1. Effective (Isotropic) Radiated Power Output Data

1.1 B12_1.4MHz_ERP

1.1.1 Test Result

Band: 12 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	699.7	1	0	21.96	-0.81	19.00	<=34.77	Pass
			2	22.04	-0.81	19.08	<=34.77	Pass
			5	21.92	-0.81	18.96	<=34.77	Pass
		3	0	21.96	-0.81	19.00	<=34.77	Pass
			2	21.98	-0.81	19.02	<=34.77	Pass
			3	21.92	-0.81	18.96	<=34.77	Pass
		6	0	21.02	-0.81	18.06	<=34.77	Pass
	707.5	1	0	21.89	-0.81	18.93	<=34.77	Pass
			2	22.01	-0.81	19.05	<=34.77	Pass
			5	21.90	-0.81	18.94	<=34.77	Pass
		3	0	21.84	-0.81	18.88	<=34.77	Pass
			2	21.93	-0.81	18.97	<=34.77	Pass
			3	21.85	-0.81	18.89	<=34.77	Pass
		6	0	20.94	-0.81	17.98	<=34.77	Pass
	715.3	1	0	21.32	-0.81	18.36	<=34.77	Pass
			2	21.43	-0.81	18.47	<=34.77	Pass
			5	21.33	-0.81	18.37	<=34.77	Pass
		3	0	21.31	-0.81	18.35	<=34.77	Pass
			2	21.35	-0.81	18.39	<=34.77	Pass
			3	21.30	-0.81	18.34	<=34.77	Pass
		6	0	20.42	-0.81	17.46	<=34.77	Pass
16QAM	699.7	1	0	20.83	-0.81	17.87	<=34.77	Pass
			2	20.92	-0.81	17.96	<=34.77	Pass
			5	20.80	-0.81	17.84	<=34.77	Pass
		3	0	21.05	-0.81	18.09	<=34.77	Pass
			2	21.09	-0.81	18.13	<=34.77	Pass
			3	21.04	-0.81	18.08	<=34.77	Pass
		6	0	19.91	-0.81	16.95	<=34.77	Pass
	707.5	1	0	20.78	-0.81	17.82	<=34.77	Pass
			2	20.88	-0.81	17.92	<=34.77	Pass
			5	20.78	-0.81	17.82	<=34.77	Pass
		3	0	20.86	-0.81	17.90	<=34.77	Pass
			2	20.85	-0.81	17.89	<=34.77	Pass
			3	20.62	-0.81	17.66	<=34.77	Pass
		6	0	19.76	-0.81	16.80	<=34.77	Pass
	715.3	1	0	20.39	-0.81	17.43	<=34.77	Pass
			2	20.48	-0.81	17.52	<=34.77	Pass
			5	20.35	-0.81	17.39	<=34.77	Pass
		3	0	20.24	-0.81	17.28	<=34.77	Pass
			2	20.23	-0.81	17.27	<=34.77	Pass
			3	20.22	-0.81	17.26	<=34.77	Pass
		6	0	19.32	-0.81	16.36	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.2 B12_3MHz_ERP

1.2.1 Test Result

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	21.43	-0.81	18.47	<=34.77	Pass
			7	21.56	-0.81	18.60	<=34.77	Pass
			14	21.39	-0.81	18.43	<=34.77	Pass
		8	0	20.38	-0.81	17.42	<=34.77	Pass
			4	20.42	-0.81	17.46	<=34.77	Pass
			7	20.35	-0.81	17.39	<=34.77	Pass
		15	0	20.33	-0.81	17.37	<=34.77	Pass
	707.5	1	0	21.39	-0.81	18.43	<=34.77	Pass
			7	21.51	-0.81	18.55	<=34.77	Pass
			14	21.34	-0.81	18.38	<=34.77	Pass
		8	0	20.35	-0.81	17.39	<=34.77	Pass
			4	20.36	-0.81	17.40	<=34.77	Pass
			7	20.32	-0.81	17.36	<=34.77	Pass
		15	0	20.29	-0.81	17.33	<=34.77	Pass
	714.5	1	0	21.30	-0.81	18.34	<=34.77	Pass
			7	21.50	-0.81	18.54	<=34.77	Pass
			14	21.33	-0.81	18.37	<=34.77	Pass
		8	0	20.35	-0.81	17.39	<=34.77	Pass
			4	20.39	-0.81	17.43	<=34.77	Pass
			7	20.31	-0.81	17.35	<=34.77	Pass
		15	0	20.29	-0.81	17.33	<=34.77	Pass
16QAM	700.5	1	0	20.80	-0.81	17.84	<=34.77	Pass
			7	20.95	-0.81	17.99	<=34.77	Pass
			14	20.79	-0.81	17.83	<=34.77	Pass
		8	0	19.45	-0.81	16.49	<=34.77	Pass
			4	19.49	-0.81	16.53	<=34.77	Pass
			7	19.45	-0.81	16.49	<=34.77	Pass
		15	0	19.33	-0.81	16.37	<=34.77	Pass
	707.5	1	0	20.32	-0.81	17.36	<=34.77	Pass
			7	20.44	-0.81	17.48	<=34.77	Pass
			14	20.24	-0.81	17.28	<=34.77	Pass
		8	0	19.31	-0.81	16.35	<=34.77	Pass
			4	19.35	-0.81	16.39	<=34.77	Pass
			7	19.28	-0.81	16.32	<=34.77	Pass
		15	0	19.26	-0.81	16.30	<=34.77	Pass
	714.5	1	0	20.41	-0.81	17.45	<=34.77	Pass
			7	20.56	-0.81	17.60	<=34.77	Pass
			14	20.37	-0.81	17.41	<=34.77	Pass
		8	0	19.26	-0.81	16.30	<=34.77	Pass
			4	19.26	-0.81	16.30	<=34.77	Pass
			7	19.20	-0.81	16.24	<=34.77	Pass
		15	0	19.17	-0.81	16.21	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.3 B12_5MHz_ERP

1.3.1 Test Result

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	21.32	-0.81	18.36	<=34.77	Pass
			13	21.44	-0.81	18.48	<=34.77	Pass
			24	21.28	-0.81	18.32	<=34.77	Pass

		12	0	20.34	-0.81	17.38	<=34.77	Pass
			6	20.38	-0.81	17.42	<=34.77	Pass
			13	20.36	-0.81	17.40	<=34.77	Pass
		25	0	20.37	-0.81	17.41	<=34.77	Pass
	707.5	1	0	21.22	-0.81	18.26	<=34.77	Pass
			13	21.37	-0.81	18.41	<=34.77	Pass
			24	21.19	-0.81	18.23	<=34.77	Pass
		12	0	20.27	-0.81	17.31	<=34.77	Pass
			6	20.30	-0.81	17.34	<=34.77	Pass
			13	20.25	-0.81	17.29	<=34.77	Pass
		25	0	20.24	-0.81	17.28	<=34.77	Pass
	713.5	1	0	21.22	-0.81	18.26	<=34.77	Pass
			13	21.38	-0.81	18.42	<=34.77	Pass
			24	21.23	-0.81	18.27	<=34.77	Pass
		12	0	20.27	-0.81	17.31	<=34.77	Pass
			6	20.31	-0.81	17.35	<=34.77	Pass
			13	20.21	-0.81	17.25	<=34.77	Pass
		25	0	20.25	-0.81	17.29	<=34.77	Pass
16QAM	701.5	1	0	20.31	-0.81	17.35	<=34.77	Pass
			13	20.46	-0.81	17.50	<=34.77	Pass
			24	20.29	-0.81	17.33	<=34.77	Pass
		12	0	19.25	-0.81	16.29	<=34.77	Pass
			6	19.33	-0.81	16.37	<=34.77	Pass
			13	19.29	-0.81	16.33	<=34.77	Pass
		25	0	19.32	-0.81	16.36	<=34.77	Pass
	707.5	1	0	20.41	-0.81	17.45	<=34.77	Pass
			13	20.47	-0.81	17.51	<=34.77	Pass
			24	20.36	-0.81	17.40	<=34.77	Pass
		12	0	19.24	-0.81	16.28	<=34.77	Pass
			6	19.30	-0.81	16.34	<=34.77	Pass
			13	19.21	-0.81	16.25	<=34.77	Pass
		25	0	19.18	-0.81	16.22	<=34.77	Pass
	713.5	1	0	20.00	-0.81	17.04	<=34.77	Pass
			13	20.15	-0.81	17.19	<=34.77	Pass
			24	19.97	-0.81	17.01	<=34.77	Pass
		12	0	19.22	-0.81	16.26	<=34.77	Pass
			6	19.27	-0.81	16.31	<=34.77	Pass
			13	19.17	-0.81	16.21	<=34.77	Pass
		25	0	19.23	-0.81	16.27	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.4 B12_10MHz_ERP

1.4.1 Test Result

Band: 12 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	704	1	0	21.40	-0.81	18.44	<=34.77	Pass
			25	21.53	-0.81	18.57	<=34.77	Pass
			49	21.38	-0.81	18.42	<=34.77	Pass
		25	0	20.35	-0.81	17.39	<=34.77	Pass
			13	20.35	-0.81	17.39	<=34.77	Pass
			25	20.38	-0.81	17.42	<=34.77	Pass
		50	0	20.36	-0.81	17.40	<=34.77	Pass
	707.5	1	0	21.29	-0.81	18.33	<=34.77	Pass
			25	21.50	-0.81	18.54	<=34.77	Pass

			49	21.29	-0.81	18.33	<=34.77	Pass
		25	0	20.29	-0.81	17.33	<=34.77	Pass
			13	20.34	-0.81	17.38	<=34.77	Pass
			25	20.26	-0.81	17.30	<=34.77	Pass
		50	0	20.27	-0.81	17.31	<=34.77	Pass
	711	1	0	21.31	-0.81	18.35	<=34.77	Pass
			25	21.46	-0.81	18.50	<=34.77	Pass
			49	21.34	-0.81	18.38	<=34.77	Pass
		25	0	20.36	-0.81	17.40	<=34.77	Pass
			13	20.35	-0.81	17.39	<=34.77	Pass
			25	20.33	-0.81	17.37	<=34.77	Pass
		50	0	20.32	-0.81	17.36	<=34.77	Pass
16QAM	704	1	0	20.28	-0.81	17.32	<=34.77	Pass
			25	20.50	-0.81	17.54	<=34.77	Pass
			49	20.21	-0.81	17.25	<=34.77	Pass
		25	0	19.37	-0.81	16.41	<=34.77	Pass
			13	19.36	-0.81	16.40	<=34.77	Pass
			25	19.41	-0.81	16.45	<=34.77	Pass
		50	0	19.32	-0.81	16.36	<=34.77	Pass
	707.5	1	0	20.39	-0.81	17.43	<=34.77	Pass
			25	20.55	-0.81	17.59	<=34.77	Pass
			49	20.38	-0.81	17.42	<=34.77	Pass
		25	0	19.24	-0.81	16.28	<=34.77	Pass
			13	19.27	-0.81	16.31	<=34.77	Pass
			25	19.25	-0.81	16.29	<=34.77	Pass
		50	0	19.24	-0.81	16.28	<=34.77	Pass
	711	1	0	20.70	-0.81	17.74	<=34.77	Pass
			25	20.91	-0.81	17.95	<=34.77	Pass
			49	20.66	-0.81	17.70	<=34.77	Pass
		25	0	19.35	-0.81	16.39	<=34.77	Pass
			13	19.30	-0.81	16.34	<=34.77	Pass
			25	19.30	-0.81	16.34	<=34.77	Pass
		50	0	19.30	-0.81	16.34	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

2. Frequency Stability

2.1 B12_1.4MHz

2.1.1 Test Result

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	-3.562	-0.0051	-2.5 to 2.5	Pass
					3.85	-1.817	-0.0026	-2.5 to 2.5	Pass
					4.43	-5.336	-0.0076	-2.5 to 2.5	Pass
				-30	3.85	-6.251	-0.0089	-2.5 to 2.5	Pass
				-20	3.85	-5.322	-0.0076	-2.5 to 2.5	Pass
				-10	3.85	-5.894	-0.0084	-2.5 to 2.5	Pass
				0	3.85	-8.726	-0.0125	-2.5 to 2.5	Pass
				10	3.85	-2.646	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-7.310	-0.0104	-2.5 to 2.5	Pass
				40	3.85	-10.042	-0.0144	-2.5 to 2.5	Pass
				50	3.85	-4.392	-0.0063	-2.5 to 2.5	Pass
	707.5	6	0	20	3.27	-6.323	-0.0089	-2.5 to 2.5	Pass

					3.85	-4.907	-0.0069	-2.5 to 2.5	Pass
					4.43	-7.210	-0.0102	-2.5 to 2.5	Pass
				-30	3.85	-4.907	-0.0069	-2.5 to 2.5	Pass
				-20	3.85	-5.765	-0.0081	-2.5 to 2.5	Pass
				-10	3.85	-8.125	-0.0115	-2.5 to 2.5	Pass
				0	3.85	-3.848	-0.0054	-2.5 to 2.5	Pass
				10	3.85	-4.821	-0.0068	-2.5 to 2.5	Pass
				30	3.85	-3.533	-0.0050	-2.5 to 2.5	Pass
				40	3.85	-2.575	-0.0036	-2.5 to 2.5	Pass
				50	3.85	-7.653	-0.0108	-2.5 to 2.5	Pass
	715.3	6	0	20	3.27	-5.994	-0.0084	-2.5 to 2.5	Pass
					3.85	-8.383	-0.0117	-2.5 to 2.5	Pass
					4.43	-4.892	-0.0068	-2.5 to 2.5	Pass
				-30	3.85	-7.939	-0.0111	-2.5 to 2.5	Pass
				-20	3.85	-7.925	-0.0111	-2.5 to 2.5	Pass
				-10	3.85	-10.185	-0.0142	-2.5 to 2.5	Pass
				0	3.85	-5.565	-0.0078	-2.5 to 2.5	Pass
				10	3.85	-0.772	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-4.506	-0.0063	-2.5 to 2.5	Pass
				40	3.85	-6.638	-0.0093	-2.5 to 2.5	Pass
				50	3.85	-0.887	-0.0012	-2.5 to 2.5	Pass
16QAM	699.7	6	0	20	3.27	-2.604	-0.0037	-2.5 to 2.5	Pass
					3.85	-9.127	-0.0130	-2.5 to 2.5	Pass
					4.43	-6.337	-0.0091	-2.5 to 2.5	Pass
				-30	3.85	-9.027	-0.0129	-2.5 to 2.5	Pass
				-20	3.85	-4.363	-0.0062	-2.5 to 2.5	Pass
				-10	3.85	-6.709	-0.0096	-2.5 to 2.5	Pass
				0	3.85	-9.756	-0.0139	-2.5 to 2.5	Pass
				10	3.85	-9.756	-0.0139	-2.5 to 2.5	Pass
				30	3.85	-6.180	-0.0088	-2.5 to 2.5	Pass
				40	3.85	-5.164	-0.0074	-2.5 to 2.5	Pass
				50	3.85	-6.981	-0.0100	-2.5 to 2.5	Pass
	707.5	6	0	20	3.27	-6.351	-0.0090	-2.5 to 2.5	Pass
					3.85	-0.801	-0.0011	-2.5 to 2.5	Pass
					4.43	-4.334	-0.0061	-2.5 to 2.5	Pass
				-30	3.85	-9.227	-0.0130	-2.5 to 2.5	Pass
				-20	3.85	-1.416	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-4.578	-0.0065	-2.5 to 2.5	Pass
				0	3.85	-5.579	-0.0079	-2.5 to 2.5	Pass
				10	3.85	-3.376	-0.0048	-2.5 to 2.5	Pass
				30	3.85	-4.306	-0.0061	-2.5 to 2.5	Pass
				40	3.85	-3.204	-0.0045	-2.5 to 2.5	Pass
				50	3.85	-6.795	-0.0096	-2.5 to 2.5	Pass
	715.3	6	0	20	3.27	-3.963	-0.0055	-2.5 to 2.5	Pass
					3.85	-4.177	-0.0058	-2.5 to 2.5	Pass
					4.43	-3.848	-0.0054	-2.5 to 2.5	Pass
				-30	3.85	-1.988	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	-5.393	-0.0075	-2.5 to 2.5	Pass
				-10	3.85	-6.409	-0.0090	-2.5 to 2.5	Pass
				0	3.85	-3.033	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-3.076	-0.0043	-2.5 to 2.5	Pass
				30	3.85	-7.625	-0.0107	-2.5 to 2.5	Pass
				40	3.85	-3.633	-0.0051	-2.5 to 2.5	Pass
				50	3.85	-15.492	-0.0217	-2.5 to 2.5	Pass

2.2 B12_3MHz

2.2.1 Test Result

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	-8.211	-0.0117	-2.5 to 2.5	Pass
					3.85	0.973	0.0014	-2.5 to 2.5	Pass
					4.43	-5.450	-0.0078	-2.5 to 2.5	Pass
				-30	3.85	-1.960	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	-5.622	-0.0080	-2.5 to 2.5	Pass
				-10	3.85	-9.956	-0.0142	-2.5 to 2.5	Pass
				0	3.85	-13.919	-0.0199	-2.5 to 2.5	Pass
				10	3.85	-3.376	-0.0048	-2.5 to 2.5	Pass
				30	3.85	-6.924	-0.0099	-2.5 to 2.5	Pass
				40	3.85	-7.195	-0.0103	-2.5 to 2.5	Pass
				50	3.85	-10.157	-0.0145	-2.5 to 2.5	Pass
	707.5	15	0	20	3.27	-11.559	-0.0163	-2.5 to 2.5	Pass
					3.85	-0.944	-0.0013	-2.5 to 2.5	Pass
					4.43	-5.536	-0.0078	-2.5 to 2.5	Pass
				-30	3.85	-4.706	-0.0067	-2.5 to 2.5	Pass
				-20	3.85	-2.818	-0.0040	-2.5 to 2.5	Pass
				-10	3.85	-5.221	-0.0074	-2.5 to 2.5	Pass
				0	3.85	-7.453	-0.0105	-2.5 to 2.5	Pass
				10	3.85	-4.091	-0.0058	-2.5 to 2.5	Pass
				30	3.85	-6.108	-0.0086	-2.5 to 2.5	Pass
				40	3.85	-9.370	-0.0132	-2.5 to 2.5	Pass
				50	3.85	-7.110	-0.0100	-2.5 to 2.5	Pass
	714.5	15	0	20	3.27	-9.627	-0.0135	-2.5 to 2.5	Pass
					3.85	-6.866	-0.0096	-2.5 to 2.5	Pass
					4.43	-5.665	-0.0079	-2.5 to 2.5	Pass
				-30	3.85	-9.055	-0.0127	-2.5 to 2.5	Pass
				-20	3.85	-3.448	-0.0048	-2.5 to 2.5	Pass
				-10	3.85	-8.411	-0.0118	-2.5 to 2.5	Pass
				0	3.85	-5.779	-0.0081	-2.5 to 2.5	Pass
				10	3.85	-8.354	-0.0117	-2.5 to 2.5	Pass
				30	3.85	-2.446	-0.0034	-2.5 to 2.5	Pass
				40	3.85	-7.739	-0.0108	-2.5 to 2.5	Pass
				50	3.85	-4.063	-0.0057	-2.5 to 2.5	Pass
16QAM	700.5	15	0	20	3.27	-8.984	-0.0128	-2.5 to 2.5	Pass
					3.85	-5.307	-0.0076	-2.5 to 2.5	Pass
					4.43	-5.636	-0.0080	-2.5 to 2.5	Pass
				-30	3.85	-9.327	-0.0133	-2.5 to 2.5	Pass
				-20	3.85	-2.432	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-4.978	-0.0071	-2.5 to 2.5	Pass
				0	3.85	-5.450	-0.0078	-2.5 to 2.5	Pass
				10	3.85	-8.998	-0.0128	-2.5 to 2.5	Pass
				30	3.85	-10.986	-0.0157	-2.5 to 2.5	Pass
				40	3.85	-9.613	-0.0137	-2.5 to 2.5	Pass
				50	3.85	-3.891	-0.0056	-2.5 to 2.5	Pass
	707.5	15	0	20	3.27	-6.723	-0.0095	-2.5 to 2.5	Pass
					3.85	-5.021	-0.0071	-2.5 to 2.5	Pass
					4.43	-4.034	-0.0057	-2.5 to 2.5	Pass
				-30	3.85	-3.862	-0.0055	-2.5 to 2.5	Pass
				-20	3.85	-7.997	-0.0113	-2.5 to 2.5	Pass
				-10	3.85	-5.293	-0.0075	-2.5 to 2.5	Pass
				0	3.85	-9.327	-0.0132	-2.5 to 2.5	Pass
				10	3.85	-3.633	-0.0051	-2.5 to 2.5	Pass
				30	3.85	-11.101	-0.0157	-2.5 to 2.5	Pass
				40	3.85	-7.324	-0.0104	-2.5 to 2.5	Pass

				50	3.85	-4.849	-0.0069	-2.5 to 2.5	Pass
	714.5	15	0	20	3.27	-3.963	-0.0055	-2.5 to 2.5	Pass
					3.85	-7.181	-0.0101	-2.5 to 2.5	Pass
					4.43	-6.351	-0.0089	-2.5 to 2.5	Pass
				-30	3.85	-5.207	-0.0073	-2.5 to 2.5	Pass
				-20	3.85	-3.505	-0.0049	-2.5 to 2.5	Pass
				-10	3.85	-9.370	-0.0131	-2.5 to 2.5	Pass
				0	3.85	-6.509	-0.0091	-2.5 to 2.5	Pass
				10	3.85	-2.360	-0.0033	-2.5 to 2.5	Pass
				30	3.85	-9.756	-0.0137	-2.5 to 2.5	Pass
				40	3.85	-5.994	-0.0084	-2.5 to 2.5	Pass
				50	3.85	-10.257	-0.0144	-2.5 to 2.5	Pass

2.3 B12_5MHz

2.3.1 Test Result

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	-9.341	-0.0133	-2.5 to 2.5	Pass
					3.85	-6.981	-0.0100	-2.5 to 2.5	Pass
					4.43	-6.537	-0.0093	-2.5 to 2.5	Pass
				-30	3.85	-6.094	-0.0087	-2.5 to 2.5	Pass
				-20	3.85	-9.341	-0.0133	-2.5 to 2.5	Pass
				-10	3.85	-7.238	-0.0103	-2.5 to 2.5	Pass
				0	3.85	-6.223	-0.0089	-2.5 to 2.5	Pass
				10	3.85	-23.732	-0.0338	-2.5 to 2.5	Pass
				30	3.85	-2.475	-0.0035	-2.5 to 2.5	Pass
				40	3.85	-4.821	-0.0069	-2.5 to 2.5	Pass
				50	3.85	-6.952	-0.0099	-2.5 to 2.5	Pass
	707.5	25	0	20	3.27	-8.583	-0.0121	-2.5 to 2.5	Pass
					3.85	-6.566	-0.0093	-2.5 to 2.5	Pass
					4.43	-3.920	-0.0055	-2.5 to 2.5	Pass
				-30	3.85	-6.924	-0.0098	-2.5 to 2.5	Pass
				-20	3.85	-8.640	-0.0122	-2.5 to 2.5	Pass
				-10	3.85	-5.794	-0.0082	-2.5 to 2.5	Pass
				0	3.85	-4.935	-0.0070	-2.5 to 2.5	Pass
				10	3.85	-8.111	-0.0115	-2.5 to 2.5	Pass
				30	3.85	-4.292	-0.0061	-2.5 to 2.5	Pass
				40	3.85	-8.297	-0.0117	-2.5 to 2.5	Pass
				50	3.85	-7.467	-0.0106	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-7.725	-0.0108	-2.5 to 2.5	Pass
					3.85	-4.063	-0.0057	-2.5 to 2.5	Pass
					4.43	-4.148	-0.0058	-2.5 to 2.5	Pass
				-30	3.85	-4.778	-0.0067	-2.5 to 2.5	Pass
				-20	3.85	-4.578	-0.0064	-2.5 to 2.5	Pass
				-10	3.85	-8.082	-0.0113	-2.5 to 2.5	Pass
				0	3.85	-5.093	-0.0071	-2.5 to 2.5	Pass
				10	3.85	-9.656	-0.0135	-2.5 to 2.5	Pass
				30	3.85	-8.068	-0.0113	-2.5 to 2.5	Pass
				40	3.85	-6.366	-0.0089	-2.5 to 2.5	Pass
				50	3.85	-4.849	-0.0068	-2.5 to 2.5	Pass
16QAM	701.5	25	0	20	3.27	-2.732	-0.0039	-2.5 to 2.5	Pass
					3.85	-8.354	-0.0119	-2.5 to 2.5	Pass
					4.43	-8.168	-0.0116	-2.5 to 2.5	Pass
				-30	3.85	-8.597	-0.0123	-2.5 to 2.5	Pass

				-20	3.85	-8.483	-0.0121	-2.5 to 2.5	Pass
				-10	3.85	-5.021	-0.0072	-2.5 to 2.5	Pass
				0	3.85	-11.544	-0.0165	-2.5 to 2.5	Pass
				10	3.85	-8.039	-0.0115	-2.5 to 2.5	Pass
				30	3.85	-7.854	-0.0112	-2.5 to 2.5	Pass
				40	3.85	-11.086	-0.0158	-2.5 to 2.5	Pass
				50	3.85	-5.922	-0.0084	-2.5 to 2.5	Pass
	707.5	25	0	20	3.27	-4.334	-0.0061	-2.5 to 2.5	Pass
					3.85	-3.948	-0.0056	-2.5 to 2.5	Pass
					4.43	-5.522	-0.0078	-2.5 to 2.5	Pass
				-30	3.85	-6.952	-0.0098	-2.5 to 2.5	Pass
				-20	3.85	-2.975	-0.0042	-2.5 to 2.5	Pass
				-10	3.85	-3.548	-0.0050	-2.5 to 2.5	Pass
				0	3.85	-4.220	-0.0060	-2.5 to 2.5	Pass
				10	3.85	-7.553	-0.0107	-2.5 to 2.5	Pass
				30	3.85	-2.389	-0.0034	-2.5 to 2.5	Pass
				40	3.85	-5.064	-0.0072	-2.5 to 2.5	Pass
				50	3.85	-3.147	-0.0044	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-8.855	-0.0124	-2.5 to 2.5	Pass
					3.85	-4.449	-0.0062	-2.5 to 2.5	Pass
					4.43	-1.702	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-8.168	-0.0114	-2.5 to 2.5	Pass
				-20	3.85	-9.341	-0.0131	-2.5 to 2.5	Pass
				-10	3.85	-6.051	-0.0085	-2.5 to 2.5	Pass
				0	3.85	-9.184	-0.0129	-2.5 to 2.5	Pass
				10	3.85	-7.439	-0.0104	-2.5 to 2.5	Pass
				30	3.85	-5.264	-0.0074	-2.5 to 2.5	Pass
				40	3.85	-2.961	-0.0041	-2.5 to 2.5	Pass
				50	3.85	-10.843	-0.0152	-2.5 to 2.5	Pass

2.4 B12_10MHz

2.4.1 Test Result

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	-5.708	-0.0081	-2.5 to 2.5	Pass
					3.85	-4.749	-0.0067	-2.5 to 2.5	Pass
					4.43	-4.778	-0.0068	-2.5 to 2.5	Pass
				-30	3.85	-4.520	-0.0064	-2.5 to 2.5	Pass
				-20	3.85	-7.582	-0.0108	-2.5 to 2.5	Pass
				-10	3.85	-5.164	-0.0073	-2.5 to 2.5	Pass
				0	3.85	-5.064	-0.0072	-2.5 to 2.5	Pass
				10	3.85	-3.448	-0.0049	-2.5 to 2.5	Pass
				30	3.85	-1.731	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-3.219	-0.0046	-2.5 to 2.5	Pass
				50	3.85	-4.635	-0.0066	-2.5 to 2.5	Pass
	707.5	50	0	20	3.27	-6.824	-0.0096	-2.5 to 2.5	Pass
					3.85	-2.203	-0.0031	-2.5 to 2.5	Pass
					4.43	-2.189	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-4.950	-0.0070	-2.5 to 2.5	Pass
				-20	3.85	-4.892	-0.0069	-2.5 to 2.5	Pass
				-10	3.85	-6.208	-0.0088	-2.5 to 2.5	Pass
				0	3.85	-5.307	-0.0075	-2.5 to 2.5	Pass
				10	3.85	-4.320	-0.0061	-2.5 to 2.5	Pass
				30	3.85	-5.465	-0.0077	-2.5 to 2.5	Pass

				40	3.85	-2.990	-0.0042	-2.5 to 2.5	Pass
				50	3.85	-7.496	-0.0106	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-4.191	-0.0059	-2.5 to 2.5	Pass
					3.85	-3.090	-0.0043	-2.5 to 2.5	Pass
					4.43	-4.535	-0.0064	-2.5 to 2.5	Pass
				-30	3.85	-4.892	-0.0069	-2.5 to 2.5	Pass
				-20	3.85	-1.917	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-3.591	-0.0051	-2.5 to 2.5	Pass
				0	3.85	-6.337	-0.0089	-2.5 to 2.5	Pass
				10	3.85	-7.768	-0.0109	-2.5 to 2.5	Pass
				30	3.85	-7.281	-0.0102	-2.5 to 2.5	Pass
				40	3.85	-9.499	-0.0134	-2.5 to 2.5	Pass
				50	3.85	-6.609	-0.0093	-2.5 to 2.5	Pass
16QAM	704	50	0	20	3.27	-9.799	-0.0139	-2.5 to 2.5	Pass
					3.85	-8.655	-0.0123	-2.5 to 2.5	Pass
					4.43	-3.834	-0.0054	-2.5 to 2.5	Pass
				-30	3.85	-6.852	-0.0097	-2.5 to 2.5	Pass
				-20	3.85	-6.423	-0.0091	-2.5 to 2.5	Pass
				-10	3.85	-4.492	-0.0064	-2.5 to 2.5	Pass
				0	3.85	-8.240	-0.0117	-2.5 to 2.5	Pass
				10	3.85	-8.683	-0.0123	-2.5 to 2.5	Pass
				30	3.85	-7.253	-0.0103	-2.5 to 2.5	Pass
				40	3.85	-6.766	-0.0096	-2.5 to 2.5	Pass
				50	3.85	-5.894	-0.0084	-2.5 to 2.5	Pass
	707.5	50	0	20	3.27	-5.336	-0.0075	-2.5 to 2.5	Pass
					3.85	-5.965	-0.0084	-2.5 to 2.5	Pass
					4.43	-5.178	-0.0073	-2.5 to 2.5	Pass
				-30	3.85	-5.407	-0.0076	-2.5 to 2.5	Pass
				-20	3.85	-4.549	-0.0064	-2.5 to 2.5	Pass
				-10	3.85	-7.110	-0.0100	-2.5 to 2.5	Pass
				0	3.85	-6.838	-0.0097	-2.5 to 2.5	Pass
				10	3.85	-3.591	-0.0051	-2.5 to 2.5	Pass
				30	3.85	-3.505	-0.0050	-2.5 to 2.5	Pass
				40	3.85	-7.510	-0.0106	-2.5 to 2.5	Pass
				50	3.85	-3.405	-0.0048	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-3.591	-0.0051	-2.5 to 2.5	Pass
					3.85	-8.712	-0.0123	-2.5 to 2.5	Pass
					4.43	-6.137	-0.0086	-2.5 to 2.5	Pass
				-30	3.85	-4.277	-0.0060	-2.5 to 2.5	Pass
				-20	3.85	-6.552	-0.0092	-2.5 to 2.5	Pass
				-10	3.85	-5.722	-0.0080	-2.5 to 2.5	Pass
				0	3.85	-5.879	-0.0083	-2.5 to 2.5	Pass
				10	3.85	-7.882	-0.0111	-2.5 to 2.5	Pass
				30	3.85	-5.107	-0.0072	-2.5 to 2.5	Pass
				40	3.85	-6.423	-0.0090	-2.5 to 2.5	Pass
				50	3.85	-4.792	-0.0067	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 B12_1.4MHz

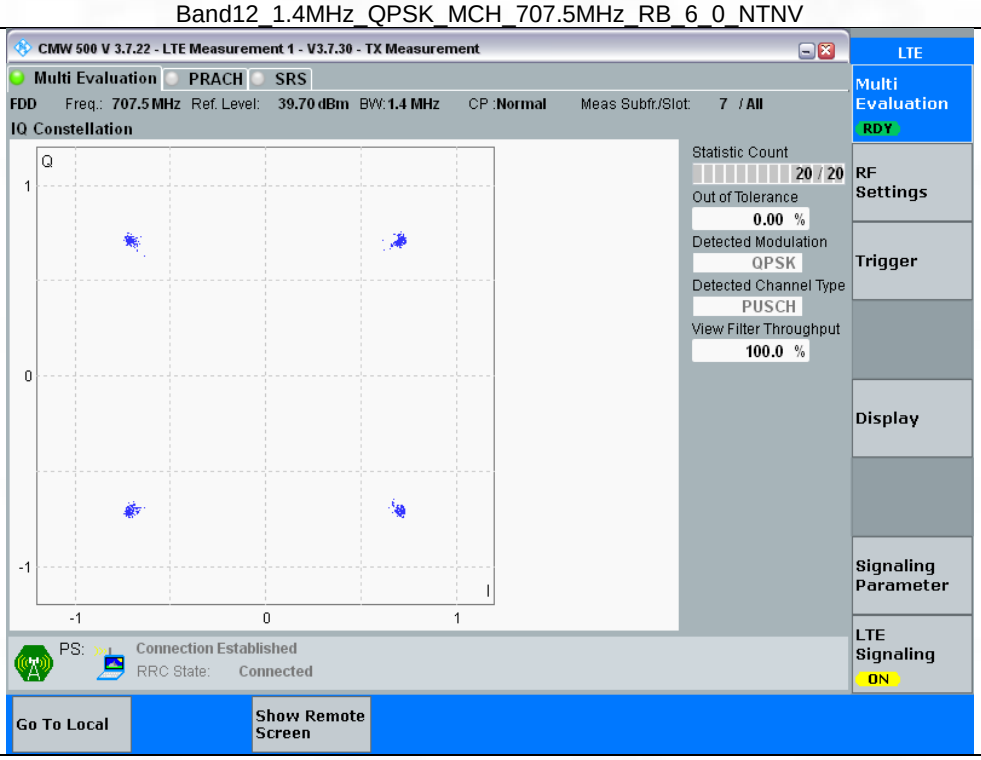
3.1.1 Test Result

Band: 12 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	

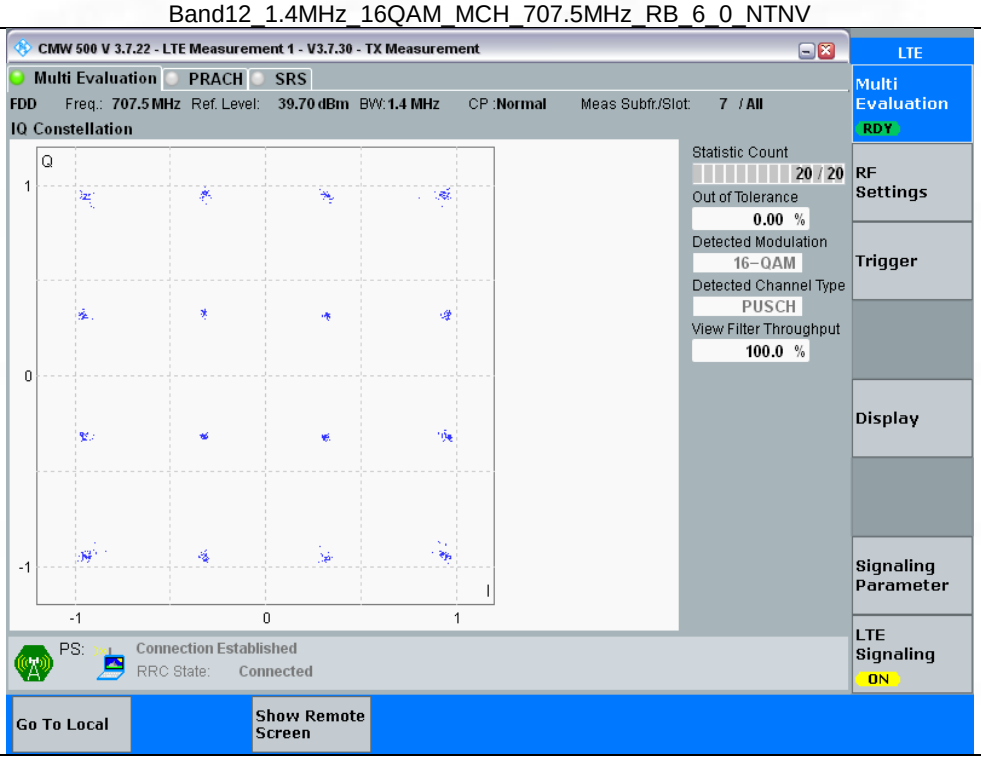
QPSK	707.5	6	0	Refer To Test Graph	Pass
16QAM	707.5	6	0	Refer To Test Graph	Pass

