

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	21.18	-3.22	15.81	<=34.77	Pass
			2	21.18	-3.22	15.81	<=34.77	Pass
			5	21.18	-3.22	15.81	<=34.77	Pass
		3	0	21.10	-3.22	15.73	<=34.77	Pass
			2	21.16	-3.22	15.79	<=34.77	Pass
			3	21.08	-3.22	15.71	<=34.77	Pass
		6	0	20.05	-3.22	14.68	<=34.77	Pass
	707.5	1	0	20.98	-3.22	15.61	<=34.77	Pass
			2	20.98	-3.22	15.61	<=34.77	Pass
			5	20.97	-3.22	15.60	<=34.77	Pass
		3	0	21.09	-3.22	15.72	<=34.77	Pass
			2	21.14	-3.22	15.77	<=34.77	Pass
			3	21.08	-3.22	15.71	<=34.77	Pass
		6	0	19.84	-3.22	14.47	<=34.77	Pass
	715.3	1	0	20.85	-3.22	15.48	<=34.77	Pass
			2	21.04	-3.22	15.67	<=34.77	Pass
			5	20.99	-3.22	15.62	<=34.77	Pass
		3	0	20.78	-3.22	15.41	<=34.77	Pass
			2	20.91	-3.22	15.54	<=34.77	Pass
			3	20.83	-3.22	15.46	<=34.77	Pass
		6	0	19.91	-3.22	14.54	<=34.77	Pass
16QAM	699.7	1	0	20.13	-3.22	14.76	<=34.77	Pass
			2	20.05	-3.22	14.68	<=34.77	Pass
			5	20.13	-3.22	14.76	<=34.77	Pass
		3	0	19.89	-3.22	14.52	<=34.77	Pass
			2	19.83	-3.22	14.46	<=34.77	Pass
			3	19.79	-3.22	14.42	<=34.77	Pass
		6	0	19.25	-3.22	13.88	<=34.77	Pass
	707.5	1	0	20.63	-3.22	15.26	<=34.77	Pass
			2	20.54	-3.22	15.17	<=34.77	Pass
			5	20.58	-3.22	15.21	<=34.77	Pass
		3	0	19.80	-3.22	14.43	<=34.77	Pass
			2	19.85	-3.22	14.48	<=34.77	Pass
			3	19.81	-3.22	14.44	<=34.77	Pass
		6	0	18.89	-3.22	13.52	<=34.77	Pass
	715.3	1	0	19.92	-3.22	14.55	<=34.77	Pass
			2	19.98	-3.22	14.61	<=34.77	Pass
			5	19.99	-3.22	14.62	<=34.77	Pass
		3	0	19.57	-3.22	14.20	<=34.77	Pass
			2	19.64	-3.22	14.27	<=34.77	Pass
			3	19.59	-3.22	14.22	<=34.77	Pass
		6	0	19.02	-3.22	13.65	<=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	21.04	-3.22	15.67	<=34.77	Pass
			7	21.05	-3.22	15.68	<=34.77	Pass
			14	21.08	-3.22	15.71	<=34.77	Pass
		8	0	20.13	-3.22	14.76	<=34.77	Pass
			4	20.03	-3.22	14.66	<=34.77	Pass
			7	20.01	-3.22	14.64	<=34.77	Pass
		15	0	20.10	-3.22	14.73	<=34.77	Pass
	707.5	1	0	20.85	-3.22	15.48	<=34.77	Pass
			7	20.86	-3.22	15.49	<=34.77	Pass
			14	20.88	-3.22	15.51	<=34.77	Pass
		8	0	19.86	-3.22	14.49	<=34.77	Pass
			4	19.81	-3.22	14.44	<=34.77	Pass
			7	19.82	-3.22	14.45	<=34.77	Pass
		15	0	19.92	-3.22	14.55	<=34.77	Pass
	714.5	1	0	20.91	-3.22	15.54	<=34.77	Pass
			7	20.88	-3.22	15.51	<=34.77	Pass
			14	20.92	-3.22	15.55	<=34.77	Pass
		8	0	19.86	-3.22	14.49	<=34.77	Pass
			4	19.77	-3.22	14.40	<=34.77	Pass
			7	19.91	-3.22	14.54	<=34.77	Pass
16QAM	700.5	1	0	20.22	-3.22	14.85	<=34.77	Pass
			7	20.24	-3.22	14.87	<=34.77	Pass
			14	20.18	-3.22	14.81	<=34.77	Pass
		8	0	19.28	-3.22	13.91	<=34.77	Pass
			4	19.23	-3.22	13.86	<=34.77	Pass
			7	19.21	-3.22	13.84	<=34.77	Pass
		15	0	19.10	-3.22	13.73	<=34.77	Pass
	707.5	1	0	21.25	-3.22	15.88	<=34.77	Pass
			7	21.22	-3.22	15.85	<=34.77	Pass
			14	21.20	-3.22	15.83	<=34.77	Pass
		8	0	19.44	-3.22	14.07	<=34.77	Pass
			4	19.01	-3.22	13.64	<=34.77	Pass
			7	18.96	-3.22	13.59	<=34.77	Pass
		15	0	18.94	-3.22	13.57	<=34.77	Pass
	714.5	1	0	20.67	-3.22	15.30	<=34.77	Pass
			7	20.64	-3.22	15.27	<=34.77	Pass
			14	20.66	-3.22	15.29	<=34.77	Pass
		8	0	19.48	-3.22	14.11	<=34.77	Pass
			4	19.43	-3.22	14.06	<=34.77	Pass
			7	19.14	-3.22	13.77	<=34.77	Pass
		15	0	19.44	-3.22	14.07	<=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	20.98	-3.22	15.61	<=34.77	Pass
			13	20.98	-3.22	15.61	<=34.77	Pass
			24	20.90	-3.22	15.53	<=34.77	Pass
		12	0	20.05	-3.22	14.68	<=34.77	Pass
			6	20.02	-3.22	14.65	<=34.77	Pass
			13	20.11	-3.22	14.74	<=34.77	Pass

16QAM	707.5	25	0	20.03	-3.22	14.66	<=34.77	Pass
			0	20.90	-3.22	15.53	<=34.77	Pass
			13	20.96	-3.22	15.59	<=34.77	Pass
			24	20.96	-3.22	15.59	<=34.77	Pass
		12	0	20.00	-3.22	14.63	<=34.77	Pass
			6	19.95	-3.22	14.58	<=34.77	Pass
			13	19.94	-3.22	14.57	<=34.77	Pass
			25	19.94	-3.22	14.57	<=34.77	Pass
		1	0	20.99	-3.22	15.62	<=34.77	Pass
			13	20.98	-3.22	15.61	<=34.77	Pass
			24	20.90	-3.22	15.53	<=34.77	Pass
			25	19.92	-3.22	14.55	<=34.77	Pass
	713.5	12	0	19.97	-3.22	14.60	<=34.77	Pass
			6	19.87	-3.22	14.50	<=34.77	Pass
			13	19.84	-3.22	14.47	<=34.77	Pass
			25	19.92	-3.22	14.55	<=34.77	Pass
		1	0	20.47	-3.22	15.10	<=34.77	Pass
			13	20.54	-3.22	15.17	<=34.77	Pass
			24	20.46	-3.22	15.09	<=34.77	Pass
			25	19.09	-3.22	13.72	<=34.77	Pass
		12	0	19.08	-3.22	13.71	<=34.77	Pass
			6	19.16	-3.22	13.79	<=34.77	Pass
			13	19.25	-3.22	13.88	<=34.77	Pass
			25	19.25	-3.22	13.88	<=34.77	Pass
16QAM	701.5	1	0	20.42	-3.22	15.05	<=34.77	Pass
			13	20.34	-3.22	14.97	<=34.77	Pass
			24	20.45	-3.22	15.08	<=34.77	Pass
			25	19.38	-3.22	14.01	<=34.77	Pass
		12	0	19.01	-3.22	13.64	<=34.77	Pass
			6	19.01	-3.22	13.64	<=34.77	Pass
			13	19.00	-3.22	13.63	<=34.77	Pass
			25	18.95	-3.22	13.58	<=34.77	Pass
		1	0	19.48	-3.22	14.11	<=34.77	Pass
			13	19.62	-3.22	14.25	<=34.77	Pass
			24	19.54	-3.22	14.17	<=34.77	Pass
			25	18.81	-3.22	13.44	<=34.77	Pass
	707.5	1	0	19.26	-3.22	13.89	<=34.77	Pass
			6	19.26	-3.22	13.89	<=34.77	Pass
			13	19.32	-3.22	13.95	<=34.77	Pass
			25	19.32	-3.22	13.95	<=34.77	Pass
		12	0	19.44	-3.22	14.07	<=34.77	Pass
			6	19.44	-3.22	14.07	<=34.77	Pass
			13	19.44	-3.22	14.07	<=34.77	Pass
			25	19.44	-3.22	14.07	<=34.77	Pass
		1	0	19.44	-3.22	14.07	<=34.77	Pass
			6	19.44	-3.22	14.07	<=34.77	Pass
			13	19.44	-3.22	14.07	<=34.77	Pass
			25	19.44	-3.22	14.07	<=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	20.91	-3.22	15.54	<=34.77	Pass
			25	20.89	-3.22	15.52	<=34.77	Pass
			49	20.81	-3.22	15.44	<=34.77	Pass
		25	0	19.93	-3.22	14.56	<=34.77	Pass
			13	20.03	-3.22	14.66	<=34.77	Pass
			25	19.98	-3.22	14.61	<=34.77	Pass
		50	0	19.94	-3.22	14.57	<=34.77	Pass
			0	21.02	-3.22	15.65	<=34.77	Pass
	707.5	1	25	21.11	-3.22	15.74	<=34.77	Pass
			49	21.05	-3.22	15.68	<=34.77	Pass
			0	20.00	-3.22	14.63	<=34.77	Pass
		25	13	19.86	-3.22	14.49	<=34.77	Pass
			25	19.96	-3.22	14.59	<=34.77	Pass
			0	19.98	-3.22	14.61	<=34.77	Pass
		50	0	19.98	-3.22	14.61	<=34.77	Pass
			0	19.98	-3.22	14.61	<=34.77	Pass

16QAM	711	1	0	20.88	-3.22	15.51	<=34.77	Pass
			25	20.86	-3.22	15.49	<=34.77	Pass
			49	20.88	-3.22	15.51	<=34.77	Pass
		25	0	19.91	-3.22	14.54	<=34.77	Pass
			13	19.90	-3.22	14.53	<=34.77	Pass
			25	19.82	-3.22	14.45	<=34.77	Pass
		50	0	19.90	-3.22	14.53	<=34.77	Pass
	704	1	0	20.17	-3.22	14.80	<=34.77	Pass
			25	20.16	-3.22	14.79	<=34.77	Pass
			49	20.10	-3.22	14.73	<=34.77	Pass
		25	0	19.24	-3.22	13.87	<=34.77	Pass
			13	19.08	-3.22	13.71	<=34.77	Pass
			25	19.57	-3.22	14.20	<=34.77	Pass
		50	0	19.07	-3.22	13.70	<=34.77	Pass
	707.5	1	0	21.30	-3.22	15.93	<=34.77	Pass
			25	21.16	-3.22	15.79	<=34.77	Pass
			49	21.20	-3.22	15.83	<=34.77	Pass
		25	0	19.43	-3.22	14.06	<=34.77	Pass
			13	19.00	-3.22	13.63	<=34.77	Pass
			25	19.50	-3.22	14.13	<=34.77	Pass
		50	0	18.99	-3.22	13.62	<=34.77	Pass
	711	1	0	20.47	-3.22	15.10	<=34.77	Pass
			25	20.48	-3.22	15.11	<=34.77	Pass
			49	20.58	-3.22	15.21	<=34.77	Pass
		25	0	18.99	-3.22	13.62	<=34.77	Pass
			13	19.37	-3.22	14.00	<=34.77	Pass
			25	19.38	-3.22	14.01	<=34.77	Pass
		50	0	19.34	-3.22	13.97	<=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	20.270	0.0290	-2.5 to 2.5	Pass
					3.85	27.180	0.0388	-2.5 to 2.5	Pass
					4.43	15.020	0.0215	-2.5 to 2.5	Pass
				-30	3.85	2.975	0.0043	-2.5 to 2.5	Pass
				-20	3.85	-3.490	-0.0050	-2.5 to 2.5	Pass
				-10	3.85	-14.033	-0.0201	-2.5 to 2.5	Pass
				0	3.85	-20.528	-0.0293	-2.5 to 2.5	Pass
				10	3.85	-24.390	-0.0349	-2.5 to 2.5	Pass
				30	3.85	-29.426	-0.0421	-2.5 to 2.5	Pass
				40	3.85	-32.573	-0.0466	-2.5 to 2.5	Pass
				50	3.85	-35.391	-0.0506	-2.5 to 2.5	Pass
	707.5	6	0	20	3.27	9.956	0.0141	-2.5 to 2.5	Pass
					3.85	15.864	0.0224	-2.5 to 2.5	Pass
					4.43	16.537	0.0234	-2.5 to 2.5	Pass
				-30	3.85	21.629	0.0306	-2.5 to 2.5	Pass
				-20	3.85	22.473	0.0318	-2.5 to 2.5	Pass
				-10	3.85	25.892	0.0366	-2.5 to 2.5	Pass

	715.3	6	0	0	3.85	24.576	0.0347	-2.5 to 2.5	Pass
				10	3.85	24.319	0.0344	-2.5 to 2.5	Pass
				30	3.85	25.949	0.0367	-2.5 to 2.5	Pass
				40	3.85	28.853	0.0408	-2.5 to 2.5	Pass
				50	3.85	30.069	0.0425	-2.5 to 2.5	Pass
				20	3.27	10.171	0.0142	-2.5 to 2.5	Pass
					3.85	11.258	0.0157	-2.5 to 2.5	Pass
					4.43	8.111	0.0113	-2.5 to 2.5	Pass
				-30	3.85	2.704	0.0038	-2.5 to 2.5	Pass
				-20	3.85	-2.575	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	-4.892	-0.0068	-2.5 to 2.5	Pass
				0	3.85	-11.115	-0.0155	-2.5 to 2.5	Pass
				10	3.85	-10.614	-0.0148	-2.5 to 2.5	Pass
				30	3.85	-8.111	-0.0113	-2.5 to 2.5	Pass
				40	3.85	-1.960	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-5.779	-0.0081	-2.5 to 2.5	Pass
16QAM	699.7	6	0	20	3.27	-40.727	-0.0582	-2.5 to 2.5	Pass
					3.85	-40.855	-0.0584	-2.5 to 2.5	Pass
					4.43	-39.825	-0.0569	-2.5 to 2.5	Pass
				-30	3.85	-34.232	-0.0489	-2.5 to 2.5	Pass
				-20	3.85	-33.216	-0.0475	-2.5 to 2.5	Pass
				-10	3.85	-31.843	-0.0455	-2.5 to 2.5	Pass
				0	3.85	-32.530	-0.0465	-2.5 to 2.5	Pass
				10	3.85	-32.830	-0.0469	-2.5 to 2.5	Pass
				30	3.85	-29.240	-0.0418	-2.5 to 2.5	Pass
				40	3.85	-26.836	-0.0384	-2.5 to 2.5	Pass
				50	3.85	-25.349	-0.0362	-2.5 to 2.5	Pass
	707.5	6	0	20	3.27	31.714	0.0448	-2.5 to 2.5	Pass
					3.85	36.092	0.0510	-2.5 to 2.5	Pass
					4.43	39.153	0.0553	-2.5 to 2.5	Pass
				-30	3.85	44.689	0.0632	-2.5 to 2.5	Pass
				-20	3.85	50.240	0.0710	-2.5 to 2.5	Pass
				-10	3.85	2.890	0.0041	-2.5 to 2.5	Pass
				0	3.85	3.777	0.0053	-2.5 to 2.5	Pass
				10	3.85	7.739	0.0109	-2.5 to 2.5	Pass
				30	3.85	11.644	0.0165	-2.5 to 2.5	Pass
				40	3.85	15.721	0.0222	-2.5 to 2.5	Pass
				50	3.85	17.738	0.0251	-2.5 to 2.5	Pass
	715.3	6	0	20	3.27	-8.826	-0.0123	-2.5 to 2.5	Pass
					3.85	-7.324	-0.0102	-2.5 to 2.5	Pass
					4.43	-3.319	-0.0046	-2.5 to 2.5	Pass
				-30	3.85	1.216	0.0017	-2.5 to 2.5	Pass
				-20	3.85	4.964	0.0069	-2.5 to 2.5	Pass
				-10	3.85	5.035	0.0070	-2.5 to 2.5	Pass
				0	3.85	9.098	0.0127	-2.5 to 2.5	Pass
				10	3.85	13.475	0.0188	-2.5 to 2.5	Pass
				30	3.85	13.905	0.0194	-2.5 to 2.5	Pass
				40	3.85	14.520	0.0203	-2.5 to 2.5	Pass
				50	3.85	16.093	0.0225	-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	12.517	0.0179	-2.5 to 2.5	Pass
					3.85	-17.080	-0.0244	-2.5 to 2.5	Pass

16QAM	707.5	15	0		4.43	-24.476	-0.0349	-2.5 to 2.5	Pass
				-30	3.85	-27.337	-0.0390	-2.5 to 2.5	Pass
				-20	3.85	-19.741	-0.0282	-2.5 to 2.5	Pass
				-10	3.85	-0.801	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-24.977	-0.0357	-2.5 to 2.5	Pass
				10	3.85	-42.815	-0.0611	-2.5 to 2.5	Pass
				30	3.85	-14.248	-0.0203	-2.5 to 2.5	Pass
				40	3.85	-29.140	-0.0416	-2.5 to 2.5	Pass
				50	3.85	-38.252	-0.0546	-2.5 to 2.5	Pass
	714.5	15	0	20	3.27	4.249	0.0060	-2.5 to 2.5	Pass
					3.85	7.753	0.0110	-2.5 to 2.5	Pass
					4.43	6.609	0.0093	-2.5 to 2.5	Pass
				-30	3.85	4.835	0.0068	-2.5 to 2.5	Pass
				-20	3.85	5.751	0.0081	-2.5 to 2.5	Pass
				-10	3.85	0.730	0.0010	-2.5 to 2.5	Pass
				0	3.85	-3.090	-0.0044	-2.5 to 2.5	Pass
				10	3.85	-3.219	-0.0045	-2.5 to 2.5	Pass
				30	3.85	-1.717	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-4.463	-0.0063	-2.5 to 2.5	Pass
				50	3.85	-6.022	-0.0085	-2.5 to 2.5	Pass
	714.5	15	0	20	3.27	7.510	0.0105	-2.5 to 2.5	Pass
					3.85	6.552	0.0092	-2.5 to 2.5	Pass
					4.43	1.001	0.0014	-2.5 to 2.5	Pass
				-30	3.85	-5.236	-0.0073	-2.5 to 2.5	Pass
				-20	3.85	-8.512	-0.0119	-2.5 to 2.5	Pass
				-10	3.85	-14.334	-0.0201	-2.5 to 2.5	Pass
				0	3.85	-18.497	-0.0259	-2.5 to 2.5	Pass
				10	3.85	-25.578	-0.0358	-2.5 to 2.5	Pass
	700.5	15	0	30	3.85	-26.507	-0.0371	-2.5 to 2.5	Pass
				40	3.85	-26.951	-0.0377	-2.5 to 2.5	Pass
				50	3.85	-26.736	-0.0374	-2.5 to 2.5	Pass
				20	3.27	-0.229	-0.0003	-2.5 to 2.5	Pass
					3.85	-4.807	-0.0069	-2.5 to 2.5	Pass
					4.43	-7.782	-0.0111	-2.5 to 2.5	Pass
				-30	3.85	-9.456	-0.0135	-2.5 to 2.5	Pass
				-20	3.85	-45.419	-0.0648	-2.5 to 2.5	Pass
	707.5	15	0	-10	3.85	-34.704	-0.0495	-2.5 to 2.5	Pass
				0	3.85	-43.945	-0.0627	-2.5 to 2.5	Pass
				10	3.85	-43.573	-0.0622	-2.5 to 2.5	Pass
				30	3.85	-40.369	-0.0576	-2.5 to 2.5	Pass
				40	3.85	-46.134	-0.0659	-2.5 to 2.5	Pass
				50	3.85	-45.633	-0.0651	-2.5 to 2.5	Pass
				20	3.27	-7.253	-0.0103	-2.5 to 2.5	Pass
					3.85	-6.695	-0.0095	-2.5 to 2.5	Pass
					4.43	-1.073	-0.0015	-2.5 to 2.5	Pass
	714.5	15	0	-30	3.85	0.429	0.0006	-2.5 to 2.5	Pass
				-20	3.85	2.732	0.0039	-2.5 to 2.5	Pass
				-10	3.85	1.931	0.0027	-2.5 to 2.5	Pass
				0	3.85	4.420	0.0062	-2.5 to 2.5	Pass
				10	3.85	3.562	0.0050	-2.5 to 2.5	Pass
				30	3.85	5.093	0.0072	-2.5 to 2.5	Pass
				40	3.85	7.253	0.0103	-2.5 to 2.5	Pass
				50	3.85	4.678	0.0066	-2.5 to 2.5	Pass
	714.5	15	0	20	3.27	-29.254	-0.0409	-2.5 to 2.5	Pass
					3.85	-28.625	-0.0401	-2.5 to 2.5	Pass
					4.43	-27.623	-0.0387	-2.5 to 2.5	Pass
				-30	3.85	-24.247	-0.0339	-2.5 to 2.5	Pass
				-20	3.85	-23.317	-0.0326	-2.5 to 2.5	Pass
				-10	3.85	-20.113	-0.0281	-2.5 to 2.5	Pass

			0	3.85	-20.056	-0.0281	-2.5 to 2.5	Pass
			10	3.85	-19.913	-0.0279	-2.5 to 2.5	Pass
			30	3.85	-20.199	-0.0283	-2.5 to 2.5	Pass
			40	3.85	-18.811	-0.0263	-2.5 to 2.5	Pass
			50	3.85	-19.212	-0.0269	-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	5.708	0.0081	-2.5 to 2.5	Pass
					3.85	-13.003	-0.0185	-2.5 to 2.5	Pass
					4.43	-10.786	-0.0154	-2.5 to 2.5	Pass
				-30	3.85	-32.959	-0.0470	-2.5 to 2.5	Pass
				-20	3.85	-12.631	-0.0180	-2.5 to 2.5	Pass
				-10	3.85	-27.680	-0.0395	-2.5 to 2.5	Pass
				0	3.85	-42.343	-0.0604	-2.5 to 2.5	Pass
				10	3.85	-6.824	-0.0097	-2.5 to 2.5	Pass
				30	3.85	-19.498	-0.0278	-2.5 to 2.5	Pass
				40	3.85	-27.123	-0.0387	-2.5 to 2.5	Pass
				50	3.85	-38.095	-0.0543	-2.5 to 2.5	Pass
	707.5	25	0	20	3.27	6.738	0.0095	-2.5 to 2.5	Pass
					3.85	9.027	0.0128	-2.5 to 2.5	Pass
					4.43	7.868	0.0111	-2.5 to 2.5	Pass
				-30	3.85	7.524	0.0106	-2.5 to 2.5	Pass
				-20	3.85	6.137	0.0087	-2.5 to 2.5	Pass
				-10	3.85	-0.772	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-5.550	-0.0078	-2.5 to 2.5	Pass
				10	3.85	-6.552	-0.0093	-2.5 to 2.5	Pass
				30	3.85	-6.967	-0.0098	-2.5 to 2.5	Pass
				40	3.85	-9.670	-0.0137	-2.5 to 2.5	Pass
				50	3.85	-11.516	-0.0163	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	6.409	0.0090	-2.5 to 2.5	Pass
					3.85	6.366	0.0089	-2.5 to 2.5	Pass
					4.43	5.479	0.0077	-2.5 to 2.5	Pass
				-30	3.85	-1.502	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-6.623	-0.0093	-2.5 to 2.5	Pass
				-10	3.85	-8.168	-0.0114	-2.5 to 2.5	Pass
				0	3.85	-10.242	-0.0144	-2.5 to 2.5	Pass
				10	3.85	-11.830	-0.0166	-2.5 to 2.5	Pass
				30	3.85	-15.135	-0.0212	-2.5 to 2.5	Pass
				40	3.85	-15.492	-0.0217	-2.5 to 2.5	Pass
16QAM	701.5	25	0	20	3.27	-42.229	-0.0602	-2.5 to 2.5	Pass
					3.85	-46.320	-0.0660	-2.5 to 2.5	Pass
					4.43	-0.501	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	1.945	0.0028	-2.5 to 2.5	Pass
				-20	3.85	3.190	0.0045	-2.5 to 2.5	Pass
				-10	3.85	2.131	0.0030	-2.5 to 2.5	Pass
				0	3.85	1.287	0.0018	-2.5 to 2.5	Pass
				10	3.85	3.662	0.0052	-2.5 to 2.5	Pass
				30	3.85	4.506	0.0064	-2.5 to 2.5	Pass
				40	3.85	5.436	0.0077	-2.5 to 2.5	Pass
				50	3.85	3.161	0.0045	-2.5 to 2.5	Pass
	707.5	25	0	20	3.27	-11.086	-0.0157	-2.5 to 2.5	Pass
					3.85	-10.328	-0.0146	-2.5 to 2.5	Pass

					4.43	-8.125	-0.0115	-2.5 to 2.5	Pass
				-30	3.85	-5.264	-0.0074	-2.5 to 2.5	Pass
				-20	3.85	-2.418	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	0.629	0.0009	-2.5 to 2.5	Pass
				0	3.85	2.518	0.0036	-2.5 to 2.5	Pass
				10	3.85	-1.087	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-0.329	-0.0005	-2.5 to 2.5	Pass
				40	3.85	0.844	0.0012	-2.5 to 2.5	Pass
				50	3.85	2.732	0.0039	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-19.755	-0.0277	-2.5 to 2.5	Pass
					3.85	-17.238	-0.0242	-2.5 to 2.5	Pass
					4.43	-14.820	-0.0208	-2.5 to 2.5	Pass
				-30	3.85	-12.918	-0.0181	-2.5 to 2.5	Pass
				-20	3.85	-9.856	-0.0138	-2.5 to 2.5	Pass
				-10	3.85	-12.159	-0.0170	-2.5 to 2.5	Pass
				0	3.85	-11.001	-0.0154	-2.5 to 2.5	Pass
				10	3.85	-11.516	-0.0161	-2.5 to 2.5	Pass
				30	3.85	-10.886	-0.0153	-2.5 to 2.5	Pass
				40	3.85	-12.875	-0.0180	-2.5 to 2.5	Pass
				50	3.85	-11.873	-0.0166	-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	22.888	0.0325	-2.5 to 2.5	Pass
					3.85	15.564	0.0221	-2.5 to 2.5	Pass
					4.43	-19.841	-0.0282	-2.5 to 2.5	Pass
				-30	3.85	-8.326	-0.0118	-2.5 to 2.5	Pass
				-20	3.85	-15.206	-0.0216	-2.5 to 2.5	Pass
				-10	3.85	-31.428	-0.0446	-2.5 to 2.5	Pass
				0	3.85	-39.368	-0.0559	-2.5 to 2.5	Pass
				10	3.85	-11.787	-0.0167	-2.5 to 2.5	Pass
				30	3.85	-20.614	-0.0293	-2.5 to 2.5	Pass
				40	3.85	-23.446	-0.0333	-2.5 to 2.5	Pass
				50	3.85	-29.469	-0.0419	-2.5 to 2.5	Pass
	707.5	50	0	20	3.27	4.592	0.0065	-2.5 to 2.5	Pass
					3.85	3.991	0.0056	-2.5 to 2.5	Pass
					4.43	-8.883	-0.0126	-2.5 to 2.5	Pass
				-30	3.85	-11.845	-0.0167	-2.5 to 2.5	Pass
				-20	3.85	-15.020	-0.0212	-2.5 to 2.5	Pass
				-10	3.85	-17.724	-0.0251	-2.5 to 2.5	Pass
				0	3.85	-19.698	-0.0278	-2.5 to 2.5	Pass
				10	3.85	-19.269	-0.0272	-2.5 to 2.5	Pass
				30	3.85	-21.400	-0.0302	-2.5 to 2.5	Pass
				40	3.85	-21.443	-0.0303	-2.5 to 2.5	Pass
				50	3.85	-23.732	-0.0335	-2.5 to 2.5	Pass
	711	50	0	20	3.27	10.085	0.0142	-2.5 to 2.5	Pass
					3.85	13.318	0.0187	-2.5 to 2.5	Pass
					4.43	7.854	0.0110	-2.5 to 2.5	Pass
				-30	3.85	4.163	0.0059	-2.5 to 2.5	Pass
				-20	3.85	0.844	0.0012	-2.5 to 2.5	Pass
				-10	3.85	-2.632	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-4.749	-0.0067	-2.5 to 2.5	Pass
				10	3.85	-7.238	-0.0102	-2.5 to 2.5	Pass
				30	3.85	-7.911	-0.0111	-2.5 to 2.5	Pass

16QAM	704	50	0	40	3.85	-9.642	-0.0136	-2.5 to 2.5	Pass
				50	3.85	-11.587	-0.0163	-2.5 to 2.5	Pass
				20	3.27	-32.687	-0.0464	-2.5 to 2.5	Pass
					3.85	-31.900	-0.0453	-2.5 to 2.5	Pass
					4.43	-29.483	-0.0419	-2.5 to 2.5	Pass
				-30	3.85	-26.793	-0.0381	-2.5 to 2.5	Pass
				-20	3.85	-25.520	-0.0363	-2.5 to 2.5	Pass
				-10	3.85	-23.217	-0.0330	-2.5 to 2.5	Pass
				0	3.85	-22.745	-0.0323	-2.5 to 2.5	Pass
				10	3.85	-21.343	-0.0303	-2.5 to 2.5	Pass
				30	3.85	-18.654	-0.0265	-2.5 to 2.5	Pass
				40	3.85	-18.497	-0.0263	-2.5 to 2.5	Pass
				50	3.85	-17.323	-0.0246	-2.5 to 2.5	Pass
	707.5	50	0	20	3.27	-27.695	-0.0391	-2.5 to 2.5	Pass
					3.85	-23.975	-0.0339	-2.5 to 2.5	Pass
					4.43	-22.001	-0.0311	-2.5 to 2.5	Pass
				-30	3.85	-22.588	-0.0319	-2.5 to 2.5	Pass
				-20	3.85	-20.814	-0.0294	-2.5 to 2.5	Pass
				-10	3.85	-21.043	-0.0297	-2.5 to 2.5	Pass
				0	3.85	-15.464	-0.0219	-2.5 to 2.5	Pass
				10	3.85	-15.736	-0.0222	-2.5 to 2.5	Pass
				30	3.85	-16.580	-0.0234	-2.5 to 2.5	Pass
				40	3.85	-15.736	-0.0222	-2.5 to 2.5	Pass
				50	3.85	-14.763	-0.0209	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-11.830	-0.0166	-2.5 to 2.5	Pass
					3.85	-11.659	-0.0164	-2.5 to 2.5	Pass
					4.43	-12.188	-0.0171	-2.5 to 2.5	Pass
				-30	3.85	-12.789	-0.0180	-2.5 to 2.5	Pass
				-20	3.85	-14.219	-0.0200	-2.5 to 2.5	Pass
				-10	3.85	-12.045	-0.0169	-2.5 to 2.5	Pass
				0	3.85	-12.460	-0.0175	-2.5 to 2.5	Pass
				10	3.85	-10.700	-0.0150	-2.5 to 2.5	Pass
				30	3.85	-9.313	-0.0131	-2.5 to 2.5	Pass
				40	3.85	-9.069	-0.0128	-2.5 to 2.5	Pass
				50	3.85	-9.141	-0.0129	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B12_1.4MHz

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

3.1.2 B12_3MHz

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

3.1.3 B12_5MHz

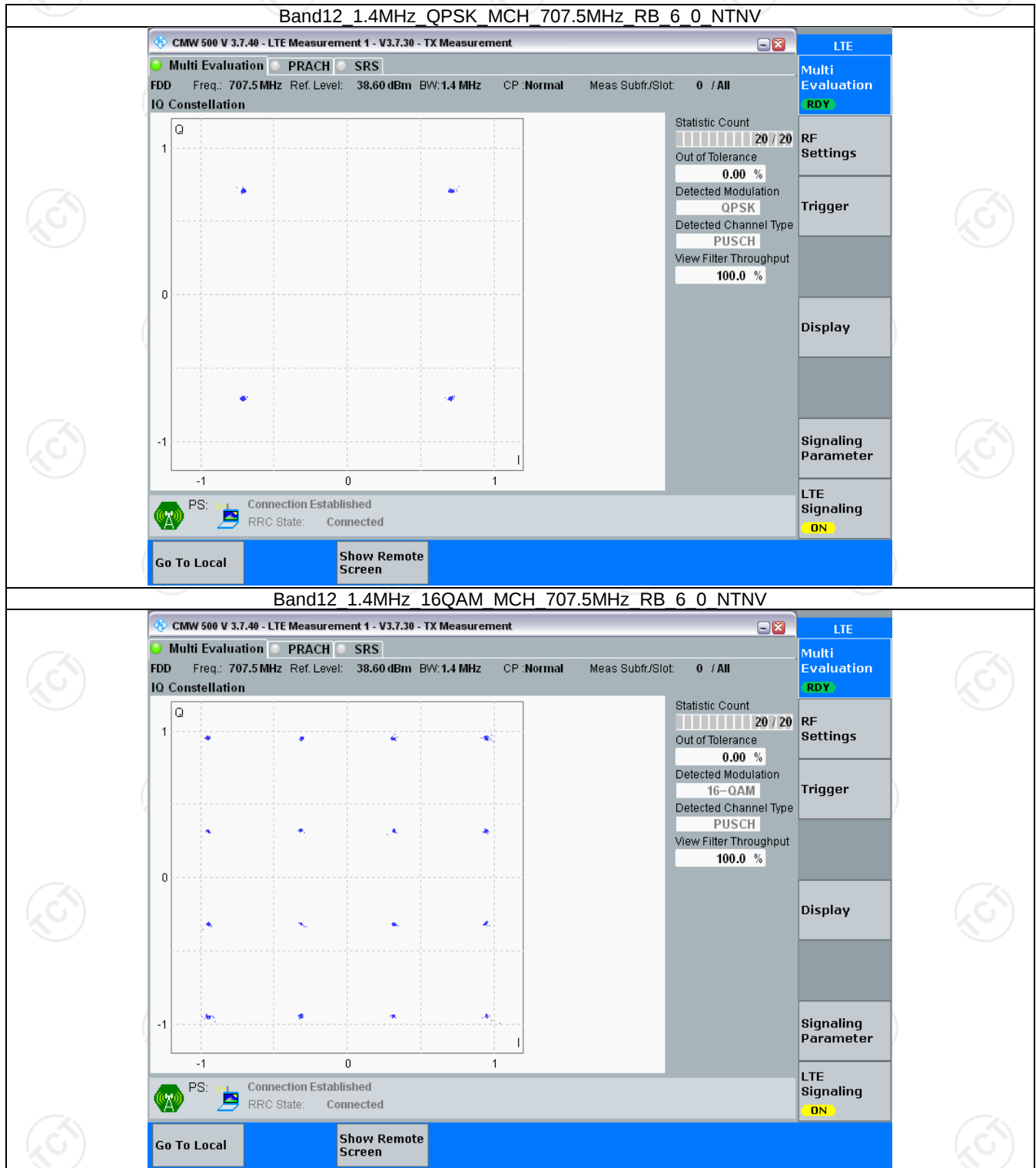
Band: 12 / Bandwidth: 5MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	707.5	25	0	Refer To Test Graph		Pass
16QAM	707.5	25	0	Refer To Test Graph		Pass

3.1.4 B12_10MHz

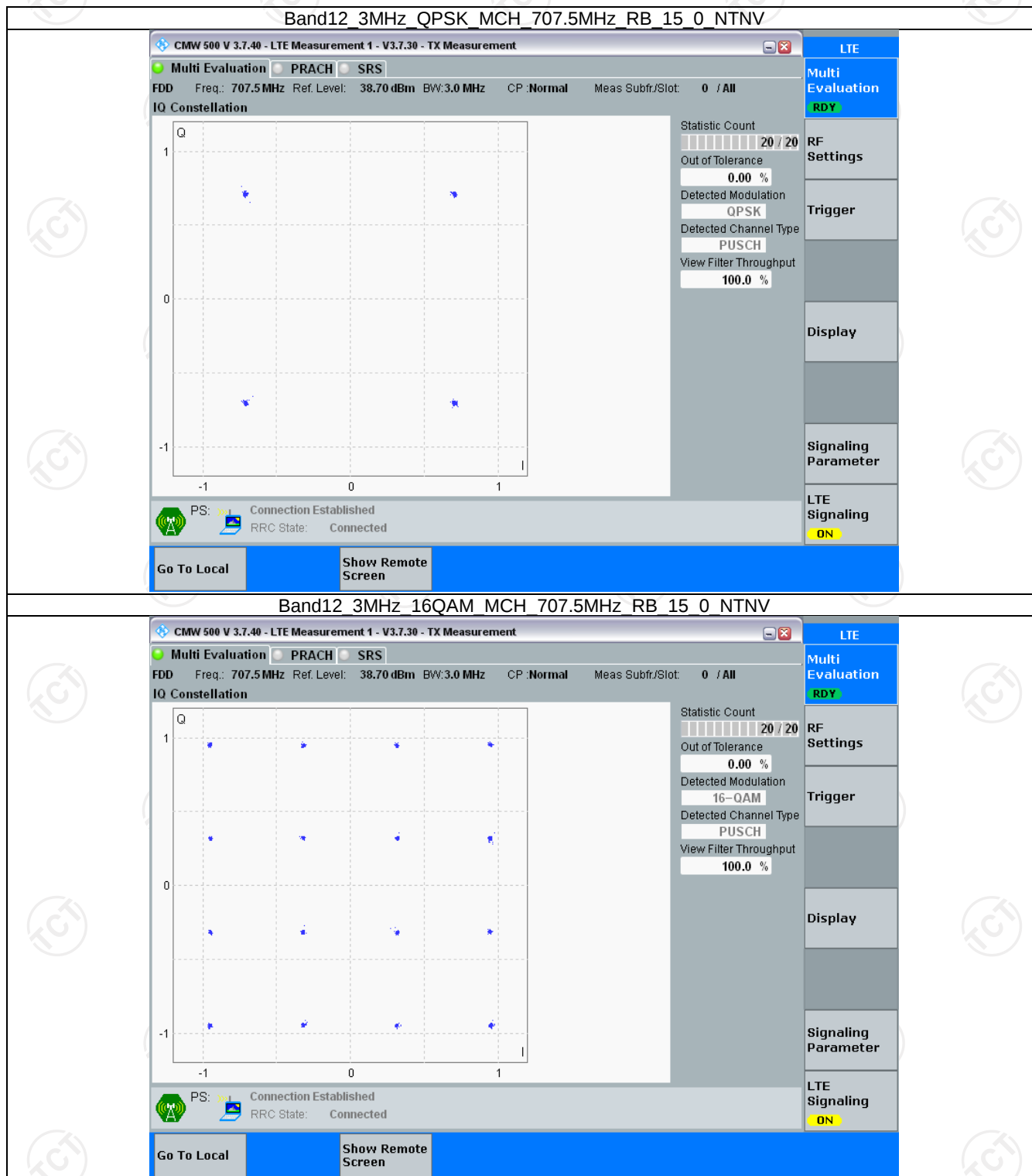
Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	707.5	50	0	Refer To Test Graph		Pass
16QAM	707.5	50	0	Refer To Test Graph		Pass

3.2 Test Graph

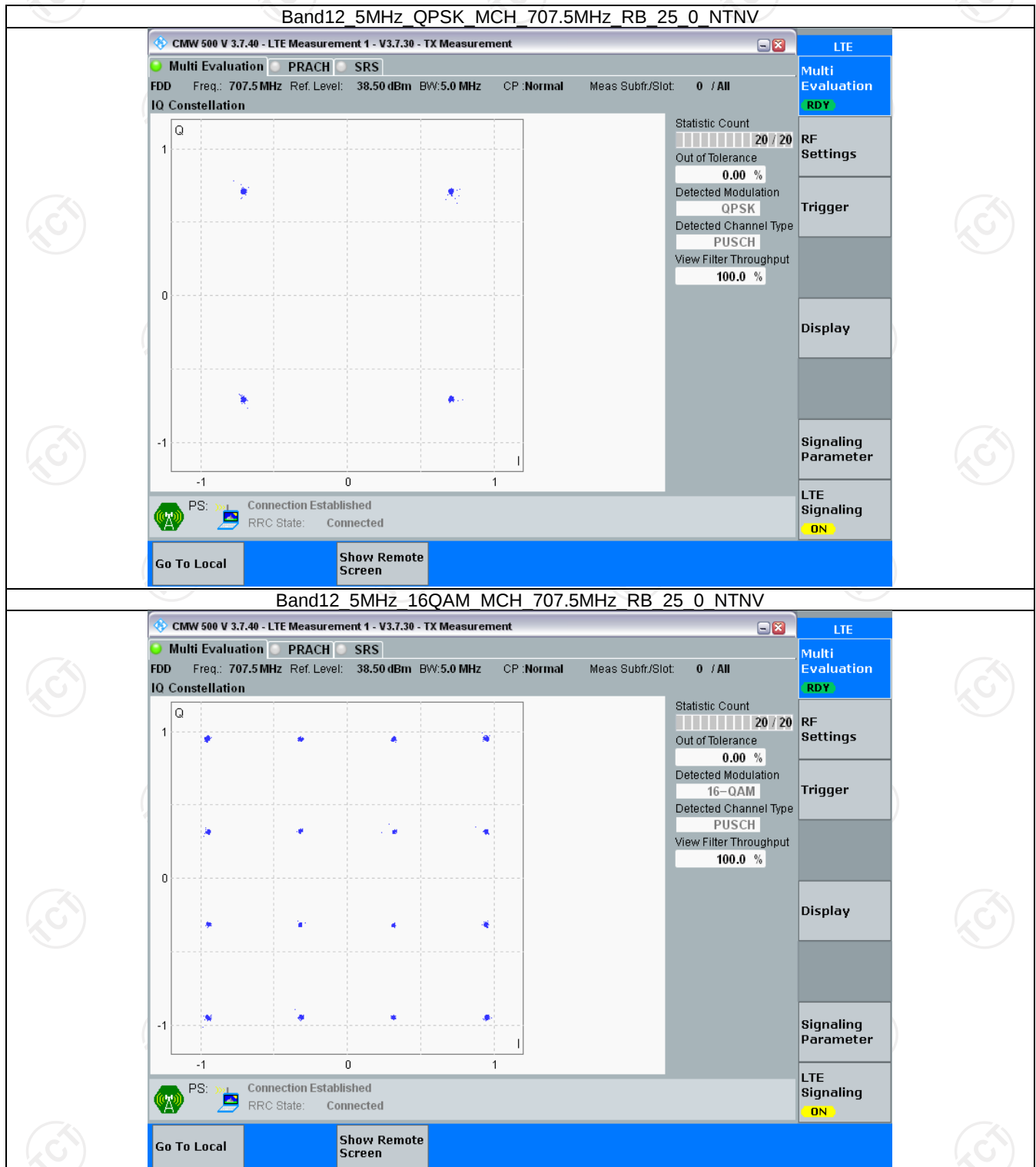
3.2.1 B12_1.4MHz



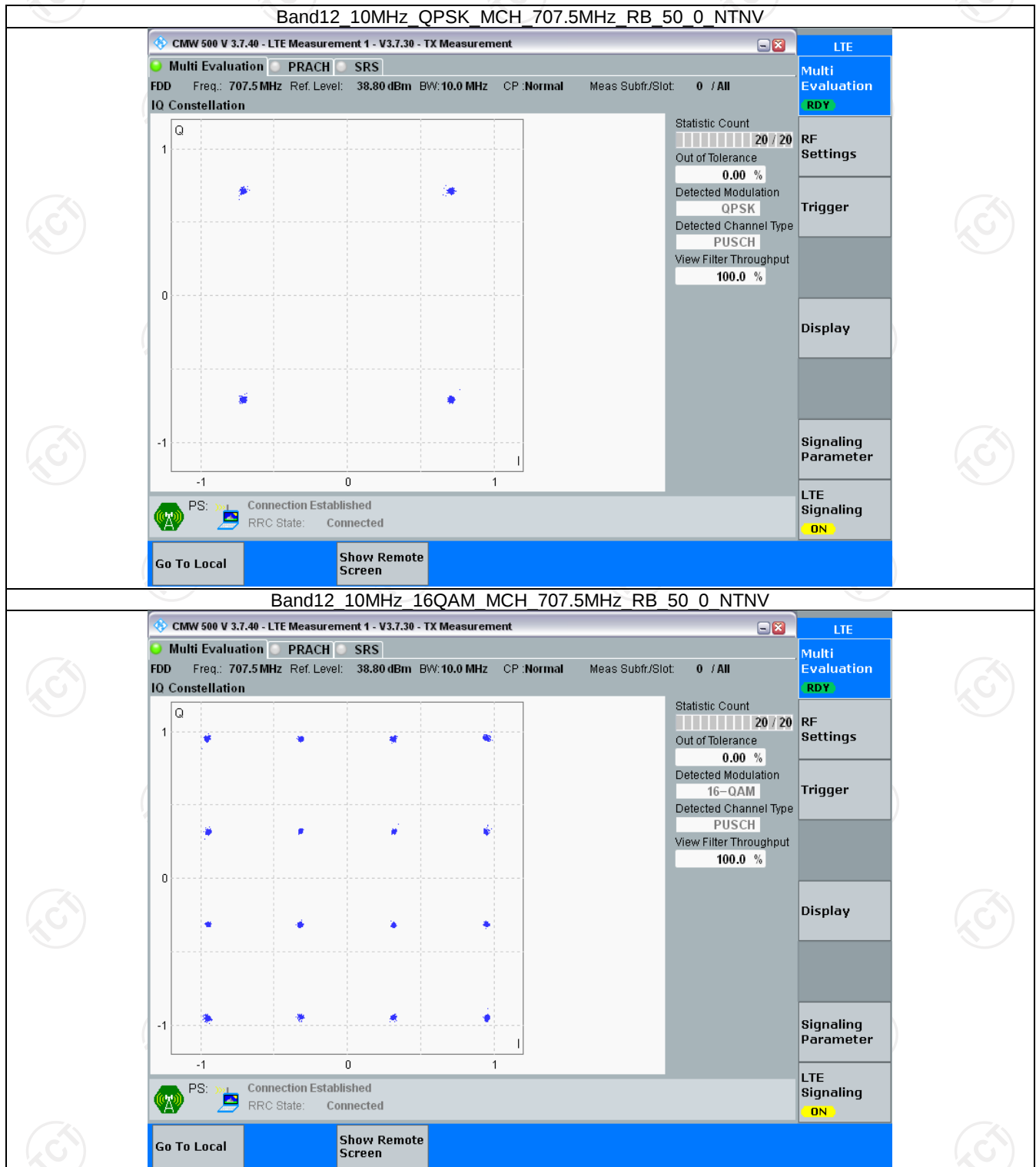
3.2.2 B12_3MHz



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	1.107	/	Pass
		715.3	6	0	1.111	/	Pass
	16QAM	699.7	6	0	1.114	/	Pass
		707.5	6	0	1.108	/	Pass
		715.3	6	0	1.116	/	Pass
3	QPSK	700.5	15	0	2.758	/	Pass
		707.5	15	0	2.769	/	Pass
		714.5	15	0	2.755	/	Pass
	16QAM	700.5	15	0	2.757	/	Pass
		707.5	15	0	2.746	/	Pass
		714.5	15	0	2.762	/	Pass
5	QPSK	701.5	25	0	4.552	/	Pass
		707.5	25	0	4.561	/	Pass
		713.5	25	0	4.558	/	Pass
	16QAM	701.5	25	0	4.576	/	Pass
		707.5	25	0	4.572	/	Pass
		713.5	25	0	4.525	/	Pass
10	QPSK	704	50	0	9.076	/	Pass
		707.5	50	0	9.067	/	Pass
		711	50	0	9.074	/	Pass
	16QAM	704	50	0	9.036	/	Pass
		707.5	50	0	9.115	/	Pass
		711	50	0	9.091	/	Pass

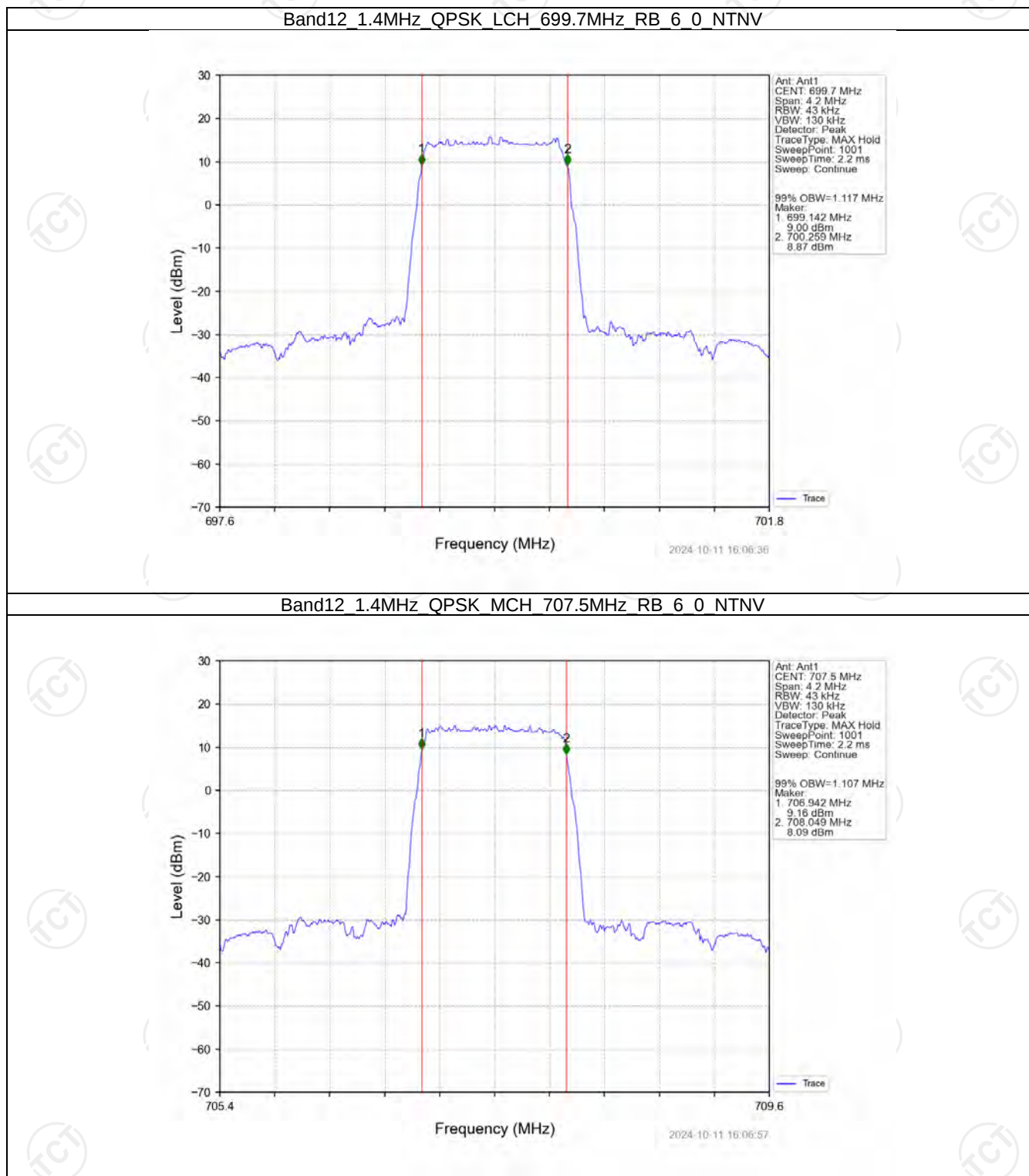
4.1.2 Band12_XDB

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	1.271	/	Pass
		707.5	6	0	1.275	/	Pass
		715.3	6	0	1.272	/	Pass
	16QAM	699.7	6	0	1.277	/	Pass
		707.5	6	0	1.269	/	Pass
		715.3	6	0	1.264	/	Pass
3	QPSK	700.5	15	0	3.086	/	Pass
		707.5	15	0	3.101	/	Pass
		714.5	15	0	3.095	/	Pass
	16QAM	700.5	15	0	3.117	/	Pass
		707.5	15	0	3.085	/	Pass
		714.5	15	0	3.110	/	Pass
5	QPSK	701.5	25	0	5.072	/	Pass
		707.5	25	0	5.072	/	Pass
		713.5	25	0	5.038	/	Pass

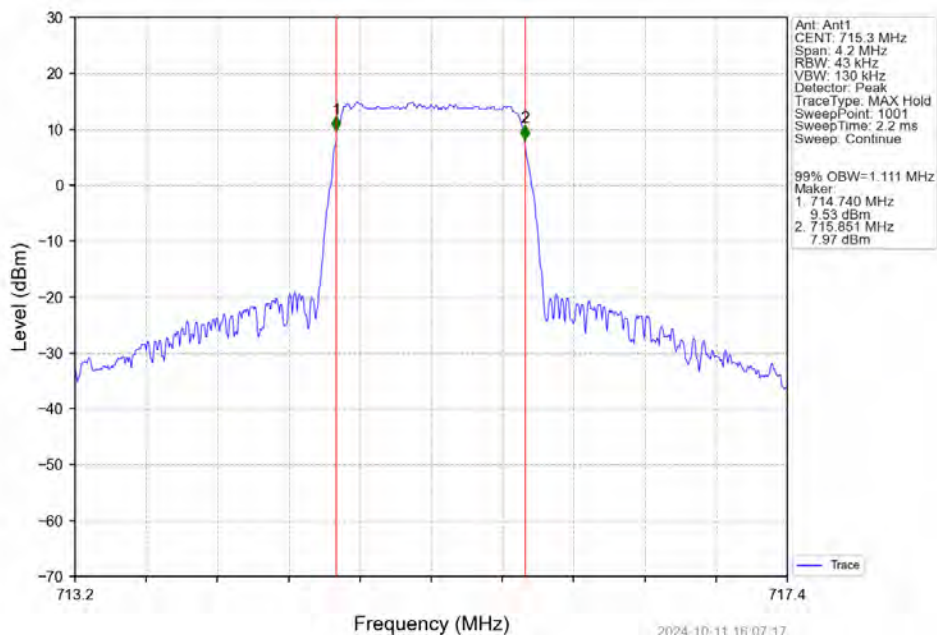
10	16QAM	701.5	25	0	5.065	/	Pass
		707.5	25	0	5.073	/	Pass
		713.5	25	0	5.032	/	Pass
	QPSK	704	50	0	10.072	/	Pass
		707.5	50	0	10.045	/	Pass
		711	50	0	10.048	/	Pass
	16QAM	704	50	0	10.045	/	Pass
		707.5	50	0	10.050	/	Pass
		711	50	0	10.029	/	Pass

