

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B17_5MHz_ERP

Band: 17 / Bandwidth: 5MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	706.5	1	0	23.76	3.00	24.61	<=34.77	Pass
			13	23.83	3.00	24.68	<=34.77	Pass
			24	23.70	3.00	24.55	<=34.77	Pass
		12	0	22.85	3.00	23.70	<=34.77	Pass
			6	22.83	3.00	23.68	<=34.77	Pass
			13	22.77	3.00	23.62	<=34.77	Pass
		25	0	22.81	3.00	23.66	<=34.77	Pass
	710	1	0	23.76	3.00	24.61	<=34.77	Pass
			13	23.89	3.00	24.74	<=34.77	Pass
			24	23.84	3.00	24.69	<=34.77	Pass
		12	0	22.74	3.00	23.59	<=34.77	Pass
			6	22.80	3.00	23.65	<=34.77	Pass
			13	22.83	3.00	23.68	<=34.77	Pass
		25	0	22.79	3.00	23.64	<=34.77	Pass
	713.5	1	0	23.92	3.00	24.77	<=34.77	Pass
			13	23.99	3.00	24.84	<=34.77	Pass
			24	23.88	3.00	24.73	<=34.77	Pass
		12	0	22.93	3.00	23.78	<=34.77	Pass
			6	22.96	3.00	23.81	<=34.77	Pass
			13	22.92	3.00	23.77	<=34.77	Pass
		25	0	22.91	3.00	23.76	<=34.77	Pass
16QAM	706.5	1	0	22.61	3.00	23.46	<=34.77	Pass
			13	22.71	3.00	23.56	<=34.77	Pass
			24	22.60	3.00	23.45	<=34.77	Pass
		12	0	21.87	3.00	22.72	<=34.77	Pass
			6	21.86	3.00	22.71	<=34.77	Pass
			13	21.78	3.00	22.63	<=34.77	Pass
		25	0	21.85	3.00	22.70	<=34.77	Pass
	710	1	0	23.04	3.00	23.89	<=34.77	Pass
			13	23.24	3.00	24.09	<=34.77	Pass
			24	23.04	3.00	23.89	<=34.77	Pass
		12	0	21.90	3.00	22.75	<=34.77	Pass
			6	21.90	3.00	22.75	<=34.77	Pass
			13	21.92	3.00	22.77	<=34.77	Pass
		25	0	21.82	3.00	22.67	<=34.77	Pass
	713.5	1	0	22.94	3.00	23.79	<=34.77	Pass
			13	22.98	3.00	23.83	<=34.77	Pass
			24	22.94	3.00	23.79	<=34.77	Pass
		12	0	21.90	3.00	22.75	<=34.77	Pass
			6	21.95	3.00	22.80	<=34.77	Pass
			13	21.93	3.00	22.78	<=34.77	Pass
		25	0	21.94	3.00	22.79	<=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	23.82	3.00	24.67	<=34.77	Pass
			25	23.74	3.00	24.59	<=34.77	Pass
			49	23.85	3.00	24.70	<=34.77	Pass
		25	0	22.89	3.00	23.74	<=34.77	Pass
			13	22.86	3.00	23.71	<=34.77	Pass
			25	22.78	3.00	23.63	<=34.77	Pass
		50	0	22.86	3.00	23.71	<=34.77	Pass
	710	1	0	23.83	3.00	24.68	<=34.77	Pass
			25	23.85	3.00	24.70	<=34.77	Pass
			49	23.80	3.00	24.65	<=34.77	Pass
		25	0	22.82	3.00	23.67	<=34.77	Pass
			13	22.81	3.00	23.66	<=34.77	Pass
			25	22.88	3.00	23.73	<=34.77	Pass
		50	0	22.78	3.00	23.63	<=34.77	Pass
	711	1	0	23.86	3.00	24.71	<=34.77	Pass
			25	23.93	3.00	24.78	<=34.77	Pass
			49	23.91	3.00	24.76	<=34.77	Pass
		25	0	22.87	3.00	23.72	<=34.77	Pass
			13	22.88	3.00	23.73	<=34.77	Pass
			25	22.98	3.00	23.83	<=34.77	Pass
		50	0	22.83	3.00	23.68	<=34.77	Pass
16QAM	709	1	0	23.37	3.00	24.22	<=34.77	Pass
			25	23.31	3.00	24.16	<=34.77	Pass
			49	23.27	3.00	24.12	<=34.77	Pass
		25	0	21.94	3.00	22.79	<=34.77	Pass
			13	21.92	3.00	22.77	<=34.77	Pass
			25	21.85	3.00	22.70	<=34.77	Pass
		50	0	21.85	3.00	22.70	<=34.77	Pass
	710	1	0	22.99	3.00	23.84	<=34.77	Pass
			25	23.04	3.00	23.89	<=34.77	Pass
			49	22.95	3.00	23.80	<=34.77	Pass
		25	0	21.86	3.00	22.71	<=34.77	Pass
			13	21.86	3.00	22.71	<=34.77	Pass
			25	21.92	3.00	22.77	<=34.77	Pass
		50	0	21.81	3.00	22.66	<=34.77	Pass
	711	1	0	22.91	3.00	23.76	<=34.77	Pass
			25	22.93	3.00	23.78	<=34.77	Pass
			49	22.88	3.00	23.73	<=34.77	Pass
		25	0	22.01	3.00	22.86	<=34.77	Pass
			13	21.96	3.00	22.81	<=34.77	Pass
			25	22.02	3.00	22.87	<=34.77	Pass
		50	0	21.88	3.00	22.73	<=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	-1.581	-0.0022	-2.5 to 2.5	Pass
					3.85	4.796	0.0068	-2.5 to 2.5	Pass
					4.43	3.273	0.0046	-2.5 to 2.5	Pass
				-30	3.85	3.395	0.0048	-2.5 to 2.5	Pass
				-20	3.85	3.306	0.0047	-2.5 to 2.5	Pass
				-10	3.85	4.712	0.0067	-2.5 to 2.5	Pass
				0	3.85	-2.186	-0.0031	-2.5 to 2.5	Pass
				10	3.85	0.462	0.0007	-2.5 to 2.5	Pass
				30	3.85	5.709	0.0081	-2.5 to 2.5	Pass
				40	3.85	-0.018	0.0000	-2.5 to 2.5	Pass
				50	3.85	3.233	0.0046	-2.5 to 2.5	Pass
	710	25	0	20	3.27	2.075	0.0029	-2.5 to 2.5	Pass
					3.85	0.870	0.0012	-2.5 to 2.5	Pass
					4.43	2.971	0.0042	-2.5 to 2.5	Pass
				-30	3.85	2.985	0.0042	-2.5 to 2.5	Pass
				-20	3.85	9.127	0.0129	-2.5 to 2.5	Pass
				-10	3.85	8.395	0.0118	-2.5 to 2.5	Pass
				0	3.85	8.750	0.0123	-2.5 to 2.5	Pass
				10	3.85	2.752	0.0039	-2.5 to 2.5	Pass
				30	3.85	4.567	0.0064	-2.5 to 2.5	Pass
				40	3.85	7.263	0.0102	-2.5 to 2.5	Pass
				50	3.85	5.739	0.0081	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	3.315	0.0046	-2.5 to 2.5	Pass
					3.85	3.688	0.0052	-2.5 to 2.5	Pass
					4.43	0.818	0.0011	-2.5 to 2.5	Pass
				-30	3.85	3.510	0.0049	-2.5 to 2.5	Pass
				-20	3.85	0.807	0.0011	-2.5 to 2.5	Pass
				-10	3.85	-2.765	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-2.774	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-3.387	-0.0047	-2.5 to 2.5	Pass
				30	3.85	-2.548	-0.0036	-2.5 to 2.5	Pass
				40	3.85	3.577	0.0050	-2.5 to 2.5	Pass
16QAM	706.5	25	0	20	3.27	1.634	0.0023	-2.5 to 2.5	Pass
					3.85	2.830	0.0040	-2.5 to 2.5	Pass
					4.43	2.877	0.0041	-2.5 to 2.5	Pass
				-30	3.85	1.805	0.0026	-2.5 to 2.5	Pass
				-20	3.85	1.989	0.0028	-2.5 to 2.5	Pass
				-10	3.85	4.054	0.0057	-2.5 to 2.5	Pass
				0	3.85	4.164	0.0059	-2.5 to 2.5	Pass
				10	3.85	4.488	0.0064	-2.5 to 2.5	Pass
				30	3.85	0.560	0.0008	-2.5 to 2.5	Pass
				40	3.85	1.916	0.0027	-2.5 to 2.5	Pass
				50	3.85	4.774	0.0068	-2.5 to 2.5	Pass
	710	25	0	20	3.27	7.053	0.0099	-2.5 to 2.5	Pass
					3.85	4.777	0.0067	-2.5 to 2.5	Pass
					4.43	1.120	0.0016	-2.5 to 2.5	Pass
				-30	3.85	6.611	0.0093	-2.5 to 2.5	Pass
				-20	3.85	1.069	0.0015	-2.5 to 2.5	Pass
				-10	3.85	6.591	0.0093	-2.5 to 2.5	Pass
				0	3.85	1.117	0.0016	-2.5 to 2.5	Pass
				10	3.85	7.047	0.0099	-2.5 to 2.5	Pass
				30	3.85	6.174	0.0087	-2.5 to 2.5	Pass
				40	3.85	1.806	0.0025	-2.5 to 2.5	Pass
				50	3.85	3.848	0.0054	-2.5 to 2.5	Pass

	713.5	25	0	20	3.27	-3.193	-0.0045	-2.5 to 2.5	Pass
					3.85	1.689	0.0024	-2.5 to 2.5	Pass
					4.43	3.148	0.0044	-2.5 to 2.5	Pass
				-30	3.85	3.561	0.0050	-2.5 to 2.5	Pass
				-20	3.85	-2.786	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	-0.367	-0.0005	-2.5 to 2.5	Pass
				0	3.85	0.742	0.0010	-2.5 to 2.5	Pass
				10	3.85	-3.853	-0.0054	-2.5 to 2.5	Pass
				30	3.85	-2.562	-0.0036	-2.5 to 2.5	Pass
				40	3.85	0.095	0.0001	-2.5 to 2.5	Pass
				50	3.85	2.189	0.0031	-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	3.010	0.0042	-2.5 to 2.5	Pass
					3.85	2.196	0.0031	-2.5 to 2.5	Pass
					4.43	-2.385	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	1.844	0.0026	-2.5 to 2.5	Pass
				-20	3.85	-4.060	-0.0057	-2.5 to 2.5	Pass
				-10	3.85	-1.837	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-5.743	-0.0081	-2.5 to 2.5	Pass
				10	3.85	-4.280	-0.0060	-2.5 to 2.5	Pass
				30	3.85	-4.011	-0.0057	-2.5 to 2.5	Pass
				40	3.85	0.503	0.0007	-2.5 to 2.5	Pass
				50	3.85	-0.760	-0.0011	-2.5 to 2.5	Pass
	710	50	0	20	3.27	2.220	0.0031	-2.5 to 2.5	Pass
					3.85	2.087	0.0029	-2.5 to 2.5	Pass
					4.43	3.767	0.0053	-2.5 to 2.5	Pass
				-30	3.85	2.884	0.0041	-2.5 to 2.5	Pass
				-20	3.85	4.740	0.0067	-2.5 to 2.5	Pass
				-10	3.85	3.949	0.0056	-2.5 to 2.5	Pass
				0	3.85	7.580	0.0107	-2.5 to 2.5	Pass
				10	3.85	0.995	0.0014	-2.5 to 2.5	Pass
				30	3.85	5.690	0.0080	-2.5 to 2.5	Pass
				40	3.85	-0.097	-0.0001	-2.5 to 2.5	Pass
				50	3.85	5.251	0.0074	-2.5 to 2.5	Pass
	711	50	0	20	3.27	0.059	0.0001	-2.5 to 2.5	Pass
					3.85	1.918	0.0027	-2.5 to 2.5	Pass
					4.43	0.044	0.0001	-2.5 to 2.5	Pass
				-30	3.85	2.667	0.0038	-2.5 to 2.5	Pass
				-20	3.85	-2.296	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	1.901	0.0027	-2.5 to 2.5	Pass
				0	3.85	1.402	0.0020	-2.5 to 2.5	Pass
				10	3.85	1.003	0.0014	-2.5 to 2.5	Pass
				30	3.85	-1.883	-0.0026	-2.5 to 2.5	Pass
				40	3.85	0.637	0.0009	-2.5 to 2.5	Pass
				50	3.85	1.008	0.0014	-2.5 to 2.5	Pass
16QAM	709	50	0	20	3.27	-0.252	-0.0004	-2.5 to 2.5	Pass
					3.85	-2.548	-0.0036	-2.5 to 2.5	Pass
					4.43	-1.870	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-7.539	-0.0106	-2.5 to 2.5	Pass
				-20	3.85	-3.104	-0.0044	-2.5 to 2.5	Pass

				-10	3.85	-3.431	-0.0048	-2.5 to 2.5	Pass
				0	3.85	-4.609	-0.0065	-2.5 to 2.5	Pass
				10	3.85	-3.642	-0.0051	-2.5 to 2.5	Pass
				30	3.85	0.259	0.0004	-2.5 to 2.5	Pass
				40	3.85	-2.443	-0.0034	-2.5 to 2.5	Pass
				50	3.85	-1.457	-0.0021	-2.5 to 2.5	Pass
	710	50	0	20	3.27	5.389	0.0076	-2.5 to 2.5	Pass
					3.85	5.535	0.0078	-2.5 to 2.5	Pass
					4.43	5.057	0.0071	-2.5 to 2.5	Pass
				-30	3.85	8.164	0.0115	-2.5 to 2.5	Pass
				-20	3.85	2.961	0.0042	-2.5 to 2.5	Pass
				-10	3.85	5.315	0.0075	-2.5 to 2.5	Pass
				0	3.85	5.834	0.0082	-2.5 to 2.5	Pass
				10	3.85	4.504	0.0063	-2.5 to 2.5	Pass
				30	3.85	0.075	0.0001	-2.5 to 2.5	Pass
				40	3.85	0.718	0.0010	-2.5 to 2.5	Pass
				50	3.85	-0.126	-0.0002	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-1.049	-0.0015	-2.5 to 2.5	Pass
					3.85	-2.670	-0.0038	-2.5 to 2.5	Pass
					4.43	0.613	0.0009	-2.5 to 2.5	Pass
				-30	3.85	3.489	0.0049	-2.5 to 2.5	Pass
				-20	3.85	3.404	0.0048	-2.5 to 2.5	Pass
				-10	3.85	-3.869	-0.0054	-2.5 to 2.5	Pass
				0	3.85	2.334	0.0033	-2.5 to 2.5	Pass
				10	3.85	3.062	0.0043	-2.5 to 2.5	Pass
				30	3.85	0.507	0.0007	-2.5 to 2.5	Pass
				40	3.85	-2.600	-0.0037	-2.5 to 2.5	Pass
				50	3.85	-1.815	-0.0026	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band17_OBW