3.1.2 Test Graph

Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_6_0_NTNV



Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



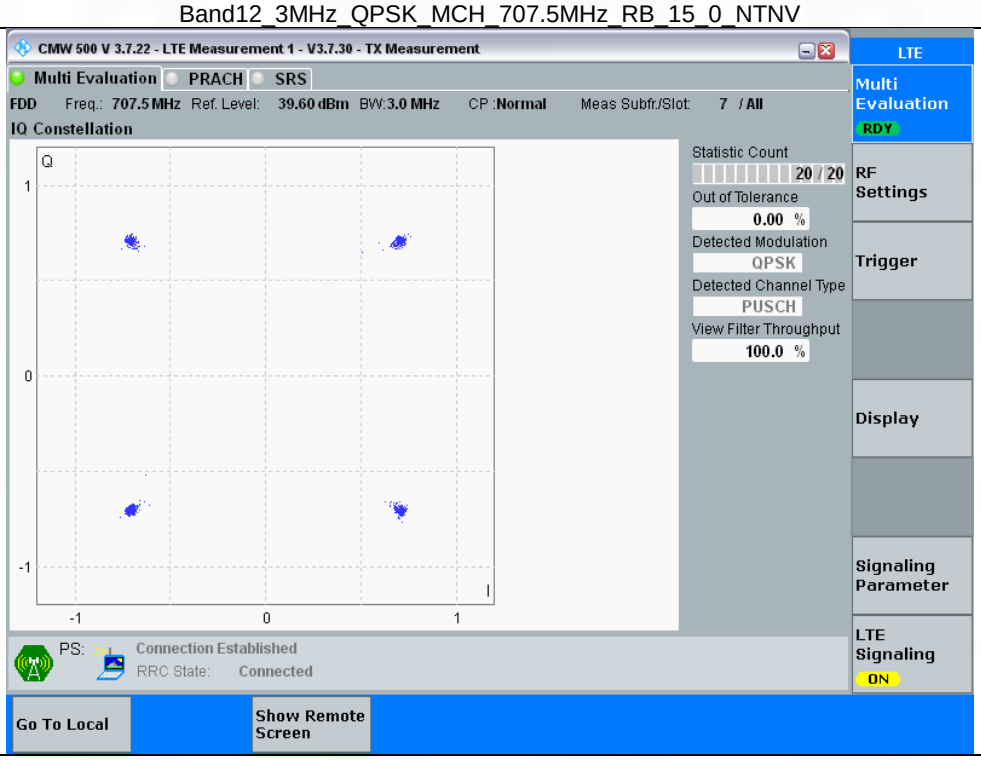
3.2 B12_3MHz

3.2.1 Test Result

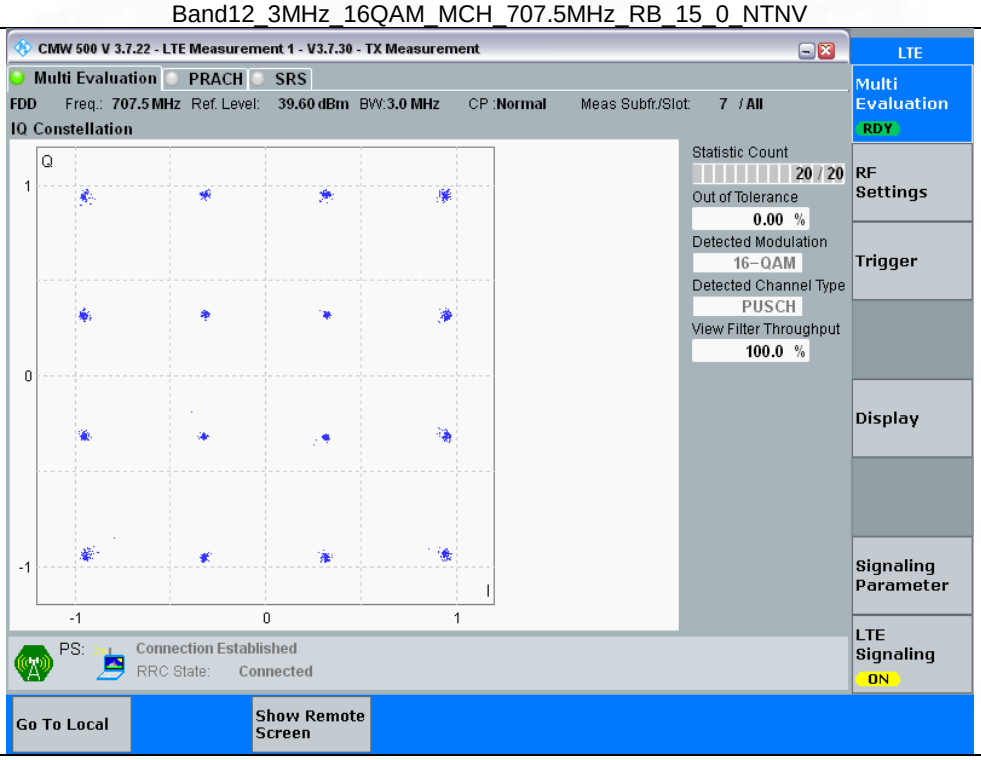
Band: 12 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	707.5	15	0	Refer To Test Graph		Pass
16QAM	707.5	15	0	Refer To Test Graph		Pass

3.2.2 Test Graph

Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



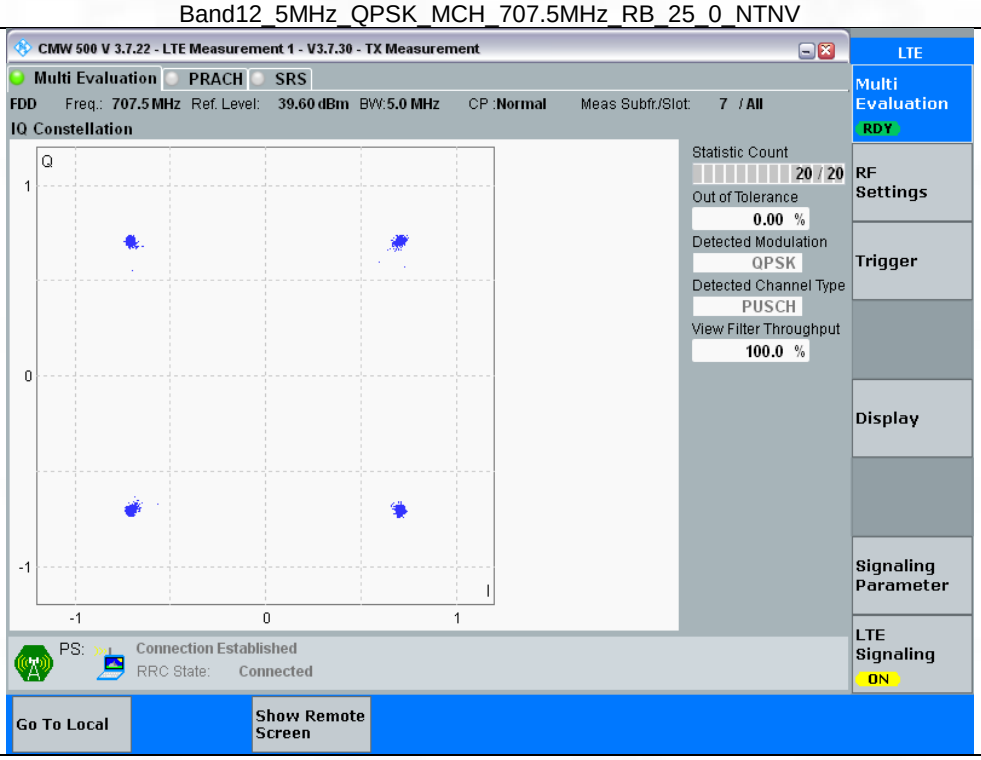
3.3 B12_5MHz

3.3.1 Test Result

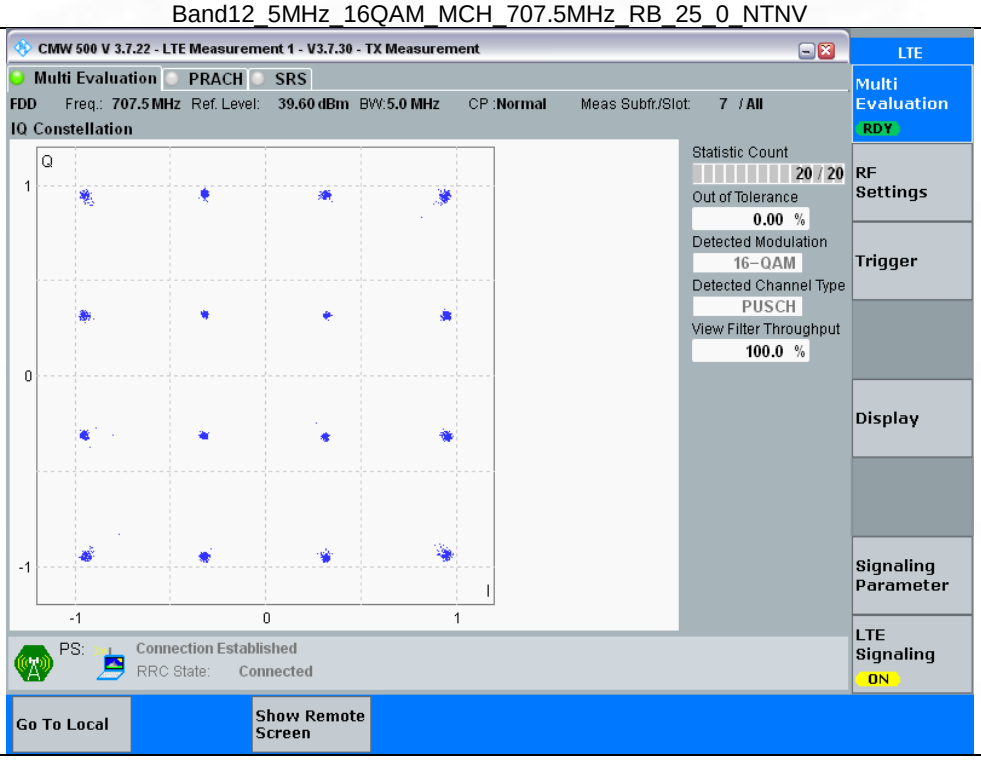
Band: 12 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	707.5	25	0	Refer To Test Graph		Pass
16QAM	707.5	25	0	Refer To Test Graph		Pass

3.3.2 Test Graph

Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



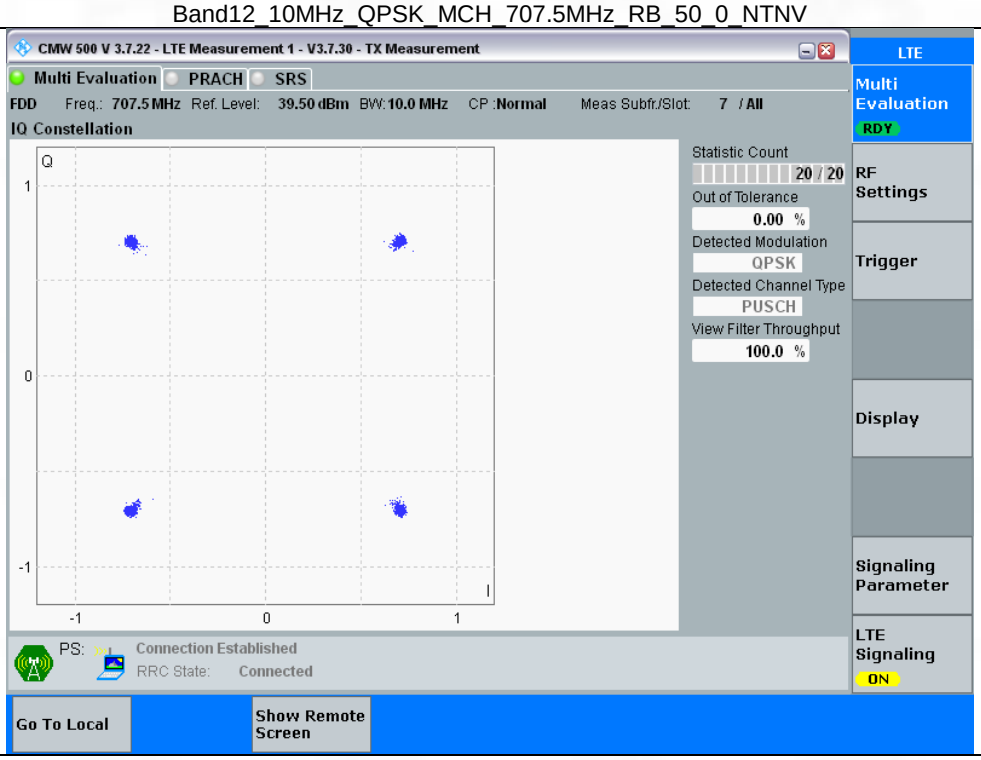
3.4 B12_10MHz

3.4.1 Test Result

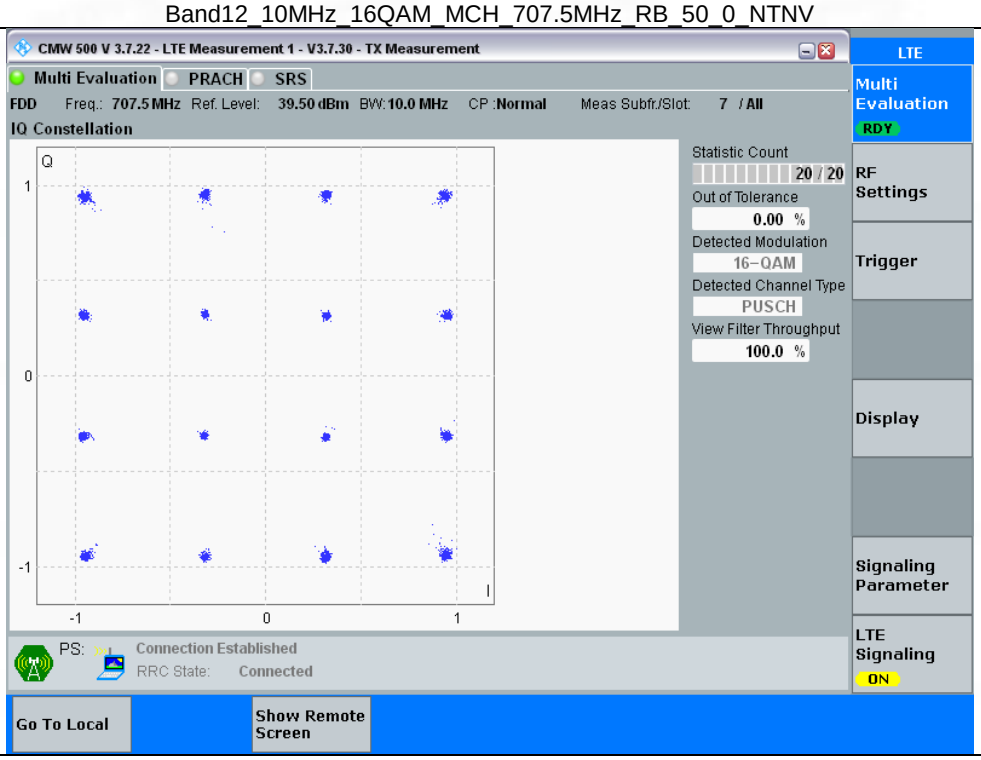
Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	707.5	50	0	Refer To Test Graph		Pass
16QAM	707.5	50	0	Refer To Test Graph		Pass

3.4.2 Test Graph

Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



4. 99% & 26dB Bandwidth

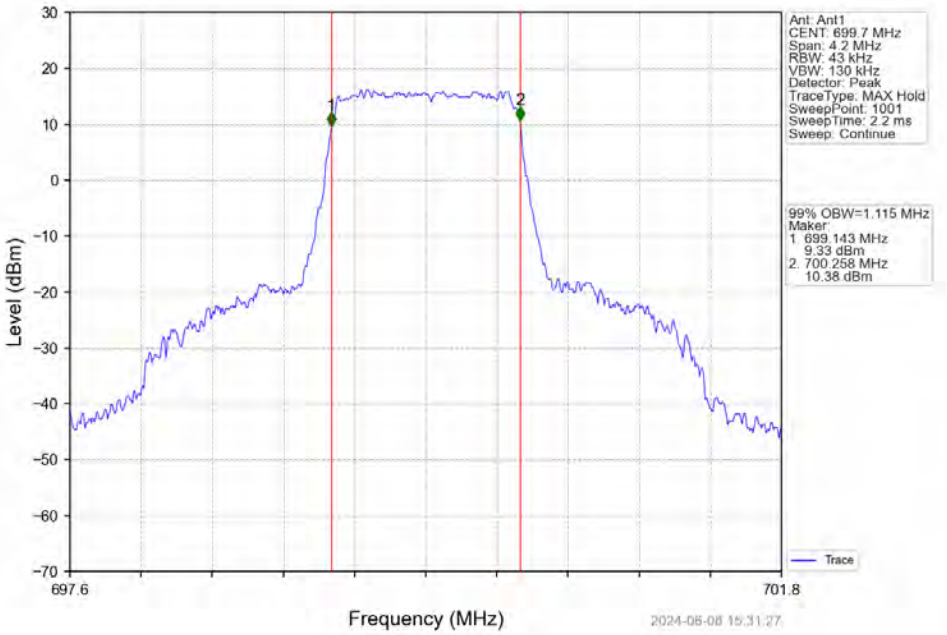
4.1 Band12_OBW

4.1.1 Test Result

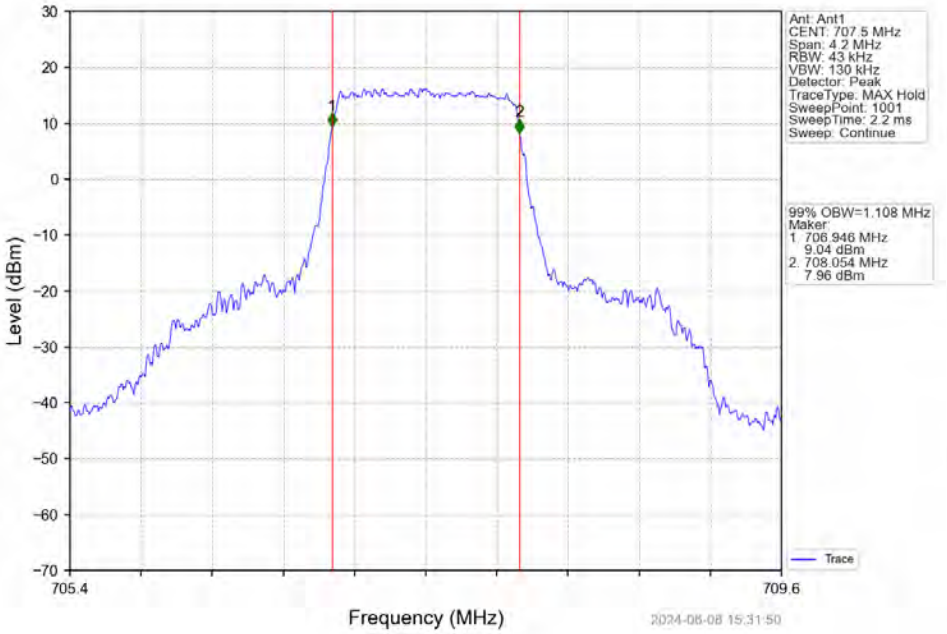
Band: 12 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	699.7	6	0	1.115	/	Pass
		707.5	6	0	1.108	/	Pass
		715.3	6	0	1.133	/	Pass
	16QAM	699.7	6	0	1.112	/	Pass
		707.5	6	0	1.105	/	Pass
		715.3	6	0	1.114	/	Pass
3	QPSK	700.5	15	0	2.727	/	Pass
		707.5	15	0	2.731	/	Pass
		714.5	15	0	2.725	/	Pass
	16QAM	700.5	15	0	2.712	/	Pass
		707.5	15	0	2.730	/	Pass
		714.5	15	0	2.716	/	Pass
5	QPSK	701.5	25	0	4.575	/	Pass
		707.5	25	0	4.558	/	Pass
		713.5	25	0	4.569	/	Pass
	16QAM	701.5	25	0	4.585	/	Pass
		707.5	25	0	4.590	/	Pass
		713.5	25	0	4.562	/	Pass
10	QPSK	704	50	0	9.110	/	Pass
		707.5	50	0	9.055	/	Pass
		711	50	0	9.096	/	Pass
	16QAM	704	50	0	9.096	/	Pass
		707.5	50	0	9.070	/	Pass
		711	50	0	9.067	/	Pass

4.1.2 Test Graph

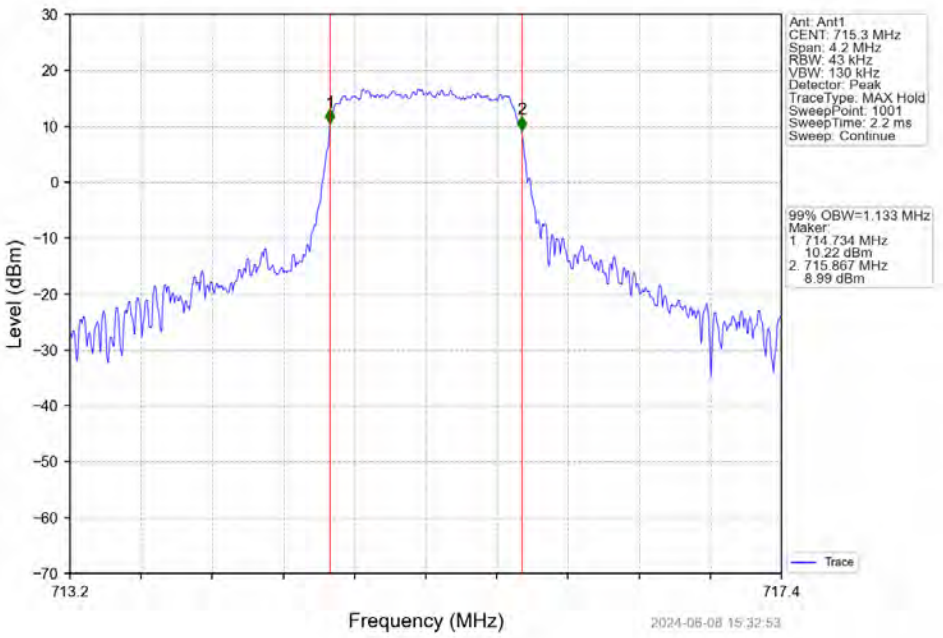
Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV



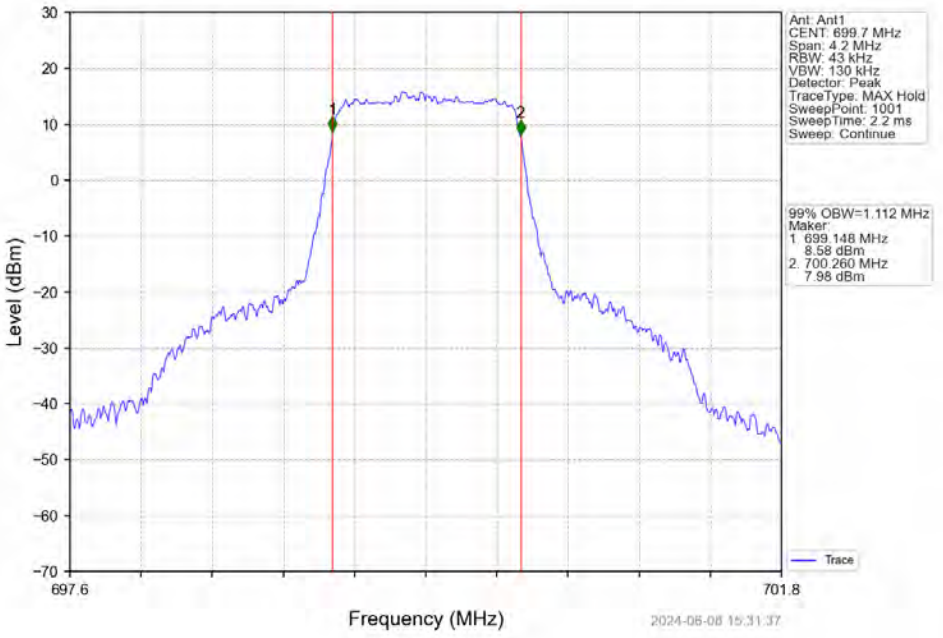
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_6_0_NTNV



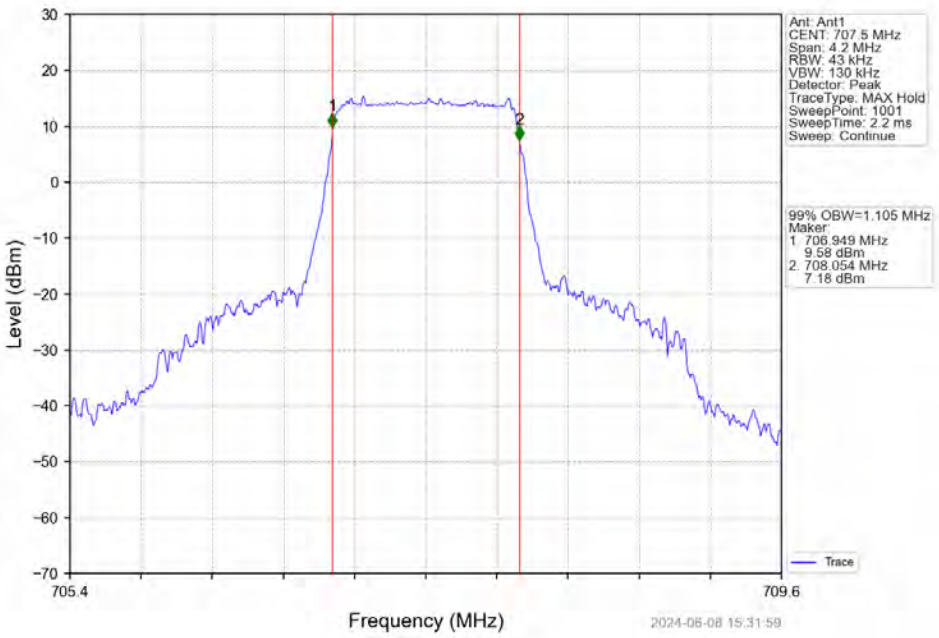
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



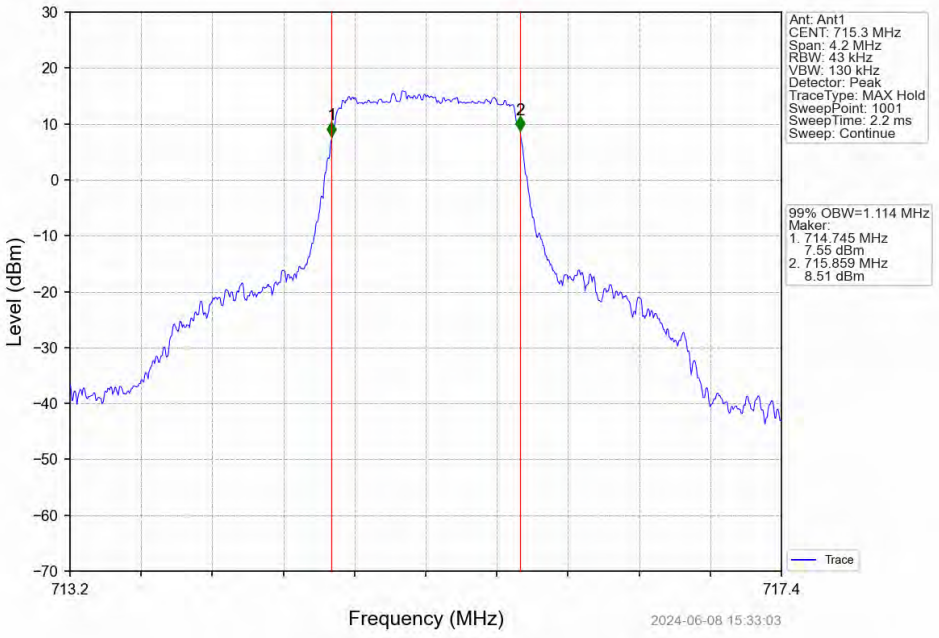
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



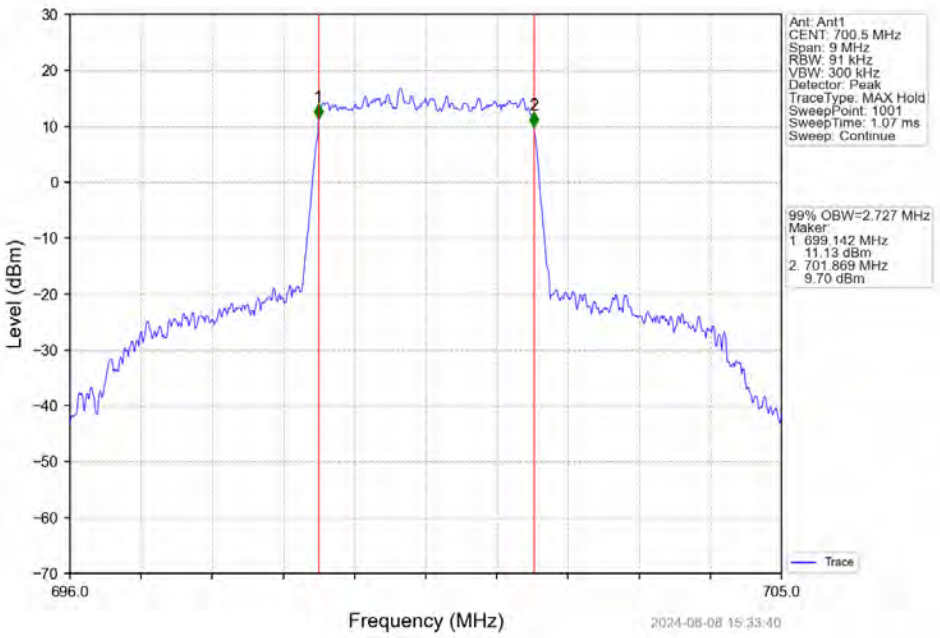
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



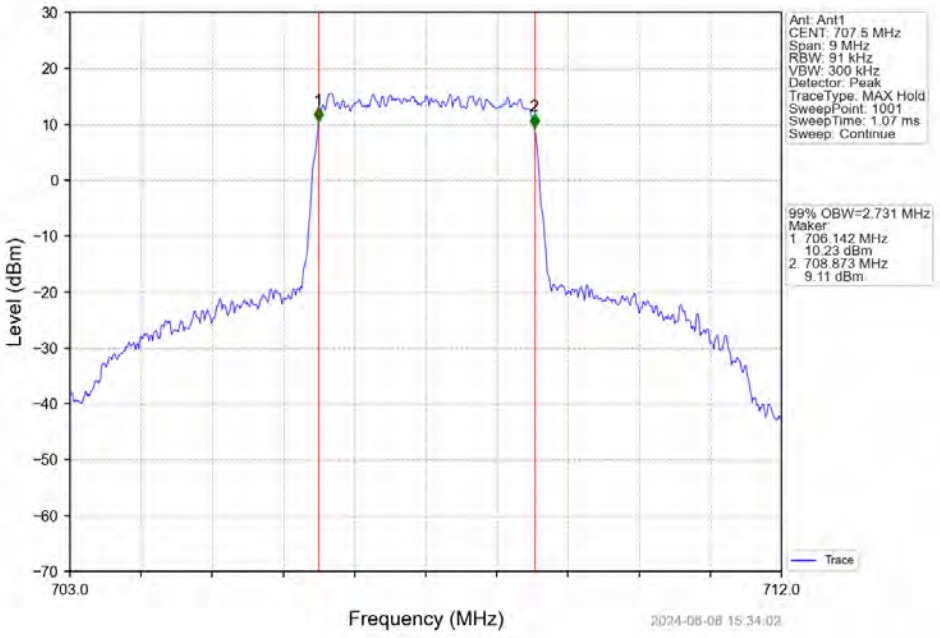
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



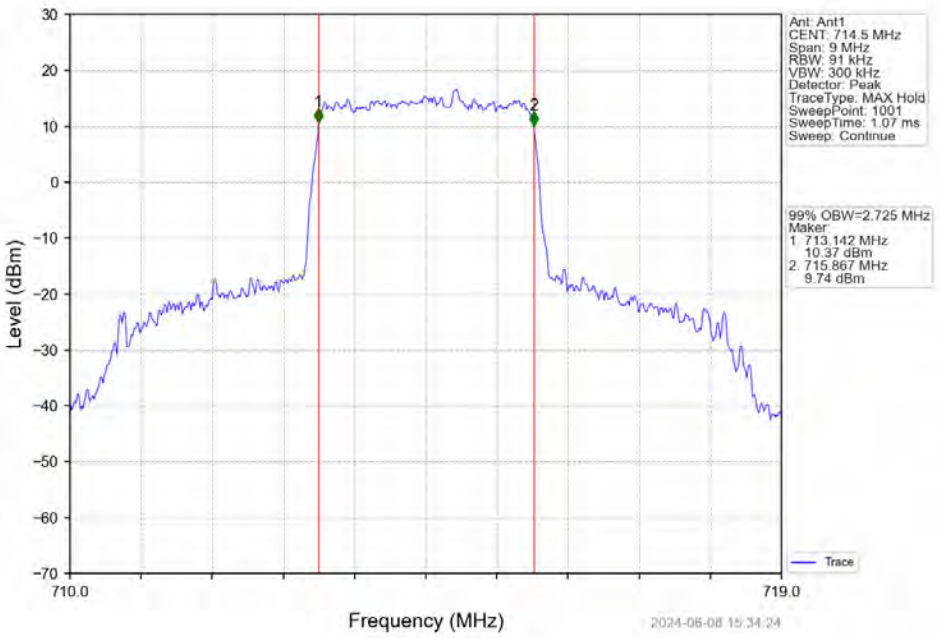
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



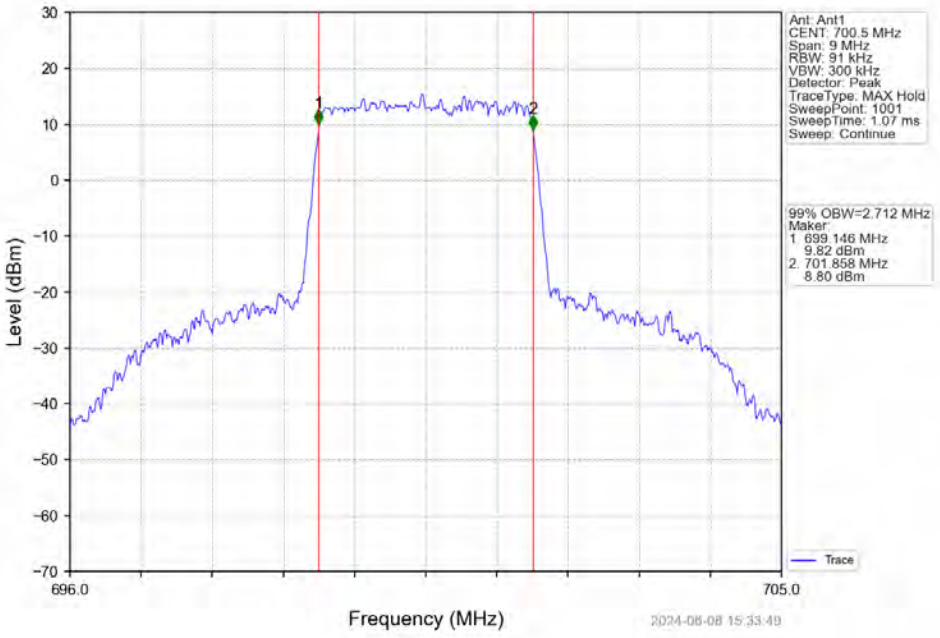
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



