

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	20.19	0.80	18.84	<=34.77	Pass
			2	20.23	0.80	18.88	<=34.77	Pass
			5	20.26	0.80	18.91	<=34.77	Pass
		3	0	20.21	0.80	18.86	<=34.77	Pass
			2	20.13	0.80	18.78	<=34.77	Pass
			3	20.21	0.80	18.86	<=34.77	Pass
		6	0	19.23	0.80	17.88	<=34.77	Pass
	707.5	1	0	20.32	0.80	18.97	<=34.77	Pass
			2	20.50	0.80	19.15	<=34.77	Pass
			5	20.58	0.80	19.23	<=34.77	Pass
		3	0	20.46	0.80	19.11	<=34.77	Pass
			2	20.44	0.80	19.09	<=34.77	Pass
			3	20.48	0.80	19.13	<=34.77	Pass
		6	0	19.52	0.80	18.17	<=34.77	Pass
	715.3	1	0	20.45	0.80	19.10	<=34.77	Pass
			2	20.54	0.80	19.19	<=34.77	Pass
			5	20.51	0.80	19.16	<=34.77	Pass
		3	0	20.69	0.80	19.34	<=34.77	Pass
			2	20.62	0.80	19.27	<=34.77	Pass
			3	20.65	0.80	19.30	<=34.77	Pass
		6	0	19.58	0.80	18.23	<=34.77	Pass
16QAM	699.7	1	0	18.69	0.80	17.34	<=34.77	Pass
			2	18.66	0.80	17.31	<=34.77	Pass
			5	18.69	0.80	17.34	<=34.77	Pass
		3	0	18.88	0.80	17.53	<=34.77	Pass
			2	18.92	0.80	17.57	<=34.77	Pass
			3	18.92	0.80	17.57	<=34.77	Pass
		6	0	18.44	0.80	17.09	<=34.77	Pass
	707.5	1	0	19.68	0.80	18.33	<=34.77	Pass
			2	19.57	0.80	18.22	<=34.77	Pass
			5	19.65	0.80	18.30	<=34.77	Pass
		3	0	19.43	0.80	18.08	<=34.77	Pass
			2	19.58	0.80	18.23	<=34.77	Pass
			3	19.49	0.80	18.14	<=34.77	Pass
		6	0	18.86	0.80	17.51	<=34.77	Pass
	715.3	1	0	19.81	0.80	18.46	<=34.77	Pass
			2	19.65	0.80	18.30	<=34.77	Pass
			5	19.75	0.80	18.40	<=34.77	Pass
		3	0	19.64	0.80	18.29	<=34.77	Pass
2			19.61	0.80	18.26	<=34.77	Pass	
3			19.57	0.80	18.22	<=34.77	Pass	
6		0	18.89	0.80	17.54	<=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	20.28	0.80	18.93	<=34.77	Pass
			7	20.29	0.80	18.94	<=34.77	Pass
			14	20.27	0.80	18.92	<=34.77	Pass
		8	0	19.30	0.80	17.95	<=34.77	Pass
			4	19.15	0.80	17.80	<=34.77	Pass
			7	19.35	0.80	18.00	<=34.77	Pass
		15	0	19.02	0.80	17.67	<=34.77	Pass
	707.5	1	0	20.36	0.80	19.01	<=34.77	Pass
			7	20.43	0.80	19.08	<=34.77	Pass
			14	20.48	0.80	19.13	<=34.77	Pass
		8	0	19.51	0.80	18.16	<=34.77	Pass
			4	19.50	0.80	18.15	<=34.77	Pass
			7	19.47	0.80	18.12	<=34.77	Pass
		15	0	19.52	0.80	18.17	<=34.77	Pass
	714.5	1	0	20.64	0.80	19.29	<=34.77	Pass
			7	20.65	0.80	19.30	<=34.77	Pass
			14	20.53	0.80	19.18	<=34.77	Pass
		8	0	19.71	0.80	18.36	<=34.77	Pass
			4	19.81	0.80	18.46	<=34.77	Pass
			7	19.55	0.80	18.20	<=34.77	Pass
		15	0	19.75	0.80	18.40	<=34.77	Pass
16QAM	700.5	1	0	18.59	0.80	17.24	<=34.77	Pass
			7	18.71	0.80	17.36	<=34.77	Pass
			14	18.99	0.80	17.64	<=34.77	Pass
		8	0	18.53	0.80	17.18	<=34.77	Pass
			4	18.51	0.80	17.16	<=34.77	Pass
			7	18.54	0.80	17.19	<=34.77	Pass
		15	0	18.45	0.80	17.10	<=34.77	Pass
	707.5	1	0	20.35	0.80	19.00	<=34.77	Pass
			7	20.24	0.80	18.89	<=34.77	Pass
			14	20.27	0.80	18.92	<=34.77	Pass
		8	0	18.65	0.80	17.30	<=34.77	Pass
			4	18.67	0.80	17.32	<=34.77	Pass
			7	18.74	0.80	17.39	<=34.77	Pass
		15	0	18.68	0.80	17.33	<=34.77	Pass
	714.5	1	0	20.02	0.80	18.67	<=34.77	Pass
			7	20.12	0.80	18.77	<=34.77	Pass
			14	19.92	0.80	18.57	<=34.77	Pass
		8	0	19.02	0.80	17.67	<=34.77	Pass
			4	19.01	0.80	17.66	<=34.77	Pass
			7	19.09	0.80	17.74	<=34.77	Pass
		15	0	18.75	0.80	17.40	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.3 B12_5MHz_ERP

Band: 12 / Bandwidth: 5MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	701.5	1	0	20.01	0.80	18.66	<=34.77	Pass
			13	20.15	0.80	18.80	<=34.77	Pass
			24	20.18	0.80	18.83	<=34.77	Pass
		12	0	18.91	0.80	17.56	<=34.77	Pass
			6	19.30	0.80	17.95	<=34.77	Pass
			13	19.45	0.80	18.10	<=34.77	Pass

16QAM	707.5	25	0	19.44	0.80	18.09	<=34.77	Pass
			0	20.32	0.80	18.97	<=34.77	Pass
			13	20.35	0.80	19.00	<=34.77	Pass
			24	20.49	0.80	19.14	<=34.77	Pass
		12	0	19.47	0.80	18.12	<=34.77	Pass
			6	19.44	0.80	18.09	<=34.77	Pass
			13	19.45	0.80	18.10	<=34.77	Pass
			25	19.51	0.80	18.16	<=34.77	Pass
		1	0	20.59	0.80	19.24	<=34.77	Pass
			13	20.69	0.80	19.34	<=34.77	Pass
			24	20.57	0.80	19.22	<=34.77	Pass
			25	19.71	0.80	18.36	<=34.77	Pass
	713.5	12	0	18.91	0.80	17.56	<=34.77	Pass
			13	19.32	0.80	17.97	<=34.77	Pass
			24	19.37	0.80	18.02	<=34.77	Pass
			25	18.47	0.80	17.12	<=34.77	Pass
		1	0	19.40	0.80	18.05	<=34.77	Pass
			13	19.39	0.80	18.04	<=34.77	Pass
			24	19.51	0.80	18.16	<=34.77	Pass
			25	18.60	0.80	17.25	<=34.77	Pass
		12	0	18.53	0.80	17.18	<=34.77	Pass
			6	18.69	0.80	17.34	<=34.77	Pass
			13	18.73	0.80	17.38	<=34.77	Pass
			25	18.85	0.80	17.50	<=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	20.16	0.80	18.81	<=34.77	Pass
			25	20.19	0.80	18.84	<=34.77	Pass
			49	20.59	0.80	19.24	<=34.77	Pass
		25	0	19.39	0.80	18.04	<=34.77	Pass
			13	19.32	0.80	17.97	<=34.77	Pass
			25	19.54	0.80	18.19	<=34.77	Pass
		50	0	19.34	0.80	17.99	<=34.77	Pass
			0	20.20	0.80	18.85	<=34.77	Pass
	707.5	1	25	20.41	0.80	19.06	<=34.77	Pass
			49	20.66	0.80	19.31	<=34.77	Pass
			0	19.48	0.80	18.13	<=34.77	Pass
		25	13	19.41	0.80	18.06	<=34.77	Pass
			25	19.52	0.80	18.17	<=34.77	Pass
			0	19.40	0.80	18.05	<=34.77	Pass
		50	0	19.40	0.80	18.05	<=34.77	Pass
			0	19.40	0.80	18.05	<=34.77	Pass

16QAM	711	1	0	20.27	0.80	18.92	<=34.77	Pass
			25	20.50	0.80	19.15	<=34.77	Pass
			49	20.50	0.80	19.15	<=34.77	Pass
		25	0	19.54	0.80	18.19	<=34.77	Pass
			13	19.59	0.80	18.24	<=34.77	Pass
			25	19.77	0.80	18.42	<=34.77	Pass
		50	0	19.51	0.80	18.16	<=34.77	Pass
			0	18.75	0.80	17.40	<=34.77	Pass
			25	18.96	0.80	17.61	<=34.77	Pass
	704	1	49	19.12	0.80	17.77	<=34.77	Pass
			0	19.21	0.80	17.86	<=34.77	Pass
			19	19.34	0.80	17.99	<=34.77	Pass
		12	38	19.52	0.80	18.17	<=34.77	Pass
			0	18.51	0.80	17.16	<=34.77	Pass
			0	19.55	0.80	18.20	<=34.77	Pass
		27	25	19.60	0.80	18.25	<=34.77	Pass
			49	19.70	0.80	18.35	<=34.77	Pass
			0	19.23	0.80	17.88	<=34.77	Pass
	707.5	1	19	19.36	0.80	18.01	<=34.77	Pass
			38	19.54	0.80	18.19	<=34.77	Pass
			0	18.50	0.80	17.15	<=34.77	Pass
		12	0	19.53	0.80	18.18	<=34.77	Pass
			25	19.57	0.80	18.22	<=34.77	Pass
			49	19.73	0.80	18.38	<=34.77	Pass
		27	0	19.52	0.80	18.17	<=34.77	Pass
			19	19.61	0.80	18.26	<=34.77	Pass
			38	19.80	0.80	18.45	<=34.77	Pass
	711	1	23	18.55	0.80	17.20	<=34.77	Pass
			0	19.53	0.80	18.18	<=34.77	Pass
			25	19.57	0.80	18.22	<=34.77	Pass
		12	49	19.73	0.80	18.38	<=34.77	Pass
			0	19.52	0.80	18.17	<=34.77	Pass
			19	19.61	0.80	18.26	<=34.77	Pass
		27	38	19.80	0.80	18.45	<=34.77	Pass
			0	19.53	0.80	18.18	<=34.77	Pass
			25	19.57	0.80	18.22	<=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	-1.745	-0.0025	-2.5 to 2.5	Pass
					3.85	-4.306	-0.0062	-2.5 to 2.5	Pass
					4.43	-5.035	-0.0072	-2.5 to 2.5	Pass
				-30	3.85	-4.992	-0.0071	-2.5 to 2.5	Pass
					3.85	-2.933	-0.0042	-2.5 to 2.5	Pass
					3.85	-1.431	-0.0020	-2.5 to 2.5	Pass
				0	3.85	0.730	0.0010	-2.5 to 2.5	Pass
					3.85	0.873	0.0012	-2.5 to 2.5	Pass
					3.85	2.446	0.0035	-2.5 to 2.5	Pass
				40	3.85	3.834	0.0055	-2.5 to 2.5	Pass
					3.85	4.921	0.0070	-2.5 to 2.5	Pass
					3.85	4.921	0.0070	-2.5 to 2.5	Pass
	707.5	6	0	20	3.27	-3.605	-0.0051	-2.5 to 2.5	Pass
					3.85	-5.164	-0.0073	-2.5 to 2.5	Pass
					4.43	-6.466	-0.0091	-2.5 to 2.5	Pass
				-30	3.85	-6.766	-0.0096	-2.5 to 2.5	Pass
					3.85	-7.739	-0.0109	-2.5 to 2.5	Pass
					3.85	-7.982	-0.0113	-2.5 to 2.5	Pass
				-10	3.85	-7.982	-0.0113	-2.5 to 2.5	Pass
					3.85	-7.982	-0.0113	-2.5 to 2.5	Pass

				0	3.85	-6.552	-0.0093	-2.5 to 2.5	Pass
				10	3.85	-8.283	-0.0117	-2.5 to 2.5	Pass
				30	3.85	-7.739	-0.0109	-2.5 to 2.5	Pass
				40	3.85	-8.039	-0.0114	-2.5 to 2.5	Pass
				50	3.85	-9.069	-0.0128	-2.5 to 2.5	Pass
	715.3	6	0	20	3.27	0.529	0.0007	-2.5 to 2.5	Pass
					3.85	-2.046	-0.0029	-2.5 to 2.5	Pass
					4.43	0.629	0.0009	-2.5 to 2.5	Pass
				-30	3.85	2.561	0.0036	-2.5 to 2.5	Pass
				-20	3.85	4.621	0.0065	-2.5 to 2.5	Pass
				-10	3.85	7.124	0.0100	-2.5 to 2.5	Pass
				0	3.85	10.071	0.0141	-2.5 to 2.5	Pass
				10	3.85	13.003	0.0182	-2.5 to 2.5	Pass
				30	3.85	14.620	0.0204	-2.5 to 2.5	Pass
				40	3.85	15.779	0.0221	-2.5 to 2.5	Pass
				50	3.85	18.525	0.0259	-2.5 to 2.5	Pass
16QAM	699.7	6	0	20	3.27	4.120	0.0059	-2.5 to 2.5	Pass
					3.85	7.153	0.0102	-2.5 to 2.5	Pass
					4.43	6.666	0.0095	-2.5 to 2.5	Pass
				-30	3.85	6.008	0.0086	-2.5 to 2.5	Pass
				-20	3.85	4.950	0.0071	-2.5 to 2.5	Pass
				-10	3.85	7.324	0.0105	-2.5 to 2.5	Pass
				0	3.85	5.264	0.0075	-2.5 to 2.5	Pass
				10	3.85	5.178	0.0074	-2.5 to 2.5	Pass
				30	3.85	4.592	0.0066	-2.5 to 2.5	Pass
				40	3.85	4.578	0.0065	-2.5 to 2.5	Pass
				50	3.85	4.263	0.0061	-2.5 to 2.5	Pass
	707.5	6	0	20	3.27	-8.268	-0.0117	-2.5 to 2.5	Pass
					3.85	-9.198	-0.0130	-2.5 to 2.5	Pass
					4.43	-9.098	-0.0129	-2.5 to 2.5	Pass
				-30	3.85	-10.386	-0.0147	-2.5 to 2.5	Pass
				-20	3.85	-10.629	-0.0150	-2.5 to 2.5	Pass
				-10	3.85	-11.330	-0.0160	-2.5 to 2.5	Pass
				0	3.85	-11.745	-0.0166	-2.5 to 2.5	Pass
				10	3.85	-11.358	-0.0161	-2.5 to 2.5	Pass
				30	3.85	-10.700	-0.0151	-2.5 to 2.5	Pass
				40	3.85	-11.802	-0.0167	-2.5 to 2.5	Pass
				50	3.85	-11.544	-0.0163	-2.5 to 2.5	Pass
	715.3	6	0	20	3.27	19.584	0.0274	-2.5 to 2.5	Pass
					3.85	21.629	0.0302	-2.5 to 2.5	Pass
					4.43	20.671	0.0289	-2.5 to 2.5	Pass
				-30	3.85	20.199	0.0282	-2.5 to 2.5	Pass
				-20	3.85	22.402	0.0313	-2.5 to 2.5	Pass
				-10	3.85	20.857	0.0292	-2.5 to 2.5	Pass
				0	3.85	21.830	0.0305	-2.5 to 2.5	Pass
				10	3.85	23.317	0.0326	-2.5 to 2.5	Pass
				30	3.85	20.671	0.0289	-2.5 to 2.5	Pass
				40	3.85	23.546	0.0329	-2.5 to 2.5	Pass
				50	3.85	22.516	0.0315	-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	0.300	0.0004	-2.5 to 2.5	Pass
					3.85	-7.739	-0.0110	-2.5 to 2.5	Pass

16QAM					4.43	-9.685	-0.0138	-2.5 to 2.5	Pass
				-30	3.85	-10.300	-0.0147	-2.5 to 2.5	Pass
				-20	3.85	-9.942	-0.0142	-2.5 to 2.5	Pass
				-10	3.85	-8.383	-0.0120	-2.5 to 2.5	Pass
				0	3.85	-6.423	-0.0092	-2.5 to 2.5	Pass
				10	3.85	-4.821	-0.0069	-2.5 to 2.5	Pass
				30	3.85	-3.991	-0.0057	-2.5 to 2.5	Pass
				40	3.85	-3.862	-0.0055	-2.5 to 2.5	Pass
				50	3.85	-2.103	-0.0030	-2.5 to 2.5	Pass
	707.5	15	0	20	3.27	-1.945	-0.0027	-2.5 to 2.5	Pass
					3.85	-2.303	-0.0033	-2.5 to 2.5	Pass
					4.43	-4.535	-0.0064	-2.5 to 2.5	Pass
				-30	3.85	-3.963	-0.0056	-2.5 to 2.5	Pass
				-20	3.85	-4.978	-0.0070	-2.5 to 2.5	Pass
				-10	3.85	-4.063	-0.0057	-2.5 to 2.5	Pass
				0	3.85	-4.864	-0.0069	-2.5 to 2.5	Pass
				10	3.85	-5.622	-0.0079	-2.5 to 2.5	Pass
				30	3.85	-5.136	-0.0073	-2.5 to 2.5	Pass
				40	3.85	-4.492	-0.0063	-2.5 to 2.5	Pass
				50	3.85	-4.435	-0.0063	-2.5 to 2.5	Pass
	714.5	15	0	20	3.27	-3.290	-0.0046	-2.5 to 2.5	Pass
					3.85	-6.580	-0.0092	-2.5 to 2.5	Pass
					4.43	-4.263	-0.0060	-2.5 to 2.5	Pass
				-30	3.85	-3.176	-0.0044	-2.5 to 2.5	Pass
				-20	3.85	1.101	0.0015	-2.5 to 2.5	Pass
				-10	3.85	3.262	0.0046	-2.5 to 2.5	Pass
				0	3.85	5.250	0.0073	-2.5 to 2.5	Pass
				10	3.85	8.454	0.0118	-2.5 to 2.5	Pass
				30	3.85	11.487	0.0161	-2.5 to 2.5	Pass
				40	3.85	13.561	0.0190	-2.5 to 2.5	Pass
				50	3.85	16.279	0.0228	-2.5 to 2.5	Pass
	700.5	15	0	20	3.27	-0.687	-0.0010	-2.5 to 2.5	Pass
					3.85	-0.014	0.0000	-2.5 to 2.5	Pass
					4.43	0.257	0.0004	-2.5 to 2.5	Pass
				-30	3.85	1.030	0.0015	-2.5 to 2.5	Pass
				-20	3.85	1.817	0.0026	-2.5 to 2.5	Pass
				-10	3.85	1.359	0.0019	-2.5 to 2.5	Pass
				0	3.85	1.602	0.0023	-2.5 to 2.5	Pass
				10	3.85	1.760	0.0025	-2.5 to 2.5	Pass
				30	3.85	2.260	0.0032	-2.5 to 2.5	Pass
				40	3.85	3.176	0.0045	-2.5 to 2.5	Pass
				50	3.85	2.003	0.0029	-2.5 to 2.5	Pass
	707.5	15	0	20	3.27	-2.789	-0.0039	-2.5 to 2.5	Pass
					3.85	-3.319	-0.0047	-2.5 to 2.5	Pass
					4.43	-4.492	-0.0063	-2.5 to 2.5	Pass
				-30	3.85	-4.807	-0.0068	-2.5 to 2.5	Pass
				-20	3.85	-4.821	-0.0068	-2.5 to 2.5	Pass
				-10	3.85	-5.894	-0.0083	-2.5 to 2.5	Pass
				0	3.85	-6.537	-0.0092	-2.5 to 2.5	Pass
				10	3.85	-6.924	-0.0098	-2.5 to 2.5	Pass
				30	3.85	-5.608	-0.0079	-2.5 to 2.5	Pass
				40	3.85	-6.609	-0.0093	-2.5 to 2.5	Pass
				50	3.85	-7.868	-0.0111	-2.5 to 2.5	Pass
	714.5	15	0	20	3.27	18.196	0.0255	-2.5 to 2.5	Pass
					3.85	19.970	0.0279	-2.5 to 2.5	Pass
					4.43	20.728	0.0290	-2.5 to 2.5	Pass
				-30	3.85	19.169	0.0268	-2.5 to 2.5	Pass
				-20	3.85	18.582	0.0260	-2.5 to 2.5	Pass
				-10	3.85	19.140	0.0268	-2.5 to 2.5	Pass

				0	3.85	19.541	0.0273	-2.5 to 2.5	Pass
				10	3.85	19.069	0.0267	-2.5 to 2.5	Pass
				30	3.85	18.282	0.0256	-2.5 to 2.5	Pass
				40	3.85	19.012	0.0266	-2.5 to 2.5	Pass
				50	3.85	18.425	0.0258	-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	6.466	0.0092	-2.5 to 2.5	Pass
					3.85	-2.189	-0.0031	-2.5 to 2.5	Pass
					4.43	-5.407	-0.0077	-2.5 to 2.5	Pass
				-30	3.85	-6.423	-0.0092	-2.5 to 2.5	Pass
				-20	3.85	-4.063	-0.0058	-2.5 to 2.5	Pass
				-10	3.85	-2.246	-0.0032	-2.5 to 2.5	Pass
				0	3.85	-0.129	-0.0002	-2.5 to 2.5	Pass
				10	3.85	1.187	0.0017	-2.5 to 2.5	Pass
				30	3.85	2.561	0.0037	-2.5 to 2.5	Pass
				40	3.85	3.748	0.0053	-2.5 to 2.5	Pass
				50	3.85	4.992	0.0071	-2.5 to 2.5	Pass
	707.5	25	0	20	3.27	2.131	0.0030	-2.5 to 2.5	Pass
					3.85	2.618	0.0037	-2.5 to 2.5	Pass
					4.43	2.017	0.0029	-2.5 to 2.5	Pass
				-30	3.85	0.472	0.0007	-2.5 to 2.5	Pass
				-20	3.85	0.257	0.0004	-2.5 to 2.5	Pass
				-10	3.85	0.157	0.0002	-2.5 to 2.5	Pass
				0	3.85	-1.259	-0.0018	-2.5 to 2.5	Pass
				10	3.85	0.343	0.0005	-2.5 to 2.5	Pass
				30	3.85	1.488	0.0021	-2.5 to 2.5	Pass
				40	3.85	1.016	0.0014	-2.5 to 2.5	Pass
				50	3.85	1.616	0.0023	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	3.319	0.0047	-2.5 to 2.5	Pass
					3.85	3.033	0.0043	-2.5 to 2.5	Pass
					4.43	4.749	0.0067	-2.5 to 2.5	Pass
				-30	3.85	6.537	0.0092	-2.5 to 2.5	Pass
				-20	3.85	9.713	0.0136	-2.5 to 2.5	Pass
				-10	3.85	11.873	0.0166	-2.5 to 2.5	Pass
				0	3.85	16.308	0.0229	-2.5 to 2.5	Pass
				10	3.85	17.810	0.0250	-2.5 to 2.5	Pass
				30	3.85	19.526	0.0274	-2.5 to 2.5	Pass
				40	3.85	21.358	0.0299	-2.5 to 2.5	Pass
				50	3.85	23.618	0.0331	-2.5 to 2.5	Pass
16QAM	701.5	25	0	20	3.27	6.752	0.0096	-2.5 to 2.5	Pass
					3.85	8.268	0.0118	-2.5 to 2.5	Pass
					4.43	8.640	0.0123	-2.5 to 2.5	Pass
				-30	3.85	9.456	0.0135	-2.5 to 2.5	Pass
				-20	3.85	9.799	0.0140	-2.5 to 2.5	Pass
				-10	3.85	8.168	0.0116	-2.5 to 2.5	Pass
				0	3.85	8.354	0.0119	-2.5 to 2.5	Pass
				10	3.85	9.212	0.0131	-2.5 to 2.5	Pass
				30	3.85	10.457	0.0149	-2.5 to 2.5	Pass
				40	3.85	10.743	0.0153	-2.5 to 2.5	Pass
				50	3.85	9.956	0.0142	-2.5 to 2.5	Pass
	707.5	25	0	20	3.27	1.159	0.0016	-2.5 to 2.5	Pass
					3.85	0.644	0.0009	-2.5 to 2.5	Pass

					4.43	0.830	0.0012	-2.5 to 2.5	Pass
				-30	3.85	-0.014	0.0000	-2.5 to 2.5	Pass
				-20	3.85	0.587	0.0008	-2.5 to 2.5	Pass
				-10	3.85	-0.415	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-1.416	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-0.615	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-0.801	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-1.202	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-1.717	-0.0024	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	26.193	0.0367	-2.5 to 2.5	Pass
					3.85	26.236	0.0368	-2.5 to 2.5	Pass
					4.43	26.579	0.0373	-2.5 to 2.5	Pass
				-30	3.85	24.633	0.0345	-2.5 to 2.5	Pass
				-20	3.85	25.034	0.0351	-2.5 to 2.5	Pass
				-10	3.85	22.674	0.0318	-2.5 to 2.5	Pass
				0	3.85	21.987	0.0308	-2.5 to 2.5	Pass
				10	3.85	21.729	0.0305	-2.5 to 2.5	Pass
				30	3.85	21.572	0.0302	-2.5 to 2.5	Pass
				40	3.85	21.758	0.0305	-2.5 to 2.5	Pass
				50	3.85	22.759	0.0319	-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	-1.688	-0.0024	-2.5 to 2.5	Pass
					3.85	-10.414	-0.0148	-2.5 to 2.5	Pass
					4.43	-9.699	-0.0138	-2.5 to 2.5	Pass
				-30	3.85	-8.039	-0.0114	-2.5 to 2.5	Pass
				-20	3.85	-6.638	-0.0094	-2.5 to 2.5	Pass
				-10	3.85	-4.392	-0.0062	-2.5 to 2.5	Pass
				0	3.85	-2.446	-0.0035	-2.5 to 2.5	Pass
				10	3.85	-1.388	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-0.186	-0.0003	-2.5 to 2.5	Pass
				40	3.85	1.273	0.0018	-2.5 to 2.5	Pass
				50	3.85	2.732	0.0039	-2.5 to 2.5	Pass
	707.5	50	0	20	3.27	-0.129	-0.0002	-2.5 to 2.5	Pass
					3.85	-1.888	-0.0027	-2.5 to 2.5	Pass
					4.43	-1.402	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-2.632	-0.0037	-2.5 to 2.5	Pass
				-20	3.85	-0.901	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-0.401	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-1.273	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-1.659	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-0.958	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-0.372	-0.0005	-2.5 to 2.5	Pass
				50	3.85	0.858	0.0012	-2.5 to 2.5	Pass
	711	50	0	20	3.27	3.977	0.0056	-2.5 to 2.5	Pass
					3.85	2.947	0.0041	-2.5 to 2.5	Pass
					4.43	5.651	0.0079	-2.5 to 2.5	Pass
				-30	3.85	4.892	0.0069	-2.5 to 2.5	Pass
				-20	3.85	6.952	0.0098	-2.5 to 2.5	Pass
				-10	3.85	8.583	0.0121	-2.5 to 2.5	Pass
				0	3.85	9.928	0.0140	-2.5 to 2.5	Pass
				10	3.85	10.014	0.0141	-2.5 to 2.5	Pass
				30	3.85	11.058	0.0156	-2.5 to 2.5	Pass

16QAM	704	27	0	40	3.85	12.417	0.0175	-2.5 to 2.5	Pass
				50	3.85	14.019	0.0197	-2.5 to 2.5	Pass
				20	3.27	1.245	0.0018	-2.5 to 2.5	Pass
					3.85	1.144	0.0016	-2.5 to 2.5	Pass
					4.43	3.176	0.0045	-2.5 to 2.5	Pass
				-30	3.85	4.821	0.0068	-2.5 to 2.5	Pass
				-20	3.85	3.819	0.0054	-2.5 to 2.5	Pass
				-10	3.85	3.076	0.0044	-2.5 to 2.5	Pass
				0	3.85	4.077	0.0058	-2.5 to 2.5	Pass
				10	3.85	4.835	0.0069	-2.5 to 2.5	Pass
	707.5	27	0	30	3.85	4.721	0.0067	-2.5 to 2.5	Pass
				40	3.85	4.377	0.0062	-2.5 to 2.5	Pass
				50	3.85	4.377	0.0062	-2.5 to 2.5	Pass
				20	3.27	-0.572	-0.0008	-2.5 to 2.5	Pass
					3.85	-0.257	-0.0004	-2.5 to 2.5	Pass
					4.43	0.401	0.0006	-2.5 to 2.5	Pass
				-30	3.85	-0.157	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.916	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-0.715	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-1.745	-0.0025	-2.5 to 2.5	Pass
	711	27	23	10	3.85	-1.802	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-0.286	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-2.217	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-2.289	-0.0032	-2.5 to 2.5	Pass
				20	3.27	15.063	0.0212	-2.5 to 2.5	Pass
					3.85	14.091	0.0198	-2.5 to 2.5	Pass
					4.43	13.289	0.0187	-2.5 to 2.5	Pass
				-30	3.85	13.776	0.0194	-2.5 to 2.5	Pass
				-20	3.85	15.693	0.0221	-2.5 to 2.5	Pass
				-10	3.85	15.521	0.0218	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B12_1.4MHz

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

3.1.2 B12_3MHz

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

3.1.3 B12_5MHz

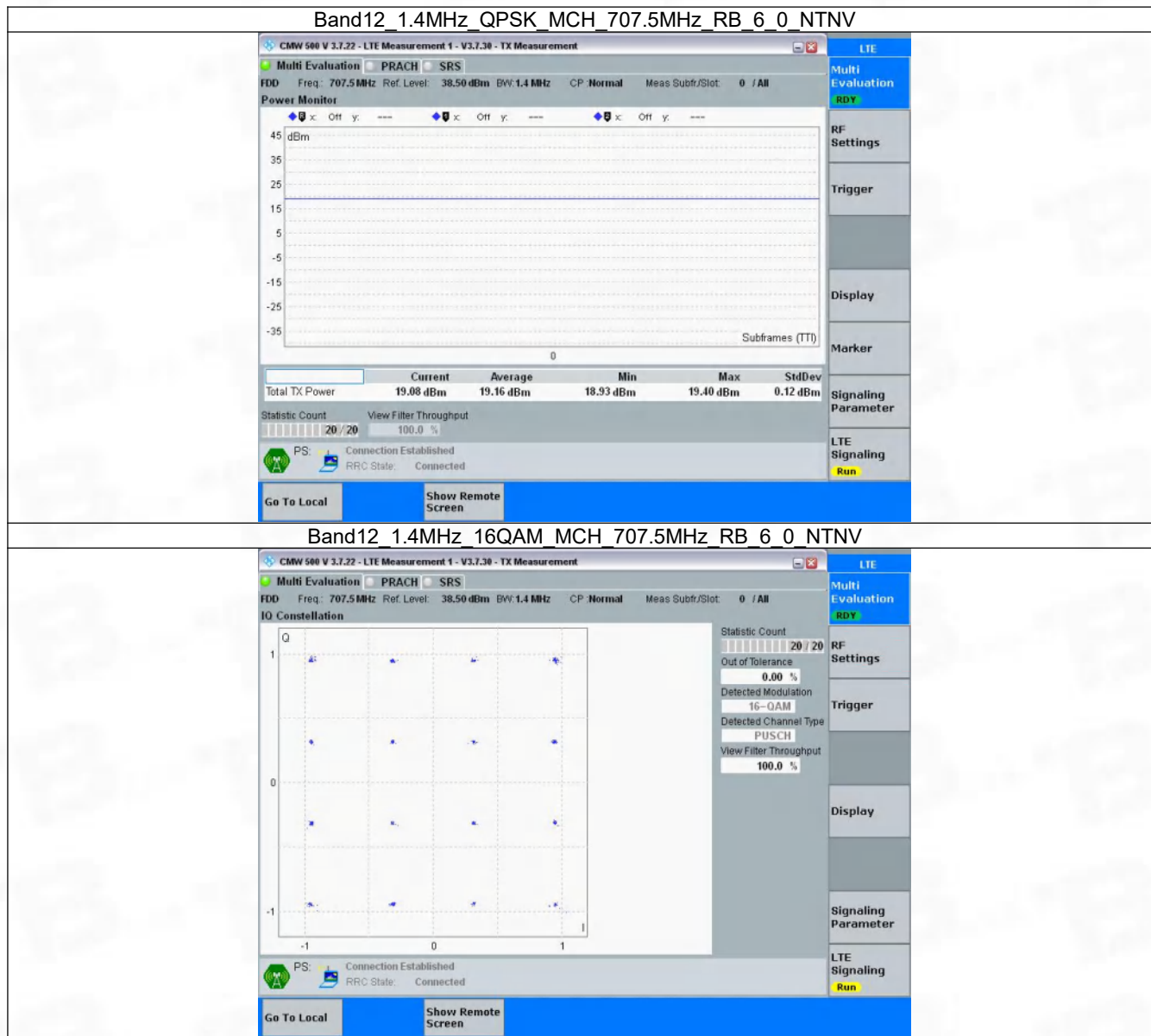
Band: 12 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	707.5	25	0	Refer To Test Graph		Pass
16QAM	707.5	25	0	Refer To Test Graph		Pass

3.1.4 B12_10MHz

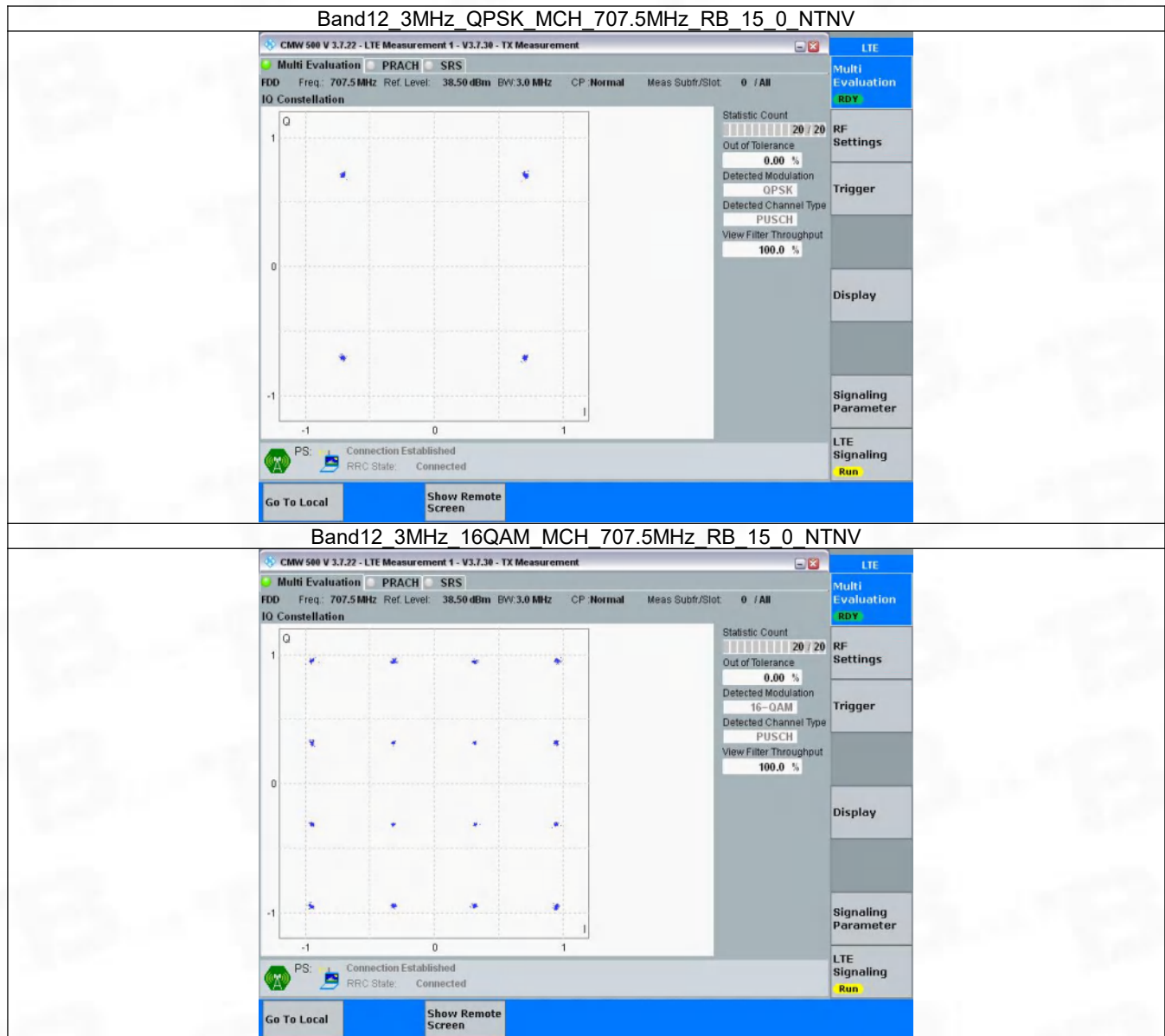
Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	707.5	50	0	Refer To Test Graph		Pass
16QAM	707.5	27	0	Refer To Test Graph		Pass

