1. Effective (Isotropic) Radiated Power Output Data

1.1 B17_5MHz_ERP

1.1.1 Test Result

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	21.30	-5.73	13.42	<=34.77	Pass
			13	21.47	-5.73	13.59	<=34.77	Pass
			24	21.39	-5.73	13.51	<=34.77	Pass
		12	0	20.28	-5.73	12.40	<=34.77	Pass
			6	20.45	-5.73	12.57	<=34.77	Pass
			13	20.46	-5.73	12.58	<=34.77	Pass
		25	0	20.37	-5.73	12.49	<=34.77	Pass
	710	1	0	21.32	-5.73	13.44	<=34.77	Pass
			13	21.68	-5.73	13.80	<=34.77	Pass
			24	23.18	-5.73	15.30	<=34.77	Pass
		12	0	20.44	-5.73	12.56	<=34.77	Pass
			6	20.68	-5.73	12.80	<=34.77	Pass
			13	21.30	-5.73	13.42	<=34.77	Pass
		25	0	20.84	-5.73	12.96	<=34.77	Pass
	713.5	1	0	22.39	-5.73	14.51	<=34.77	Pass
			13	24.38	-5.73	16.50	<=34.77	Pass
			24	25.34	-5.73	17.46	<=34.77	Pass
		12	0	22.25	-5.73	14.37	<=34.77	Pass
			6	23.10	-5.73	15.22	<=34.77	Pass
			13	23.87	-5.73	15.99	<=34.77	Pass
		25	0	23.06	-5.73	15.18	<=34.77	Pass
16QAM	706.5	1	0	20.21	-5.73	12.33	<=34.77	Pass
			13	20.36	-5.73	12.48	<=34.77	Pass
			24	20.28	-5.73	12.40	<=34.77	Pass
		12	0	19.28	-5.73	11.40	<=34.77	Pass
			6	19.41	-5.73	11.53	<=34.77	Pass
			13	19.49	-5.73	11.61	<=34.77	Pass
		25	0	19.46	-5.73	11.58	<=34.77	Pass
	710	1	0	20.50	-5.73	12.62	<=34.77	Pass
			13	20.86	-5.73	12.98	<=34.77	Pass
			24	22.23	-5.73	14.35	<=34.77	Pass
		12	0	19.37	-5.73	11.49	<=34.77	Pass
			6	19.69	-5.73	11.81	<=34.77	Pass
			13	20.34	-5.73	12.46	<=34.77	Pass
		25	0	19.90	-5.73	12.02	<=34.77	Pass
	713.5	1	0	21.64	-5.73	13.76	<=34.77	Pass
			13	23.56	-5.73	15.68	<=34.77	Pass
			24	24.41	-5.73	16.53	<=34.77	Pass
		12	0	21.31	-5.73	13.43	<=34.77	Pass
			6	22.12	-5.73	14.24	<=34.77	Pass
			13	22.88	-5.73	15.00	<=34.77	Pass
		25	0	22.06	-5.73	14.18	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.2 B17_10MHz_ERP

1.2.1 Test Result

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	21.37	-5.73	13.49	<=34.77	Pass
			25	21.51	-5.73	13.63	<=34.77	Pass
			49	24.03	-5.73	16.15	<=34.77	Pass
		25	0	20.32	-5.73	12.44	<=34.77	Pass
			13	20.59	-5.73	12.71	<=34.77	Pass
			25	21.13	-5.73	13.25	<=34.77	Pass
		50	0	20.78	-5.73	12.90	<=34.77	Pass
	710	1	0	21.37	-5.73	13.49	<=34.77	Pass
			25	21.55	-5.73	13.67	<=34.77	Pass
			49	24.82	-5.73	16.94	<=34.77	Pass
		25	0	20.33	-5.73	12.45	<=34.77	Pass
			13	20.96	-5.73	13.08	<=34.77	Pass
			25	22.02	-5.73	14.14	<=34.77	Pass
		50	0	21.17	-5.73	13.29	<=34.77	Pass
	711	1	0	21.39	-5.73	13.51	<=34.77	Pass
			25	22.41	-5.73	14.53	<=34.77	Pass
			49	25.34	-5.73	17.46	<=34.77	Pass
		25	0	20.54	-5.73	12.66	<=34.77	Pass
			13	21.48	-5.73	13.60	<=34.77	Pass
			25	22.92	-5.73	15.04	<=34.77	Pass
		50	0	21.68	-5.73	13.80	<=34.77	Pass
16QAM	709	1	0	20.44	-5.73	12.56	<=34.77	Pass
			25	20.55	-5.73	12.67	<=34.77	Pass
			49	22.96	-5.73	15.08	<=34.77	Pass
		25	0	19.45	-5.73	11.57	<=34.77	Pass
			13	19.70	-5.73	11.82	<=34.77	Pass
			25	20.27	-5.73	12.39	<=34.77	Pass
		50	0	19.80	-5.73	11.92	<=34.77	Pass
	710	1	0	20.58	-5.73	12.70	<=34.77	Pass
			25	20.78	-5.73	12.90	<=34.77	Pass
			49	23.91	-5.73	16.03	<=34.77	Pass
		25	0	19.42	-5.73	11.54	<=34.77	Pass
			13	20.01	-5.73	12.13	<=34.77	Pass
			25	21.12	-5.73	13.24	<=34.77	Pass
		50	0	20.20	-5.73	12.32	<=34.77	Pass
	711	1	0	21.02	-5.73	13.14	<=34.77	Pass
			25	21.97	-5.73	14.09	<=34.77	Pass
			49	24.68	-5.73	16.80	<=34.77	Pass
		25	0	19.65	-5.73	11.77	<=34.77	Pass
			13	20.63	-5.73	12.75	<=34.77	Pass
			25	21.96	-5.73	14.08	<=34.77	Pass
		50	0	20.78	-5.73	12.90	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

2. Frequency Stability

2.1 B17_5MHz

2.1.1 Test Result

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	-12.131	-0.0172	-2.5 to 2.5	Pass
					3.85	5.908	0.0084	-2.5 to 2.5	Pass
					4.43	7.052	0.0100	-2.5 to 2.5	Pass
				-30	3.85	0.629	0.0009	-2.5 to 2.5	Pass
				-20	3.85	6.495	0.0092	-2.5 to 2.5	Pass
				-10	3.85	-3.004	-0.0043	-2.5 to 2.5	Pass
				0	3.85	1.259	0.0018	-2.5 to 2.5	Pass
				10	3.85	2.017	0.0029	-2.5 to 2.5	Pass
				30	3.85	-1.416	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-1.059	-0.0015	-2.5 to 2.5	Pass
				50	3.85	2.618	0.0037	-2.5 to 2.5	Pass
	710	25	0	20	3.27	-2.503	-0.0035	-2.5 to 2.5	Pass
					3.85	-0.315	-0.0004	-2.5 to 2.5	Pass
					4.43	1.588	0.0022	-2.5 to 2.5	Pass
				-30	3.85	-0.358	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	3.090	0.0044	-2.5 to 2.5	Pass
				-10	3.85	2.375	0.0033	-2.5 to 2.5	Pass
				0	3.85	2.360	0.0033	-2.5 to 2.5	Pass
				10	3.85	-0.644	-0.0009	-2.5 to 2.5	Pass
				30	3.85	0.930	0.0013	-2.5 to 2.5	Pass
				40	3.85	-1.903	-0.0027	-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	-12.288	-0.0172	-2.5 to 2.5	Pass
					3.85	3.648	0.0051	-2.5 to 2.5	Pass
					4.43	2.346	0.0033	-2.5 to 2.5	Pass
				-30	3.85	4.807	0.0067	-2.5 to 2.5	Pass
				-20	3.85	1.788	0.0025	-2.5 to 2.5	Pass
				-10	3.85	-2.275	-0.0032	-2.5 to 2.5	Pass
				0	3.85	0.601	0.0008	-2.5 to 2.5	Pass
				10	3.85	-2.289	-0.0032	-2.5 to 2.5	Pass
				30	3.85	2.003	0.0028	-2.5 to 2.5	Pass
				40	3.85	-0.687	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-0.486	-0.0007	-2.5 to 2.5	Pass
16QAM	706.5	25	0	20	3.27	0.186	0.0003	-2.5 to 2.5	Pass
					3.85	-0.629	-0.0009	-2.5 to 2.5	Pass
					4.43	-3.734	-0.0053	-2.5 to 2.5	Pass
				-30	3.85	0.486	0.0007	-2.5 to 2.5	Pass
				-20	3.85	1.760	0.0025	-2.5 to 2.5	Pass
				-10	3.85	-2.947	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-0.658	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-1.516	-0.0021	-2.5 to 2.5	Pass
				30	3.85	0.286	0.0004	-2.5 to 2.5	Pass
				40	3.85	2.217	0.0031	-2.5 to 2.5	Pass
				50	3.85	0.072	0.0001	-2.5 to 2.5	Pass
	710	25	0	20	3.27	0.844	0.0012	-2.5 to 2.5	Pass
					3.85	2.403	0.0034	-2.5 to 2.5	Pass
					4.43	-4.206	-0.0059	-2.5 to 2.5	Pass
				-30	3.85	-1.903	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-2.546	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	-1.888	-0.0027	-2.5 to 2.5	Pass
				0	3.85	1.087	0.0015	-2.5 to 2.5	Pass
				10	3.85	-1.388	-0.0020	-2.5 to 2.5	Pass
				30	3.85	0.901	0.0013	-2.5 to 2.5	Pass
				40	3.85	-4.377	-0.0062	-2.5 to 2.5	Pass

				50	3.85	-1.359	-0.0019	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-2.074	-0.0029	-2.5 to 2.5	Pass
					3.85	-4.320	-0.0061	-2.5 to 2.5	Pass
					4.43	-3.090	-0.0043	-2.5 to 2.5	Pass
				-30	3.85	-3.304	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-0.687	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	0.072	0.0001	-2.5 to 2.5	Pass
				0	3.85	-1.974	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-1.245	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-1.144	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-0.343	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-0.715	-0.0010	-2.5 to 2.5	Pass

2.2 B17_10MHz

2.2.1 Test Result

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	-1.359	-0.0019	-2.5 to 2.5	Pass
					3.85	3.219	0.0045	-2.5 to 2.5	Pass
					4.43	0.873	0.0012	-2.5 to 2.5	Pass
				-30	3.85	2.289	0.0032	-2.5 to 2.5	Pass
				-20	3.85	1.559	0.0022	-2.5 to 2.5	Pass
				-10	3.85	-0.057	-0.0001	-2.5 to 2.5	Pass
				0	3.85	2.217	0.0031	-2.5 to 2.5	Pass
				10	3.85	0.014	0.0000	-2.5 to 2.5	Pass
				30	3.85	1.273	0.0018	-2.5 to 2.5	Pass
				40	3.85	0.429	0.0006	-2.5 to 2.5	Pass
				50	3.85	-1.030	-0.0015	-2.5 to 2.5	Pass
	710	50	0	20	3.27	-1.388	-0.0020	-2.5 to 2.5	Pass
					3.85	0.358	0.0005	-2.5 to 2.5	Pass
					4.43	2.475	0.0035	-2.5 to 2.5	Pass
				-30	3.85	2.904	0.0041	-2.5 to 2.5	Pass
				-20	3.85	2.046	0.0029	-2.5 to 2.5	Pass
				-10	3.85	1.903	0.0027	-2.5 to 2.5	Pass
				0	3.85	2.060	0.0029	-2.5 to 2.5	Pass
				10	3.85	-0.672	-0.0009	-2.5 to 2.5	Pass
				30	3.85	0.443	0.0006	-2.5 to 2.5	Pass
				40	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				50	3.85	0.501	0.0007	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-2.918	-0.0041	-2.5 to 2.5	Pass
					3.85	1.187	0.0017	-2.5 to 2.5	Pass
					4.43	-0.229	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	0.572	0.0008	-2.5 to 2.5	Pass
				-20	3.85	3.476	0.0049	-2.5 to 2.5	Pass
				-10	3.85	0.887	0.0012	-2.5 to 2.5	Pass
				0	3.85	1.173	0.0016	-2.5 to 2.5	Pass
				10	3.85	0.472	0.0007	-2.5 to 2.5	Pass
				30	3.85	0.401	0.0006	-2.5 to 2.5	Pass
				40	3.85	0.558	0.0008	-2.5 to 2.5	Pass
				50	3.85	0.815	0.0011	-2.5 to 2.5	Pass
16QAM	709	50	0	20	3.27	-1.459	-0.0021	-2.5 to 2.5	Pass
					3.85	0.443	0.0006	-2.5 to 2.5	Pass

					4.43	-0.515	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-0.458	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-0.515	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-0.544	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-1.116	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-0.987	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-0.172	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-0.443	-0.0006	-2.5 to 2.5	Pass
				50	3.85	0.615	0.0009	-2.5 to 2.5	Pass
	710	50	0	20	3.27	-0.114	-0.0002	-2.5 to 2.5	Pass
					3.85	-1.717	-0.0024	-2.5 to 2.5	Pass
					4.43	-2.246	-0.0032	-2.5 to 2.5	Pass
				-30	3.85	-0.286	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-1.273	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-0.329	-0.0005	-2.5 to 2.5	Pass
				0	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				10	3.85	0.615	0.0009	-2.5 to 2.5	Pass
				30	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				40	3.85	0.815	0.0011	-2.5 to 2.5	Pass
				50	3.85	1.774	0.0025	-2.5 to 2.5	Pass
	711	50	0	20	3.27	0.687	0.0010	-2.5 to 2.5	Pass
					3.85	-2.375	-0.0033	-2.5 to 2.5	Pass
					4.43	-2.189	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-1.130	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	1.402	0.0020	-2.5 to 2.5	Pass
				-10	3.85	1.845	0.0026	-2.5 to 2.5	Pass
				0	3.85	1.030	0.0014	-2.5 to 2.5	Pass
				10	3.85	-0.272	-0.0004	-2.5 to 2.5	Pass
				30	3.85	1.302	0.0018	-2.5 to 2.5	Pass
				40	3.85	-0.644	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-0.029	0.0000	-2.5 to 2.5	Pass

3. Modulation Characteristics

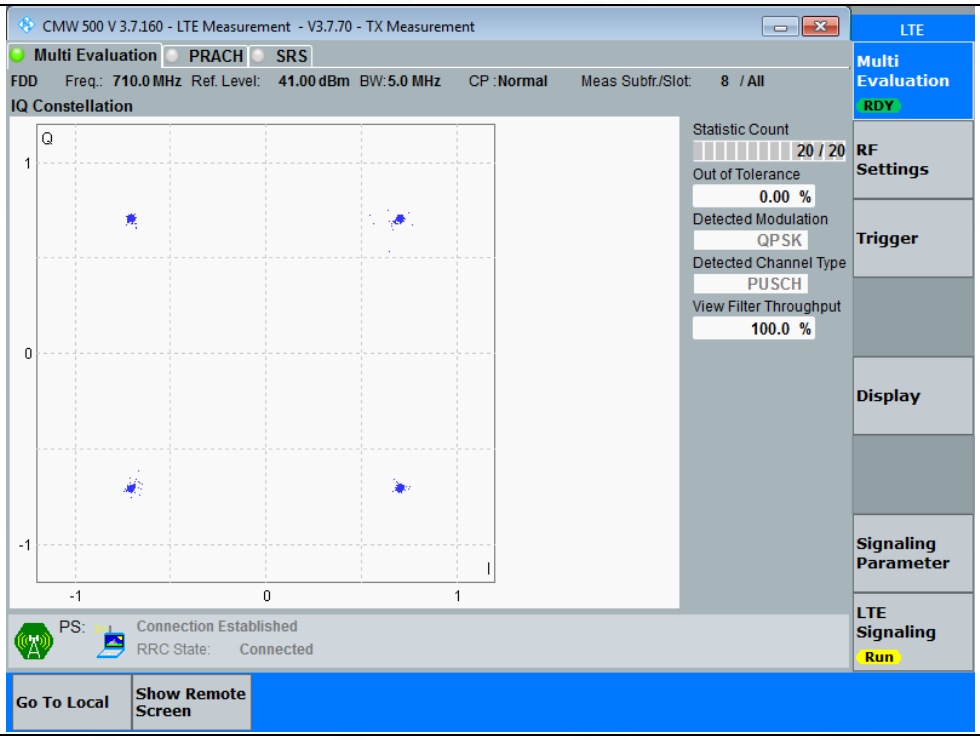
3.1 B17_5MHz

3.1.1 Test Result

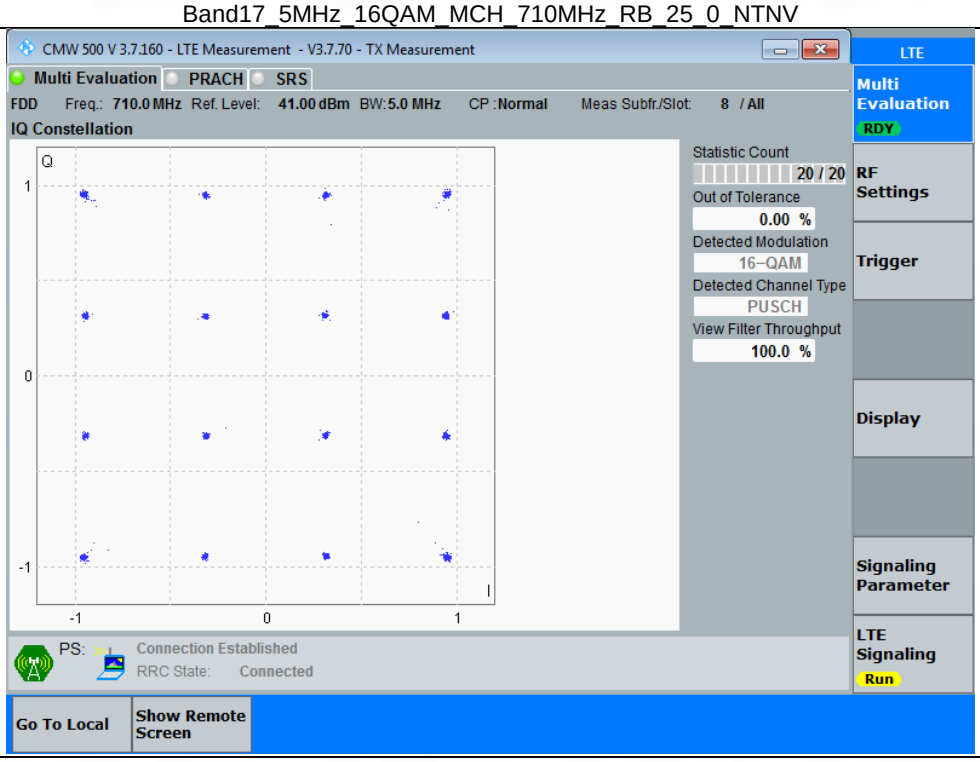
Band: 17 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	710	25	0	Refer To Test Graph		Pass
16QAM	710	25	0	Refer To Test Graph		Pass

