

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B17_5MHz_ERP

Band: 17 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	706.5	1	0	23.93	-19.95	1.83	<=34.77	Pass
			13	24.17	-19.95	2.07	<=34.77	Pass
			24	24.05	-19.95	1.95	<=34.77	Pass
		12	0	22.72	-19.95	0.62	<=34.77	Pass
			6	22.93	-19.95	0.83	<=34.77	Pass
			13	22.82	-19.95	0.72	<=34.77	Pass
		25	0	22.73	-19.95	0.63	<=34.77	Pass
	710	1	0	24.11	-19.95	2.01	<=34.77	Pass
			13	23.91	-19.95	1.81	<=34.77	Pass
			24	23.61	-19.95	1.51	<=34.77	Pass
		12	0	22.57	-19.95	0.47	<=34.77	Pass
			6	22.59	-19.95	0.49	<=34.77	Pass
			13	22.48	-19.95	0.38	<=34.77	Pass
		25	0	22.47	-19.95	0.37	<=34.77	Pass
	713.5	1	0	23.52	-19.95	1.42	<=34.77	Pass
			13	23.75	-19.95	1.65	<=34.77	Pass
			24	23.81	-19.95	1.71	<=34.77	Pass
		12	0	22.60	-19.95	0.50	<=34.77	Pass
			6	22.64	-19.95	0.54	<=34.77	Pass
			13	22.60	-19.95	0.50	<=34.77	Pass
		25	0	22.60	-19.95	0.50	<=34.77	Pass
16QAM	706.5	1	0	23.02	-19.95	0.92	<=34.77	Pass
			13	23.16	-19.95	1.06	<=34.77	Pass
			24	23.09	-19.95	0.99	<=34.77	Pass
		12	0	21.70	-19.95	-0.40	<=34.77	Pass
			6	21.83	-19.95	-0.27	<=34.77	Pass
			13	21.74	-19.95	-0.36	<=34.77	Pass
		25	0	21.67	-19.95	-0.43	<=34.77	Pass
	710	1	0	22.22	-19.95	0.12	<=34.77	Pass
			13	22.42	-19.95	0.32	<=34.77	Pass
			24	22.41	-19.95	0.31	<=34.77	Pass
		12	0	21.50	-19.95	-0.60	<=34.77	Pass
			6	21.56	-19.95	-0.54	<=34.77	Pass
			13	21.43	-19.95	-0.67	<=34.77	Pass
		25	0	21.54	-19.95	-0.56	<=34.77	Pass
	713.5	1	0	22.69	-19.95	0.59	<=34.77	Pass
			13	22.71	-19.95	0.61	<=34.77	Pass
			24	22.64	-19.95	0.54	<=34.77	Pass
		12	0	21.64	-19.95	-0.46	<=34.77	Pass
			6	21.62	-19.95	-0.48	<=34.77	Pass
			13	21.51	-19.95	-0.59	<=34.77	Pass
		25	0	21.61	-19.95	-0.49	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.2 B17_10MHz_ERP

Band: 17 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	709	1	0	23.67	-19.95	1.57	<=34.77	Pass
			25	23.71	-19.95	1.61	<=34.77	Pass
			49	23.73	-19.95	1.63	<=34.77	Pass
		25	0	22.38	-19.95	0.28	<=34.77	Pass
			13	22.55	-19.95	0.45	<=34.77	Pass
			25	22.44	-19.95	0.34	<=34.77	Pass
		50	0	22.49	-19.95	0.39	<=34.77	Pass
	710	1	0	23.83	-19.95	1.73	<=34.77	Pass
			25	23.69	-19.95	1.59	<=34.77	Pass
			49	23.93	-19.95	1.83	<=34.77	Pass
		25	0	22.50	-19.95	0.40	<=34.77	Pass
			13	22.61	-19.95	0.51	<=34.77	Pass
			25	22.56	-19.95	0.46	<=34.77	Pass
		50	0	22.57	-19.95	0.47	<=34.77	Pass
	711	1	0	23.75	-19.95	1.65	<=34.77	Pass
			25	23.67	-19.95	1.57	<=34.77	Pass
			49	23.84	-19.95	1.74	<=34.77	Pass
		25	0	22.69	-19.95	0.59	<=34.77	Pass
			13	22.63	-19.95	0.53	<=34.77	Pass
			25	22.65	-19.95	0.55	<=34.77	Pass
		50	0	22.70	-19.95	0.60	<=34.77	Pass
16QAM	709	1	0	22.91	-19.95	0.81	<=34.77	Pass
			25	23.02	-19.95	0.92	<=34.77	Pass
			49	23.09	-19.95	0.99	<=34.77	Pass
		25	0	21.36	-19.95	-0.74	<=34.77	Pass
			13	21.58	-19.95	-0.52	<=34.77	Pass
			25	21.52	-19.95	-0.58	<=34.77	Pass
		50	0	21.45	-19.95	-0.65	<=34.77	Pass
	710	1	0	22.51	-19.95	0.41	<=34.77	Pass
			25	22.66	-19.95	0.56	<=34.77	Pass
			49	22.58	-19.95	0.48	<=34.77	Pass
		25	0	21.52	-19.95	-0.58	<=34.77	Pass
			13	21.69	-19.95	-0.41	<=34.77	Pass
			25	21.66	-19.95	-0.44	<=34.77	Pass
		50	0	21.58	-19.95	-0.52	<=34.77	Pass
	711	1	0	22.61	-19.95	0.51	<=34.77	Pass
			25	22.86	-19.95	0.76	<=34.77	Pass
			49	22.75	-19.95	0.65	<=34.77	Pass
		25	0	21.66	-19.95	-0.44	<=34.77	Pass
			13	21.73	-19.95	-0.37	<=34.77	Pass
			25	21.67	-19.95	-0.43	<=34.77	Pass
		50	0	21.67	-19.95	-0.43	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

2. Frequency Stability

2.1 Test Result

2.1.1 B17_5MHz

Band: 17 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	706.5	25	0	20	3.27	-3.490	-0.0049	-2.5 to 2.5	Pass
					3.85	-7.553	-0.0107	-2.5 to 2.5	Pass
					4.43	-4.406	-0.0062	-2.5 to 2.5	Pass
				-30	3.85	-2.403	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	2.074	0.0029	-2.5 to 2.5	Pass
				-10	3.85	-7.081	-0.0100	-2.5 to 2.5	Pass
				0	3.85	-0.086	-0.0001	-2.5 to 2.5	Pass
				10	3.85	-1.545	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-4.206	-0.0060	-2.5 to 2.5	Pass
				40	3.85	-6.466	-0.0092	-2.5 to 2.5	Pass
				50	3.85	-0.730	-0.0010	-2.5 to 2.5	Pass
	710	25	0	20	3.27	-0.501	-0.0007	-2.5 to 2.5	Pass
					3.85	-2.532	-0.0036	-2.5 to 2.5	Pass
					4.43	0.601	0.0008	-2.5 to 2.5	Pass
				-30	3.85	0.744	0.0010	-2.5 to 2.5	Pass
				-20	3.85	-4.449	-0.0063	-2.5 to 2.5	Pass
				-10	3.85	-2.604	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-5.393	-0.0076	-2.5 to 2.5	Pass
				10	3.85	-1.688	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-5.708	-0.0080	-2.5 to 2.5	Pass
				40	3.85	0.801	0.0011	-2.5 to 2.5	Pass
				50	3.85	-2.046	-0.0029	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-6.509	-0.0091	-2.5 to 2.5	Pass
					3.85	-2.918	-0.0041	-2.5 to 2.5	Pass
					4.43	-4.406	-0.0062	-2.5 to 2.5	Pass
				-30	3.85	0.272	0.0004	-2.5 to 2.5	Pass
				-20	3.85	-1.631	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-2.904	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-0.186	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-4.621	-0.0065	-2.5 to 2.5	Pass
				30	3.85	-5.765	-0.0081	-2.5 to 2.5	Pass
				40	3.85	-4.749	-0.0067	-2.5 to 2.5	Pass
				50	3.85	-4.392	-0.0062	-2.5 to 2.5	Pass
16QAM	706.5	25	0	20	3.27	-2.217	-0.0031	-2.5 to 2.5	Pass
					3.85	-3.648	-0.0052	-2.5 to 2.5	Pass
					4.43	-1.273	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-2.747	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	-0.200	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-0.014	0.0000	-2.5 to 2.5	Pass
				0	3.85	0.515	0.0007	-2.5 to 2.5	Pass
				10	3.85	-2.832	-0.0040	-2.5 to 2.5	Pass
				30	3.85	-2.131	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-10.772	-0.0152	-2.5 to 2.5	Pass
				50	3.85	-2.489	-0.0035	-2.5 to 2.5	Pass
	710	25	0	20	3.27	-2.890	-0.0041	-2.5 to 2.5	Pass
					3.85	-9.770	-0.0138	-2.5 to 2.5	Pass
					4.43	-0.715	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	0.229	0.0003	-2.5 to 2.5	Pass
				-20	3.85	3.119	0.0044	-2.5 to 2.5	Pass
				-10	3.85	-6.208	-0.0087	-2.5 to 2.5	Pass
				0	3.85	-6.223	-0.0088	-2.5 to 2.5	Pass
				10	3.85	-5.579	-0.0079	-2.5 to 2.5	Pass
				30	3.85	-1.831	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-0.973	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-2.146	-0.0030	-2.5 to 2.5	Pass

	713.5	25	0	20	3.27	-4.363	-0.0061	-2.5 to 2.5	Pass
					3.85	-1.216	-0.0017	-2.5 to 2.5	Pass
					4.43	-4.592	-0.0064	-2.5 to 2.5	Pass
				-30	3.85	-1.931	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	0.644	0.0009	-2.5 to 2.5	Pass
				-10	3.85	3.090	0.0043	-2.5 to 2.5	Pass
				0	3.85	-2.289	-0.0032	-2.5 to 2.5	Pass
				10	3.85	-4.449	-0.0062	-2.5 to 2.5	Pass
				30	3.85	2.089	0.0029	-2.5 to 2.5	Pass
				40	3.85	1.416	0.0020	-2.5 to 2.5	Pass
				50	3.85	1.531	0.0021	-2.5 to 2.5	Pass

2.1.2 B17_10MHz

Band: 17 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	709	50	0	20	3.27	-2.961	-0.0042	-2.5 to 2.5	Pass
					3.85	-1.459	-0.0021	-2.5 to 2.5	Pass
					4.43	-1.531	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-0.215	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-3.219	-0.0045	-2.5 to 2.5	Pass
				-10	3.85	-1.817	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-2.146	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-2.675	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-0.401	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-1.488	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-1.802	-0.0025	-2.5 to 2.5	Pass
	710	50	0	20	3.27	-2.332	-0.0033	-2.5 to 2.5	Pass
					3.85	-1.745	-0.0025	-2.5 to 2.5	Pass
					4.43	-5.493	-0.0077	-2.5 to 2.5	Pass
				-30	3.85	-2.346	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-4.435	-0.0062	-2.5 to 2.5	Pass
				-10	3.85	-3.591	-0.0051	-2.5 to 2.5	Pass
				0	3.85	-3.448	-0.0049	-2.5 to 2.5	Pass
				10	3.85	-5.565	-0.0078	-2.5 to 2.5	Pass
				30	3.85	-3.848	-0.0054	-2.5 to 2.5	Pass
				40	3.85	-4.807	-0.0068	-2.5 to 2.5	Pass
				50	3.85	-5.550	-0.0078	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-1.402	-0.0020	-2.5 to 2.5	Pass
					3.85	-0.801	-0.0011	-2.5 to 2.5	Pass
					4.43	-3.948	-0.0056	-2.5 to 2.5	Pass
				-30	3.85	-3.548	-0.0050	-2.5 to 2.5	Pass
				-20	3.85	-1.616	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-1.760	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-5.565	-0.0078	-2.5 to 2.5	Pass
				10	3.85	-4.549	-0.0064	-2.5 to 2.5	Pass
				30	3.85	0.157	0.0002	-2.5 to 2.5	Pass
				40	3.85	-1.173	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-3.433	-0.0048	-2.5 to 2.5	Pass
16QAM	709	50	0	20	3.27	-0.701	-0.0010	-2.5 to 2.5	Pass
					3.85	-4.435	-0.0063	-2.5 to 2.5	Pass
					4.43	-4.163	-0.0059	-2.5 to 2.5	Pass
				-30	3.85	-4.978	-0.0070	-2.5 to 2.5	Pass
				-20	3.85	-1.931	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-3.047	-0.0043	-2.5 to 2.5	Pass

				0	3.85	-2.189	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-4.063	-0.0057	-2.5 to 2.5	Pass
				30	3.85	-5.665	-0.0080	-2.5 to 2.5	Pass
				40	3.85	0.329	0.0005	-2.5 to 2.5	Pass
				50	3.85	-2.418	-0.0034	-2.5 to 2.5	Pass
	710	50	0	20	3.27	-3.061	-0.0043	-2.5 to 2.5	Pass
					3.85	-2.289	-0.0032	-2.5 to 2.5	Pass
					4.43	-2.804	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-4.063	-0.0057	-2.5 to 2.5	Pass
				-20	3.85	-3.705	-0.0052	-2.5 to 2.5	Pass
				-10	3.85	-6.595	-0.0093	-2.5 to 2.5	Pass
				0	3.85	-0.143	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-3.362	-0.0047	-2.5 to 2.5	Pass
				30	3.85	0.157	0.0002	-2.5 to 2.5	Pass
				40	3.85	-4.392	-0.0062	-2.5 to 2.5	Pass
				50	3.85	-2.103	-0.0030	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-1.302	-0.0018	-2.5 to 2.5	Pass
					3.85	-4.206	-0.0059	-2.5 to 2.5	Pass
					4.43	-6.123	-0.0086	-2.5 to 2.5	Pass
				-30	3.85	-5.250	-0.0074	-2.5 to 2.5	Pass
				-20	3.85	-6.022	-0.0085	-2.5 to 2.5	Pass
				-10	3.85	-5.536	-0.0078	-2.5 to 2.5	Pass
				0	3.85	-2.003	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-4.106	-0.0058	-2.5 to 2.5	Pass
				30	3.85	-0.086	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-1.488	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-2.818	-0.0040	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B17_5MHz

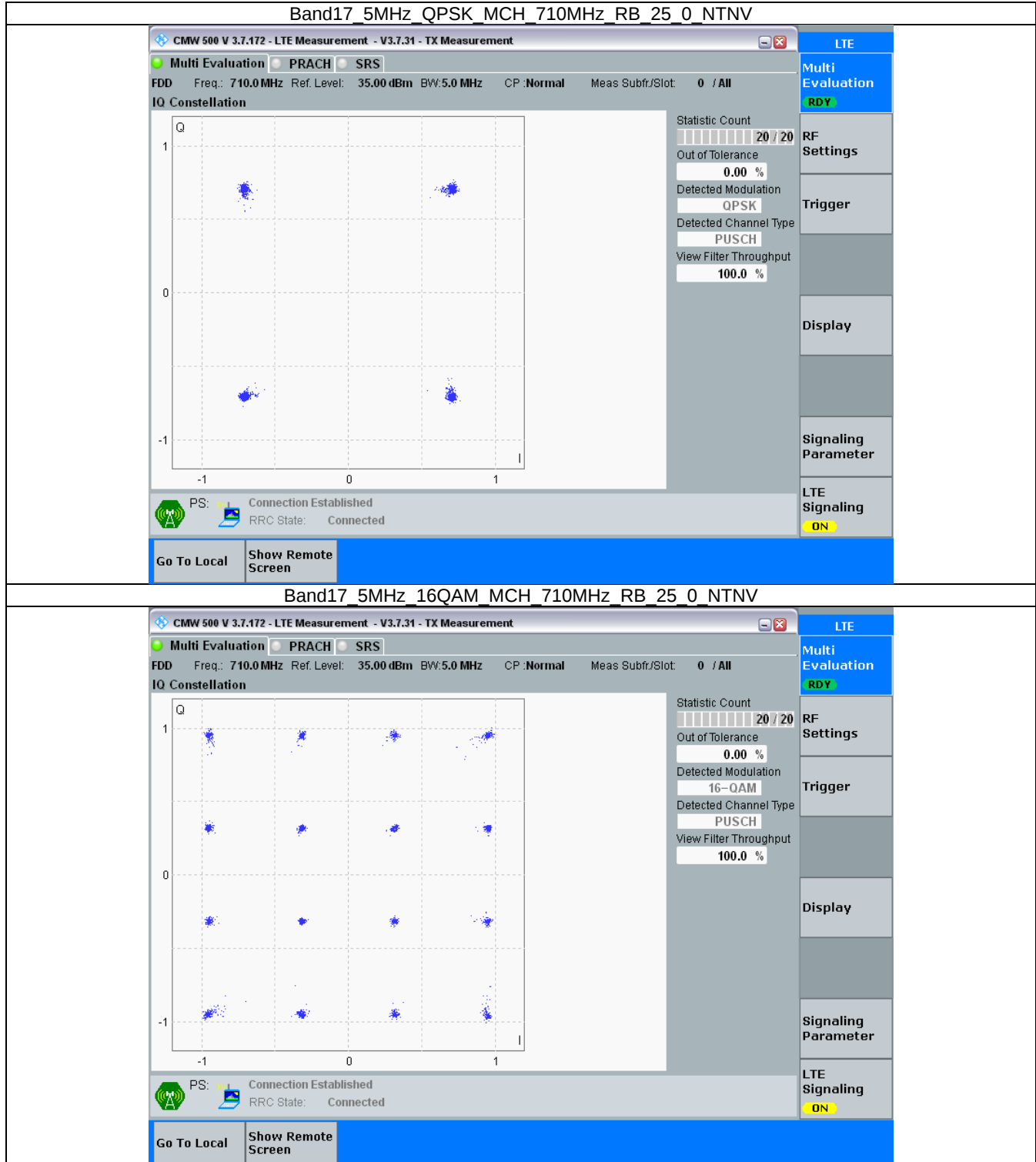
Band: 17 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	710	25	0	Refer To Test Graph		Pass
16QAM	710	25	0	Refer To Test Graph		Pass

