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	22.22	-4.53	15.54	<=34.77	Pass
			2	22.24	-4.53	15.56	<=34.77	Pass
			5	22.13	-4.53	15.45	<=34.77	Pass
		3	0	22.18	-4.53	15.50	<=34.77	Pass
			2	22.15	-4.53	15.47	<=34.77	Pass
			3	22.16	-4.53	15.48	<=34.77	Pass
		6	0	21.09	-4.53	14.41	<=34.77	Pass
	707.5	1	0	22.14	-4.53	15.46	<=34.77	Pass
			2	22.21	-4.53	15.53	<=34.77	Pass
			5	22.16	-4.53	15.48	<=34.77	Pass
		3	0	22.21	-4.53	15.53	<=34.77	Pass
			2	22.27	-4.53	15.59	<=34.77	Pass
			3	22.30	-4.53	15.62	<=34.77	Pass
		6	0	21.22	-4.53	14.54	<=34.77	Pass
	715.3	1	0	22.21	-4.53	15.53	<=34.77	Pass
			2	22.31	-4.53	15.63	<=34.77	Pass
			5	22.26	-4.53	15.58	<=34.77	Pass
		3	0	22.34	-4.53	15.66	<=34.77	Pass
			2	22.40	-4.53	15.72	<=34.77	Pass
			3	22.34	-4.53	15.66	<=34.77	Pass
		6	0	21.25	-4.53	14.57	<=34.77	Pass
16QAM	699.7	1	0	21.08	-4.53	14.40	<=34.77	Pass
			2	21.19	-4.53	14.51	<=34.77	Pass
			5	21.12	-4.53	14.44	<=34.77	Pass
		3	0	21.25	-4.53	14.57	<=34.77	Pass
			2	21.28	-4.53	14.60	<=34.77	Pass
			3	21.26	-4.53	14.58	<=34.77	Pass
		6	0	20.12	-4.53	13.44	<=34.77	Pass
	707.5	1	0	21.23	-4.53	14.55	<=34.77	Pass
			2	21.38	-4.53	14.70	<=34.77	Pass
			5	21.31	-4.53	14.63	<=34.77	Pass
		3	0	21.20	-4.53	14.52	<=34.77	Pass
			2	21.23	-4.53	14.55	<=34.77	Pass
			3	21.27	-4.53	14.59	<=34.77	Pass
		6	0	20.27	-4.53	13.59	<=34.77	Pass
	715.3	1	0	21.15	-4.53	14.47	<=34.77	Pass
			2	21.29	-4.53	14.61	<=34.77	Pass
			5	21.23	-4.53	14.55	<=34.77	Pass
		3	0	21.48	-4.53	14.80	<=34.77	Pass
			2	21.56	-4.53	14.88	<=34.77	Pass
			3	21.51	-4.53	14.83	<=34.77	Pass
		6	0	20.33	-4.53	13.65	<=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	22.20	-4.53	15.52	<=34.77	Pass
			7	22.29	-4.53	15.61	<=34.77	Pass
			14	22.14	-4.53	15.46	<=34.77	Pass
		8	0	21.12	-4.53	14.44	<=34.77	Pass
			4	21.18	-4.53	14.50	<=34.77	Pass
			7	21.15	-4.53	14.47	<=34.77	Pass
		15	0	21.15	-4.53	14.47	<=34.77	Pass
	707.5	1	0	22.12	-4.53	15.44	<=34.77	Pass
			7	22.29	-4.53	15.61	<=34.77	Pass
			14	22.63	-4.53	15.95	<=34.77	Pass
		8	0	21.40	-4.53	14.72	<=34.77	Pass
			4	21.46	-4.53	14.78	<=34.77	Pass
			7	21.38	-4.53	14.70	<=34.77	Pass
		15	0	21.40	-4.53	14.72	<=34.77	Pass
	714.5	1	0	22.41	-4.53	15.73	<=34.77	Pass
			7	22.60	-4.53	15.92	<=34.77	Pass
			14	22.50	-4.53	15.82	<=34.77	Pass
		8	0	21.45	-4.53	14.77	<=34.77	Pass
			4	21.53	-4.53	14.85	<=34.77	Pass
			7	21.50	-4.53	14.82	<=34.77	Pass
		15	0	21.47	-4.53	14.79	<=34.77	Pass
16QAM	700.5	1	0	21.24	-4.53	14.56	<=34.77	Pass
			7	21.32	-4.53	14.64	<=34.77	Pass
			14	21.17	-4.53	14.49	<=34.77	Pass
		8	0	20.19	-4.53	13.51	<=34.77	Pass
			4	20.27	-4.53	13.59	<=34.77	Pass
			7	20.22	-4.53	13.54	<=34.77	Pass
		15	0	20.21	-4.53	13.53	<=34.77	Pass
	707.5	1	0	21.53	-4.53	14.85	<=34.77	Pass
			7	21.70	-4.53	15.02	<=34.77	Pass
			14	21.56	-4.53	14.88	<=34.77	Pass
		8	0	20.38	-4.53	13.70	<=34.77	Pass
			4	20.46	-4.53	13.78	<=34.77	Pass
			7	20.40	-4.53	13.72	<=34.77	Pass
		15	0	20.39	-4.53	13.71	<=34.77	Pass
	714.5	1	0	22.03	-4.53	15.35	<=34.77	Pass
			7	22.19	-4.53	15.51	<=34.77	Pass
			14	22.04	-4.53	15.36	<=34.77	Pass
		8	0	20.65	-4.53	13.97	<=34.77	Pass
			4	20.73	-4.53	14.05	<=34.77	Pass
			7	20.67	-4.53	13.99	<=34.77	Pass
		15	0	20.55	-4.53	13.87	<=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	22.22	-4.53	15.54	<=34.77	Pass
			13	22.33	-4.53	15.65	<=34.77	Pass
			24	22.26	-4.53	15.58	<=34.77	Pass

		12	0	21.16	-4.53	14.48	<=34.77	Pass
			6	21.34	-4.53	14.66	<=34.77	Pass
			13	21.38	-4.53	14.70	<=34.77	Pass
		25	0	21.31	-4.53	14.63	<=34.77	Pass
	707.5	1	0	22.20	-4.53	15.52	<=34.77	Pass
			13	22.39	-4.53	15.71	<=34.77	Pass
			24	22.32	-4.53	15.64	<=34.77	Pass
		12	0	21.35	-4.53	14.67	<=34.77	Pass
			6	21.40	-4.53	14.72	<=34.77	Pass
			13	21.37	-4.53	14.69	<=34.77	Pass
		25	0	21.37	-4.53	14.69	<=34.77	Pass
	713.5	1	0	22.38	-4.53	15.70	<=34.77	Pass
			13	22.49	-4.53	15.81	<=34.77	Pass
			24	22.45	-4.53	15.77	<=34.77	Pass
		12	0	21.38	-4.53	14.70	<=34.77	Pass
			6	21.47	-4.53	14.79	<=34.77	Pass
			13	21.44	-4.53	14.76	<=34.77	Pass
		25	0	21.42	-4.53	14.74	<=34.77	Pass
16QAM	701.5	1	0	21.36	-4.53	14.68	<=34.77	Pass
			13	21.43	-4.53	14.75	<=34.77	Pass
			24	21.38	-4.53	14.70	<=34.77	Pass
		12	0	20.15	-4.53	13.47	<=34.77	Pass
			6	20.33	-4.53	13.65	<=34.77	Pass
			13	20.40	-4.53	13.72	<=34.77	Pass
		25	0	20.34	-4.53	13.66	<=34.77	Pass
	707.5	1	0	21.50	-4.53	14.82	<=34.77	Pass
			13	21.65	-4.53	14.97	<=34.77	Pass
			24	21.62	-4.53	14.94	<=34.77	Pass
		12	0	20.39	-4.53	13.71	<=34.77	Pass
			6	20.48	-4.53	13.80	<=34.77	Pass
			13	20.39	-4.53	13.71	<=34.77	Pass
		25	0	20.41	-4.53	13.73	<=34.77	Pass
	713.5	1	0	21.21	-4.53	14.53	<=34.77	Pass
			13	21.31	-4.53	14.63	<=34.77	Pass
			24	21.32	-4.53	14.64	<=34.77	Pass
		12	0	20.39	-4.53	13.71	<=34.77	Pass
			6	20.49	-4.53	13.81	<=34.77	Pass
			13	20.47	-4.53	13.79	<=34.77	Pass
		25	0	20.50	-4.53	13.82	<=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	22.27	-4.53	15.59	<=34.77	Pass
			25	22.43	-4.53	15.75	<=34.77	Pass
			49	22.42	-4.53	15.74	<=34.77	Pass
		25	0	21.18	-4.53	14.50	<=34.77	Pass
			13	21.32	-4.53	14.64	<=34.77	Pass
			25	21.30	-4.53	14.62	<=34.77	Pass
		50	0	21.19	-4.53	14.51	<=34.77	Pass
	707.5	1	0	22.22	-4.53	15.54	<=34.77	Pass
			25	22.46	-4.53	15.78	<=34.77	Pass

			49	22.41	-4.53	15.73	<=34.77	Pass
		25	0	21.46	-4.53	14.78	<=34.77	Pass
			13	21.39	-4.53	14.71	<=34.77	Pass
			25	21.43	-4.53	14.75	<=34.77	Pass
		50	0	21.43	-4.53	14.75	<=34.77	Pass
	711	1	0	22.21	-4.53	15.53	<=34.77	Pass
			25	22.50	-4.53	15.82	<=34.77	Pass
			49	22.44	-4.53	15.76	<=34.77	Pass
		25	0	21.50	-4.53	14.82	<=34.77	Pass
			13	21.45	-4.53	14.77	<=34.77	Pass
			25	21.55	-4.53	14.87	<=34.77	Pass
		50	0	21.54	-4.53	14.86	<=34.77	Pass
16QAM	704	1	0	21.29	-4.53	14.61	<=34.77	Pass
			25	21.47	-4.53	14.79	<=34.77	Pass
			49	21.39	-4.53	14.71	<=34.77	Pass
		25	0	20.25	-4.53	13.57	<=34.77	Pass
			13	20.43	-4.53	13.75	<=34.77	Pass
			25	20.39	-4.53	13.71	<=34.77	Pass
		50	0	20.25	-4.53	13.57	<=34.77	Pass
	707.5	1	0	21.39	-4.53	14.71	<=34.77	Pass
			25	21.68	-4.53	15.00	<=34.77	Pass
			49	21.61	-4.53	14.93	<=34.77	Pass
		25	0	20.50	-4.53	13.82	<=34.77	Pass
			13	20.45	-4.53	13.77	<=34.77	Pass
			25	20.51	-4.53	13.83	<=34.77	Pass
		50	0	20.45	-4.53	13.77	<=34.77	Pass
	711	1	0	21.83	-4.53	15.15	<=34.77	Pass
			25	22.18	-4.53	15.50	<=34.77	Pass
			49	22.04	-4.53	15.36	<=34.77	Pass
		25	0	20.60	-4.53	13.92	<=34.77	Pass
			13	20.56	-4.53	13.88	<=34.77	Pass
			25	20.64	-4.53	13.96	<=34.77	Pass
		50	0	20.56	-4.53	13.88	<=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	-4.077	-0.0058	-2.5 to 2.5	Pass
					3.85	-9.499	-0.0136	-2.5 to 2.5	Pass
					4.43	-10.242	-0.0146	-2.5 to 2.5	Pass
				-30	3.85	-4.907	-0.0070	-2.5 to 2.5	Pass
				-20	3.85	-1.559	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-9.799	-0.0140	-2.5 to 2.5	Pass
				0	3.85	-9.913	-0.0142	-2.5 to 2.5	Pass
				10	3.85	-4.835	-0.0069	-2.5 to 2.5	Pass
				30	3.85	-5.050	-0.0072	-2.5 to 2.5	Pass
				40	3.85	-6.423	-0.0092	-2.5 to 2.5	Pass
				50	3.85	-6.766	-0.0097	-2.5 to 2.5	Pass
	707.5	6	0	20	3.27	-15.607	-0.0221	-2.5 to 2.5	Pass

					3.85	-0.057	-0.0001	-2.5 to 2.5	Pass
					4.43	-4.320	-0.0061	-2.5 to 2.5	Pass
				-30	3.85	-5.937	-0.0084	-2.5 to 2.5	Pass
				-20	3.85	-7.210	-0.0102	-2.5 to 2.5	Pass
				-10	3.85	-5.121	-0.0072	-2.5 to 2.5	Pass
				0	3.85	-10.042	-0.0142	-2.5 to 2.5	Pass
				10	3.85	-9.298	-0.0131	-2.5 to 2.5	Pass
				30	3.85	-5.250	-0.0074	-2.5 to 2.5	Pass
				40	3.85	-2.246	-0.0032	-2.5 to 2.5	Pass
				50	3.85	-3.133	-0.0044	-2.5 to 2.5	Pass
	715.3	6	0		3.27	-5.121	-0.0072	-2.5 to 2.5	Pass
				20	3.85	-6.609	-0.0092	-2.5 to 2.5	Pass
					4.43	-7.138	-0.0100	-2.5 to 2.5	Pass
				-30	3.85	-12.646	-0.0177	-2.5 to 2.5	Pass
				-20	3.85	-5.307	-0.0074	-2.5 to 2.5	Pass
				-10	3.85	-7.625	-0.0107	-2.5 to 2.5	Pass
				0	3.85	-9.012	-0.0126	-2.5 to 2.5	Pass
				10	3.85	-4.749	-0.0066	-2.5 to 2.5	Pass
				30	3.85	-8.426	-0.0118	-2.5 to 2.5	Pass
				40	3.85	-5.507	-0.0077	-2.5 to 2.5	Pass
				50	3.85	-5.207	-0.0073	-2.5 to 2.5	Pass
16QAM	699.7	6	0		3.27	-2.403	-0.0034	-2.5 to 2.5	Pass
				20	3.85	-2.589	-0.0037	-2.5 to 2.5	Pass
					4.43	-6.309	-0.0090	-2.5 to 2.5	Pass
				-30	3.85	-4.721	-0.0067	-2.5 to 2.5	Pass
				-20	3.85	-5.035	-0.0072	-2.5 to 2.5	Pass
				-10	3.85	-5.207	-0.0074	-2.5 to 2.5	Pass
				0	3.85	-10.171	-0.0145	-2.5 to 2.5	Pass
				10	3.85	-2.389	-0.0034	-2.5 to 2.5	Pass
				30	3.85	-3.290	-0.0047	-2.5 to 2.5	Pass
				40	3.85	-6.595	-0.0094	-2.5 to 2.5	Pass
				50	3.85	-2.947	-0.0042	-2.5 to 2.5	Pass
	707.5	6	0		3.27	-10.457	-0.0148	-2.5 to 2.5	Pass
				20	3.85	-3.805	-0.0054	-2.5 to 2.5	Pass
					4.43	-10.314	-0.0146	-2.5 to 2.5	Pass
				-30	3.85	-6.838	-0.0097	-2.5 to 2.5	Pass
				-20	3.85	-7.725	-0.0109	-2.5 to 2.5	Pass
				-10	3.85	-9.642	-0.0136	-2.5 to 2.5	Pass
				0	3.85	-4.334	-0.0061	-2.5 to 2.5	Pass
				10	3.85	-11.659	-0.0165	-2.5 to 2.5	Pass
				30	3.85	-11.415	-0.0161	-2.5 to 2.5	Pass
				40	3.85	-3.304	-0.0047	-2.5 to 2.5	Pass
				50	3.85	-7.038	-0.0099	-2.5 to 2.5	Pass
	715.3	6	0		3.27	-1.216	-0.0017	-2.5 to 2.5	Pass
				20	3.85	-4.005	-0.0056	-2.5 to 2.5	Pass
					4.43	-4.392	-0.0061	-2.5 to 2.5	Pass
				-30	3.85	-2.632	-0.0037	-2.5 to 2.5	Pass
				-20	3.85	-8.740	-0.0122	-2.5 to 2.5	Pass
				-10	3.85	-5.007	-0.0070	-2.5 to 2.5	Pass
				0	3.85	-7.038	-0.0098	-2.5 to 2.5	Pass
				10	3.85	-8.669	-0.0121	-2.5 to 2.5	Pass
				30	3.85	-1.416	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-2.017	-0.0028	-2.5 to 2.5	Pass
				50	3.85	-2.704	-0.0038	-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	-5.250	-0.0075	-2.5 to 2.5	Pass
					3.85	-11.215	-0.0160	-2.5 to 2.5	Pass
					4.43	-4.005	-0.0057	-2.5 to 2.5	Pass
				-30	3.85	-2.804	-0.0040	-2.5 to 2.5	Pass
				-20	3.85	-4.292	-0.0061	-2.5 to 2.5	Pass
				-10	3.85	-7.410	-0.0106	-2.5 to 2.5	Pass
				0	3.85	-2.732	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-8.984	-0.0128	-2.5 to 2.5	Pass
				30	3.85	-9.098	-0.0130	-2.5 to 2.5	Pass
				40	3.85	1.831	0.0026	-2.5 to 2.5	Pass
				50	3.85	-9.542	-0.0136	-2.5 to 2.5	Pass
	707.5	15	0	20	3.27	-7.753	-0.0110	-2.5 to 2.5	Pass
					3.85	-5.608	-0.0079	-2.5 to 2.5	Pass
					4.43	-5.980	-0.0085	-2.5 to 2.5	Pass
				-30	3.85	-5.937	-0.0084	-2.5 to 2.5	Pass
				-20	3.85	-5.121	-0.0072	-2.5 to 2.5	Pass
				-10	3.85	-5.822	-0.0082	-2.5 to 2.5	Pass
				0	3.85	-5.751	-0.0081	-2.5 to 2.5	Pass
				10	3.85	-7.310	-0.0103	-2.5 to 2.5	Pass
				30	3.85	-4.206	-0.0059	-2.5 to 2.5	Pass
				40	3.85	-7.167	-0.0101	-2.5 to 2.5	Pass
				50	3.85	-6.037	-0.0085	-2.5 to 2.5	Pass
	714.5	15	0	20	3.27	-1.974	-0.0028	-2.5 to 2.5	Pass
					3.85	-5.865	-0.0082	-2.5 to 2.5	Pass
					4.43	-5.908	-0.0083	-2.5 to 2.5	Pass
				-30	3.85	-5.751	-0.0080	-2.5 to 2.5	Pass
				-20	3.85	-3.405	-0.0048	-2.5 to 2.5	Pass
				-10	3.85	-8.926	-0.0125	-2.5 to 2.5	Pass
				0	3.85	-9.570	-0.0134	-2.5 to 2.5	Pass
				10	3.85	-12.589	-0.0176	-2.5 to 2.5	Pass
				30	3.85	-13.089	-0.0183	-2.5 to 2.5	Pass
				40	3.85	-9.341	-0.0131	-2.5 to 2.5	Pass
				50	3.85	-7.081	-0.0099	-2.5 to 2.5	Pass
16QAM	700.5	15	0	20	3.27	-6.881	-0.0098	-2.5 to 2.5	Pass
					3.85	-5.379	-0.0077	-2.5 to 2.5	Pass
					4.43	-9.527	-0.0136	-2.5 to 2.5	Pass
				-30	3.85	-4.835	-0.0069	-2.5 to 2.5	Pass
				-20	3.85	-1.516	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-7.081	-0.0101	-2.5 to 2.5	Pass
				0	3.85	-4.778	-0.0068	-2.5 to 2.5	Pass
				10	3.85	-5.207	-0.0074	-2.5 to 2.5	Pass
				30	3.85	-9.470	-0.0135	-2.5 to 2.5	Pass
				40	3.85	-10.943	-0.0156	-2.5 to 2.5	Pass
				50	3.85	-0.257	-0.0004	-2.5 to 2.5	Pass
	707.5	15	0	20	3.27	-4.249	-0.0060	-2.5 to 2.5	Pass
					3.85	-11.930	-0.0169	-2.5 to 2.5	Pass
					4.43	-9.298	-0.0131	-2.5 to 2.5	Pass
				-30	3.85	-8.039	-0.0114	-2.5 to 2.5	Pass
				-20	3.85	-0.587	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-4.091	-0.0058	-2.5 to 2.5	Pass
				0	3.85	-5.293	-0.0075	-2.5 to 2.5	Pass
				10	3.85	-3.004	-0.0042	-2.5 to 2.5	Pass
				30	3.85	-3.090	-0.0044	-2.5 to 2.5	Pass
				40	3.85	-4.206	-0.0059	-2.5 to 2.5	Pass

				50	3.85	-4.020	-0.0057	-2.5 to 2.5	Pass
	714.5	15	0	20	3.27	-5.093	-0.0071	-2.5 to 2.5	Pass
					3.85	-7.668	-0.0107	-2.5 to 2.5	Pass
					4.43	-6.723	-0.0094	-2.5 to 2.5	Pass
				-30	3.85	-14.391	-0.0201	-2.5 to 2.5	Pass
				-20	3.85	-8.039	-0.0113	-2.5 to 2.5	Pass
				-10	3.85	-3.033	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-8.311	-0.0116	-2.5 to 2.5	Pass
				10	3.85	-3.662	-0.0051	-2.5 to 2.5	Pass
				30	3.85	-7.939	-0.0111	-2.5 to 2.5	Pass
				40	3.85	-11.244	-0.0157	-2.5 to 2.5	Pass
				50	3.85	-6.022	-0.0084	-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	-3.819	-0.0054	-2.5 to 2.5	Pass
					3.85	-11.401	-0.0163	-2.5 to 2.5	Pass
					4.43	-0.758	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-4.992	-0.0071	-2.5 to 2.5	Pass
				-20	3.85	-5.522	-0.0079	-2.5 to 2.5	Pass
				-10	3.85	-4.935	-0.0070	-2.5 to 2.5	Pass
				0	3.85	-3.762	-0.0054	-2.5 to 2.5	Pass
				10	3.85	-2.317	-0.0033	-2.5 to 2.5	Pass
				30	3.85	-3.290	-0.0047	-2.5 to 2.5	Pass
				40	3.85	-2.875	-0.0041	-2.5 to 2.5	Pass
				50	3.85	-0.515	-0.0007	-2.5 to 2.5	Pass
	707.5	25	0	20	3.27	-0.944	-0.0013	-2.5 to 2.5	Pass
					3.85	-6.051	-0.0086	-2.5 to 2.5	Pass
					4.43	-7.782	-0.0110	-2.5 to 2.5	Pass
				-30	3.85	-10.772	-0.0152	-2.5 to 2.5	Pass
				-20	3.85	-6.137	-0.0087	-2.5 to 2.5	Pass
				-10	3.85	-9.441	-0.0133	-2.5 to 2.5	Pass
				0	3.85	-2.060	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-2.360	-0.0033	-2.5 to 2.5	Pass
				30	3.85	-2.189	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-7.110	-0.0100	-2.5 to 2.5	Pass
				50	3.85	-4.563	-0.0064	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-8.941	-0.0125	-2.5 to 2.5	Pass
					3.85	-5.622	-0.0079	-2.5 to 2.5	Pass
					4.43	-4.606	-0.0065	-2.5 to 2.5	Pass
				-30	3.85	-7.339	-0.0103	-2.5 to 2.5	Pass
				-20	3.85	-11.115	-0.0156	-2.5 to 2.5	Pass
				-10	3.85	-5.107	-0.0072	-2.5 to 2.5	Pass
				0	3.85	-9.756	-0.0137	-2.5 to 2.5	Pass
				10	3.85	-5.980	-0.0084	-2.5 to 2.5	Pass
				30	3.85	-6.423	-0.0090	-2.5 to 2.5	Pass
				40	3.85	-5.121	-0.0072	-2.5 to 2.5	Pass
				50	3.85	-8.168	-0.0114	-2.5 to 2.5	Pass
16QAM	701.5	25	0	20	3.27	-4.163	-0.0059	-2.5 to 2.5	Pass
					3.85	-7.138	-0.0102	-2.5 to 2.5	Pass
					4.43	-6.452	-0.0092	-2.5 to 2.5	Pass
				-30	3.85	-9.756	-0.0139	-2.5 to 2.5	Pass

				-20	3.85	-2.232	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-7.024	-0.0100	-2.5 to 2.5	Pass
				0	3.85	-9.627	-0.0137	-2.5 to 2.5	Pass
				10	3.85	-6.609	-0.0094	-2.5 to 2.5	Pass
				30	3.85	-8.240	-0.0117	-2.5 to 2.5	Pass
				40	3.85	-6.623	-0.0094	-2.5 to 2.5	Pass
				50	3.85	-6.552	-0.0093	-2.5 to 2.5	Pass
	707.5	25	0	20	3.27	-4.048	-0.0057	-2.5 to 2.5	Pass
					3.85	-0.286	-0.0004	-2.5 to 2.5	Pass
					4.43	-5.980	-0.0085	-2.5 to 2.5	Pass
				-30	3.85	-7.052	-0.0100	-2.5 to 2.5	Pass
				-20	3.85	-9.527	-0.0135	-2.5 to 2.5	Pass
				-10	3.85	-5.679	-0.0080	-2.5 to 2.5	Pass
				0	3.85	-3.533	-0.0050	-2.5 to 2.5	Pass
				10	3.85	-0.544	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-1.330	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-0.830	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-8.125	-0.0115	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-9.255	-0.0130	-2.5 to 2.5	Pass
					3.85	-10.314	-0.0145	-2.5 to 2.5	Pass
					4.43	-8.097	-0.0113	-2.5 to 2.5	Pass
				-30	3.85	-7.896	-0.0111	-2.5 to 2.5	Pass
				-20	3.85	-12.946	-0.0181	-2.5 to 2.5	Pass
				-10	3.85	-8.054	-0.0113	-2.5 to 2.5	Pass
				0	3.85	-10.915	-0.0153	-2.5 to 2.5	Pass
				10	3.85	-6.366	-0.0089	-2.5 to 2.5	Pass
				30	3.85	-12.431	-0.0174	-2.5 to 2.5	Pass
				40	3.85	-9.527	-0.0134	-2.5 to 2.5	Pass
				50	3.85	-11.215	-0.0157	-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	-4.778	-0.0068	-2.5 to 2.5	Pass
					3.85	-7.367	-0.0105	-2.5 to 2.5	Pass
					4.43	-7.567	-0.0107	-2.5 to 2.5	Pass
				-30	3.85	-4.935	-0.0070	-2.5 to 2.5	Pass
				-20	3.85	-0.973	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-6.909	-0.0098	-2.5 to 2.5	Pass
				0	3.85	-5.007	-0.0071	-2.5 to 2.5	Pass
				10	3.85	-6.723	-0.0095	-2.5 to 2.5	Pass
				30	3.85	-6.366	-0.0090	-2.5 to 2.5	Pass
				40	3.85	-5.951	-0.0085	-2.5 to 2.5	Pass
				50	3.85	-6.967	-0.0099	-2.5 to 2.5	Pass
	707.5	50	0	20	3.27	-3.533	-0.0050	-2.5 to 2.5	Pass
					3.85	-4.077	-0.0058	-2.5 to 2.5	Pass
					4.43	-4.506	-0.0064	-2.5 to 2.5	Pass
				-30	3.85	-4.206	-0.0059	-2.5 to 2.5	Pass
				-20	3.85	-7.496	-0.0106	-2.5 to 2.5	Pass
				-10	3.85	-7.682	-0.0109	-2.5 to 2.5	Pass
				0	3.85	-8.912	-0.0126	-2.5 to 2.5	Pass
				10	3.85	-7.038	-0.0099	-2.5 to 2.5	Pass
				30	3.85	-3.176	-0.0045	-2.5 to 2.5	Pass

				40	3.85	-6.781	-0.0096	-2.5 to 2.5	Pass
				50	3.85	-2.747	-0.0039	-2.5 to 2.5	Pass
					3.27	-7.668	-0.0108	-2.5 to 2.5	Pass
				20	3.85	-6.909	-0.0097	-2.5 to 2.5	Pass
					4.43	-7.367	-0.0104	-2.5 to 2.5	Pass
				-30	3.85	-7.181	-0.0101	-2.5 to 2.5	Pass
				-20	3.85	-8.783	-0.0124	-2.5 to 2.5	Pass
	711	50	0	-10	3.85	-5.193	-0.0073	-2.5 to 2.5	Pass
				0	3.85	-5.350	-0.0075	-2.5 to 2.5	Pass
				10	3.85	-5.350	-0.0075	-2.5 to 2.5	Pass
				30	3.85	-3.705	-0.0052	-2.5 to 2.5	Pass
				40	3.85	-5.422	-0.0076	-2.5 to 2.5	Pass
				50	3.85	-6.680	-0.0094	-2.5 to 2.5	Pass
					3.27	-5.021	-0.0071	-2.5 to 2.5	Pass
				20	3.85	-5.894	-0.0084	-2.5 to 2.5	Pass
					4.43	-2.961	-0.0042	-2.5 to 2.5	Pass
				-30	3.85	-6.251	-0.0089	-2.5 to 2.5	Pass
				-20	3.85	-4.163	-0.0059	-2.5 to 2.5	Pass
	704	50	0	-10	3.85	-4.563	-0.0065	-2.5 to 2.5	Pass
				0	3.85	-4.792	-0.0068	-2.5 to 2.5	Pass
				10	3.85	-6.309	-0.0090	-2.5 to 2.5	Pass
				30	3.85	-5.608	-0.0080	-2.5 to 2.5	Pass
				40	3.85	-6.123	-0.0087	-2.5 to 2.5	Pass
				50	3.85	-3.834	-0.0054	-2.5 to 2.5	Pass
					3.27	-8.268	-0.0117	-2.5 to 2.5	Pass
				20	3.85	-6.452	-0.0091	-2.5 to 2.5	Pass
					4.43	-3.018	-0.0043	-2.5 to 2.5	Pass
				-30	3.85	-6.537	-0.0092	-2.5 to 2.5	Pass
				-20	3.85	-5.364	-0.0076	-2.5 to 2.5	Pass
16QAM	707.5	50	0	-10	3.85	-5.722	-0.0081	-2.5 to 2.5	Pass
				0	3.85	-6.337	-0.0090	-2.5 to 2.5	Pass
				10	3.85	-5.708	-0.0081	-2.5 to 2.5	Pass
				30	3.85	-4.606	-0.0065	-2.5 to 2.5	Pass
				40	3.85	-3.319	-0.0047	-2.5 to 2.5	Pass
				50	3.85	-5.178	-0.0073	-2.5 to 2.5	Pass
					3.27	-7.095	-0.0100	-2.5 to 2.5	Pass
				20	3.85	-6.151	-0.0087	-2.5 to 2.5	Pass
					4.43	-10.800	-0.0152	-2.5 to 2.5	Pass
				-30	3.85	-2.174	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-3.362	-0.0047	-2.5 to 2.5	Pass
	711	50	0	-10	3.85	-8.597	-0.0121	-2.5 to 2.5	Pass
				0	3.85	-6.495	-0.0091	-2.5 to 2.5	Pass
				10	3.85	-6.495	-0.0091	-2.5 to 2.5	Pass
				30	3.85	-5.937	-0.0084	-2.5 to 2.5	Pass
				40	3.85	-4.735	-0.0067	-2.5 to 2.5	Pass
				50	3.85	-9.613	-0.0135	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 B12_1.4MHz

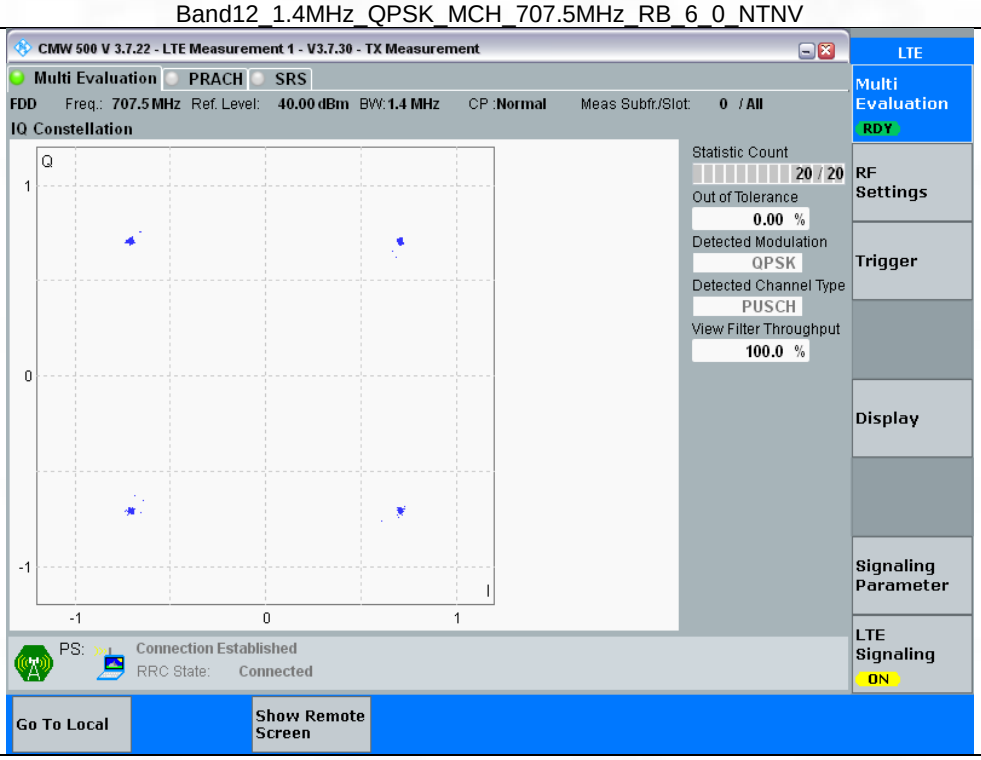
3.1.1 Test Result

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

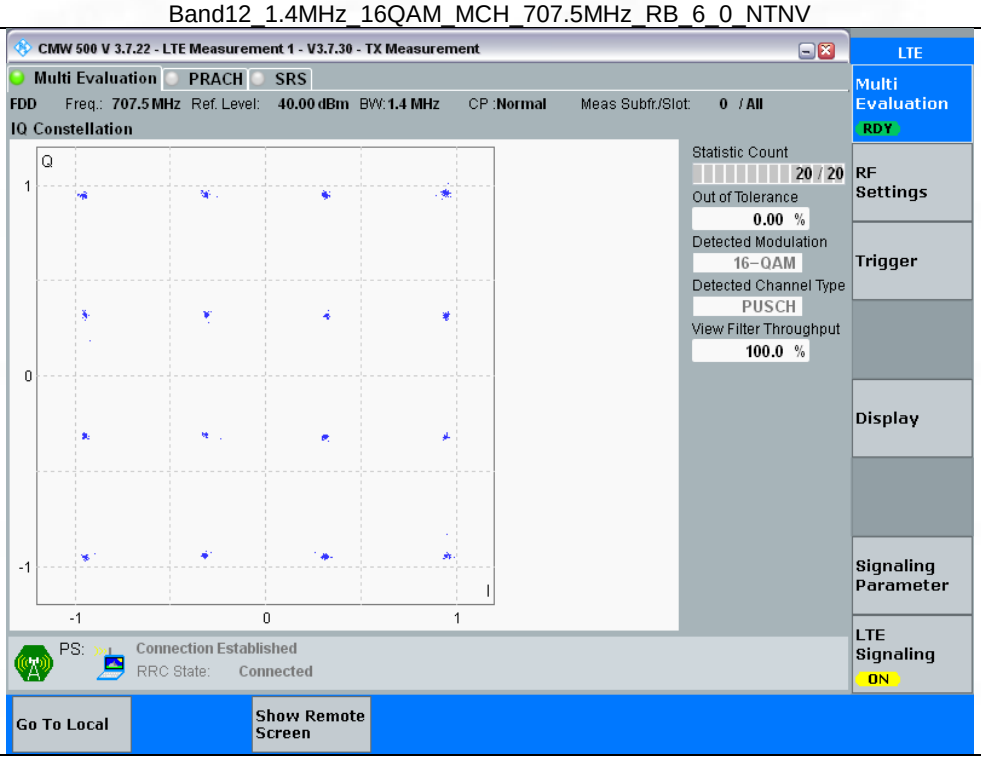
QPSK	707.5	6	0	Refer To Test Graph	Pass
16QAM	707.5	6	0	Refer To Test Graph	Pass

