1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B12_1.4MHz_ERP

Band: 12 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	699.7	1	0	21.90	-2.53	17.22	<=34.77	Pass
			2	21.86	-2.53	17.18	<=34.77	Pass
			5	21.82	-2.53	17.14	<=34.77	Pass
		3	0	21.75	-2.53	17.07	<=34.77	Pass
			2	21.82	-2.53	17.14	<=34.77	Pass
			3	21.79	-2.53	17.11	<=34.77	Pass
		6	0	20.65	-2.53	15.97	<=34.77	Pass
	707.5	1	0	21.73	-2.53	17.05	<=34.77	Pass
			2	21.67	-2.53	16.99	<=34.77	Pass
			5	21.74	-2.53	17.06	<=34.77	Pass
		3	0	21.67	-2.53	16.99	<=34.77	Pass
			2	21.68	-2.53	17.00	<=34.77	Pass
			3	21.63	-2.53	16.95	<=34.77	Pass
		6	0	21.08	-2.53	16.40	<=34.77	Pass
	715.3	1	0	21.75	-2.53	17.07	<=34.77	Pass
			2	21.71	-2.53	17.03	<=34.77	Pass
			5	21.65	-2.53	16.97	<=34.77	Pass
		3	0	21.71	-2.53	17.03	<=34.77	Pass
			2	21.73	-2.53	17.05	<=34.77	Pass
			3	21.73	-2.53	17.05	<=34.77	Pass
		6	0	20.65	-2.53	15.97	<=34.77	Pass
16QAM	699.7	1	0	20.83	-2.53	16.15	<=34.77	Pass
			2	20.78	-2.53	16.10	<=34.77	Pass
			5	20.79	-2.53	16.11	<=34.77	Pass
		3	0	20.45	-2.53	15.77	<=34.77	Pass
			2	20.50	-2.53	15.82	<=34.77	Pass
			3	20.46	-2.53	15.78	<=34.77	Pass
		6	0	19.82	-2.53	15.14	<=34.77	Pass
	707.5	1	0	21.17	-2.53	16.49	<=34.77	Pass
			2	21.69	-2.53	17.01	<=34.77	Pass
			5	21.70	-2.53	17.02	<=34.77	Pass
		3	0	21.02	-2.53	16.34	<=34.77	Pass
			2	21.07	-2.53	16.39	<=34.77	Pass
			3	21.02	-2.53	16.34	<=34.77	Pass
		6	0	20.29	-2.53	15.61	<=34.77	Pass
	715.3	1	0	21.30	-2.53	16.62	<=34.77	Pass
			2	21.20	-2.53	16.52	<=34.77	Pass
			5	21.22	-2.53	16.54	<=34.77	Pass
		3	0	20.73	-2.53	16.05	<=34.77	Pass
			2	20.57	-2.53	15.89	<=34.77	Pass
			3	20.53	-2.53	15.85	<=34.77	Pass
		6	0	19.62	-2.53	14.94	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.2 B12_3MHz_ERP

Band: 12 / Bandwidth: 3MHz / NTNV

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	700.5	1	0	21.92	-2.53	17.24	<=34.77	Pass
			7	21.87	-2.53	17.19	<=34.77	Pass
			14	21.92	-2.53	17.24	<=34.77	Pass
		8	0	20.66	-2.53	15.98	<=34.77	Pass
			4	20.69	-2.53	16.01	<=34.77	Pass
			7	20.77	-2.53	16.09	<=34.77	Pass
		15	0	20.58	-2.53	15.90	<=34.77	Pass
	707.5	1	0	21.71	-2.53	17.03	<=34.77	Pass
			7	21.66	-2.53	16.98	<=34.77	Pass
			14	21.72	-2.53	17.04	<=34.77	Pass
		8	0	20.61	-2.53	15.93	<=34.77	Pass
			4	21.15	-2.53	16.47	<=34.77	Pass
			7	21.11	-2.53	16.43	<=34.77	Pass
		15	0	21.11	-2.53	16.43	<=34.77	Pass
	714.5	1	0	21.80	-2.53	17.12	<=34.77	Pass
			7	21.73	-2.53	17.05	<=34.77	Pass
			14	21.74	-2.53	17.06	<=34.77	Pass
		8	0	20.62	-2.53	15.94	<=34.77	Pass
			4	20.69	-2.53	16.01	<=34.77	Pass
			7	20.69	-2.53	16.01	<=34.77	Pass
		15	0	20.60	-2.53	15.92	<=34.77	Pass
16QAM	700.5	1	0	20.77	-2.53	16.09	<=34.77	Pass
			7	20.72	-2.53	16.04	<=34.77	Pass
			14	20.86	-2.53	16.18	<=34.77	Pass
		8	0	19.89	-2.53	15.21	<=34.77	Pass
			4	19.86	-2.53	15.18	<=34.77	Pass
			7	19.91	-2.53	15.23	<=34.77	Pass
		15	0	19.63	-2.53	14.95	<=34.77	Pass
	707.5	1	0	21.96	-2.53	17.28	<=34.77	Pass
			7	22.29	-2.53	17.61	<=34.77	Pass
			14	22.24	-2.53	17.56	<=34.77	Pass
		8	0	19.81	-2.53	15.13	<=34.77	Pass
			4	20.20	-2.53	15.52	<=34.77	Pass
			7	20.19	-2.53	15.51	<=34.77	Pass
		15	0	20.17	-2.53	15.49	<=34.77	Pass
	714.5	1	0	21.36	-2.53	16.68	<=34.77	Pass
			7	21.43	-2.53	16.75	<=34.77	Pass
			14	21.32	-2.53	16.64	<=34.77	Pass
		8	0	19.95	-2.53	15.27	<=34.77	Pass
			4	19.83	-2.53	15.15	<=34.77	Pass
			7	19.75	-2.53	15.07	<=34.77	Pass
		15	0	19.70	-2.53	15.02	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.3 B12_5MHz_ERP

Band: 12 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	701.5	1	0	21.77	-2.53	17.09	<=34.77	Pass
			13	21.59	-2.53	16.91	<=34.77	Pass
			24	21.60	-2.53	16.92	<=34.77	Pass
		12	0	20.62	-2.53	15.94	<=34.77	Pass
			6	20.75	-2.53	16.07	<=34.77	Pass
			13	20.68	-2.53	16.00	<=34.77	Pass

		25	0	20.74	-2.53	16.06	<=34.77	Pass
	707.5	1	0	21.74	-2.53	17.06	<=34.77	Pass
			13	21.61	-2.53	16.93	<=34.77	Pass
			24	21.62	-2.53	16.94	<=34.77	Pass
		12	0	20.60	-2.53	15.92	<=34.77	Pass
			6	21.02	-2.53	16.34	<=34.77	Pass
			13	21.10	-2.53	16.42	<=34.77	Pass
		25	0	21.10	-2.53	16.42	<=34.77	Pass
	713.5	1	0	21.51	-2.53	16.83	<=34.77	Pass
			13	21.66	-2.53	16.98	<=34.77	Pass
			24	21.62	-2.53	16.94	<=34.77	Pass
		12	0	20.57	-2.53	15.89	<=34.77	Pass
			6	20.67	-2.53	15.99	<=34.77	Pass
			13	20.69	-2.53	16.01	<=34.77	Pass
		25	0	20.67	-2.53	15.99	<=34.77	Pass
16QAM	701.5	1	0	21.17	-2.53	16.49	<=34.77	Pass
			13	21.11	-2.53	16.43	<=34.77	Pass
			24	21.21	-2.53	16.53	<=34.77	Pass
		12	0	19.75	-2.53	15.07	<=34.77	Pass
			6	19.73	-2.53	15.05	<=34.77	Pass
			13	19.75	-2.53	15.07	<=34.77	Pass
		25	0	19.96	-2.53	15.28	<=34.77	Pass
	707.5	1	0	20.84	-2.53	16.16	<=34.77	Pass
			13	21.18	-2.53	16.50	<=34.77	Pass
			24	20.85	-2.53	16.17	<=34.77	Pass
		12	0	19.67	-2.53	14.99	<=34.77	Pass
			6	20.01	-2.53	15.33	<=34.77	Pass
			13	20.03	-2.53	15.35	<=34.77	Pass
		25	0	20.09	-2.53	15.41	<=34.77	Pass
	713.5	1	0	20.14	-2.53	15.46	<=34.77	Pass
			13	20.29	-2.53	15.61	<=34.77	Pass
			24	20.20	-2.53	15.52	<=34.77	Pass
		12	0	19.49	-2.53	14.81	<=34.77	Pass
			6	19.64	-2.53	14.96	<=34.77	Pass
			13	19.65	-2.53	14.97	<=34.77	Pass
		25	0	19.70	-2.53	15.02	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.4 B12_10MHz_ERP

Band: 12 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	704	1	0	21.70	-2.53	17.02	<=34.77	Pass
			25	21.63	-2.53	16.95	<=34.77	Pass
			49	21.70	-2.53	17.02	<=34.77	Pass
		25	0	20.66	-2.53	15.98	<=34.77	Pass
			13	20.62	-2.53	15.94	<=34.77	Pass
			25	20.68	-2.53	16.00	<=34.77	Pass
		50	0	20.70	-2.53	16.02	<=34.77	Pass
	707.5	1	0	21.64	-2.53	16.96	<=34.77	Pass
			25	21.59	-2.53	16.91	<=34.77	Pass
			49	21.53	-2.53	16.85	<=34.77	Pass
		25	0	20.72	-2.53	16.04	<=34.77	Pass
			13	21.02	-2.53	16.34	<=34.77	Pass
			25	20.61	-2.53	15.93	<=34.77	Pass
		50	0	21.03	-2.53	16.35	<=34.77	Pass

	711	1	0	21.57	-2.53	16.89	<=34.77	Pass
			25	21.47	-2.53	16.79	<=34.77	Pass
			49	21.57	-2.53	16.89	<=34.77	Pass
		25	0	20.96	-2.53	16.28	<=34.77	Pass
			13	20.58	-2.53	15.90	<=34.77	Pass
			25	20.66	-2.53	15.98	<=34.77	Pass
		50	0	20.60	-2.53	15.92	<=34.77	Pass
16QAM	704	1	0	20.73	-2.53	16.05	<=34.77	Pass
			25	20.59	-2.53	15.91	<=34.77	Pass
			49	21.12	-2.53	16.44	<=34.77	Pass
		25	0	19.87	-2.53	15.19	<=34.77	Pass
			13	19.92	-2.53	15.24	<=34.77	Pass
			25	20.07	-2.53	15.39	<=34.77	Pass
		50	0	19.82	-2.53	15.14	<=34.77	Pass
	707.5	1	0	21.79	-2.53	17.11	<=34.77	Pass
			25	22.24	-2.53	17.56	<=34.77	Pass
			49	21.80	-2.53	17.12	<=34.77	Pass
		25	0	19.87	-2.53	15.19	<=34.77	Pass
			13	20.20	-2.53	15.52	<=34.77	Pass
			25	19.68	-2.53	15.00	<=34.77	Pass
		50	0	20.14	-2.53	15.46	<=34.77	Pass
	711	1	0	21.13	-2.53	16.45	<=34.77	Pass
			25	21.07	-2.53	16.39	<=34.77	Pass
			49	21.14	-2.53	16.46	<=34.77	Pass
		25	0	20.09	-2.53	15.41	<=34.77	Pass
			13	19.49	-2.53	14.81	<=34.77	Pass
			25	19.72	-2.53	15.04	<=34.77	Pass
		50	0	19.55	-2.53	14.87	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

2. Frequency Stability

2.1 Test Result

2.1.1 B12_1.4MHz

Band: 12 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	699.7	6	0	20	3.27	7.968	0.0114	-2.5 to 2.5	Pass
					3.85	-2.003	-0.0029	-2.5 to 2.5	Pass
					4.43	-16.522	-0.0236	-2.5 to 2.5	Pass
				-30	3.85	-27.337	-0.0391	-2.5 to 2.5	Pass
				-20	3.85	-34.404	-0.0492	-2.5 to 2.5	Pass
				-10	3.85	-38.466	-0.0550	-2.5 to 2.5	Pass
				0	3.85	-47.579	-0.0680	-2.5 to 2.5	Pass
				10	3.85	-6.452	-0.0092	-2.5 to 2.5	Pass
				30	3.85	-8.397	-0.0120	-2.5 to 2.5	Pass
				40	3.85	-10.872	-0.0155	-2.5 to 2.5	Pass
				50	3.85	-15.850	-0.0227	-2.5 to 2.5	Pass
	707.5	6	0	20	3.27	5.178	0.0073	-2.5 to 2.5	Pass
					3.85	-26.250	-0.0371	-2.5 to 2.5	Pass
					4.43	-2.632	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	-22.159	-0.0313	-2.5 to 2.5	Pass
				-20	3.85	-45.004	-0.0636	-2.5 to 2.5	Pass
				-10	3.85	-24.247	-0.0343	-2.5 to 2.5	Pass

				0	3.85	-42.787	-0.0605	-2.5 to 2.5	Pass
				10	3.85	-4.191	-0.0059	-2.5 to 2.5	Pass
				30	3.85	-18.153	-0.0257	-2.5 to 2.5	Pass
				40	3.85	-32.516	-0.0460	-2.5 to 2.5	Pass
				50	3.85	-43.030	-0.0608	-2.5 to 2.5	Pass
	715.3	6	0	20	3.27	2.804	0.0039	-2.5 to 2.5	Pass
					3.85	-13.247	-0.0185	-2.5 to 2.5	Pass
					4.43	-28.009	-0.0392	-2.5 to 2.5	Pass
				-30	3.85	-39.940	-0.0558	-2.5 to 2.5	Pass
				-20	3.85	-46.062	-0.0644	-2.5 to 2.5	Pass
				-10	3.85	-4.721	-0.0066	-2.5 to 2.5	Pass
				0	3.85	-4.907	-0.0069	-2.5 to 2.5	Pass
				10	3.85	-10.514	-0.0147	-2.5 to 2.5	Pass
				30	3.85	-12.875	-0.0180	-2.5 to 2.5	Pass
				40	3.85	-16.007	-0.0224	-2.5 to 2.5	Pass
				50	3.85	-13.289	-0.0186	-2.5 to 2.5	Pass
16QAM	699.7	6	0	20	3.27	-15.950	-0.0228	-2.5 to 2.5	Pass
					3.85	-14.119	-0.0202	-2.5 to 2.5	Pass
					4.43	-8.383	-0.0120	-2.5 to 2.5	Pass
				-30	3.85	-4.878	-0.0070	-2.5 to 2.5	Pass
				-20	3.85	1.502	0.0021	-2.5 to 2.5	Pass
				-10	3.85	9.170	0.0131	-2.5 to 2.5	Pass
				0	3.85	10.514	0.0150	-2.5 to 2.5	Pass
				10	3.85	11.945	0.0171	-2.5 to 2.5	Pass
				30	3.85	9.513	0.0136	-2.5 to 2.5	Pass
				40	3.85	9.742	0.0139	-2.5 to 2.5	Pass
				50	3.85	8.168	0.0117	-2.5 to 2.5	Pass
	707.5	6	0	20	3.27	-8.183	-0.0116	-2.5 to 2.5	Pass
					3.85	-9.942	-0.0141	-2.5 to 2.5	Pass
					4.43	-12.317	-0.0174	-2.5 to 2.5	Pass
				-30	3.85	-14.291	-0.0202	-2.5 to 2.5	Pass
				-20	3.85	-16.923	-0.0239	-2.5 to 2.5	Pass
				-10	3.85	-19.827	-0.0280	-2.5 to 2.5	Pass
				0	3.85	-22.759	-0.0322	-2.5 to 2.5	Pass
				10	3.85	-24.862	-0.0351	-2.5 to 2.5	Pass
				30	3.85	-25.105	-0.0355	-2.5 to 2.5	Pass
				40	3.85	-26.078	-0.0369	-2.5 to 2.5	Pass
				50	3.85	-28.181	-0.0398	-2.5 to 2.5	Pass
	715.3	6	0	20	3.27	11.072	0.0155	-2.5 to 2.5	Pass
					3.85	5.779	0.0081	-2.5 to 2.5	Pass
					4.43	45.347	0.0634	-2.5 to 2.5	Pass
				-30	3.85	41.628	0.0582	-2.5 to 2.5	Pass
				-20	3.85	31.972	0.0447	-2.5 to 2.5	Pass
				-10	3.85	12.445	0.0174	-2.5 to 2.5	Pass
				0	3.85	40.097	0.0561	-2.5 to 2.5	Pass
				10	3.85	18.311	0.0256	-2.5 to 2.5	Pass
				30	3.85	41.671	0.0583	-2.5 to 2.5	Pass
				40	3.85	13.161	0.0184	-2.5 to 2.5	Pass
				50	3.85	34.375	0.0481	-2.5 to 2.5	Pass

2.1.2 B12_3MHz

Band: 12 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	700.5	15	0	20	3.27	-1.316	-0.0019	-2.5 to 2.5	Pass
					3.85	-35.534	-0.0507	-2.5 to 2.5	Pass

					4.43	-26.150	-0.0373	-2.5 to 2.5	Pass
				-30	3.85	-0.873	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-21.243	-0.0303	-2.5 to 2.5	Pass
				-10	3.85	-40.011	-0.0571	-2.5 to 2.5	Pass
				0	3.85	-8.426	-0.0120	-2.5 to 2.5	Pass
				10	3.85	-17.037	-0.0243	-2.5 to 2.5	Pass
				30	3.85	-27.080	-0.0387	-2.5 to 2.5	Pass
				40	3.85	-33.102	-0.0473	-2.5 to 2.5	Pass
				50	3.85	-36.807	-0.0525	-2.5 to 2.5	Pass
	707.5	15	0	20	3.27	-18.625	-0.0263	-2.5 to 2.5	Pass
					3.85	-31.385	-0.0444	-2.5 to 2.5	Pass
					4.43	-37.937	-0.0536	-2.5 to 2.5	Pass
				-30	3.85	-13.289	-0.0188	-2.5 to 2.5	Pass
				-20	3.85	-10.686	-0.0151	-2.5 to 2.5	Pass
				-10	3.85	-11.444	-0.0162	-2.5 to 2.5	Pass
				0	3.85	-39.439	-0.0557	-2.5 to 2.5	Pass
				10	3.85	-5.622	-0.0079	-2.5 to 2.5	Pass
				30	3.85	-22.602	-0.0319	-2.5 to 2.5	Pass
				40	3.85	-43.216	-0.0611	-2.5 to 2.5	Pass
				50	3.85	-16.594	-0.0235	-2.5 to 2.5	Pass
	714.5	15	0	20	3.27	13.790	0.0193	-2.5 to 2.5	Pass
					3.85	34.990	0.0490	-2.5 to 2.5	Pass
					4.43	6.137	0.0086	-2.5 to 2.5	Pass
				-30	3.85	24.447	0.0342	-2.5 to 2.5	Pass
				-20	3.85	39.926	0.0559	-2.5 to 2.5	Pass
				-10	3.85	5.651	0.0079	-2.5 to 2.5	Pass
				0	3.85	16.079	0.0225	-2.5 to 2.5	Pass
				10	3.85	27.194	0.0381	-2.5 to 2.5	Pass
				30	3.85	36.664	0.0513	-2.5 to 2.5	Pass
				40	3.85	44.975	0.0629	-2.5 to 2.5	Pass
				50	3.85	4.320	0.0060	-2.5 to 2.5	Pass
16QAM	700.5	15	0	20	3.27	-39.339	-0.0562	-2.5 to 2.5	Pass
					3.85	-34.246	-0.0489	-2.5 to 2.5	Pass
					4.43	-31.972	-0.0456	-2.5 to 2.5	Pass
				-30	3.85	-29.683	-0.0424	-2.5 to 2.5	Pass
				-20	3.85	-28.839	-0.0412	-2.5 to 2.5	Pass
				-10	3.85	-20.370	-0.0291	-2.5 to 2.5	Pass
				0	3.85	-13.232	-0.0189	-2.5 to 2.5	Pass
				10	3.85	-10.042	-0.0143	-2.5 to 2.5	Pass
				30	3.85	-5.808	-0.0083	-2.5 to 2.5	Pass
				40	3.85	-0.672	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-1.473	-0.0021	-2.5 to 2.5	Pass
	707.5	15	0	20	3.27	-39.225	-0.0554	-2.5 to 2.5	Pass
					3.85	-44.904	-0.0635	-2.5 to 2.5	Pass
					4.43	-4.435	-0.0063	-2.5 to 2.5	Pass
				-30	3.85	-10.743	-0.0152	-2.5 to 2.5	Pass
				-20	3.85	-16.236	-0.0229	-2.5 to 2.5	Pass
				-10	3.85	-22.430	-0.0317	-2.5 to 2.5	Pass
				0	3.85	-26.779	-0.0379	-2.5 to 2.5	Pass
				10	3.85	-31.400	-0.0444	-2.5 to 2.5	Pass
				30	3.85	-33.002	-0.0466	-2.5 to 2.5	Pass
				40	3.85	-40.154	-0.0568	-2.5 to 2.5	Pass
				50	3.85	-44.618	-0.0631	-2.5 to 2.5	Pass
	714.5	15	0	20	3.27	5.250	0.0073	-2.5 to 2.5	Pass
					3.85	13.089	0.0183	-2.5 to 2.5	Pass
					4.43	19.813	0.0277	-2.5 to 2.5	Pass
				-30	3.85	25.949	0.0363	-2.5 to 2.5	Pass
				-20	3.85	31.886	0.0446	-2.5 to 2.5	Pass
				-10	3.85	34.990	0.0490	-2.5 to 2.5	Pass

				0	3.85	38.223	0.0535	-2.5 to 2.5	Pass
				10	3.85	42.672	0.0597	-2.5 to 2.5	Pass
				30	3.85	47.021	0.0658	-2.5 to 2.5	Pass
				40	3.85	1.273	0.0018	-2.5 to 2.5	Pass
				50	3.85	9.384	0.0131	-2.5 to 2.5	Pass

2.1.3 B12_5MHz

Band: 12 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	701.5	25	0	20	3.27	-11.544	-0.0165	-2.5 to 2.5	Pass
					3.85	-30.026	-0.0428	-2.5 to 2.5	Pass
					4.43	-29.540	-0.0421	-2.5 to 2.5	Pass
				-30	3.85	-26.565	-0.0379	-2.5 to 2.5	Pass
				-20	3.85	-8.197	-0.0117	-2.5 to 2.5	Pass
				-10	3.85	-36.407	-0.0519	-2.5 to 2.5	Pass
				0	3.85	-13.218	-0.0188	-2.5 to 2.5	Pass
				10	3.85	-30.055	-0.0428	-2.5 to 2.5	Pass
				30	3.85	-41.671	-0.0594	-2.5 to 2.5	Pass
				40	3.85	-9.785	-0.0139	-2.5 to 2.5	Pass
				50	3.85	-22.273	-0.0318	-2.5 to 2.5	Pass
	707.5	25	0	20	3.27	-2.017	-0.0029	-2.5 to 2.5	Pass
					3.85	-24.405	-0.0345	-2.5 to 2.5	Pass
					4.43	3.333	0.0047	-2.5 to 2.5	Pass
				-30	3.85	34.475	0.0487	-2.5 to 2.5	Pass
				-20	3.85	-2.460	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	8.683	0.0123	-2.5 to 2.5	Pass
				0	3.85	18.253	0.0258	-2.5 to 2.5	Pass
				10	3.85	22.602	0.0319	-2.5 to 2.5	Pass
				30	3.85	27.509	0.0389	-2.5 to 2.5	Pass
				40	3.85	34.132	0.0482	-2.5 to 2.5	Pass
				50	3.85	40.884	0.0578	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-12.889	-0.0181	-2.5 to 2.5	Pass
					3.85	-43.659	-0.0612	-2.5 to 2.5	Pass
					4.43	-8.154	-0.0114	-2.5 to 2.5	Pass
				-30	3.85	-15.378	-0.0216	-2.5 to 2.5	Pass
				-20	3.85	-21.772	-0.0305	-2.5 to 2.5	Pass
				-10	3.85	-26.822	-0.0376	-2.5 to 2.5	Pass
				0	3.85	-28.424	-0.0398	-2.5 to 2.5	Pass
				10	3.85	-31.271	-0.0438	-2.5 to 2.5	Pass
				30	3.85	-30.956	-0.0434	-2.5 to 2.5	Pass
				40	3.85	-30.770	-0.0431	-2.5 to 2.5	Pass
				50	3.85	-32.229	-0.0452	-2.5 to 2.5	Pass
16QAM	701.5	25	0	20	3.27	-29.898	-0.0426	-2.5 to 2.5	Pass
					3.85	-28.453	-0.0406	-2.5 to 2.5	Pass
					4.43	-28.682	-0.0409	-2.5 to 2.5	Pass
				-30	3.85	-30.971	-0.0441	-2.5 to 2.5	Pass
				-20	3.85	-30.813	-0.0439	-2.5 to 2.5	Pass
				-10	3.85	-34.962	-0.0498	-2.5 to 2.5	Pass
				0	3.85	-36.049	-0.0514	-2.5 to 2.5	Pass
				10	3.85	-33.989	-0.0485	-2.5 to 2.5	Pass
				30	3.85	-36.750	-0.0524	-2.5 to 2.5	Pass
				40	3.85	-39.411	-0.0562	-2.5 to 2.5	Pass
				50	3.85	-40.970	-0.0584	-2.5 to 2.5	Pass
	707.5	25	0	20	3.27	1.101	0.0016	-2.5 to 2.5	Pass
					3.85	8.025	0.0113	-2.5 to 2.5	Pass

					4.43	17.824	0.0252	-2.5 to 2.5	Pass
				-30	3.85	25.864	0.0366	-2.5 to 2.5	Pass
				-20	3.85	33.231	0.0470	-2.5 to 2.5	Pass
				-10	3.85	38.667	0.0547	-2.5 to 2.5	Pass
				0	3.85	44.775	0.0633	-2.5 to 2.5	Pass
				10	3.85	2.360	0.0033	-2.5 to 2.5	Pass
				30	3.85	-3.304	-0.0047	-2.5 to 2.5	Pass
				40	3.85	-0.401	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-2.203	-0.0031	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-33.774	-0.0473	-2.5 to 2.5	Pass
					3.85	-26.937	-0.0378	-2.5 to 2.5	Pass
					4.43	-20.270	-0.0284	-2.5 to 2.5	Pass
				-30	3.85	-17.366	-0.0243	-2.5 to 2.5	Pass
				-20	3.85	-16.465	-0.0231	-2.5 to 2.5	Pass
				-10	3.85	-17.467	-0.0245	-2.5 to 2.5	Pass
				0	3.85	-17.924	-0.0251	-2.5 to 2.5	Pass
				10	3.85	-15.092	-0.0212	-2.5 to 2.5	Pass
				30	3.85	-11.058	-0.0155	-2.5 to 2.5	Pass
				40	3.85	-10.371	-0.0145	-2.5 to 2.5	Pass
				50	3.85	-8.769	-0.0123	-2.5 to 2.5	Pass

2.1.4 B12_10MHz

Band: 12 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	704	50	0	20	3.27	-9.327	-0.0132	-2.5 to 2.5	Pass
					3.85	-24.633	-0.0350	-2.5 to 2.5	Pass
					4.43	-40.855	-0.0580	-2.5 to 2.5	Pass
				-30	3.85	-31.457	-0.0447	-2.5 to 2.5	Pass
				-20	3.85	-14.305	-0.0203	-2.5 to 2.5	Pass
				-10	3.85	-31.643	-0.0449	-2.5 to 2.5	Pass
				0	3.85	3.047	0.0043	-2.5 to 2.5	Pass
				10	3.85	-14.534	-0.0206	-2.5 to 2.5	Pass
				30	3.85	-33.646	-0.0478	-2.5 to 2.5	Pass
				40	3.85	-2.189	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-12.174	-0.0173	-2.5 to 2.5	Pass
	707.5	50	0	20	3.27	13.204	0.0187	-2.5 to 2.5	Pass
					3.85	-2.418	-0.0034	-2.5 to 2.5	Pass
					4.43	-18.182	-0.0257	-2.5 to 2.5	Pass
				-30	3.85	-34.747	-0.0491	-2.5 to 2.5	Pass
				-20	3.85	-28.782	-0.0407	-2.5 to 2.5	Pass
				-10	3.85	-6.480	-0.0092	-2.5 to 2.5	Pass
				0	3.85	35.677	0.0504	-2.5 to 2.5	Pass
				10	3.85	23.947	0.0338	-2.5 to 2.5	Pass
				30	3.85	6.037	0.0085	-2.5 to 2.5	Pass
				40	3.85	32.015	0.0453	-2.5 to 2.5	Pass
				50	3.85	44.003	0.0622	-2.5 to 2.5	Pass
	711	50	0	20	3.27	15.879	0.0223	-2.5 to 2.5	Pass
					3.85	37.322	0.0525	-2.5 to 2.5	Pass
					4.43	2.003	0.0028	-2.5 to 2.5	Pass
				-30	3.85	17.867	0.0251	-2.5 to 2.5	Pass
				-20	3.85	32.802	0.0461	-2.5 to 2.5	Pass
				-10	3.85	43.502	0.0612	-2.5 to 2.5	Pass
				0	3.85	7.739	0.0109	-2.5 to 2.5	Pass
				10	3.85	14.091	0.0198	-2.5 to 2.5	Pass
				30	3.85	22.688	0.0319	-2.5 to 2.5	Pass

				40	3.85	33.660	0.0473	-2.5 to 2.5	Pass
				50	3.85	38.352	0.0539	-2.5 to 2.5	Pass
16QAM	704	50	0	20	3.27	-21.887	-0.0311	-2.5 to 2.5	Pass
					3.85	-23.260	-0.0330	-2.5 to 2.5	Pass
					4.43	-25.935	-0.0368	-2.5 to 2.5	Pass
				-30	3.85	-27.852	-0.0396	-2.5 to 2.5	Pass
				-20	3.85	-25.163	-0.0357	-2.5 to 2.5	Pass
				-10	3.85	-24.619	-0.0350	-2.5 to 2.5	Pass
				0	3.85	-28.095	-0.0399	-2.5 to 2.5	Pass
				10	3.85	-29.597	-0.0420	-2.5 to 2.5	Pass
				30	3.85	-28.467	-0.0404	-2.5 to 2.5	Pass
				40	3.85	-28.725	-0.0408	-2.5 to 2.5	Pass
				50	3.85	-27.838	-0.0395	-2.5 to 2.5	Pass
	707.5	50	0	20	3.27	2.575	0.0036	-2.5 to 2.5	Pass
					3.85	16.623	0.0235	-2.5 to 2.5	Pass
					4.43	32.516	0.0460	-2.5 to 2.5	Pass
				-30	3.85	3.891	0.0055	-2.5 to 2.5	Pass
				-20	3.85	21.243	0.0300	-2.5 to 2.5	Pass
				-10	3.85	33.674	0.0476	-2.5 to 2.5	Pass
				0	3.85	21.572	0.0305	-2.5 to 2.5	Pass
				10	3.85	7.524	0.0106	-2.5 to 2.5	Pass
				30	3.85	15.850	0.0224	-2.5 to 2.5	Pass
				40	3.85	23.146	0.0327	-2.5 to 2.5	Pass
				50	3.85	35.191	0.0497	-2.5 to 2.5	Pass
	711	50	0	20	3.27	43.674	0.0614	-2.5 to 2.5	Pass
					3.85	3.648	0.0051	-2.5 to 2.5	Pass
					4.43	23.246	0.0327	-2.5 to 2.5	Pass
				-30	3.85	37.007	0.0520	-2.5 to 2.5	Pass
				-20	3.85	44.918	0.0632	-2.5 to 2.5	Pass
				-10	3.85	4.334	0.0061	-2.5 to 2.5	Pass
				0	3.85	12.803	0.0180	-2.5 to 2.5	Pass
				10	3.85	25.148	0.0354	-2.5 to 2.5	Pass
				30	3.85	32.859	0.0462	-2.5 to 2.5	Pass
				40	3.85	39.496	0.0555	-2.5 to 2.5	Pass
				50	3.85	43.073	0.0606	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B12_1.4MHz

Band: 12 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	707.5	6	0	Refer To Test Graph		Pass
16QAM	707.5	6	0	Refer To Test Graph		Pass

3.1.2 B12_3MHz

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

3.1.3 B12_5MHz

Band: 12 / Bandwidth: 5MHz / 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

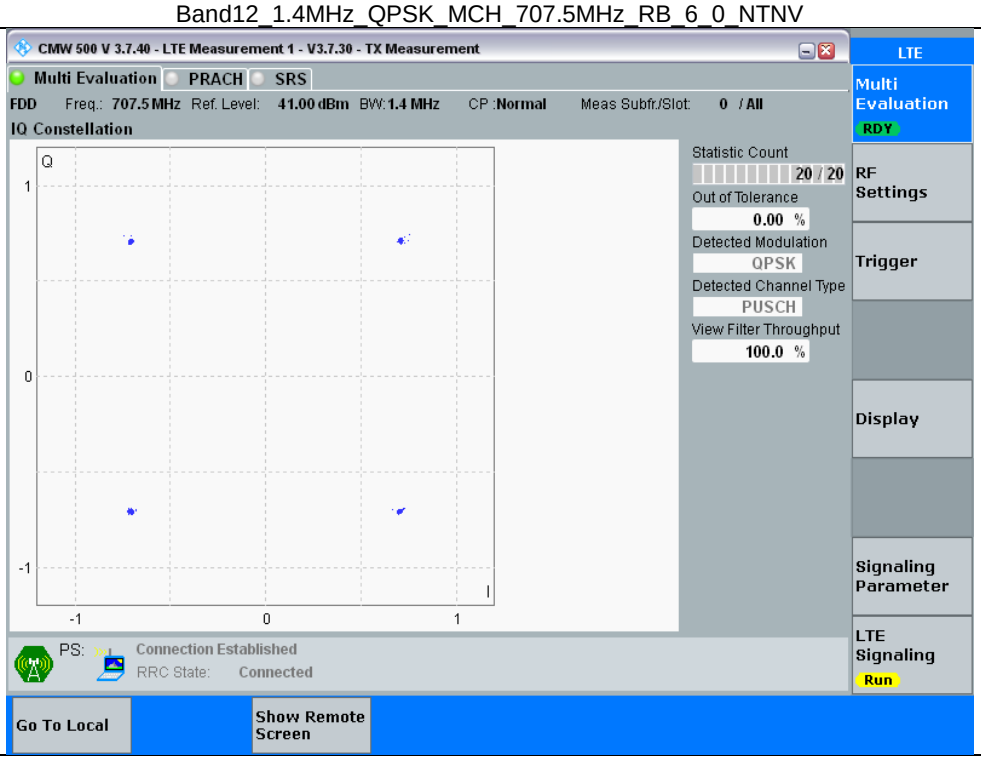
3.1.4 B12_10MHz

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

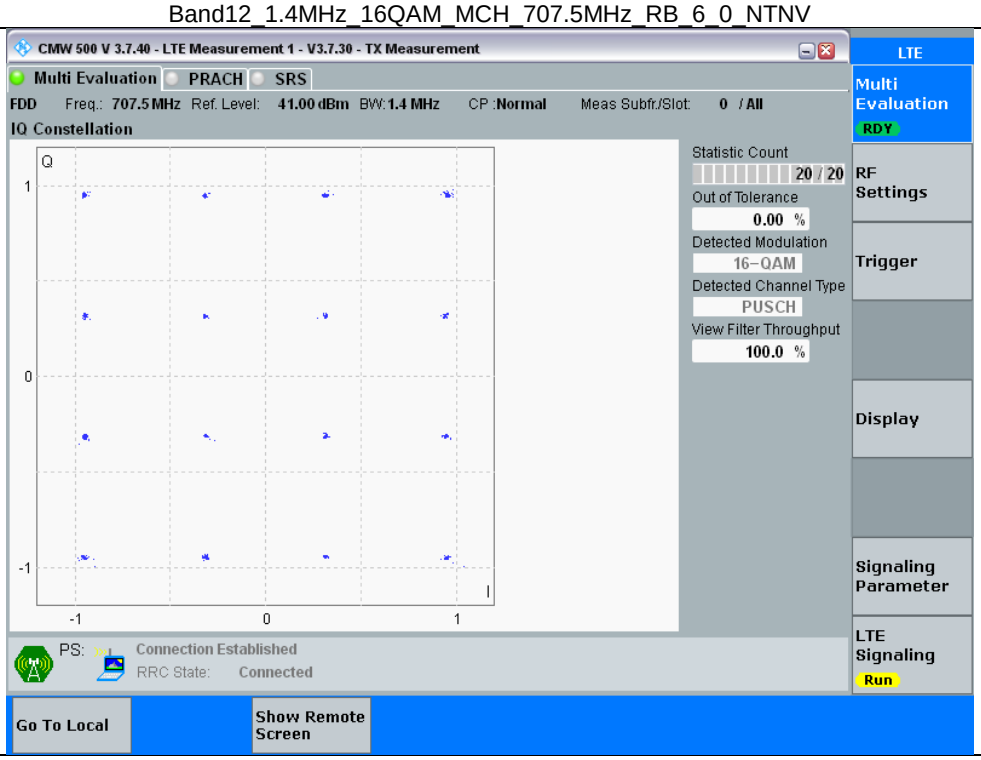
3.2 Test Graph

3.2.1 B12_1.4MHz

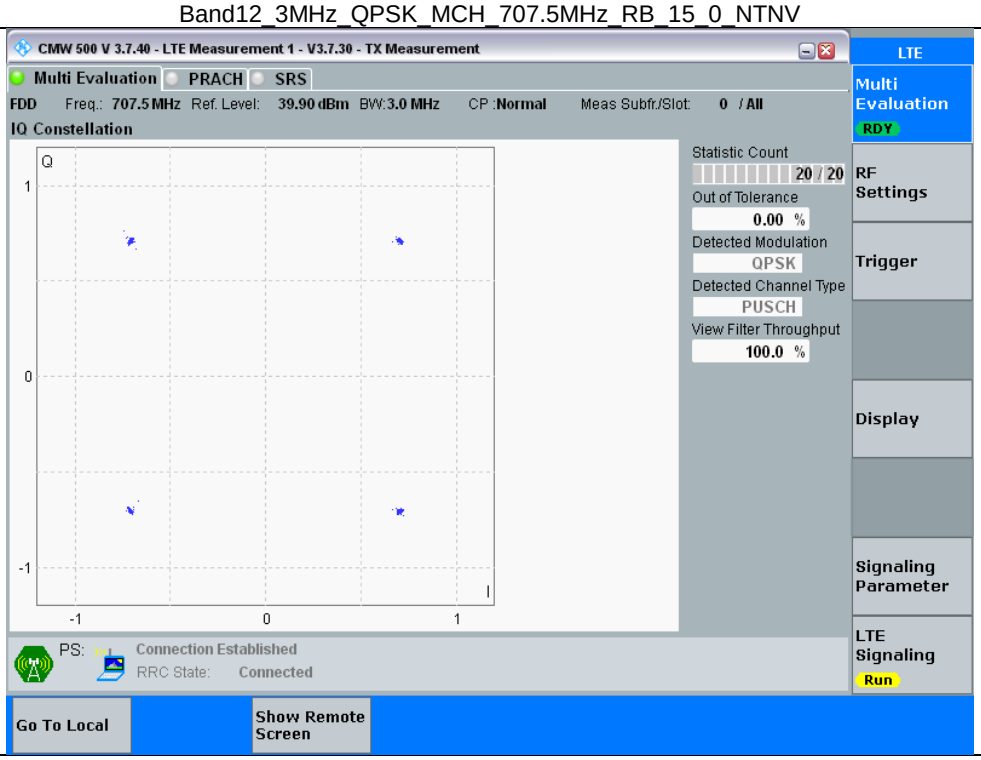
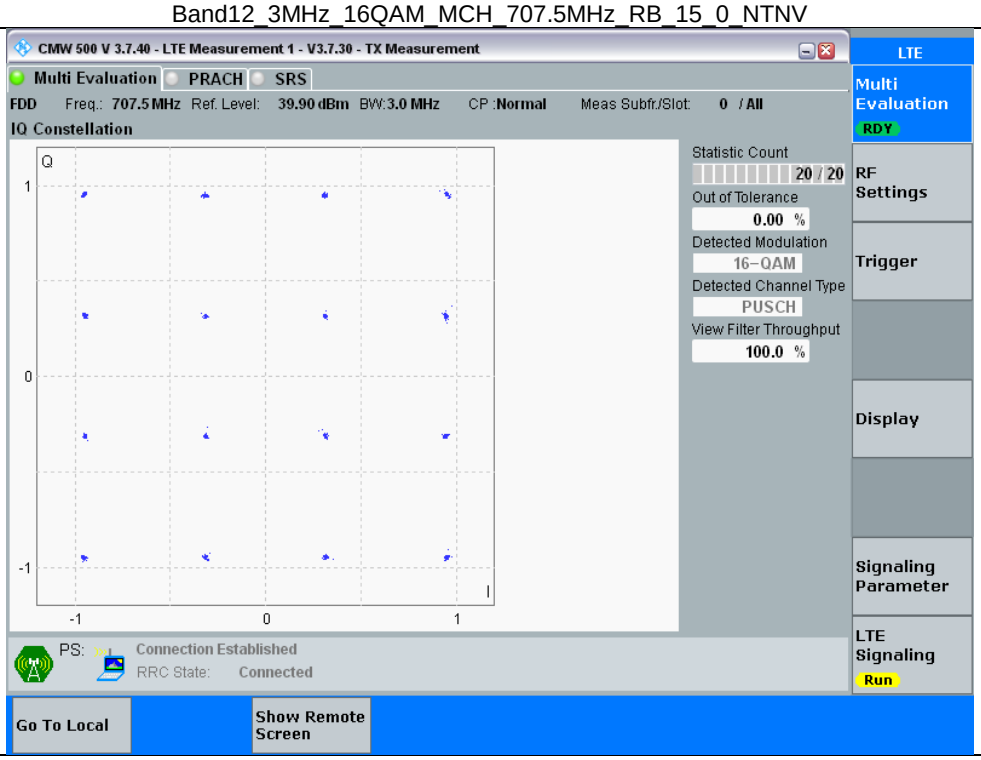
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_6_0_NTNV



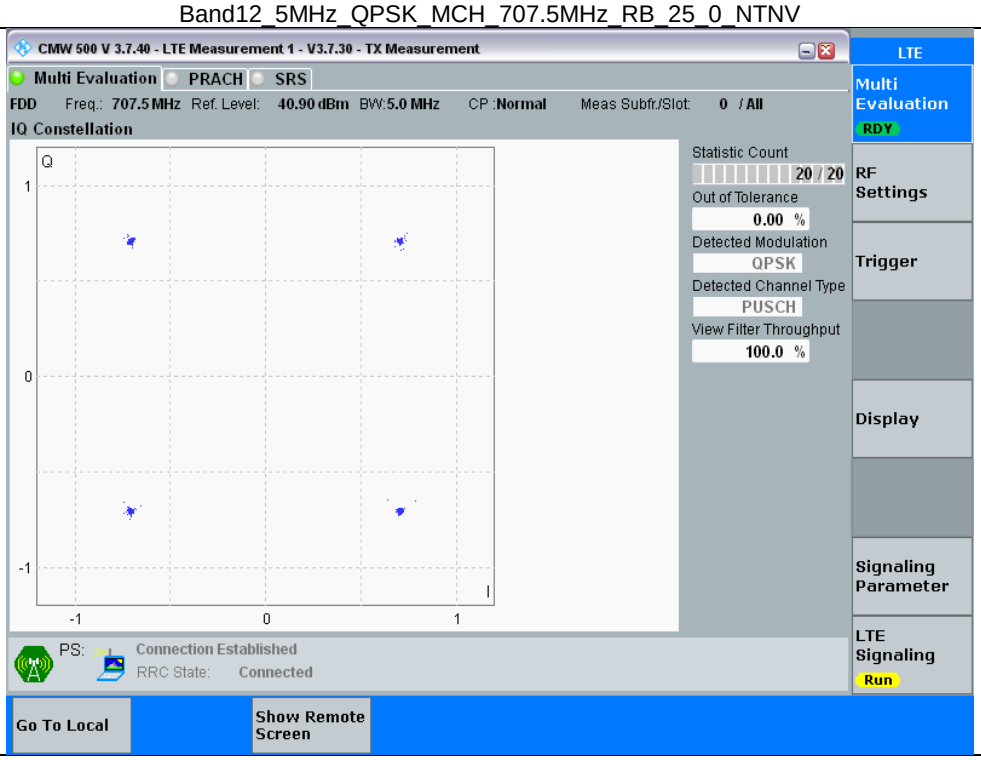
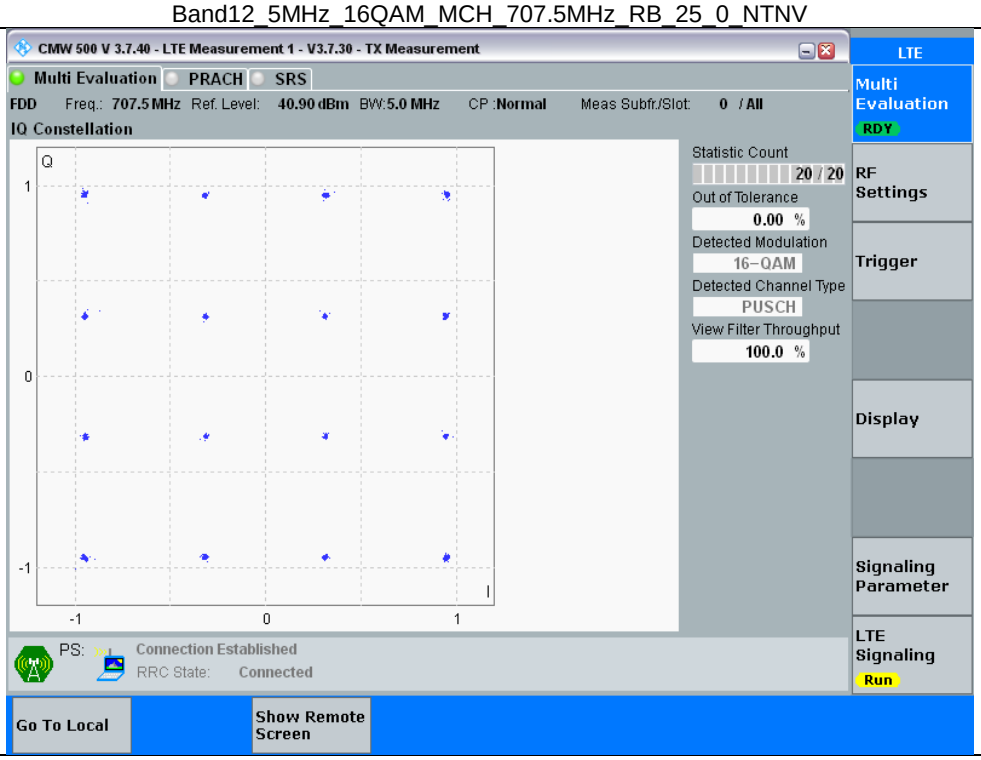
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



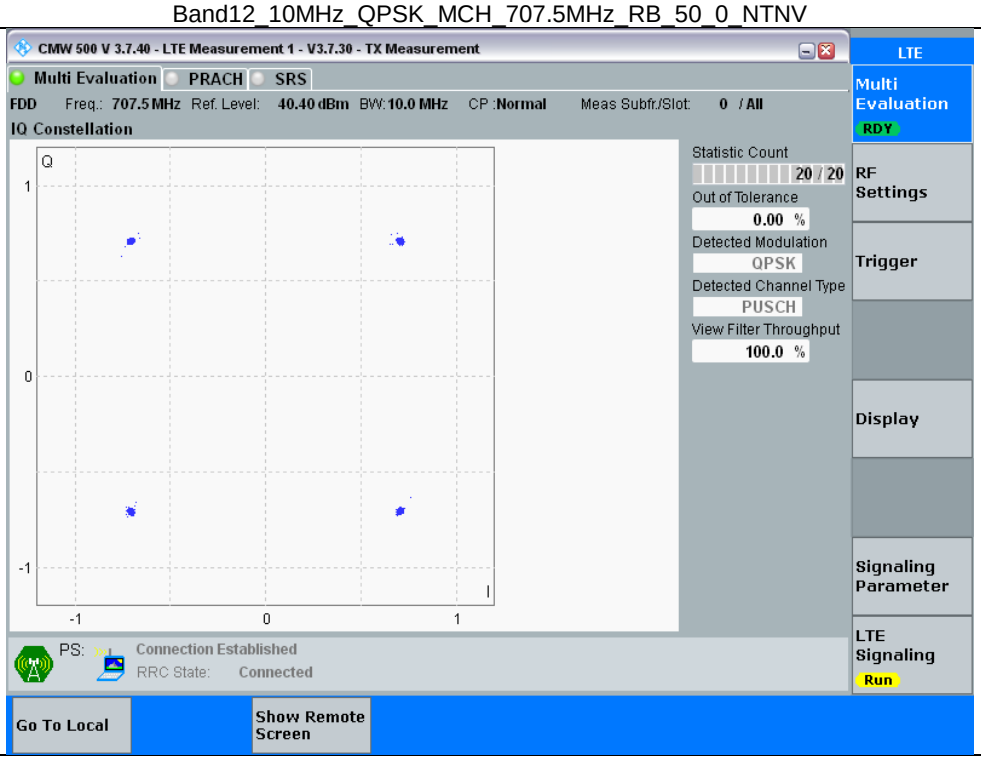
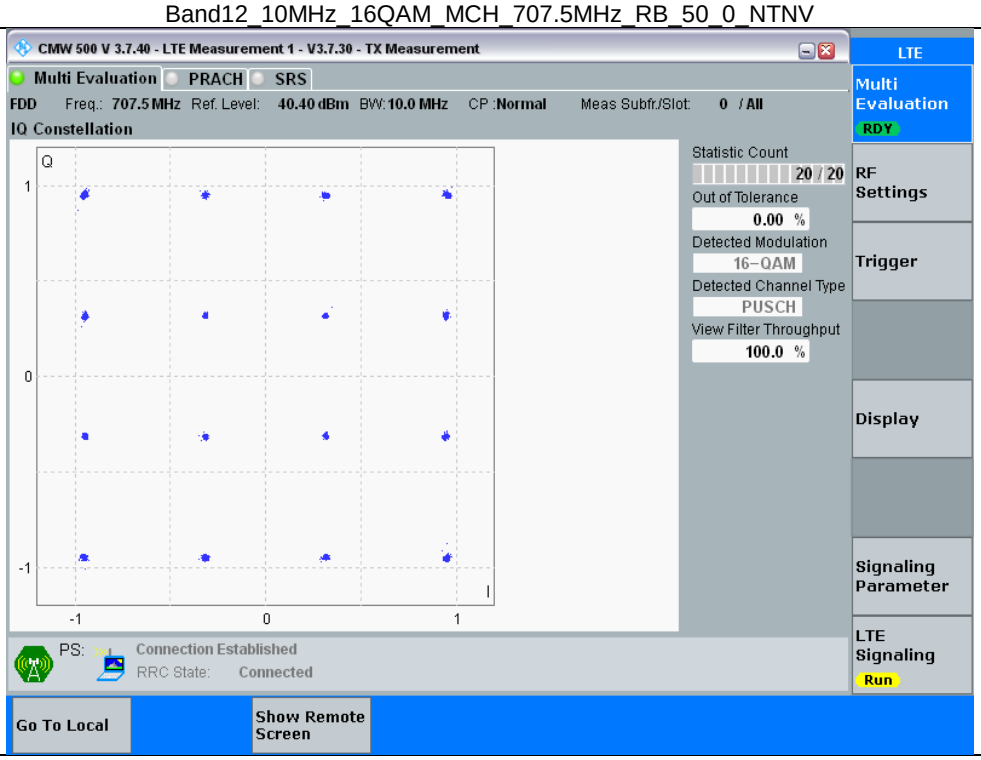
3.2.2 B12_3MHz

Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV

Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV


3.2.3 B12_5MHz

Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV

Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV


3.2.4 B12_10MHz

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 Test Result

4.1.1 Band12_OBW

Band: 12 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	699.7	6	0	1.109	/	Pass
		707.5	6	0	1.115	/	Pass
		715.3	6	0	1.112	/	Pass
	16QAM	699.7	6	0	1.120	/	Pass
		707.5	6	0	1.111	/	Pass
		715.3	6	0	1.108	/	Pass
3	QPSK	700.5	15	0	2.754	/	Pass
		707.5	15	0	2.749	/	Pass
		714.5	15	0	2.759	/	Pass
	16QAM	700.5	15	0	2.769	/	Pass
		707.5	15	0	2.747	/	Pass
		714.5	15	0	2.774	/	Pass
5	QPSK	701.5	25	0	4.539	/	Pass
		707.5	25	0	4.560	/	Pass
		713.5	25	0	4.556	/	Pass
	16QAM	701.5	25	0	4.538	/	Pass
		707.5	25	0	4.583	/	Pass
		713.5	25	0	4.517	/	Pass
10	QPSK	704	50	0	9.072	/	Pass
		707.5	50	0	9.075	/	Pass
		711	50	0	9.063	/	Pass
	16QAM	704	50	0	9.064	/	Pass
		707.5	50	0	9.092	/	Pass
		711	50	0	9.067	/	Pass

4.1.2 Band12_XDB

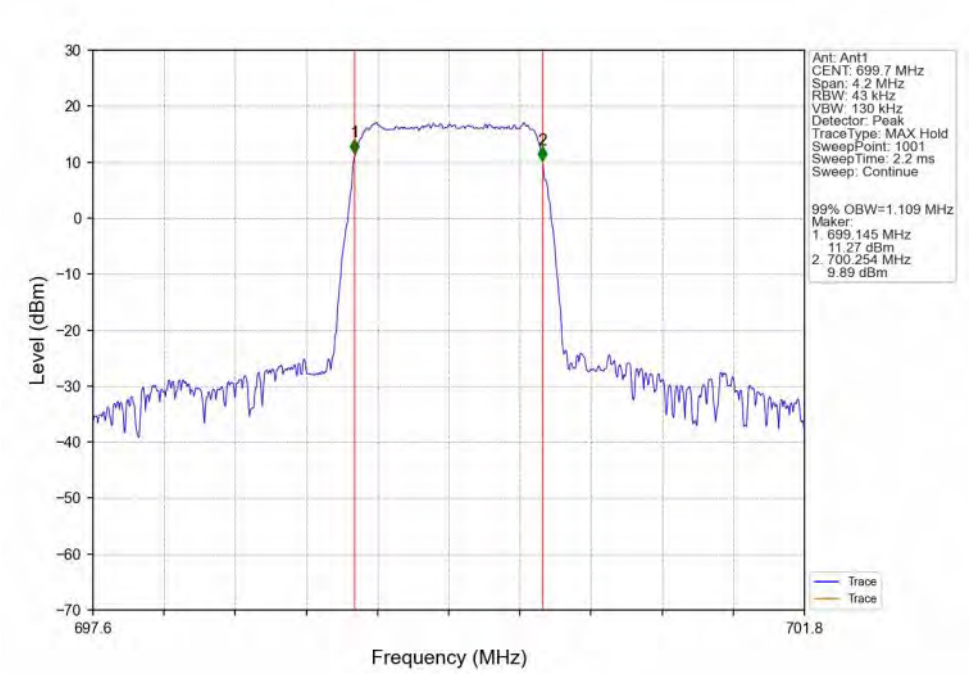
Band: 12 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	699.7	6	0	1.270	/	Pass
		707.5	6	0	1.269	/	Pass
		715.3	6	0	1.270	/	Pass
	16QAM	699.7	6	0	1.265	/	Pass
		707.5	6	0	1.282	/	Pass
		715.3	6	0	1.264	/	Pass
3	QPSK	700.5	15	0	3.083	/	Pass
		707.5	15	0	3.090	/	Pass
		714.5	15	0	3.104	/	Pass
	16QAM	700.5	15	0	3.137	/	Pass
		707.5	15	0	3.094	/	Pass
		714.5	15	0	3.109	/	Pass
5	QPSK	701.5	25	0	5.062	/	Pass
		707.5	25	0	5.083	/	Pass
		713.5	25	0	5.064	/	Pass

	16QAM	701.5	25	0	5.045	/	Pass
		707.5	25	0	5.092	/	Pass
		713.5	25	0	5.057	/	Pass
10	QPSK	704	50	0	10.017	/	Pass
		707.5	50	0	10.086	/	Pass
		711	50	0	9.976	/	Pass
	16QAM	704	50	0	10.017	/	Pass
		707.5	50	0	10.068	/	Pass
		711	50	0	10.005	/	Pass