3.1.2 B17_10MHz

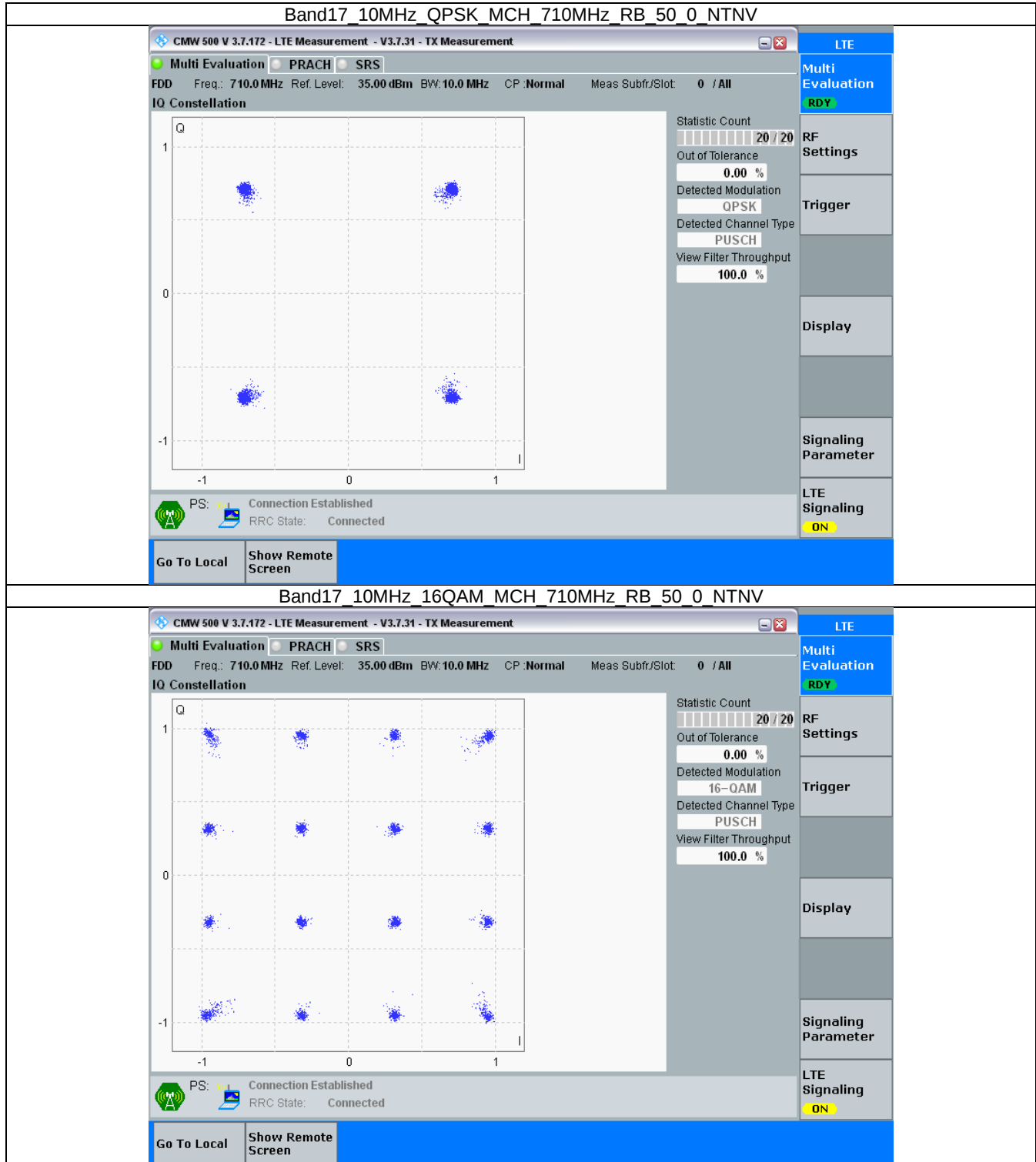
Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	710	50	0	Refer To Test Graph		Pass
16QAM	710	50	0	Refer To Test Graph		Pass

3.2 Test Graph

3.2.1 B17_5MHz



3.2.2 B17_10MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band17_OBW

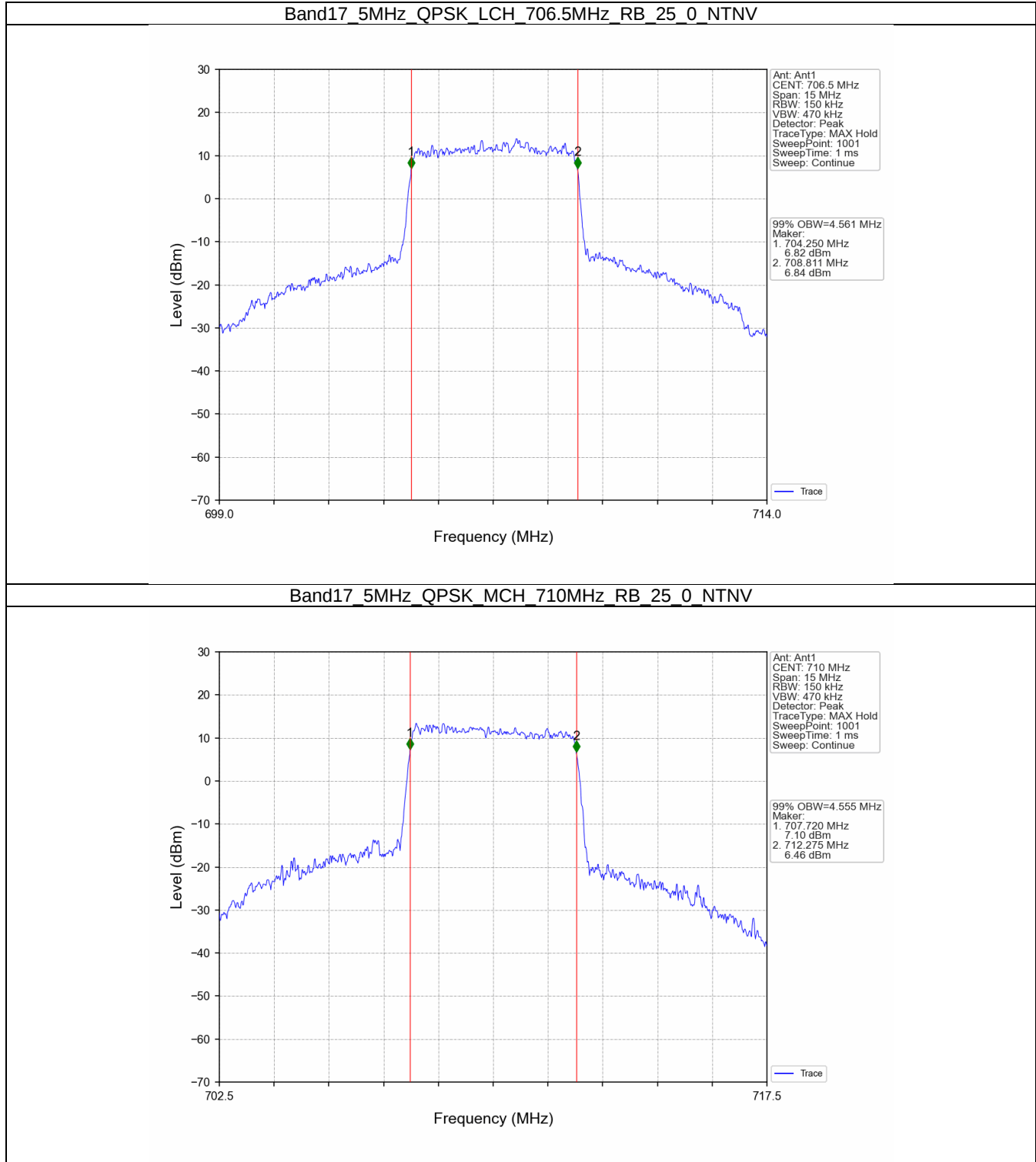
Band: 17 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	706.5	25	0	4.561	/	Pass
		710	25	0	4.555	/	Pass
		713.5	25	0	4.559	/	Pass
	16QAM	706.5	25	0	4.556	/	Pass
		710	25	0	4.575	/	Pass
		713.5	25	0	4.540	/	Pass
10	QPSK	709	50	0	9.015	/	Pass
		710	50	0	9.068	/	Pass
		711	50	0	9.093	/	Pass
	16QAM	709	50	0	9.012	/	Pass
		710	50	0	9.074	/	Pass
		711	50	0	9.077	/	Pass

4.1.2 Band17_XDB

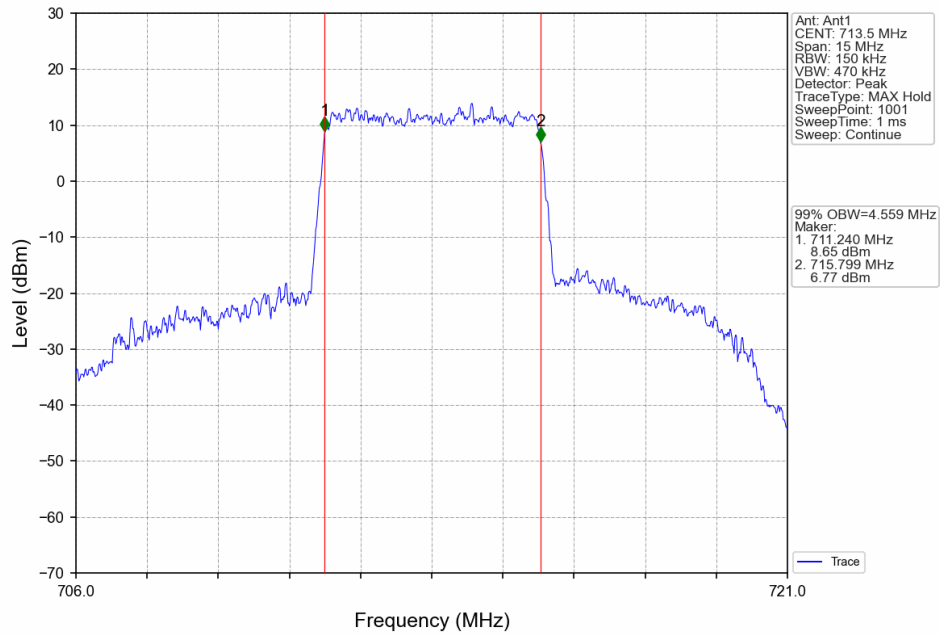
Band: 17 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	706.5	25	0	5.116	/	Pass
		710	25	0	5.000	/	Pass
		713.5	25	0	4.997	/	Pass
	16QAM	706.5	25	0	5.107	/	Pass
		710	25	0	5.024	/	Pass
		713.5	25	0	5.030	/	Pass
10	QPSK	709	50	0	9.866	/	Pass
		710	50	0	9.883	/	Pass
		711	50	0	9.944	/	Pass
	16QAM	709	50	0	9.811	/	Pass
		710	50	0	9.832	/	Pass
		711	50	0	9.862	/	Pass

4.2 Test Graph

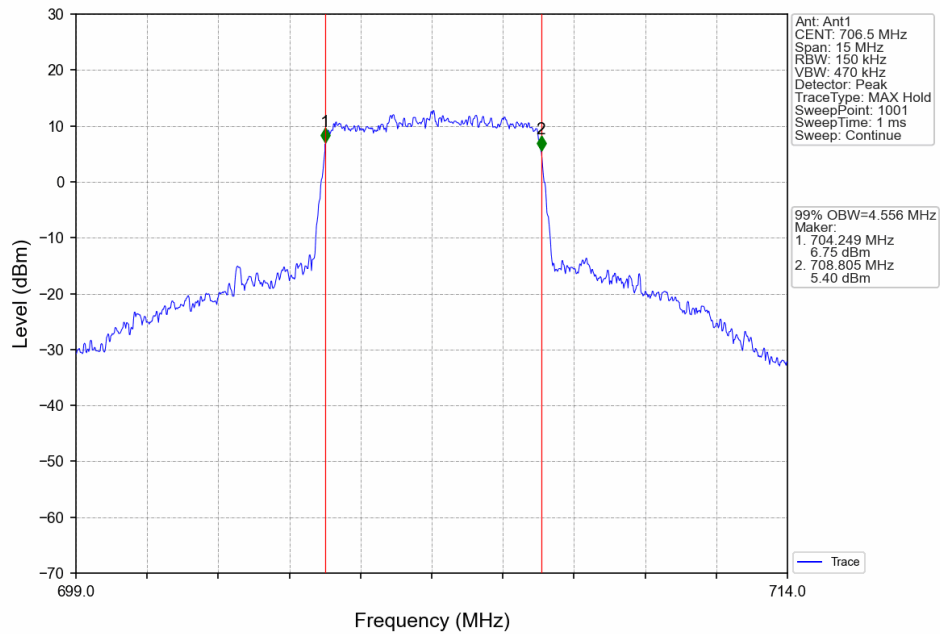
4.2.1 Band17_OBW



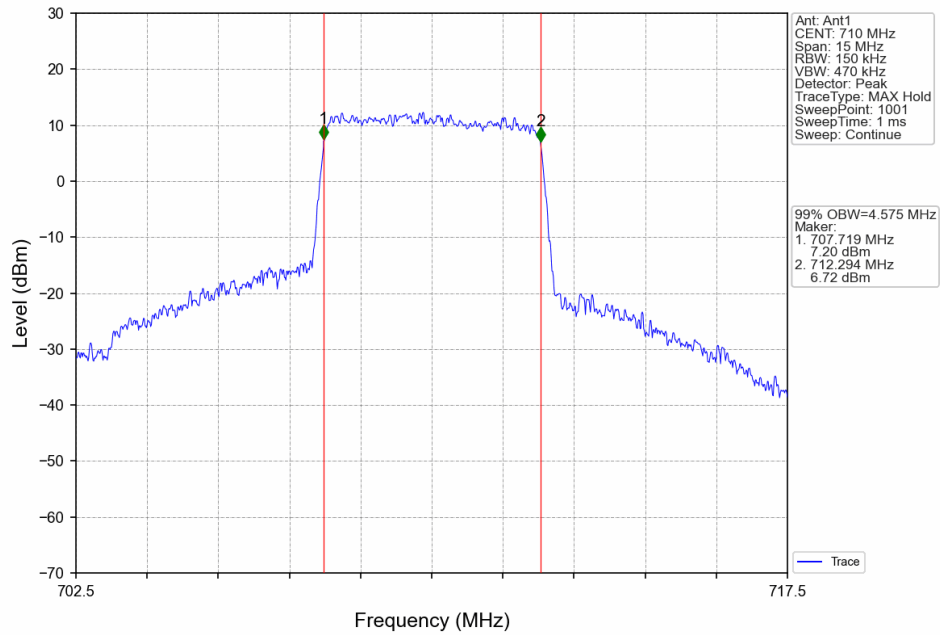
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



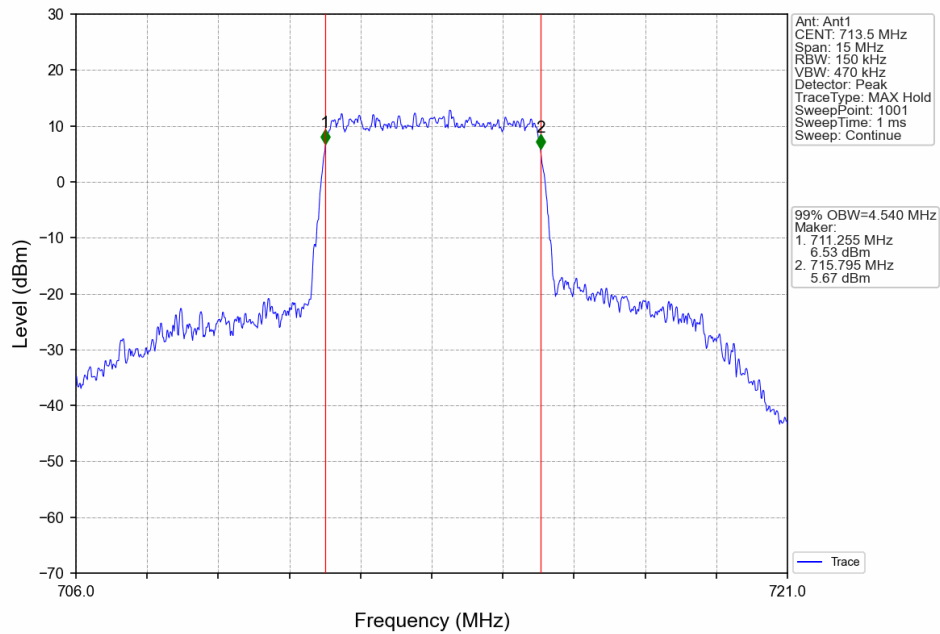
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