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



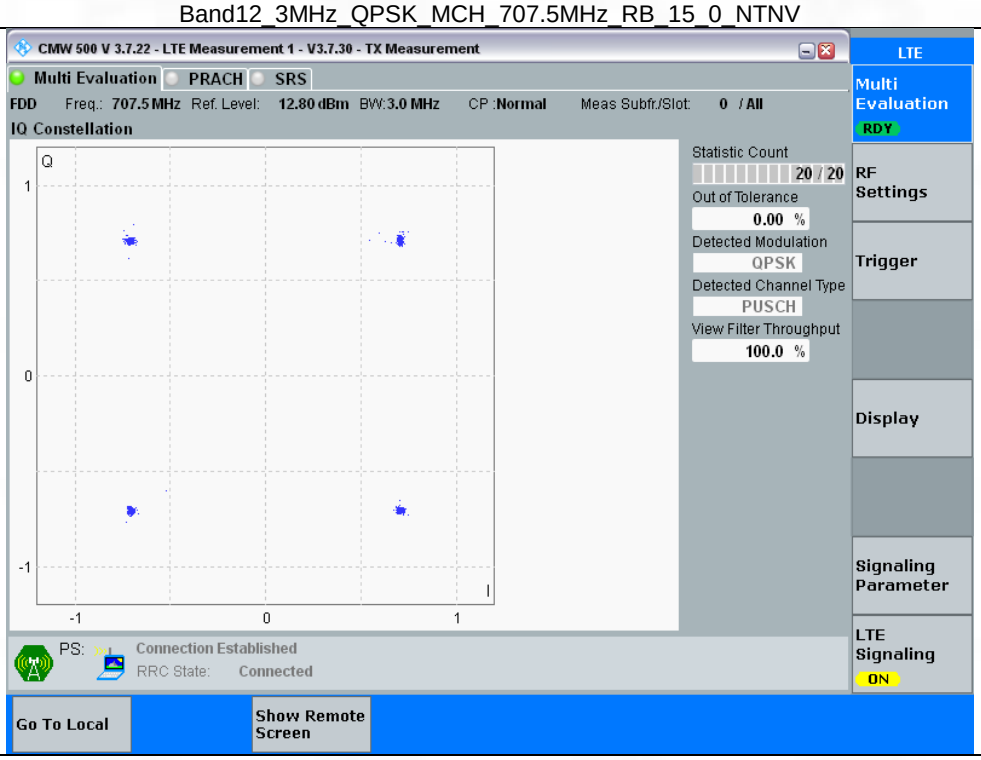
3.2 B12_3MHz

3.2.1 Test Result

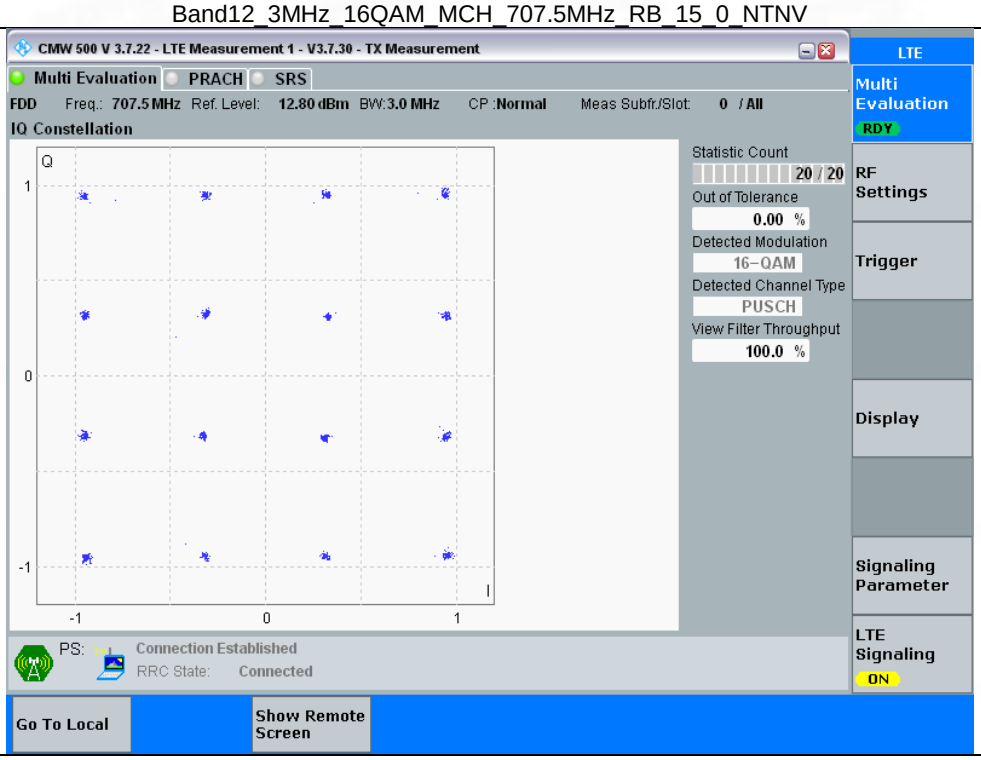
Band: 12 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	707.5	15	0	Refer To Test Graph		Pass
16QAM	707.5	15	0	Refer To Test Graph		Pass

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



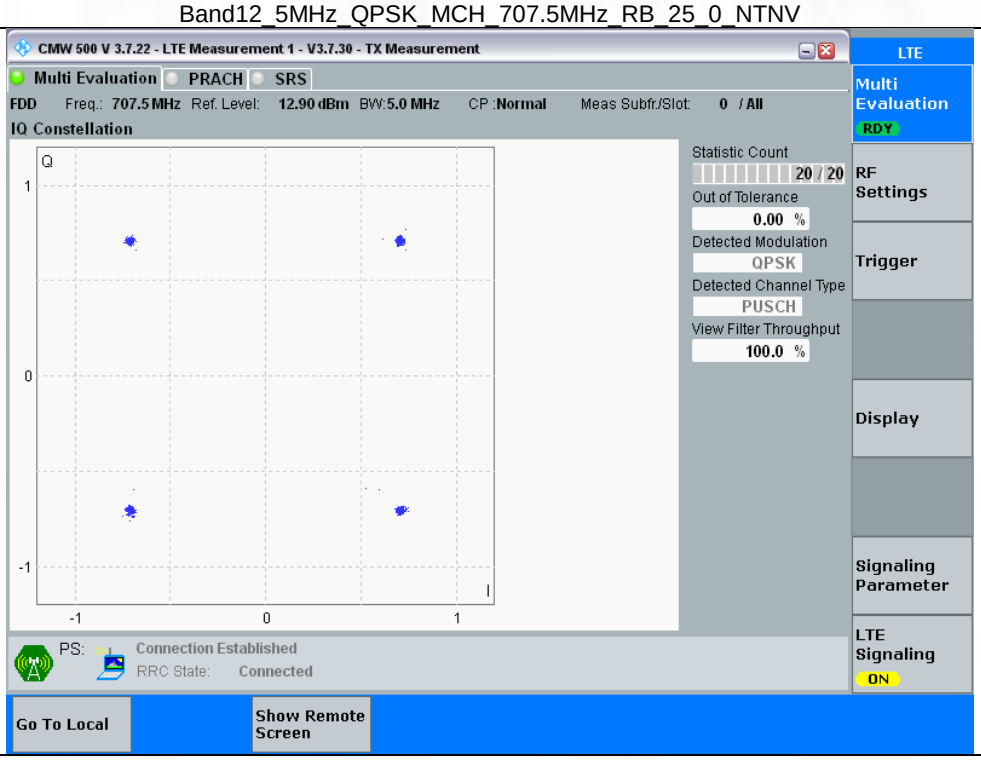
3.3 B12_5MHz

3.3.1 Test Result

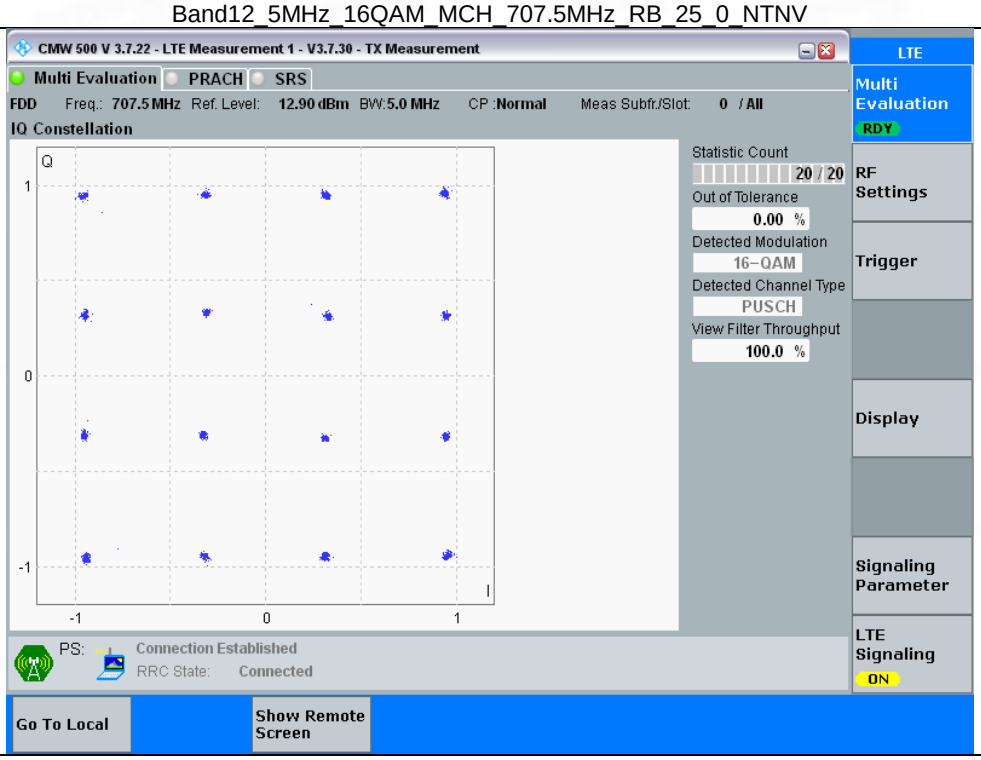
Band: 12 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	707.5	25	0	Refer To Test Graph		Pass
16QAM	707.5	25	0	Refer To Test Graph		Pass

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



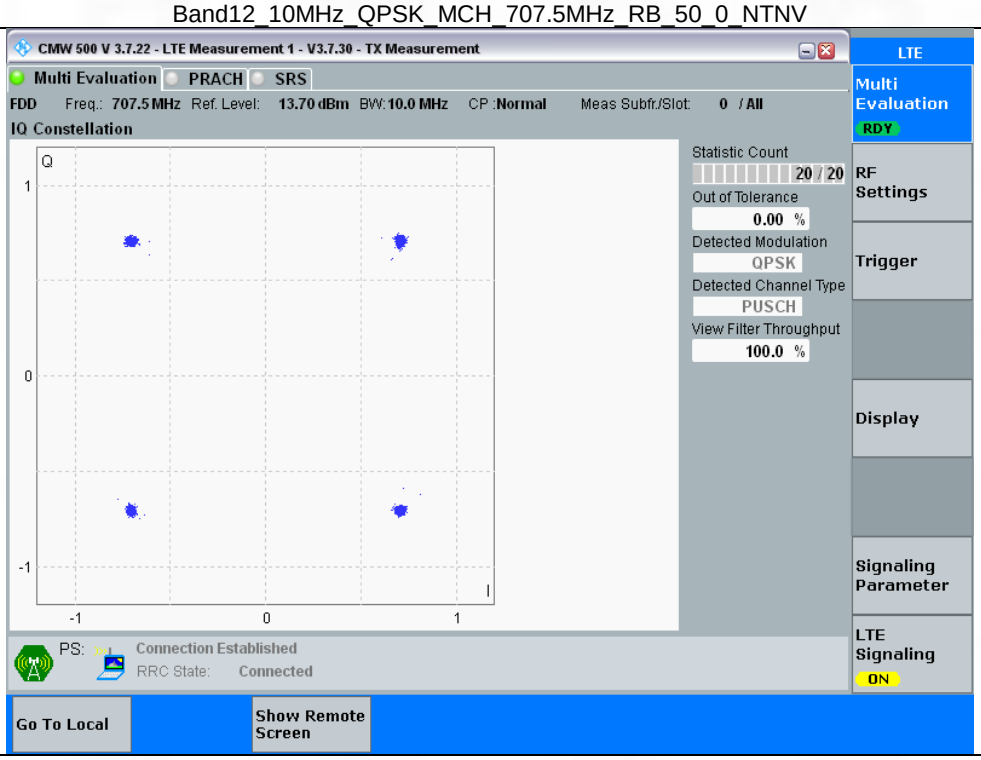
3.4 B12_10MHz

3.4.1 Test Result

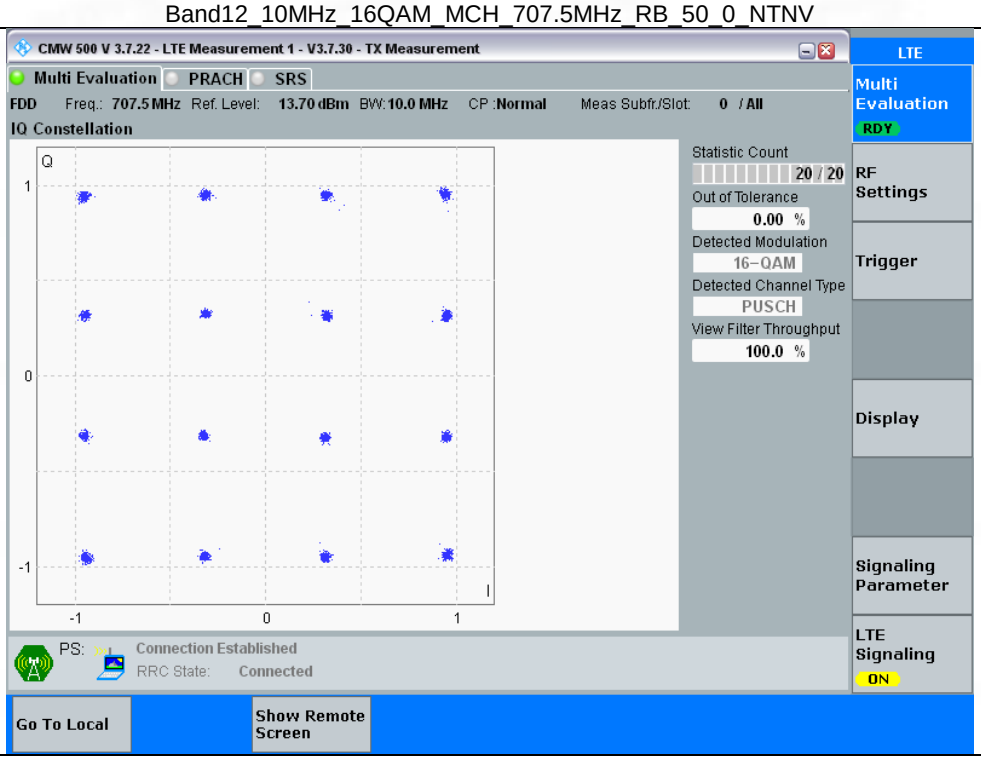
Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	707.5	50	0	Refer To Test Graph		Pass
16QAM	707.5	50	0	Refer To Test Graph		Pass

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

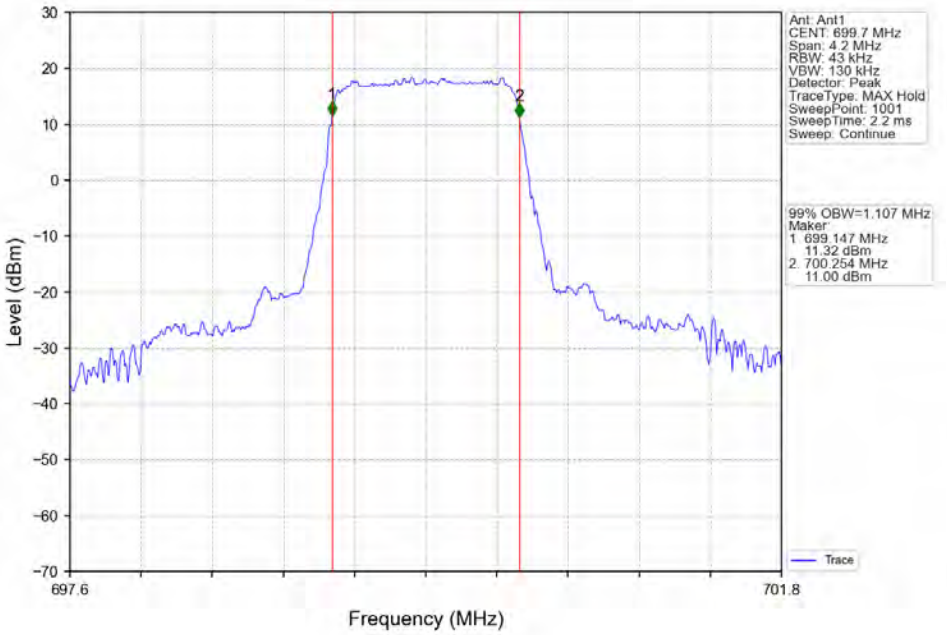
4.1 Band12_OBW

4.1.1 Test Result

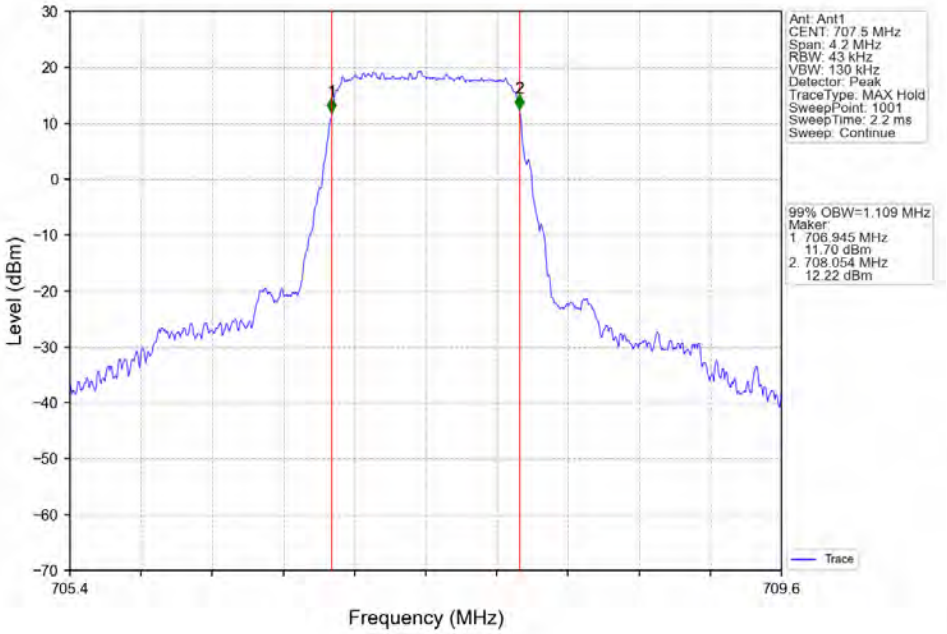
Band: 12 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	699.7	6	0	1.107	/	Pass
		707.5	6	0	1.109	/	Pass
		715.3	6	0	1.105	/	Pass
	16QAM	699.7	6	0	1.121	/	Pass
		707.5	6	0	1.100	/	Pass
		715.3	6	0	1.109	/	Pass
3	QPSK	700.5	15	0	2.725	/	Pass
		707.5	15	0	2.730	/	Pass
		714.5	15	0	2.721	/	Pass
	16QAM	700.5	15	0	2.724	/	Pass
		707.5	15	0	2.715	/	Pass
		714.5	15	0	2.719	/	Pass
5	QPSK	701.5	25	0	4.553	/	Pass
		707.5	25	0	4.549	/	Pass
		713.5	25	0	4.567	/	Pass
	16QAM	701.5	25	0	4.594	/	Pass
		707.5	25	0	4.593	/	Pass
		713.5	25	0	4.554	/	Pass
10	QPSK	704	50	0	9.031	/	Pass
		707.5	50	0	9.068	/	Pass
		711	50	0	9.099	/	Pass
	16QAM	704	50	0	9.029	/	Pass
		707.5	50	0	9.093	/	Pass
		711	50	0	9.091	/	Pass

4.1.2 Test Graph

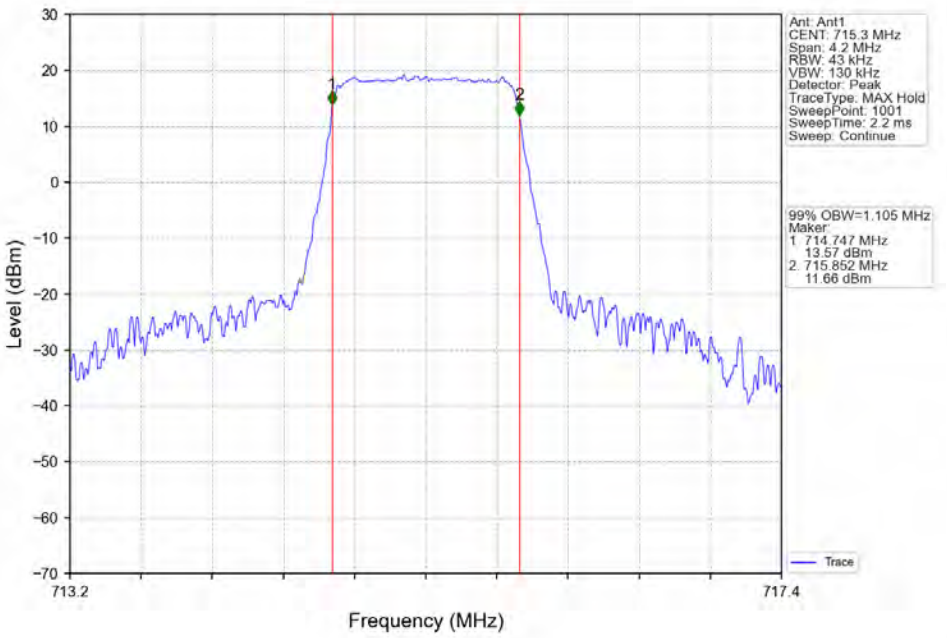
Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV



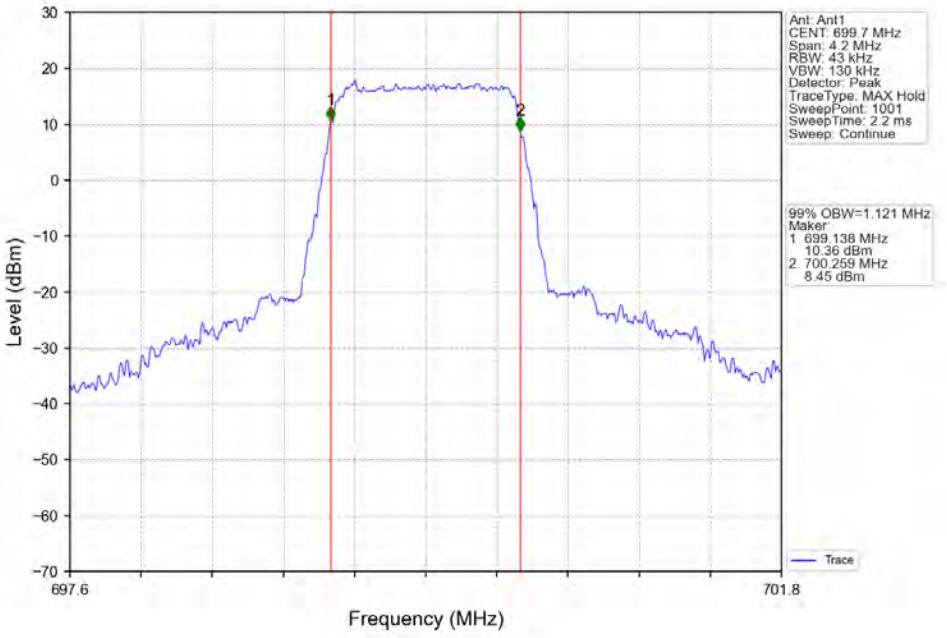
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_6_0_NTNV



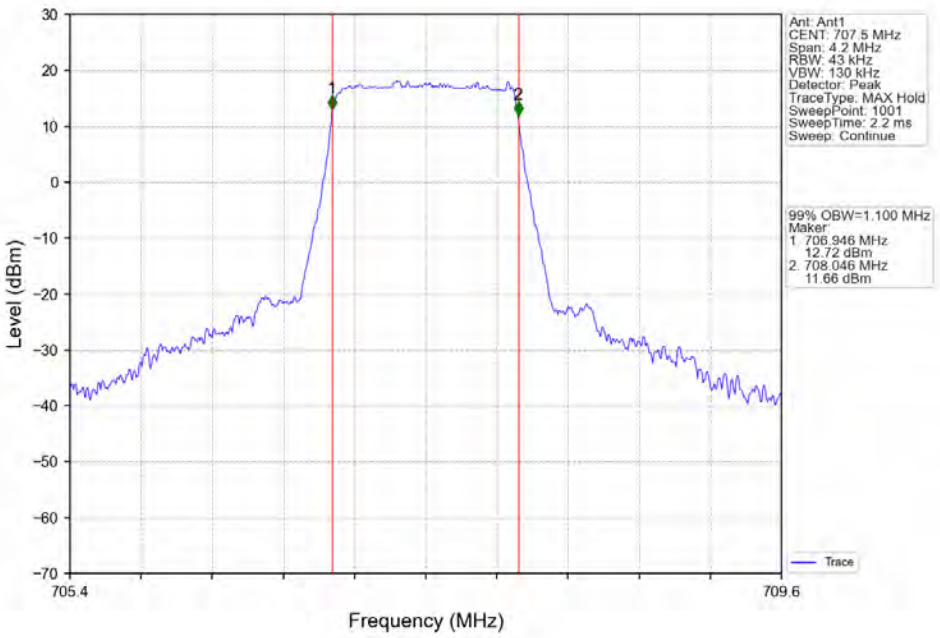
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



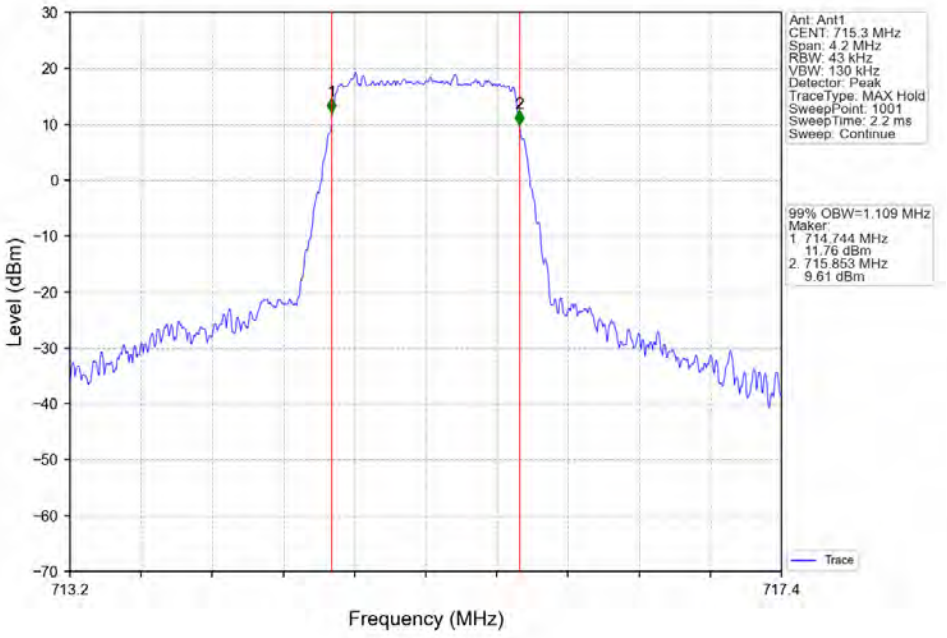
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



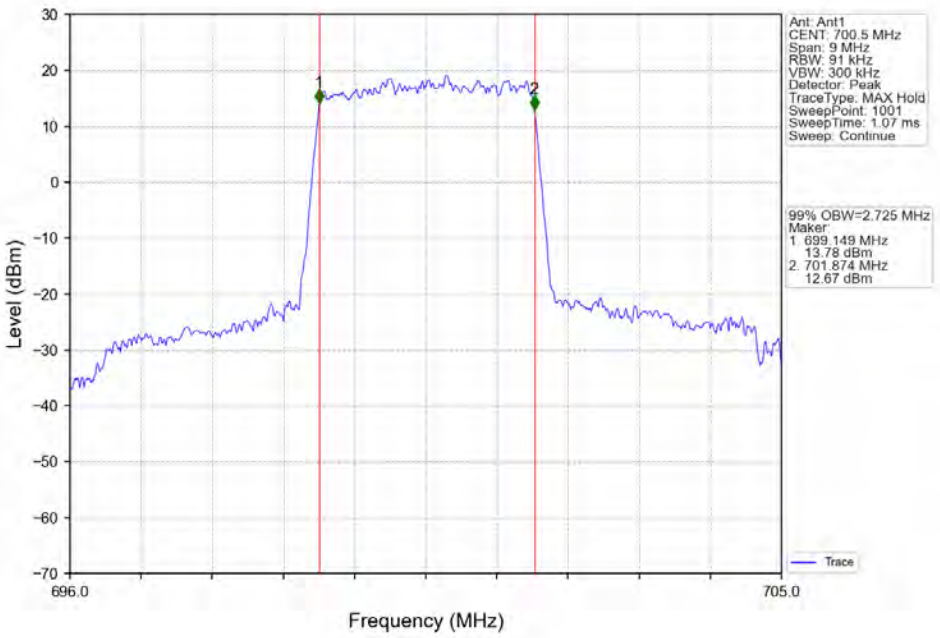
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



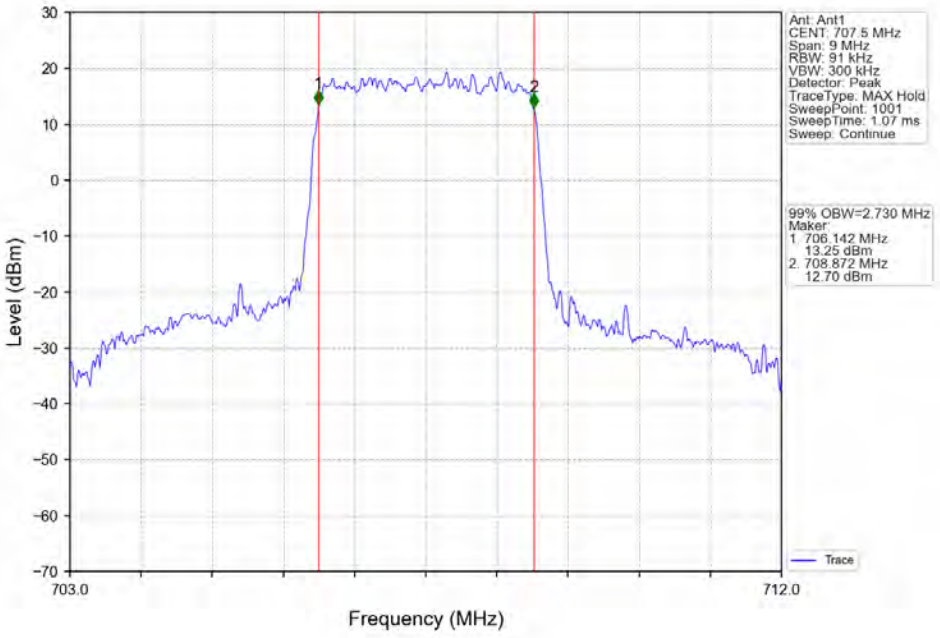
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



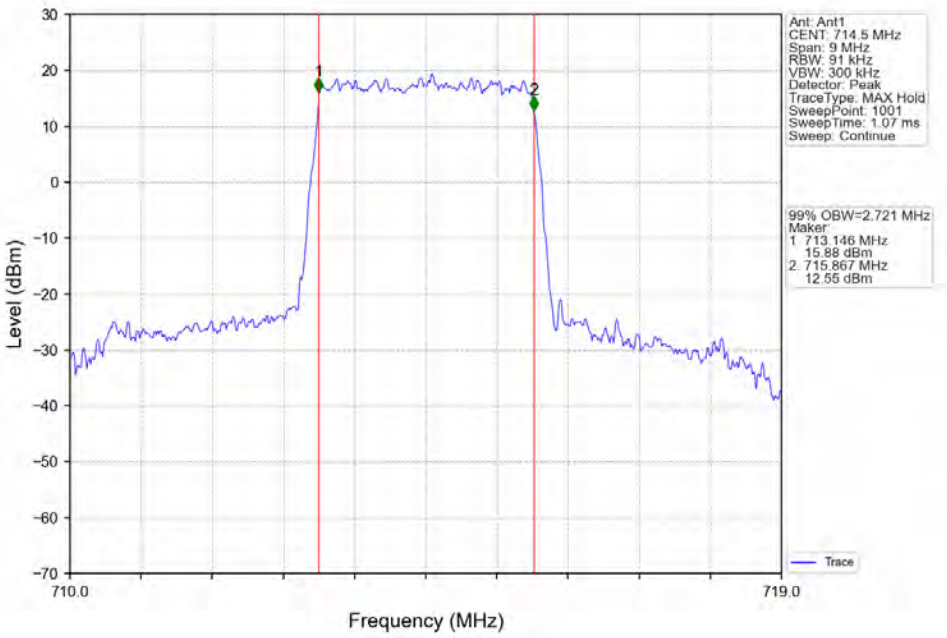
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



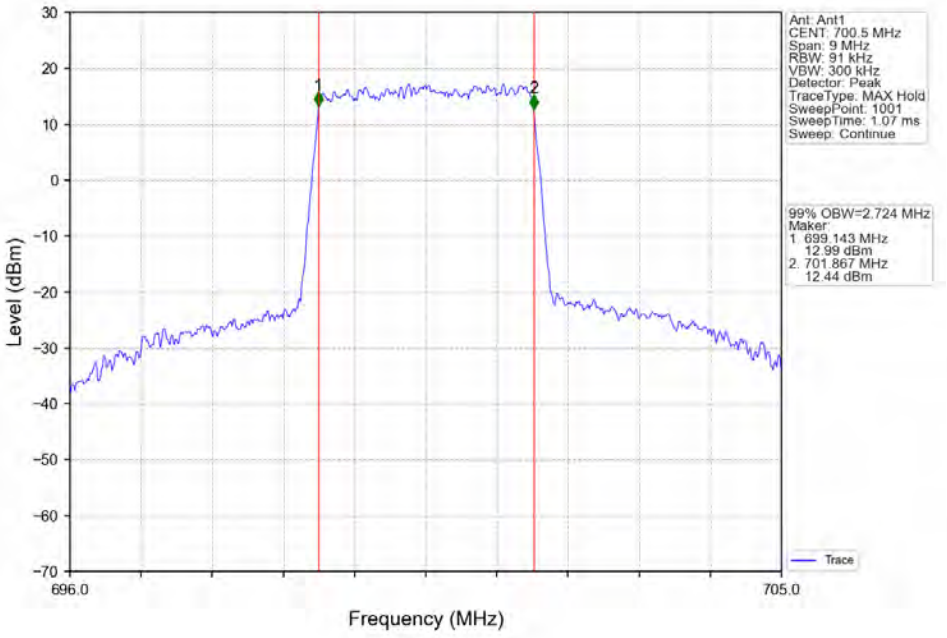
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



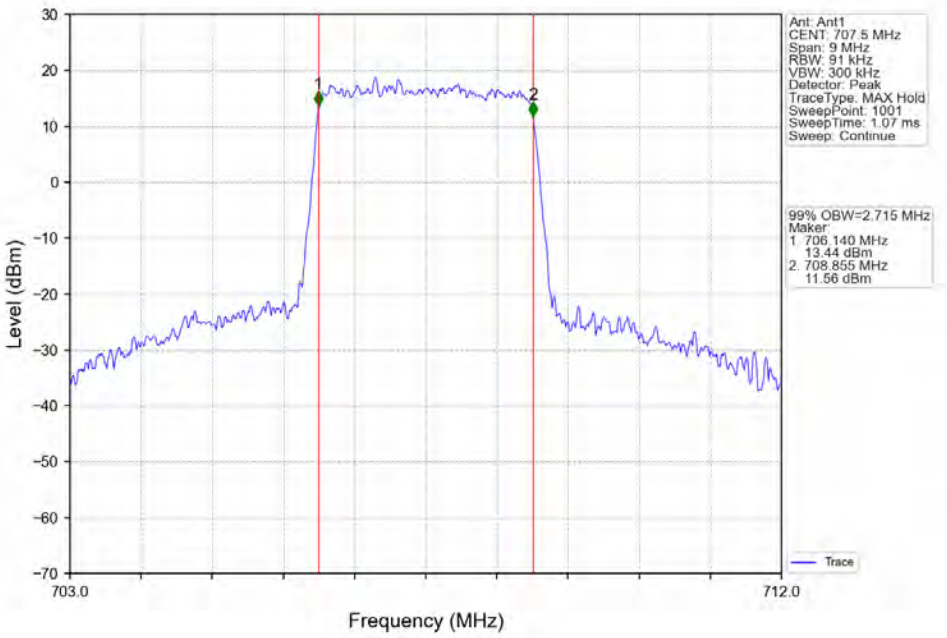
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



