

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	24.01	-3.10	18.76	<=34.77	Pass
			13	24.32	-3.10	19.07	<=34.77	Pass
			24	24.19	-3.10	18.94	<=34.77	Pass
		12	0	22.87	-3.10	17.62	<=34.77	Pass
			6	23.08	-3.10	17.83	<=34.77	Pass
			13	22.99	-3.10	17.74	<=34.77	Pass
		25	0	22.93	-3.10	17.68	<=34.77	Pass
	710	1	0	24.31	-3.10	19.06	<=34.77	Pass
			13	24.27	-3.10	19.02	<=34.77	Pass
			24	23.96	-3.10	18.71	<=34.77	Pass
		12	0	22.82	-3.10	17.57	<=34.77	Pass
			6	23.05	-3.10	17.80	<=34.77	Pass
			13	22.73	-3.10	17.48	<=34.77	Pass
		25	0	22.68	-3.10	17.43	<=34.77	Pass
	713.5	1	0	23.72	-3.10	18.47	<=34.77	Pass
			13	23.94	-3.10	18.69	<=34.77	Pass
			24	23.98	-3.10	18.73	<=34.77	Pass
		12	0	22.81	-3.10	17.56	<=34.77	Pass
			6	22.84	-3.10	17.59	<=34.77	Pass
			13	22.78	-3.10	17.53	<=34.77	Pass
		25	0	22.79	-3.10	17.54	<=34.77	Pass
16QAM	706.5	1	0	23.05	-3.10	17.80	<=34.77	Pass
			13	23.25	-3.10	18.00	<=34.77	Pass
			24	23.16	-3.10	17.91	<=34.77	Pass
		12	0	21.83	-3.10	16.58	<=34.77	Pass
			6	21.99	-3.10	16.74	<=34.77	Pass
			13	21.87	-3.10	16.62	<=34.77	Pass
		25	0	21.89	-3.10	16.64	<=34.77	Pass
	710	1	0	22.84	-3.10	17.59	<=34.77	Pass
			13	23.03	-3.10	17.78	<=34.77	Pass
			24	22.99	-3.10	17.74	<=34.77	Pass
		12	0	21.67	-3.10	16.42	<=34.77	Pass
			6	21.79	-3.10	16.54	<=34.77	Pass
			13	21.73	-3.10	16.48	<=34.77	Pass
		25	0	21.69	-3.10	16.44	<=34.77	Pass
	713.5	1	0	22.61	-3.10	17.36	<=34.77	Pass
			13	22.67	-3.10	17.42	<=34.77	Pass
			24	22.65	-3.10	17.40	<=34.77	Pass
		12	0	21.83	-3.10	16.58	<=34.77	Pass
			6	21.83	-3.10	16.58	<=34.77	Pass
			13	21.65	-3.10	16.40	<=34.77	Pass
		25	0	21.80	-3.10	16.55	<=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	23.90	-3.1	18.65	<=34.77	Pass
			25	23.90	-3.1	18.65	<=34.77	Pass
			49	23.94	-3.1	18.69	<=34.77	Pass
		25	0	22.59	-3.1	17.34	<=34.77	Pass
			13	22.75	-3.1	17.50	<=34.77	Pass
			25	22.62	-3.1	17.37	<=34.77	Pass
		50	0	22.69	-3.1	17.44	<=34.77	Pass
	710	1	0	24.02	-3.1	18.77	<=34.77	Pass
			25	23.89	-3.1	18.64	<=34.77	Pass
			49	24.10	-3.1	18.85	<=34.77	Pass
		25	0	22.71	-3.1	17.46	<=34.77	Pass
			13	22.80	-3.1	17.55	<=34.77	Pass
			25	22.72	-3.1	17.47	<=34.77	Pass
		50	0	22.78	-3.1	17.53	<=34.77	Pass
	711	1	0	23.98	-3.1	18.73	<=34.77	Pass
			25	23.87	-3.1	18.62	<=34.77	Pass
			49	24.07	-3.1	18.82	<=34.77	Pass
		25	0	22.90	-3.1	17.65	<=34.77	Pass
			13	22.88	-3.1	17.63	<=34.77	Pass
			25	22.85	-3.1	17.60	<=34.77	Pass
		50	0	22.89	-3.1	17.64	<=34.77	Pass
16QAM	709	1	0	23.07	-3.1	17.82	<=34.77	Pass
			25	23.21	-3.1	17.96	<=34.77	Pass
			49	23.28	-3.1	18.03	<=34.77	Pass
		25	0	21.58	-3.1	16.33	<=34.77	Pass
			13	21.78	-3.1	16.53	<=34.77	Pass
			25	21.74	-3.1	16.49	<=34.77	Pass
		50	0	21.61	-3.1	16.36	<=34.77	Pass
	710	1	0	22.68	-3.1	17.43	<=34.77	Pass
			25	22.85	-3.1	17.60	<=34.77	Pass
			49	22.80	-3.1	17.55	<=34.77	Pass
		25	0	21.71	-3.1	16.46	<=34.77	Pass
			13	21.86	-3.1	16.61	<=34.77	Pass
			25	21.87	-3.1	16.62	<=34.77	Pass
		50	0	21.80	-3.1	16.55	<=34.77	Pass
	711	1	0	22.80	-3.1	17.55	<=34.77	Pass
			25	23.06	-3.1	17.81	<=34.77	Pass
			49	22.95	-3.1	17.70	<=34.77	Pass
		25	0	21.87	-3.1	16.62	<=34.77	Pass
			13	21.92	-3.1	16.67	<=34.77	Pass
			25	21.83	-3.1	16.58	<=34.77	Pass
		50	0	21.84	-3.1	16.59	<=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	-5.550	-0.0079	-2.5 to 2.5	Pass
					3.85	-2.847	-0.0040	-2.5 to 2.5	Pass
					4.43	-4.063	-0.0058	-2.5 to 2.5	Pass
				-30	3.85	-2.818	-0.0040	-2.5 to 2.5	Pass
				-20	3.85	2.146	0.0030	-2.5 to 2.5	Pass
				-10	3.85	-2.646	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-3.991	-0.0056	-2.5 to 2.5	Pass
				10	3.85	-7.124	-0.0101	-2.5 to 2.5	Pass
				30	3.85	-0.143	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-4.992	-0.0071	-2.5 to 2.5	Pass
				50	3.85	-4.506	-0.0064	-2.5 to 2.5	Pass
	710	25	0	20	3.27	-4.578	-0.0064	-2.5 to 2.5	Pass
					3.85	-1.545	-0.0022	-2.5 to 2.5	Pass
					4.43	-5.622	-0.0079	-2.5 to 2.5	Pass
				-30	3.85	-4.764	-0.0067	-2.5 to 2.5	Pass
				-20	3.85	0.787	0.0011	-2.5 to 2.5	Pass
				-10	3.85	2.675	0.0038	-2.5 to 2.5	Pass
				0	3.85	-2.503	-0.0035	-2.5 to 2.5	Pass
				10	3.85	-7.811	-0.0110	-2.5 to 2.5	Pass
				30	3.85	-4.206	-0.0059	-2.5 to 2.5	Pass
				40	3.85	-2.174	-0.0031	-2.5 to 2.5	Pass
				50	3.85	1.445	0.0020	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-5.608	-0.0079	-2.5 to 2.5	Pass
					3.85	-2.618	-0.0037	-2.5 to 2.5	Pass
					4.43	-1.431	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-6.051	-0.0085	-2.5 to 2.5	Pass
				-20	3.85	-6.595	-0.0092	-2.5 to 2.5	Pass
				-10	3.85	-7.339	-0.0103	-2.5 to 2.5	Pass
				0	3.85	-3.705	-0.0052	-2.5 to 2.5	Pass
				10	3.85	-2.661	-0.0037	-2.5 to 2.5	Pass
				30	3.85	-3.691	-0.0052	-2.5 to 2.5	Pass
				40	3.85	-1.259	-0.0018	-2.5 to 2.5	Pass
16QAM	706.5	25	0	20	3.27	1.130	0.0016	-2.5 to 2.5	Pass
					3.85	3.161	0.0045	-2.5 to 2.5	Pass
					4.43	-5.851	-0.0083	-2.5 to 2.5	Pass
				-30	3.85	-7.911	-0.0112	-2.5 to 2.5	Pass
				-20	3.85	-2.217	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-5.951	-0.0084	-2.5 to 2.5	Pass
				0	3.85	-2.818	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-7.625	-0.0108	-2.5 to 2.5	Pass
				30	3.85	-2.618	-0.0037	-2.5 to 2.5	Pass
				40	3.85	-1.287	-0.0018	-2.5 to 2.5	Pass
				50	3.85	0.958	0.0014	-2.5 to 2.5	Pass
	710	25	0	20	3.27	-0.272	-0.0004	-2.5 to 2.5	Pass
					3.85	-3.548	-0.0050	-2.5 to 2.5	Pass

					4.43	0.858	0.0012	-2.5 to 2.5	Pass
				-30	3.85	-1.631	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-5.908	-0.0083	-2.5 to 2.5	Pass
				-10	3.85	-1.202	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-4.992	-0.0070	-2.5 to 2.5	Pass
				10	3.85	-5.150	-0.0073	-2.5 to 2.5	Pass
				30	3.85	0.687	0.0010	-2.5 to 2.5	Pass
				40	3.85	-4.849	-0.0068	-2.5 to 2.5	Pass
				50	3.85	-2.060	-0.0029	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-2.818	-0.0039	-2.5 to 2.5	Pass
					3.85	0.730	0.0010	-2.5 to 2.5	Pass
					4.43	-0.629	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-1.602	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-7.138	-0.0100	-2.5 to 2.5	Pass
				-10	3.85	-4.163	-0.0058	-2.5 to 2.5	Pass
				0	3.85	-4.249	-0.0060	-2.5 to 2.5	Pass
				10	3.85	-2.260	-0.0032	-2.5 to 2.5	Pass
				30	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				40	3.85	-2.675	-0.0037	-2.5 to 2.5	Pass
				50	3.85	-3.033	-0.0043	-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	-4.478	-0.0063	-2.5 to 2.5	Pass
					3.85	-1.316	-0.0019	-2.5 to 2.5	Pass
					4.43	-2.489	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	-6.523	-0.0092	-2.5 to 2.5	Pass
				-20	3.85	-2.389	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-5.465	-0.0077	-2.5 to 2.5	Pass
				0	3.85	0.515	0.0007	-2.5 to 2.5	Pass
				10	3.85	-4.492	-0.0063	-2.5 to 2.5	Pass
				30	3.85	-1.574	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-0.715	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-6.666	-0.0094	-2.5 to 2.5	Pass
	710	50	0	20	3.27	-3.176	-0.0045	-2.5 to 2.5	Pass
					3.85	-0.858	-0.0012	-2.5 to 2.5	Pass
					4.43	-7.010	-0.0099	-2.5 to 2.5	Pass
				-30	3.85	-2.990	-0.0042	-2.5 to 2.5	Pass
				-20	3.85	-3.319	-0.0047	-2.5 to 2.5	Pass
				-10	3.85	-2.975	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-1.273	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-6.452	-0.0091	-2.5 to 2.5	Pass
				30	3.85	-2.832	-0.0040	-2.5 to 2.5	Pass
				40	3.85	-5.178	-0.0073	-2.5 to 2.5	Pass
				50	3.85	-4.091	-0.0058	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-3.748	-0.0053	-2.5 to 2.5	Pass
					3.85	-2.489	-0.0035	-2.5 to 2.5	Pass
					4.43	1.130	0.0016	-2.5 to 2.5	Pass
				-30	3.85	-0.057	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	-0.229	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-2.689	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-1.659	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-3.247	-0.0046	-2.5 to 2.5	Pass
				30	3.85	-3.691	-0.0052	-2.5 to 2.5	Pass
				40	3.85	-1.273	-0.0018	-2.5 to 2.5	Pass

16QAM	709	50	0	50	3.85	-0.973	-0.0014	-2.5 to 2.5	Pass
				20	3.27	-1.245	-0.0018	-2.5 to 2.5	Pass
					3.85	-3.448	-0.0049	-2.5 to 2.5	Pass
					4.43	-3.147	-0.0044	-2.5 to 2.5	Pass
				-30	3.85	-1.473	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-3.405	-0.0048	-2.5 to 2.5	Pass
				-10	3.85	-2.661	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-5.078	-0.0072	-2.5 to 2.5	Pass
				10	3.85	-2.918	-0.0041	-2.5 to 2.5	Pass
				30	3.85	-1.945	-0.0027	-2.5 to 2.5	Pass
	710	50	0	40	3.85	-4.520	-0.0064	-2.5 to 2.5	Pass
				50	3.85	-2.160	-0.0030	-2.5 to 2.5	Pass
				20	3.27	-4.578	-0.0064	-2.5 to 2.5	Pass
					3.85	-2.804	-0.0039	-2.5 to 2.5	Pass
					4.43	-2.961	-0.0042	-2.5 to 2.5	Pass
				-30	3.85	0.601	0.0008	-2.5 to 2.5	Pass
				-20	3.85	-4.635	-0.0065	-2.5 to 2.5	Pass
				-10	3.85	-3.805	-0.0054	-2.5 to 2.5	Pass
				0	3.85	-3.591	-0.0051	-2.5 to 2.5	Pass
				10	3.85	-0.429	-0.0006	-2.5 to 2.5	Pass
	711	50	0	30	3.85	-6.166	-0.0087	-2.5 to 2.5	Pass
				40	3.85	0.072	0.0001	-2.5 to 2.5	Pass
				50	3.85	-2.174	-0.0031	-2.5 to 2.5	Pass
				20	3.27	0.644	0.0009	-2.5 to 2.5	Pass
					3.85	-1.760	-0.0025	-2.5 to 2.5	Pass
					4.43	-1.187	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-3.033	-0.0043	-2.5 to 2.5	Pass
				-20	3.85	0.787	0.0011	-2.5 to 2.5	Pass
				-10	3.85	-1.845	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-4.063	-0.0057	-2.5 to 2.5	Pass
				10	3.85	-0.429	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-0.715	-0.0010	-2.5 to 2.5	Pass
				40	3.85	1.488	0.0021	-2.5 to 2.5	Pass
				50	3.85	-1.516	-0.0021	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B17_5MHz

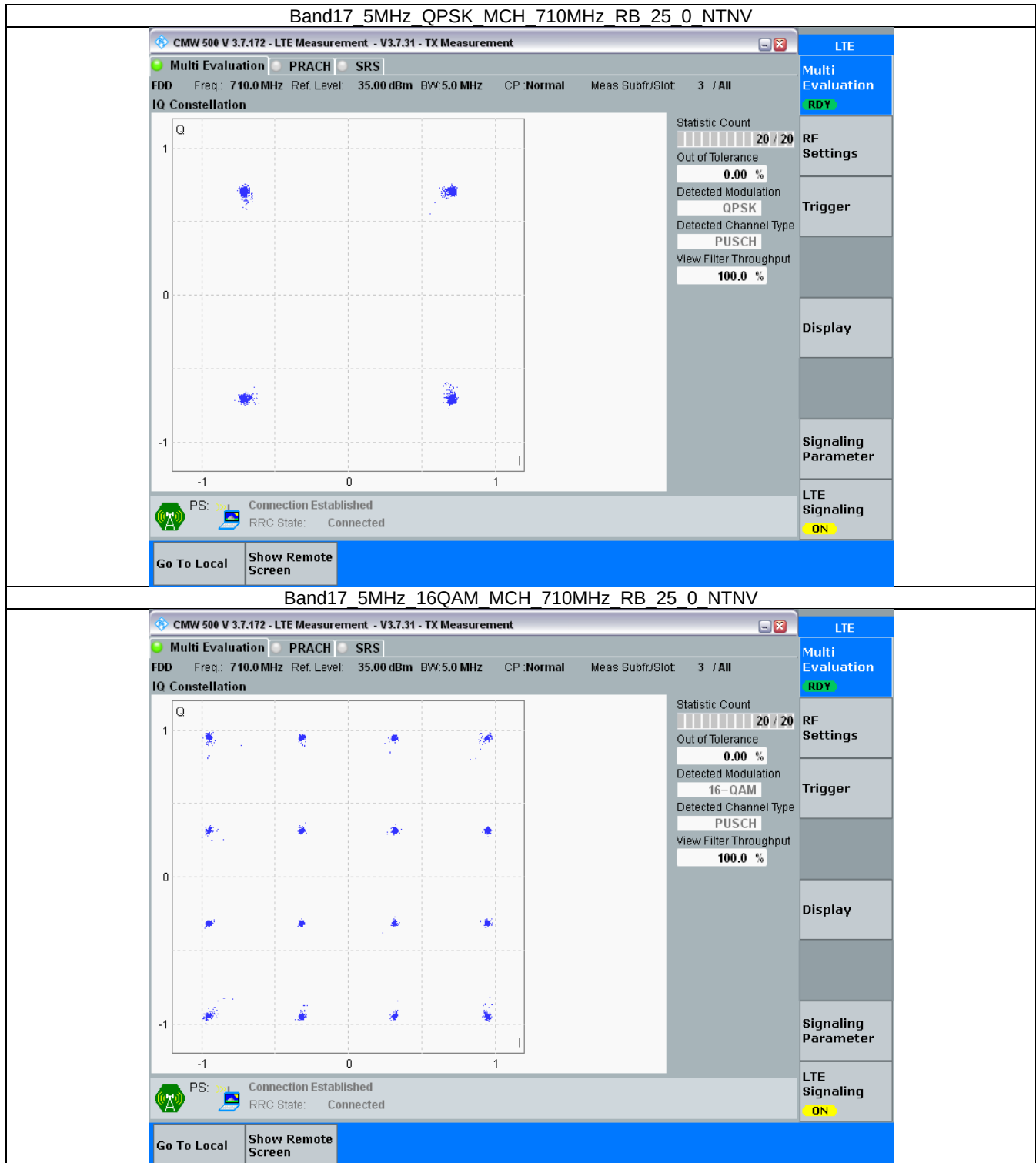
Band: 17 / Bandwidth: 5MHz / NTV					
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics	
		Size	Offset	Result	Limit
QPSK	710	25	0	Refer To Test Graph	
16QAM	710	25	0	Refer To Test Graph	

