

1. Effective (Isotropic) Radiated Power OutputS 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	23.59	-5.80	15.64	<=34.77	Pass
			2	23.65	-5.80	15.70	<=34.77	Pass
			5	23.57	-5.80	15.62	<=34.77	Pass
		3	0	23.66	-5.80	15.71	<=34.77	Pass
			2	23.56	-5.80	15.61	<=34.77	Pass
			3	23.66	-5.80	15.71	<=34.77	Pass
		6	0	22.76	-5.80	14.81	<=34.77	Pass
	707.5	1	0	23.72	-5.80	15.77	<=34.77	Pass
			2	23.57	-5.80	15.62	<=34.77	Pass
			5	23.79	-5.80	15.84	<=34.77	Pass
		3	0	23.44	-5.80	15.49	<=34.77	Pass
			2	23.53	-5.80	15.58	<=34.77	Pass
			3	23.47	-5.80	15.52	<=34.77	Pass
		6	0	22.53	-5.80	14.58	<=34.77	Pass
	715.3	1	0	23.42	-5.80	15.47	<=34.77	Pass
			2	23.45	-5.80	15.50	<=34.77	Pass
			5	23.50	-5.80	15.55	<=34.77	Pass
		3	0	23.51	-5.80	15.56	<=34.77	Pass
			2	23.46	-5.80	15.51	<=34.77	Pass
			3	23.48	-5.80	15.53	<=34.77	Pass
		6	0	22.46	-5.80	14.51	<=34.77	Pass
16QAM	699.7	1	0	22.25	-5.80	14.30	<=34.77	Pass
			2	22.26	-5.80	14.31	<=34.77	Pass
			5	22.24	-5.80	14.29	<=34.77	Pass
		3	0	22.20	-5.80	14.25	<=34.77	Pass
			2	22.22	-5.80	14.27	<=34.77	Pass
			3	22.13	-5.80	14.18	<=34.77	Pass
		6	0	21.51	-5.80	13.56	<=34.77	Pass
	707.5	1	0	22.28	-5.80	14.33	<=34.77	Pass
			2	22.36	-5.80	14.41	<=34.77	Pass
			5	22.38	-5.80	14.43	<=34.77	Pass
		3	0	22.39	-5.80	14.44	<=34.77	Pass
			2	22.38	-5.80	14.43	<=34.77	Pass
			3	22.42	-5.80	14.47	<=34.77	Pass
		6	0	21.70	-5.80	13.75	<=34.77	Pass
	715.3	1	0	22.10	-5.80	14.15	<=34.77	Pass
			2	22.22	-5.80	14.27	<=34.77	Pass
			5	22.21	-5.80	14.26	<=34.77	Pass
		3	0	22.09	-5.80	14.14	<=34.77	Pass
			2	22.09	-5.80	14.14	<=34.77	Pass
			3	22.08	-5.80	14.13	<=34.77	Pass
		6	0	21.50	-5.80	13.55	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.2 B12_3MHz_ERP

Band: 12 / Bandwidth: 3MHz / NTNV								
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Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	700.5	1	0	23.61	-5.80	15.66	<=34.77	Pass
			7	23.68	-5.80	15.73	<=34.77	Pass
			14	23.69	-5.80	15.74	<=34.77	Pass
		8	0	22.63	-5.80	14.68	<=34.77	Pass
			4	22.68	-5.80	14.73	<=34.77	Pass
			7	22.51	-5.80	14.56	<=34.77	Pass
		15	0	22.52	-5.80	14.57	<=34.77	Pass
	707.5	1	0	23.69	-5.80	15.74	<=34.77	Pass
			7	23.69	-5.80	15.74	<=34.77	Pass
			14	23.66	-5.80	15.71	<=34.77	Pass
		8	0	22.51	-5.80	14.56	<=34.77	Pass
			4	22.47	-5.80	14.52	<=34.77	Pass
			7	22.47	-5.80	14.52	<=34.77	Pass
		15	0	22.56	-5.80	14.61	<=34.77	Pass
	714.5	1	0	23.36	-5.80	15.41	<=34.77	Pass
			7	23.43	-5.80	15.48	<=34.77	Pass
			14	23.47	-5.80	15.52	<=34.77	Pass
		8	0	22.42	-5.80	14.47	<=34.77	Pass
			4	22.59	-5.80	14.64	<=34.77	Pass
			7	22.55	-5.80	14.60	<=34.77	Pass
16QAM	700.5	1	0	22.41	-5.80	14.46	<=34.77	Pass
			7	22.42	-5.80	14.47	<=34.77	Pass
			14	22.41	-5.80	14.46	<=34.77	Pass
		8	0	21.82	-5.80	13.87	<=34.77	Pass
			4	21.77	-5.80	13.82	<=34.77	Pass
			7	21.76	-5.80	13.81	<=34.77	Pass
		15	0	21.46	-5.80	13.51	<=34.77	Pass
	707.5	1	0	22.36	-5.80	14.41	<=34.77	Pass
			7	23.00	-5.80	15.05	<=34.77	Pass
			14	23.00	-5.80	15.05	<=34.77	Pass
		8	0	21.74	-5.80	13.79	<=34.77	Pass
			4	21.69	-5.80	13.74	<=34.77	Pass
			7	21.65	-5.80	13.70	<=34.77	Pass
		15	0	21.56	-5.80	13.61	<=34.77	Pass
	714.5	1	0	22.26	-5.80	14.31	<=34.77	Pass
			7	22.23	-5.80	14.28	<=34.77	Pass
			14	22.35	-5.80	14.40	<=34.77	Pass
		8	0	21.55	-5.80	13.60	<=34.77	Pass
			4	21.46	-5.80	13.51	<=34.77	Pass
			7	21.51	-5.80	13.56	<=34.77	Pass
		15	0	21.56	-5.80	13.61	<=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	23.63	-5.80	15.68	<=34.77	Pass
			13	23.46	-5.80	15.51	<=34.77	Pass
			24	23.42	-5.80	15.47	<=34.77	Pass
		12	0	22.67	-5.80	14.72	<=34.77	Pass
			6	22.60	-5.80	14.65	<=34.77	Pass
			13	22.53	-5.80	14.58	<=34.77	Pass

16QAM	707.5	25	0	22.51	-5.80	14.56	<=34.77	Pass	
		1	0	23.66	-5.80	15.71	<=34.77	Pass	
			13	23.59	-5.80	15.64	<=34.77	Pass	
			24	23.55	-5.80	15.60	<=34.77	Pass	
			0	22.49	-5.80	14.54	<=34.77	Pass	
		12	6	22.42	-5.80	14.47	<=34.77	Pass	
			13	22.50	-5.80	14.55	<=34.77	Pass	
			25	0	22.40	-5.80	14.45	<=34.77	Pass
		713.5	1	0	23.38	-5.80	15.43	<=34.77	Pass
				13	23.36	-5.80	15.41	<=34.77	Pass
	24			23.36	-5.80	15.41	<=34.77	Pass	
	12		0	22.34	-5.80	14.39	<=34.77	Pass	
			6	22.42	-5.80	14.47	<=34.77	Pass	
			13	22.47	-5.80	14.52	<=34.77	Pass	
	25	0	22.45	-5.80	14.50	<=34.77	Pass		
	701.5	707.5	1	0	22.60	-5.80	14.65	<=34.77	Pass
13				22.70	-5.80	14.75	<=34.77	Pass	
24				22.74	-5.80	14.79	<=34.77	Pass	
12			0	21.74	-5.80	13.79	<=34.77	Pass	
			6	21.65	-5.80	13.70	<=34.77	Pass	
			13	21.71	-5.80	13.76	<=34.77	Pass	
25			0	21.63	-5.80	13.68	<=34.77	Pass	
713.5			1	0	22.08	-5.80	14.13	<=34.77	Pass
				13	22.09	-5.80	14.14	<=34.77	Pass
		24		22.13	-5.80	14.18	<=34.77	Pass	
		12	0	21.34	-5.80	13.39	<=34.77	Pass	
			6	21.57	-5.80	13.62	<=34.77	Pass	
			13	21.55	-5.80	13.60	<=34.77	Pass	
25		0	21.61	-5.80	13.66	<=34.77	Pass		
707.5		1	0	21.77	-5.80	13.82	<=34.77	Pass	
			13	21.86	-5.80	13.91	<=34.77	Pass	
			24	21.77	-5.80	13.82	<=34.77	Pass	
		12	0	21.51	-5.80	13.56	<=34.77	Pass	
			6	21.44	-5.80	13.49	<=34.77	Pass	
			13	21.48	-5.80	13.53	<=34.77	Pass	
	25	0	21.51	-5.80	13.56	<=34.77	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15

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	23.51	-5.80	15.56	<=34.77	Pass
			25	23.47	-5.80	15.52	<=34.77	Pass
			49	23.49	-5.80	15.54	<=34.77	Pass
		25	0	22.65	-5.80	14.70	<=34.77	Pass
			13	22.54	-5.80	14.59	<=34.77	Pass
			25	22.46	-5.80	14.51	<=34.77	Pass
		50	0	22.61	-5.80	14.66	<=34.77	Pass
			0	23.49	-5.80	15.54	<=34.77	Pass
	707.5	1	25	23.71	-5.80	15.76	<=34.77	Pass
			49	23.58	-5.80	15.63	<=34.77	Pass
			0	22.59	-5.80	14.64	<=34.77	Pass
		25	13	22.52	-5.80	14.57	<=34.77	Pass
			25	22.53	-5.80	14.58	<=34.77	Pass
			0	22.47	-5.80	14.52	<=34.77	Pass

16QAM	711	1	0	23.50	-5.80	15.55	<=34.77	Pass
			25	23.34	-5.80	15.39	<=34.77	Pass
			49	23.41	-5.80	15.46	<=34.77	Pass
		25	0	22.39	-5.80	14.44	<=34.77	Pass
			13	22.47	-5.80	14.52	<=34.77	Pass
			25	22.50	-5.80	14.55	<=34.77	Pass
		50	0	22.32	-5.80	14.37	<=34.77	Pass
	704	1	0	22.37	-5.80	14.42	<=34.77	Pass
			25	22.45	-5.80	14.50	<=34.77	Pass
			49	22.35	-5.80	14.40	<=34.77	Pass
		25	0	21.65	-5.80	13.70	<=34.77	Pass
			13	21.65	-5.80	13.70	<=34.77	Pass
			25	21.66	-5.80	13.71	<=34.77	Pass
		50	0	21.65	-5.80	13.70	<=34.77	Pass
	707.5	1	0	22.21	-5.80	14.26	<=34.77	Pass
			25	22.24	-5.80	14.29	<=34.77	Pass
			49	22.27	-5.80	14.32	<=34.77	Pass
		25	0	21.64	-5.80	13.69	<=34.77	Pass
			13	21.61	-5.80	13.66	<=34.77	Pass
			25	21.63	-5.80	13.68	<=34.77	Pass
		50	0	21.56	-5.80	13.61	<=34.77	Pass
	711	1	0	22.15	-5.80	14.20	<=34.77	Pass
			25	22.43	-5.80	14.48	<=34.77	Pass
			49	22.47	-5.80	14.52	<=34.77	Pass
		25	0	21.46	-5.80	13.51	<=34.77	Pass
			13	21.38	-5.80	13.43	<=34.77	Pass
			25	21.41	-5.80	13.46	<=34.77	Pass
		50	0	21.54	-5.80	13.59	<=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	-48.552	-0.0694	-2.5 to 2.5	Pass
					3.85	-16.265	-0.0232	-2.5 to 2.5	Pass
					4.43	-14.920	-0.0213	-2.5 to 2.5	Pass
				-30	3.85	-45.004	-0.0643	-2.5 to 2.5	Pass
					3.85	-20.199	-0.0289	-2.5 to 2.5	Pass
					3.85	-16.379	-0.0234	-2.5 to 2.5	Pass
				0	3.85	-2.232	-0.0032	-2.5 to 2.5	Pass
					3.85	-24.819	-0.0355	-2.5 to 2.5	Pass
					3.85	-19.398	-0.0277	-2.5 to 2.5	Pass
				40	3.85	-4.420	-0.0063	-2.5 to 2.5	Pass
					3.85	-33.259	-0.0475	-2.5 to 2.5	Pass
					3.85	-33.259	-0.0475	-2.5 to 2.5	Pass
	707.5	6	0	20	3.27	-2.861	-0.0040	-2.5 to 2.5	Pass
					3.85	-42.057	-0.0594	-2.5 to 2.5	Pass
					4.43	-45.962	-0.0650	-2.5 to 2.5	Pass
				-30	3.85	-42.658	-0.0603	-2.5 to 2.5	Pass
					3.85	-20.828	-0.0294	-2.5 to 2.5	Pass
					3.85	-45.404	-0.0642	-2.5 to 2.5	Pass

				0	3.85	-29.140	-0.0412	-2.5 to 2.5	Pass
				10	3.85	-11.072	-0.0156	-2.5 to 2.5	Pass
				30	3.85	-18.525	-0.0262	-2.5 to 2.5	Pass
				40	3.85	-29.454	-0.0416	-2.5 to 2.5	Pass
				50	3.85	-40.298	-0.0570	-2.5 to 2.5	Pass
	715.3	6	0	20	3.27	45.962	0.0643	-2.5 to 2.5	Pass
					3.85	-7.238	-0.0101	-2.5 to 2.5	Pass
					4.43	-36.578	-0.0511	-2.5 to 2.5	Pass
				-30	3.85	-13.833	-0.0193	-2.5 to 2.5	Pass
				-20	3.85	-0.386	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-29.798	-0.0417	-2.5 to 2.5	Pass
				0	3.85	-44.632	-0.0624	-2.5 to 2.5	Pass
				10	3.85	-14.362	-0.0201	-2.5 to 2.5	Pass
				30	3.85	-31.285	-0.0437	-2.5 to 2.5	Pass
				40	3.85	-47.007	-0.0657	-2.5 to 2.5	Pass
				50	3.85	-14.877	-0.0208	-2.5 to 2.5	Pass
16QAM	699.7	6	0	20	3.27	-10.242	-0.0146	-2.5 to 2.5	Pass
					3.85	-18.325	-0.0262	-2.5 to 2.5	Pass
					4.43	-21.844	-0.0312	-2.5 to 2.5	Pass
				-30	3.85	-29.583	-0.0423	-2.5 to 2.5	Pass
				-20	3.85	3.219	0.0046	-2.5 to 2.5	Pass
				-10	3.85	-6.123	-0.0088	-2.5 to 2.5	Pass
				0	3.85	-15.464	-0.0221	-2.5 to 2.5	Pass
				10	3.85	-26.708	-0.0382	-2.5 to 2.5	Pass
				30	3.85	-33.731	-0.0482	-2.5 to 2.5	Pass
				40	3.85	-41.456	-0.0592	-2.5 to 2.5	Pass
				50	3.85	-4.764	-0.0068	-2.5 to 2.5	Pass
	707.5	6	0	20	3.27	-4.778	-0.0068	-2.5 to 2.5	Pass
					3.85	10.271	0.0145	-2.5 to 2.5	Pass
					4.43	23.832	0.0337	-2.5 to 2.5	Pass
				-30	3.85	30.084	0.0425	-2.5 to 2.5	Pass
				-20	3.85	-36.292	-0.0513	-2.5 to 2.5	Pass
				-10	3.85	-18.239	-0.0258	-2.5 to 2.5	Pass
				0	3.85	-48.037	-0.0679	-2.5 to 2.5	Pass
				10	3.85	-31.543	-0.0446	-2.5 to 2.5	Pass
				30	3.85	-14.663	-0.0207	-2.5 to 2.5	Pass
				40	3.85	-18.253	-0.0258	-2.5 to 2.5	Pass
				50	3.85	-6.037	-0.0085	-2.5 to 2.5	Pass
	715.3	6	0	20	3.27	-25.535	-0.0357	-2.5 to 2.5	Pass
					3.85	-2.918	-0.0041	-2.5 to 2.5	Pass
					4.43	11.473	0.0160	-2.5 to 2.5	Pass
				-30	3.85	18.554	0.0259	-2.5 to 2.5	Pass
				-20	3.85	26.736	0.0374	-2.5 to 2.5	Pass
				-10	3.85	30.899	0.0432	-2.5 to 2.5	Pass
				0	3.85	34.218	0.0478	-2.5 to 2.5	Pass
				10	3.85	22.674	0.0317	-2.5 to 2.5	Pass
				30	3.85	22.173	0.0310	-2.5 to 2.5	Pass
				40	3.85	23.532	0.0329	-2.5 to 2.5	Pass
				50	3.85	21.744	0.0304	-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	-39.110	-0.0558	-2.5 to 2.5	Pass
					3.85	-39.854	-0.0569	-2.5 to 2.5	Pass

16QAM	707.5	15	0		4.43	-23.675	-0.0338	-2.5 to 2.5	Pass
				-30	3.85	-27.394	-0.0391	-2.5 to 2.5	Pass
				-20	3.85	-38.738	-0.0553	-2.5 to 2.5	Pass
				-10	3.85	-48.409	-0.0691	-2.5 to 2.5	Pass
				0	3.85	-42.529	-0.0607	-2.5 to 2.5	Pass
				10	3.85	-27.623	-0.0394	-2.5 to 2.5	Pass
				30	3.85	-12.732	-0.0182	-2.5 to 2.5	Pass
				40	3.85	-43.087	-0.0615	-2.5 to 2.5	Pass
				50	3.85	-18.797	-0.0268	-2.5 to 2.5	Pass
	714.5	15	0	20	3.27	31.085	0.0439	-2.5 to 2.5	Pass
				20	3.85	-8.841	-0.0125	-2.5 to 2.5	Pass
					4.43	-55.203	-0.0780	-2.5 to 2.5	Pass
				-30	3.85	-6.251	-0.0088	-2.5 to 2.5	Pass
				-20	3.85	-50.826	-0.0718	-2.5 to 2.5	Pass
				-10	3.85	-49.424	-0.0699	-2.5 to 2.5	Pass
				0	3.85	-37.251	-0.0527	-2.5 to 2.5	Pass
				10	3.85	-9.742	-0.0138	-2.5 to 2.5	Pass
				30	3.85	-27.738	-0.0392	-2.5 to 2.5	Pass
	714.5	15	0	40	3.85	-44.303	-0.0626	-2.5 to 2.5	Pass
				50	3.85	-27.952	-0.0395	-2.5 to 2.5	Pass
				20	3.27	9.599	0.0134	-2.5 to 2.5	Pass
				20	3.85	25.177	0.0352	-2.5 to 2.5	Pass
					4.43	48.008	0.0672	-2.5 to 2.5	Pass
				-30	3.85	17.581	0.0246	-2.5 to 2.5	Pass
				-20	3.85	26.751	0.0374	-2.5 to 2.5	Pass
				-10	3.85	35.434	0.0496	-2.5 to 2.5	Pass
				0	3.85	-0.358	-0.0005	-2.5 to 2.5	Pass
16QAM	700.5	15	0	10	3.85	2.103	0.0029	-2.5 to 2.5	Pass
				30	3.85	2.160	0.0030	-2.5 to 2.5	Pass
				40	3.85	2.861	0.0040	-2.5 to 2.5	Pass
				50	3.85	6.752	0.0094	-2.5 to 2.5	Pass
				20	3.27	-25.148	-0.0359	-2.5 to 2.5	Pass
				20	3.85	-17.366	-0.0248	-2.5 to 2.5	Pass
					4.43	-11.902	-0.0170	-2.5 to 2.5	Pass
				-30	3.85	-10.471	-0.0149	-2.5 to 2.5	Pass
				-20	3.85	-10.128	-0.0145	-2.5 to 2.5	Pass
	707.5	15	0	-10	3.85	-13.833	-0.0197	-2.5 to 2.5	Pass
				0	3.85	-27.251	-0.0389	-2.5 to 2.5	Pass
				10	3.85	-32.902	-0.0470	-2.5 to 2.5	Pass
				30	3.85	-37.966	-0.0542	-2.5 to 2.5	Pass
				40	3.85	-39.182	-0.0559	-2.5 to 2.5	Pass
				50	3.85	-43.874	-0.0626	-2.5 to 2.5	Pass
				20	3.27	-38.509	-0.0544	-2.5 to 2.5	Pass
				20	3.85	-28.582	-0.0404	-2.5 to 2.5	Pass
					4.43	-18.926	-0.0268	-2.5 to 2.5	Pass
	714.5	15	0	-30	3.85	-19.426	-0.0275	-2.5 to 2.5	Pass
				-20	3.85	-17.266	-0.0244	-2.5 to 2.5	Pass
				-10	3.85	-16.308	-0.0231	-2.5 to 2.5	Pass
				0	3.85	-15.793	-0.0223	-2.5 to 2.5	Pass
				10	3.85	10.972	0.0155	-2.5 to 2.5	Pass
				30	3.85	16.580	0.0234	-2.5 to 2.5	Pass
				40	3.85	7.682	0.0109	-2.5 to 2.5	Pass
				50	3.85	-11.015	-0.0156	-2.5 to 2.5	Pass
				20	3.27	7.896	0.0111	-2.5 to 2.5	Pass
	714.5	15	0	20	3.85	25.349	0.0355	-2.5 to 2.5	Pass
					4.43	45.748	0.0640	-2.5 to 2.5	Pass
				-30	3.85	3.662	0.0051	-2.5 to 2.5	Pass
				-20	3.85	11.158	0.0156	-2.5 to 2.5	Pass
				-10	3.85	44.847	0.0628	-2.5 to 2.5	Pass

				0	3.85	8.898	0.0125	-2.5 to 2.5	Pass
				10	3.85	23.031	0.0322	-2.5 to 2.5	Pass
				30	3.85	25.620	0.0359	-2.5 to 2.5	Pass
				40	3.85	38.238	0.0535	-2.5 to 2.5	Pass
				50	3.85	43.573	0.0610	-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	-33.574	-0.0479	-2.5 to 2.5	Pass
					3.85	-27.466	-0.0392	-2.5 to 2.5	Pass
					4.43	-19.369	-0.0276	-2.5 to 2.5	Pass
				-30	3.85	-17.695	-0.0252	-2.5 to 2.5	Pass
				-20	3.85	-40.340	-0.0575	-2.5 to 2.5	Pass
				-10	3.85	-28.567	-0.0407	-2.5 to 2.5	Pass
				0	3.85	-37.451	-0.0534	-2.5 to 2.5	Pass
				10	3.85	-11.387	-0.0162	-2.5 to 2.5	Pass
				30	3.85	-45.147	-0.0644	-2.5 to 2.5	Pass
				40	3.85	-12.231	-0.0174	-2.5 to 2.5	Pass
				50	3.85	-29.268	-0.0417	-2.5 to 2.5	Pass
	707.5	25	0	20	3.27	-18.768	-0.0265	-2.5 to 2.5	Pass
					3.85	-20.442	-0.0289	-2.5 to 2.5	Pass
					4.43	-29.140	-0.0412	-2.5 to 2.5	Pass
				-30	3.85	-31.500	-0.0445	-2.5 to 2.5	Pass
				-20	3.85	-35.334	-0.0499	-2.5 to 2.5	Pass
				-10	3.85	-14.219	-0.0201	-2.5 to 2.5	Pass
				0	3.85	-37.065	-0.0524	-2.5 to 2.5	Pass
				10	3.85	-7.424	-0.0105	-2.5 to 2.5	Pass
				30	3.85	-36.807	-0.0520	-2.5 to 2.5	Pass
				40	3.85	-22.888	-0.0324	-2.5 to 2.5	Pass
				50	3.85	-39.554	-0.0559	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	23.060	0.0323	-2.5 to 2.5	Pass
					3.85	41.943	0.0588	-2.5 to 2.5	Pass
					4.43	3.619	0.0051	-2.5 to 2.5	Pass
				-30	3.85	7.639	0.0107	-2.5 to 2.5	Pass
				-20	3.85	13.504	0.0189	-2.5 to 2.5	Pass
				-10	3.85	18.411	0.0258	-2.5 to 2.5	Pass
				0	3.85	23.904	0.0335	-2.5 to 2.5	Pass
				10	3.85	23.103	0.0324	-2.5 to 2.5	Pass
				30	3.85	26.751	0.0375	-2.5 to 2.5	Pass
				40	3.85	31.242	0.0438	-2.5 to 2.5	Pass
				50	3.85	33.188	0.0465	-2.5 to 2.5	Pass
16QAM	701.5	25	0	20	3.27	-42.958	-0.0612	-2.5 to 2.5	Pass
					3.85	-34.404	-0.0490	-2.5 to 2.5	Pass
					4.43	-22.130	-0.0315	-2.5 to 2.5	Pass
				-30	3.85	-16.737	-0.0239	-2.5 to 2.5	Pass
				-20	3.85	-31.672	-0.0451	-2.5 to 2.5	Pass
				-10	3.85	-22.044	-0.0314	-2.5 to 2.5	Pass
				0	3.85	-22.244	-0.0317	-2.5 to 2.5	Pass
				10	3.85	-23.932	-0.0341	-2.5 to 2.5	Pass
				30	3.85	-24.090	-0.0343	-2.5 to 2.5	Pass
				40	3.85	-32.687	-0.0466	-2.5 to 2.5	Pass
				50	3.85	-35.448	-0.0505	-2.5 to 2.5	Pass
	707.5	25	0	20	3.27	-40.970	-0.0579	-2.5 to 2.5	Pass
					3.85	-23.661	-0.0334	-2.5 to 2.5	Pass

					4.43	-7.854	-0.0111	-2.5 to 2.5	Pass
				-30	3.85	-0.572	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	2.804	0.0040	-2.5 to 2.5	Pass
				-10	3.85	32.072	0.0453	-2.5 to 2.5	Pass
				0	3.85	39.096	0.0553	-2.5 to 2.5	Pass
				10	3.85	43.144	0.0610	-2.5 to 2.5	Pass
				30	3.85	45.748	0.0647	-2.5 to 2.5	Pass
				40	3.85	45.018	0.0636	-2.5 to 2.5	Pass
				50	3.85	46.163	0.0652	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-38.552	-0.0540	-2.5 to 2.5	Pass
					3.85	4.549	0.0064	-2.5 to 2.5	Pass
					4.43	32.973	0.0462	-2.5 to 2.5	Pass
				-30	3.85	1.173	0.0016	-2.5 to 2.5	Pass
				-20	3.85	17.738	0.0249	-2.5 to 2.5	Pass
				-10	3.85	31.242	0.0438	-2.5 to 2.5	Pass
				0	3.85	39.854	0.0559	-2.5 to 2.5	Pass
				10	3.85	30.785	0.0431	-2.5 to 2.5	Pass
				30	3.85	28.911	0.0405	-2.5 to 2.5	Pass
				40	3.85	34.390	0.0482	-2.5 to 2.5	Pass
				50	3.85	41.685	0.0584	-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	-27.981	-0.0397	-2.5 to 2.5	Pass
					3.85	-32.287	-0.0459	-2.5 to 2.5	Pass
					4.43	-29.840	-0.0424	-2.5 to 2.5	Pass
				-30	3.85	-19.097	-0.0271	-2.5 to 2.5	Pass
				-20	3.85	-42.157	-0.0599	-2.5 to 2.5	Pass
				-10	3.85	-35.348	-0.0502	-2.5 to 2.5	Pass
				0	3.85	-43.488	-0.0618	-2.5 to 2.5	Pass
				10	3.85	-18.411	-0.0262	-2.5 to 2.5	Pass
				30	3.85	-40.627	-0.0577	-2.5 to 2.5	Pass
				40	3.85	-12.717	-0.0181	-2.5 to 2.5	Pass
				50	3.85	-25.592	-0.0364	-2.5 to 2.5	Pass
	707.5	50	0	20	3.27	8.883	0.0126	-2.5 to 2.5	Pass
					3.85	-15.335	-0.0217	-2.5 to 2.5	Pass
					4.43	-29.597	-0.0418	-2.5 to 2.5	Pass
				-30	3.85	-20.370	-0.0288	-2.5 to 2.5	Pass
				-20	3.85	-38.080	-0.0538	-2.5 to 2.5	Pass
				-10	3.85	-21.772	-0.0308	-2.5 to 2.5	Pass
				0	3.85	-36.964	-0.0522	-2.5 to 2.5	Pass
				10	3.85	-33.889	-0.0479	-2.5 to 2.5	Pass
				30	3.85	-7.682	-0.0109	-2.5 to 2.5	Pass
				40	3.85	-24.261	-0.0343	-2.5 to 2.5	Pass
				50	3.85	-29.211	-0.0413	-2.5 to 2.5	Pass
	711	50	0	20	3.27	22.774	0.0320	-2.5 to 2.5	Pass
					3.85	-4.020	-0.0057	-2.5 to 2.5	Pass
					4.43	-29.726	-0.0418	-2.5 to 2.5	Pass
				-30	3.85	-18.067	-0.0254	-2.5 to 2.5	Pass
				-20	3.85	-17.810	-0.0250	-2.5 to 2.5	Pass
				-10	3.85	-18.282	-0.0257	-2.5 to 2.5	Pass
				0	3.85	-19.212	-0.0270	-2.5 to 2.5	Pass
				10	3.85	-19.770	-0.0278	-2.5 to 2.5	Pass
				30	3.85	-34.375	-0.0483	-2.5 to 2.5	Pass

16QAM	704	50	0	40	3.85	-35.319	-0.0497	-2.5 to 2.5	Pass
				50	3.85	-35.591	-0.0501	-2.5 to 2.5	Pass
				20	3.27	-36.492	-0.0518	-2.5 to 2.5	Pass
					3.85	12.445	0.0177	-2.5 to 2.5	Pass
				-30	4.43	24.848	0.0353	-2.5 to 2.5	Pass
					3.85	35.648	0.0506	-2.5 to 2.5	Pass
				-20	3.85	-0.343	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-6.337	-0.0090	-2.5 to 2.5	Pass
				0	3.85	-11.272	-0.0160	-2.5 to 2.5	Pass
				10	3.85	-19.999	-0.0284	-2.5 to 2.5	Pass
	707.5	50	0	30	3.85	-18.282	-0.0260	-2.5 to 2.5	Pass
				40	3.85	-15.879	-0.0226	-2.5 to 2.5	Pass
				50	3.85	-14.262	-0.0203	-2.5 to 2.5	Pass
				20	3.27	-30.141	-0.0426	-2.5 to 2.5	Pass
					3.85	-12.503	-0.0177	-2.5 to 2.5	Pass
				-30	4.43	4.106	0.0058	-2.5 to 2.5	Pass
					3.85	27.137	0.0384	-2.5 to 2.5	Pass
				-20	3.85	41.084	0.0581	-2.5 to 2.5	Pass
				-10	3.85	-1.416	-0.0020	-2.5 to 2.5	Pass
				0	3.85	7.381	0.0104	-2.5 to 2.5	Pass
	711	50	0	10	3.85	14.119	0.0200	-2.5 to 2.5	Pass
				30	3.85	-6.781	-0.0096	-2.5 to 2.5	Pass
				40	3.85	3.920	0.0055	-2.5 to 2.5	Pass
				50	3.85	11.845	0.0167	-2.5 to 2.5	Pass
				20	3.27	-28.911	-0.0407	-2.5 to 2.5	Pass
					3.85	-9.198	-0.0129	-2.5 to 2.5	Pass
				-30	4.43	12.417	0.0175	-2.5 to 2.5	Pass
					3.85	24.519	0.0345	-2.5 to 2.5	Pass
				-20	3.85	3.633	0.0051	-2.5 to 2.5	Pass
				-10	3.85	17.695	0.0249	-2.5 to 2.5	Pass
				0	3.85	28.310	0.0398	-2.5 to 2.5	Pass
				10	3.85	37.994	0.0534	-2.5 to 2.5	Pass
				30	3.85	41.213	0.0580	-2.5 to 2.5	Pass
				40	3.85	46.721	0.0657	-2.5 to 2.5	Pass
				50	3.85	32.701	0.0460	-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

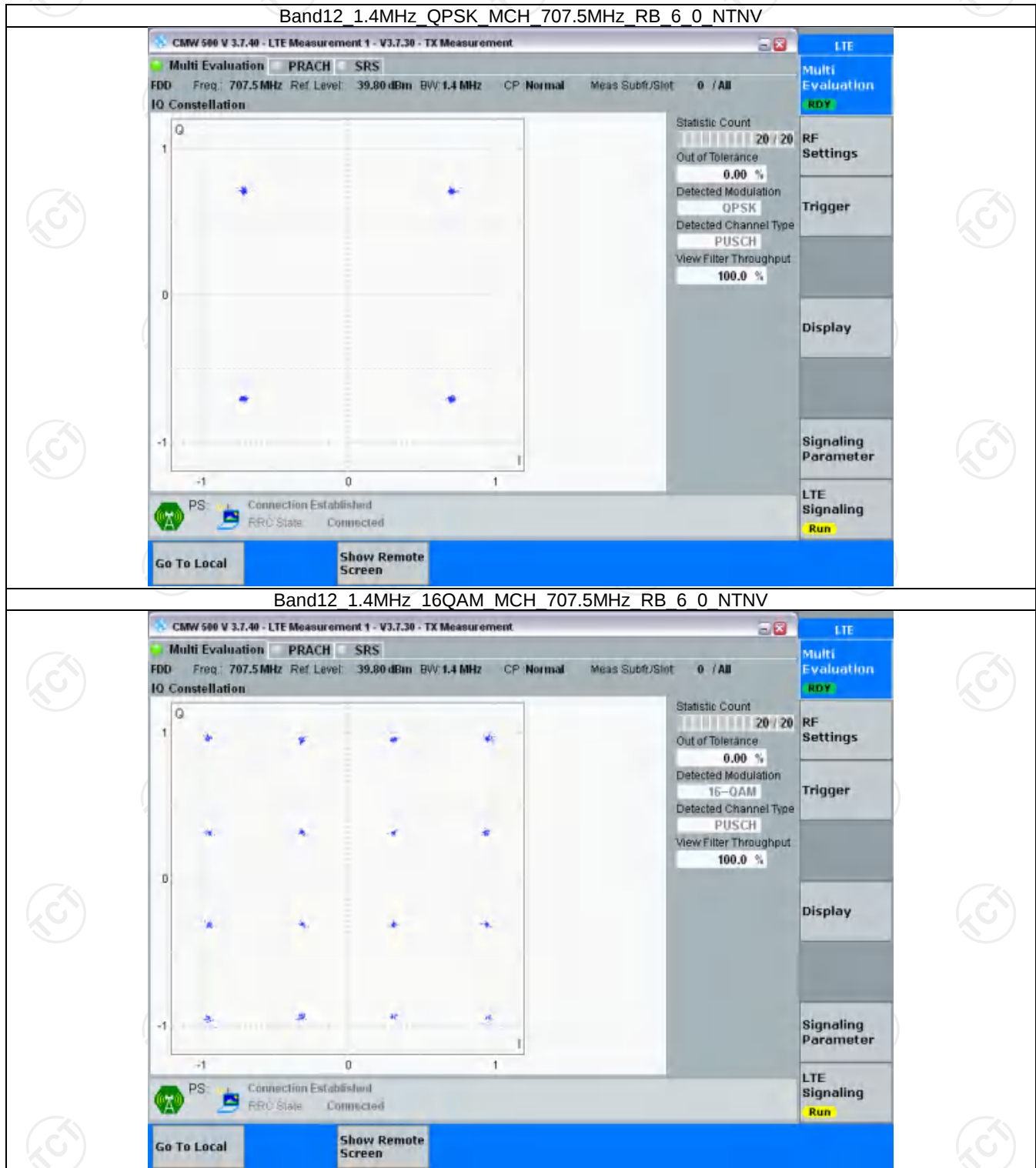
Band: 12 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	707.5	25	0	Refer To Test Graph		Pass
16QAM	707.5	25	0	Refer To Test Graph		Pass

3.1.4 B12_10MHz

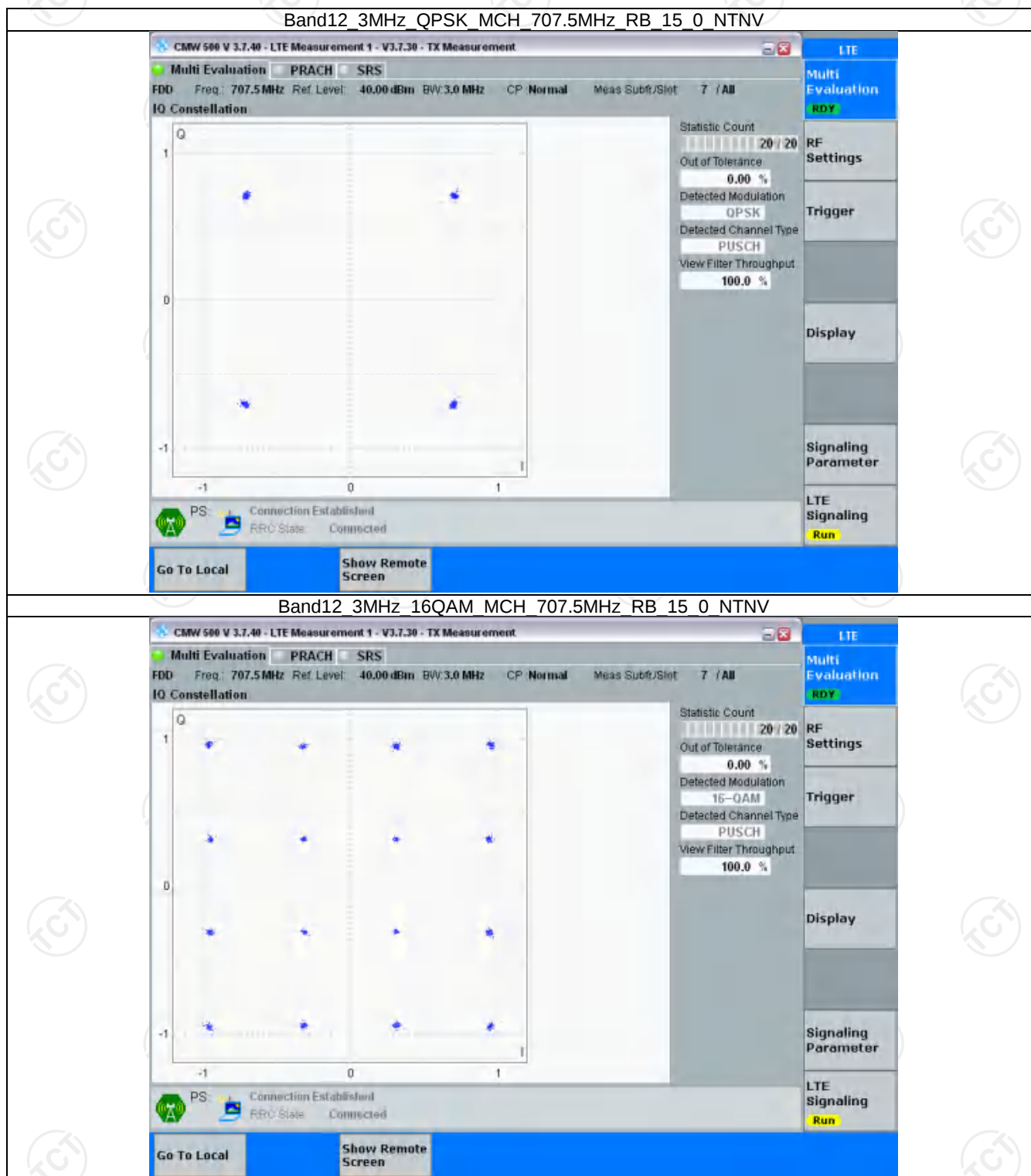
Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	707.5	50	0	Refer To Test Graph		Pass
16QAM	707.5	50	0	Refer To Test Graph		Pass

3.2 Test Graph

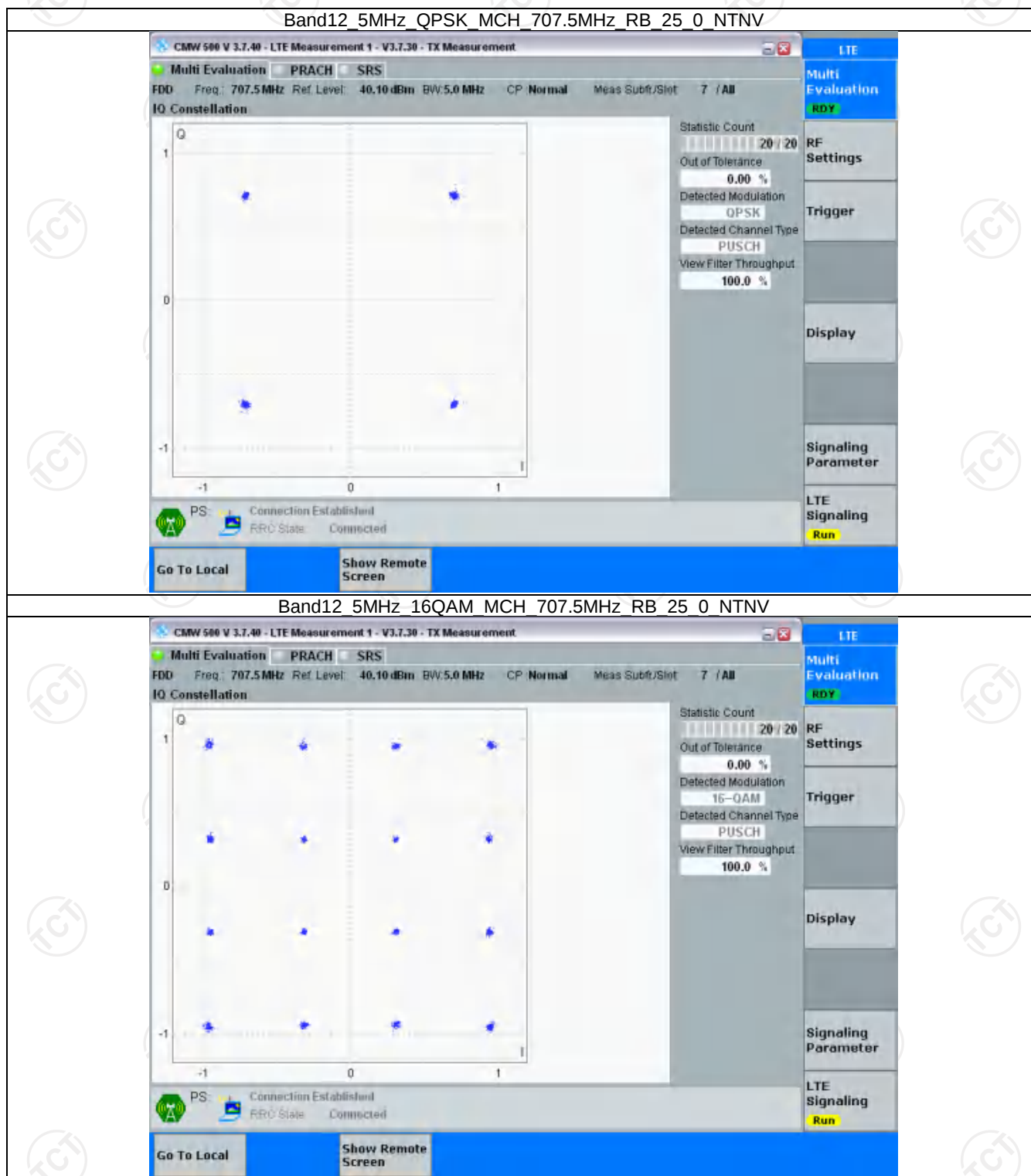
3.2.1 B12_1.4MHz



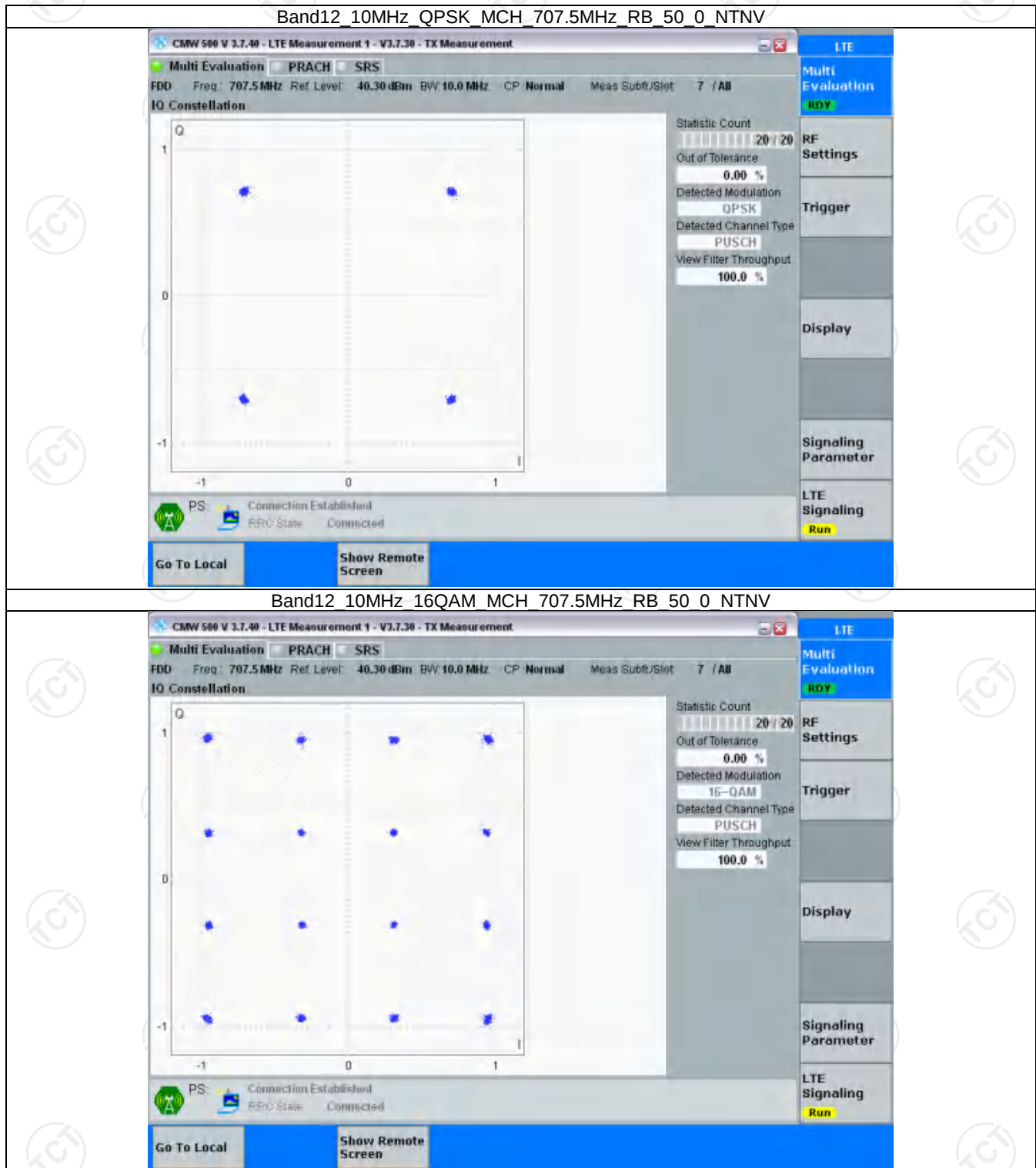
3.2.2 B12_3MHz



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	1.110	/	Pass
		707.5	6	0	1.122	/	Pass
		715.3	6	0	1.108	/	Pass
	16QAM	699.7	6	0	1.118	/	Pass
		707.5	6	0	1.113	/	Pass
		715.3	6	0	1.108	/	Pass
3	QPSK	700.5	15	0	2.744	/	Pass
		707.5	15	0	2.755	/	Pass
		714.5	15	0	2.764	/	Pass
	16QAM	700.5	15	0	2.754	/	Pass
		707.5	15	0	2.752	/	Pass
		714.5	15	0	2.771	/	Pass
5	QPSK	701.5	25	0	4.543	/	Pass
		707.5	25	0	4.551	/	Pass
		713.5	25	0	4.550	/	Pass
	16QAM	701.5	25	0	4.557	/	Pass
		707.5	25	0	4.565	/	Pass
		713.5	25	0	4.545	/	Pass
10	QPSK	704	50	0	9.079	/	Pass
		707.5	50	0	9.074	/	Pass
		711	50	0	9.053	/	Pass
	16QAM	704	50	0	9.067	/	Pass
		707.5	50	0	9.095	/	Pass
		711	50	0	9.038	/	Pass

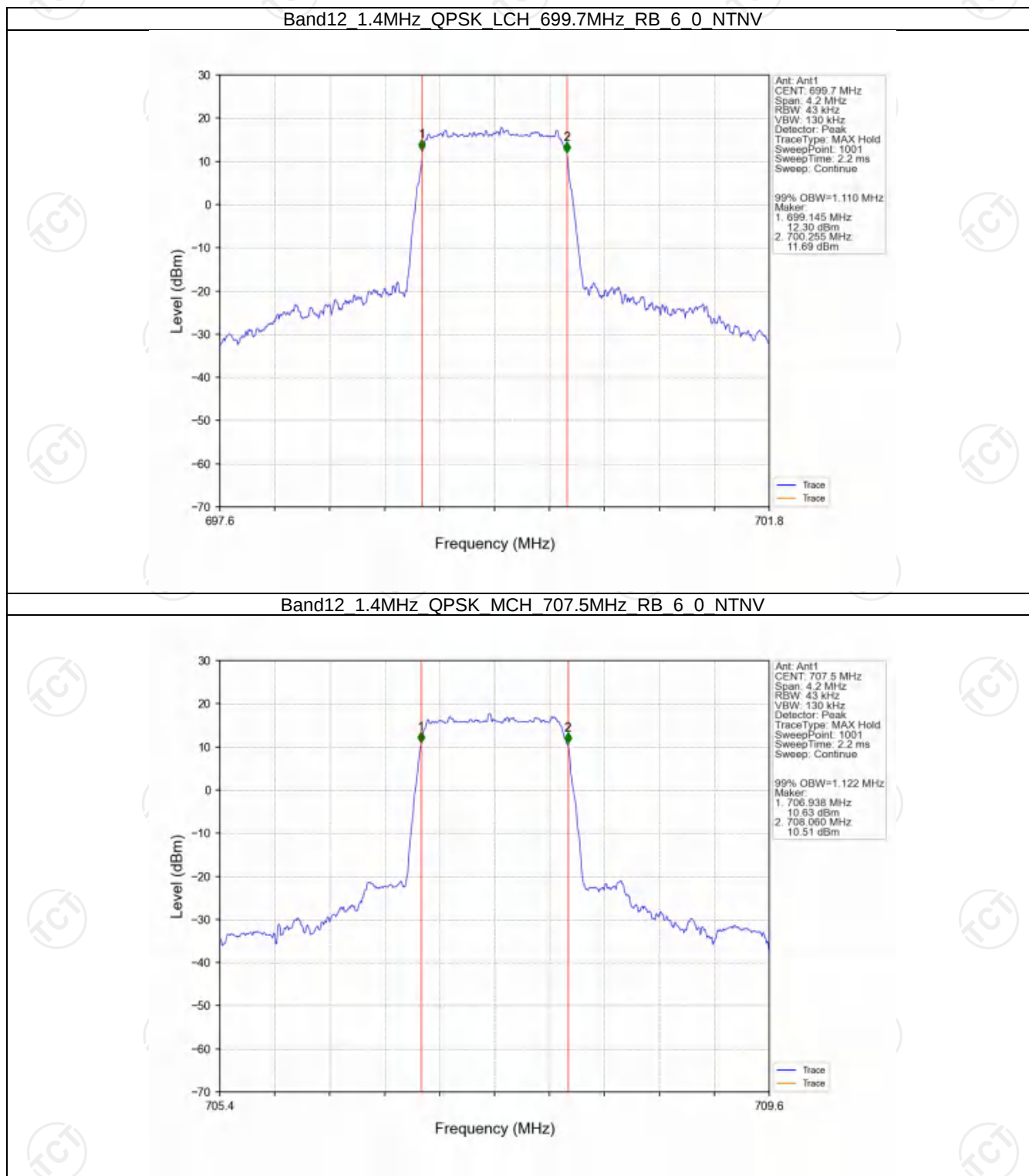
4.1.2 Band12_XDB

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	1.272	/	Pass
		707.5	6	0	1.269	/	Pass
		715.3	6	0	1.271	/	Pass
	16QAM	699.7	6	0	1.274	/	Pass
		707.5	6	0	1.273	/	Pass
		715.3	6	0	1.264	/	Pass
3	QPSK	700.5	15	0	3.000	/	Pass
		707.5	15	0	3.094	/	Pass
		714.5	15	0	3.100	/	Pass
	16QAM	700.5	15	0	3.141	/	Pass
		707.5	15	0	3.080	/	Pass
		714.5	15	0	3.104	/	Pass
5	QPSK	701.5	25	0	5.056	/	Pass
		707.5	25	0	5.065	/	Pass
		713.5	25	0	5.035	/	Pass

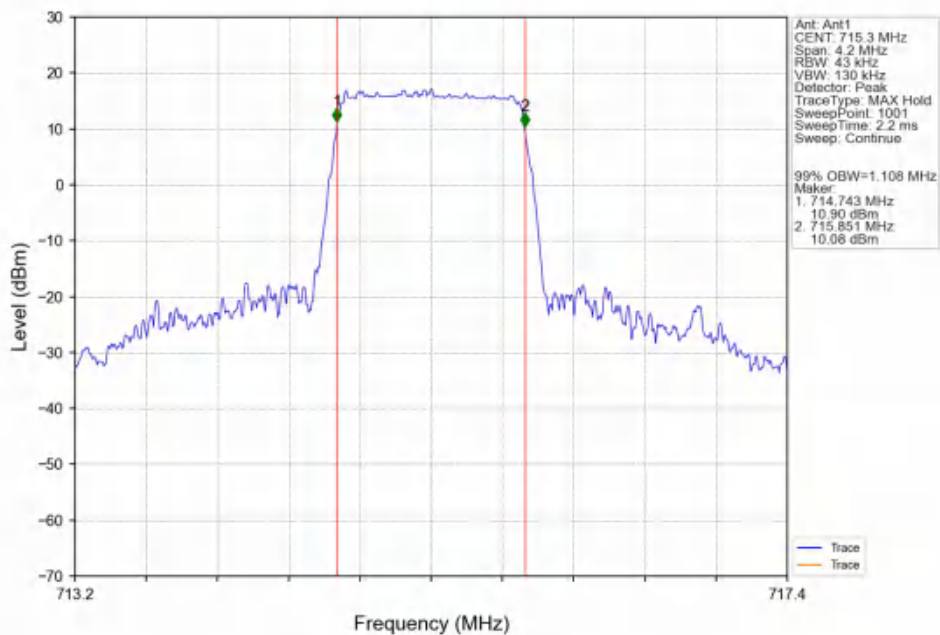
10	16QAM	701.5	25	0	5.037	/	Pass
		707.5	25	0	5.062	/	Pass
		713.5	25	0	5.054	/	Pass
	QPSK	704	50	0	10.073	/	Pass
		707.5	50	0	10.045	/	Pass
		711	50	0	10.006	/	Pass
	16QAM	704	50	0	10.058	/	Pass
		707.5	50	0	10.066	/	Pass
		711	50	0	10.030	/	Pass