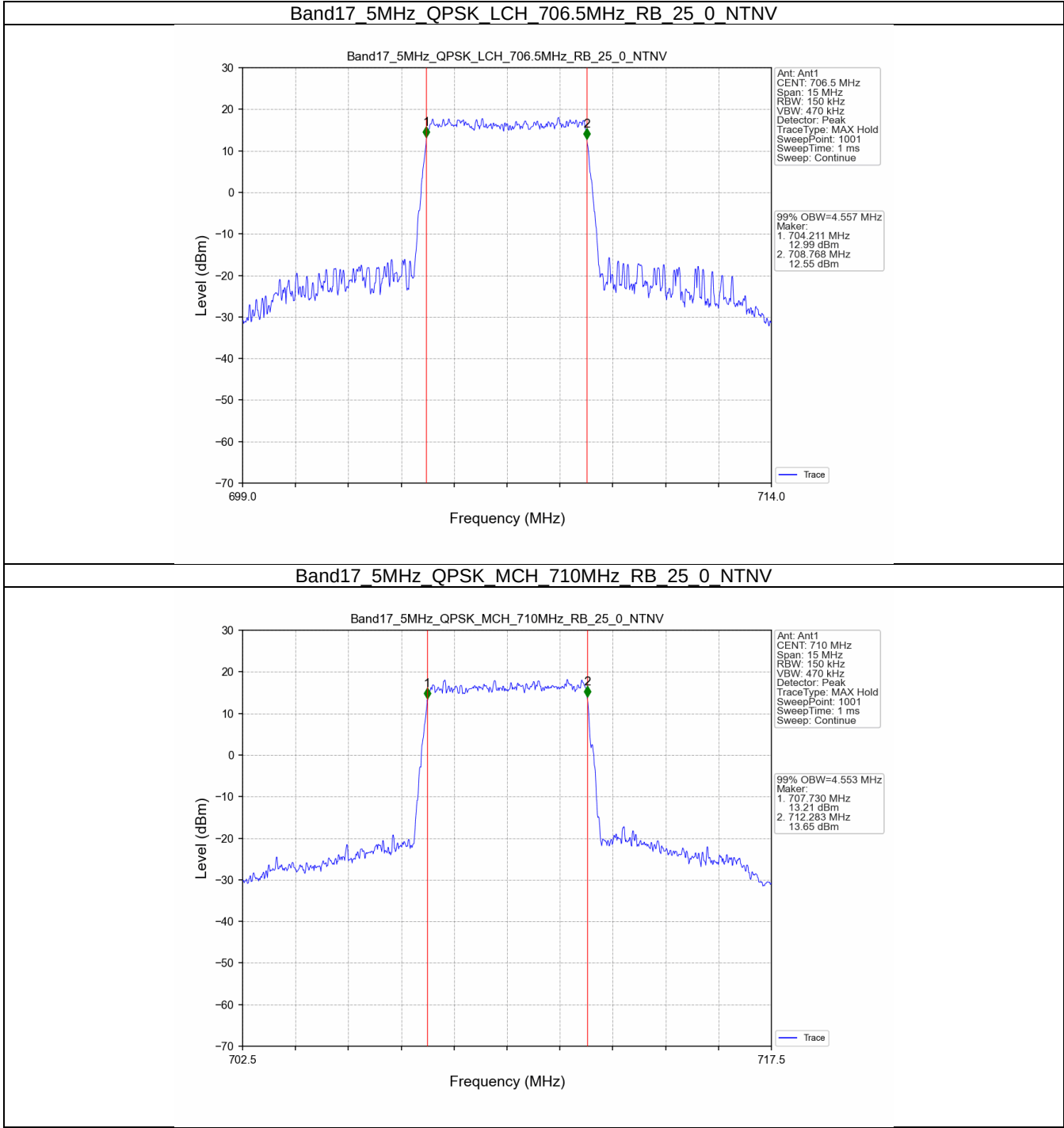
Band: 17 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	706.5	25	0	4.557	/	Pass
		710	25	0	4.553	/	Pass
		713.5	25	0	4.549	/	Pass
	16QAM	706.5	25	0	4.564	/	Pass
		710	25	0	4.563	/	Pass
		713.5	25	0	4.538	/	Pass
10	QPSK	709	50	0	9.069	/	Pass
		710	50	0	9.026	/	Pass
		711	50	0	9.006	/	Pass
	16QAM	709	50	0	9.035	/	Pass
		710	50	0	9.049	/	Pass
		711	50	0	9.010	/	Pass

3.1.2 Band17_XDB

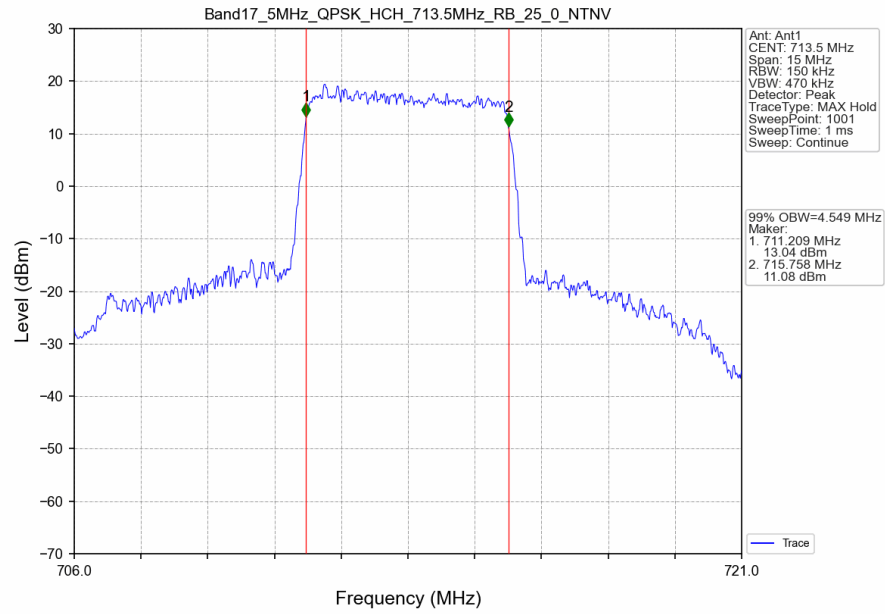
Band: 17 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	706.5	25	0	5.057	/	Pass
		710	25	0	5.040	/	Pass
		713.5	25	0	5.011	/	Pass
	16QAM	706.5	25	0	5.031	/	Pass
		710	25	0	5.045	/	Pass
		713.5	25	0	5.028	/	Pass
10	QPSK	709	50	0	9.929	/	Pass
		710	50	0	10.010	/	Pass
		711	50	0	9.877	/	Pass
	16QAM	709	50	0	9.969	/	Pass
		710	50	0	9.899	/	Pass
		711	50	0	9.899	/	Pass

3.2 Test Graph

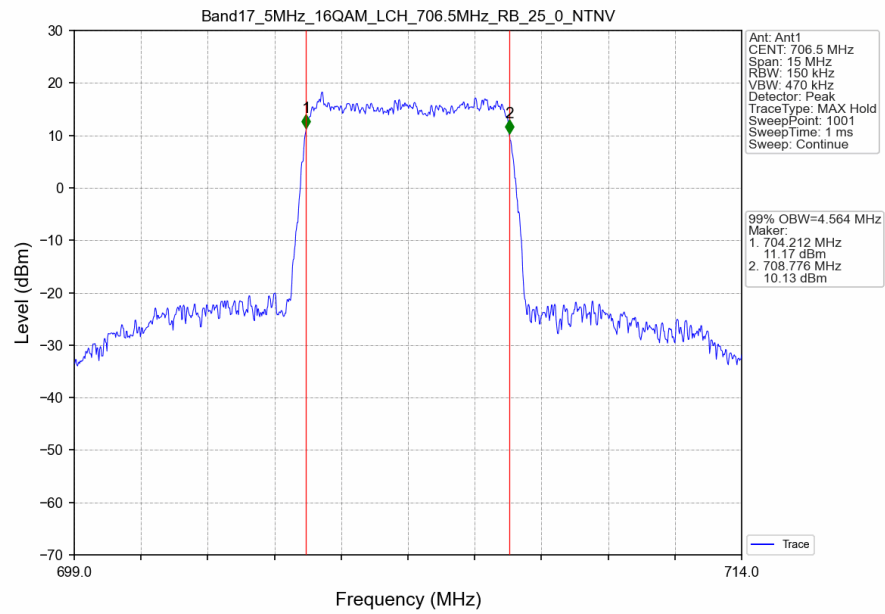
3.2.1 Band17_OBW



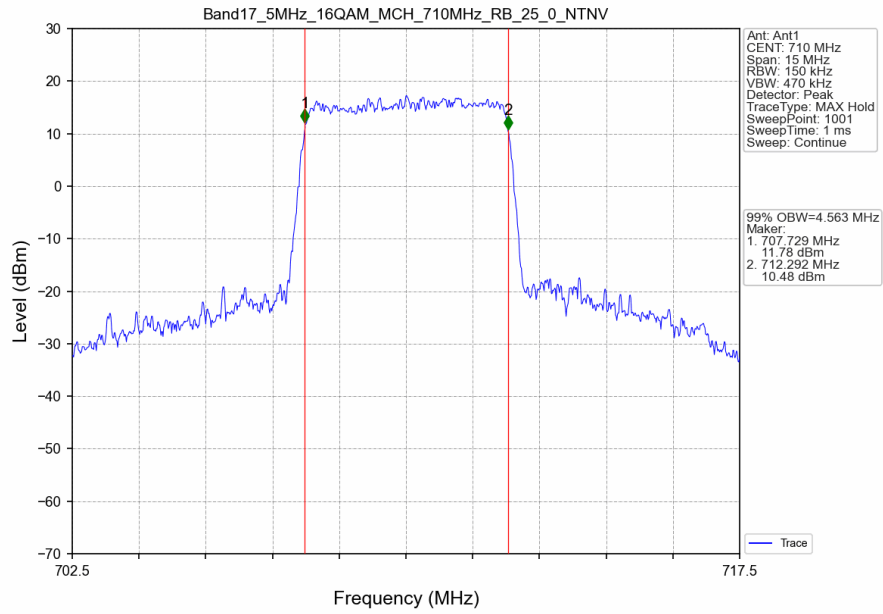
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



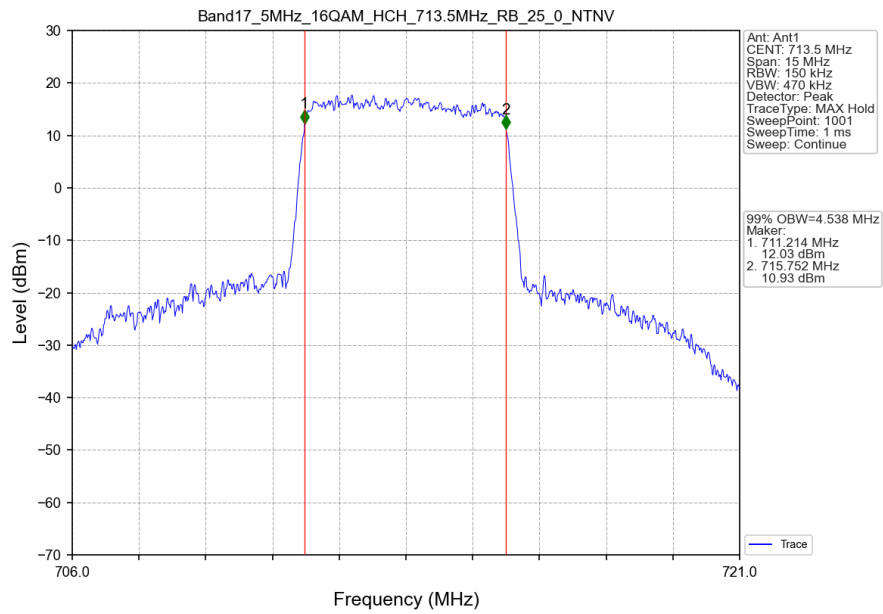
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



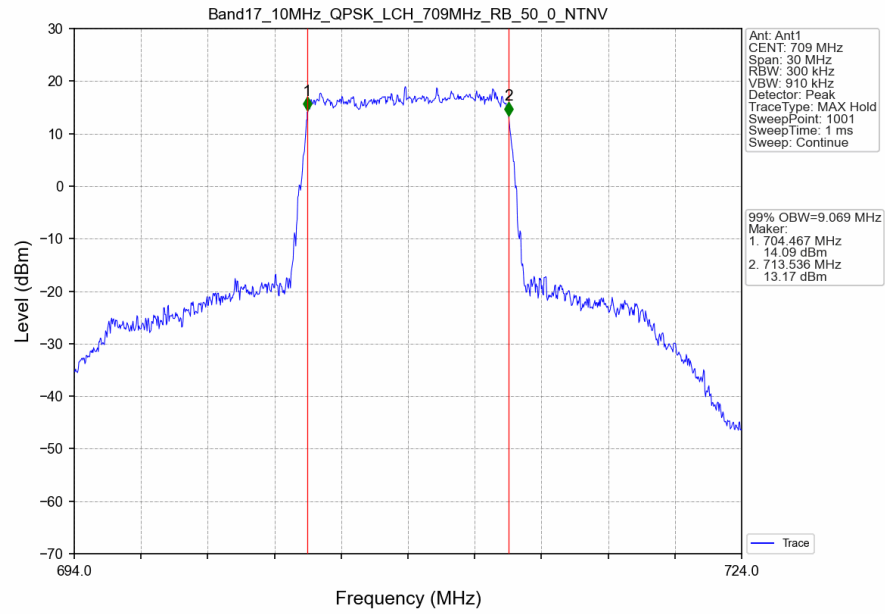
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



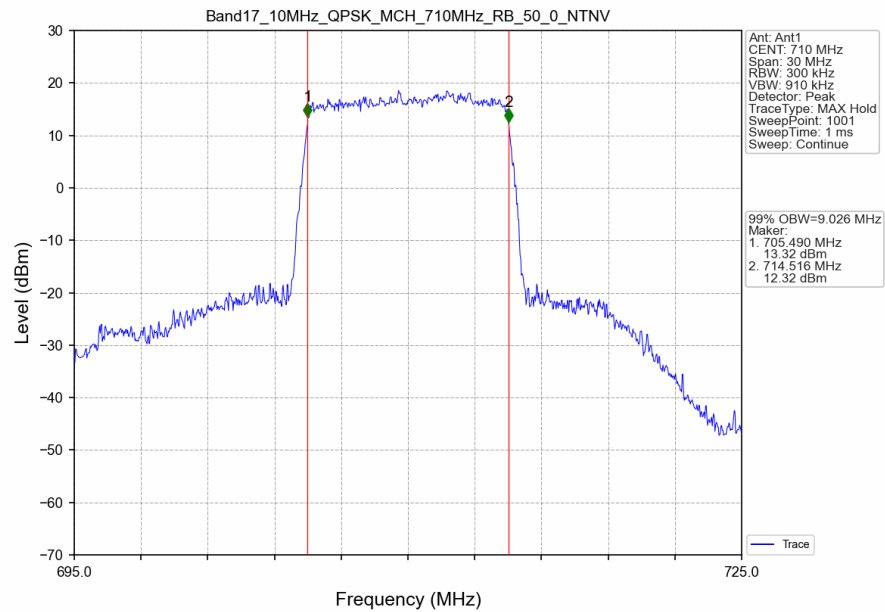
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



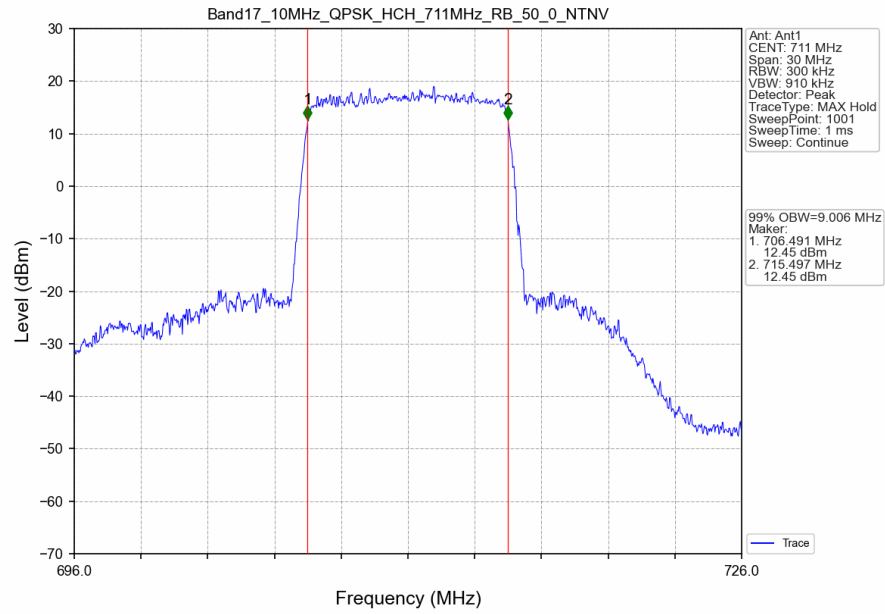
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