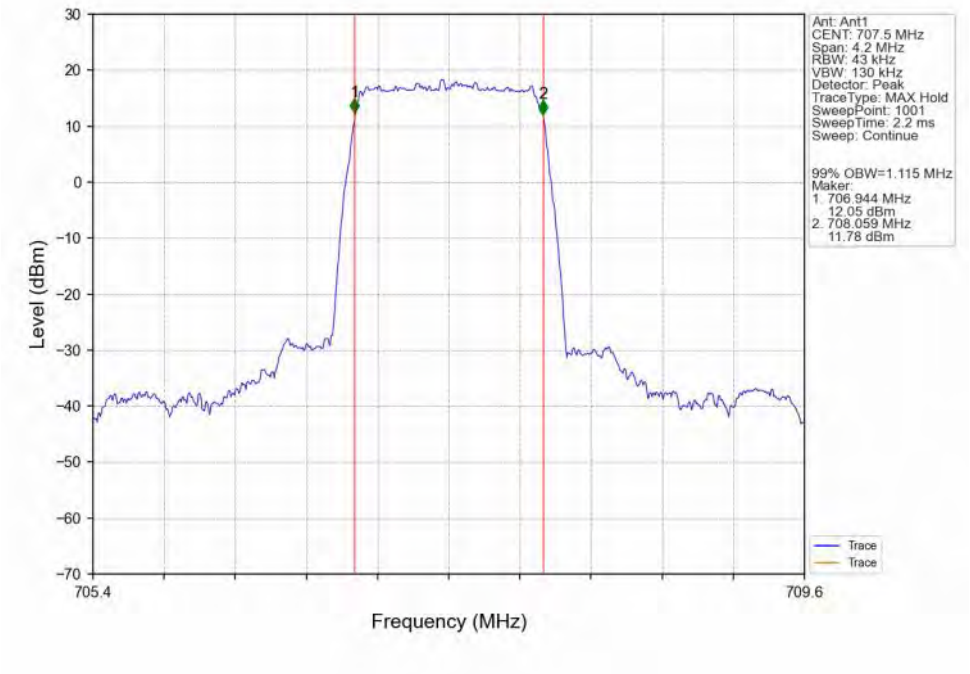
4.2 Test Graph

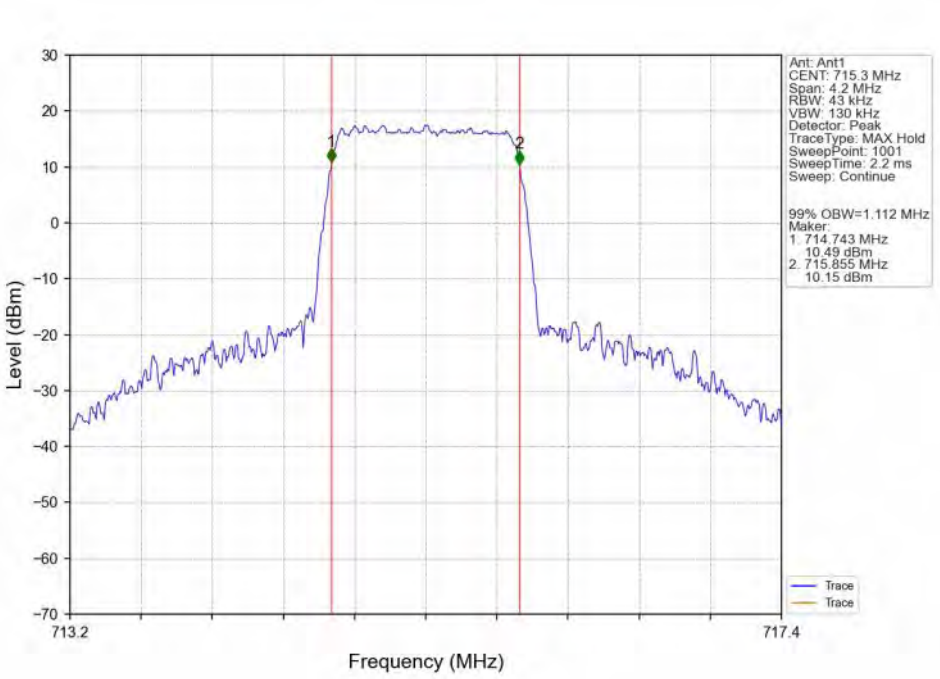
4.2.1 Band12_OBW

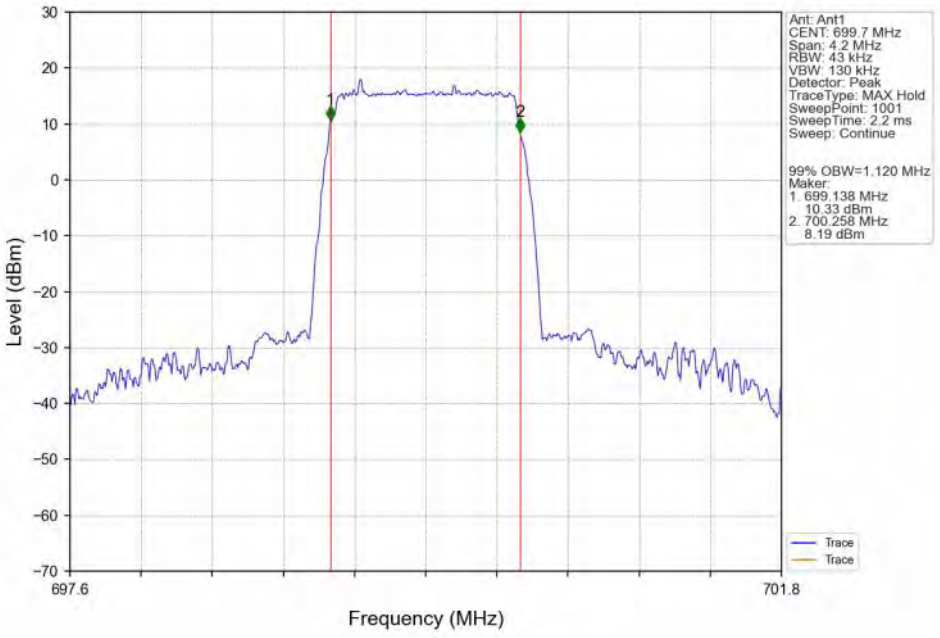
Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV



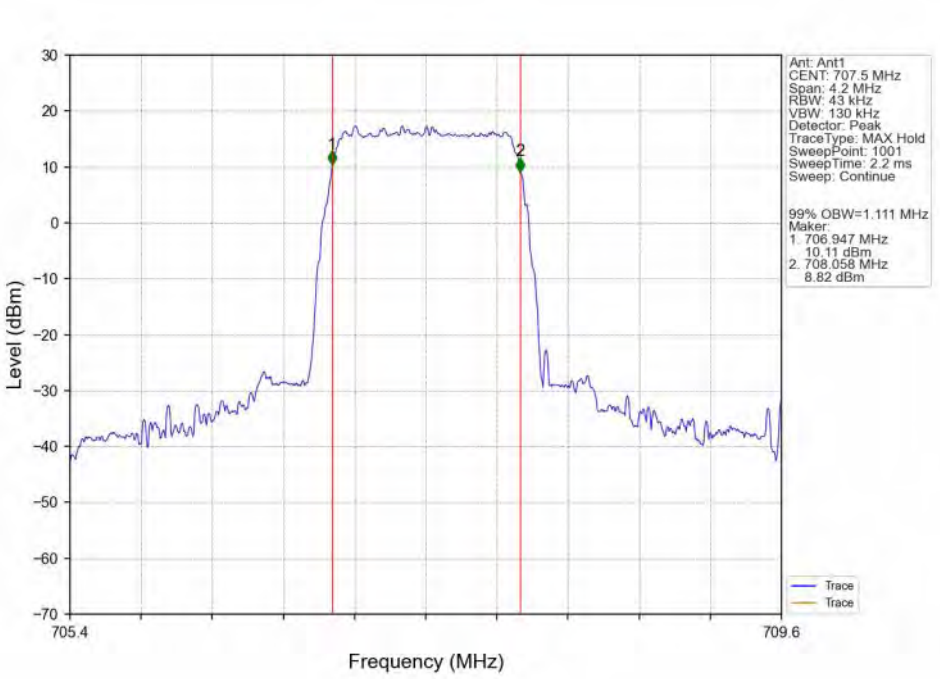
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_6_0_NTNV



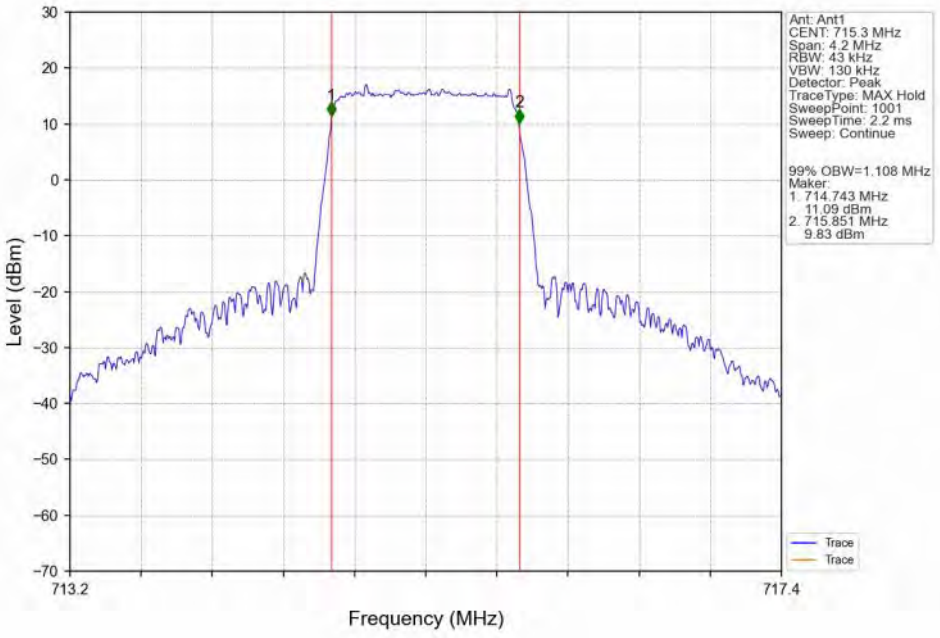
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV


Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV


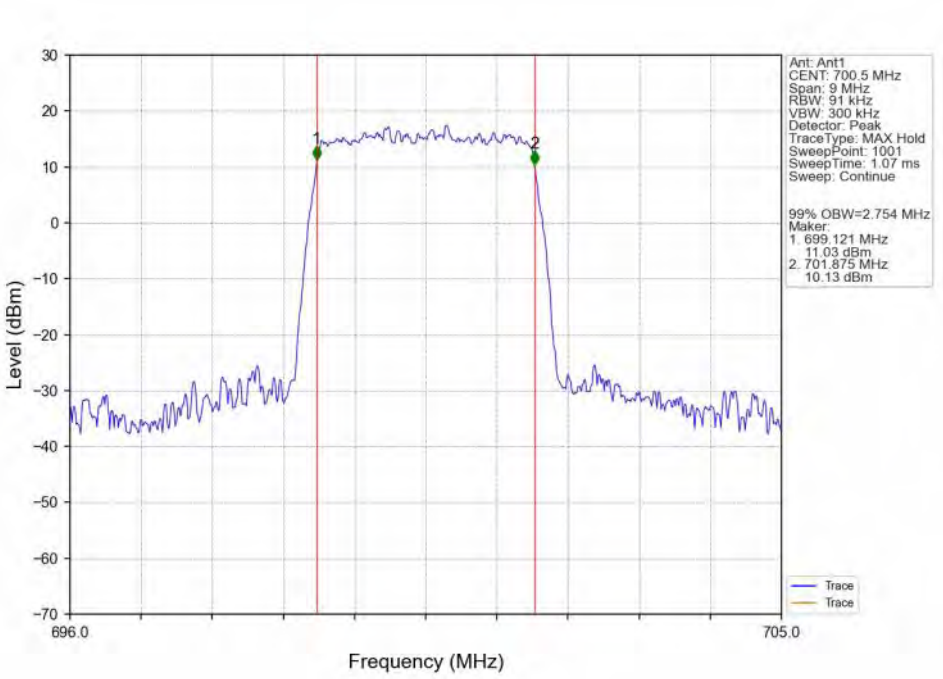
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



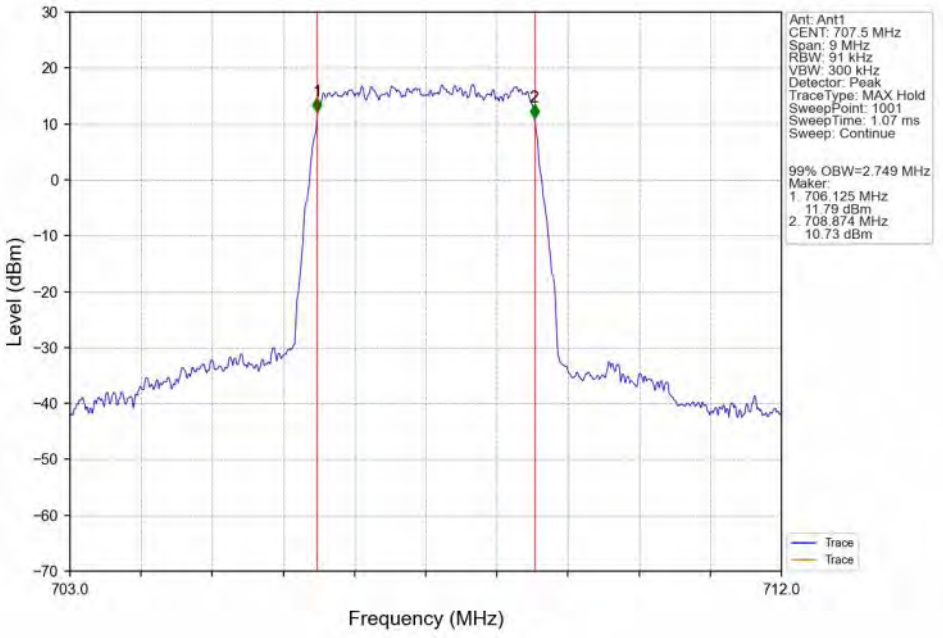
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



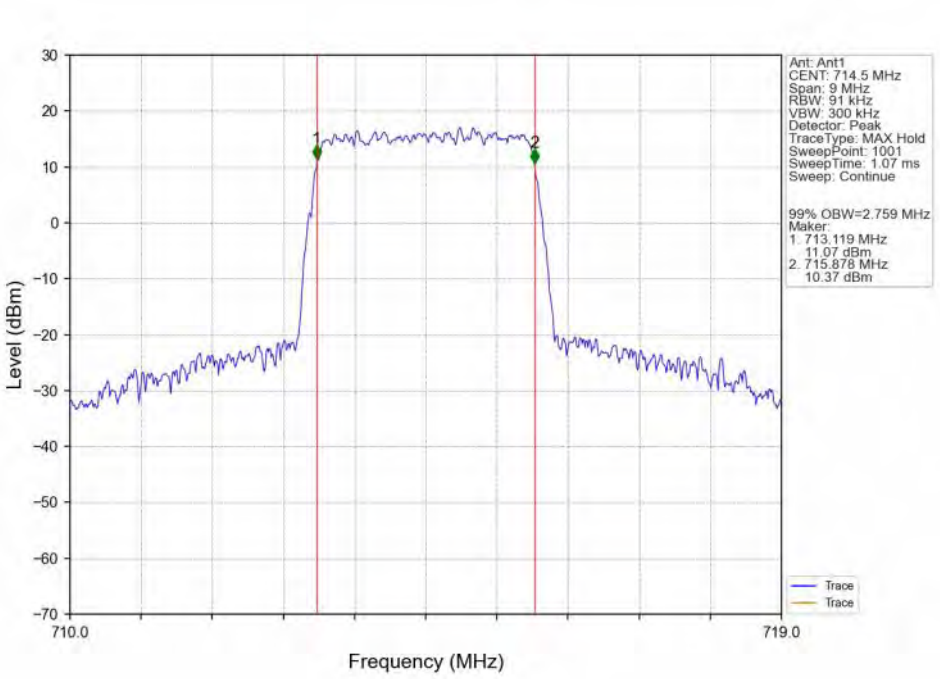
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



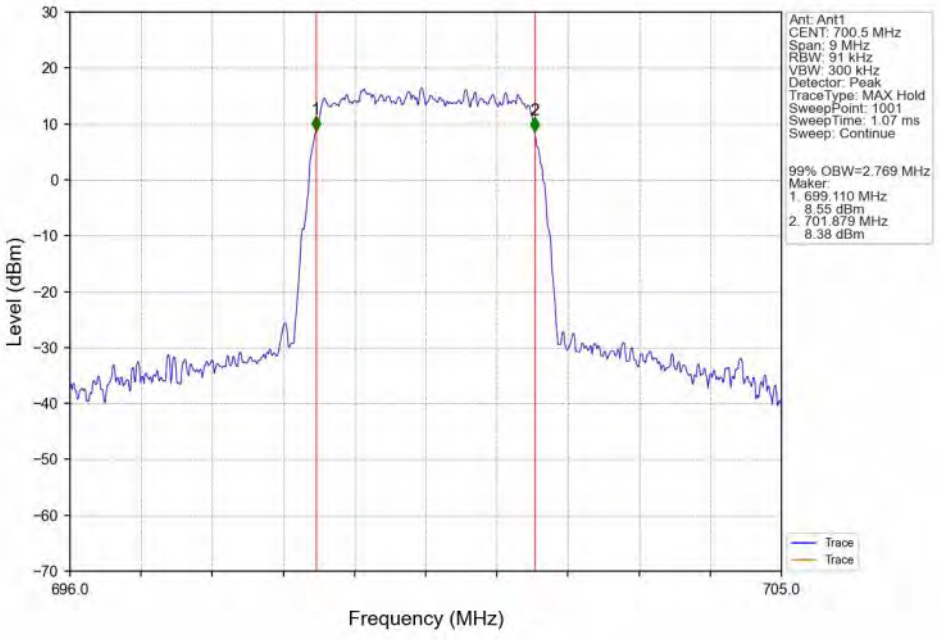
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



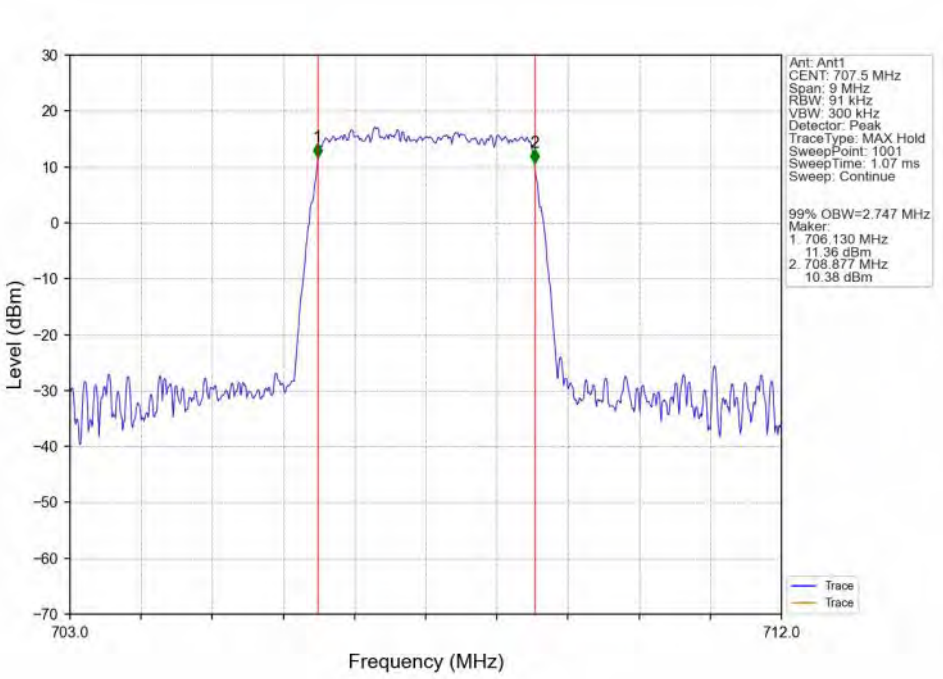
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



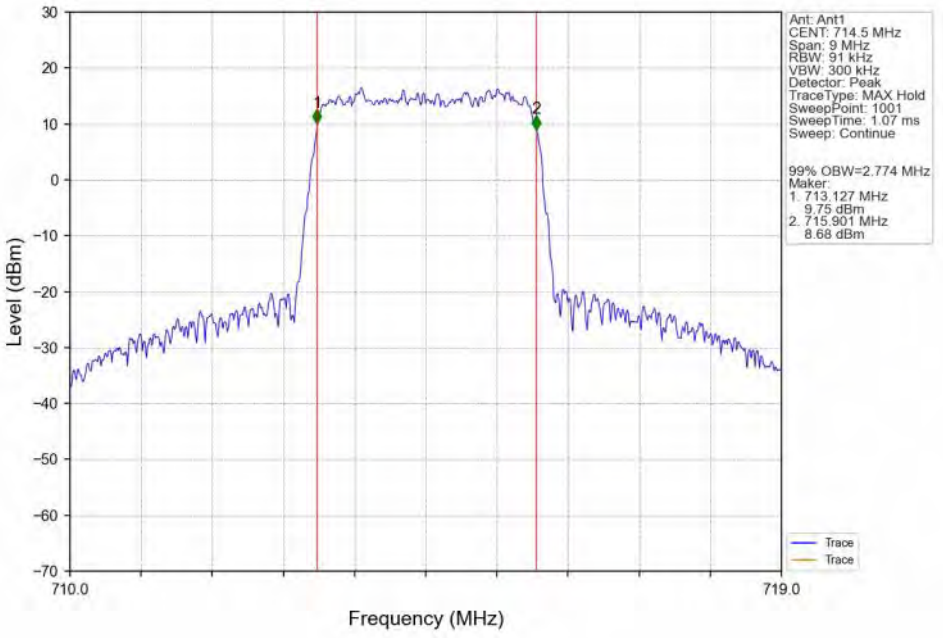
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



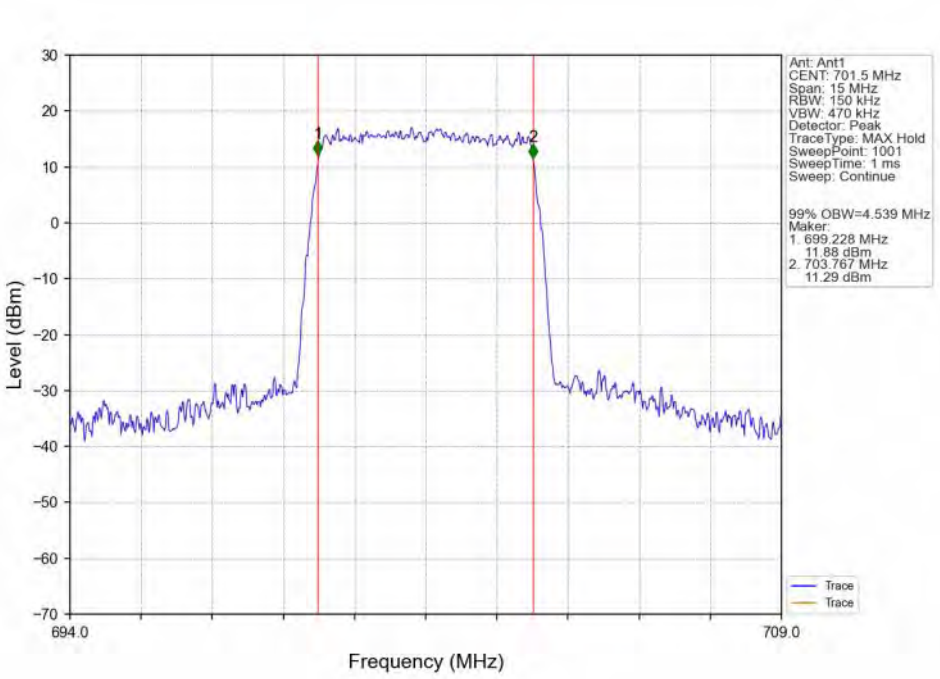
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



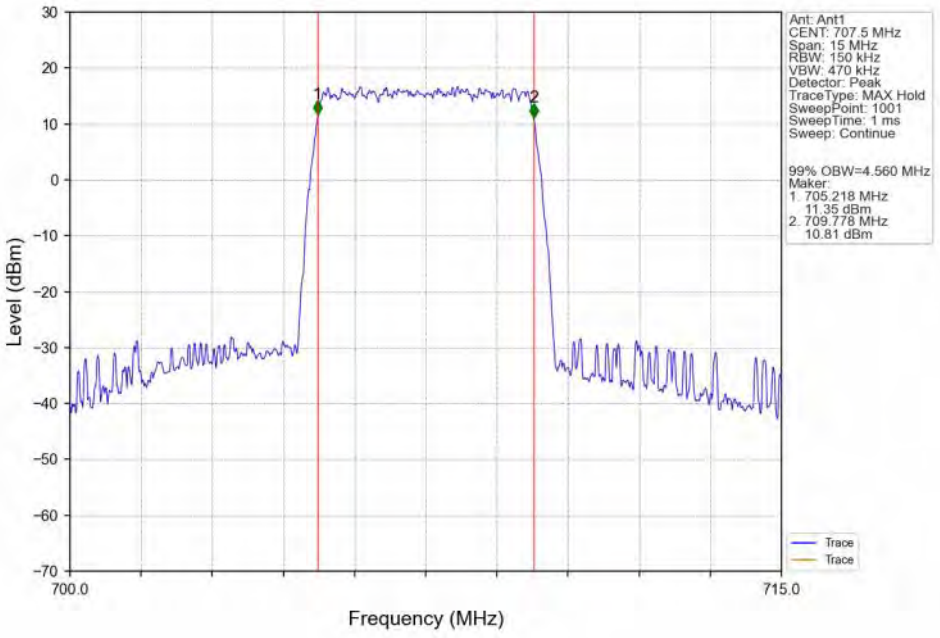
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



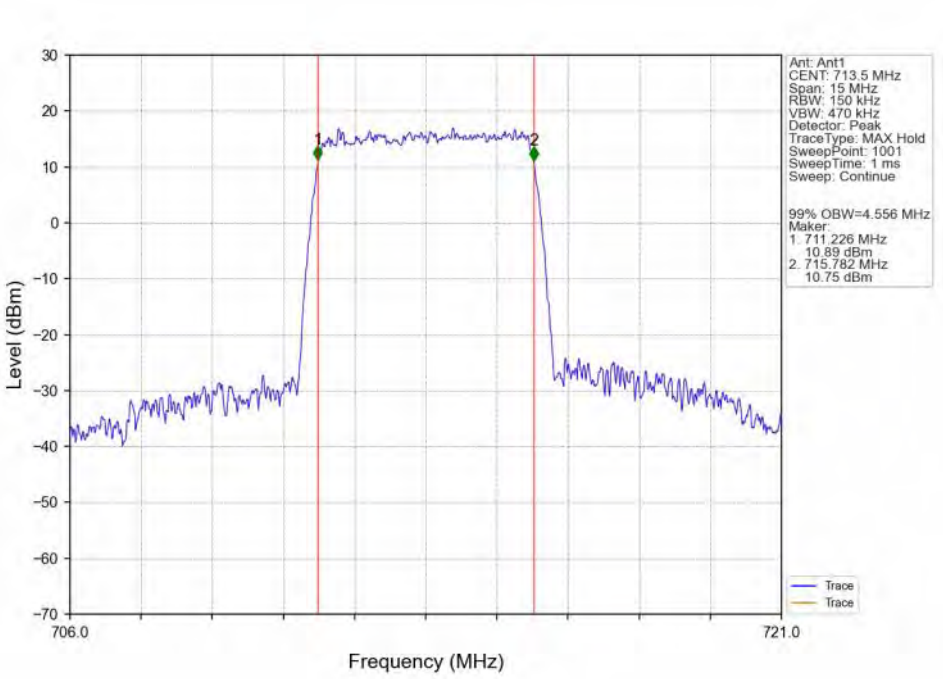
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



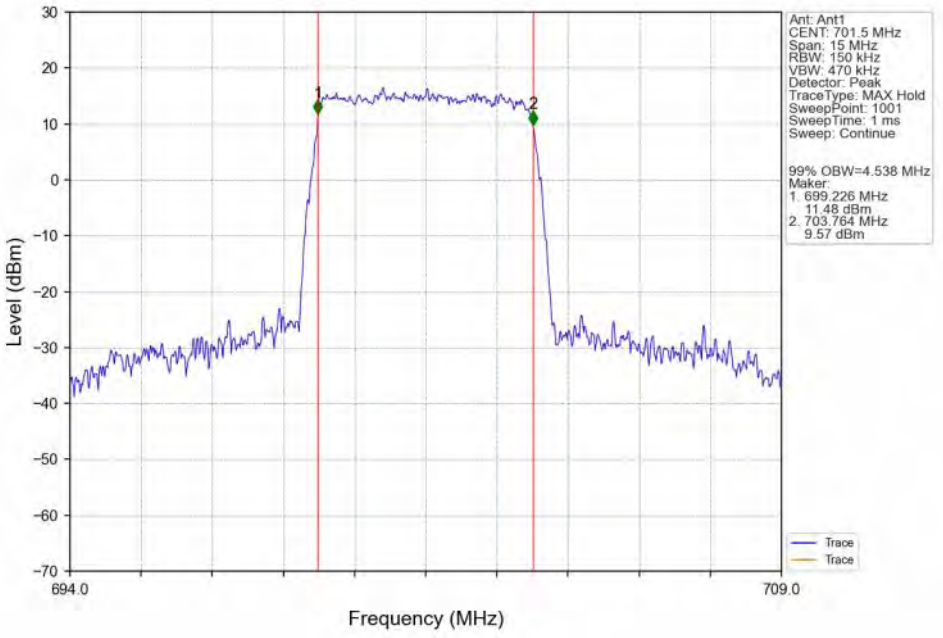
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



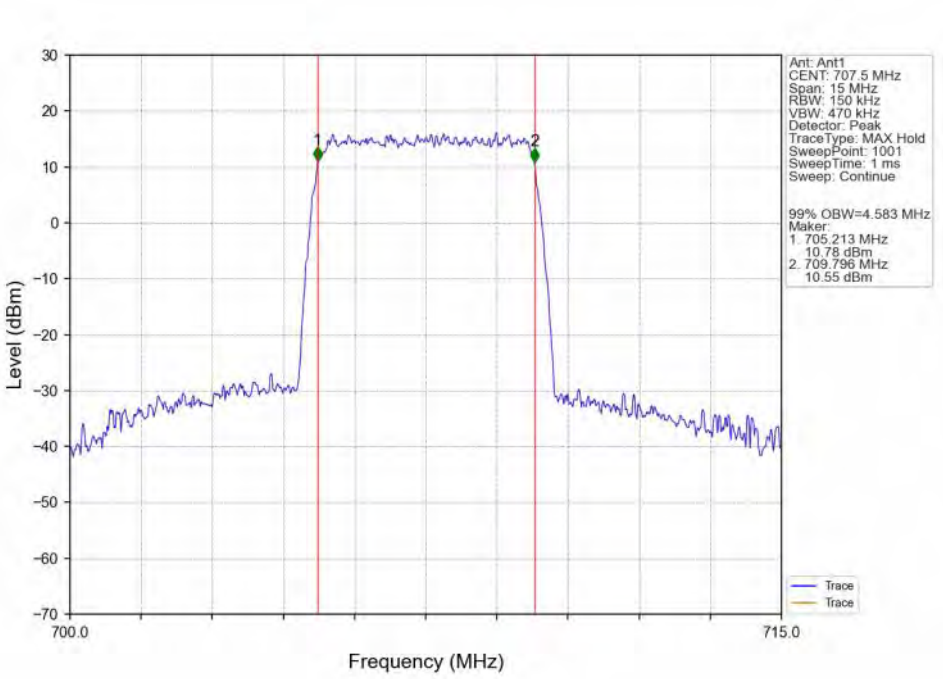
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



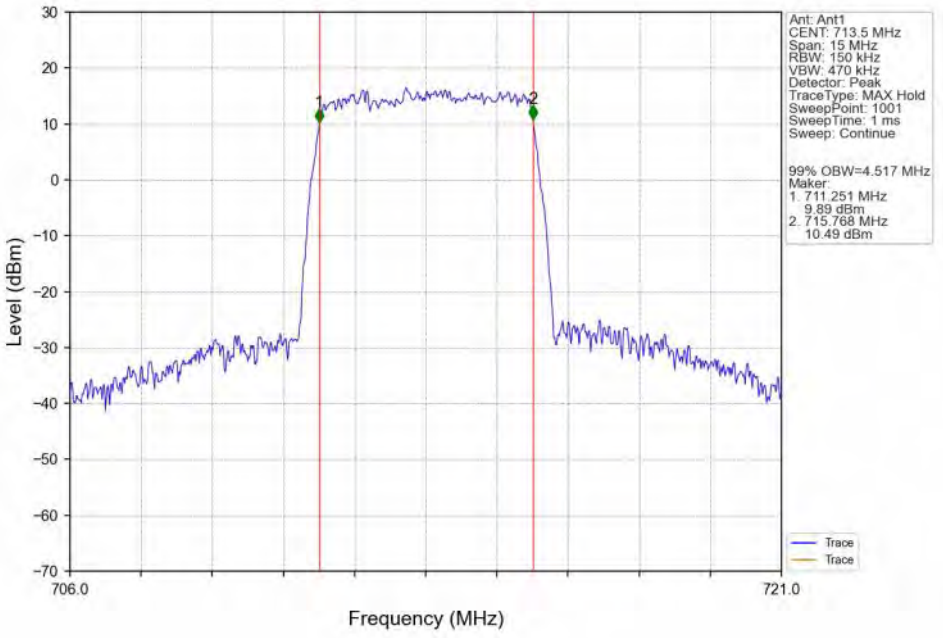
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



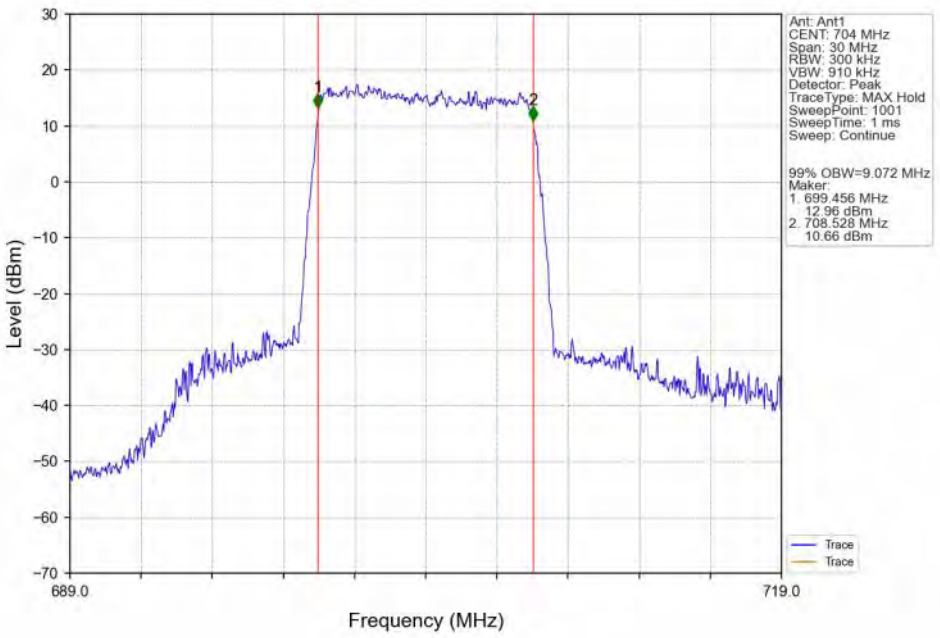
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



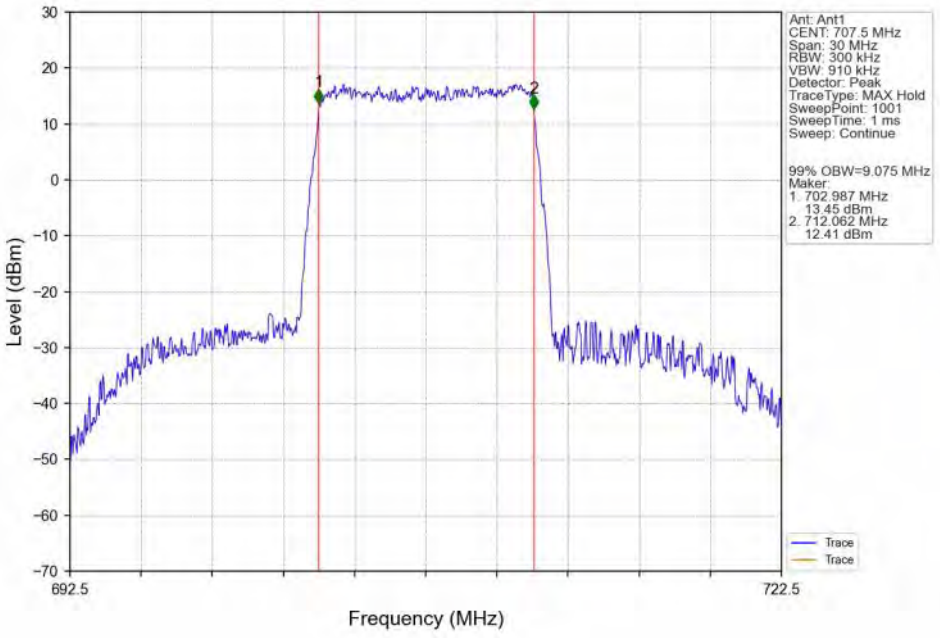
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



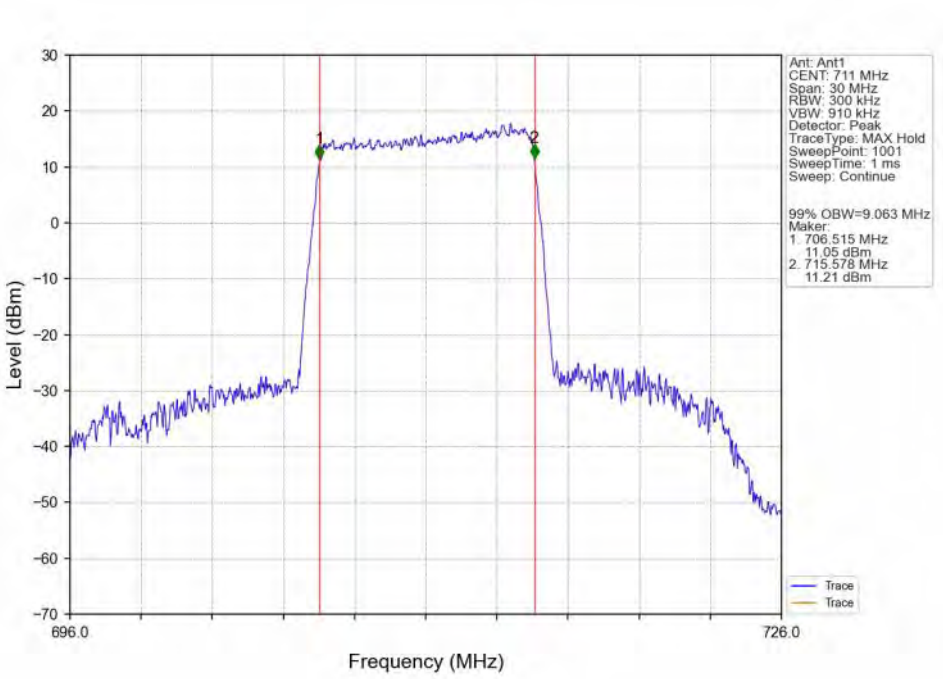
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



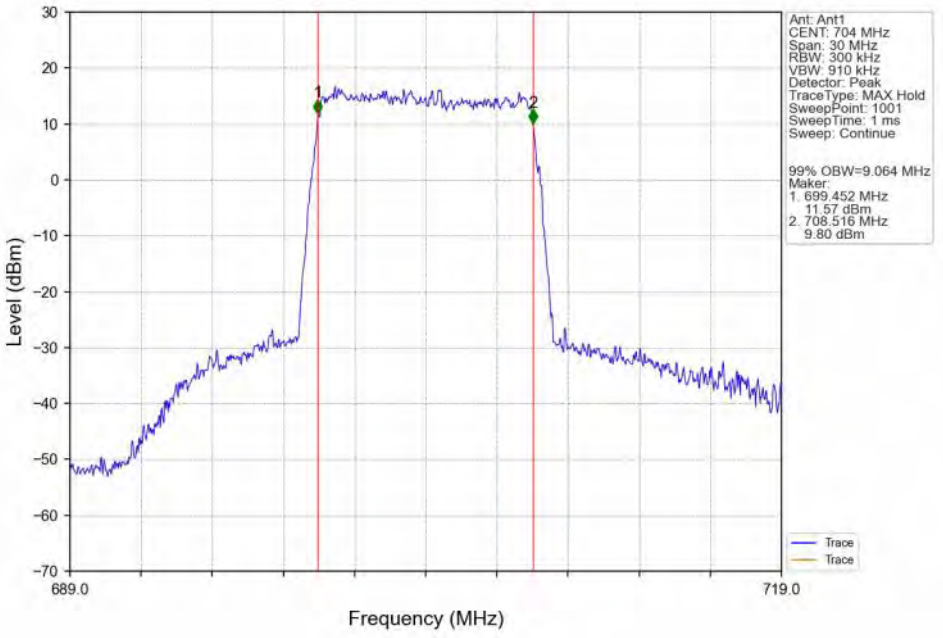
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



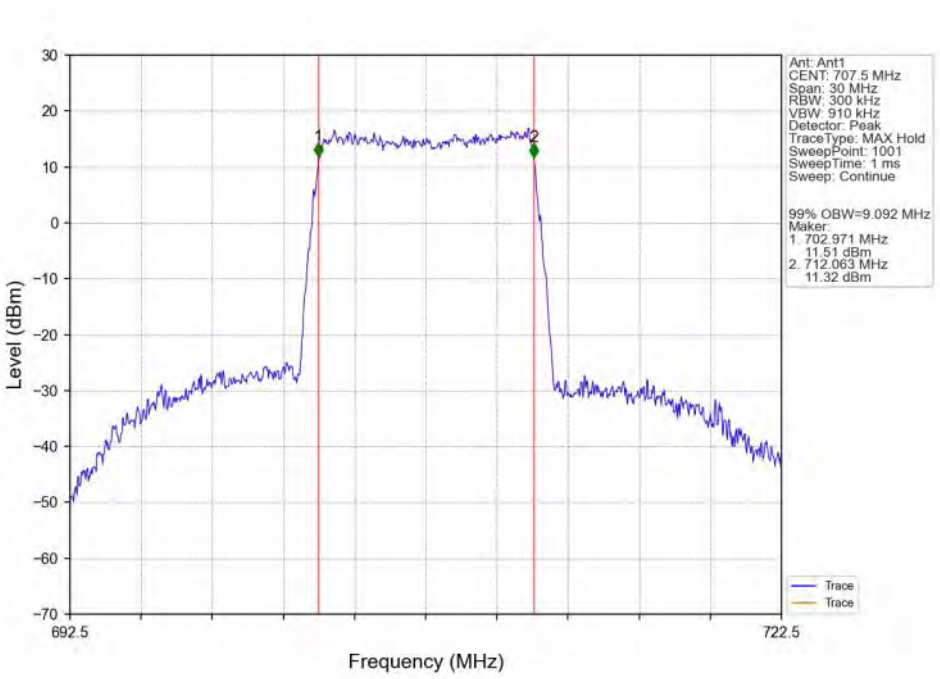
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



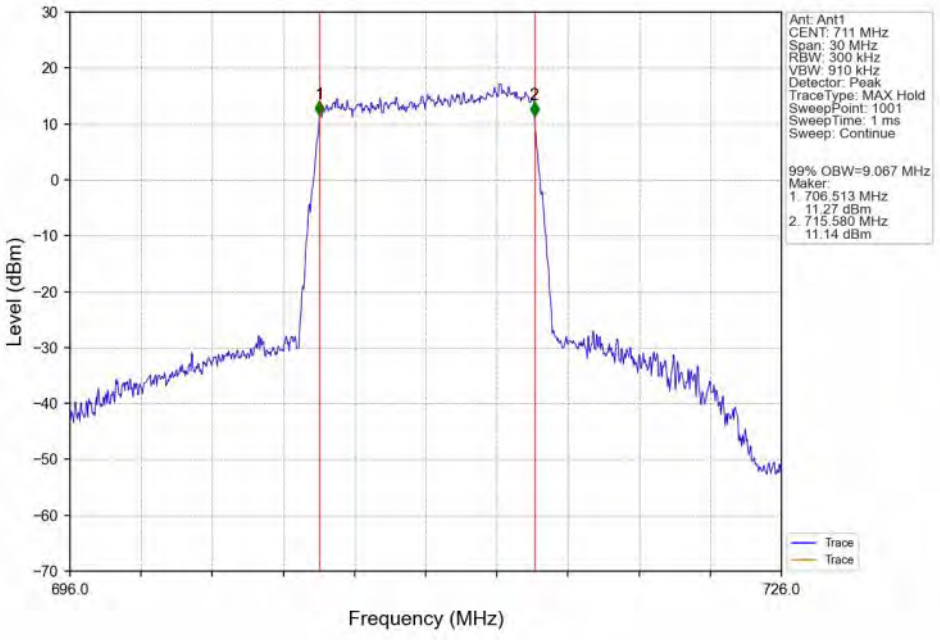
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



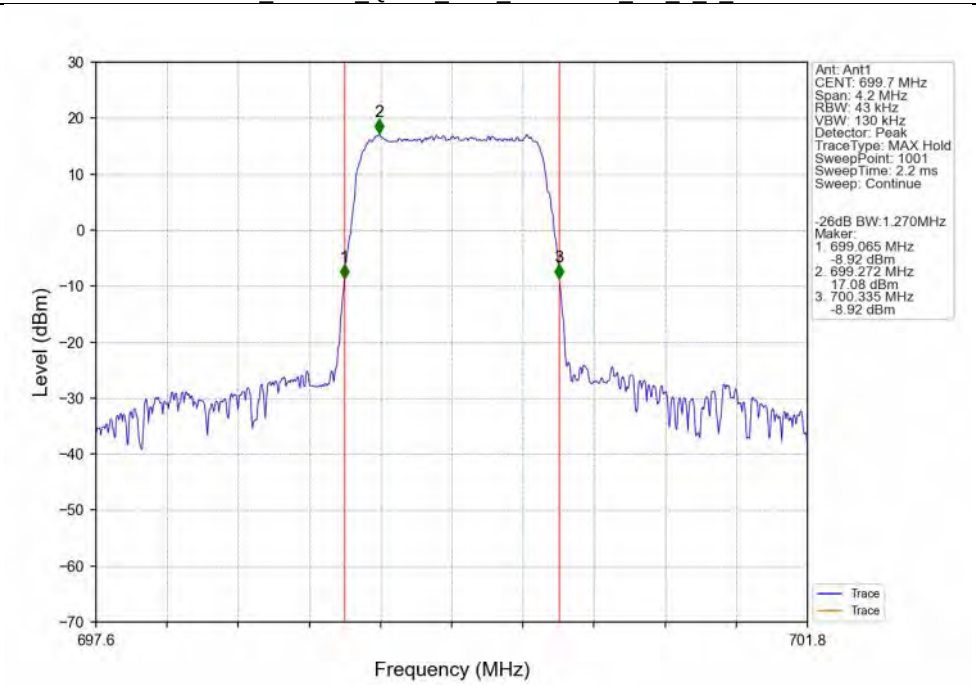
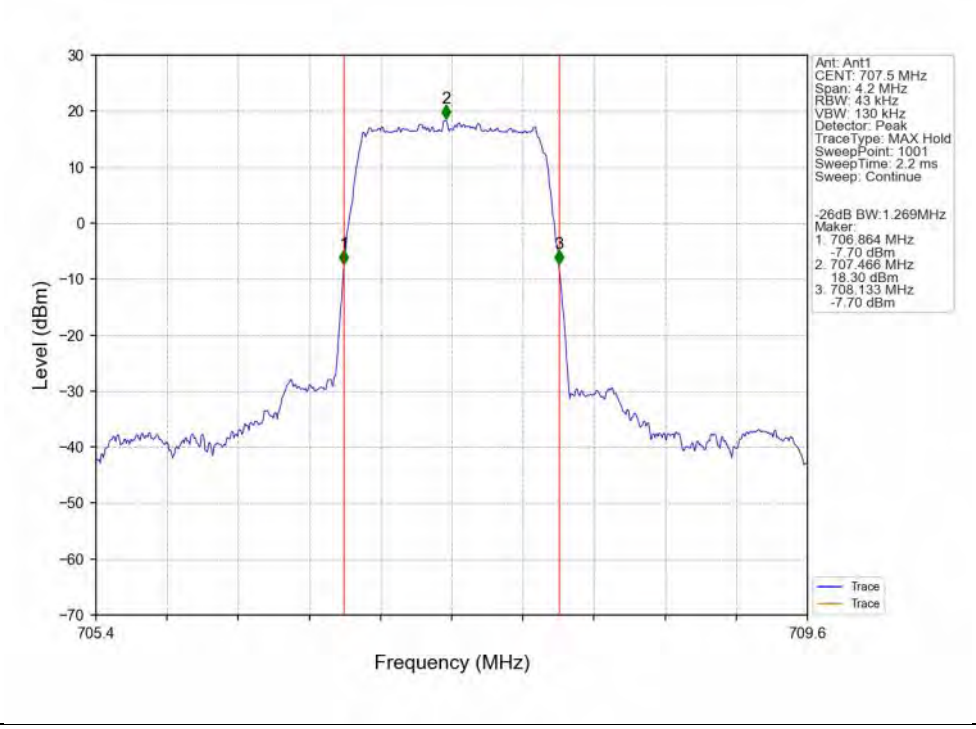
Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



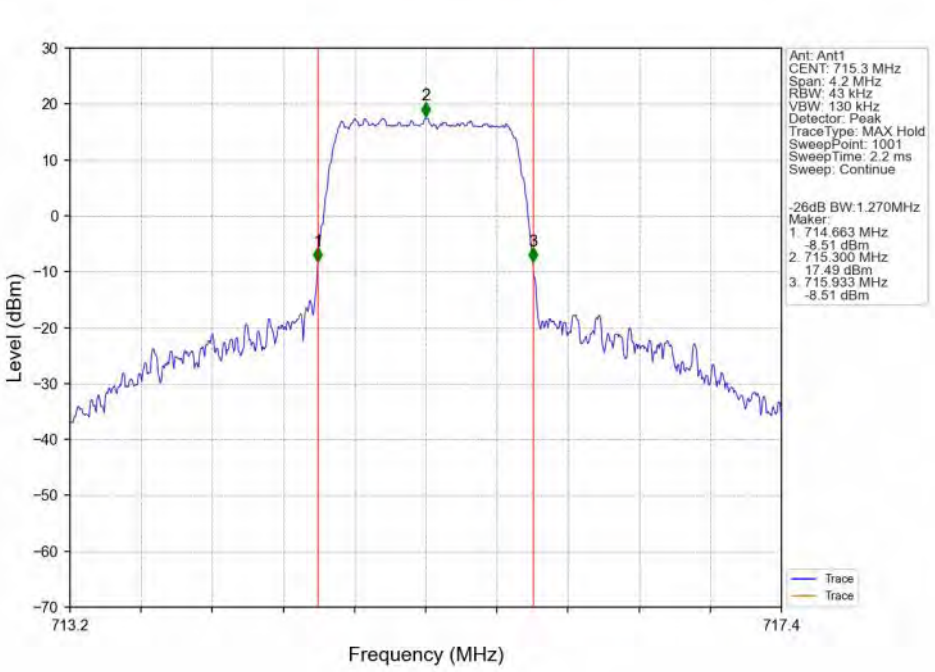
Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



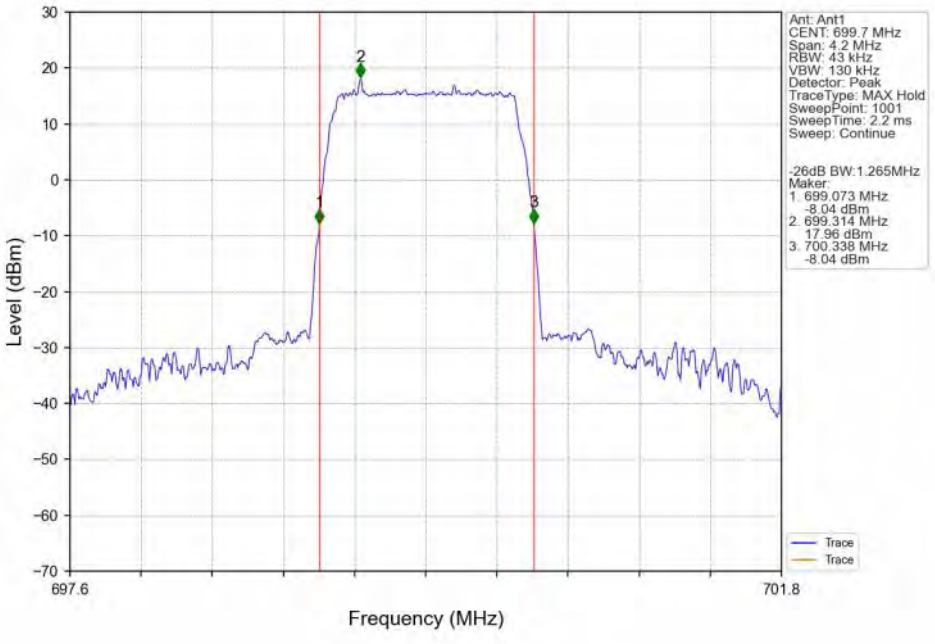
4.2.2 Band12_XDB

Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV

Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_6_0_NTNV


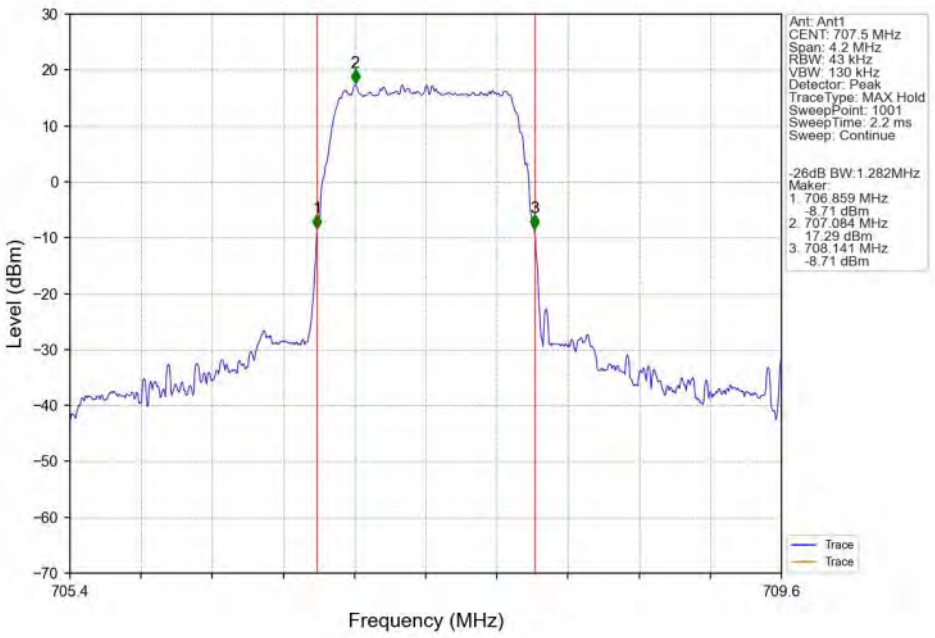
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



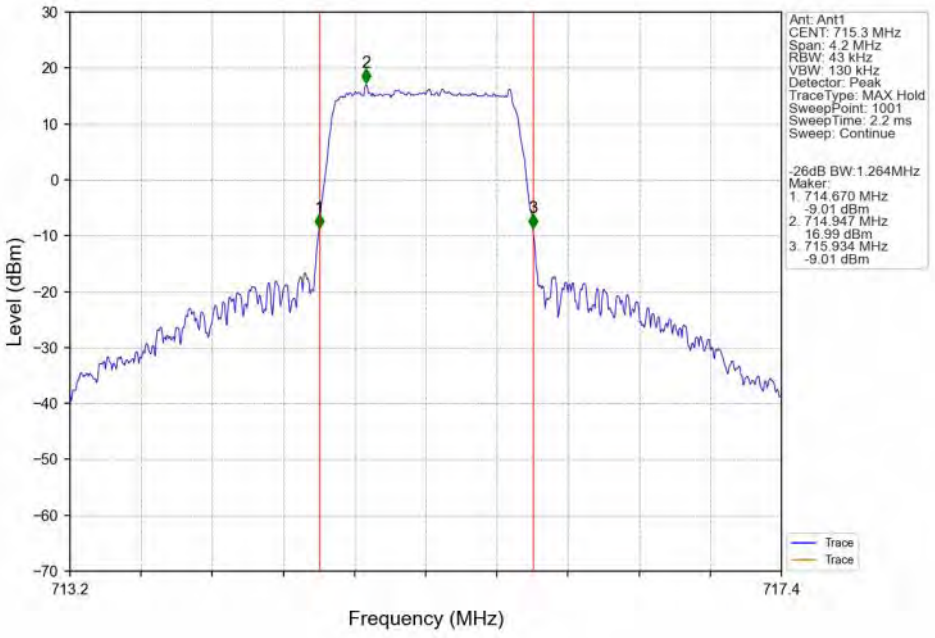
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