3.1.2 Test Graph

Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



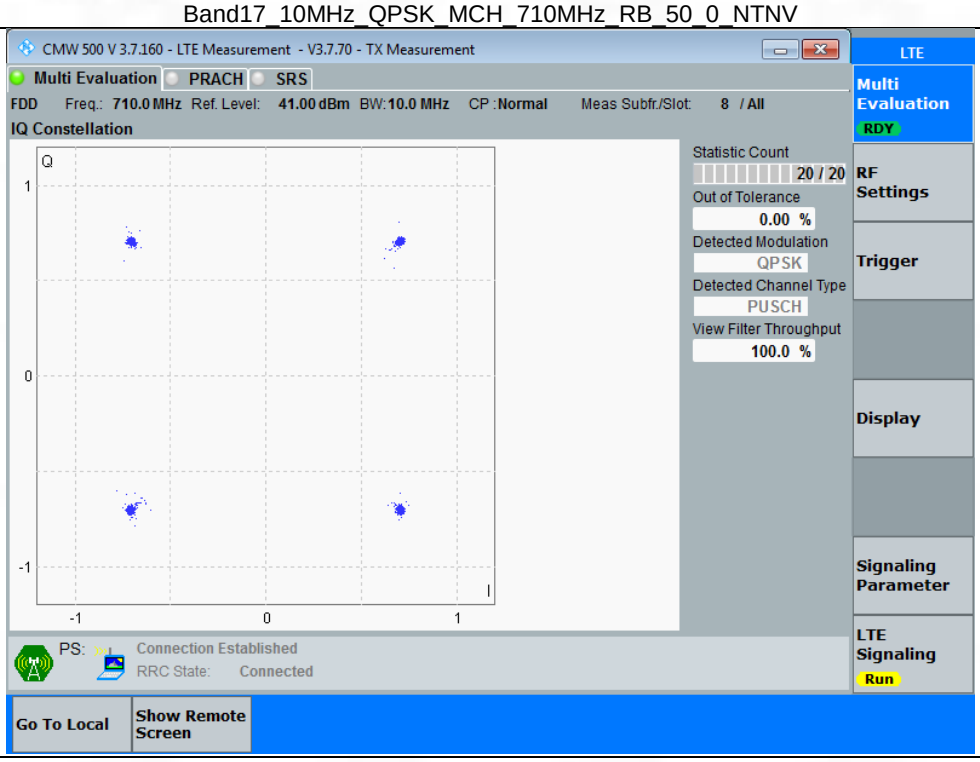
3.2 B17_10MHz

3.2.1 Test Result

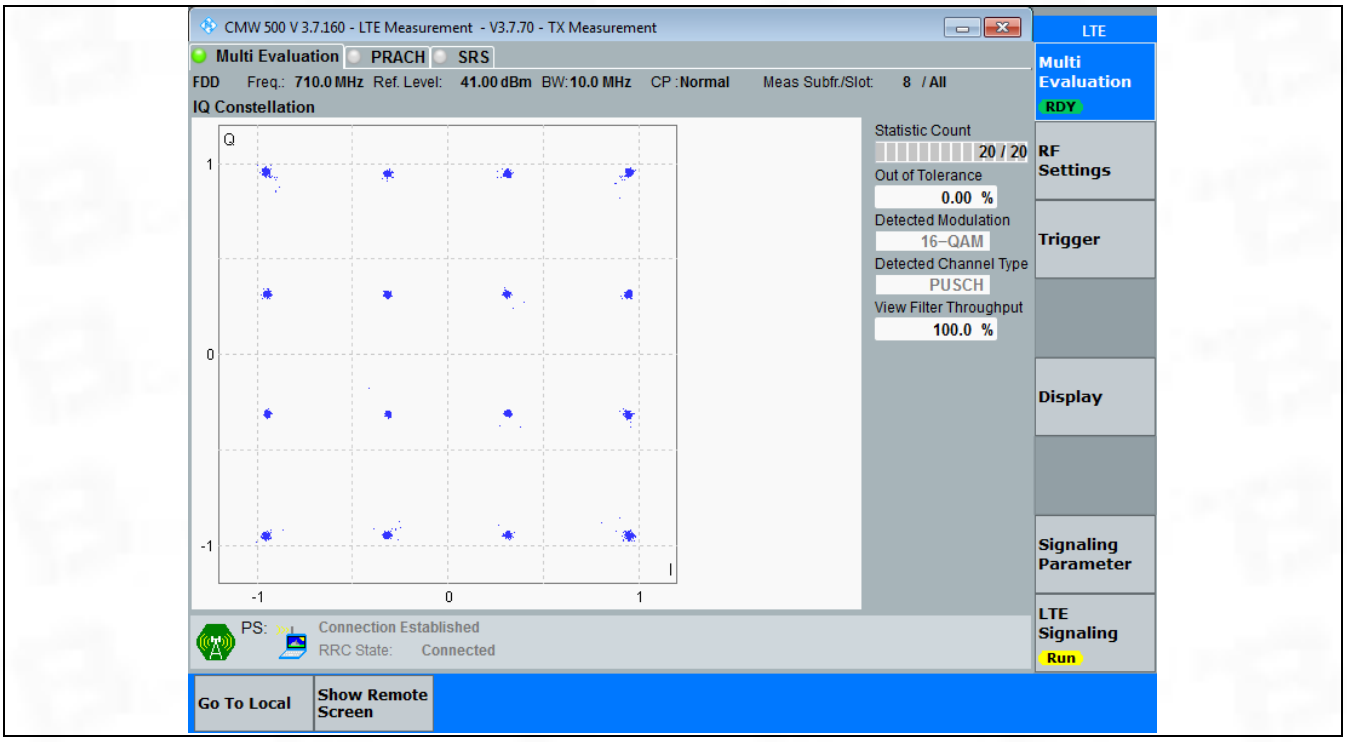
Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	710	50	0	Refer To Test Graph		Pass
16QAM	710	50	0	Refer To Test Graph		Pass

3.2.2 Test Graph

Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



4. 99% & 26dB Bandwidth

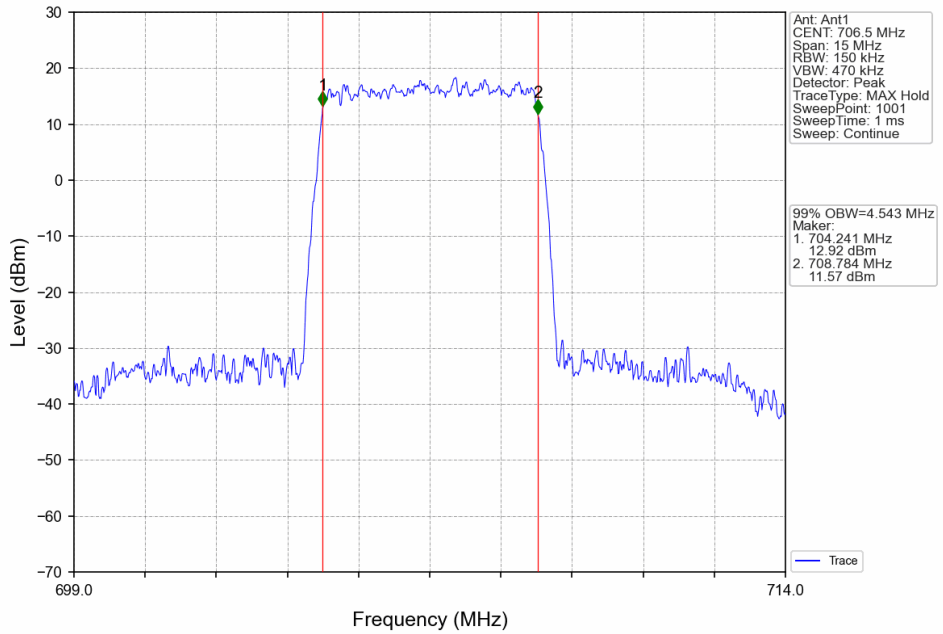
4.1 Band17_OBW

4.1.1 Test Result

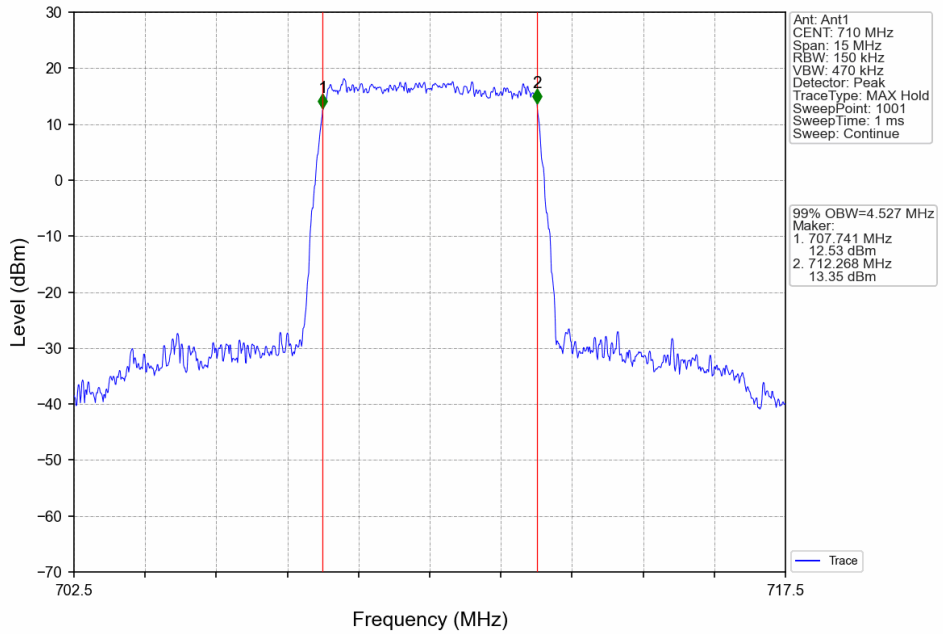
Band: 17 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	706.5	25	0	4.543	Pass
		710	25	0	4.527	Pass
		713.5	25	0	4.562	Pass
	16QAM	706.5	25	0	4.532	Pass
		710	25	0	4.534	Pass
		713.5	25	0	4.576	Pass
10	QPSK	709	50	0	8.993	Pass
		710	50	0	8.992	Pass
		711	50	0	9.049	Pass
	16QAM	709	50	0	9.013	Pass
		710	50	0	8.994	Pass
		711	50	0	9.037	Pass

4.1.2 Test Graph

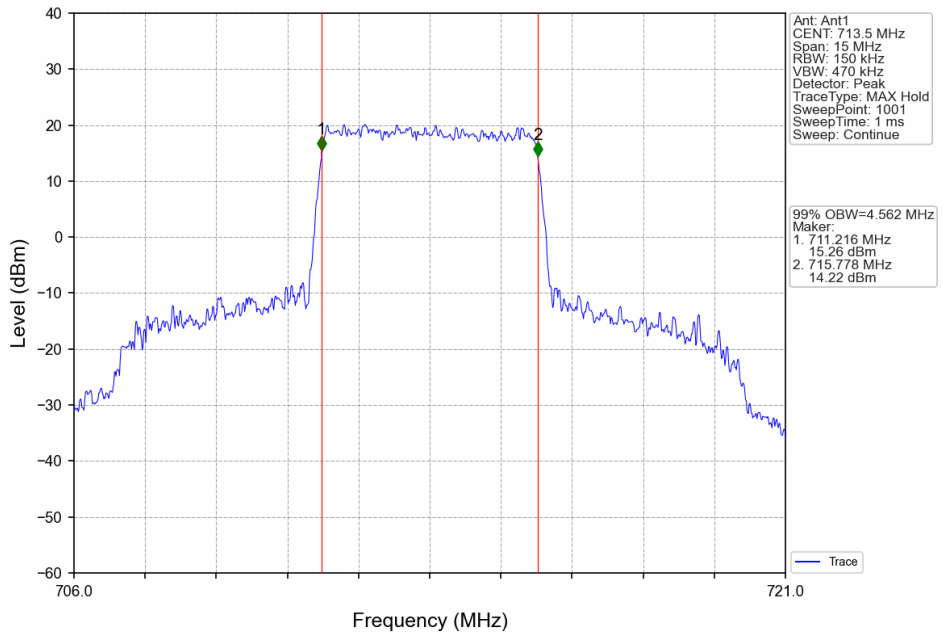
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



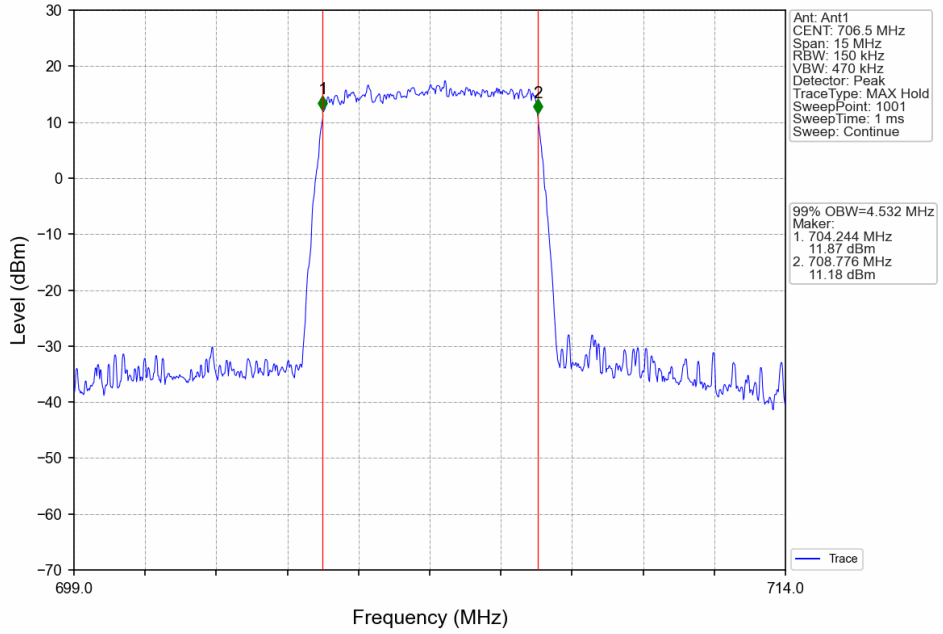
Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



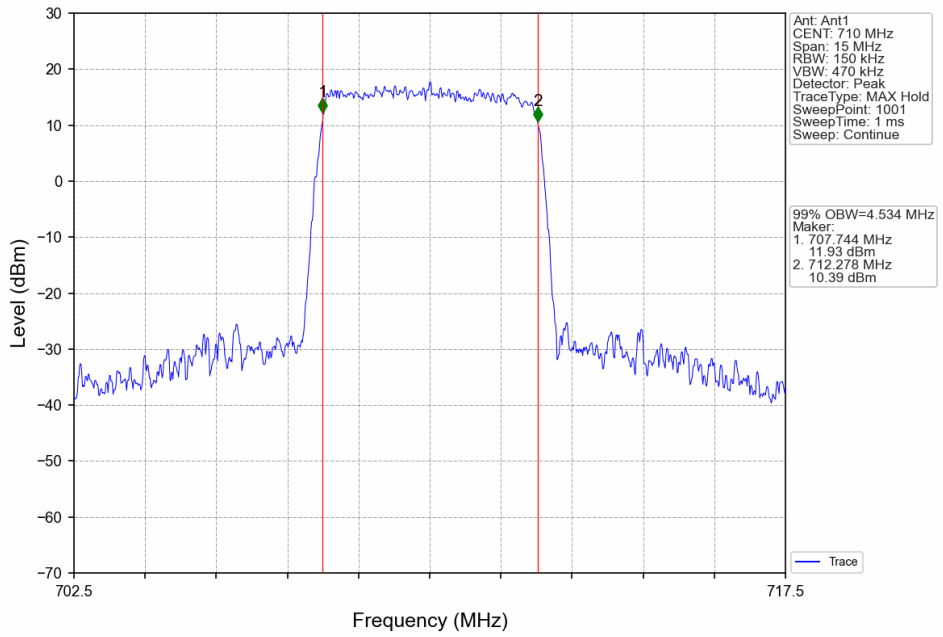
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



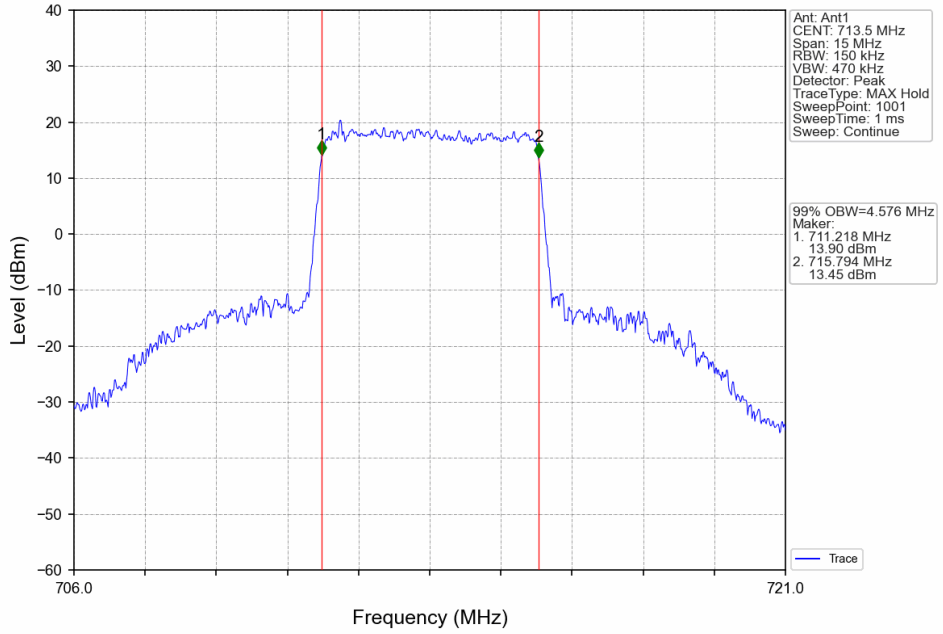
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



