

1.1.1 B12_1.4MHz_ERP

1.1.2 B12_3MHz_ERP

Band: 12 / Bandwidth: 3MHz / NTV

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	700.5	1	0	21.58	-1.85	17.58	<=34.77	Pass
			7	21.69	-1.85	17.69	<=34.77	Pass
			14	22.21	-1.85	18.21	<=34.77	Pass
		8	0	21.28	-1.85	17.28	<=34.77	Pass
			4	21.18	-1.85	17.18	<=34.77	Pass
			7	21.13	-1.85	17.13	<=34.77	Pass
		15	0	21.14	-1.85	17.14	<=34.77	Pass
	707.5	1	0	21.40	-1.85	17.40	<=34.77	Pass
			7	21.57	-1.85	17.57	<=34.77	Pass
			14	21.56	-1.85	17.56	<=34.77	Pass
		8	0	20.67	-1.85	16.67	<=34.77	Pass
			4	20.59	-1.85	16.59	<=34.77	Pass
			7	20.60	-1.85	16.60	<=34.77	Pass
		15	0	20.52	-1.85	16.52	<=34.77	Pass
	714.5	1	0	21.63	-1.85	17.63	<=34.77	Pass
			7	21.57	-1.85	17.57	<=34.77	Pass
			14	21.56	-1.85	17.56	<=34.77	Pass
		8	0	20.77	-1.85	16.77	<=34.77	Pass
			4	20.73	-1.85	16.73	<=34.77	Pass
			7	20.76	-1.85	16.76	<=34.77	Pass
		15	0	20.84	-1.85	16.84	<=34.77	Pass
16QAM	700.5	1	0	21.24	-1.85	17.24	<=34.77	Pass
			7	21.24	-1.85	17.24	<=34.77	Pass
			14	21.37	-1.85	17.37	<=34.77	Pass
		8	0	20.37	-1.85	16.37	<=34.77	Pass
			4	20.39	-1.85	16.39	<=34.77	Pass
			7	20.39	-1.85	16.39	<=34.77	Pass
		15	0	20.15	-1.85	16.15	<=34.77	Pass
	707.5	1	0	21.91	-1.85	17.91	<=34.77	Pass
			7	21.87	-1.85	17.87	<=34.77	Pass
			14	21.84	-1.85	17.84	<=34.77	Pass
		8	0	20.30	-1.85	16.30	<=34.77	Pass
			4	19.59	-1.85	15.59	<=34.77	Pass
			7	19.59	-1.85	15.59	<=34.77	Pass
		15	0	19.60	-1.85	15.60	<=34.77	Pass
	714.5	1	0	21.44	-1.85	17.44	<=34.77	Pass
			7	21.36	-1.85	17.36	<=34.77	Pass
			14	21.26	-1.85	17.26	<=34.77	Pass
		8	0	20.36	-1.85	16.36	<=34.77	Pass
			4	20.38	-1.85	16.38	<=34.77	Pass
			7	19.92	-1.85	15.92	<=34.77	Pass
		15	0	20.18	-1.85	16.18	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.3 B12_5MHz_ERP

Band: 12 / Bandwidth: 5MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	701.5	1	0	21.71	-1.85	17.71	<=34.77	Pass
			13	21.92	-1.85	17.92	<=34.77	Pass
			24	21.67	-1.85	17.67	<=34.77	Pass
		12	0	21.10	-1.85	17.10	<=34.77	Pass
			6	21.22	-1.85	17.22	<=34.77	Pass
			13	21.10	-1.85	17.10	<=34.77	Pass

	707.5	25	0	21.23	-1.85	17.23	<=34.77	Pass	
		1	0	21.41	-1.85	17.41	<=34.77	Pass	
			13	21.57	-1.85	17.57	<=34.77	Pass	
			24	21.44	-1.85	17.44	<=34.77	Pass	
			12	0	20.68	-1.85	16.68	<=34.77	Pass
		6		20.60	-1.85	16.60	<=34.77	Pass	
		13		20.60	-1.85	16.60	<=34.77	Pass	
		25	0	20.56	-1.85	16.56	<=34.77	Pass	
		713.5	1	0	22.05	-1.85	18.05	<=34.77	Pass
				13	21.83	-1.85	17.83	<=34.77	Pass
				24	21.75	-1.85	17.75	<=34.77	Pass
			12	0	21.20	-1.85	17.20	<=34.77	Pass
	6			20.89	-1.85	16.89	<=34.77	Pass	
	13			20.91	-1.85	16.91	<=34.77	Pass	
	25		0	20.96	-1.85	16.96	<=34.77	Pass	
	16QAM		701.5	1	0	21.57	-1.85	17.57	<=34.77
		13			21.65	-1.85	17.65	<=34.77	Pass
		24			21.59	-1.85	17.59	<=34.77	Pass
		12		0	20.22	-1.85	16.22	<=34.77	Pass
				6	20.17	-1.85	16.17	<=34.77	Pass
				13	20.02	-1.85	16.02	<=34.77	Pass
		25		0	20.25	-1.85	16.25	<=34.77	Pass
		707.5		1	0	21.06	-1.85	17.06	<=34.77
			13		20.95	-1.85	16.95	<=34.77	Pass
24			21.10		-1.85	17.10	<=34.77	Pass	
12			0	20.18	-1.85	16.18	<=34.77	Pass	
			6	19.54	-1.85	15.54	<=34.77	Pass	
			13	19.55	-1.85	15.55	<=34.77	Pass	
25			0	19.55	-1.85	15.55	<=34.77	Pass	
713.5		1	0	20.61	-1.85	16.61	<=34.77	Pass	
			13	20.51	-1.85	16.51	<=34.77	Pass	
			24	20.47	-1.85	16.47	<=34.77	Pass	
		12	0	20.07	-1.85	16.07	<=34.77	Pass	
			6	20.07	-1.85	16.07	<=34.77	Pass	
			13	20.07	-1.85	16.07	<=34.77	Pass	
		25	0	20.18	-1.85	16.18	<=34.77	Pass	
		Note1: ERP=Conducted Power+Antenna Gain-2.15							

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	21.66	-1.85	17.66	<=34.77	Pass
			25	21.65	-1.85	17.65	<=34.77	Pass
			49	21.62	-1.85	17.62	<=34.77	Pass
		25	0	21.22	-1.85	17.22	<=34.77	Pass
			13	21.26	-1.85	17.26	<=34.77	Pass
			25	20.71	-1.85	16.71	<=34.77	Pass
		50	0	21.18	-1.85	17.18	<=34.77	Pass
			0	21.94	-1.85	17.94	<=34.77	Pass
	707.5	1	25	21.61	-1.85	17.61	<=34.77	Pass
			49	22.03	-1.85	18.03	<=34.77	Pass
			0	20.72	-1.85	16.72	<=34.77	Pass
		25	13	20.62	-1.85	16.62	<=34.77	Pass
			25	20.72	-1.85	16.72	<=34.77	Pass
			0	20.57	-1.85	16.57	<=34.77	Pass

16QAM	711	1	0	21.43	-1.85	17.43	<=34.77	Pass
			25	21.40	-1.85	17.40	<=34.77	Pass
			49	21.55	-1.85	17.55	<=34.77	Pass
		25	0	20.54	-1.85	16.54	<=34.77	Pass
			13	20.81	-1.85	16.81	<=34.77	Pass
			25	20.77	-1.85	16.77	<=34.77	Pass
		50	0	20.87	-1.85	16.87	<=34.77	Pass
	704	1	0	21.21	-1.85	17.21	<=34.77	Pass
			25	21.36	-1.85	17.36	<=34.77	Pass
			49	20.83	-1.85	16.83	<=34.77	Pass
		25	0	20.28	-1.85	16.28	<=34.77	Pass
			13	20.33	-1.85	16.33	<=34.77	Pass
			25	20.43	-1.85	16.43	<=34.77	Pass
		50	0	20.25	-1.85	16.25	<=34.77	Pass
	707.5	1	0	22.28	-1.85	18.28	<=34.77	Pass
			25	21.83	-1.85	17.83	<=34.77	Pass
			49	22.30	-1.85	18.30	<=34.77	Pass
		25	0	20.33	-1.85	16.33	<=34.77	Pass
			13	19.58	-1.85	15.58	<=34.77	Pass
			25	19.73	-1.85	15.73	<=34.77	Pass
		50	0	19.63	-1.85	15.63	<=34.77	Pass
	711	1	0	21.12	-1.85	17.12	<=34.77	Pass
			25	21.19	-1.85	17.19	<=34.77	Pass
			49	21.26	-1.85	17.26	<=34.77	Pass
		25	0	19.64	-1.85	15.64	<=34.77	Pass
			13	19.66	-1.85	15.66	<=34.77	Pass
			25	20.18	-1.85	16.18	<=34.77	Pass
		50	0	19.80	-1.85	15.80	<=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	-26.479	-0.0378	-2.5 to 2.5	Pass
					3.85	-24.548	-0.0351	-2.5 to 2.5	Pass
					4.43	-40.598	-0.0580	-2.5 to 2.5	Pass
				-30	3.85	-33.946	-0.0485	-2.5 to 2.5	Pass
				-20	3.85	-12.345	-0.0176	-2.5 to 2.5	Pass
				-10	3.85	-39.454	-0.0564	-2.5 to 2.5	Pass
				0	3.85	-12.646	-0.0181	-2.5 to 2.5	Pass
				10	3.85	-26.636	-0.0381	-2.5 to 2.5	Pass
				30	3.85	-38.595	-0.0552	-2.5 to 2.5	Pass
				40	3.85	-8.554	-0.0122	-2.5 to 2.5	Pass
				50	3.85	-21.644	-0.0309	-2.5 to 2.5	Pass
	707.5	6	0	20	3.27	0.014	0.0000	-2.5 to 2.5	Pass
					3.85	-6.537	-0.0092	-2.5 to 2.5	Pass
					4.43	2.246	0.0032	-2.5 to 2.5	Pass
				-30	3.85	16.150	0.0228	-2.5 to 2.5	Pass
				-20	3.85	29.426	0.0416	-2.5 to 2.5	Pass
				-10	3.85	35.748	0.0505	-2.5 to 2.5	Pass

				0	3.85	40.684	0.0575	-2.5 to 2.5	Pass
				10	3.85	1.187	0.0017	-2.5 to 2.5	Pass
				30	3.85	11.244	0.0159	-2.5 to 2.5	Pass
				40	3.85	6.824	0.0096	-2.5 to 2.5	Pass
				50	3.85	15.364	0.0217	-2.5 to 2.5	Pass
	715.3	6	0	20	3.27	1.502	0.0021	-2.5 to 2.5	Pass
					3.85	0.701	0.0010	-2.5 to 2.5	Pass
					4.43	21.973	0.0307	-2.5 to 2.5	Pass
				-30	3.85	38.610	0.0540	-2.5 to 2.5	Pass
				-20	3.85	5.221	0.0073	-2.5 to 2.5	Pass
				-10	3.85	17.338	0.0242	-2.5 to 2.5	Pass
				0	3.85	25.406	0.0355	-2.5 to 2.5	Pass
				10	3.85	36.979	0.0517	-2.5 to 2.5	Pass
				30	3.85	46.463	0.0650	-2.5 to 2.5	Pass
				40	3.85	4.749	0.0066	-2.5 to 2.5	Pass
				50	3.85	18.368	0.0257	-2.5 to 2.5	Pass
16QAM	699.7	6	0	20	3.27	-33.302	-0.0476	-2.5 to 2.5	Pass
					3.85	-42.343	-0.0605	-2.5 to 2.5	Pass
					4.43	-41.170	-0.0588	-2.5 to 2.5	Pass
				-30	3.85	-4.835	-0.0069	-2.5 to 2.5	Pass
				-20	3.85	-14.291	-0.0204	-2.5 to 2.5	Pass
				-10	3.85	-27.208	-0.0389	-2.5 to 2.5	Pass
				0	3.85	-33.088	-0.0473	-2.5 to 2.5	Pass
				10	3.85	-39.797	-0.0569	-2.5 to 2.5	Pass
				30	3.85	-44.417	-0.0635	-2.5 to 2.5	Pass
				40	3.85	0.415	0.0006	-2.5 to 2.5	Pass
				50	3.85	-3.133	-0.0045	-2.5 to 2.5	Pass
	707.5	6	0	20	3.27	17.538	0.0248	-2.5 to 2.5	Pass
					3.85	16.866	0.0238	-2.5 to 2.5	Pass
					4.43	10.829	0.0153	-2.5 to 2.5	Pass
				-30	3.85	4.663	0.0066	-2.5 to 2.5	Pass
				-20	3.85	2.604	0.0037	-2.5 to 2.5	Pass
				-10	3.85	-3.219	-0.0045	-2.5 to 2.5	Pass
				0	3.85	-7.195	-0.0102	-2.5 to 2.5	Pass
				10	3.85	-12.317	-0.0174	-2.5 to 2.5	Pass
				30	3.85	-15.807	-0.0223	-2.5 to 2.5	Pass
				40	3.85	-19.956	-0.0282	-2.5 to 2.5	Pass
				50	3.85	-21.100	-0.0298	-2.5 to 2.5	Pass
	715.3	6	0	20	3.27	24.204	0.0338	-2.5 to 2.5	Pass
					3.85	29.440	0.0412	-2.5 to 2.5	Pass
					4.43	21.901	0.0306	-2.5 to 2.5	Pass
				-30	3.85	15.264	0.0213	-2.5 to 2.5	Pass
				-20	3.85	8.097	0.0113	-2.5 to 2.5	Pass
				-10	3.85	4.950	0.0069	-2.5 to 2.5	Pass
				0	3.85	0.529	0.0007	-2.5 to 2.5	Pass
				10	3.85	9.828	0.0137	-2.5 to 2.5	Pass
				30	3.85	15.106	0.0211	-2.5 to 2.5	Pass
				40	3.85	9.756	0.0136	-2.5 to 2.5	Pass
				50	3.85	0.100	0.0001	-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	-12.474	-0.0178	-2.5 to 2.5	Pass
					3.85	-21.830	-0.0312	-2.5 to 2.5	Pass

					4.43	-23.260	-0.0332	-2.5 to 2.5	Pass
				-30	3.85	-20.356	-0.0291	-2.5 to 2.5	Pass
				-20	3.85	-17.138	-0.0245	-2.5 to 2.5	Pass
				-10	3.85	-16.923	-0.0242	-2.5 to 2.5	Pass
				0	3.85	-13.175	-0.0188	-2.5 to 2.5	Pass
				10	3.85	-15.035	-0.0215	-2.5 to 2.5	Pass
				30	3.85	-14.806	-0.0211	-2.5 to 2.5	Pass
				40	3.85	-12.560	-0.0179	-2.5 to 2.5	Pass
				50	3.85	-9.670	-0.0138	-2.5 to 2.5	Pass
	707.5	15	0	20	3.27	1.187	0.0017	-2.5 to 2.5	Pass
					3.85	-3.004	-0.0042	-2.5 to 2.5	Pass
					4.43	-2.275	-0.0032	-2.5 to 2.5	Pass
				-30	3.85	0.429	0.0006	-2.5 to 2.5	Pass
				-20	3.85	9.971	0.0141	-2.5 to 2.5	Pass
				-10	3.85	15.936	0.0225	-2.5 to 2.5	Pass
				0	3.85	20.885	0.0295	-2.5 to 2.5	Pass
				10	3.85	24.004	0.0339	-2.5 to 2.5	Pass
				30	3.85	27.509	0.0389	-2.5 to 2.5	Pass
				40	3.85	33.059	0.0467	-2.5 to 2.5	Pass
				50	3.85	38.009	0.0537	-2.5 to 2.5	Pass
	714.5	15	0	20	3.27	2.632	0.0037	-2.5 to 2.5	Pass
					3.85	-4.292	-0.0060	-2.5 to 2.5	Pass
					4.43	-1.159	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	6.552	0.0092	-2.5 to 2.5	Pass
				-20	3.85	16.422	0.0230	-2.5 to 2.5	Pass
				-10	3.85	22.602	0.0316	-2.5 to 2.5	Pass
				0	3.85	27.380	0.0383	-2.5 to 2.5	Pass
				10	3.85	32.830	0.0459	-2.5 to 2.5	Pass
				30	3.85	37.479	0.0525	-2.5 to 2.5	Pass
				40	3.85	45.476	0.0636	-2.5 to 2.5	Pass
				50	3.85	46.434	0.0650	-2.5 to 2.5	Pass
16QAM	700.5	15	0	20	3.27	-11.187	-0.0160	-2.5 to 2.5	Pass
					3.85	-13.018	-0.0186	-2.5 to 2.5	Pass
					4.43	-13.289	-0.0190	-2.5 to 2.5	Pass
				-30	3.85	-16.537	-0.0236	-2.5 to 2.5	Pass
				-20	3.85	-16.408	-0.0234	-2.5 to 2.5	Pass
				-10	3.85	-17.066	-0.0244	-2.5 to 2.5	Pass
				0	3.85	-17.896	-0.0255	-2.5 to 2.5	Pass
				10	3.85	-17.323	-0.0247	-2.5 to 2.5	Pass
				30	3.85	-18.554	-0.0265	-2.5 to 2.5	Pass
				40	3.85	-17.710	-0.0253	-2.5 to 2.5	Pass
				50	3.85	-19.655	-0.0281	-2.5 to 2.5	Pass
	707.5	15	0	20	3.27	39.382	0.0557	-2.5 to 2.5	Pass
					3.85	42.644	0.0603	-2.5 to 2.5	Pass
					4.43	37.065	0.0524	-2.5 to 2.5	Pass
				-30	3.85	36.664	0.0518	-2.5 to 2.5	Pass
				-20	3.85	34.761	0.0491	-2.5 to 2.5	Pass
				-10	3.85	33.503	0.0474	-2.5 to 2.5	Pass
				0	3.85	35.677	0.0504	-2.5 to 2.5	Pass
				10	3.85	35.334	0.0499	-2.5 to 2.5	Pass
				30	3.85	35.648	0.0504	-2.5 to 2.5	Pass
				40	3.85	36.864	0.0521	-2.5 to 2.5	Pass
				50	3.85	40.083	0.0567	-2.5 to 2.5	Pass
	714.5	15	0	20	3.27	-4.549	-0.0064	-2.5 to 2.5	Pass
					3.85	-3.691	-0.0052	-2.5 to 2.5	Pass
					4.43	-5.336	-0.0075	-2.5 to 2.5	Pass
				-30	3.85	6.337	0.0089	-2.5 to 2.5	Pass
				-20	3.85	5.994	0.0084	-2.5 to 2.5	Pass
				-10	3.85	-7.954	-0.0111	-2.5 to 2.5	Pass

				0	3.85	-8.140	-0.0114	-2.5 to 2.5	Pass
				10	3.85	-9.198	-0.0129	-2.5 to 2.5	Pass
				30	3.85	-13.118	-0.0184	-2.5 to 2.5	Pass
				40	3.85	-15.664	-0.0219	-2.5 to 2.5	Pass
				50	3.85	-22.087	-0.0309	-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	-0.916	-0.0013	-2.5 to 2.5	Pass
					3.85	-7.596	-0.0108	-2.5 to 2.5	Pass
					4.43	-10.986	-0.0157	-2.5 to 2.5	Pass
				-30	3.85	-9.656	-0.0138	-2.5 to 2.5	Pass
				-20	3.85	-8.712	-0.0124	-2.5 to 2.5	Pass
				-10	3.85	-10.715	-0.0153	-2.5 to 2.5	Pass
				0	3.85	-5.779	-0.0082	-2.5 to 2.5	Pass
				10	3.85	-5.879	-0.0084	-2.5 to 2.5	Pass
				30	3.85	-5.250	-0.0075	-2.5 to 2.5	Pass
				40	3.85	-5.221	-0.0074	-2.5 to 2.5	Pass
				50	3.85	-3.691	-0.0053	-2.5 to 2.5	Pass
	707.5	25	0	20	3.27	2.046	0.0029	-2.5 to 2.5	Pass
					3.85	-0.458	-0.0006	-2.5 to 2.5	Pass
					4.43	-3.476	-0.0049	-2.5 to 2.5	Pass
				-30	3.85	1.330	0.0019	-2.5 to 2.5	Pass
				-20	3.85	1.659	0.0023	-2.5 to 2.5	Pass
				-10	3.85	5.751	0.0081	-2.5 to 2.5	Pass
				0	3.85	9.012	0.0127	-2.5 to 2.5	Pass
				10	3.85	12.202	0.0172	-2.5 to 2.5	Pass
				30	3.85	14.076	0.0199	-2.5 to 2.5	Pass
				40	3.85	18.382	0.0260	-2.5 to 2.5	Pass
				50	3.85	19.140	0.0271	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	1.945	0.0027	-2.5 to 2.5	Pass
					3.85	-3.390	-0.0048	-2.5 to 2.5	Pass
					4.43	-2.975	-0.0042	-2.5 to 2.5	Pass
				-30	3.85	-0.558	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	3.705	0.0052	-2.5 to 2.5	Pass
				-10	3.85	5.436	0.0076	-2.5 to 2.5	Pass
				0	3.85	5.565	0.0078	-2.5 to 2.5	Pass
				10	3.85	6.952	0.0097	-2.5 to 2.5	Pass
				30	3.85	7.324	0.0103	-2.5 to 2.5	Pass
				40	3.85	10.571	0.0148	-2.5 to 2.5	Pass
16QAM	701.5	25	0	20	3.27	-4.749	-0.0068	-2.5 to 2.5	Pass
					3.85	-3.762	-0.0054	-2.5 to 2.5	Pass
					4.43	-5.450	-0.0078	-2.5 to 2.5	Pass
				-30	3.85	-5.951	-0.0085	-2.5 to 2.5	Pass
				-20	3.85	-8.225	-0.0117	-2.5 to 2.5	Pass
				-10	3.85	-9.613	-0.0137	-2.5 to 2.5	Pass
				0	3.85	-6.909	-0.0098	-2.5 to 2.5	Pass
				10	3.85	-7.124	-0.0102	-2.5 to 2.5	Pass
				30	3.85	-6.938	-0.0099	-2.5 to 2.5	Pass
				40	3.85	-8.426	-0.0120	-2.5 to 2.5	Pass
				50	3.85	-6.924	-0.0099	-2.5 to 2.5	Pass
	707.5	25	0	20	3.27	20.313	0.0287	-2.5 to 2.5	Pass
					3.85	21.172	0.0299	-2.5 to 2.5	Pass

					4.43	18.711	0.0264	-2.5 to 2.5	Pass
				-30	3.85	18.225	0.0258	-2.5 to 2.5	Pass
				-20	3.85	17.424	0.0246	-2.5 to 2.5	Pass
				-10	3.85	12.746	0.0180	-2.5 to 2.5	Pass
				0	3.85	18.010	0.0255	-2.5 to 2.5	Pass
				10	3.85	18.497	0.0261	-2.5 to 2.5	Pass
				30	3.85	16.465	0.0233	-2.5 to 2.5	Pass
				40	3.85	18.439	0.0261	-2.5 to 2.5	Pass
				50	3.85	14.391	0.0203	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	11.473	0.0161	-2.5 to 2.5	Pass
					3.85	11.973	0.0168	-2.5 to 2.5	Pass
					4.43	8.183	0.0115	-2.5 to 2.5	Pass
				-30	3.85	6.108	0.0086	-2.5 to 2.5	Pass
				-20	3.85	3.862	0.0054	-2.5 to 2.5	Pass
				-10	3.85	1.817	0.0025	-2.5 to 2.5	Pass
				0	3.85	0.372	0.0005	-2.5 to 2.5	Pass
				10	3.85	1.645	0.0023	-2.5 to 2.5	Pass
				30	3.85	-1.273	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-2.003	-0.0028	-2.5 to 2.5	Pass
				50	3.85	-2.646	-0.0037	-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	4.706	0.0067	-2.5 to 2.5	Pass
					3.85	-12.403	-0.0176	-2.5 to 2.5	Pass
					4.43	-24.176	-0.0343	-2.5 to 2.5	Pass
				-30	3.85	-29.855	-0.0424	-2.5 to 2.5	Pass
				-20	3.85	-32.630	-0.0463	-2.5 to 2.5	Pass
				-10	3.85	-33.917	-0.0482	-2.5 to 2.5	Pass
				0	3.85	-33.202	-0.0472	-2.5 to 2.5	Pass
				10	3.85	-33.588	-0.0477	-2.5 to 2.5	Pass
				30	3.85	-31.915	-0.0453	-2.5 to 2.5	Pass
				40	3.85	-29.740	-0.0422	-2.5 to 2.5	Pass
				50	3.85	-31.328	-0.0445	-2.5 to 2.5	Pass
	707.5	50	0	20	3.27	2.017	0.0029	-2.5 to 2.5	Pass
					3.85	-4.807	-0.0068	-2.5 to 2.5	Pass
					4.43	-2.632	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	0.086	0.0001	-2.5 to 2.5	Pass
				-20	3.85	2.775	0.0039	-2.5 to 2.5	Pass
				-10	3.85	5.708	0.0081	-2.5 to 2.5	Pass
				0	3.85	7.081	0.0100	-2.5 to 2.5	Pass
				10	3.85	6.080	0.0086	-2.5 to 2.5	Pass
				30	3.85	12.488	0.0177	-2.5 to 2.5	Pass
				40	3.85	14.906	0.0211	-2.5 to 2.5	Pass
				50	3.85	15.006	0.0212	-2.5 to 2.5	Pass
	711	50	0	20	3.27	6.523	0.0092	-2.5 to 2.5	Pass
					3.85	5.565	0.0078	-2.5 to 2.5	Pass
					4.43	4.478	0.0063	-2.5 to 2.5	Pass
				-30	3.85	6.537	0.0092	-2.5 to 2.5	Pass
				-20	3.85	9.084	0.0128	-2.5 to 2.5	Pass
				-10	3.85	12.789	0.0180	-2.5 to 2.5	Pass
				0	3.85	13.833	0.0195	-2.5 to 2.5	Pass
				10	3.85	13.146	0.0185	-2.5 to 2.5	Pass
				30	3.85	15.349	0.0216	-2.5 to 2.5	Pass

16QAM	704	50	0	40	3.85	18.353	0.0258	-2.5 to 2.5	Pass
				50	3.85	18.811	0.0265	-2.5 to 2.5	Pass
				20	3.27	-23.246	-0.0330	-2.5 to 2.5	Pass
					3.85	-22.860	-0.0325	-2.5 to 2.5	Pass
					4.43	-23.875	-0.0339	-2.5 to 2.5	Pass
				-30	3.85	-27.466	-0.0390	-2.5 to 2.5	Pass
				-20	3.85	-27.781	-0.0395	-2.5 to 2.5	Pass
				-10	3.85	-27.051	-0.0384	-2.5 to 2.5	Pass
				0	3.85	-26.364	-0.0374	-2.5 to 2.5	Pass
				10	3.85	-29.569	-0.0420	-2.5 to 2.5	Pass
	30	3.85	-29.898	-0.0425	-2.5 to 2.5	Pass			
	40	3.85	-29.798	-0.0423	-2.5 to 2.5	Pass			
	50	3.85	-29.840	-0.0424	-2.5 to 2.5	Pass			
	707.5	50	0	20	3.27	10.729	0.0152	-2.5 to 2.5	Pass
					3.85	8.998	0.0127	-2.5 to 2.5	Pass
					4.43	4.091	0.0058	-2.5 to 2.5	Pass
				-30	3.85	2.518	0.0036	-2.5 to 2.5	Pass
				-20	3.85	1.516	0.0021	-2.5 to 2.5	Pass
				-10	3.85	-1.316	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-2.046	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-2.632	-0.0037	-2.5 to 2.5	Pass
				30	3.85	-3.762	-0.0053	-2.5 to 2.5	Pass
				40	3.85	-3.319	-0.0047	-2.5 to 2.5	Pass
	50	3.85	-3.047	-0.0043	-2.5 to 2.5	Pass			
	711	50	0	20	3.27	16.437	0.0231	-2.5 to 2.5	Pass
					3.85	19.312	0.0272	-2.5 to 2.5	Pass
					4.43	15.879	0.0223	-2.5 to 2.5	Pass
				-30	3.85	9.570	0.0135	-2.5 to 2.5	Pass
				-20	3.85	16.150	0.0227	-2.5 to 2.5	Pass
				-10	3.85	10.486	0.0147	-2.5 to 2.5	Pass
				0	3.85	8.540	0.0120	-2.5 to 2.5	Pass
				10	3.85	3.562	0.0050	-2.5 to 2.5	Pass
				30	3.85	5.522	0.0078	-2.5 to 2.5	Pass
				40	3.85	2.003	0.0028	-2.5 to 2.5	Pass
	50	3.85	1.001	0.0014	-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

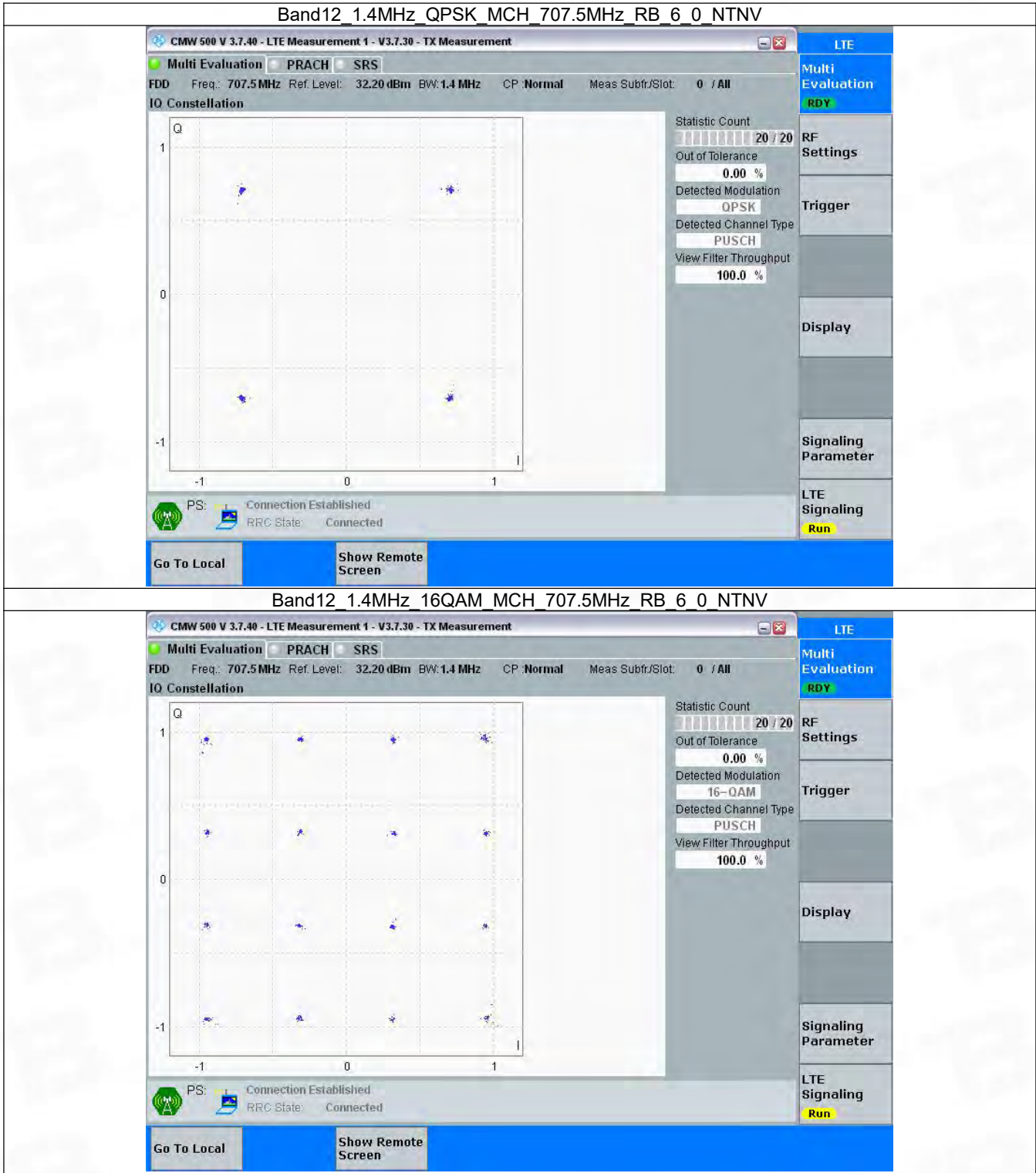
Band: 12 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	707.5	25	0	Refer To Test Graph		Pass
16QAM	707.5	25	0	Refer To Test Graph		Pass

3.1.4 B12_10MHz

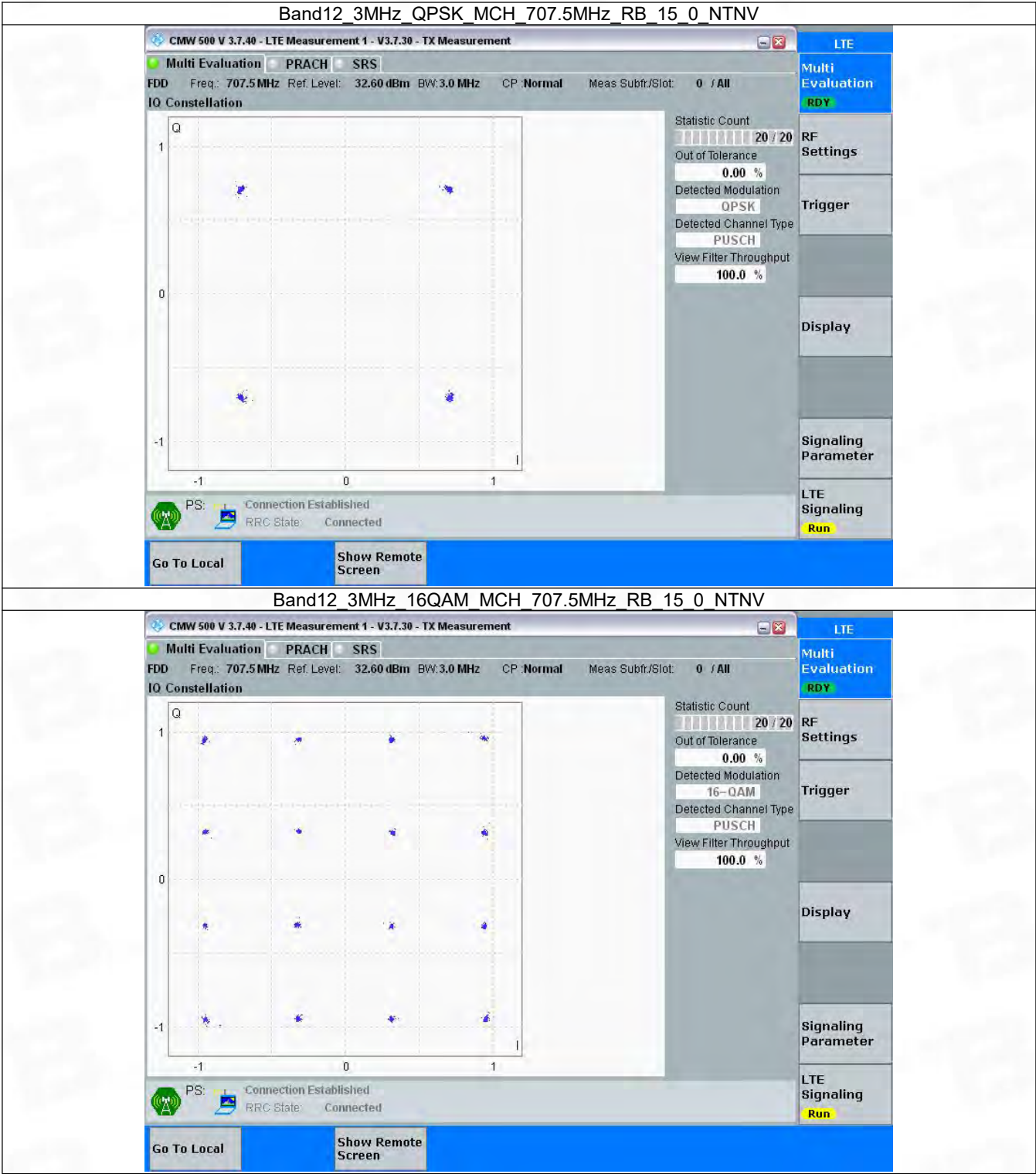
Band: 12 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	707.5	50	0	Refer To Test Graph		Pass
16QAM	707.5	50	0	Refer To Test Graph		Pass

