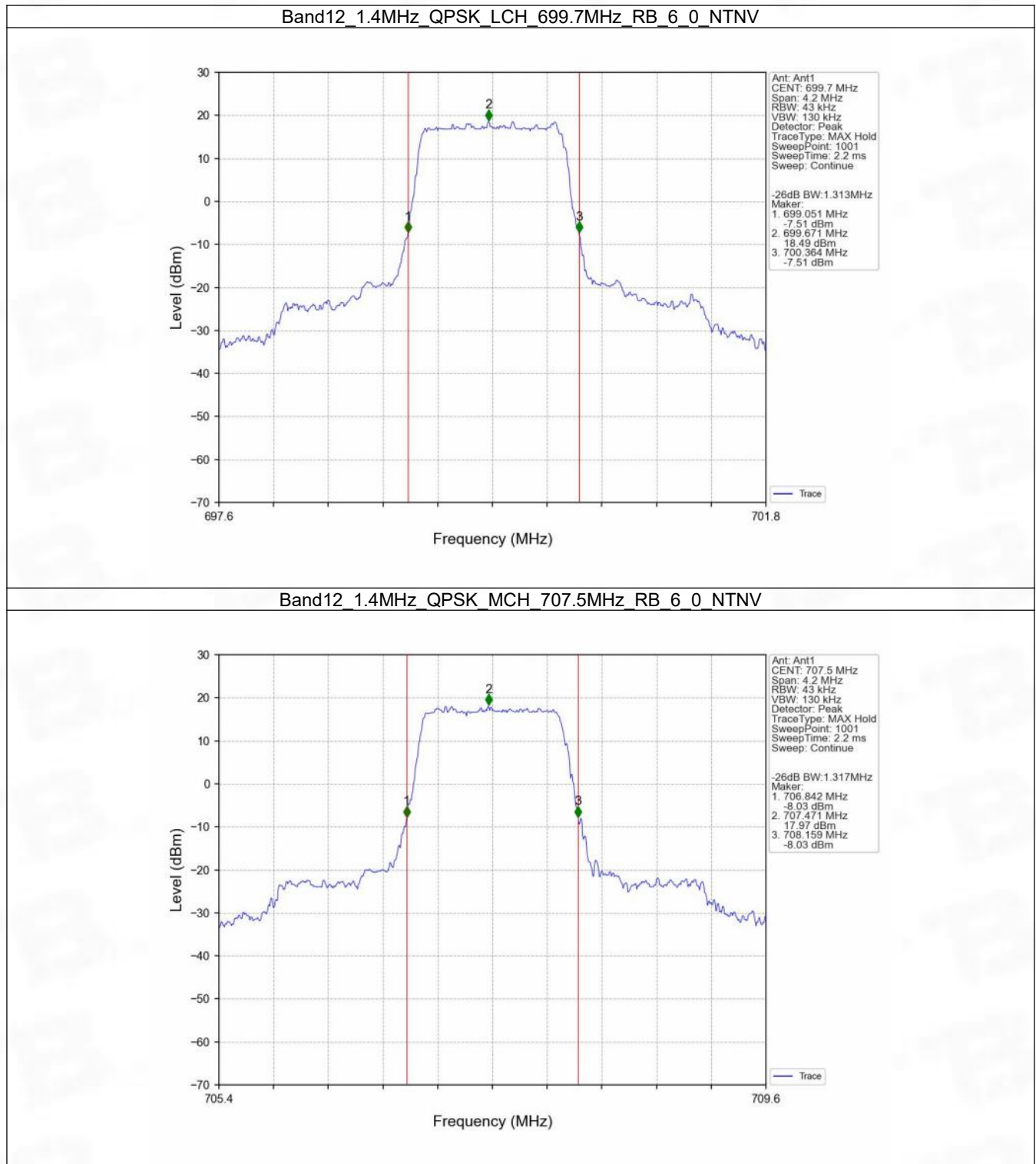
Band12_10MHz_16QAM_MCH_707.5MHz_RB_27_0_NTNV



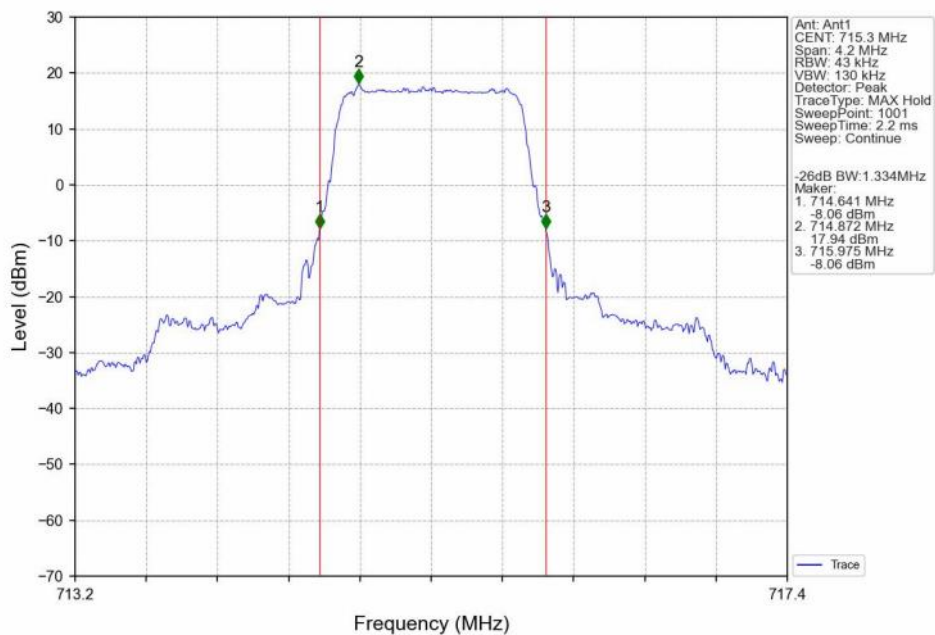
Band12_10MHz_16QAM_HCH_711MHz_RB_27_23_NTNV



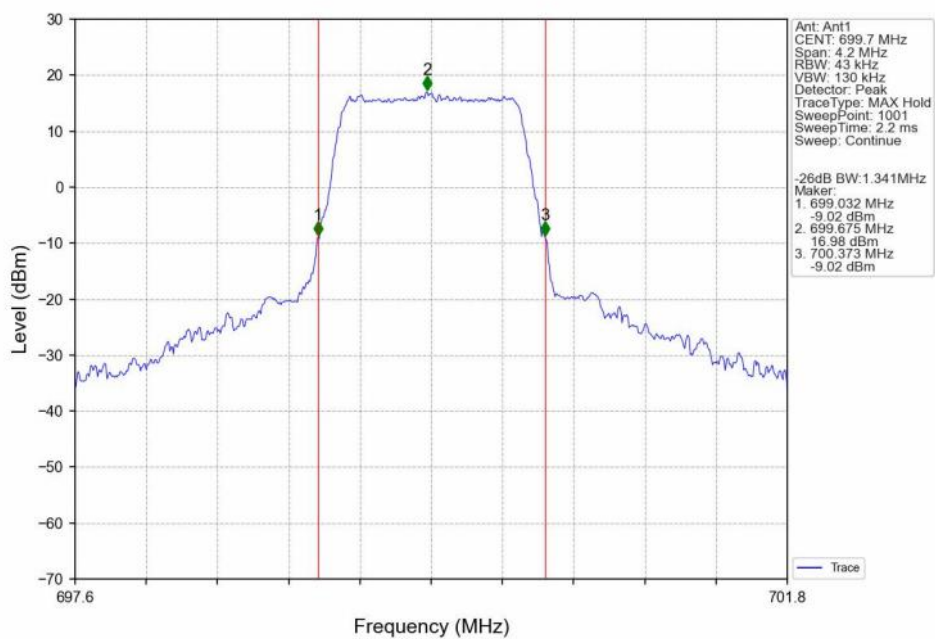
4.2.2 Band12_XDB



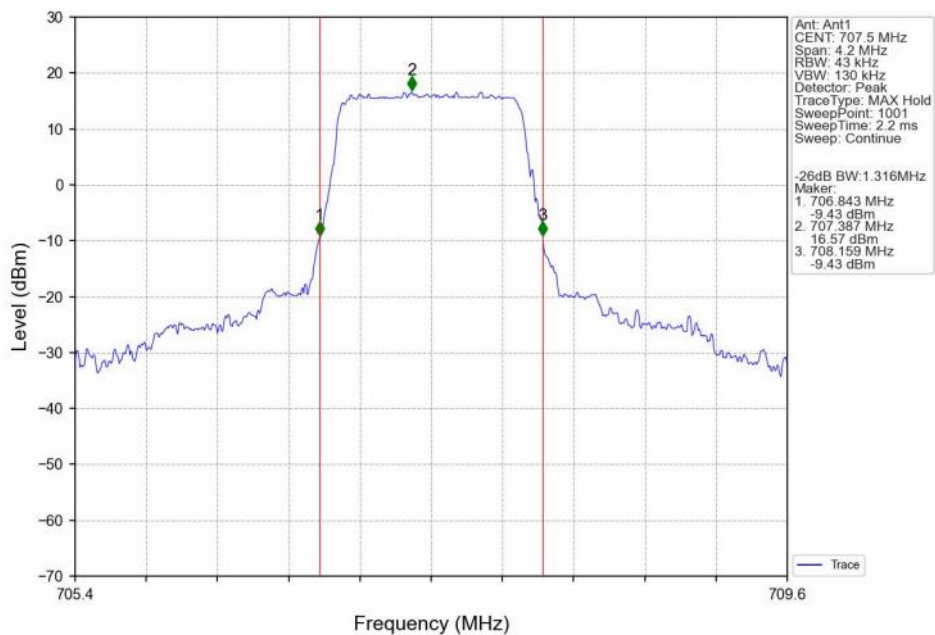
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



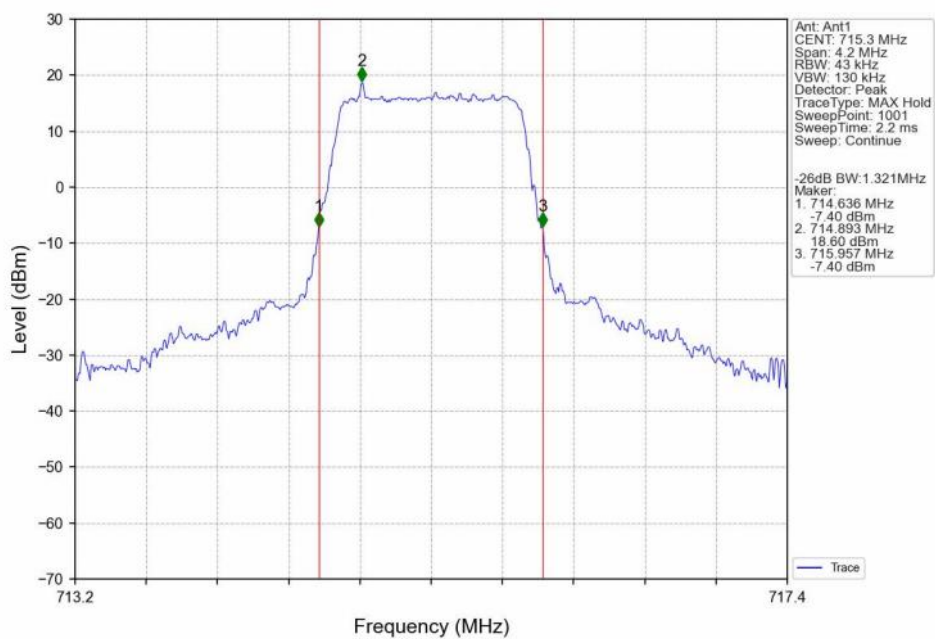
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



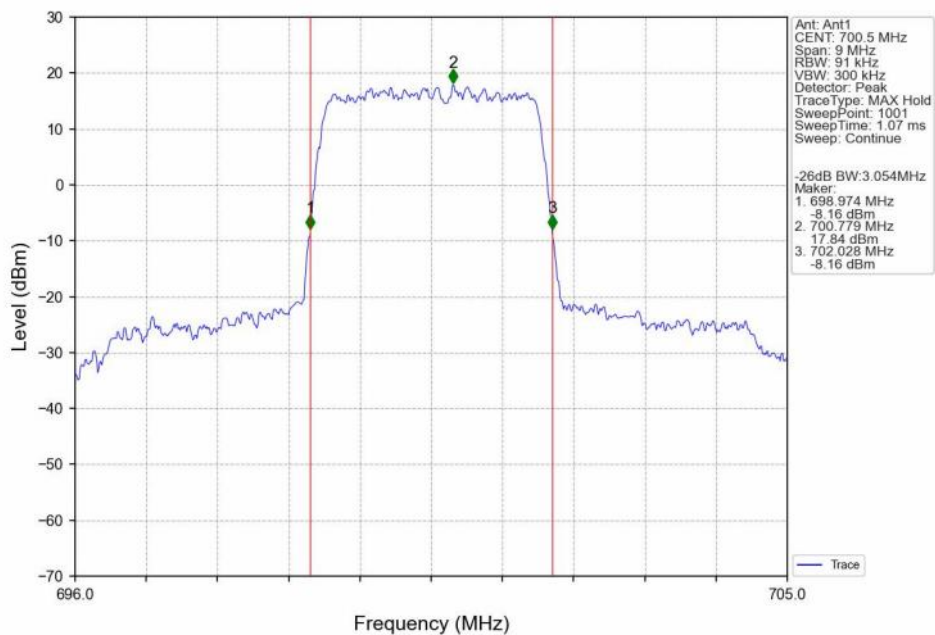
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