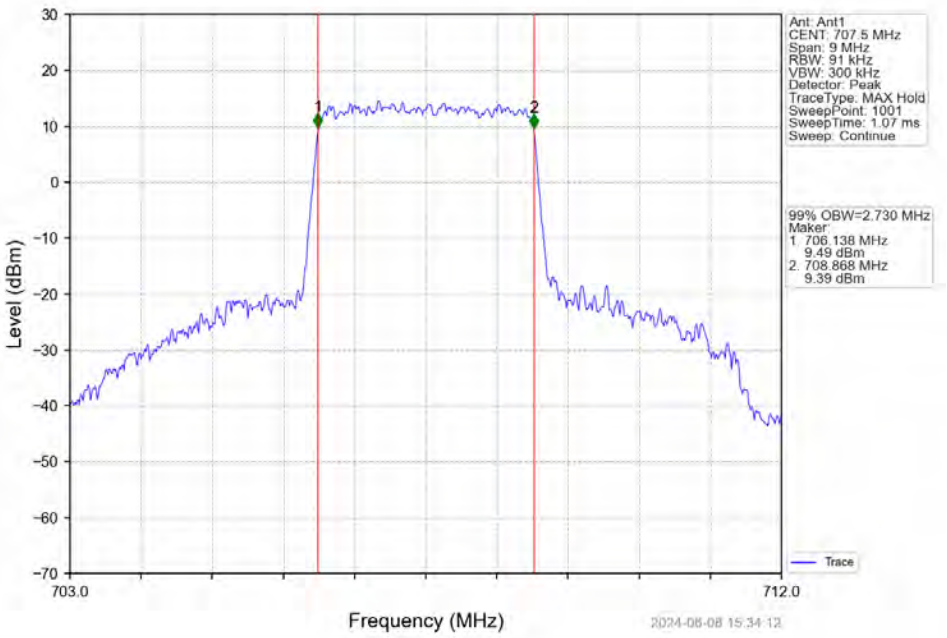
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



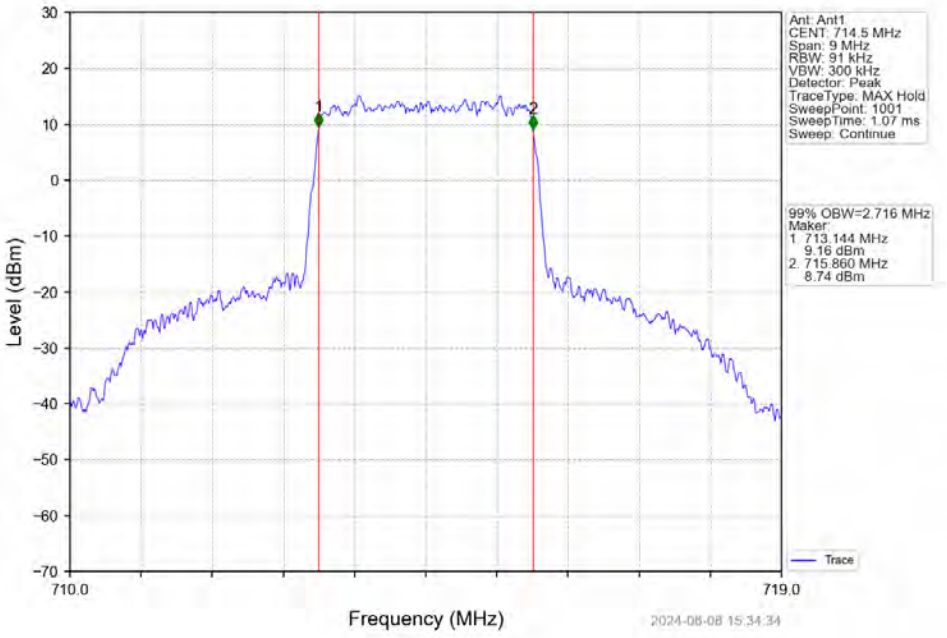
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



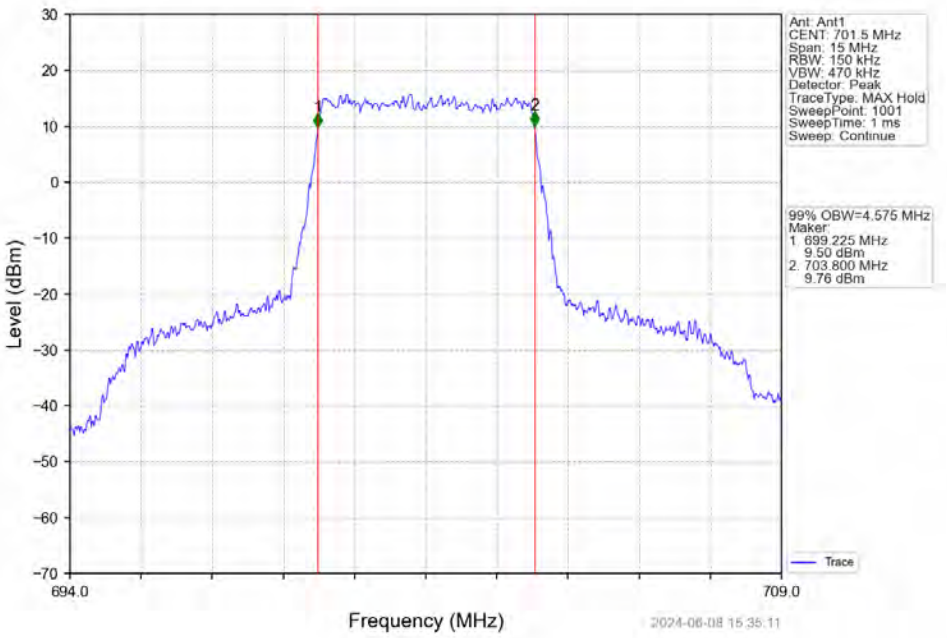
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



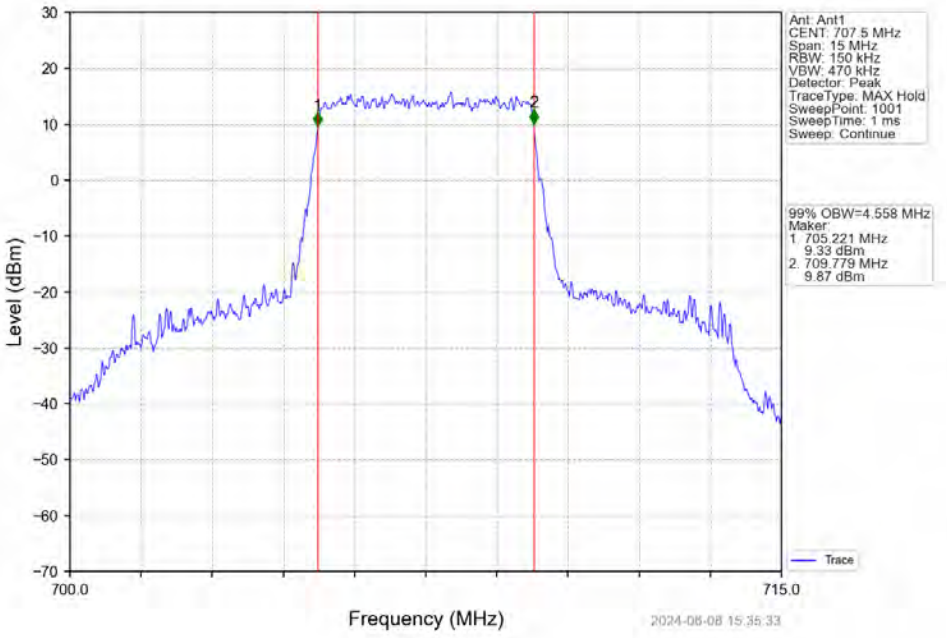
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



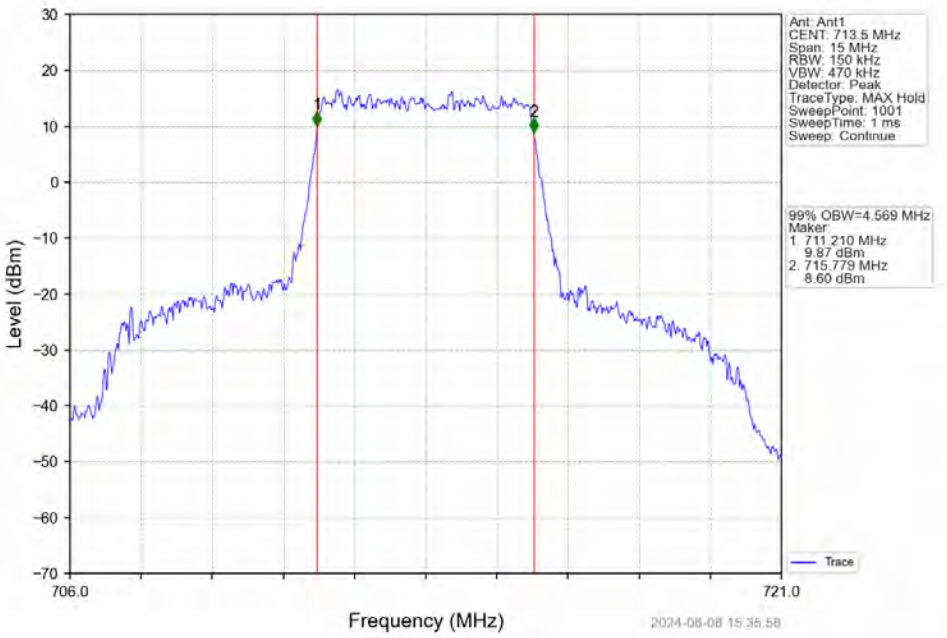
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



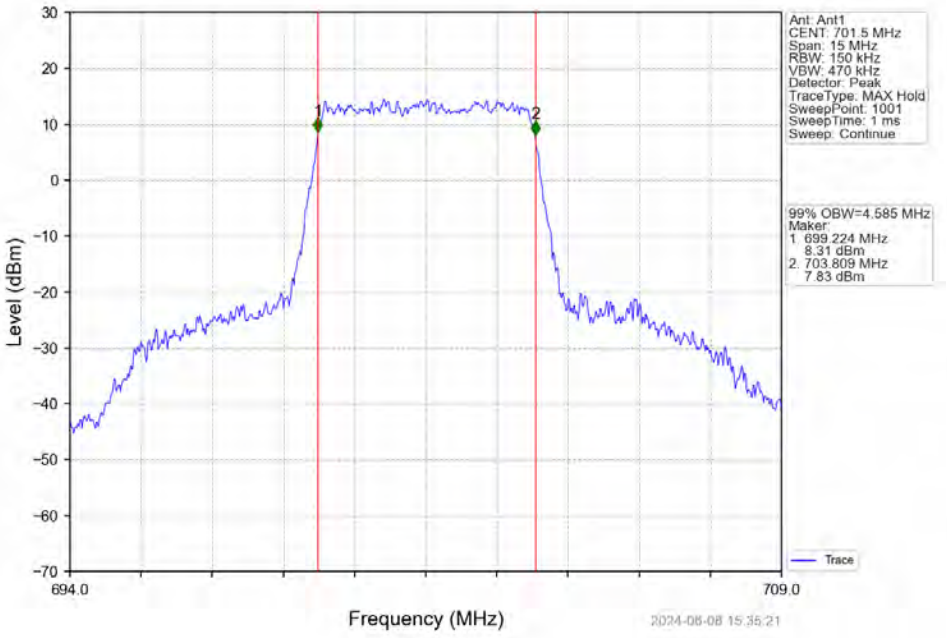
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



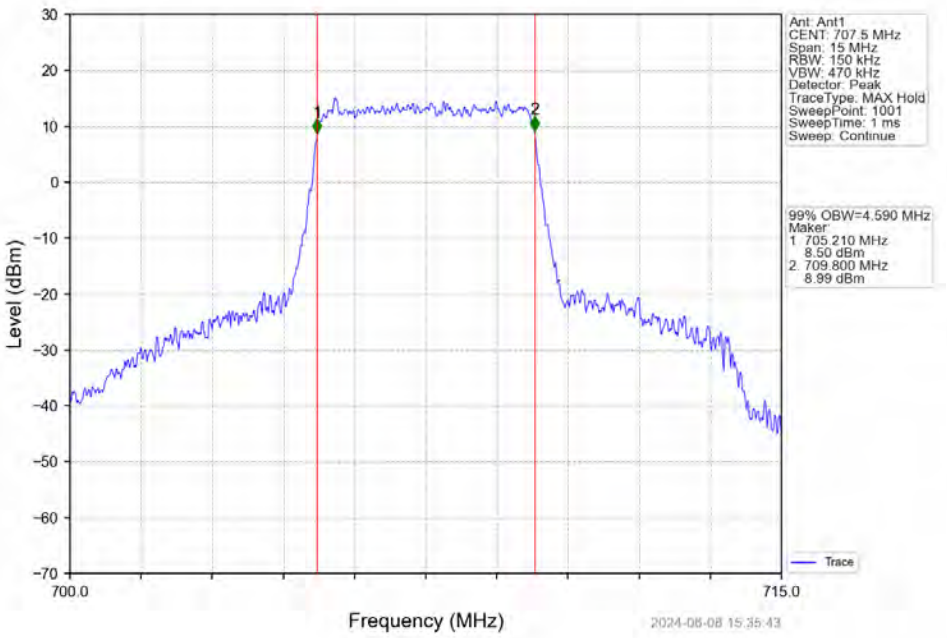
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



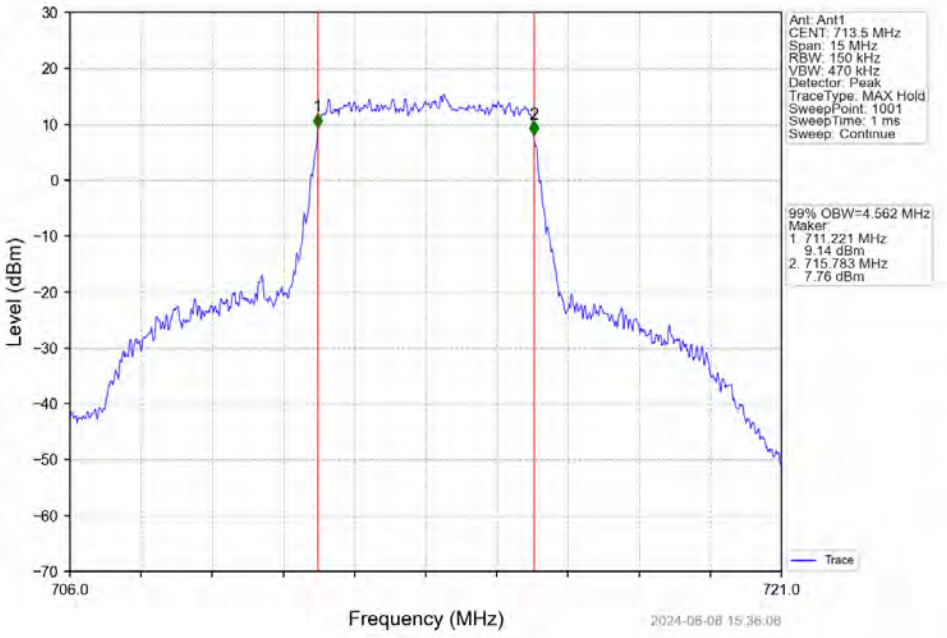
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



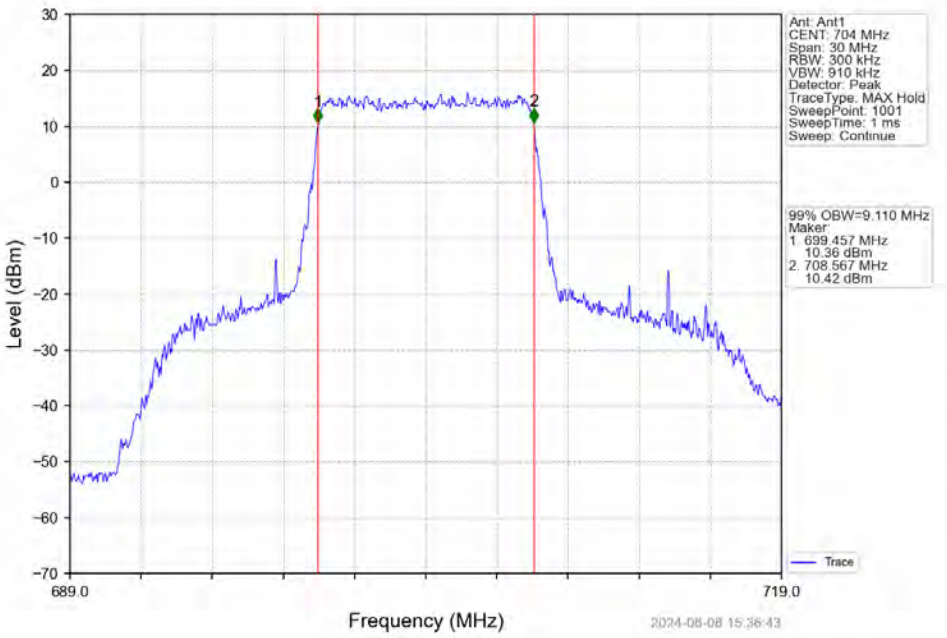
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



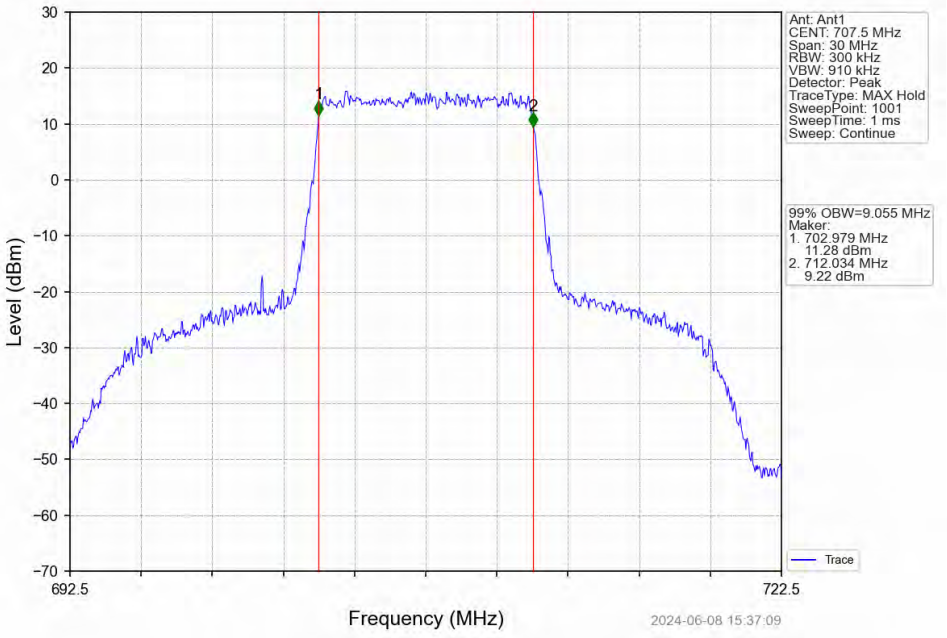
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



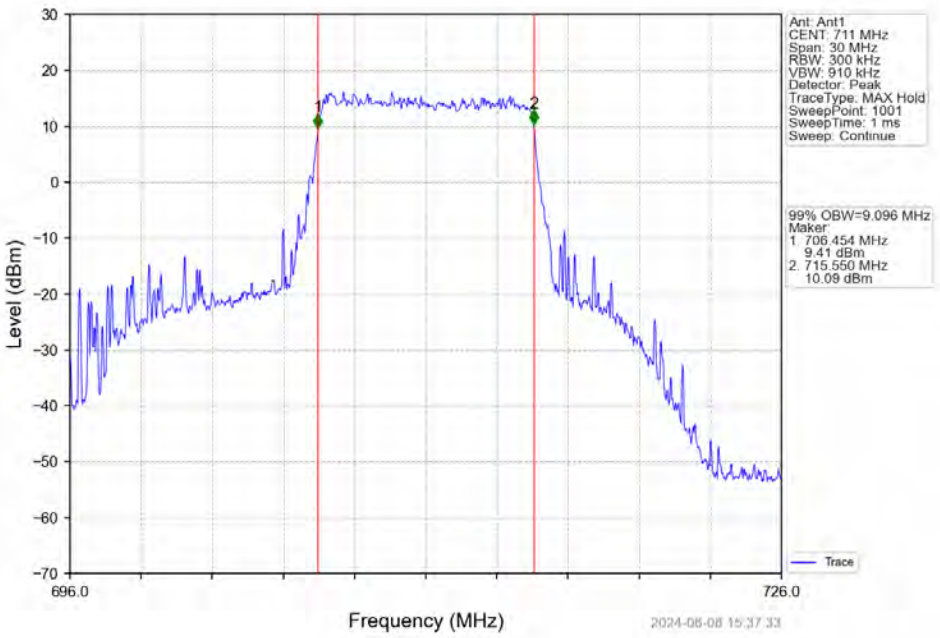
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



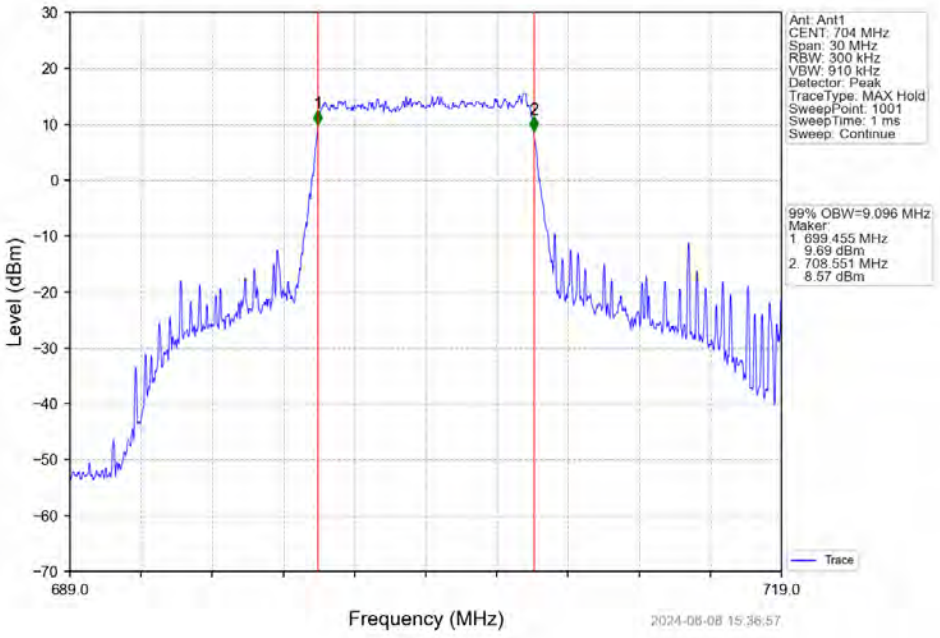
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



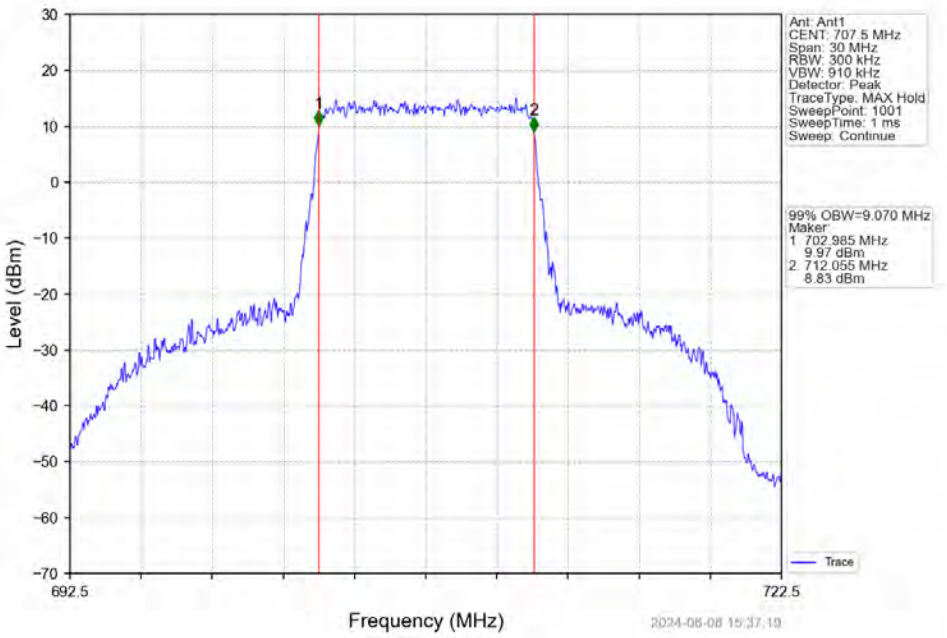
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



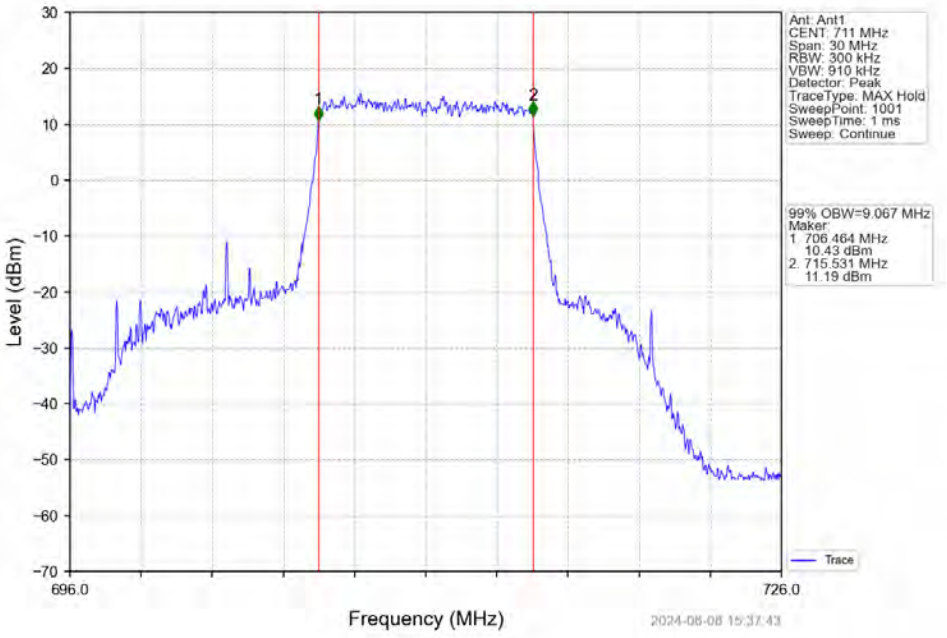
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



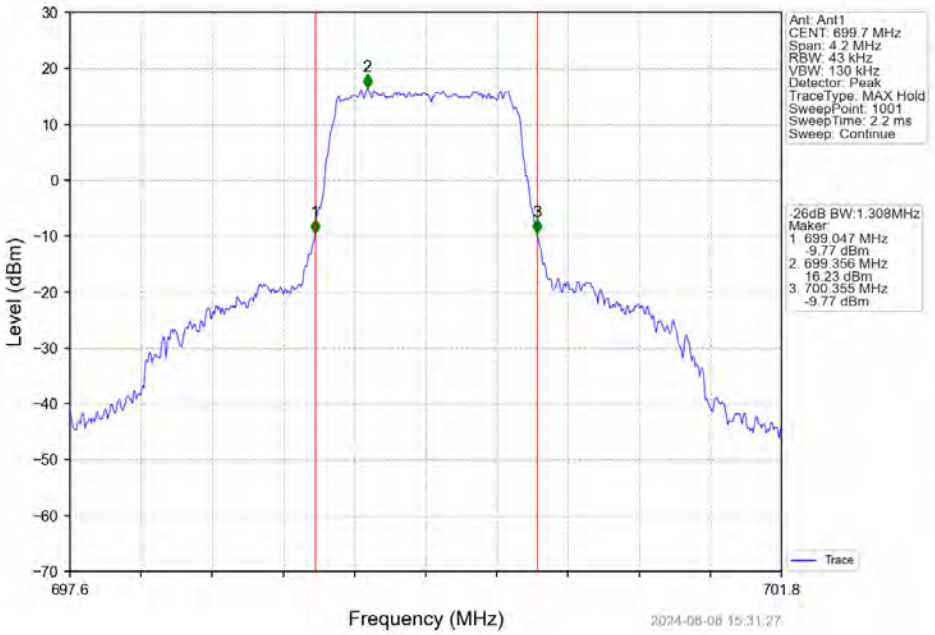
4.2 Band12_XDB

4.2.1 Test Result

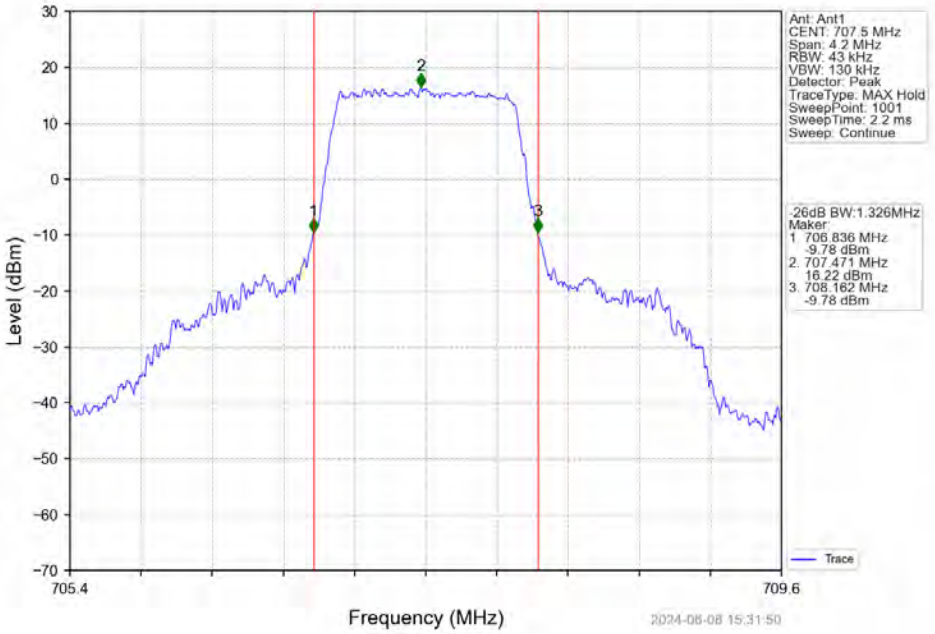
Band: 12 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	699.7	6	0	1.308	/	Pass
		707.5	6	0	1.326	/	Pass
		715.3	6	0	1.391	/	Pass
	16QAM	699.7	6	0	1.323	/	Pass
		707.5	6	0	1.307	/	Pass
		715.3	6	0	1.334	/	Pass
3	QPSK	700.5	15	0	2.995	/	Pass
		707.5	15	0	2.995	/	Pass
		714.5	15	0	2.989	/	Pass
	16QAM	700.5	15	0	3.000	/	Pass
		707.5	15	0	2.999	/	Pass
		714.5	15	0	2.990	/	Pass
5	QPSK	701.5	25	0	5.288	/	Pass
		707.5	25	0	5.211	/	Pass
		713.5	25	0	5.240	/	Pass
	16QAM	701.5	25	0	5.271	/	Pass
		707.5	25	0	5.238	/	Pass
		713.5	25	0	5.223	/	Pass
10	QPSK	704	50	0	10.291	/	Pass
		707.5	50	0	10.285	/	Pass
		711	50	0	11.916	/	Pass
	16QAM	704	50	0	10.618	/	Pass
		707.5	50	0	10.228	/	Pass
		711	50	0	10.243	/	Pass

4.2.2 Test Graph

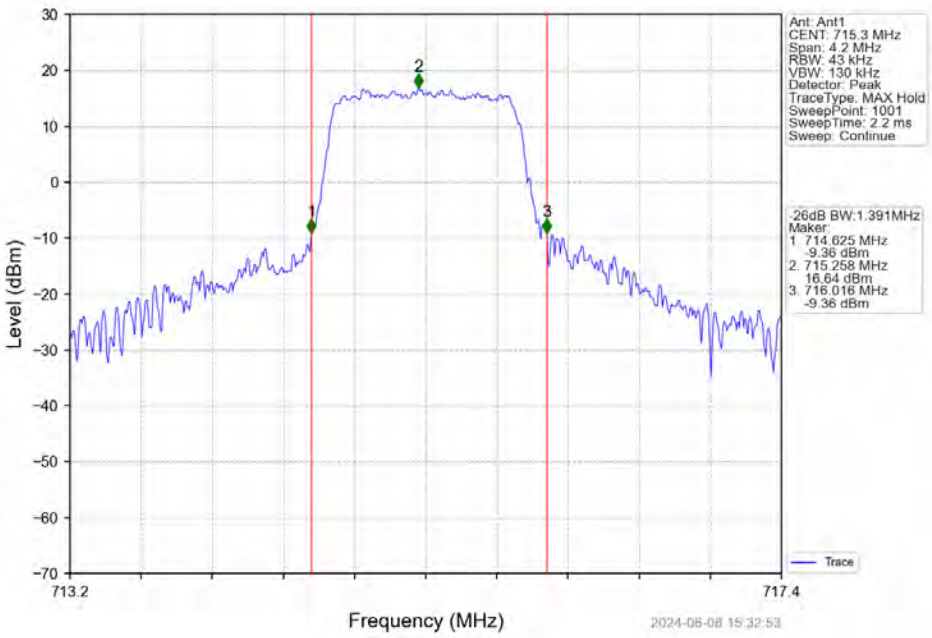
Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV



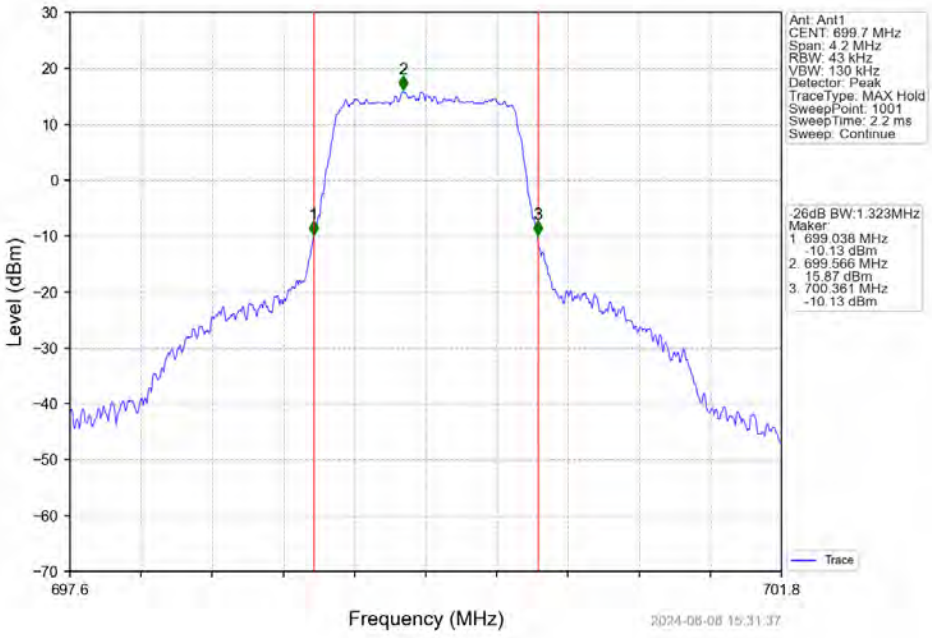
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_6_0_NTNV



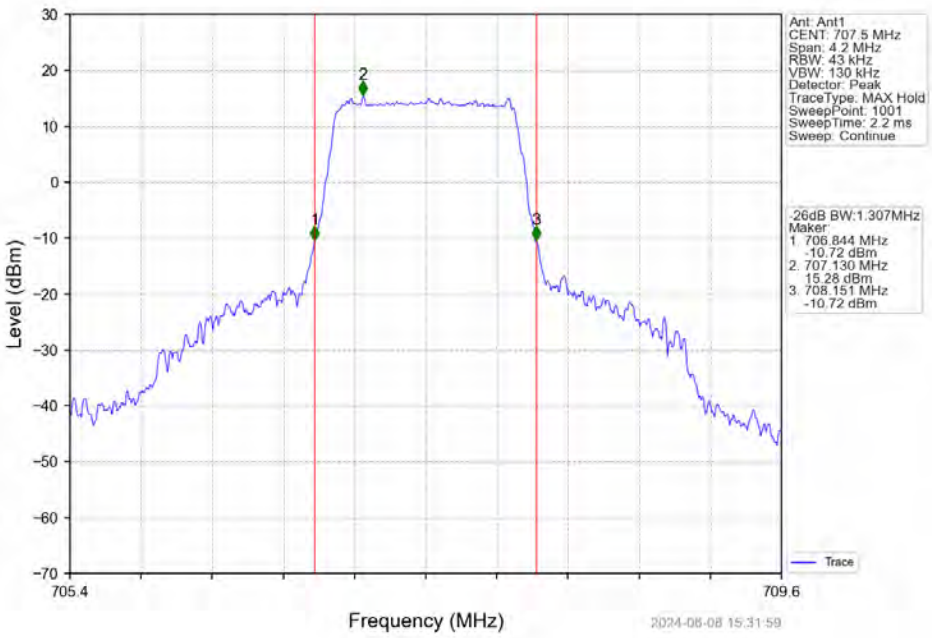
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