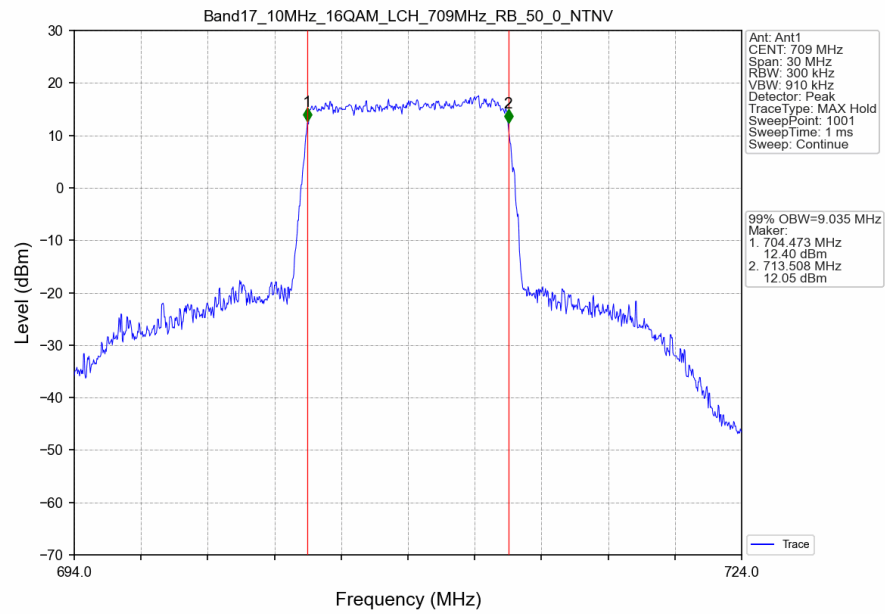
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



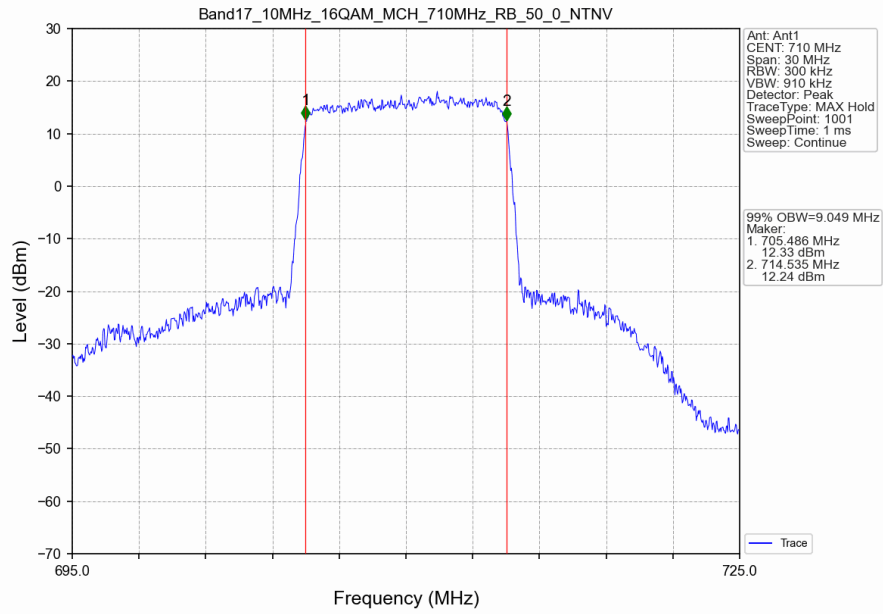
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



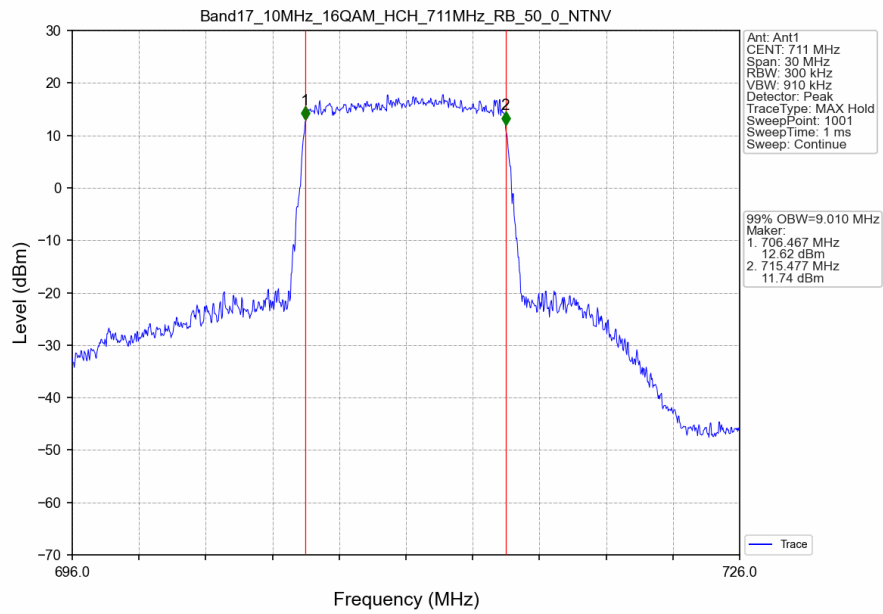
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



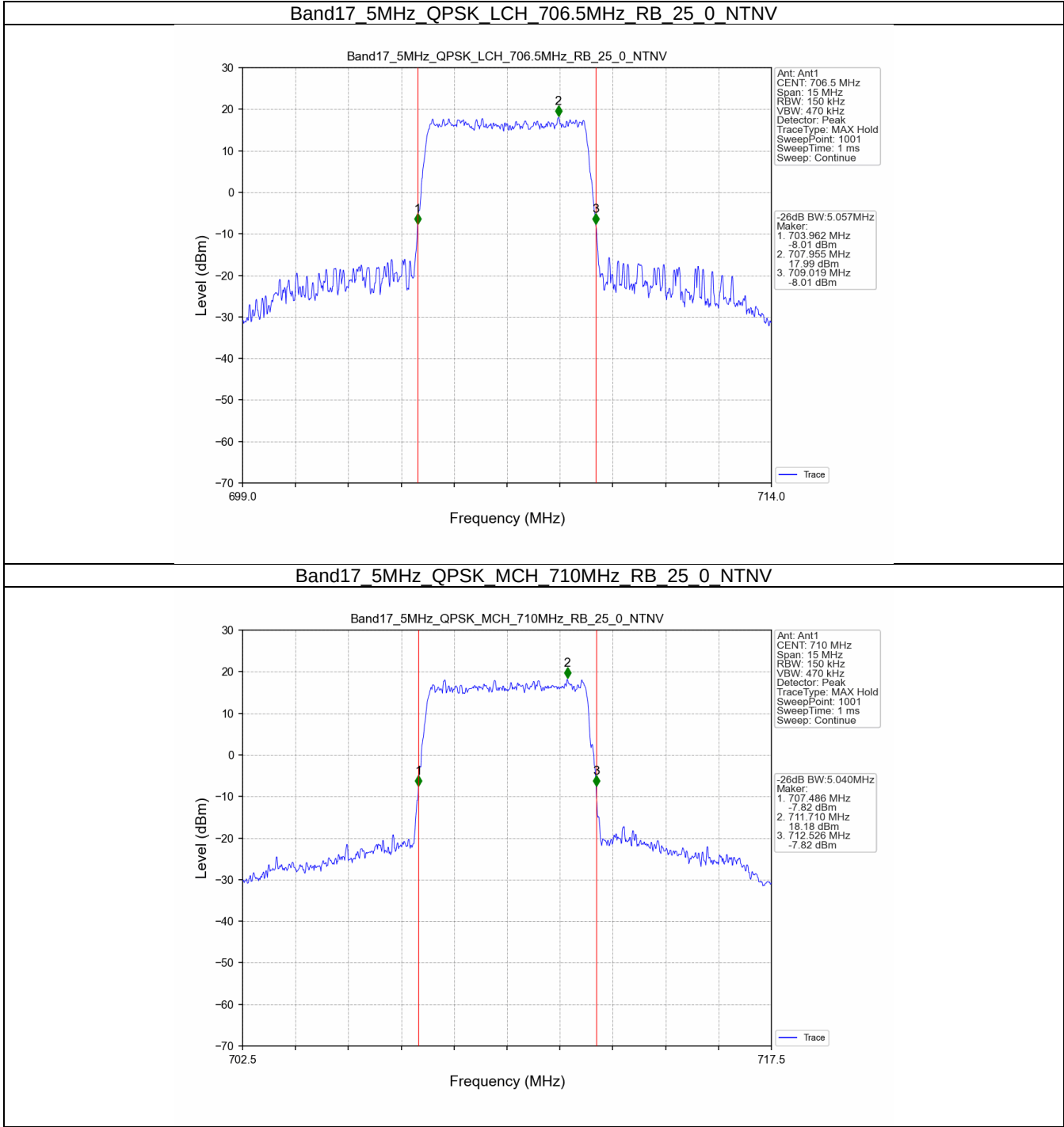
Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



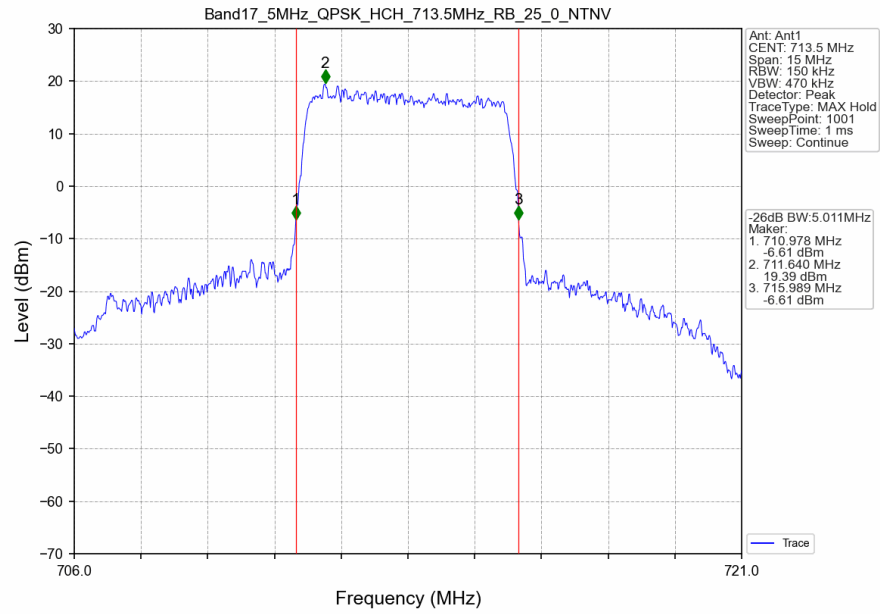
Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



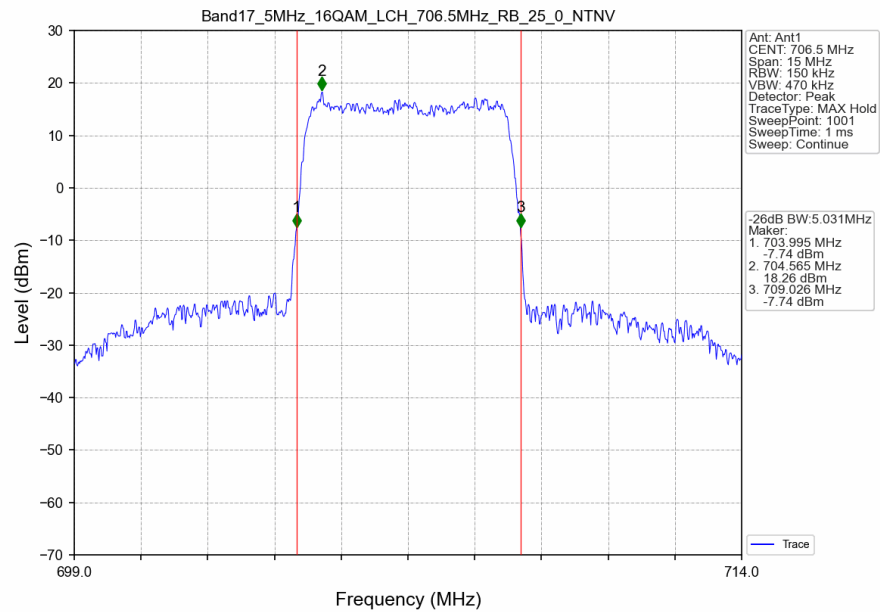
3.2.2 Band17_XDB



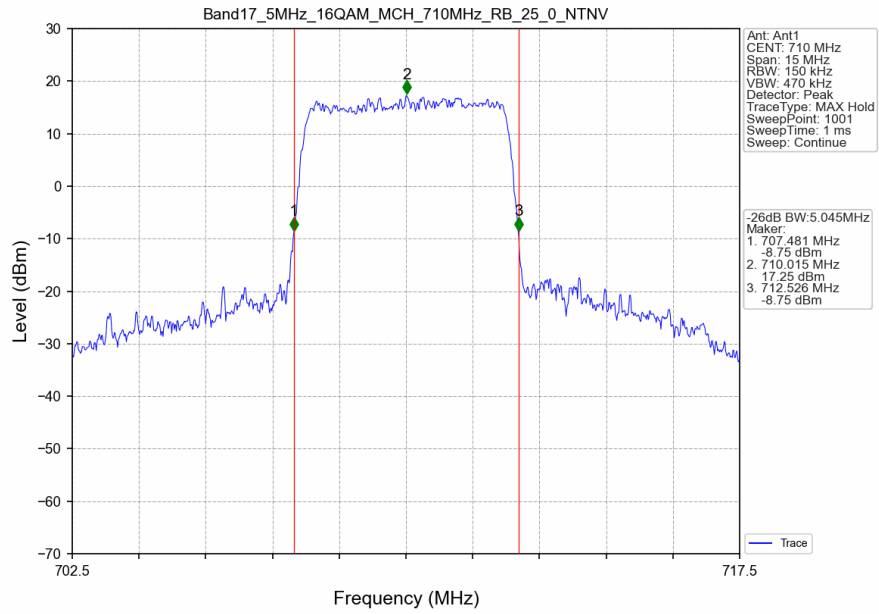
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



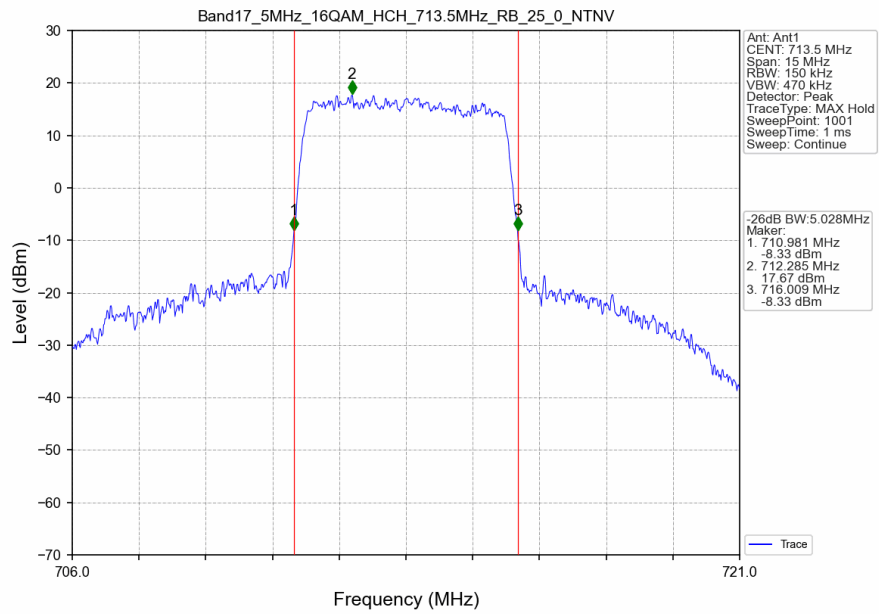
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



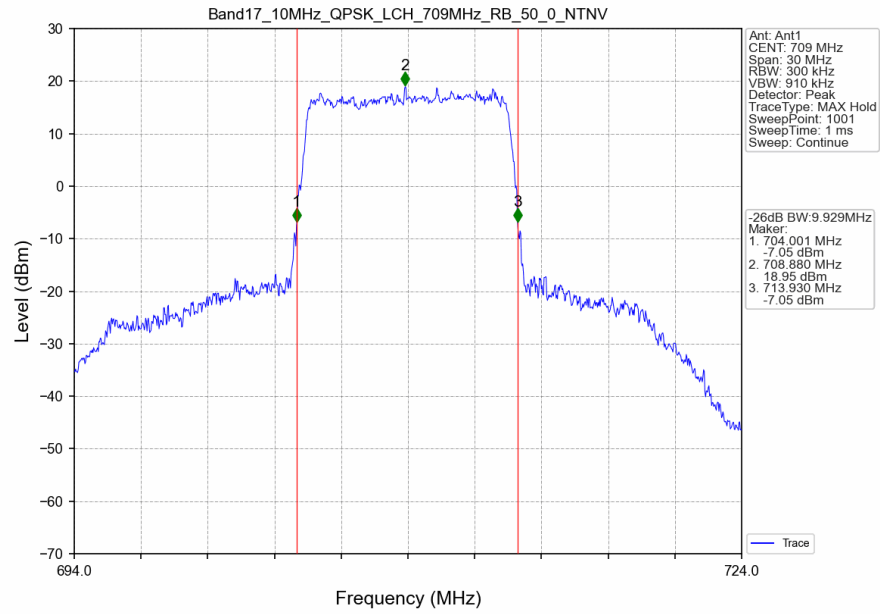
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