4.2 Test Graph

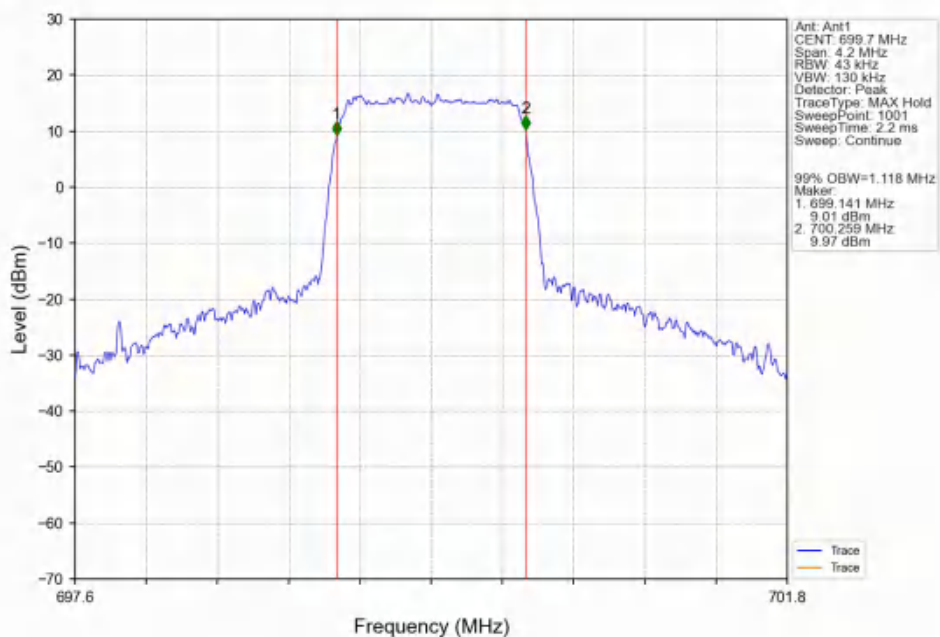
4.2.1 Band12_OBW



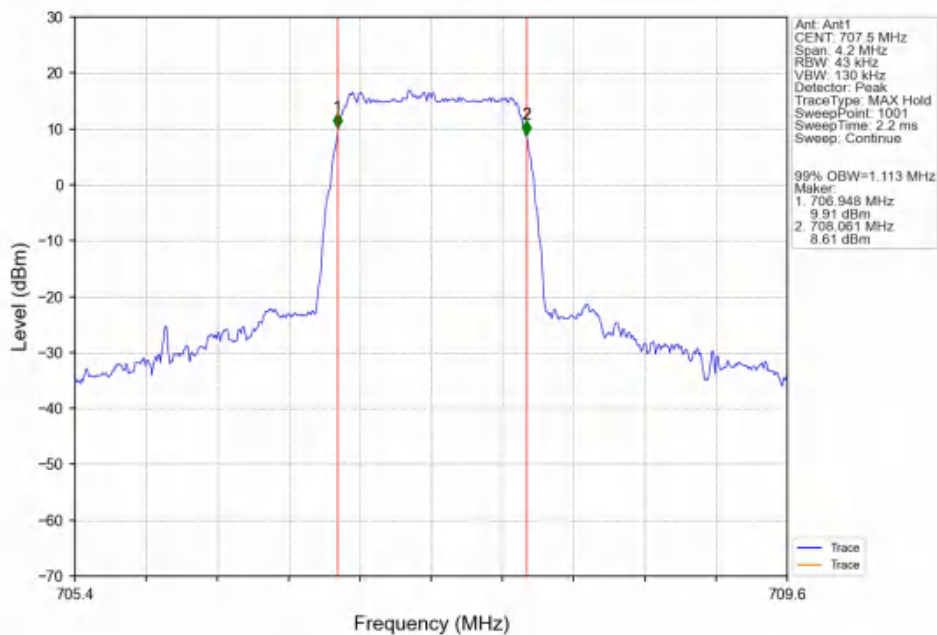
Band12 1.4MHz QPSK HCH 715.3MHz RB 6 0 NTV



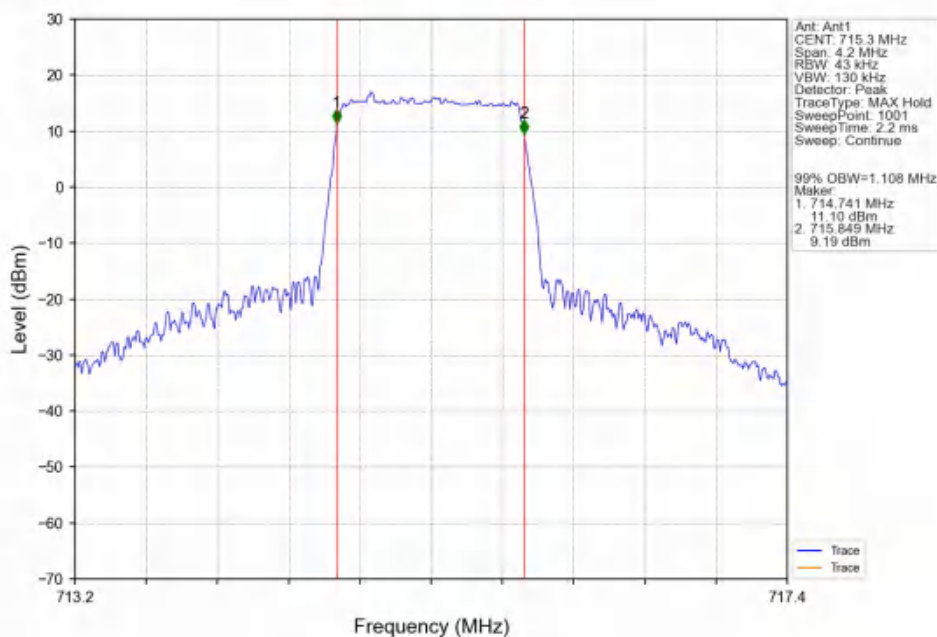
Band12 1.4MHz 16QAM LCH 699.7MHz RB 6 0 NTV



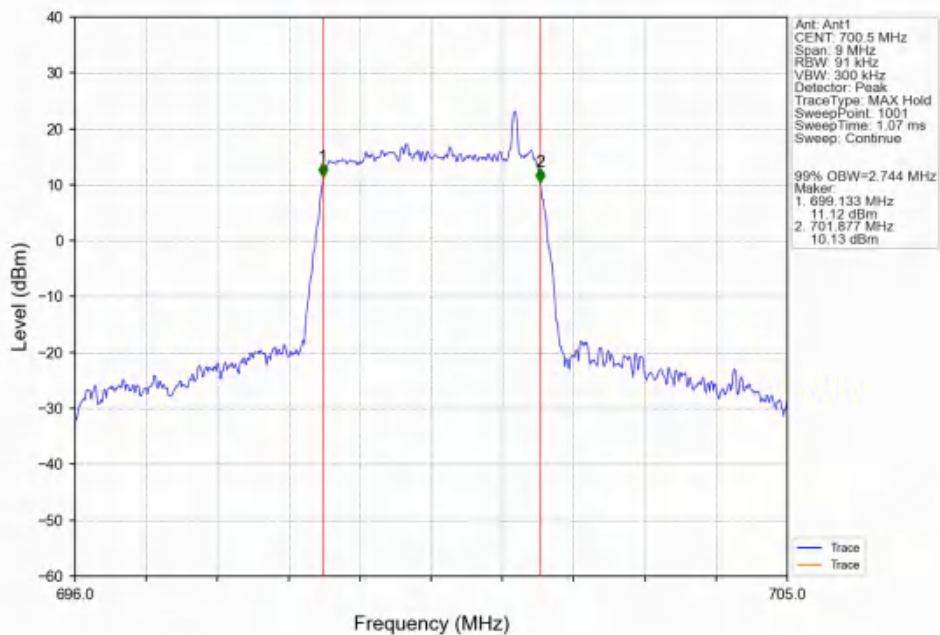
Band12 1.4MHz 16QAM MCH 707.5MHz RB 6 0 NTNV



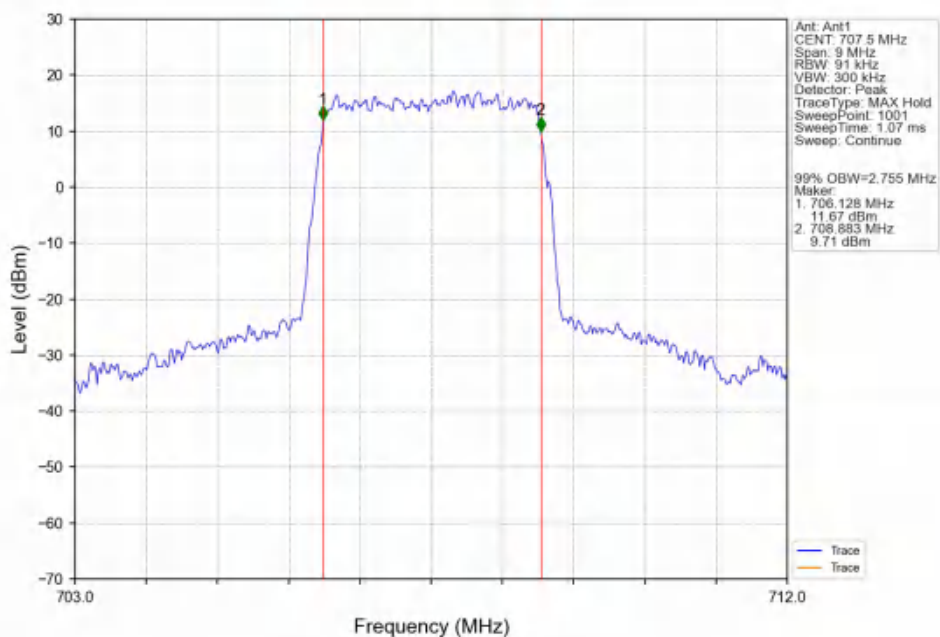
Band12 1.4MHz 16QAM HCH 715.3MHz RB 6 0 NTNV



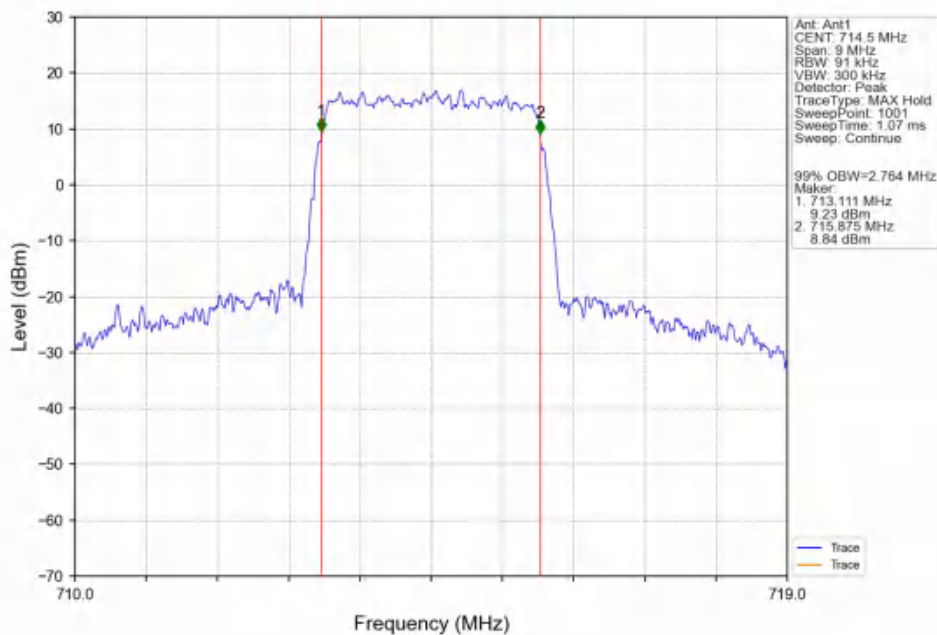
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



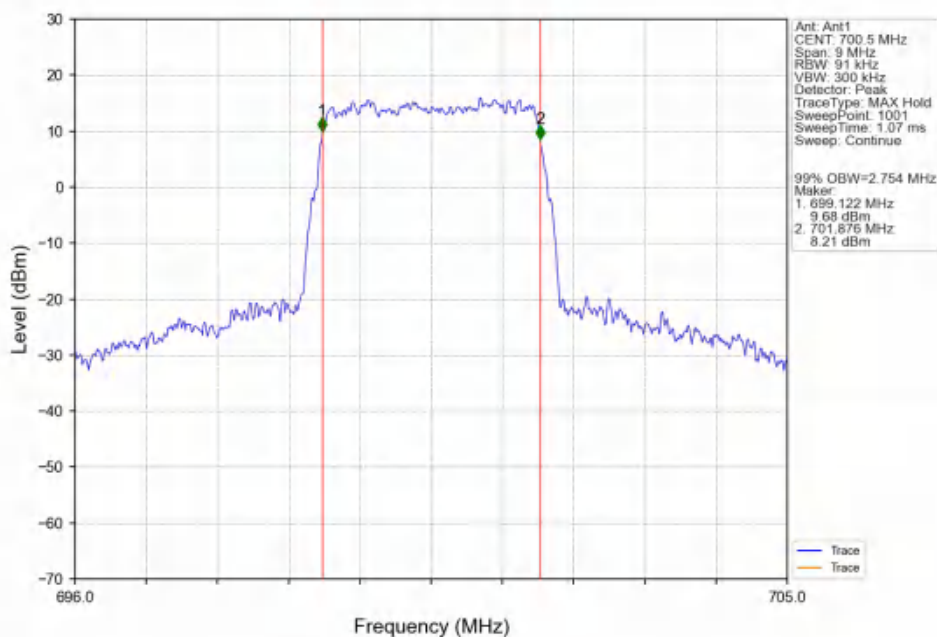
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



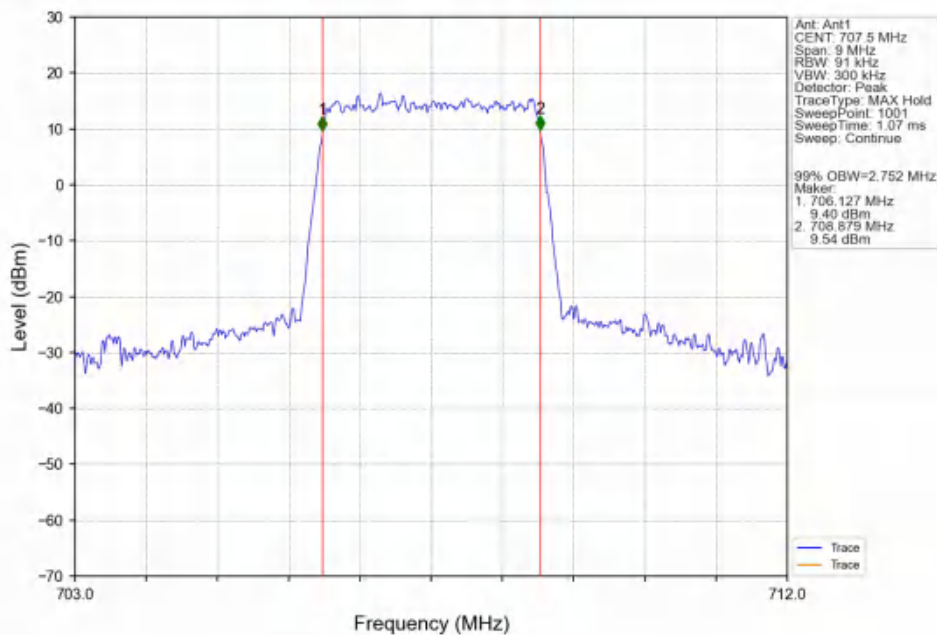
Band12 3MHz QPSK HCH 714.5MHz RB 15 0 NTNV



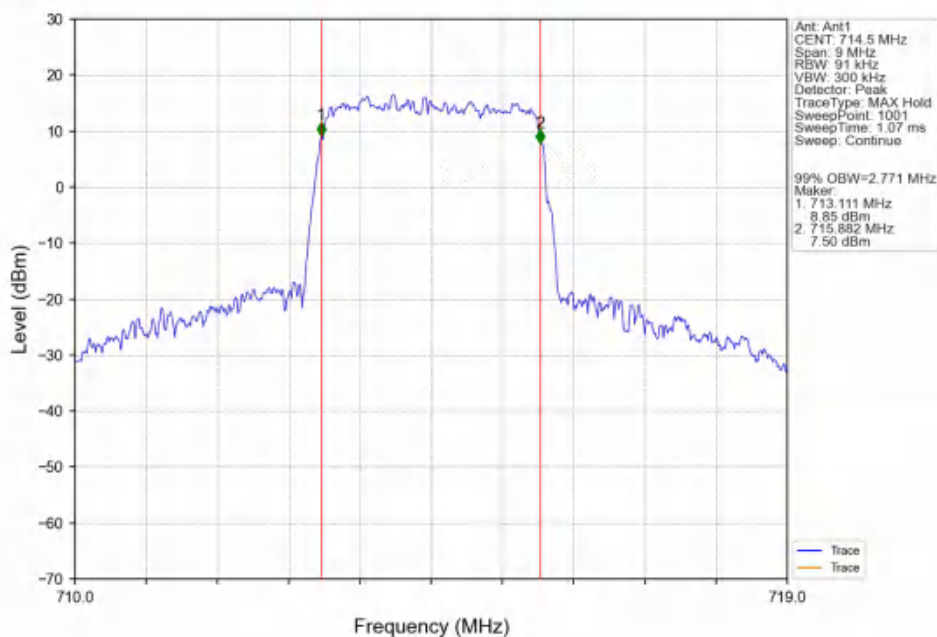
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



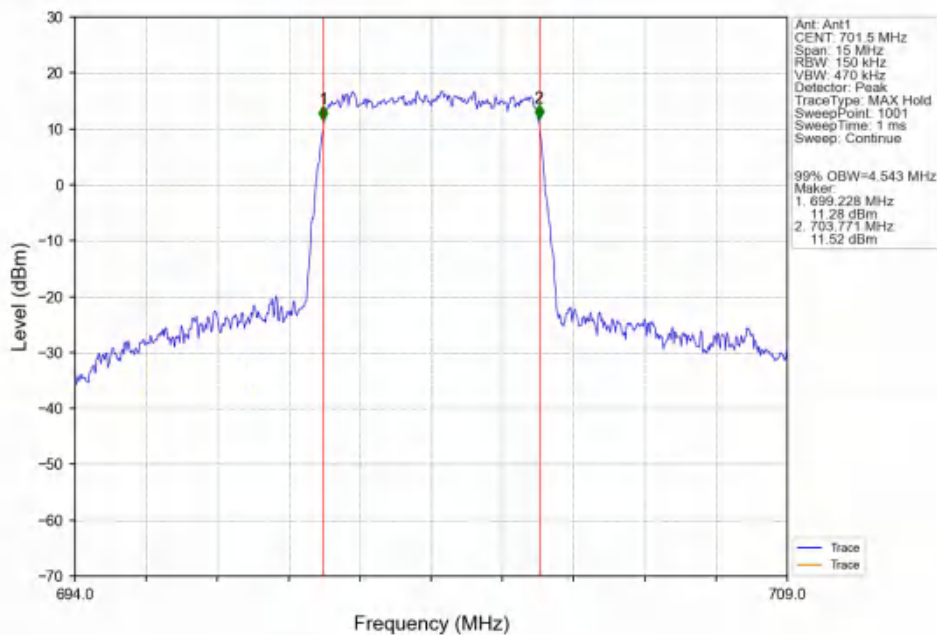
Band12 3MHz 16QAM MCH 707.5MHz RB 15 0 NTNV



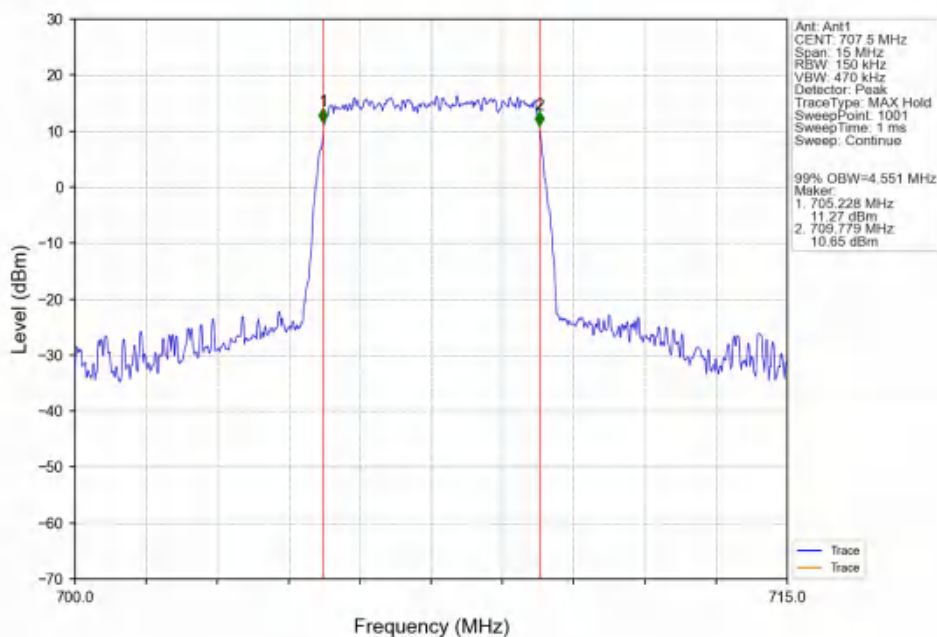
Band12 3MHz 16QAM HCH 714.5MHz RB 15 0 NTNV



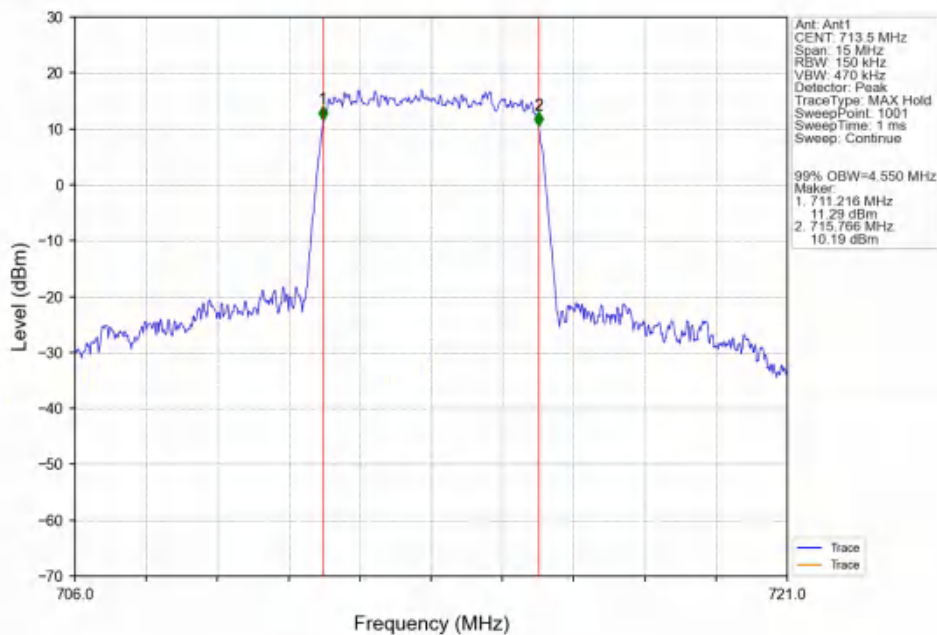
Band12 5MHz QPSK LCH 701.5MHz RB 25 0 NTNV



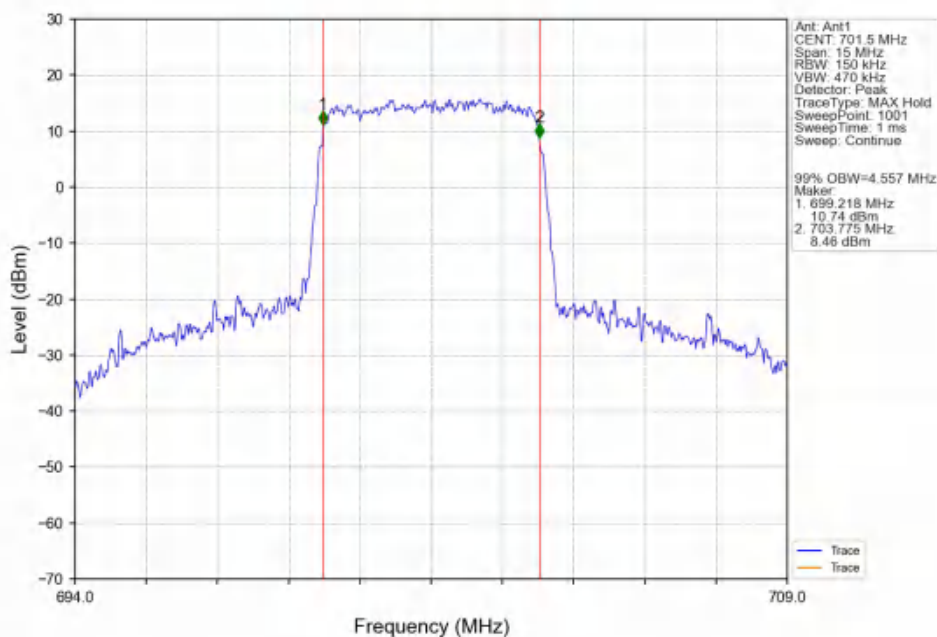
Band12 5MHz QPSK MCH 707.5MHz RB 25 0 NTNV



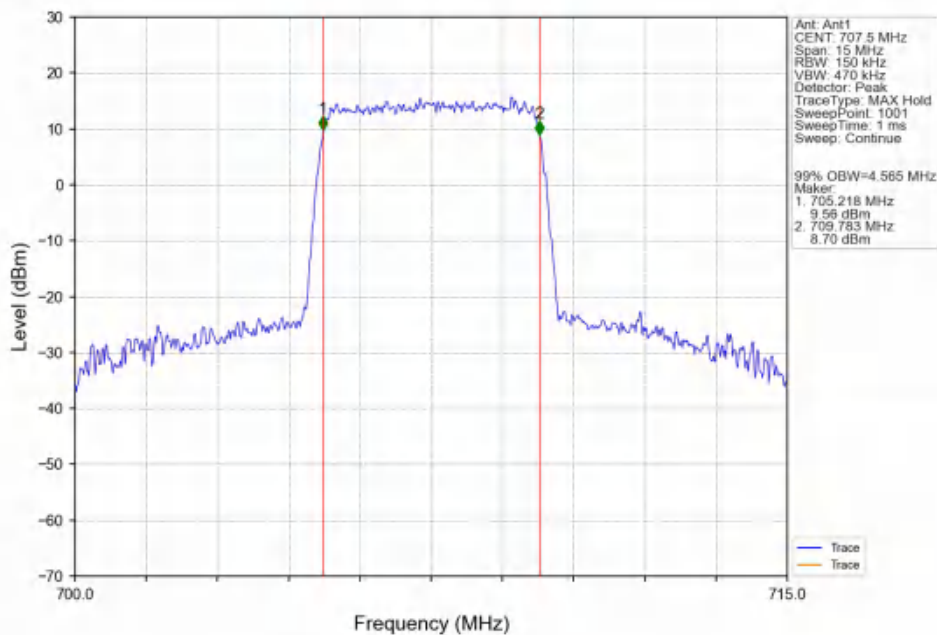
Band12 5MHz QPSK HCH 713.5MHz RB 25 0 NTN



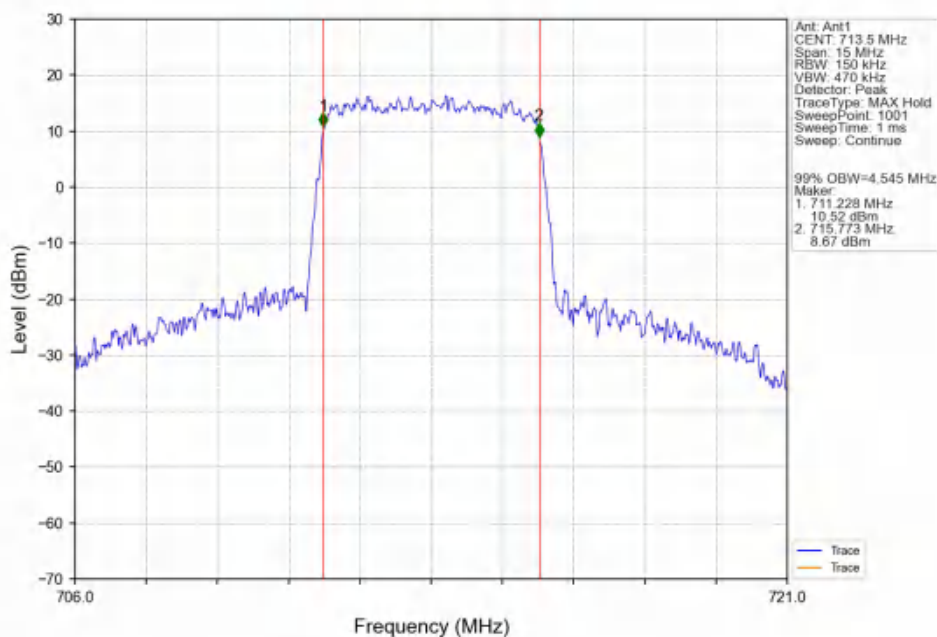
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0 NTN



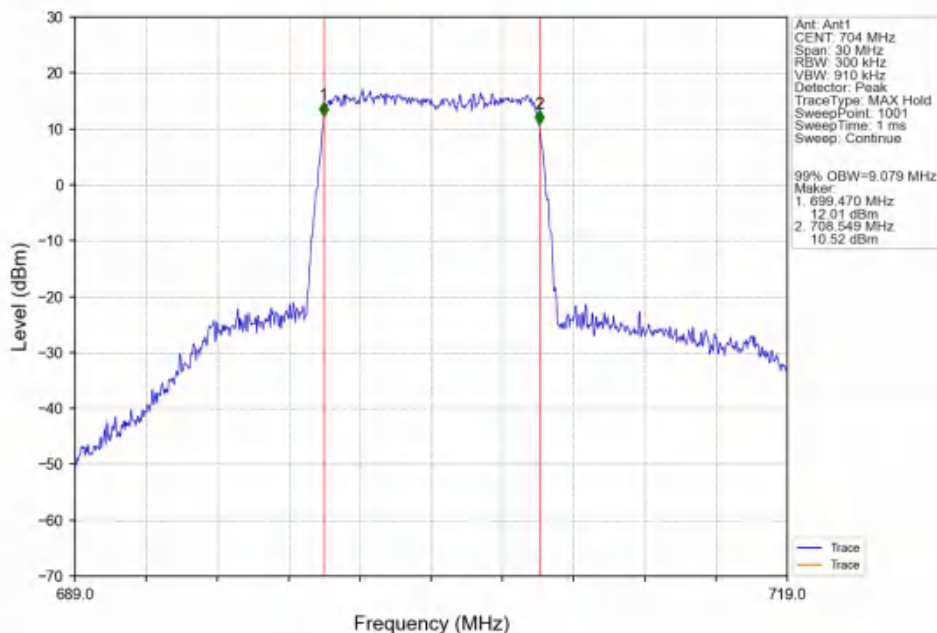
Band12 5MHz 16QAM MCH 707.5MHz RB 25 0 NTNV



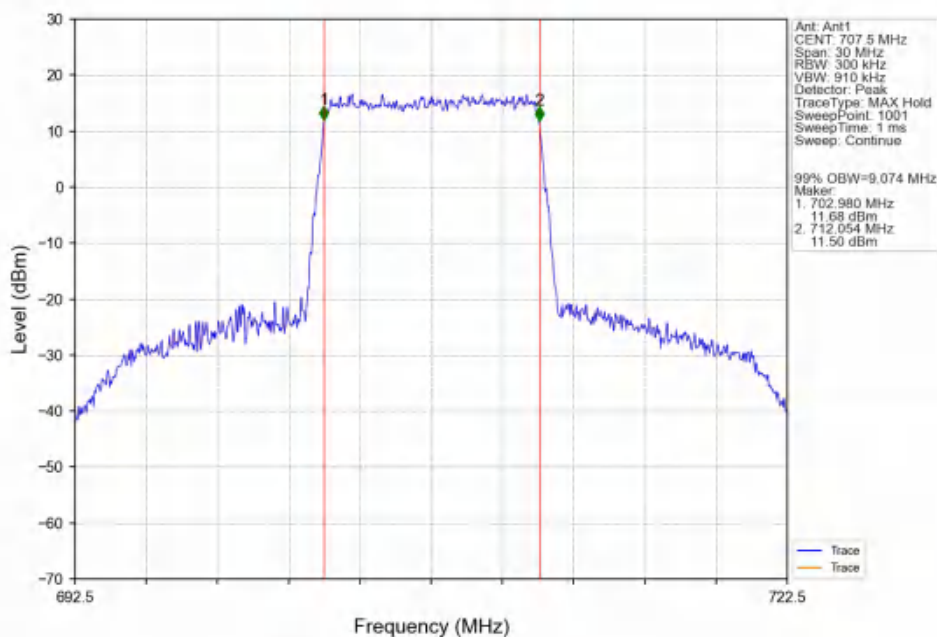
Band12 5MHz 16QAM HCH 713.5MHz RB 25 0 NTNV



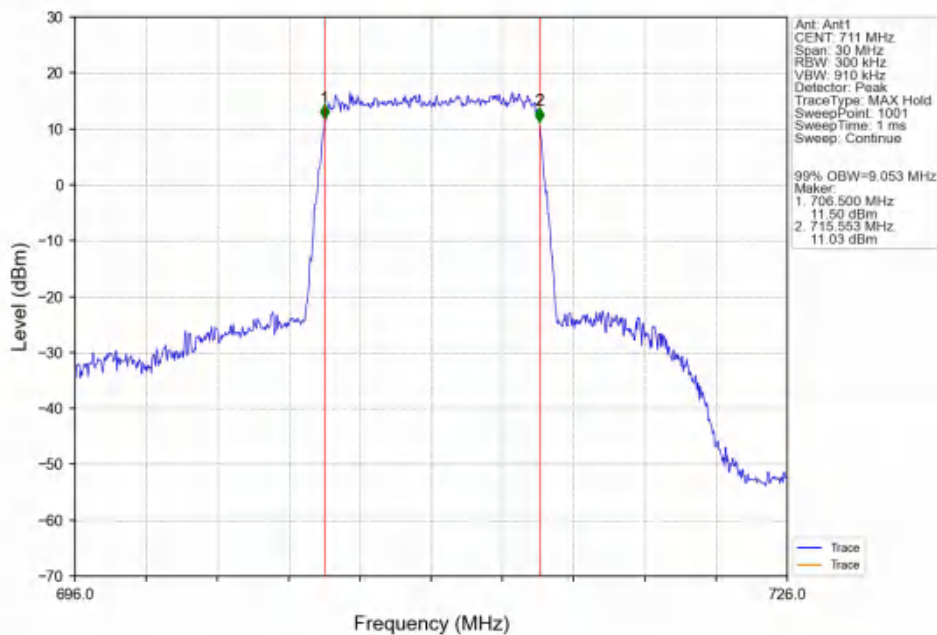
Band12 10MHz QPSK LCH 704MHz RB 50 0 NTNV



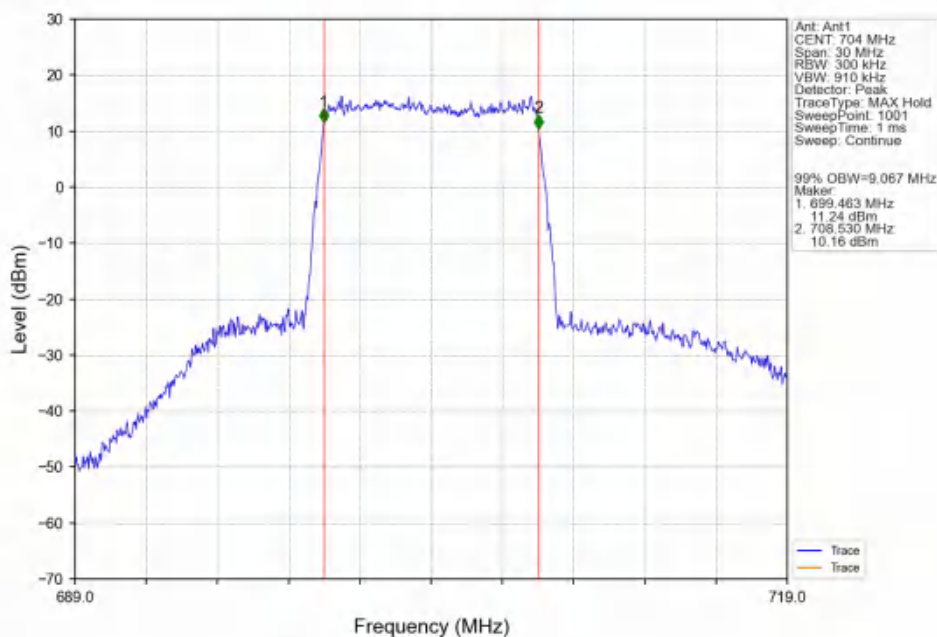
Band12 10MHz QPSK MCH 707.5MHz RB 50 0 NTNV



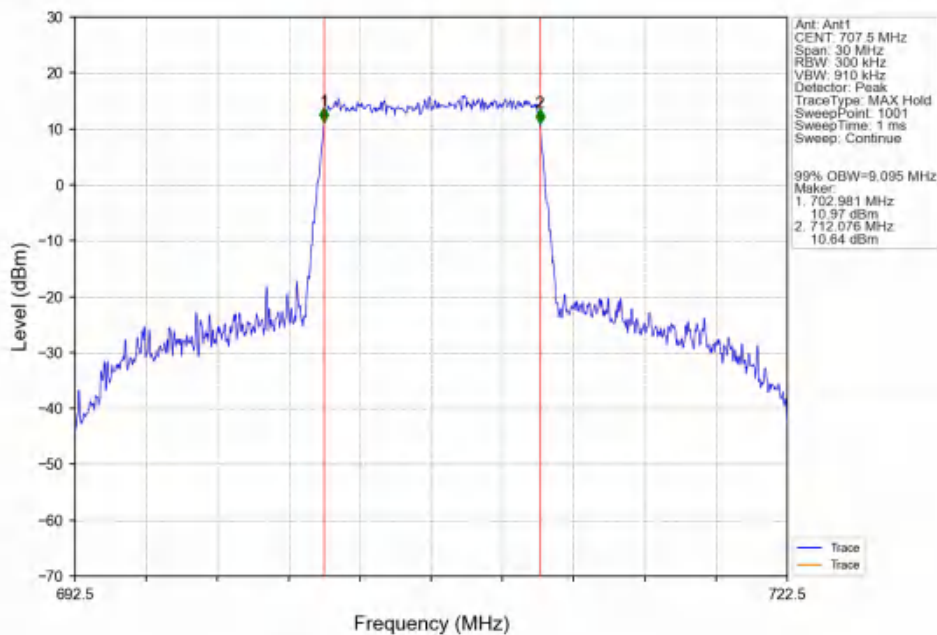
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



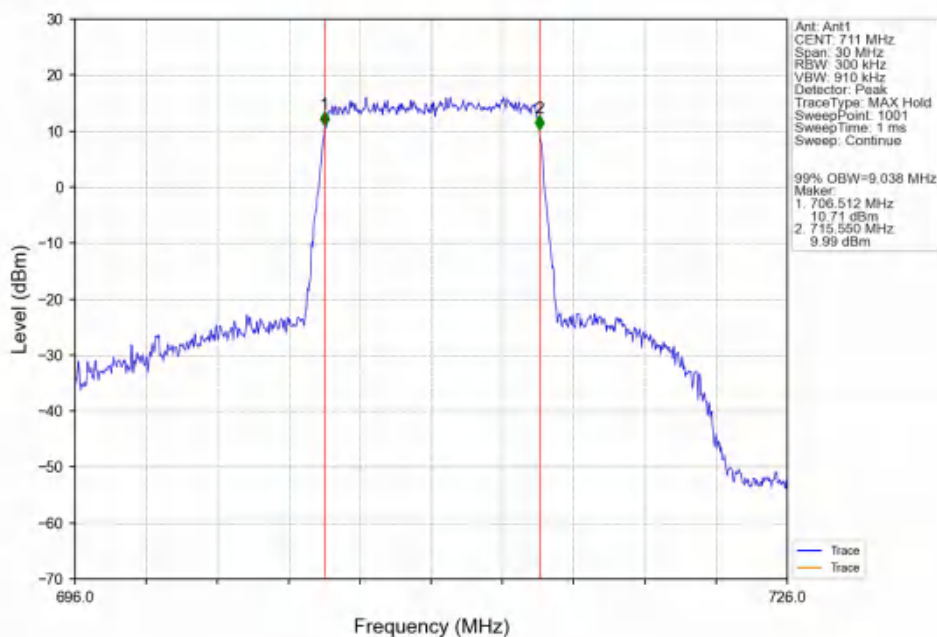
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



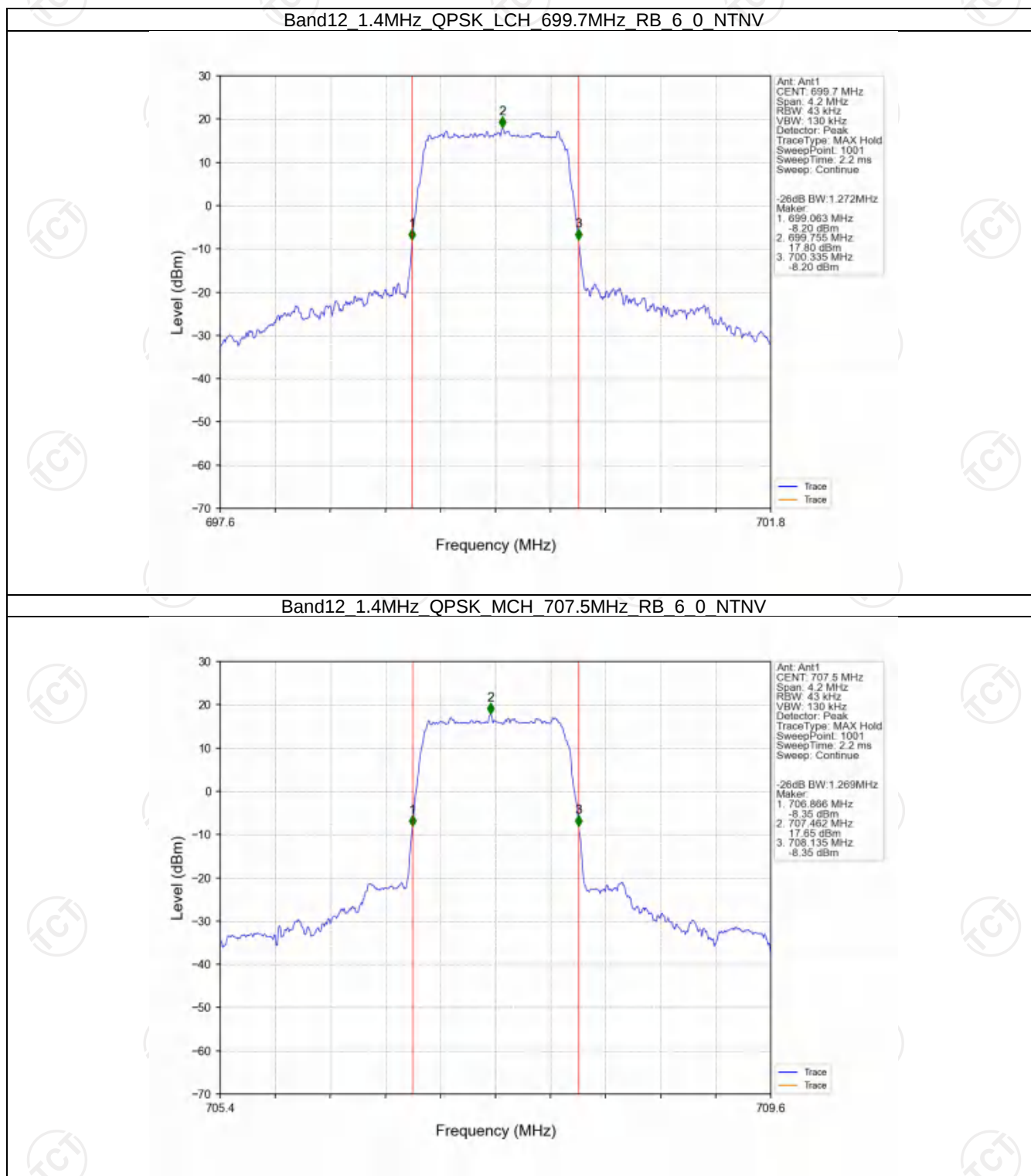
Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



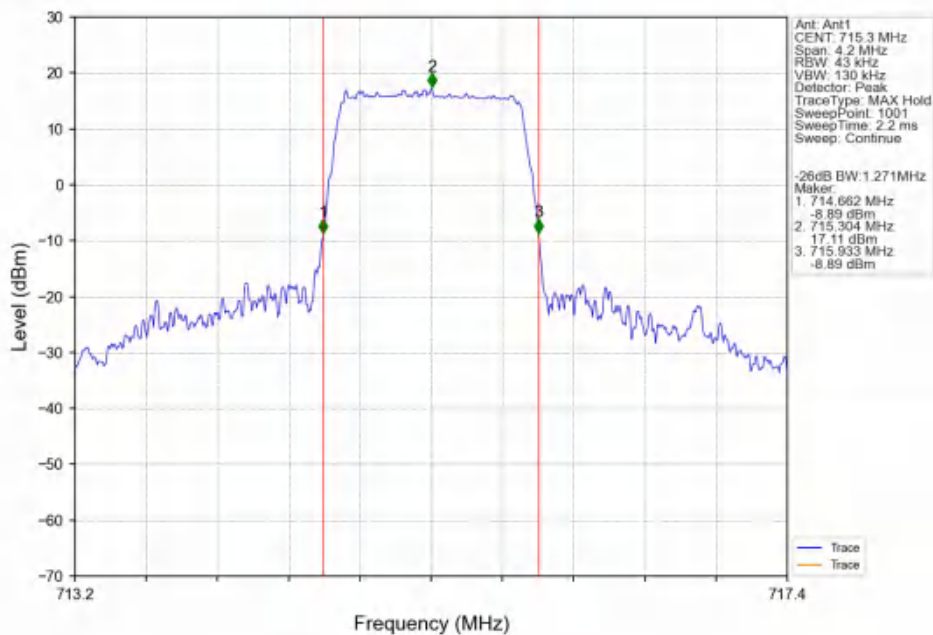
Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



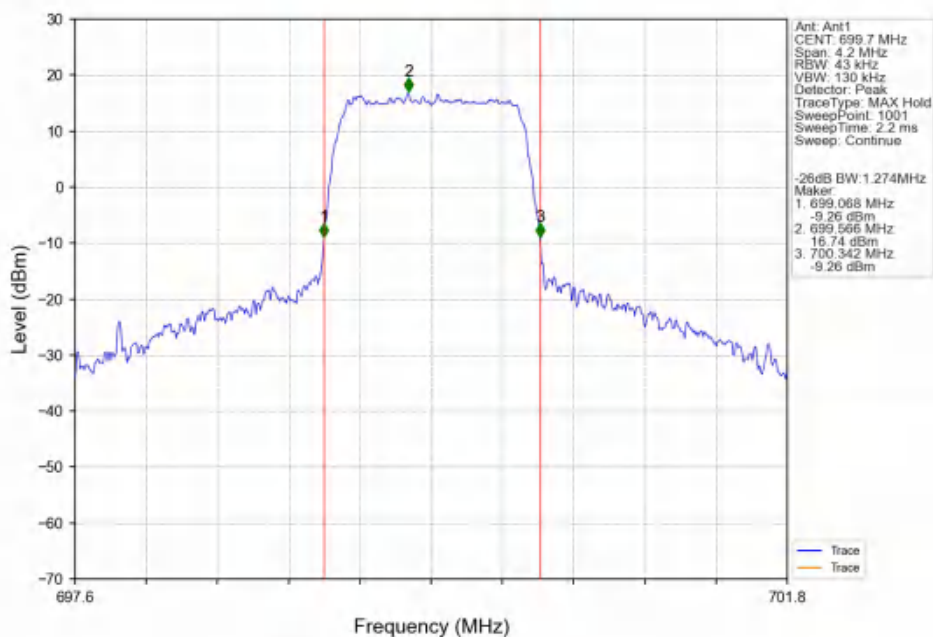
4.2.2 Band12_XDB



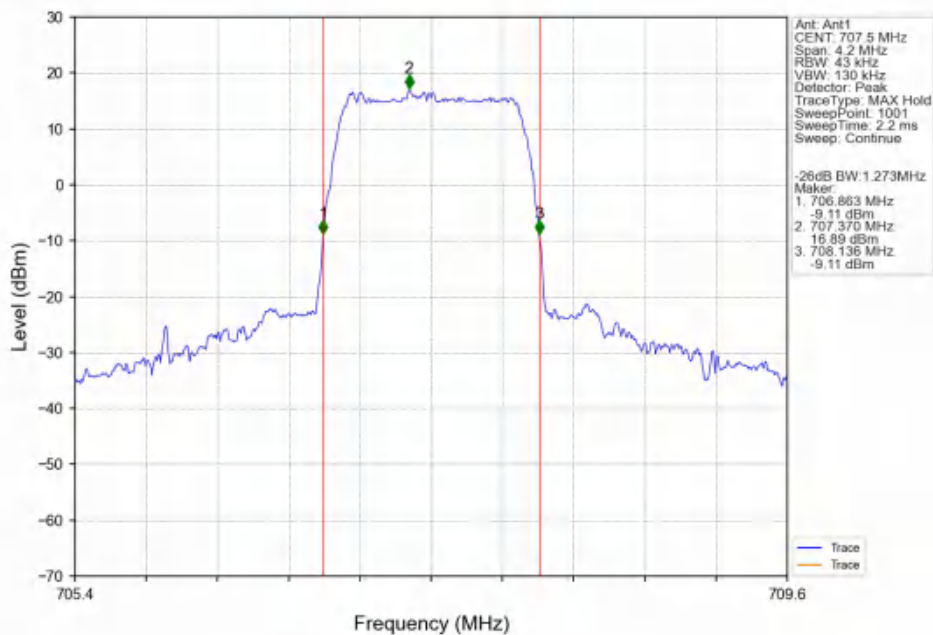
Band12 1.4MHz QPSK HCH 715.3MHz RB 6 0 NTV



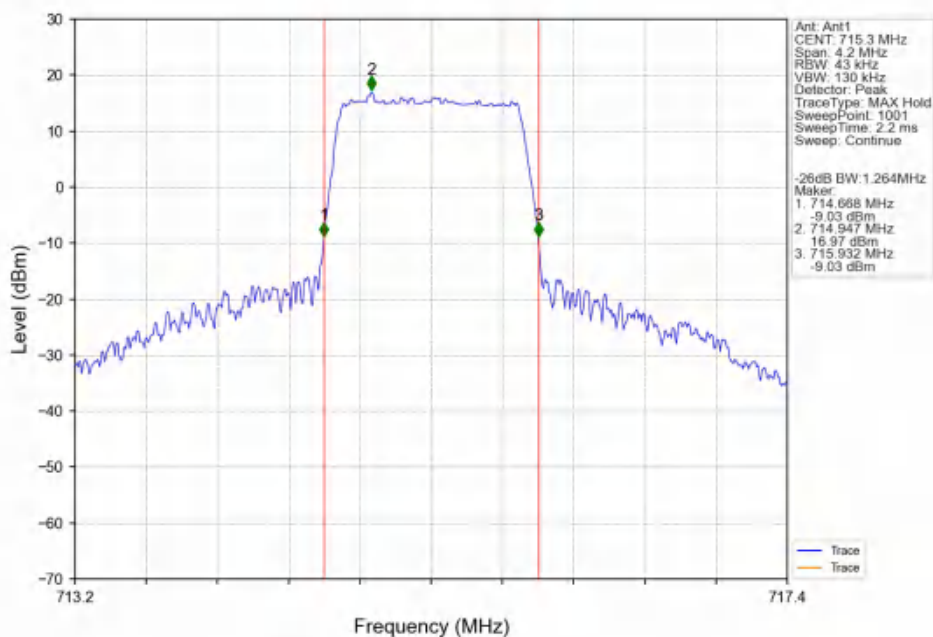
Band12 1.4MHz 16QAM LCH 699.7MHz RB 6 0 NTV