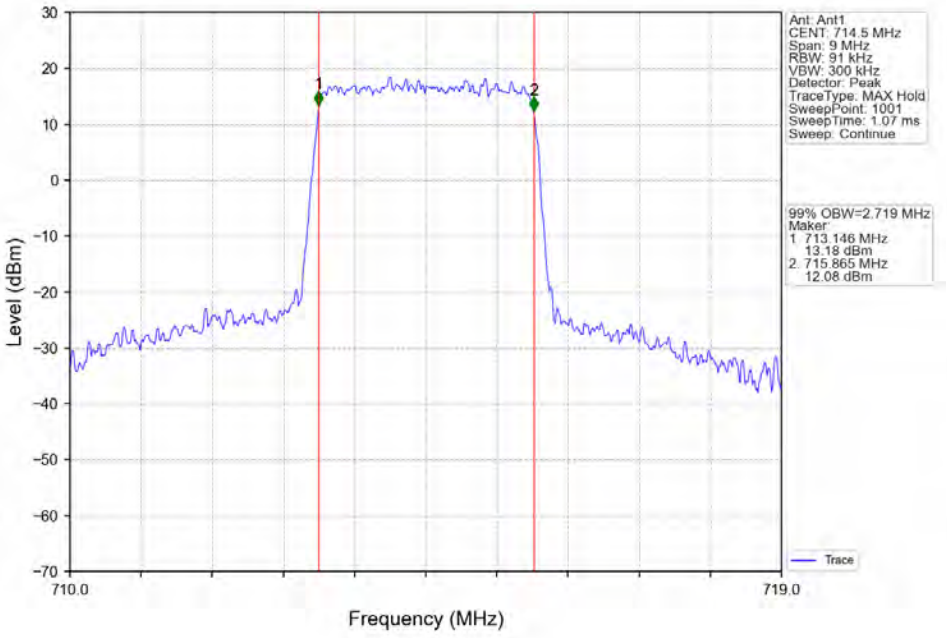
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



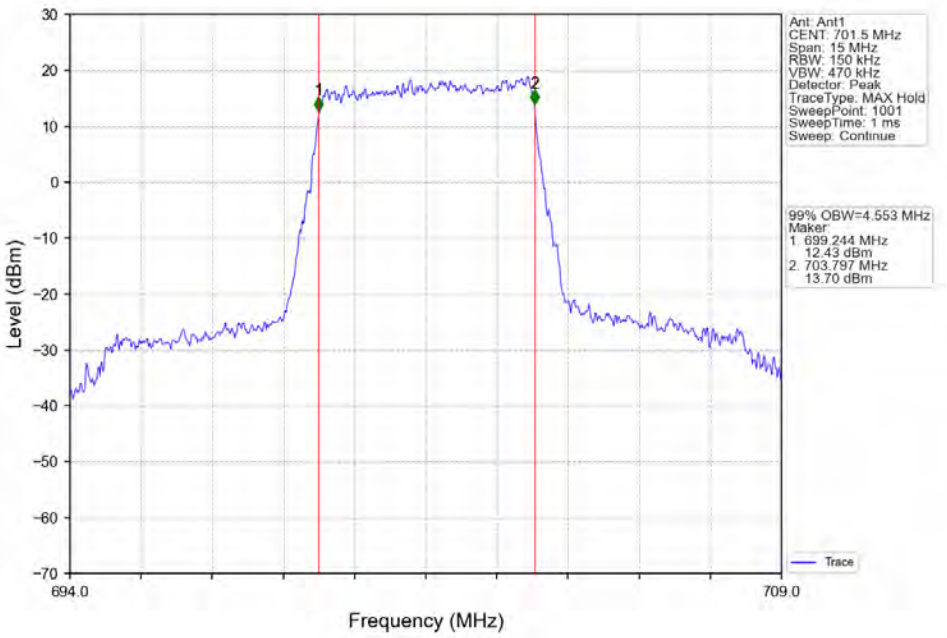
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



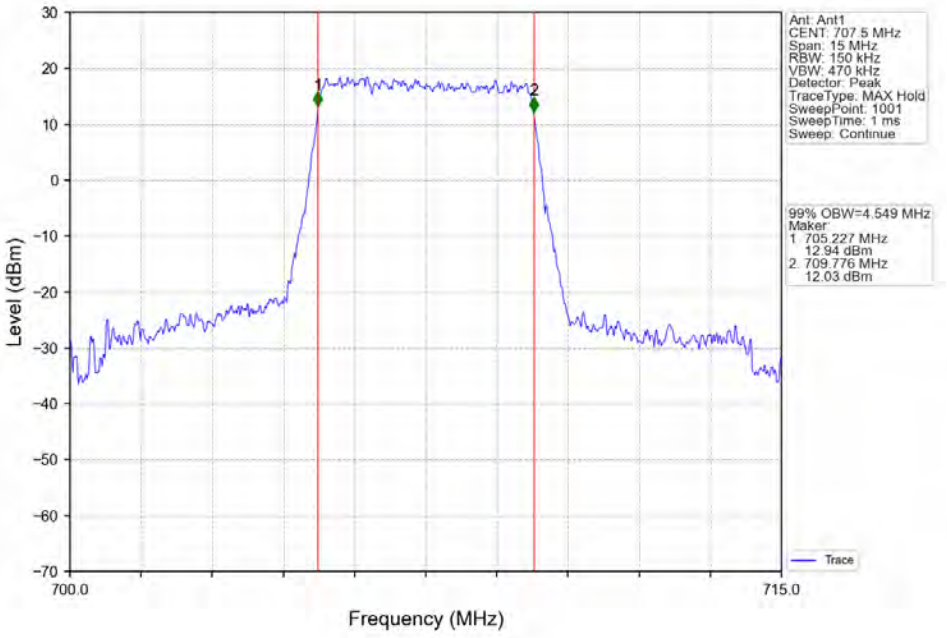
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



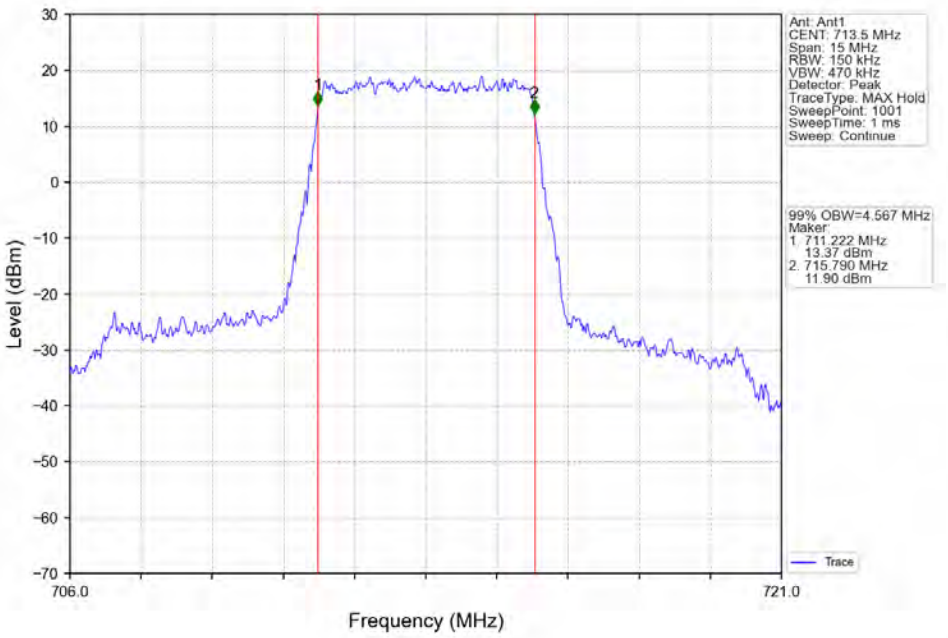
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



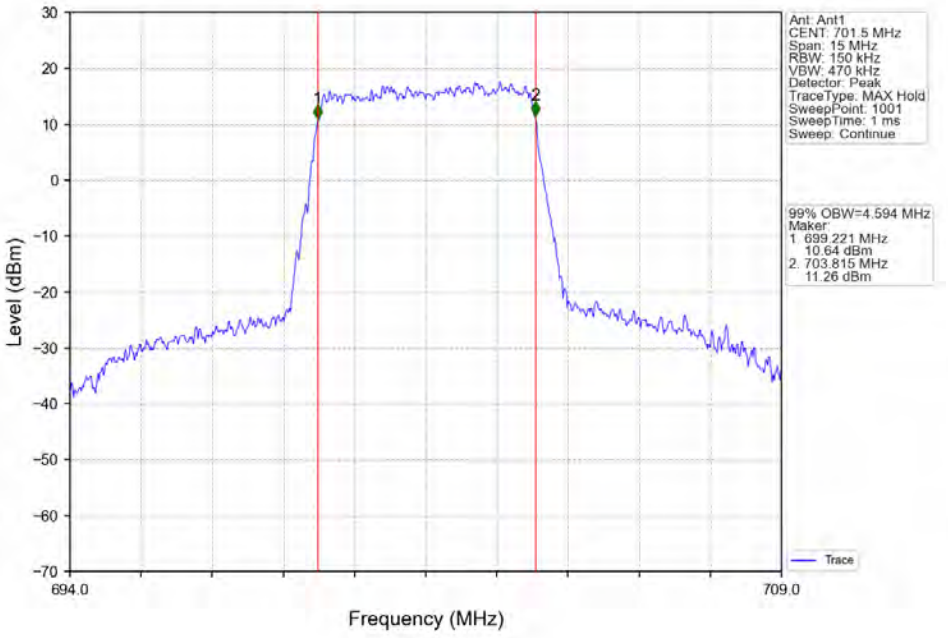
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



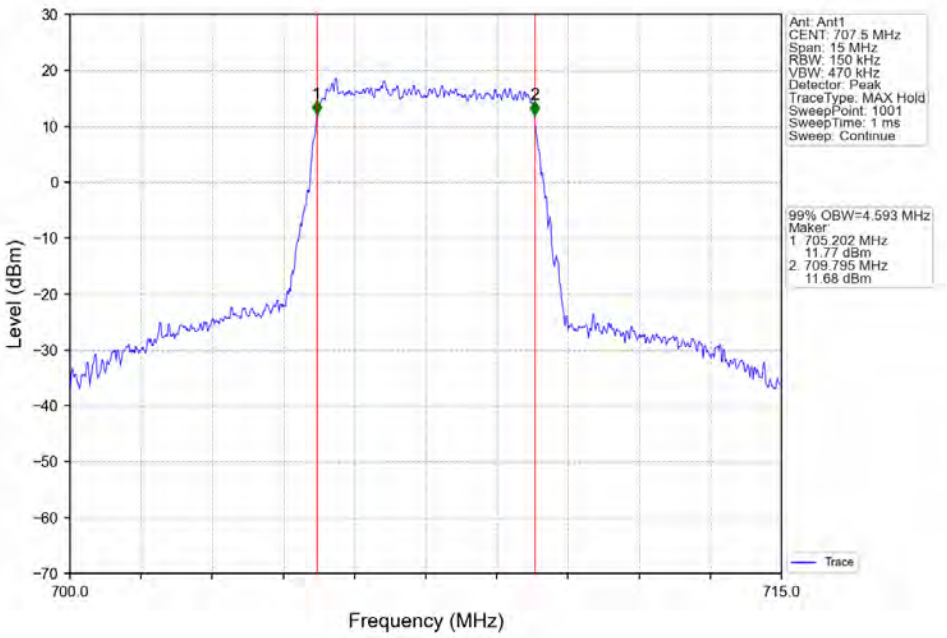
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



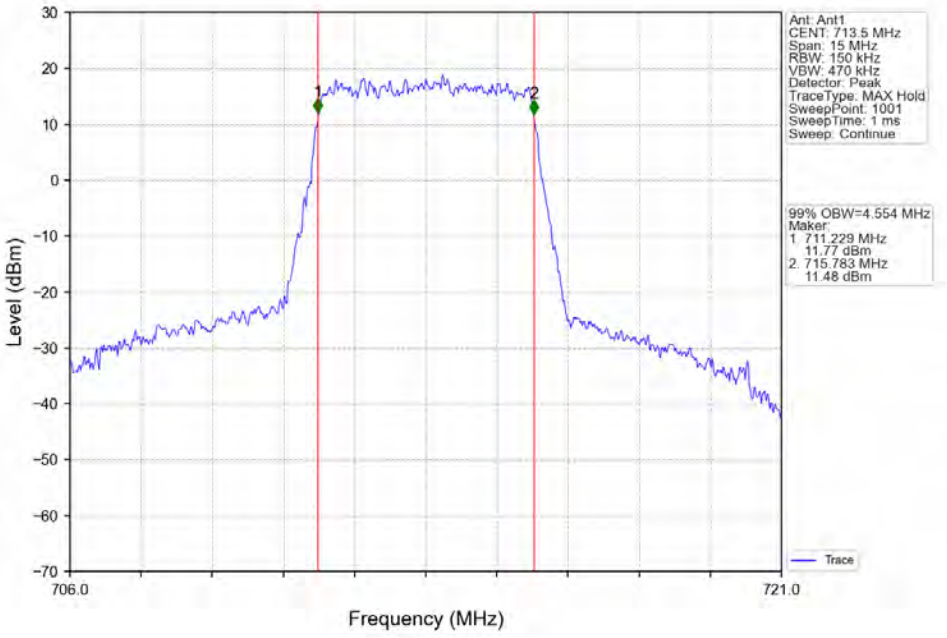
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



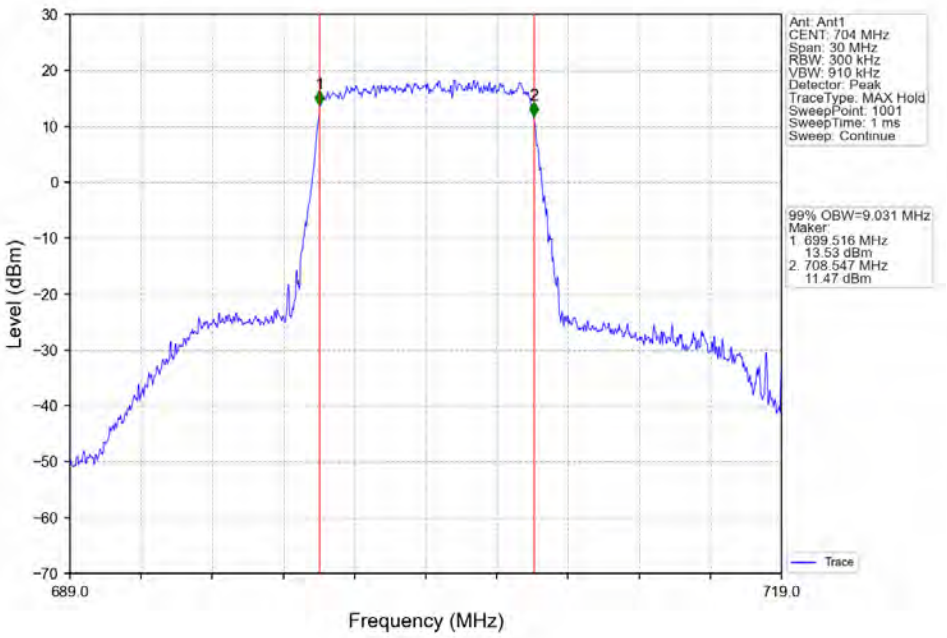
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



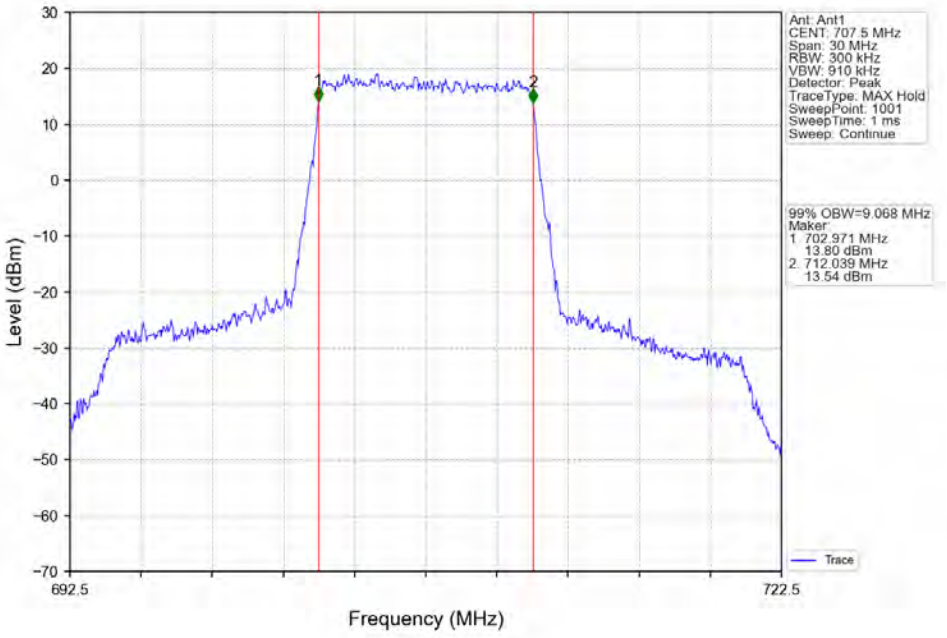
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



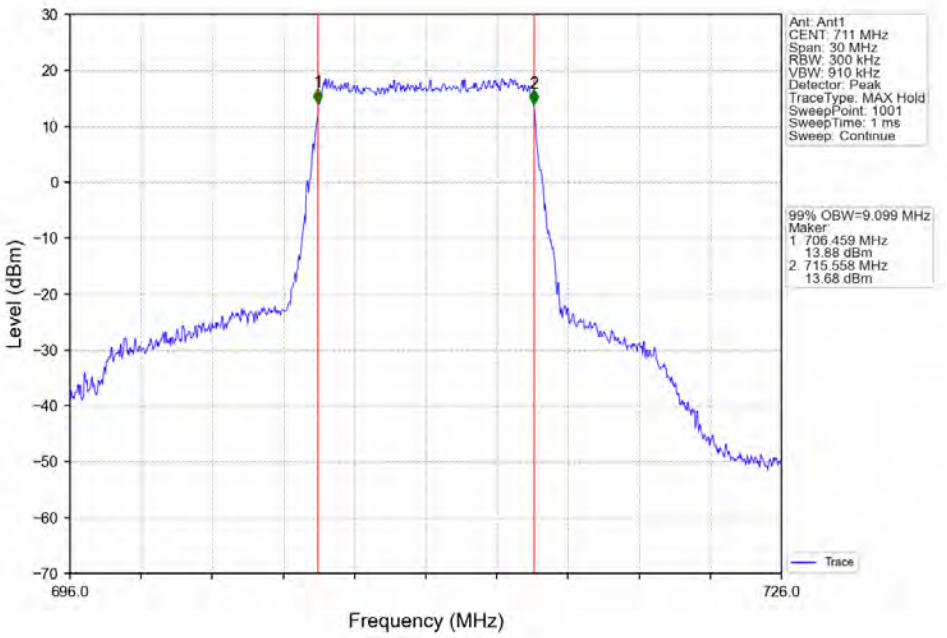
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



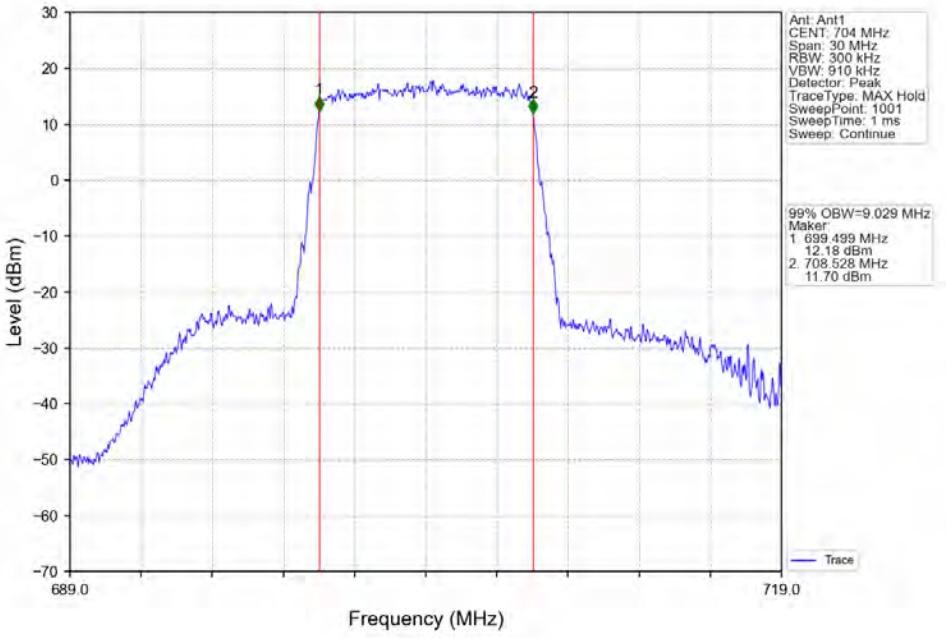
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



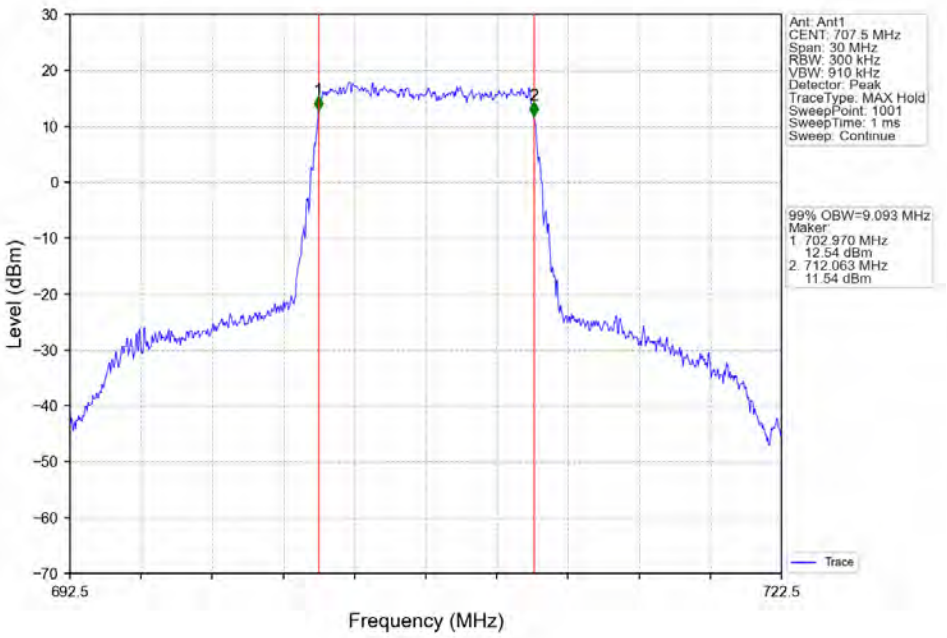
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



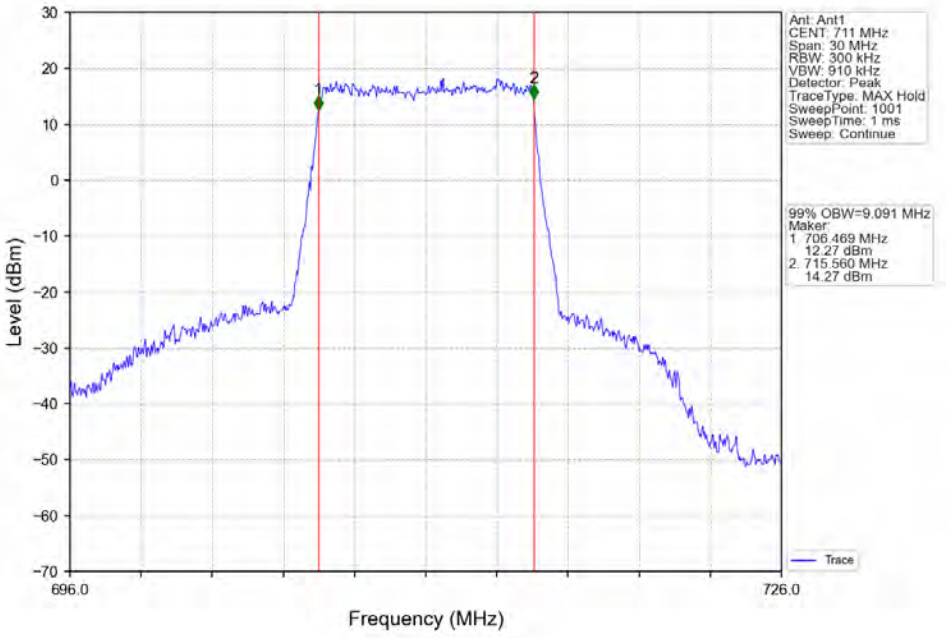
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



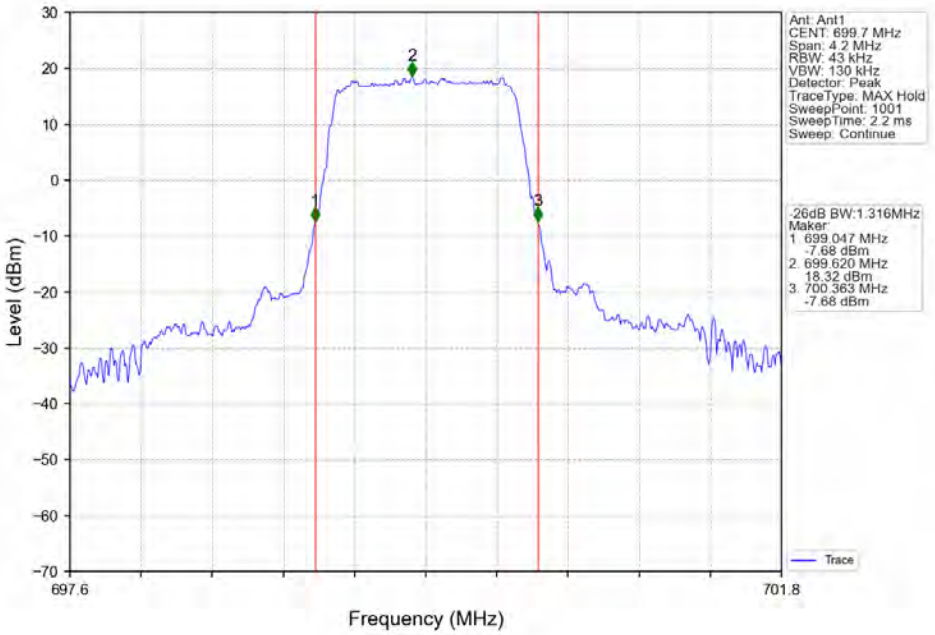
4.2 Band12_XDB

4.2.1 Test Result

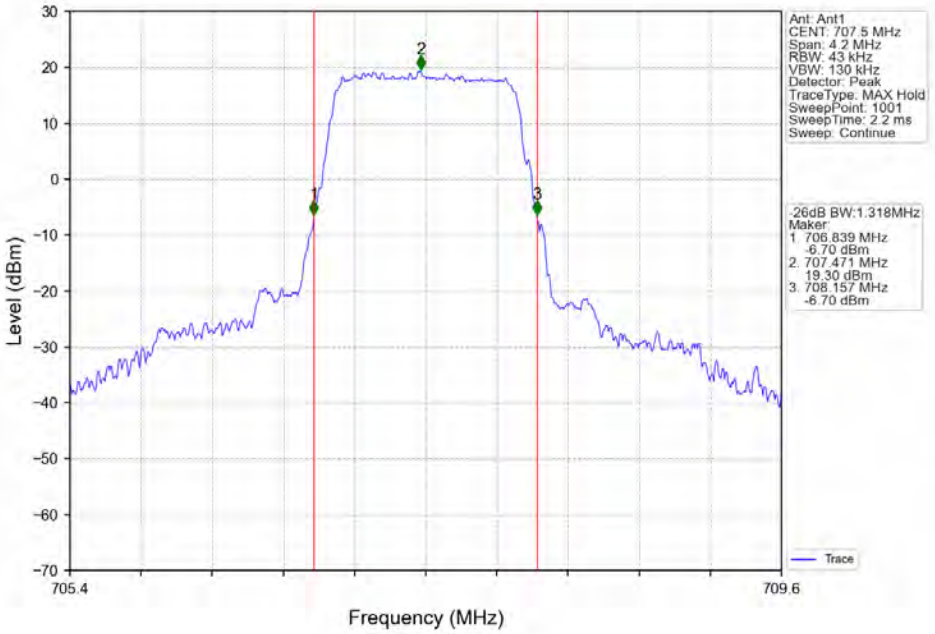
Band: 12 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	699.7	6	0	1.316	/	Pass
		707.5	6	0	1.318	/	Pass
		715.3	6	0	1.319	/	Pass
	16QAM	699.7	6	0	1.323	/	Pass
		707.5	6	0	1.311	/	Pass
		715.3	6	0	1.316	/	Pass
3	QPSK	700.5	15	0	2.993	/	Pass
		707.5	15	0	2.991	/	Pass
		714.5	15	0	2.989	/	Pass
	16QAM	700.5	15	0	3.008	/	Pass
		707.5	15	0	2.976	/	Pass
		714.5	15	0	2.978	/	Pass
5	QPSK	701.5	25	0	5.253	/	Pass
		707.5	25	0	5.229	/	Pass
		713.5	25	0	5.291	/	Pass
	16QAM	701.5	25	0	5.286	/	Pass
		707.5	25	0	5.277	/	Pass
		713.5	25	0	5.204	/	Pass
10	QPSK	704	50	0	10.231	/	Pass
		707.5	50	0	10.171	/	Pass
		711	50	0	10.232	/	Pass
	16QAM	704	50	0	10.114	/	Pass
		707.5	50	0	10.260	/	Pass
		711	50	0	10.170	/	Pass

4.2.2 Test Graph

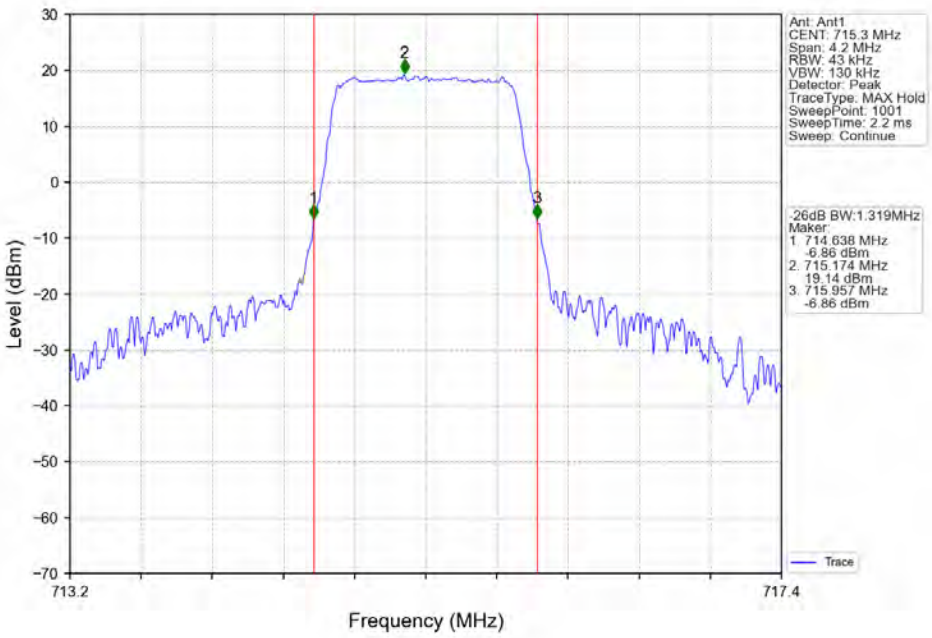
Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV



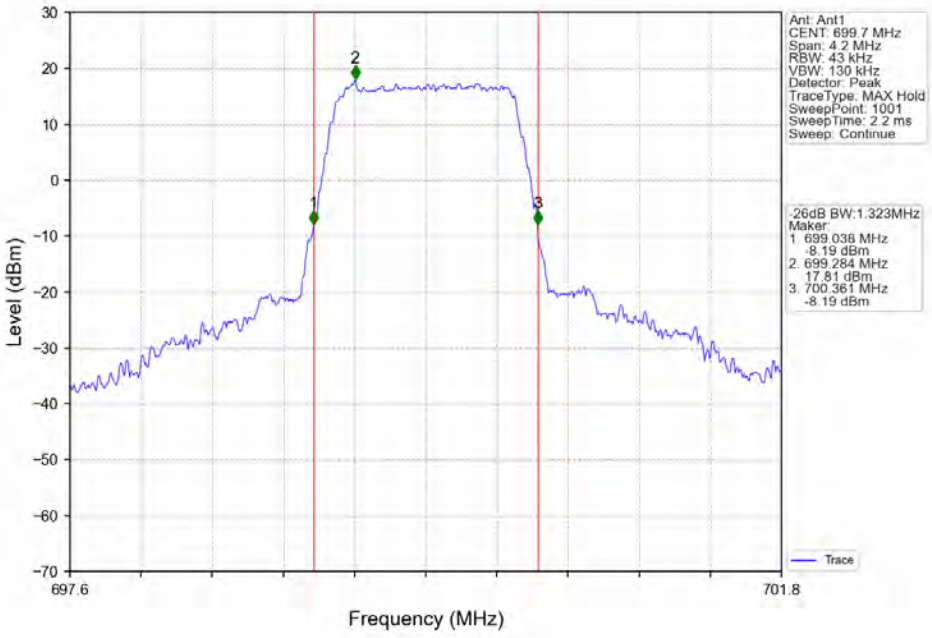
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_6_0_NTNV



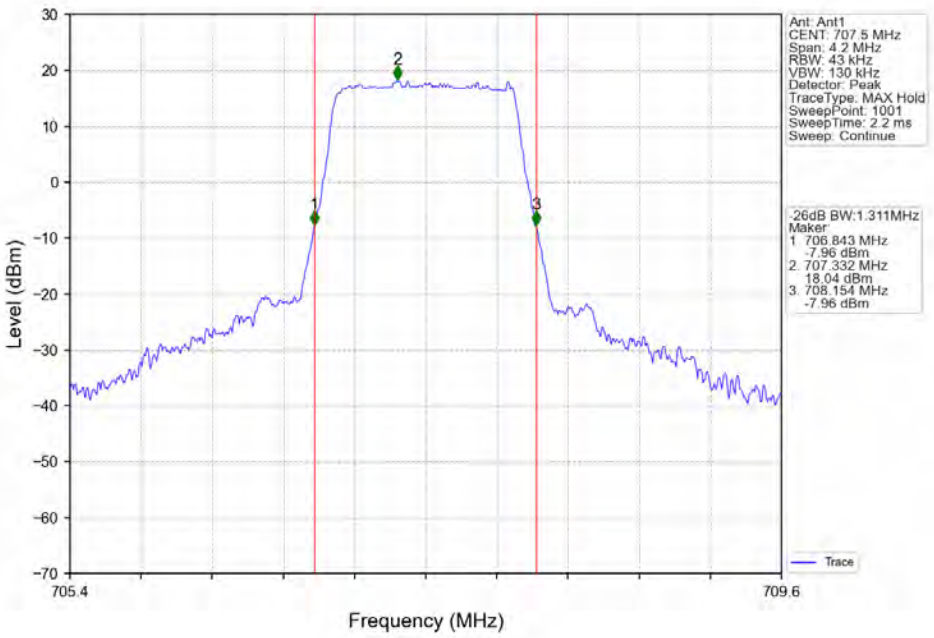
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



