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	22.15	-4.53	15.47	<=34.77	Pass
			2	22.13	-4.53	15.45	<=34.77	Pass
			5	22.06	-4.53	15.38	<=34.77	Pass
		3	0	22.19	-4.53	15.51	<=34.77	Pass
			2	22.19	-4.53	15.51	<=34.77	Pass
			3	22.17	-4.53	15.49	<=34.77	Pass
		6	0	21.13	-4.53	14.45	<=34.77	Pass
	707.5	1	0	22.10	-4.53	15.42	<=34.77	Pass
			2	22.18	-4.53	15.50	<=34.77	Pass
			5	22.07	-4.53	15.39	<=34.77	Pass
		3	0	22.16	-4.53	15.48	<=34.77	Pass
			2	22.20	-4.53	15.52	<=34.77	Pass
			3	22.21	-4.53	15.53	<=34.77	Pass
		6	0	21.15	-4.53	14.47	<=34.77	Pass
	715.3	1	0	22.11	-4.53	15.43	<=34.77	Pass
			2	22.23	-4.53	15.55	<=34.77	Pass
			5	22.18	-4.53	15.50	<=34.77	Pass
		3	0	22.25	-4.53	15.57	<=34.77	Pass
			2	22.31	-4.53	15.63	<=34.77	Pass
			3	22.26	-4.53	15.58	<=34.77	Pass
		6	0	21.22	-4.53	14.54	<=34.77	Pass
16QAM	699.7	1	0	21.17	-4.53	14.49	<=34.77	Pass
			2	21.21	-4.53	14.53	<=34.77	Pass
			5	21.07	-4.53	14.39	<=34.77	Pass
		3	0	21.40	-4.53	14.72	<=34.77	Pass
			2	21.43	-4.53	14.75	<=34.77	Pass
			3	21.39	-4.53	14.71	<=34.77	Pass
		6	0	20.19	-4.53	13.51	<=34.77	Pass
	707.5	1	0	21.08	-4.53	14.40	<=34.77	Pass
			2	21.19	-4.53	14.51	<=34.77	Pass
			5	21.18	-4.53	14.50	<=34.77	Pass
		3	0	21.25	-4.53	14.57	<=34.77	Pass
			2	21.24	-4.53	14.56	<=34.77	Pass
			3	21.26	-4.53	14.58	<=34.77	Pass
		6	0	20.14	-4.53	13.46	<=34.77	Pass
	715.3	1	0	21.29	-4.53	14.61	<=34.77	Pass
			2	21.42	-4.53	14.74	<=34.77	Pass
			5	21.32	-4.53	14.64	<=34.77	Pass
		3	0	21.23	-4.53	14.55	<=34.77	Pass
			2	21.28	-4.53	14.60	<=34.77	Pass
			3	21.28	-4.53	14.60	<=34.77	Pass
		6	0	20.27	-4.53	13.59	<=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	22.23	-4.53	15.55	<=34.77	Pass
			7	22.33	-4.53	15.65	<=34.77	Pass
			14	22.21	-4.53	15.53	<=34.77	Pass
		8	0	21.17	-4.53	14.49	<=34.77	Pass
			4	21.23	-4.53	14.55	<=34.77	Pass
			7	21.19	-4.53	14.51	<=34.77	Pass
		15	0	21.20	-4.53	14.52	<=34.77	Pass
	707.5	1	0	22.13	-4.53	15.45	<=34.77	Pass
			7	22.30	-4.53	15.62	<=34.77	Pass
			14	22.18	-4.53	15.50	<=34.77	Pass
		8	0	21.18	-4.53	14.50	<=34.77	Pass
			4	21.23	-4.53	14.55	<=34.77	Pass
			7	21.15	-4.53	14.47	<=34.77	Pass
		15	0	21.23	-4.53	14.55	<=34.77	Pass
	714.5	1	0	22.17	-4.53	15.49	<=34.77	Pass
			7	22.35	-4.53	15.67	<=34.77	Pass
			14	22.25	-4.53	15.57	<=34.77	Pass
		8	0	21.23	-4.53	14.55	<=34.77	Pass
			4	21.30	-4.53	14.62	<=34.77	Pass
			7	21.23	-4.53	14.55	<=34.77	Pass
		15	0	21.23	-4.53	14.55	<=34.77	Pass
16QAM	700.5	1	0	21.26	-4.53	14.58	<=34.77	Pass
			7	21.35	-4.53	14.67	<=34.77	Pass
			14	21.15	-4.53	14.47	<=34.77	Pass
		8	0	20.25	-4.53	13.57	<=34.77	Pass
			4	20.31	-4.53	13.63	<=34.77	Pass
			7	20.28	-4.53	13.60	<=34.77	Pass
		15	0	20.25	-4.53	13.57	<=34.77	Pass
	707.5	1	0	21.32	-4.53	14.64	<=34.77	Pass
			7	21.48	-4.53	14.80	<=34.77	Pass
			14	21.35	-4.53	14.67	<=34.77	Pass
		8	0	20.20	-4.53	13.52	<=34.77	Pass
			4	20.27	-4.53	13.59	<=34.77	Pass
			7	20.21	-4.53	13.53	<=34.77	Pass
		15	0	20.23	-4.53	13.55	<=34.77	Pass
	714.5	1	0	21.77	-4.53	15.09	<=34.77	Pass
			7	21.93	-4.53	15.25	<=34.77	Pass
			14	21.81	-4.53	15.13	<=34.77	Pass
		8	0	20.42	-4.53	13.74	<=34.77	Pass
			4	20.51	-4.53	13.83	<=34.77	Pass
			7	20.47	-4.53	13.79	<=34.77	Pass
		15	0	20.34	-4.53	13.66	<=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	22.15	-4.53	15.47	<=34.77	Pass
			13	22.23	-4.53	15.55	<=34.77	Pass
			24	22.16	-4.53	15.48	<=34.77	Pass

		12	0	21.06	-4.53	14.38	<=34.77	Pass
			6	21.21	-4.53	14.53	<=34.77	Pass
			13	21.27	-4.53	14.59	<=34.77	Pass
		25	0	21.22	-4.53	14.54	<=34.77	Pass
	707.5	1	0	22.08	-4.53	15.40	<=34.77	Pass
			13	22.19	-4.53	15.51	<=34.77	Pass
			24	22.15	-4.53	15.47	<=34.77	Pass
		12	0	21.18	-4.53	14.50	<=34.77	Pass
			6	21.24	-4.53	14.56	<=34.77	Pass
			13	21.20	-4.53	14.52	<=34.77	Pass
		25	0	21.21	-4.53	14.53	<=34.77	Pass
	713.5	1	0	22.17	-4.53	15.49	<=34.77	Pass
			13	22.28	-4.53	15.60	<=34.77	Pass
			24	22.24	-4.53	15.56	<=34.77	Pass
		12	0	21.11	-4.53	14.43	<=34.77	Pass
			6	21.26	-4.53	14.58	<=34.77	Pass
			13	21.23	-4.53	14.55	<=34.77	Pass
		25	0	21.20	-4.53	14.52	<=34.77	Pass
16QAM	701.5	1	0	21.23	-4.53	14.55	<=34.77	Pass
			13	21.31	-4.53	14.63	<=34.77	Pass
			24	21.21	-4.53	14.53	<=34.77	Pass
		12	0	19.99	-4.53	13.31	<=34.77	Pass
			6	20.23	-4.53	13.55	<=34.77	Pass
			13	20.28	-4.53	13.60	<=34.77	Pass
		25	0	20.21	-4.53	13.53	<=34.77	Pass
	707.5	1	0	21.33	-4.53	14.65	<=34.77	Pass
			13	21.49	-4.53	14.81	<=34.77	Pass
			24	21.48	-4.53	14.80	<=34.77	Pass
		12	0	20.25	-4.53	13.57	<=34.77	Pass
			6	20.30	-4.53	13.62	<=34.77	Pass
			13	20.27	-4.53	13.59	<=34.77	Pass
		25	0	20.25	-4.53	13.57	<=34.77	Pass
	713.5	1	0	20.99	-4.53	14.31	<=34.77	Pass
			13	21.12	-4.53	14.44	<=34.77	Pass
			24	21.07	-4.53	14.39	<=34.77	Pass
		12	0	20.18	-4.53	13.50	<=34.77	Pass
			6	20.27	-4.53	13.59	<=34.77	Pass
			13	20.26	-4.53	13.58	<=34.77	Pass
		25	0	20.30	-4.53	13.62	<=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	22.13	-4.53	15.45	<=34.77	Pass
			25	22.34	-4.53	15.66	<=34.77	Pass
			49	22.27	-4.53	15.59	<=34.77	Pass
		25	0	21.03	-4.53	14.35	<=34.77	Pass
			13	21.22	-4.53	14.54	<=34.77	Pass
			25	21.18	-4.53	14.50	<=34.77	Pass
		50	0	21.12	-4.53	14.44	<=34.77	Pass
	707.5	1	0	22.12	-4.53	15.44	<=34.77	Pass
			25	22.31	-4.53	15.63	<=34.77	Pass

			49	22.29	-4.53	15.61	<=34.77	Pass
		25	0	21.30	-4.53	14.62	<=34.77	Pass
			13	21.25	-4.53	14.57	<=34.77	Pass
			25	21.31	-4.53	14.63	<=34.77	Pass
		50	0	21.28	-4.53	14.60	<=34.77	Pass
	711	1	0	22.13	-4.53	15.45	<=34.77	Pass
			25	22.40	-4.53	15.72	<=34.77	Pass
			49	22.27	-4.53	15.59	<=34.77	Pass
		25	0	21.35	-4.53	14.67	<=34.77	Pass
			13	21.32	-4.53	14.64	<=34.77	Pass
			25	21.37	-4.53	14.69	<=34.77	Pass
		50	0	21.41	-4.53	14.73	<=34.77	Pass
16QAM	704	1	0	21.24	-4.53	14.56	<=34.77	Pass
			25	21.35	-4.53	14.67	<=34.77	Pass
			49	21.26	-4.53	14.58	<=34.77	Pass
		25	0	20.14	-4.53	13.46	<=34.77	Pass
			13	20.33	-4.53	13.65	<=34.77	Pass
			25	20.25	-4.53	13.57	<=34.77	Pass
		50	0	20.17	-4.53	13.49	<=34.77	Pass
	707.5	1	0	21.29	-4.53	14.61	<=34.77	Pass
			25	21.49	-4.53	14.81	<=34.77	Pass
			49	21.41	-4.53	14.73	<=34.77	Pass
		25	0	20.31	-4.53	13.63	<=34.77	Pass
			13	20.32	-4.53	13.64	<=34.77	Pass
			25	20.33	-4.53	13.65	<=34.77	Pass
		50	0	20.29	-4.53	13.61	<=34.77	Pass
	711	1	0	21.72	-4.53	15.04	<=34.77	Pass
			25	22.00	-4.53	15.32	<=34.77	Pass
			49	21.82	-4.53	15.14	<=34.77	Pass
		25	0	20.48	-4.53	13.80	<=34.77	Pass
			13	20.40	-4.53	13.72	<=34.77	Pass
			25	20.49	-4.53	13.81	<=34.77	Pass
		50	0	20.48	-4.53	13.80	<=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	-7.668	-0.0110	-2.5 to 2.5	Pass
					3.85	-11.201	-0.0160	-2.5 to 2.5	Pass
					4.43	-3.204	-0.0046	-2.5 to 2.5	Pass
				-30	3.85	-6.022	-0.0086	-2.5 to 2.5	Pass
				-20	3.85	-7.582	-0.0108	-2.5 to 2.5	Pass
				-10	3.85	-8.225	-0.0118	-2.5 to 2.5	Pass
				0	3.85	-6.523	-0.0093	-2.5 to 2.5	Pass
				10	3.85	-4.678	-0.0067	-2.5 to 2.5	Pass
				30	3.85	-5.350	-0.0076	-2.5 to 2.5	Pass
				40	3.85	-8.698	-0.0124	-2.5 to 2.5	Pass
				50	3.85	-6.251	-0.0089	-2.5 to 2.5	Pass
	707.5	6	0	20	3.27	-10.271	-0.0145	-2.5 to 2.5	Pass

					3.85	-2.289	-0.0032	-2.5 to 2.5	Pass
					4.43	-9.084	-0.0128	-2.5 to 2.5	Pass
				-30	3.85	-5.250	-0.0074	-2.5 to 2.5	Pass
				-20	3.85	-8.926	-0.0126	-2.5 to 2.5	Pass
				-10	3.85	-4.978	-0.0070	-2.5 to 2.5	Pass
				0	3.85	-7.367	-0.0104	-2.5 to 2.5	Pass
				10	3.85	-1.802	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-3.176	-0.0045	-2.5 to 2.5	Pass
				40	3.85	-12.259	-0.0173	-2.5 to 2.5	Pass
				50	3.85	-4.263	-0.0060	-2.5 to 2.5	Pass
	715.3	6	0	20	3.27	-7.582	-0.0106	-2.5 to 2.5	Pass
					3.85	-3.862	-0.0054	-2.5 to 2.5	Pass
					4.43	-3.018	-0.0042	-2.5 to 2.5	Pass
				-30	3.85	-3.963	-0.0055	-2.5 to 2.5	Pass
				-20	3.85	-4.563	-0.0064	-2.5 to 2.5	Pass
				-10	3.85	-6.552	-0.0092	-2.5 to 2.5	Pass
				0	3.85	-1.960	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-6.638	-0.0093	-2.5 to 2.5	Pass
				30	3.85	1.616	0.0023	-2.5 to 2.5	Pass
				40	3.85	-3.576	-0.0050	-2.5 to 2.5	Pass
				50	3.85	-2.890	-0.0040	-2.5 to 2.5	Pass
16QAM	699.7	6	0	20	3.27	-10.600	-0.0151	-2.5 to 2.5	Pass
					3.85	-4.063	-0.0058	-2.5 to 2.5	Pass
					4.43	-9.398	-0.0134	-2.5 to 2.5	Pass
				-30	3.85	-6.781	-0.0097	-2.5 to 2.5	Pass
				-20	3.85	-6.652	-0.0095	-2.5 to 2.5	Pass
				-10	3.85	-11.444	-0.0164	-2.5 to 2.5	Pass
				0	3.85	-11.415	-0.0163	-2.5 to 2.5	Pass
				10	3.85	-8.311	-0.0119	-2.5 to 2.5	Pass
				30	3.85	-1.345	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-8.554	-0.0122	-2.5 to 2.5	Pass
				50	3.85	-2.403	-0.0034	-2.5 to 2.5	Pass
	707.5	6	0	20	3.27	-5.307	-0.0075	-2.5 to 2.5	Pass
					3.85	-5.064	-0.0072	-2.5 to 2.5	Pass
					4.43	-11.287	-0.0160	-2.5 to 2.5	Pass
				-30	3.85	-8.712	-0.0123	-2.5 to 2.5	Pass
				-20	3.85	-4.892	-0.0069	-2.5 to 2.5	Pass
				-10	3.85	-7.195	-0.0102	-2.5 to 2.5	Pass
				0	3.85	-3.676	-0.0052	-2.5 to 2.5	Pass
				10	3.85	-7.753	-0.0110	-2.5 to 2.5	Pass
				30	3.85	-5.994	-0.0085	-2.5 to 2.5	Pass
				40	3.85	-4.878	-0.0069	-2.5 to 2.5	Pass
				50	3.85	-2.460	-0.0035	-2.5 to 2.5	Pass
	715.3	6	0	20	3.27	-5.765	-0.0081	-2.5 to 2.5	Pass
					3.85	-10.386	-0.0145	-2.5 to 2.5	Pass
					4.43	0.200	0.0003	-2.5 to 2.5	Pass
				-30	3.85	-6.280	-0.0088	-2.5 to 2.5	Pass
				-20	3.85	-3.691	-0.0052	-2.5 to 2.5	Pass
				-10	3.85	-3.548	-0.0050	-2.5 to 2.5	Pass
				0	3.85	-6.566	-0.0092	-2.5 to 2.5	Pass
				10	3.85	-2.003	-0.0028	-2.5 to 2.5	Pass
				30	3.85	-8.225	-0.0115	-2.5 to 2.5	Pass
				40	3.85	-2.975	-0.0042	-2.5 to 2.5	Pass
				50	3.85	-10.486	-0.0147	-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	-4.821	-0.0069	-2.5 to 2.5	Pass
					3.85	-8.240	-0.0118	-2.5 to 2.5	Pass
					4.43	-7.310	-0.0104	-2.5 to 2.5	Pass
				-30	3.85	-3.920	-0.0056	-2.5 to 2.5	Pass
				-20	3.85	-10.958	-0.0156	-2.5 to 2.5	Pass
				-10	3.85	-5.493	-0.0078	-2.5 to 2.5	Pass
				0	3.85	-5.522	-0.0079	-2.5 to 2.5	Pass
				10	3.85	-4.520	-0.0065	-2.5 to 2.5	Pass
				30	3.85	-8.512	-0.0122	-2.5 to 2.5	Pass
				40	3.85	-7.582	-0.0108	-2.5 to 2.5	Pass
				50	3.85	-5.937	-0.0085	-2.5 to 2.5	Pass
	707.5	15	0	20	3.27	-8.326	-0.0118	-2.5 to 2.5	Pass
					3.85	-9.470	-0.0134	-2.5 to 2.5	Pass
					4.43	-4.950	-0.0070	-2.5 to 2.5	Pass
				-30	3.85	-3.777	-0.0053	-2.5 to 2.5	Pass
				-20	3.85	-5.150	-0.0073	-2.5 to 2.5	Pass
				-10	3.85	-6.981	-0.0099	-2.5 to 2.5	Pass
				0	3.85	-2.475	-0.0035	-2.5 to 2.5	Pass
				10	3.85	-6.251	-0.0088	-2.5 to 2.5	Pass
				30	3.85	-10.815	-0.0153	-2.5 to 2.5	Pass
				40	3.85	-5.407	-0.0076	-2.5 to 2.5	Pass
				50	3.85	-5.808	-0.0082	-2.5 to 2.5	Pass
	714.5	15	0	20	3.27	-1.101	-0.0015	-2.5 to 2.5	Pass
					3.85	-5.679	-0.0079	-2.5 to 2.5	Pass
					4.43	-8.984	-0.0126	-2.5 to 2.5	Pass
				-30	3.85	-4.778	-0.0067	-2.5 to 2.5	Pass
				-20	3.85	-8.755	-0.0123	-2.5 to 2.5	Pass
				-10	3.85	-9.799	-0.0137	-2.5 to 2.5	Pass
				0	3.85	-3.991	-0.0056	-2.5 to 2.5	Pass
				10	3.85	-12.889	-0.0180	-2.5 to 2.5	Pass
				30	3.85	-8.197	-0.0115	-2.5 to 2.5	Pass
				40	3.85	-8.368	-0.0117	-2.5 to 2.5	Pass
				50	3.85	-4.878	-0.0068	-2.5 to 2.5	Pass
16QAM	700.5	15	0	20	3.27	-10.085	-0.0144	-2.5 to 2.5	Pass
					3.85	-5.136	-0.0073	-2.5 to 2.5	Pass
					4.43	-5.293	-0.0076	-2.5 to 2.5	Pass
				-30	3.85	0.358	0.0005	-2.5 to 2.5	Pass
				-20	3.85	-2.275	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-1.702	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-1.101	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-1.030	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-4.134	-0.0059	-2.5 to 2.5	Pass
				40	3.85	-2.475	-0.0035	-2.5 to 2.5	Pass
				50	3.85	-4.964	-0.0071	-2.5 to 2.5	Pass
	707.5	15	0	20	3.27	-5.622	-0.0079	-2.5 to 2.5	Pass
					3.85	-7.224	-0.0102	-2.5 to 2.5	Pass
					4.43	-9.227	-0.0130	-2.5 to 2.5	Pass
				-30	3.85	-2.332	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-6.022	-0.0085	-2.5 to 2.5	Pass
				-10	3.85	-6.466	-0.0091	-2.5 to 2.5	Pass
				0	3.85	-6.566	-0.0093	-2.5 to 2.5	Pass
				10	3.85	-6.537	-0.0092	-2.5 to 2.5	Pass
				30	3.85	-2.732	-0.0039	-2.5 to 2.5	Pass
				40	3.85	-7.796	-0.0110	-2.5 to 2.5	Pass

				50	3.85	-6.194	-0.0088	-2.5 to 2.5	Pass
	714.5	15	0	20	3.27	-5.507	-0.0077	-2.5 to 2.5	Pass
					3.85	-5.836	-0.0082	-2.5 to 2.5	Pass
					4.43	-5.021	-0.0070	-2.5 to 2.5	Pass
				-30	3.85	-3.390	-0.0047	-2.5 to 2.5	Pass
				-20	3.85	-7.524	-0.0105	-2.5 to 2.5	Pass
				-10	3.85	-1.745	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-8.397	-0.0118	-2.5 to 2.5	Pass
				10	3.85	-1.974	-0.0028	-2.5 to 2.5	Pass
				30	3.85	-8.883	-0.0124	-2.5 to 2.5	Pass
				40	3.85	-6.180	-0.0086	-2.5 to 2.5	Pass
				50	3.85	-6.609	-0.0092	-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	-6.094	-0.0087	-2.5 to 2.5	Pass
					3.85	-8.025	-0.0114	-2.5 to 2.5	Pass
					4.43	-6.738	-0.0096	-2.5 to 2.5	Pass
				-30	3.85	-7.439	-0.0106	-2.5 to 2.5	Pass
				-20	3.85	-6.151	-0.0088	-2.5 to 2.5	Pass
				-10	3.85	-6.022	-0.0086	-2.5 to 2.5	Pass
				0	3.85	-5.522	-0.0079	-2.5 to 2.5	Pass
				10	3.85	-6.151	-0.0088	-2.5 to 2.5	Pass
				30	3.85	-2.103	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-6.680	-0.0095	-2.5 to 2.5	Pass
				50	3.85	-5.293	-0.0075	-2.5 to 2.5	Pass
	707.5	25	0	20	3.27	-5.593	-0.0079	-2.5 to 2.5	Pass
					3.85	-8.283	-0.0117	-2.5 to 2.5	Pass
					4.43	-5.522	-0.0078	-2.5 to 2.5	Pass
				-30	3.85	-3.934	-0.0056	-2.5 to 2.5	Pass
				-20	3.85	-4.435	-0.0063	-2.5 to 2.5	Pass
				-10	3.85	-8.354	-0.0118	-2.5 to 2.5	Pass
				0	3.85	-7.610	-0.0108	-2.5 to 2.5	Pass
				10	3.85	-9.656	-0.0136	-2.5 to 2.5	Pass
				30	3.85	-8.798	-0.0124	-2.5 to 2.5	Pass
				40	3.85	-11.773	-0.0166	-2.5 to 2.5	Pass
				50	3.85	-7.038	-0.0099	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-2.689	-0.0038	-2.5 to 2.5	Pass
					3.85	-7.553	-0.0106	-2.5 to 2.5	Pass
					4.43	-1.502	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-2.332	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-6.938	-0.0097	-2.5 to 2.5	Pass
				-10	3.85	-5.322	-0.0075	-2.5 to 2.5	Pass
				0	3.85	-5.279	-0.0074	-2.5 to 2.5	Pass
				10	3.85	-8.068	-0.0113	-2.5 to 2.5	Pass
				30	3.85	-3.290	-0.0046	-2.5 to 2.5	Pass
				40	3.85	-7.210	-0.0101	-2.5 to 2.5	Pass
				50	3.85	-2.875	-0.0040	-2.5 to 2.5	Pass
16QAM	701.5	25	0	20	3.27	-5.393	-0.0077	-2.5 to 2.5	Pass
					3.85	-7.138	-0.0102	-2.5 to 2.5	Pass
					4.43	-8.283	-0.0118	-2.5 to 2.5	Pass
				-30	3.85	-4.692	-0.0067	-2.5 to 2.5	Pass

				-20	3.85	-4.120	-0.0059	-2.5 to 2.5	Pass
				-10	3.85	-9.484	-0.0135	-2.5 to 2.5	Pass
				0	3.85	-5.536	-0.0079	-2.5 to 2.5	Pass
				10	3.85	-4.163	-0.0059	-2.5 to 2.5	Pass
				30	3.85	-7.725	-0.0110	-2.5 to 2.5	Pass
				40	3.85	-4.420	-0.0063	-2.5 to 2.5	Pass
				50	3.85	-7.524	-0.0107	-2.5 to 2.5	Pass
	707.5	25	0	20	3.27	-3.977	-0.0056	-2.5 to 2.5	Pass
					3.85	-4.449	-0.0063	-2.5 to 2.5	Pass
					4.43	-4.535	-0.0064	-2.5 to 2.5	Pass
				-30	3.85	-2.046	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-6.323	-0.0089	-2.5 to 2.5	Pass
				-10	3.85	-6.509	-0.0092	-2.5 to 2.5	Pass
				0	3.85	-2.947	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-8.640	-0.0122	-2.5 to 2.5	Pass
				30	3.85	-6.337	-0.0090	-2.5 to 2.5	Pass
				40	3.85	-3.562	-0.0050	-2.5 to 2.5	Pass
				50	3.85	-6.280	-0.0089	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-6.609	-0.0093	-2.5 to 2.5	Pass
					3.85	-4.063	-0.0057	-2.5 to 2.5	Pass
					4.43	-4.091	-0.0057	-2.5 to 2.5	Pass
				-30	3.85	-7.138	-0.0100	-2.5 to 2.5	Pass
				-20	3.85	-5.035	-0.0071	-2.5 to 2.5	Pass
				-10	3.85	-7.267	-0.0102	-2.5 to 2.5	Pass
				0	3.85	-7.181	-0.0101	-2.5 to 2.5	Pass
				10	3.85	-3.462	-0.0049	-2.5 to 2.5	Pass
				30	3.85	-5.493	-0.0077	-2.5 to 2.5	Pass
				40	3.85	-6.008	-0.0084	-2.5 to 2.5	Pass
				50	3.85	-8.883	-0.0124	-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	-8.640	-0.0123	-2.5 to 2.5	Pass
					3.85	-3.433	-0.0049	-2.5 to 2.5	Pass
					4.43	-5.264	-0.0075	-2.5 to 2.5	Pass
				-30	3.85	-4.177	-0.0059	-2.5 to 2.5	Pass
				-20	3.85	-4.606	-0.0065	-2.5 to 2.5	Pass
				-10	3.85	-6.180	-0.0088	-2.5 to 2.5	Pass
				0	3.85	-4.706	-0.0067	-2.5 to 2.5	Pass
				10	3.85	-6.037	-0.0086	-2.5 to 2.5	Pass
				30	3.85	-5.751	-0.0082	-2.5 to 2.5	Pass
				40	3.85	-2.646	-0.0038	-2.5 to 2.5	Pass
				50	3.85	-5.836	-0.0083	-2.5 to 2.5	Pass
	707.5	50	0	20	3.27	-6.866	-0.0097	-2.5 to 2.5	Pass
					3.85	-3.705	-0.0052	-2.5 to 2.5	Pass
					4.43	-4.148	-0.0059	-2.5 to 2.5	Pass
				-30	3.85	-6.595	-0.0093	-2.5 to 2.5	Pass
				-20	3.85	-6.380	-0.0090	-2.5 to 2.5	Pass
				-10	3.85	-6.709	-0.0095	-2.5 to 2.5	Pass
				0	3.85	-8.197	-0.0116	-2.5 to 2.5	Pass
				10	3.85	-7.524	-0.0106	-2.5 to 2.5	Pass
				30	3.85	-7.997	-0.0113	-2.5 to 2.5	Pass

				40	3.85	-7.653	-0.0108	-2.5 to 2.5	Pass
				50	3.85	-3.691	-0.0052	-2.5 to 2.5	Pass
					3.27	-5.078	-0.0071	-2.5 to 2.5	Pass
				20	3.85	-6.008	-0.0085	-2.5 to 2.5	Pass
					4.43	-4.463	-0.0063	-2.5 to 2.5	Pass
				-30	3.85	-4.621	-0.0065	-2.5 to 2.5	Pass
				-20	3.85	-6.695	-0.0094	-2.5 to 2.5	Pass
	711	50	0	-10	3.85	-5.178	-0.0073	-2.5 to 2.5	Pass
				0	3.85	-3.319	-0.0047	-2.5 to 2.5	Pass
				10	3.85	-3.018	-0.0042	-2.5 to 2.5	Pass
				30	3.85	-6.895	-0.0097	-2.5 to 2.5	Pass
				40	3.85	-7.167	-0.0101	-2.5 to 2.5	Pass
				50	3.85	-4.506	-0.0063	-2.5 to 2.5	Pass
					3.27	-3.433	-0.0049	-2.5 to 2.5	Pass
				20	3.85	-4.921	-0.0070	-2.5 to 2.5	Pass
					4.43	-3.834	-0.0054	-2.5 to 2.5	Pass
				-30	3.85	-5.035	-0.0072	-2.5 to 2.5	Pass
				-20	3.85	-6.080	-0.0086	-2.5 to 2.5	Pass
	704	50	0	-10	3.85	-2.718	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-6.108	-0.0087	-2.5 to 2.5	Pass
				10	3.85	-2.432	-0.0035	-2.5 to 2.5	Pass
				30	3.85	-4.935	-0.0070	-2.5 to 2.5	Pass
				40	3.85	-7.939	-0.0113	-2.5 to 2.5	Pass
				50	3.85	-7.324	-0.0104	-2.5 to 2.5	Pass
					3.27	-8.082	-0.0114	-2.5 to 2.5	Pass
				20	3.85	-7.524	-0.0106	-2.5 to 2.5	Pass
					4.43	-5.178	-0.0073	-2.5 to 2.5	Pass
				-30	3.85	-6.080	-0.0086	-2.5 to 2.5	Pass
				-20	3.85	-5.178	-0.0073	-2.5 to 2.5	Pass
16QAM	707.5	50	0	-10	3.85	-6.309	-0.0089	-2.5 to 2.5	Pass
				0	3.85	-5.636	-0.0080	-2.5 to 2.5	Pass
				10	3.85	-5.450	-0.0077	-2.5 to 2.5	Pass
				30	3.85	-6.595	-0.0093	-2.5 to 2.5	Pass
				40	3.85	-6.051	-0.0086	-2.5 to 2.5	Pass
				50	3.85	-1.502	-0.0021	-2.5 to 2.5	Pass
					3.27	-7.410	-0.0104	-2.5 to 2.5	Pass
				20	3.85	-6.623	-0.0093	-2.5 to 2.5	Pass
					4.43	-4.878	-0.0069	-2.5 to 2.5	Pass
				-30	3.85	-4.306	-0.0061	-2.5 to 2.5	Pass
				-20	3.85	-6.237	-0.0088	-2.5 to 2.5	Pass
	711	50	0	-10	3.85	-6.294	-0.0089	-2.5 to 2.5	Pass
				0	3.85	-7.582	-0.0107	-2.5 to 2.5	Pass
				10	3.85	-7.138	-0.0100	-2.5 to 2.5	Pass
				30	3.85	-7.639	-0.0107	-2.5 to 2.5	Pass
				40	3.85	-6.022	-0.0085	-2.5 to 2.5	Pass
				50	3.85	-6.580	-0.0093	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 B12_1.4MHz

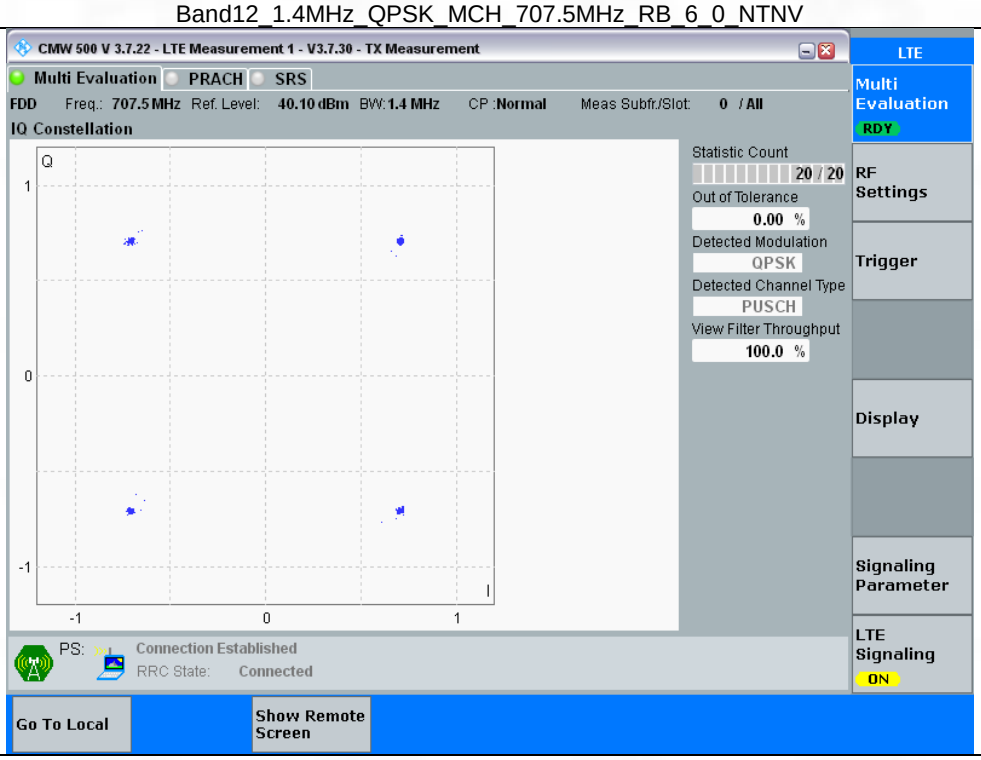
3.1.1 Test Result

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

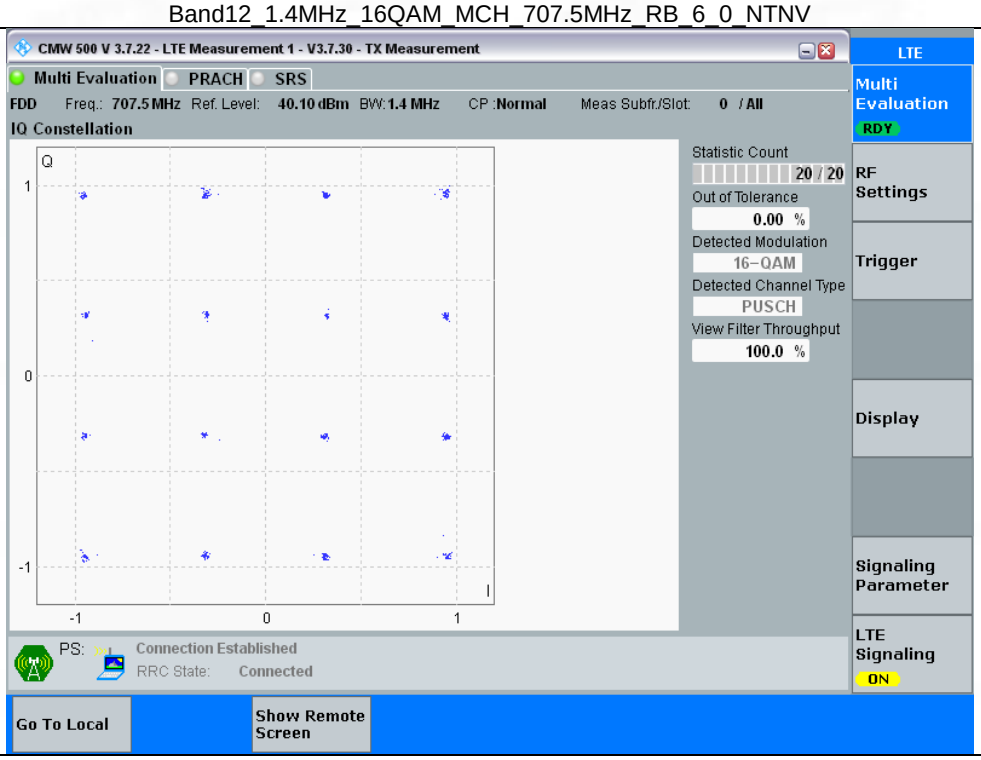
QPSK	707.5	6	0	Refer To Test Graph	Pass
16QAM	707.5	6	0	Refer To Test Graph	Pass