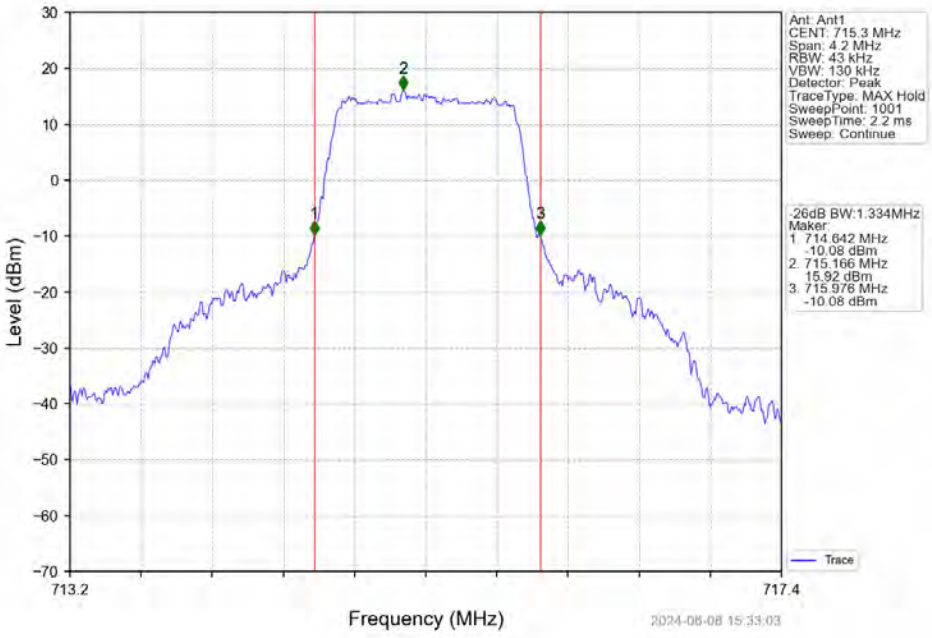
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



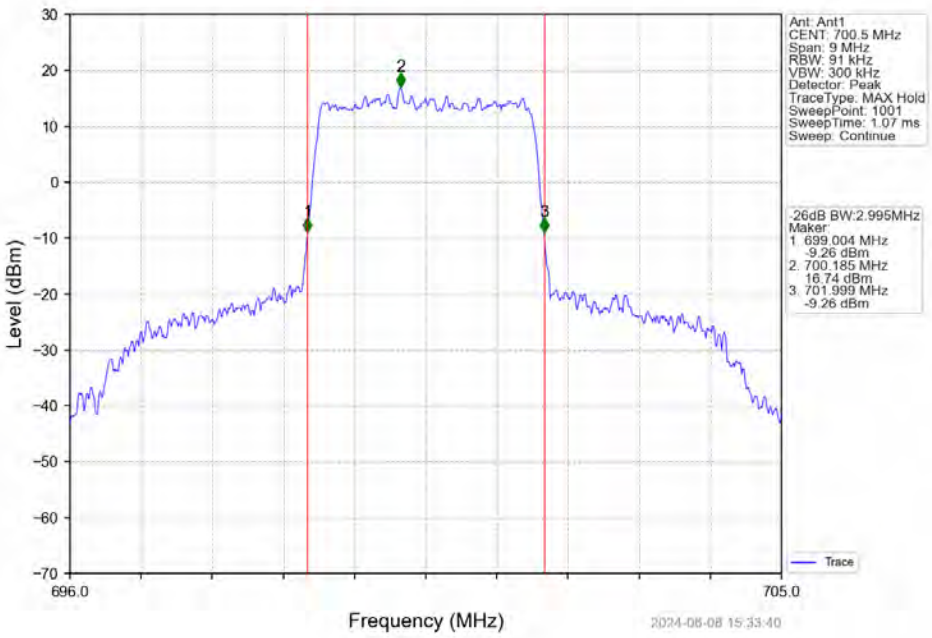
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



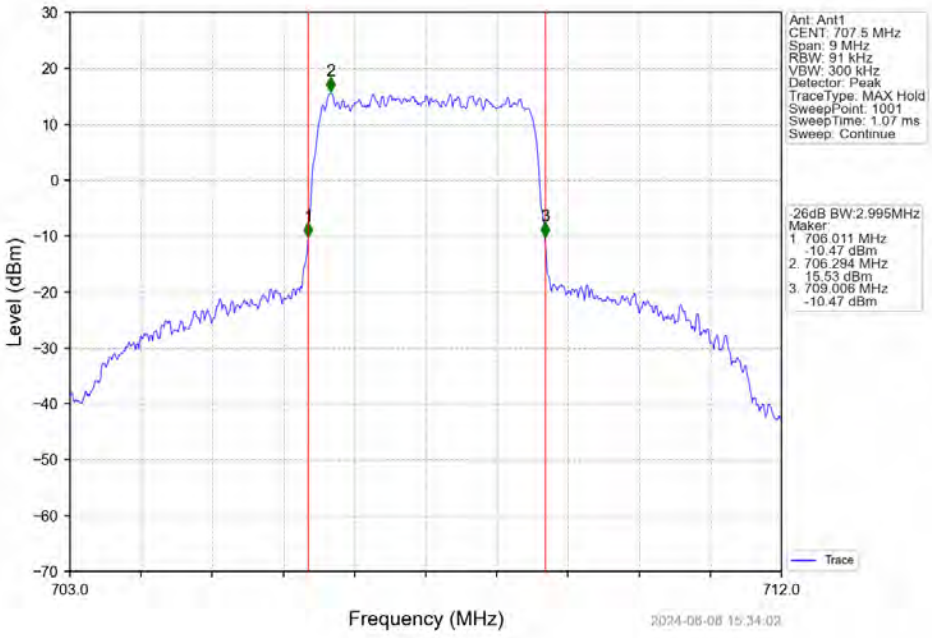
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



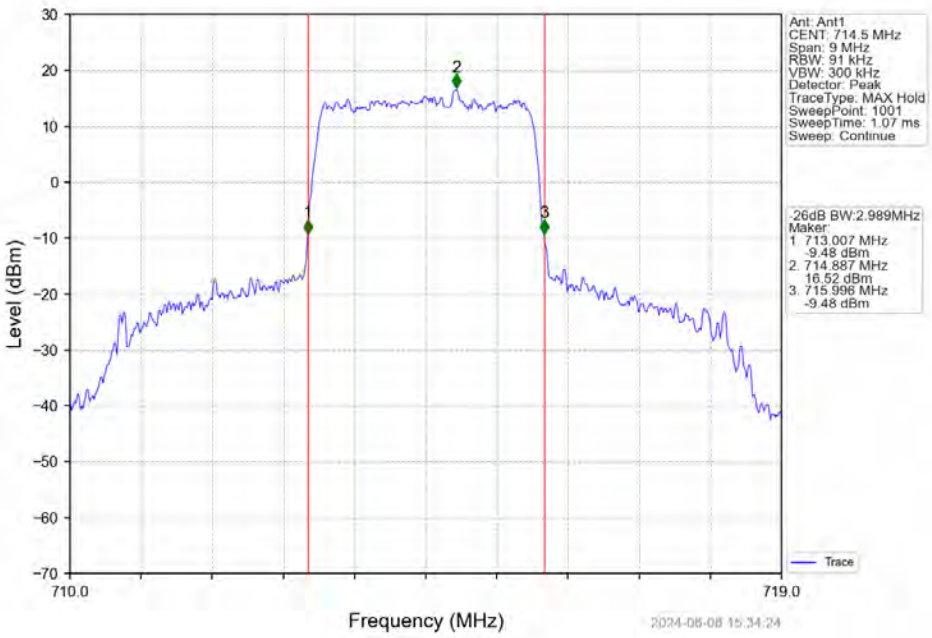
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



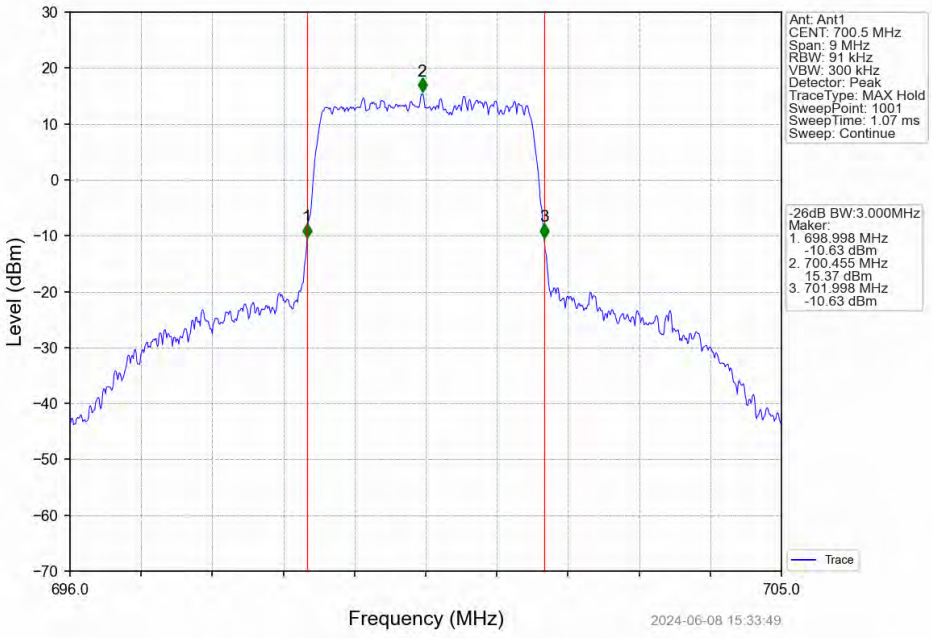
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



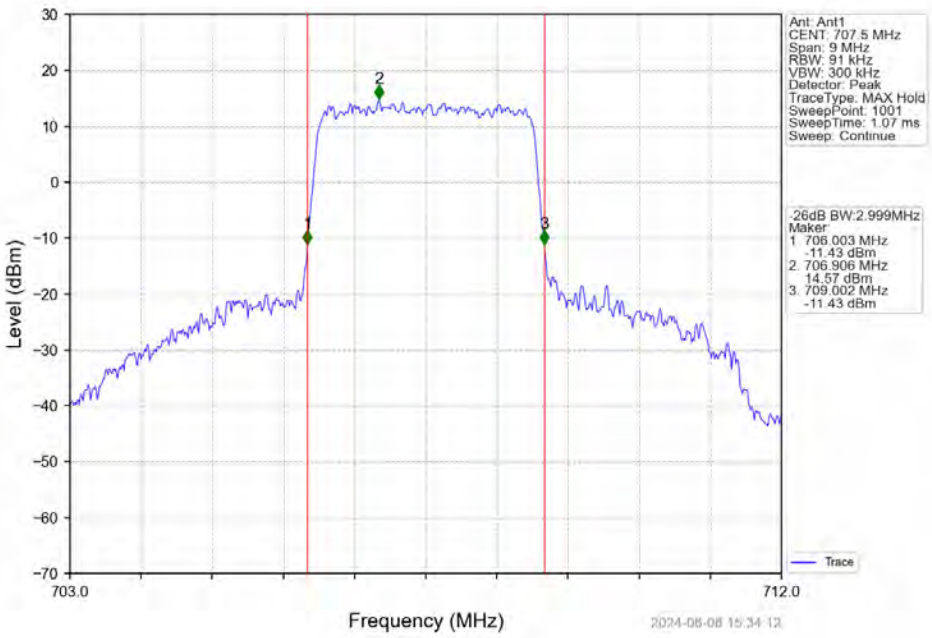
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



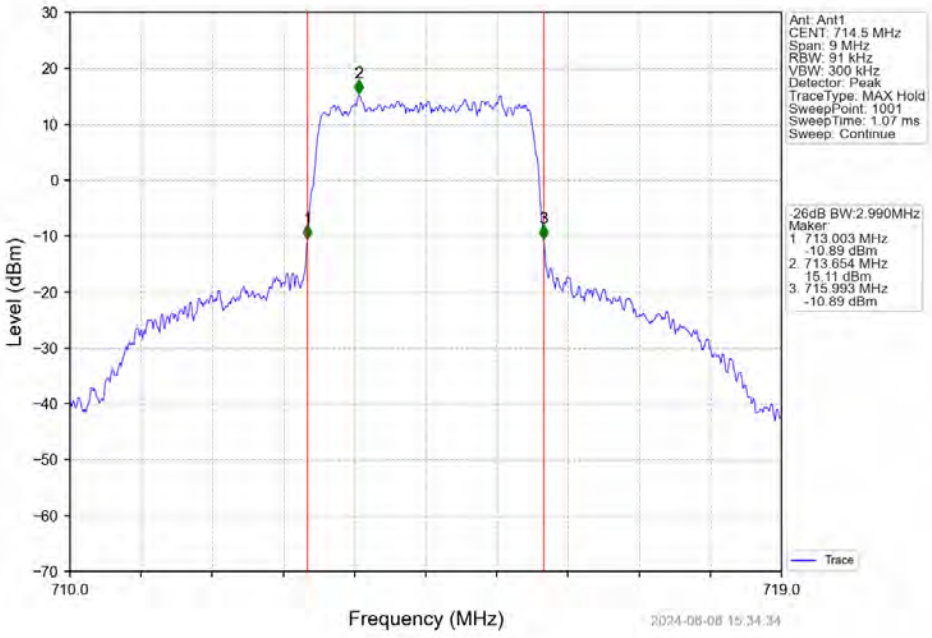
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



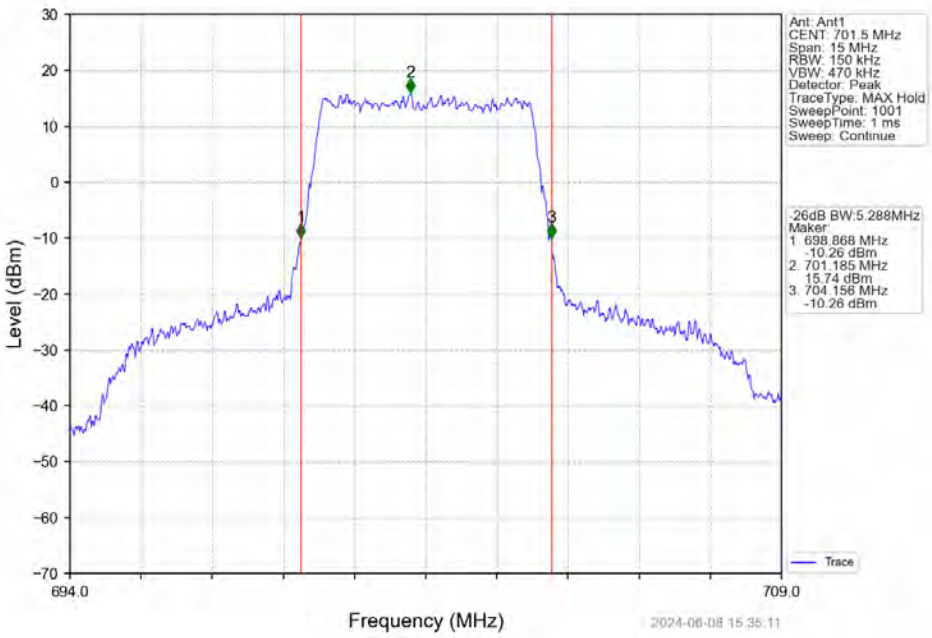
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



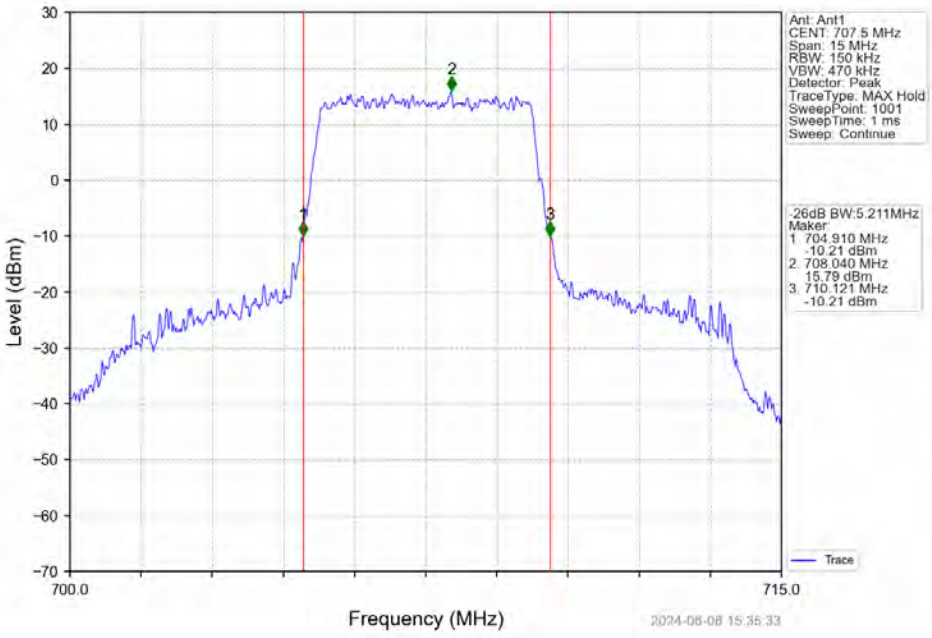
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



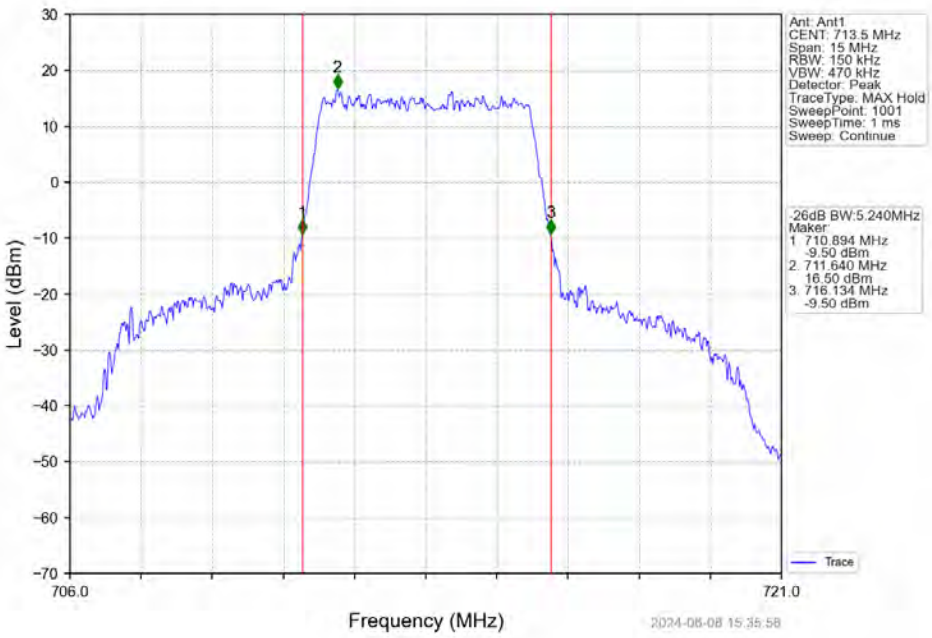
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



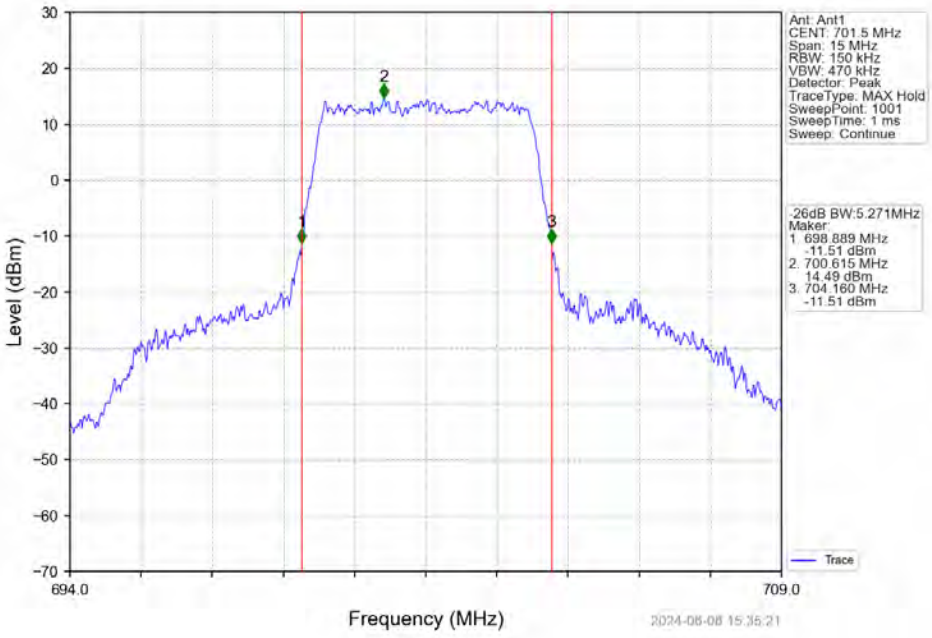
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



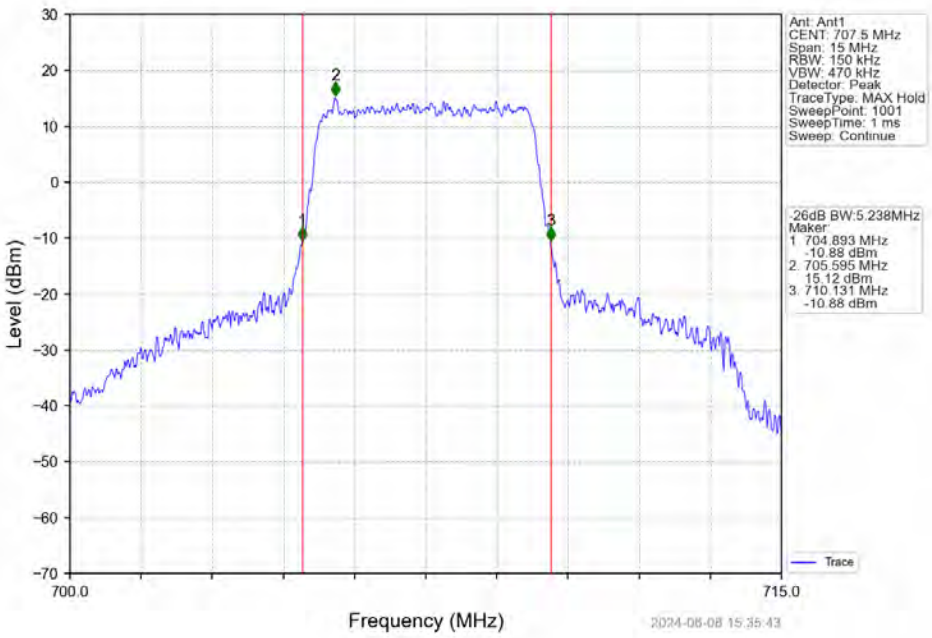
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



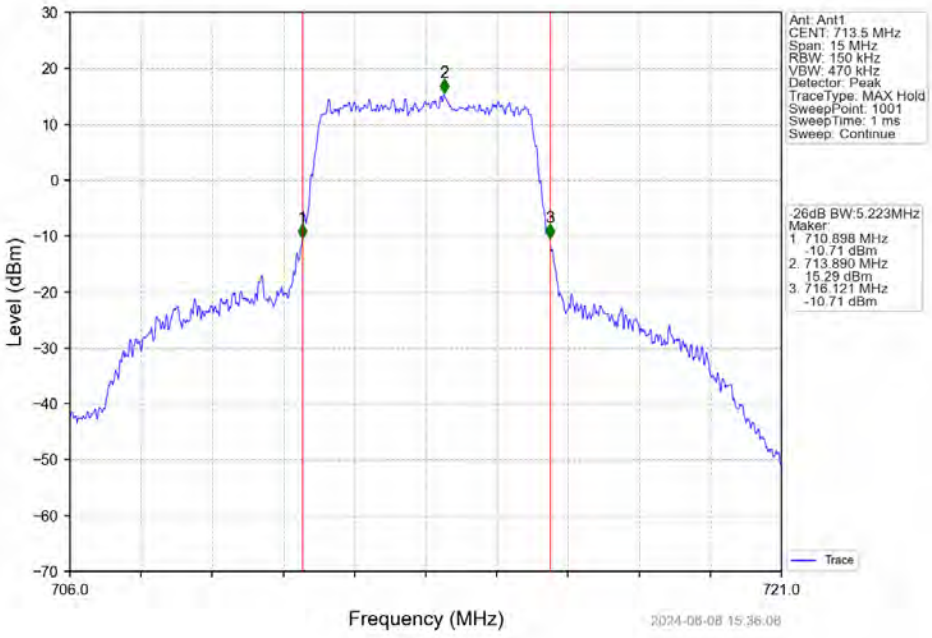
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



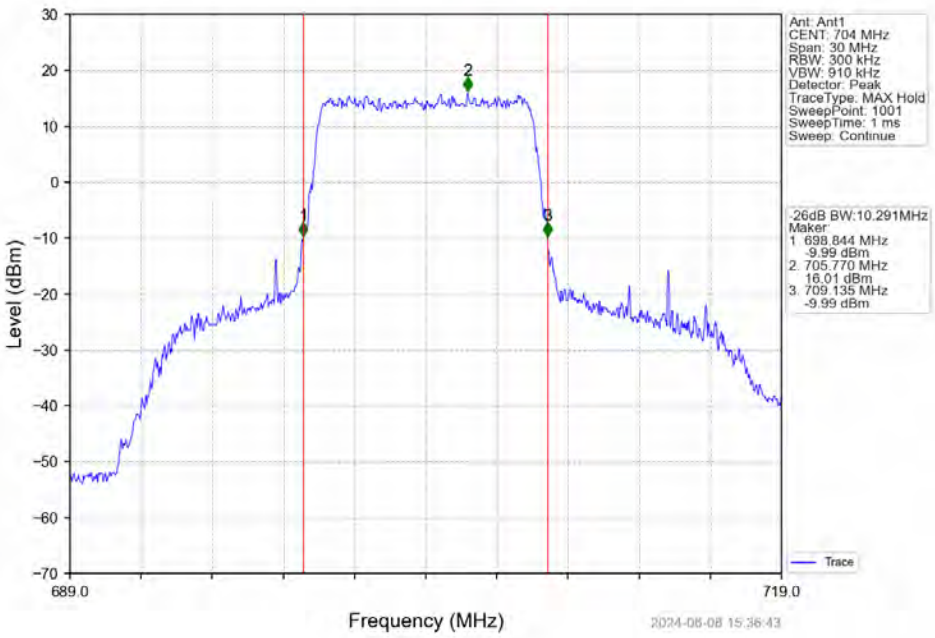
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



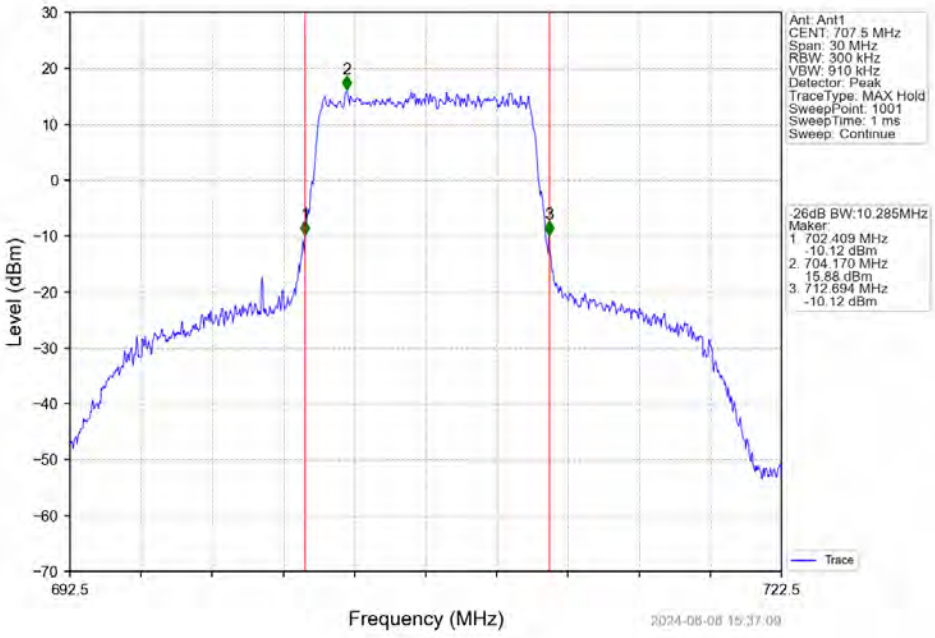
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



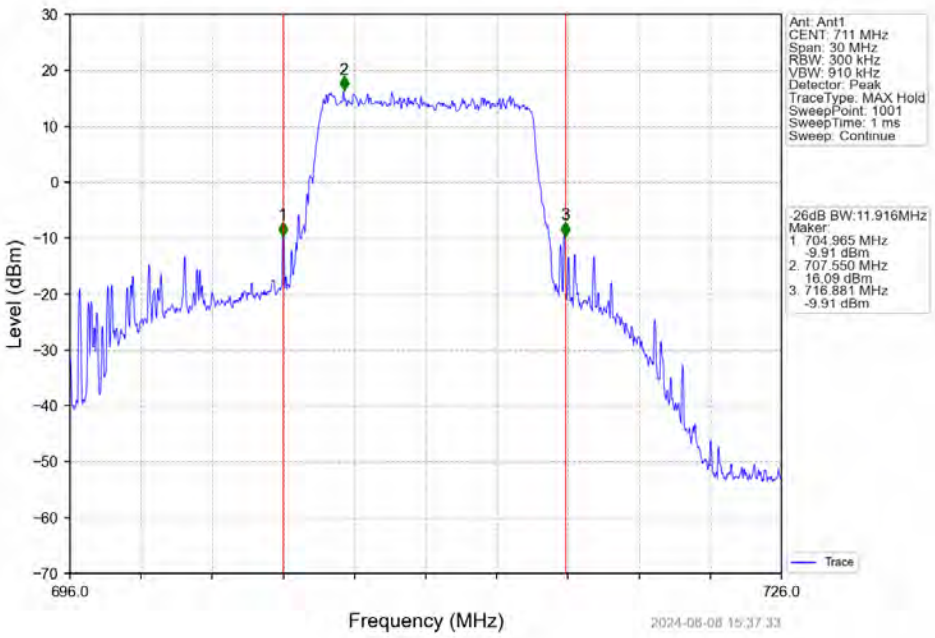
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



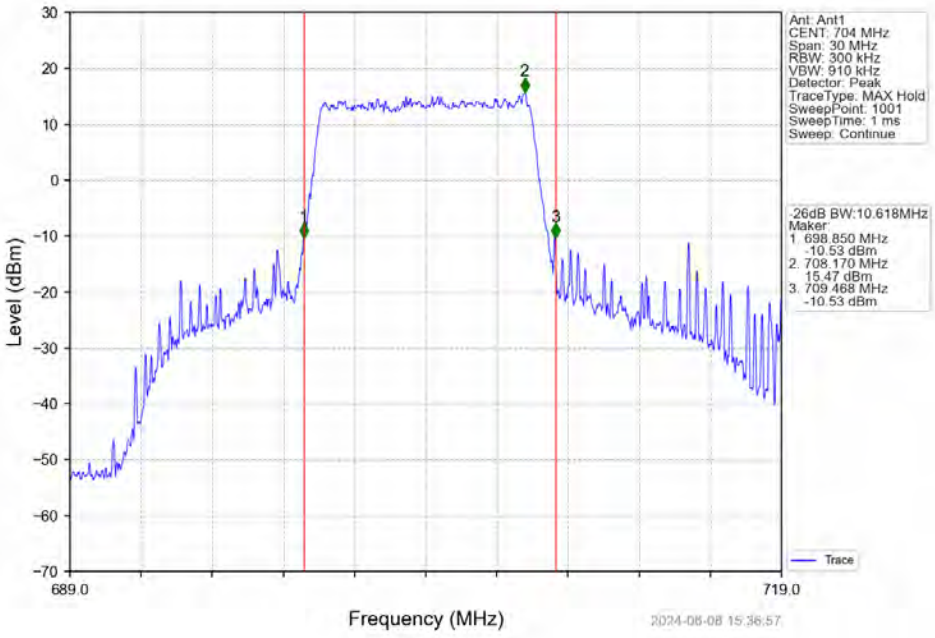
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



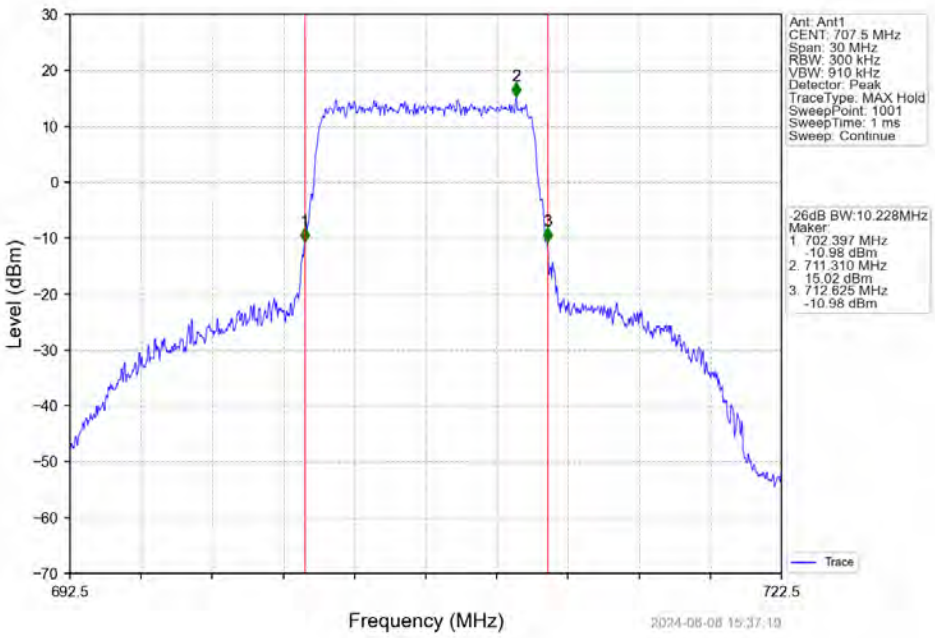
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



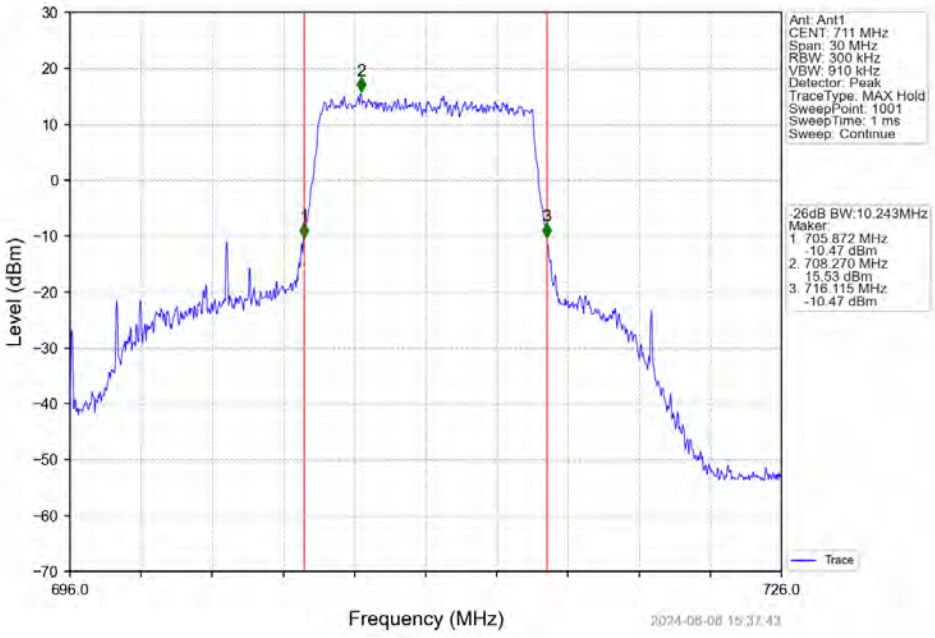
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