4.2 Test Graph

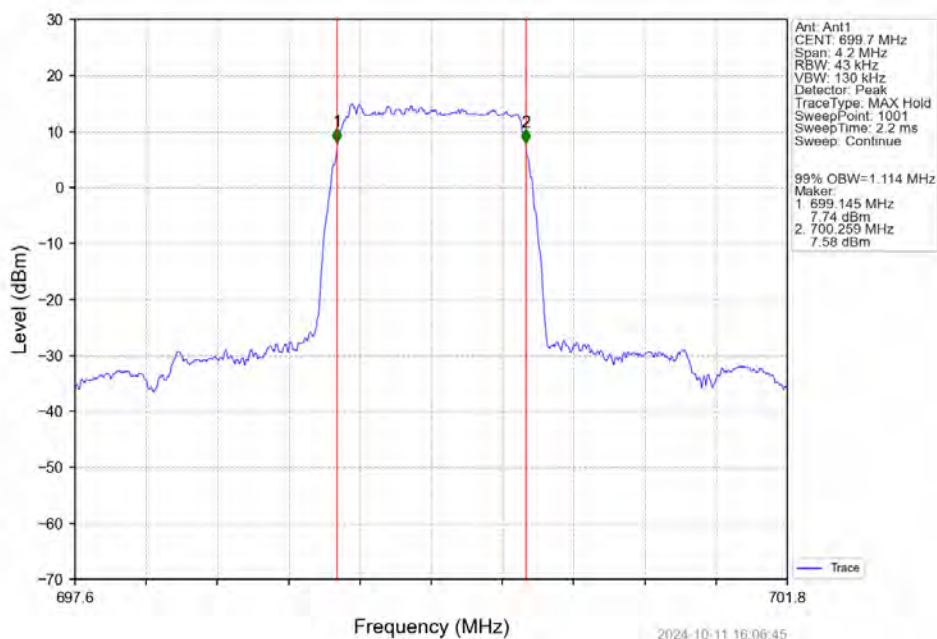
4.2.1 Band12_OBW



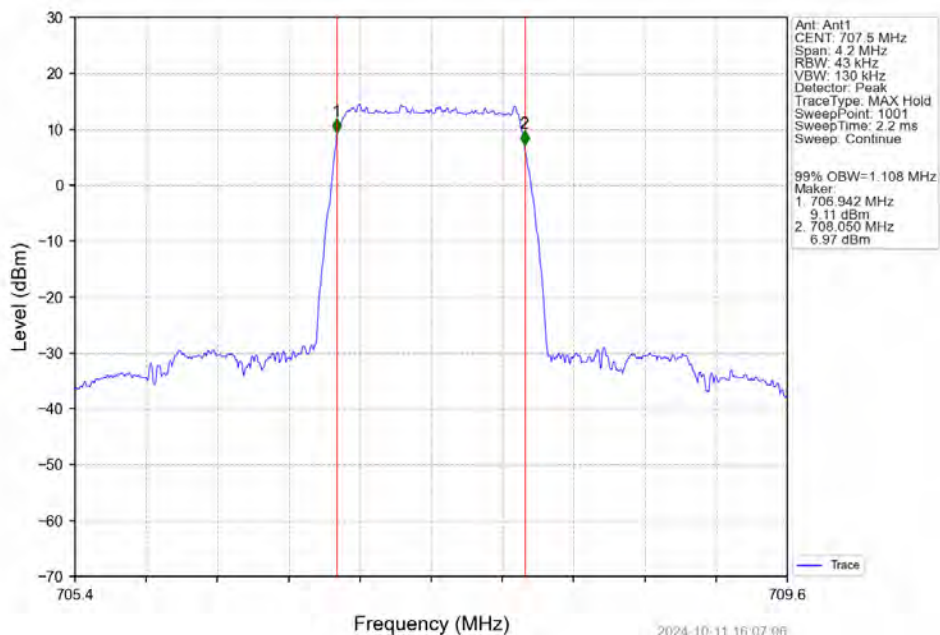
Band12 1.4MHz QPSK HCH 715.3MHz RB 6 0 NTNV



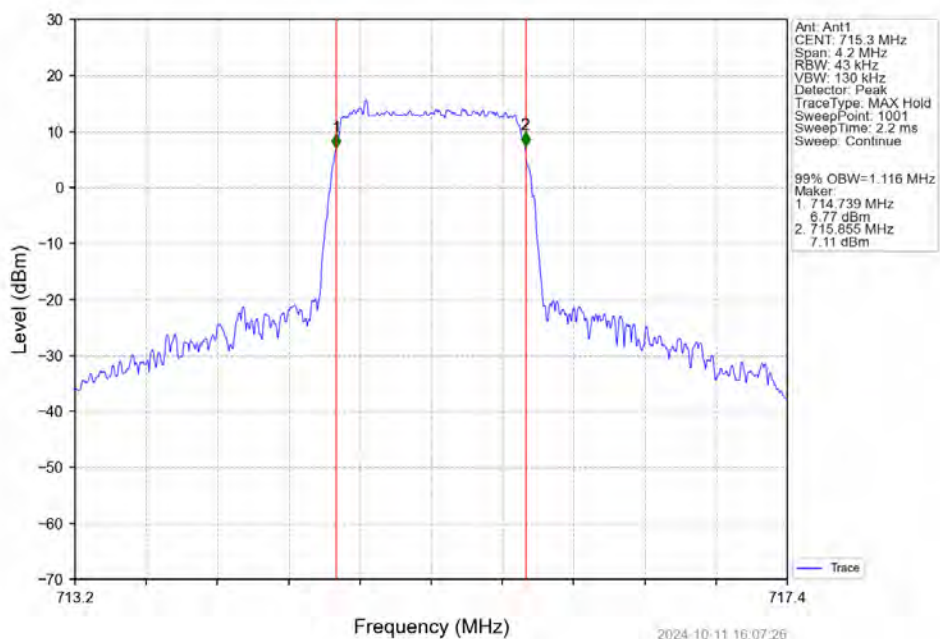
Band12 1.4MHz 16QAM LCH 699.7MHz RB 6 0 NTNV



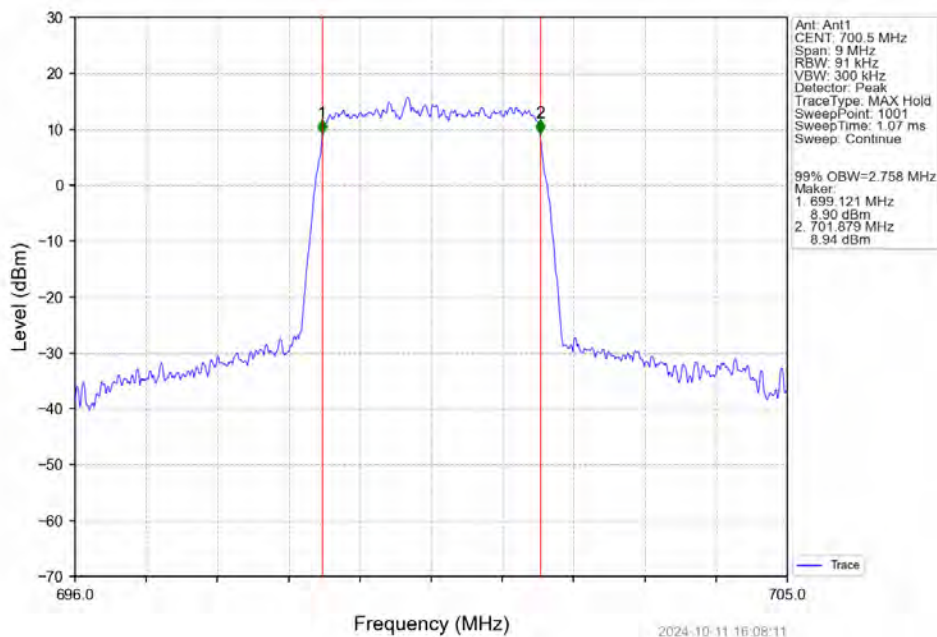
Band12 1.4MHz 16QAM MCH 707.5MHz RB 6 0 NTN



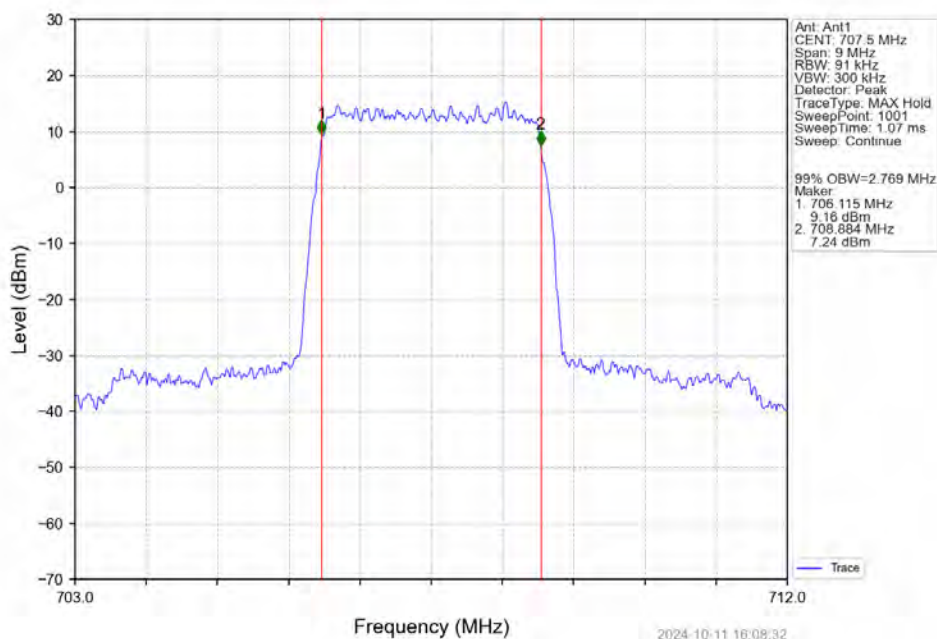
Band12 1.4MHz 16QAM HCH 715.3MHz RB 6 0 NTN



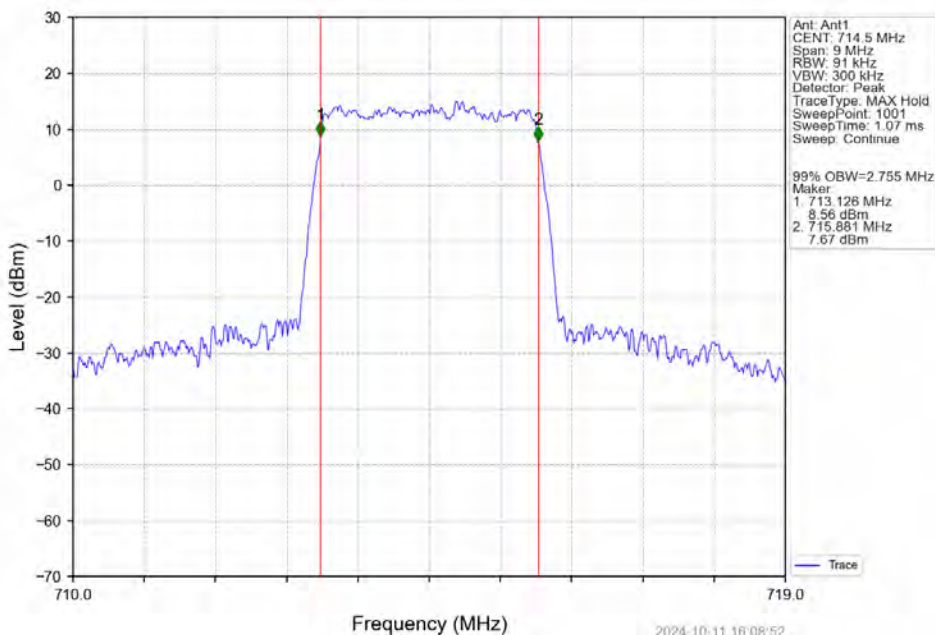
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



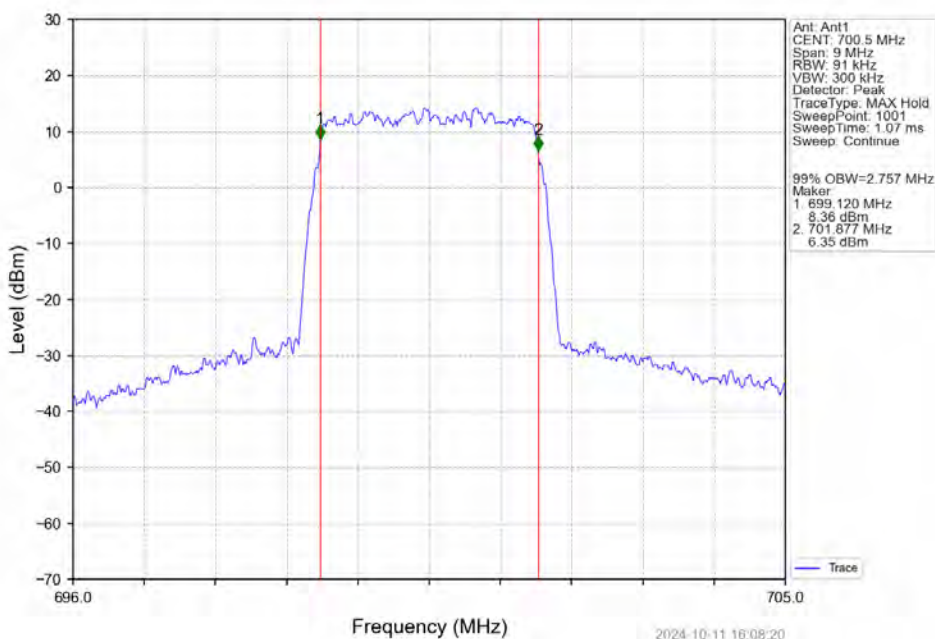
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



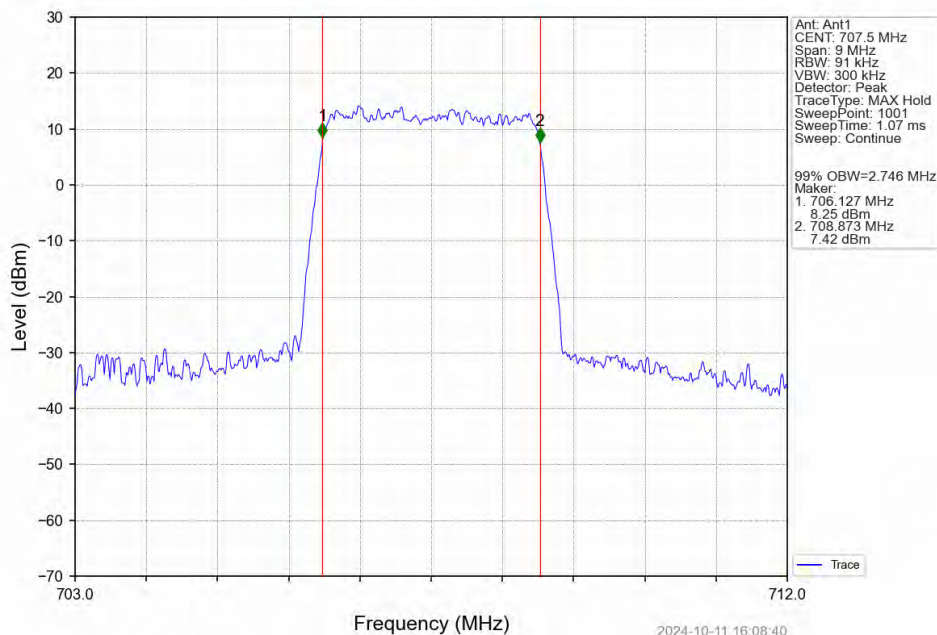
Band12 3MHz QPSK HCH 714.5MHz RB 15 0 NTNV



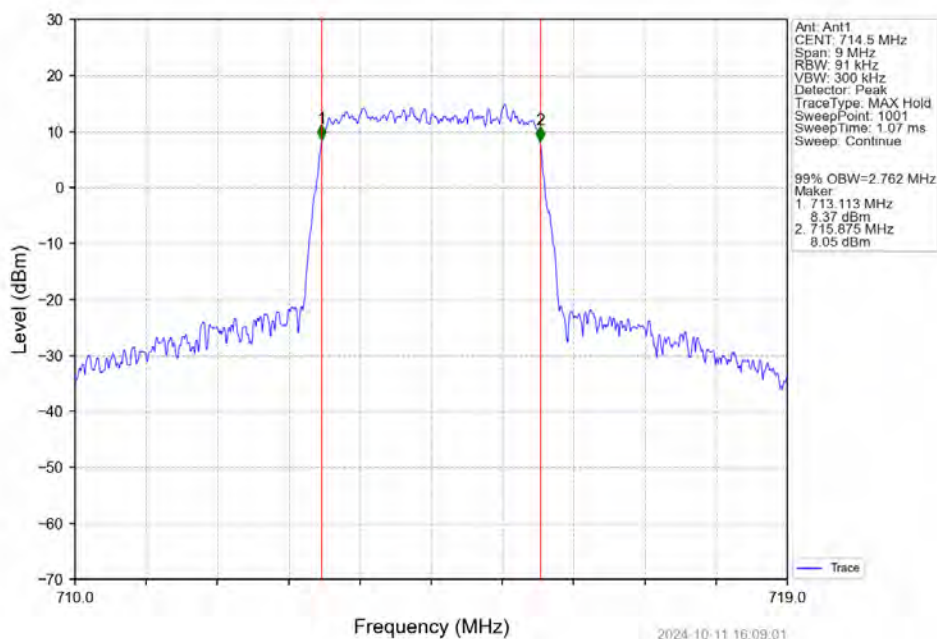
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



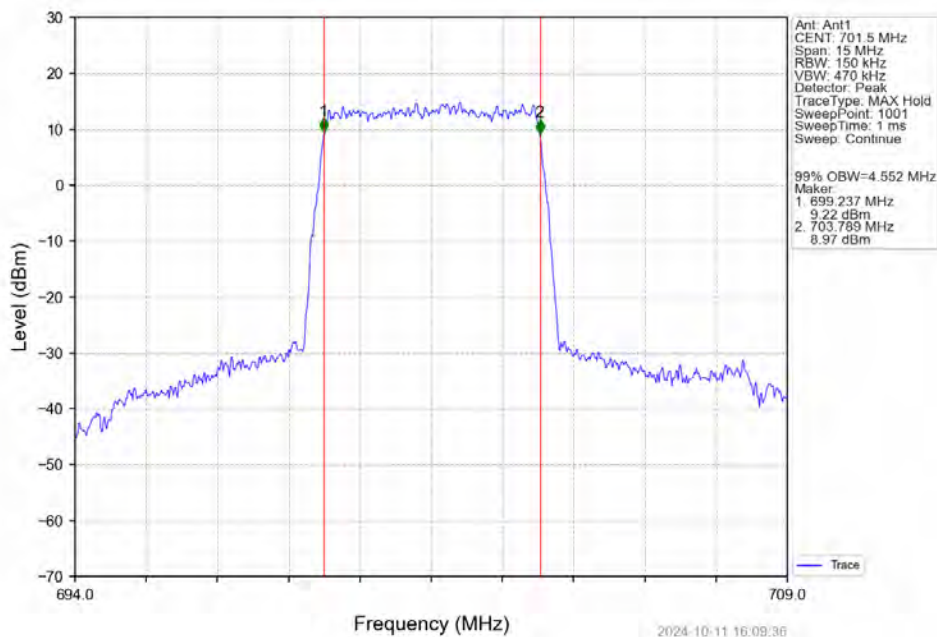
Band12 3MHz 16QAM MCH 707.5MHz RB 15 0 NTNV



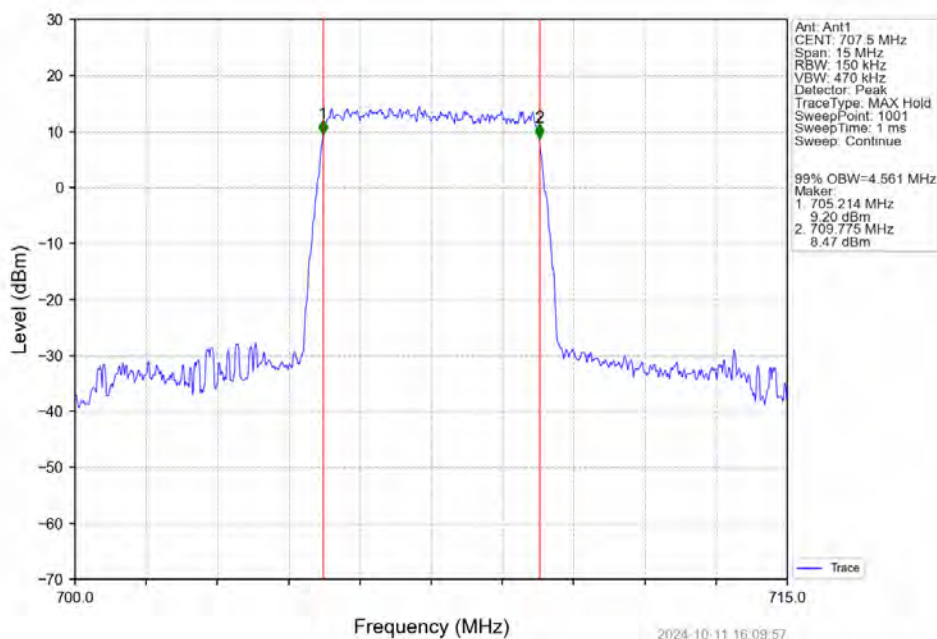
Band12 3MHz 16QAM HCH 714.5MHz RB 15 0 NTNV



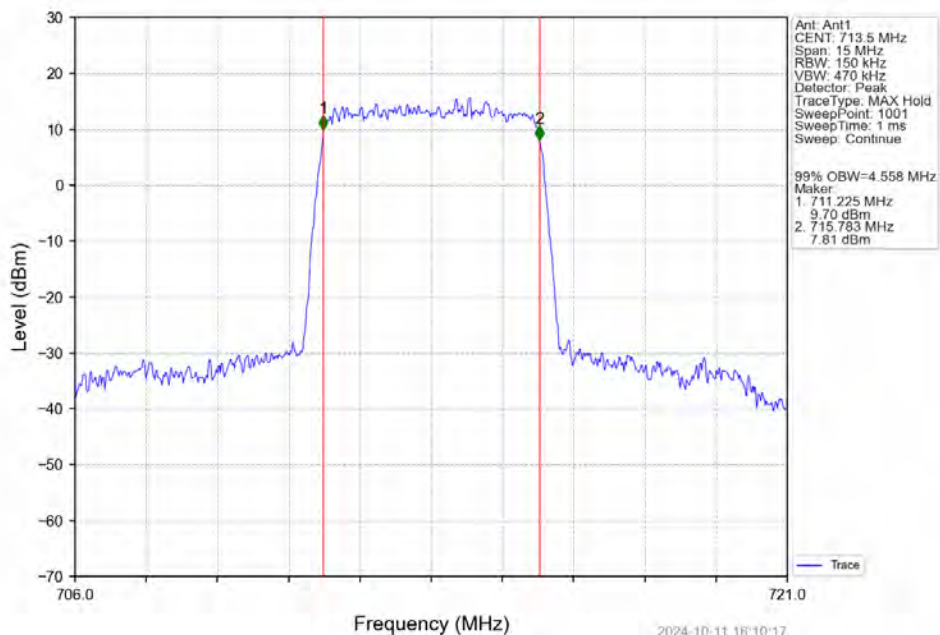
Band12 5MHz QPSK LCH 701.5MHz RB 25 0 NTNV



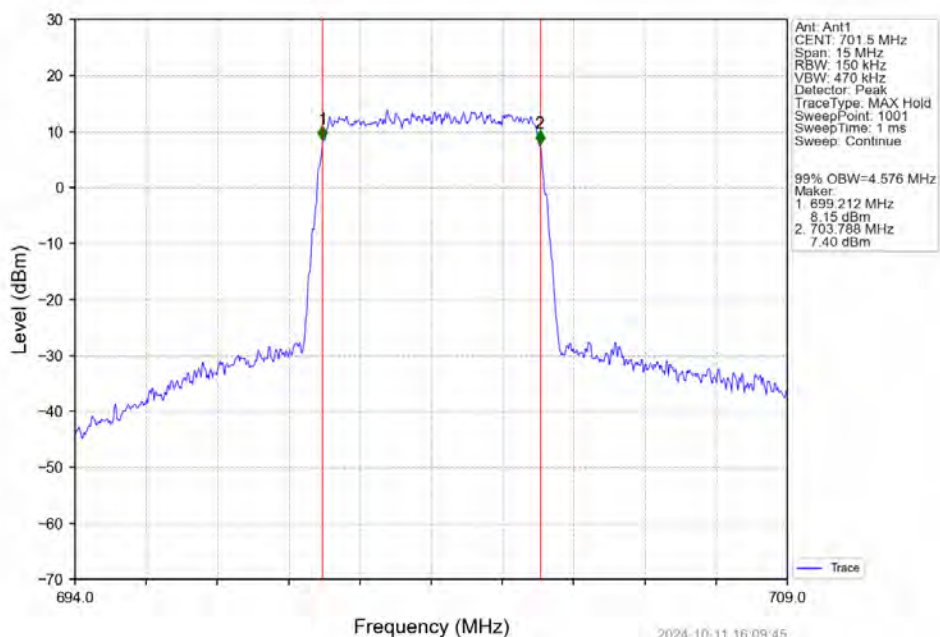
Band12 5MHz QPSK MCH 707.5MHz RB 25 0 NTNV



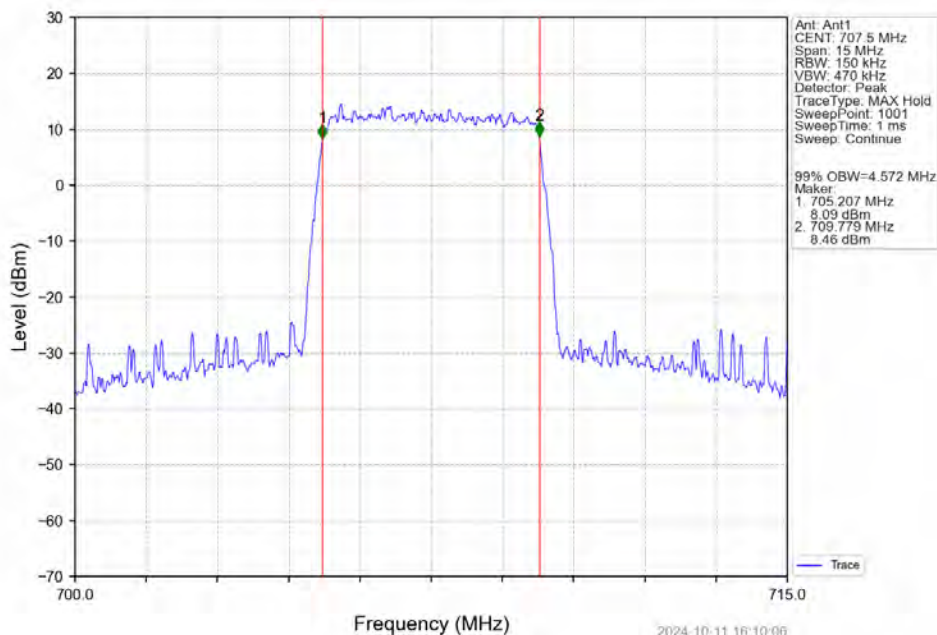
Band12 5MHz QPSK HCH 713.5MHz RB 25 0 NTNV



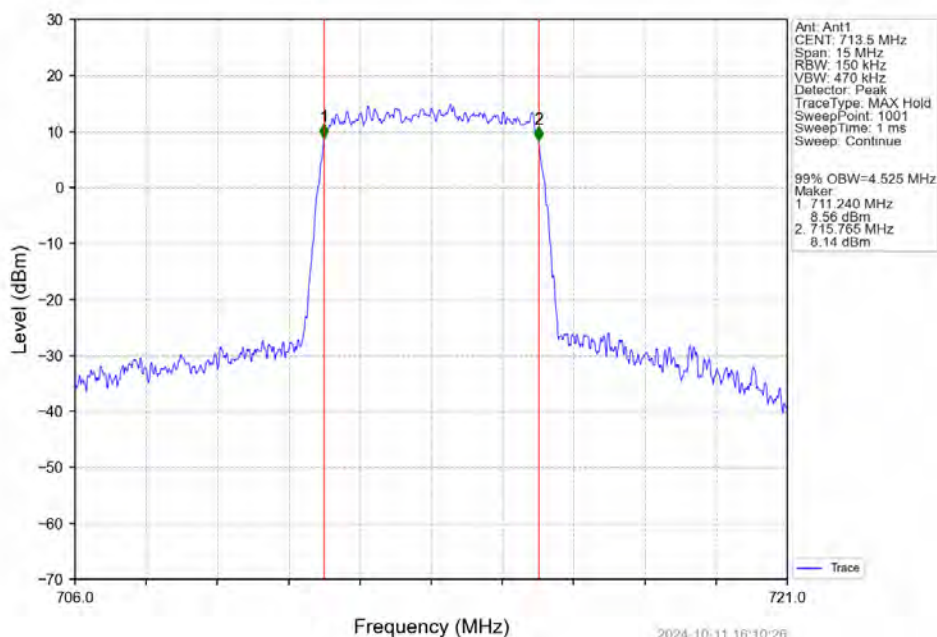
Band12 5MHz 16QAM LCH 701.5MHz RB 25 0 NTNV



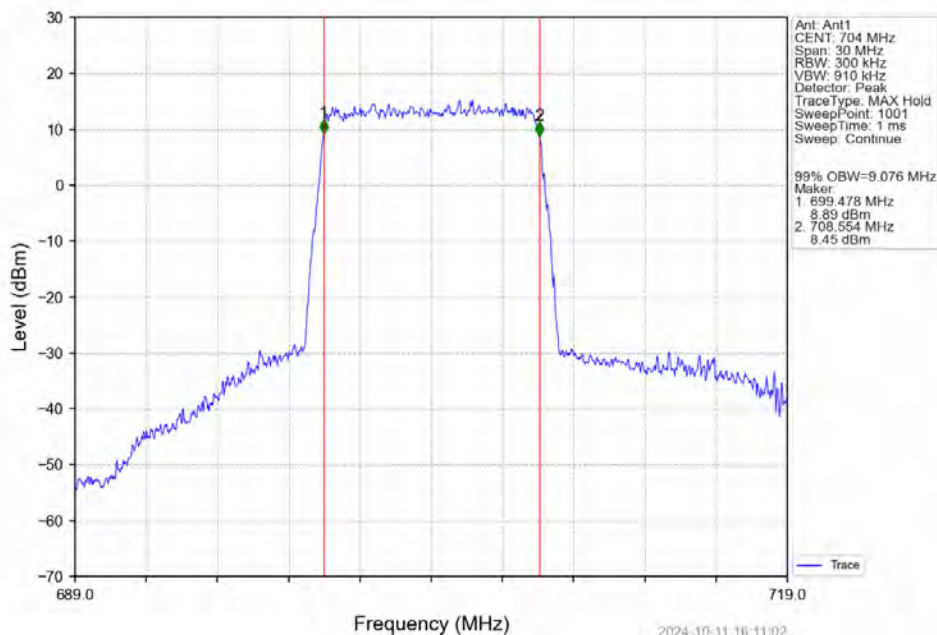
Band12 5MHz 16QAM MCH 707.5MHz RB 25 0 NTNV



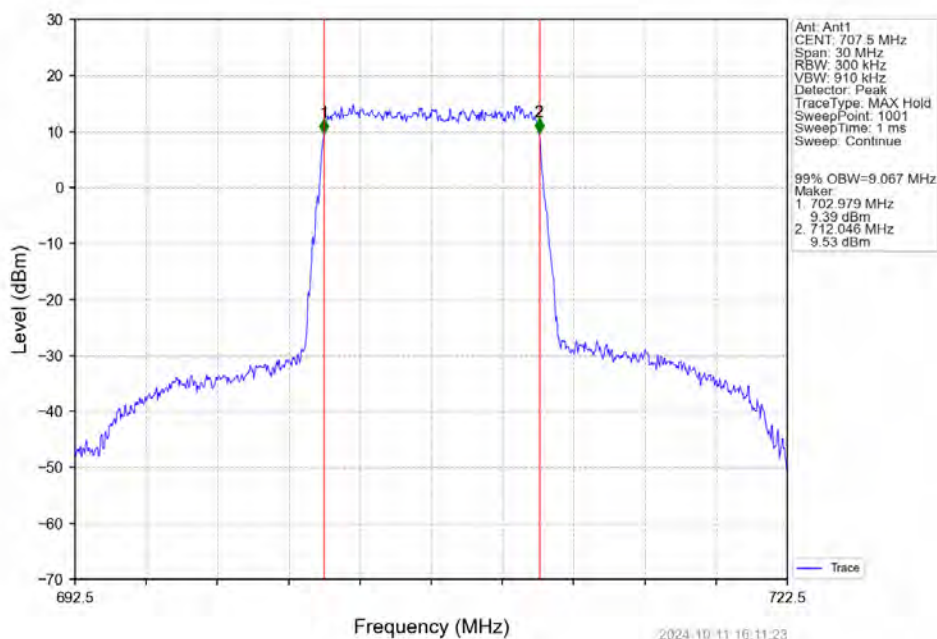
Band12 5MHz 16QAM HCH 713.5MHz RB 25 0 NTNV



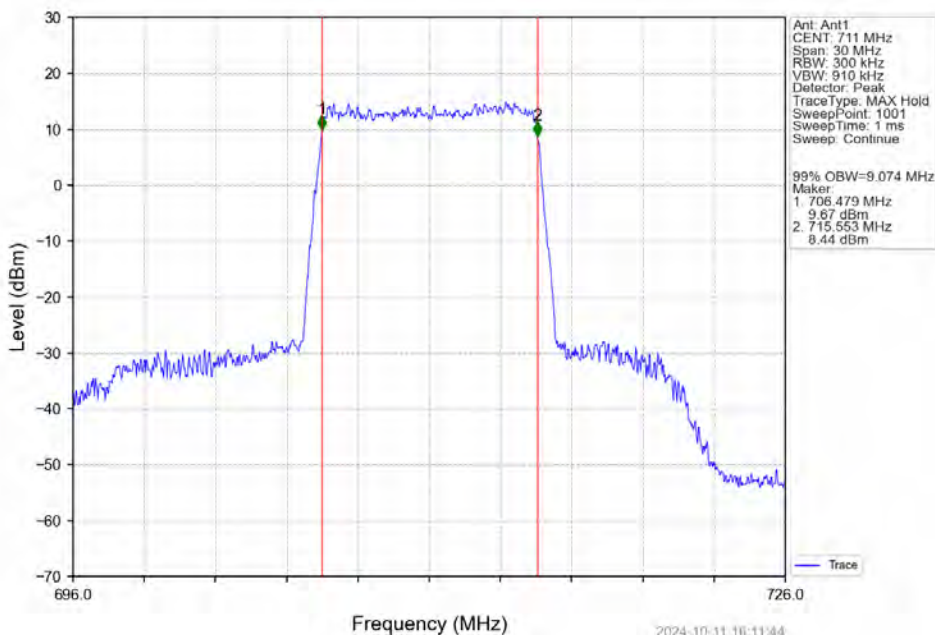
Band12 10MHz QPSK LCH 704MHz RB 50 0 NTNV



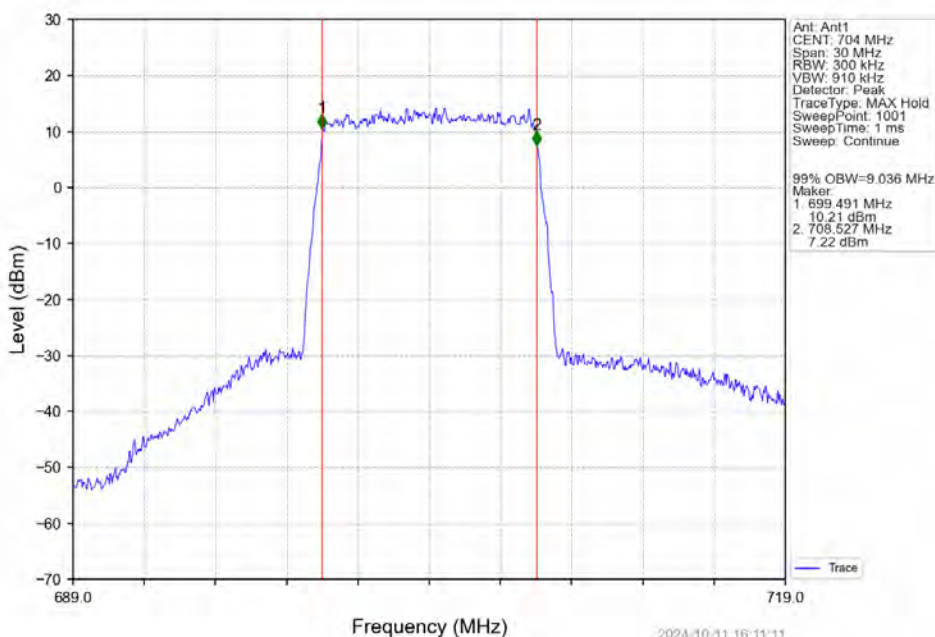
Band12 10MHz QPSK MCH 707.5MHz RB 50 0 NTNV



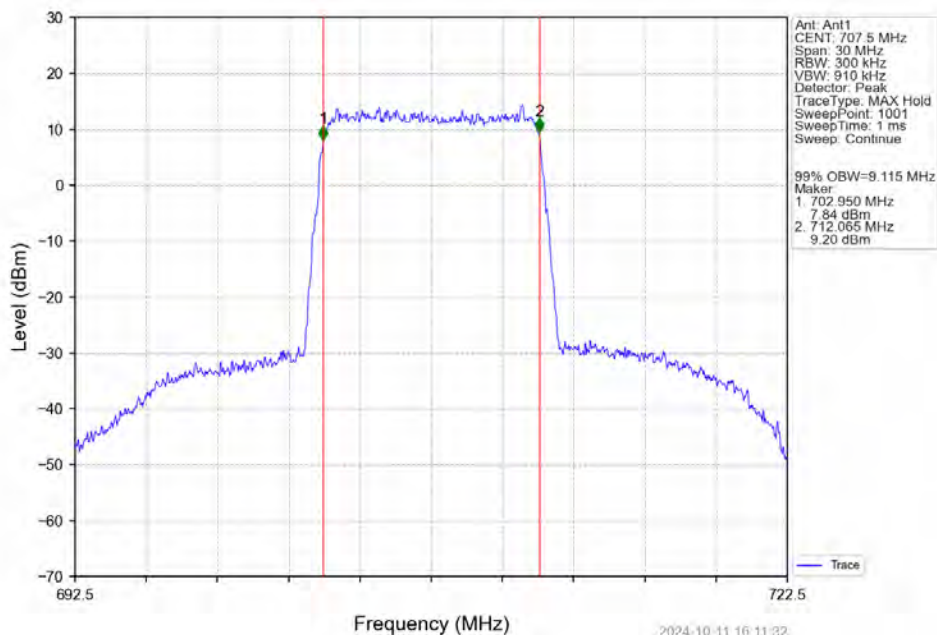
Band12 10MHz QPSK HCH 711MHz RB 50 0 NTNV



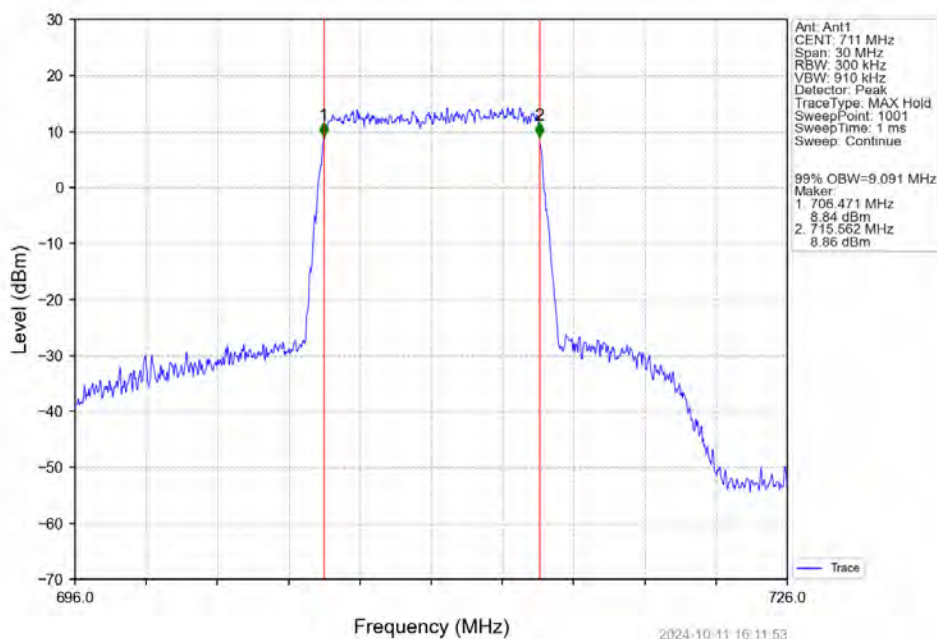
Band12 10MHz 16QAM LCH 704MHz RB 50 0 NTNV



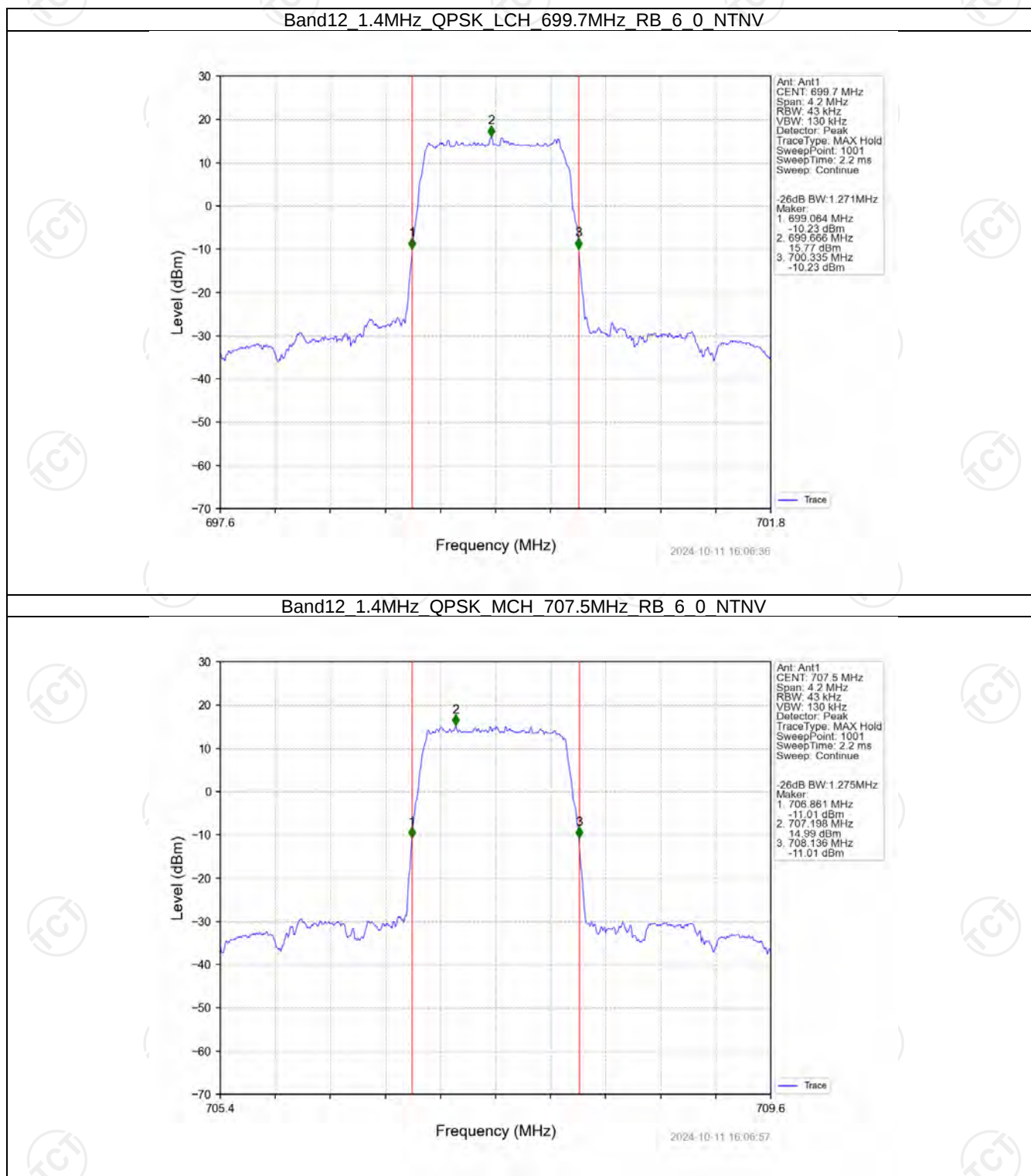
Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



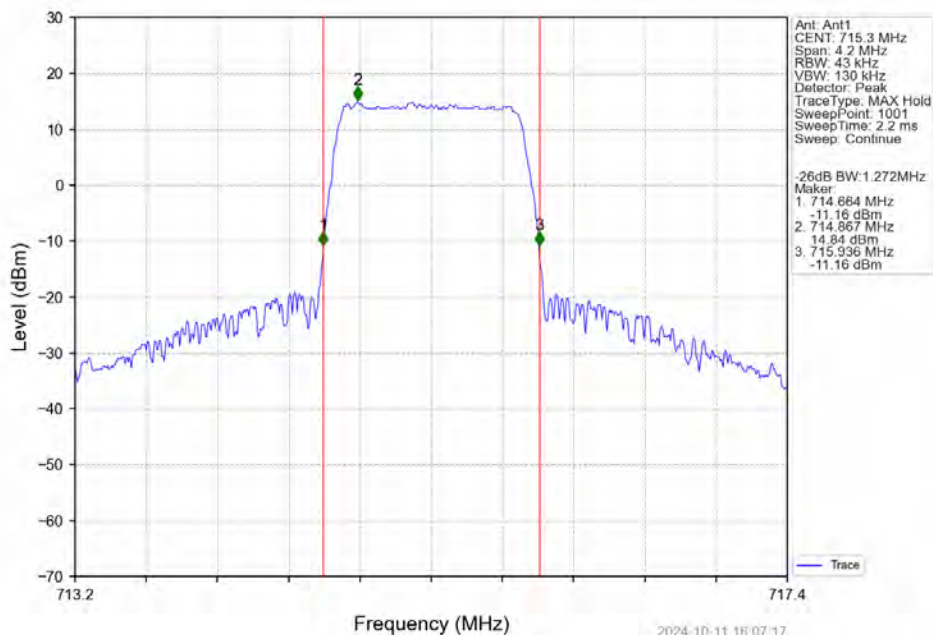
Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



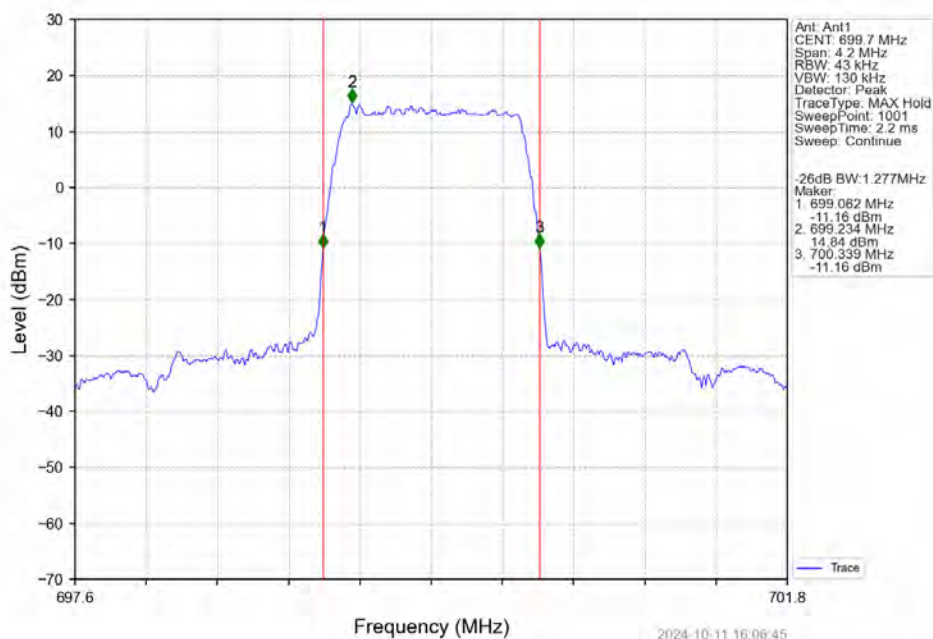
4.2.2 Band12_XDB



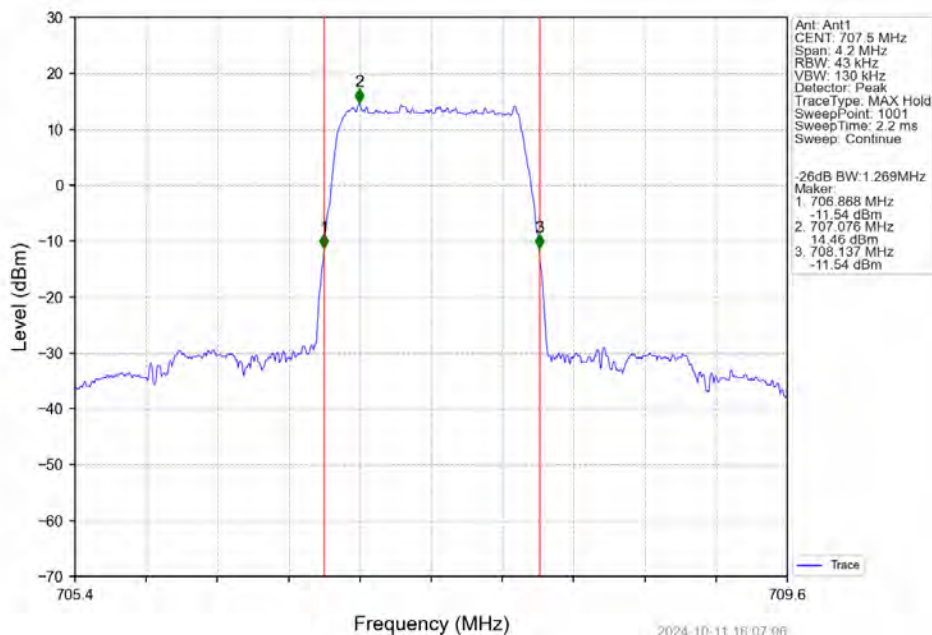
Band12 1.4MHz QPSK HCH 715.3MHz RB 6 0 NTV



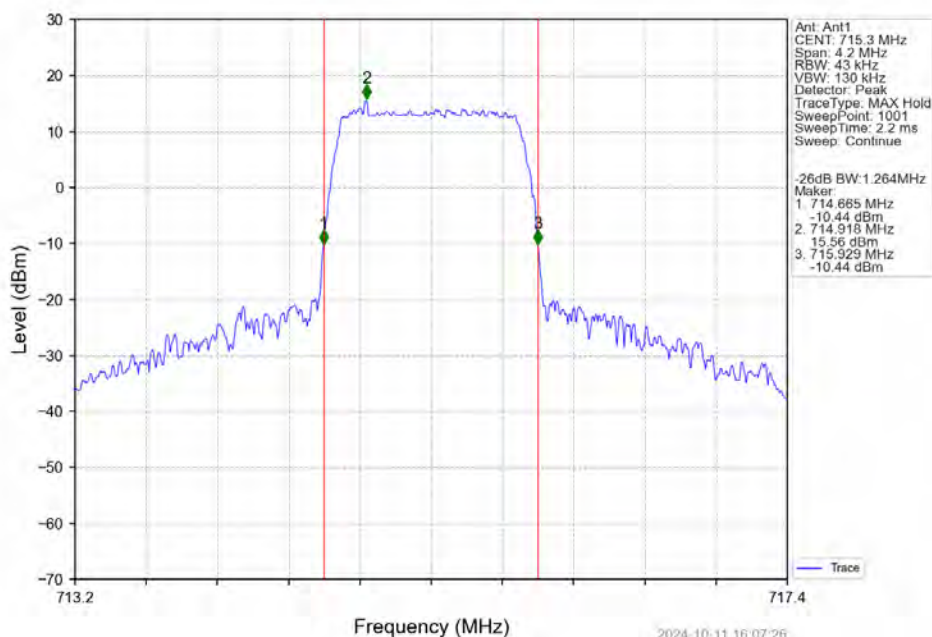
Band12 1.4MHz 16QAM LCH 699.7MHz RB 6 0 NTV