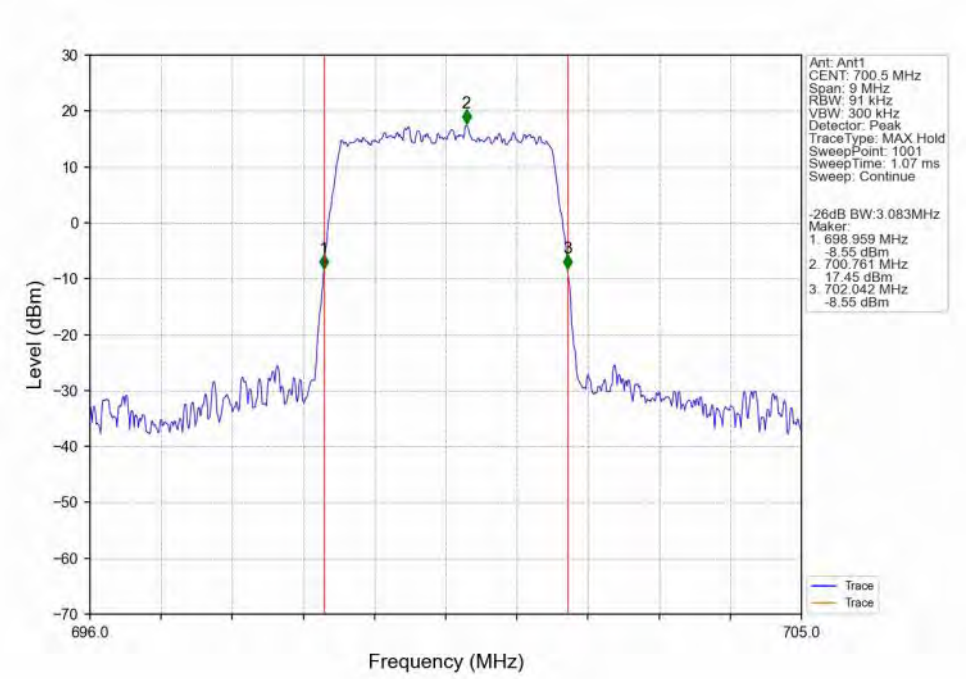
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



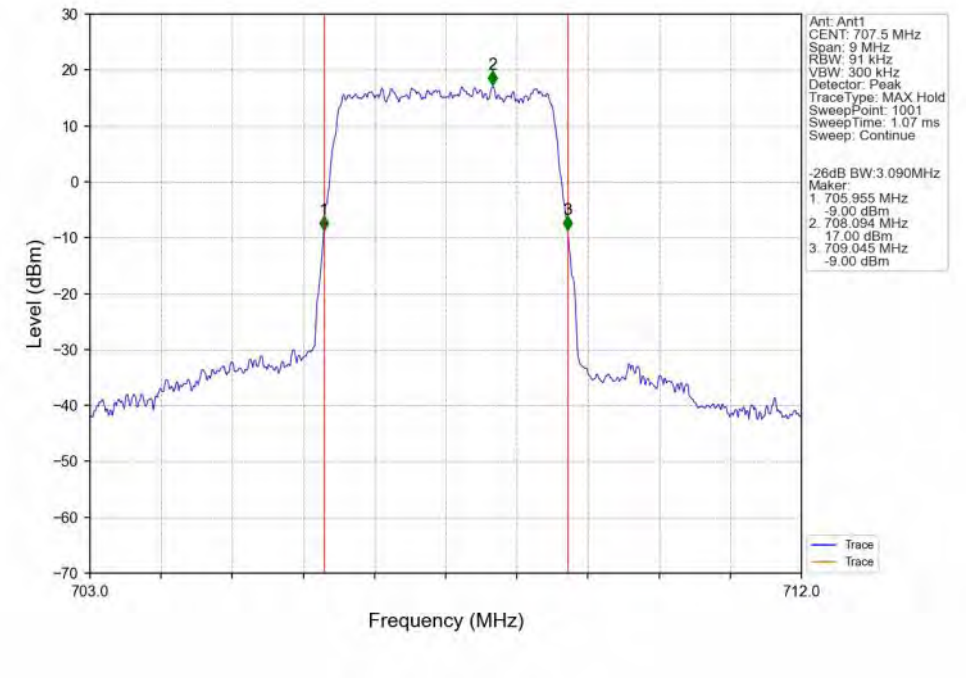
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



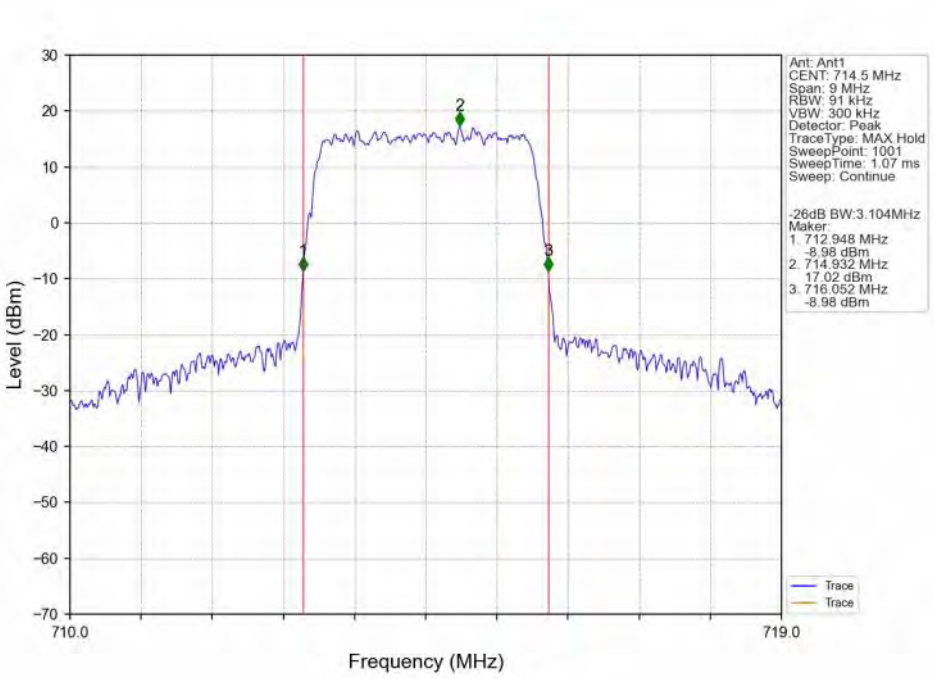
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



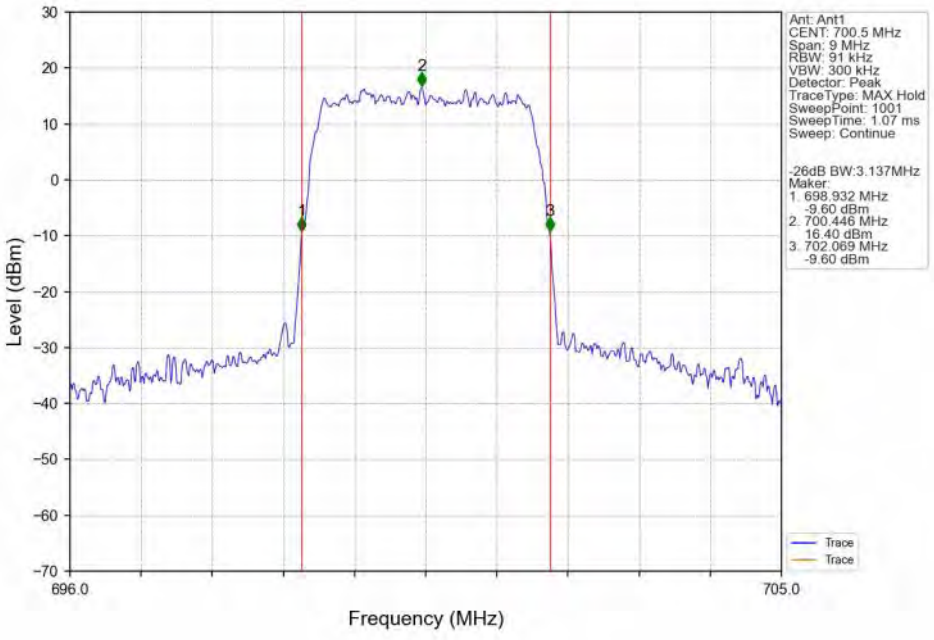
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



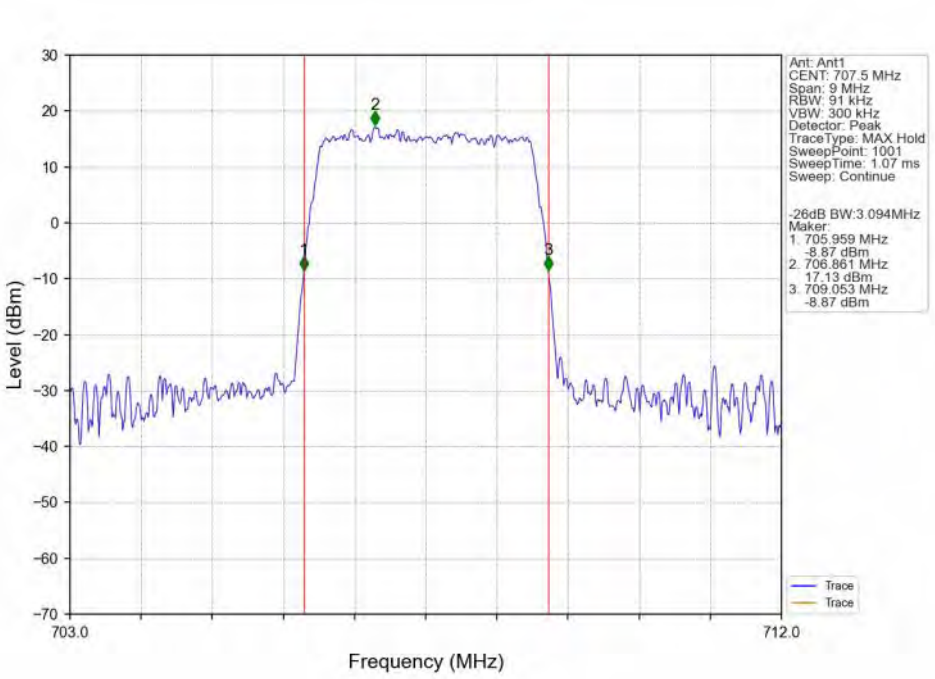
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



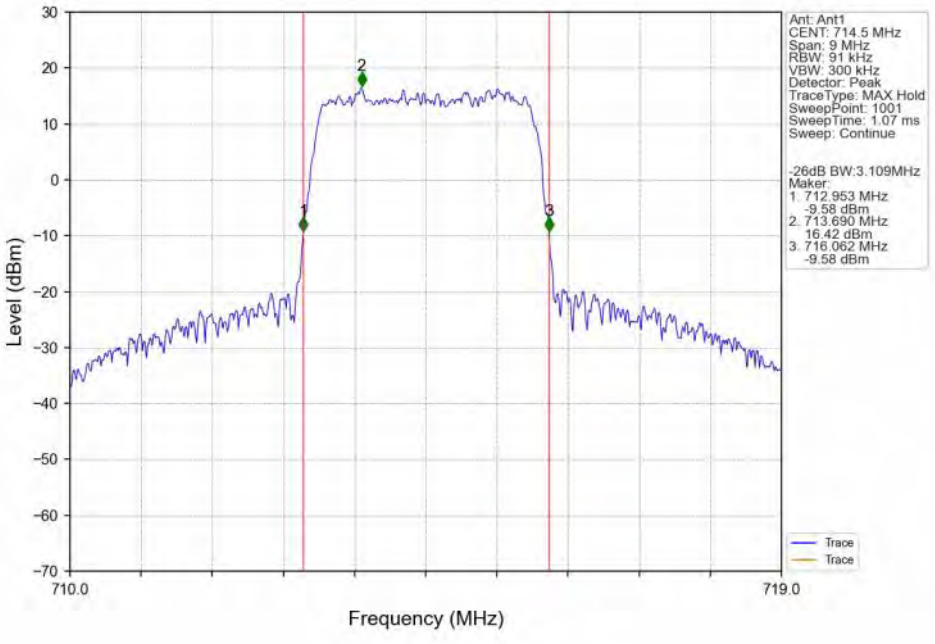
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



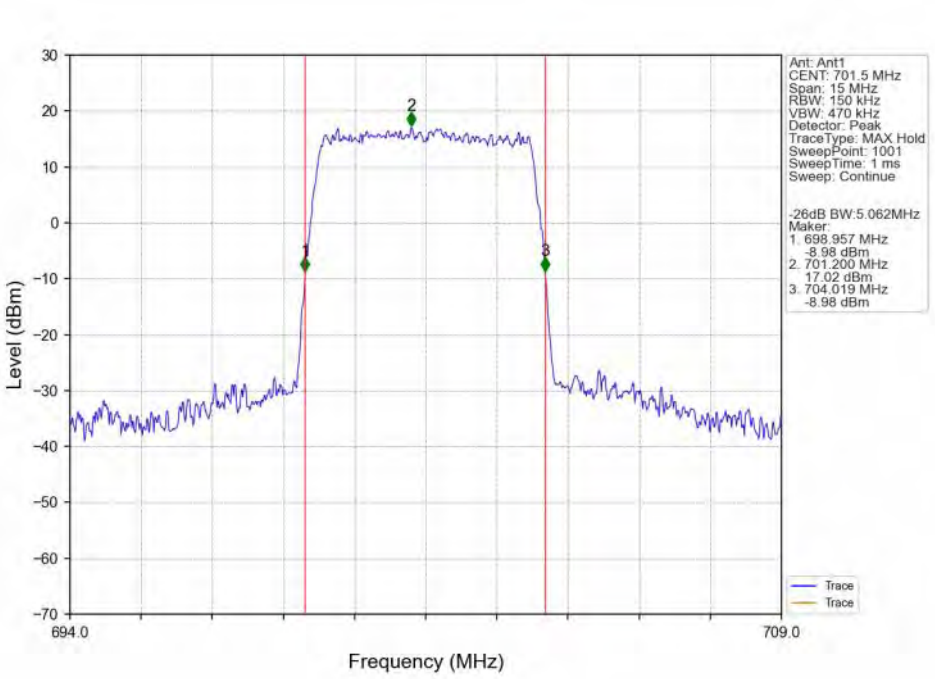
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



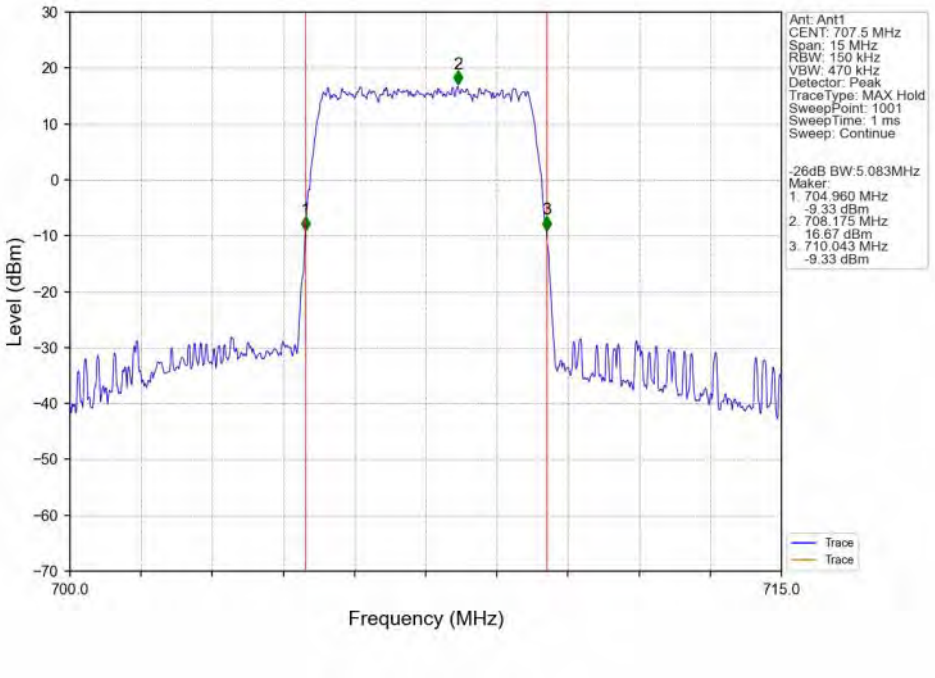
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



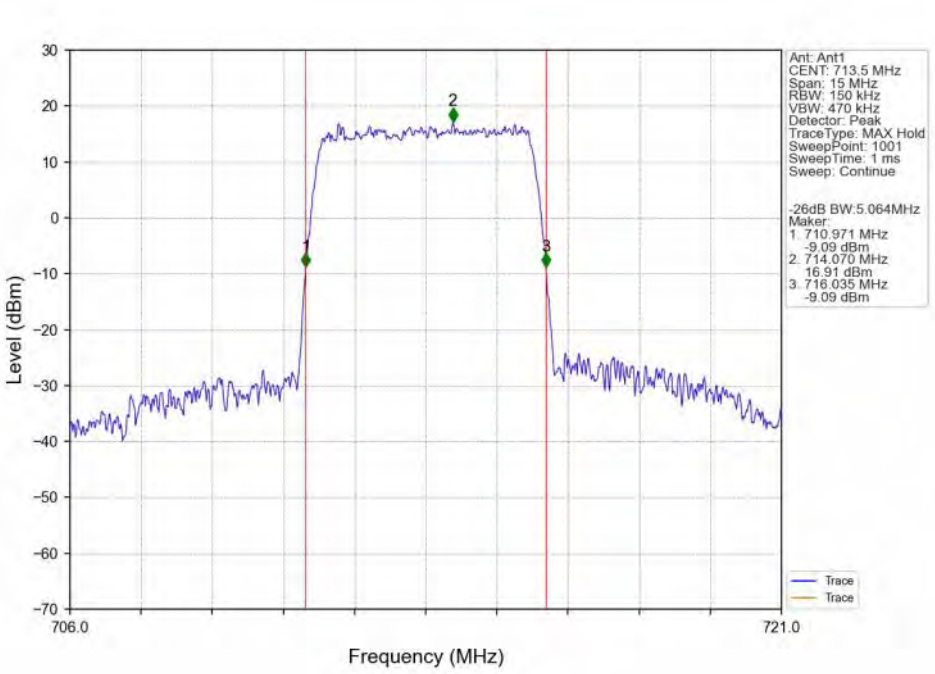
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



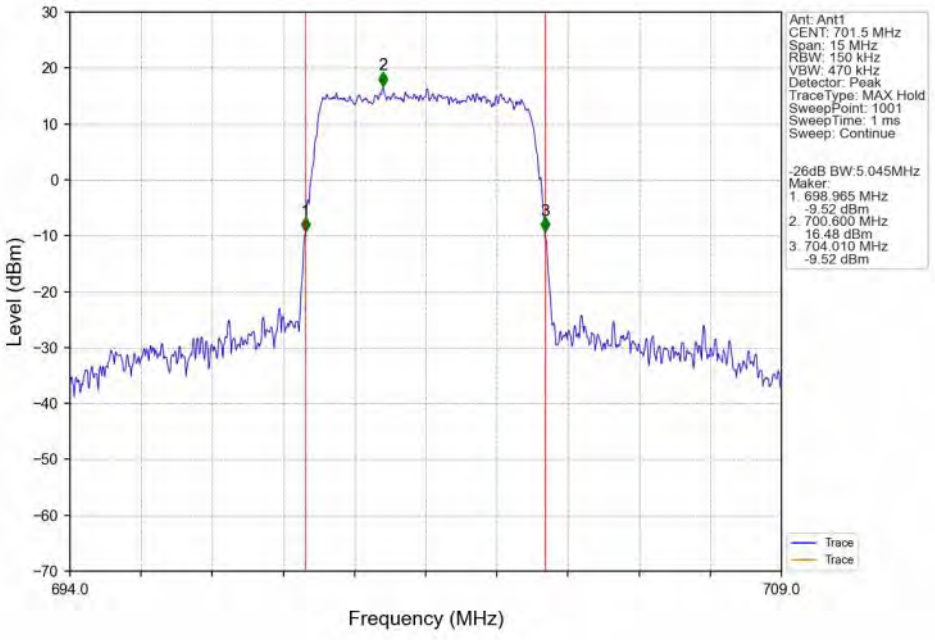
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



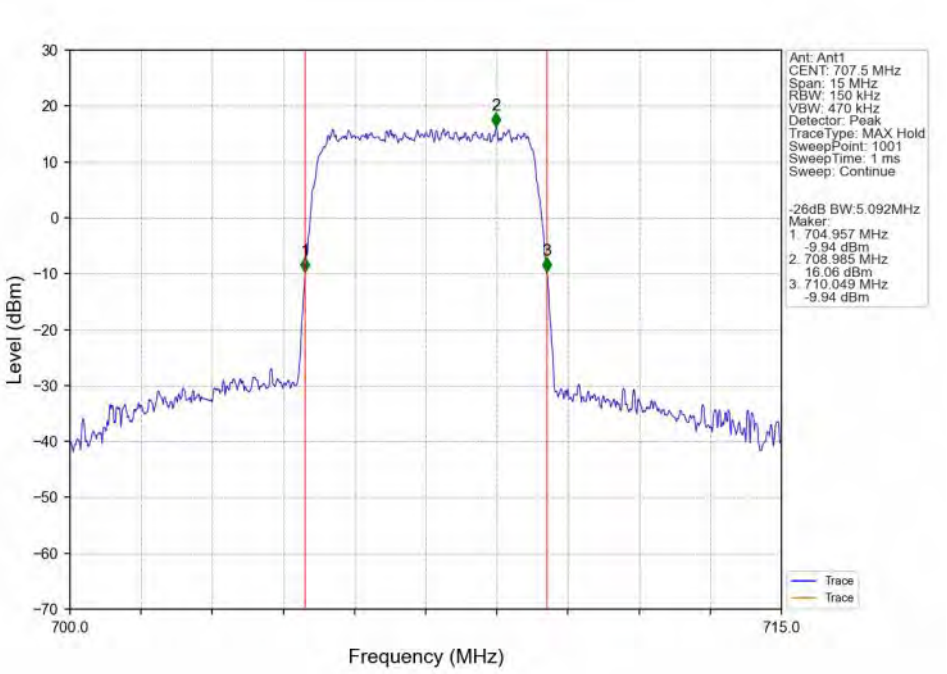
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



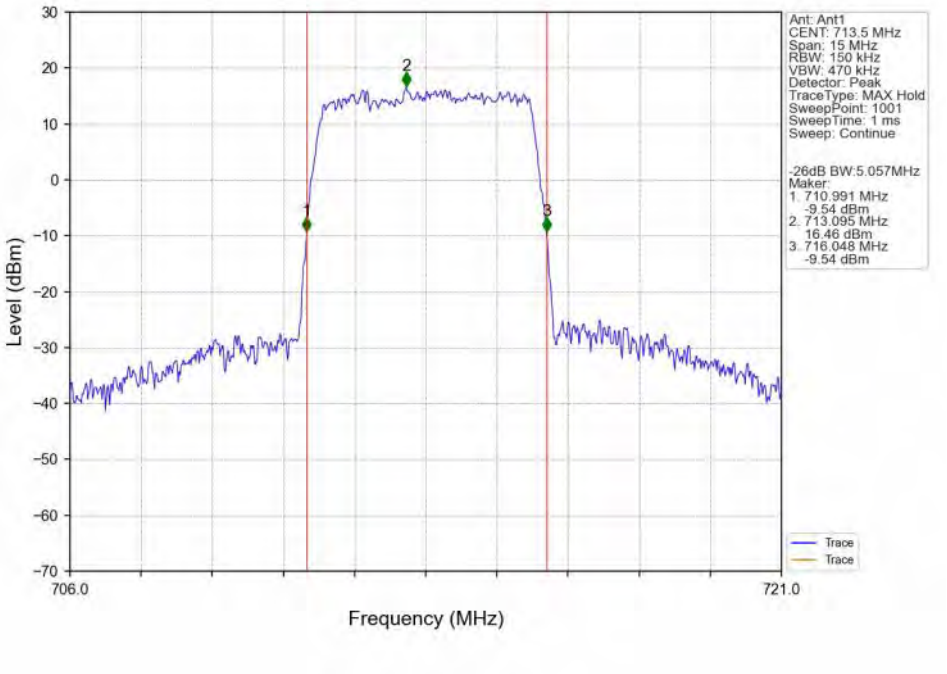
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



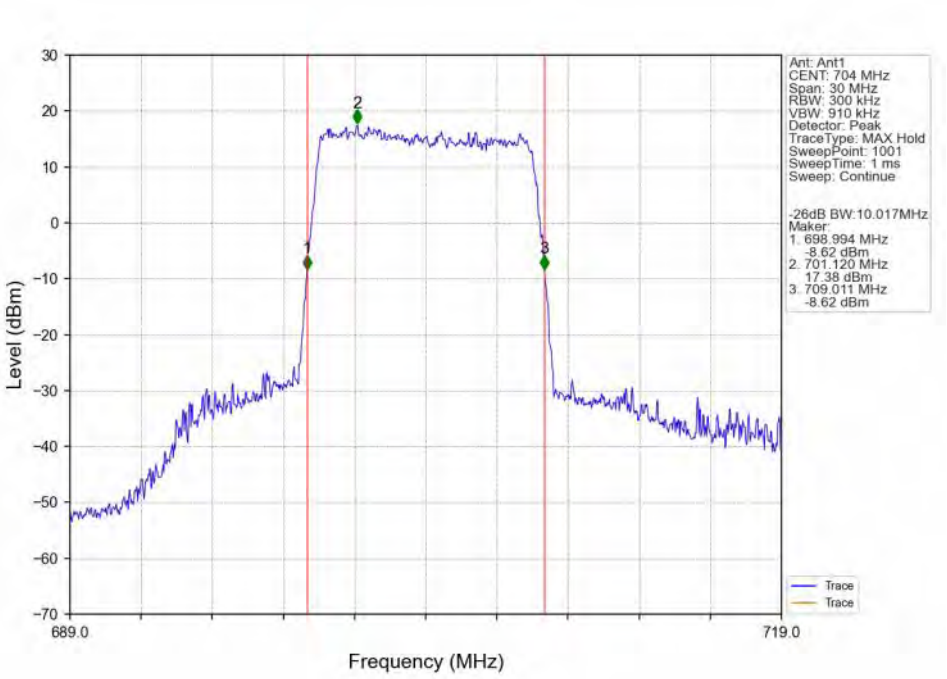
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



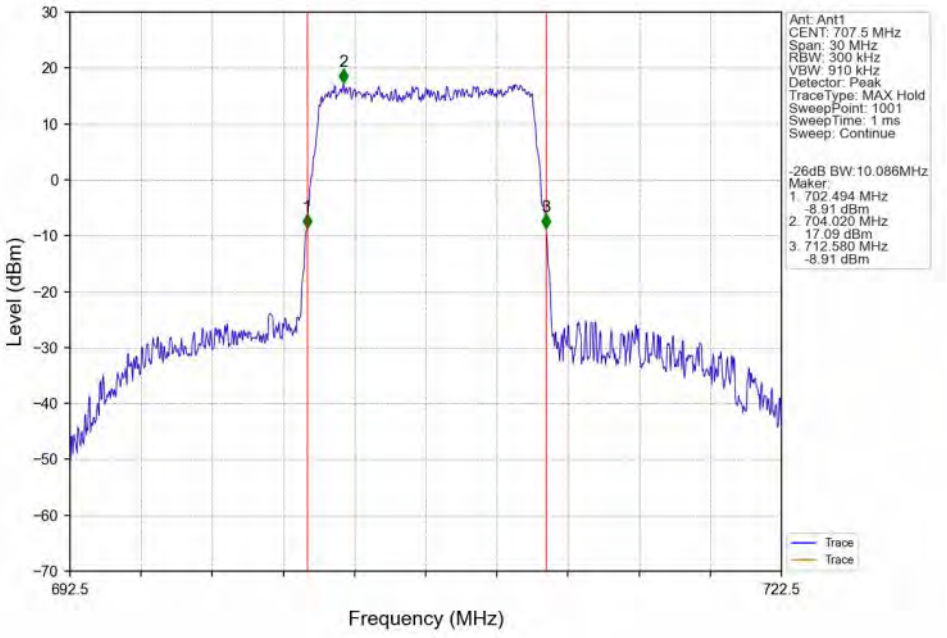
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



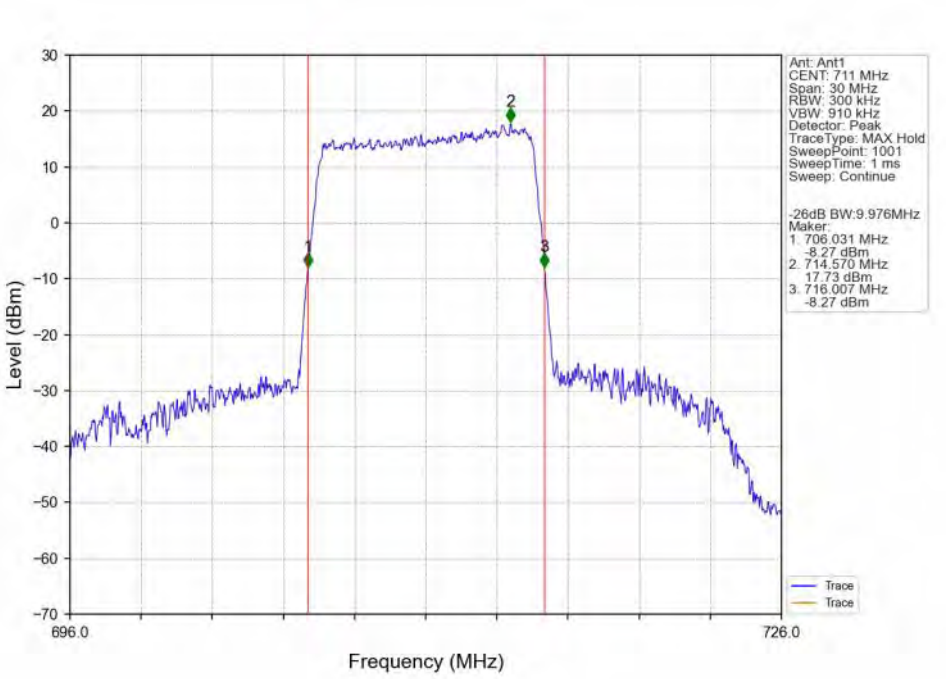
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



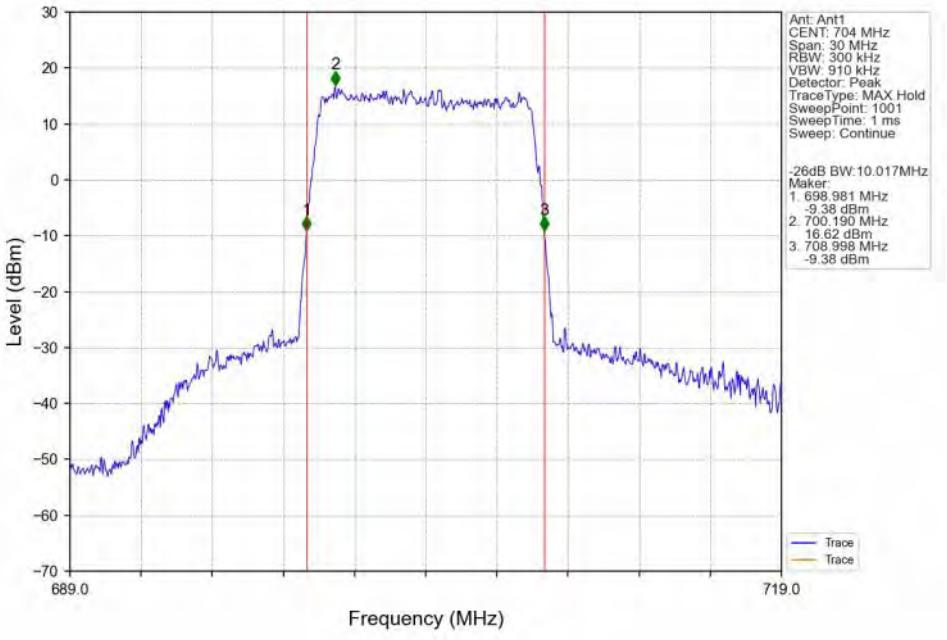
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



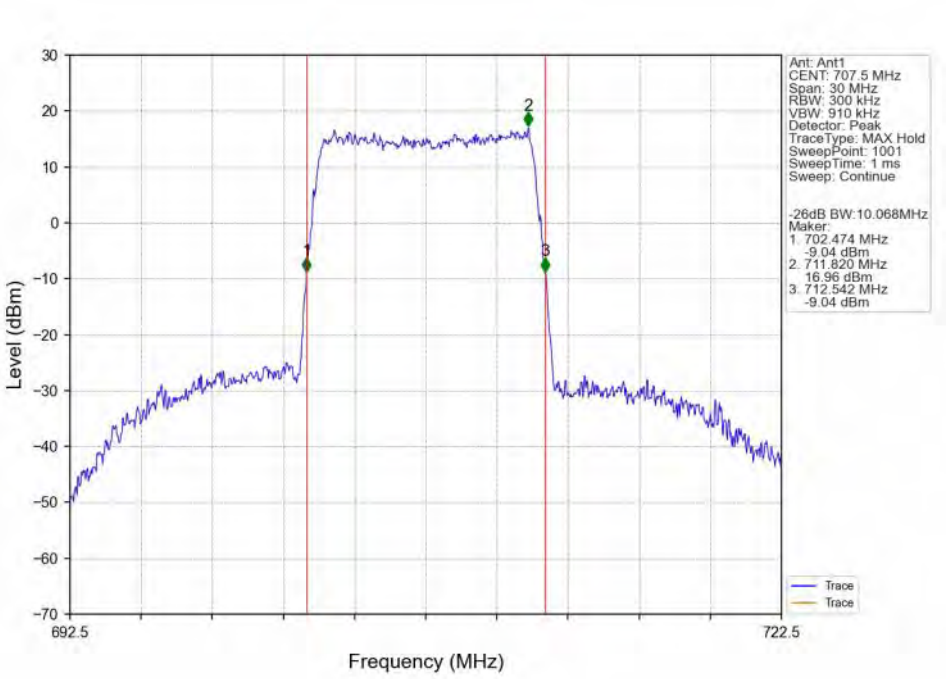
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



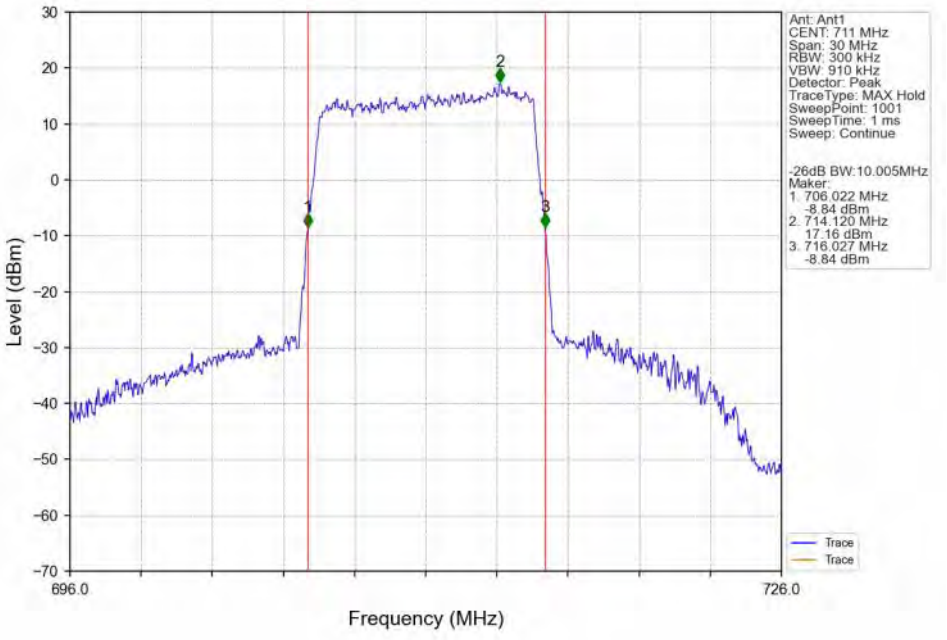
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



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 Test Result

5.1.1 B12_1.4MHz

Band: 12 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	699.7	6	0	5.76	<=13	Pass
	707.5	6	0	5.72	<=13	Pass
	715.3	6	0	5.02	<=13	Pass
16QAM	699.7	6	0	6.45	<=13	Pass
	707.5	6	0	6.60	<=13	Pass
	715.3	6	0	5.86	<=13	Pass

5.1.2 B12_3MHz

Band: 12 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	700.5	15	0	5.71	<=13	Pass
	707.5	15	0	5.74	<=13	Pass
	714.5	15	0	5.30	<=13	Pass
16QAM	700.5	15	0	6.52	<=13	Pass
	707.5	15	0	6.60	<=13	Pass
	714.5	15	0	6.13	<=13	Pass

5.1.3 B12_5MHz

Band: 12 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	701.5	25	0	5.63	<=13	Pass
	707.5	25	0	5.80	<=13	Pass
	713.5	25	0	5.58	<=13	Pass
16QAM	701.5	25	0	6.43	<=13	Pass
	707.5	25	0	6.51	<=13	Pass
	713.5	25	0	6.26	<=13	Pass

5.1.4 B12_10MHz

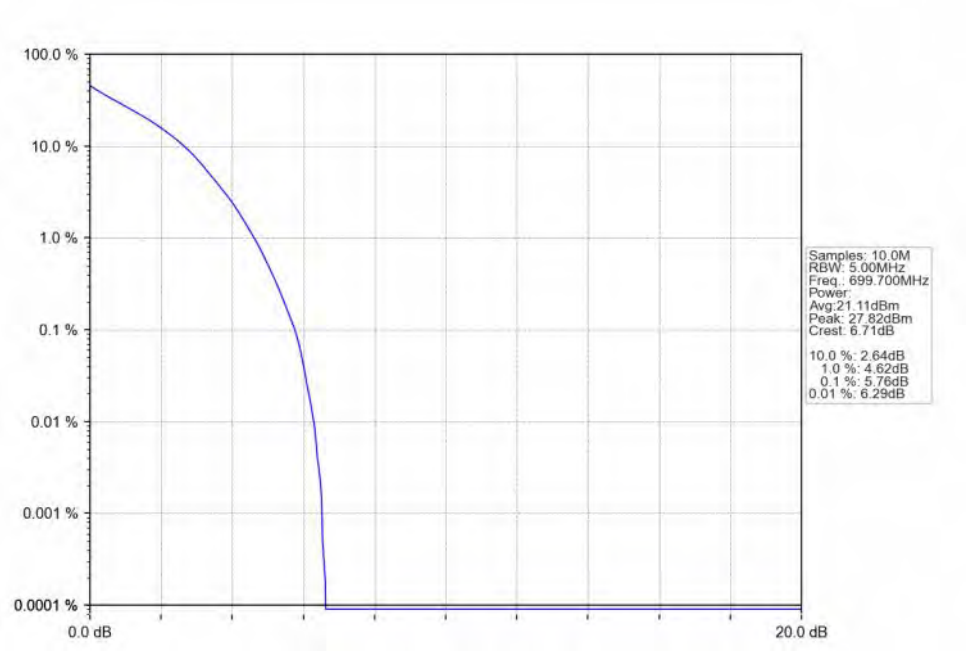
Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	704	50	0	5.80	<=13	Pass
	707.5	50	0	5.91	<=13	Pass
	711	50	0	5.80	<=13	Pass
16QAM	704	50	0	6.53	<=13	Pass
	707.5	50	0	6.61	<=13	Pass

	711	50	0	6.50	<=13	Pass

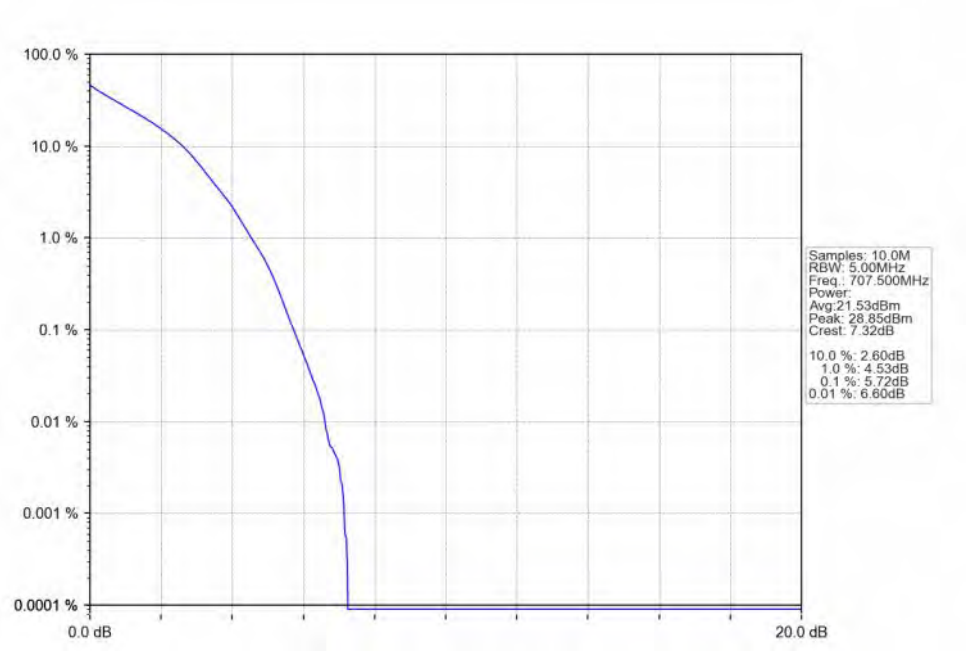
5.2 Test Graph

5.2.1 B12_1.4MHz

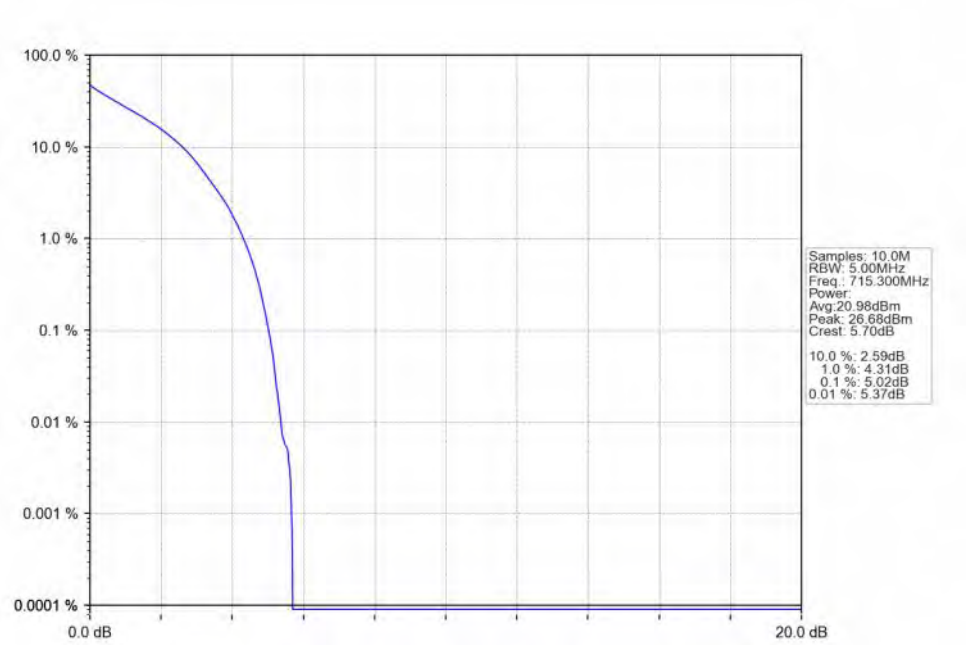
Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV



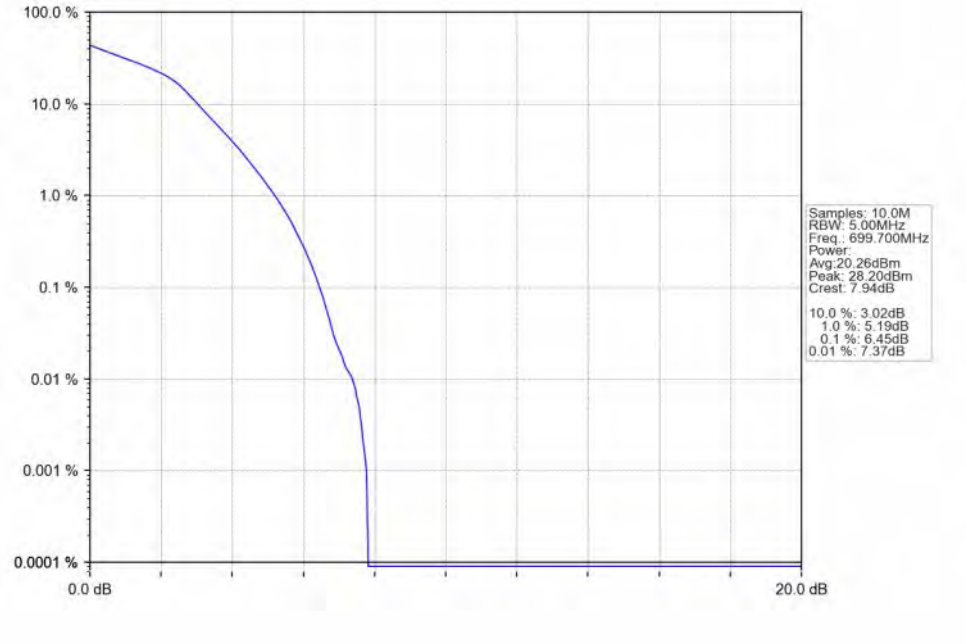
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_6_0_NTNV



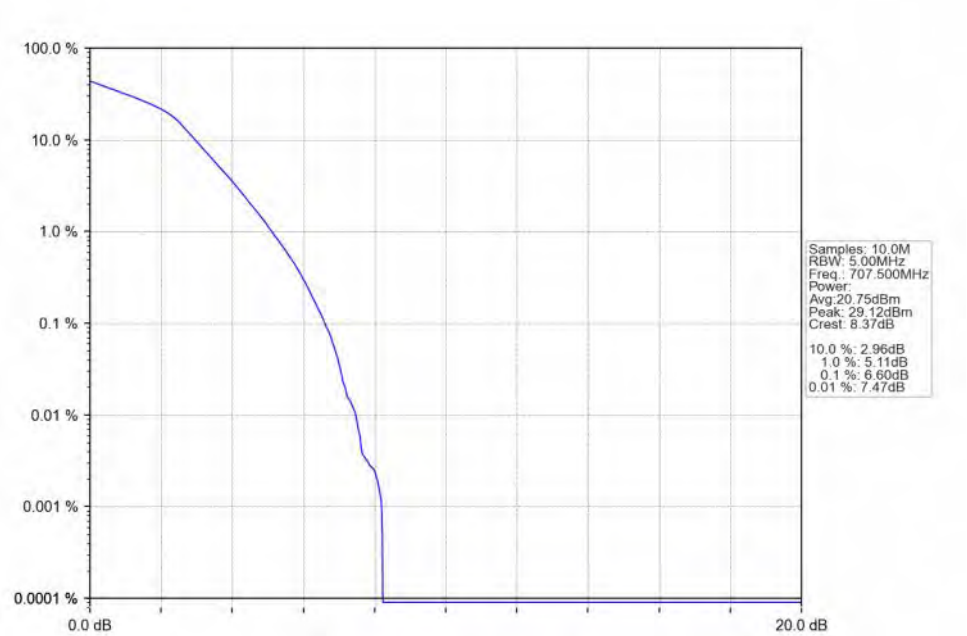
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



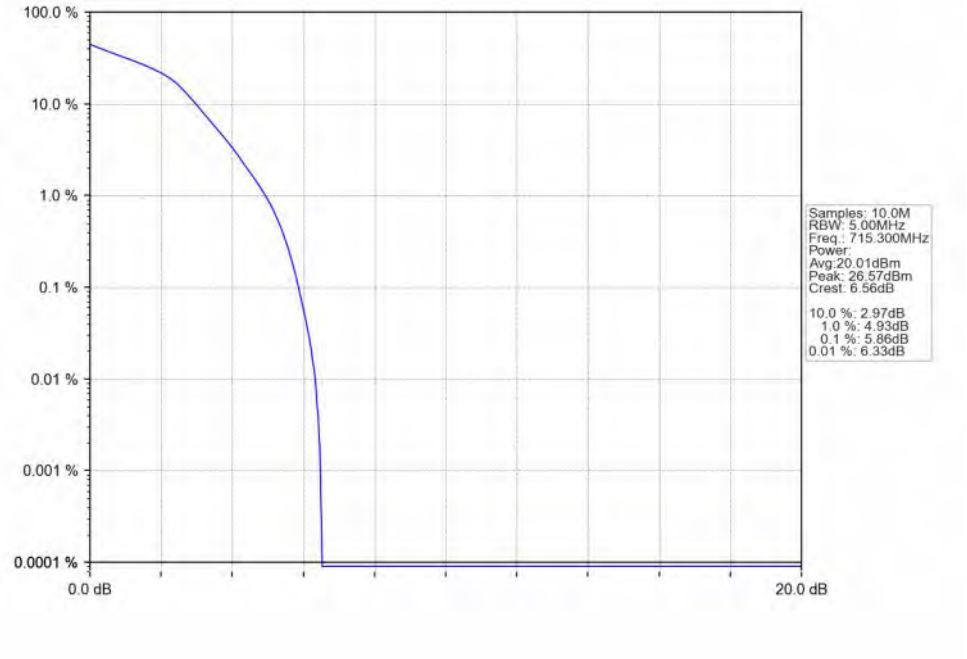
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



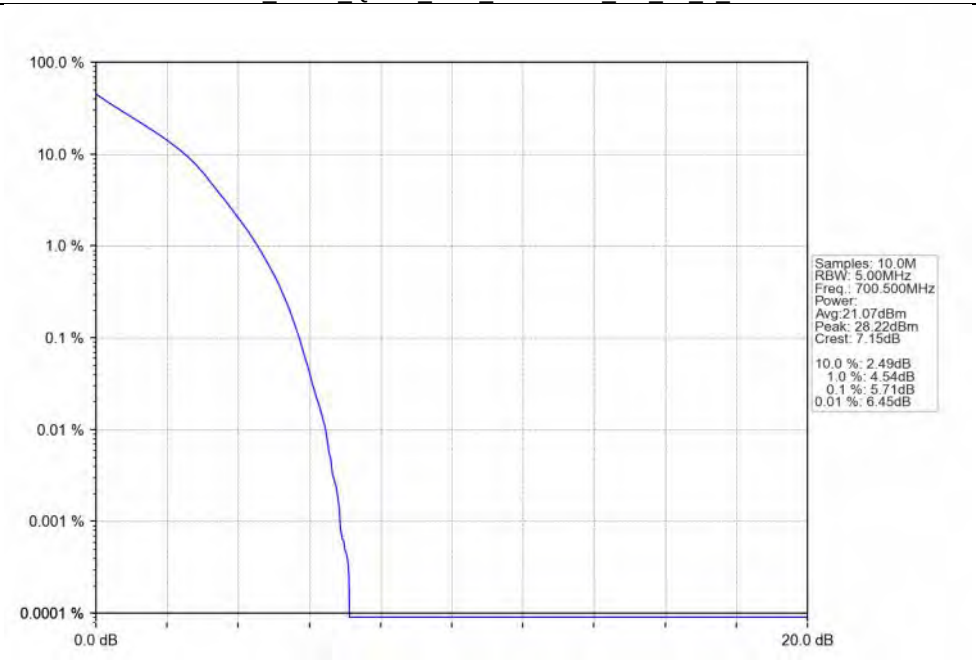
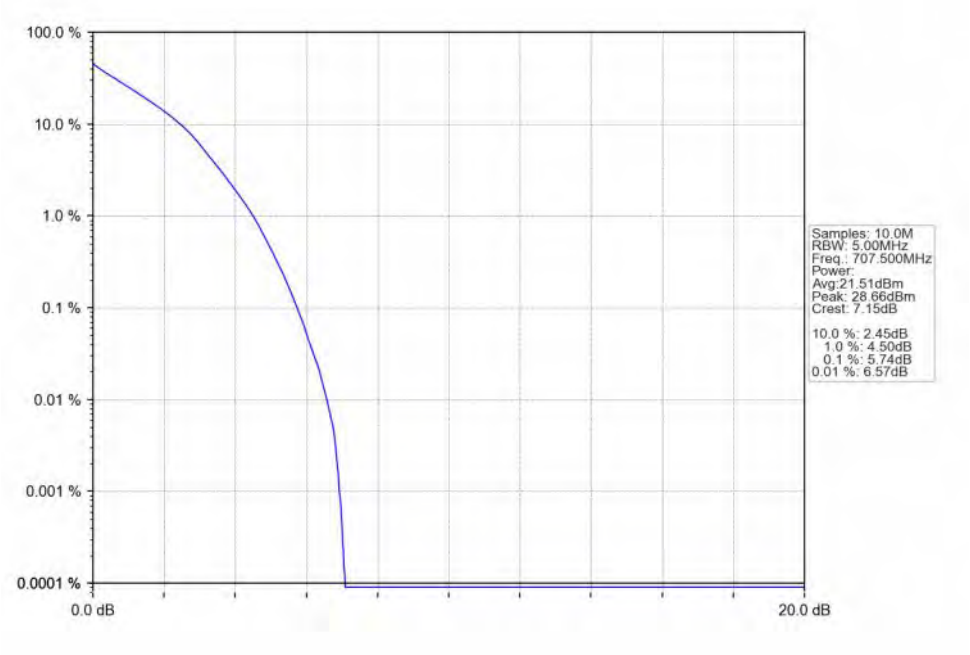
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



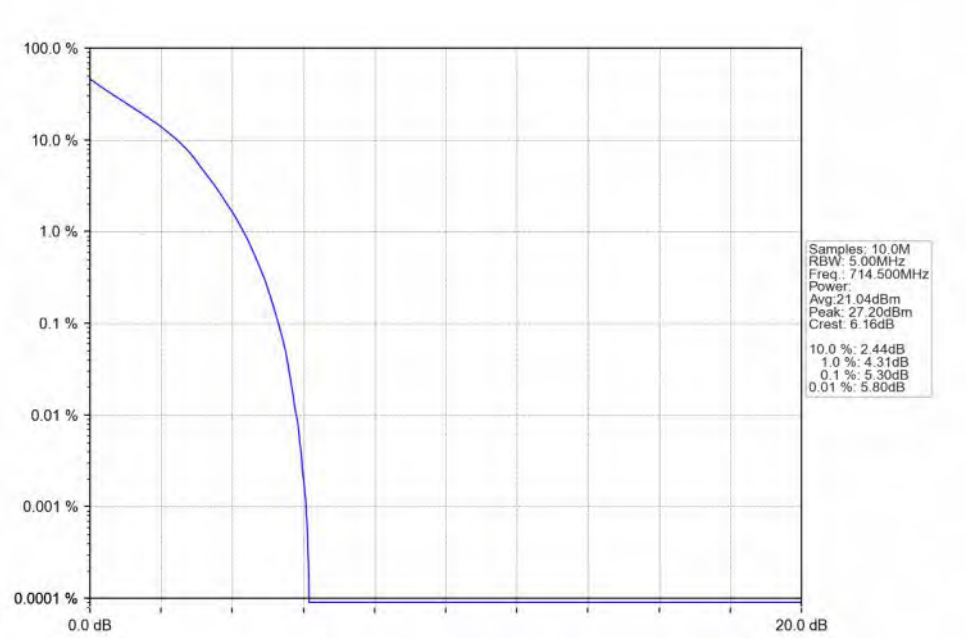
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