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



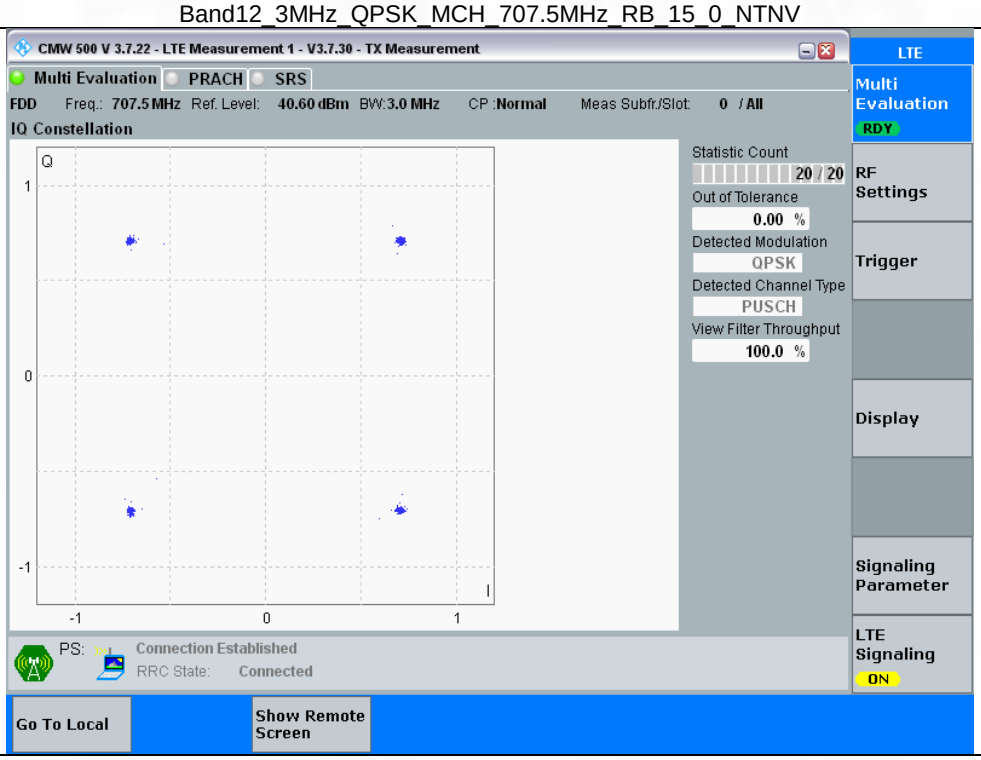
3.2 B12_3MHz

3.2.1 Test Result

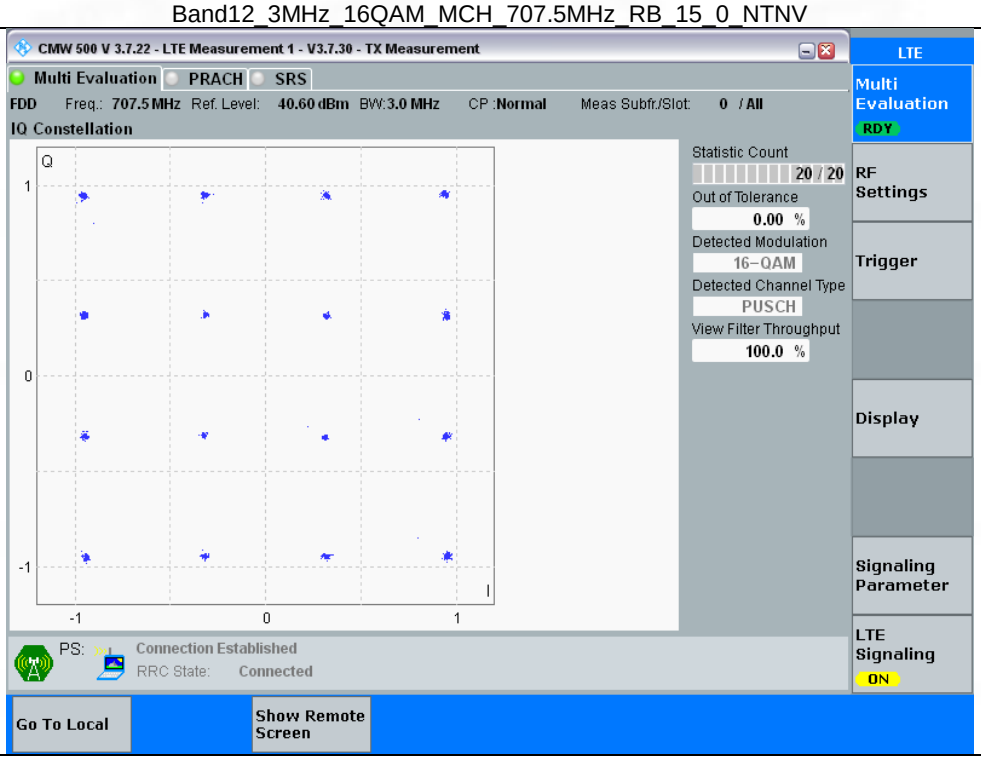
Band: 12 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	707.5	15	0	Refer To Test Graph		Pass
16QAM	707.5	15	0	Refer To Test Graph		Pass

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



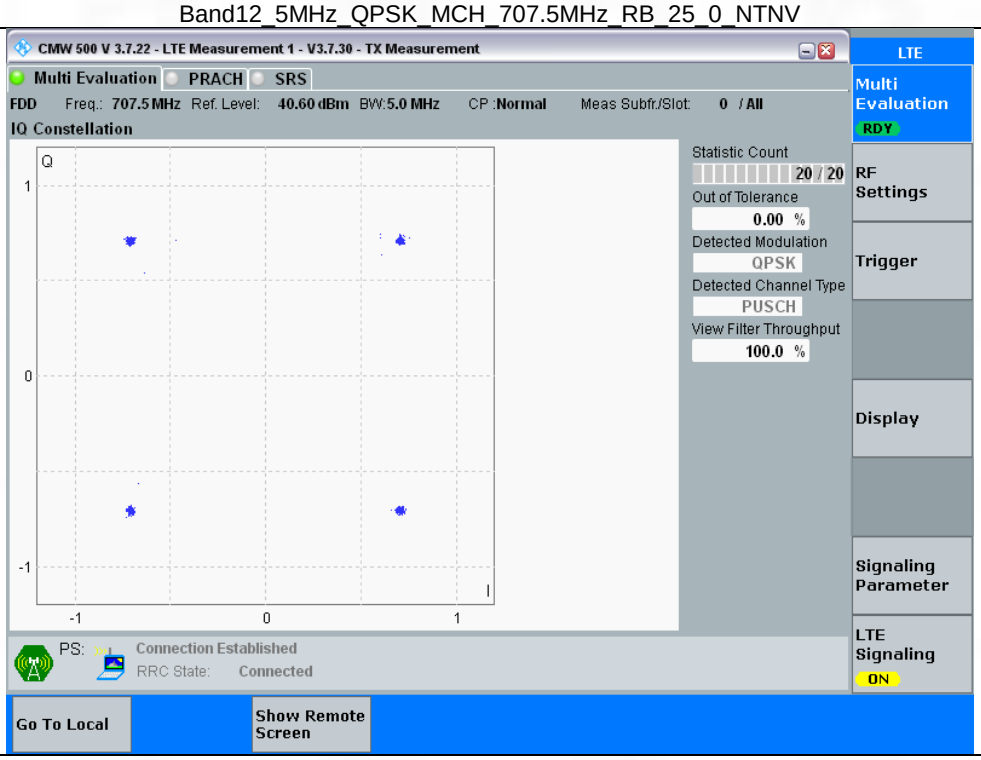
3.3 B12_5MHz

3.3.1 Test Result

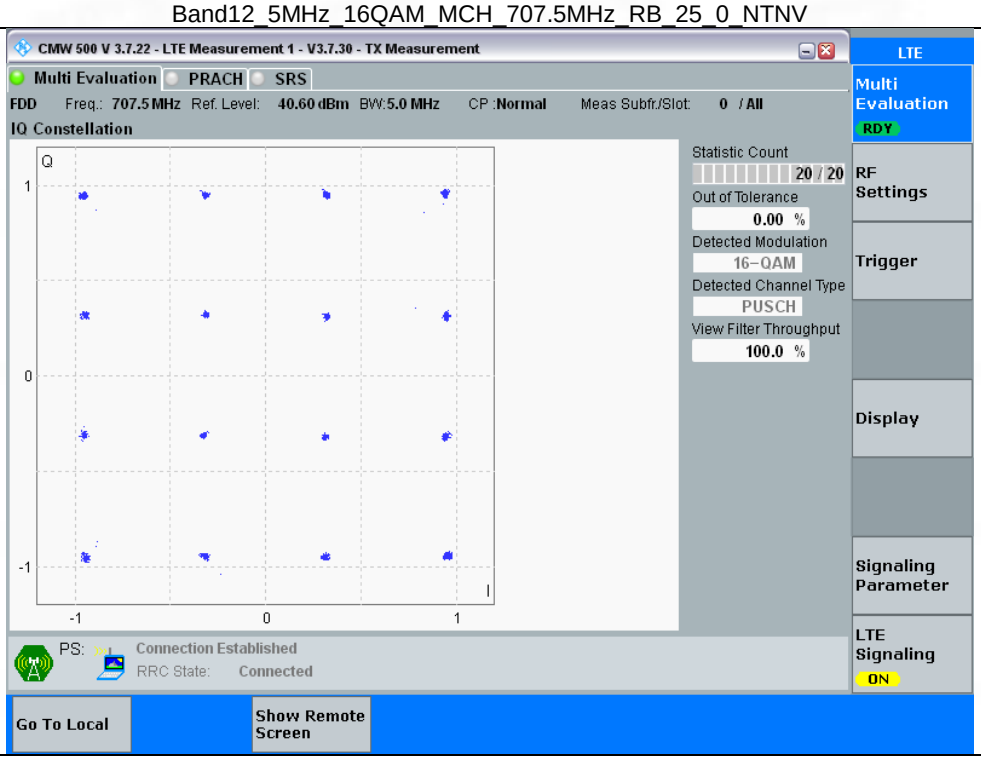
Band: 12 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	707.5	25	0	Refer To Test Graph		Pass
16QAM	707.5	25	0	Refer To Test Graph		Pass

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



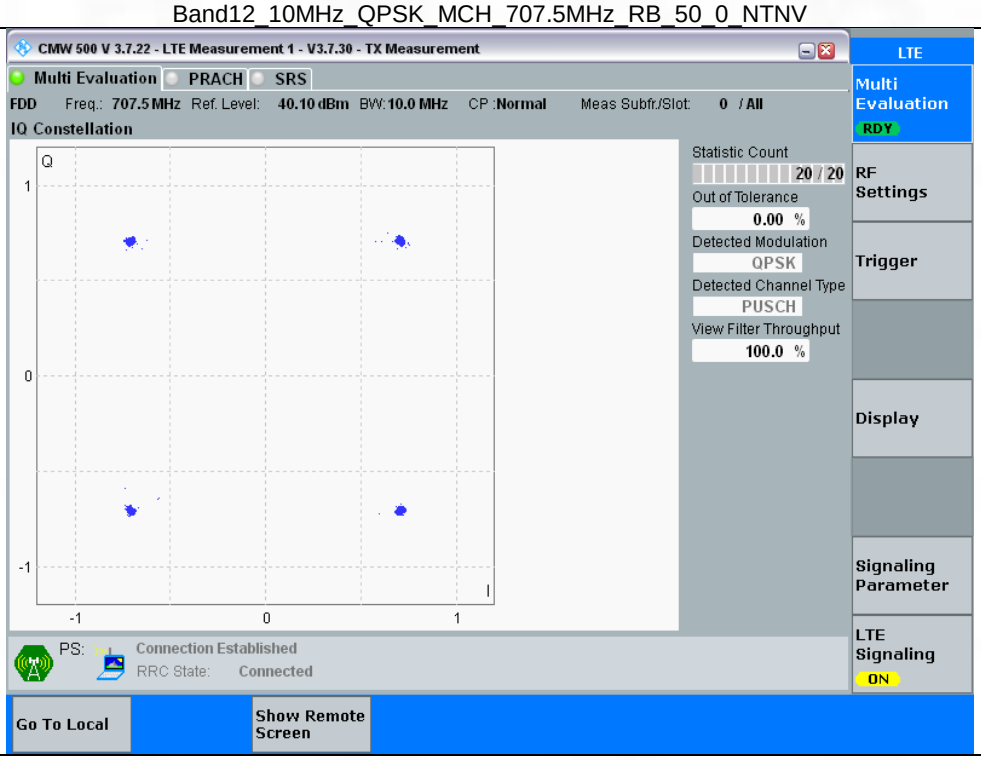
3.4 B12_10MHz

3.4.1 Test Result

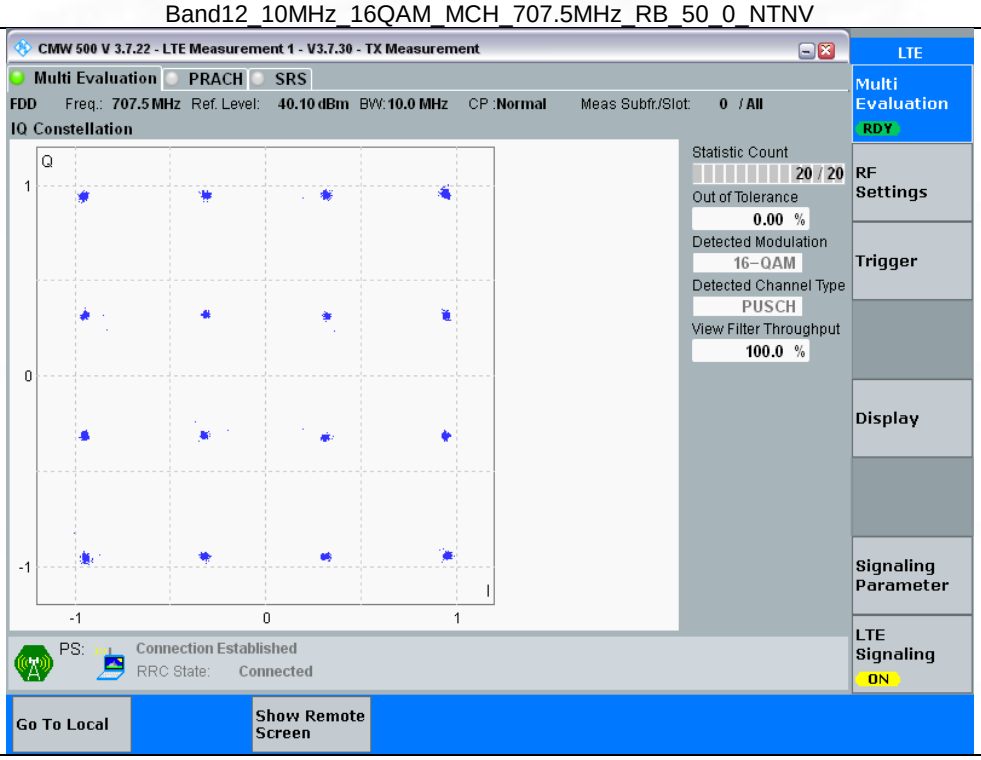
Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	707.5	50	0	Refer To Test Graph		Pass
16QAM	707.5	50	0	Refer To Test Graph		Pass

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

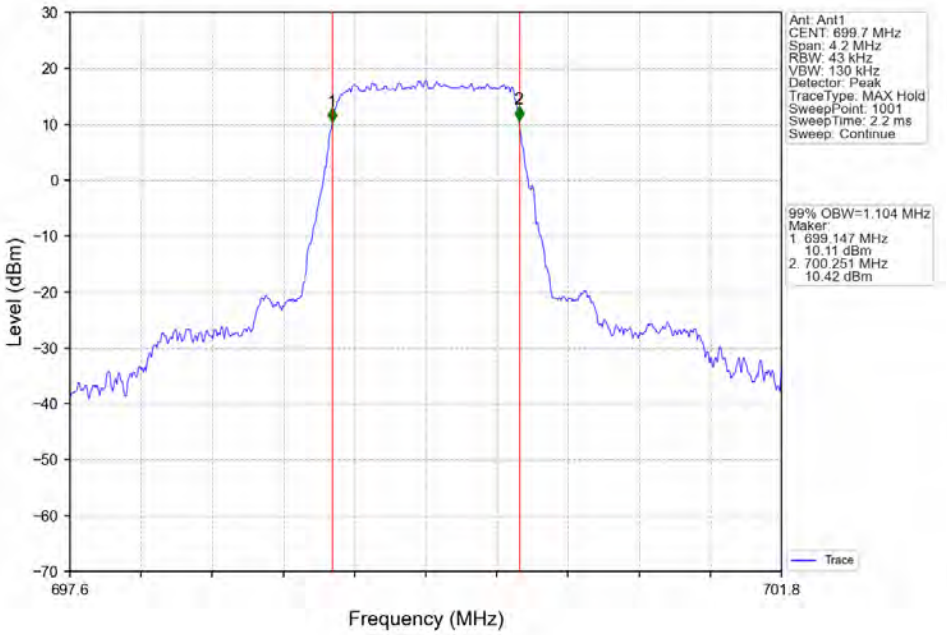
4.1 Band12_OBW

4.1.1 Test Result

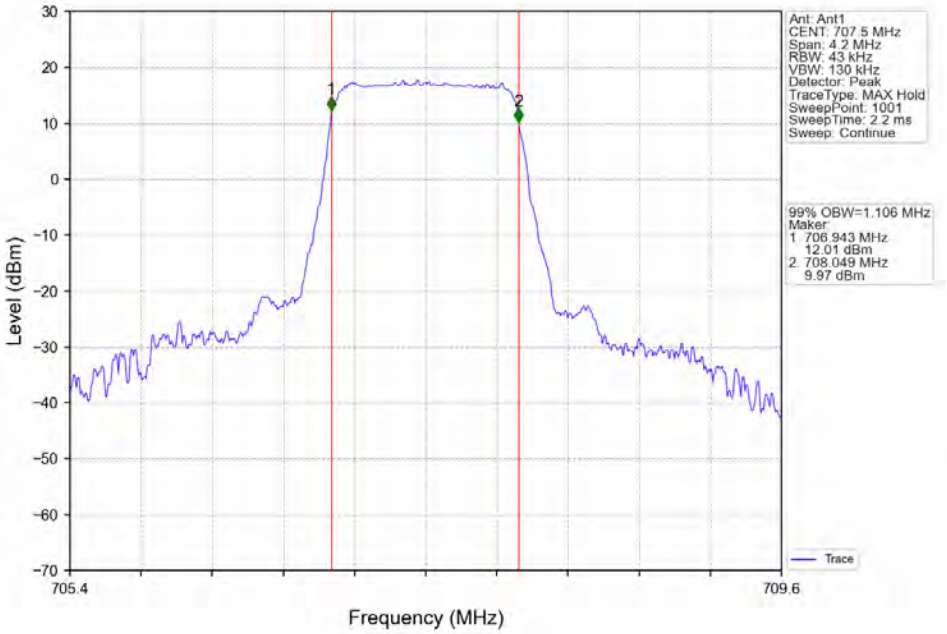
Band: 12 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	699.7	6	0	1.104	/	Pass
		707.5	6	0	1.106	/	Pass
		715.3	6	0	1.110	/	Pass
	16QAM	699.7	6	0	1.102	/	Pass
		707.5	6	0	1.118	/	Pass
		715.3	6	0	1.112	/	Pass
3	QPSK	700.5	15	0	2.734	/	Pass
		707.5	15	0	2.723	/	Pass
		714.5	15	0	2.727	/	Pass
	16QAM	700.5	15	0	2.714	/	Pass
		707.5	15	0	2.723	/	Pass
		714.5	15	0	2.710	/	Pass
5	QPSK	701.5	25	0	4.558	/	Pass
		707.5	25	0	4.560	/	Pass
		713.5	25	0	4.586	/	Pass
	16QAM	701.5	25	0	4.597	/	Pass
		707.5	25	0	4.576	/	Pass
		713.5	25	0	4.548	/	Pass
10	QPSK	704	50	0	9.017	/	Pass
		707.5	50	0	9.062	/	Pass
		711	50	0	9.106	/	Pass
	16QAM	704	50	0	9.020	/	Pass
		707.5	50	0	9.081	/	Pass
		711	50	0	9.095	/	Pass

4.1.2 Test Graph

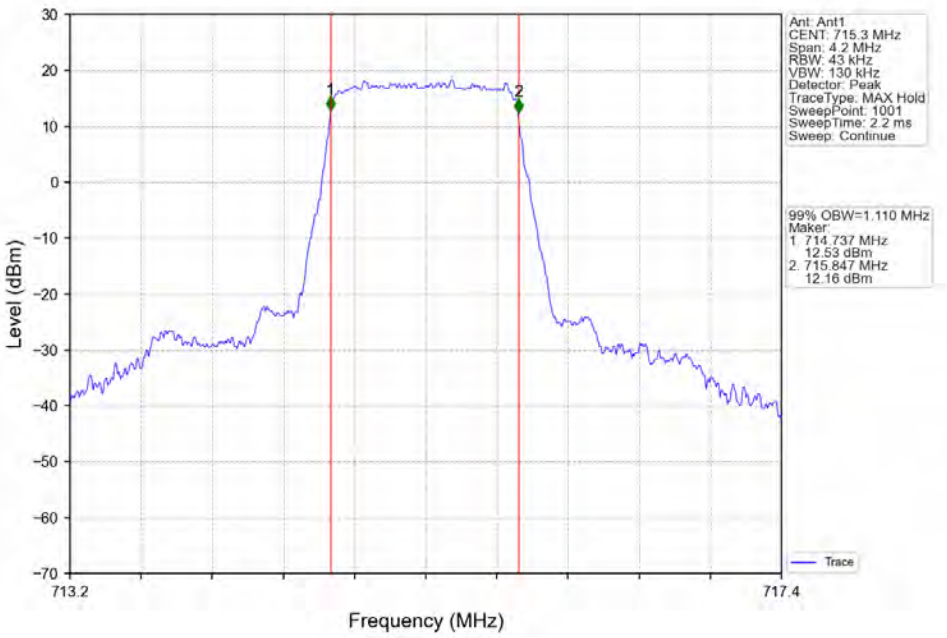
Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV



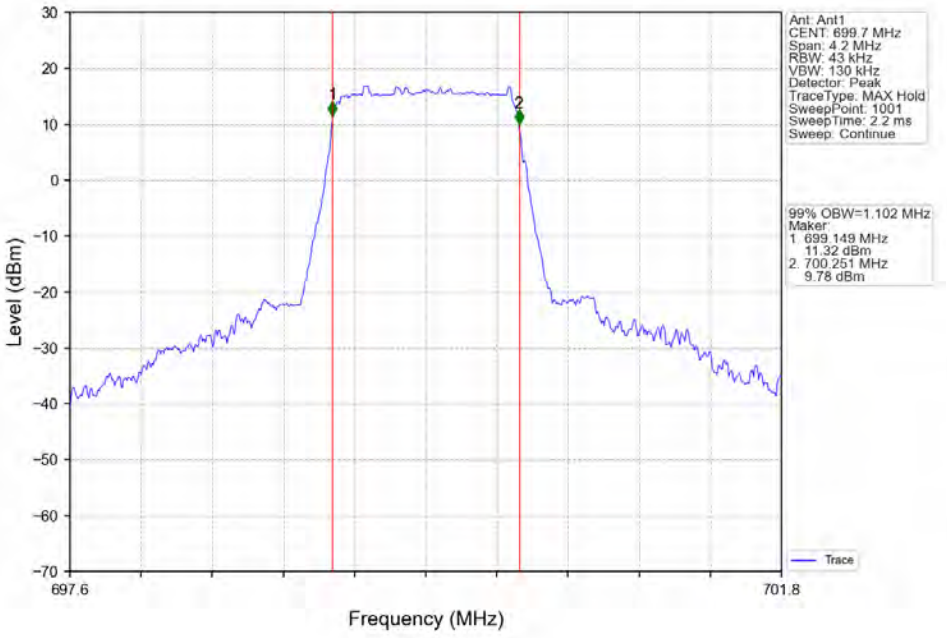
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_6_0_NTNV



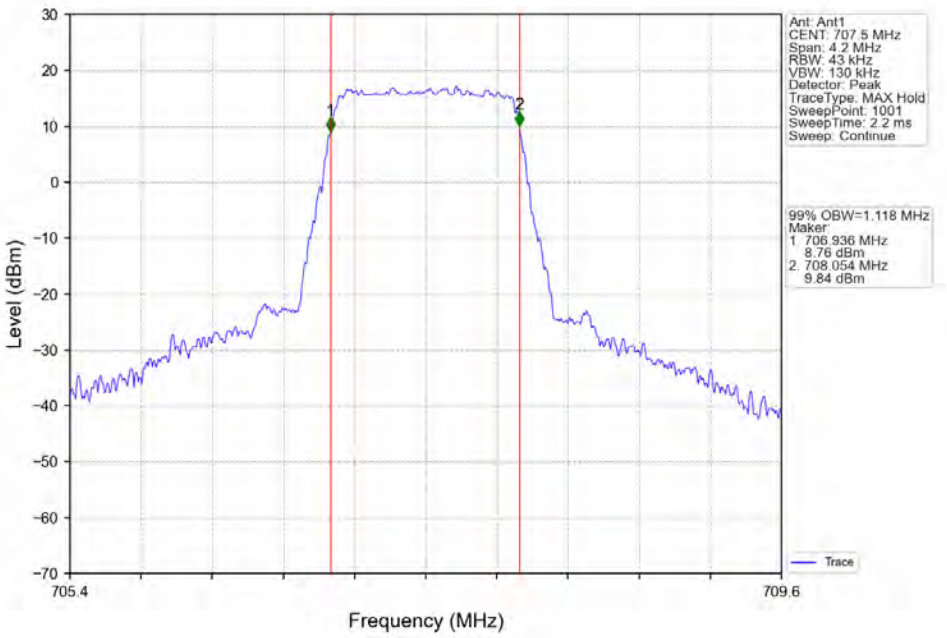
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



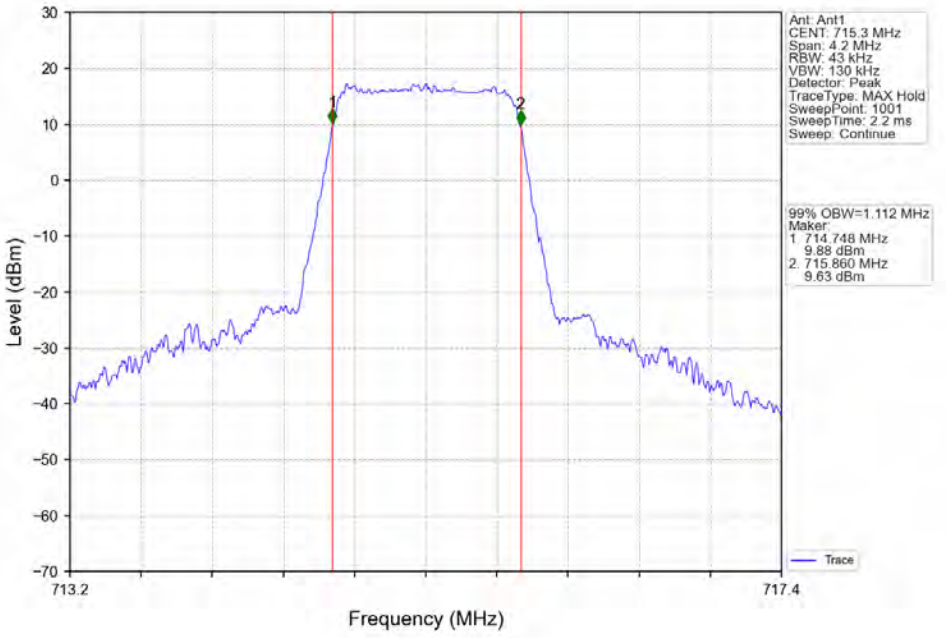
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



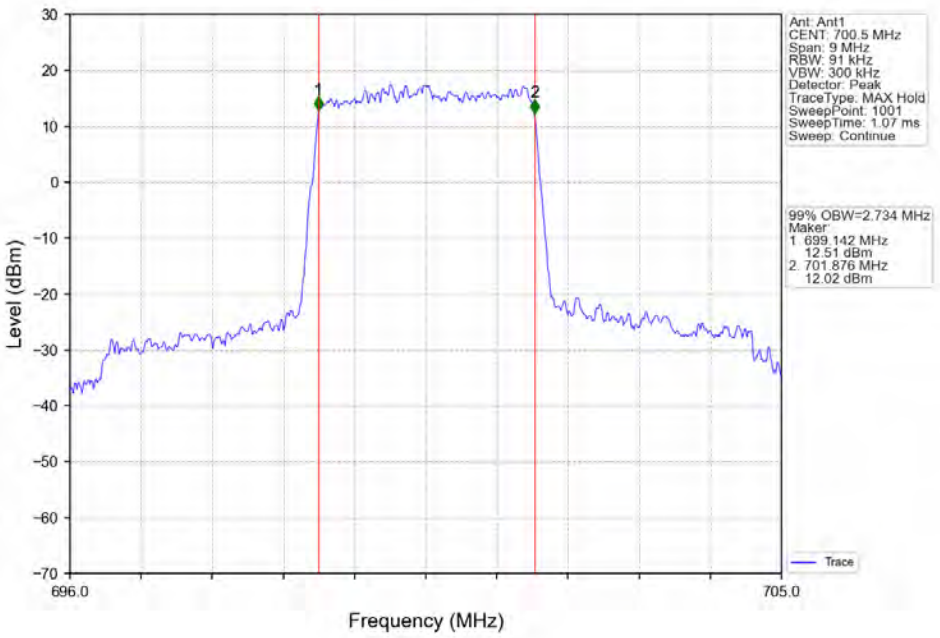
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



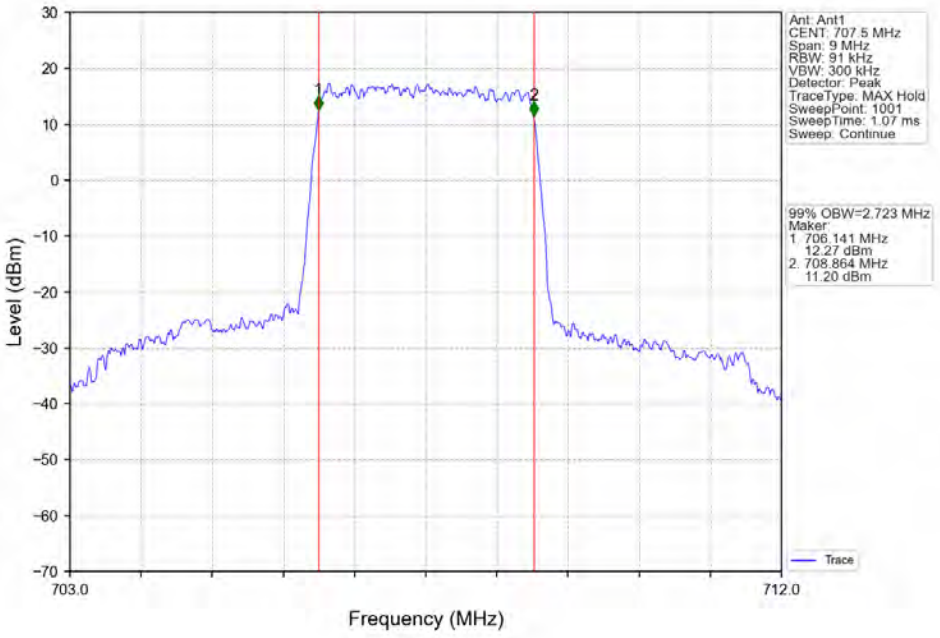
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



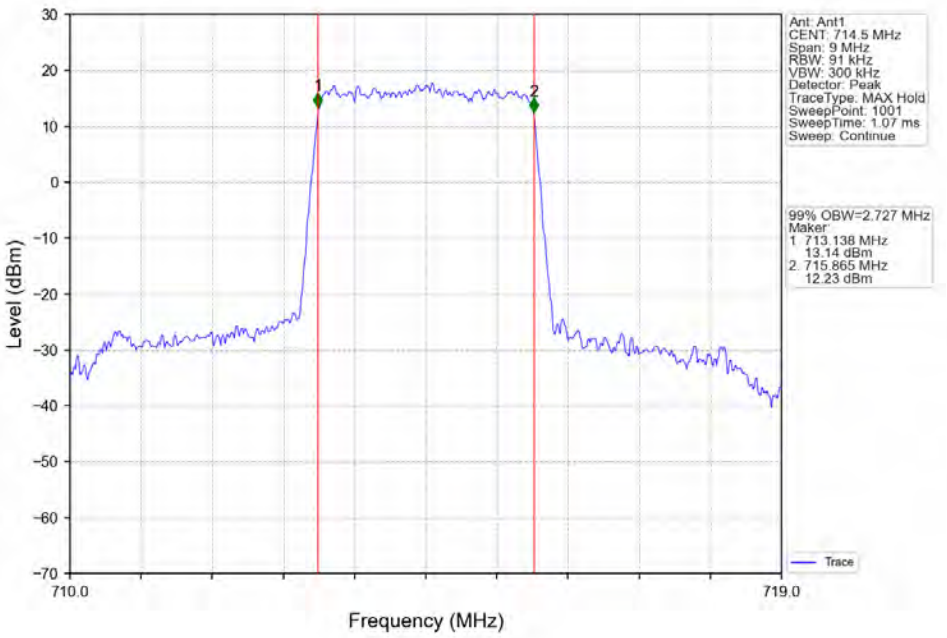
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



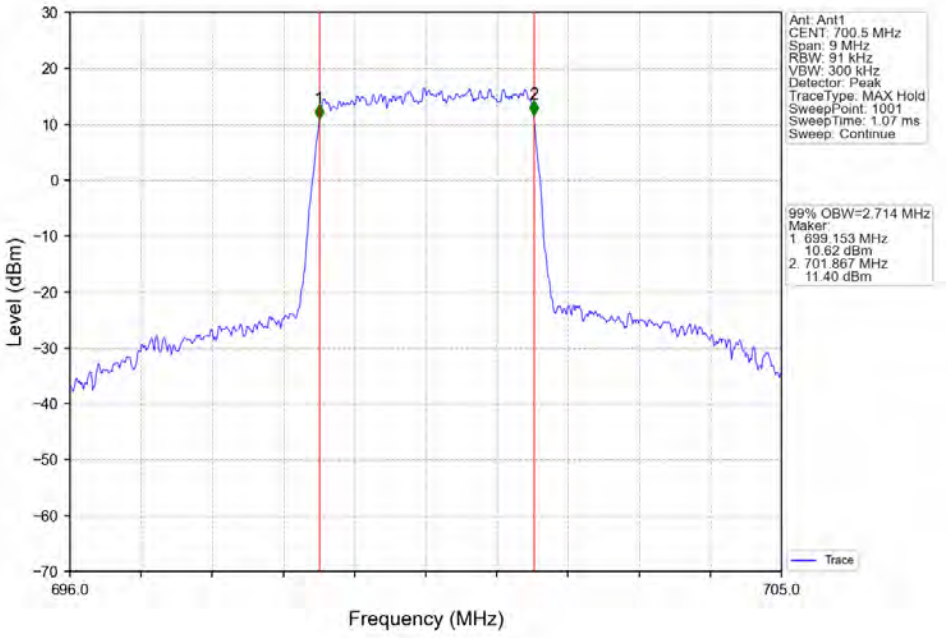
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



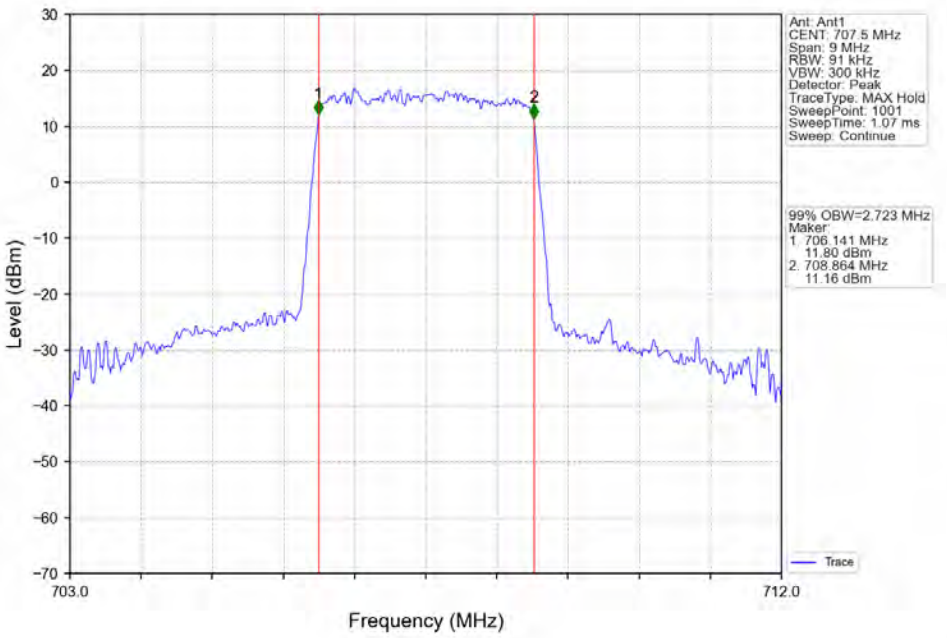
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