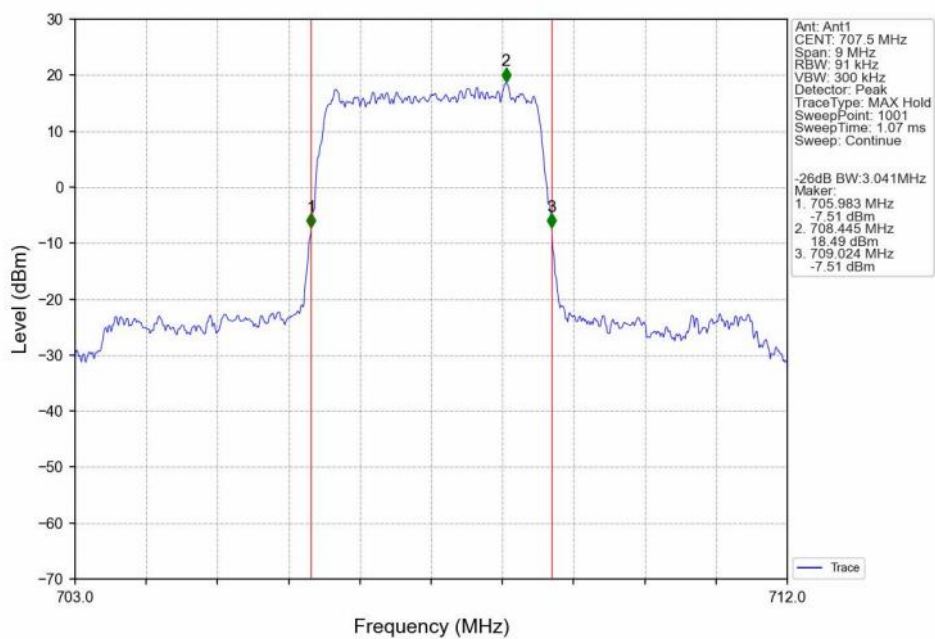
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



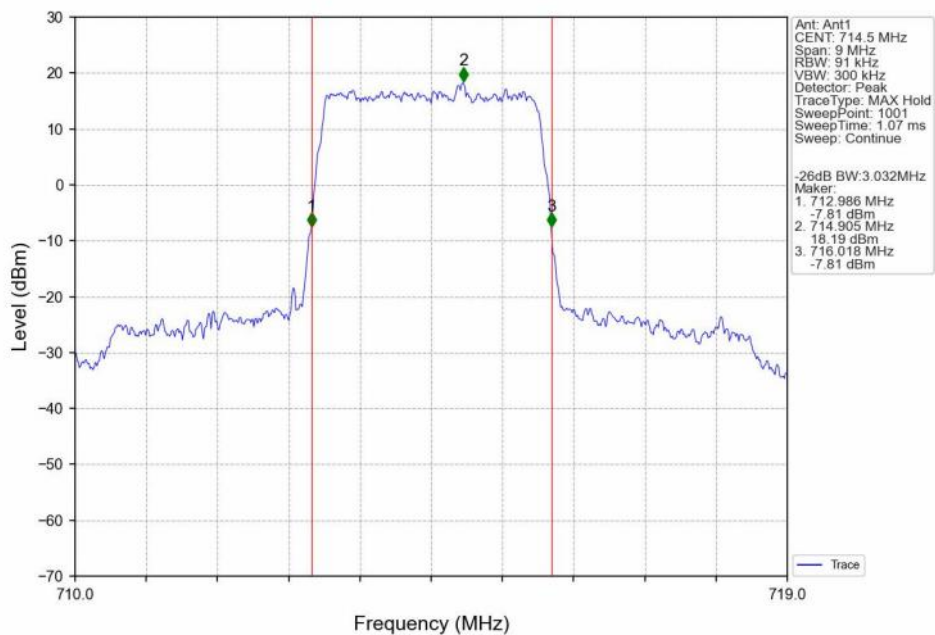
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



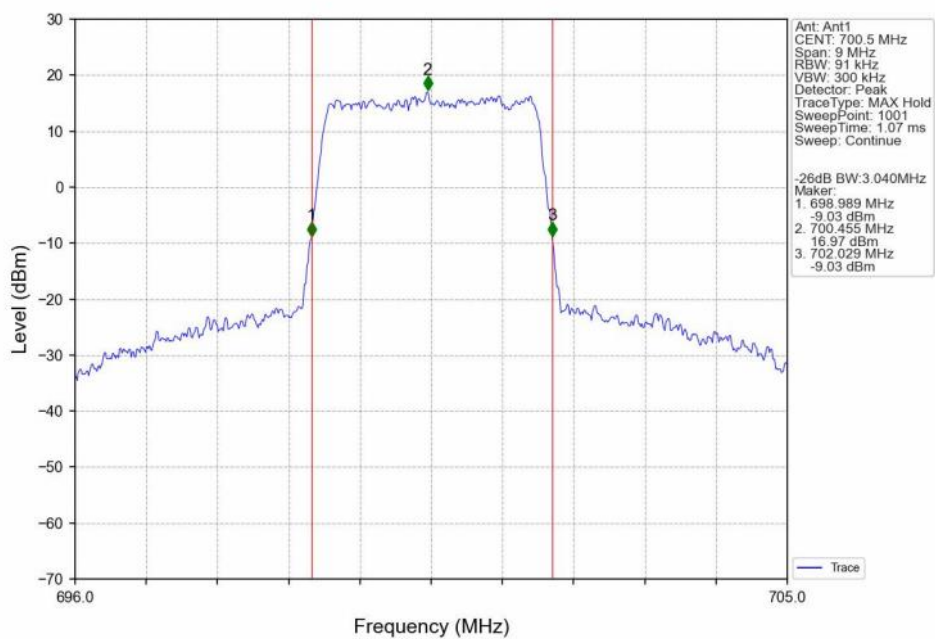
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



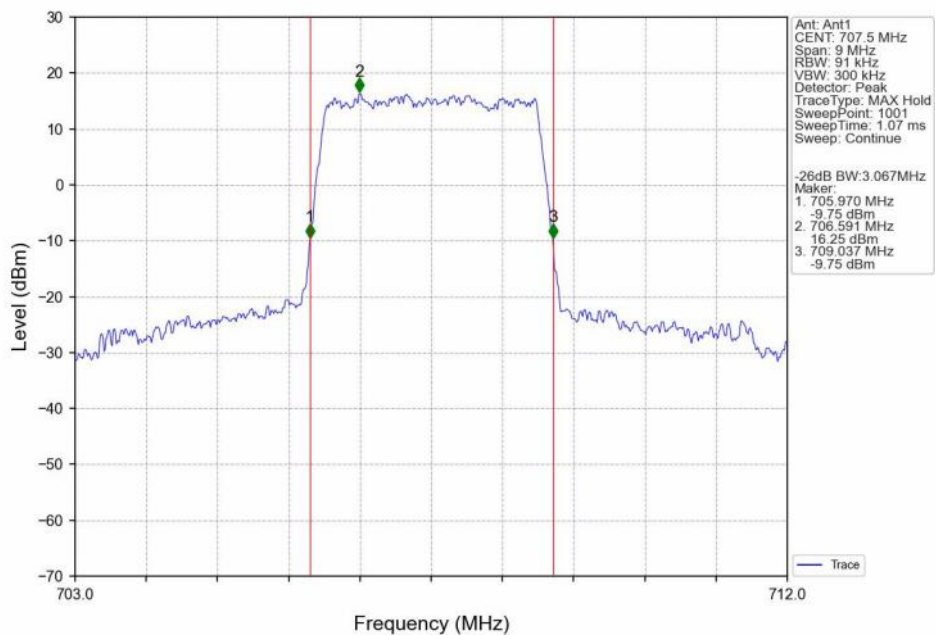
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



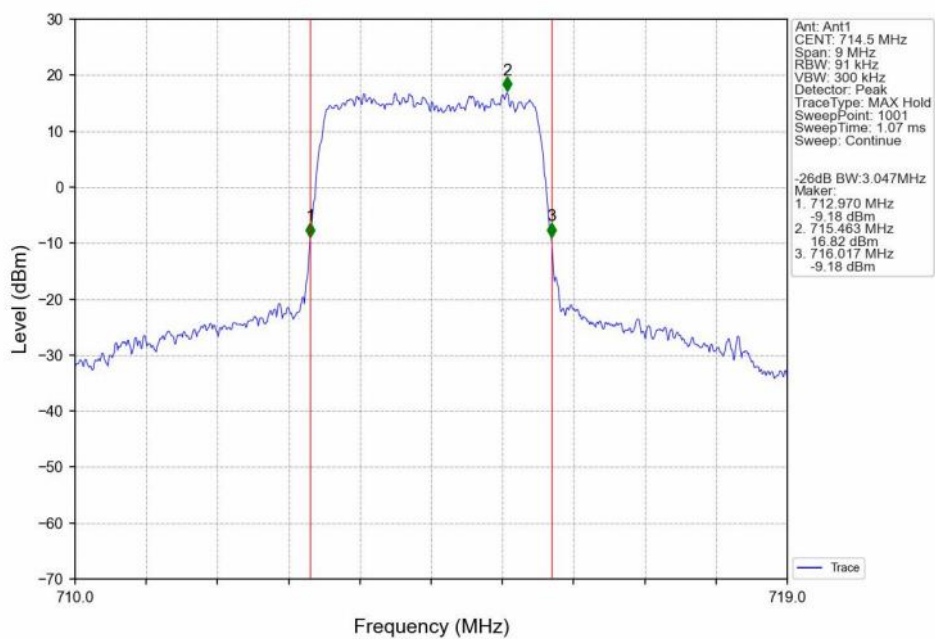
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



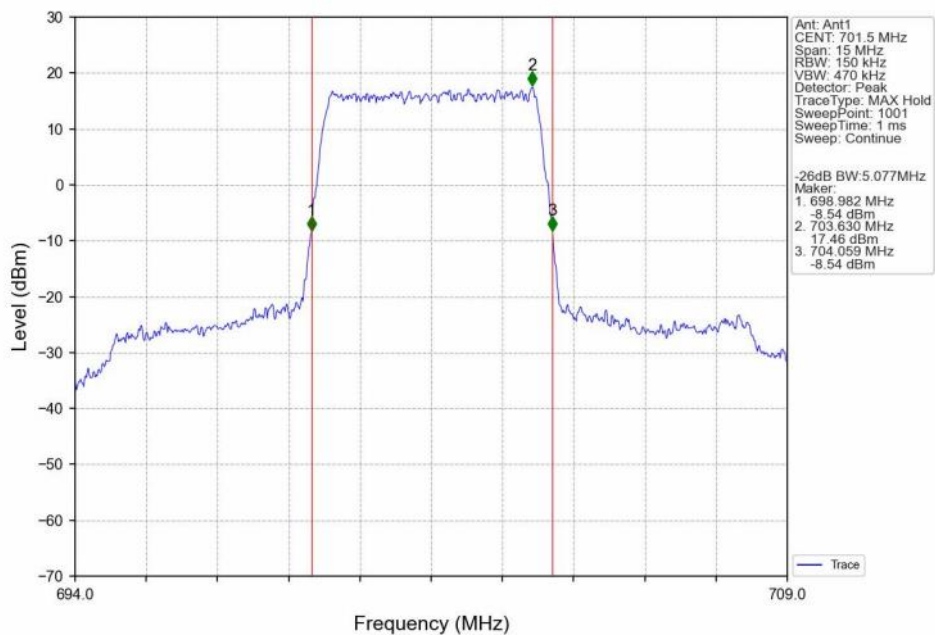
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



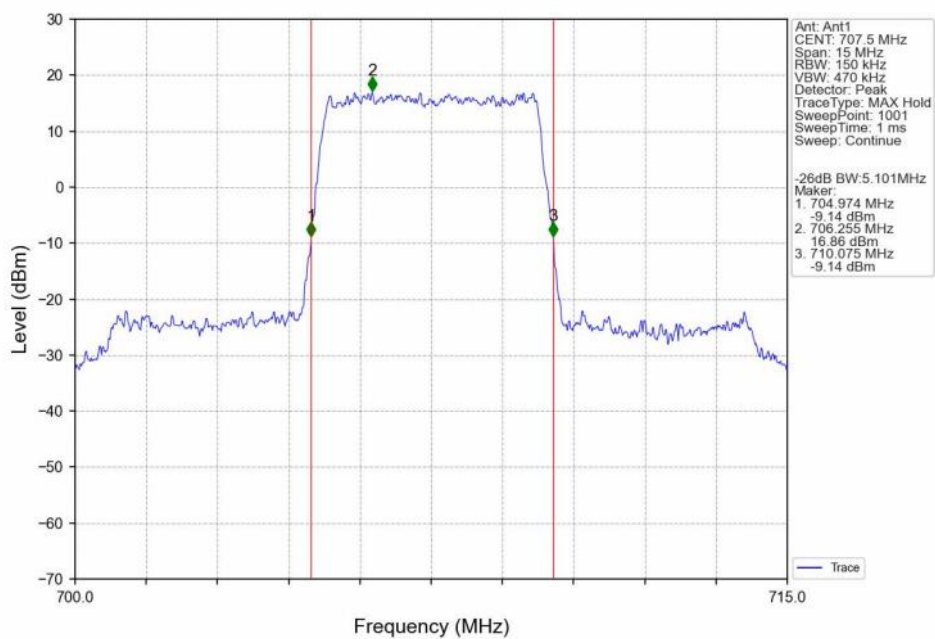
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