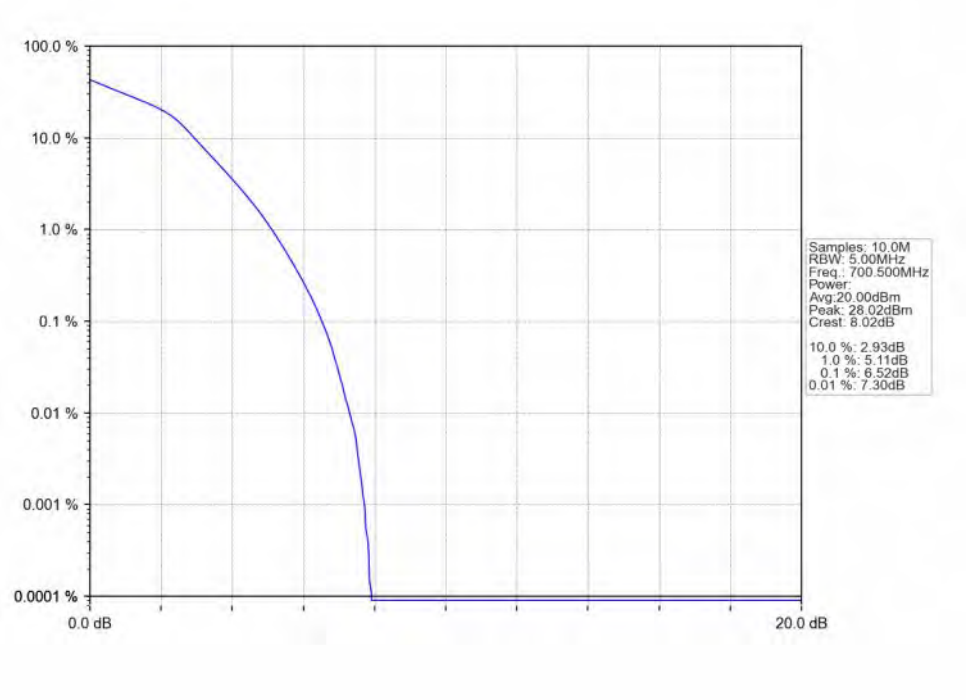
5.2.2 B12_3MHz

Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV

Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV


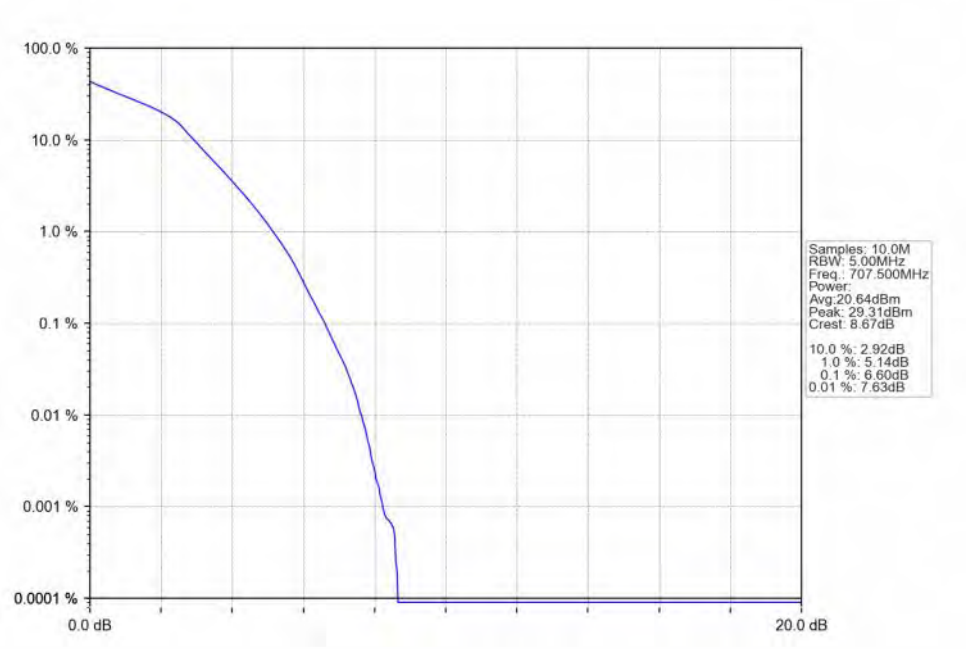
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



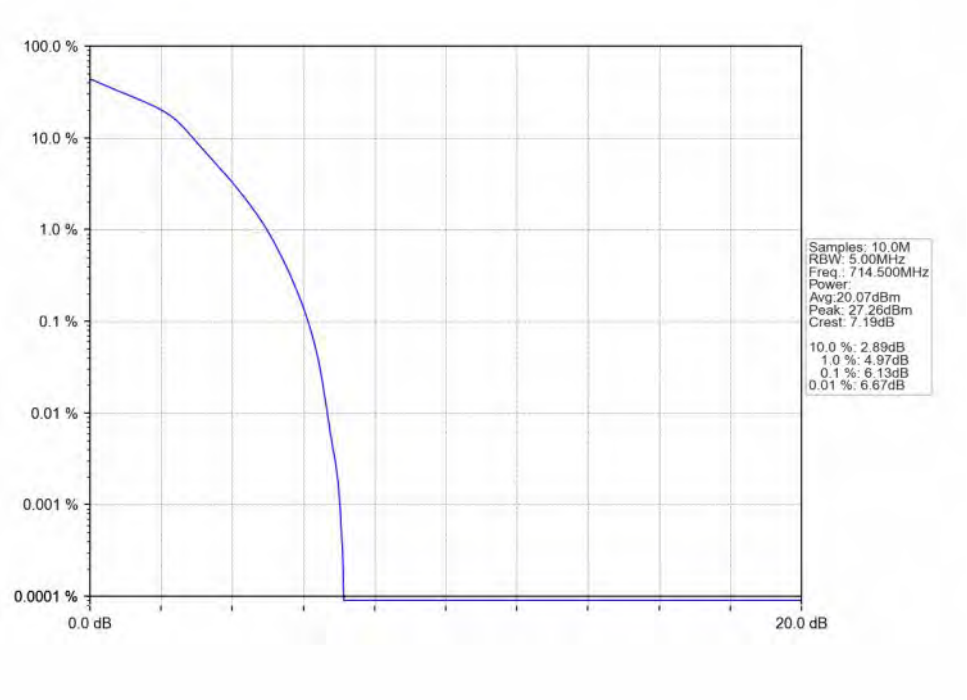
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



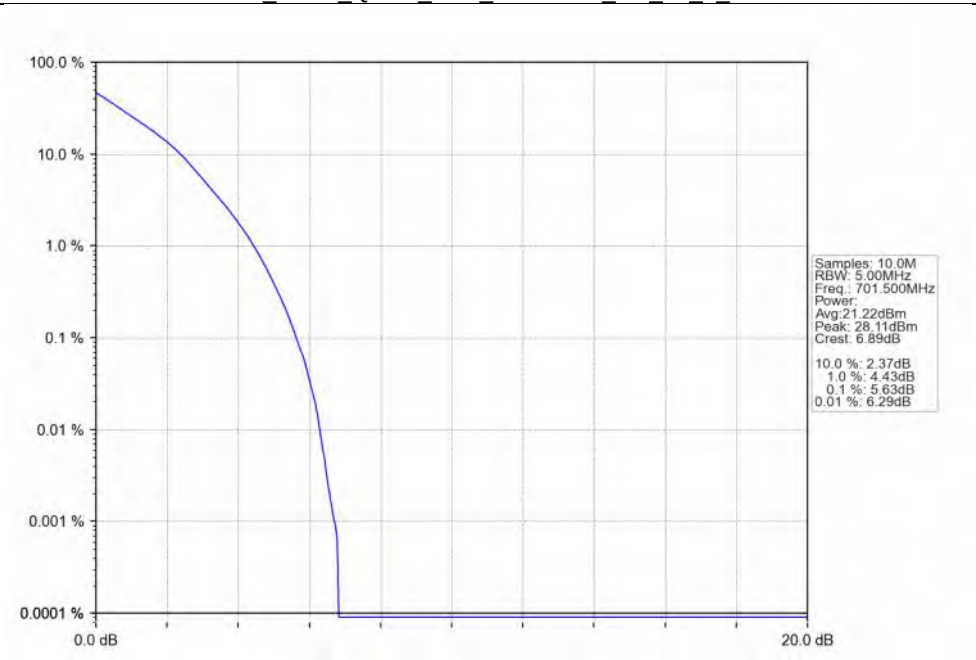
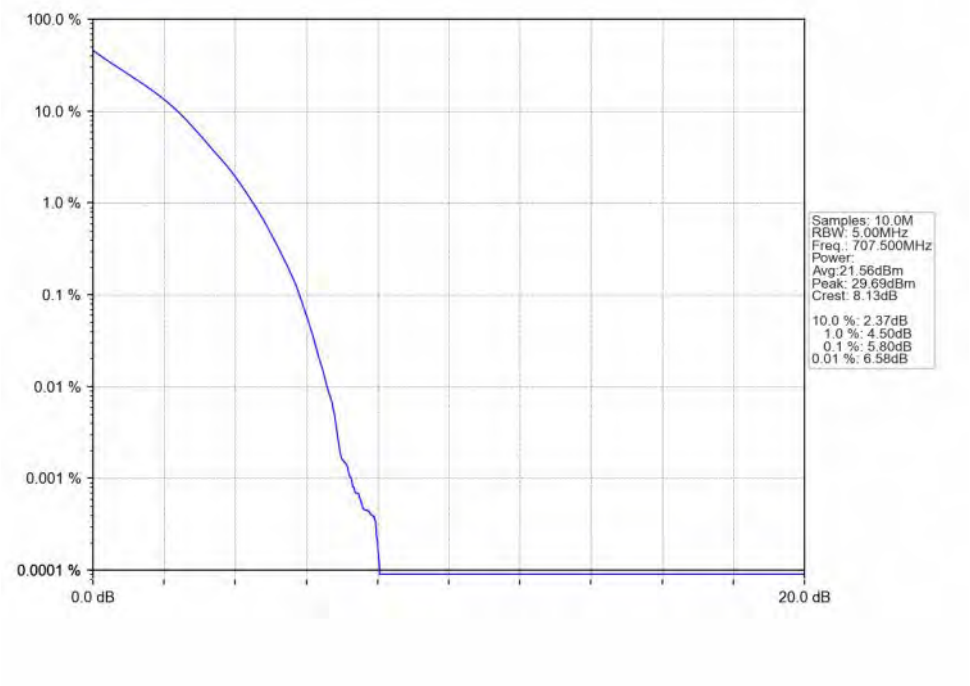
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



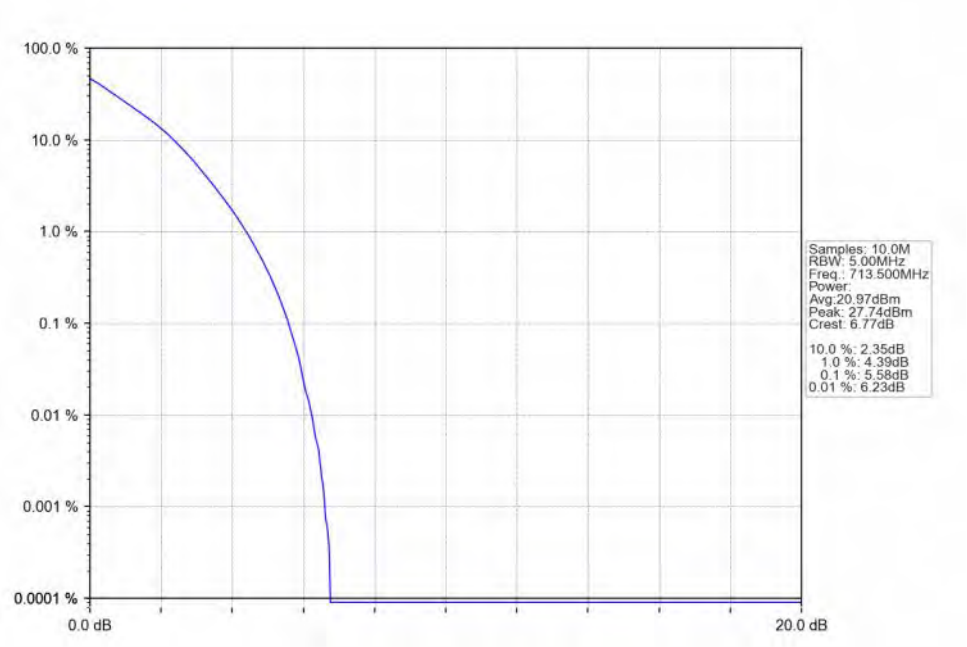
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



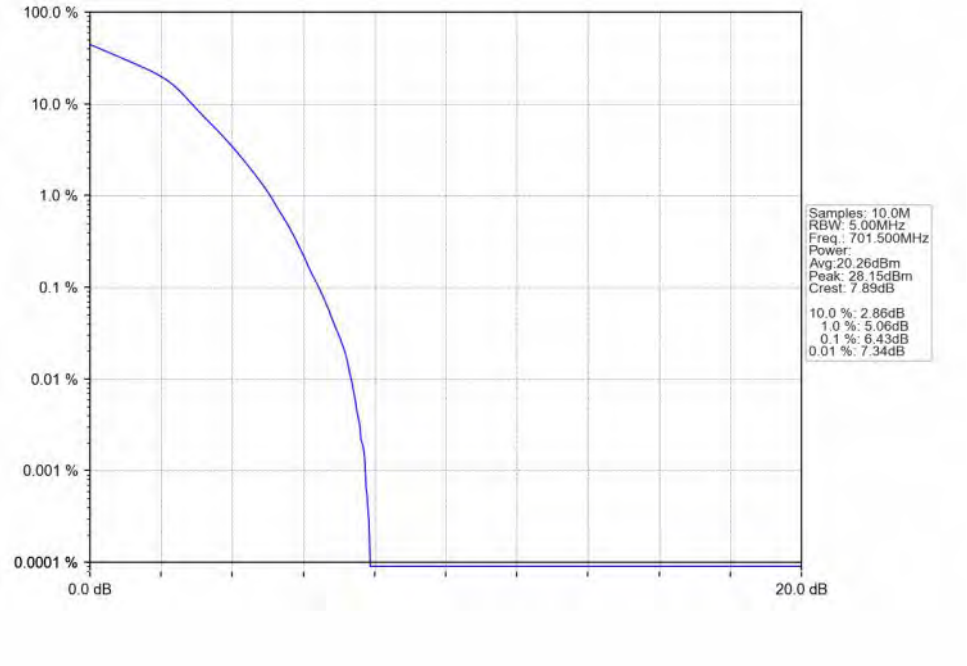
5.2.3 B12_5MHz

Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV

Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV


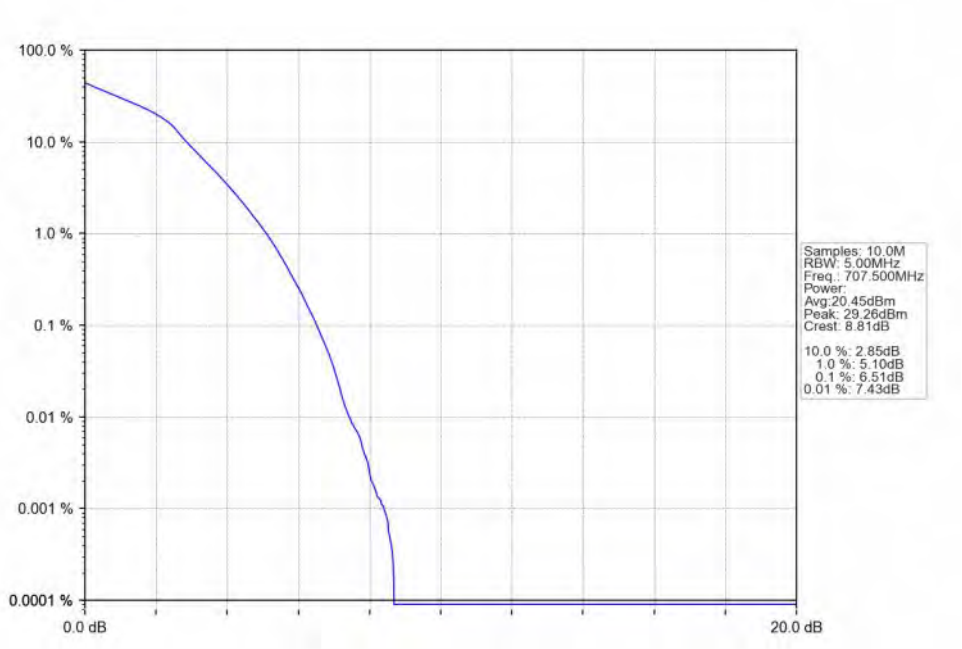
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



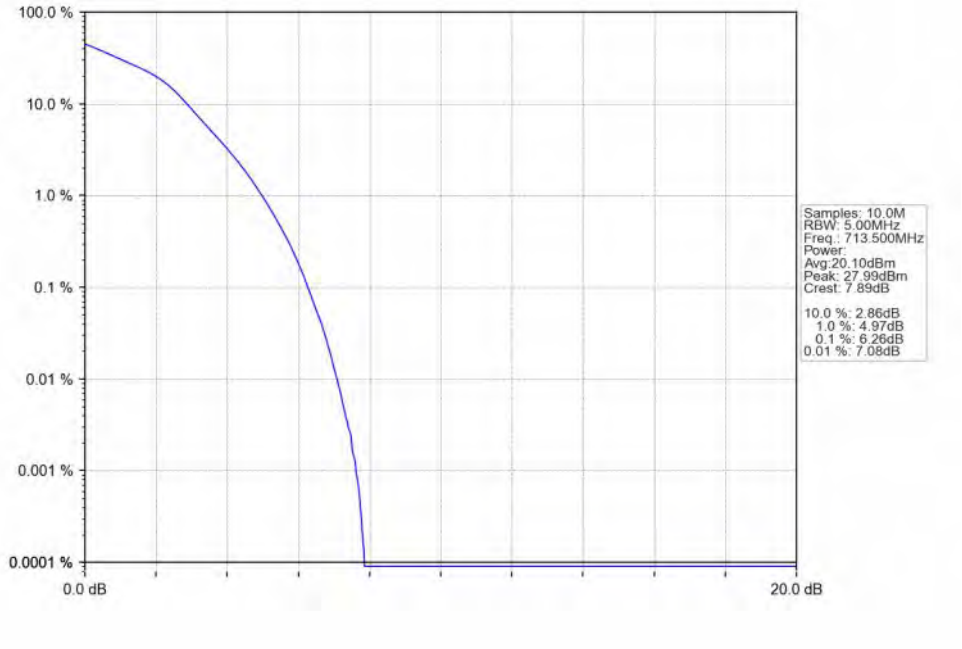
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



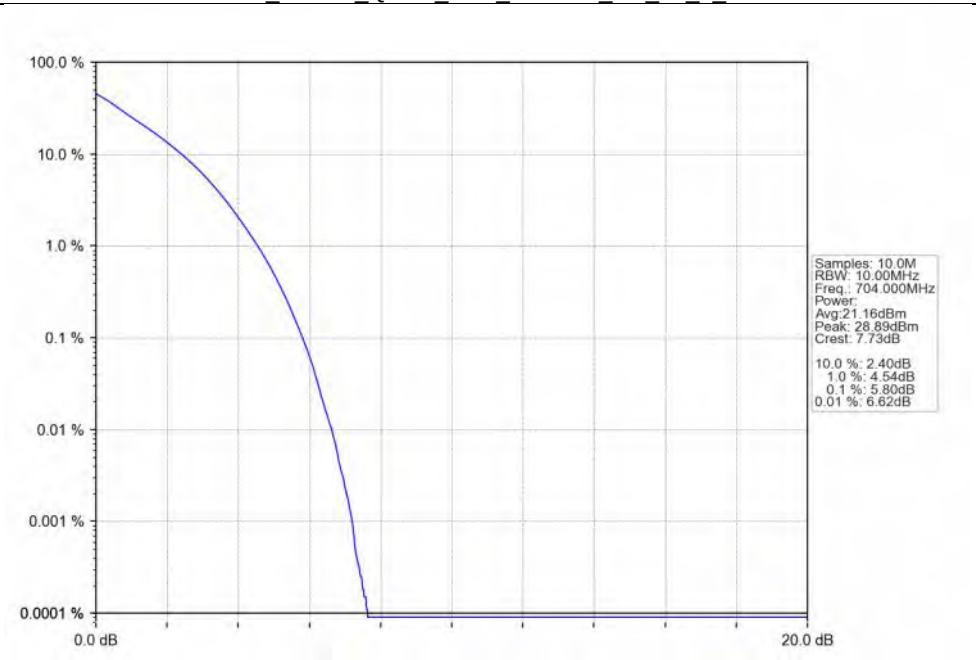
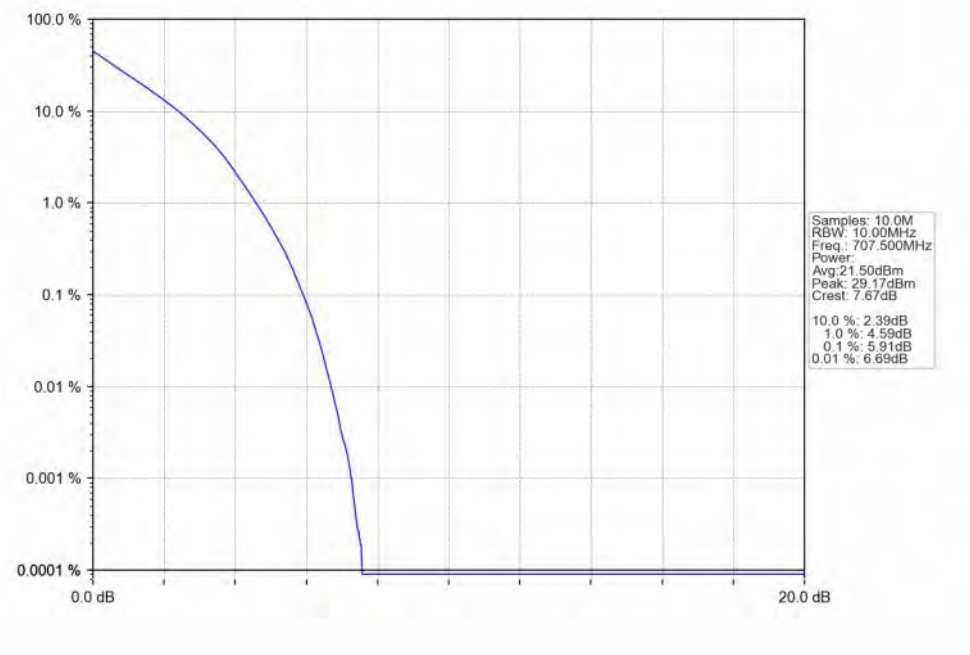
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



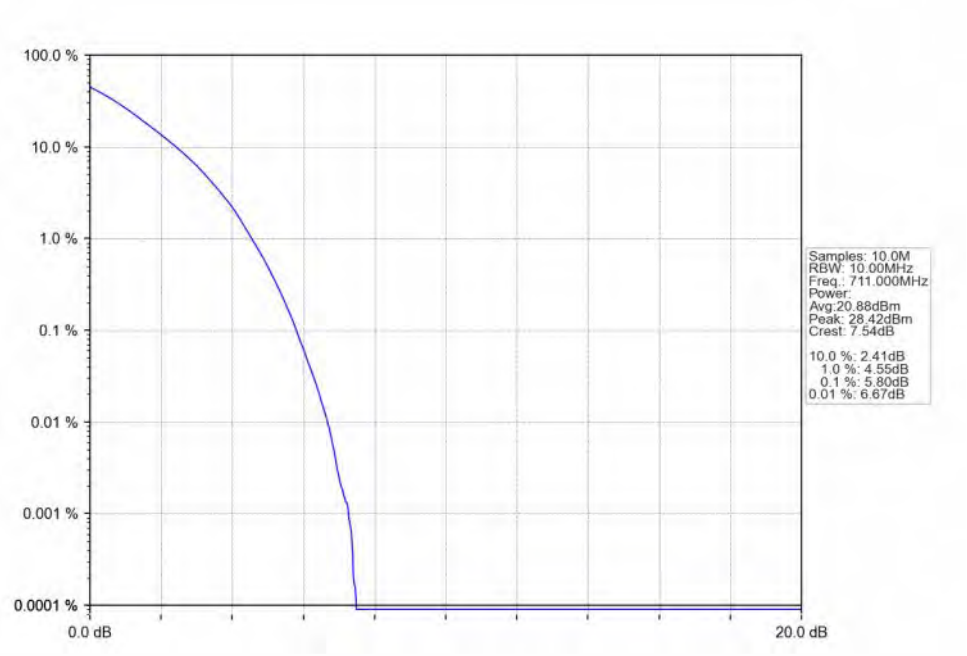
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



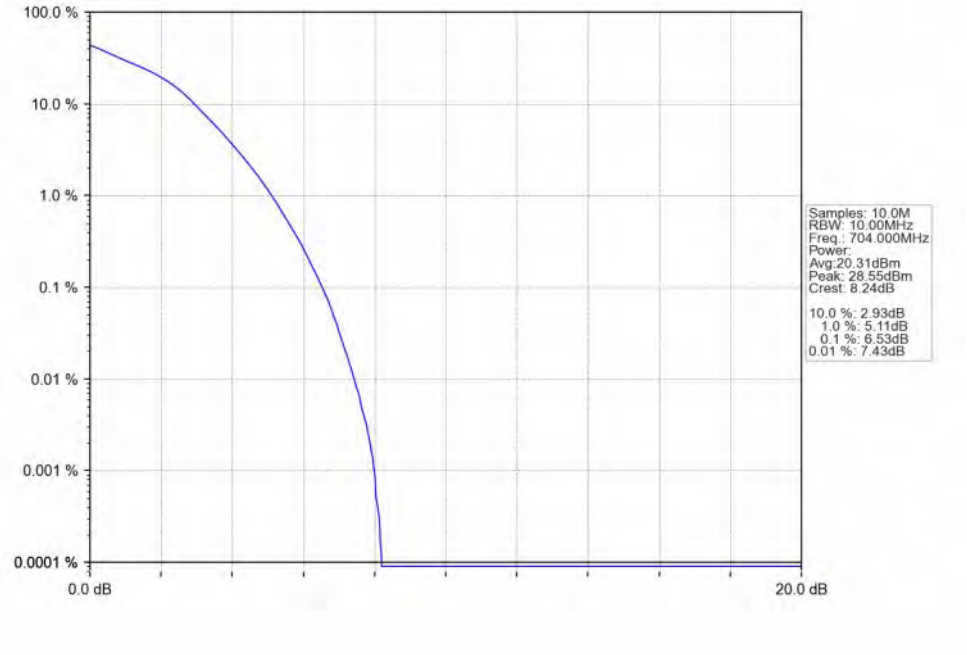
5.2.4 B12_10MHz

Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV

Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV


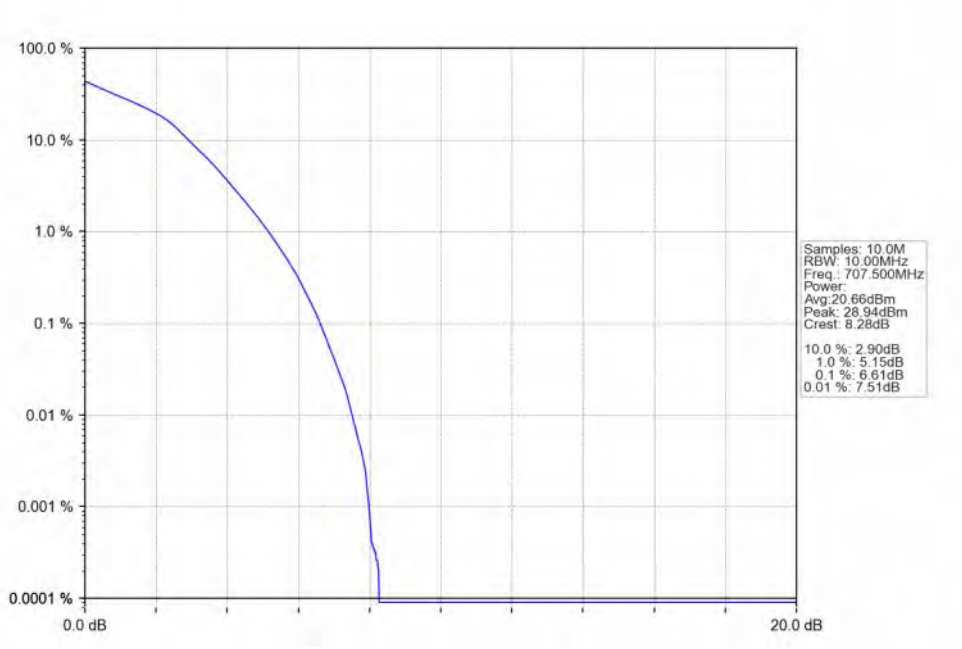
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



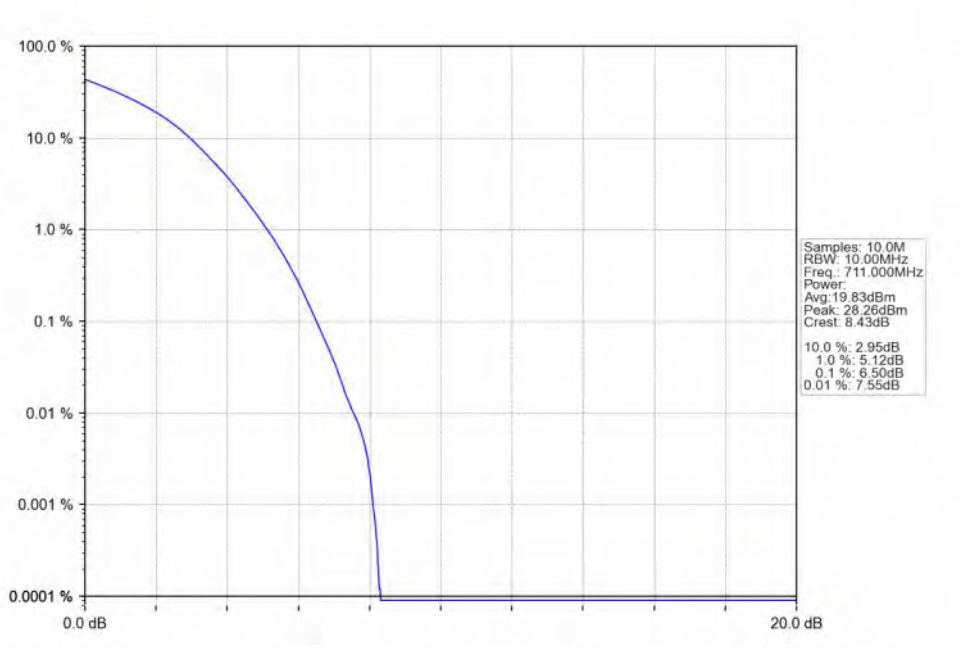
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 B12_1.4MHz

Band: 12 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	699.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
	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 B12_3MHz

Band: 12 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	700.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
	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

6.1.3 B12_5MHz

Band: 12 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	701.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
	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

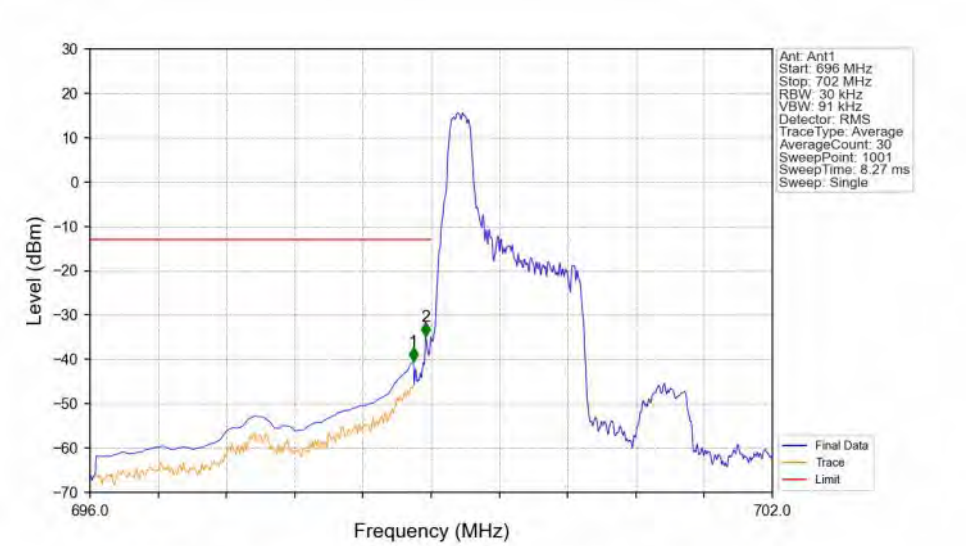
6.1.4 B12_10MHz

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

6.2 Test Graph

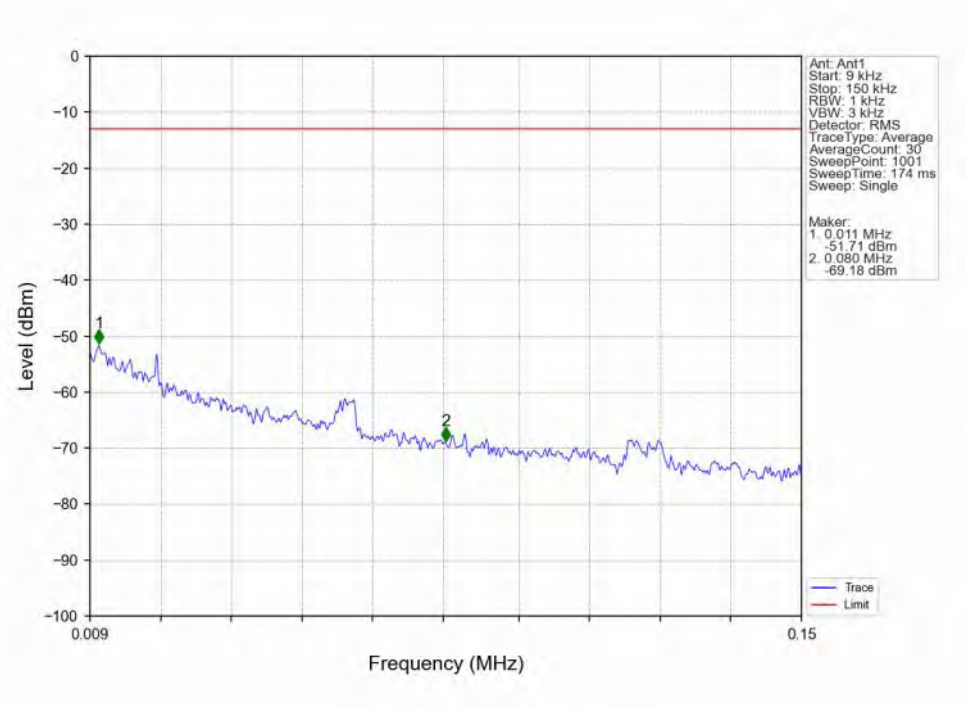
6.2.1 B12_1.4MHz

Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_1_0_NTNV

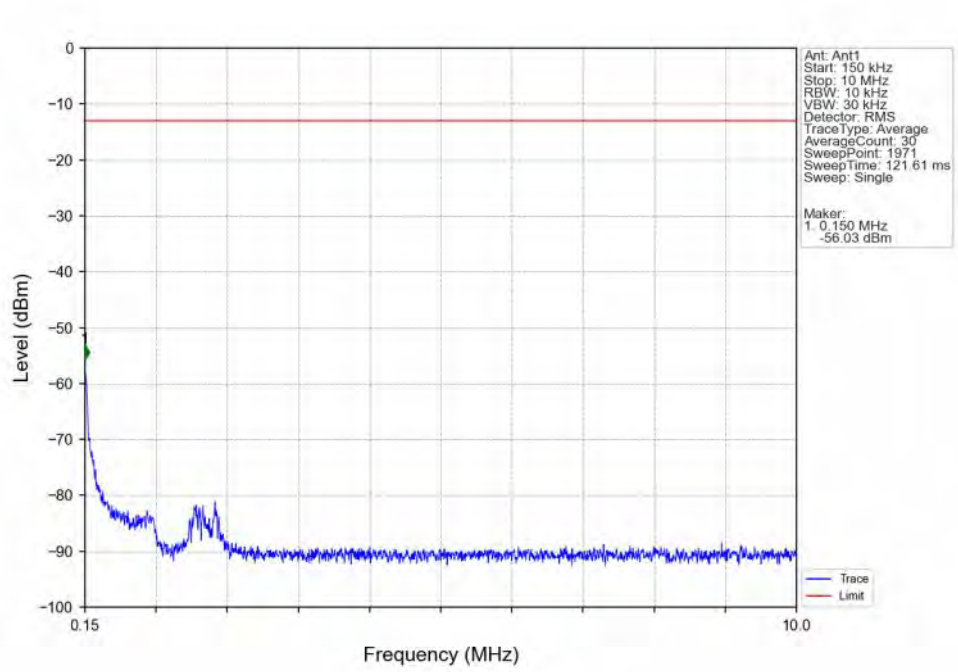


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-40.40	-13	Pass
698.9	699	0.03	/	2	698.952	-34.83	-13	Pass
699	702	0.03	/	/	/	/	/	/

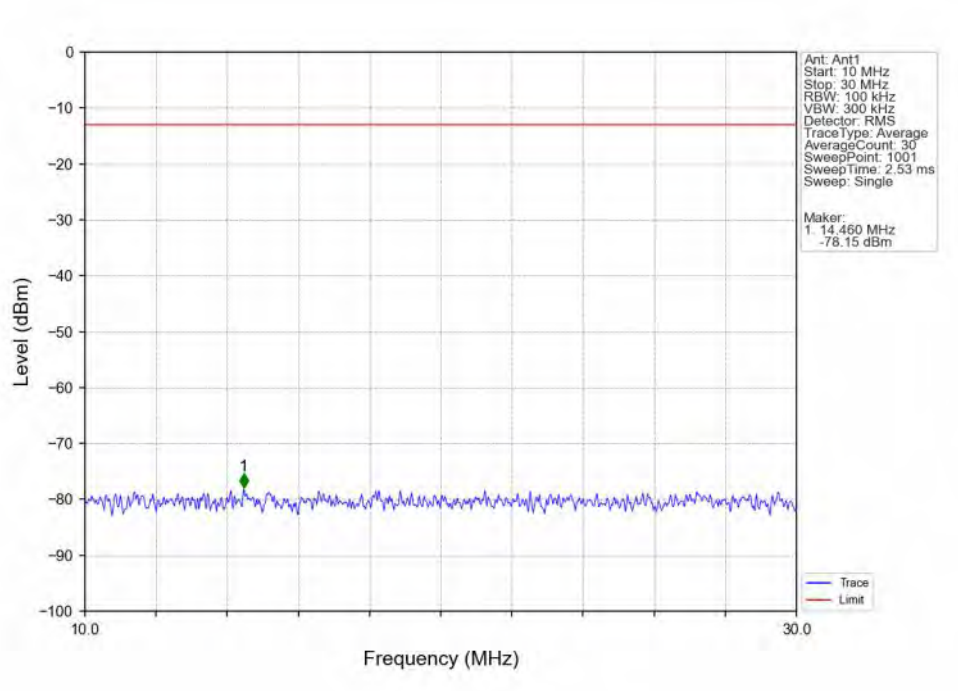
Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_1_0_NTNV



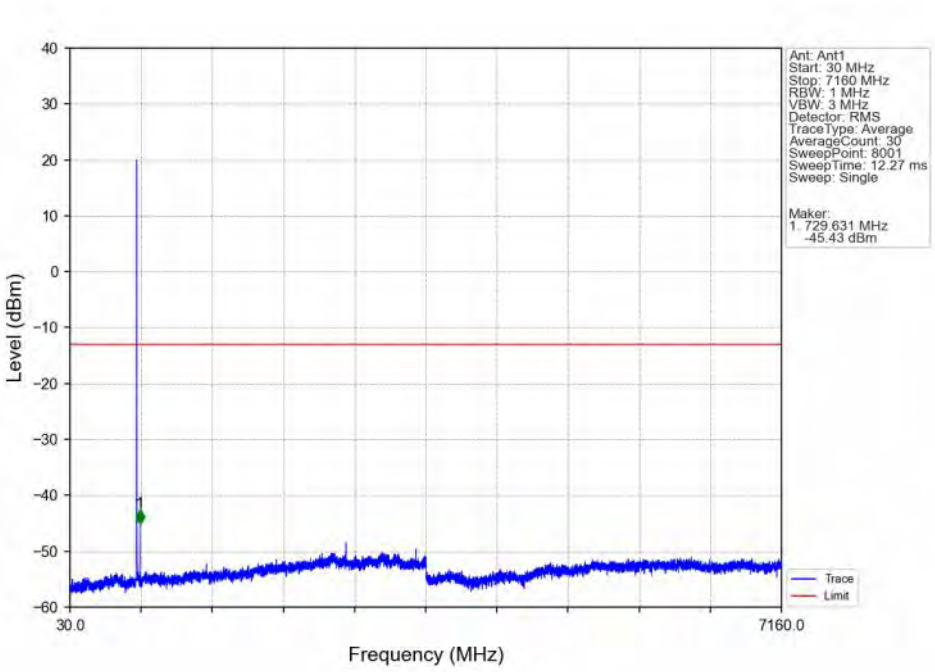
Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_1_0_NTNV



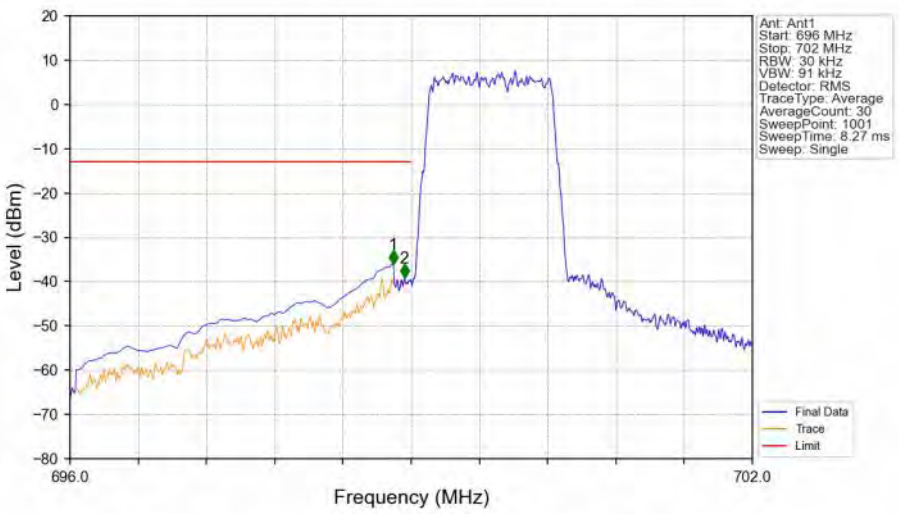
Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_1_0_NTNV



Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_1_0_NTNV

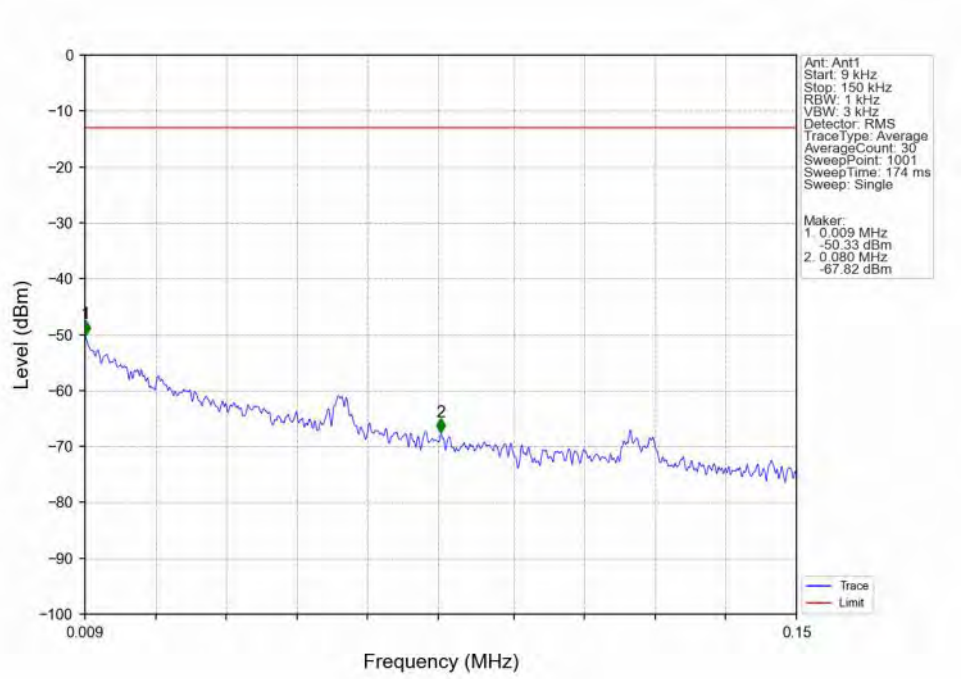


Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV

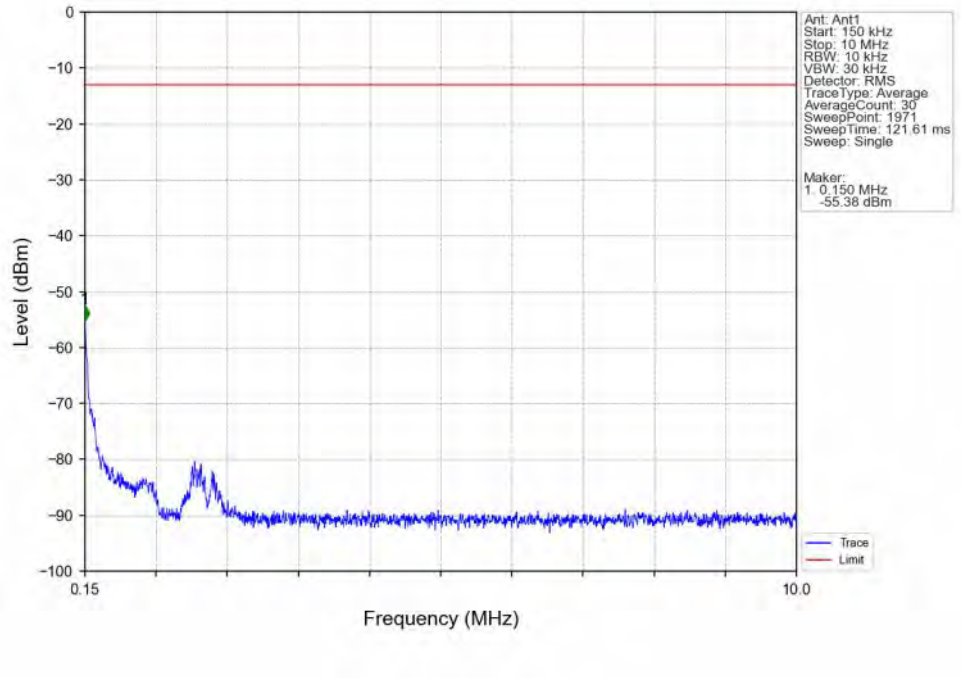


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-36.06	-13	Pass
698.9	699	0.03	/	2	698.940	-39.11	-13	Pass
699	702	0.03	/	/	/	/	/	/

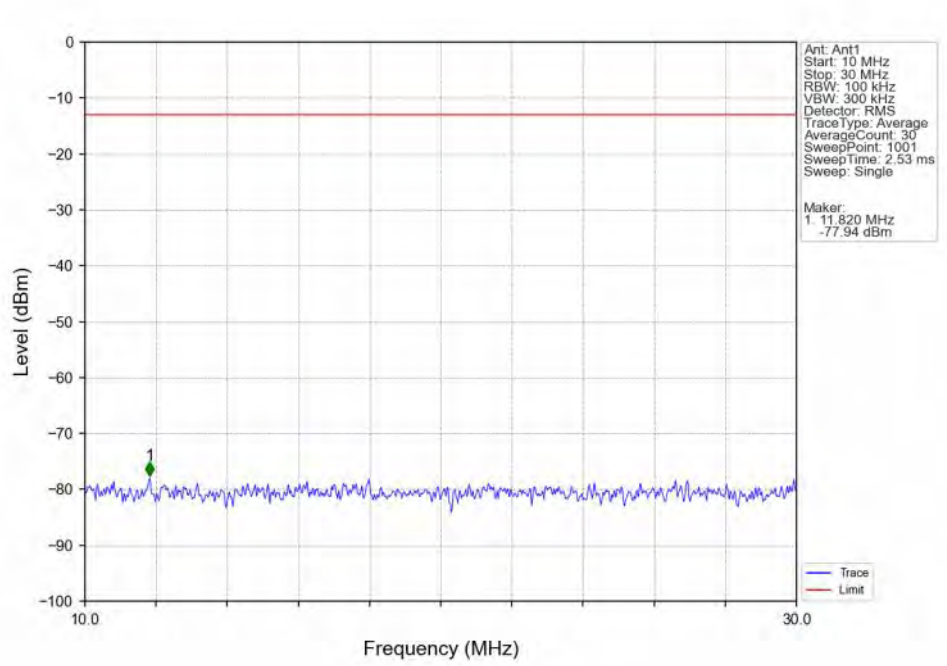
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



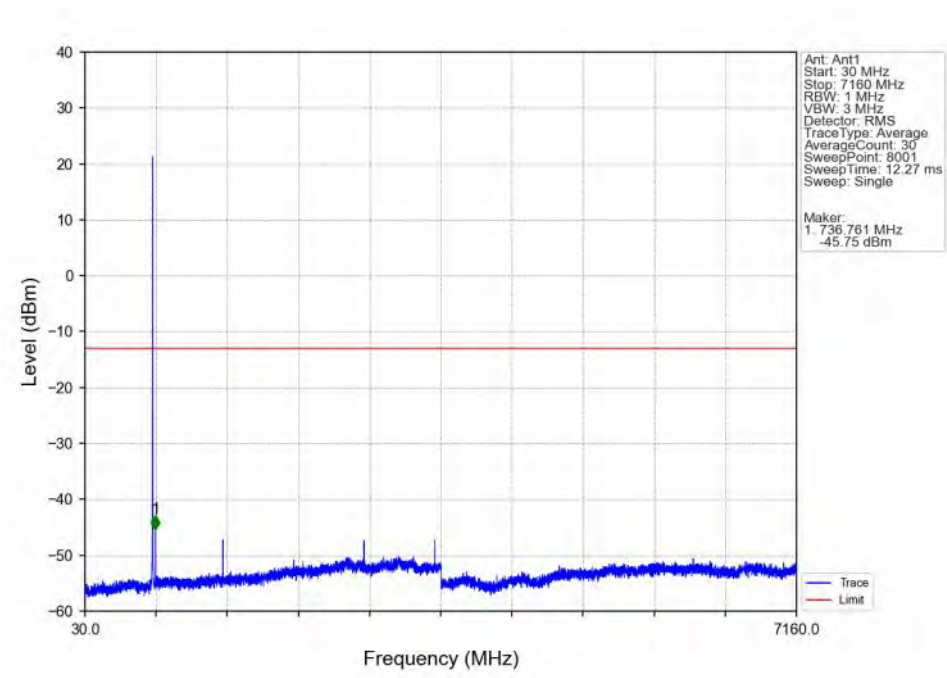
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



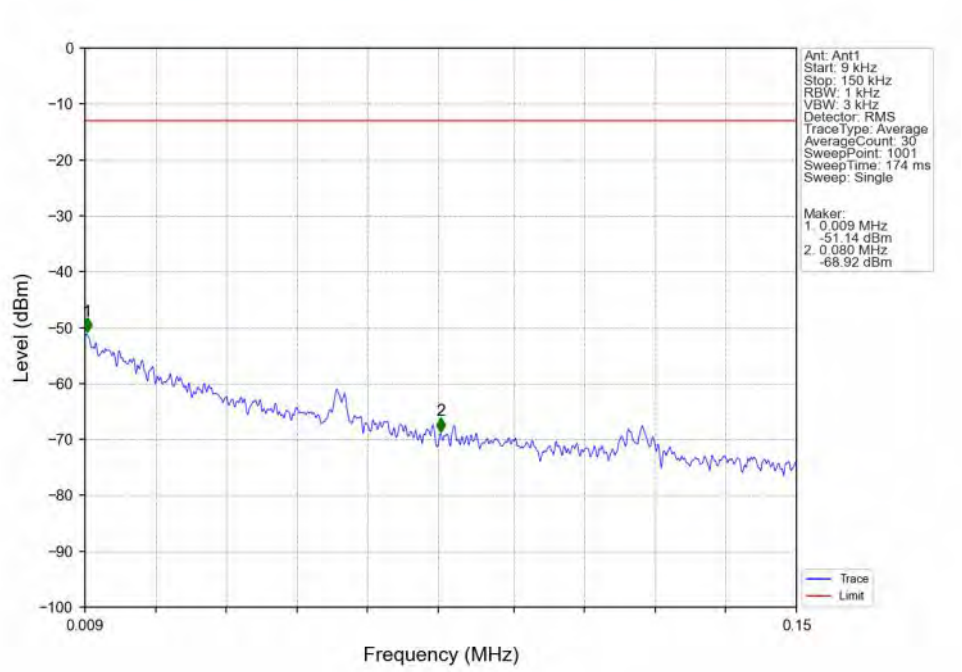
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



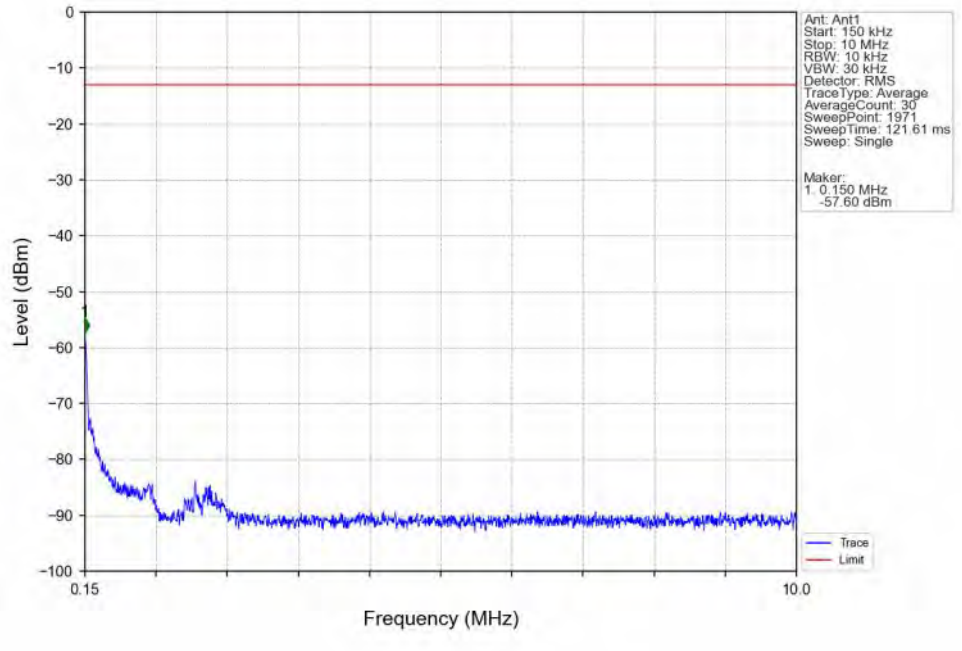
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



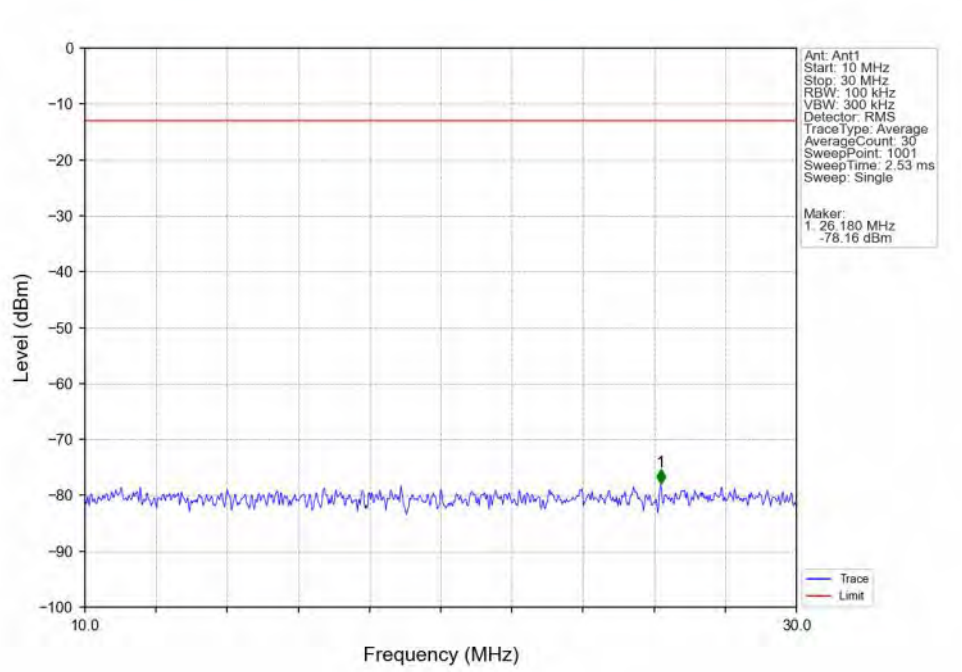
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_0_NTNV