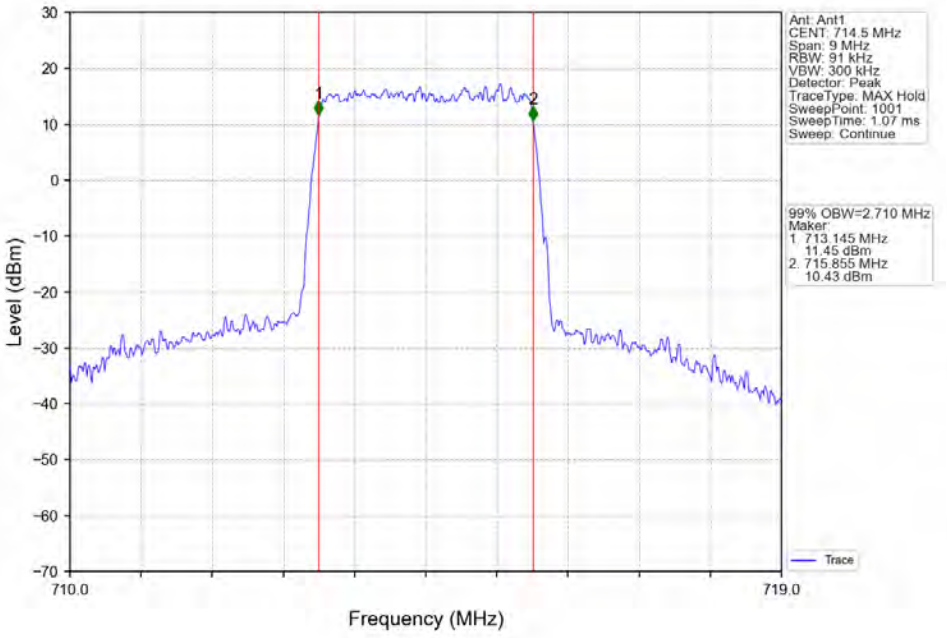
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



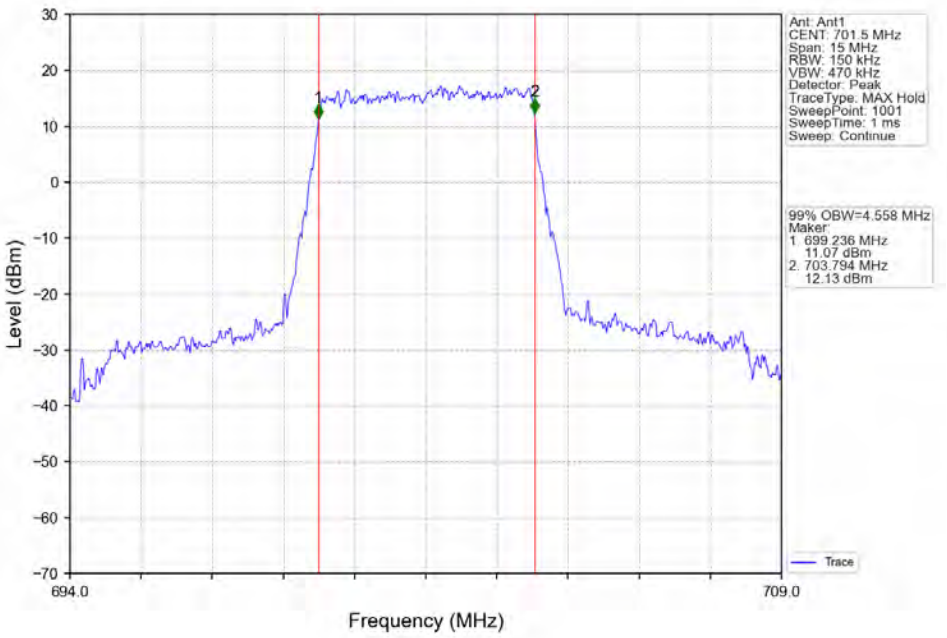
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



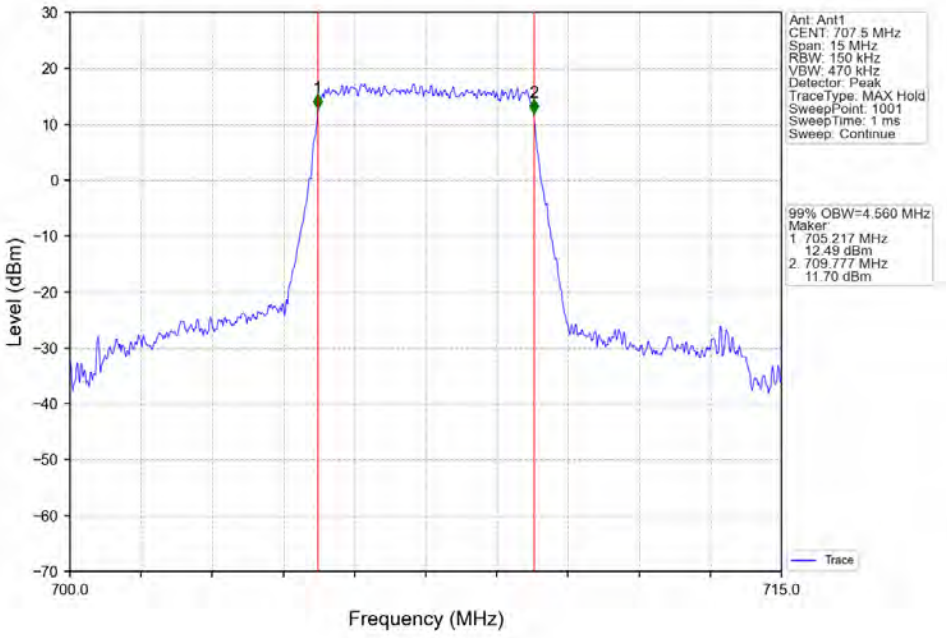
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



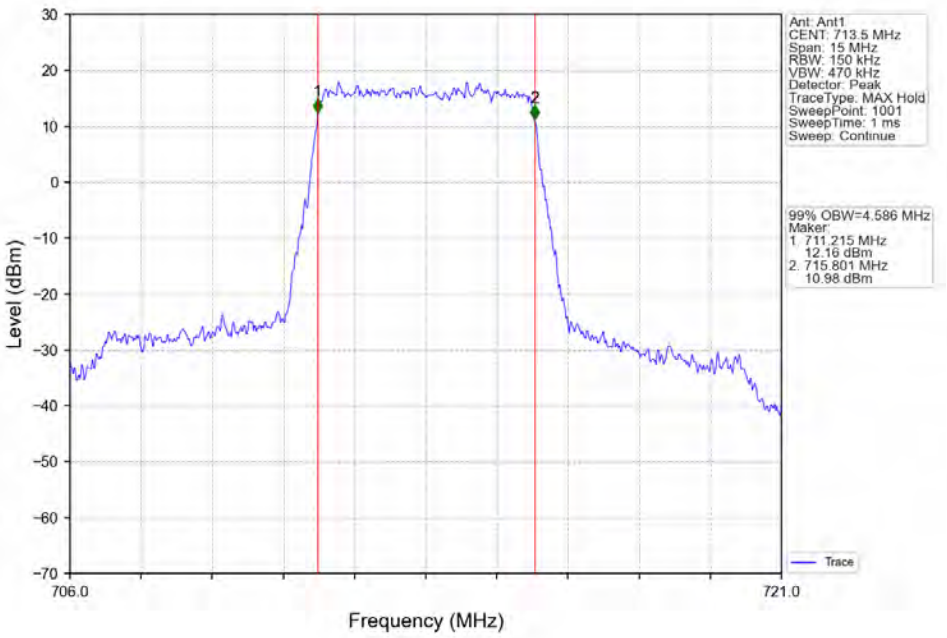
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



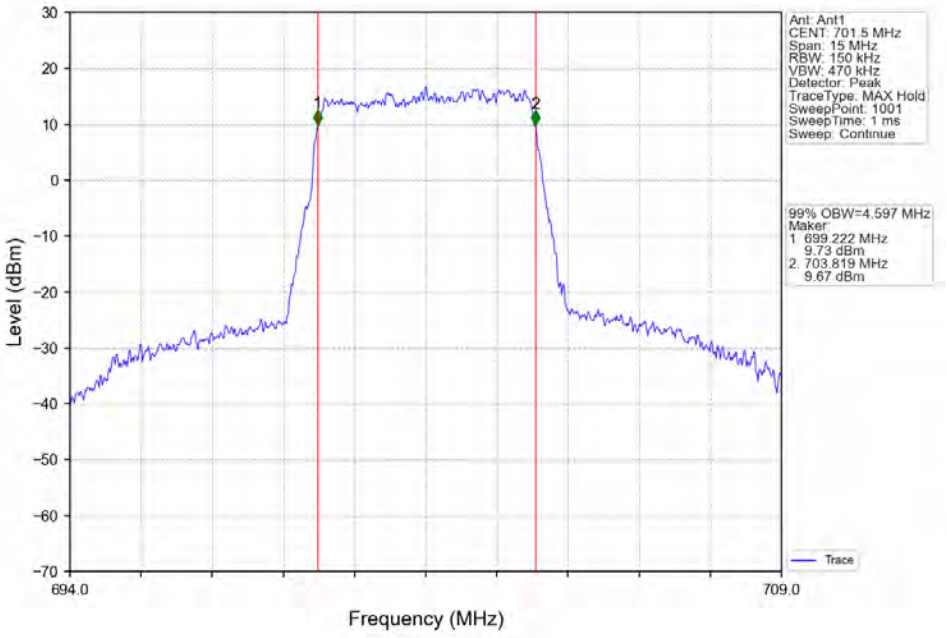
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



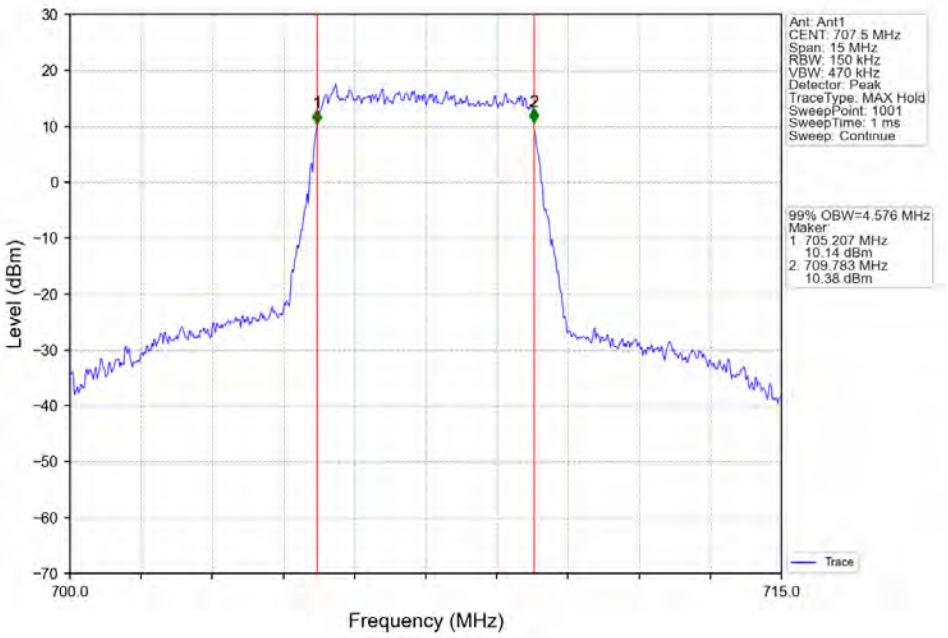
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



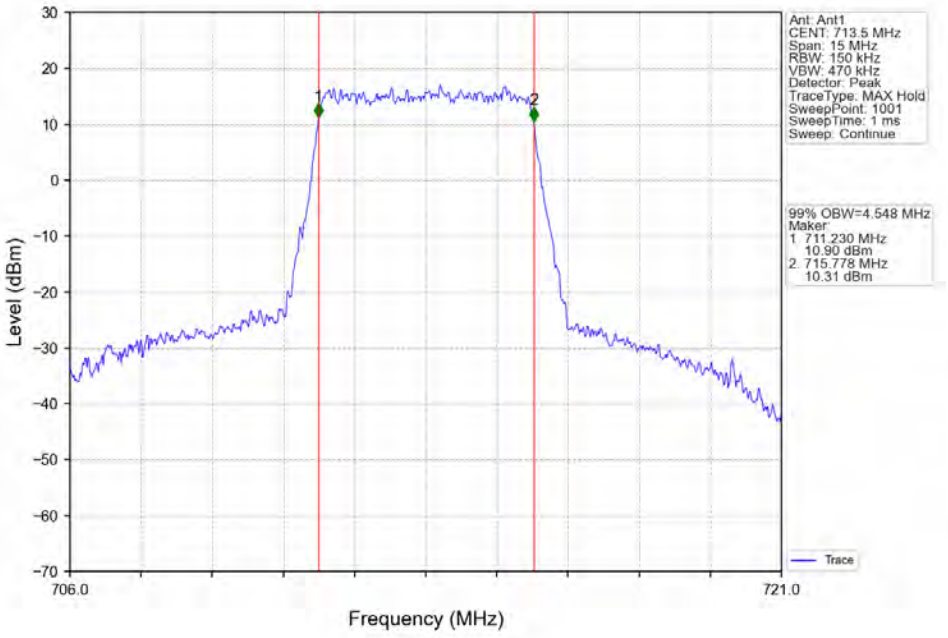
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



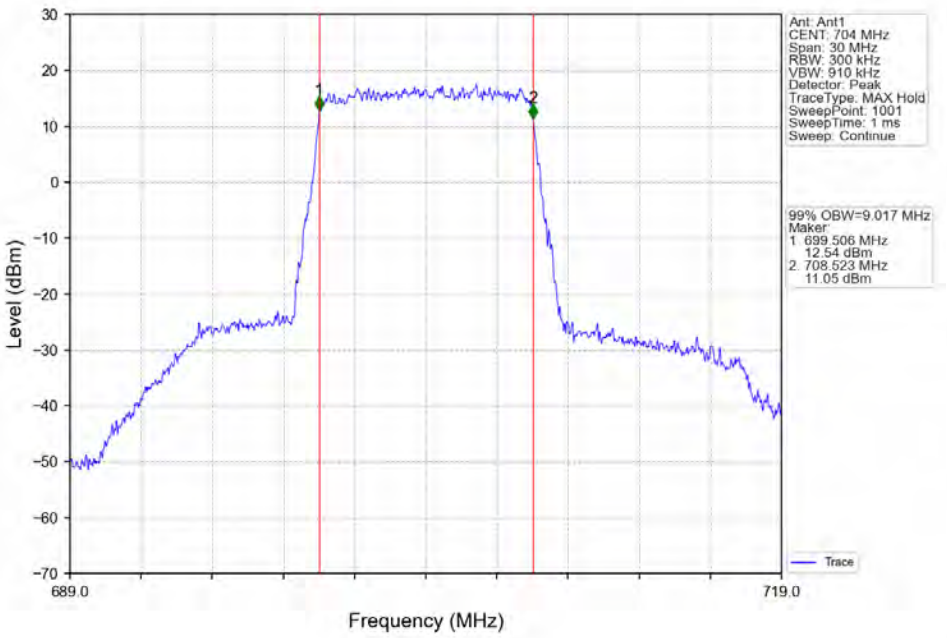
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



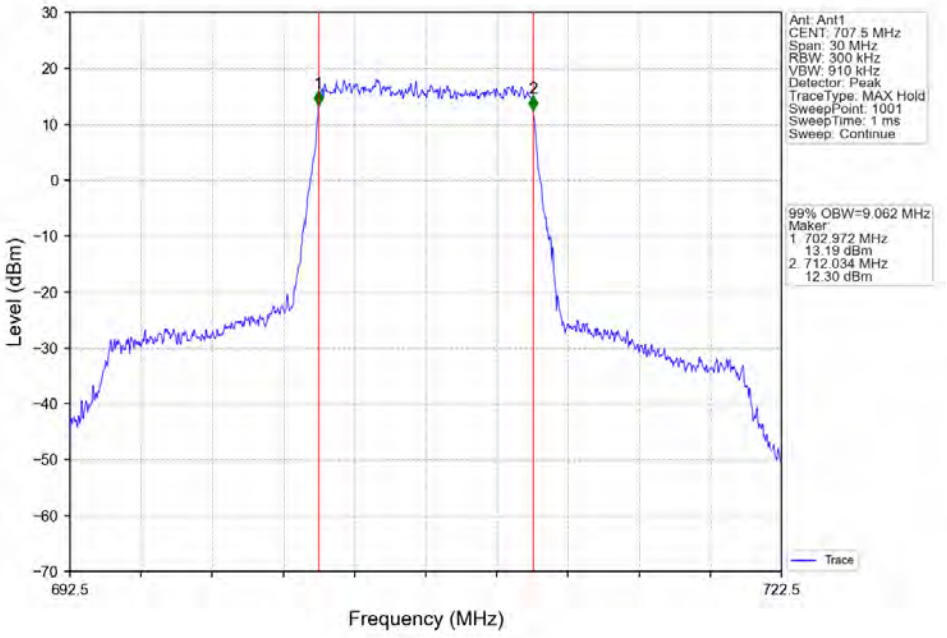
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



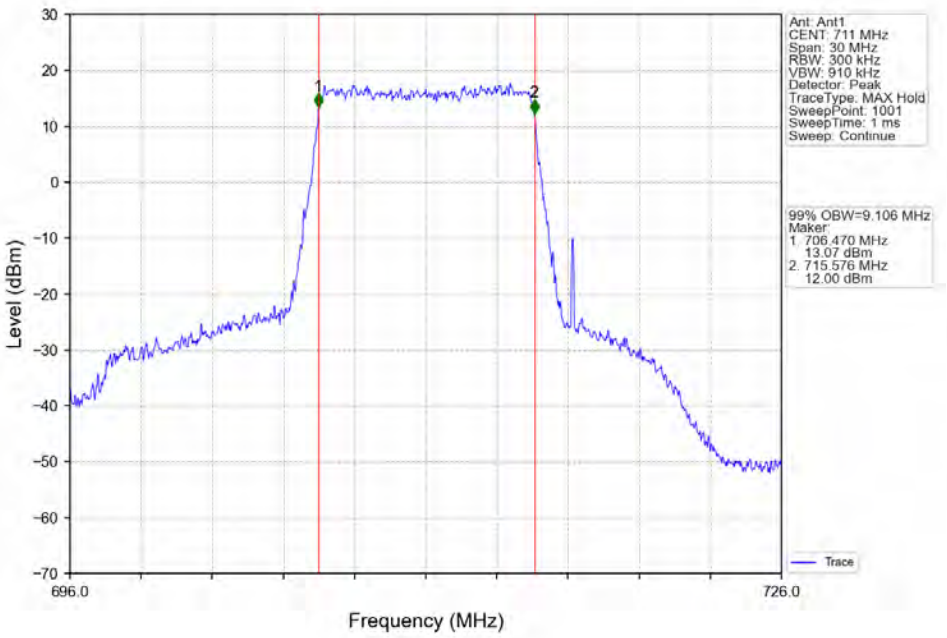
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



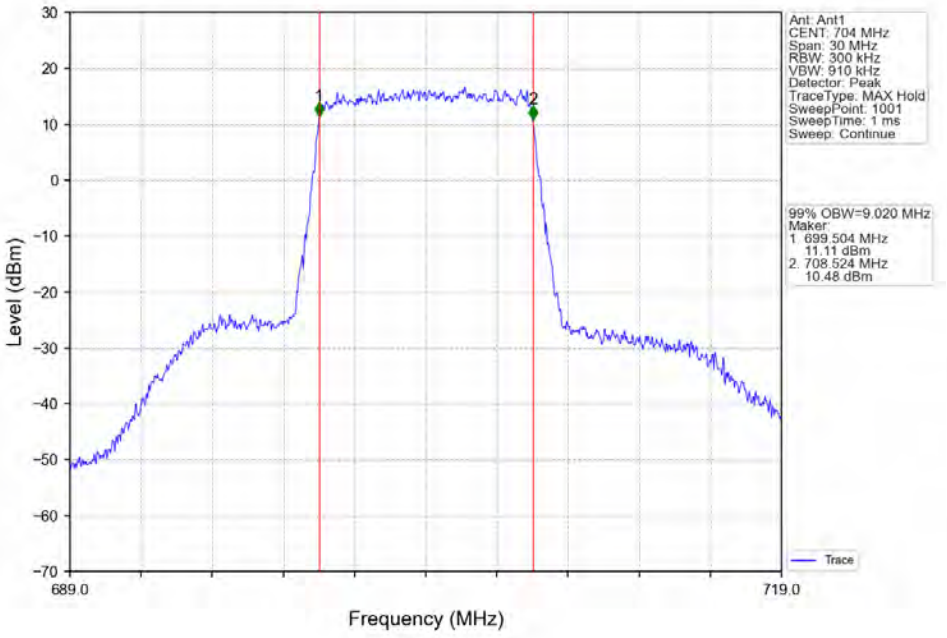
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



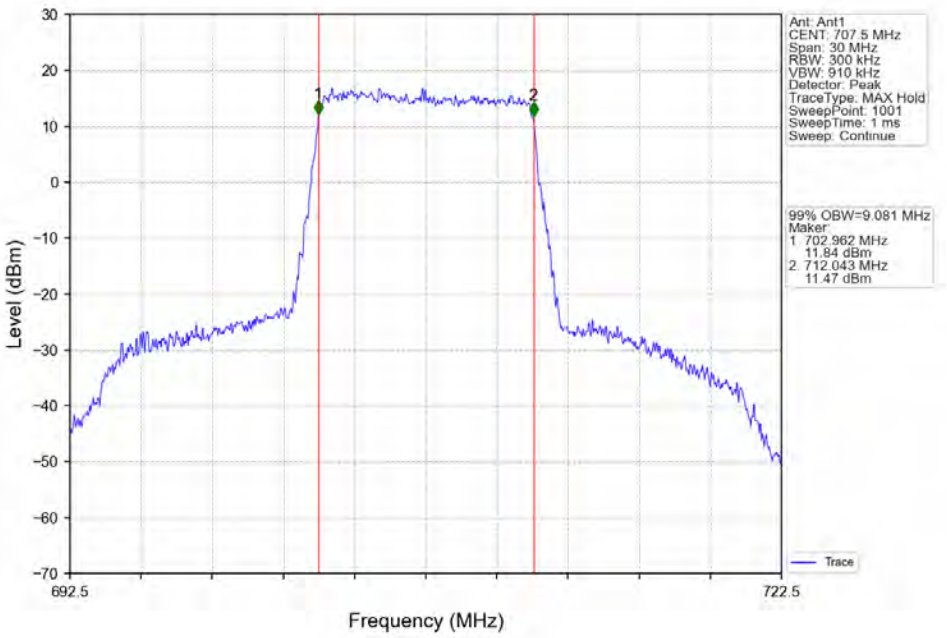
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



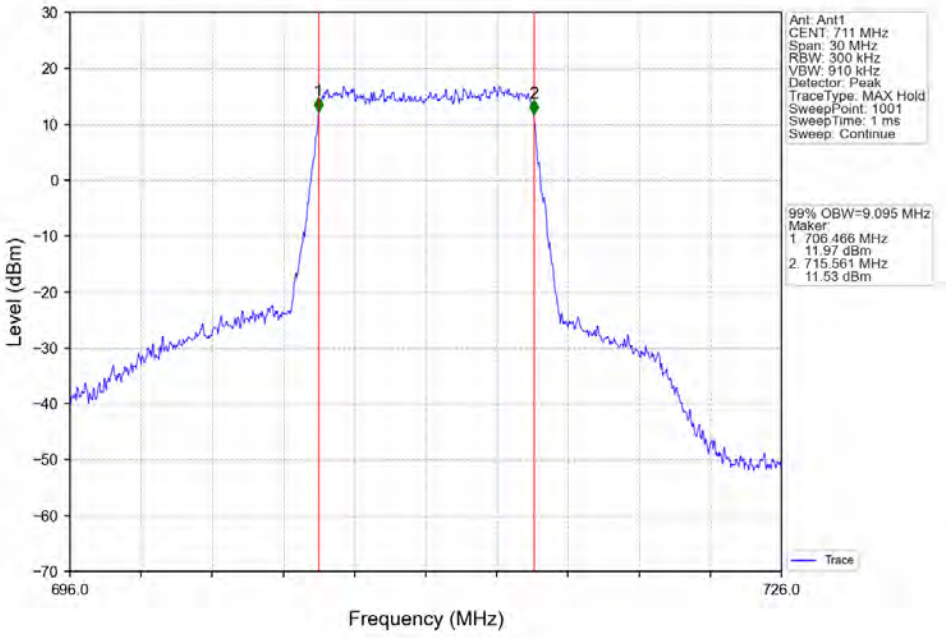
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



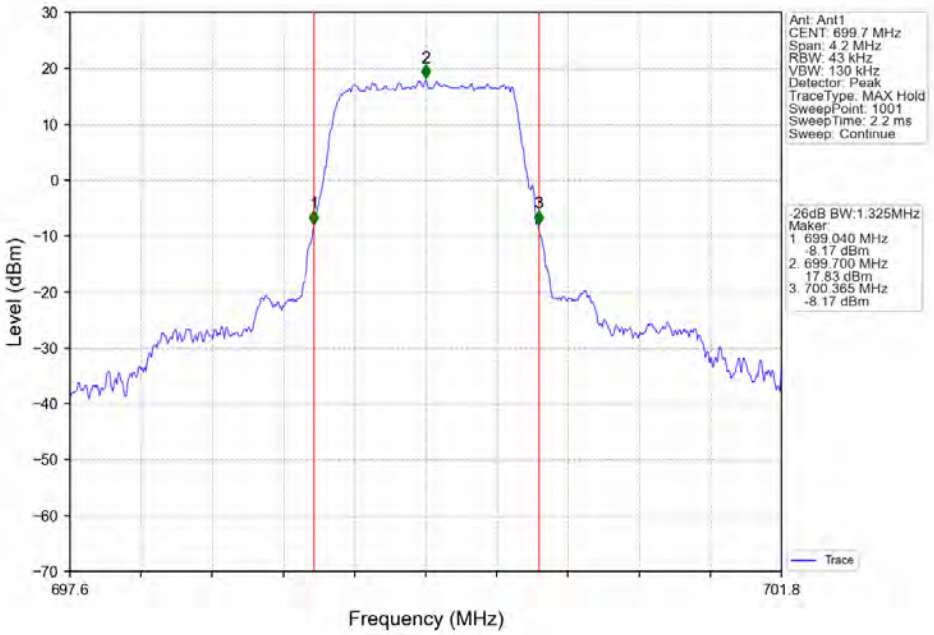
4.2 Band12_XDB

4.2.1 Test Result

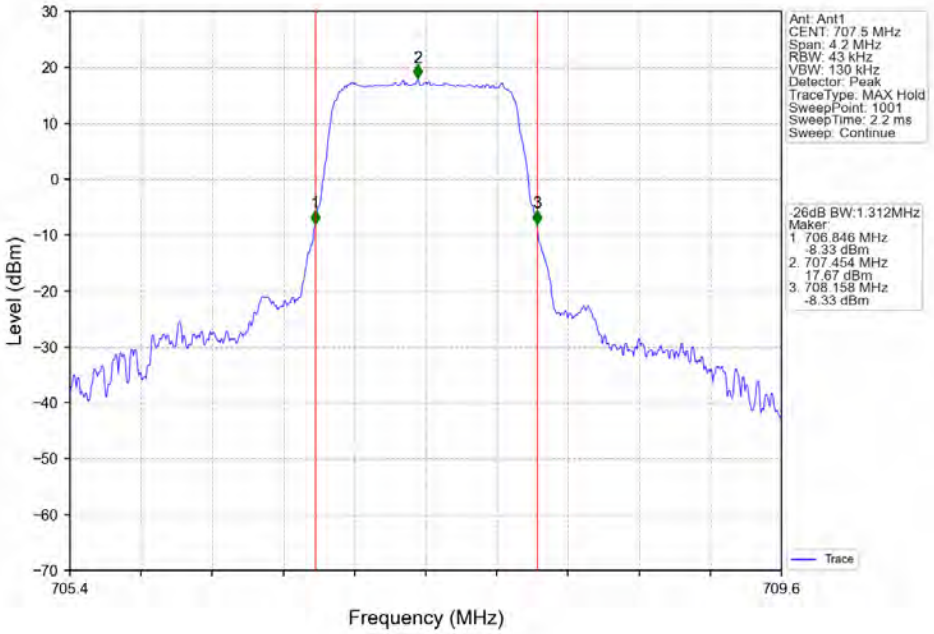
Band: 12 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	699.7	6	0	1.325	/	Pass
		707.5	6	0	1.312	/	Pass
		715.3	6	0	1.316	/	Pass
	16QAM	699.7	6	0	1.298	/	Pass
		707.5	6	0	1.327	/	Pass
		715.3	6	0	1.312	/	Pass
3	QPSK	700.5	15	0	3.006	/	Pass
		707.5	15	0	3.007	/	Pass
		714.5	15	0	2.989	/	Pass
	16QAM	700.5	15	0	2.984	/	Pass
		707.5	15	0	2.995	/	Pass
		714.5	15	0	2.978	/	Pass
5	QPSK	701.5	25	0	5.226	/	Pass
		707.5	25	0	5.257	/	Pass
		713.5	25	0	5.250	/	Pass
	16QAM	701.5	25	0	5.286	/	Pass
		707.5	25	0	5.226	/	Pass
		713.5	25	0	5.289	/	Pass
10	QPSK	704	50	0	10.345	/	Pass
		707.5	50	0	10.233	/	Pass
		711	50	0	10.358	/	Pass
	16QAM	704	50	0	10.136	/	Pass
		707.5	50	0	10.310	/	Pass
		711	50	0	10.212	/	Pass

4.2.2 Test Graph

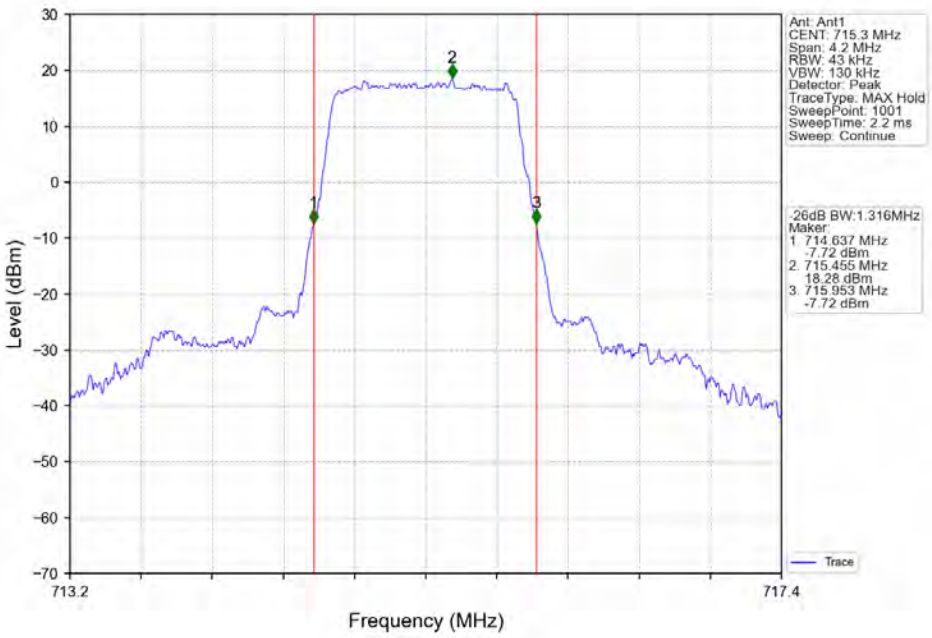
Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV



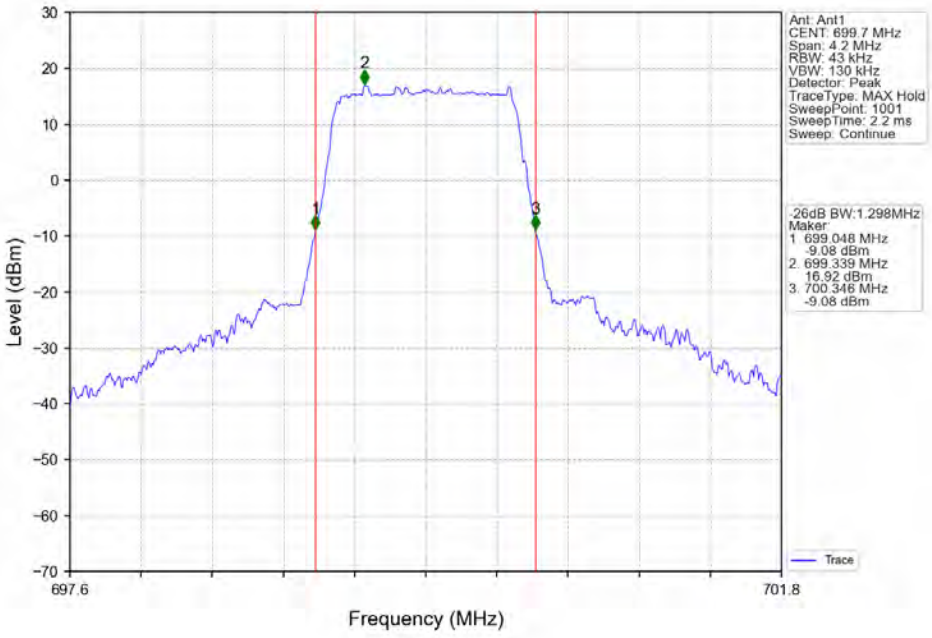
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_6_0_NTNV



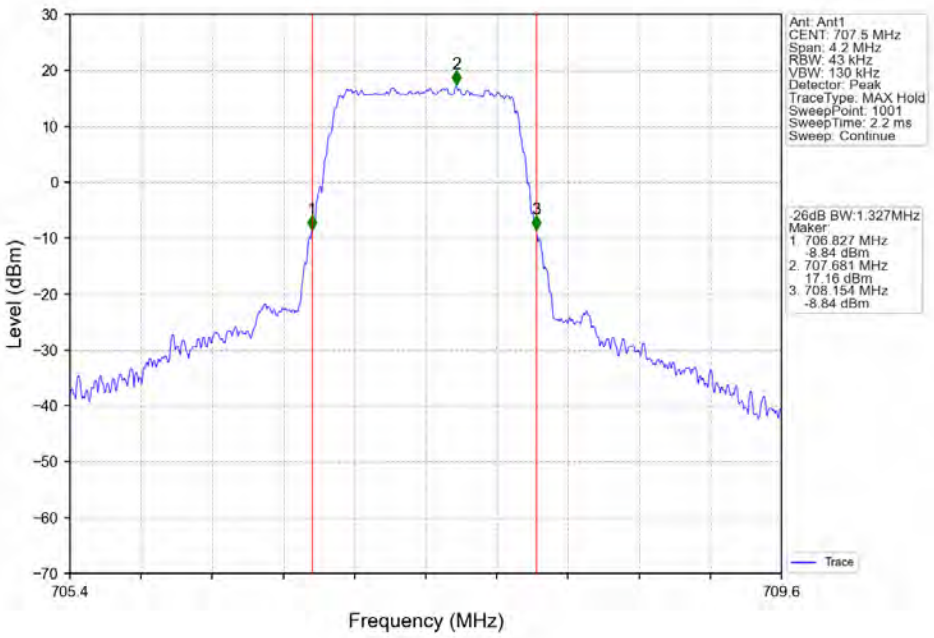
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



