Appendix Test Data for LTE_band_17

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B17_5MHz_ERP

Band: 17 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	706.5	1	0	23.85	0.39	22.09	<=34.77	Pass
			13	23.85	0.39	22.09	<=34.77	Pass
			24	24.00	0.39	22.24	<=34.77	Pass
		12	0	22.90	0.39	21.14	<=34.77	Pass
			6	22.95	0.39	21.19	<=34.77	Pass
			13	22.92	0.39	21.16	<=34.77	Pass
		25	0	22.91	0.39	21.15	<=34.77	Pass
	710	1	0	24.16	0.39	22.40	<=34.77	Pass
			13	24.10	0.39	22.34	<=34.77	Pass
			24	24.29	0.39	22.53	<=34.77	Pass
		12	0	22.97	0.39	21.21	<=34.77	Pass
			6	22.94	0.39	21.18	<=34.77	Pass
			13	22.92	0.39	21.16	<=34.77	Pass
		25	0	22.92	0.39	21.16	<=34.77	Pass
	713.5	1	0	24.09	0.39	22.33	<=34.77	Pass
			13	23.99	0.39	22.23	<=34.77	Pass
			24	24.05	0.39	22.29	<=34.77	Pass
		12	0	23.06	0.39	21.30	<=34.77	Pass
			6	22.99	0.39	21.23	<=34.77	Pass
			13	23.05	0.39	21.29	<=34.77	Pass
		25	0	23.06	0.39	21.30	<=34.77	Pass
16QAM	706.5	1	0	23.16	0.39	21.40	<=34.77	Pass
			13	23.15	0.39	21.39	<=34.77	Pass
			24	23.25	0.39	21.49	<=34.77	Pass
		12	0	21.93	0.39	20.17	<=34.77	Pass
			6	21.93	0.39	20.17	<=34.77	Pass
			13	21.91	0.39	20.15	<=34.77	Pass
		25	0	21.92	0.39	20.16	<=34.77	Pass
	710	1	0	22.82	0.39	21.06	<=34.77	Pass
			13	22.79	0.39	21.03	<=34.77	Pass
			24	22.94	0.39	21.18	<=34.77	Pass
		12	0	21.99	0.39	20.23	<=34.77	Pass
			6	21.98	0.39	20.22	<=34.77	Pass
			13	21.89	0.39	20.13	<=34.77	Pass
		25	0	21.97	0.39	20.21	<=34.77	Pass
	713.5	1	0	22.67	0.39	20.91	<=34.77	Pass
			13	22.56	0.39	20.80	<=34.77	Pass
			24	22.73	0.39	20.97	<=34.77	Pass
		12	0	22.04	0.39	20.28	<=34.77	Pass
			6	21.99	0.39	20.23	<=34.77	Pass
			13	22.03	0.39	20.27	<=34.77	Pass
		25	0	22.09	0.39	20.33	<=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	23.86	0.39	22.10	<=34.77	Pass
			25	24.00	0.39	22.24	<=34.77	Pass
			49	24.05	0.39	22.29	<=34.77	Pass
		25	0	22.96	0.39	21.20	<=34.77	Pass
			13	22.97	0.39	21.21	<=34.77	Pass
			25	22.88	0.39	21.12	<=34.77	Pass
		50	0	22.96	0.39	21.20	<=34.77	Pass
	710	1	0	23.49	0.39	21.73	<=34.77	Pass
			25	23.49	0.39	21.73	<=34.77	Pass
			49	23.53	0.39	21.77	<=34.77	Pass
		25	0	22.96	0.39	21.20	<=34.77	Pass
			13	22.96	0.39	21.20	<=34.77	Pass
			25	22.95	0.39	21.19	<=34.77	Pass
		50	0	22.99	0.39	21.23	<=34.77	Pass
	711	1	0	23.52	0.39	21.76	<=34.77	Pass
			25	23.53	0.39	21.77	<=34.77	Pass
			49	23.67	0.39	21.91	<=34.77	Pass
		25	0	23.06	0.39	21.30	<=34.77	Pass
			13	23.00	0.39	21.24	<=34.77	Pass
			25	23.05	0.39	21.29	<=34.77	Pass
		50	0	23.08	0.39	21.32	<=34.77	Pass
16QAM	709	1	0	22.65	0.39	20.89	<=34.77	Pass
			25	22.61	0.39	20.85	<=34.77	Pass
			49	22.67	0.39	20.91	<=34.77	Pass
		12	0	22.96	0.39	21.20	<=34.77	Pass
			19	23.01	0.39	21.25	<=34.77	Pass
			38	23.07	0.39	21.31	<=34.77	Pass
		27	0	21.96	0.39	20.20	<=34.77	Pass
	710	1	0	22.59	0.39	20.83	<=34.77	Pass
			25	22.69	0.39	20.93	<=34.77	Pass
			49	22.75	0.39	20.99	<=34.77	Pass
		12	0	22.94	0.39	21.18	<=34.77	Pass
			19	22.98	0.39	21.22	<=34.77	Pass
			38	23.08	0.39	21.32	<=34.77	Pass
		27	0	22.02	0.39	20.26	<=34.77	Pass
	711	1	0	23.01	0.39	21.25	<=34.77	Pass
			25	23.01	0.39	21.25	<=34.77	Pass
			49	23.08	0.39	21.32	<=34.77	Pass
		12	0	22.98	0.39	21.22	<=34.77	Pass
			19	23.05	0.39	21.29	<=34.77	Pass
			38	23.16	0.39	21.40	<=34.77	Pass
		27	23	21.97	0.39	20.21	<=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	3.15	0.944	0.0013	-2.5 to 2.5	Pass
					3.70	-1.230	-0.0017	-2.5 to 2.5	Pass
					4.26	-2.789	-0.0039	-2.5 to 2.5	Pass