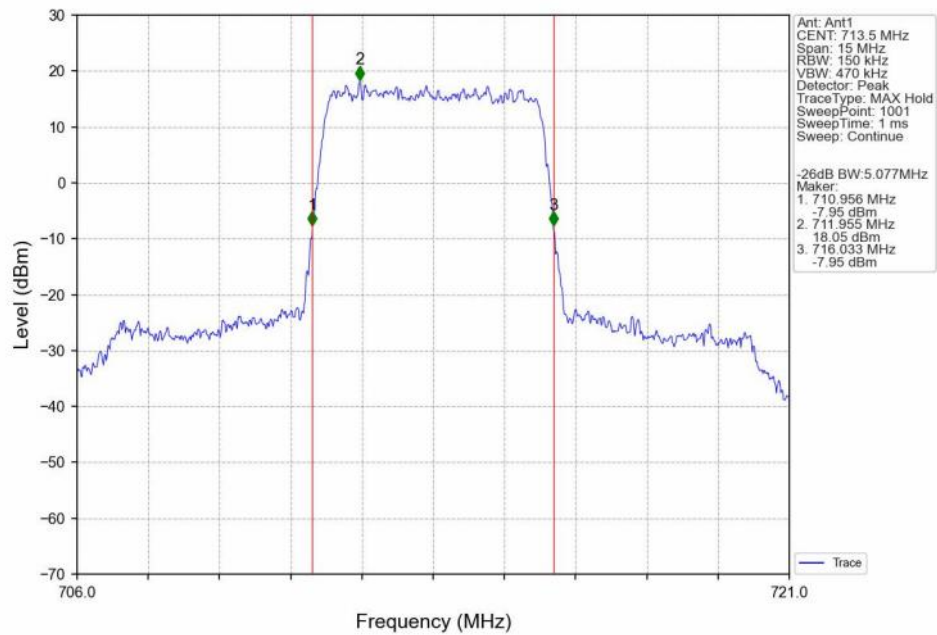
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



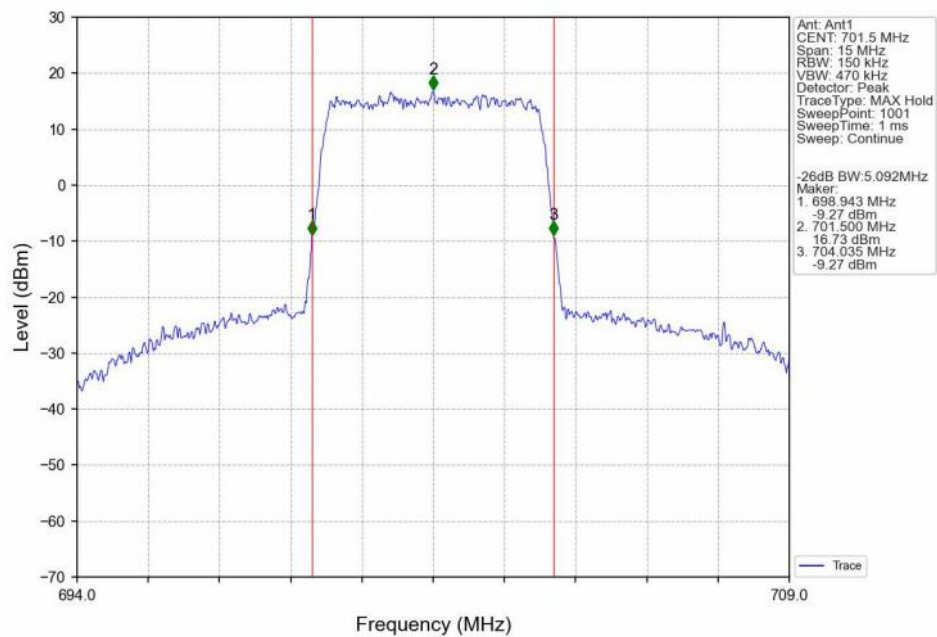
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



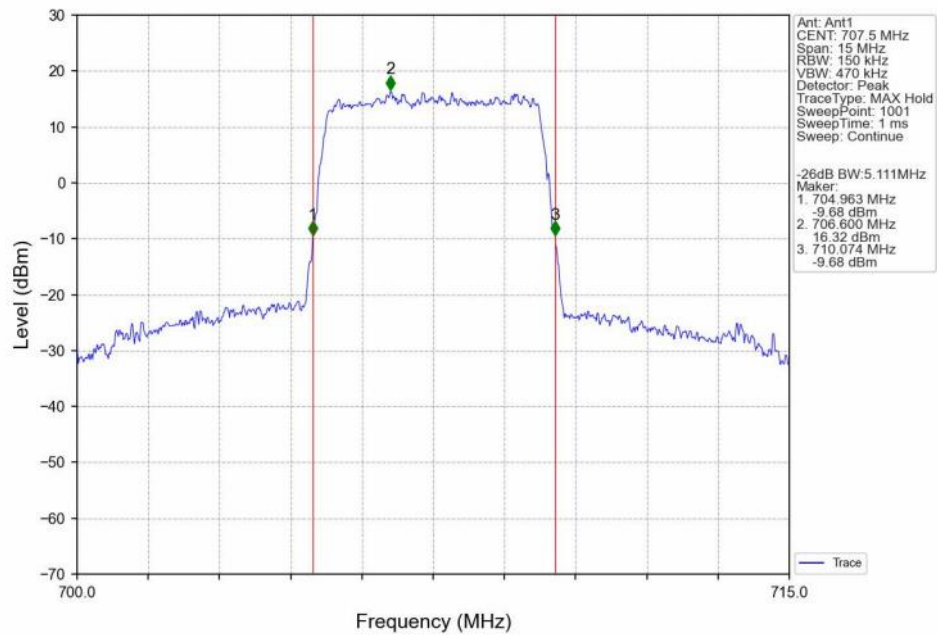
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



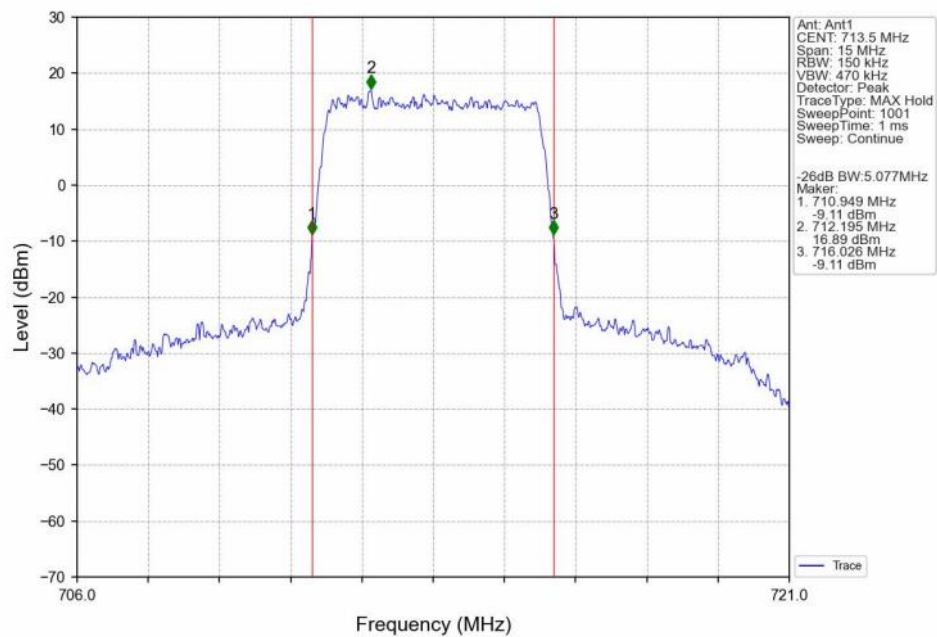
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



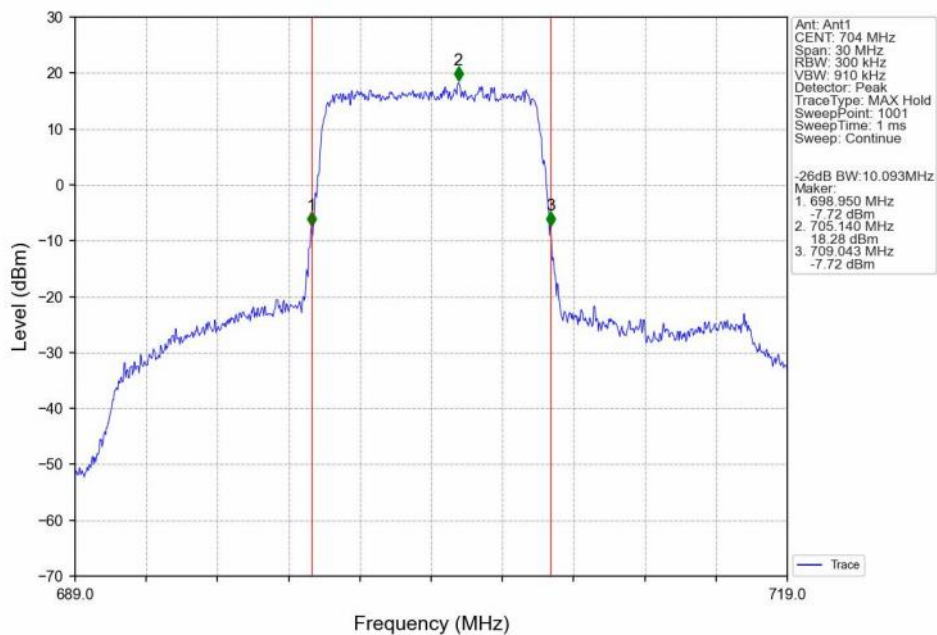
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



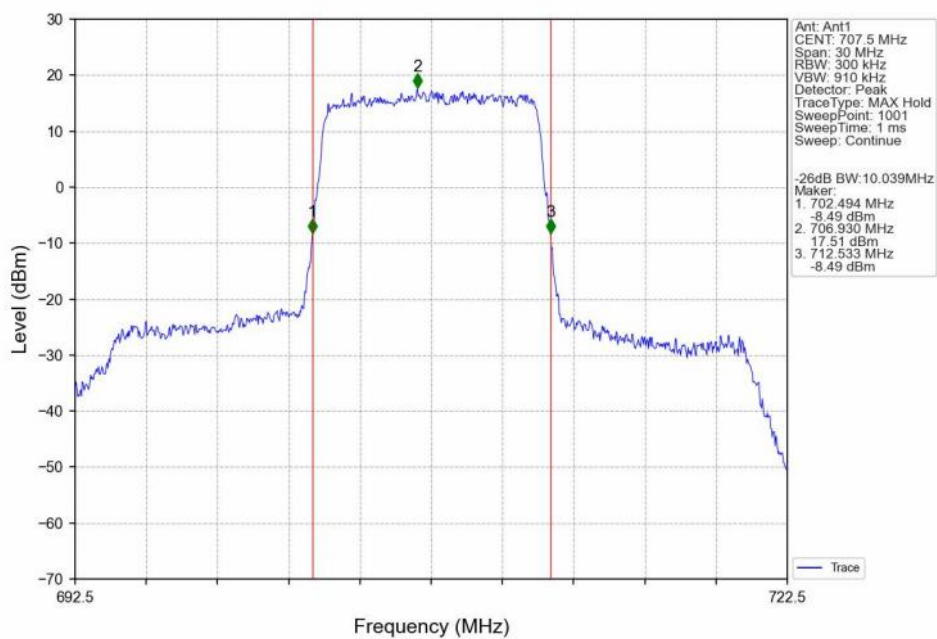
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



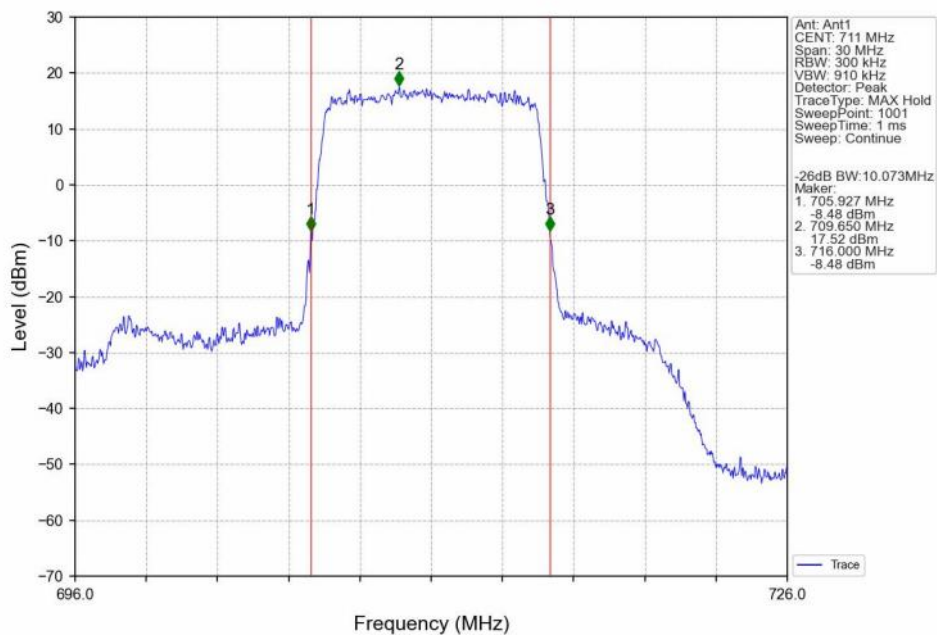
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