3.2 Test Graph

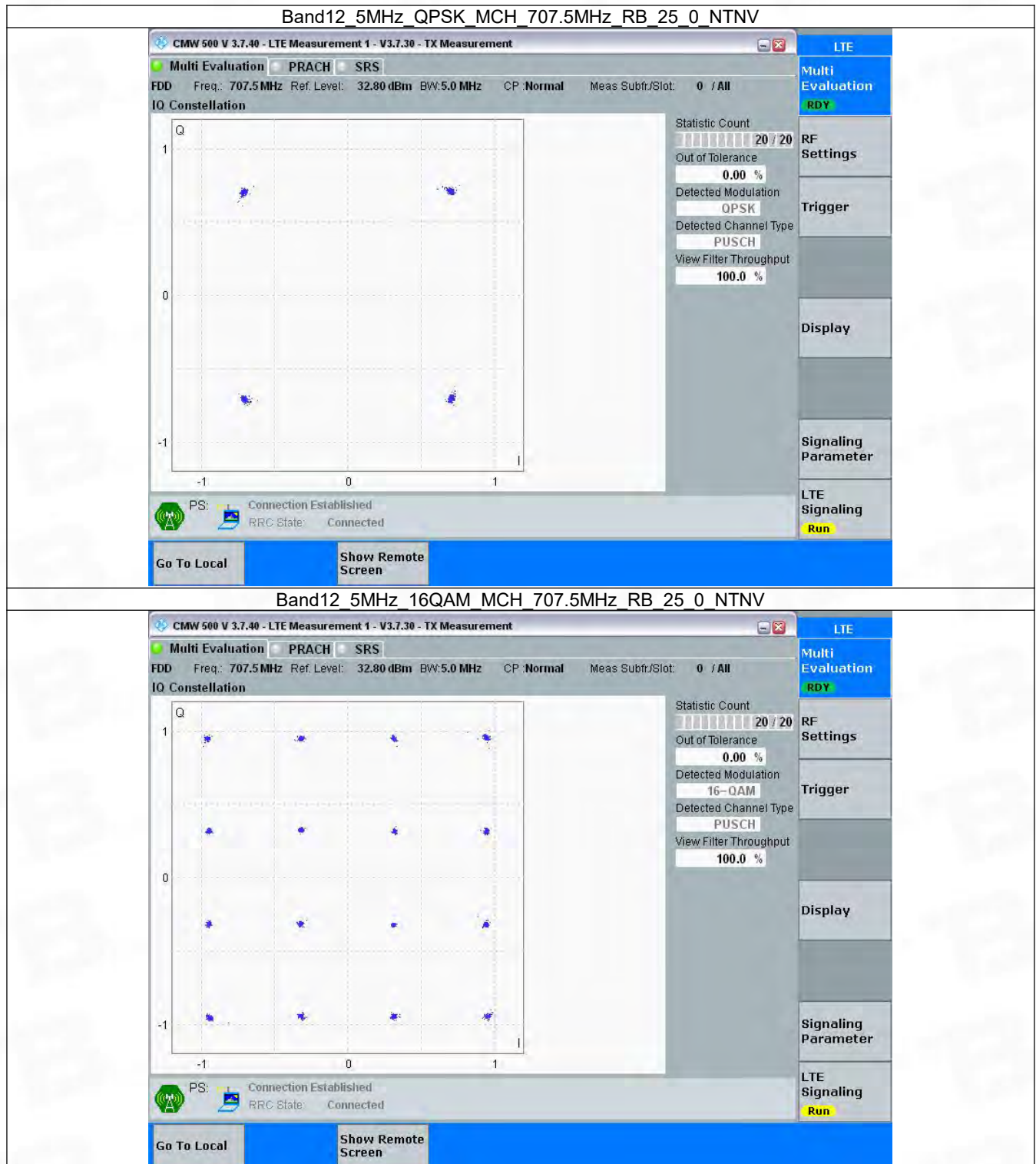
3.2.1 B12_1.4MHz



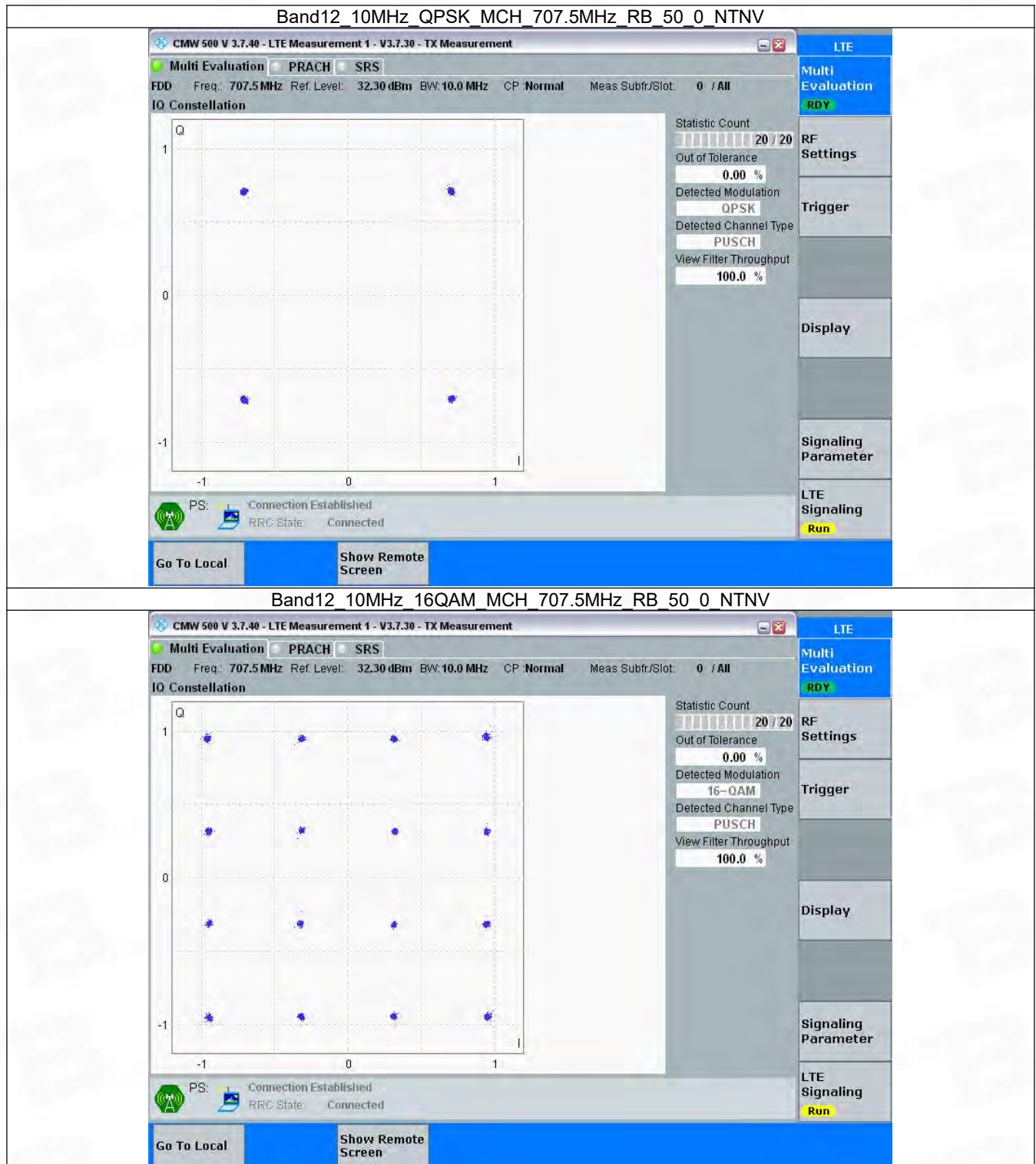
3.2.2 B12_3MHz



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	1.116	/	Pass
		707.5	6	0	1.110	/	Pass
		715.3	6	0	1.123	/	Pass
	16QAM	699.7	6	0	1.107	/	Pass
		707.5	6	0	1.103	/	Pass
		715.3	6	0	1.123	/	Pass
3	QPSK	700.5	15	0	2.745	/	Pass
		707.5	15	0	2.746	/	Pass
		714.5	15	0	2.769	/	Pass
	16QAM	700.5	15	0	2.748	/	Pass
		707.5	15	0	2.746	/	Pass
		714.5	15	0	2.783	/	Pass
5	QPSK	701.5	25	0	4.525	/	Pass
		707.5	25	0	4.572	/	Pass
		713.5	25	0	4.557	/	Pass
	16QAM	701.5	25	0	4.538	/	Pass
		707.5	25	0	4.590	/	Pass
		713.5	25	0	4.555	/	Pass
10	QPSK	704	50	0	9.111	/	Pass
		707.5	50	0	9.088	/	Pass
		711	50	0	8.989	/	Pass
	16QAM	704	50	0	9.082	/	Pass
		707.5	50	0	9.104	/	Pass
		711	50	0	9.018	/	Pass

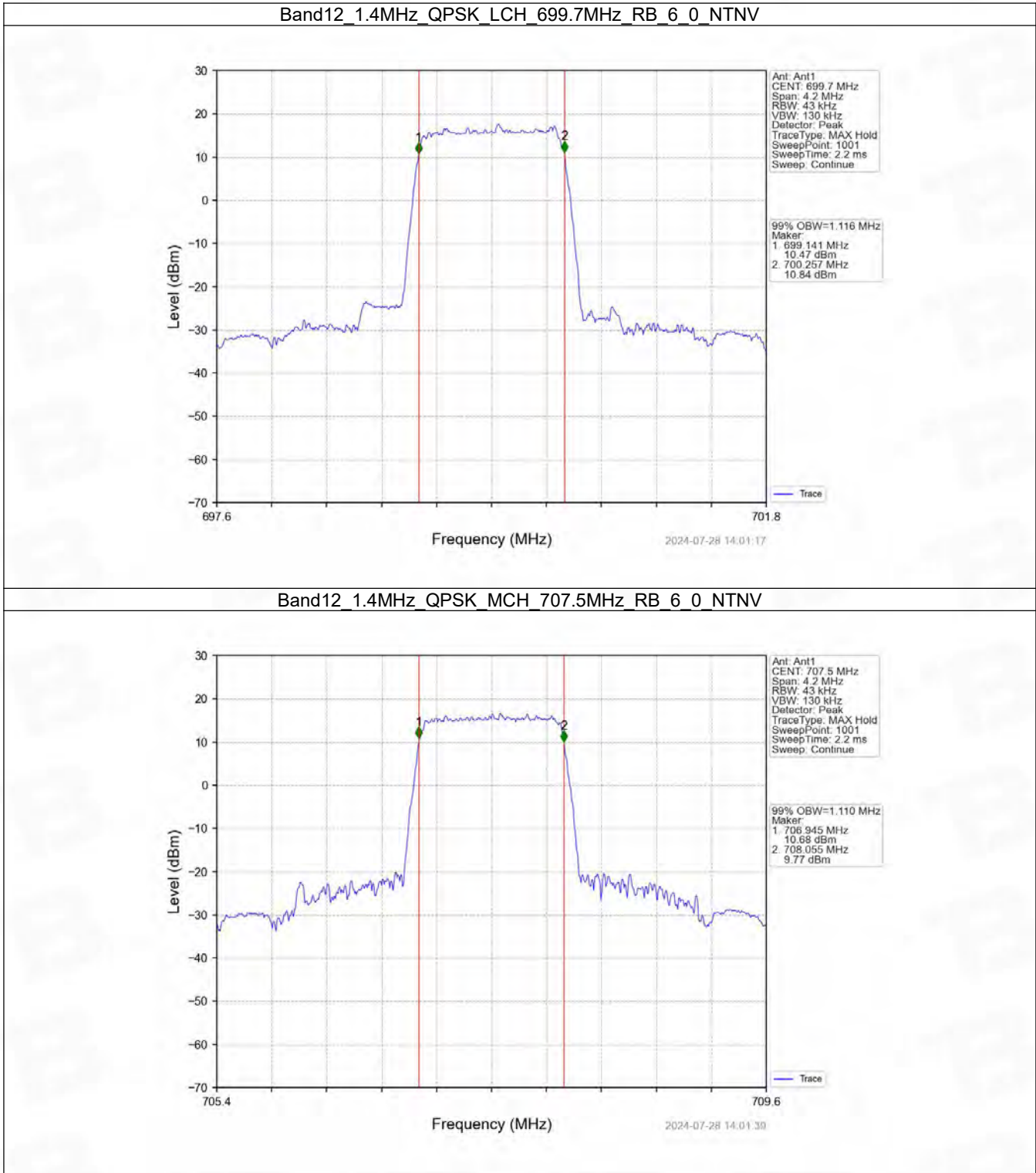
4.1.2 Band12_XDB

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	1.265	/	Pass
		707.5	6	0	1.268	/	Pass
		715.3	6	0	1.296	/	Pass
	16QAM	699.7	6	0	1.276	/	Pass
		707.5	6	0	1.270	/	Pass
		715.3	6	0	1.280	/	Pass
3	QPSK	700.5	15	0	3.080	/	Pass
		707.5	15	0	3.093	/	Pass
		714.5	15	0	3.116	/	Pass
	16QAM	700.5	15	0	3.128	/	Pass
		707.5	15	0	3.113	/	Pass
		714.5	15	0	3.109	/	Pass
5	QPSK	701.5	25	0	5.030	/	Pass
		707.5	25	0	5.081	/	Pass
		713.5	25	0	5.027	/	Pass

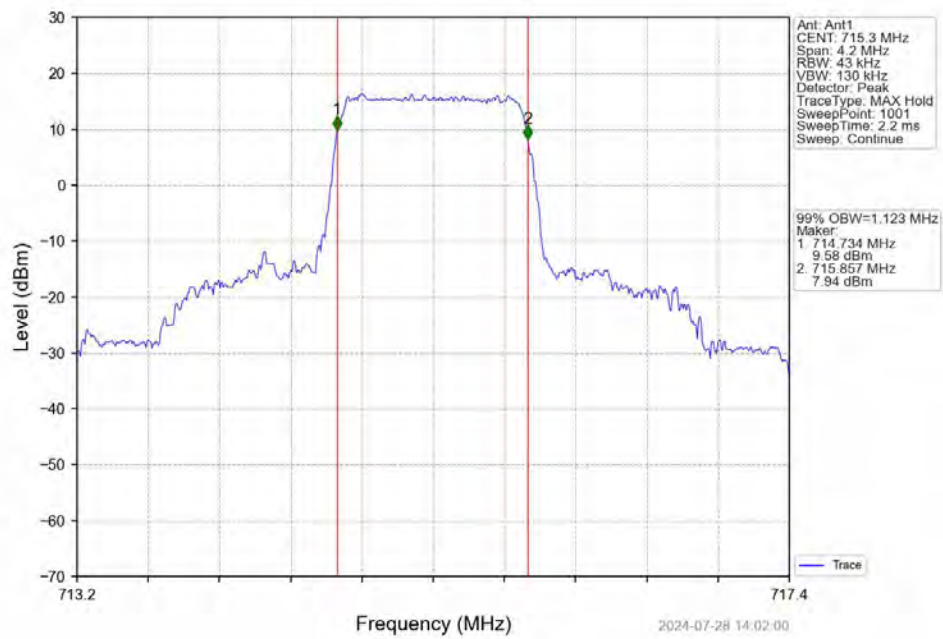
10	16QAM	701.5	25	0	5.021	/	Pass
		707.5	25	0	5.058	/	Pass
		713.5	25	0	5.058	/	Pass
	QPSK	704	50	0	10.071	/	Pass
		707.5	50	0	10.071	/	Pass
		711	50	0	9.978	/	Pass
	16QAM	704	50	0	10.030	/	Pass
		707.5	50	0	10.050	/	Pass
		711	50	0	9.924	/	Pass

4.2 Test Graph

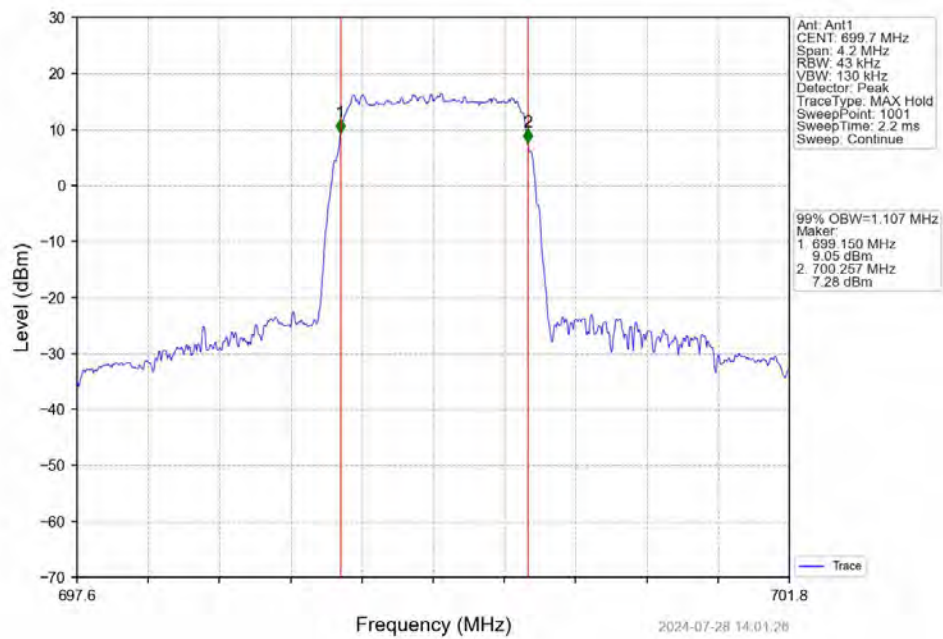
4.2.1 Band12_OBW

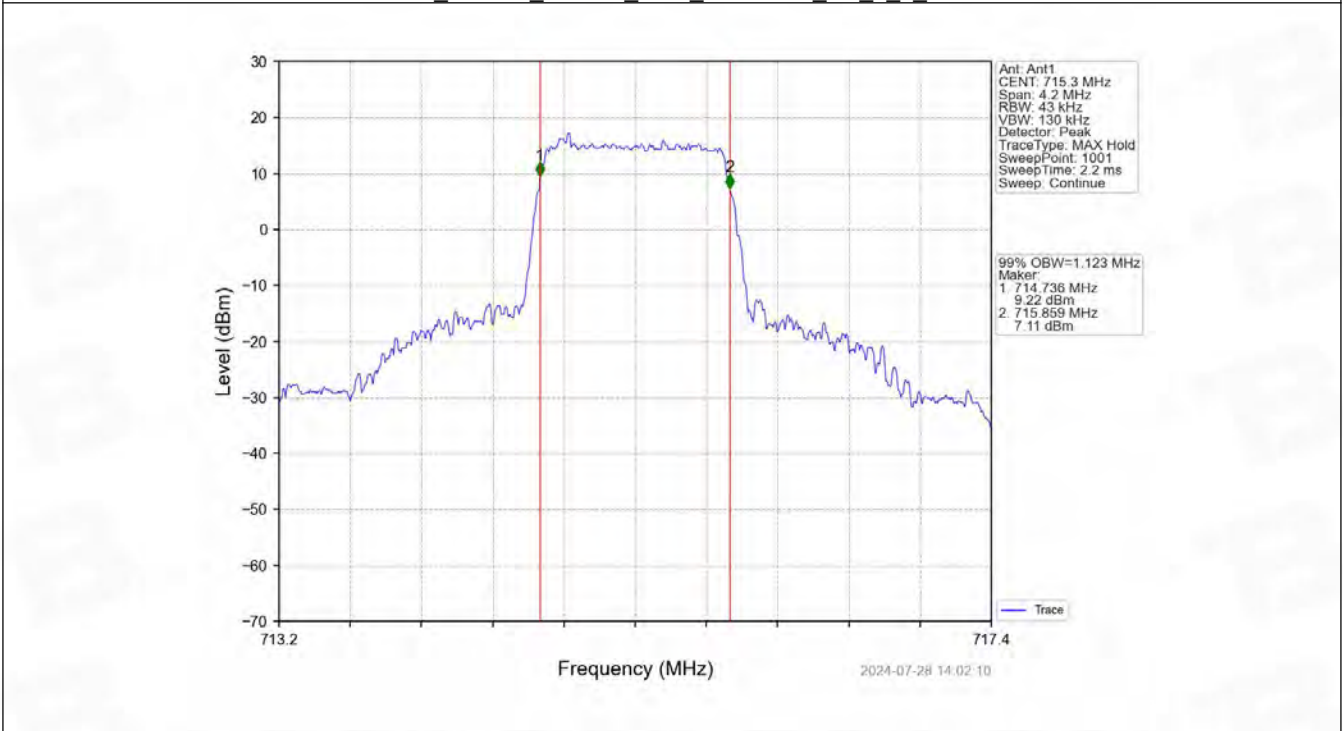
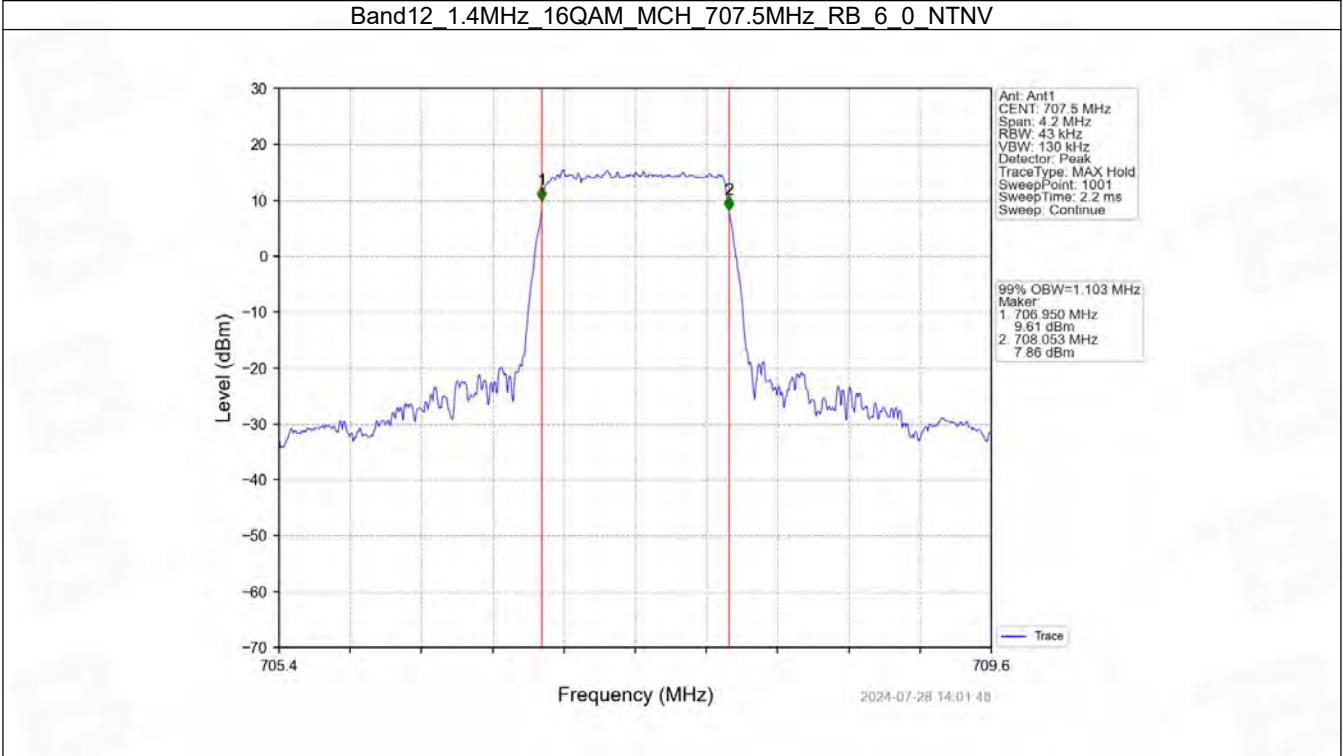


Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV

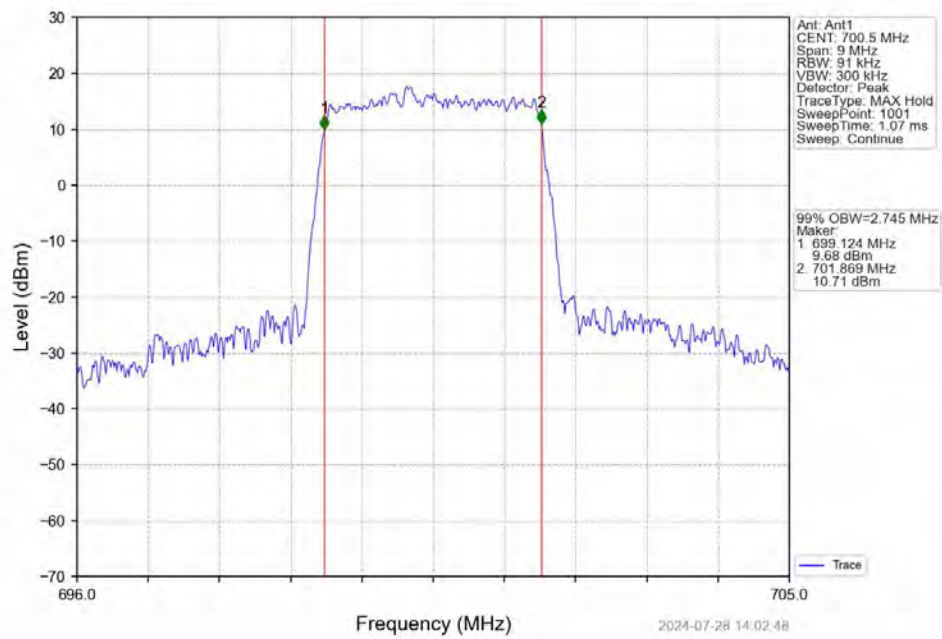


Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV

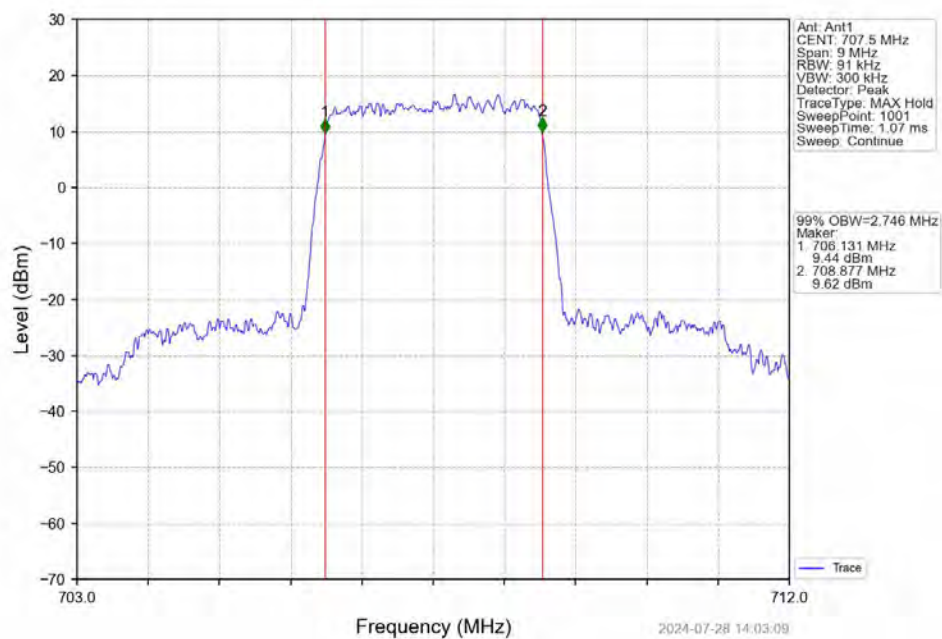




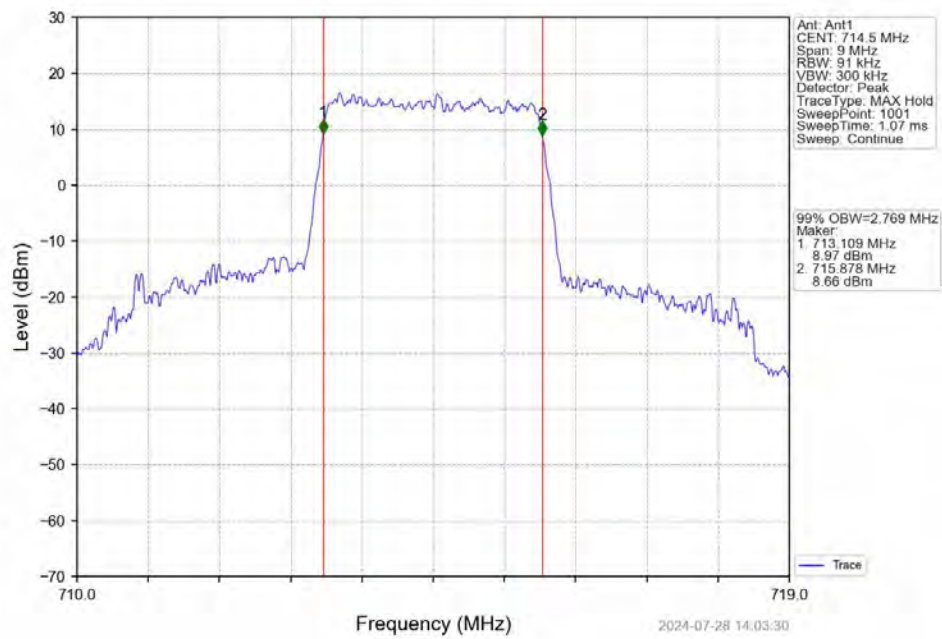
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



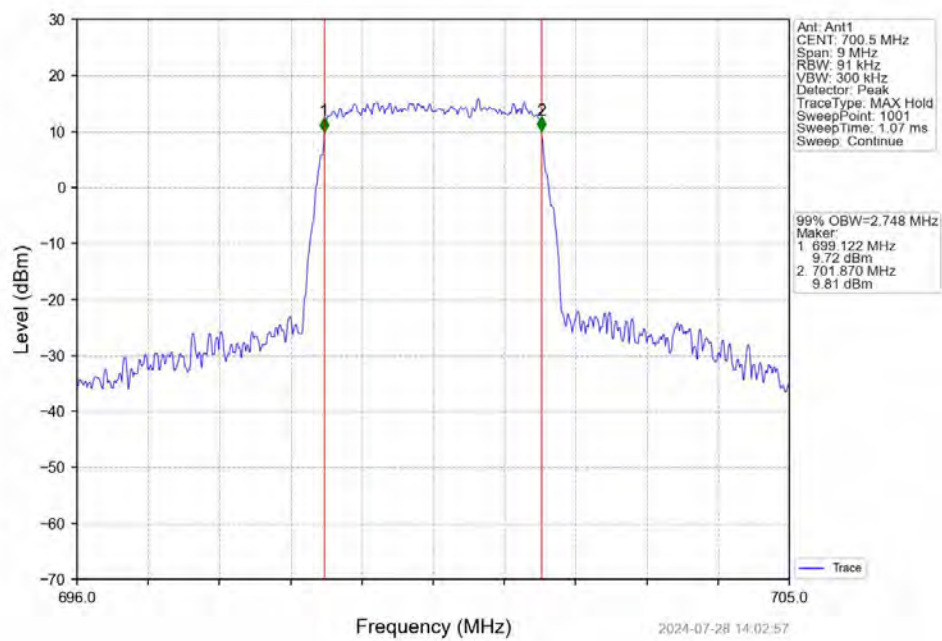
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



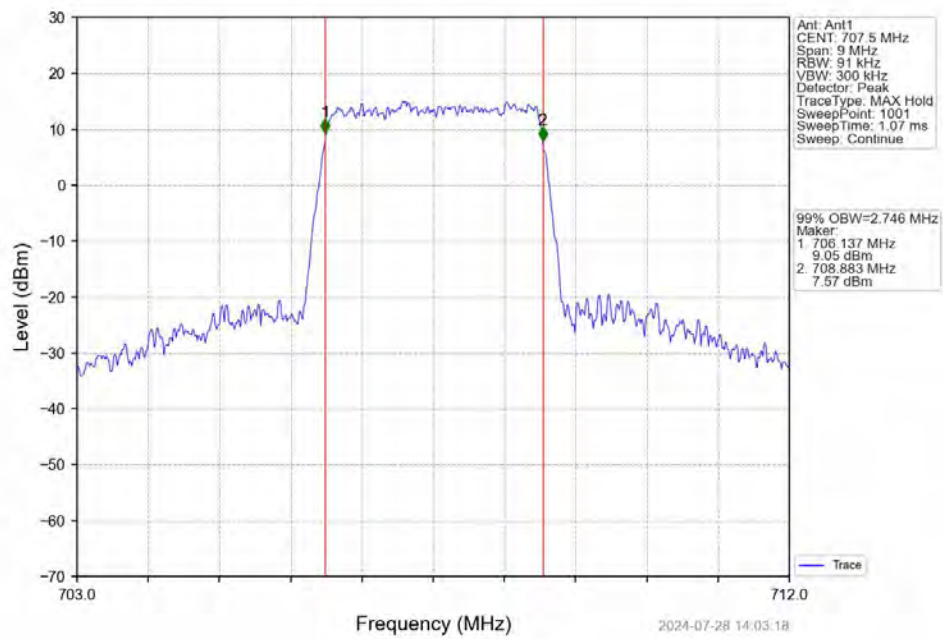
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



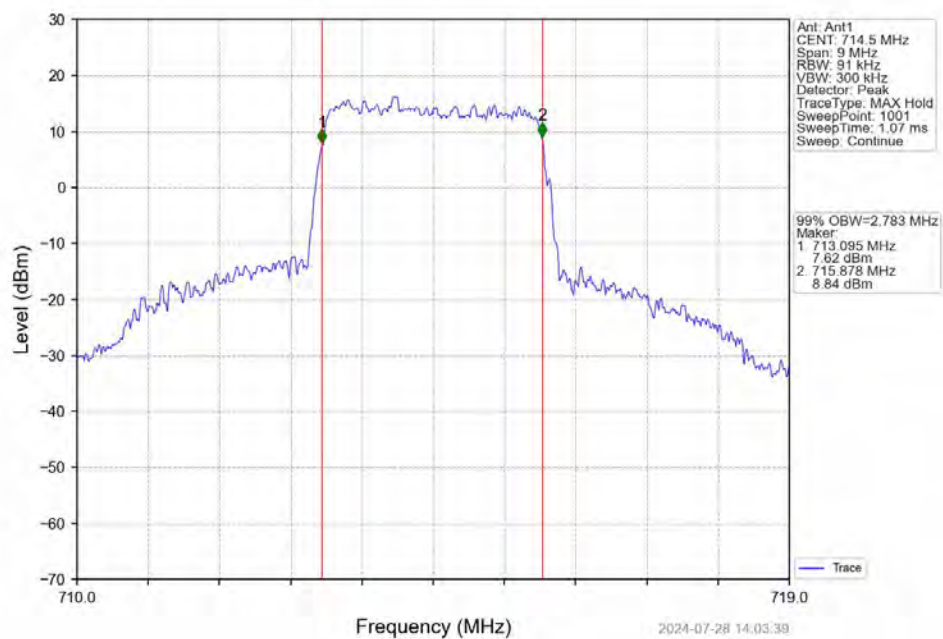
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



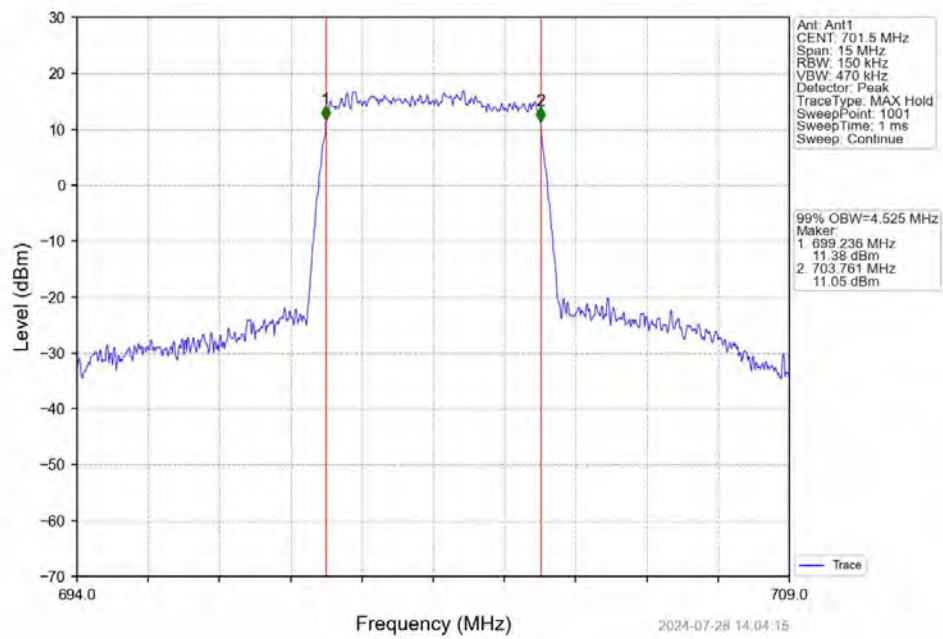
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



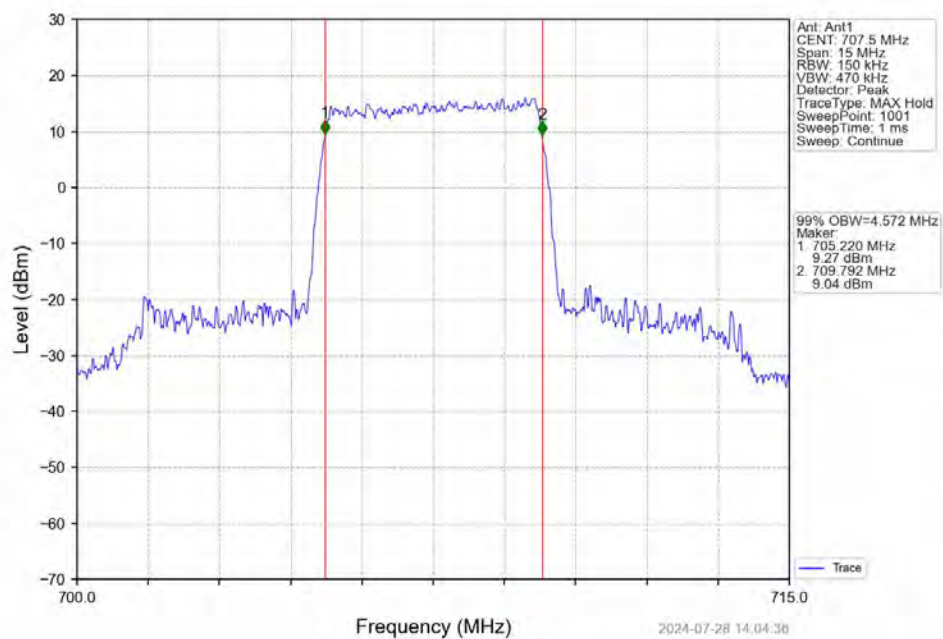
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