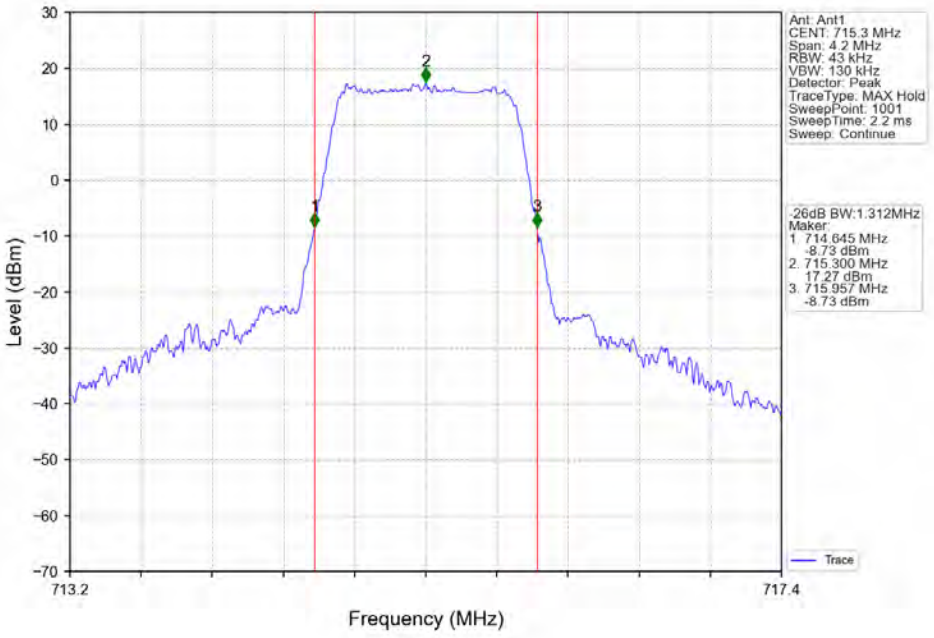
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



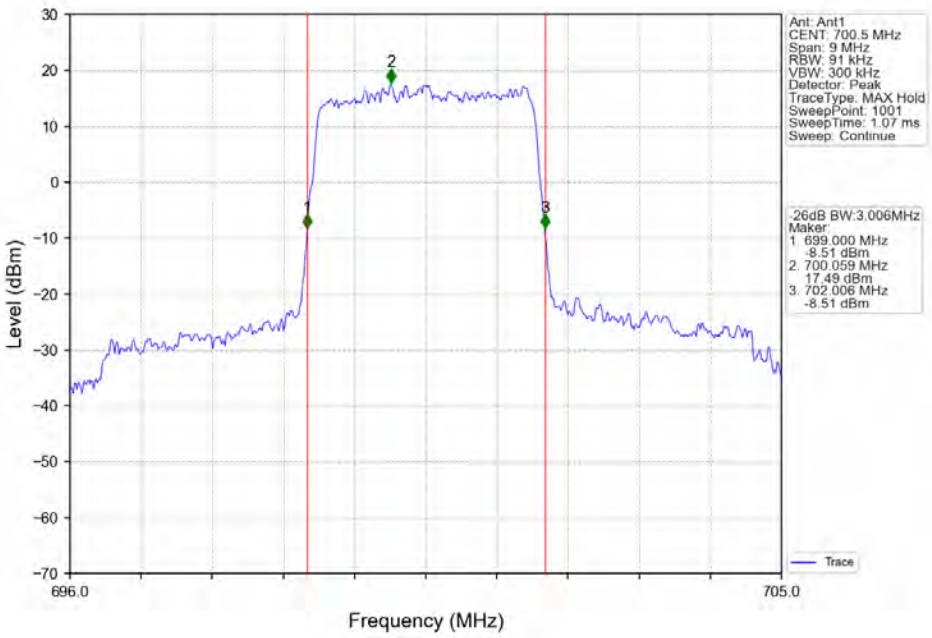
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



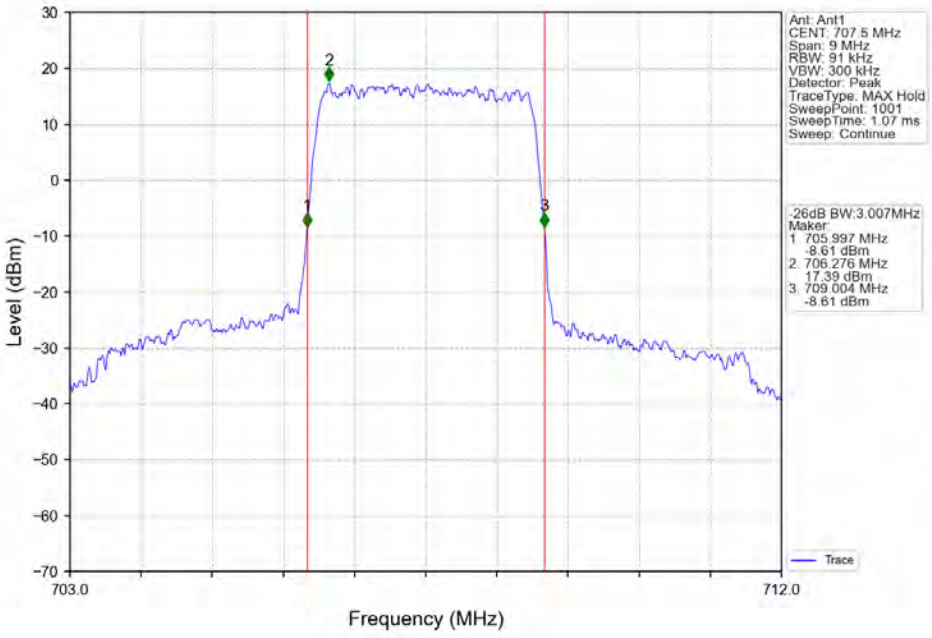
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



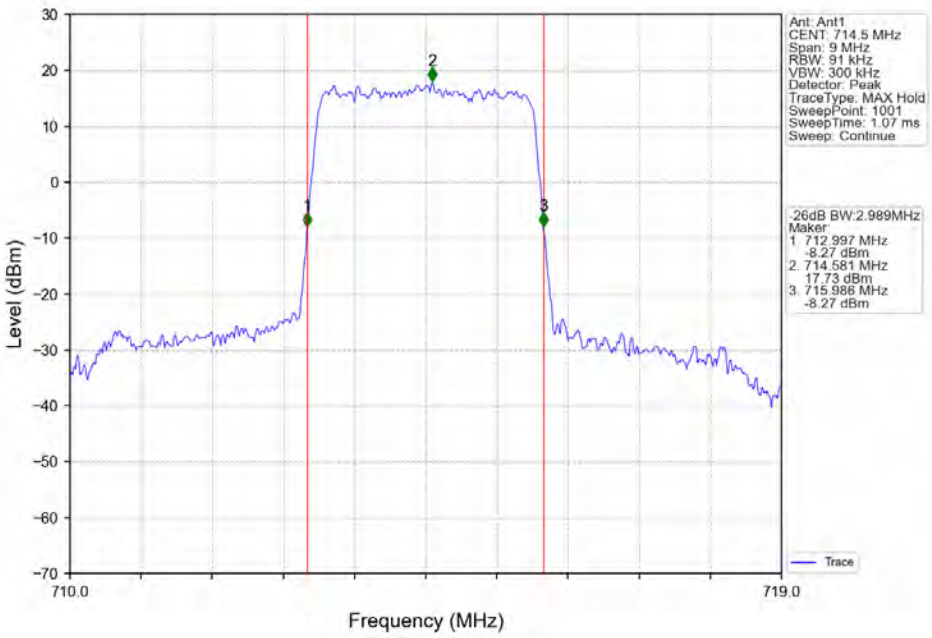
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



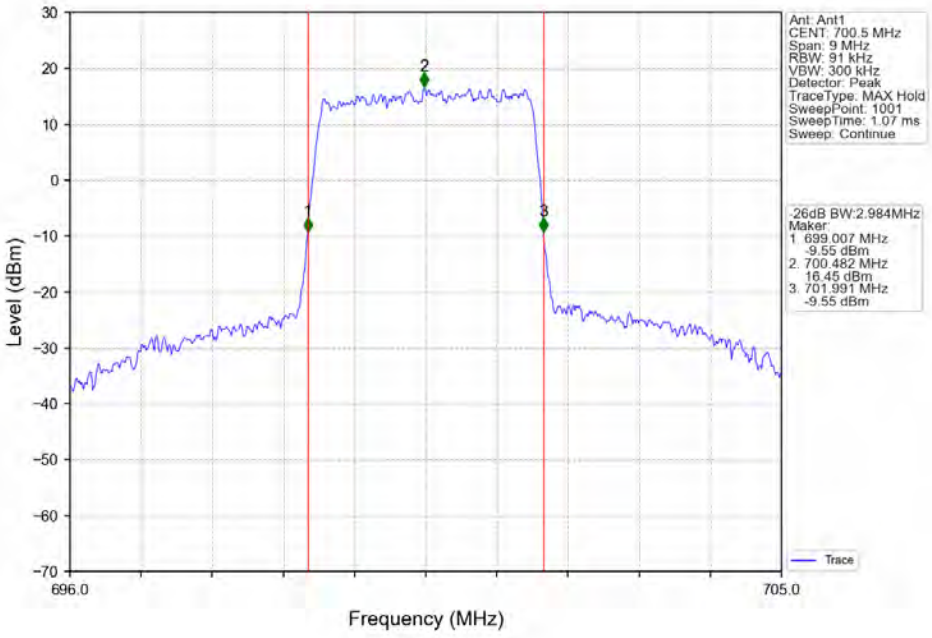
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



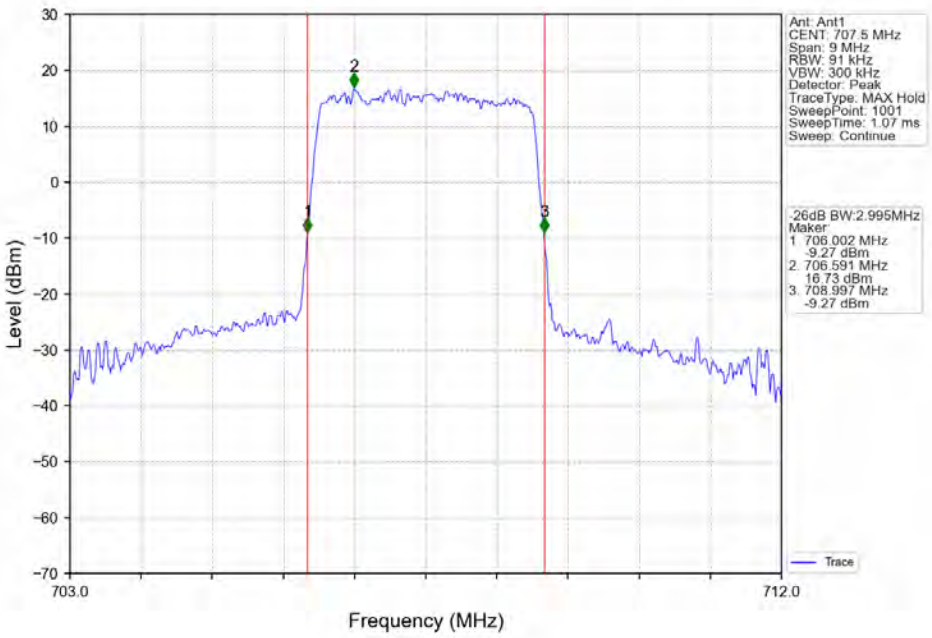
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



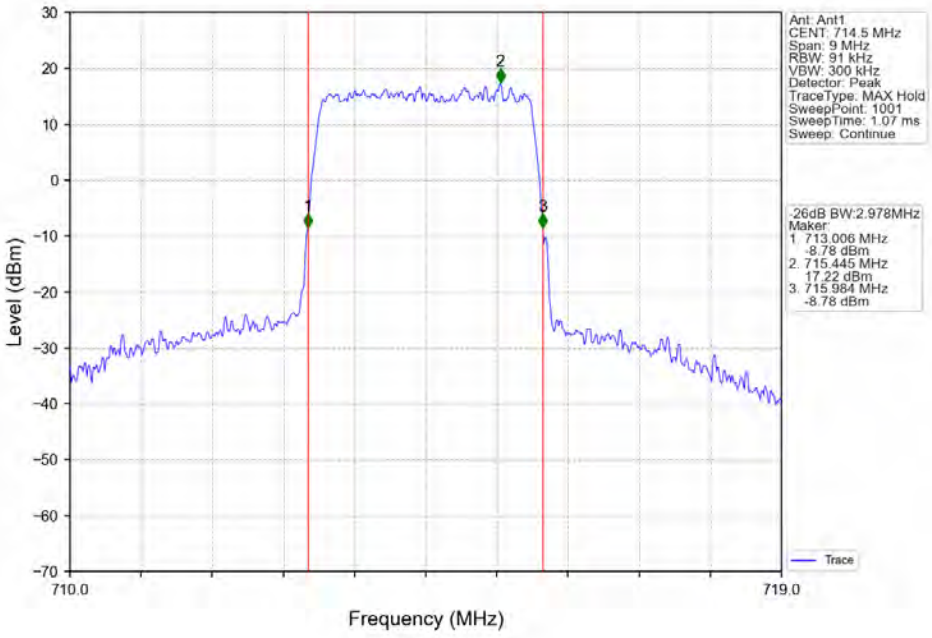
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



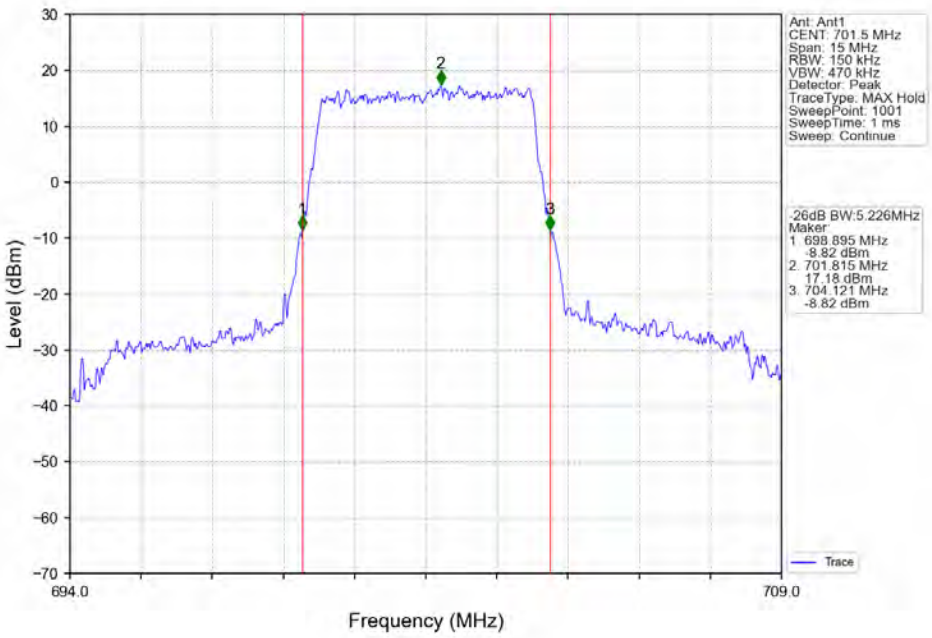
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



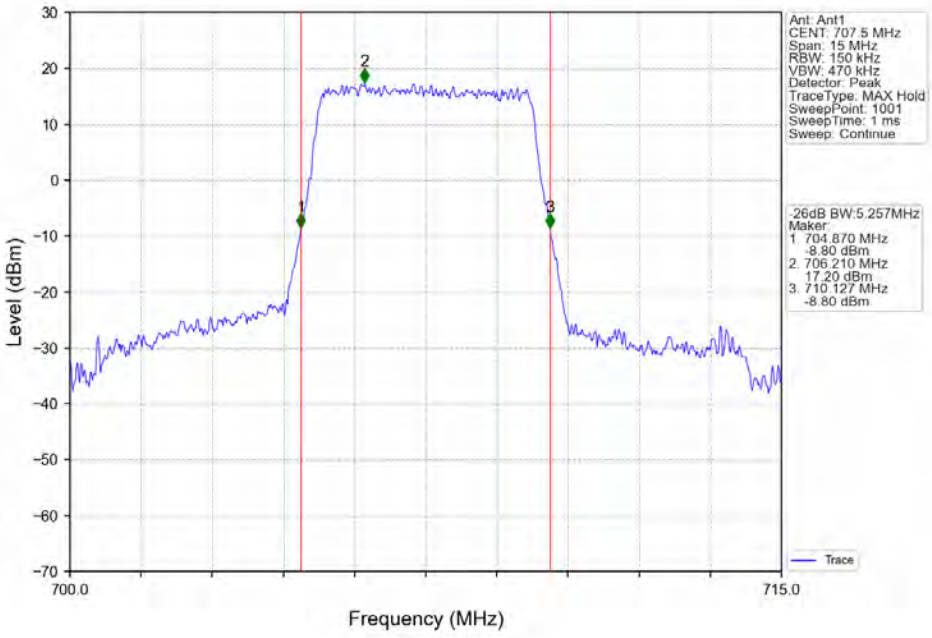
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



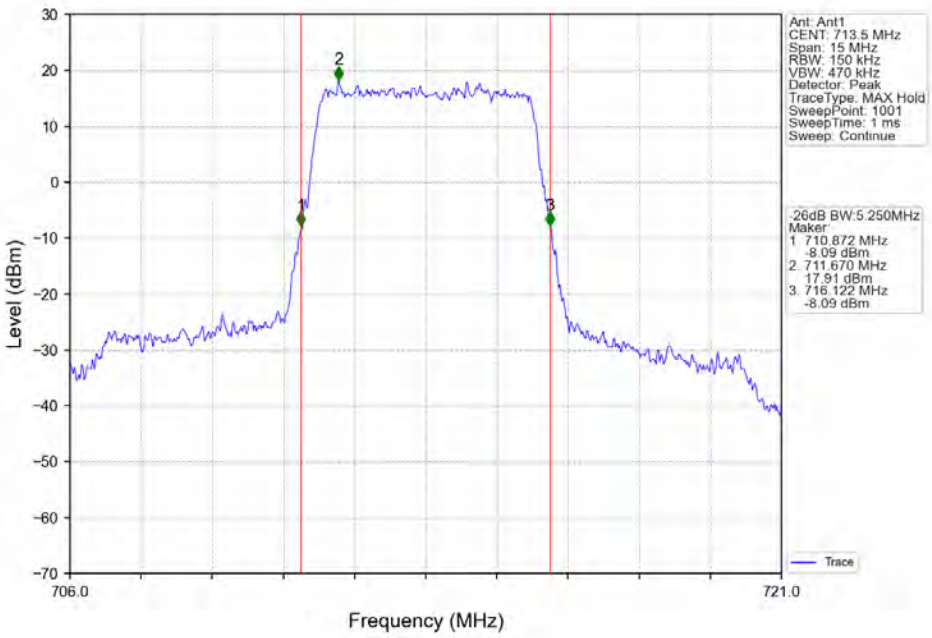
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



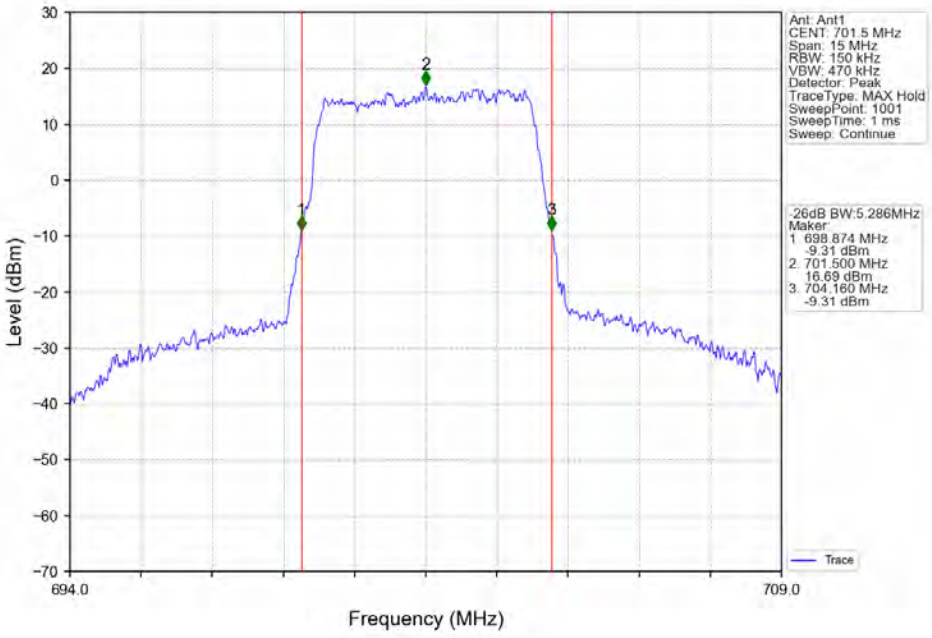
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



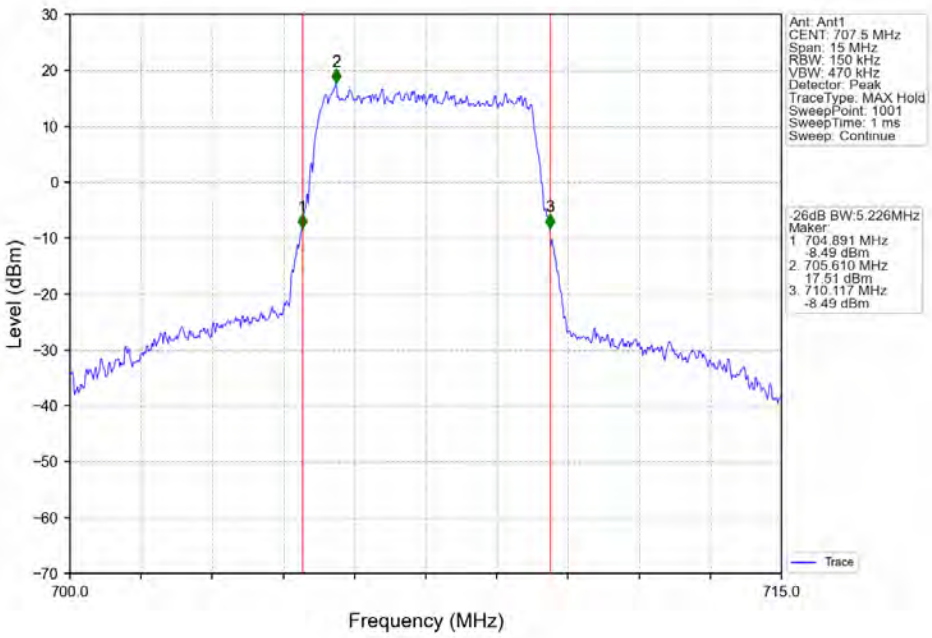
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



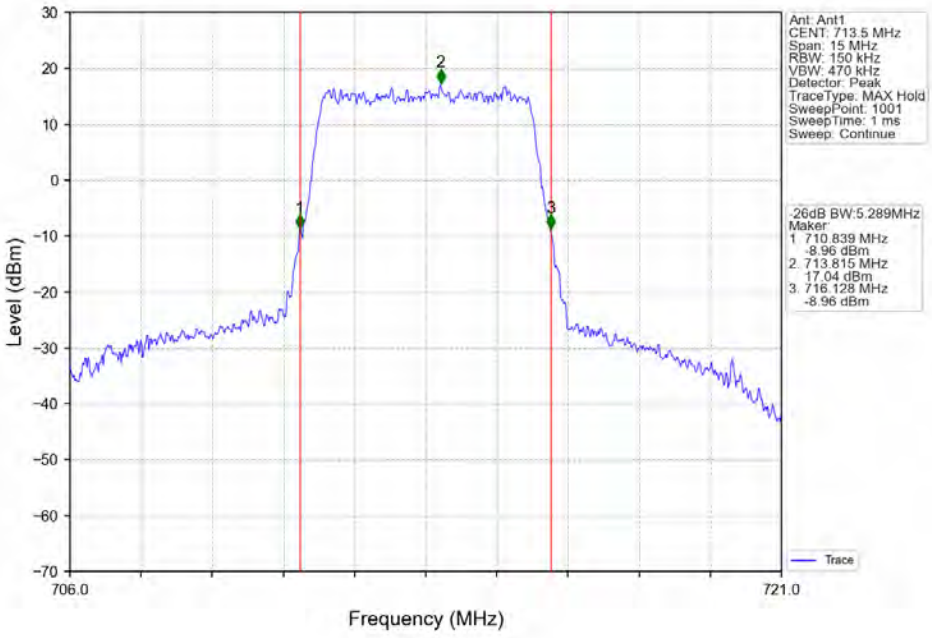
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



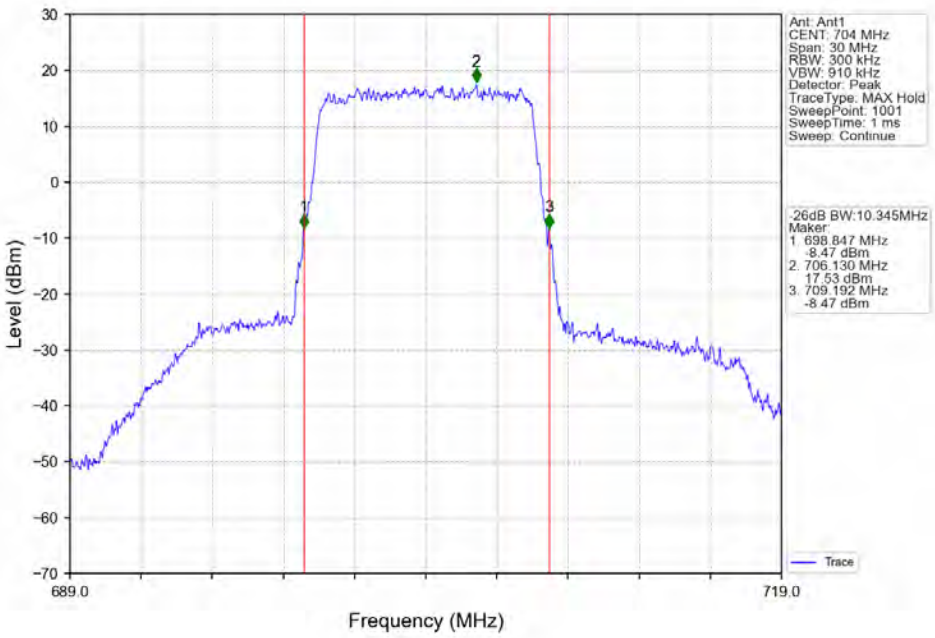
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



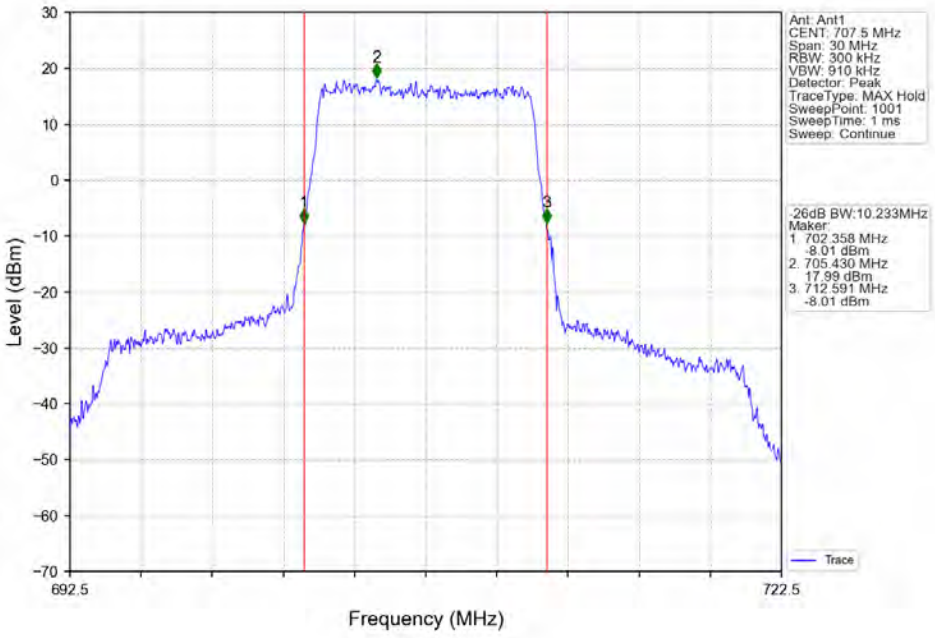
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



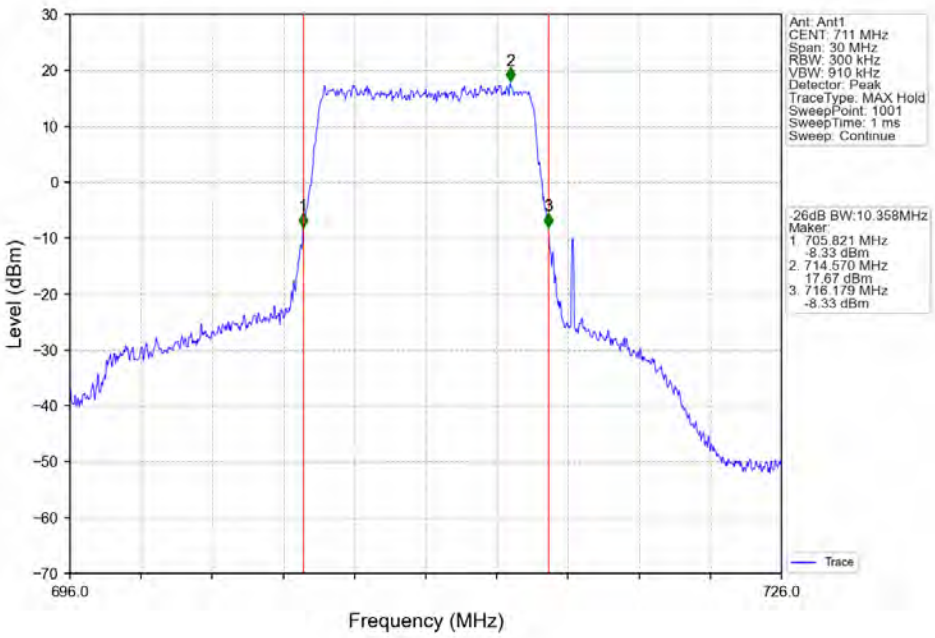
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



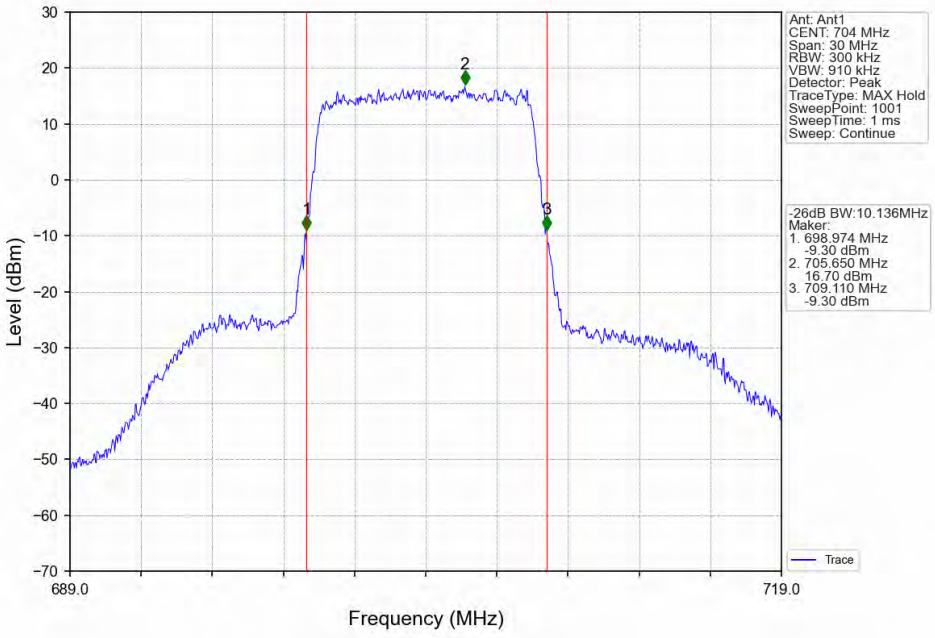
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



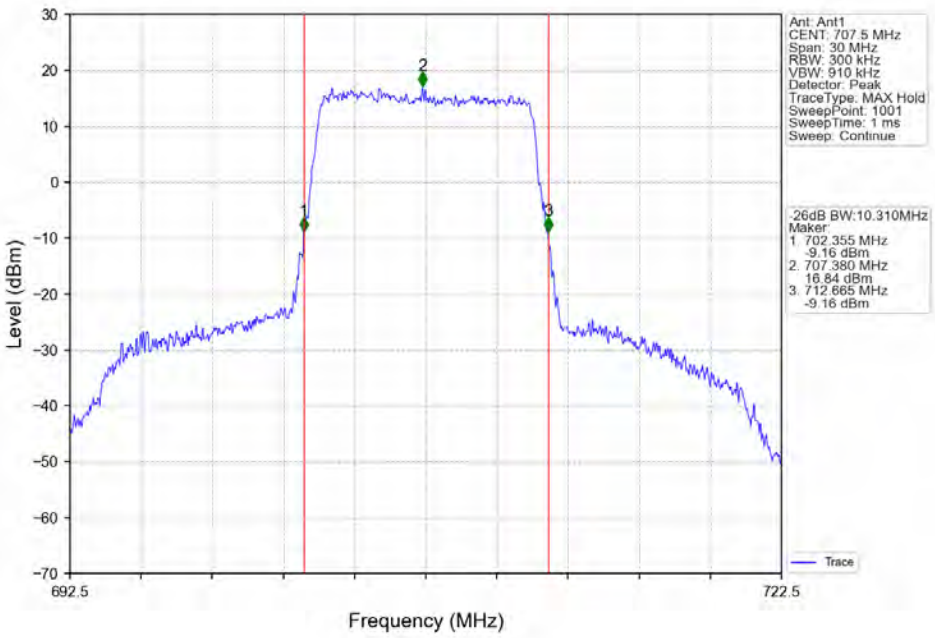
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



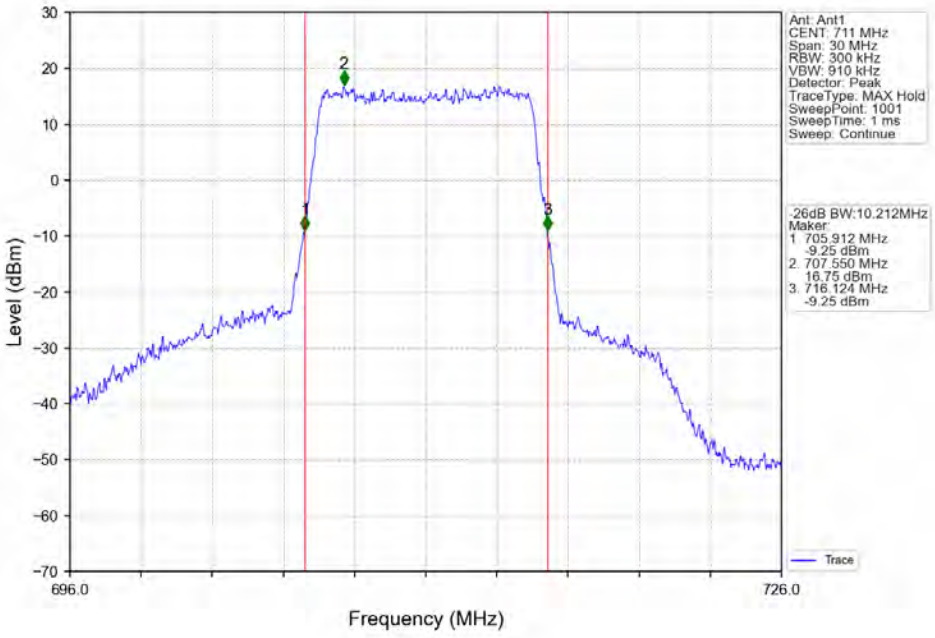
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