3.1.2 B17_10MHz

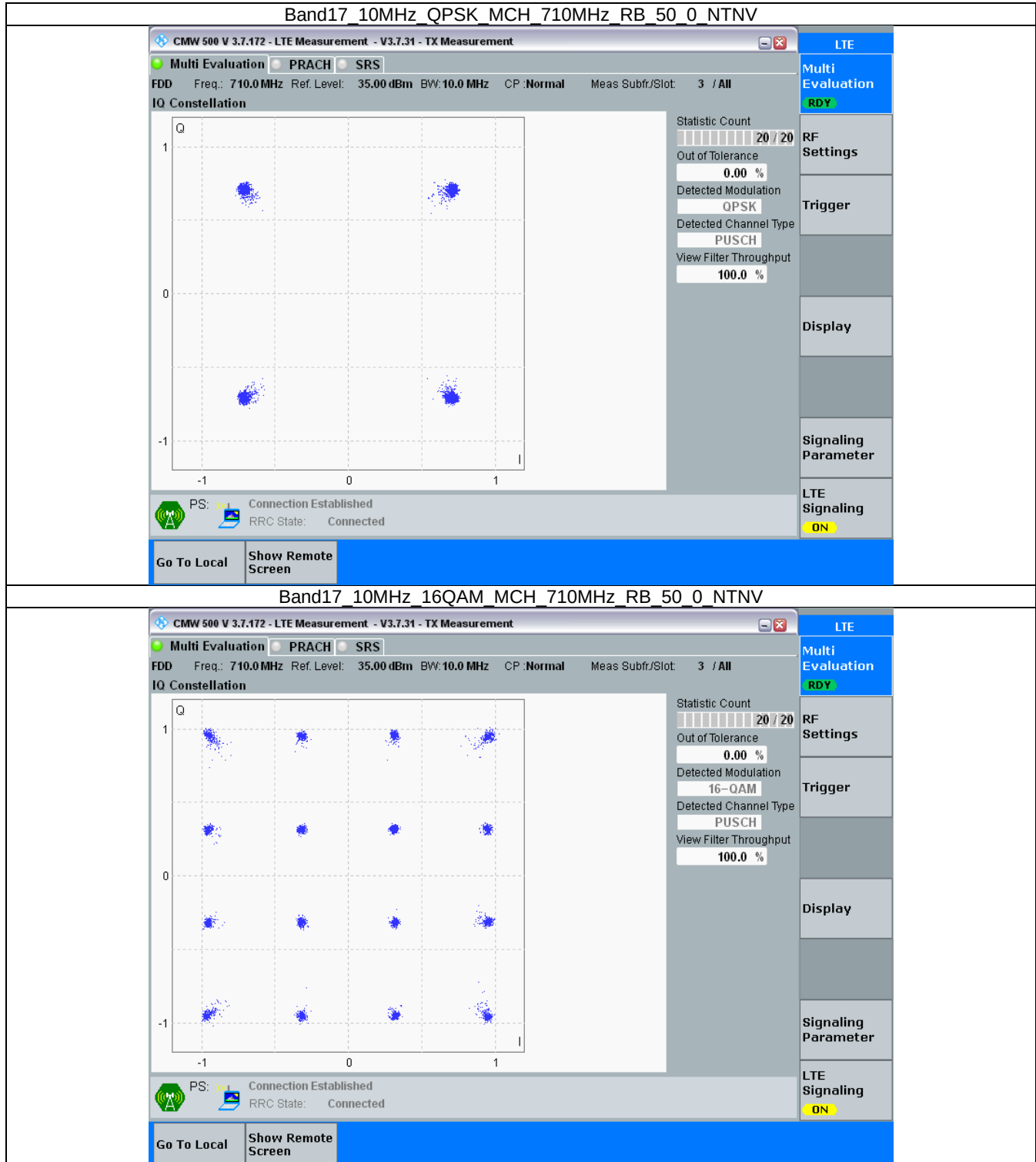
Band: 17 / Bandwidth: 10MHz / NTV					
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics	
		Size	Offset	Result	Limit
QPSK	710	50	0	Refer To Test Graph	
16QAM	710	50	0	Refer To Test Graph	

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

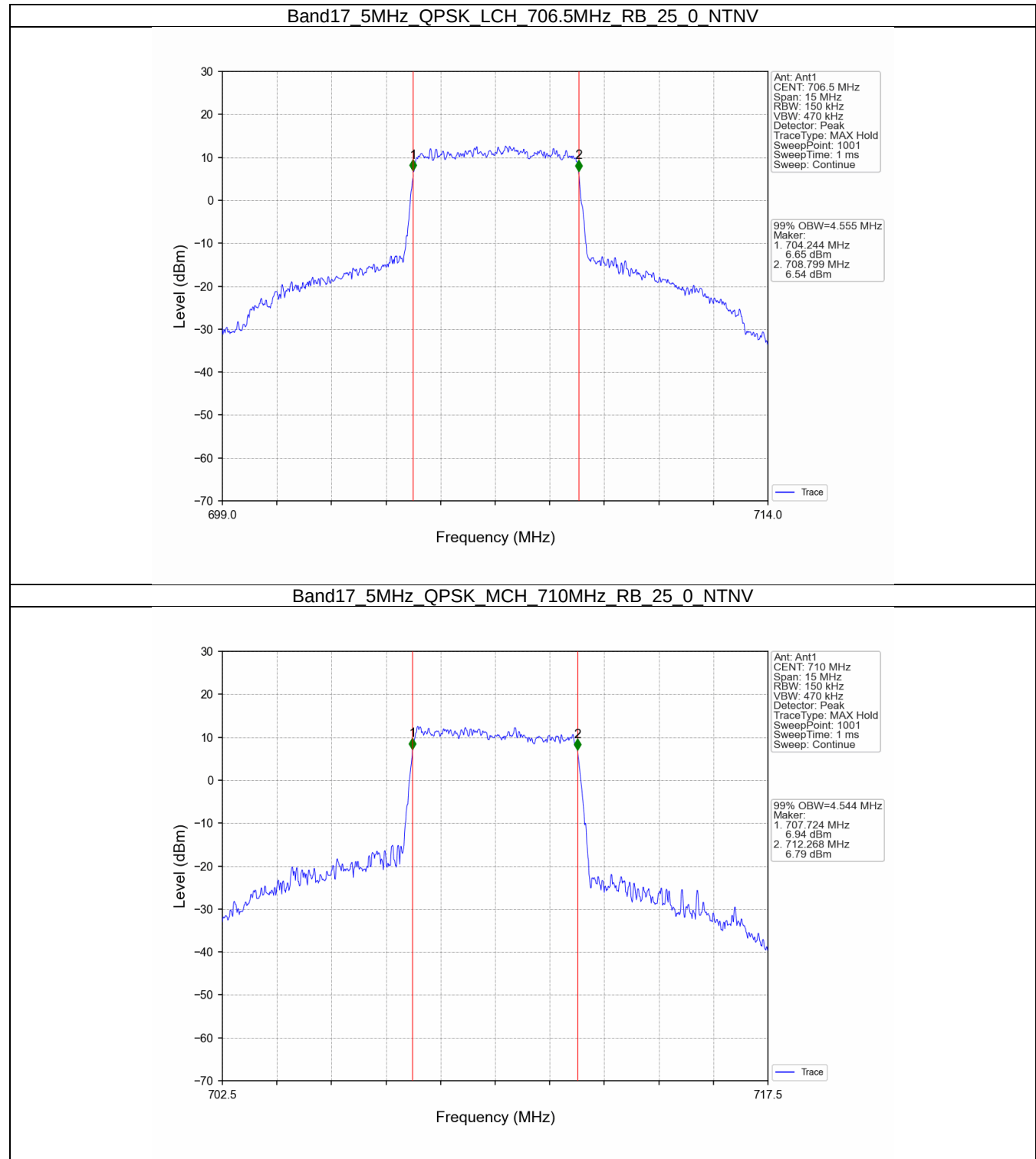
Band: 17 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	706.5	25	0	4.555	/	Pass
		710	25	0	4.544	/	Pass
		713.5	25	0	4.568	/	Pass
	16QAM	706.5	25	0	4.579	/	Pass
		710	25	0	4.581	/	Pass
		713.5	25	0	4.559	/	Pass
10	QPSK	709	50	0	9.022	/	Pass
		710	50	0	9.069	/	Pass
		711	50	0	9.121	/	Pass
	16QAM	709	50	0	9.030	/	Pass
		710	50	0	9.052	/	Pass
		711	50	0	9.076	/	Pass

4.1.2 Band17_XDB

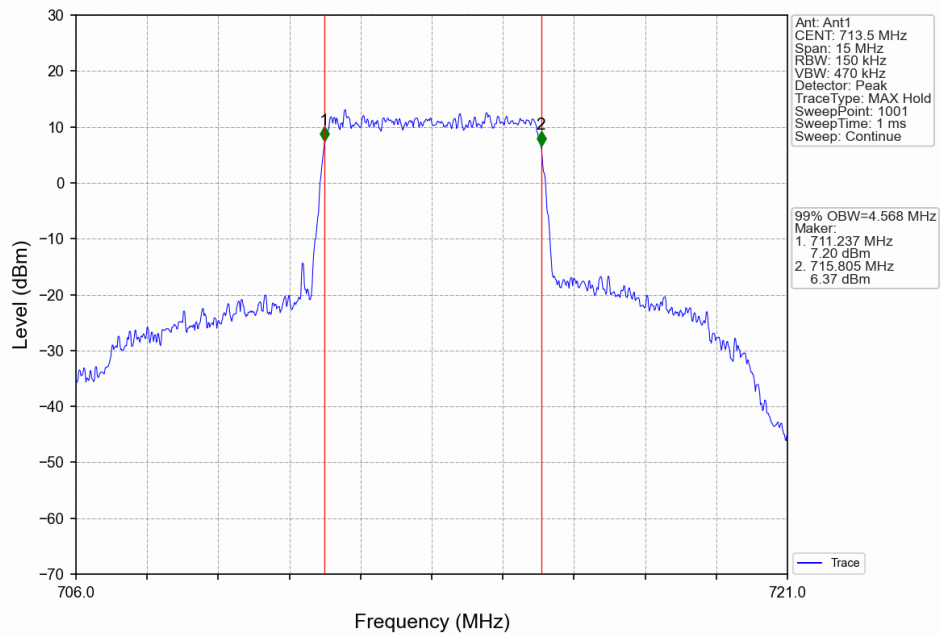
Band: 17 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	706.5	25	0	6.180	/	Pass
		710	25	0	5.013	/	Pass
		713.5	25	0	5.005	/	Pass
	16QAM	706.5	25	0	5.191	/	Pass
		710	25	0	4.999	/	Pass
		713.5	25	0	5.015	/	Pass
10	QPSK	709	50	0	9.826	/	Pass
		710	50	0	9.985	/	Pass
		711	50	0	9.943	/	Pass
	16QAM	709	50	0	9.755	/	Pass
		710	50	0	9.863	/	Pass
		711	50	0	9.860	/	Pass

4.2 Test Graph

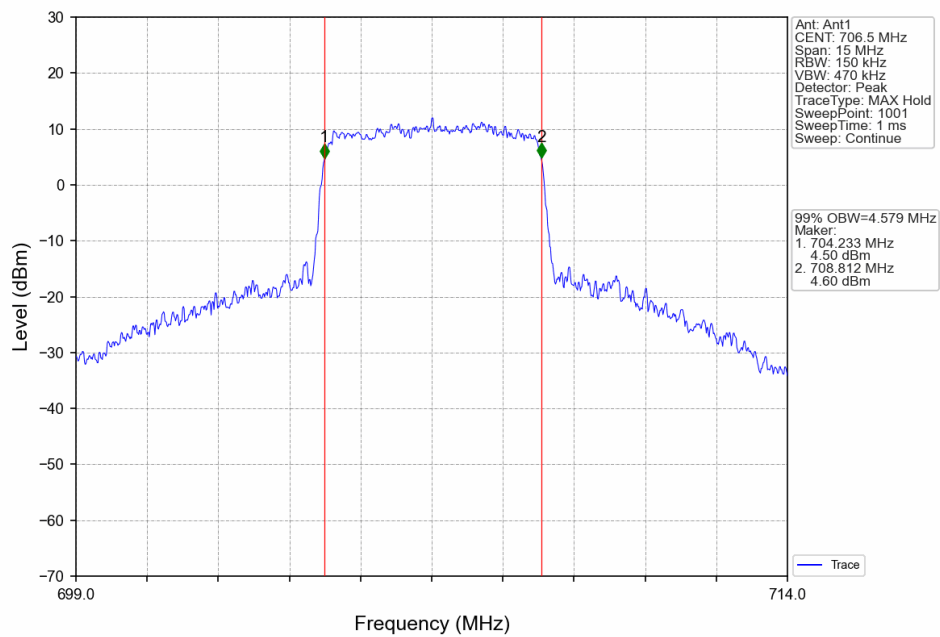
4.2.1 Band17_OBW



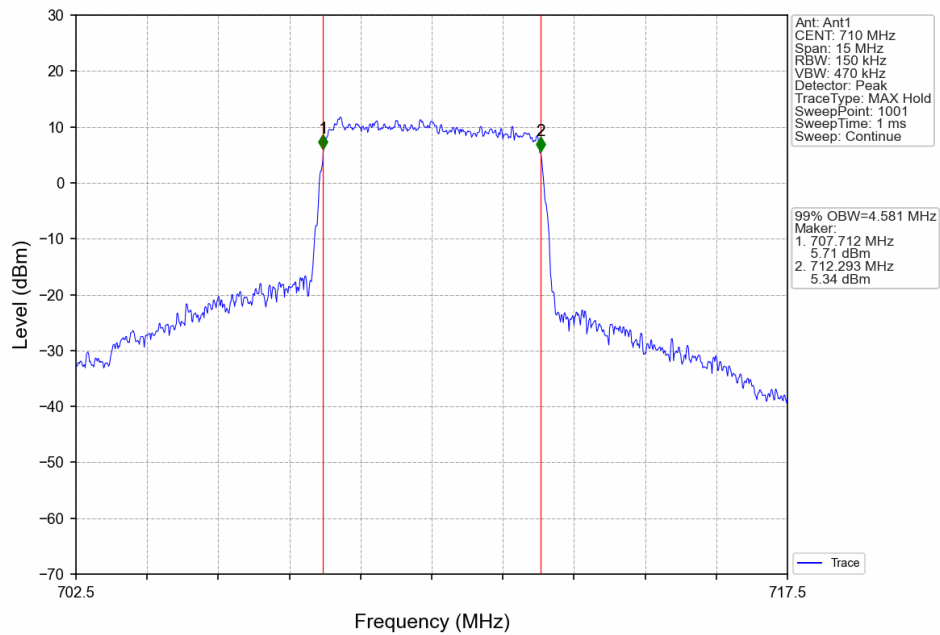
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



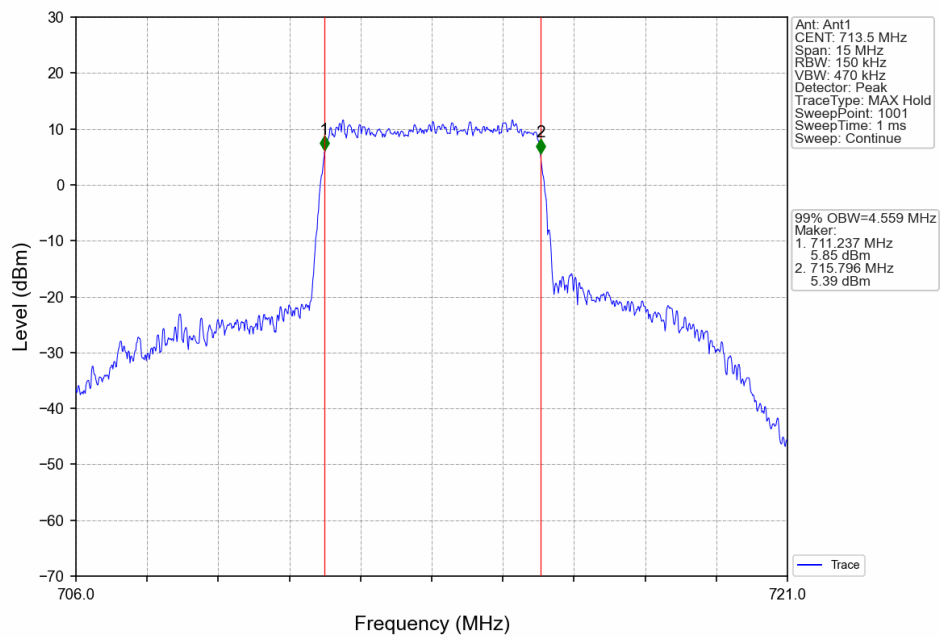
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