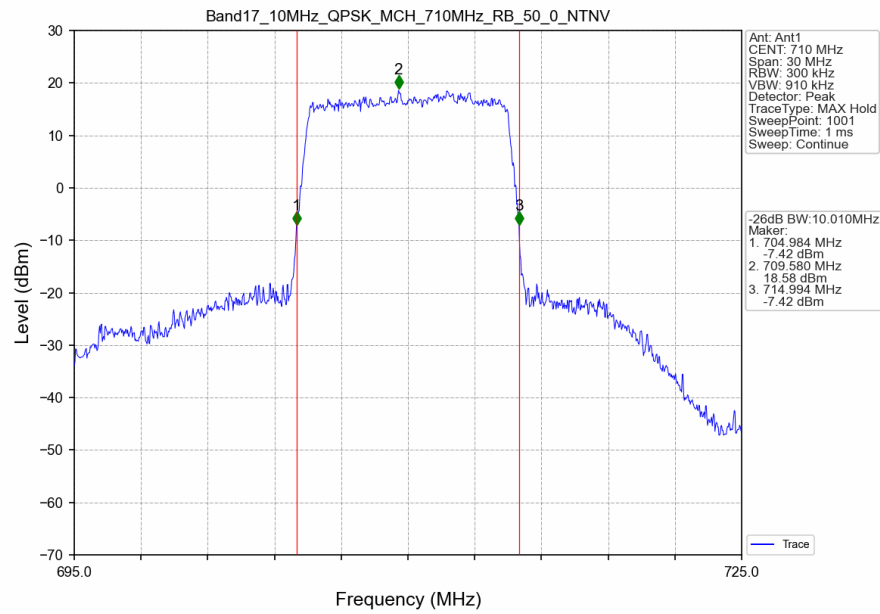
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



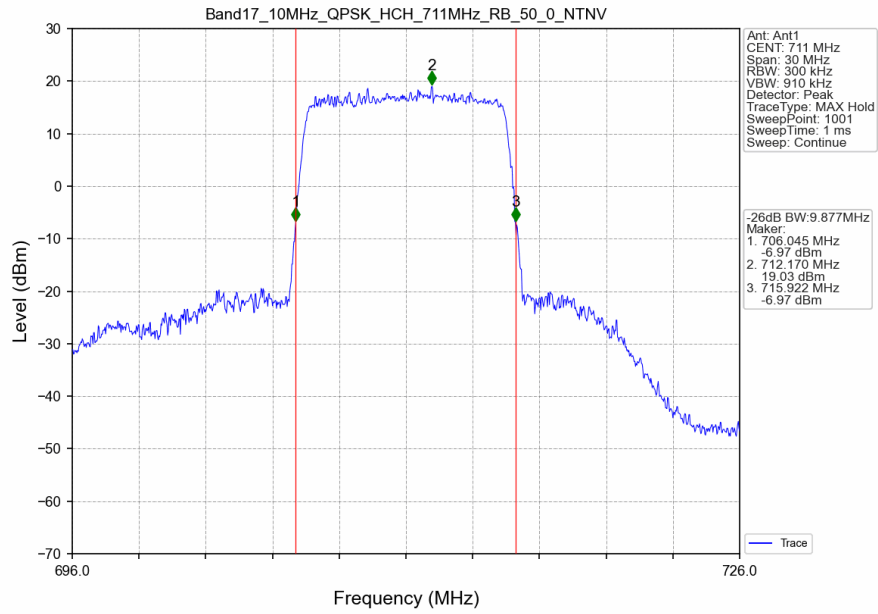
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



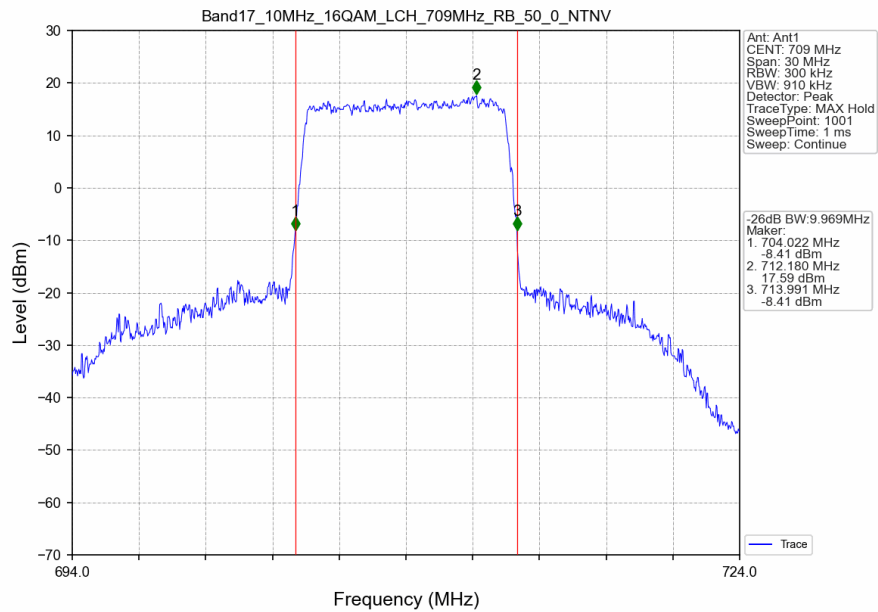
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



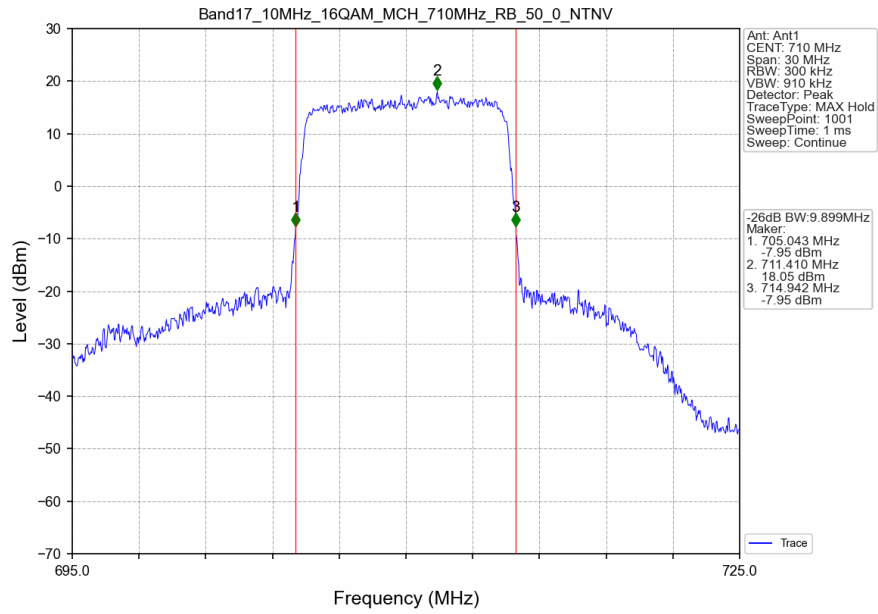
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



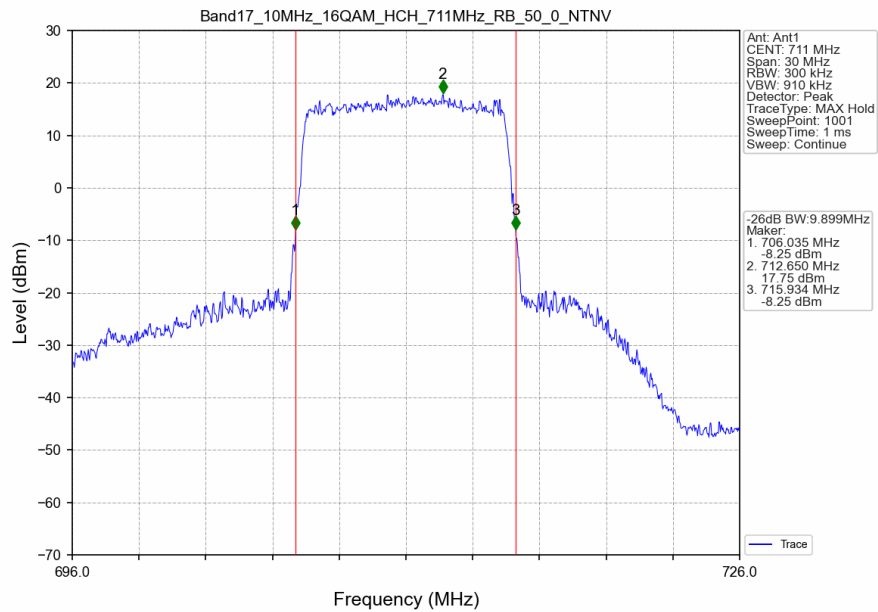
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



4. Peak-Average Ratio

4.1 Test Result

4.1.1 B17_5MHz

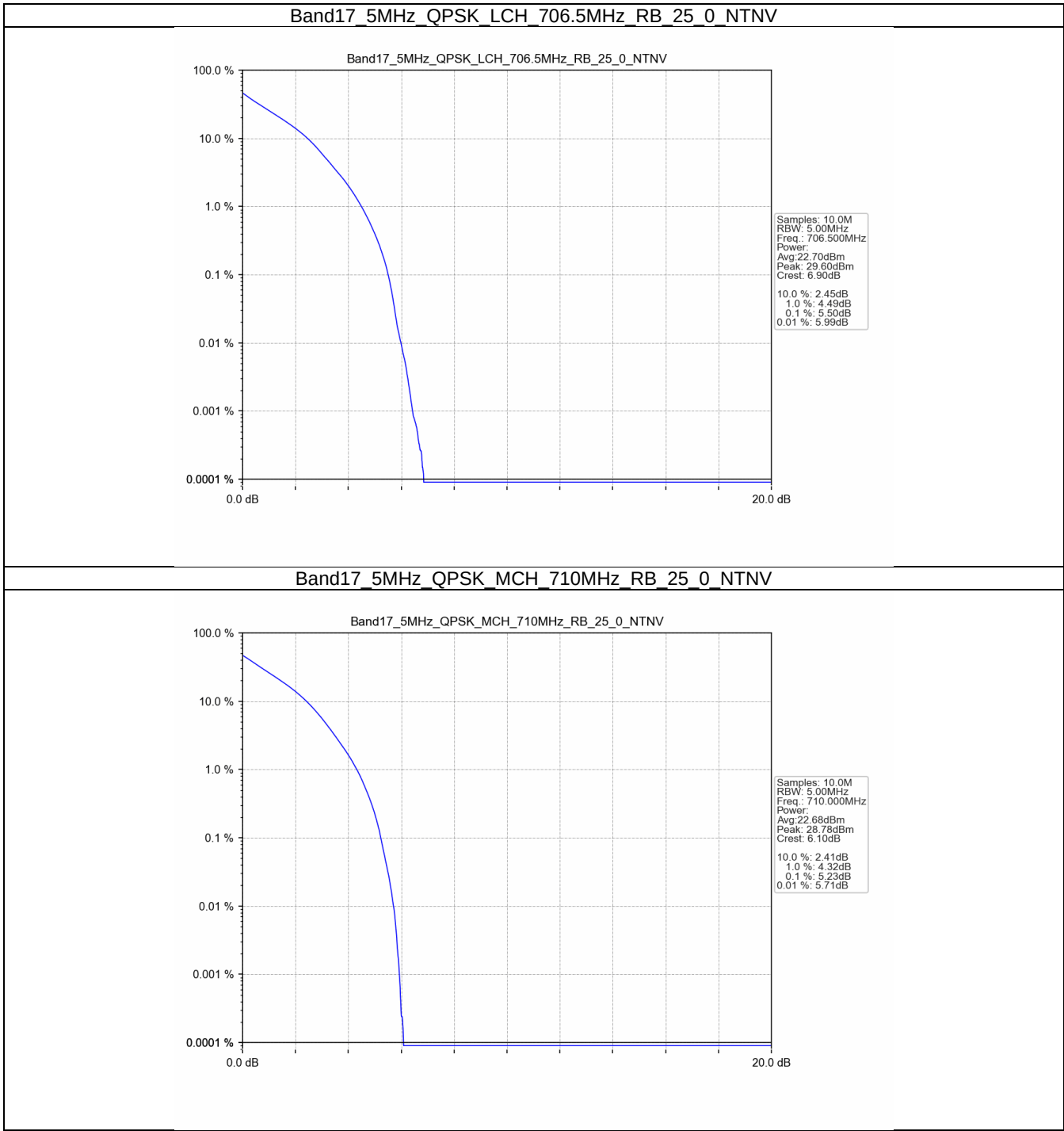
Band: 17 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	706.5	25	0	5.50	<=13	Pass
	710	25	0	5.23	<=13	Pass
	713.5	25	0	5.02	<=13	Pass
16QAM	706.5	25	0	6.27	<=13	Pass
	710	25	0	6.03	<=13	Pass
	713.5	25	0	5.77	<=13	Pass

4.1.2 B17_10MHz

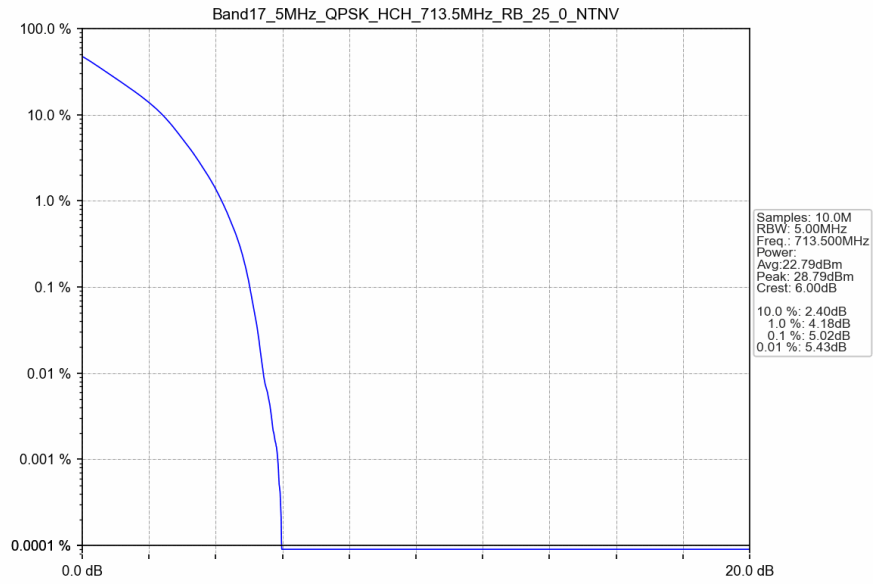
Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	709	50	0	5.23	<=13	Pass
	710	50	0	5.17	<=13	Pass
	711	50	0	5.17	<=13	Pass
16QAM	709	50	0	6.05	<=13	Pass
	710	50	0	6.04	<=13	Pass
	711	50	0	5.97	<=13	Pass