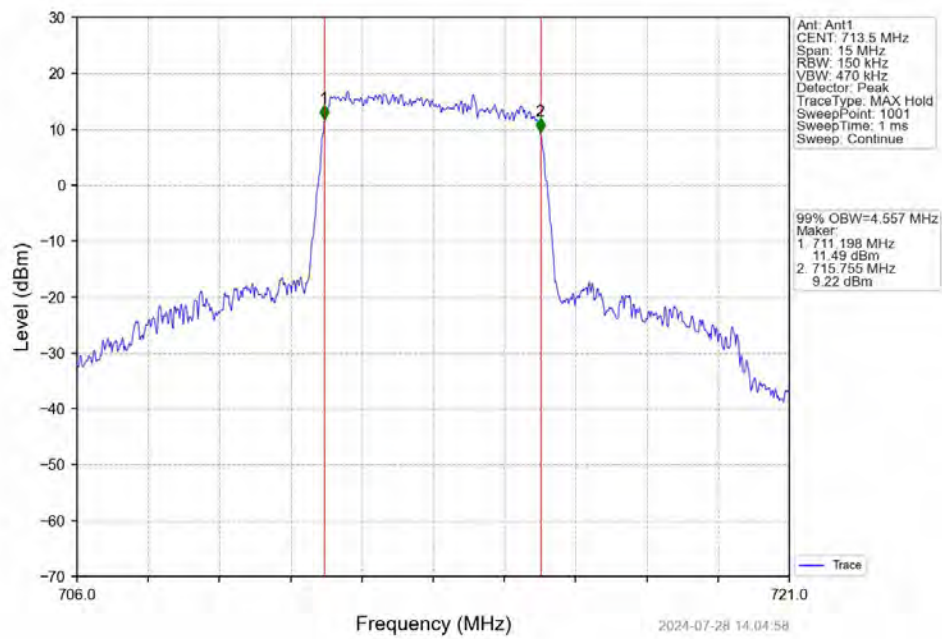
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



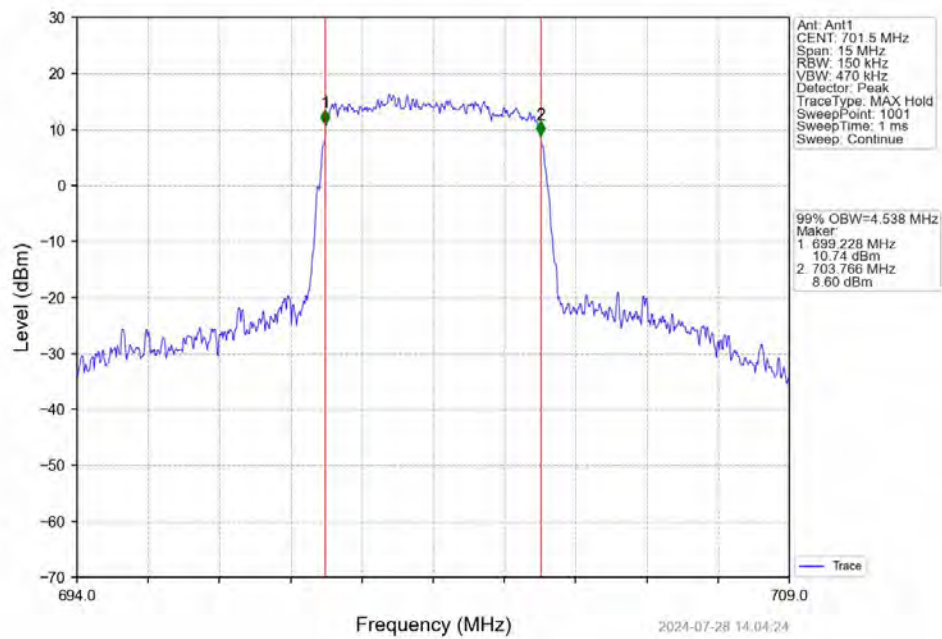
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



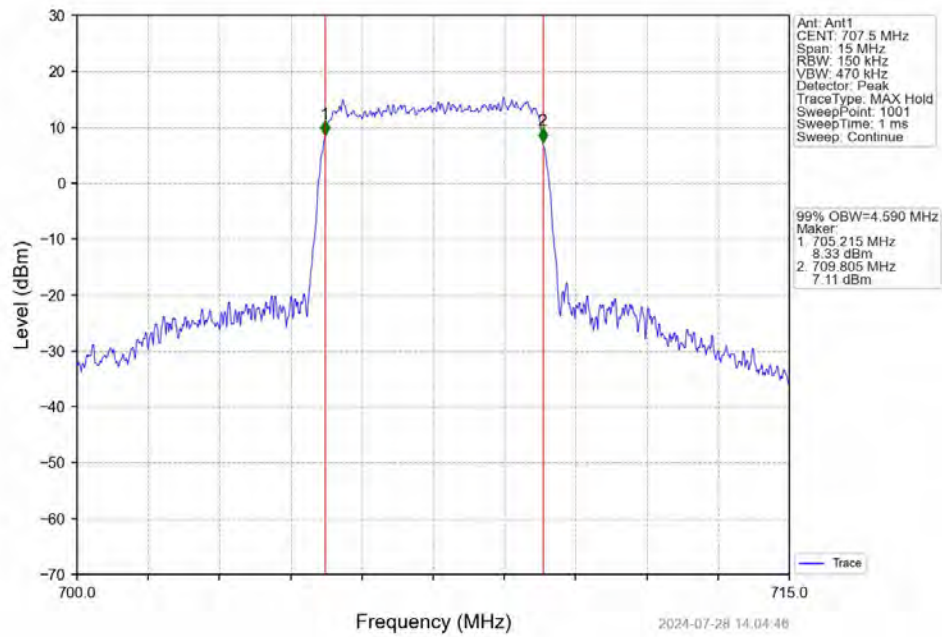
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



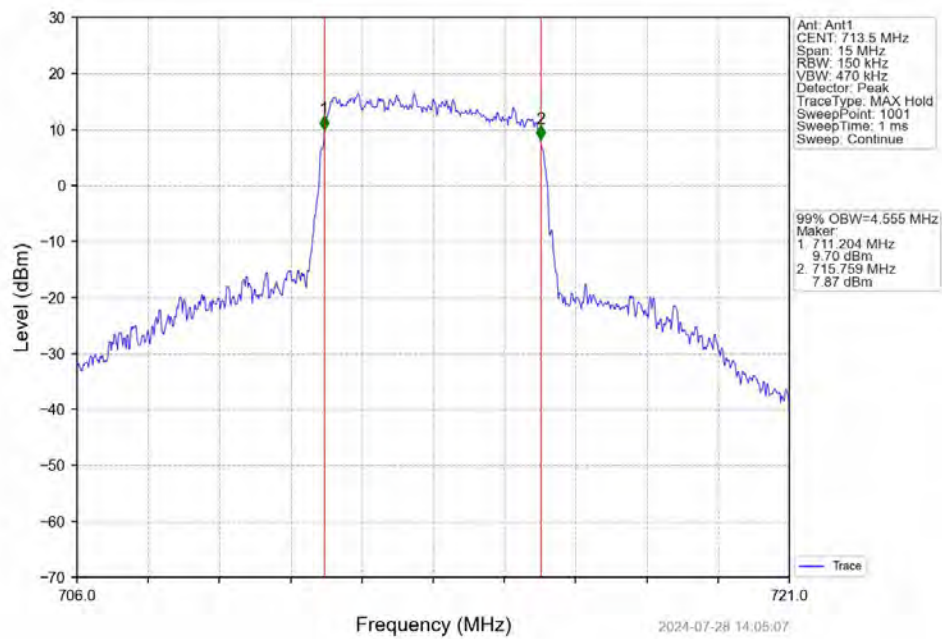
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



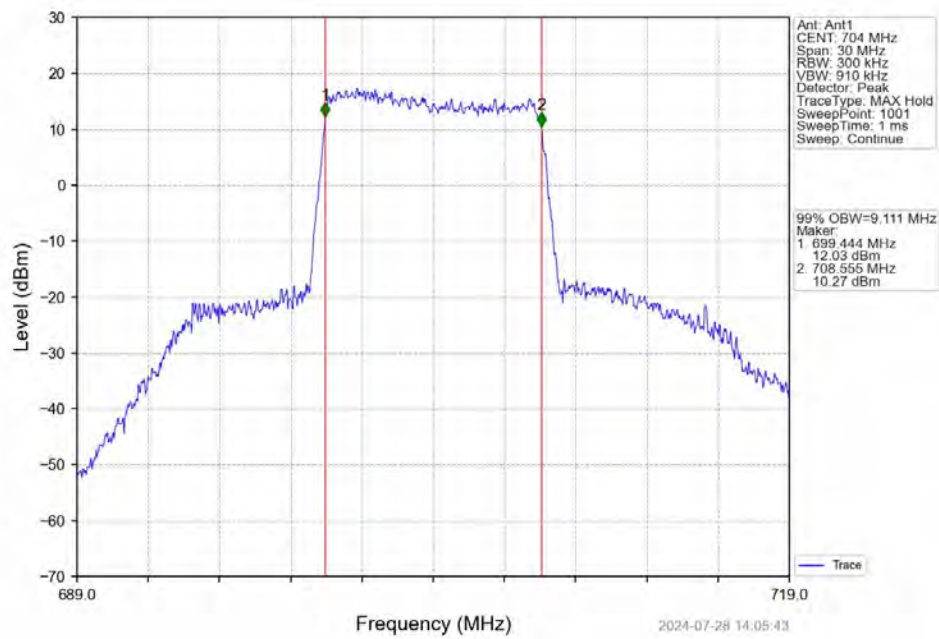
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



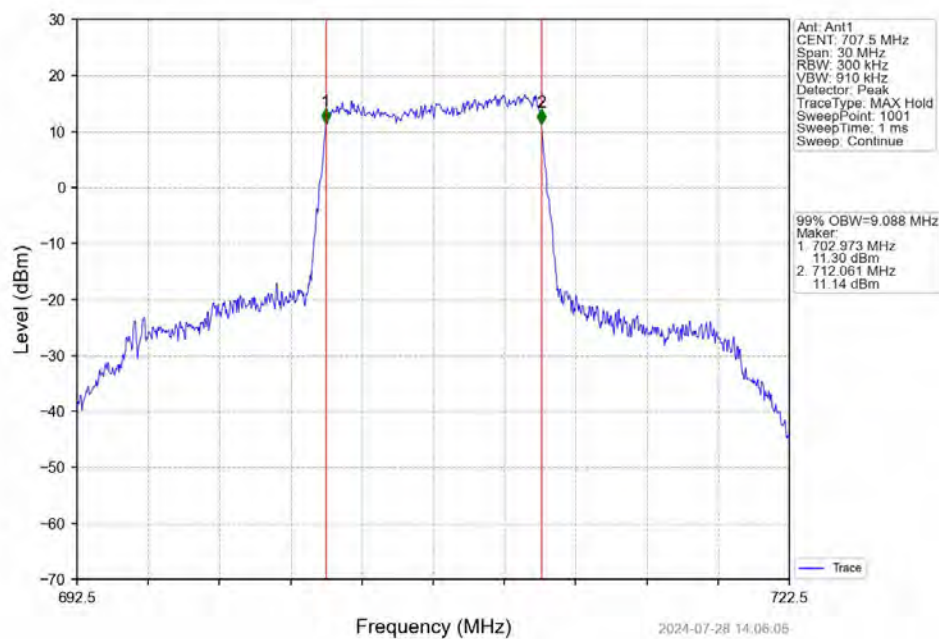
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



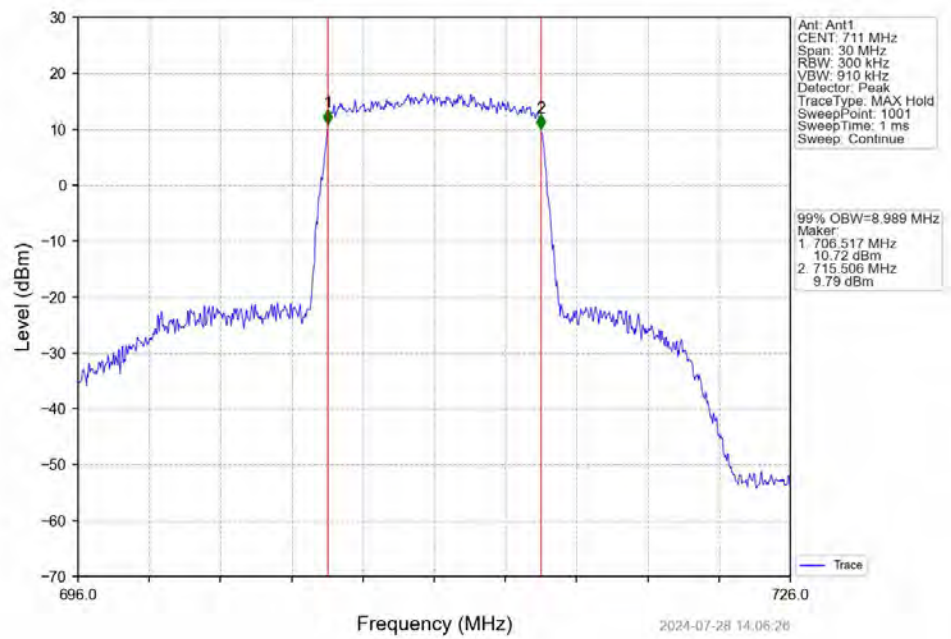
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



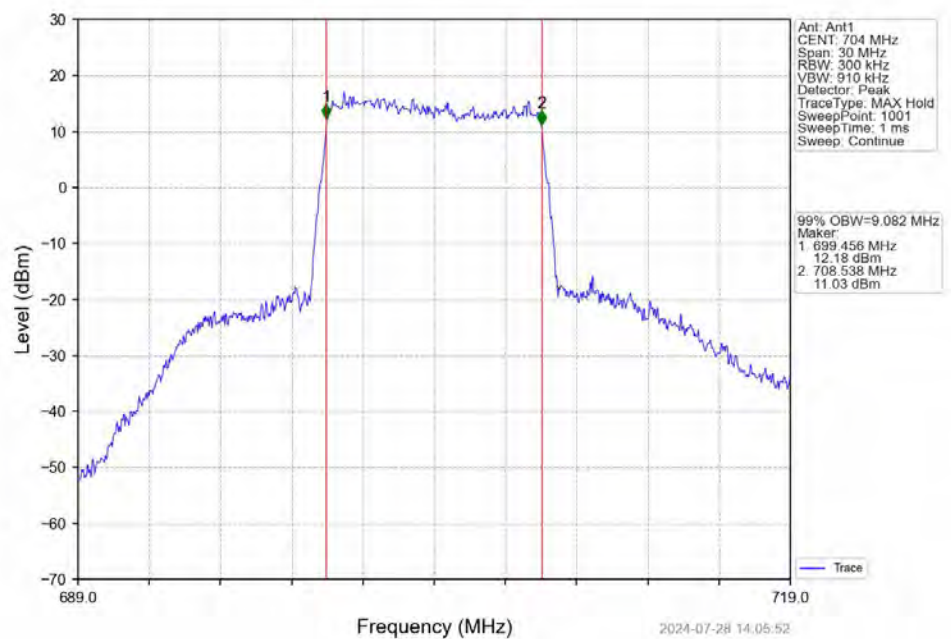
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV

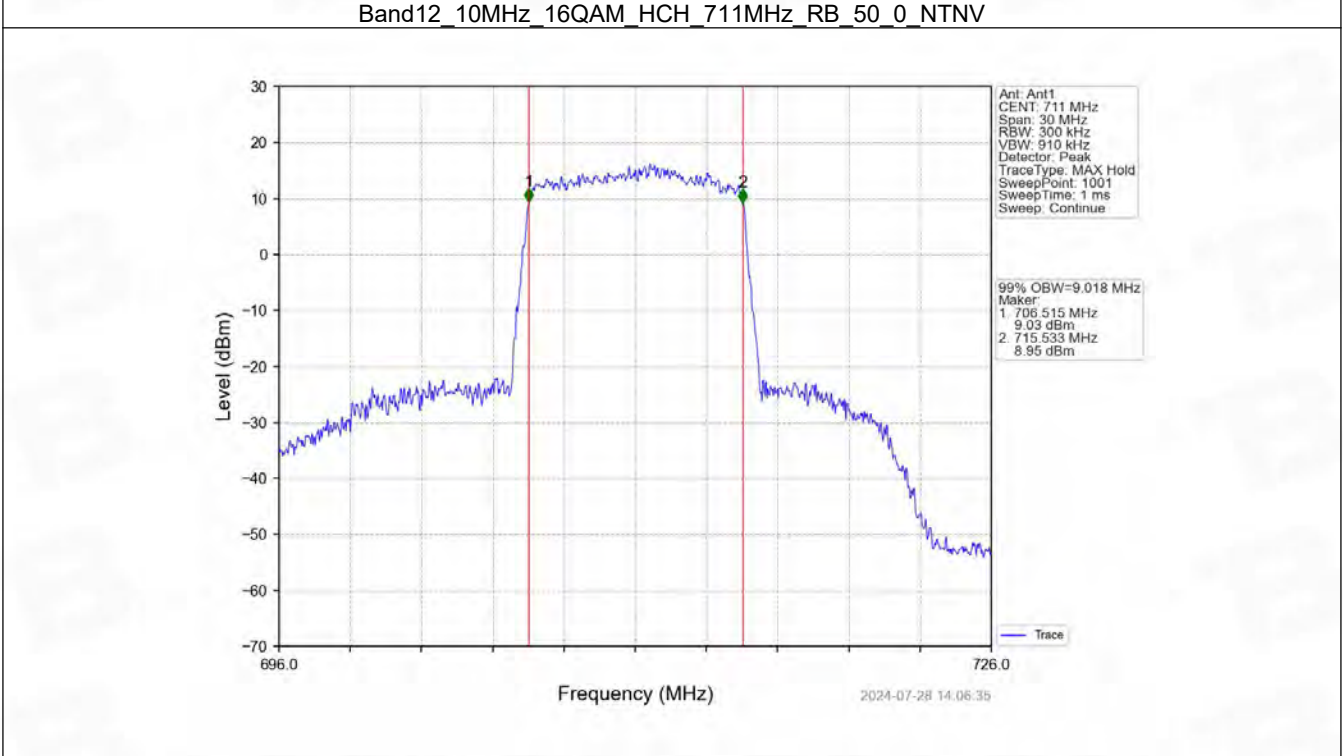
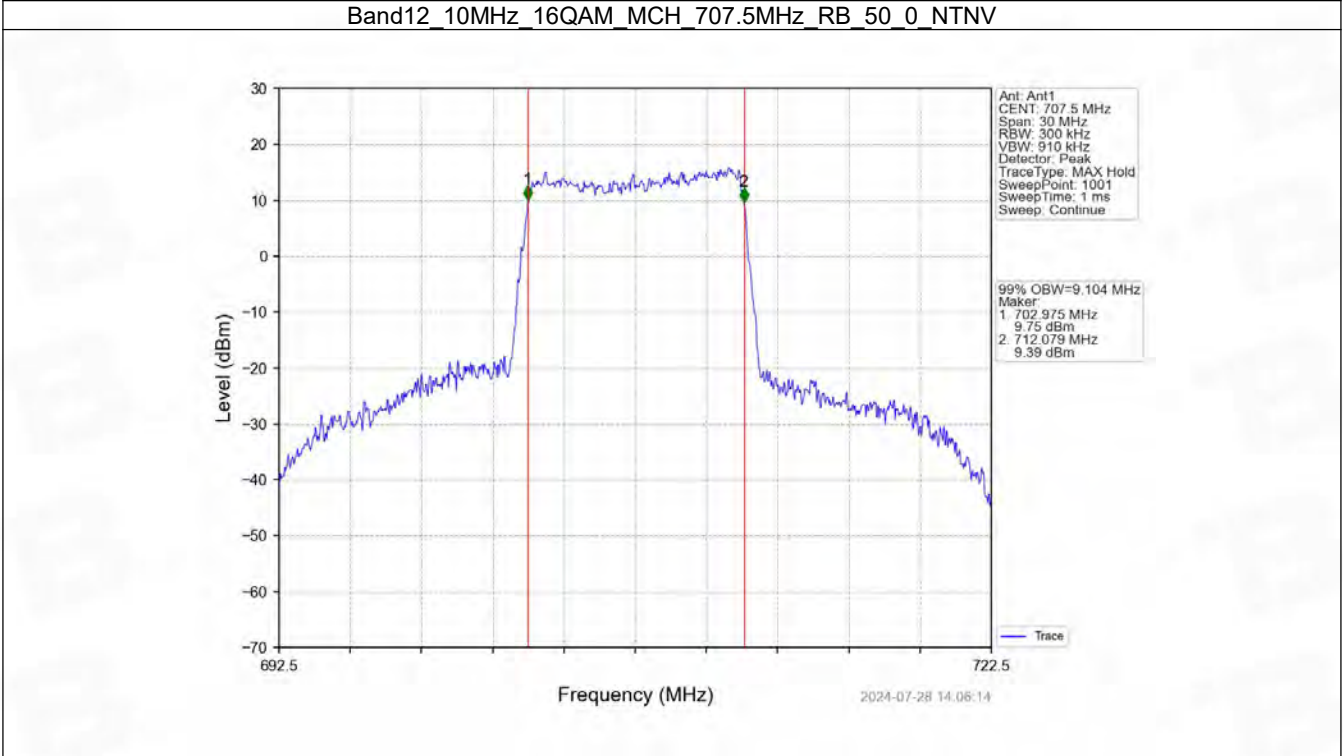


Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV

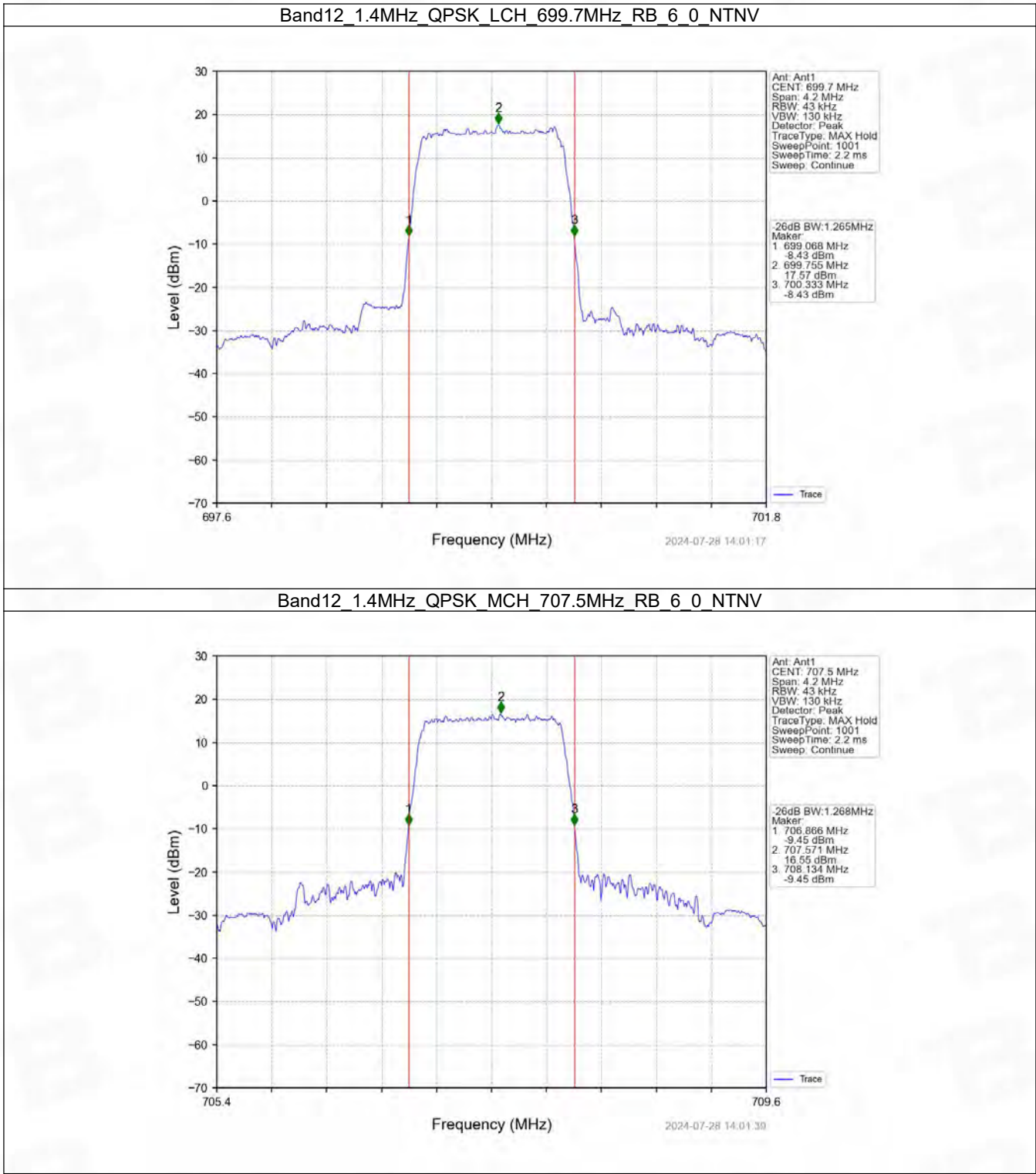


Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV

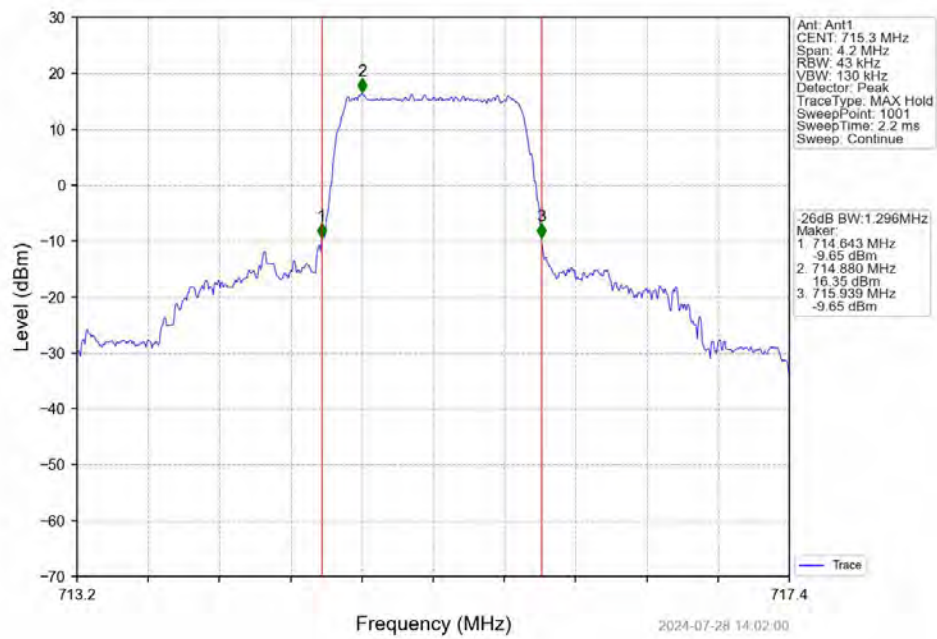




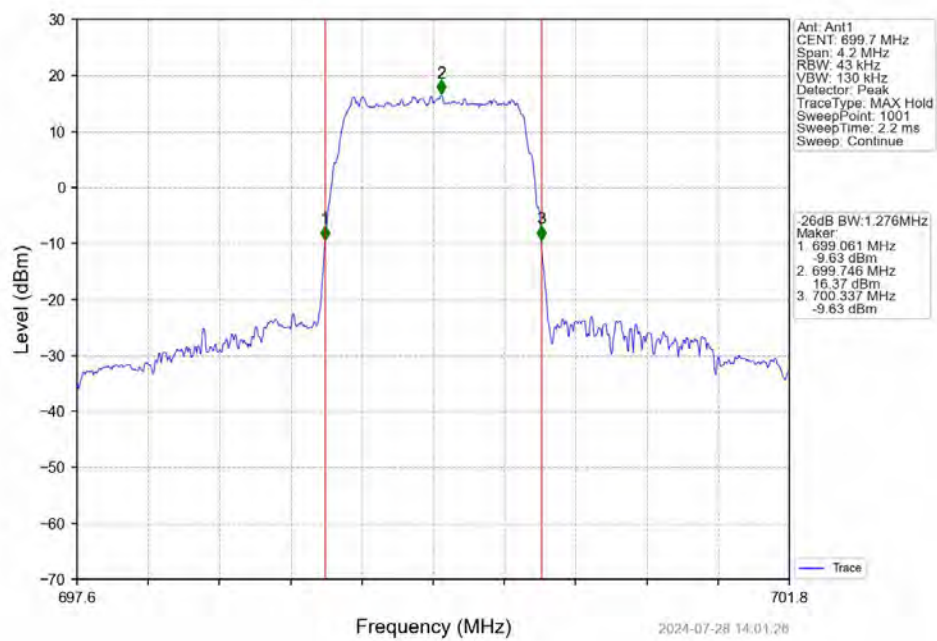
4.2.2 Band12_XDB

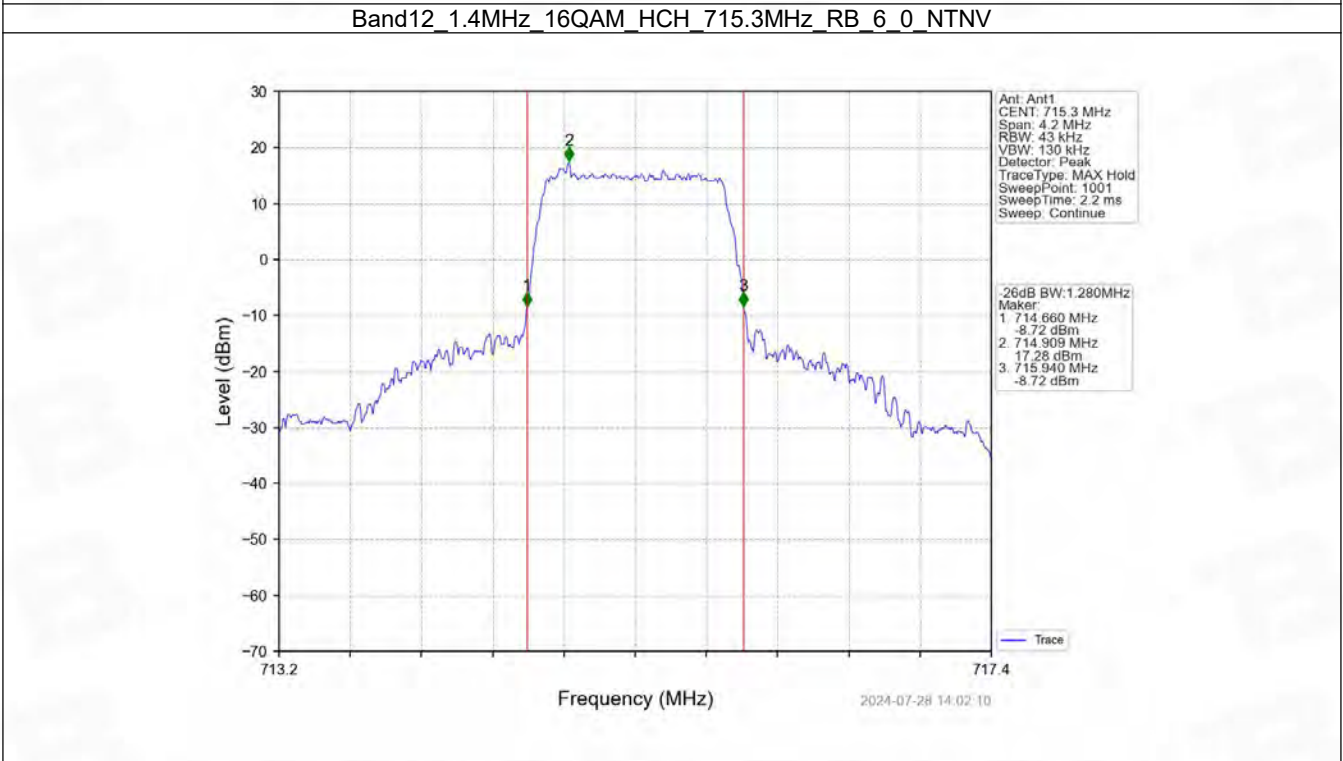
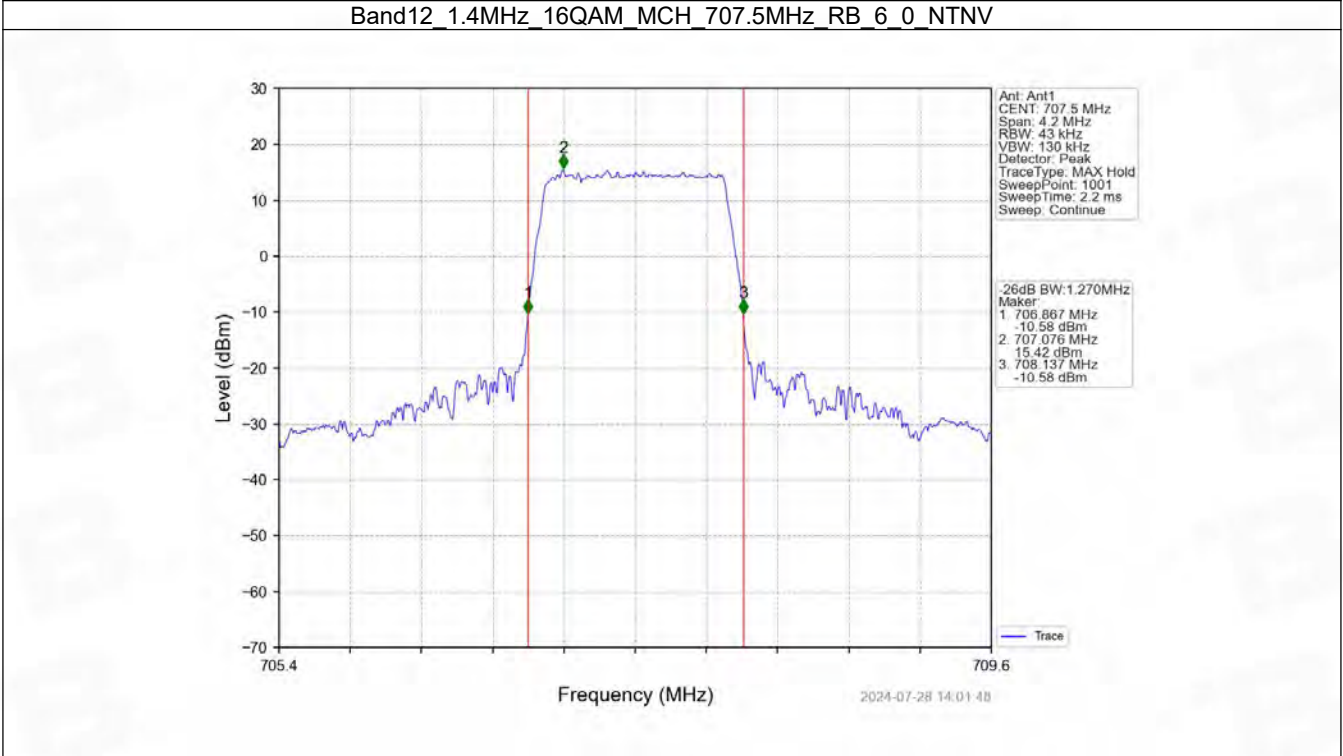


Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV

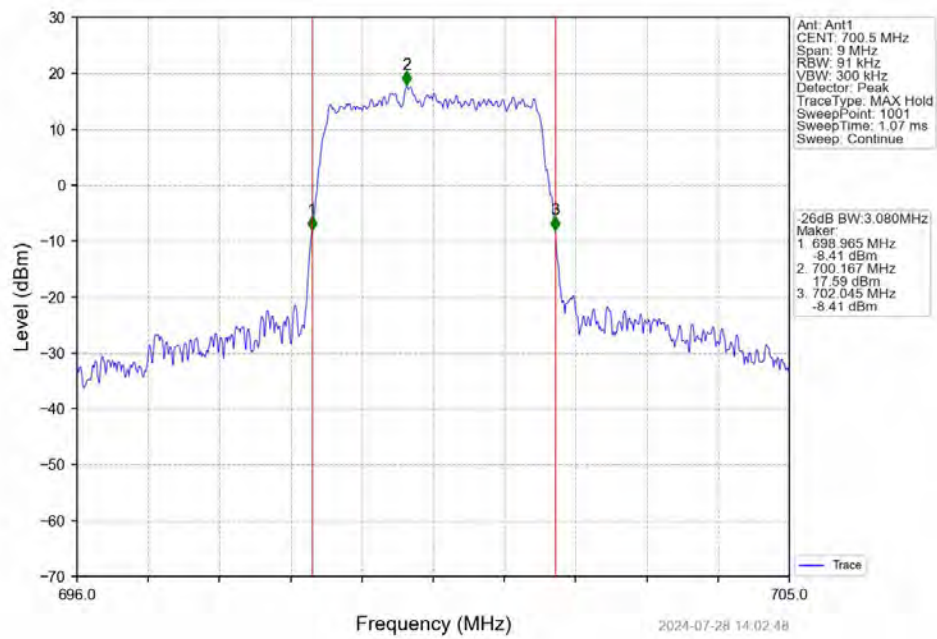


Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV

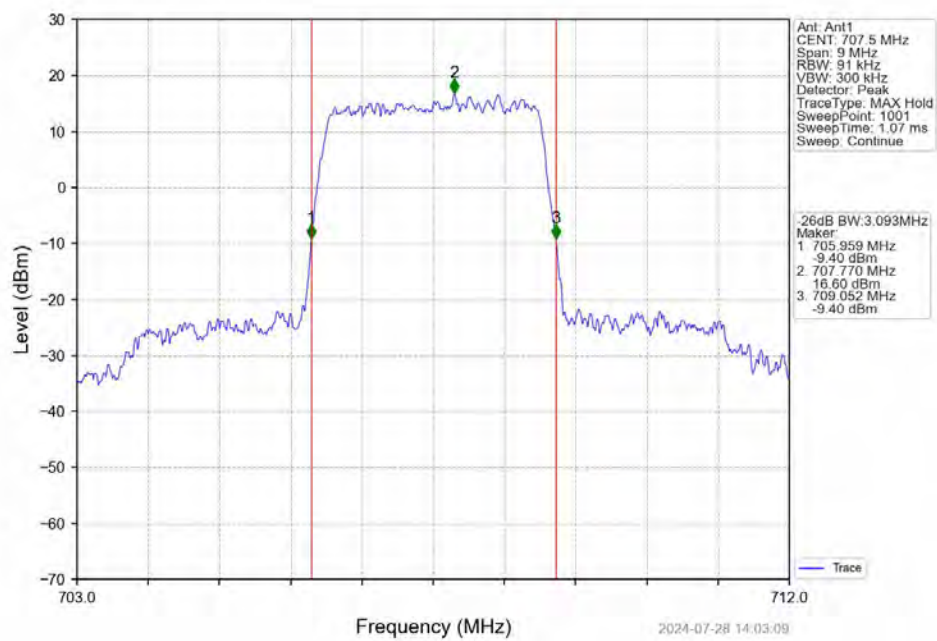




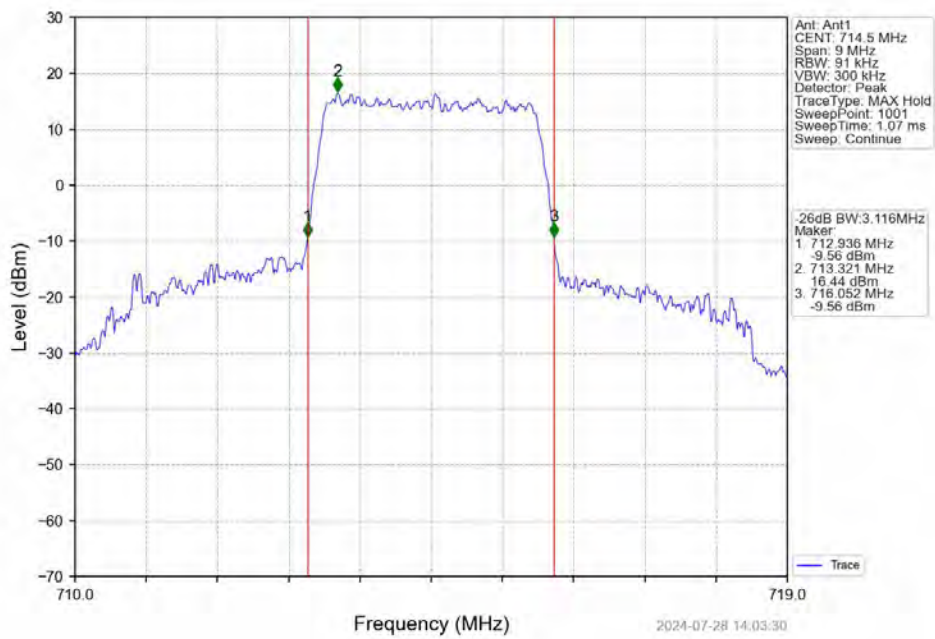
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



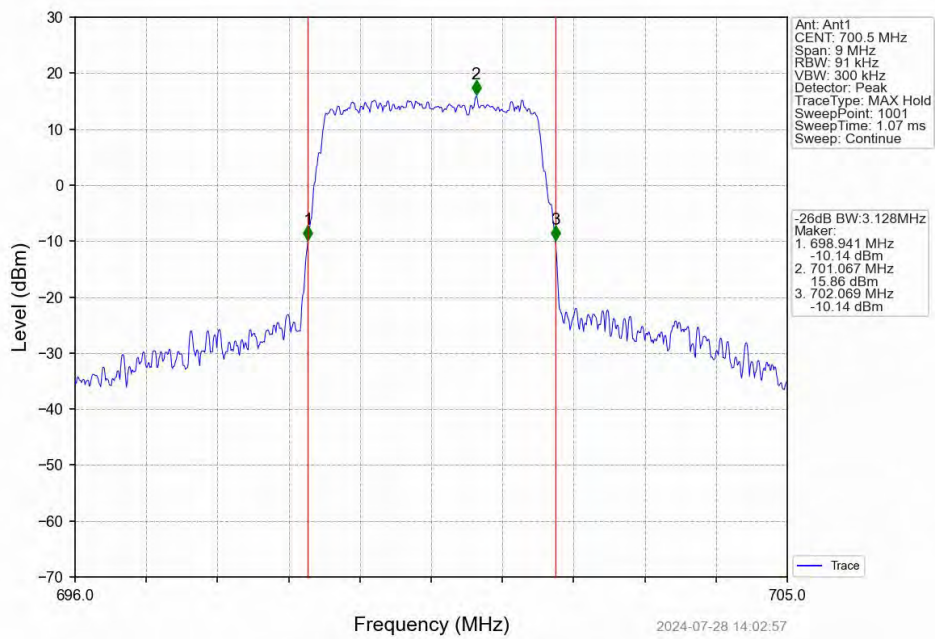
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



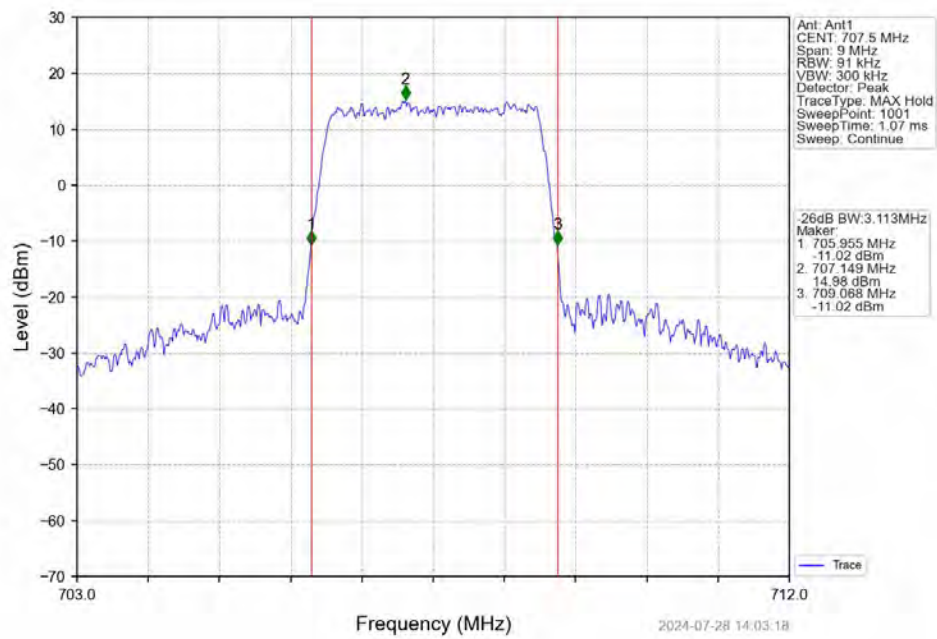
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



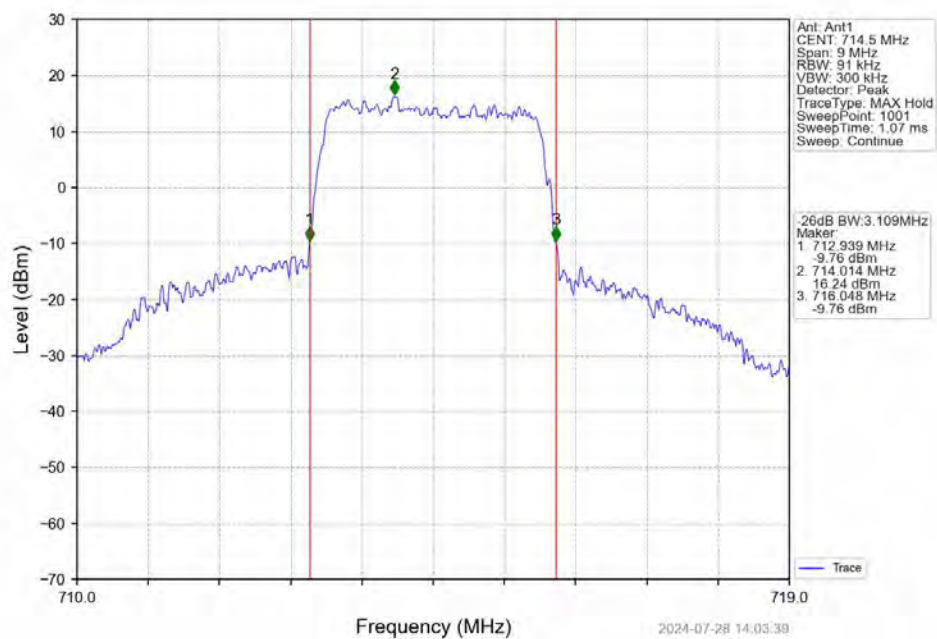
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



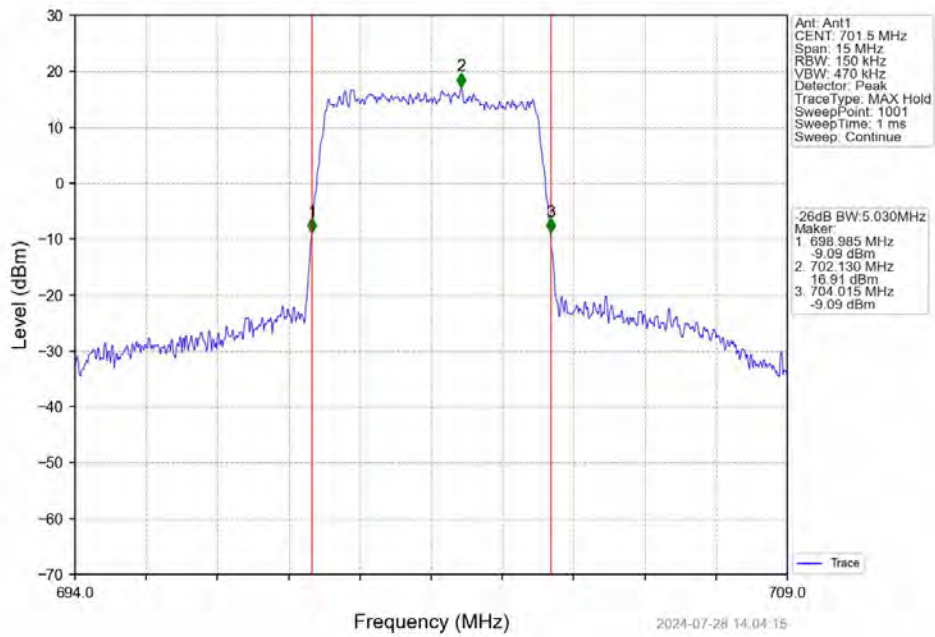
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



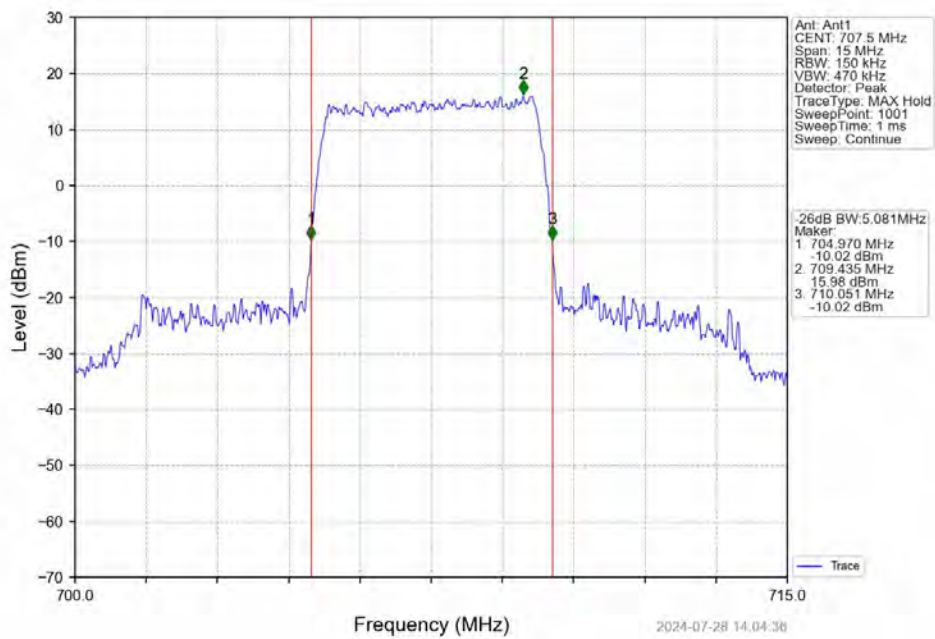
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



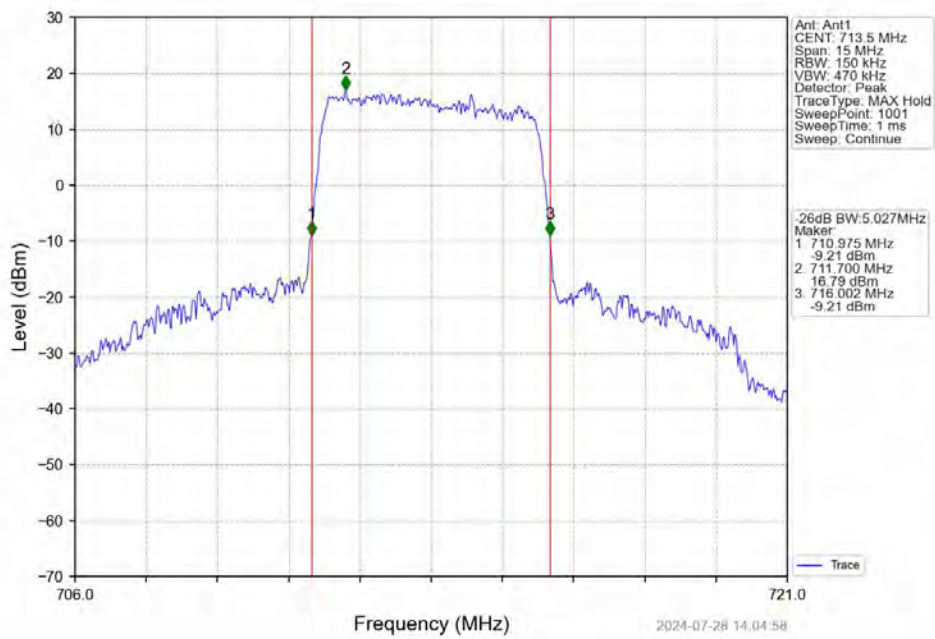
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



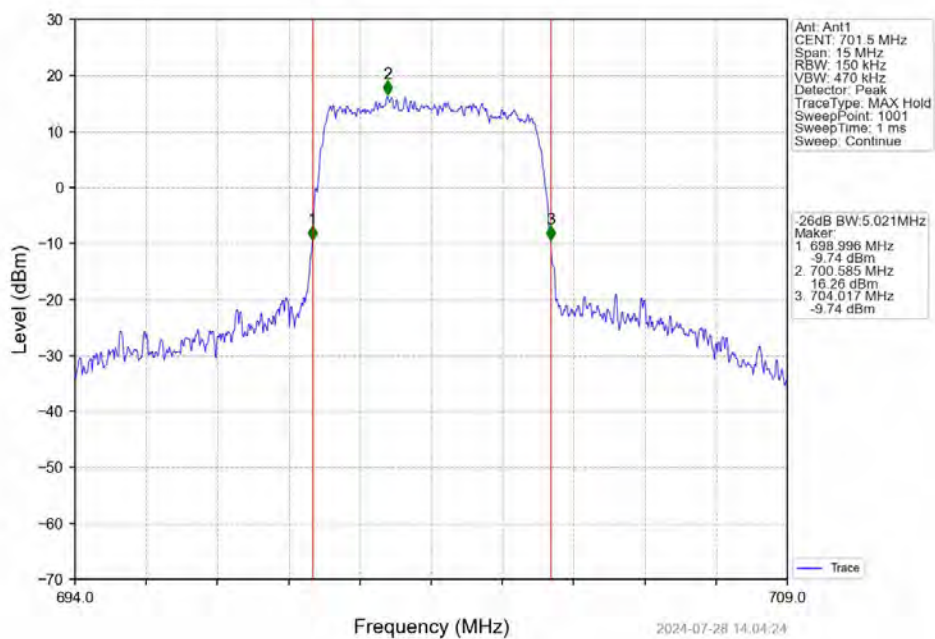
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



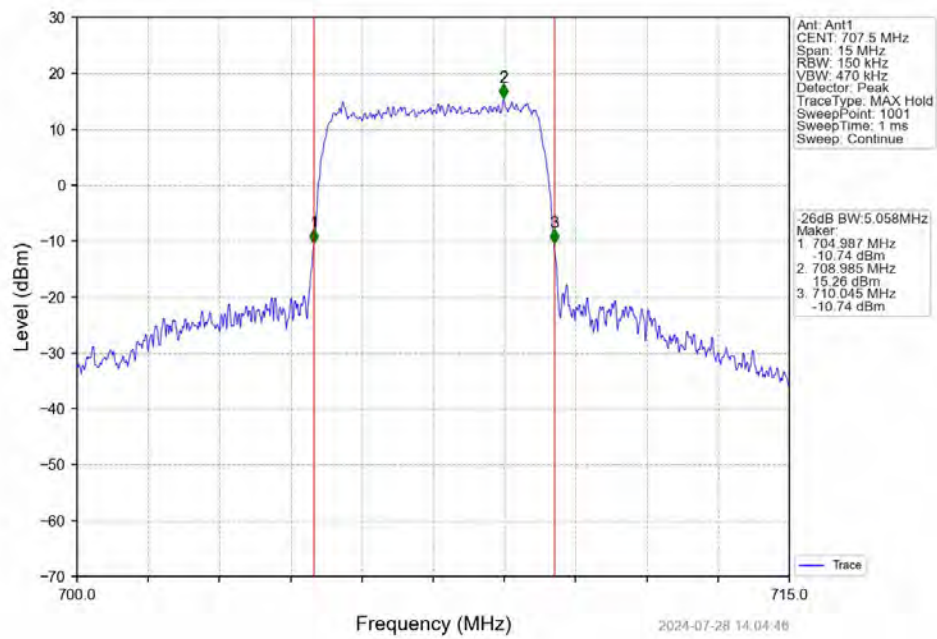
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



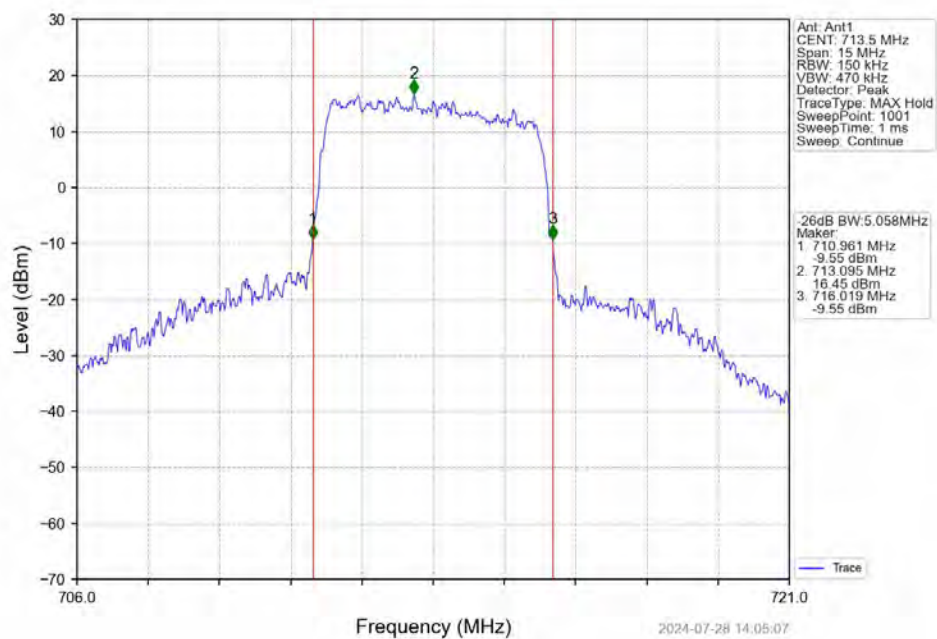
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



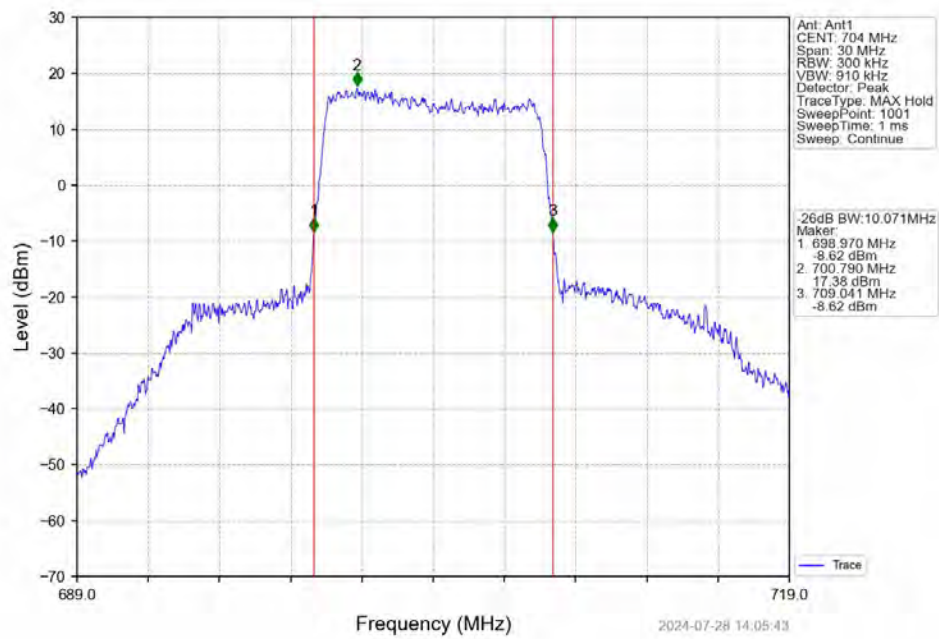
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



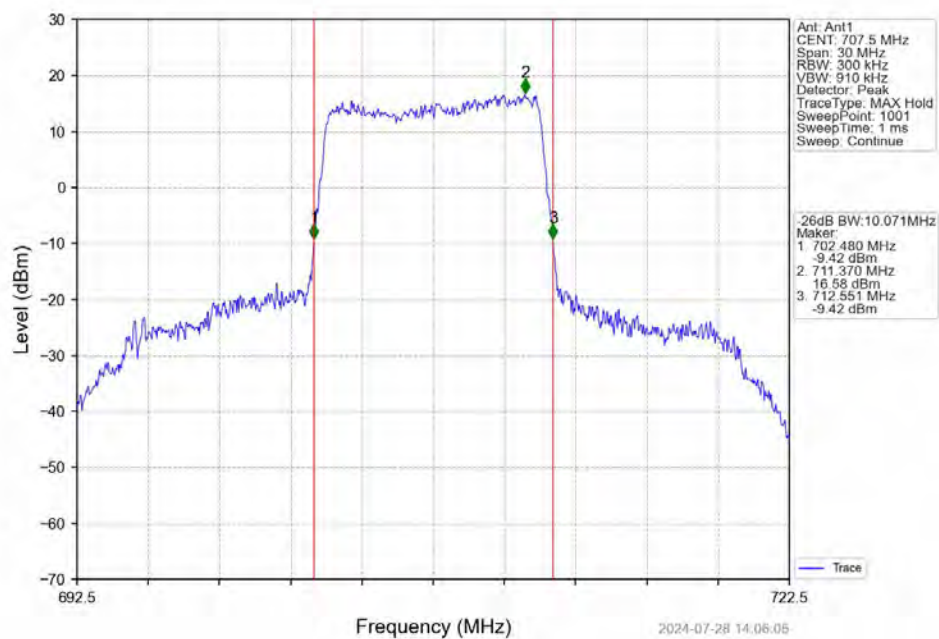
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



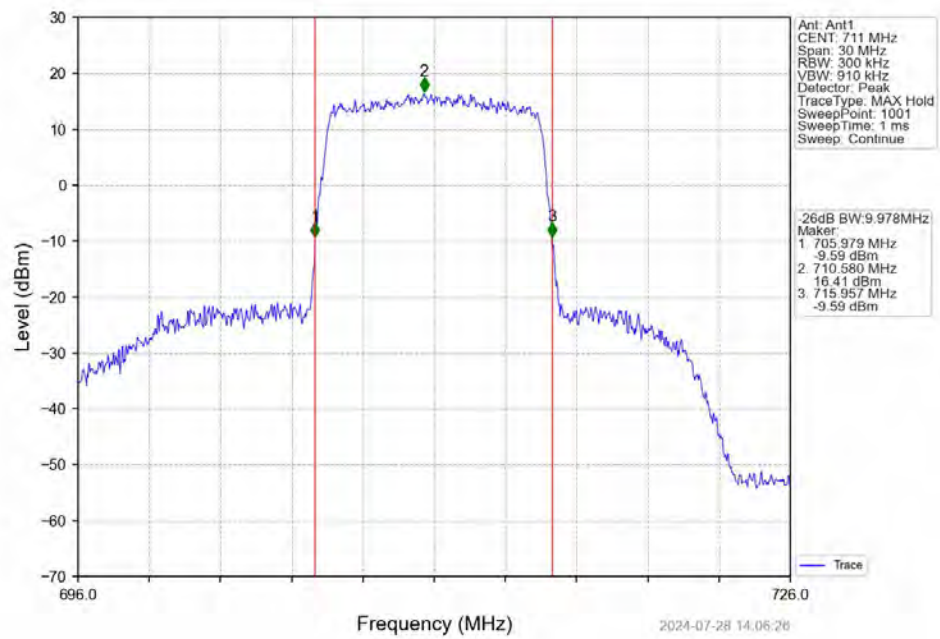
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



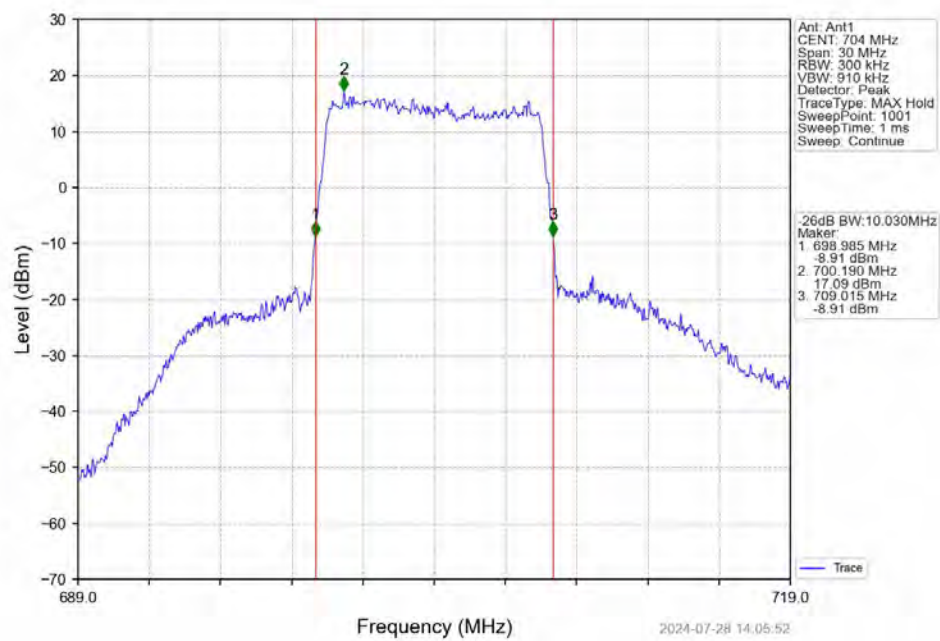
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV

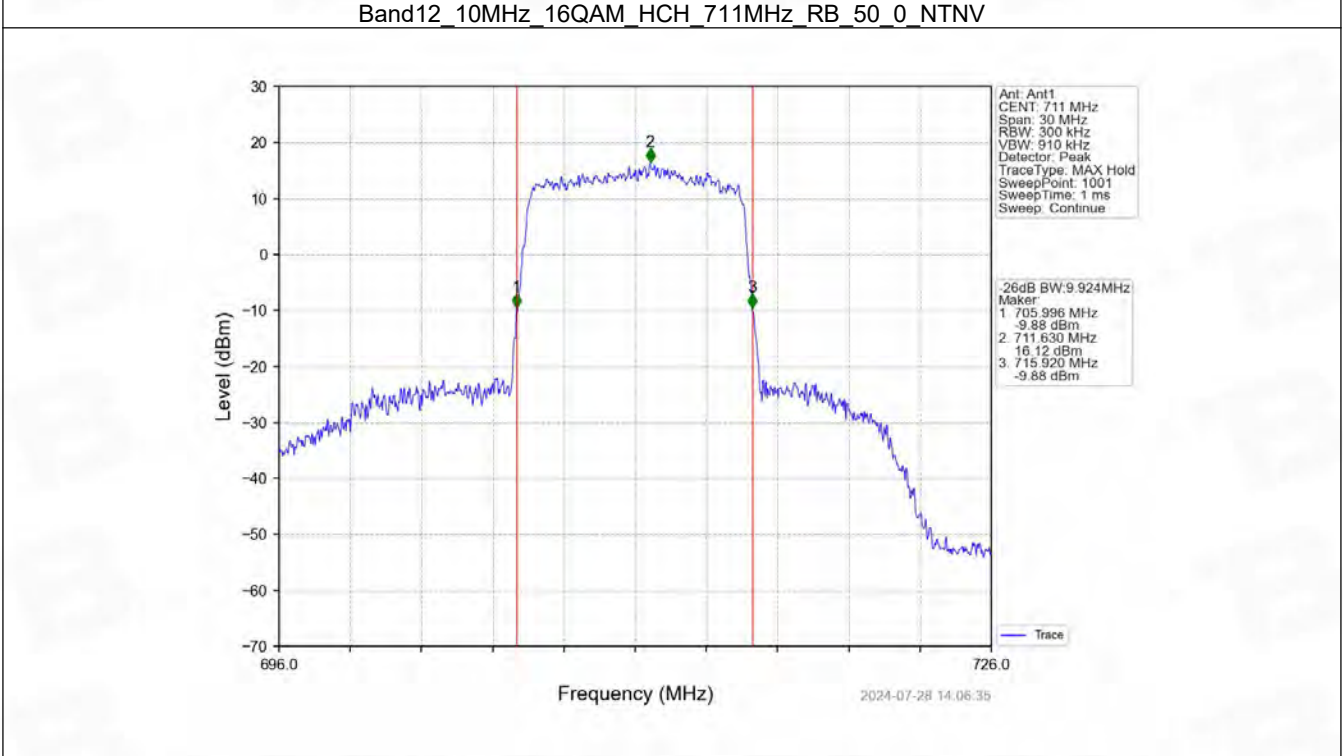
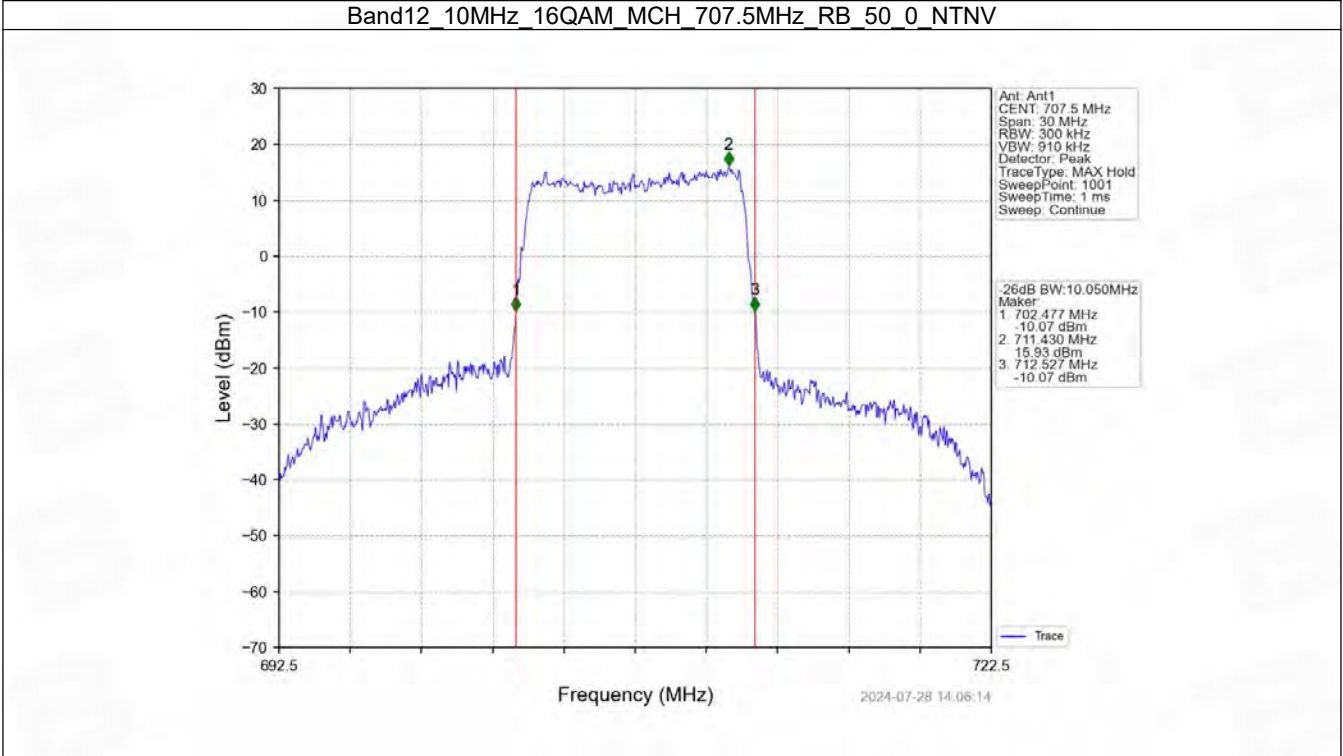


Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_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	5.64	<=13	Pass
	707.5	6	0	5.37	<=13	Pass
	715.3	6	0	4.51	<=13	Pass
16QAM	699.7	6	0	6.36	<=13	Pass
	707.5	6	0	6.27	<=13	Pass
	715.3	6	0	5.30	<=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	5.51	<=13	Pass
	707.5	15	0	5.37	<=13	Pass
	714.5	15	0	4.77	<=13	Pass
16QAM	700.5	15	0	6.36	<=13	Pass
	707.5	15	0	6.27	<=13	Pass
	714.5	15	0	5.44	<=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	5.34	<=13	Pass
	707.5	25	0	5.59	<=13	Pass
	713.5	25	0	5.24	<=13	Pass
16QAM	701.5	25	0	6.17	<=13	Pass
	707.5	25	0	6.33	<=13	Pass
	713.5	25	0	5.88	<=13	Pass

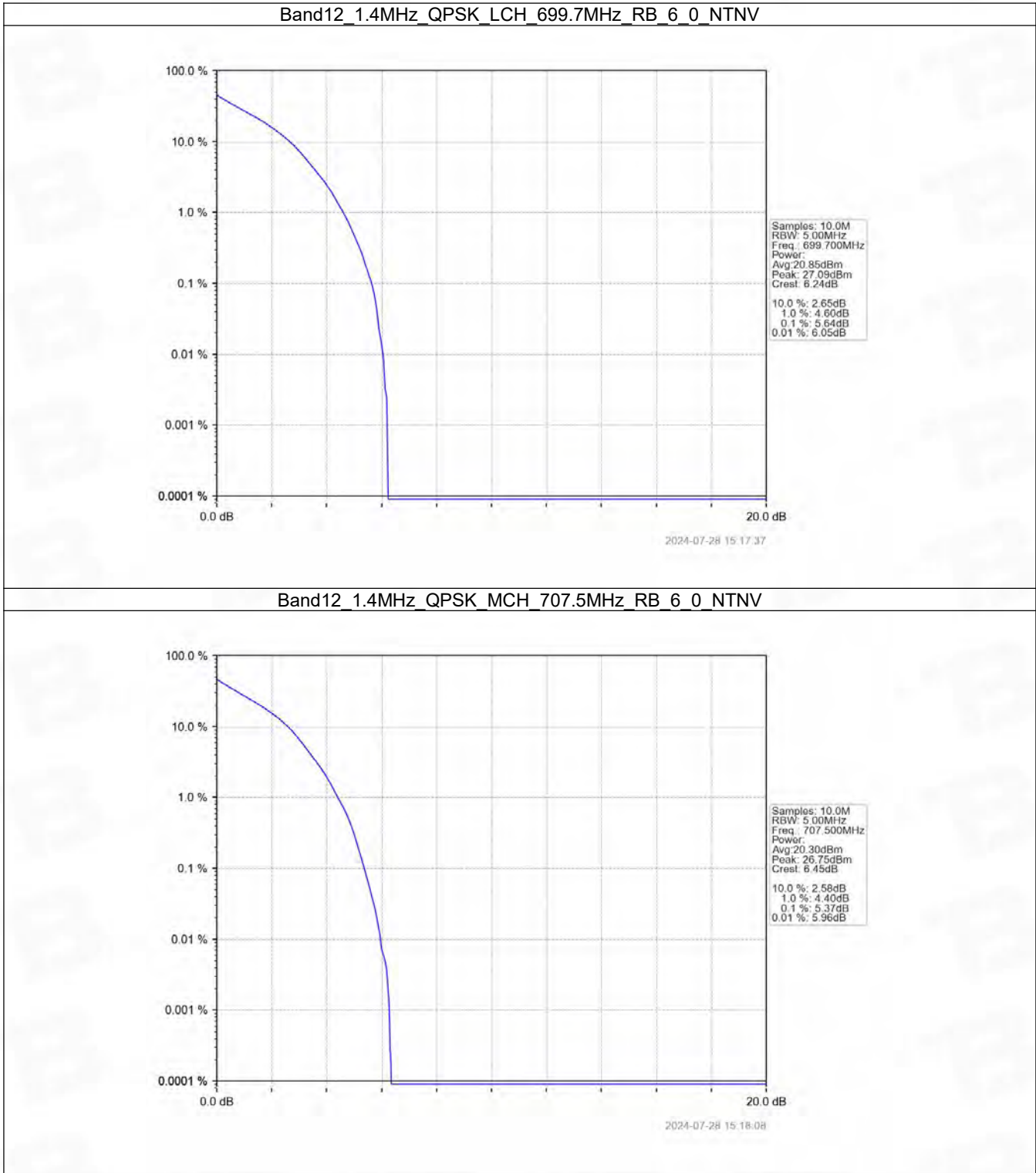
5.1.4 B12_10MHz

Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	704	50	0	5.51	<=13	Pass
	707.5	50	0	5.70	<=13	Pass
	711	50	0	5.17	<=13	Pass
16QAM	704	50	0	6.24	<=13	Pass
	707.5	50	0	6.47	<=13	Pass