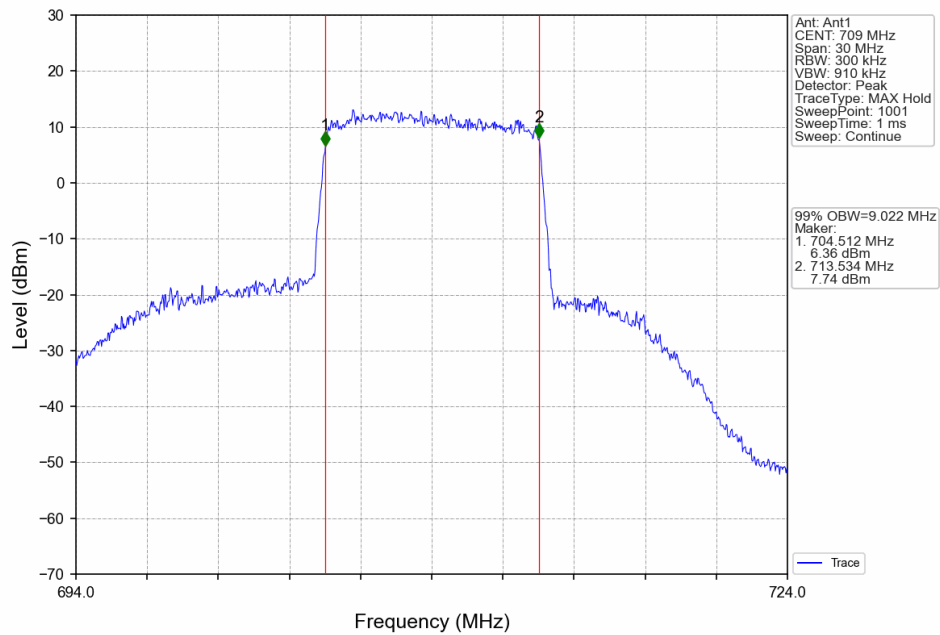
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



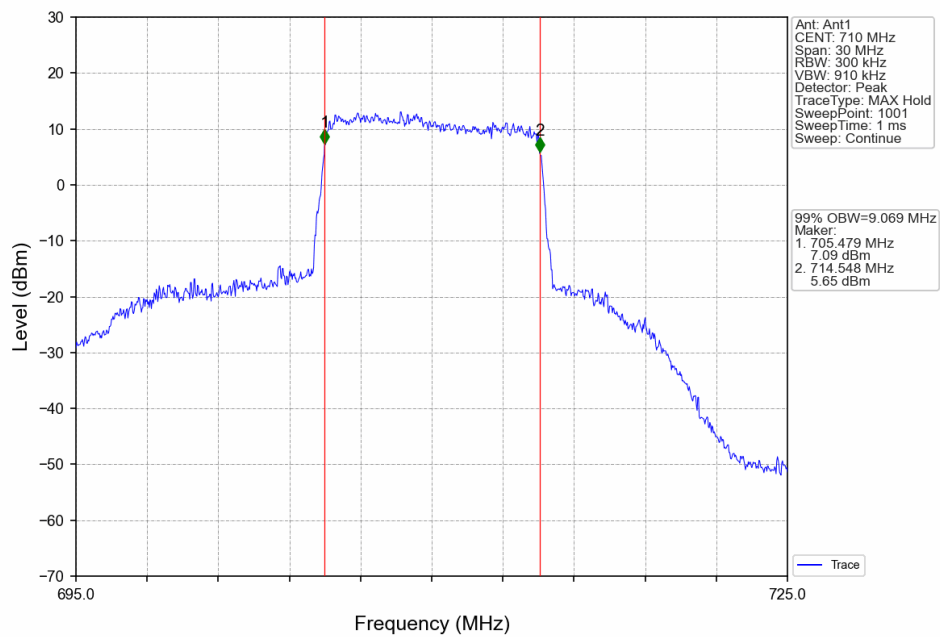
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



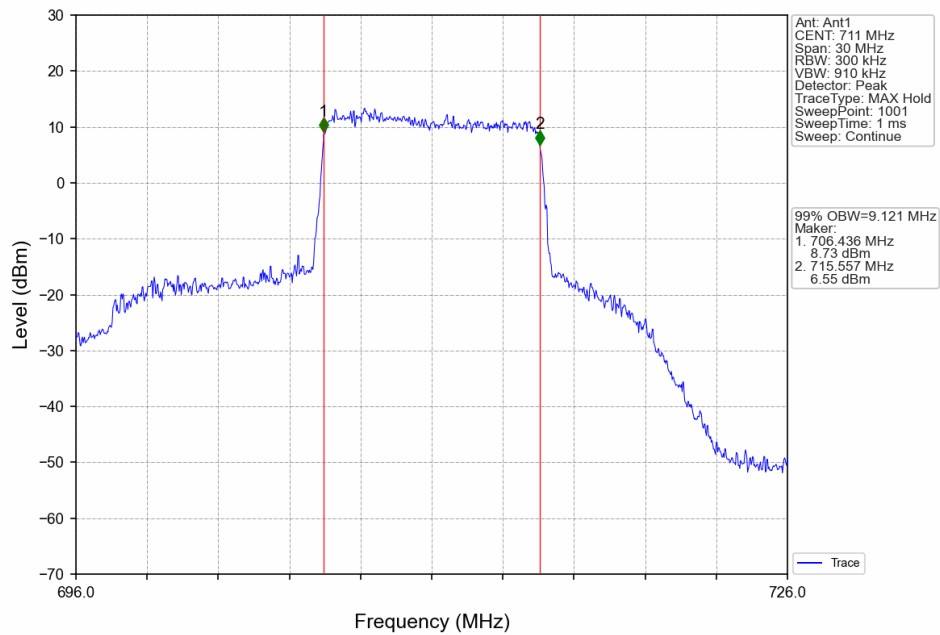
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



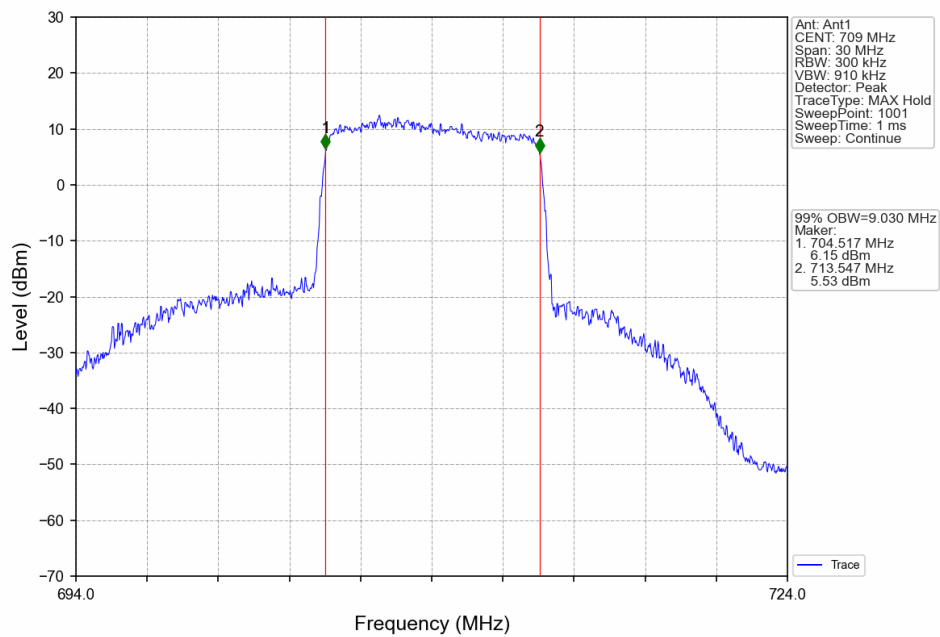
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



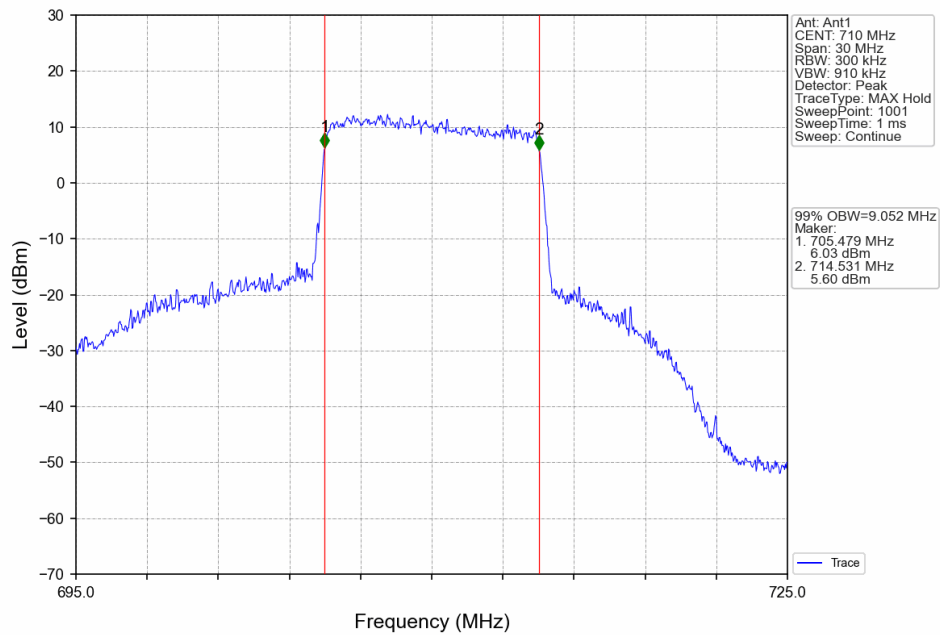
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



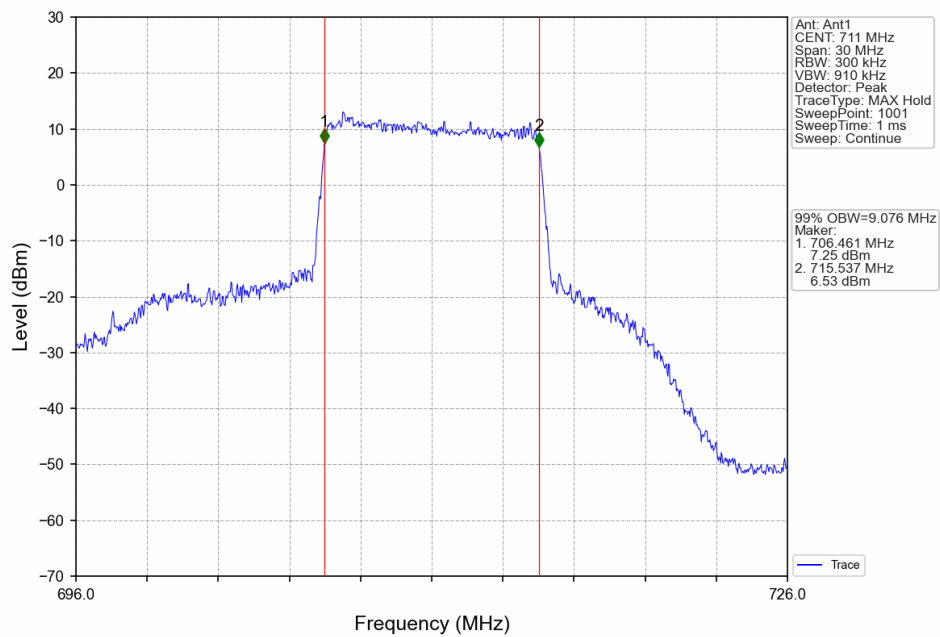
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



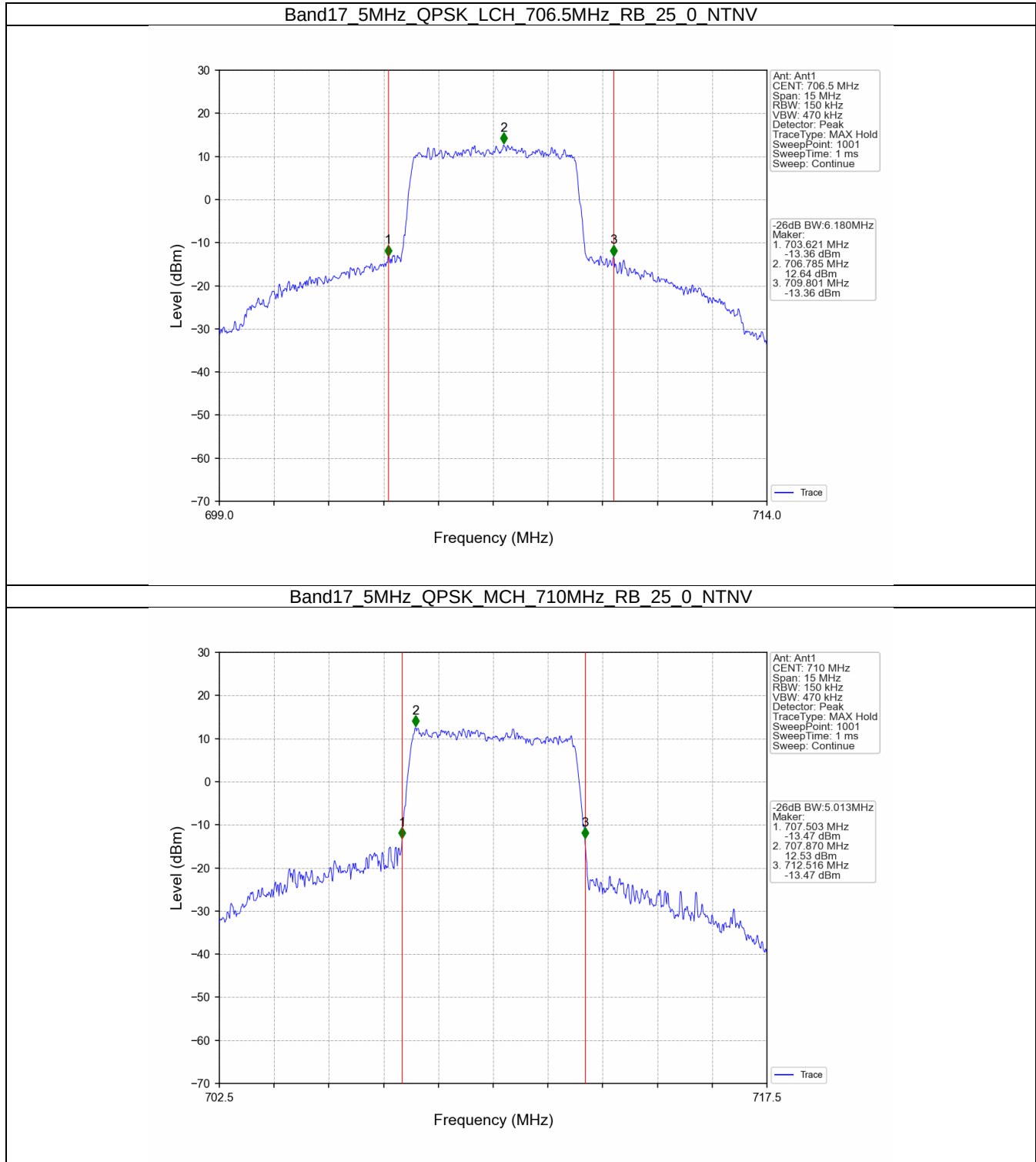
Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



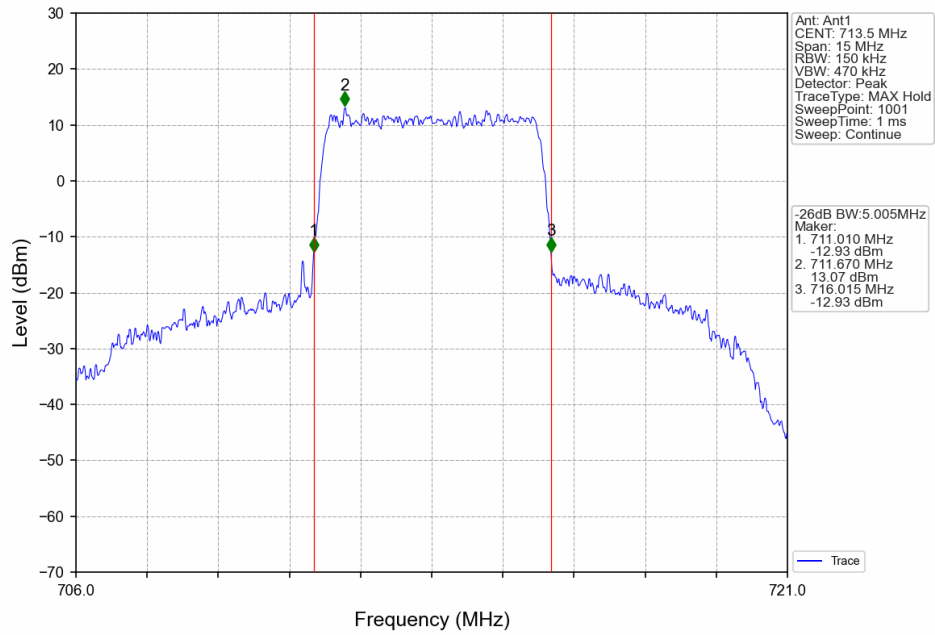
Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