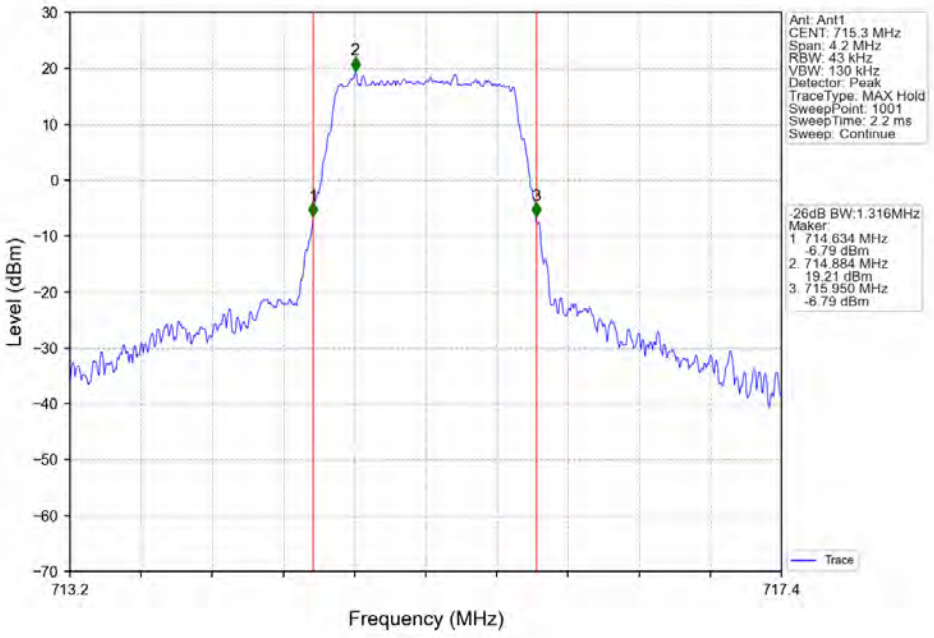
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



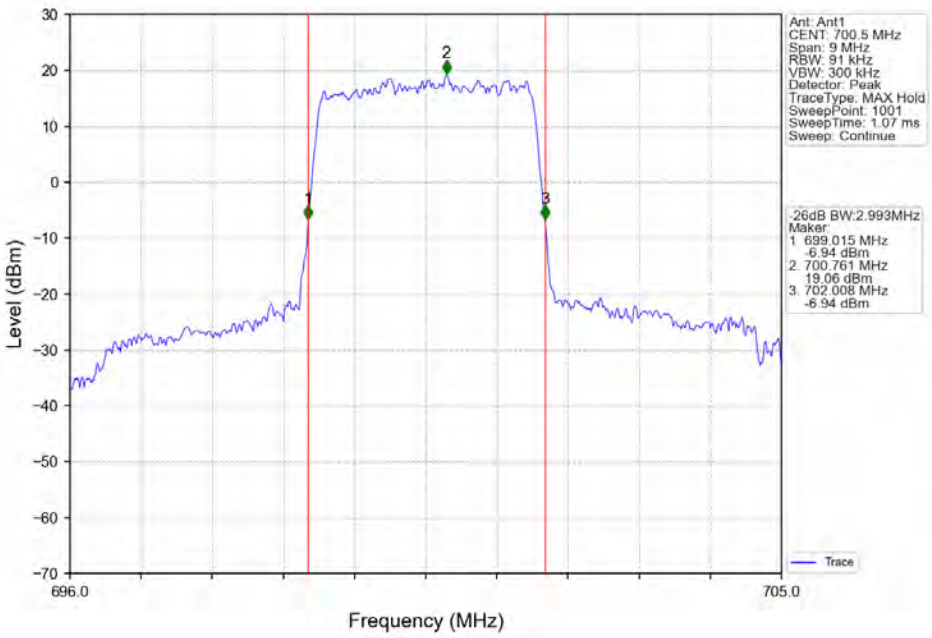
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



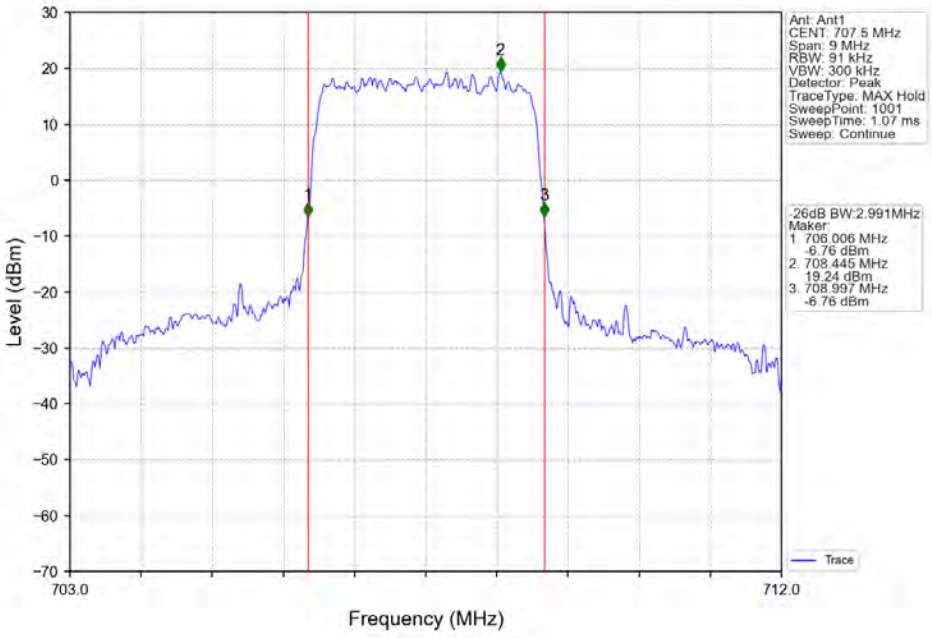
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



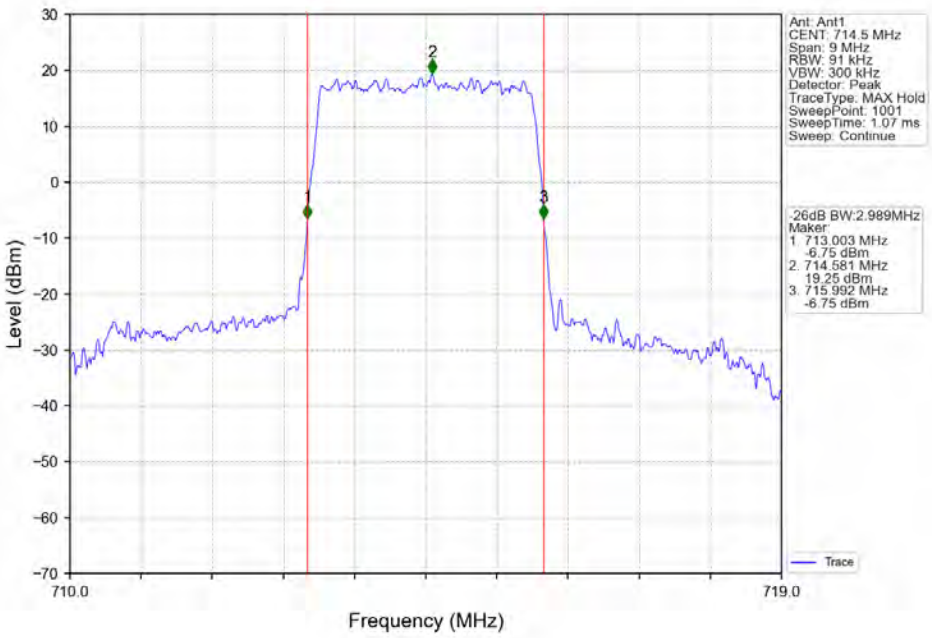
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



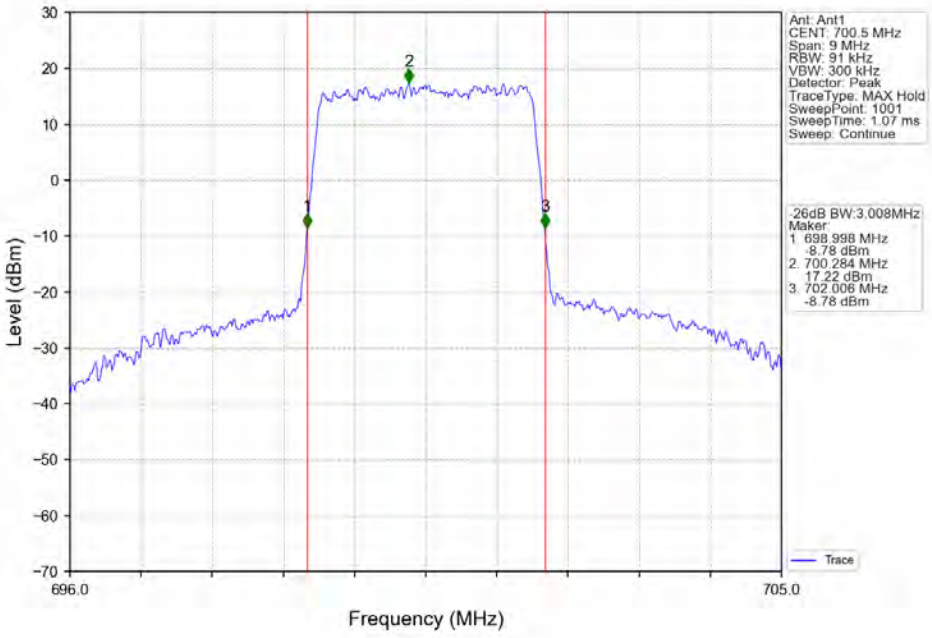
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



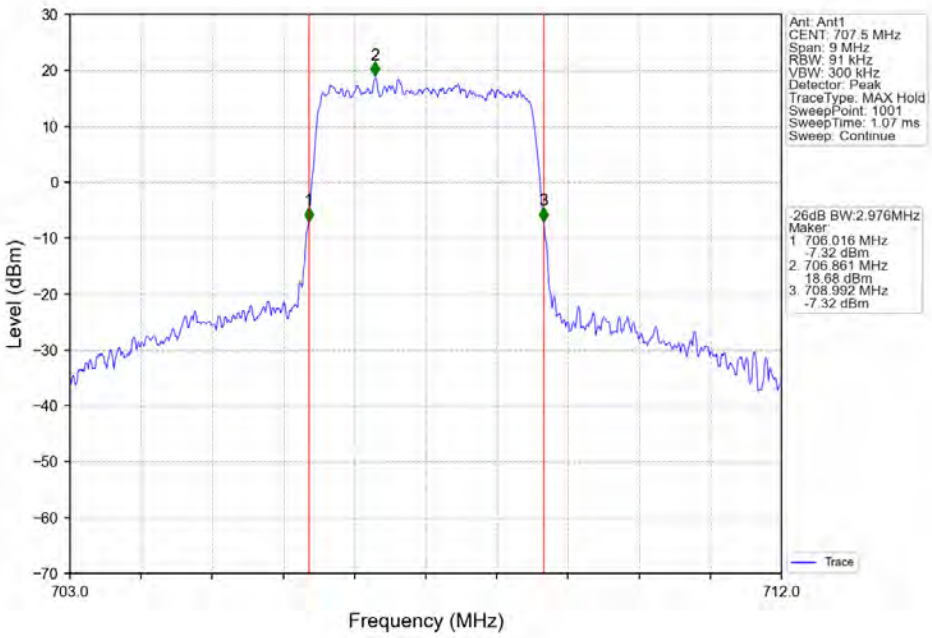
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



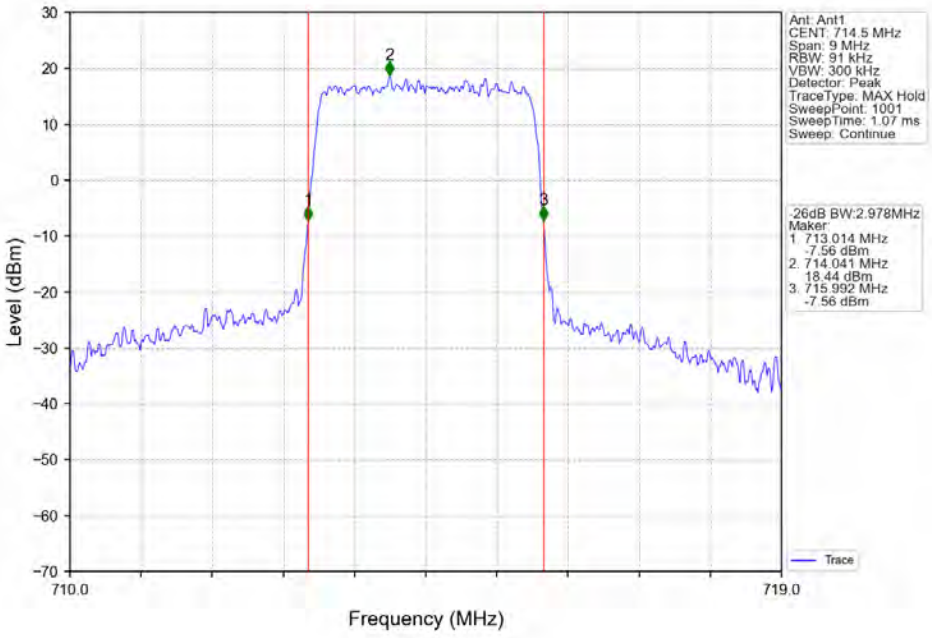
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



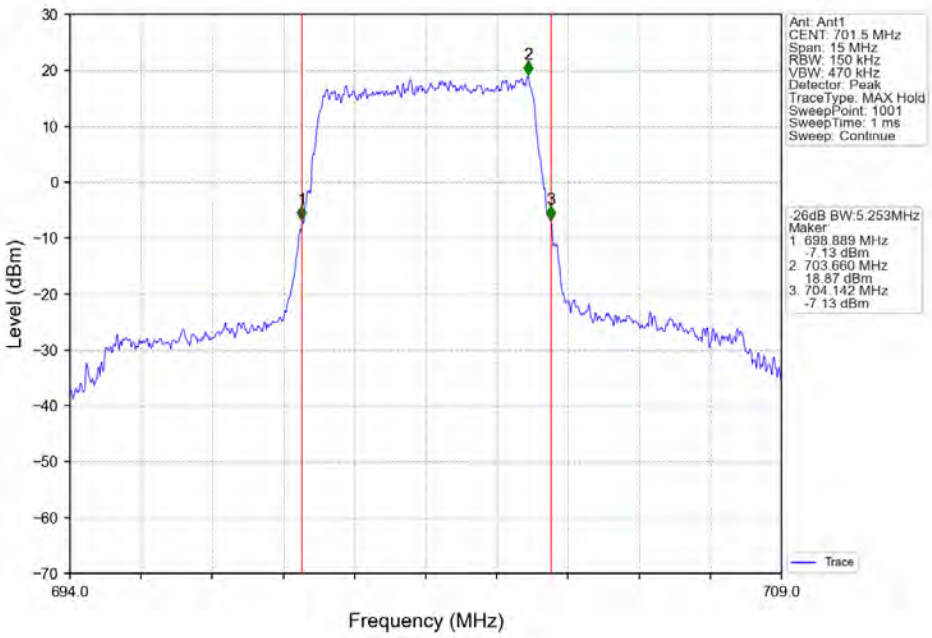
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



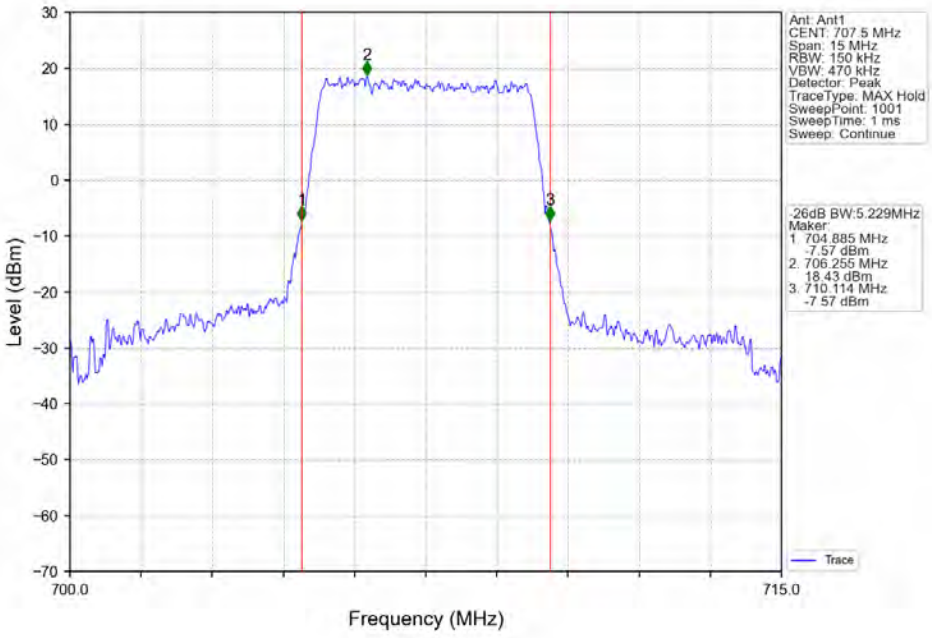
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



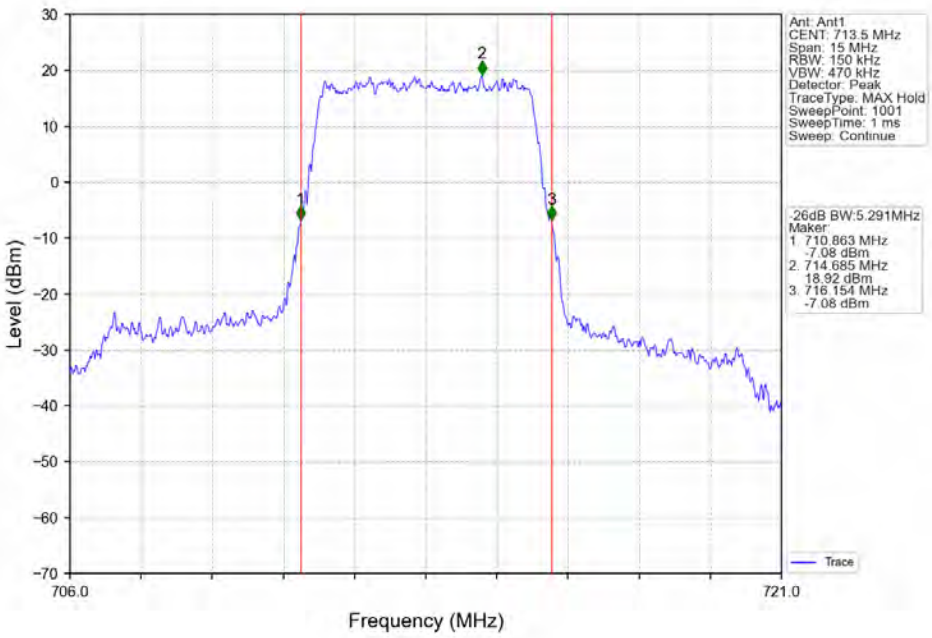
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



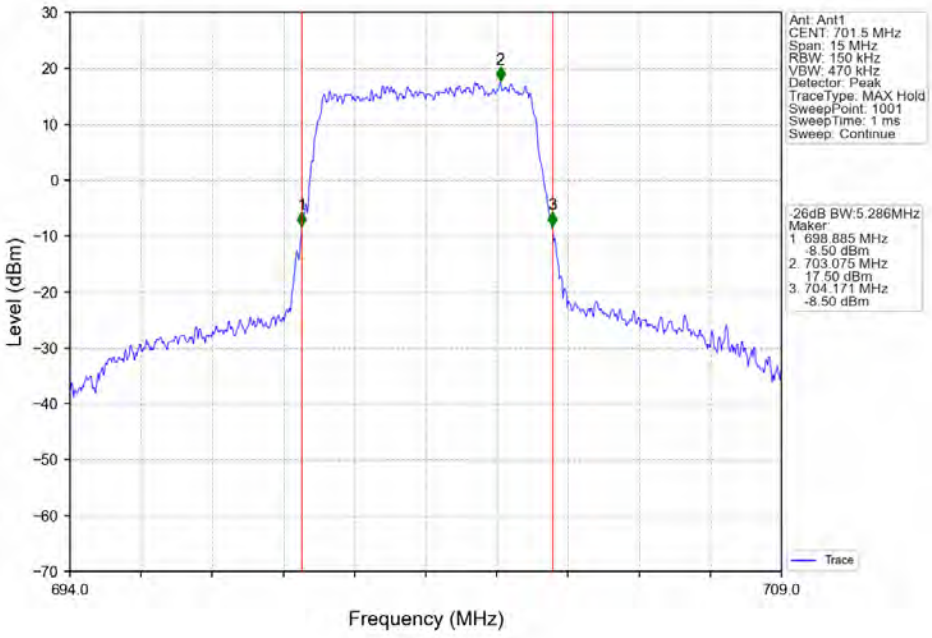
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



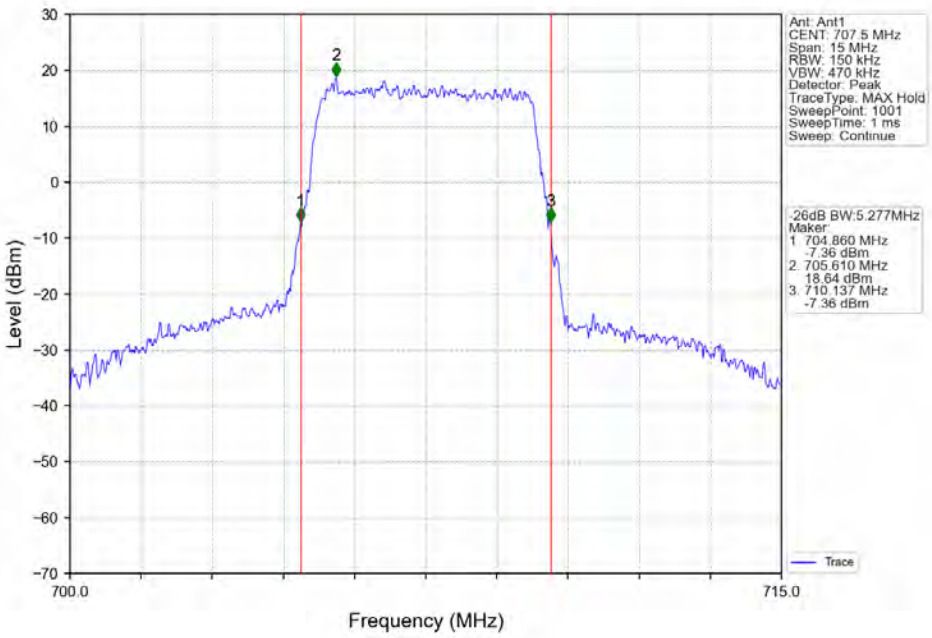
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



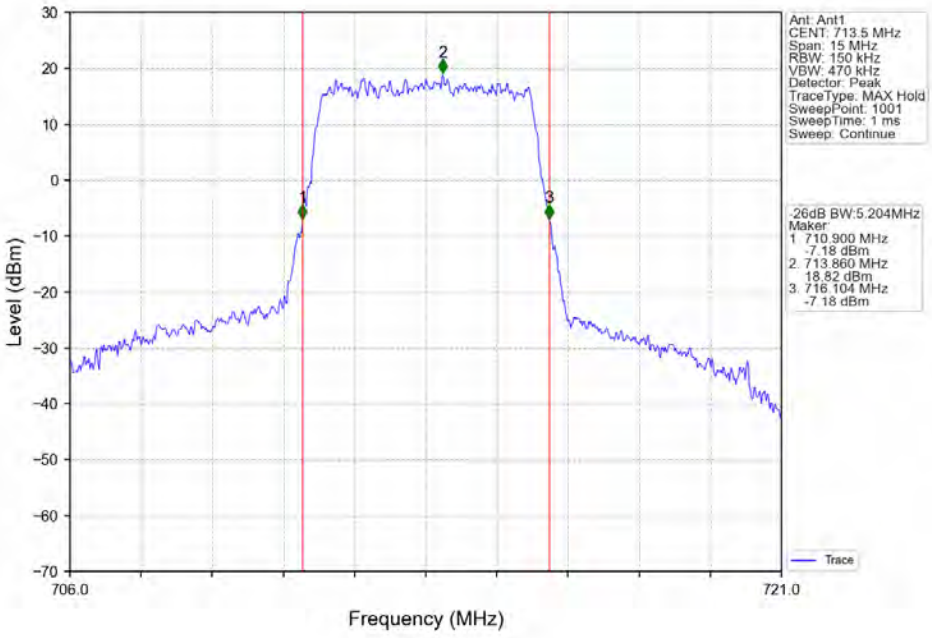
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



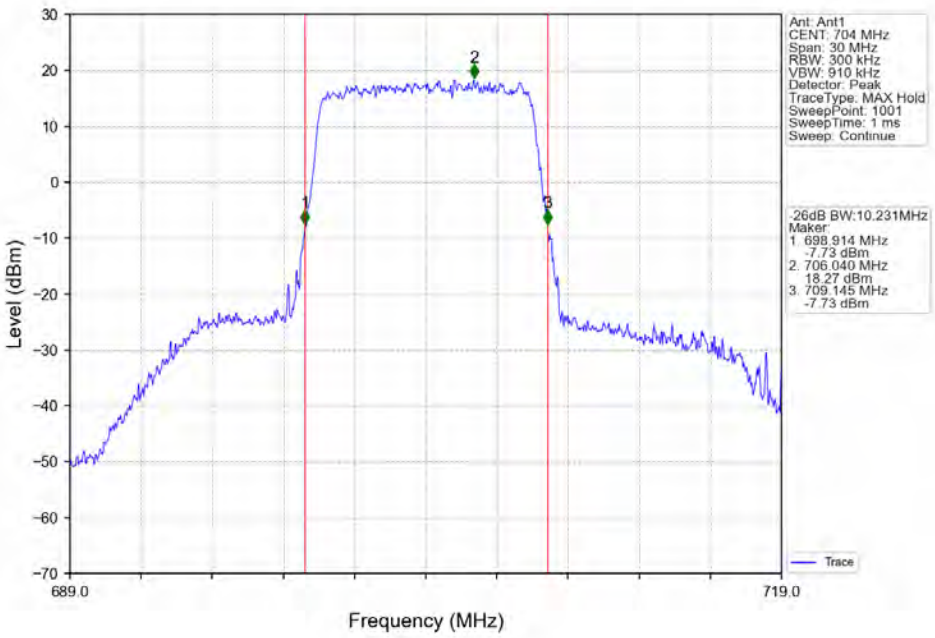
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



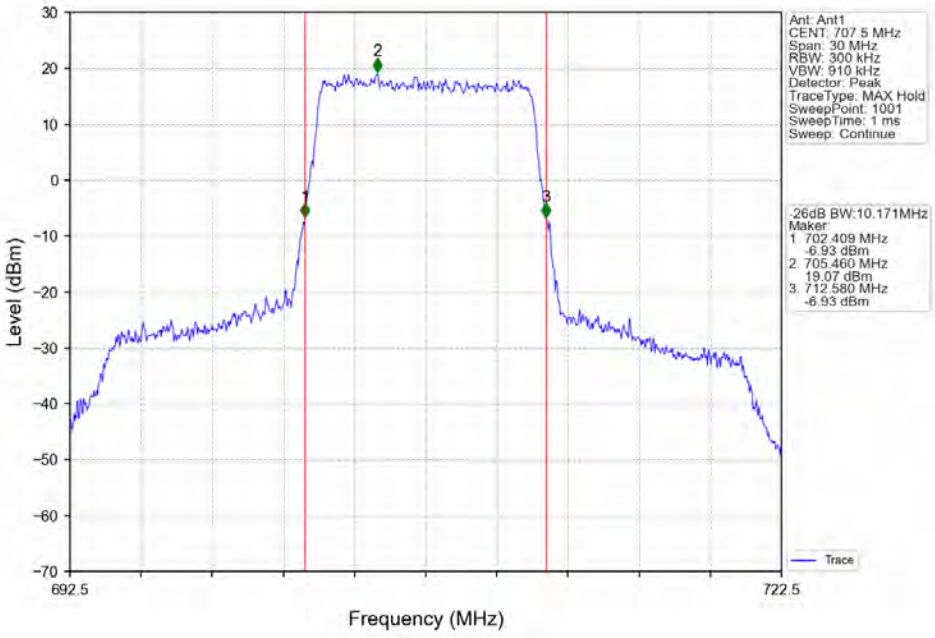
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



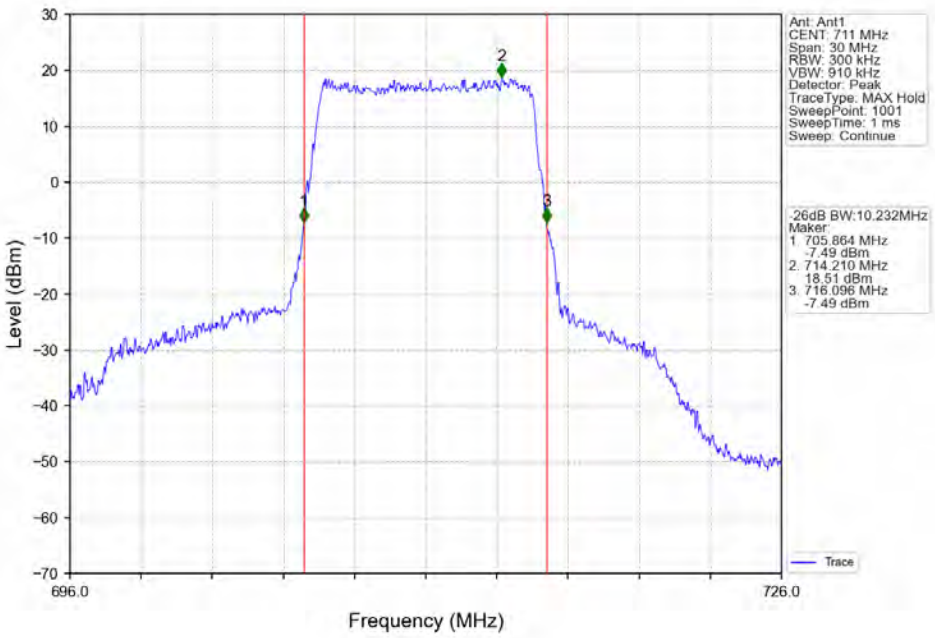
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



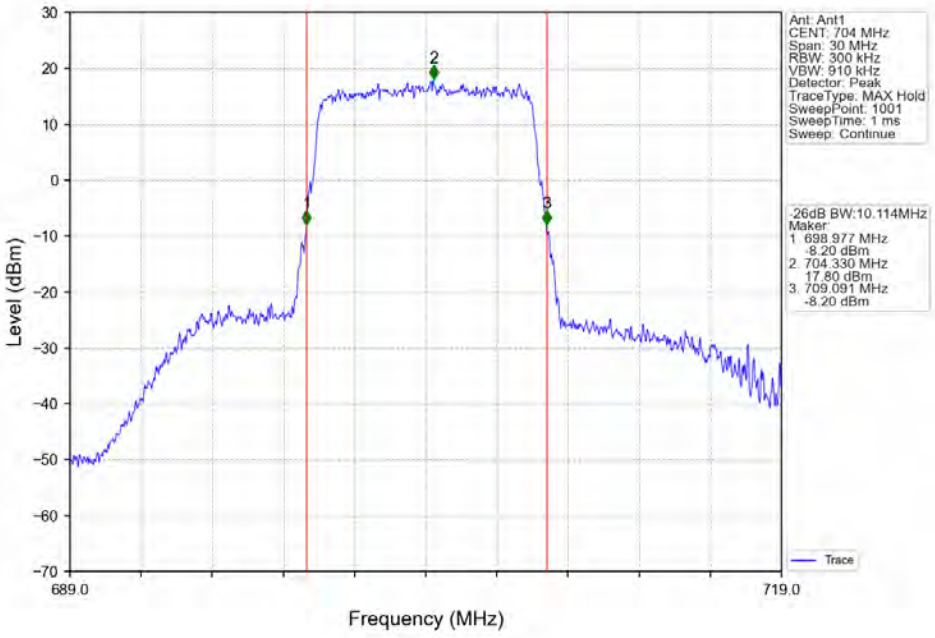
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



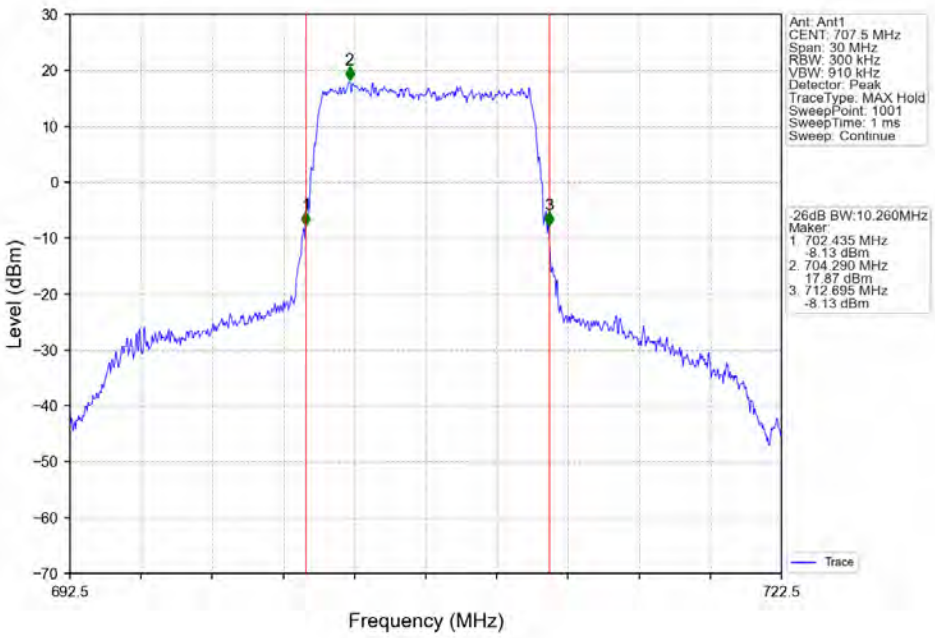
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



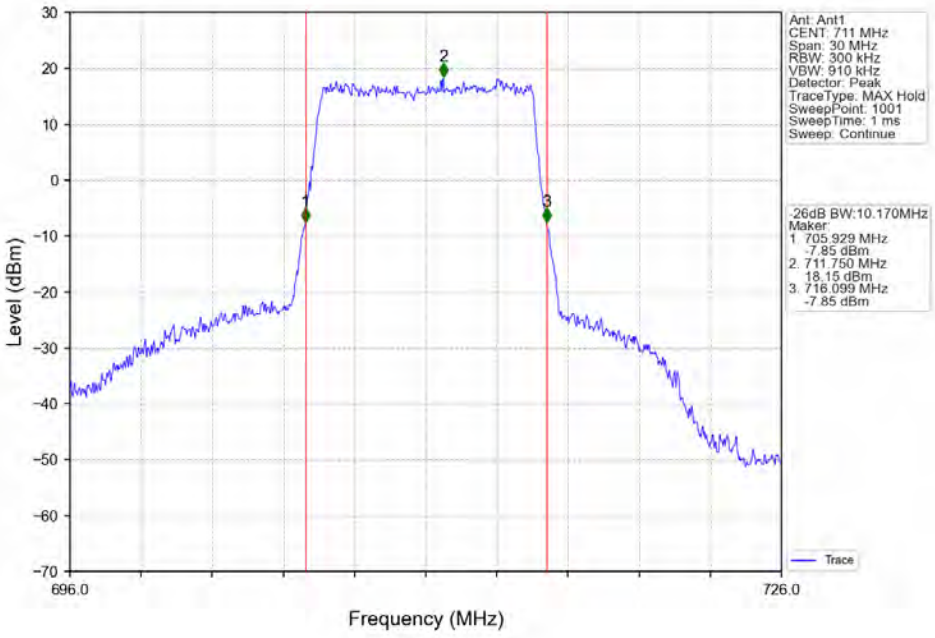
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