				-30	3.70	-1.817	-0.0026	-2.5 to 2.5	Pass
				-20	3.70	-1.402	-0.0020	-2.5 to 2.5	Pass
				-10	3.70	-1.245	-0.0018	-2.5 to 2.5	Pass
				0	3.70	-1.659	-0.0023	-2.5 to 2.5	Pass
				10	3.70	1.931	0.0027	-2.5 to 2.5	Pass
				30	3.70	-1.888	-0.0027	-2.5 to 2.5	Pass
				40	3.70	-1.874	-0.0027	-2.5 to 2.5	Pass
				50	3.70	-1.316	-0.0019	-2.5 to 2.5	Pass
	710	25	0	20	3.15	-0.200	-0.0003	-2.5 to 2.5	Pass
					3.70	1.545	0.0022	-2.5 to 2.5	Pass
					4.26	0.415	0.0006	-2.5 to 2.5	Pass
				-30	3.70	-2.375	-0.0033	-2.5 to 2.5	Pass
				-20	3.70	-0.286	-0.0004	-2.5 to 2.5	Pass
				-10	3.70	1.688	0.0024	-2.5 to 2.5	Pass
				0	3.70	0.715	0.0010	-2.5 to 2.5	Pass
				10	3.70	1.945	0.0027	-2.5 to 2.5	Pass
				30	3.70	-1.388	-0.0020	-2.5 to 2.5	Pass
				40	3.70	-1.230	-0.0017	-2.5 to 2.5	Pass
				50	3.70	0.715	0.0010	-2.5 to 2.5	Pass
	713.5	25	0	20	3.15	0.973	0.0014	-2.5 to 2.5	Pass
					3.70	-2.203	-0.0031	-2.5 to 2.5	Pass
					4.26	1.917	0.0027	-2.5 to 2.5	Pass
				-30	3.70	-2.117	-0.0030	-2.5 to 2.5	Pass
				-20	3.70	1.345	0.0019	-2.5 to 2.5	Pass
				-10	3.70	-1.345	-0.0019	-2.5 to 2.5	Pass
				0	3.70	1.159	0.0016	-2.5 to 2.5	Pass
				10	3.70	-1.473	-0.0021	-2.5 to 2.5	Pass
				30	3.70	0.730	0.0010	-2.5 to 2.5	Pass
				40	3.70	2.275	0.0032	-2.5 to 2.5	Pass
				50	3.70	2.131	0.0030	-2.5 to 2.5	Pass
16QAM	706.5	25	0	20	3.15	-0.014	0.0000	-2.5 to 2.5	Pass
					3.70	-1.903	-0.0027	-2.5 to 2.5	Pass
					4.26	-1.388	-0.0020	-2.5 to 2.5	Pass
				-30	3.70	0.443	0.0006	-2.5 to 2.5	Pass
				-20	3.70	1.874	0.0027	-2.5 to 2.5	Pass
				-10	3.70	-0.257	-0.0004	-2.5 to 2.5	Pass
				0	3.70	-1.216	-0.0017	-2.5 to 2.5	Pass
				10	3.70	1.116	0.0016	-2.5 to 2.5	Pass
				30	3.70	3.190	0.0045	-2.5 to 2.5	Pass
				40	3.70	-0.157	-0.0002	-2.5 to 2.5	Pass
				50	3.70	1.774	0.0025	-2.5 to 2.5	Pass
	710	25	0	20	3.15	0.772	0.0011	-2.5 to 2.5	Pass
					3.70	2.646	0.0037	-2.5 to 2.5	Pass
					4.26	1.988	0.0028	-2.5 to 2.5	Pass
				-30	3.70	-1.030	-0.0015	-2.5 to 2.5	Pass
				-20	3.70	-2.747	-0.0039	-2.5 to 2.5	Pass
				-10	3.70	-0.129	-0.0002	-2.5 to 2.5	Pass
				0	3.70	-1.073	-0.0015	-2.5 to 2.5	Pass
				10	3.70	-2.503	-0.0035	-2.5 to 2.5	Pass
				30	3.70	-2.017	-0.0028	-2.5 to 2.5	Pass
				40	3.70	-2.203	-0.0031	-2.5 to 2.5	Pass
				50	3.70	1.960	0.0028	-2.5 to 2.5	Pass
	713.5	25	0	20	3.15	1.373	0.0019	-2.5 to 2.5	Pass
					3.70	0.443	0.0006	-2.5 to 2.5	Pass
					4.26	3.018	0.0042	-2.5 to 2.5	Pass
				-30	3.70	-1.445	-0.0020	-2.5 to 2.5	Pass
				-20	3.70	-0.358	-0.0005	-2.5 to 2.5	Pass
				-10	3.70	-1.588	-0.0022	-2.5 to 2.5	Pass
				0	3.70	3.347	0.0047	-2.5 to 2.5	Pass