5. Peak-Average Ratio

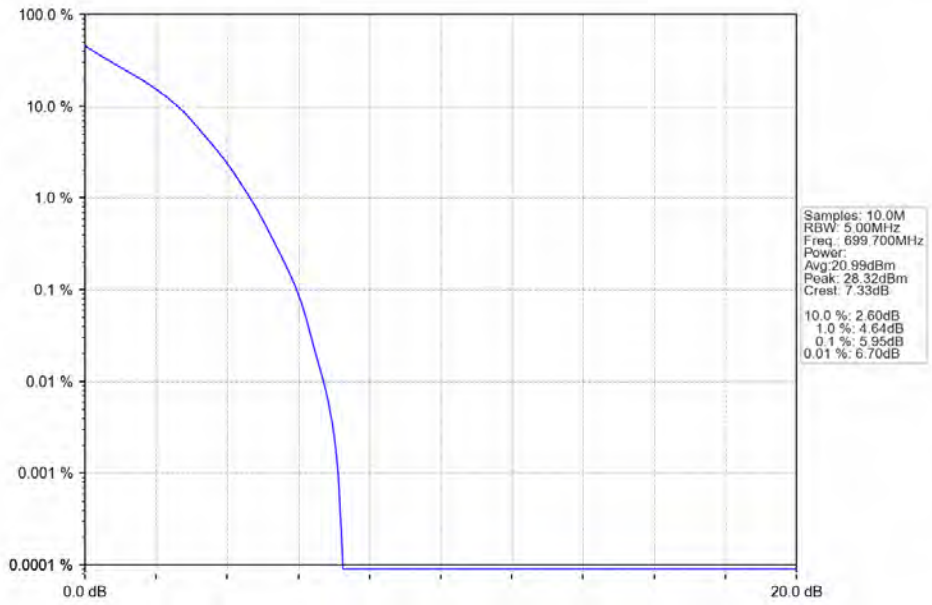
5.1 B12_1.4MHz

5.1.1 Test Result

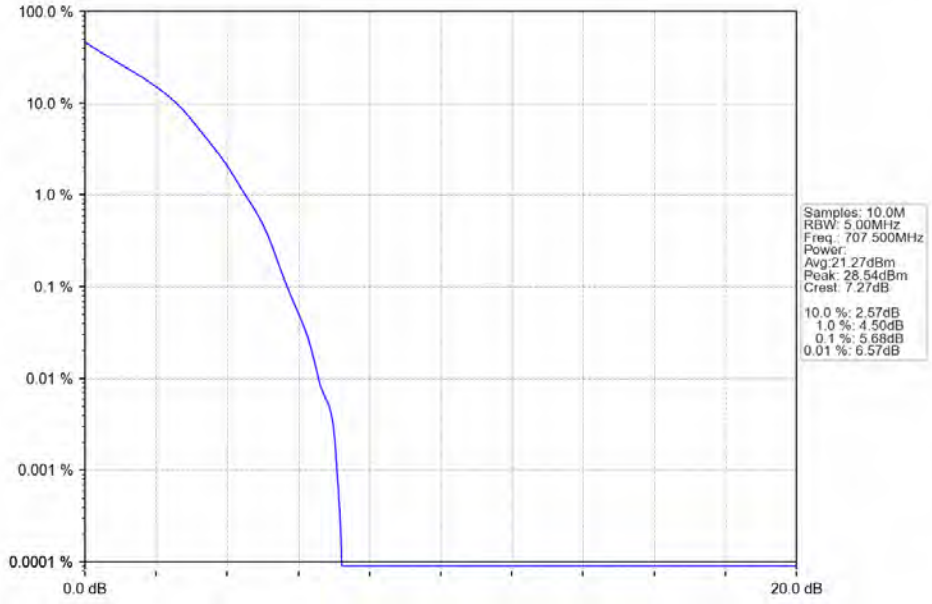
Band: 12 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	699.7	6	0	5.95	<=13	Pass
	707.5	6	0	5.68	<=13	Pass
	715.3	6	0	5.56	<=13	Pass
16QAM	699.7	6	0	6.61	<=13	Pass
	707.5	6	0	6.53	<=13	Pass
	715.3	6	0	6.28	<=13	Pass

5.1.2 Test Graph

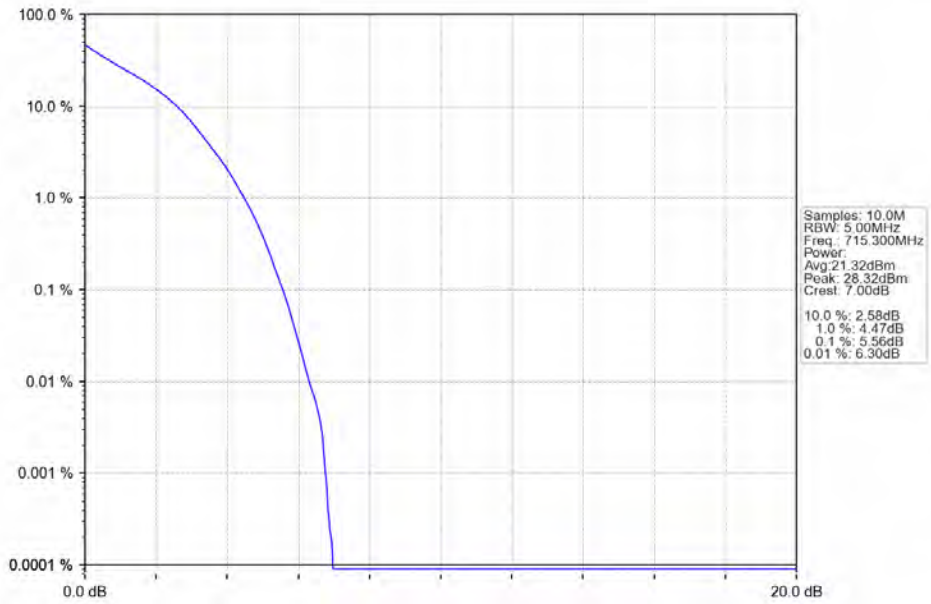
Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV



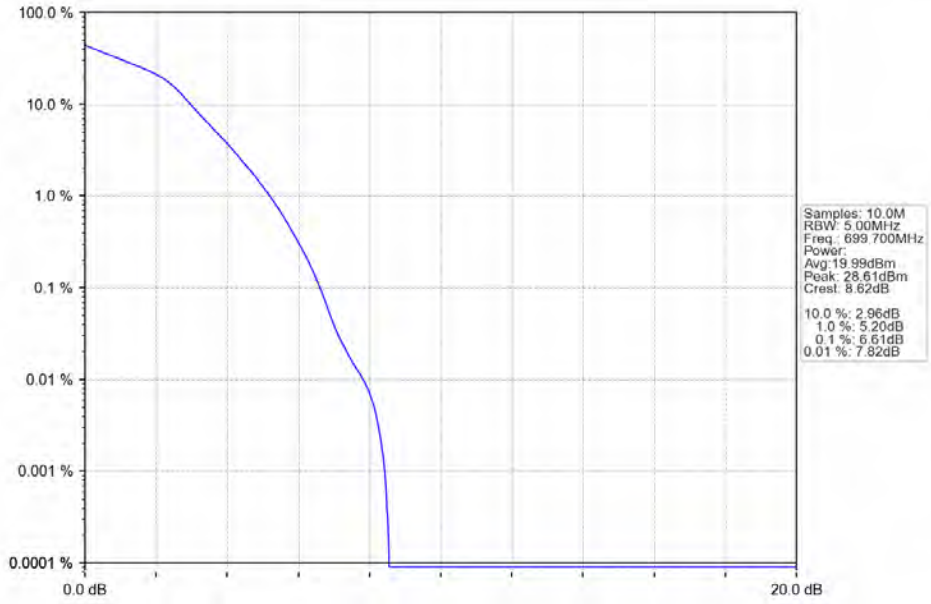
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_6_0_NTNV



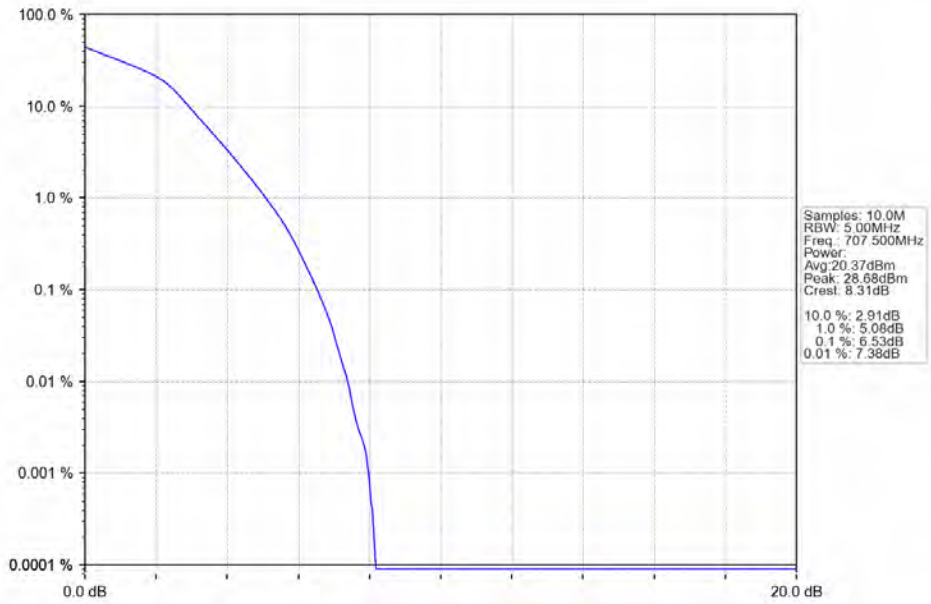
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



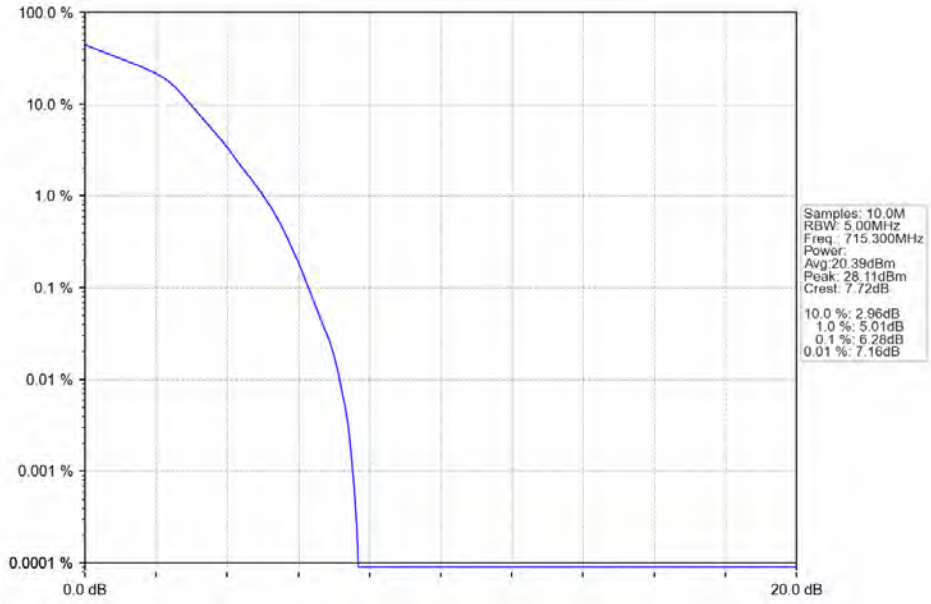
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



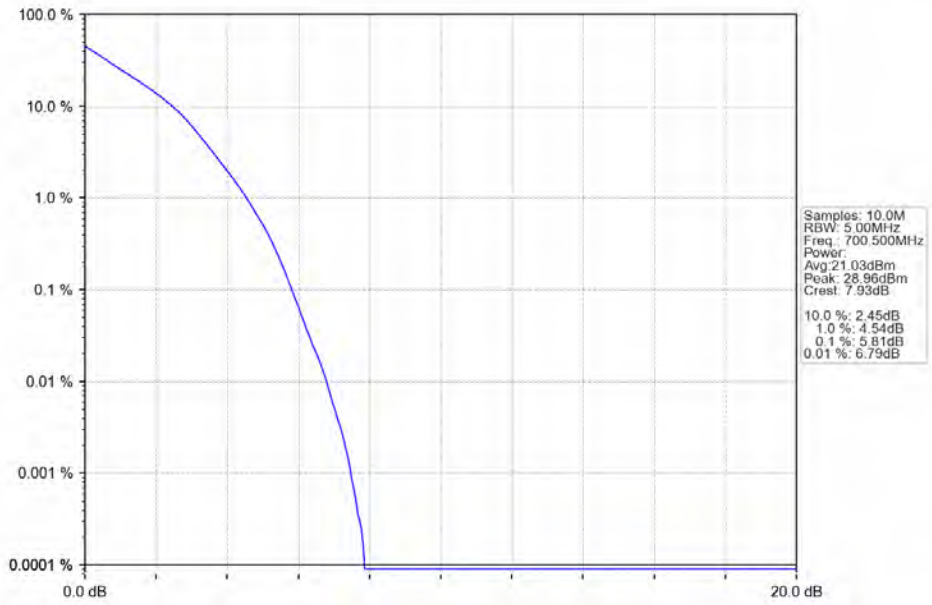
5.2 B12_3MHz

5.2.1 Test Result

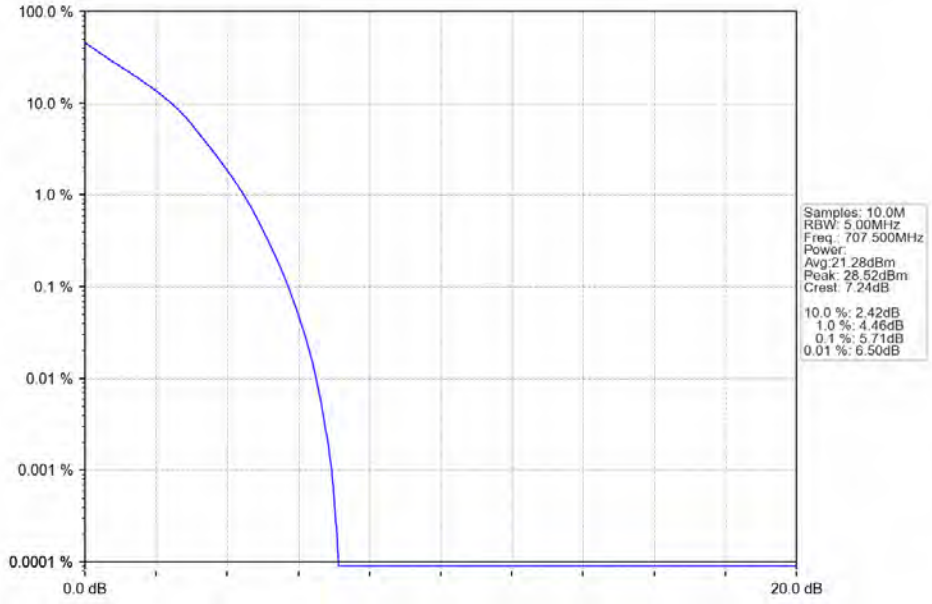
Band: 12 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	700.5	15	0	5.81	<=13	Pass
	707.5	15	0	5.71	<=13	Pass
	714.5	15	0	5.70	<=13	Pass
16QAM	700.5	15	0	6.60	<=13	Pass
	707.5	15	0	6.54	<=13	Pass
	714.5	15	0	6.47	<=13	Pass

5.2.2 Test Graph

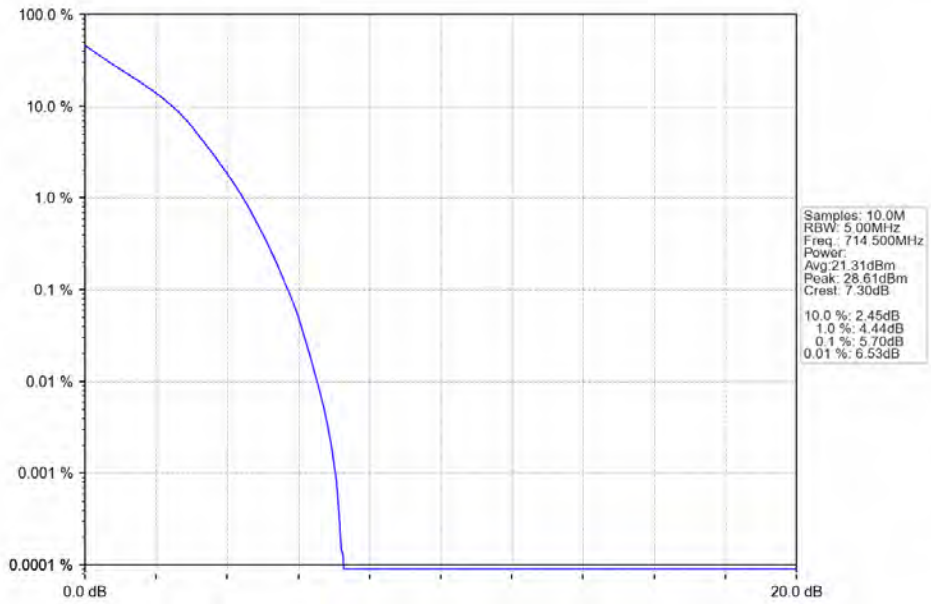
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



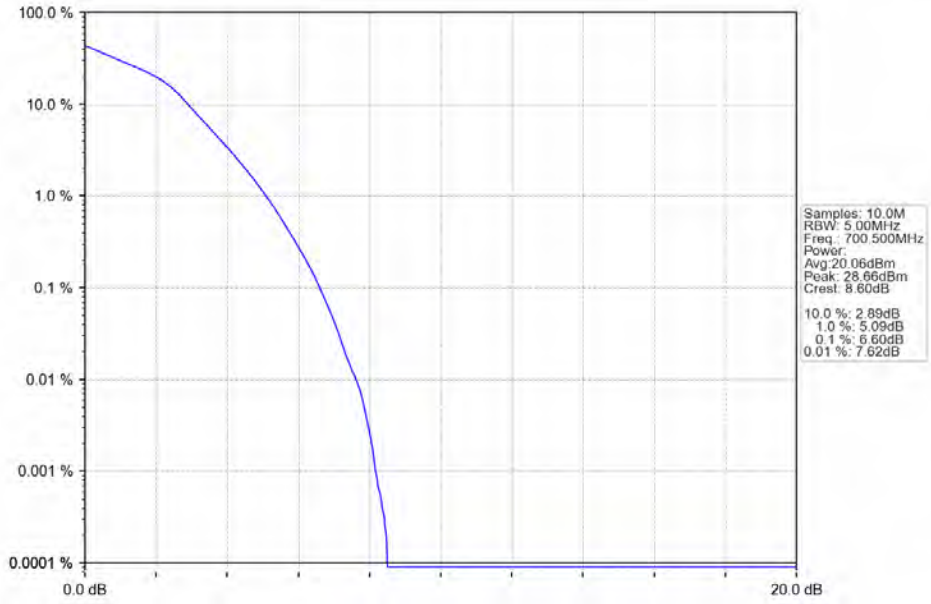
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



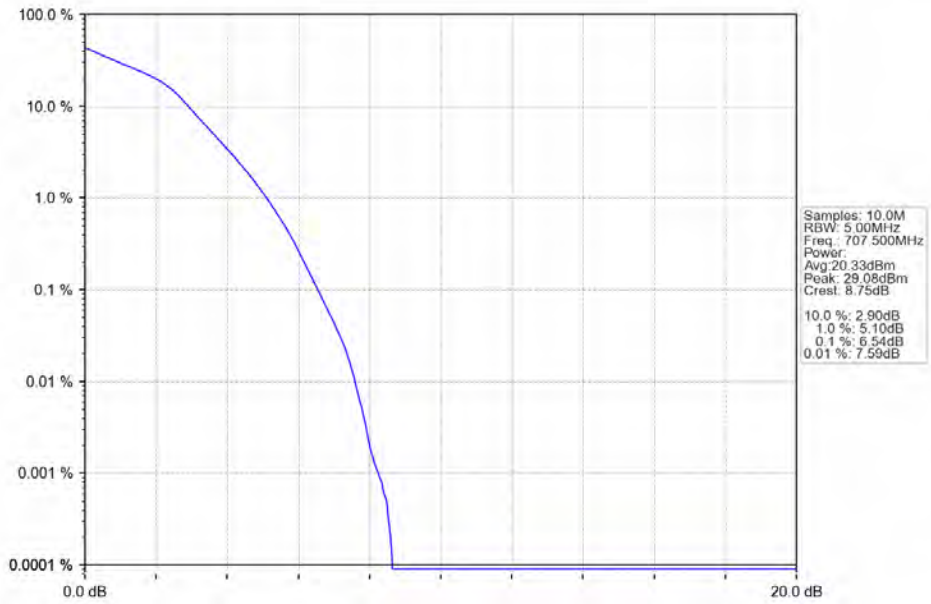
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



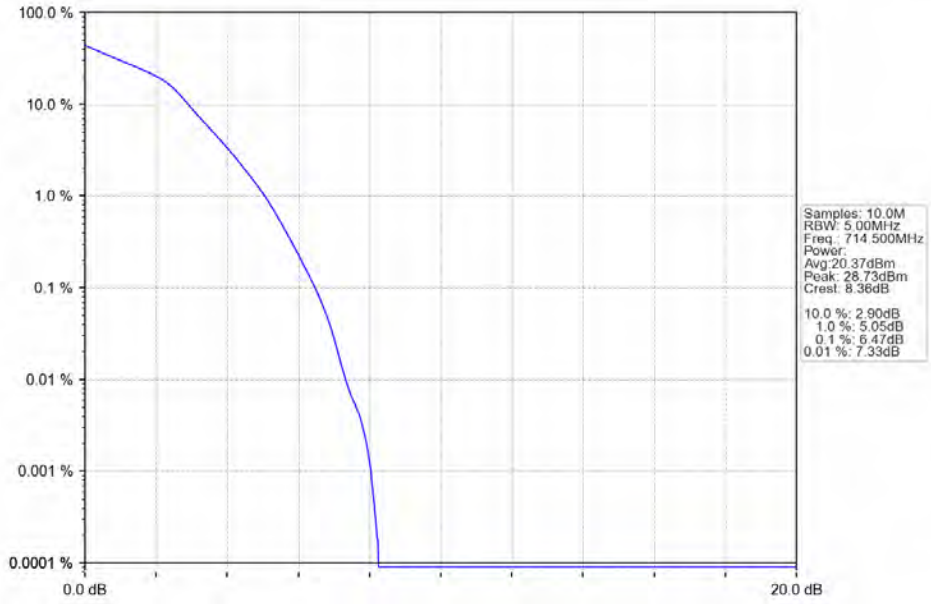
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



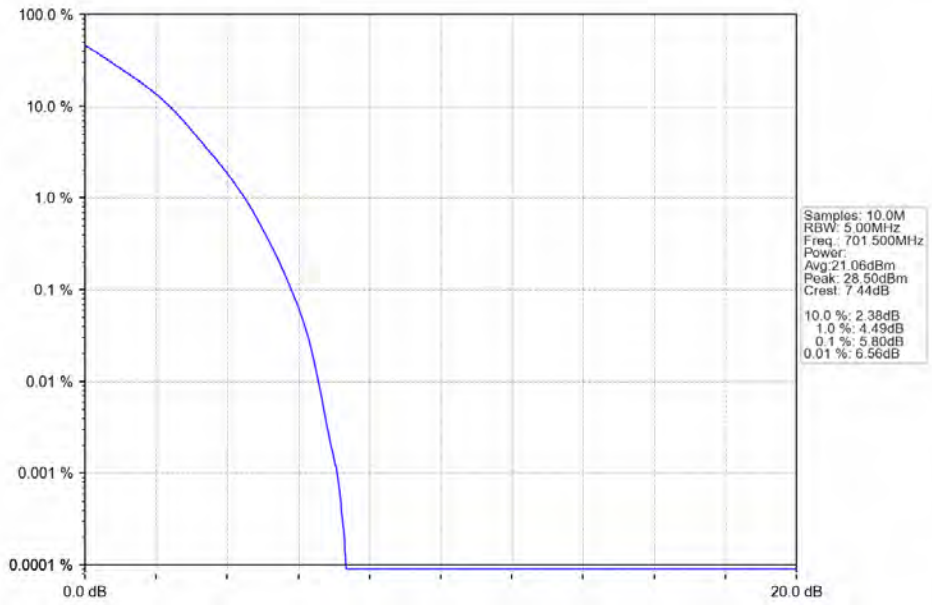
5.3 B12_5MHz

5.3.1 Test Result

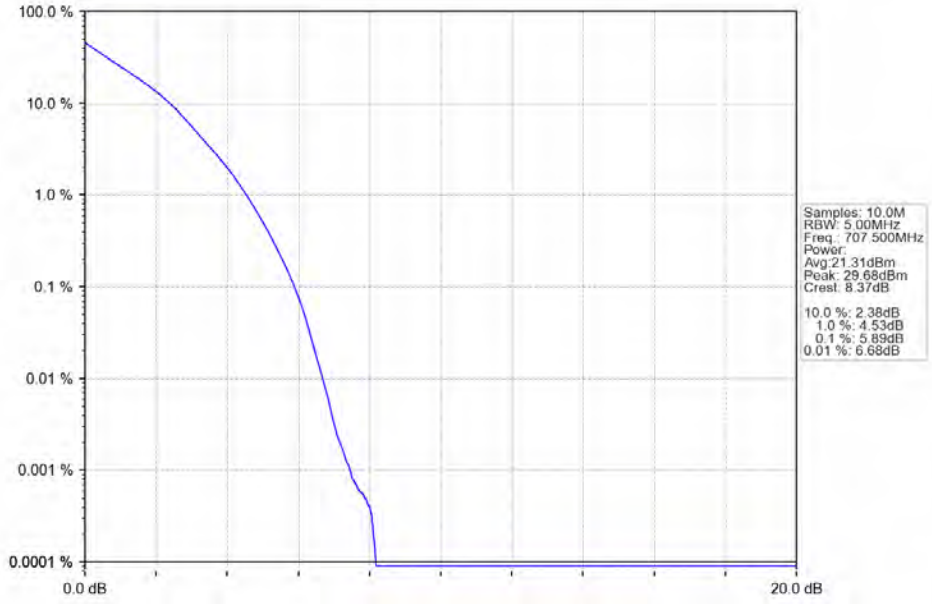
Band: 12 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	701.5	25	0	5.80	<=13	Pass
	707.5	25	0	5.89	<=13	Pass
	713.5	25	0	5.83	<=13	Pass
16QAM	701.5	25	0	6.49	<=13	Pass
	707.5	25	0	6.52	<=13	Pass
	713.5	25	0	6.46	<=13	Pass

5.3.2 Test Graph

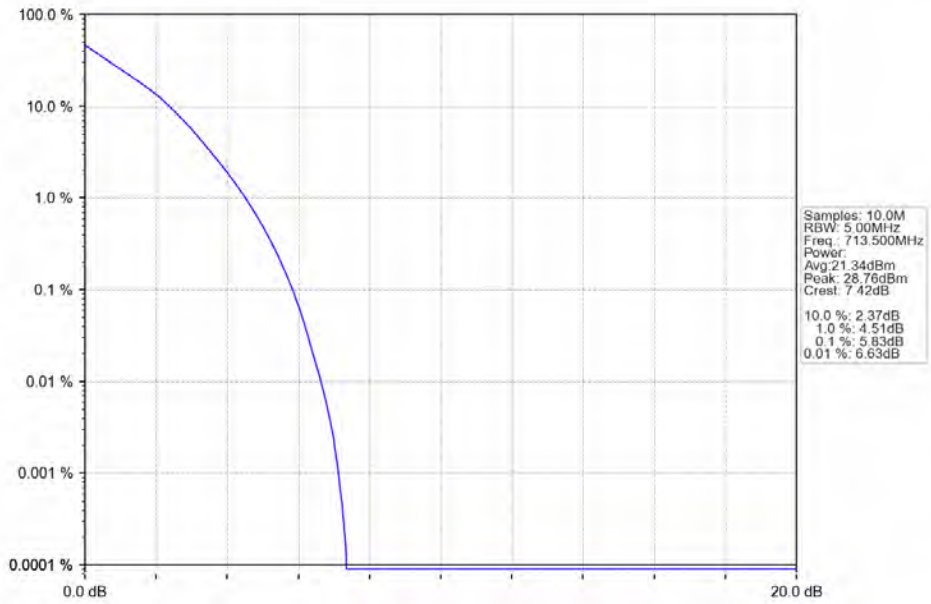
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



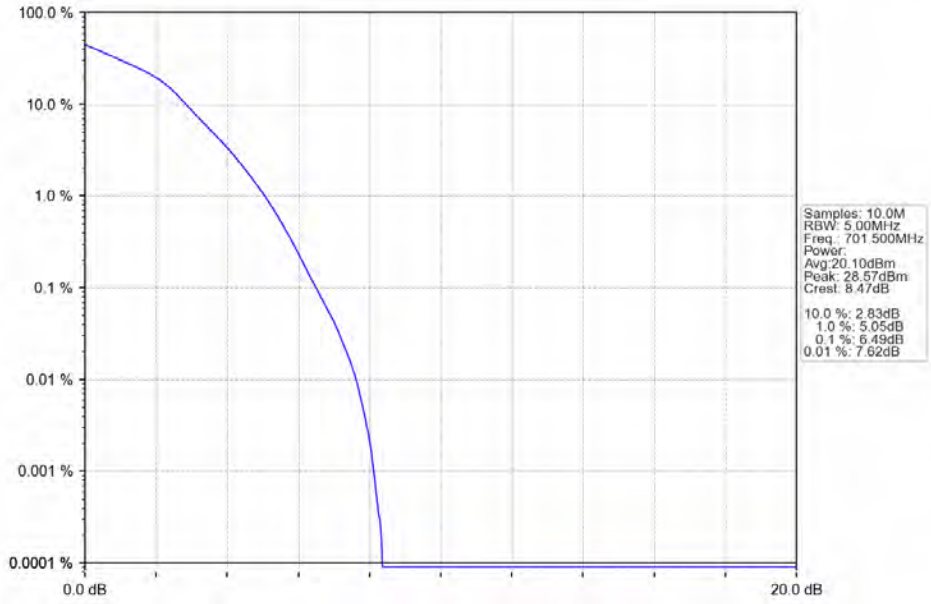
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



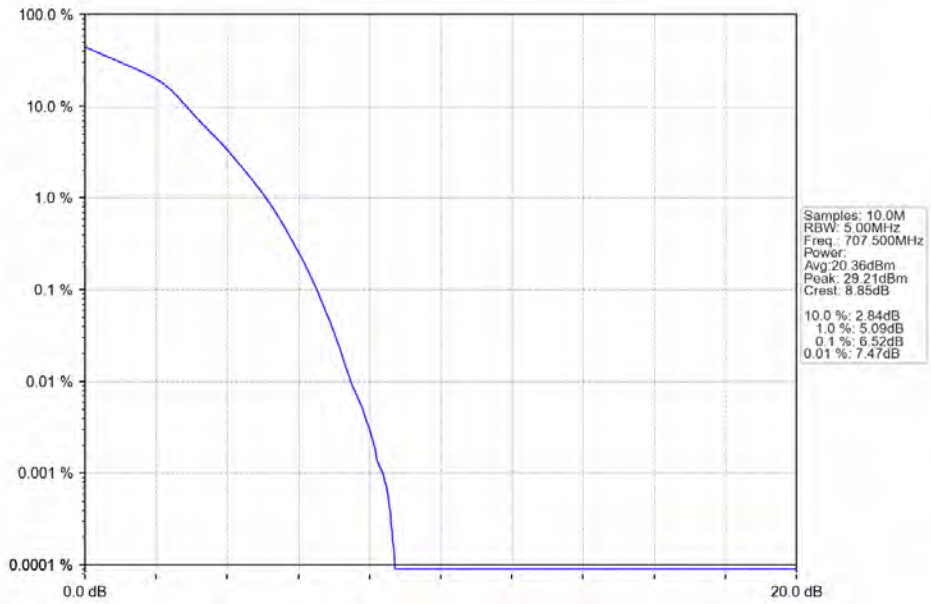
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



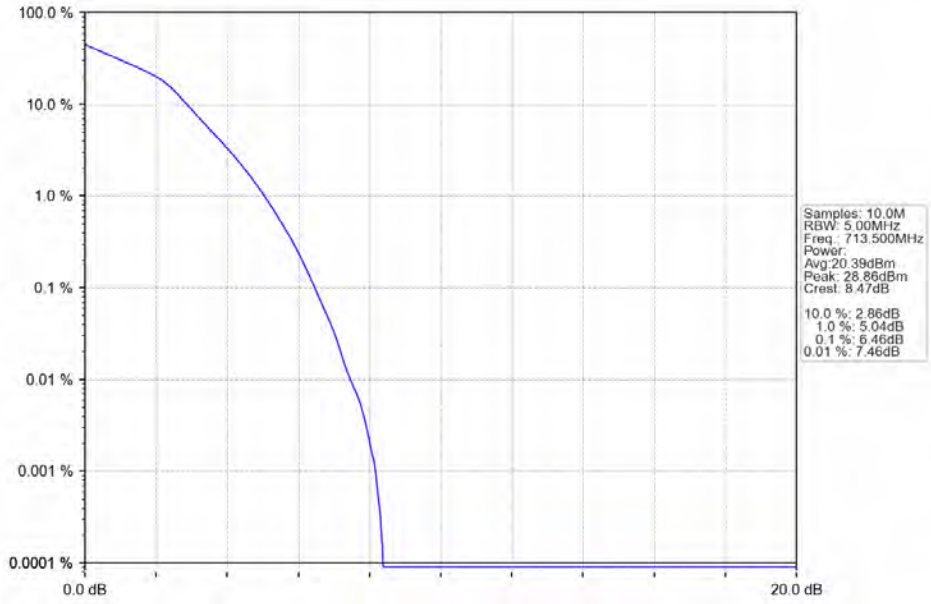
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



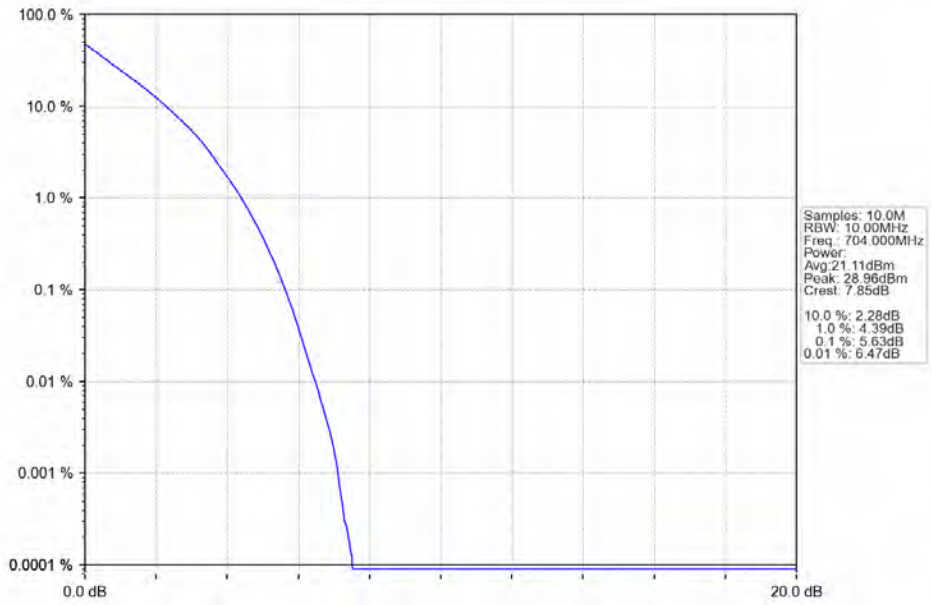
5.4 B12_10MHz

5.4.1 Test Result

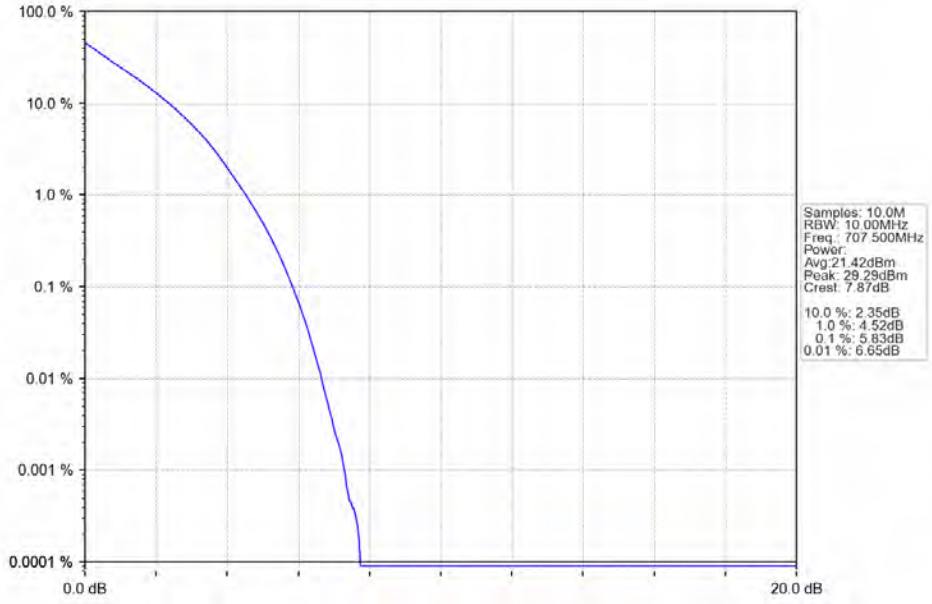
Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	704	50	0	5.63	<=13	Pass
	707.5	50	0	5.83	<=13	Pass
	711	50	0	5.90	<=13	Pass
16QAM	704	50	0	6.41	<=13	Pass
	707.5	50	0	6.55	<=13	Pass
	711	50	0	6.56	<=13	Pass