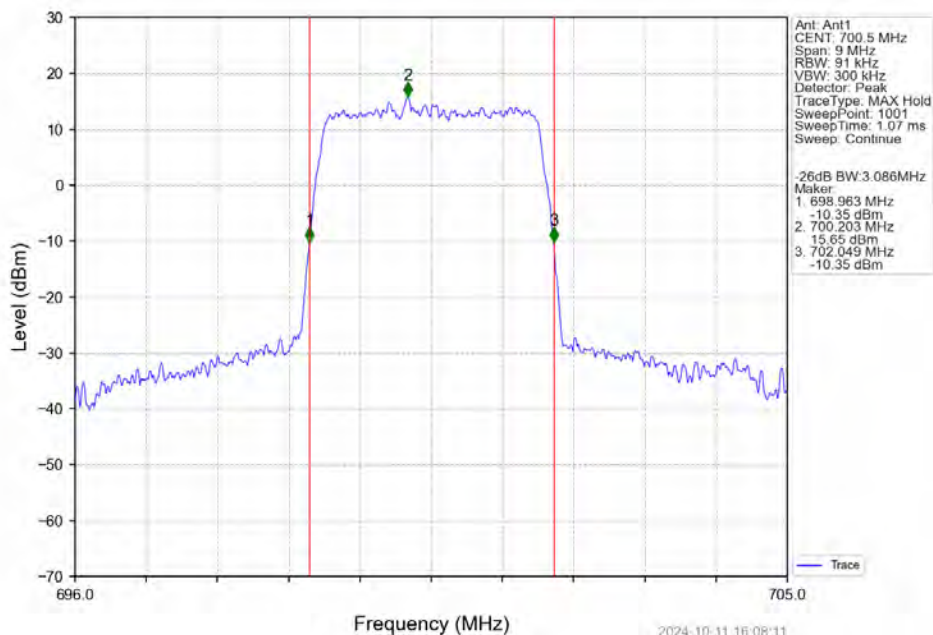
Band12 1.4MHz 16QAM MCH 707.5MHz RB 6 0 NTN



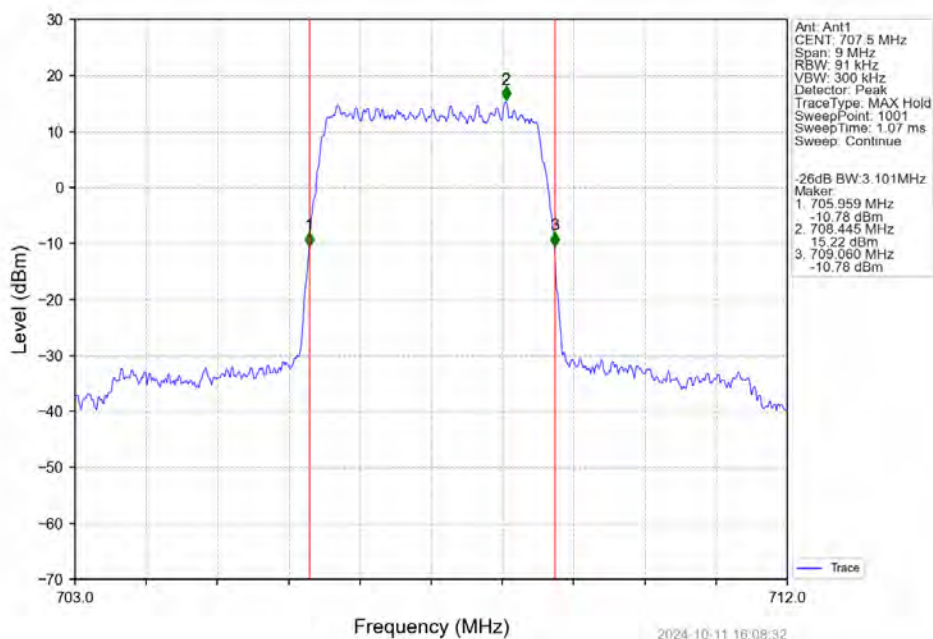
Band12 1.4MHz 16QAM HCH 715.3MHz RB 6 0 NTN



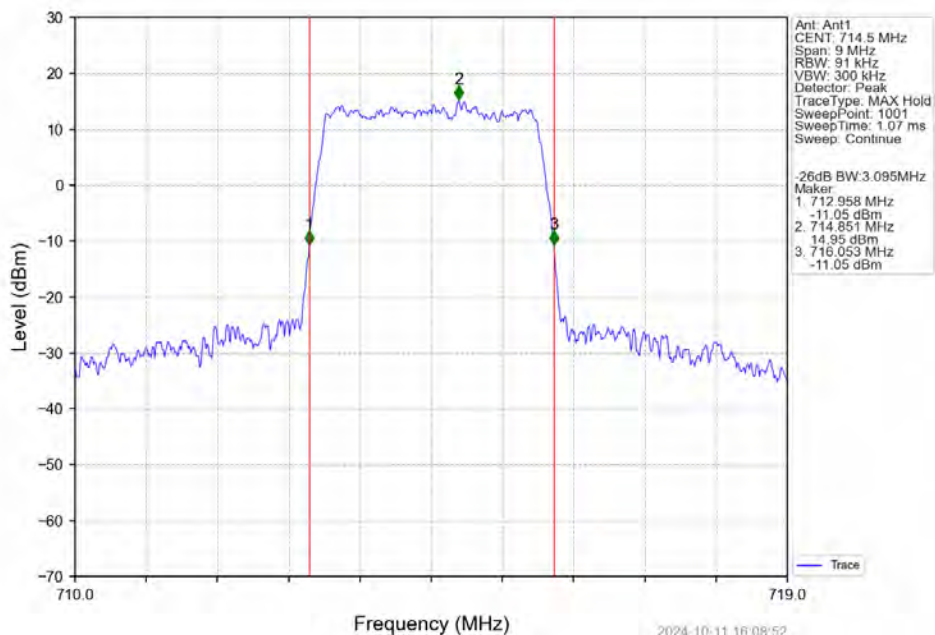
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



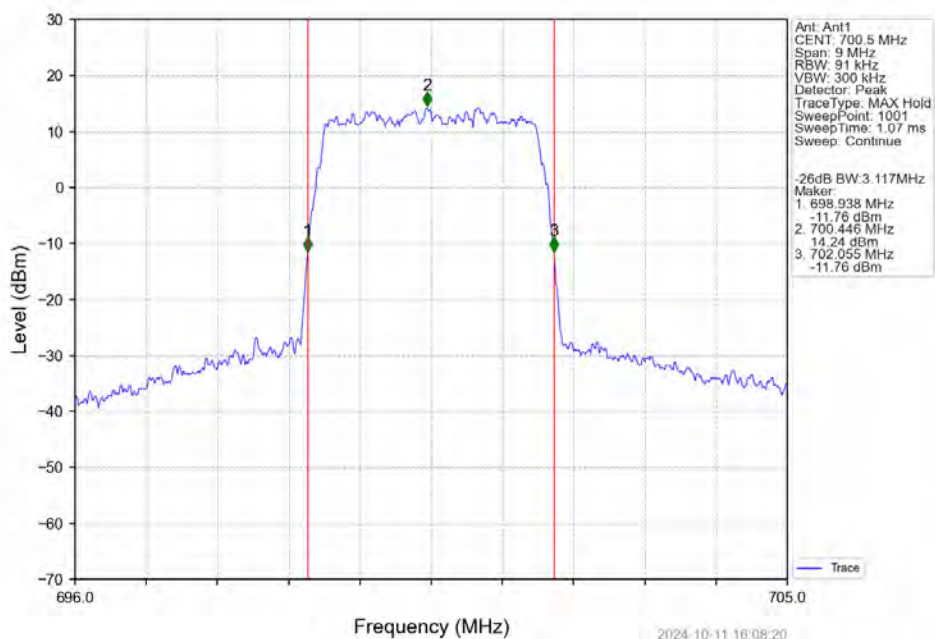
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



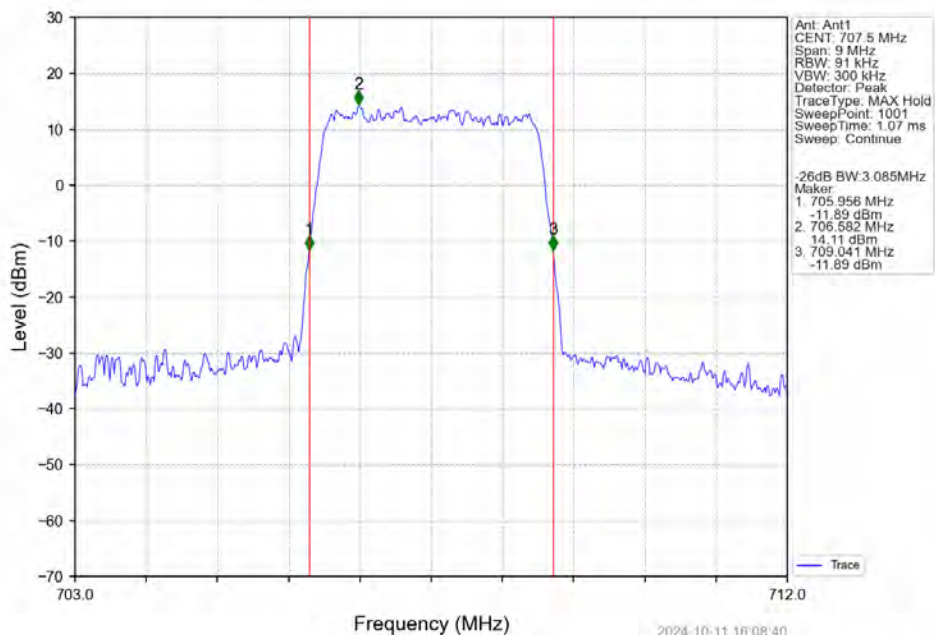
Band12 3MHz QPSK HCH 714.5MHz RB 15 0 NTNV



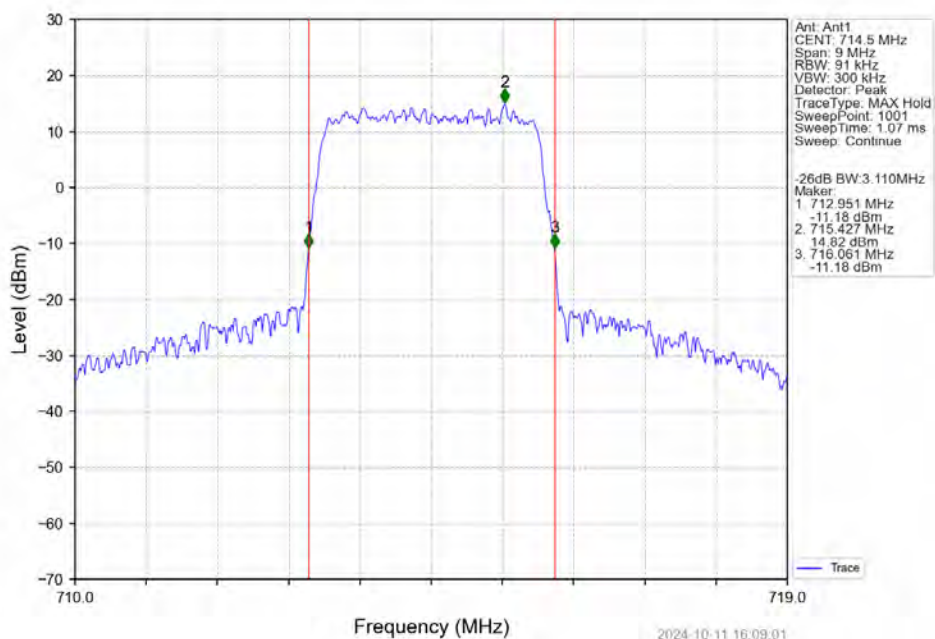
Band12 3MHz 16QAM LCH 700.5MHz RB 15 0 NTNV



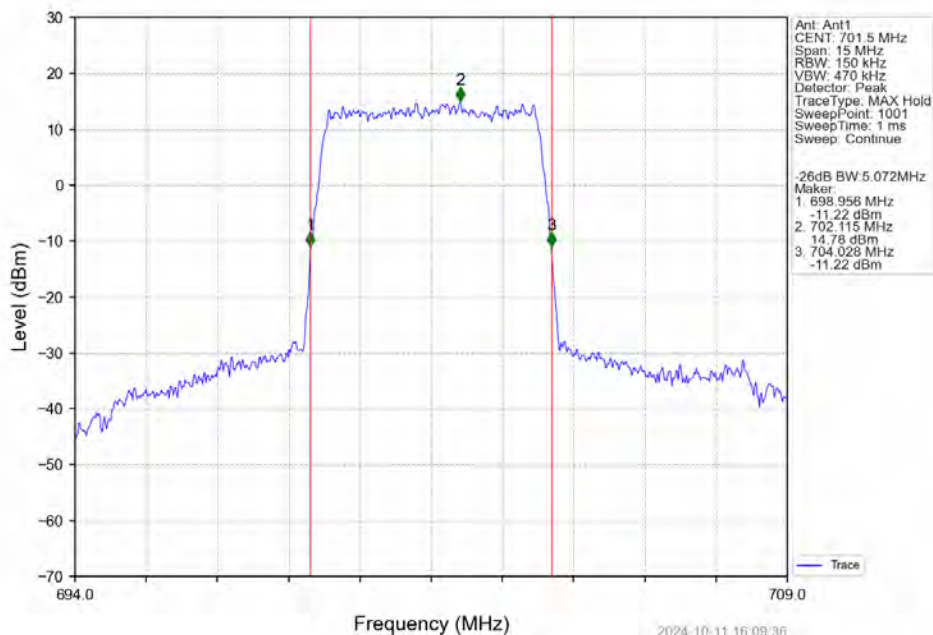
Band12 3MHz 16QAM MCH 707.5MHz RB 15 0 NTNV



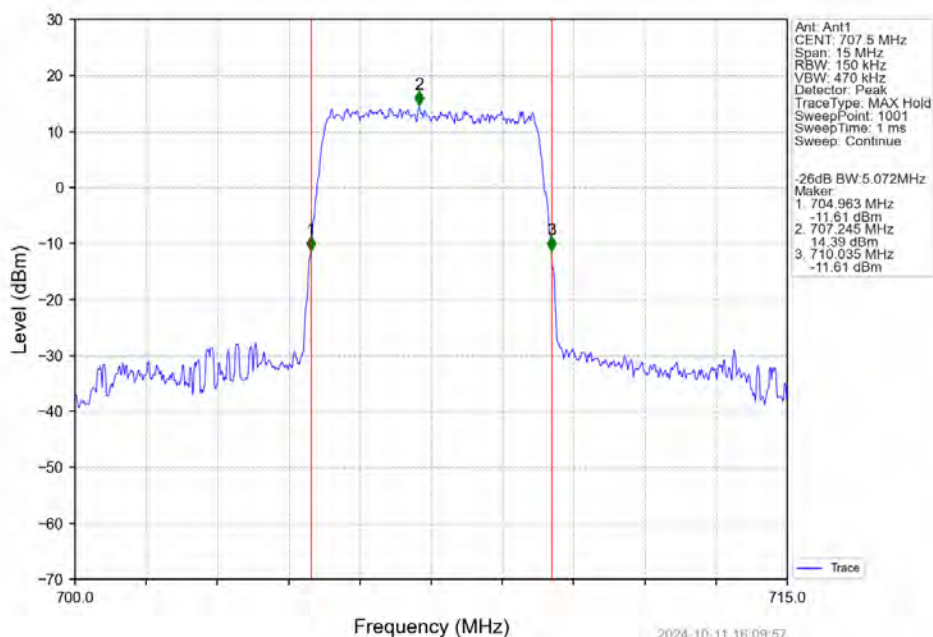
Band12 3MHz 16QAM HCH 714.5MHz RB 15 0 NTNV



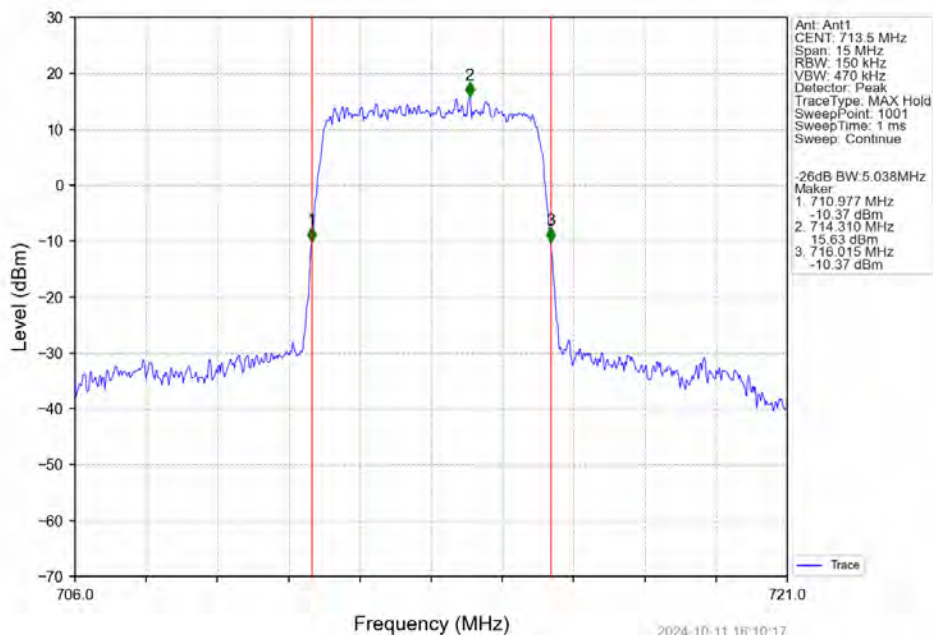
Band12 5MHz QPSK LCH 701.5MHz RB 25 0 NTN



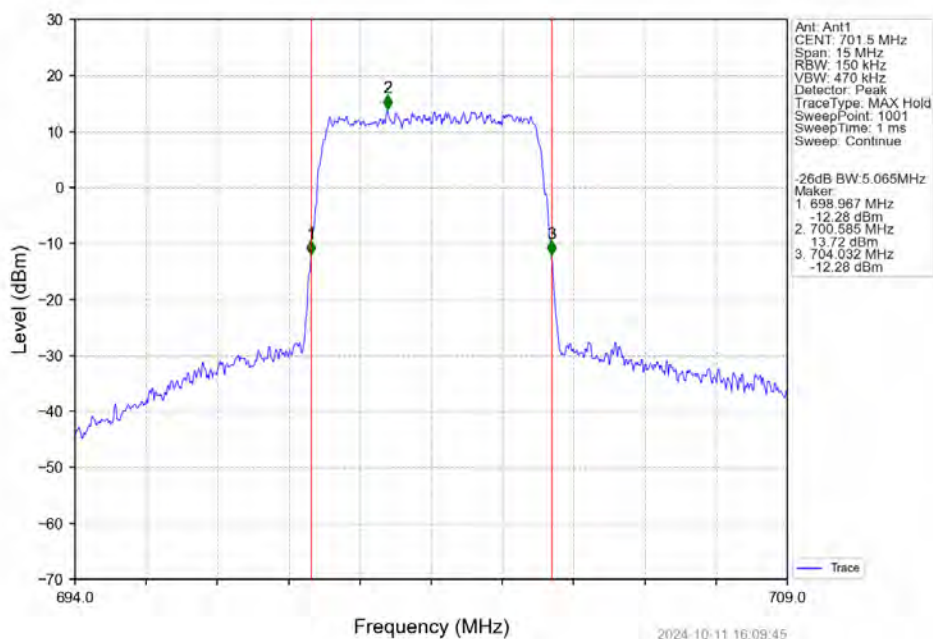
Band12 5MHz QPSK MCH 707.5MHz RB 25 0 NTN



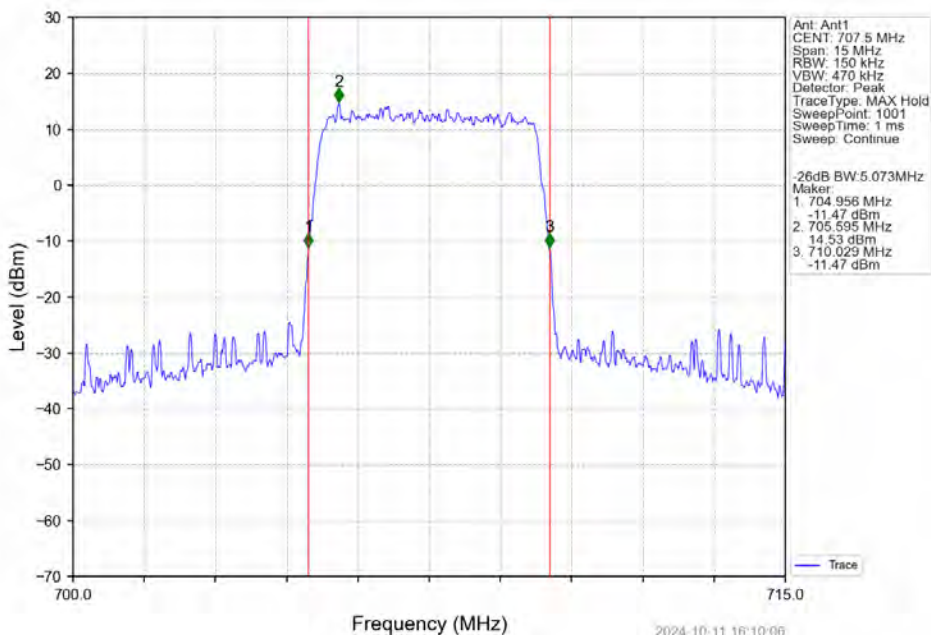
Band12 5MHz QPSK HCH 713.5MHz RB 25 0 NTNV



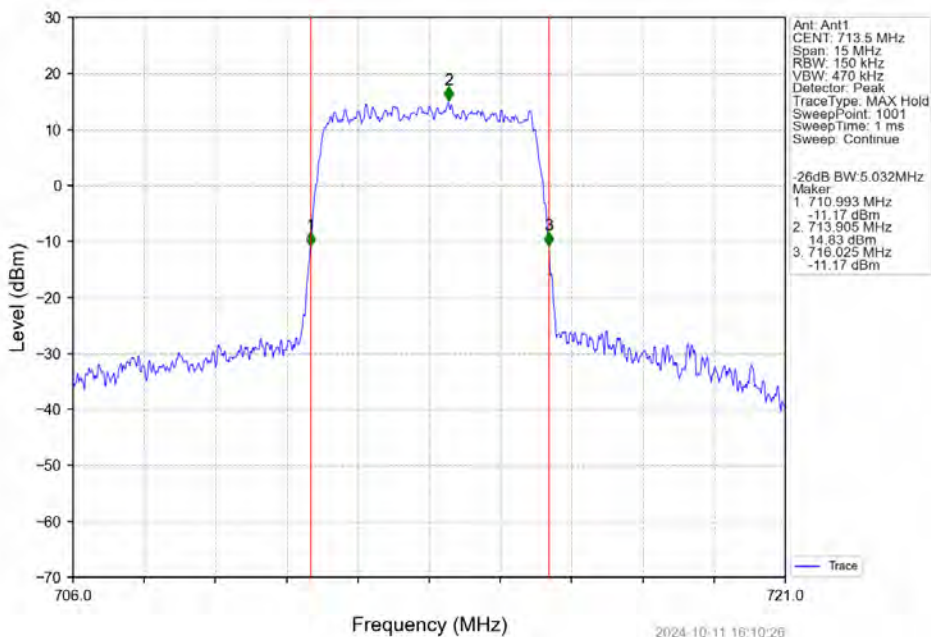
Band12 5MHz 16QAM LCH 701.5MHz RB 25 0 NTNV



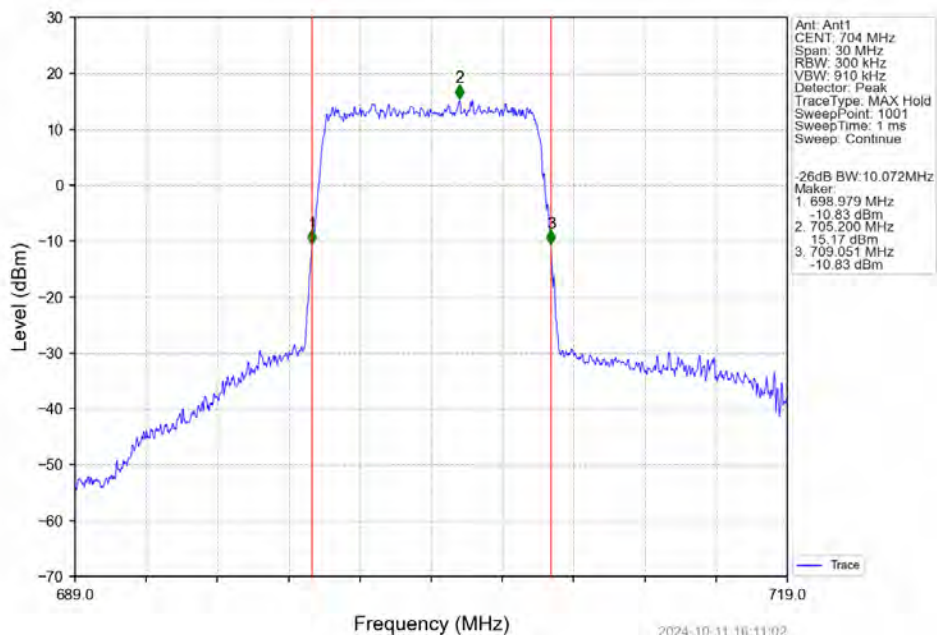
Band12 5MHz 16QAM MCH 707.5MHz RB 25 0 NTNV



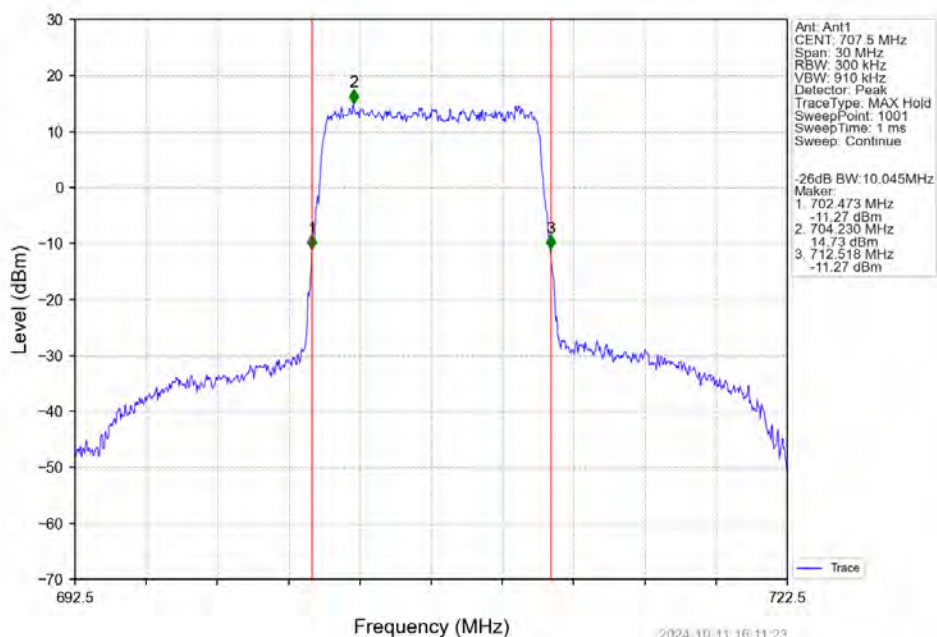
Band12 5MHz 16QAM HCH 713.5MHz RB 25 0 NTNV



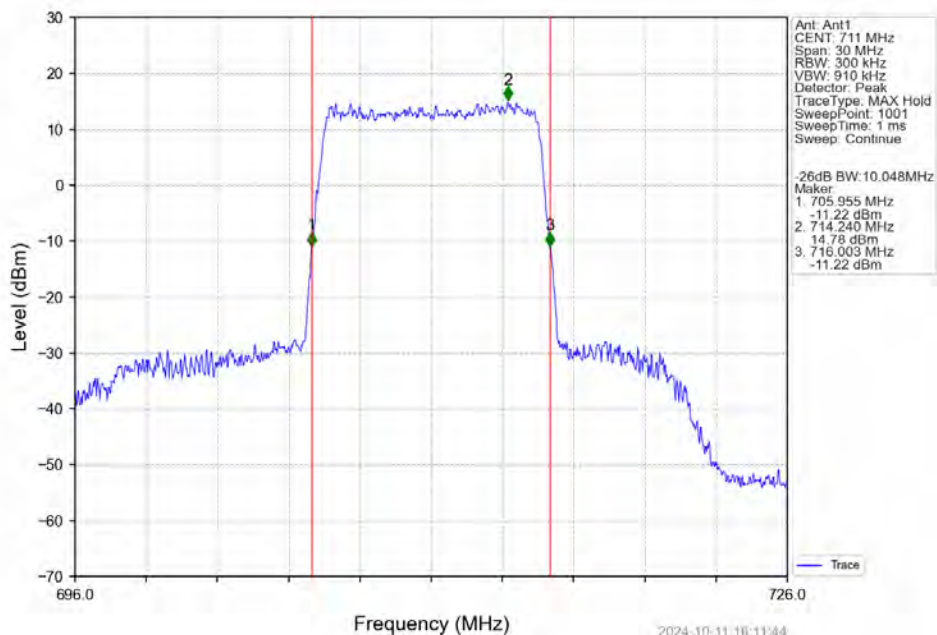
Band12 10MHz QPSK LCH 704MHz RB 50 0 NTNV



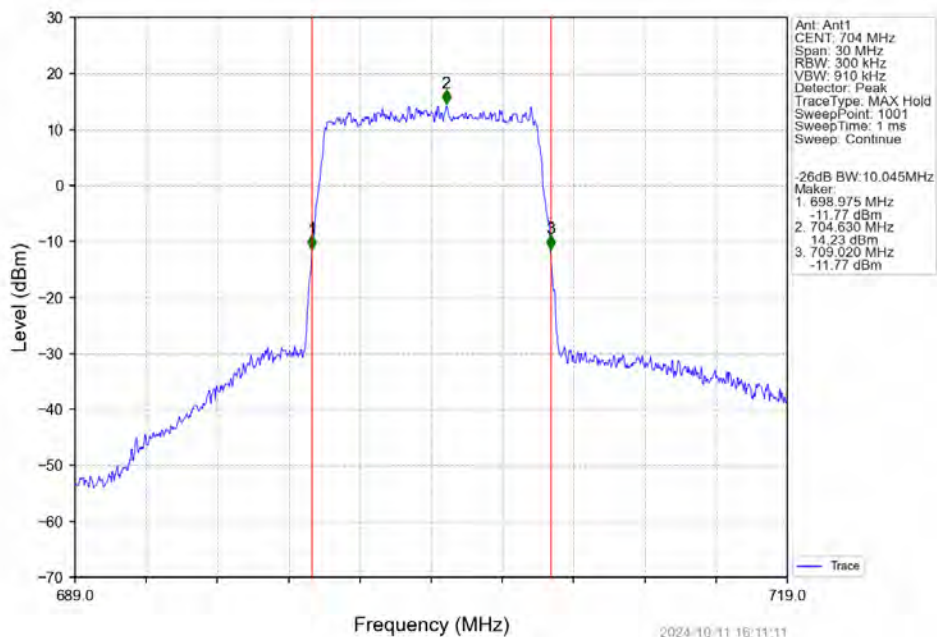
Band12 10MHz QPSK MCH 707.5MHz RB 50 0 NTNV



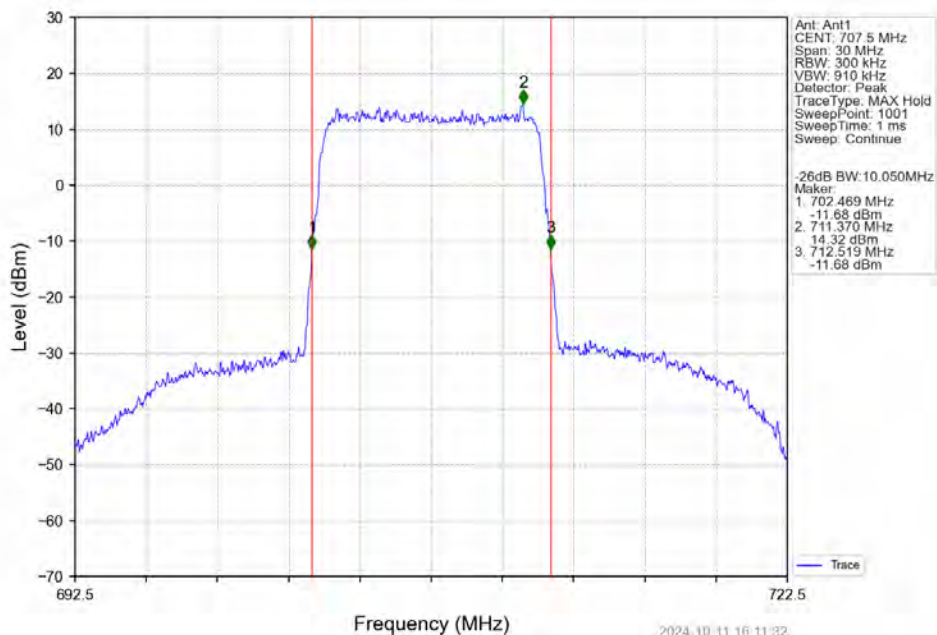
Band12 10MHz QPSK HCH 711MHz RB 50 0 NTN



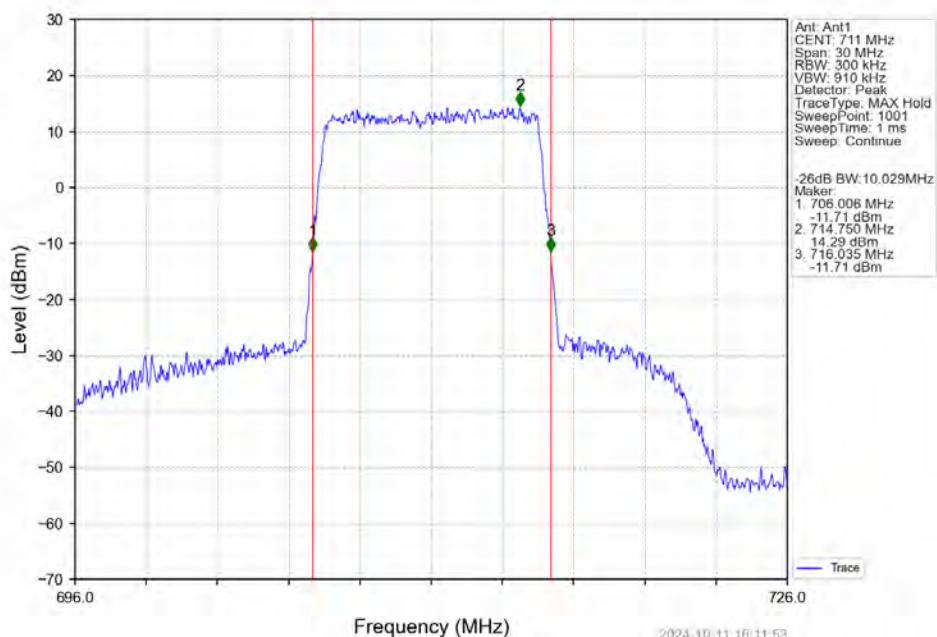
Band12 10MHz 16QAM LCH 704MHz RB 50 0 NTN



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	5.99	<=13	Pass
	707.5	6	0	5.86	<=13	Pass
	715.3	6	0	5.14	<=13	Pass
16QAM	699.7	6	0	6.70	<=13	Pass
	707.5	6	0	6.69	<=13	Pass
	715.3	6	0	5.95	<=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	5.96	<=13	Pass
	707.5	15	0	5.85	<=13	Pass
	714.5	15	0	5.52	<=13	Pass
16QAM	700.5	15	0	6.73	<=13	Pass
	707.5	15	0	6.67	<=13	Pass
	714.5	15	0	6.19	<=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	5.86	<=13	Pass
	707.5	25	0	5.88	<=13	Pass
	713.5	25	0	5.73	<=13	Pass
16QAM	701.5	25	0	6.64	<=13	Pass
	707.5	25	0	6.58	<=13	Pass
	713.5	25	0	6.40	<=13	Pass

5.1.4 B12_10MHz

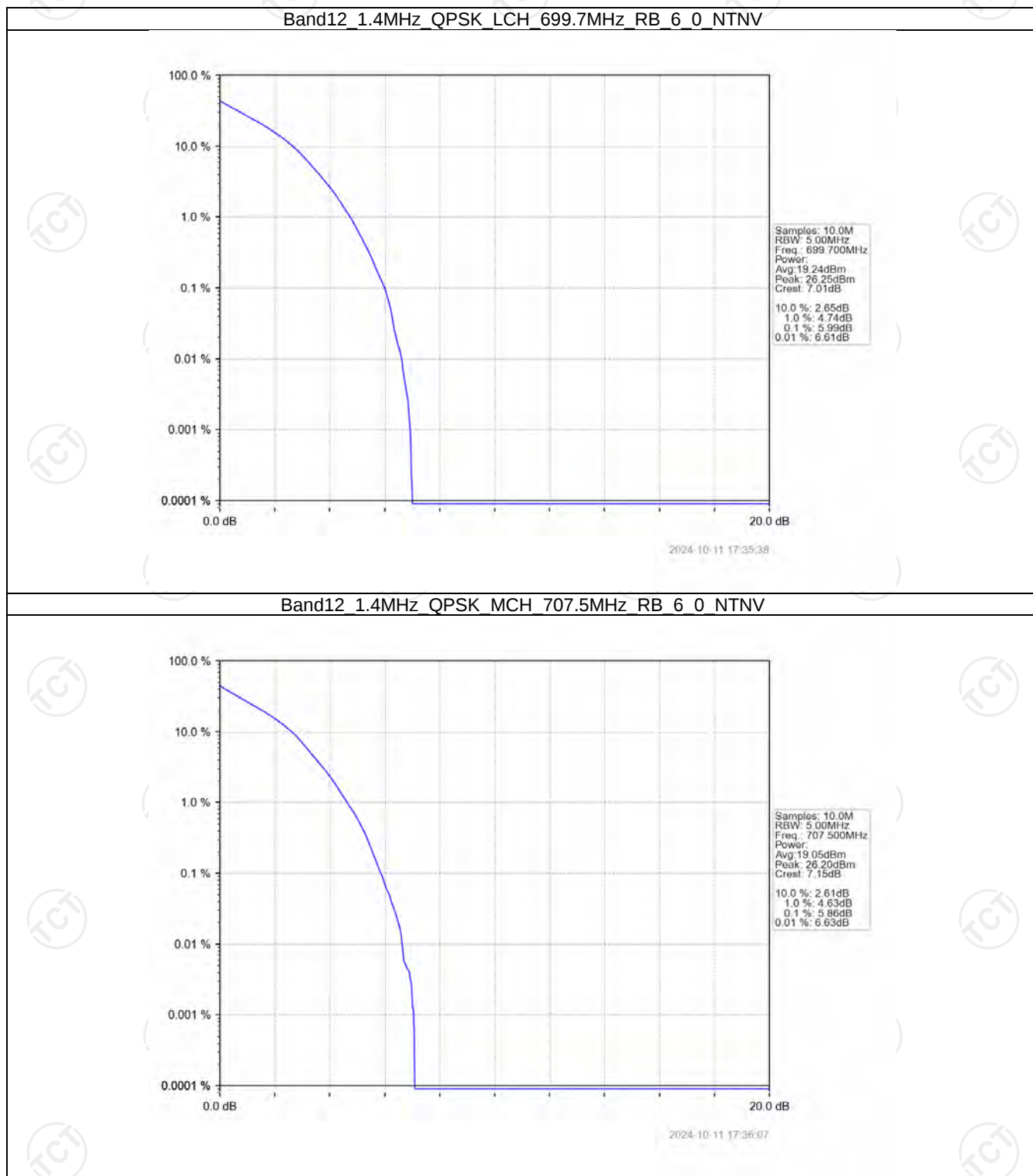
Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	704	50	0	5.79	<=13	Pass
	707.5	50	0	5.93	<=13	Pass
	711	50	0	5.87	<=13	Pass
16QAM	704	50	0	6.55	<=13	Pass
	707.5	50	0	6.66	<=13	Pass

	711	50	0	6.55	<=13	Pass
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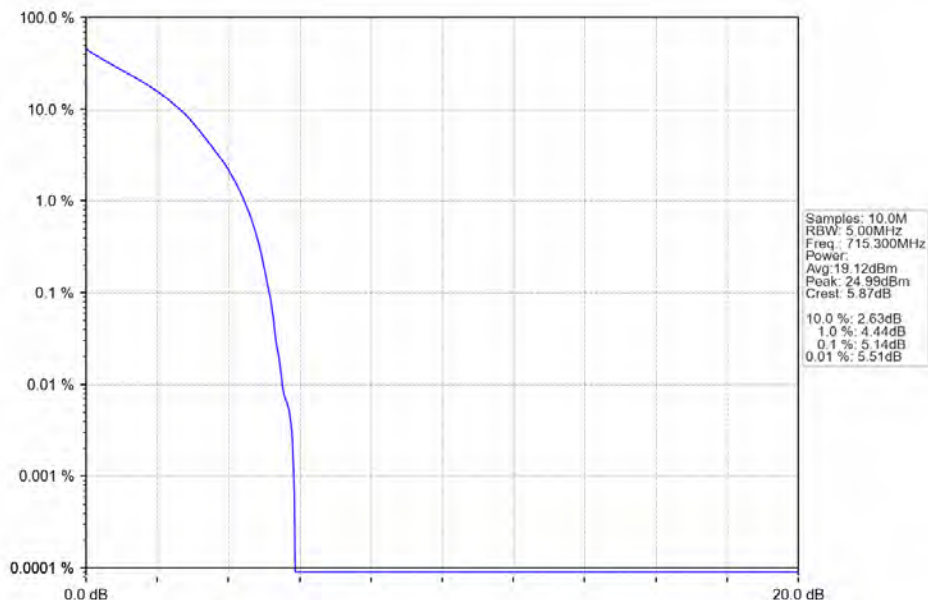