				10	3.70	0.043	0.0001	-2.5 to 2.5	Pass
				30	3.70	-1.917	-0.0027	-2.5 to 2.5	Pass
				40	3.70	1.116	0.0016	-2.5 to 2.5	Pass
				50	3.70	-3.448	-0.0048	-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	3.15	-0.486	-0.0007	-2.5 to 2.5	Pass
					3.70	-0.930	-0.0013	-2.5 to 2.5	Pass
					4.26	1.588	0.0022	-2.5 to 2.5	Pass
				-30	3.70	-1.259	-0.0018	-2.5 to 2.5	Pass
				-20	3.70	-0.815	-0.0011	-2.5 to 2.5	Pass
				-10	3.70	-0.672	-0.0009	-2.5 to 2.5	Pass
				0	3.70	0.873	0.0012	-2.5 to 2.5	Pass
				10	3.70	0.472	0.0007	-2.5 to 2.5	Pass
				30	3.70	-0.472	-0.0007	-2.5 to 2.5	Pass
				40	3.70	0.243	0.0003	-2.5 to 2.5	Pass
				50	3.70	-0.043	-0.0001	-2.5 to 2.5	Pass
	710	50	0	20	3.15	-0.315	-0.0004	-2.5 to 2.5	Pass
					3.70	-0.200	-0.0003	-2.5 to 2.5	Pass
					4.26	-0.858	-0.0012	-2.5 to 2.5	Pass
				-30	3.70	0.186	0.0003	-2.5 to 2.5	Pass
				-20	3.70	-0.215	-0.0003	-2.5 to 2.5	Pass
				-10	3.70	-1.917	-0.0027	-2.5 to 2.5	Pass
				0	3.70	0.300	0.0004	-2.5 to 2.5	Pass
				10	3.70	-0.944	-0.0013	-2.5 to 2.5	Pass
				30	3.70	1.388	0.0020	-2.5 to 2.5	Pass
				40	3.70	-1.230	-0.0017	-2.5 to 2.5	Pass
				50	3.70	-0.687	-0.0010	-2.5 to 2.5	Pass
	711	50	0	20	3.15	0.343	0.0005	-2.5 to 2.5	Pass
					3.70	-2.089	-0.0029	-2.5 to 2.5	Pass
					4.26	-0.515	-0.0007	-2.5 to 2.5	Pass
				-30	3.70	-2.675	-0.0038	-2.5 to 2.5	Pass
				-20	3.70	-2.761	-0.0039	-2.5 to 2.5	Pass
				-10	3.70	0.572	0.0008	-2.5 to 2.5	Pass
				0	3.70	-1.945	-0.0027	-2.5 to 2.5	Pass
				10	3.70	0.916	0.0013	-2.5 to 2.5	Pass
				30	3.70	-1.359	-0.0019	-2.5 to 2.5	Pass
				40	3.70	-0.501	-0.0007	-2.5 to 2.5	Pass
				50	3.70	-0.386	-0.0005	-2.5 to 2.5	Pass
16QAM	709	27	0	20	3.15	0.086	0.0001	-2.5 to 2.5	Pass
					3.70	-2.046	-0.0029	-2.5 to 2.5	Pass
					4.26	-0.072	-0.0001	-2.5 to 2.5	Pass
				-30	3.70	-2.875	-0.0041	-2.5 to 2.5	Pass
				-20	3.70	-2.789	-0.0039	-2.5 to 2.5	Pass
				-10	3.70	0.443	0.0006	-2.5 to 2.5	Pass
				0	3.70	-1.273	-0.0018	-2.5 to 2.5	Pass
				10	3.70	1.459	0.0021	-2.5 to 2.5	Pass
				30	3.70	0.687	0.0010	-2.5 to 2.5	Pass
				40	3.70	-1.988	-0.0028	-2.5 to 2.5	Pass
				50	3.70	-1.745	-0.0025	-2.5 to 2.5	Pass
	710	27	0	20	3.15	-1.130	-0.0016	-2.5 to 2.5	Pass
					3.70	1.760	0.0025	-2.5 to 2.5	Pass
					4.26	-1.788	-0.0025	-2.5 to 2.5	Pass
				-30	3.70	0.000	0.0000	-2.5 to 2.5	Pass