3.2 Test Graph

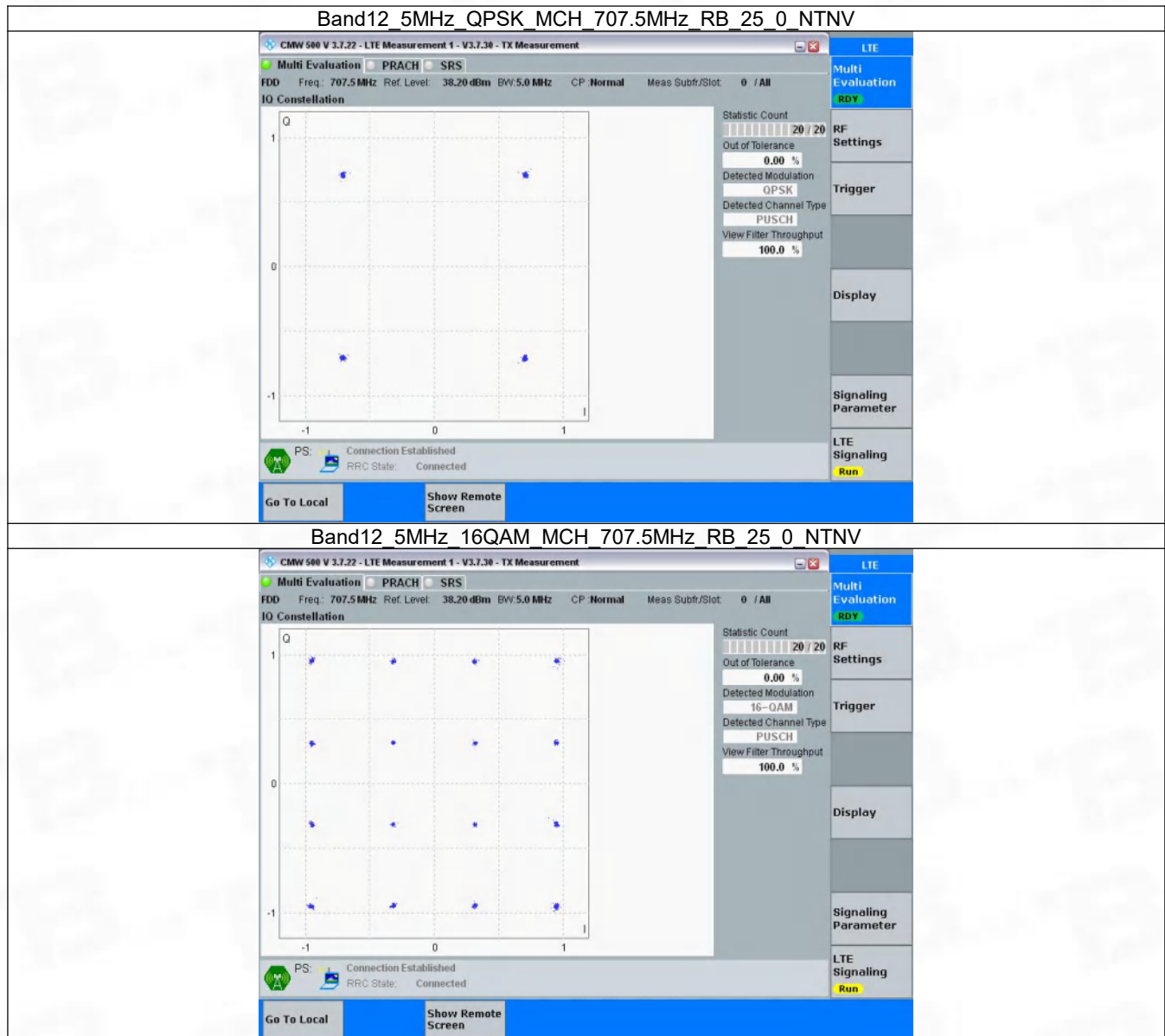
3.2.1 B12_1.4MHz



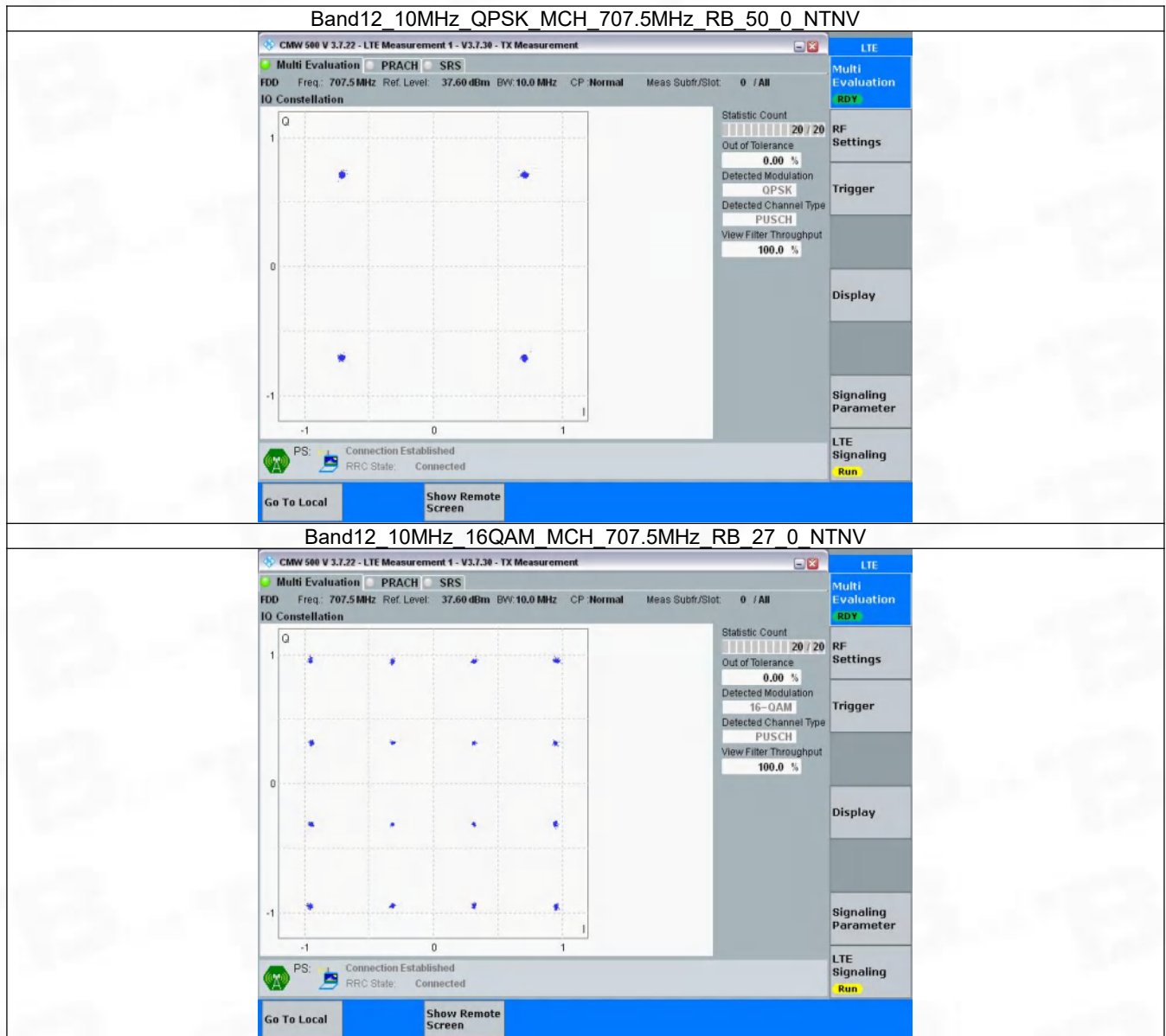
3.2.2 B12_3MHz



3.2.3 B12_5MHz



3.2.4 B12_10MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band12_OBW

Band: 12 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	699.7	6	0	1.117	/	Pass
		707.5	6	0	1.112	/	Pass
		715.3	6	0	1.107	/	Pass
	16QAM	699.7	6	0	1.108	/	Pass
		707.5	6	0	1.113	/	Pass
		715.3	6	0	1.111	/	Pass
3	QPSK	700.5	15	0	2.760	/	Pass
		707.5	15	0	2.753	/	Pass
		714.5	15	0	2.760	/	Pass
	16QAM	700.5	15	0	2.767	/	Pass
		707.5	15	0	2.752	/	Pass
		714.5	15	0	2.775	/	Pass
5	QPSK	701.5	25	0	4.550	/	Pass
		707.5	25	0	4.539	/	Pass
		713.5	25	0	4.591	/	Pass
	16QAM	701.5	25	0	4.575	/	Pass
		707.5	25	0	4.533	/	Pass
		713.5	25	0	4.554	/	Pass
10	QPSK	704	50	0	9.093	/	Pass
		707.5	50	0	9.025	/	Pass
		711	50	0	9.095	/	Pass
	16QAM	704	27	0	5.863	/	Pass
		707.5	27	0	5.304	/	Pass
		711	27	23	5.646	/	Pass

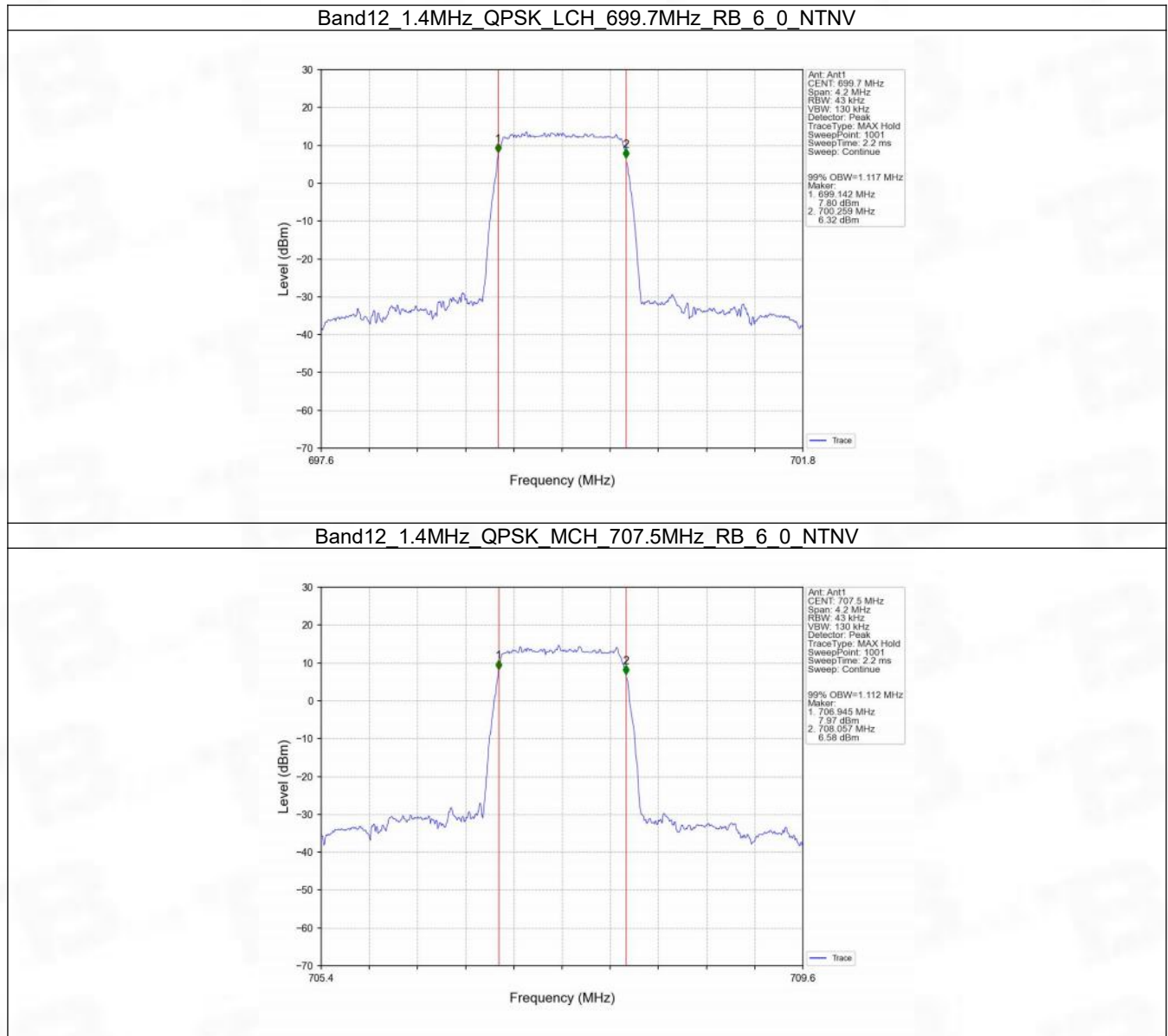
4.1.2 Band12_XDB

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	1.277	/	Pass
		707.5	6	0	1.275	/	Pass
		715.3	6	0	1.270	/	Pass
	16QAM	699.7	6	0	1.270	/	Pass
		707.5	6	0	1.271	/	Pass
		715.3	6	0	1.267	/	Pass
3	QPSK	700.5	15	0	3.100	/	Pass
		707.5	15	0	3.073	/	Pass
		714.5	15	0	3.104	/	Pass
	16QAM	700.5	15	0	3.110	/	Pass
		707.5	15	0	3.100	/	Pass
		714.5	15	0	3.083	/	Pass
5	QPSK	701.5	25	0	5.068	/	Pass
		707.5	25	0	5.065	/	Pass
		713.5	25	0	5.073	/	Pass

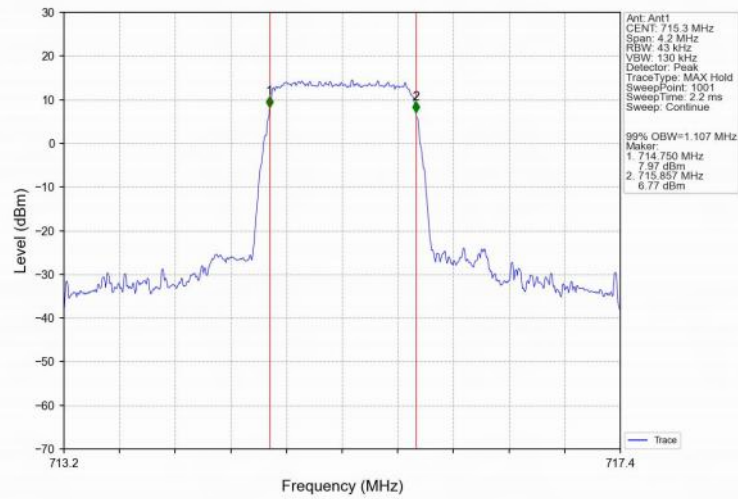
10	16QAM	701.5	25	0	5.093	/	Pass
		707.5	25	0	5.059	/	Pass
		713.5	25	0	5.038	/	Pass
	QPSK	704	50	0	10.022	/	Pass
		707.5	50	0	10.078	/	Pass
		711	50	0	10.007	/	Pass
	16QAM	704	27	0	9.458	/	Pass
		707.5	27	0	8.005	/	Pass
		711	27	23	9.226	/	Pass

4.2 Test Graph

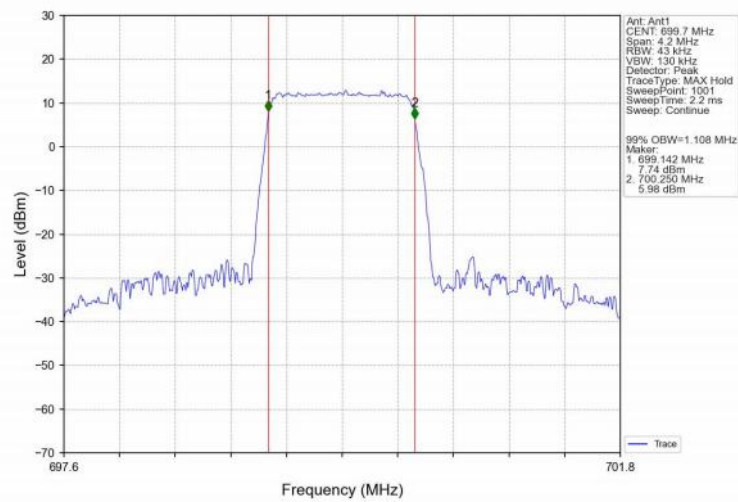
4.2.1 Band12_OBW



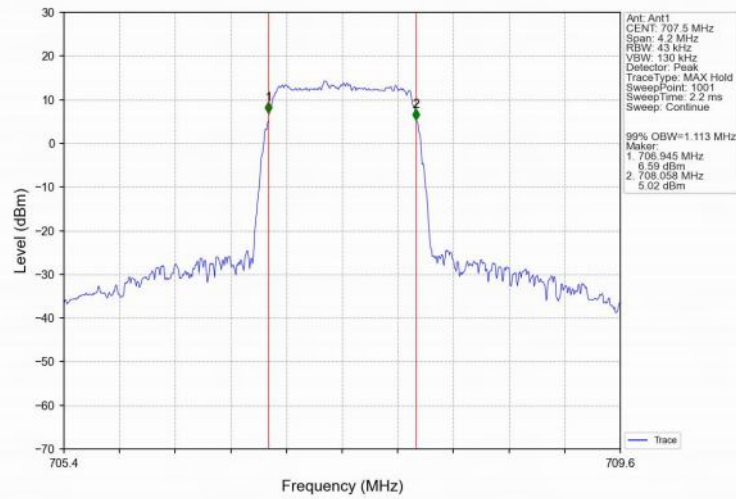
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



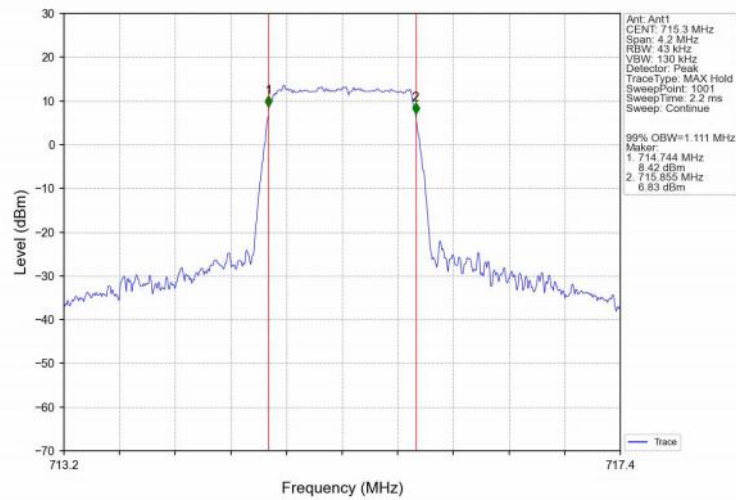
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



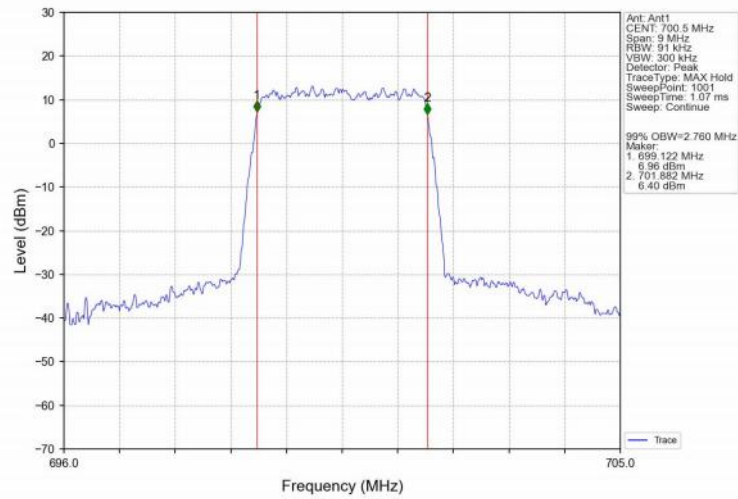
Band12 1.4MHz 16QAM MCH 707.5MHz RB 6 0 NTN



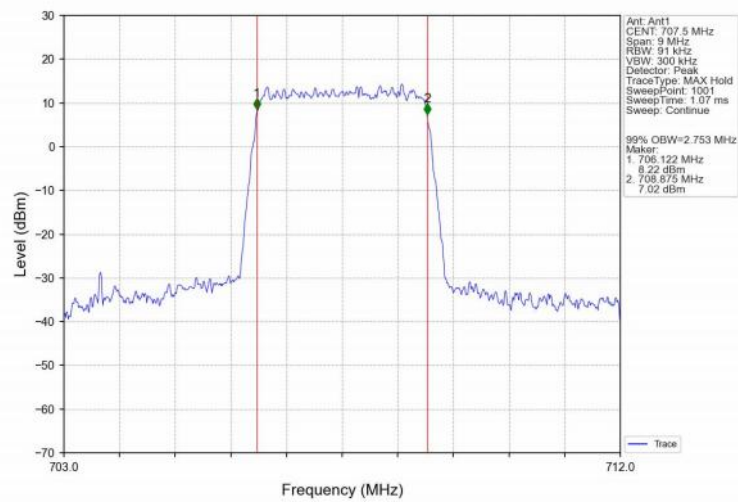
Band12 1.4MHz 16QAM HCH 715.3MHz RB 6 0 NTN



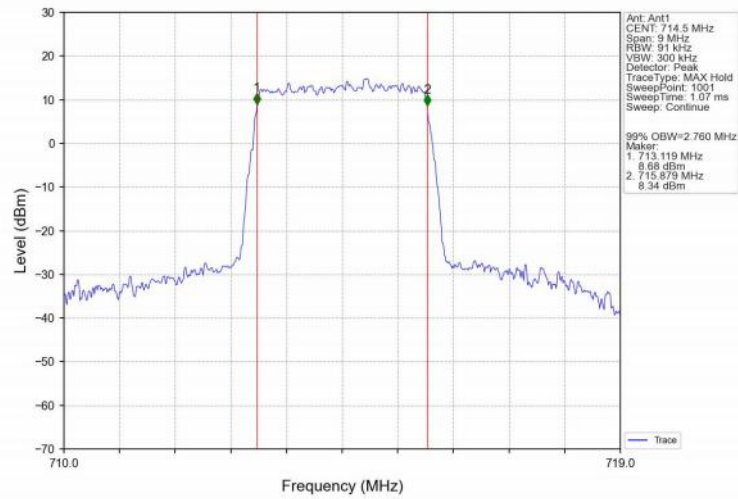
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



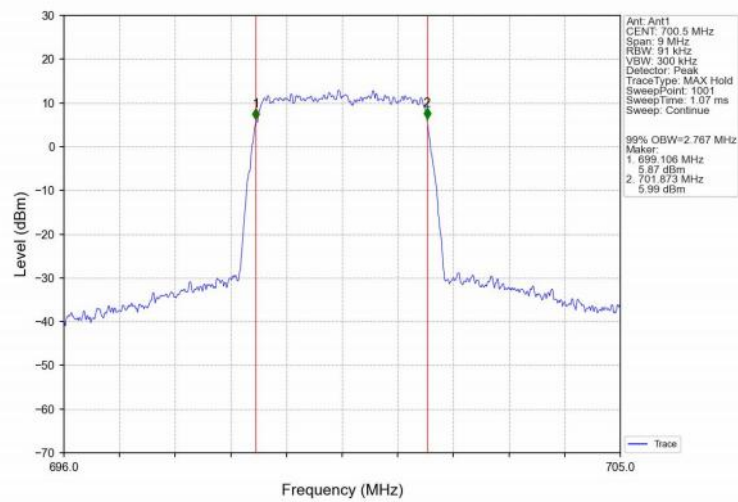
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



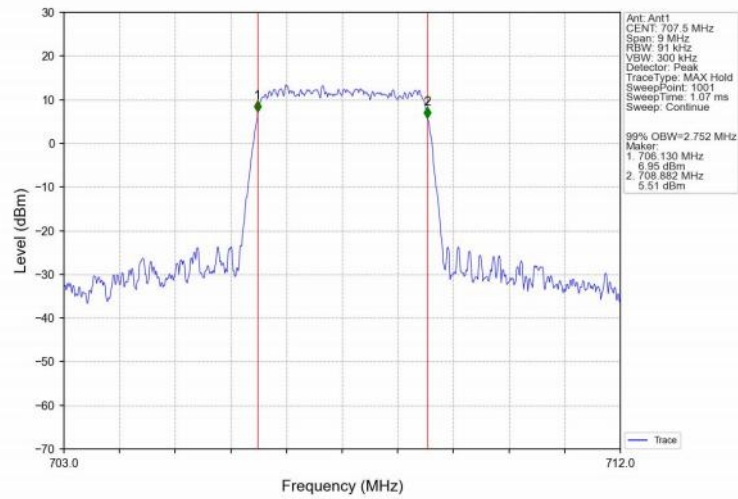
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



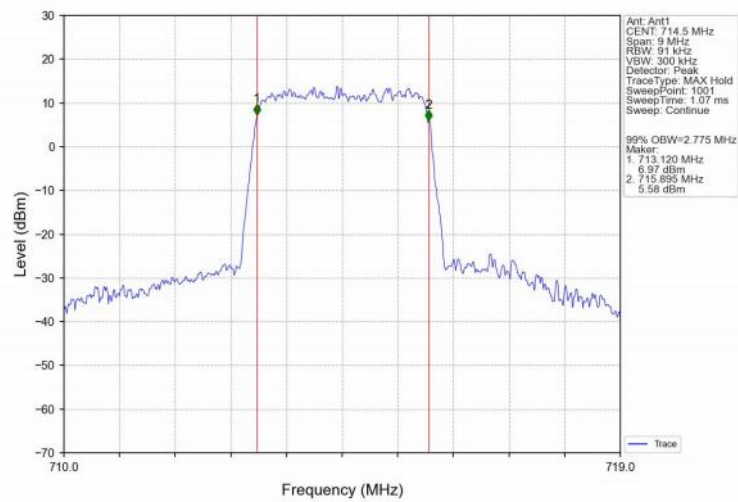
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



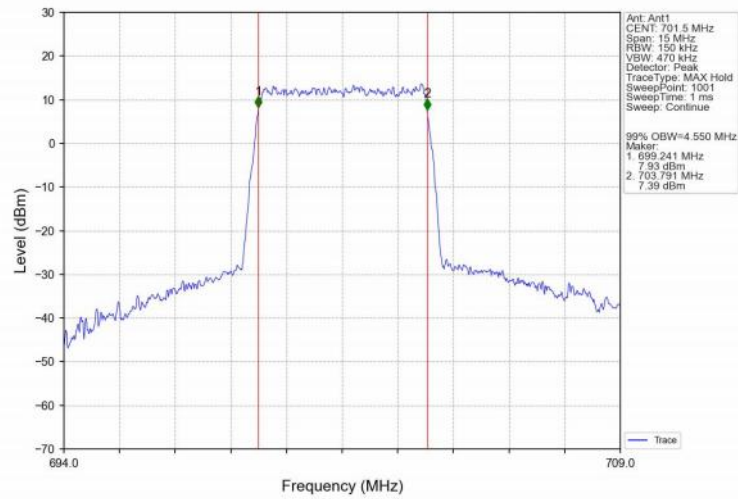
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



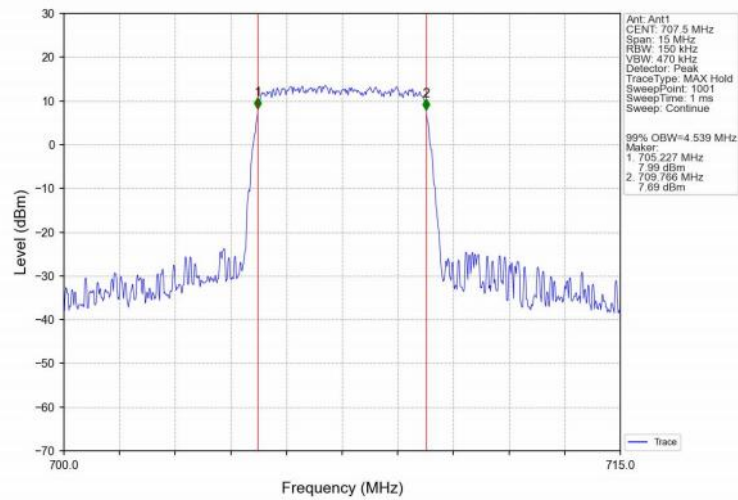
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



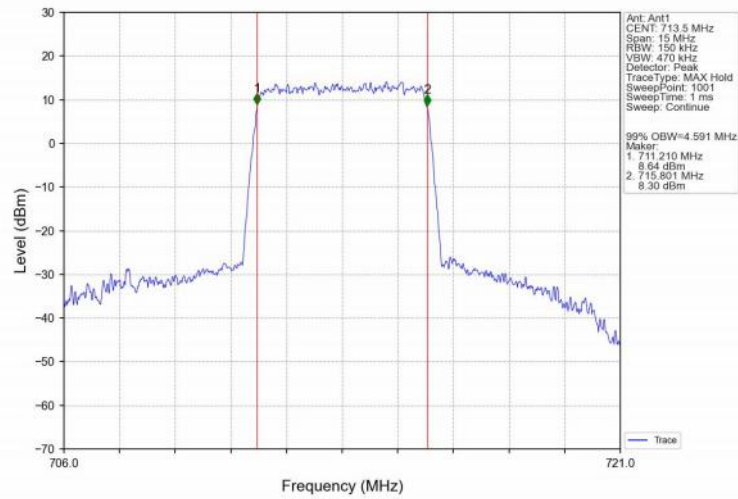
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



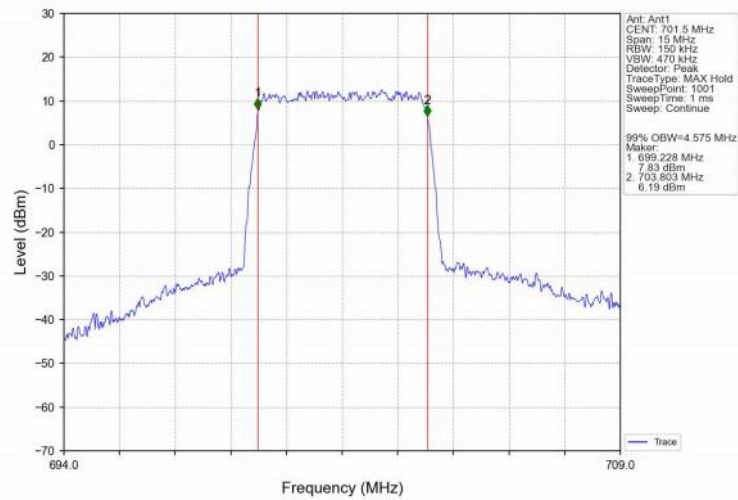
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



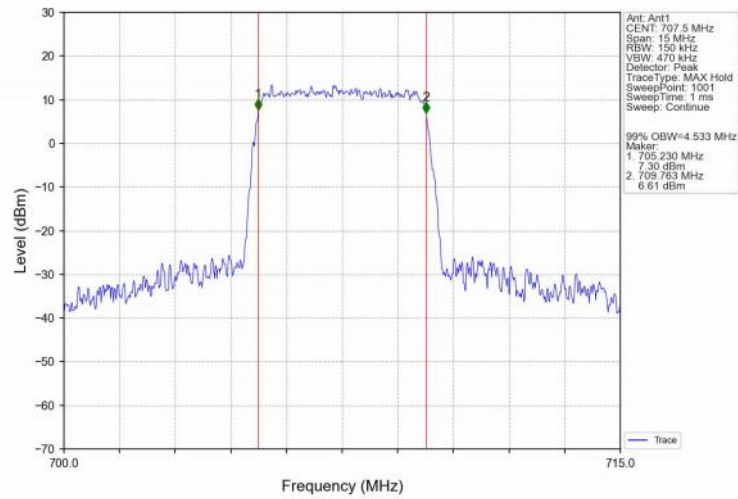
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



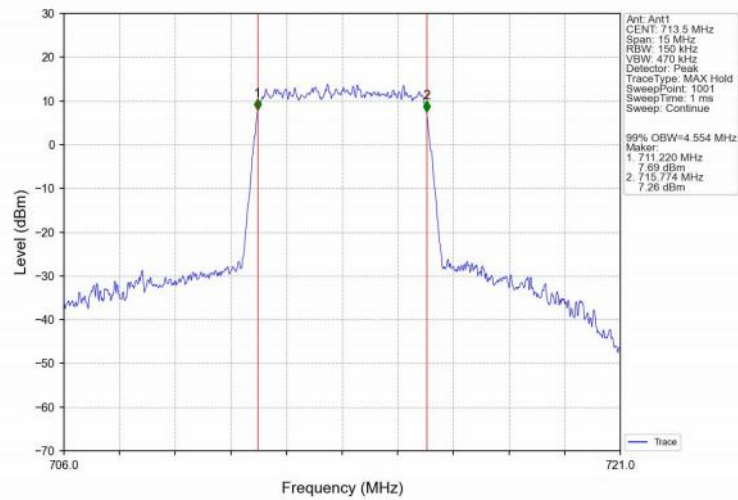
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



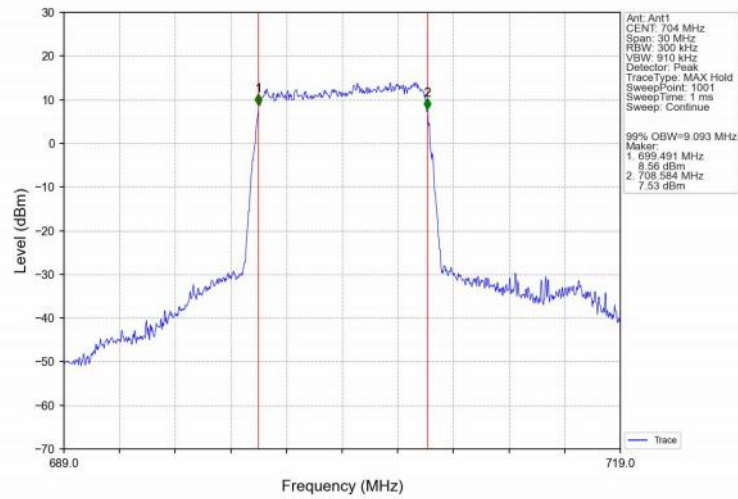
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