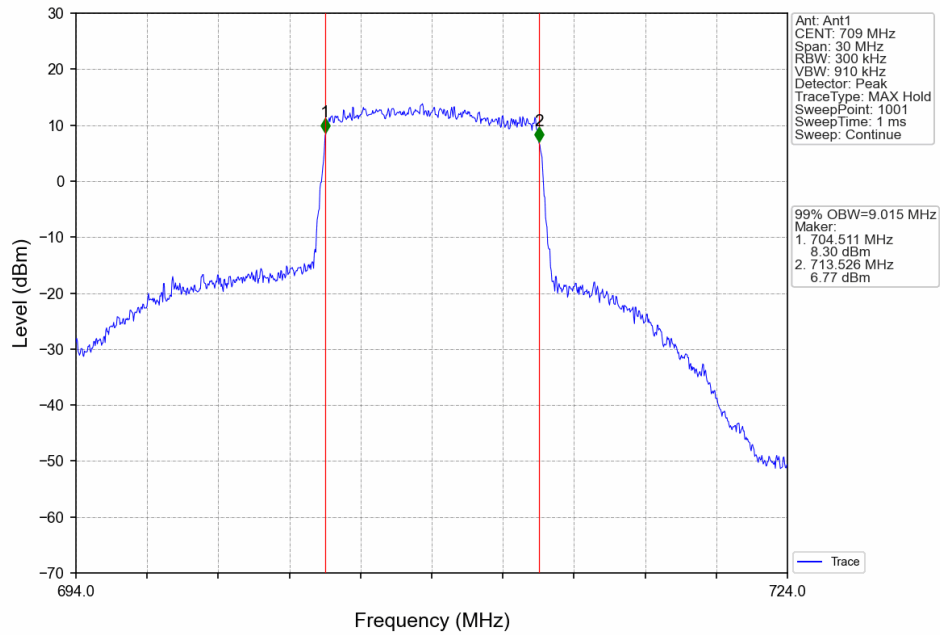
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



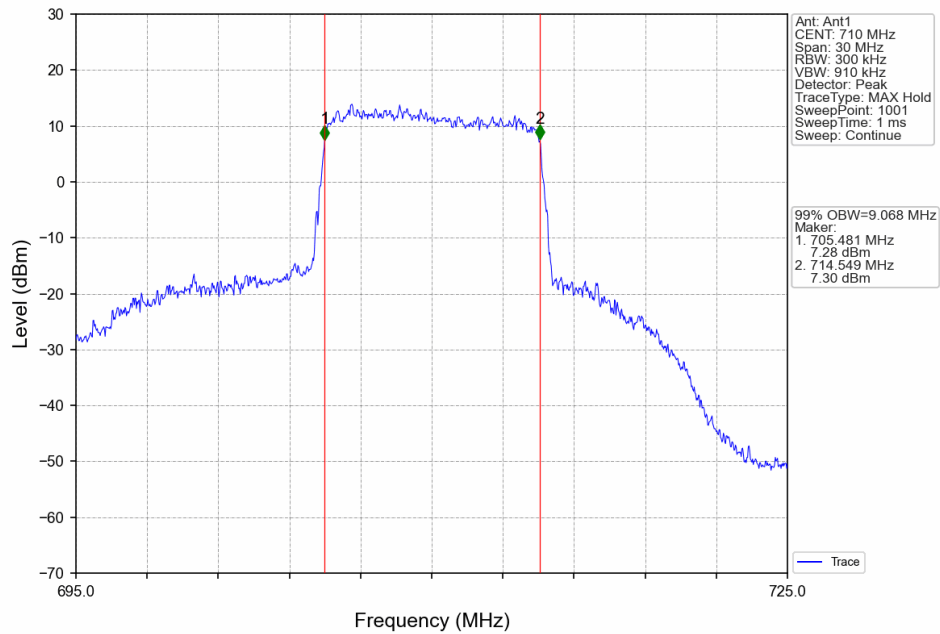
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



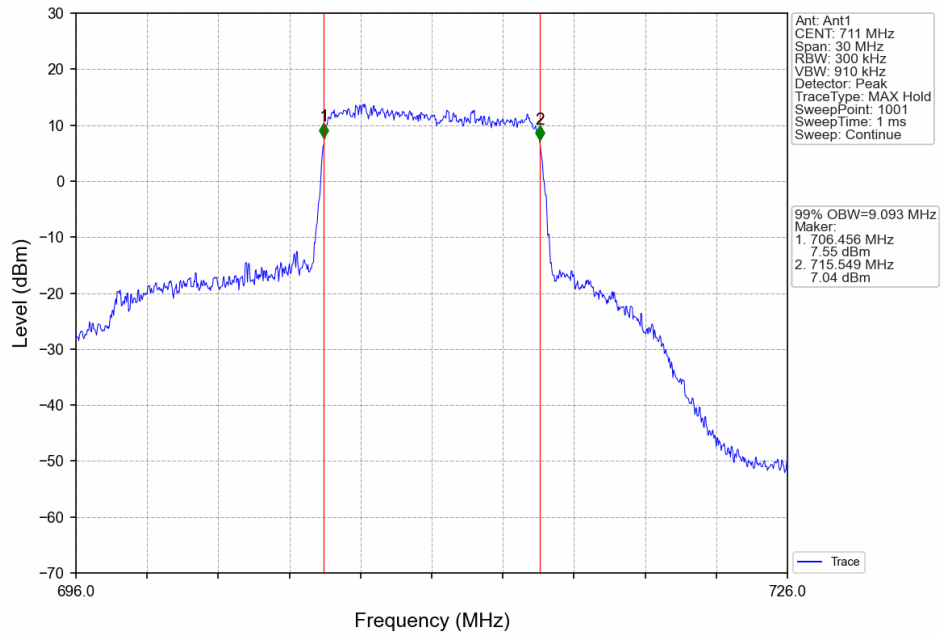
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



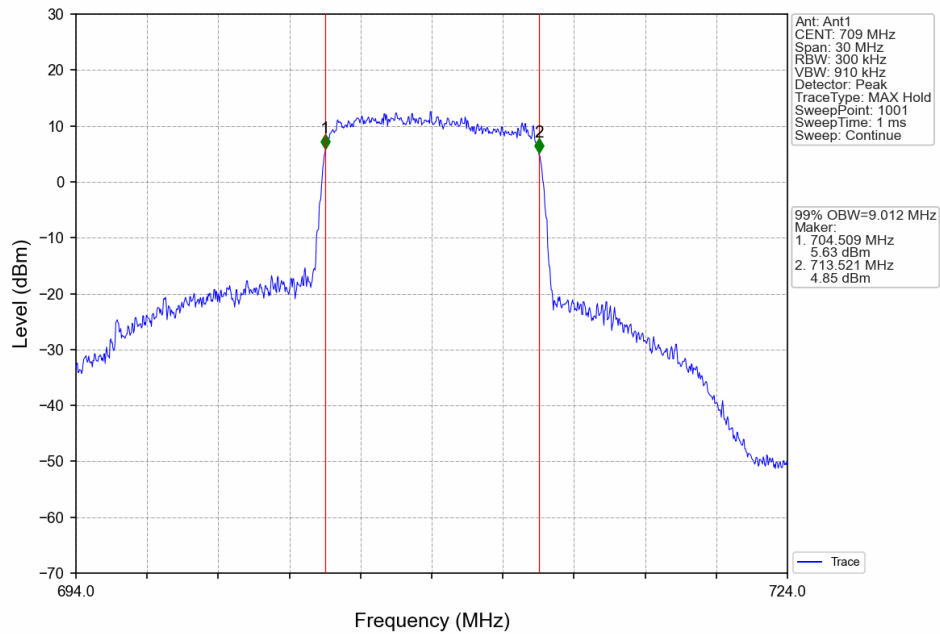
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



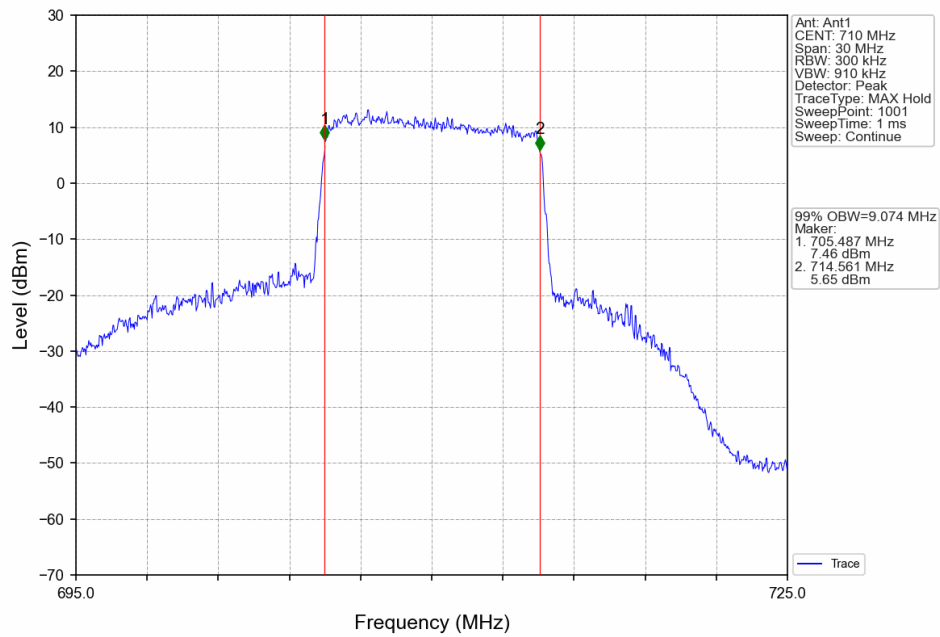
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



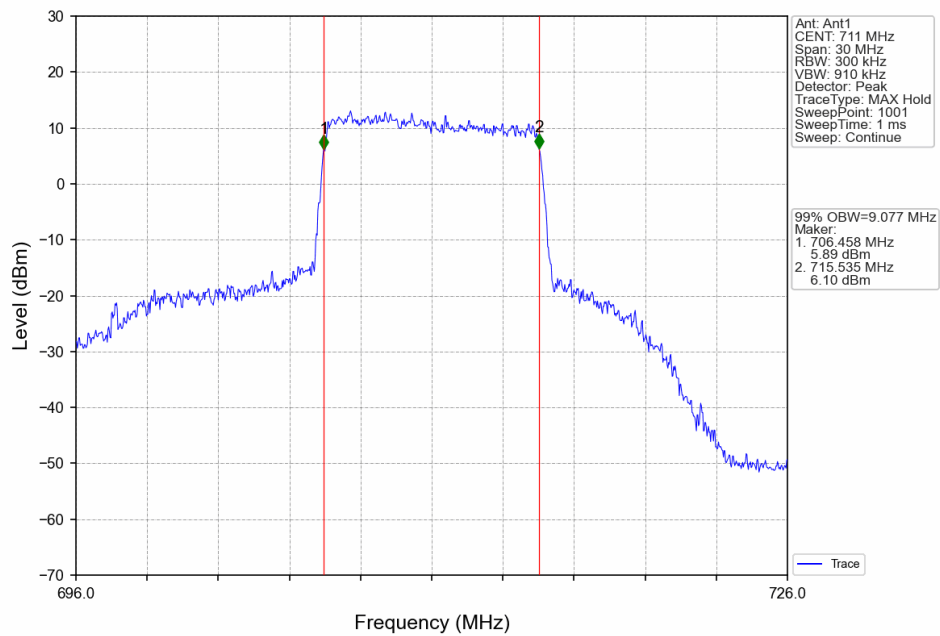
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



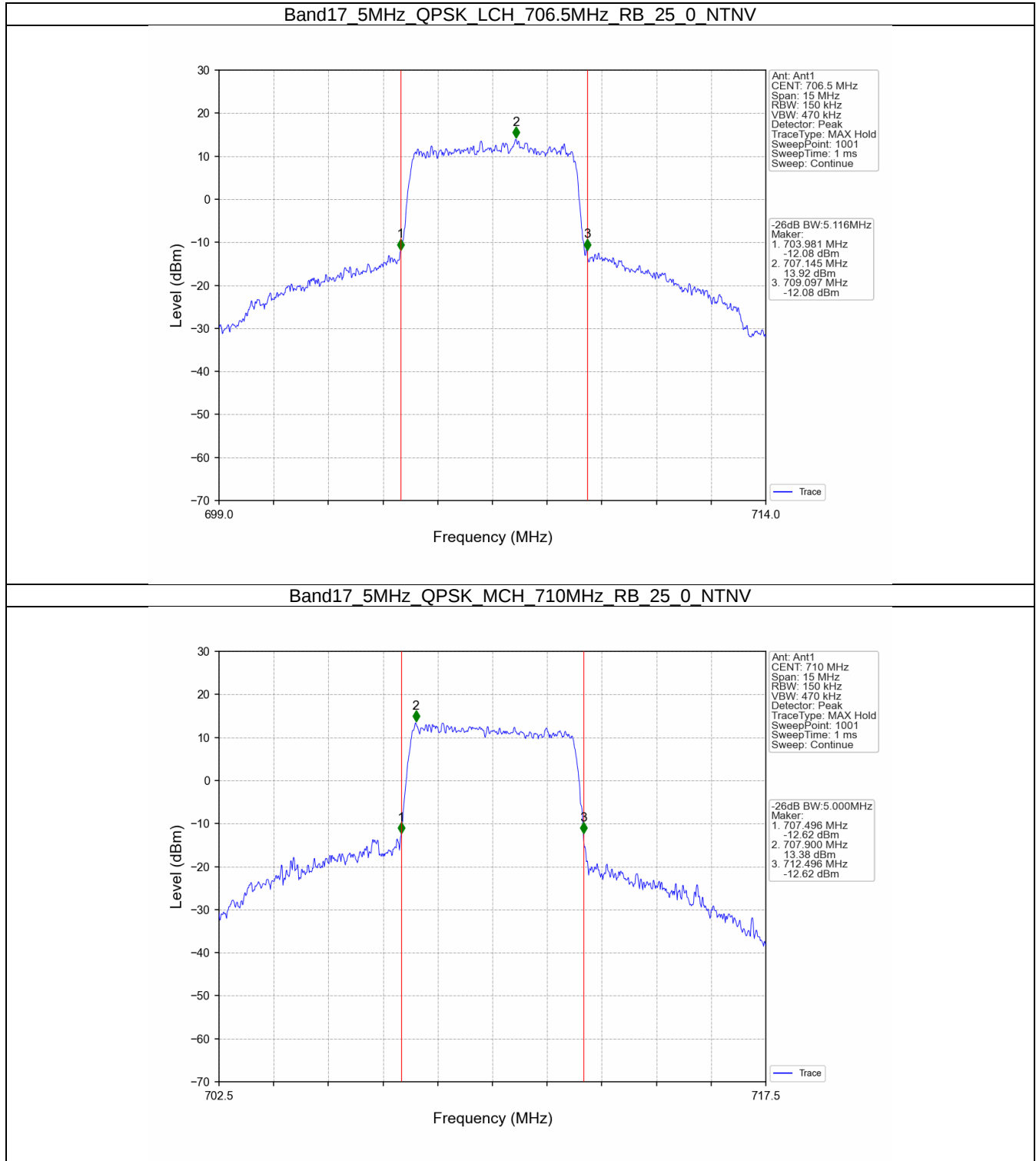
Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



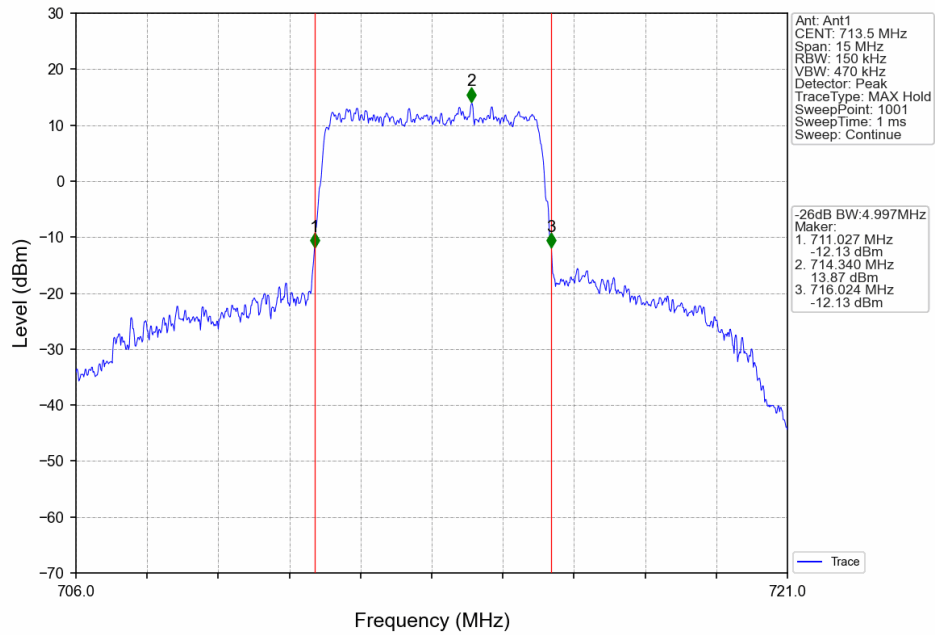
Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