4.2 Test Graph

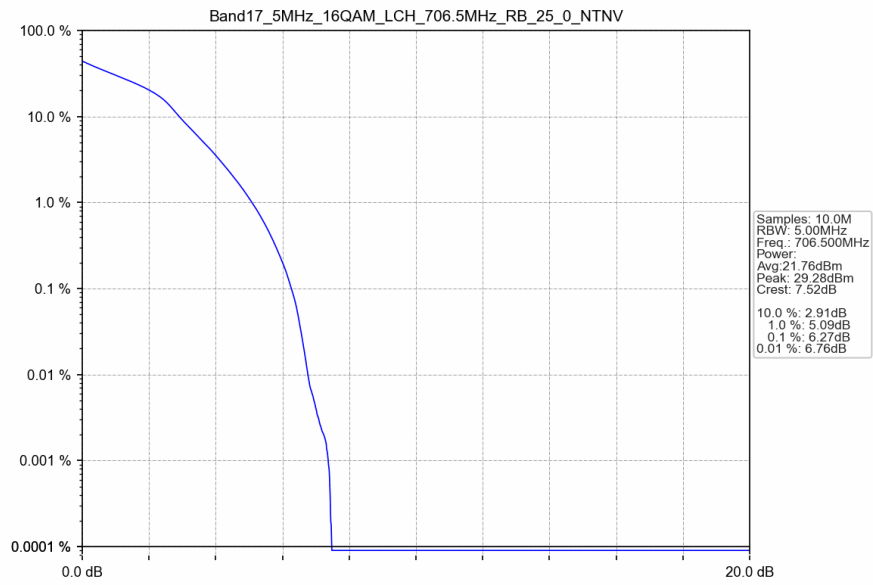
4.2.1 B17_5MHz



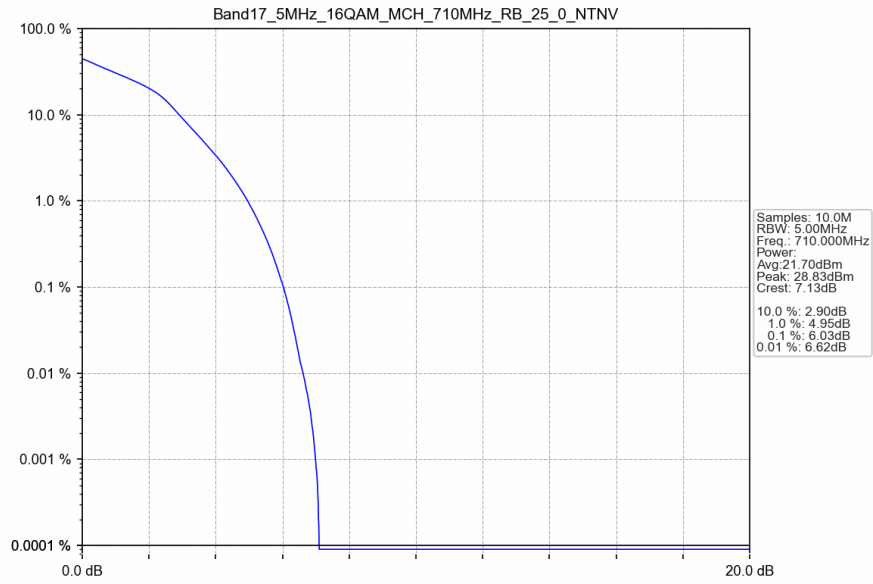
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



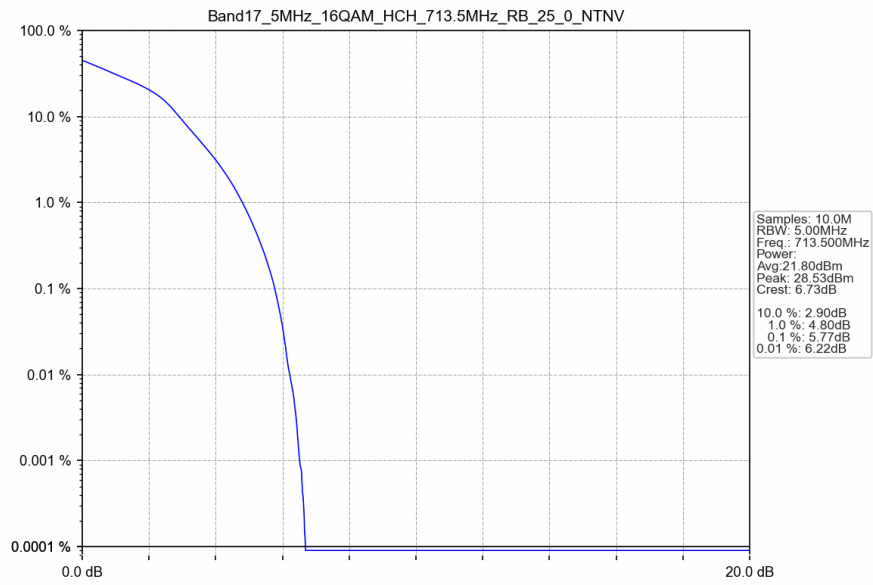
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



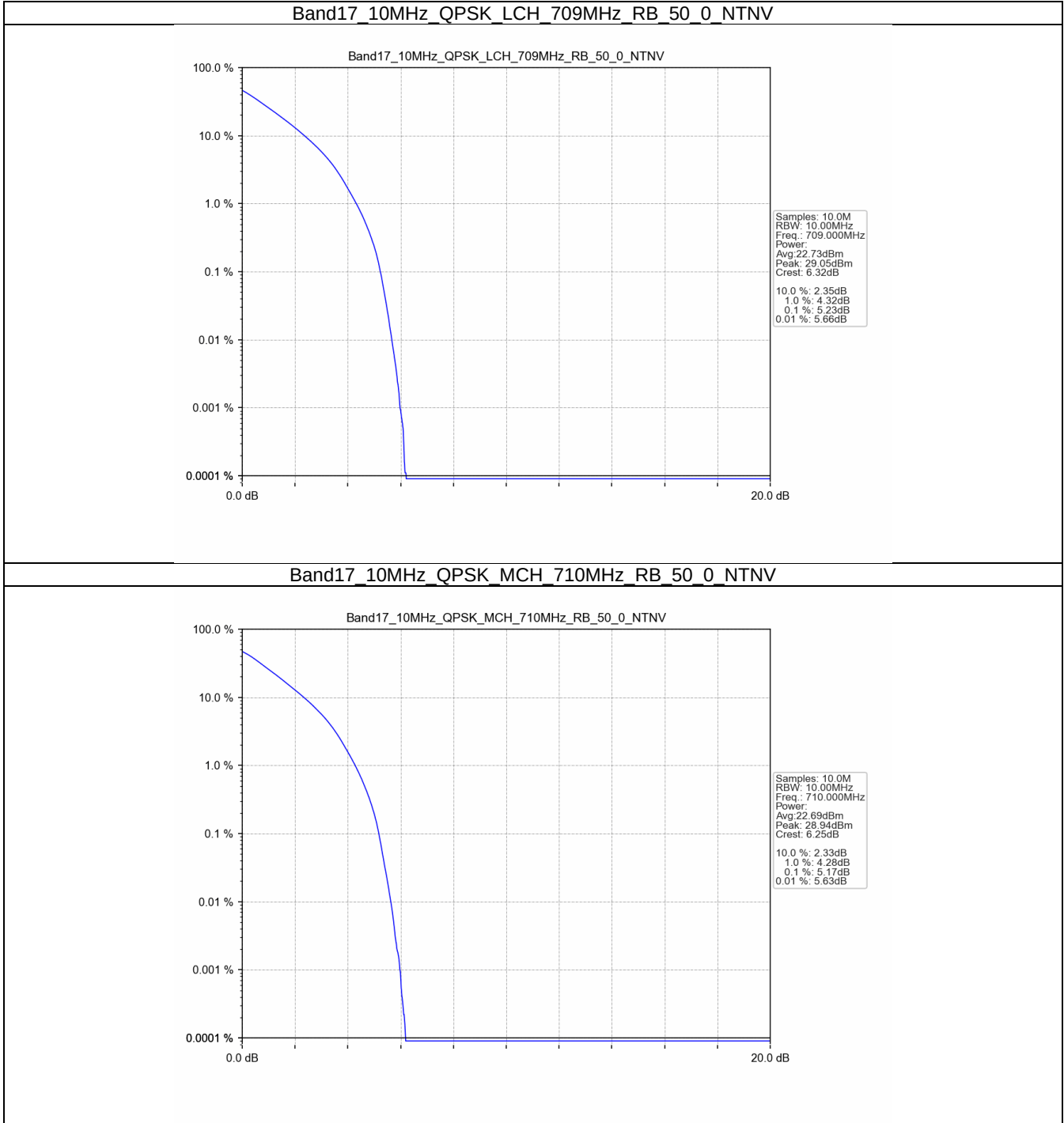
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



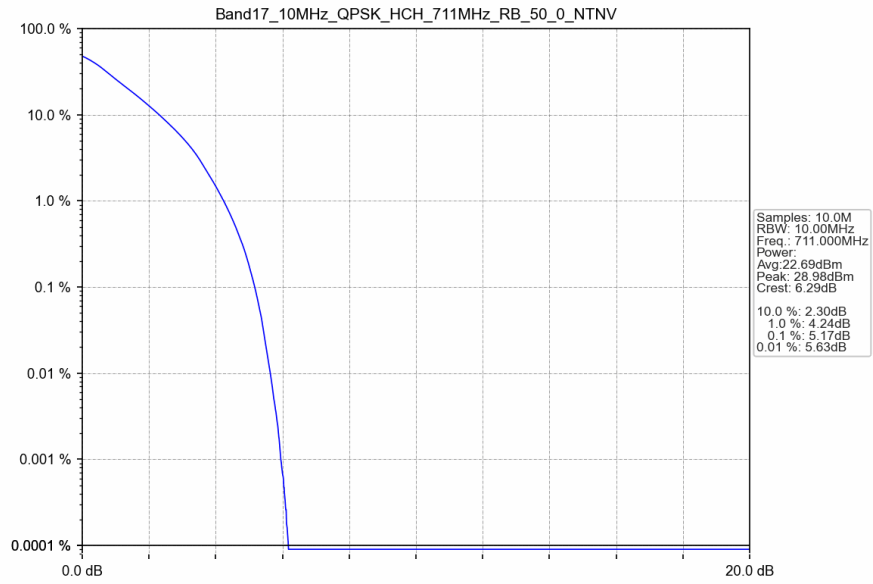
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



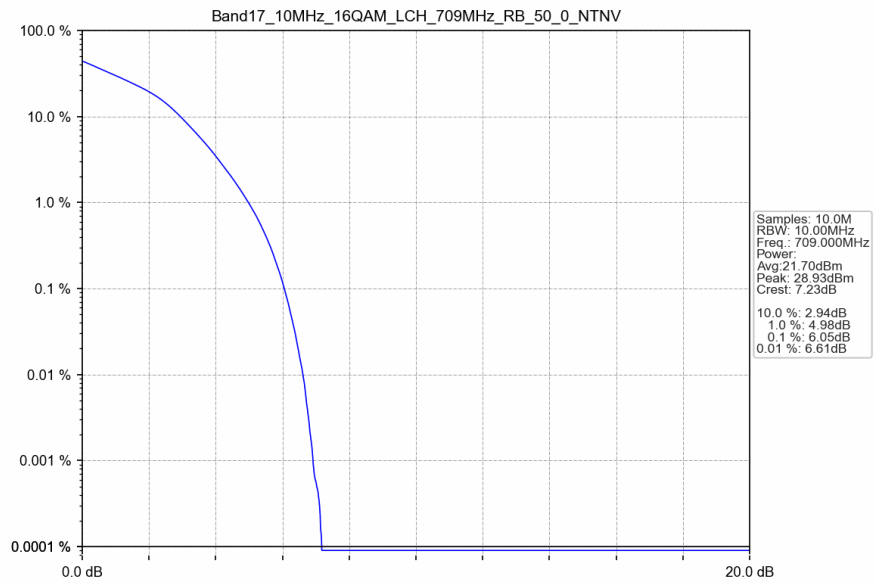
4.2.2 B17_10MHz



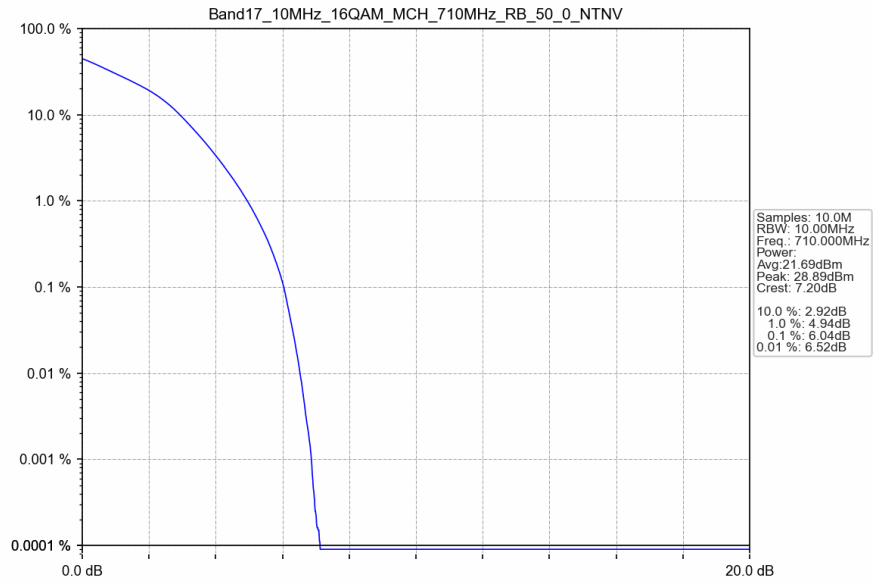
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



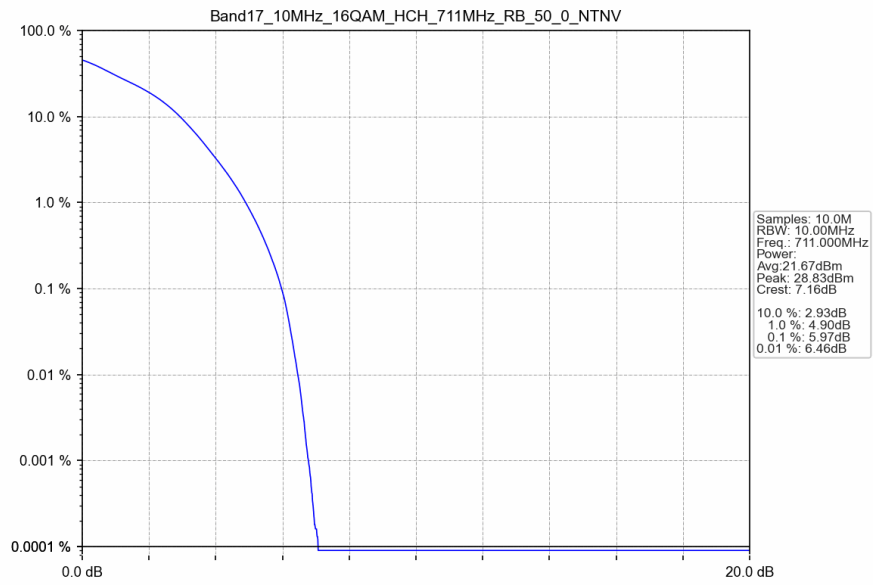
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B17_5MHz