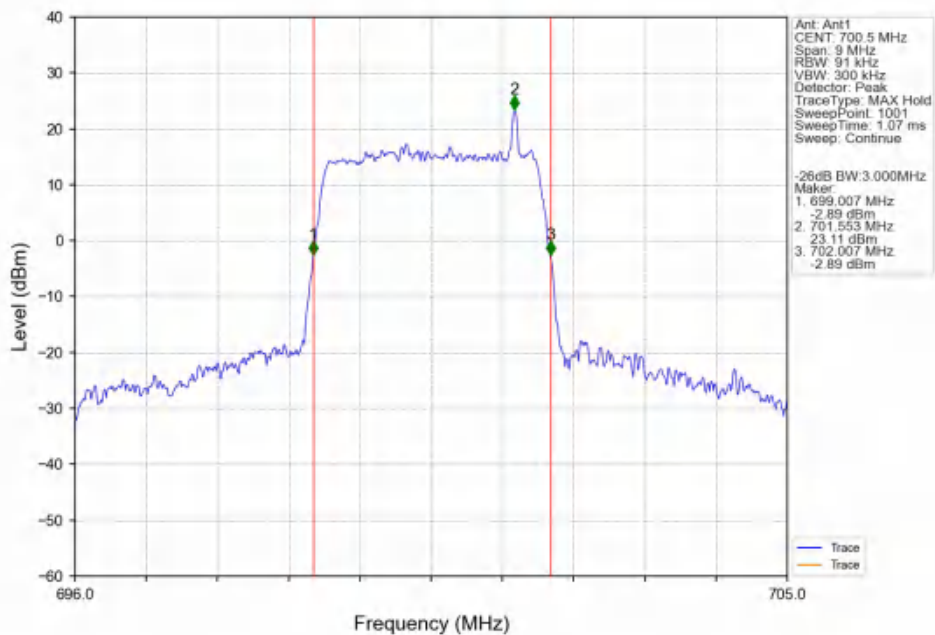
Band12 1.4MHz 16QAM MCH 707.5MHz RB 6 0 NTNV



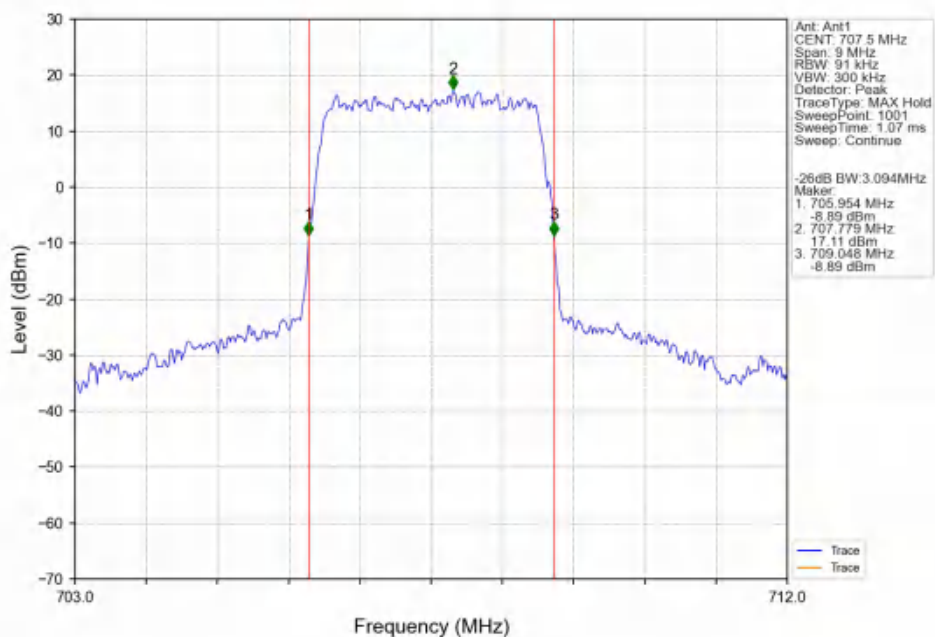
Band12 1.4MHz 16QAM HCH 715.3MHz RB 6 0 NTNV



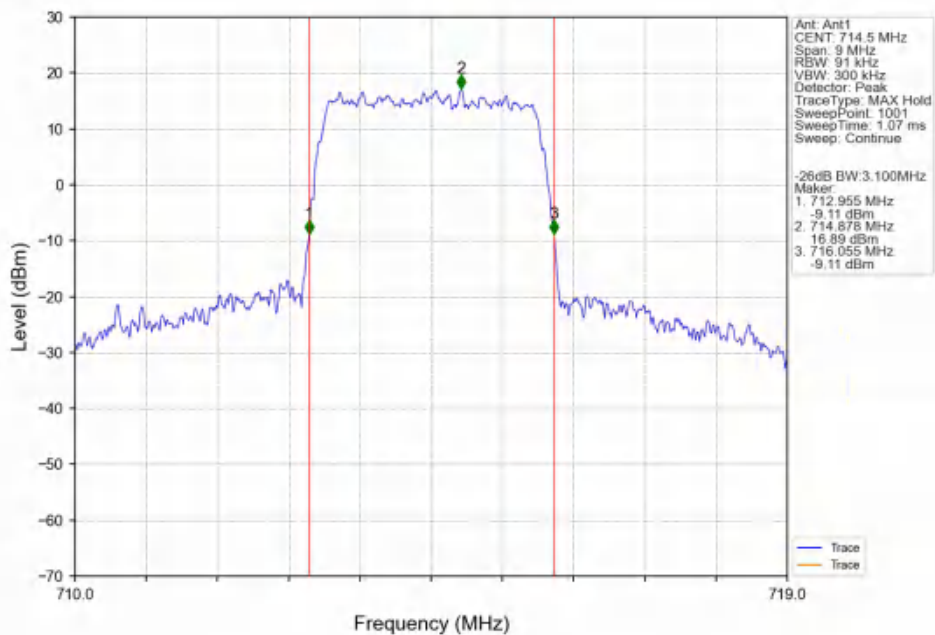
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



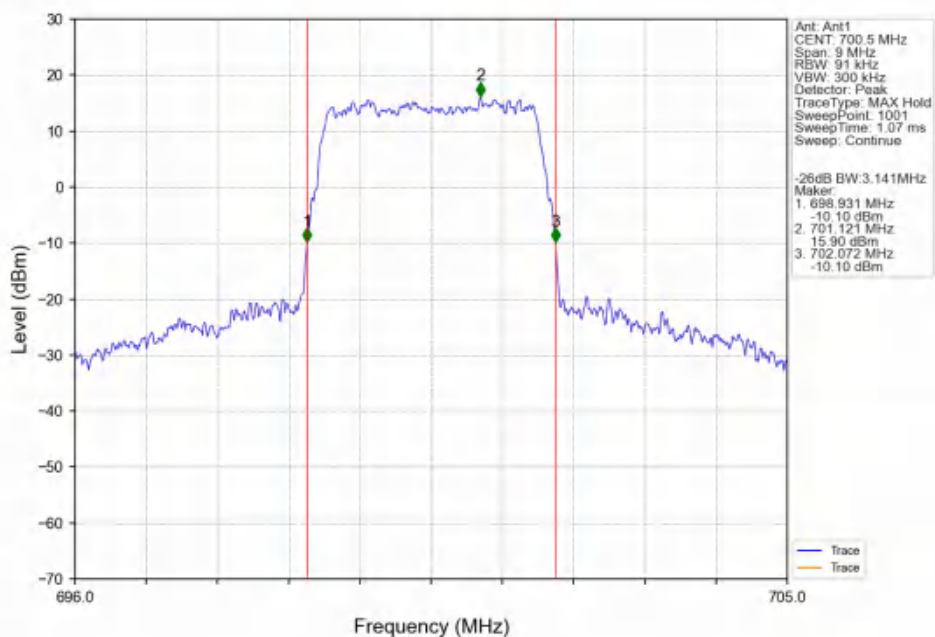
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



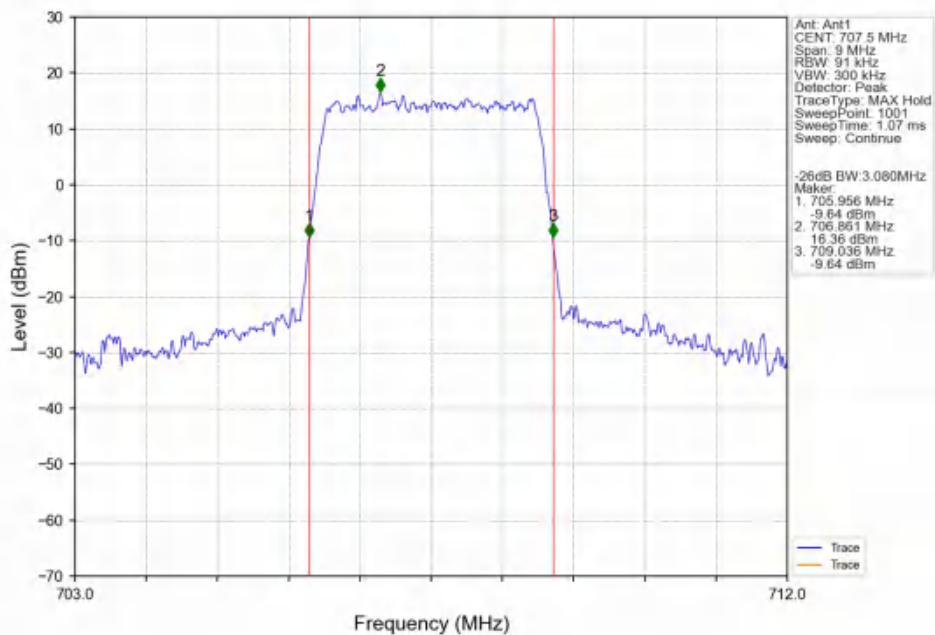
Band12 3MHz QPSK HCH 714.5MHz RB 15 0 NTV



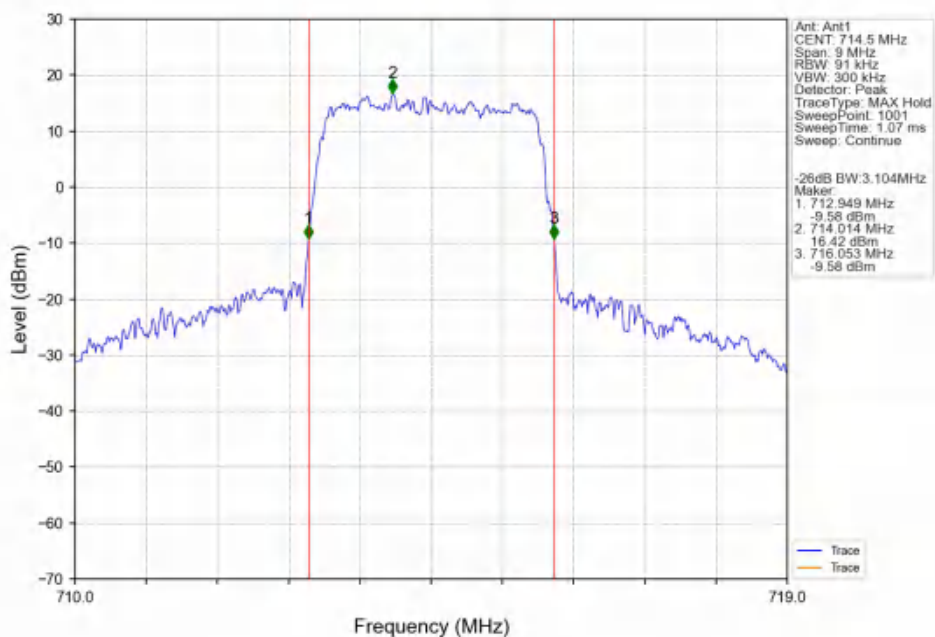
Band12 3MHz 16QAM LCH 700.5MHz RB 15 0 NTV



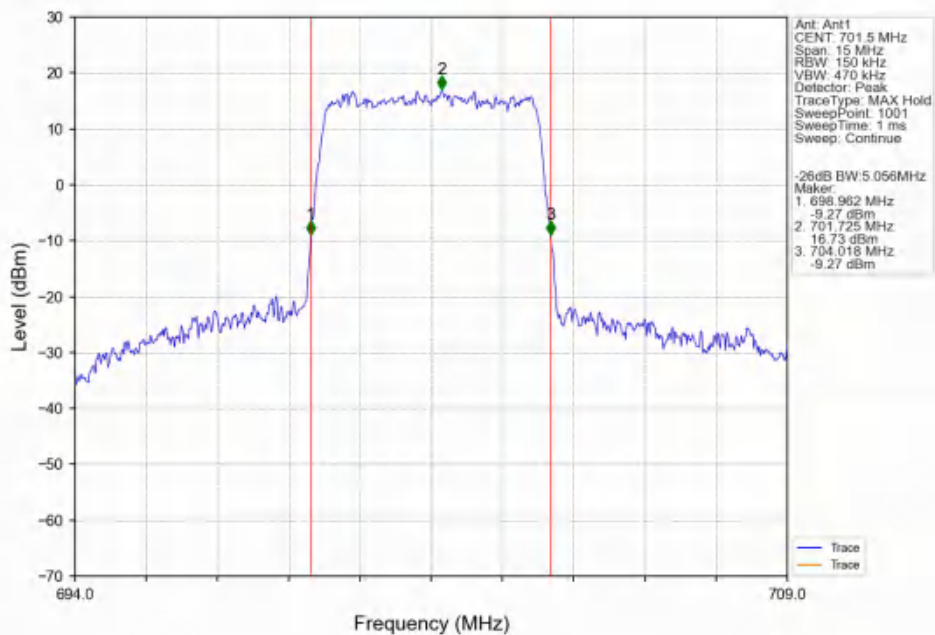
Band12 3MHz 16QAM MCH 707.5MHz RB 15 0 NTNV



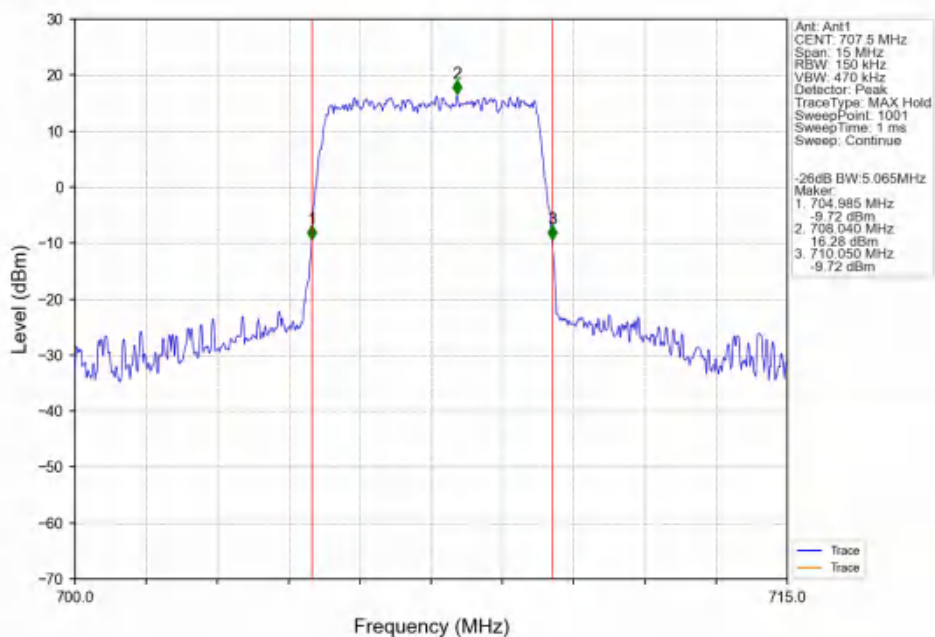
Band12 3MHz 16QAM HCH 714.5MHz RB 15 0 NTNV



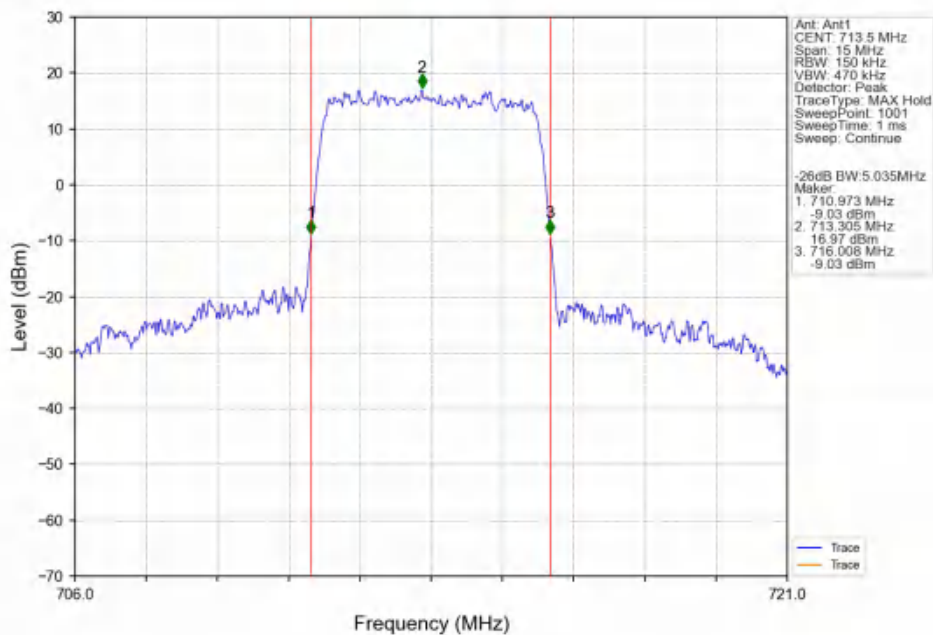
Band12 5MHz QPSK LCH 701.5MHz RB 25 0 NTNV



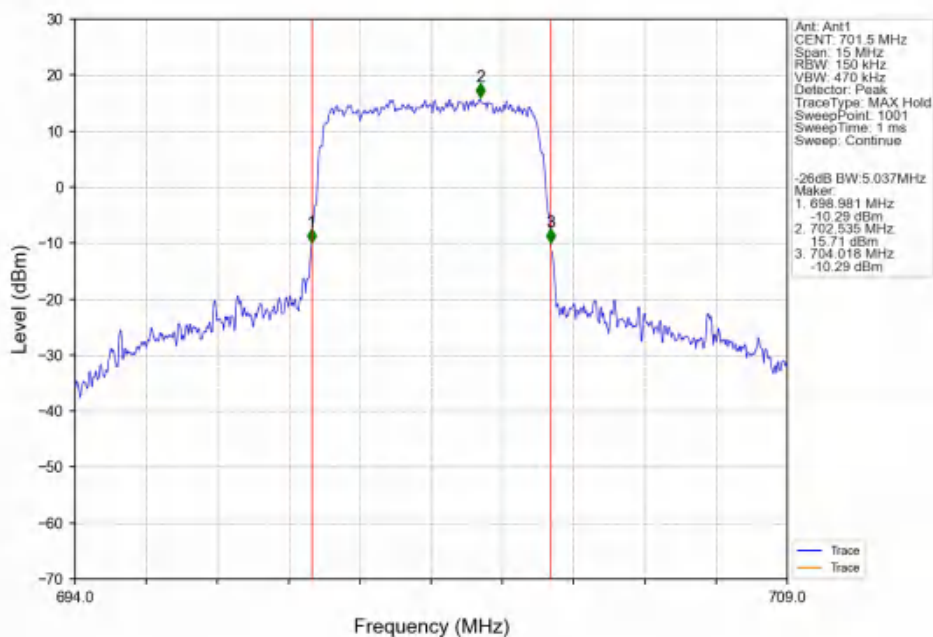
Band12 5MHz QPSK MCH 707.5MHz RB 25 0 NTNV



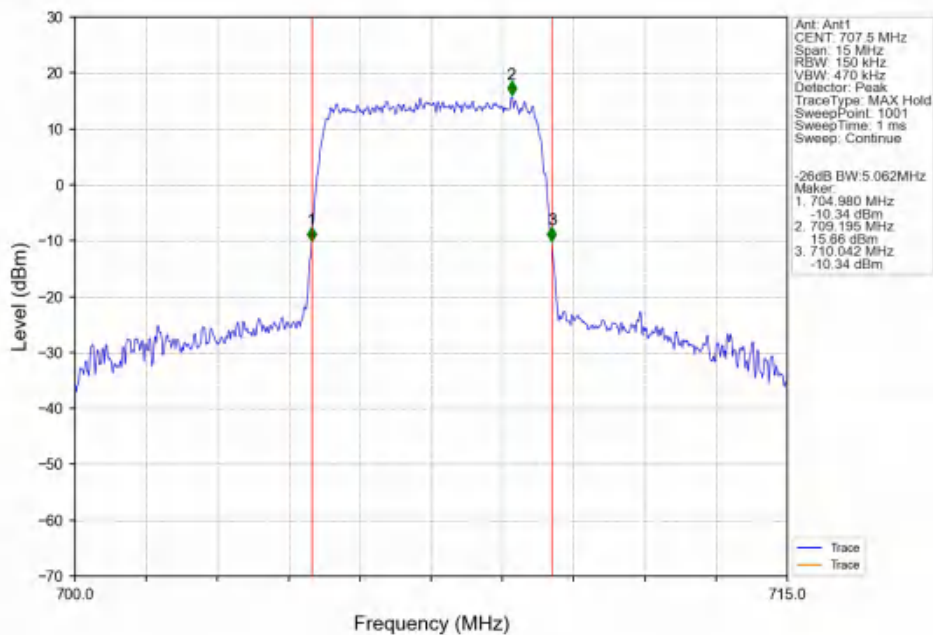
Band12 5MHz QPSK HCH 713.5MHz RB 25 0 NTN



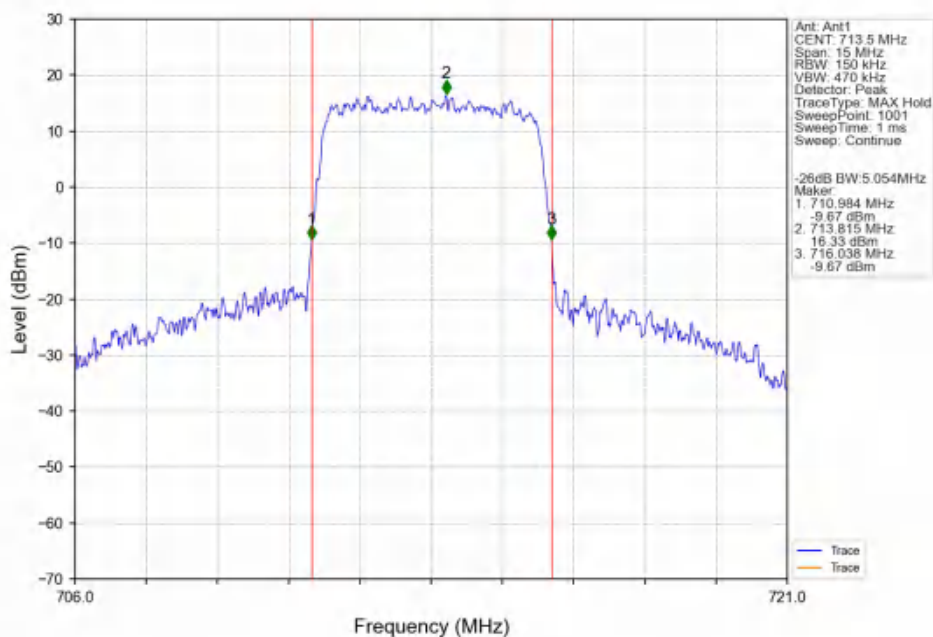
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0 NTN



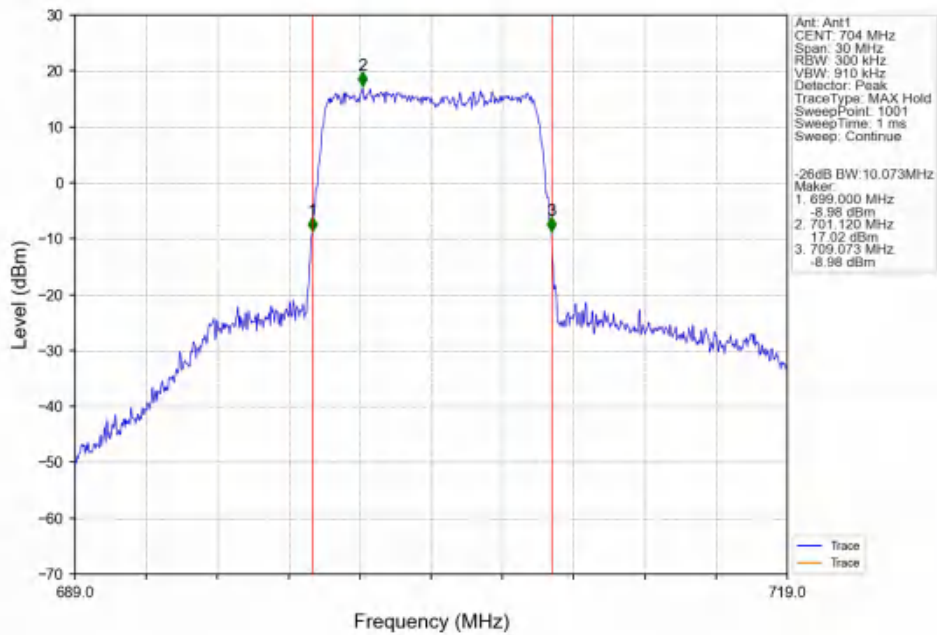
Band12 5MHz 16QAM MCH 707.5MHz RB 25 0 NTNV



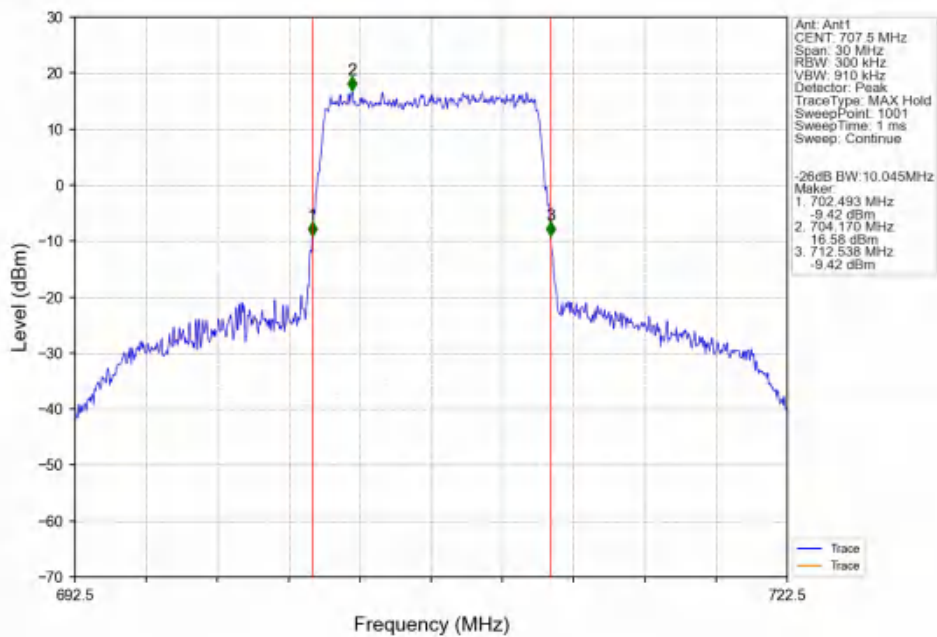
Band12 5MHz 16QAM HCH 713.5MHz RB 25 0 NTNV



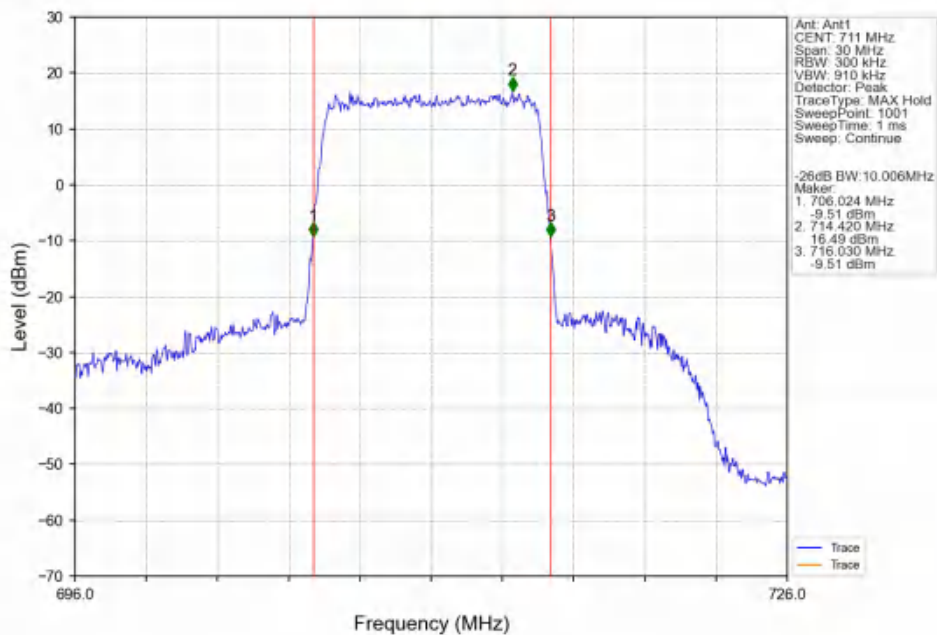
Band12 10MHz QPSK LCH 704MHz RB 50 0 NTN



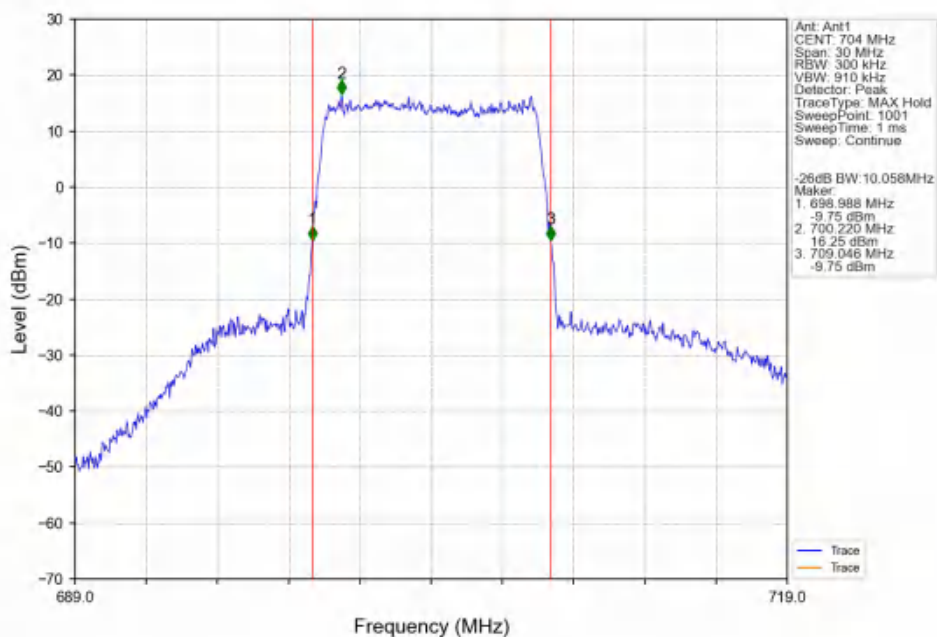
Band12 10MHz QPSK MCH 707.5MHz RB 50 0 NTN



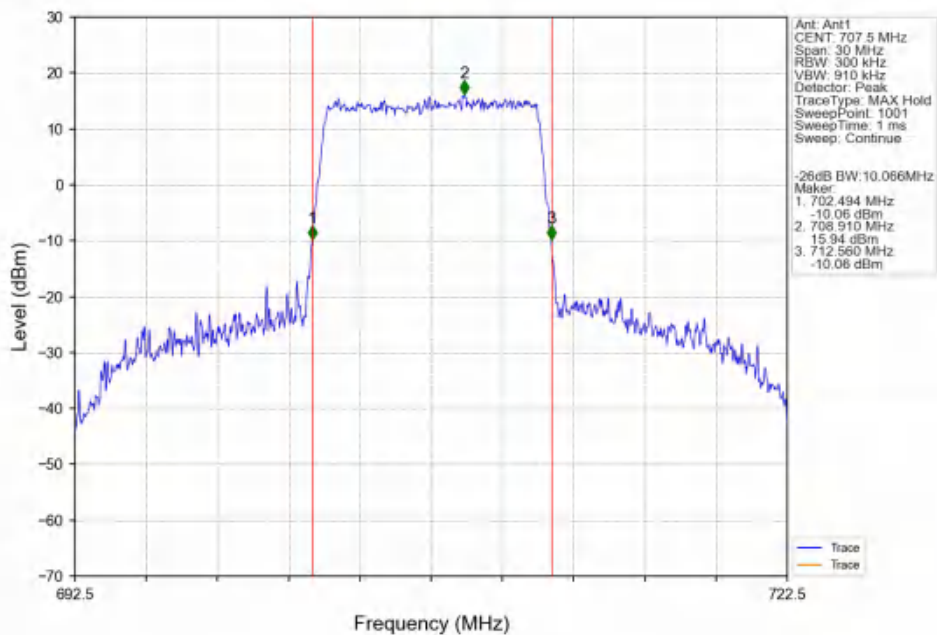
Band12 10MHz QPSK HCH 711MHz RB 50 0 NTNV



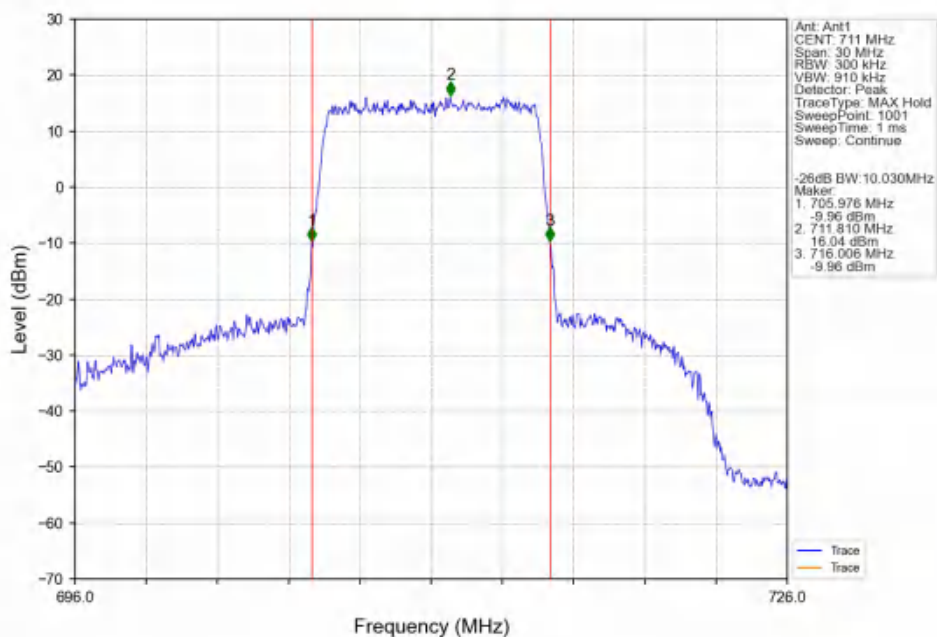
Band12 10MHz 16QAM LCH 704MHz RB 50 0 NTNV



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



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



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	4.85	<=13	Pass
	707.5	6	0	5.87	<=13	Pass
	715.3	6	0	4.97	<=13	Pass
16QAM	699.7	6	0	5.62	<=13	Pass
	707.5	6	0	6.76	<=13	Pass
	715.3	6	0	5.72	<=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	5.13	<=13	Pass
	707.5	15	0	5.87	<=13	Pass
	714.5	15	0	5.03	<=13	Pass
16QAM	700.5	15	0	5.98	<=13	Pass
	707.5	15	0	6.74	<=13	Pass
	714.5	15	0	5.85	<=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	5.28	<=13	Pass
	707.5	25	0	5.83	<=13	Pass
	713.5	25	0	5.19	<=13	Pass
16QAM	701.5	25	0	6.09	<=13	Pass
	707.5	25	0	6.60	<=13	Pass
	713.5	25	0	5.91	<=13	Pass

5.1.4 B12_10MHz

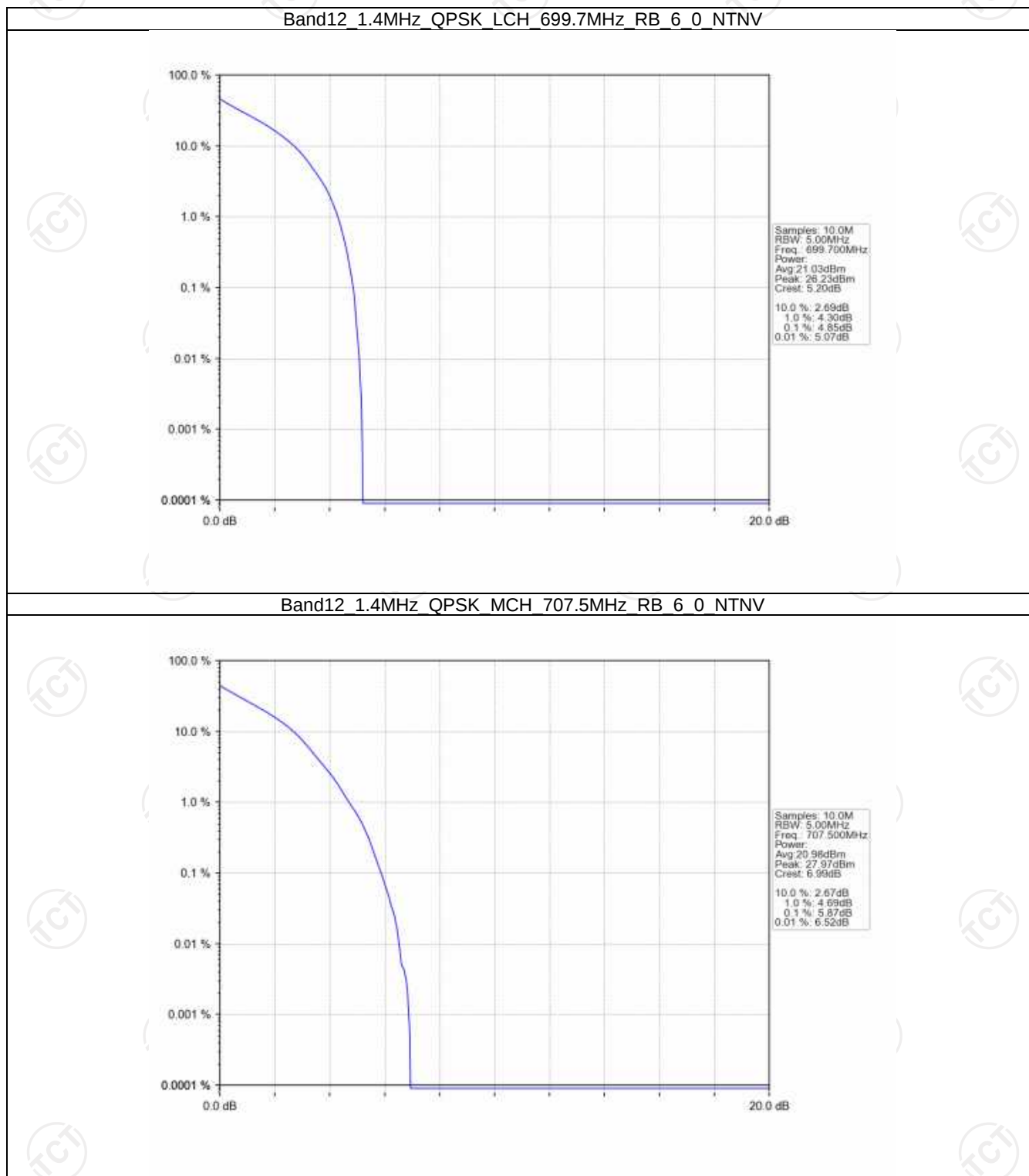
Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	704	50	0	5.67	<=13	Pass
	707.5	50	0	5.70	<=13	Pass
	711	50	0	5.56	<=13	Pass
16QAM	704	50	0	6.44	<=13	Pass
	707.5	50	0	6.53	<=13	Pass

	711	50	0	6.30	<=13	Pass
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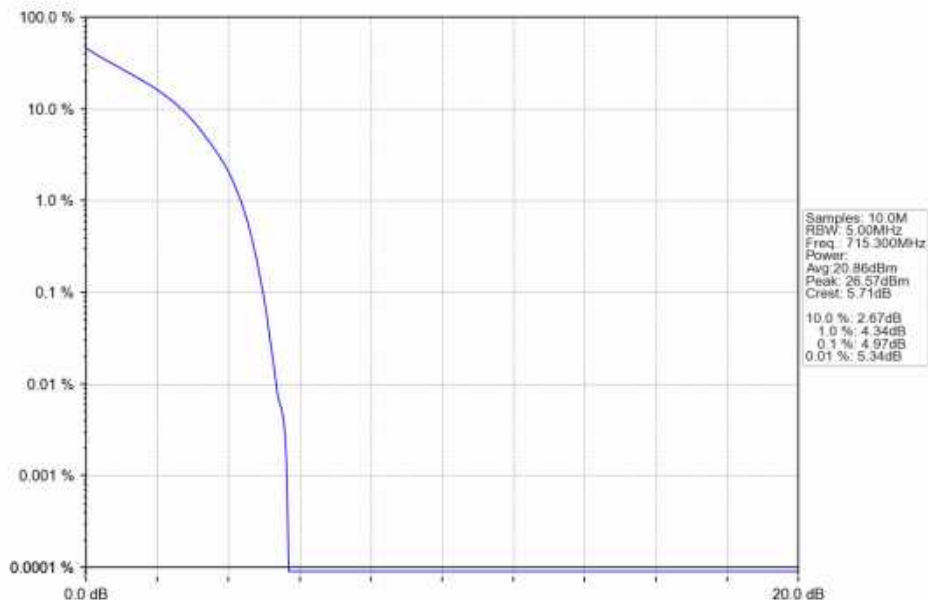


5.2 Test Graph

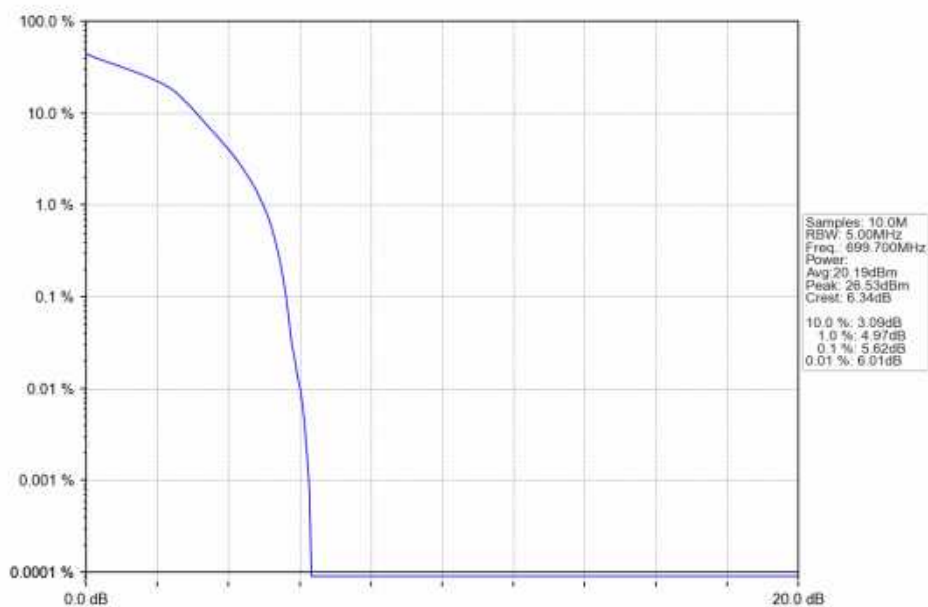
5.2.1 B12_1.4MHz



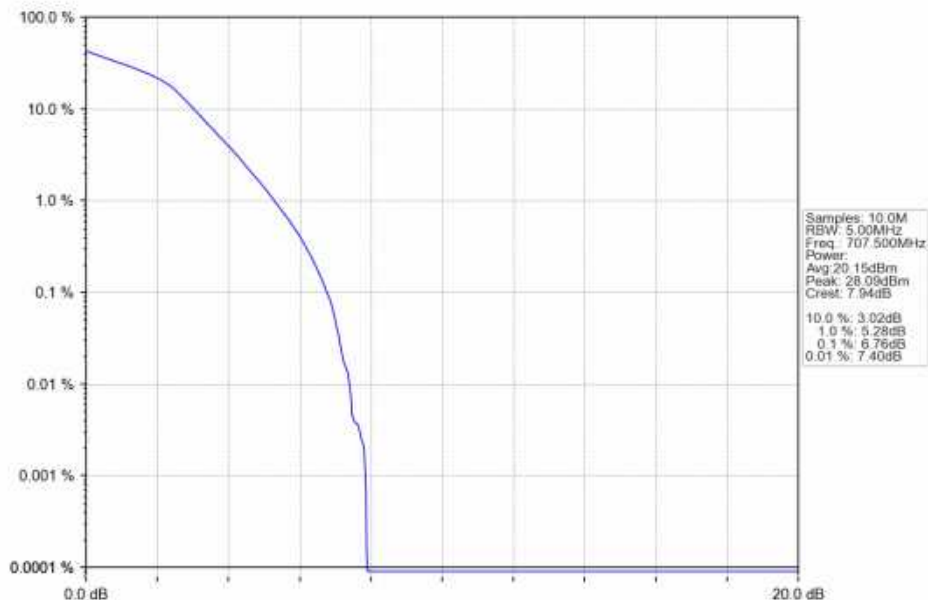
Band12 1.4MHz QPSK HCH 715.3MHz RB 6 0 NTNV



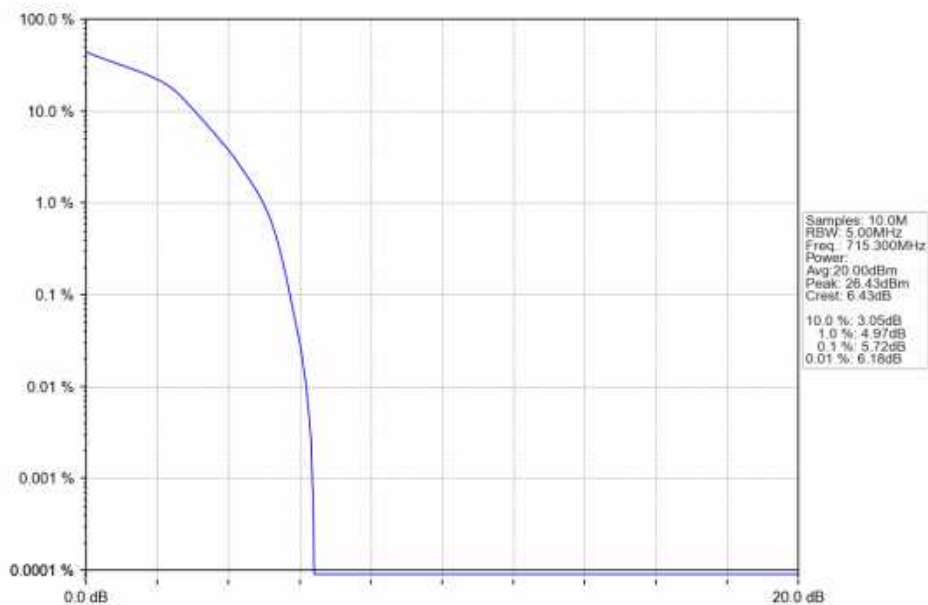
Band12 1.4MHz 16QAM LCH 699.7MHz RB 6 0 NTNV



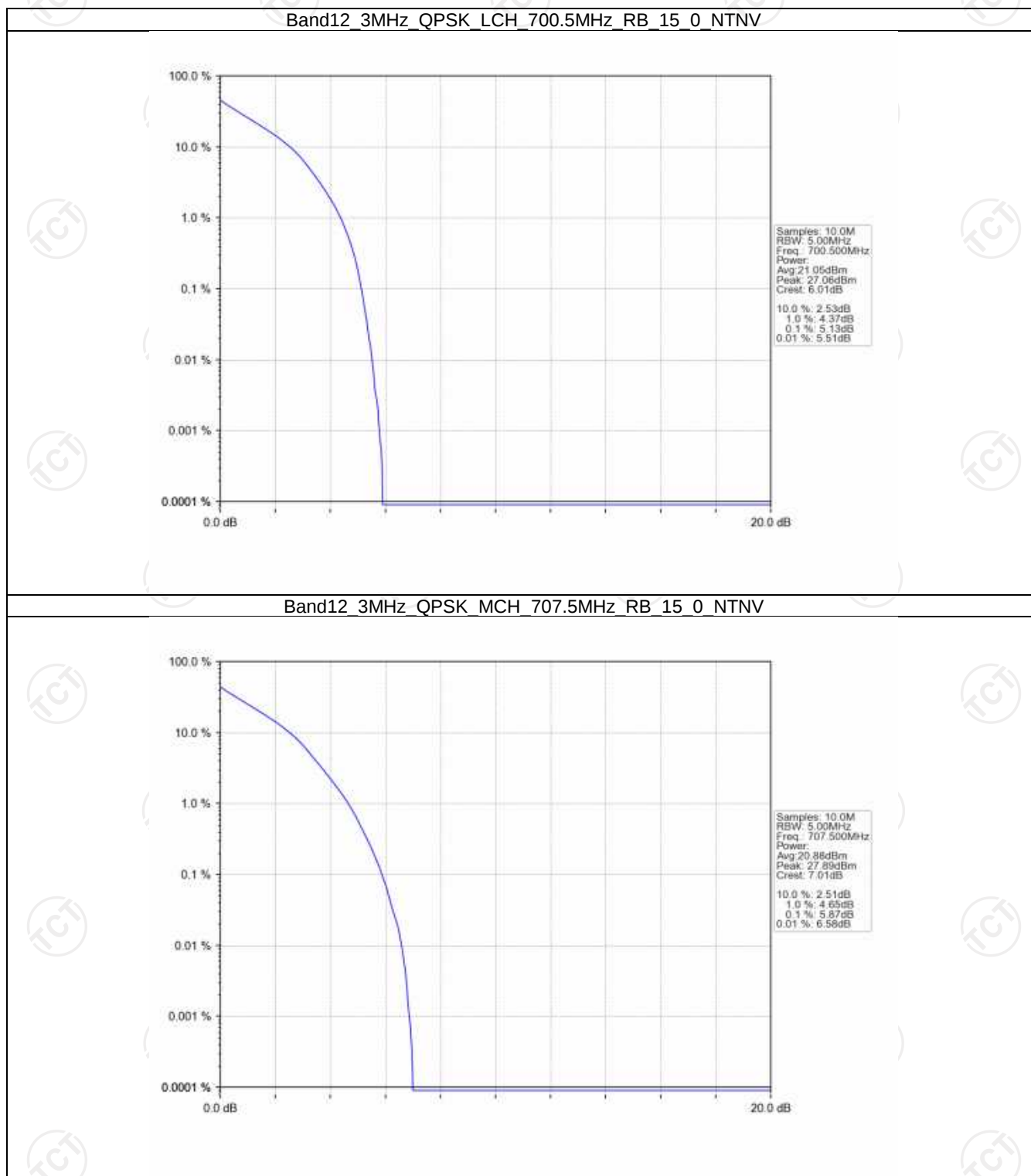
Band12 1.4MHz 16QAM MCH 707.5MHz RB 6 0 NTNV



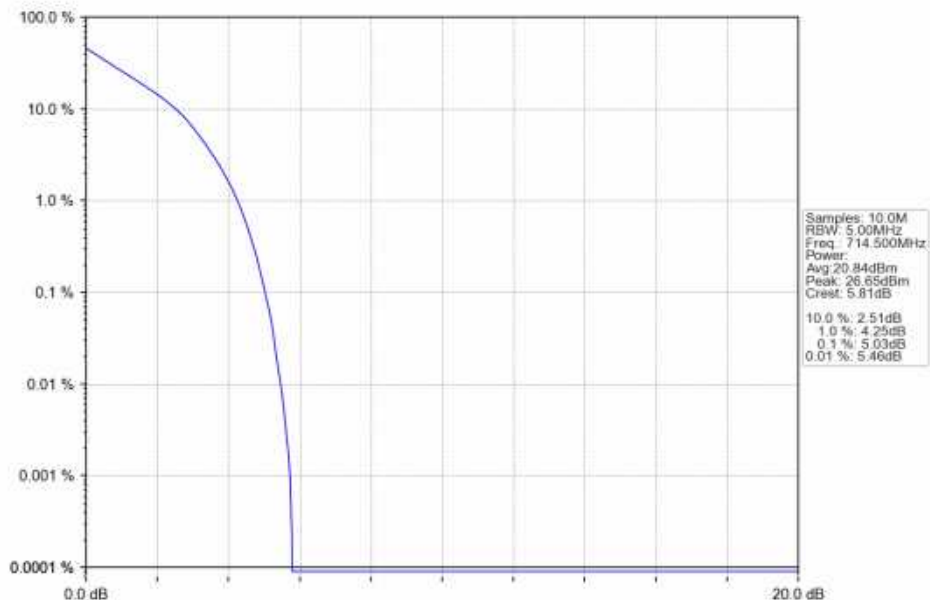
Band12 1.4MHz 16QAM HCH 715.3MHz RB 6 0 NTNV