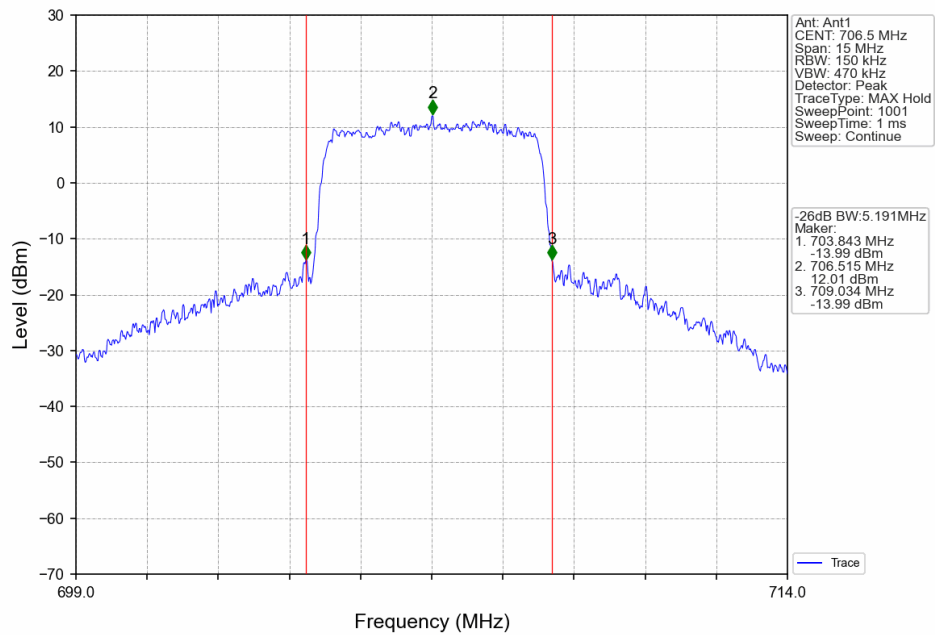
4.2.2 Band17_XDB



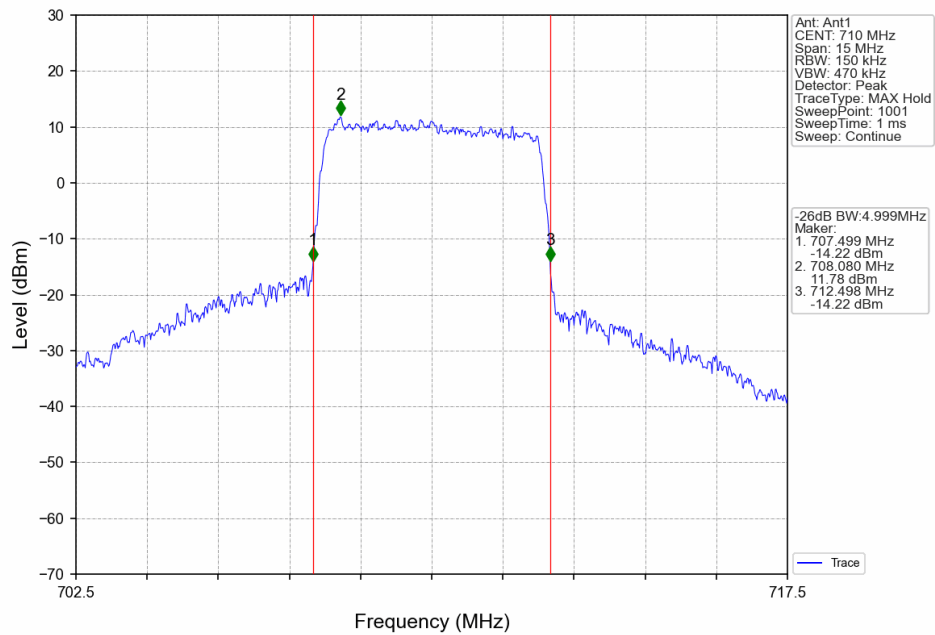
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



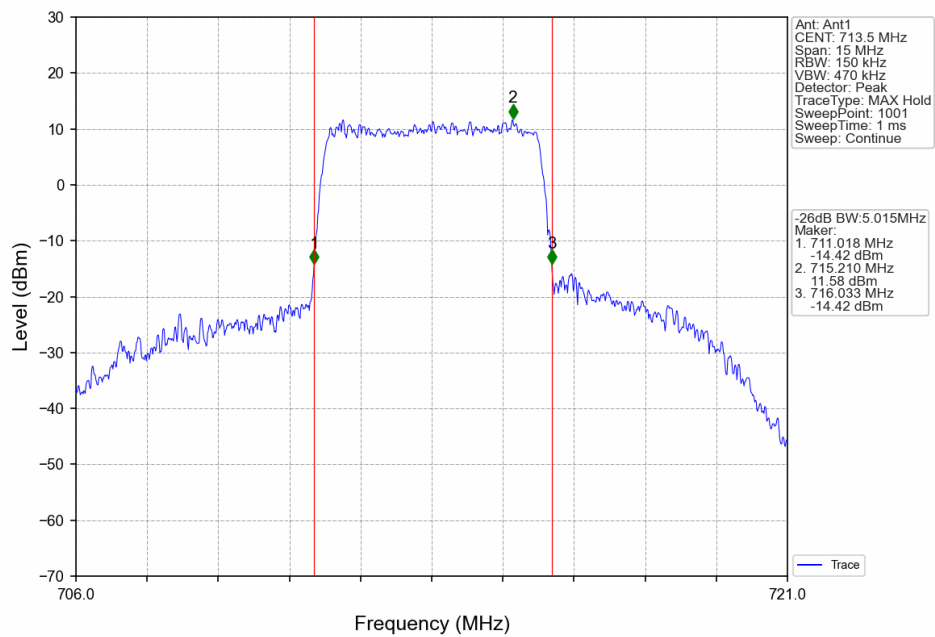
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



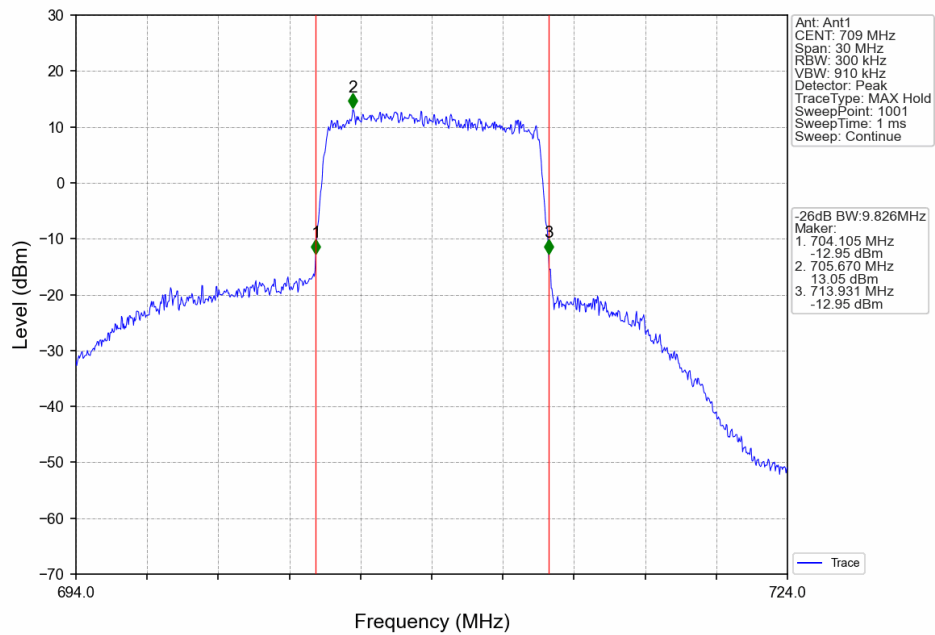
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



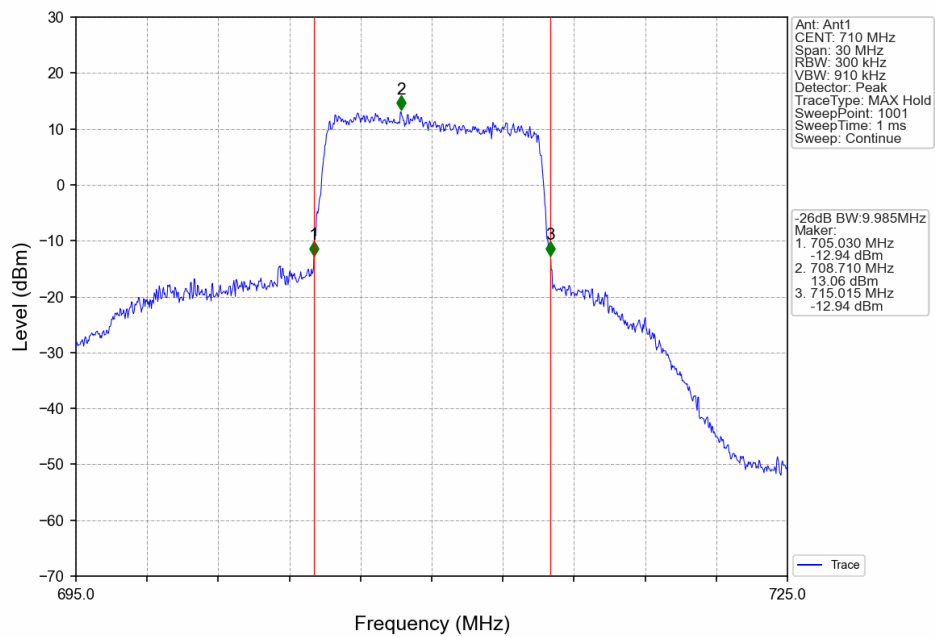
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



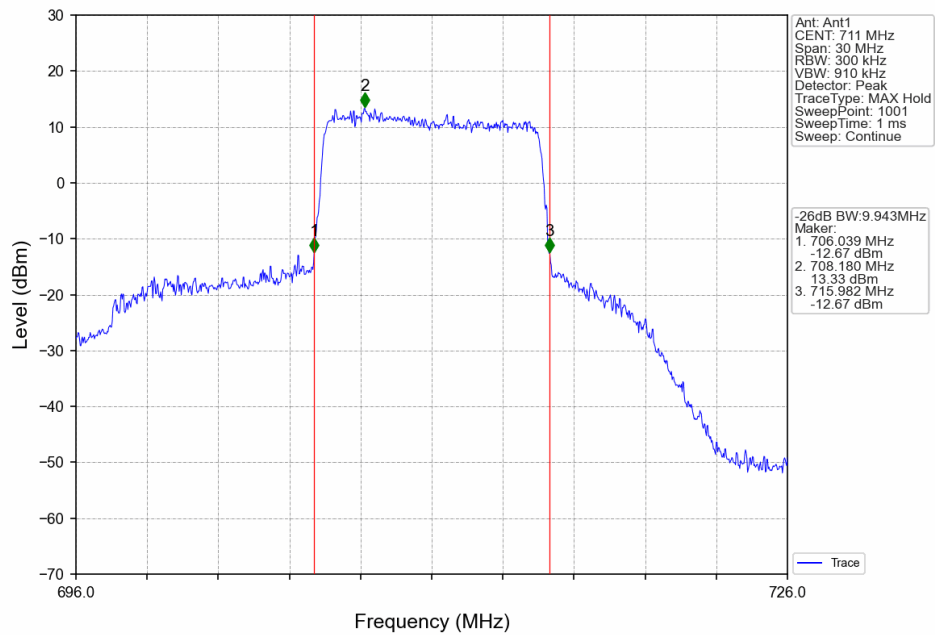
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



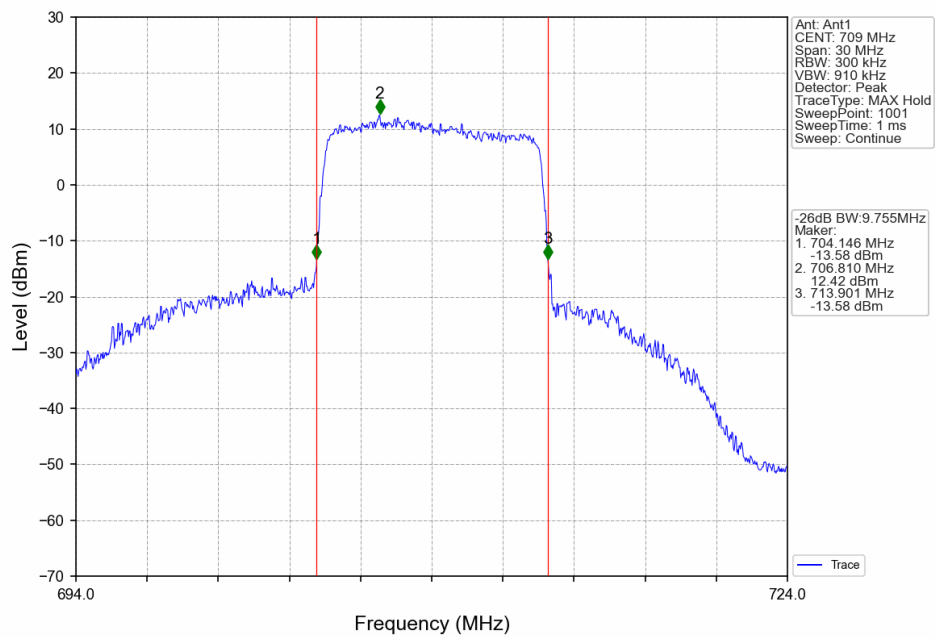
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



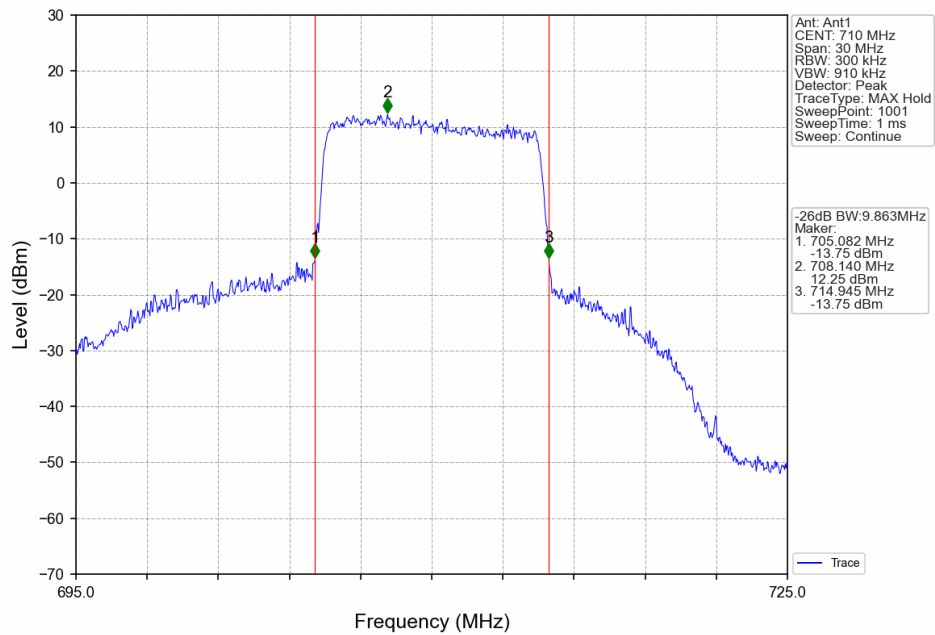
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



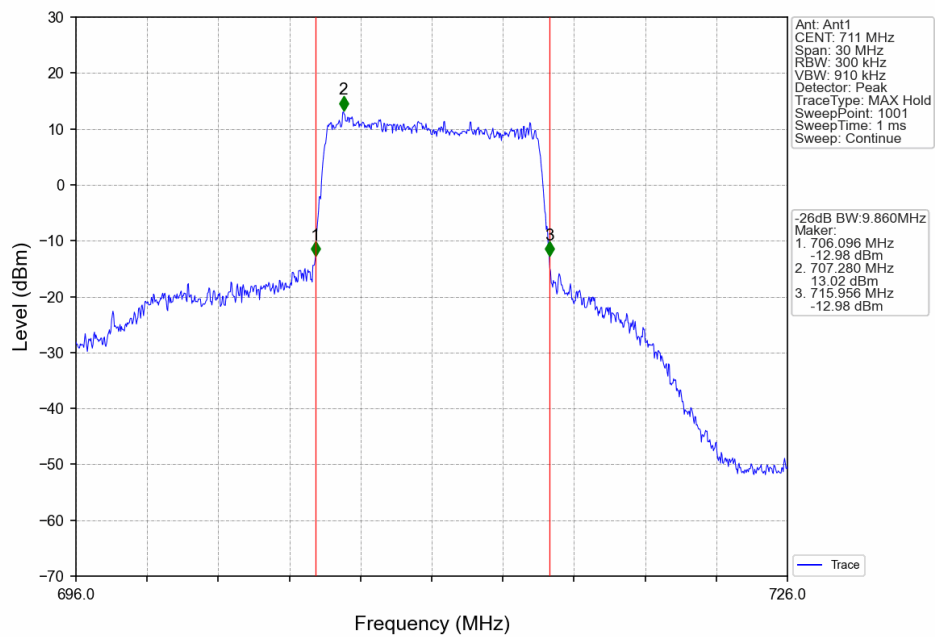
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