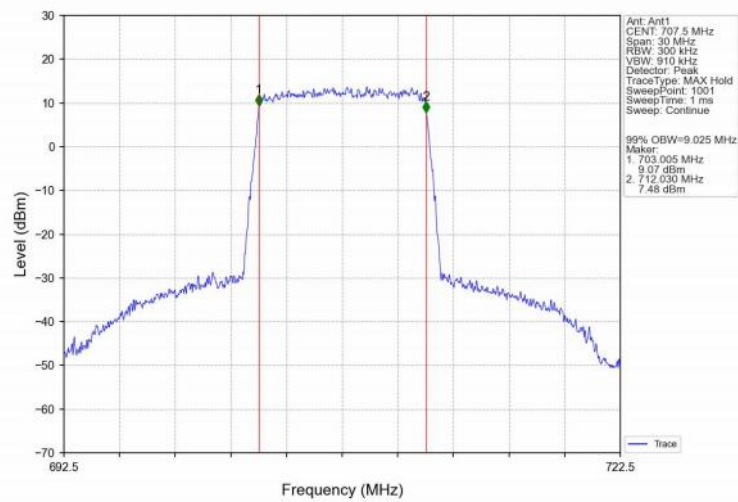
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



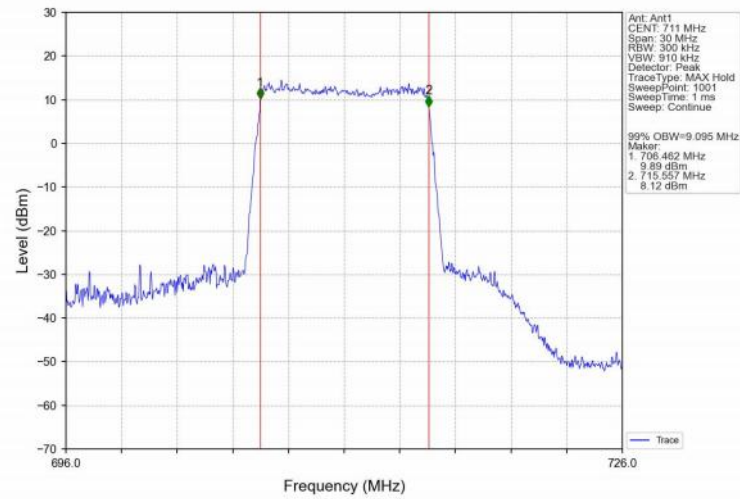
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



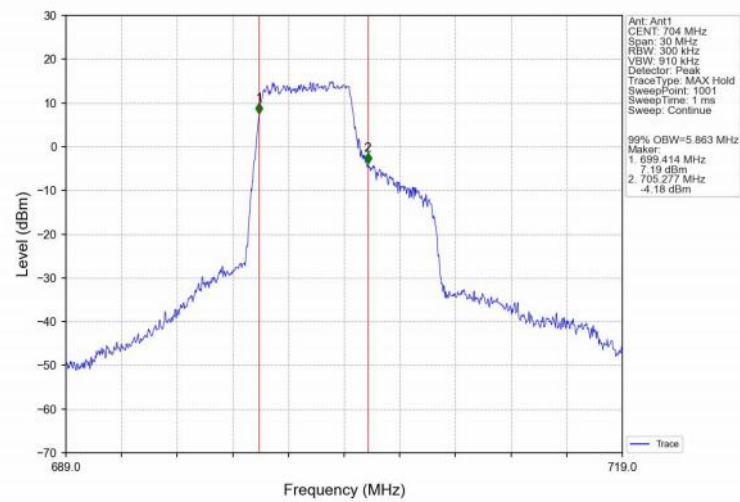
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



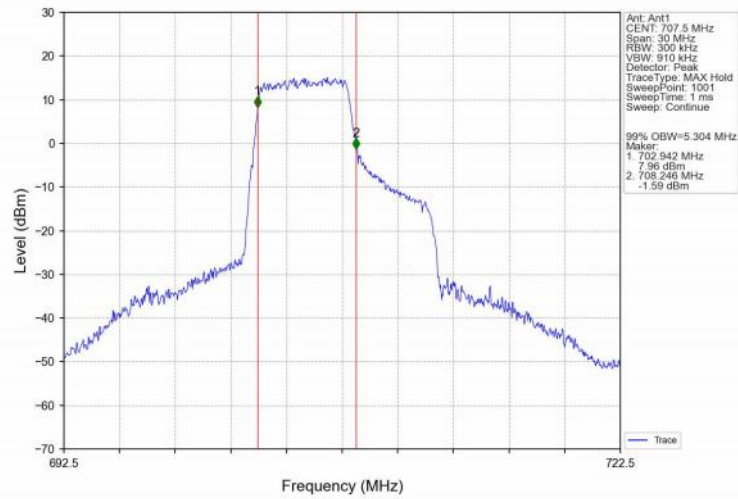
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



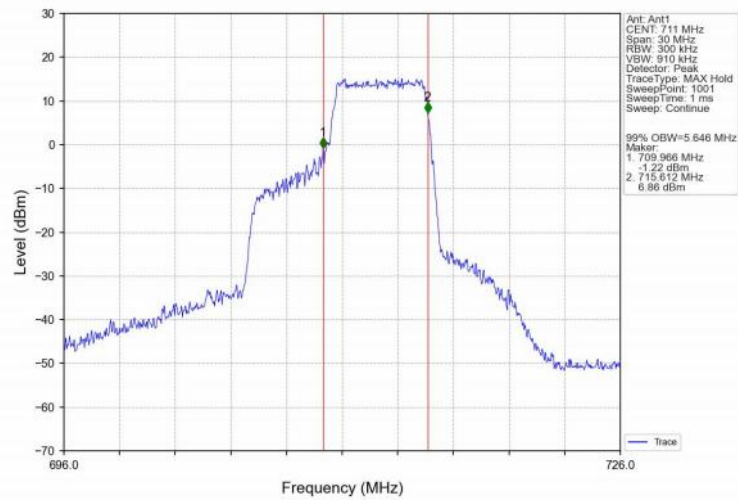
Band12_10MHz_16QAM_LCH_704MHz_RB_27_0_NTNV



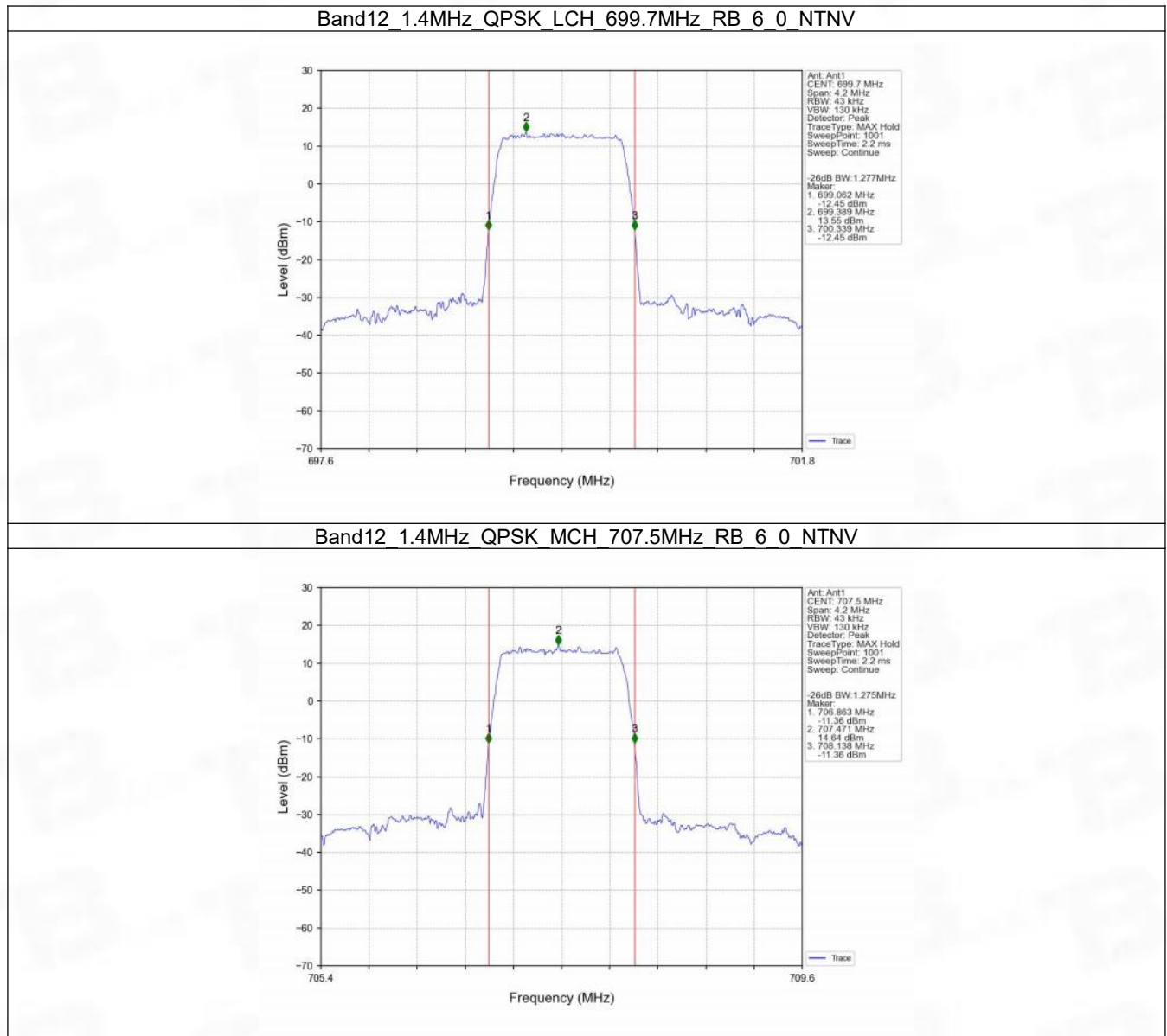
Band12_10MHz_16QAM_MCH_707.5MHz_RB_27_0_NTNV



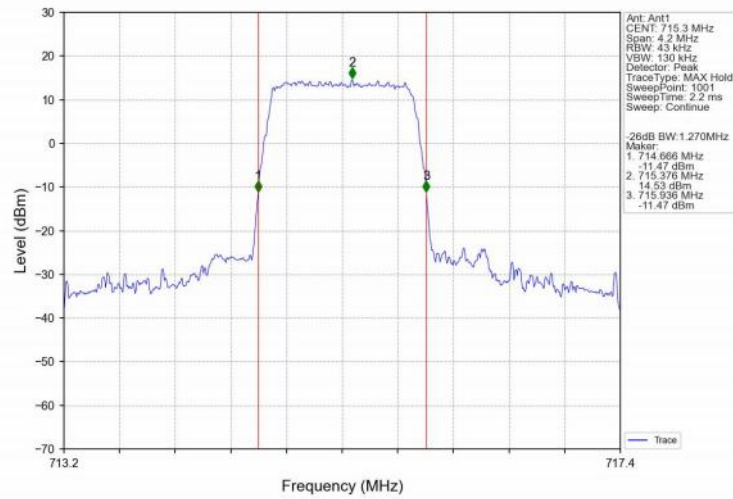
Band12_10MHz_16QAM_HCH_711MHz_RB_27_23_NTNV



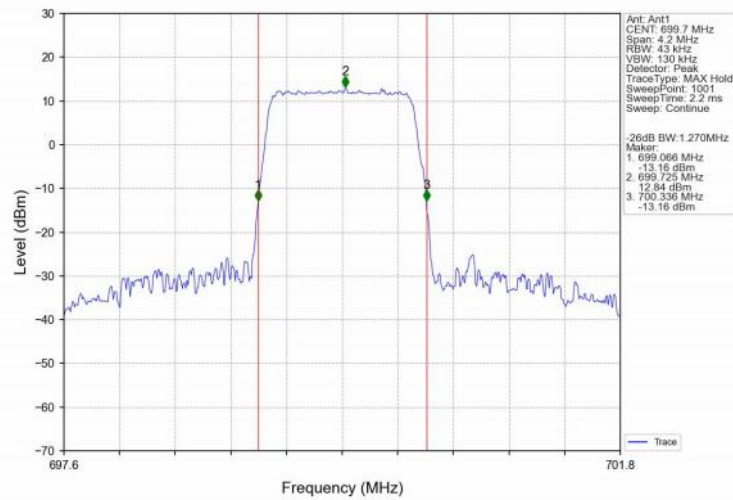
4.2.2 Band12_XDB



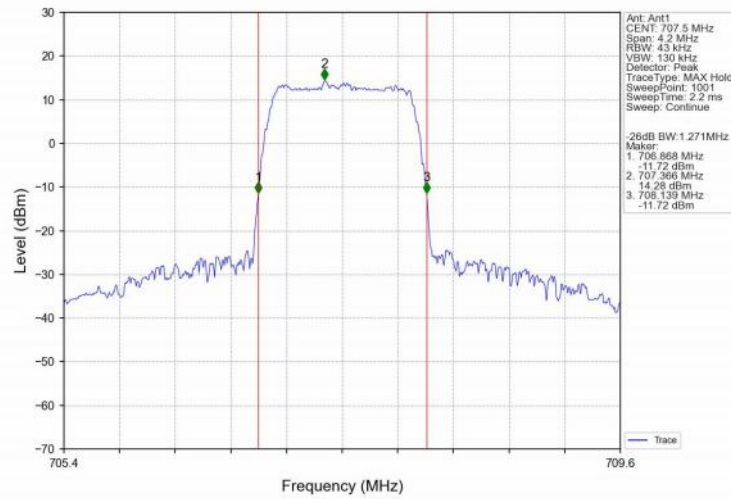
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



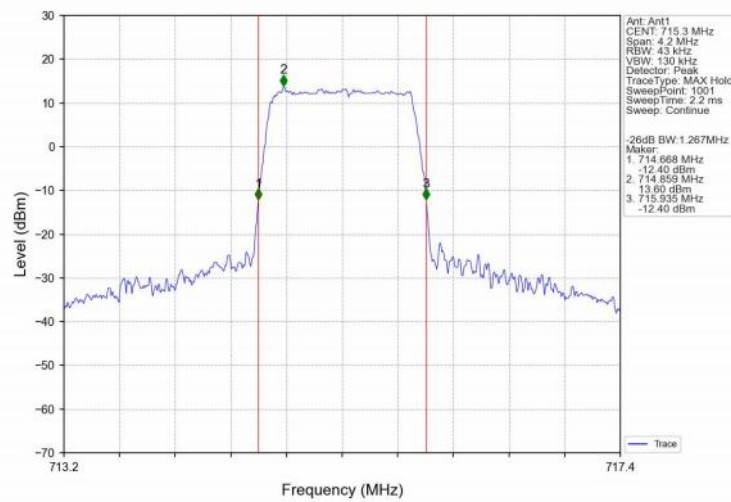
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



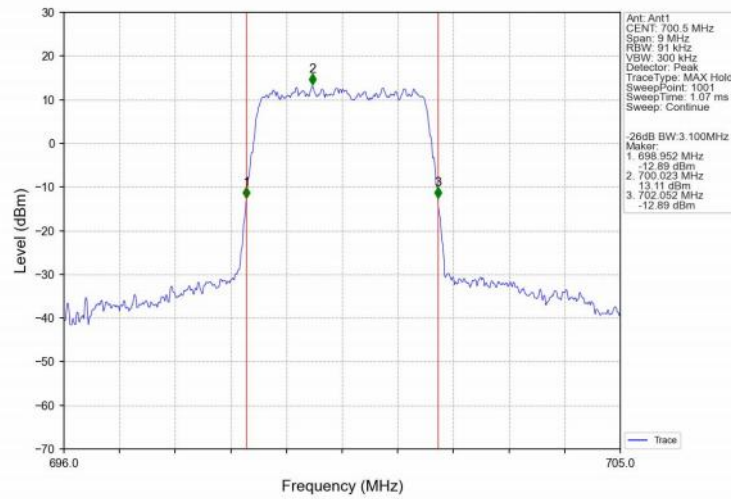
Band12 1.4MHz 16QAM MCH 707.5MHz RB 6 0 NTNV



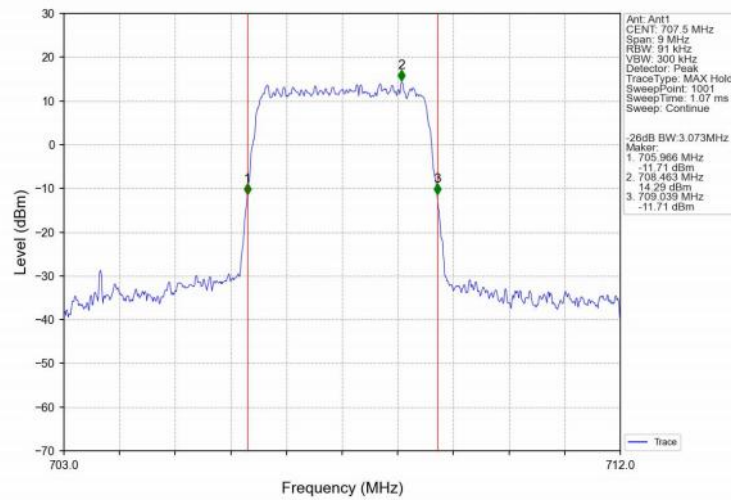
Band12 1.4MHz 16QAM HCH 715.3MHz RB 6 0 NTNV



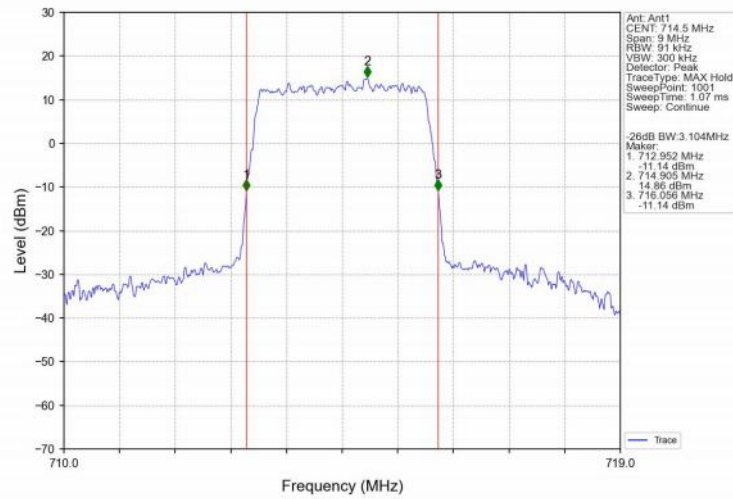
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



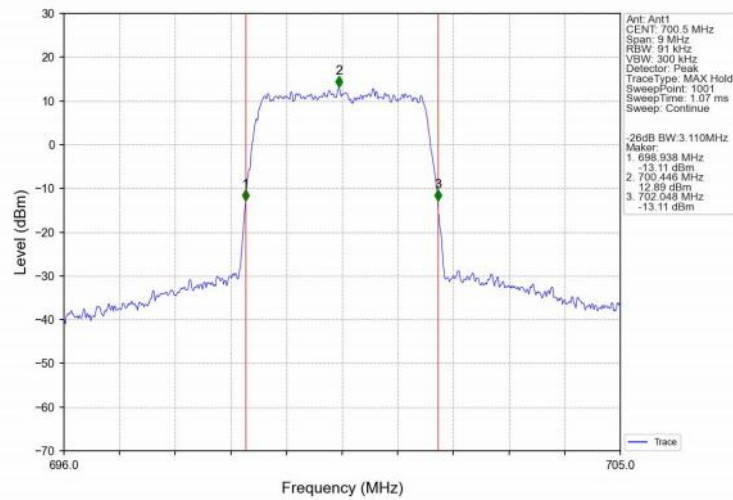
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



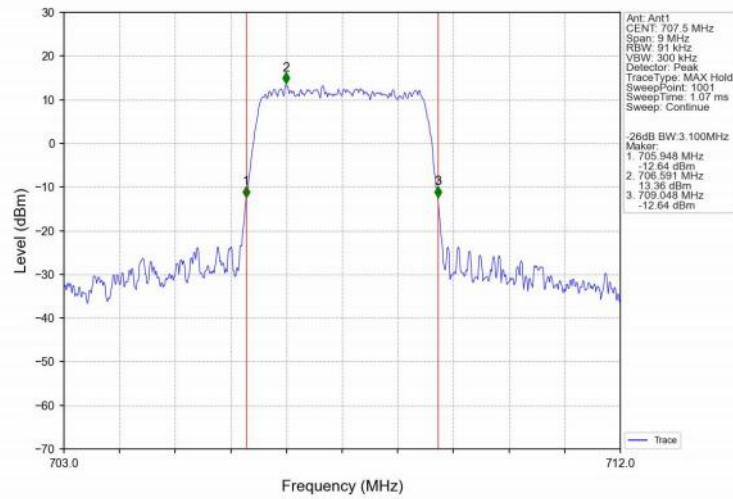
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



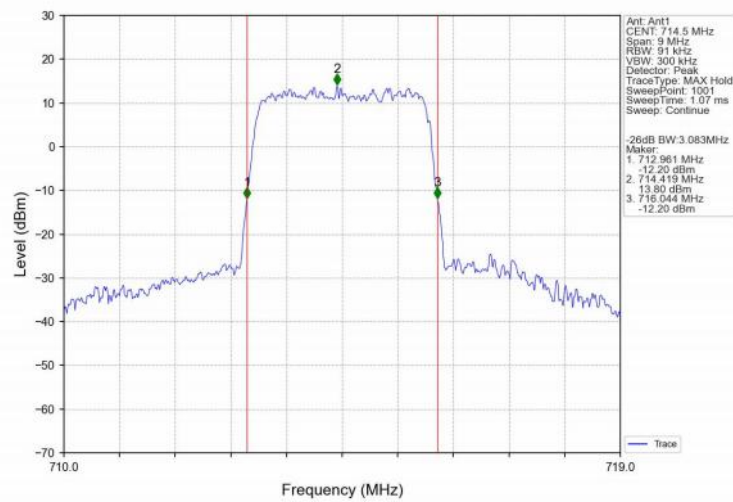
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



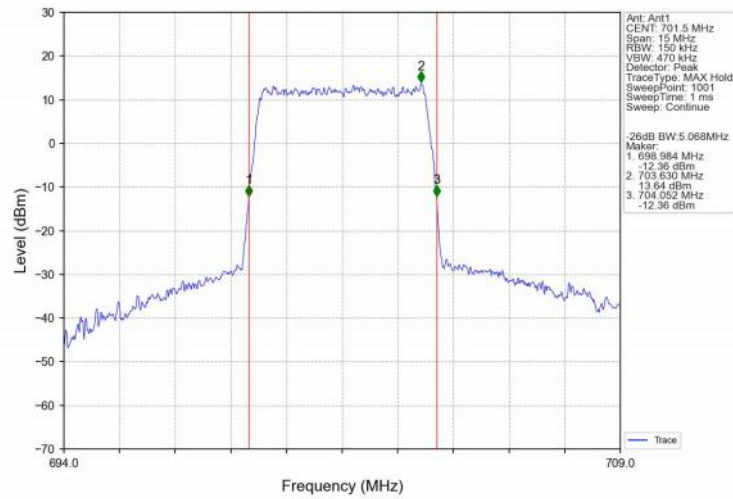
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



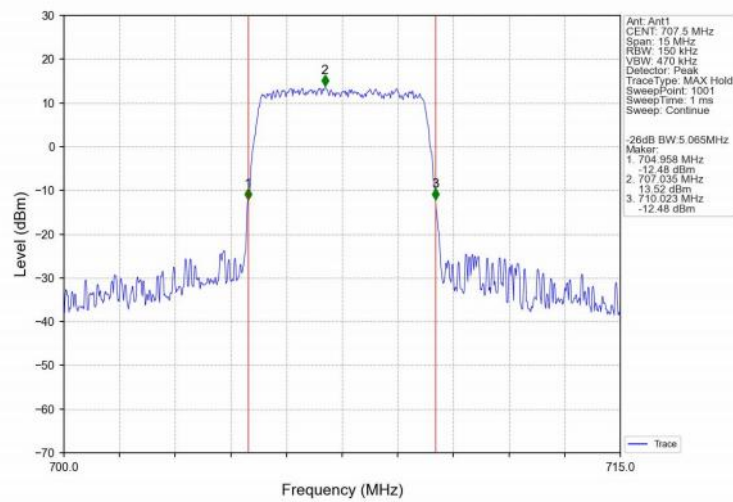
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



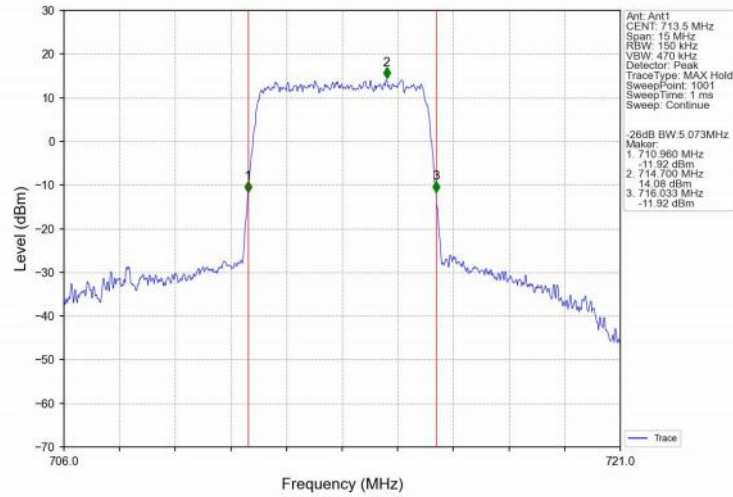
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



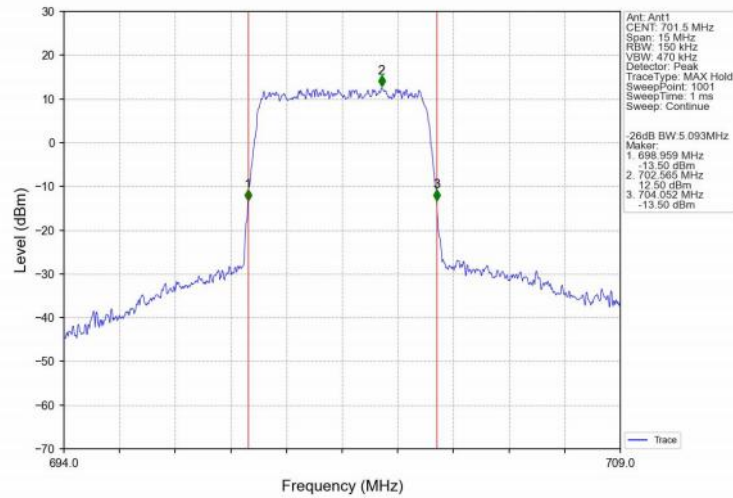
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



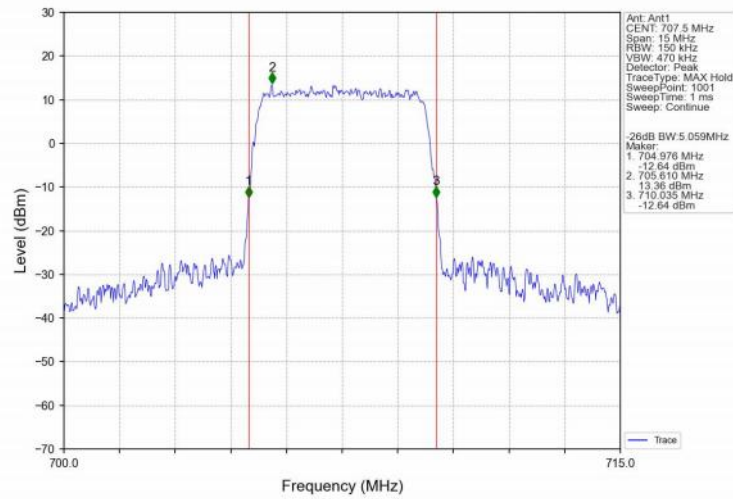
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



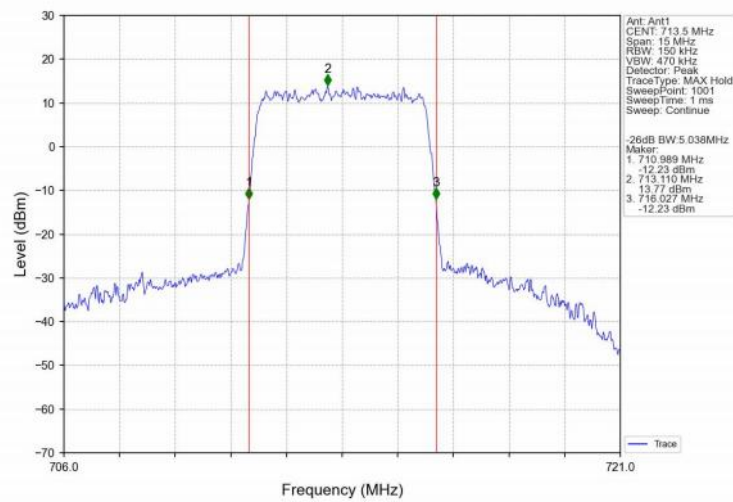
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



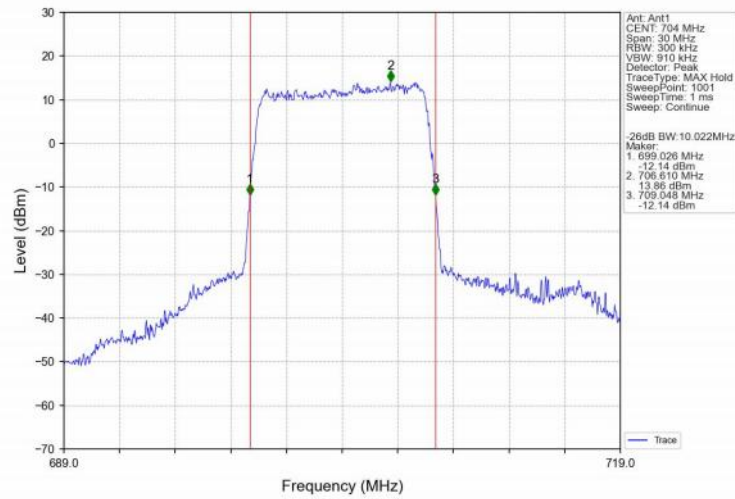
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



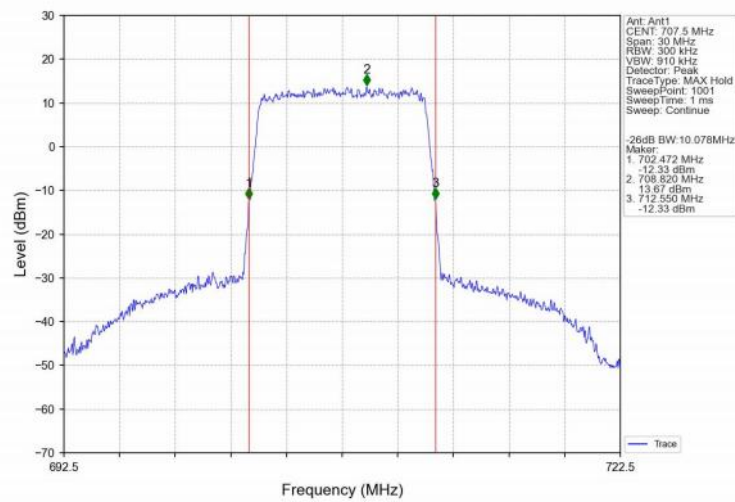
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



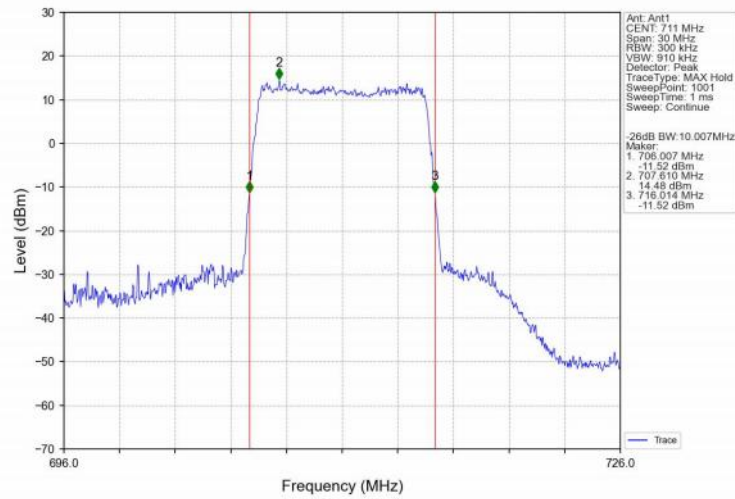
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



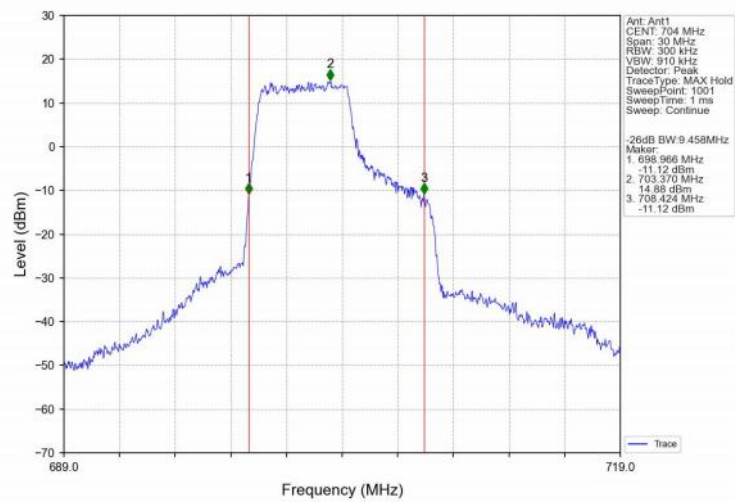
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



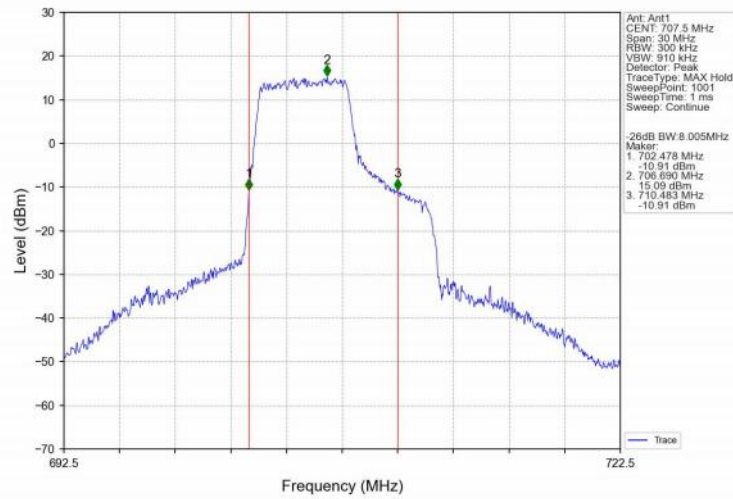
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



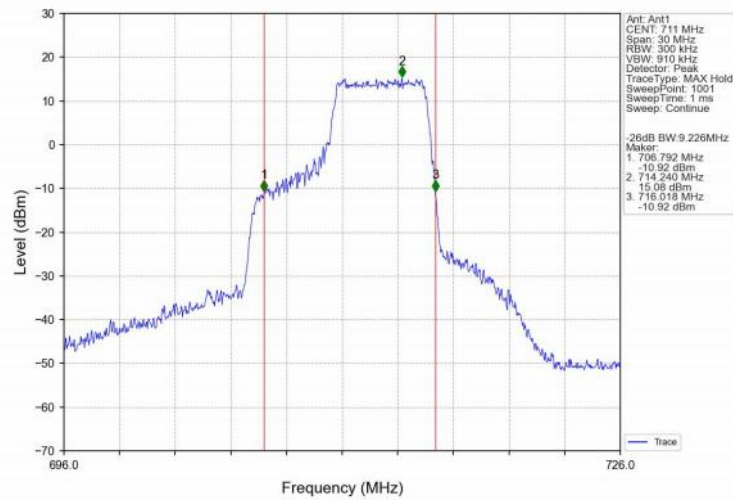
Band12_10MHz_16QAM_LCH_704MHz_RB_27_0_NTNV