5.2 Test Graph

5.2.1 B12_1.4MHz

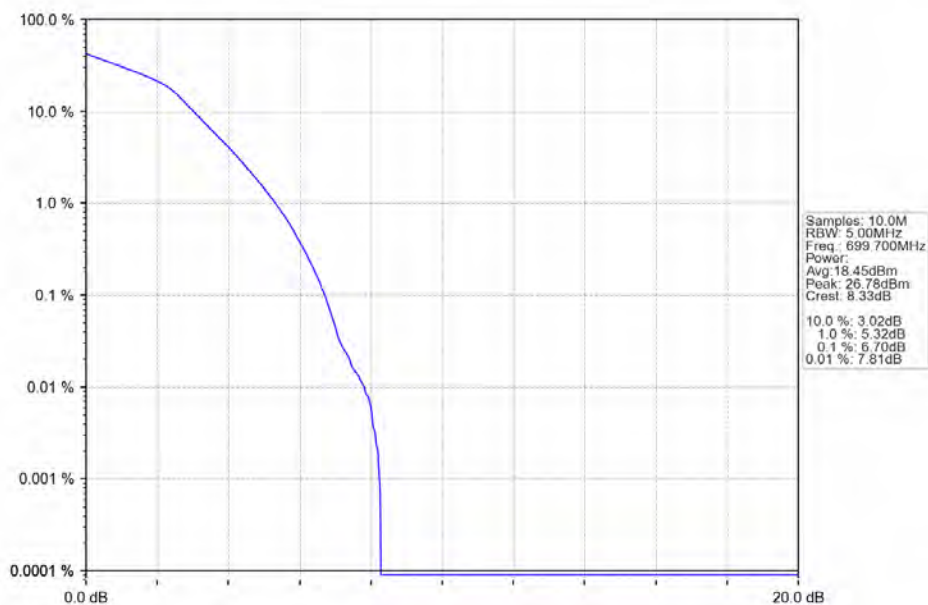


Band12 1.4MHz QPSK HCH 715.3MHz RB 6 0 NTV



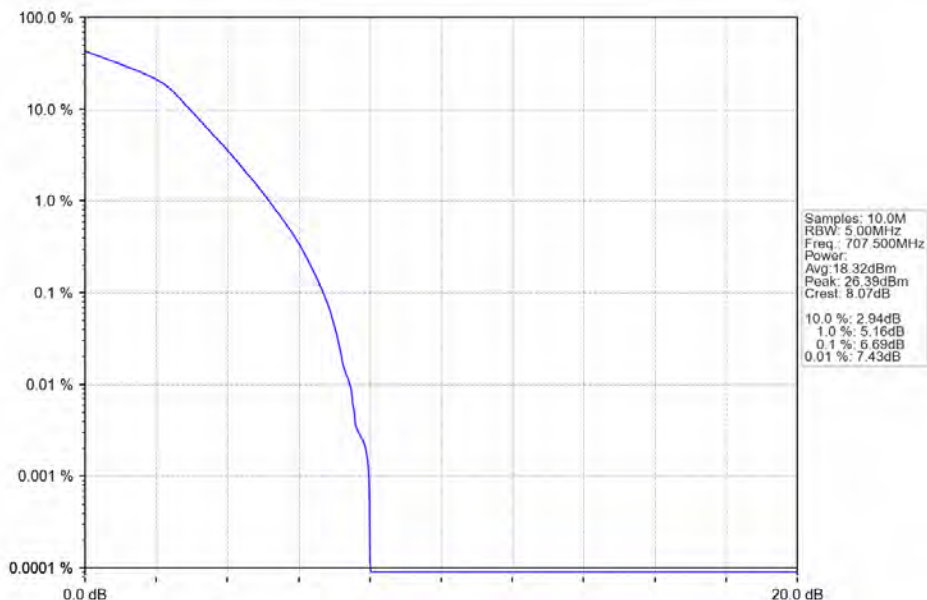
2024-10-11 17:36:34

Band12 1.4MHz 16QAM LCH 699.7MHz RB 6 0 NTV



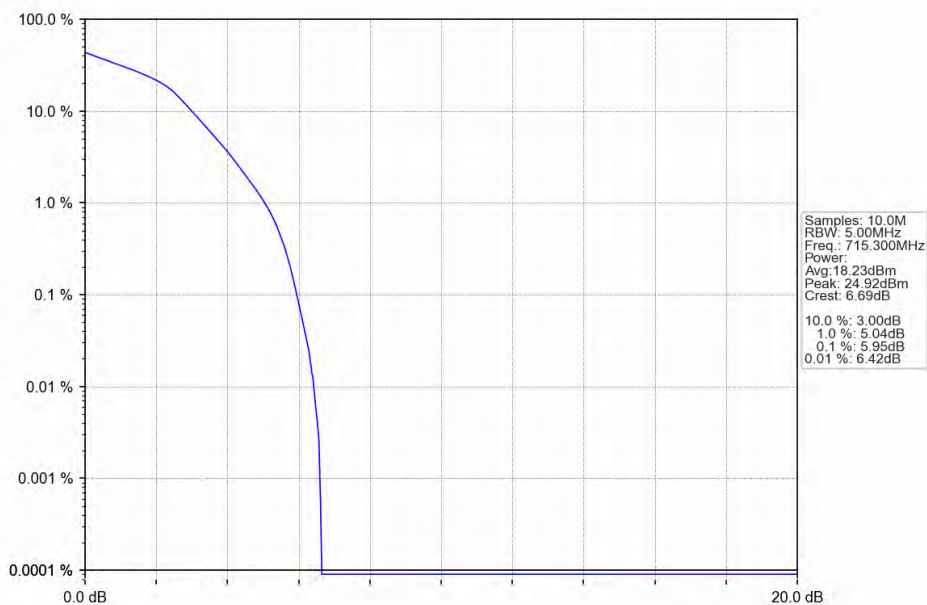
2024-10-11 17:35:52

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



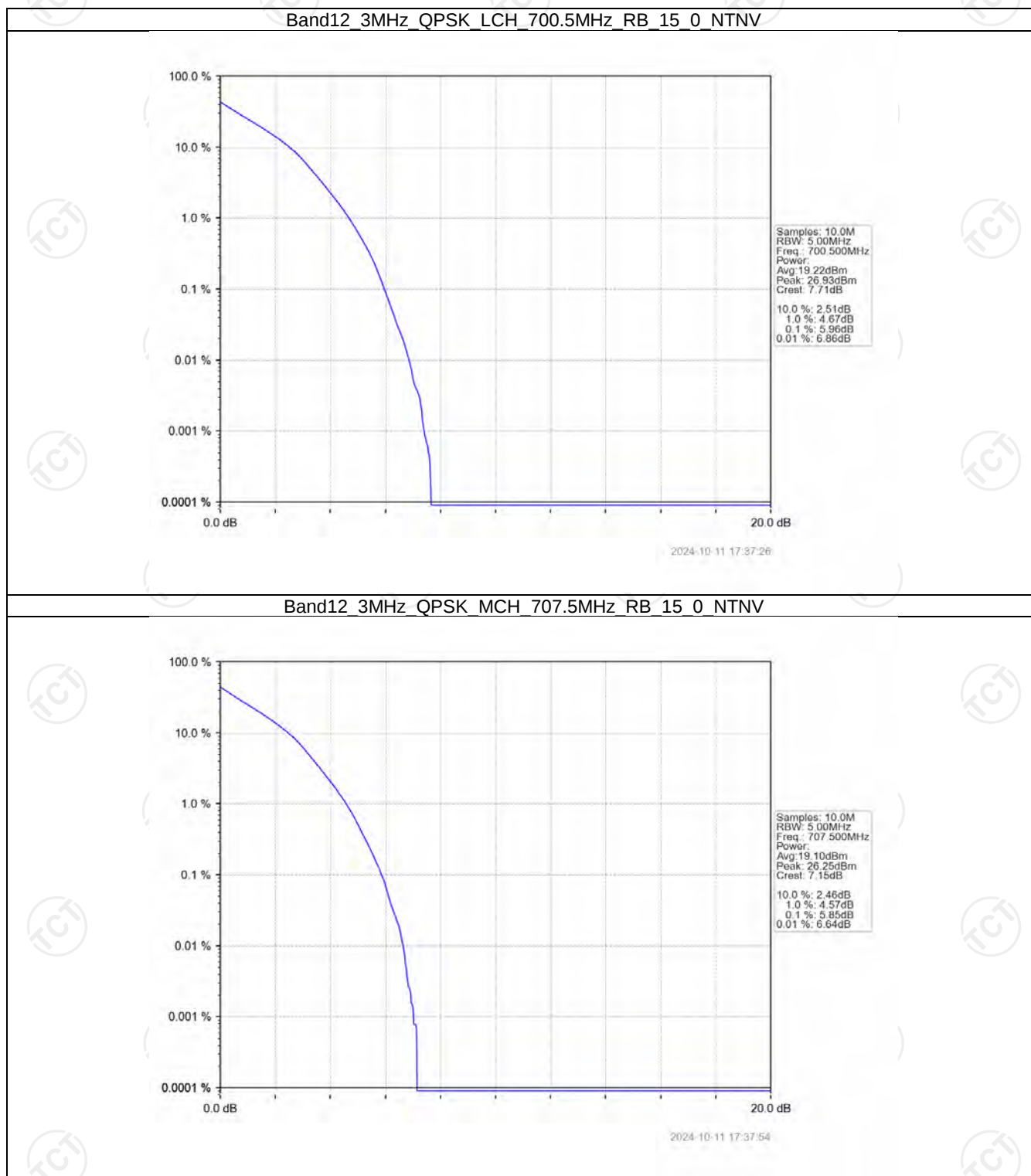
2024-10-11 17:36:21

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

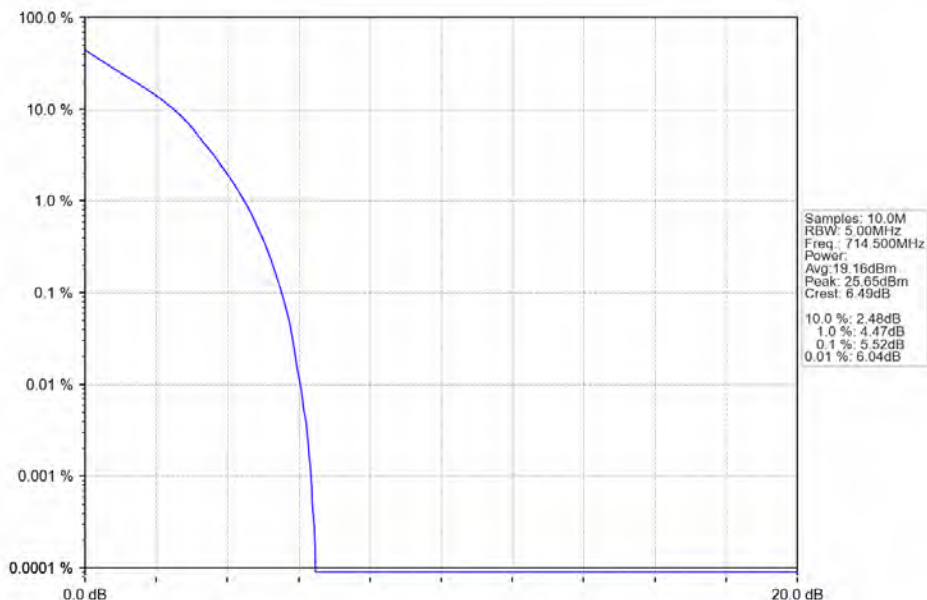


2024-10-11 17:36:46

5.2.2 B12_3MHz

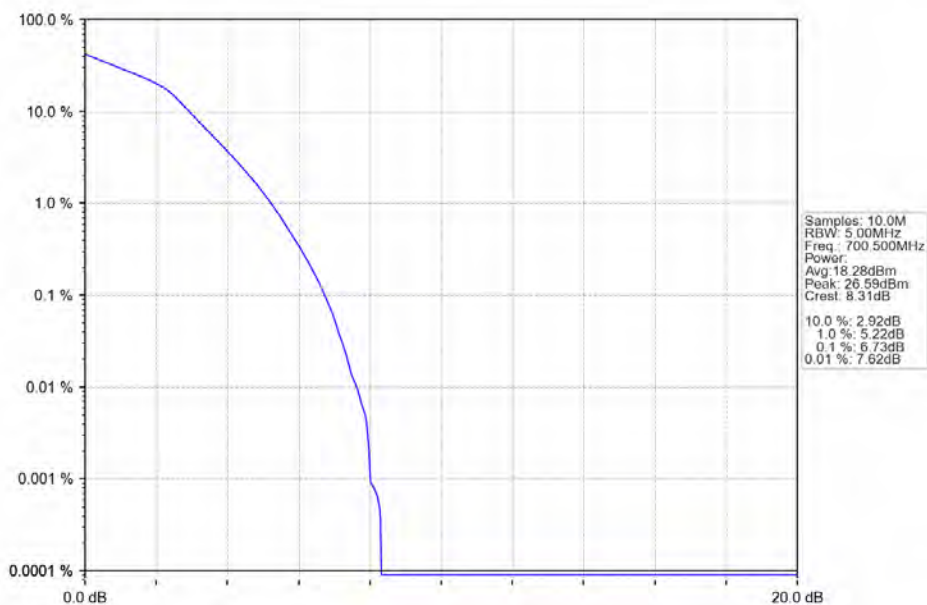


Band12 3MHz QPSK HCH 714.5MHz RB 15 0 NTNV



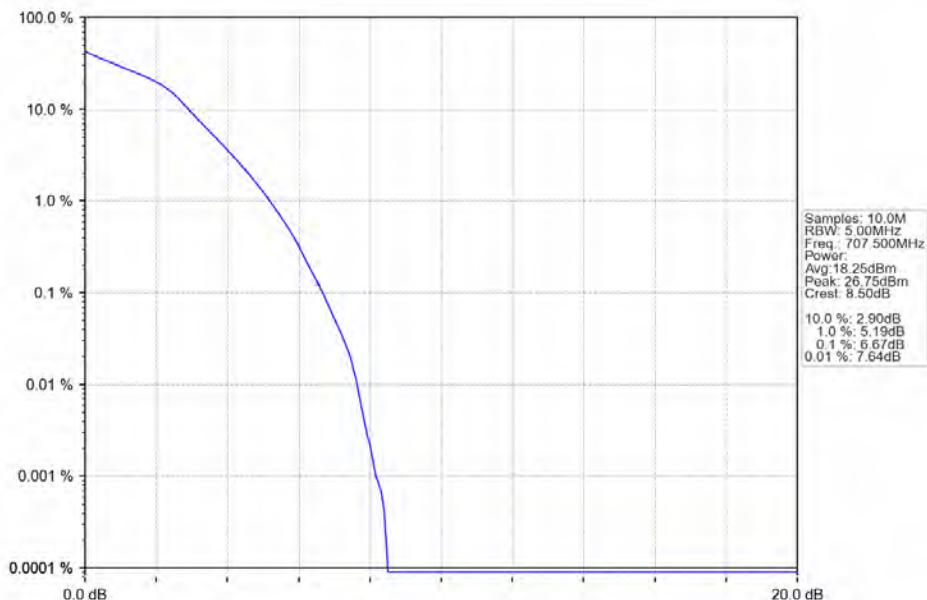
2024-10-11 17:38:22

Band12 3MHz 16QAM LCH 700.5MHz RB 15 0 NTNV



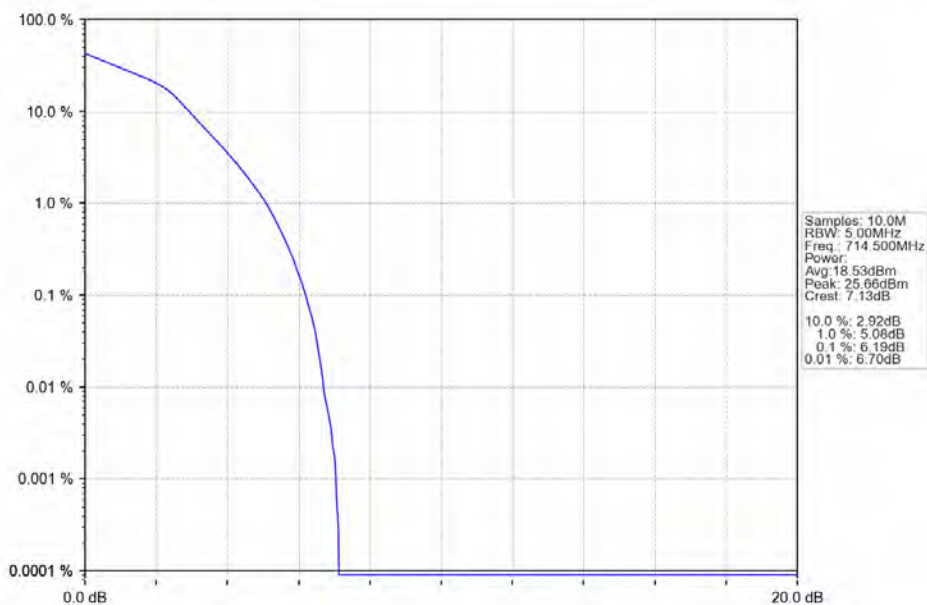
2024-10-11 17:37:39

Band12 3MHz 16QAM MCH 707.5MHz RB 15 0 NTV



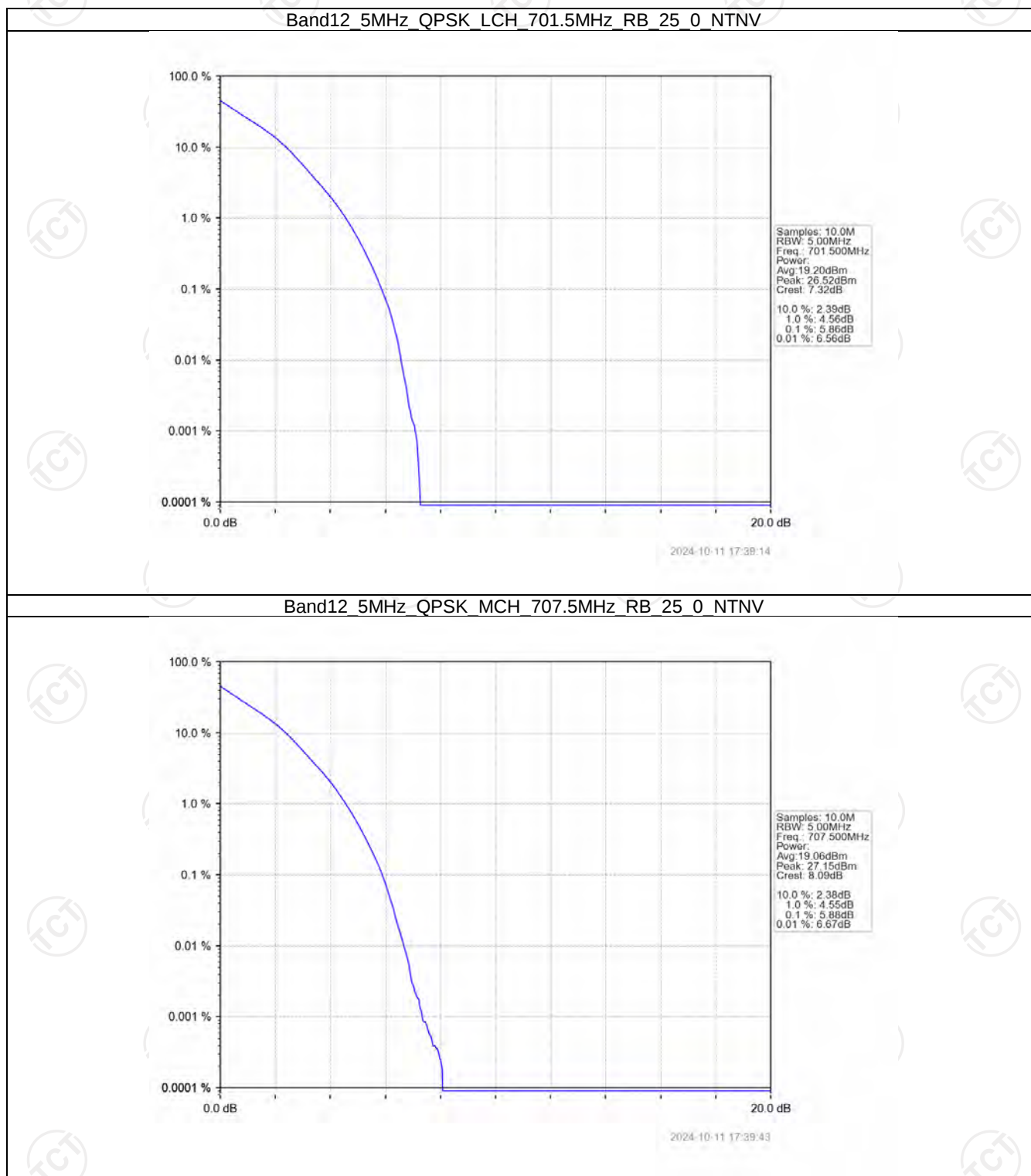
2024-10-11 17:38:08

Band12 3MHz 16QAM HCH 714.5MHz RB 15 0 NTV

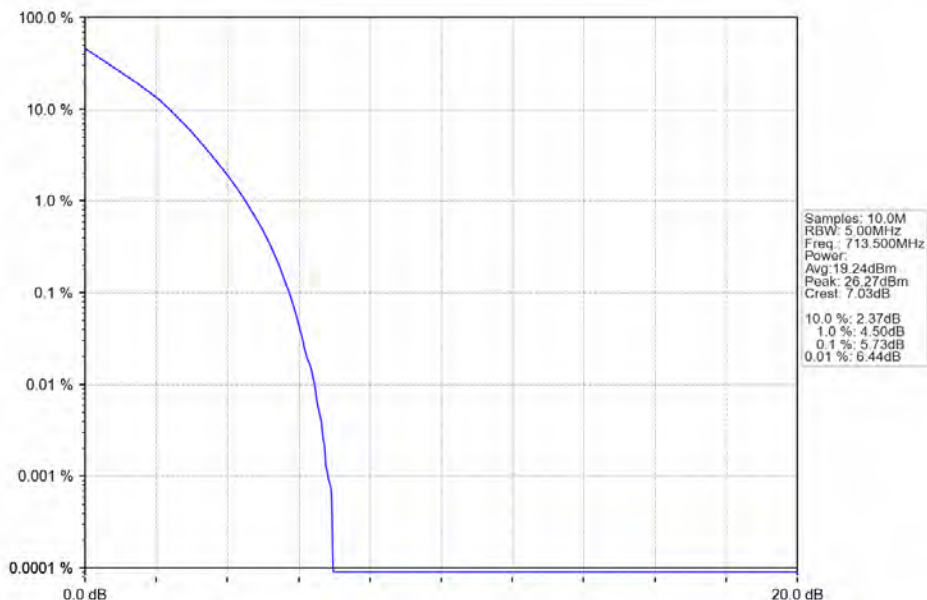


2024-10-11 17:38:35

5.2.3 B12_5MHz

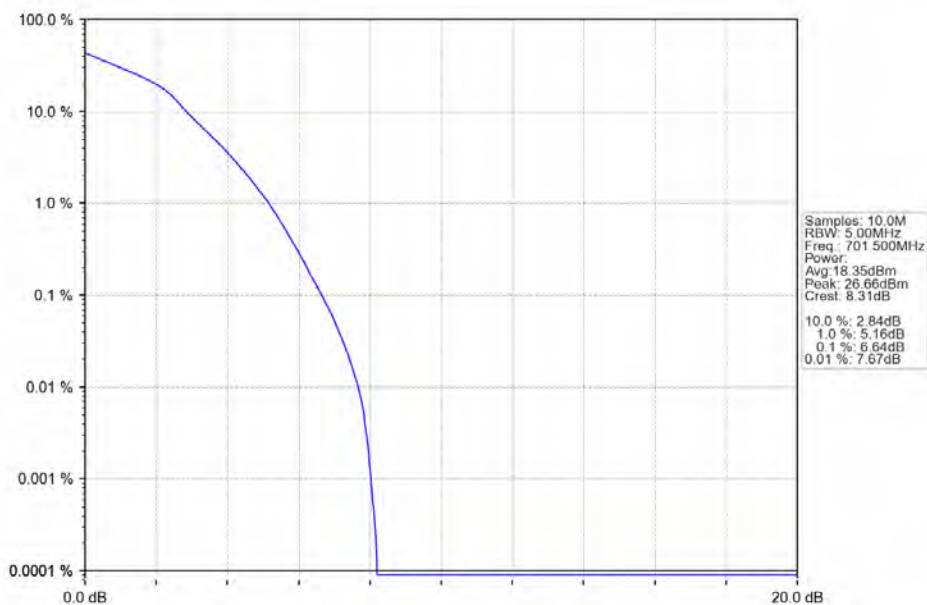


Band12 5MHz QPSK HCH 713.5MHz RB 25 0 NTNV



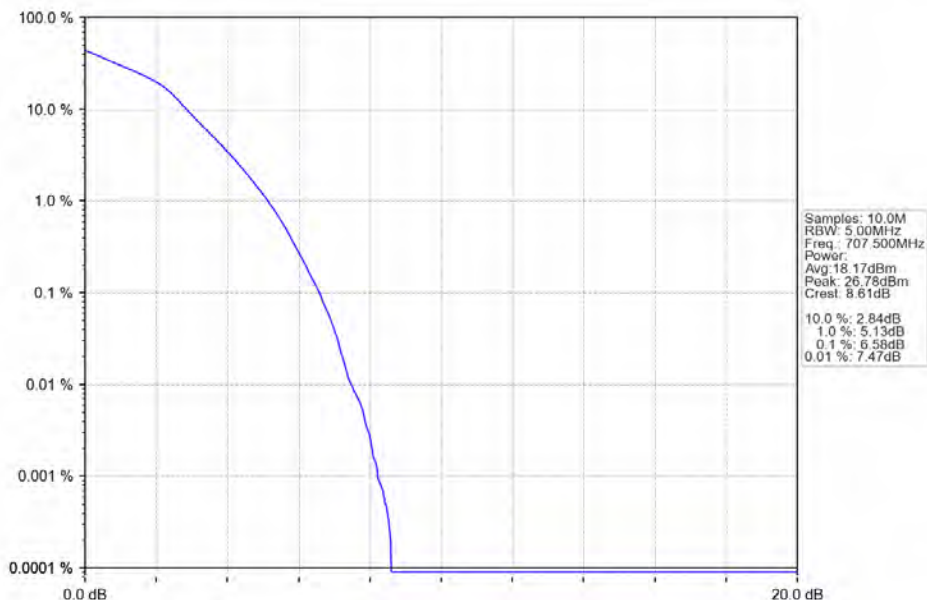
2024-10-11 17:40:13

Band12 5MHz 16QAM LCH 701.5MHz RB 25 0 NTNV



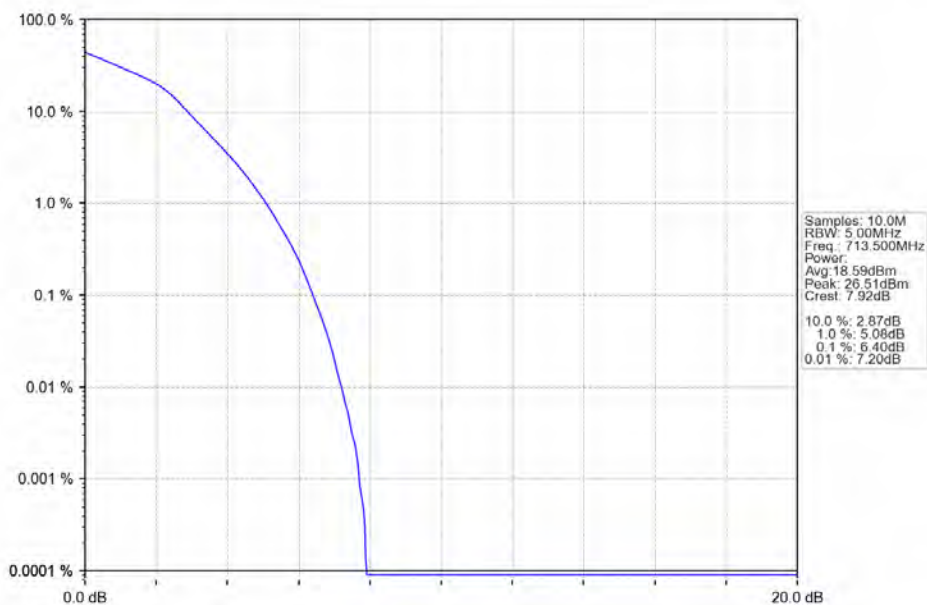
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Band12 5MHz 16QAM MCH 707.5MHz RB 25 0 NTV



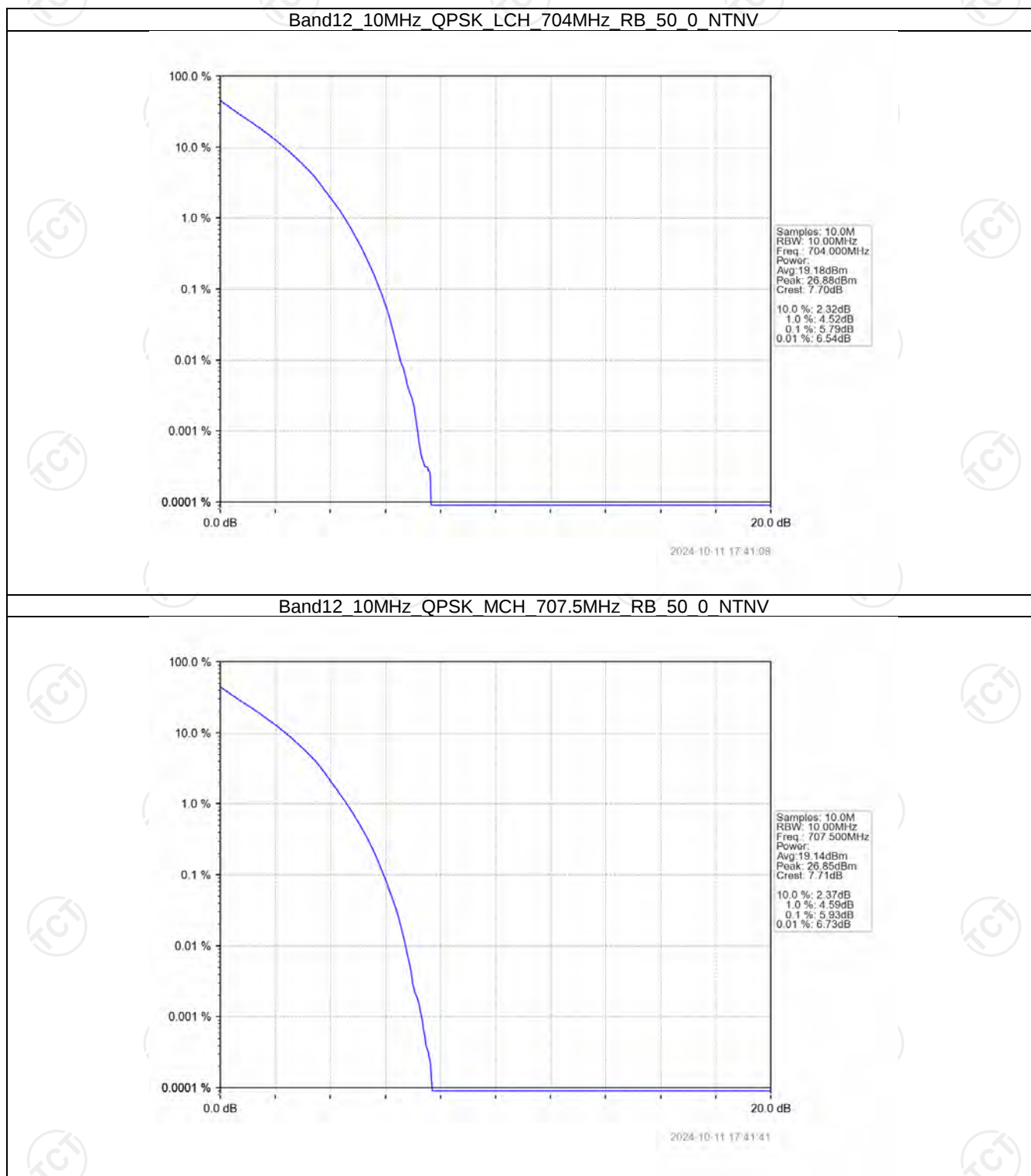
2024-10-11 17:39:57

Band12 5MHz 16QAM HCH 713.5MHz RB 25 0 NTV

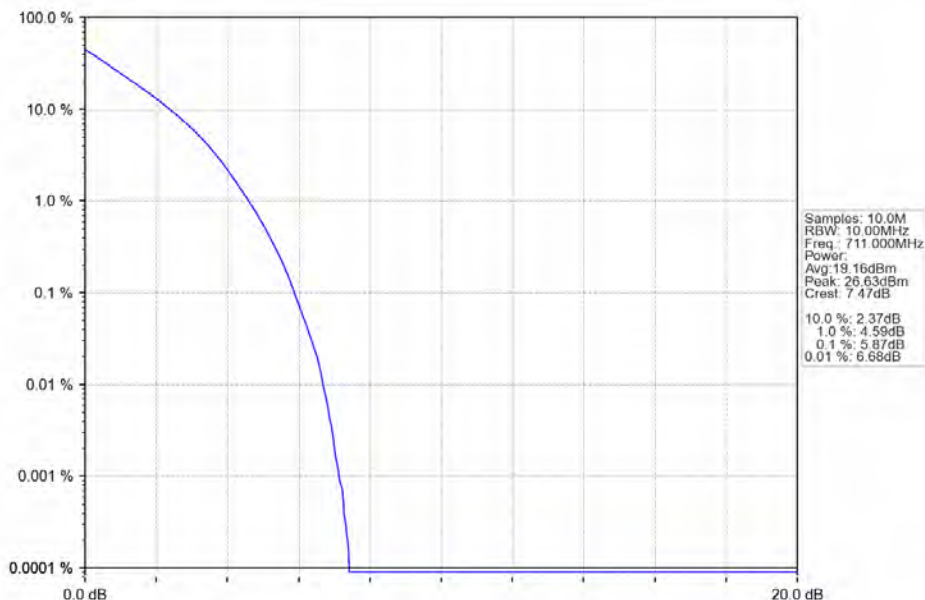


2024-10-11 17:40:26

5.2.4 B12_10MHz

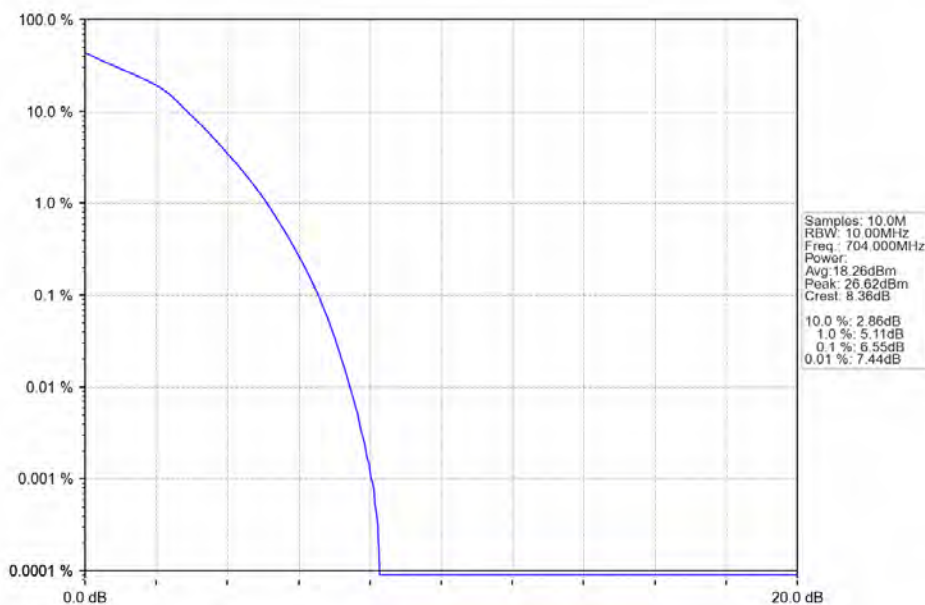


Band12 10MHz QPSK HCH 711MHz RB 50 0 NTNV



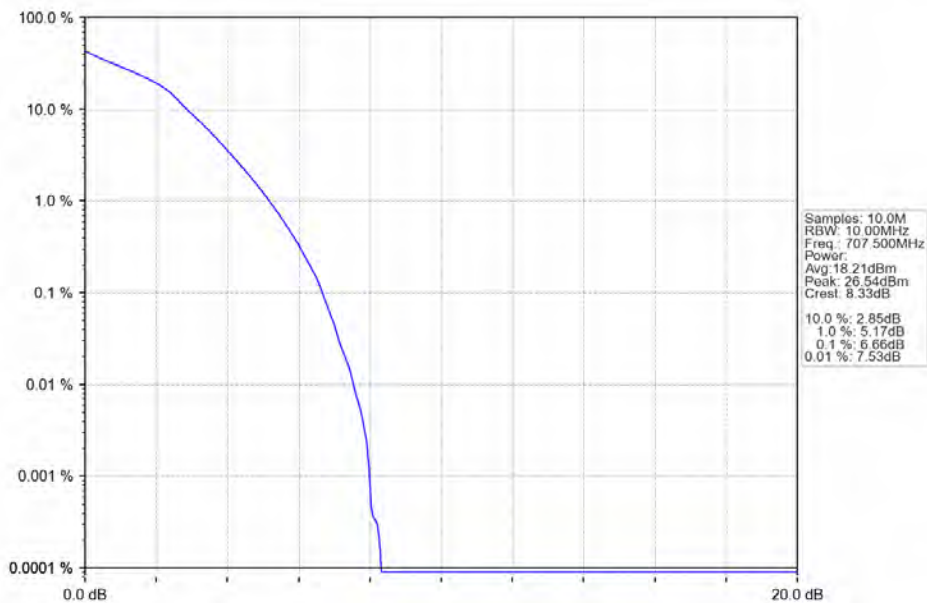
2024-10-11 17:42:14

Band12 10MHz 16QAM LCH 704MHz RB 50 0 NTNV



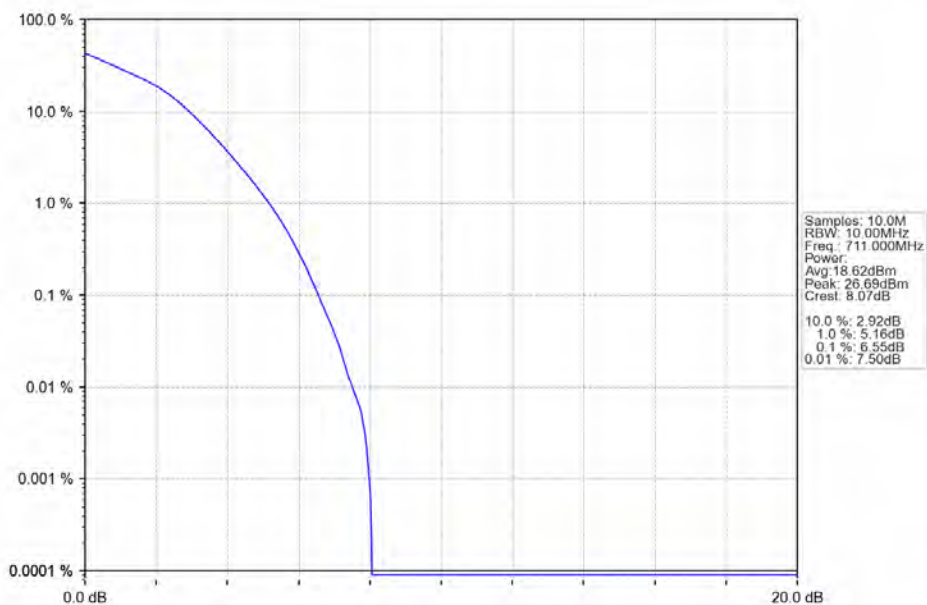
2024-10-11 17:41:23

Band12 10MHz 16QAM MCH 707.5MHz RB 50 0 NTN



2024-10-11 17:41:58

Band12 10MHz 16QAM HCH 711MHz RB 50 0 NTN



2024-10-11 17:42:29

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
	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
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

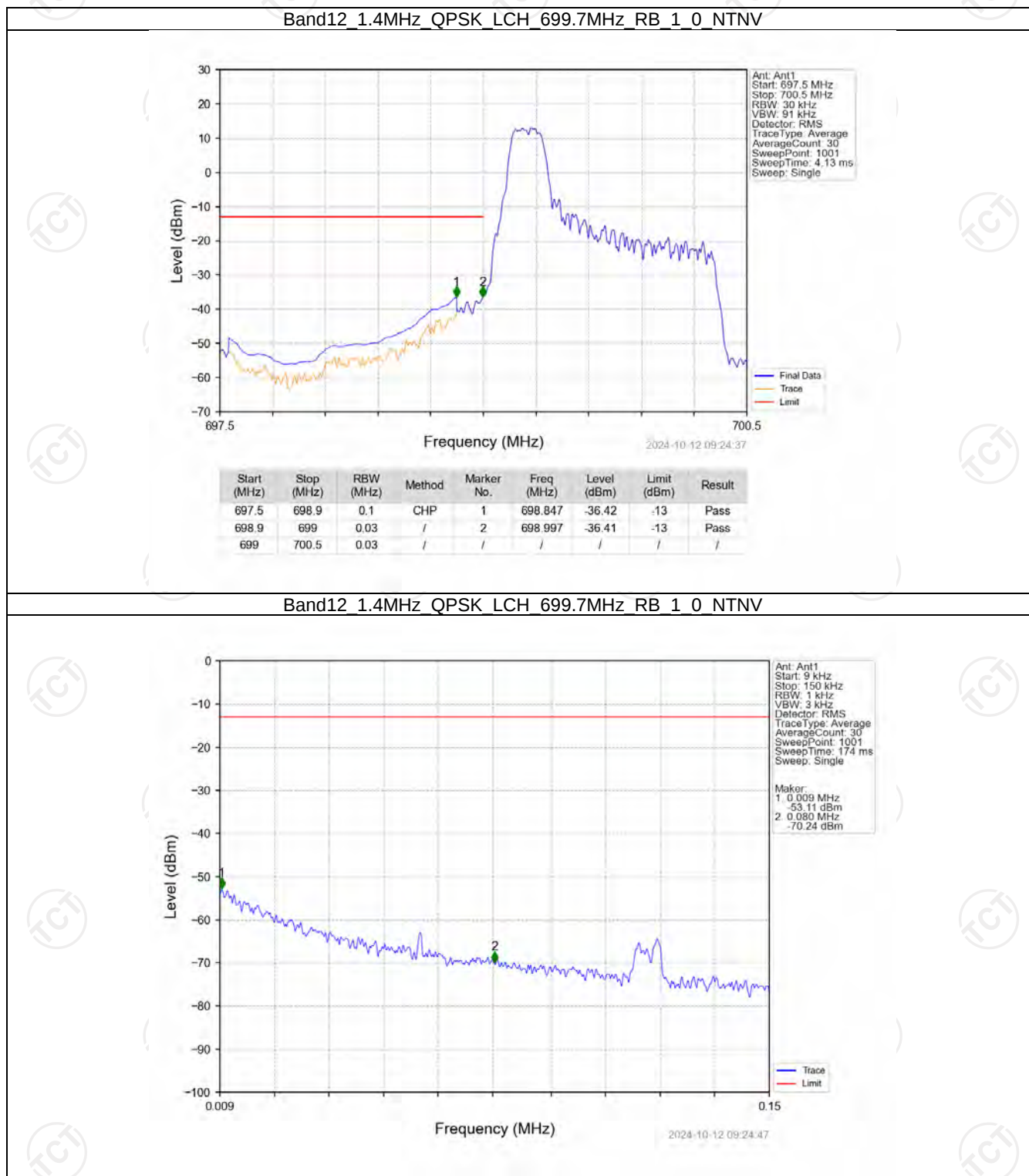
		25	0	Refer To Test Graph	Pass
	707.5	1	0	Refer To Test Graph	Pass
	713.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

6.1.4 B12_10MHz

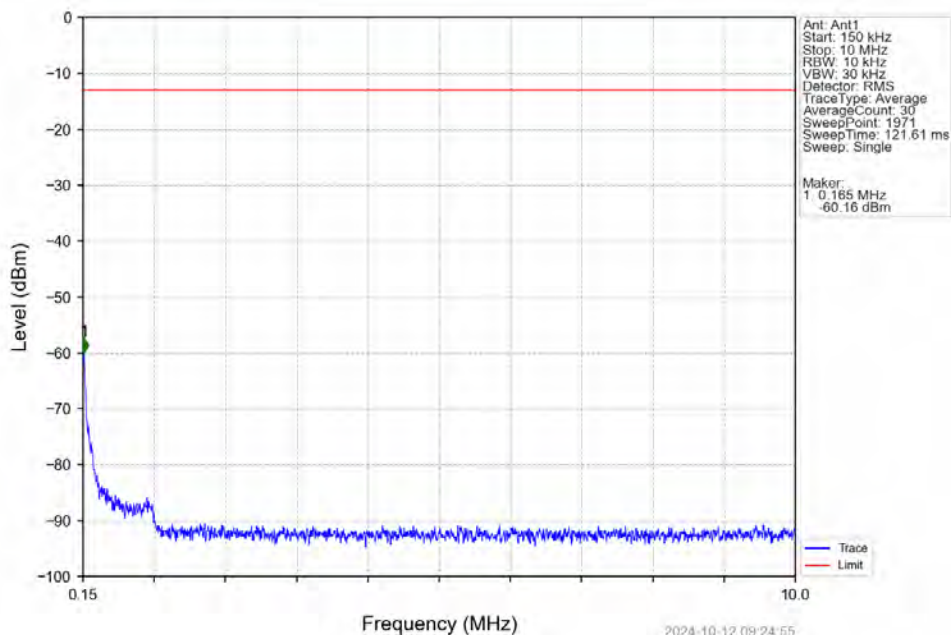
Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	704	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
	711	1	0	Refer To Test Graph		Pass
			49	Refer To Test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

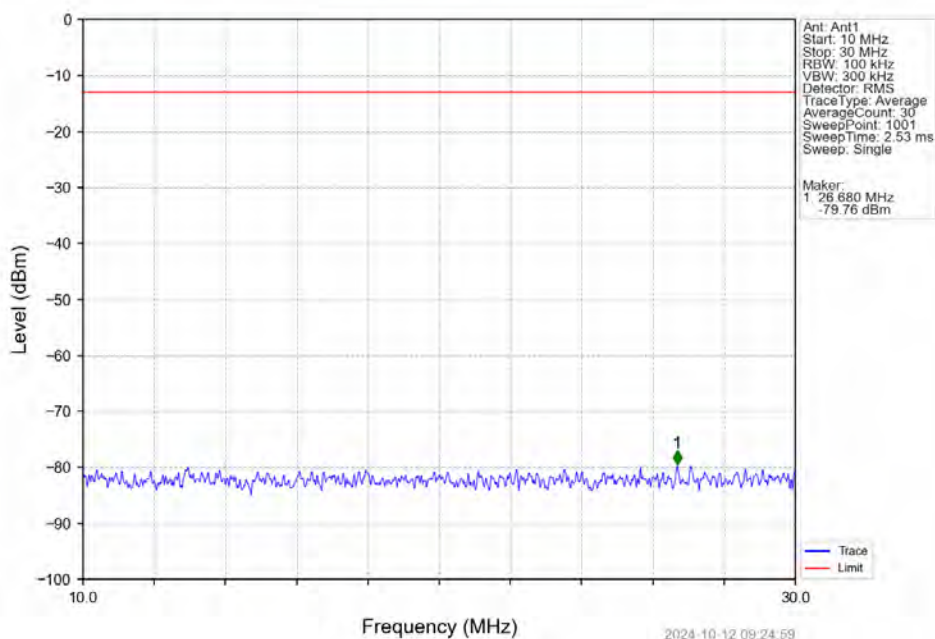
6.2.1 B12_1.4MHz



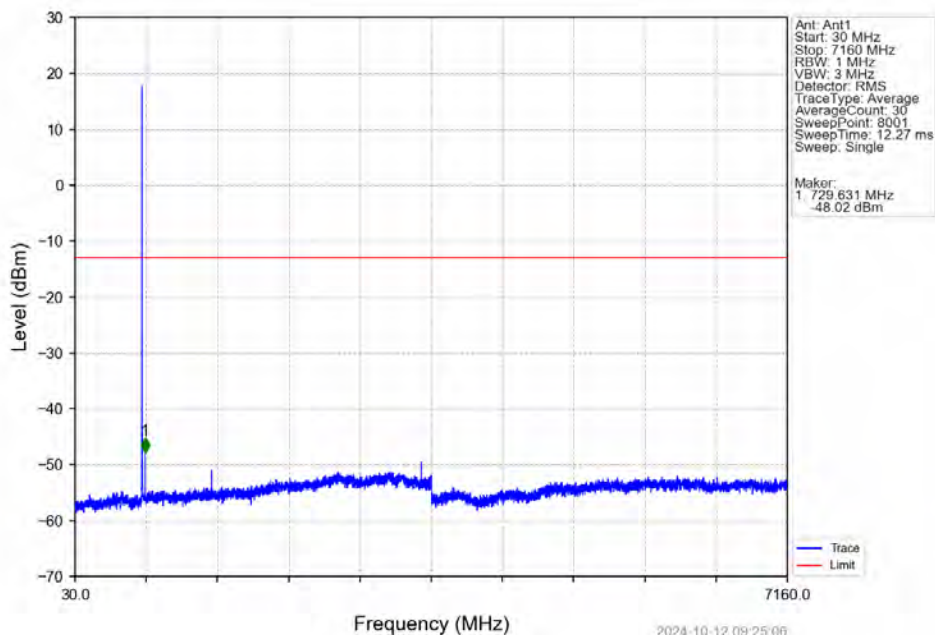
Band12 1.4MHz QPSK LCH 699.7MHz RB 1 0 NTNV



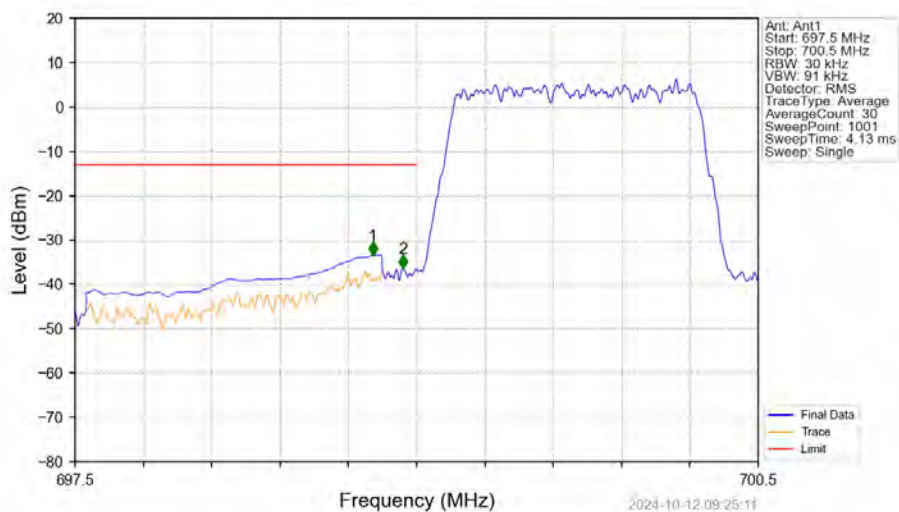
Band12 1.4MHz QPSK LCH 699.7MHz RB 1 0 NTNV



Band12 1.4MHz QPSK LCH 699.7MHz RB 1 0 NTV

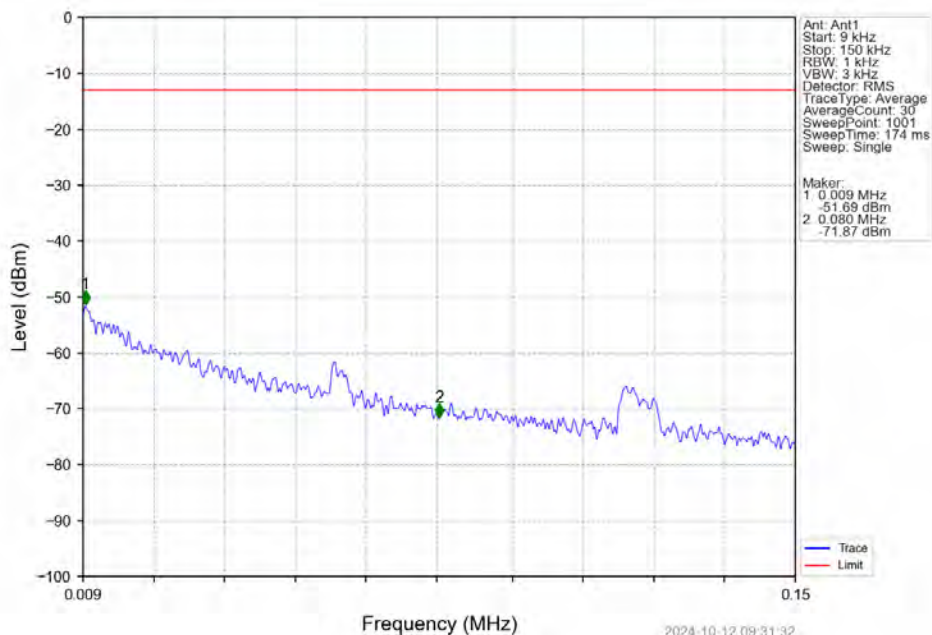


Band12 1.4MHz QPSK LCH 699.7MHz RB 6 0 NTV

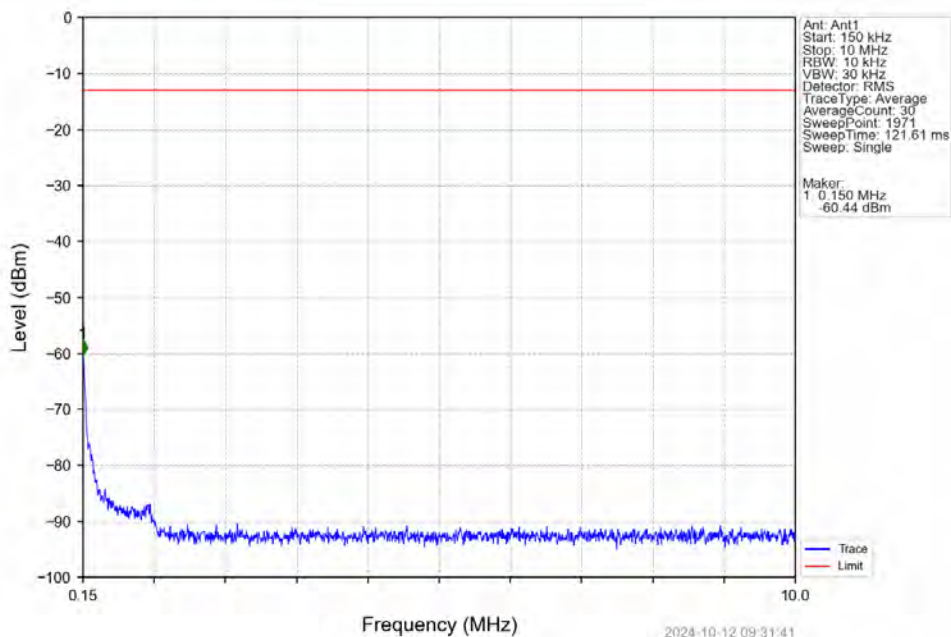


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
697.5	698.9	0.1	CHP	1	698.808	-33.45	-13	Pass
698.9	699	0.03	/	2	698.940	-36.42	-13	Pass
699	700.5	0.03	/	/	/	/	/	/

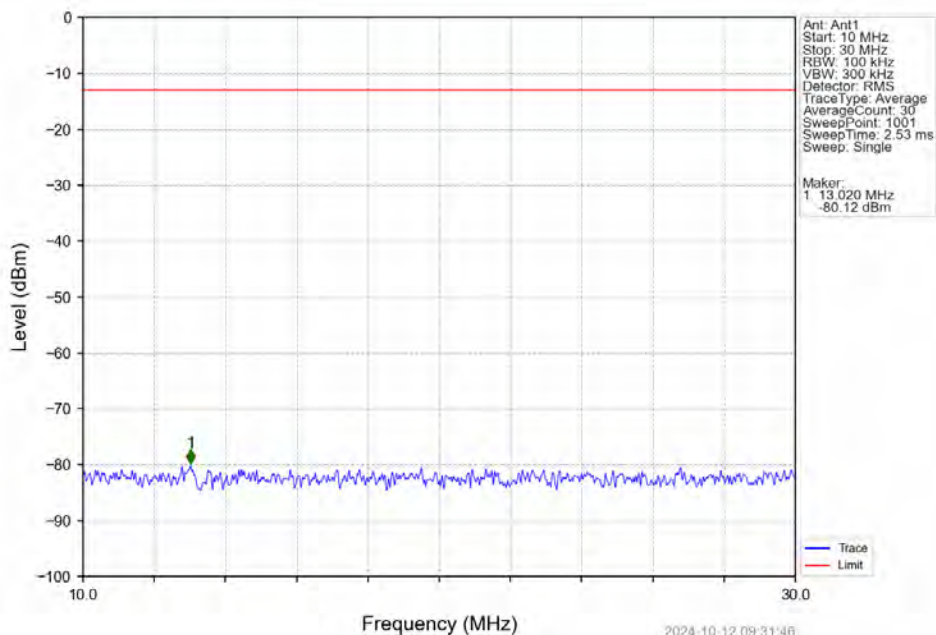
Band12 1.4MHz QPSK MCH 707.5MHz RB 1 0 NTNV



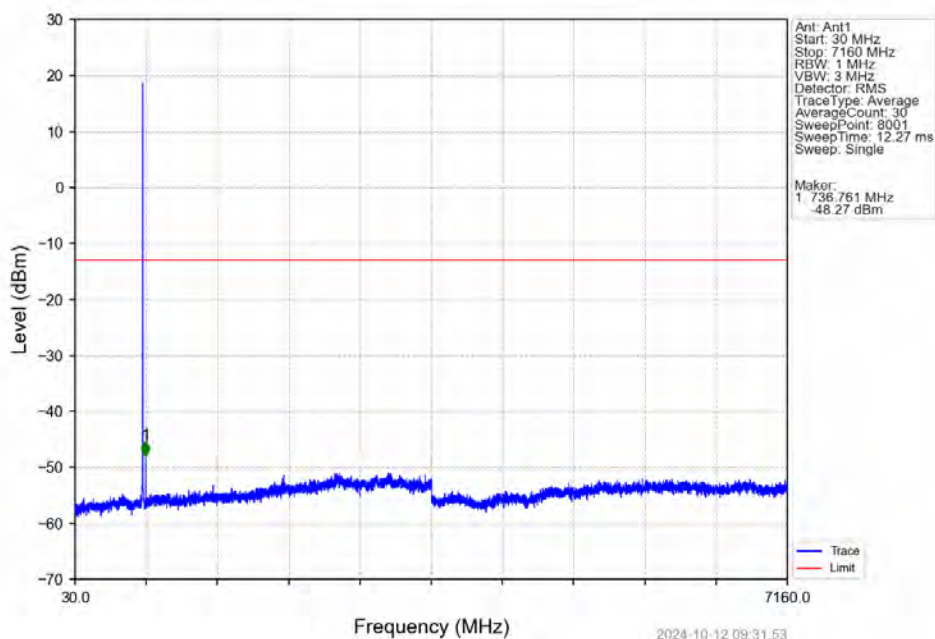
Band12 1.4MHz QPSK MCH 707.5MHz RB 1 0 NTNV



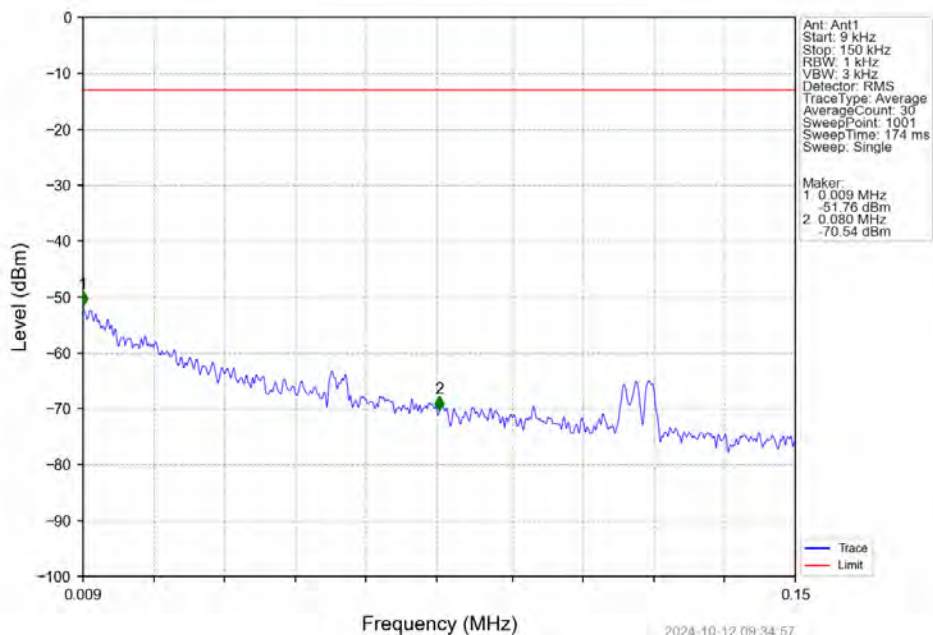
Band12 1.4MHz QPSK MCH 707.5MHz RB 1 0 NTNV



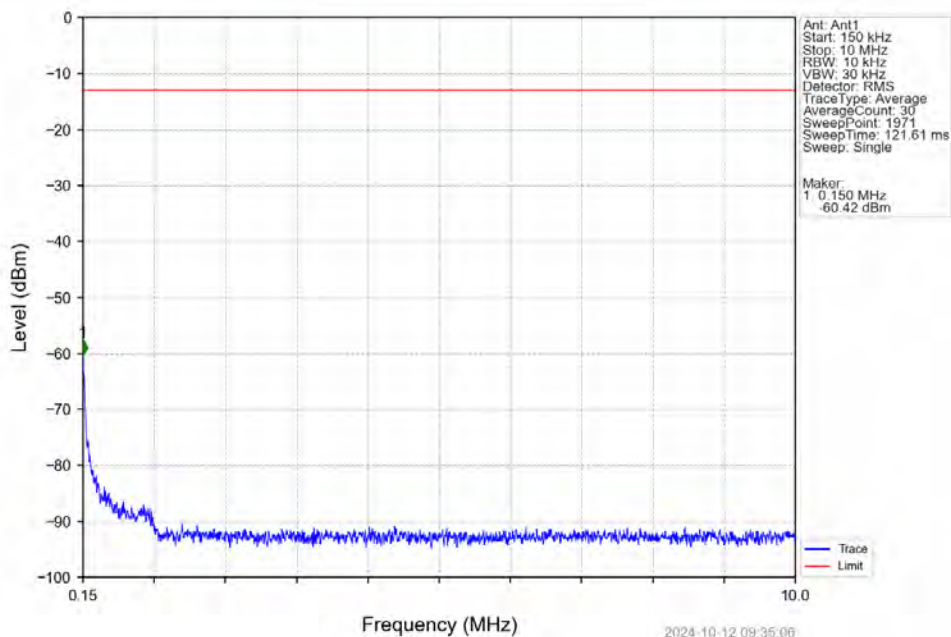
Band12 1.4MHz QPSK MCH 707.5MHz RB 1 0 NTNV



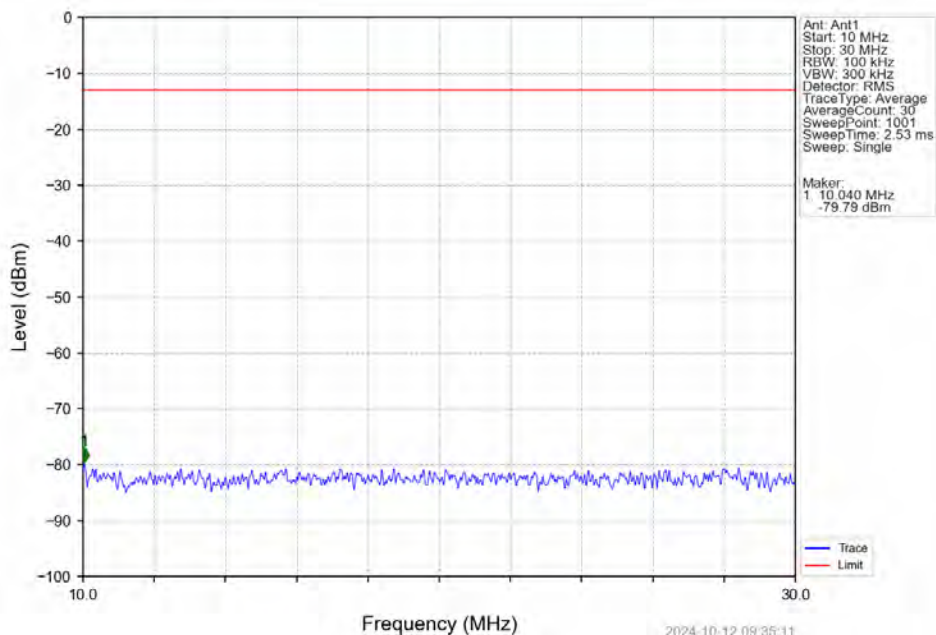
Band12 1.4MHz QPSK HCH 715.3MHz RB 1 0 NTNV



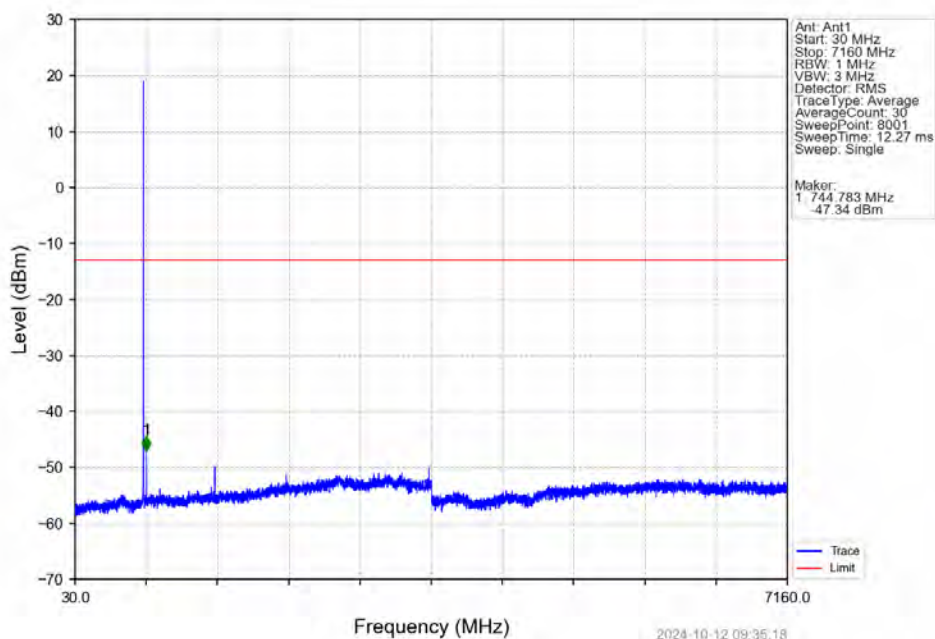
Band12 1.4MHz QPSK HCH 715.3MHz RB 1 0 NTNV