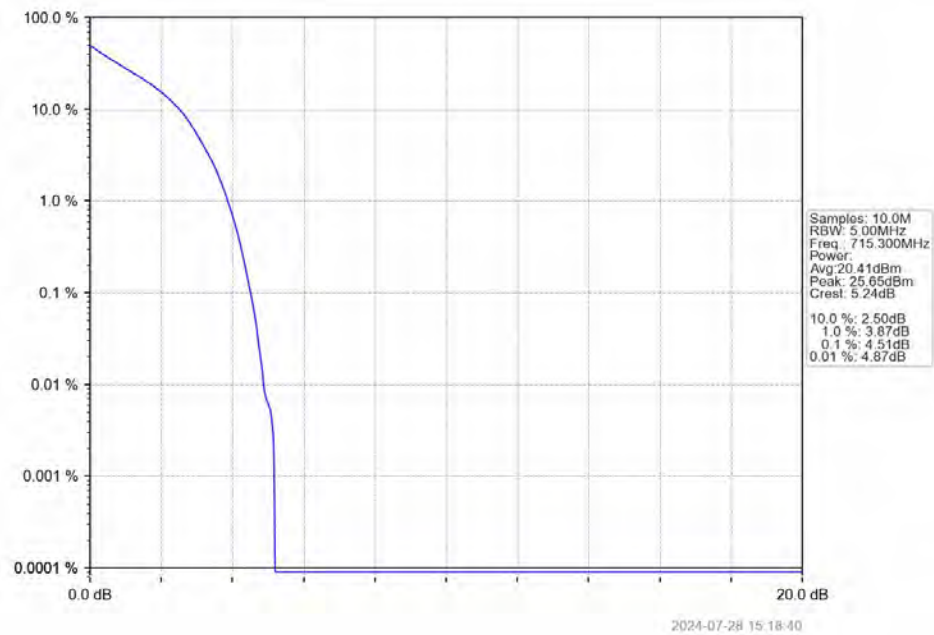
	711	50	0	6.11	<=13	Pass
--	-----	----	---	------	------	------

5.2 Test Graph

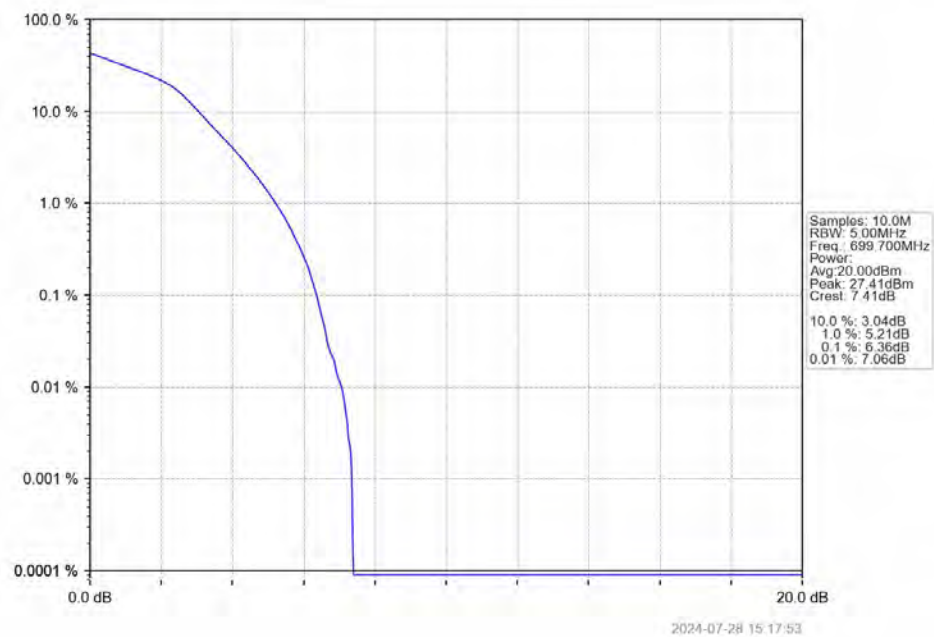
5.2.1 B12_1.4MHz



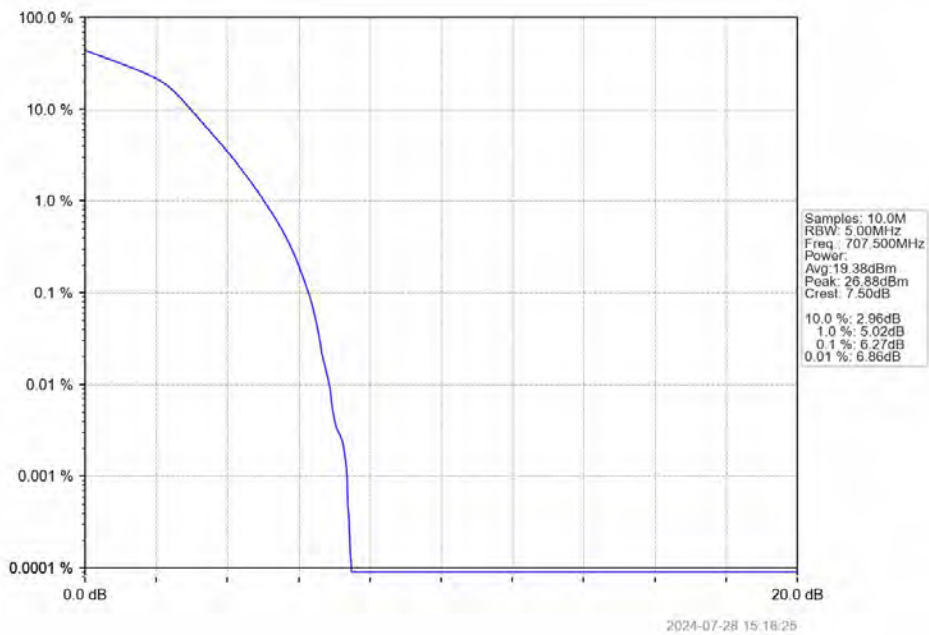
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



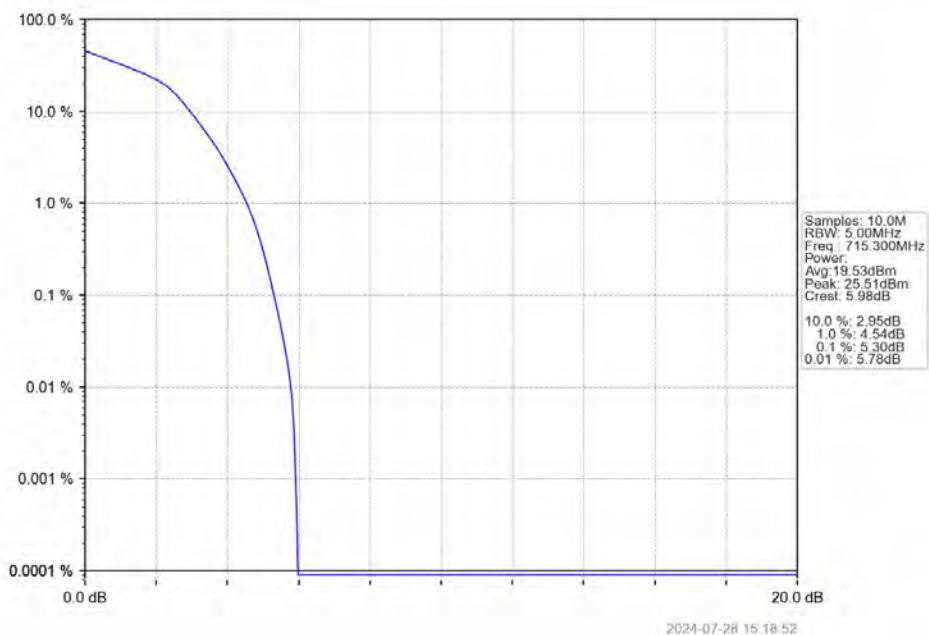
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



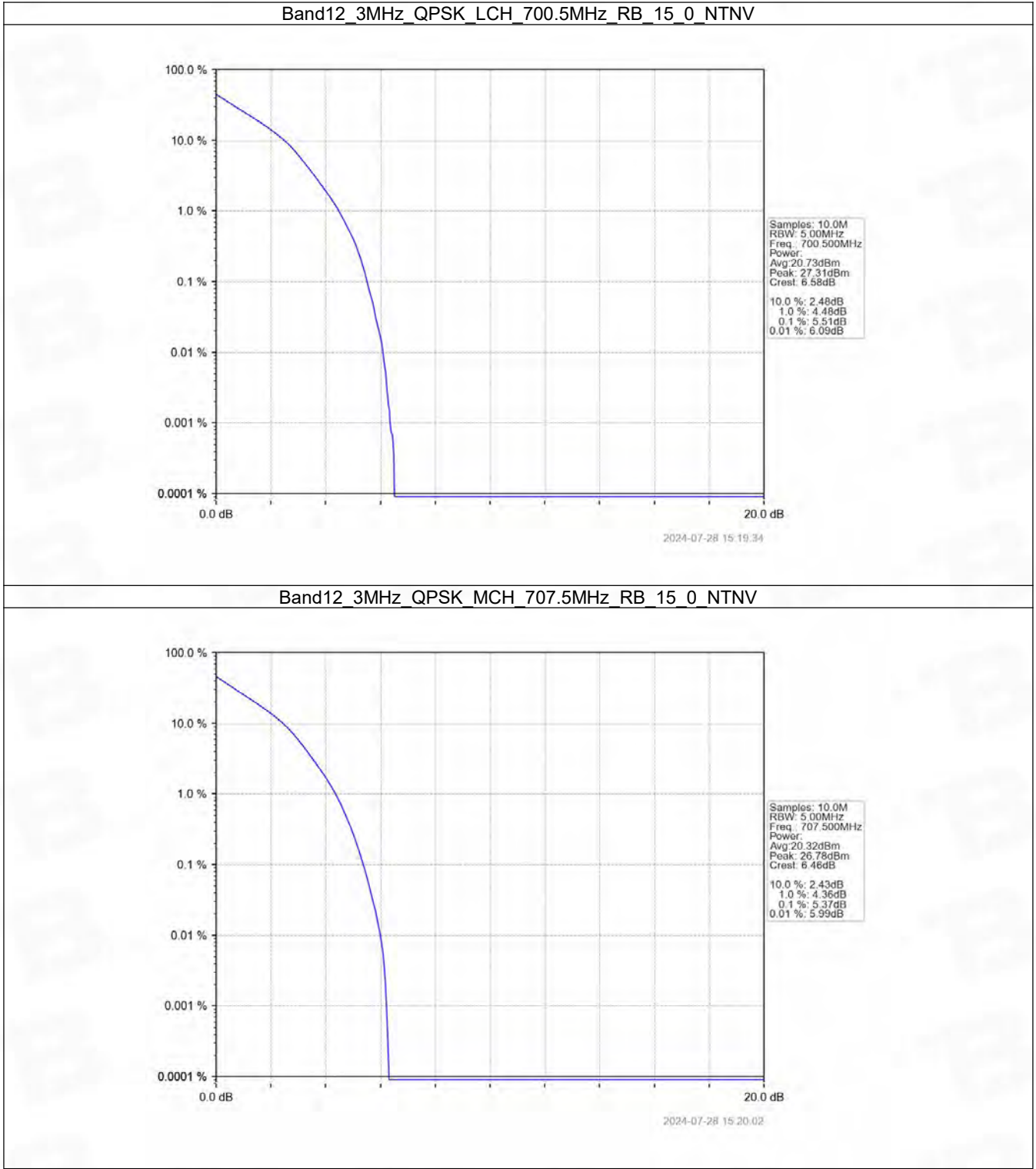
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



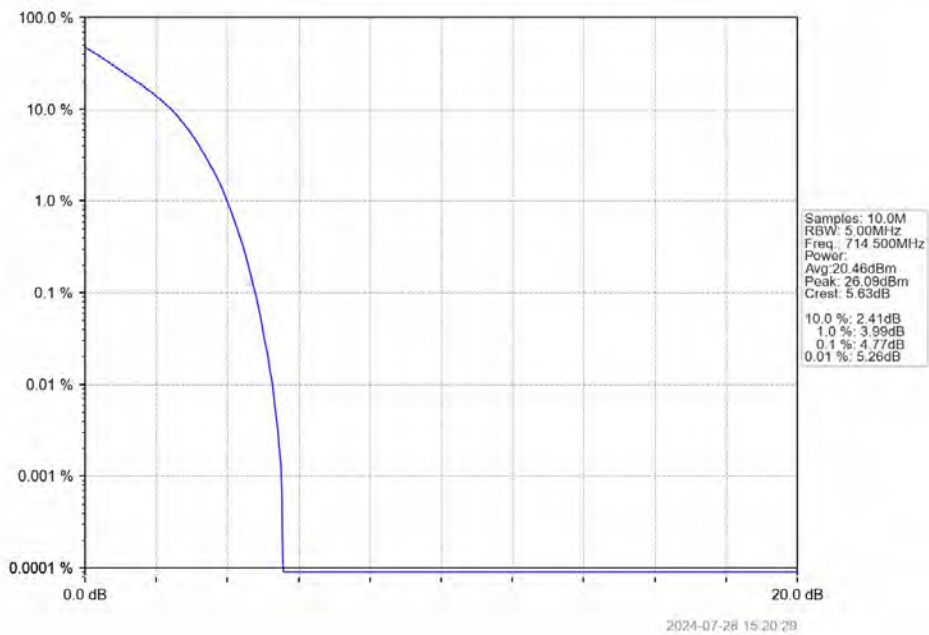
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



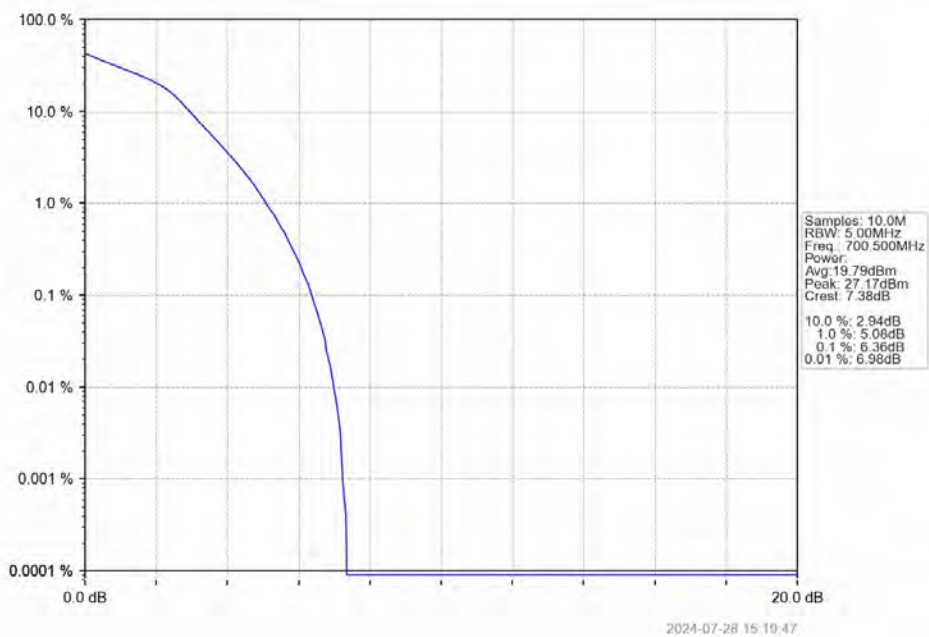
5.2.2 B12_3MHz



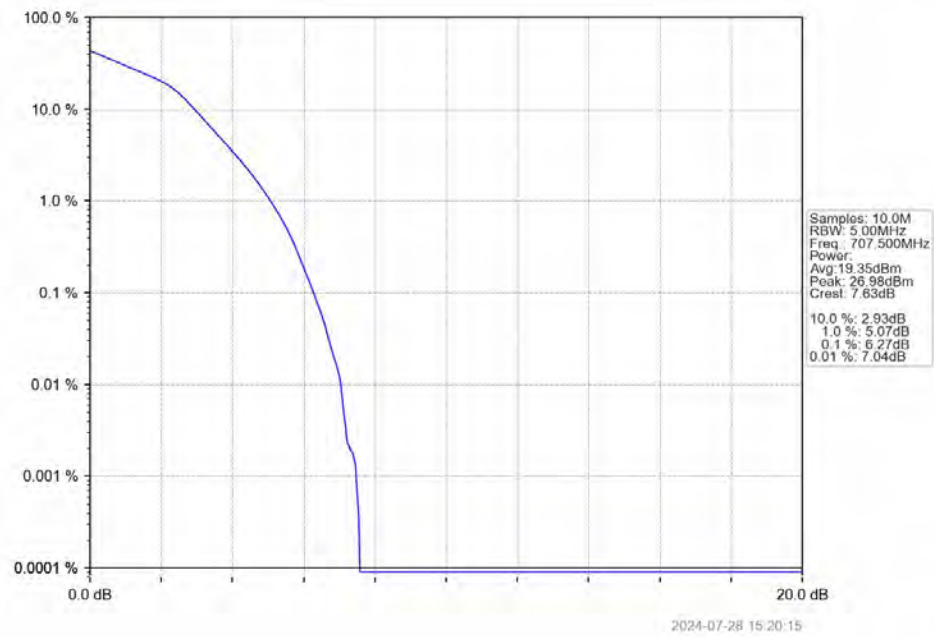
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



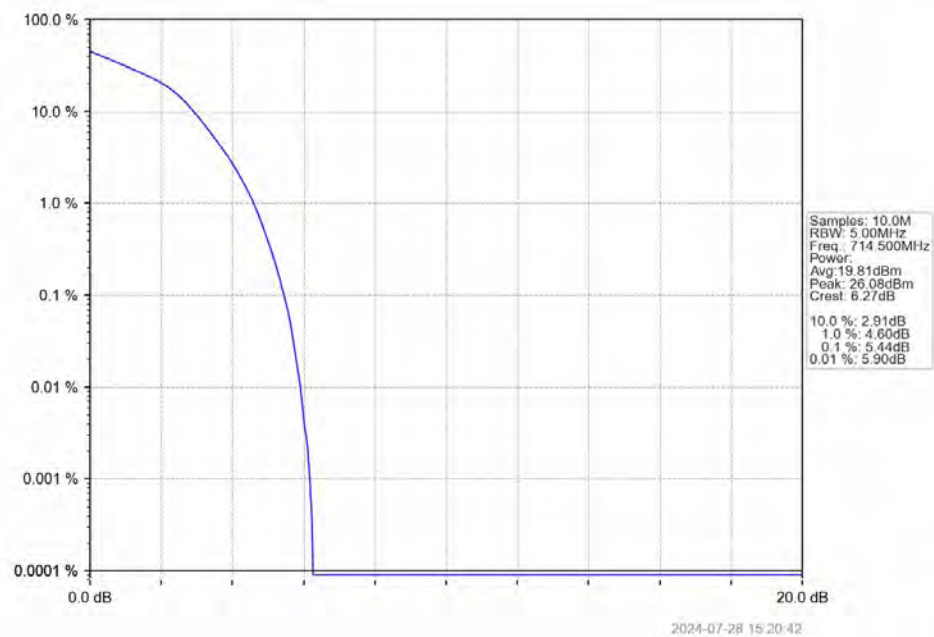
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



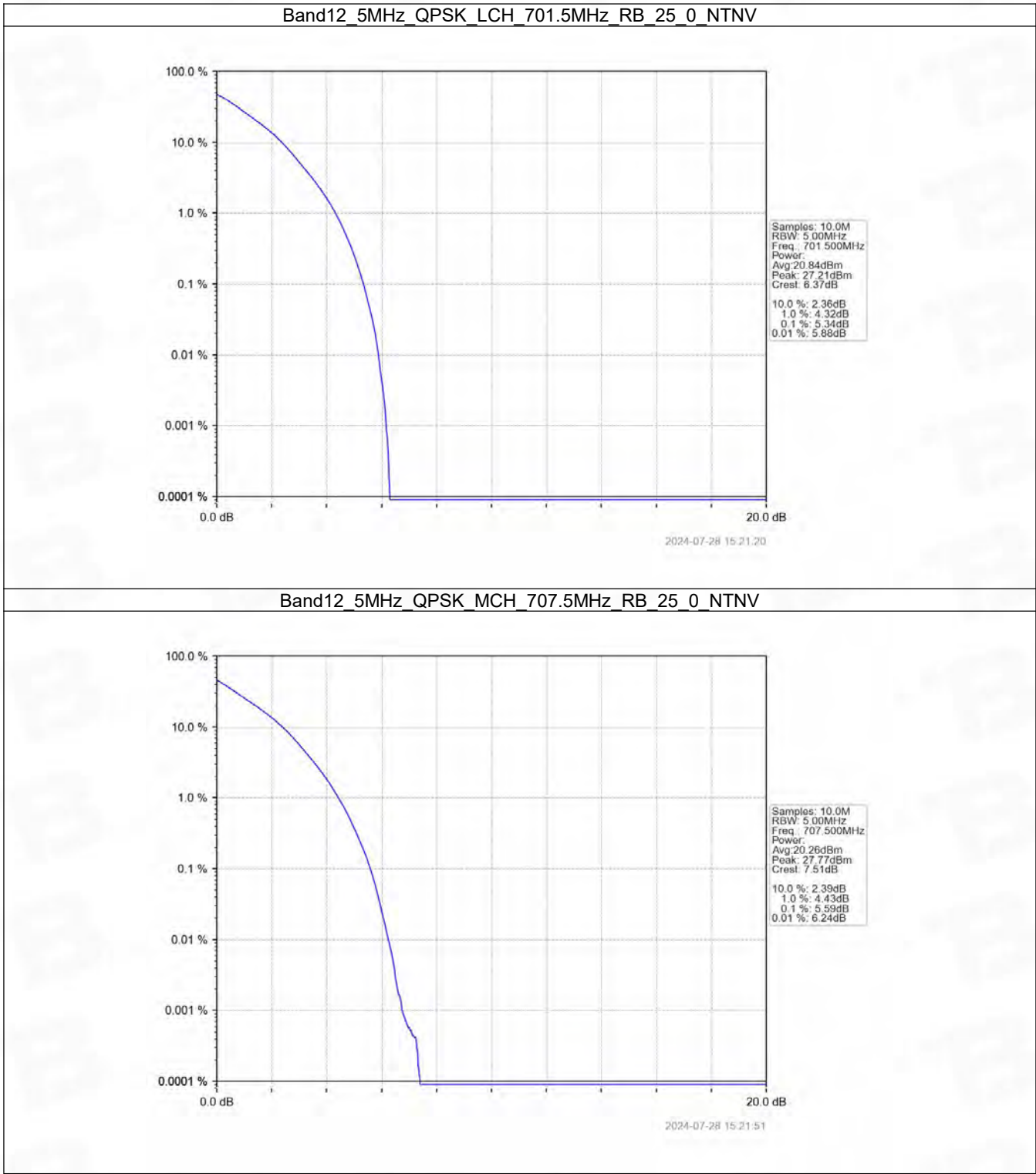
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



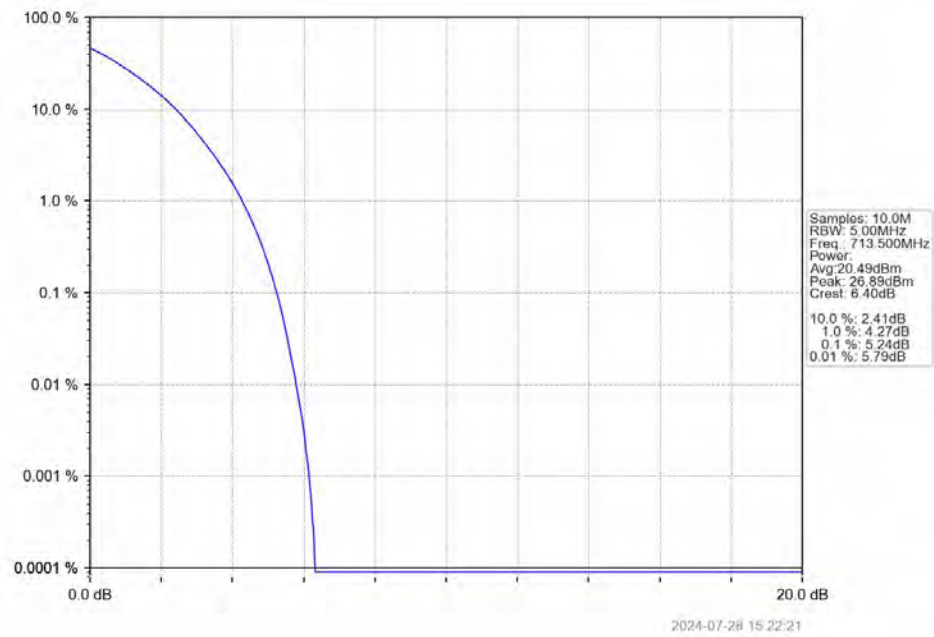
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



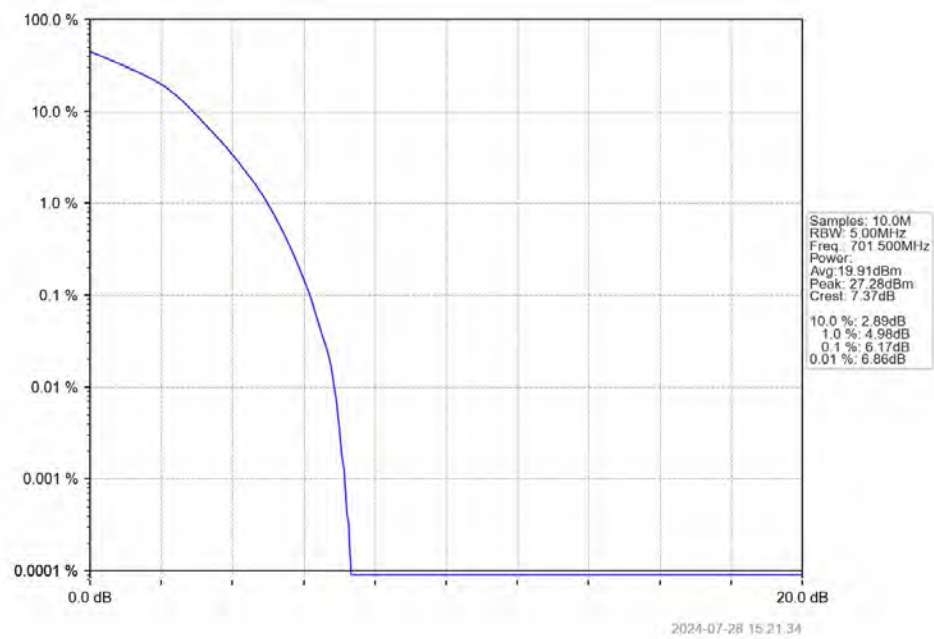
5.2.3 B12_5MHz



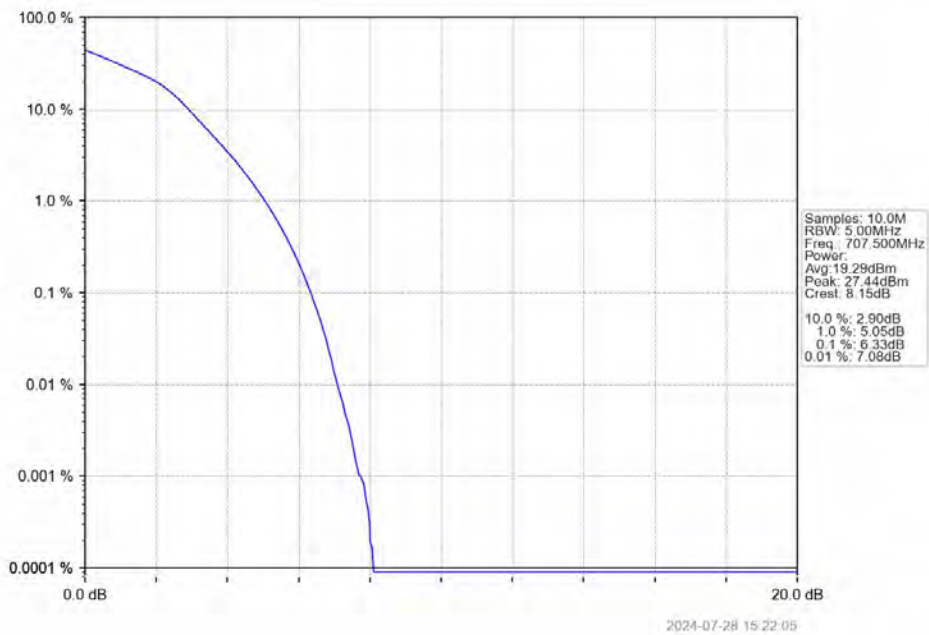
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



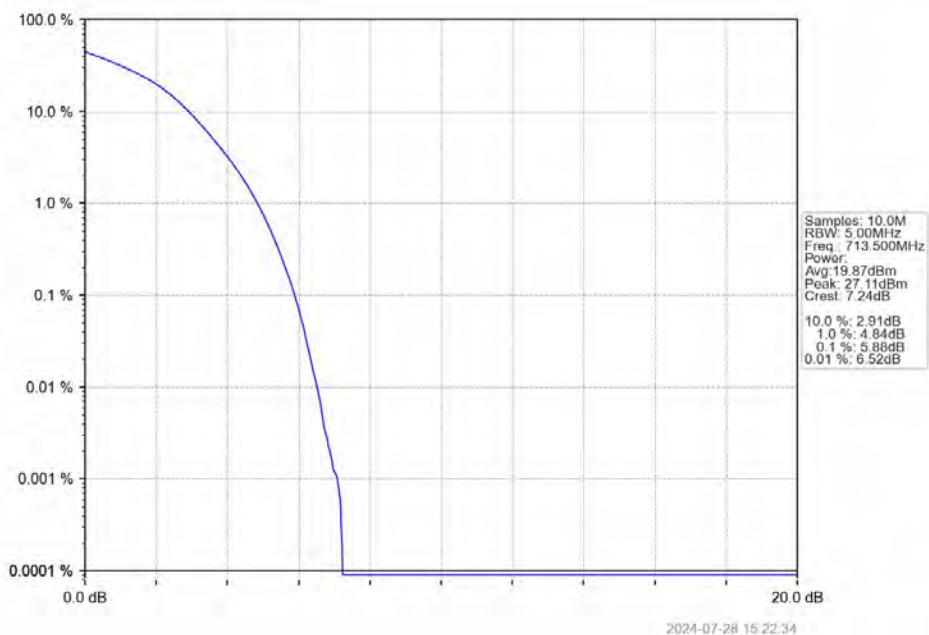
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



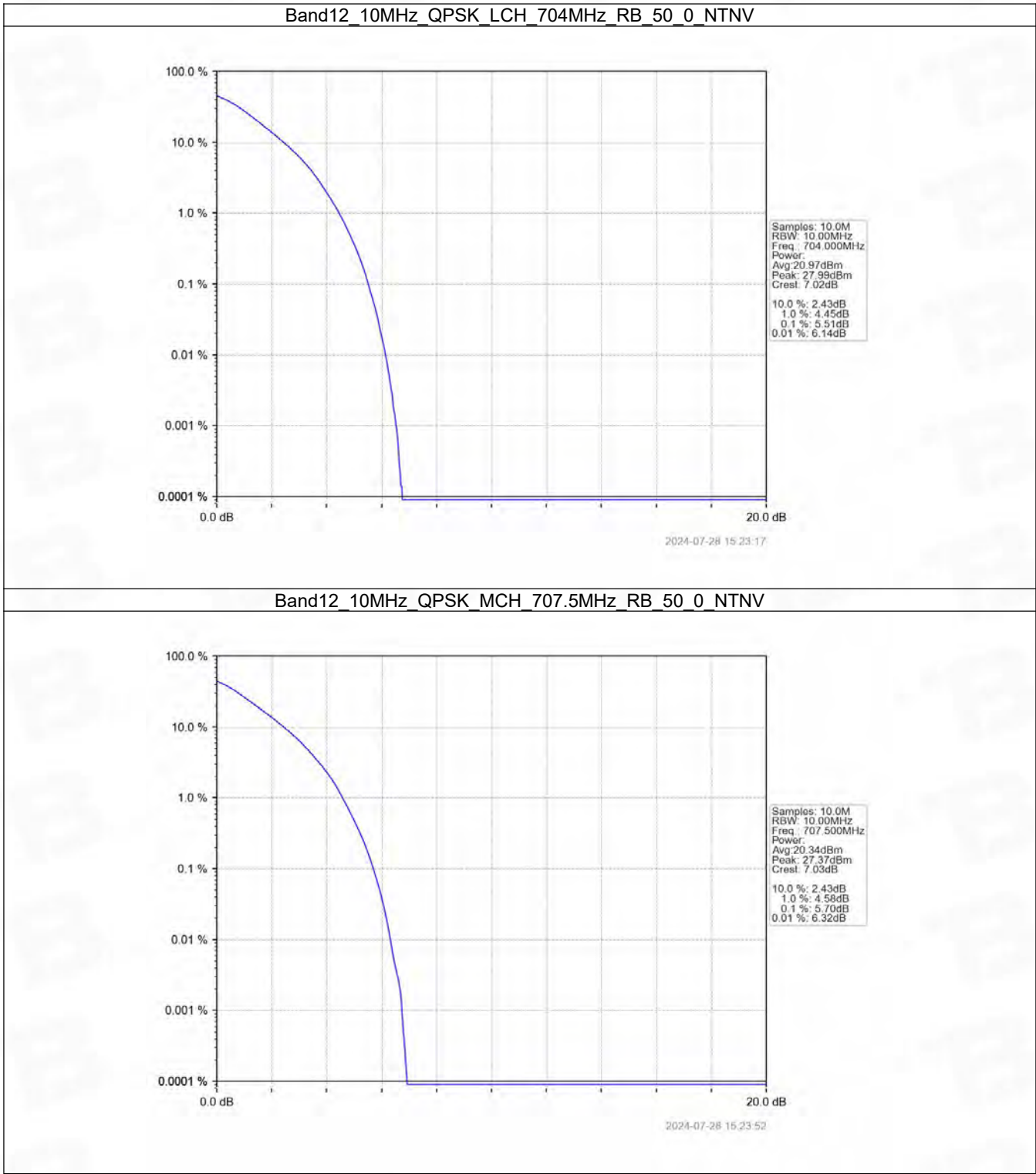
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



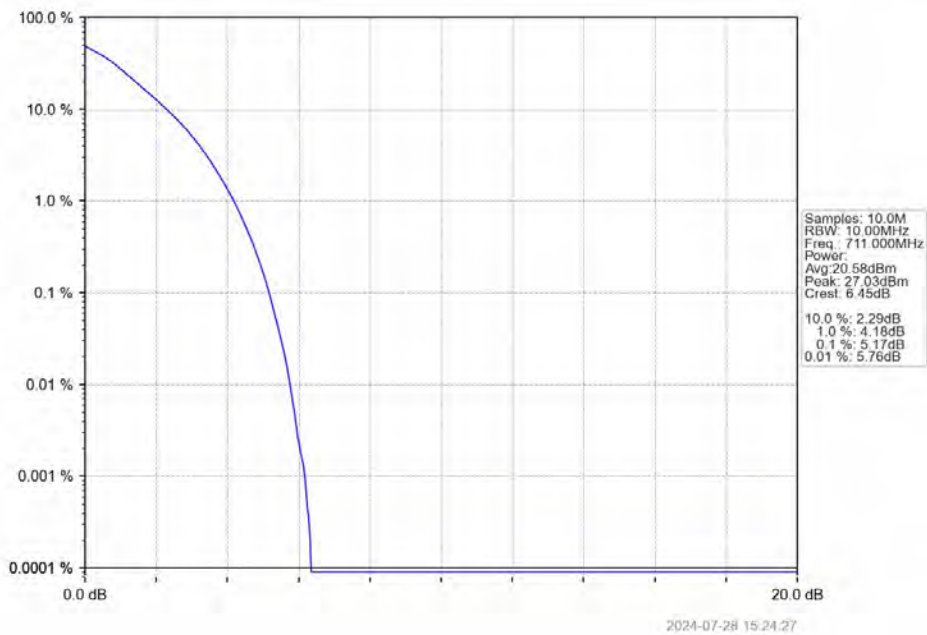
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