5.4.2 Test Graph

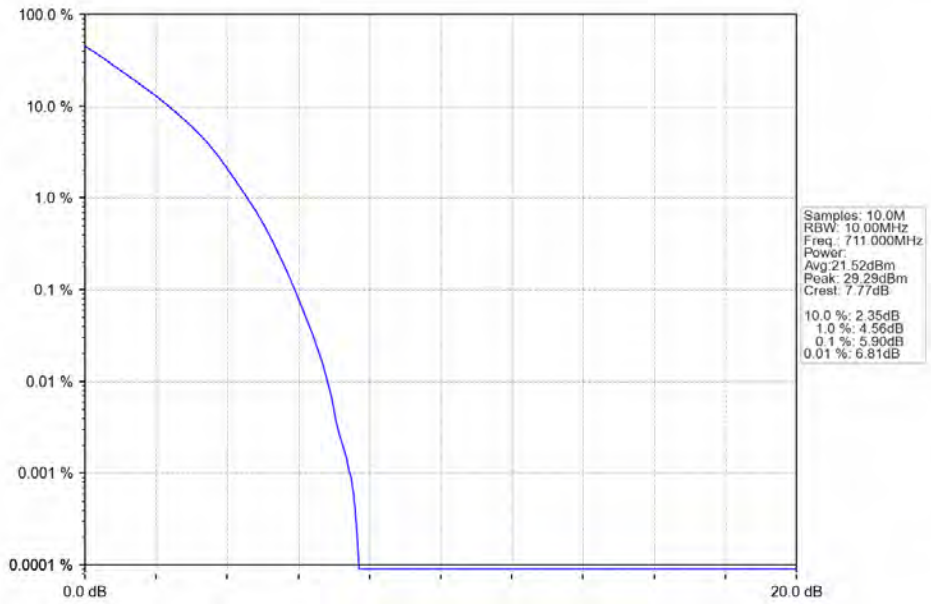
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



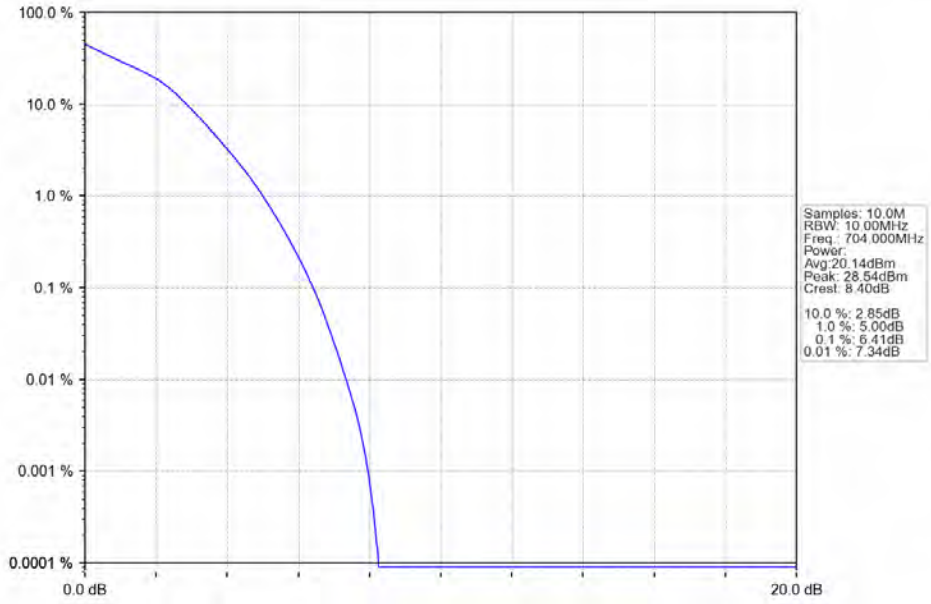
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



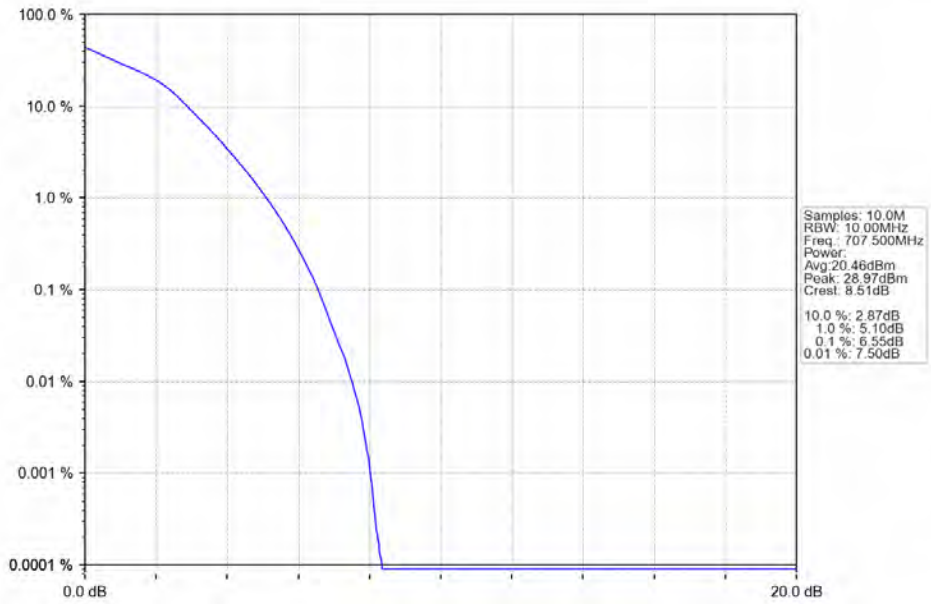
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



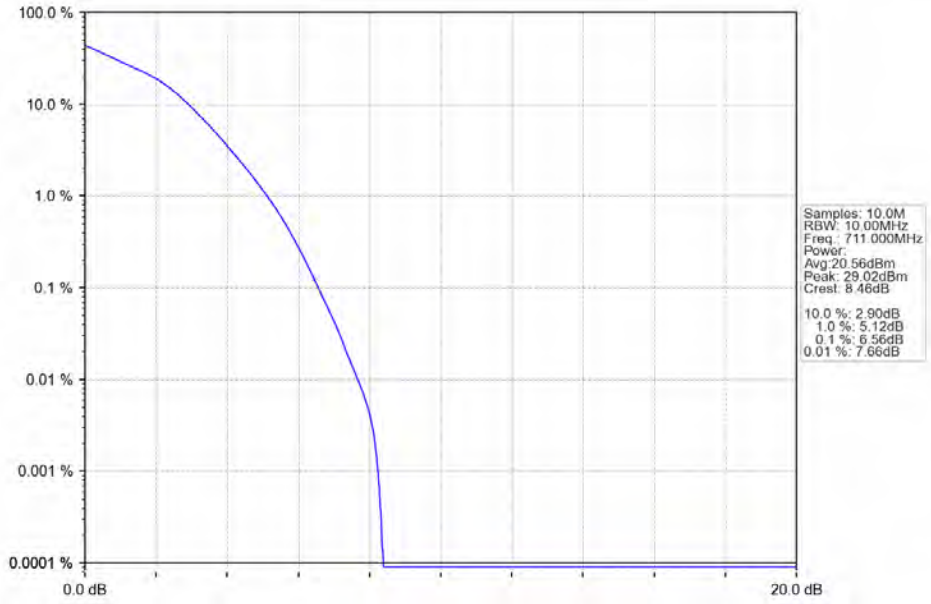
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



6. Spurious Emission

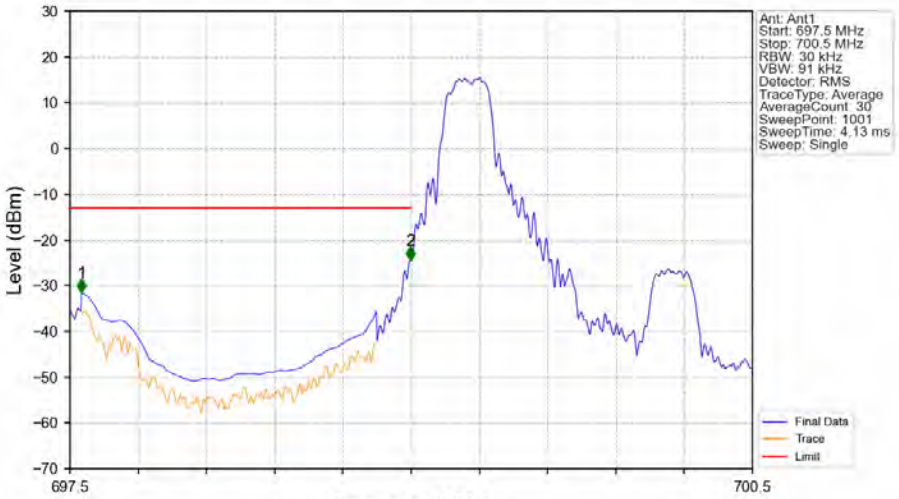
6.1 B12_1.4MHz

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

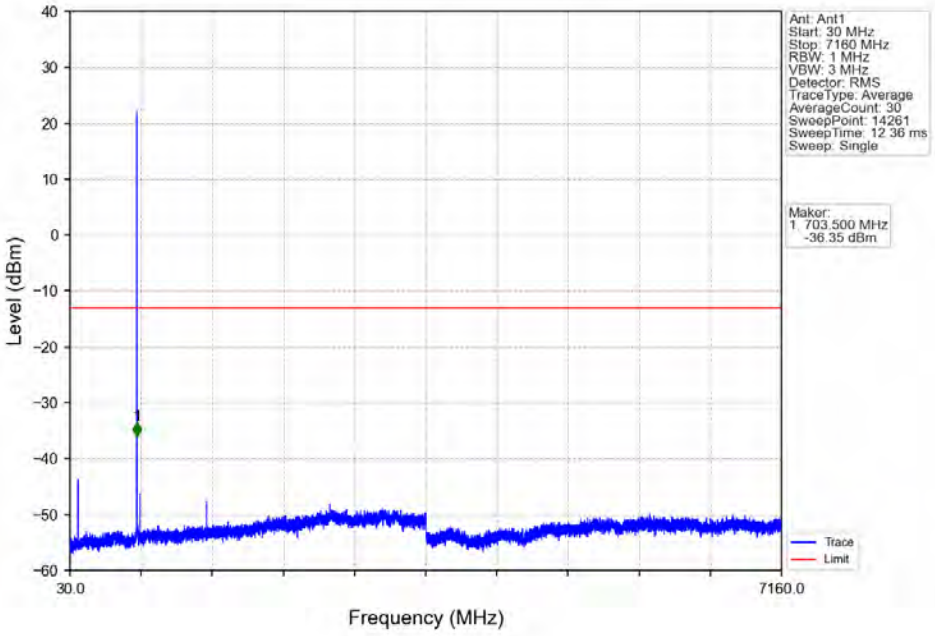
6.1.2 Test Graph

Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_1_0_NTNV

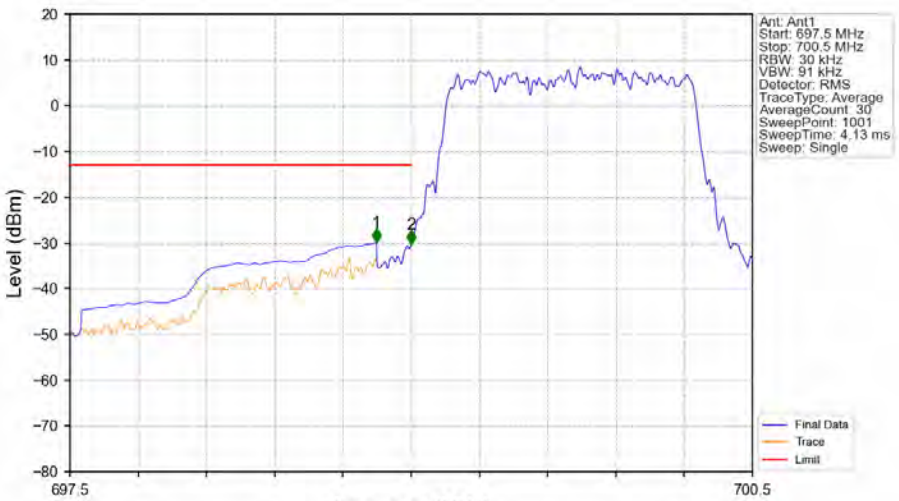


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
697.5	698.9	0.1	CHP	1	697.551	-31.50	-13	Pass
698.9	699	0.03	/	2	698.997	-24.52	-13	Pass
699	700.5	0.03	/	/	/	/	/	/

Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_1_0_NTNV

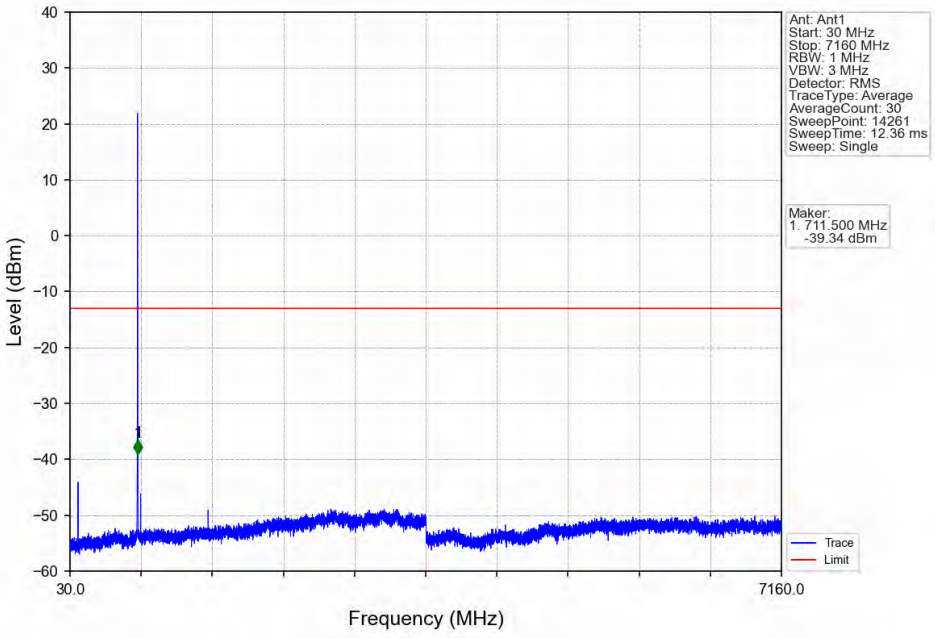


Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV

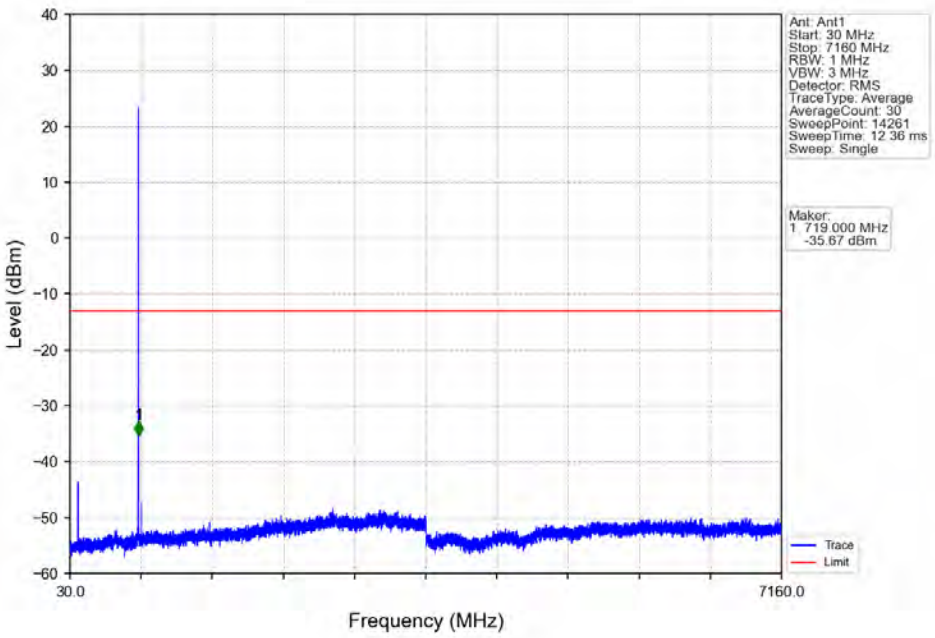


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
697.5	698.9	0.1	CHP	1	698.847	-29.93	-13	Pass
698.9	699	0.03	/	2	699.000	-30.29	-13	Pass
699	700.5	0.03	/	/	/	/	/	/

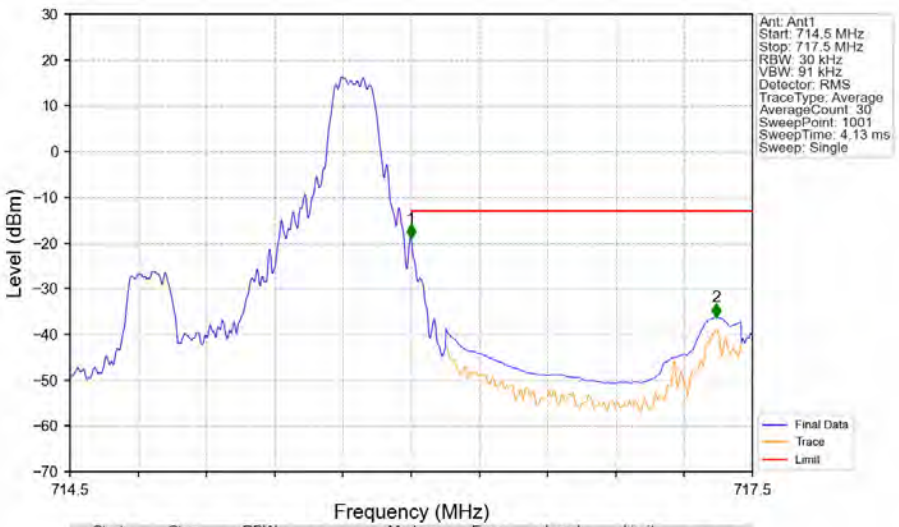
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_0_NTNV

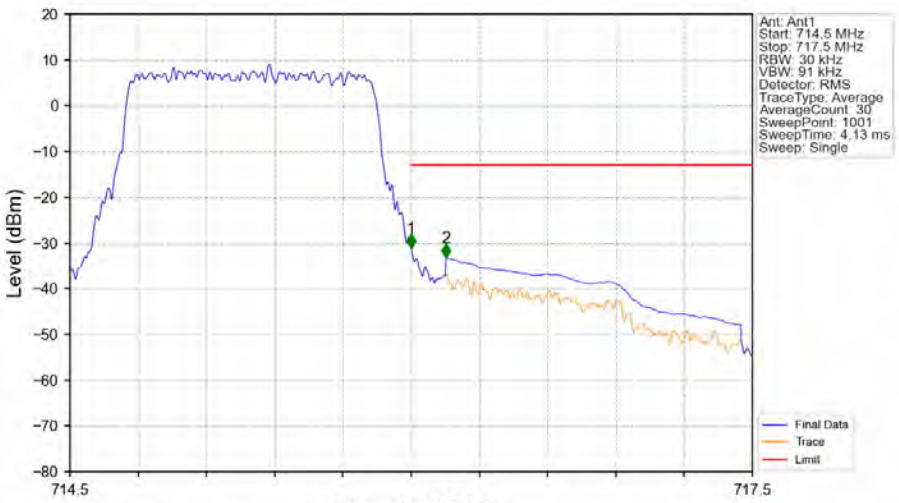


Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_5_NTNV



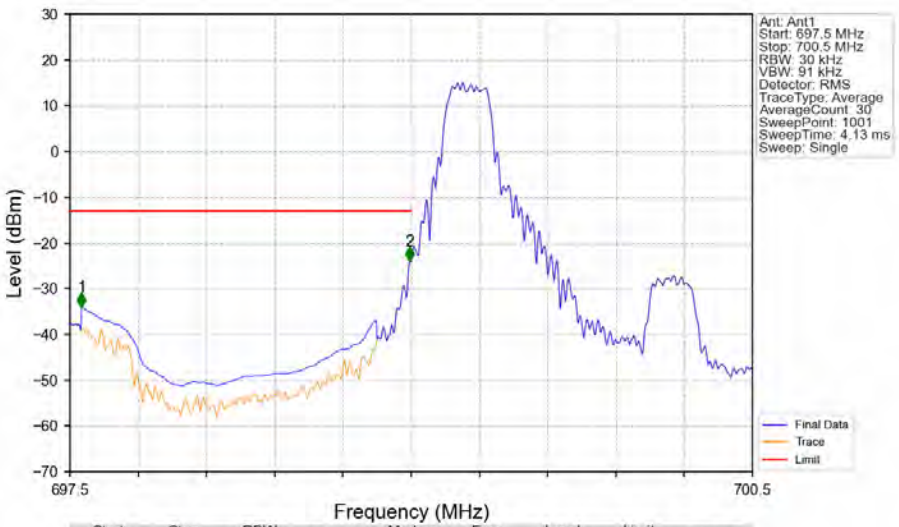
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
714.5	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-19.00	-13	Pass
716.1	717.5	0.1	CHP	2	717.341	-36.22	-13	Pass

Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



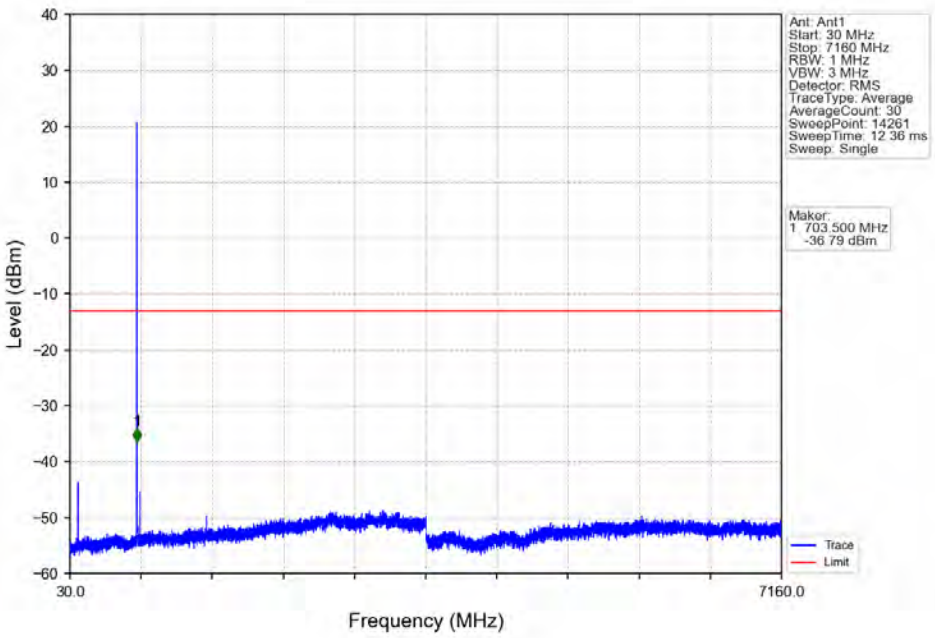
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
714.5	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-31.16	-13	Pass
716.1	717.5	0.1	CHP	2	716.153	-33.33	-13	Pass

Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_1_0_NTNV

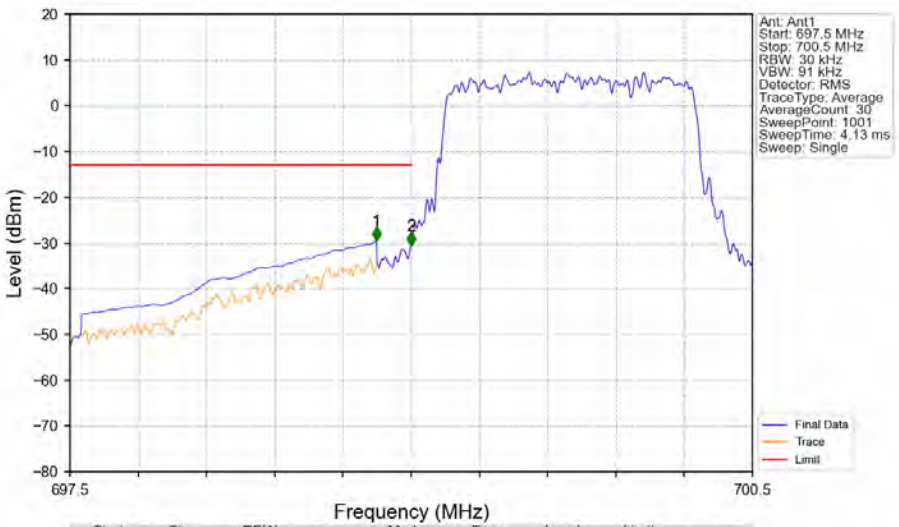


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
697.5	698.9	0.1	CHP	1	697.551	-33.99	-13	Pass
698.9	699	0.03	/	2	698.994	-24.04	-13	Pass
699	700.5	0.03	/	/	/	/	/	/

Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_1_0_NTNV

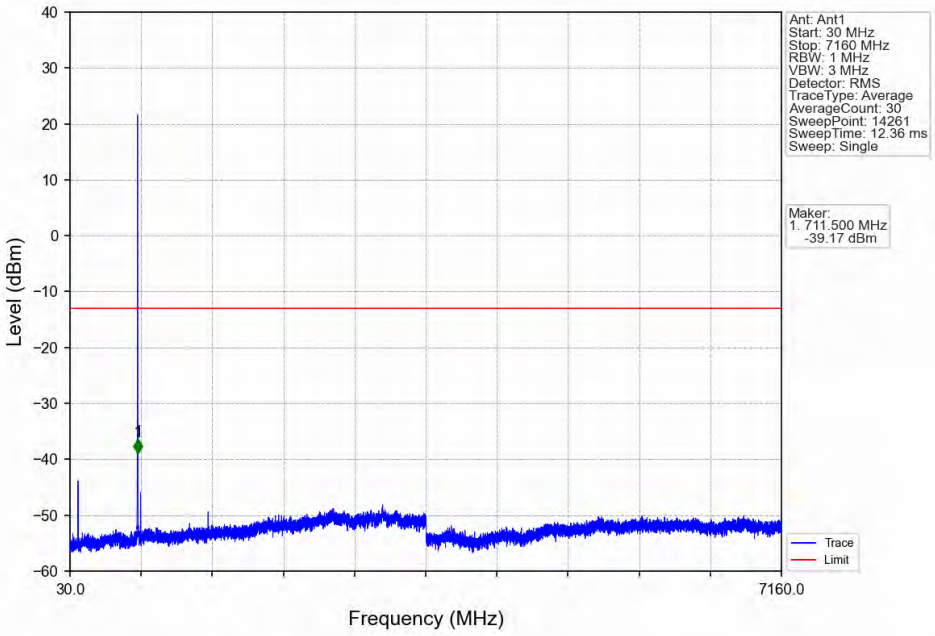


Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV

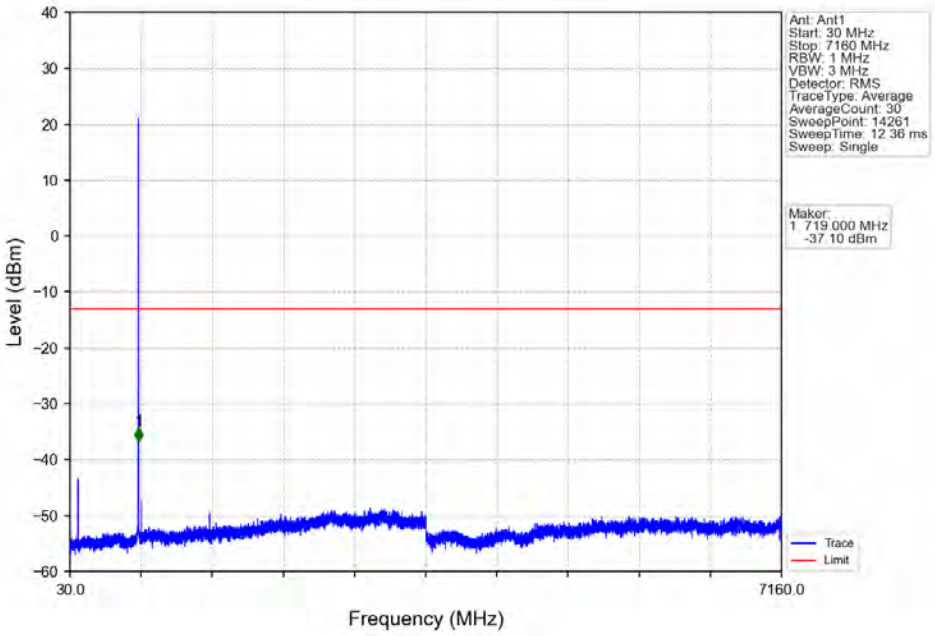


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
697.5	698.9	0.1	CHP	1	698.847	-29.63	-13	Pass
698.9	699	0.03	/	2	699.000	-30.70	-13	Pass
699	700.5	0.03	/	/	/	/	/	/

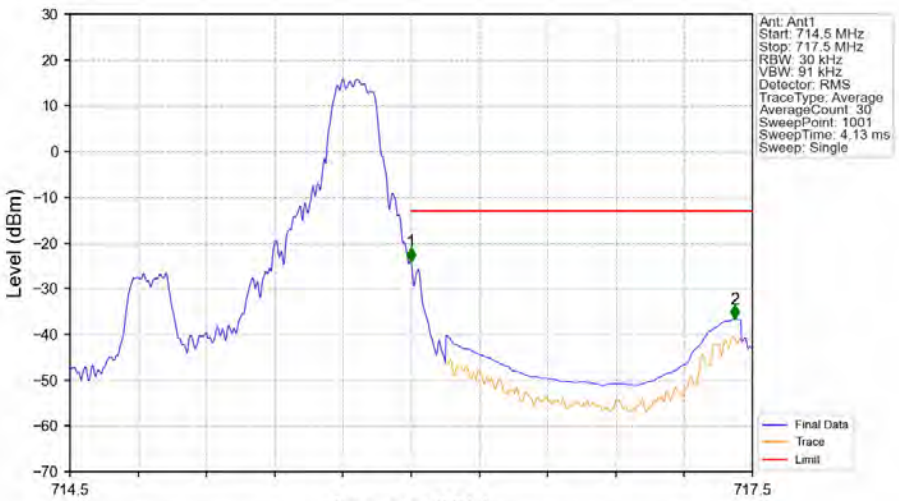
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_1_0_NTNV

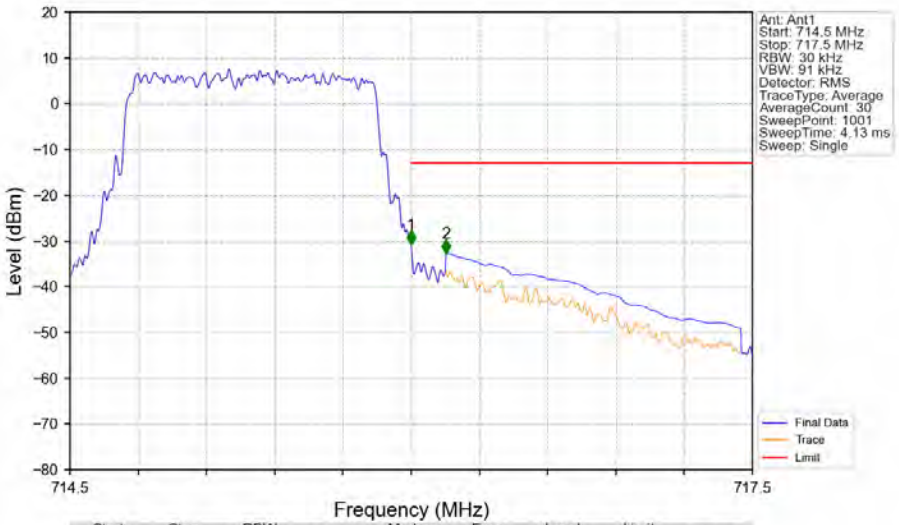


Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_1_5_NTNV



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	-24.09	-13	Pass
716.1	717.5	0.1	CHP	2	717.422	-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	-30.76	-13	Pass
716.1	717.5	0.1	CHP	2	716.153	-32.79	-13	Pass

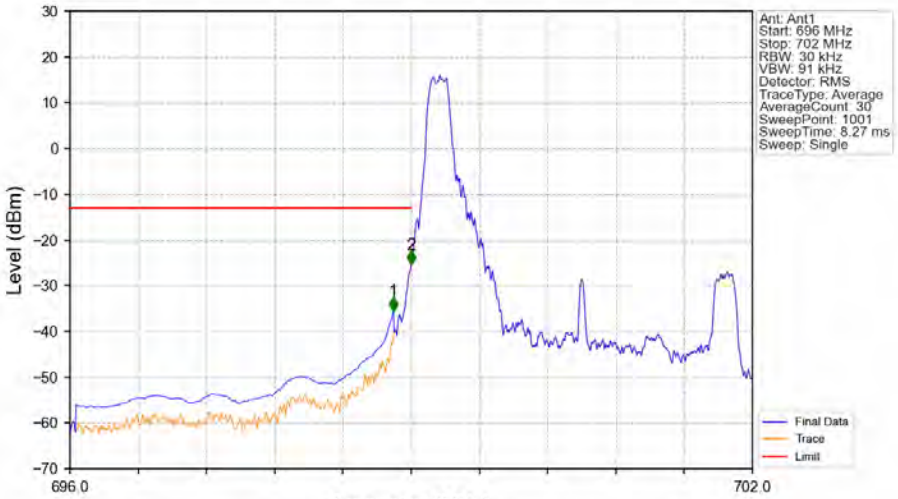
6.2 B12_3MHz

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

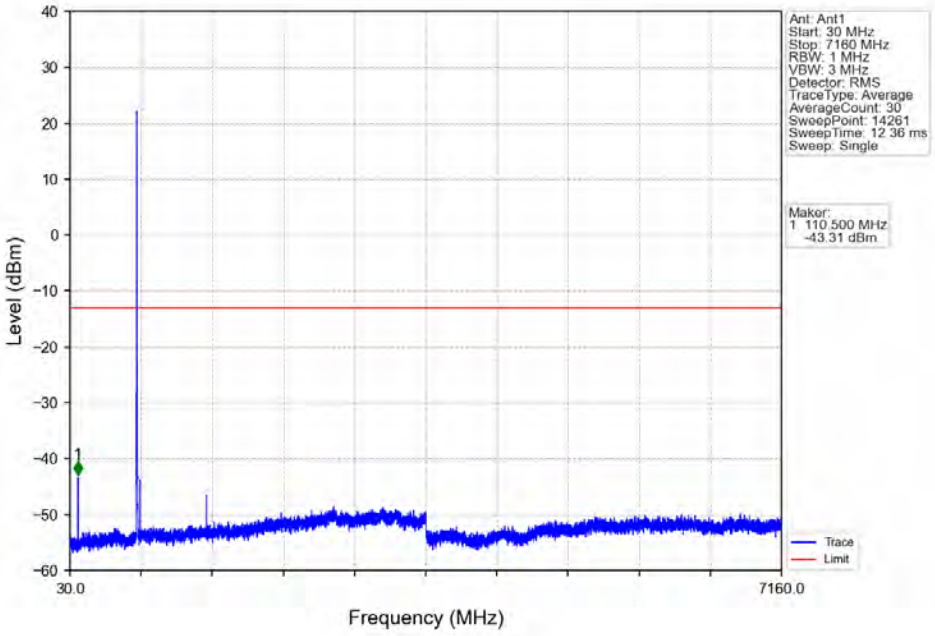
6.2.2 Test Graph

Band12_3MHz_QPSK_LCH_700.5MHz_RB_1_0_NTNV

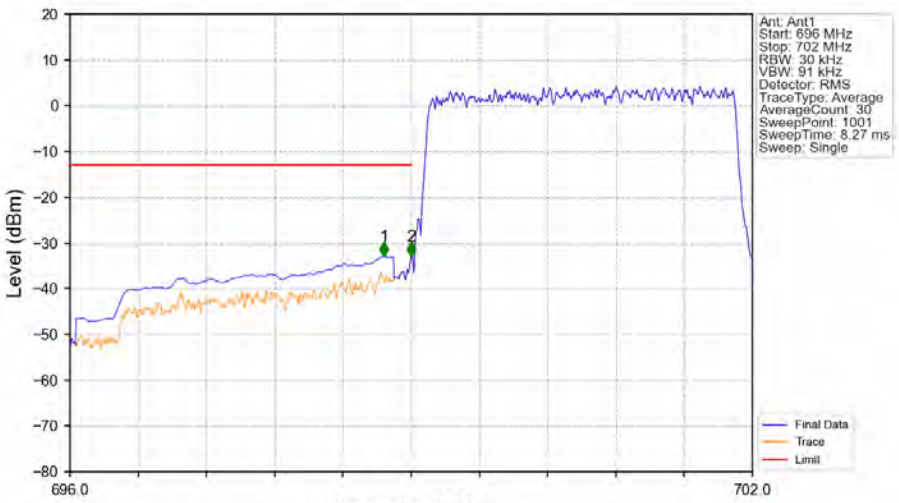


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-35.54	-13	Pass
698.9	699	0.03	/	2	699.000	-25.33	-13	Pass
699	702	0.03	/	/	/	/	/	/