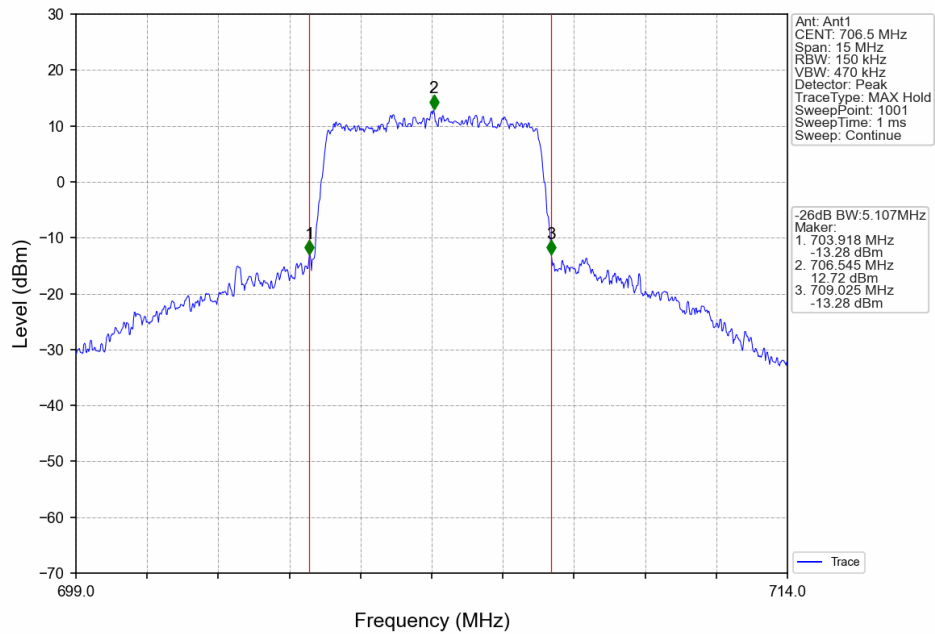
4.2.2 Band17_XDB



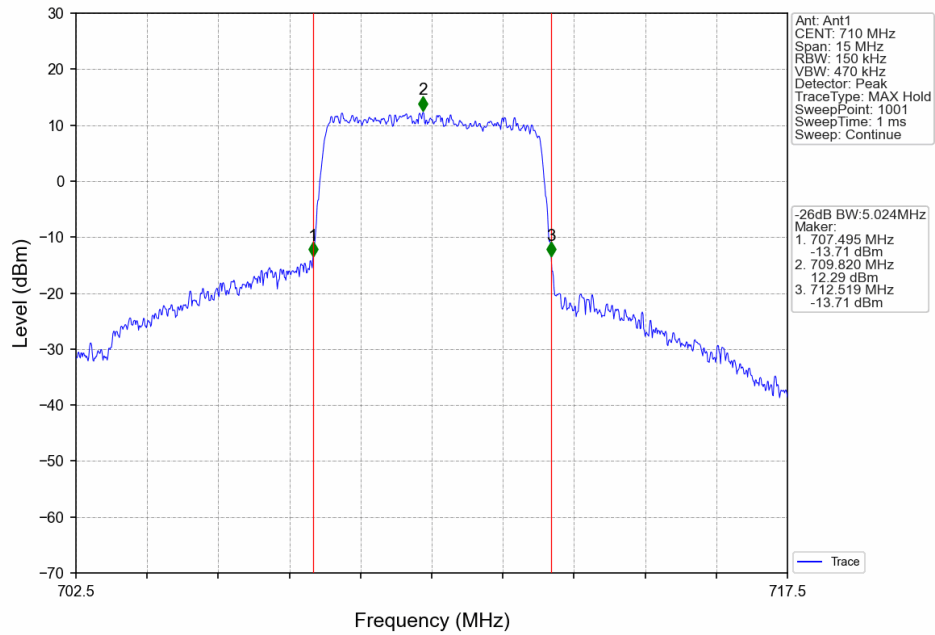
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



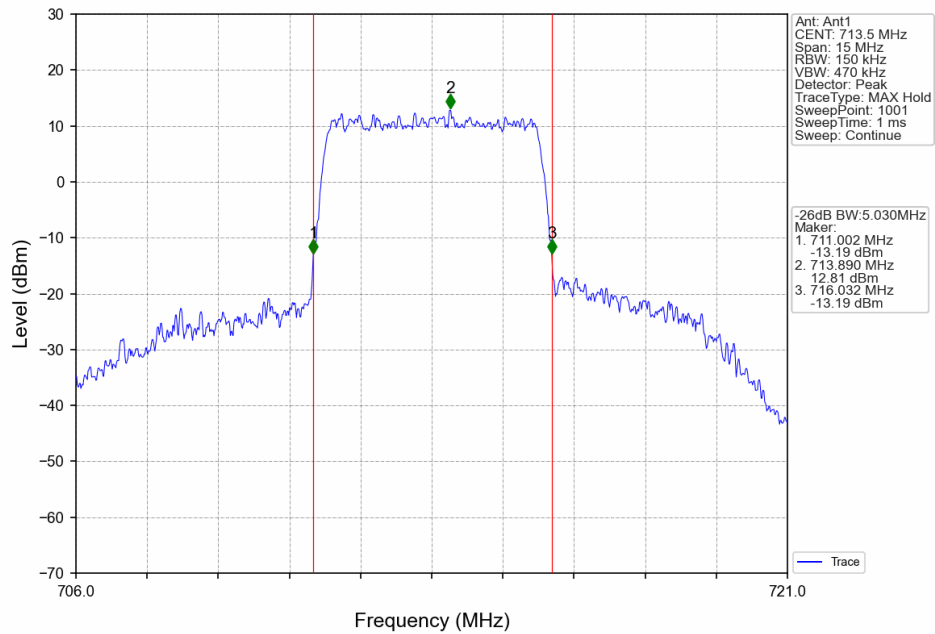
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



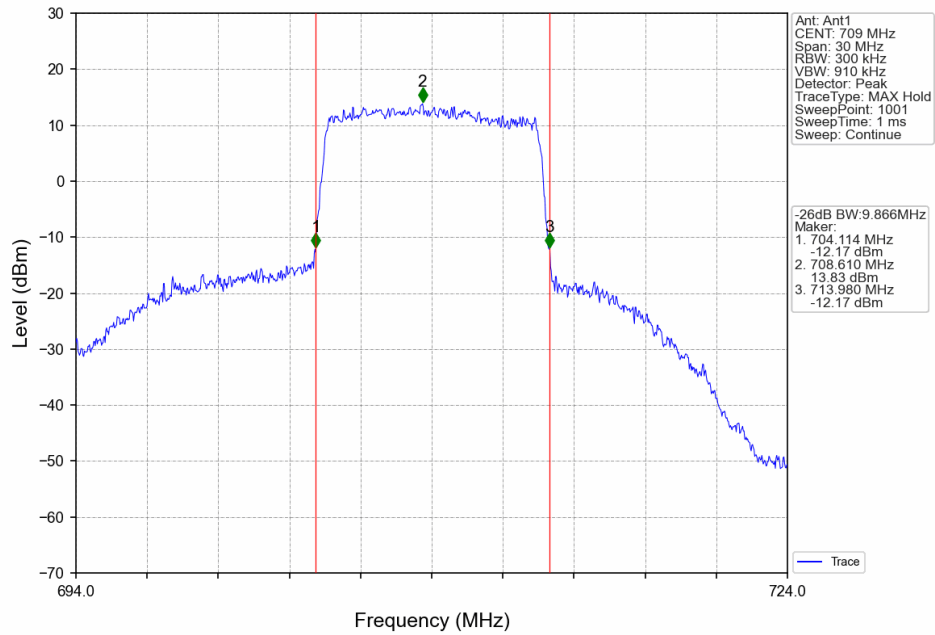
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



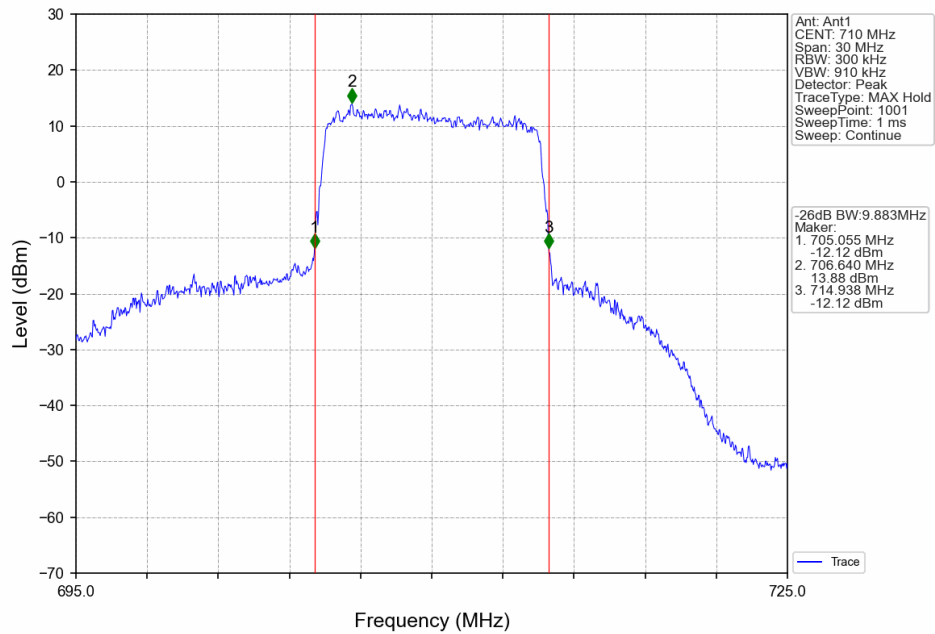
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



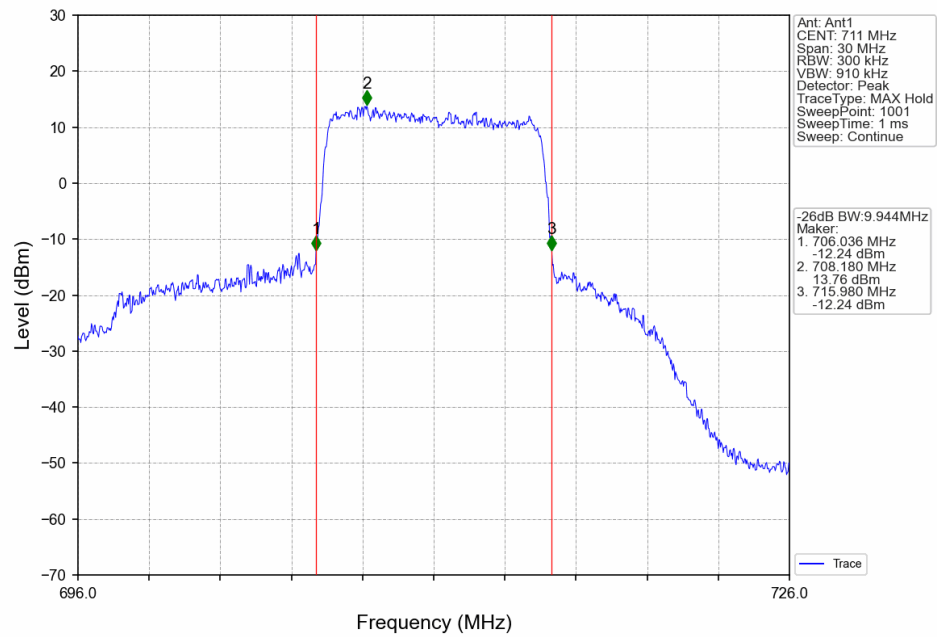
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



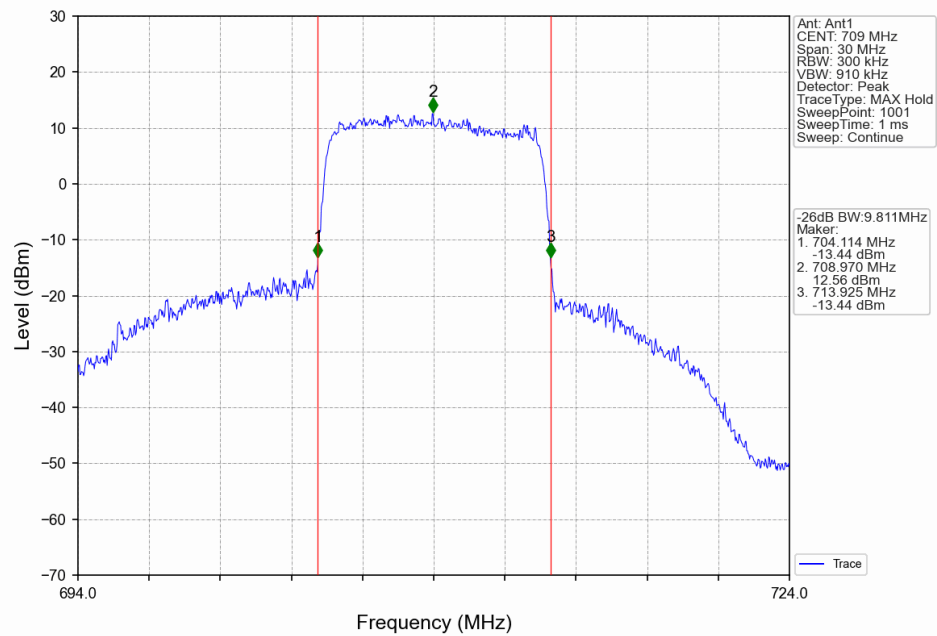
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



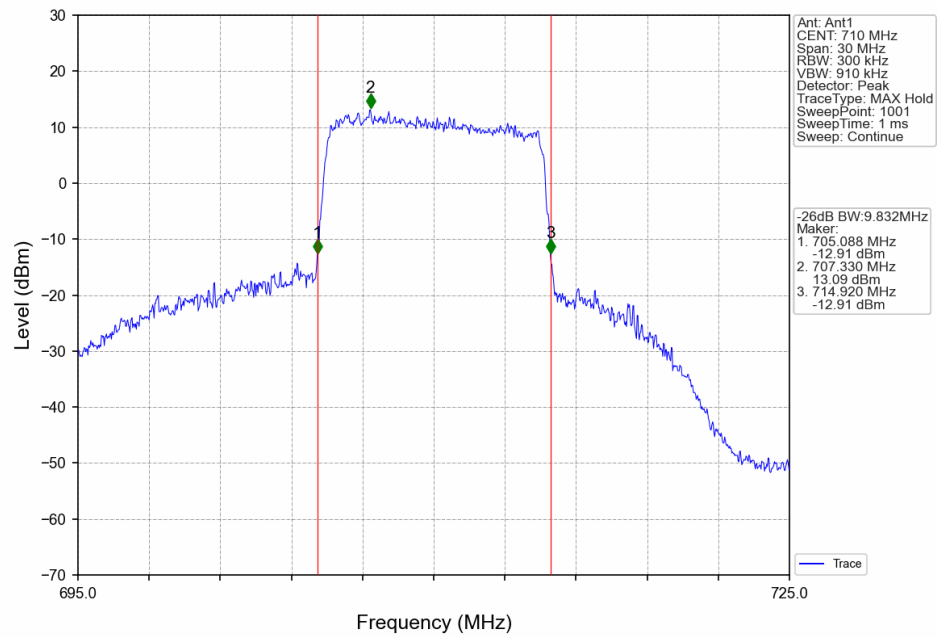
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



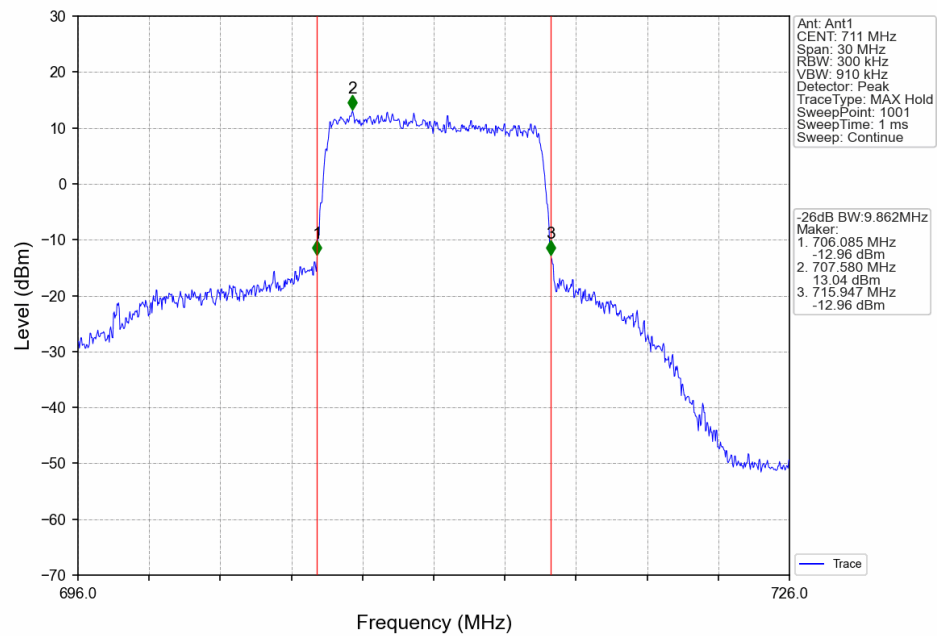
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B17_5MHz

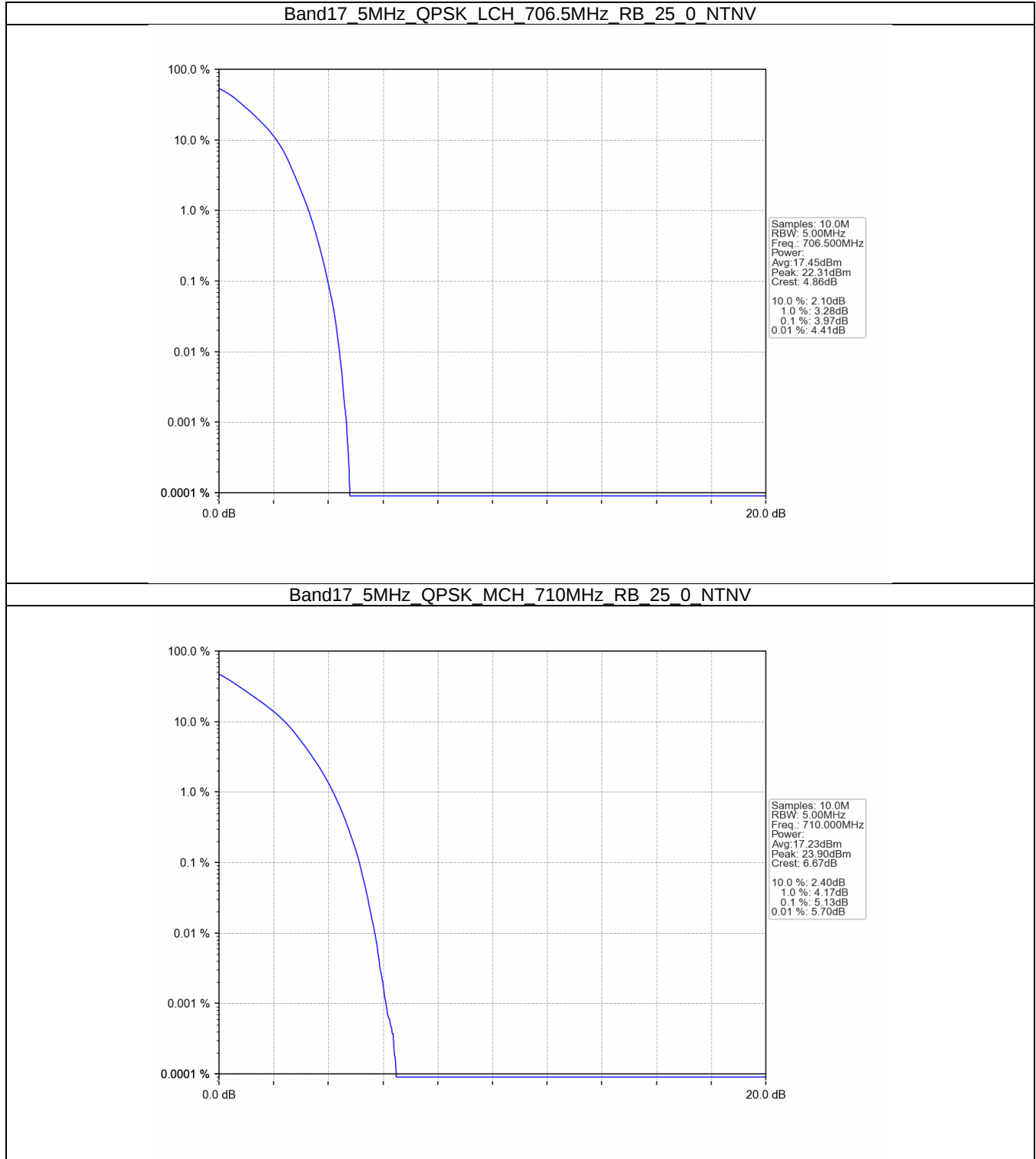
Band: 17 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	706.5	25	0	3.97	<=13	Pass
	710	25	0	5.13	<=13	Pass
	713.5	25	0	4.96	<=13	Pass
16QAM	706.5	25	0	4.76	<=13	Pass
	710	25	0	5.83	<=13	Pass
	713.5	25	0	5.75	<=13	Pass