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

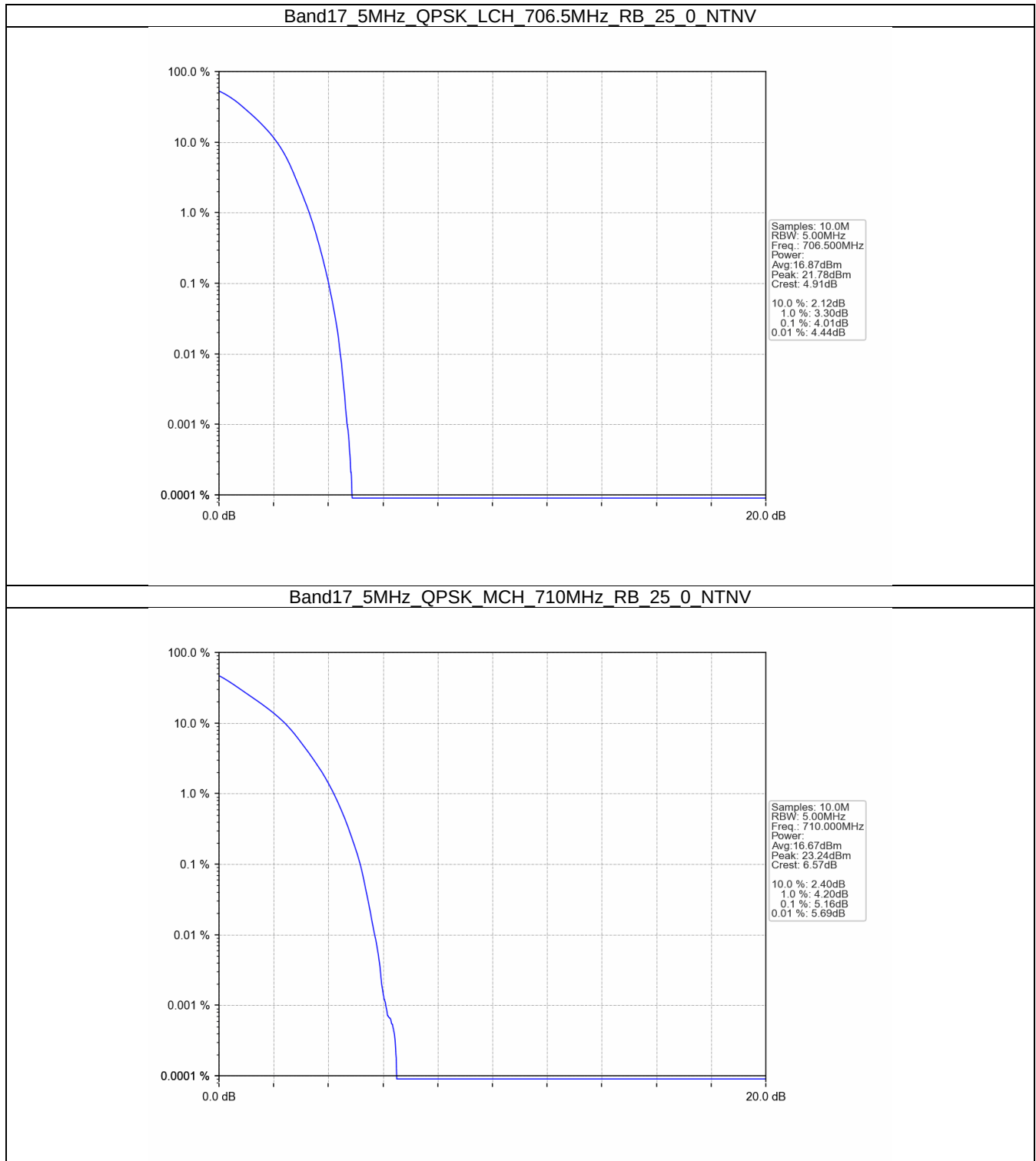
Band: 17 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	706.5	25	0	4.01	<=13	Pass
	710	25	0	5.16	<=13	Pass
	713.5	25	0	4.87	<=13	Pass
16QAM	706.5	25	0	4.91	<=13	Pass
	710	25	0	5.85	<=13	Pass
	713.5	25	0	5.67	<=13	Pass

5.1.2 B17_10MHz

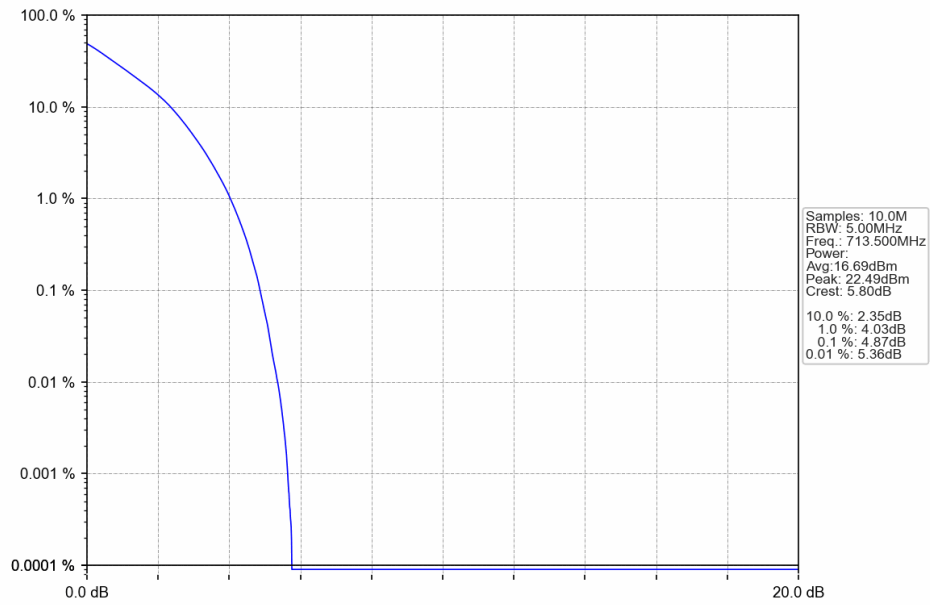
Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	709	50	0	4.85	<=13	Pass
	710	50	0	4.81	<=13	Pass
	711	50	0	4.69	<=13	Pass
16QAM	709	50	0	5.63	<=13	Pass
	710	50	0	5.65	<=13	Pass
	711	50	0	5.55	<=13	Pass

5.2 Test Graph

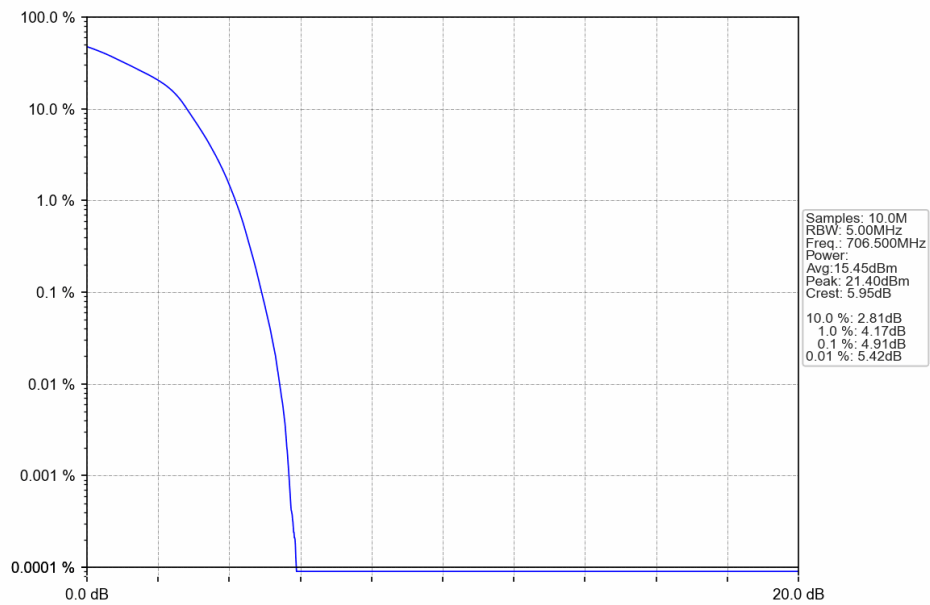
5.2.1 B17_5MHz



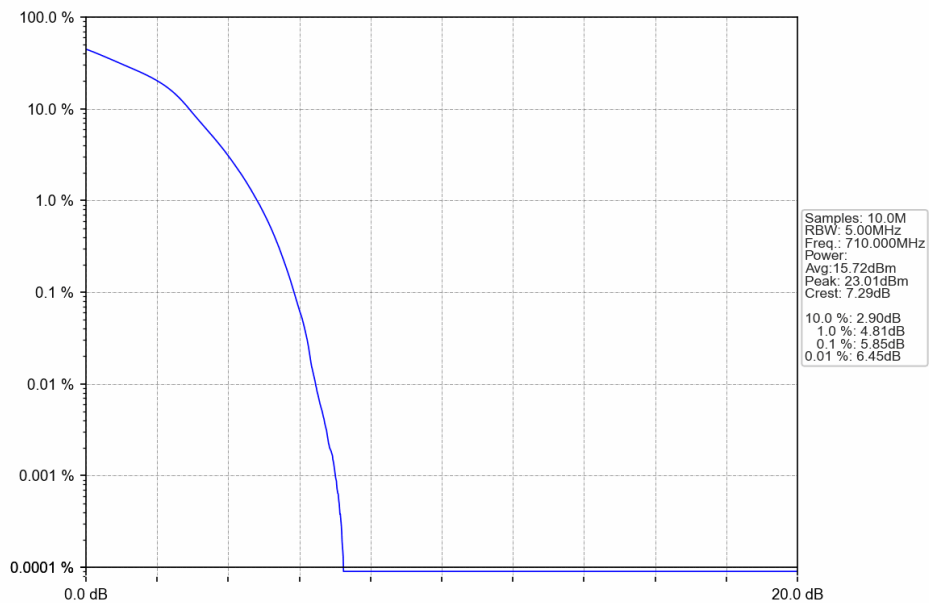
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



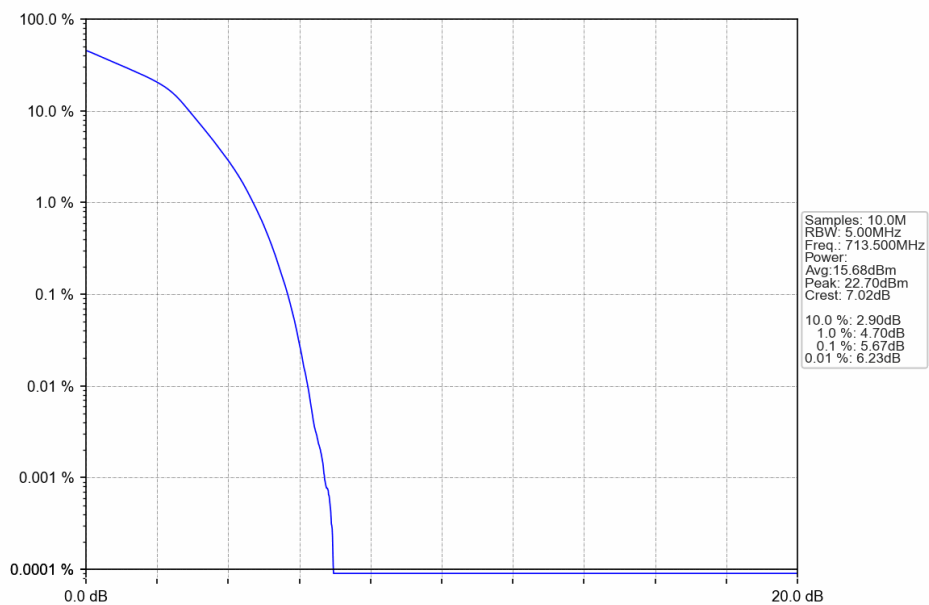
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV

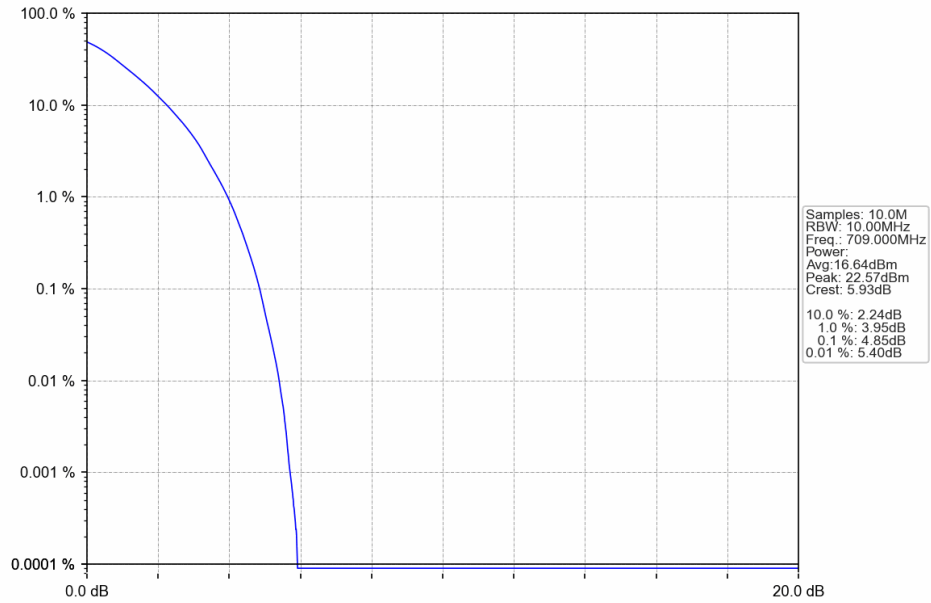


Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV

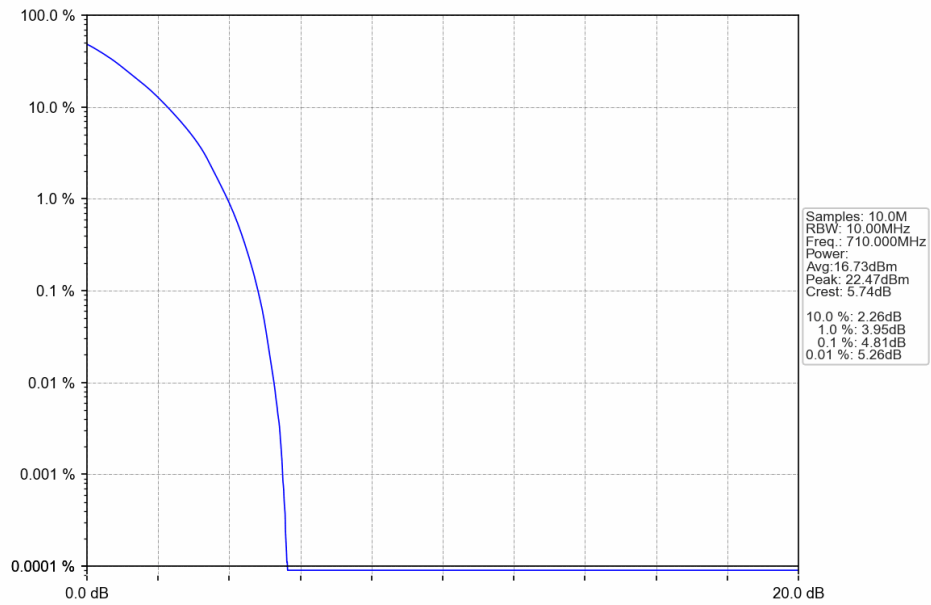


5.2.2 B17_10MHz

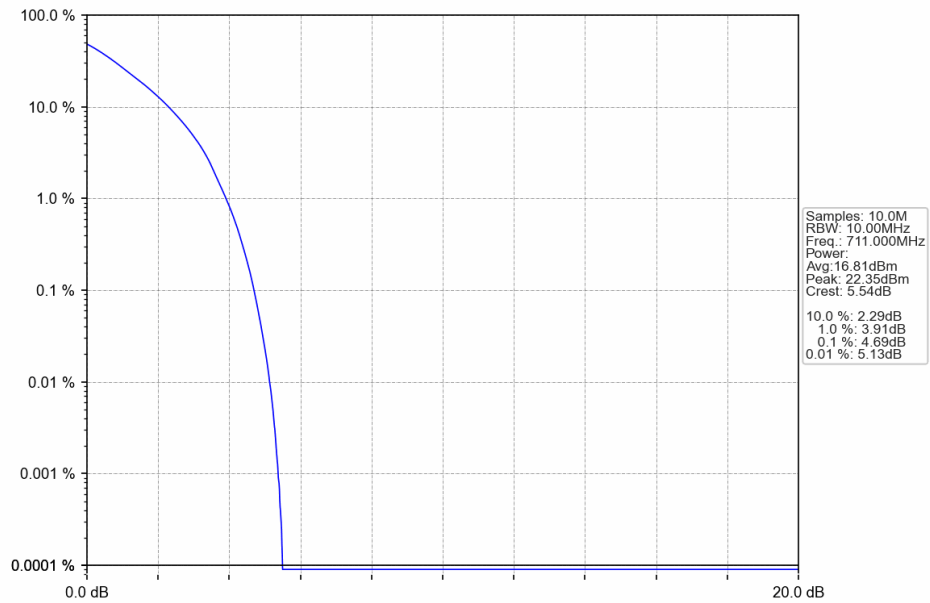
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



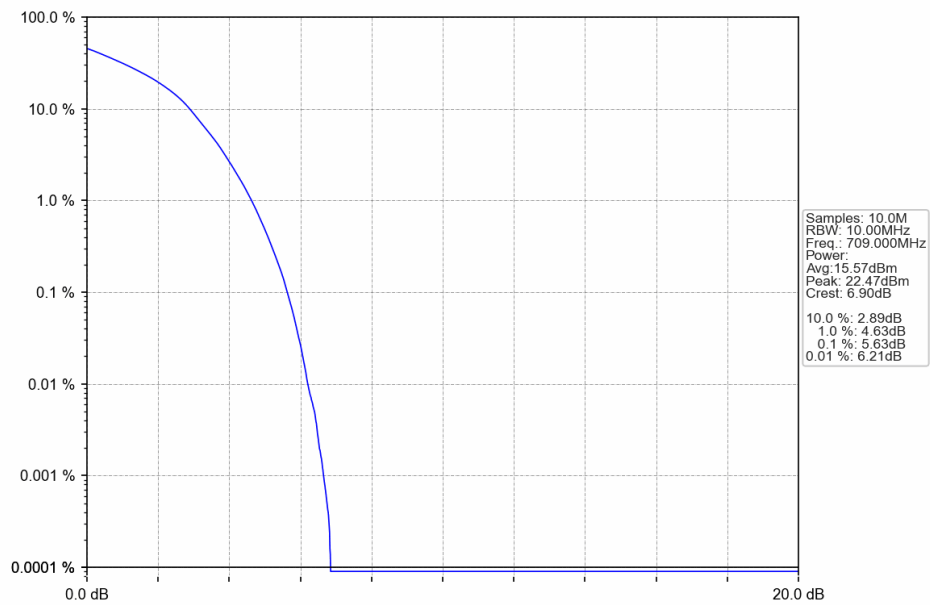
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