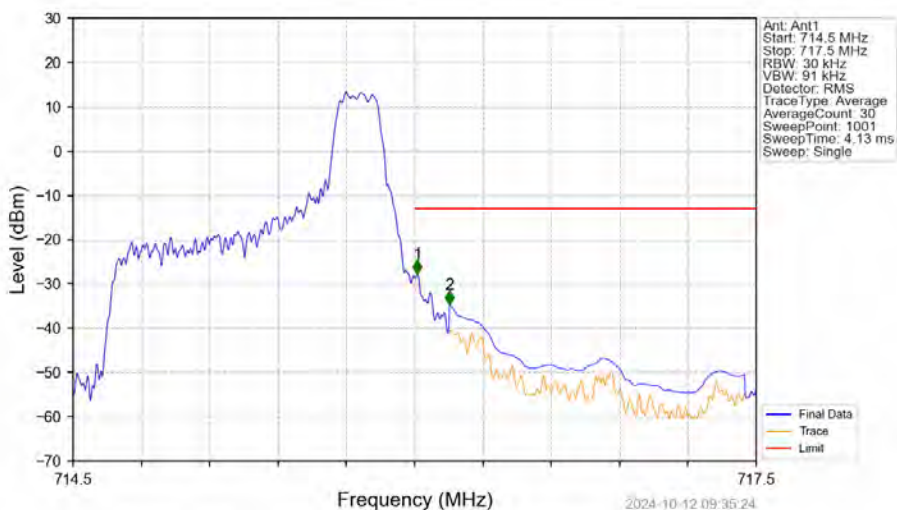
Band12 1.4MHz QPSK HCH 715.3MHz RB 1 0 NTV



Band12 1.4MHz QPSK HCH 715.3MHz RB 1 0 NTV

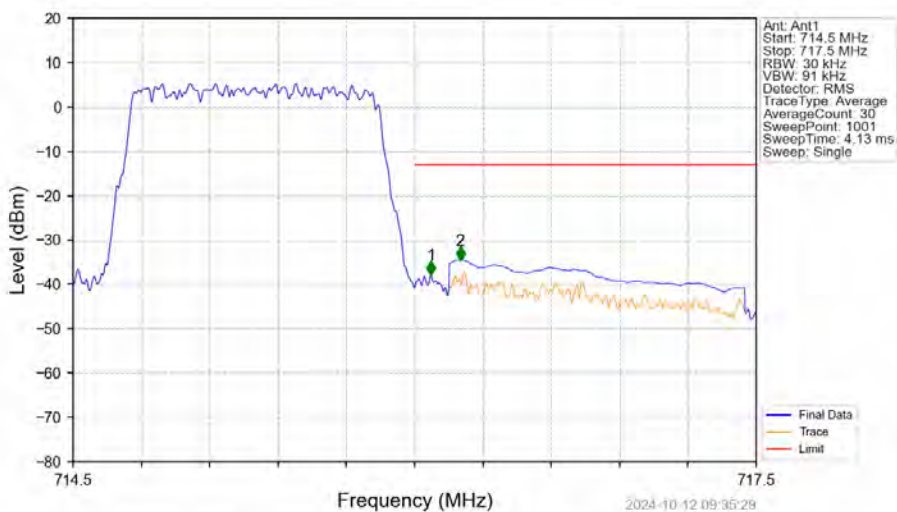


Band12 1.4MHz QPSK HCH 715.3MHz RB 1 5 NTNV



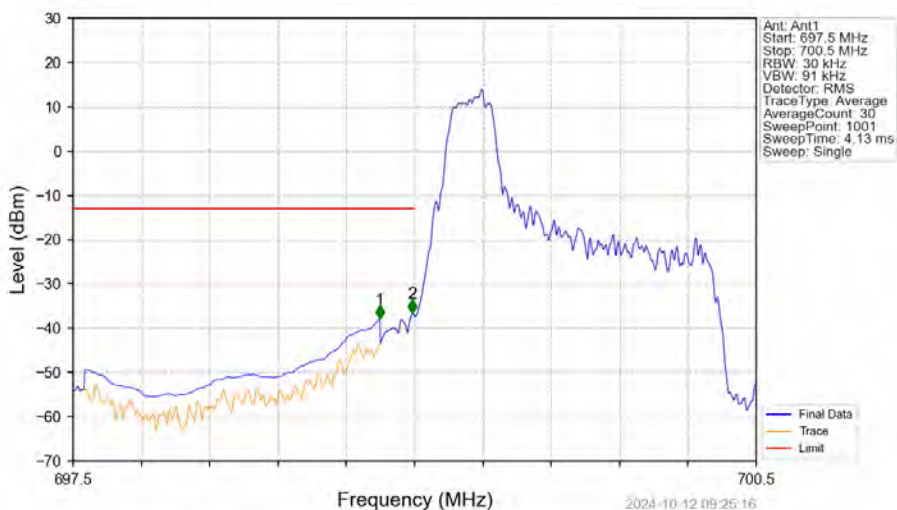
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
714.5	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.012	-27.75	-13	Pass
716.1	717.5	0.1	CHP	2	716.153	-34.66	-13	Pass

Band12 1.4MHz QPSK HCH 715.3MHz RB 6 0 NTNV



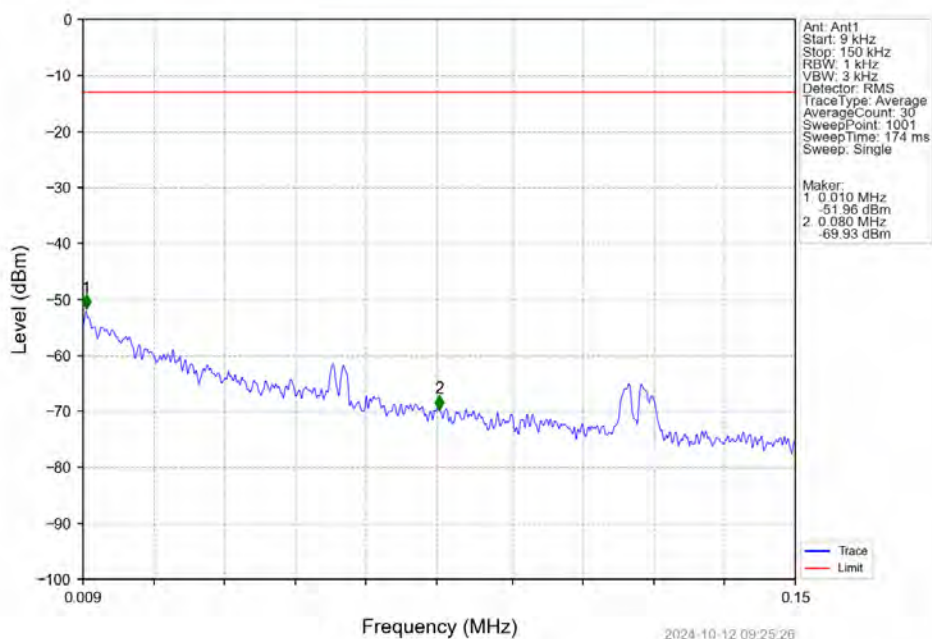
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
714.5	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.072	-37.87	-13	Pass
716.1	717.5	0.1	CHP	2	716.201	-34.51	-13	Pass

Band12 1.4MHz 16QAM LCH 699.7MHz RB 1 0 NTNV

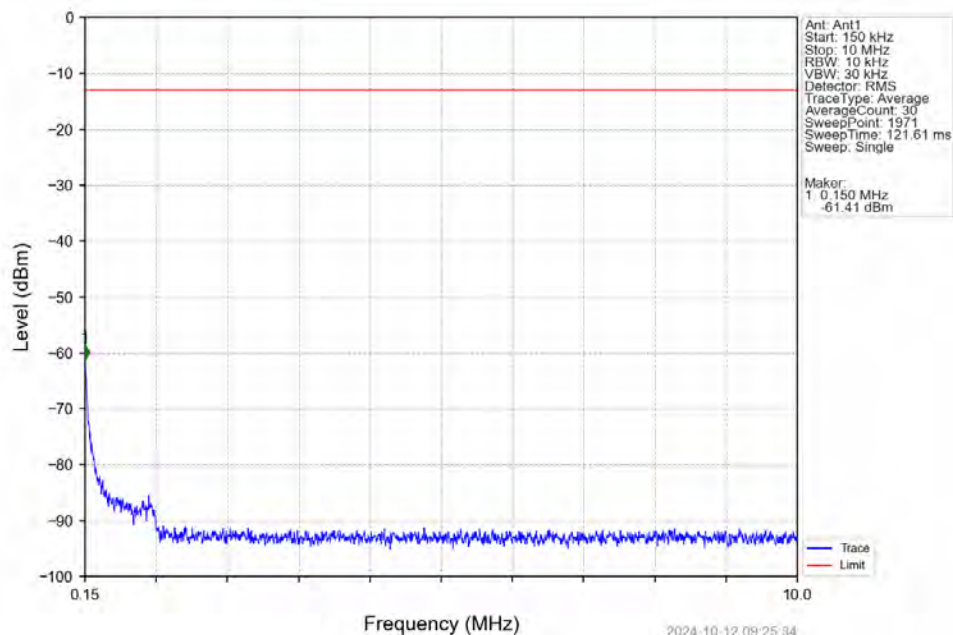


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
697.5	698.9	0.1	CHP	1	698.847	-37.81	-13	Pass
698.9	699	0.03	/	2	698.991	-36.63	-13	Pass
699	700.5	0.03	/	/	/	/	/	/

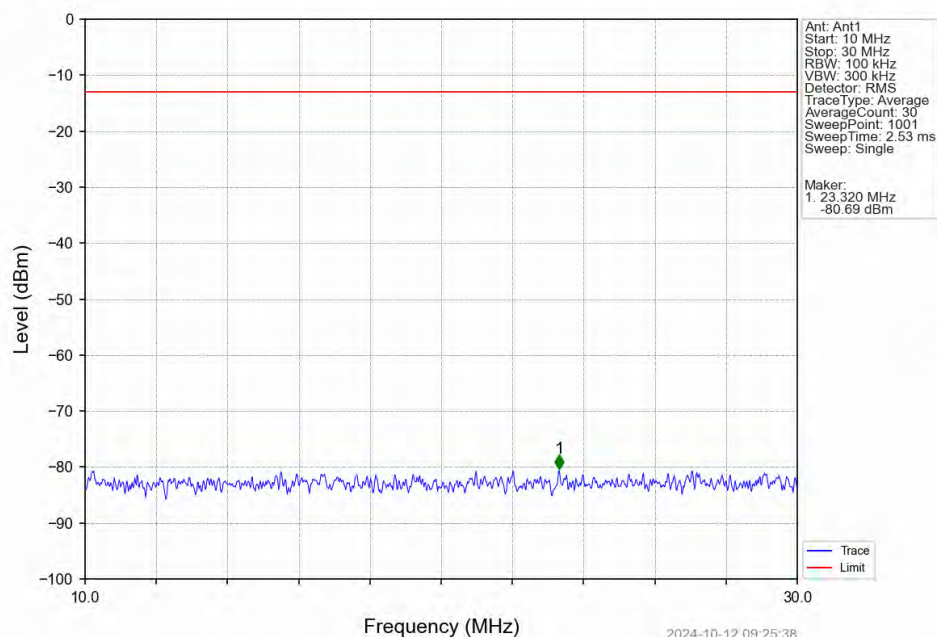
Band12 1.4MHz 16QAM LCH 699.7MHz RB 1 0 NTNV



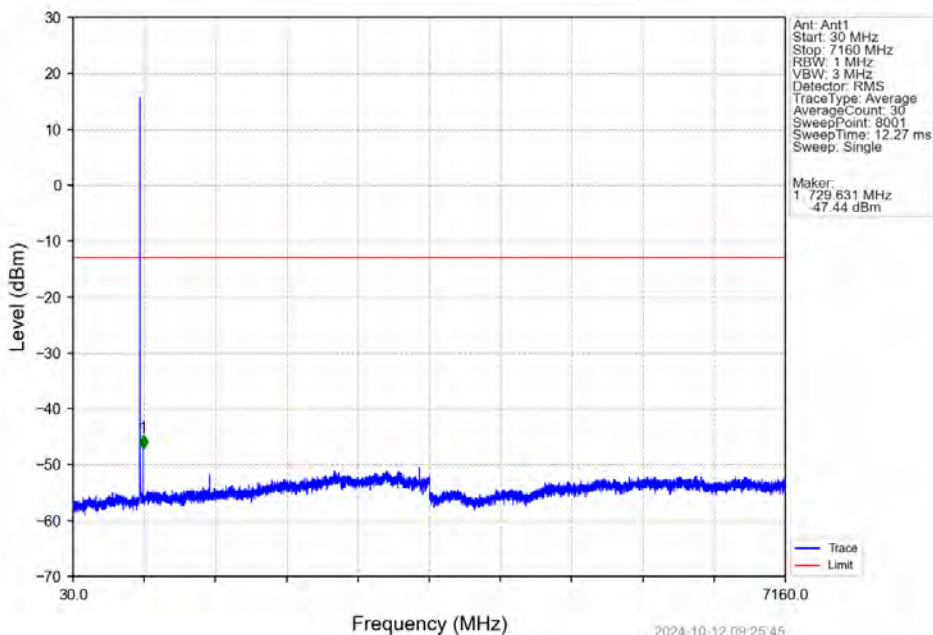
Band12 1.4MHz 16QAM LCH 699.7MHz RB 1 0 NTNV



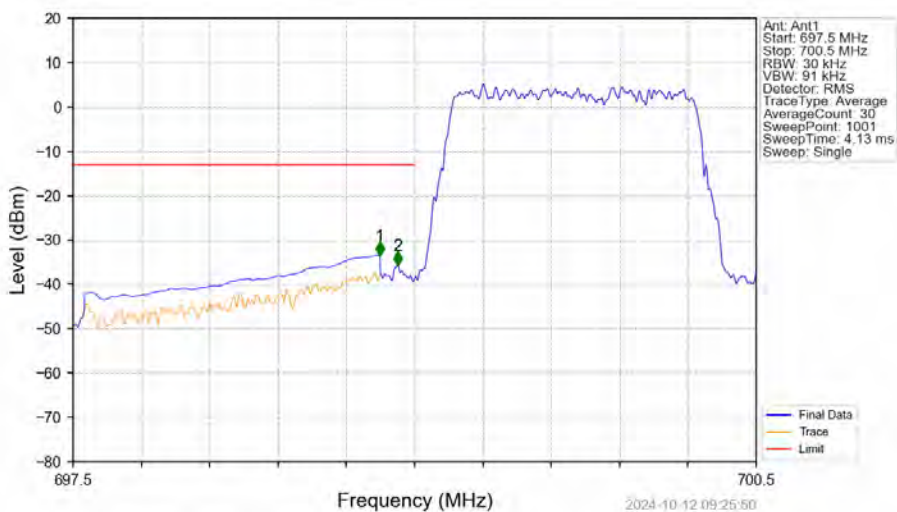
Band12 1.4MHz 16QAM LCH 699.7MHz RB 1 0 NTNV



Band12 1.4MHz 16QAM LCH 699.7MHz RB 1 0 NTV

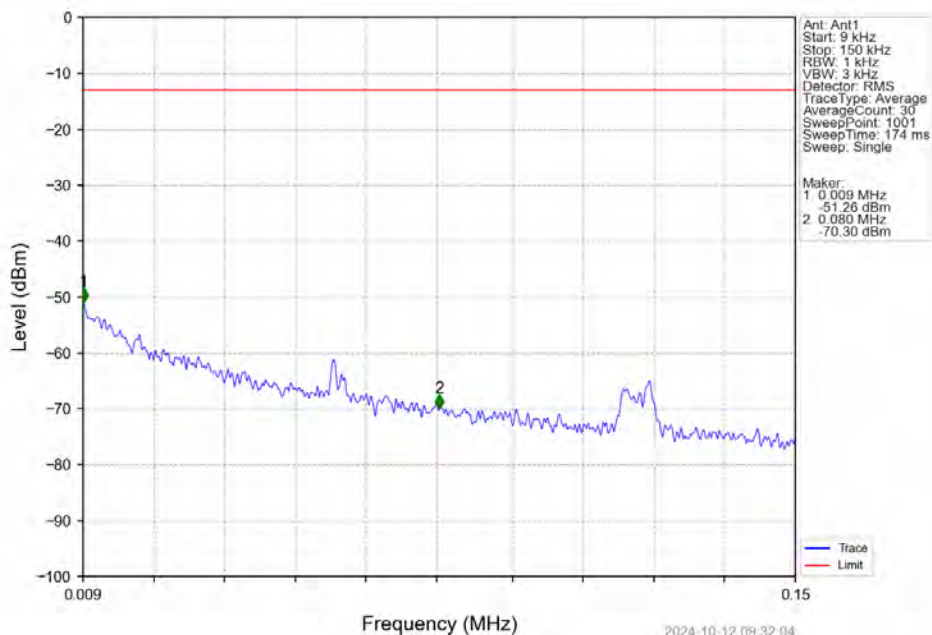


Band12 1.4MHz 16QAM LCH 699.7MHz RB 6 0 NTV

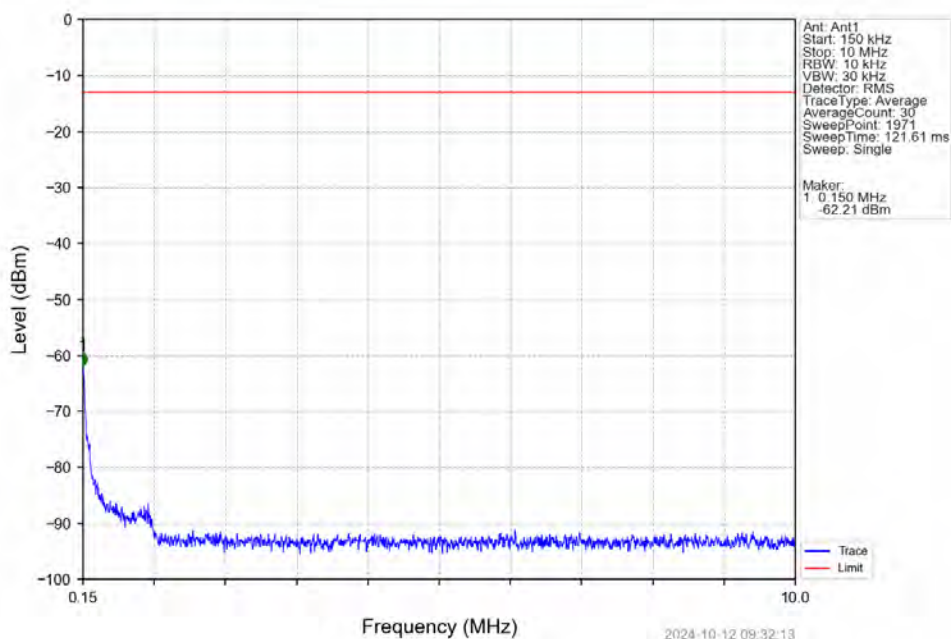


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
697.5	698.9	0.1	CHP	1	698.847	-33.42	-13	Pass
698.9	699	0.03	/	2	698.925	-35.69	-13	Pass
699	700.5	0.03	/	/	/	/	/	/

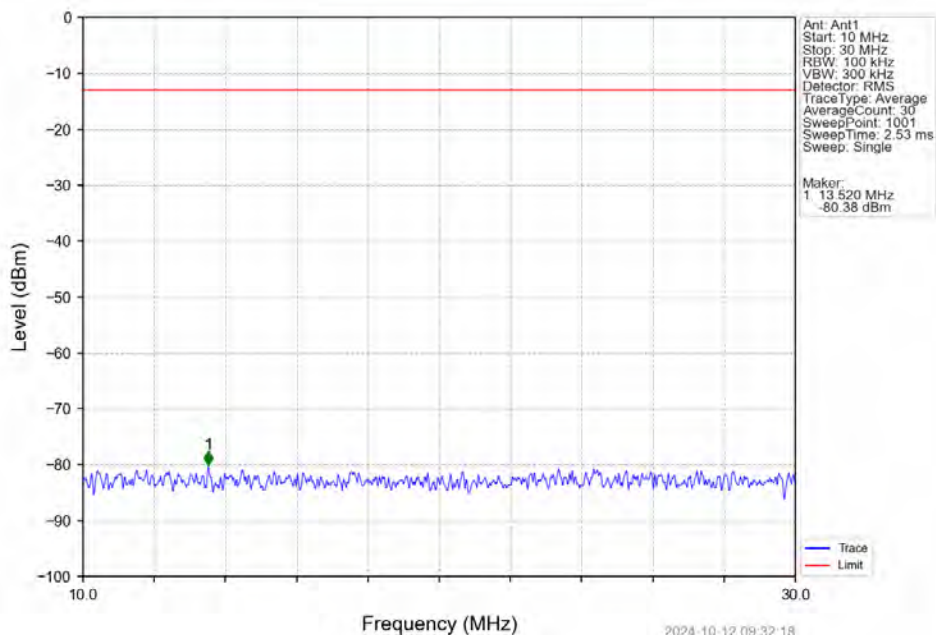
Band12 1.4MHz 16QAM MCH 707.5MHz RB 1 0 NTNV



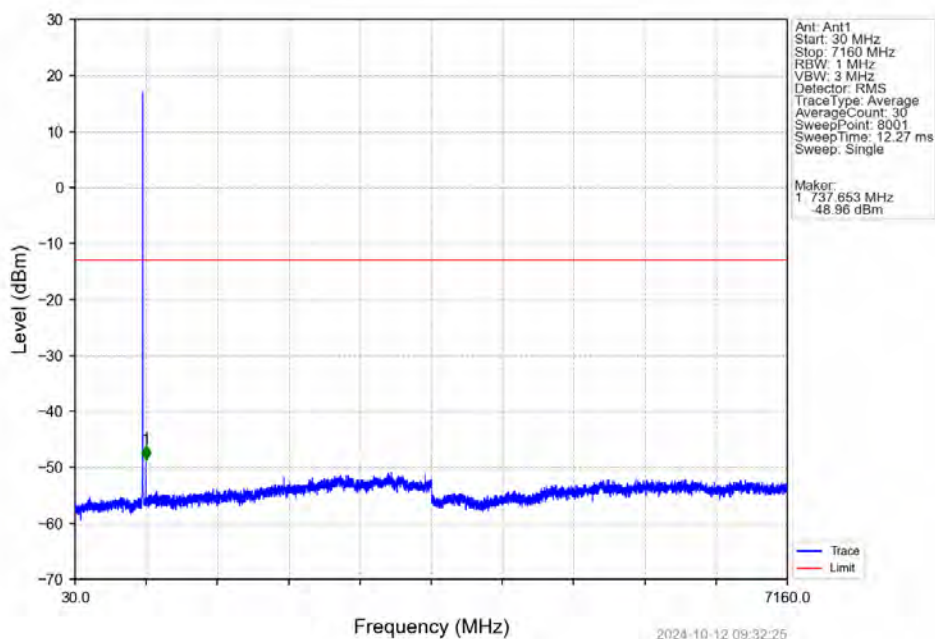
Band12 1.4MHz 16QAM MCH 707.5MHz RB 1 0 NTNV



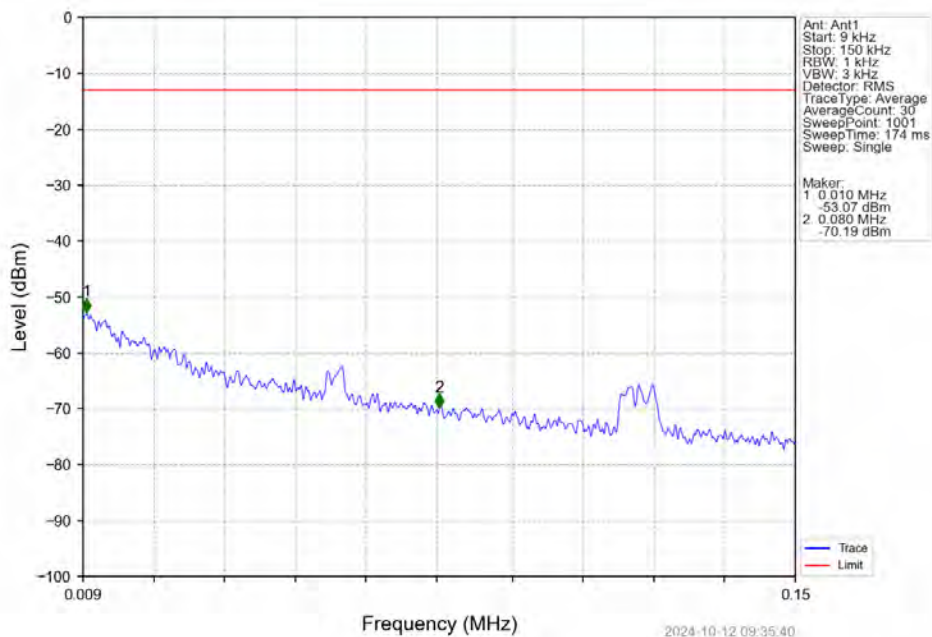
Band12 1.4MHz 16QAM MCH 707.5MHz RB 1 0 NTN



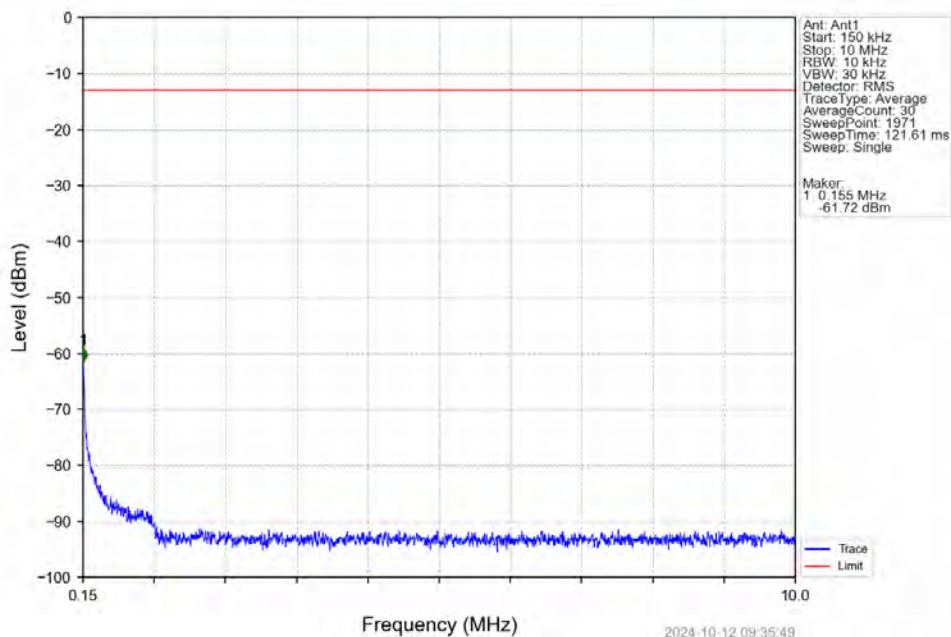
Band12 1.4MHz 16QAM MCH 707.5MHz RB 1 0 NTN



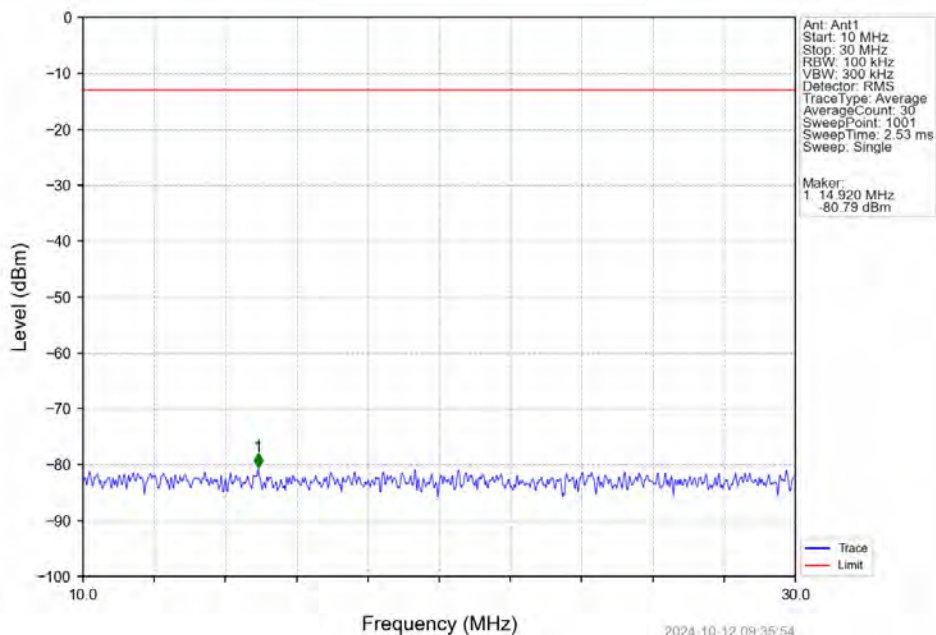
Band12 1.4MHz 16QAM HCH 715.3MHz RB 1 0 NTNV



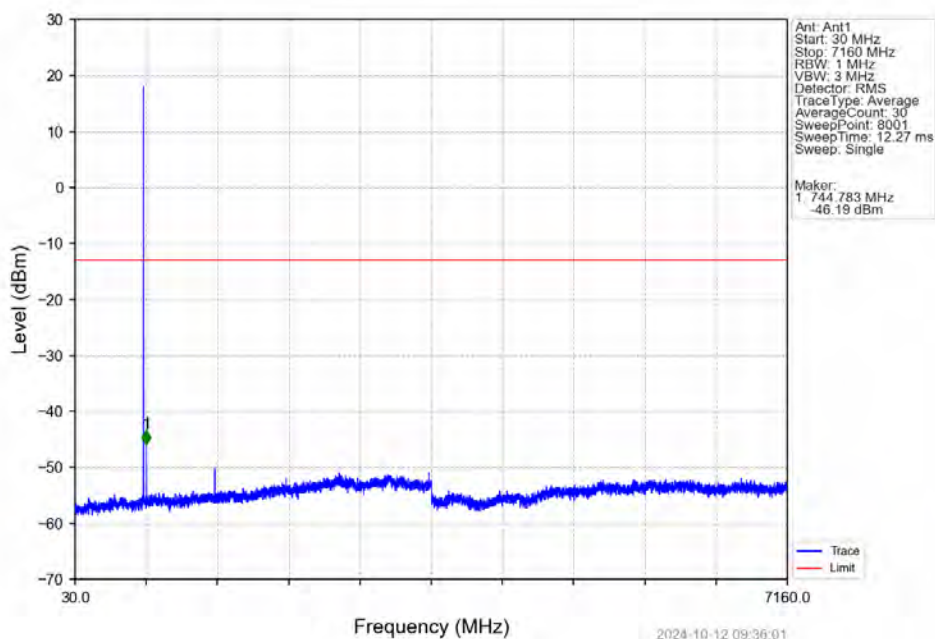
Band12 1.4MHz 16QAM HCH 715.3MHz RB 1 0 NTNV



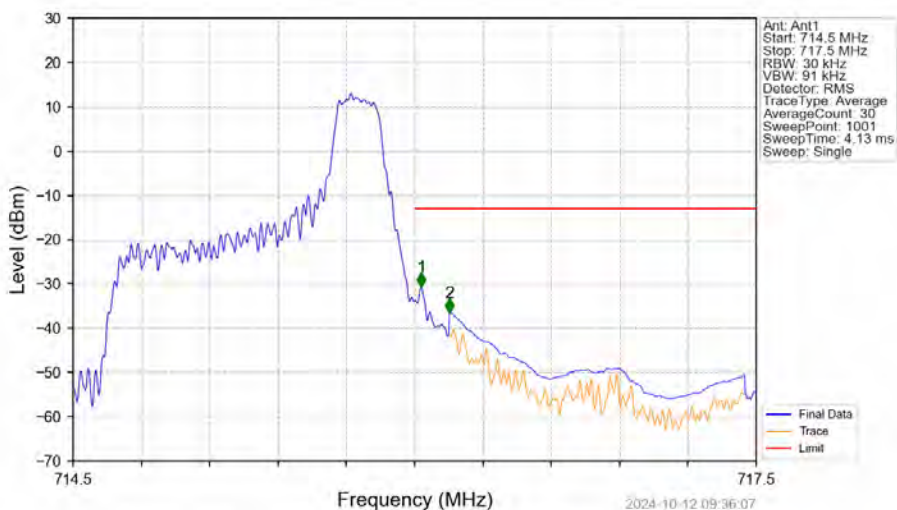
Band12 1.4MHz 16QAM HCH 715.3MHz RB 1 0 NTNV



Band12 1.4MHz 16QAM HCH 715.3MHz RB 1 0 NTNV

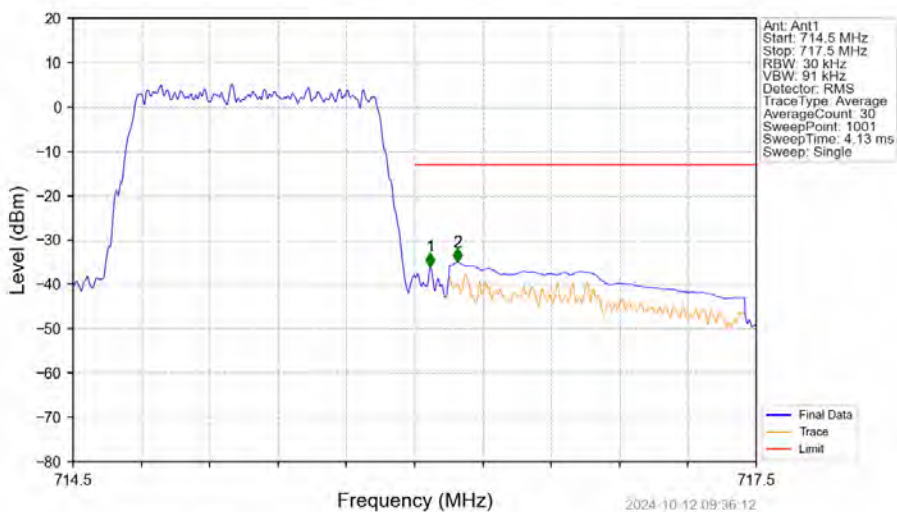


Band12 1.4MHz 16QAM HCH 715.3MHz RB 1 5 NTNV



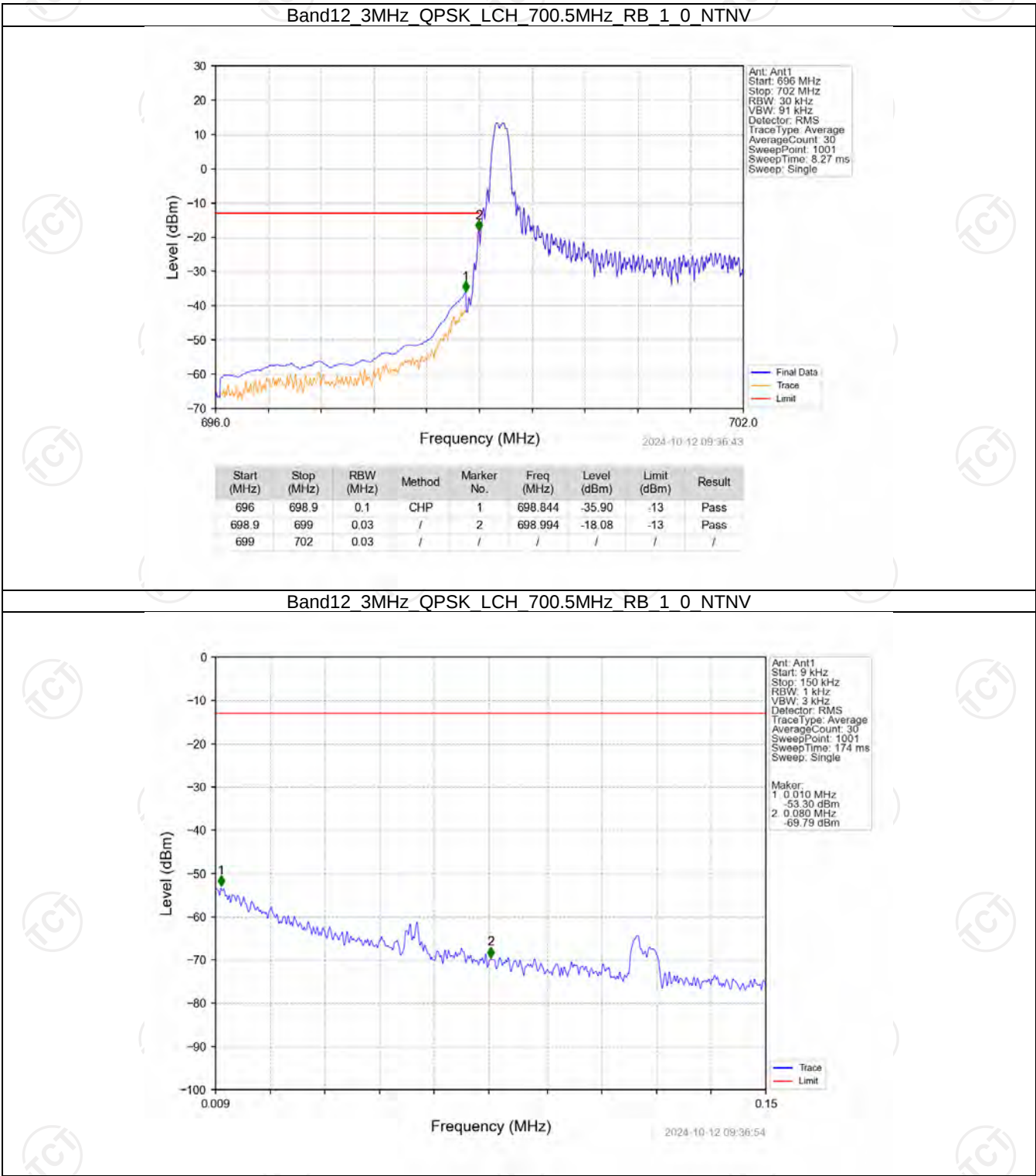
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
714.5	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.030	-30.57	-13	Pass
716.1	717.5	0.1	CHP	2	716.153	-36.37	-13	Pass

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

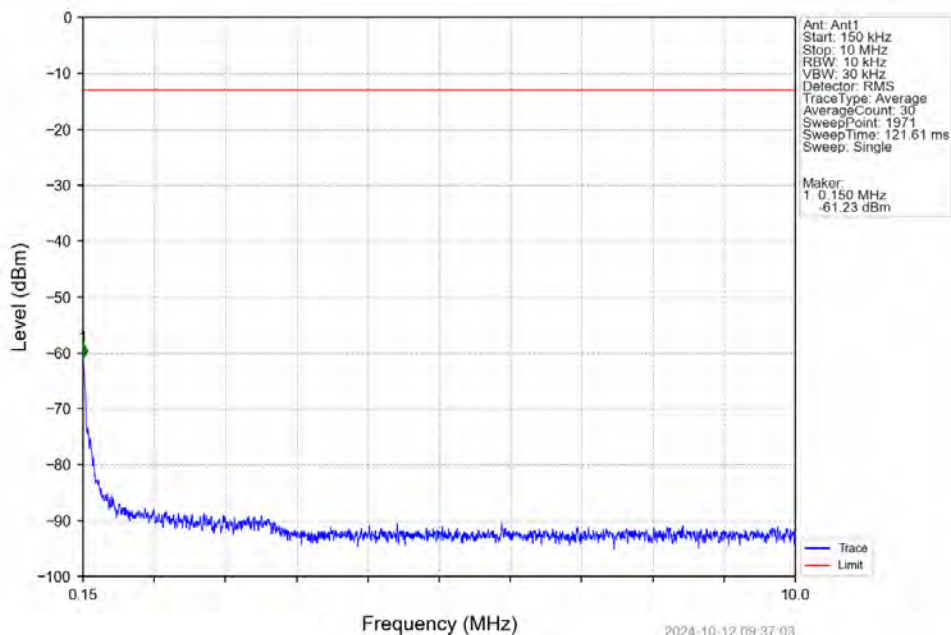


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
714.5	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.069	-35.95	-13	Pass
716.1	717.5	0.1	CHP	2	716.189	-34.99	-13	Pass

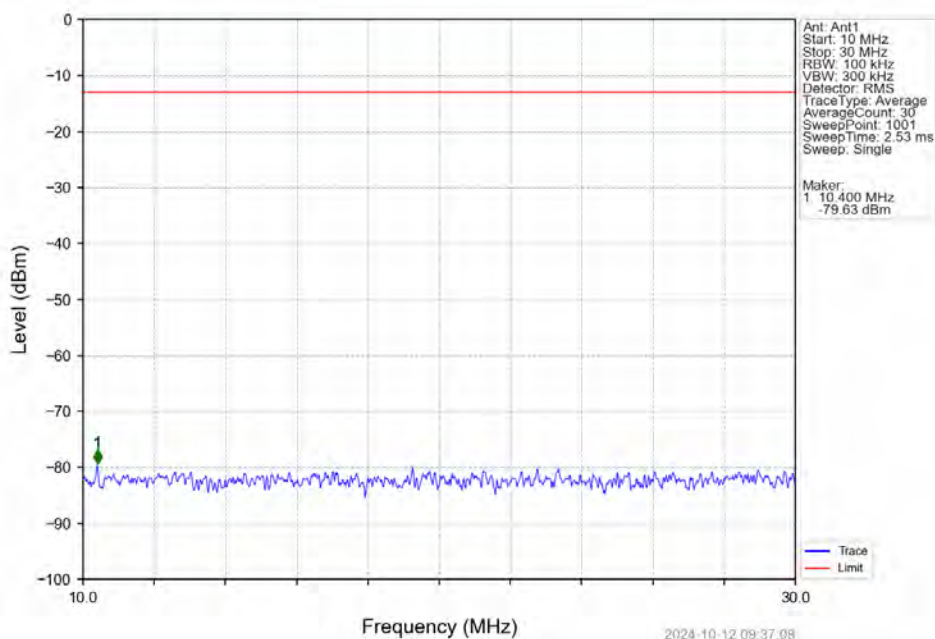
6.2.2 B12_3MHz



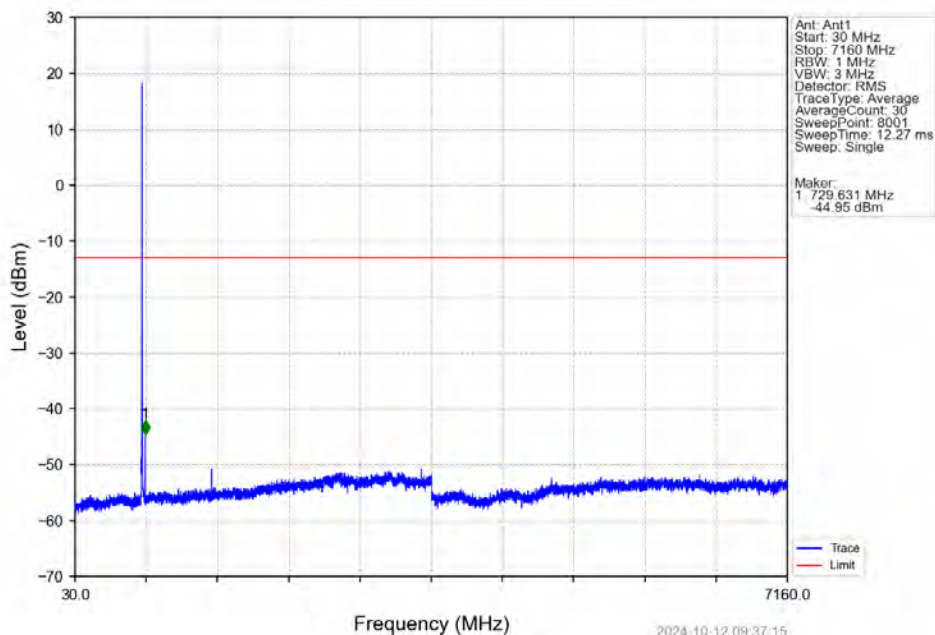
Band12 3MHz QPSK LCH 700.5MHz RB 1 0 NTNV



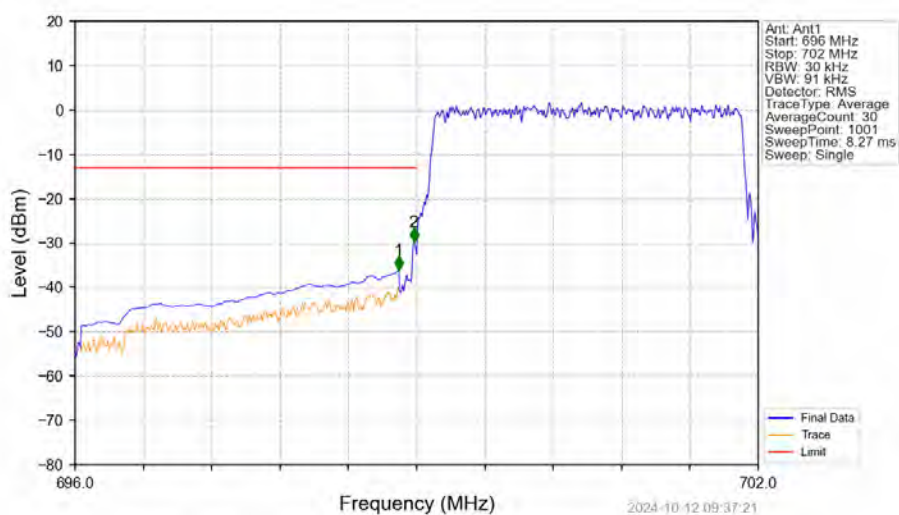
Band12 3MHz QPSK LCH 700.5MHz RB 1 0 NTNV



Band12 3MHz QPSK LCH 700.5MHz RB 1 0 NTN

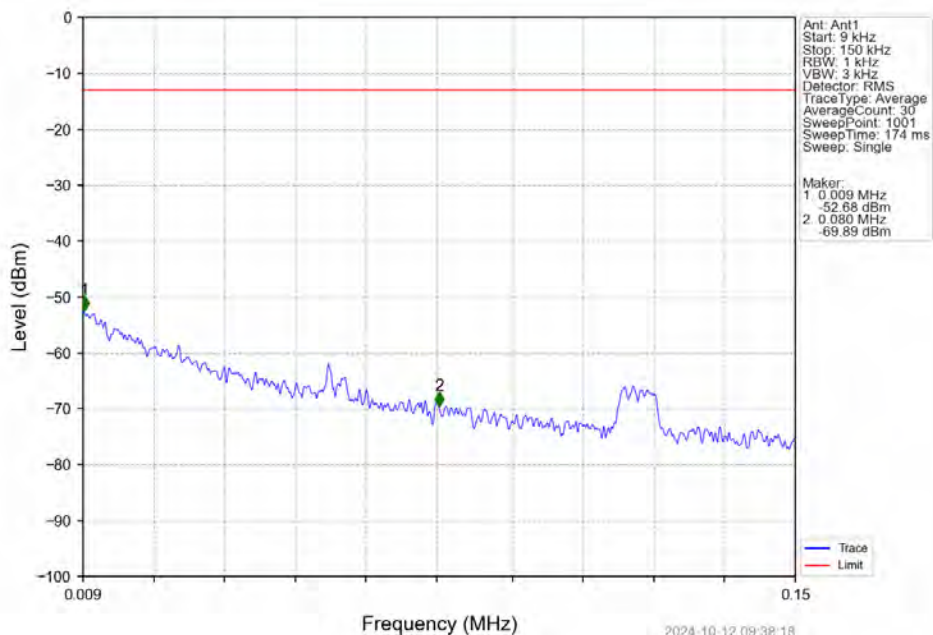


Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0 NTN

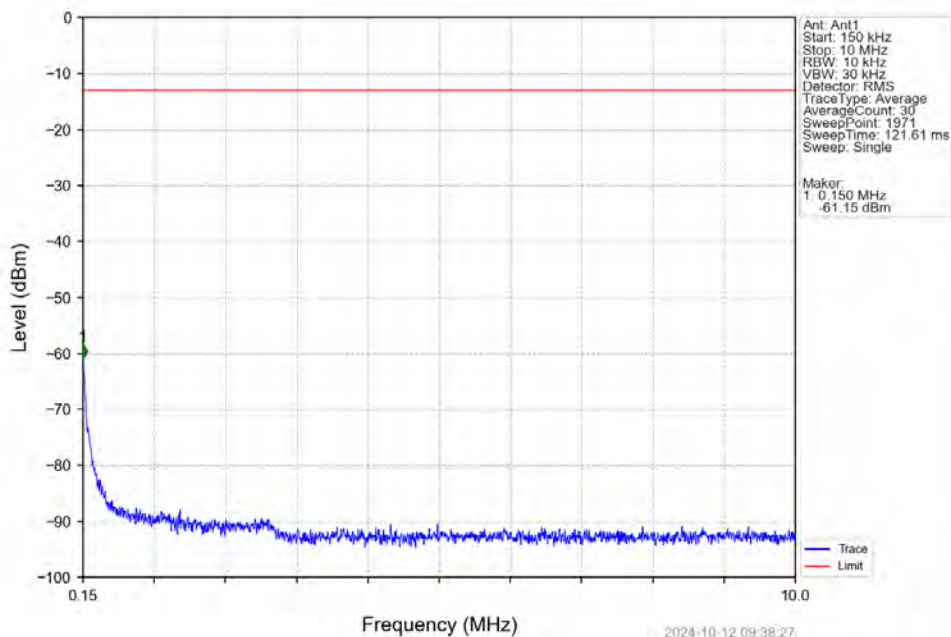


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-36.05	-13	Pass
698.9	699	0.03	/	2	698.976	-29.70	-13	Pass
699	702	0.03	/	/	/	/	/	/

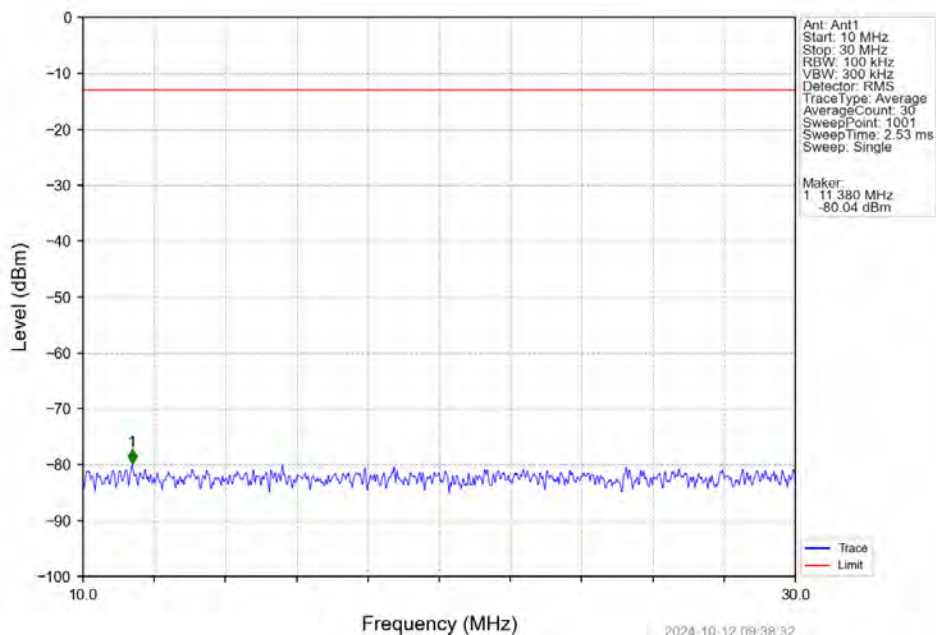
Band12 3MHz QPSK MCH 707.5MHz RB 1 0 NTNV



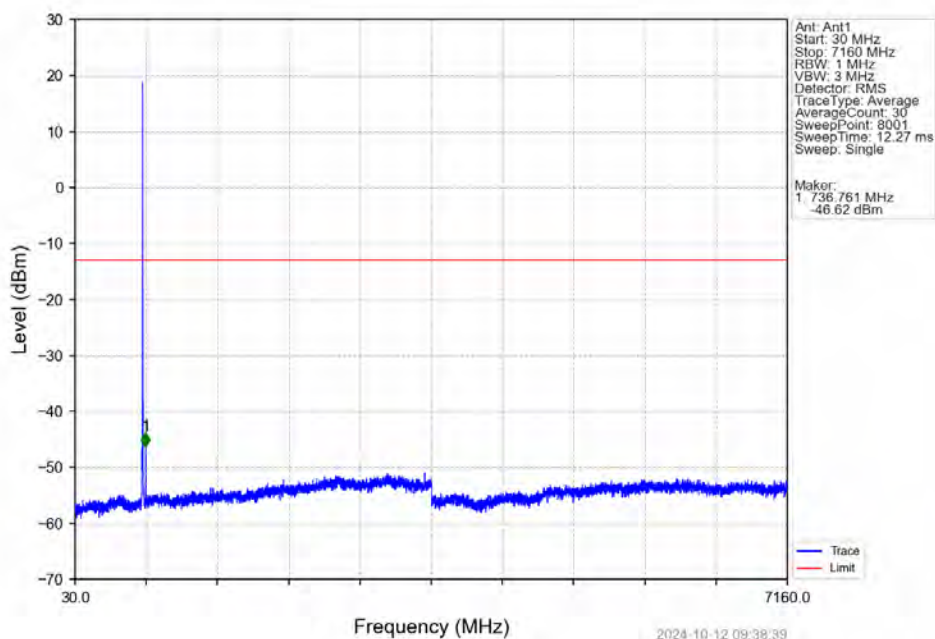
Band12 3MHz QPSK MCH 707.5MHz RB 1 0 NTNV