5.1.2 B17_10MHz

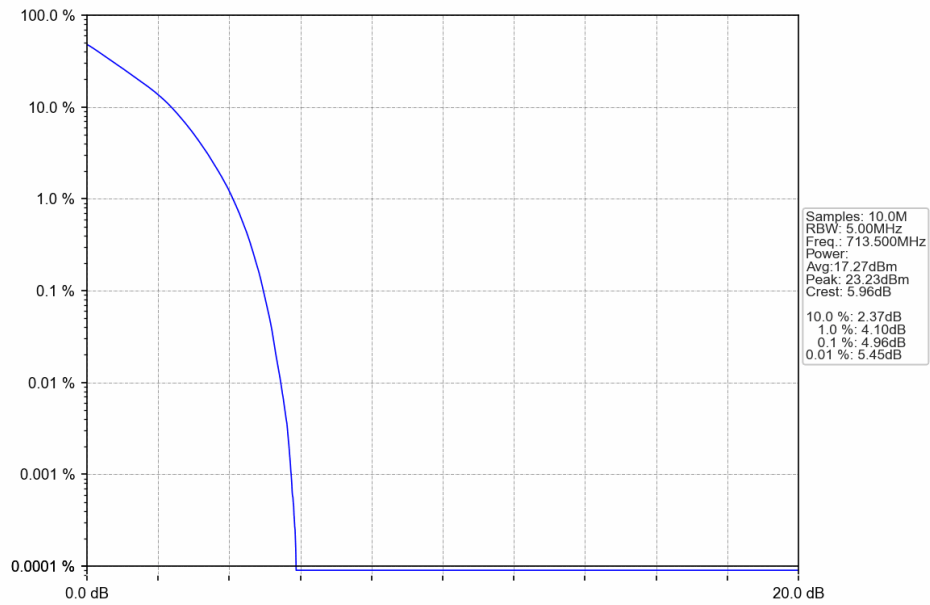
Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	709	50	0	4.87	<=13	Pass
	710	50	0	4.83	<=13	Pass
	711	50	0	4.73	<=13	Pass
16QAM	709	50	0	5.64	<=13	Pass
	710	50	0	5.66	<=13	Pass
	711	50	0	5.59	<=13	Pass

5.2 Test Graph

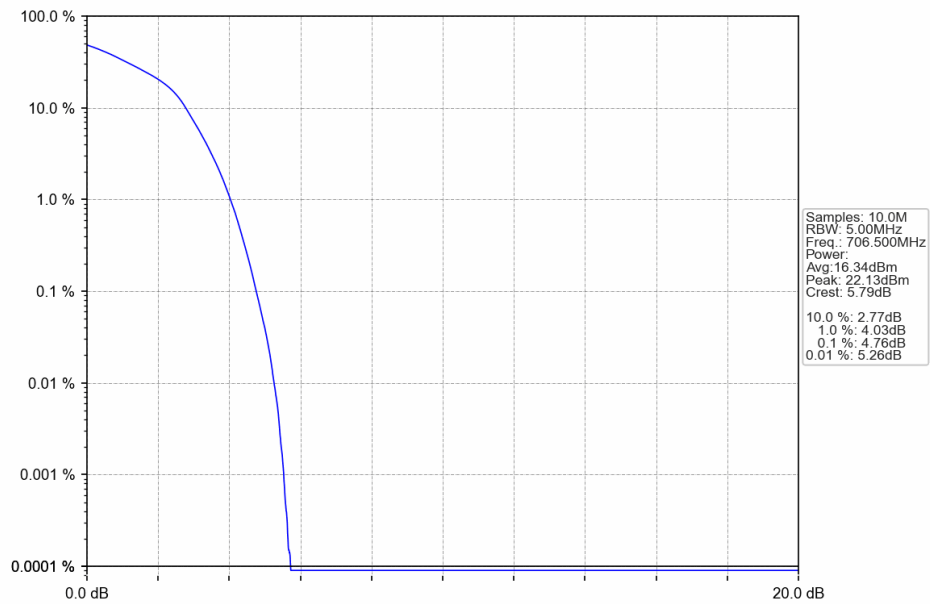
5.2.1 B17_5MHz



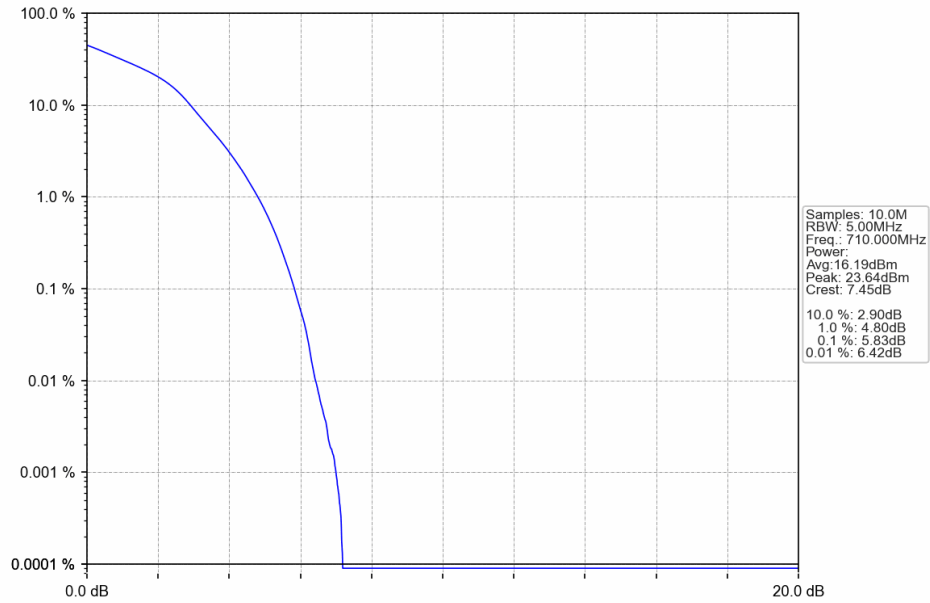
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



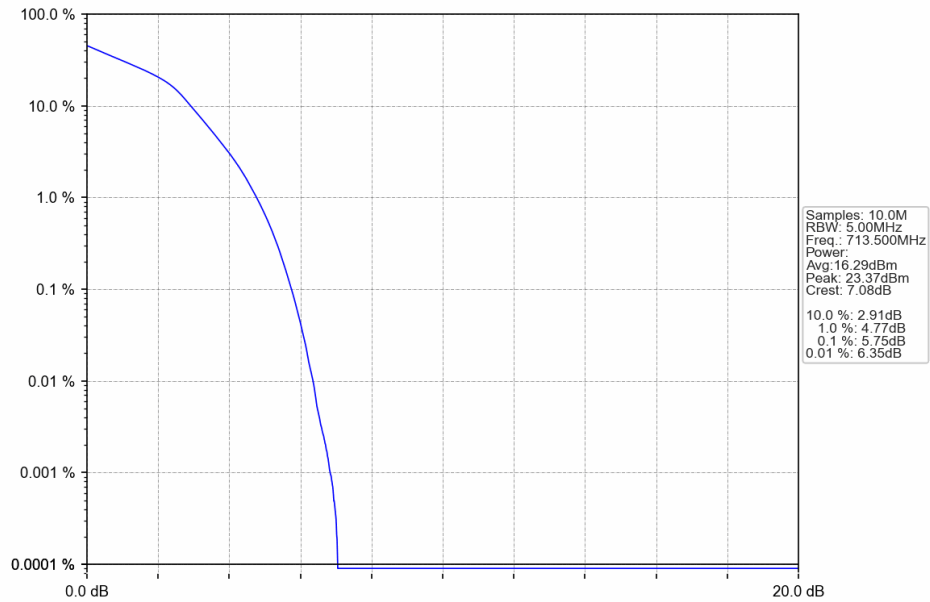
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



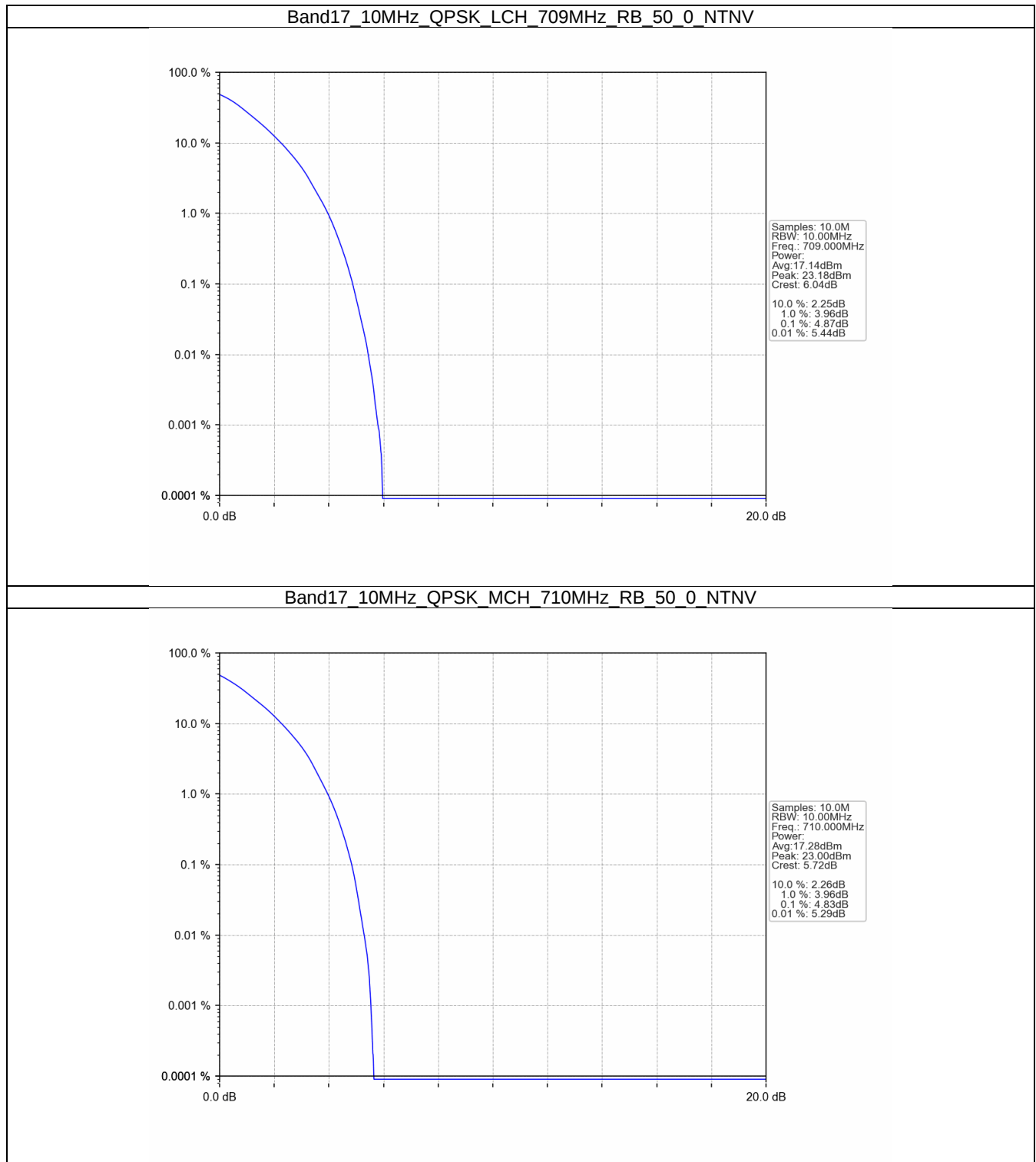
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



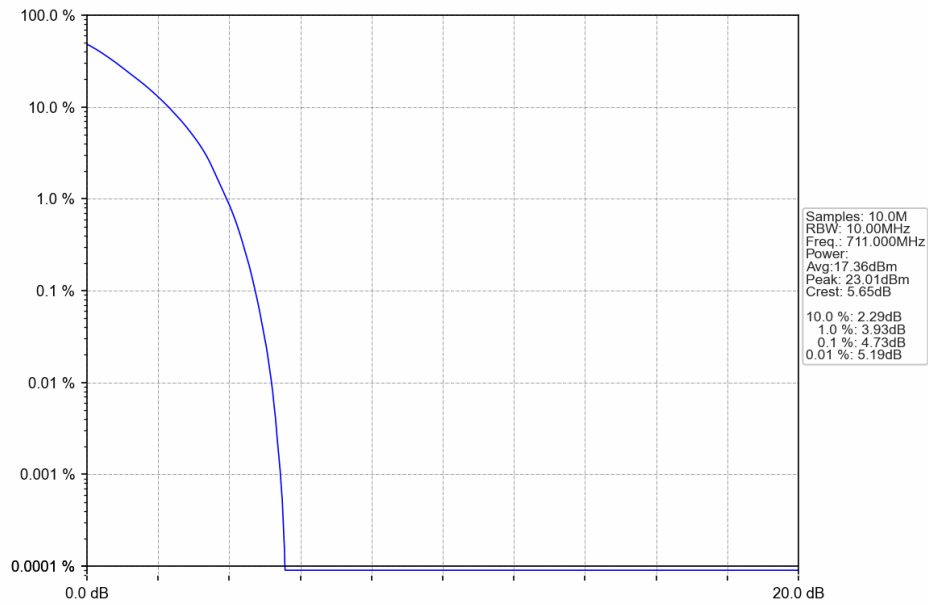
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



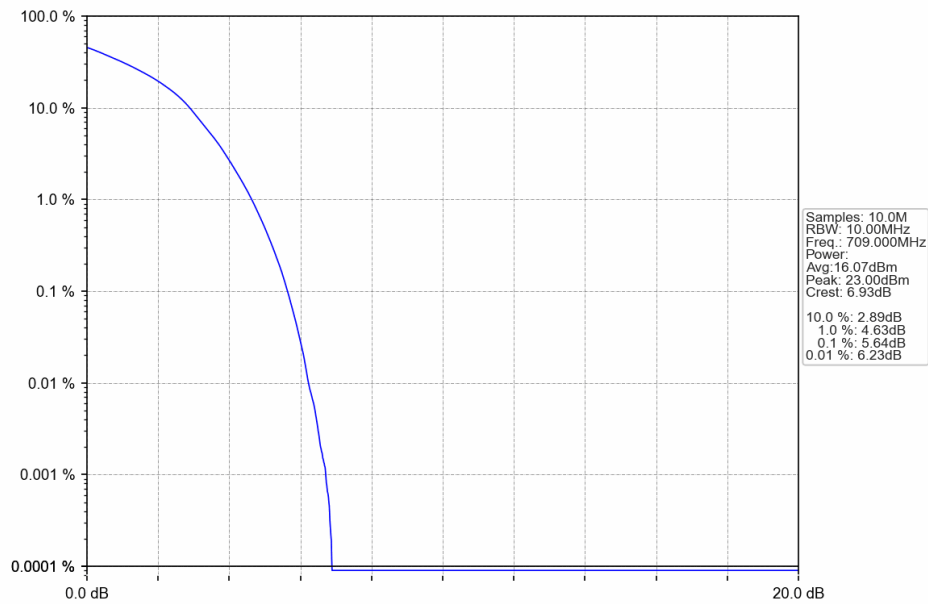
5.2.2 B17_10MHz



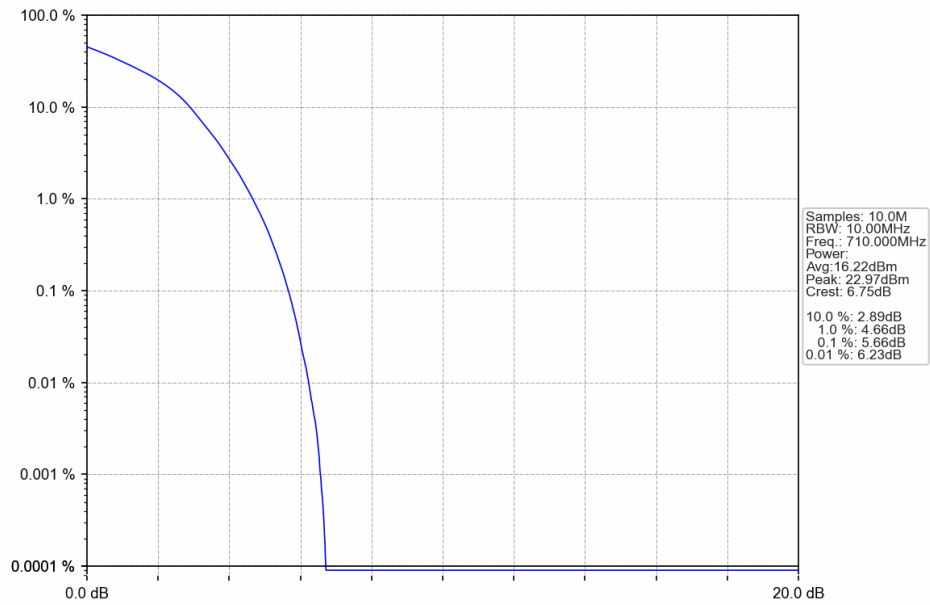
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