Band12_10MHz_16QAM_MCH_707.5MHz_RB_27_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_27_23_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	5.95	<=13	Pass
	707.5	6	0	5.47	<=13	Pass
	715.3	6	0	4.75	<=13	Pass
16QAM	699.7	6	0	6.64	<=13	Pass
	707.5	6	0	6.17	<=13	Pass
	715.3	6	0	5.59	<=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	6.02	<=13	Pass
	707.5	15	0	5.58	<=13	Pass
	714.5	15	0	5.49	<=13	Pass
16QAM	700.5	15	0	6.80	<=13	Pass
	707.5	15	0	6.34	<=13	Pass
	714.5	15	0	6.39	<=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	6.00	<=13	Pass
	707.5	25	0	5.71	<=13	Pass
	713.5	25	0	5.76	<=13	Pass
16QAM	701.5	25	0	6.78	<=13	Pass
	707.5	25	0	6.41	<=13	Pass
	713.5	25	0	6.52	<=13	Pass

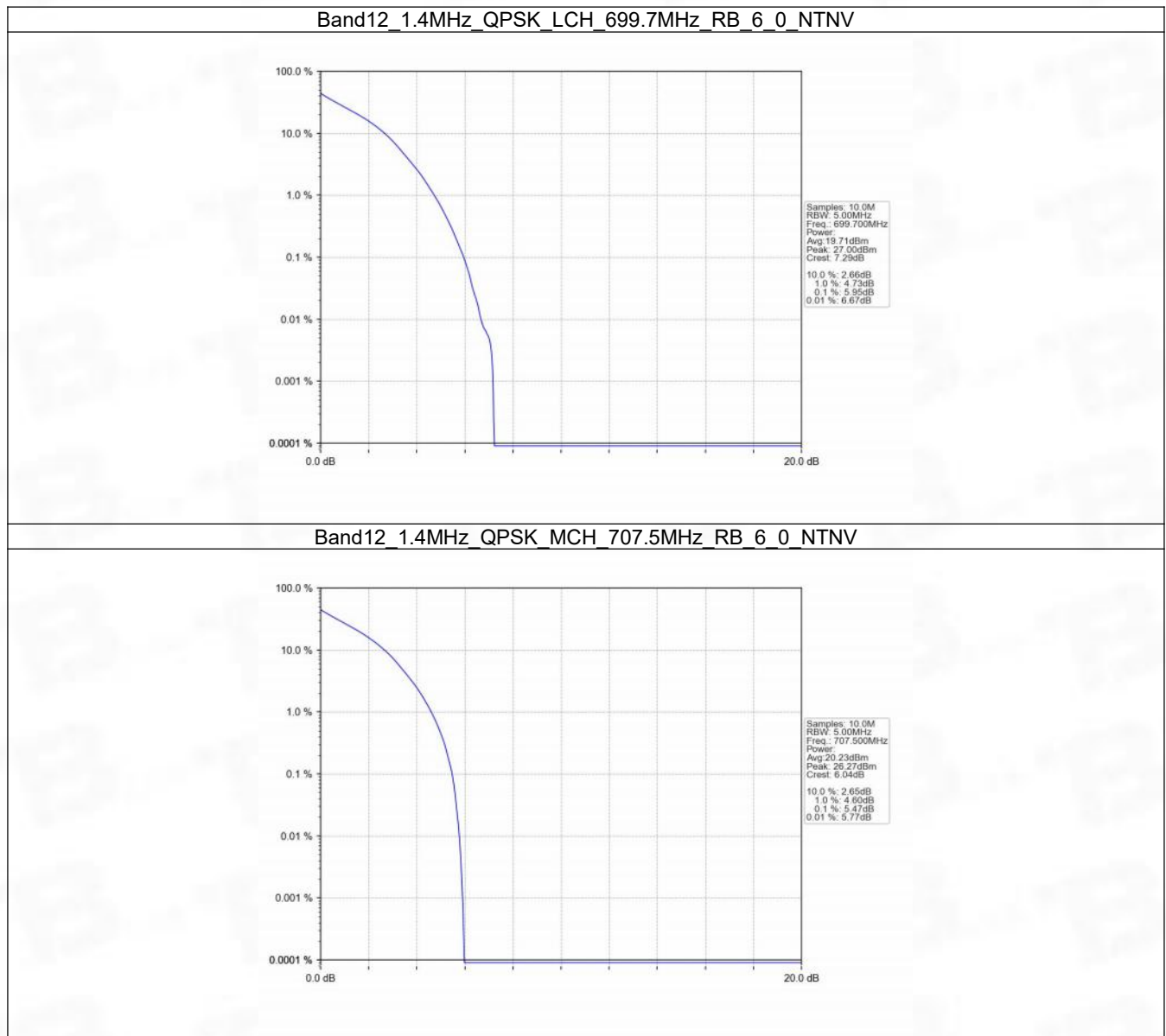
5.1.4 B12_10MHz

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	5.78	<=13	Pass
	711	50	0	5.86	<=13	Pass
16QAM	704	27	0	6.81	<=13	Pass
	707.5	27	0	6.63	<=13	Pass

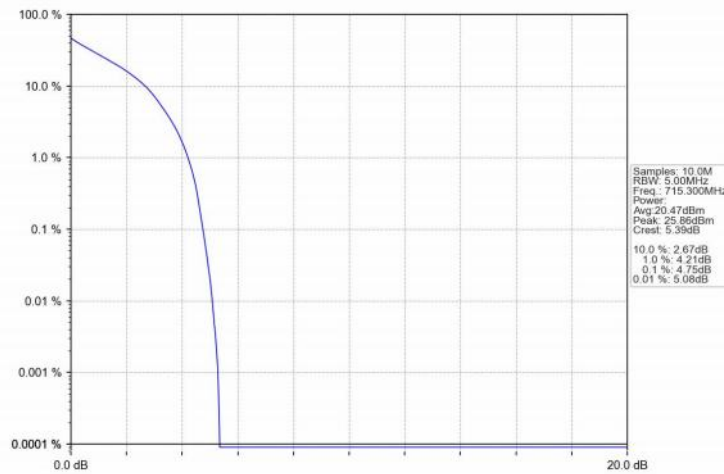
	711	27	23	6.60	<=13	Pass
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5.2 Test Graph

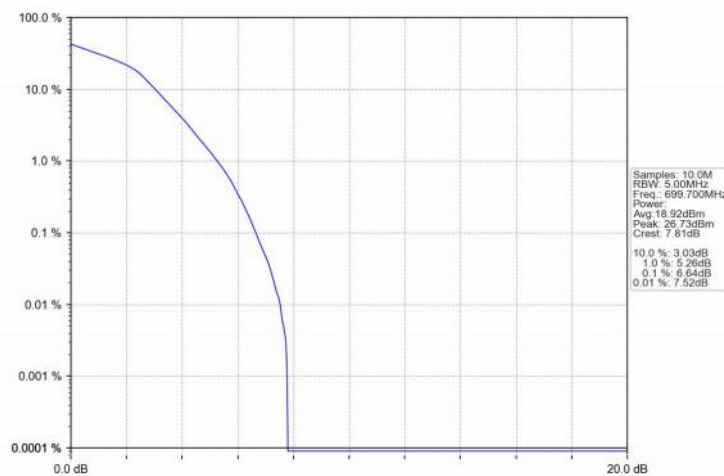
5.2.1 B12_1.4MHz



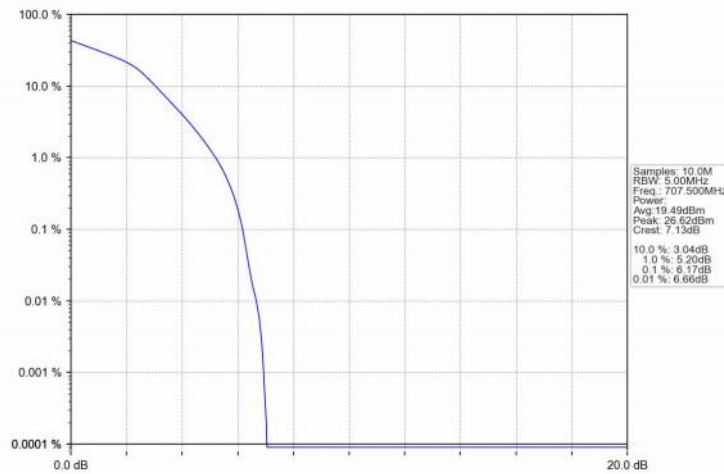
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



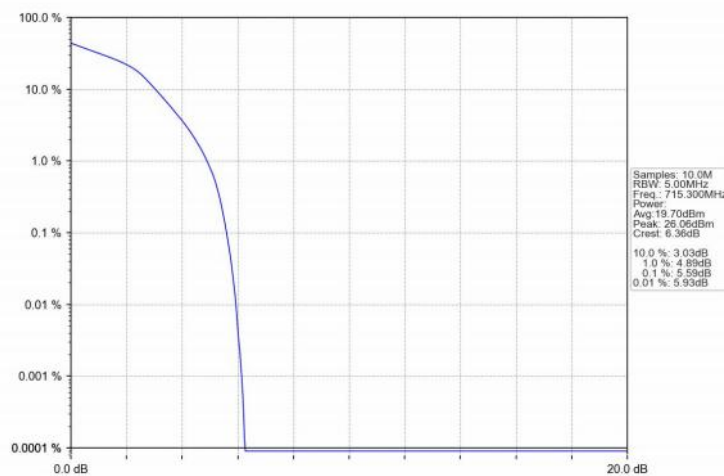
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



Band12 1.4MHz 16QAM MCH 707.5MHz RB 6 0 NTNV

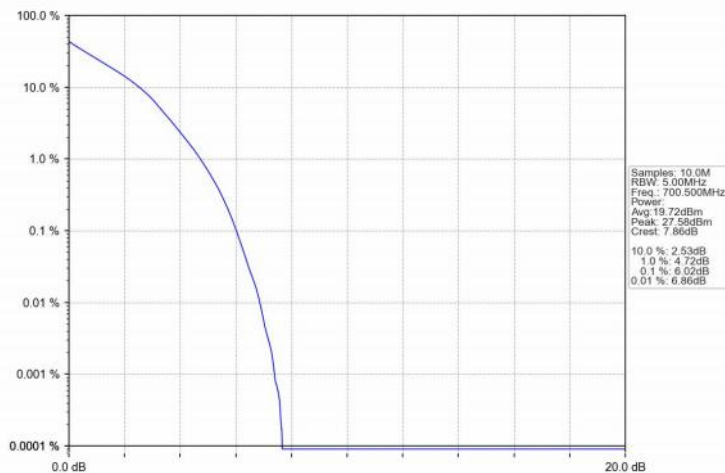


Band12 1.4MHz 16QAM HCH 715.3MHz RB 6 0 NTNV

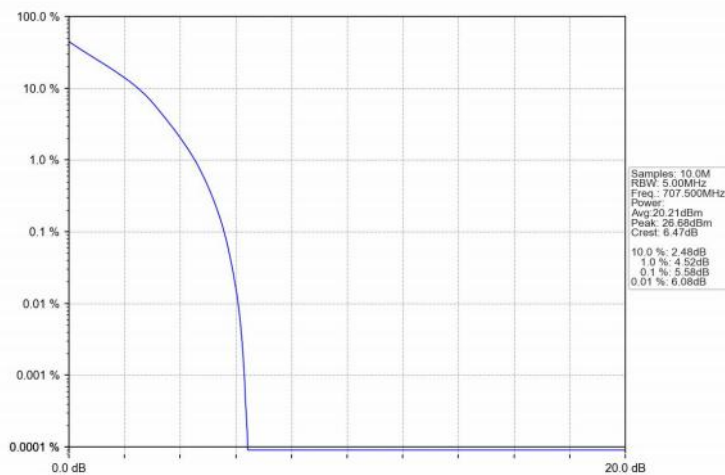


5.2.2 B12_3MHz

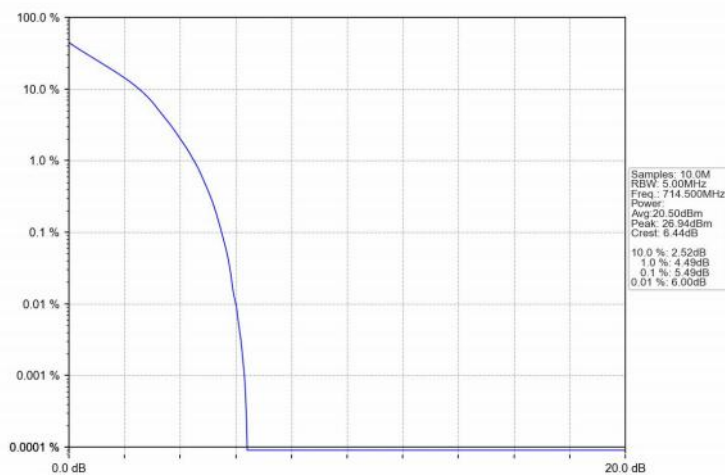
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



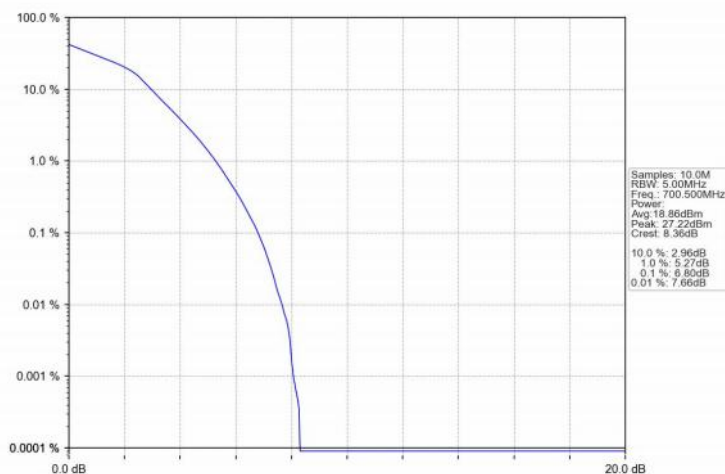
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



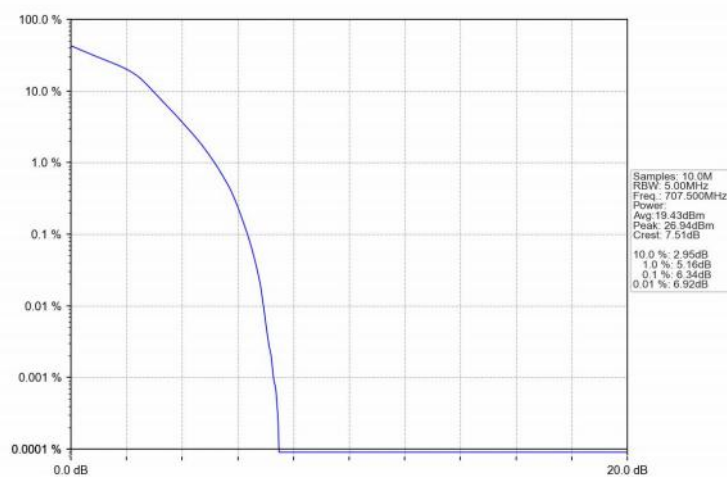
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



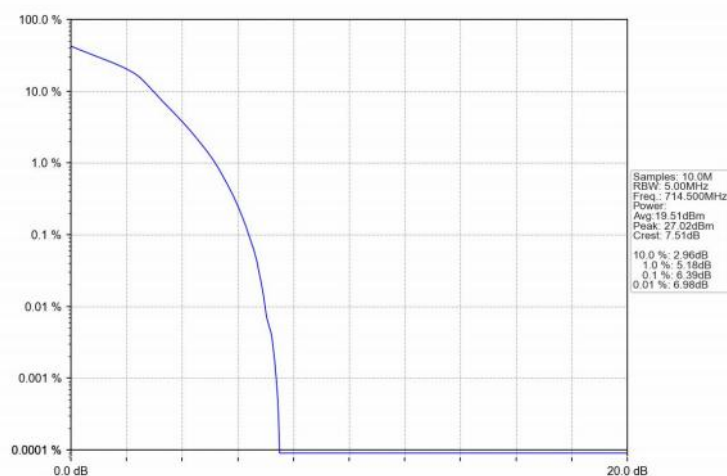
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV

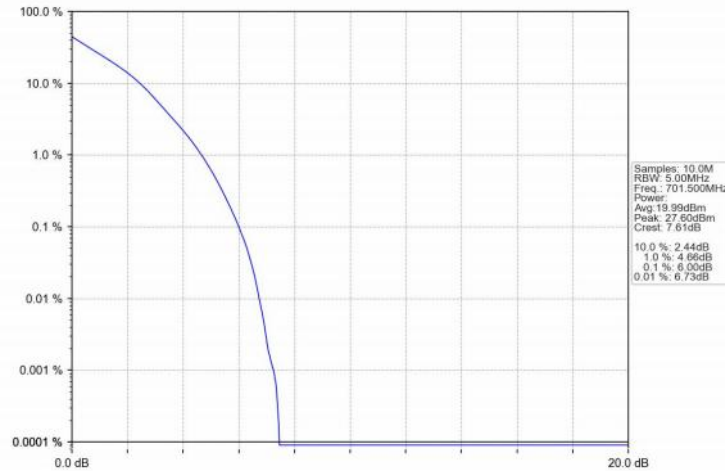


Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV

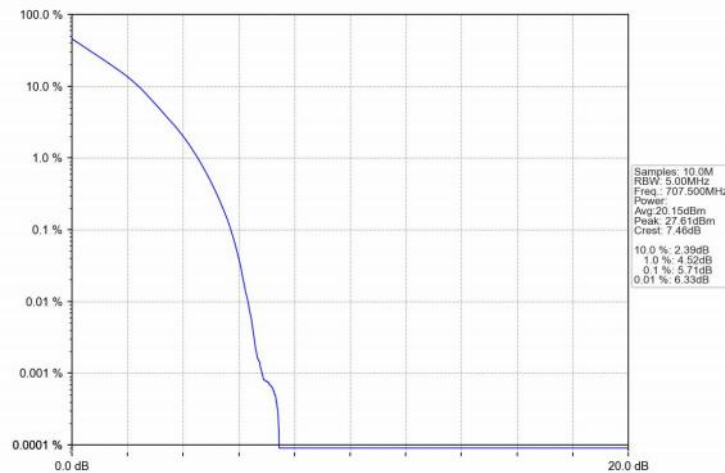


5.2.3 B12_5MHz

Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



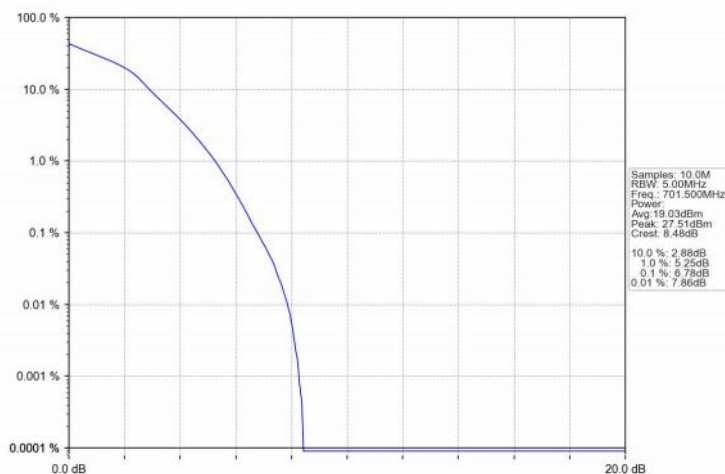
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



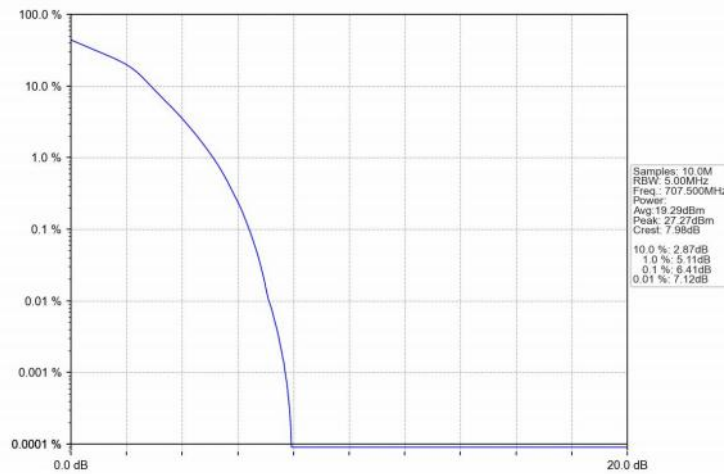
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



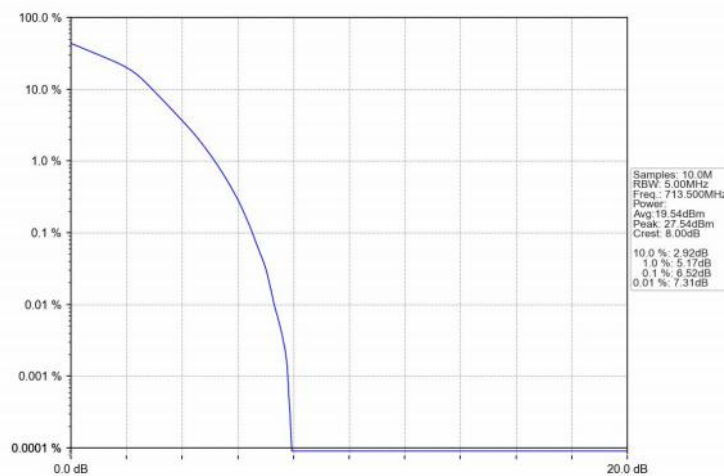
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV

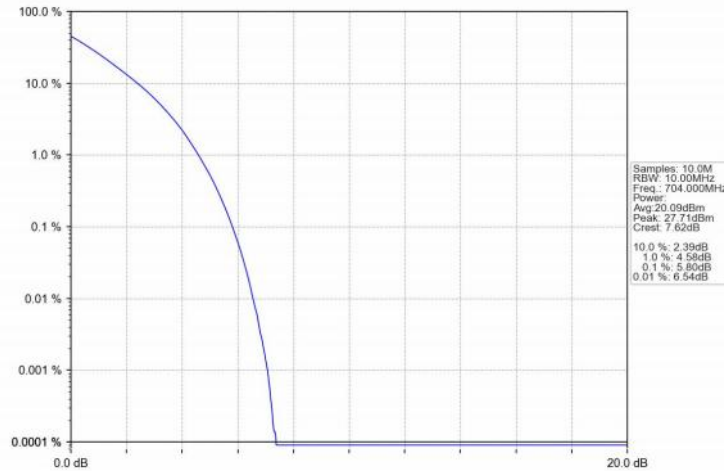


Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV

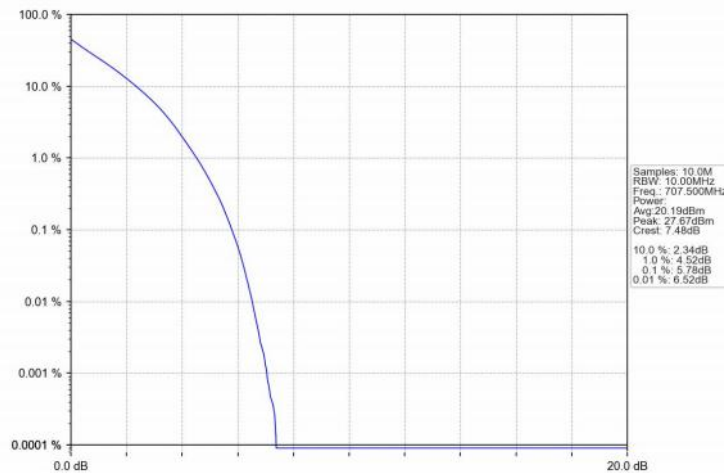


5.2.4 B12_10MHz

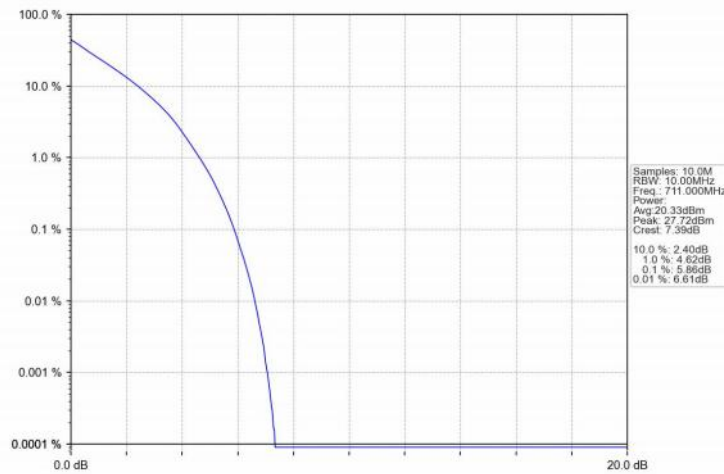
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



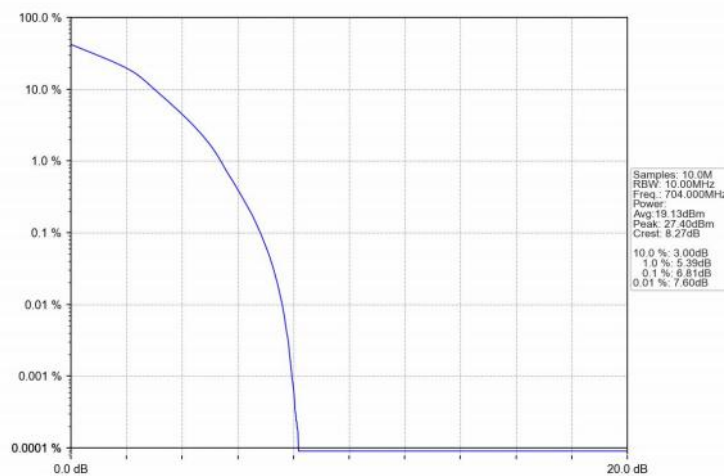
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



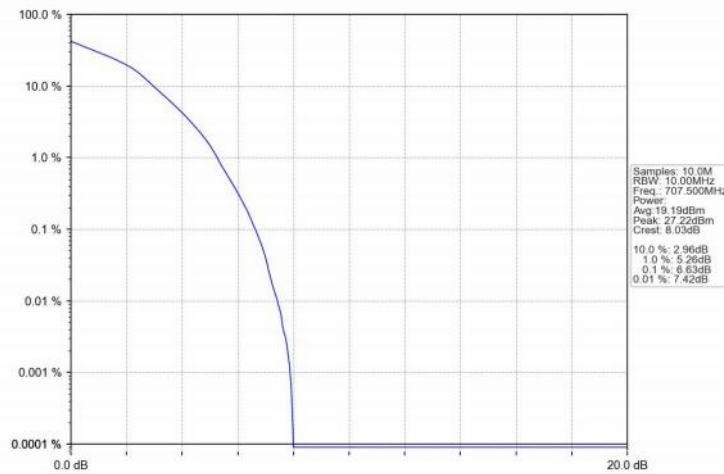
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



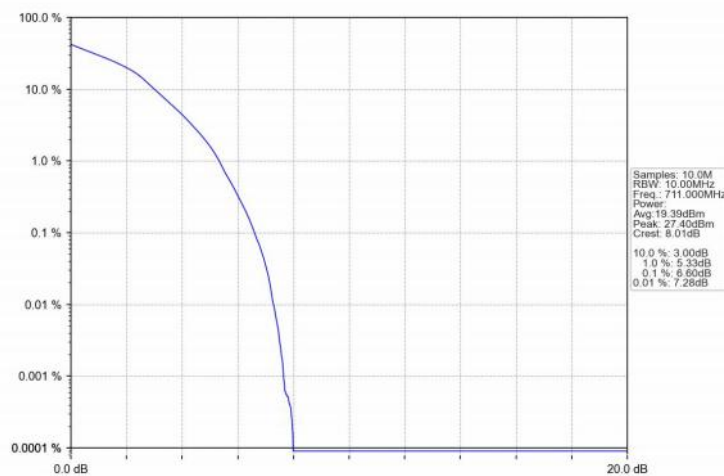
Band12_10MHz_16QAM_LCH_704MHz_RB_27_0_NTNV



Band12_10MHz_16QAM_MCH_707.5MHz_RB_27_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_27_23_NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 B12_1.4MHz

Band: 12 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	699.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
	715.3	1	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
		1	0	Refer To Test Graph		Pass
	715.3	1	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
	714.5	1	0	Refer To Test Graph		Pass
		1	14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
16QAM	700.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
	714.5	1	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
		1	0	Refer To Test Graph		Pass
	713.5	1	24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	701.5	1	0	Refer To Test Graph		Pass

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

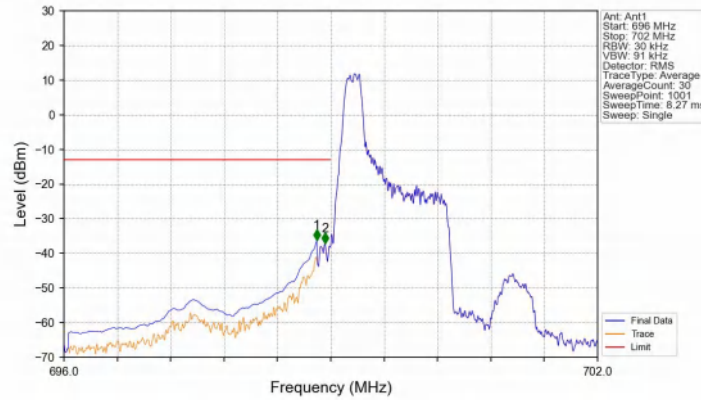
6.1.4 B12_10MHz

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

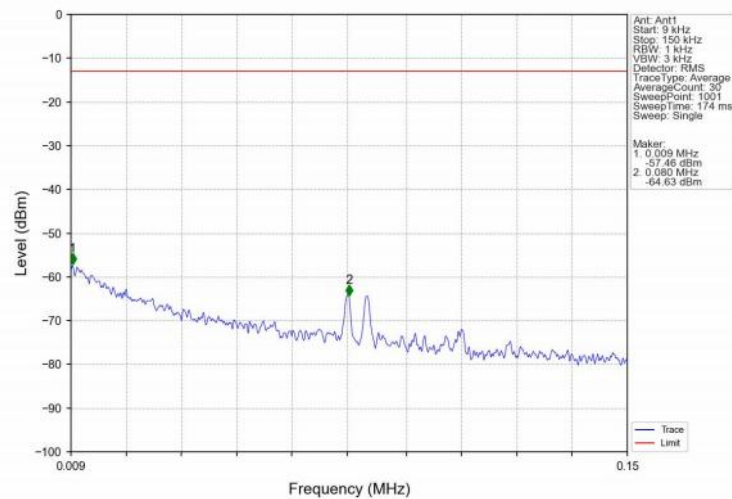
6.2 Test Graph

6.2.1 B12_1.4MHz

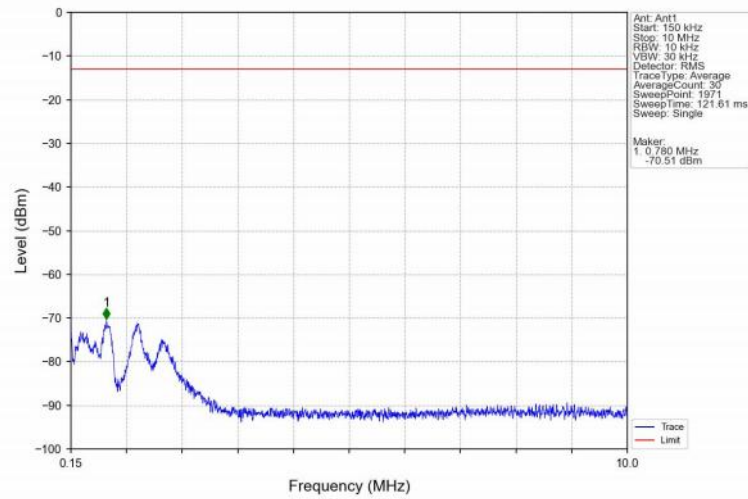
Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_1_0_NTNV



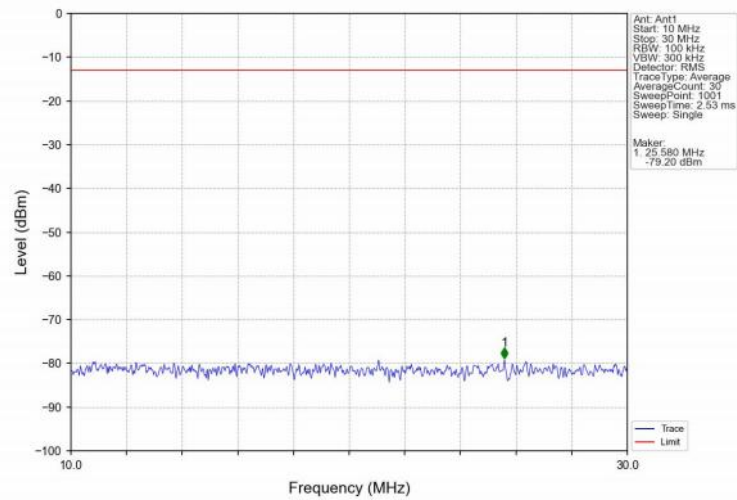
Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_1_0_NTNV



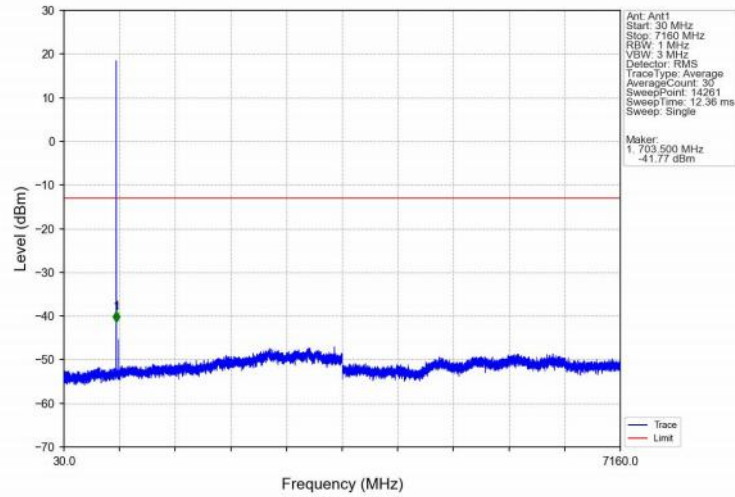
Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_1_0_NTNV



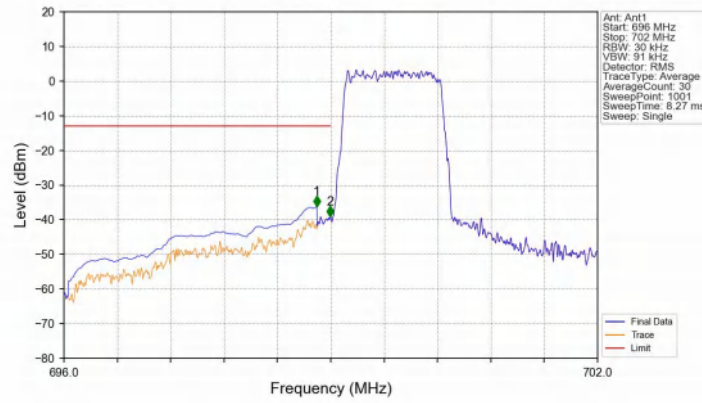
Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_1_0_NTNV



Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_1_0_NTNV

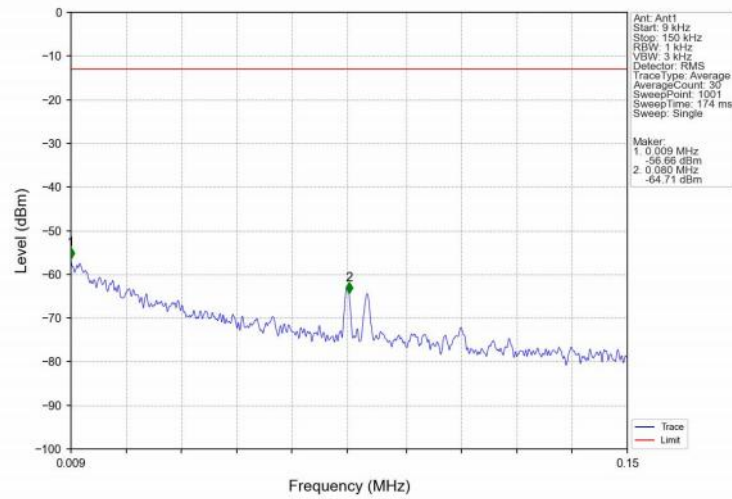


Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV

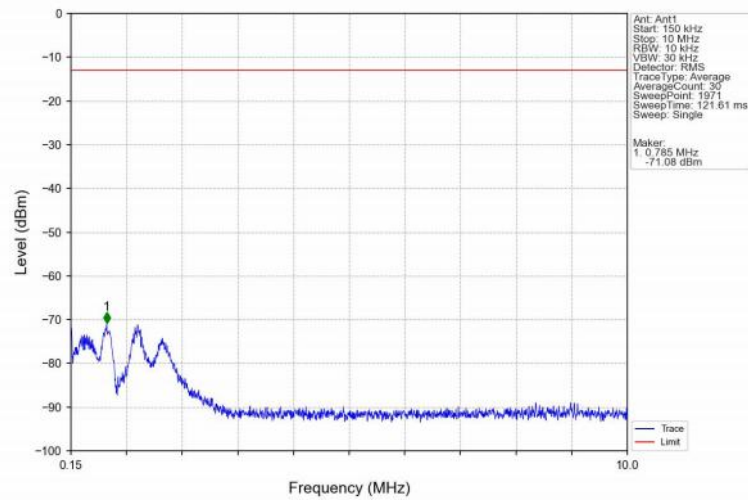


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-36.17	-13	Pass
698.9	699	0.03	/	2	698.994	-39.18	-13	Pass
699	702	0.03	/	/	/	/	/	/

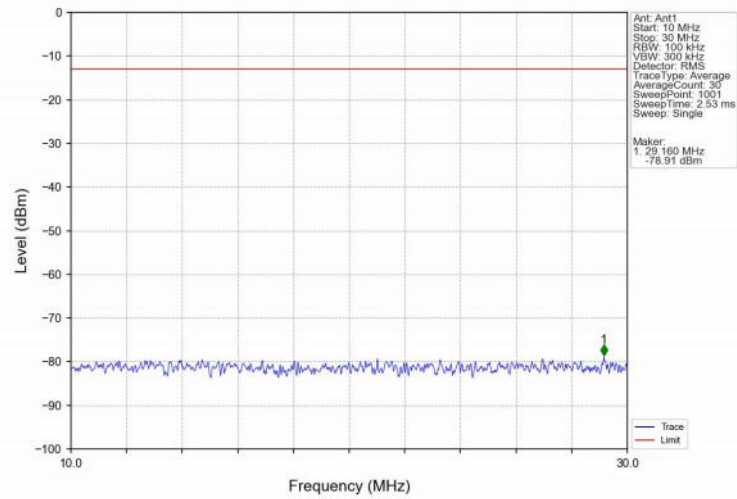
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



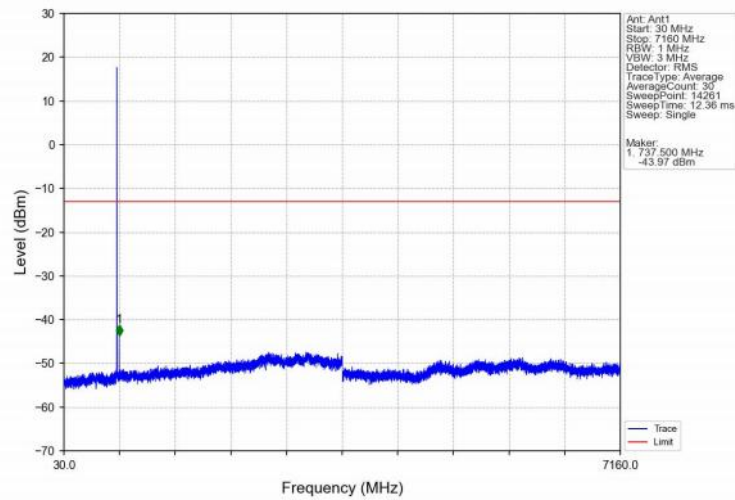
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



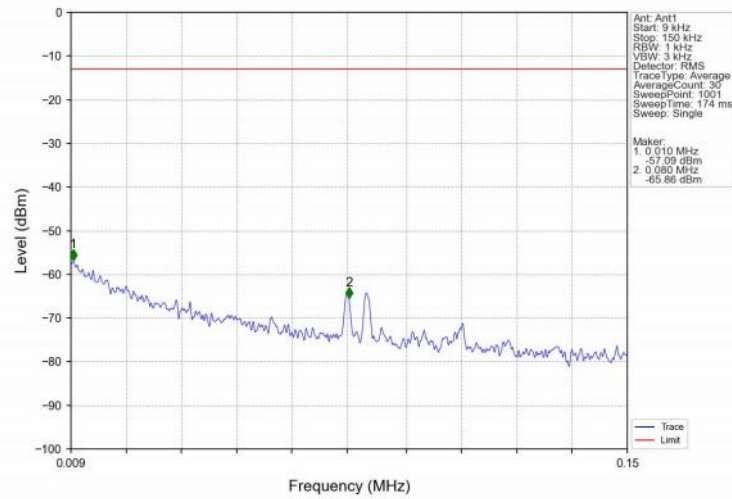
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



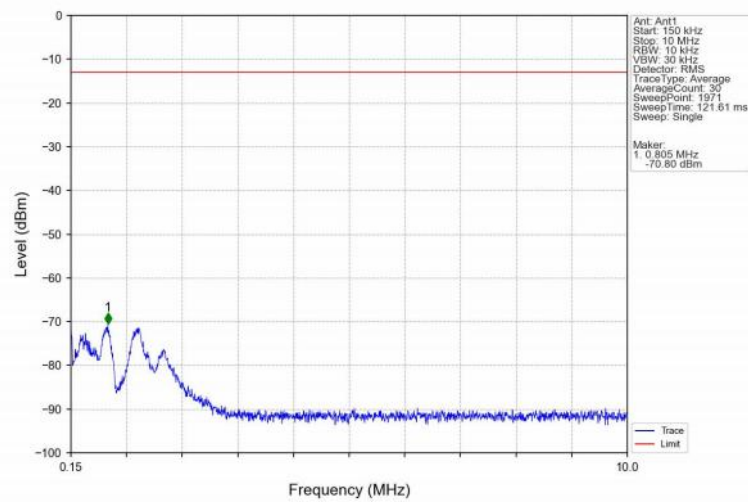
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



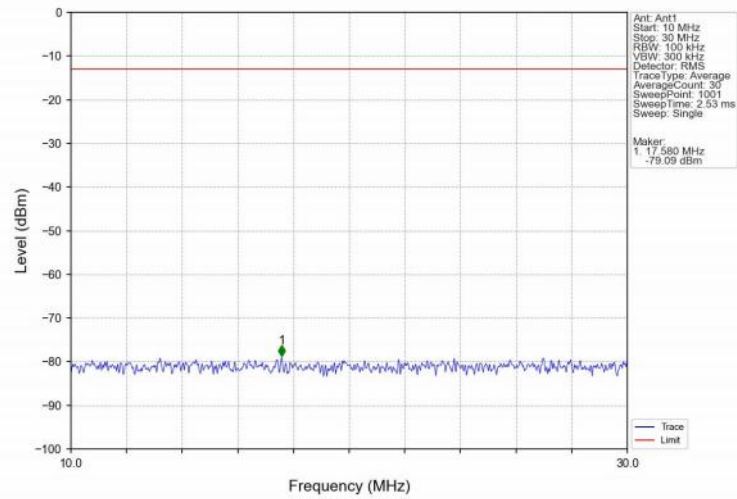
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_0_NTNV



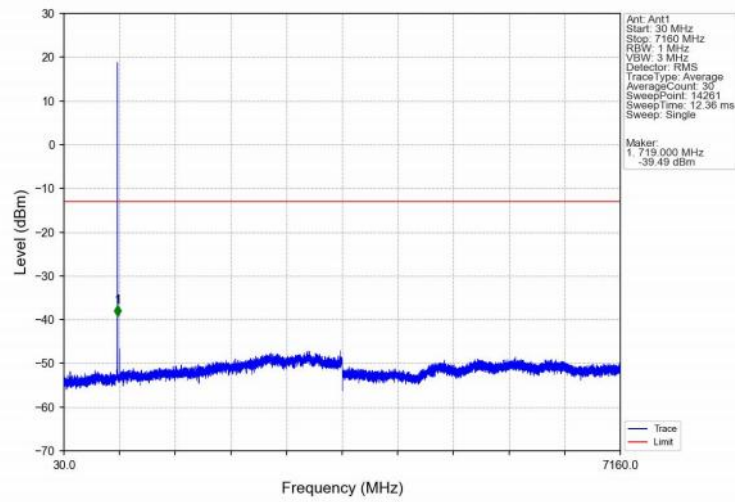
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_0_NTNV



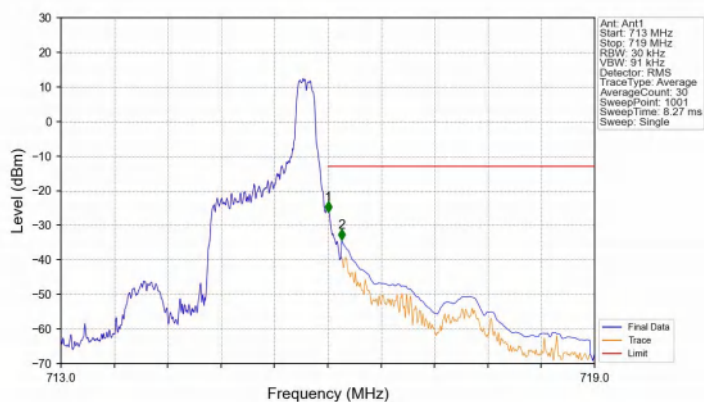
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_0_NTNV



Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_0_NTNV

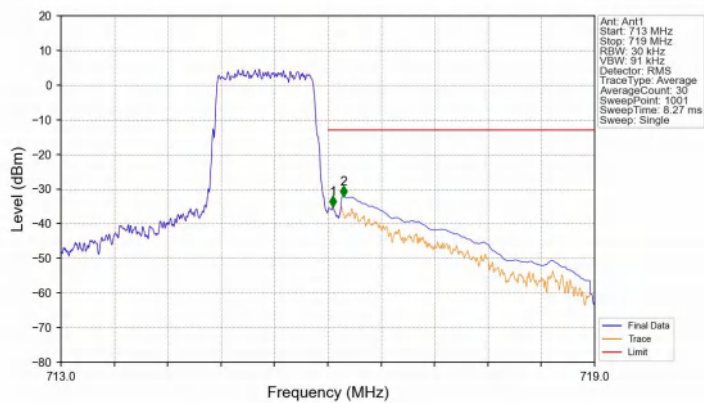


Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_5_NTNV



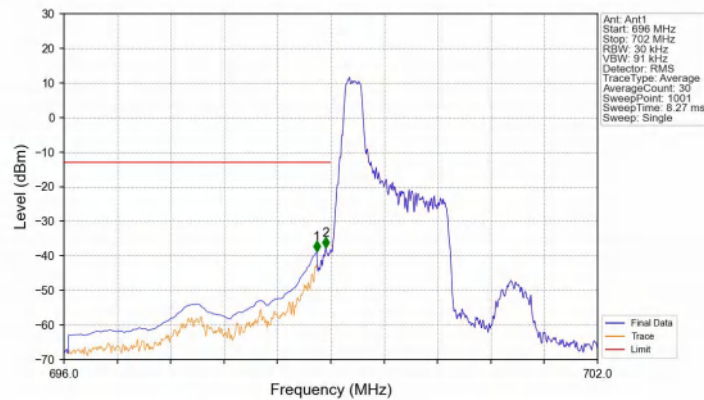
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.006	-26.29	-13	Pass
716.1	719	0.1	CHP	2	716.156	-34.25	-13	Pass

Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



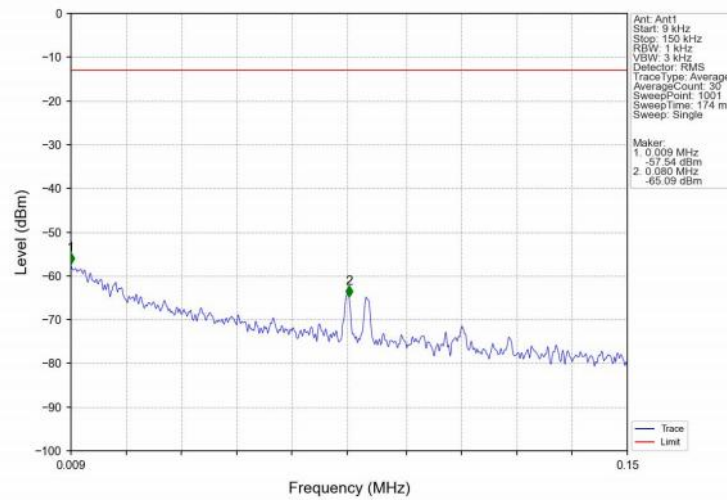
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.060	-35.12	-13	Pass
716.1	719	0.1	CHP	2	716.180	-32.18	-13	Pass

Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_1_0_NTNV

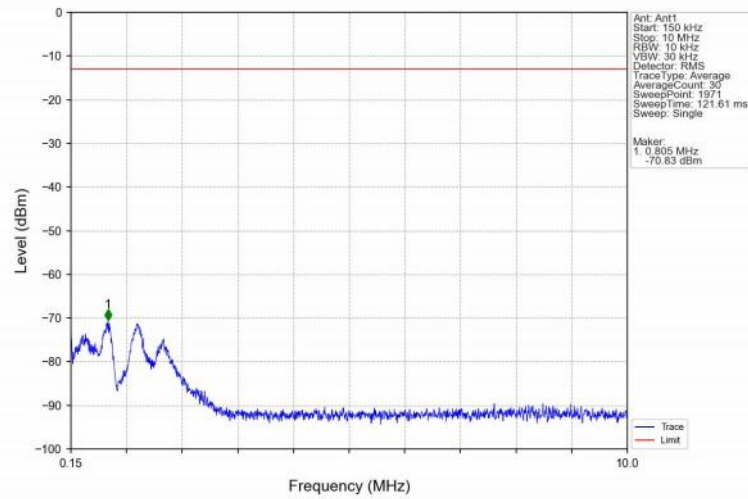


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-38.77	-13	Pass
698.9	699	0.03	/	2	698.946	-37.64	-13	Pass
699	702	0.03	/	/	/	/	/	/

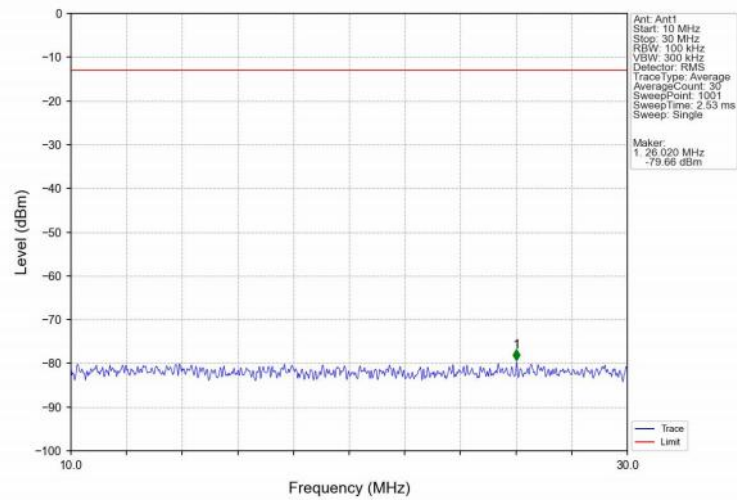
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_1_0_NTNV



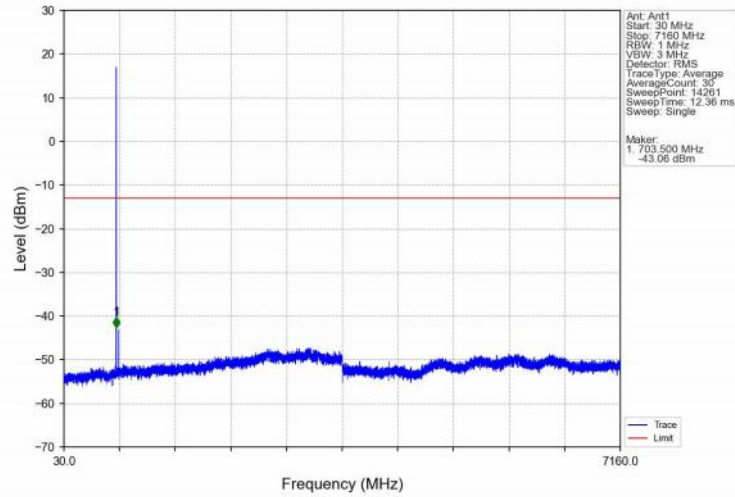
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_1_0_NTNV



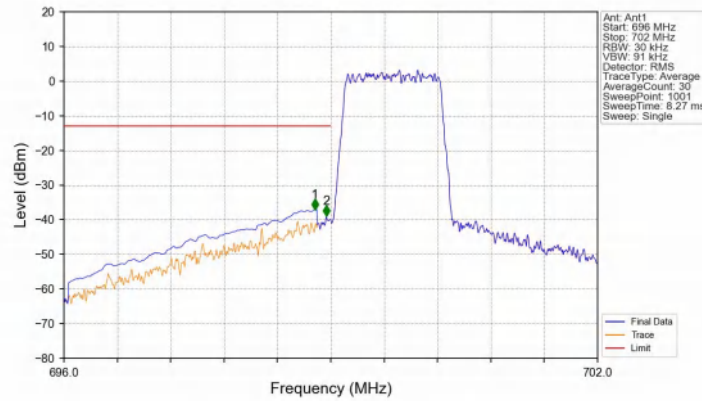
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_1_0_NTNV



Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_1_0_NTNV

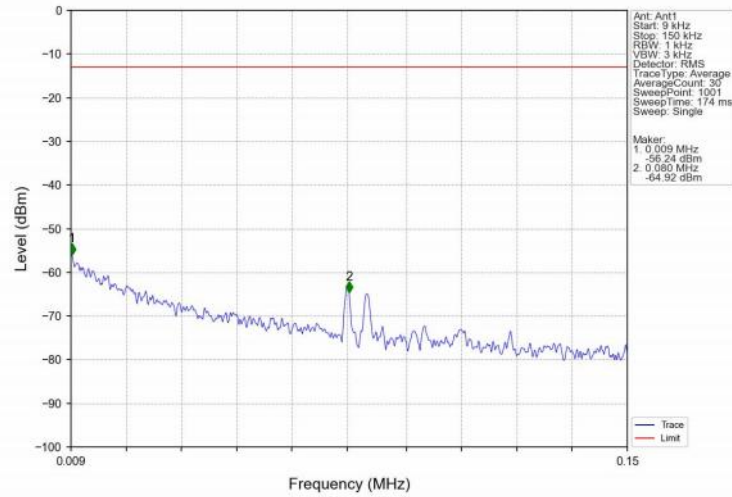


Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV

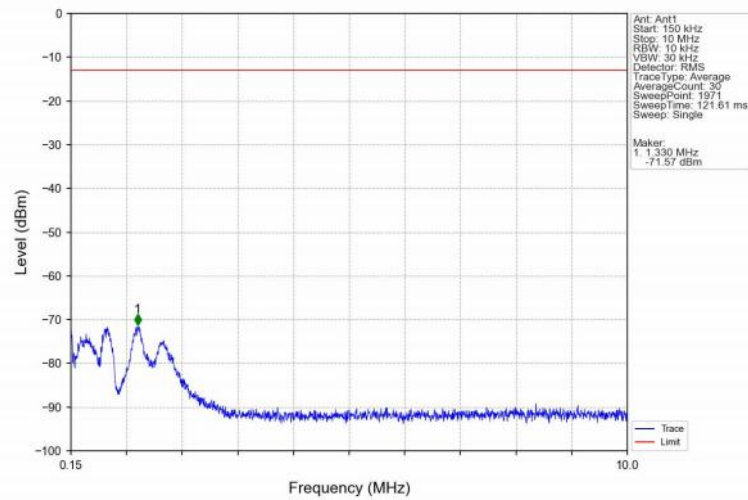


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.820	-37.08	-13	Pass
698.9	699	0.03	/	2	698.952	-39.02	-13	Pass
699	702	0.03	/	/	/	/	/	/

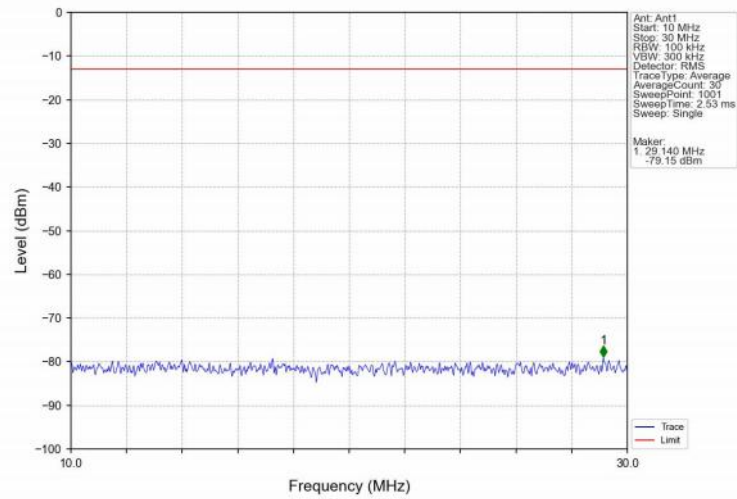
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



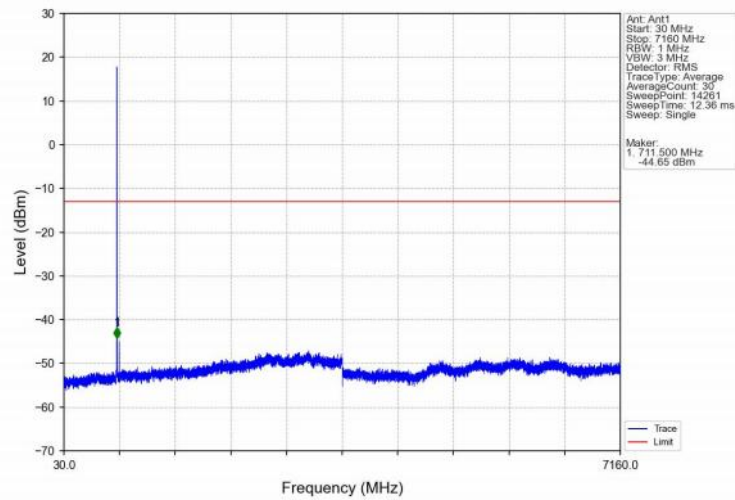
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



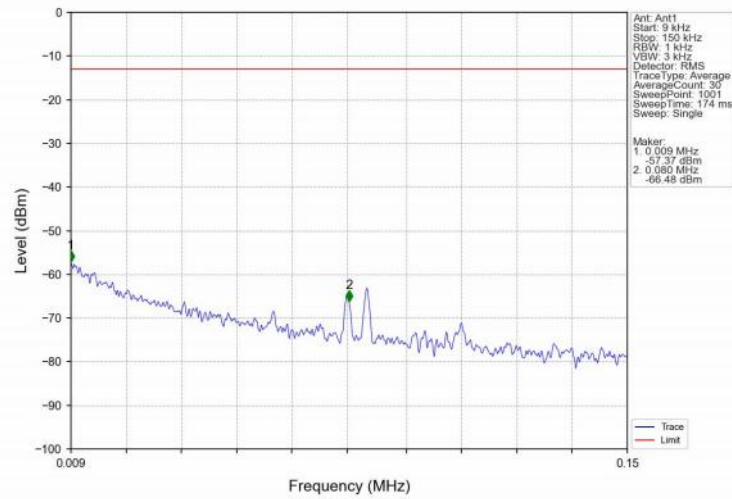
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



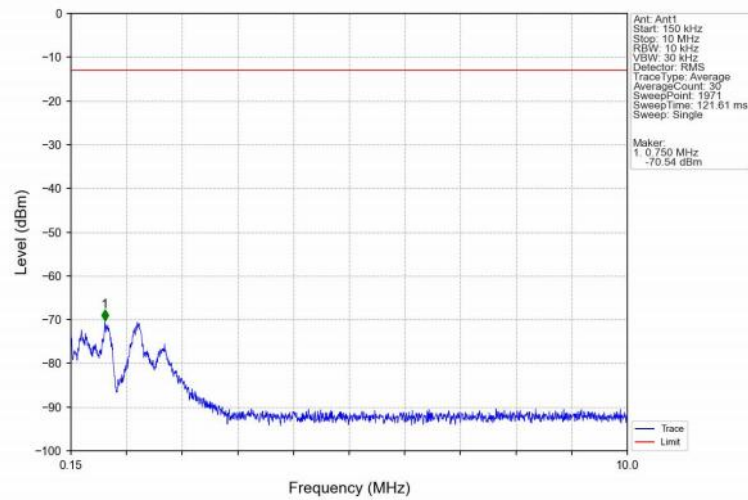
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



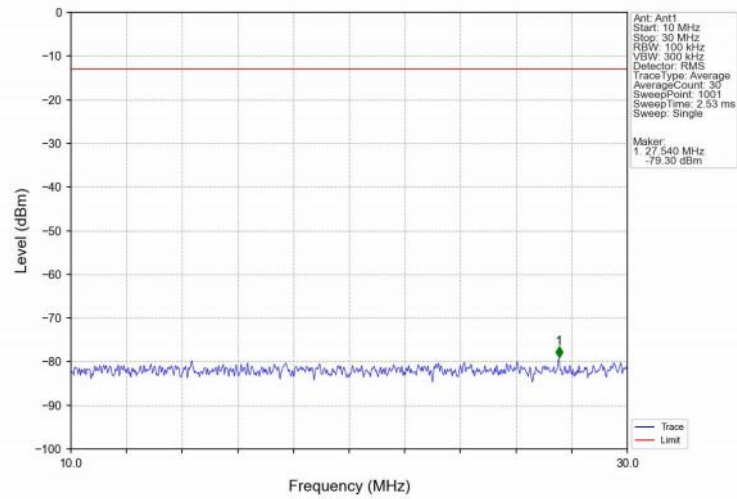
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_1_0_NTNV



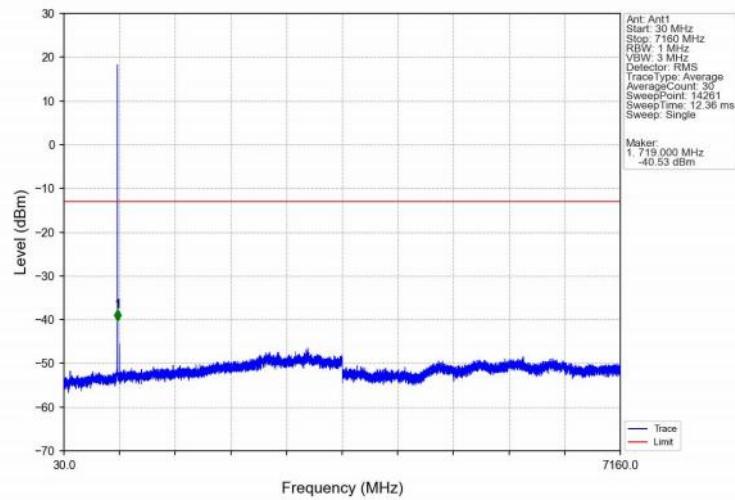
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_1_0_NTNV



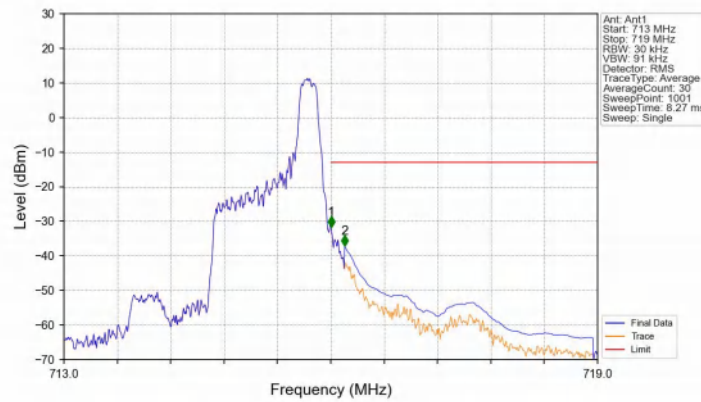
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_1_0_NTNV



Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_1_0_NTNV

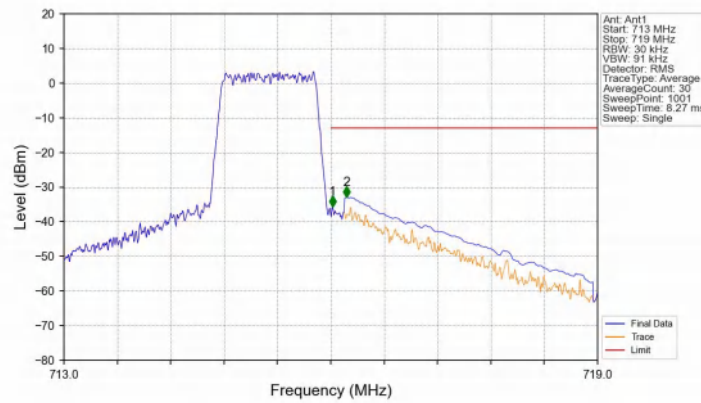


Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_1_5_NTNV



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	716.006	-31.78	-13	Pass
716.1	719	0.1	CHP	2	716.156	-37.23	-13	Pass

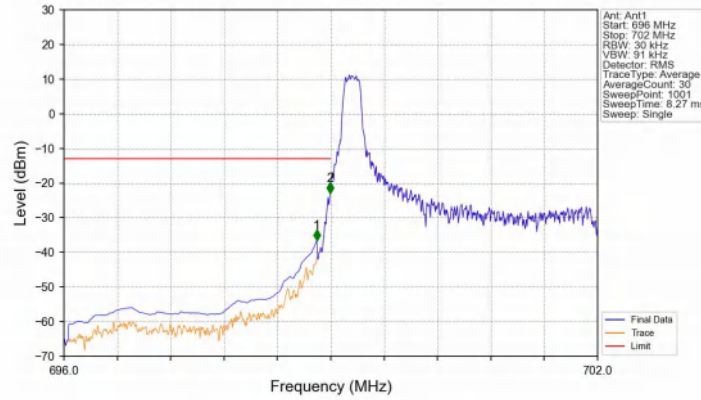
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



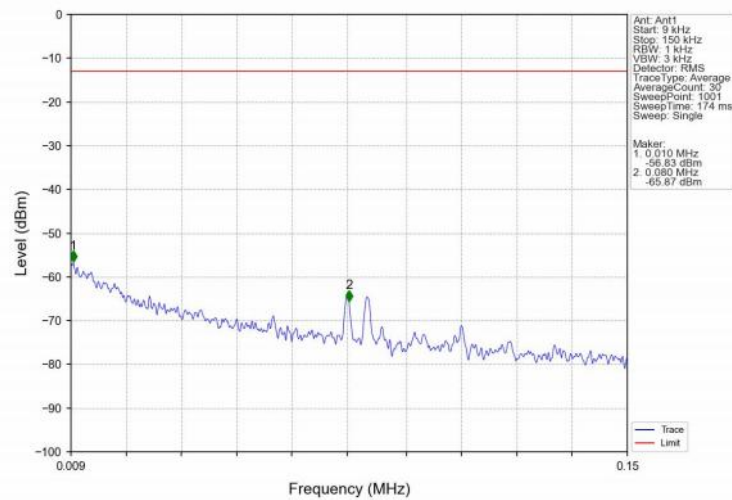
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.018	-35.77	-13	Pass
716.1	719	0.1	CHP	2	716.180	-32.87	-13	Pass

6.2.2 B12_3MHz

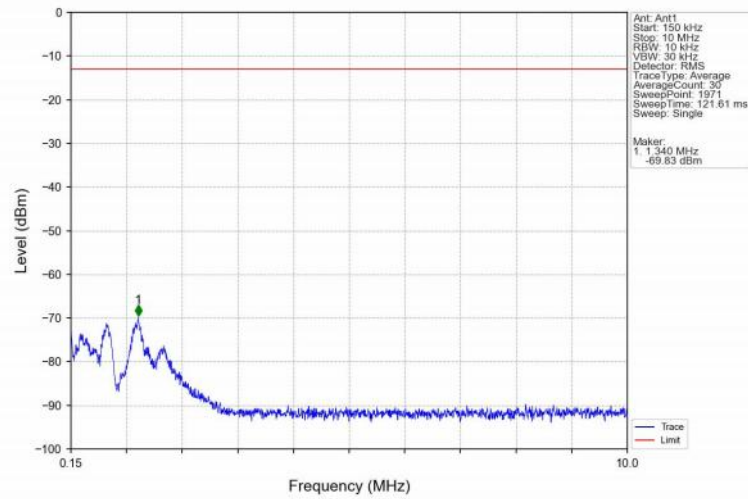
Band12_3MHz_QPSK_LCH_700.5MHz_RB_1_0_NTNV



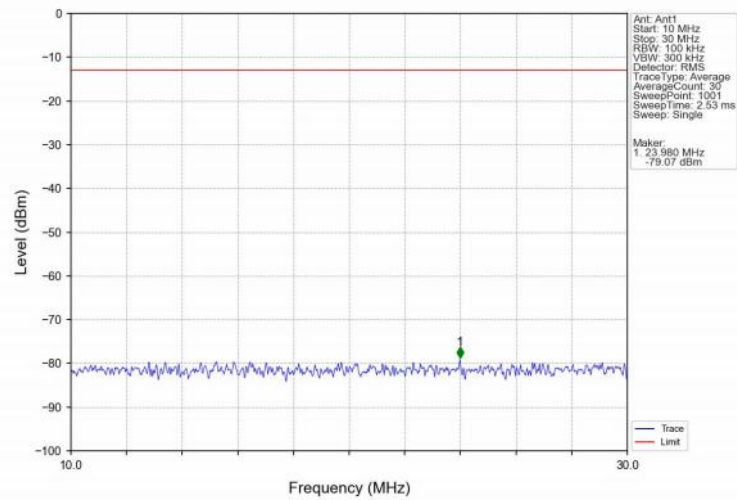
Band12_3MHz_QPSK_LCH_700.5MHz_RB_1_0_NTNV



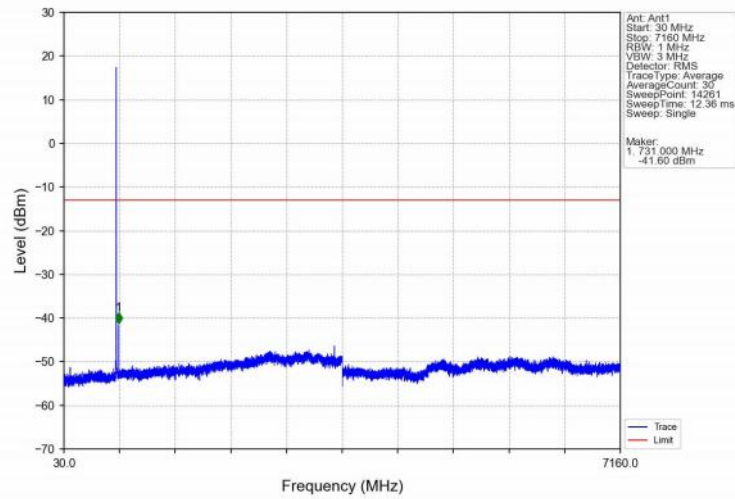
Band12_3MHz_QPSK_LCH_700.5MHz_RB_1_0_NTNV