				-20	3.70	-0.587	-0.0008	-2.5 to 2.5	Pass
				-10	3.70	-0.329	-0.0005	-2.5 to 2.5	Pass
				0	3.70	3.448	0.0049	-2.5 to 2.5	Pass
				10	3.70	-3.190	-0.0045	-2.5 to 2.5	Pass
				30	3.70	-1.817	-0.0026	-2.5 to 2.5	Pass
				40	3.70	-1.588	-0.0022	-2.5 to 2.5	Pass
				50	3.70	-1.059	-0.0015	-2.5 to 2.5	Pass
	711	27	23	20	3.15	1.402	0.0020	-2.5 to 2.5	Pass
					3.70	-2.074	-0.0029	-2.5 to 2.5	Pass
					4.26	-0.329	-0.0005	-2.5 to 2.5	Pass
				-30	3.70	1.559	0.0022	-2.5 to 2.5	Pass
				-20	3.70	-3.018	-0.0042	-2.5 to 2.5	Pass
				-10	3.70	-0.830	-0.0012	-2.5 to 2.5	Pass
				0	3.70	0.544	0.0008	-2.5 to 2.5	Pass
				10	3.70	1.059	0.0015	-2.5 to 2.5	Pass
				30	3.70	-1.888	-0.0027	-2.5 to 2.5	Pass
				40	3.70	-1.431	-0.0020	-2.5 to 2.5	Pass
				50	3.70	-2.661	-0.0037	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B17_5MHz