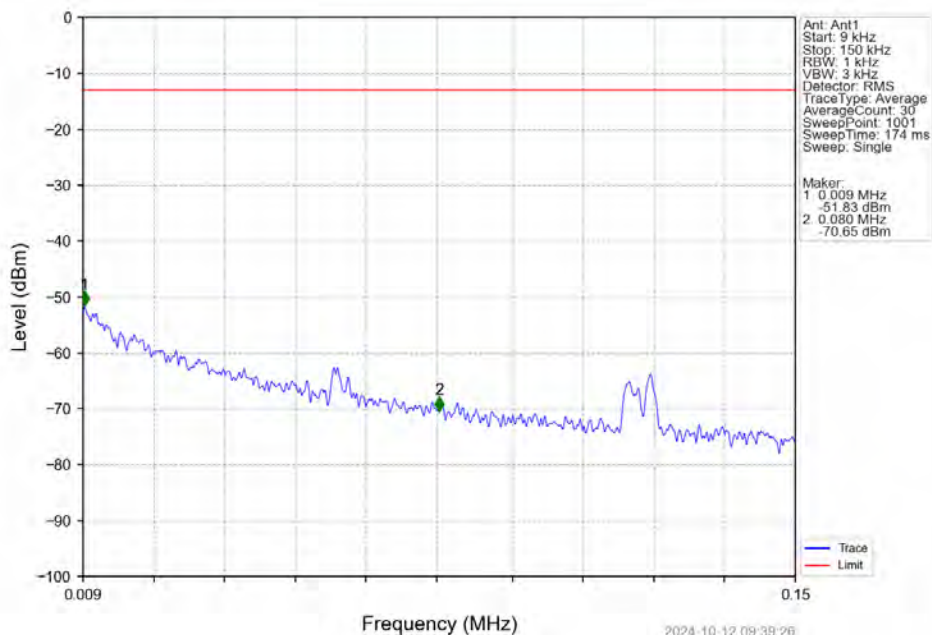
Band12 3MHz QPSK MCH 707.5MHz RB 1 0 NTNV



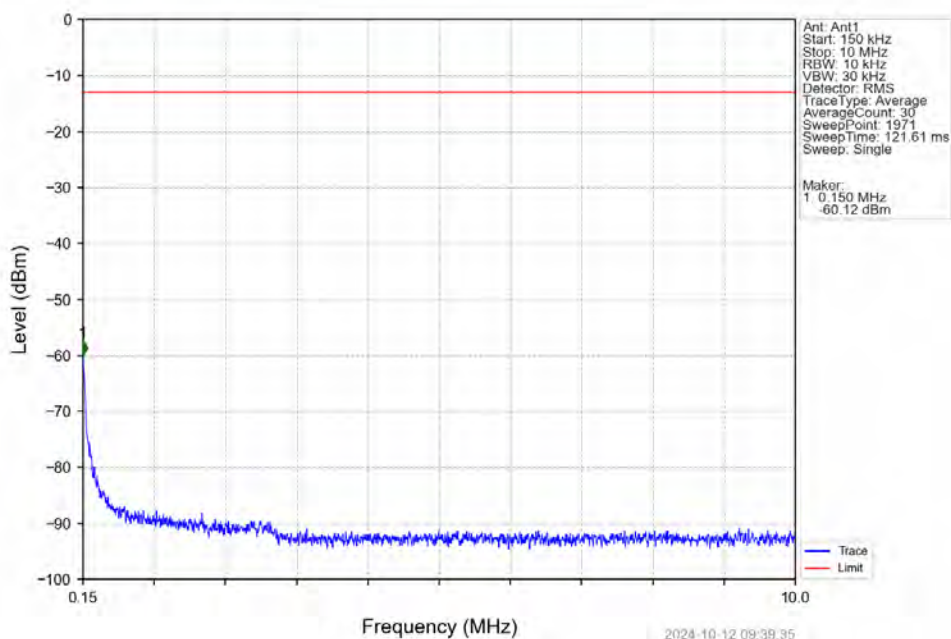
Band12 3MHz QPSK MCH 707.5MHz RB 1 0 NTNV



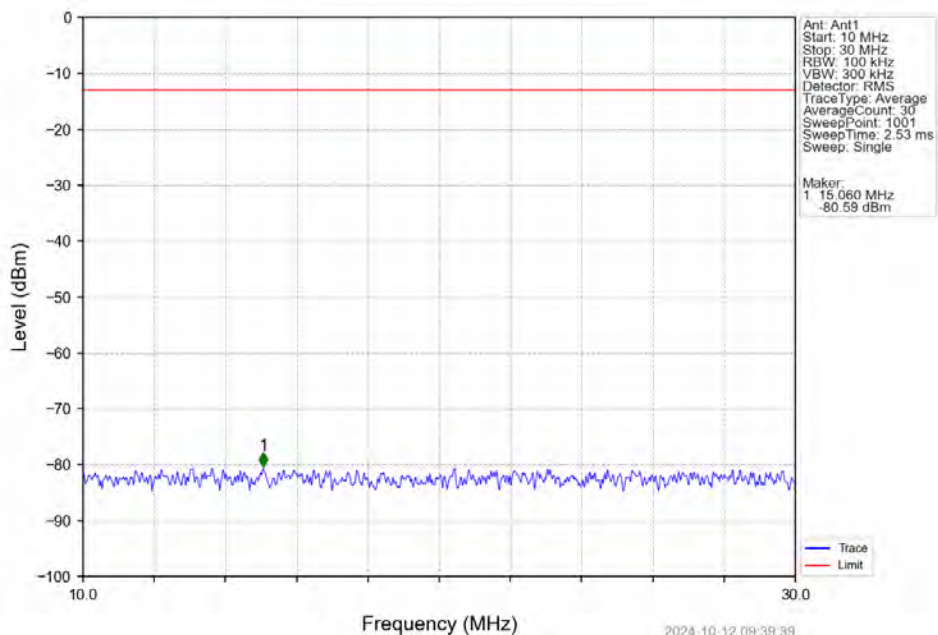
Band12 3MHz QPSK HCH 714.5MHz RB 1 0 NTN



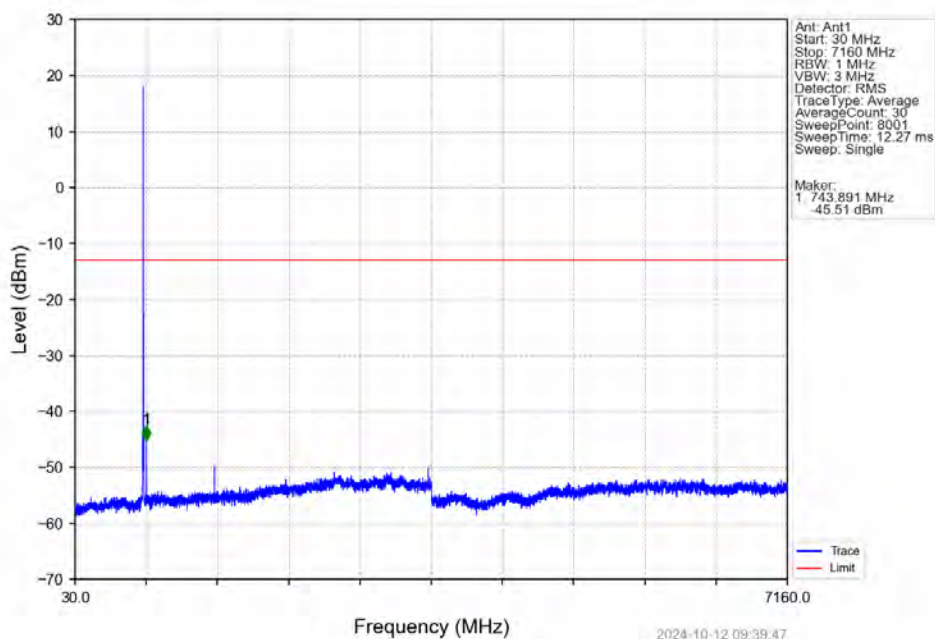
Band12 3MHz QPSK HCH 714.5MHz RB 1 0 NTN



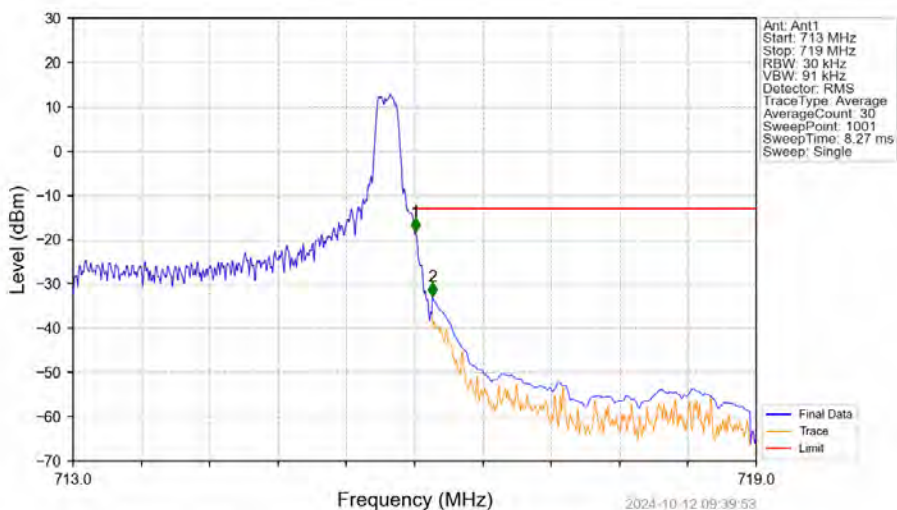
Band12 3MHz QPSK HCH 714.5MHz RB 1 0 NTN



Band12 3MHz QPSK HCH 714.5MHz RB 1 0 NTN

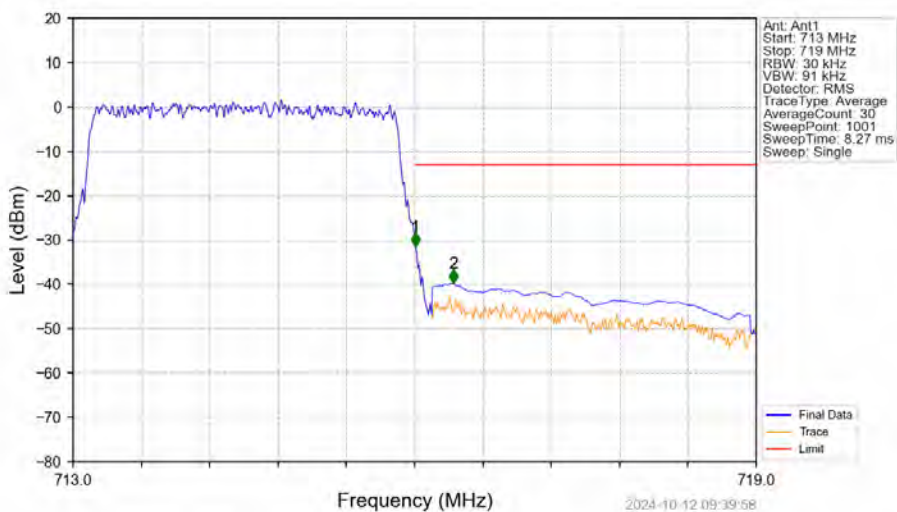


Band12 3MHz QPSK HCH 714.5MHz RB 1 14 NTV



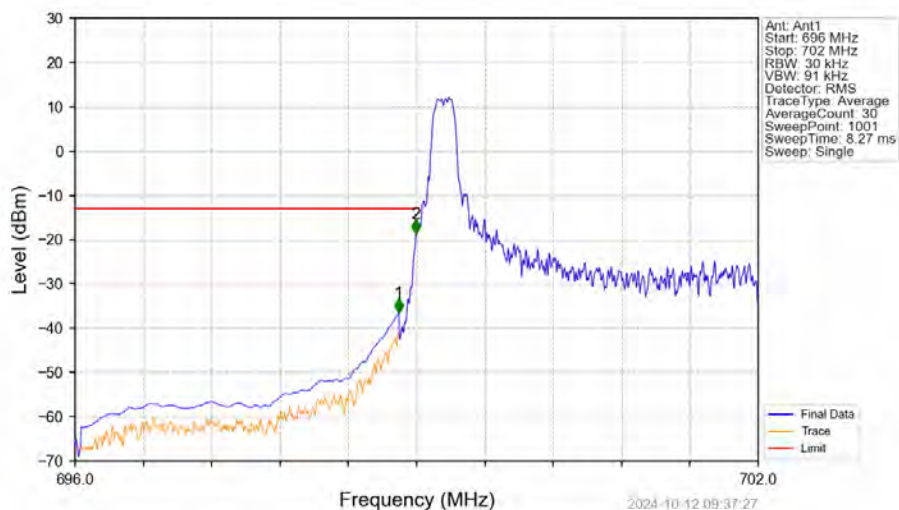
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.006	-18.19	-13	Pass
716.1	719	0.1	CHP	2	716.156	-32.75	-13	Pass

Band12 3MHz QPSK HCH 714.5MHz RB 15 0 NTV



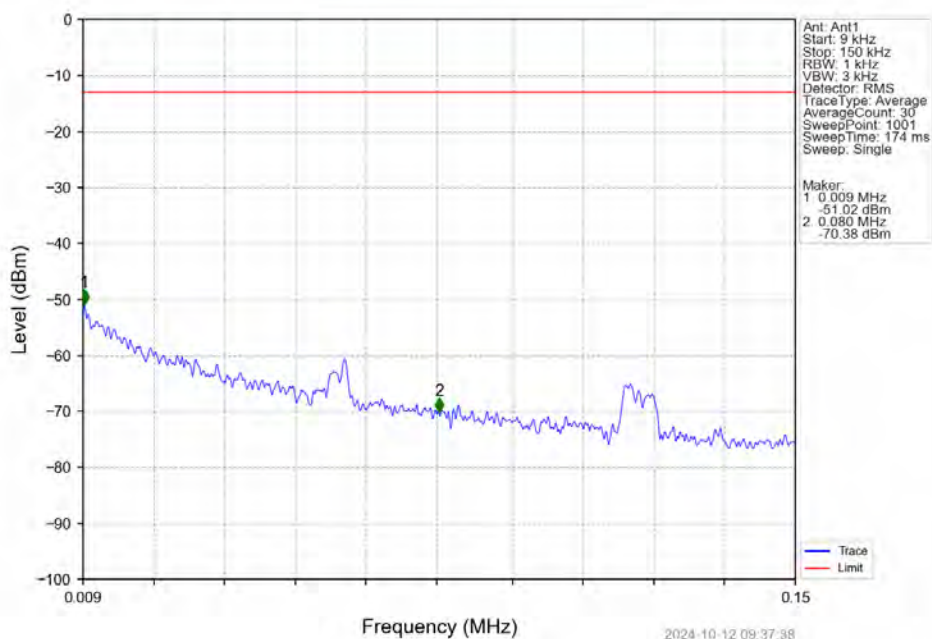
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.006	-31.49	-13	Pass
716.1	719	0.1	CHP	2	716.342	-39.75	-13	Pass

Band12_3MHz_16QAM_LCH_700.5MHz_RB_1_0_NTNV

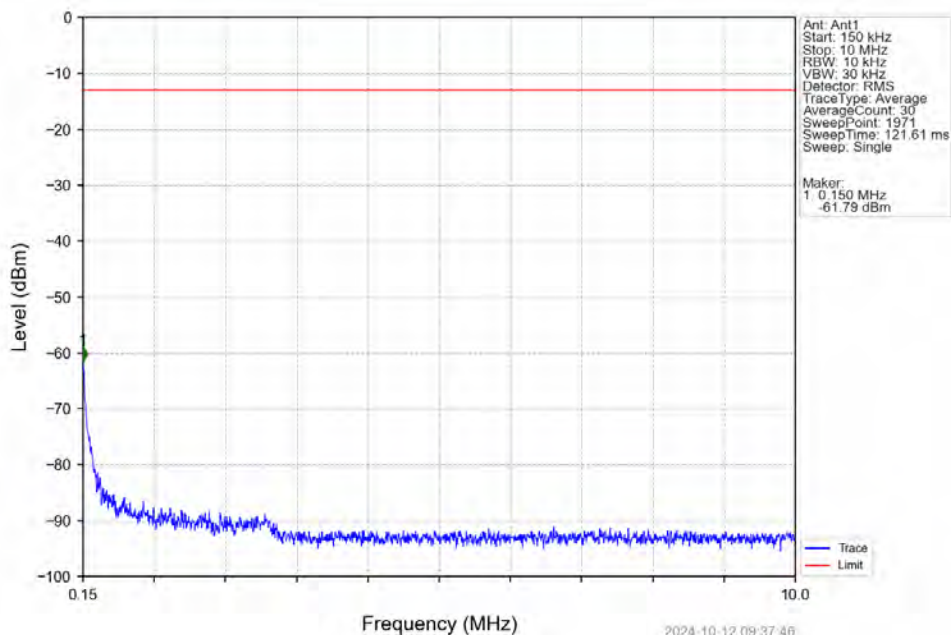


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-36.42	-13	Pass
698.9	699	0.03	/	2	698.994	-18.54	-13	Pass
699	702	0.03	/	/	/	/	/	/

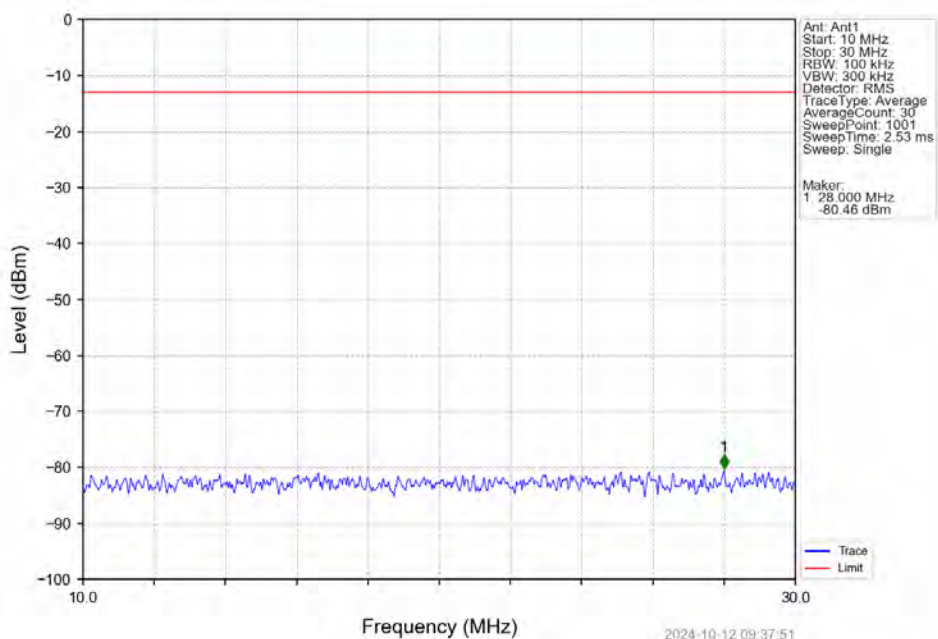
Band12_3MHz_16QAM_LCH_700.5MHz_RB_1_0_NTNV



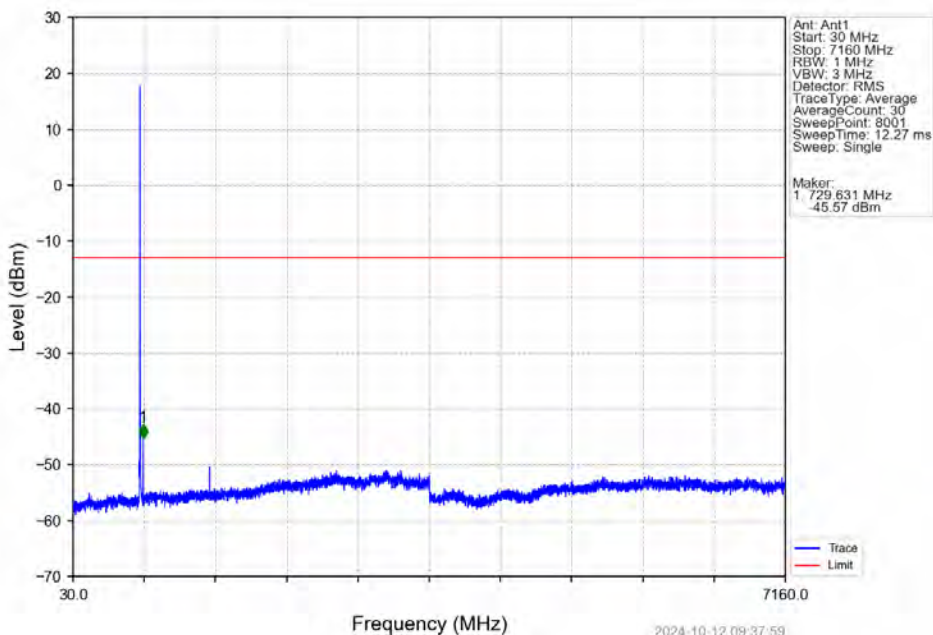
Band12 3MHz 16QAM LCH 700.5MHz RB 1 0 NTNV



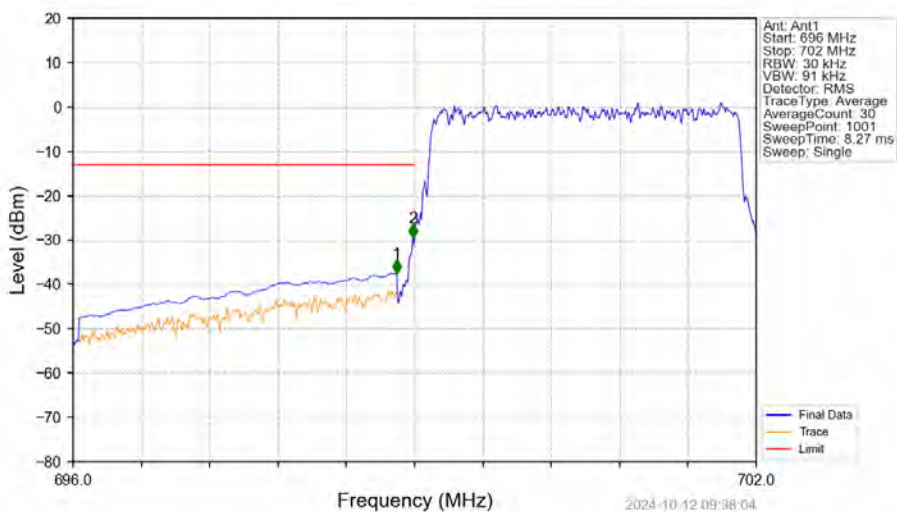
Band12 3MHz 16QAM LCH 700.5MHz RB 1 0 NTNV



Band12 3MHz 16QAM LCH 700.5MHz RB 1 0 NTNV

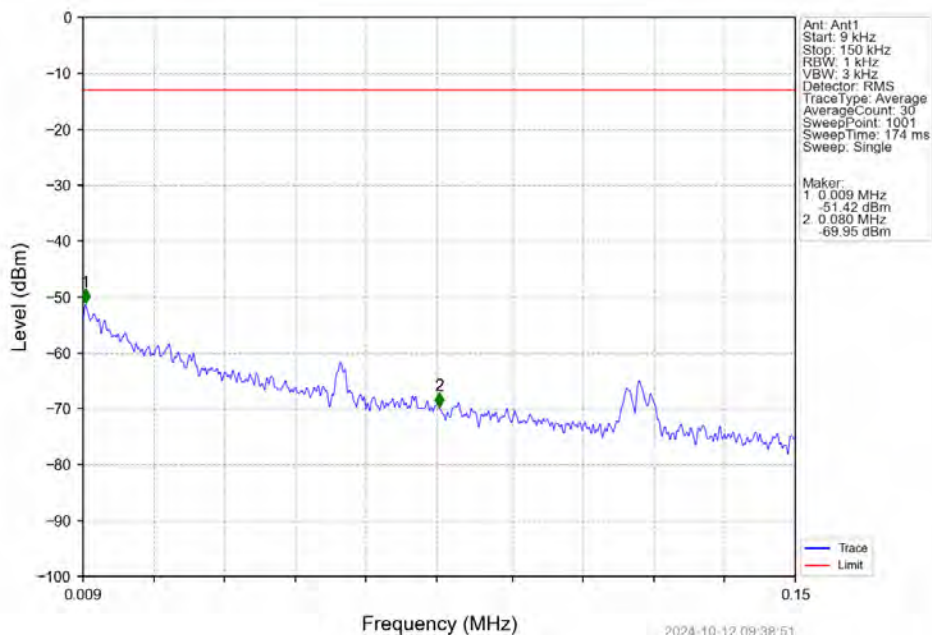


Band12 3MHz 16QAM LCH 700.5MHz RB 15 0 NTNV

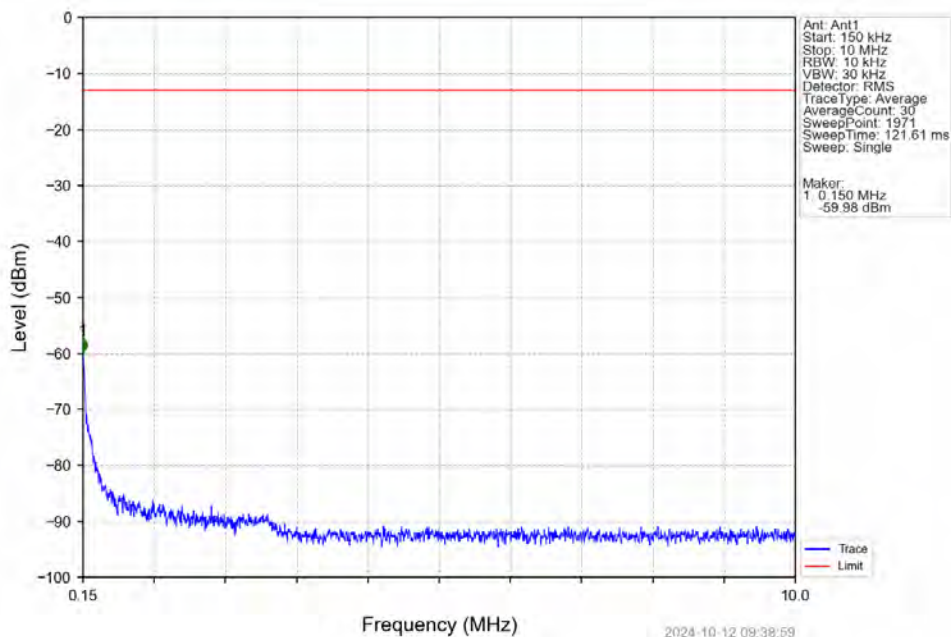


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-37.45	-13	Pass
698.9	699	0.03	/	2	698.988	-29.47	-13	Pass
699	702	0.03	/	/	/	/	/	/

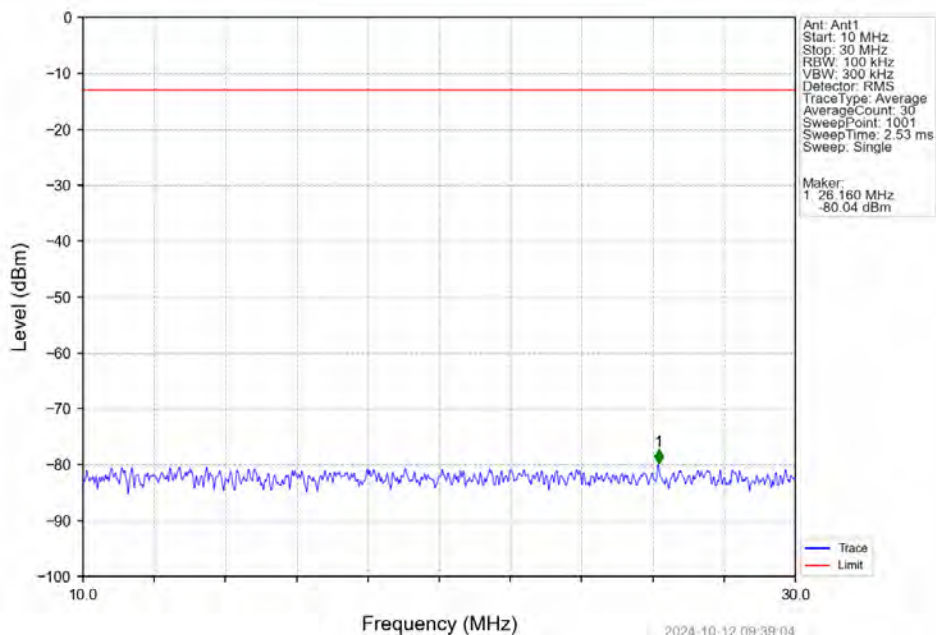
Band12 3MHz 16QAM MCH 707.5MHz RB 1 0 NTV



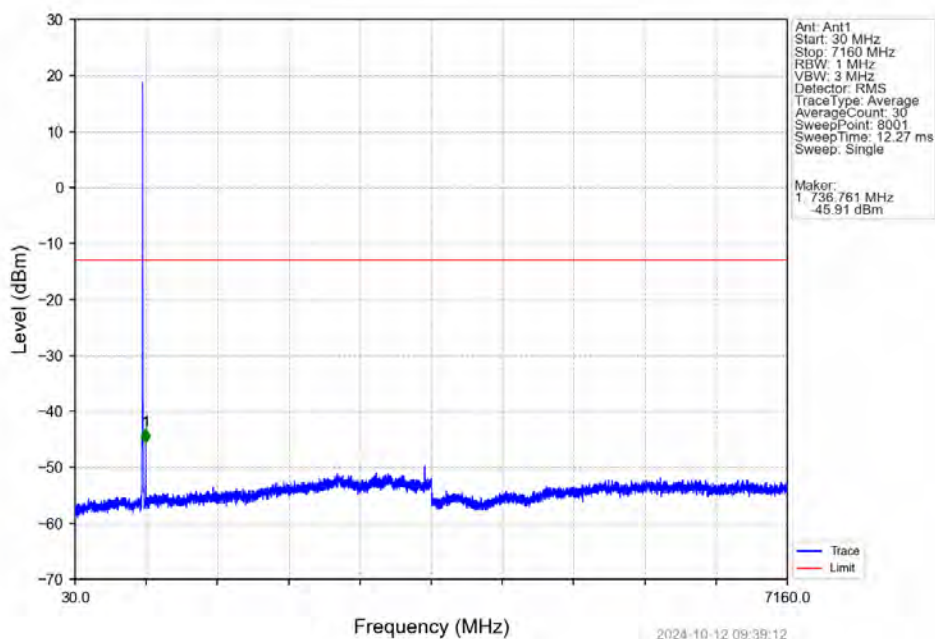
Band12 3MHz 16QAM MCH 707.5MHz RB 1 0 NTV



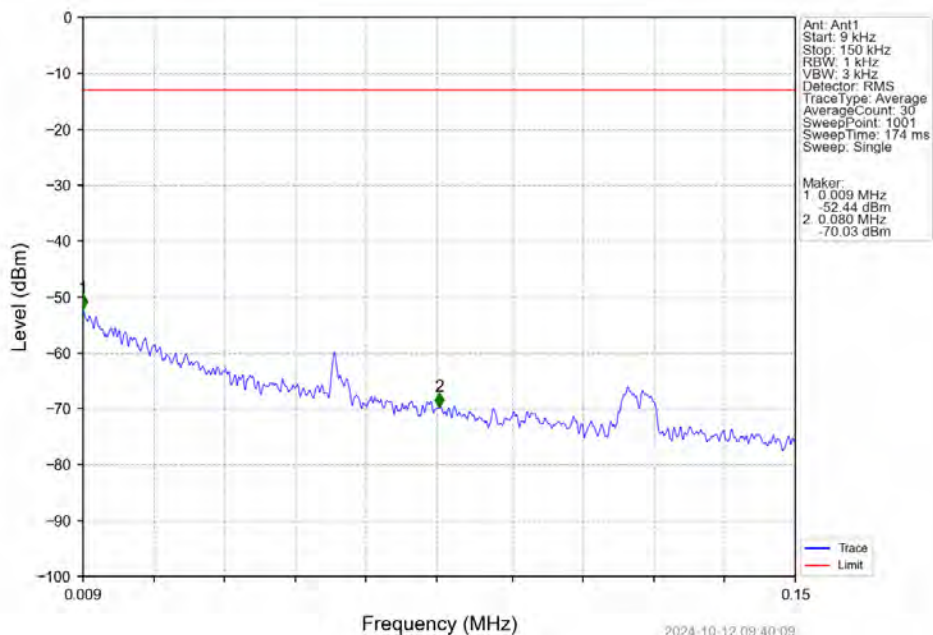
Band12 3MHz 16QAM MCH 707.5MHz RB 1 0 NTV



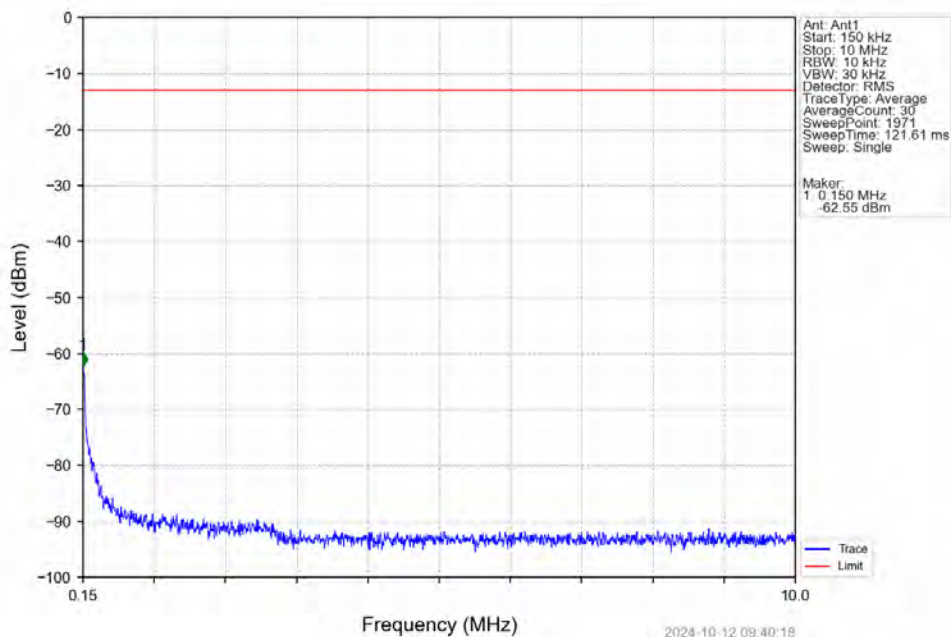
Band12 3MHz 16QAM MCH 707.5MHz RB 1 0 NTV



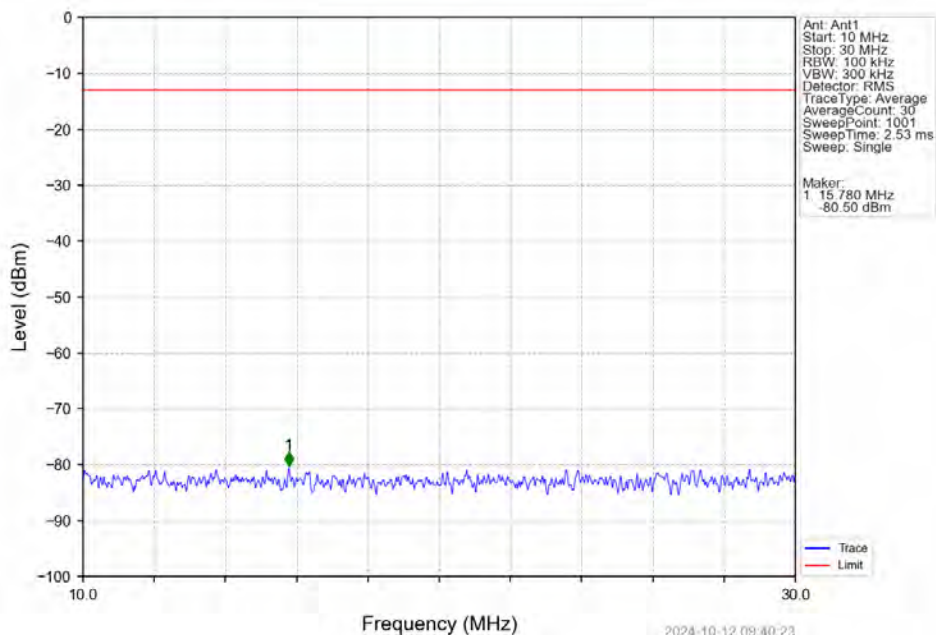
Band12 3MHz 16QAM HCH 714.5MHz RB 1 0 NTV



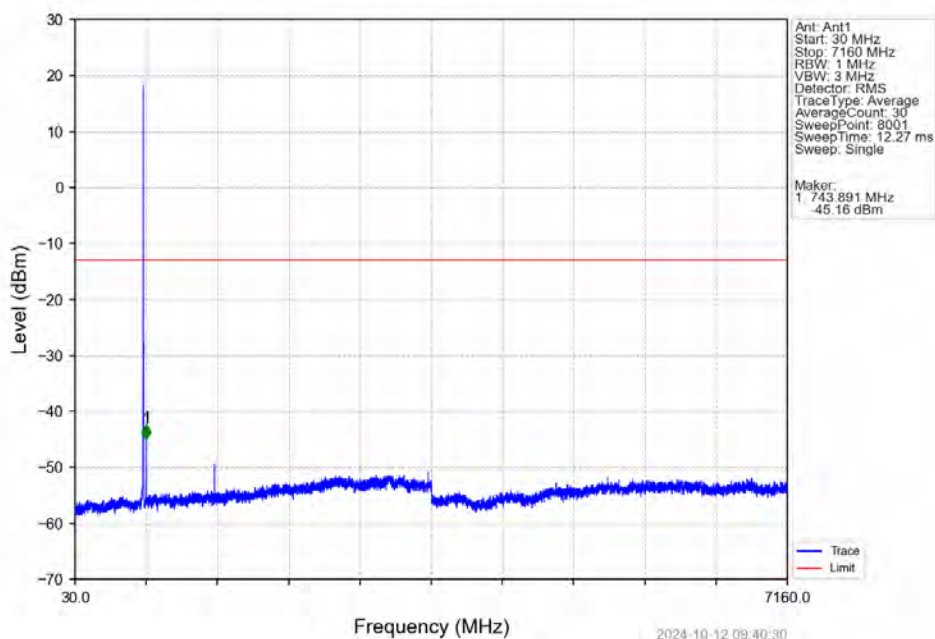
Band12_3MHz_16QAM_HCH_714.5MHz_RB_1_0_NTV



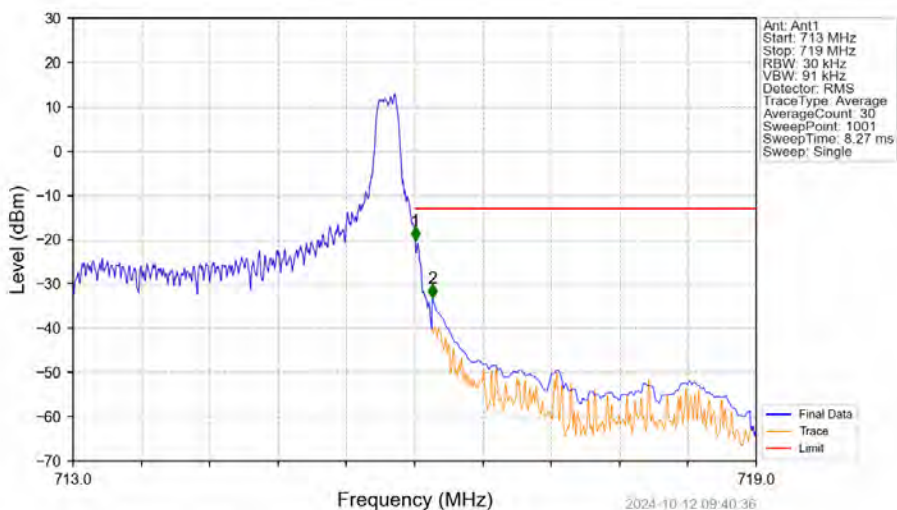
Band12 3MHz 16QAM HCH 714.5MHz RB 1 0 NTV



Band12_3MHz_16QAM_HCH_714.5MHz_RB_1_0_NTV

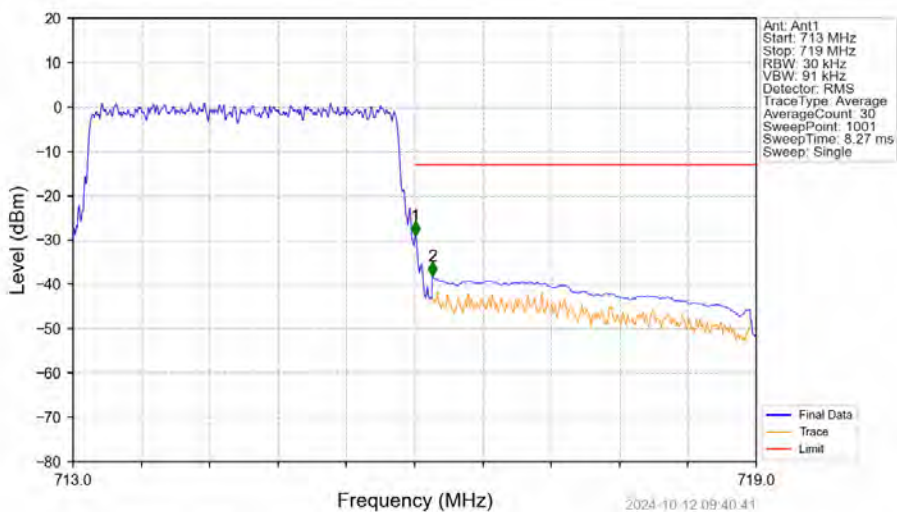


Band12 3MHz 16QAM HCH 714.5MHz RB 1 14 NTV



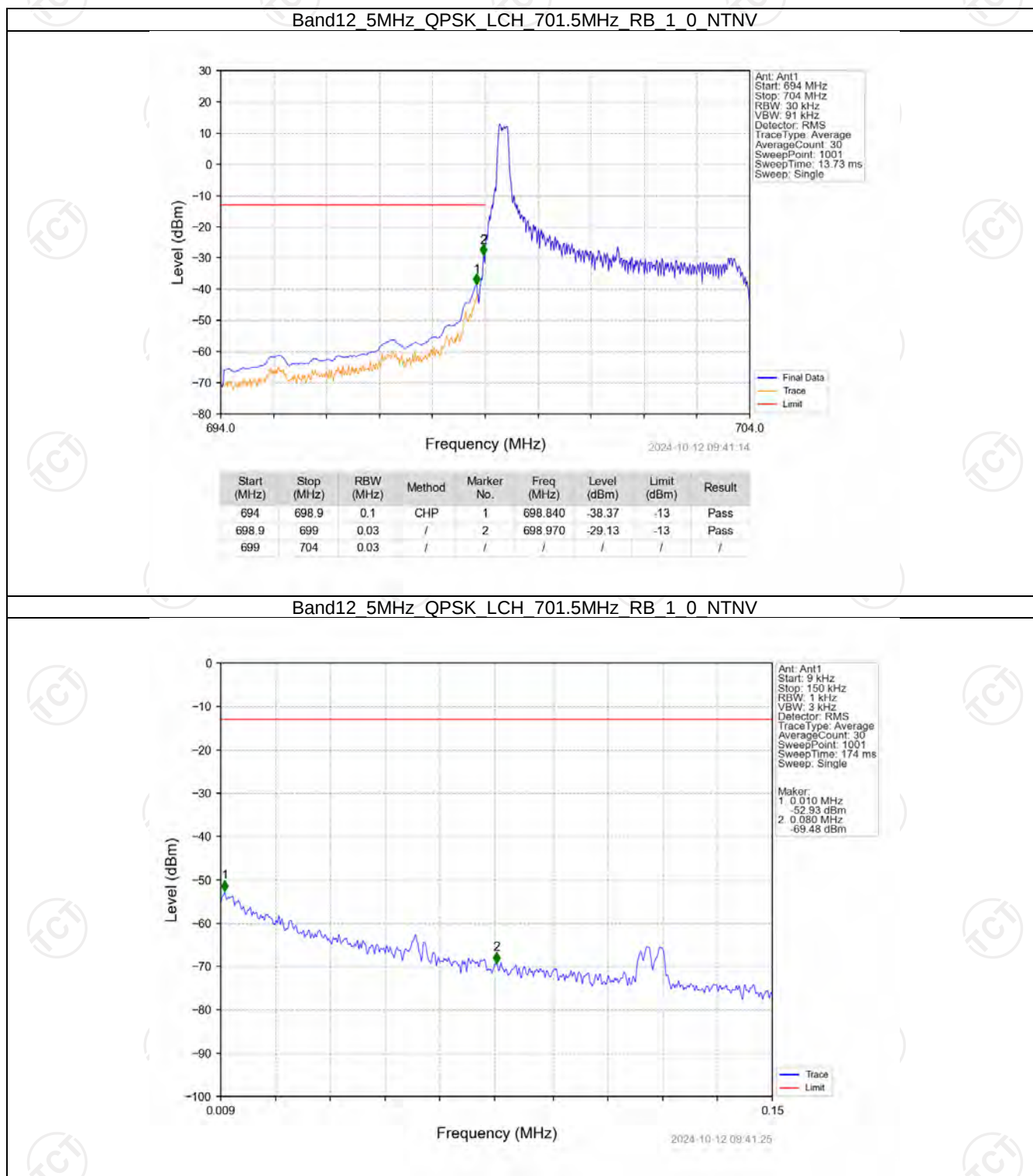
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.006	-20.29	-13	Pass
716.1	719	0.1	CHP	2	716.156	-33.17	-13	Pass

Band12 3MHz 16QAM HCH 714.5MHz RB 15 0 NTV

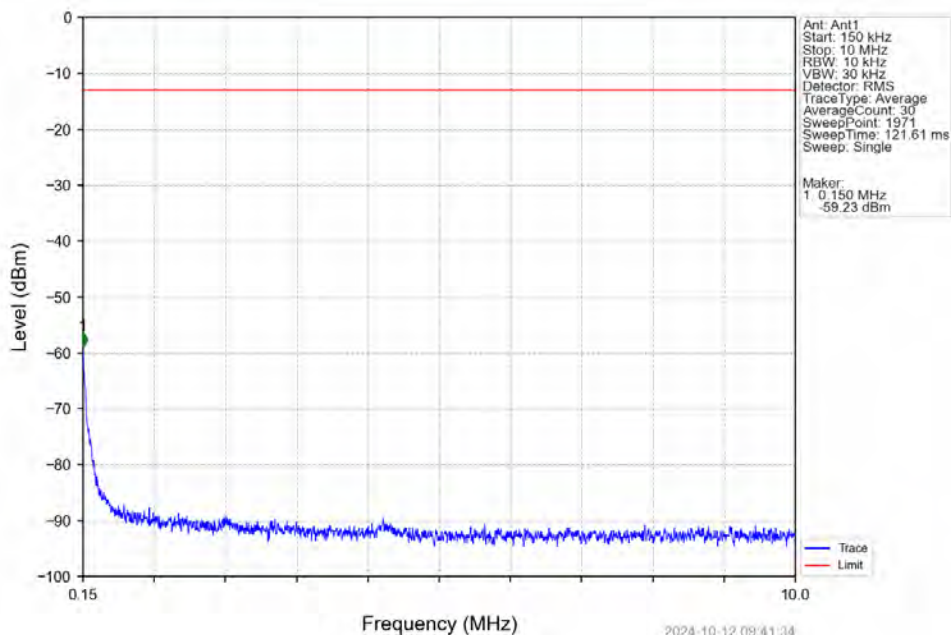


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.006	-28.96	-13	Pass
716.1	719	0.1	CHP	2	716.156	-38.08	-13	Pass

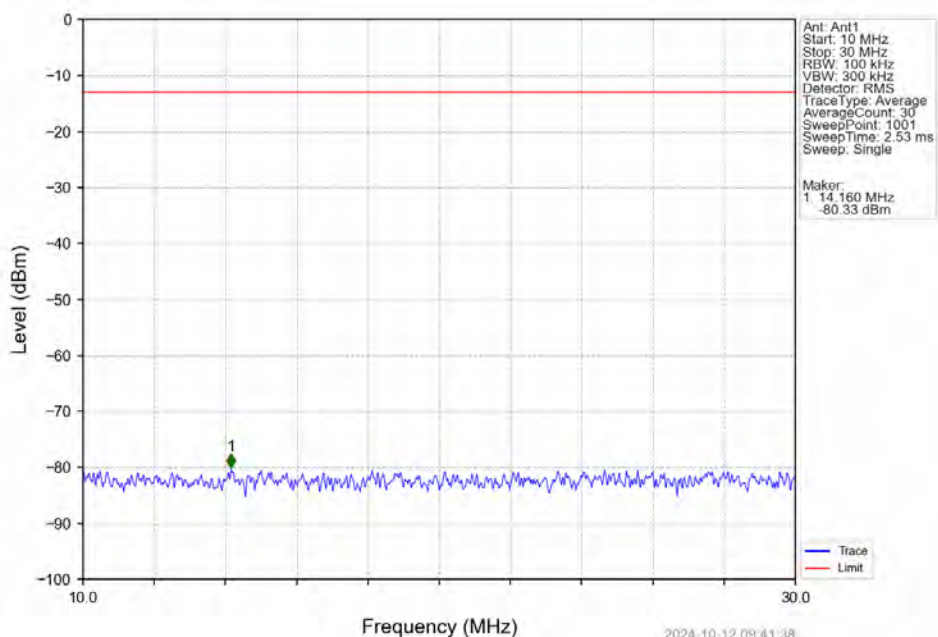
6.2.3 B12_5MHz



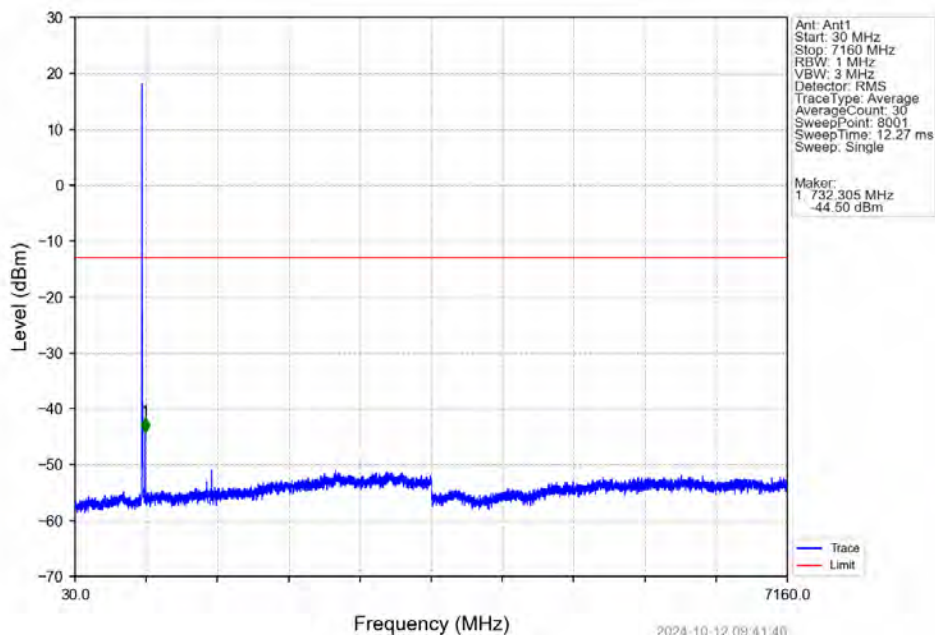
Band12 5MHz QPSK LCH 701.5MHz RB 1 0 NTN



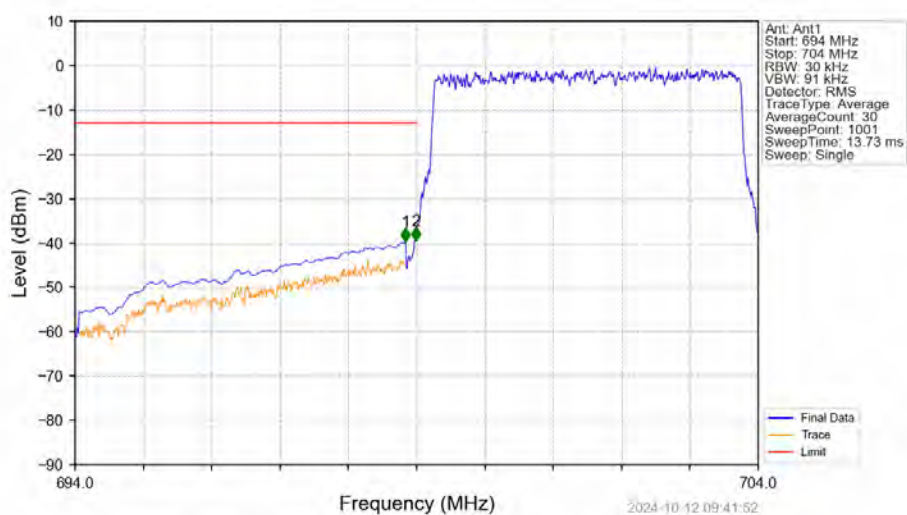
Band12 5MHz QPSK LCH 701.5MHz RB 1 0 NTN