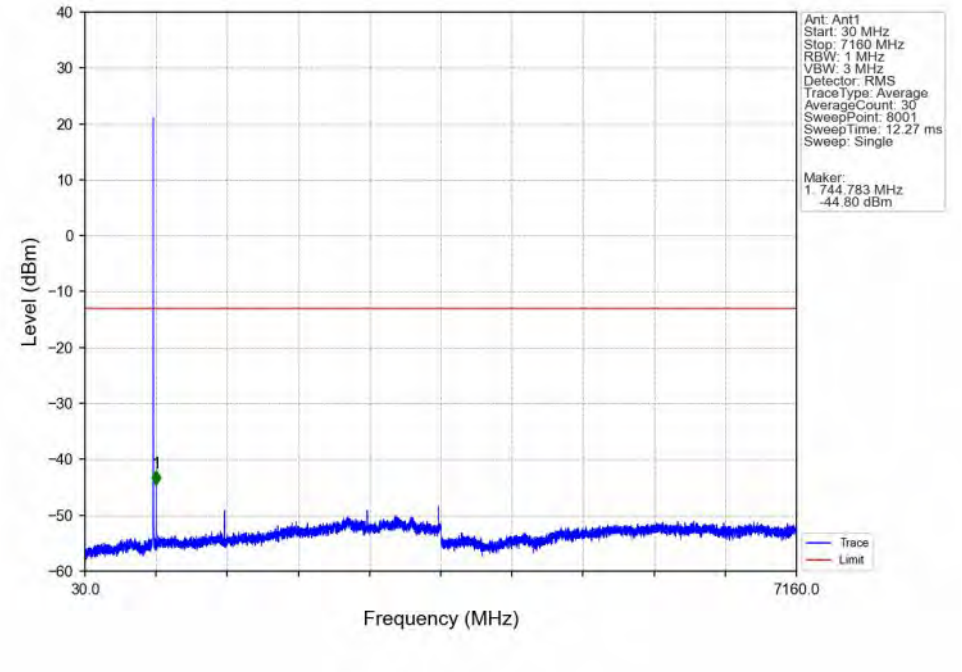
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_0_NTNV



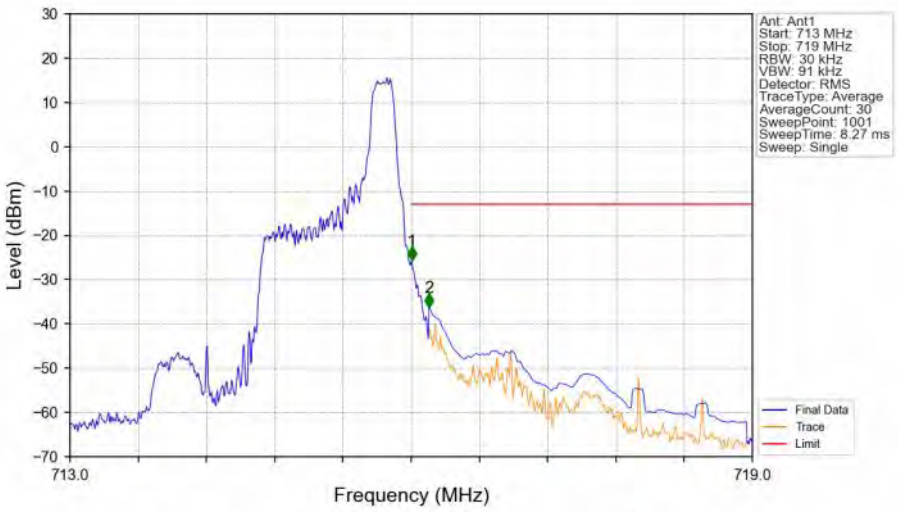
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_0_NTNV



Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_0_NTNV

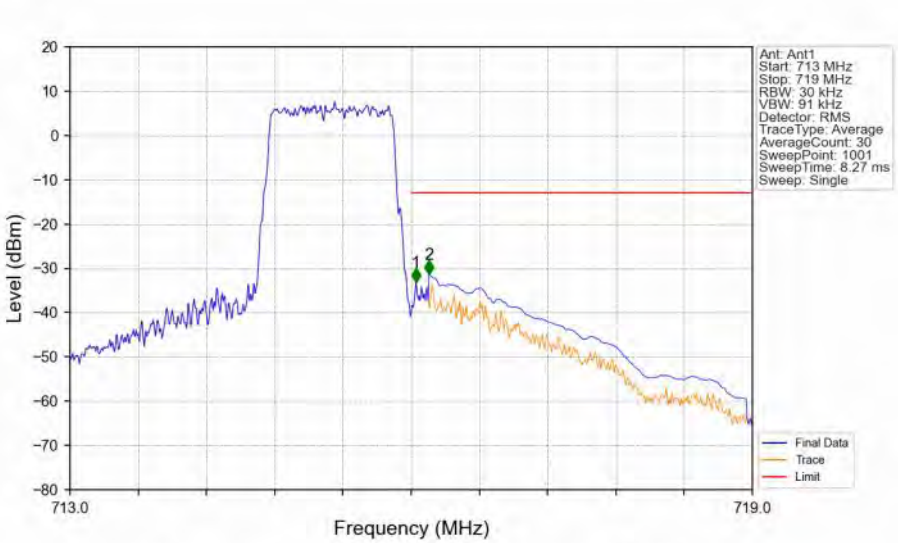


Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_5_NTNV



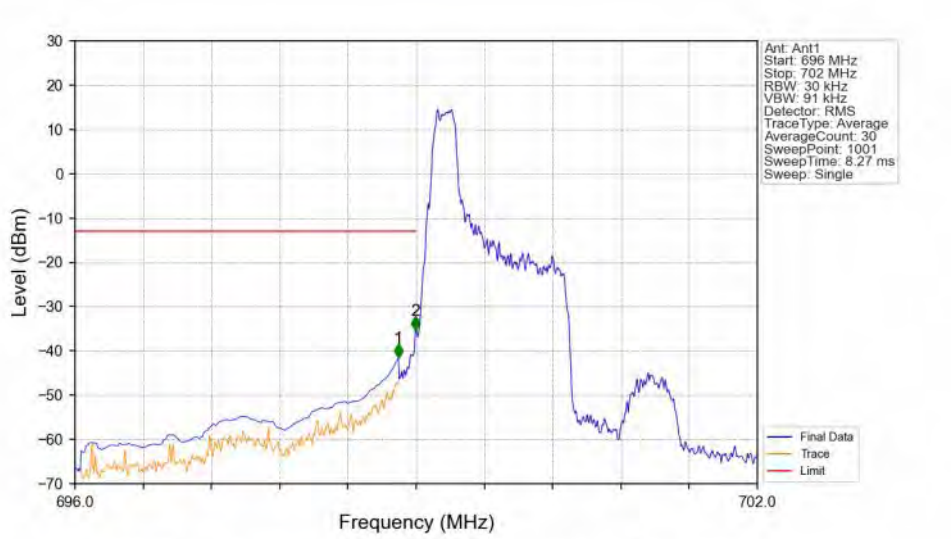
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.006	-25.76	-13	Pass
716.1	719	0.1	CHP	2	716.156	-36.24	-13	Pass

Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



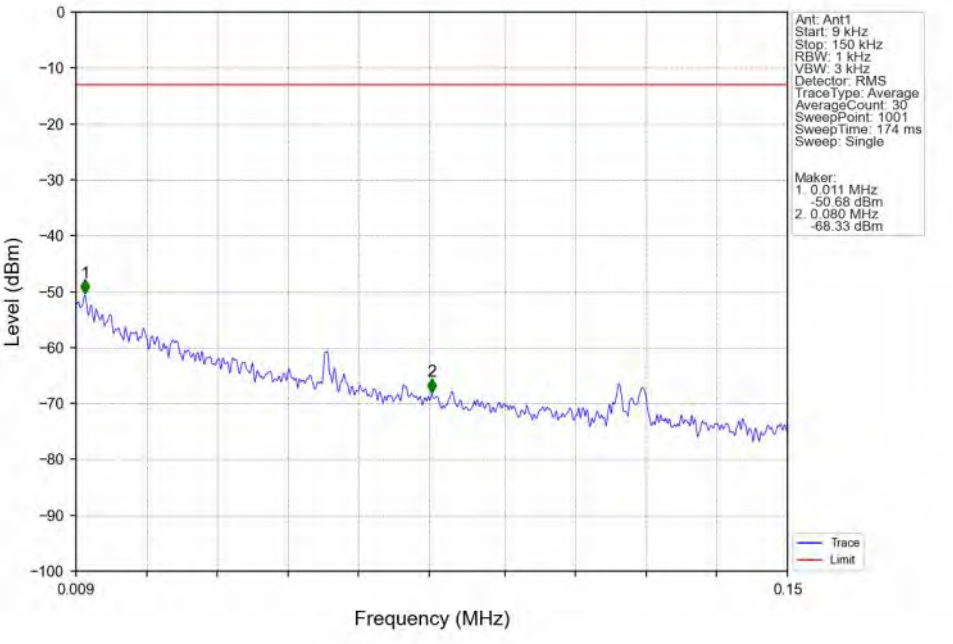
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.042	-33.18	-13	Pass
716.1	719	0.1	CHP	2	716.156	-31.31	-13	Pass

Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_1_0_NTNV

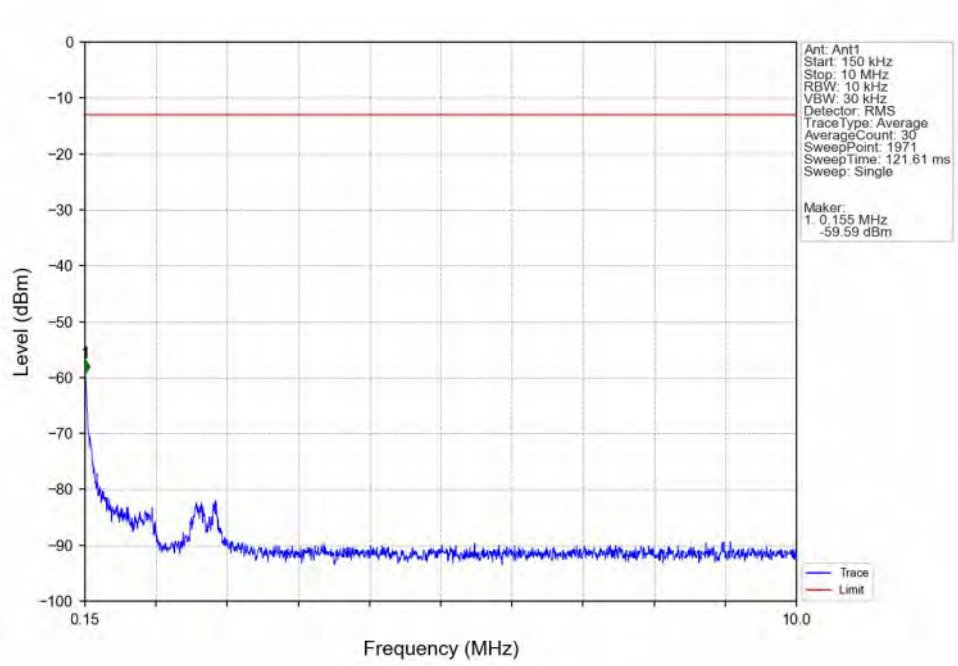


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-41.60	-13	Pass
698.9	699	0.03	/	2	698.994	-35.27	-13	Pass
699	702	0.03	/	/	/	/	/	/

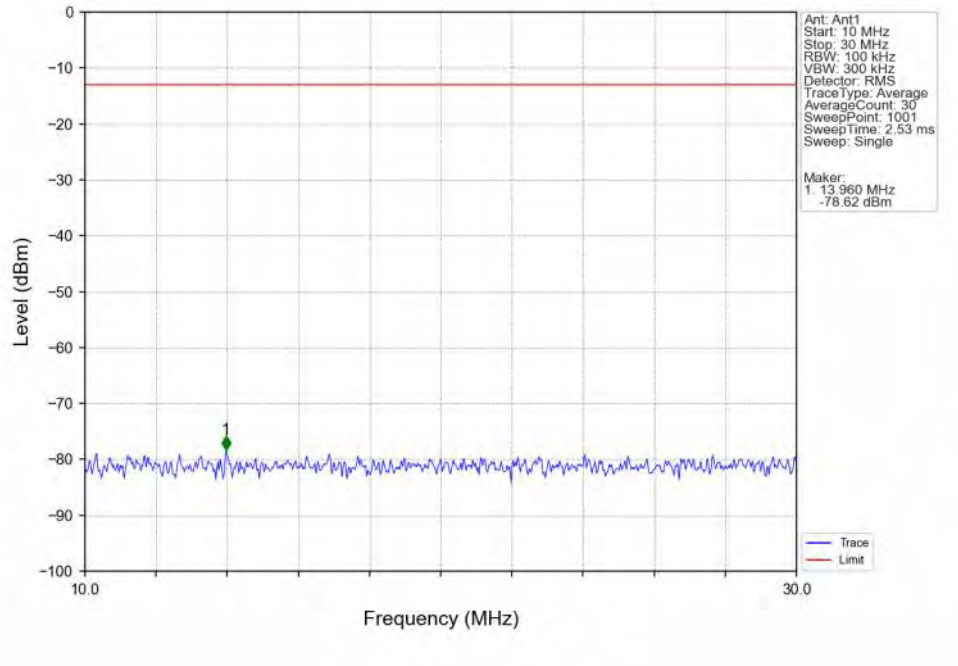
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_1_0_NTNV



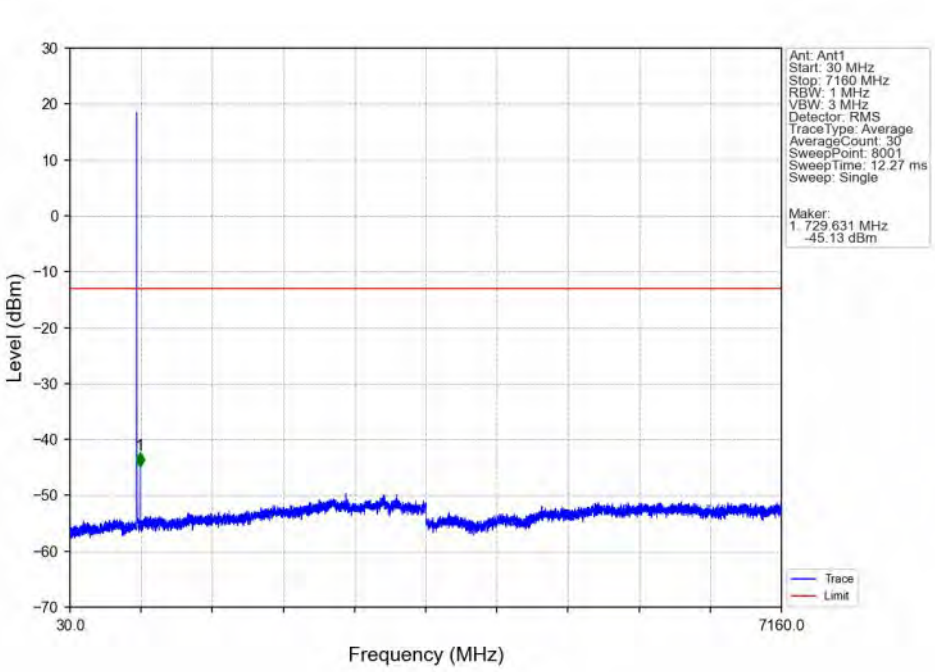
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_1_0_NTNV



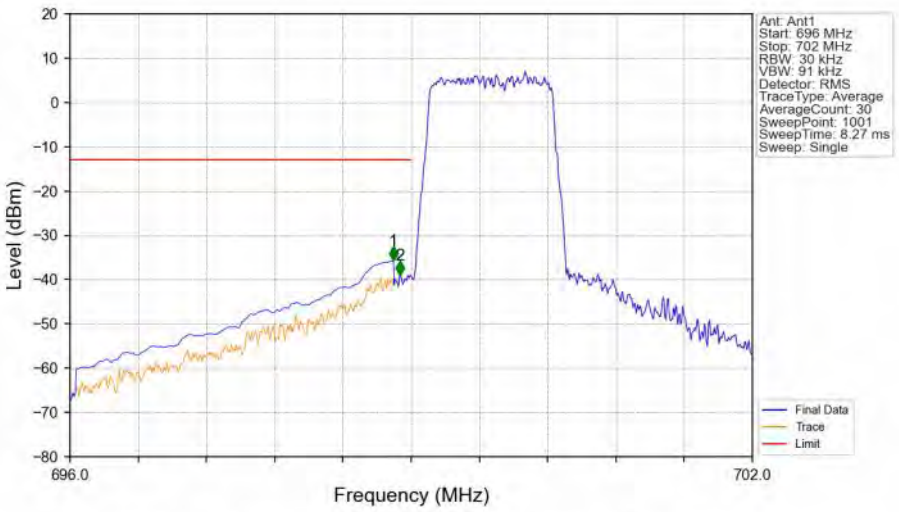
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_1_0_NTNV



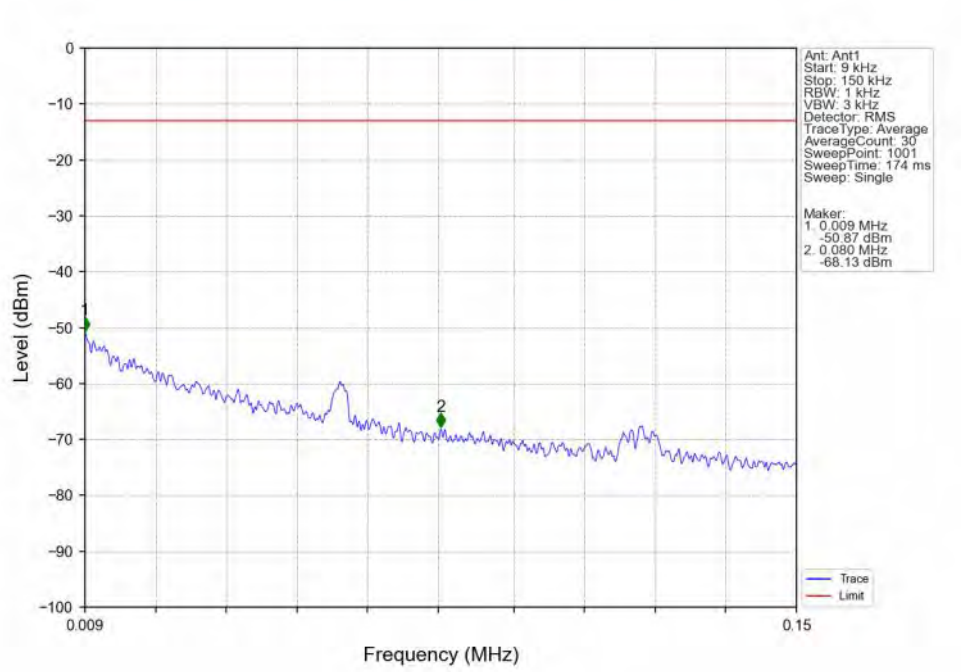
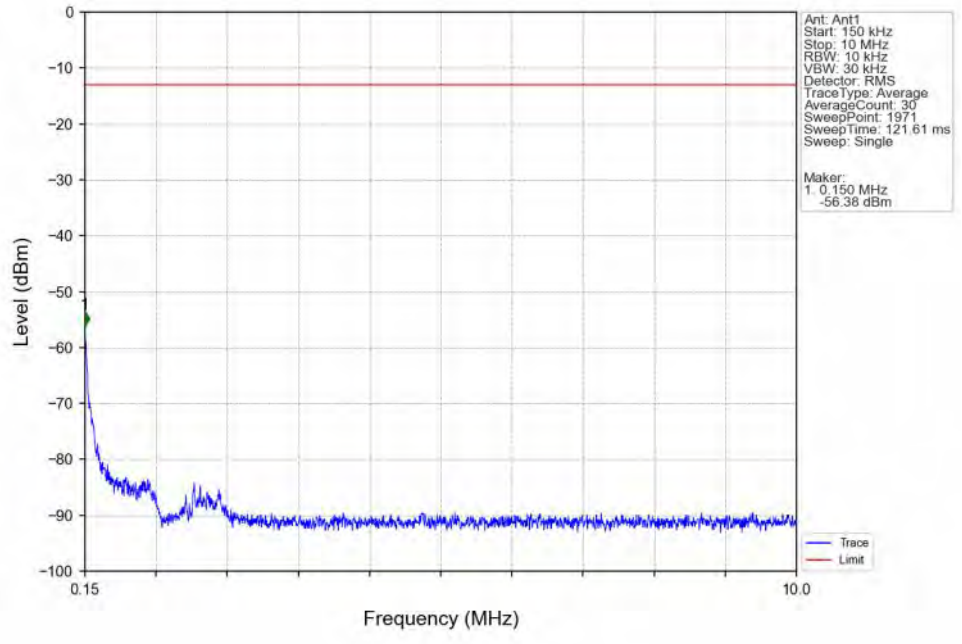
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_1_0_NTNV



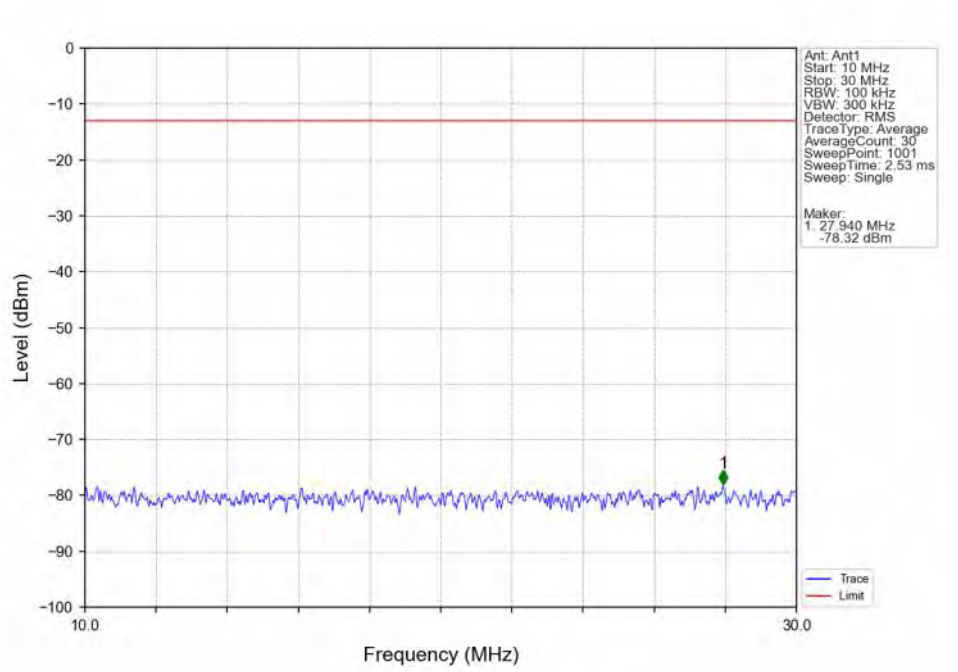
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



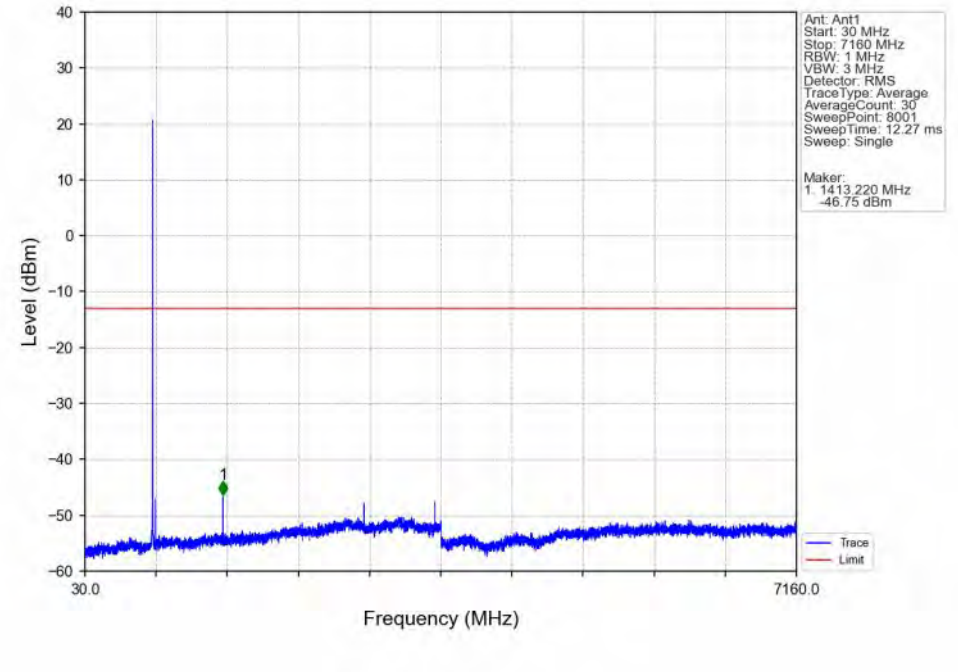
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-35.75	-13	Pass
698.9	699	0.03	/	2	698.904	-38.94	-13	Pass
699	702	0.03	/	/	/	/	/	/

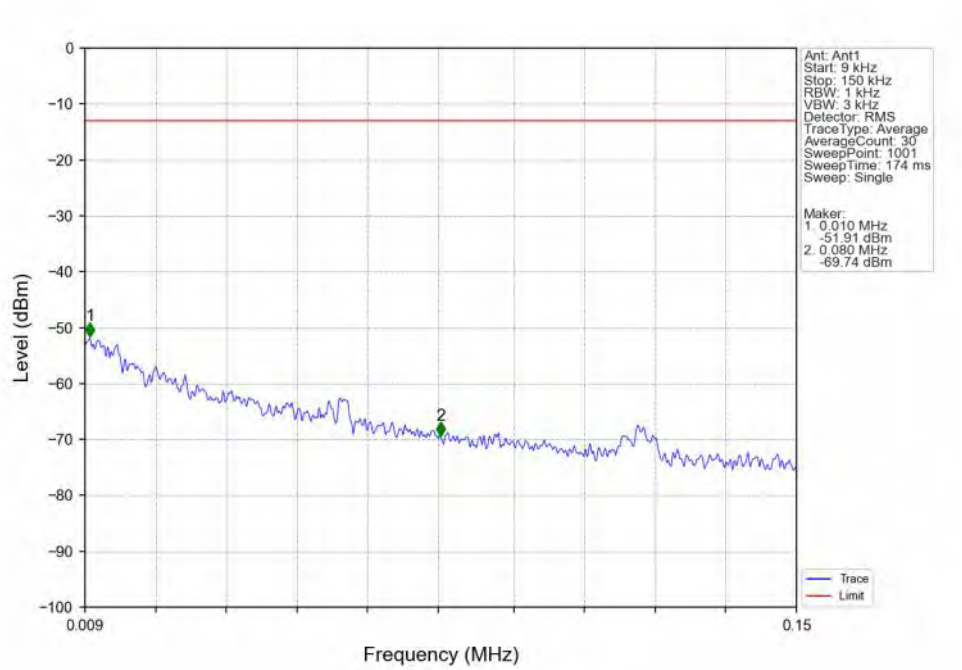
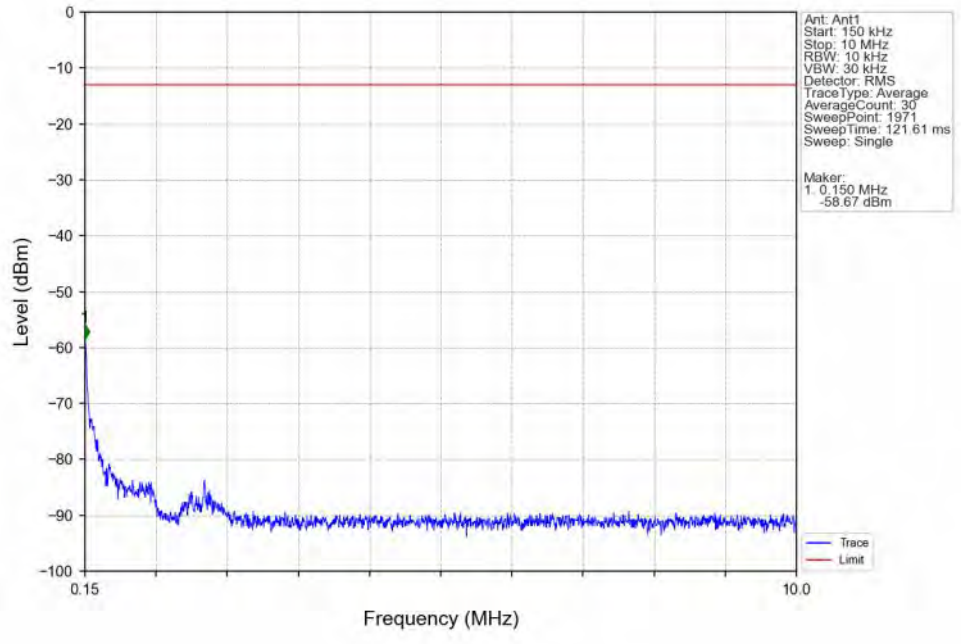
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV

Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV


Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV

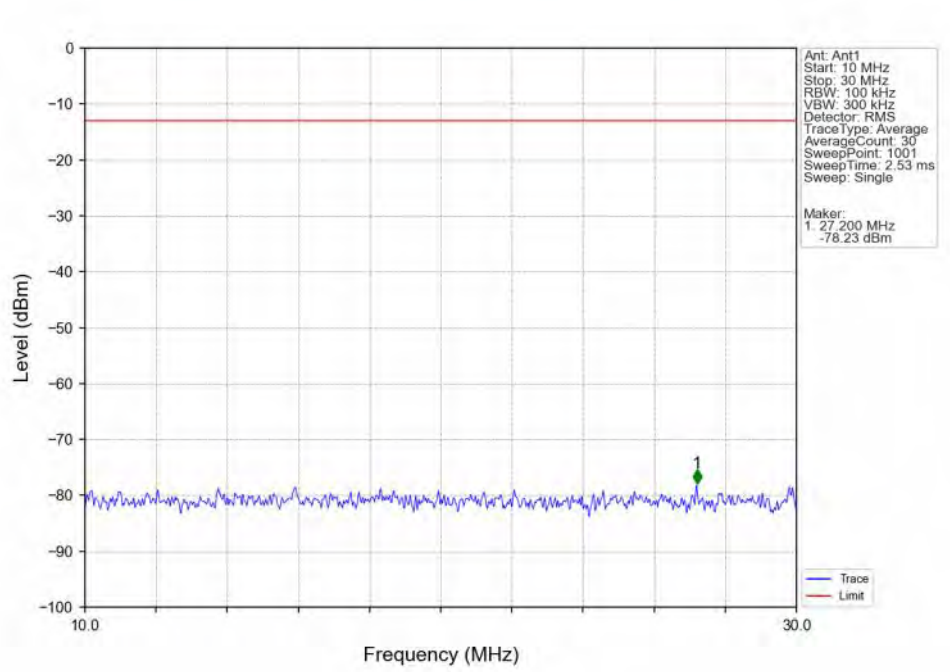


Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV

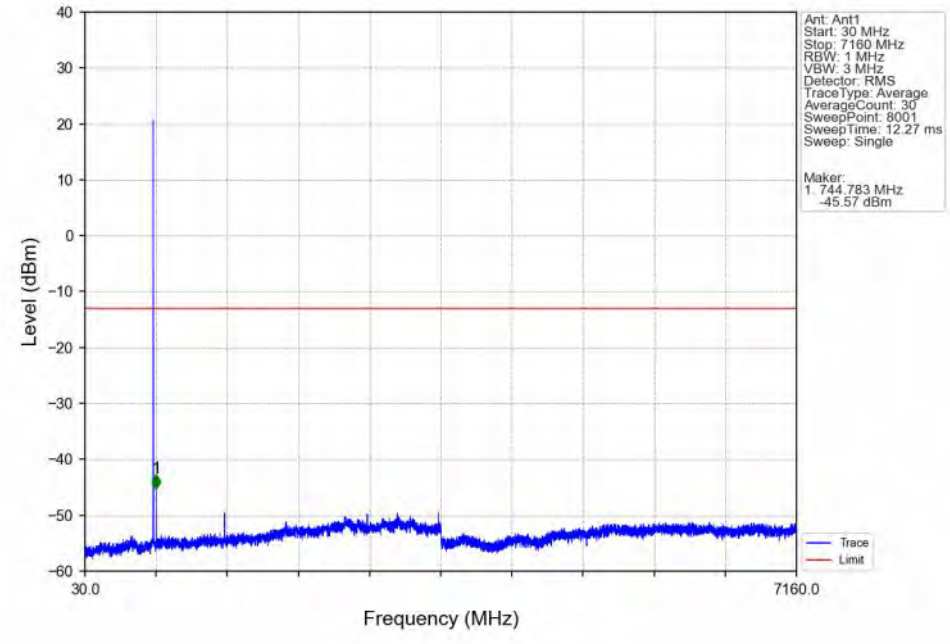


Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_1_0_NTNV

Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_1_0_NTNV


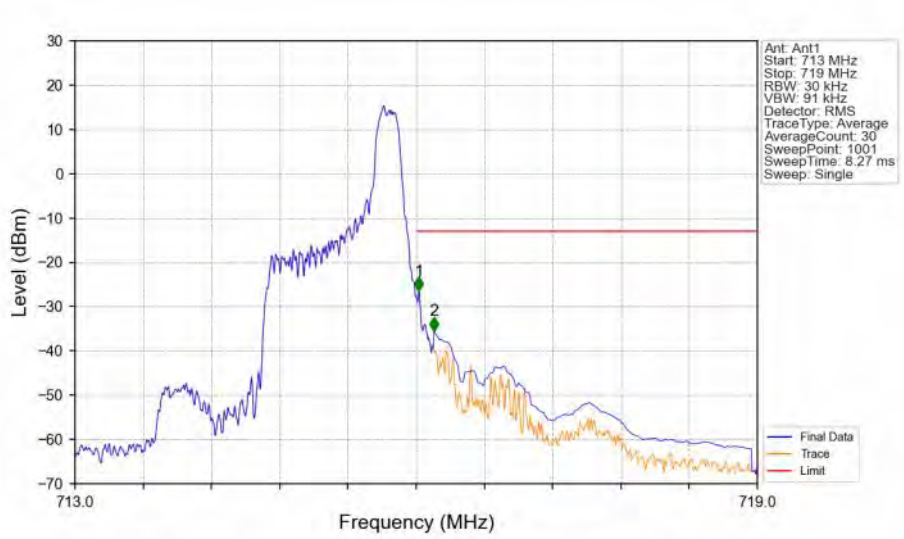
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_1_0_NTNV



Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_1_0_NTNV

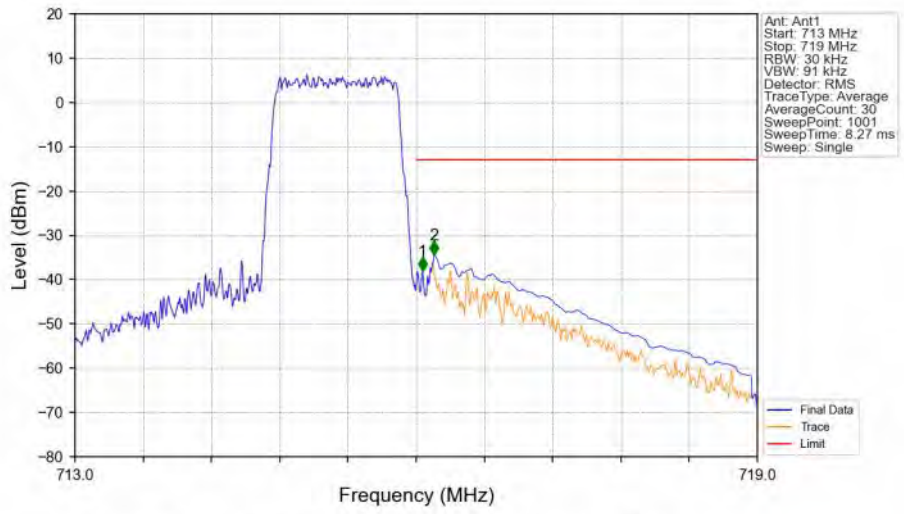


Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_1_5_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.024	-26.37	-13	Pass
716.1	719	0.1	CHP	2	716.156	-35.43	-13	Pass

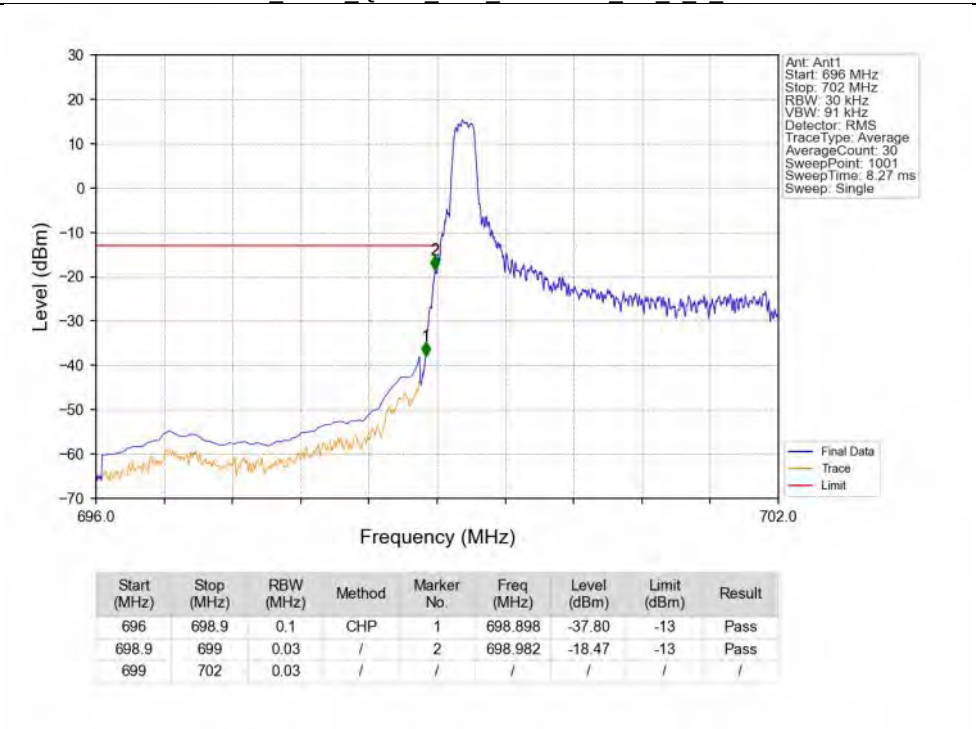
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.054	-38.02	-13	Pass
716.1	719	0.1	CHP	2	716.156	-34.36	-13	Pass

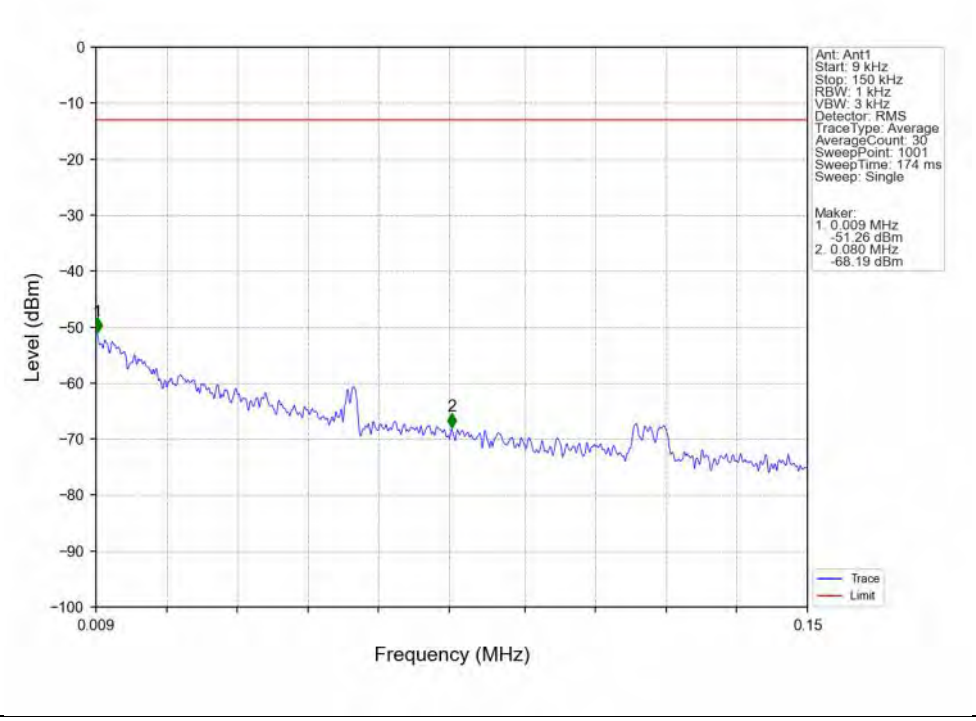
6.2.2 B12_3MHz

Band12_3MHz_QPSK_LCH_700.5MHz_RB_1_0_NTNV

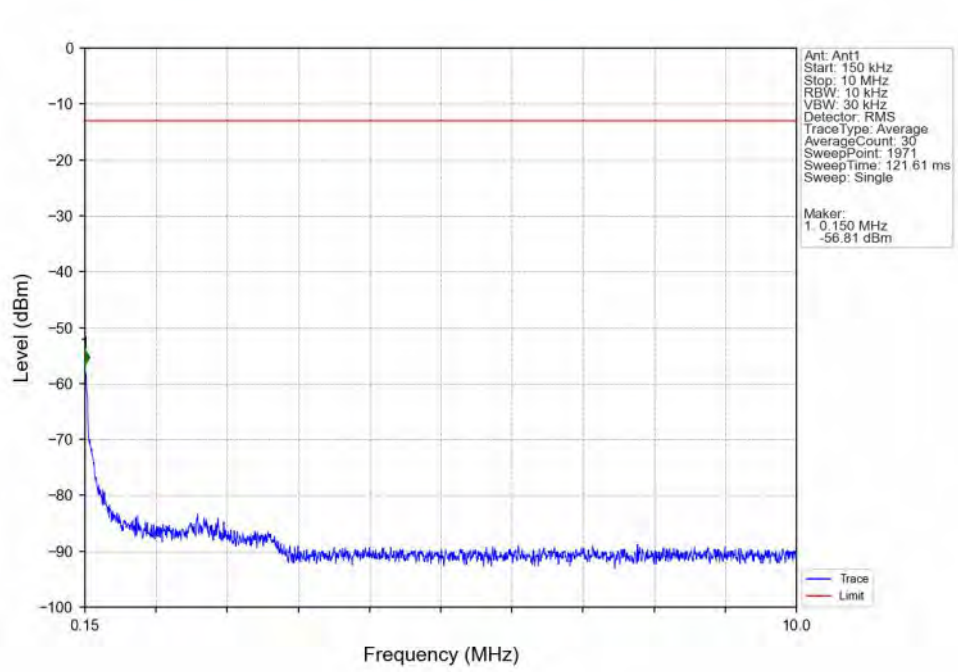


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.898	-37.80	-13	Pass
698.9	699	0.03	/	2	698.982	-18.47	-13	Pass
699	702	0.03	/	/	/	/	/	/

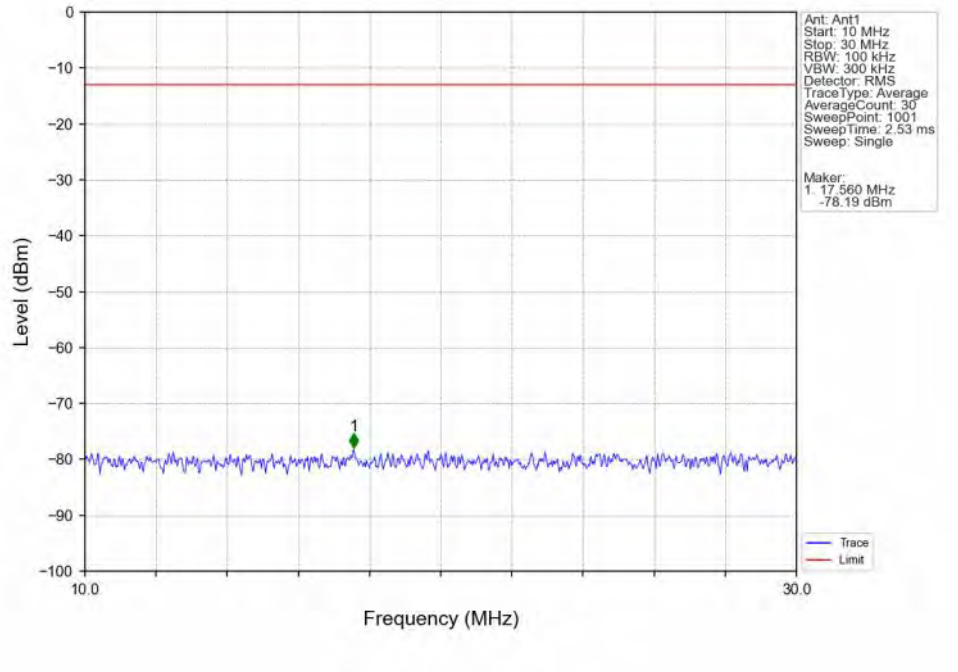
Band12_3MHz_QPSK_LCH_700.5MHz_RB_1_0_NTNV



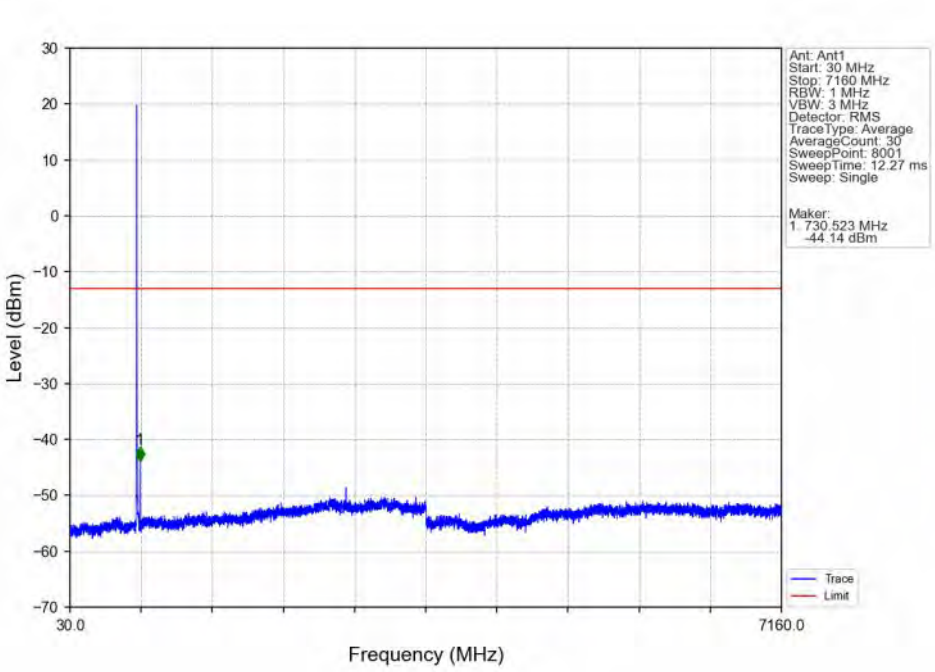
Band12_3MHz_QPSK_LCH_700.5MHz_RB_1_0_NTNV



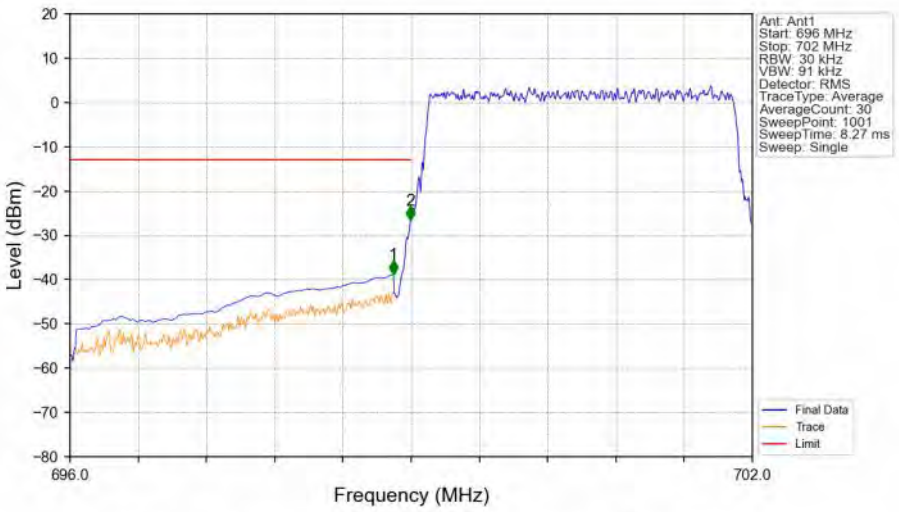
Band12_3MHz_QPSK_LCH_700.5MHz_RB_1_0_NTNV



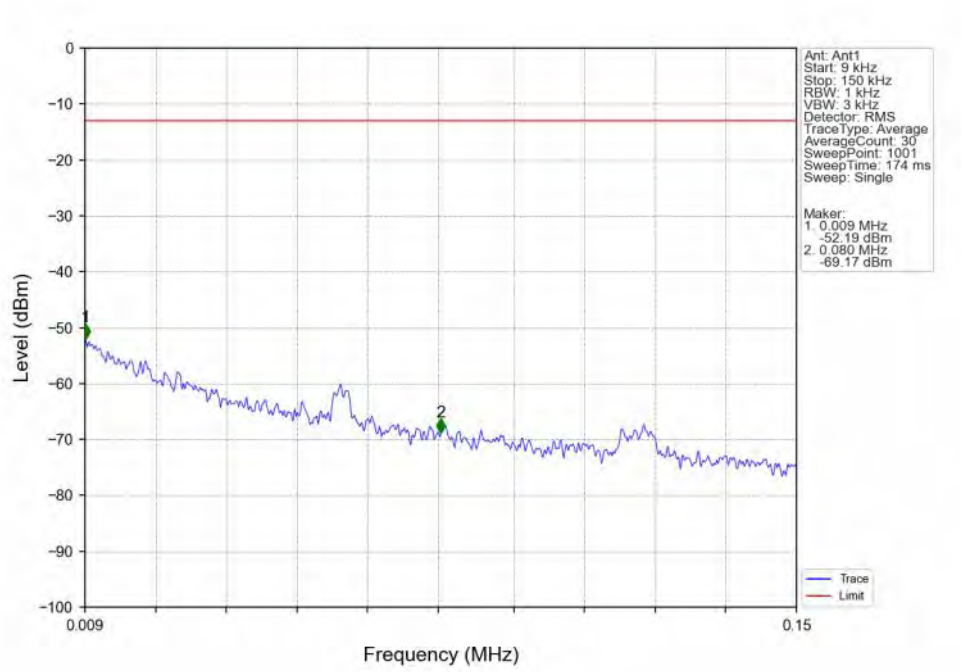
Band12_3MHz_QPSK_LCH_700.5MHz_RB_1_0_NTNV

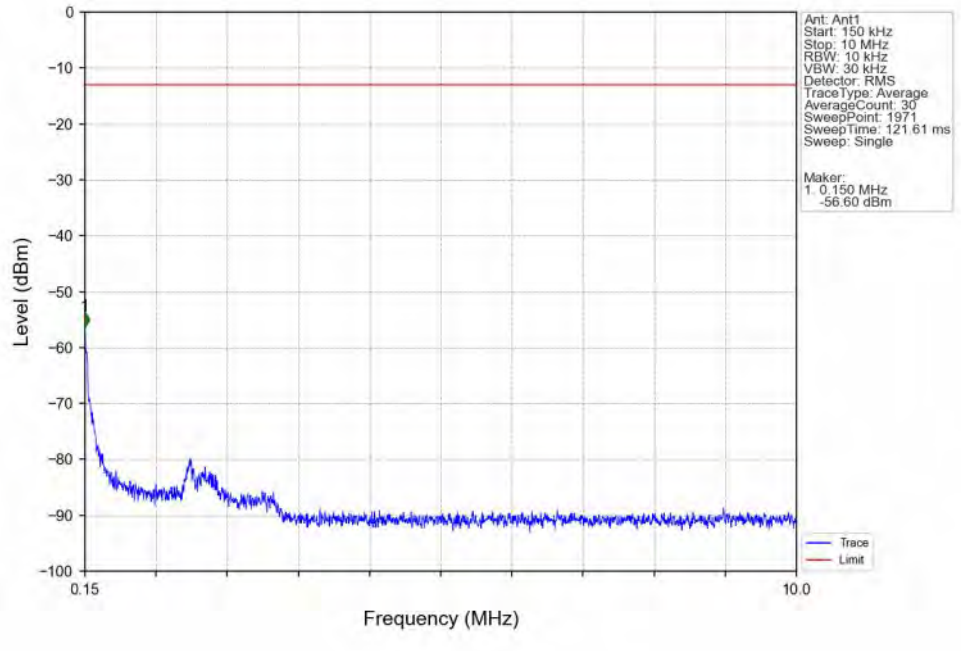


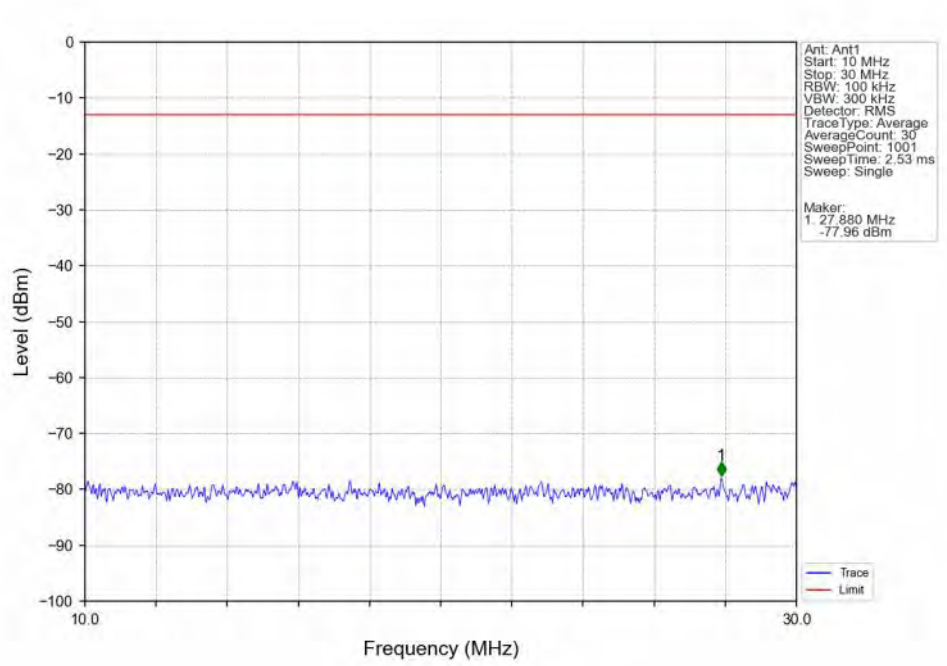
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV

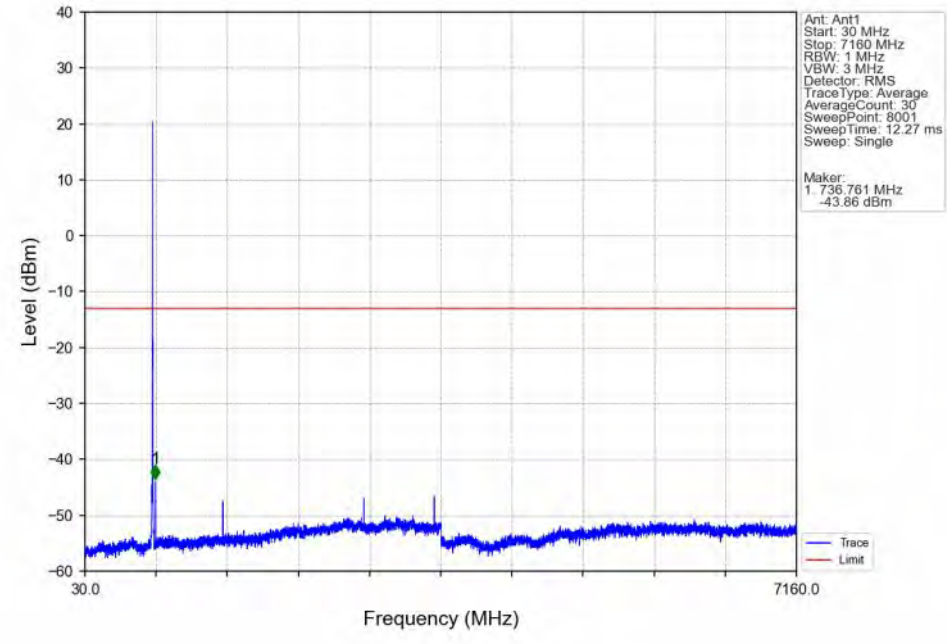


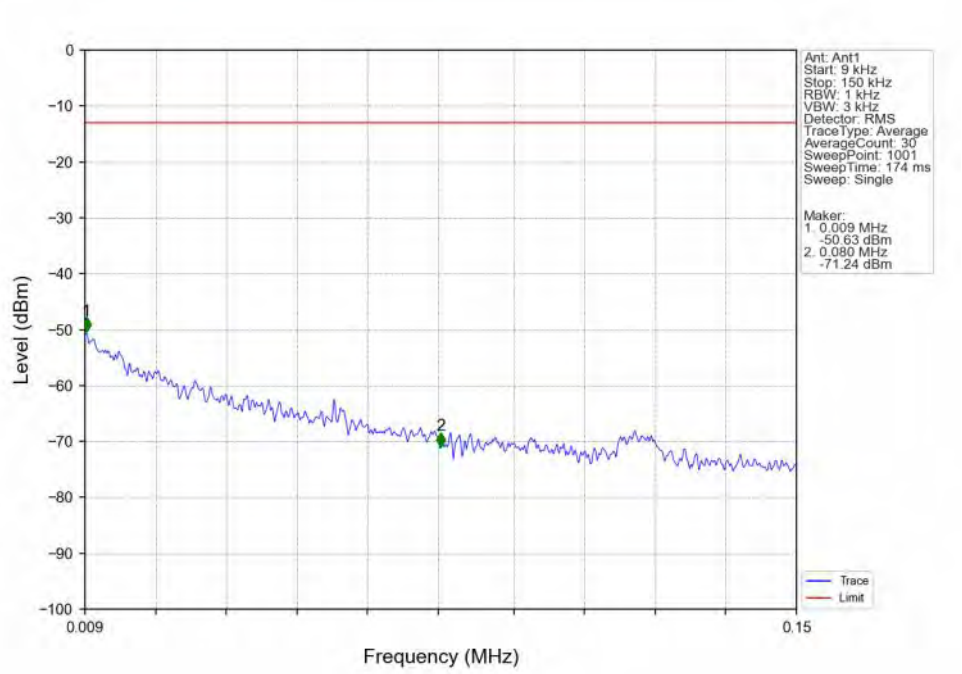
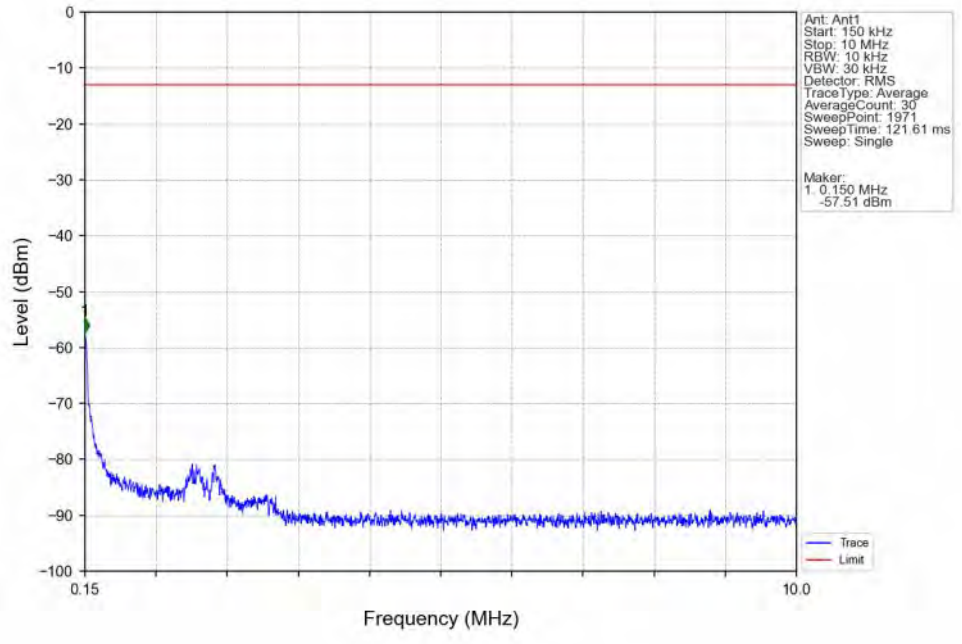
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-38.75	-13	Pass
698.9	699	0.03	/	2	698.994	-26.53	-13	Pass
699	702	0.03	/	/	/	/	/	/

Band12_3MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV


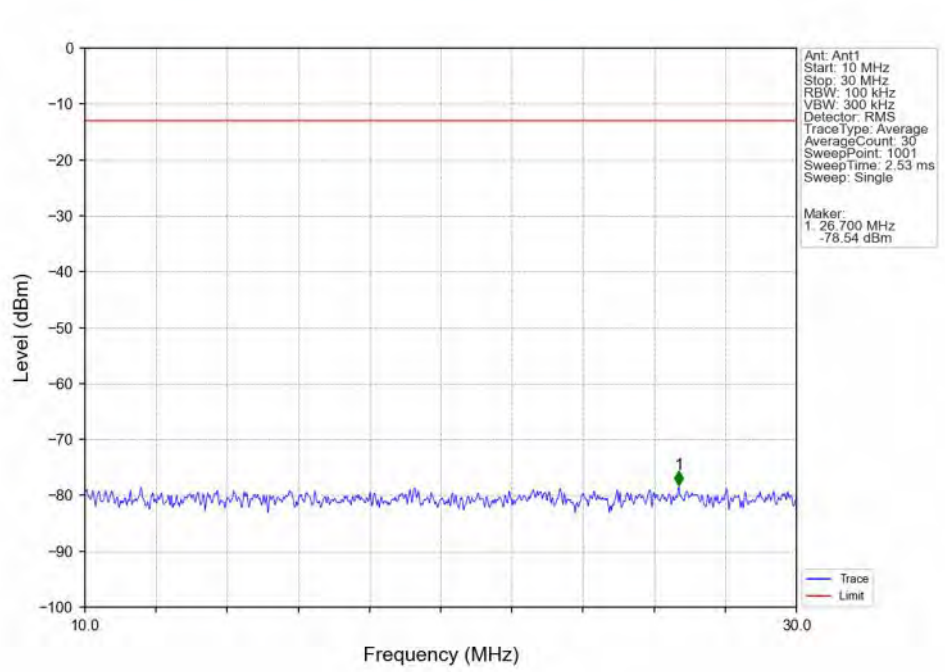
Band12_3MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV


Band12_3MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV


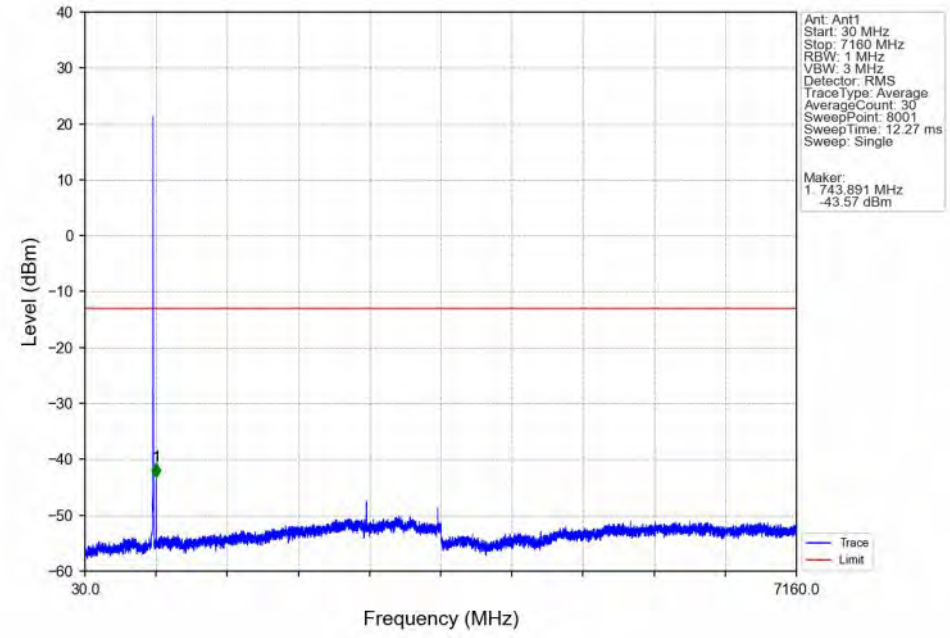
Band12_3MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV


Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_0_NTNV

Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_0_NTNV


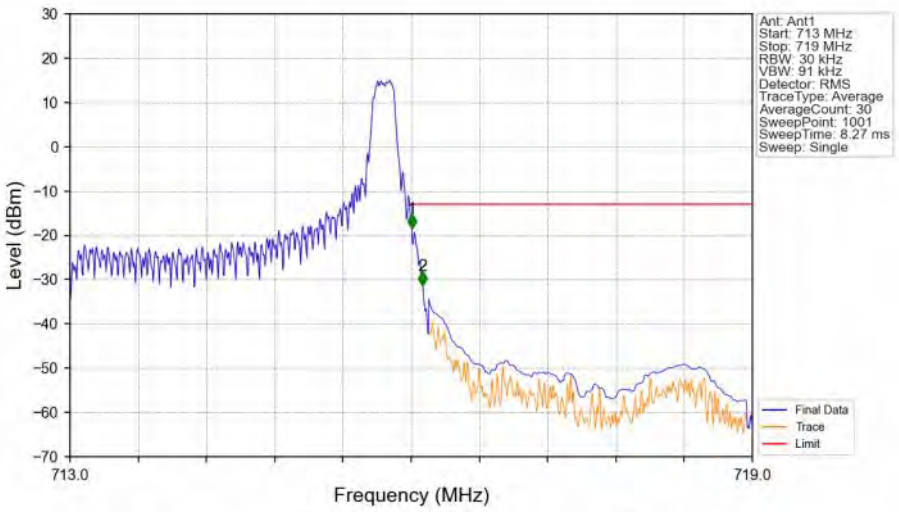
Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_0_NTNV



Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_0_NTNV

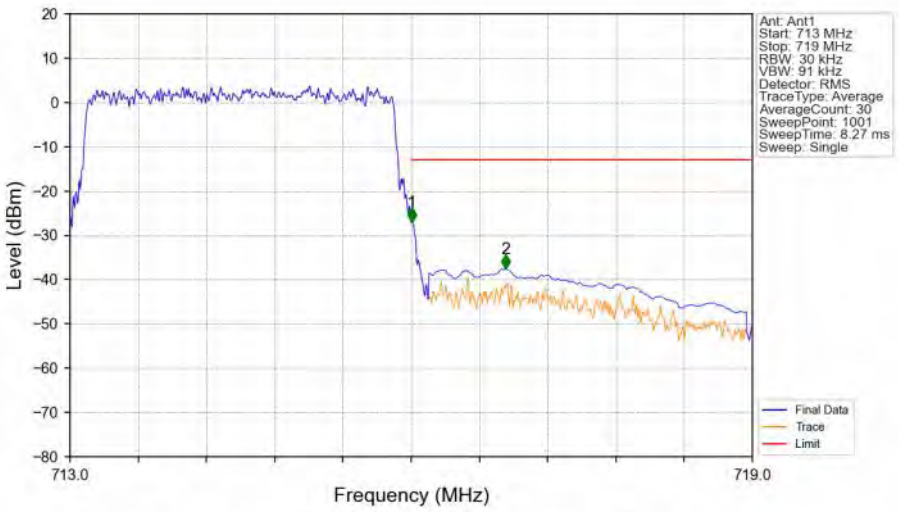


Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_14_NTNV



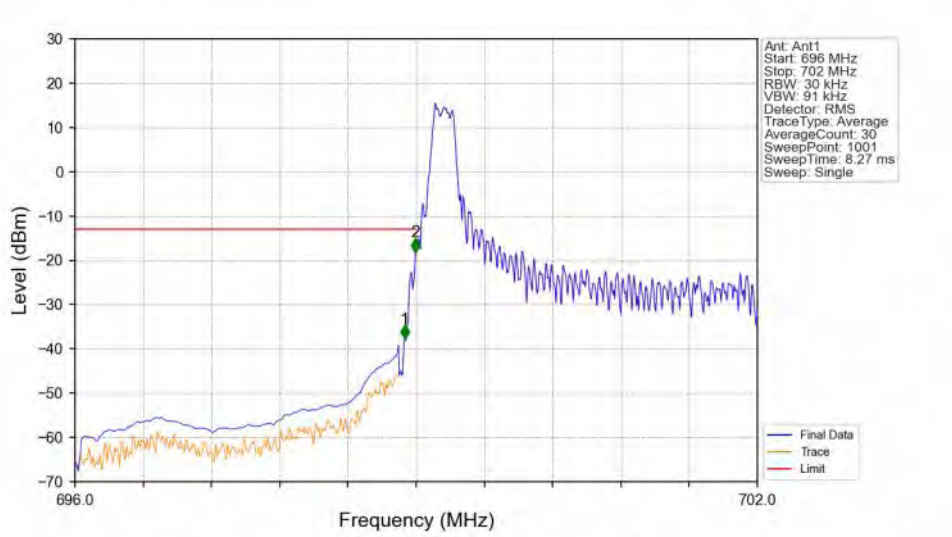
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.006	-18.43	-13	Pass
716.1	719	0.1	CHP	2	716.102	-31.33	-13	Pass

Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



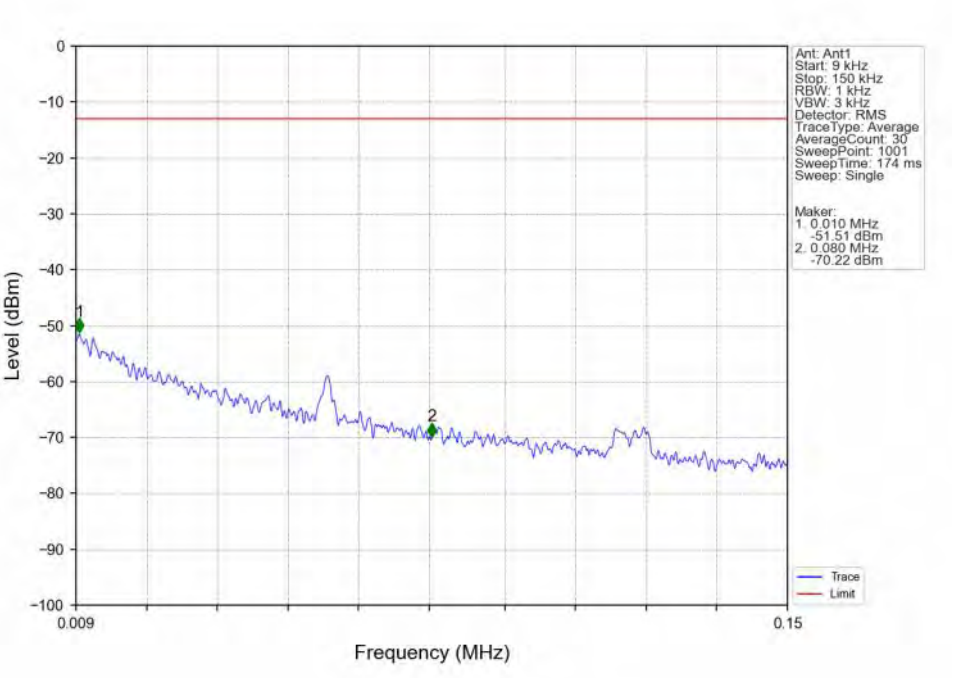
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.006	-27.02	-13	Pass
716.1	719	0.1	CHP	2	716.828	-37.50	-13	Pass

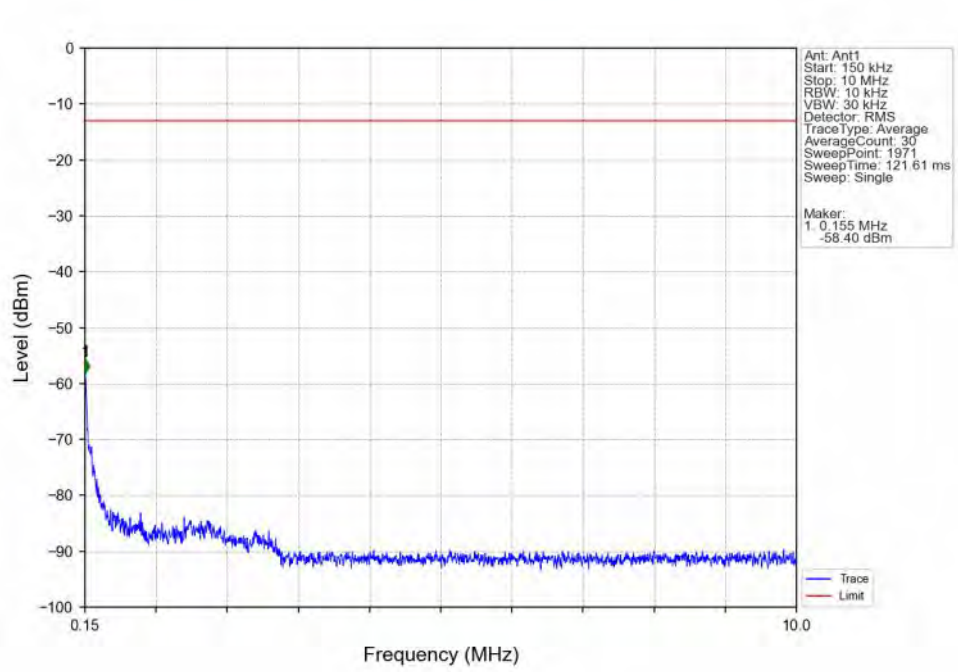
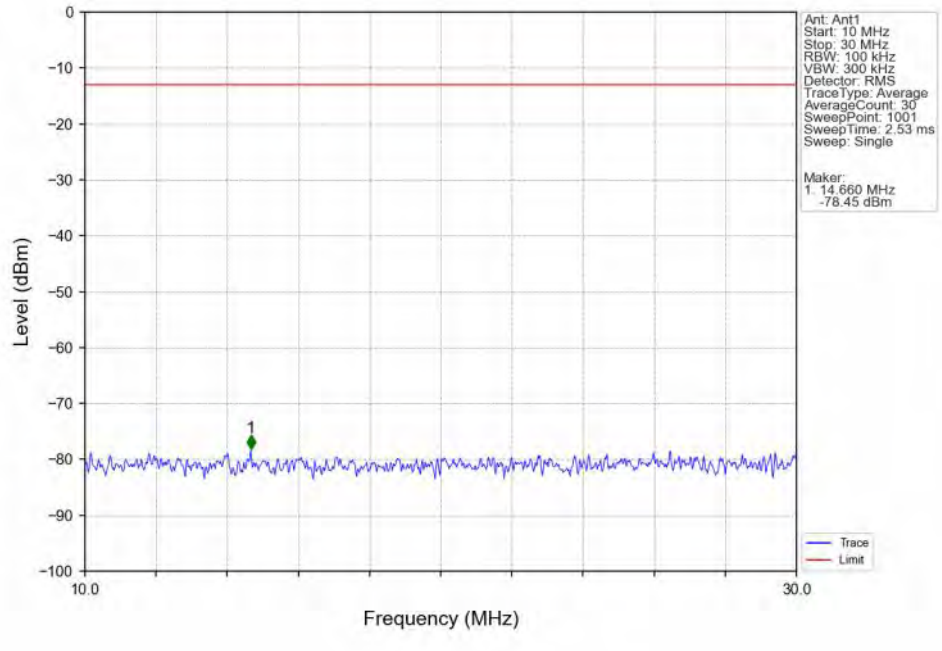
Band12_3MHz_16QAM_LCH_700.5MHz_RB_1_0_NTNV



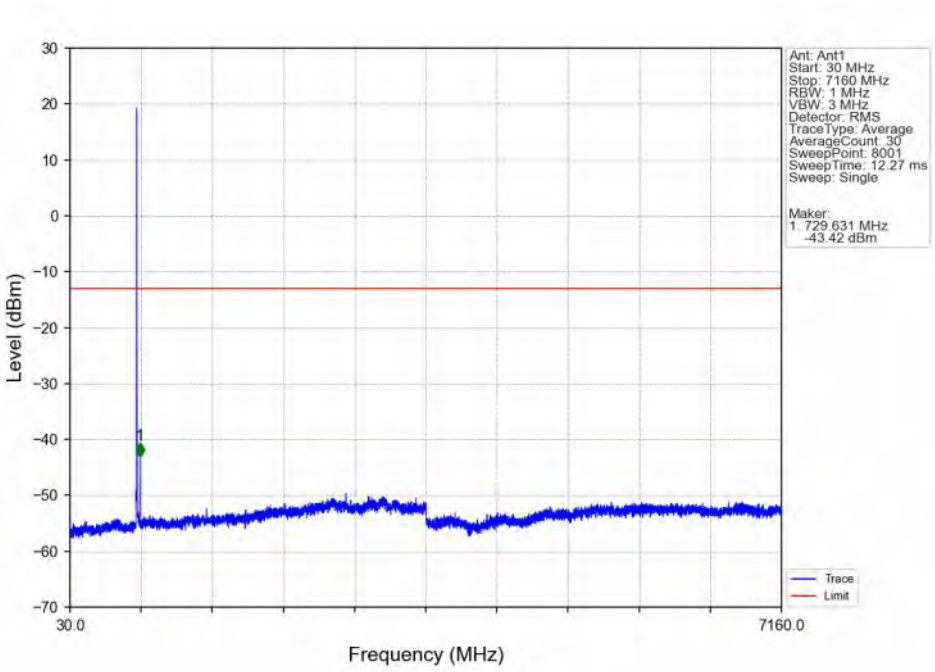
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.898	-37.70	-13	Pass
698.9	699	0.03	/	2	698.994	-18.12	-13	Pass
699	702	0.03	/	/	/	/	/	/

Band12_3MHz_16QAM_LCH_700.5MHz_RB_1_0_NTNV

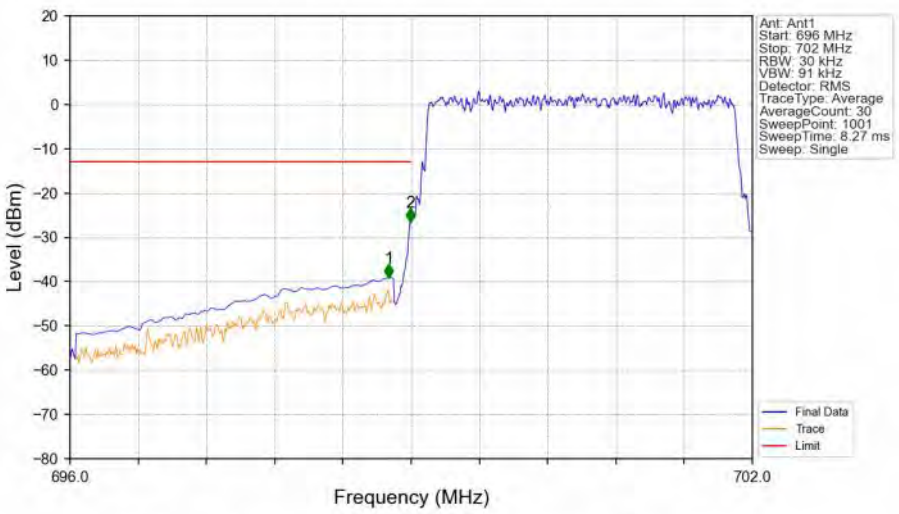


Band12_3MHz_16QAM_LCH_700.5MHz_RB_1_0_NTNV

Band12_3MHz_16QAM_LCH_700.5MHz_RB_1_0_NTNV


Band12_3MHz_16QAM_LCH_700.5MHz_RB_1_0_NTNV

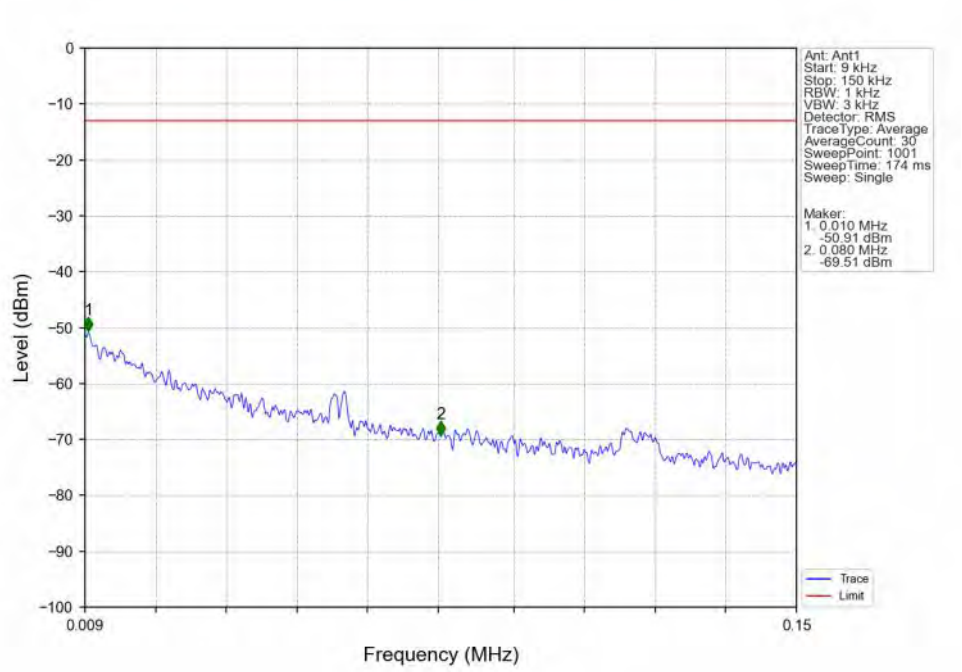


Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV

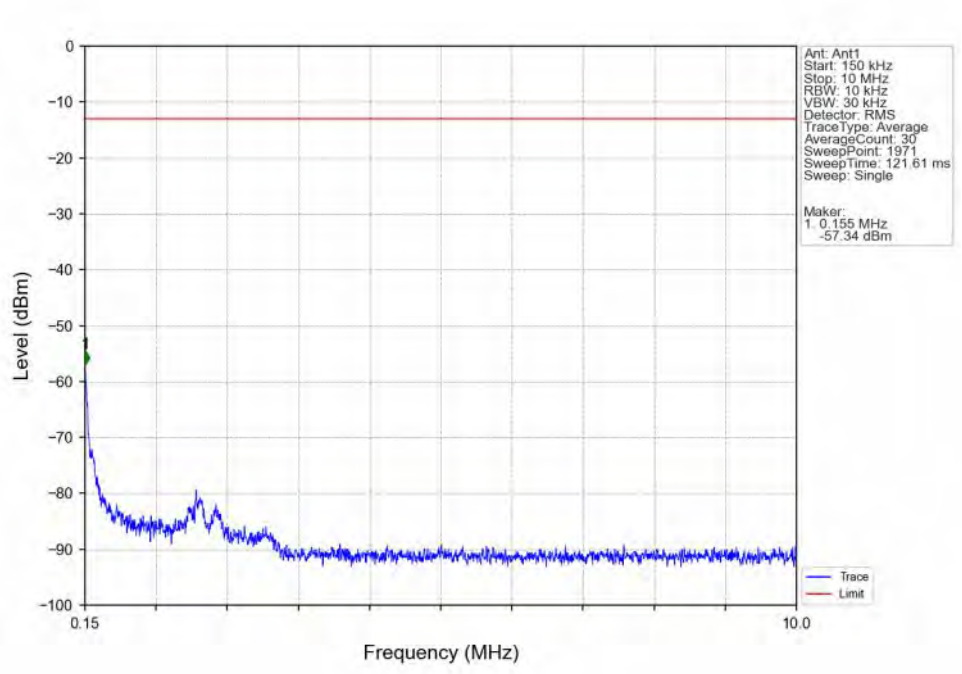


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.802	-39.10	-13	Pass
698.9	699	0.03	/	2	698.994	-26.65	-13	Pass
699	702	0.03	/	/	/	/	/	/

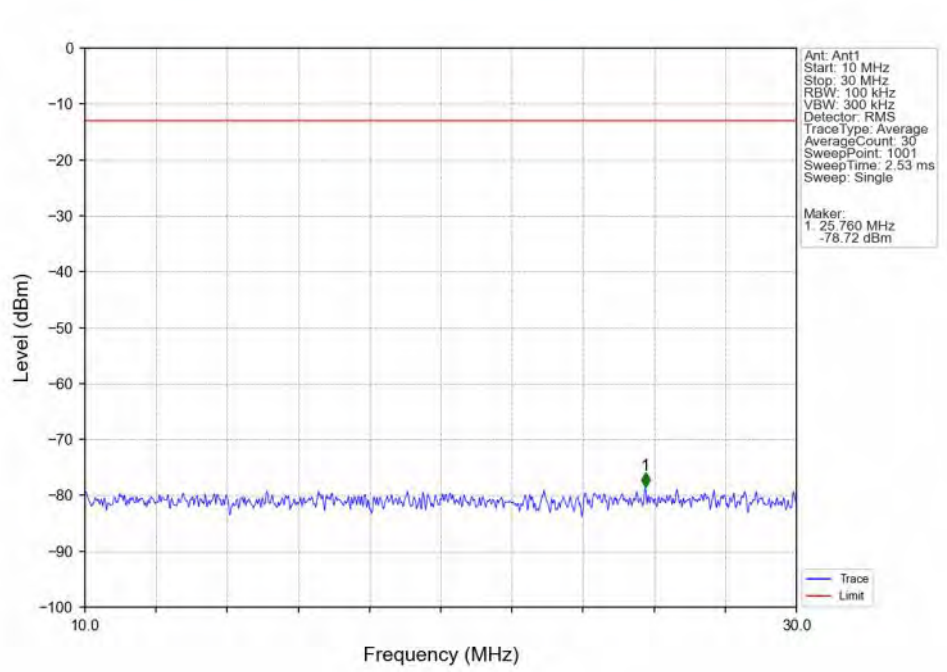
Band12_3MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



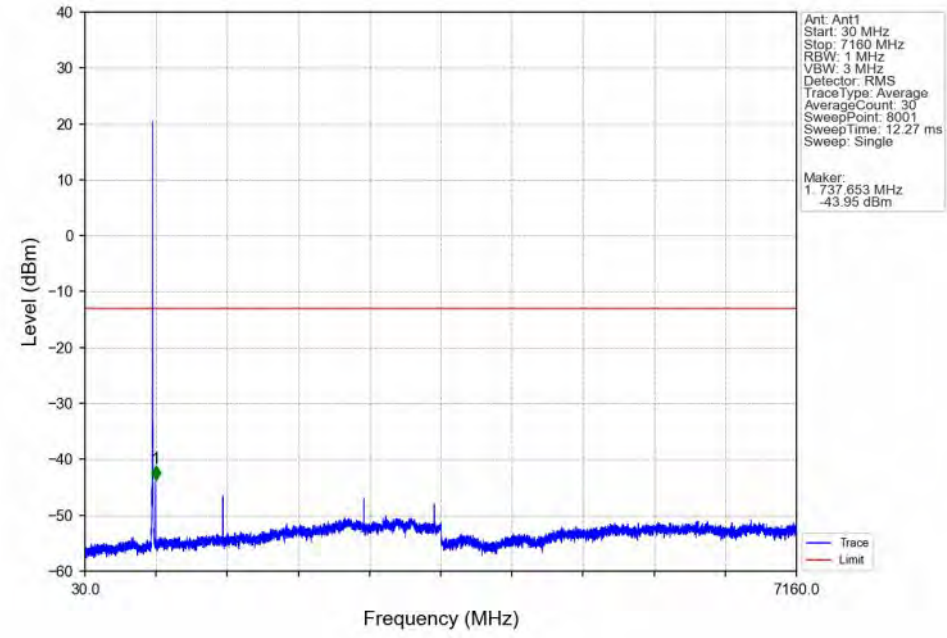
Band12_3MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



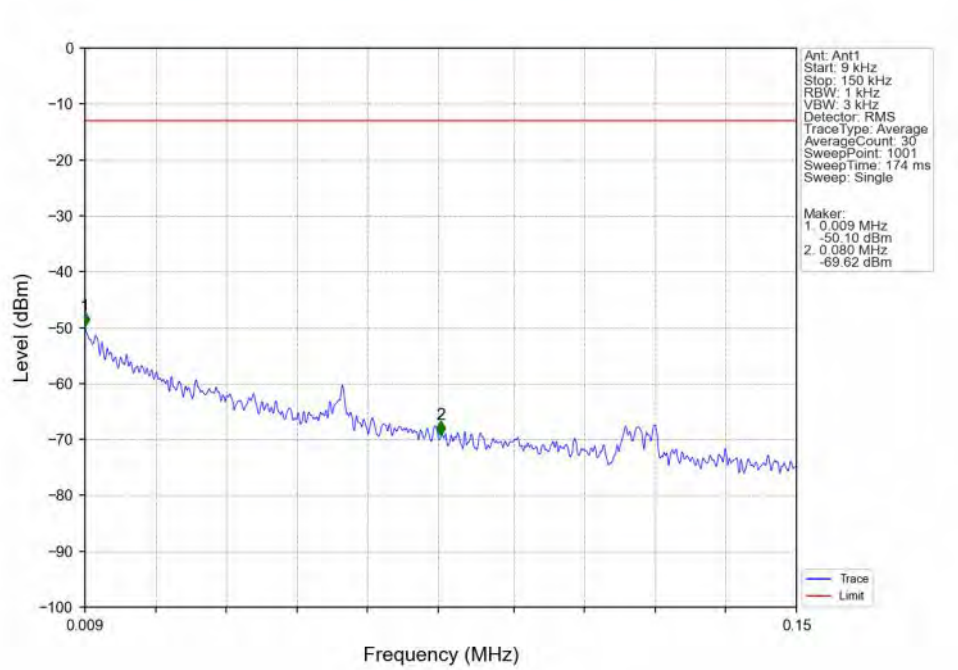
Band12_3MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



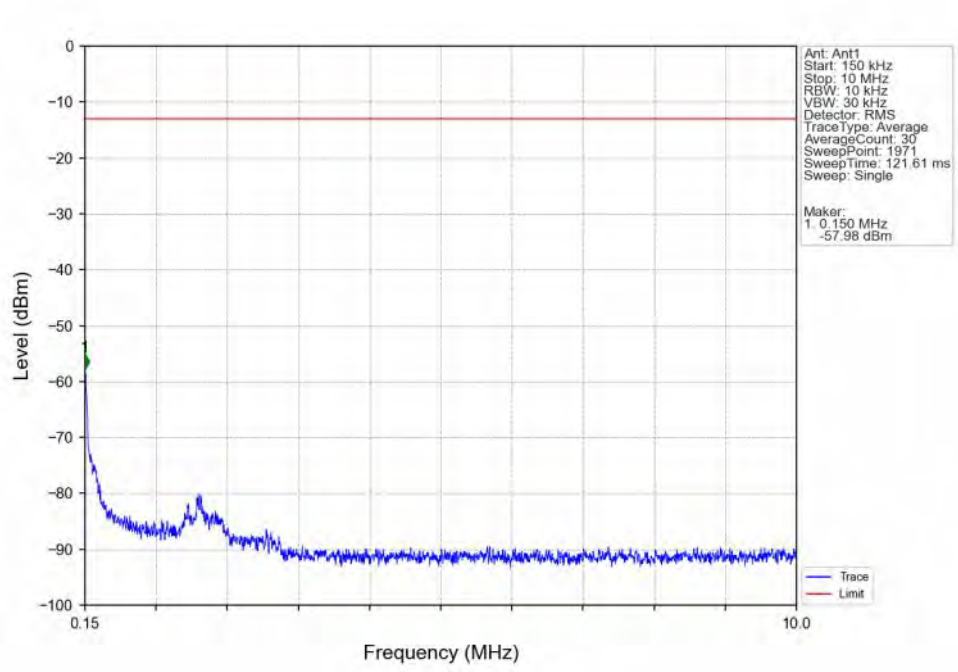
Band12_3MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



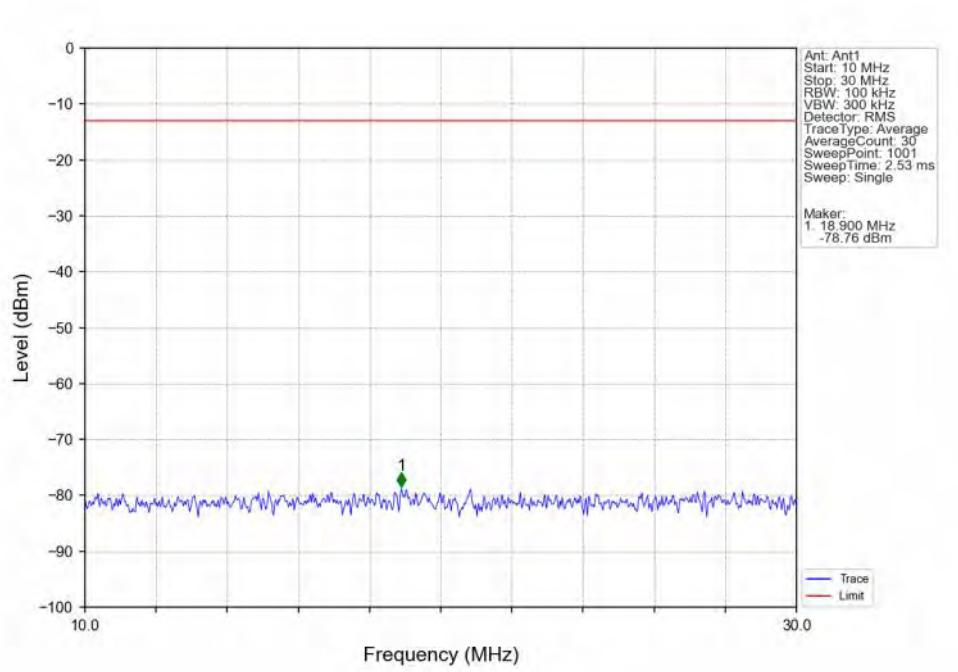
Band12_3MHz_16QAM_HCH_714.5MHz_RB_1_0_NTNV



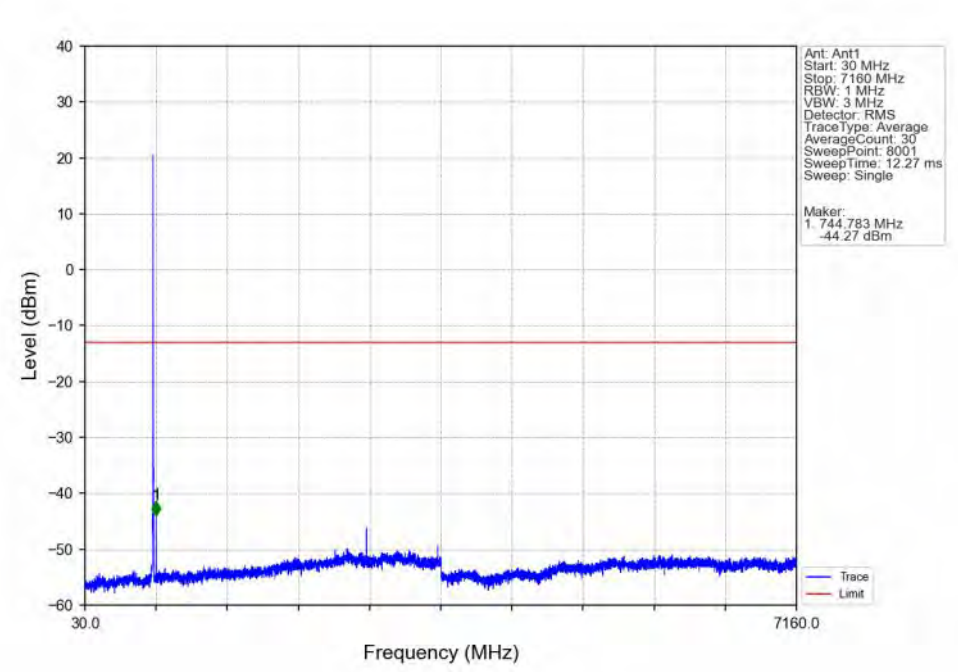
Band12_3MHz_16QAM_HCH_714.5MHz_RB_1_0_NTNV



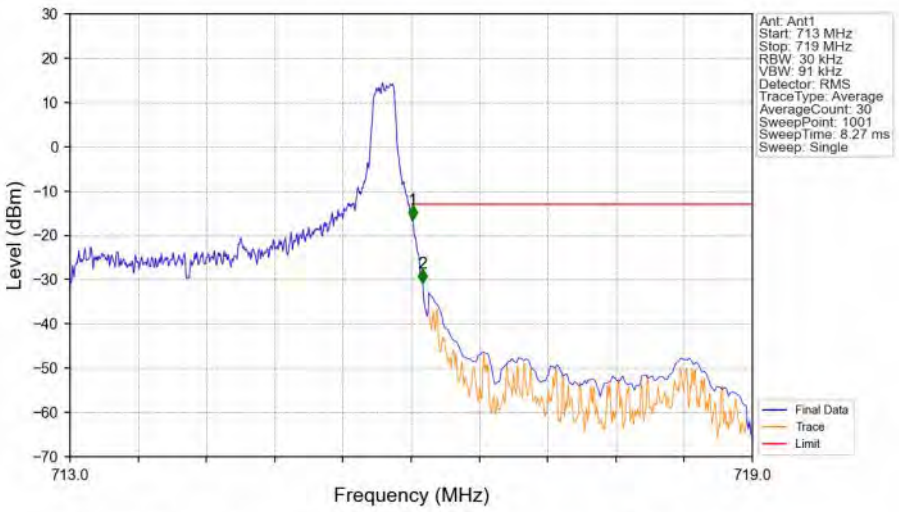
Band12_3MHz_16QAM_HCH_714.5MHz_RB_1_0_NTNV



Band12_3MHz_16QAM_HCH_714.5MHz_RB_1_0_NTNV

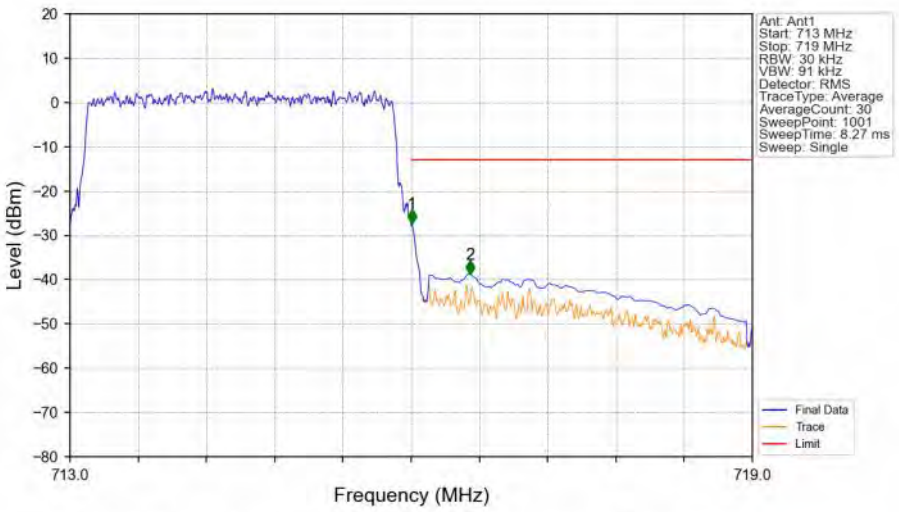


Band12_3MHz_16QAM_HCH_714.5MHz_RB_1_14_NTNV



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	716.012	-16.39	-13	Pass
716.1	719	0.1	CHP	2	716.102	-30.80	-13	Pass

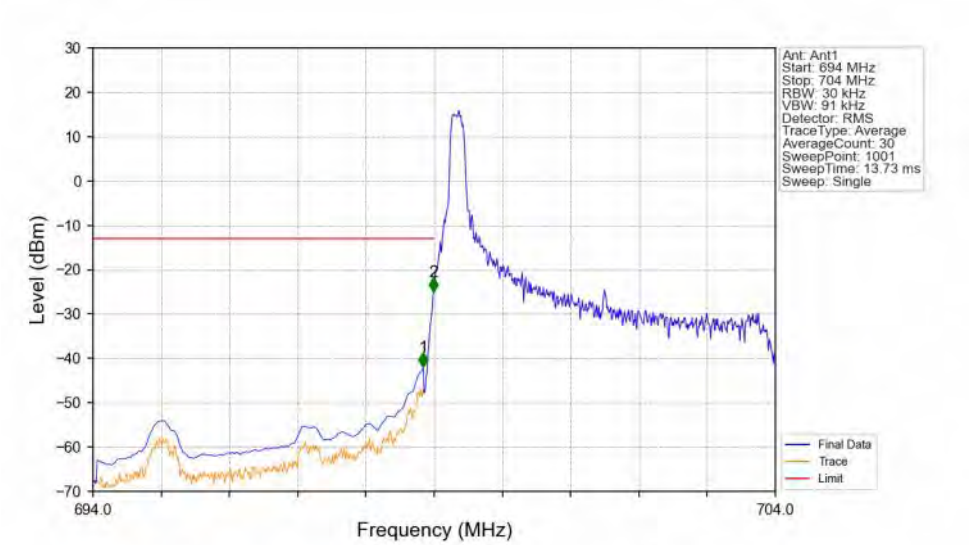
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.006	-27.27	-13	Pass
716.1	719	0.1	CHP	2	716.516	-38.75	-13	Pass

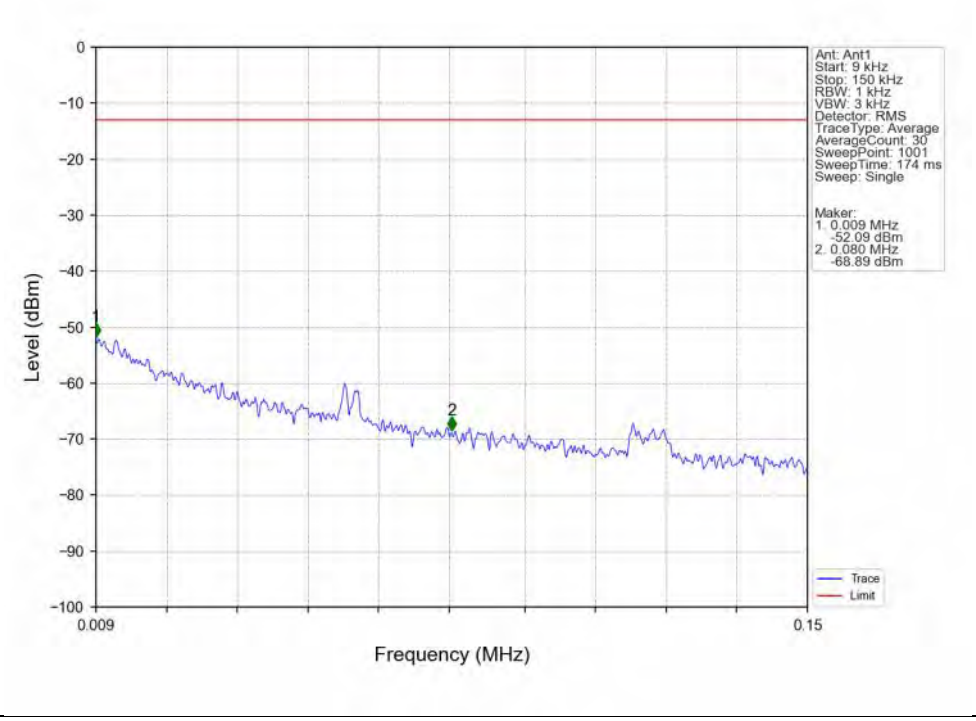
6.2.3 B12_5MHz

Band12_5MHz_QPSK_LCH_701.5MHz_RB_1_0_NTNV

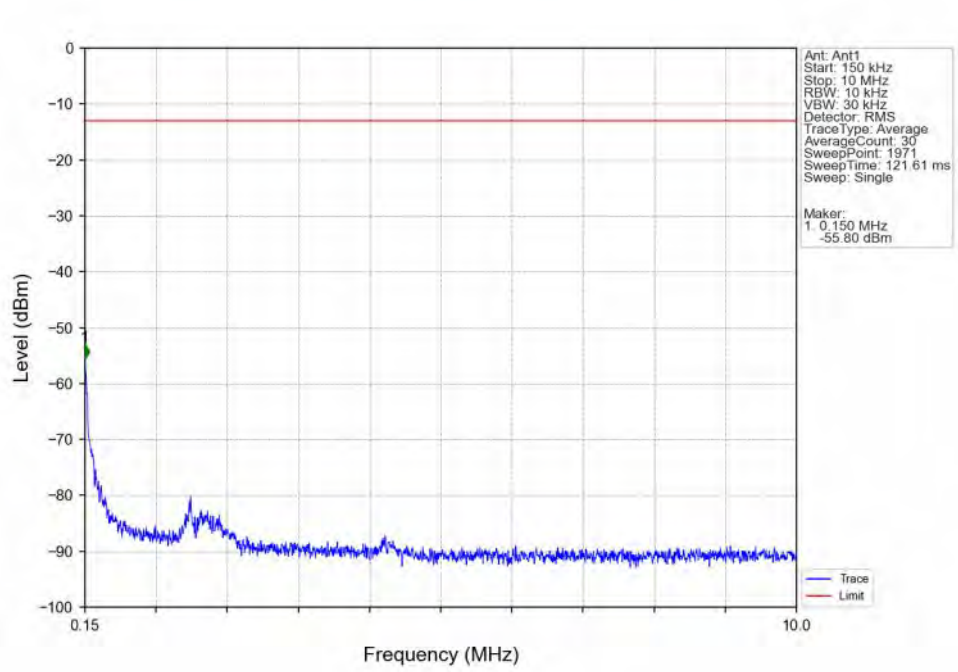


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-41.92	-13	Pass
698.9	699	0.03	/	2	698.990	-25.03	-13	Pass
699	704	0.03	/	/	/	/	/	/

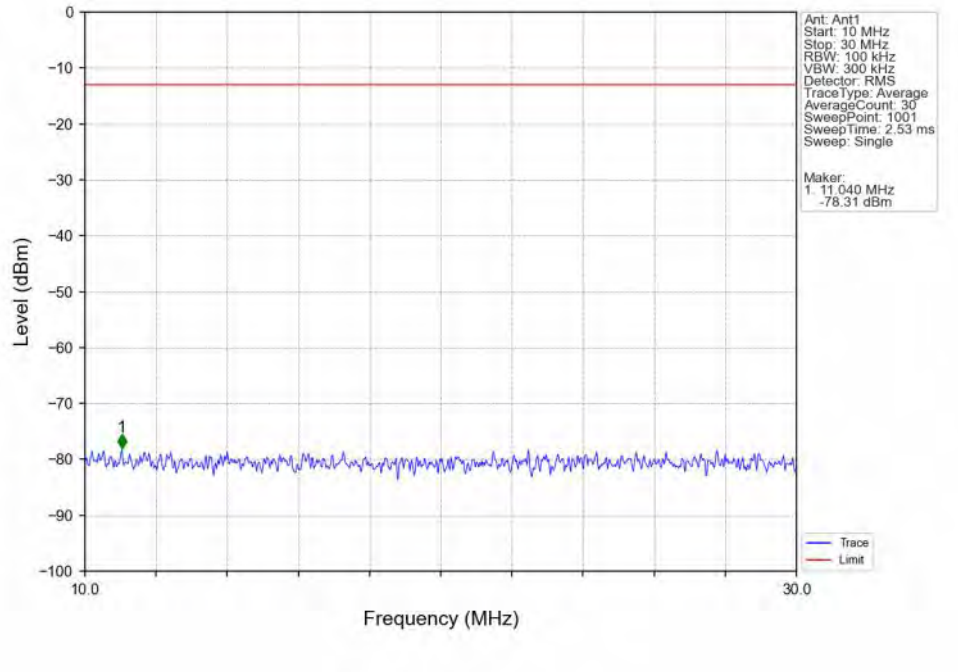
Band12_5MHz_QPSK_LCH_701.5MHz_RB_1_0_NTNV



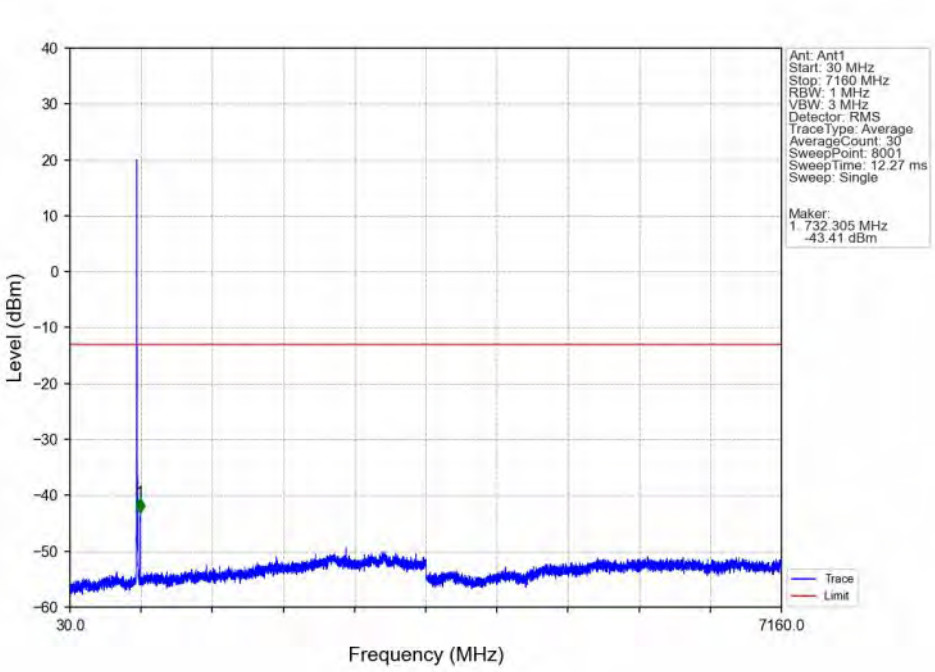
Band12_5MHz_QPSK_LCH_701.5MHz_RB_1_0_NTNV



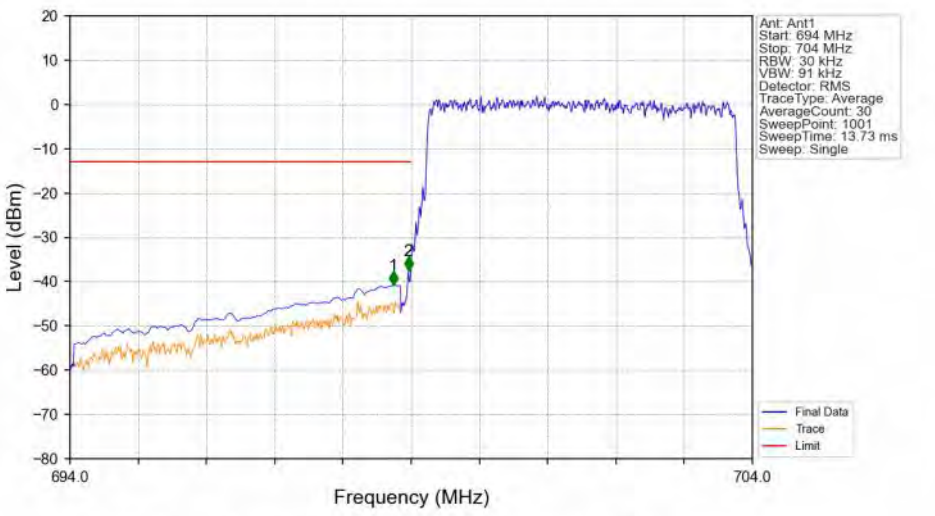
Band12_5MHz_QPSK_LCH_701.5MHz_RB_1_0_NTNV