Band12_3MHz_QPSK_LCH_700.5MHz_RB_1_0_NTNV

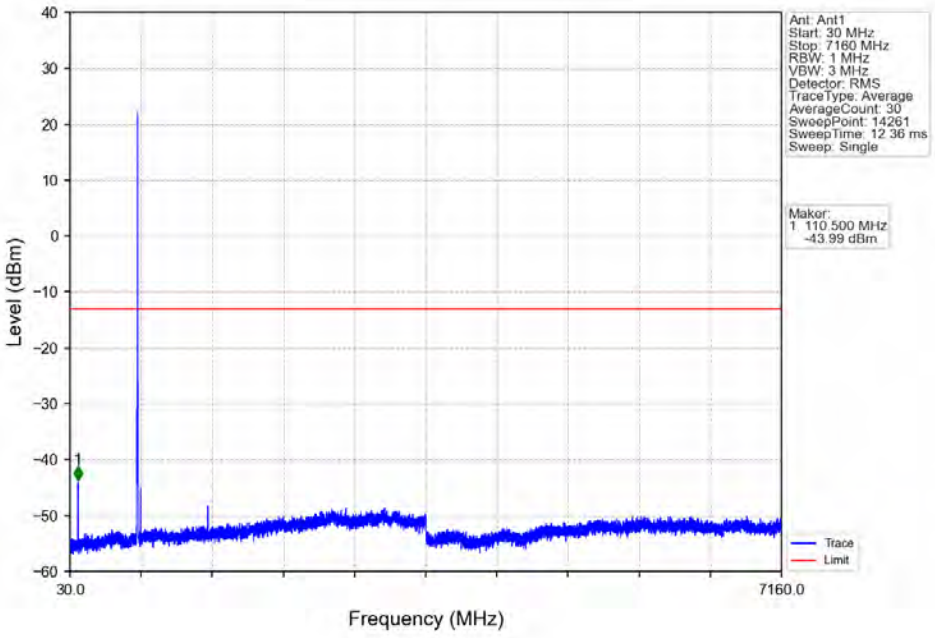


Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV

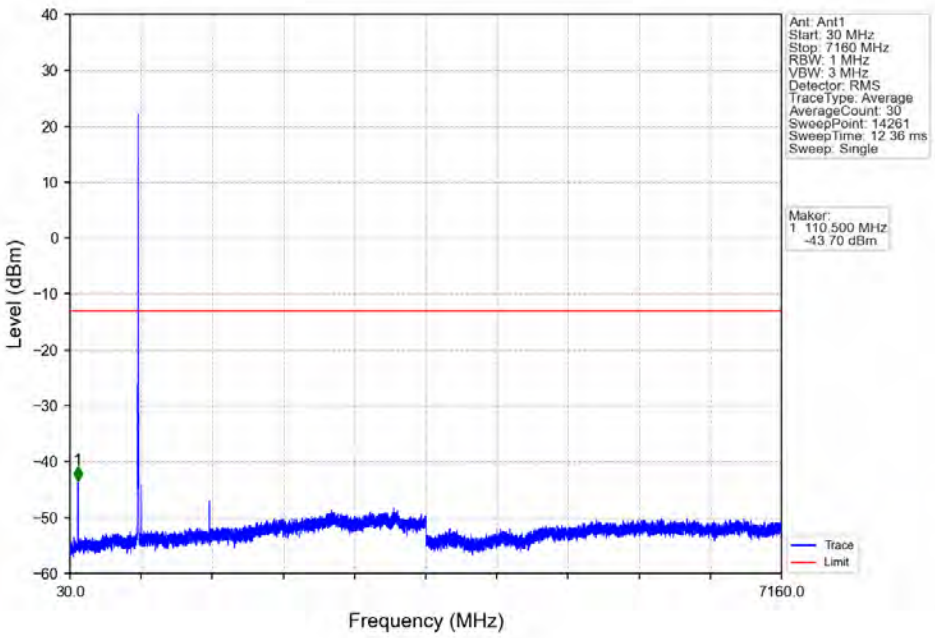


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.760	-32.90	-13	Pass
698.9	699	0.03	/	2	699.000	-32.93	-13	Pass
699	702	0.03	/	/	/	/	/	/

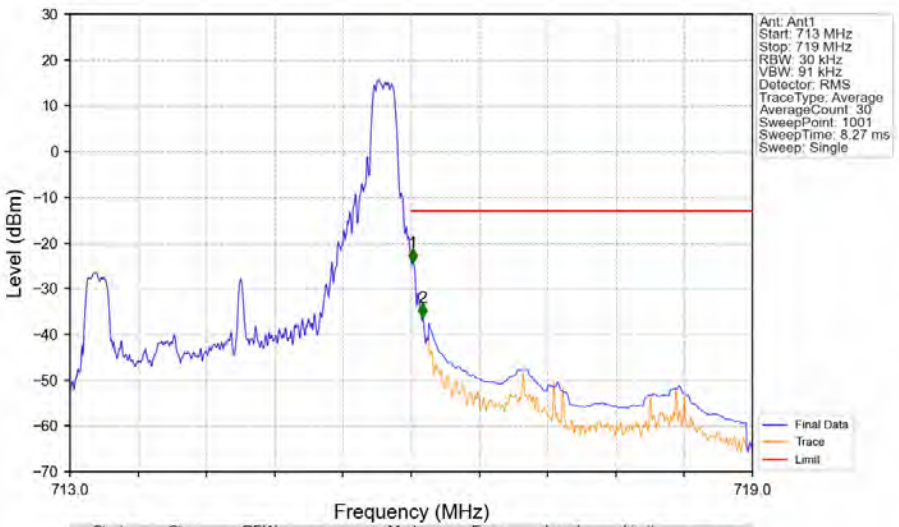
Band12_3MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_0_NTNV

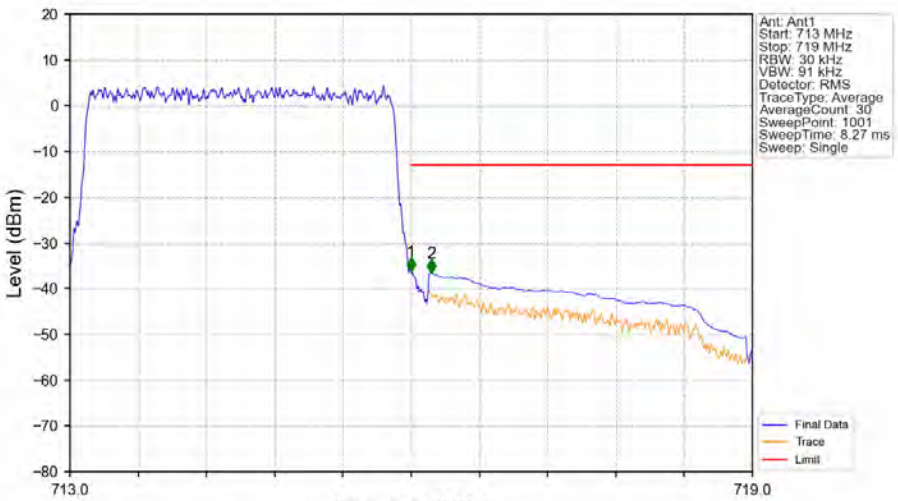


Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_14_NTNV



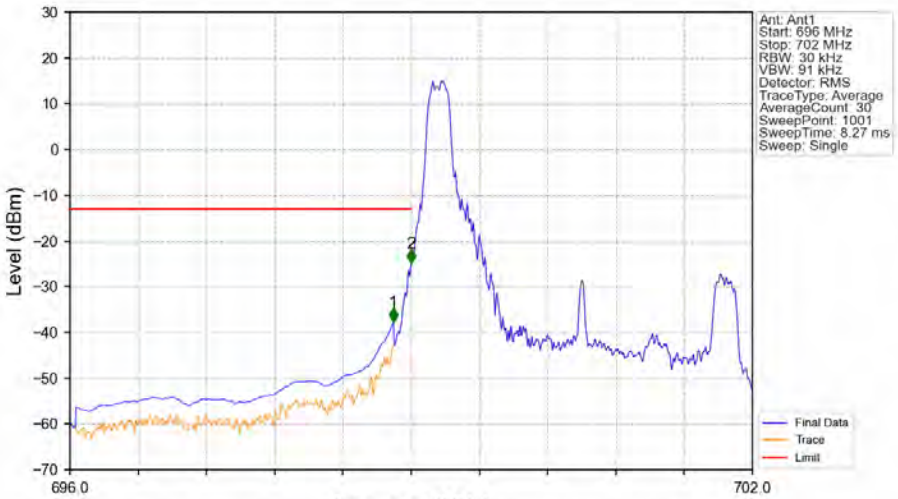
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.012	-24.27	-13	Pass
716.1	719	0.1	CHP	2	716.102	-36.26	-13	Pass

Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



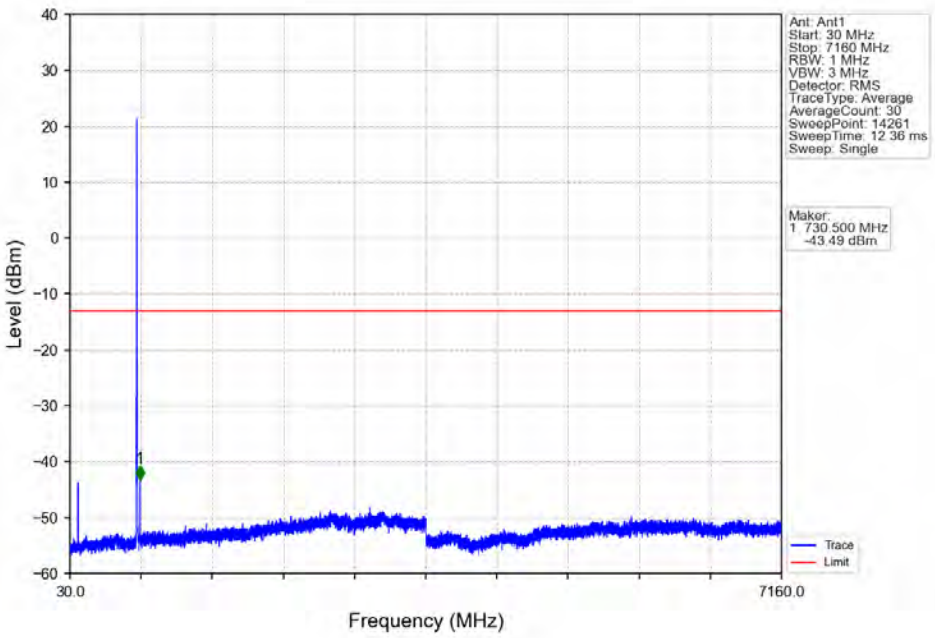
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-36.21	-13	Pass
716.1	719	0.1	CHP	2	716.180	-36.66	-13	Pass

Band12_3MHz_16QAM_LCH_700.5MHz_RB_1_0_NTNV

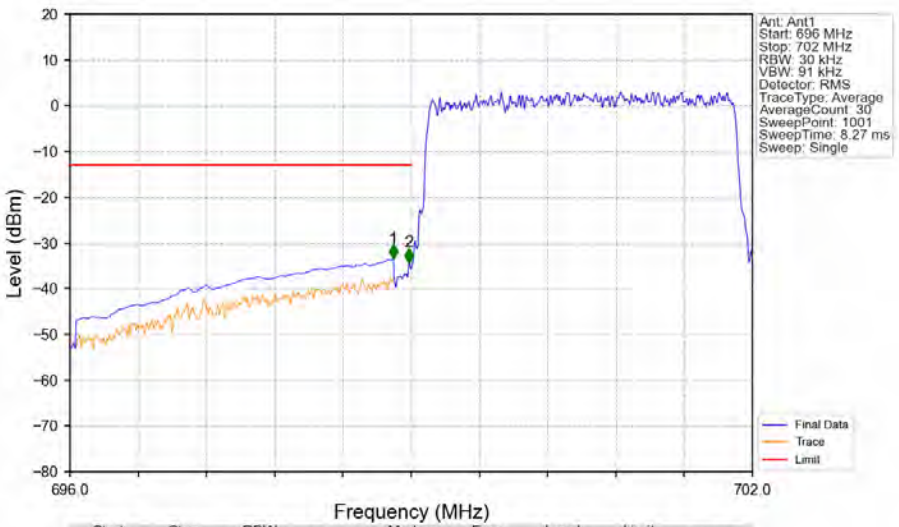


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-37.69	-13	Pass
698.9	699	0.03	/	2	699.000	-24.80	-13	Pass
699	702	0.03	/	/	/	/	/	/

Band12_3MHz_16QAM_LCH_700.5MHz_RB_1_0_NTNV

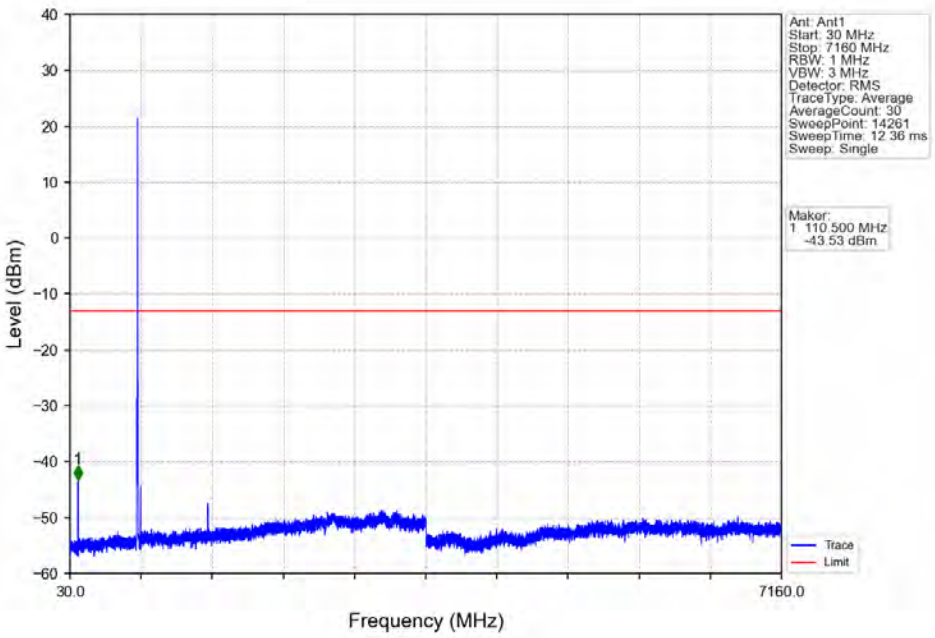


Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV

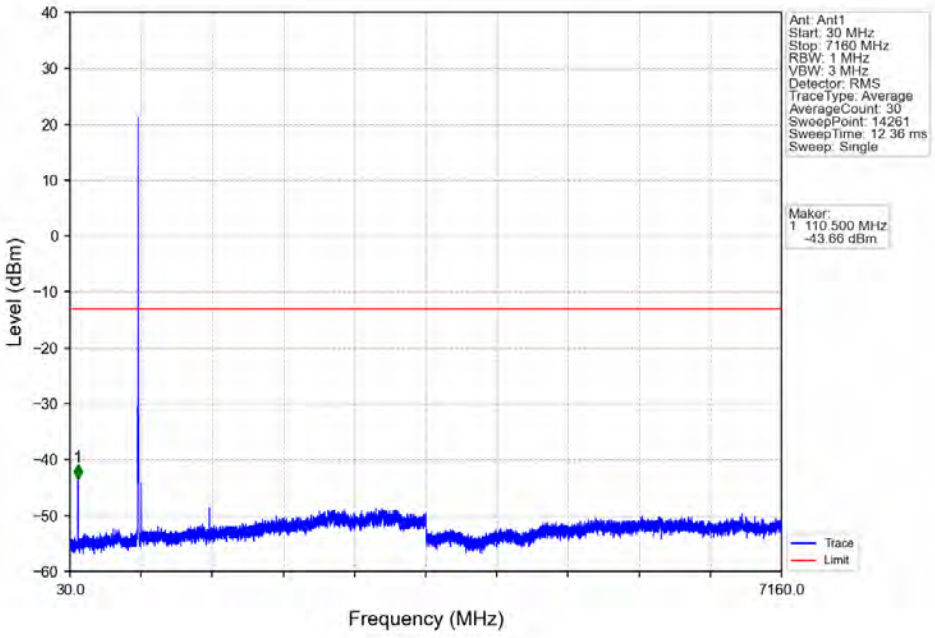


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-33.40	-13	Pass
698.9	699	0.03	/	2	698.982	-34.26	-13	Pass
699	702	0.03	/	/	/	/	/	/

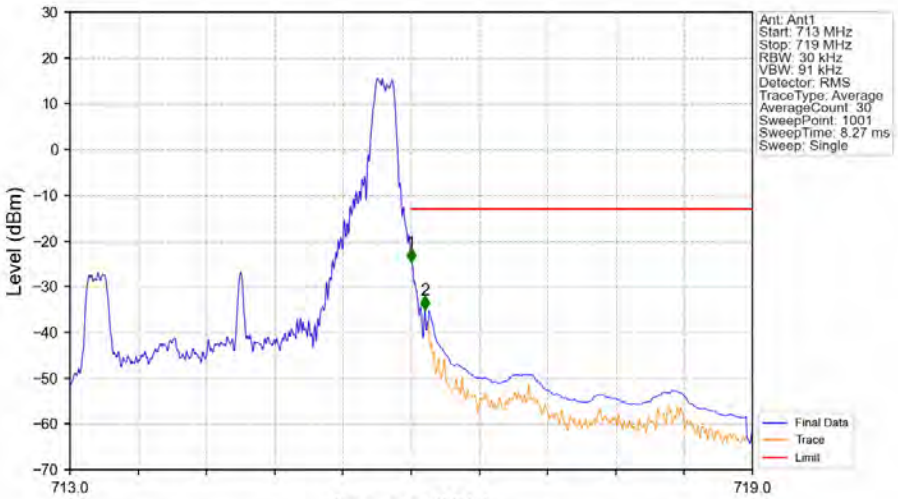
Band12_3MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



Band12_3MHz_16QAM_HCH_714.5MHz_RB_1_0_NTNV

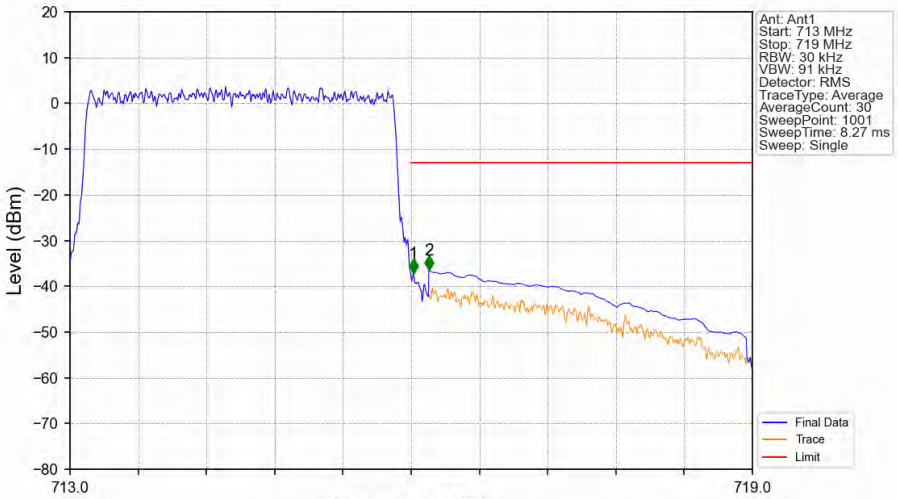


Band12_3MHz_16QAM_HCH_714.5MHz_RB_1_14_NTNV



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	716.000	-24.64	-13	Pass
716.1	719	0.1	CHP	2	716.120	-35.10	-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	716.018	-37.10	-13	Pass
716.1	719	0.1	CHP	2	716.156	-36.51	-13	Pass

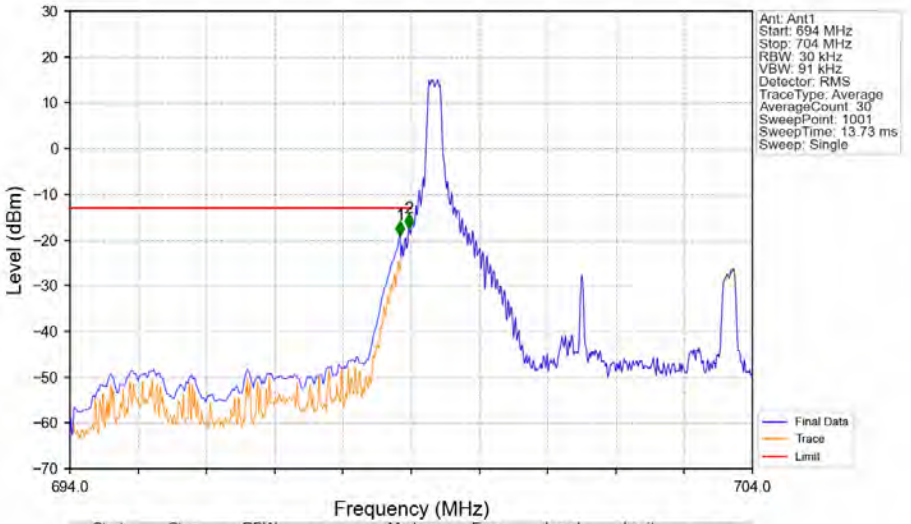
6.3 B12_5MHz

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

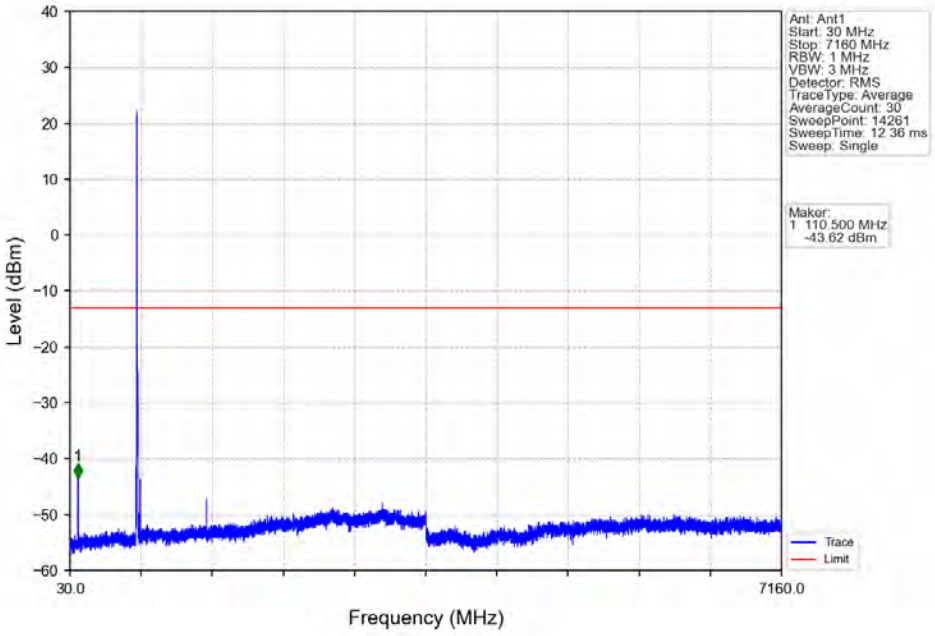
6.3.2 Test Graph

Band12_5MHz_QPSK_LCH_701.5MHz_RB_1_0_NTNV

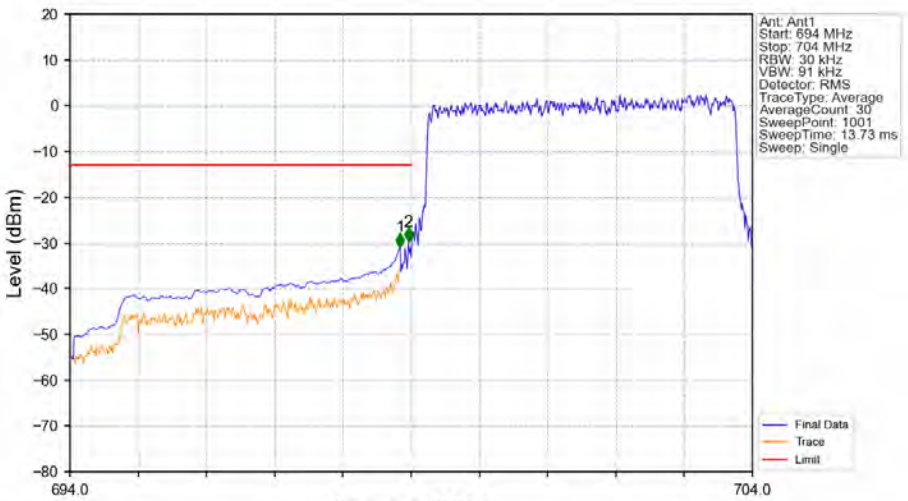


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-18.94	-13	Pass
698.9	699	0.03	/	2	698.970	-17.44	-13	Pass
699	704	0.03	/	/	/	/	/	/

Band12_5MHz_QPSK_LCH_701.5MHz_RB_1_0_NTNV

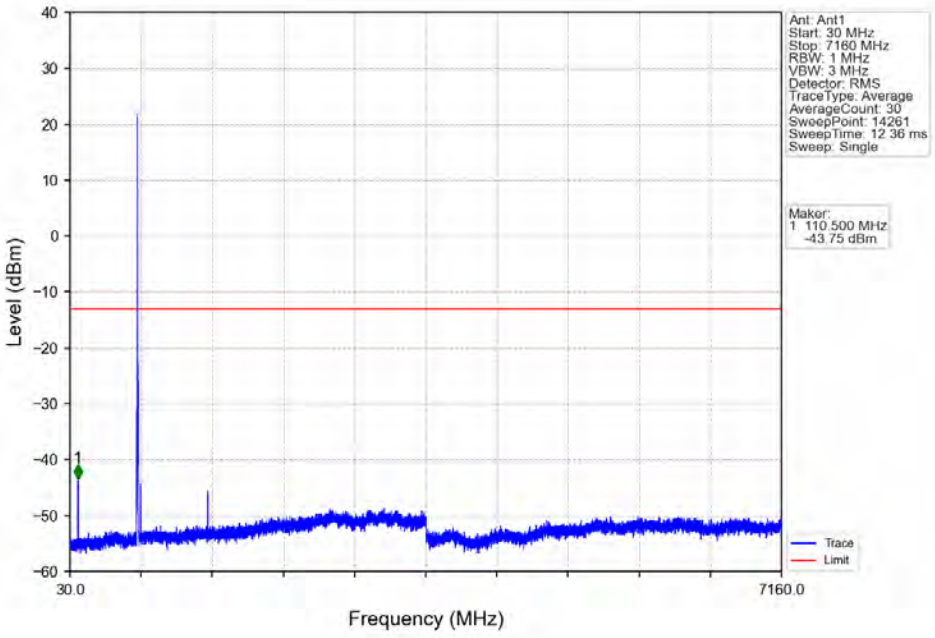


Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV

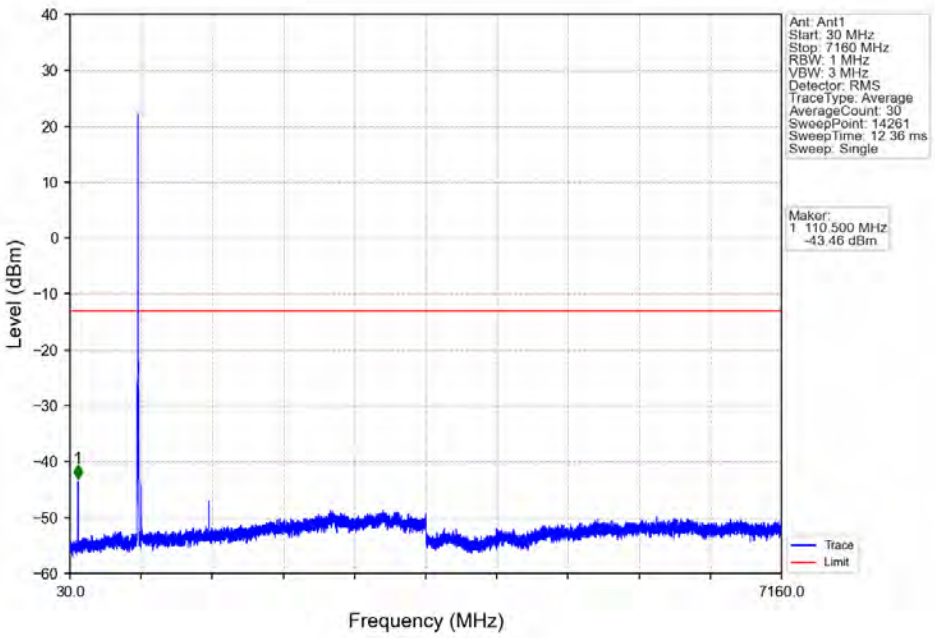


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-30.90	-13	Pass
698.9	699	0.03	/	2	698.960	-29.76	-13	Pass
699	704	0.03	/	/	/	/	/	/

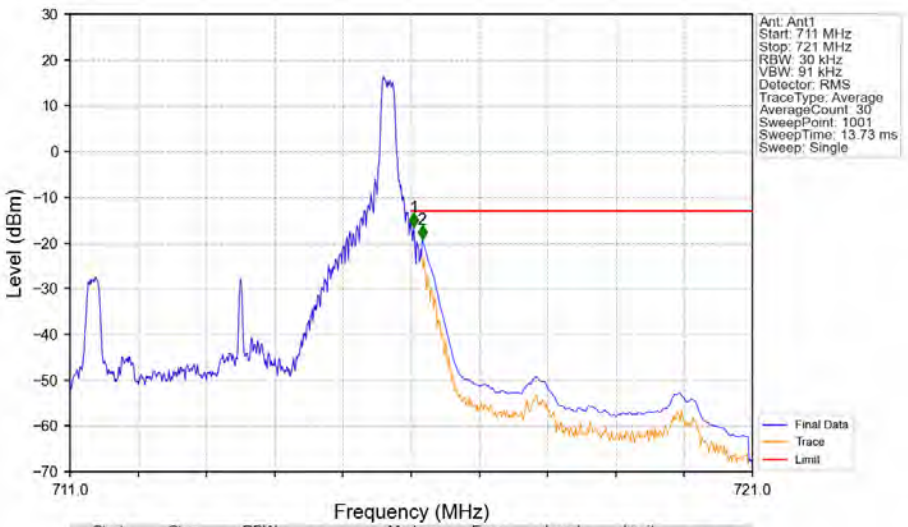
Band12_5MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV

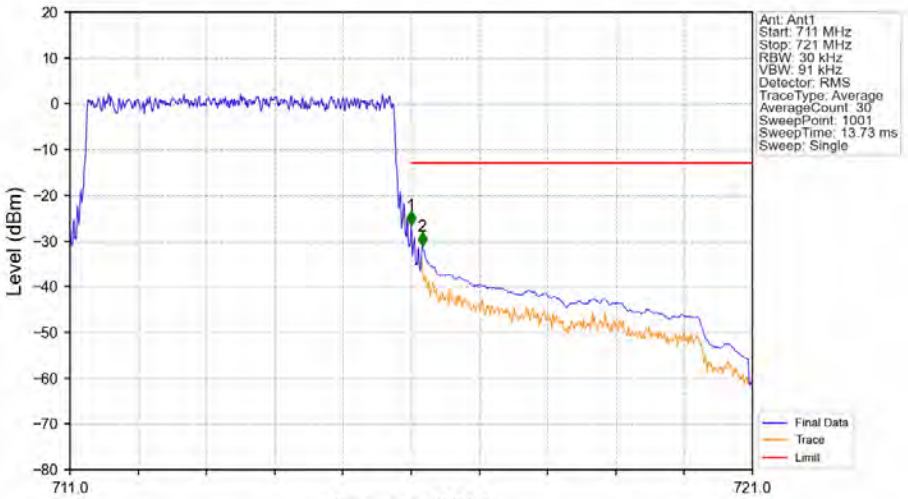


Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV



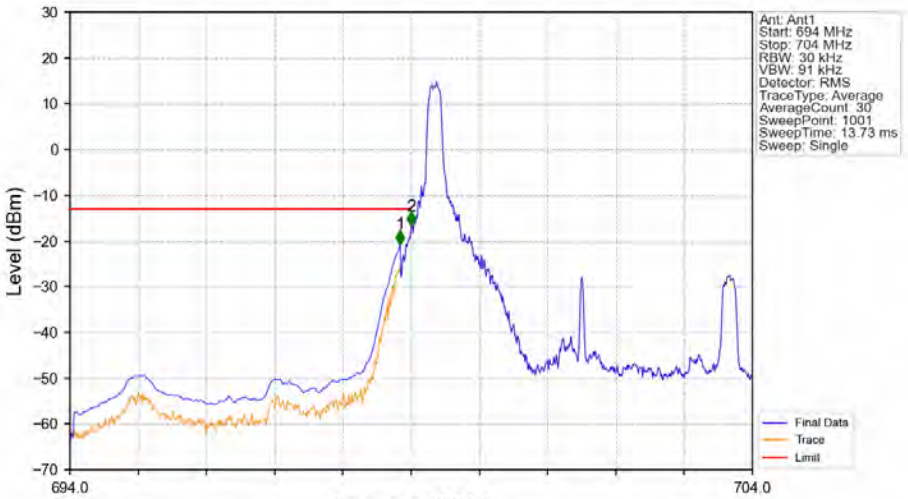
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.040	-16.59	-13	Pass
716.1	721	0.1	CHP	2	716.160	-19.18	-13	Pass

Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



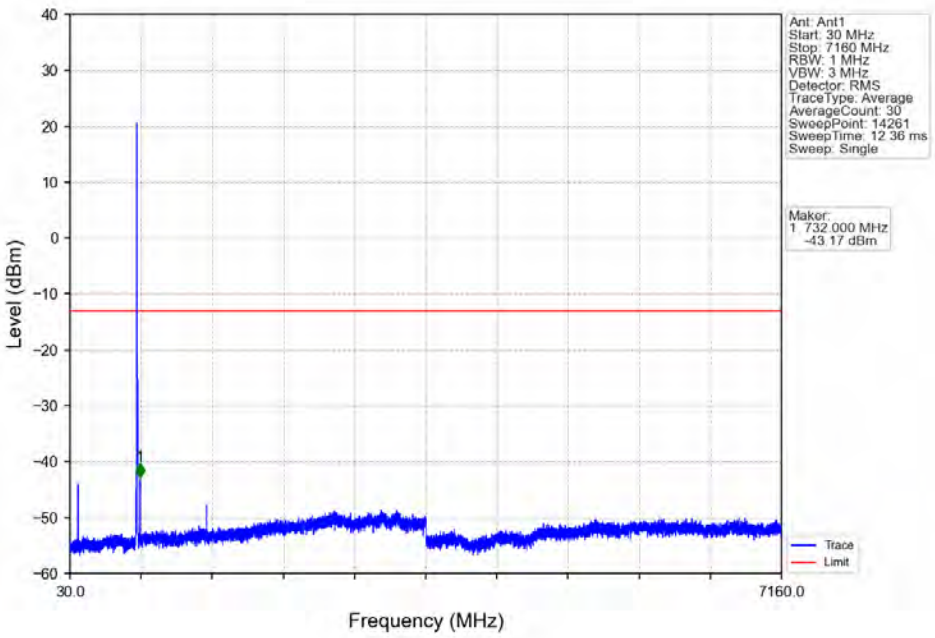
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-26.63	-13	Pass
716.1	721	0.1	CHP	2	716.160	-31.14	-13	Pass

Band12_5MHz_16QAM_LCH_701.5MHz_RB_1_0_NTNV

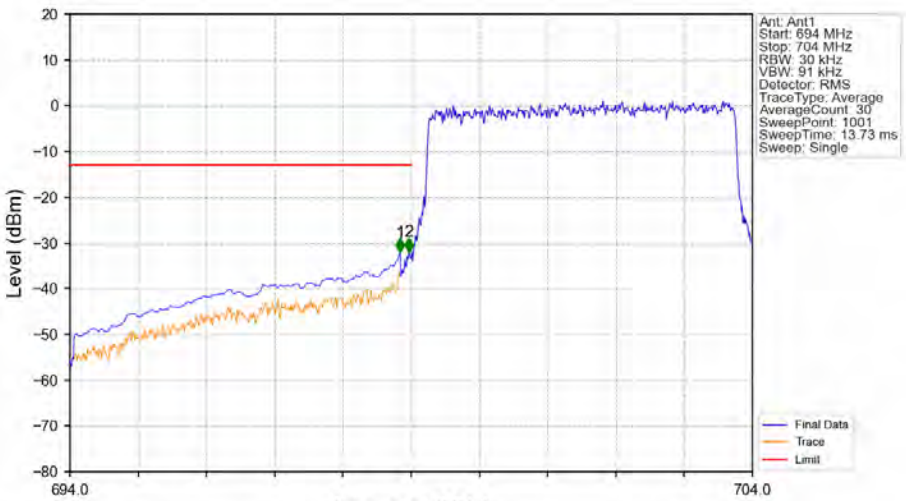


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-20.73	-13	Pass
698.9	699	0.03	/	2	699.000	-16.75	-13	Pass
699	704	0.03	/	/	/	/	/	/

Band12_5MHz_16QAM_LCH_701.5MHz_RB_1_0_NTNV

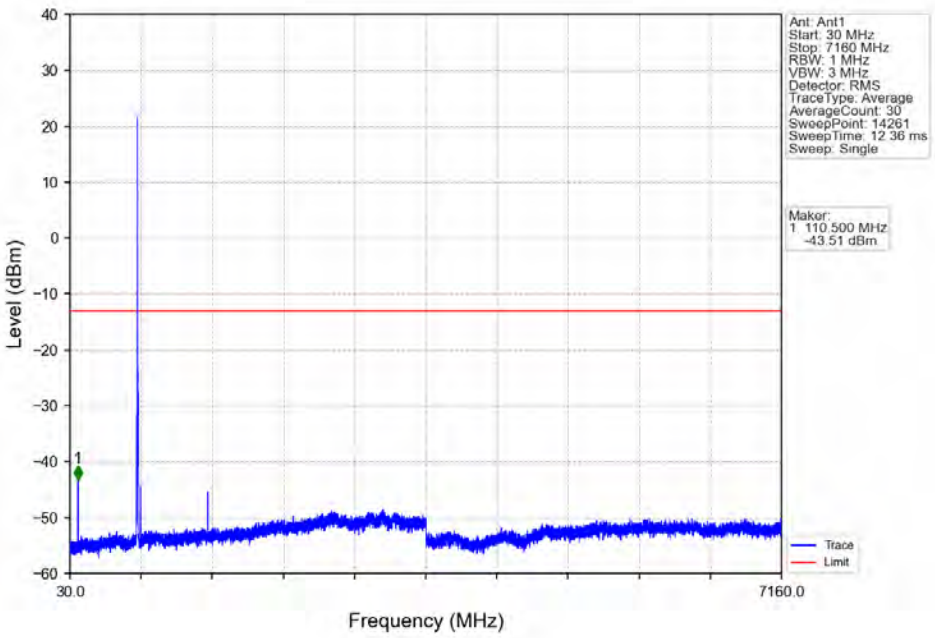


Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV

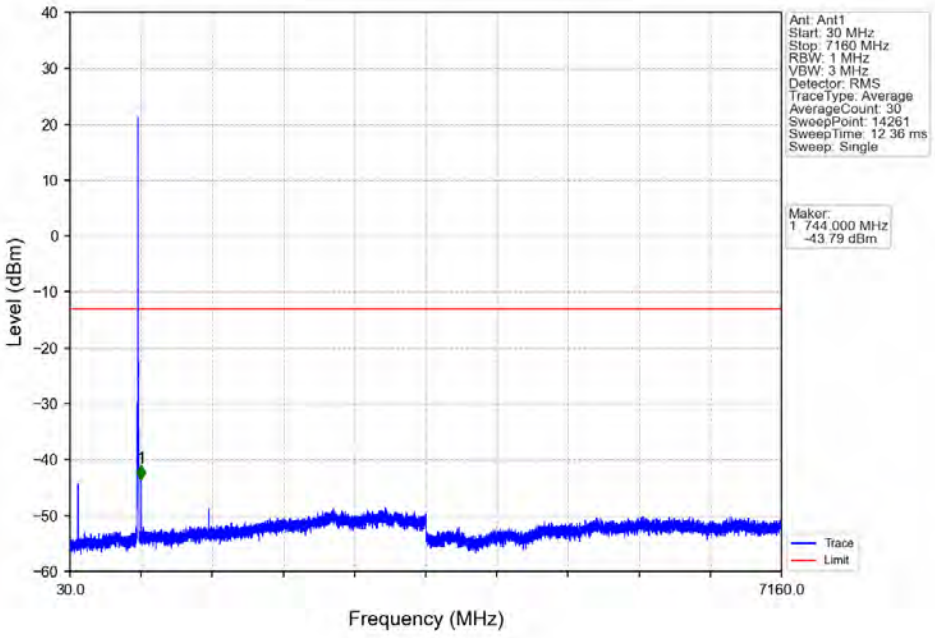


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-32.07	-13	Pass
698.9	699	0.03	/	2	698.970	-31.94	-13	Pass
699	704	0.03	/	/	/	/	/	/

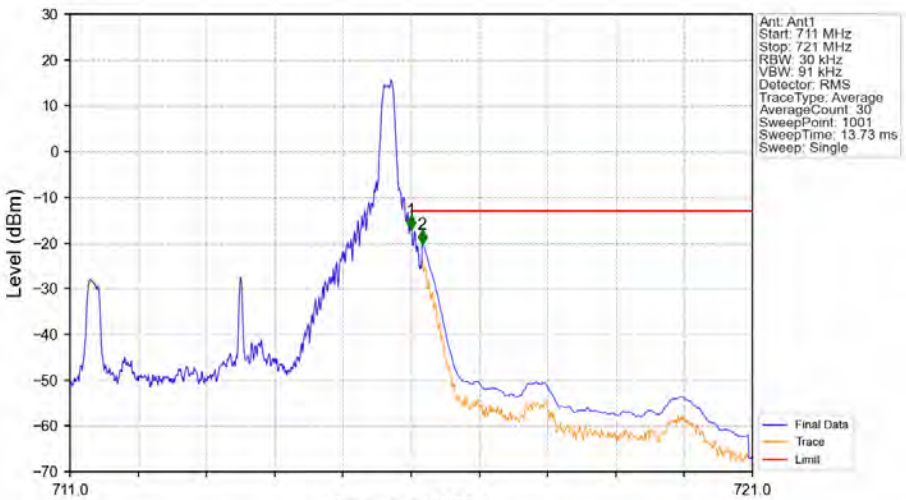
Band12_5MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



Band12_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV

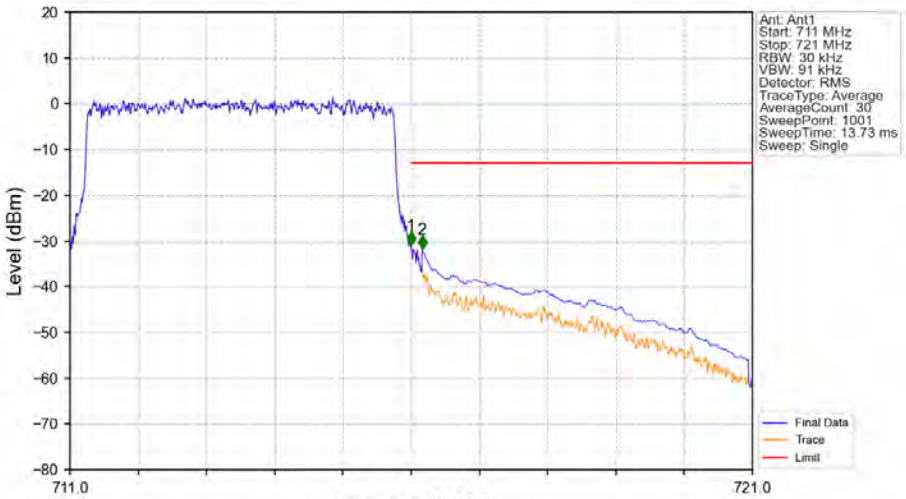


Band12_5MHz_16QAM_HCH_713.5MHz_RB_1_24_NTNV



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	-17.06	-13	Pass
716.1	721	0.1	CHP	2	716.160	-20.27	-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	716.000	-30.96	-13	Pass
716.1	721	0.1	CHP	2	716.160	-31.90	-13	Pass

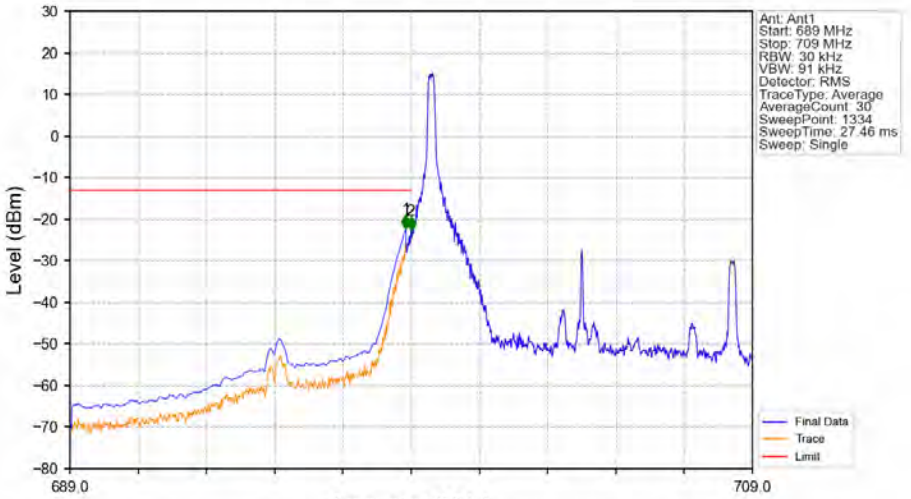
6.4 B12_10MHz

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

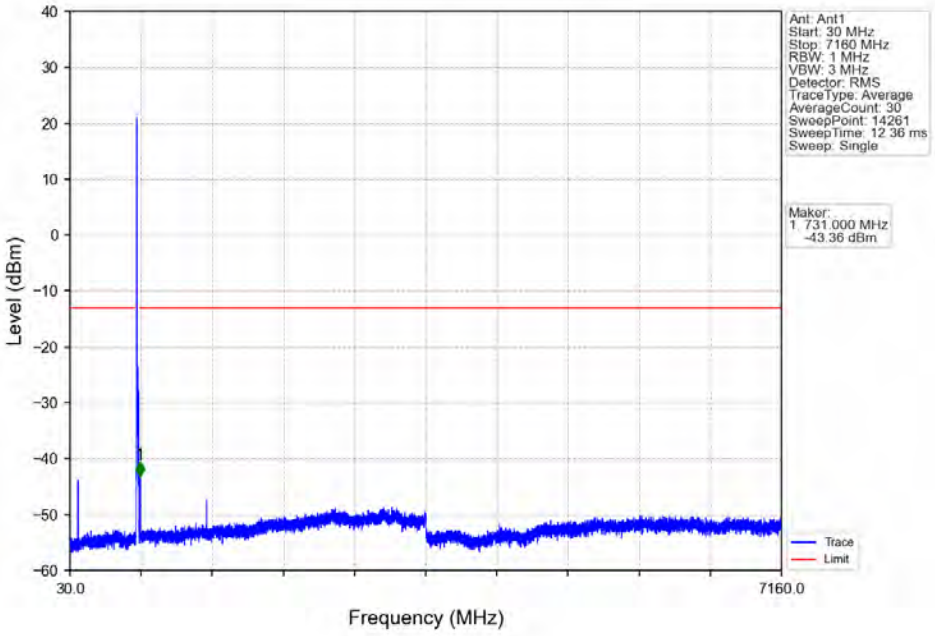
6.4.2 Test Graph

Band12_10MHz_QPSK_LCH_704MHz_RB_1_0_NTNV

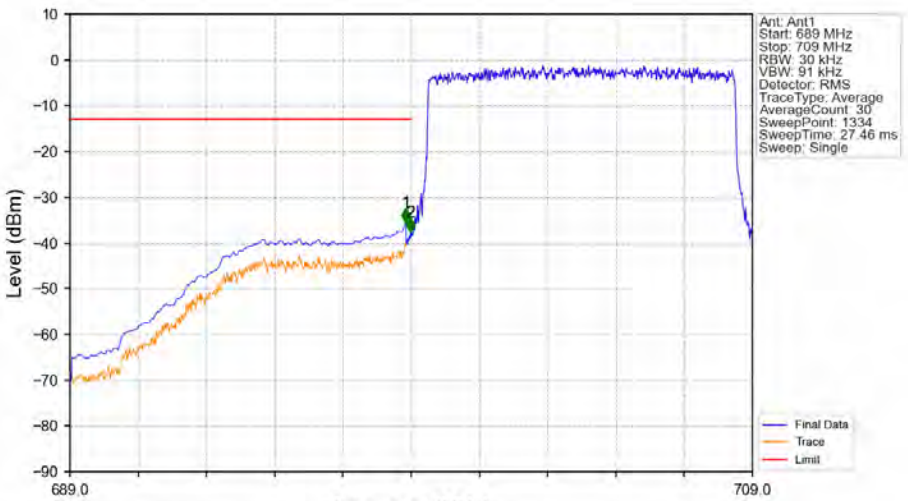


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-22.36	-13	Pass
698.9	699	0.03	/	2	698.992	-22.71	-13	Pass
699	709	0.03	/	/	/	/	/	/

Band12_10MHz_QPSK_LCH_704MHz_RB_1_0_NTNV

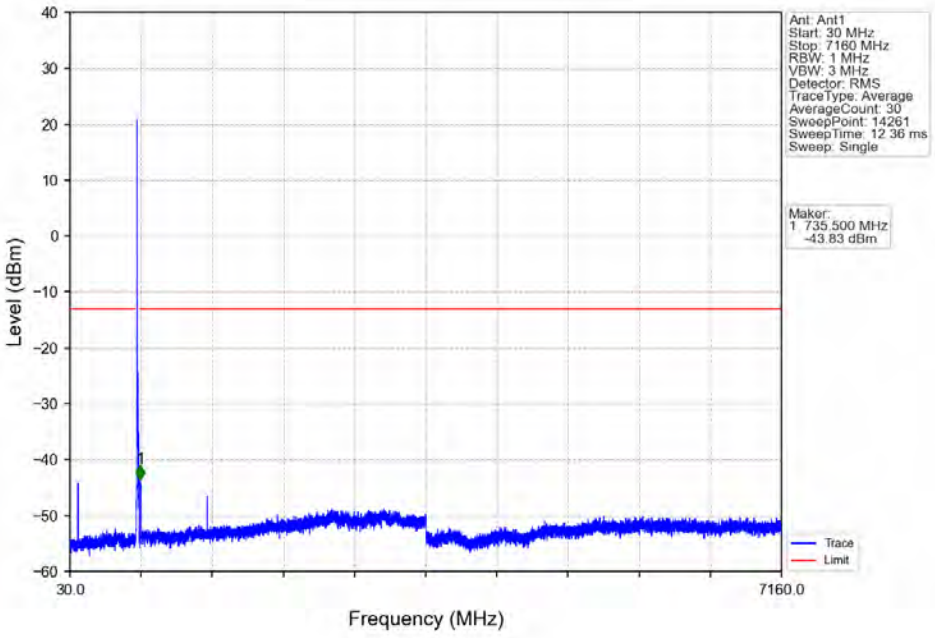


Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV

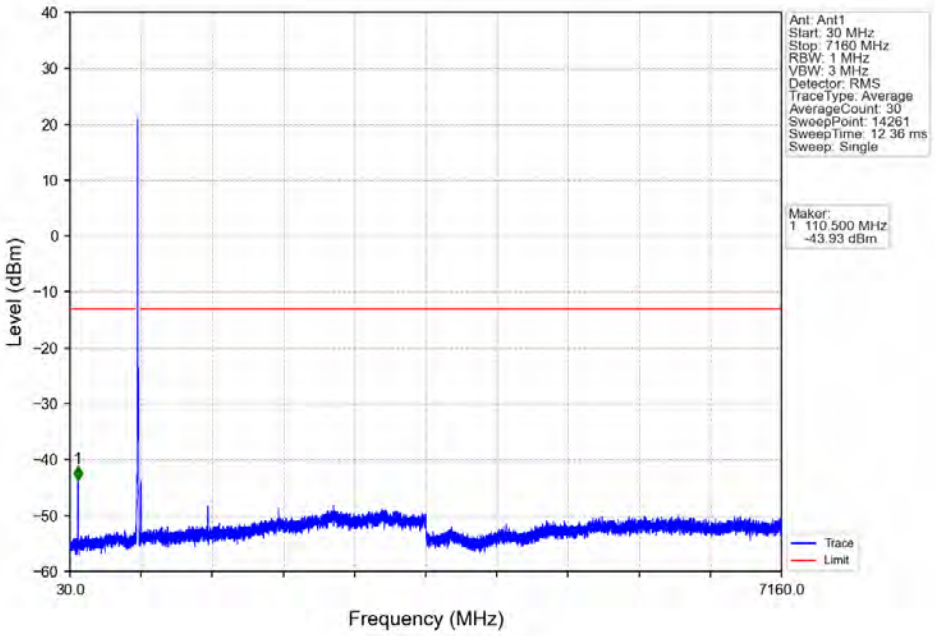


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-35.57	-13	Pass
698.9	699	0.03	/	2	698.977	-37.63	-13	Pass
699	709	0.03	/	/	/	/	/	/

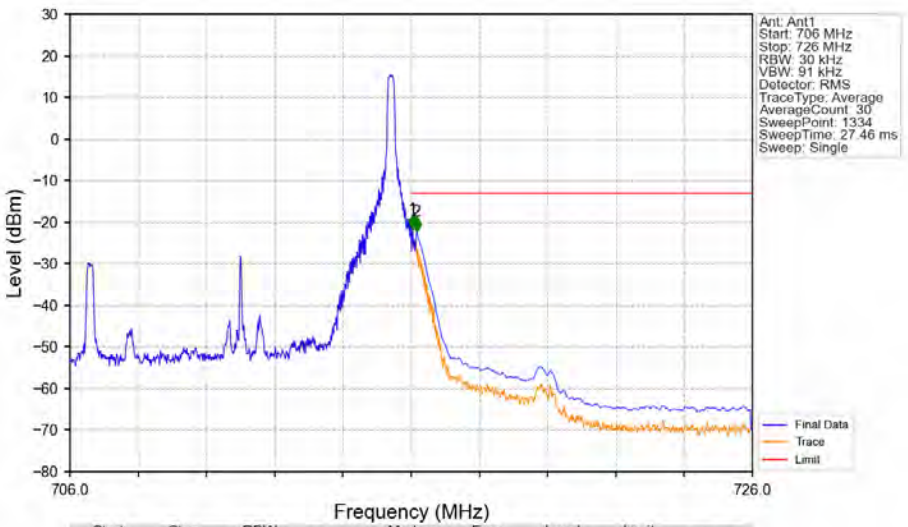
Band12_10MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



Band12_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV

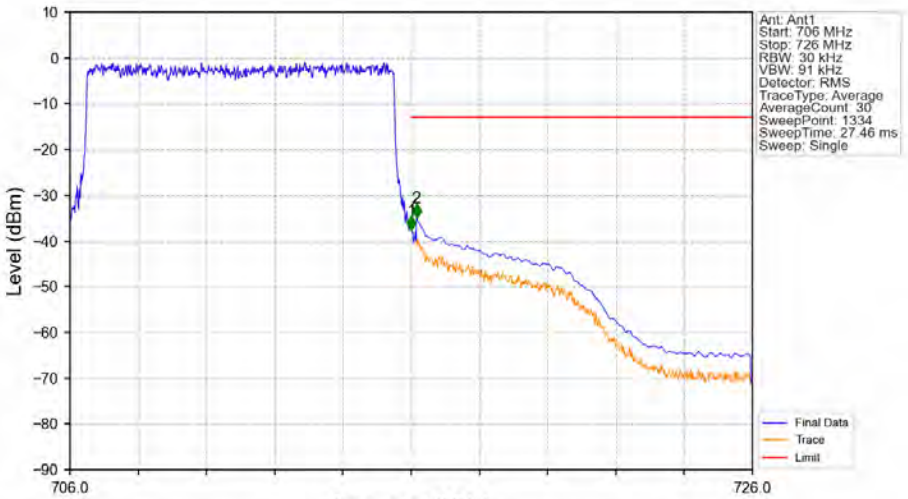


Band12_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV



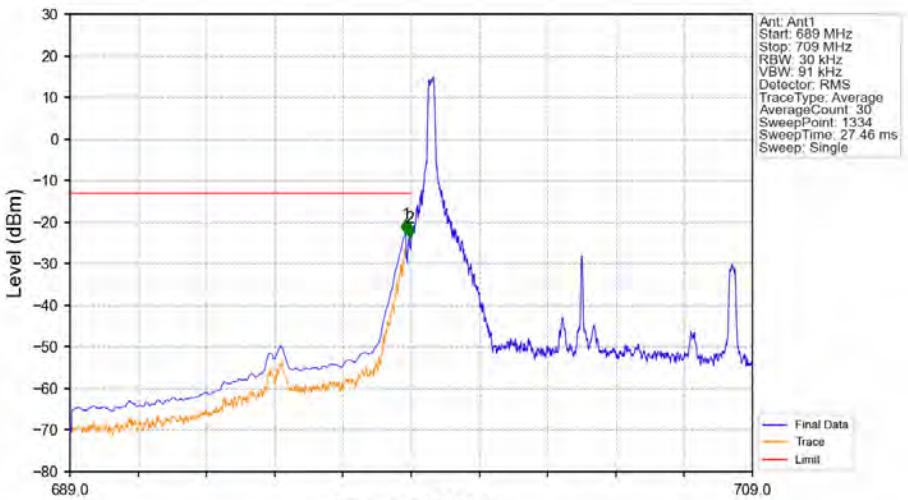
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.038	-21.63	-13	Pass
716.1	726	0.1	CHP	2	716.158	-22.24	-13	Pass

Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



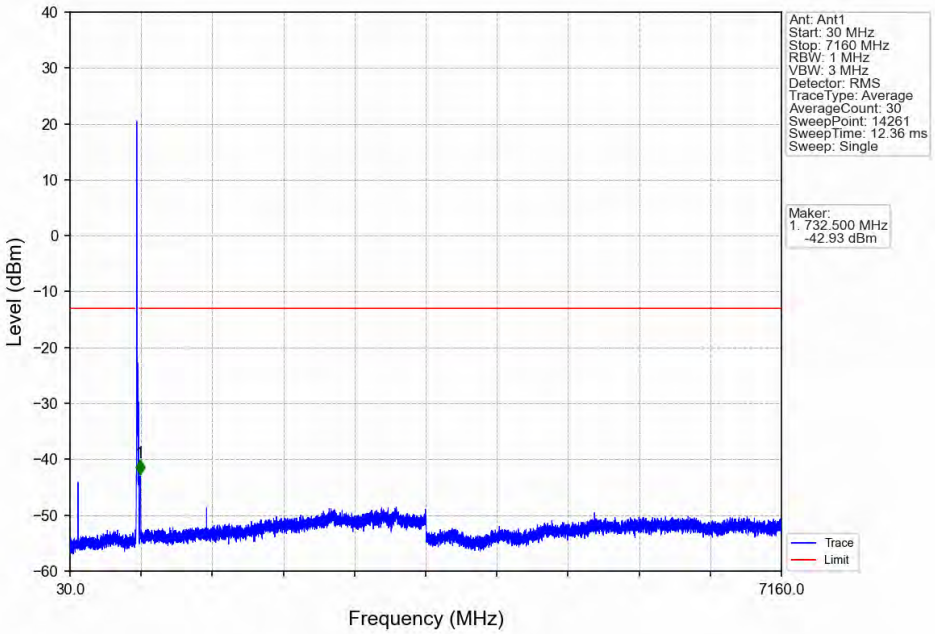
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-37.57	-13	Pass
716.1	726	0.1	CHP	2	716.158	-34.99	-13	Pass

Band12_10MHz_16QAM_LCH_704MHz_RB_1_0_NTNV

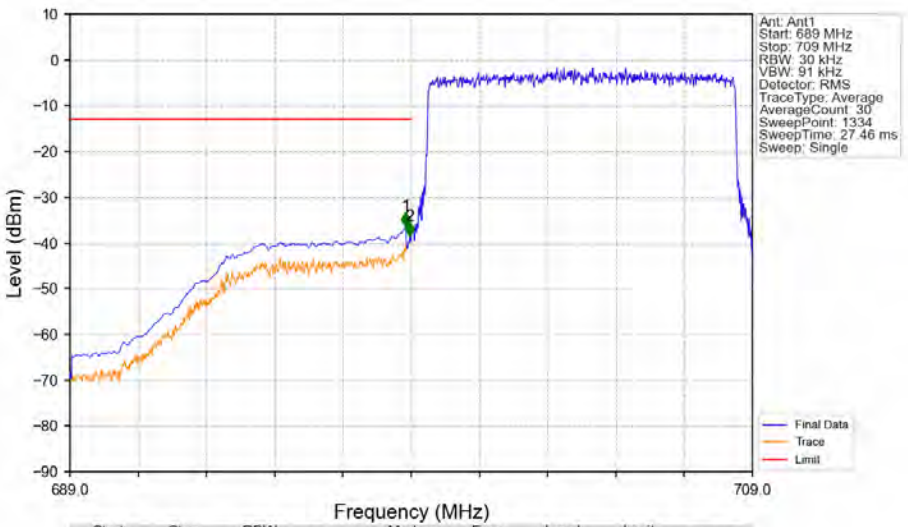


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-22.84	-13	Pass
698.9	699	0.03	/	2	698.947	-23.76	-13	Pass
699	709	0.03	/	/	/	/	/	/

Band12_10MHz_16QAM_LCH_704MHz_RB_1_0_NTNV

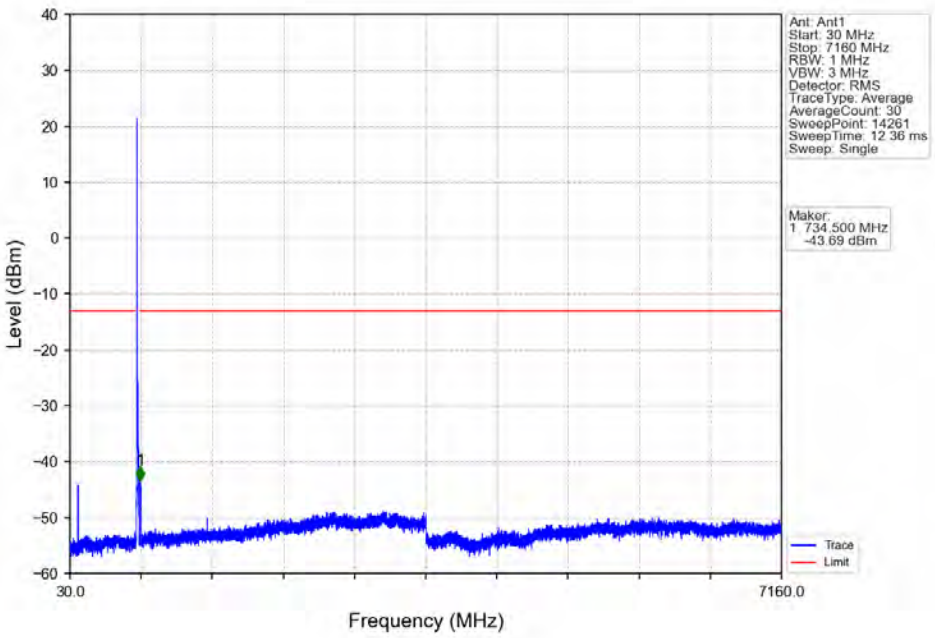


Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV

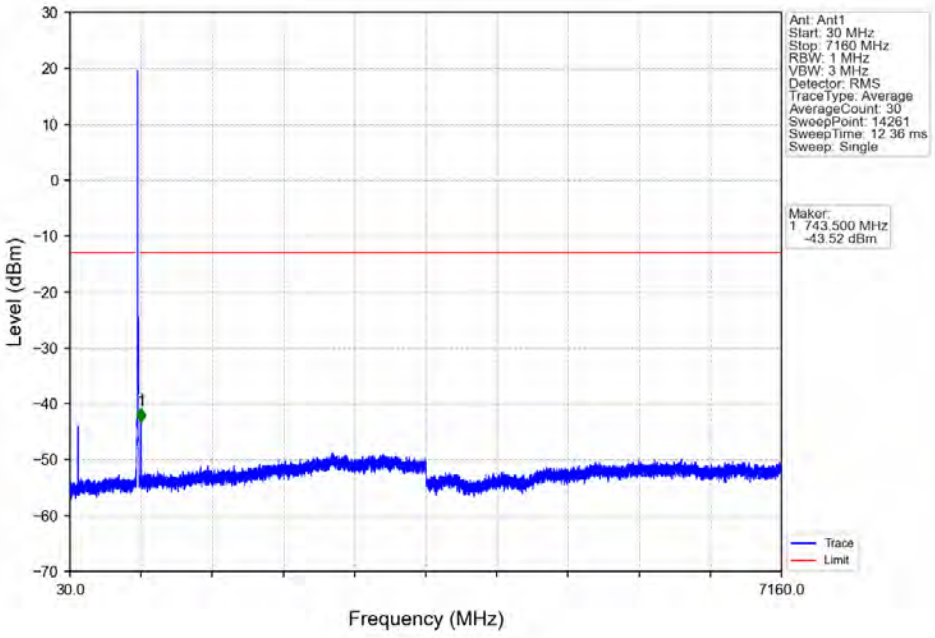


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-36.32	-13	Pass
698.9	699	0.03	/	2	698.962	-38.49	-13	Pass
699	709	0.03	/	/	/	/	/	/

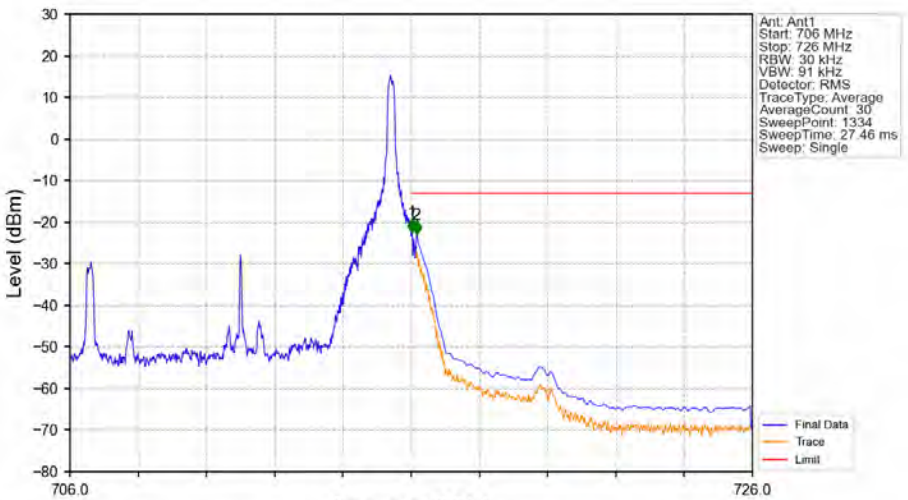
Band12_10MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV

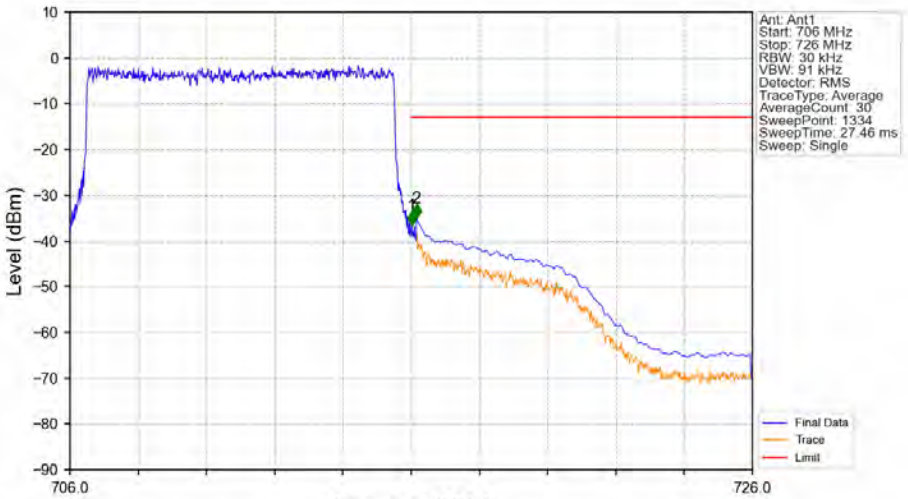


Band12_10MHz_16QAM_HCH_711MHz_RB_1_49_NTNV



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	716.023	-22.50	-13	Pass
716.1	726	0.1	CHP	2	716.158	-23.03	-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	-36.63	-13	Pass
716.1	726	0.1	CHP	2	716.158	-35.00	-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	0.1702	0.0173	ppm	1M11G7D	27H	22.31
12	1.4	699.7	715.3	0.1390	0.0164	ppm	1M12W7D	27H	21.43
12	3	700.5	714.5	0.1718	0.0180	ppm	2M73G7D	27H	22.35
12	3	700.5	714.5	0.1560	0.0144	ppm	2M72W7D	27H	21.93
12	5	701.5	713.5	0.1690	0.0166	ppm	4M59G7D	27H	22.28
12	5	701.5	713.5	0.1409	0.0135	ppm	4M60W7D	27H	21.49
12	10	704	711	0.1738	0.0123	ppm	9M11G7D	27H	22.40
12	10	704	711	0.1585	0.0114	ppm	9M10W7D	27H	22.00

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	0.0366	0.0173	ppm	1M11G7D	27H	15.63
12	1.4	699.7	715.3	0.0299	0.0164	ppm	1M12W7D	27H	14.75
12	3	700.5	714.5	0.0369	0.0180	ppm	2M73G7D	27H	15.67
12	3	700.5	714.5	0.0335	0.0144	ppm	2M72W7D	27H	15.25
12	5	701.5	713.5	0.0363	0.0166	ppm	4M59G7D	27H	15.60
12	5	701.5	713.5	0.0303	0.0135	ppm	4M60W7D	27H	14.81
12	10	704	711	0.0373	0.0123	ppm	9M11G7D	27H	15.72
12	10	704	711	0.0340	0.0114	ppm	9M10W7D	27H	15.32