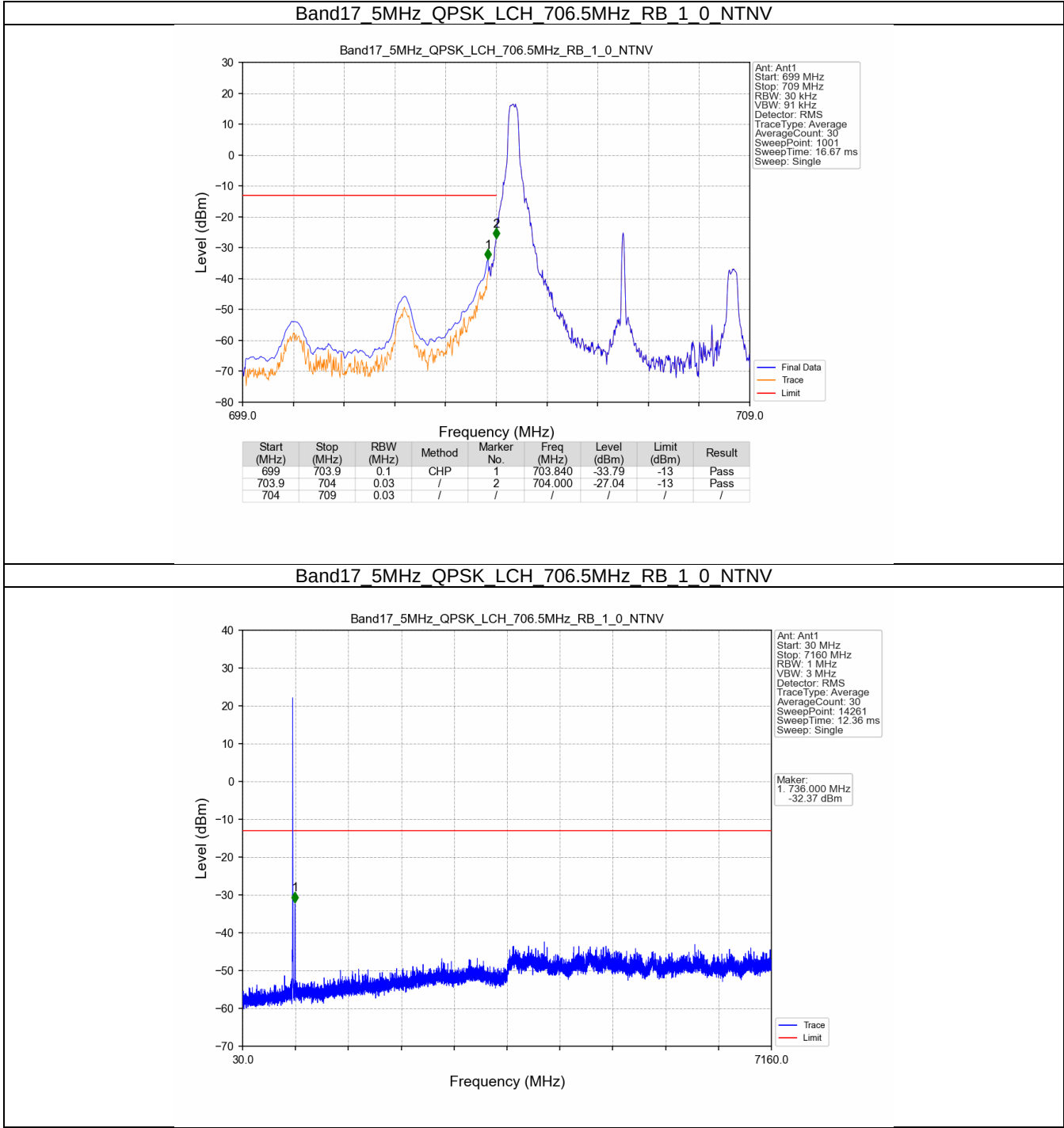
Band: 17 / Bandwidth: 5MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	706.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	710	1	0	Refer To Test Graph		Pass
	713.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test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

5.1.2 B17_10MHz

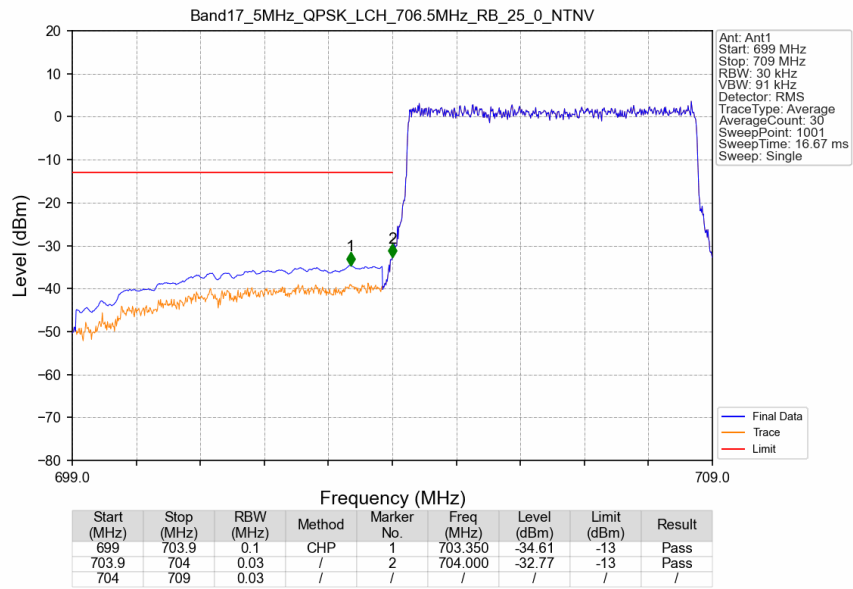
Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	709	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	710	1	0	Refer To Test Graph		Pass
	711	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph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

5.2 Test Graph

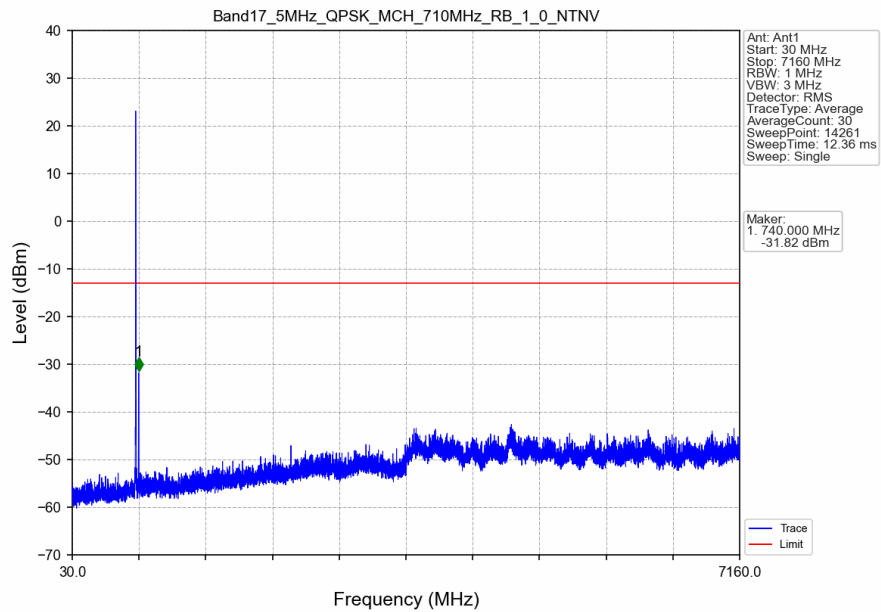
5.2.1 B17_5MHz



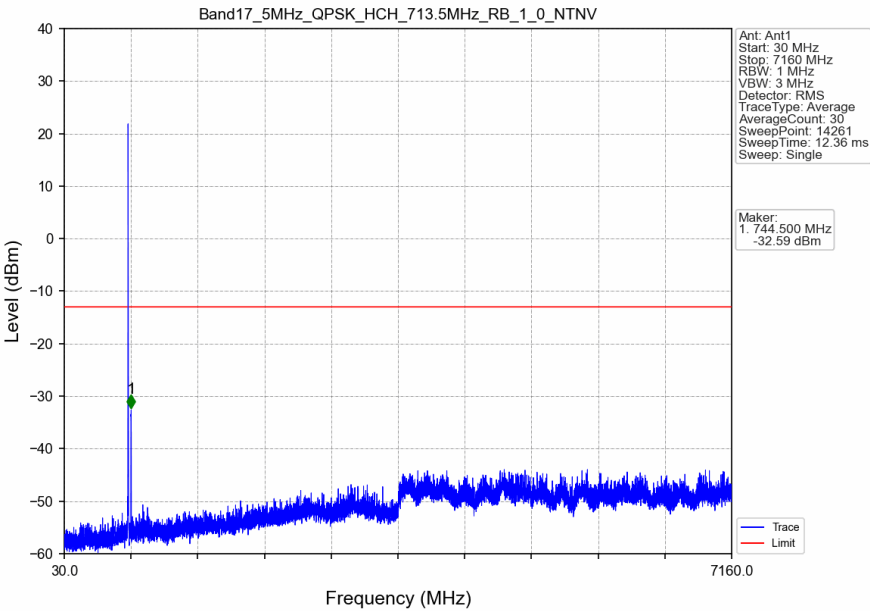
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



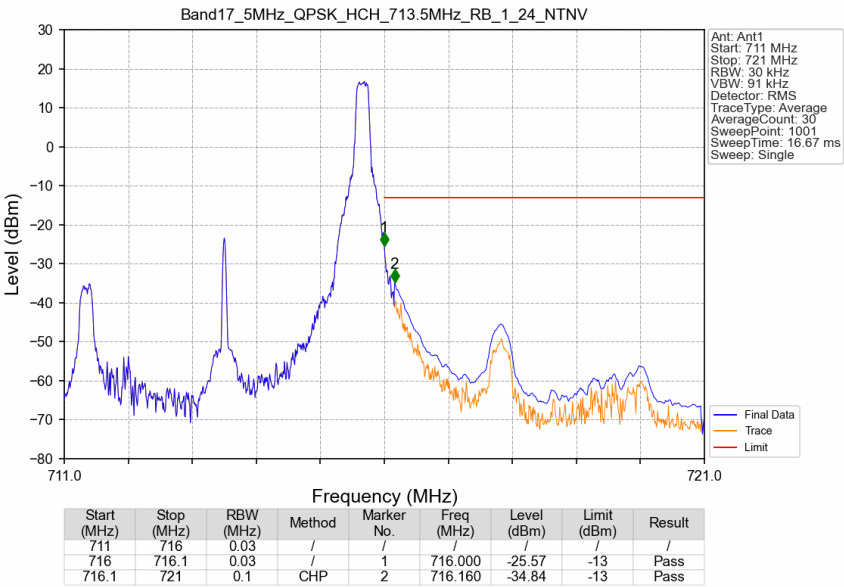
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



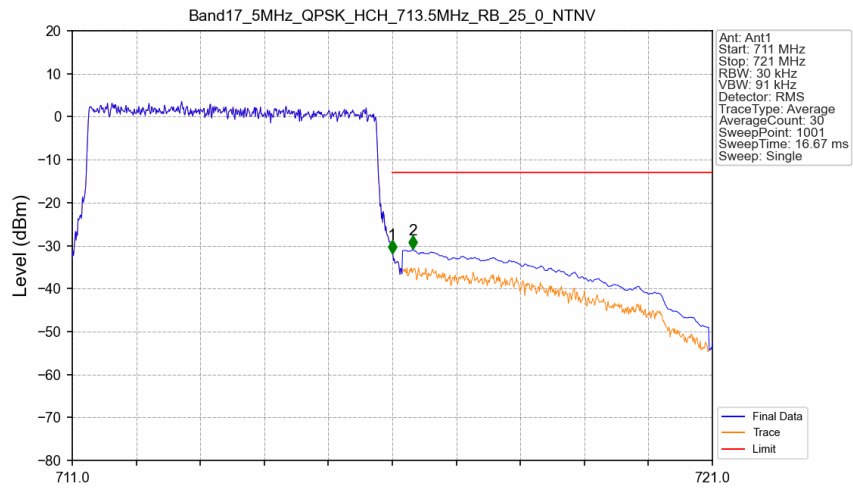
Band17 5MHz QPSK HCH 713.5MHz RB 1 0 NTN



Band17 5MHz QPSK HCH 713.5MHz RB 1 24 NTN

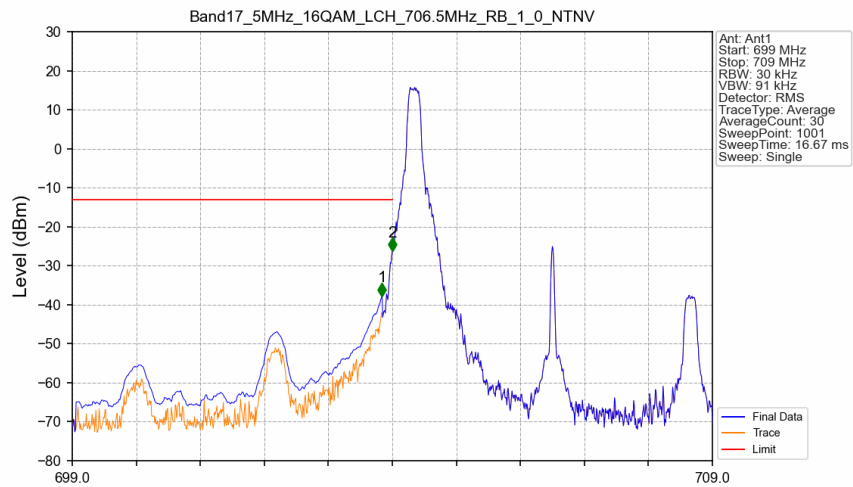


Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



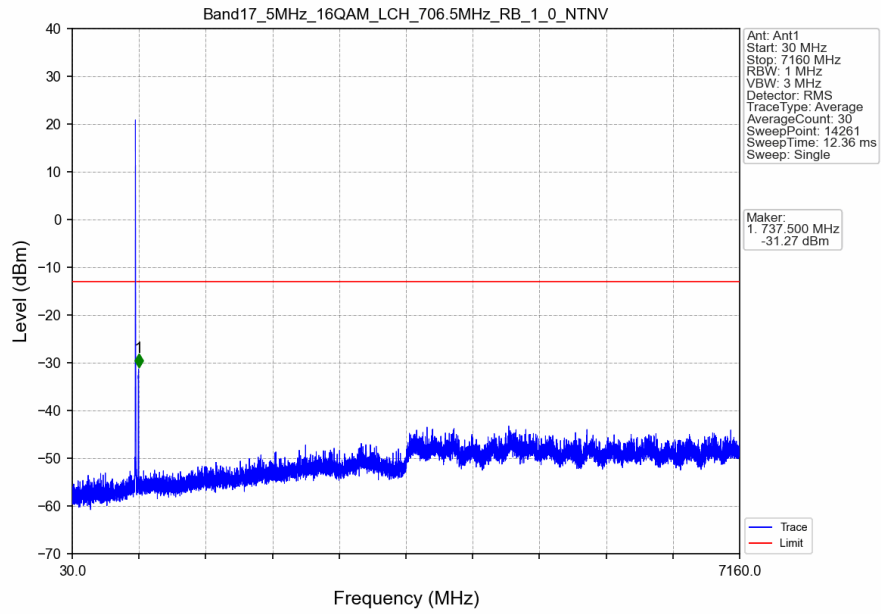
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-31.92	-13	Pass
716.1	721	0.1	CHP	2	716.320	-30.87	-13	Pass

Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV

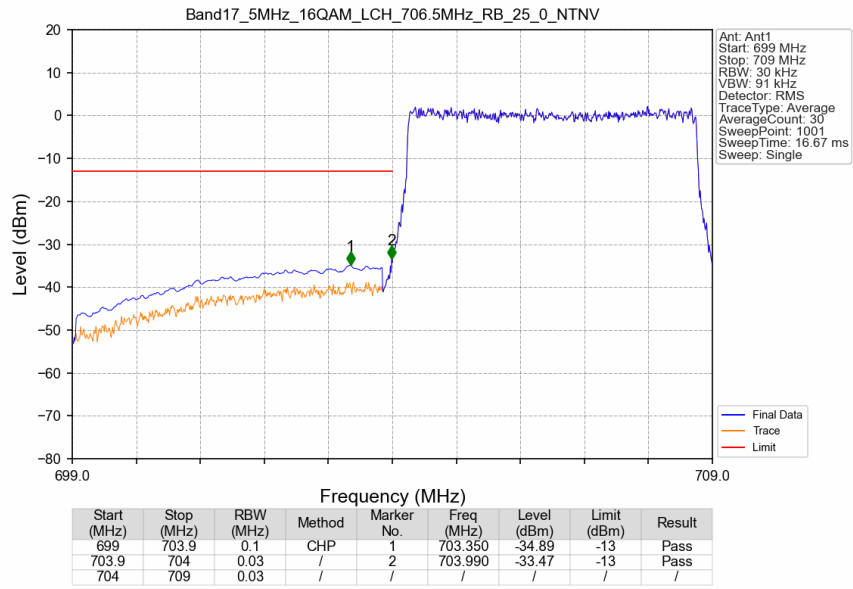


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-37.83	-13	Pass
703.9	704	0.03	/	2	704.000	-26.27	-13	Pass
704	709	0.03	/	/	/	/	/	/