5. Peak-Average Ratio

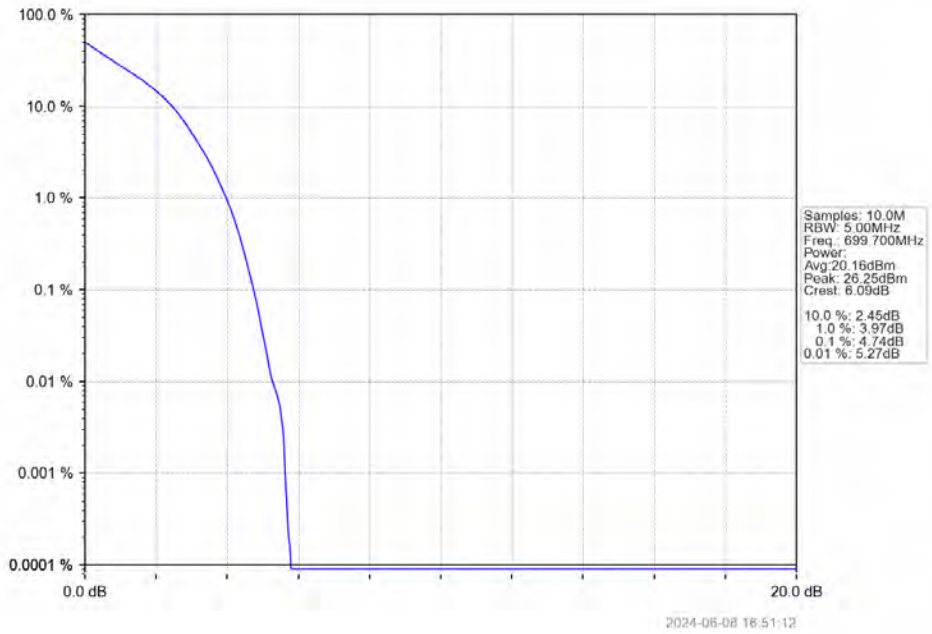
5.1 B12_1.4MHz

5.1.1 Test Result

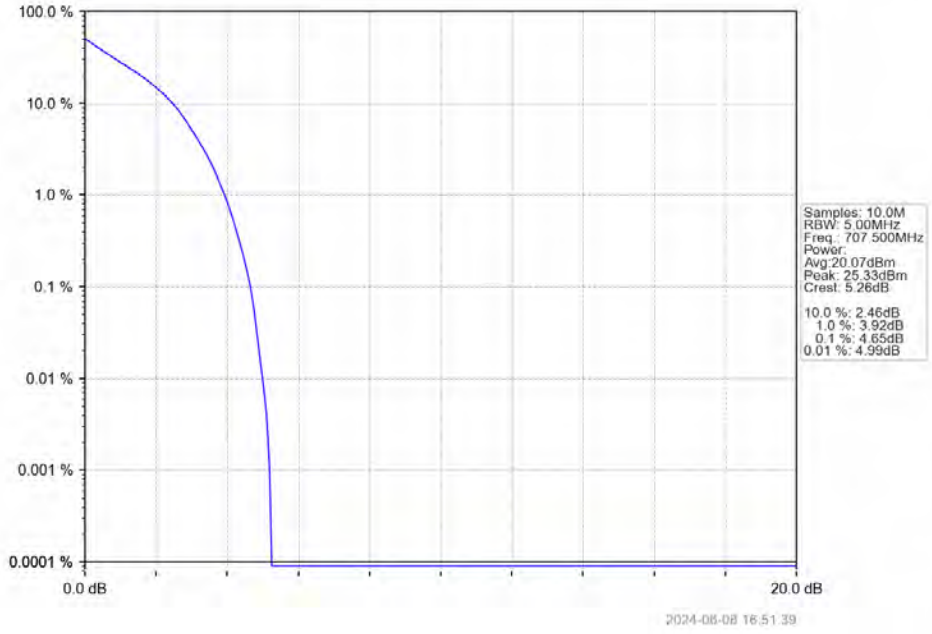
Band: 12 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	699.7	6	0	4.74	<=13	Pass
	707.5	6	0	4.65	<=13	Pass
	715.3	6	0	4.21	<=13	Pass
16QAM	699.7	6	0	5.53	<=13	Pass
	707.5	6	0	5.47	<=13	Pass
	715.3	6	0	5.08	<=13	Pass

5.1.2 Test Graph

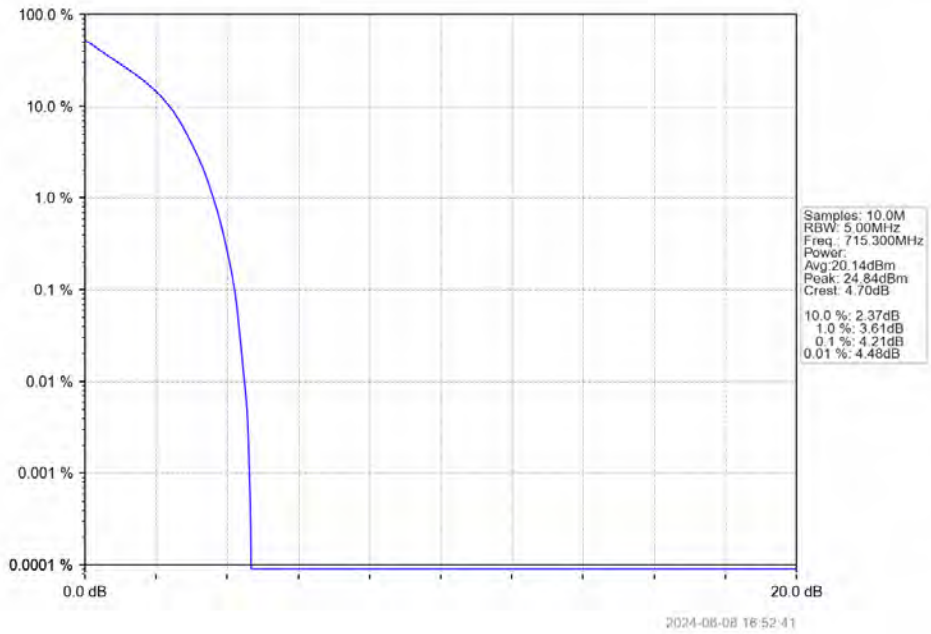
Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV



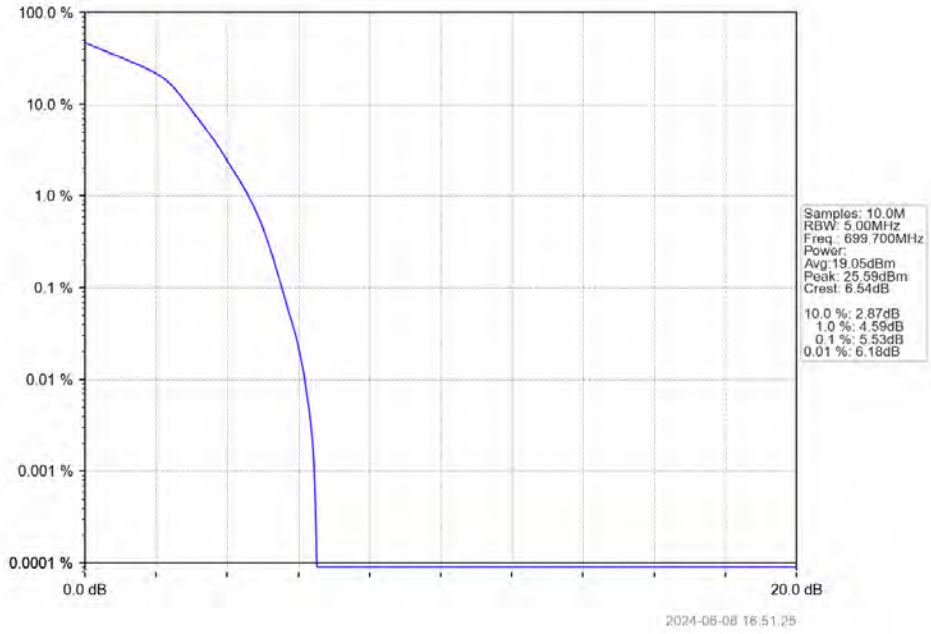
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_6_0_NTNV



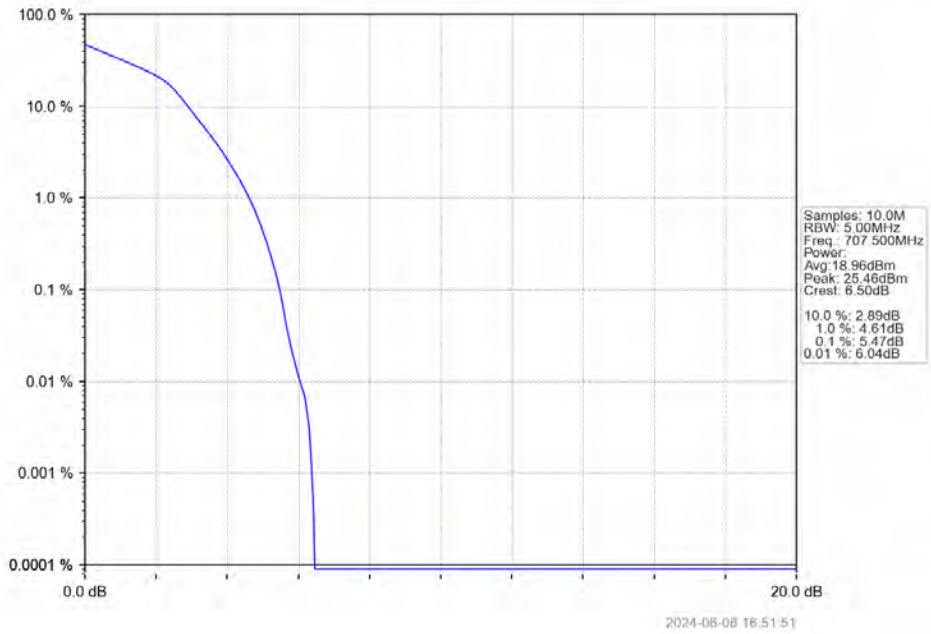
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



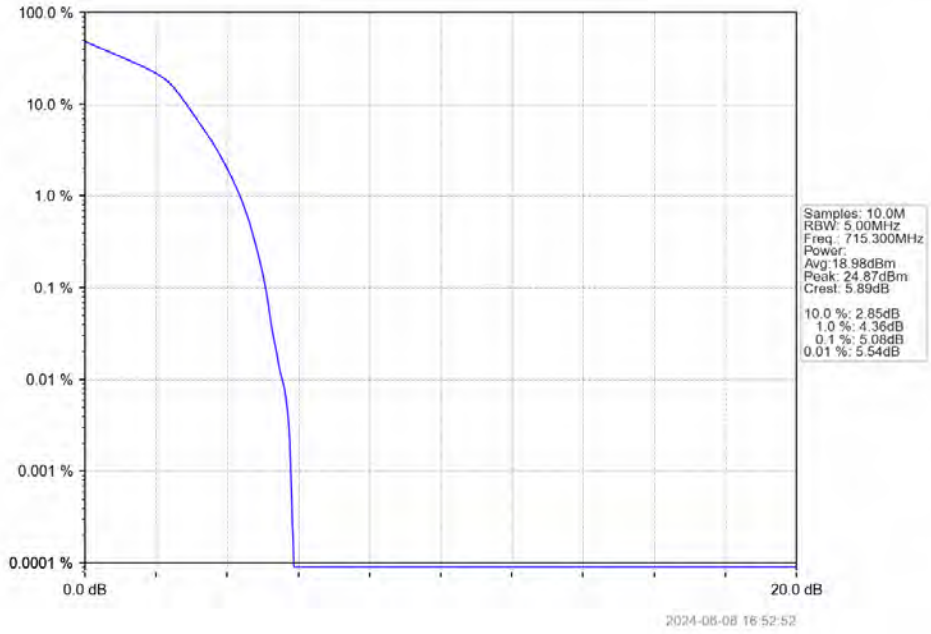
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



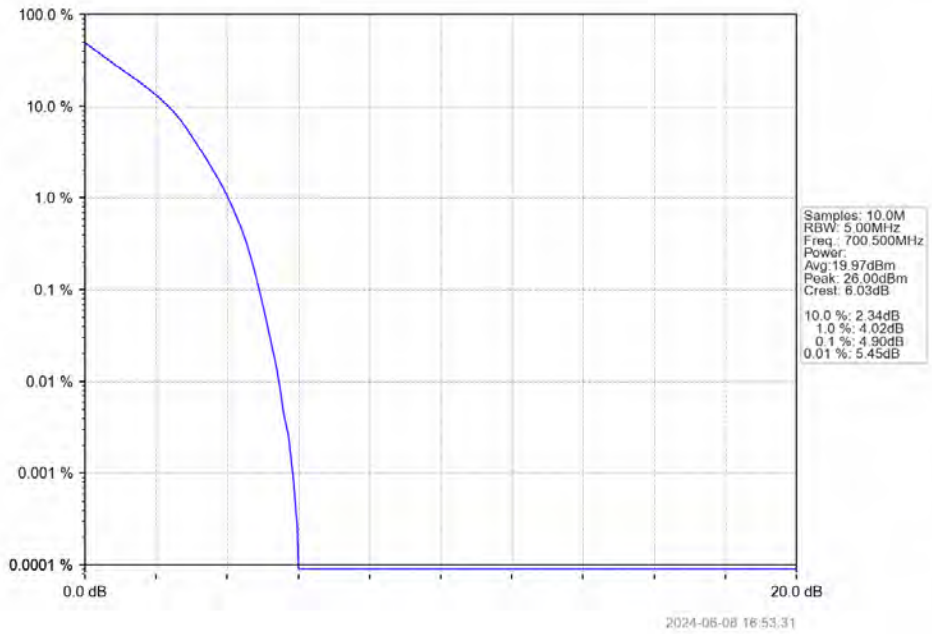
5.2 B12_3MHz

5.2.1 Test Result

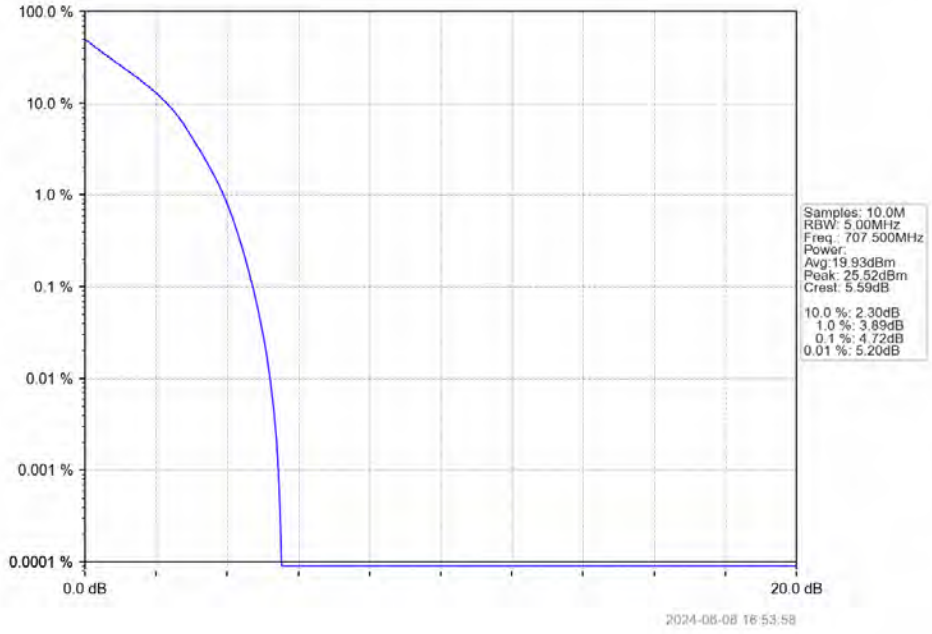
Band: 12 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	700.5	15	0	4.90	<=13	Pass
	707.5	15	0	4.72	<=13	Pass
	714.5	15	0	4.56	<=13	Pass
16QAM	700.5	15	0	5.72	<=13	Pass
	707.5	15	0	5.60	<=13	Pass
	714.5	15	0	5.43	<=13	Pass

5.2.2 Test Graph

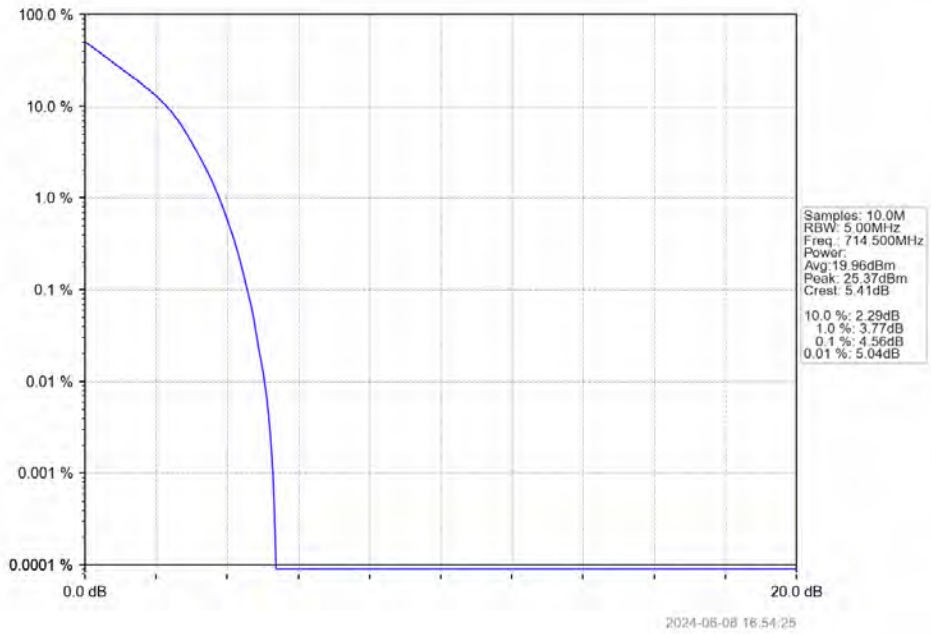
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



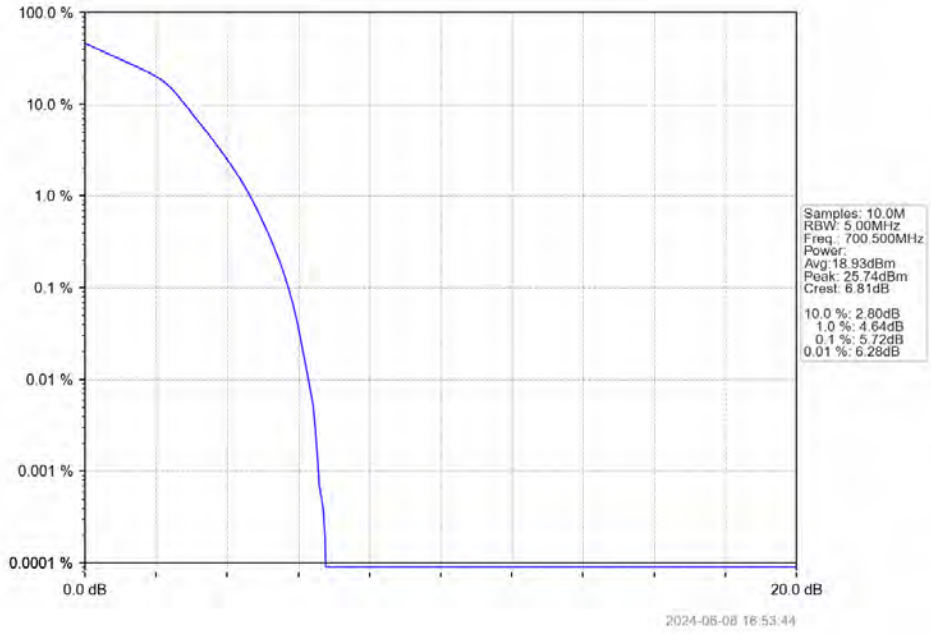
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



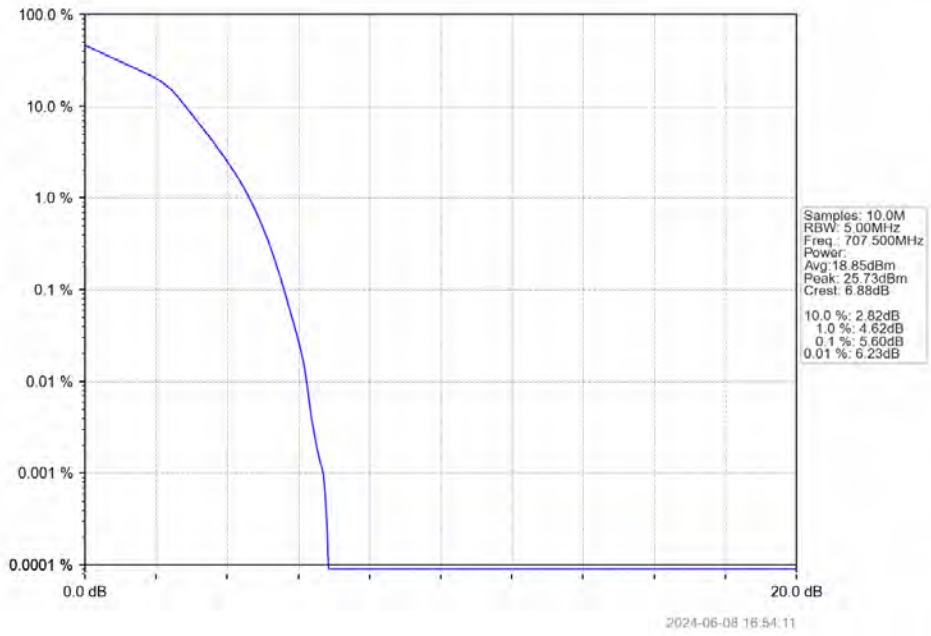
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



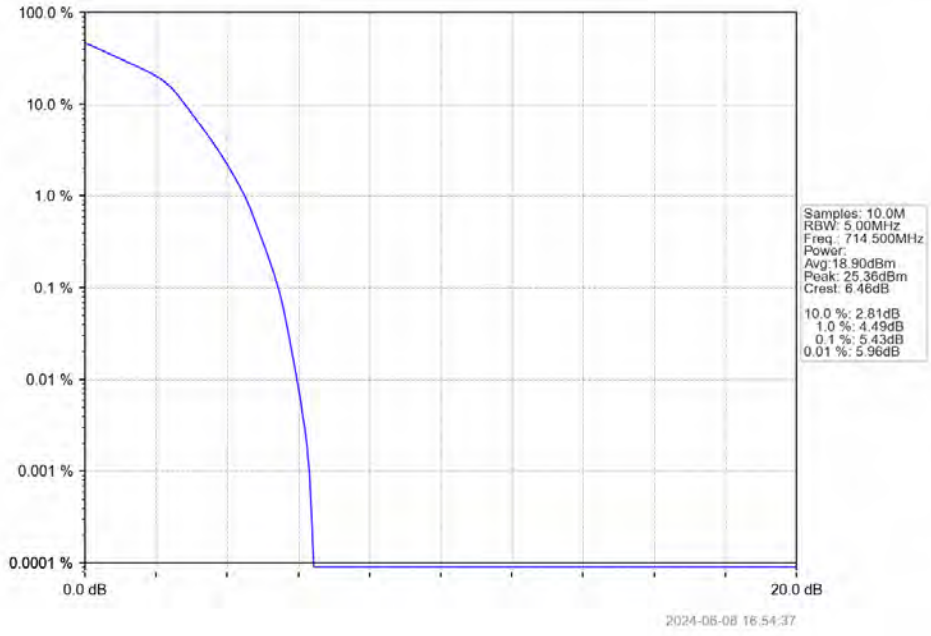
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



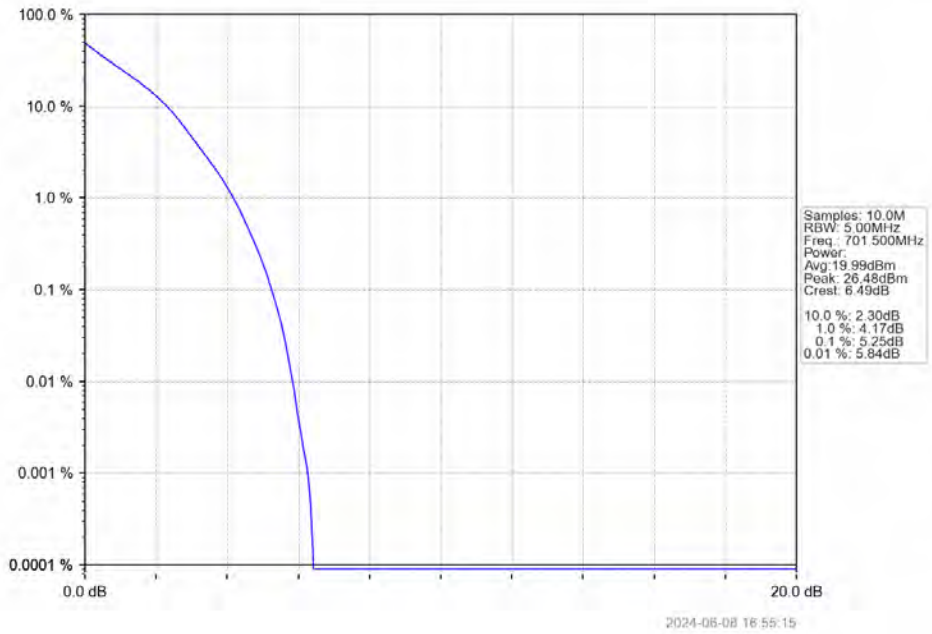
5.3 B12_5MHz

5.3.1 Test Result

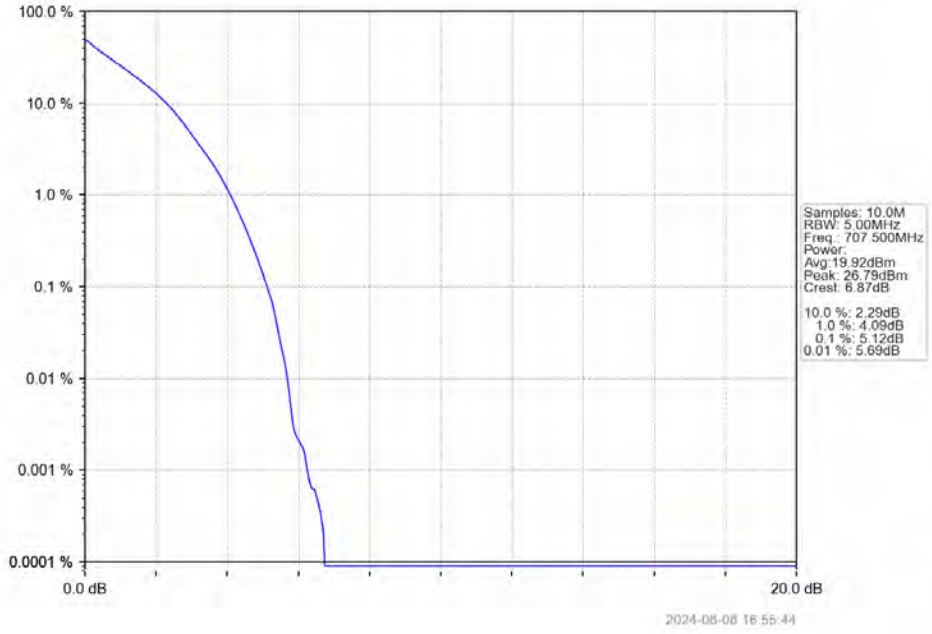
Band: 12 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	701.5	25	0	5.25	<=13	Pass
	707.5	25	0	5.12	<=13	Pass
	713.5	25	0	5.09	<=13	Pass
16QAM	701.5	25	0	5.95	<=13	Pass
	707.5	25	0	5.81	<=13	Pass
	713.5	25	0	5.79	<=13	Pass

5.3.2 Test Graph

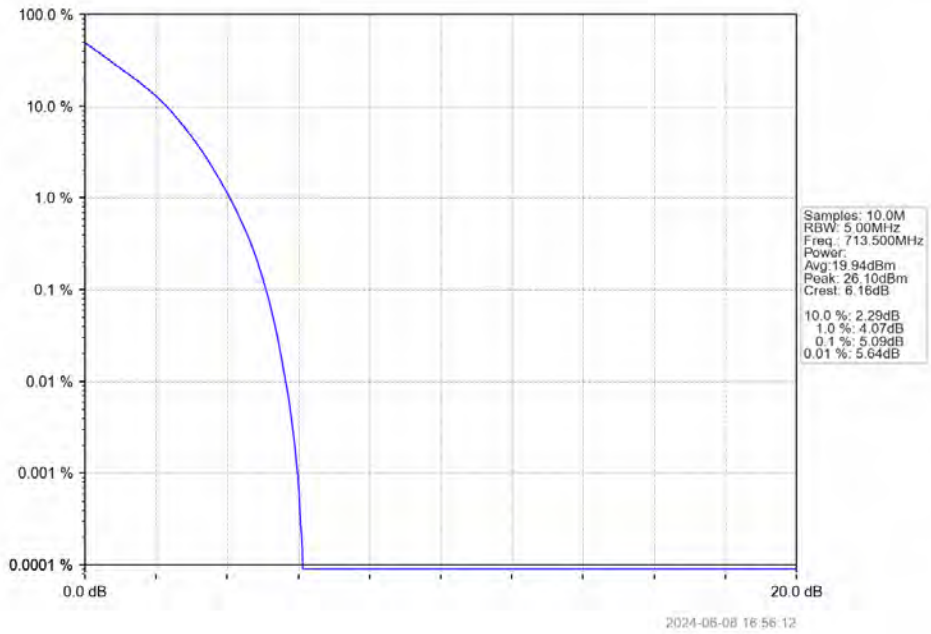
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



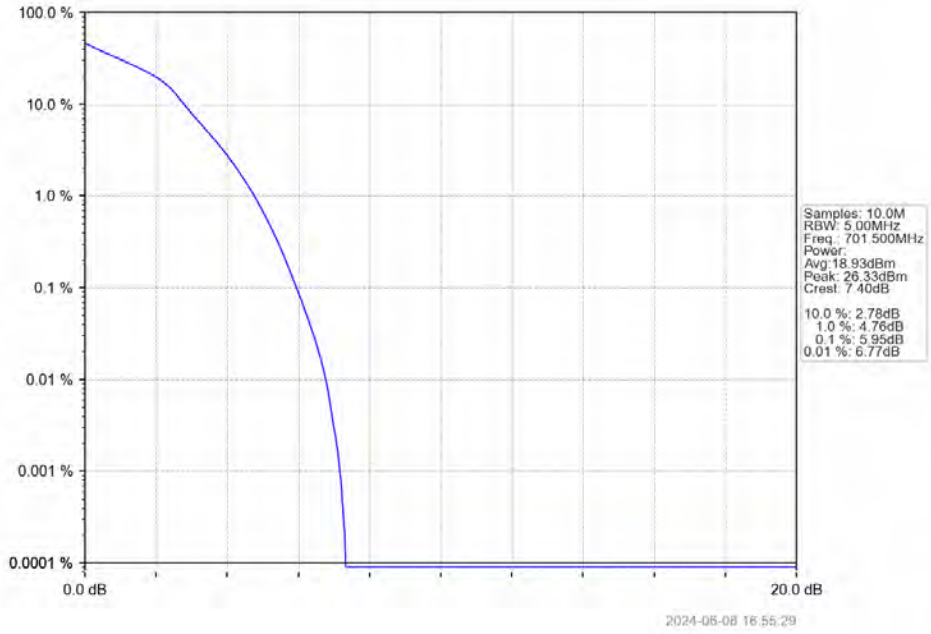
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



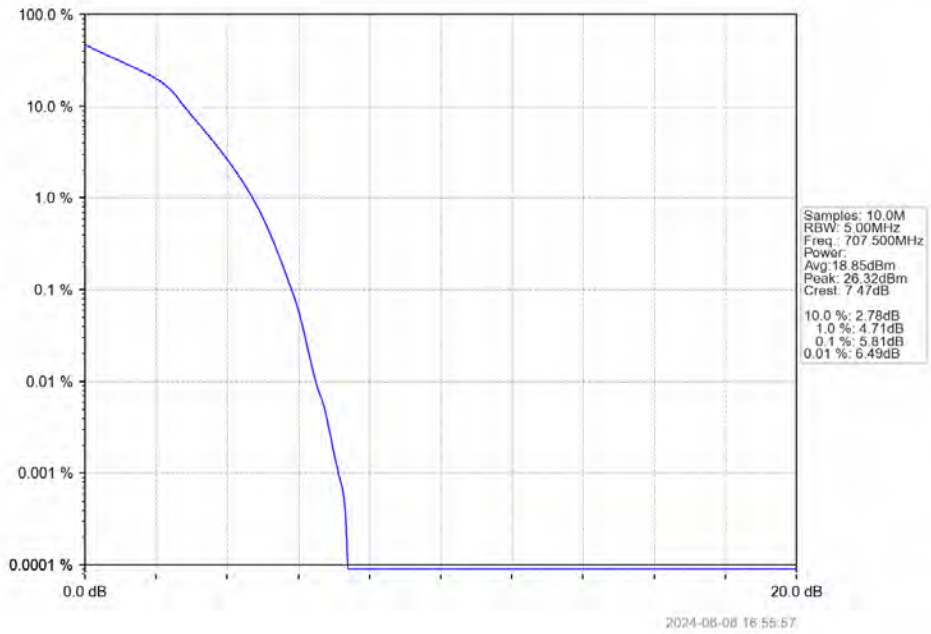
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



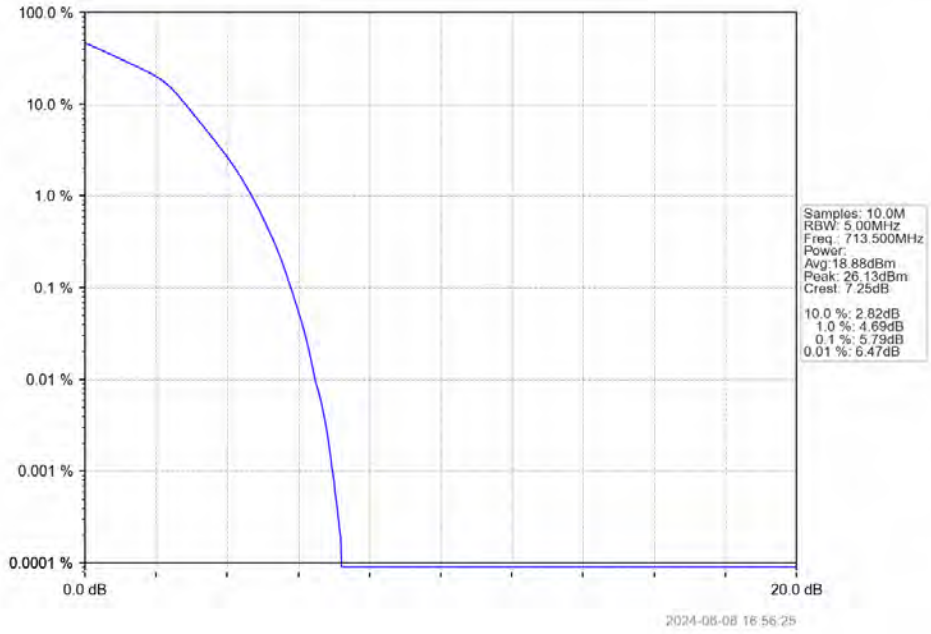
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



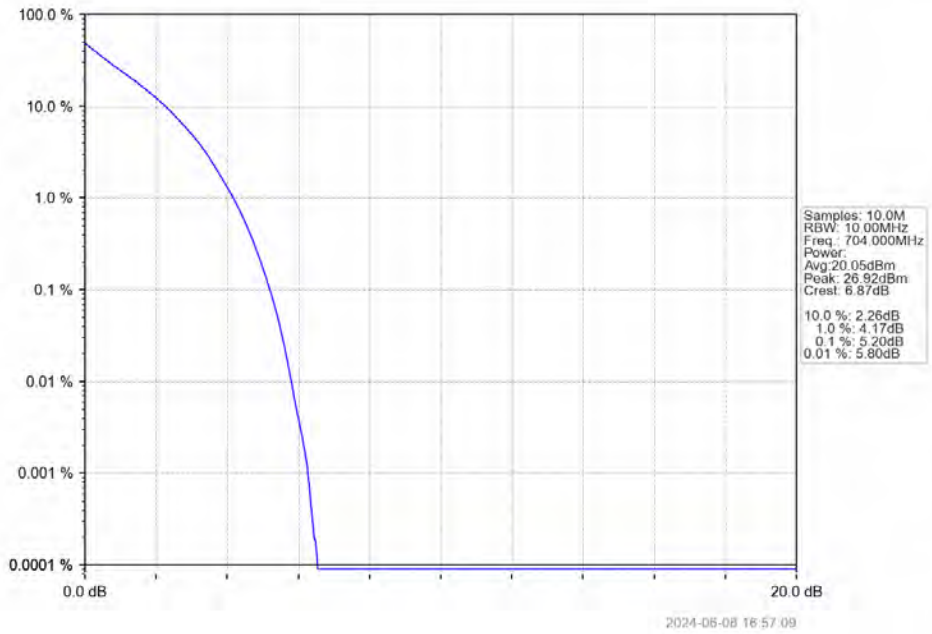
5.4 B12_10MHz

5.4.1 Test Result

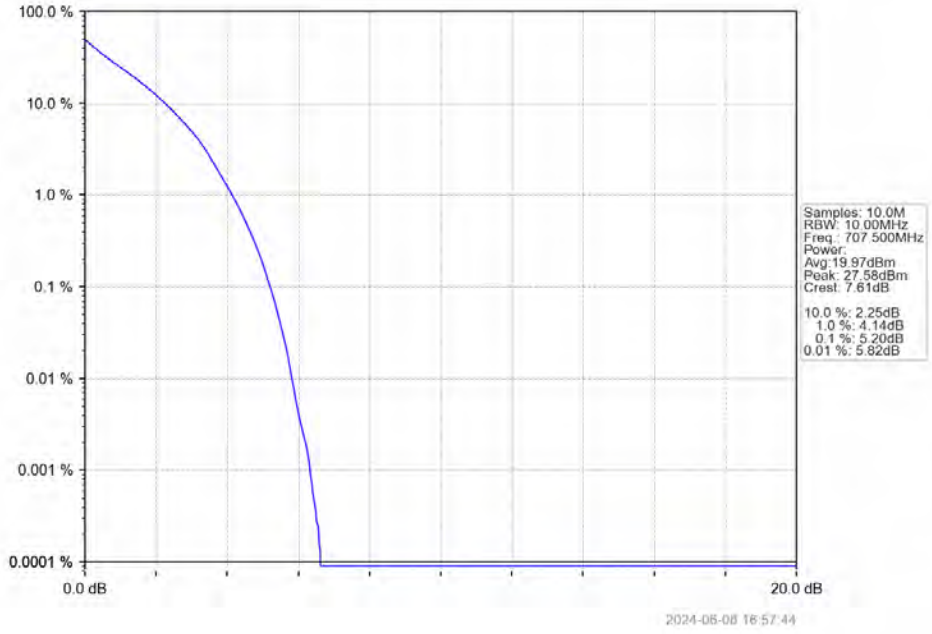
Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	704	50	0	5.20	<=13	Pass
	707.5	50	0	5.20	<=13	Pass
	711	50	0	5.11	<=13	Pass
16QAM	704	50	0	5.93	<=13	Pass
	707.5	50	0	5.95	<=13	Pass
	711	50	0	5.84	<=13	Pass