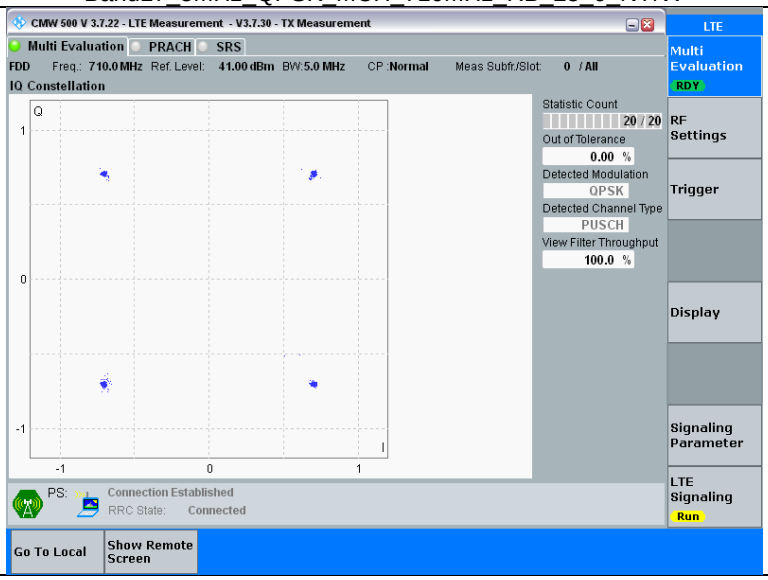
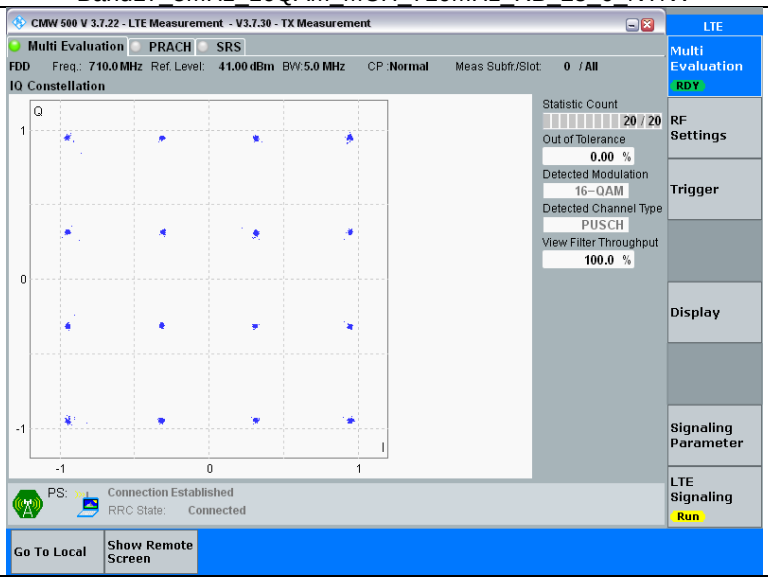
Band: 17 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	710	25	0	Refer To Test Graph		Pass
16QAM	710	25	0	Refer To Test Graph		Pass

3.1.2 B17_10MHz

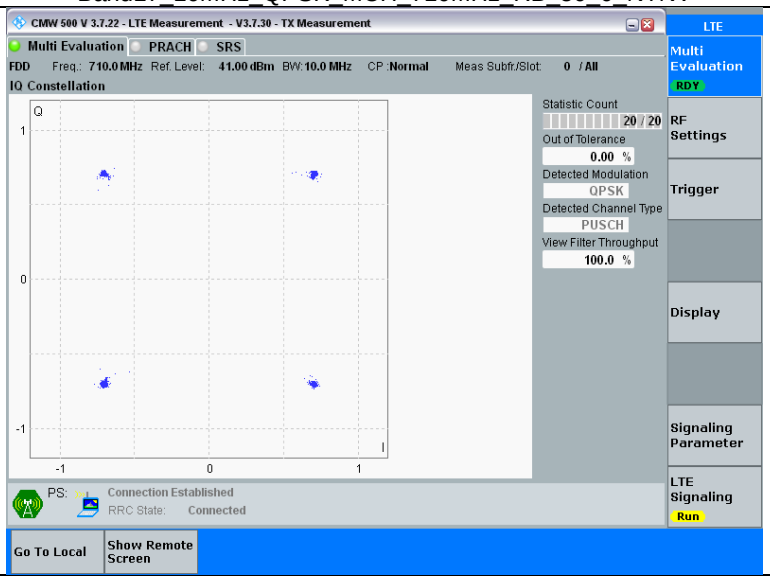
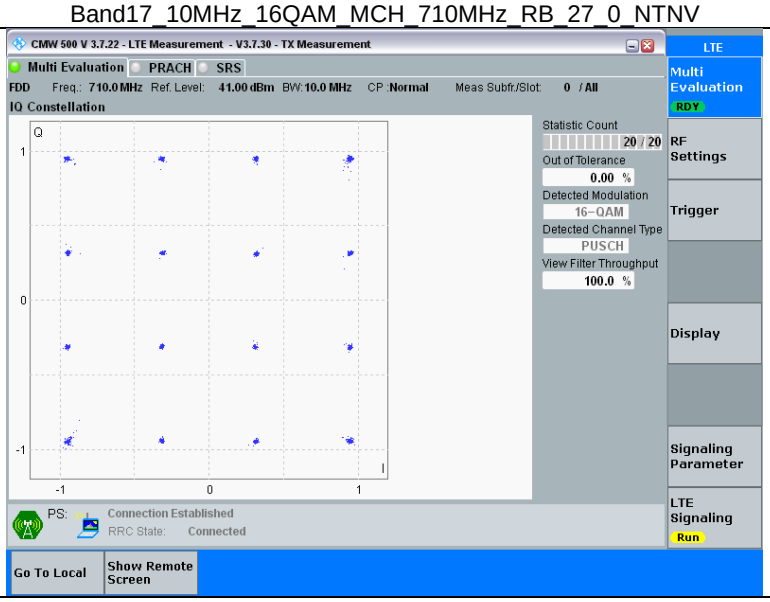
Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	710	50	0	Refer To Test Graph		Pass
16QAM	710	27	0	Refer To Test Graph		Pass