5. Peak-Average Ratio

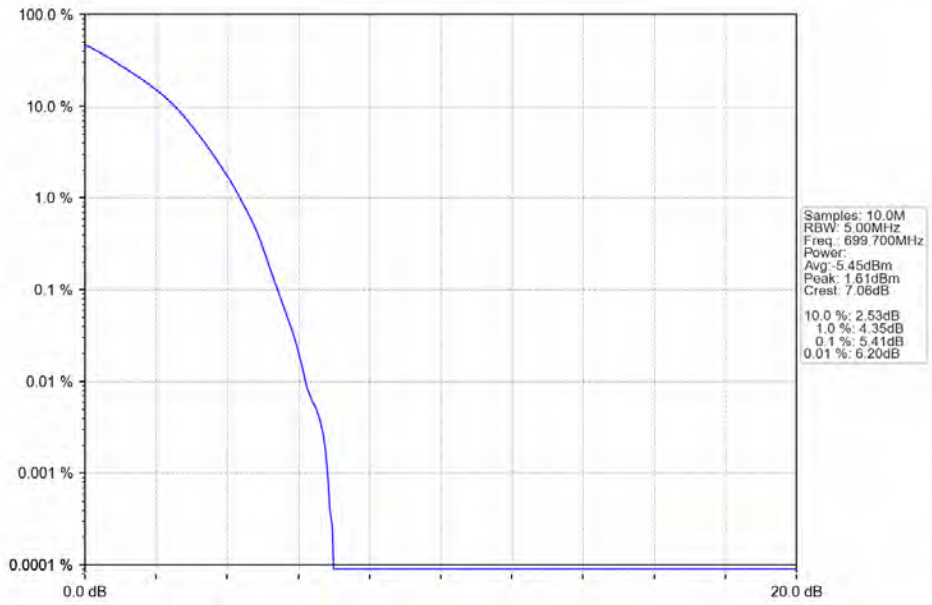
5.1 B12_1.4MHz

5.1.1 Test Result

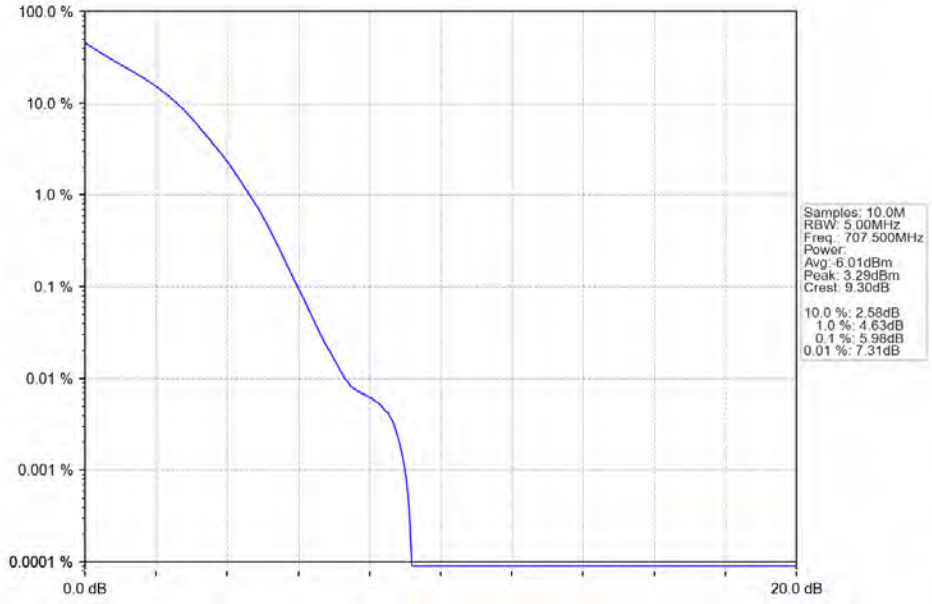
Band: 12 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	699.7	6	0	5.41	<=13	Pass
	707.5	6	0	5.98	<=13	Pass
	715.3	6	0	5.81	<=13	Pass
16QAM	699.7	6	0	6.25	<=13	Pass
	707.5	6	0	6.64	<=13	Pass
	715.3	6	0	6.49	<=13	Pass

5.1.2 Test Graph

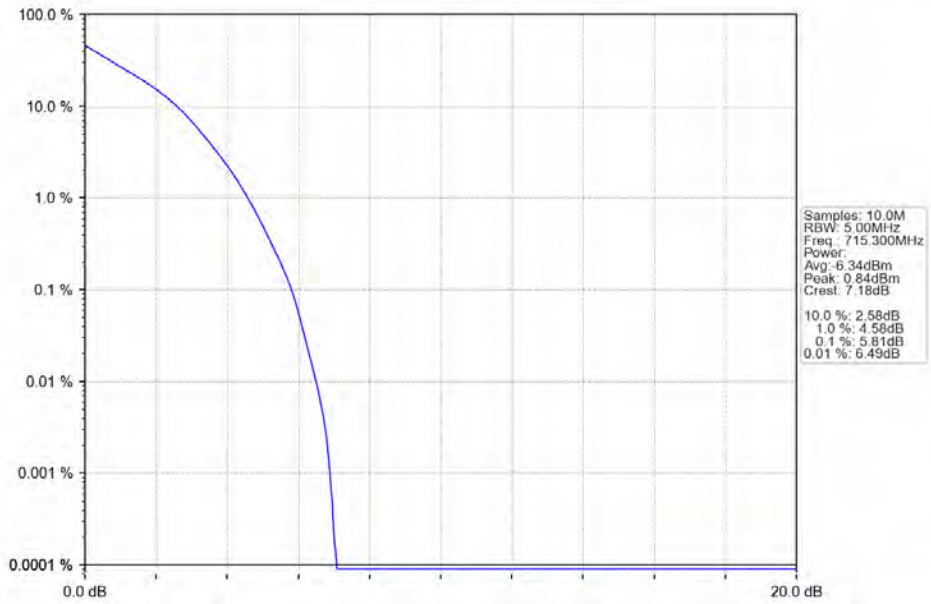
Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV



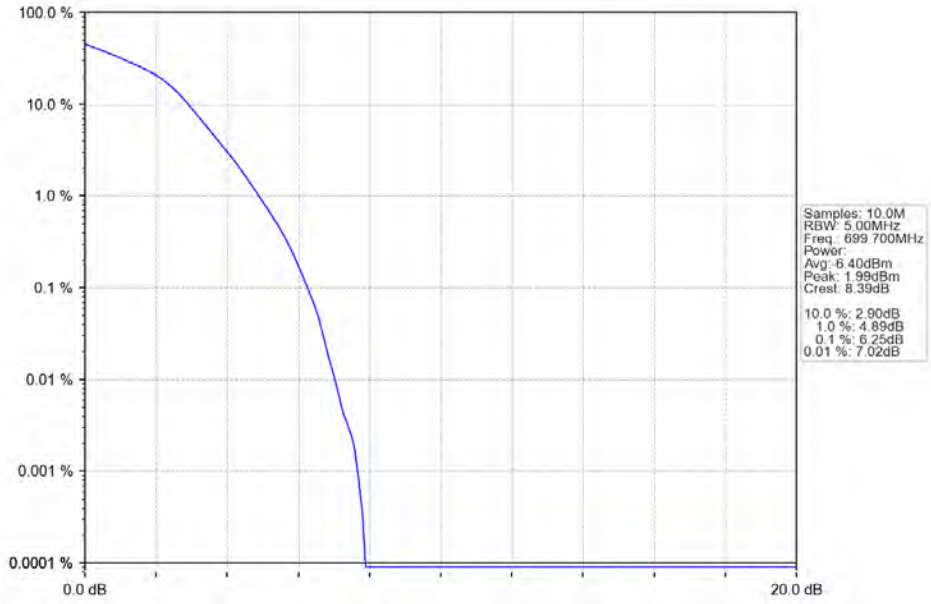
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_6_0_NTNV



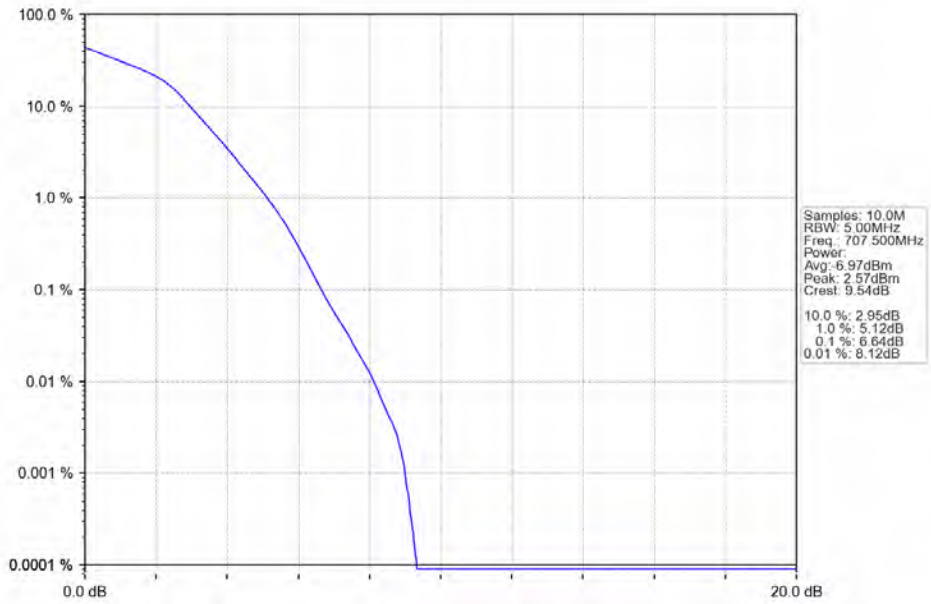
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



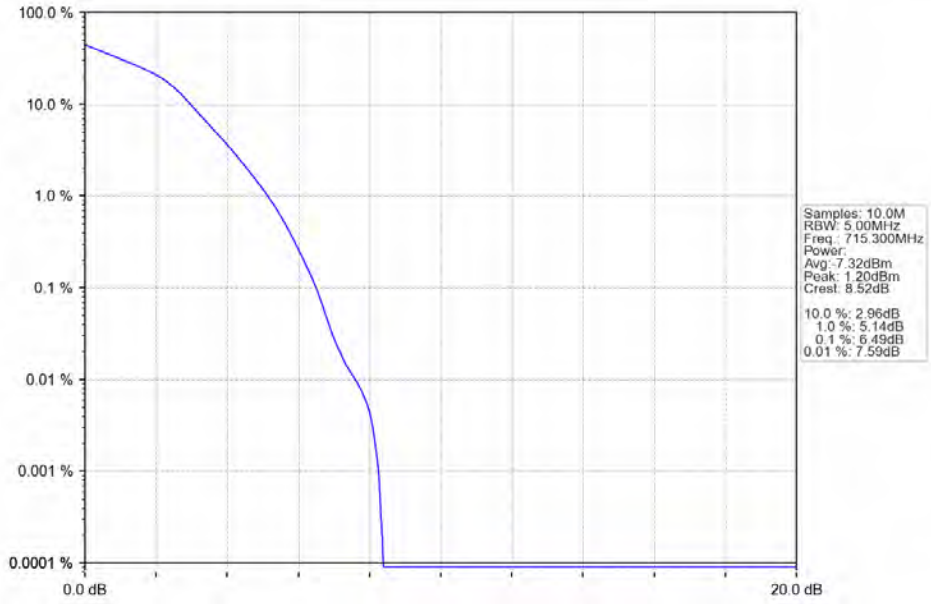
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



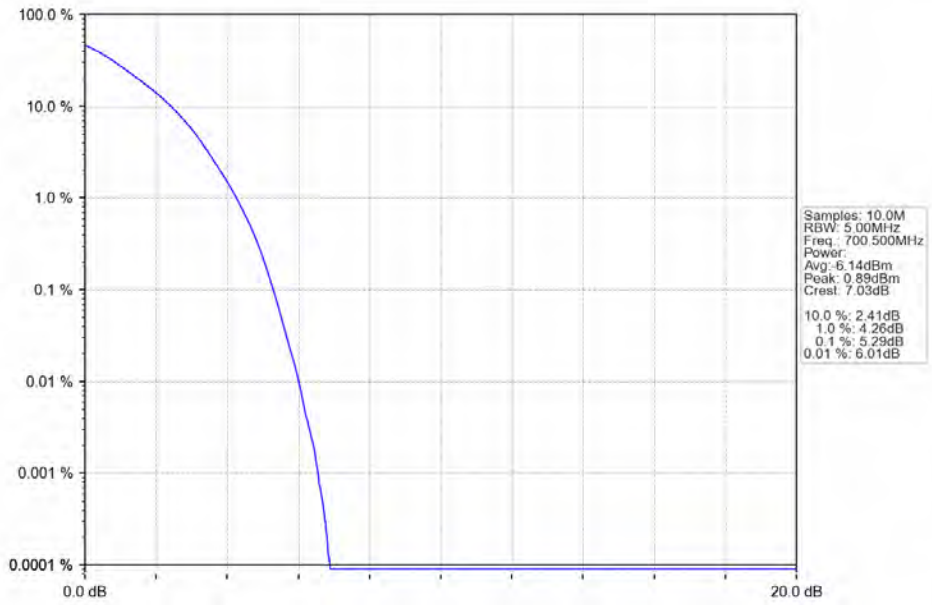
5.2 B12_3MHz

5.2.1 Test Result

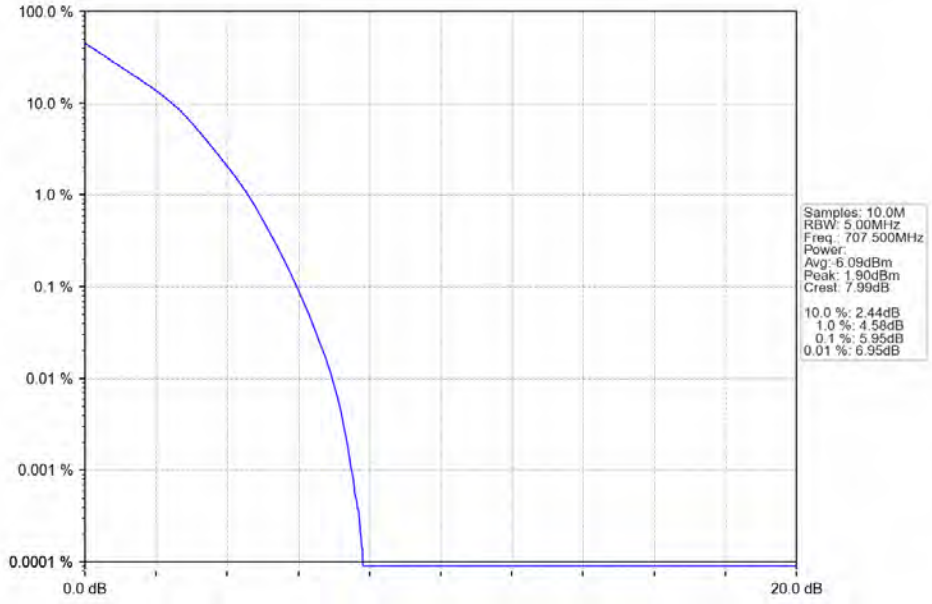
Band: 12 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	700.5	15	0	5.29	<=13	Pass
	707.5	15	0	5.95	<=13	Pass
	714.5	15	0	5.76	<=13	Pass
16QAM	700.5	15	0	6.14	<=13	Pass
	707.5	15	0	6.73	<=13	Pass
	714.5	15	0	6.46	<=13	Pass

5.2.2 Test Graph

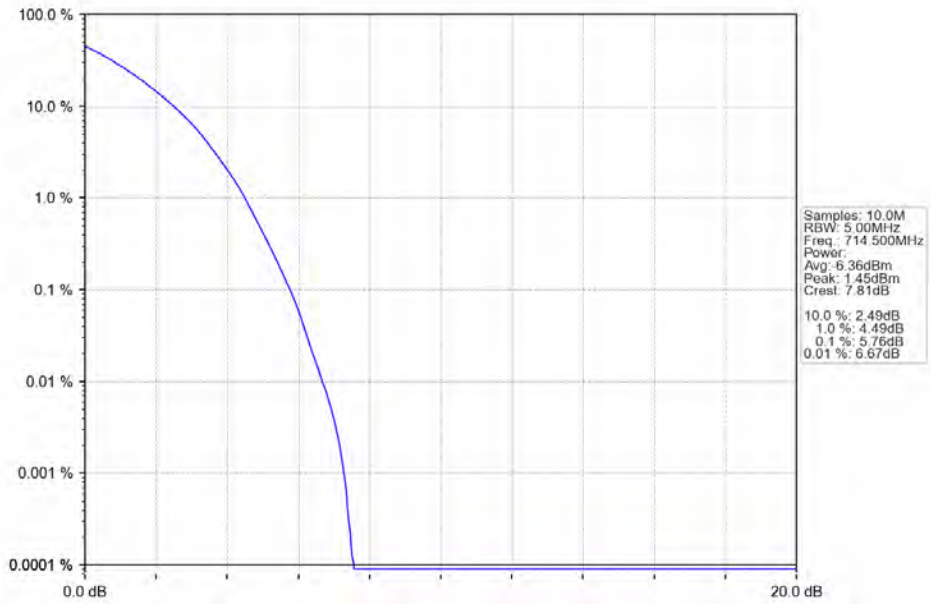
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



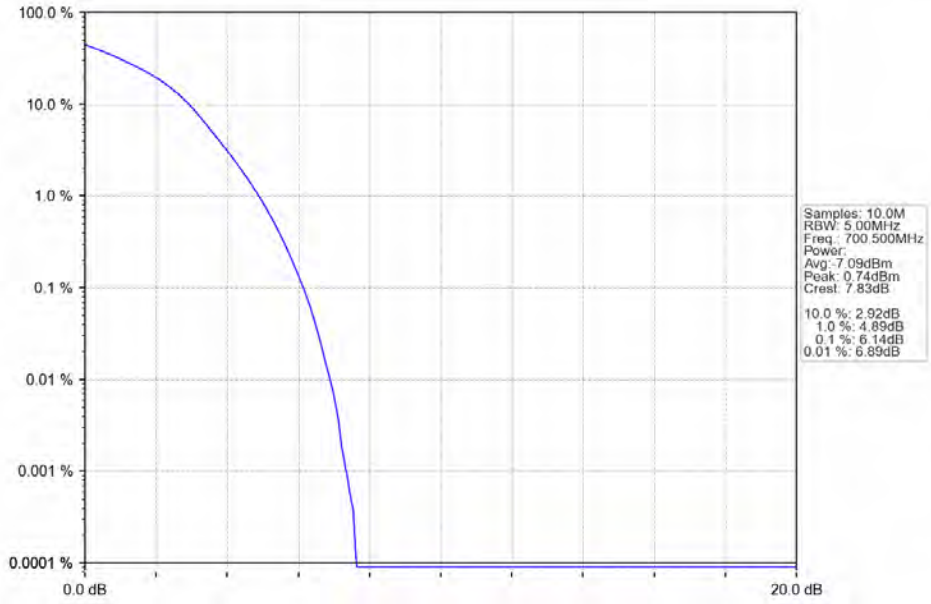
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



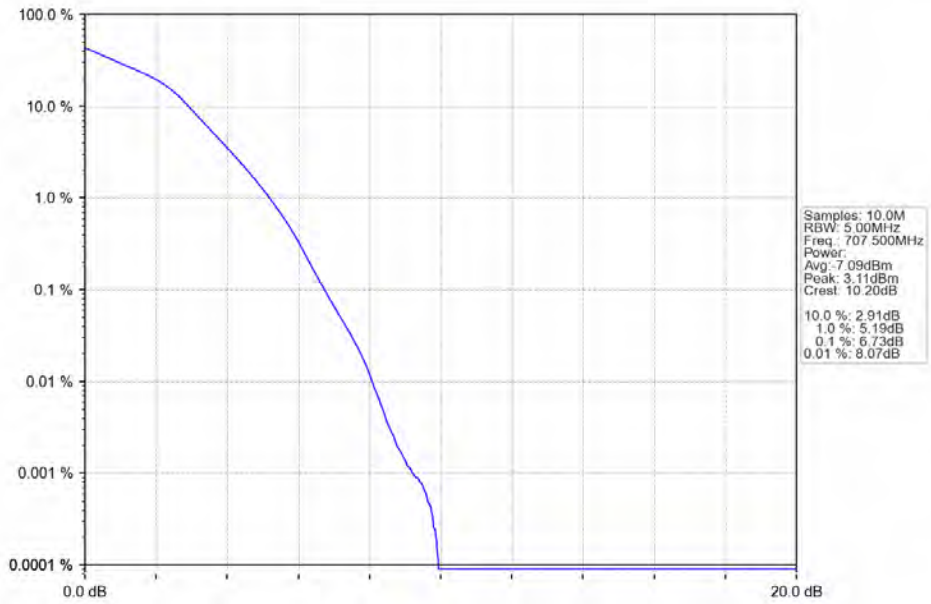
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



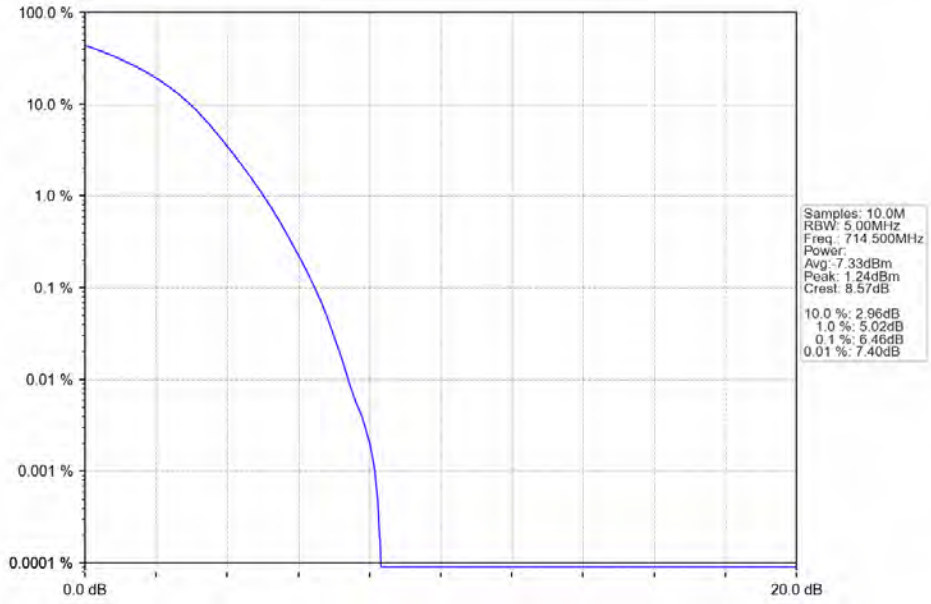
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



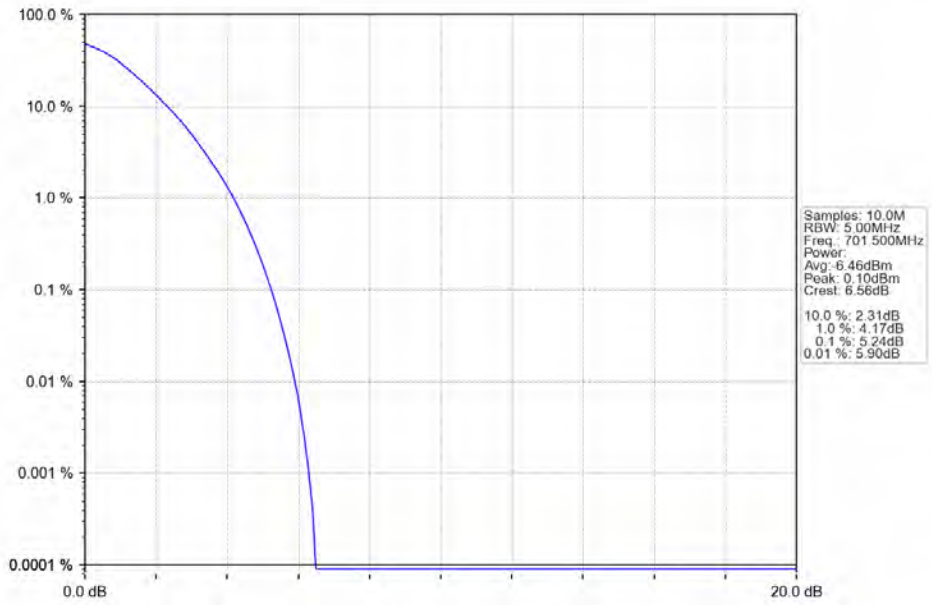
5.3 B12_5MHz

5.3.1 Test Result

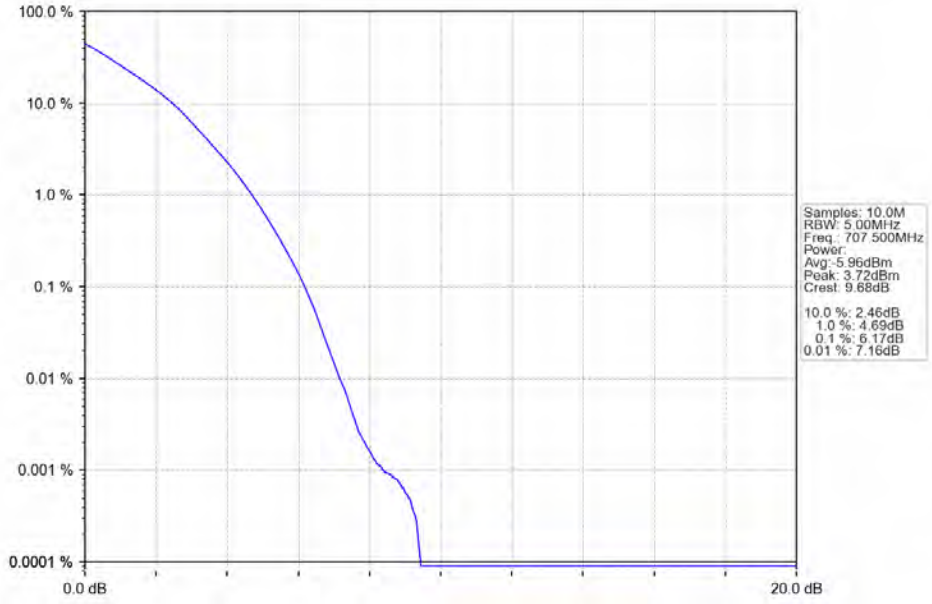
Band: 12 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	701.5	25	0	5.24	<=13	Pass
	707.5	25	0	6.17	<=13	Pass
	713.5	25	0	5.61	<=13	Pass
16QAM	701.5	25	0	6.08	<=13	Pass
	707.5	25	0	6.73	<=13	Pass
	713.5	25	0	6.34	<=13	Pass

5.3.2 Test Graph

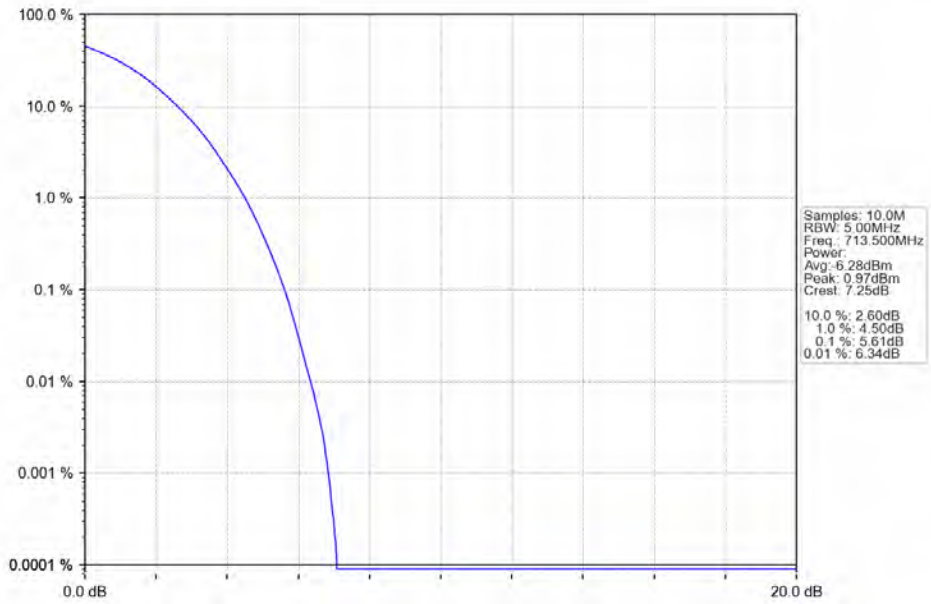
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



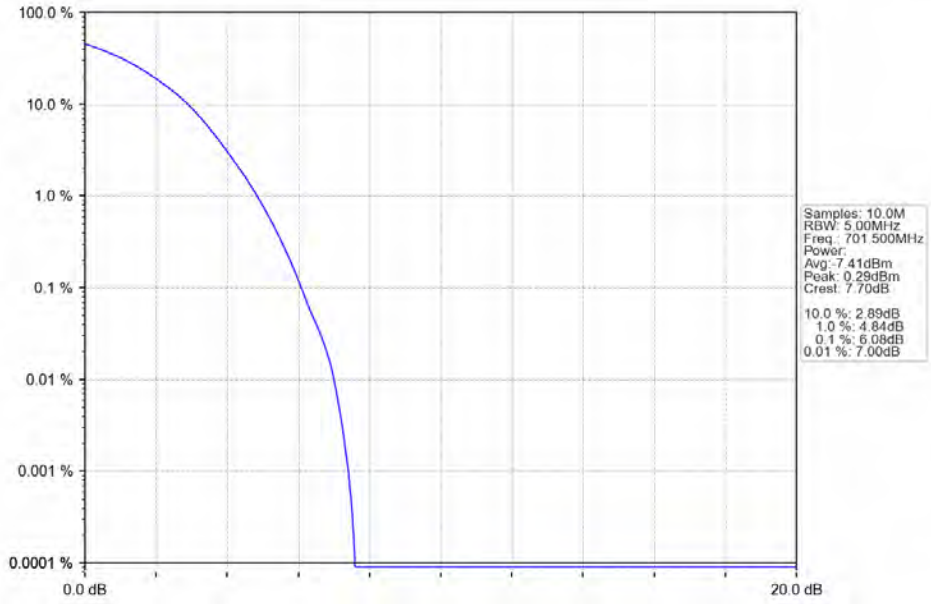
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



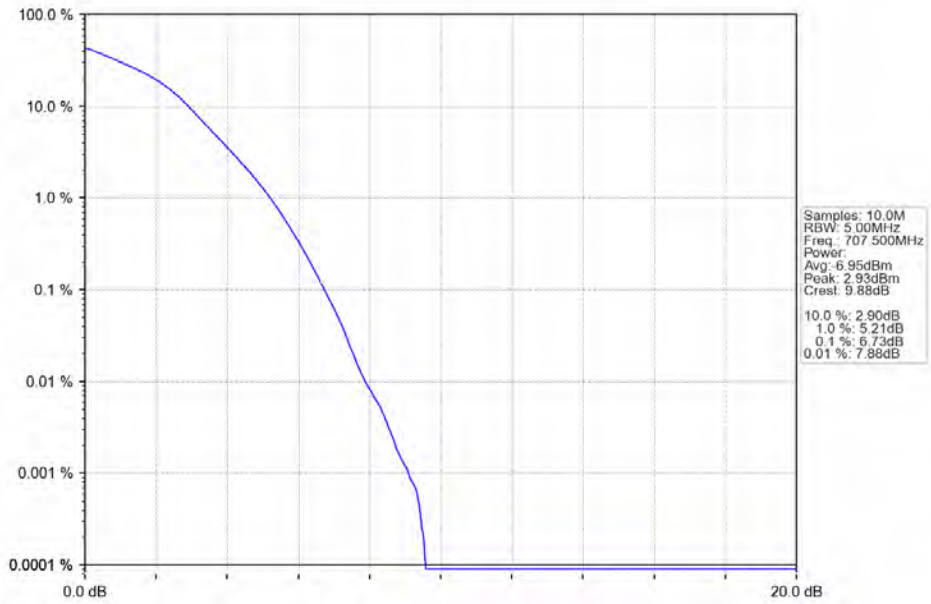
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



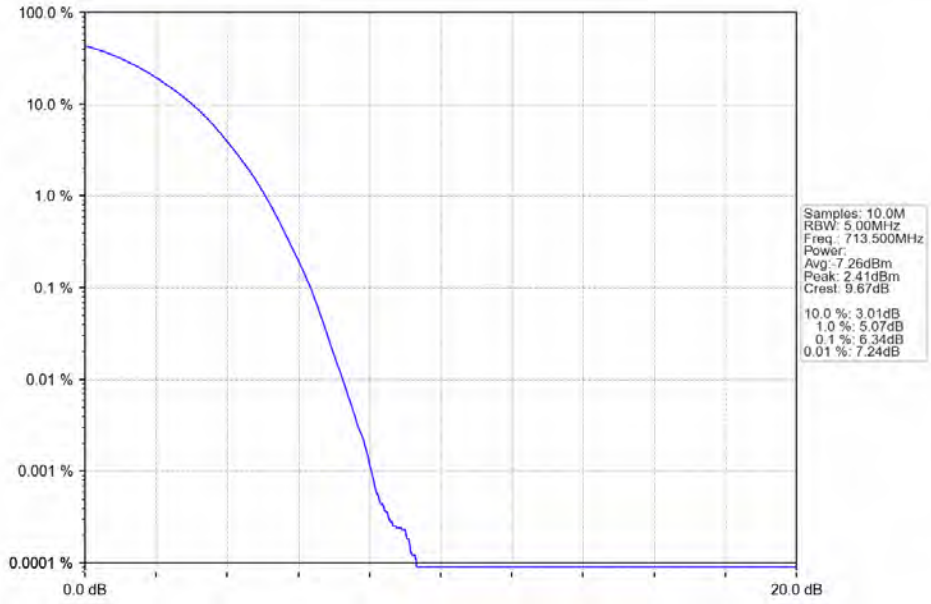
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



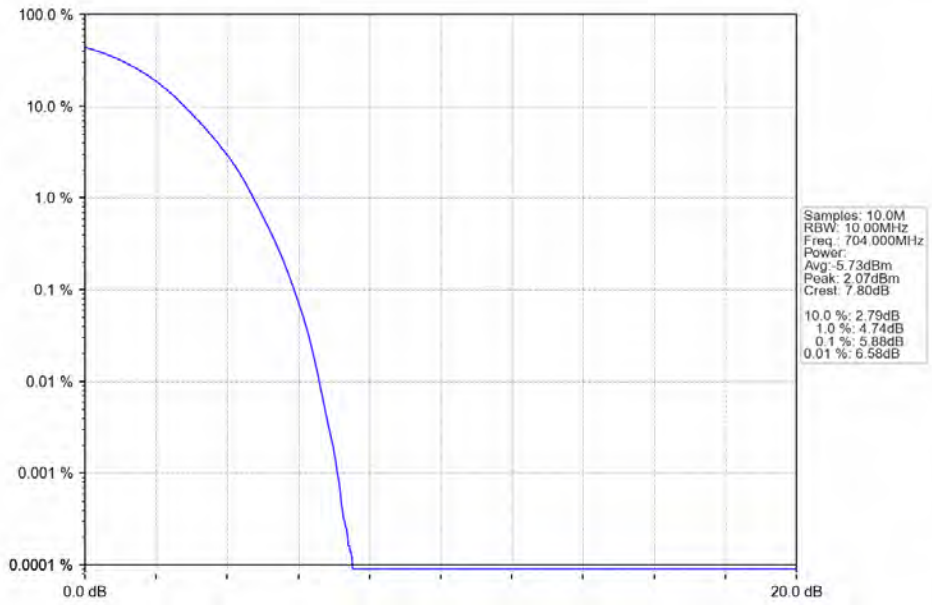
5.4 B12_10MHz

5.4.1 Test Result

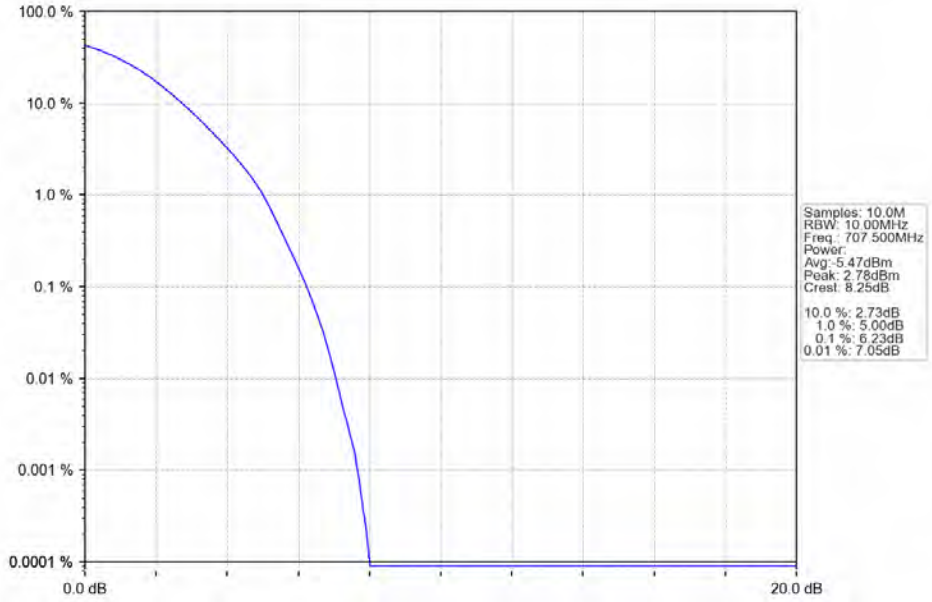
Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	704	50	0	5.88	<=13	Pass
	707.5	50	0	6.23	<=13	Pass
	711	50	0	5.29	<=13	Pass
16QAM	704	50	0	6.59	<=13	Pass
	707.5	50	0	6.80	<=13	Pass
	711	50	0	6.17	<=13	Pass