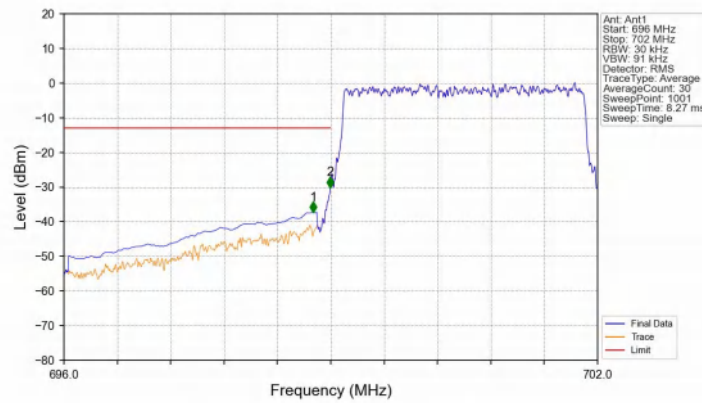
Band12_3MHz_QPSK_LCH_700.5MHz_RB_1_0_NTNV



Band12_3MHz_QPSK_LCH_700.5MHz_RB_1_0_NTNV

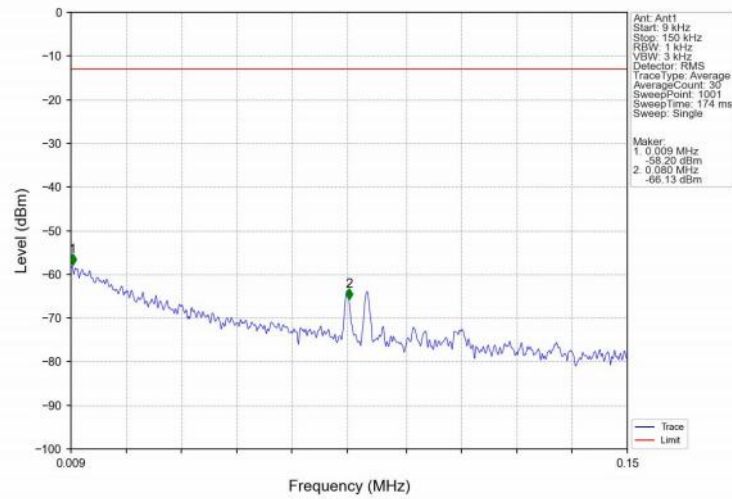


Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV

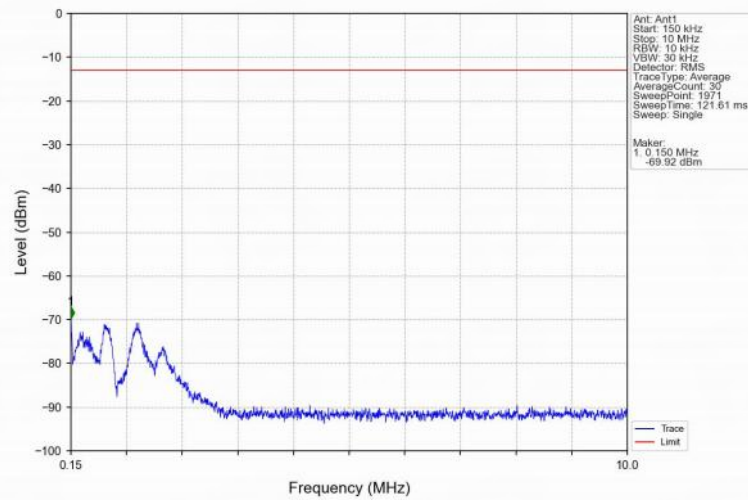


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.802	-37.28	-13	Pass
698.9	699	0.03	/	2	698.994	-30.13	-13	Pass
699	702	0.03	/	/	/	/	/	/

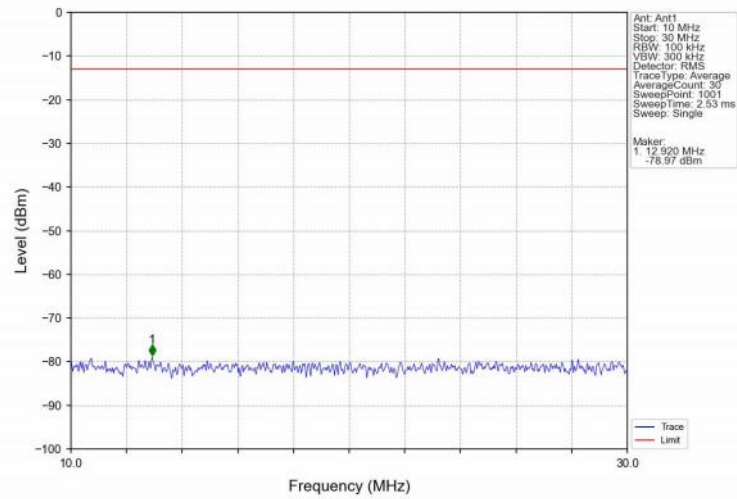
Band12_3MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



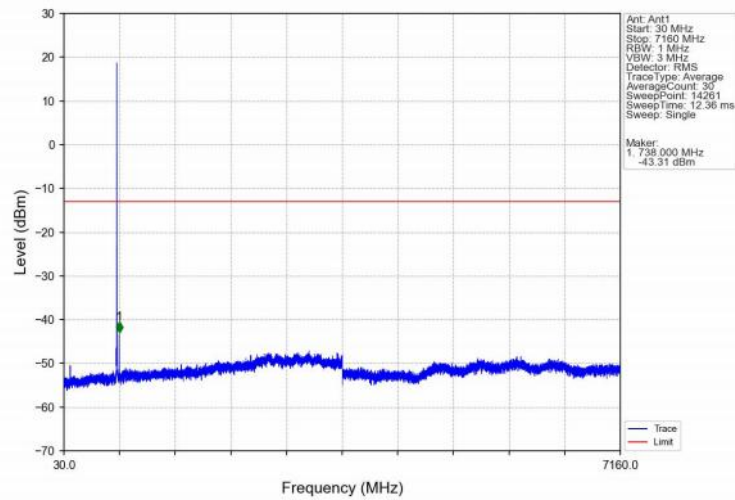
Band12_3MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



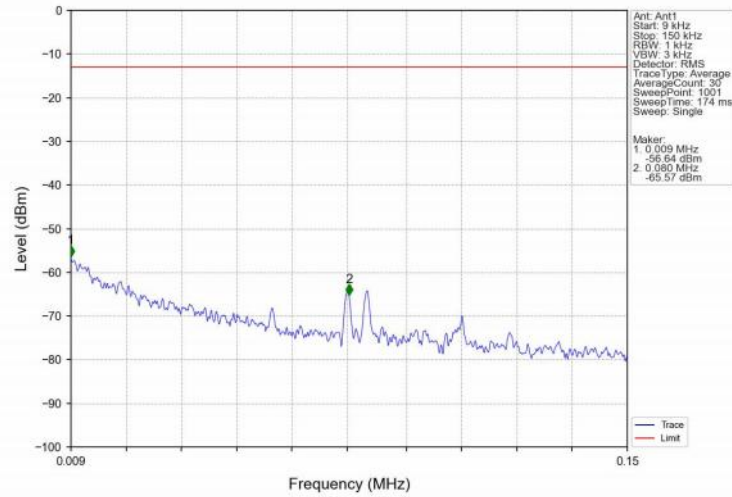
Band12_3MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



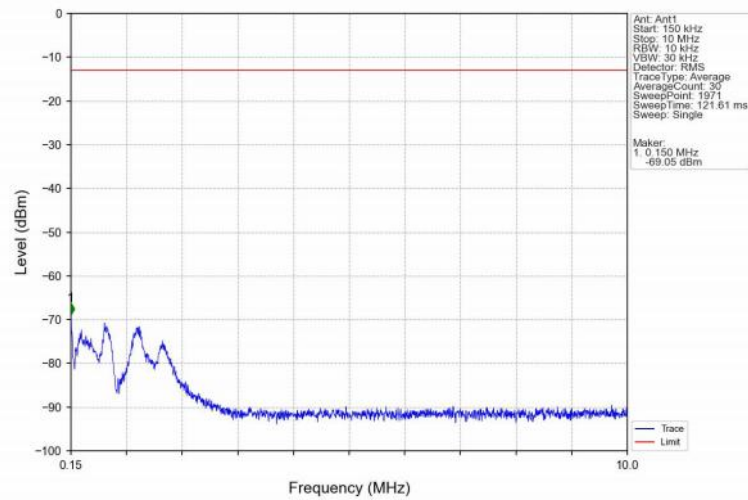
Band12_3MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



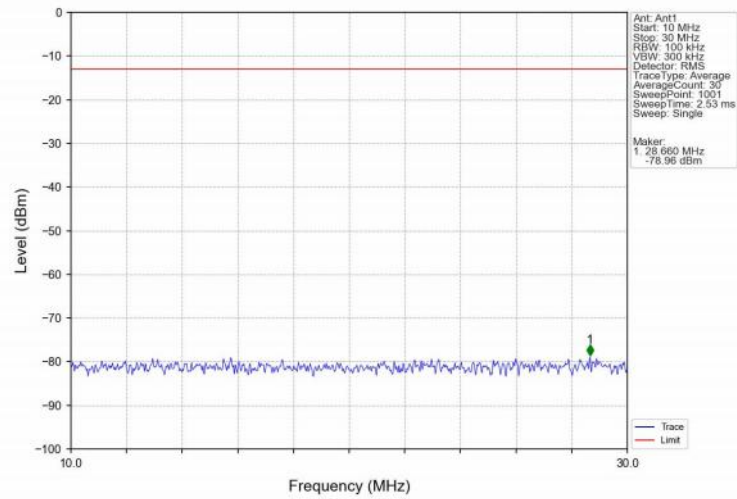
Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_0_NTNV



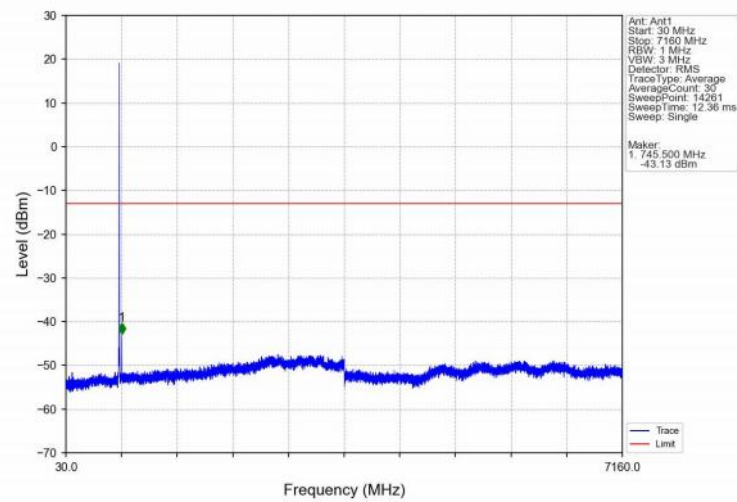
Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_0_NTNV



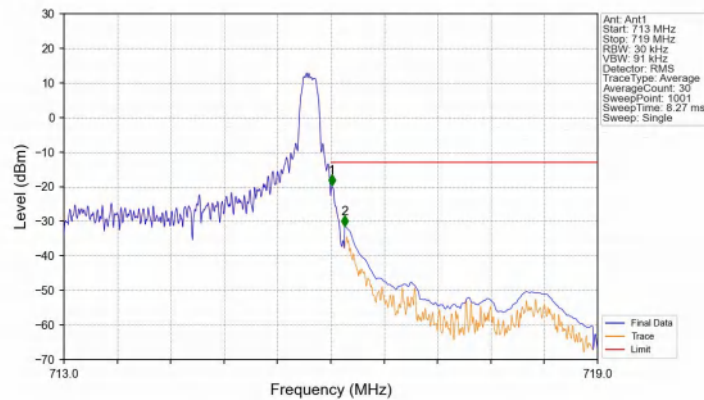
Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_0_NTNV



Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_0_NTNV

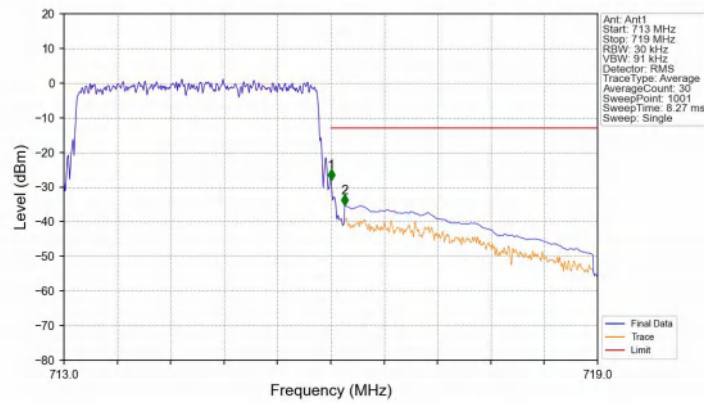


Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_14_NTNV



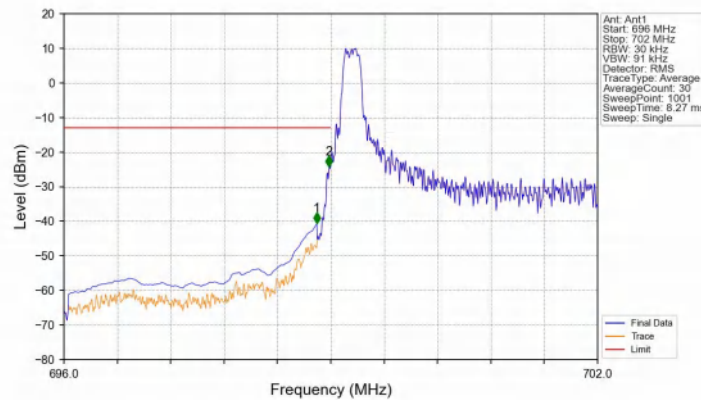
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.012	-19.74	-13	Pass
716.1	719	0.1	CHP	2	716.156	-31.49	-13	Pass

Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



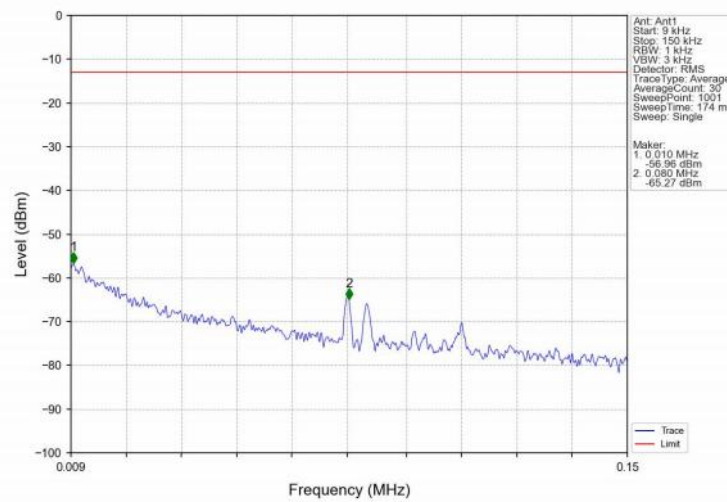
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.006	-27.95	-13	Pass
716.1	719	0.1	CHP	2	716.156	-35.30	-13	Pass

Band12_3MHz_16QAM_LCH_700.5MHz_RB_1_0_NTNV

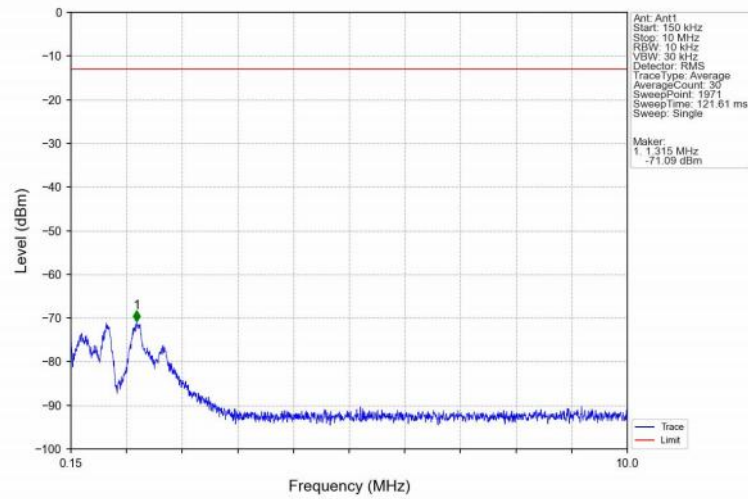


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-40.65	-13	Pass
698.9	699	0.03	/	2	698.982	-24.25	-13	Pass
699	702	0.03	/	/	/	/	/	/

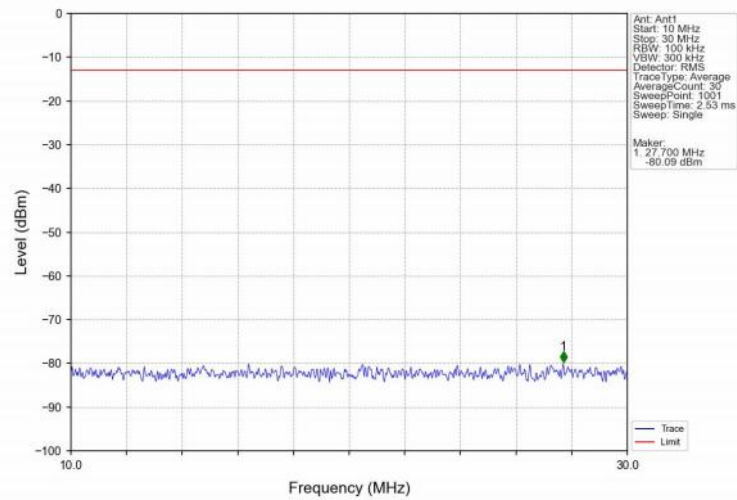
Band12_3MHz_16QAM_LCH_700.5MHz_RB_1_0_NTNV



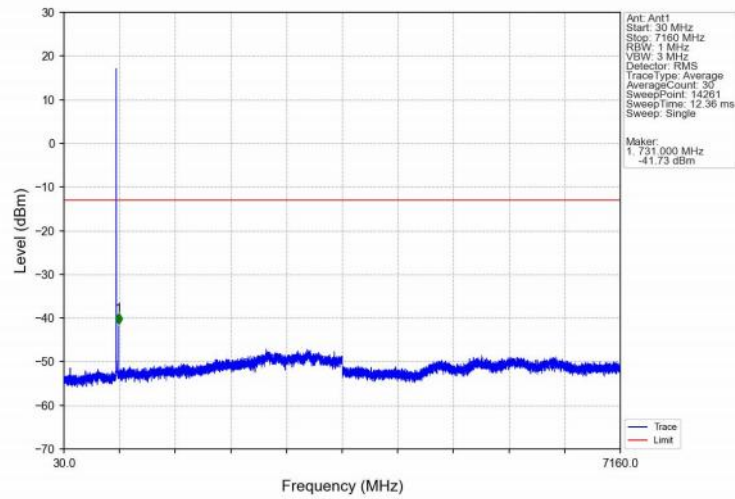
Band12_3MHz_16QAM_LCH_700.5MHz_RB_1_0_NTNV



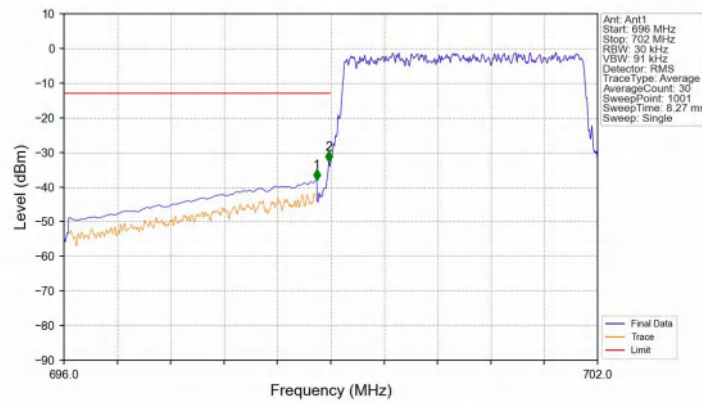
Band12_3MHz_16QAM_LCH_700.5MHz_RB_1_0_NTNV



Band12_3MHz_16QAM_LCH_700.5MHz_RB_1_0_NTNV

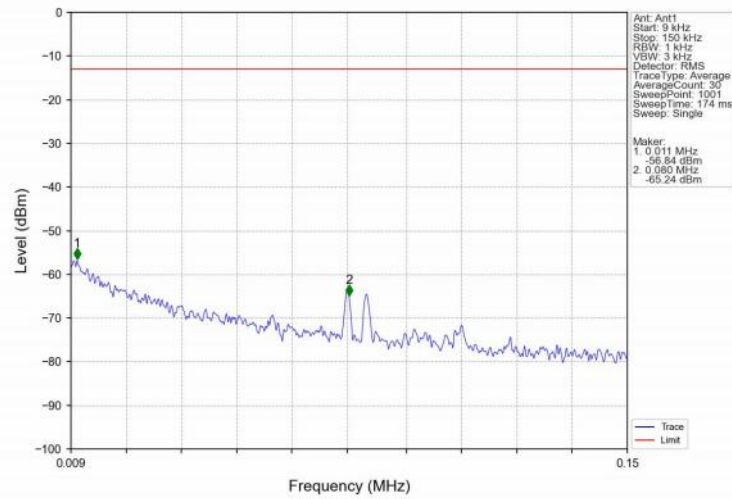


Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV

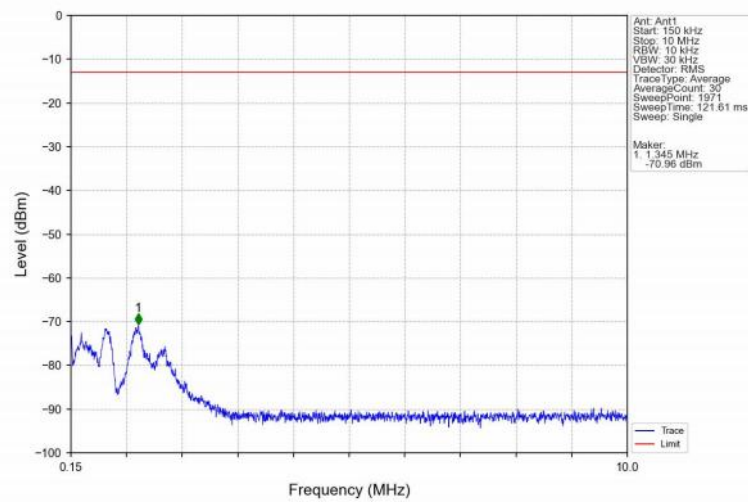


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-37.99	-13	Pass
698.9	699	0.03	/	2	698.982	-32.70	-13	Pass
699	702	0.03	/	/	/	/	/	/

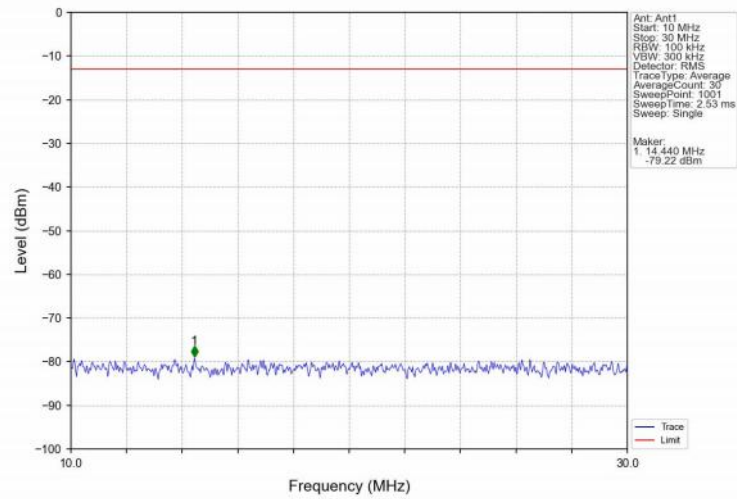
Band12_3MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



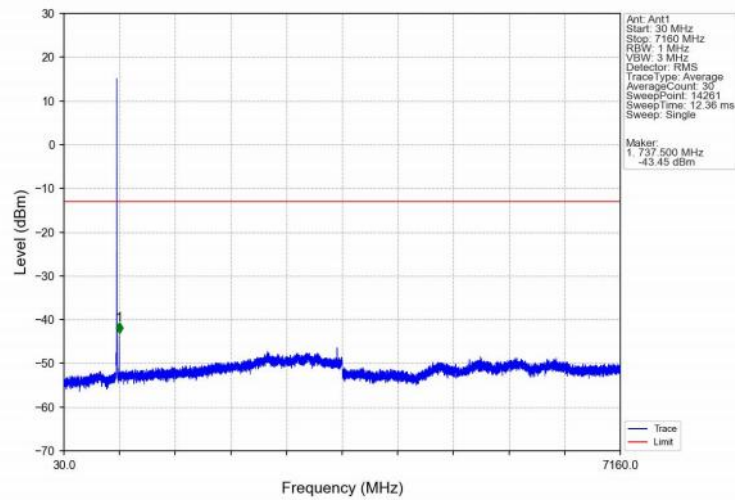
Band12_3MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



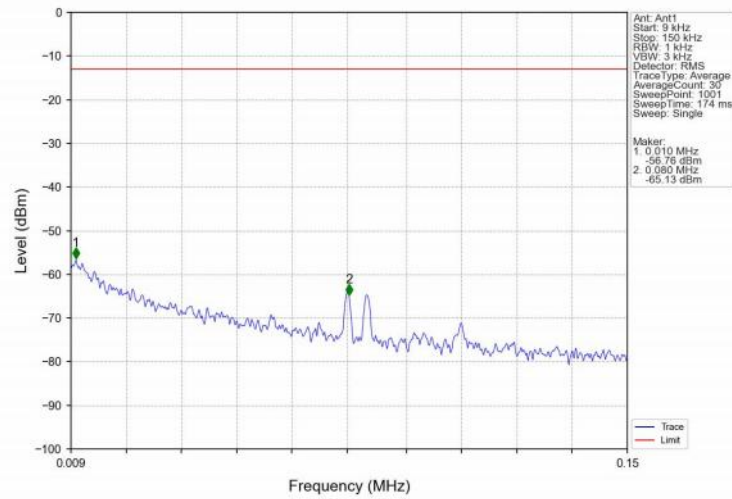
Band12_3MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



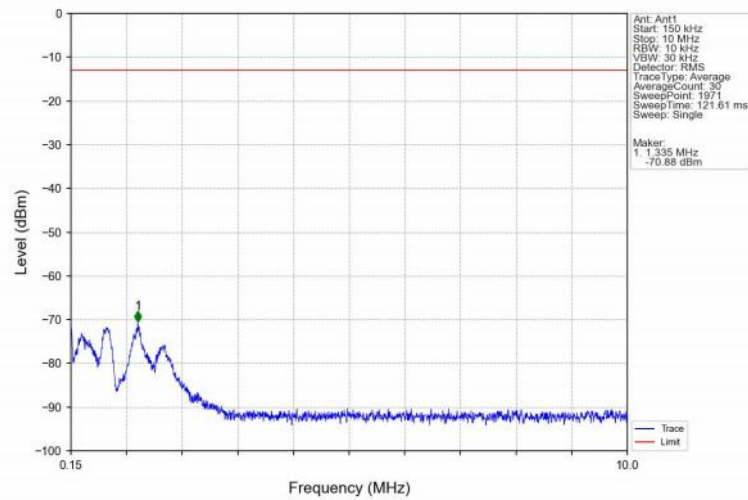
Band12_3MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



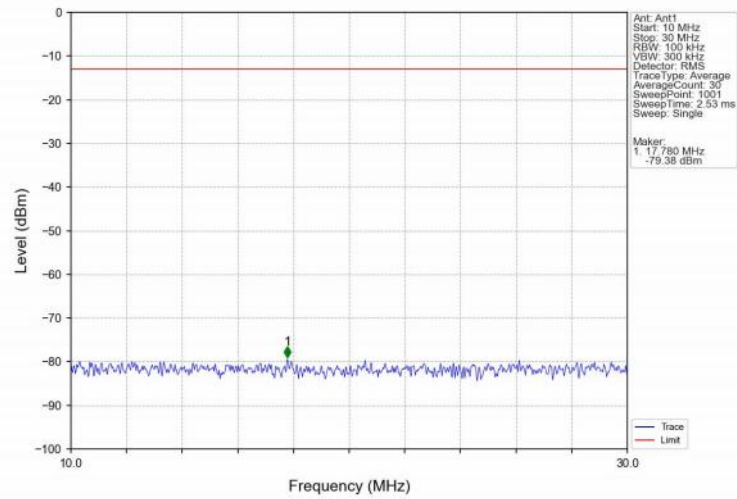
Band12_3MHz_16QAM_HCH_714.5MHz_RB_1_0_NTNV



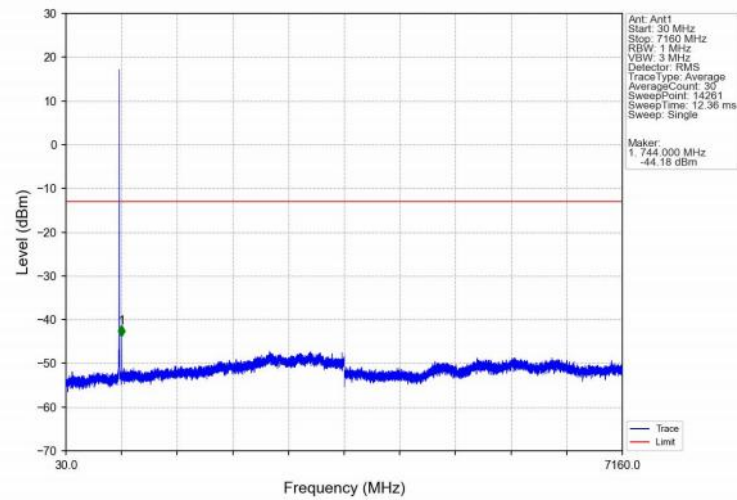
Band12_3MHz_16QAM_HCH_714.5MHz_RB_1_0_NTNV



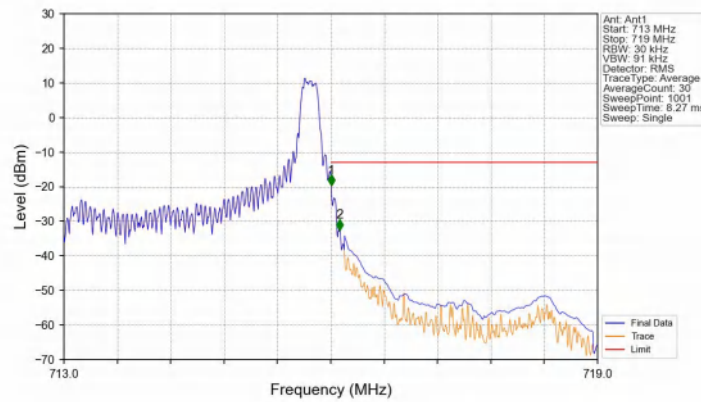
Band12_3MHz_16QAM_HCH_714.5MHz_RB_1_0_NTNV



Band12_3MHz_16QAM_HCH_714.5MHz_RB_1_0_NTNV

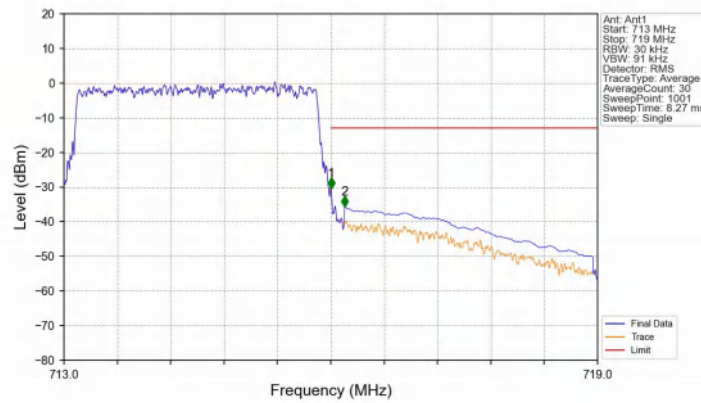


Band12_3MHz_16QAM_HCH_714.5MHz_RB_1_14_NTNV



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	716.006	-19.73	-13	Pass
716.1	719	0.1	CHP	2	716.102	-32.52	-13	Pass

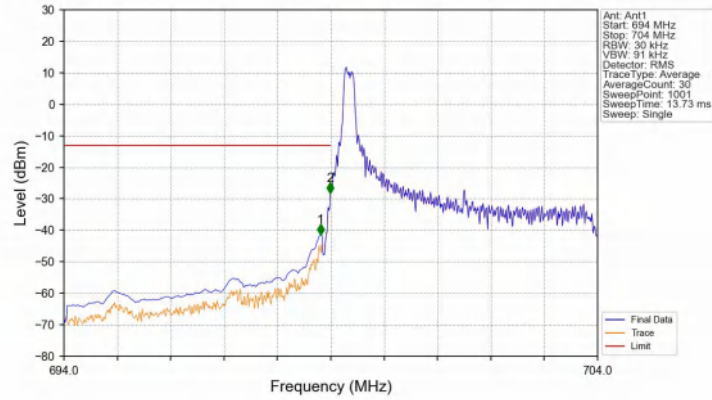
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



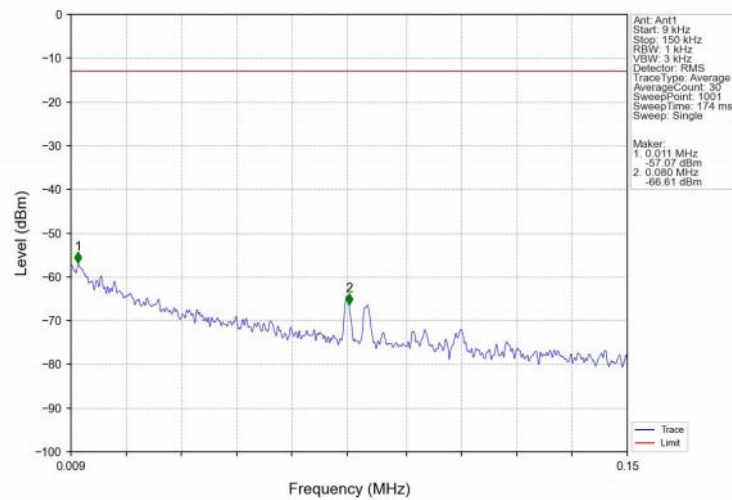
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.006	-30.37	-13	Pass
716.1	719	0.1	CHP	2	716.156	-35.63	-13	Pass

6.2.3 B12_5MHz

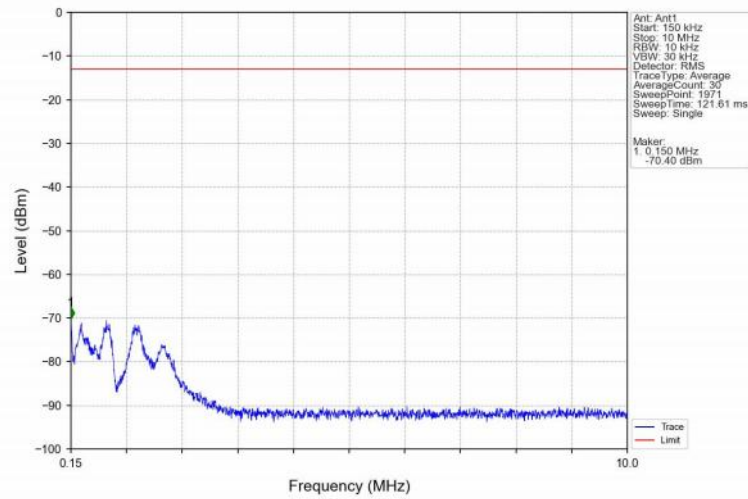
Band12_5MHz_QPSK_LCH_701.5MHz_RB_1_0_NTNV