3.2 Test Graph

3.2.1 B17_5MHz

Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV

Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV


3.2.2 B17_10MHz

Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV

Band17_10MHz_16QAM_MCH_710MHz_RB_27_0_NTNV


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	4.531	/	Pass
		710	25	0	4.537	/	Pass
		713.5	25	0	4.558	/	Pass
	16QAM	706.5	25	0	4.531	/	Pass
		710	25	0	4.562	/	Pass
		713.5	25	0	4.543	/	Pass
10	QPSK	709	50	0	9.060	/	Pass
		710	50	0	9.032	/	Pass
		711	50	0	9.061	/	Pass
	16QAM	709	27	0	5.111	/	Pass
		710	27	0	5.060	/	Pass
		711	27	23	5.089	/	Pass

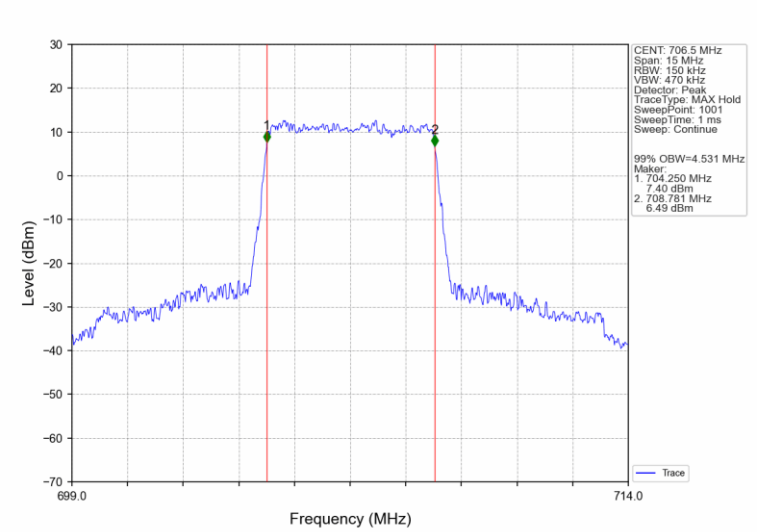
4.1.2 Band17_XDB

Band: 17 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	706.5	25	0	5.054	/	Pass
		710	25	0	5.026	/	Pass
		713.5	25	0	5.025	/	Pass
	16QAM	706.5	25	0	5.084	/	Pass
		710	25	0	5.048	/	Pass
		713.5	25	0	5.035	/	Pass
10	QPSK	709	50	0	9.918	/	Pass
		710	50	0	10.030	/	Pass
		711	50	0	10.014	/	Pass
	16QAM	709	27	0	6.128	/	Pass
		710	27	0	5.998	/	Pass
		711	27	23	6.191	/	Pass