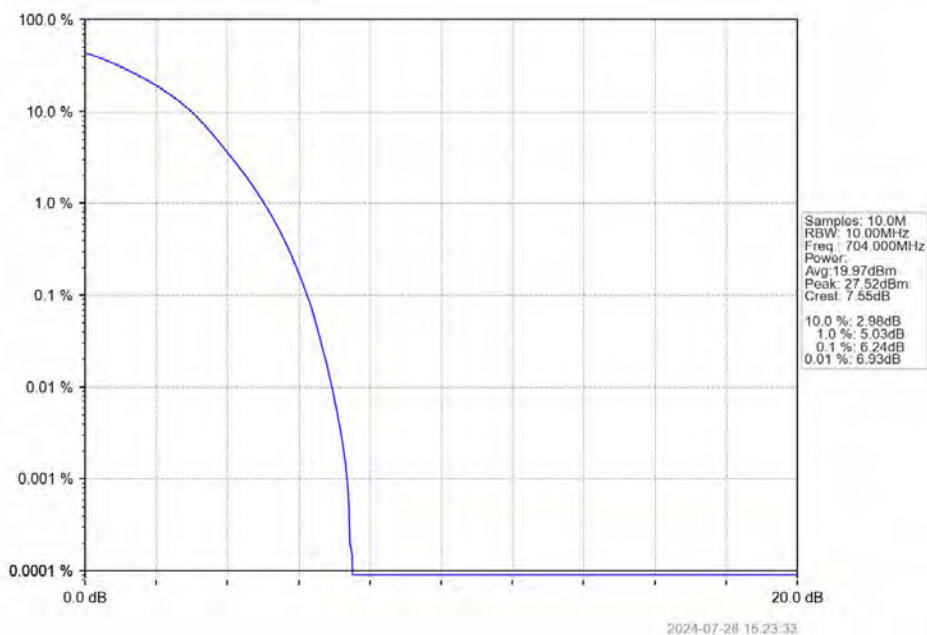
5.2.4 B12_10MHz

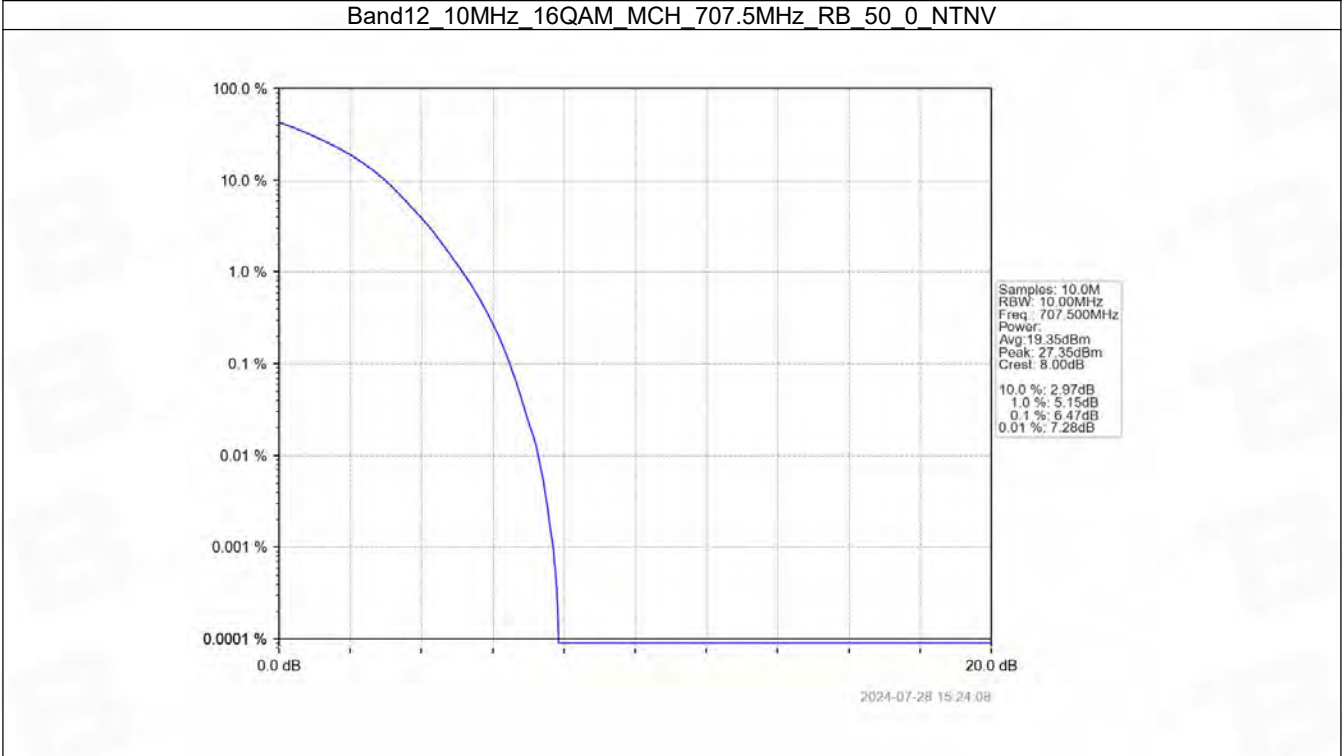


Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_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	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
	707.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
	715.3	1	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		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	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
	707.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
	714.5	1	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		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	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	701.5	1	0	Refer To Test Graph		Pass

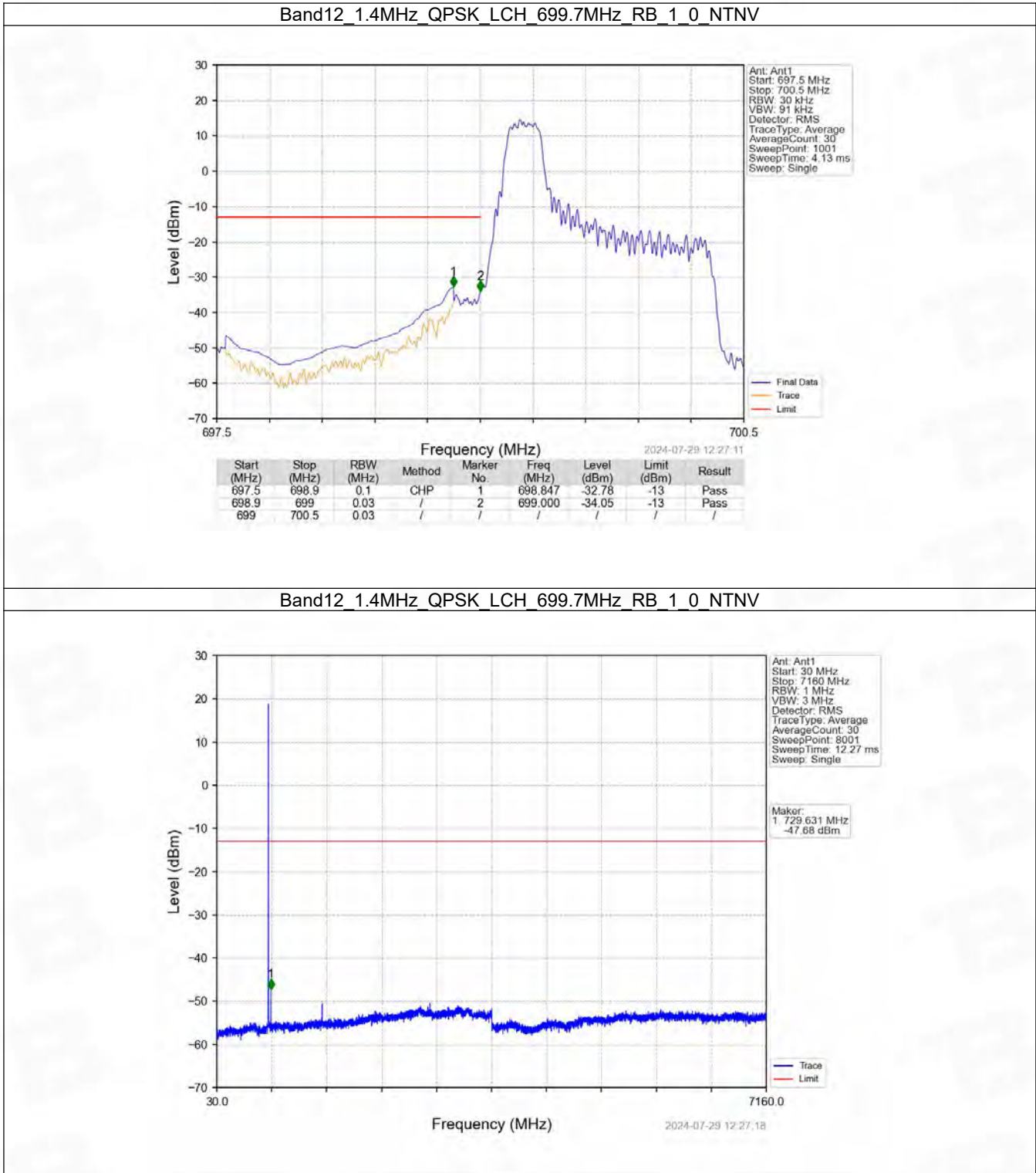
		25	0	Refer To Test Graph	Pass
	707.5	1	0	Refer To Test Graph	Pass
	713.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

6.1.4 B12_10MHz

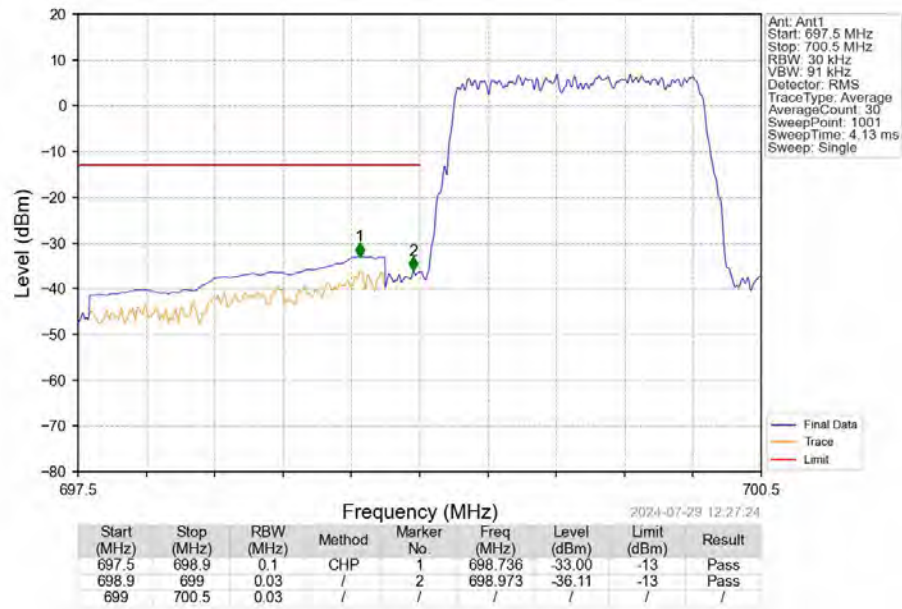
Band: 12 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	704	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
	711	1	0	Refer To Test Graph		Pass
			49	Refer To Test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

6.2 Test Graph

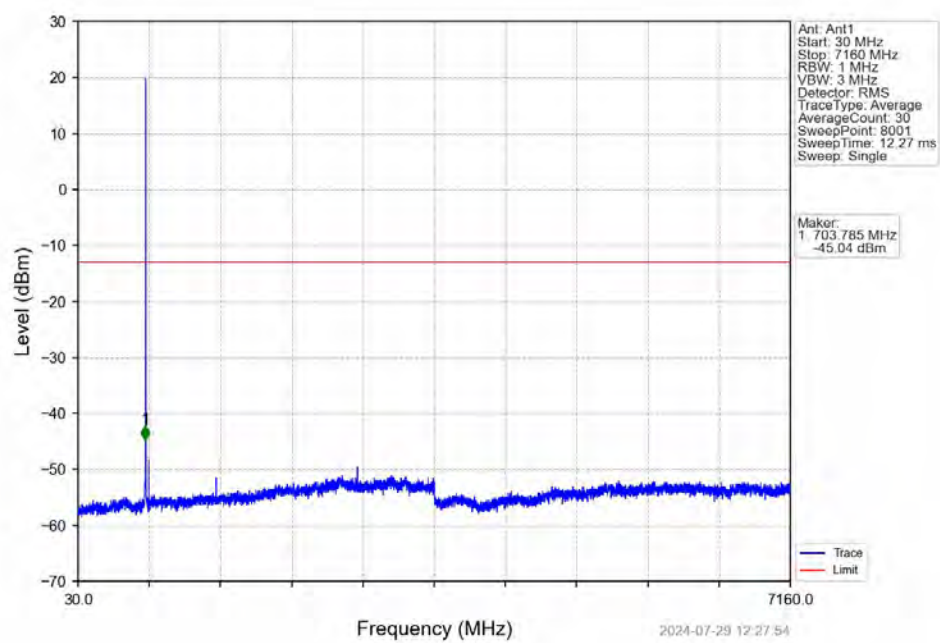
6.2.1 B12_1.4MHz



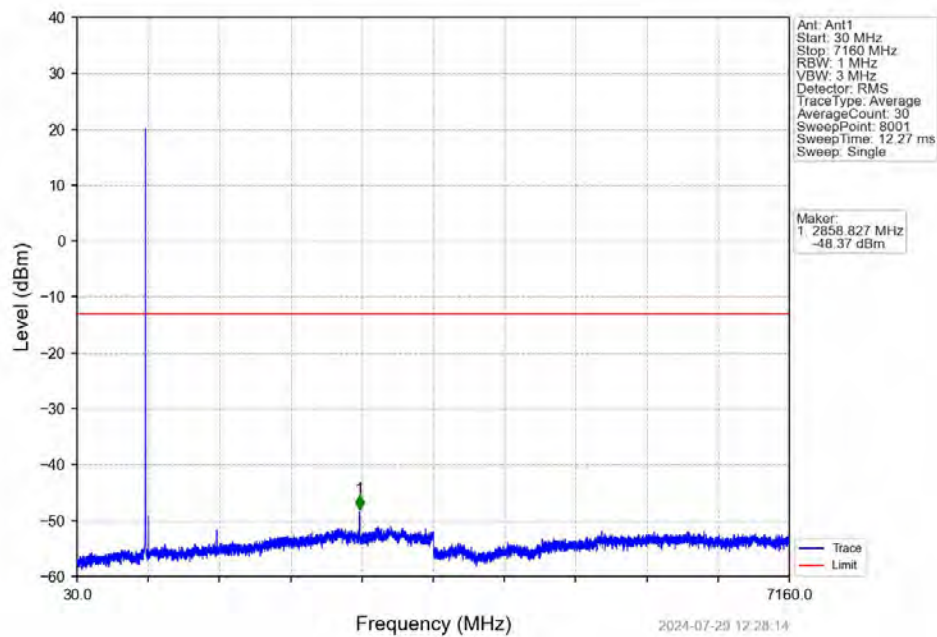
Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV



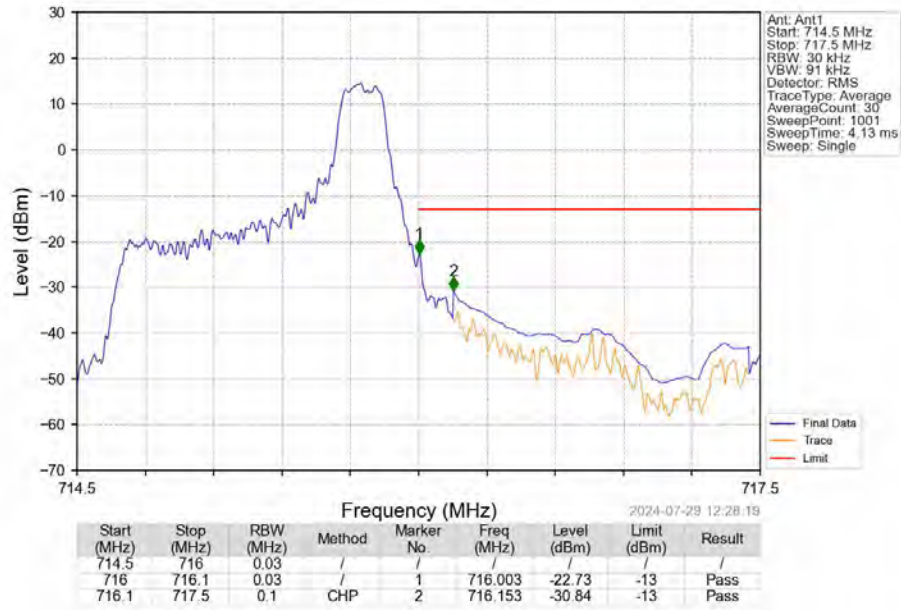
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



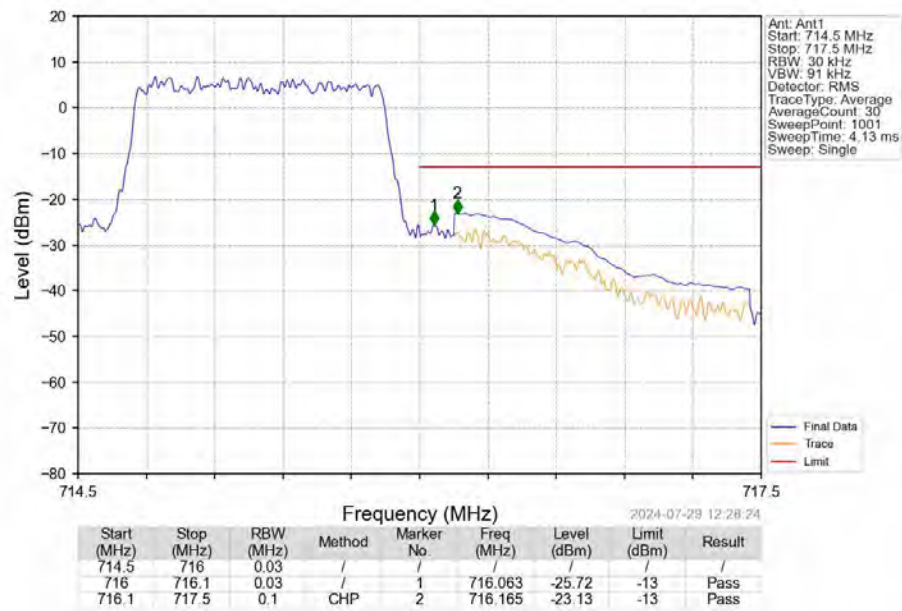
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_0_NTNV



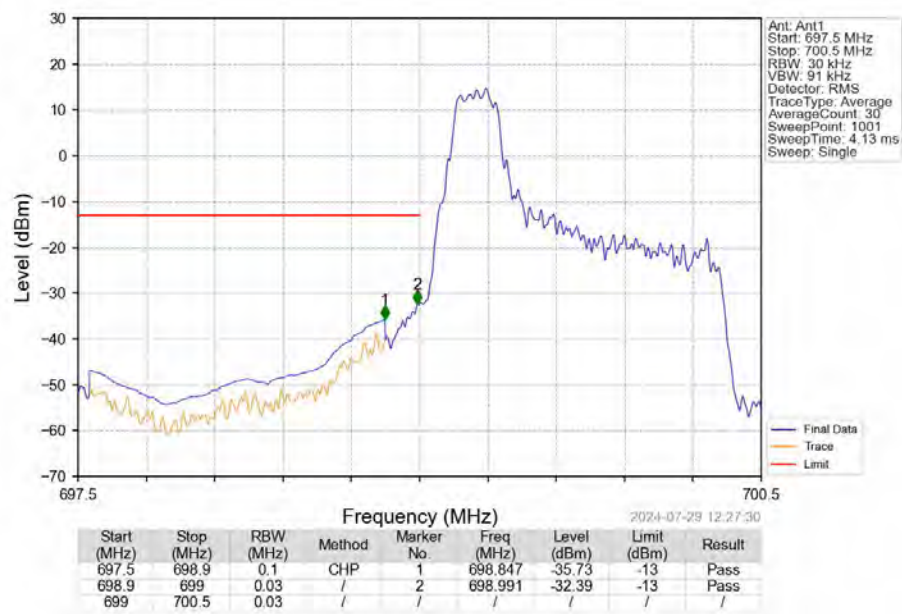
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_5_NTNV



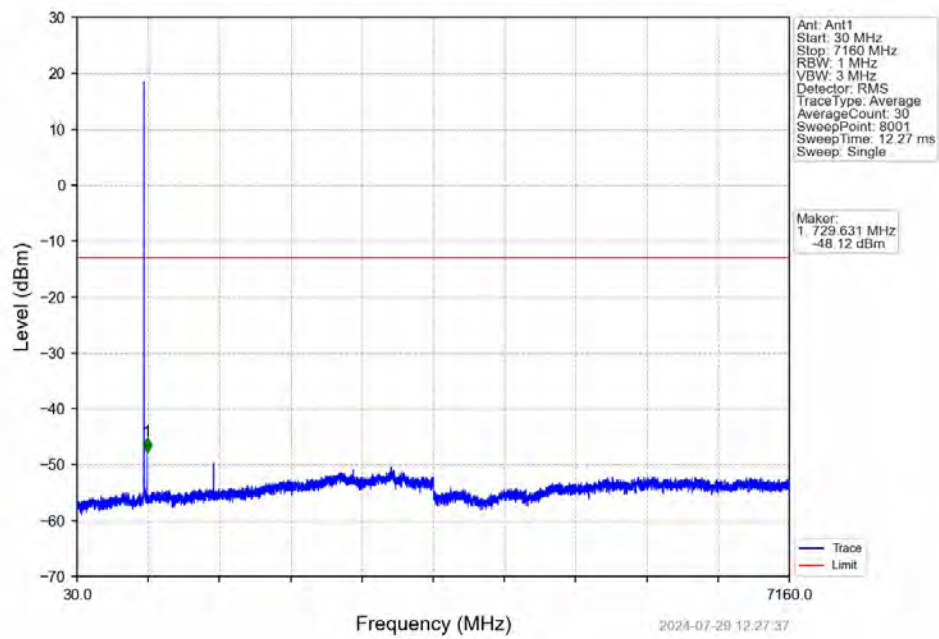
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



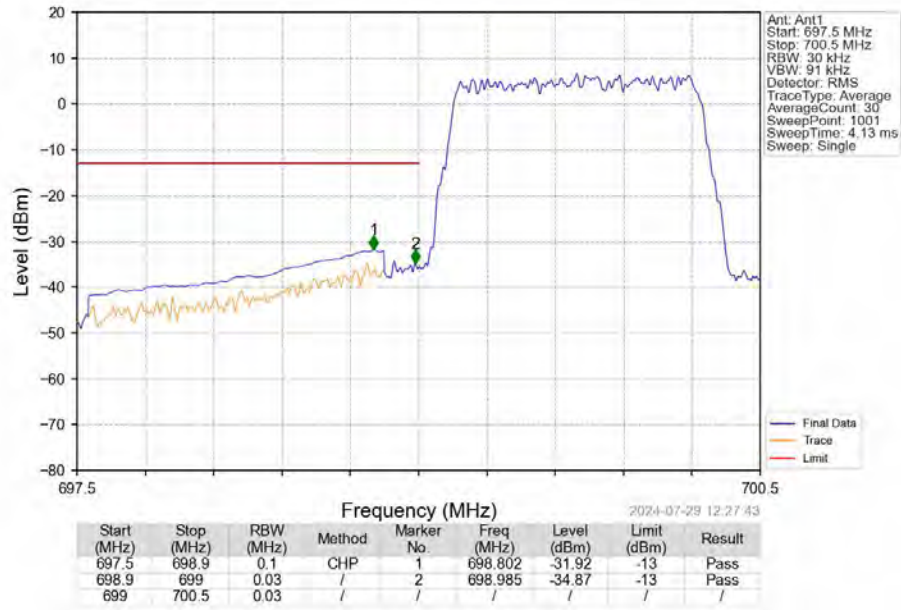
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_1_0_NTNV

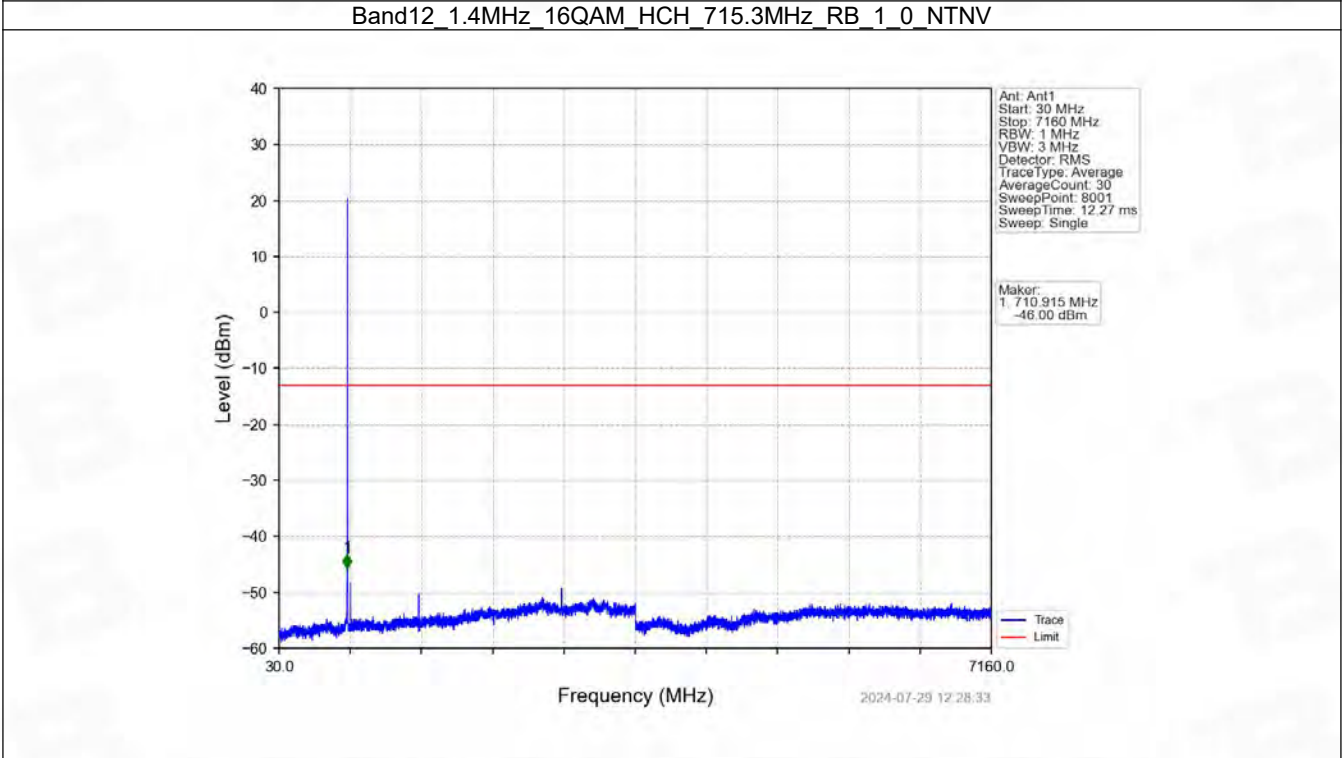
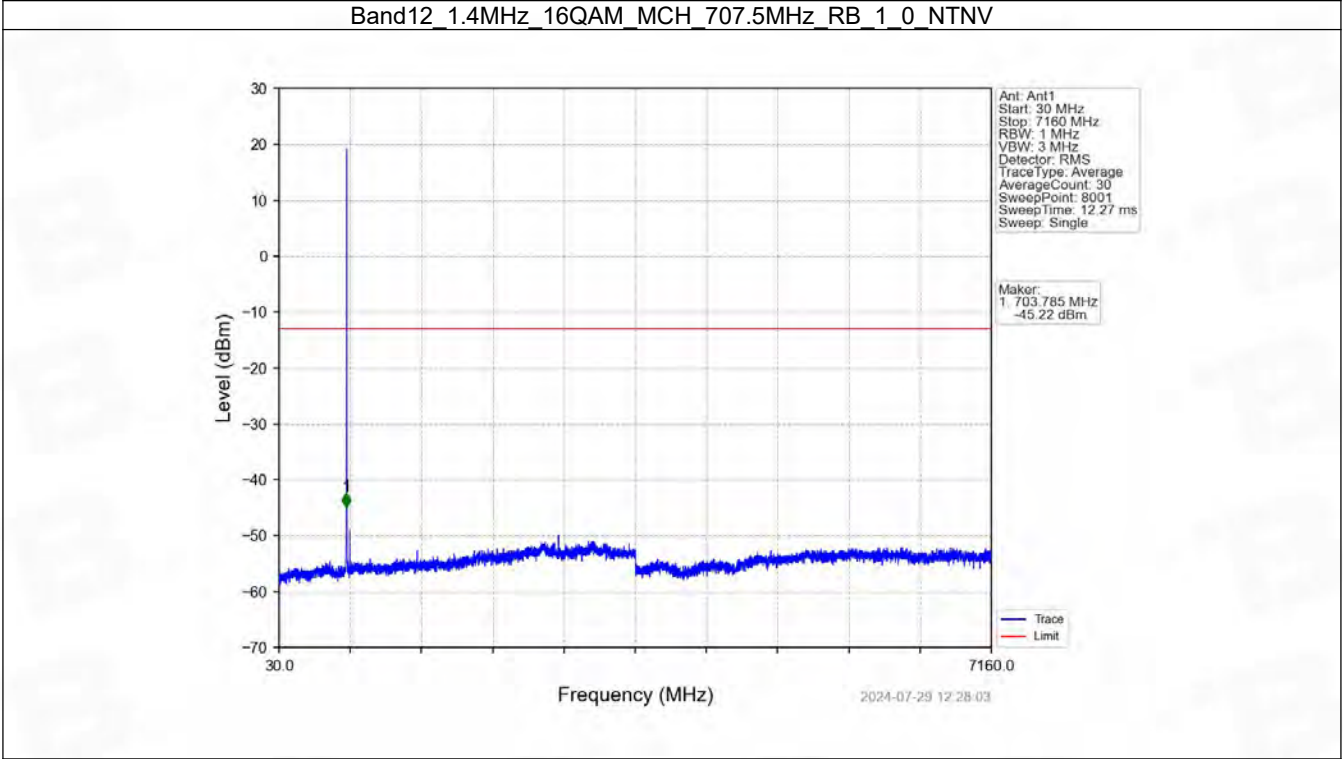


Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_1_0_NTNV

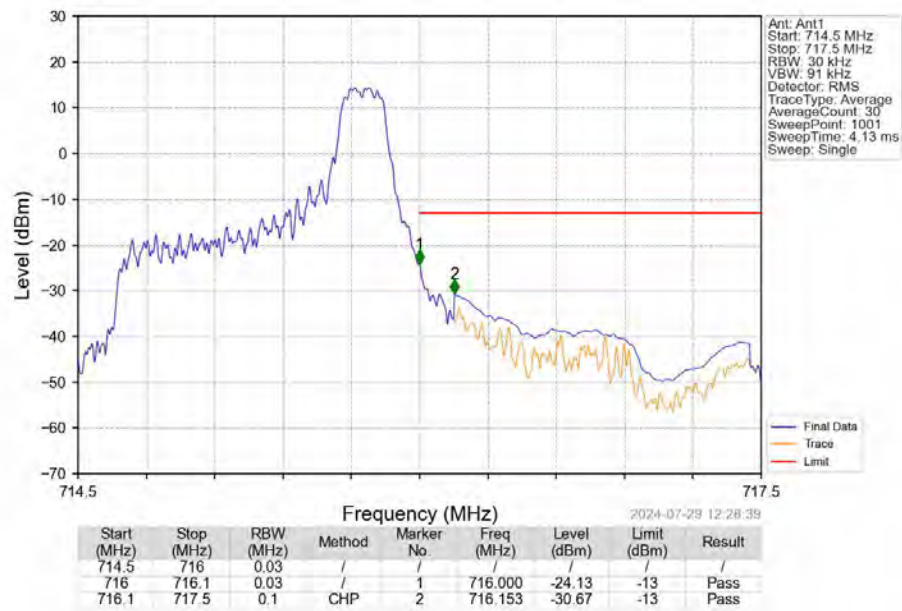


Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV

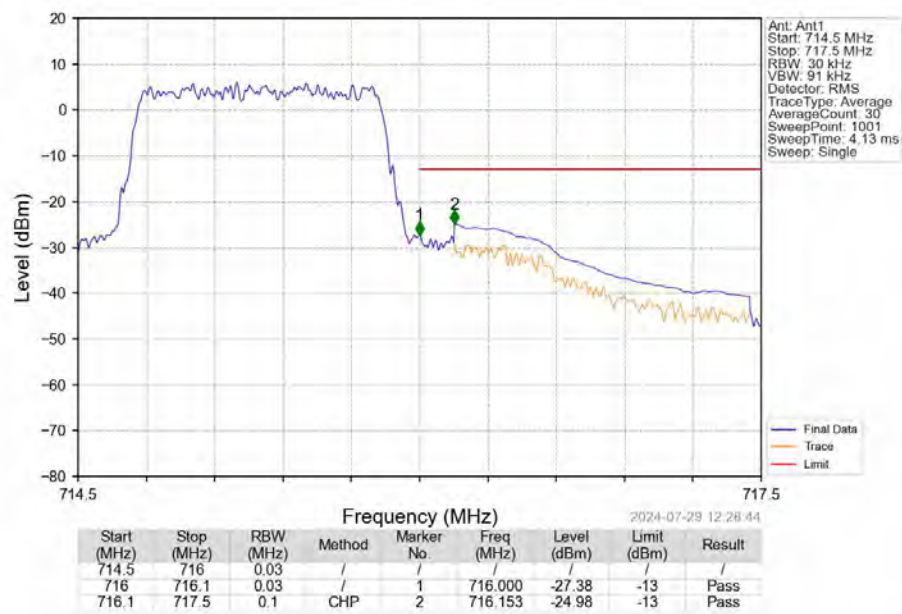




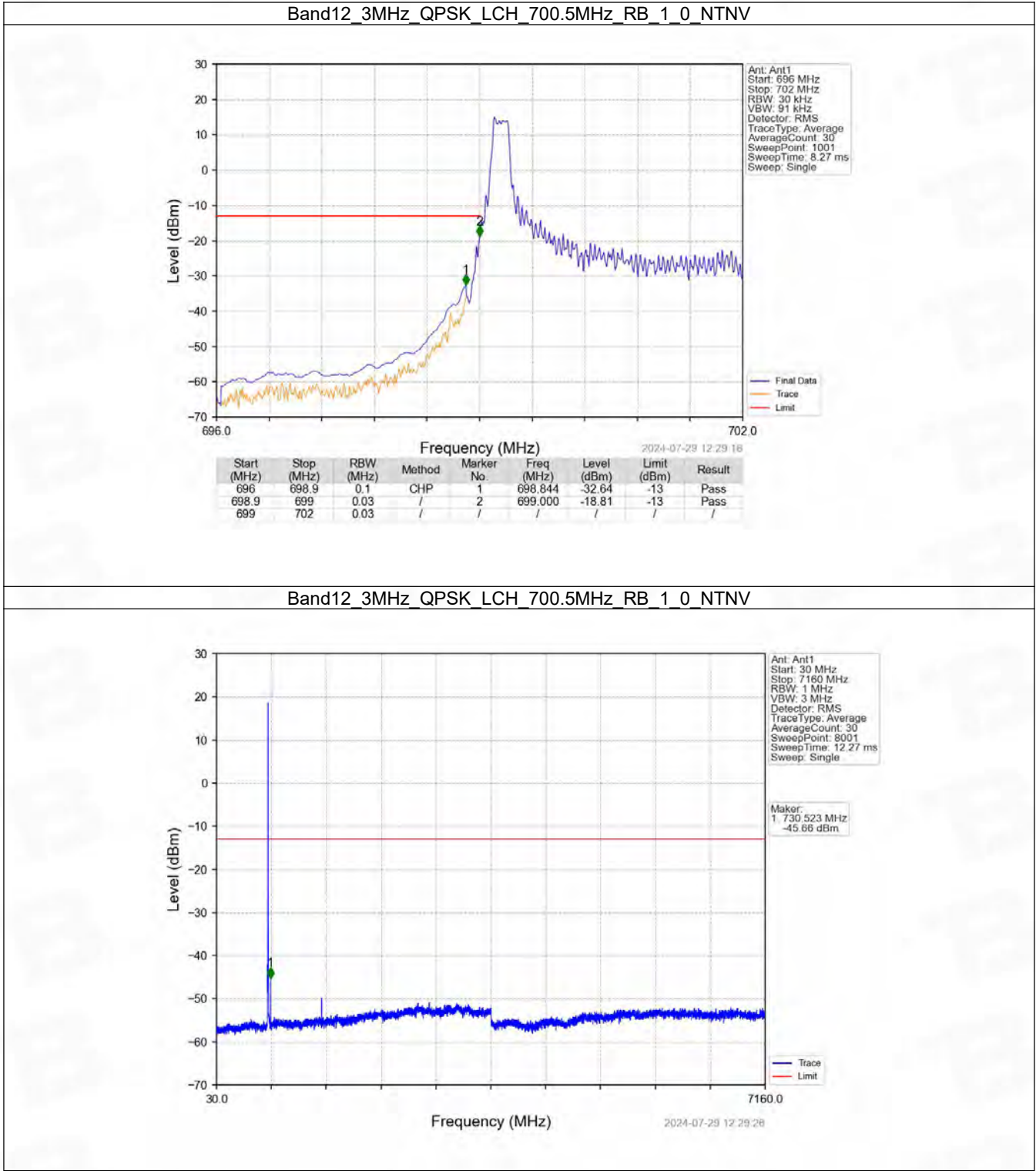
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_1_5_NTNV