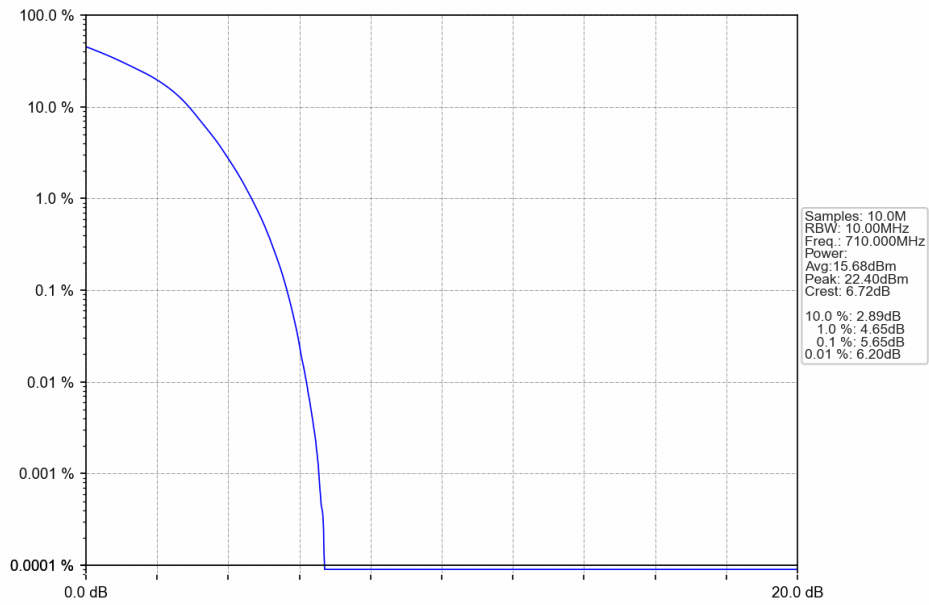
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



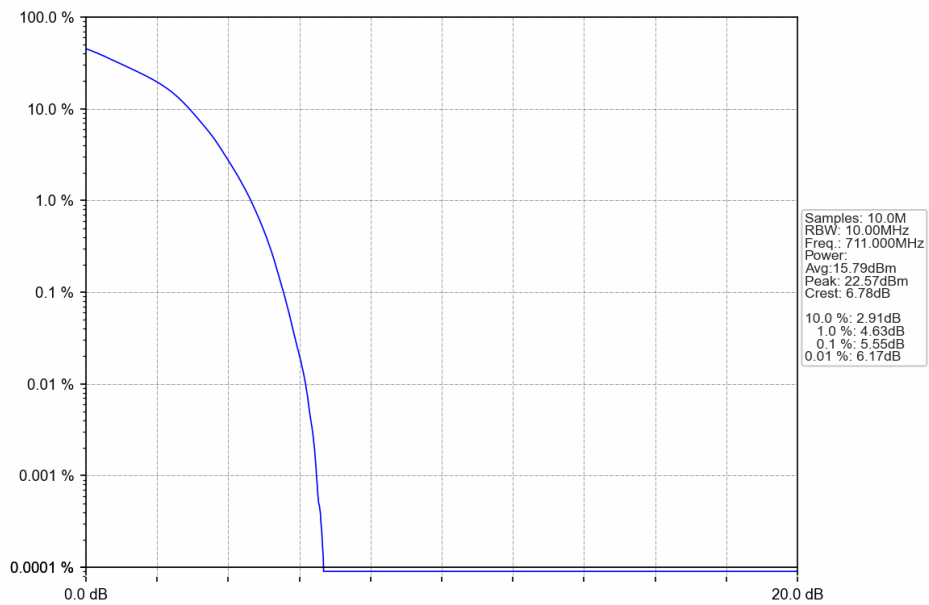
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 B17_5MHz

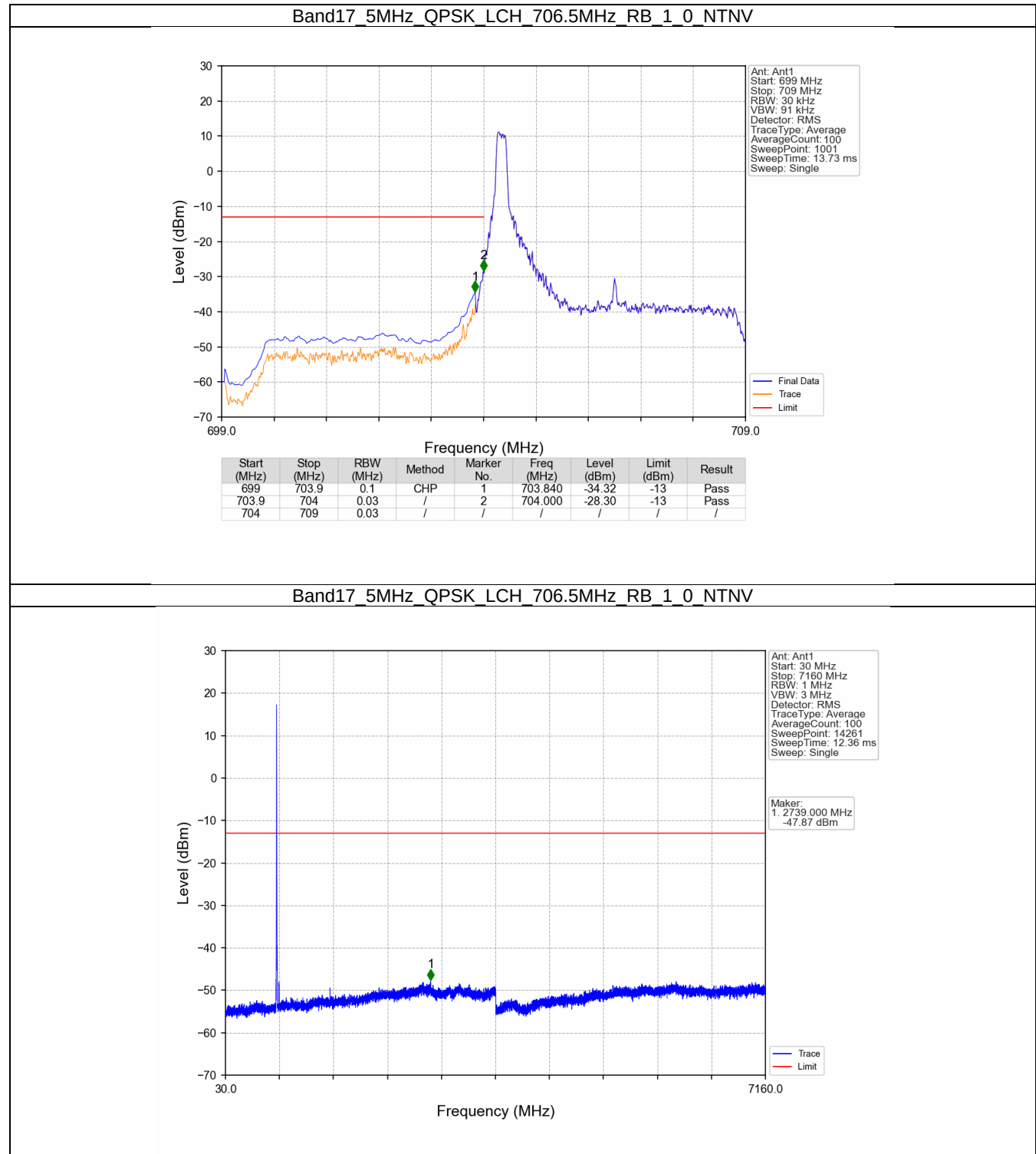
Band: 17 / Bandwidth: 5MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	706.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	710	1	0	Refer To Test Graph		Pass
	713.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test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

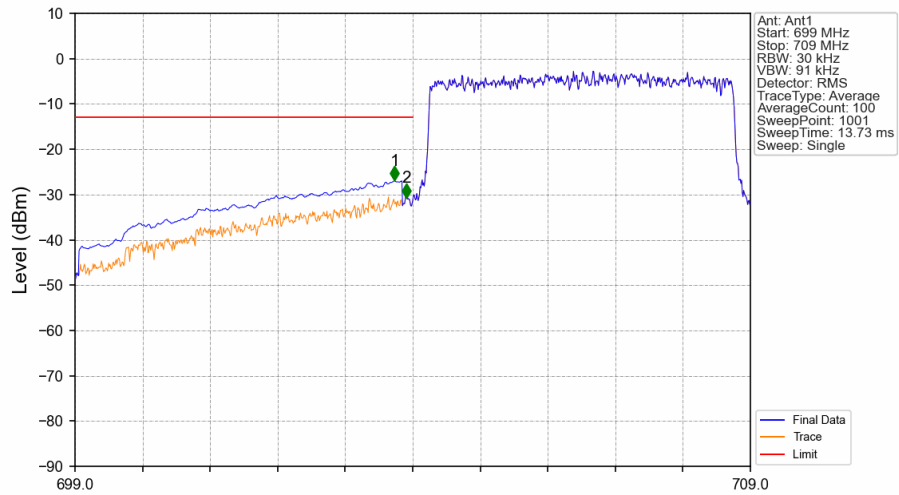
Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	709	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	710	1	0	Refer To Test Graph		Pass
	711	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph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

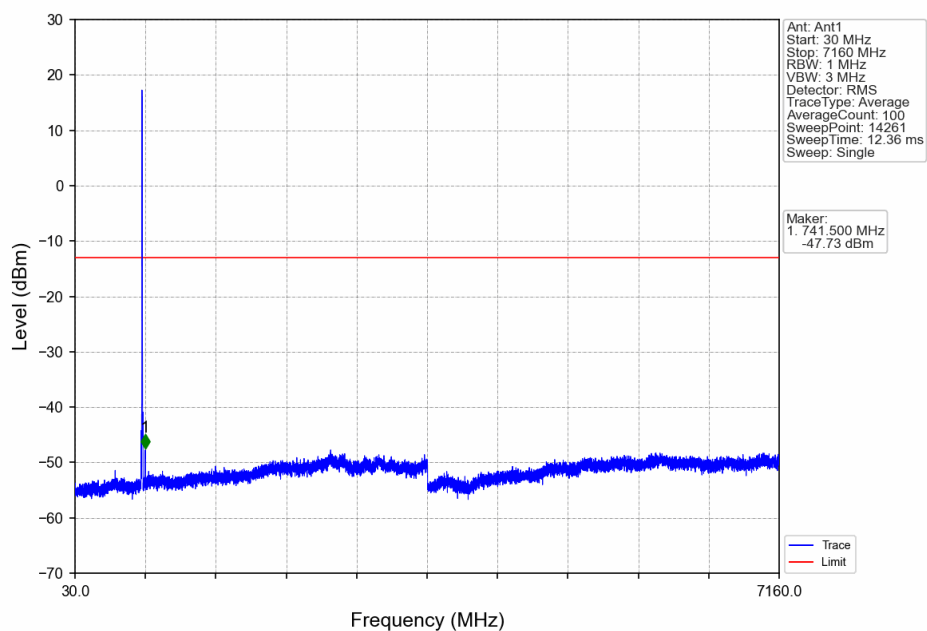


Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV

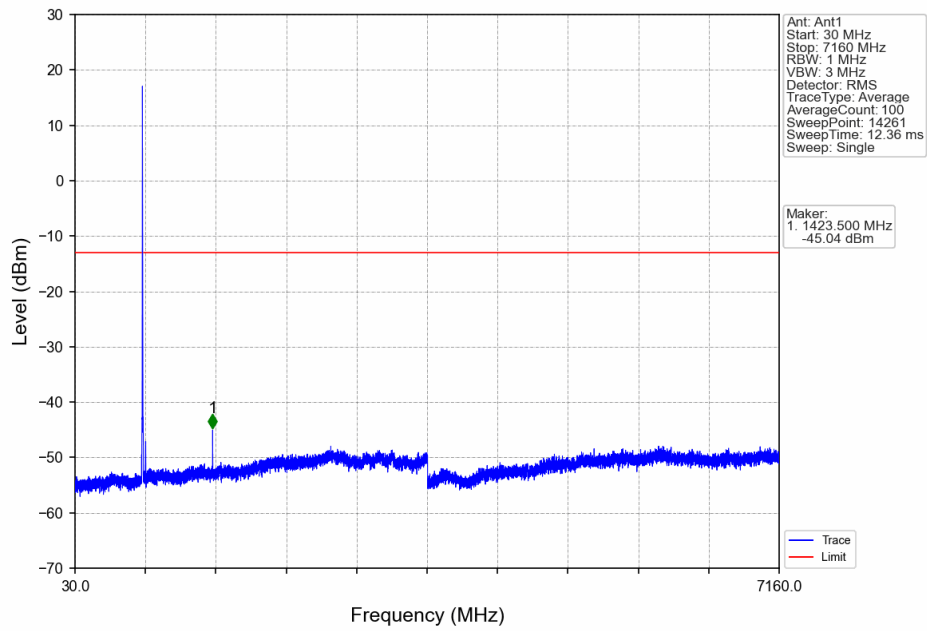


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.730	-26.89	-13	Pass
703.9	704	0.03	/	2	703.910	-30.67	-13	Pass
704	709	0.03	/	/	/	/	/	/

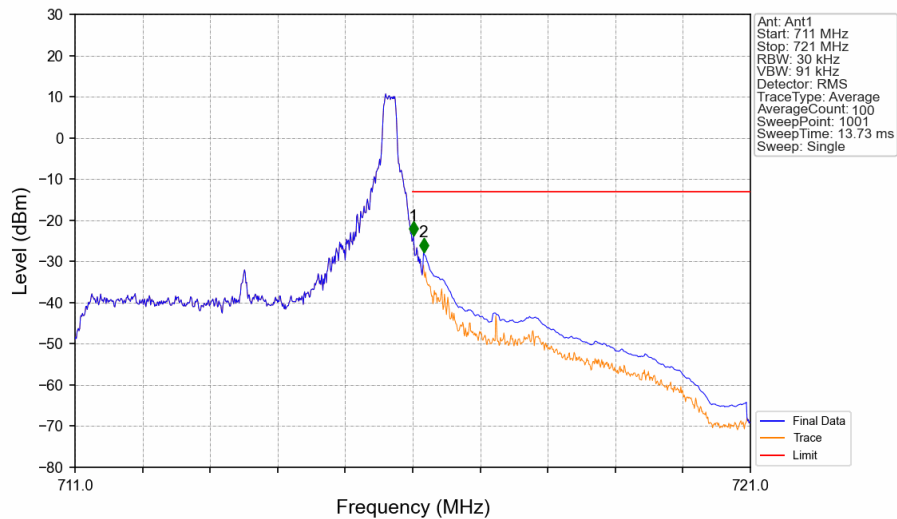
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV

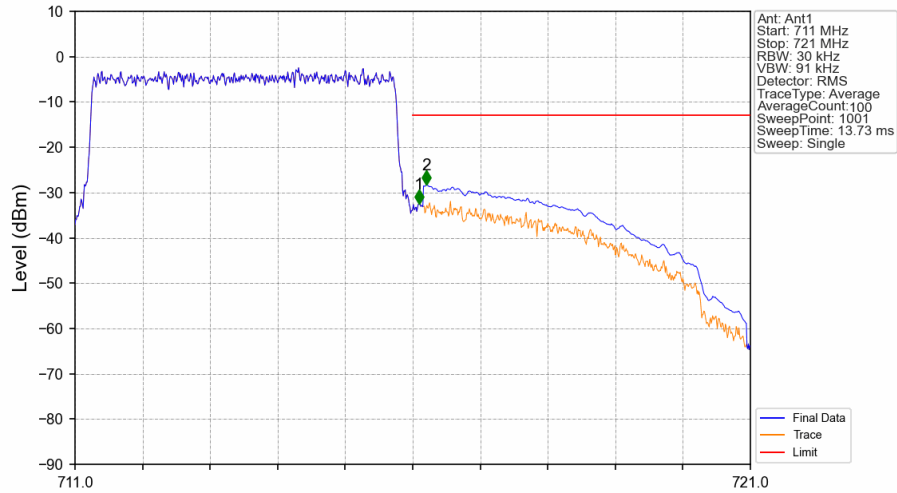


Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV



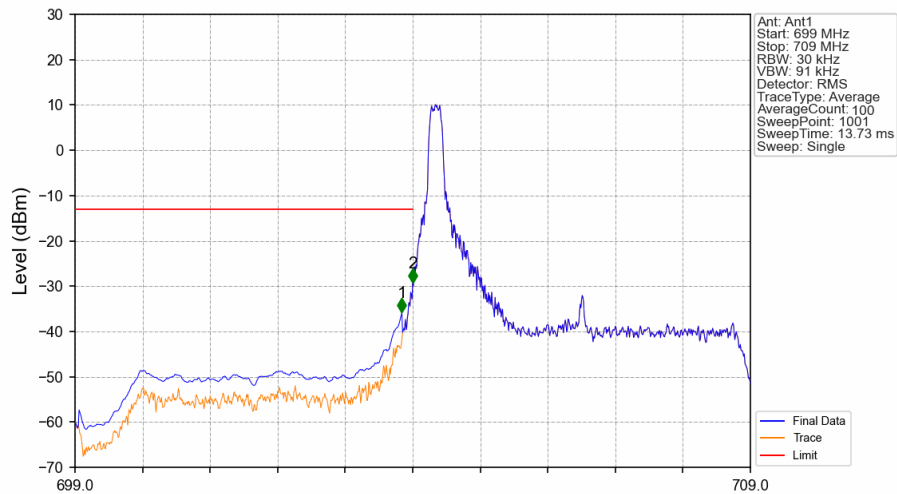
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-23.73	-13	Pass
716.1	721	0.1	CHP	2	716.160	-27.73	-13	Pass

Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



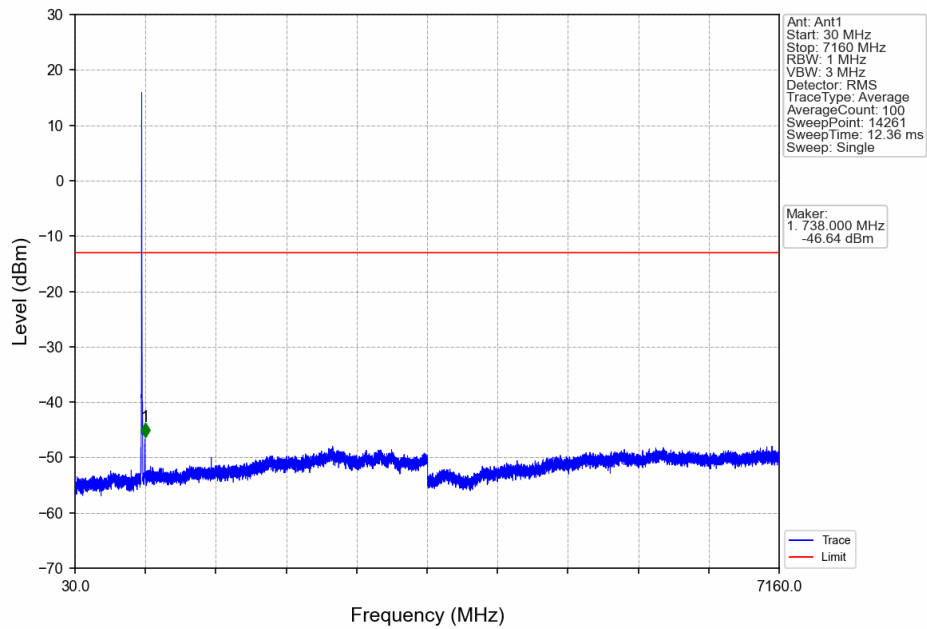
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.090	-32.51	-13	Pass
716.1	721	0.1	CHP	2	716.200	-28.34	-13	Pass

Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV

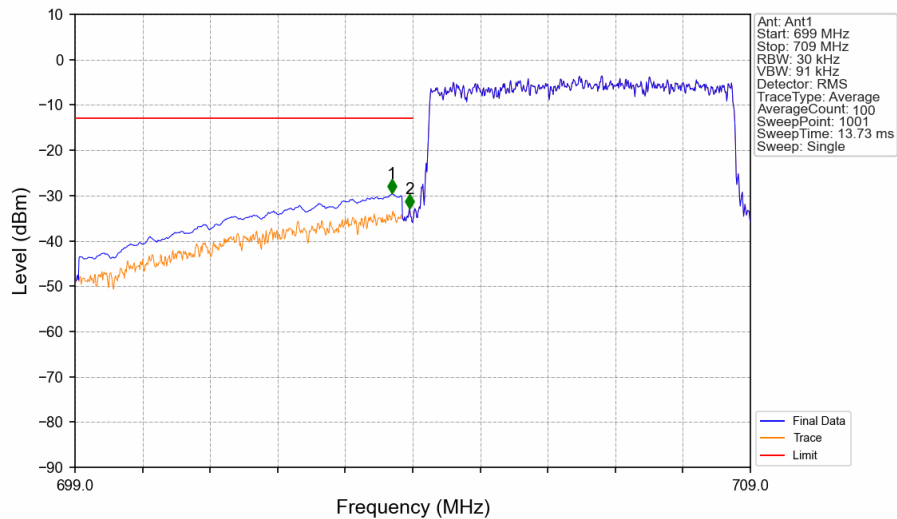


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-35.76	-13	Pass
703.9	704	0.03	/	2	704.000	-29.27	-13	Pass
704	709	0.03	/	/	/	/	/	/

Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV

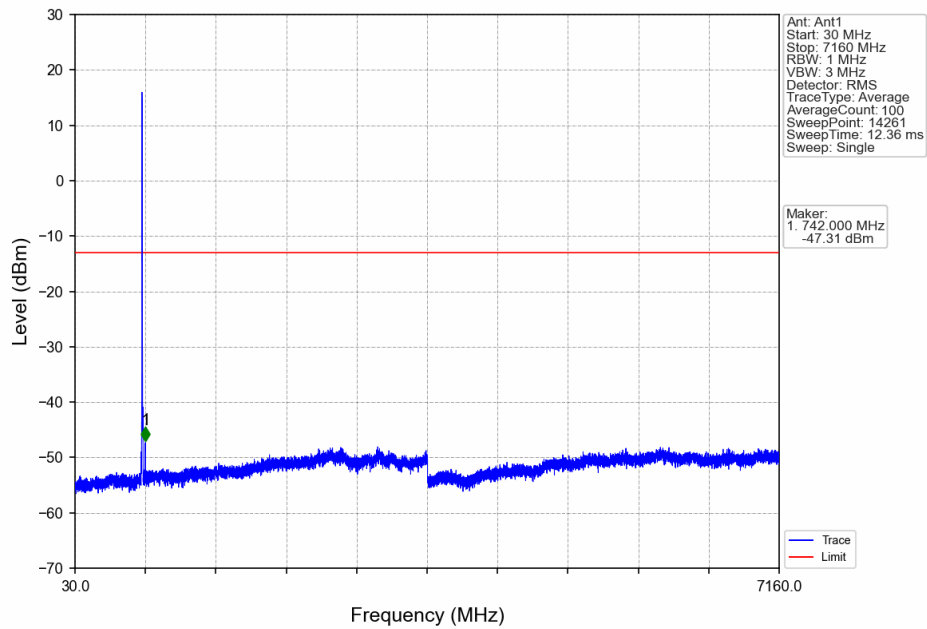


Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV

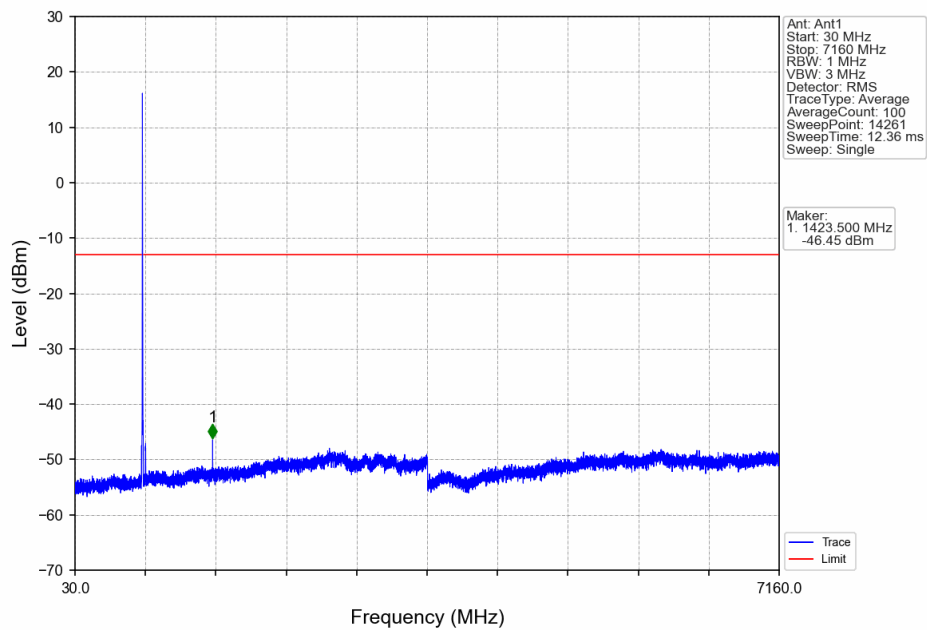


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.690	-29.55	-13	Pass
703.9	704	0.03	/	2	703.950	-32.93	-13	Pass
704	709	0.03	/	/	/	/	/	/

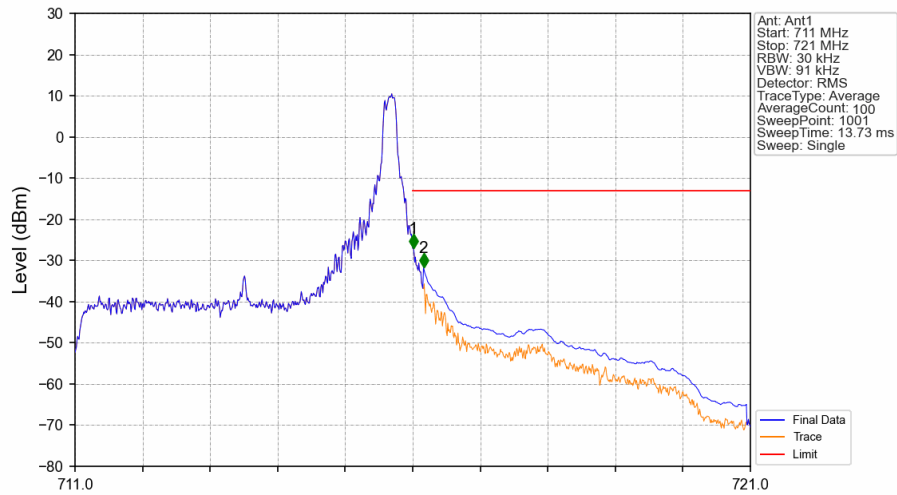
Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV

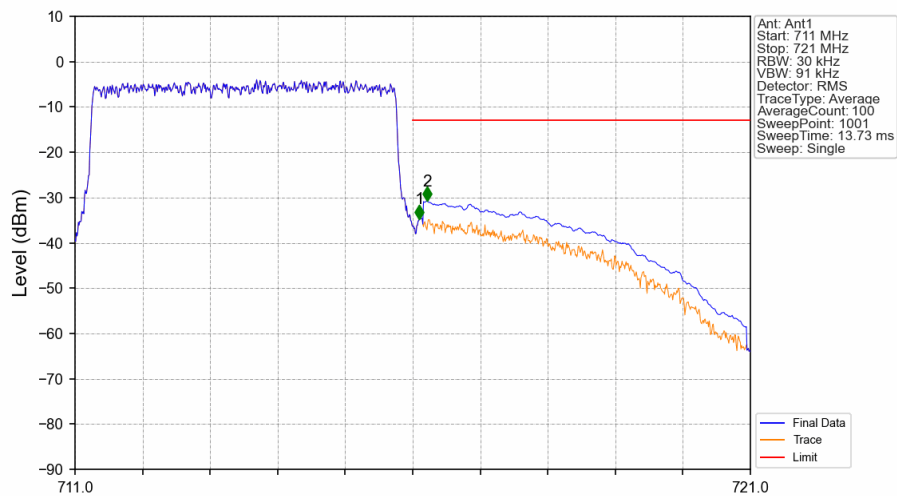


Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_24_NTNV



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	716.010	-26.99	-13	Pass
716.1	721	0.1	CHP	2	716.160	-31.67	-13	Pass

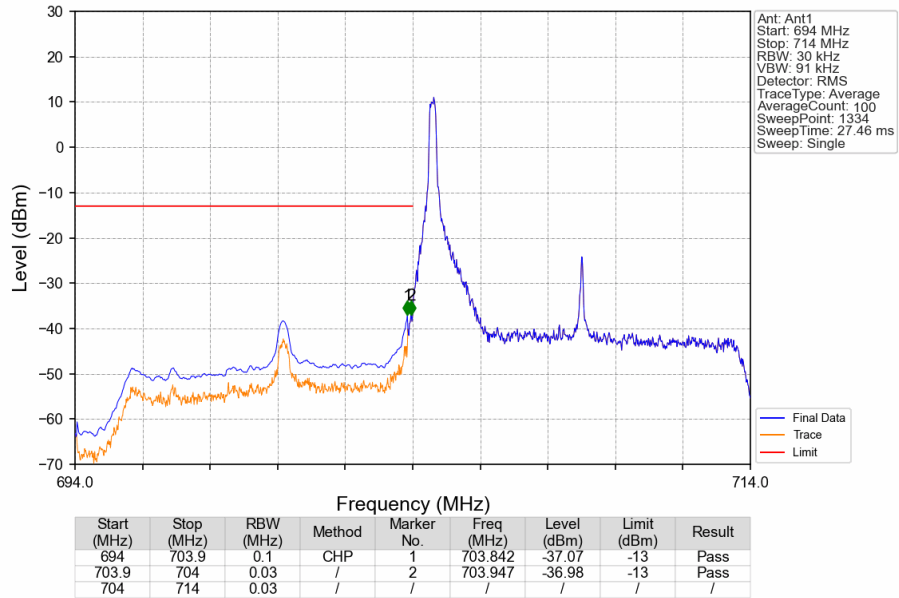
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



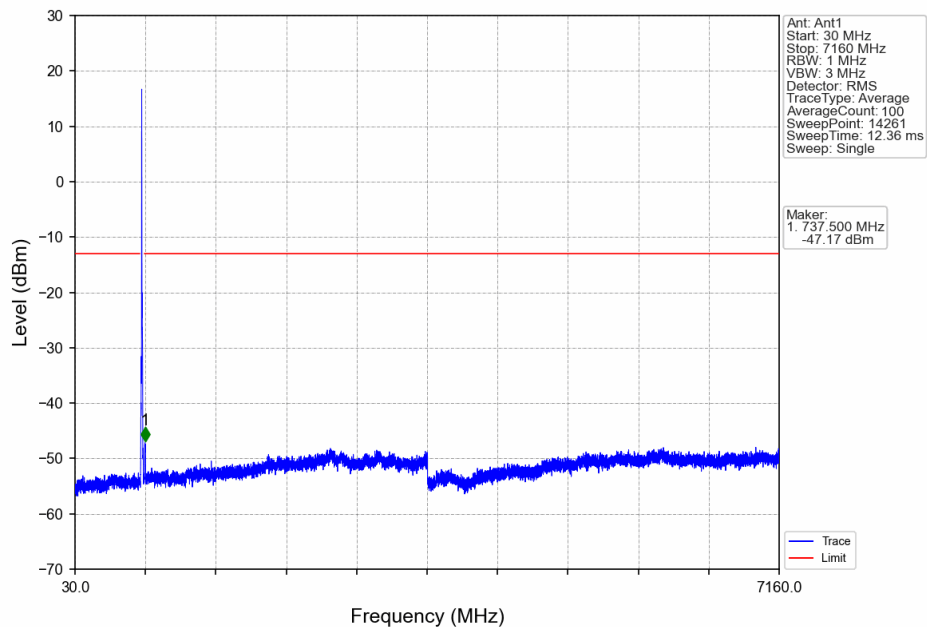
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.100	-34.73	-13	Pass
716.1	721	0.1	CHP	2	716.210	-30.80	-13	Pass

6.2.2 B17_10MHz

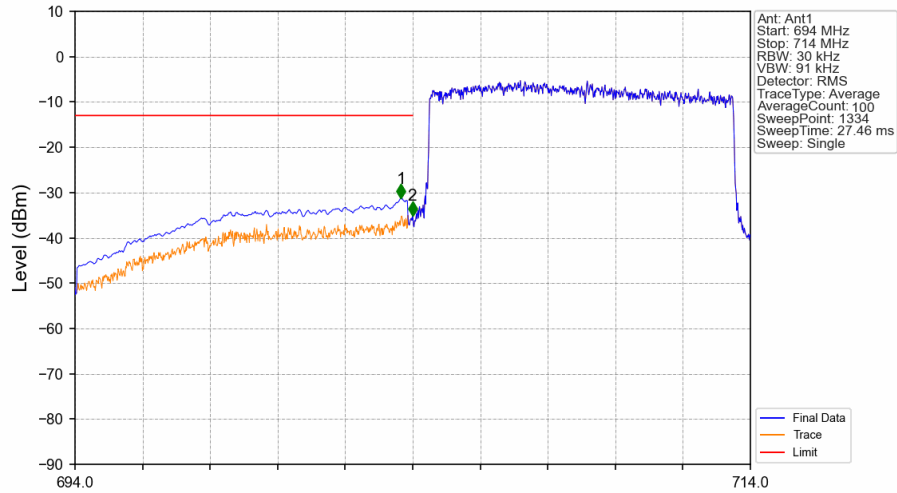
Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV



Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV

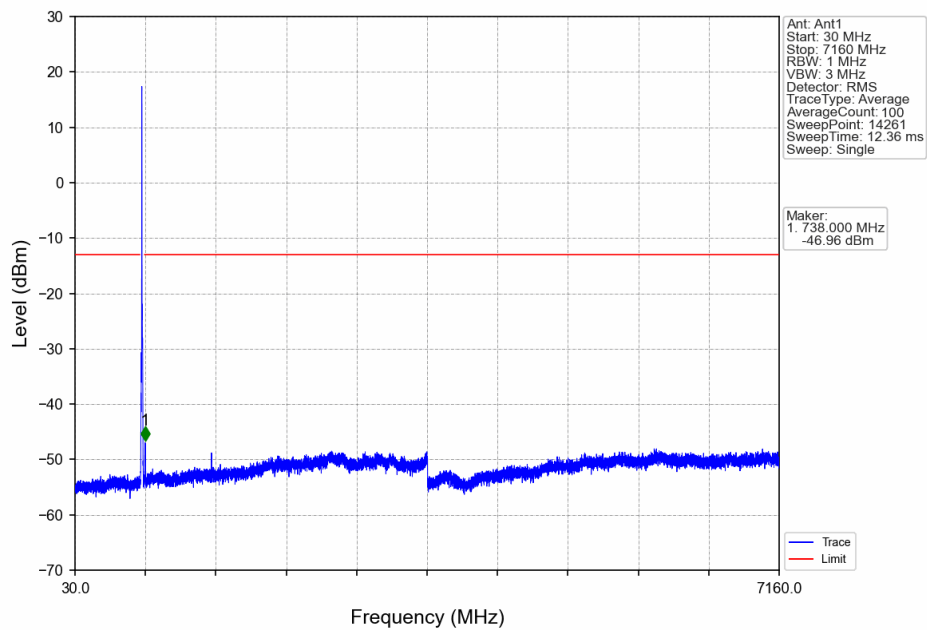


Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV

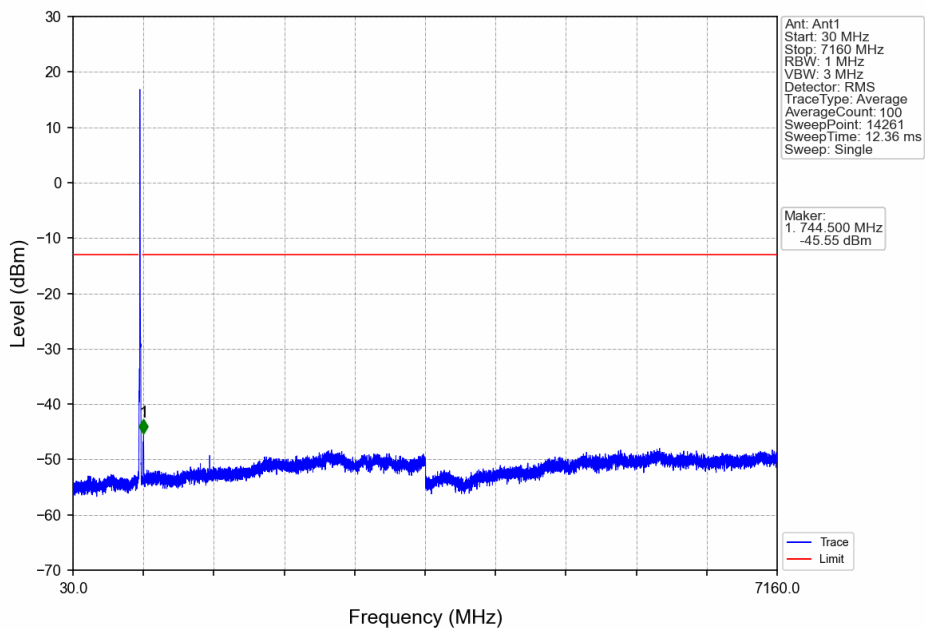


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.647	-31.27	-13	Pass
703.9	704	0.03	/	2	703.992	-35.06	-13	Pass
704	714	0.03	/	/	/	/	/	/