5.2.2 B12_3MHz



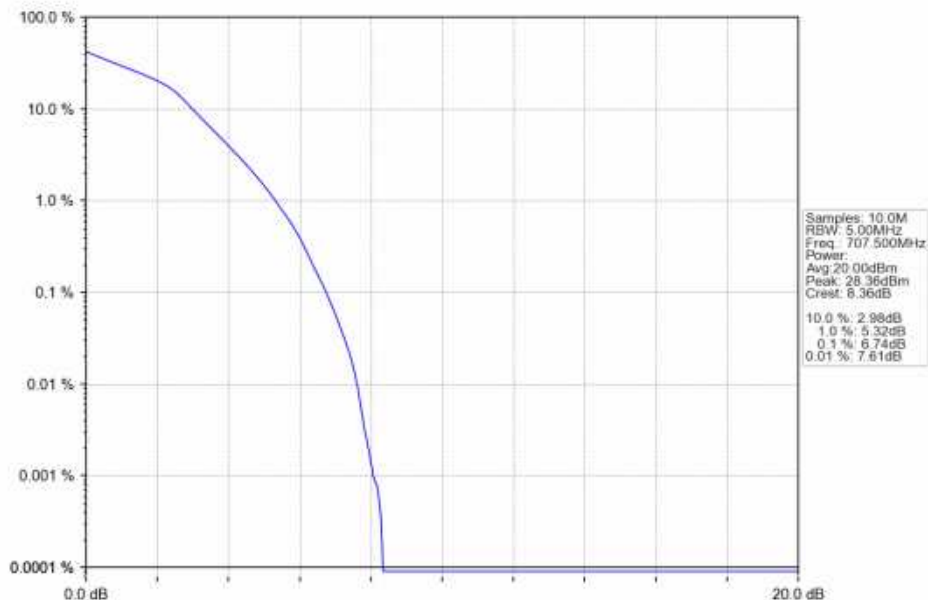
Band12 3MHz QPSK HCH 714.5MHz RB 15 0 NTNV



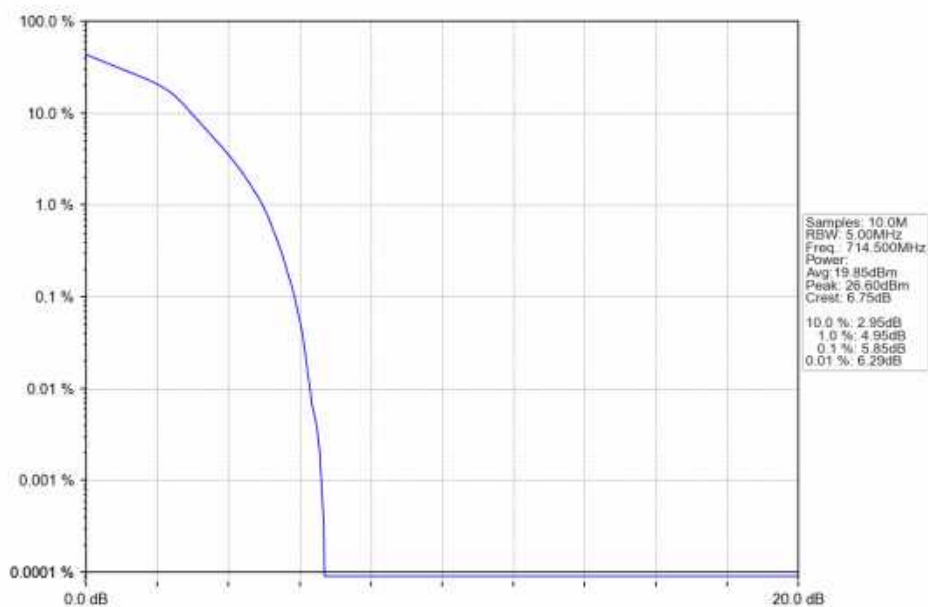
Band12 3MHz 16QAM LCH 700.5MHz RB 15 0 NTNV



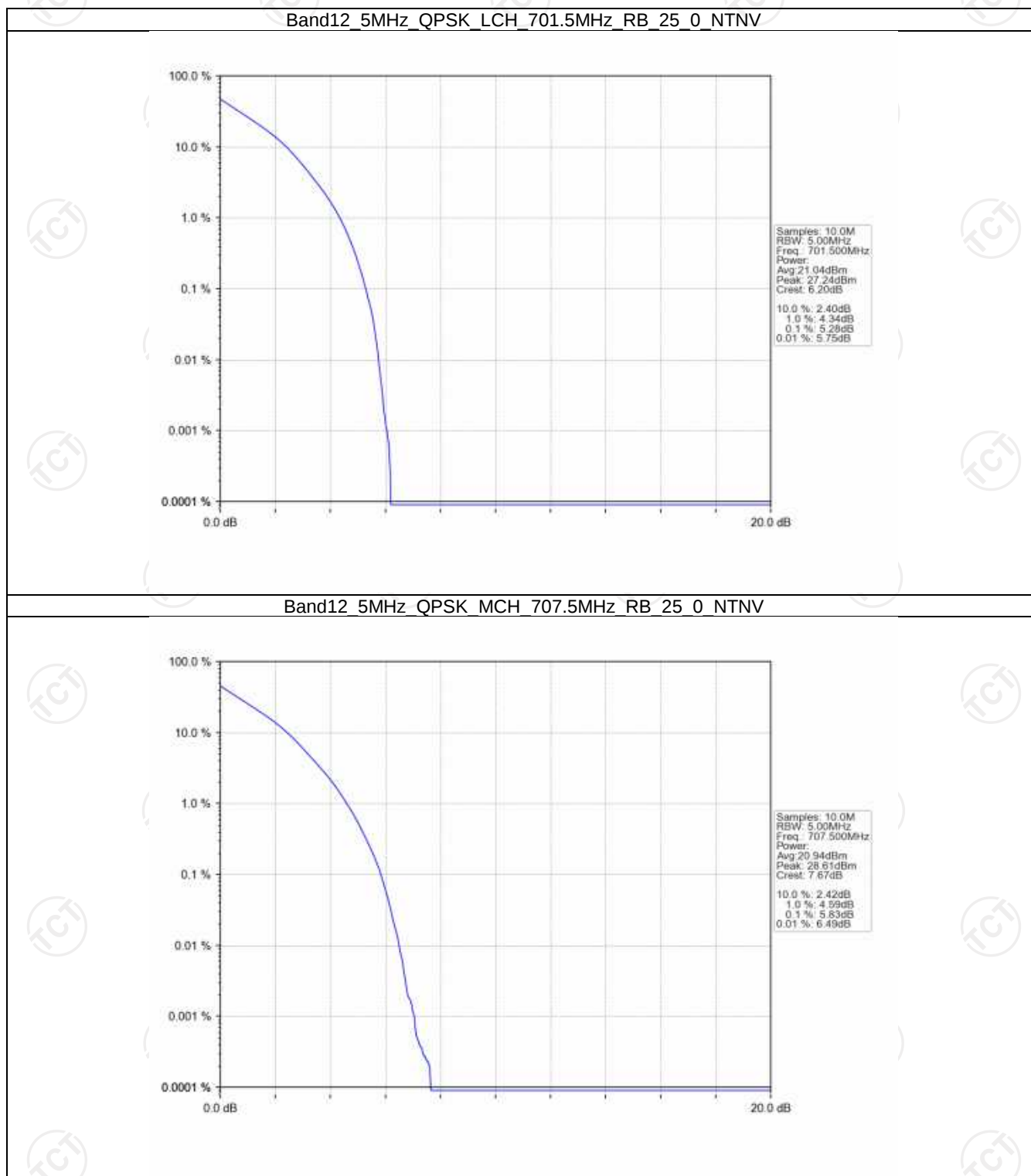
Band12 3MHz 16QAM MCH 707.5MHz RB 15 0 NTNV



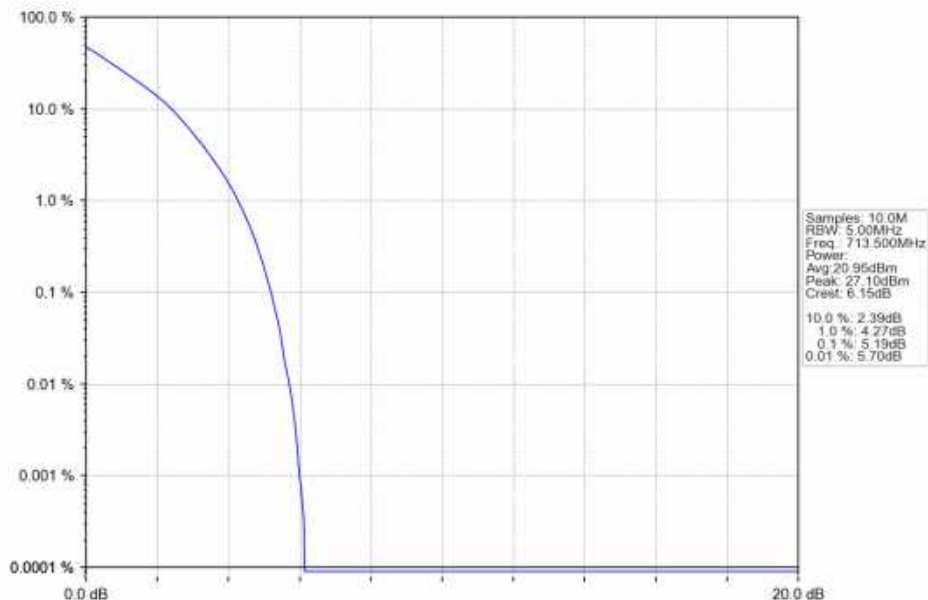
Band12 3MHz 16QAM HCH 714.5MHz RB 15 0 NTNV



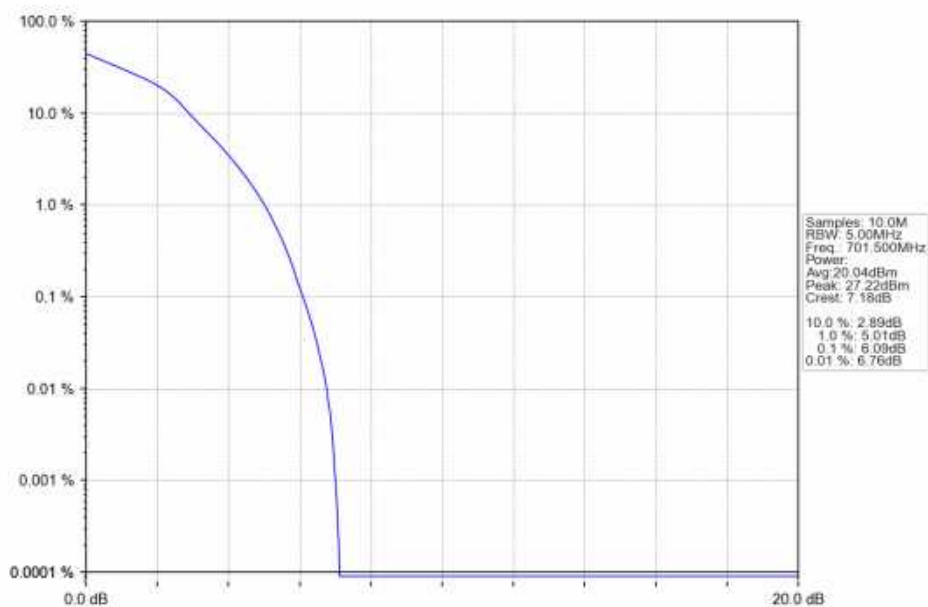
5.2.3 B12_5MHz



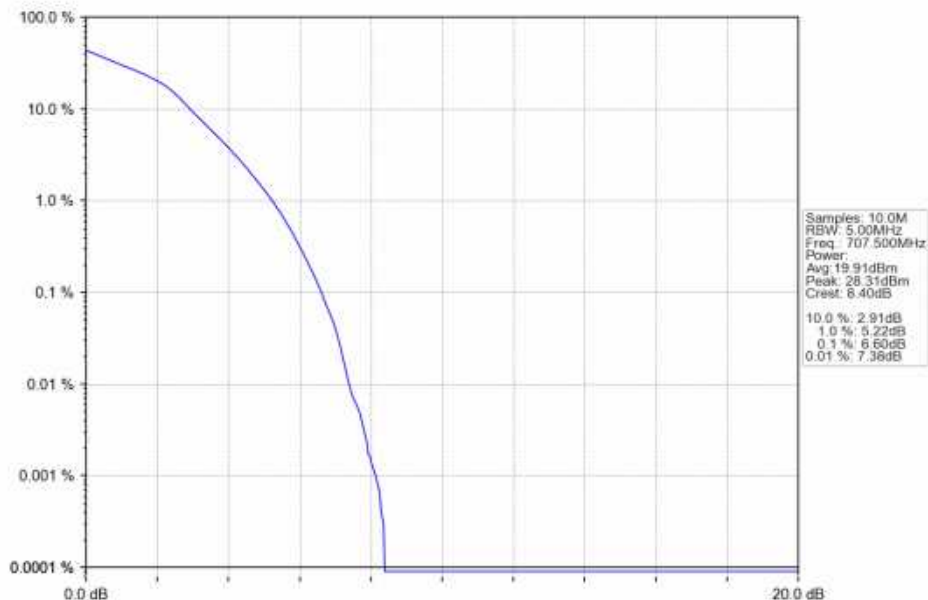
Band12 5MHz QPSK HCH 713.5MHz RB 25 0 NTNV



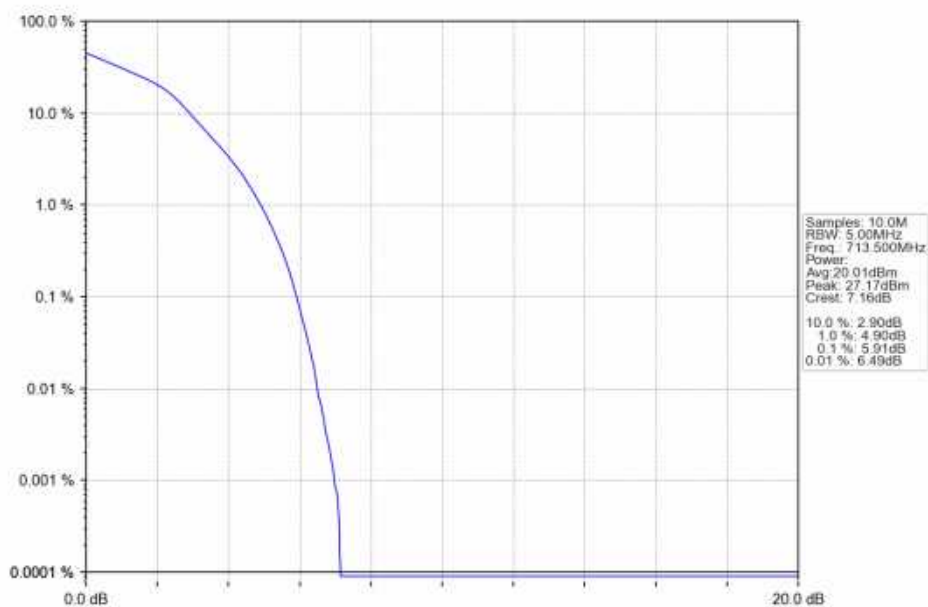
Band12 5MHz 16QAM LCH 701.5MHz RB 25 0 NTNV



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

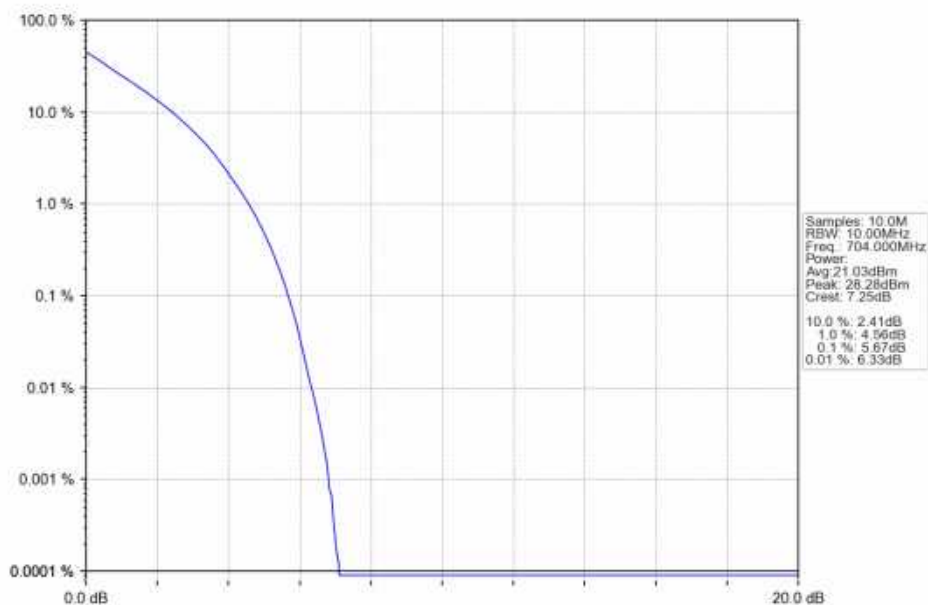


Band12 5MHz 16QAM HCH 713.5MHz RB 25 0 NTNV

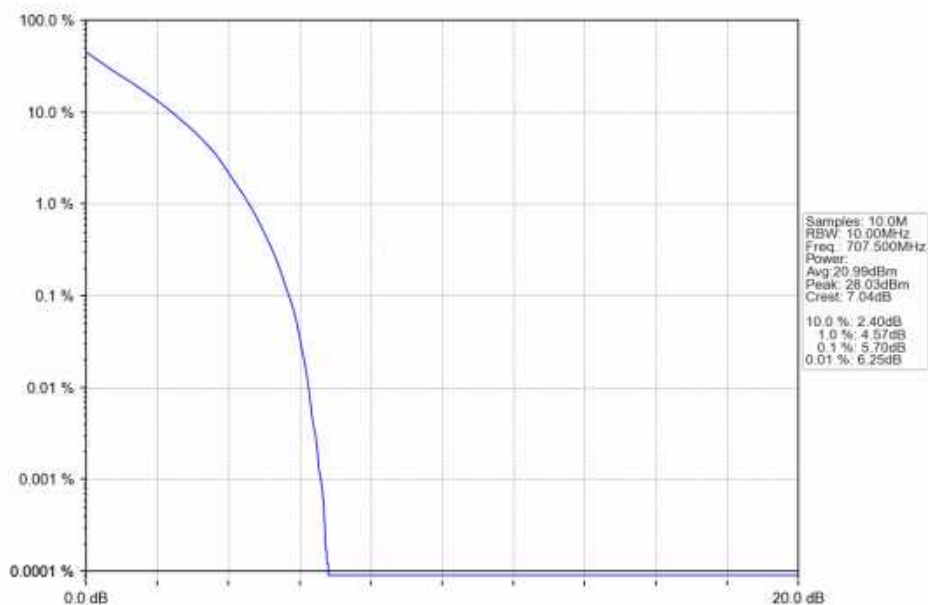


5.2.4 B12_10MHz

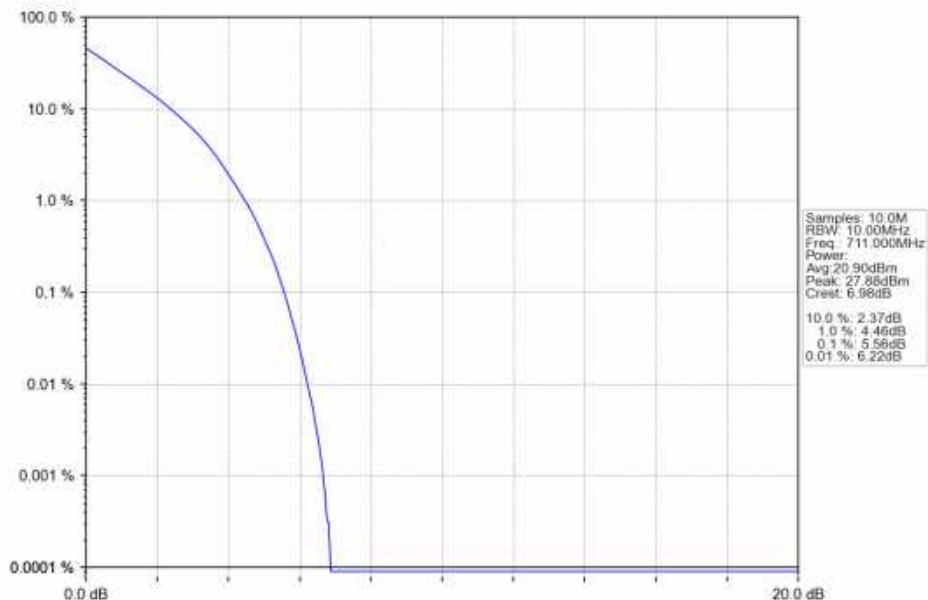
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



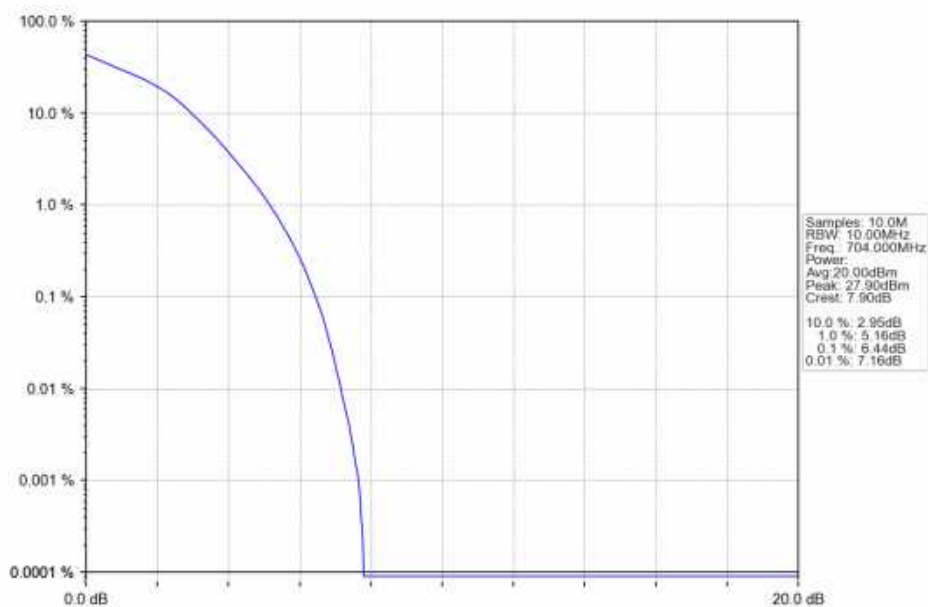
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



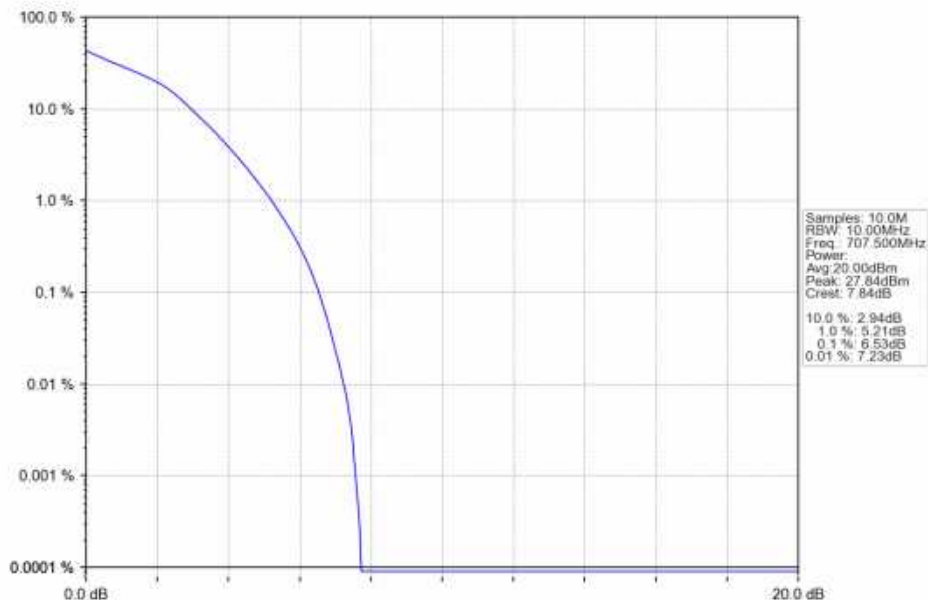
Band12 10MHz QPSK HCH 711MHz RB 50 0 NTN



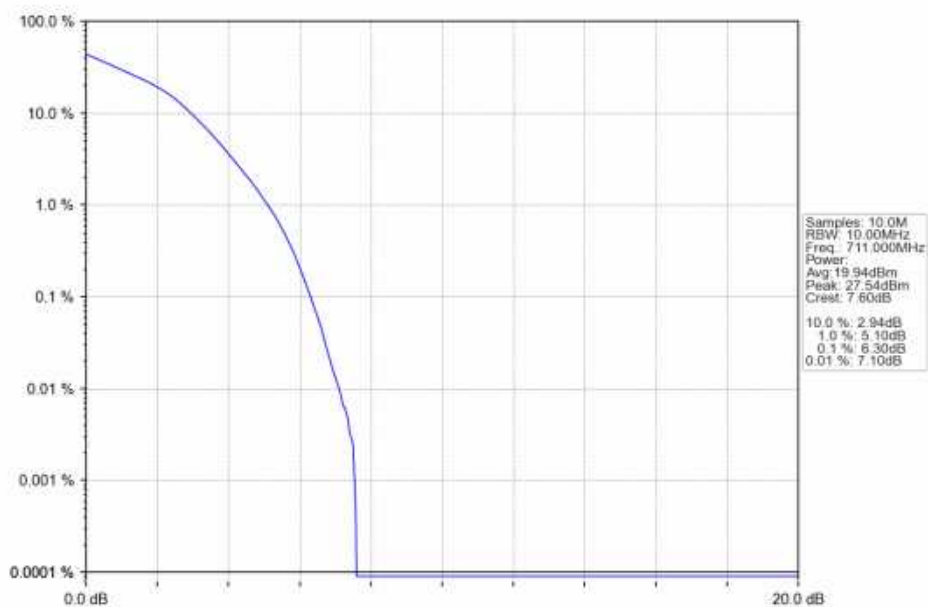
Band12 10MHz 16QAM LCH 704MHz RB 50 0 NTN



Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



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

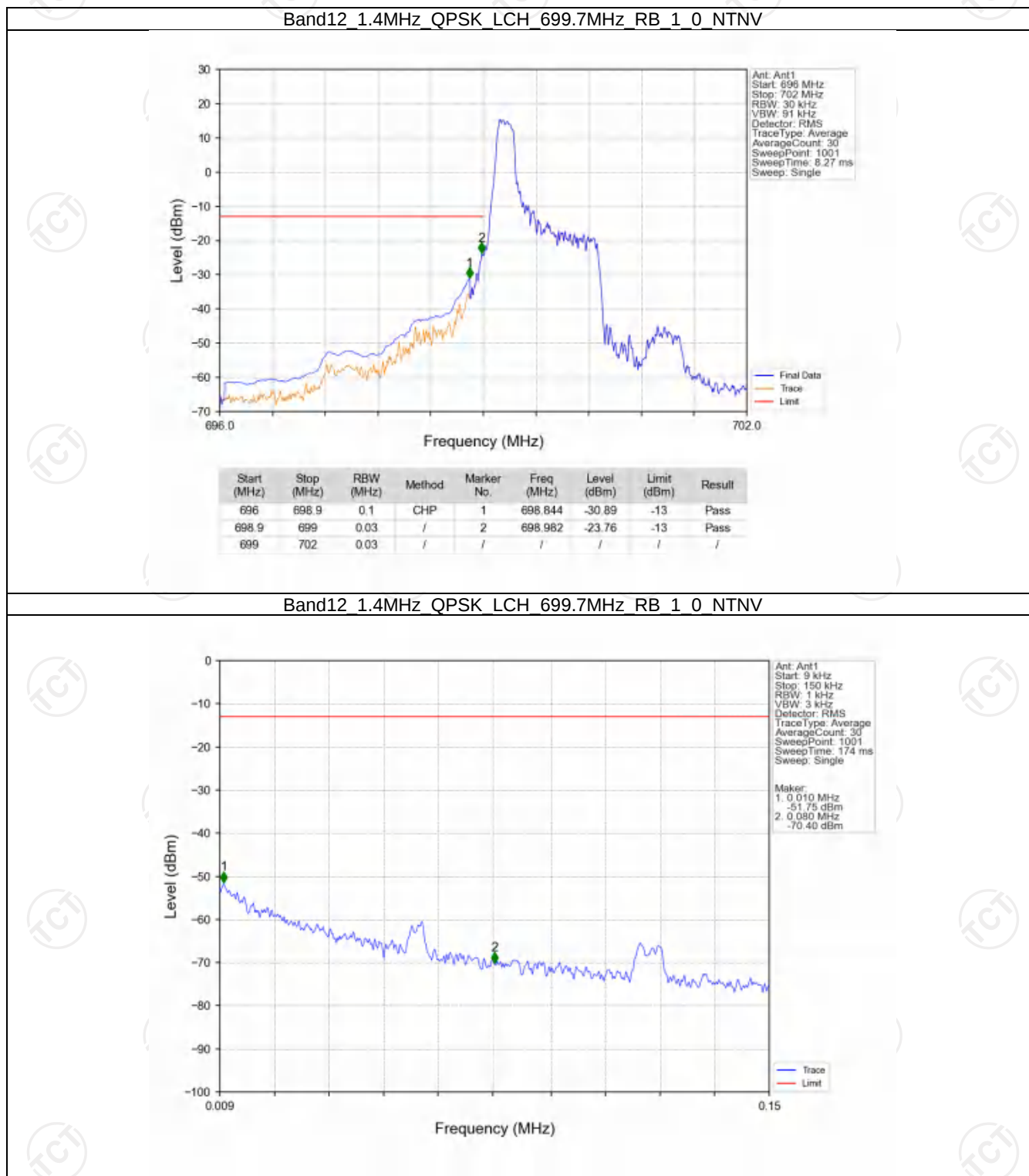
		25	0	Refer To Test Graph	Pass
	707.5	1	0	Refer To Test Graph	Pass
	713.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

6.1.4 B12_10MHz

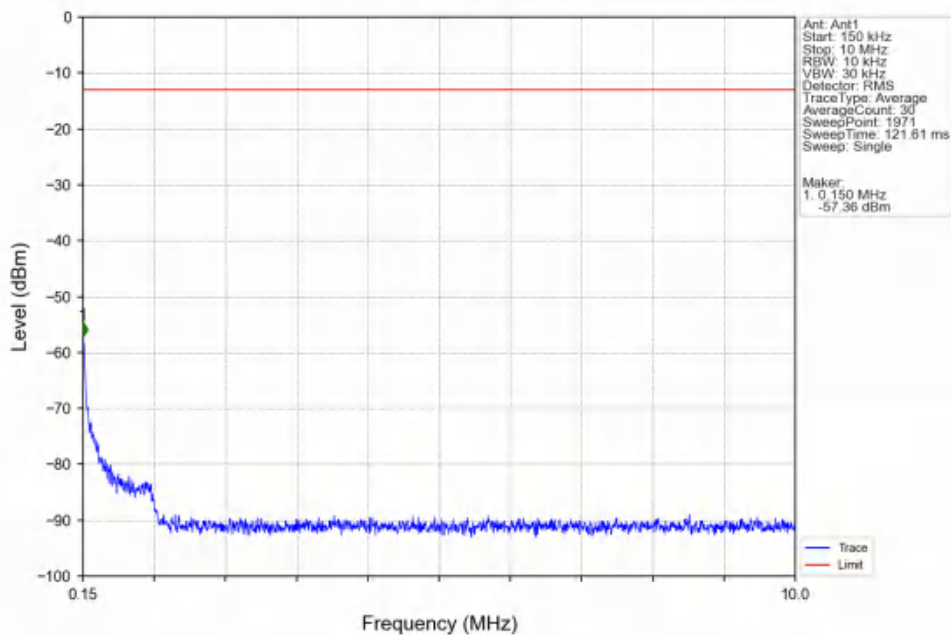
Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	704	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
	711	1	0	Refer To Test Graph		Pass
			49	Refer To Test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

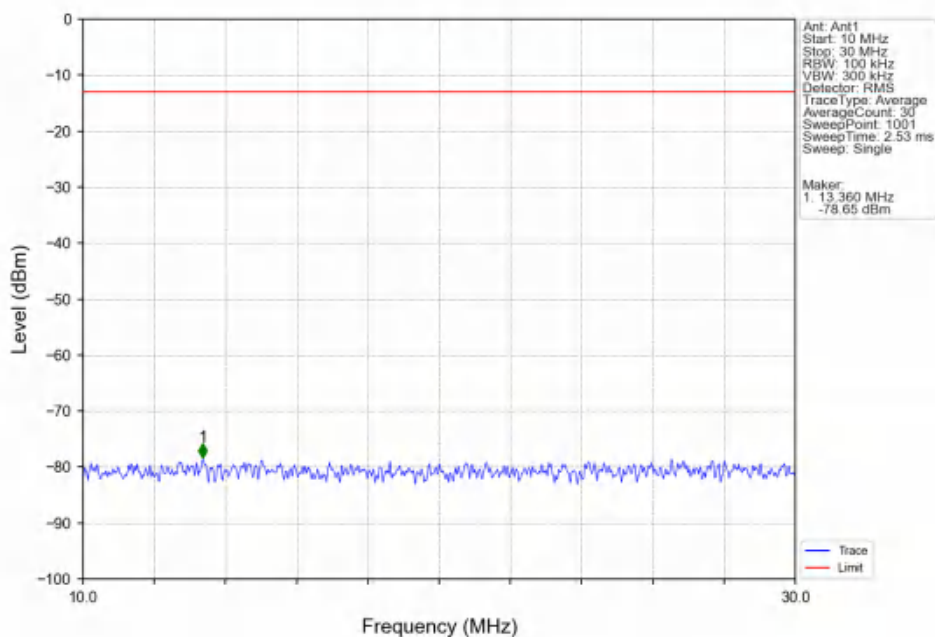
6.2.1 B12_1.4MHz



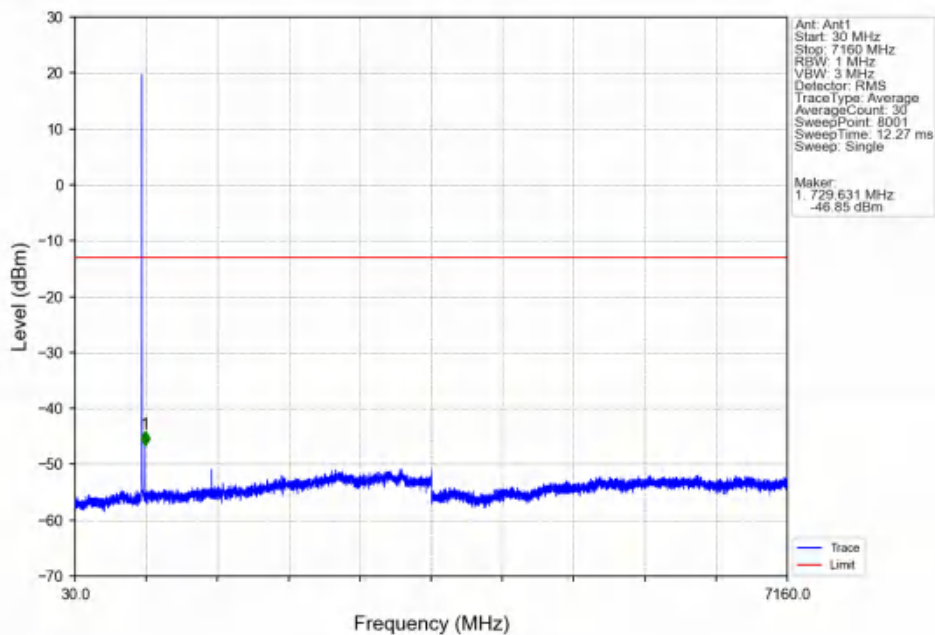
Band12 1.4MHz QPSK LCH 699.7MHz RB 1 0 NTNV



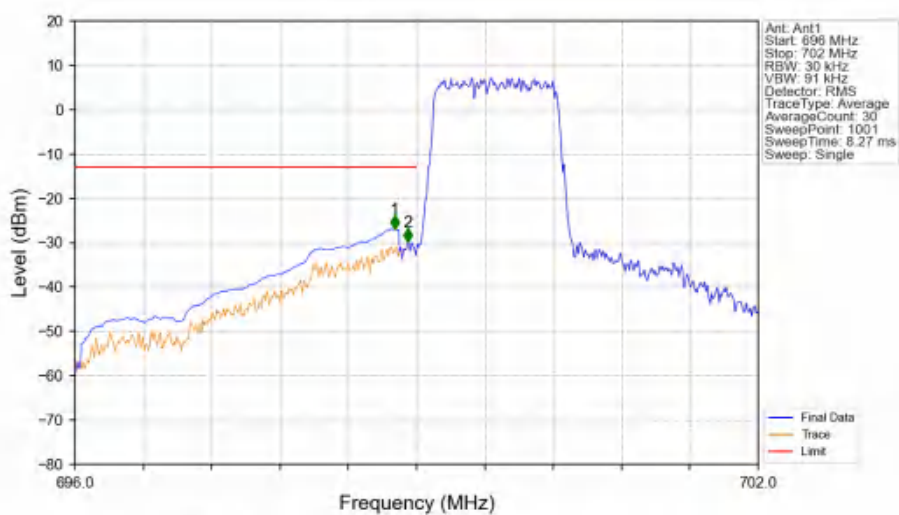
Band12 1.4MHz QPSK LCH 699.7MHz RB 1 0 NTNV



Band12 1.4MHz QPSK LCH 699.7MHz RB 1 0 NTV

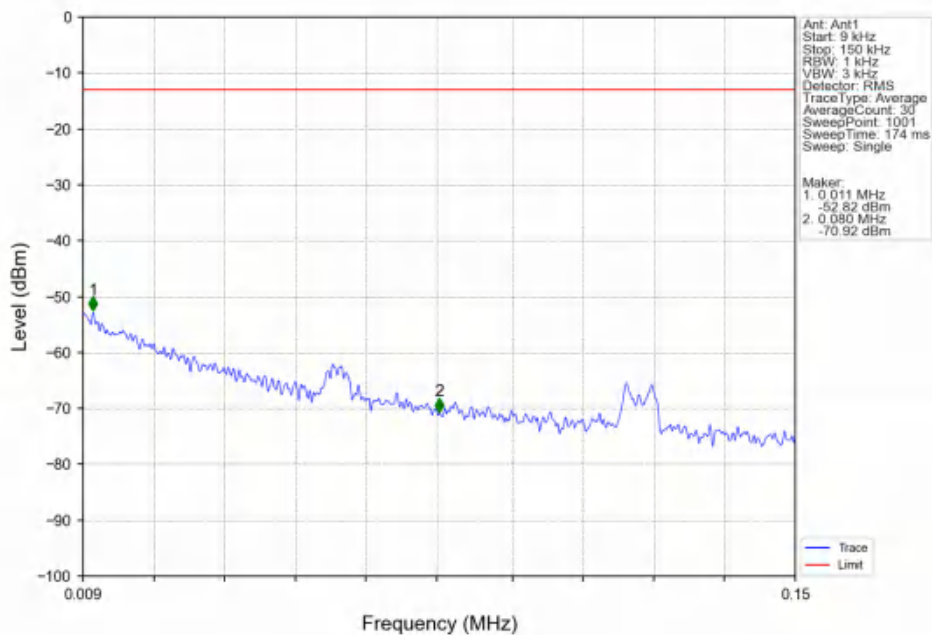


Band12 1.4MHz QPSK LCH 699.7MHz RB 6 0 NTV

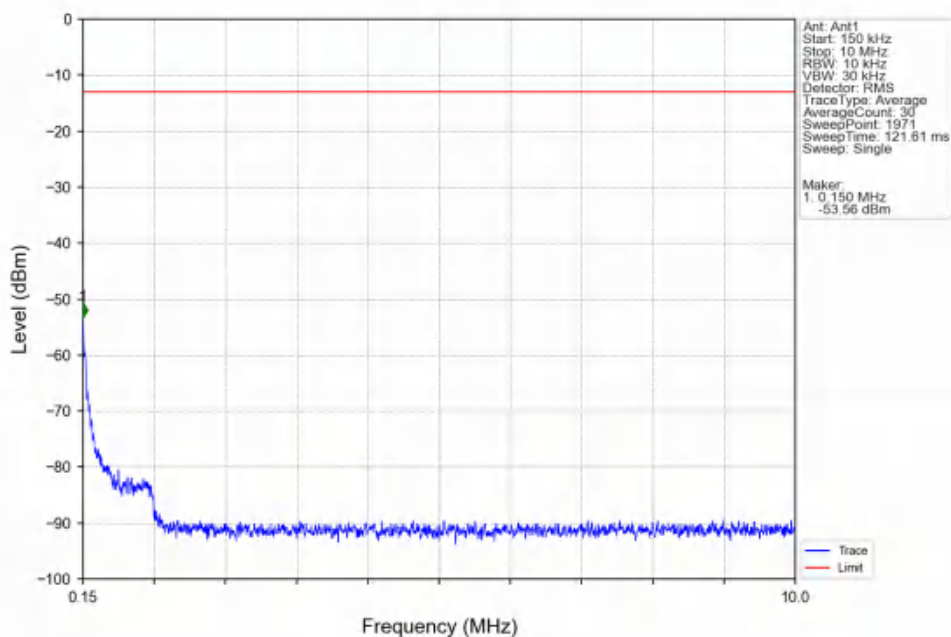


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.808	-26.92	-13	Pass
698.9	699	0.03	/	2	698.922	-29.81	-13	Pass
699	702	0.03	/	/	/	/	/	/

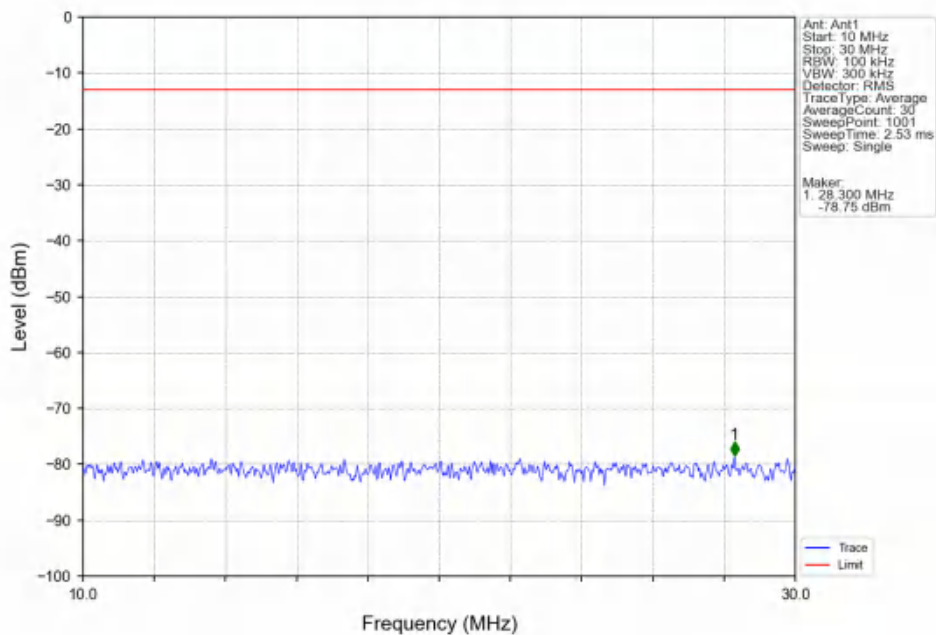
Band12 1.4MHz QPSK MCH 707.5MHz RB 1 0 NTNV



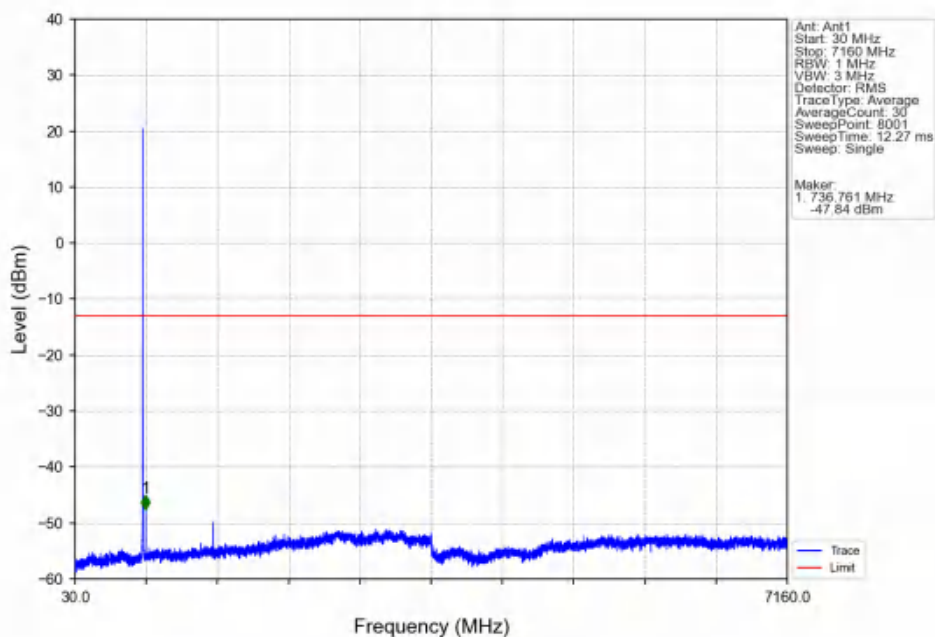
Band12 1.4MHz QPSK MCH 707.5MHz RB 1 0 NTNV



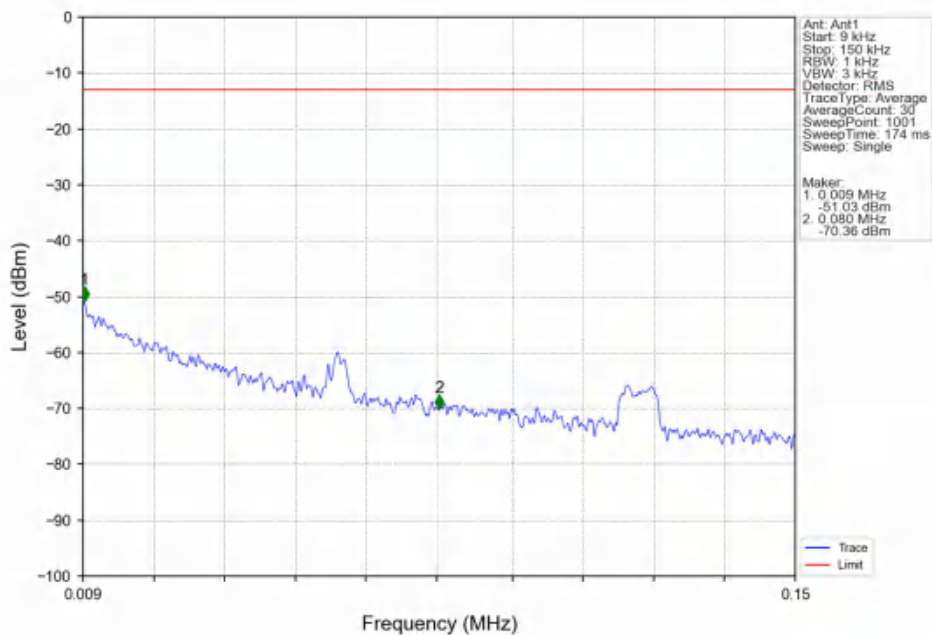
Band12 1.4MHz QPSK MCH 707.5MHz RB 1 0 NTNV



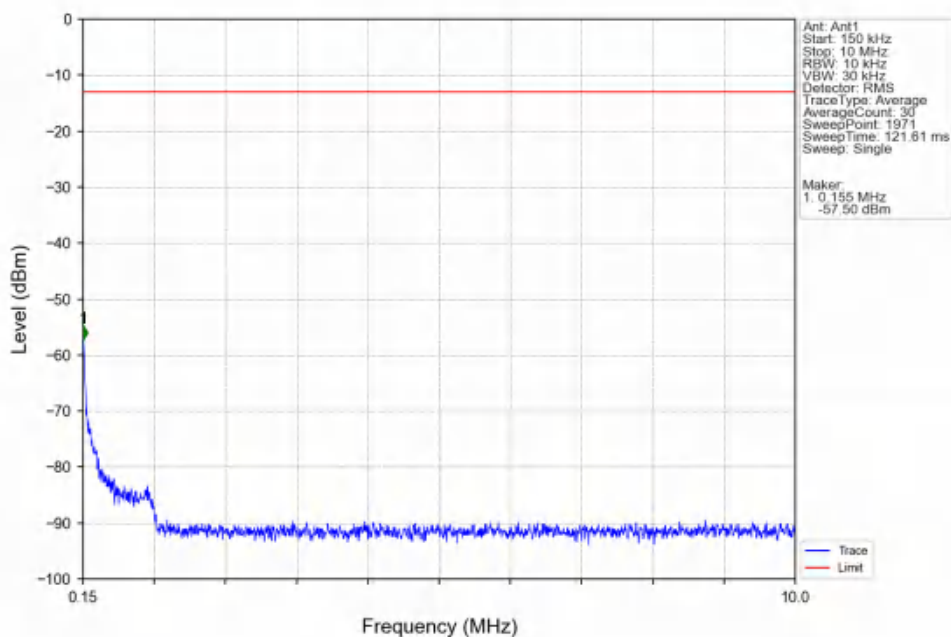
Band12 1.4MHz QPSK MCH 707.5MHz RB 1 0 NTNV



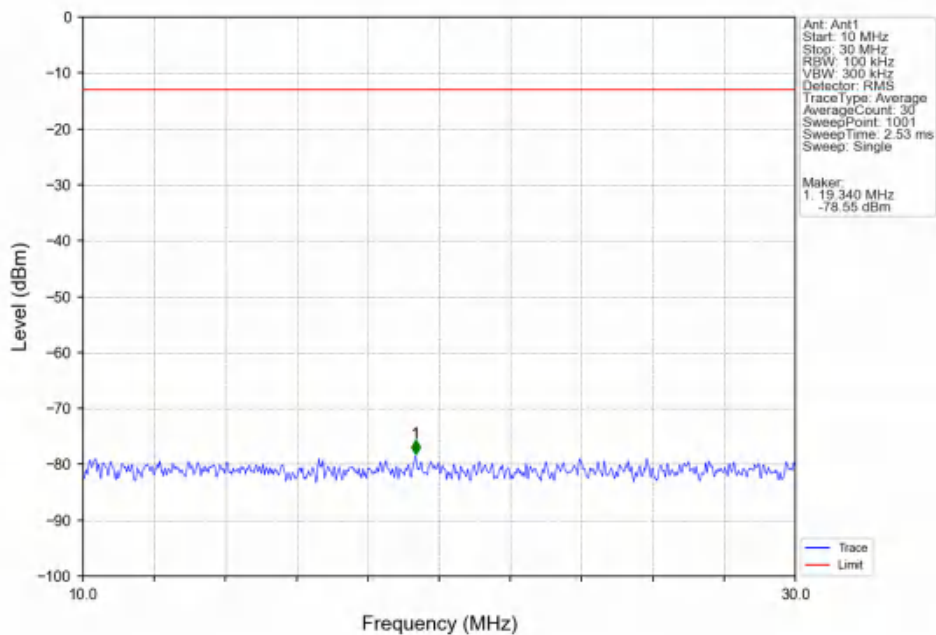
Band12 1.4MHz QPSK HCH 715.3MHz RB 1 0 NTV



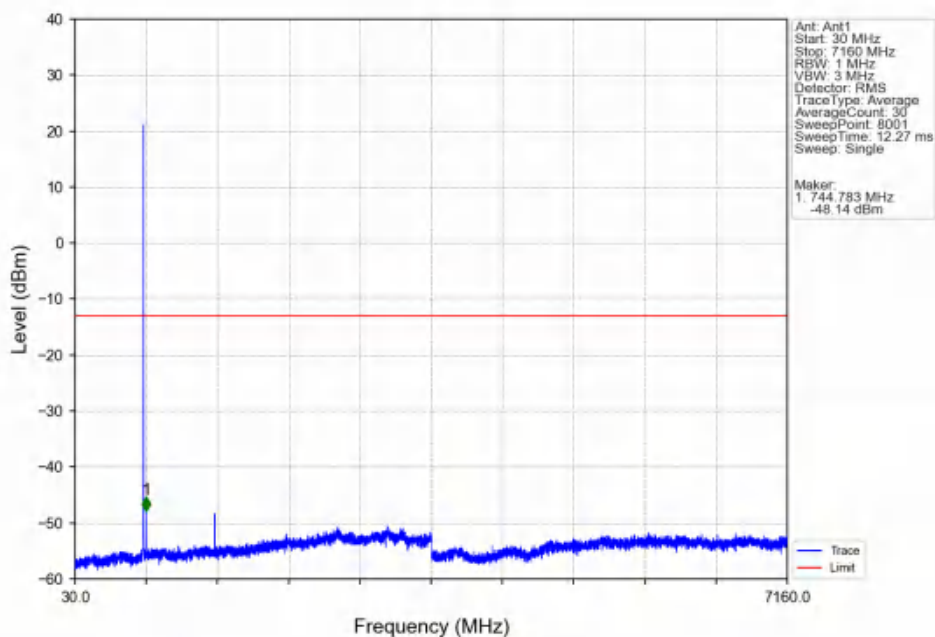
Band12 1.4MHz QPSK HCH 715.3MHz RB 1 0 NTV



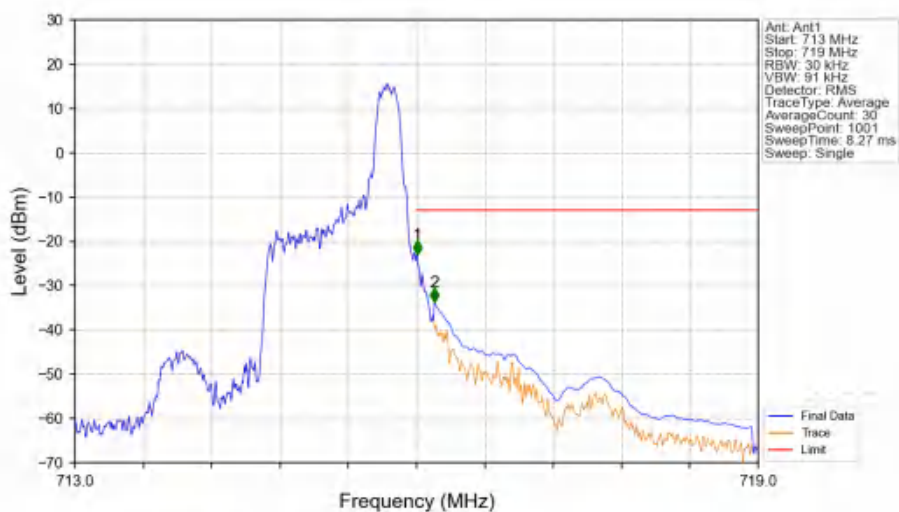
Band12 1.4MHz QPSK HCH 715.3MHz RB 1 0 NTV