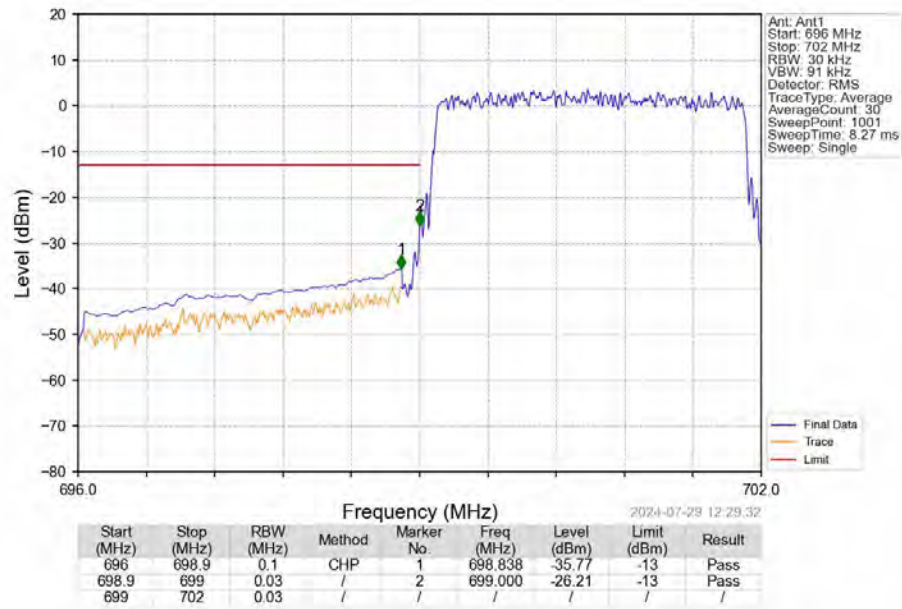
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



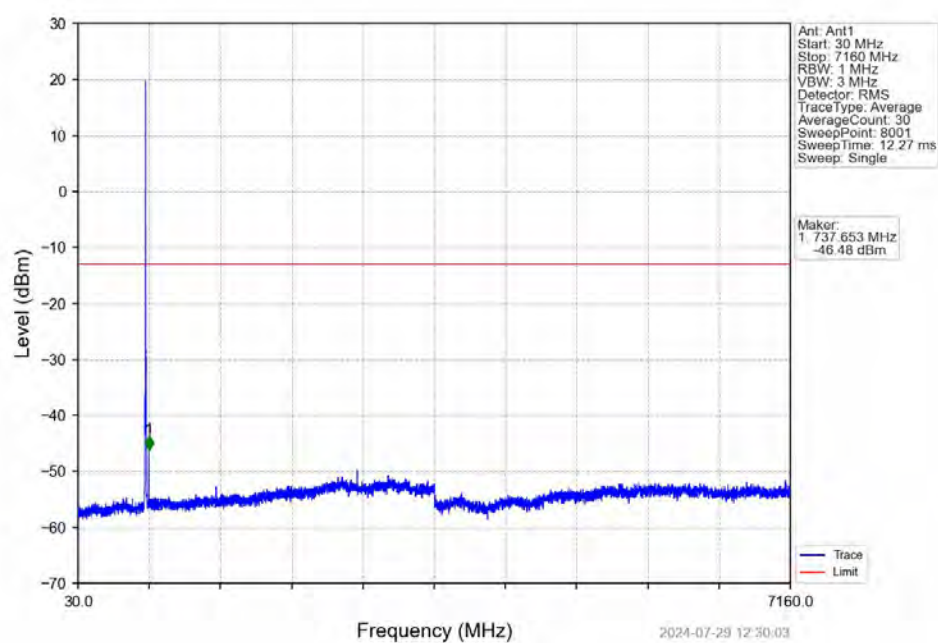
6.2.2 B12_3MHz



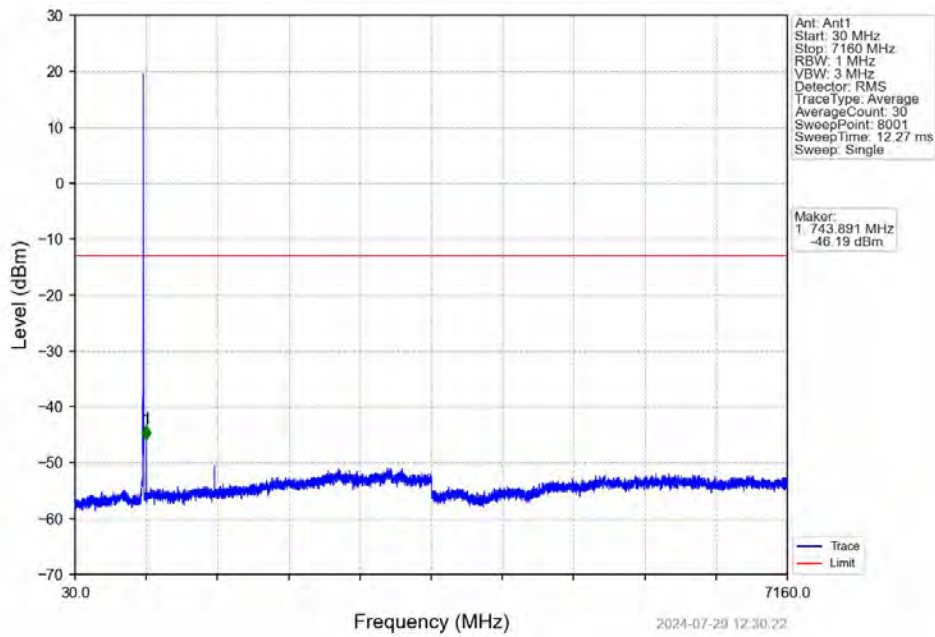
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



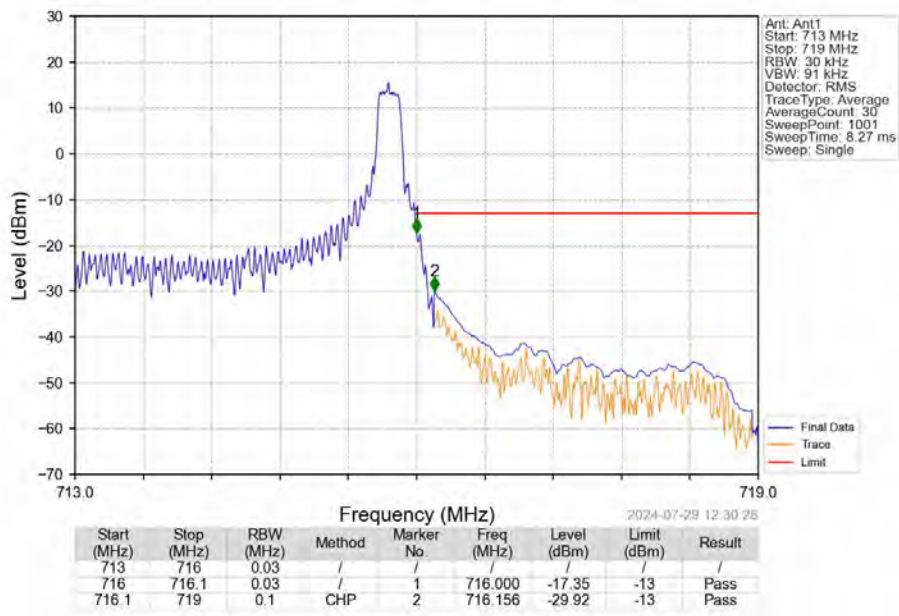
Band12_3MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



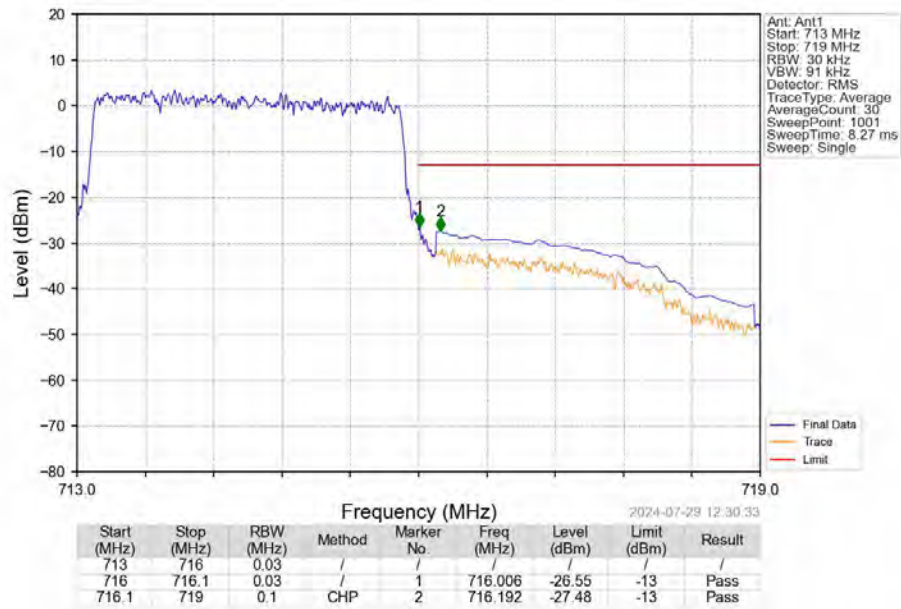
Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_0_NTNV



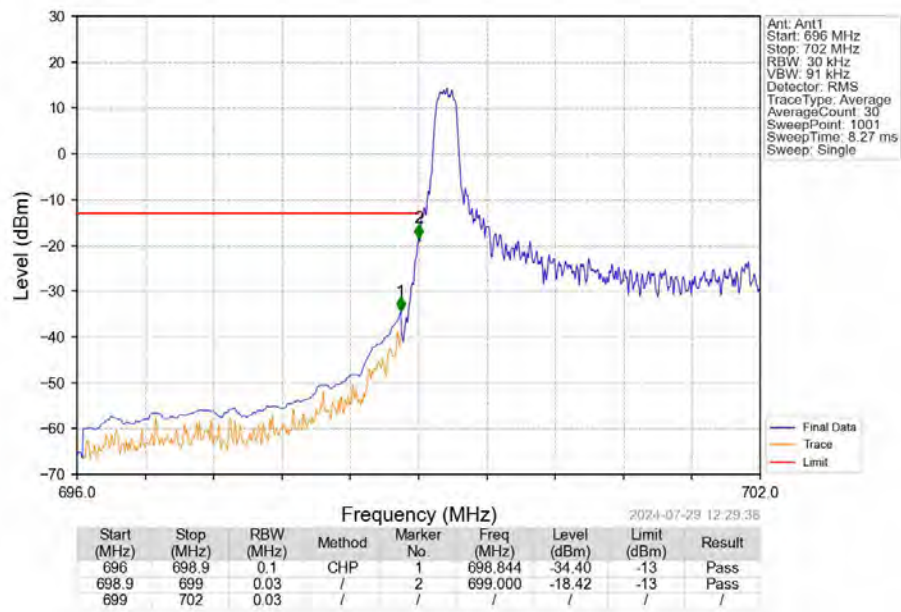
Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_14_NTNV



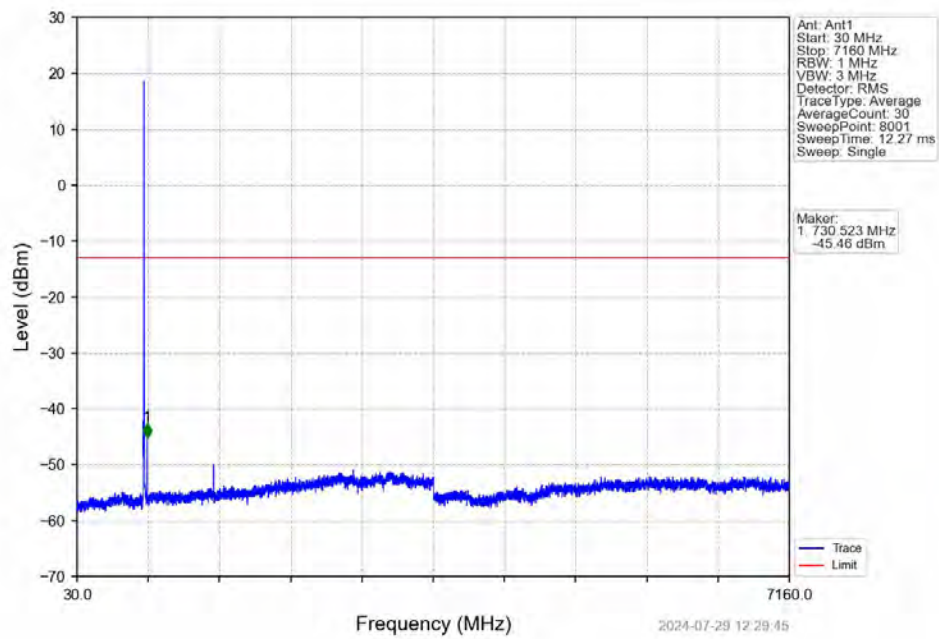
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



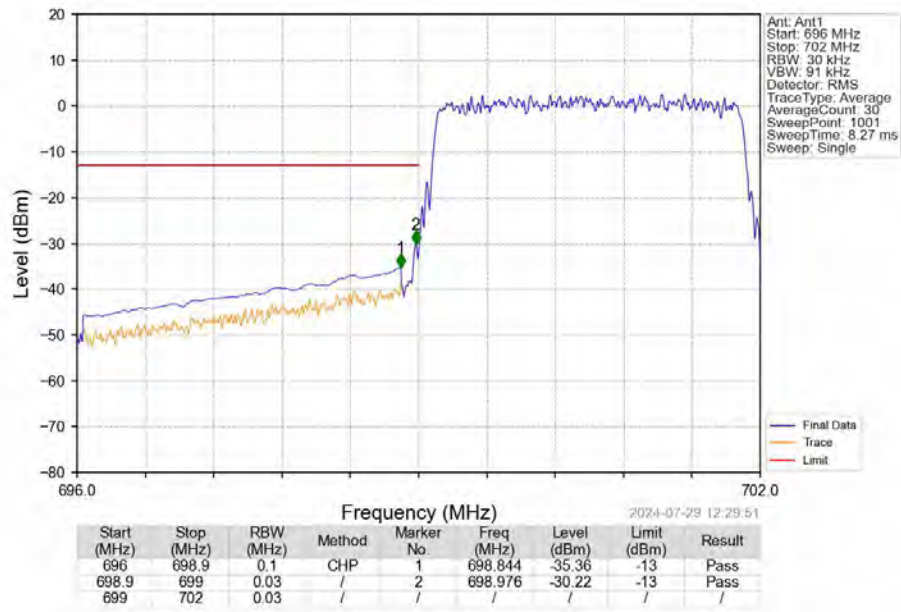
Band12_3MHz_16QAM_LCH_700.5MHz_RB_1_0_NTNV



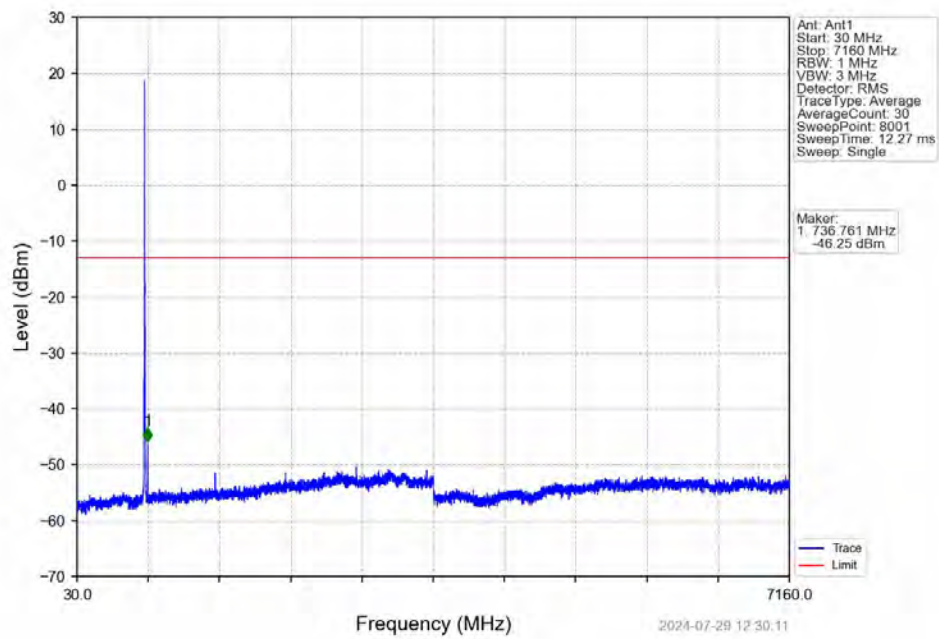
Band12_3MHz_16QAM_LCH_700.5MHz_RB_1_0_NTNV



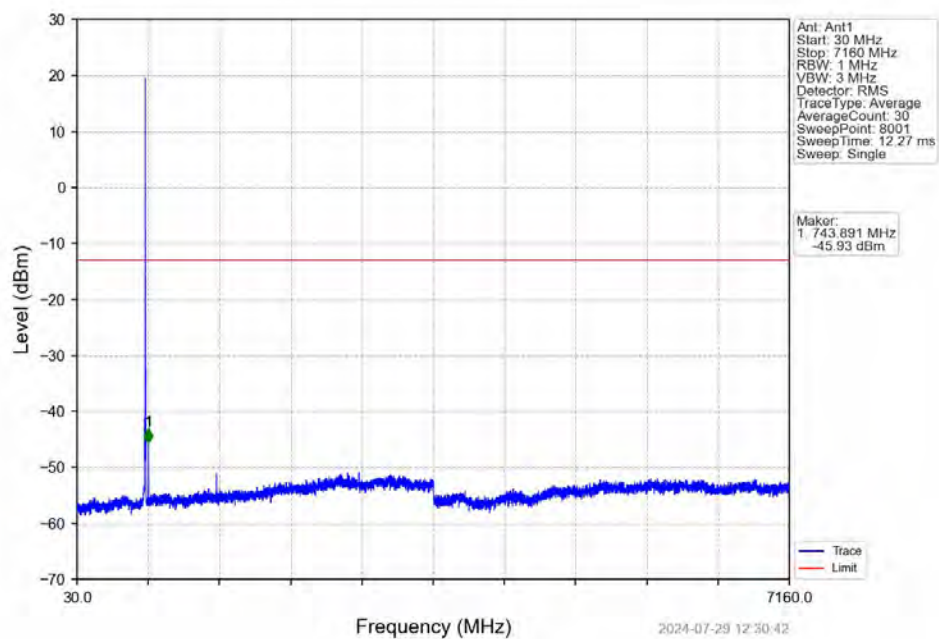
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



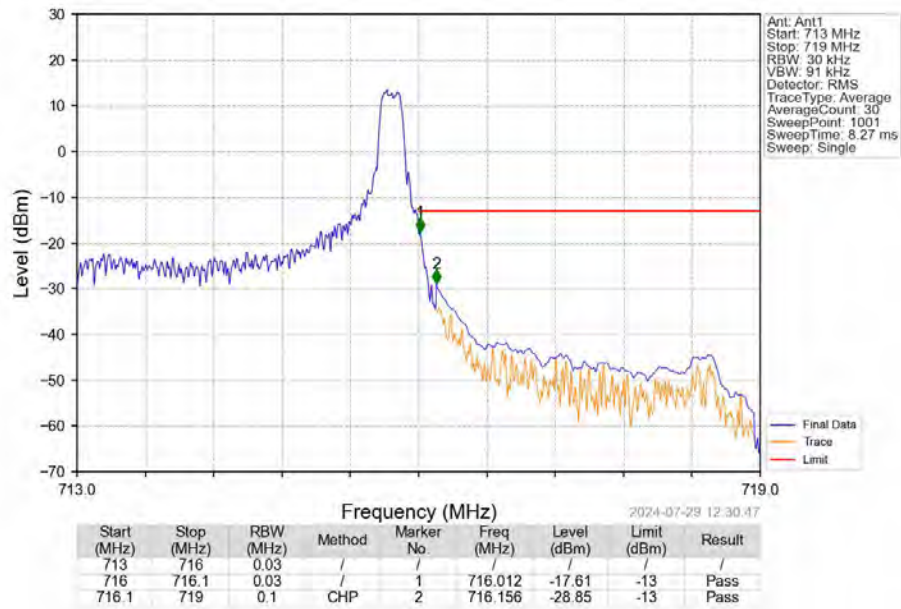
Band12_3MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



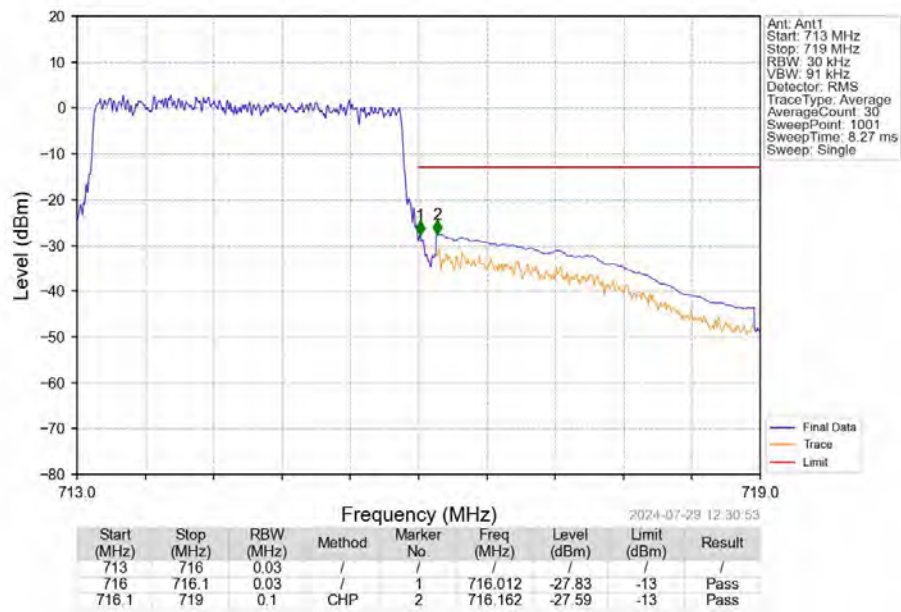
Band12_3MHz_16QAM_HCH_714.5MHz_RB_1_0_NTNV



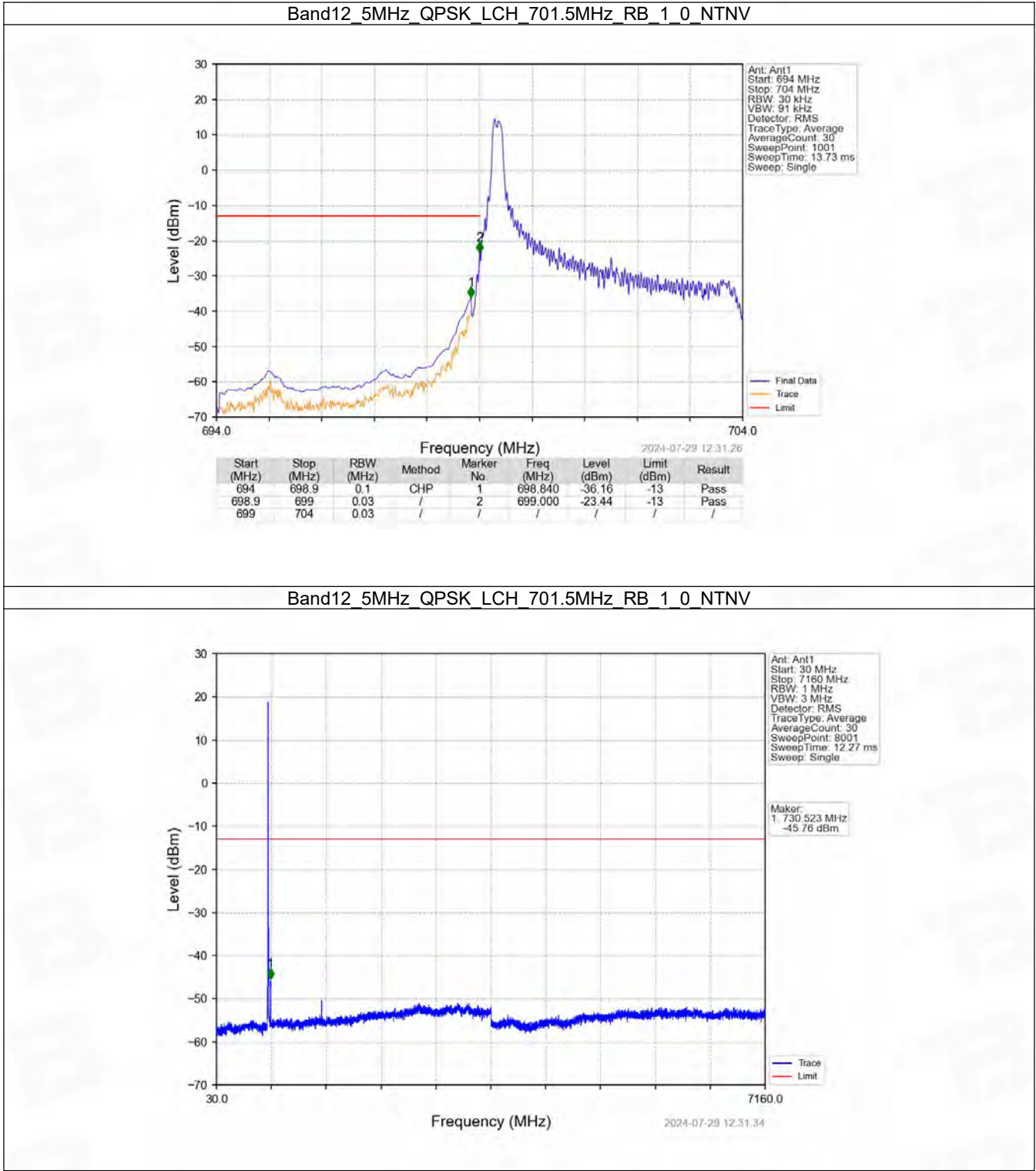
Band12_3MHz_16QAM_HCH_714.5MHz_RB_1_14_NTNV



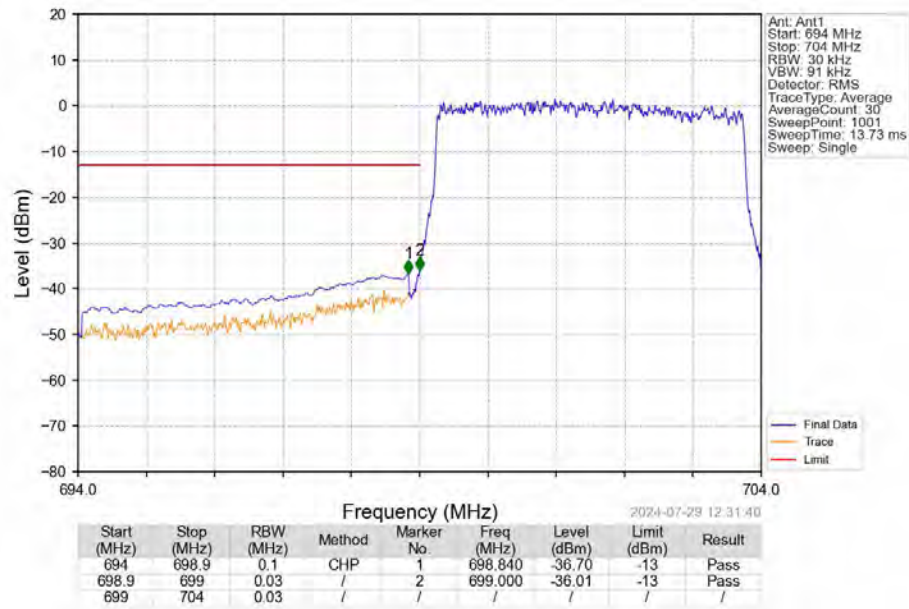
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



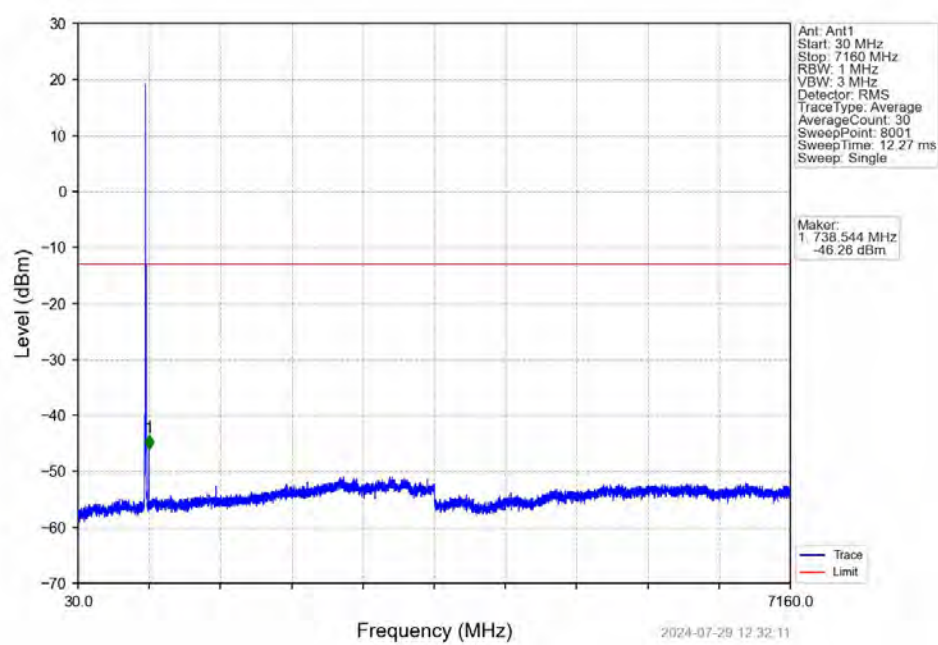
6.2.3 B12_5MHz



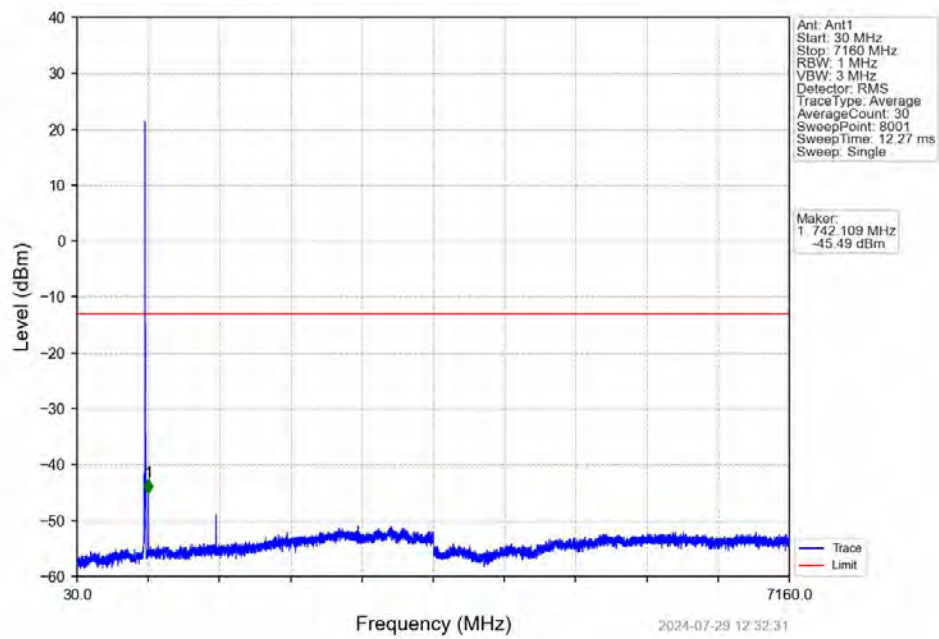
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



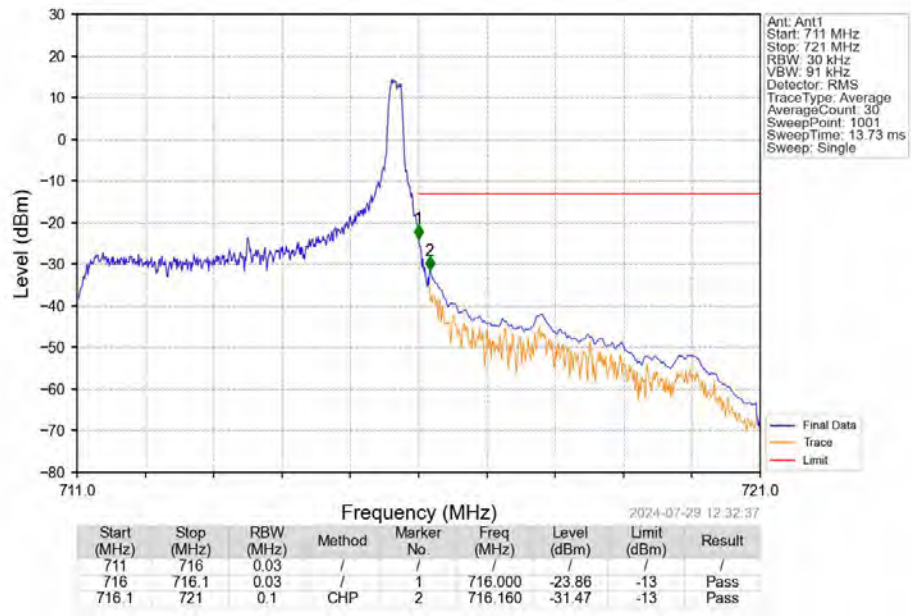
Band12_5MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



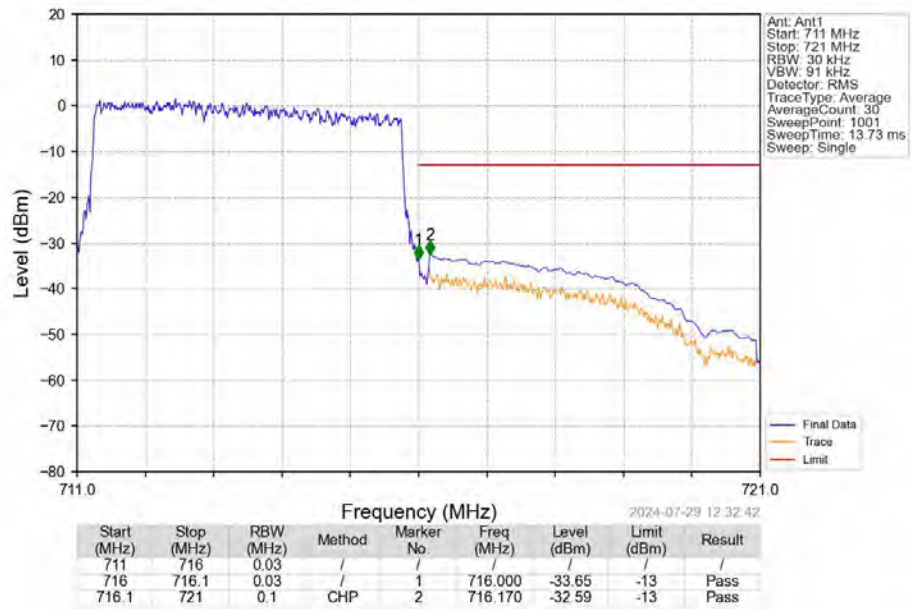
Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV



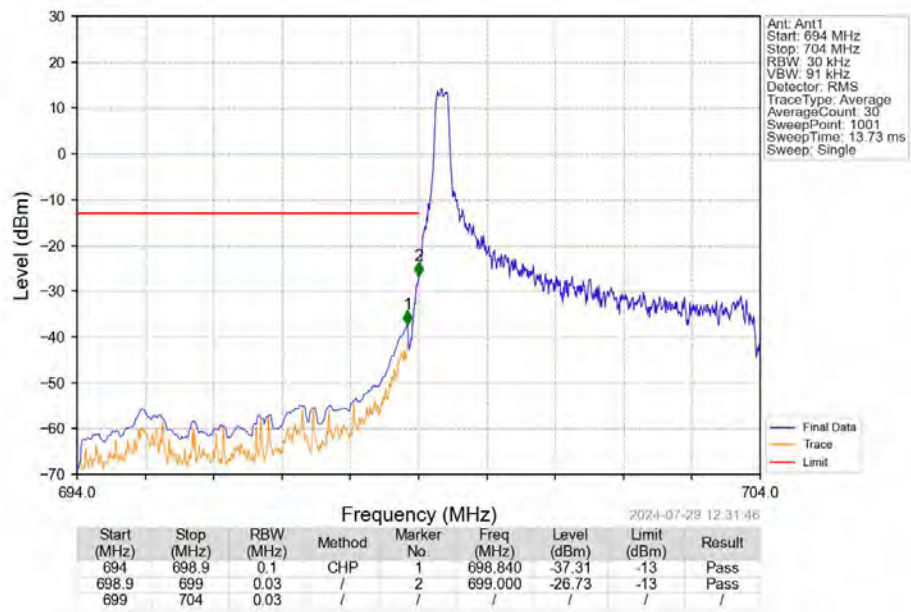
Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV



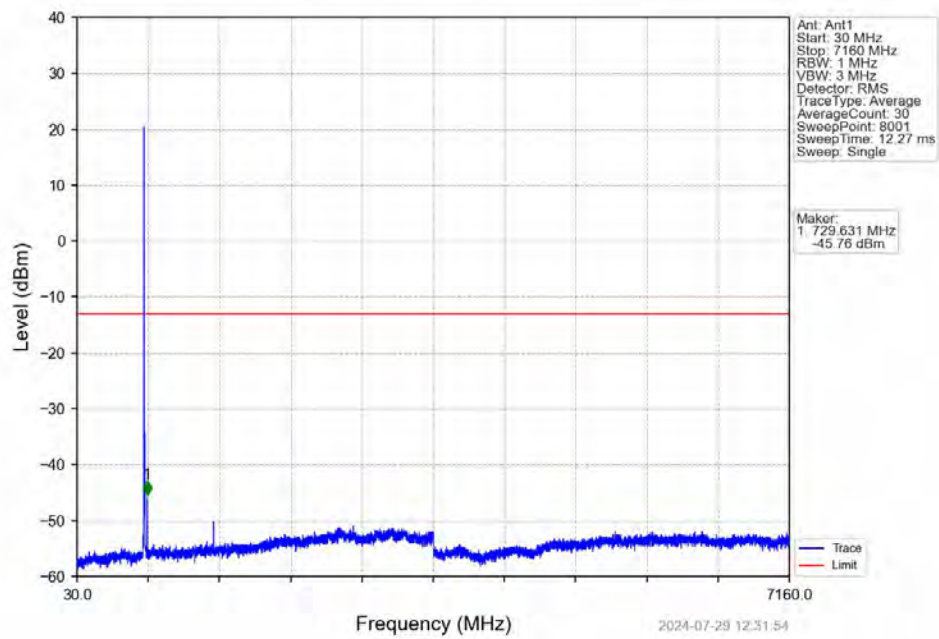
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