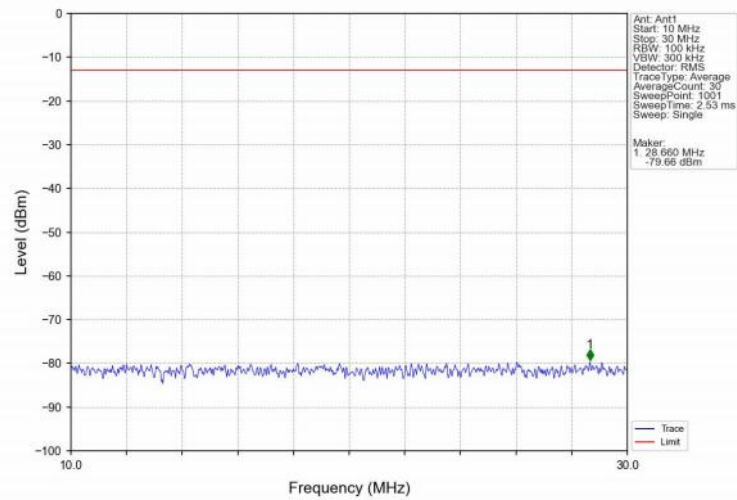
Band12_5MHz_QPSK_LCH_701.5MHz_RB_1_0_NTNV



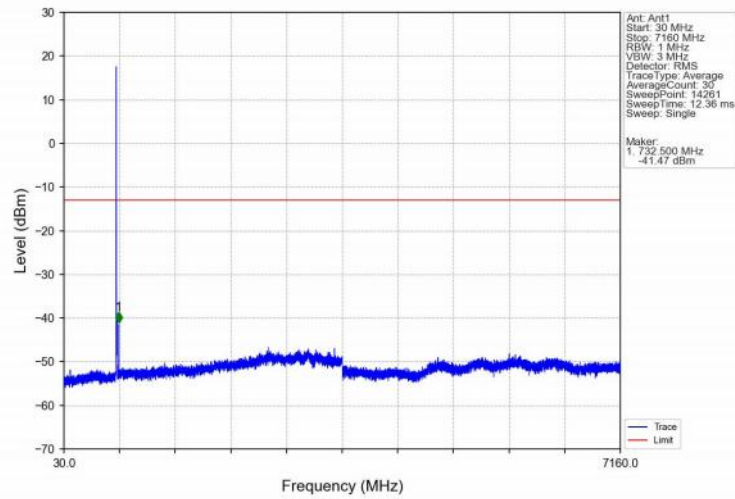
Band12_5MHz_QPSK_LCH_701.5MHz_RB_1_0_NTNV



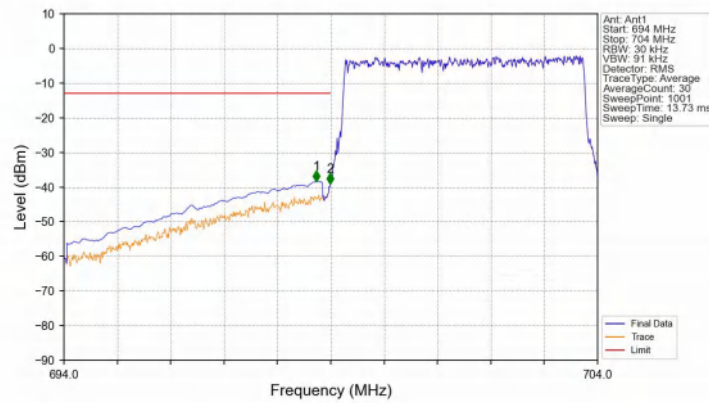
Band12_5MHz_QPSK_LCH_701.5MHz_RB_1_0_NTNV



Band12_5MHz_QPSK_LCH_701.5MHz_RB_1_0_NTNV

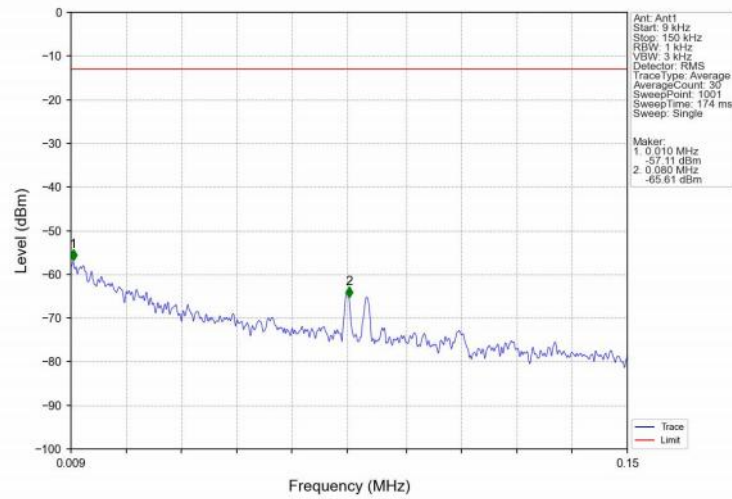


Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV

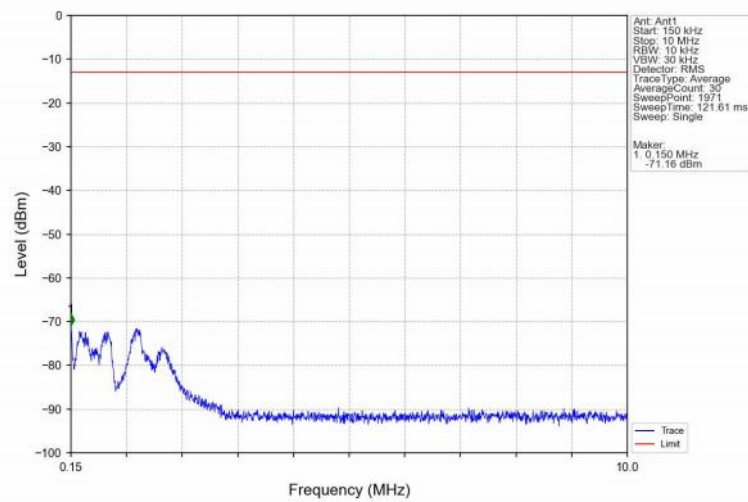


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.730	-38.39	-13	Pass
698.9	699	0.03	/	2	698.990	-39.12	-13	Pass
699	704	0.03	/	/	/	/	/	/

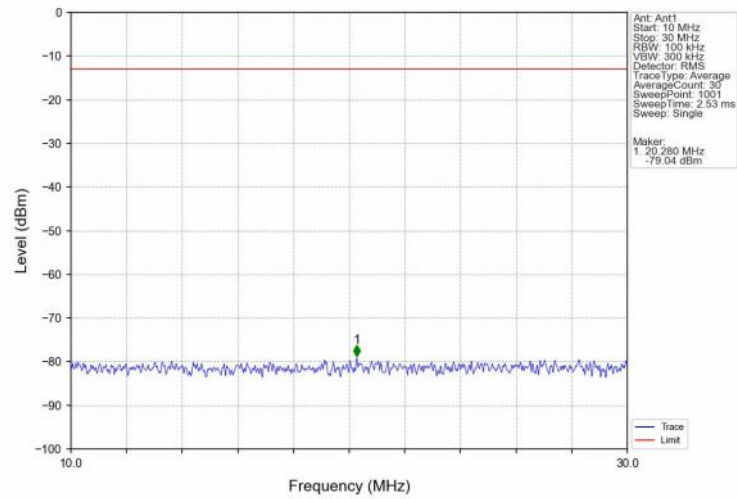
Band12_5MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



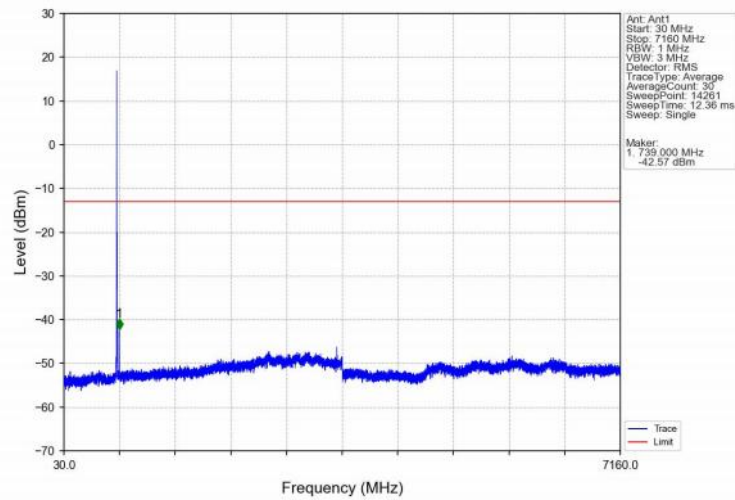
Band12_5MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



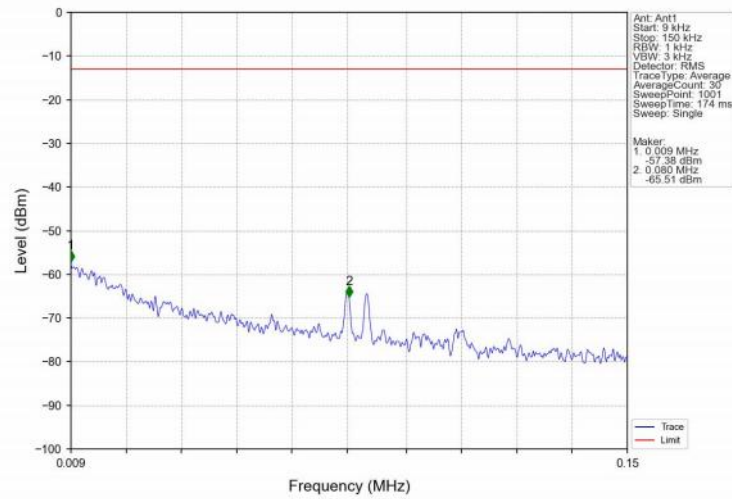
Band12_5MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



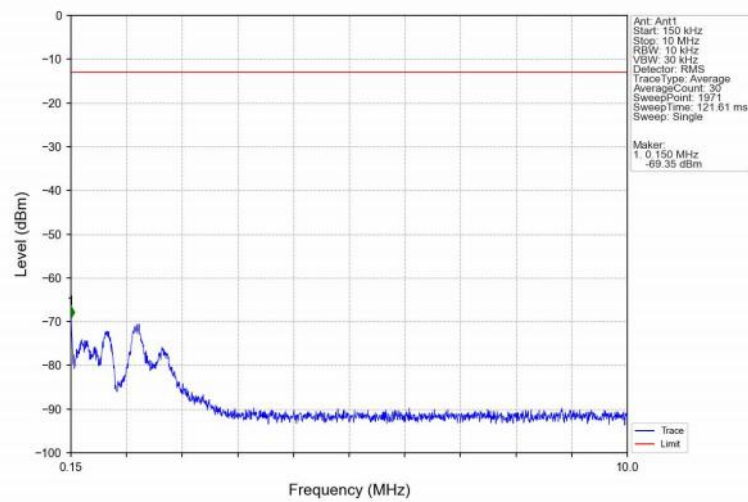
Band12_5MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



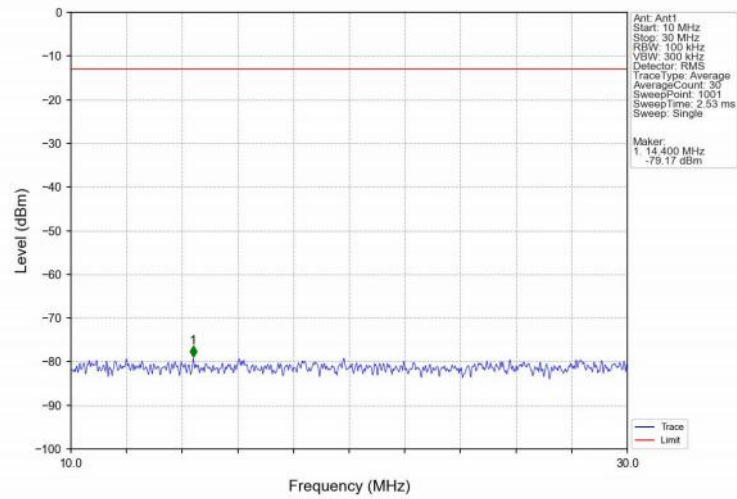
Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV



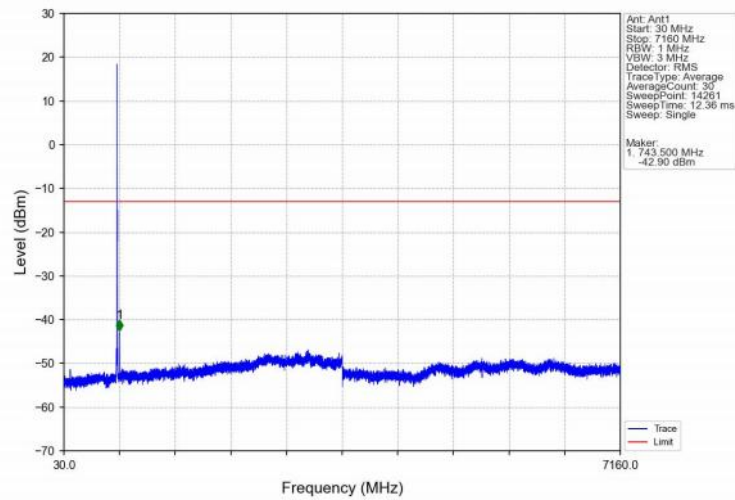
Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV



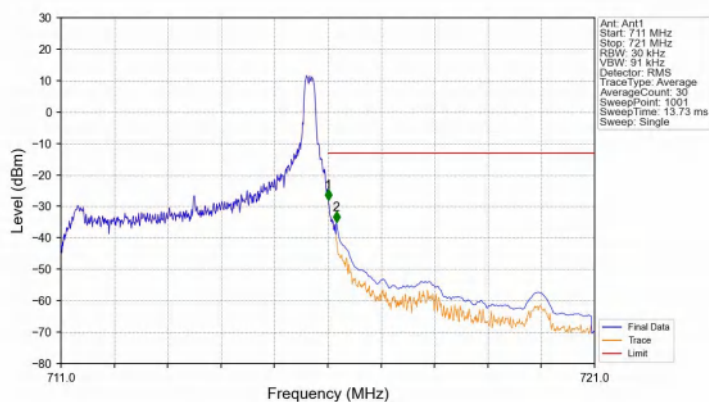
Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV



Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV

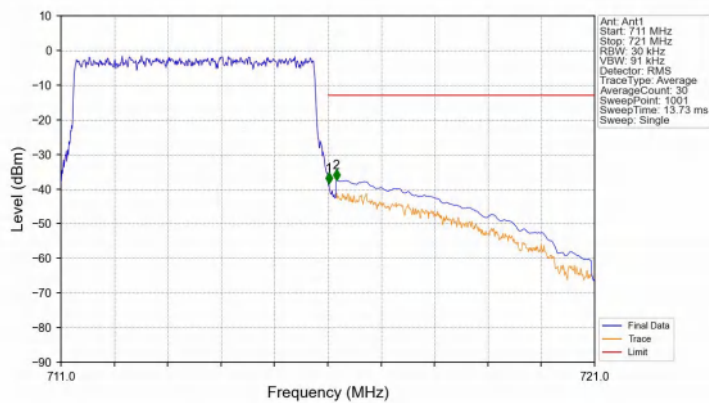


Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV



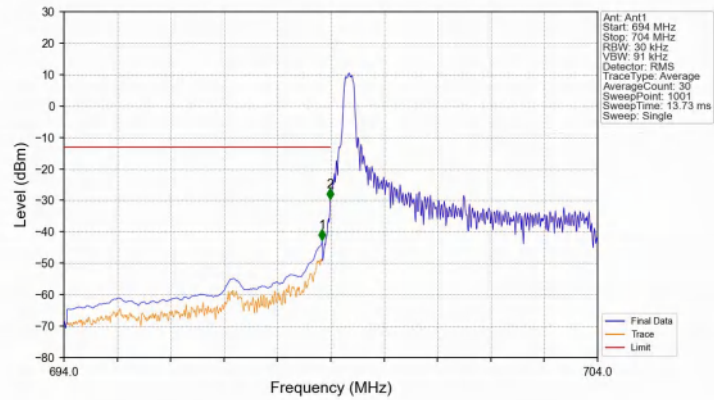
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-27.97	-13	Pass
716.1	721	0.1	CHP	2	716.160	-35.08	-13	Pass

Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



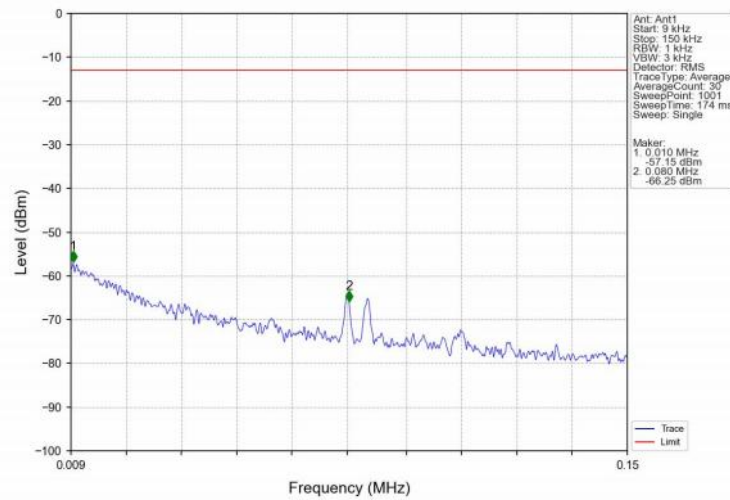
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.020	-38.37	-13	Pass
716.1	721	0.1	CHP	2	716.160	-37.40	-13	Pass

Band12_5MHz_16QAM_LCH_701.5MHz_RB_1_0_NTNV

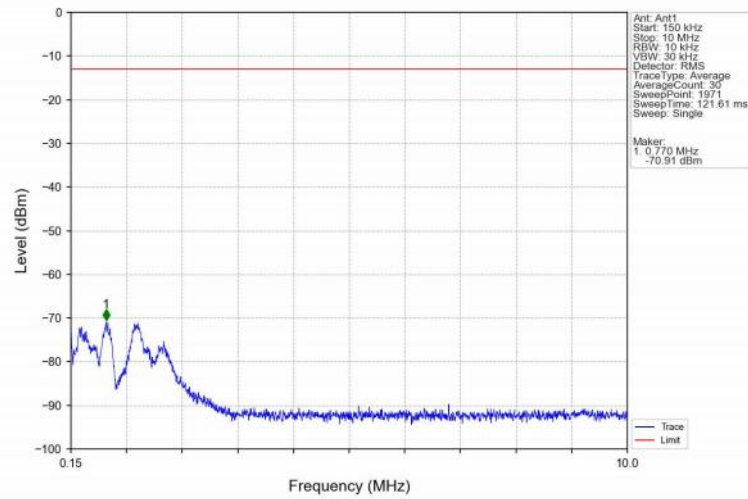


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-42.76	-13	Pass
698.9	699	0.03	/	2	698.990	-29.69	-13	Pass
699	704	0.03	/	/	/	/	/	/

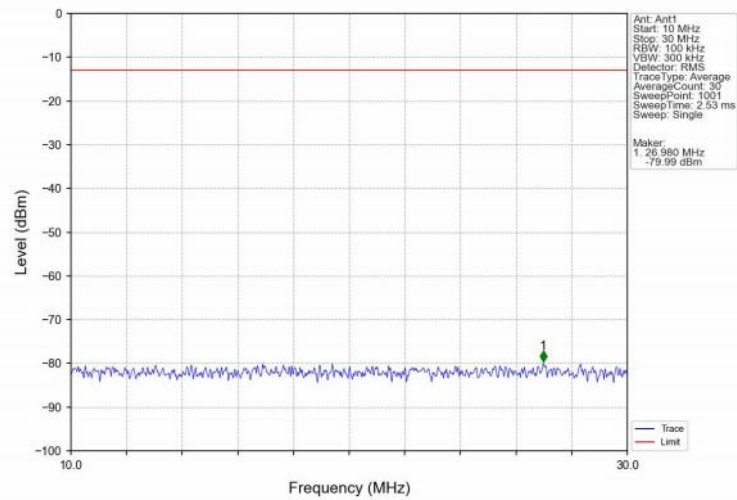
Band12_5MHz_16QAM_LCH_701.5MHz_RB_1_0_NTNV



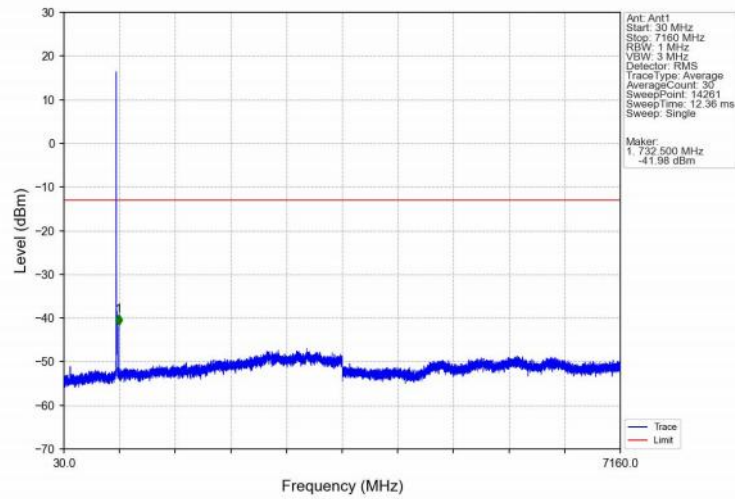
Band12_5MHz_16QAM_LCH_701.5MHz_RB_1_0_NTNV



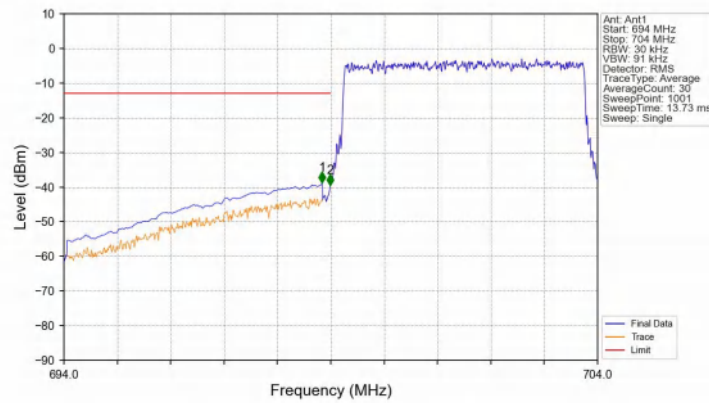
Band12_5MHz_16QAM_LCH_701.5MHz_RB_1_0_NTNV



Band12_5MHz_16QAM_LCH_701.5MHz_RB_1_0_NTNV

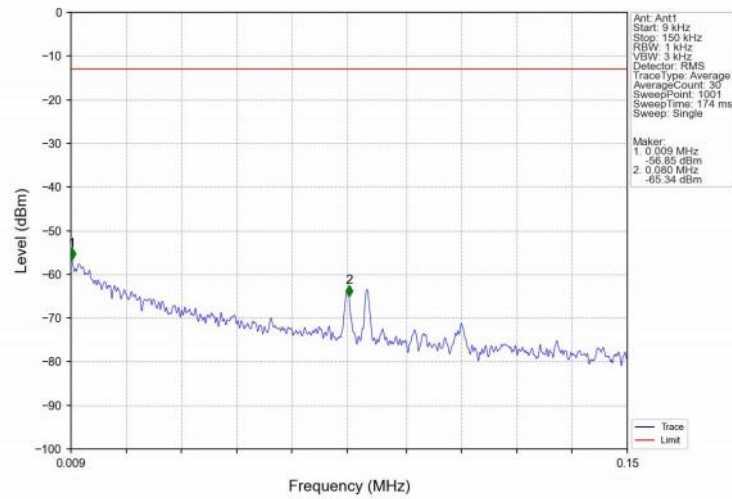


Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV

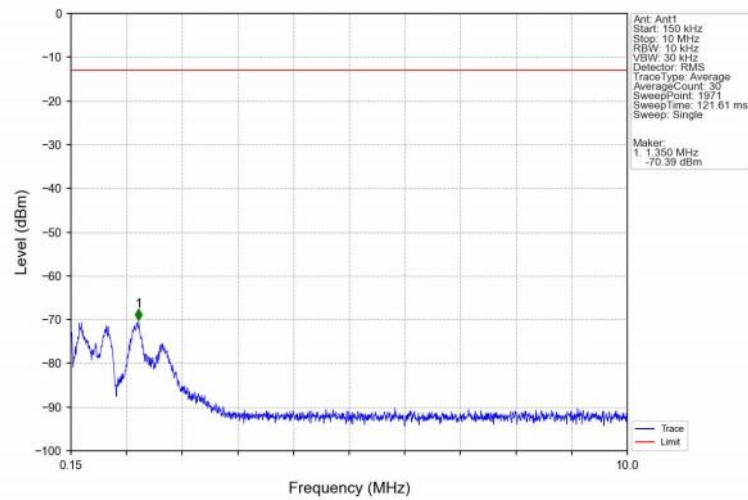


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-38.82	-13	Pass
698.9	699	0.03	/	2	698.990	-39.56	-13	Pass
699	704	0.03	/	/	/	/	/	/

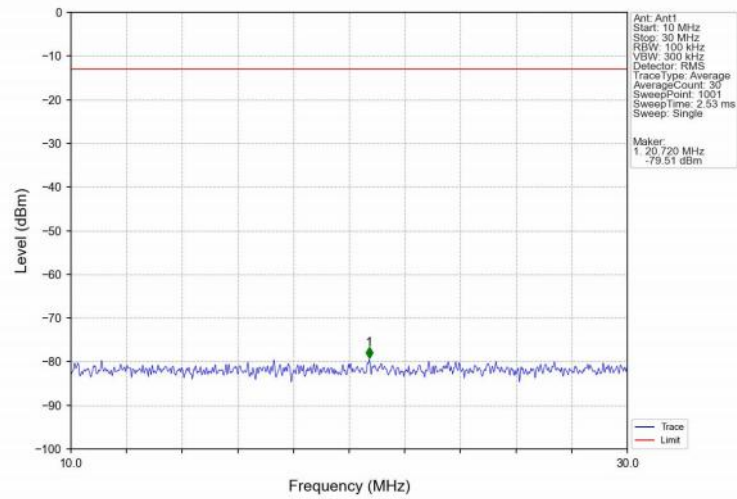
Band12_5MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



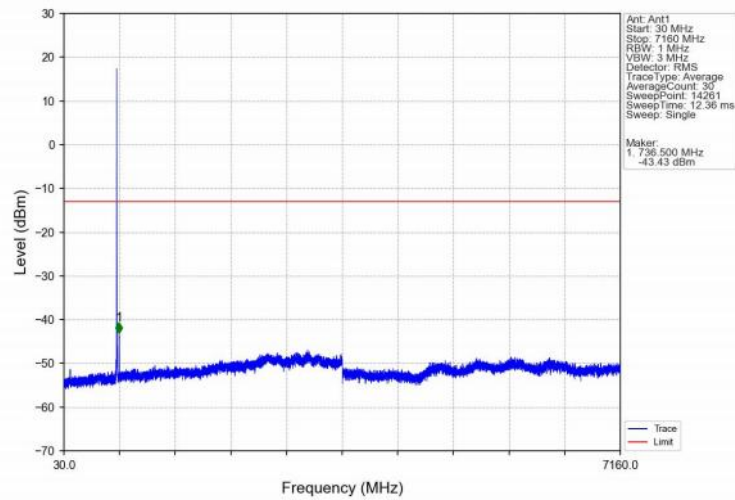
Band12_5MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



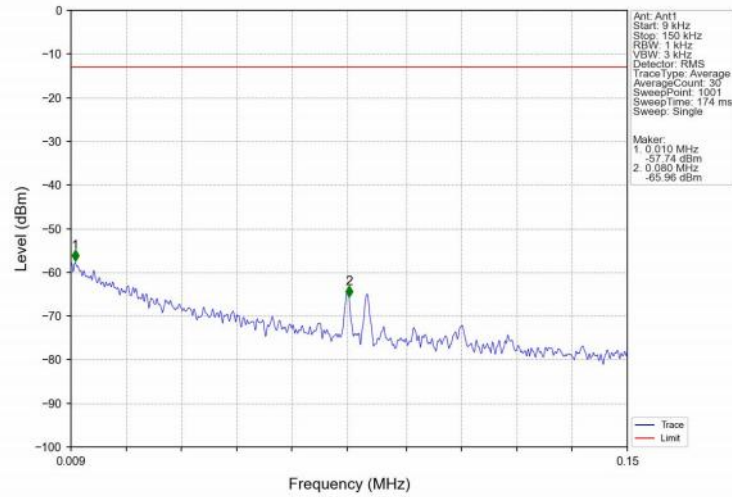
Band12_5MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



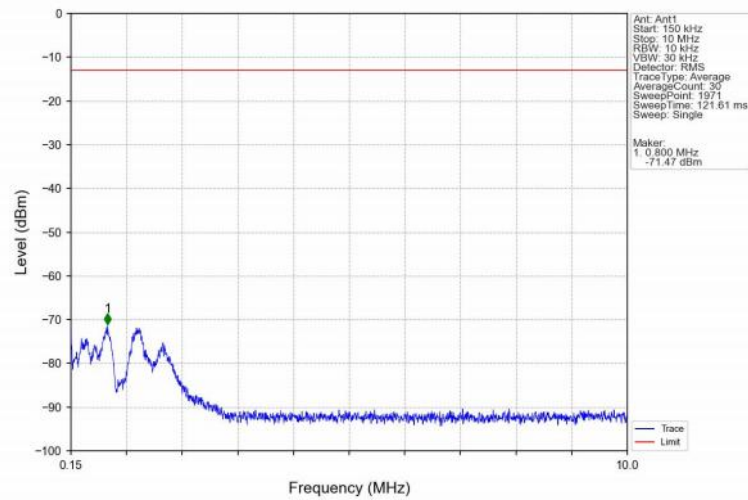
Band12_5MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



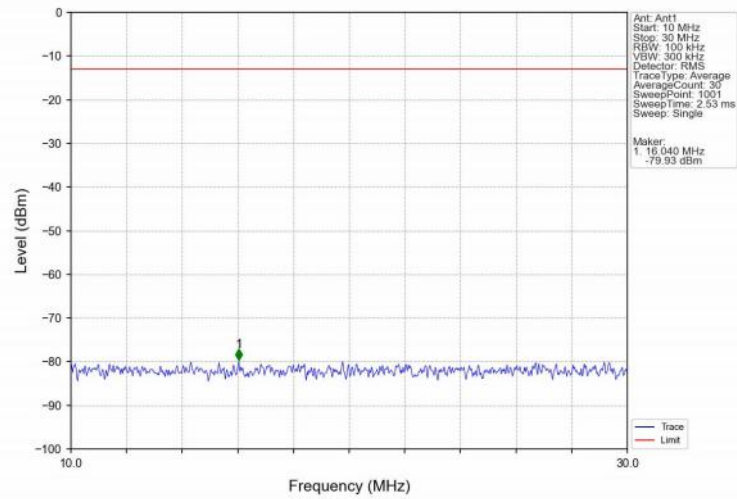
Band12_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



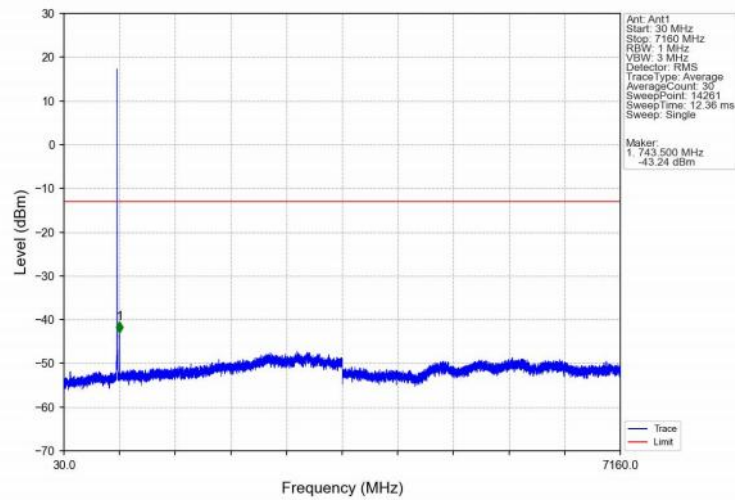
Band12_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



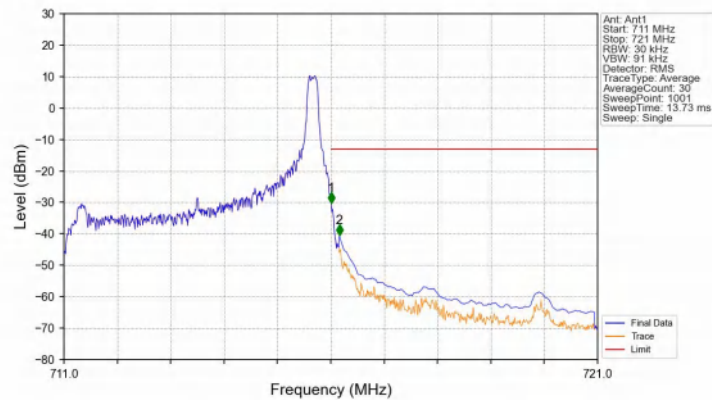
Band12_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



Band12_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV

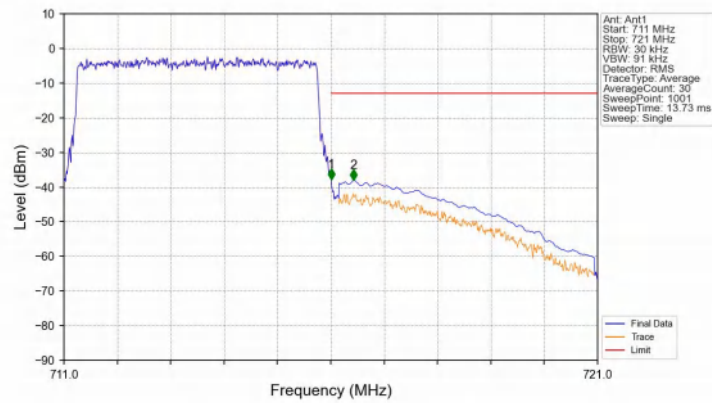


Band12_5MHz_16QAM_HCH_713.5MHz_RB_1_24_NTNV



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	-30.28	-13	Pass
716.1	721	0.1	CHP	2	716.160	-40.53	-13	Pass

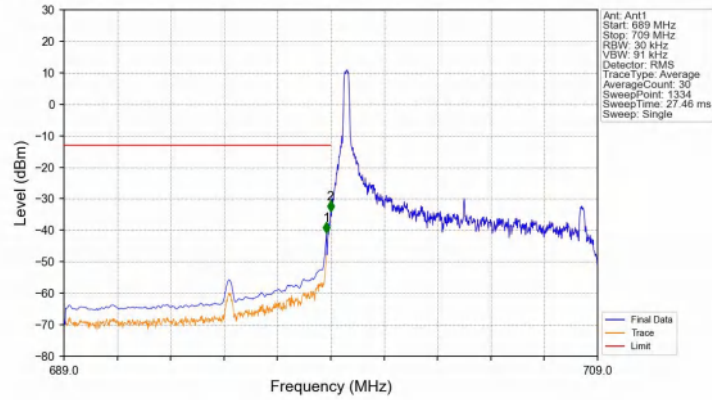
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