Band12_5MHz_QPSK_LCH_701.5MHz_RB_1_0_NTNV

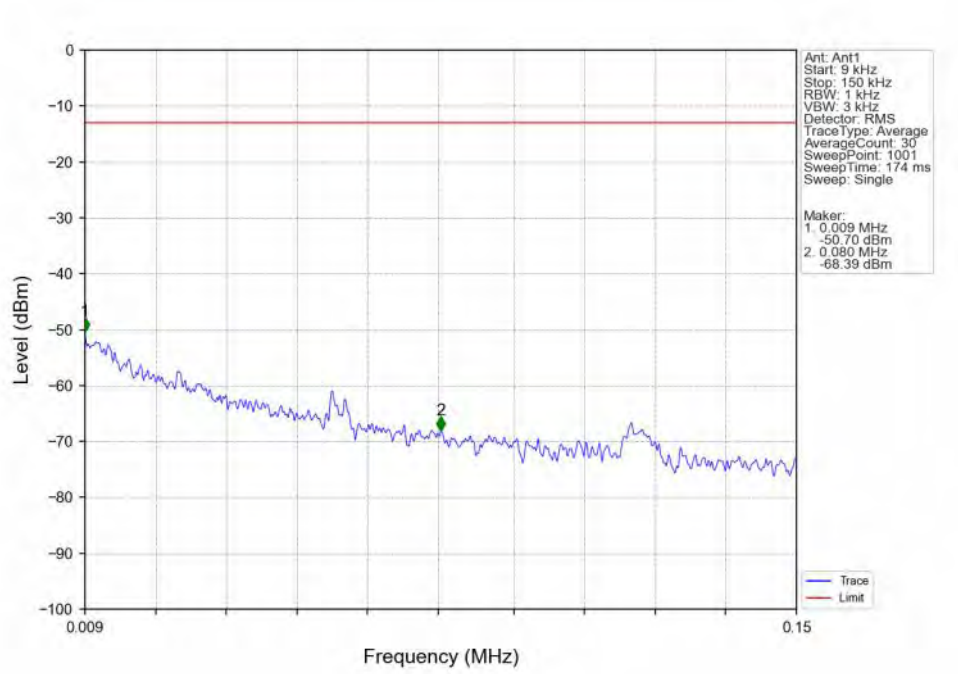


Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV

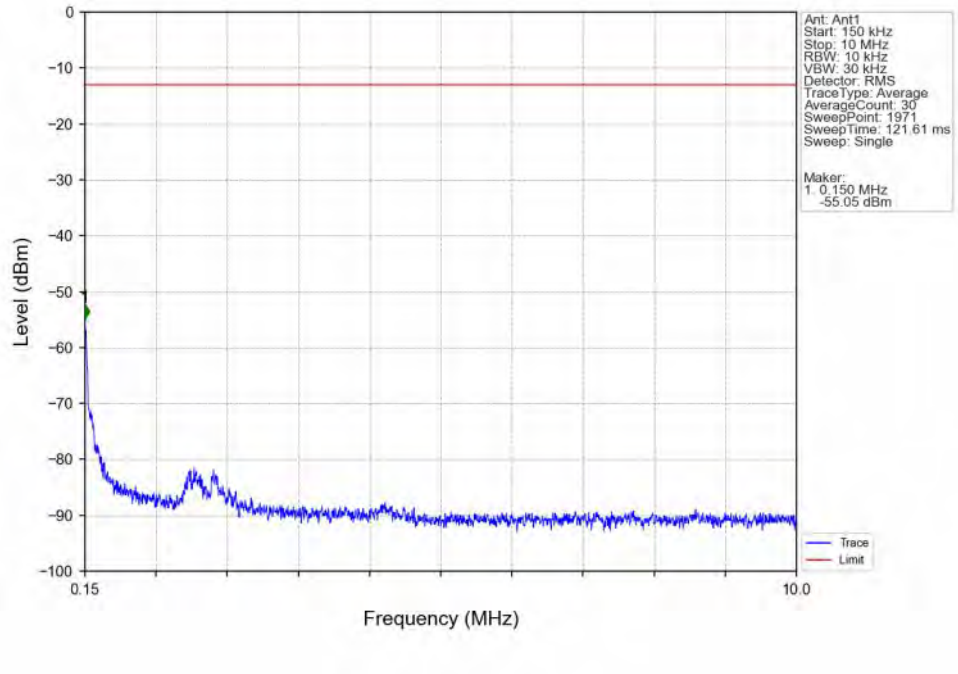


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.740	-40.84	-13	Pass
698.9	699	0.03	/	2	698.960	-37.42	-13	Pass
699	704	0.03	/	/	/	/	/	/

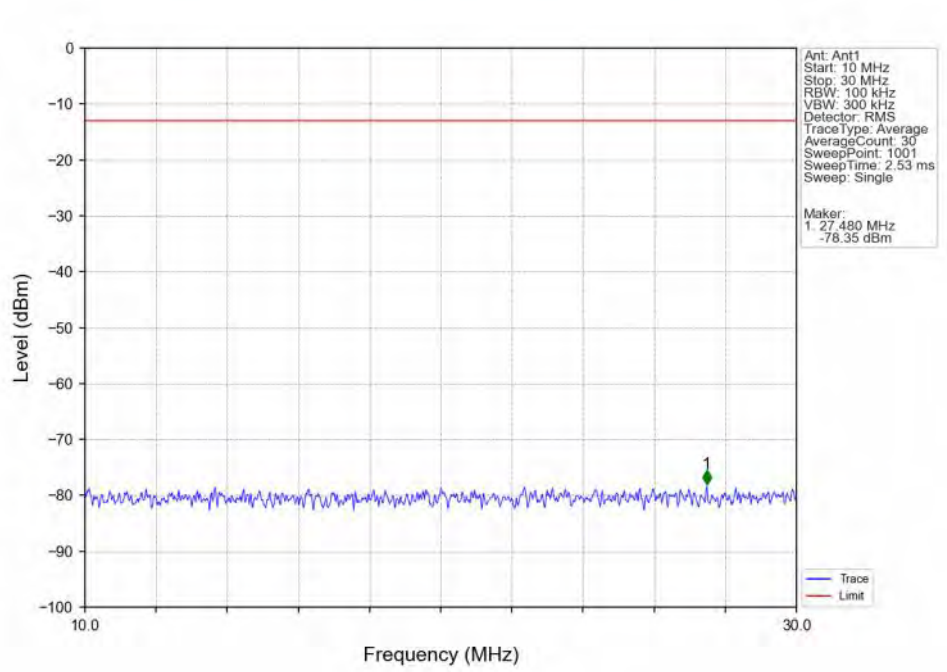
Band12_5MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



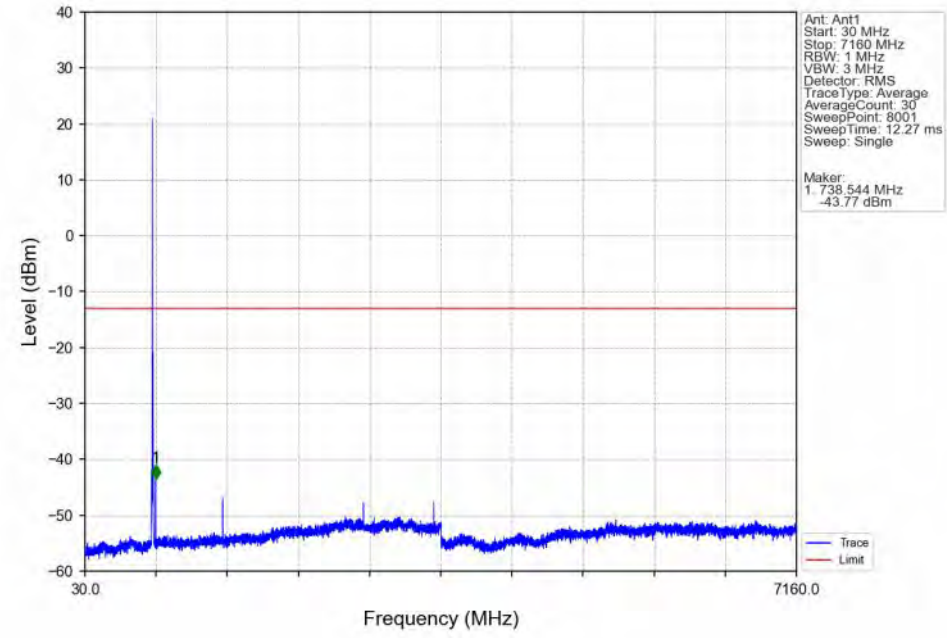
Band12_5MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV

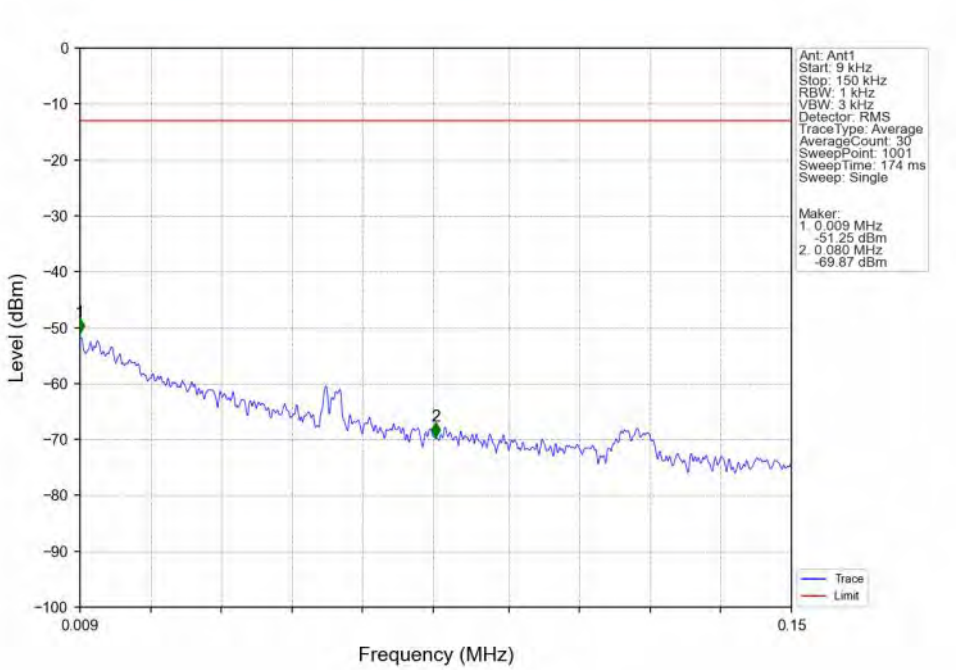
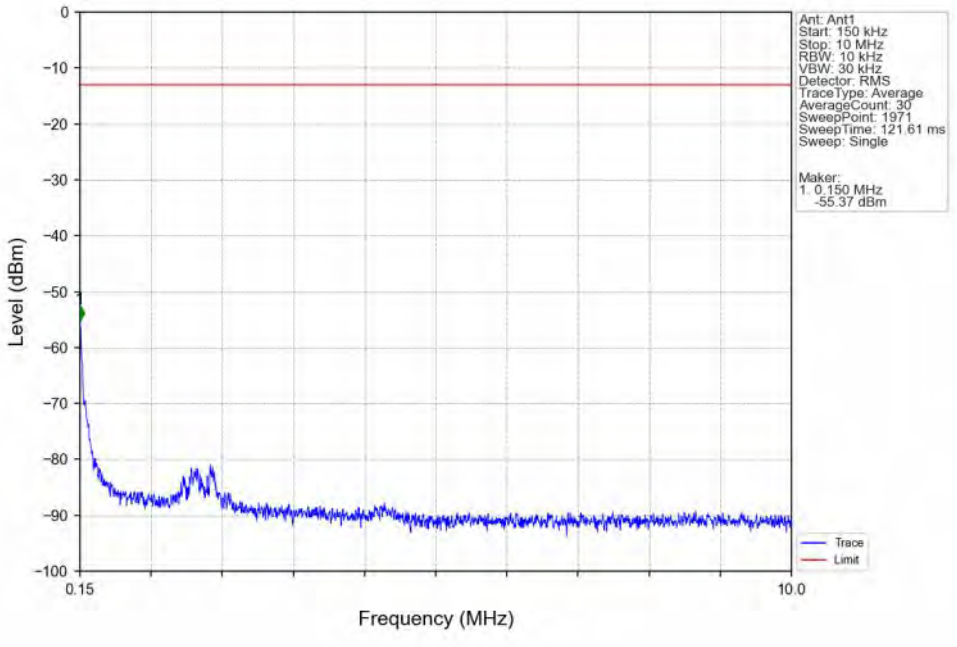


Band12_5MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV

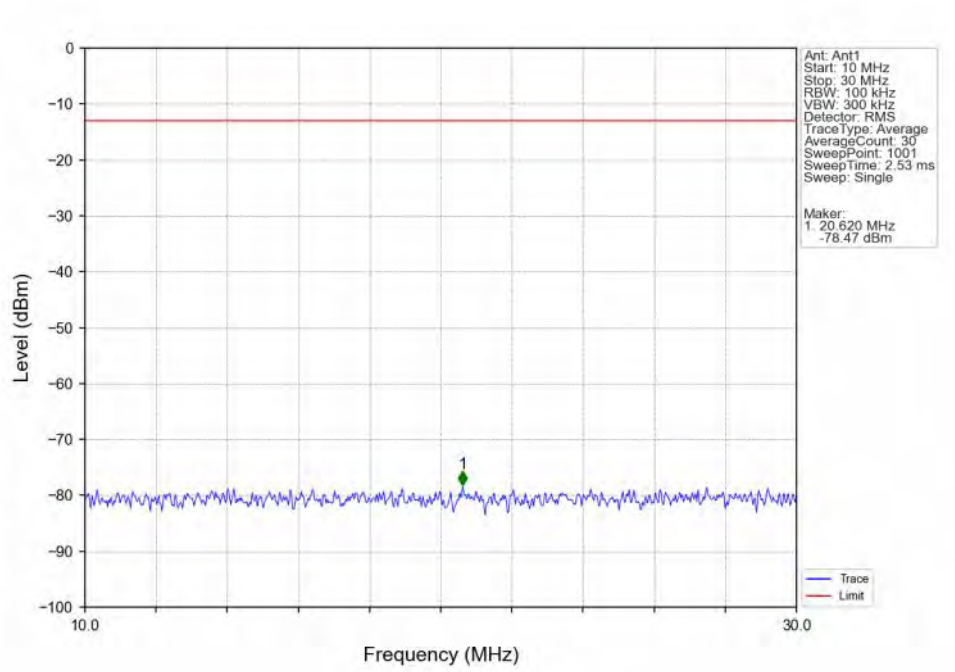


Band12_5MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV

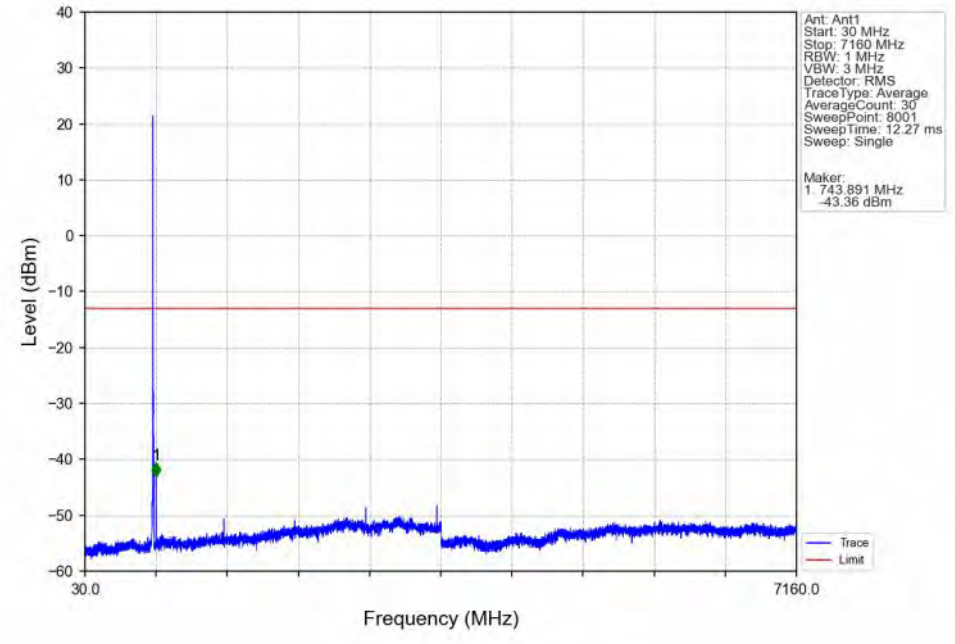


Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV

Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV


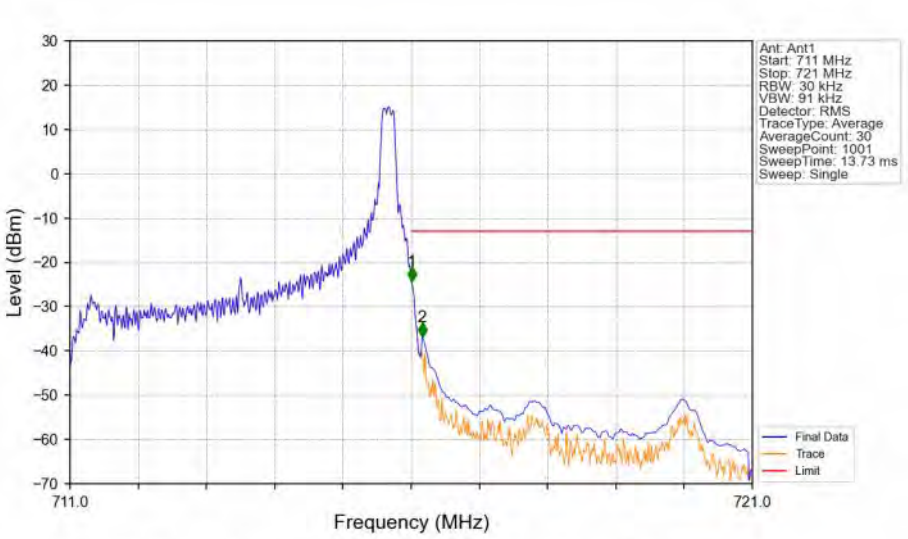
Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV



Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV

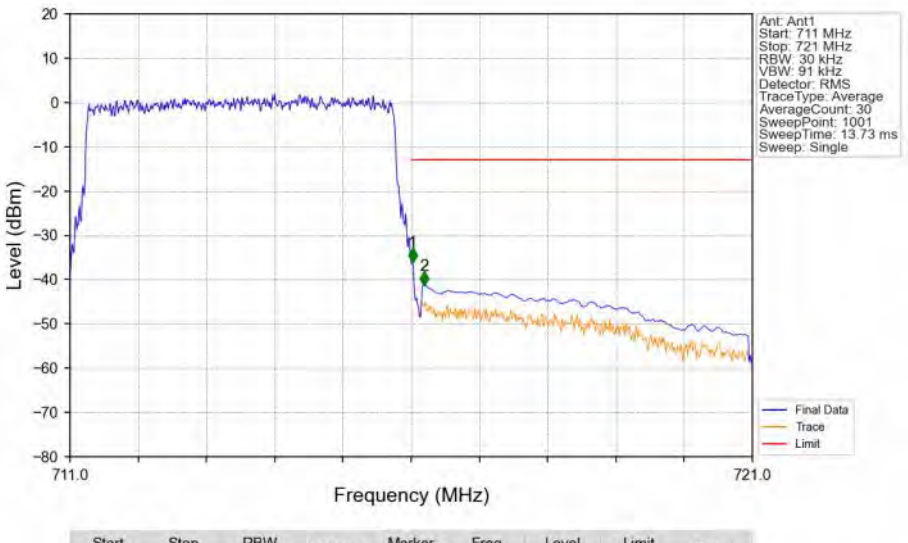


Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV



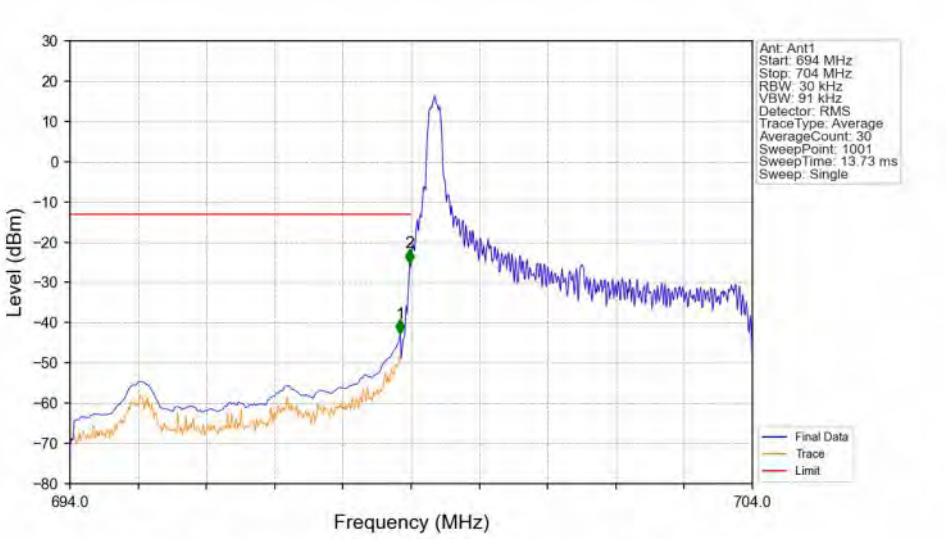
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-24.22	-13	Pass
716.1	721	0.1	CHP	2	716.160	-36.72	-13	Pass

Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



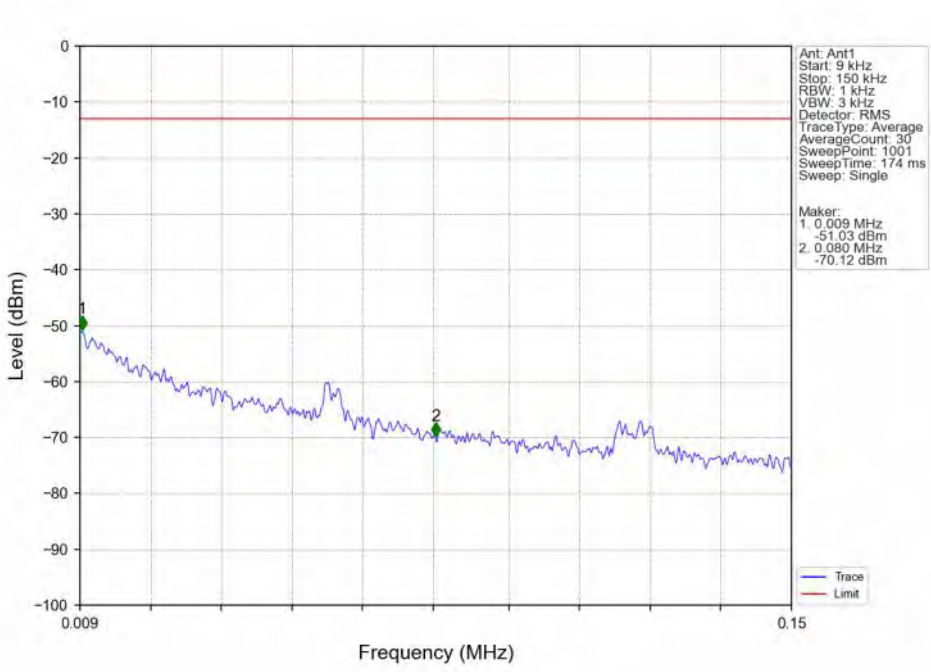
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.020	-35.96	-13	Pass
716.1	721	0.1	CHP	2	716.190	-41.34	-13	Pass

Band12_5MHz_16QAM_LCH_701.5MHz_RB_1_0_NTNV

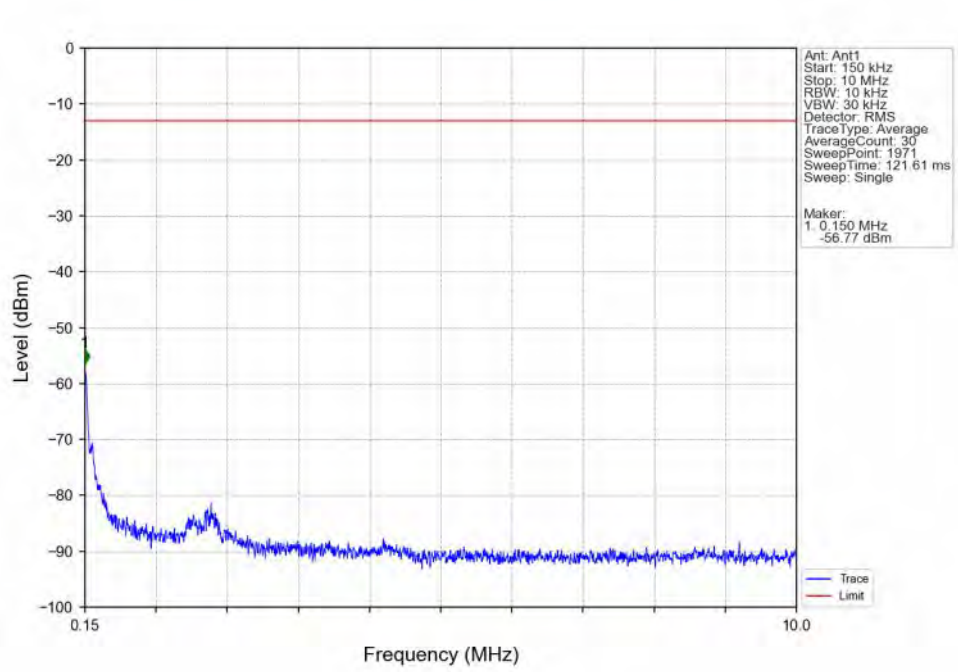


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-42.70	-13	Pass
698.9	699	0.03	/	2	698.980	-25.14	-13	Pass
699	704	0.03	/	/	/	/	/	/

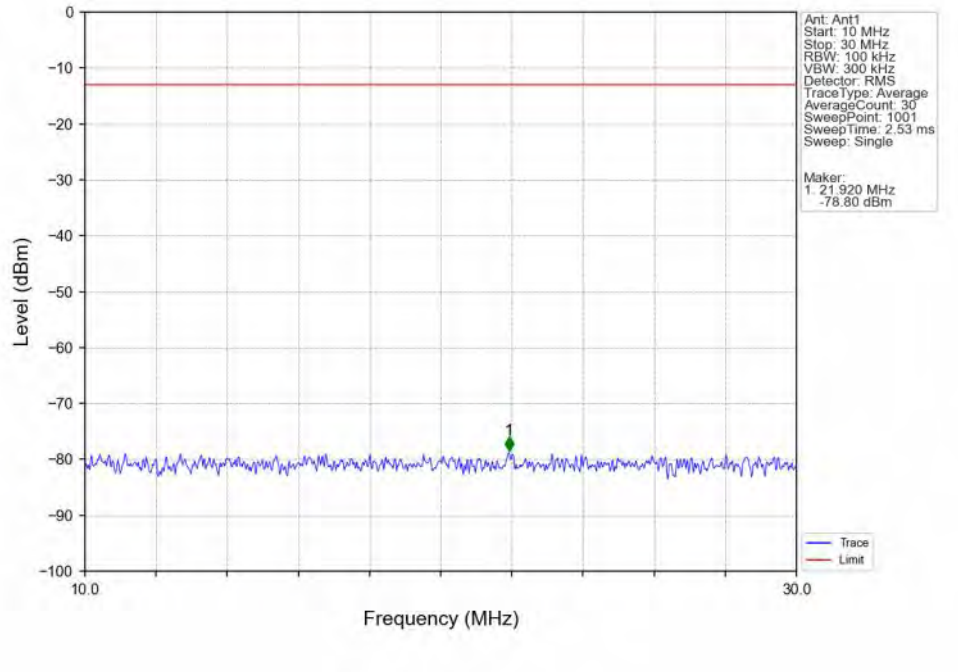
Band12_5MHz_16QAM_LCH_701.5MHz_RB_1_0_NTNV



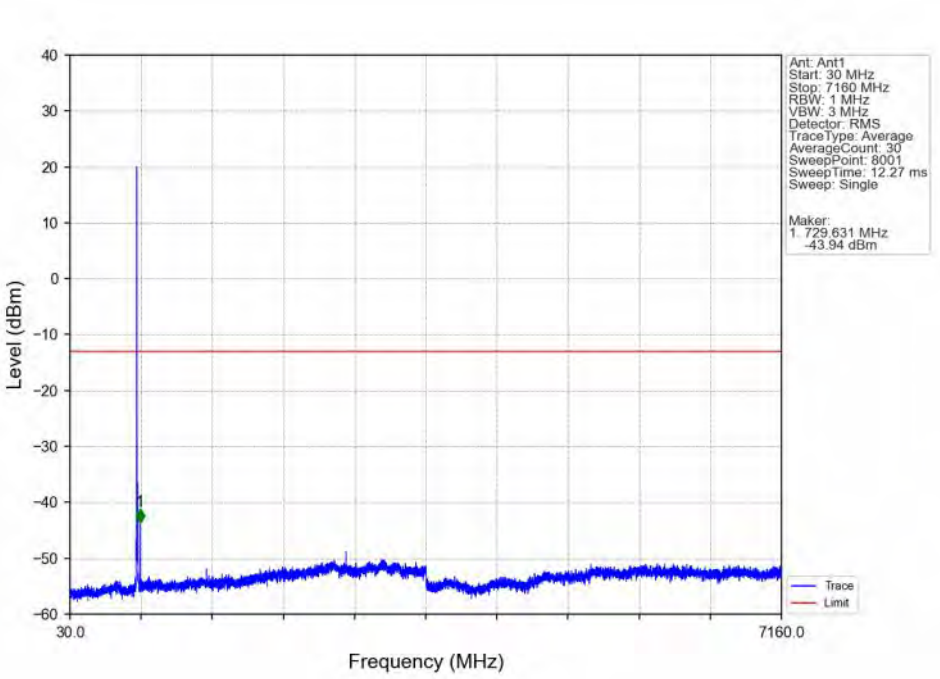
Band12_5MHz_16QAM_LCH_701.5MHz_RB_1_0_NTNV



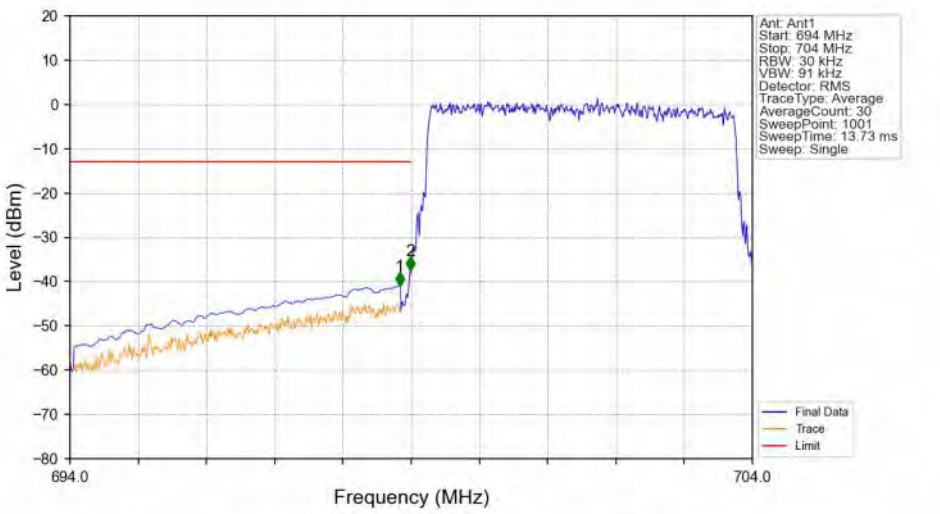
Band12_5MHz_16QAM_LCH_701.5MHz_RB_1_0_NTNV



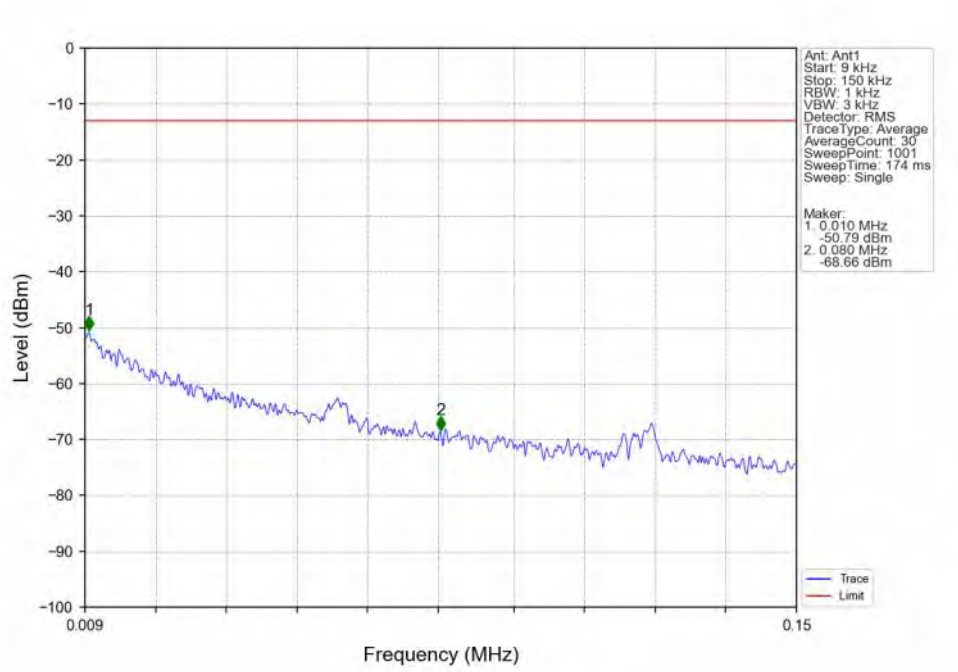
Band12_5MHz_16QAM_LCH_701.5MHz_RB_1_0_NTNV

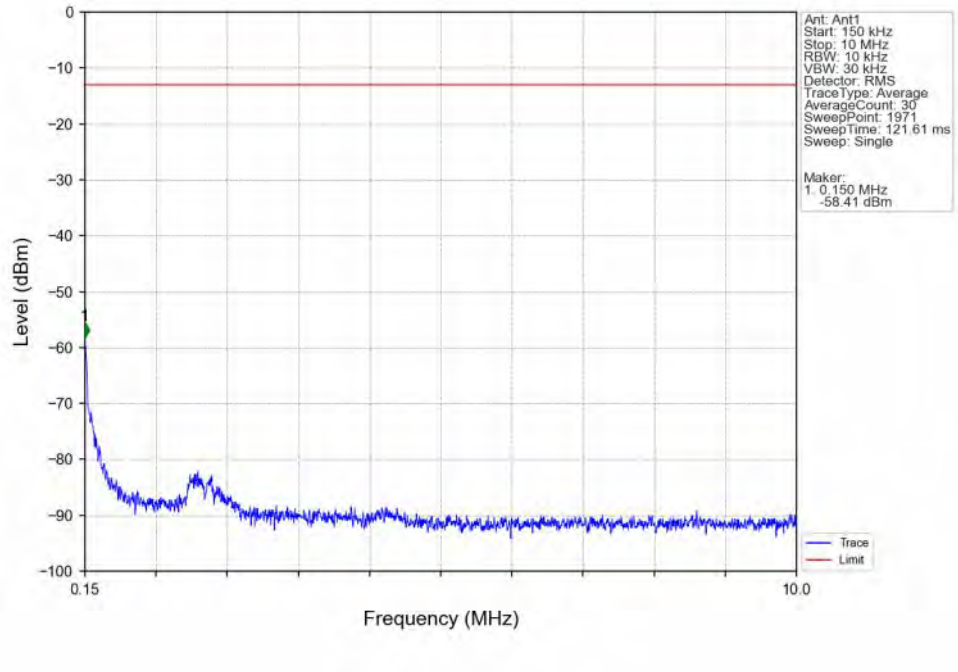


Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV

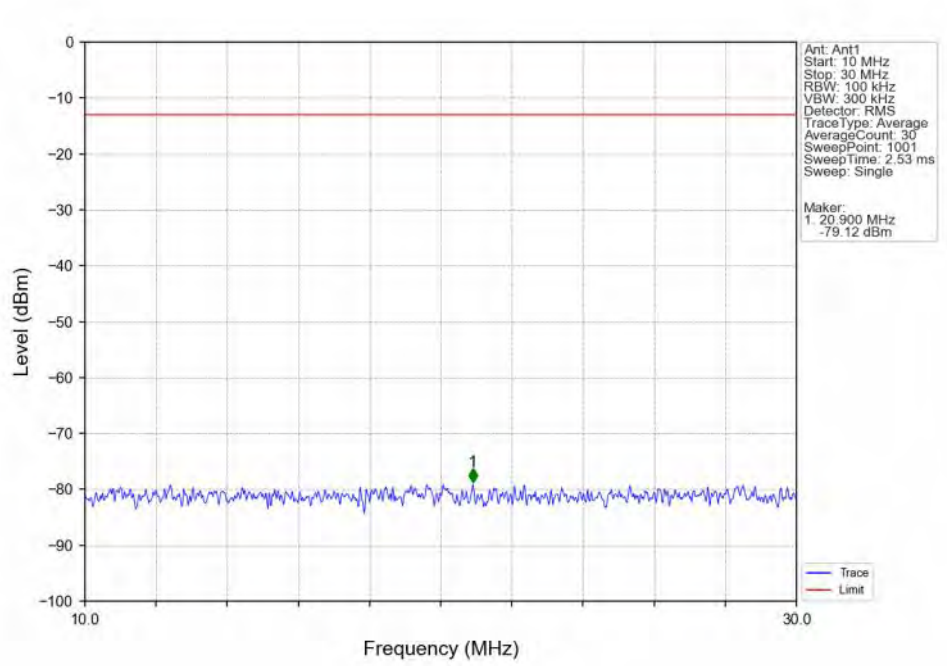


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.830	-40.88	-13	Pass
698.9	699	0.03	/	2	698.990	-37.58	-13	Pass
699	704	0.03	/	/	/	/	/	/

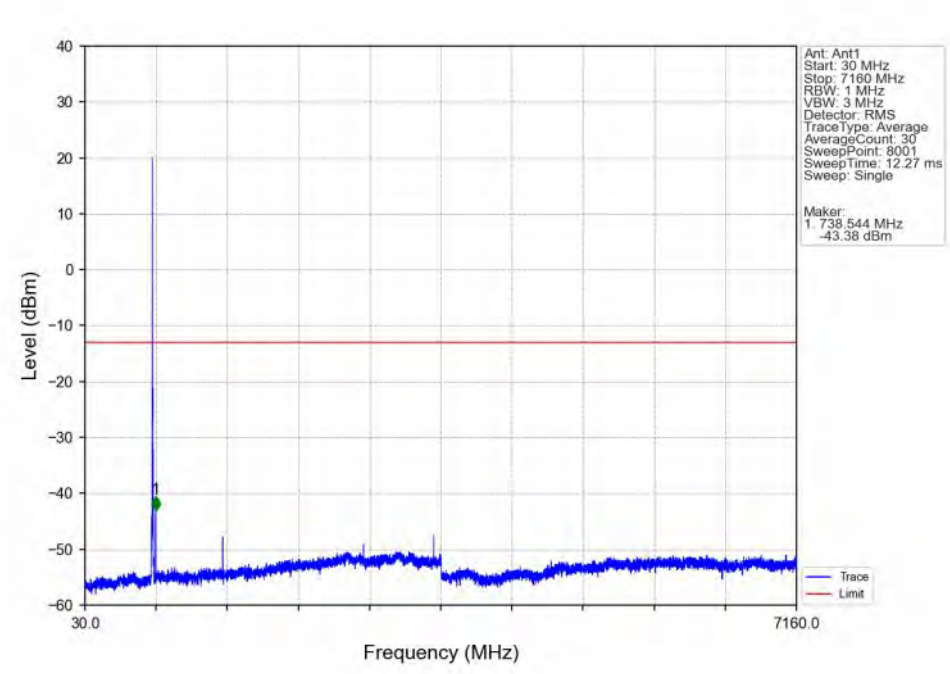
Band12_5MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV


Band12_5MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV


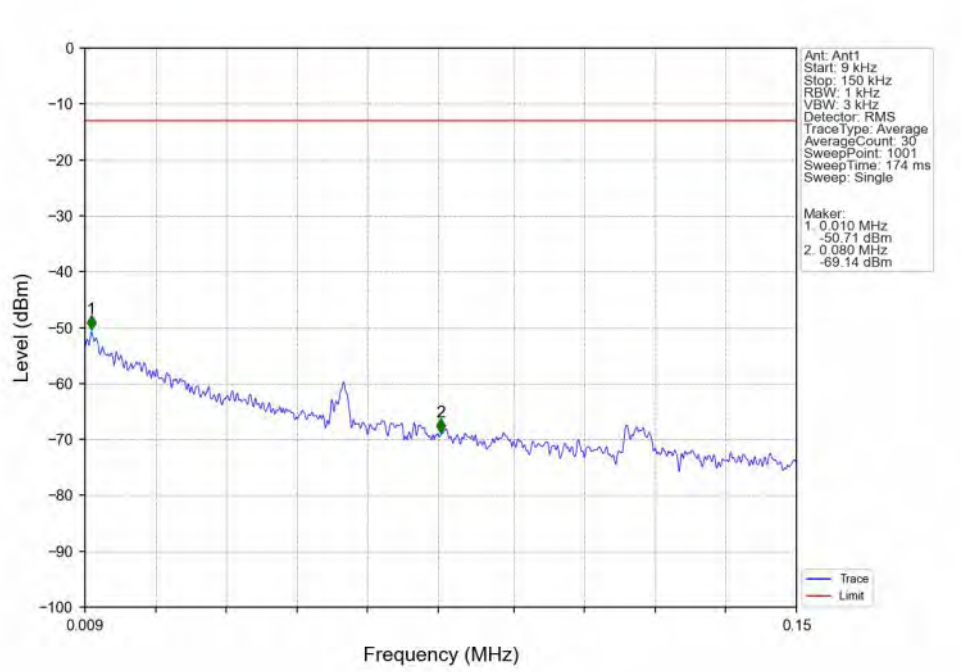
Band12_5MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



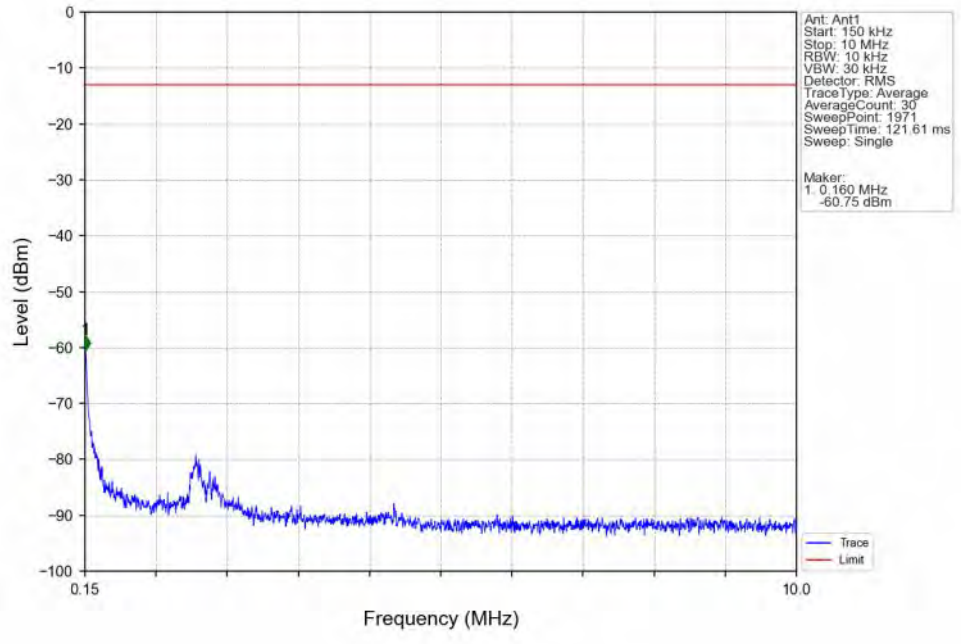
Band12_5MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV

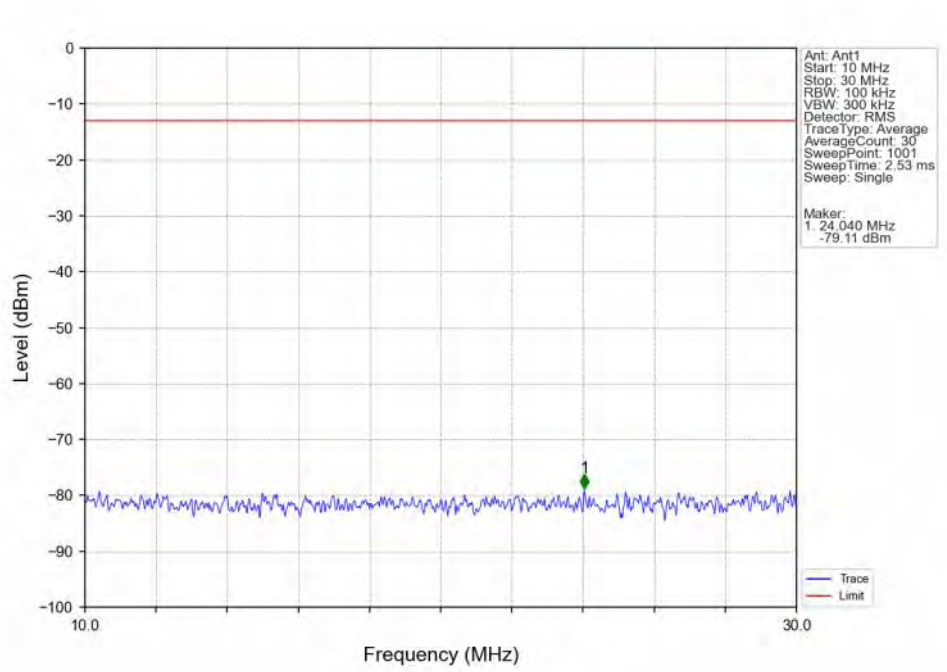
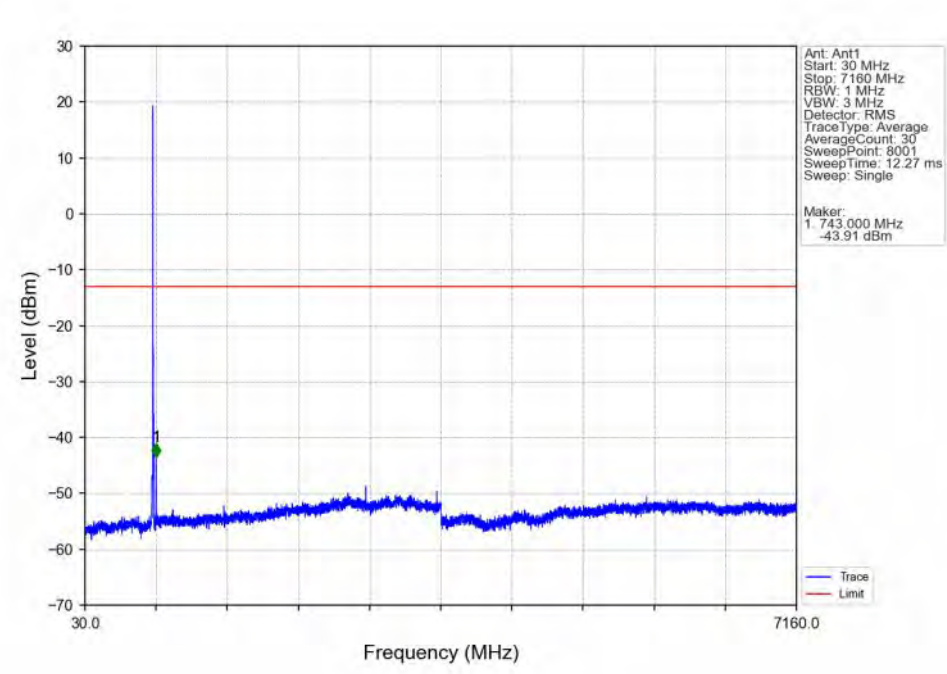


Band12_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV

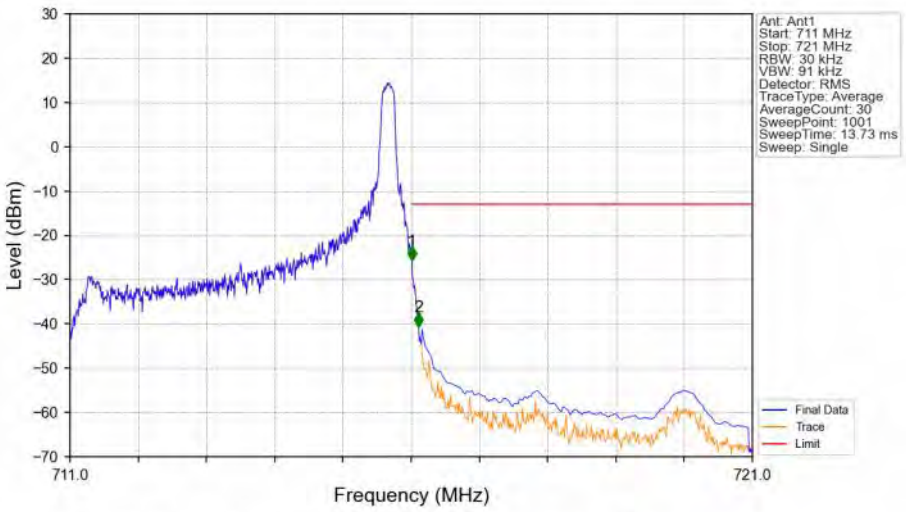


Band12_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



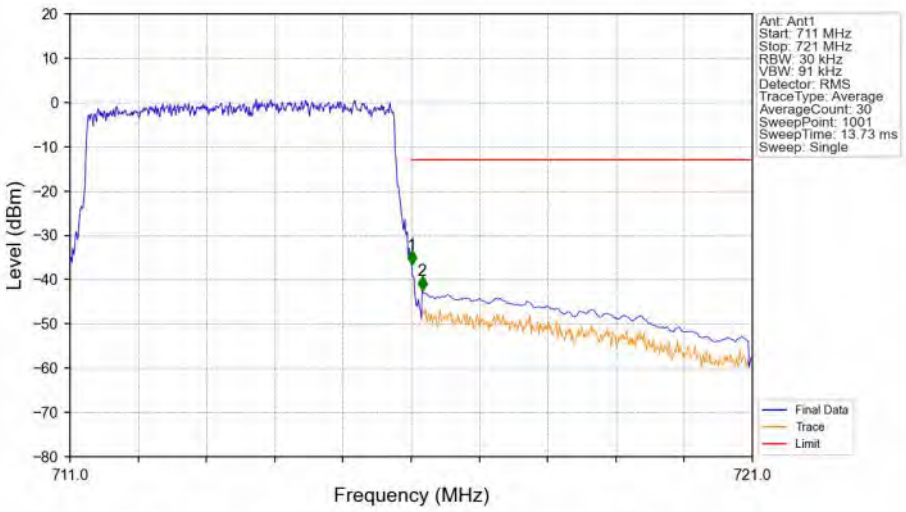
Band12_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV

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	-25.73	-13	Pass
716.1	721	0.1	CHP	2	716.110	-40.64	-13	Pass

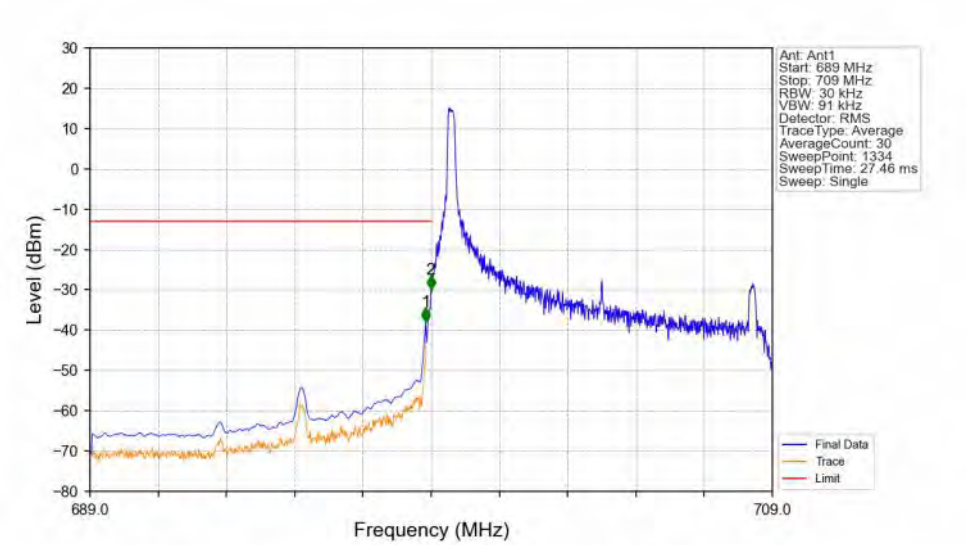
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



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	716.010	-36.54	-13	Pass
716.1	721	0.1	CHP	2	716.160	-42.43	-13	Pass

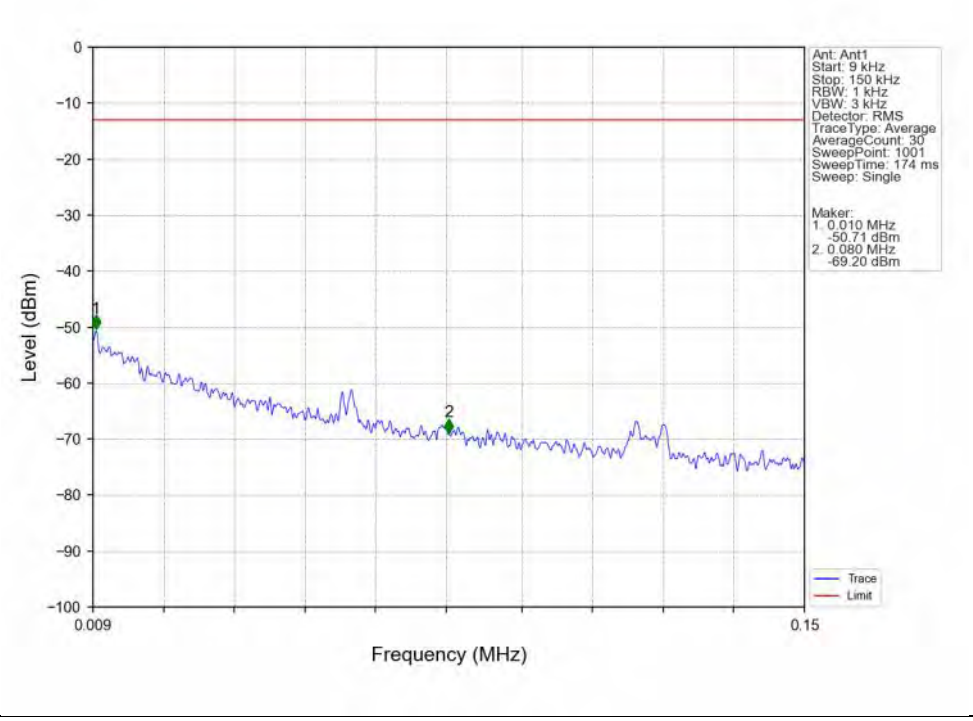
6.2.4 B12_10MHz

Band12_10MHz_QPSK_LCH_704MHz_RB_1_0_NTNV

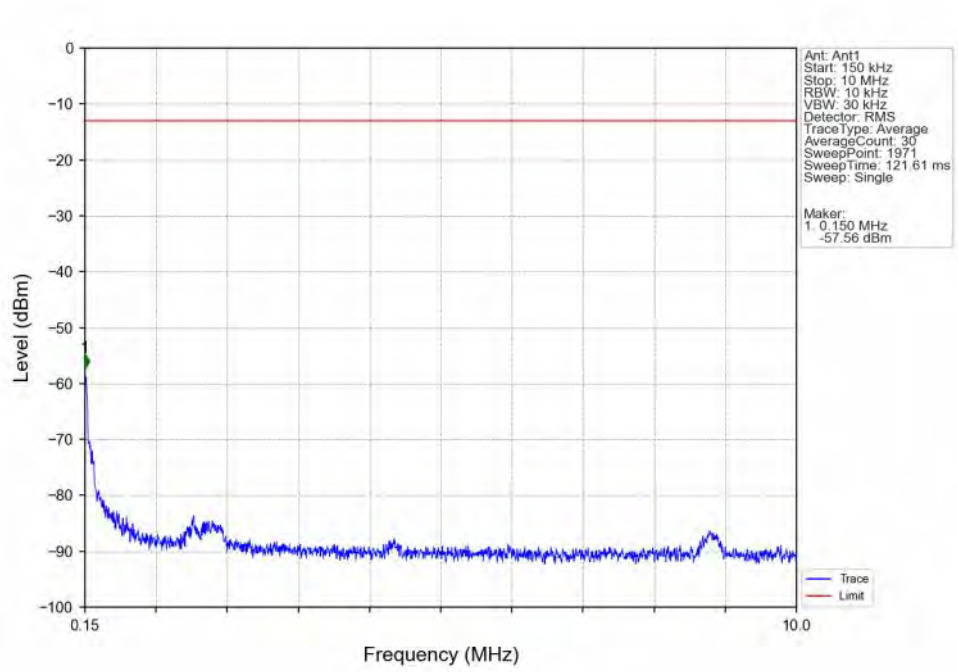


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-37.77	-13	Pass
698.9	699	0.03	/	2	698.992	-29.87	-13	Pass
699	709	0.03	/	/	/	/	/	/

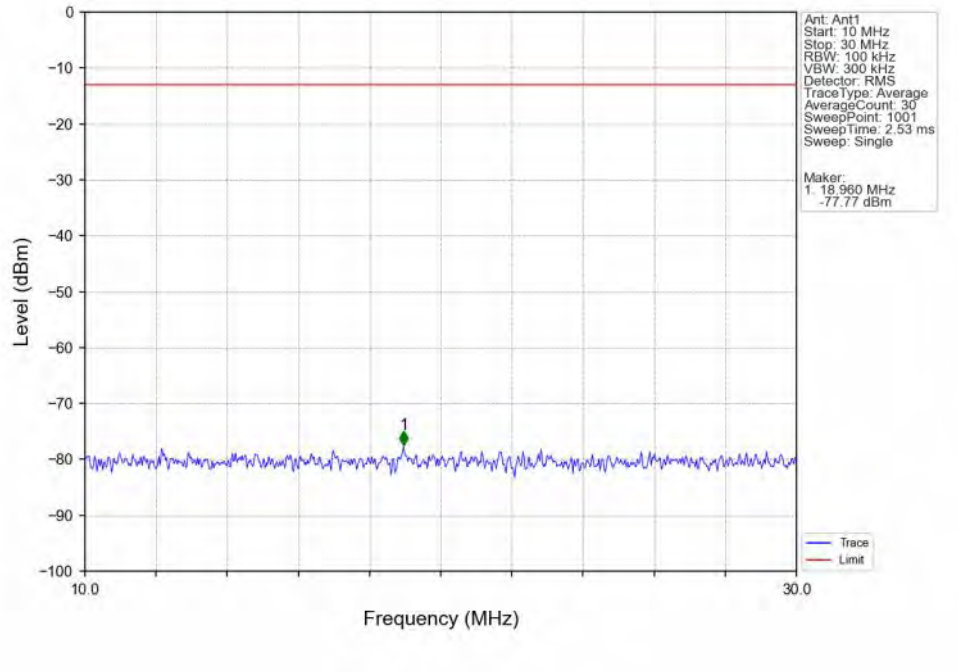
Band12_10MHz_QPSK_LCH_704MHz_RB_1_0_NTNV