5.4.2 Test Graph

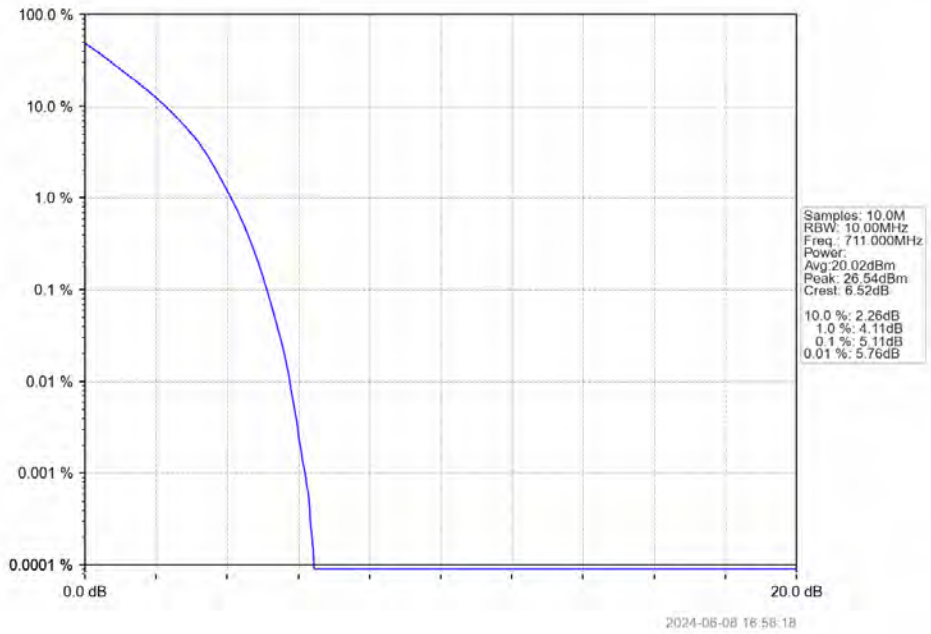
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



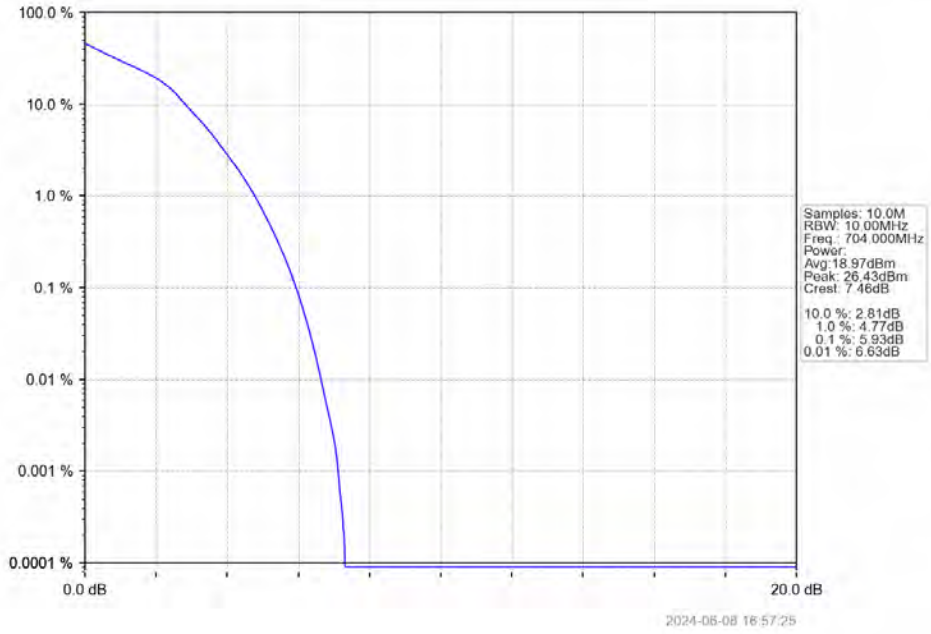
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



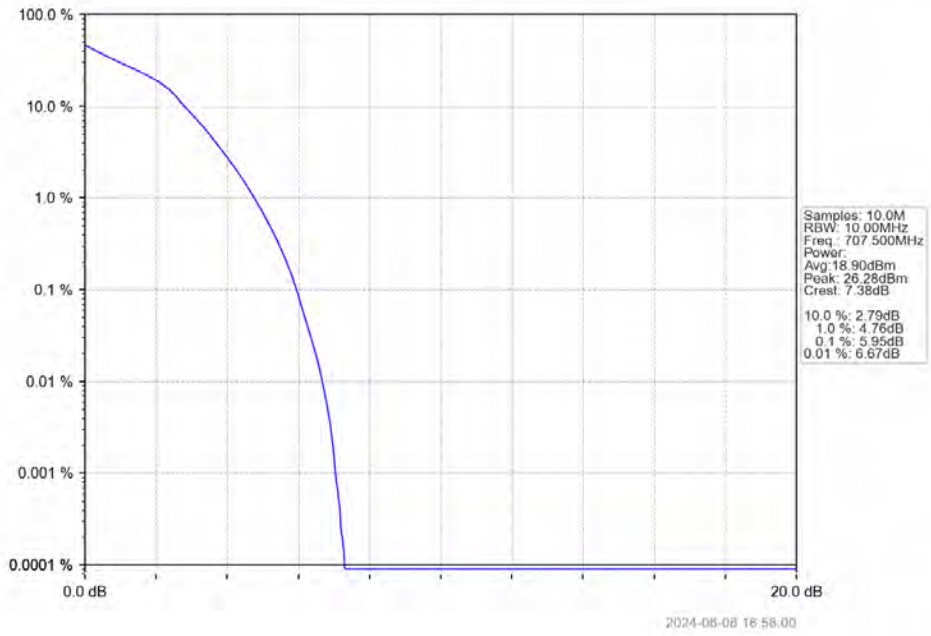
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



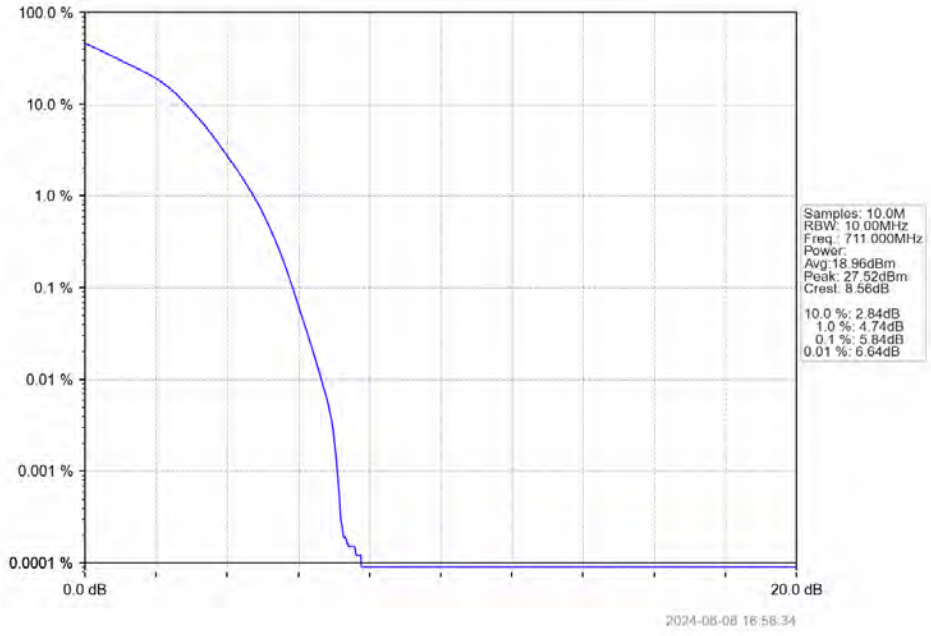
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



6. Spurious Emission

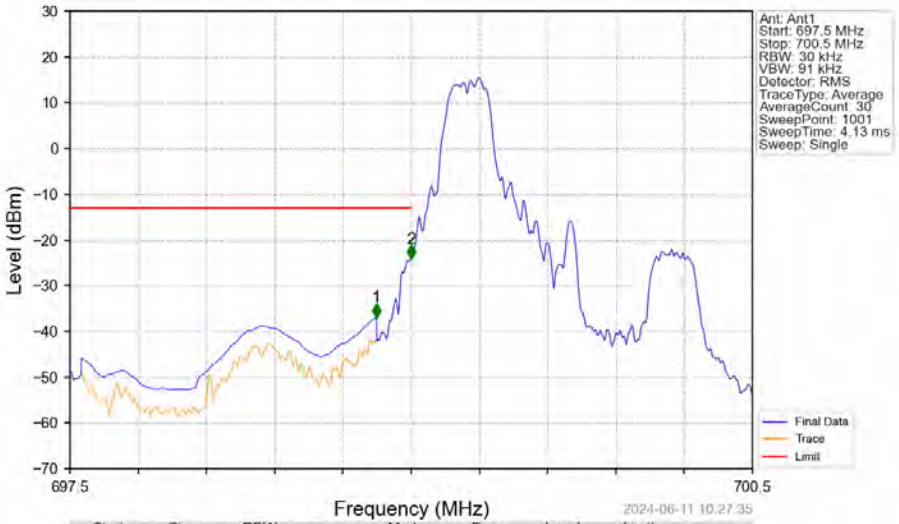
6.1 B12_1.4MHz

6.1.1 Test Result

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
	715.3	1	0	Refer To Test Graph		Pass
			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
	715.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

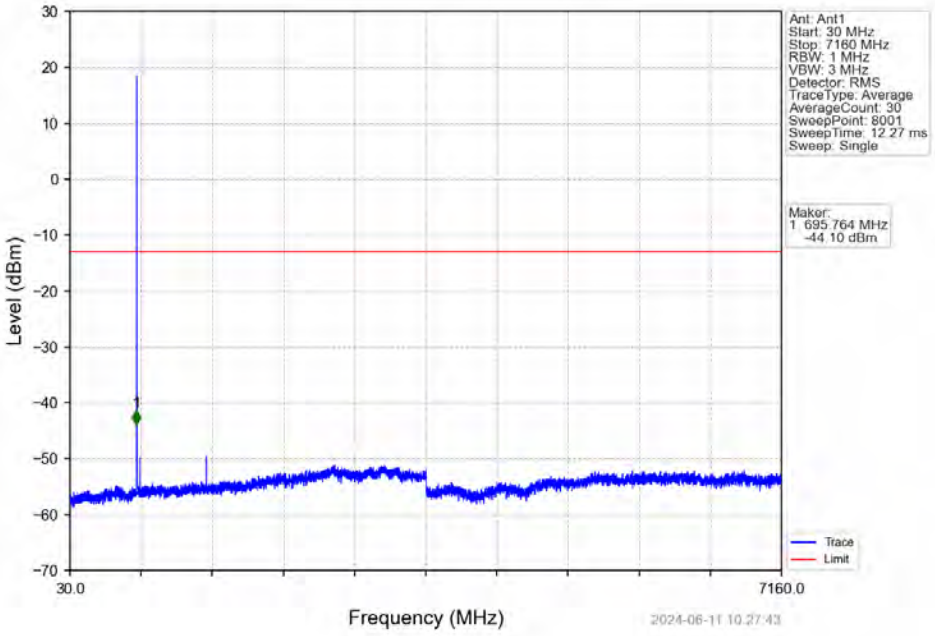
6.1.2 Test Graph

Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_1_0_NTNV

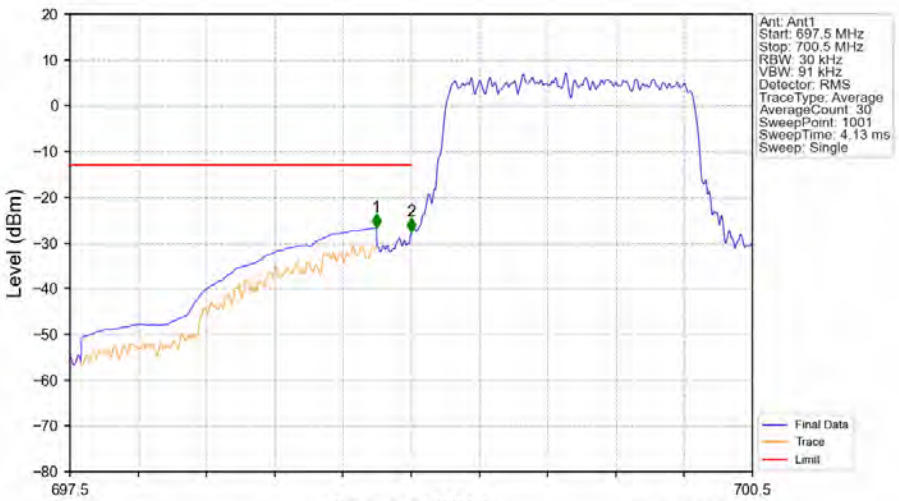


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
697.5	698.9	0.1	CHP	1	698.847	-36.96	-13	Pass
698.9	699	0.03	/	2	699.000	-24.12	-13	Pass
699	700.5	0.03	/	/	/	/	/	/

Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_1_0_NTNV

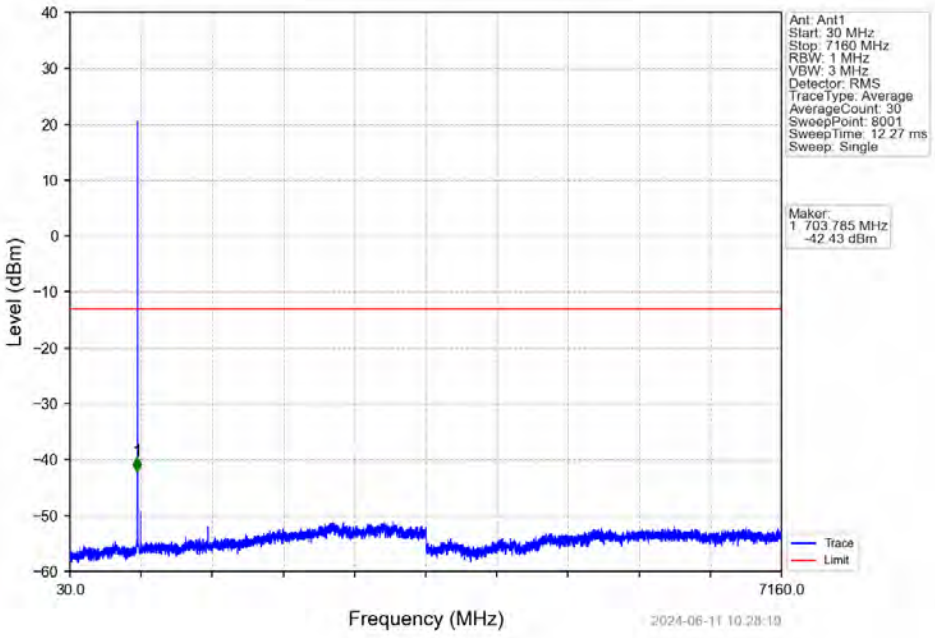


Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV

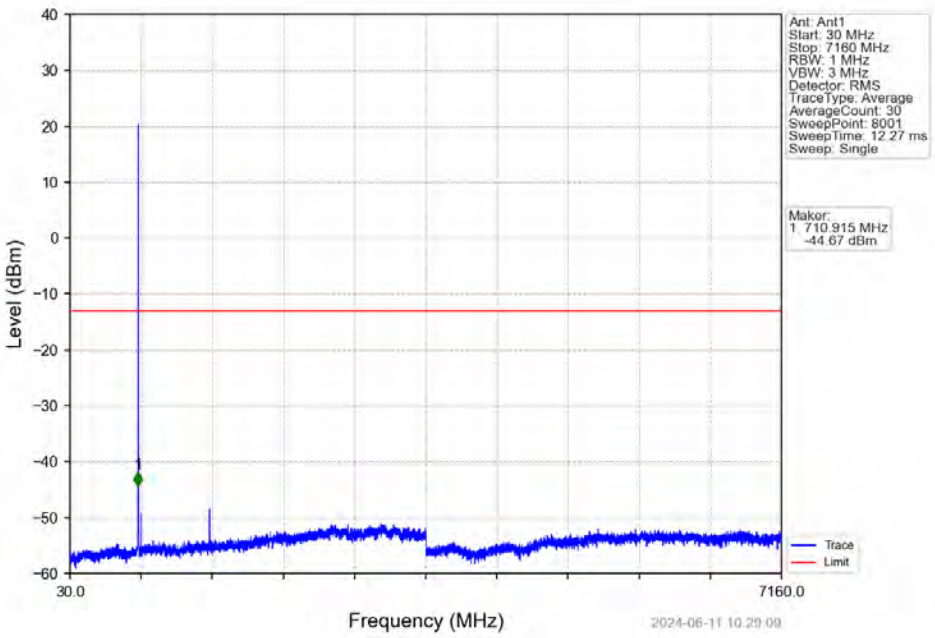


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
697.5	698.9	0.1	CHP	1	698.847	-26.67	-13	Pass
698.9	699	0.03	/	2	699.000	-27.56	-13	Pass
699	700.5	0.03	/	/	/	/	/	/

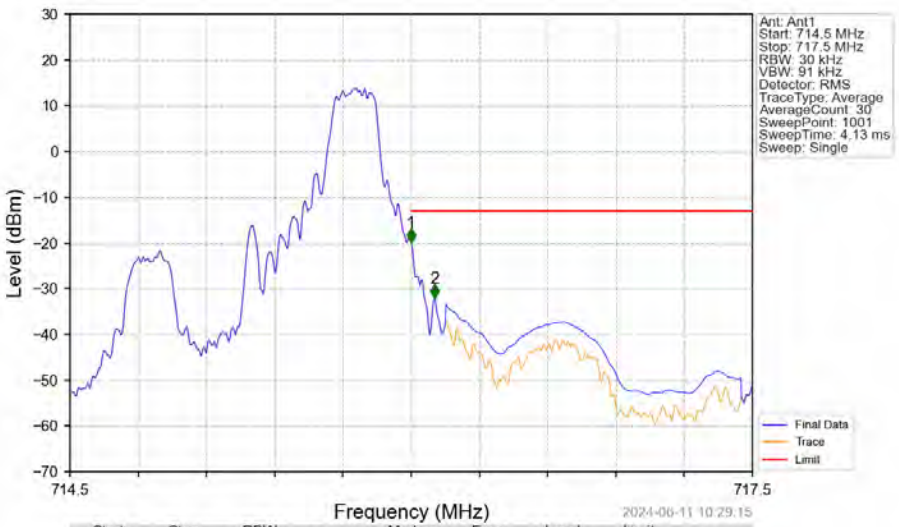
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_0_NTNV

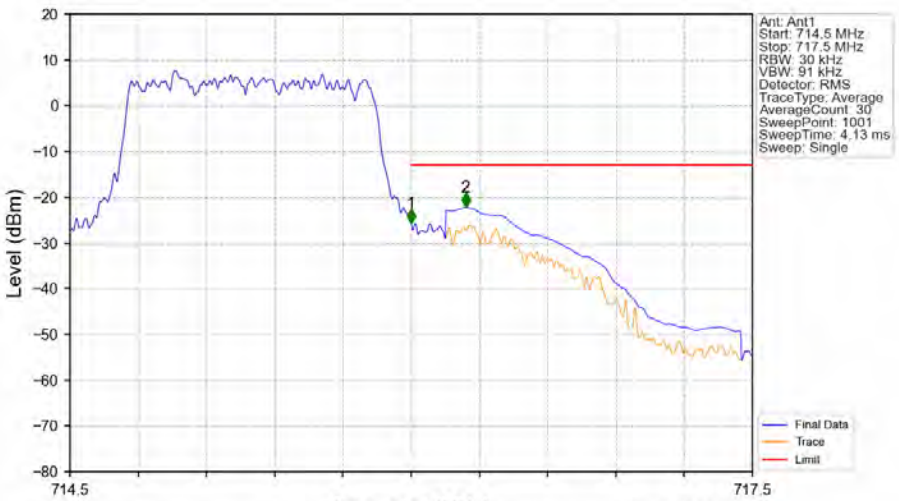


Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_5_NTNV



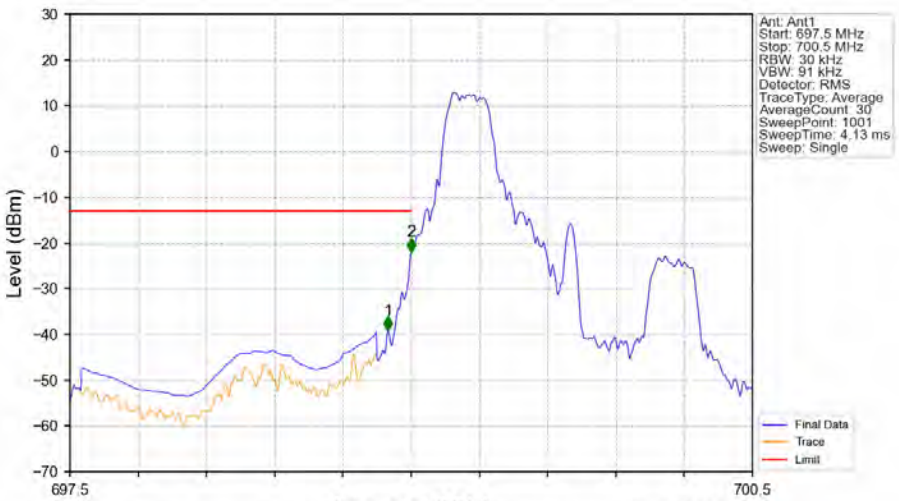
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
714.5	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-19.99	-13	Pass
716.1	717.5	0.1	CHP	2	716.102	-32.08	-13	Pass

Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



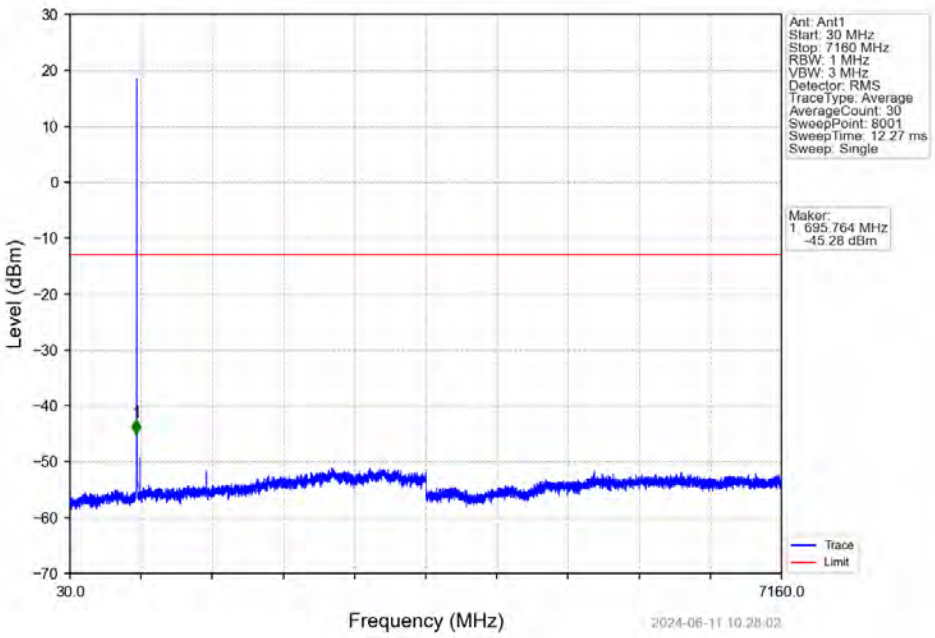
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
714.5	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-25.67	-13	Pass
716.1	717.5	0.1	CHP	2	716.240	-22.21	-13	Pass

Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_1_0_NTNV

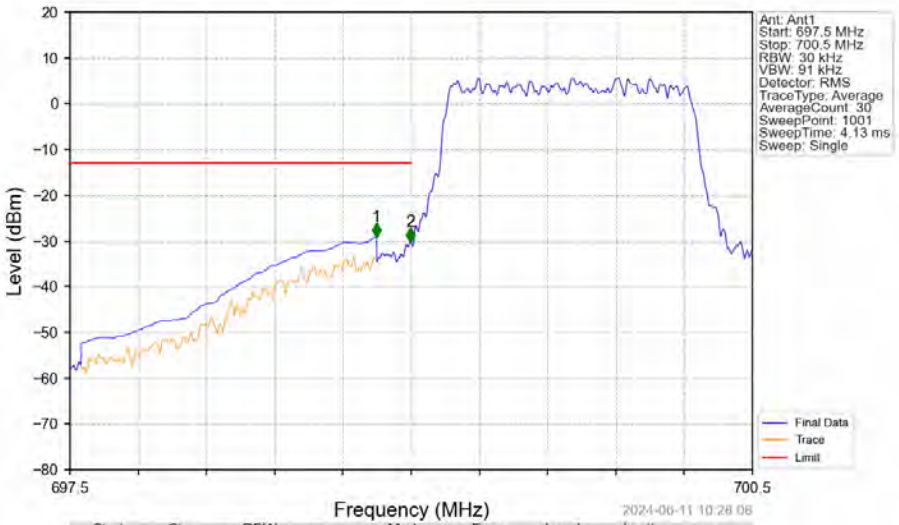


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
697.5	698.9	0.1	CHP	1	698.898	-39.15	-13	Pass
698.9	699	0.03	/	2	699.000	-21.95	-13	Pass
699	700.5	0.03	/	/	/	/	/	/

Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_1_0_NTNV

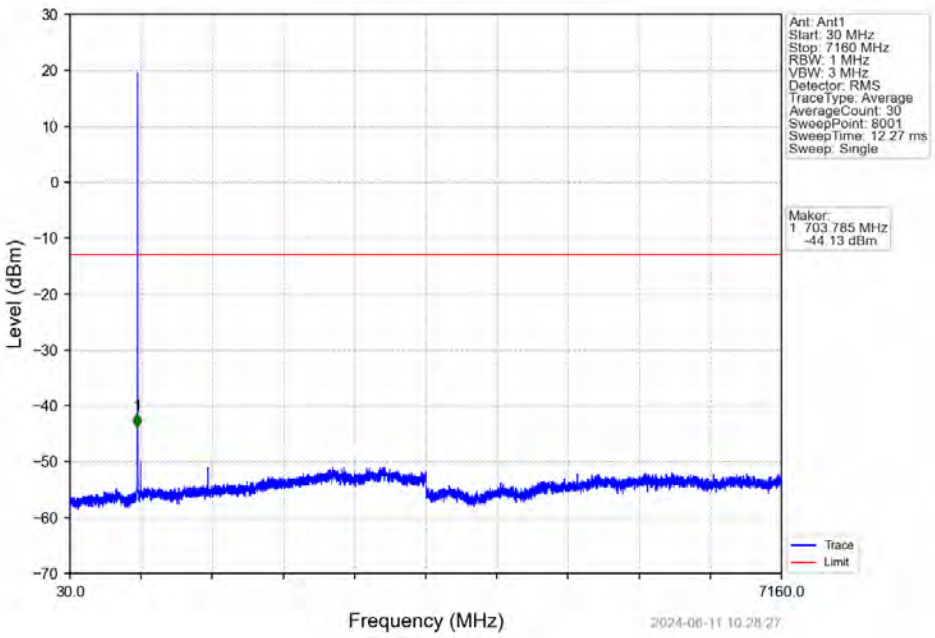


Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV

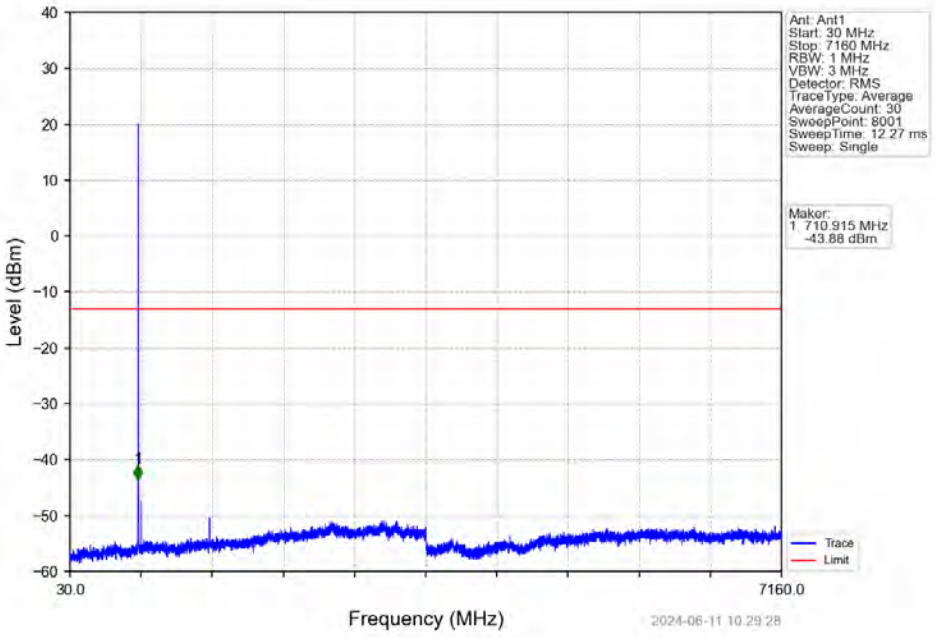


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
697.5	698.9	0.1	CHP	1	698.847	-29.13	-13	Pass
698.9	699	0.03	/	2	698.997	-30.20	-13	Pass
699	700.5	0.03	/	/	/	/	/	/

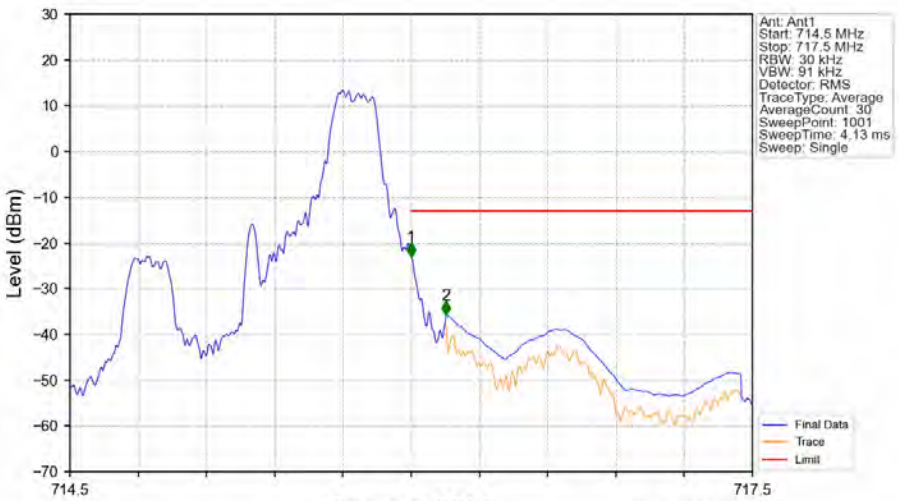
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_1_0_NTNV

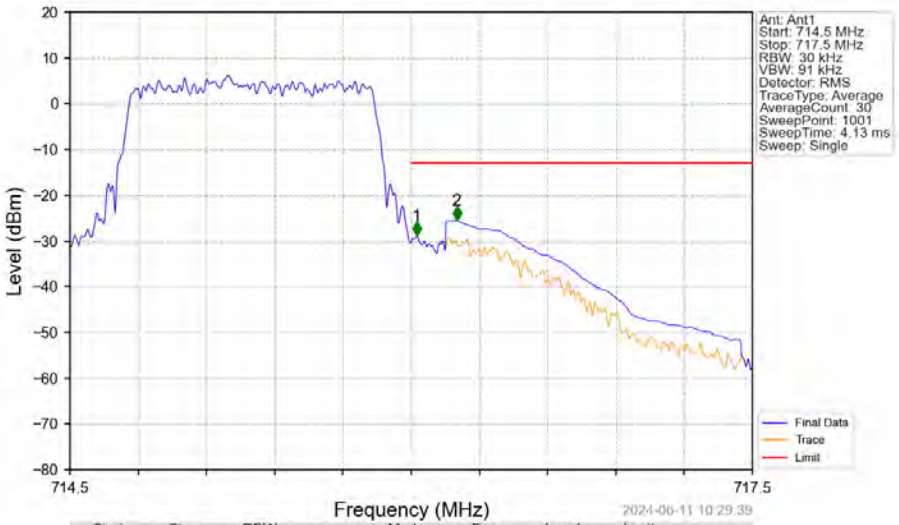


Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_1_5_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
714.5	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-23.09	-13	Pass
716.1	717.5	0.1	CHP	2	716.153	-35.84	-13	Pass

Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
714.5	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.024	-28.89	-13	Pass
716.1	717.5	0.1	CHP	2	716.201	-25.52	-13	Pass

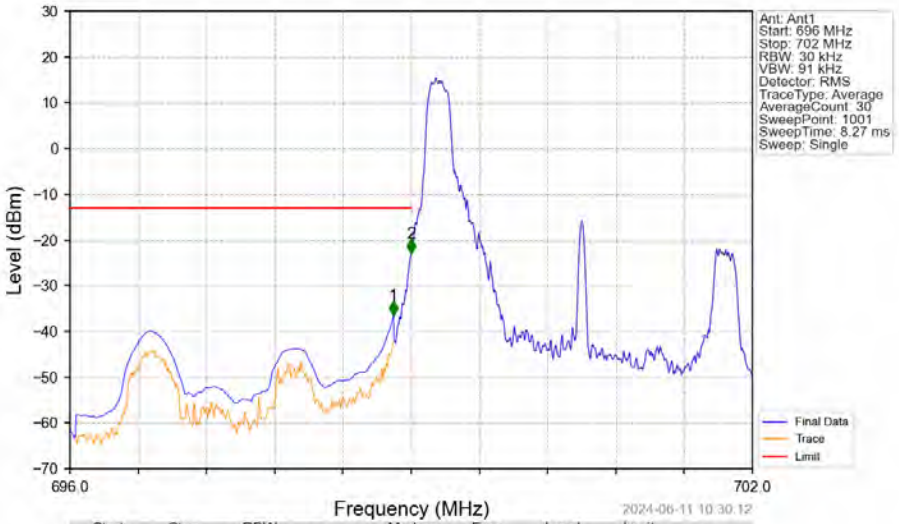
6.2 B12_3MHz

6.2.1 Test Result

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
	714.5	1	0	Refer To Test Graph		Pass
			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
	714.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