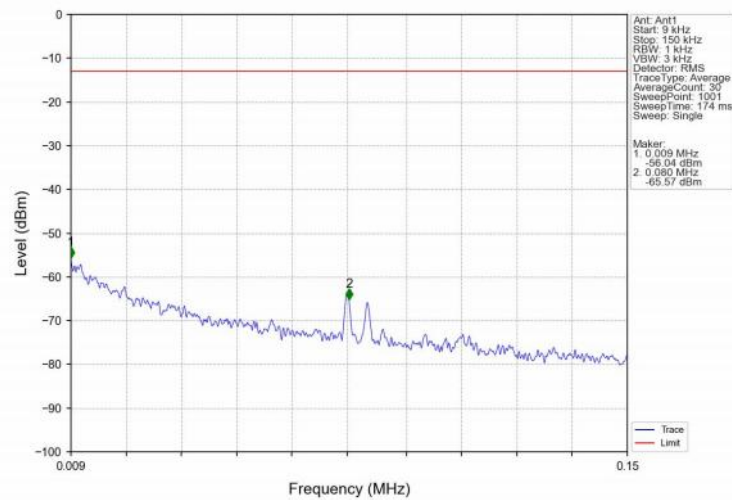
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-37.82	-13	Pass
716.1	721	0.1	CHP	2	716.430	-38.06	-13	Pass

6.2.4 B12_10MHz

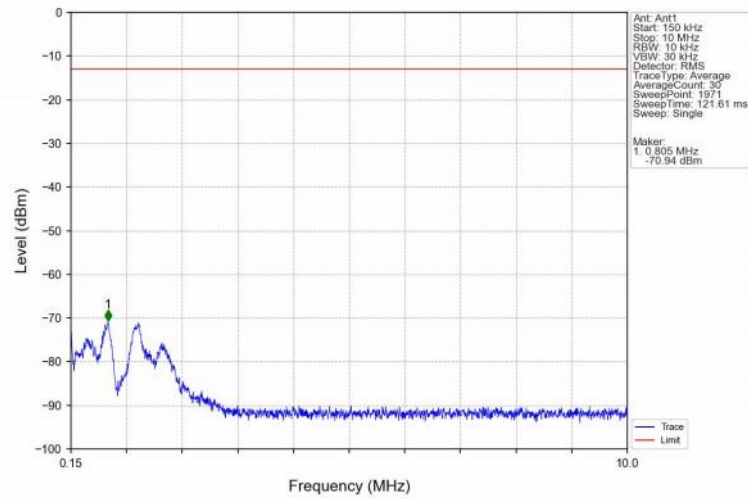
Band12_10MHz_QPSK_LCH_704MHz_RB_1_0_NTNV



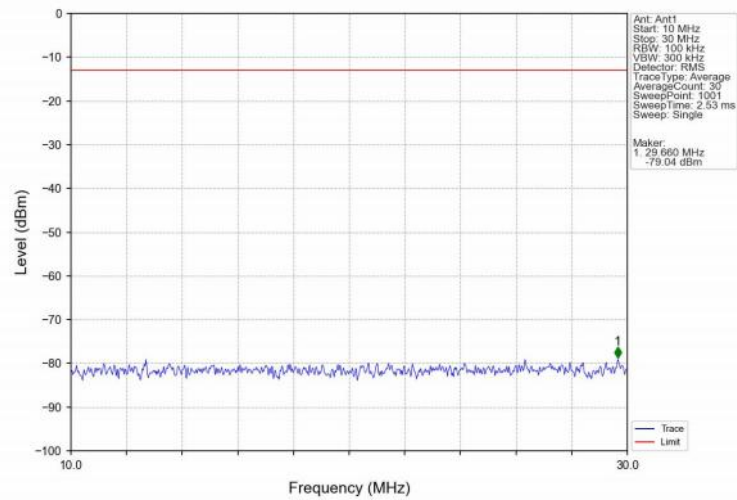
Band12_10MHz_QPSK_LCH_704MHz_RB_1_0_NTNV



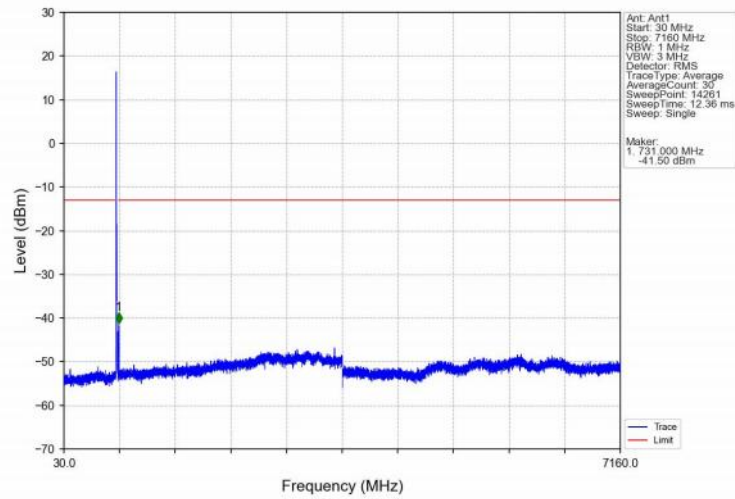
Band12_10MHz_QPSK_LCH_704MHz_RB_1_0_NTNV



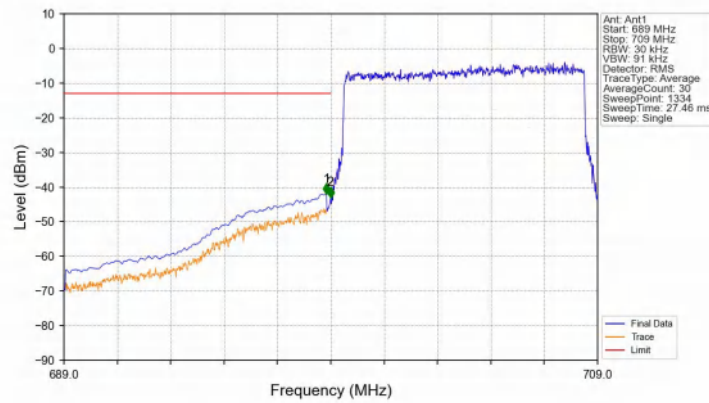
Band12_10MHz_QPSK_LCH_704MHz_RB_1_0_NTNV



Band12_10MHz_QPSK_LCH_704MHz_RB_1_0_NTNV

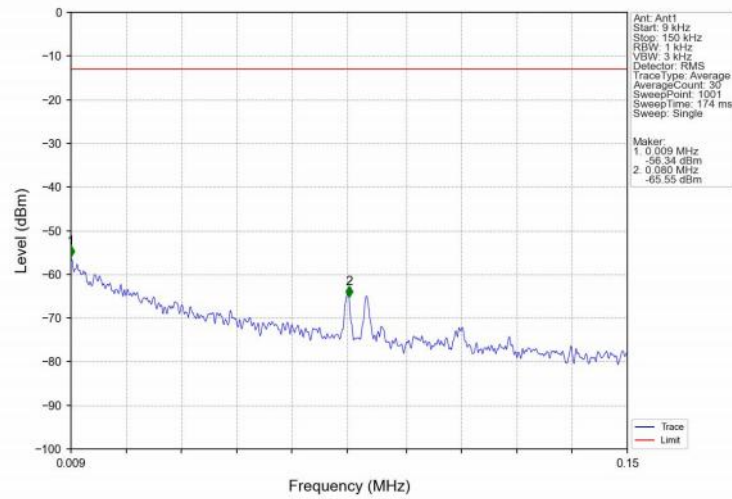


Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV

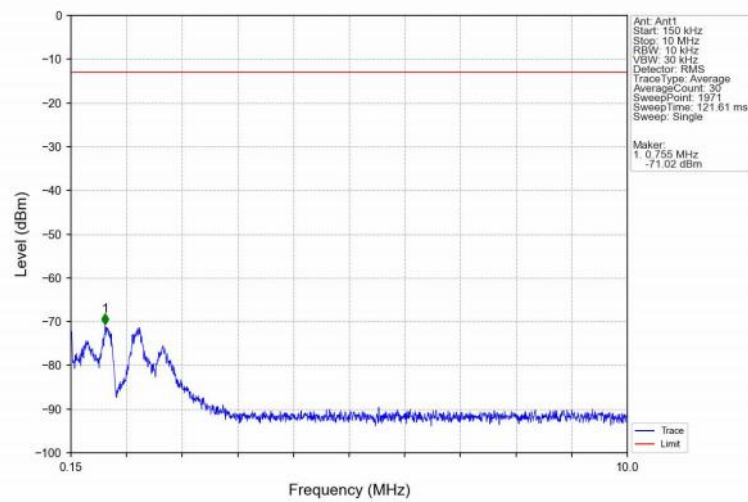


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-41.99	-13	Pass
698.9	699	0.03	/	2	698.992	-43.04	-13	Pass
699	709	0.03	/	/	/	/	/	/

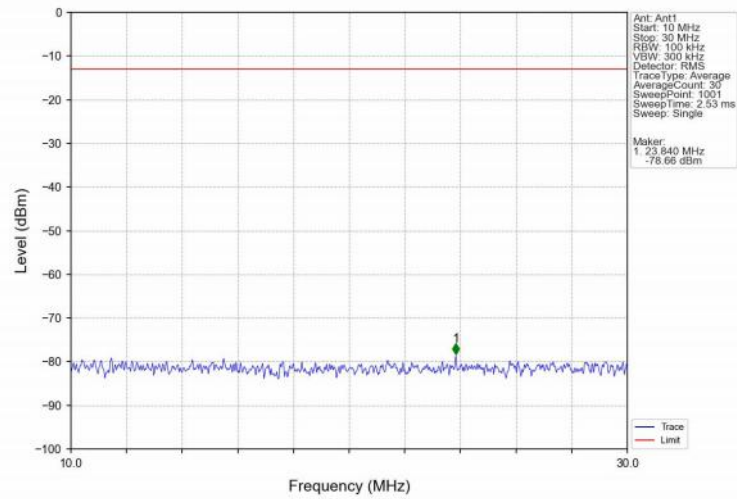
Band12_10MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



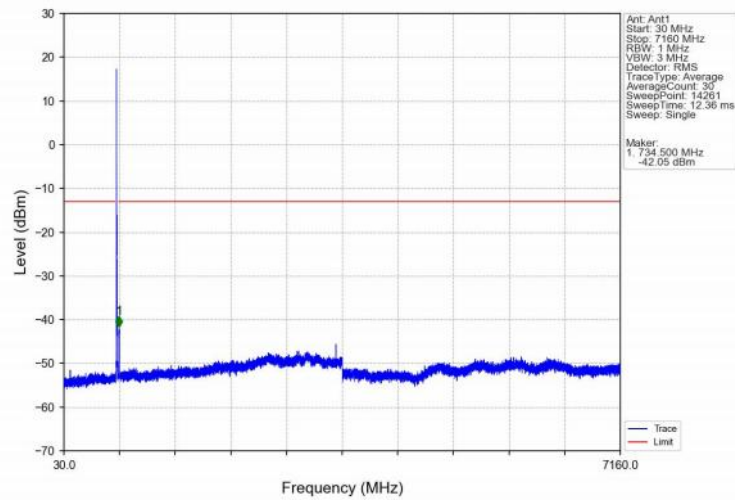
Band12_10MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



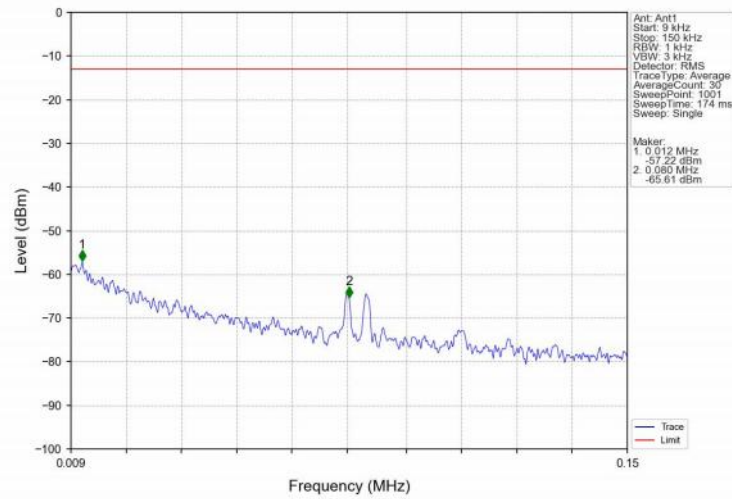
Band12_10MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



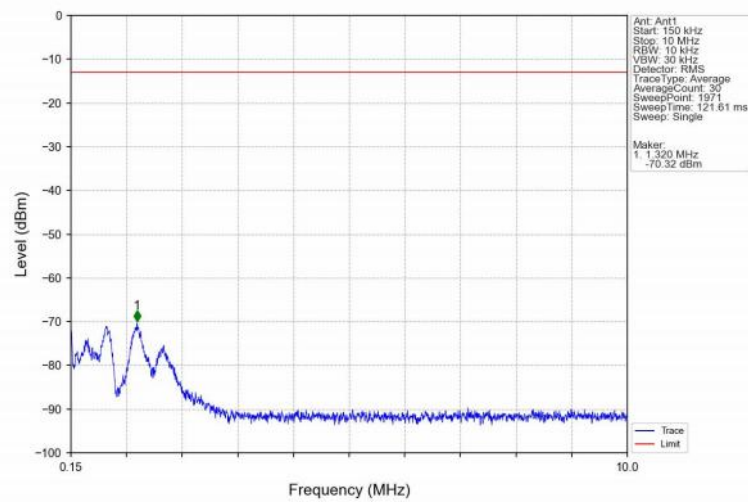
Band12_10MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



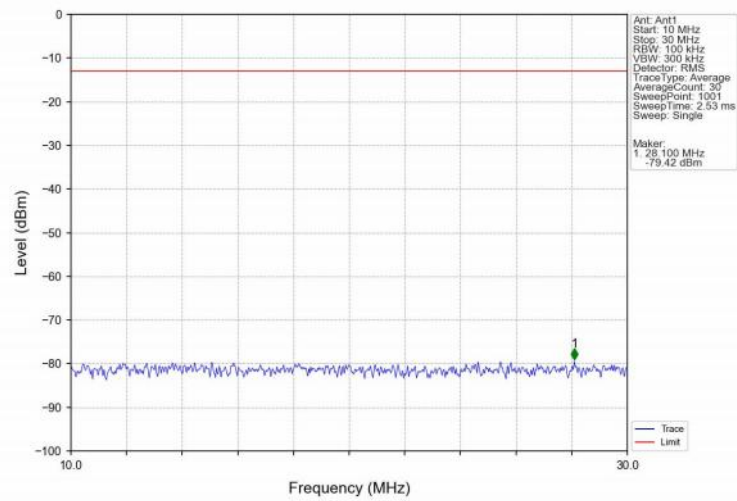
Band12_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



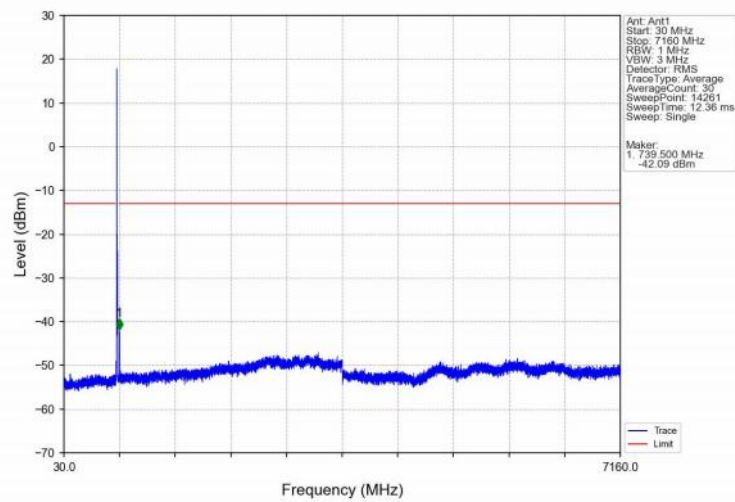
Band12_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



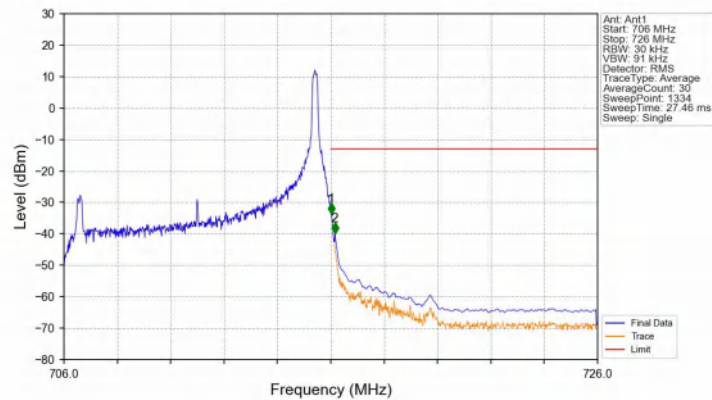
Band12_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



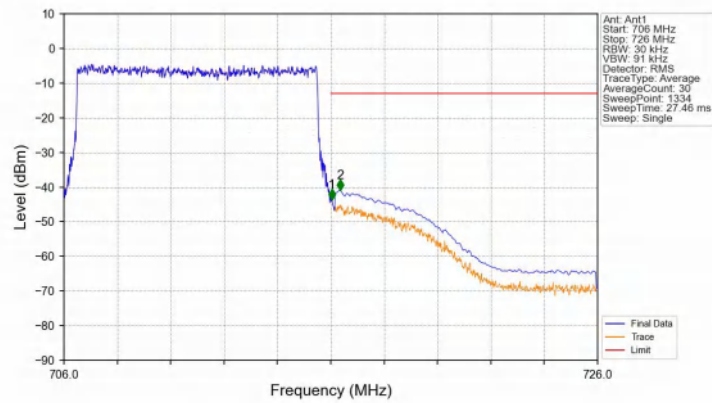
Band12_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



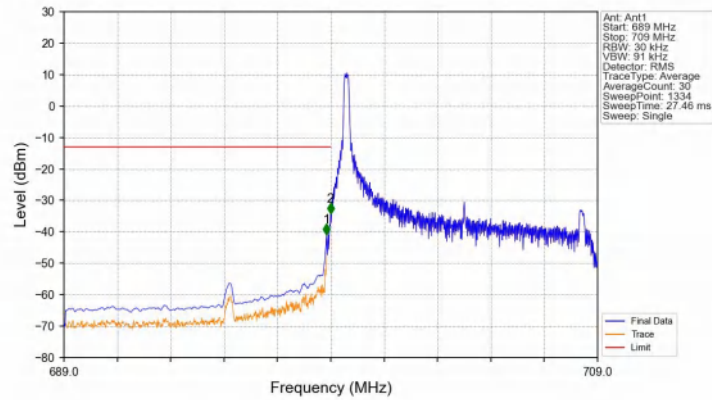
Band12_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV



Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV

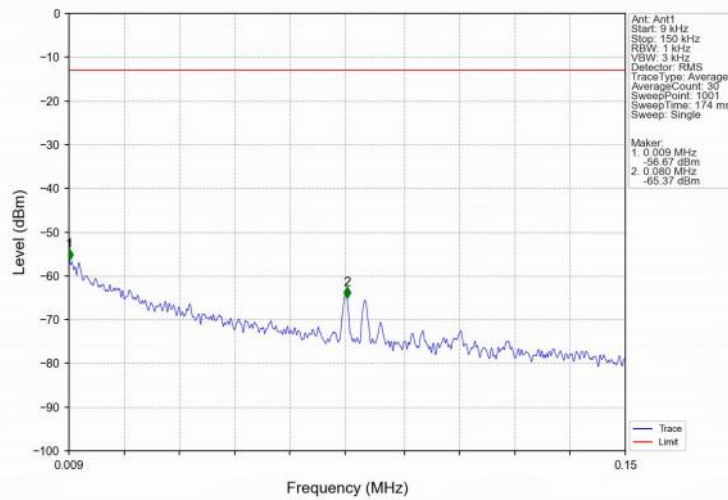


Band12_10MHz_16QAM_LCH_704MHz_RB_1_0_NTNV

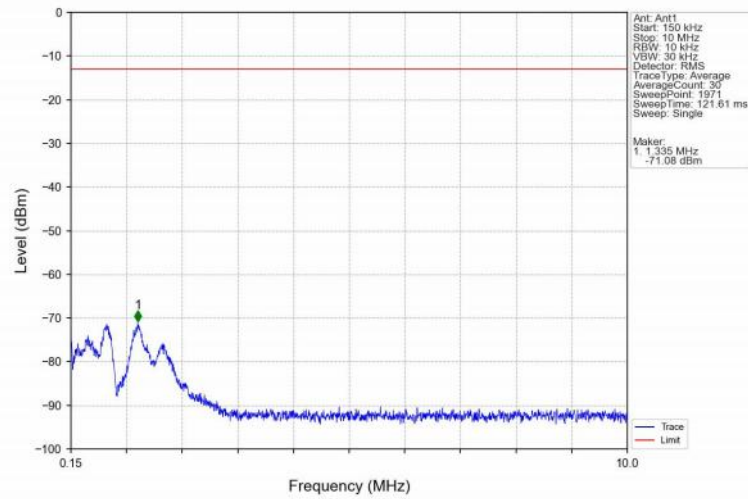


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-40.92	-13	Pass
698.9	699	0.03	/	2	698.992	-34.35	-13	Pass
699	709	0.03	/	/	/	/	/	/

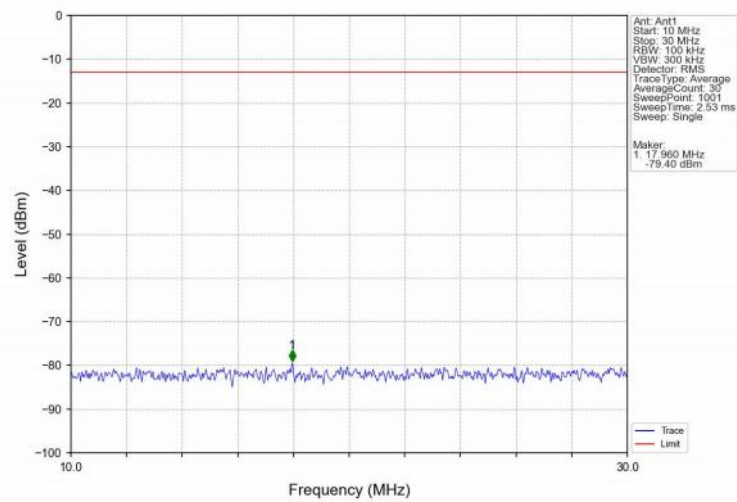
Band12_10MHz_16QAM_LCH_704MHz_RB_1_0_NTNV



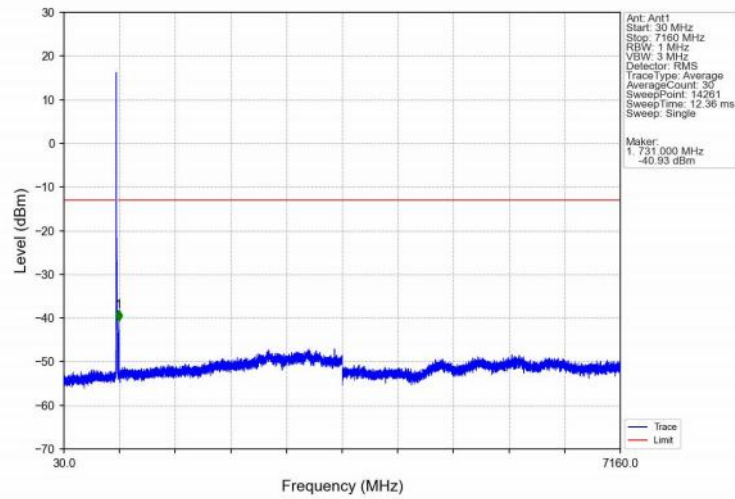
Band12_10MHz_16QAM_LCH_704MHz_RB_1_0_NTNV



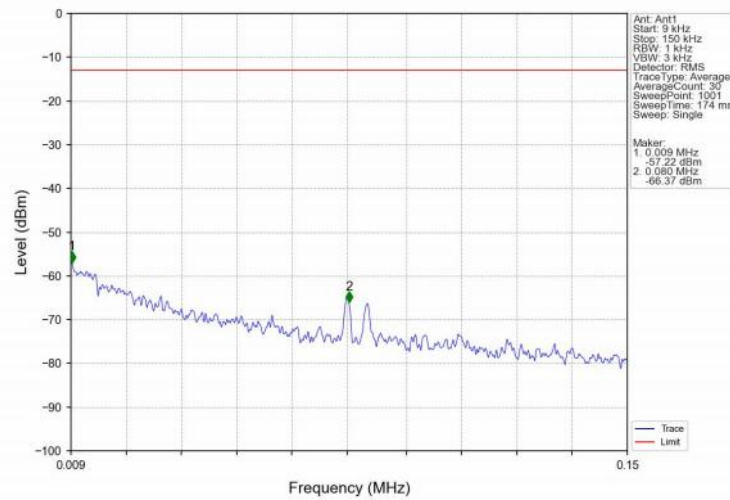
Band12_10MHz_16QAM_LCH_704MHz_RB_1_0_NTNV



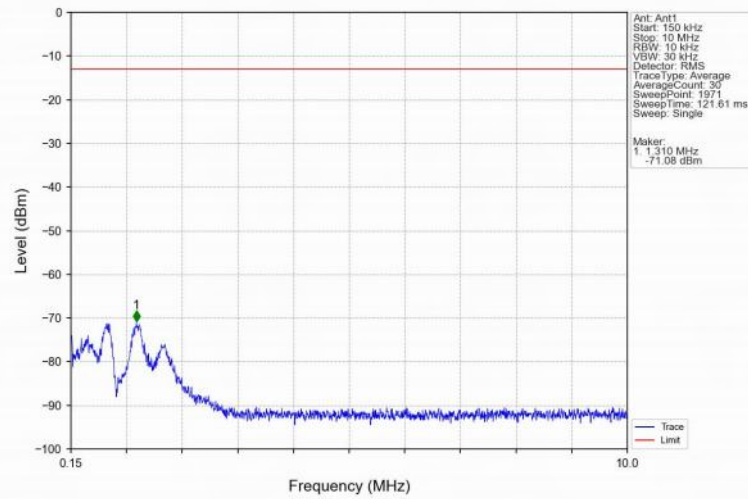
Band12_10MHz_16QAM_LCH_704MHz_RB_1_0_NTNV



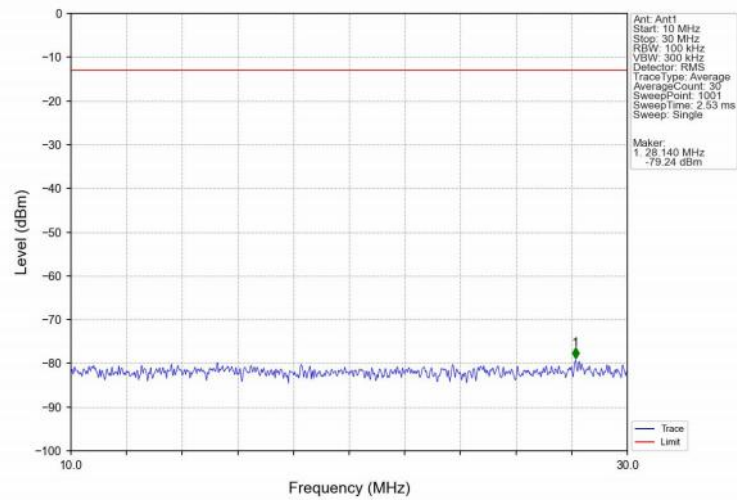
Band12_10MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



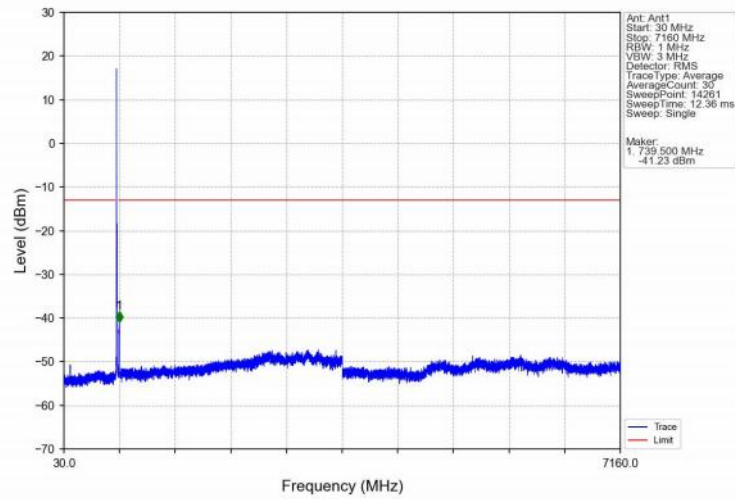
Band12_10MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



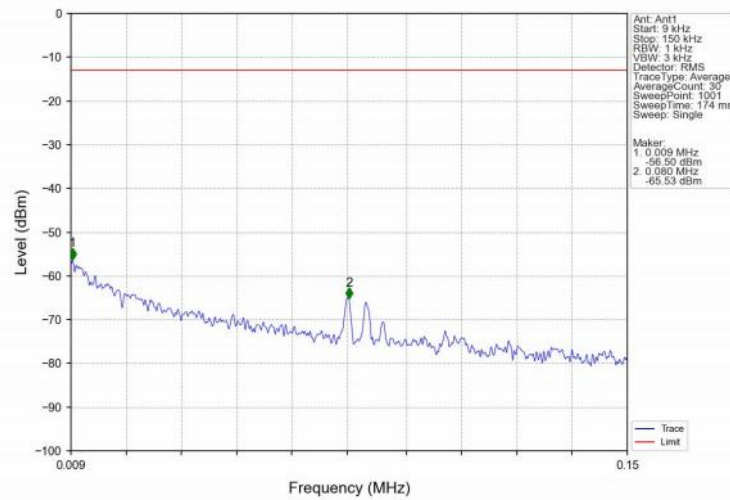
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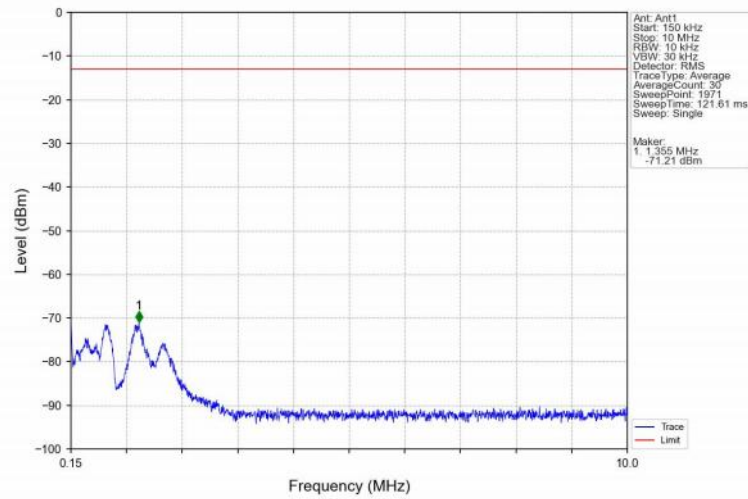
Band12_10MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



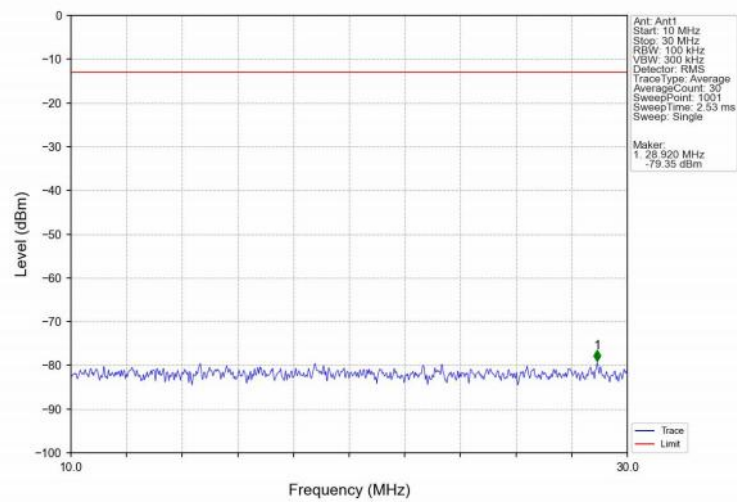
Band12_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV



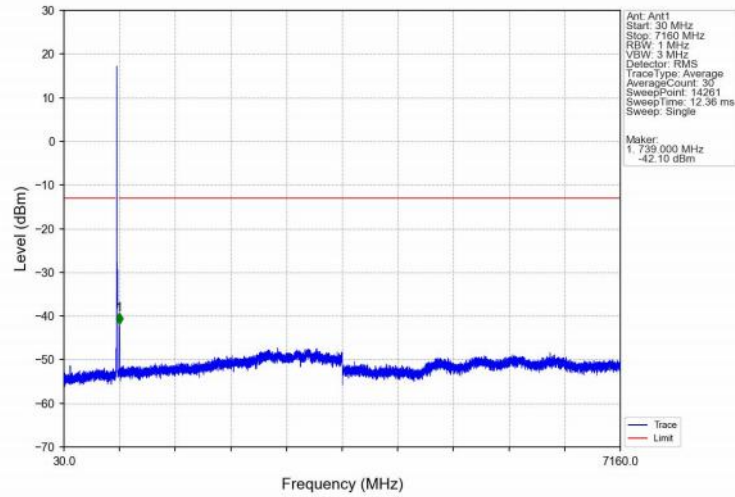
Band12_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV



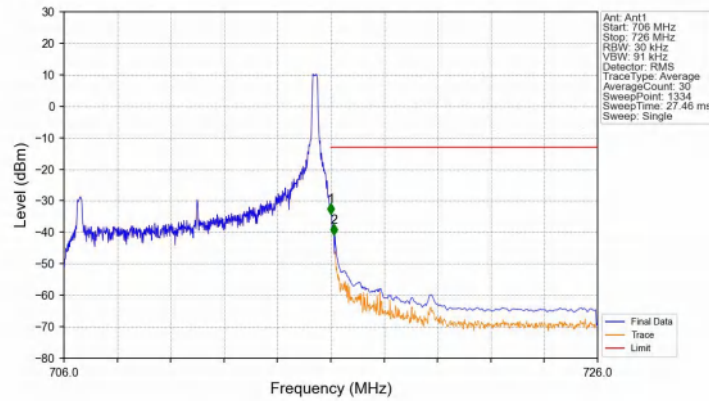
Band12_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV



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	-34.21	-13	Pass
716.1	726	0.1	CHP	2	716.113	-40.87	-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	0.1172	0.0259	ppm	1M12G7D	27H	20.69
12	1.4	699.7	715.3	0.0957	0.0329	ppm	1M11W7D	27H	19.81
12	3	700.5	714.5	0.1161	0.0228	ppm	2M76G7D	27H	20.65
12	3	700.5	714.5	0.1084	0.0290	ppm	2M77W7D	27H	20.35
12	5	701.5	713.5	0.1172	0.0331	ppm	4M59G7D	27H	20.69
12	5	701.5	713.5	0.0893	0.0373	ppm	4M58W7D	27H	19.51
12	10	704	711	0.1164	0.0197	ppm	9M10G7D	27H	20.66
12	10	704	711	0.0955	0.0254	ppm	5M86W7D	27H	19.80

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	0.0859	0.0259	ppm	1M12G7D	27H	19.34
12	1.4	699.7	715.3	0.0701	0.0329	ppm	1M11W7D	27H	18.46
12	3	700.5	714.5	0.0851	0.0228	ppm	2M76G7D	27H	19.30
12	3	700.5	714.5	0.0794	0.0290	ppm	2M77W7D	27H	19.00
12	5	701.5	713.5	0.0859	0.0331	ppm	4M59G7D	27H	19.34
12	5	701.5	713.5	0.0655	0.0373	ppm	4M58W7D	27H	18.16
12	10	704	711	0.0853	0.0197	ppm	9M10G7D	27H	19.31
12	10	704	711	0.0700	0.0254	ppm	5M86W7D	27H	18.45