Band12 1.4MHz QPSK HCH 715.3MHz RB 1 0 NTV

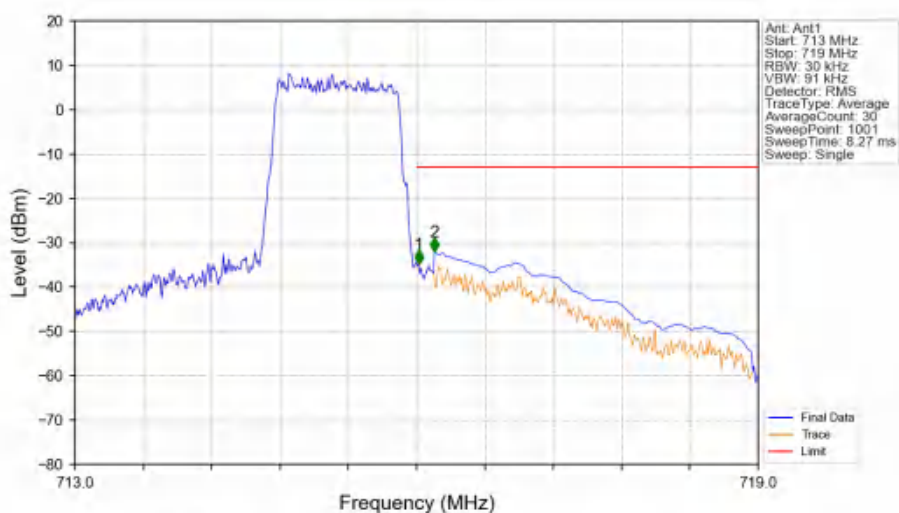


Band12 1.4MHz QPSK HCH 715.3MHz RB 1 5 NTNV



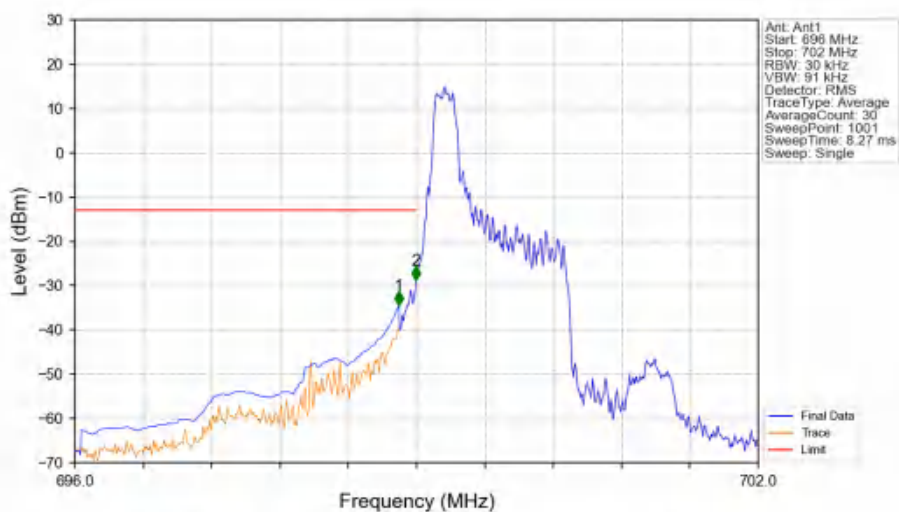
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.006	-22.91	-13	Pass
716.1	719	0.1	CHP	2	716.156	-33.71	-13	Pass

Band12 1.4MHz QPSK HCH 715.3MHz RB 6 0 NTNV



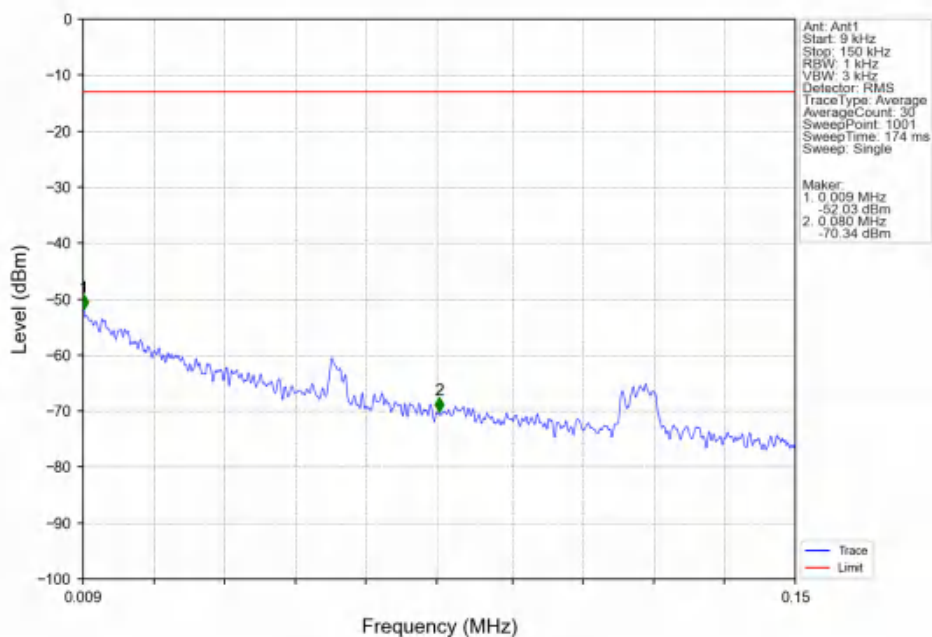
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.018	-34.82	-13	Pass
716.1	719	0.1	CHP	2	716.156	-32.00	-13	Pass

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

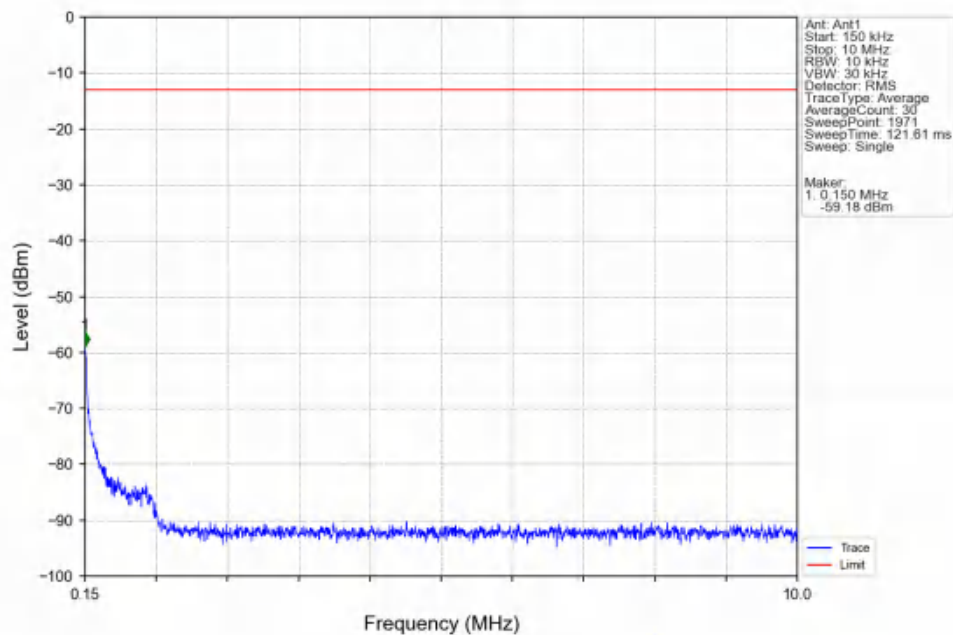


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-34.36	-13	Pass
698.9	699	0.03	/	2	698.994	-28.78	-13	Pass
699	702	0.03	/	/	/	/	/	/

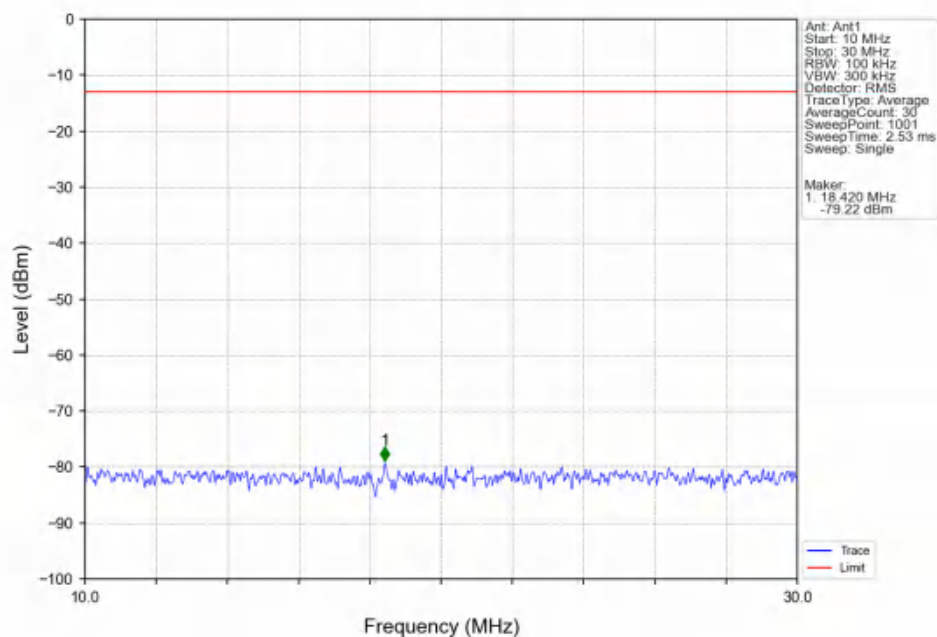
Band12 1.4MHz 16QAM LCH 699.7MHz RB 1 0 NTNV



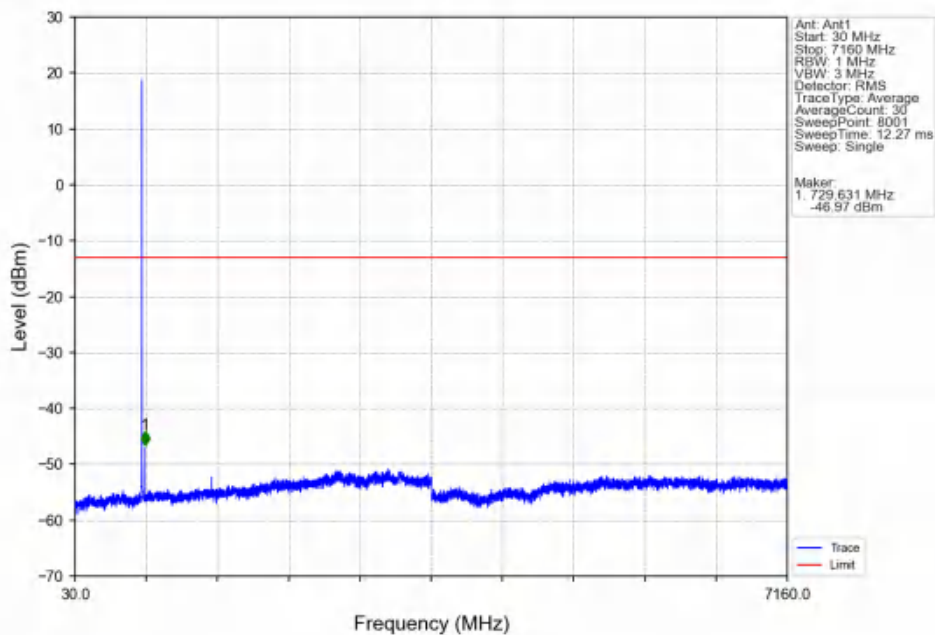
Band12 1.4MHz 16QAM LCH 699.7MHz RB 1 0 NTNV



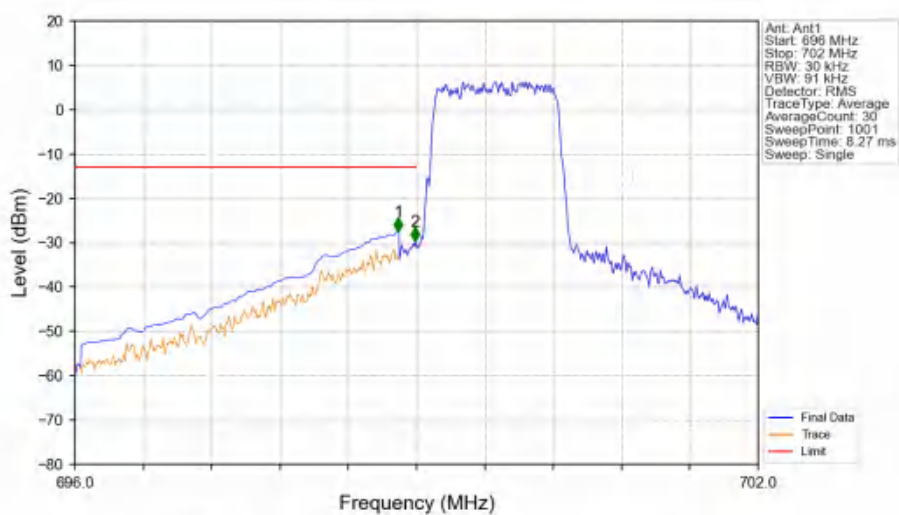
Band12 1.4MHz 16QAM LCH 699.7MHz RB 1 0 NTNV



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

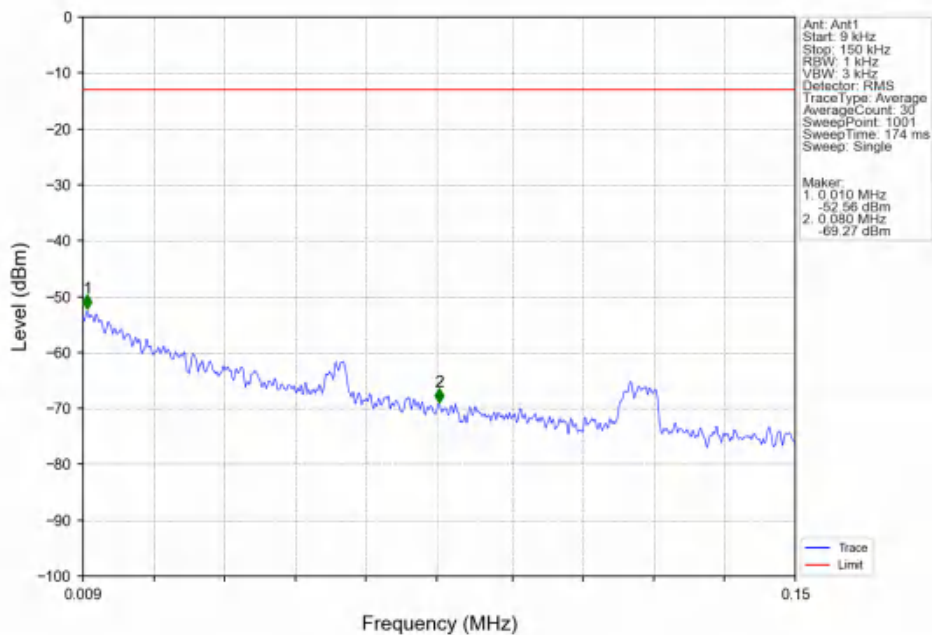


Band12 1.4MHz 16QAM LCH 699.7MHz RB 6 0 NTV

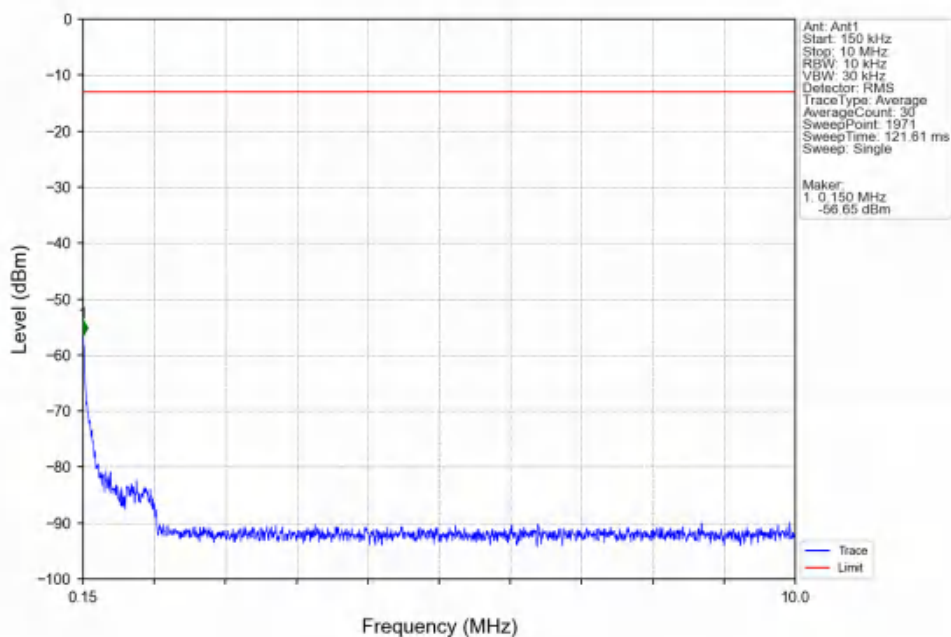


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.838	-27.54	-13	Pass
698.9	699	0.03	/	2	698.988	-29.69	-13	Pass
699	702	0.03	/	/	/	/	/	/

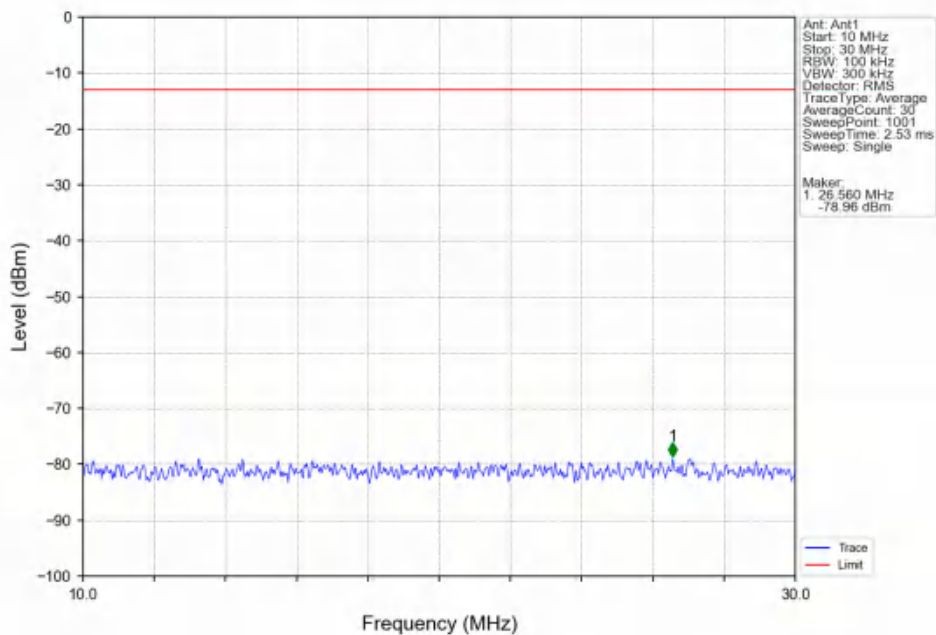
Band12 1.4MHz 16QAM MCH 707.5MHz RB 1 0 NTNV



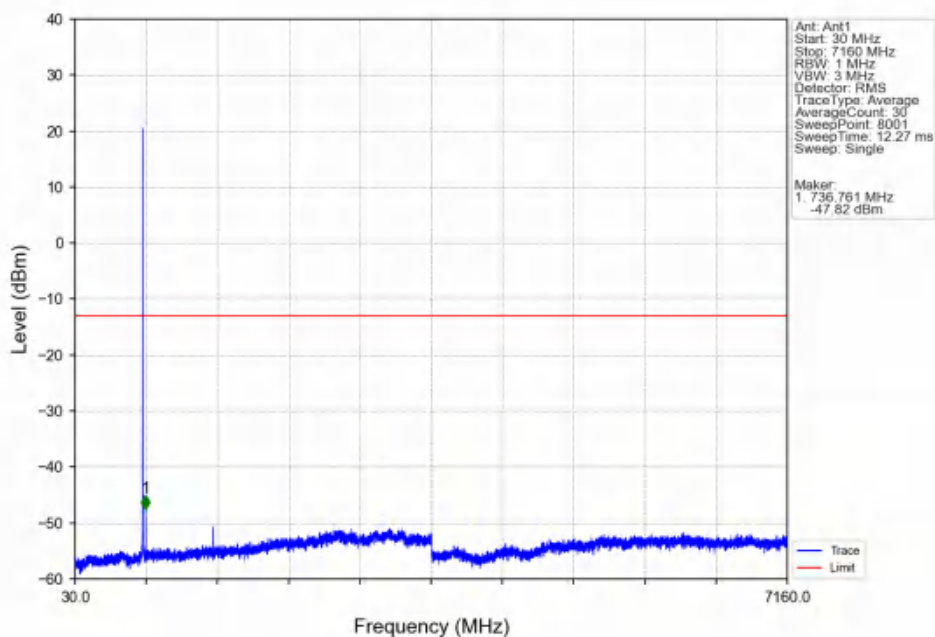
Band12 1.4MHz 16QAM MCH 707.5MHz RB 1 0 NTNV



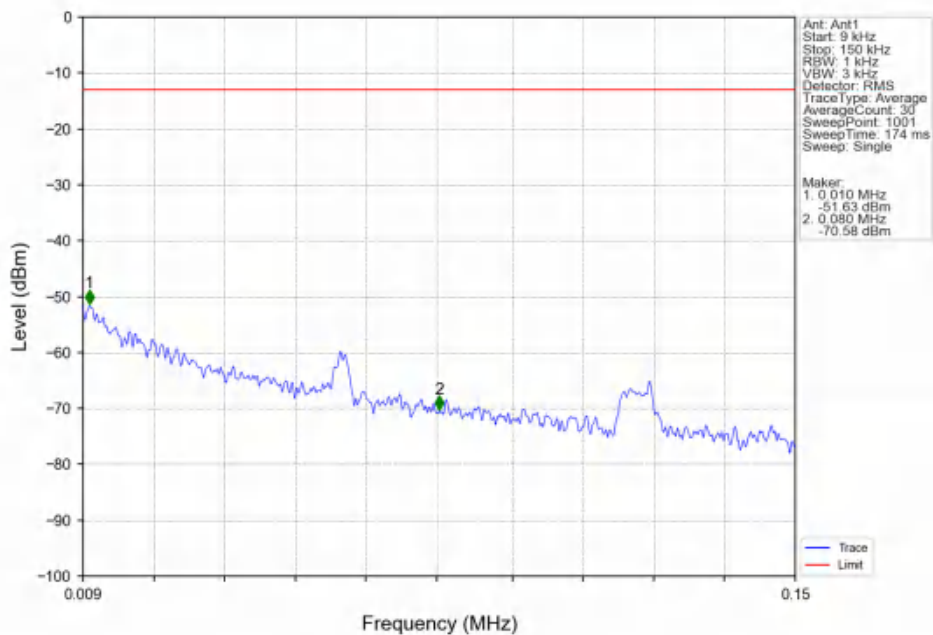
Band12 1.4MHz 16QAM MCH 707.5MHz RB 1 0 NTNV



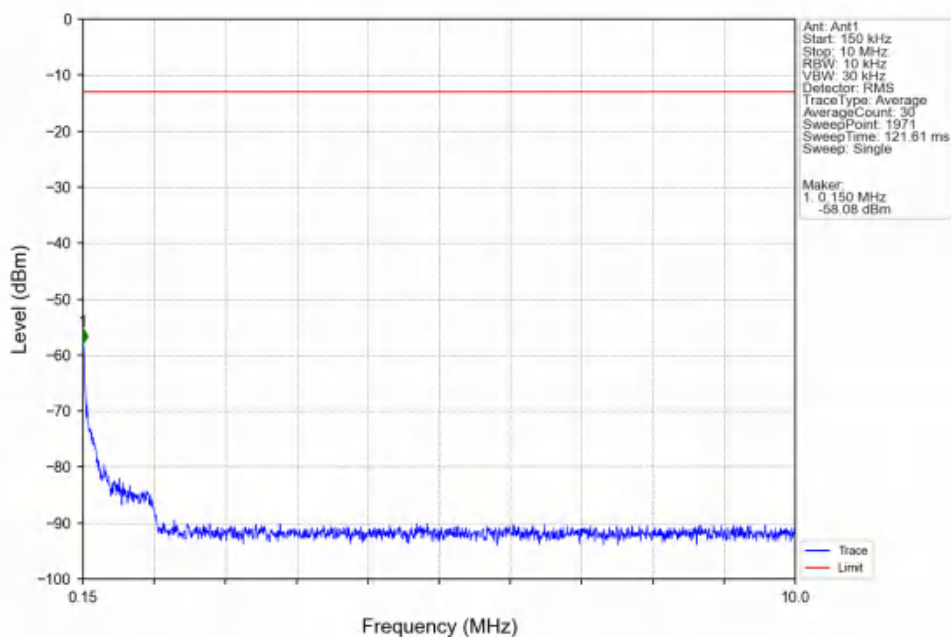
Band12 1.4MHz 16QAM MCH 707.5MHz RB 1 0 NTNV



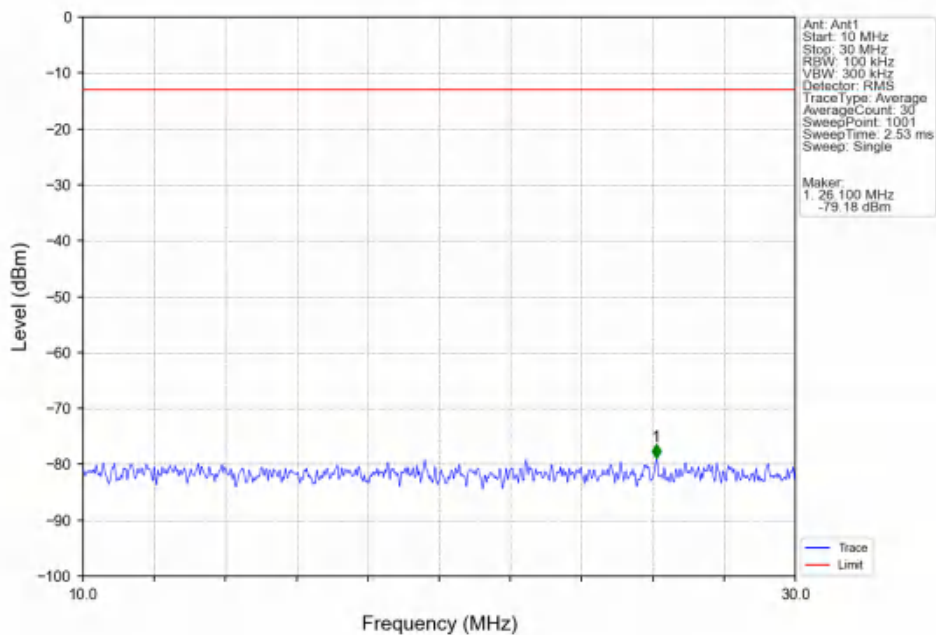
Band12 1.4MHz 16QAM HCH 715.3MHz RB 1 0 NTNV



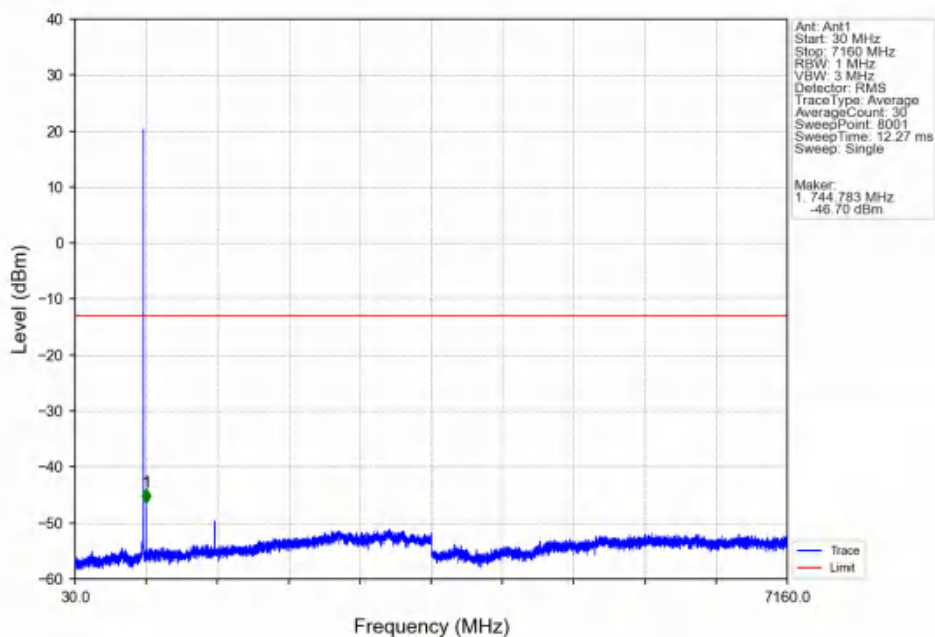
Band12 1.4MHz 16QAM HCH 715.3MHz RB 1 0 NTNV



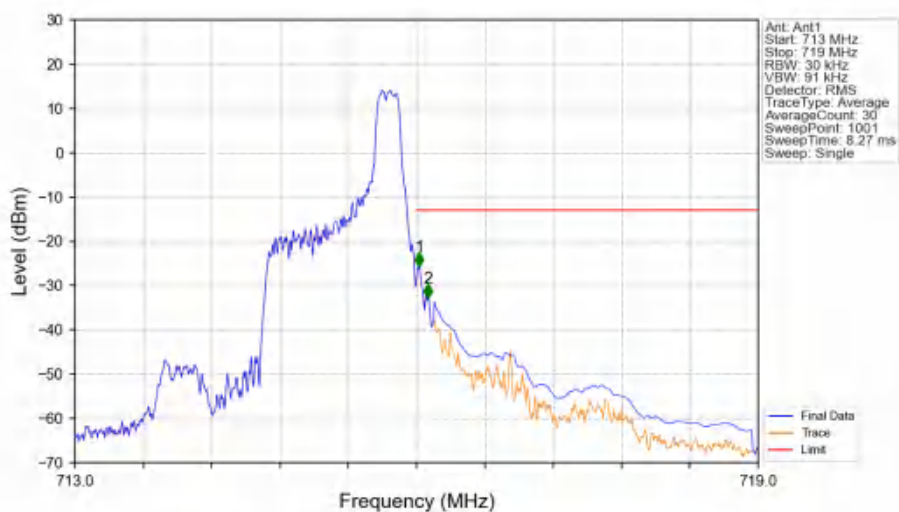
Band12 1.4MHz 16QAM HCH 715.3MHz RB 1 0 NTN



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

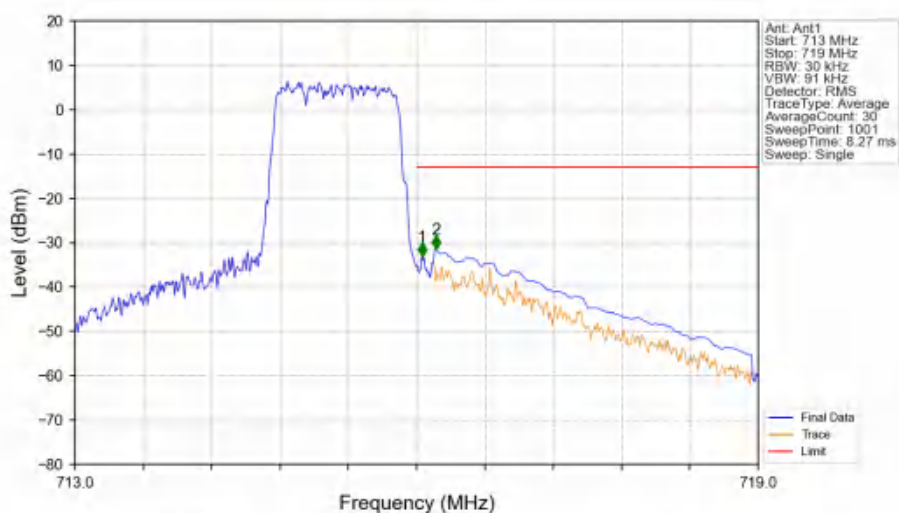


Band12 1.4MHz 16QAM HCH 715.3MHz RB 1 5 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.024	-25.60	-13	Pass
716.1	719	0.1	CHP	2	716.102	-32.78	-13	Pass

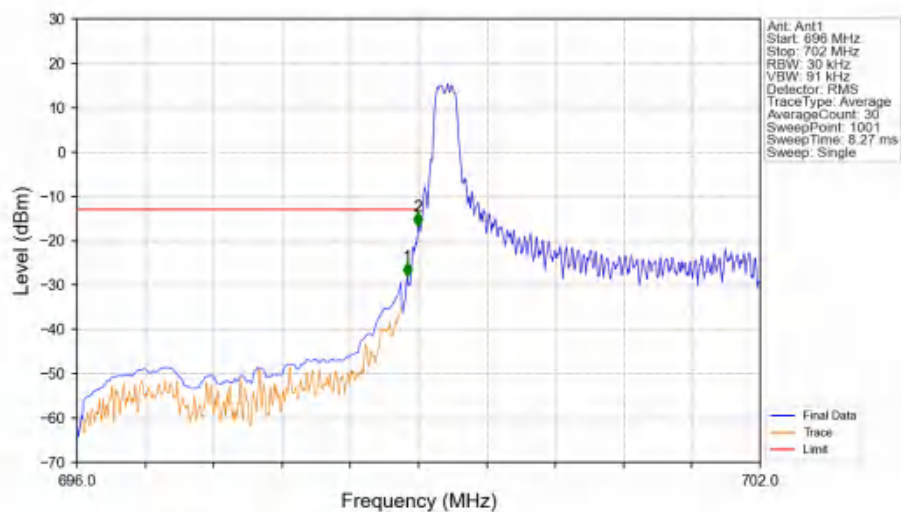
Band12 1.4MHz 16QAM HCH 715.3MHz RB 6 0 NTNV



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	716.048	-33.16	-13	Pass
716.1	719	0.1	CHP	2	716.168	-31.57	-13	Pass

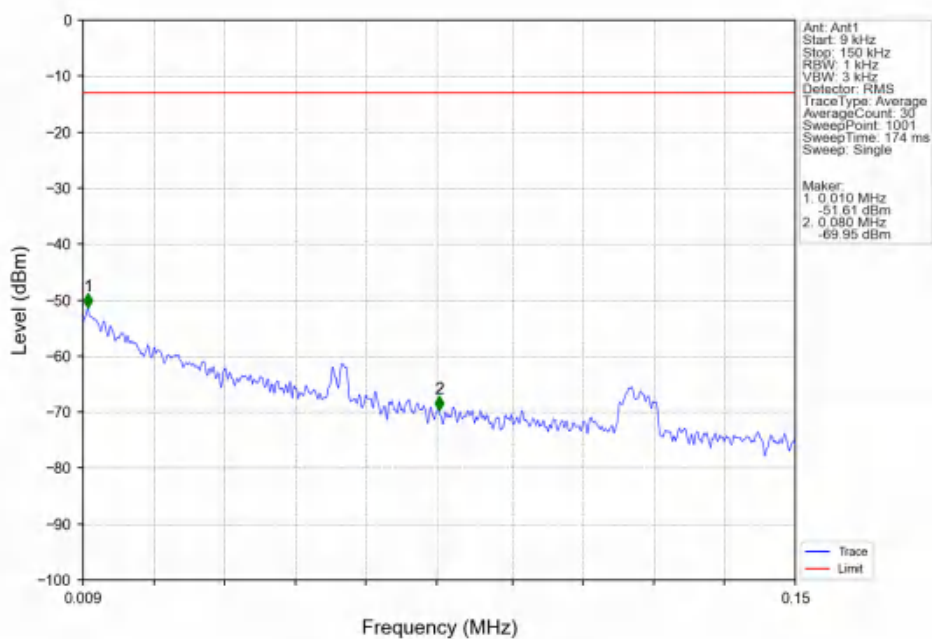
6.2.2 B12_3MHz

Band12_3MHz_QPSK_LCH_700.5MHz_RB_1_0_NTNV

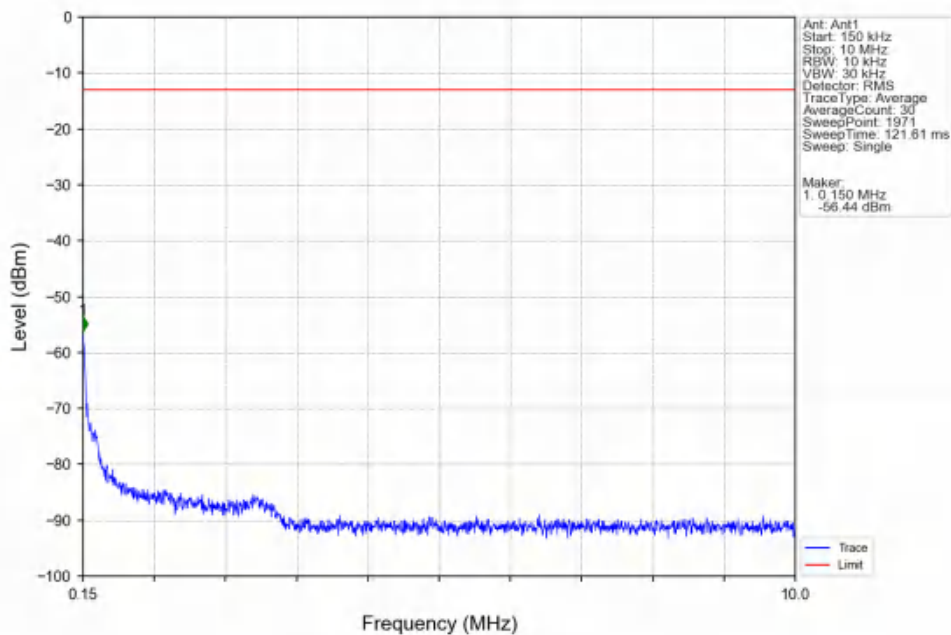


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.898	-28.12	-13	Pass
698.9	699	0.03	/	2	698.994	-16.81	-13	Pass
699	702	0.03	/	/	/	/	/	/

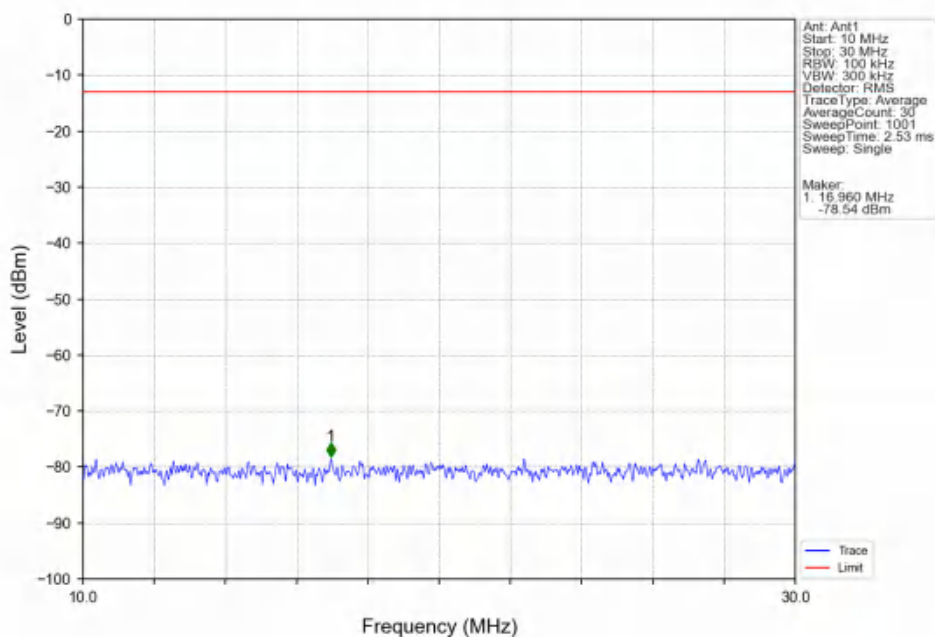
Band12_3MHz_QPSK_LCH_700.5MHz_RB_1_0_NTNV



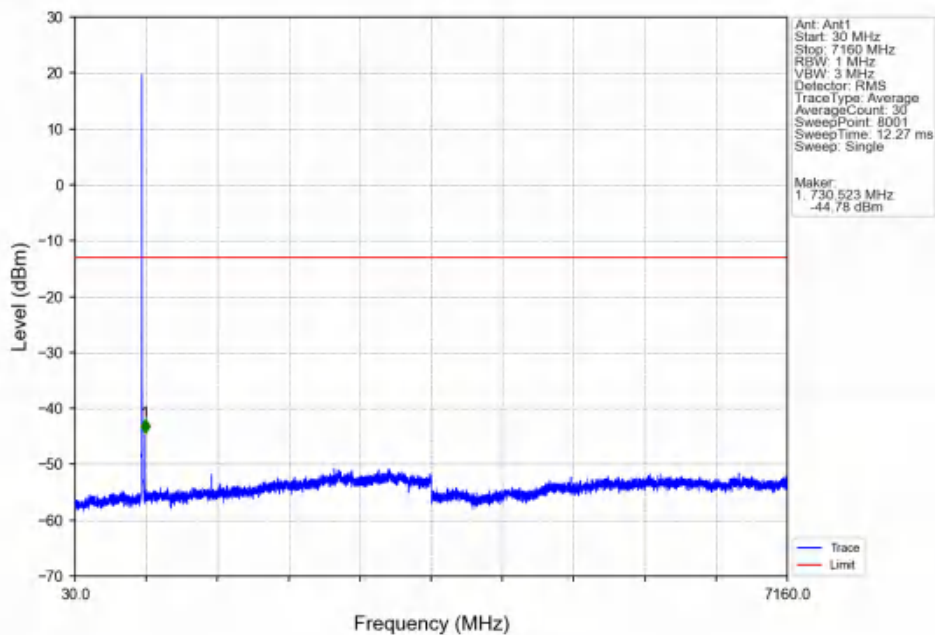
Band12 3MHz QPSK LCH 700.5MHz RB 1 0 NTN



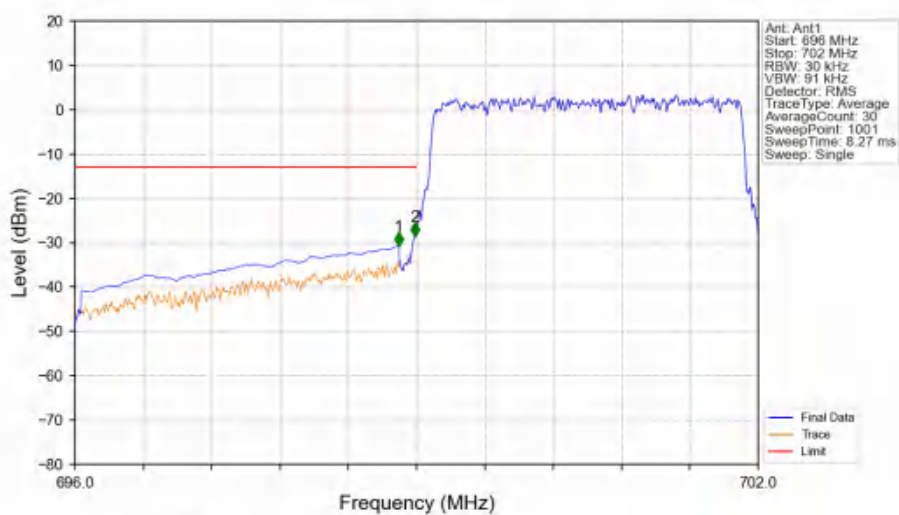
Band12 3MHz QPSK LCH 700.5MHz RB 1 0 NTN



Band12 3MHz QPSK LCH 700.5MHz RB 1 0 NTNV

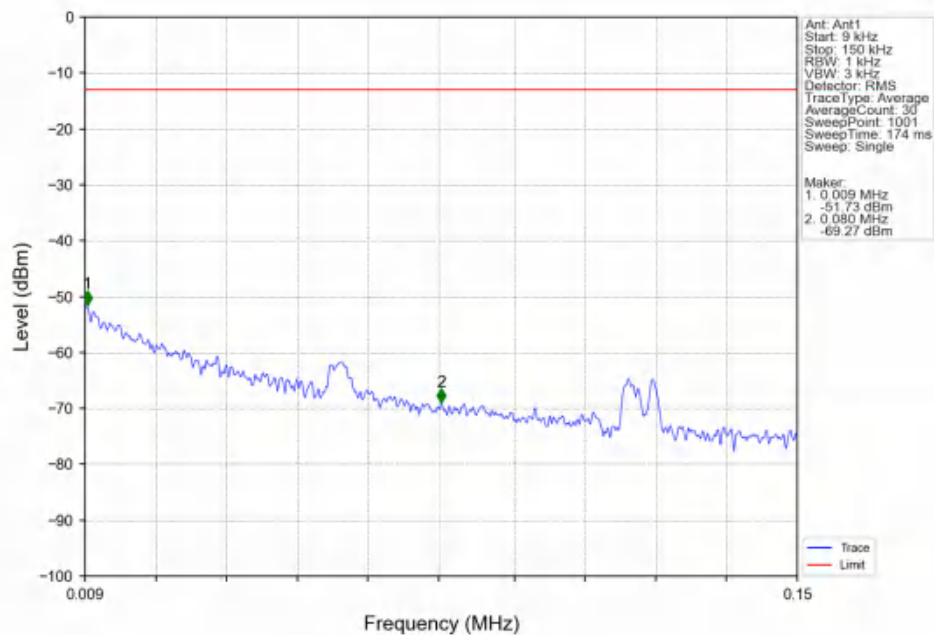


Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV

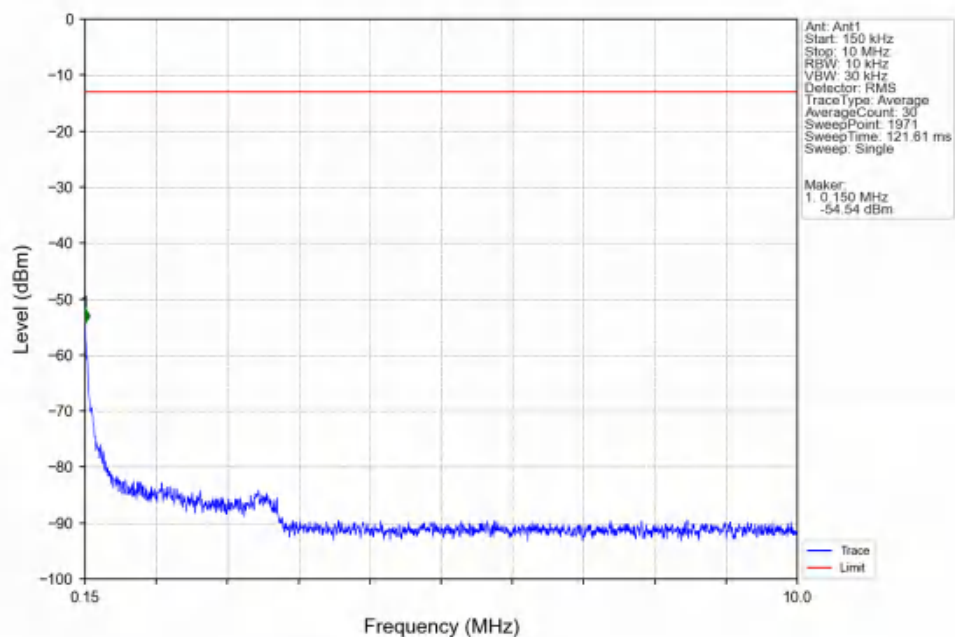


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-30.70	-13	Pass
698.9	699	0.03	/	2	698.988	-28.53	-13	Pass
699	702	0.03	/	/	/	/	/	/

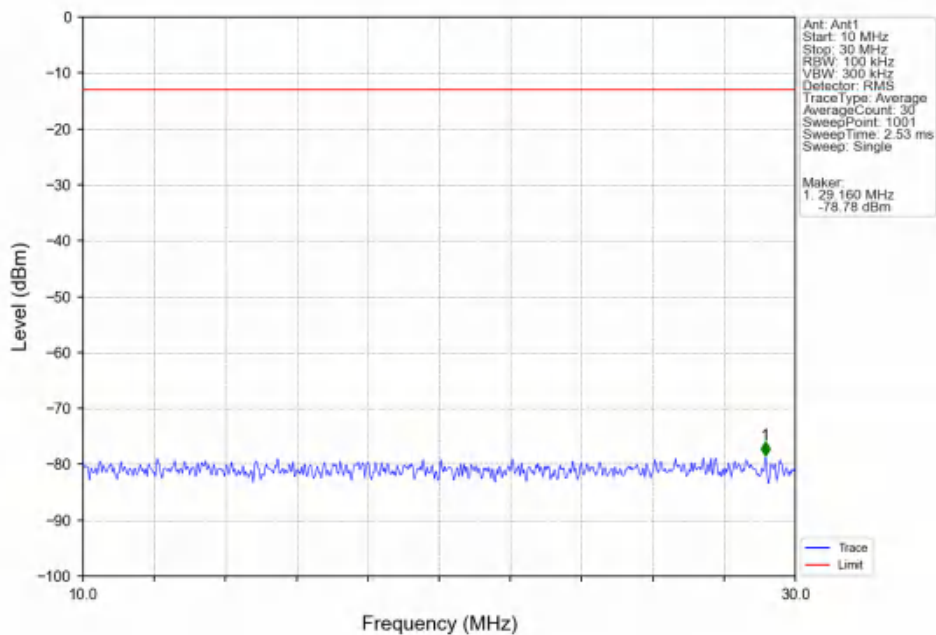
Band12 3MHz QPSK MCH 707.5MHz RB 1 0 NTNV



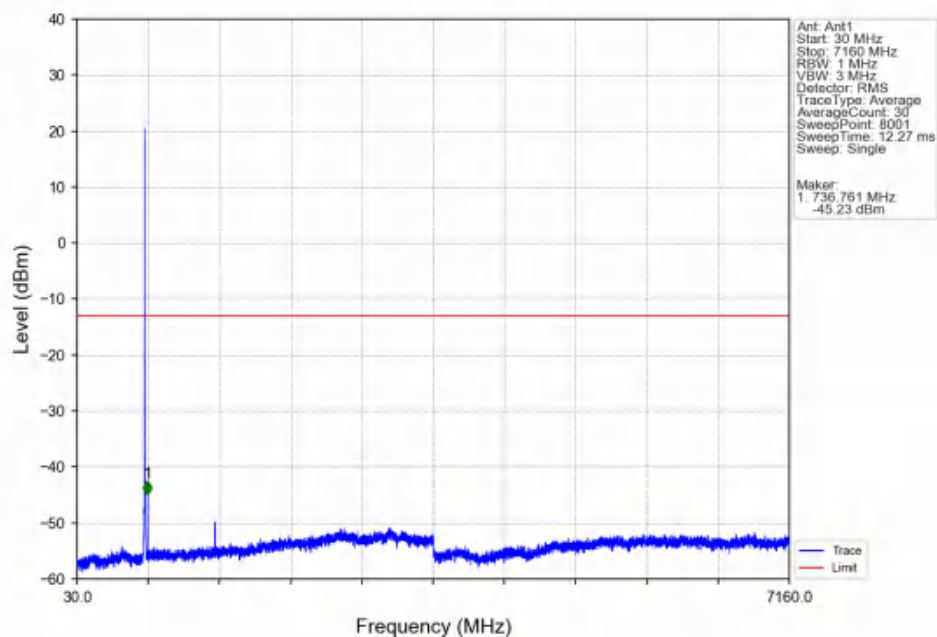
Band12 3MHz QPSK MCH 707.5MHz RB 1 0 NTNV



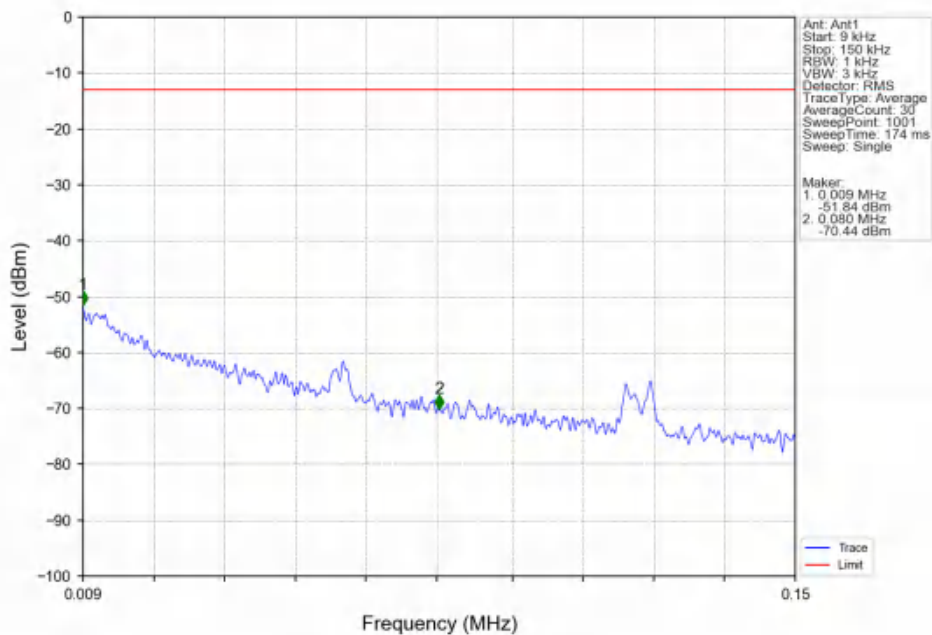
Band12 3MHz QPSK MCH 707.5MHz RB 1 0 NTNV