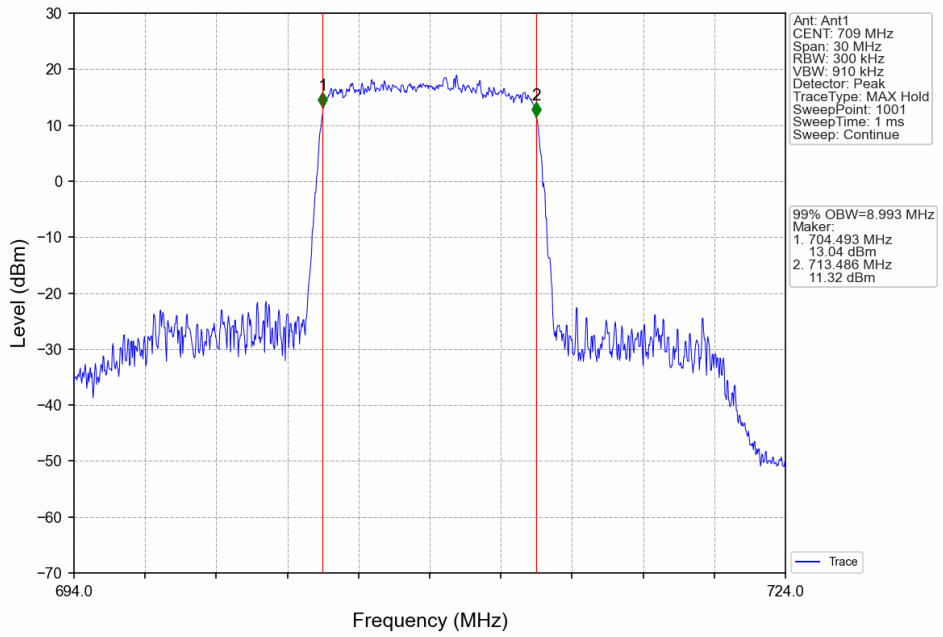
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



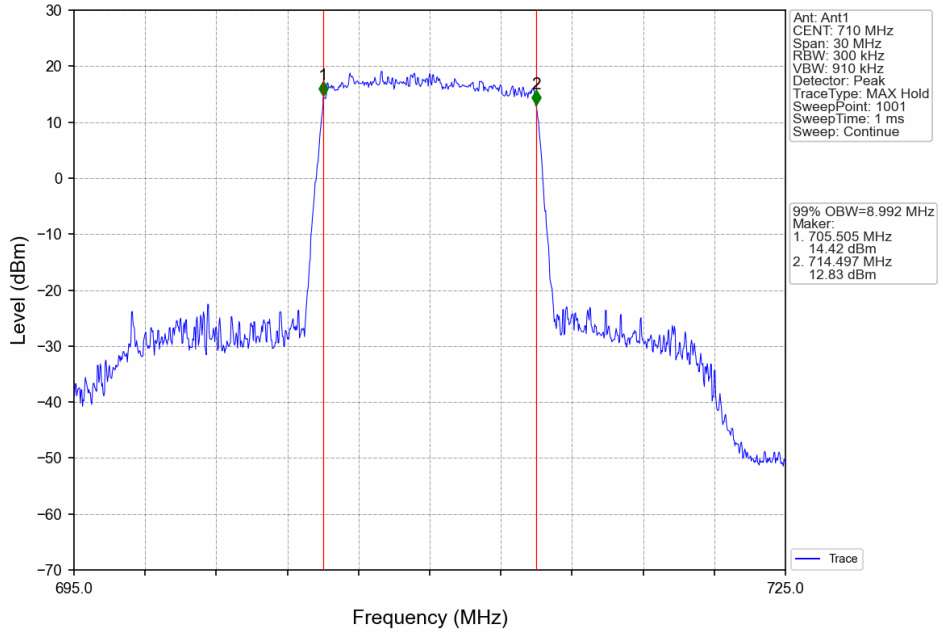
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



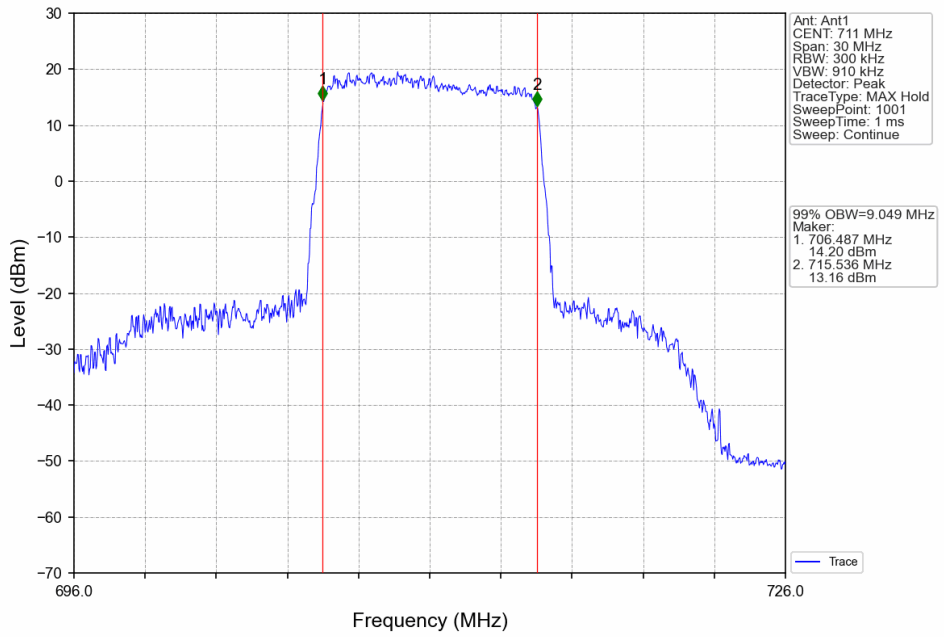
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



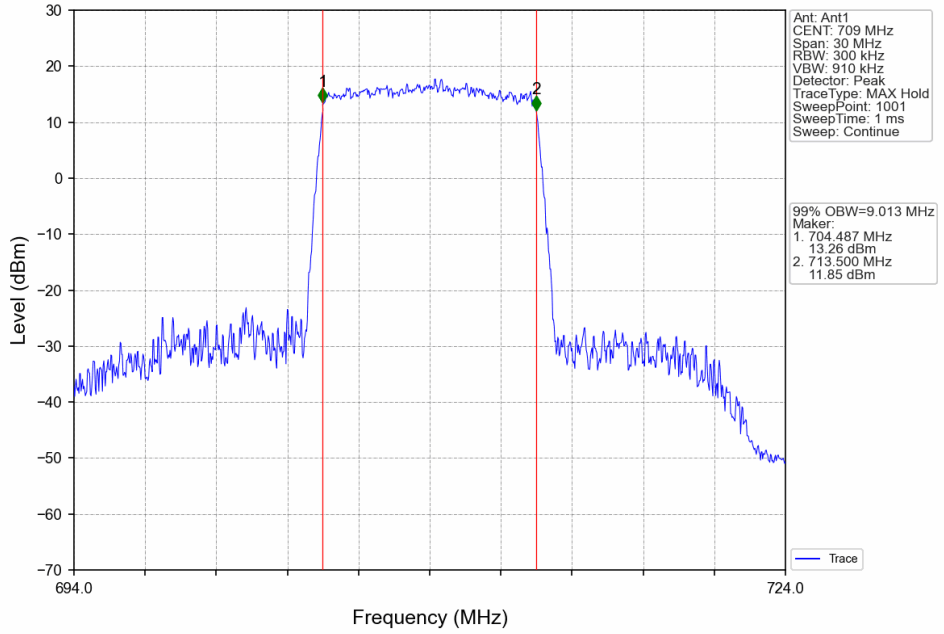
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



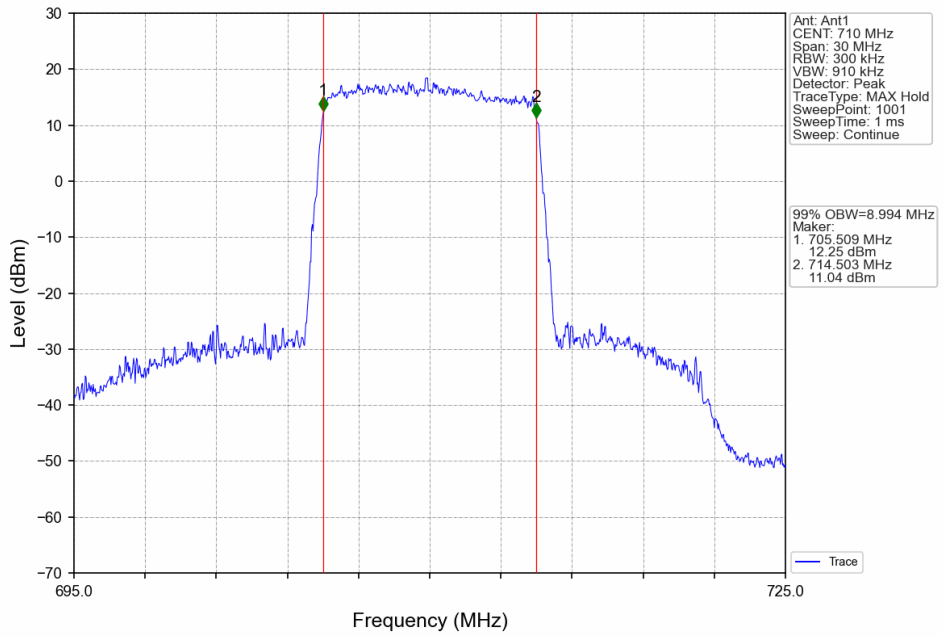
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



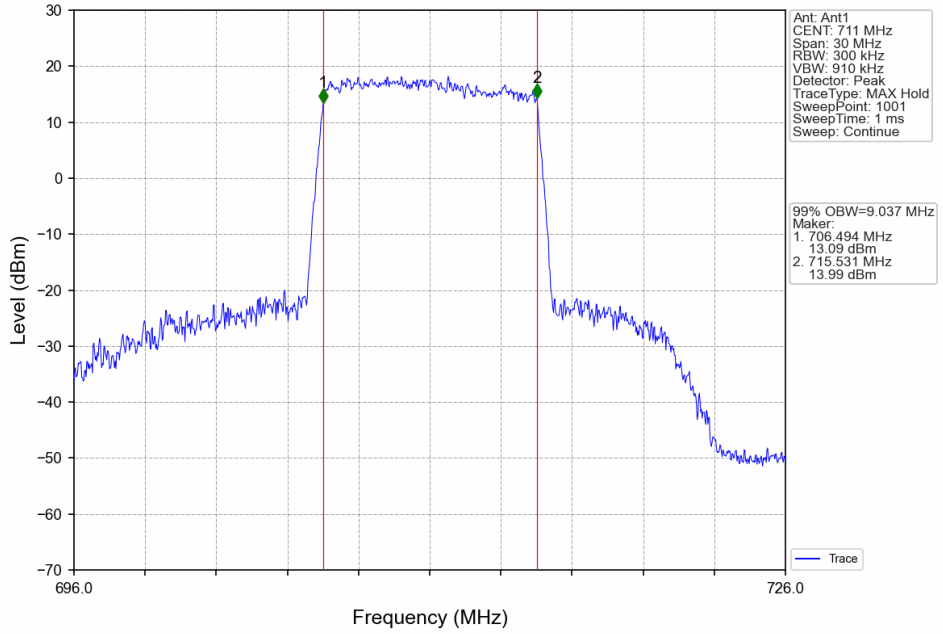
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



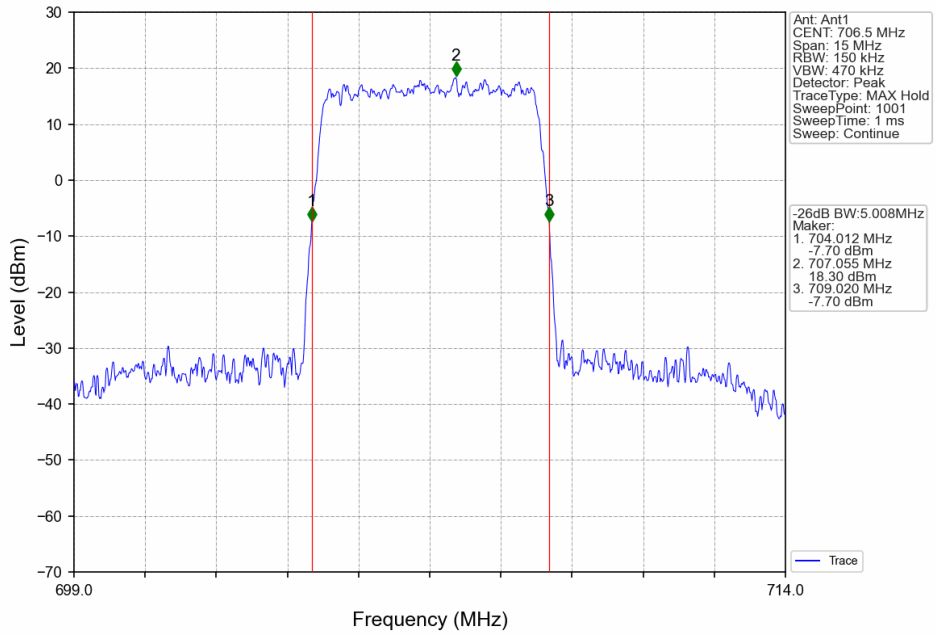
4.2 Band17_XDB

4.2.1 Test Result

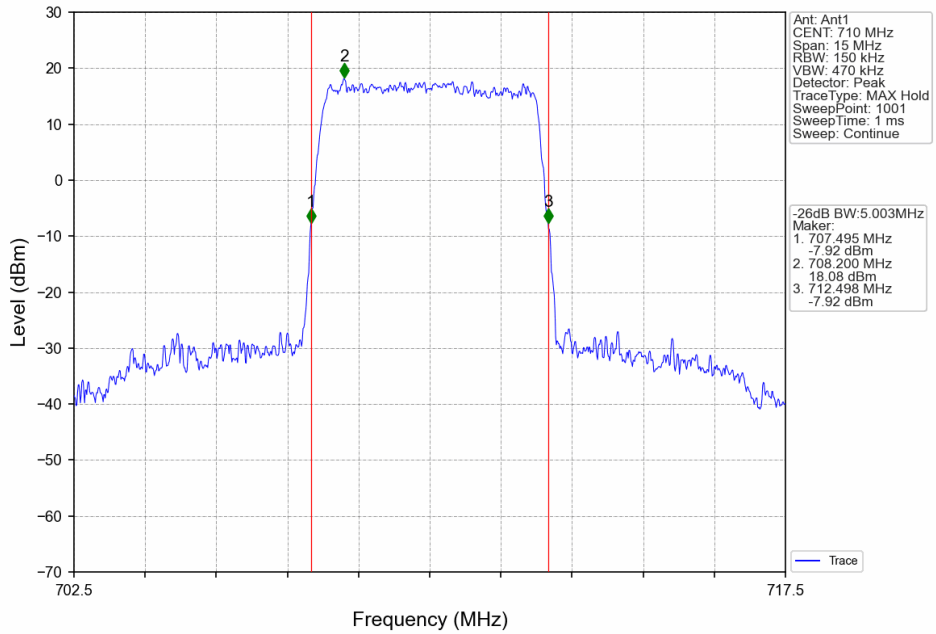
Band: 17 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	706.5	25	0	5.008	Pass
		710	25	0	5.003	Pass
		713.5	25	0	5.020	Pass
	16QAM	706.5	25	0	4.991	Pass
		710	25	0	4.988	Pass
		713.5	25	0	4.993	Pass
10	QPSK	709	50	0	9.830	Pass
		710	50	0	9.845	Pass
		711	50	0	9.966	Pass
	16QAM	709	50	0	9.825	Pass
		710	50	0	9.812	Pass
		711	50	0	9.889	Pass

4.2.2 Test Graph

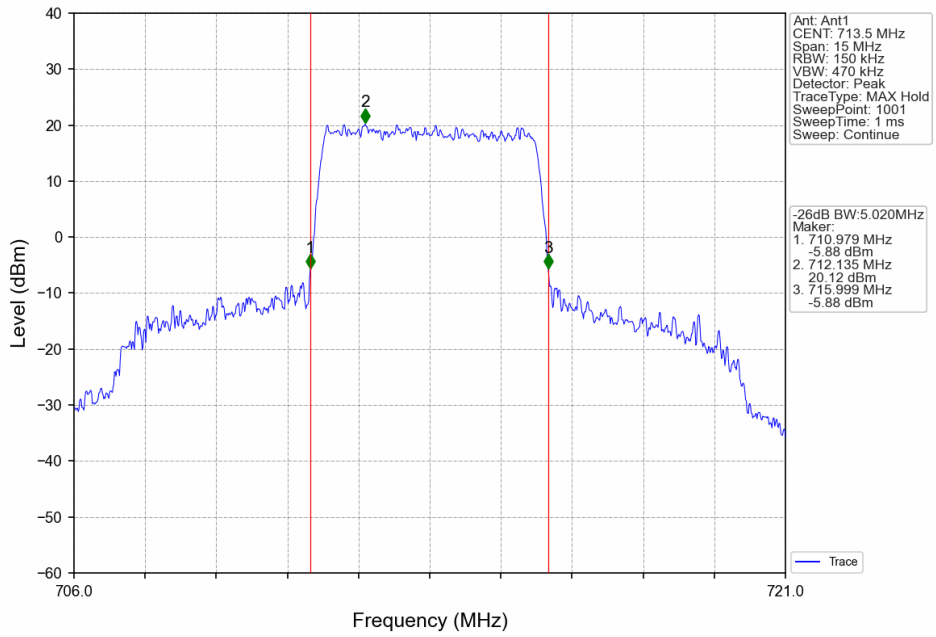
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