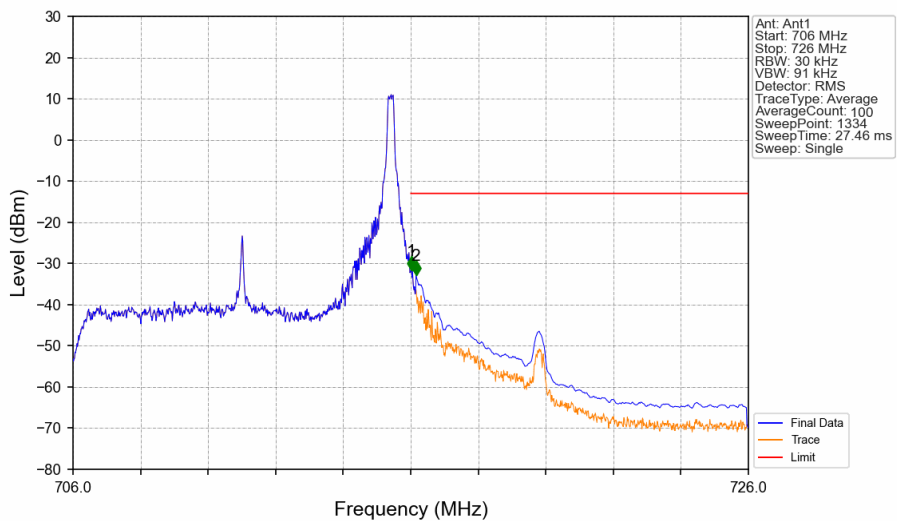
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV

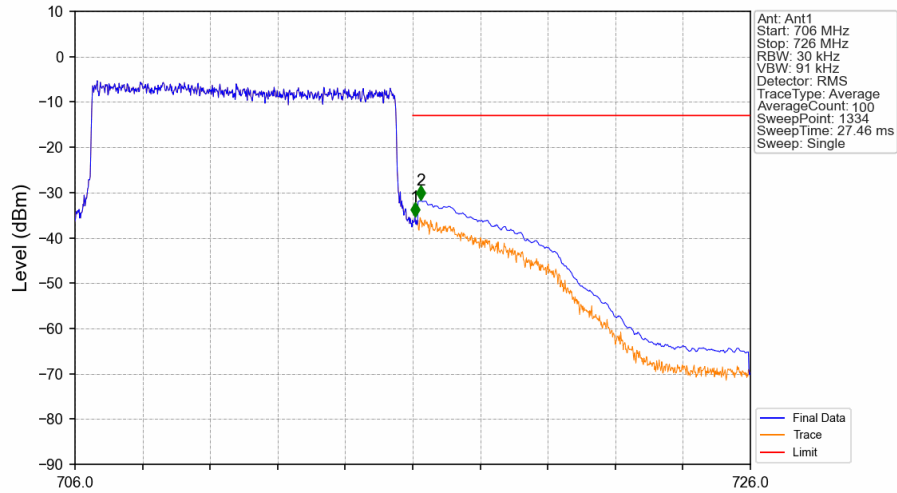


Band17_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV



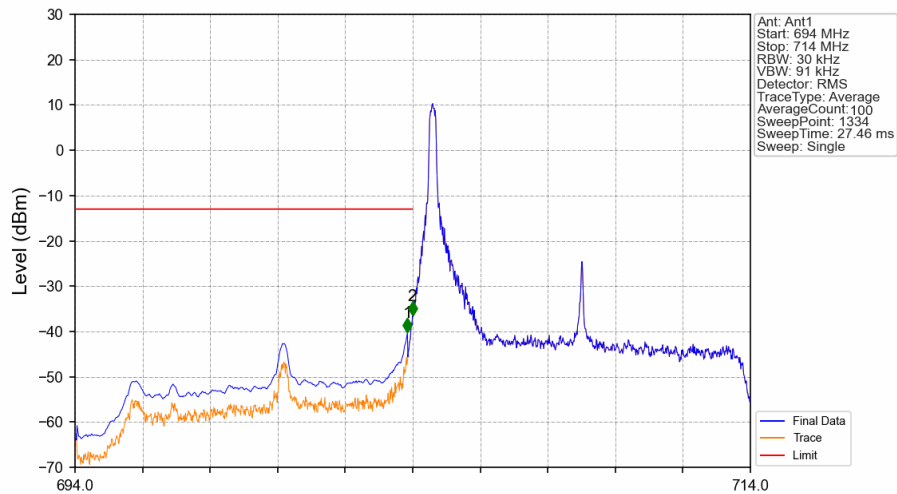
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.023	-31.72	-13	Pass
716.1	726	0.1	CHP	2	716.158	-32.87	-13	Pass

Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



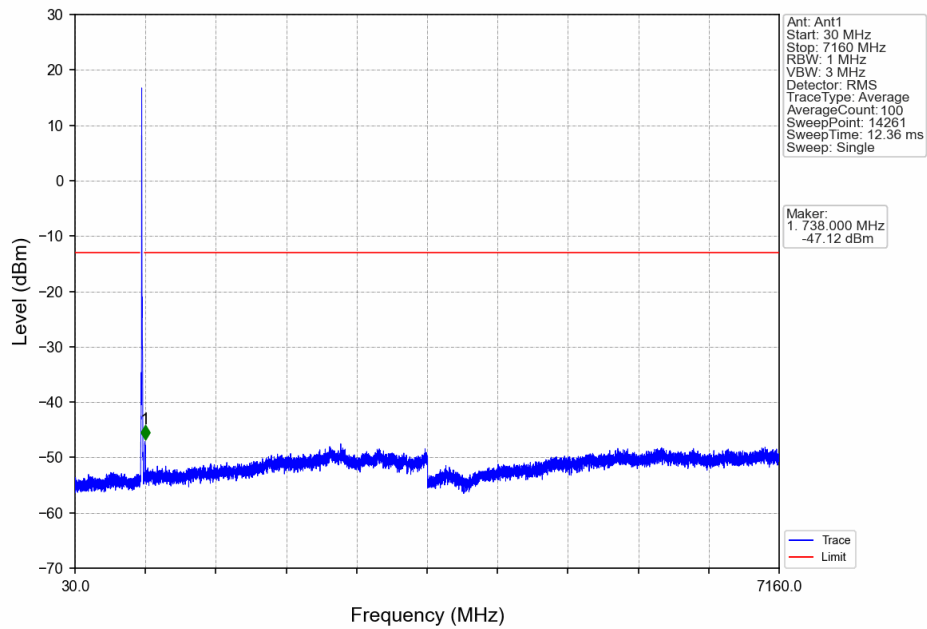
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.068	-35.35	-13	Pass
716.1	726	0.1	CHP	2	716.248	-31.67	-13	Pass

Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV

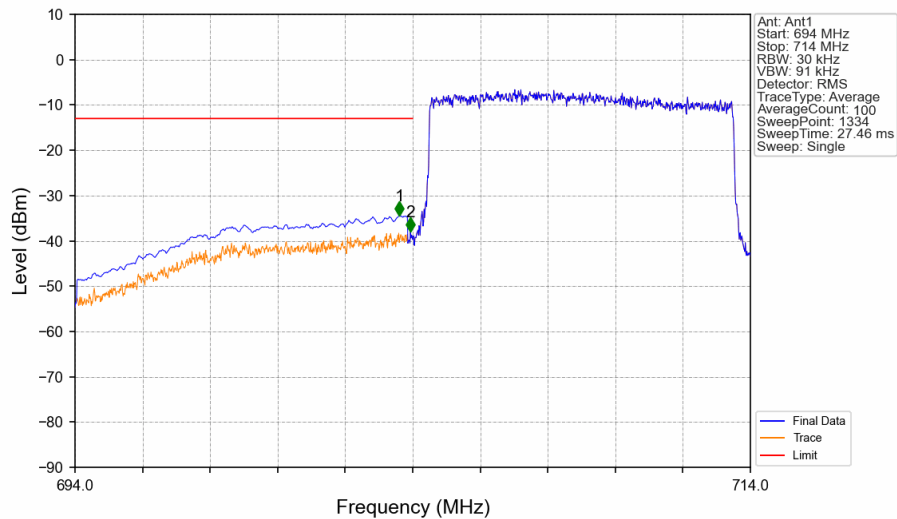


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-40.26	-13	Pass
703.9	704	0.03	/	2	703.992	-36.46	-13	Pass
704	714	0.03	/	/	/	/	/	/

Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV

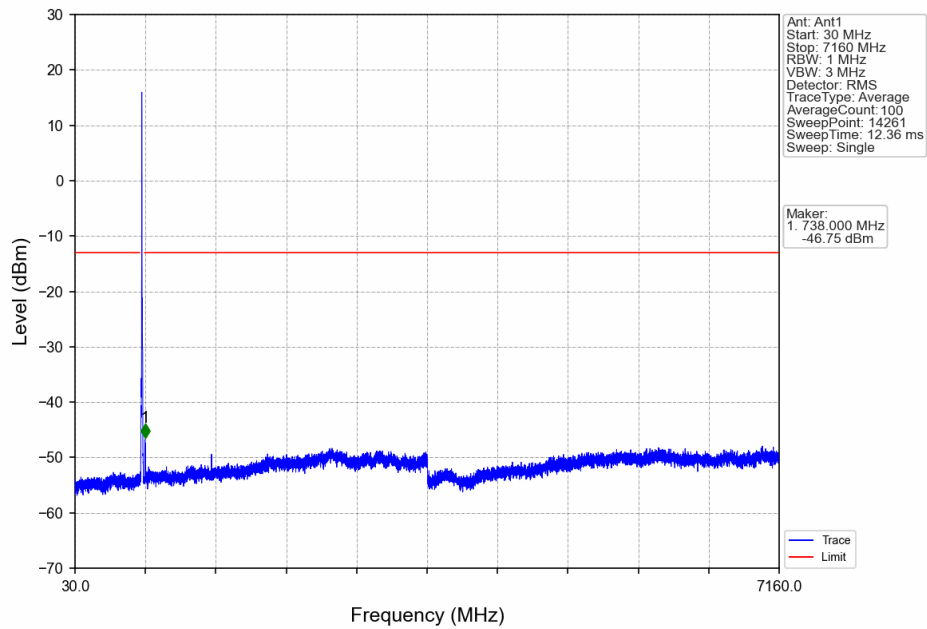


Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV

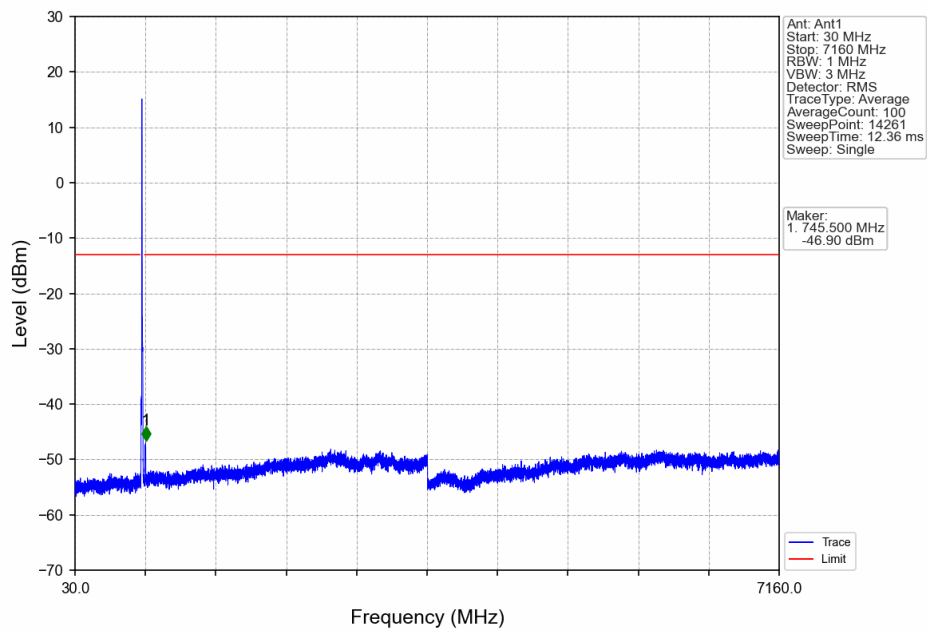


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.602	-34.39	-13	Pass
703.9	704	0.03	/	2	703.932	-38.02	-13	Pass
704	714	0.03	/	/	/	/	/	/

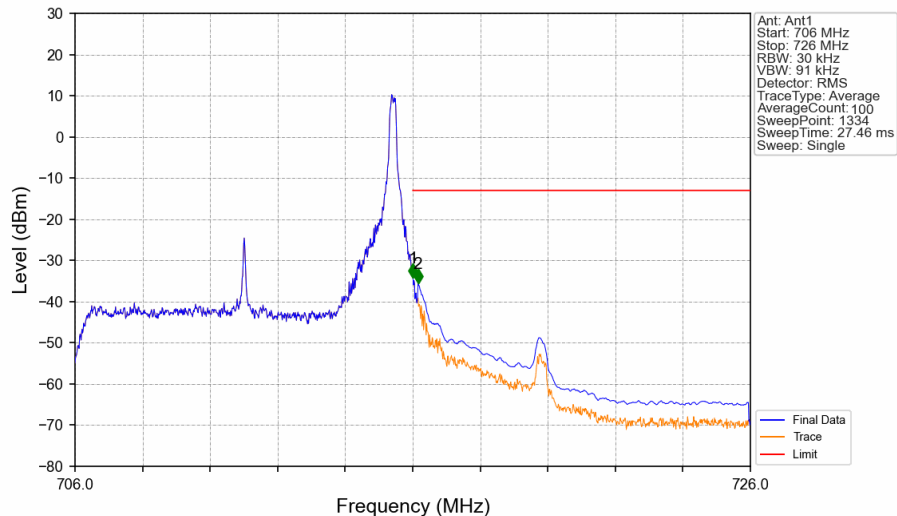
Band17_10MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV

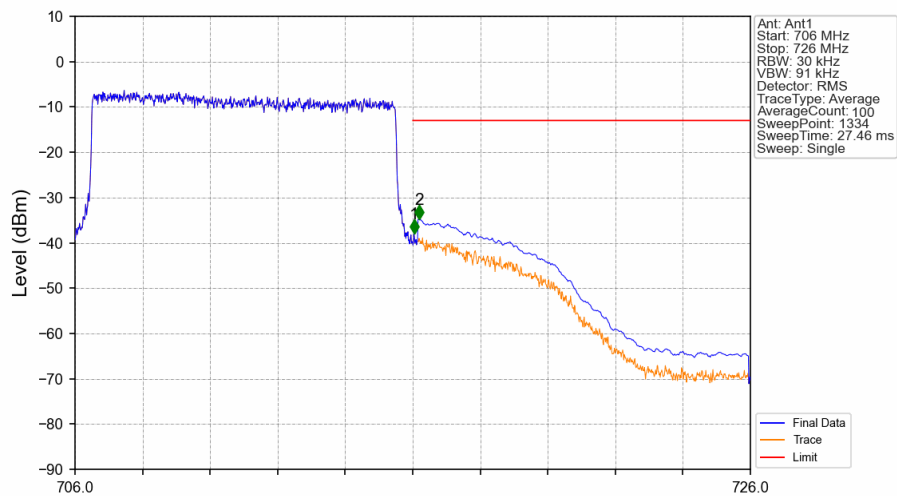


Band17_10MHz_16QAM_HCH_711MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-34.17	-13	Pass
716.1	726	0.1	CHP	2	716.158	-35.56	-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	/	/	/	/	/	/
716	716.1	0.03	/	1	716.038	-37.99	-13	Pass
716.1	726	0.1	CHP	2	716.188	-34.83	-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	0.2704	0.0110	ppm	4M57G7D	27H	24.32
17	5	706.5	713.5	0.2113	0.0112	ppm	4M58W7D	27H	23.25
17	10	709	711	0.2570	0.0099	ppm	9M12G7D	27H	24.10
17	10	709	711	0.2128	0.0087	ppm	9M08W7D	27H	23.28