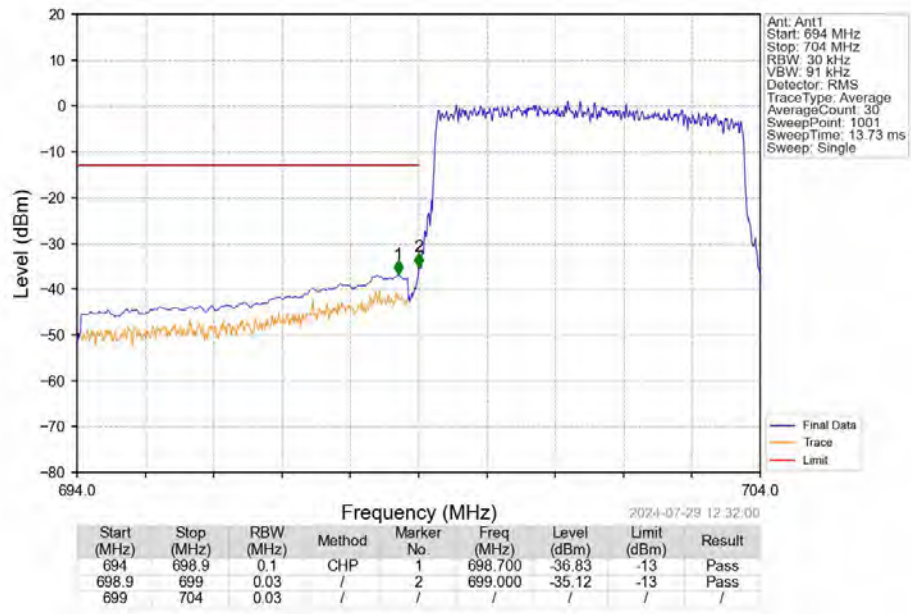
Band12_5MHz_16QAM_LCH_701.5MHz_RB_1_0_NTNV



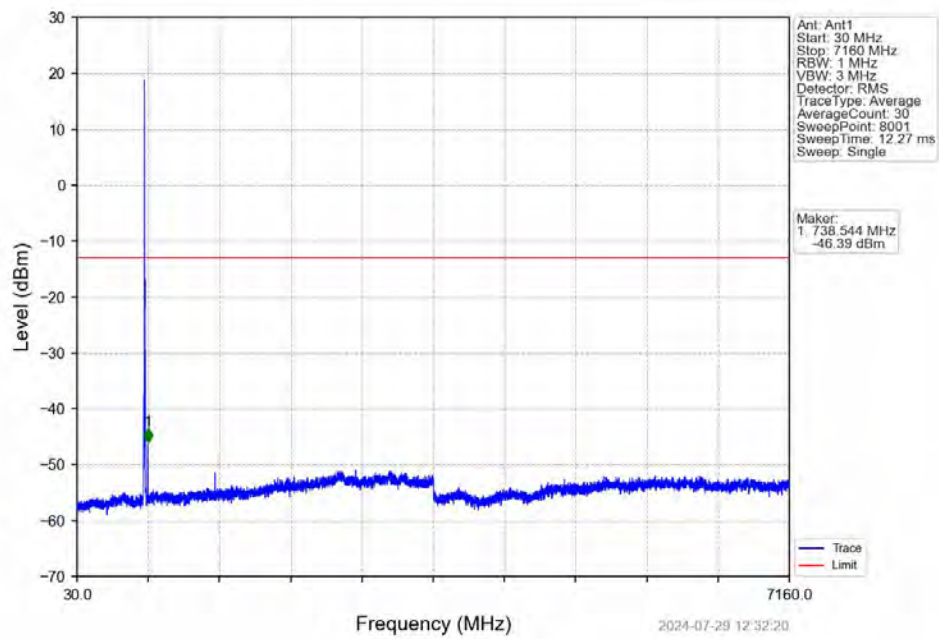
Band12_5MHz_16QAM_LCH_701.5MHz_RB_1_0_NTNV



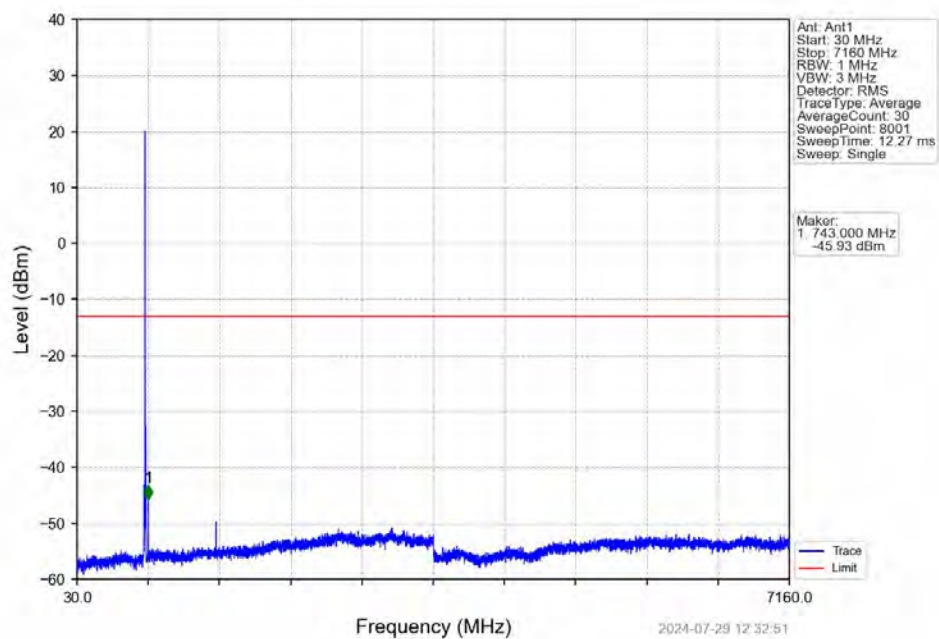
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



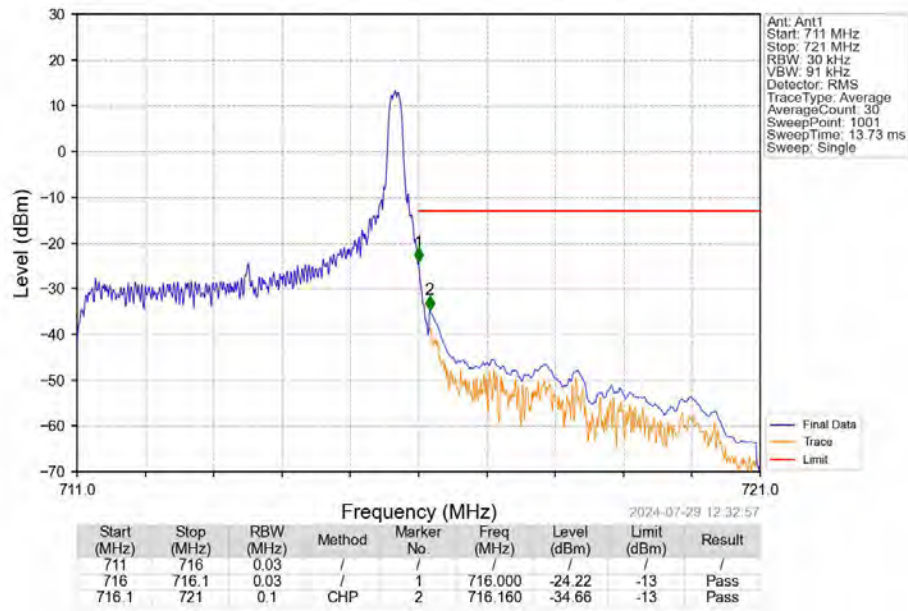
Band12_5MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



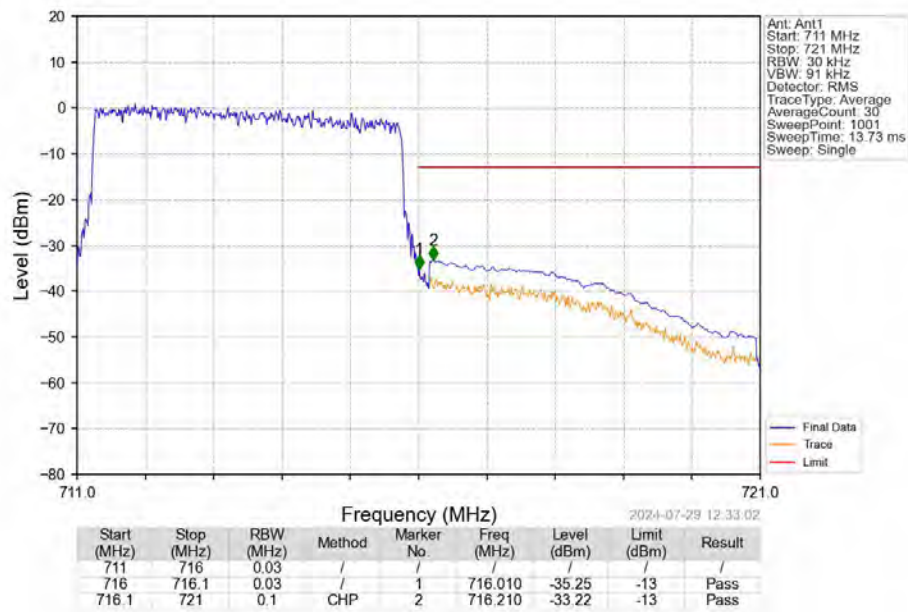
Band12_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



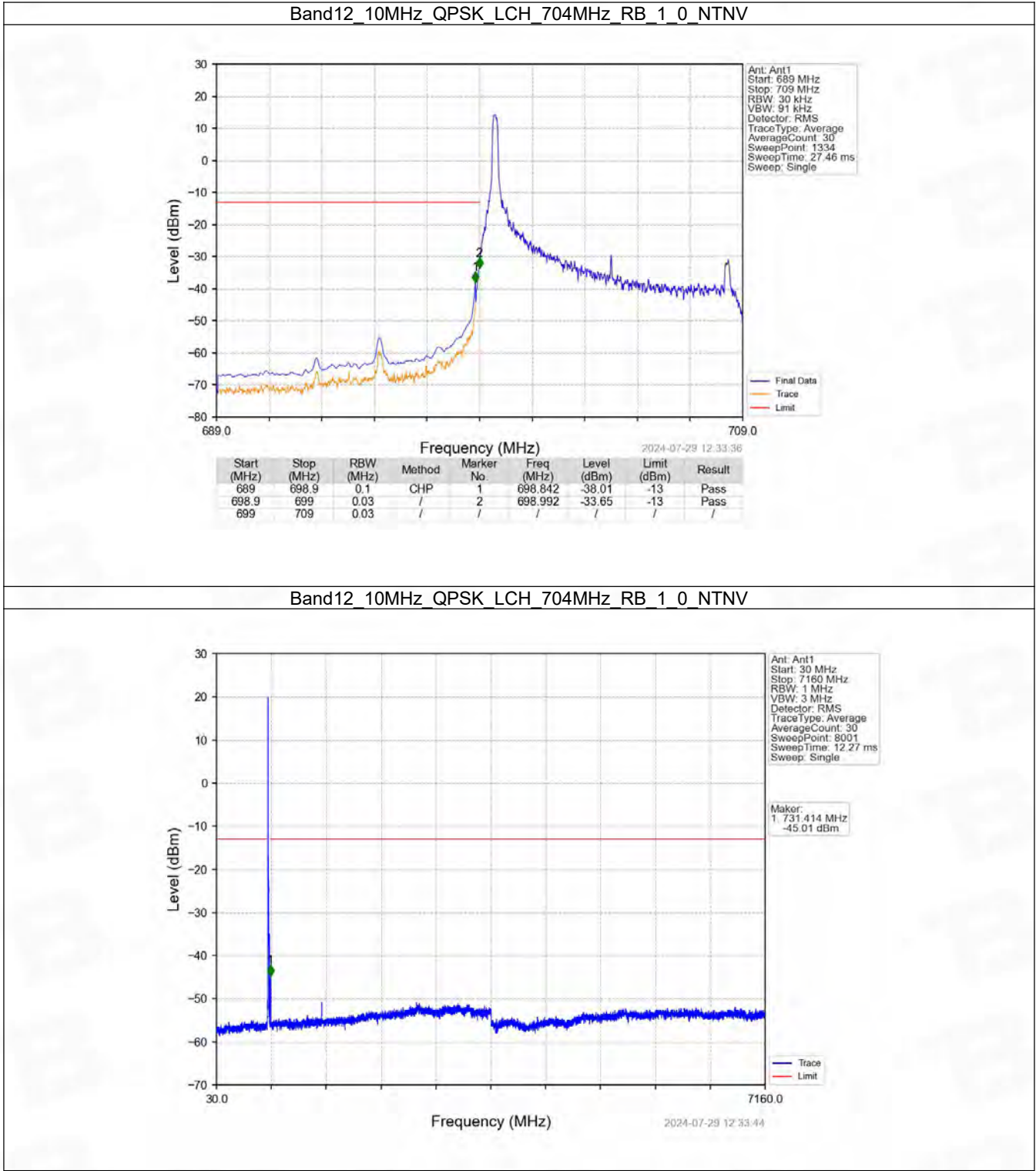
Band12_5MHz_16QAM_HCH_713.5MHz_RB_1_24_NTNV



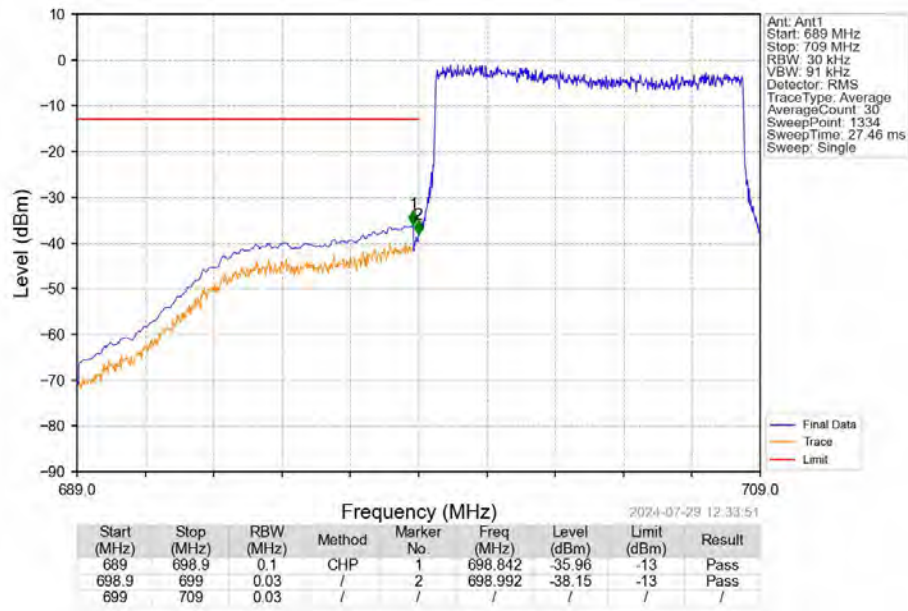
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



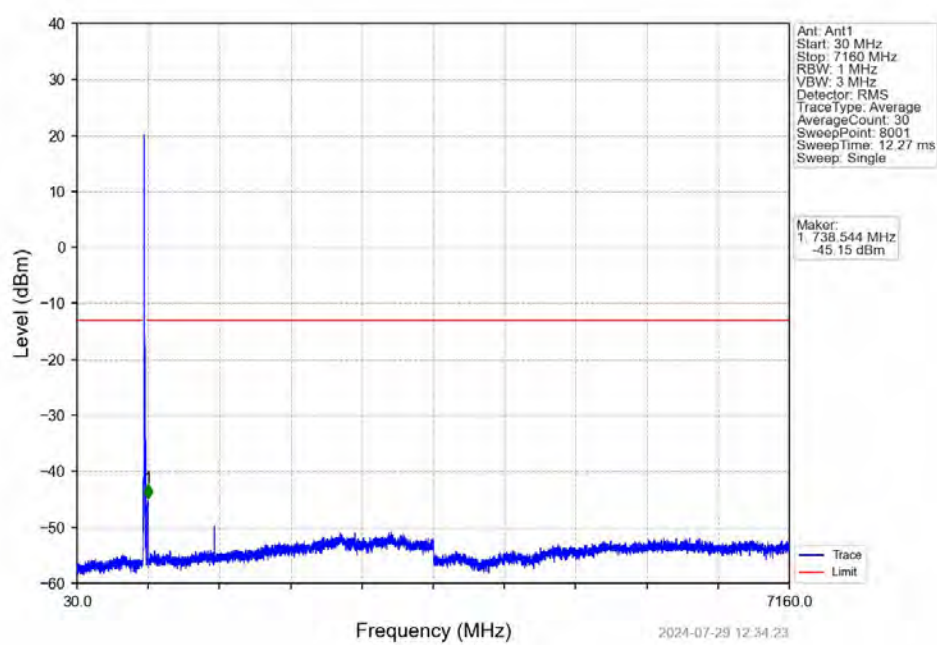
6.2.4 B12_10MHz



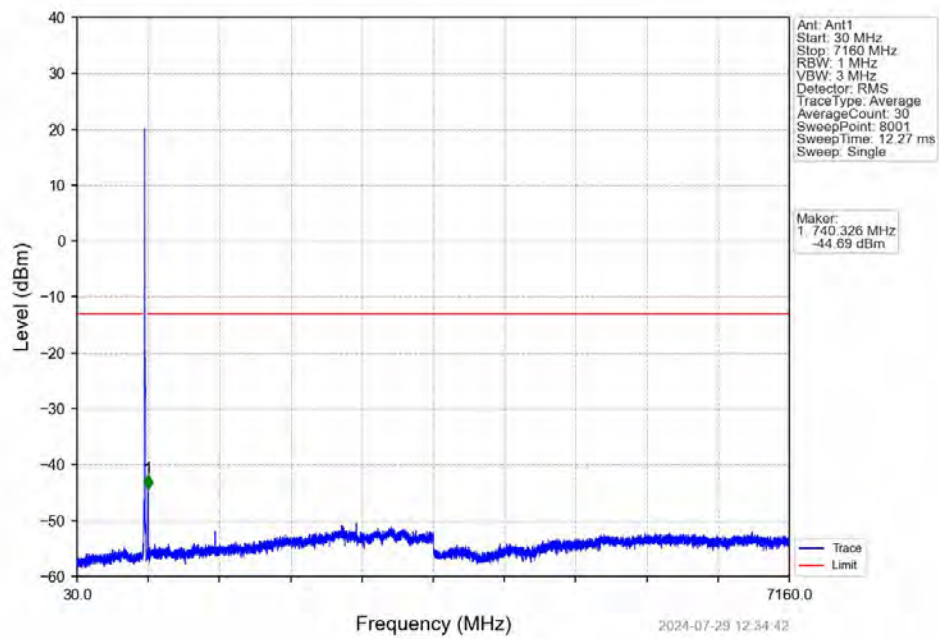
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



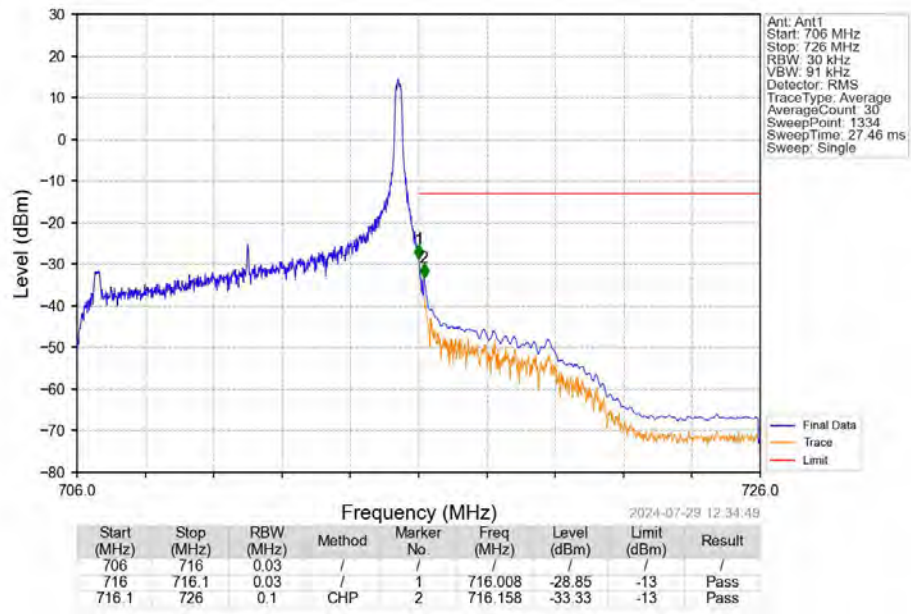
Band12_10MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



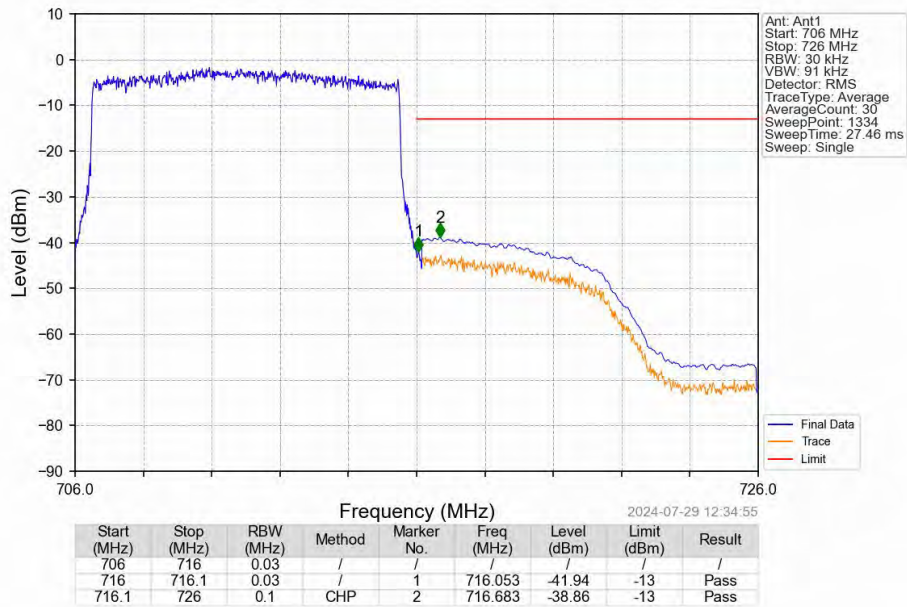
Band12_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



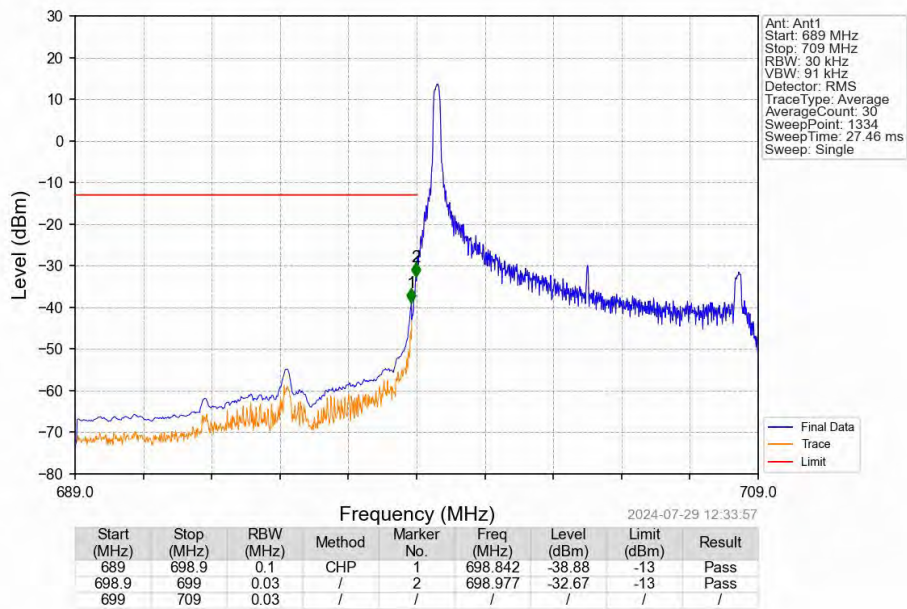
Band12_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV



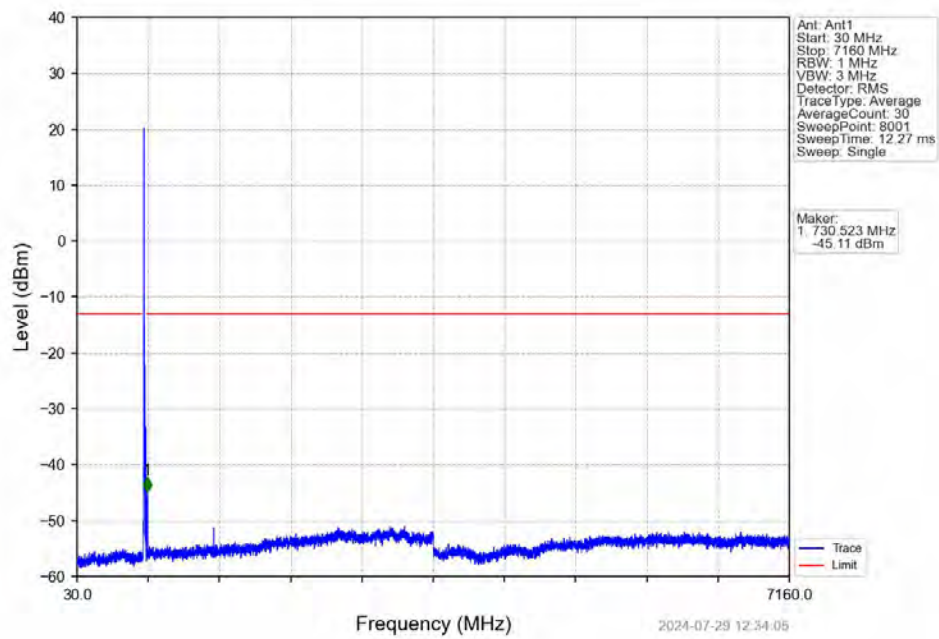
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



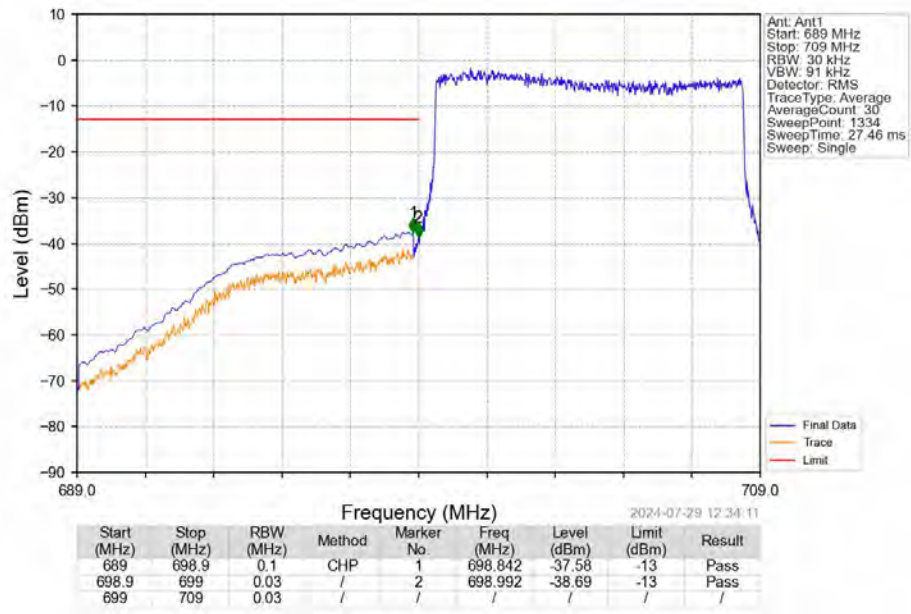
Band12_10MHz_16QAM_LCH_704MHz_RB_1_0_NTNV



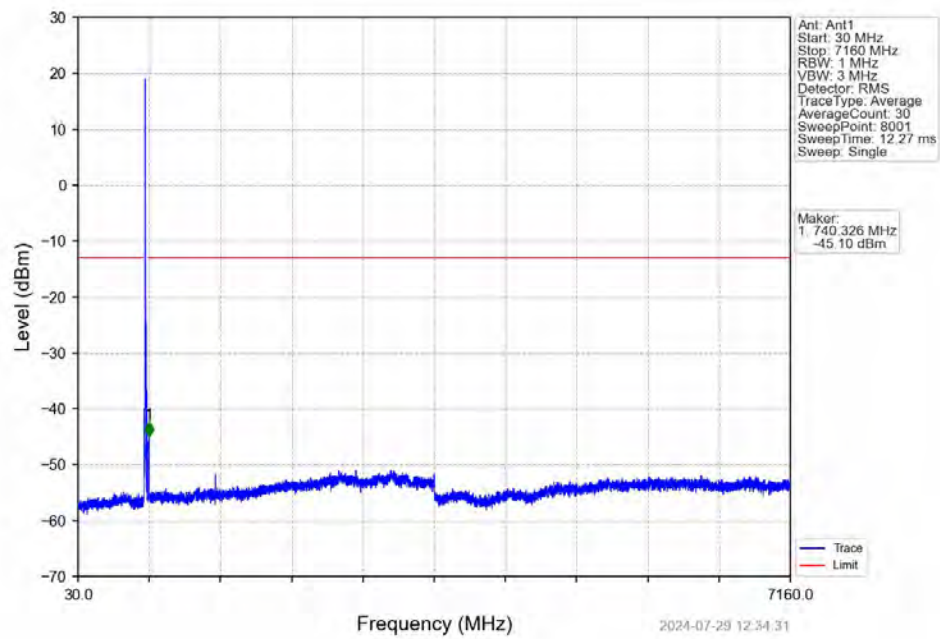
Band12_10MHz_16QAM_LCH_704MHz_RB_1_0_NTNV



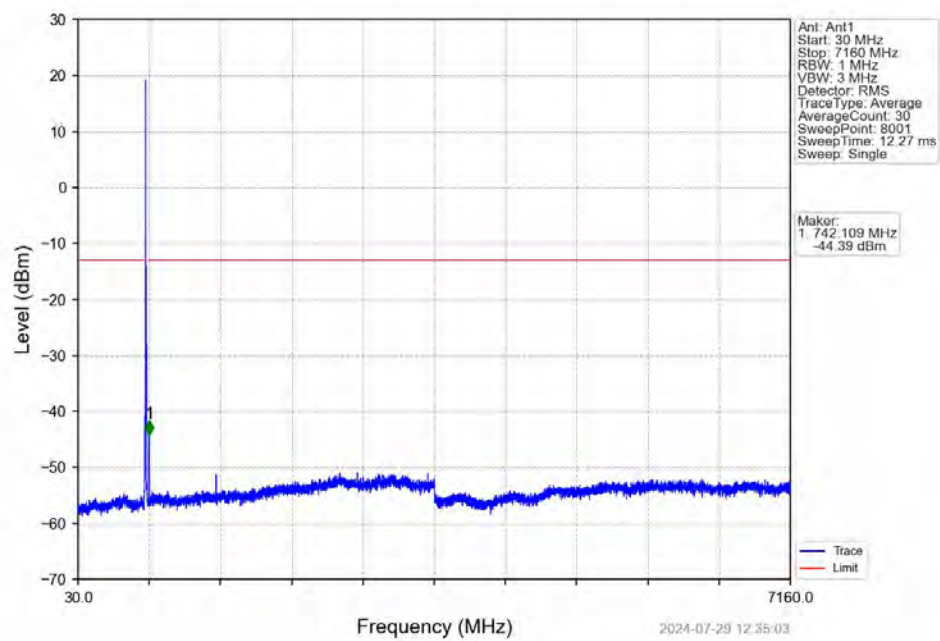
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



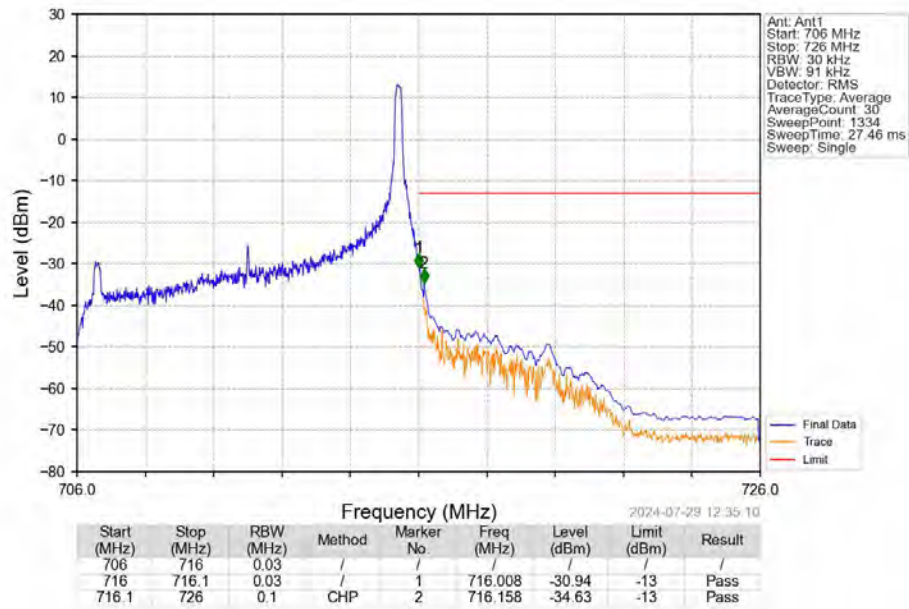
Band12_10MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



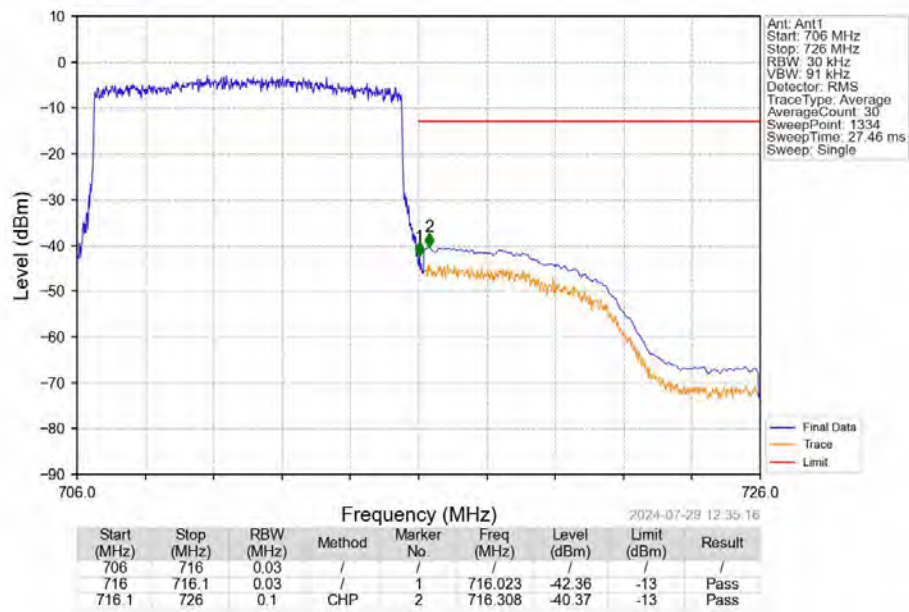
Band12_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_1_49_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



7. Form731

7.1 Test Result

7.1.1 Form731_Power

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
12	1.4	699.7	715.3	0.1489	0.0650	ppm	1M12G7D	27H	21.73
12	1.4	699.7	715.3	0.1334	0.0635	ppm	1M12W7D	27H	21.25
12	3	700.5	714.5	0.1663	0.0650	ppm	2M77G7D	27H	22.21
12	3	700.5	714.5	0.1552	0.0603	ppm	2M78W7D	27H	21.91
12	5	701.5	713.5	0.1603	0.0271	ppm	4M57G7D	27H	22.05
12	5	701.5	713.5	0.1462	0.0299	ppm	4M59W7D	27H	21.65
12	10	704	711	0.1596	0.0482	ppm	9M11G7D	27H	22.03
12	10	704	711	0.1698	0.0425	ppm	9M10W7D	27H	22.30

7.1.2 Form731_ERP

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
12	1.4	699.7	715.3	0.0593	0.0650	ppm	1M12G7D	27H	17.73
12	1.4	699.7	715.3	0.0531	0.0635	ppm	1M12W7D	27H	17.25
12	3	700.5	714.5	0.0662	0.0650	ppm	2M77G7D	27H	18.21
12	3	700.5	714.5	0.0618	0.0603	ppm	2M78W7D	27H	17.91
12	5	701.5	713.5	0.0638	0.0271	ppm	4M57G7D	27H	18.05
12	5	701.5	713.5	0.0582	0.0299	ppm	4M59W7D	27H	17.65
12	10	704	711	0.0635	0.0482	ppm	9M11G7D	27H	18.03
12	10	704	711	0.0676	0.0425	ppm	9M10W7D	27H	18.30