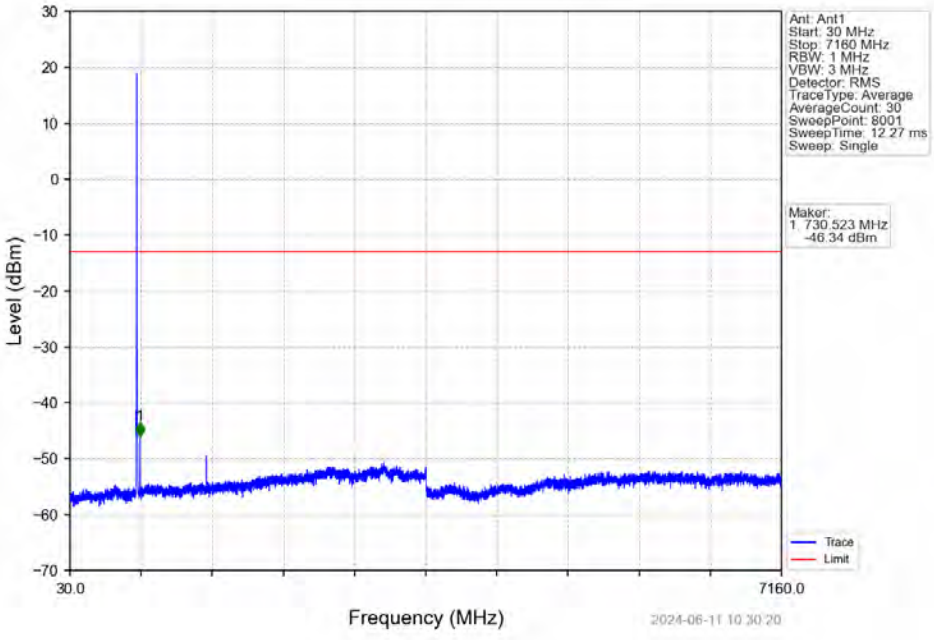
6.2.2 Test Graph

Band12_3MHz_QPSK_LCH_700.5MHz_RB_1_0_NTNV

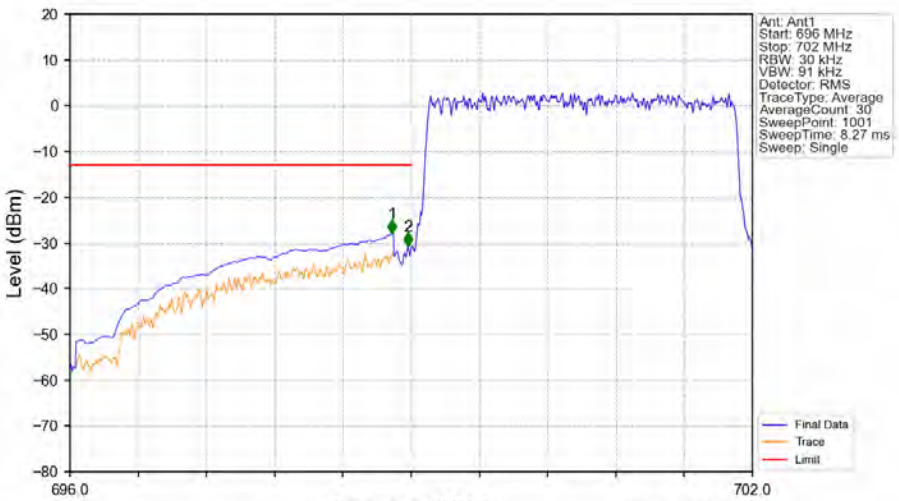


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-36.48	-13	Pass
698.9	699	0.03	/	2	699.000	-22.86	-13	Pass
699	702	0.03	/	/	/	/	/	/

Band12_3MHz_QPSK_LCH_700.5MHz_RB_1_0_NTNV

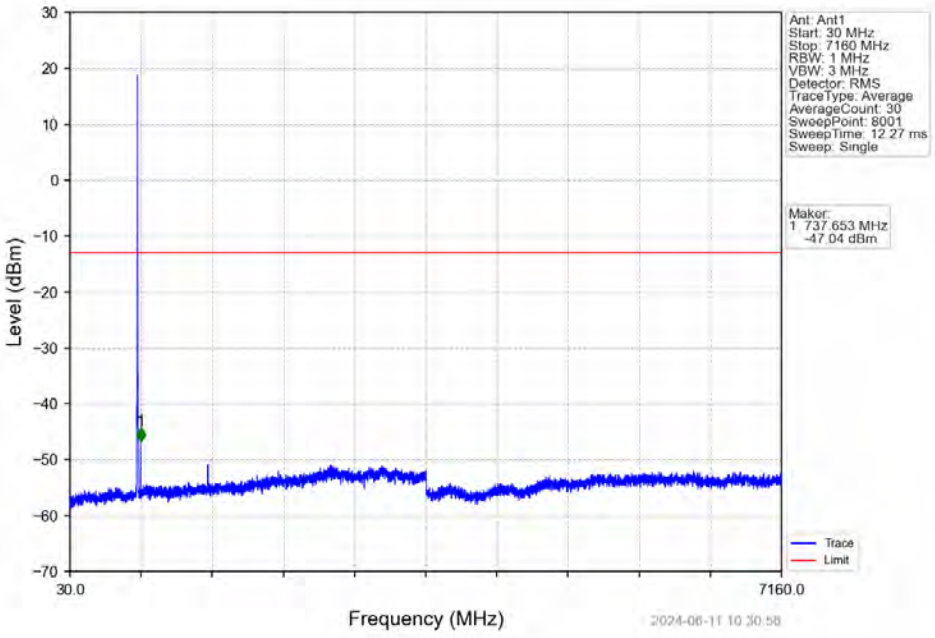


Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV

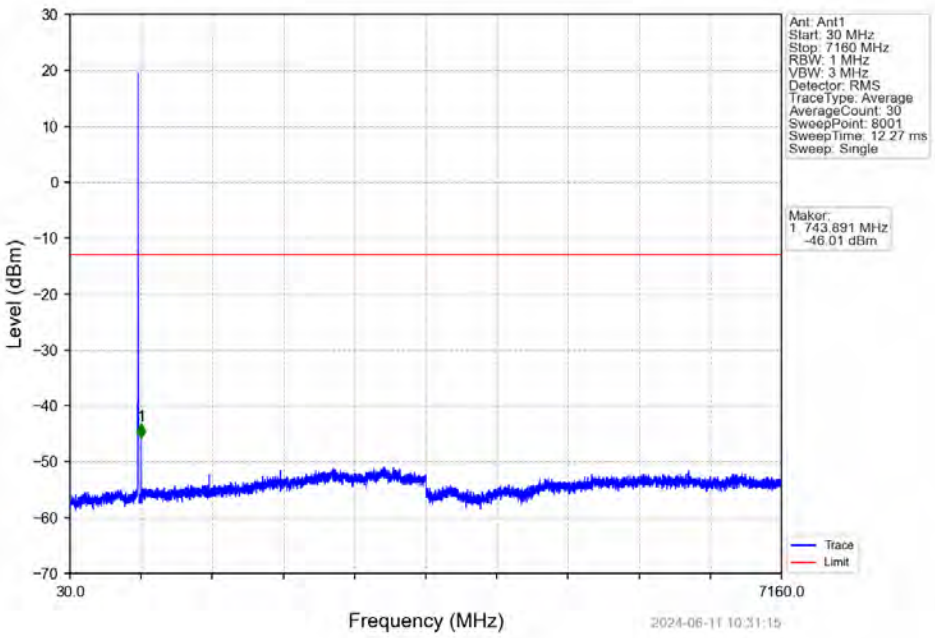


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.832	-28.02	-13	Pass
698.9	699	0.03	/	2	698.970	-30.76	-13	Pass
699	702	0.03	/	/	/	/	/	/

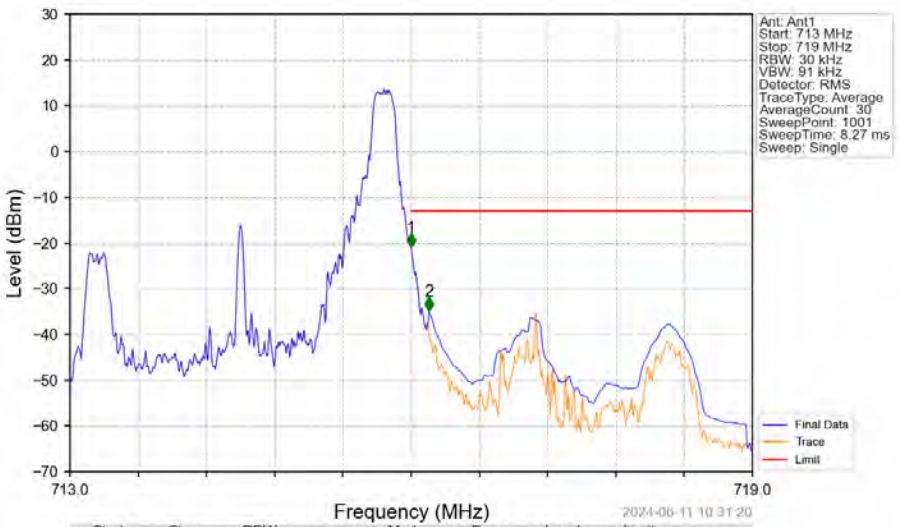
Band12_3MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_0_NTNV

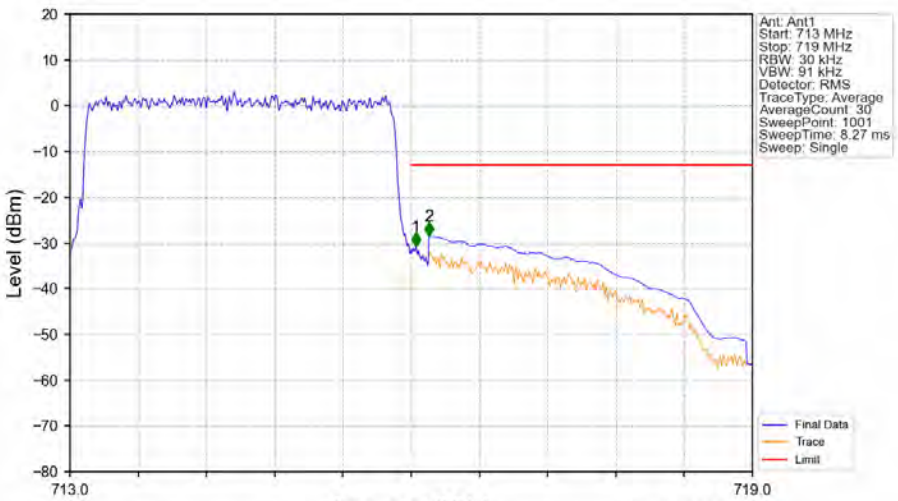


Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_14_NTNV



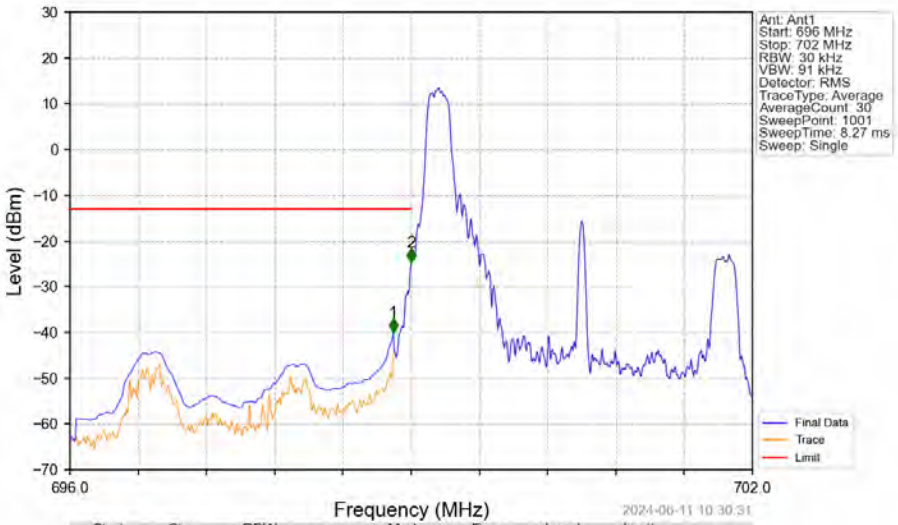
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-20.99	-13	Pass
716.1	719	0.1	CHP	2	716.156	-34.98	-13	Pass

Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



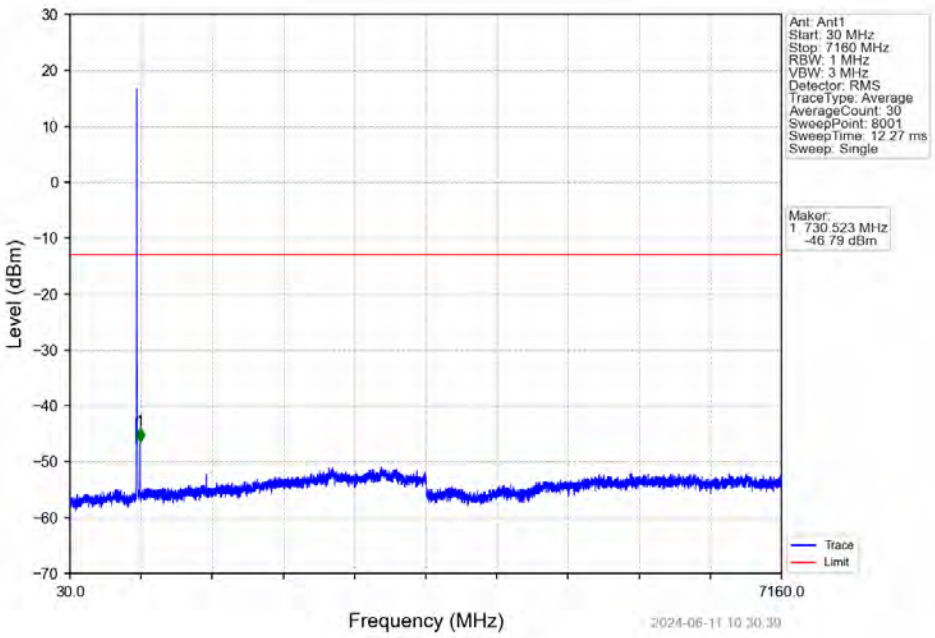
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.042	-30.85	-13	Pass
716.1	719	0.1	CHP	2	716.156	-28.48	-13	Pass

Band12_3MHz_16QAM_LCH_700.5MHz_RB_1_0_NTNV

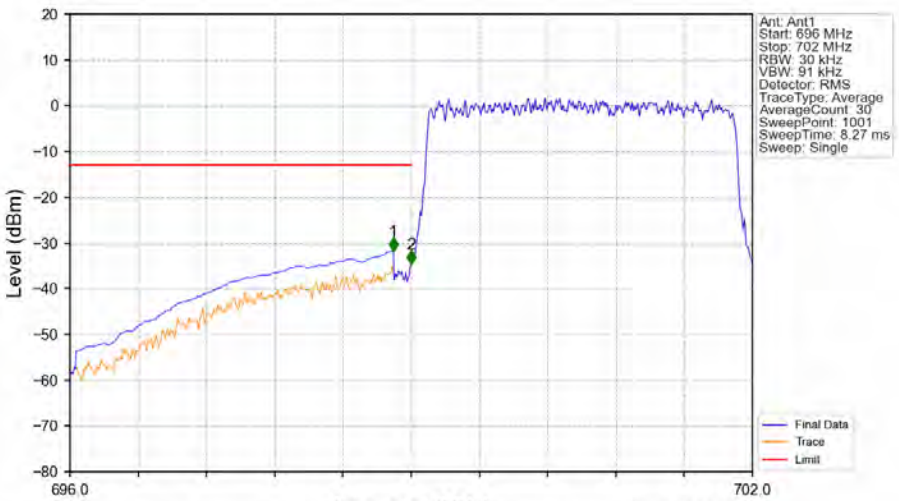


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-40.04	-13	Pass
698.9	699	0.03	/	2	699.000	-24.71	-13	Pass
699	702	0.03	/	/	/	/	/	/

Band12_3MHz_16QAM_LCH_700.5MHz_RB_1_0_NTNV

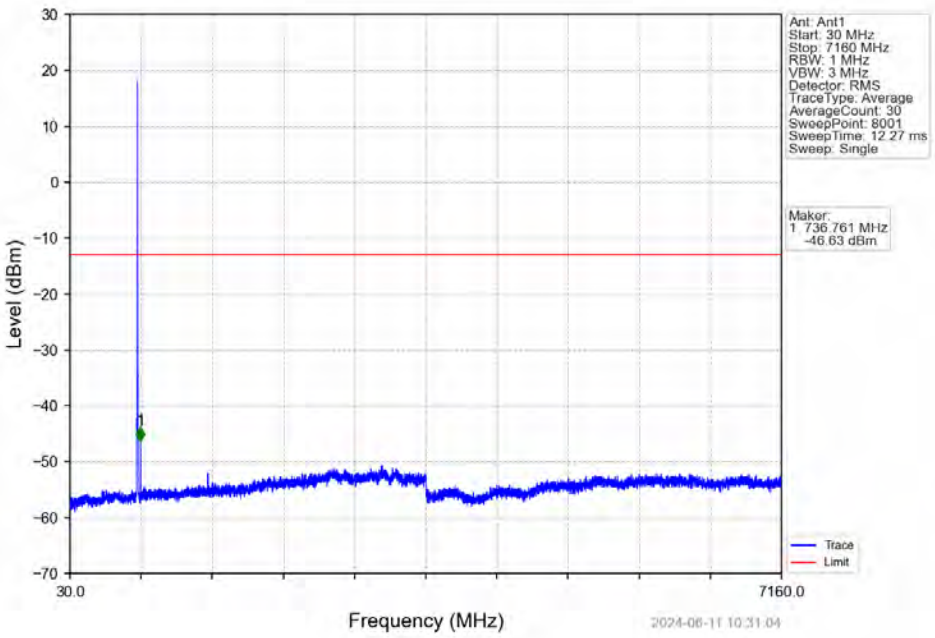


Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV

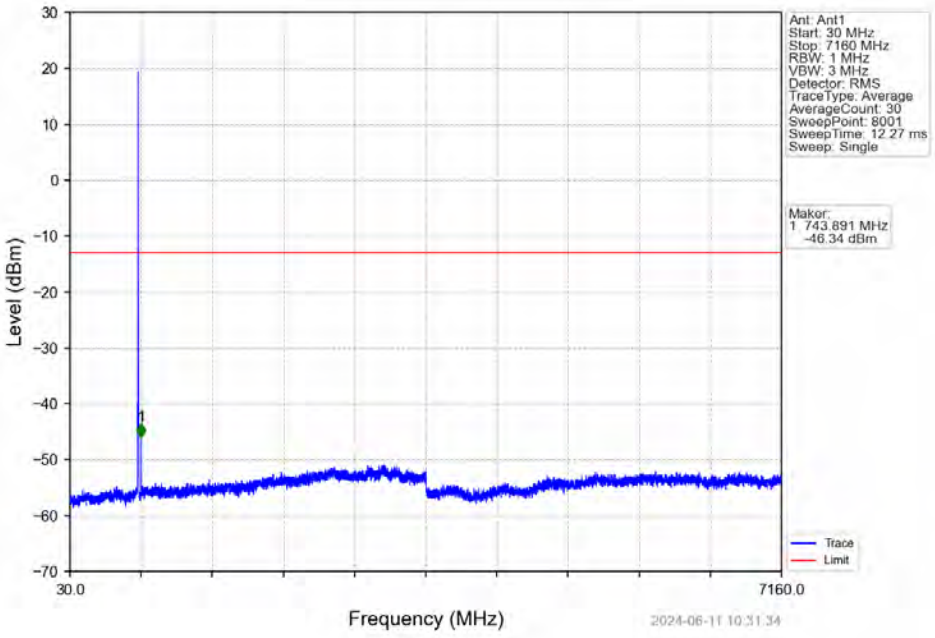


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-31.82	-13	Pass
698.9	699	0.03	/	2	699.000	-34.64	-13	Pass
699	702	0.03	/	/	/	/	/	/

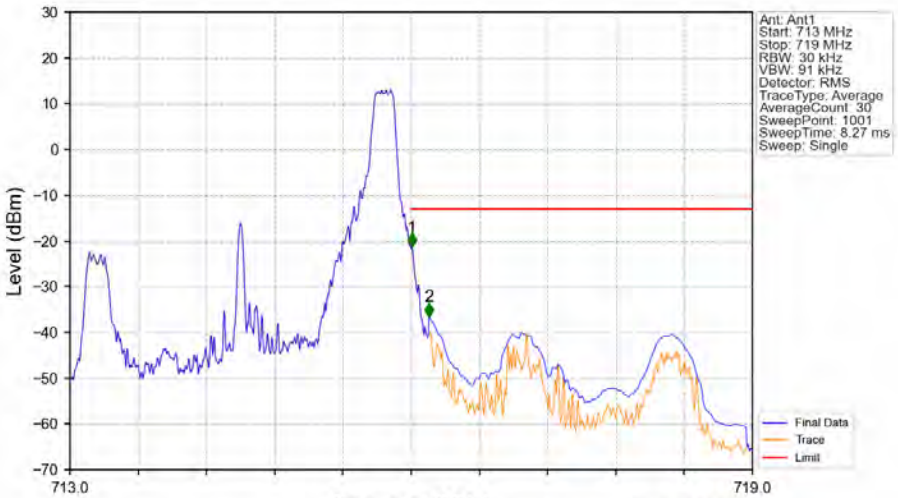
Band12_3MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



Band12_3MHz_16QAM_HCH_714.5MHz_RB_1_0_NTNV

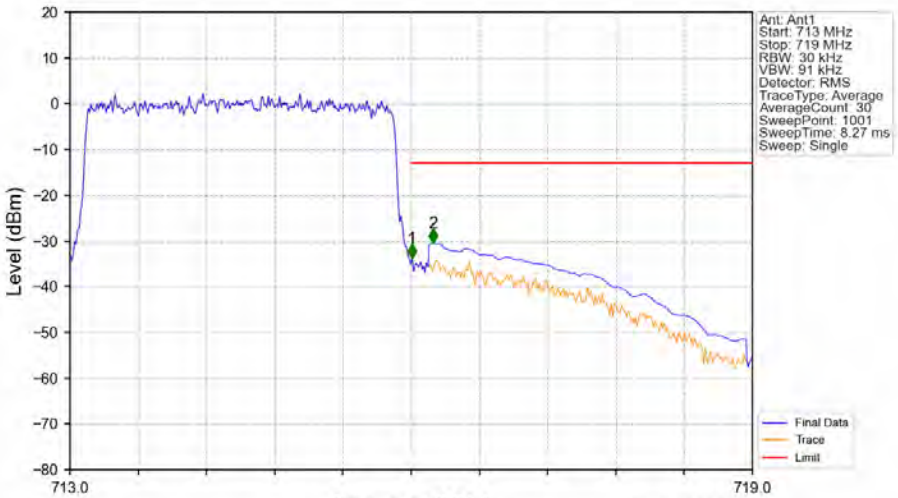


Band12_3MHz_16QAM_HCH_714.5MHz_RB_1_14_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.006	-21.39	-13	Pass
716.1	719	0.1	CHP	2	716.156	-36.58	-13	Pass

Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.006	-33.86	-13	Pass
716.1	719	0.1	CHP	2	716.192	-30.49	-13	Pass

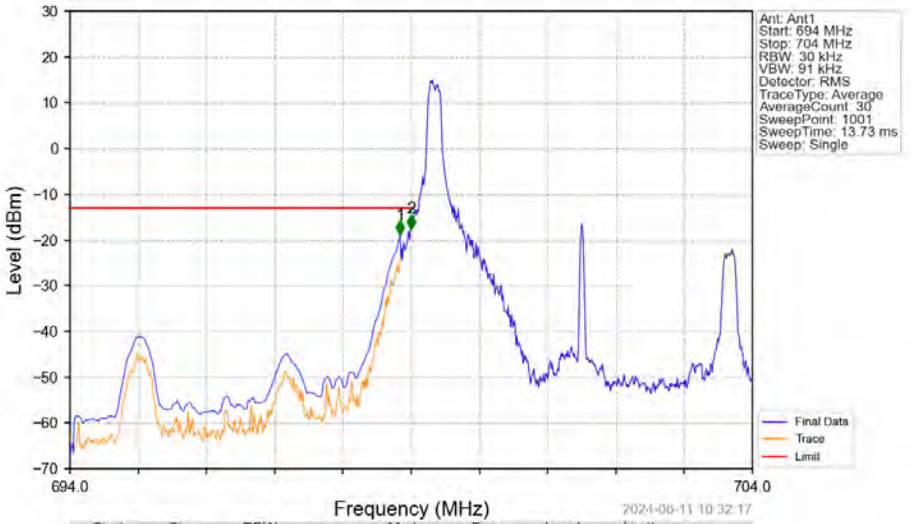
6.3 B12_5MHz

6.3.1 Test Result

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
	713.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	701.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
	713.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

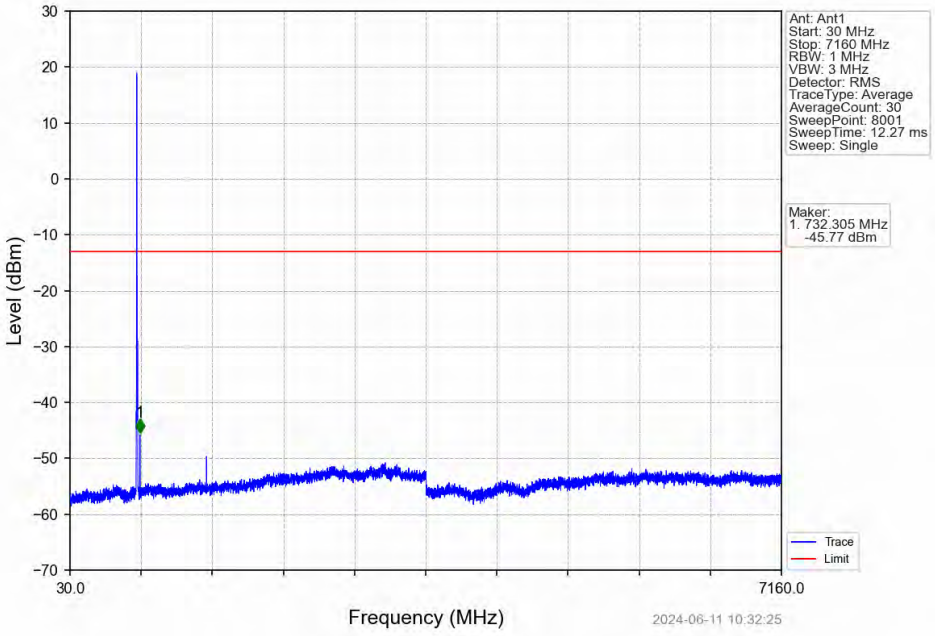
6.3.2 Test Graph

Band12_5MHz_QPSK_LCH_701.5MHz_RB_1_0_NTNV

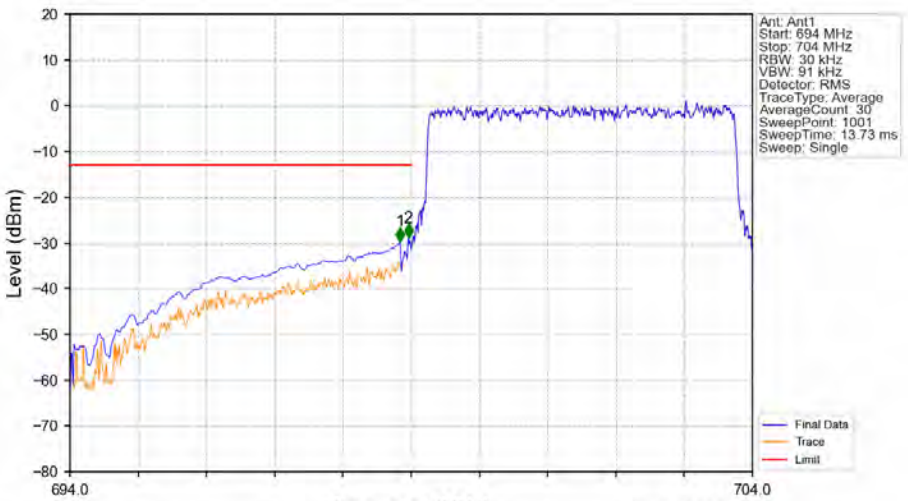


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-18.88	-13	Pass
698.9	699	0.03	/	2	699.000	-17.53	-13	Pass
699	704	0.03	/	/	/	/	/	/

Band12_5MHz_QPSK_LCH_701.5MHz_RB_1_0_NTNV

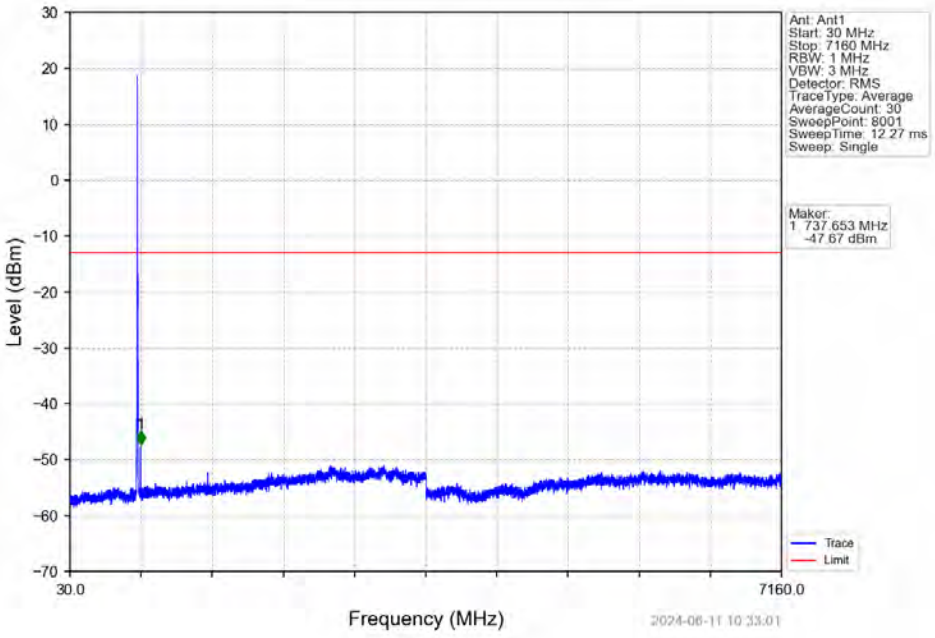


Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV

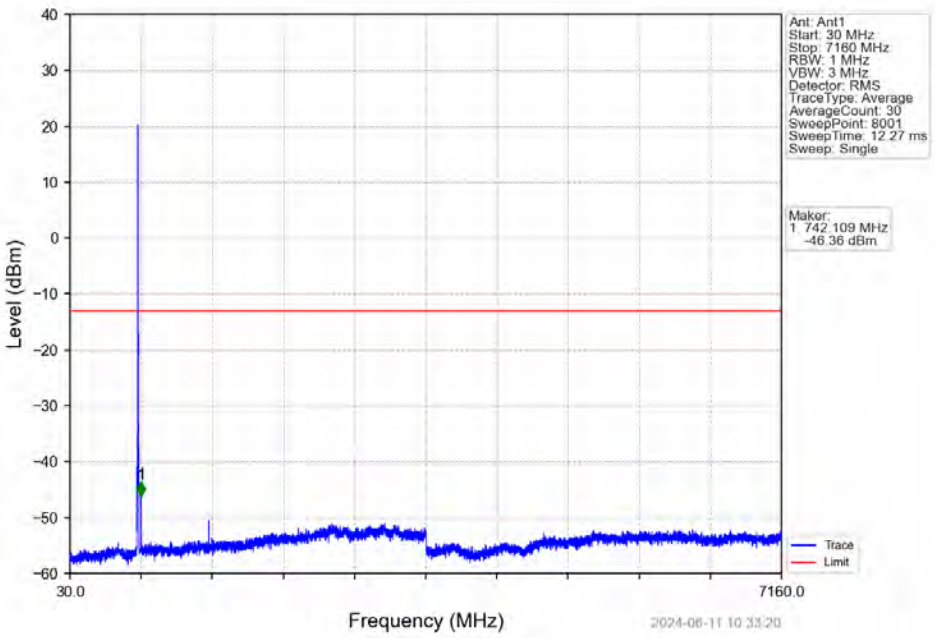


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-29.64	-13	Pass
698.9	699	0.03	/	2	698.960	-28.83	-13	Pass
699	704	0.03	/	/	/	/	/	/

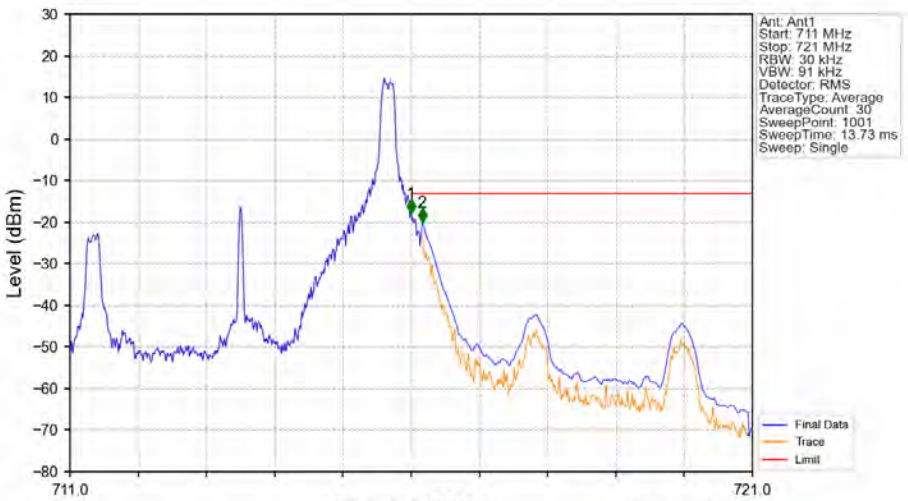
Band12_5MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV

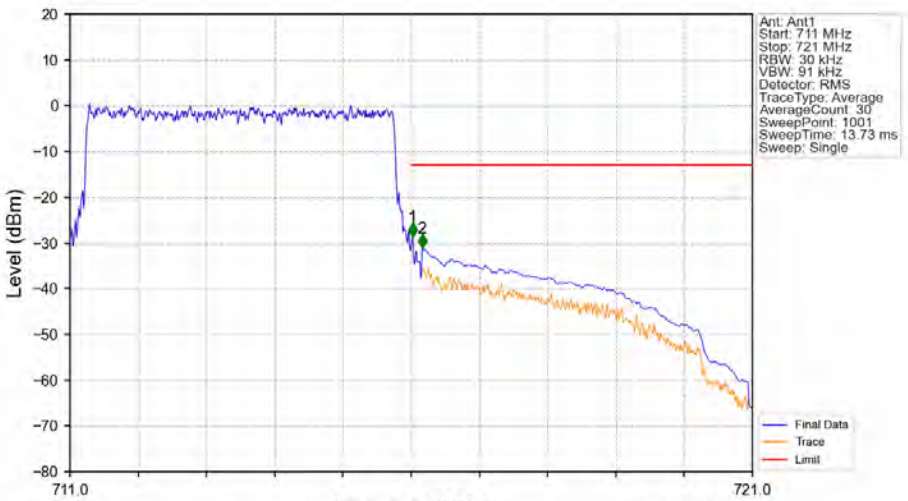


Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV



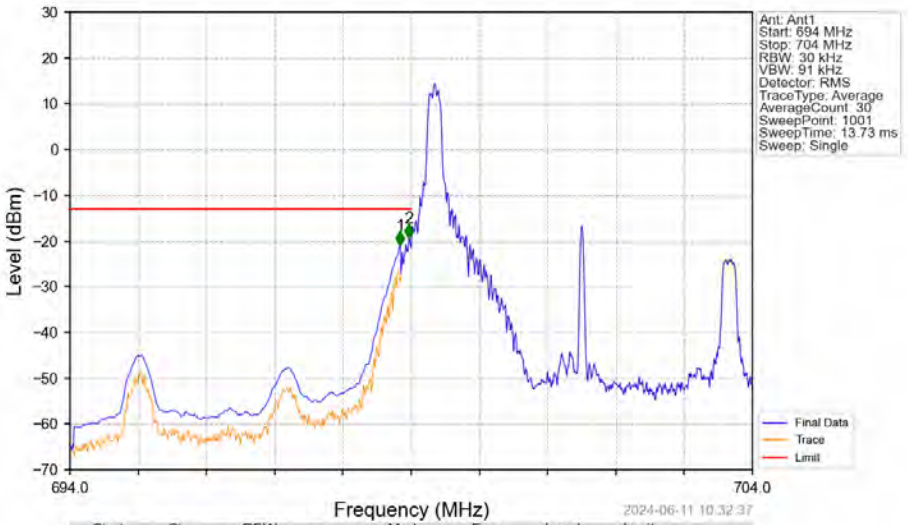
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-17.92	-13	Pass
716.1	721	0.1	CHP	2	716.160	-20.08	-13	Pass

Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



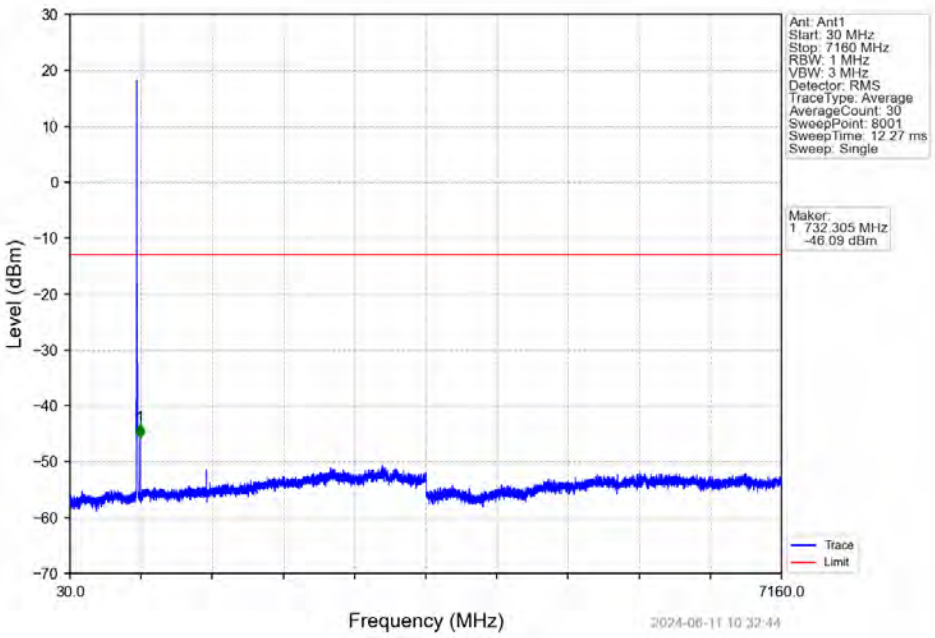
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.020	-28.68	-13	Pass
716.1	721	0.1	CHP	2	716.160	-31.13	-13	Pass

Band12_5MHz_16QAM_LCH_701.5MHz_RB_1_0_NTNV

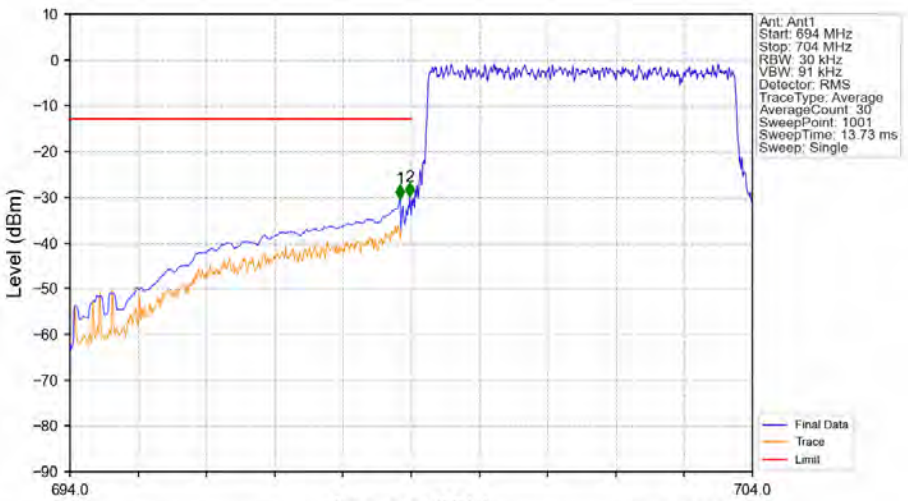


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-20.93	-13	Pass
698.9	699	0.03	/	2	698.970	-19.44	-13	Pass
699	704	0.03	/	/	/	/	/	/

Band12_5MHz_16QAM_LCH_701.5MHz_RB_1_0_NTNV

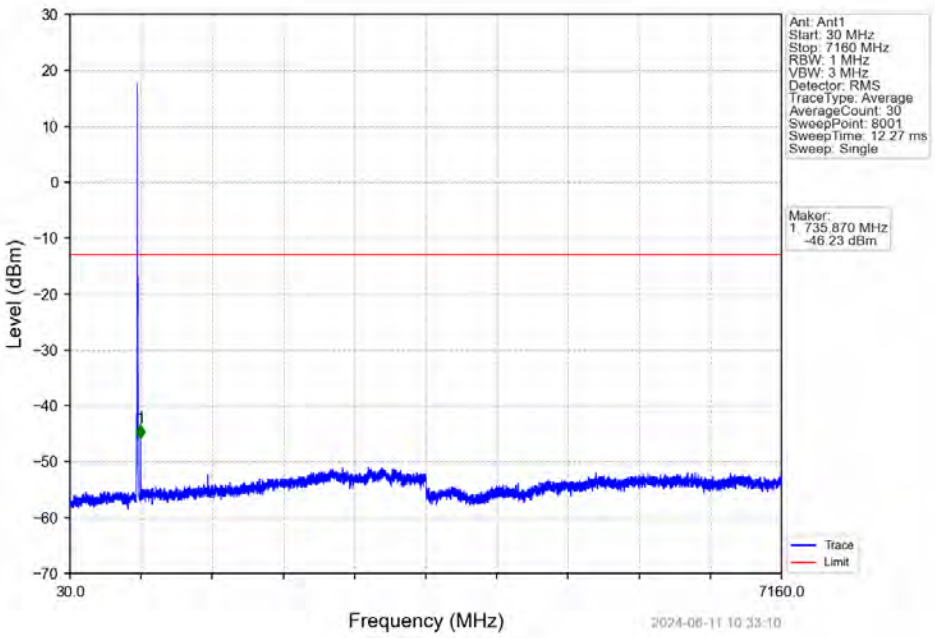


Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV

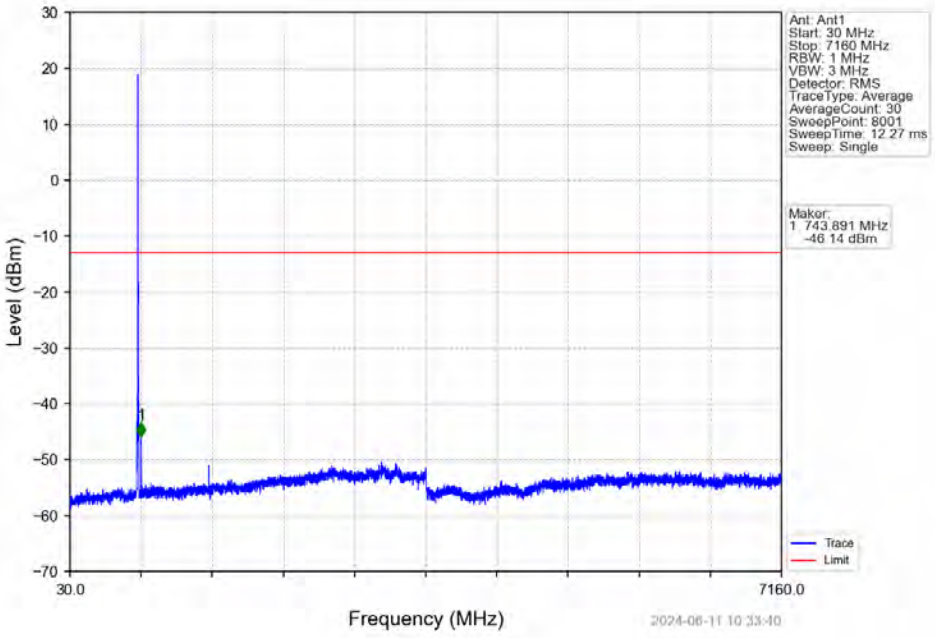


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-30.31	-13	Pass
698.9	699	0.03	/	2	698.980	-29.84	-13	Pass
699	704	0.03	/	/	/	/	/	/

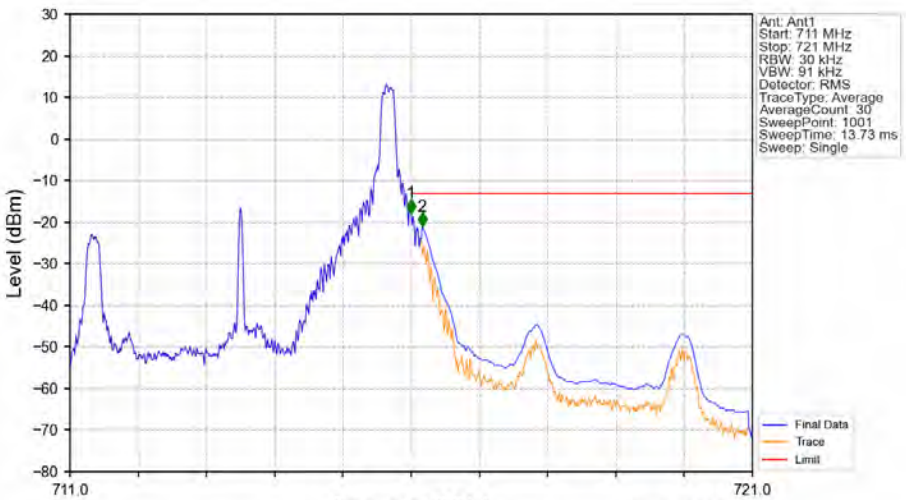
Band12_5MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



Band12_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV

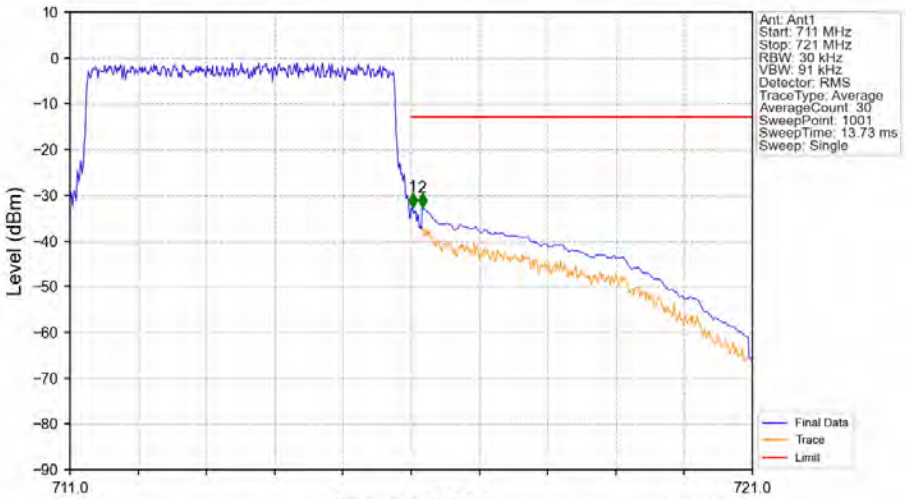


Band12_5MHz_16QAM_HCH_713.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-17.85	-13	Pass
716.1	721	0.1	CHP	2	716.160	-21.00	-13	Pass

Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.020	-32.59	-13	Pass
716.1	721	0.1	CHP	2	716.160	-32.63	-13	Pass

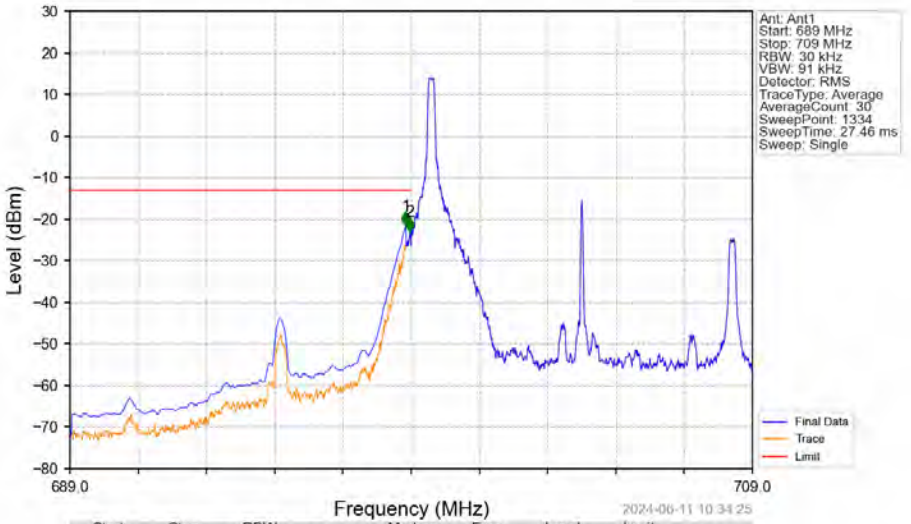
6.4 B12_10MHz

6.4.1 Test Result

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
		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

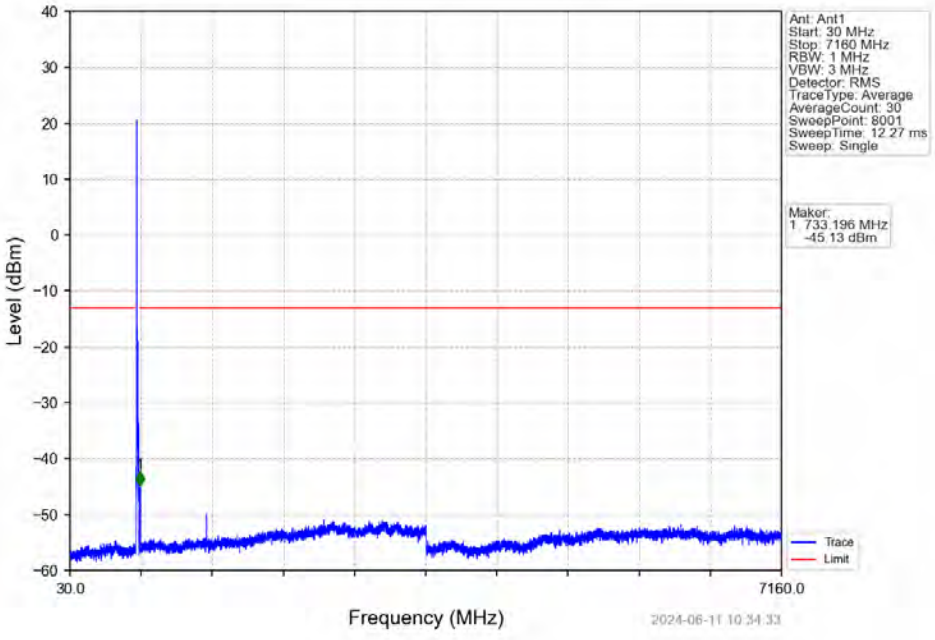
6.4.2 Test Graph

Band12_10MHz_QPSK_LCH_704MHz_RB_1_0_NTNV

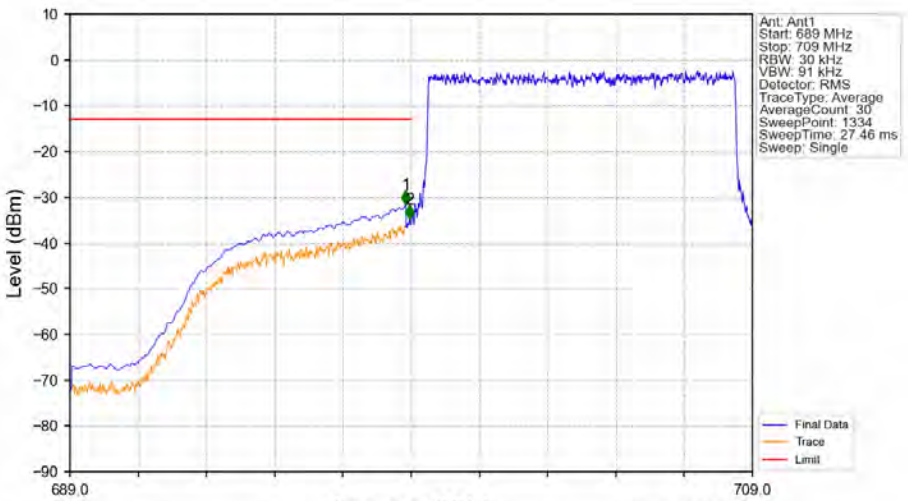


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-21.68	-13	Pass
698.9	699	0.03	/	2	698.962	-23.02	-13	Pass
699	709	0.03	/	/	/	/	/	/

Band12_10MHz_QPSK_LCH_704MHz_RB_1_0_NTNV

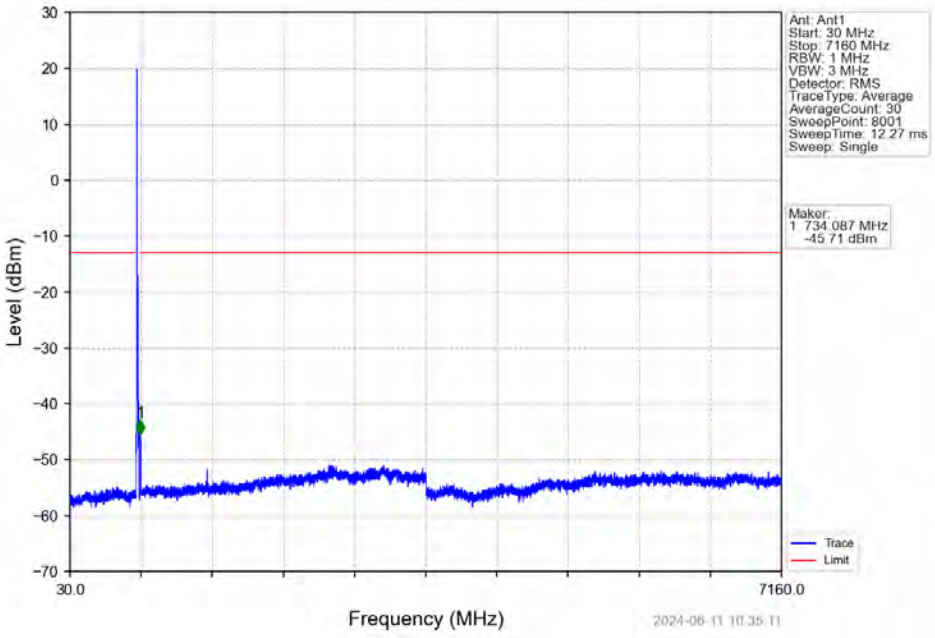


Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV

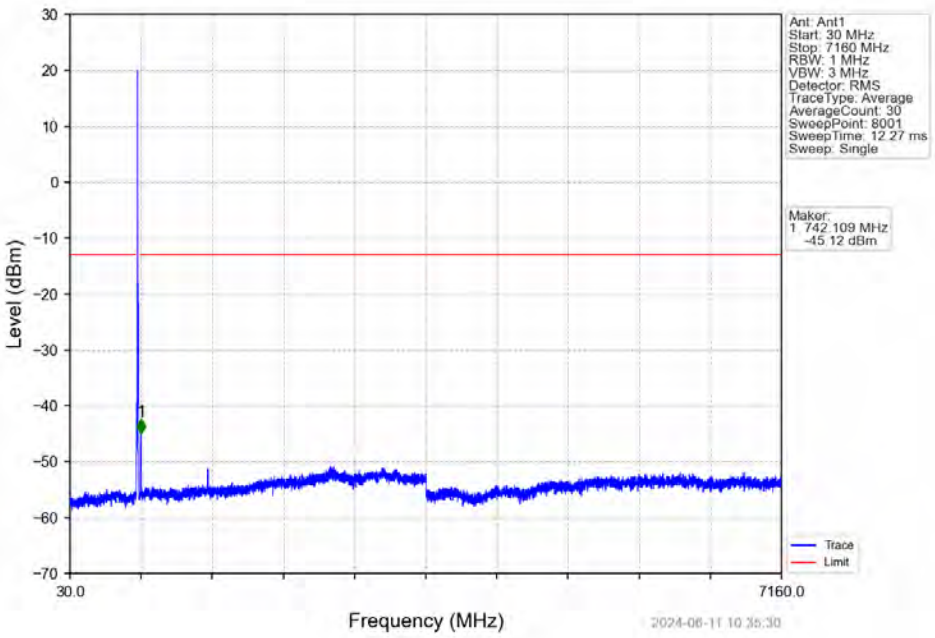


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-31.60	-13	Pass
698.9	699	0.03	/	2	698.947	-34.85	-13	Pass
699	709	0.03	/	/	/	/	/	/

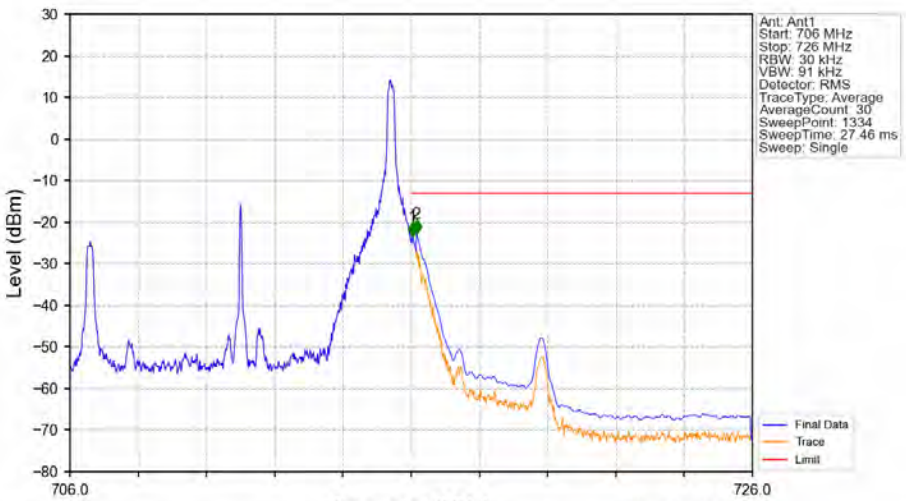
Band12_10MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



Band12_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV

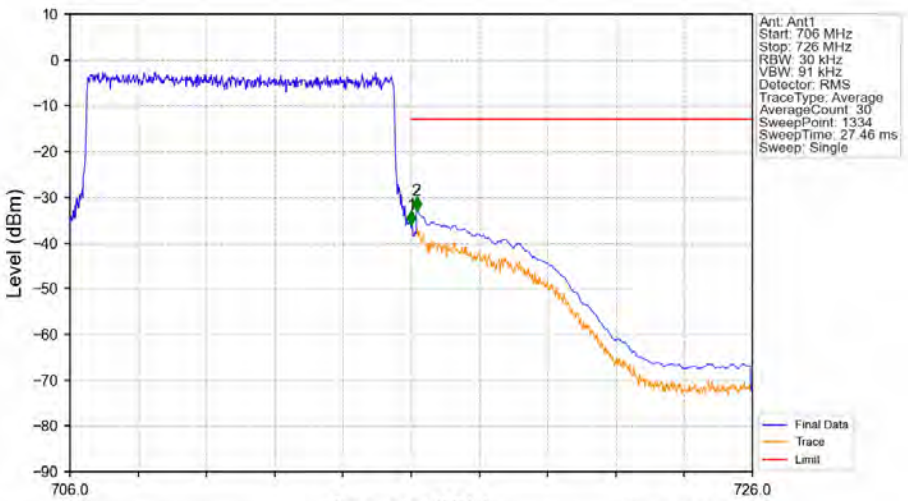


Band12_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV



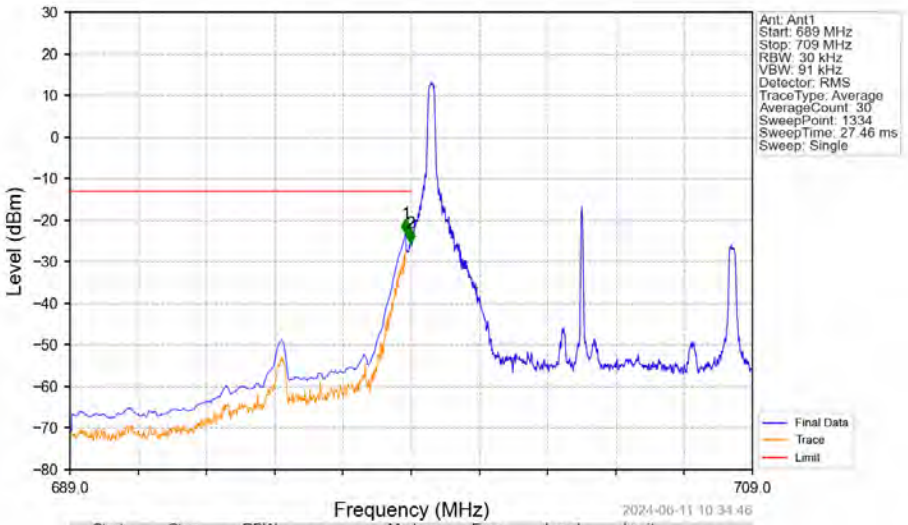
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.038	-23.38	-13	Pass
716.1	726	0.1	CHP	2	716.158	-22.76	-13	Pass

Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



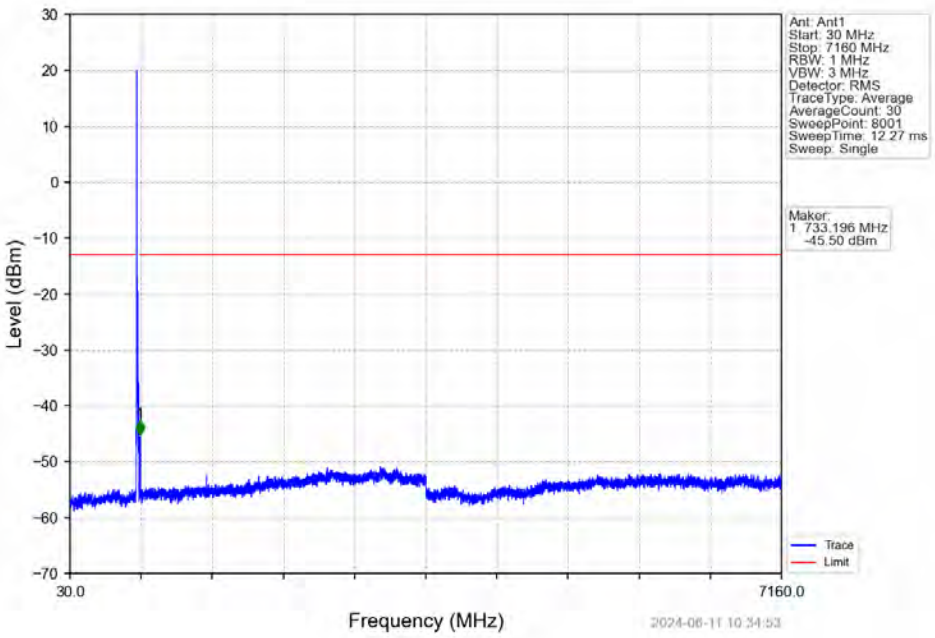
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-36.04	-13	Pass
716.1	726	0.1	CHP	2	716.158	-32.97	-13	Pass

Band12_10MHz_16QAM_LCH_704MHz_RB_1_0_NTNV

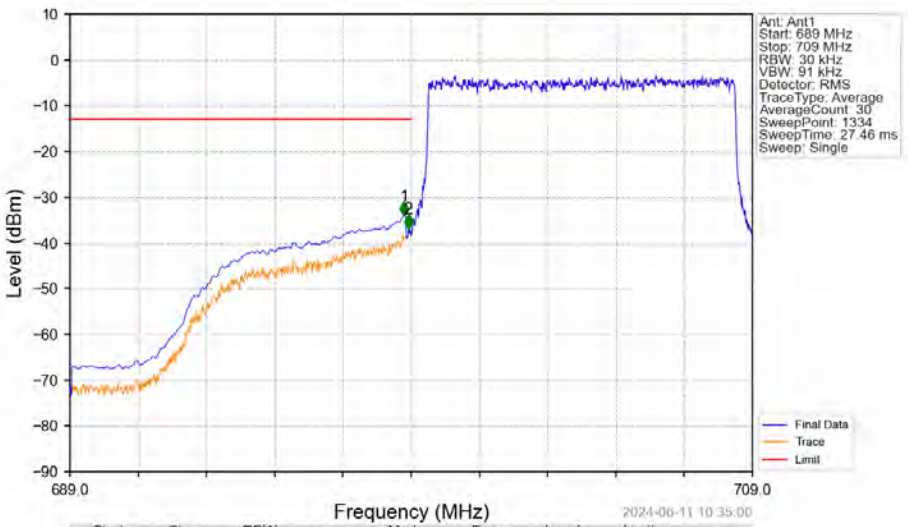


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-23.23	-13	Pass
698.9	699	0.03	/	2	698.977	-25.49	-13	Pass
699	709	0.03	/	/	/	/	/	/

Band12_10MHz_16QAM_LCH_704MHz_RB_1_0_NTNV

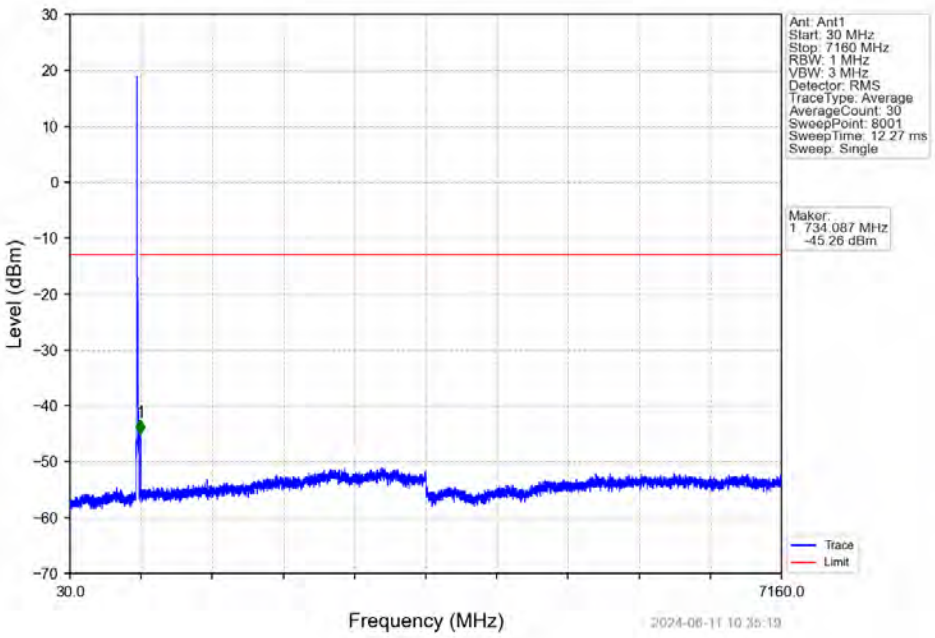


Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV

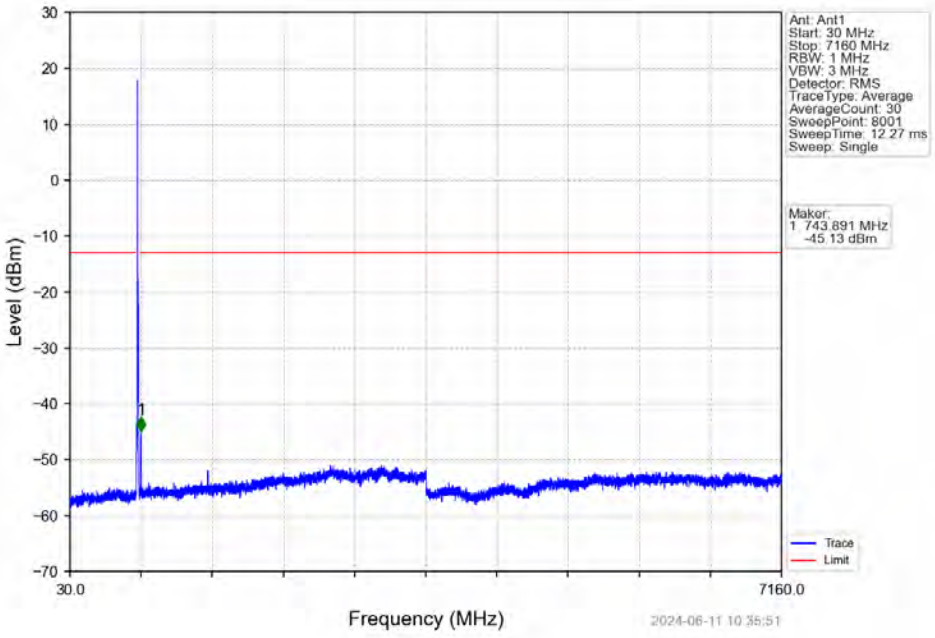


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.797	-34.04	-13	Pass
698.9	699	0.03	/	2	698.917	-36.90	-13	Pass
699	709	0.03	/	/	/	/	/	/

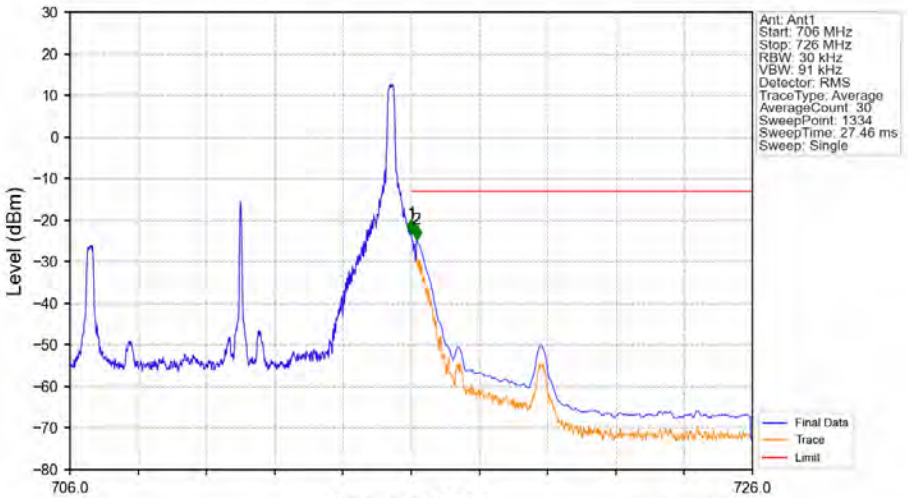
Band12_10MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV

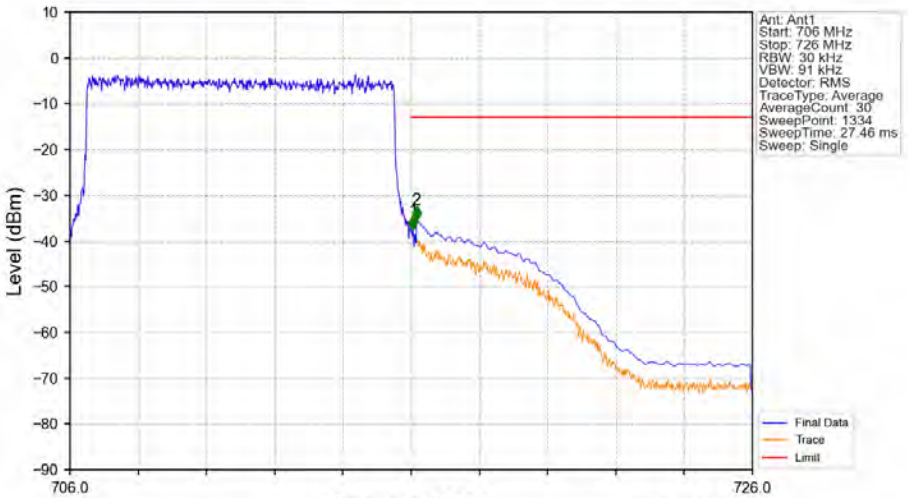


Band12_10MHz_16QAM_HCH_711MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-23.24	-13	Pass
716.1	726	0.1	CHP	2	716.158	-24.62	-13	Pass

Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.053	-37.66	-13	Pass
716.1	726	0.1	CHP	2	716.158	-35.43	-13	Pass

7. Form731

7.1 Form731_Power

7.1.1 Test Result

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	0.1600	0.0144	ppm	1M13G7D	27H	22.04
12	1.4	699.7	715.3	0.1285	0.0217	ppm	1M11W7D	27H	21.09
12	3	700.5	714.5	0.1432	0.0199	ppm	2M73G7D	27H	21.56
12	3	700.5	714.5	0.1245	0.0157	ppm	2M73W7D	27H	20.95
12	5	701.5	713.5	0.1393	0.0338	ppm	4M58G7D	27H	21.44
12	5	701.5	713.5	0.1114	0.0165	ppm	4M59W7D	27H	20.47
12	10	704	711	0.1422	0.0134	ppm	9M11G7D	27H	21.53
12	10	704	711	0.1233	0.0139	ppm	9M10W7D	27H	20.91

7.2 Form731_ERP

7.2.1 Test Result

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	0.0809	0.0144	ppm	1M13G7D	27H	19.08
12	1.4	699.7	715.3	0.0650	0.0217	ppm	1M11W7D	27H	18.13
12	3	700.5	714.5	0.0724	0.0199	ppm	2M73G7D	27H	18.60
12	3	700.5	714.5	0.0630	0.0157	ppm	2M73W7D	27H	17.99
12	5	701.5	713.5	0.0705	0.0338	ppm	4M58G7D	27H	18.48
12	5	701.5	713.5	0.0564	0.0165	ppm	4M59W7D	27H	17.51
12	10	704	711	0.0719	0.0134	ppm	9M11G7D	27H	18.57
12	10	704	711	0.0624	0.0139	ppm	9M10W7D	27H	17.95