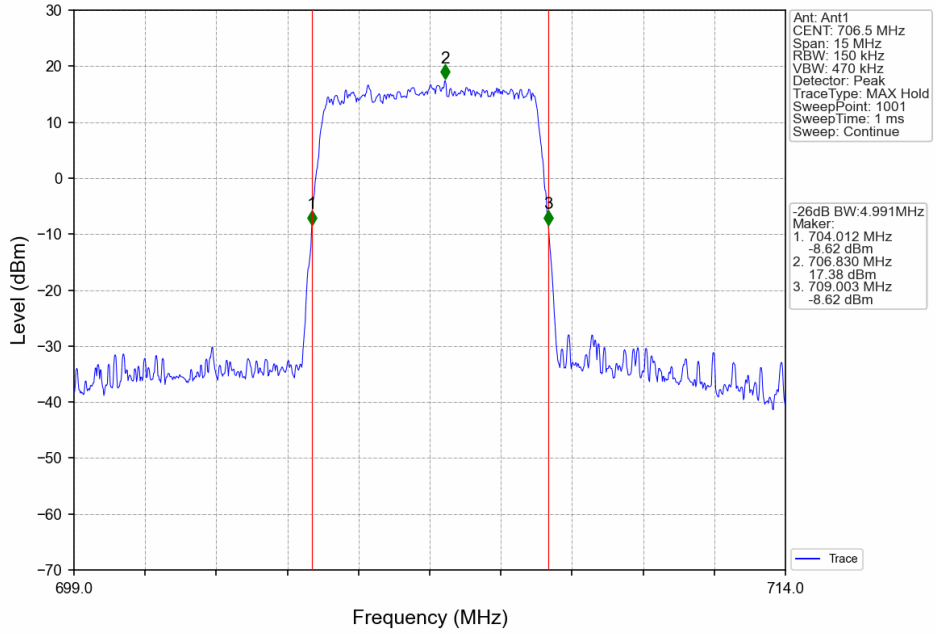
Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



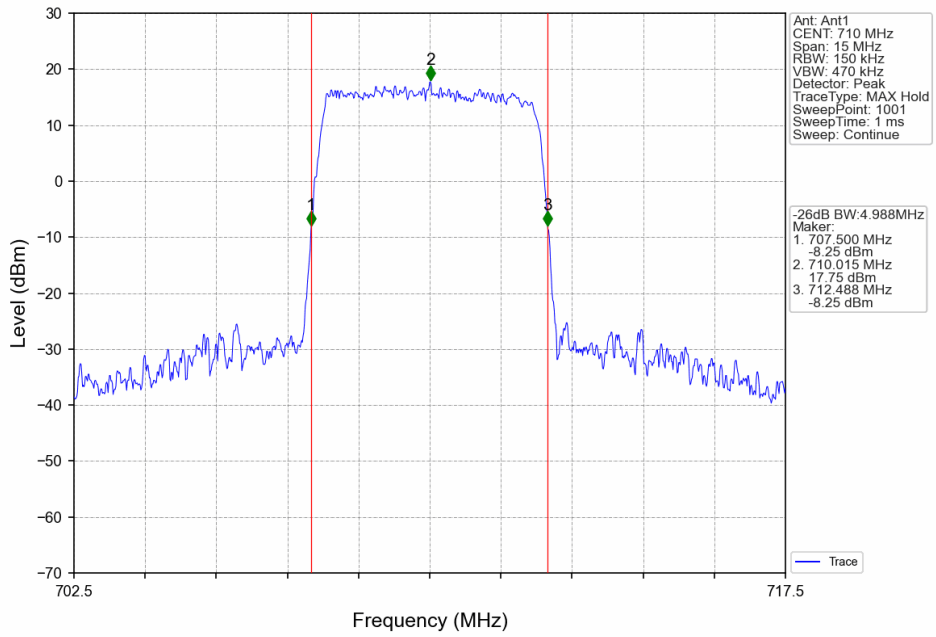
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



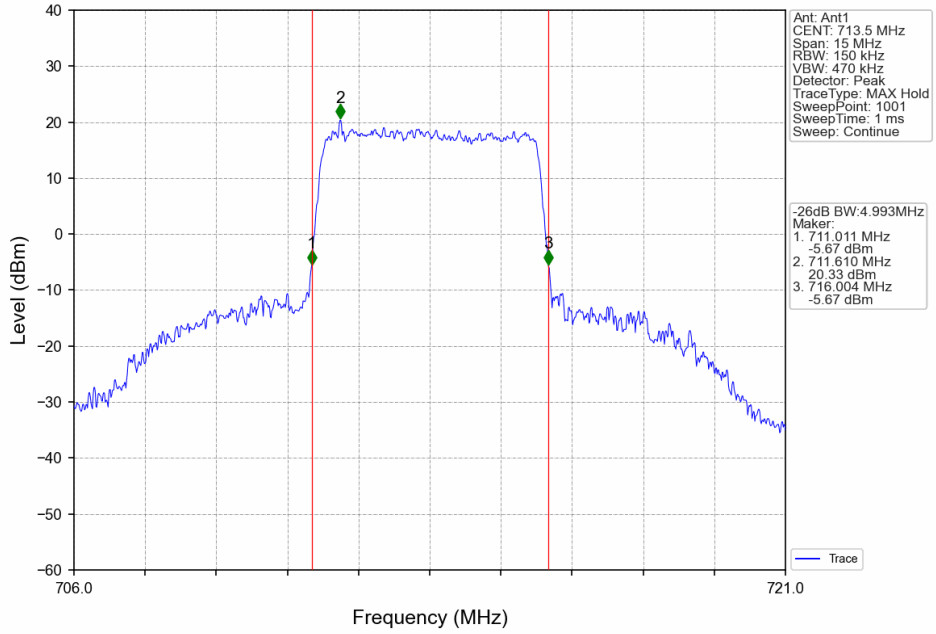
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



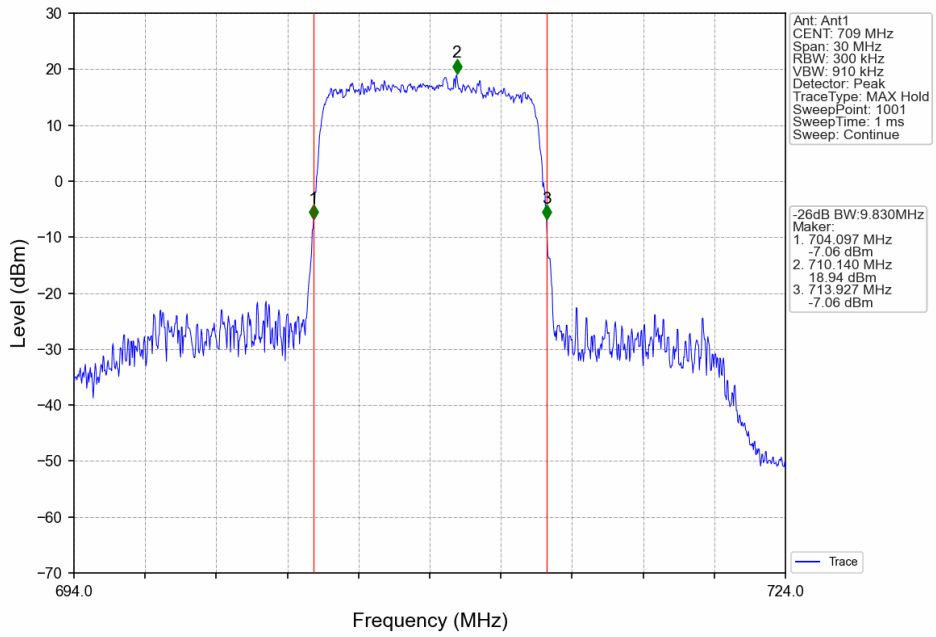
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



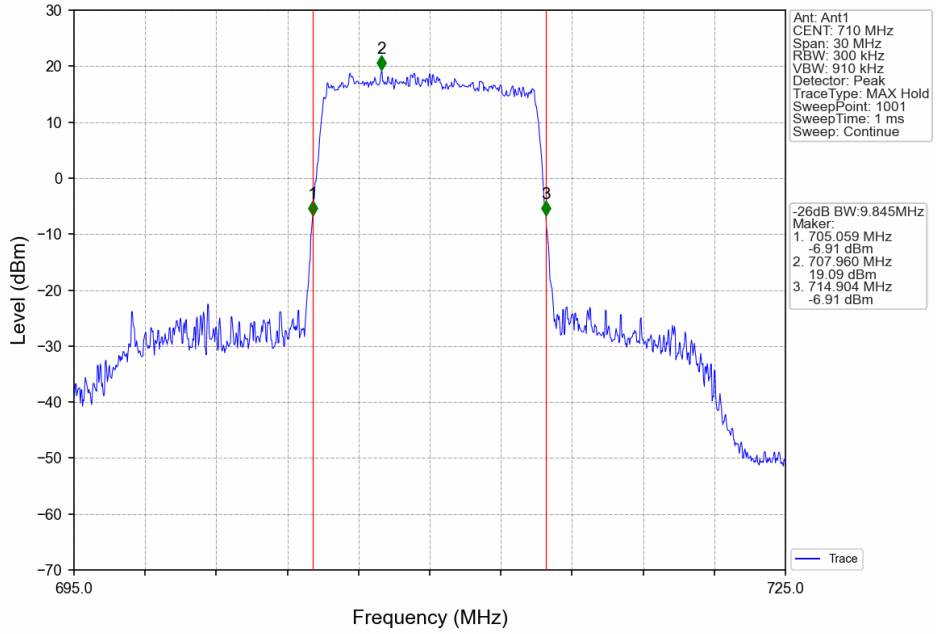
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



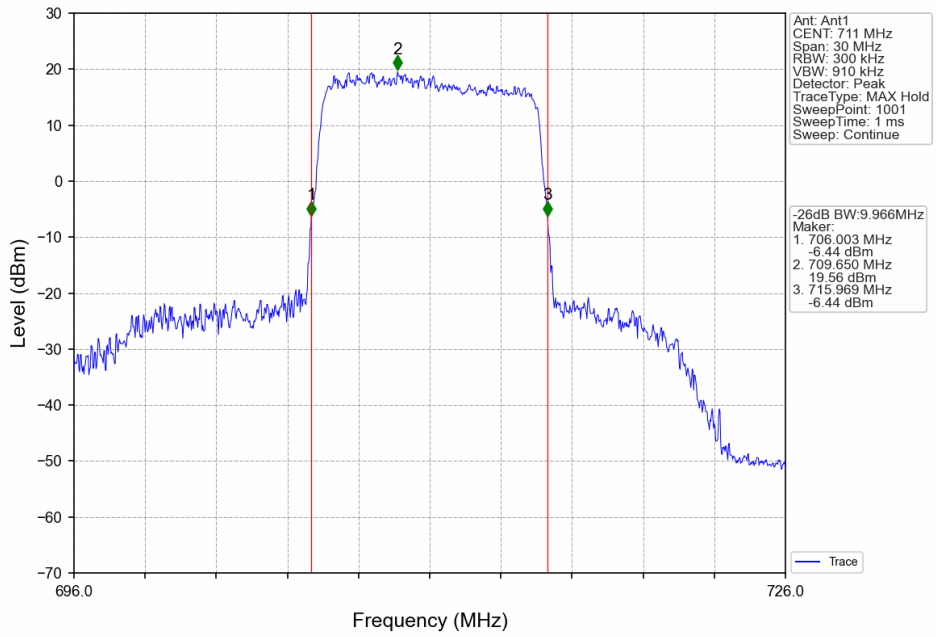
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



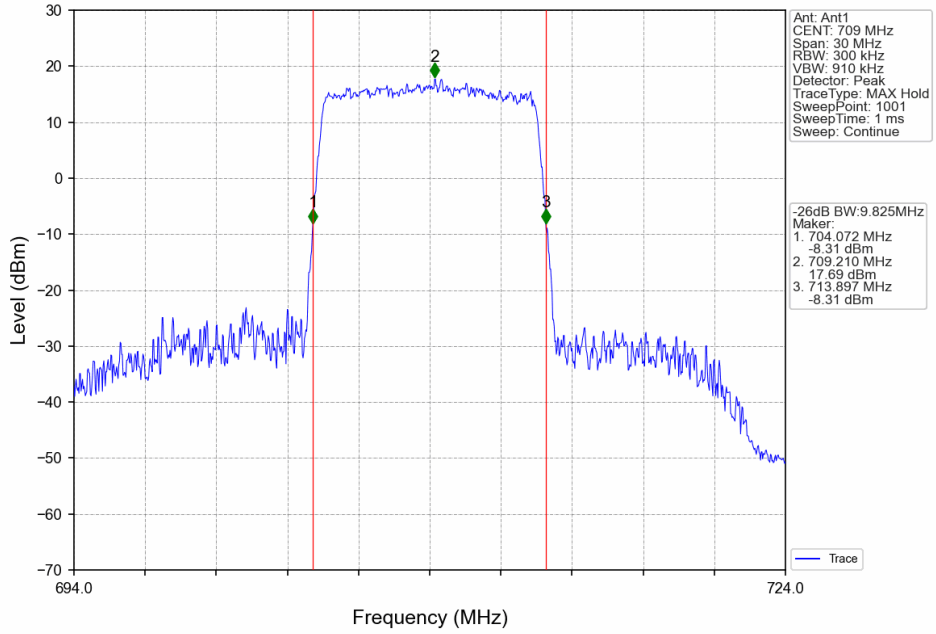
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



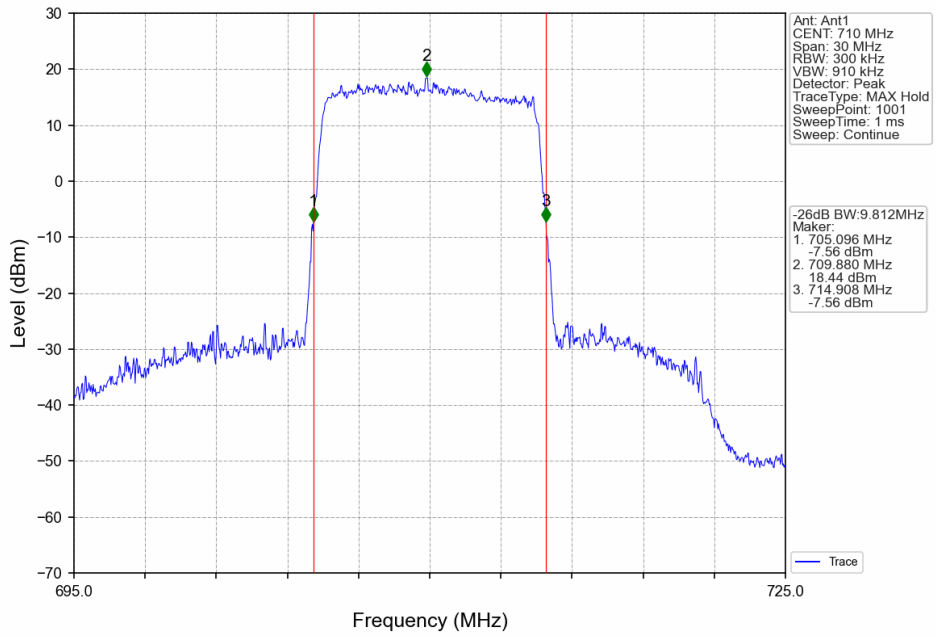
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



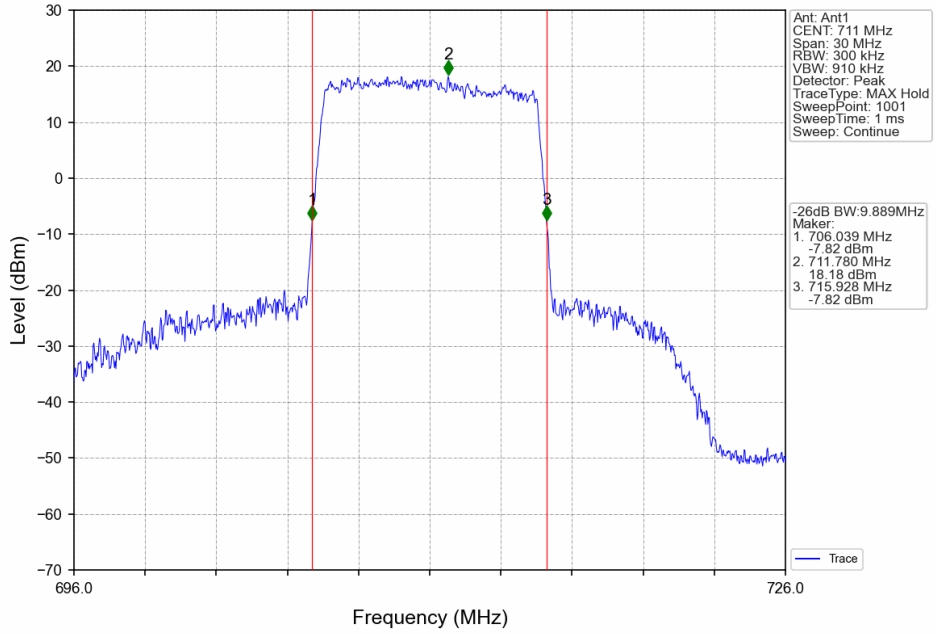
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