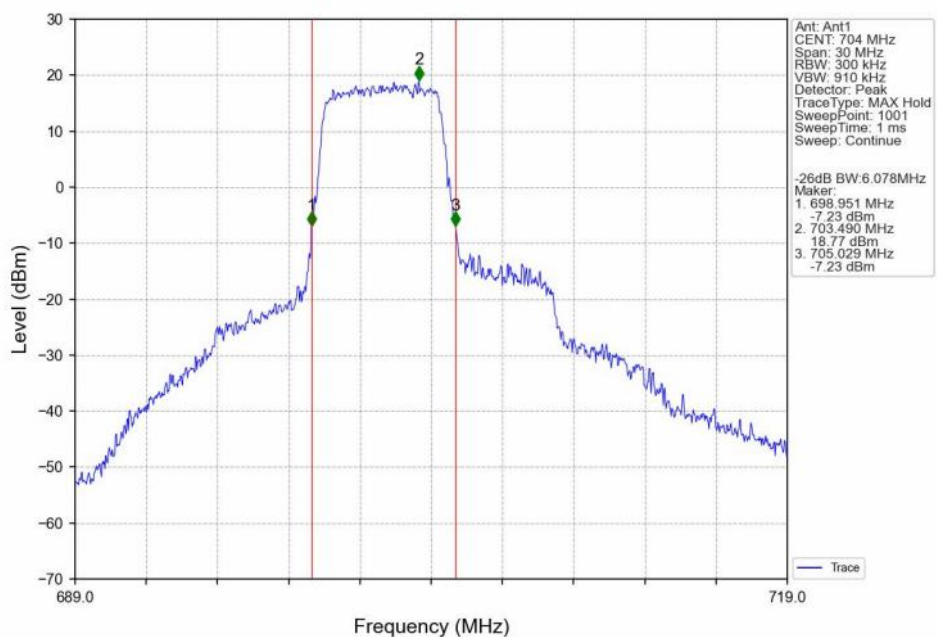
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



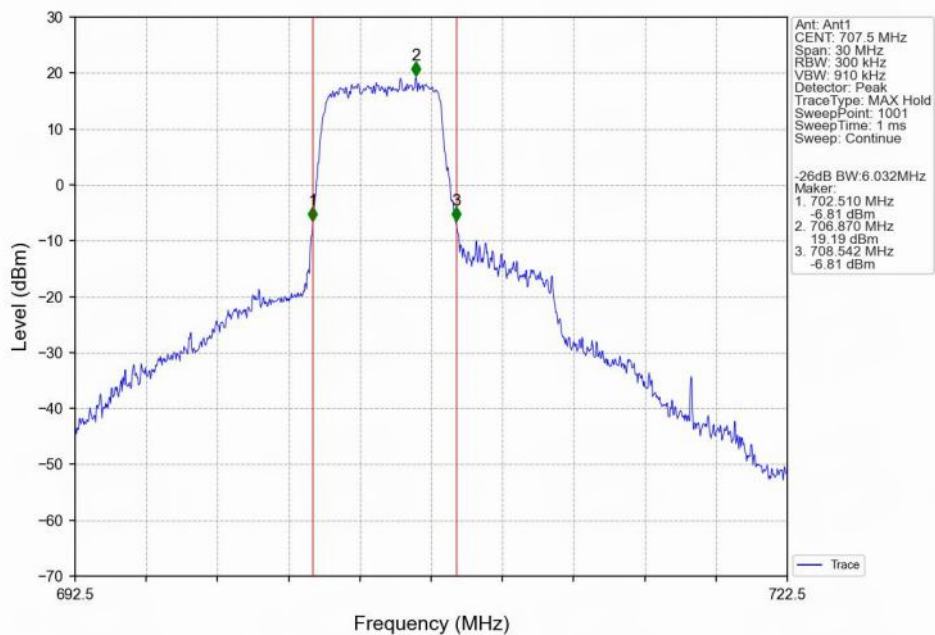
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



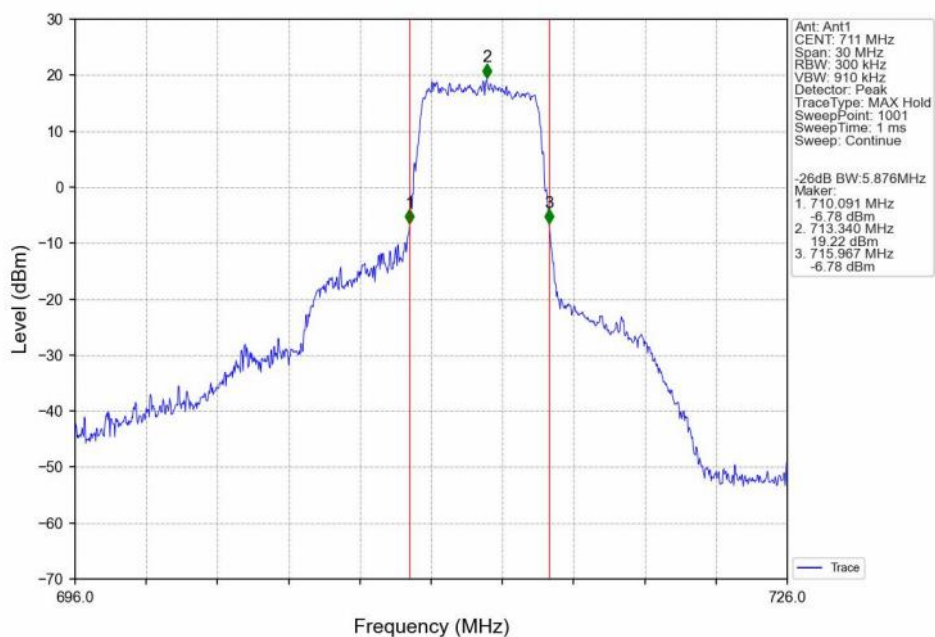
Band12_10MHz_16QAM_LCH_704MHz_RB_27_0_NTNV



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	4.63	<=13	Pass
	707.5	6	0	4.73	<=13	Pass
	715.3	6	0	4.65	<=13	Pass
16QAM	699.7	6	0	5.57	<=13	Pass
	707.5	6	0	5.64	<=13	Pass
	715.3	6	0	5.58	<=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	4.82	<=13	Pass
	707.5	15	0	4.82	<=13	Pass
	714.5	15	0	4.78	<=13	Pass
16QAM	700.5	15	0	5.69	<=13	Pass
	707.5	15	0	5.75	<=13	Pass
	714.5	15	0	5.73	<=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	5.00	<=13	Pass
	707.5	25	0	4.98	<=13	Pass
	713.5	25	0	4.97	<=13	Pass
16QAM	701.5	25	0	5.82	<=13	Pass
	707.5	25	0	5.82	<=13	Pass
	713.5	25	0	5.79	<=13	Pass

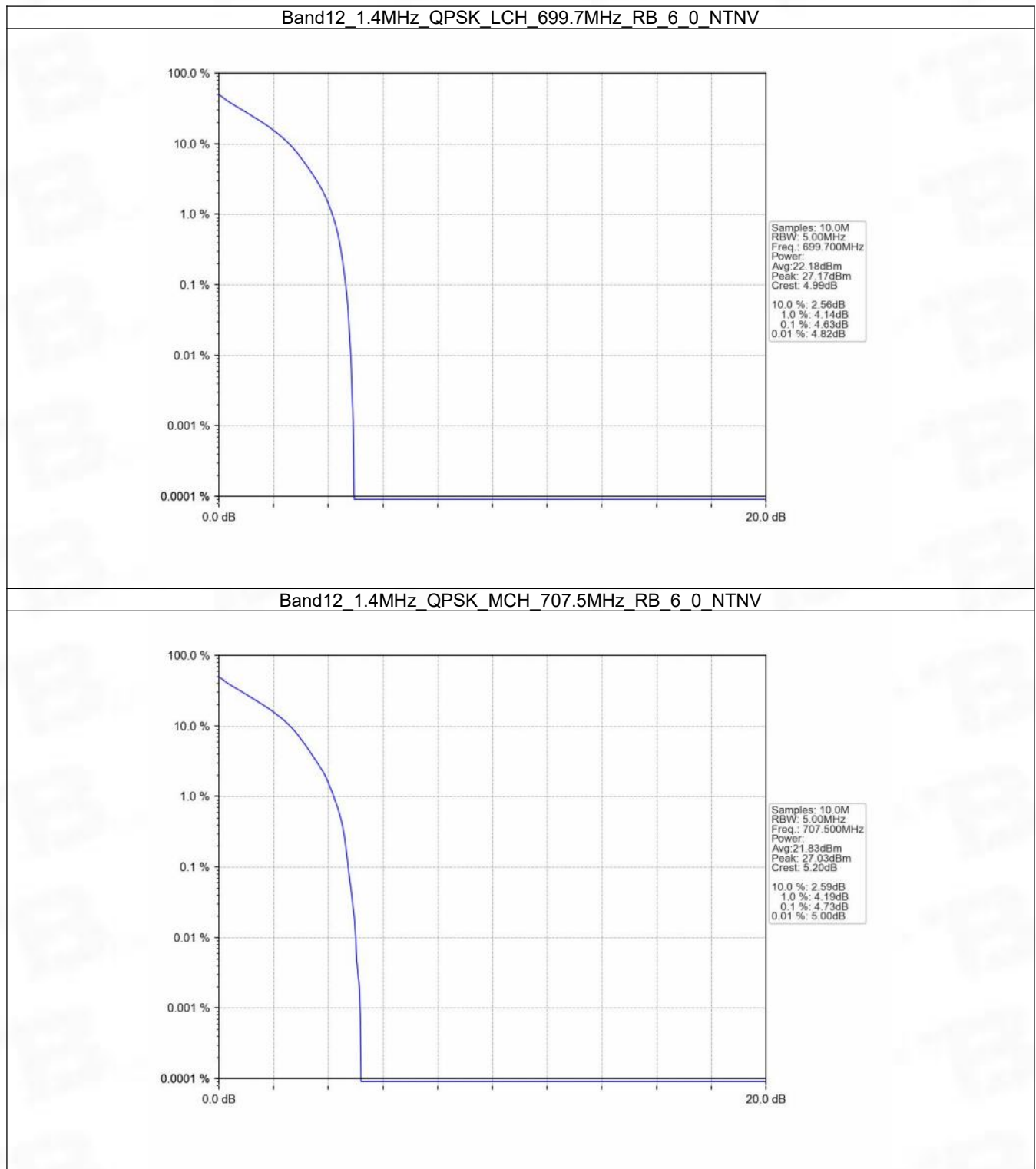
5.1.4 B12_10MHz

Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	704	50	0	5.01	<=13	Pass
	707.5	50	0	5.03	<=13	Pass
	711	50	0	4.94	<=13	Pass
16QAM	704	27	0	5.64	<=13	Pass
	707.5	27	0	5.71	<=13	Pass

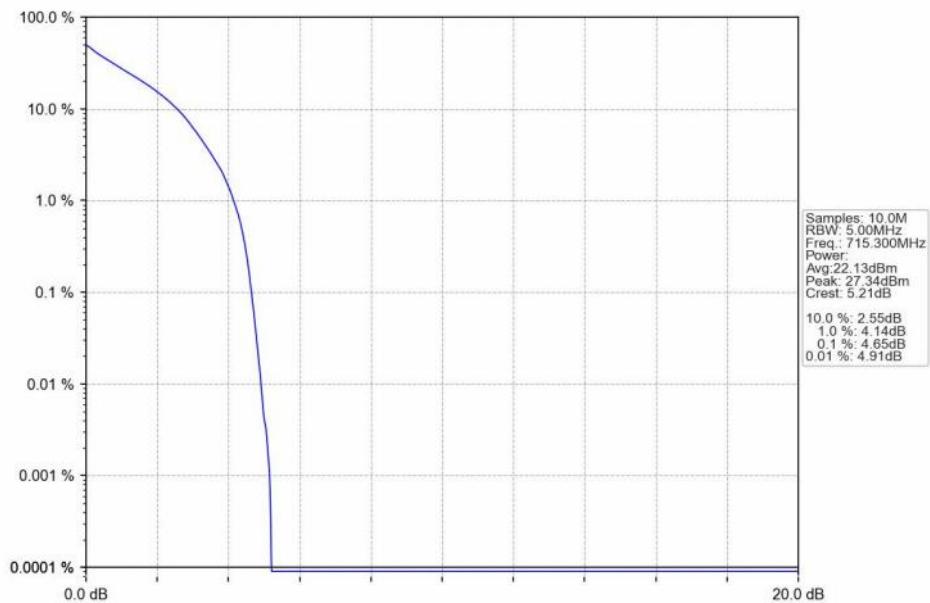
	711	27	23	5.53	<=13	Pass
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5.2 Test Graph