Band12 5MHz QPSK LCH 701.5MHz RB 1 0 NTN

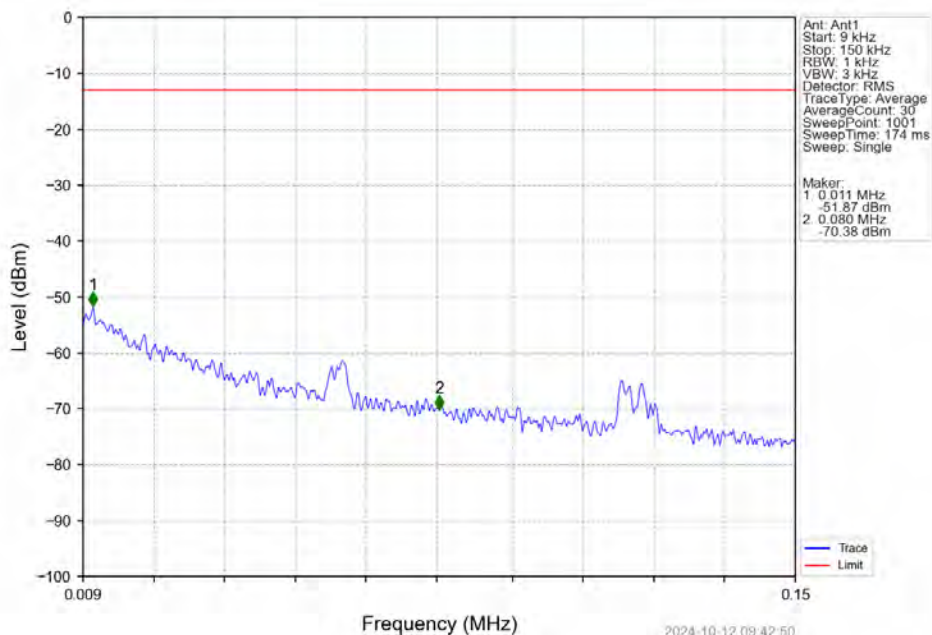


Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0 NTN

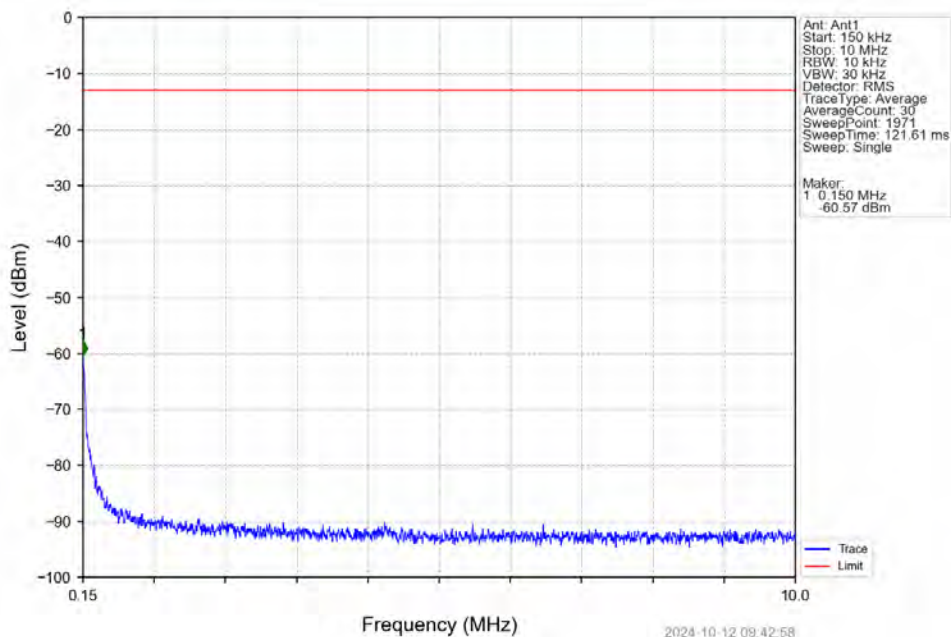


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-39.73	-13	Pass
698.9	699	0.03	/	2	698.990	-39.44	-13	Pass
699	704	0.03	/	/	/	/	/	/

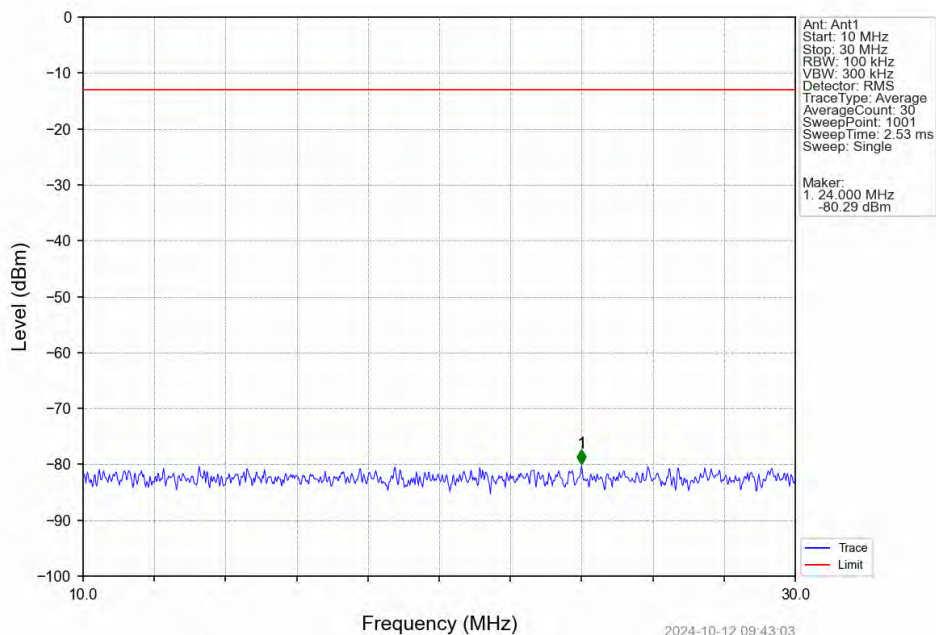
Band12 5MHz QPSK MCH 707.5MHz RB 1 0 NTNV



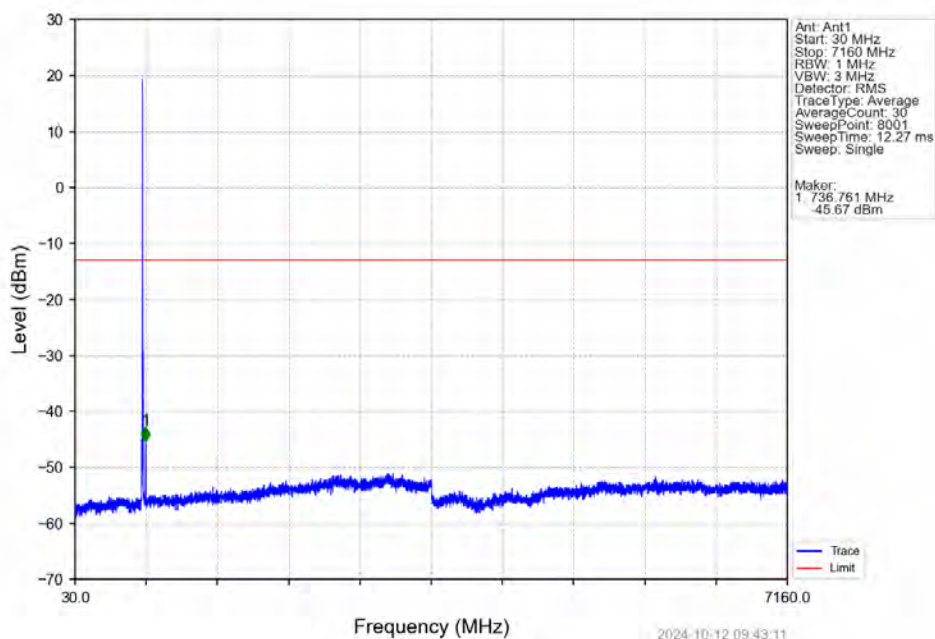
Band12 5MHz QPSK MCH 707.5MHz RB 1 0 NTNV



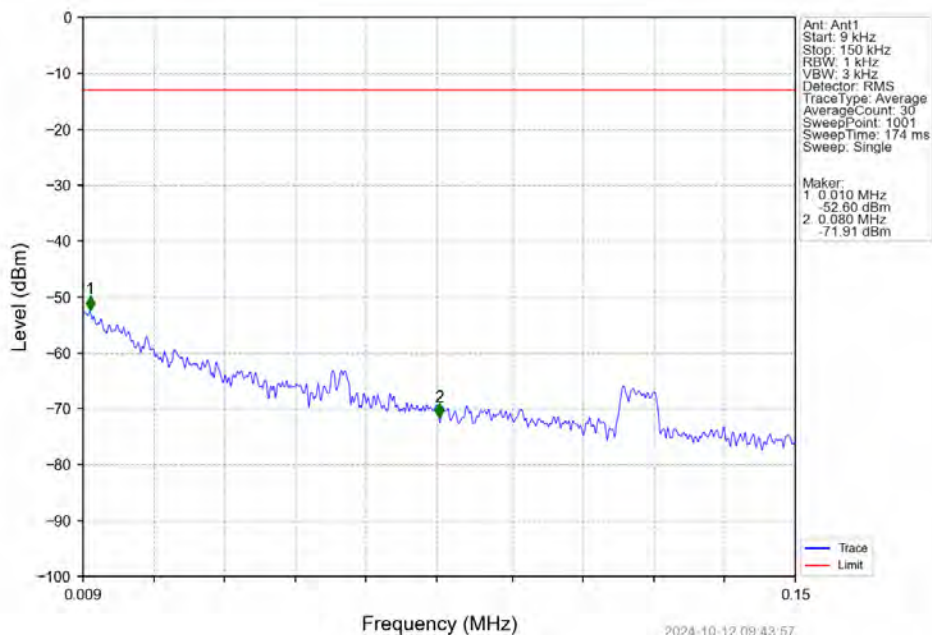
Band12 5MHz QPSK MCH 707.5MHz RB 1 0 NTNV



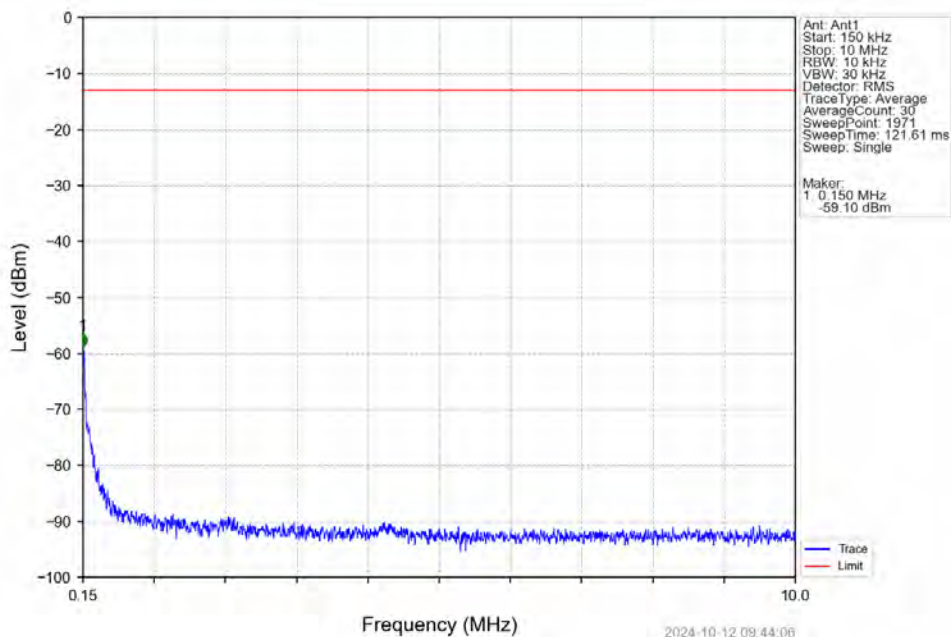
Band12 5MHz QPSK MCH 707.5MHz RB 1 0 NTNV



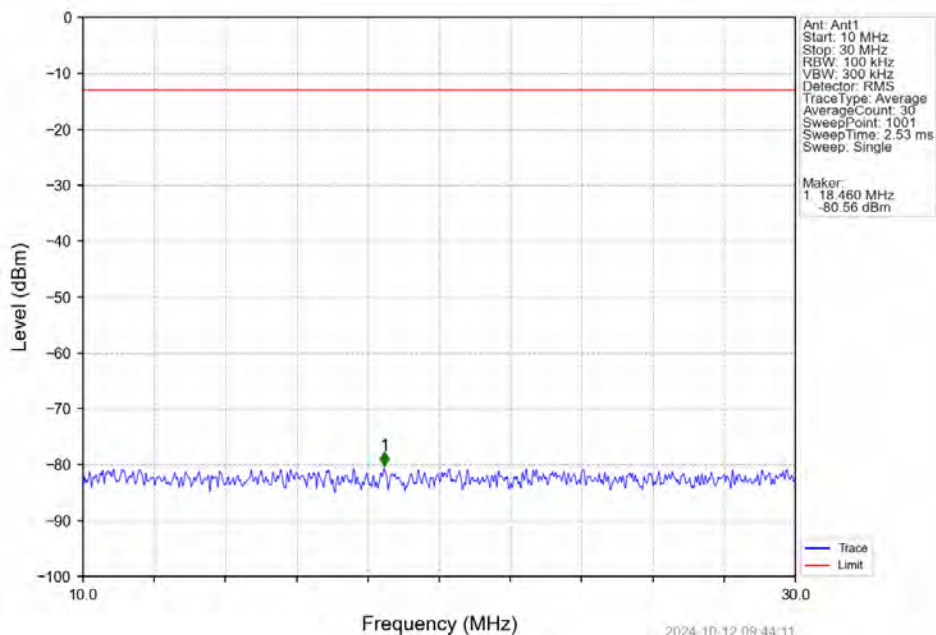
Band12 5MHz QPSK HCH 713.5MHz RB 1 0 NTN



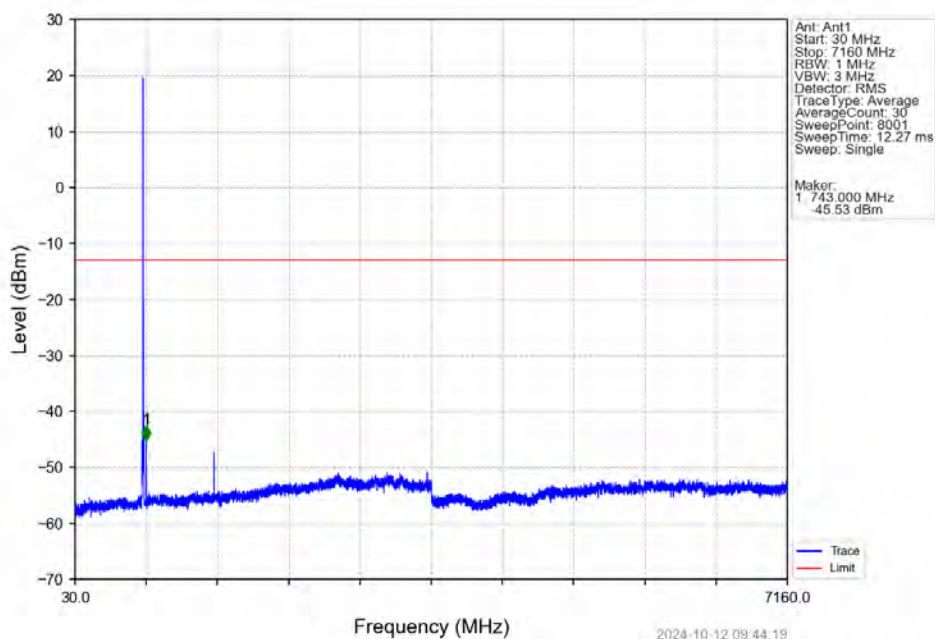
Band12 5MHz QPSK HCH 713.5MHz RB 1 0 NTN



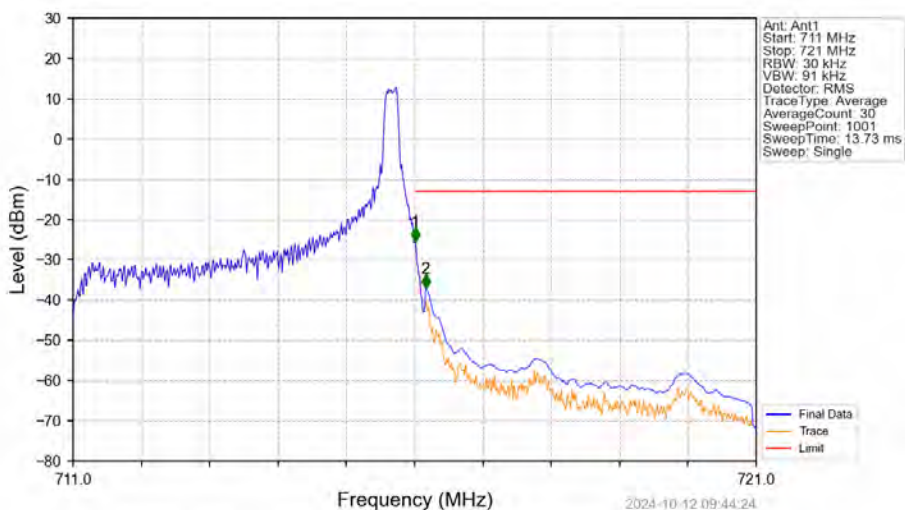
Band12 5MHz QPSK HCH 713.5MHz RB 1 0 NTN



Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_0 NTN

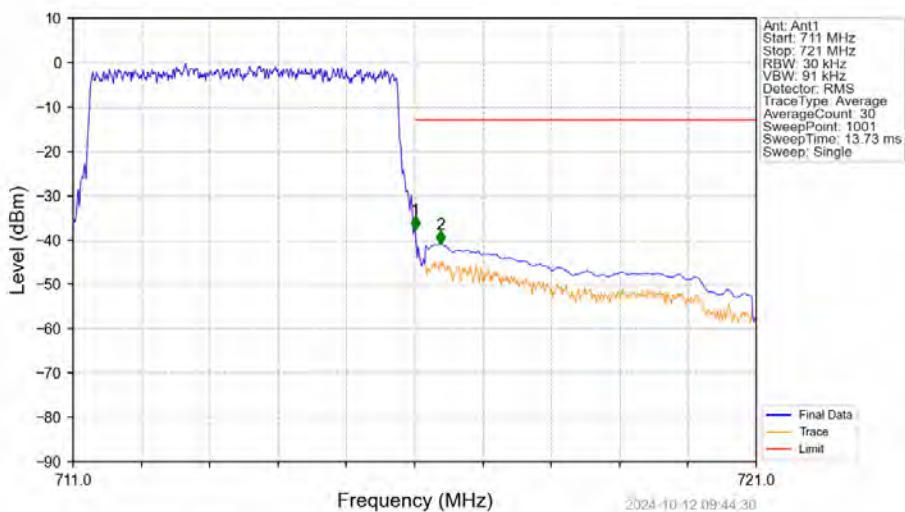


Band12 5MHz QPSK HCH 713.5MHz RB 1 24 NTV



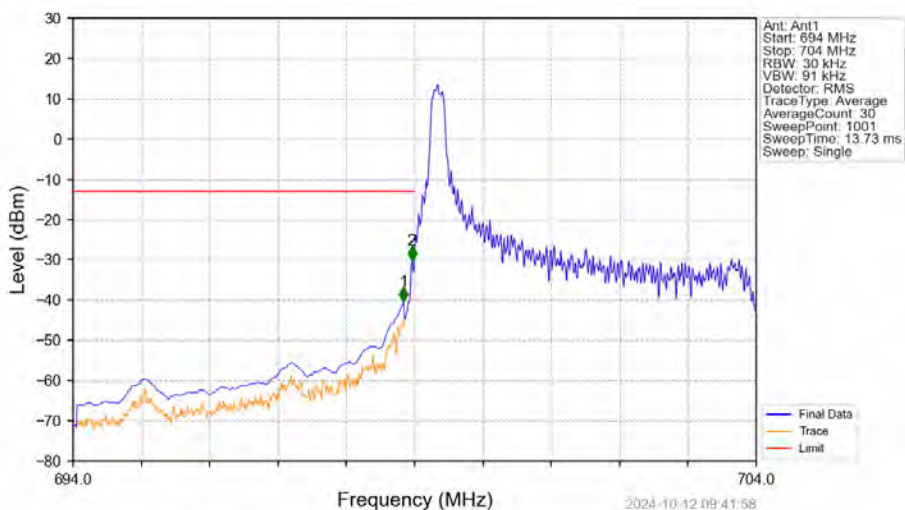
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-25.44	-13	Pass
716.1	721	0.1	CHP	2	716.160	-37.07	-13	Pass

Band12 5MHz QPSK HCH 713.5MHz RB 25 0 NTV

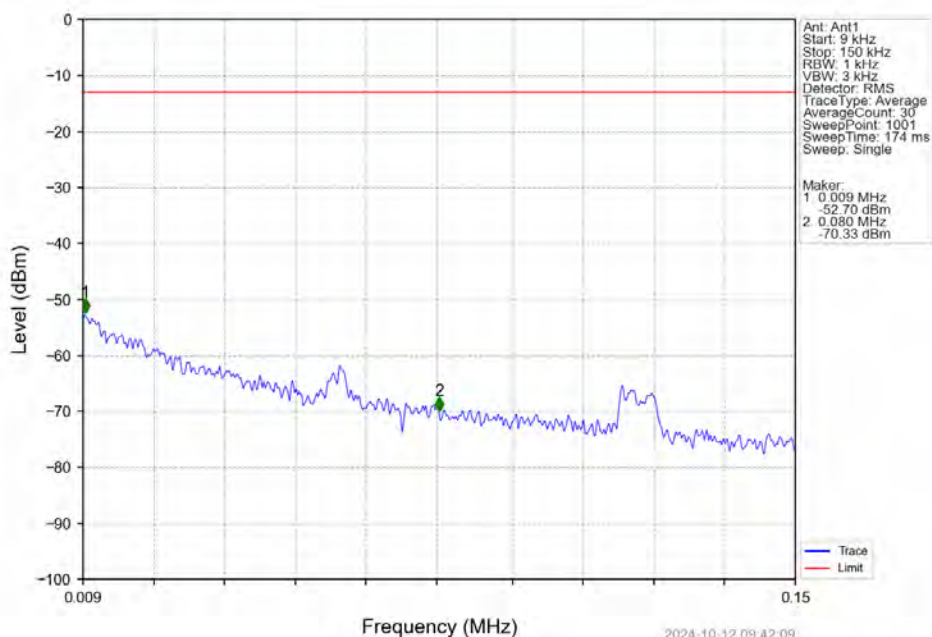


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-37.59	-13	Pass
716.1	721	0.1	CHP	2	716.380	-40.95	-13	Pass

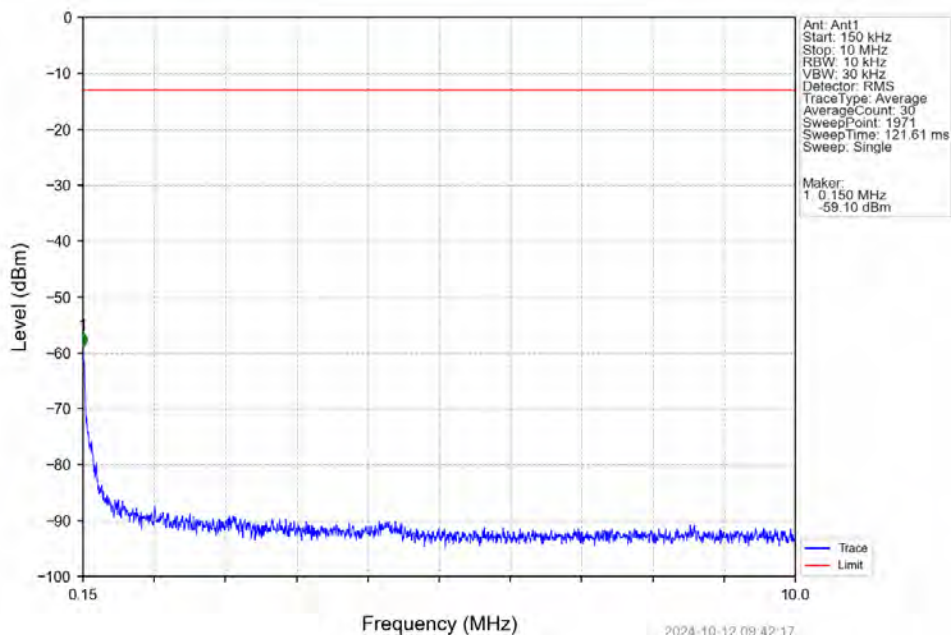
Band12 5MHz 16QAM LCH 701.5MHz RB 1 0 NTV



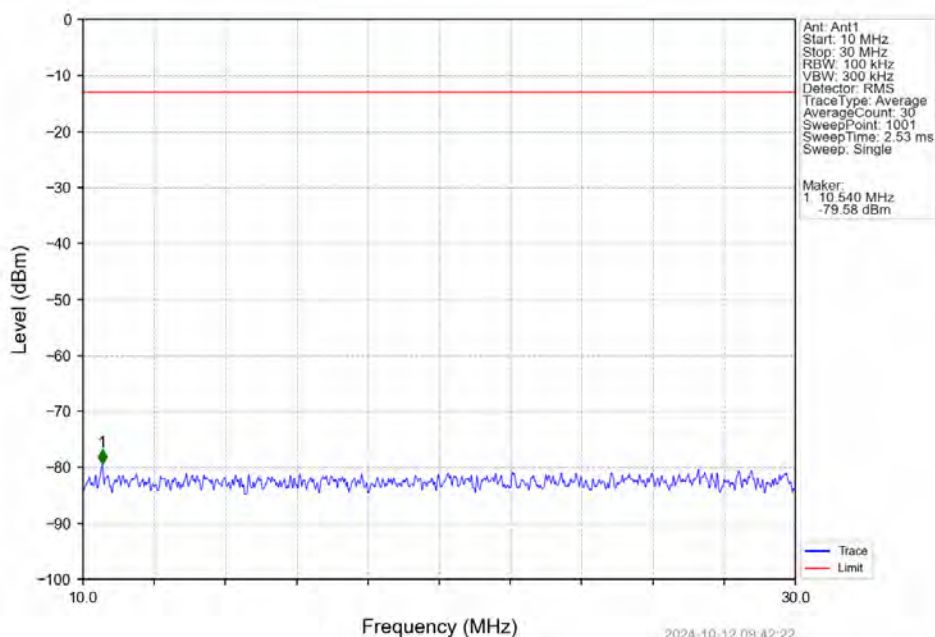
Band12_5MHz_16QAM_LCH_701.5MHz_RB_1_0_NTV



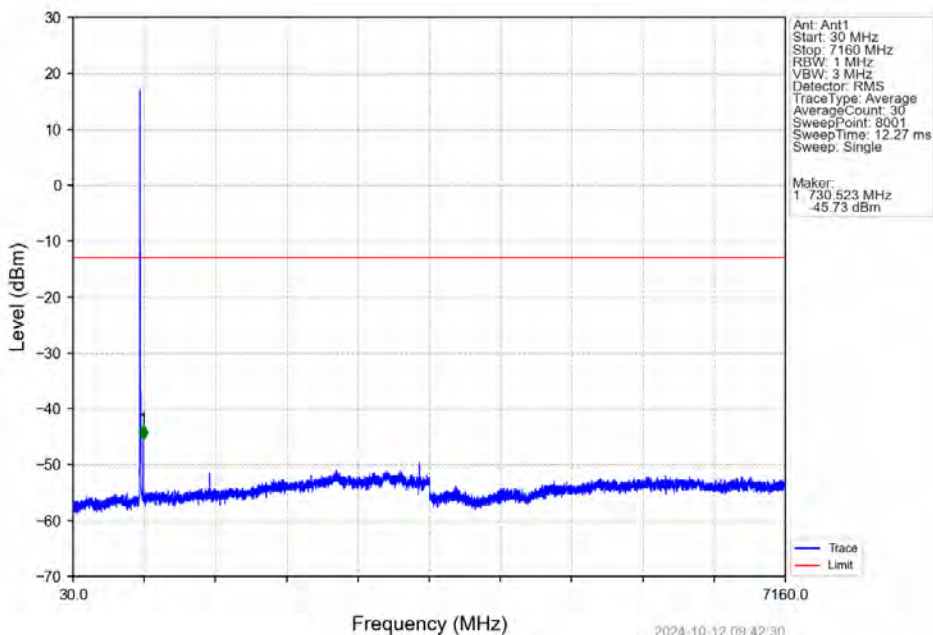
Band12 5MHz 16QAM LCH 701.5MHz RB 1 0 NTNV



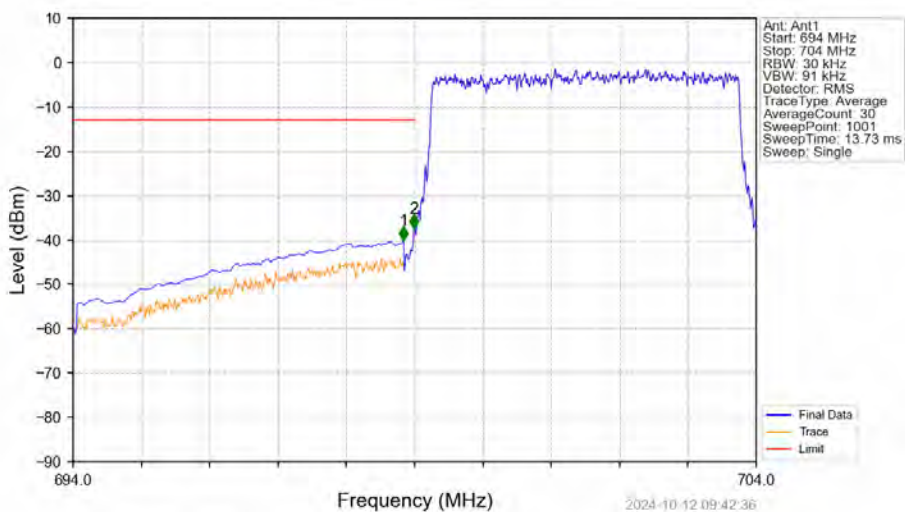
Band12_5MHz_16QAM_LCH_701.5MHz_RB_1_0_NTNV



Band12 5MHz 16QAM LCH 701.5MHz RB 1 0 NTNV

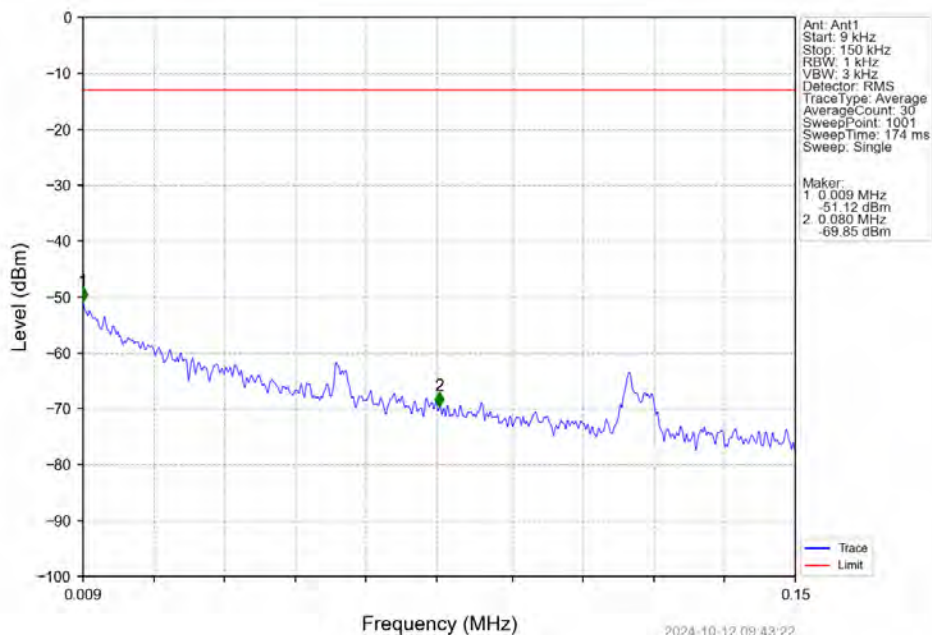


Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV

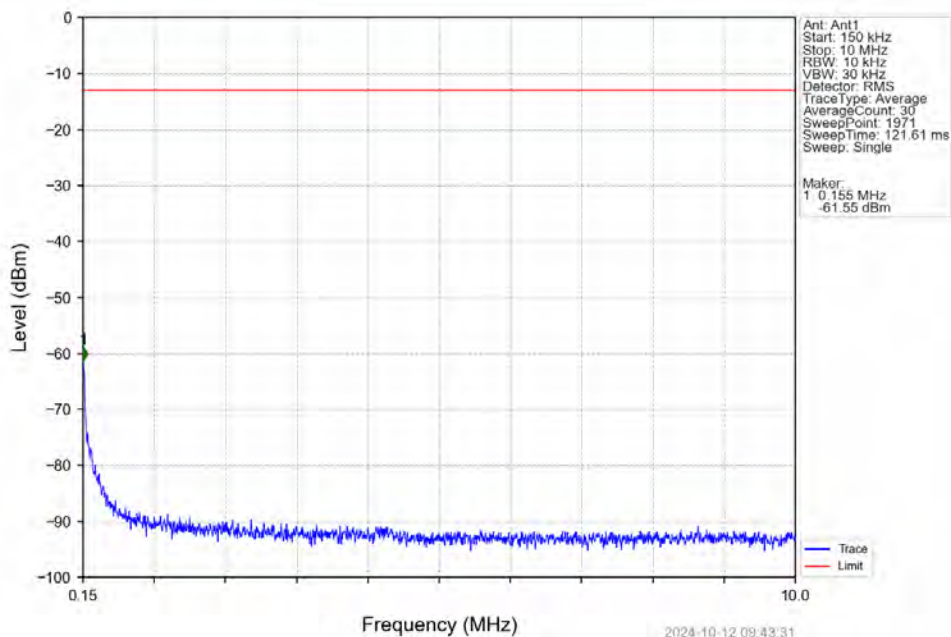


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-40.10	-13	Pass
698.9	699	0.03	/	2	698.990	-37.34	-13	Pass
699	704	0.03	/	/	/	/	/	/

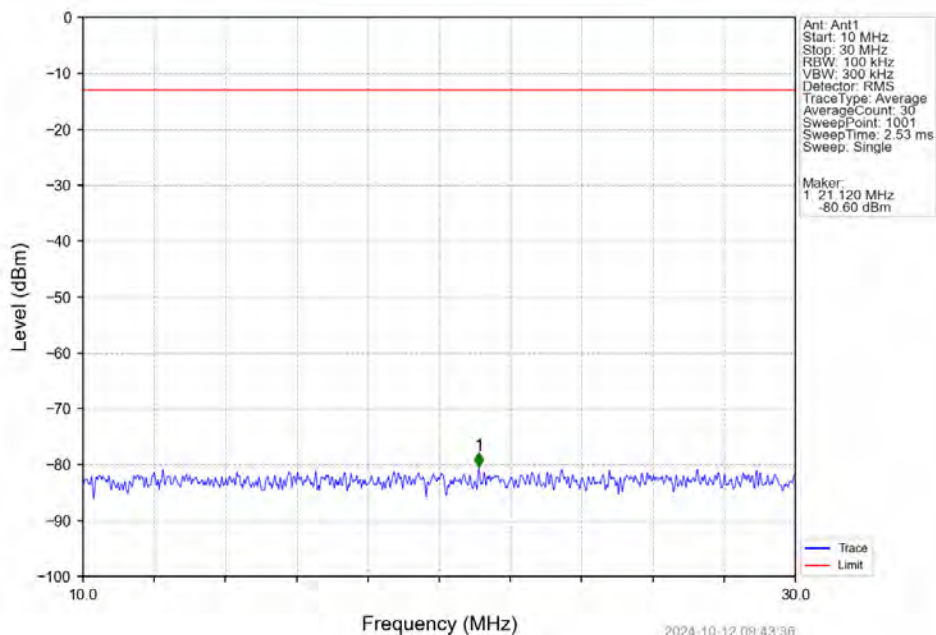
Band12 5MHz 16QAM MCH 707.5MHz RB 1 0 NTV



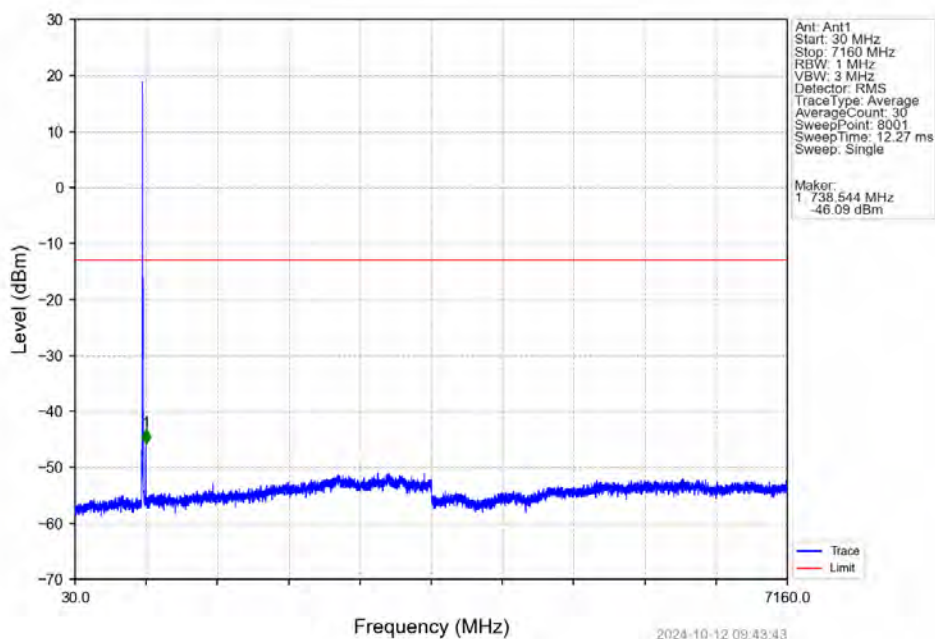
Band12 5MHz 16QAM MCH 707.5MHz RB 1 0 NTV



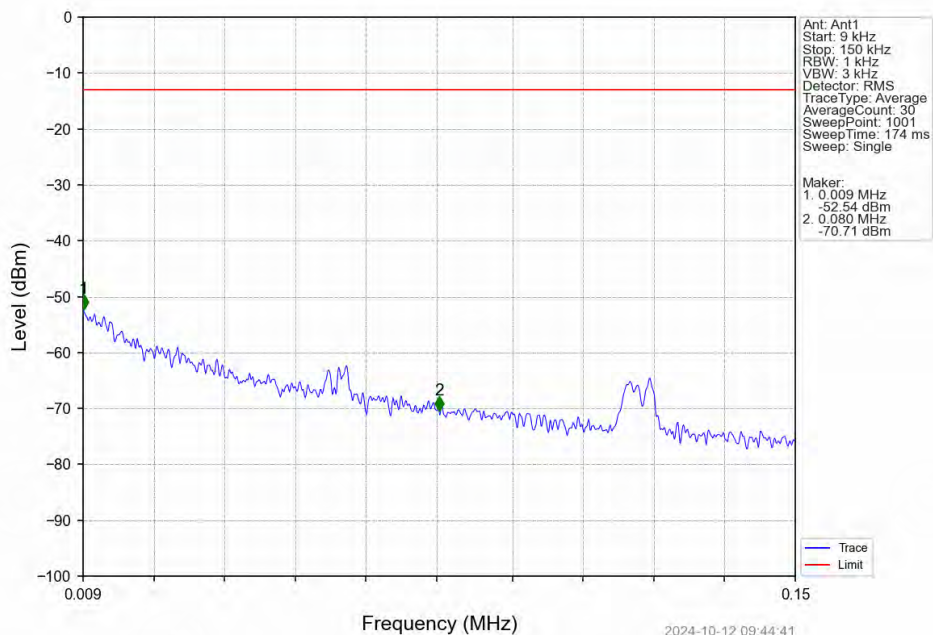
Band12 5MHz 16QAM MCH 707.5MHz RB 1 0 NTNV



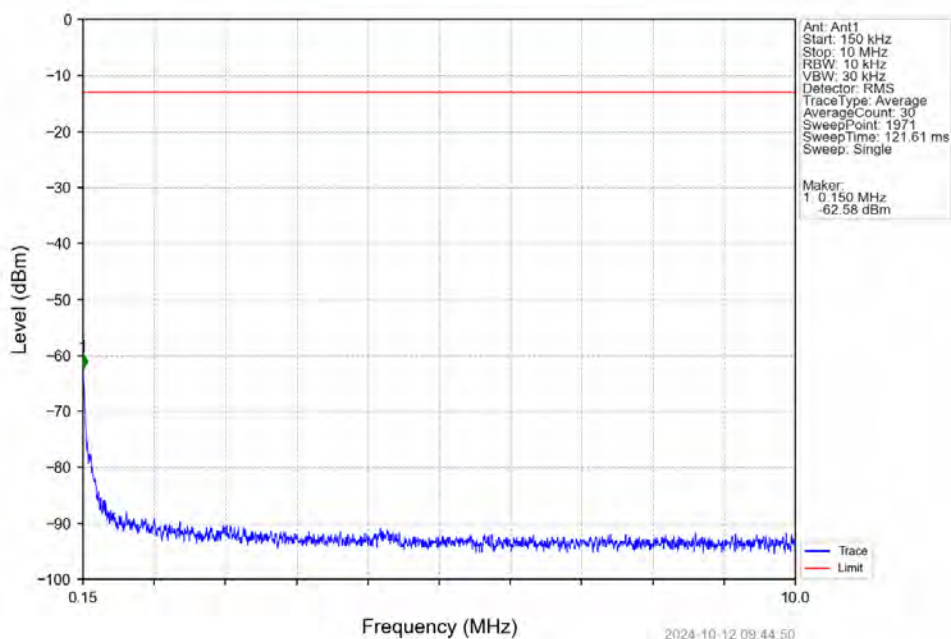
Band12 5MHz 16QAM MCH 707.5MHz RB 1 0 NTNV



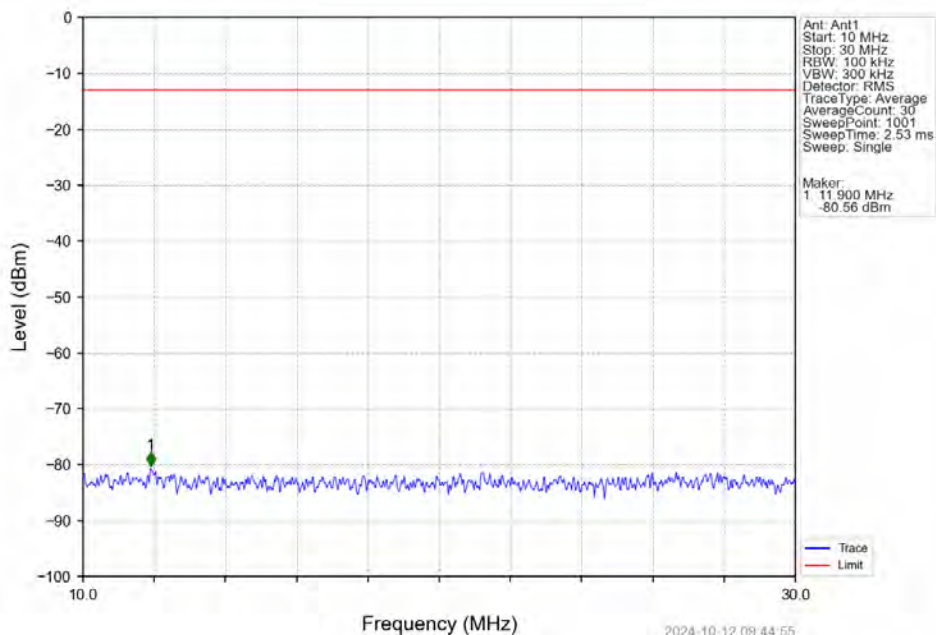
Band12 5MHz 16QAM HCH 713.5MHz RB 1 0 NTV



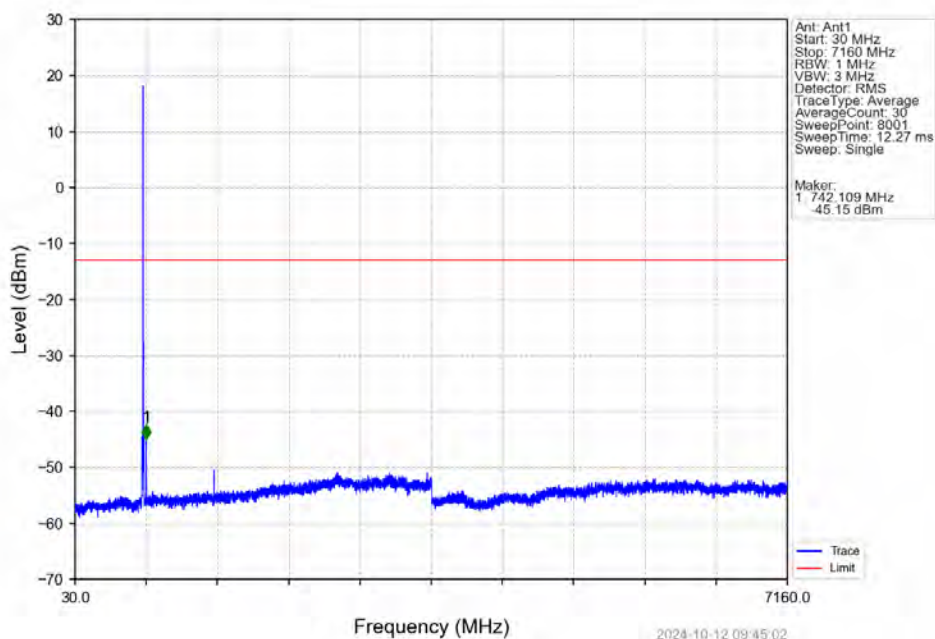
Band12 5MHz 16QAM HCH 713.5MHz RB 1 0 NTV



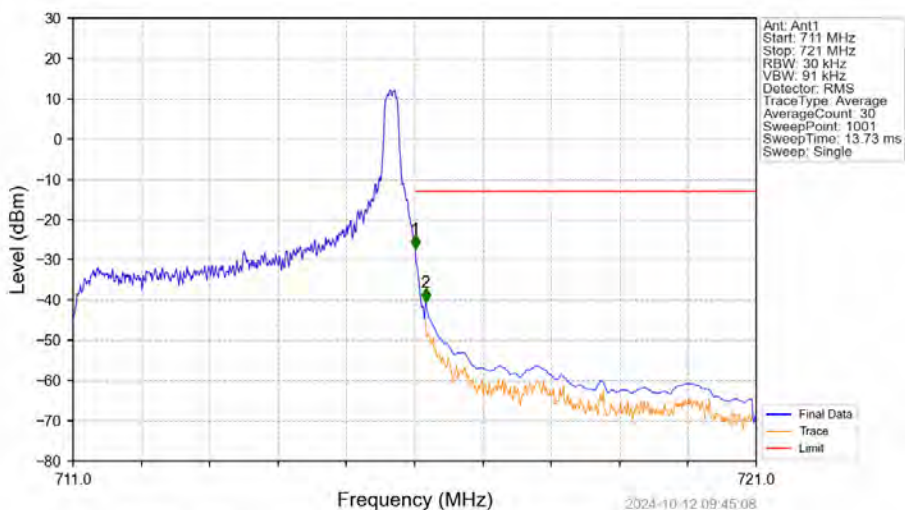
Band12 5MHz 16QAM HCH 713.5MHz RB 1 0 NTV



Band12_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTV

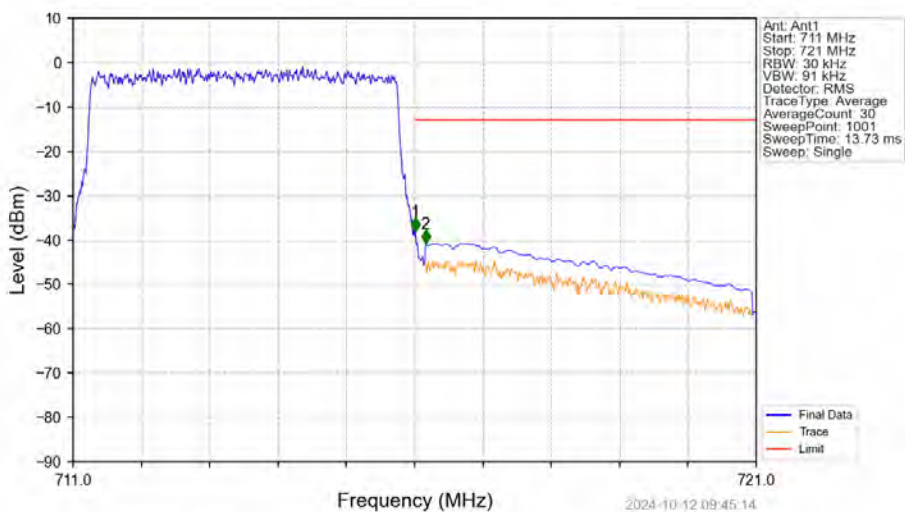


Band12 5MHz 16QAM HCH 713.5MHz RB 1 24 NTNV



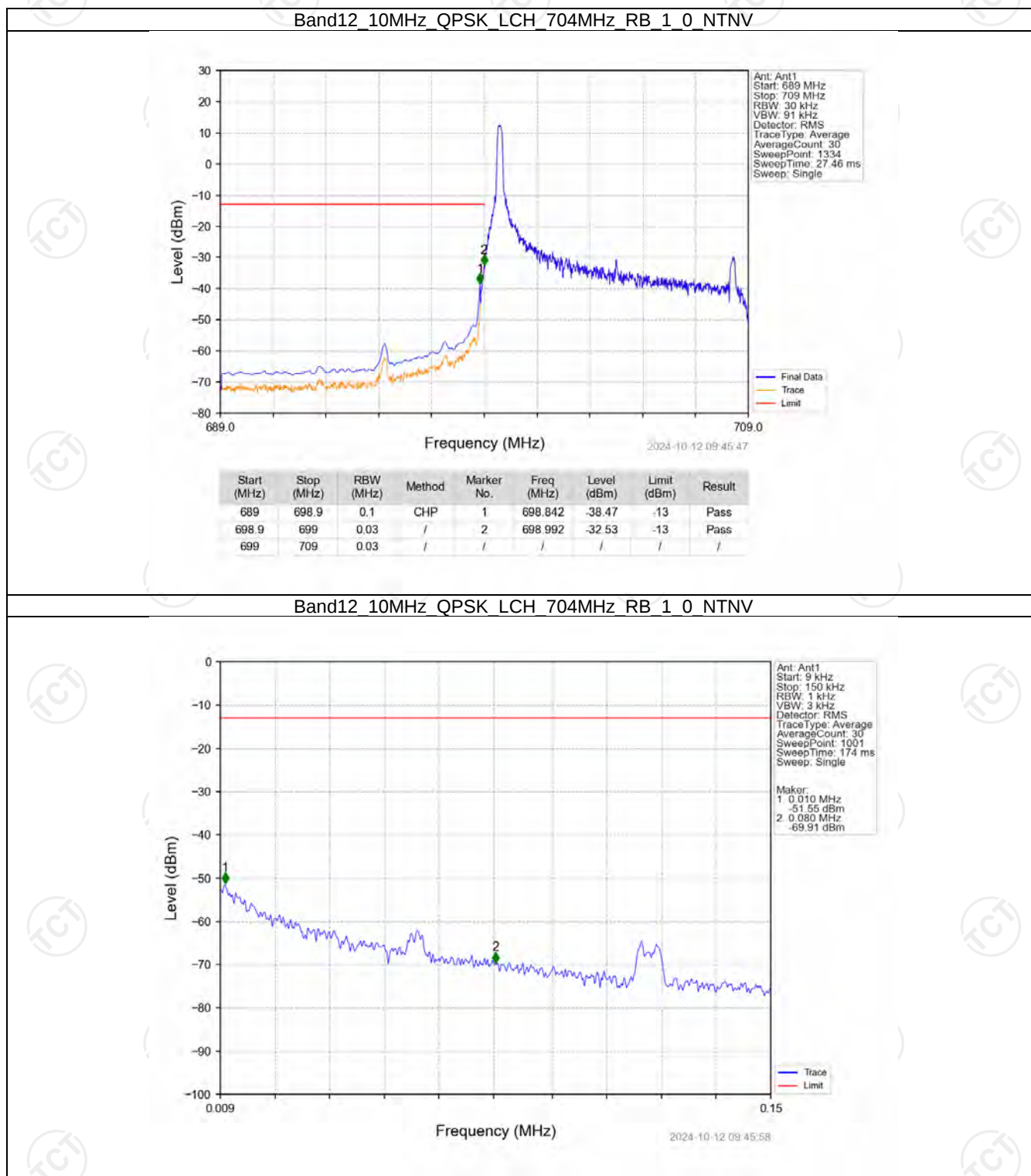
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-27.34	-13	Pass
716.1	721	0.1	CHP	2	716.160	-40.43	-13	Pass

Band12 5MHz 16QAM HCH 713.5MHz RB 25 0 NTNV

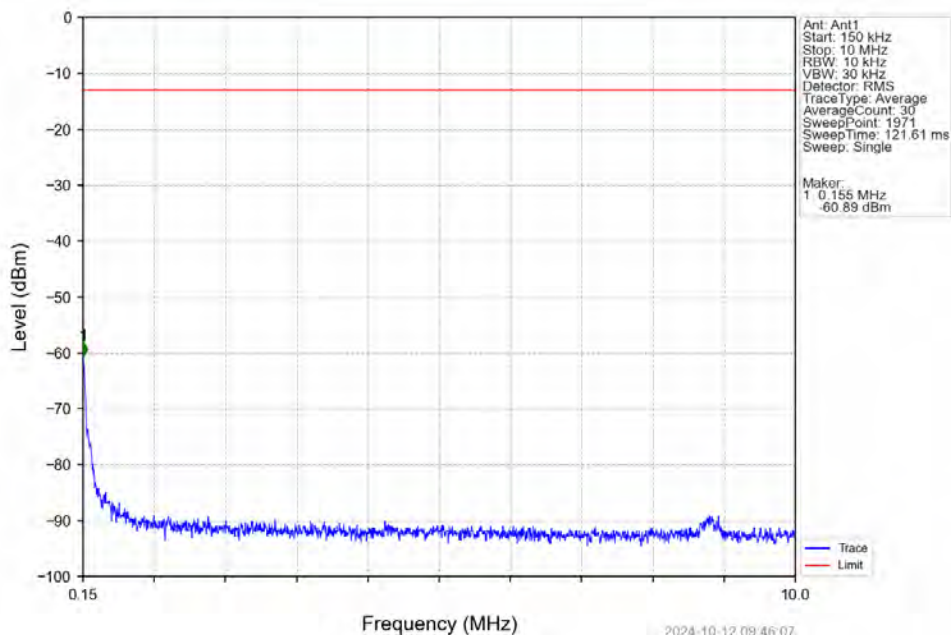


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-38.10	-13	Pass
716.1	721	0.1	CHP	2	716.160	-40.69	-13	Pass