5. Peak-Average Ratio

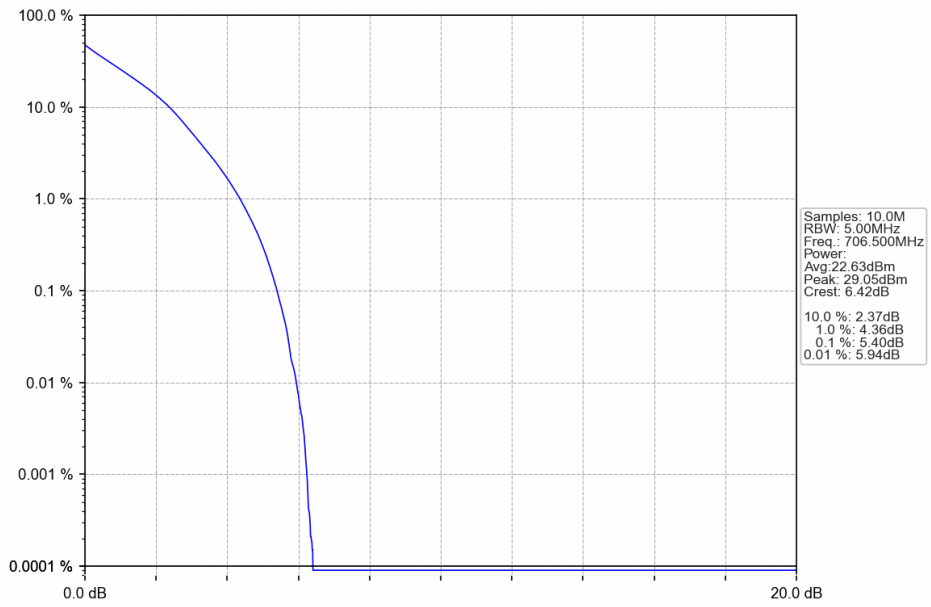
5.1 B17_5MHz

5.1.1 Test Result

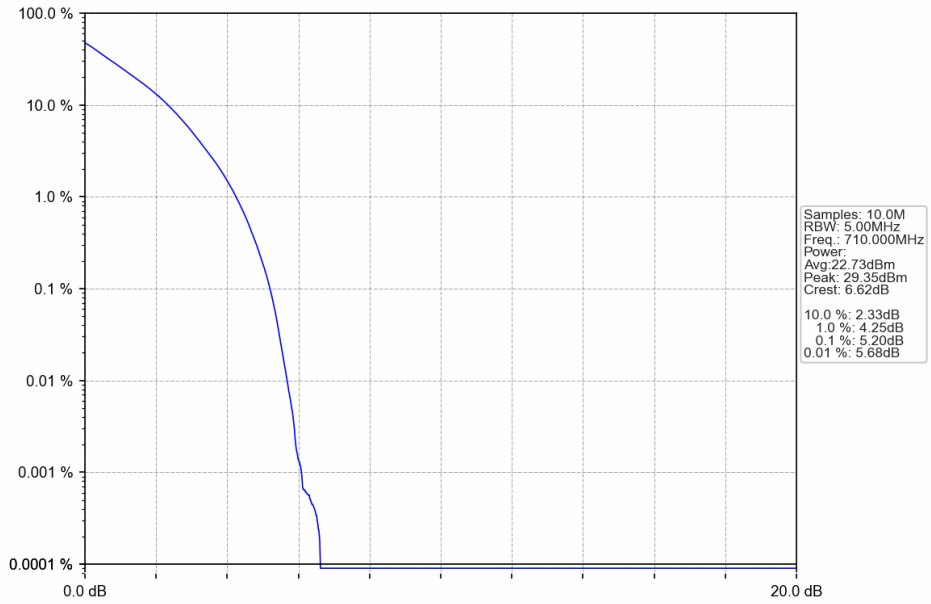
Band: 17 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	706.5	25	0	5.40	<=13	Pass
	710	25	0	5.20	<=13	Pass
	713.5	25	0	5.12	<=13	Pass
16QAM	706.5	25	0	6.08	<=13	Pass
	710	25	0	6.02	<=13	Pass
	713.5	25	0	5.87	<=13	Pass

5.1.2 Test Graph

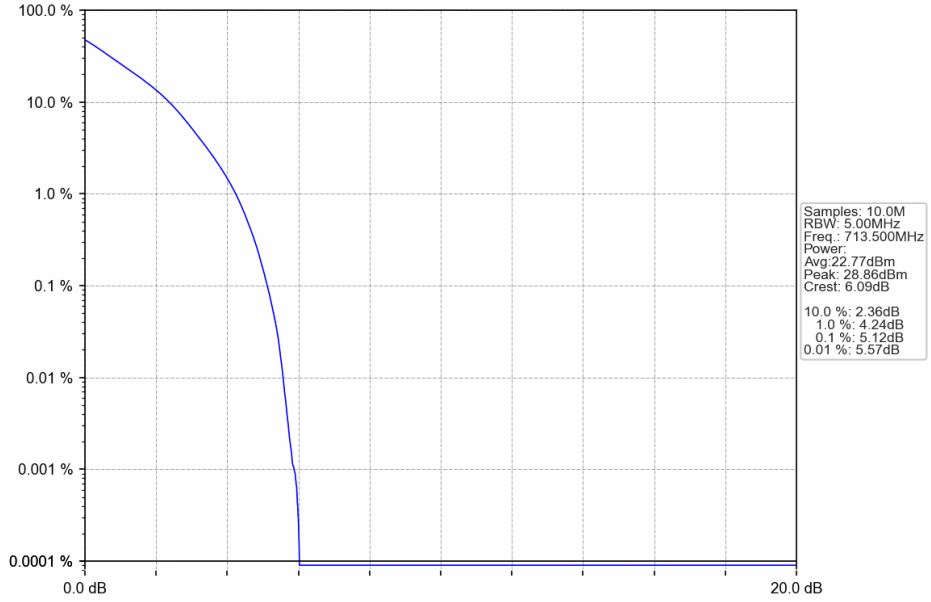
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



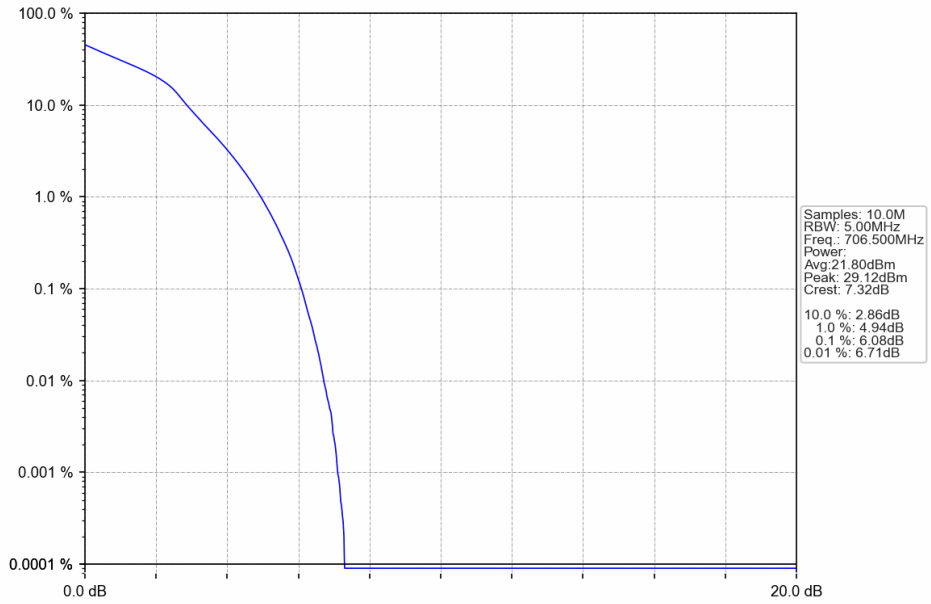
Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



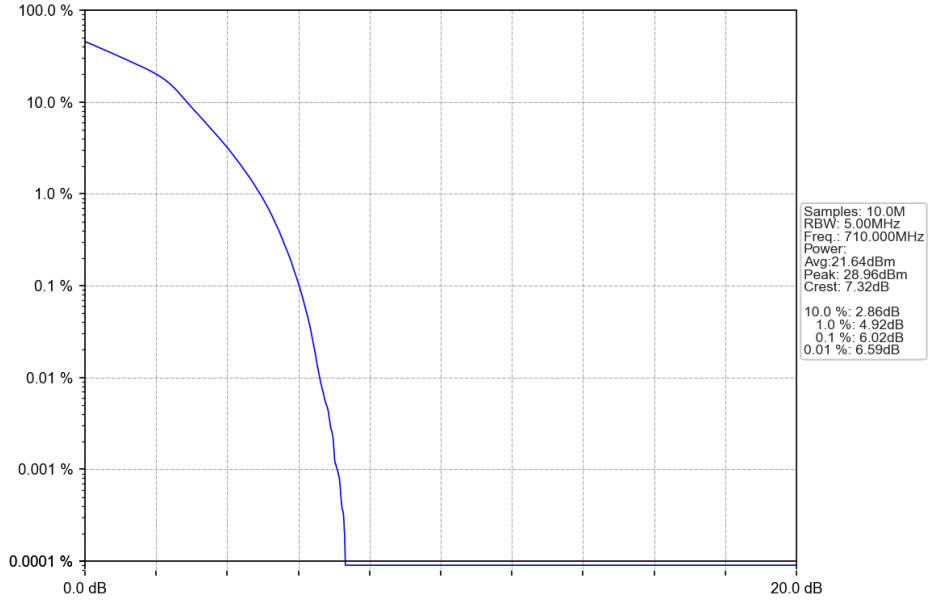
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



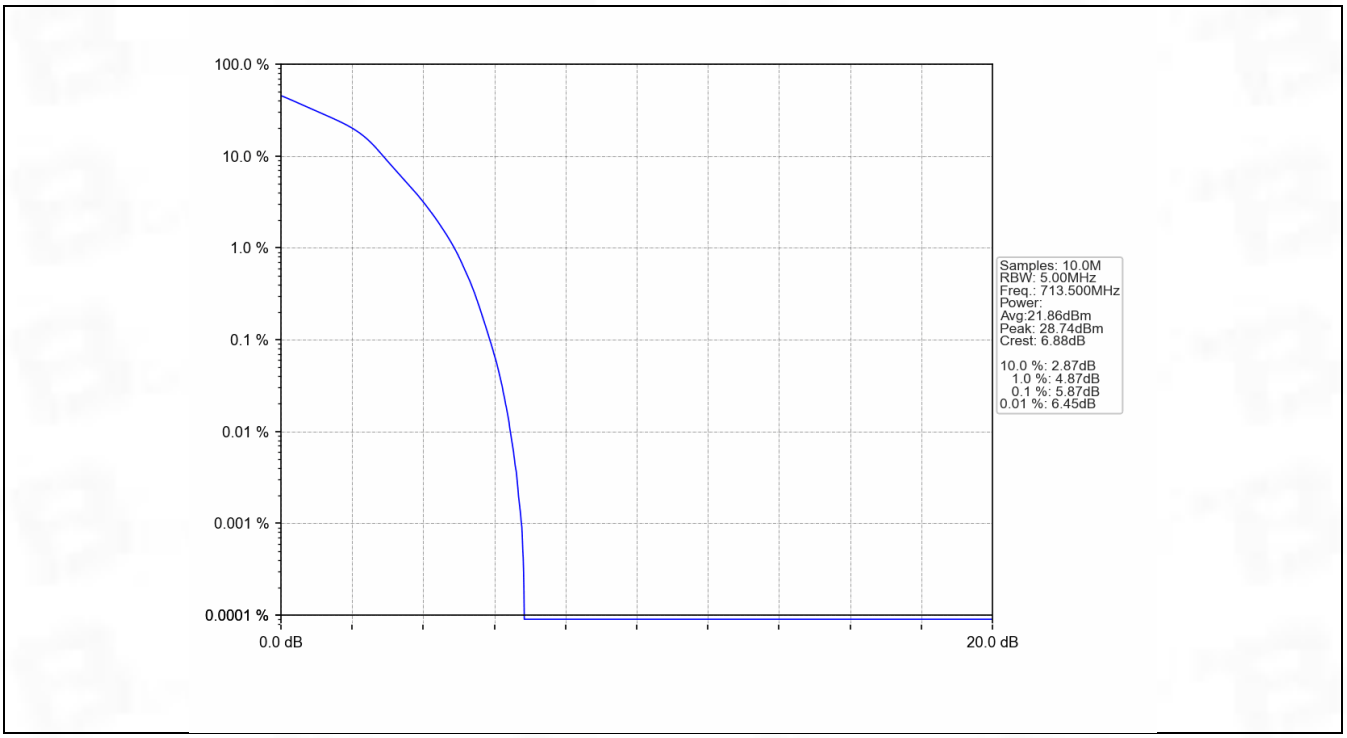
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



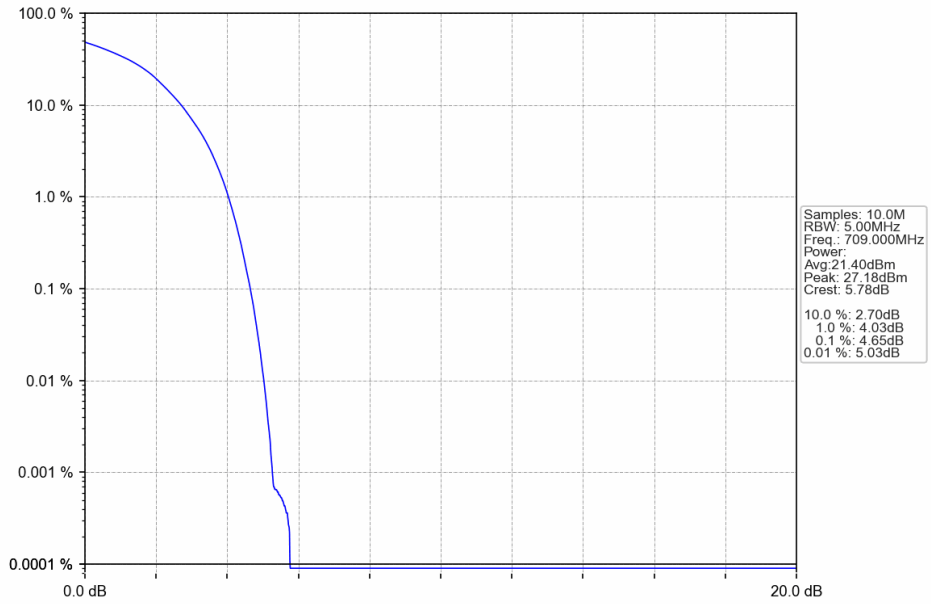
5.2 B17_10MHz

5.2.1 Test Result

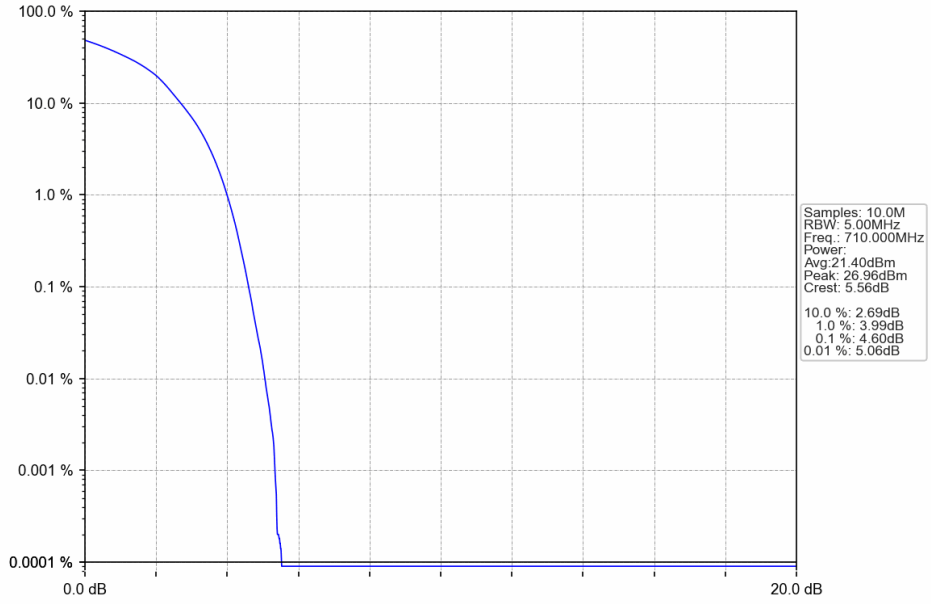
Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	709	50	0	4.65	<=13	Pass
	710	50	0	4.60	<=13	Pass
	711	50	0	4.52	<=13	Pass
16QAM	709	50	0	6.05	<=13	Pass
	710	50	0	5.99	<=13	Pass
	711	50	0	6.04	<=13	Pass

5.2.2 Test Graph

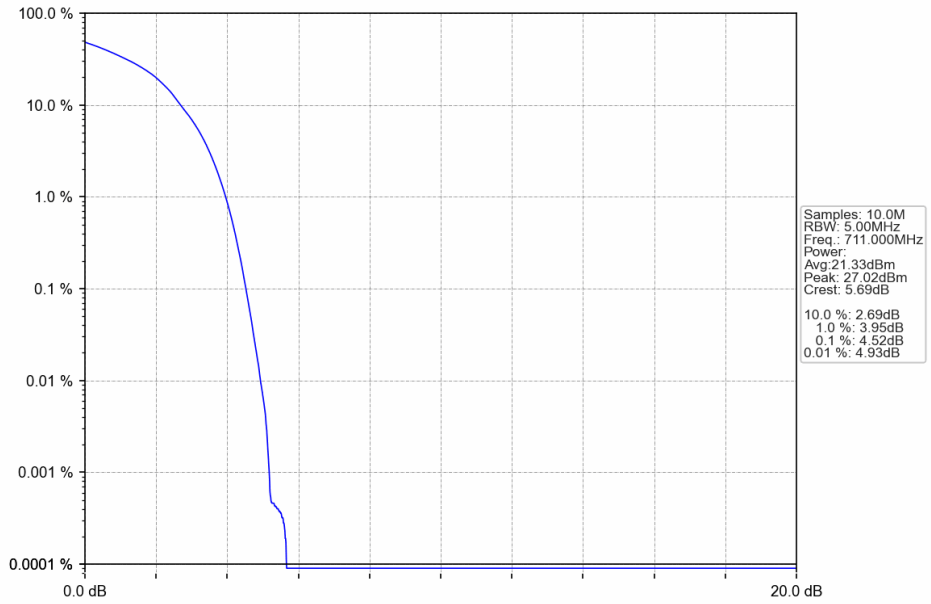
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



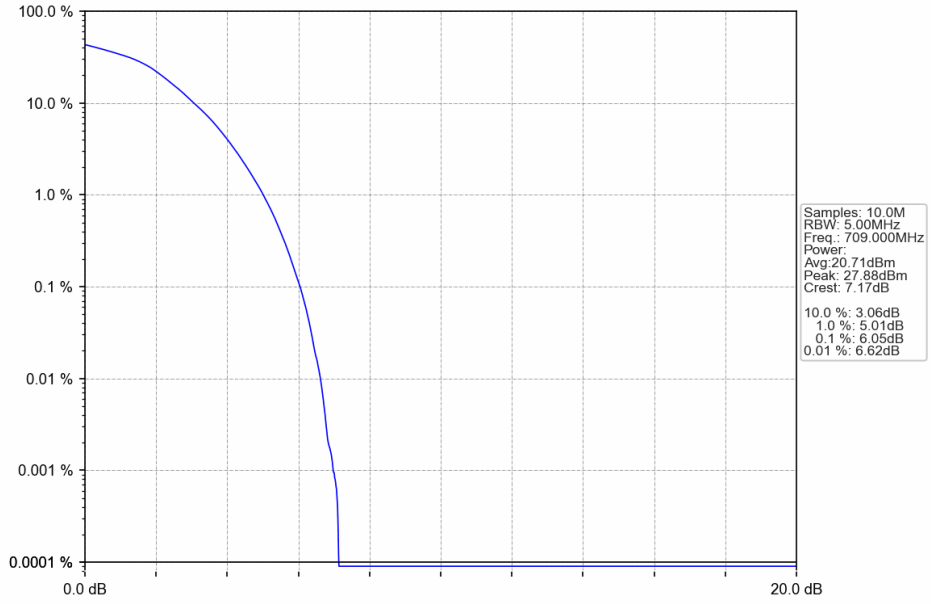
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