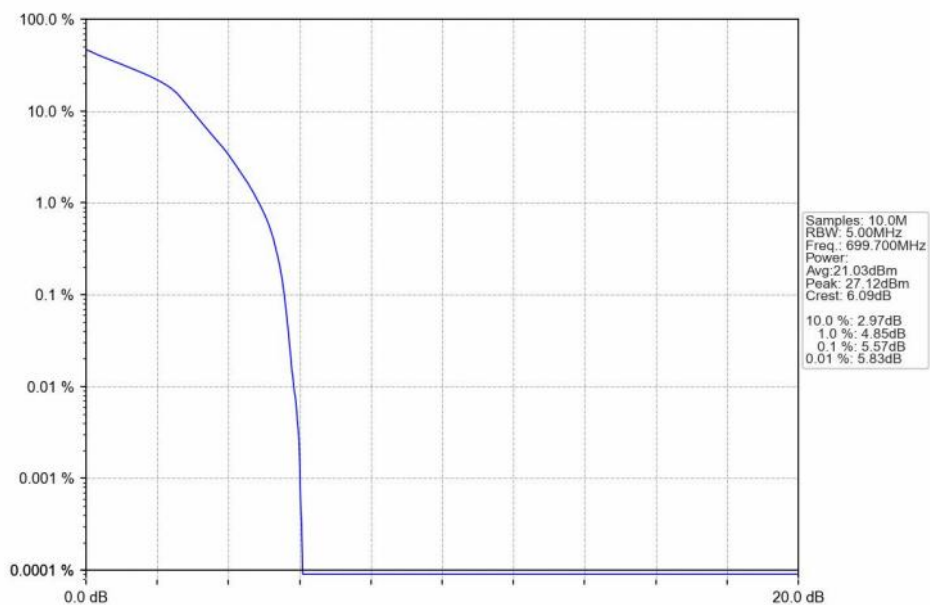
5.2.1 B12_1.4MHz



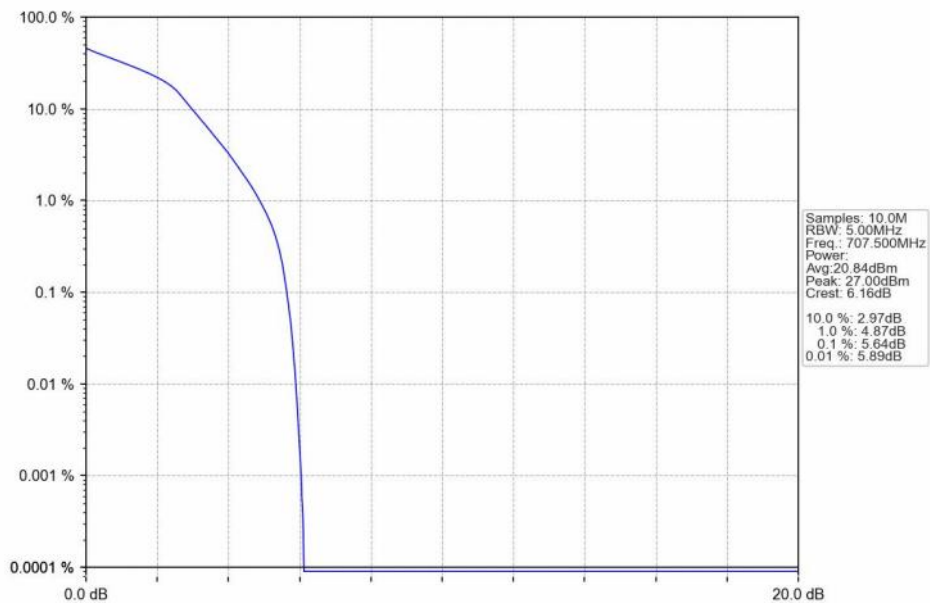
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



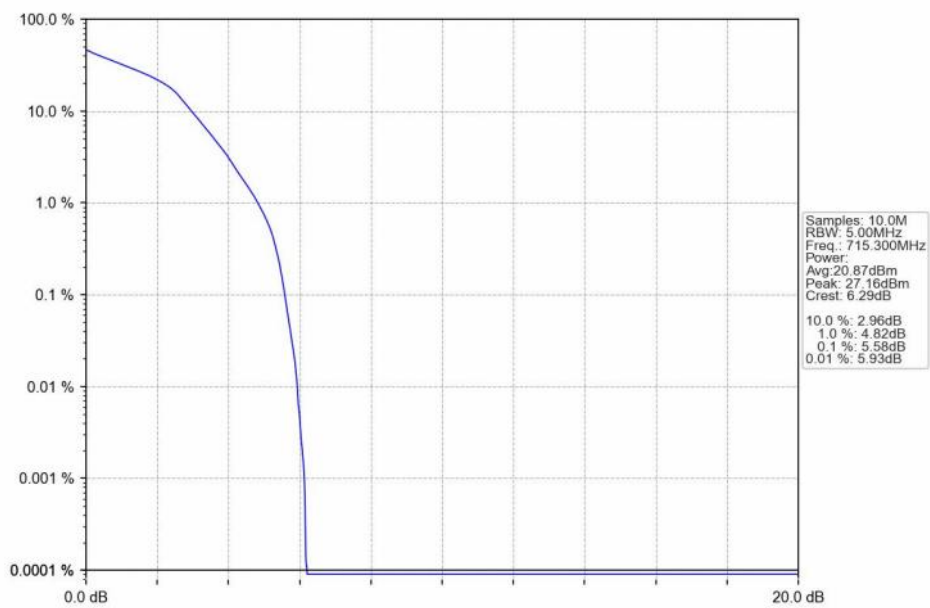
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



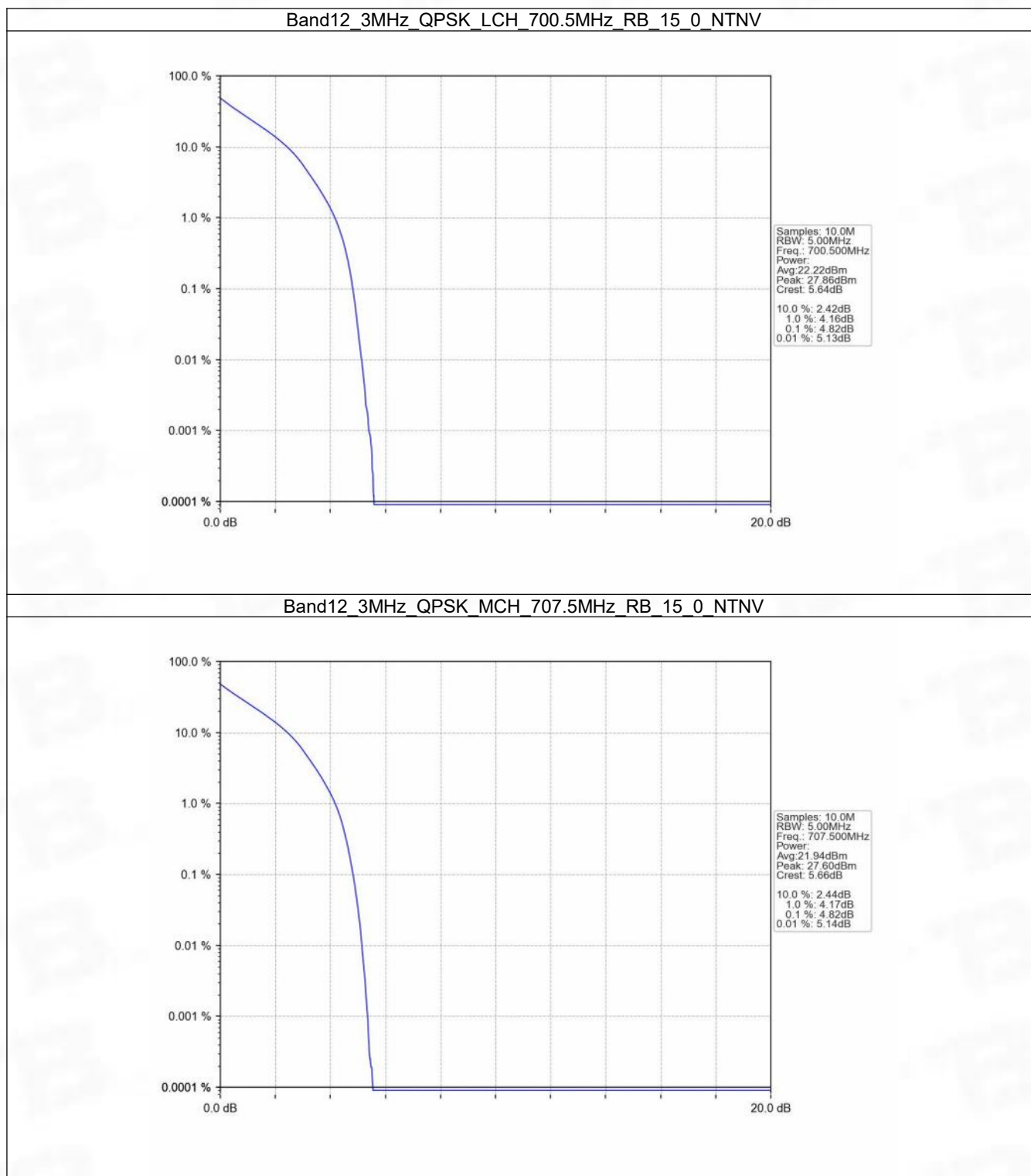
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



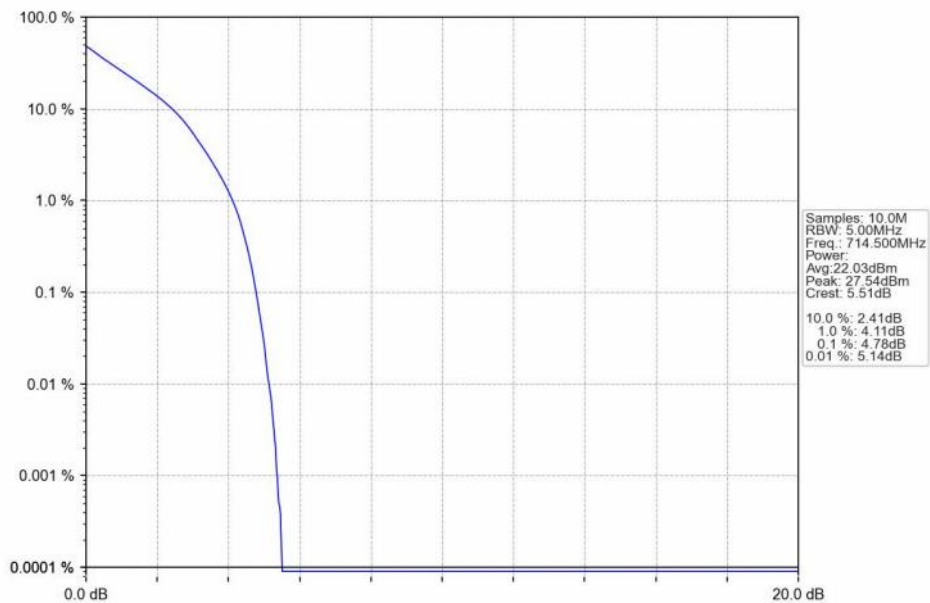
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