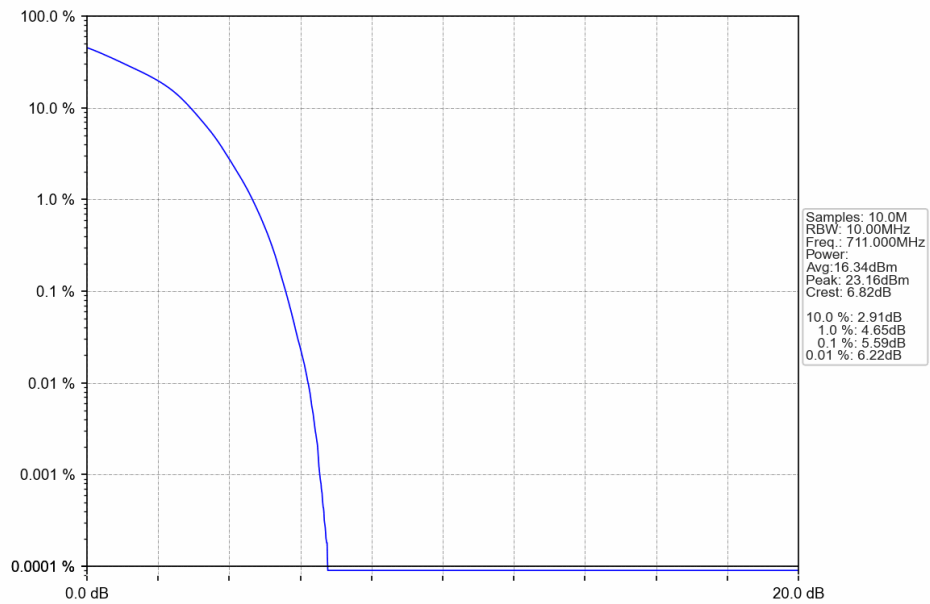
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 B17_5MHz

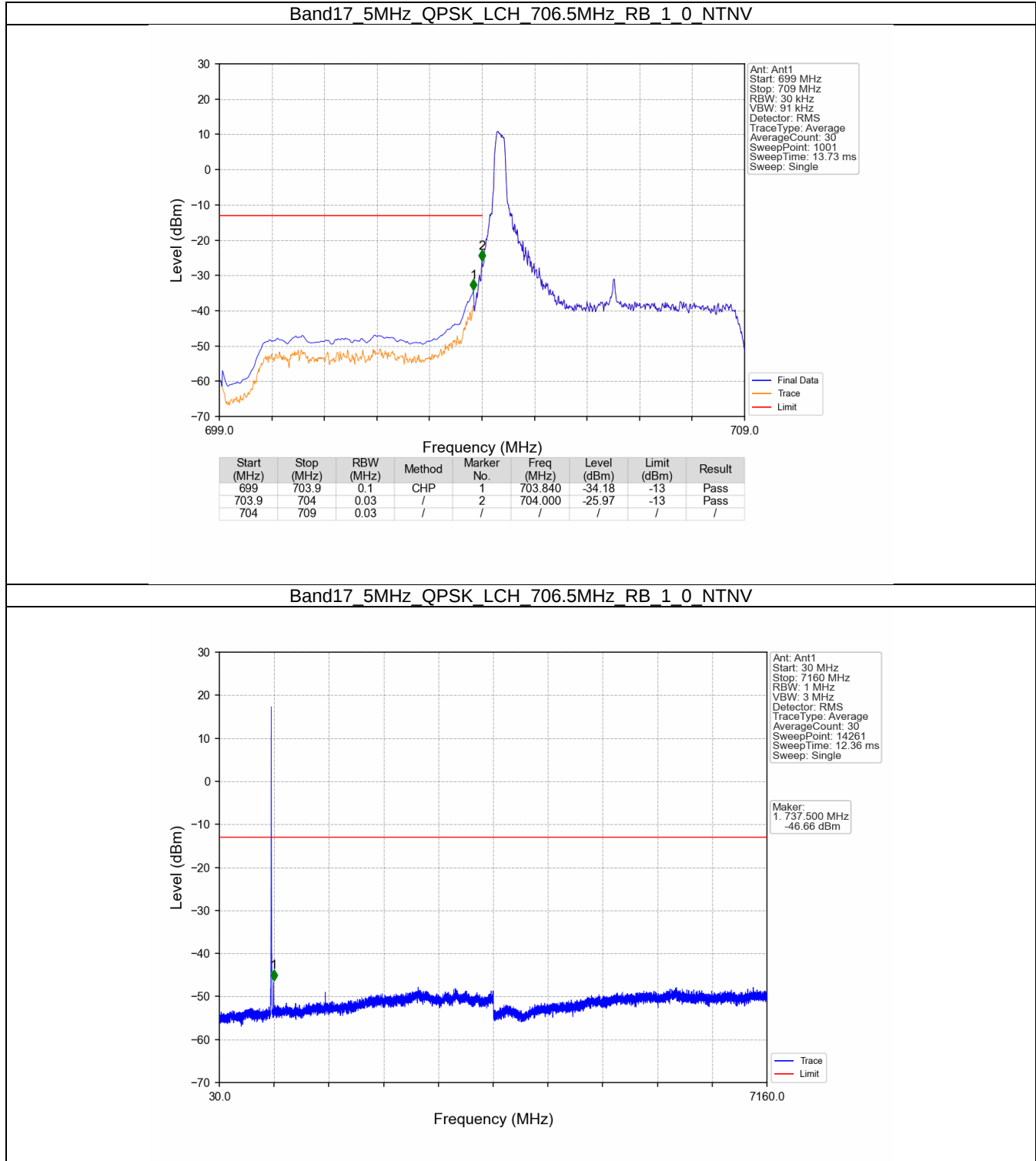
Band: 17 / Bandwidth: 5MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	706.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	710	1	0	Refer To Test Graph		Pass
	713.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	706.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	710	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

6.1.2 B17_10MHz

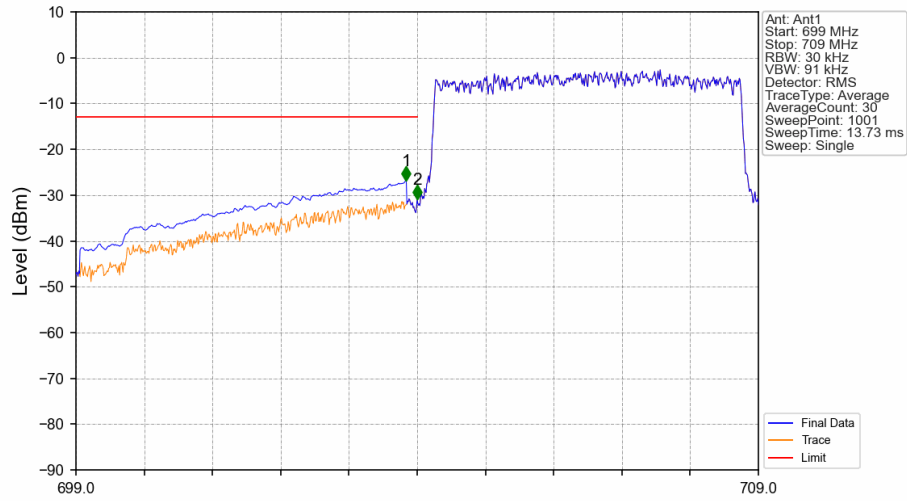
Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	709	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	710	1	0	Refer To Test Graph		Pass
	711	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	709	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	710	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 B17_5MHz

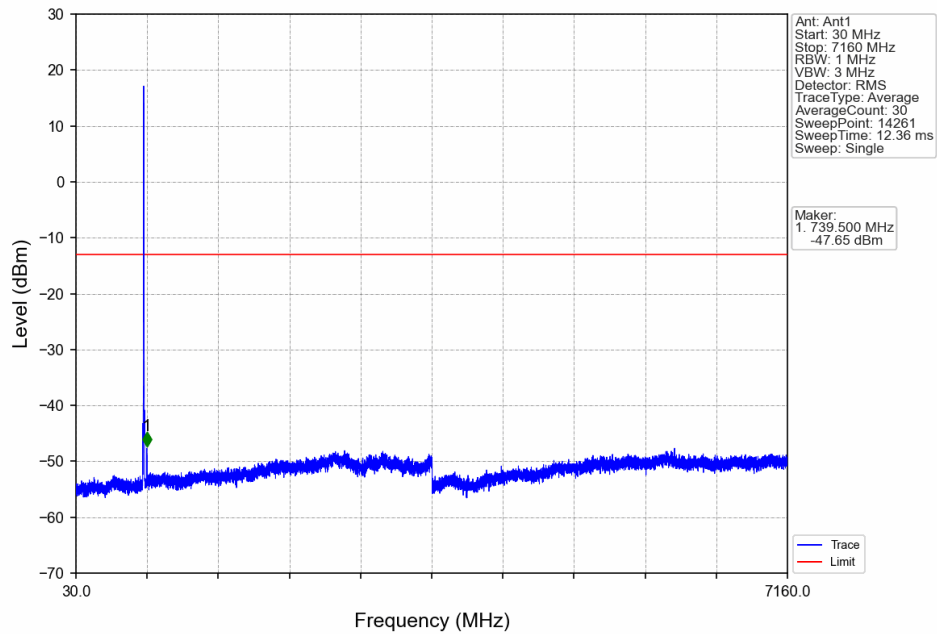


Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV

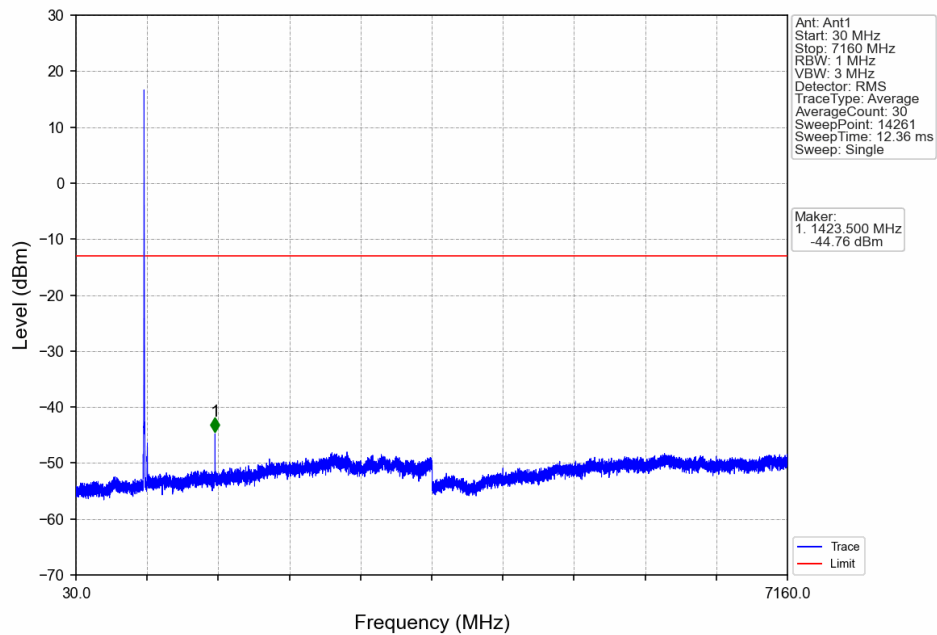


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-26.86	-13	Pass
703.9	704	0.03	/	2	704.000	-30.98	-13	Pass
704	709	0.03	/	/	/	/	/	/

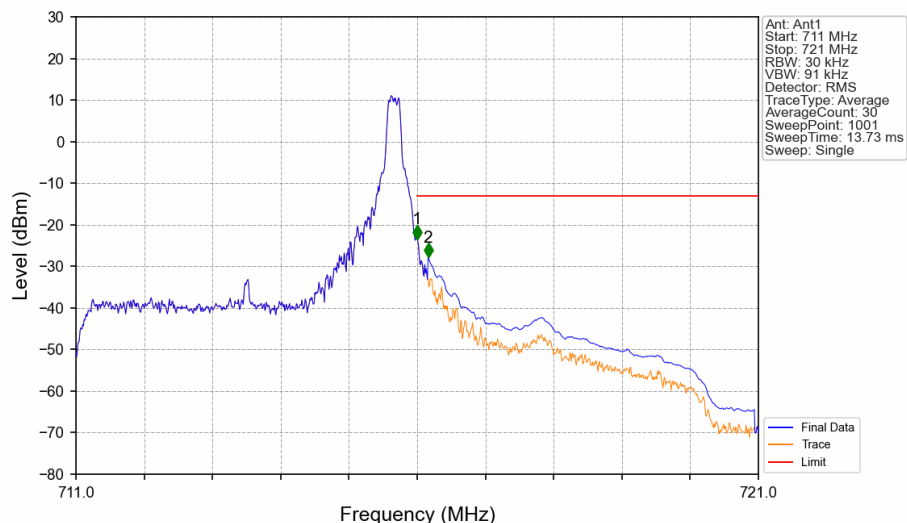
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV

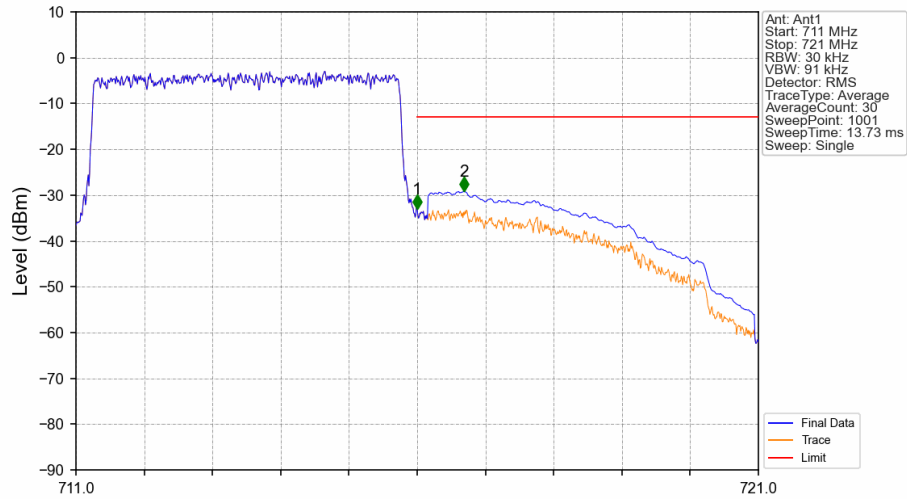


Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV



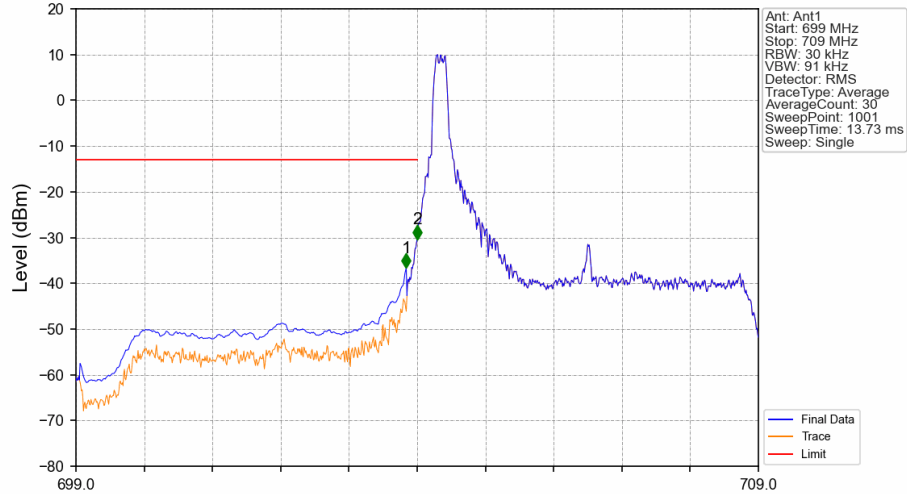
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	1	716.000	-23.46	-13	Pass
716.1	721	0.1	CHP	2	716.160	-27.80	-13	Pass

Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



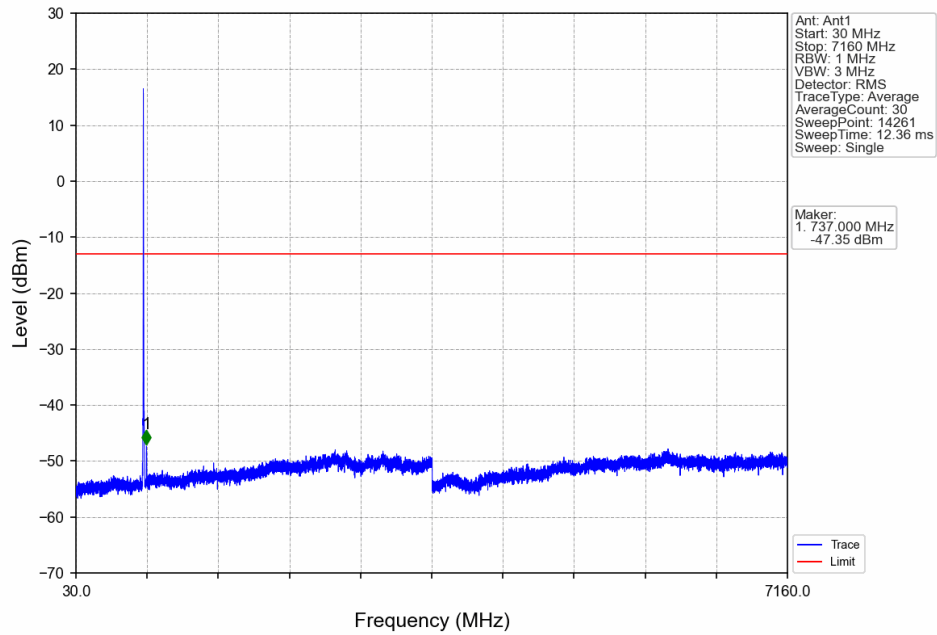
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-32.98	-13	Pass
716.1	721	0.1	CHP	2	716.690	-29.11	-13	Pass

Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV

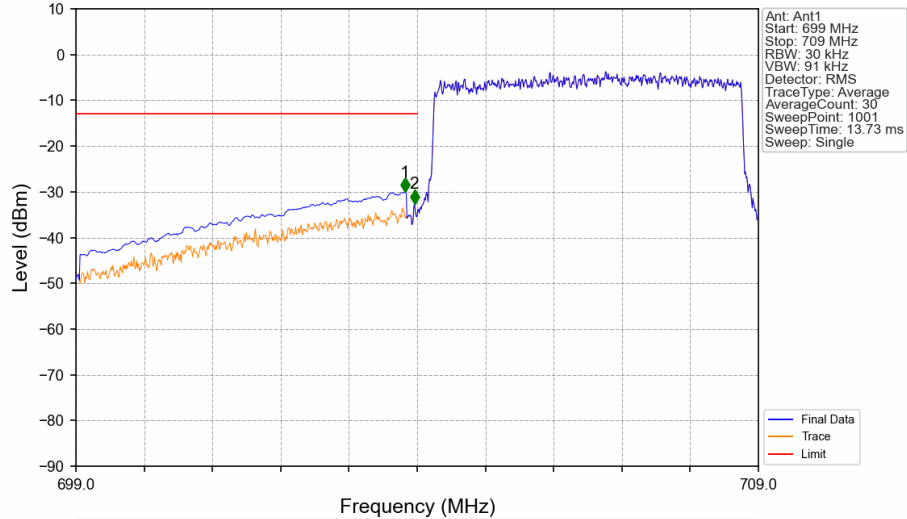


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-36.59	-13	Pass
703.9	704	0.03	/	2	704.000	-30.35	-13	Pass
704	709	0.03	/	/	/	/	/	/

Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV

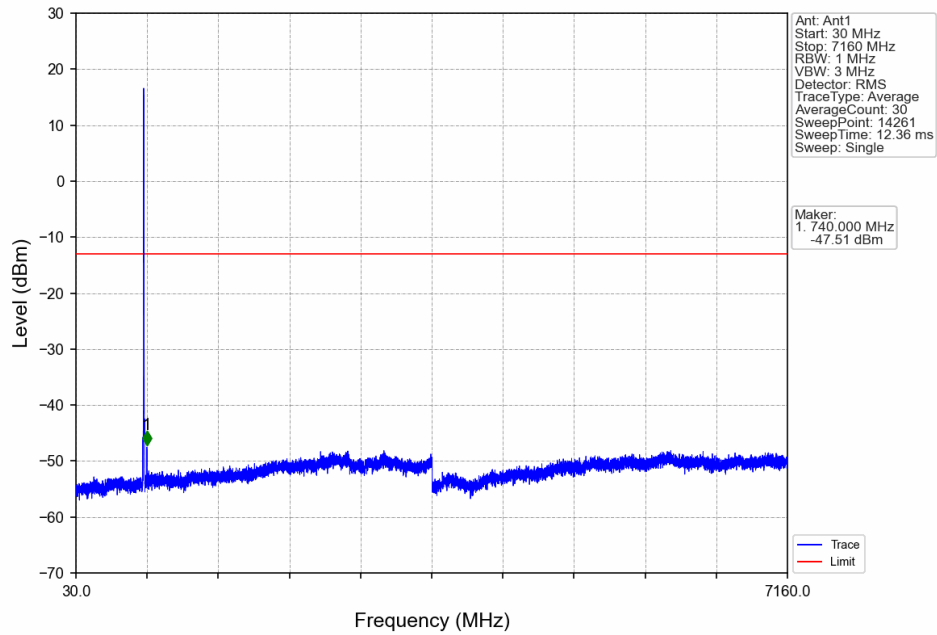


Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV

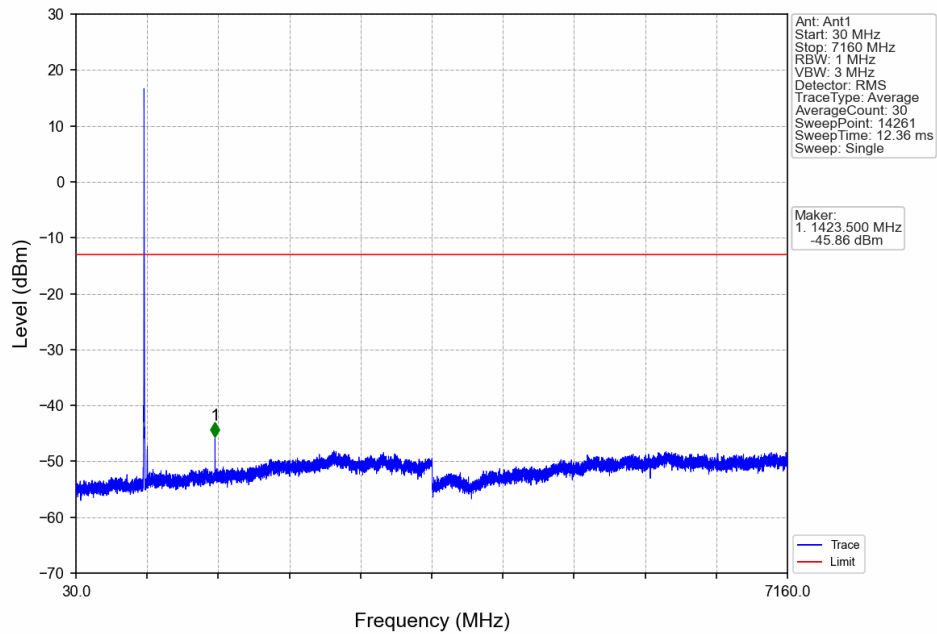


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.820	-30.01	-13	Pass
703.9	704	0.03	/	2	703.960	-32.62	-13	Pass
704	709	0.03	/	/	/	/	/	/

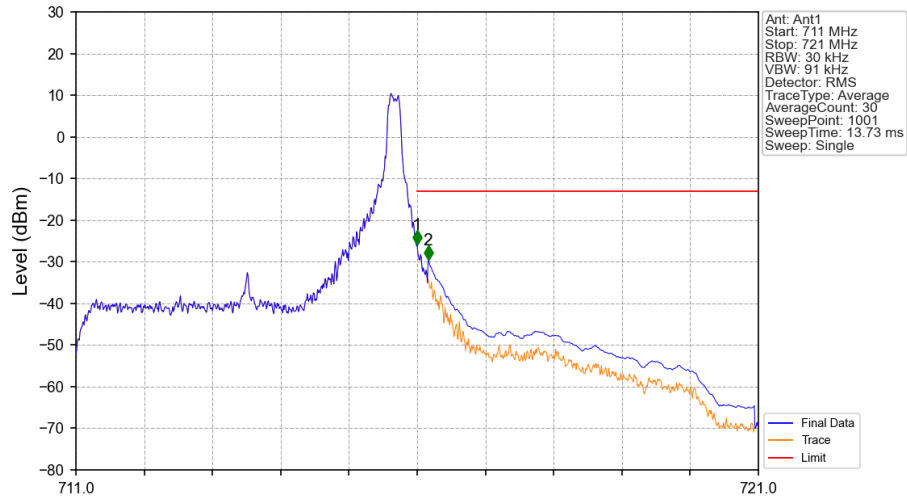
Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV

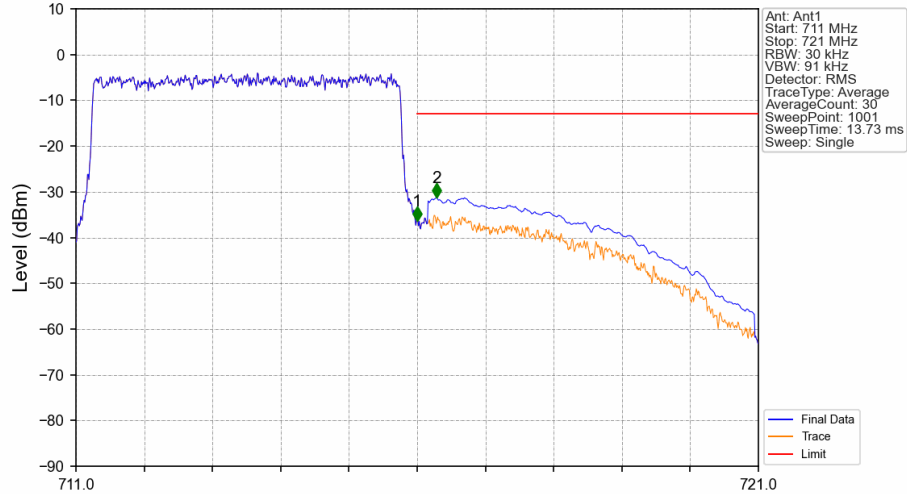


Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_24_NTNV



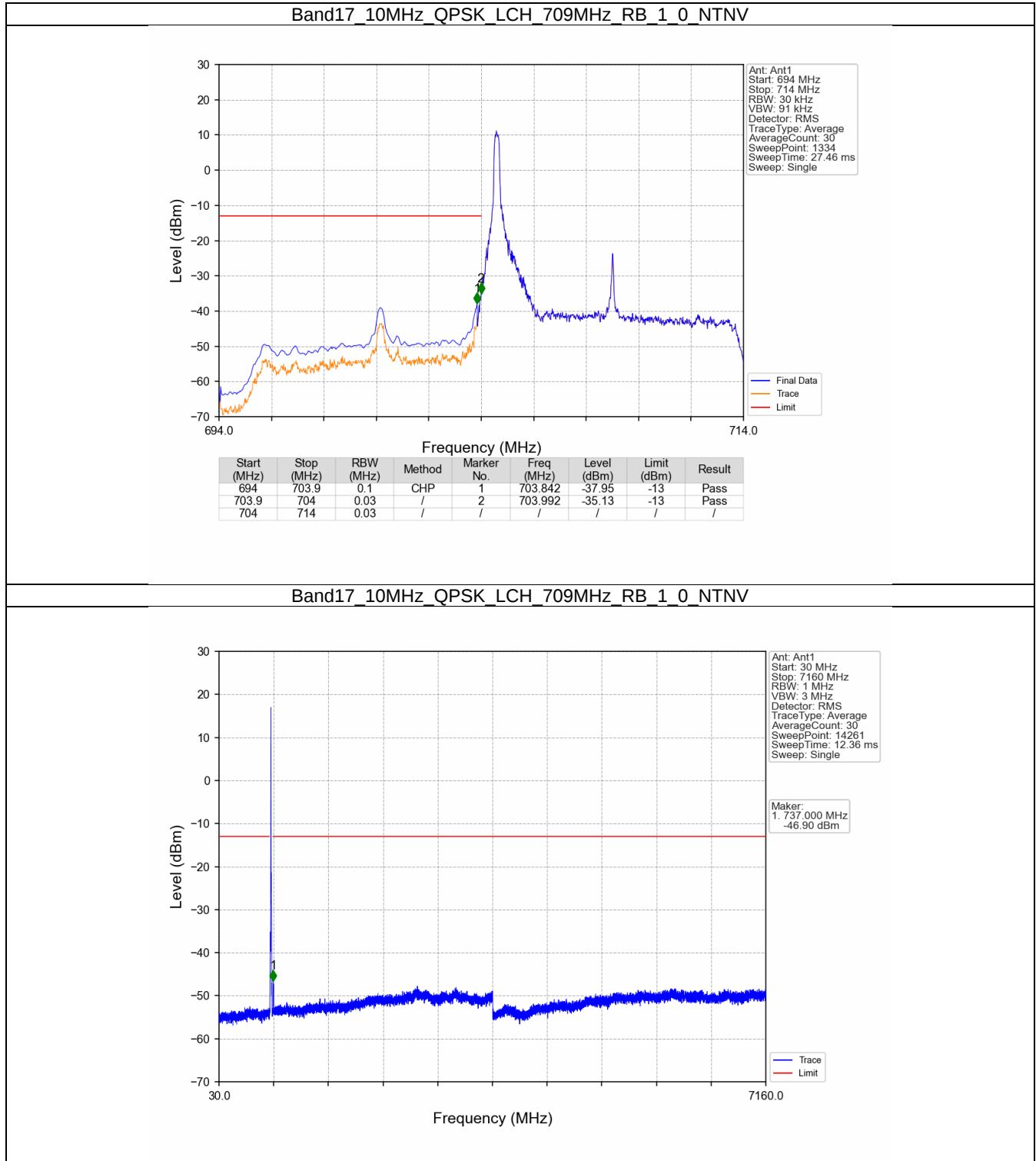
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-25.94	-13	Pass
716.1	721	0.1	CHP	2	716.160	-29.53	-13	Pass

Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV

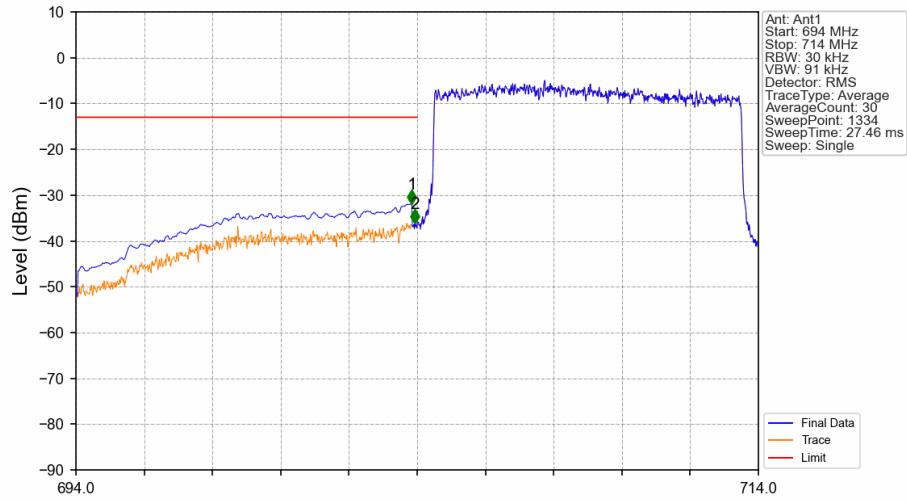


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-36.34	-13	Pass
716.1	721	0.1	CHP	2	716.280	-31.31	-13	Pass

6.2.2 B17_10MHz

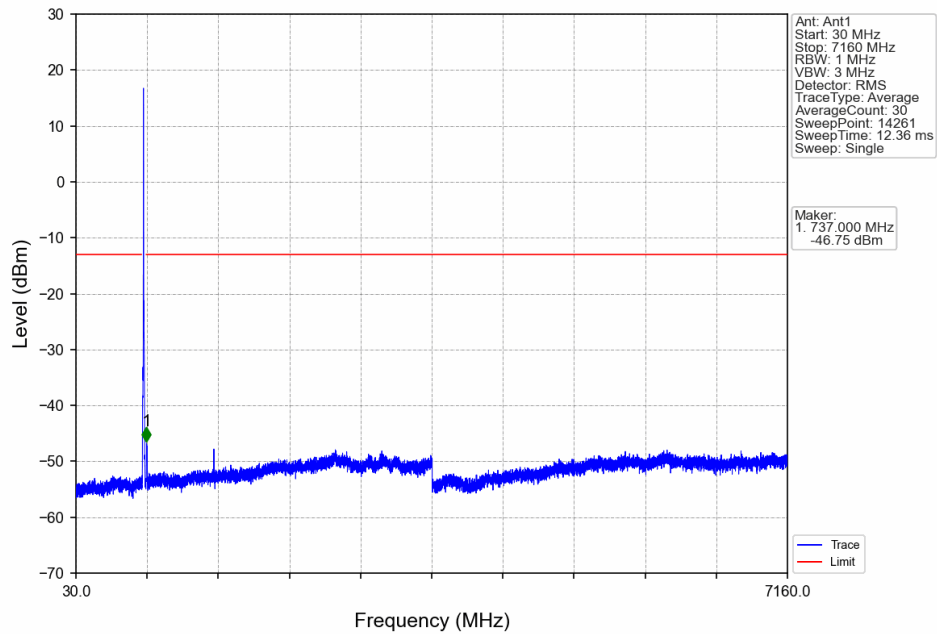


Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV

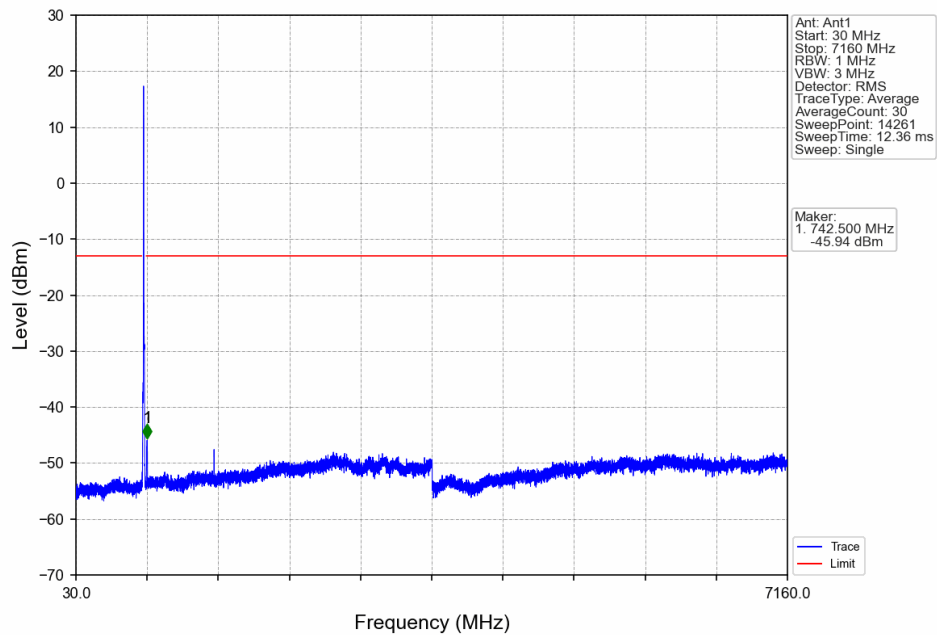


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-31.93	-13	Pass
703.9	704	0.03	/	2	703.932	-36.18	-13	Pass
704	714	0.03	/	/	/	/	/	/