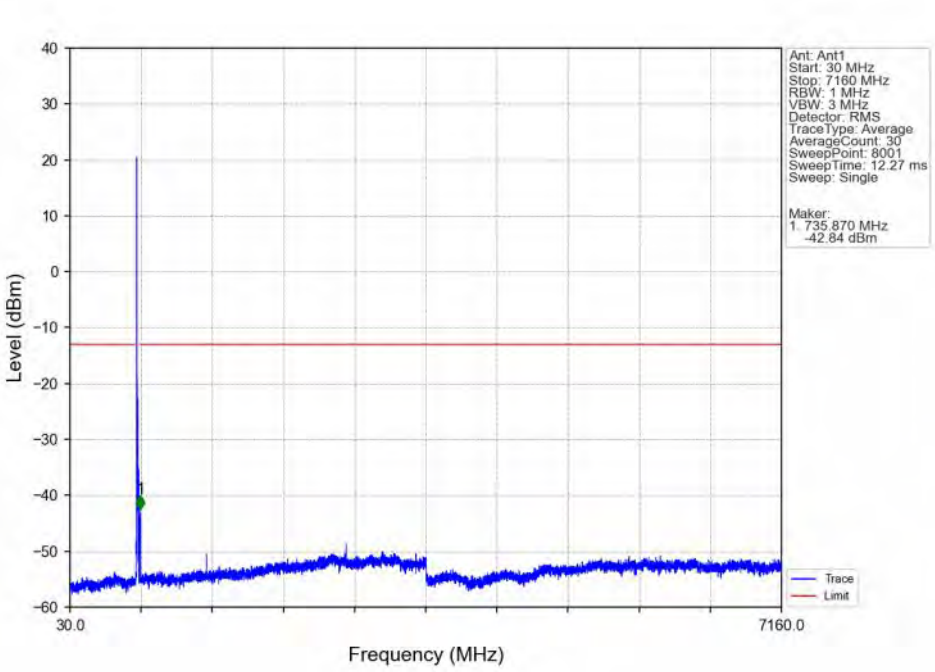
Band12_10MHz_QPSK_LCH_704MHz_RB_1_0_NTNV



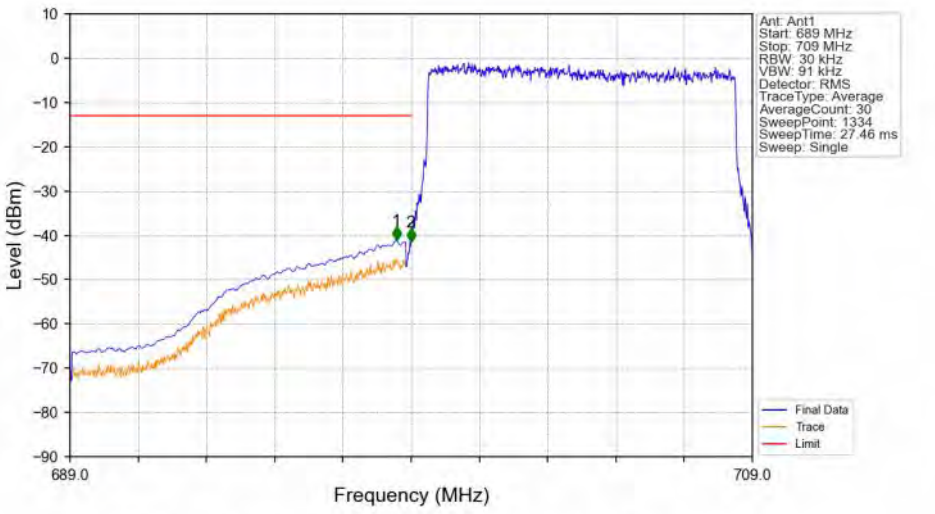
Band12_10MHz_QPSK_LCH_704MHz_RB_1_0_NTNV



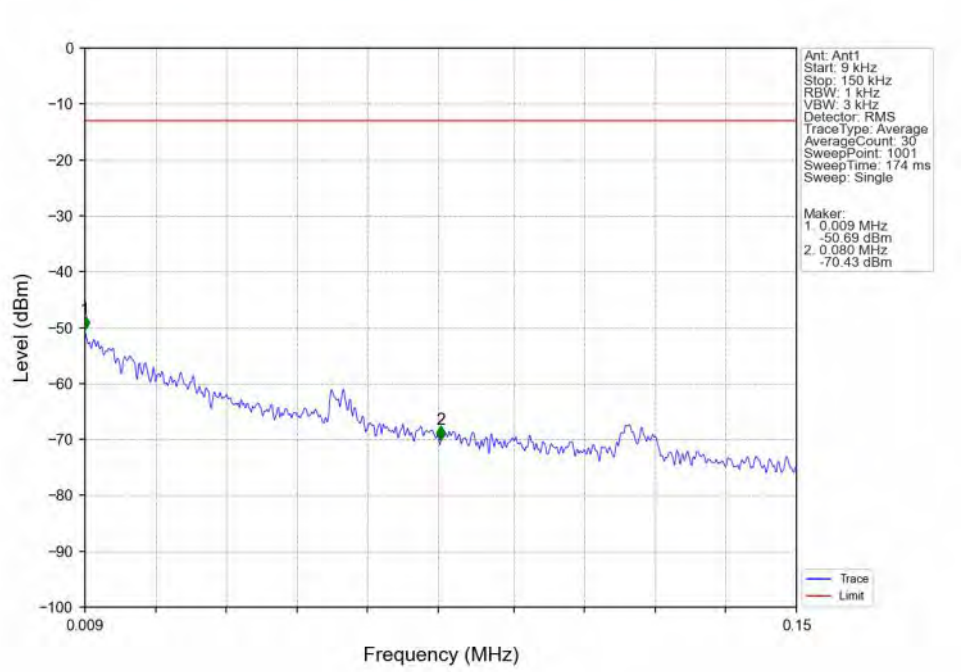
Band12_10MHz_QPSK_LCH_704MHz_RB_1_0_NTNV

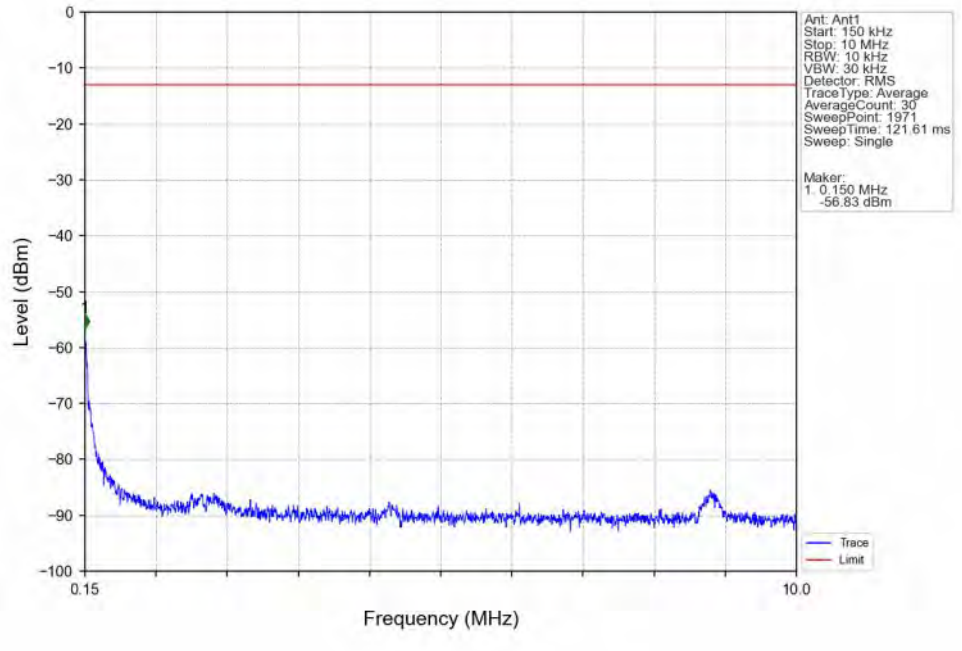


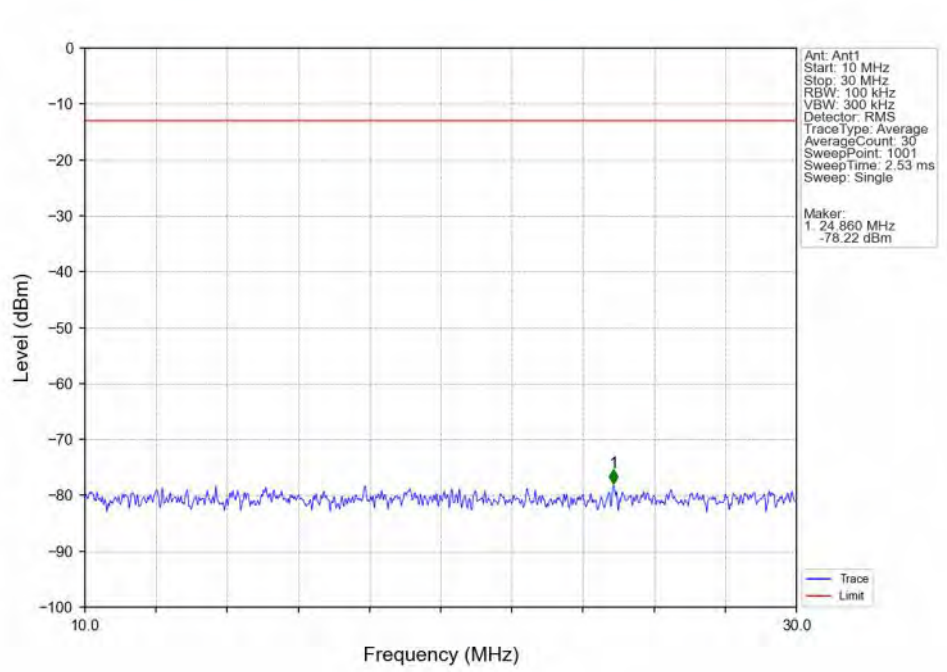
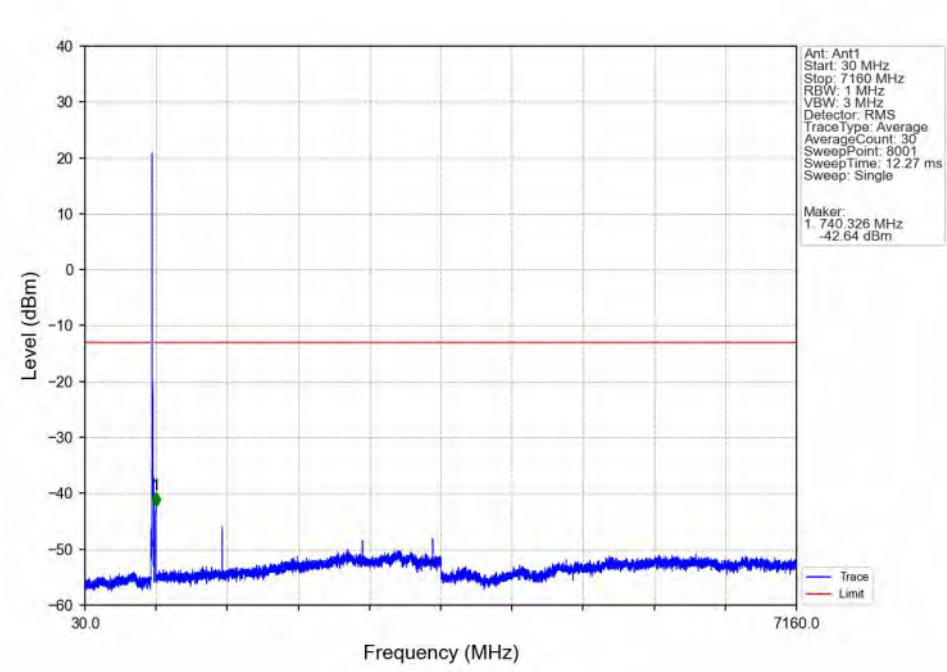
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



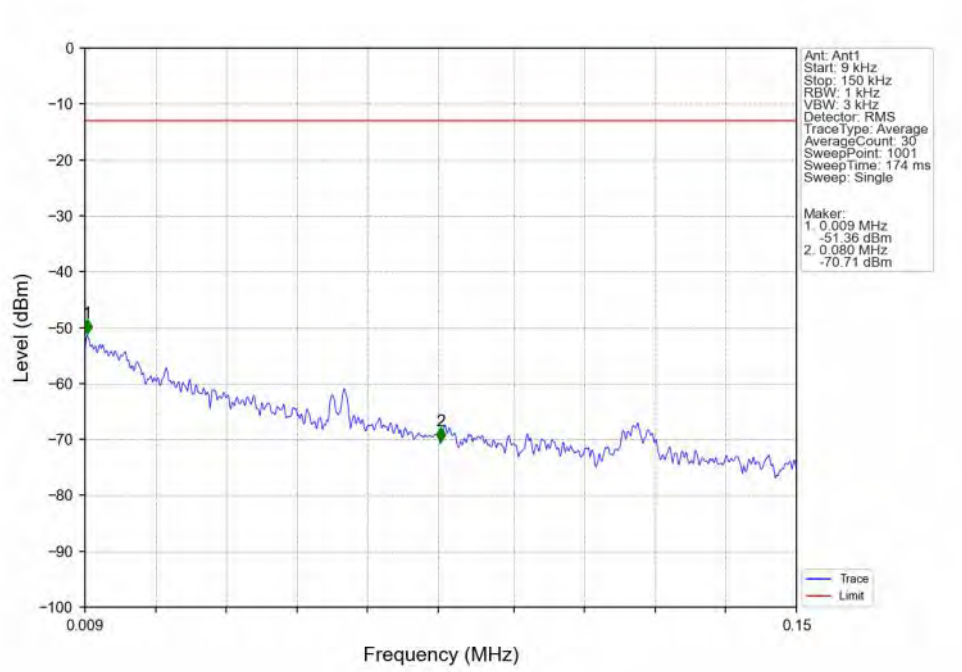
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.572	-41.19	-13	Pass
698.9	699	0.03	/	2	698.992	-41.56	-13	Pass
699	709	0.03	/	/	/	/	/	/

Band12_10MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV


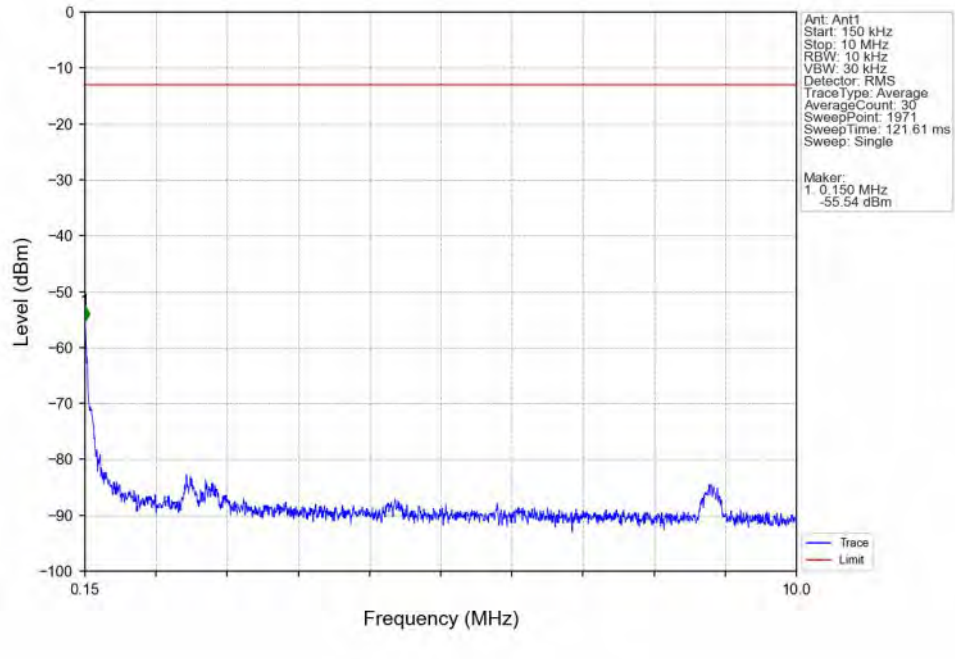
Band12_10MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV


Band12_10MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV

Band12_10MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV


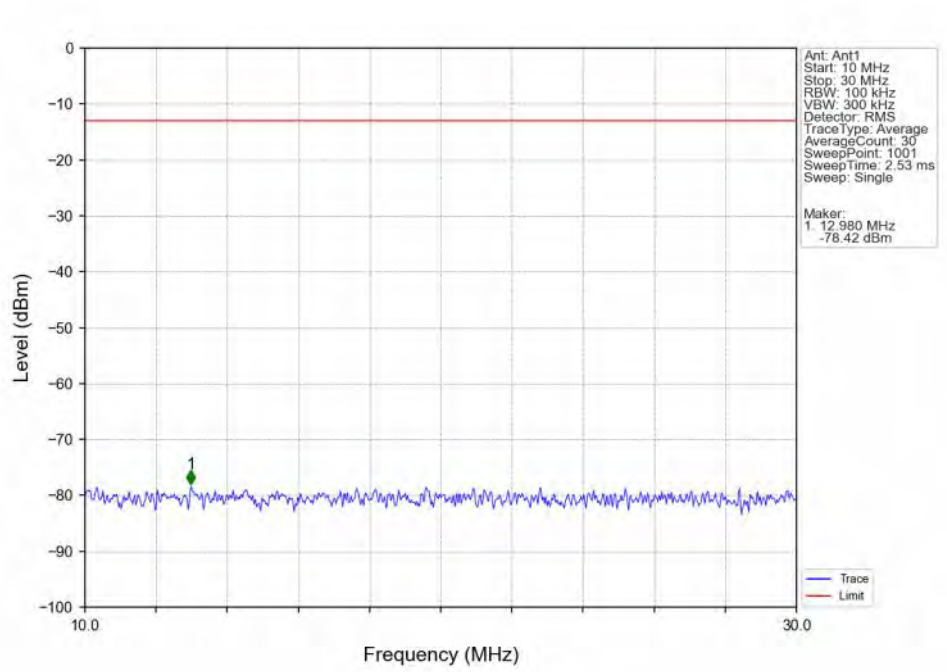
Band12_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



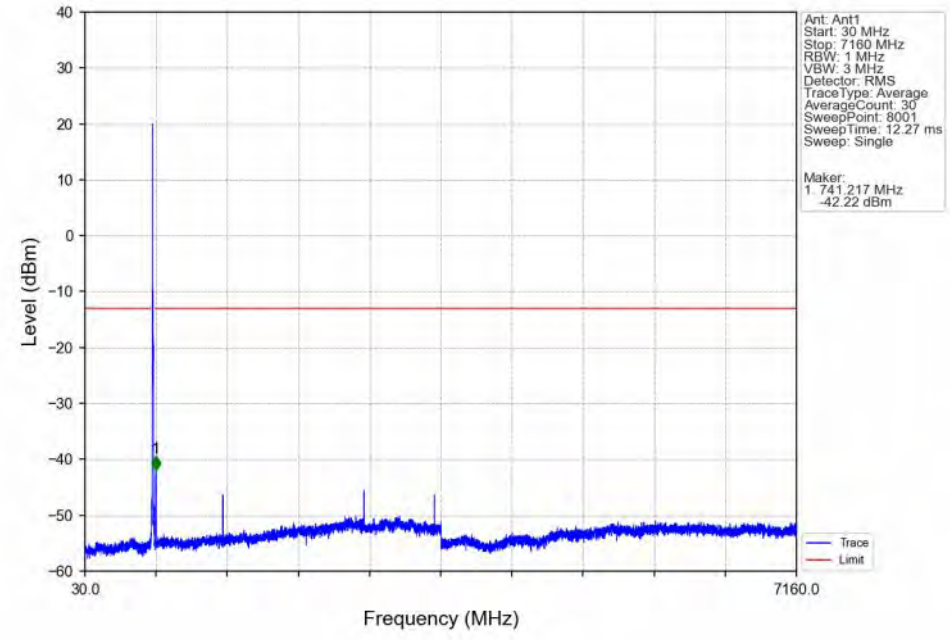
Band12_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



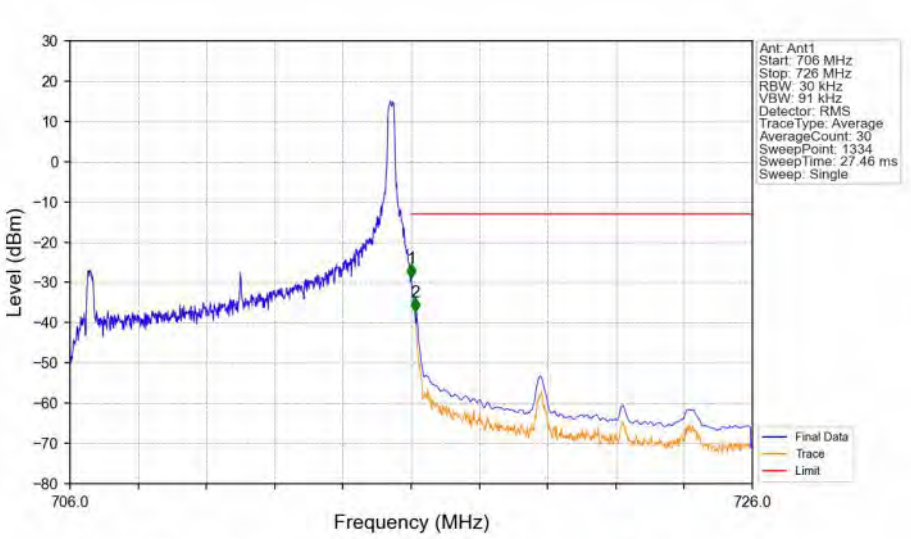
Band12_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



Band12_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV

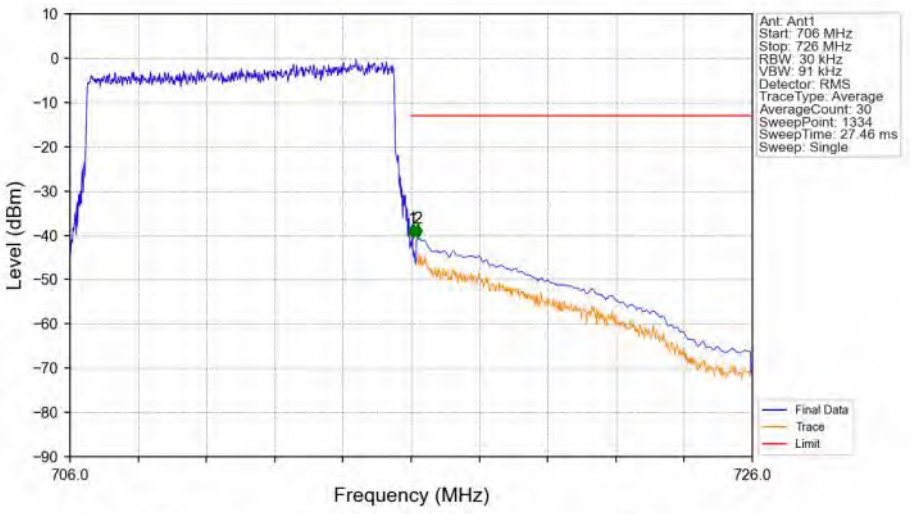


Band12_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV



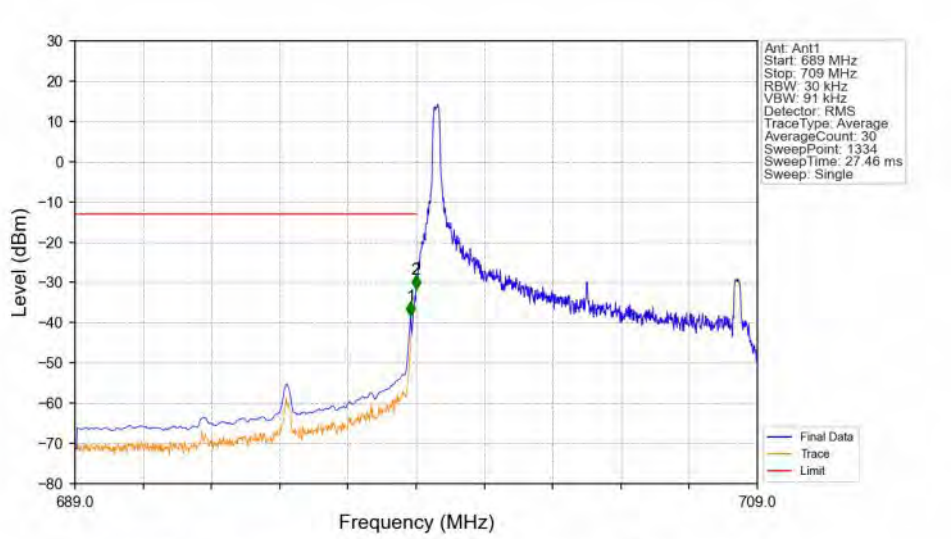
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-28.87	-13	Pass
716.1	726	0.1	CHP	2	716.113	-37.24	-13	Pass

Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



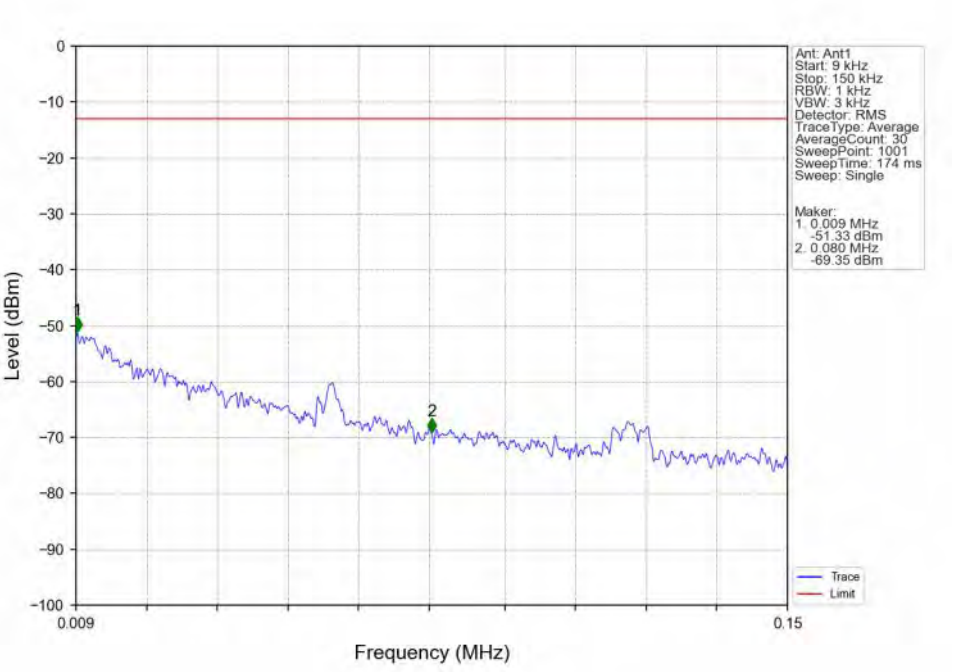
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.038	-40.56	-13	Pass
716.1	726	0.1	CHP	2	716.188	-40.65	-13	Pass

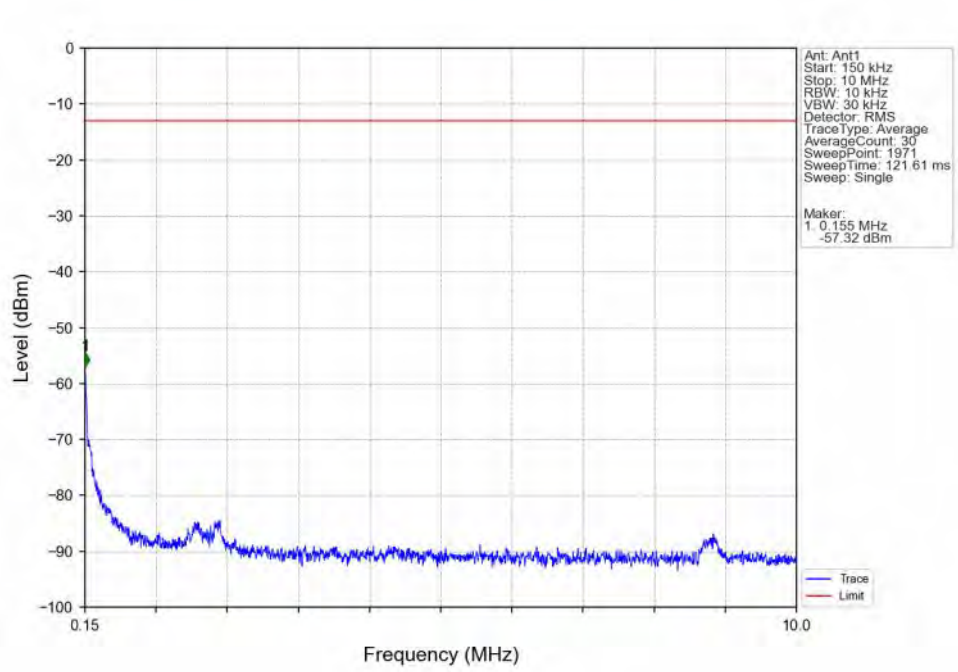
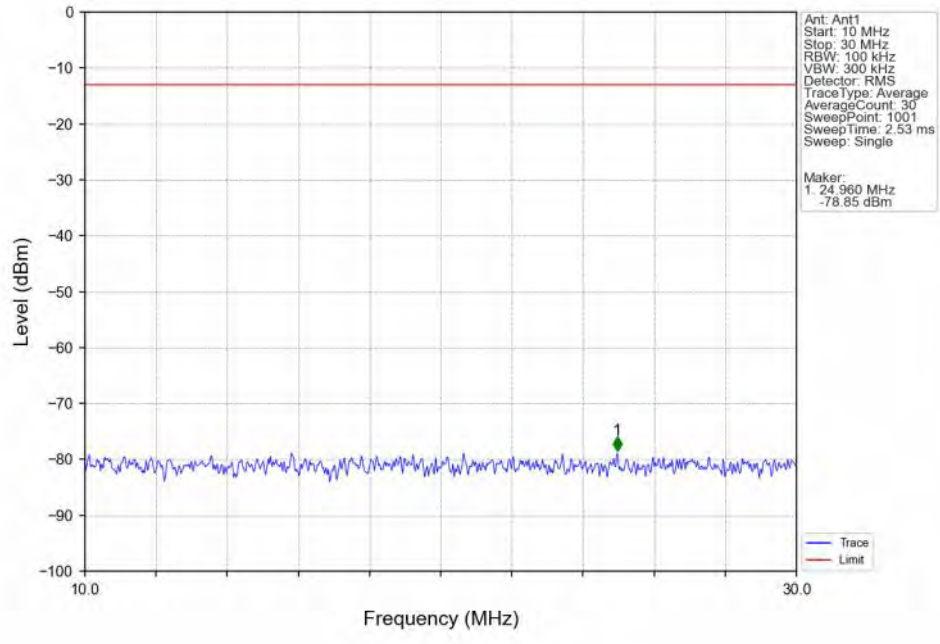
Band12_10MHz_16QAM_LCH_704MHz_RB_1_0_NTNV



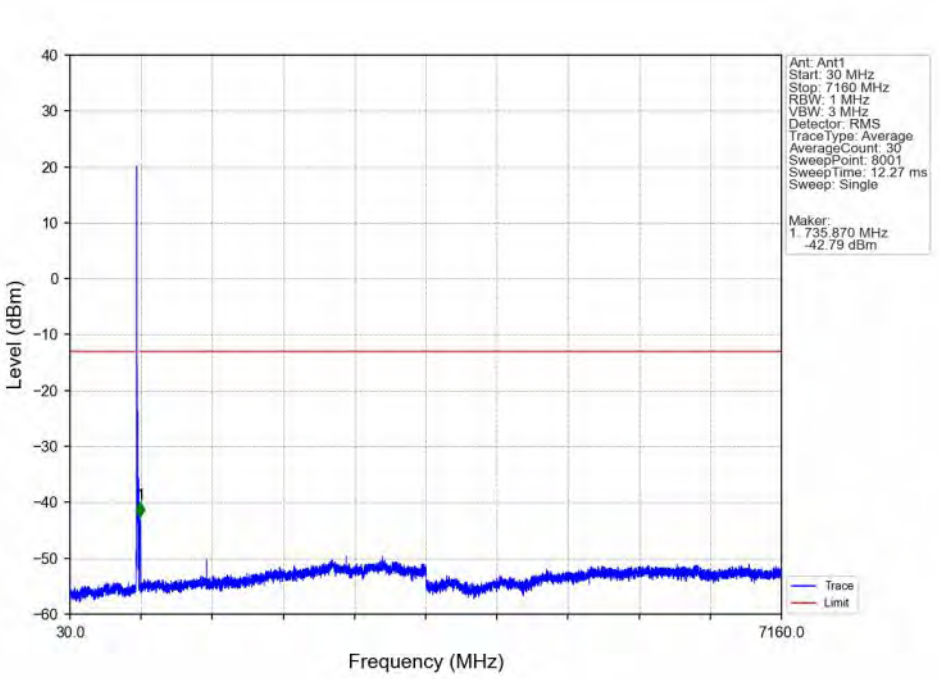
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-38.21	-13	Pass
698.9	699	0.03	/	2	698.992	-31.73	-13	Pass
699	709	0.03	/	/	/	/	/	/

Band12_10MHz_16QAM_LCH_704MHz_RB_1_0_NTNV

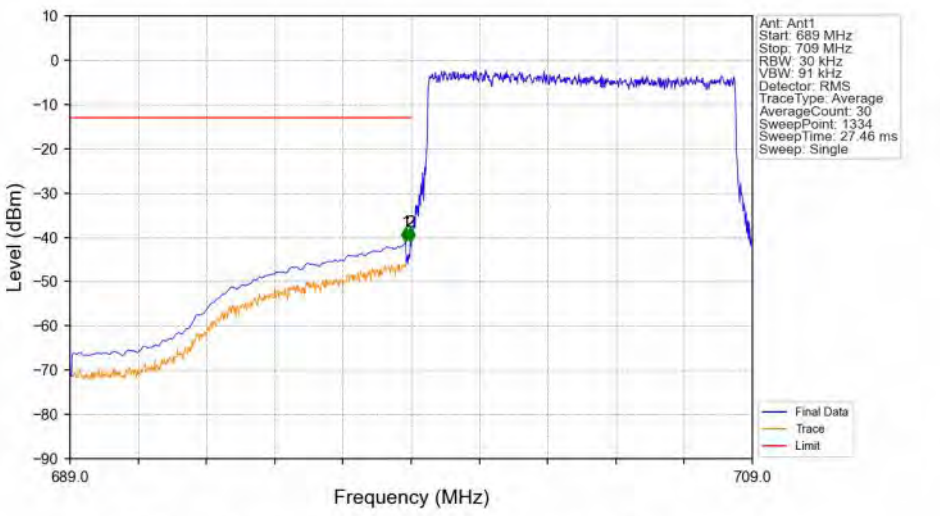


Band12_10MHz_16QAM_LCH_704MHz_RB_1_0_NTNV

Band12_10MHz_16QAM_LCH_704MHz_RB_1_0_NTNV


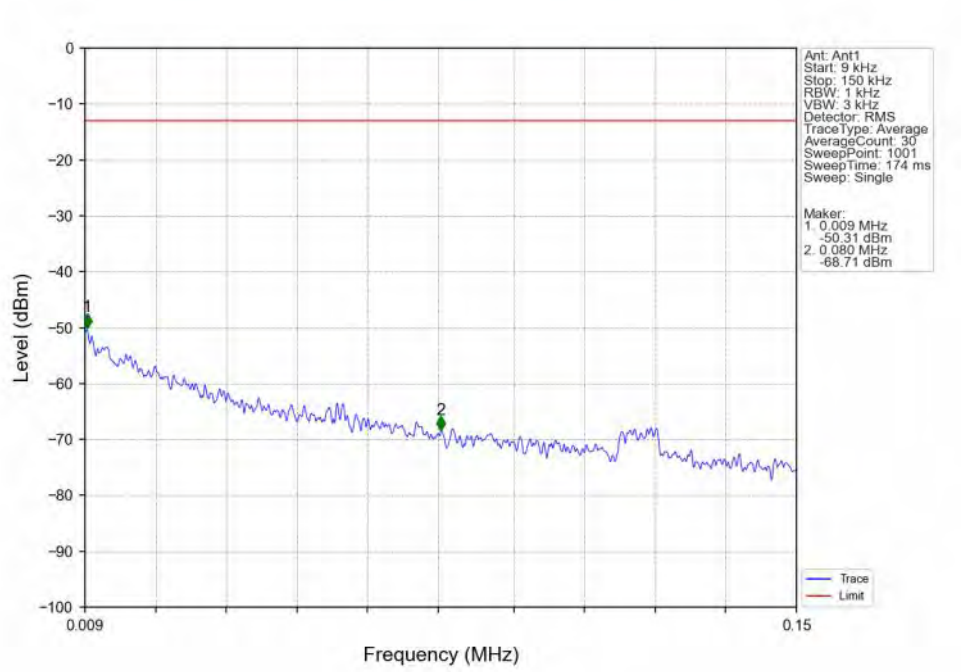
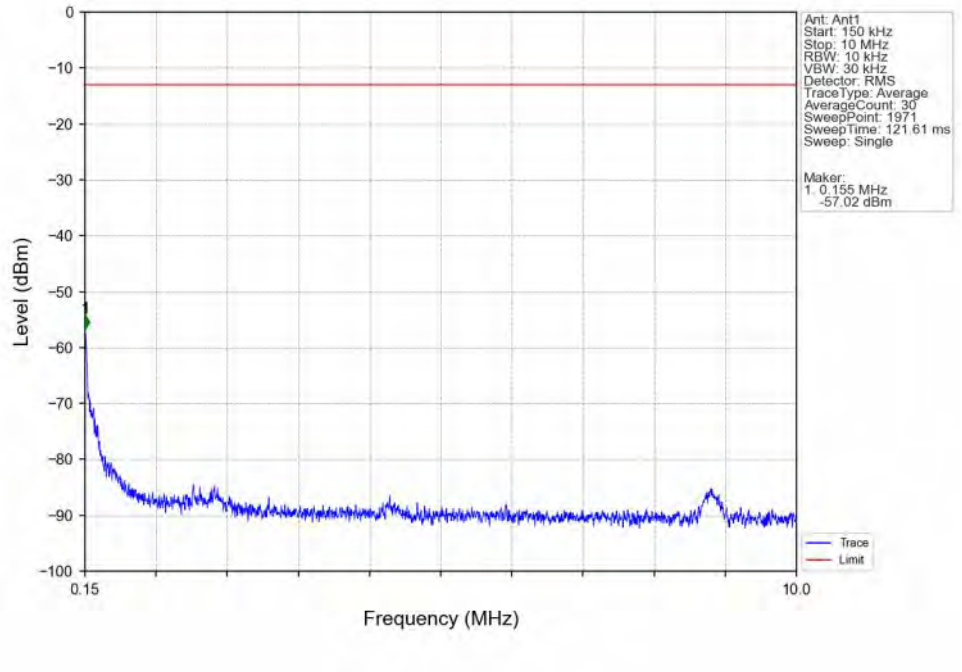
Band12_10MHz_16QAM_LCH_704MHz_RB_1_0_NTNV

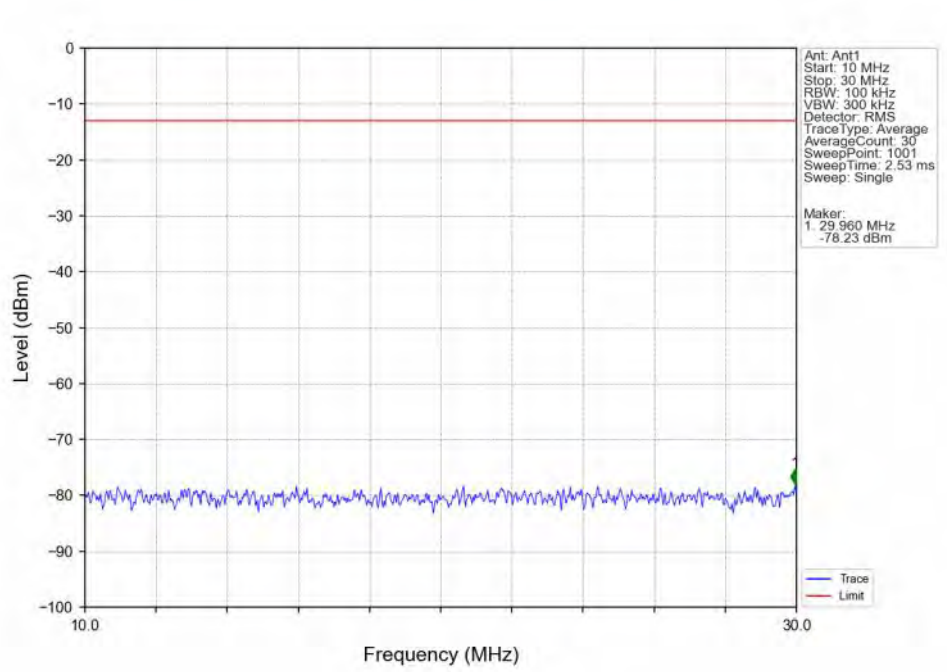


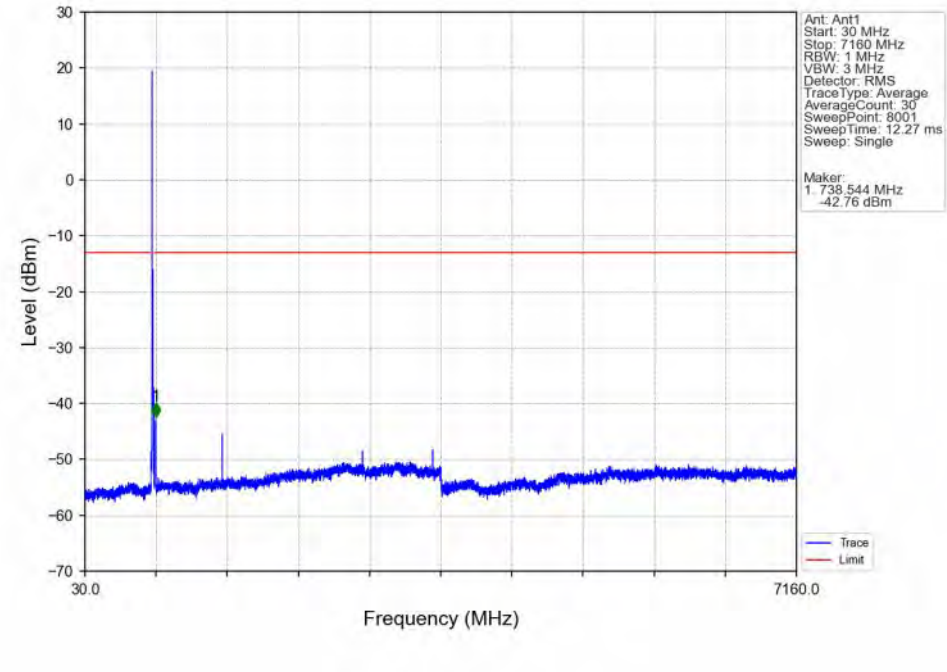
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV

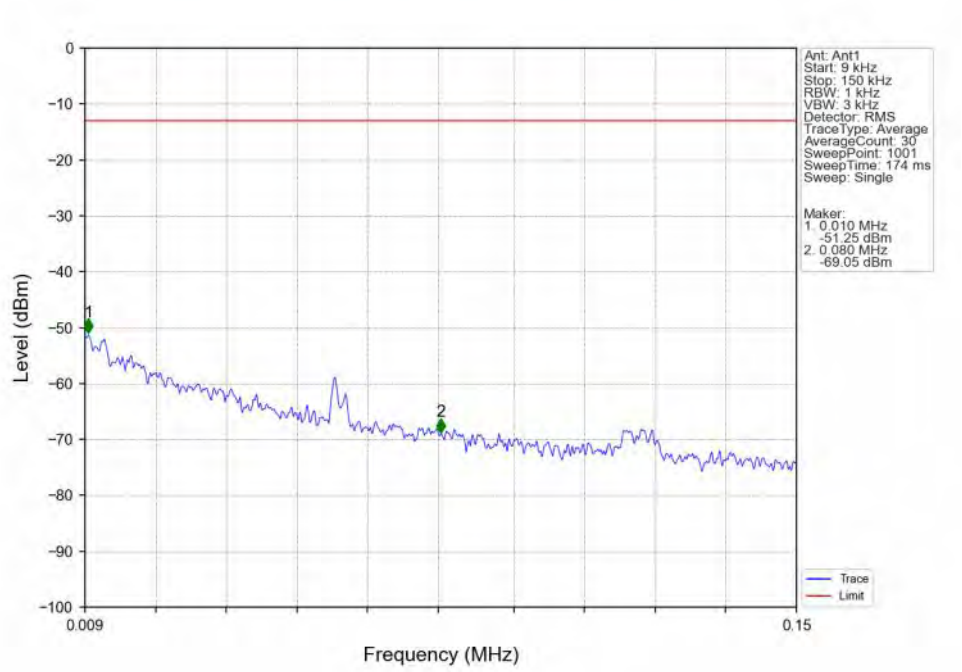


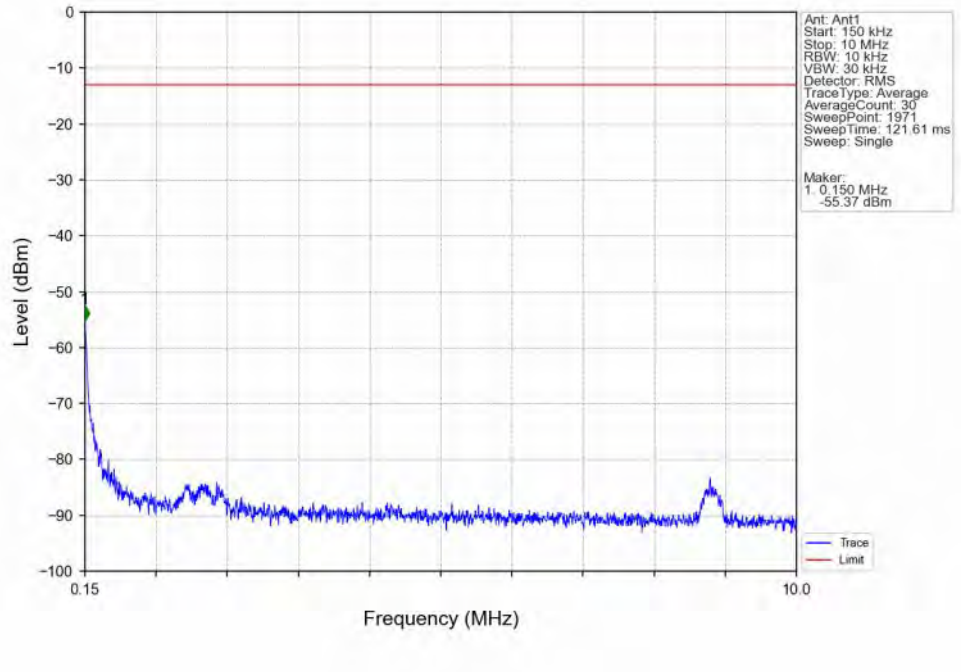
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-41.00	-13	Pass
698.9	699	0.03	/	2	698.977	-41.00	-13	Pass
699	709	0.03	/	/	/	/	/	/

Band12_10MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV

Band12_10MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV


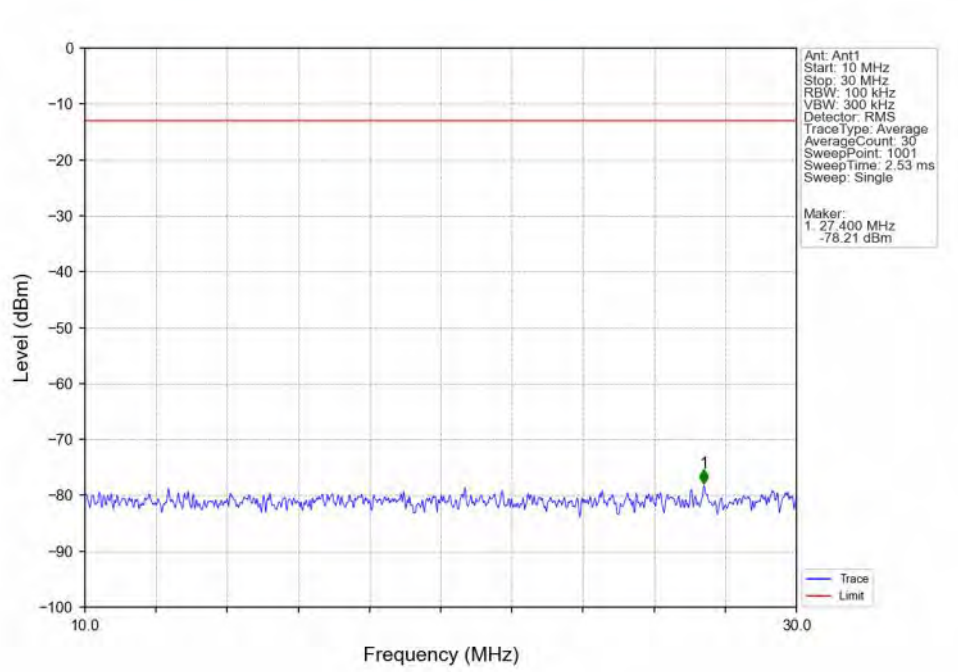
Band12_10MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV


Band12_10MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV


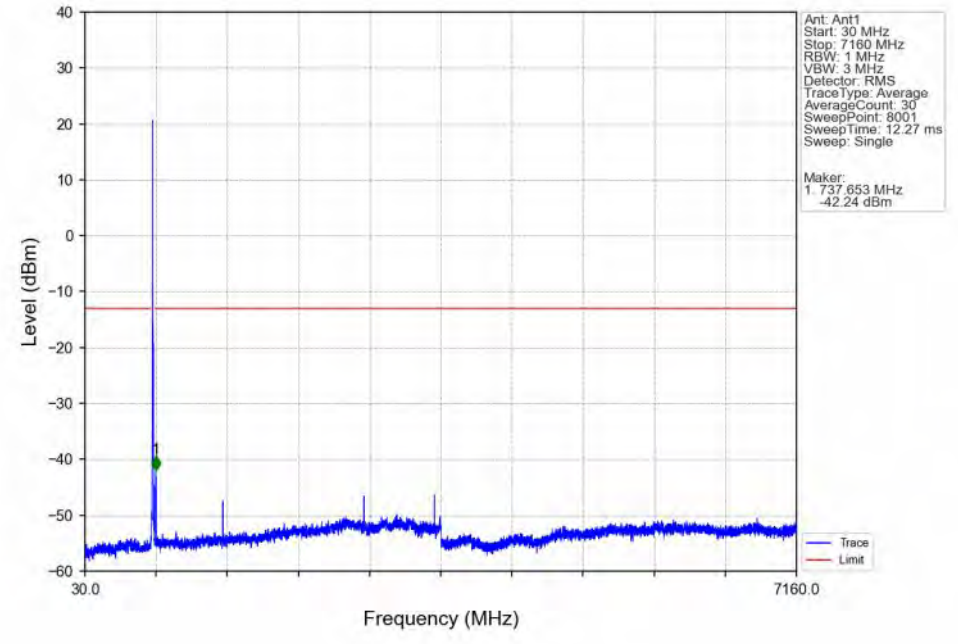
Band12_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV


Band12_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV


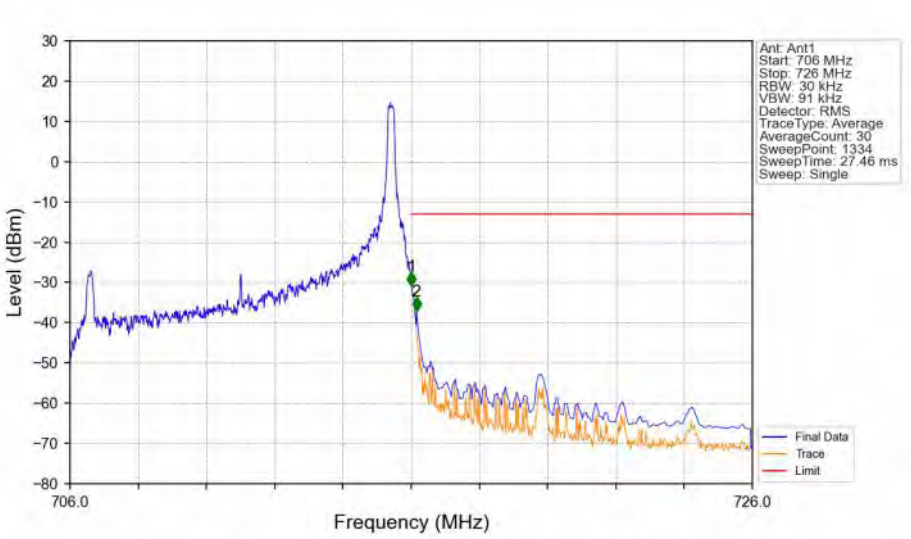
Band12_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV

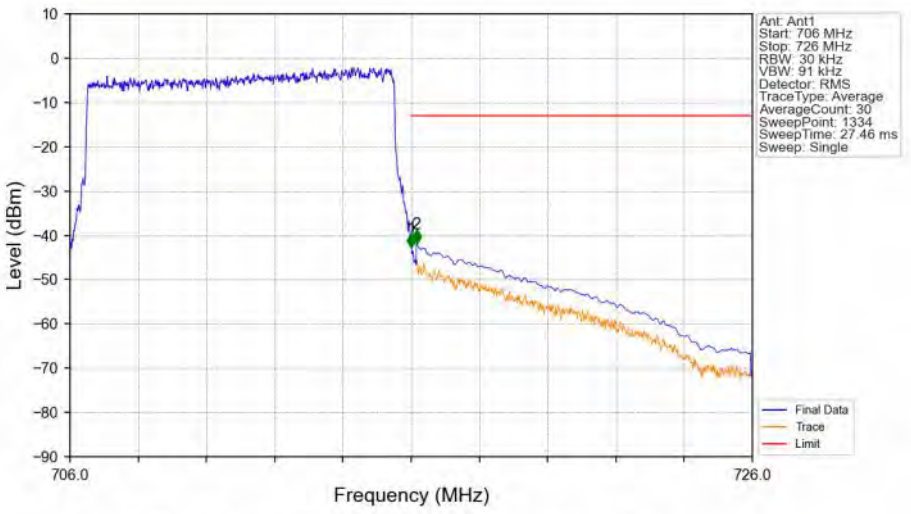


Band12_10MHz_16QAM_HCH_711MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-30.84	-13	Pass
716.1	726	0.1	CHP	2	716.158	-37.14	-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	716.008	-42.79	-13	Pass
716.1	726	0.1	CHP	2	716.158	-41.92	-13	Pass

7. Form731

7.1 Test Result

7.1.1 Form731_Power

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
12	1.4	699.7	715.3	0.1549	0.0680	ppm	1M11G7D	27H	21.90
12	1.4	699.7	715.3	0.1479	0.0634	ppm	1M12W7D	27H	21.70
12	3	700.5	714.5	0.1556	0.0629	ppm	2M76G7D	27H	21.92
12	3	700.5	714.5	0.1694	0.0658	ppm	2M77W7D	27H	22.29
12	5	701.5	713.5	0.1503	0.0612	ppm	4M56G7D	27H	21.77
12	5	701.5	713.5	0.1321	0.0633	ppm	4M58W7D	27H	21.21
12	10	704	711	0.1479	0.0622	ppm	9M07G7D	27H	21.70
12	10	704	711	0.1675	0.0632	ppm	9M09W7D	27H	22.24

7.1.2 Form731_ERP

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
12	1.4	699.7	715.3	0.0527	0.0680	ppm	1M11G7D	27H	17.22
12	1.4	699.7	715.3	0.0504	0.0634	ppm	1M12W7D	27H	17.02
12	3	700.5	714.5	0.0530	0.0629	ppm	2M76G7D	27H	17.24
12	3	700.5	714.5	0.0577	0.0658	ppm	2M77W7D	27H	17.61
12	5	701.5	713.5	0.0512	0.0612	ppm	4M56G7D	27H	17.09
12	5	701.5	713.5	0.0450	0.0633	ppm	4M58W7D	27H	16.53
12	10	704	711	0.0504	0.0622	ppm	9M07G7D	27H	17.02
12	10	704	711	0.0570	0.0632	ppm	9M09W7D	27H	17.56