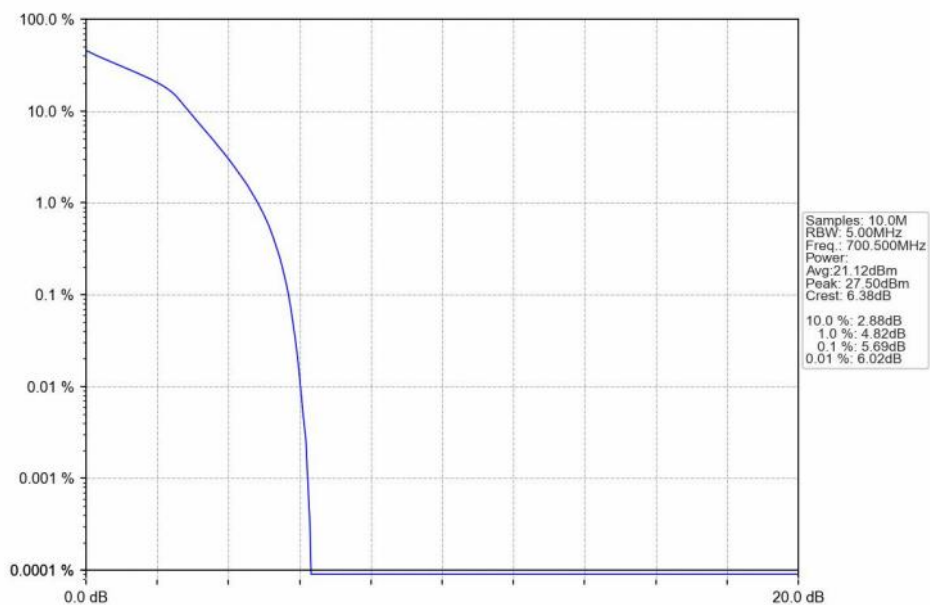
5.2.2 B12_3MHz



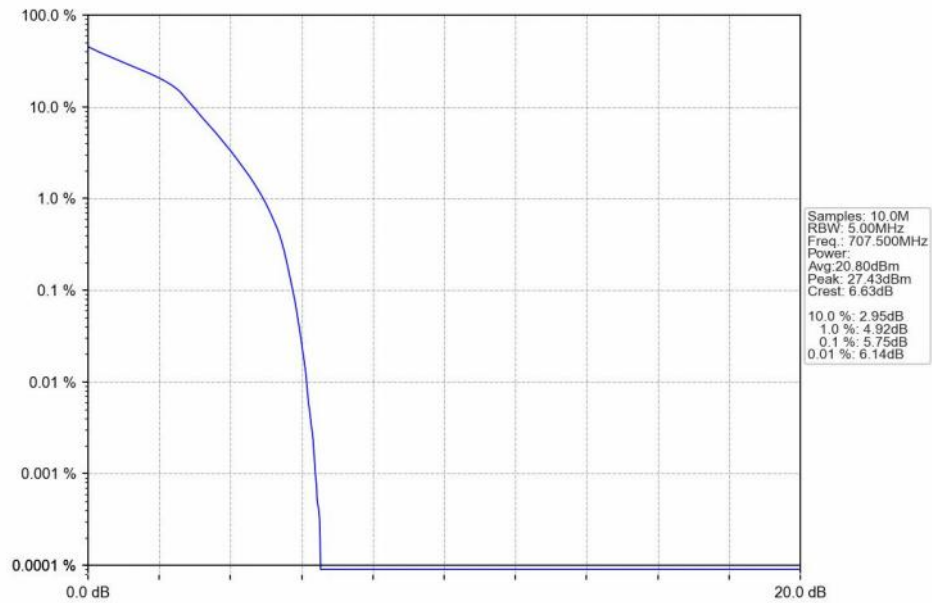
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



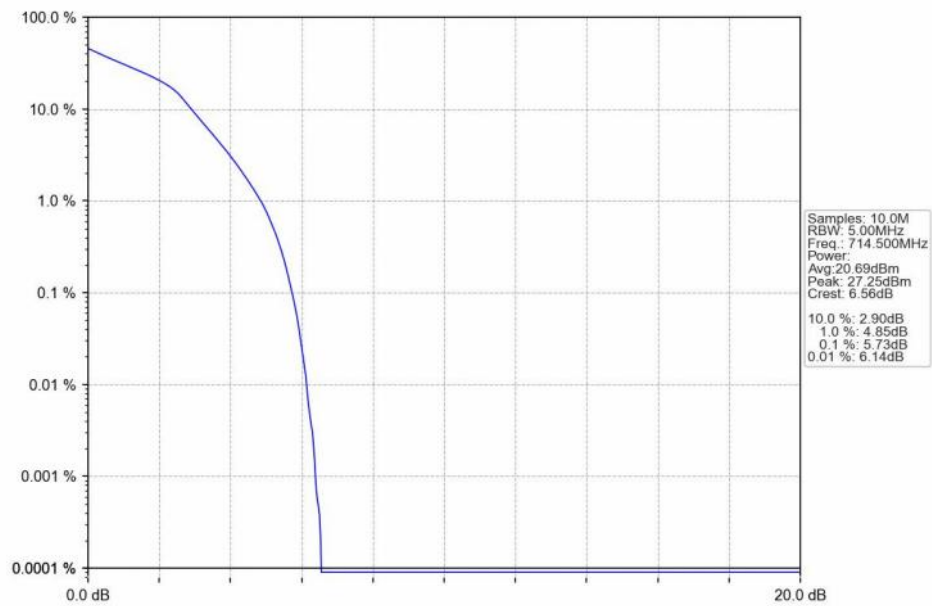
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV

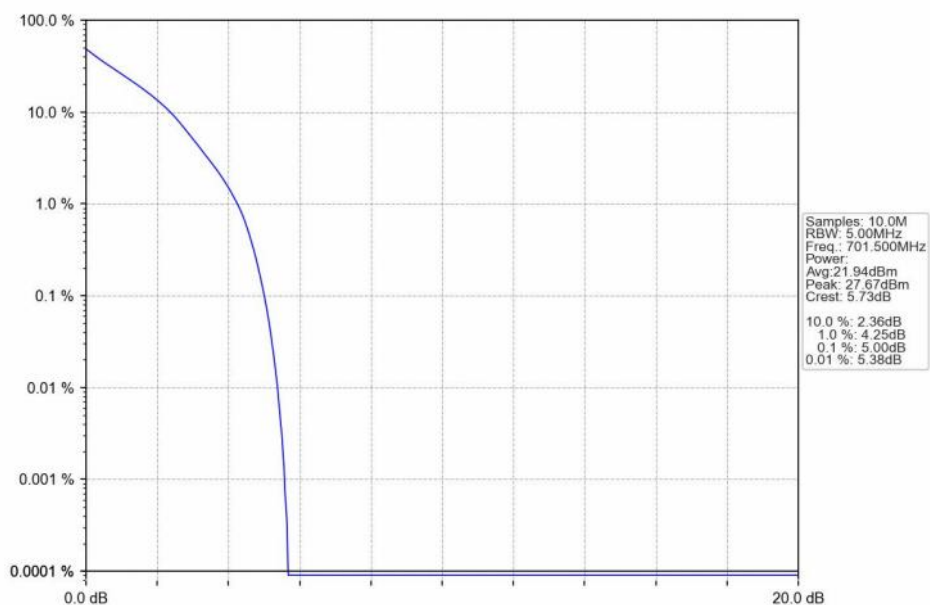


Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV

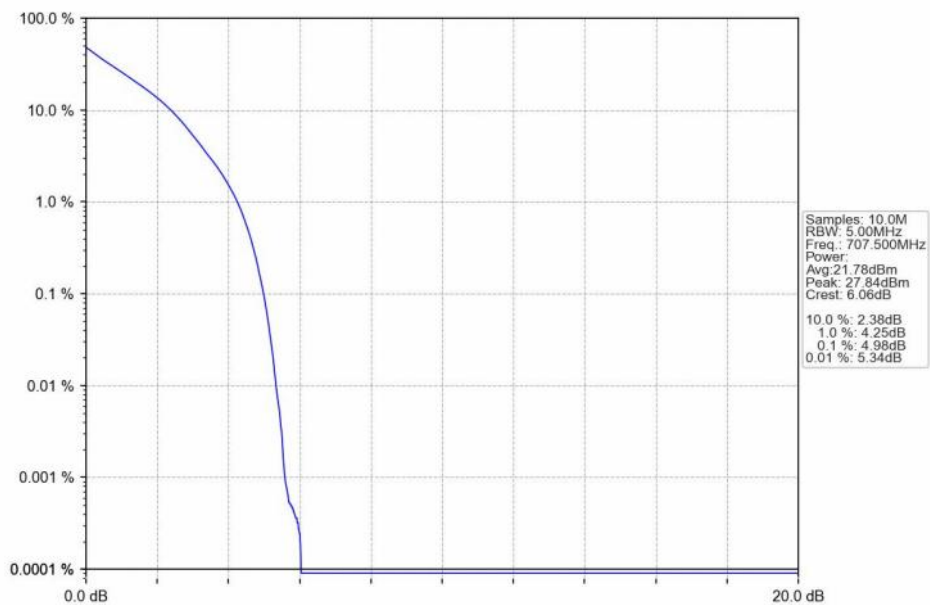


5.2.3 B12_5MHz

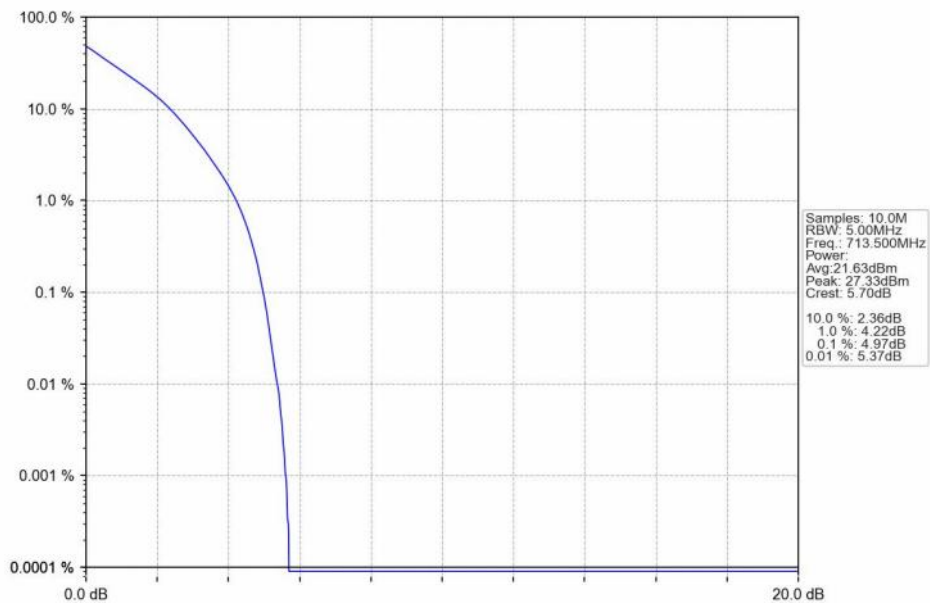
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



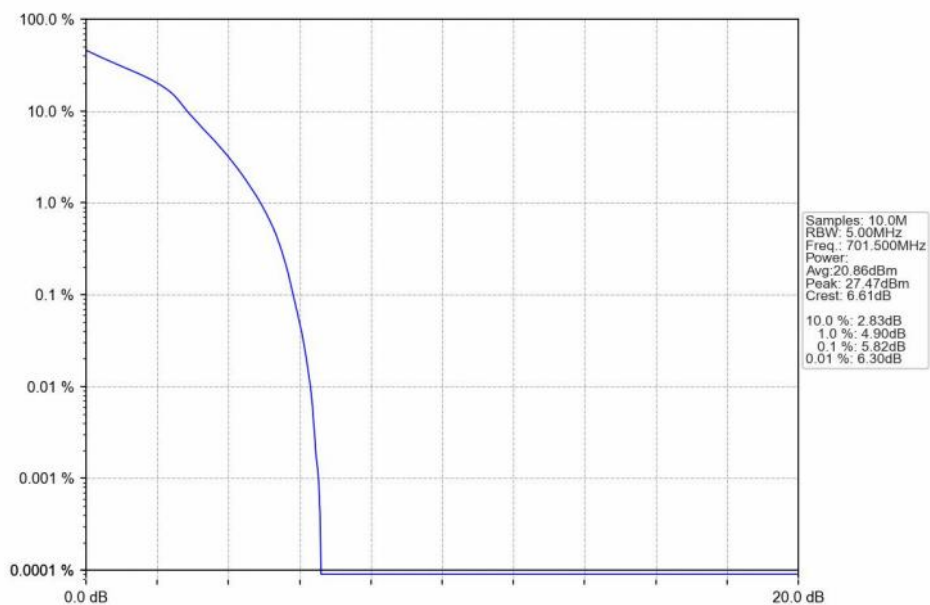
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



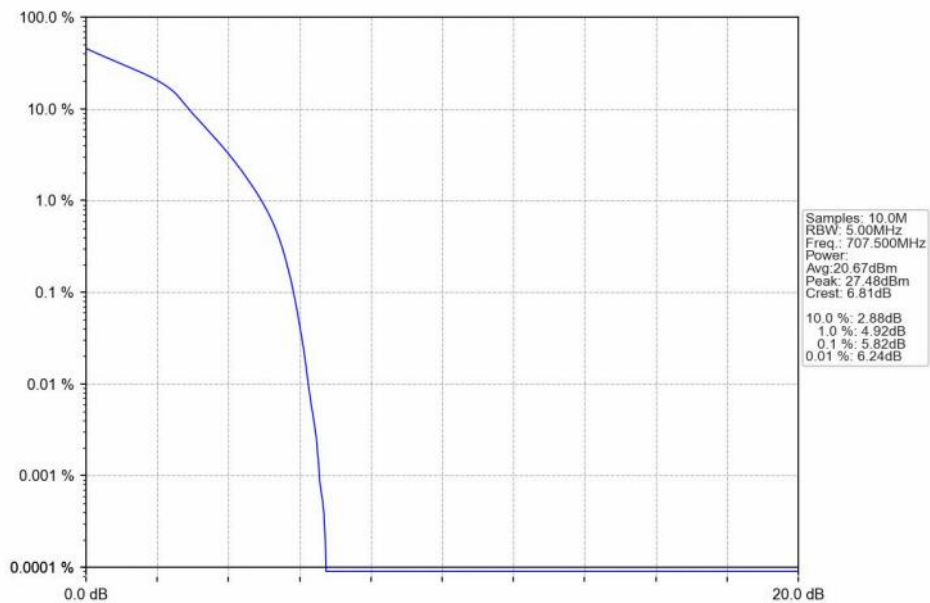
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