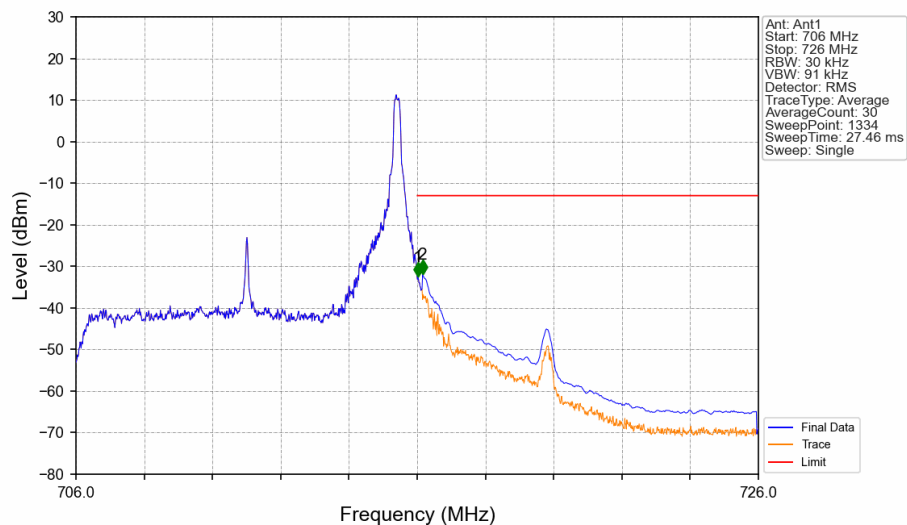
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV

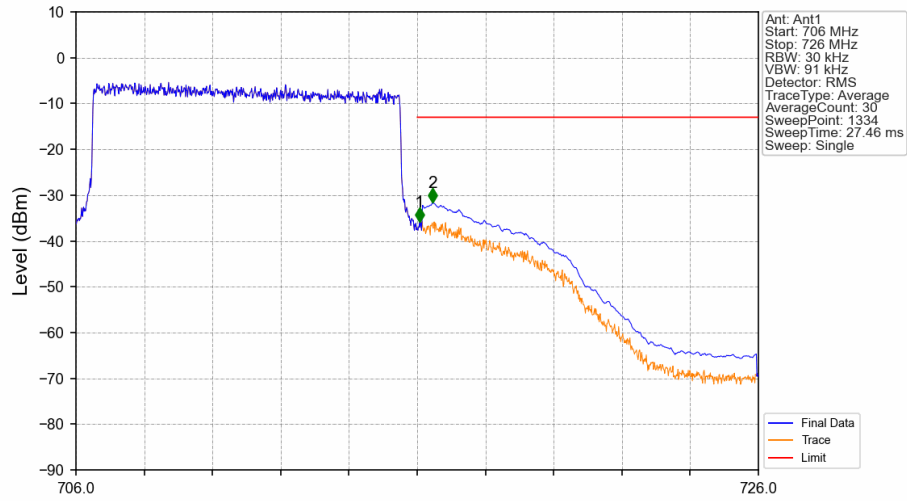


Band17_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV

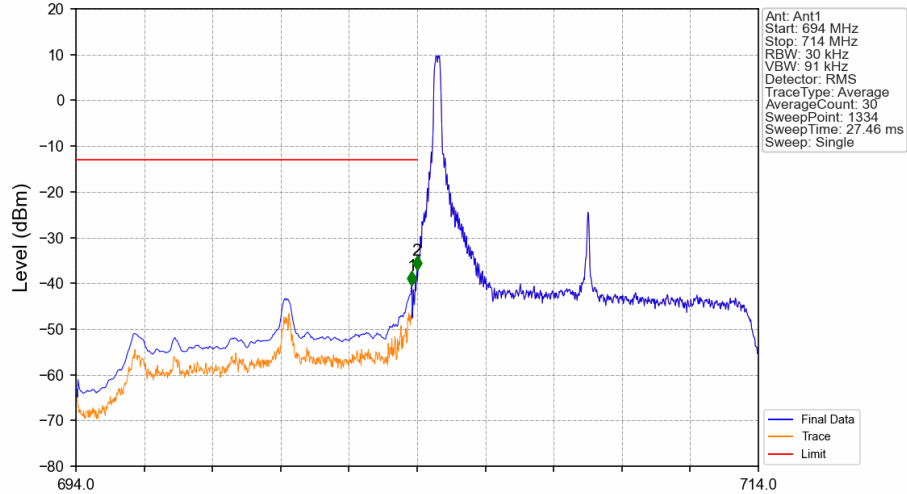


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	1	716.023	-32.41	-13	Pass
716	716.1	0.03	/	1	716.023	-32.41	-13	Pass
716.1	726	0.1	CHP	2	716.158	-31.91	-13	Pass

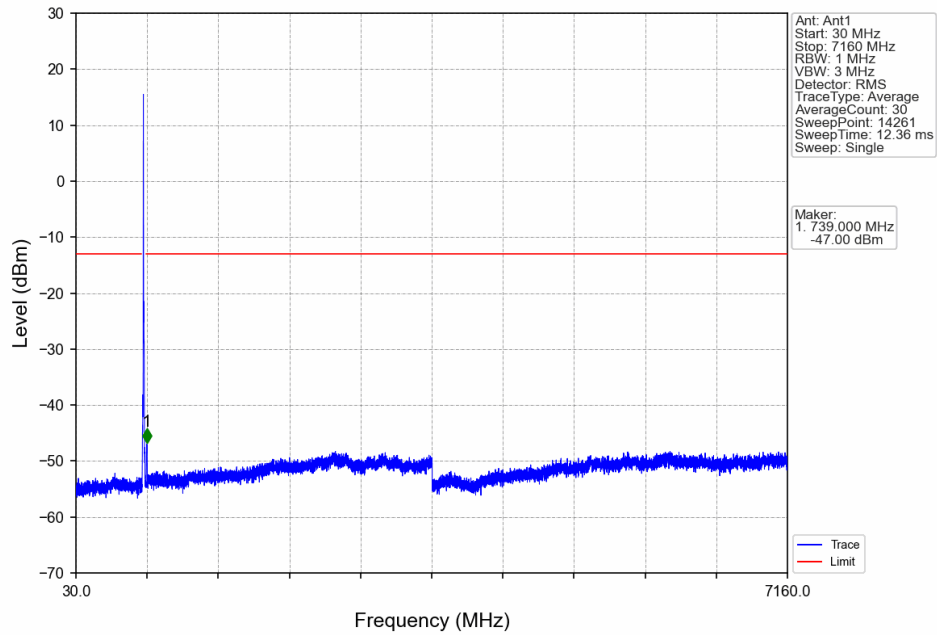
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



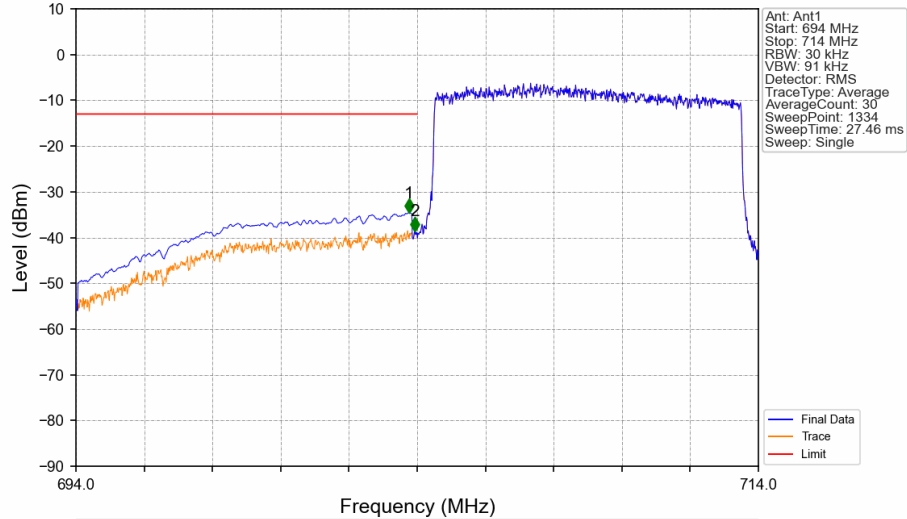
Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV



Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV

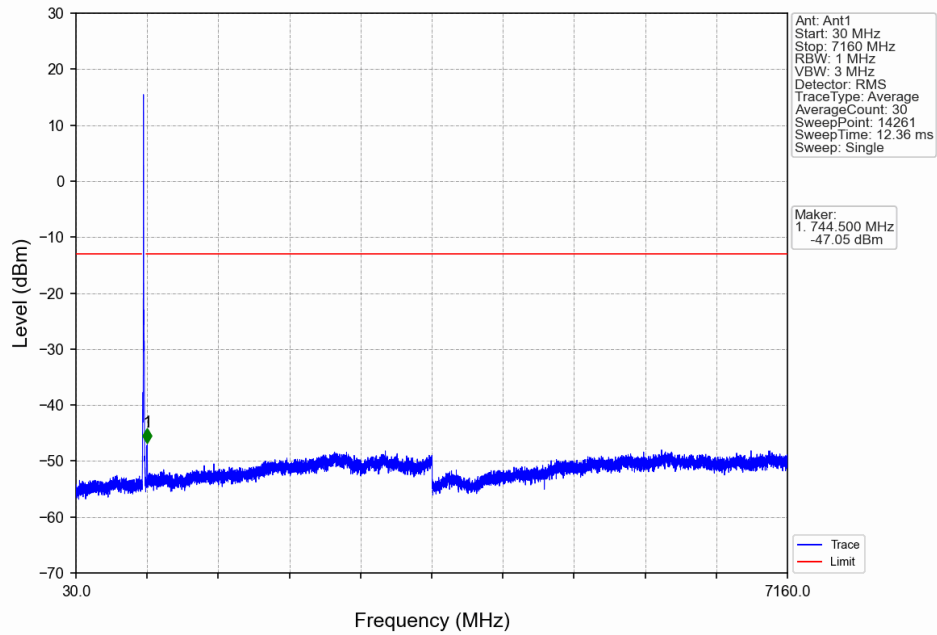


Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV

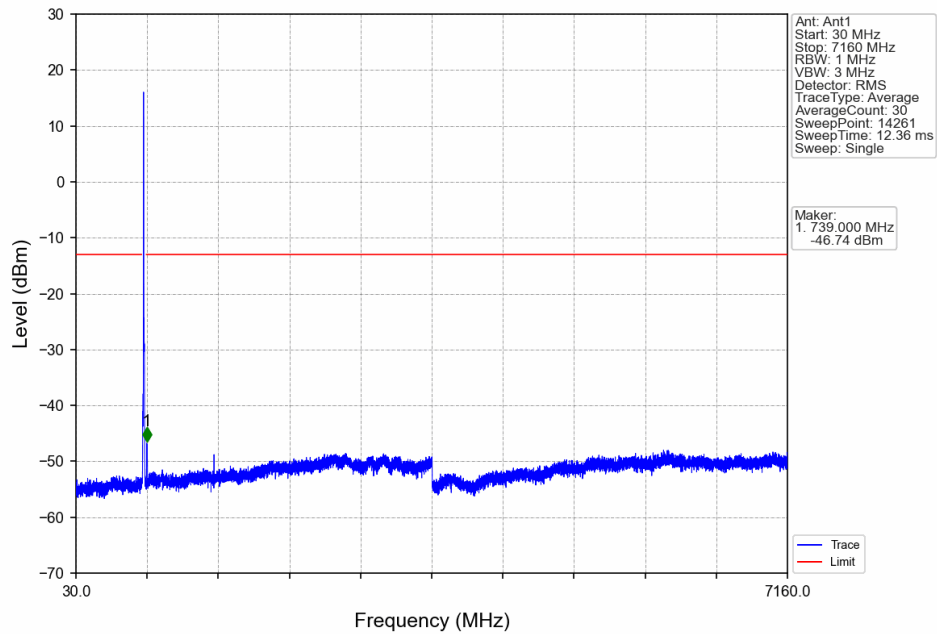


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.752	-34.59	-13	Pass
703.9	704	0.03	/	2	703.932	-38.61	-13	Pass
704	714	0.03	/	/	/	/	/	/

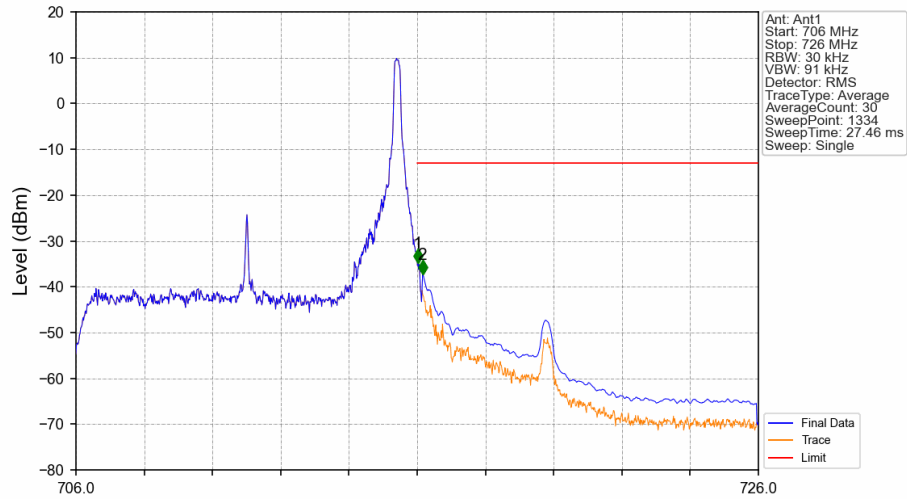
Band17_10MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV

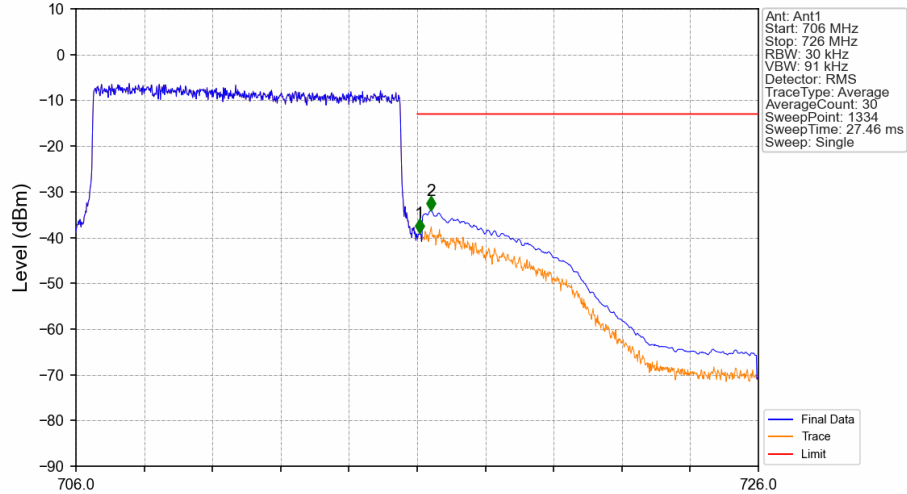


Band17_10MHz_16QAM_HCH_711MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	1	716.023	-34.87	-13	Pass
716.1	726	0.1	CHP	2	716.158	-37.37	-13	Pass

Band17_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	/	1	716.068	-39.11	-13	Pass
716.1	726	0.1	CHP	2	716.398	-34.13	-13	Pass

7. Form731

7.1 Test Result

7.1.1 Form731_Power

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
17	5	706.5	713.5	0.2612	0.0107	ppm	4M56G7D	27H	24.17
17	5	706.5	713.5	0.2070	0.0152	ppm	4M58W7D	27H	23.16
17	10	709	711	0.2472	0.0078	ppm	9M09G7D	27H	23.93
17	10	709	711	0.2037	0.0093	ppm	9M08W7D	27H	23.09

7.1.2 Form731_ERP

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
17	5	706.5	713.5	0.0016	0.0107	ppm	4M56G7D	27H	2.07
17	5	706.5	713.5	0.0013	0.0152	ppm	4M58W7D	27H	1.06
17	10	709	711	0.0015	0.0078	ppm	9M09G7D	27H	1.83
17	10	709	711	0.0013	0.0093	ppm	9M08W7D	27H	0.99