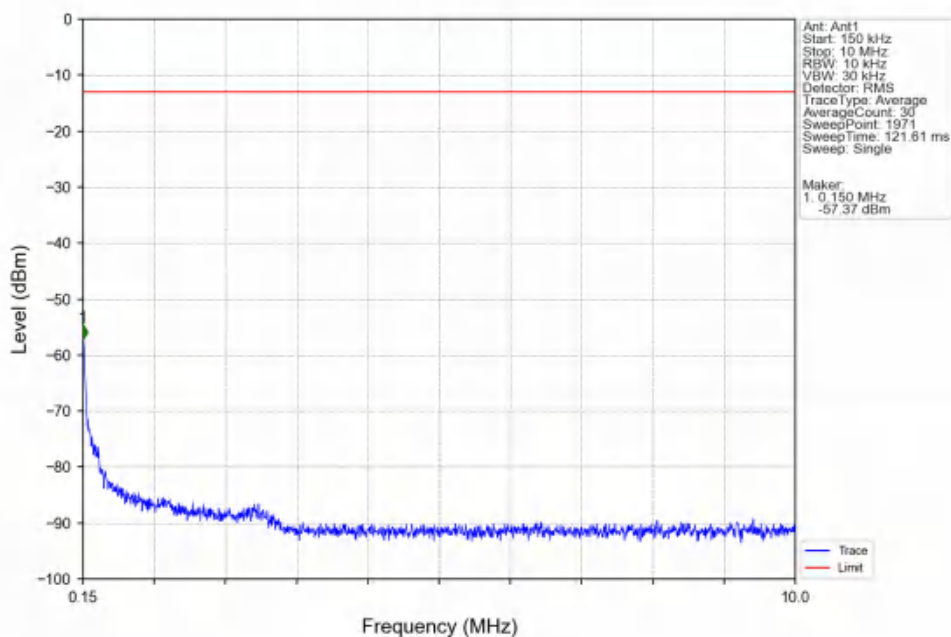
Band12 3MHz QPSK MCH 707.5MHz RB 1 0 NTNV



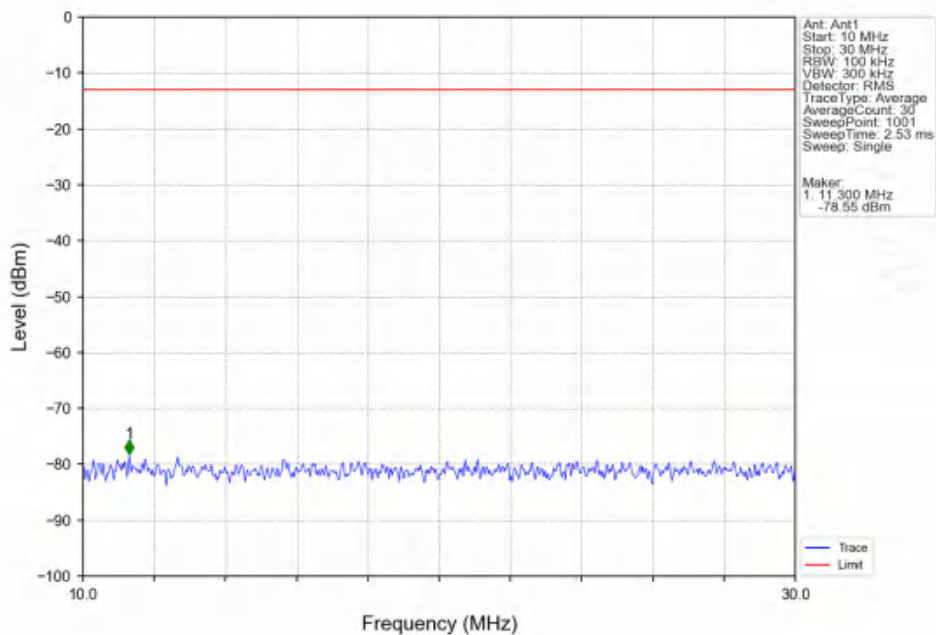
Band12 3MHz QPSK HCH 714.5MHz RB 1 0 NTN



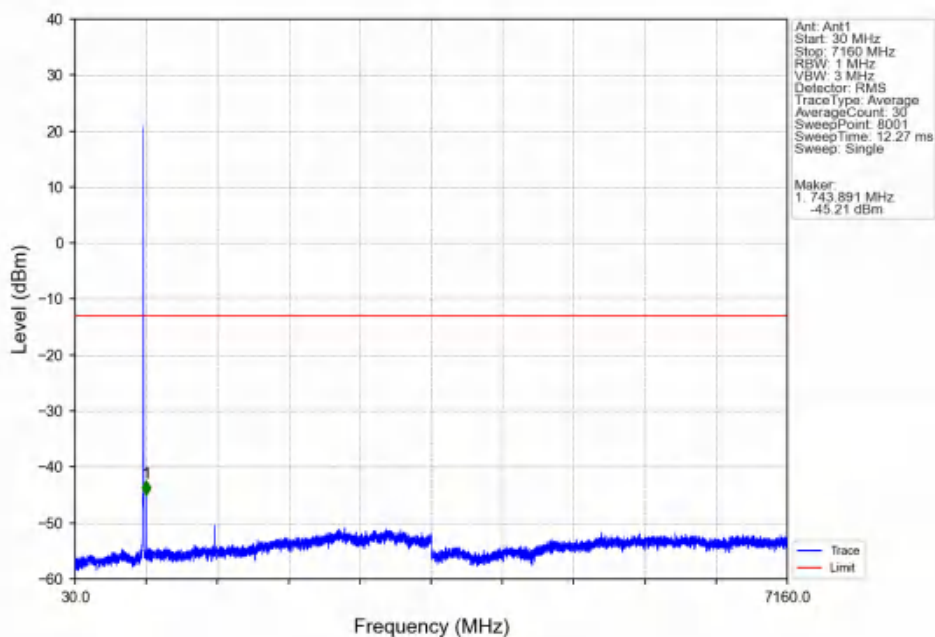
Band12 3MHz QPSK HCH 714.5MHz RB 1 0 NTN



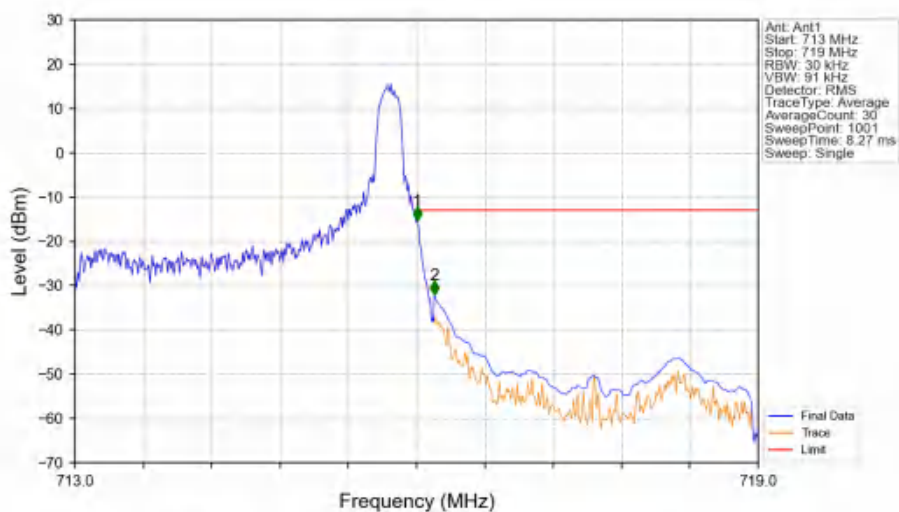
Band12 3MHz QPSK HCH 714.5MHz RB 1 0 NTN



Band12 3MHz QPSK HCH 714.5MHz RB 1 0 NTN

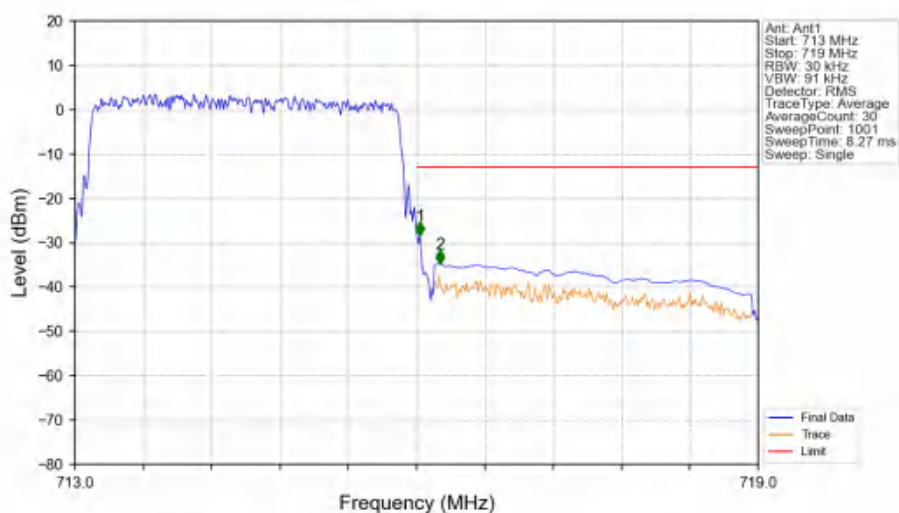


Band12 3MHz QPSK HCH 714.5MHz RB 1 14 NTV



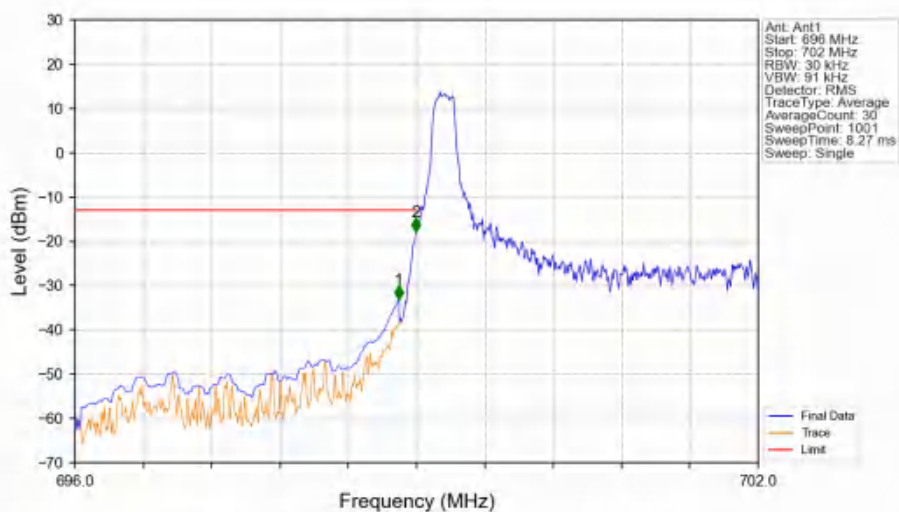
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.006	-15.26	-13	Pass
716.1	719	0.1	CHP	2	716.156	-32.06	-13	Pass

Band12 3MHz QPSK HCH 714.5MHz RB 15 0 NTV

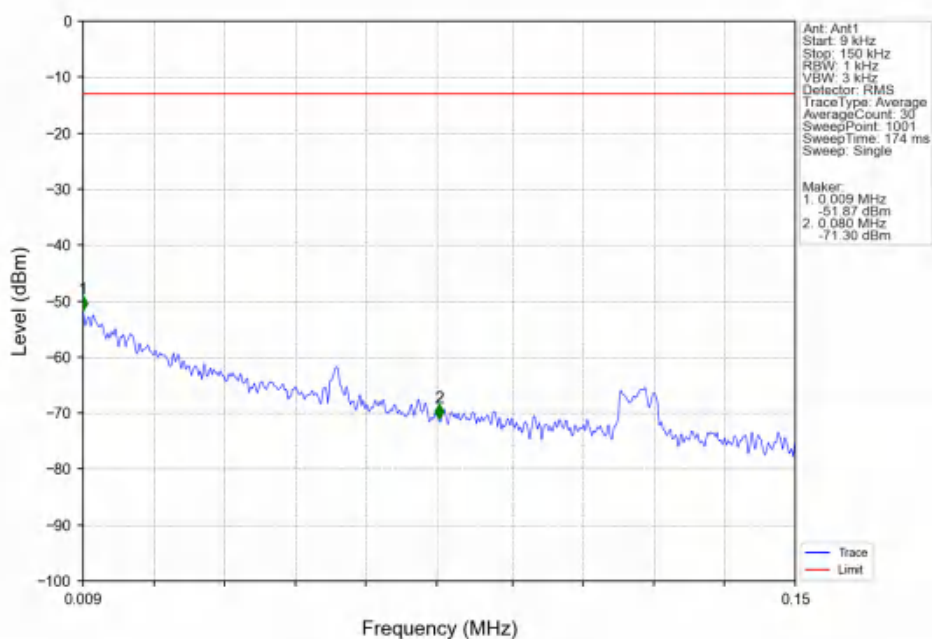


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.030	-28.39	-13	Pass
716.1	719	0.1	CHP	2	716.204	-34.78	-13	Pass

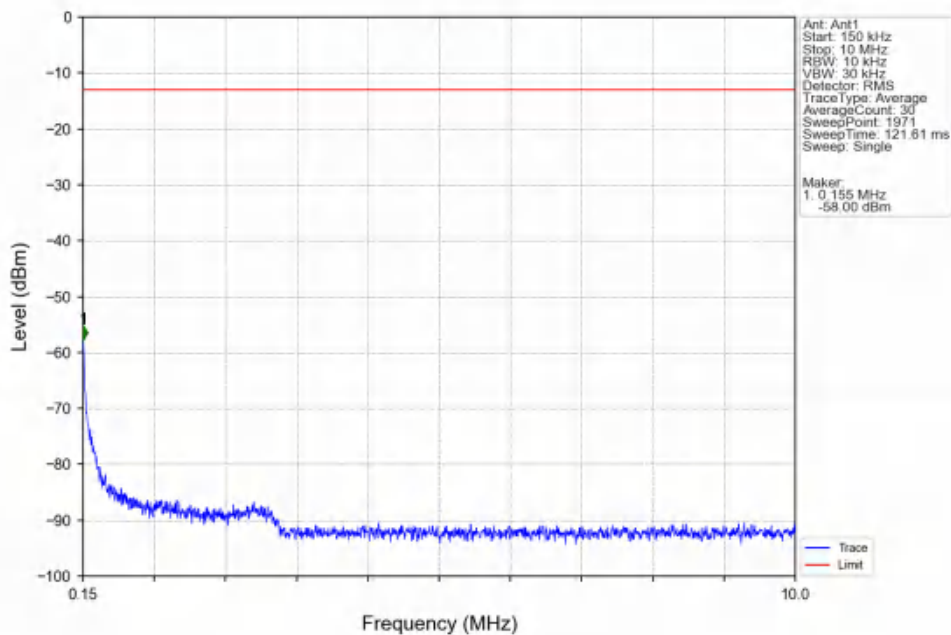
Band12_3MHz_16QAM_LCH_700.5MHz_RB_1_0_NTNV



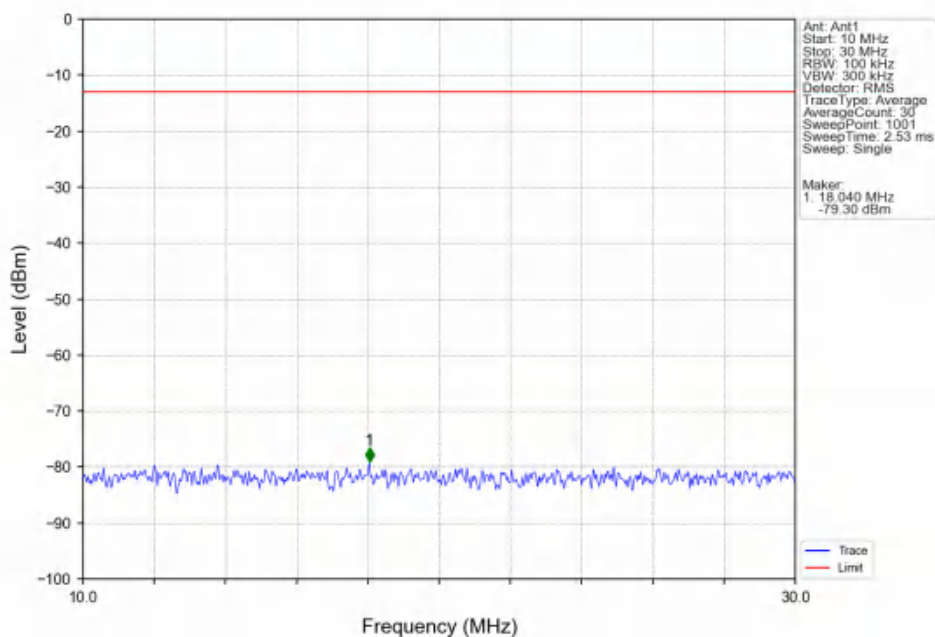
Band12_3MHz_16QAM_LCH_700.5MHz_RB_1_0_NTNV



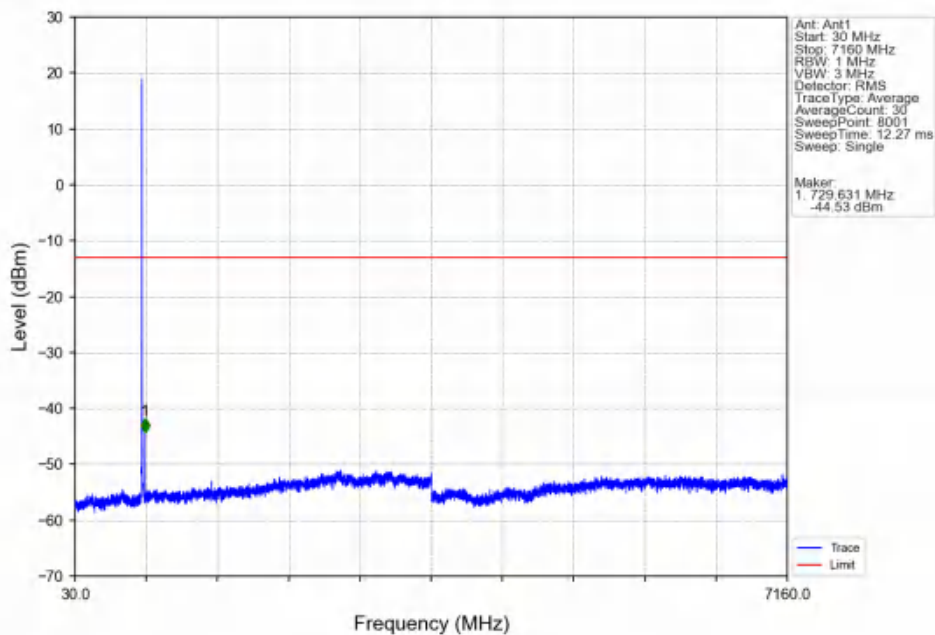
Band12 3MHz 16QAM LCH 700.5MHz RB 1 0 NTNV



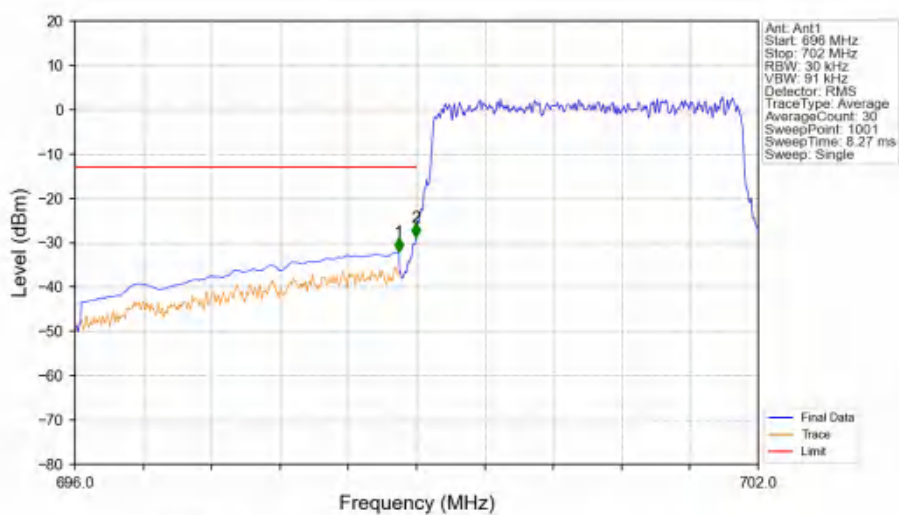
Band12 3MHz 16QAM LCH 700.5MHz RB 1 0 NTNV



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

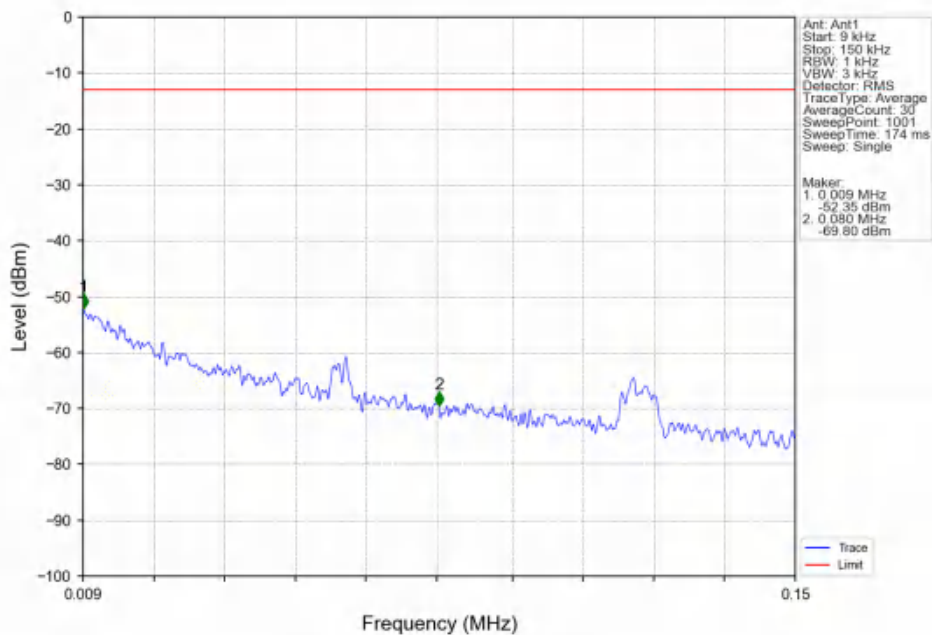


Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTV

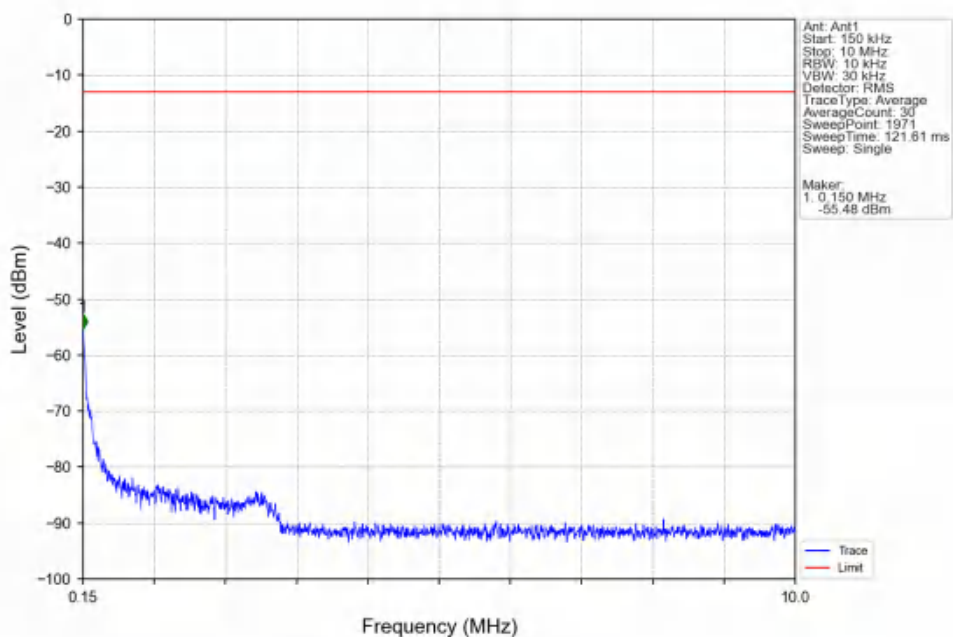


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-32.08	-13	Pass
698.9	699	0.03	/	2	698.994	-28.78	-13	Pass
699	702	0.03	/	/	/	/	/	/

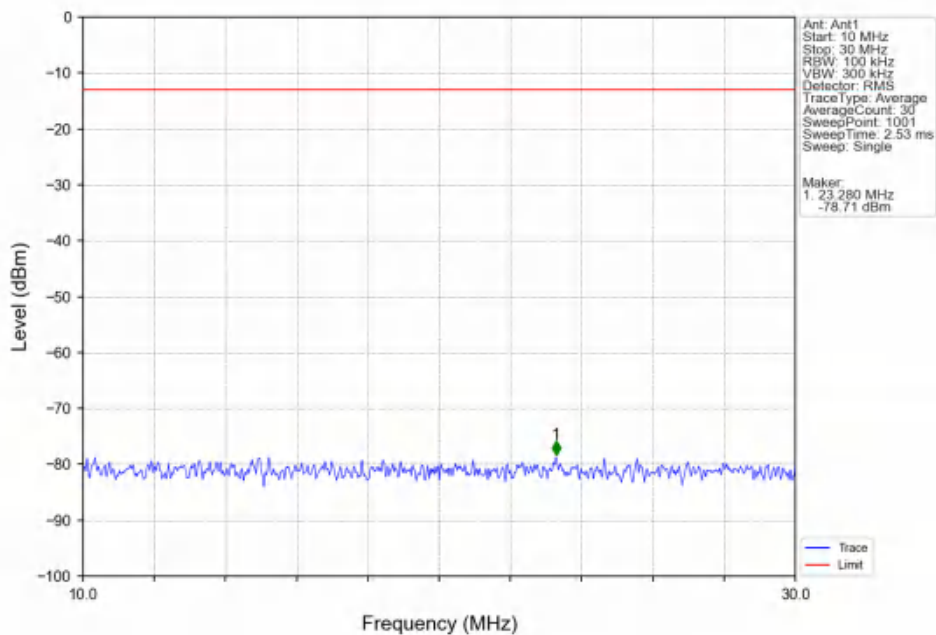
Band12 3MHz 16QAM MCH 707.5MHz RB 1 0 NTV



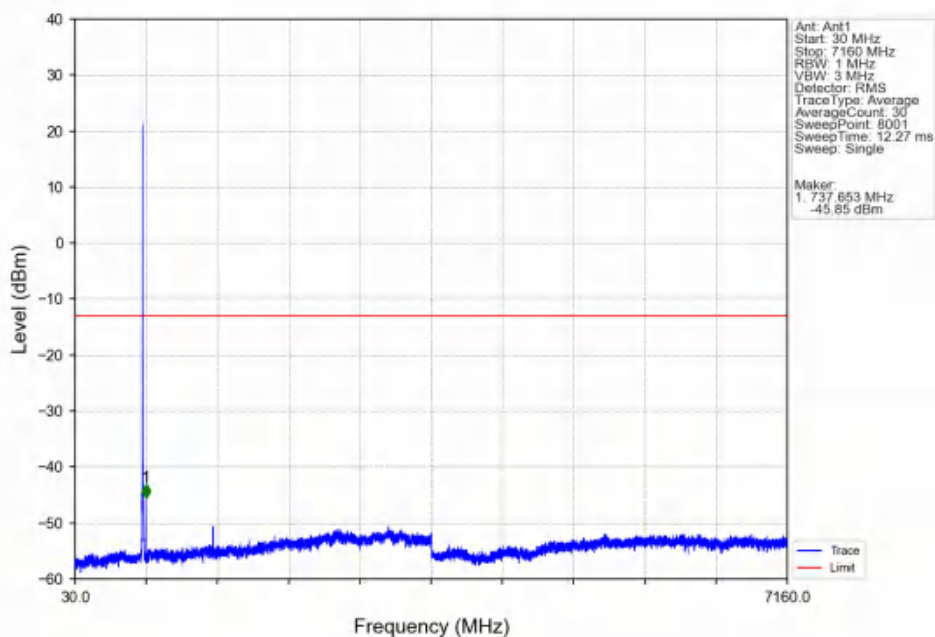
Band12 3MHz 16QAM MCH 707.5MHz RB 1 0 NTV



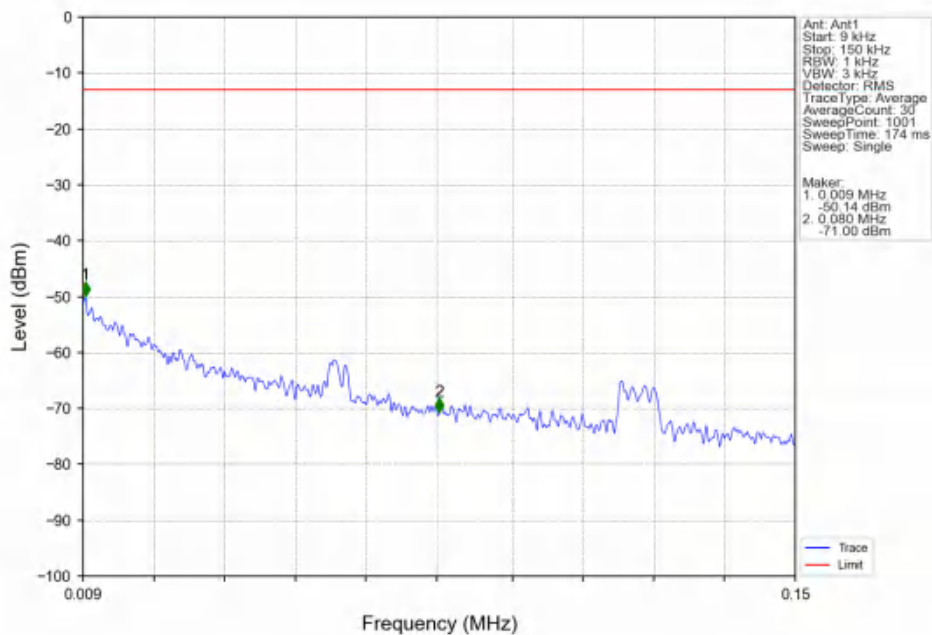
Band12 3MHz 16QAM MCH 707.5MHz RB 1 0 NTV



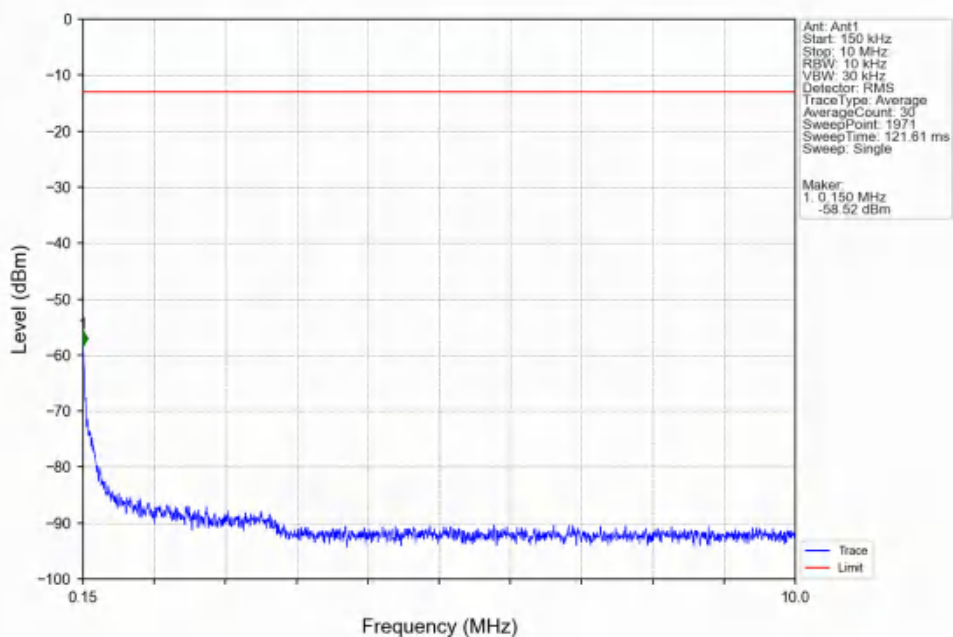
Band12 3MHz 16QAM MCH 707.5MHz RB 1 0 NTV



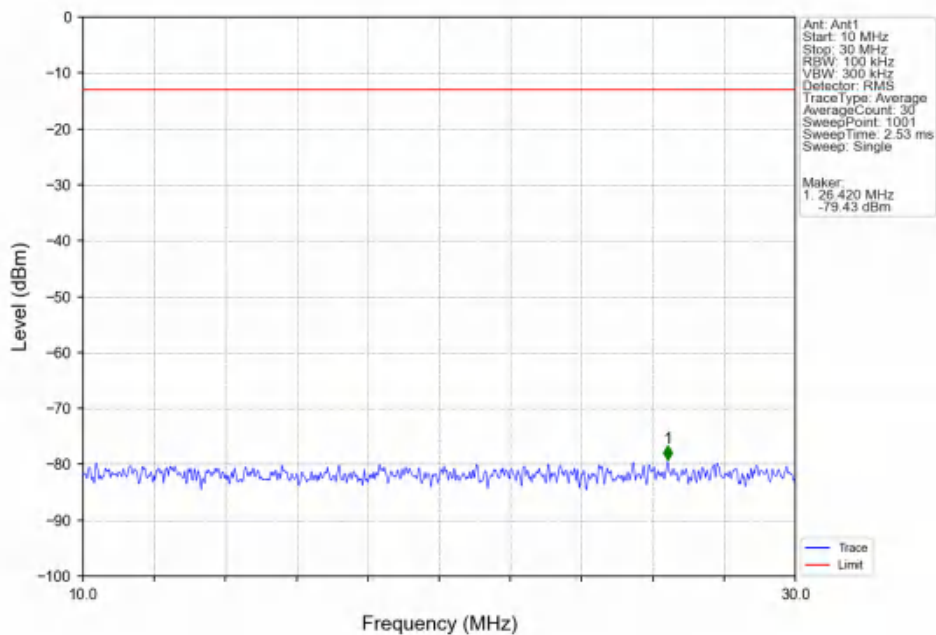
Band12 3MHz 16QAM HCH 714.5MHz RB 1 0 NTV



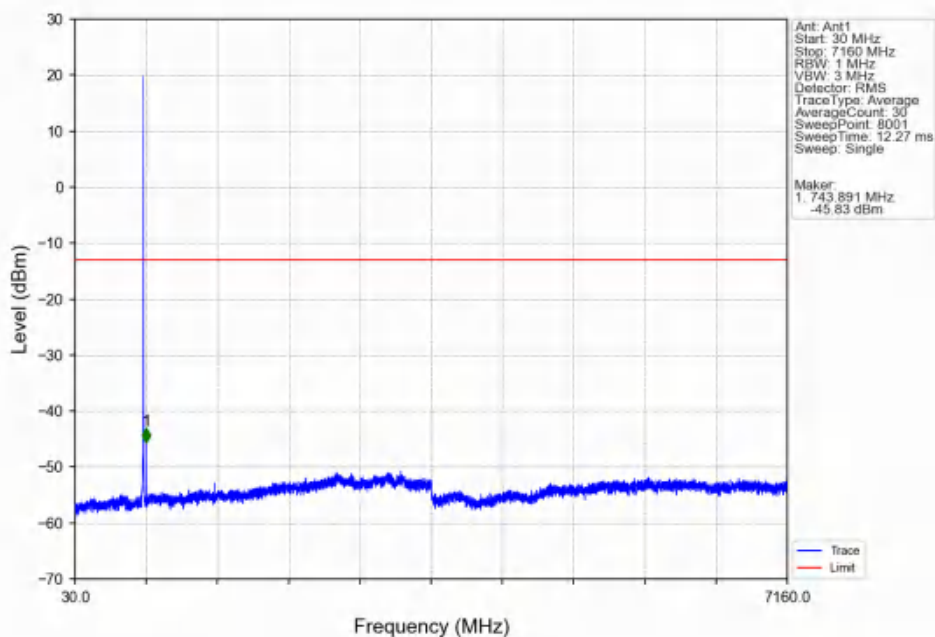
Band12_3MHz_16QAM_HCH_714.5MHz_RB_1_0_NTV



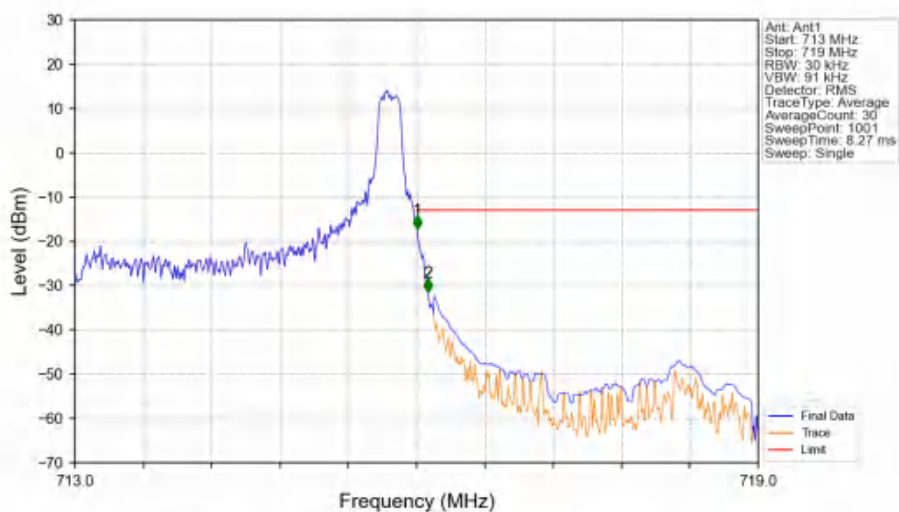
Band12 3MHz 16QAM HCH 714.5MHz RB 1 0 NTV



Band12_3MHz_16QAM_HCH_714.5MHz_RB_1_0_NTV

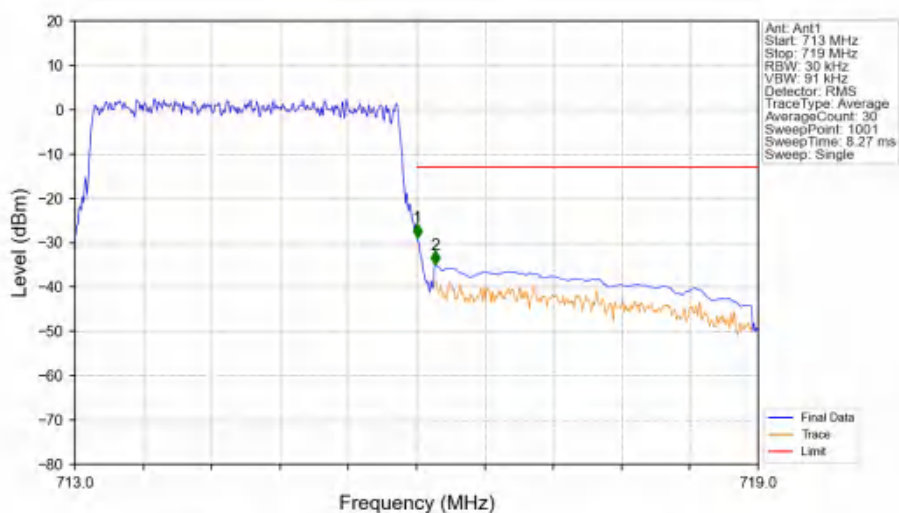


Band12 3MHz 16QAM HCH 714.5MHz RB 1 14 NTV



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	-17.35	-13	Pass
716.1	719	0.1	CHP	2	716.102	-31.55	-13	Pass

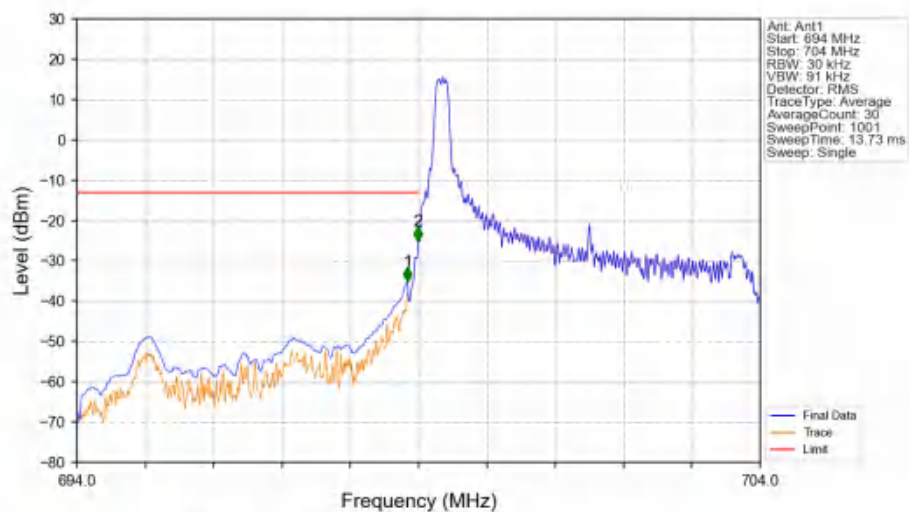
Band12 3MHz 16QAM HCH 714.5MHz RB 15 0 NTV



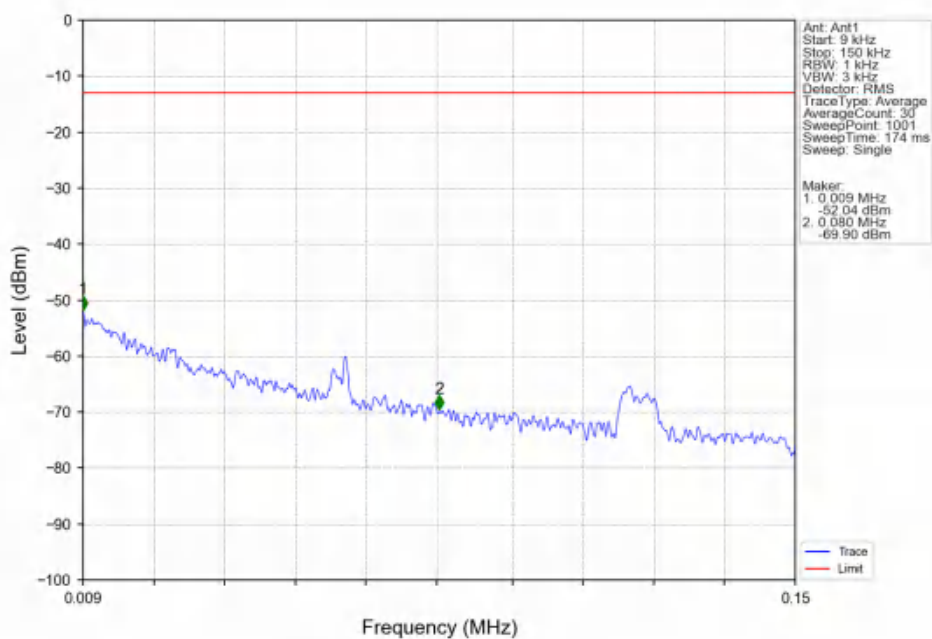
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.006	-28.85	-13	Pass
716.1	719	0.1	CHP	2	716.162	-34.99	-13	Pass

6.2.3 B12_5MHz

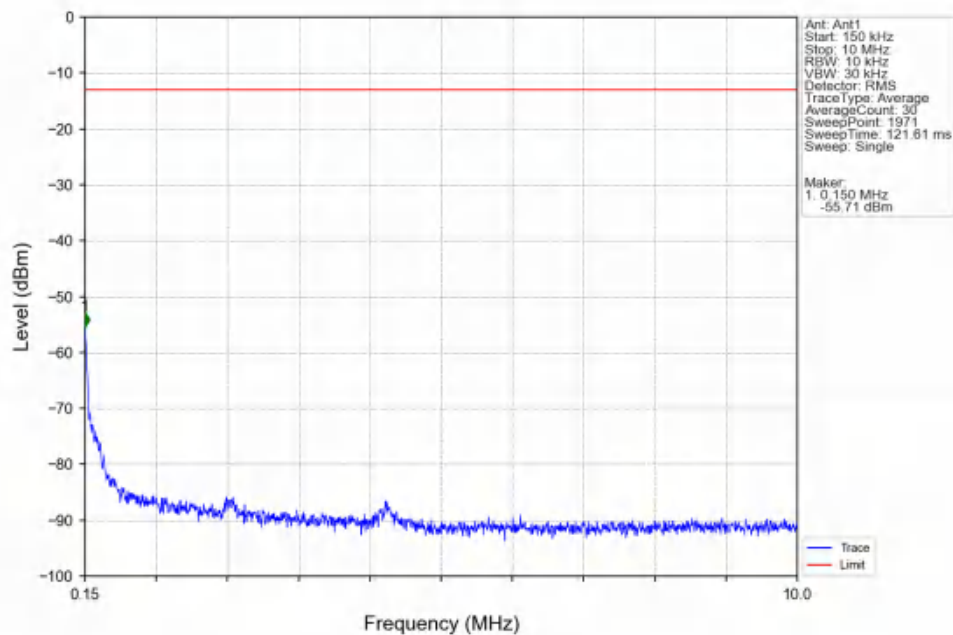
Band12_5MHz_QPSK_LCH_701.5MHz_RB_1_0_NTNV



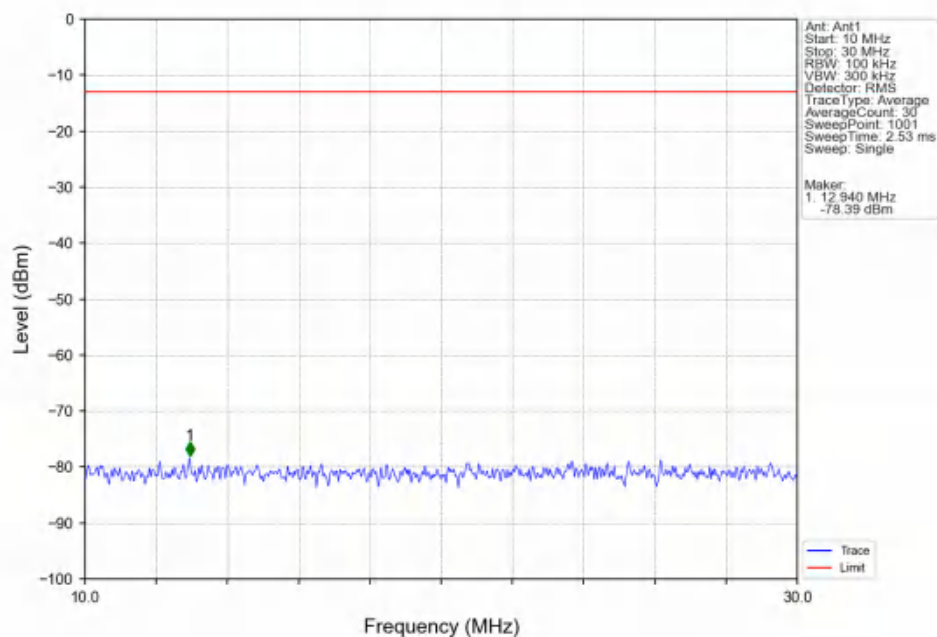
Band12_5MHz_QPSK_LCH_701.5MHz_RB_1_0_NTNV



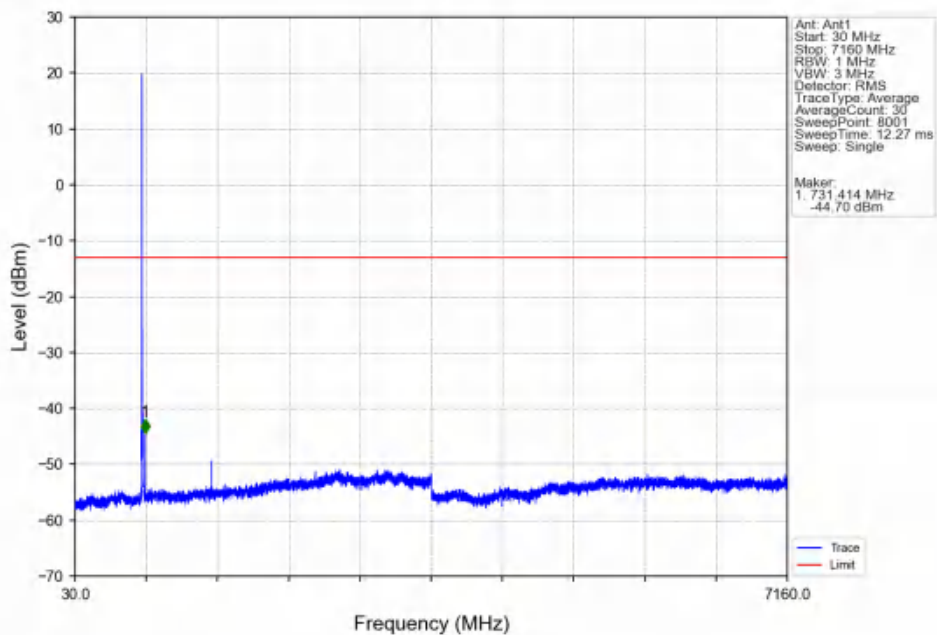
Band12 5MHz QPSK LCH 701.5MHz RB 1 0 NTN



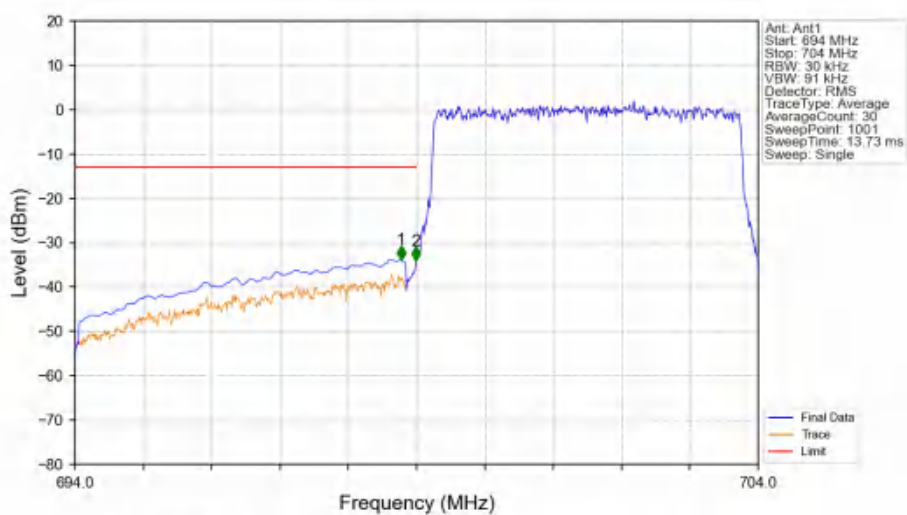
Band12 5MHz QPSK LCH 701.5MHz RB 1 0 NTN



Band12 5MHz QPSK LCH 701.5MHz RB 1 0 NTNV

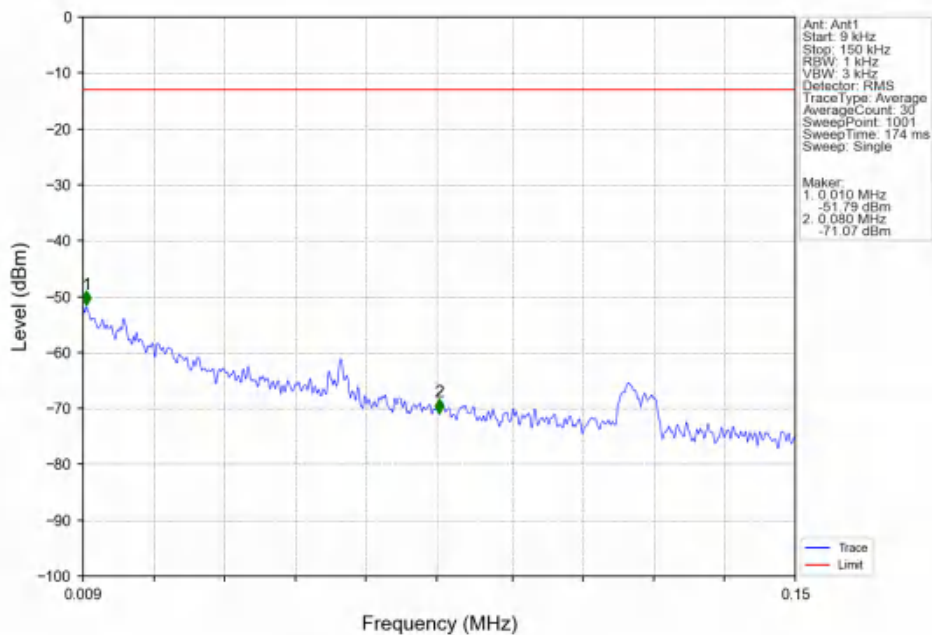


Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV

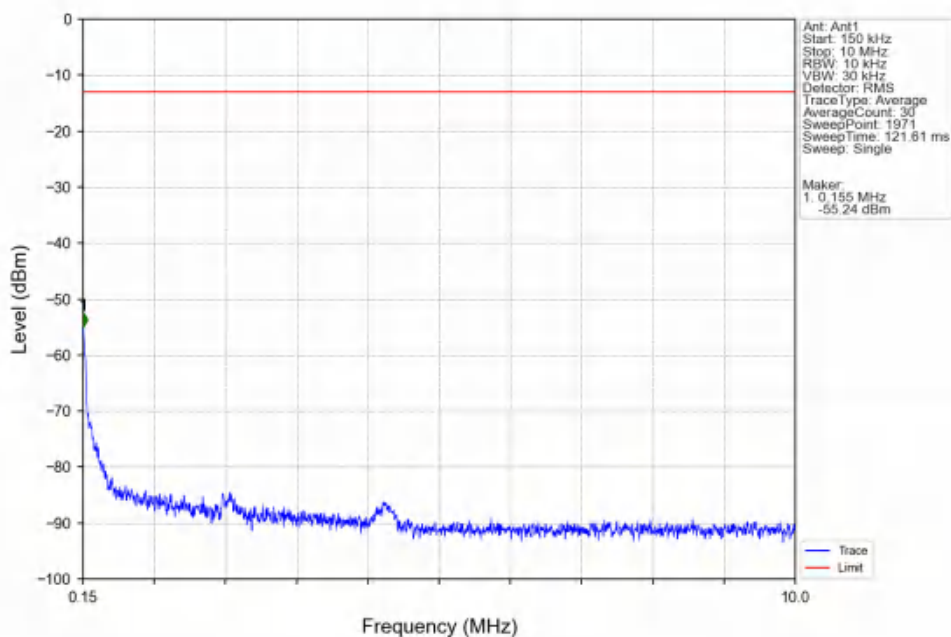


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.770	-33.77	-13	Pass
698.9	699	0.03	/	2	698.990	-34.12	-13	Pass
699	704	0.03	/	/	/	/	/	/