5.4.2 Test Graph

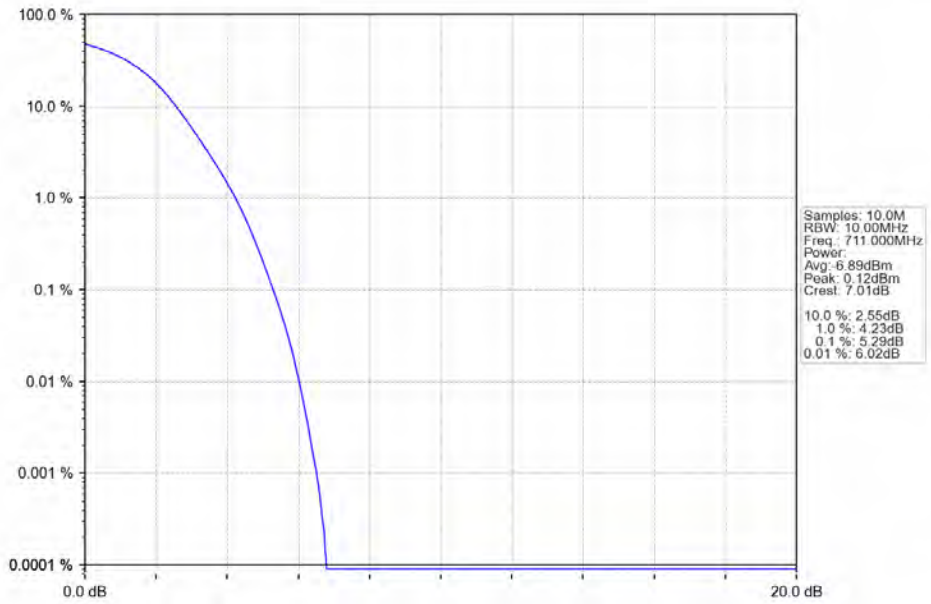
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



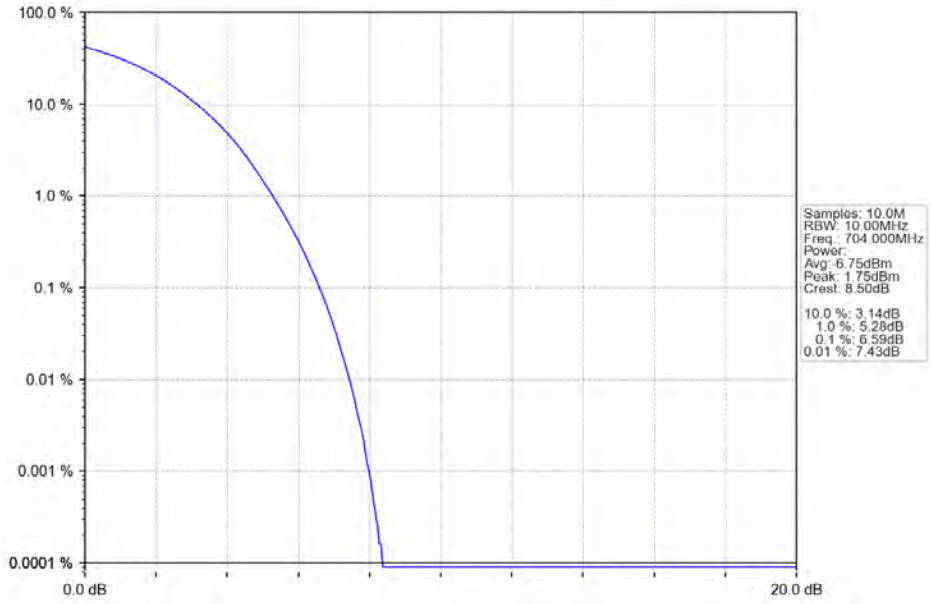
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



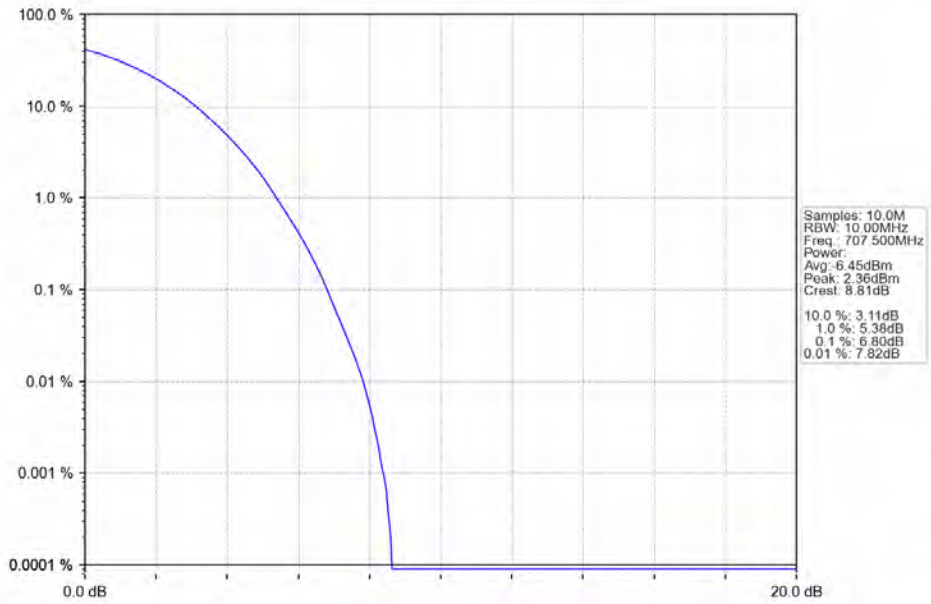
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



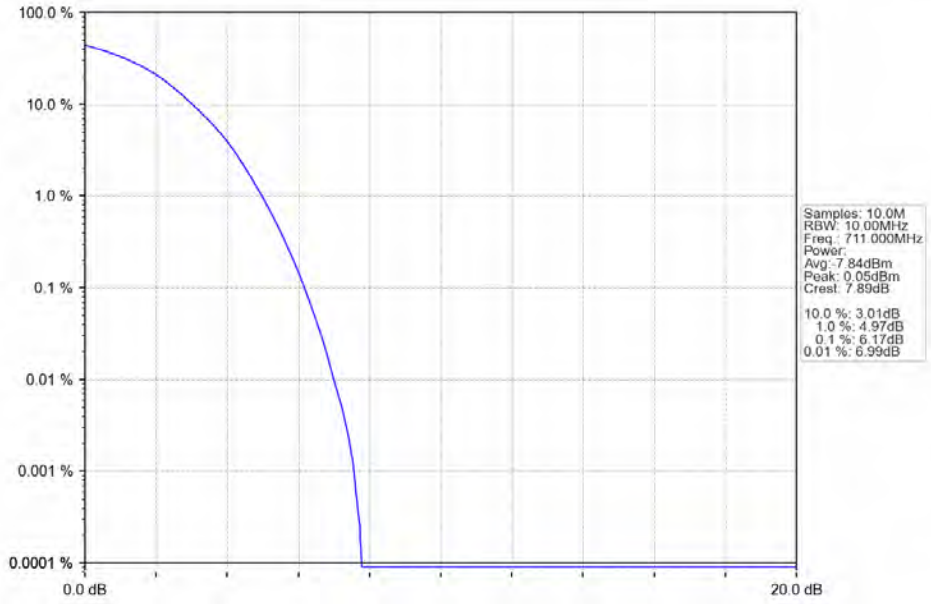
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



6. Spurious Emission

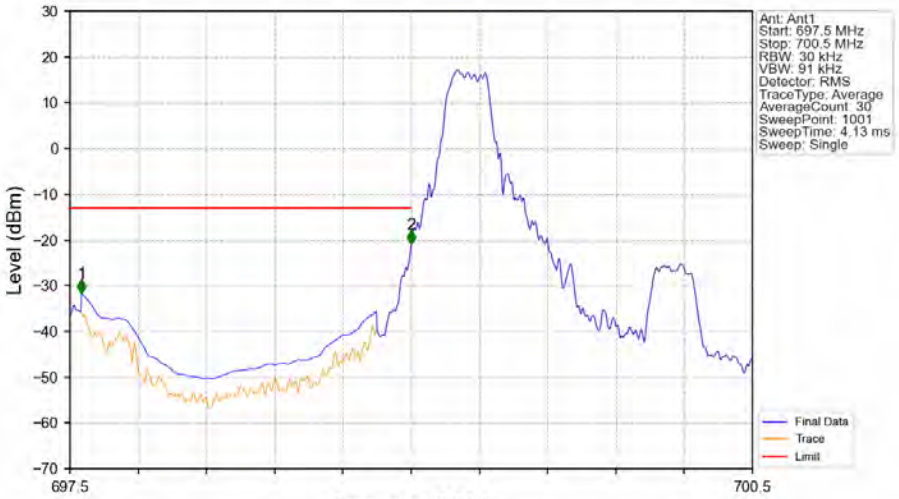
6.1 B12_1.4MHz

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

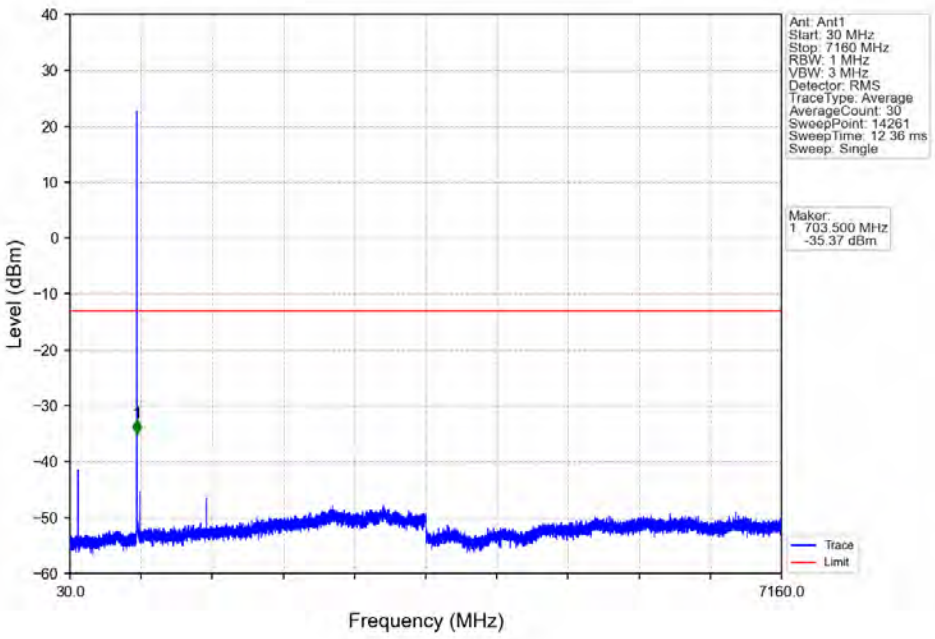
6.1.2 Test Graph

Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_1_0_NTNV

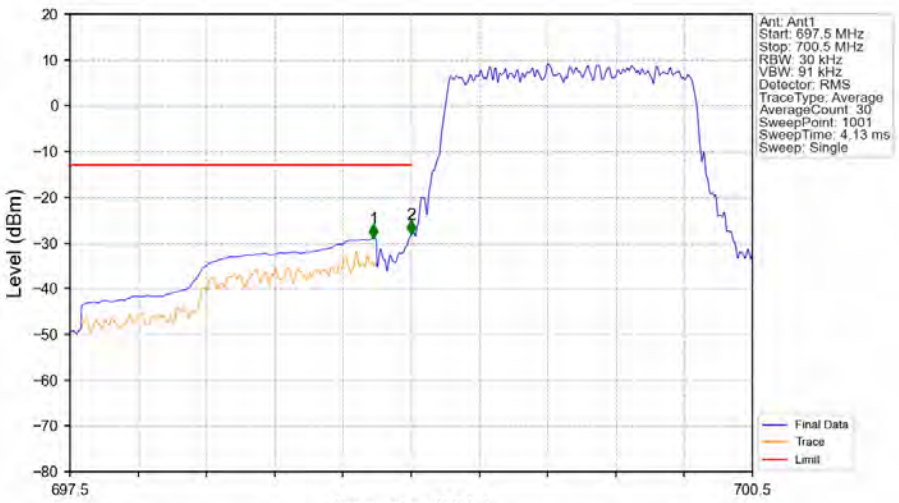


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
697.5	698.9	0.1	CHP	1	697.551	-31.74	-13	Pass
698.9	699	0.03	/	2	699.000	-20.93	-13	Pass
699	700.5	0.03	/	/	/	/	/	/

Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_1_0_NTNV

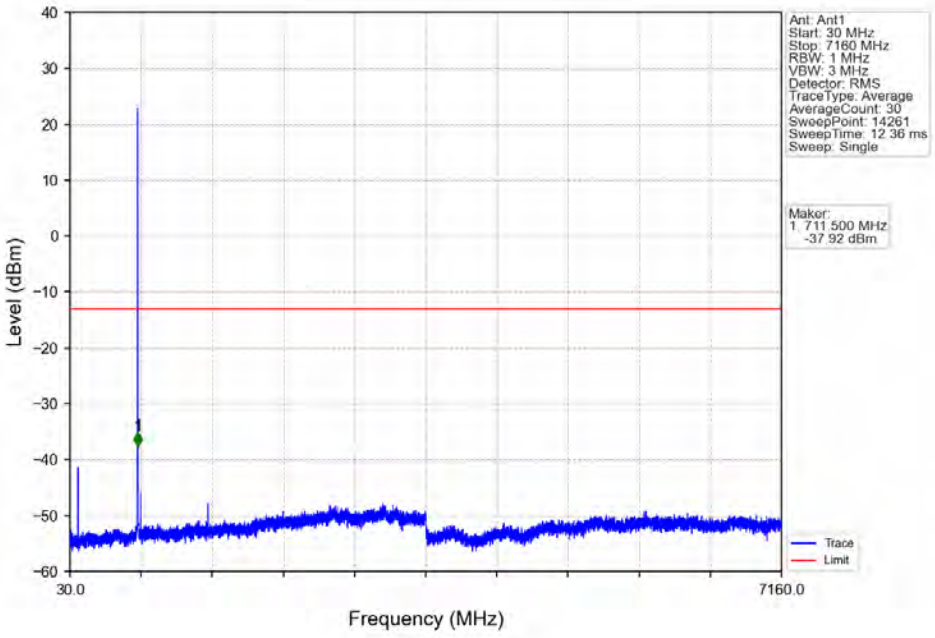


Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV

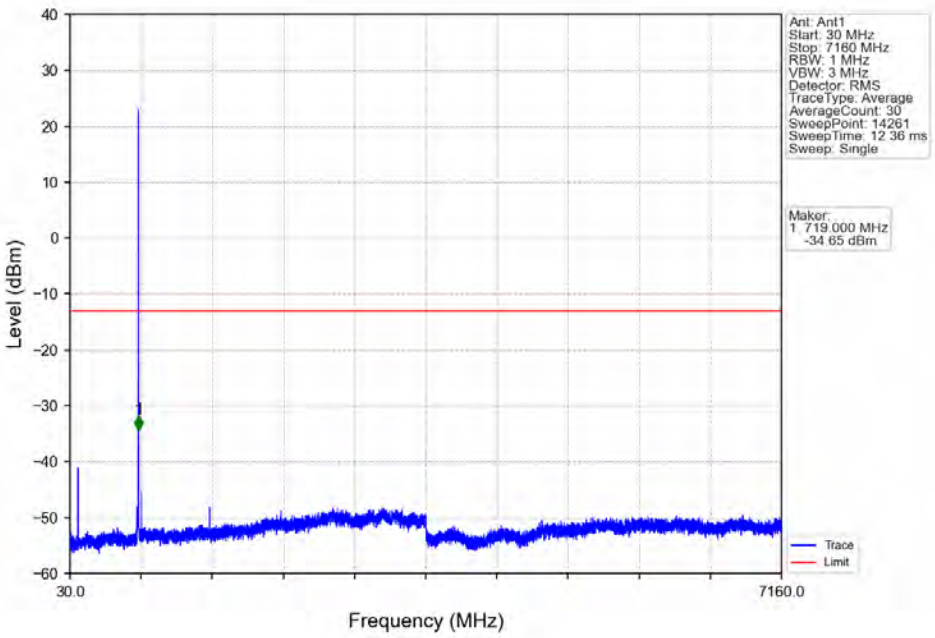


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
697.5	698.9	0.1	CHP	1	698.835	-28.98	-13	Pass
698.9	699	0.03	/	2	699.000	-28.15	-13	Pass
699	700.5	0.03	/	/	/	/	/	/

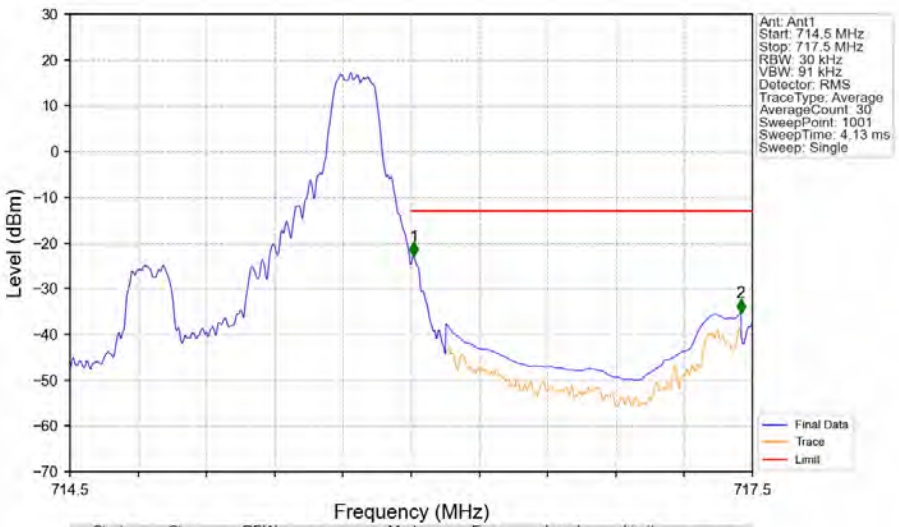
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_0_NTNV

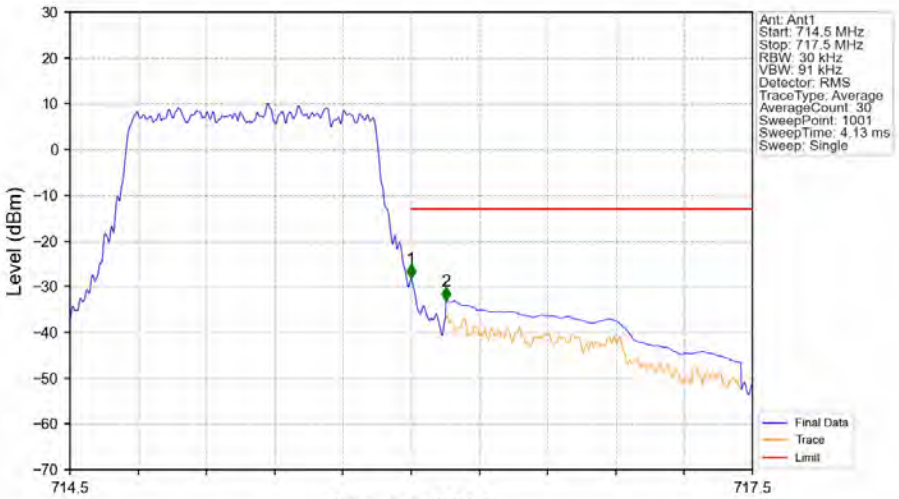


Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_5_NTNV



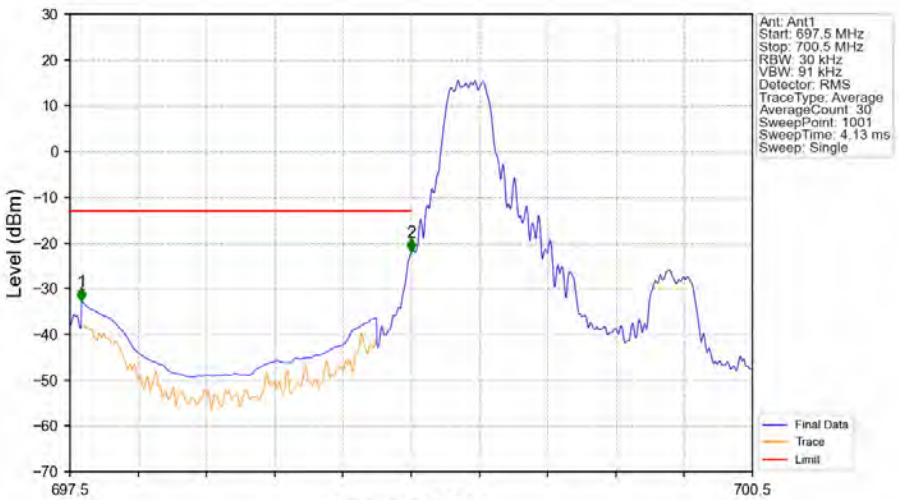
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
714.5	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.012	-22.90	-13	Pass
716.1	717.5	0.1	CHP	2	717.449	-35.37	-13	Pass

Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



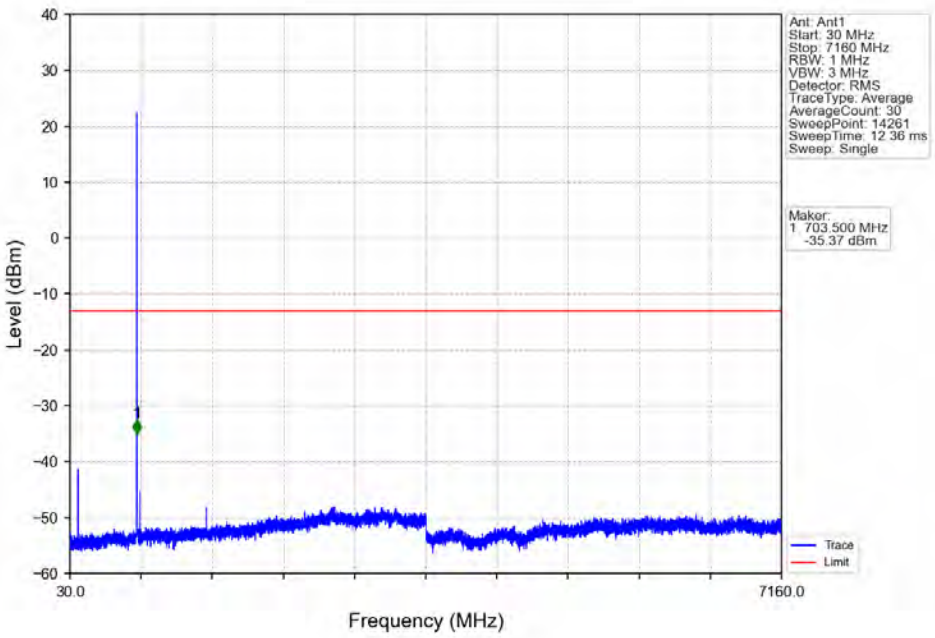
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
714.5	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-28.25	-13	Pass
716.1	717.5	0.1	CHP	2	716.153	-33.10	-13	Pass

Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_1_0_NTNV

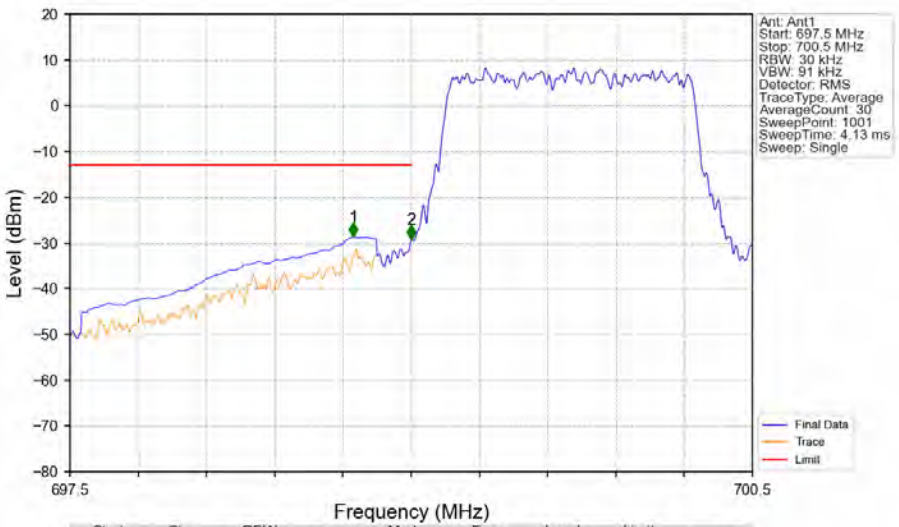


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
697.5	698.9	0.1	CHP	1	697.551	-32.85	-13	Pass
698.9	699	0.03	/	2	699.000	-22.07	-13	Pass
699	700.5	0.03	/	/	/	/	/	/

Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_1_0_NTNV

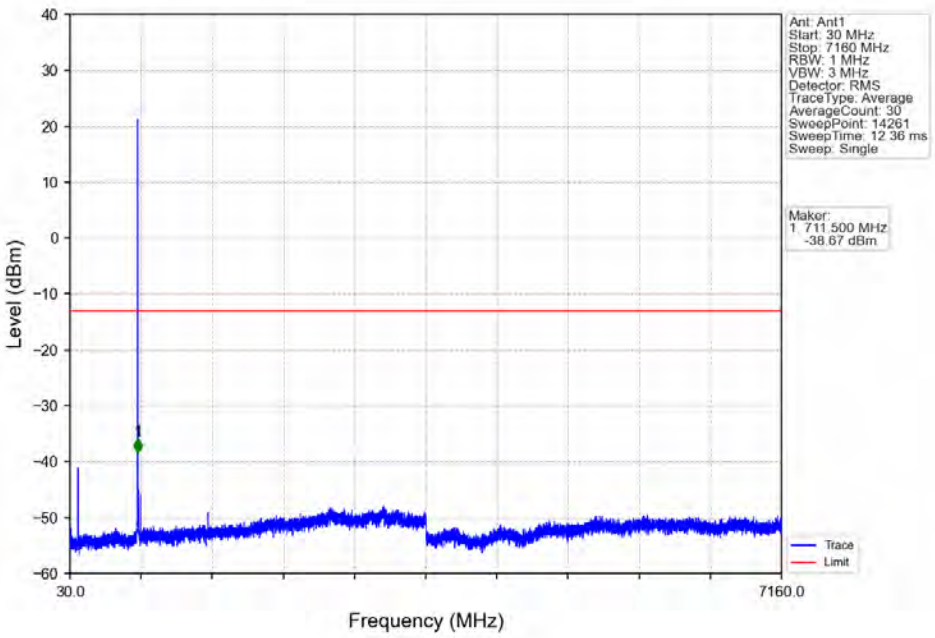


Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV

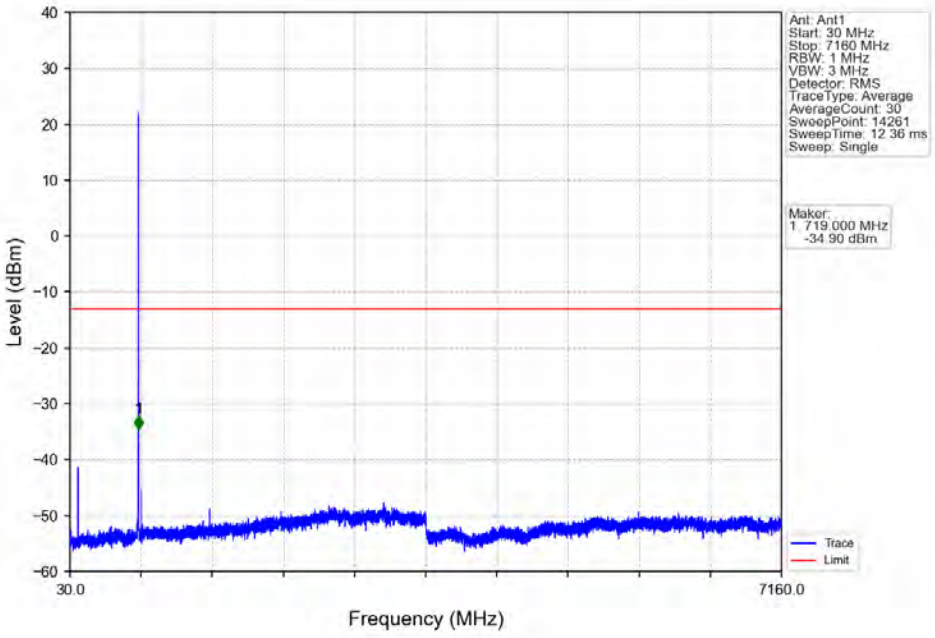


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
697.5	698.9	0.1	CHP	1	698.745	-28.71	-13	Pass
698.9	699	0.03	/	2	699.000	-29.21	-13	Pass
699	700.5	0.03	/	/	/	/	/	/

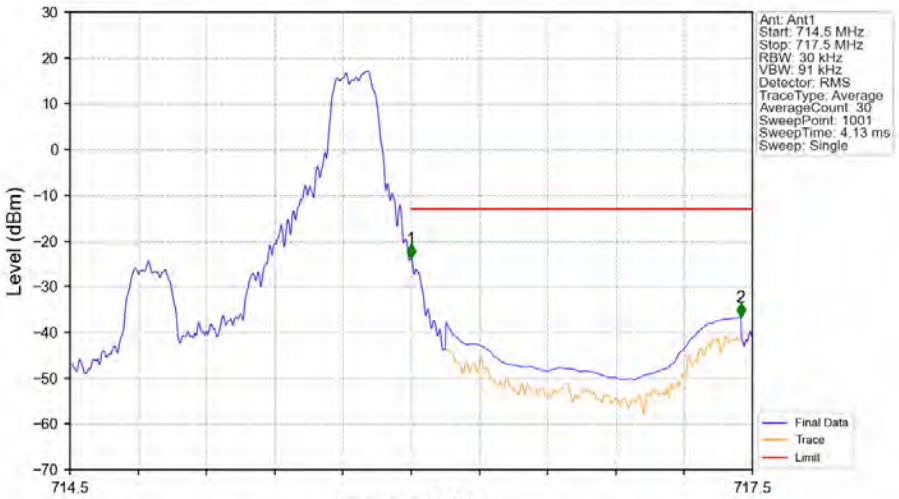
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_1_0_NTNV

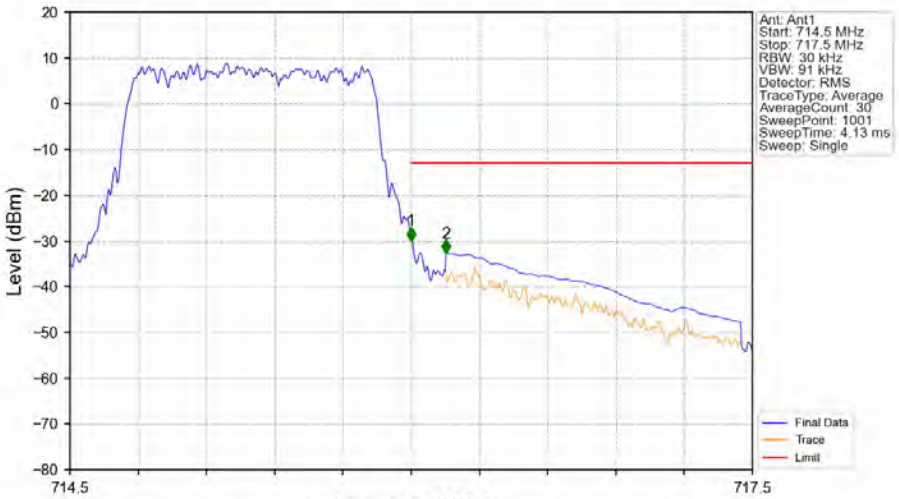


Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_1_5_NTNV



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	-23.74	-13	Pass
716.1	717.5	0.1	CHP	2	717.449	-36.61	-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	716.000	-30.01	-13	Pass
716.1	717.5	0.1	CHP	2	716.153	-32.70	-13	Pass

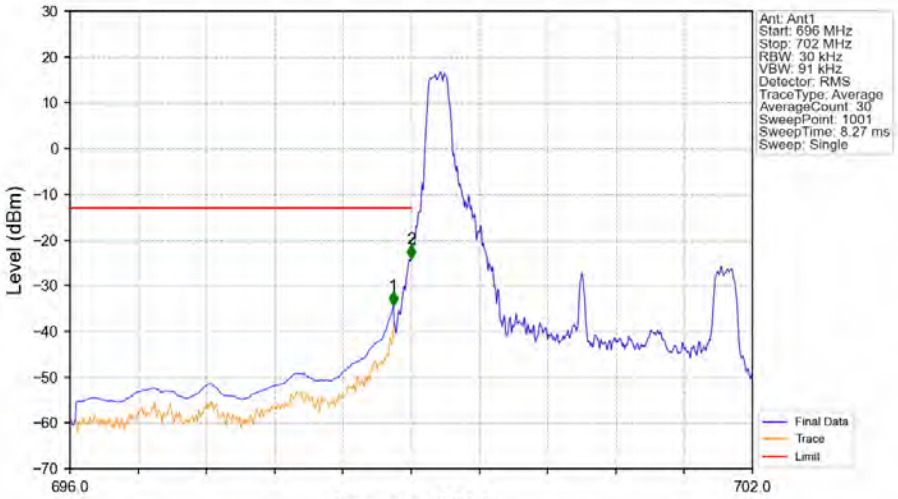
6.2 B12_3MHz

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

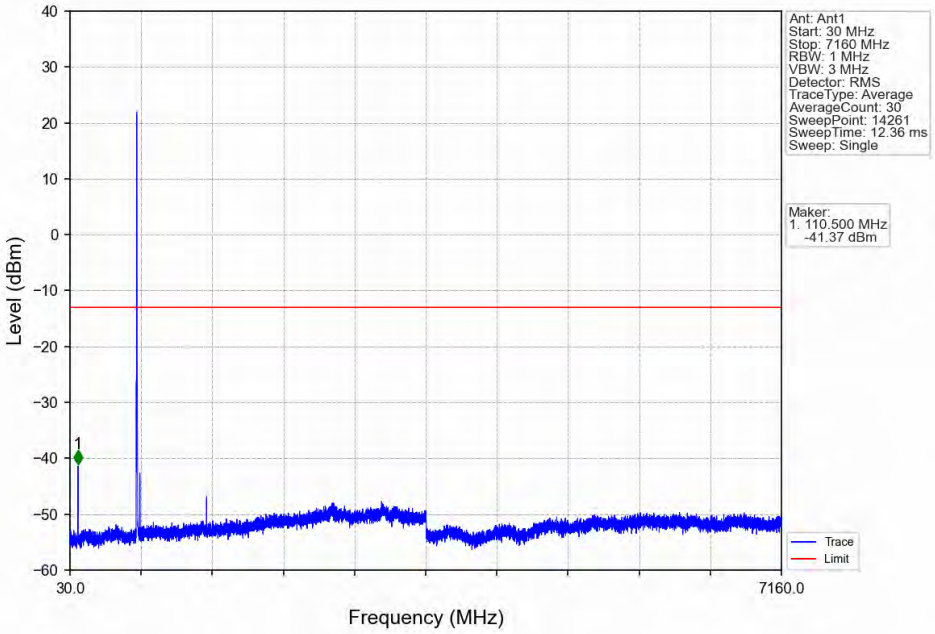
6.2.2 Test Graph

Band12_3MHz_QPSK_LCH_700.5MHz_RB_1_0_NTNV

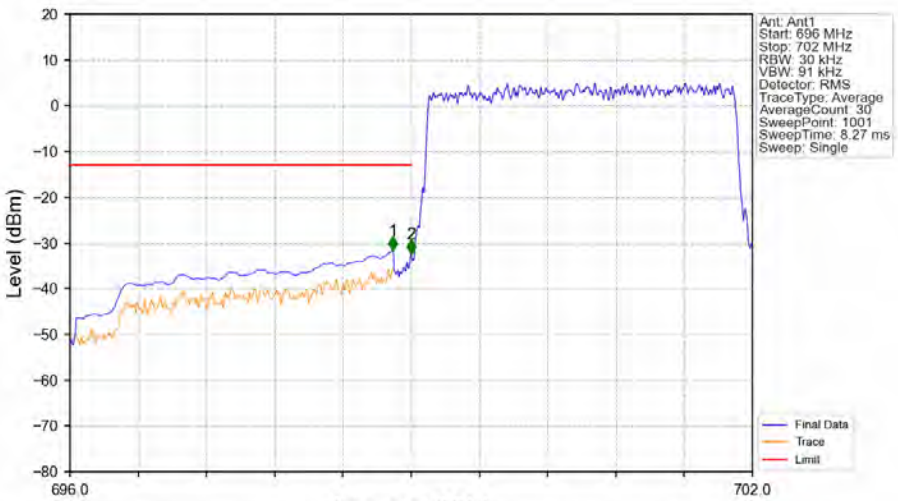


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-34.35	-13	Pass
698.9	699	0.03	/	2	699.000	-24.12	-13	Pass
699	702	0.03	/	/	/	/	/	/