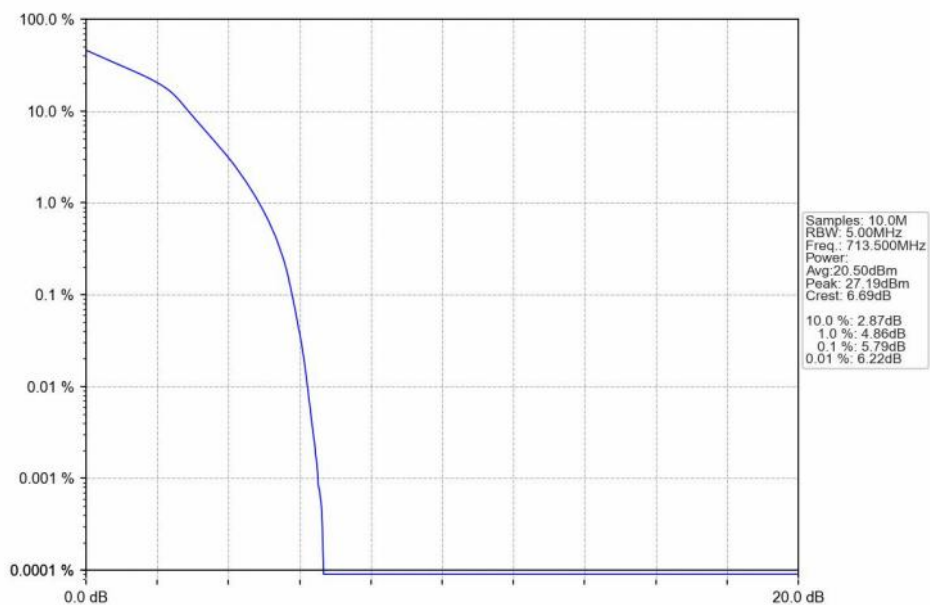
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



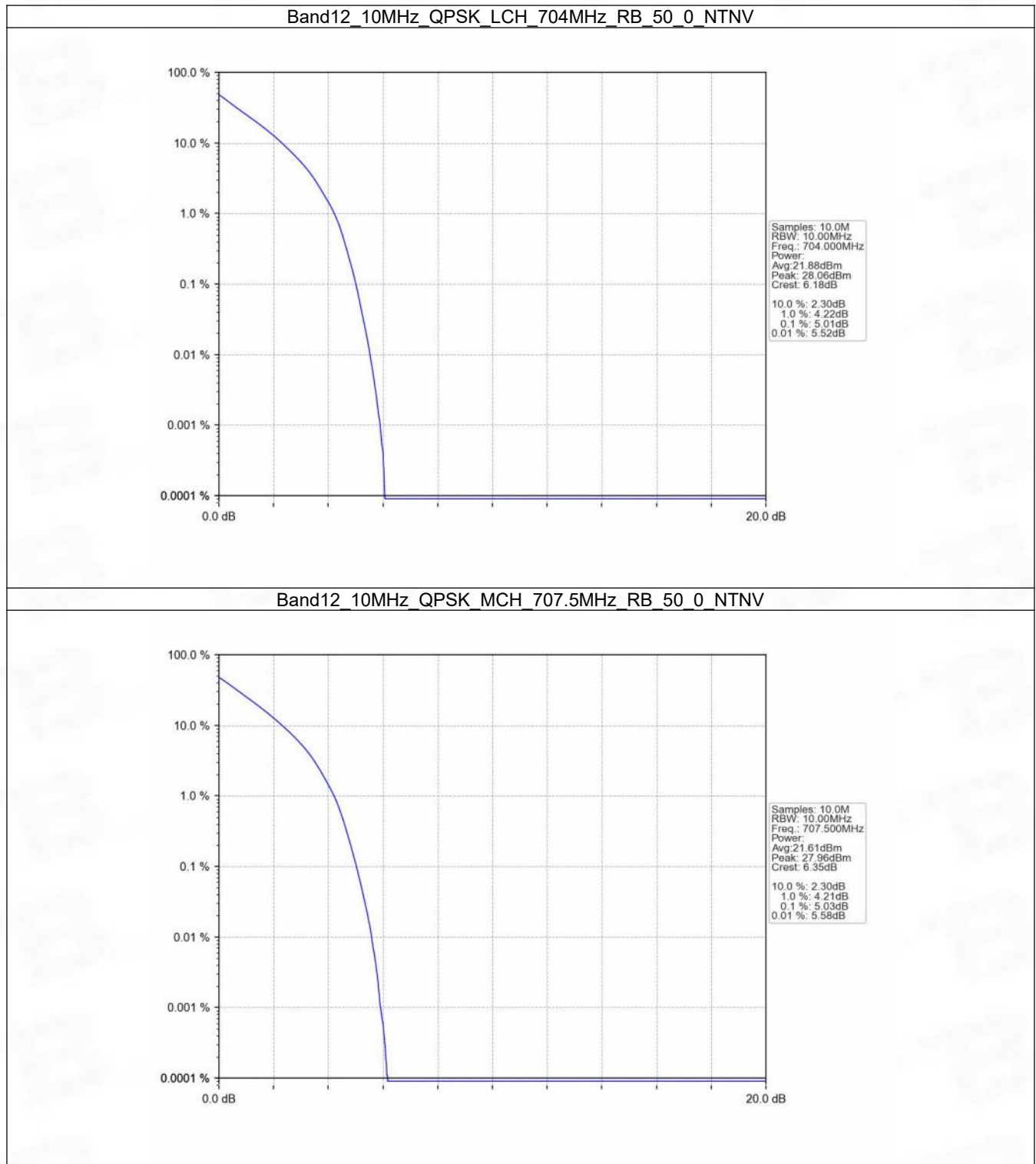
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



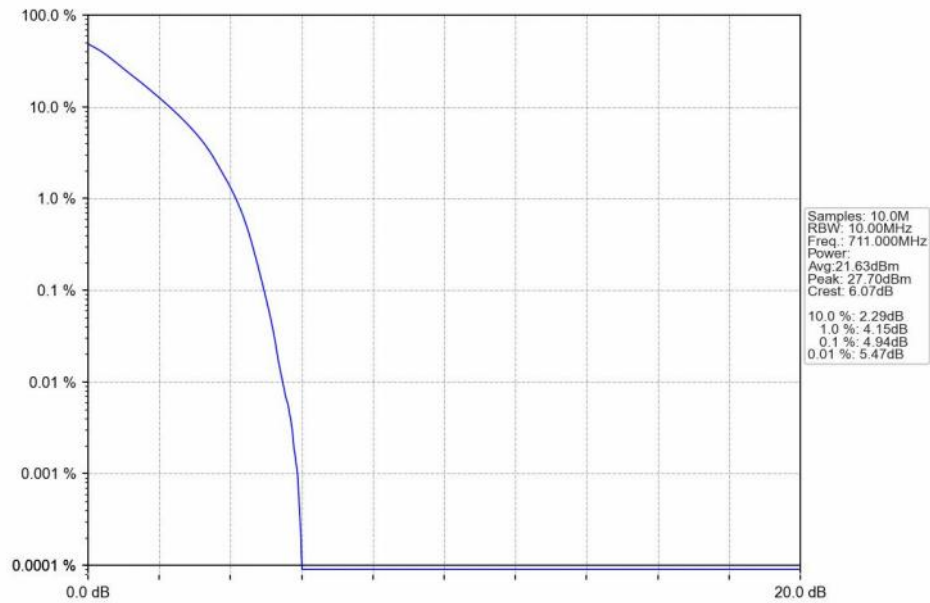
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



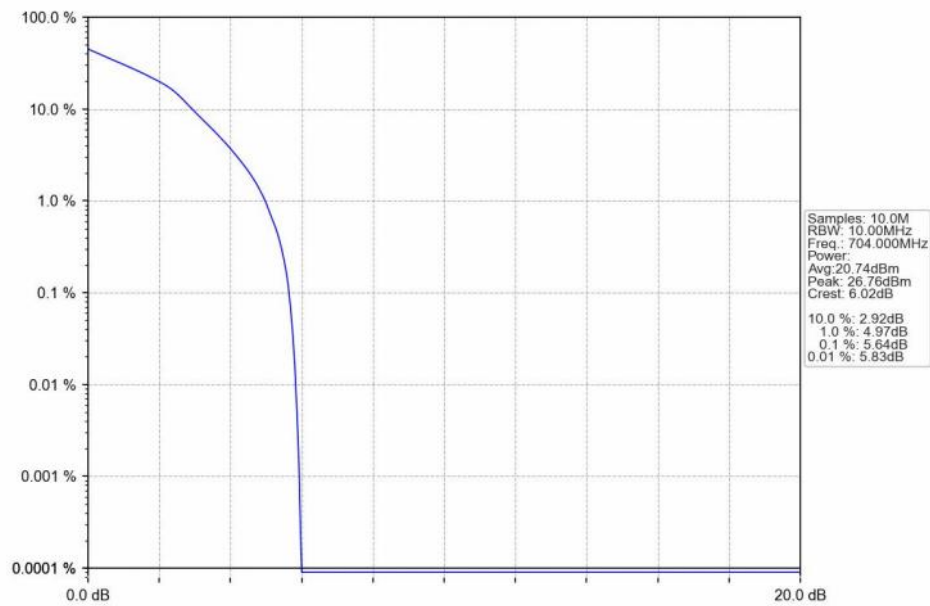
5.2.4 B12_10MHz



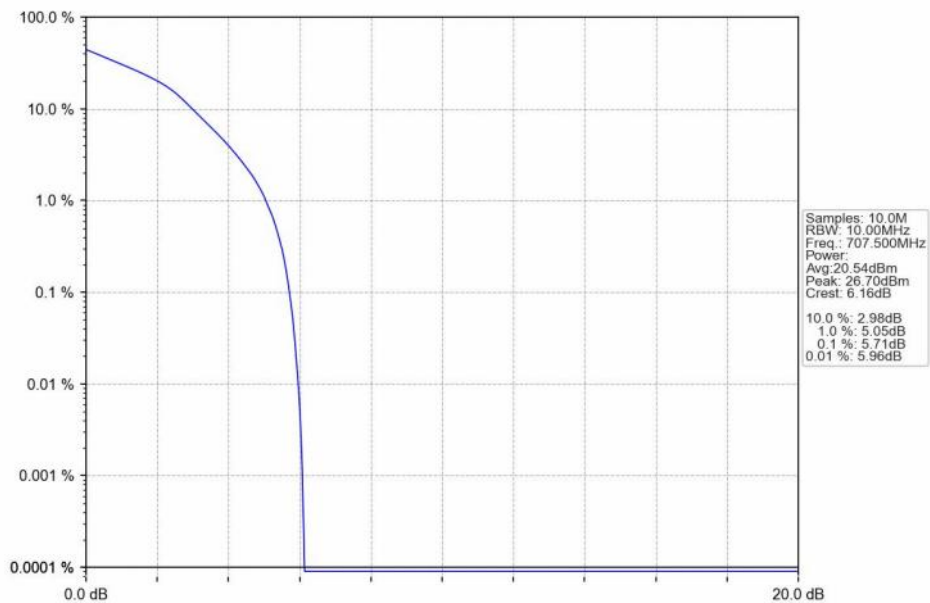
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



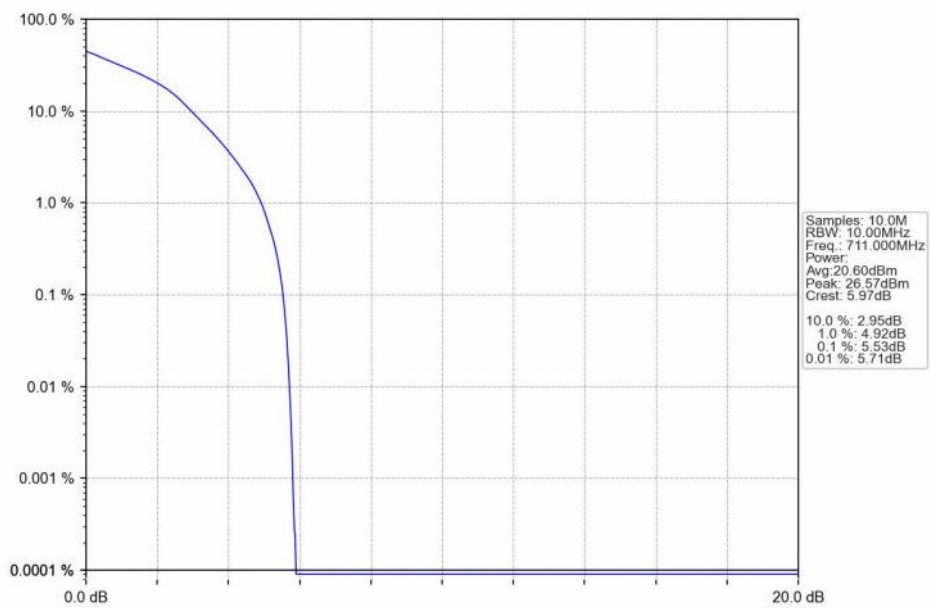
Band12_10MHz_16QAM_LCH_704MHz_RB_27_0_NTNV