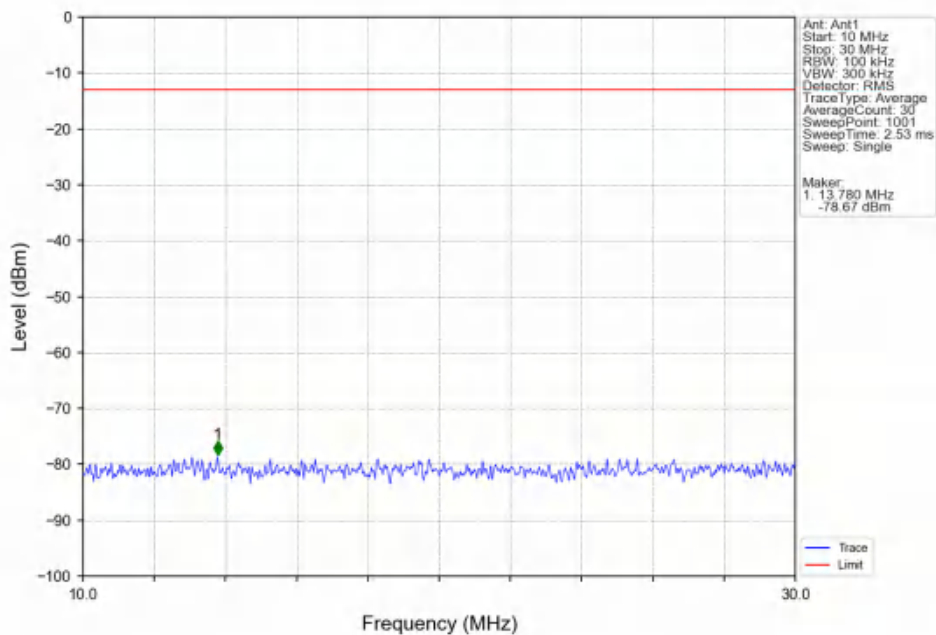
Band12 5MHz QPSK MCH 707.5MHz RB 1 0 NTNV



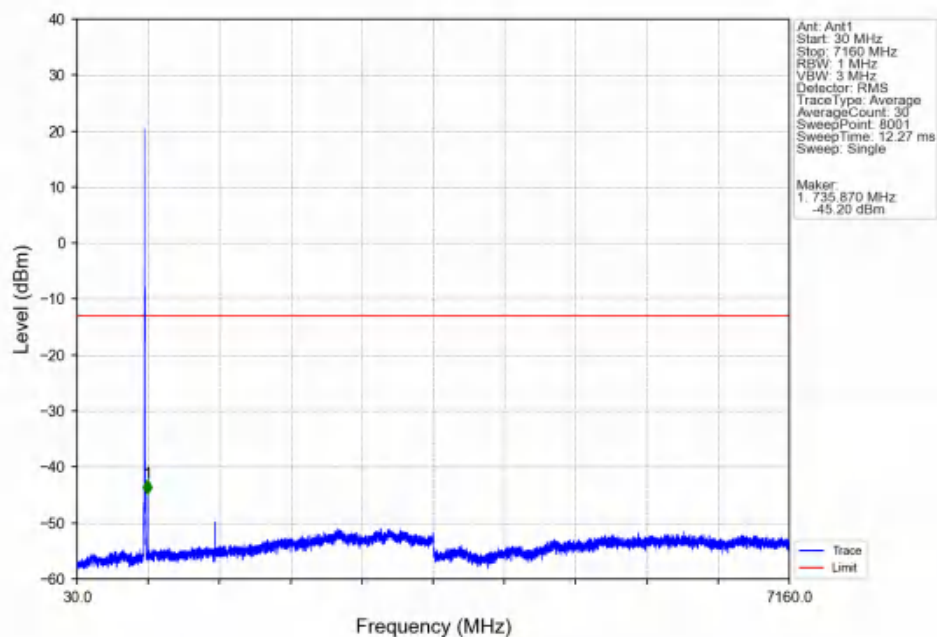
Band12 5MHz QPSK MCH 707.5MHz RB 1 0 NTNV



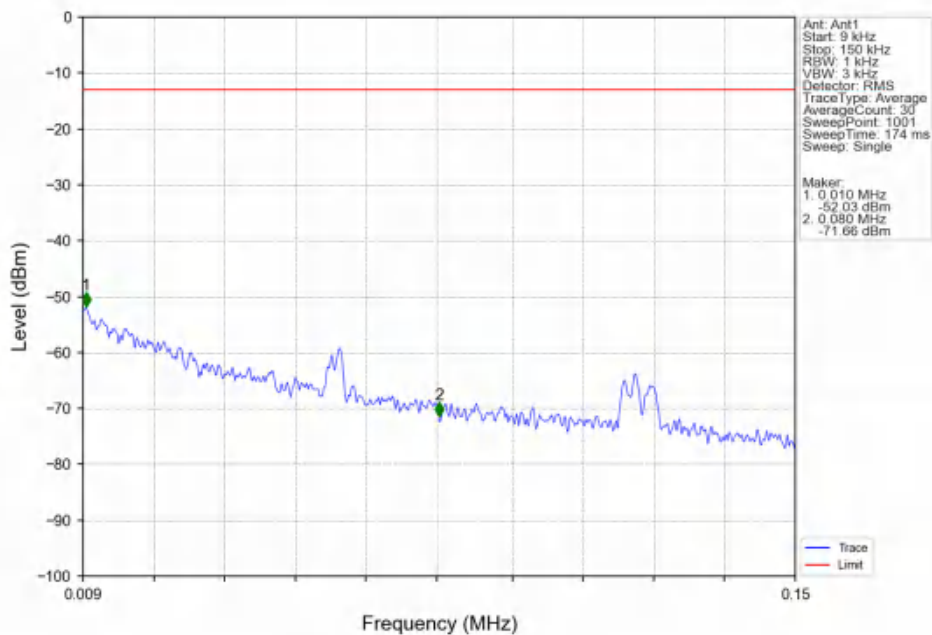
Band12 5MHz QPSK MCH 707.5MHz RB 1 0 NTNV



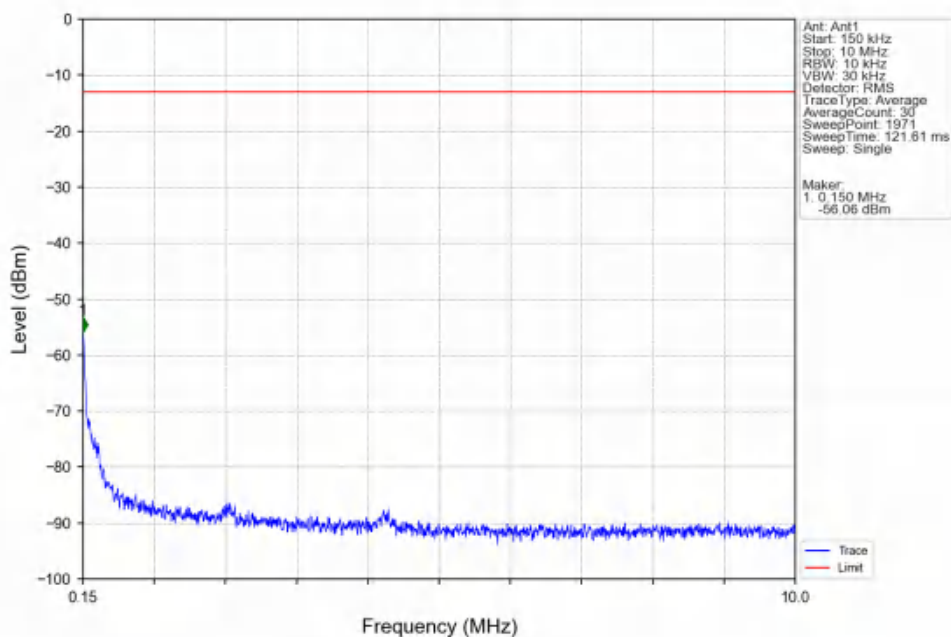
Band12 5MHz QPSK MCH 707.5MHz RB 1 0 NTNV



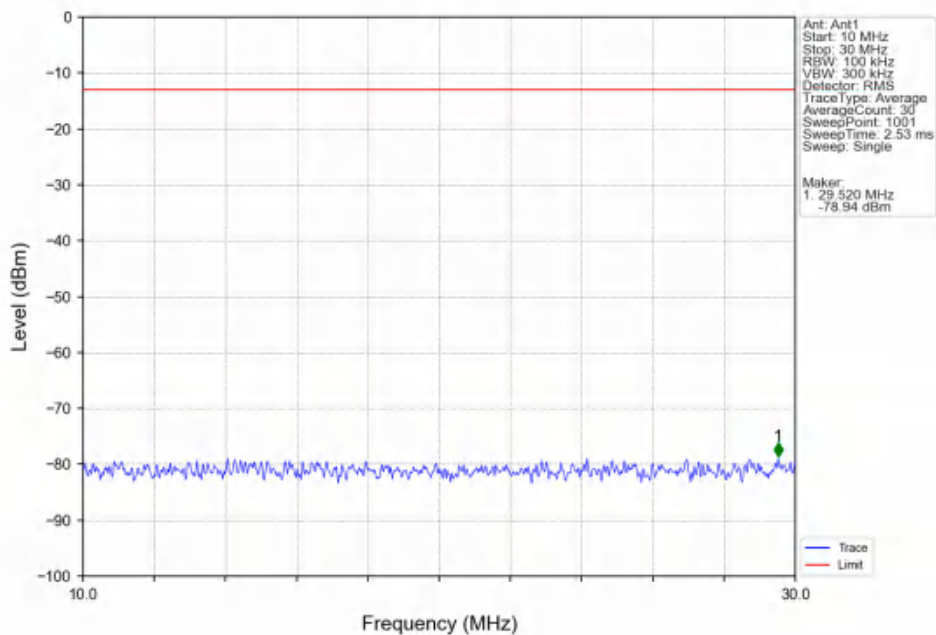
Band12 5MHz QPSK HCH 713.5MHz RB 1 0 NTN



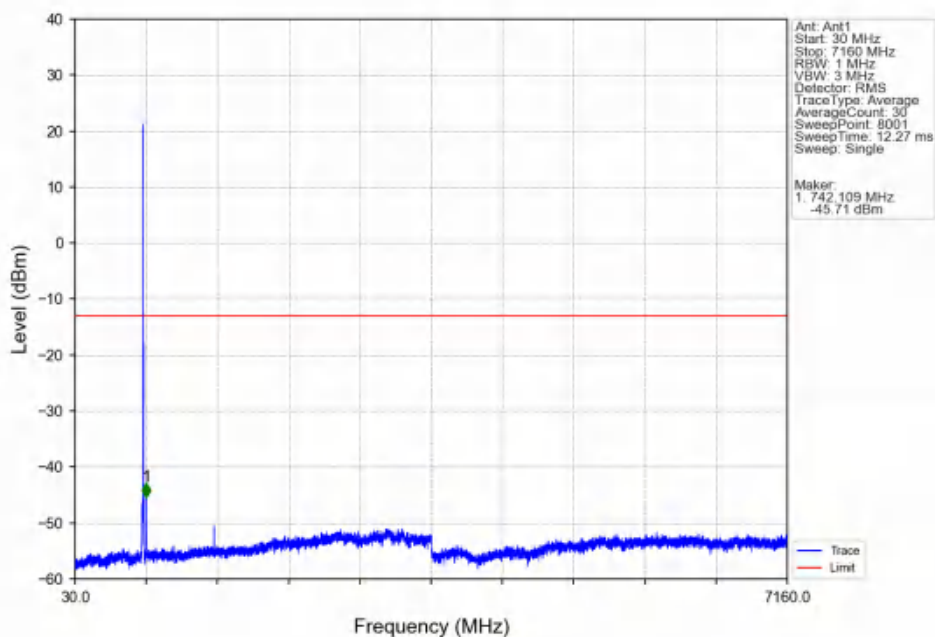
Band12 5MHz QPSK HCH 713.5MHz RB 1 0 NTN



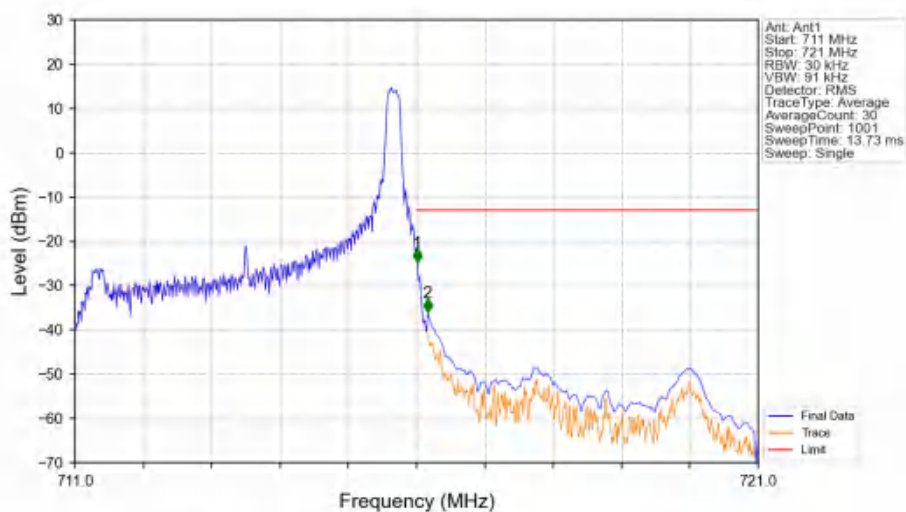
Band12 5MHz QPSK HCH 713.5MHz RB 1 0 NTN



Band12 5MHz QPSK HCH 713.5MHz RB 1 0 NTN

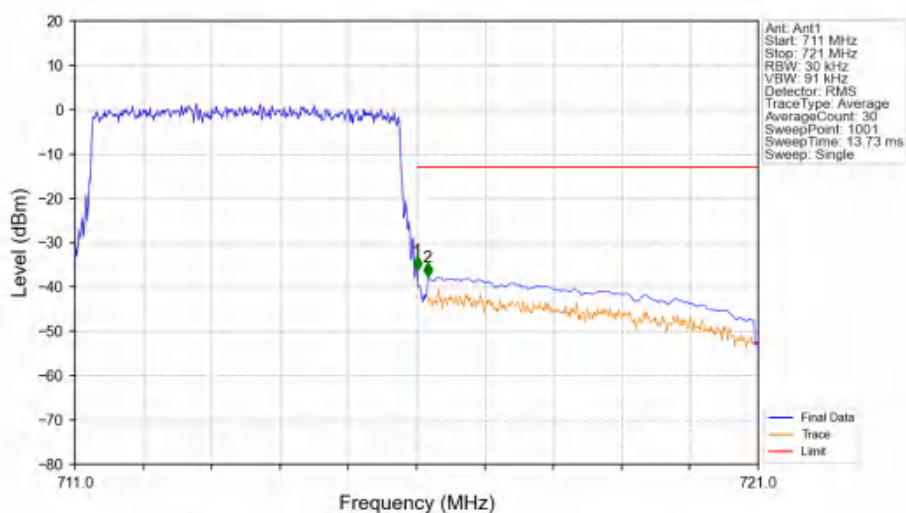


Band12 5MHz QPSK HCH 713.5MHz RB 1 24 NTV



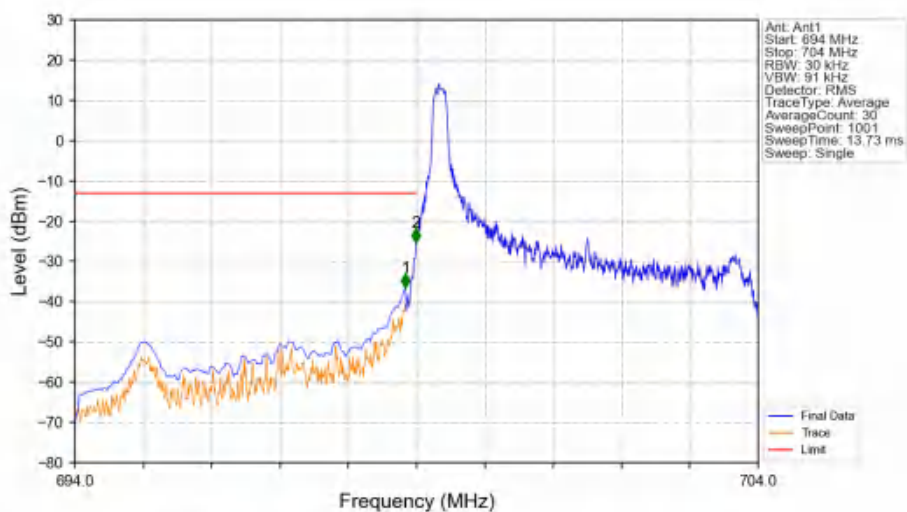
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-24.80	-13	Pass
716.1	721	0.1	CHP	2	716.160	-36.11	-13	Pass

Band12 5MHz QPSK HCH 713.5MHz RB 25 0 NTV



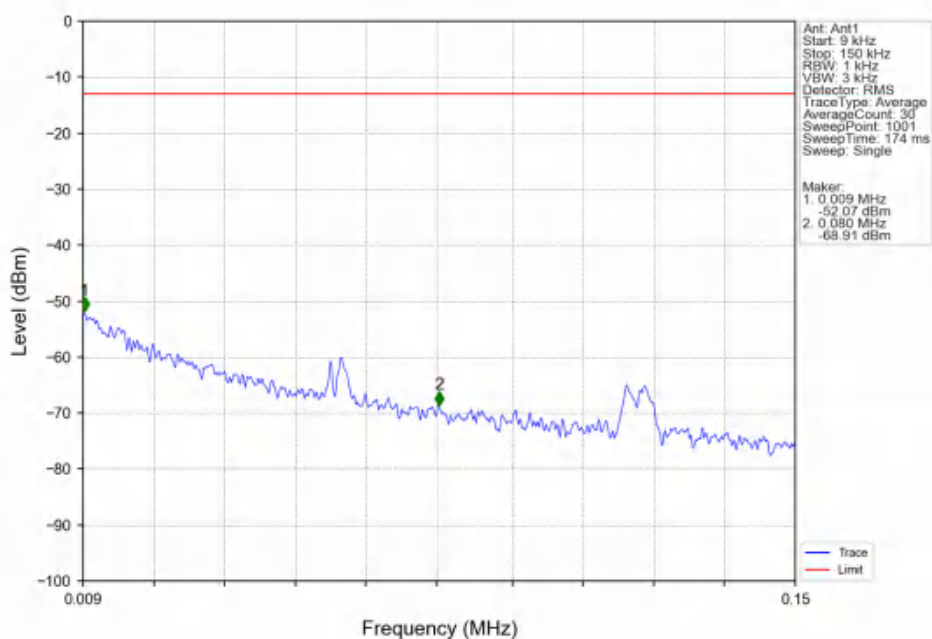
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-36.17	-13	Pass
716.1	721	0.1	CHP	2	716.160	-37.74	-13	Pass

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

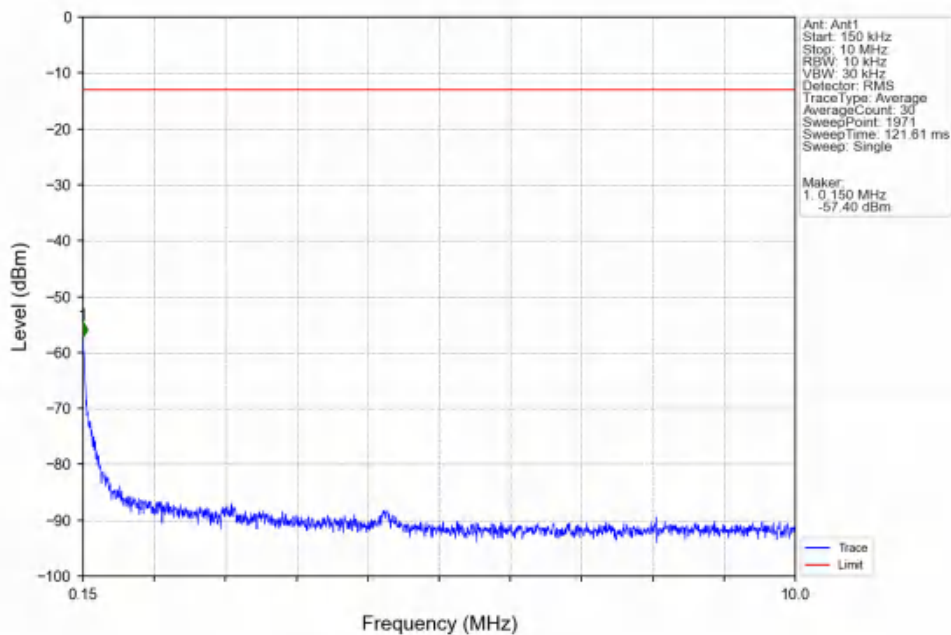


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-36.42	-13	Pass
698.9	699	0.03	/	2	698.990	-25.26	-13	Pass
699	704	0.03	/	/	/	/	/	/

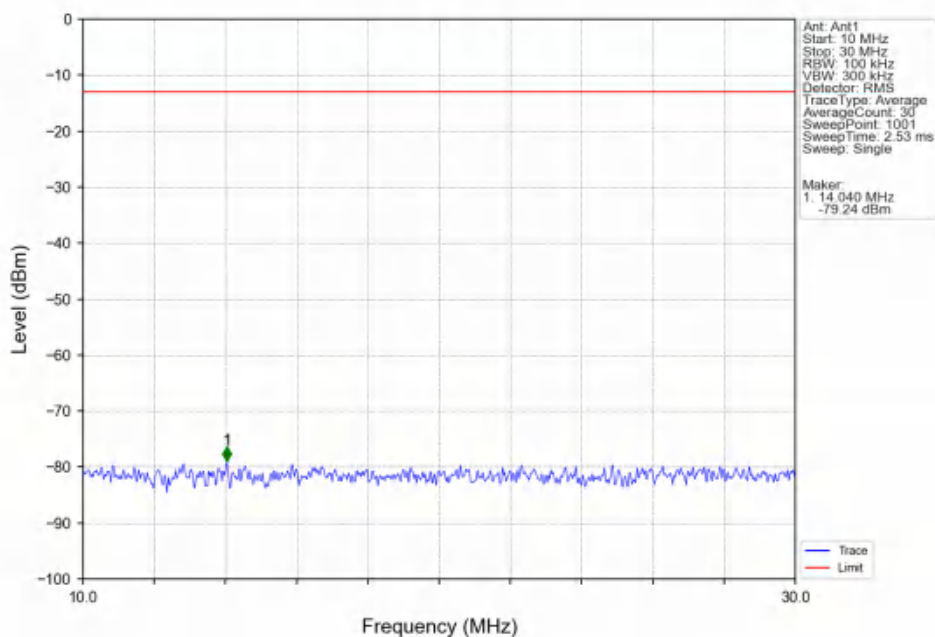
Band12_5MHz_16QAM_LCH_701.5MHz_RB_1_0_NTV



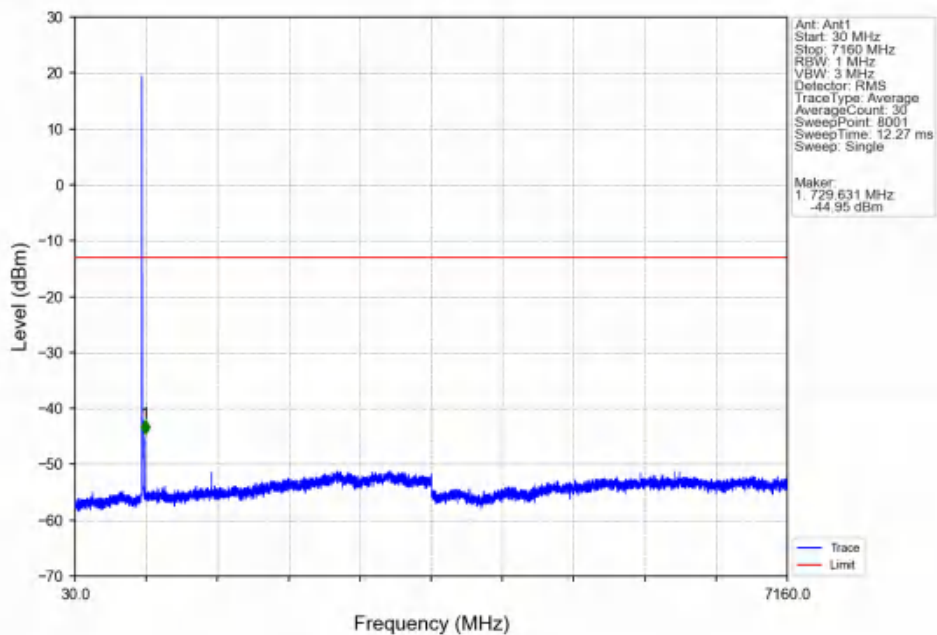
Band12 5MHz 16QAM LCH 701.5MHz RB 1 0 NTNV



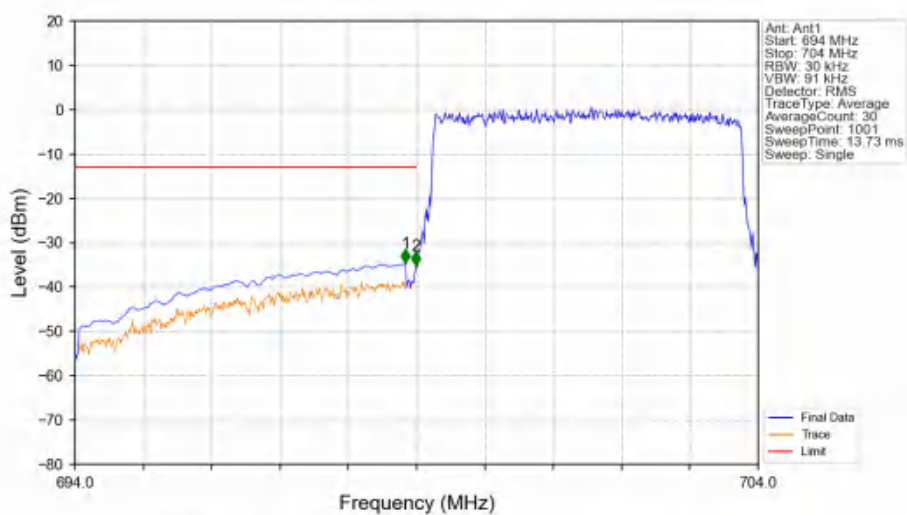
Band12_5MHz_16QAM_LCH_701.5MHz_RB_1_0_NTNV



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

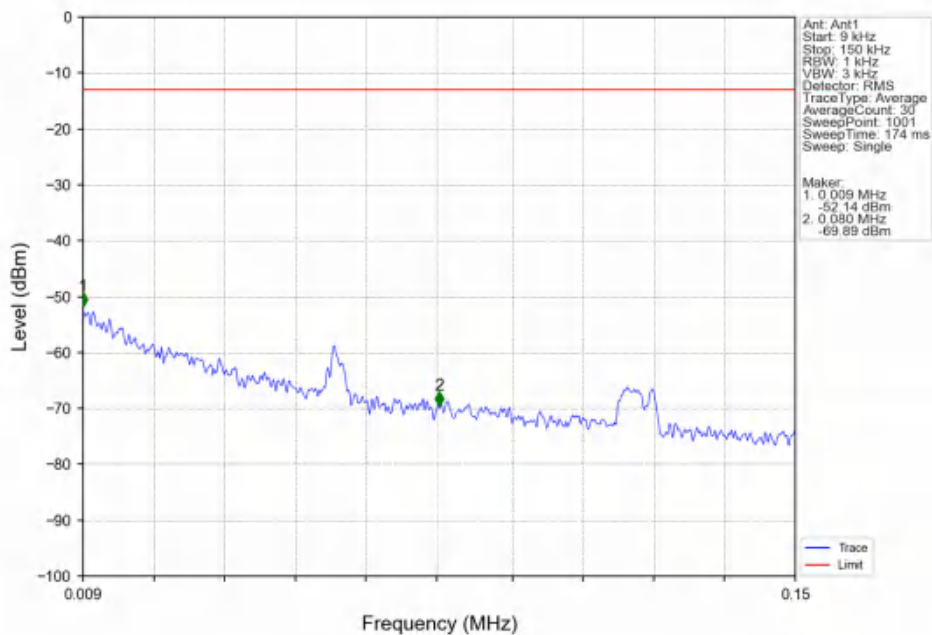


Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV

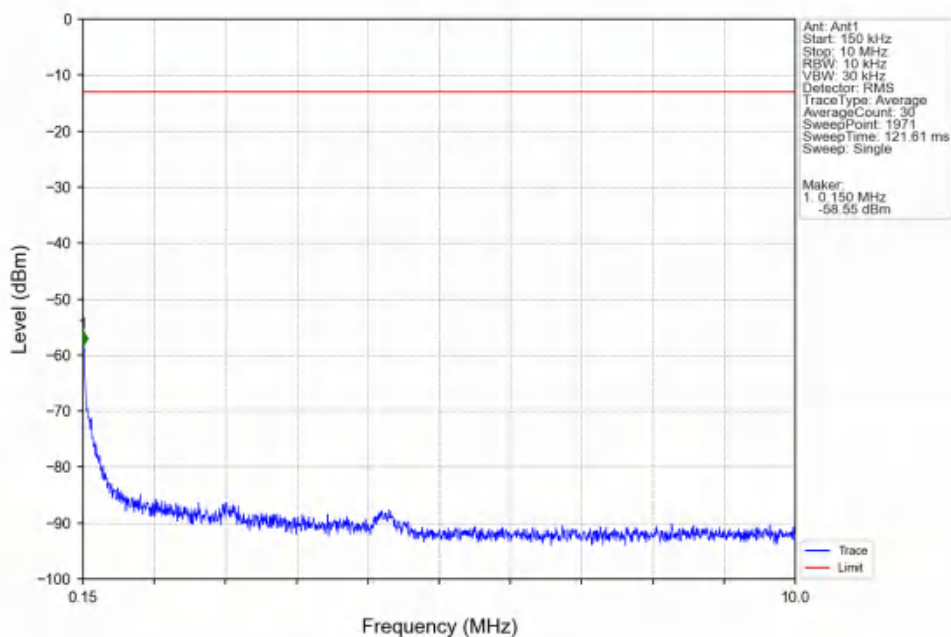


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-34.60	-13	Pass
698.9	699	0.03	/	2	698.990	-35.21	-13	Pass
699	704	0.03	/	/	/	/	/	/

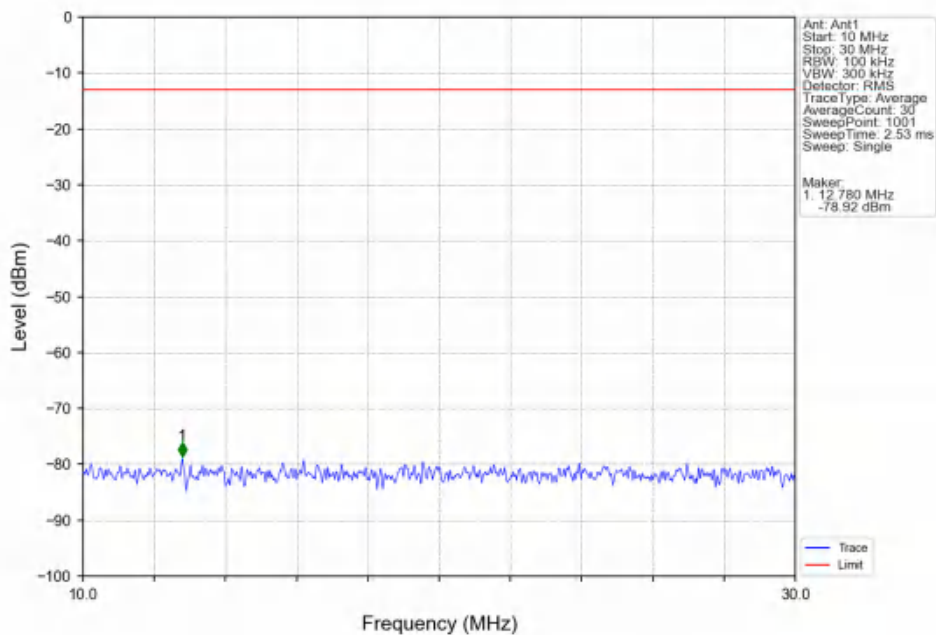
Band12 5MHz 16QAM MCH 707.5MHz RB 1 0 NTV



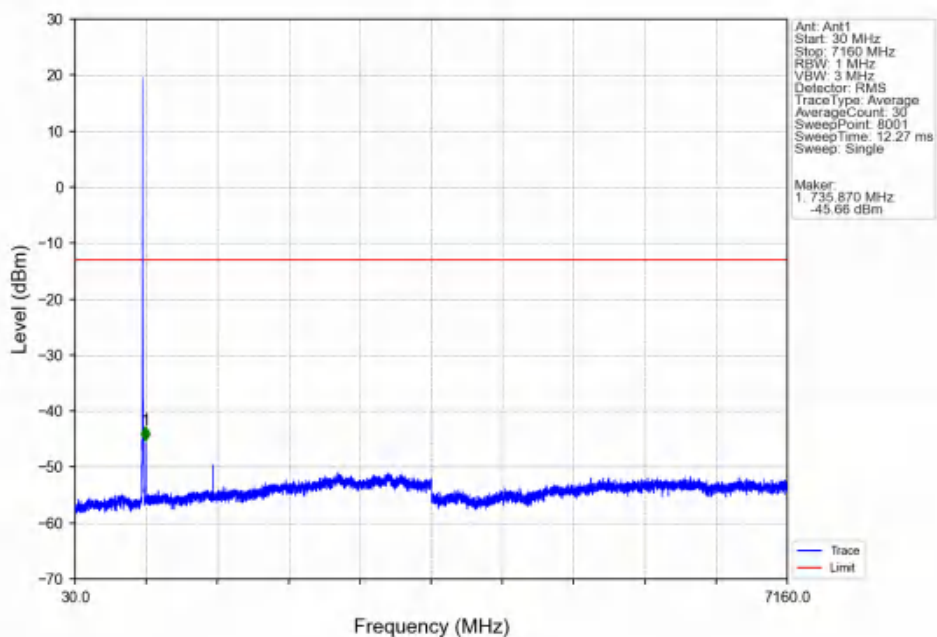
Band12 5MHz 16QAM MCH 707.5MHz RB 1 0 NTV



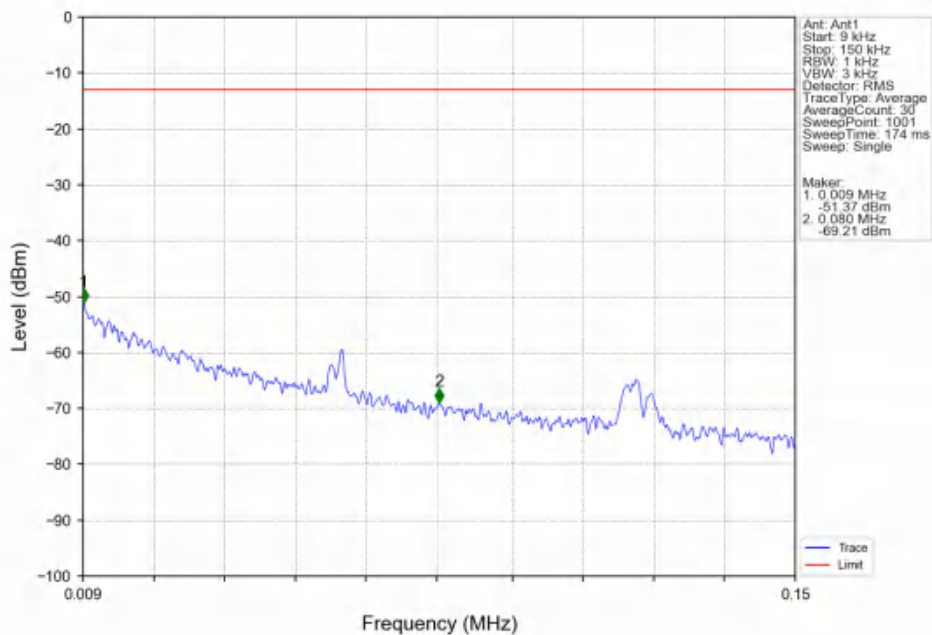
Band12 5MHz 16QAM MCH 707.5MHz RB 1 0 NTV



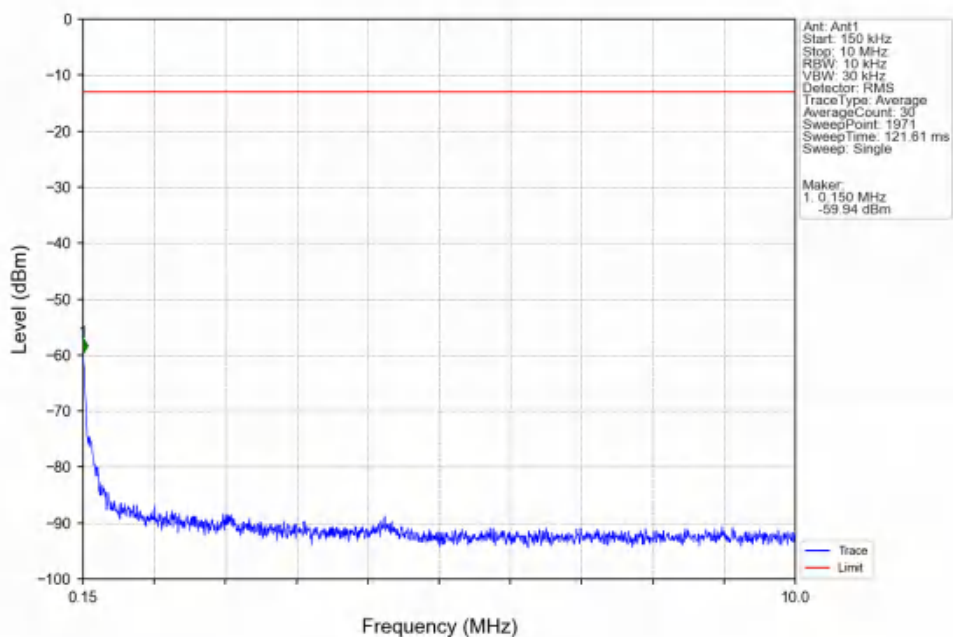
Band12 5MHz 16QAM MCH 707.5MHz RB 1 0 NTV



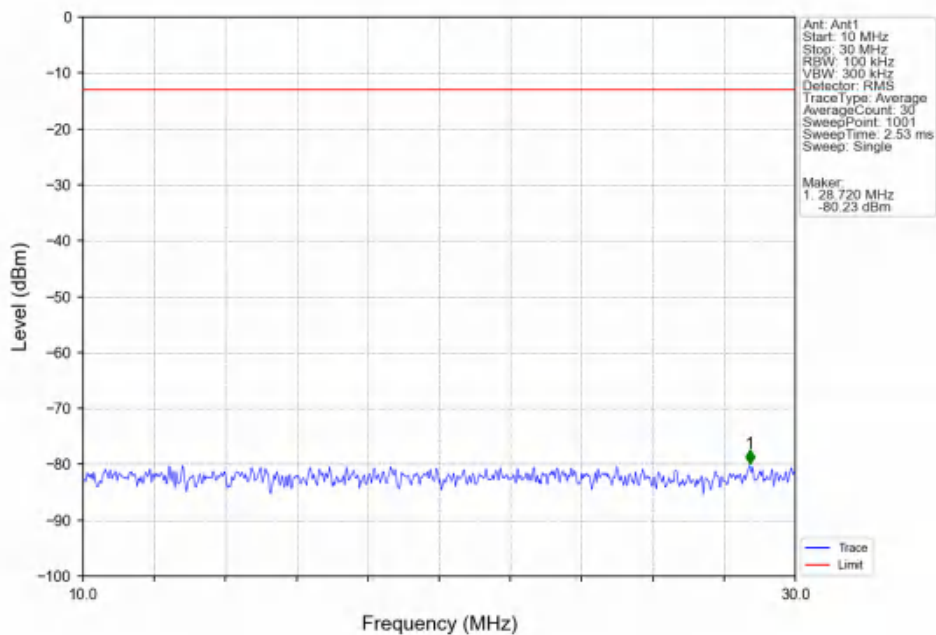
Band12 5MHz 16QAM HCH 713.5MHz RB 1 0 NTV



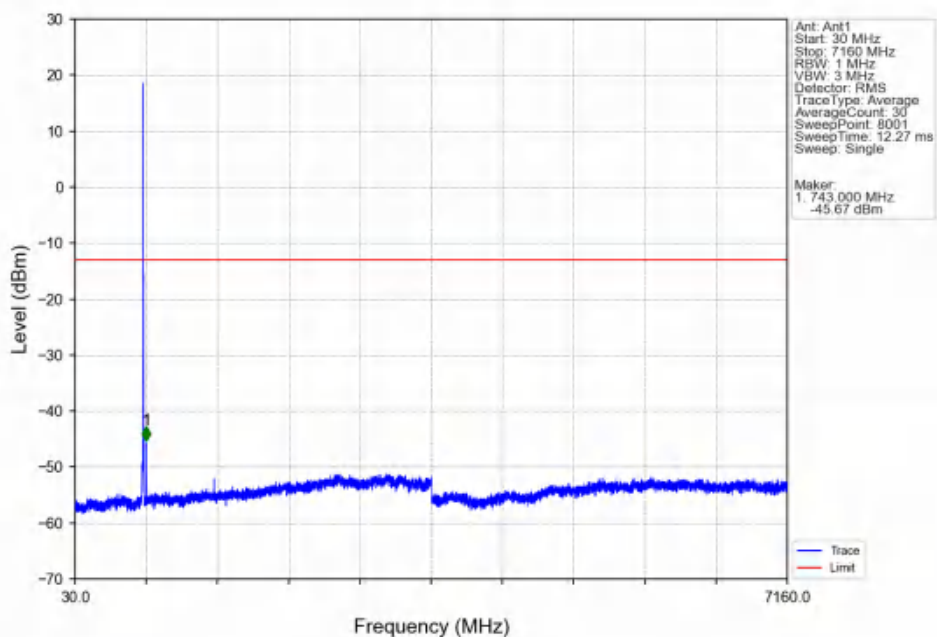
Band12 5MHz 16QAM HCH 713.5MHz RB 1 0 NTV



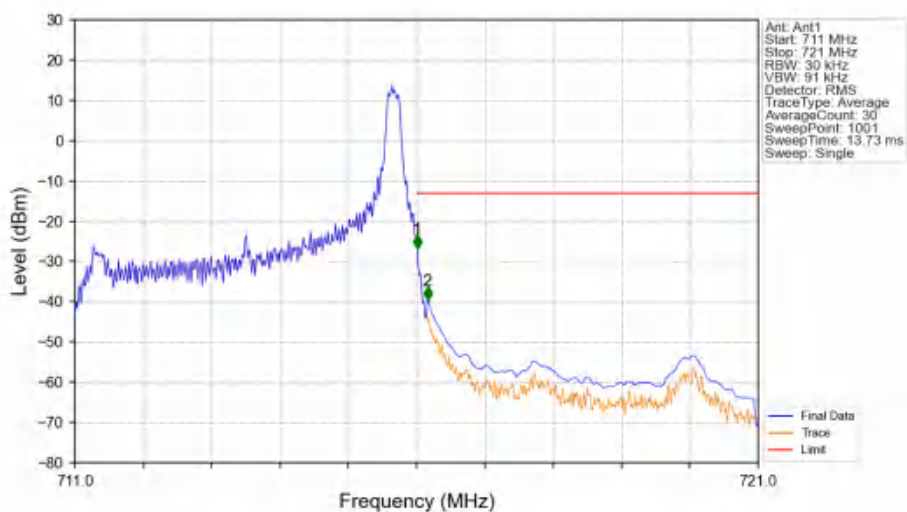
Band12 5MHz 16QAM HCH 713.5MHz RB 1 0 NTV



Band12_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTV

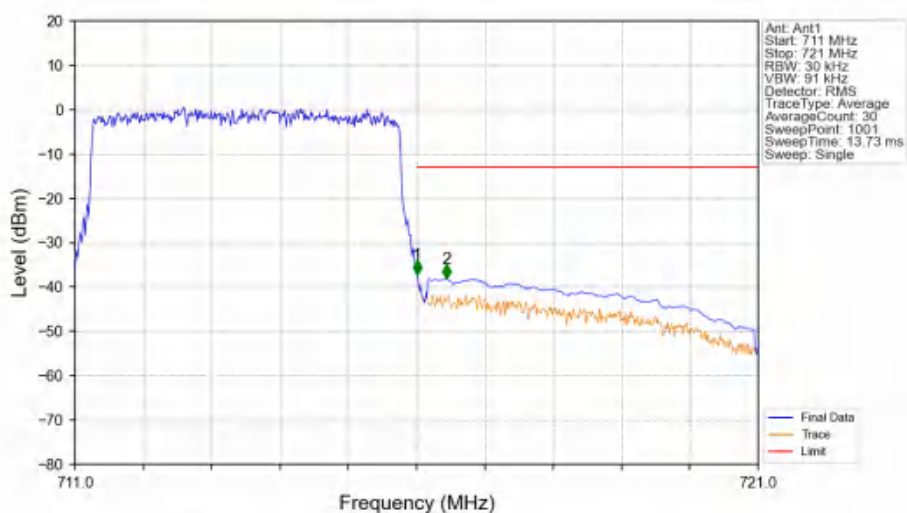


Band12 5MHz 16QAM HCH 713.5MHz RB 1 24 NTNV



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	-26.83	-13	Pass
716.1	721	0.1	CHP	2	716.160	-39.61	-13	Pass

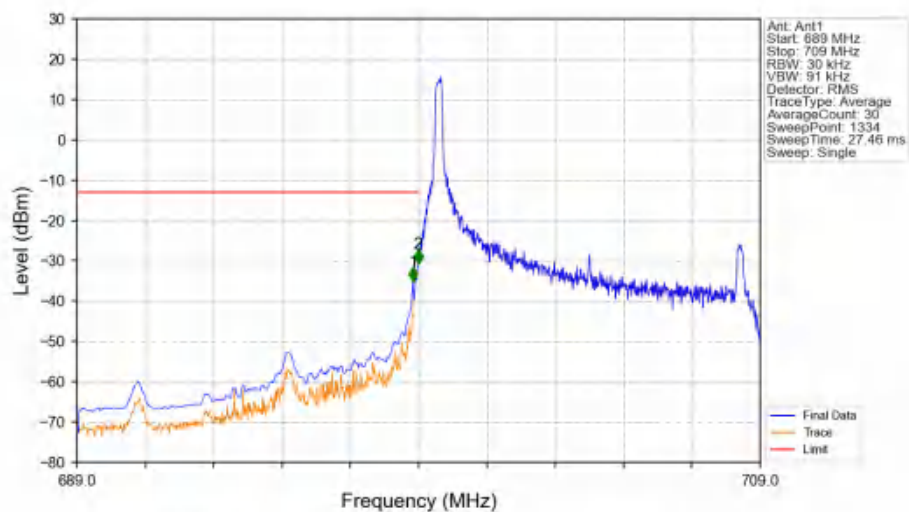
Band12 5MHz 16QAM HCH 713.5MHz RB 25 0 NTNV



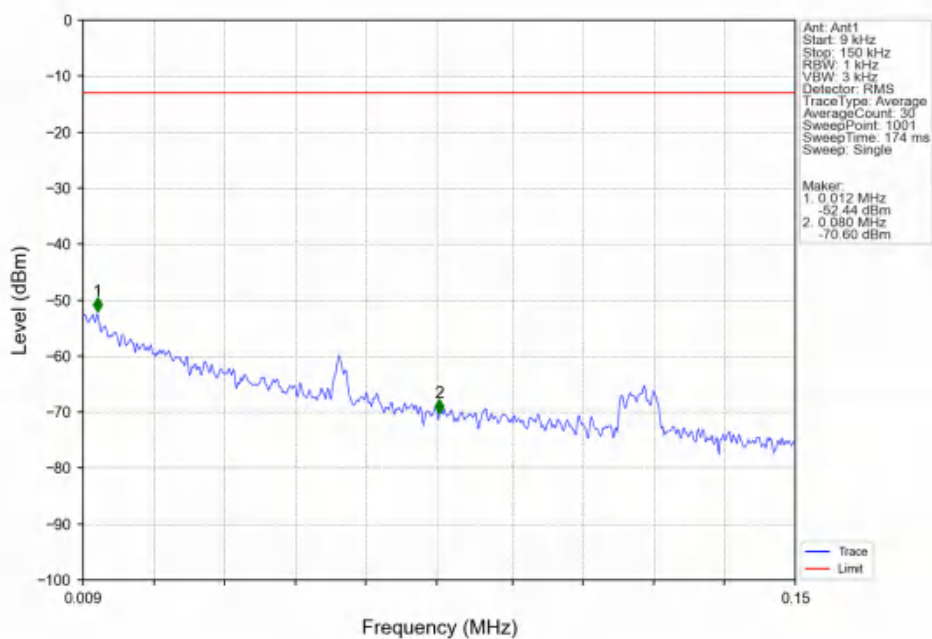
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-37.17	-13	Pass
716.1	721	0.1	CHP	2	716.440	-38.07	-13	Pass

6.2.4 B12_10MHz

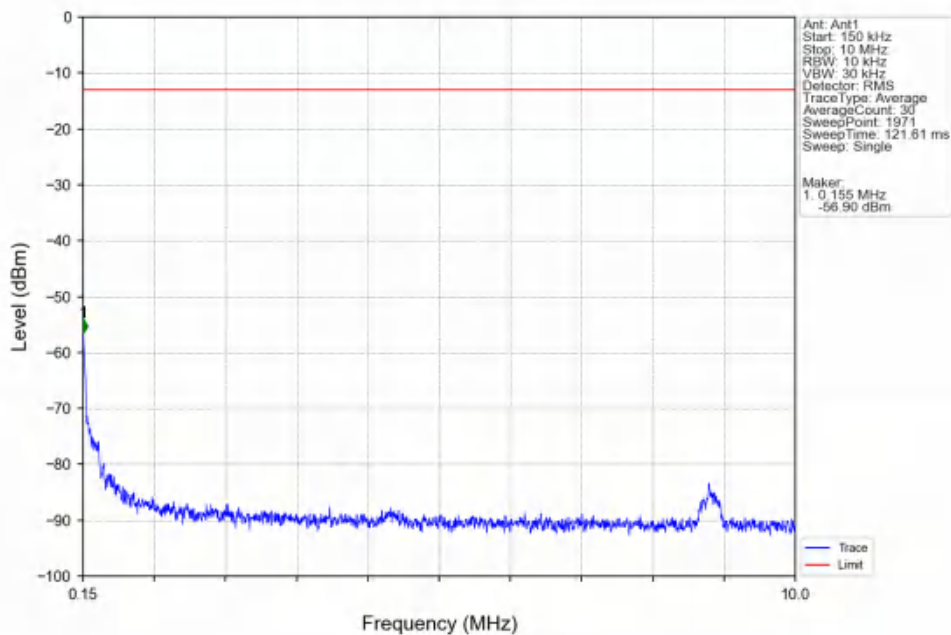
Band12_10MHz_QPSK_LCH_704MHz_RB_1_0_NTNV



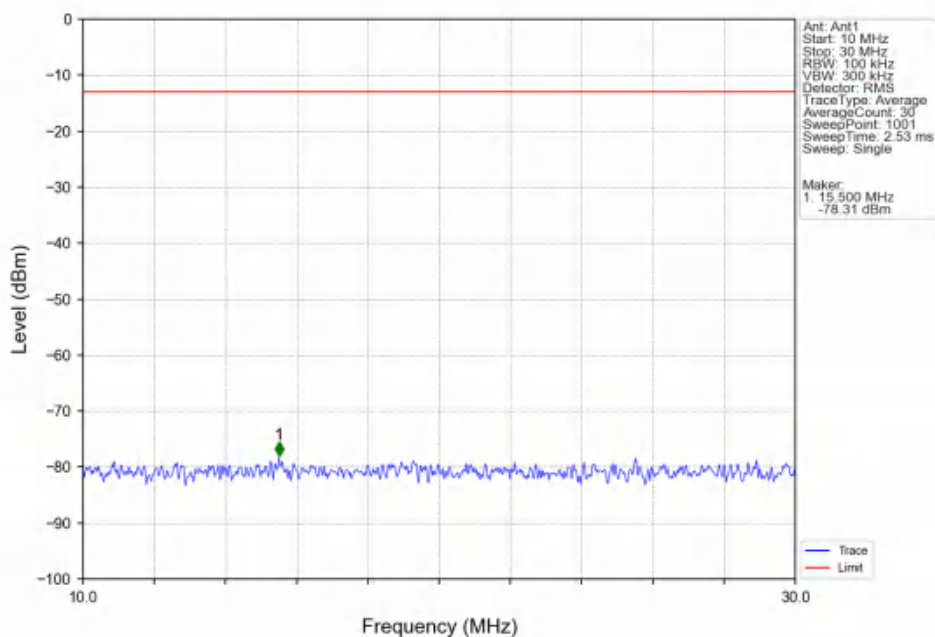
Band12_10MHz_QPSK_LCH_704MHz_RB_1_0_NTNV