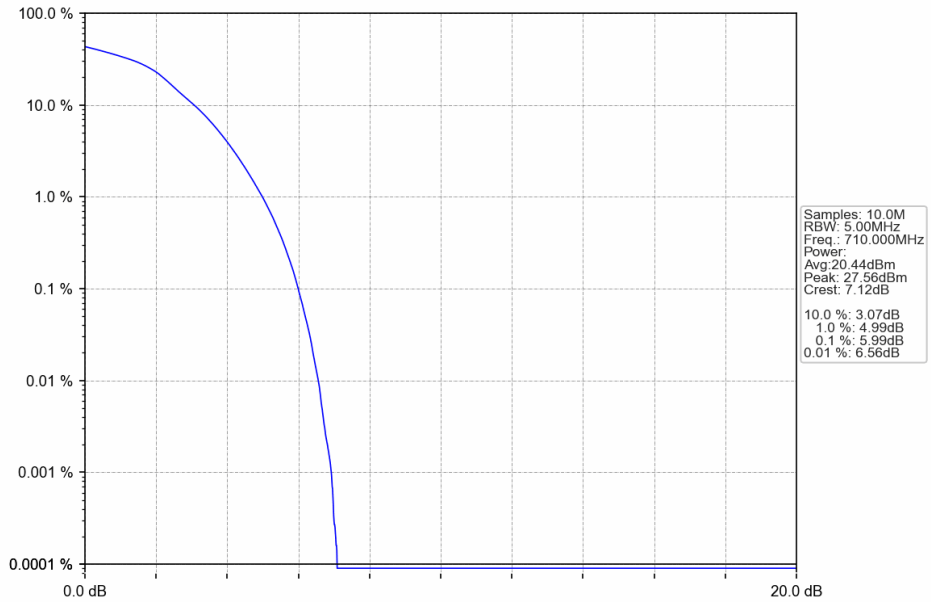
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



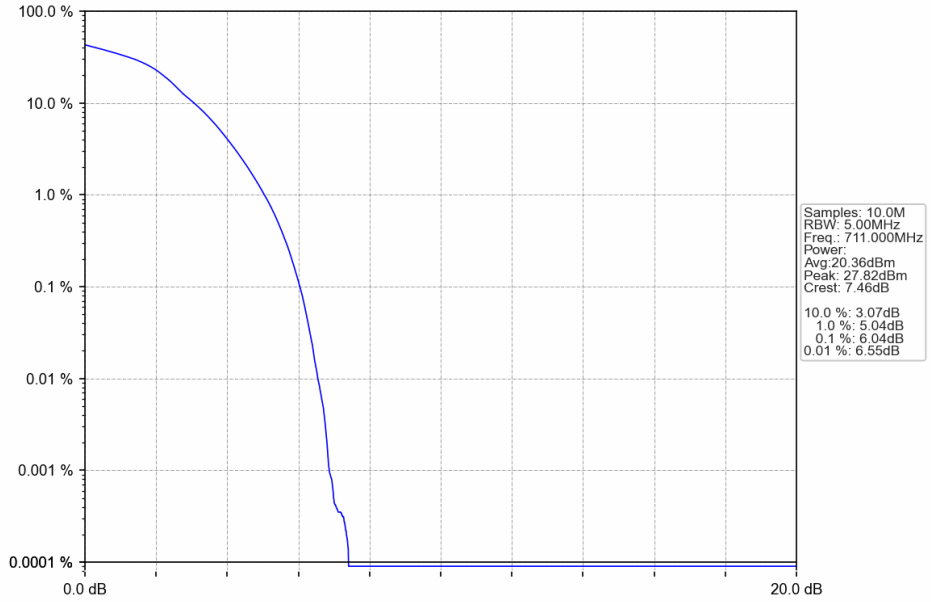
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



6. Spurious Emission

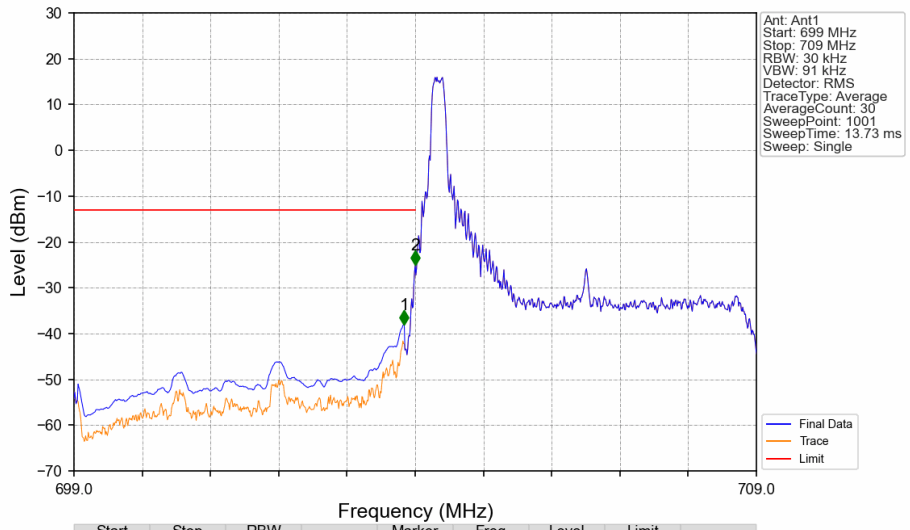
6.1 B17_5MHz

6.1.1 Test Result

Band: 17 / Bandwidth: 5MHz / NTNV						
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

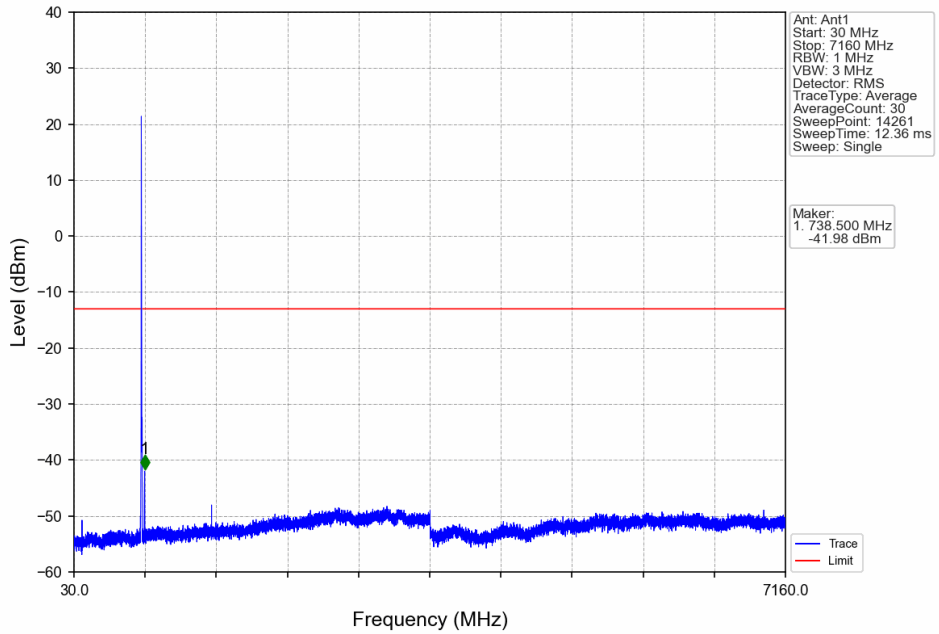
6.1.2 Test Graph

Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV

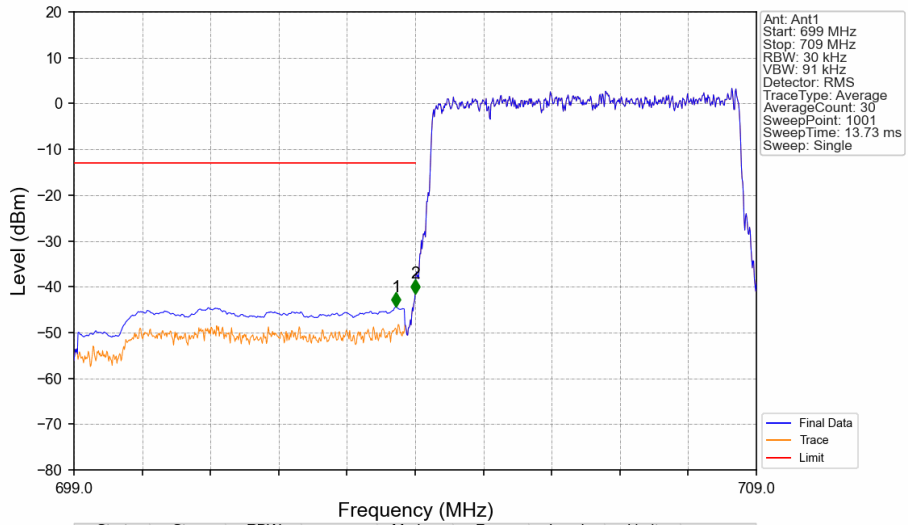


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-38.13	-13	Pass
703.9	704	0.03	/	2	704.000	-25.09	-13	Pass
704	709	0.03	/	/	/	/	/	/

Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV

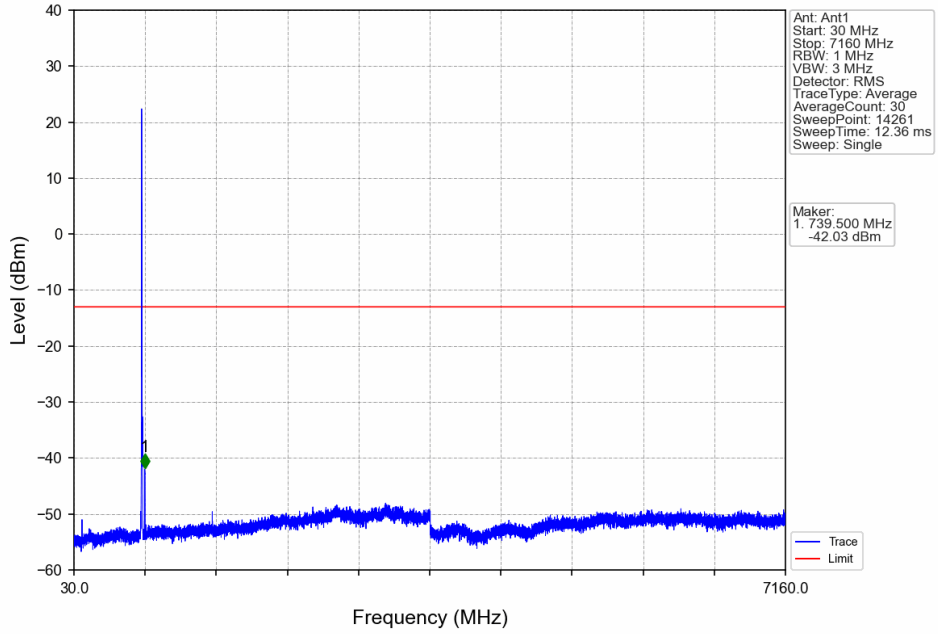


Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV

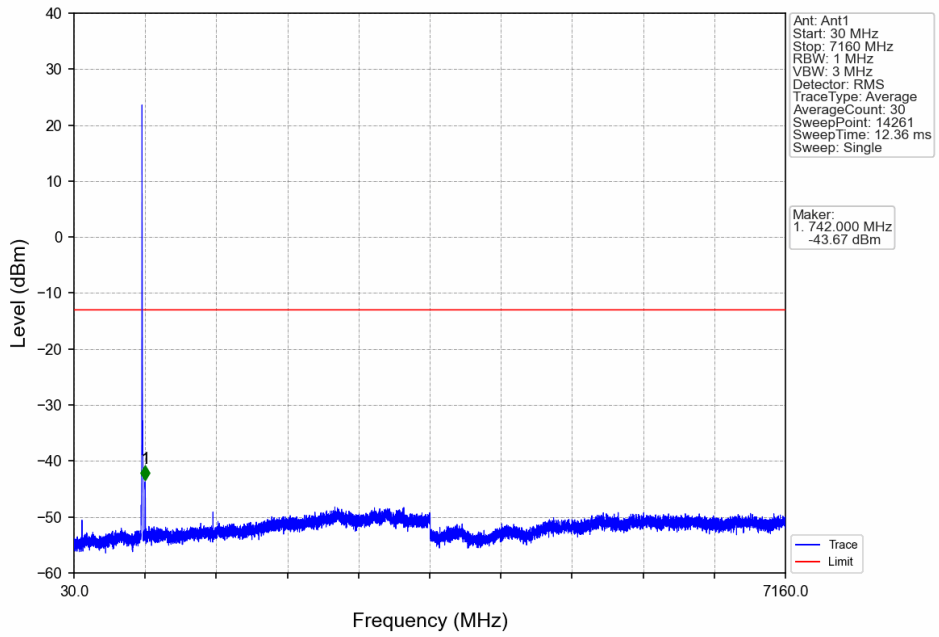


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.720	-44.36	-13	Pass
703.9	704	0.03	/	2	704.000	-41.46	-13	Pass
704	709	0.03	/	/	/	/	/	/

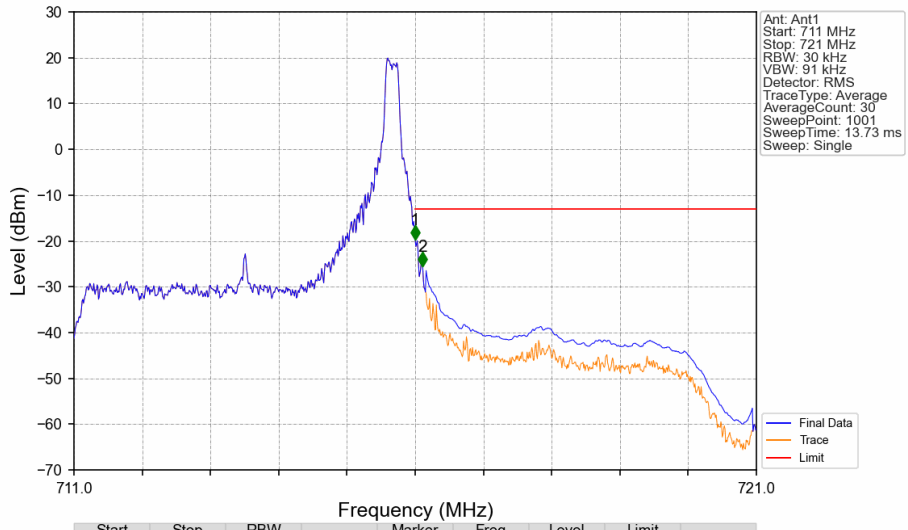
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV

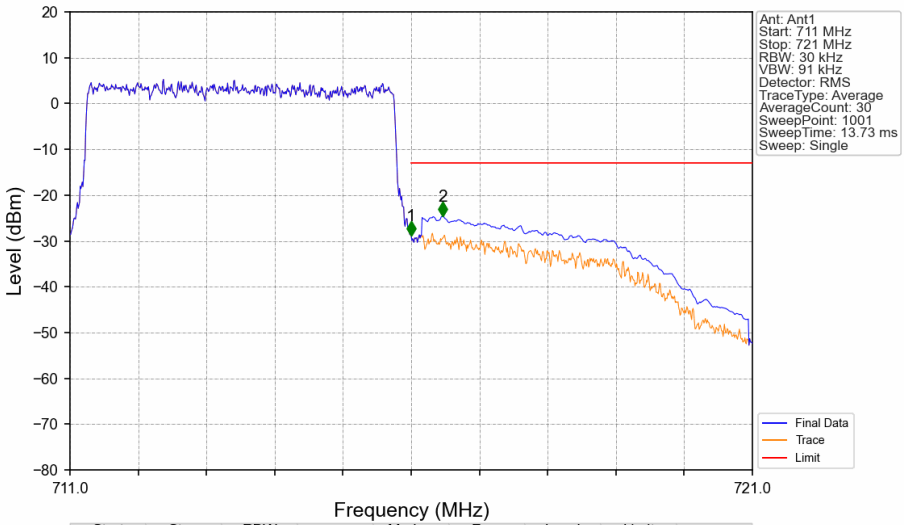


Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV



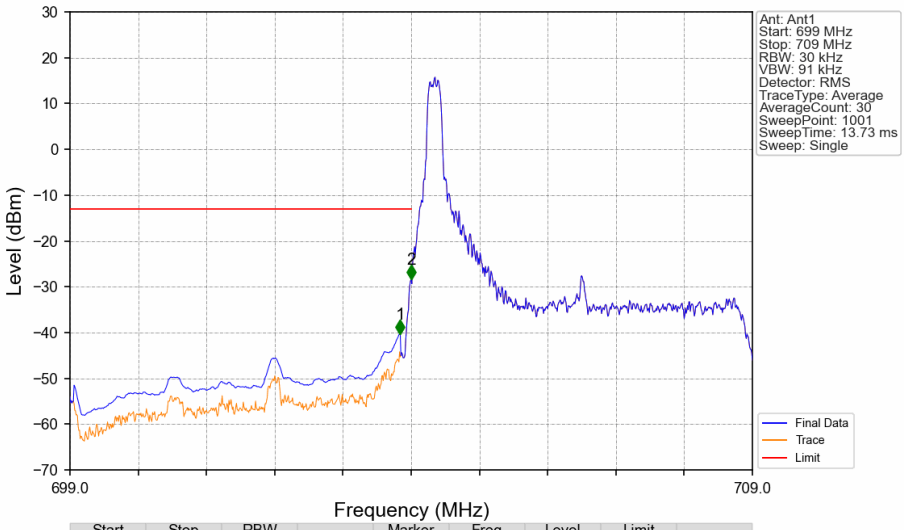
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-19.72	-13	Pass
716.1	721	0.1	CHP	2	716.110	-25.63	-13	Pass

Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



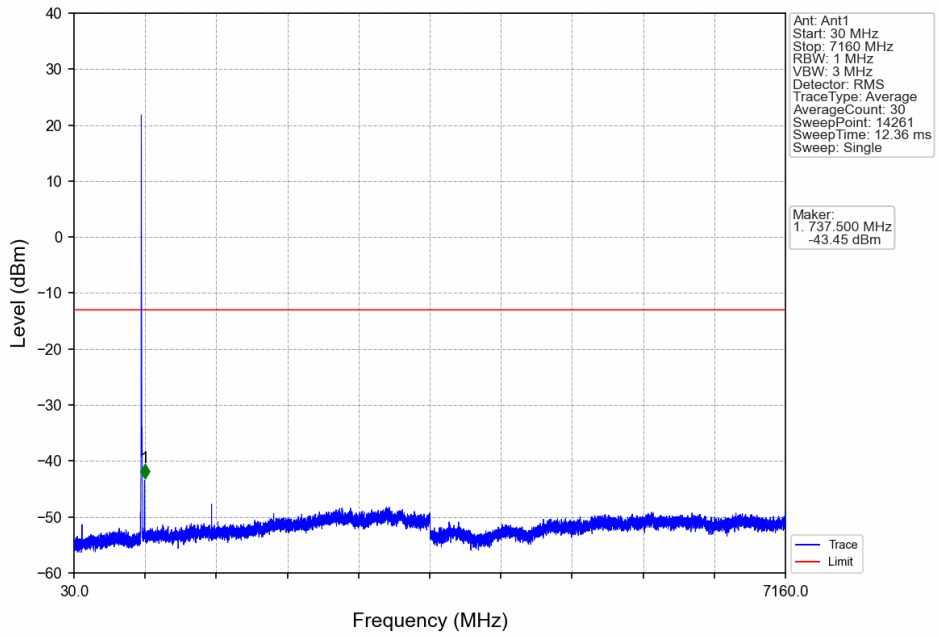
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-28.81	-13	Pass
716.1	721	0.1	CHP	2	716.460	-24.67	-13	Pass

Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV

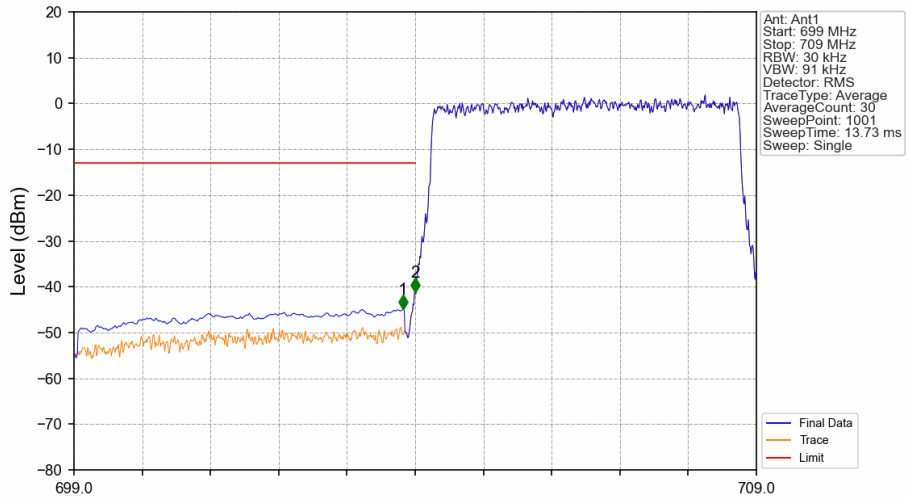


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-40.35	-13	Pass
703.9	704	0.03	/	2	704.000	-28.42	-13	Pass
704	709	0.03	/	/	/	/	/	/

Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV

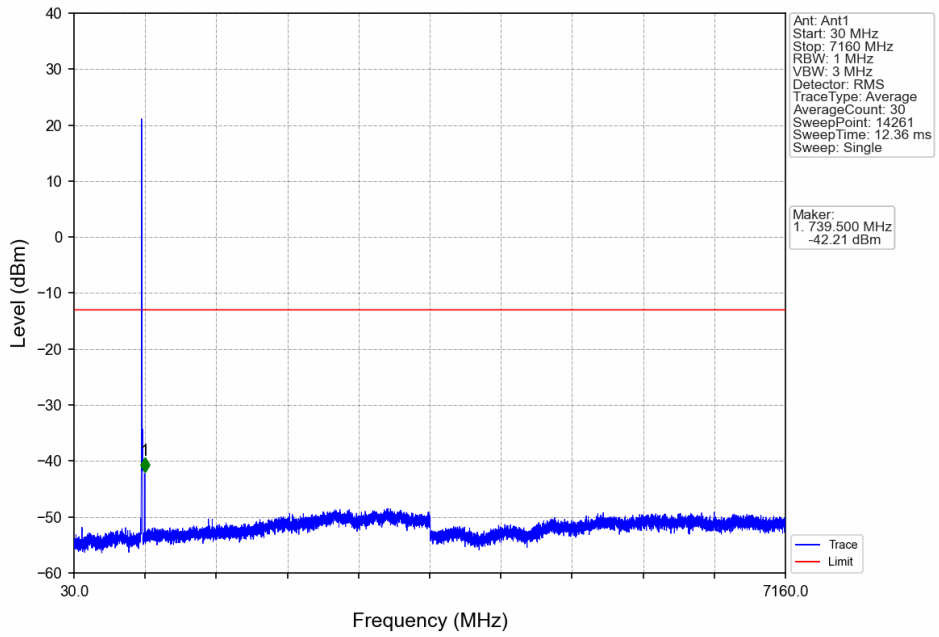


Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV

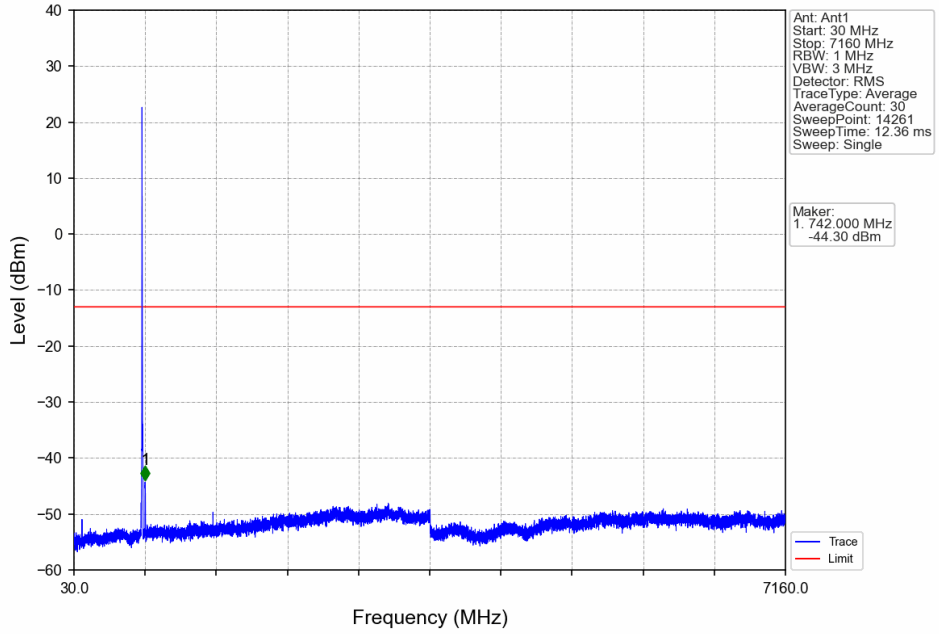


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.820	-44.85	-13	Pass
703.9	704	0.03	/	2	704.000	-41.21	-13	Pass
704	709	0.03	/	/	/	/	/	/

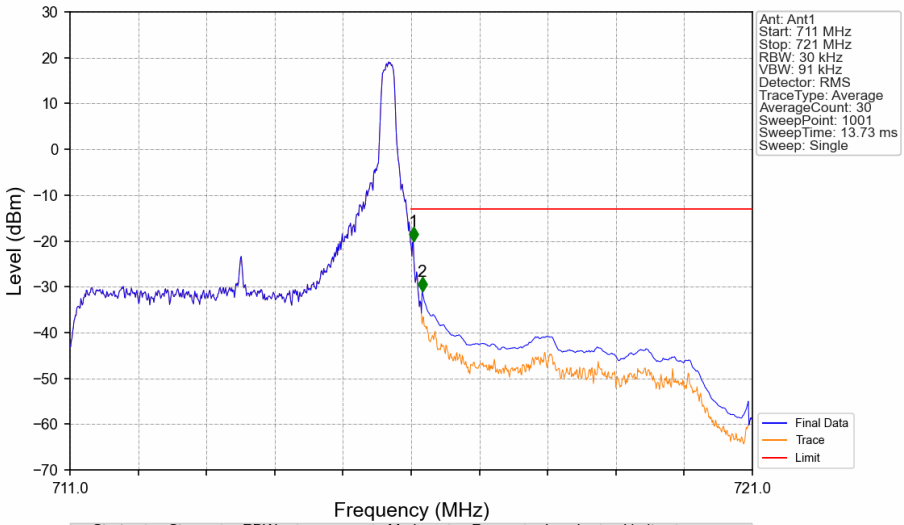
Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV

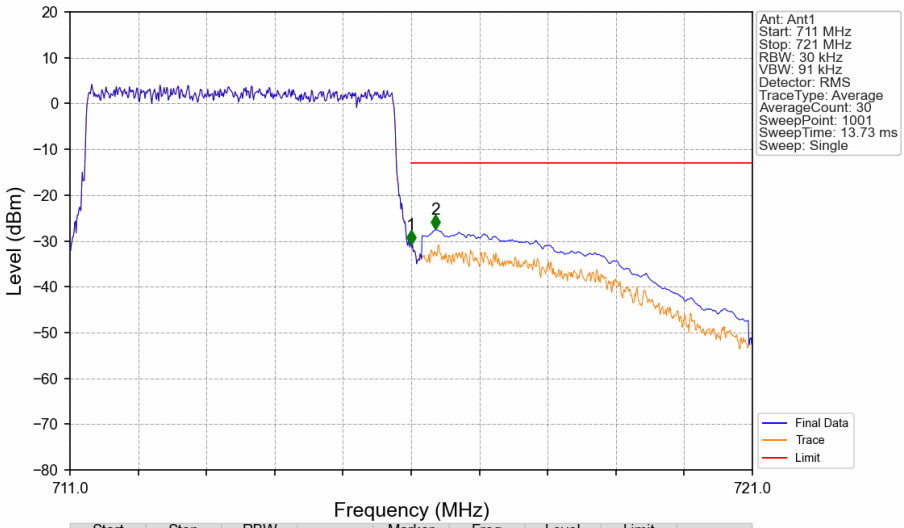


Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_24_NTNV



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	716.030	-20.13	-13	Pass
716.1	721	0.1	CHP	2	716.160	-31.00	-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	-30.77	-13	Pass
716.1	721	0.1	CHP	2	716.360	-27.45	-13	Pass

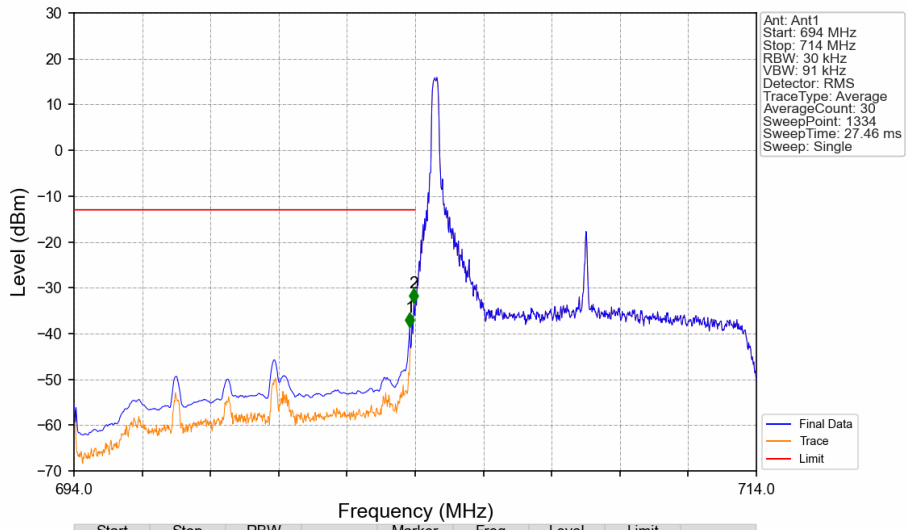
6.2 B17_10MHz

6.2.1 Test Result

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

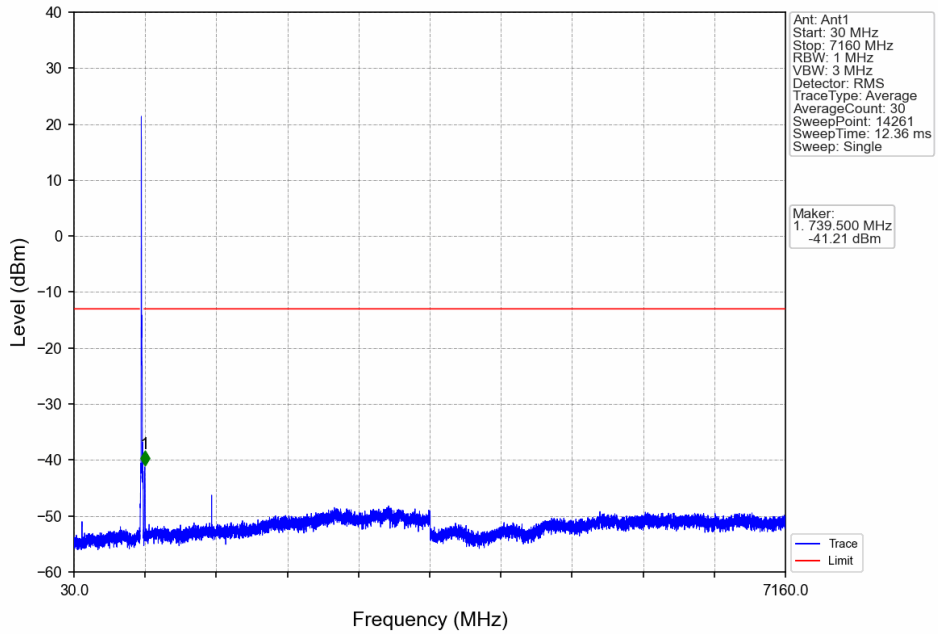
6.2.2 Test Graph

Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV

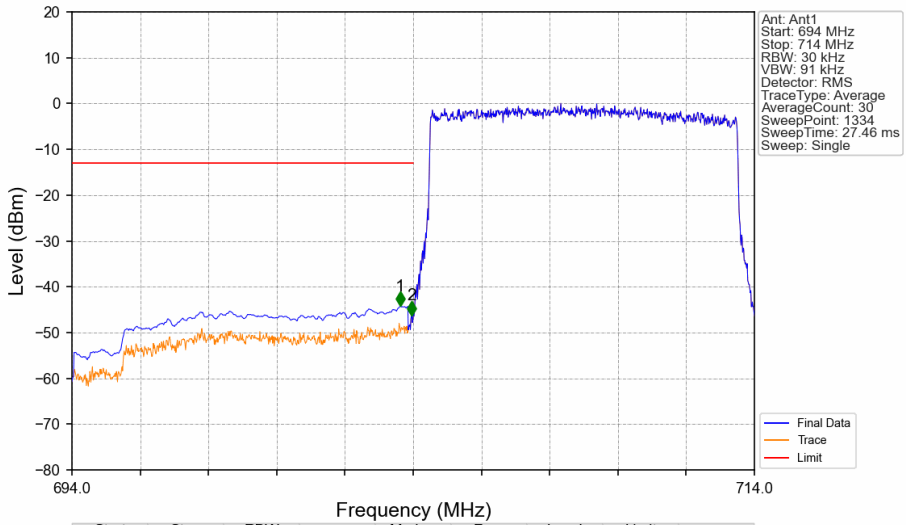


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-38.58	-13	Pass
703.9	704	0.03	/	2	703.962	-33.37	-13	Pass
704	714	0.03	/	/	/	/	/	/

Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV

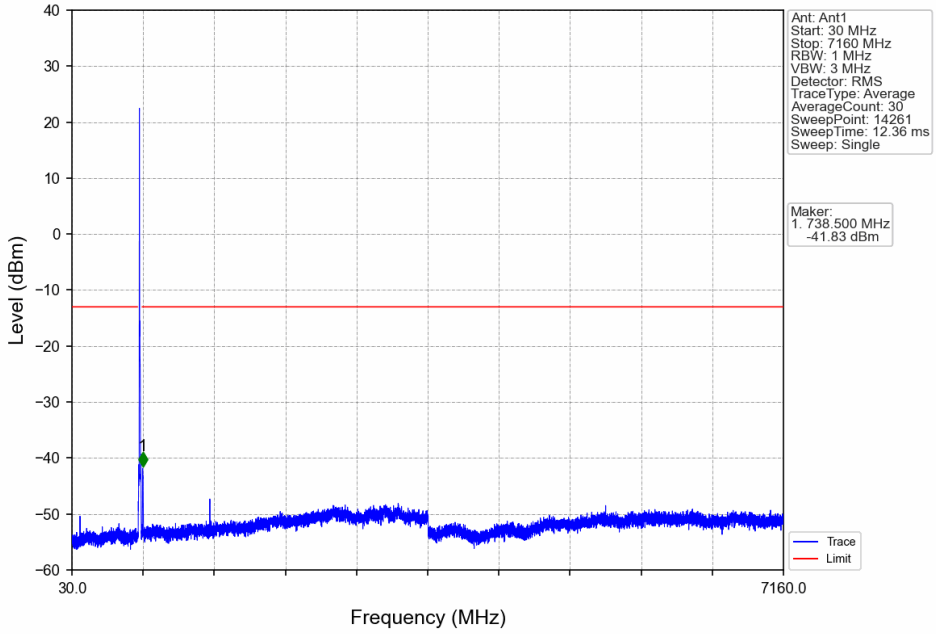


Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV

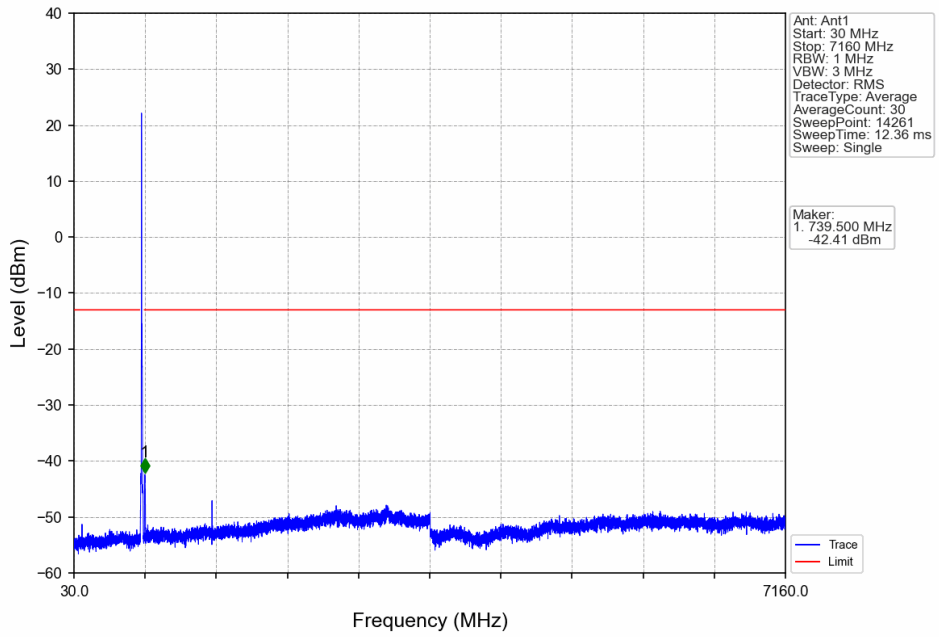


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.617	-44.25	-13	Pass
703.9	704	0.03	/	2	703.962	-46.22	-13	Pass
704	714	0.03	/	/	/	/	/	/