Band12_3MHz_QPSK_LCH_700.5MHz_RB_1_0_NTNV

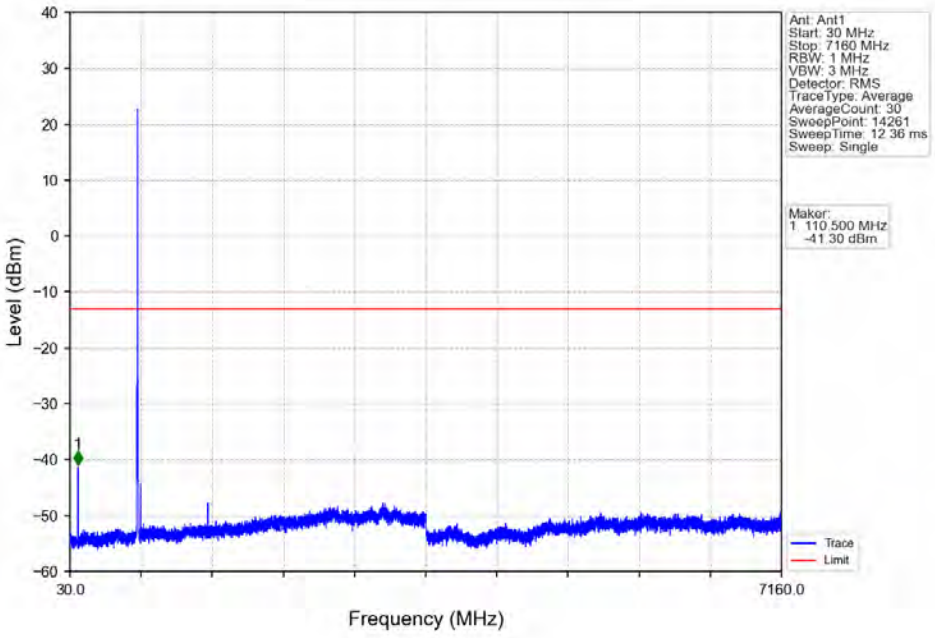


Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV

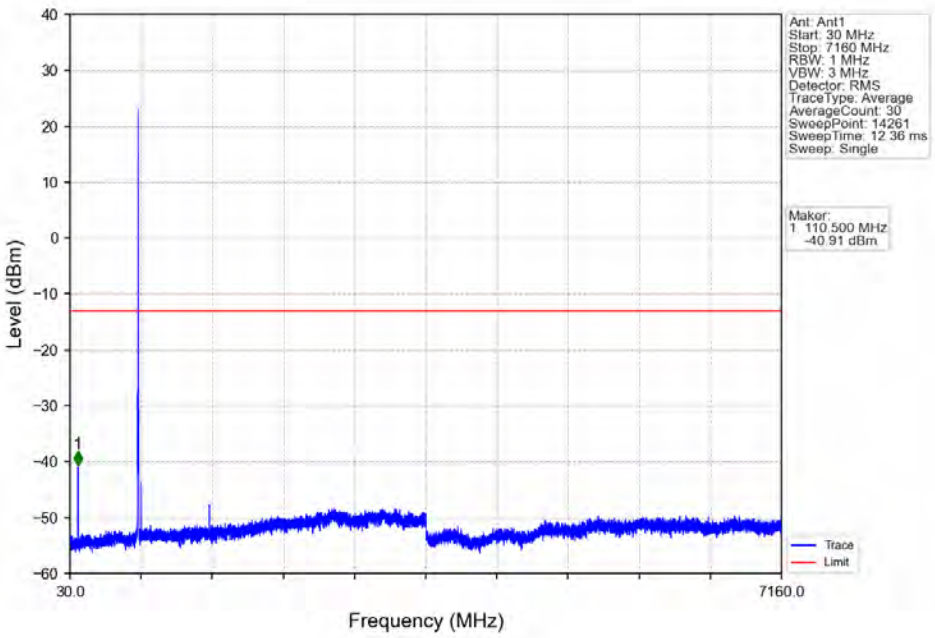


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.838	-31.69	-13	Pass
698.9	699	0.03	/	2	699.000	-32.43	-13	Pass
699	702	0.03	/	/	/	/	/	/

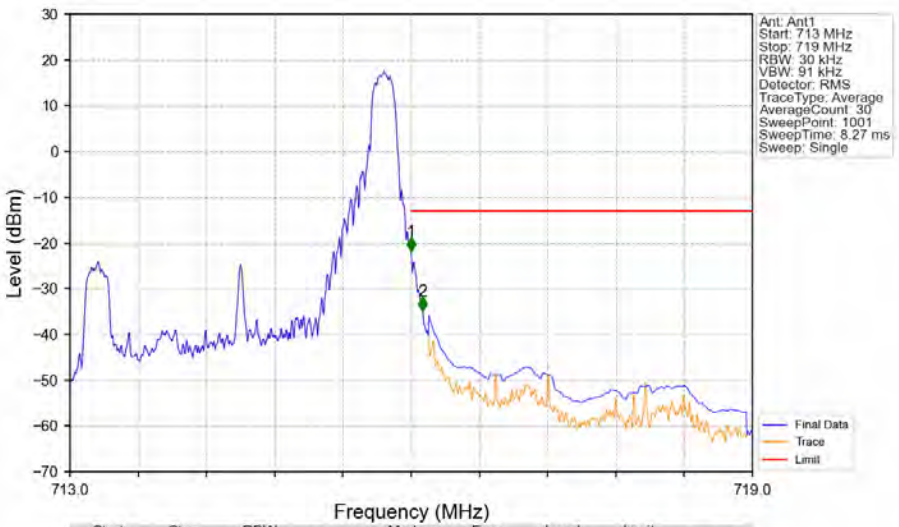
Band12_3MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_0_NTNV

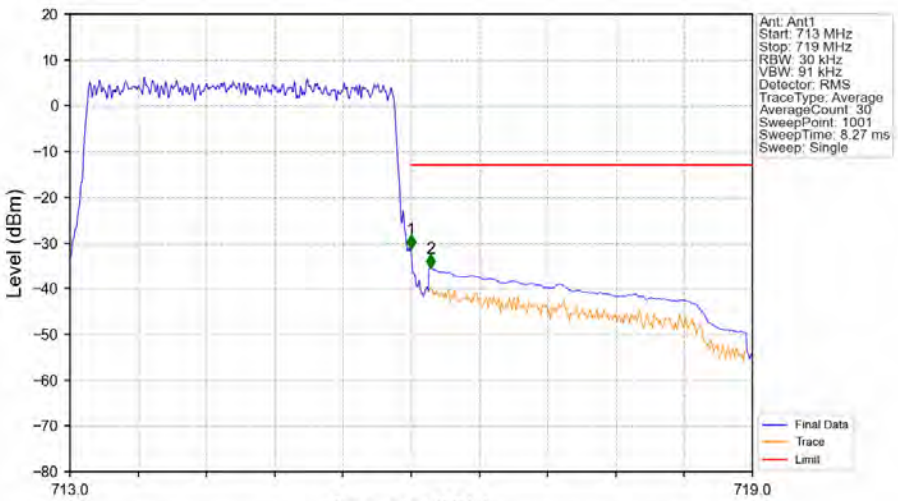


Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_14_NTNV



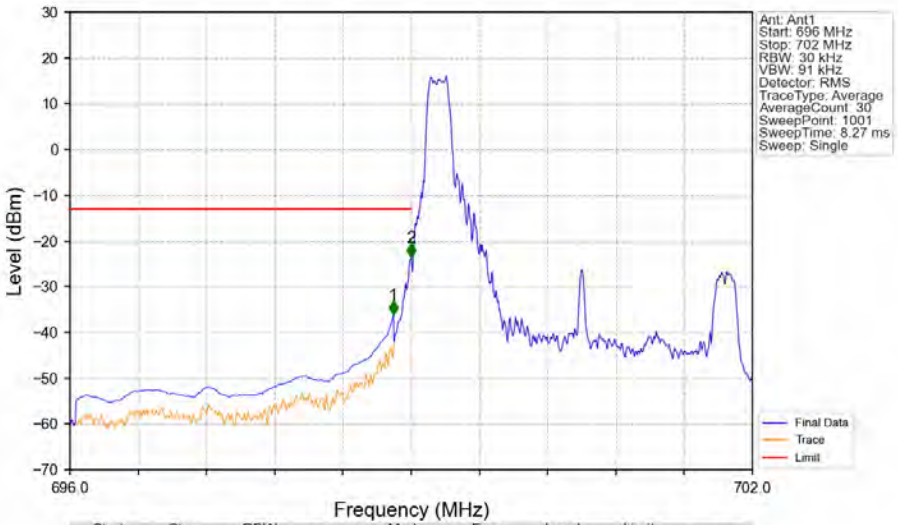
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-21.85	-13	Pass
716.1	719	0.1	CHP	2	716.102	-34.94	-13	Pass

Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



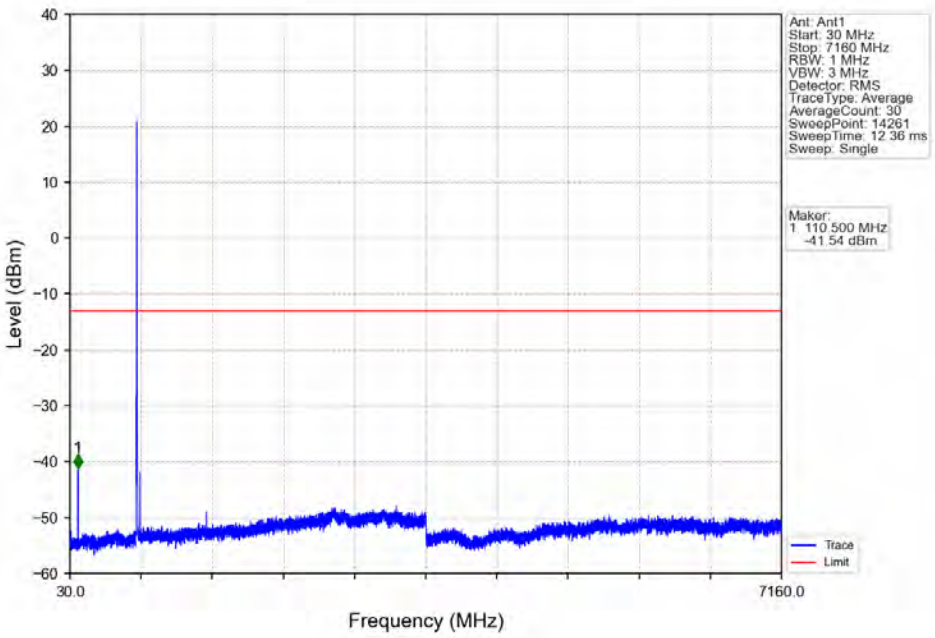
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-31.40	-13	Pass
716.1	719	0.1	CHP	2	716.168	-35.58	-13	Pass

Band12_3MHz_16QAM_LCH_700.5MHz_RB_1_0_NTNV

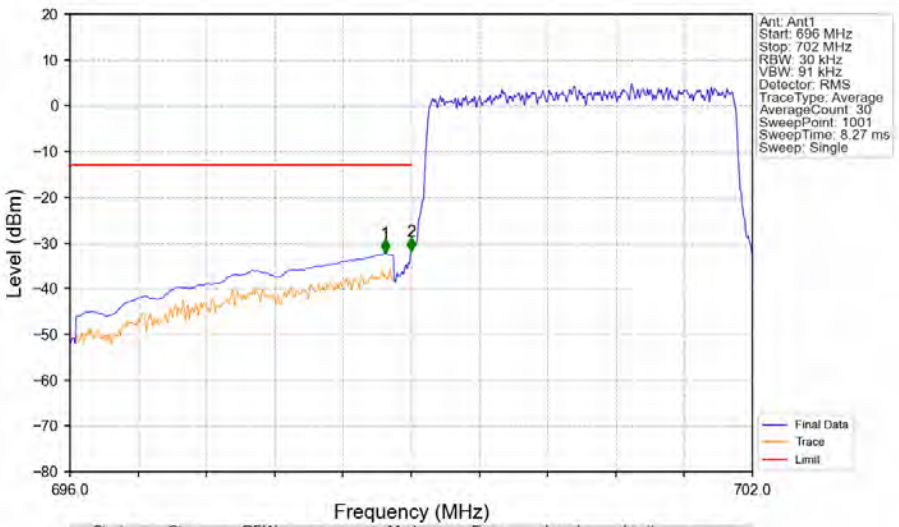


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-36.20	-13	Pass
698.9	699	0.03	/	2	699.000	-23.59	-13	Pass
699	702	0.03	/	/	/	/	/	/

Band12_3MHz_16QAM_LCH_700.5MHz_RB_1_0_NTNV

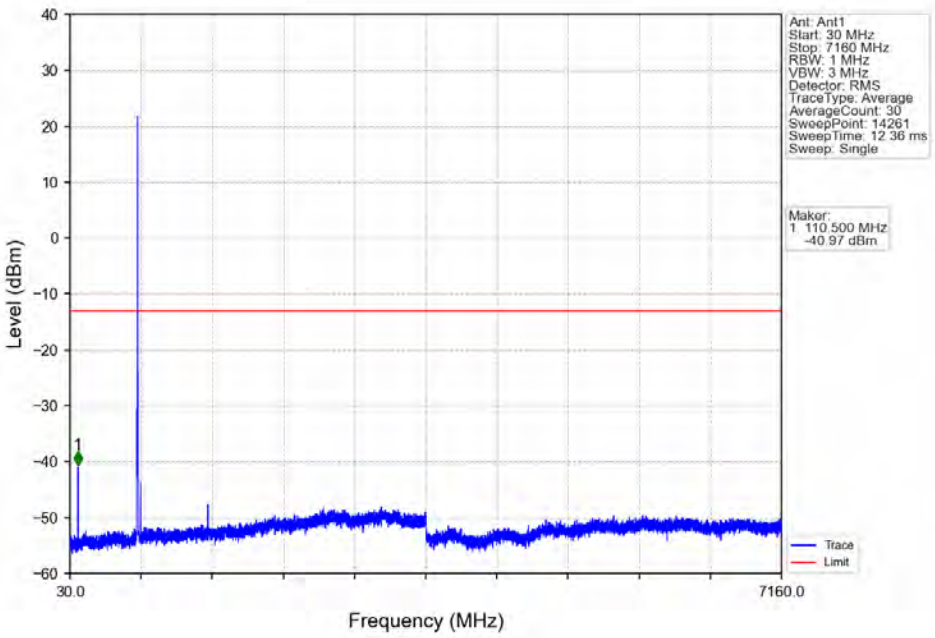


Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV

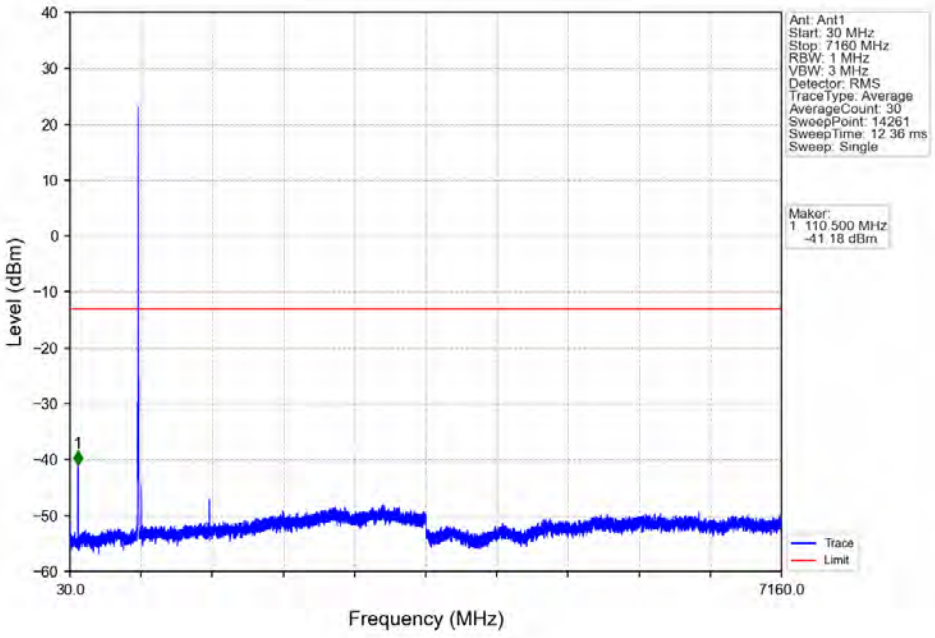


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.772	-32.27	-13	Pass
698.9	699	0.03	/	2	699.000	-31.87	-13	Pass
699	702	0.03	/	/	/	/	/	/

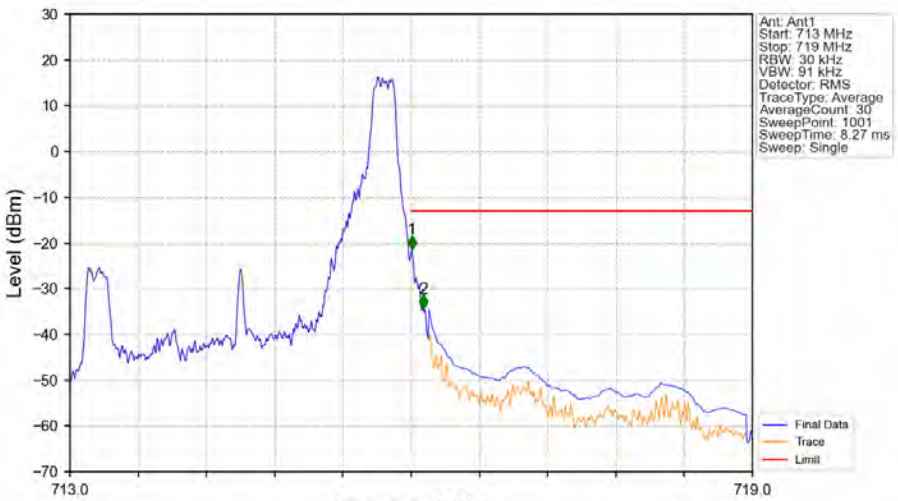
Band12_3MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



Band12_3MHz_16QAM_HCH_714.5MHz_RB_1_0_NTNV

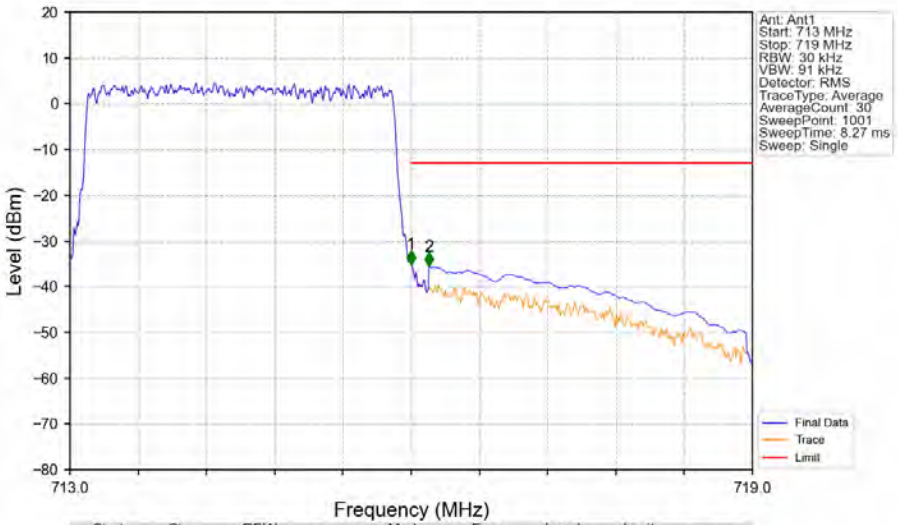


Band12_3MHz_16QAM_HCH_714.5MHz_RB_1_14_NTNV



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	-21.42	-13	Pass
716.1	719	0.1	CHP	2	716.108	-34.36	-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	716.000	-35.12	-13	Pass
716.1	719	0.1	CHP	2	716.156	-35.59	-13	Pass

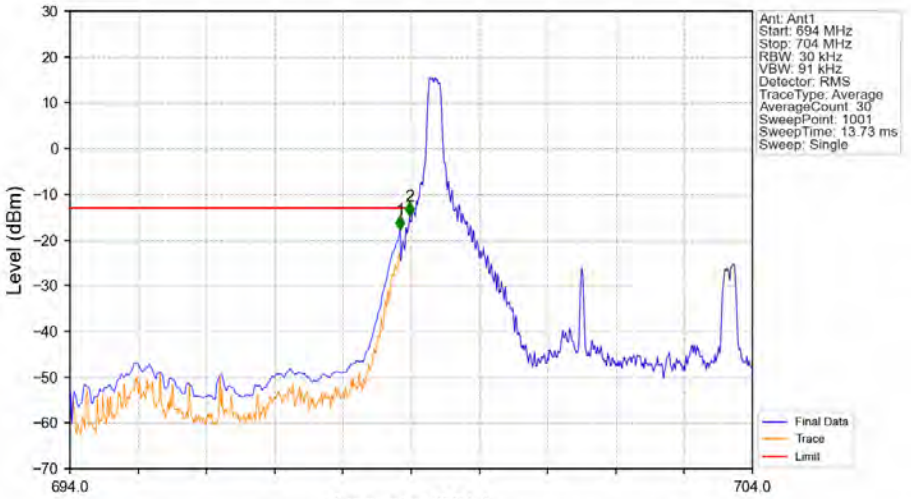
6.3 B12_5MHz

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

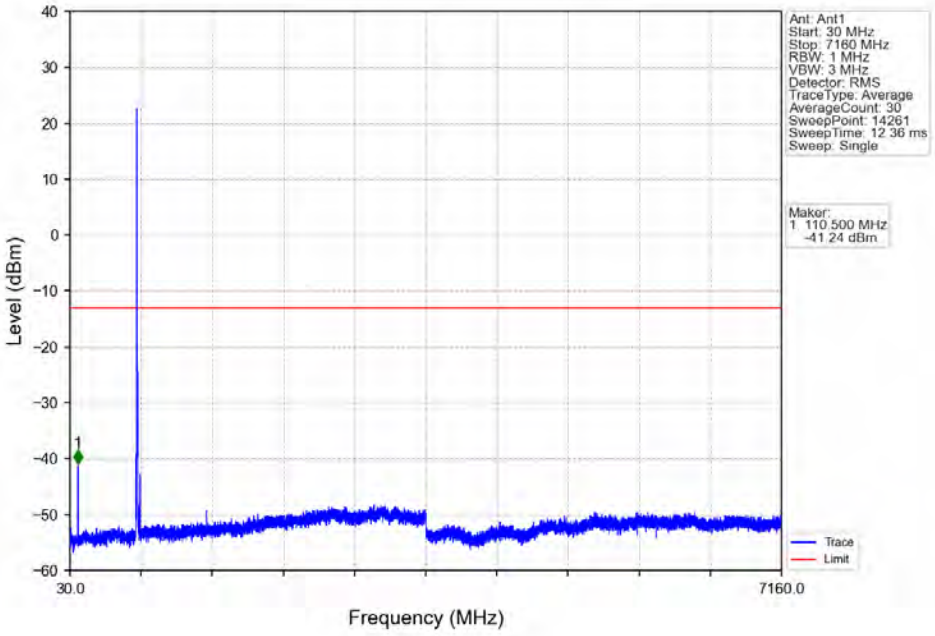
6.3.2 Test Graph

Band12_5MHz_QPSK_LCH_701.5MHz_RB_1_0_NTNV

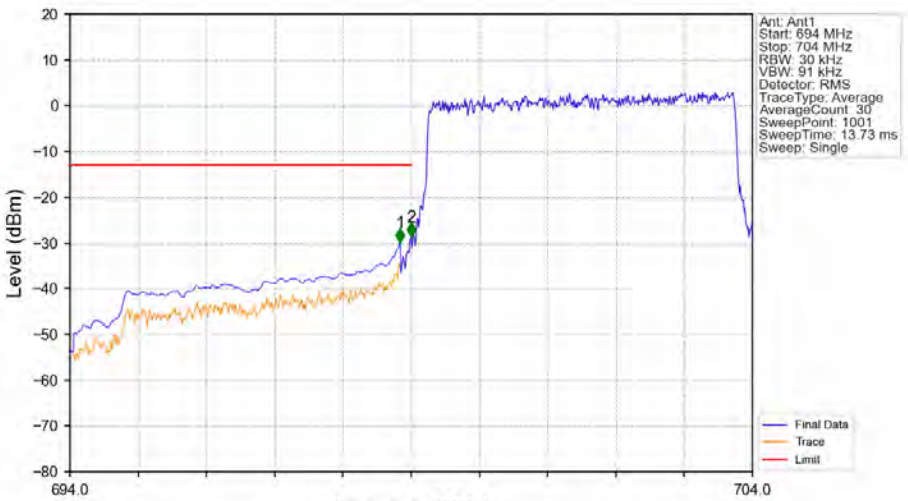


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-17.87	-13	Pass
698.9	699	0.03	/	2	698.980	-14.85	-13	Pass
699	704	0.03	/	/	/	/	/	/

Band12_5MHz_QPSK_LCH_701.5MHz_RB_1_0_NTNV

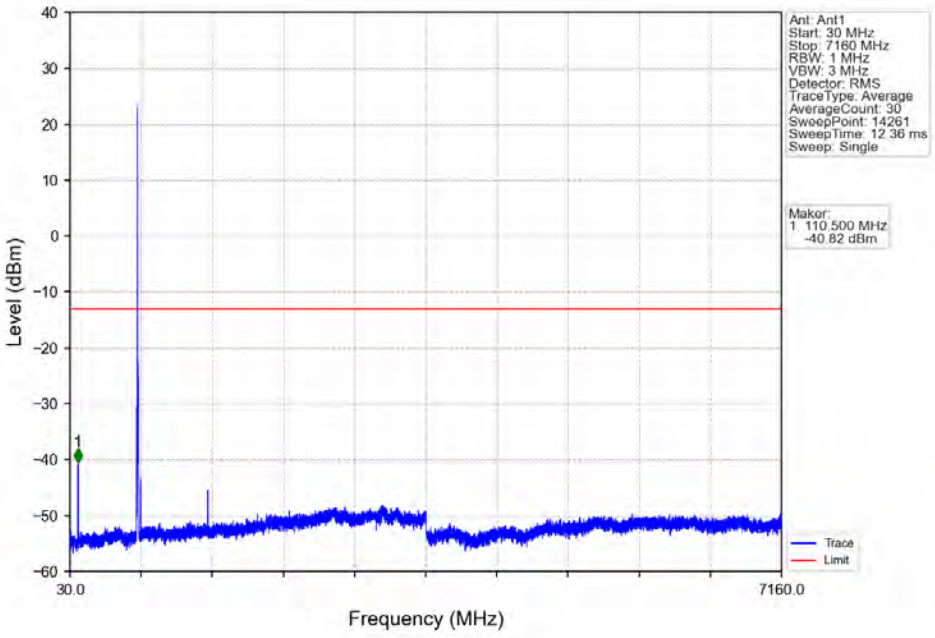


Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV

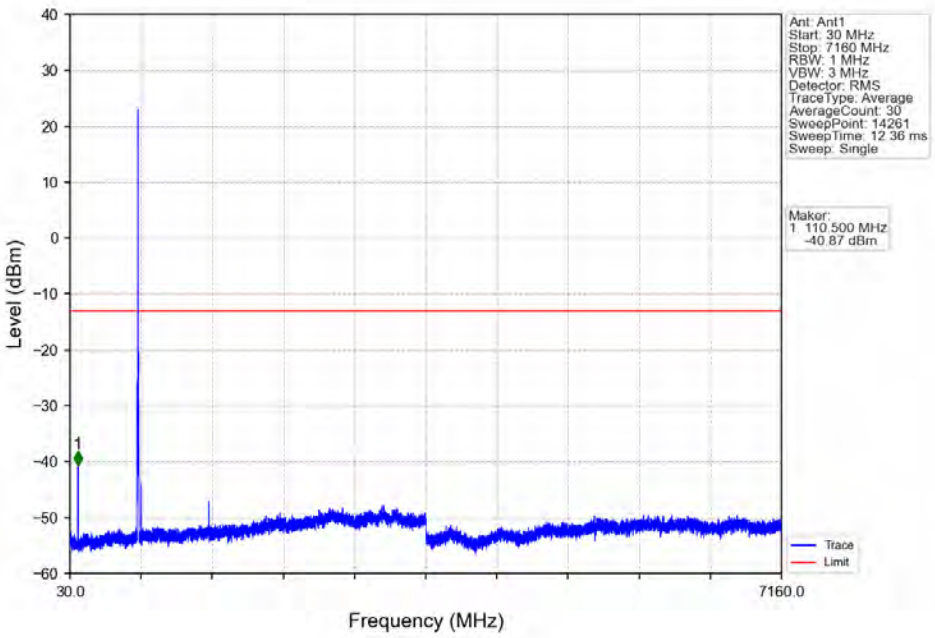


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-29.92	-13	Pass
698.9	699	0.03	/	2	699.000	-28.67	-13	Pass
699	704	0.03	/	/	/	/	/	/

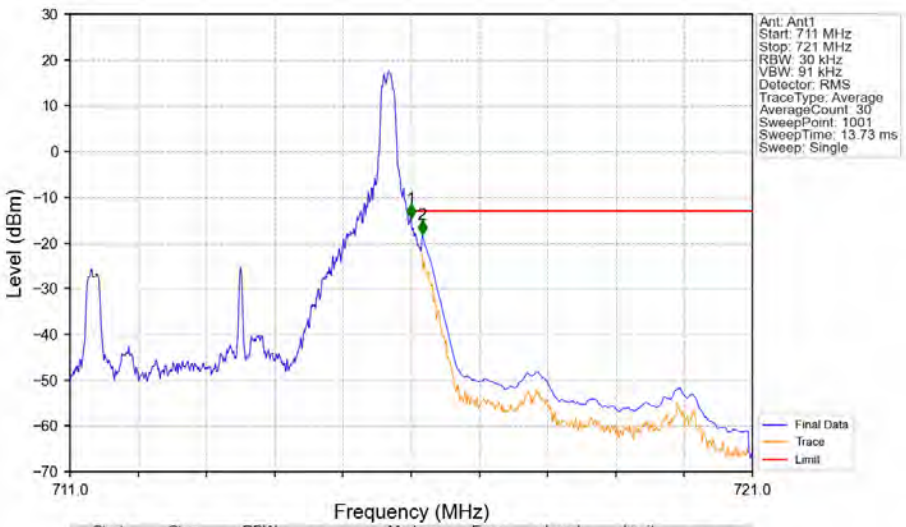
Band12_5MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV

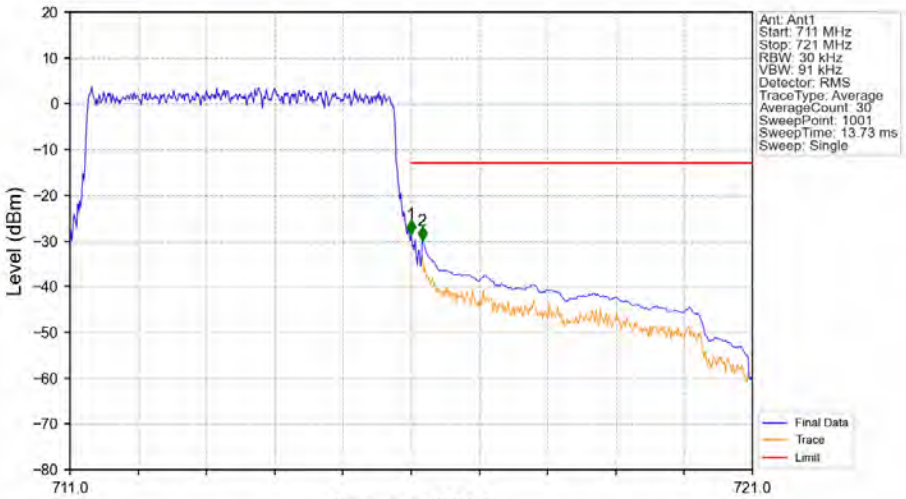


Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV



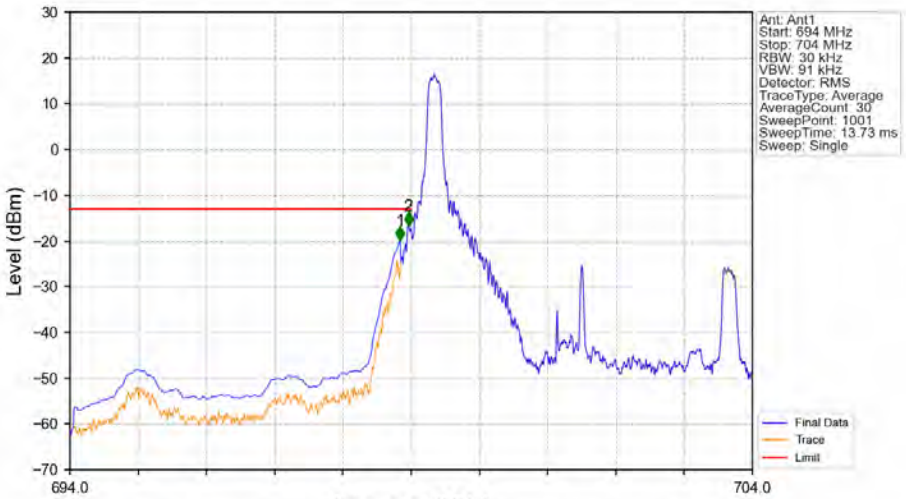
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-14.69	-13	Pass
716.1	721	0.1	CHP	2	716.160	-18.13	-13	Pass

Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



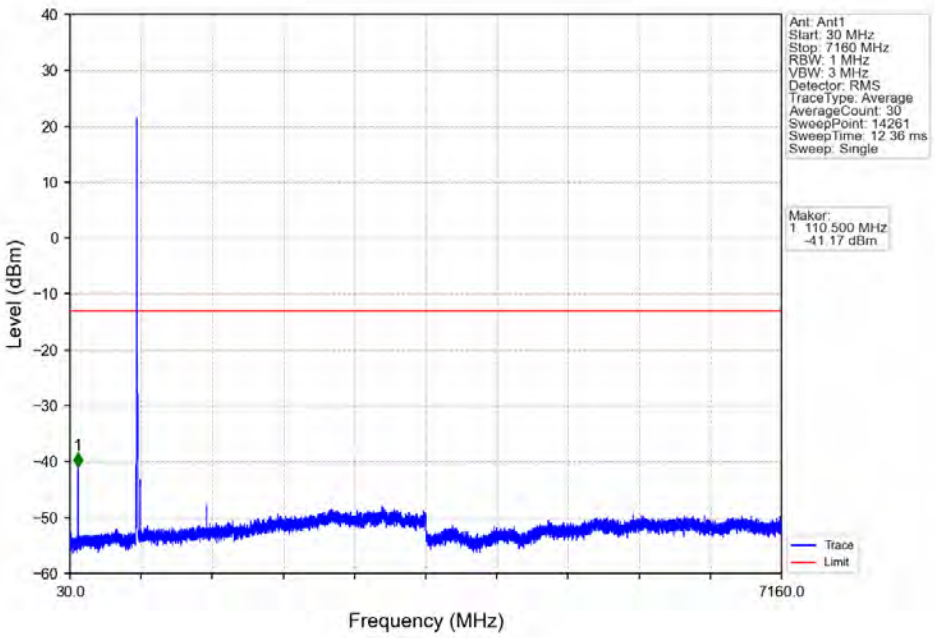
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-28.55	-13	Pass
716.1	721	0.1	CHP	2	716.160	-29.91	-13	Pass

Band12_5MHz_16QAM_LCH_701.5MHz_RB_1_0_NTNV

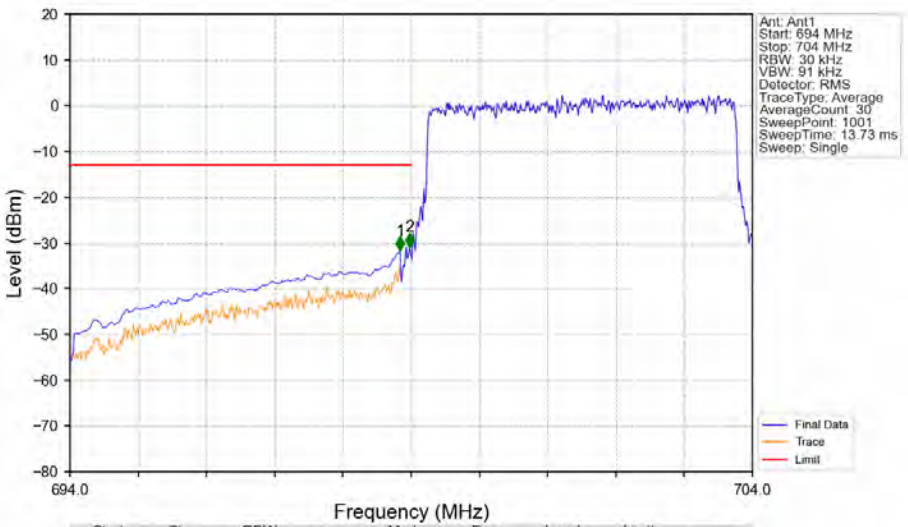


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-19.99	-13	Pass
698.9	699	0.03	/	2	698.960	-16.73	-13	Pass
699	704	0.03	/	/	/	/	/	/

Band12_5MHz_16QAM_LCH_701.5MHz_RB_1_0_NTNV

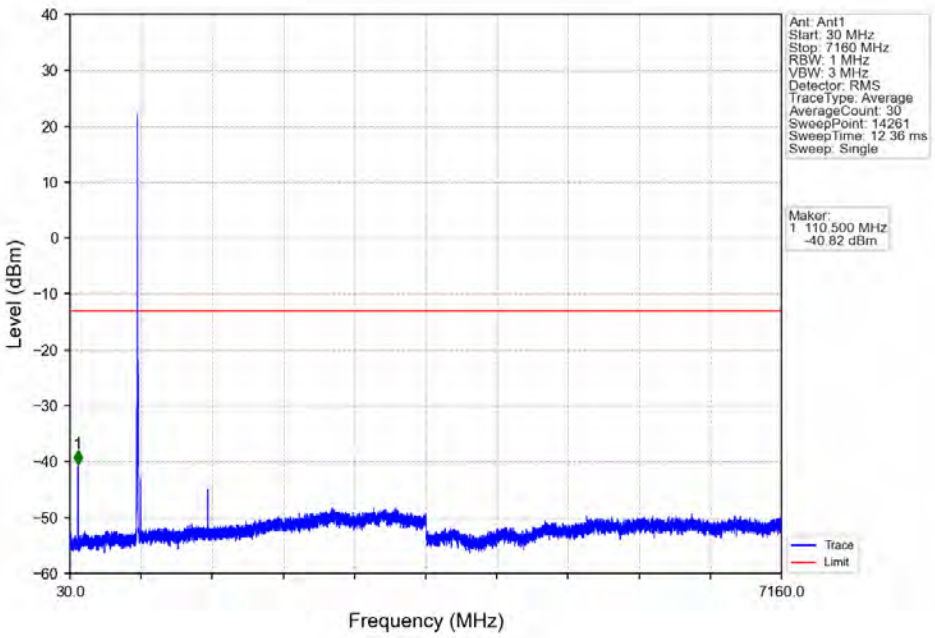


Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV

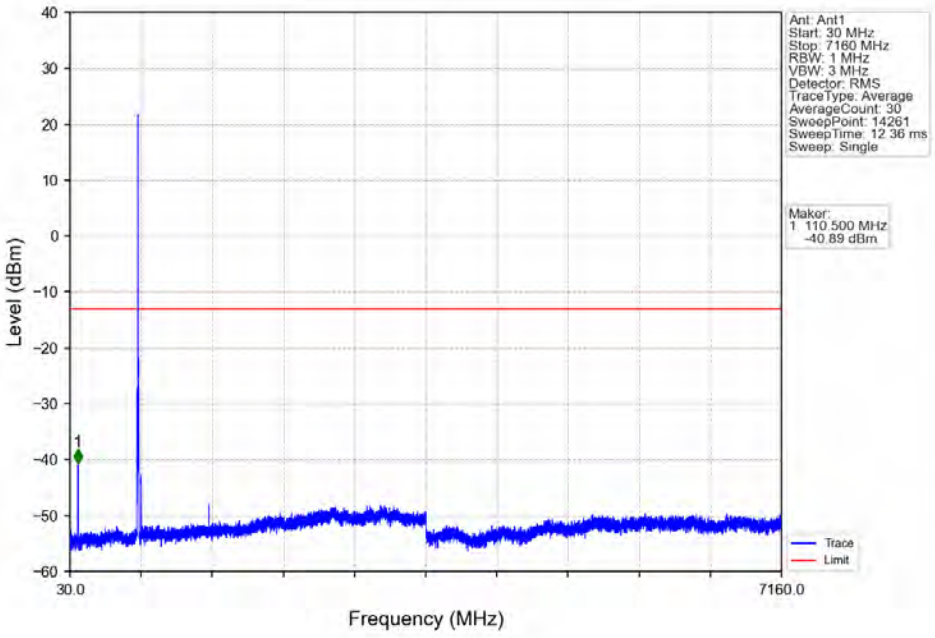


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-31.66	-13	Pass
698.9	699	0.03	/	2	698.980	-30.91	-13	Pass
699	704	0.03	/	/	/	/	/	/

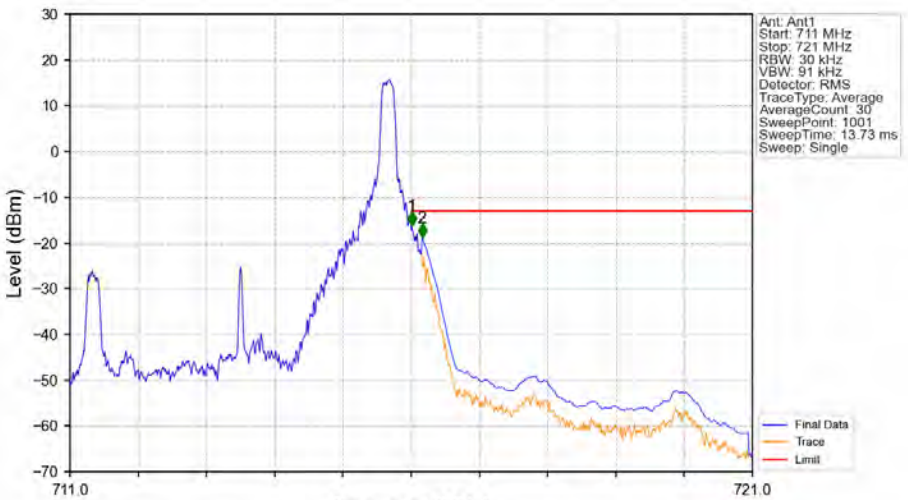
Band12_5MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



Band12_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV

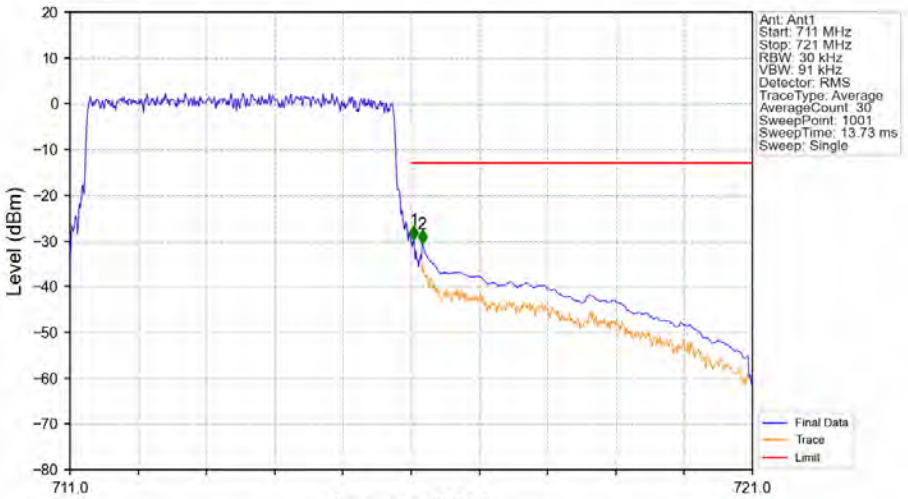


Band12_5MHz_16QAM_HCH_713.5MHz_RB_1_24_NTNV



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	716.010	-16.24	-13	Pass
716.1	721	0.1	CHP	2	716.160	-18.82	-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	716.040	-29.71	-13	Pass
716.1	721	0.1	CHP	2	716.160	-30.68	-13	Pass

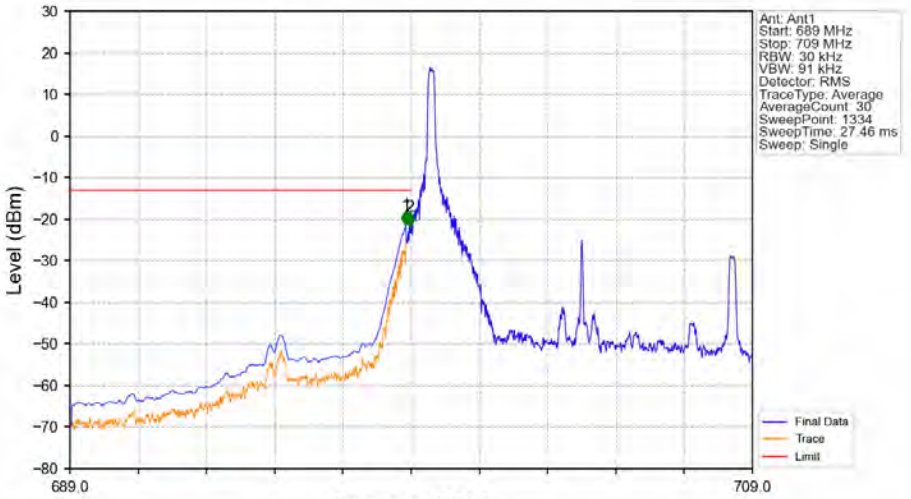
6.4 B12_10MHz

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

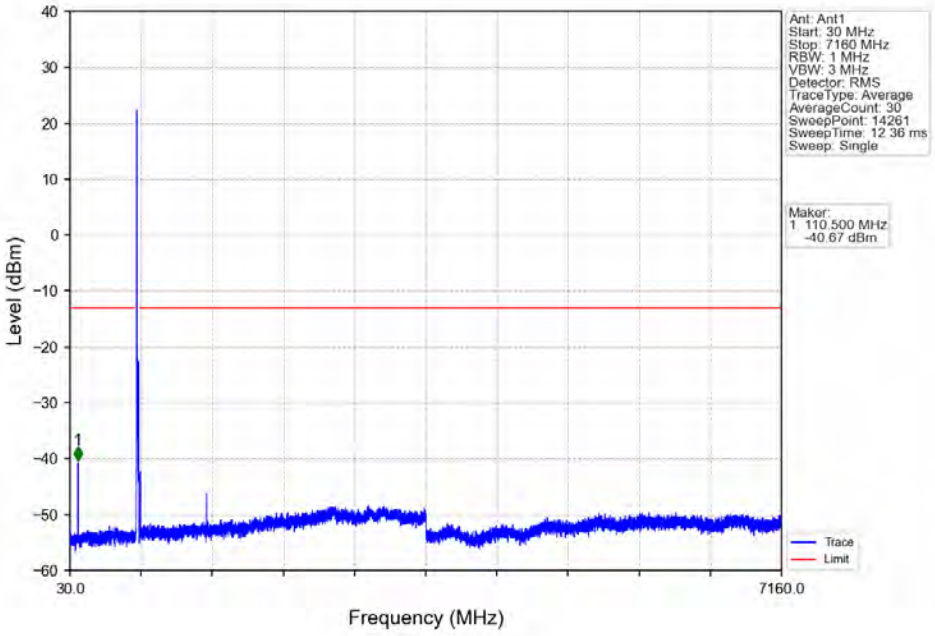
6.4.2 Test Graph

Band12_10MHz_QPSK_LCH_704MHz_RB_1_0_NTNV

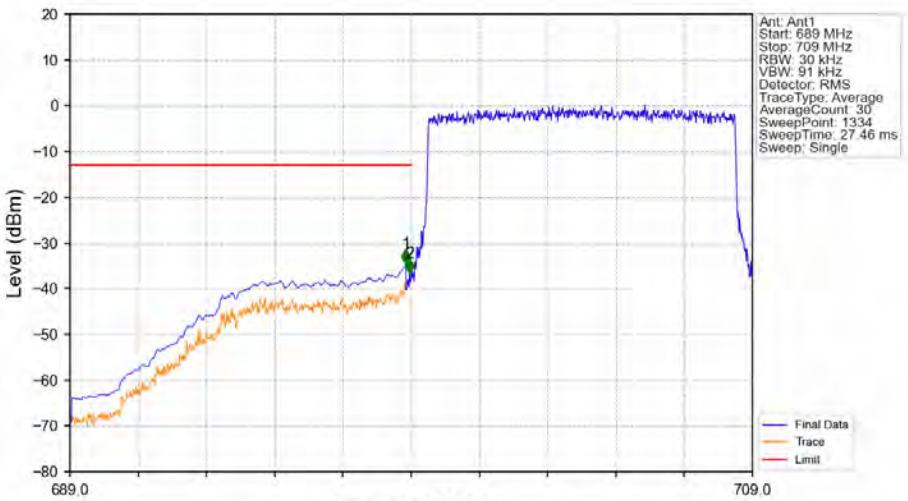


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-21.40	-13	Pass
698.9	699	0.03	/	2	698.947	-21.74	-13	Pass
699	709	0.03	/	/	/	/	/	/

Band12_10MHz_QPSK_LCH_704MHz_RB_1_0_NTNV

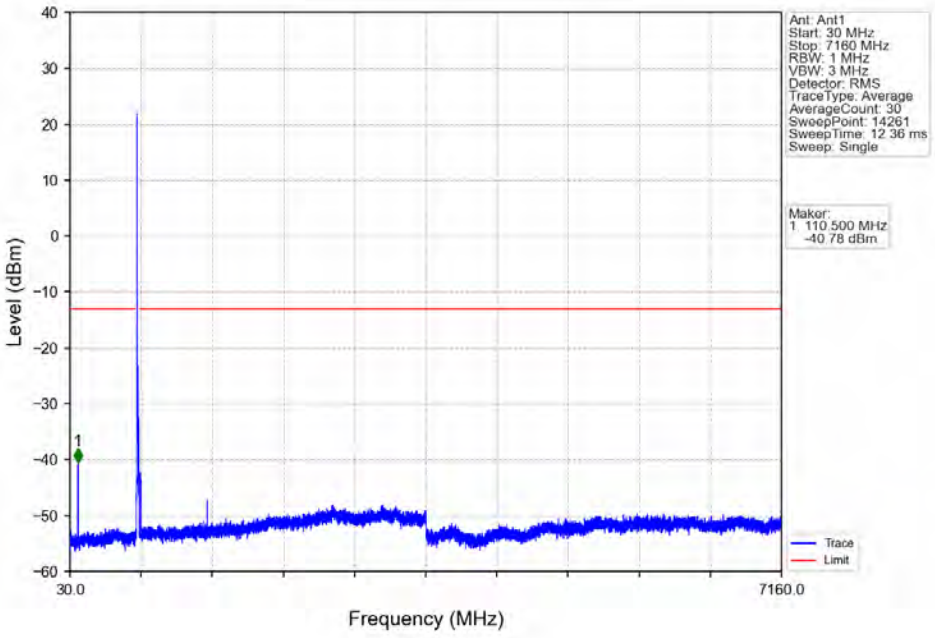


Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV

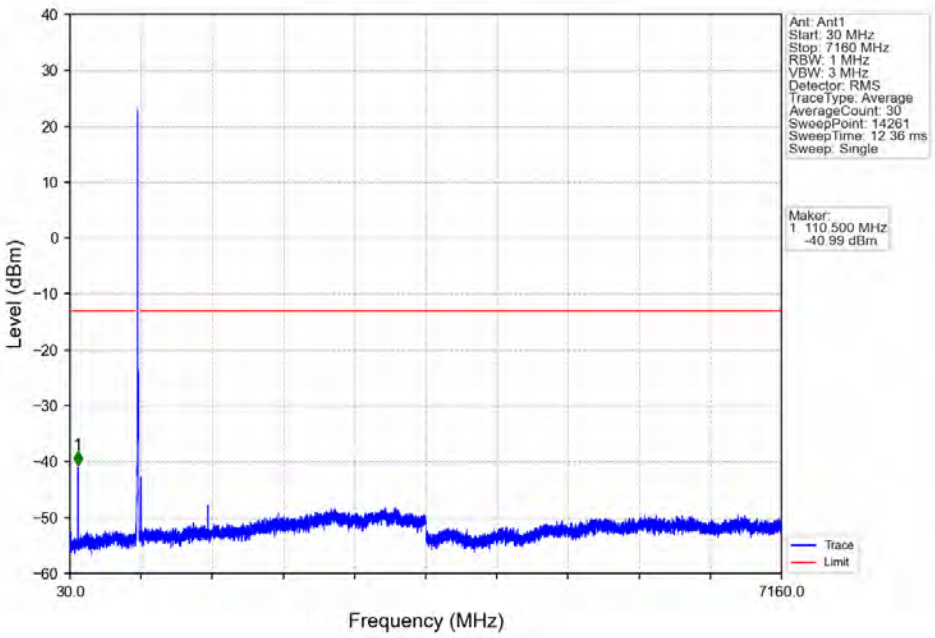


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-34.52	-13	Pass
698.9	699	0.03	/	2	698.947	-36.56	-13	Pass
699	709	0.03	/	/	/	/	/	/

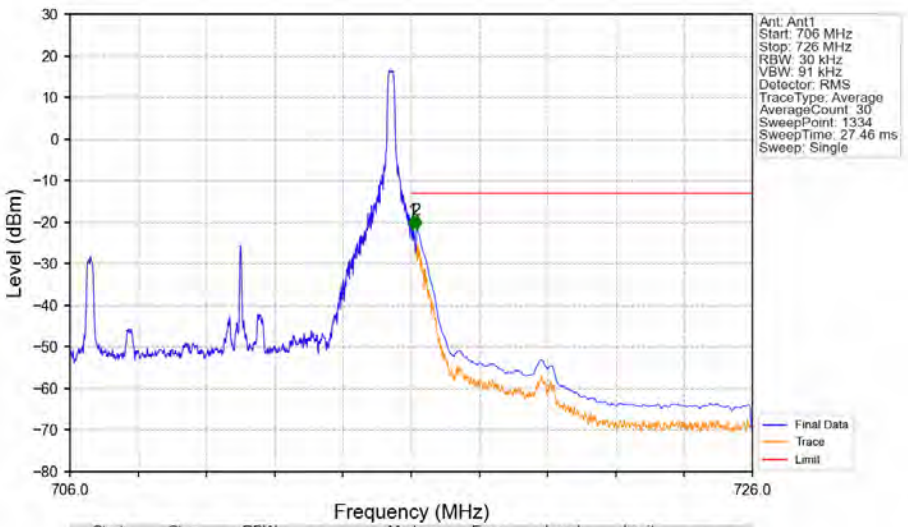
Band12_10MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



Band12_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV

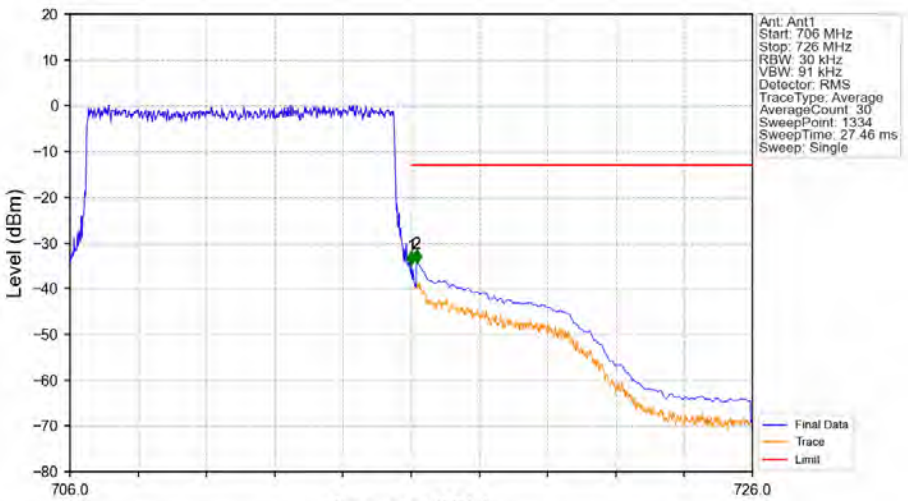


Band12_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV



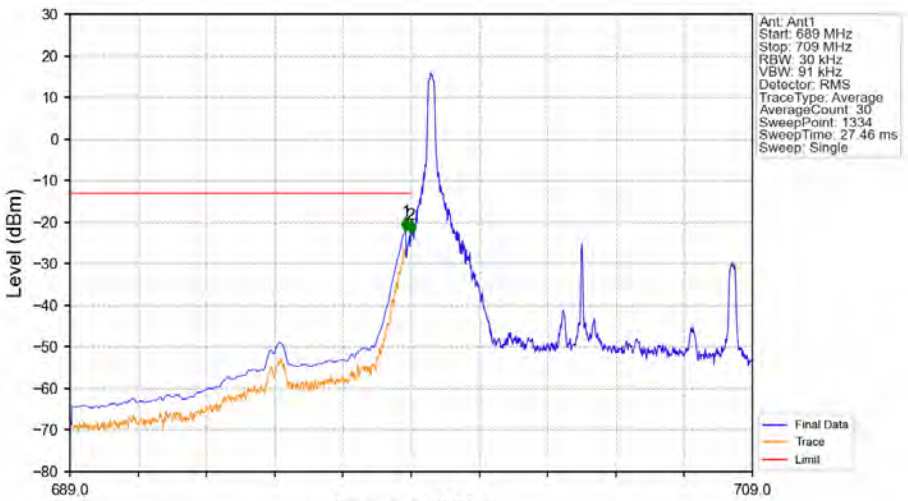
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.038	-21.82	-13	Pass
716.1	726	0.1	CHP	2	716.158	-21.84	-13	Pass

Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



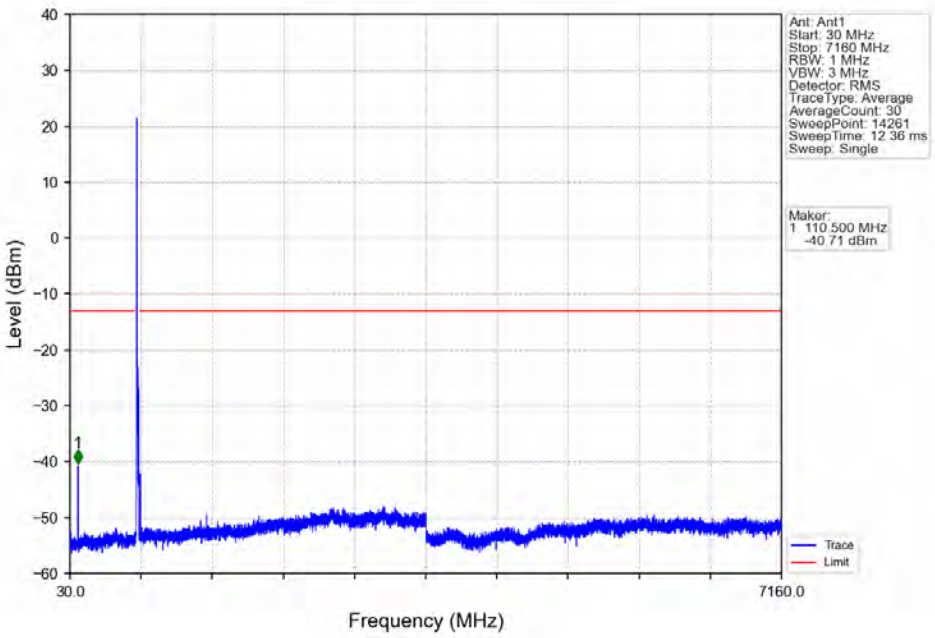
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-34.84	-13	Pass
716.1	726	0.1	CHP	2	716.158	-34.52	-13	Pass

Band12_10MHz_16QAM_LCH_704MHz_RB_1_0_NTNV

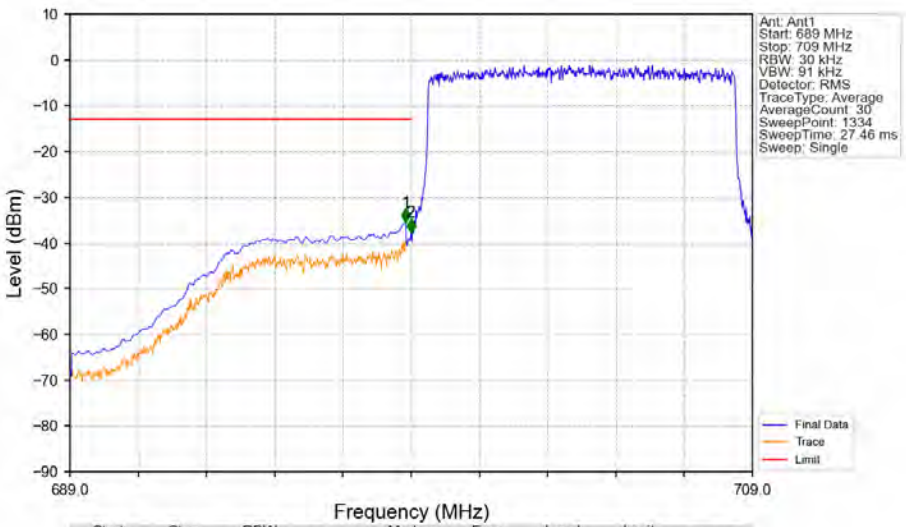


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-22.14	-13	Pass
698.9	699	0.03	/	2	698.992	-22.90	-13	Pass
699	709	0.03	/	/	/	/	/	/

Band12_10MHz_16QAM_LCH_704MHz_RB_1_0_NTNV

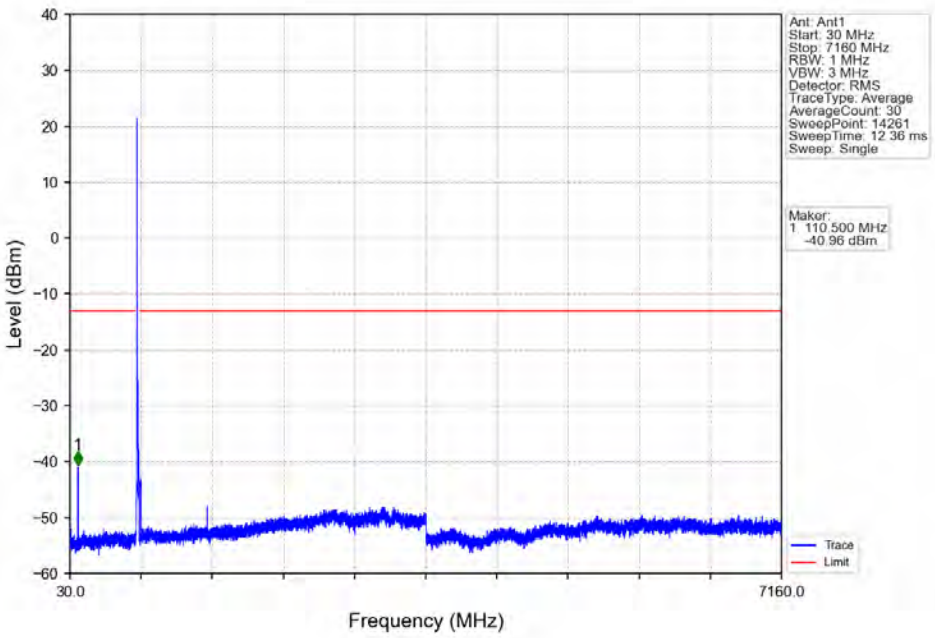


Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV

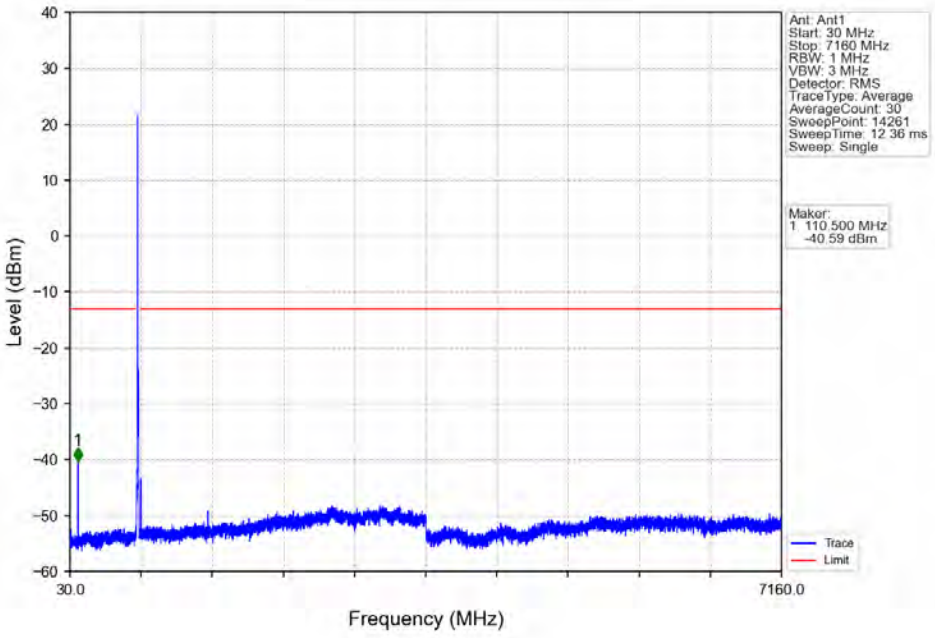


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-35.53	-13	Pass
698.9	699	0.03	/	2	698.992	-37.70	-13	Pass
699	709	0.03	/	/	/	/	/	/

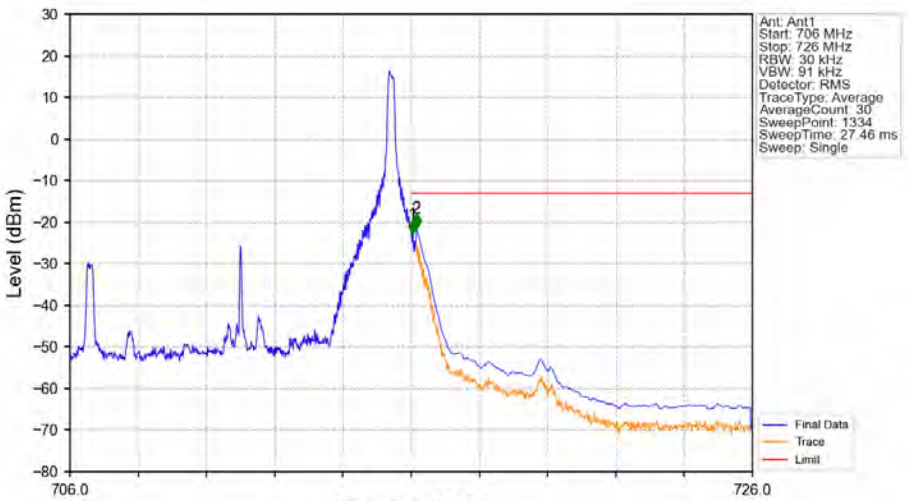
Band12_10MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV

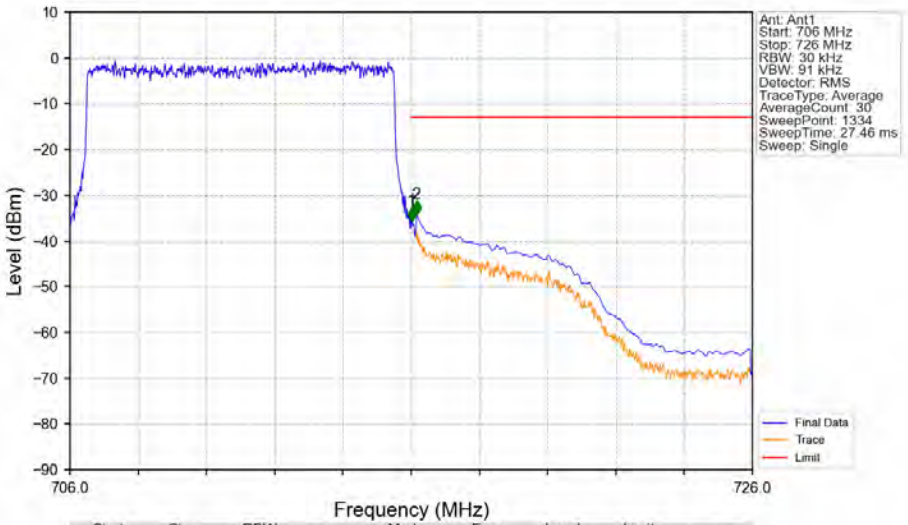


Band12_10MHz_16QAM_HCH_711MHz_RB_1_49_NTNV



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	716.038	-22.73	-13	Pass
716.1	726	0.1	CHP	2	716.158	-21.50	-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	716.023	-35.62	-13	Pass
716.1	726	0.1	CHP	2	716.158	-34.18	-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	0.1738	0.0221	ppm	1M11G7D	27H	22.40
12	1.4	699.7	715.3	0.1432	0.0165	ppm	1M12W7D	27H	21.56
12	3	700.5	714.5	0.1832	0.0183	ppm	2M73G7D	27H	22.63
12	3	700.5	714.5	0.1656	0.0201	ppm	2M72W7D	27H	22.19
12	5	701.5	713.5	0.1774	0.0163	ppm	4M57G7D	27H	22.49
12	5	701.5	713.5	0.1462	0.0181	ppm	4M59W7D	27H	21.65
12	10	704	711	0.1778	0.0126	ppm	9M10G7D	27H	22.50
12	10	704	711	0.1652	0.0152	ppm	9M09W7D	27H	22.18

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	0.0373	0.0221	ppm	1M11G7D	27H	15.72
12	1.4	699.7	715.3	0.0308	0.0165	ppm	1M12W7D	27H	14.88
12	3	700.5	714.5	0.0394	0.0183	ppm	2M73G7D	27H	15.95
12	3	700.5	714.5	0.0356	0.0201	ppm	2M72W7D	27H	15.51
12	5	701.5	713.5	0.0381	0.0163	ppm	4M57G7D	27H	15.81
12	5	701.5	713.5	0.0314	0.0181	ppm	4M59W7D	27H	14.97
12	10	704	711	0.0382	0.0126	ppm	9M10G7D	27H	15.82
12	10	704	711	0.0355	0.0152	ppm	9M09W7D	27H	15.50