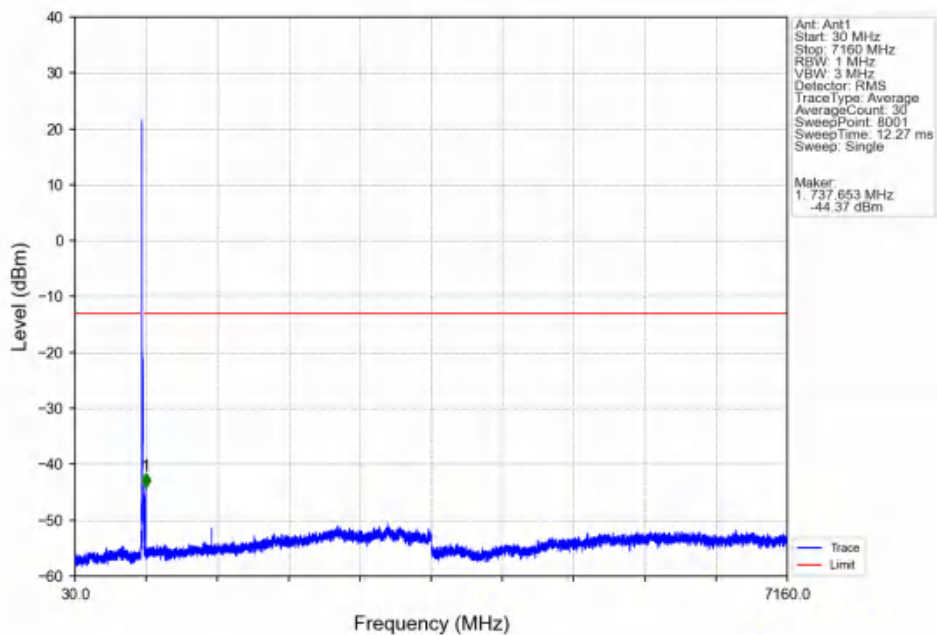
Band12_10MHz_QPSK_LCH_704MHz_RB_1_0_NTNV



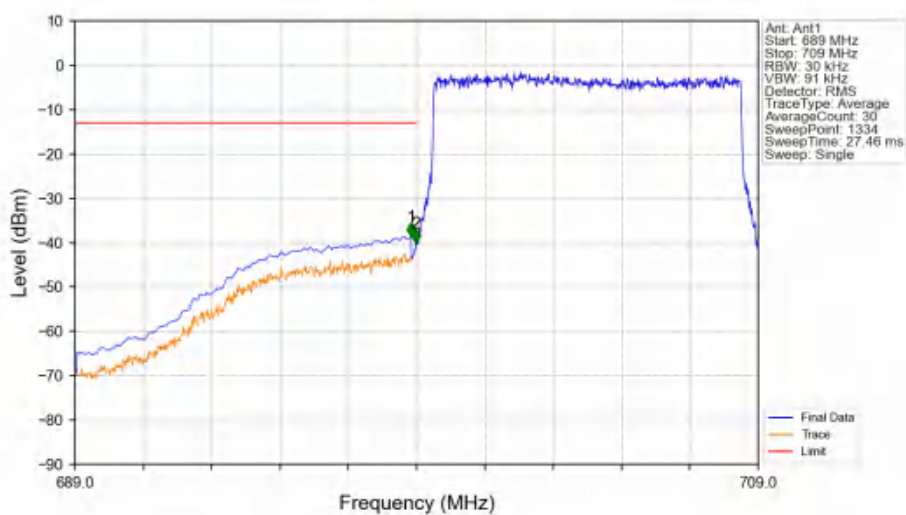
Band12_10MHz_QPSK_LCH_704MHz_RB_1_0_NTNV



Band12_10MHz_QPSK_LCH_704MHz_RB_1_0_NTNV

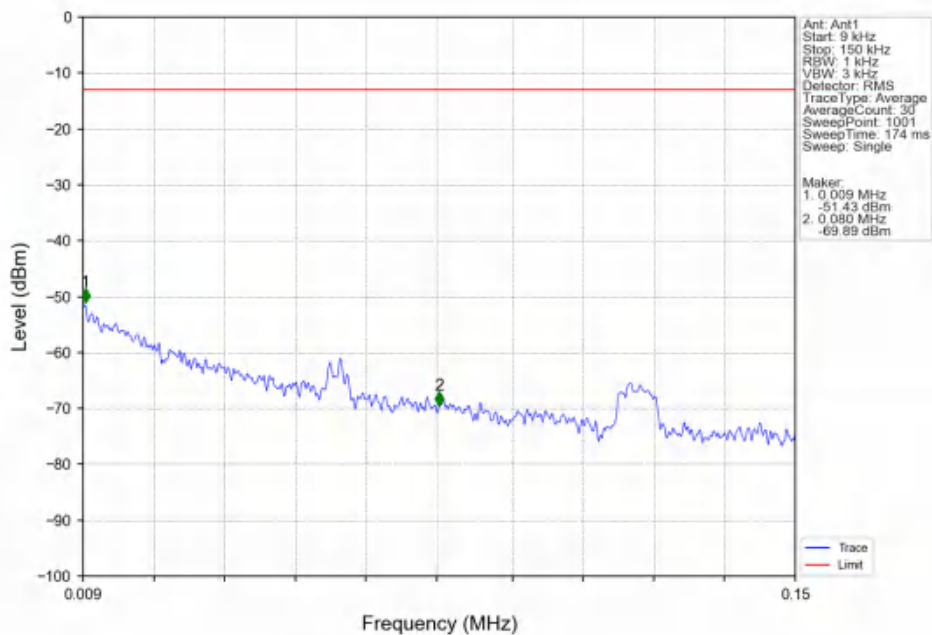


Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV

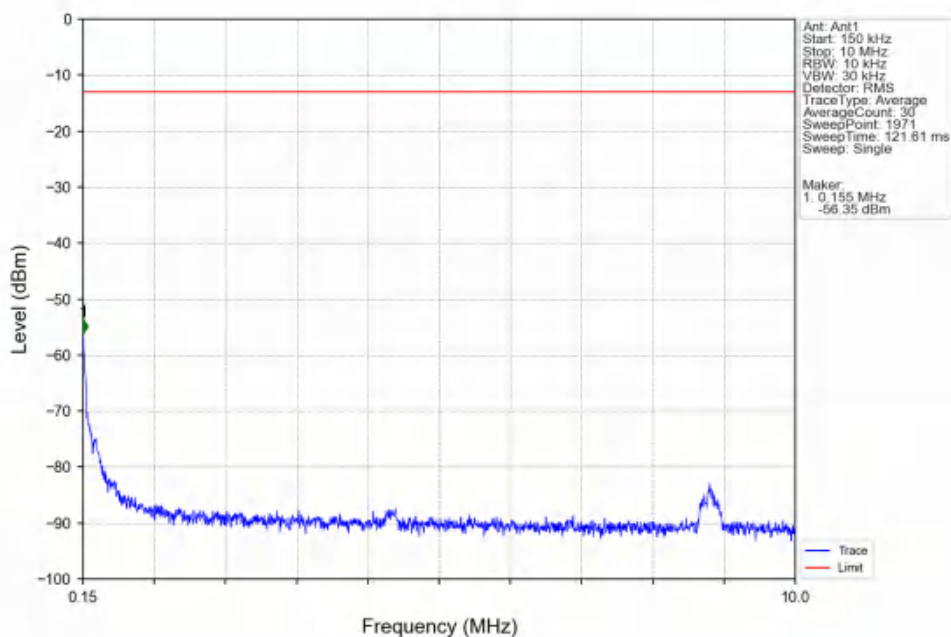


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-38.59	-13	Pass
698.9	699	0.03	/	2	698.977	-40.01	-13	Pass
699	709	0.03	/	/	/	/	/	/

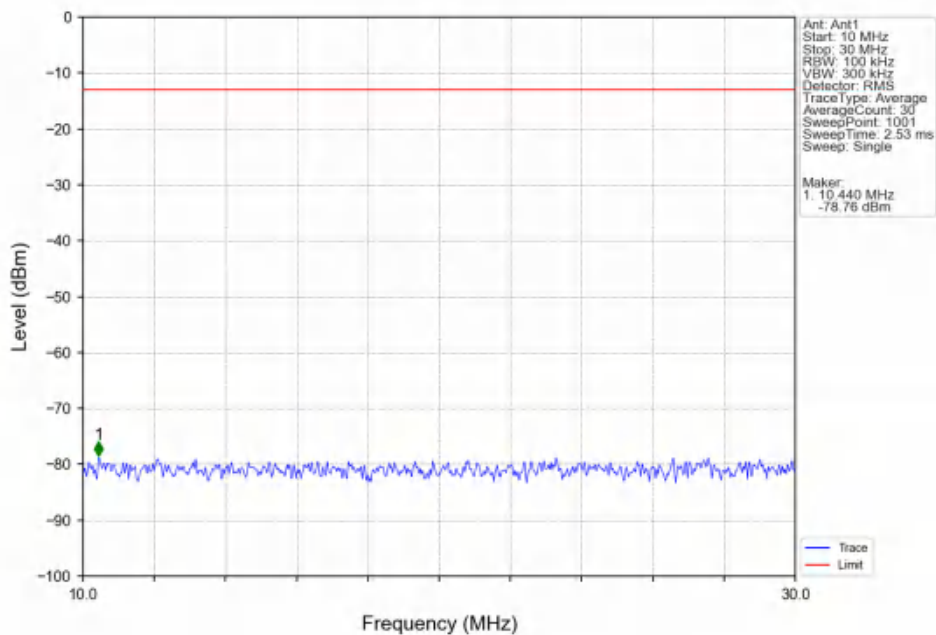
Band12 10MHz QPSK MCH 707.5MHz RB 1 0 NTV



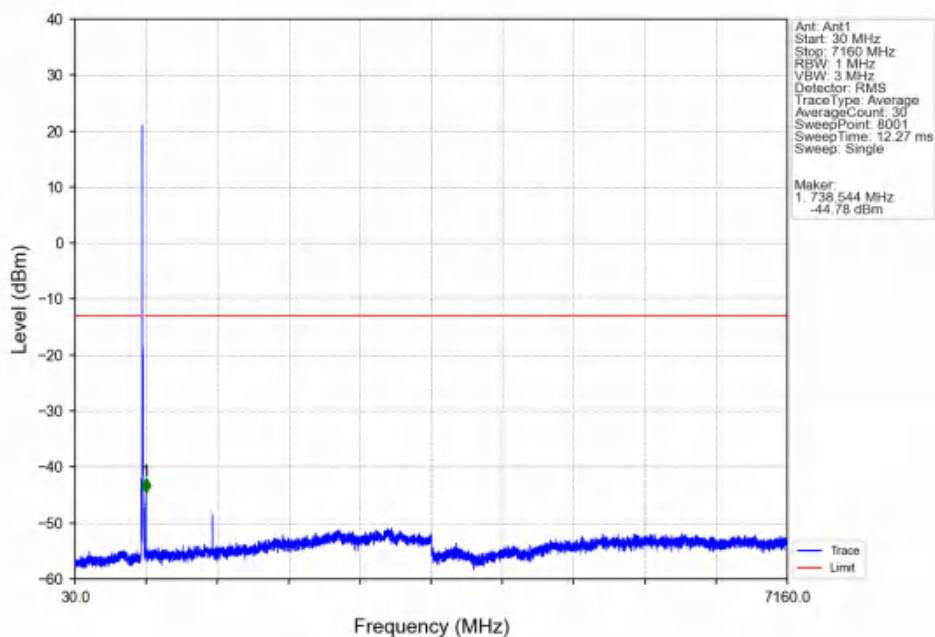
Band12 10MHz QPSK MCH 707.5MHz RB 1 0 NTV



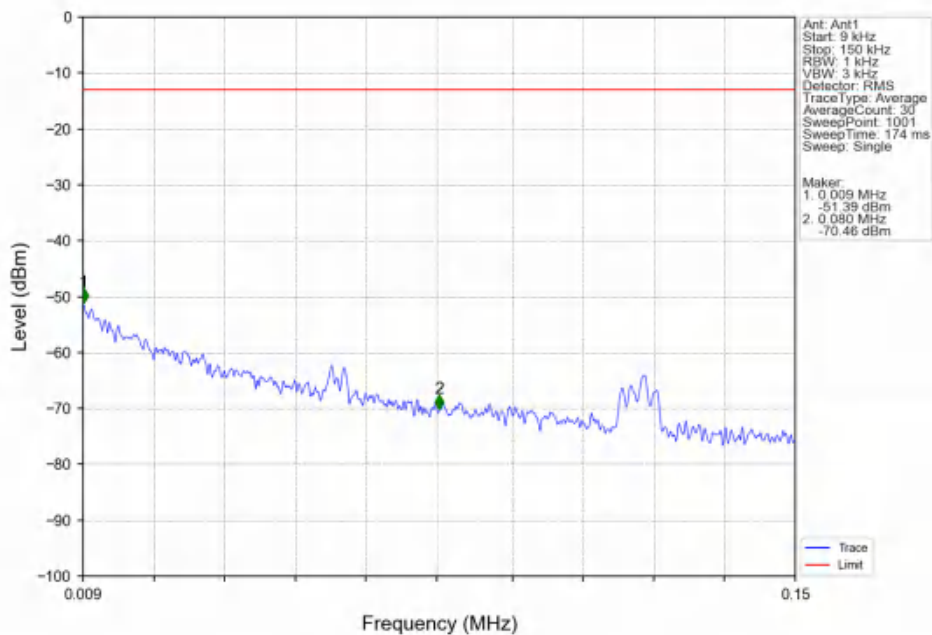
Band12 10MHz QPSK MCH 707.5MHz RB 1 0 NTV



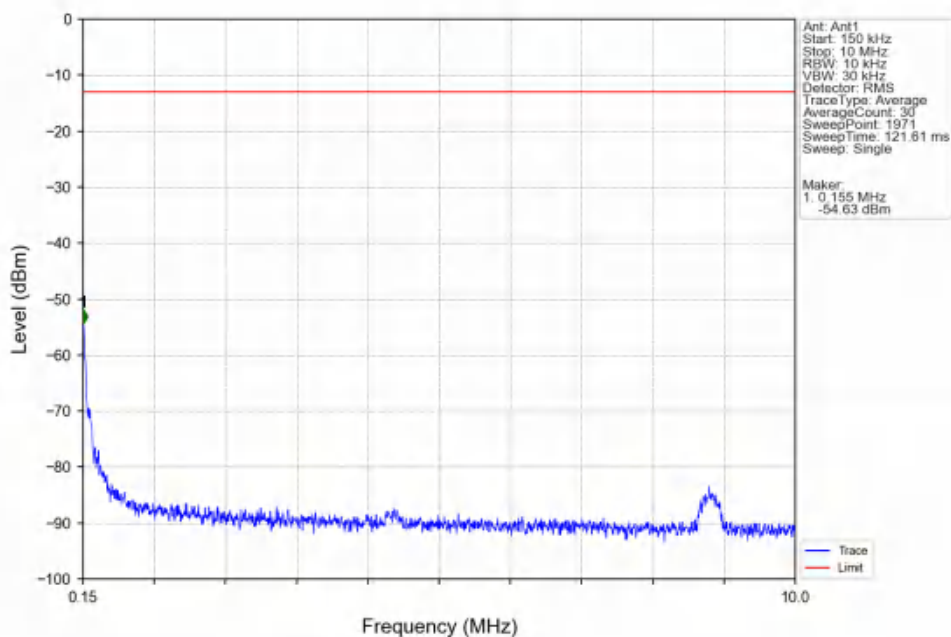
Band12 10MHz QPSK MCH 707.5MHz RB 1 0 NTV



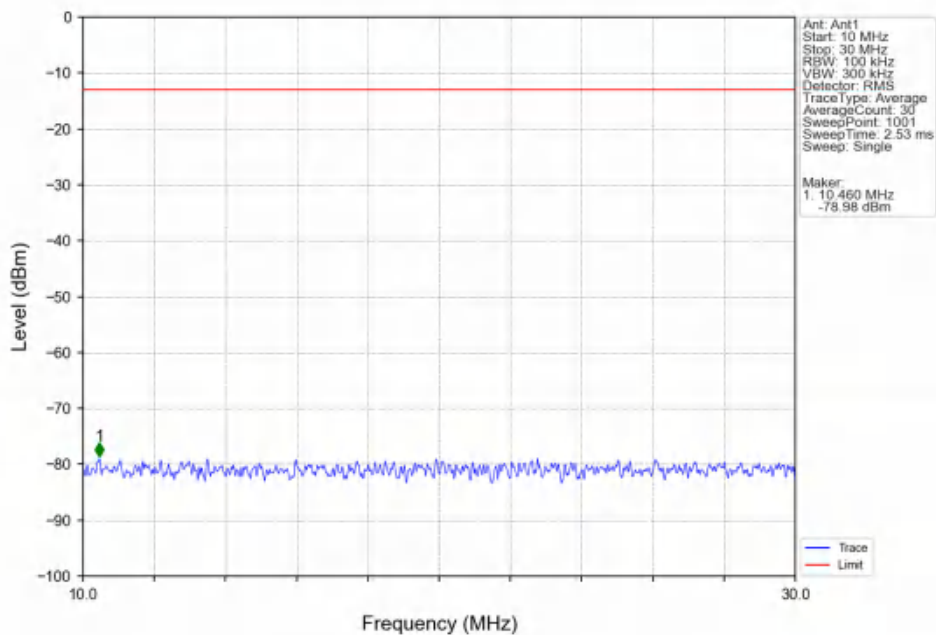
Band12 10MHz QPSK HCH 711MHz RB 1 0 NTNV



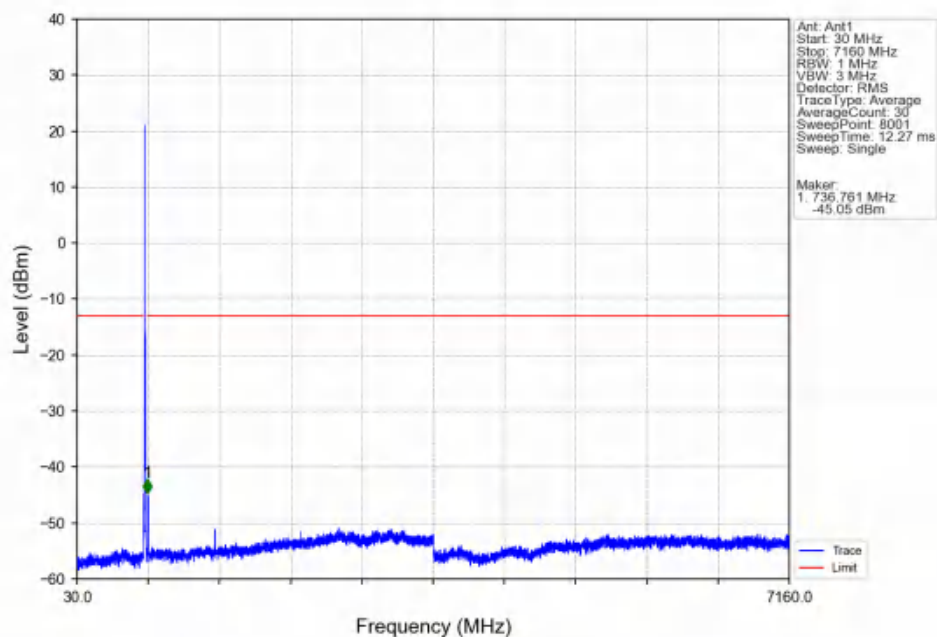
Band12 10MHz QPSK HCH 711MHz RB 1 0 NTNV



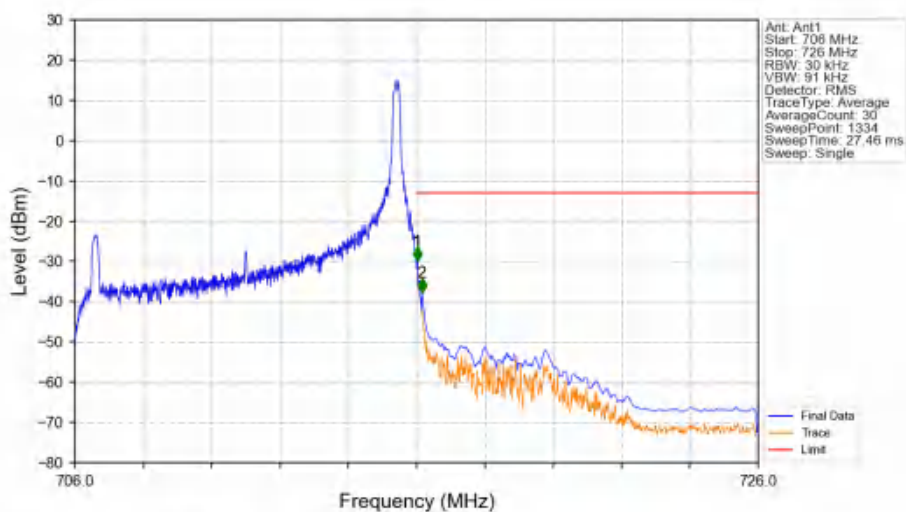
Band12 10MHz QPSK HCH 711MHz RB 1 0 NTN



Band12 10MHz QPSK HCH 711MHz RB 1 0 NTN

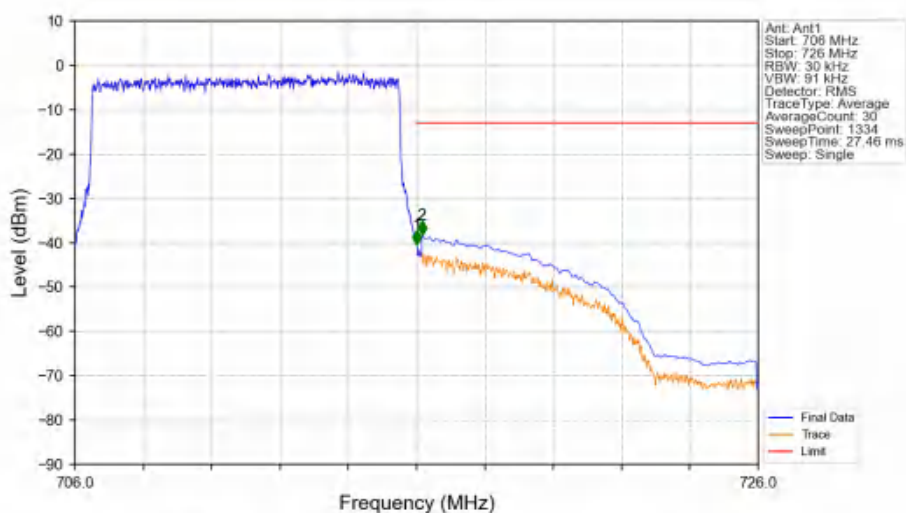


Band12_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV



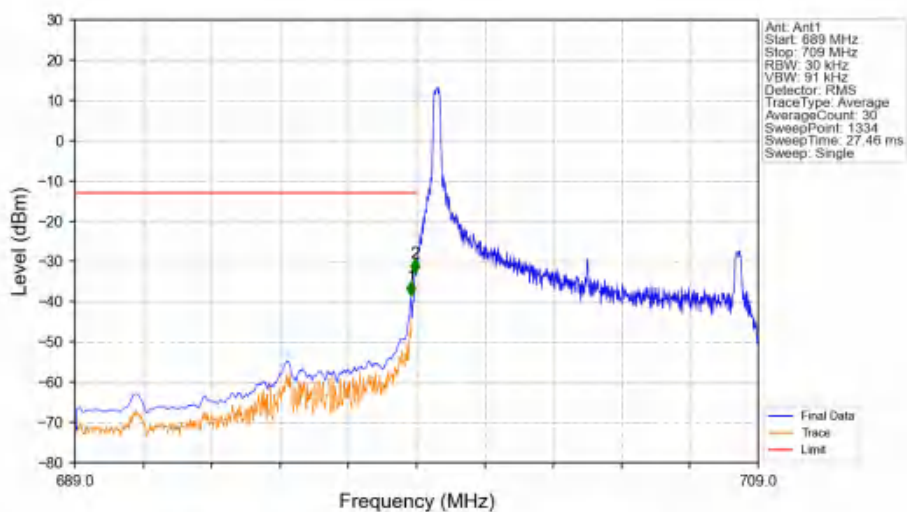
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.023	-29.84	-13	Pass
716.1	726	0.1	CHP	2	716.158	-37.61	-13	Pass

Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



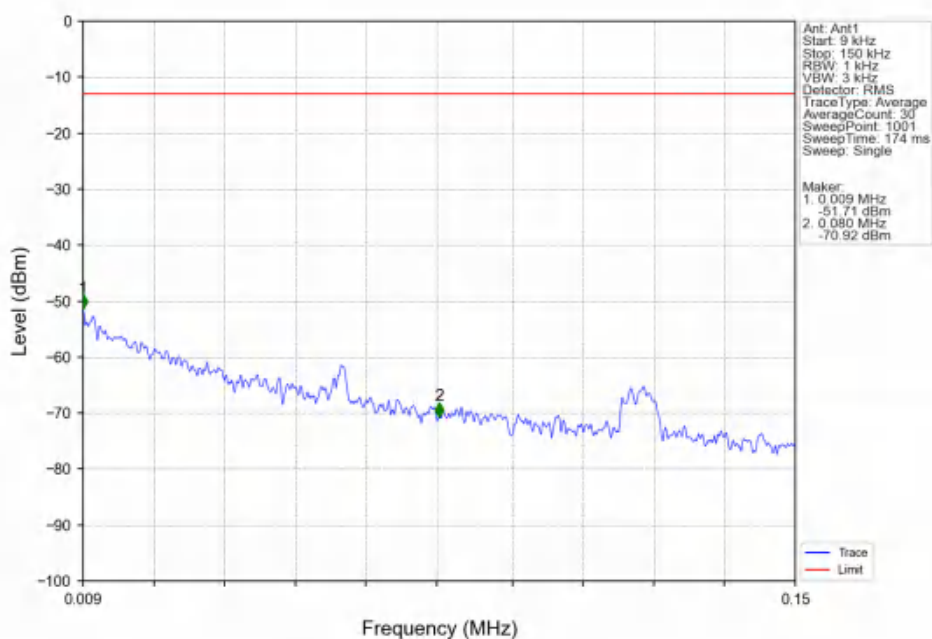
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-40.41	-13	Pass
716.1	726	0.1	CHP	2	716.158	-38.18	-13	Pass

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

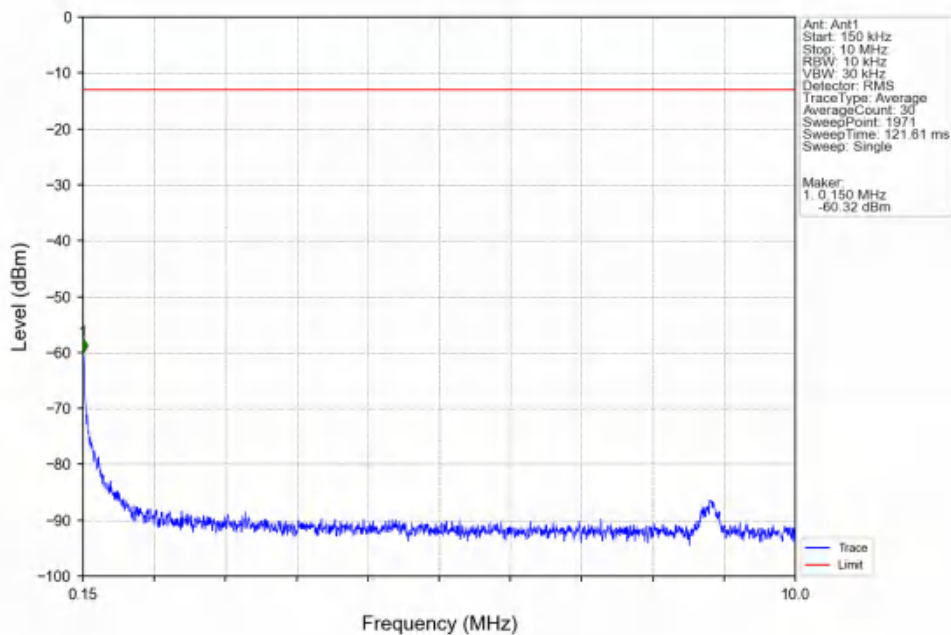


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-38.47	-13	Pass
698.9	699	0.03	/	2	698.962	-32.78	-13	Pass
699	709	0.03	/	/	/	/	/	/

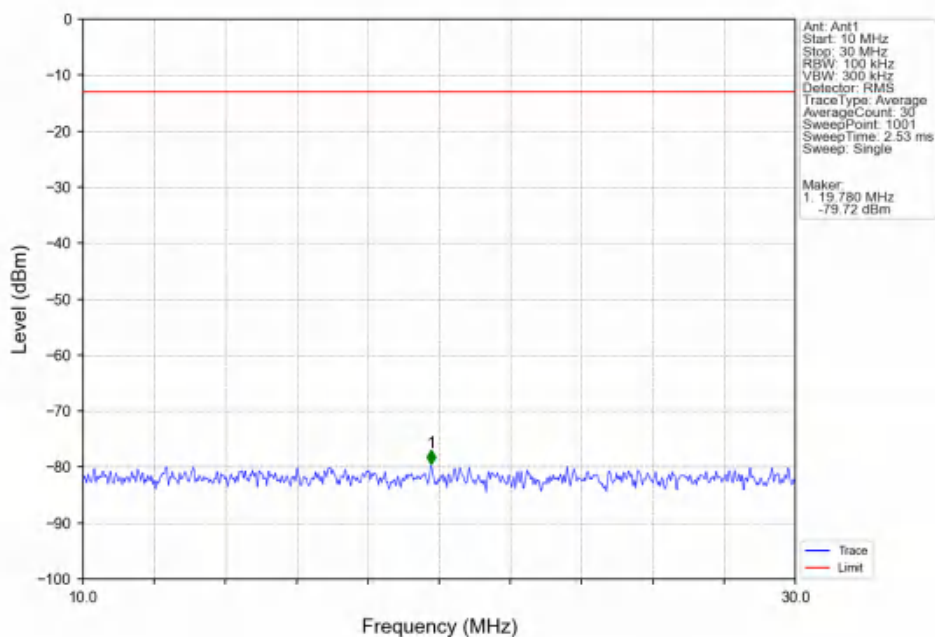
Band12 10MHz 16QAM LCH 704MHz RB 1 0 NTNV



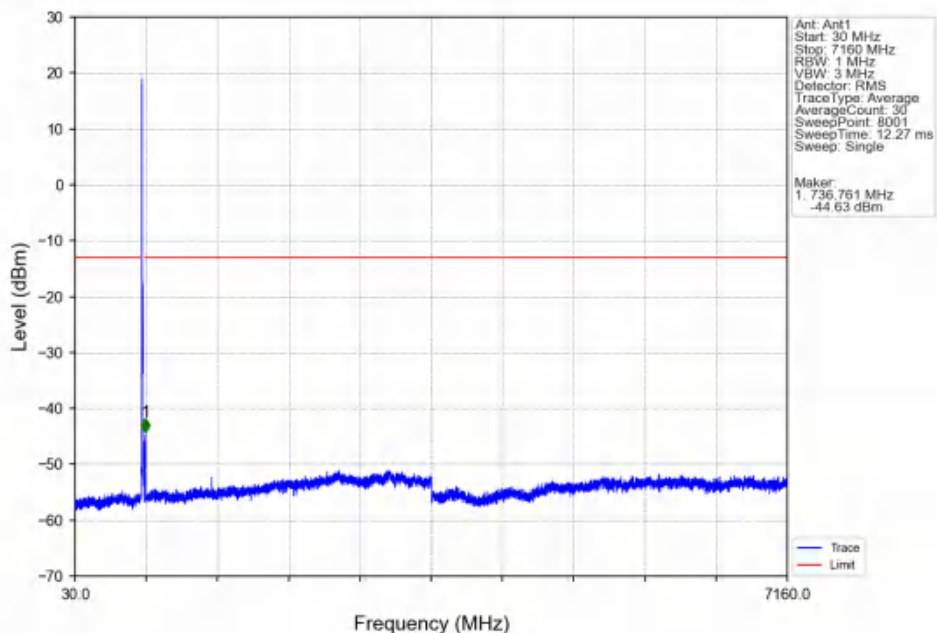
Band12 10MHz 16QAM LCH 704MHz RB 1 0 NTN



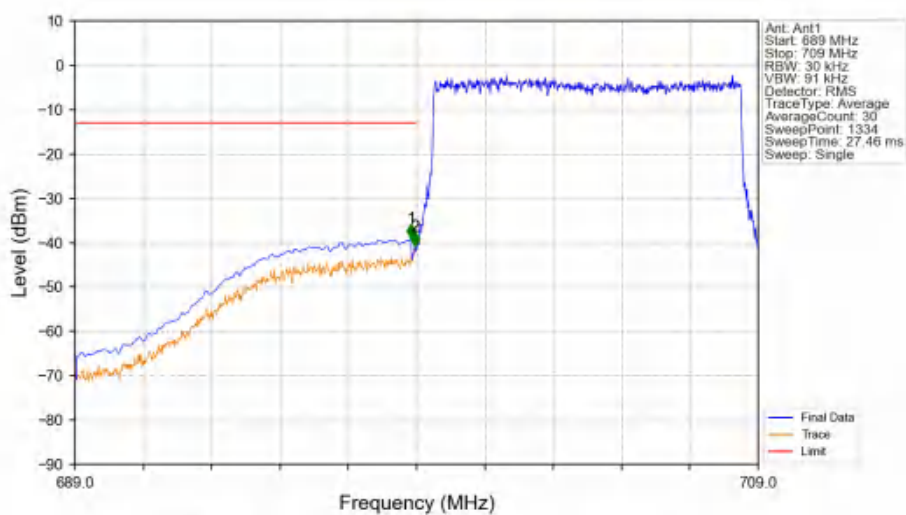
Band12 10MHz 16QAM LCH 704MHz RB 1 0 NTN



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

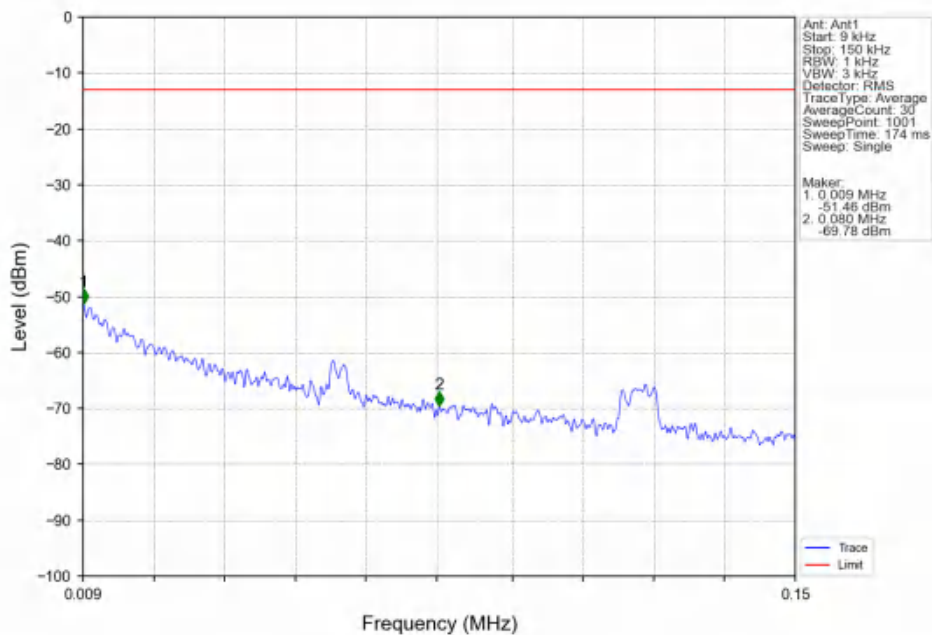


Band12 10MHz 16QAM LCH 704MHz RB 50 0 NTN

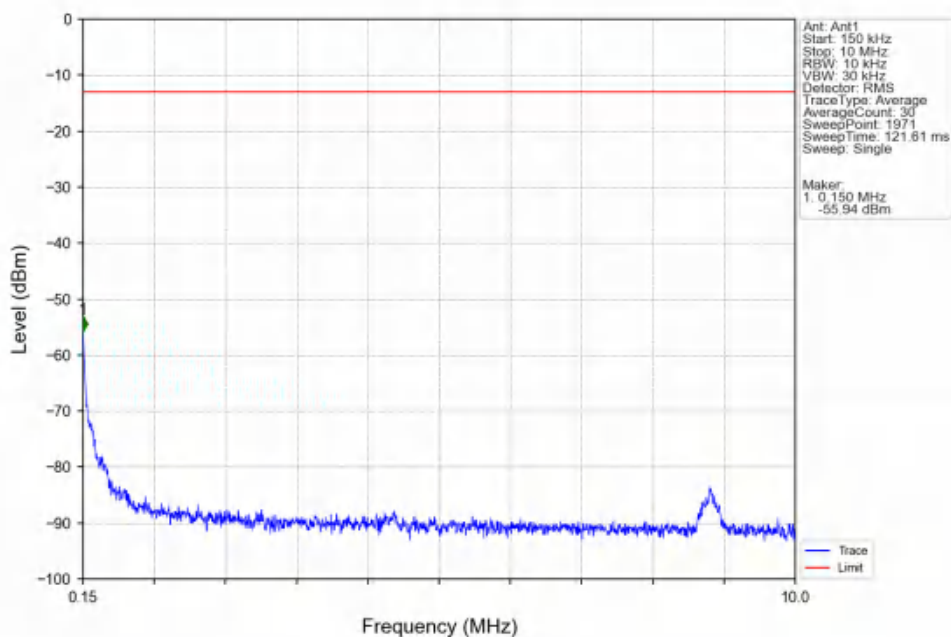


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-38.92	-13	Pass
698.9	699	0.03	/	2	698.962	-40.82	-13	Pass
699	709	0.03	/	/	/	/	/	/

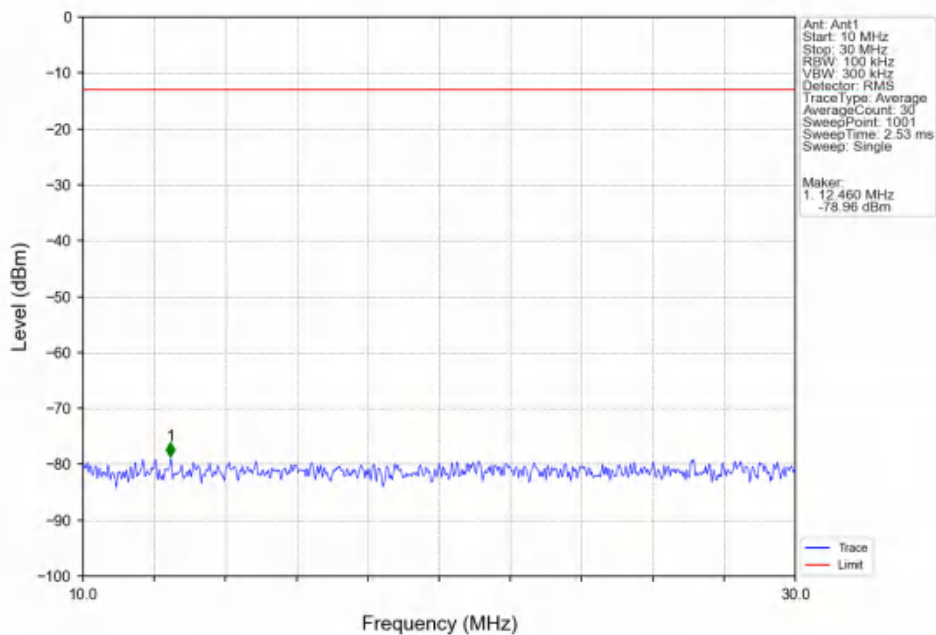
Band12 10MHz 16QAM MCH 707.5MHz RB 1 0 NTNV



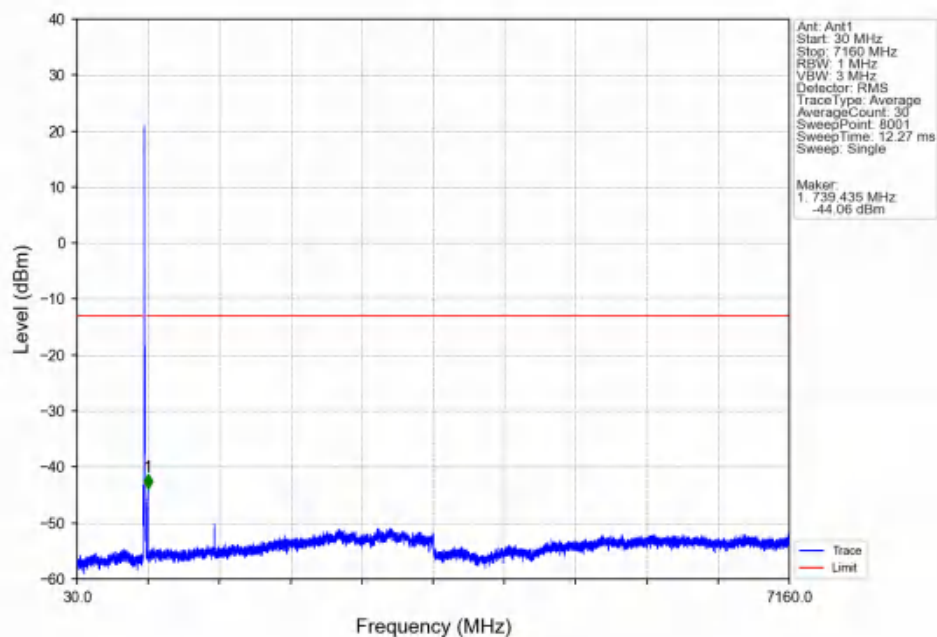
Band12 10MHz 16QAM MCH 707.5MHz RB 1 0 NTNV



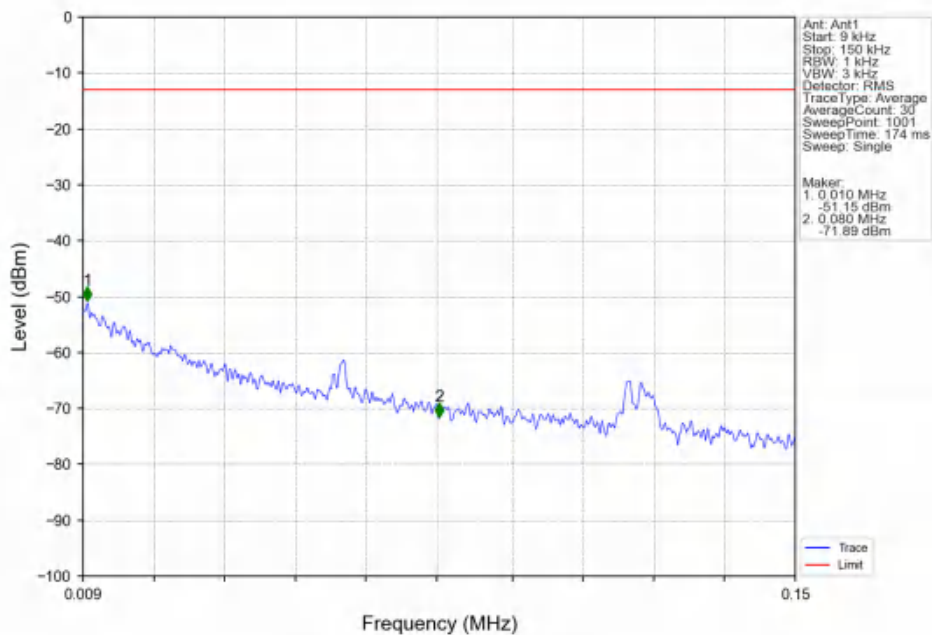
Band12 10MHz 16QAM MCH 707.5MHz RB 1 0 NTNV



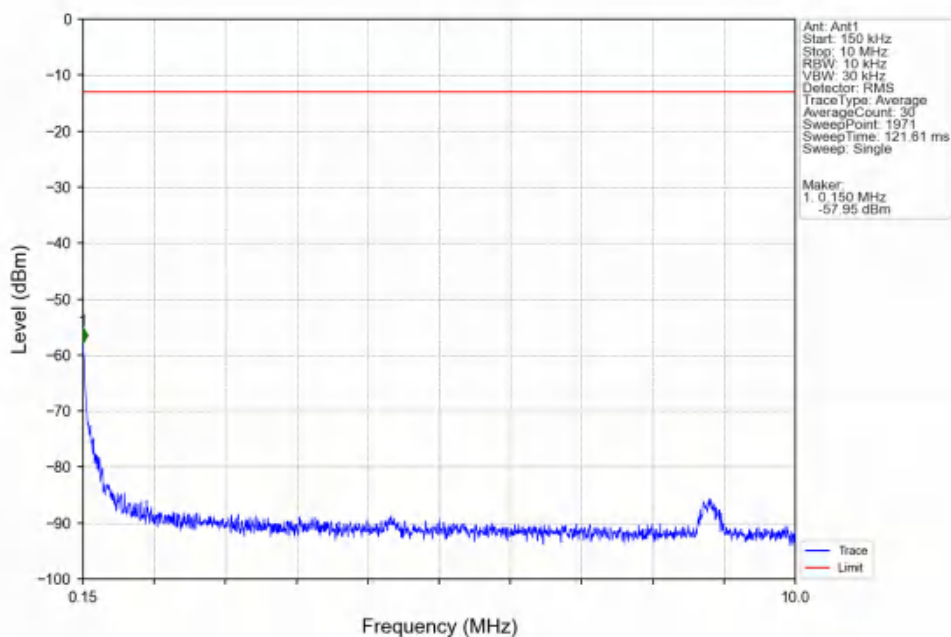
Band12 10MHz 16QAM MCH 707.5MHz RB 1 0 NTNV



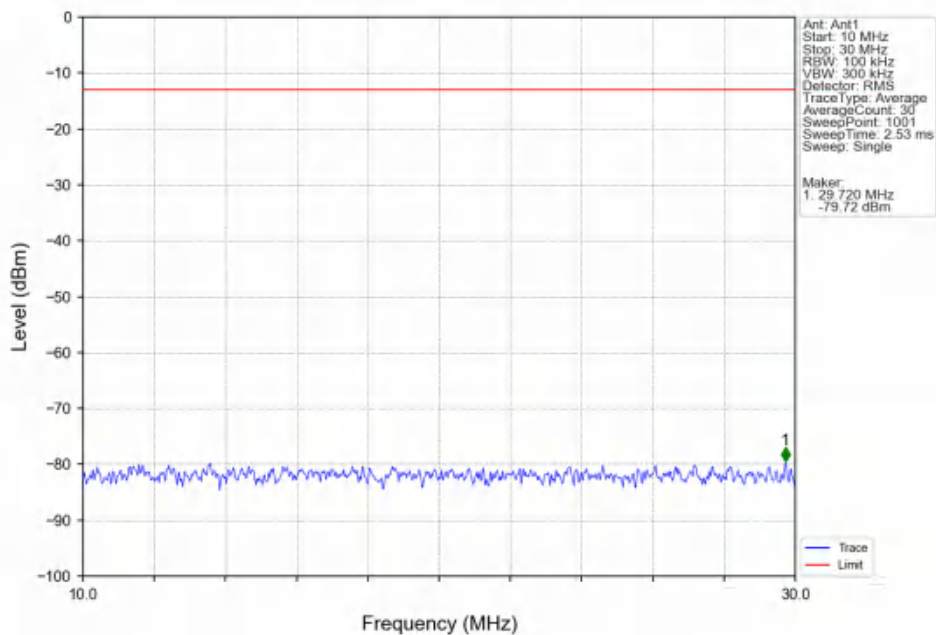
Band12 10MHz 16QAM HCH 711MHz RB 1 0 NTNV



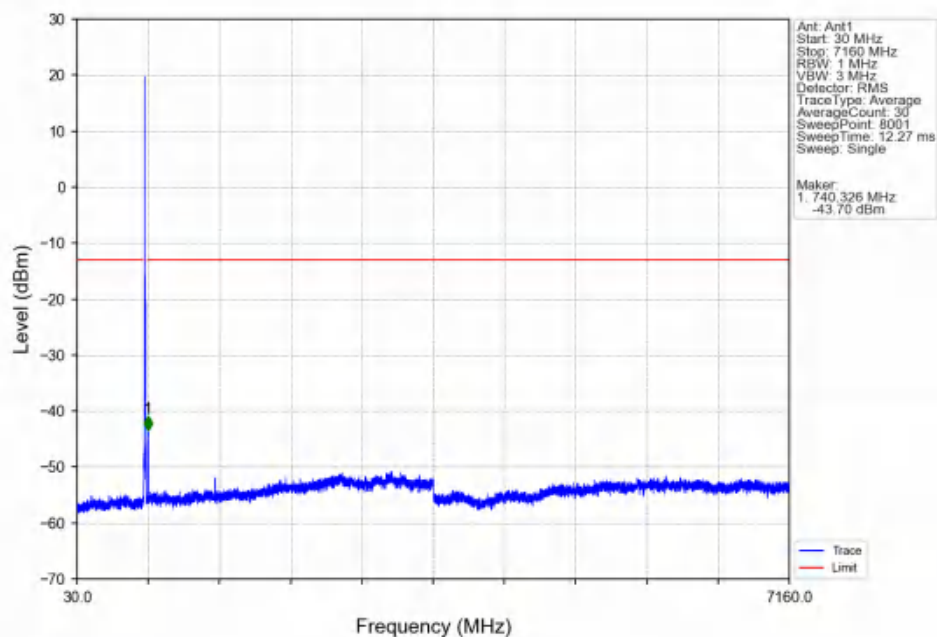
Band12 10MHz 16QAM HCH 711MHz RB 1 0 NTNV



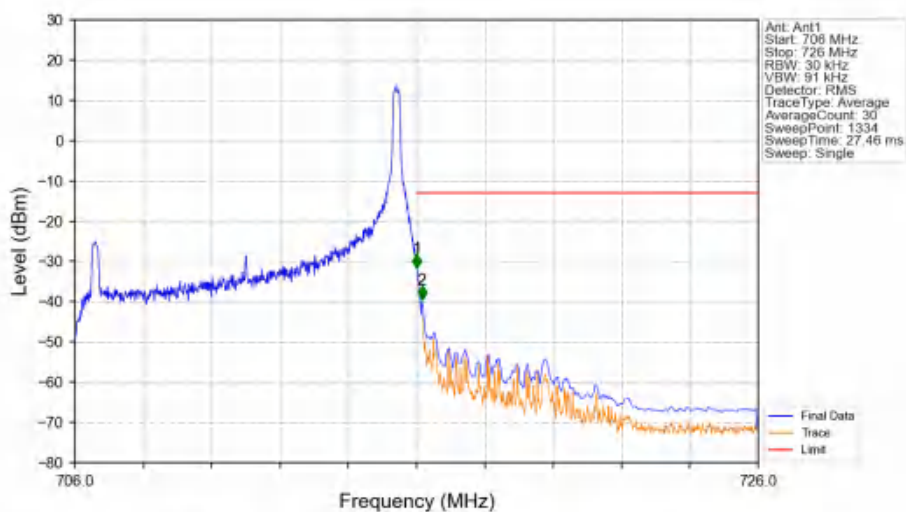
Band12 10MHz 16QAM HCH 711MHz RB 1 0 NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV

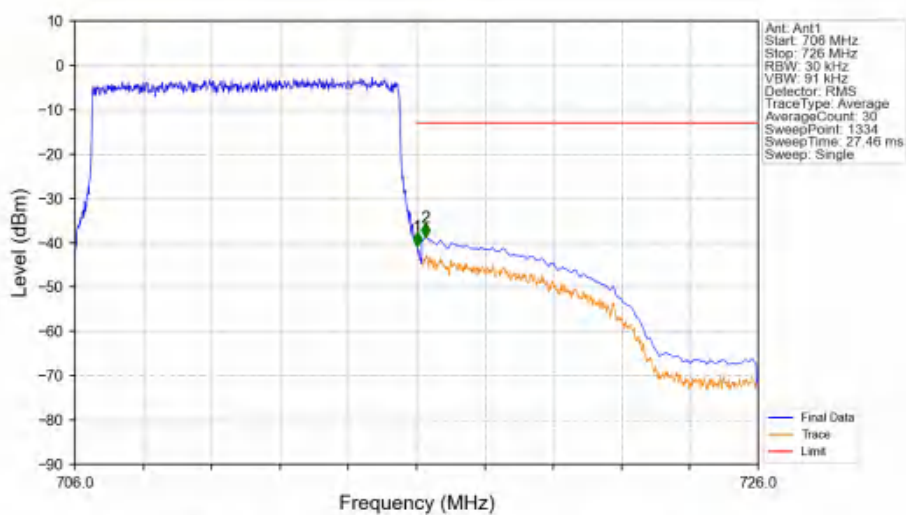


Band12 10MHz 16QAM HCH 711MHz RB 1 49 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-31.73	-13	Pass
716.1	726	0.1	CHP	2	716.158	-39.44	-13	Pass

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



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.023	-40.73	-13	Pass
716.1	726	0.1	CHP	2	716.263	-38.70	-13	Pass