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

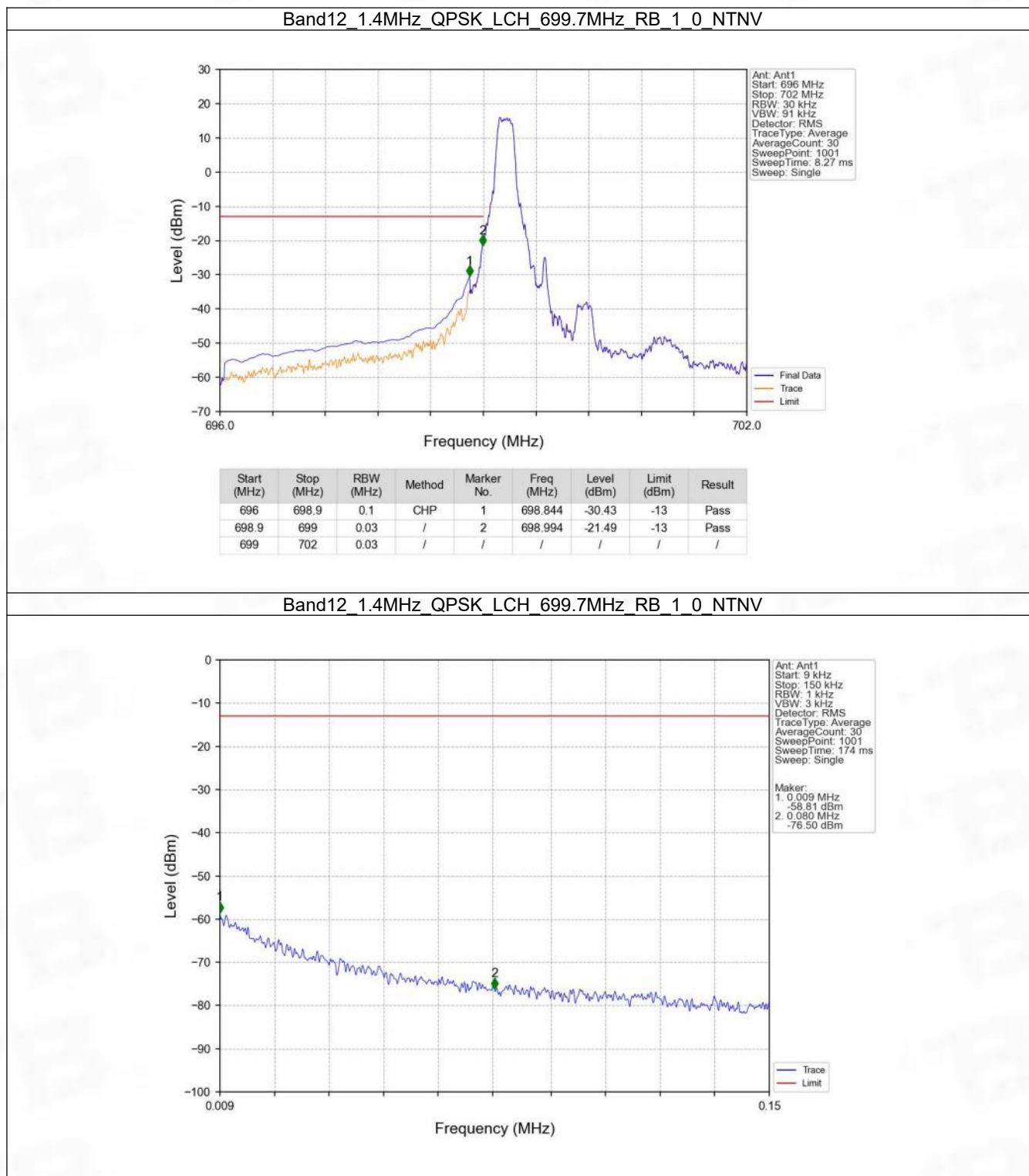
	707.5	25	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
	713.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

6.1.4 B12_10MHz

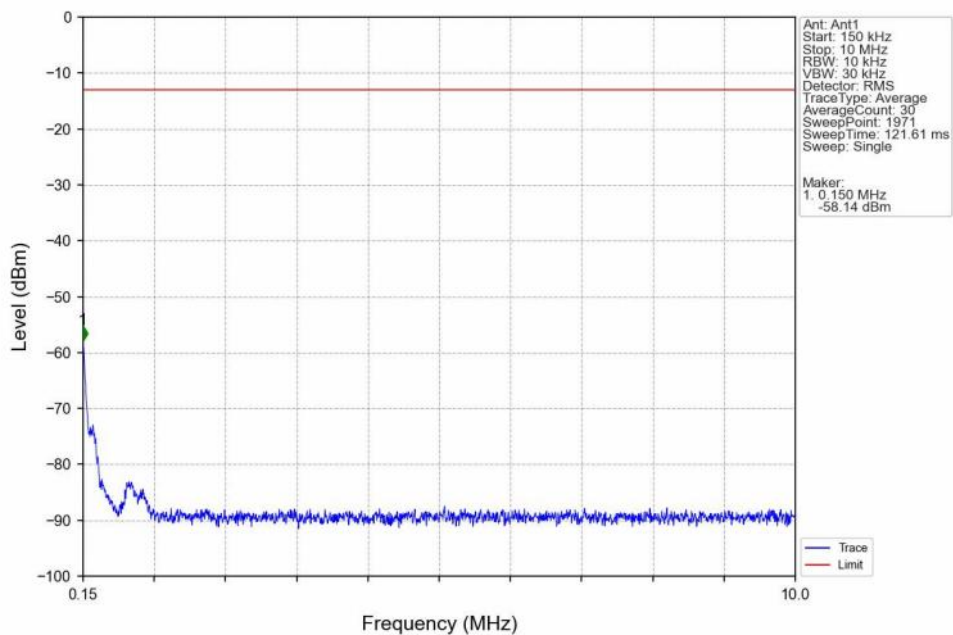
Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	704	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
	711	1	0	Refer To Test Graph		Pass
			49	Refer To Test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

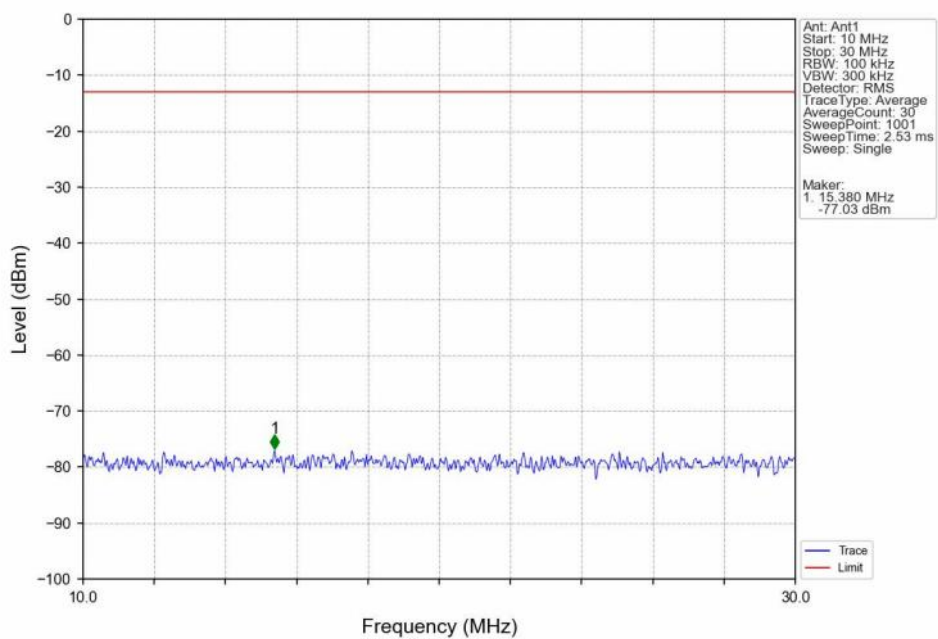
6.2.1 B12_1.4MHz



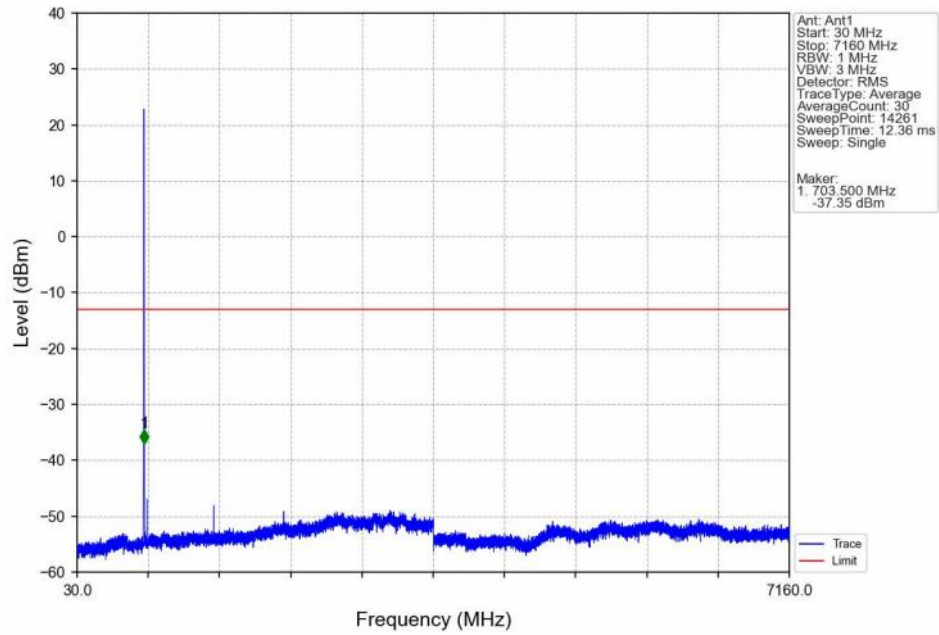
Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_1_0_NTNV



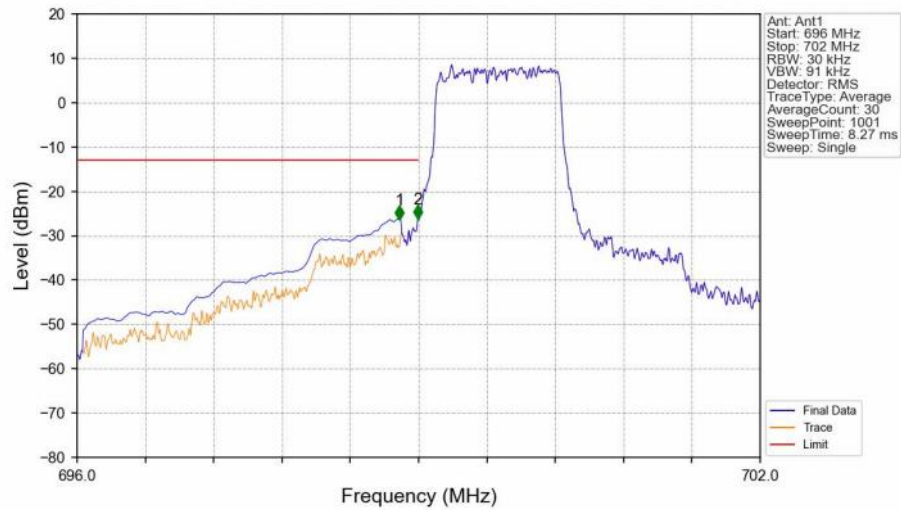
Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_1_0_NTNV



Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_1_0_NTNV

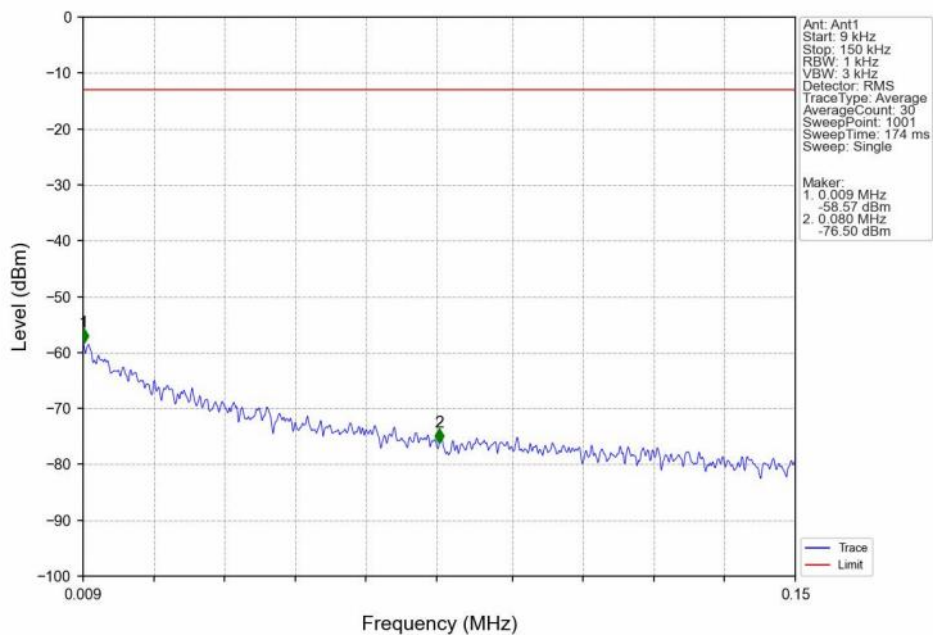


Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.832	-26.31	-13	Pass
698.9	699	0.03	/	2	698.994	-26.23	-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