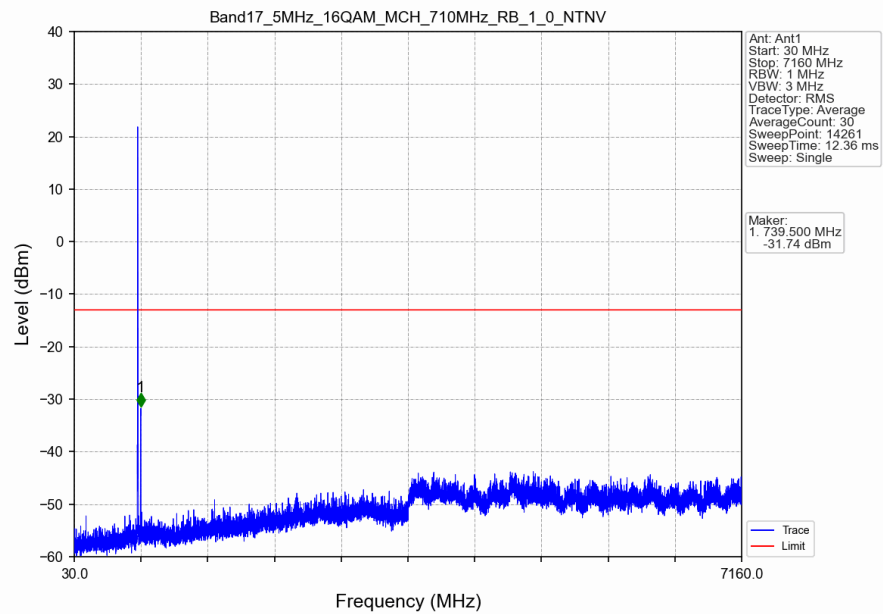
Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV



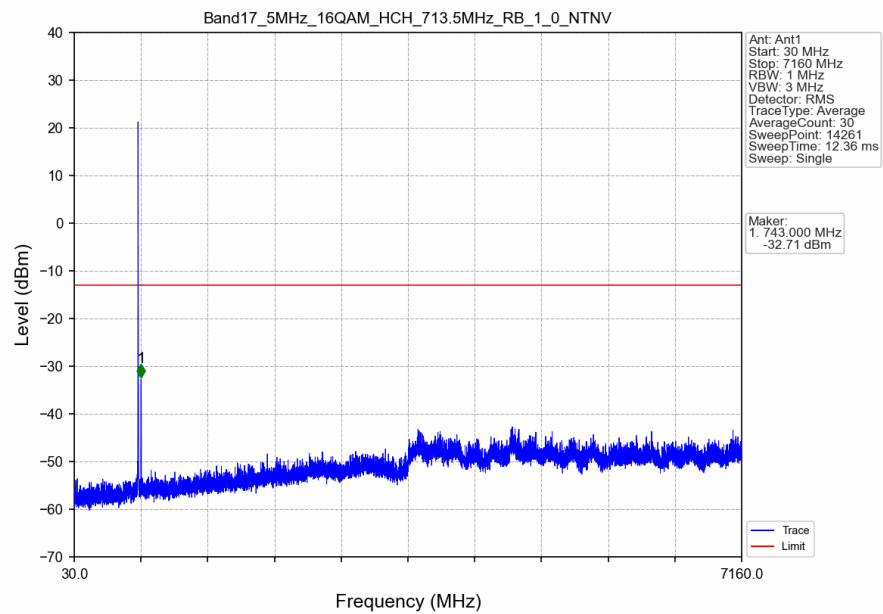
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



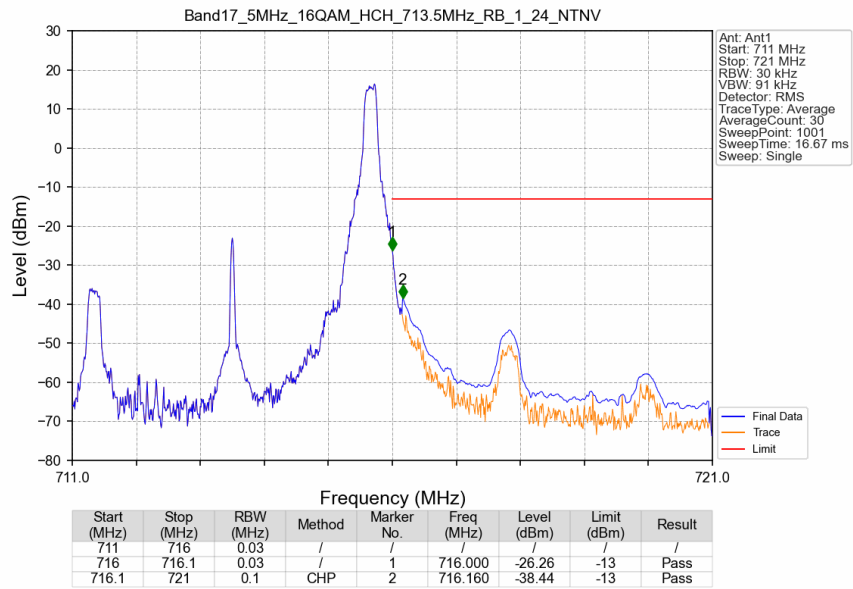
Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



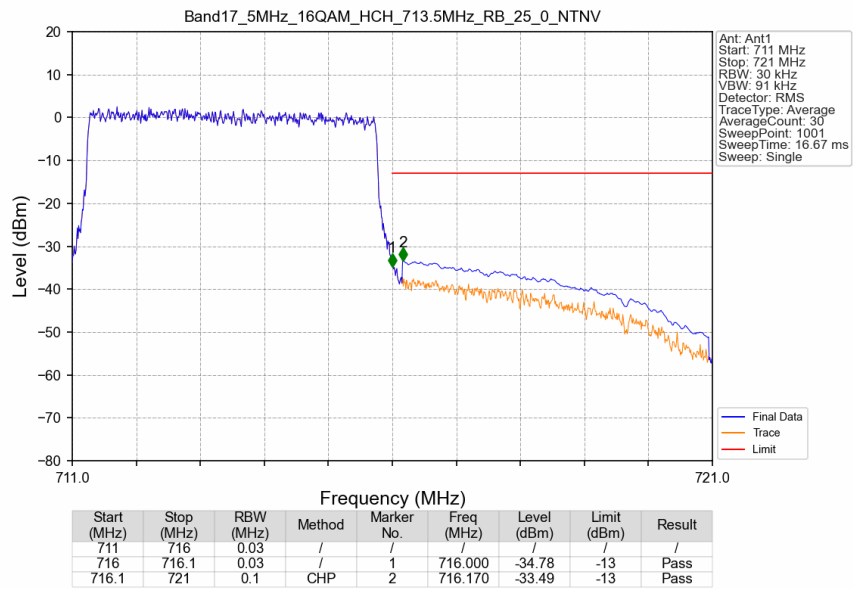
Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



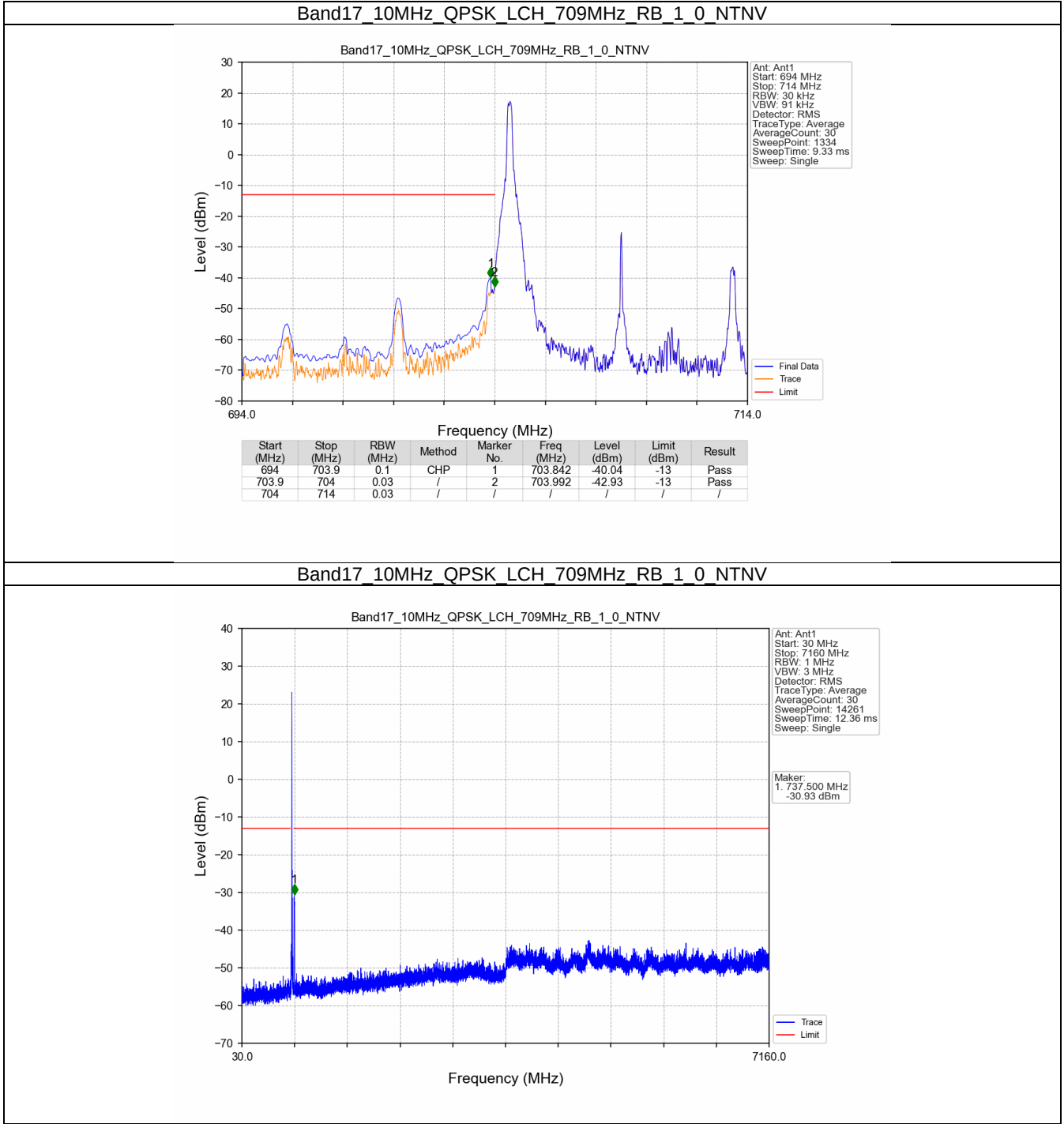
Band17 5MHz 16QAM HCH 713.5MHz RB 1 24 NTNV



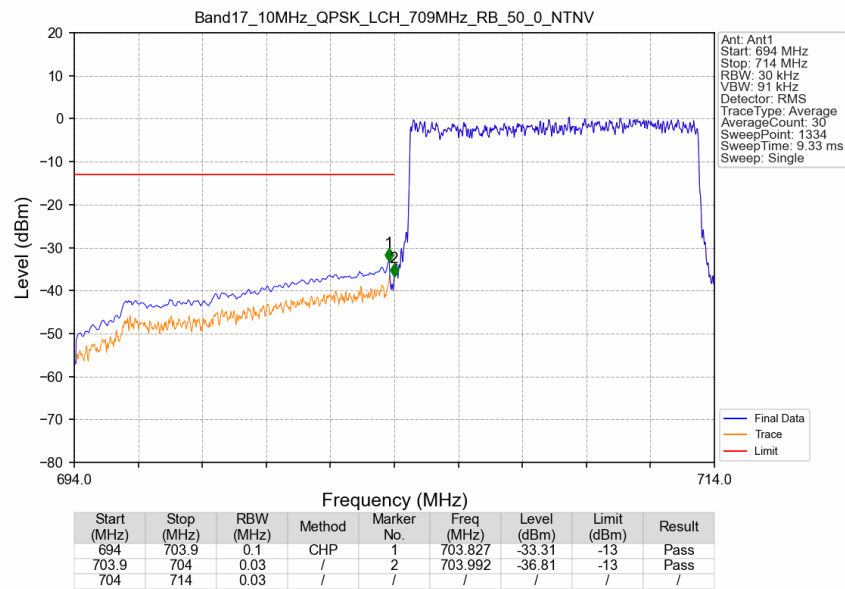
Band17 5MHz 16QAM HCH 713.5MHz RB 25 0 NTNV



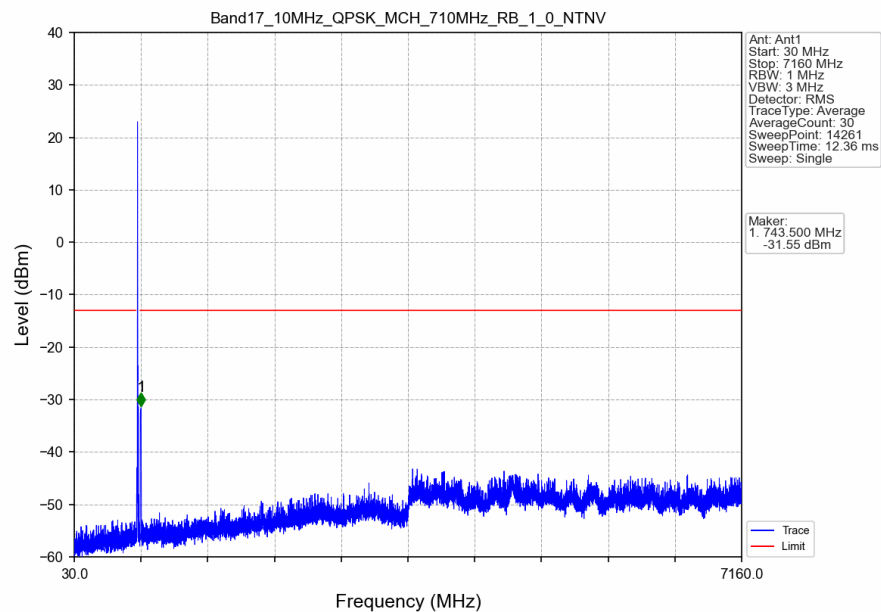
5.2.2 B17_10MHz



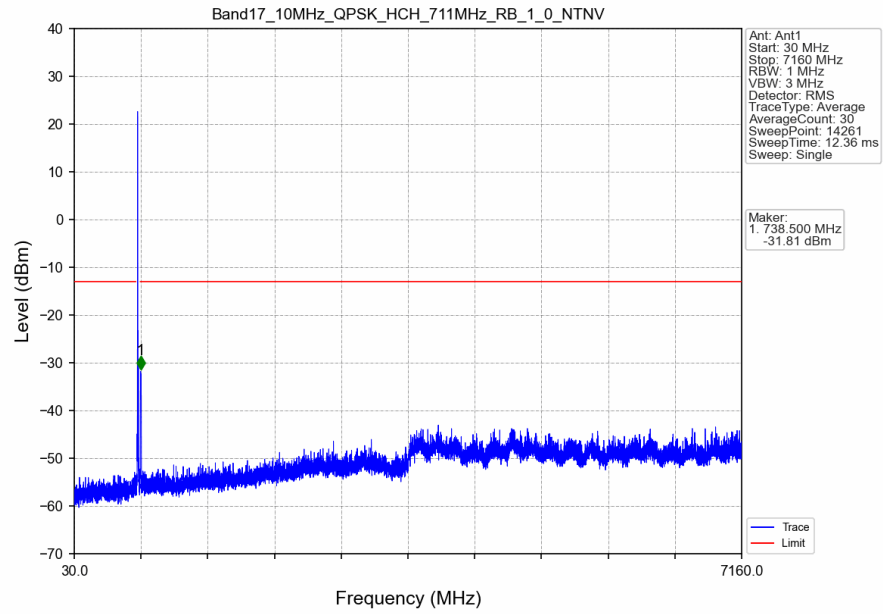
Band17 10MHz QPSK LCH 709MHz RB 50 0 NTNV



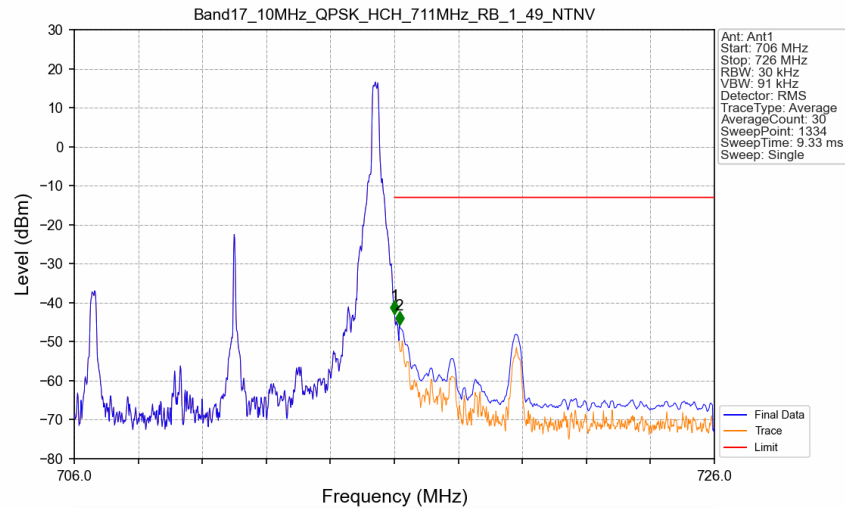
Band17 10MHz QPSK MCH 710MHz RB 1 0 NTNV



Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV

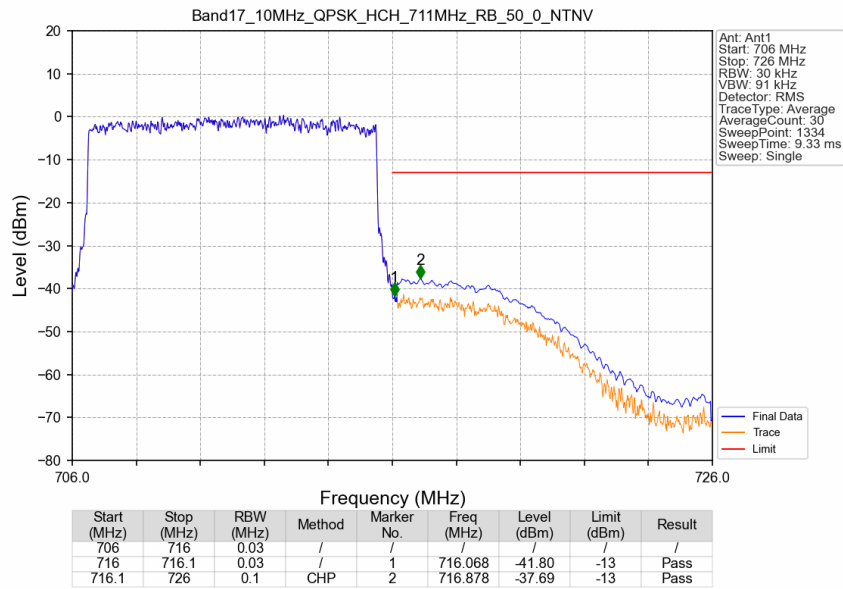


Band17_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV

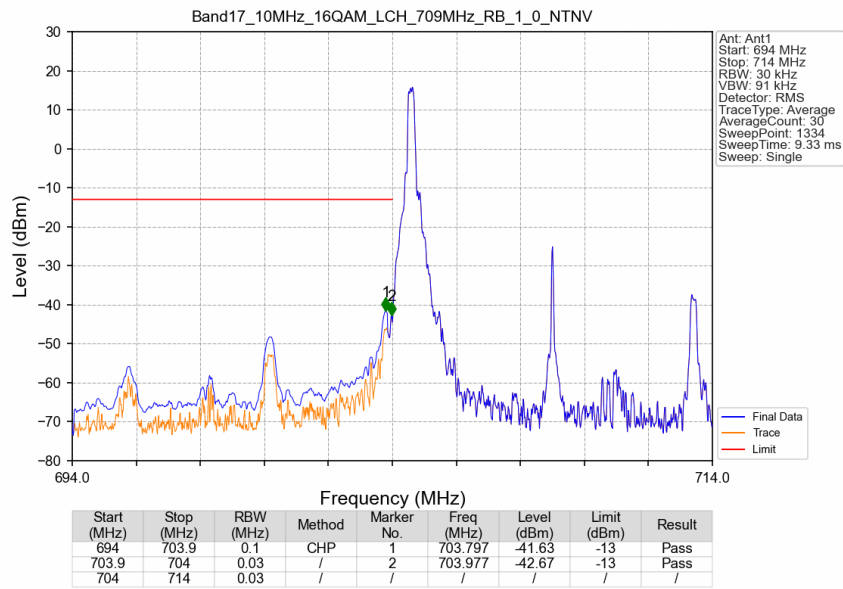


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	1	716.008	-42.90	-13	Pass
716.1	726	0.1	CHP	2	716.158	-45.57	-13	Pass

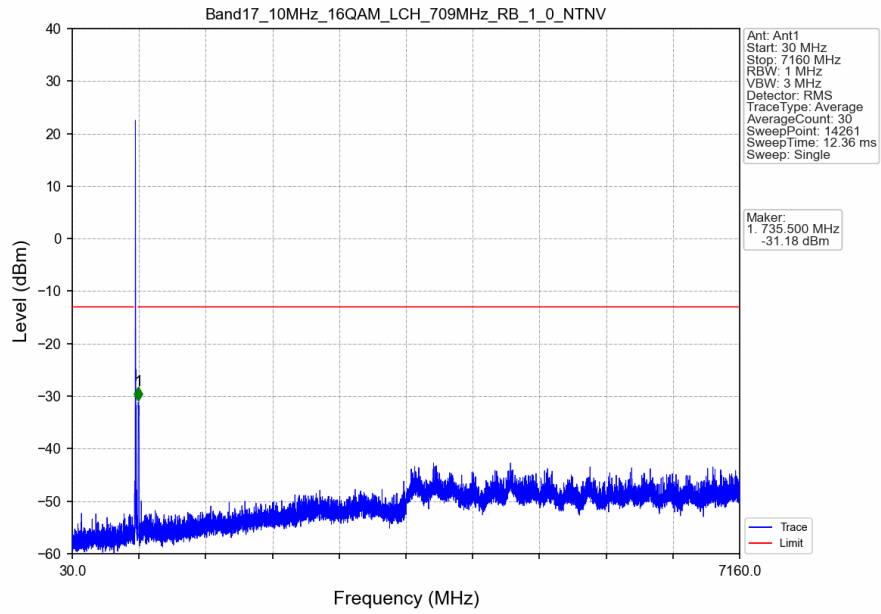
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



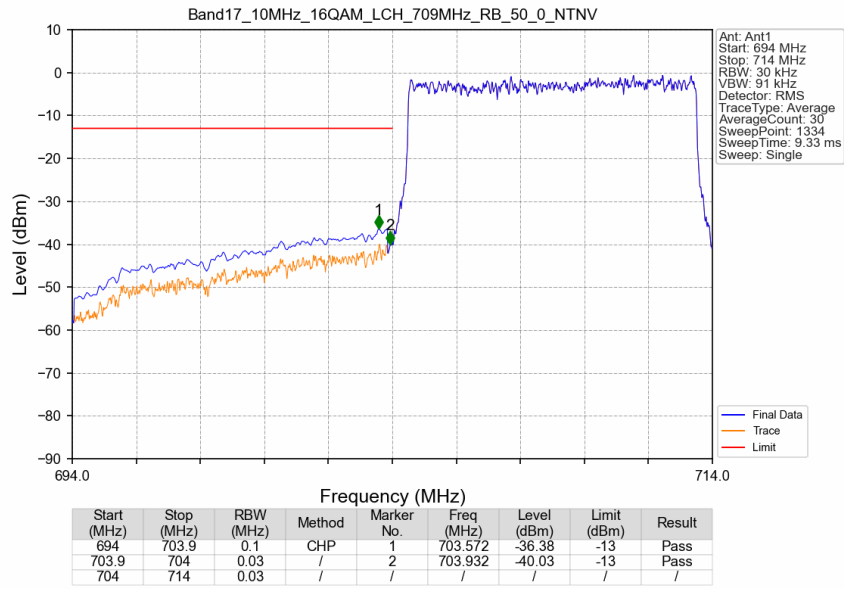
Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV



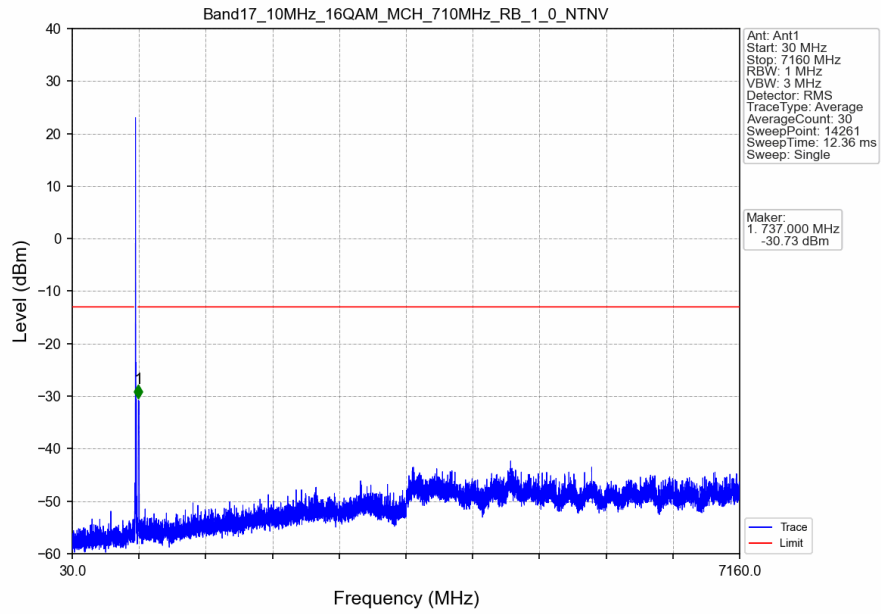
Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV



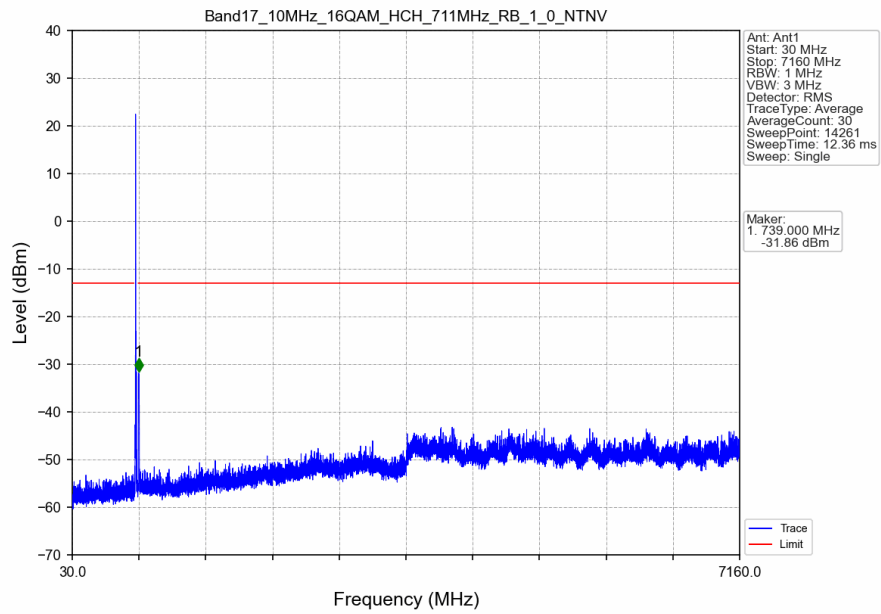
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



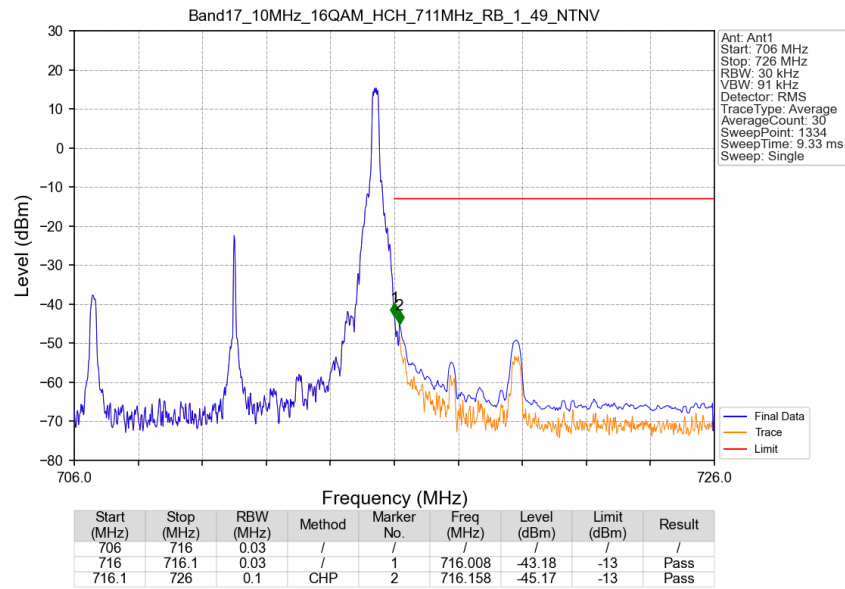
Band17_10MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



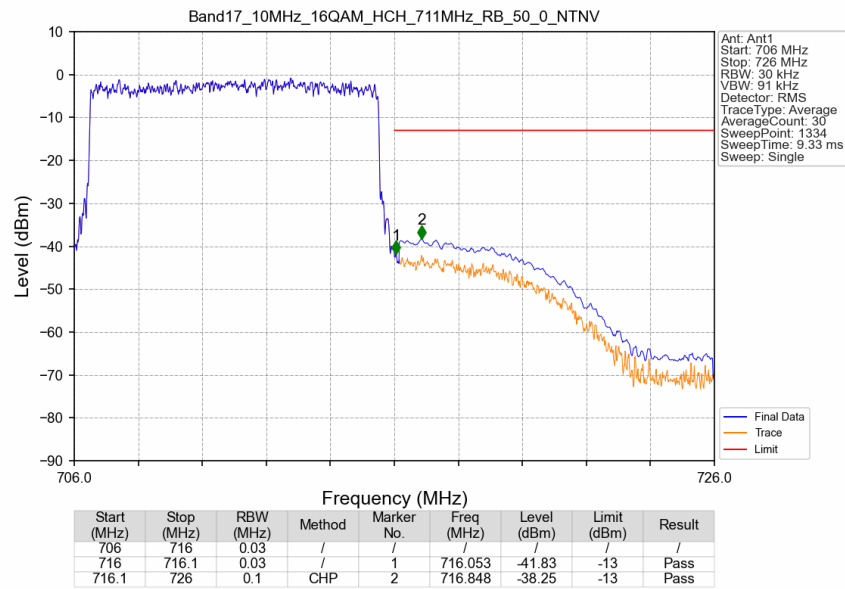
Band17_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_1_49_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



6. Field Strength of Spurious Radiation

LTE Band 17-Low channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1409.0	-70.75	-13	-57.75	-74.12	1.93	5.3	Horizontal	Pass
2113.5	-62.36	-13	-49.36	-64.83	2.42	4.89	Horizontal	Pass
2818.0	-61.95	-13	-48.95	-65.62	2.85	6.52	Horizontal	Pass
1409.0	-70.37	-13	-57.37	-73.74	1.93	5.3	Vertical	Pass
2113.5	-61.45	-13	-48.45	-63.92	2.42	4.89	Vertical	Pass
2818.0	-62.23	-13	-49.23	-65.9	2.85	6.52	Vertical	Pass

LTE Band 17-Middle channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1411.0	-69.11	-13	-56.11	-72.49	1.94	5.32	Horizontal	Pass
2116.5	-62.6	-13	-49.6	-65.08	2.42	4.9	Horizontal	Pass
2822.0	-61.66	-13	-48.66	-65.34	2.85	6.53	Horizontal	Pass
1411.0	-70.56	-13	-57.56	-73.94	1.94	5.32	Vertical	Pass
2116.5	-61.89	-13	-48.89	-64.37	2.42	4.9	Vertical	Pass
2822.0	-62.18	-13	-49.18	-65.86	2.85	6.53	Vertical	Pass

LTE Band 17-High channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1413.0	-69.65	-13	-56.65	-73.04	1.94	5.33	Horizontal	Pass
2119.5	-61.92	-13	-48.92	-64.41	2.42	4.91	Horizontal	Pass
2826.0	-61.55	-13	-48.55	-65.23	2.86	6.54	Horizontal	Pass
1413.0	-69.93	-13	-56.93	-73.32	1.94	5.33	Vertical	Pass
2119.5	-62.05	-13	-49.05	-64.54	2.42	4.91	Vertical	Pass
2826.0	-61.74	-13	-48.74	-65.42	2.86	6.54	Vertical	Pass