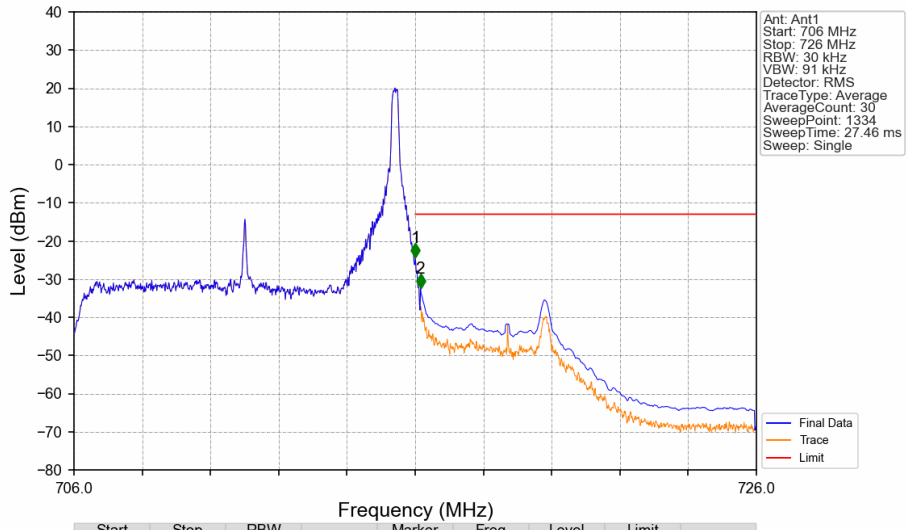
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV

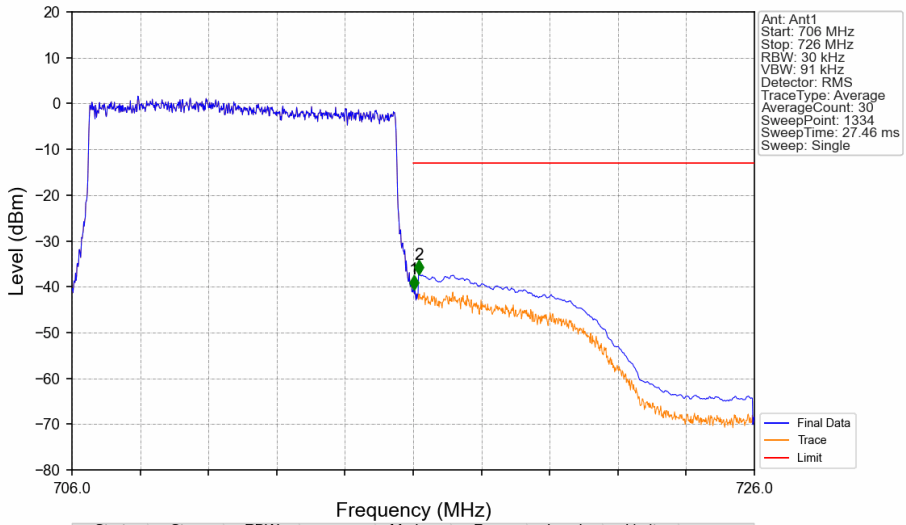


Band17_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV



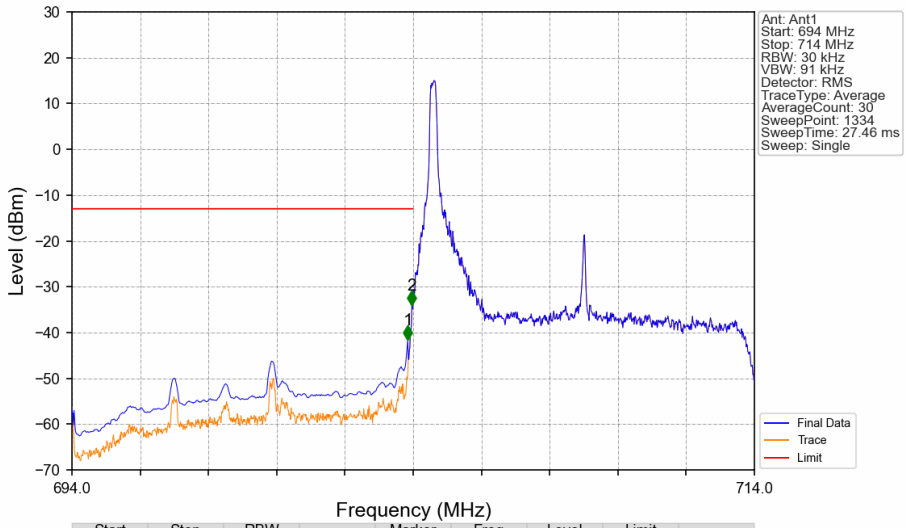
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-24.39	-13	Pass
716.1	726	0.1	CHP	2	716.158	-32.47	-13	Pass

Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



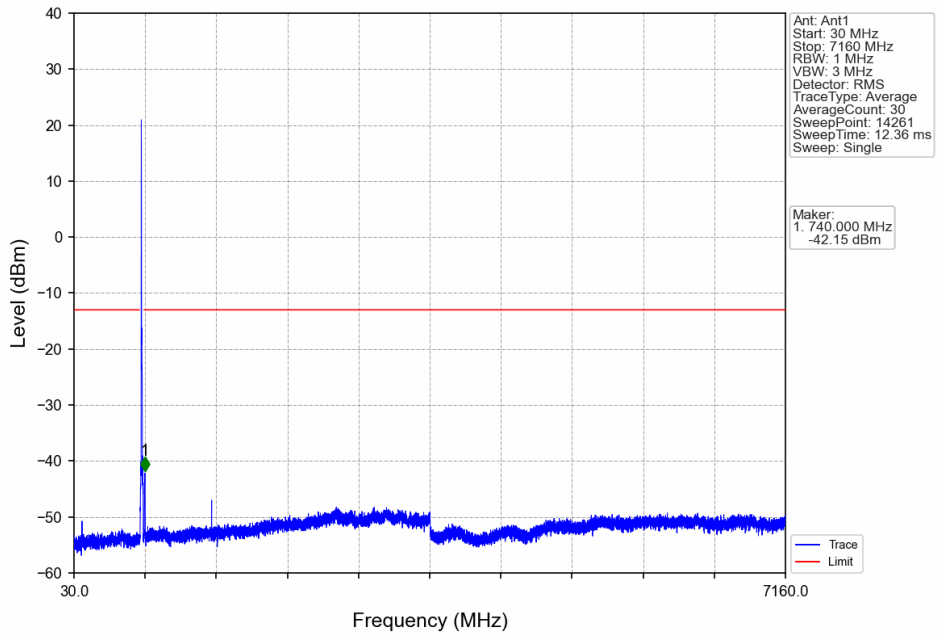
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.023	-40.59	-13	Pass
716.1	726	0.1	CHP	2	716.173	-37.34	-13	Pass

Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV

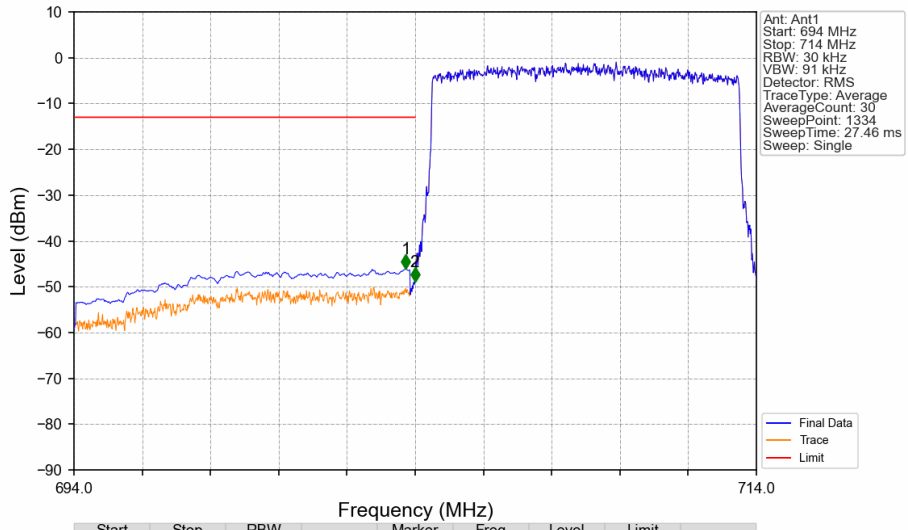


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-41.59	-13	Pass
703.9	704	0.03	/	2	703.962	-34.07	-13	Pass
704	714	0.03	/	/	/	/	/	/

Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV

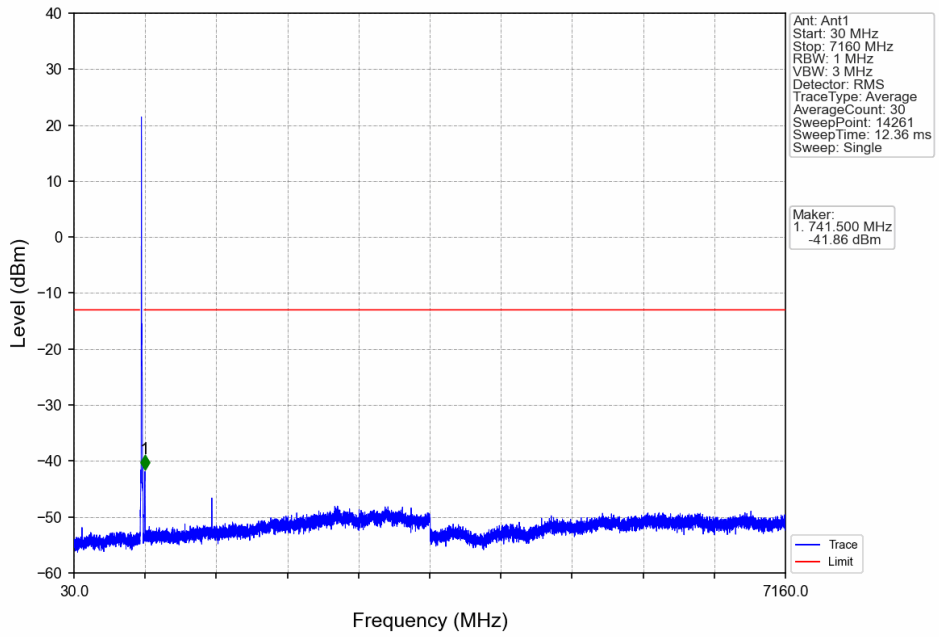


Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV

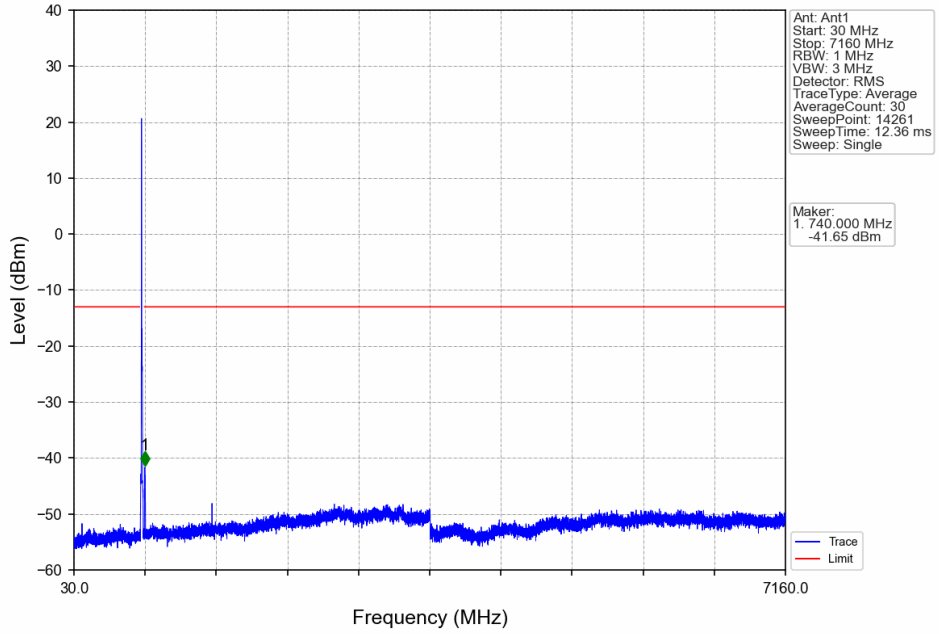


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.722	-46.10	-13	Pass
703.9	704	0.03	/	2	703.992	-48.86	-13	Pass
704	714	0.03	/	/	/	/	/	/

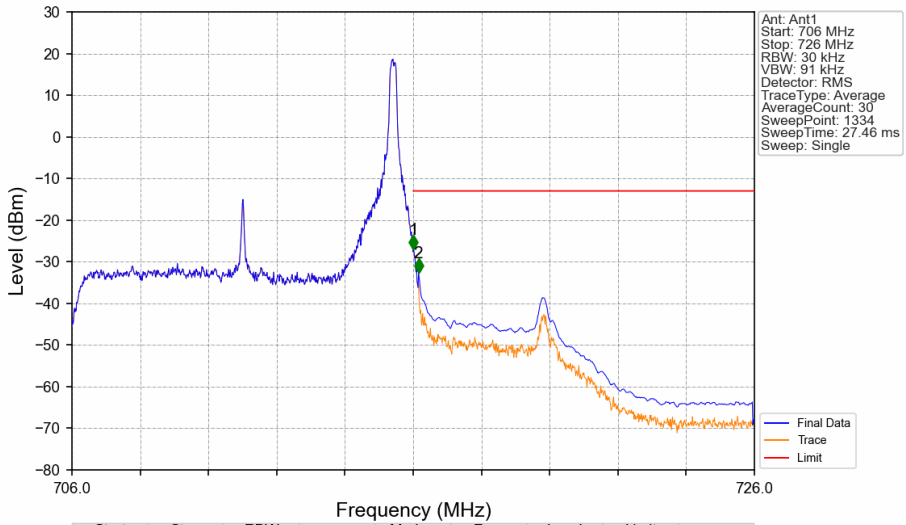
Band17_10MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV

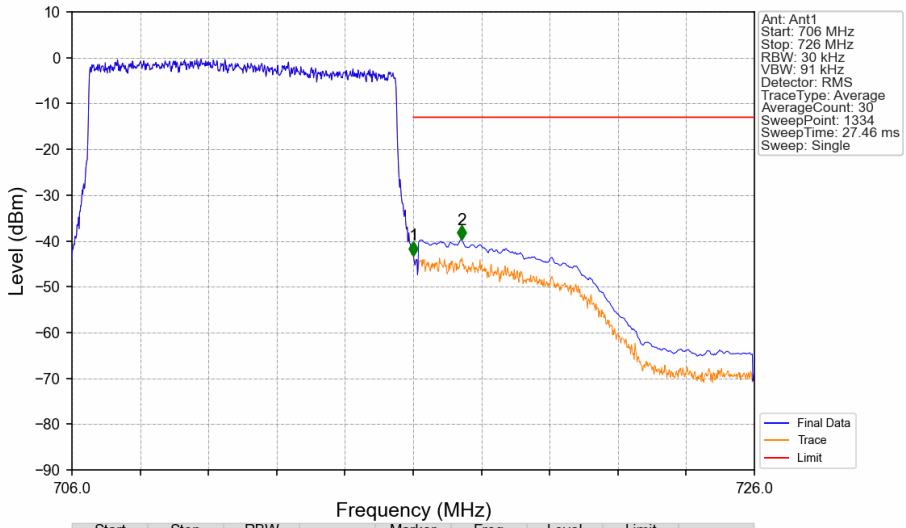


Band17_10MHz_16QAM_HCH_711MHz_RB_1_49_NTNV



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	-27.02	-13	Pass
716.1	726	0.1	CHP	2	716.158	-32.63	-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	716.008	-43.19	-13	Pass
716.1	726	0.1	CHP	2	717.418	-39.72	-13	Pass

7. Form731

7.1 Form731_Power

7.1.1 Test Result

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	0.3420	0.0172	ppm	4M56G7D	27H	25.34
17	5	706.5	713.5	0.2761	0.0062	ppm	4M58W7D	27H	24.41
17	10	709	711	0.3420	0.0049	ppm	9M05G7D	27H	25.34
17	10	709	711	0.2938	0.0033	ppm	9M04W7D	27H	24.68

7.2 Form731_ERP

7.2.1 Test Result

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	0.0557	0.0172	ppm	4M56G7D	27H	17.46
17	5	706.5	713.5	0.0450	0.0062	ppm	4M58W7D	27H	16.53
17	10	709	711	0.0557	0.0049	ppm	9M05G7D	27H	17.46
17	10	709	711	0.0479	0.0033	ppm	9M04W7D	27H	16.80