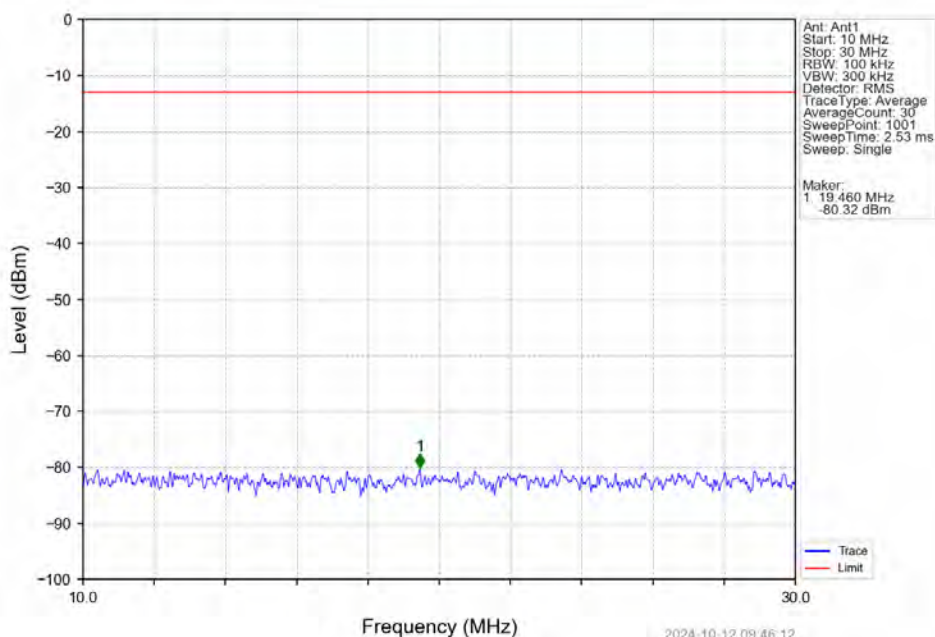
6.2.4 B12_10MHz



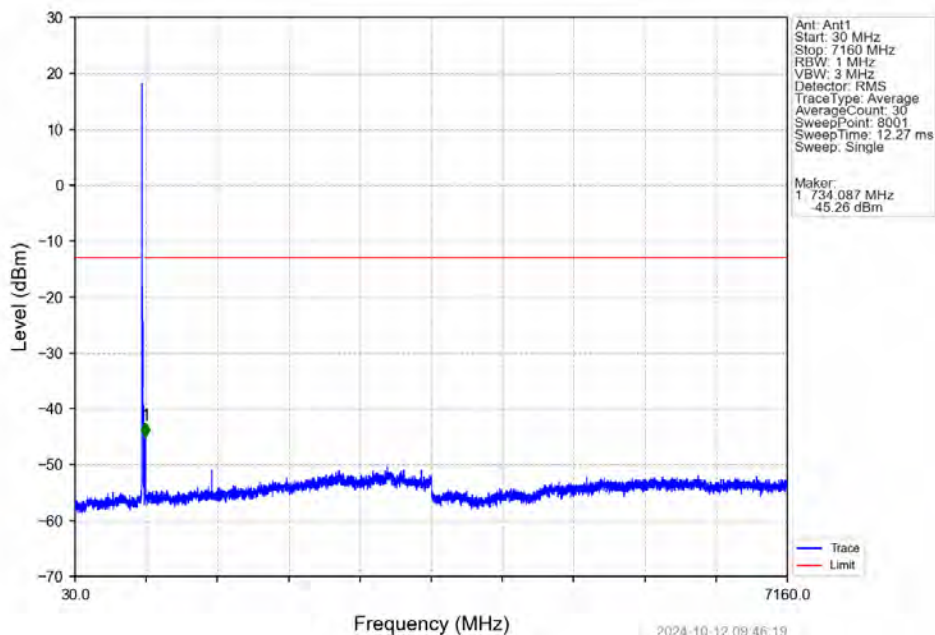
Band12 10MHz QPSK LCH 704MHz RB 1 0 NTN



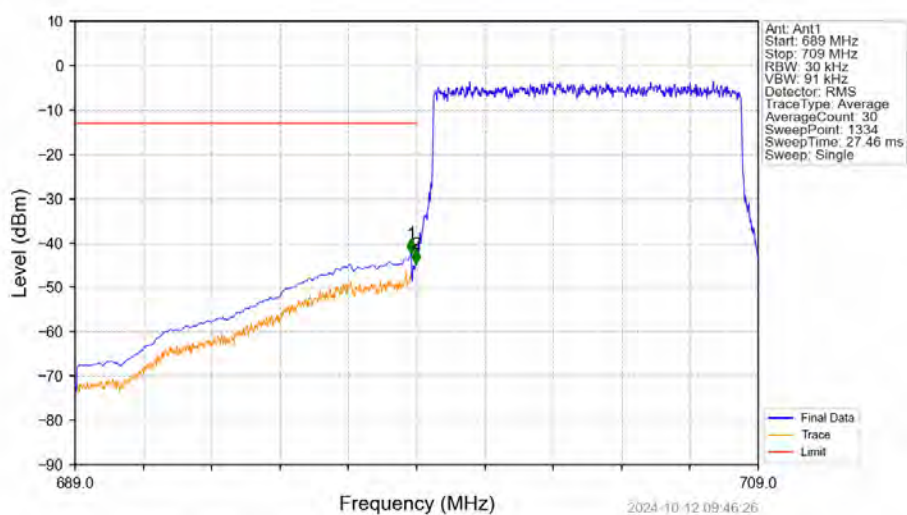
Band12 10MHz QPSK LCH 704MHz RB 1 0 NTN



Band12_10MHz_QPSK_LCH_704MHz_RB_1_0_NTNV

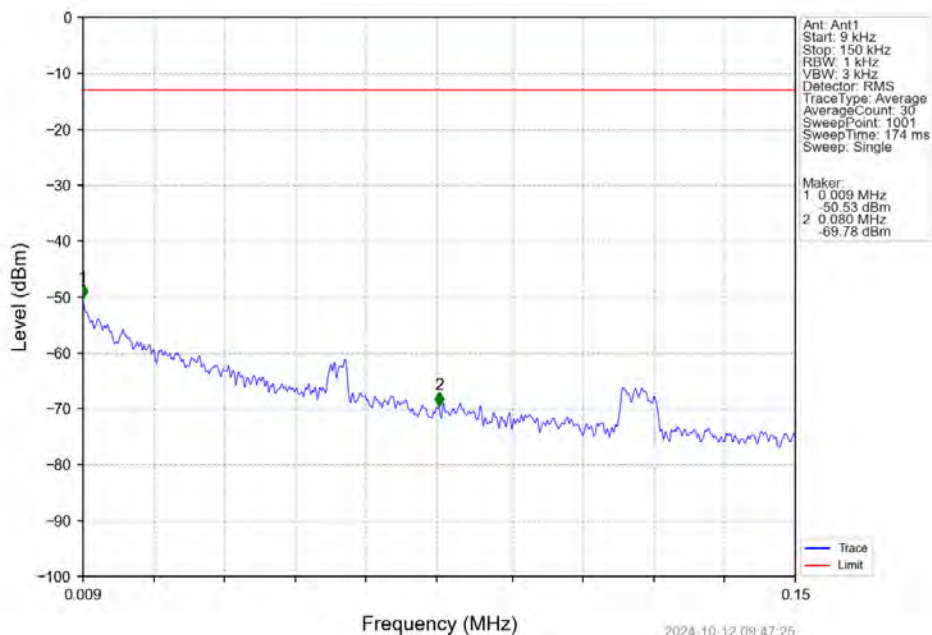


Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV

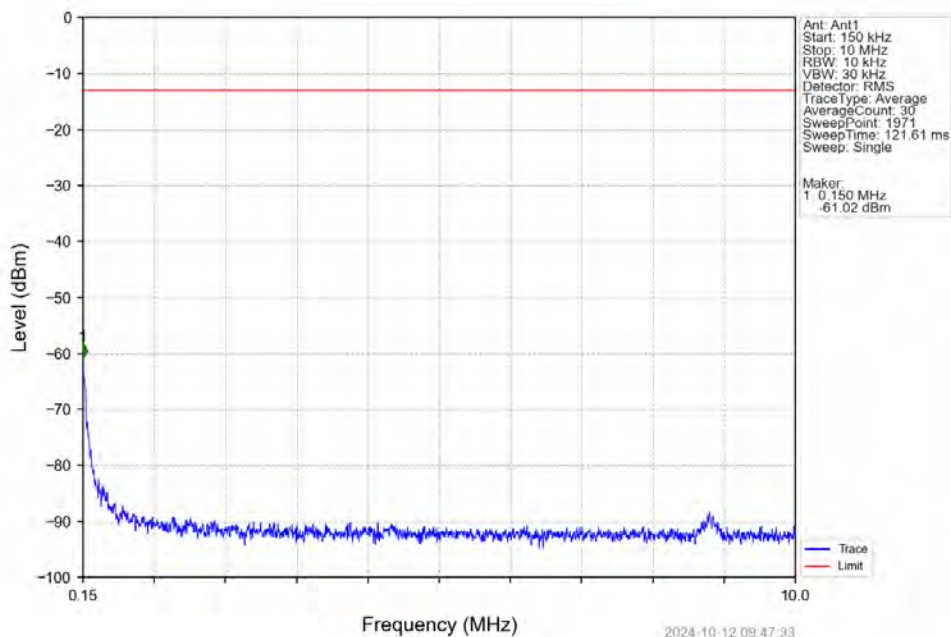


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-42.25	-13	Pass
698.9	699	0.03	/	2	698.977	-44.67	-13	Pass
699	709	0.03	/	/	/	/	/	/

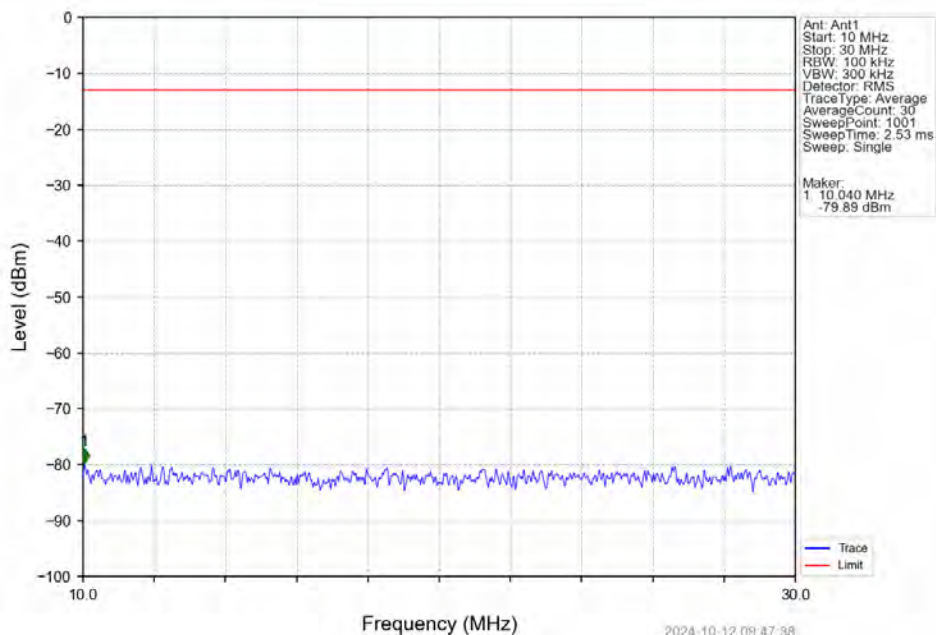
Band12 10MHz QPSK MCH 707.5MHz RB 1 0 NTV



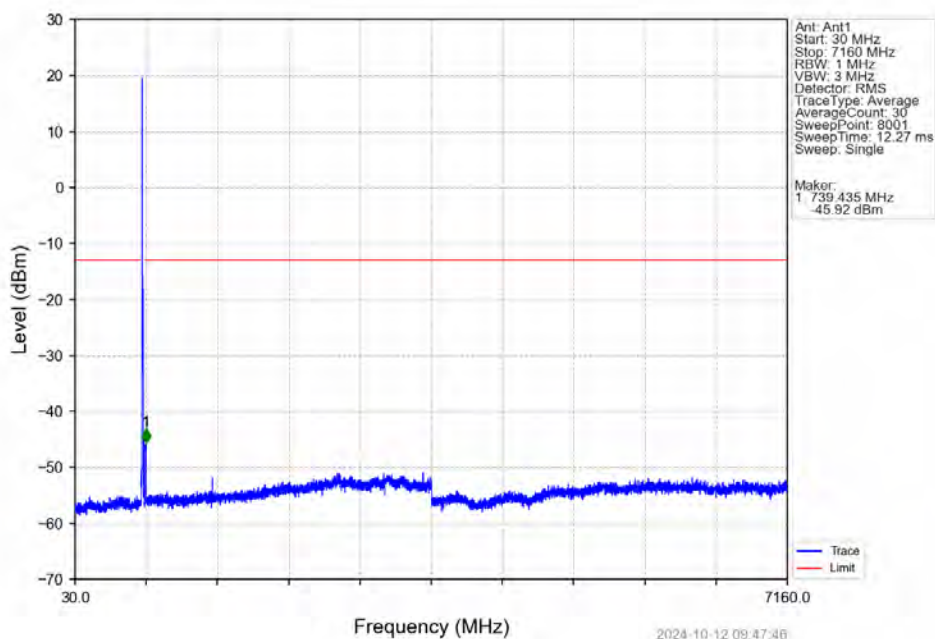
Band12 10MHz QPSK MCH 707.5MHz RB 1 0 NTV



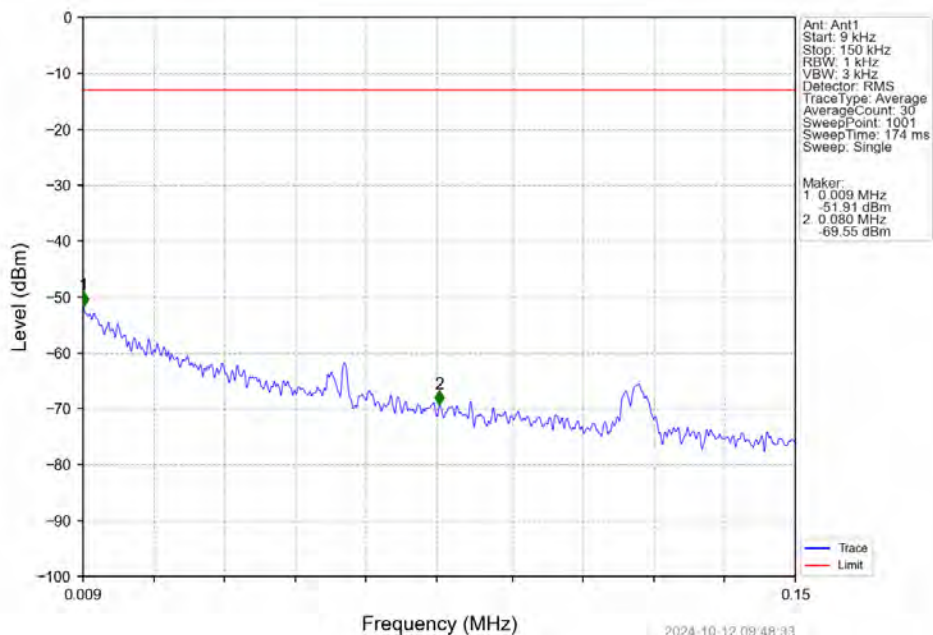
Band12 10MHz QPSK MCH 707.5MHz RB 1 0 NTV



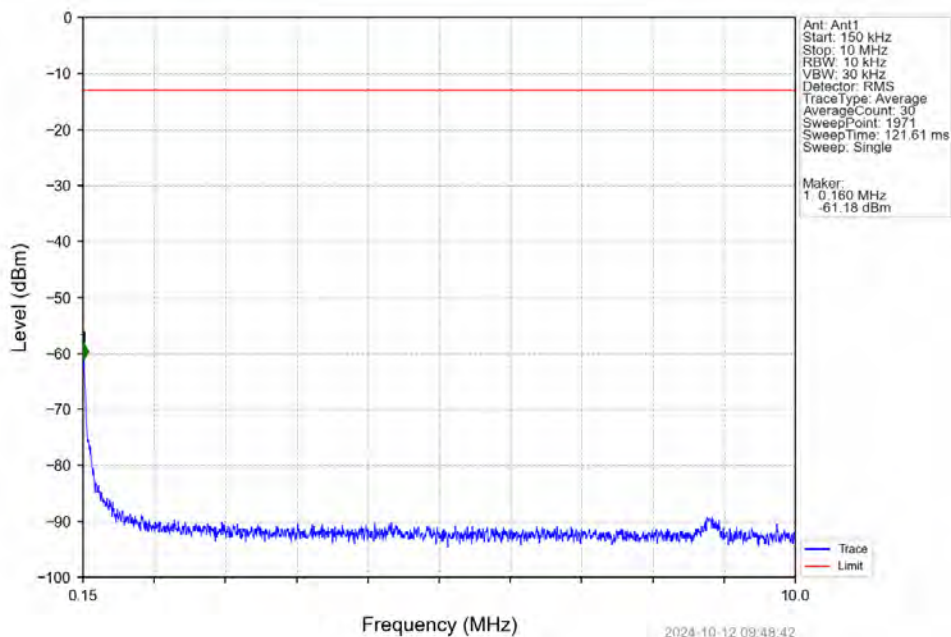
Band12 10MHz QPSK MCH 707.5MHz RB 1 0 NTV



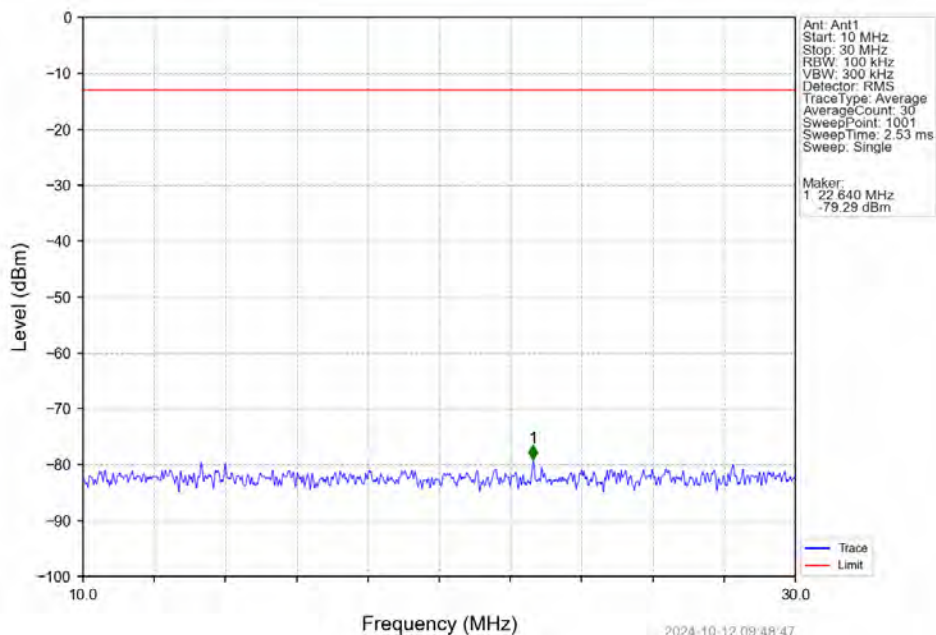
Band12 10MHz QPSK HCH 711MHz RB 1 0 NTNV



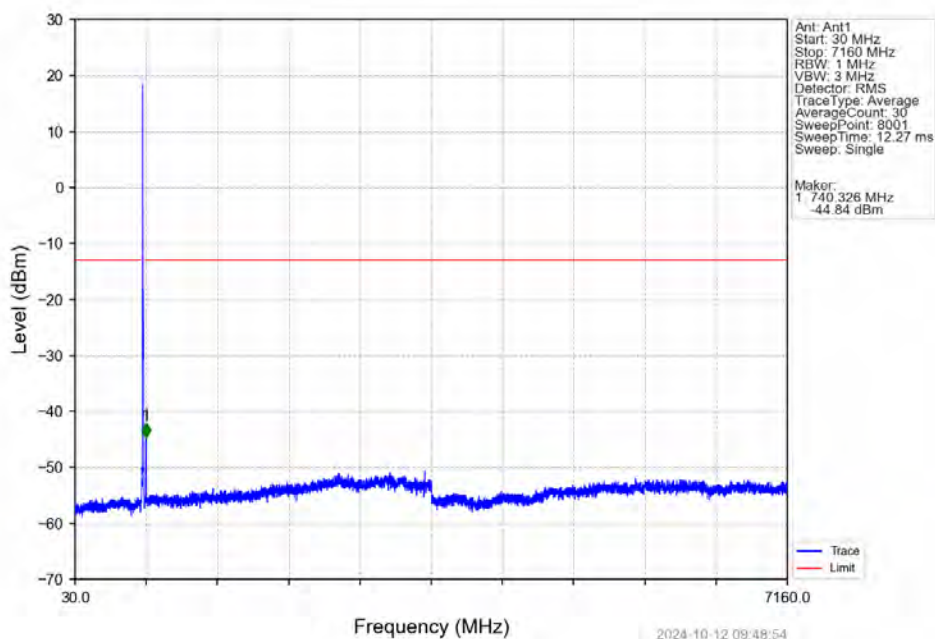
Band12 10MHz QPSK HCH 711MHz RB 1 0 NTNV



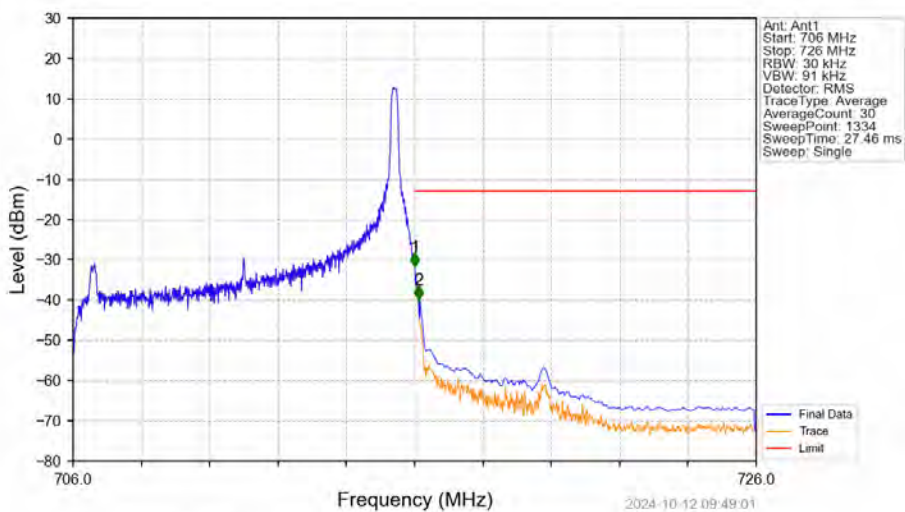
Band12 10MHz QPSK HCH 711MHz RB 1 0 NTNV



Band12 10MHz QPSK HCH 711MHz RB 1 0 NTNV

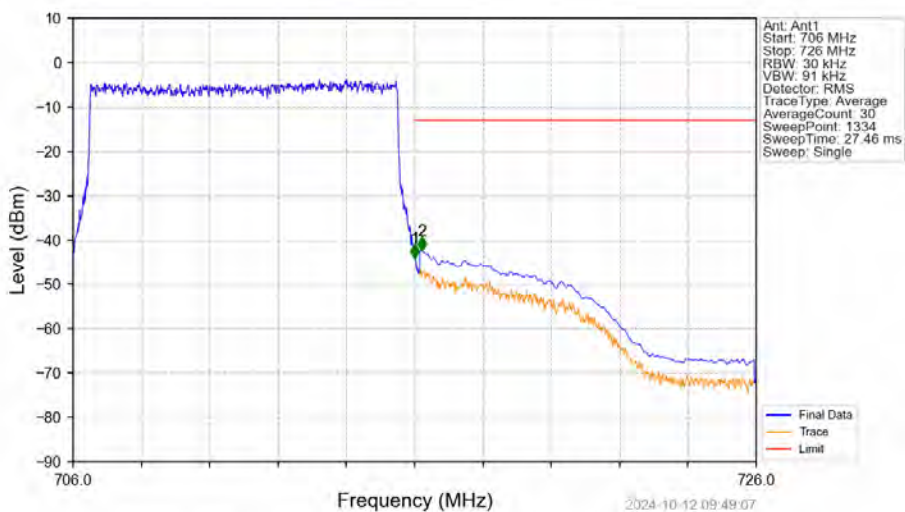


Band12_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV



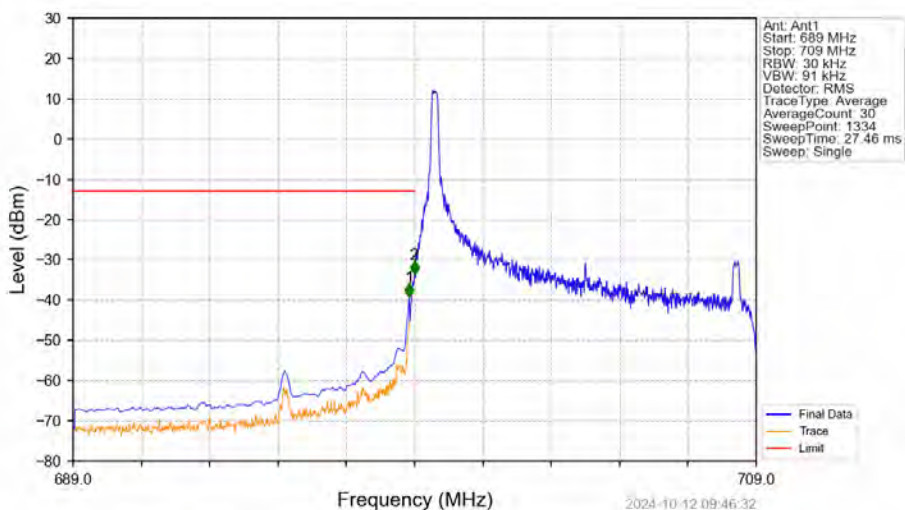
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-31.56	-13	Pass
716.1	726	0.1	CHP	2	716.113	-39.81	-13	Pass

Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV

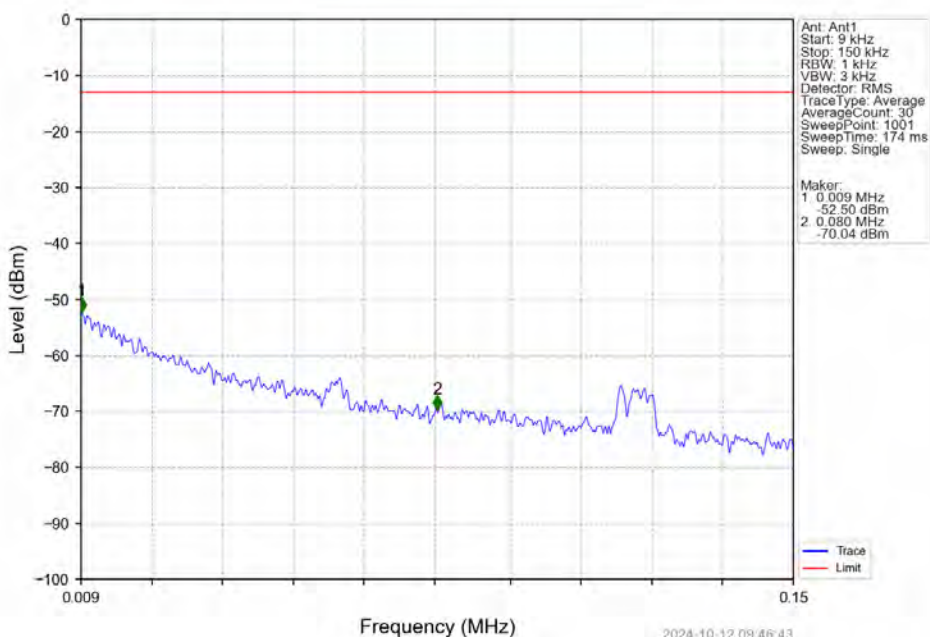


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-44.00	-13	Pass
716.1	726	0.1	CHP	2	716.218	-42.45	-13	Pass

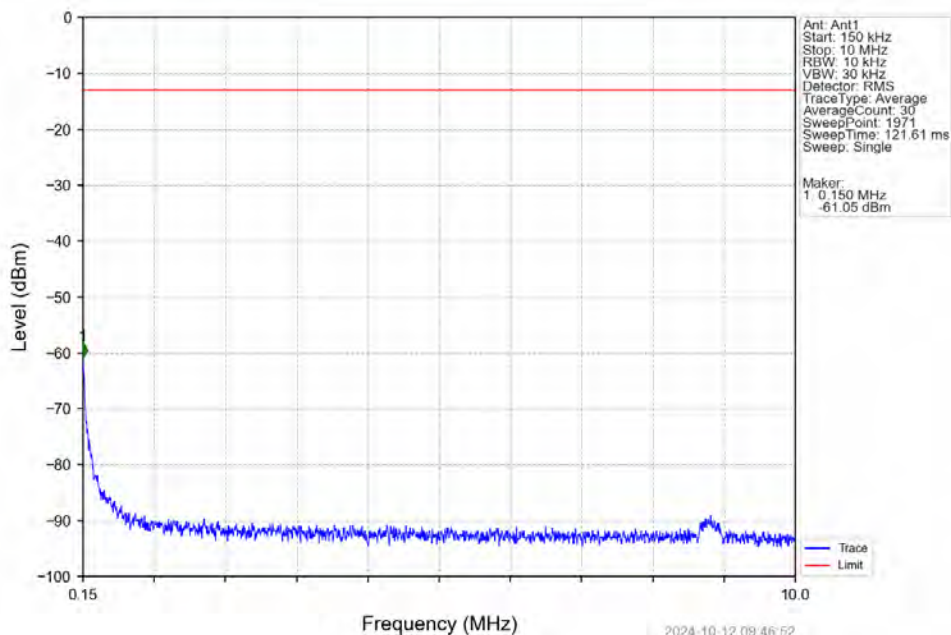
Band12 10MHz 16QAM LCH 704MHz RB 1 0 NTNV



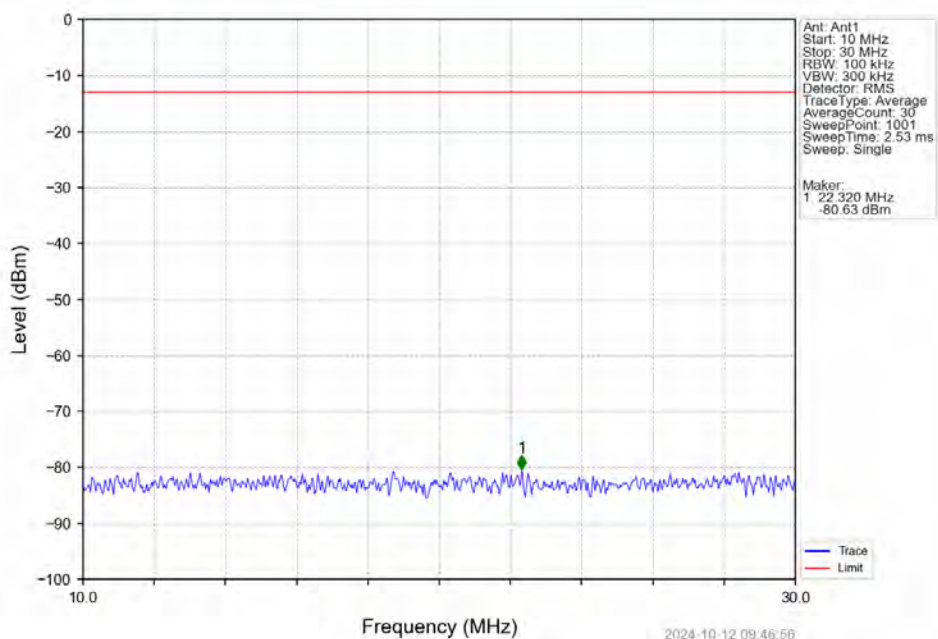
Band12 10MHz 16QAM LCH 704MHz RB 1 0 NTNV



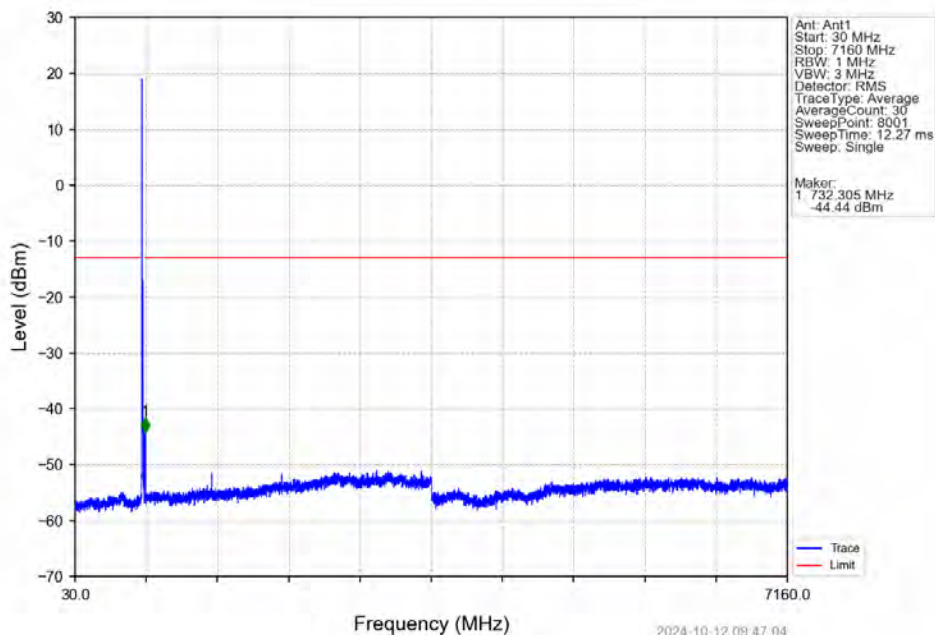
Band12 10MHz 16QAM LCH 704MHz RB 1 0 NTNV



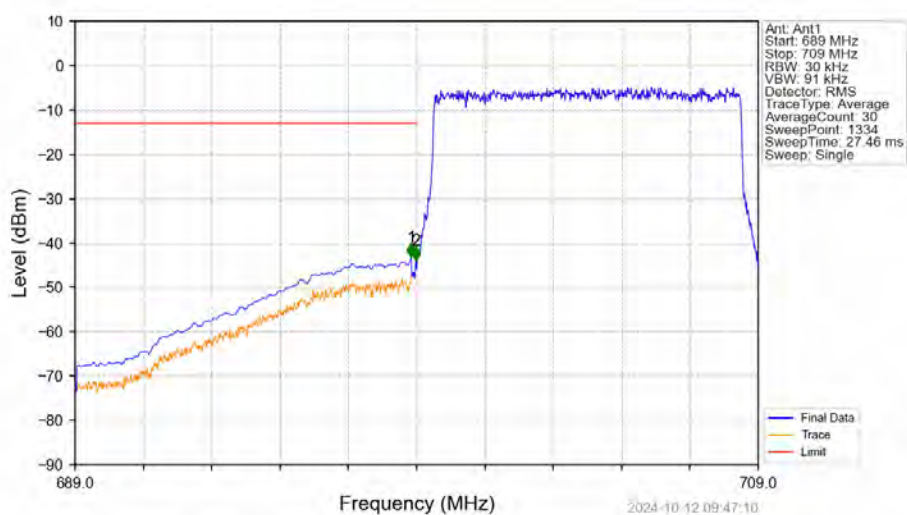
Band12 10MHz 16QAM LCH 704MHz RB 1 0 NTNV



Band12 10MHz 16QAM LCH 704MHz RB 1 0 NTNV

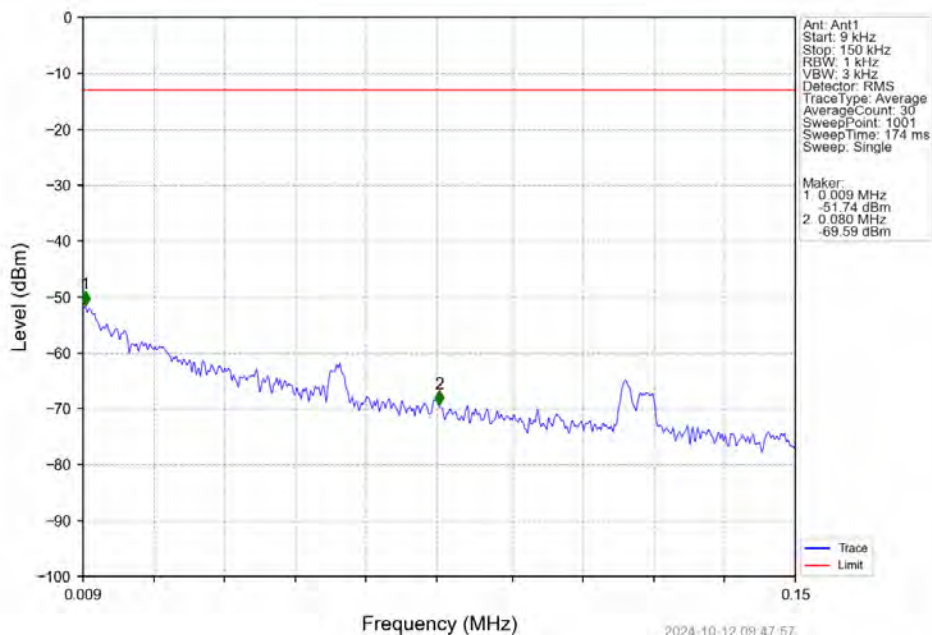


Band12 10MHz 16QAM LCH 704MHz RB 50 0 NTNV

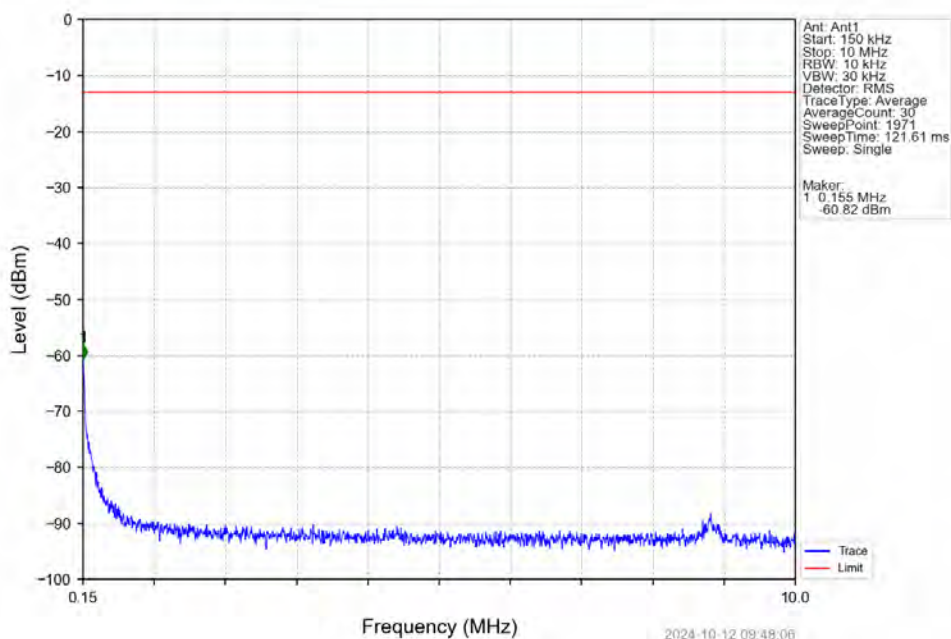


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-43.06	-13	Pass
698.9	699	0.03	/	2	698.977	-43.88	-13	Pass
699	709	0.03	/	/	/	/	/	/

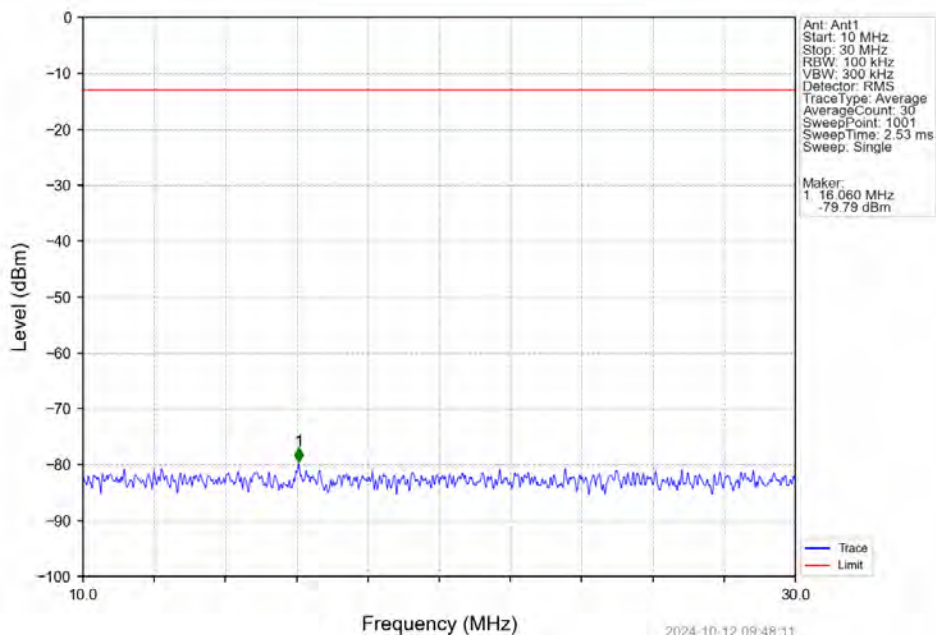
Band12 10MHz 16QAM MCH 707.5MHz RB 1 0 NTNV



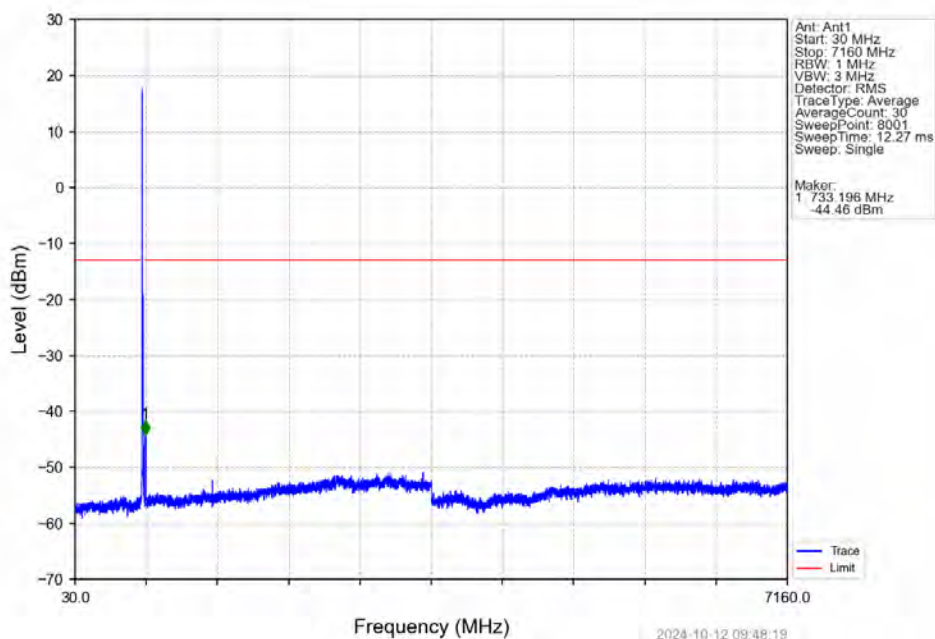
Band12 10MHz 16QAM MCH 707.5MHz RB 1 0 NTNV



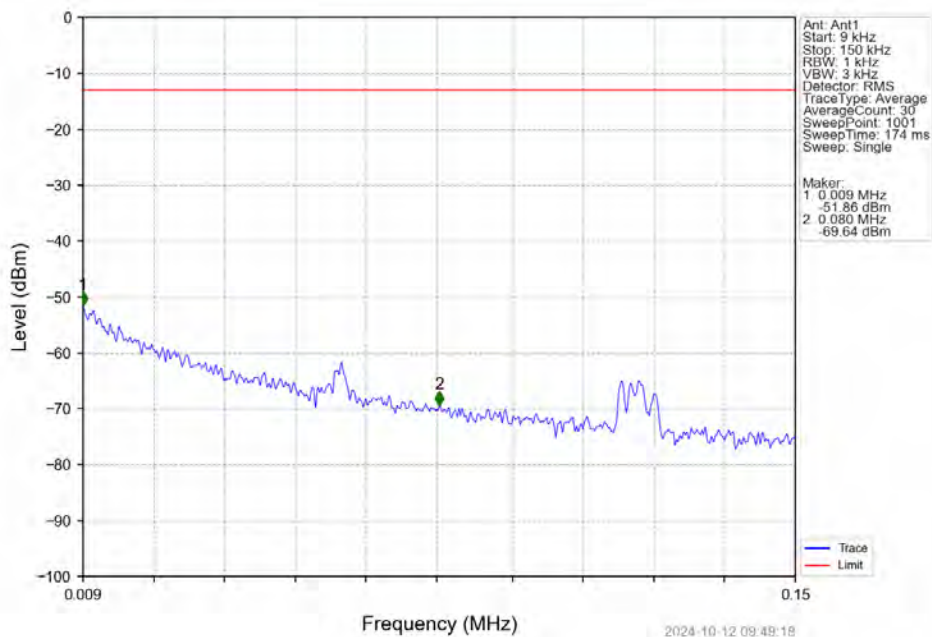
Band12 10MHz 16QAM MCH 707.5MHz RB 1 0 NTNV



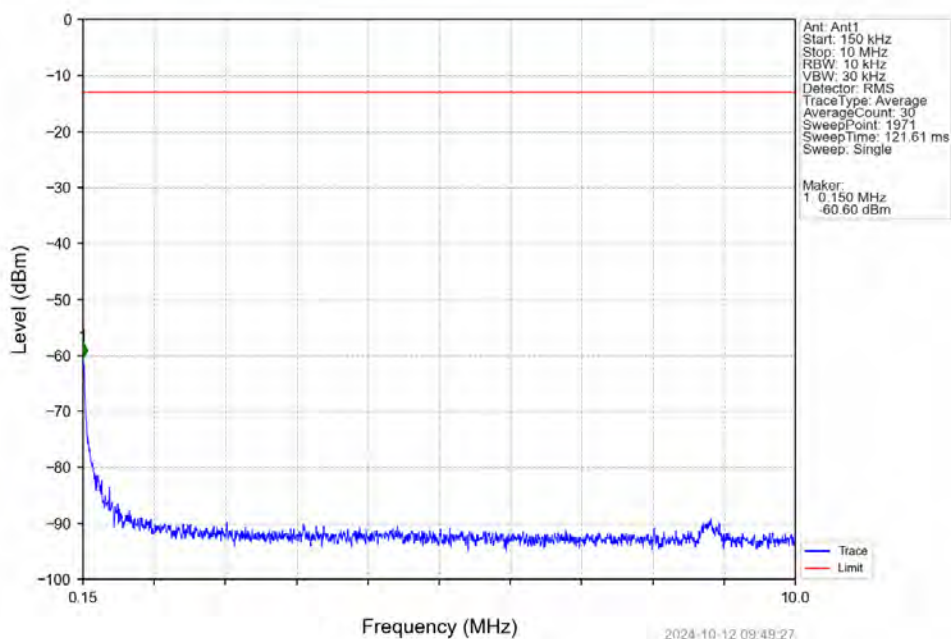
Band12 10MHz 16QAM MCH 707.5MHz RB 1 0 NTNV



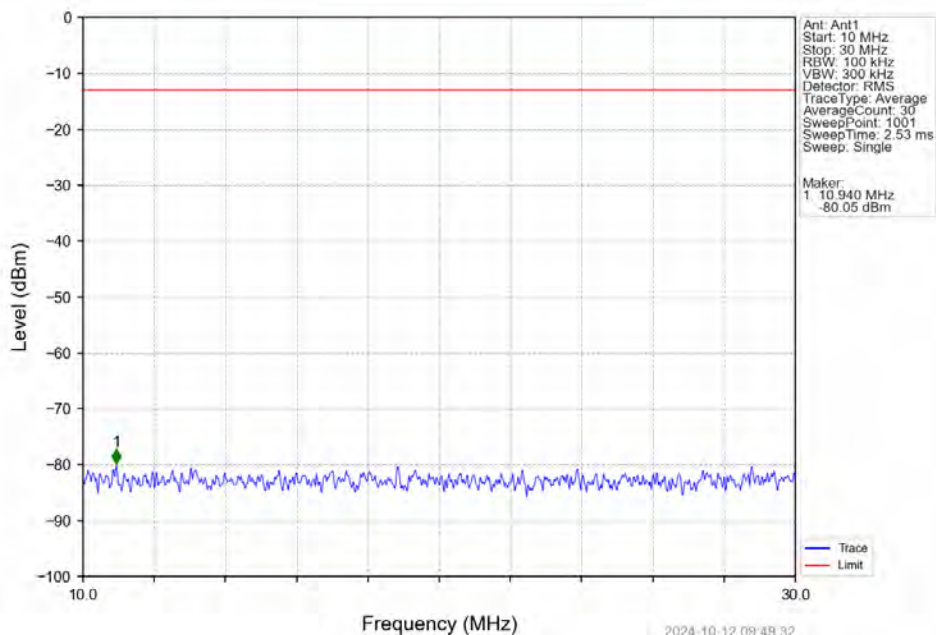
Band12 10MHz 16QAM HCH 711MHz RB 1 0 NTNV



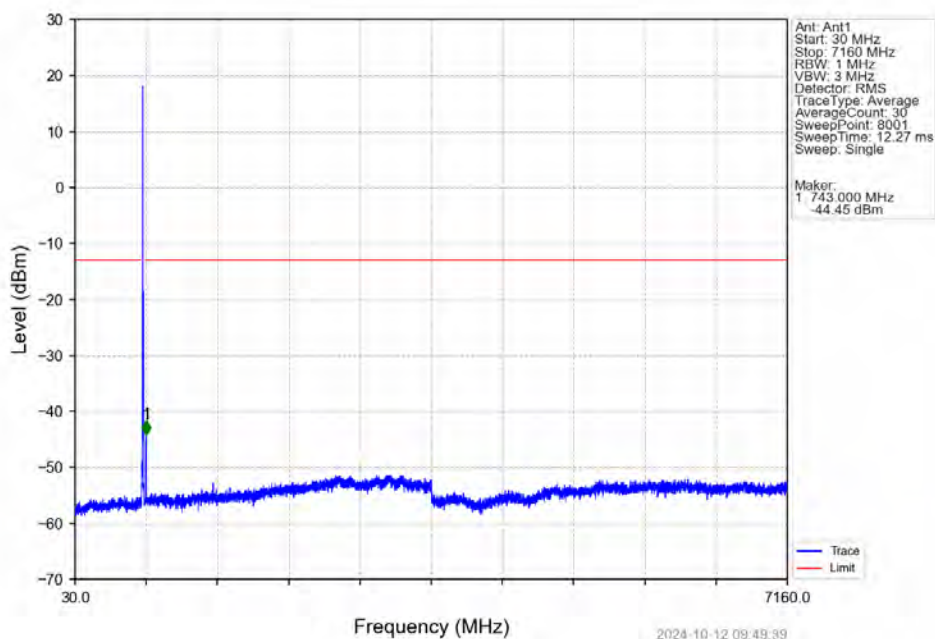
Band12_10MHz_16QAM_HCH_711MHz_RB_1_0 NTNV



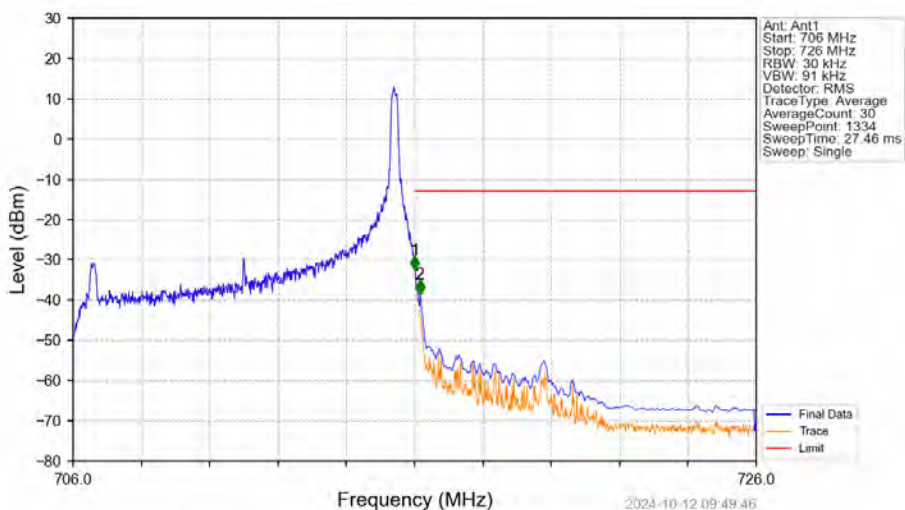
Band12 10MHz 16QAM HCH 711MHz RB 1 0 NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_1_0 NTNV

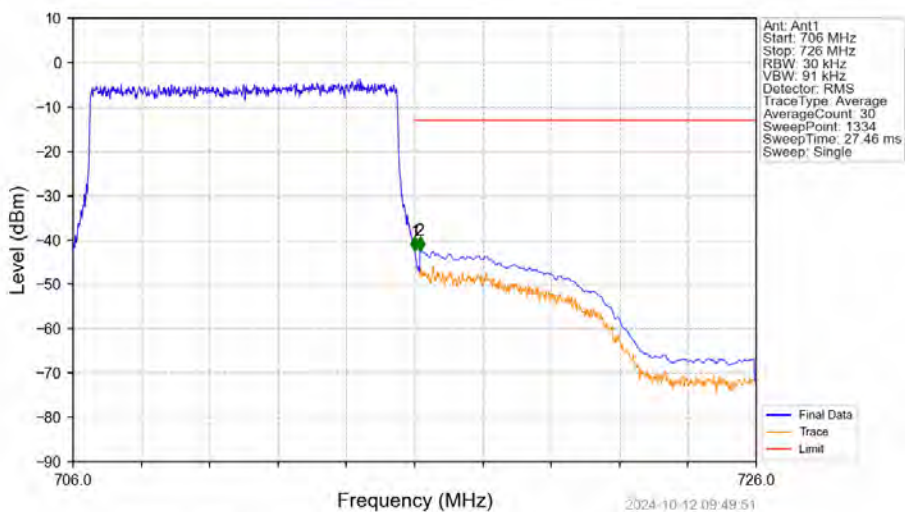


Band12 10MHz 16QAM HCH 711MHz RB 1 49 NTV



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	-32.49	-13	Pass
716.1	726	0.1	CHP	2	716.158	-38.49	-13	Pass

Band12 10MHz 16QAM HCH 711MHz RB 50 0 NTV



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	-42.34	-13	Pass
716.1	726	0.1	CHP	2	716.158	-42.31	-13	Pass