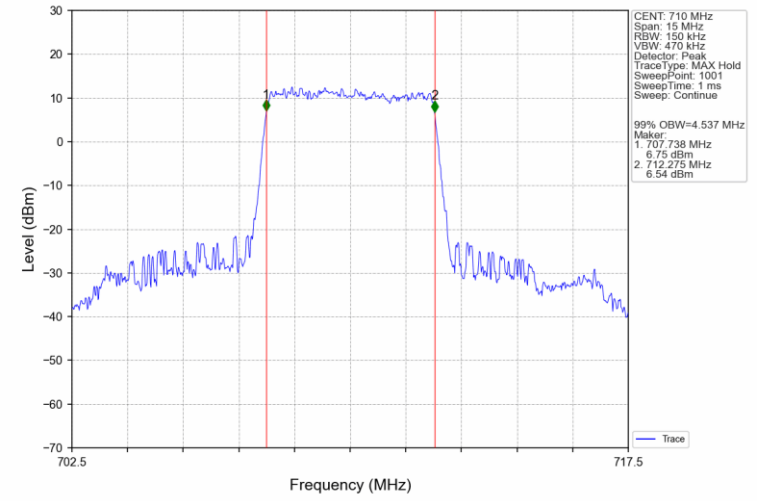
4.2 Test Graph

4.2.1 Band17_OBW

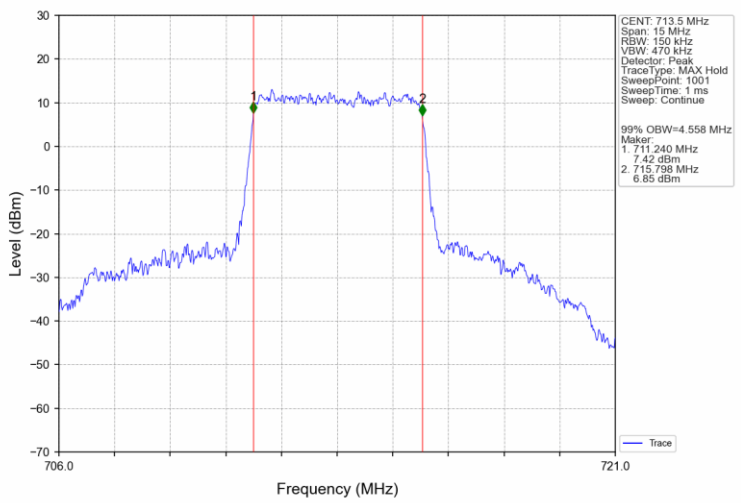
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



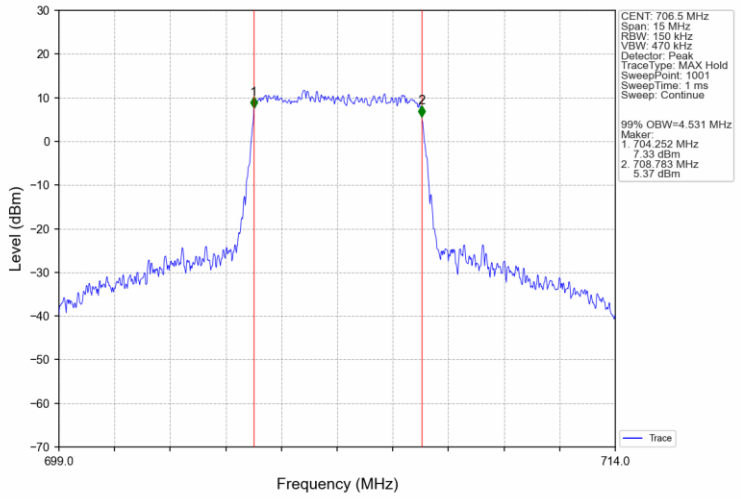
Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV

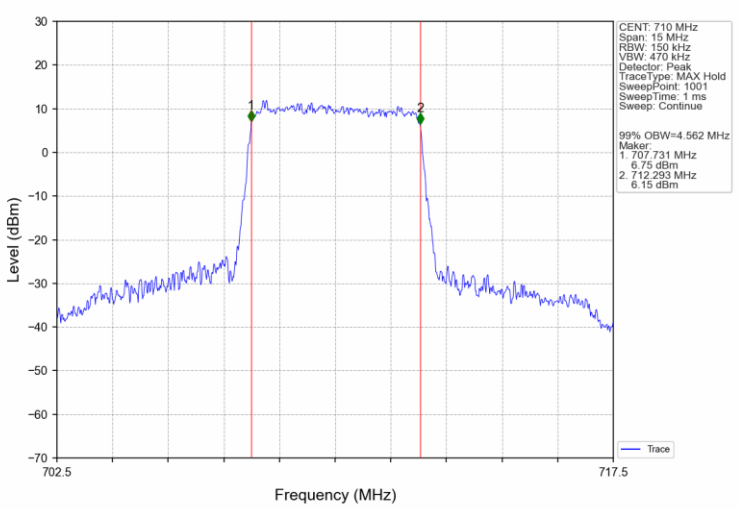
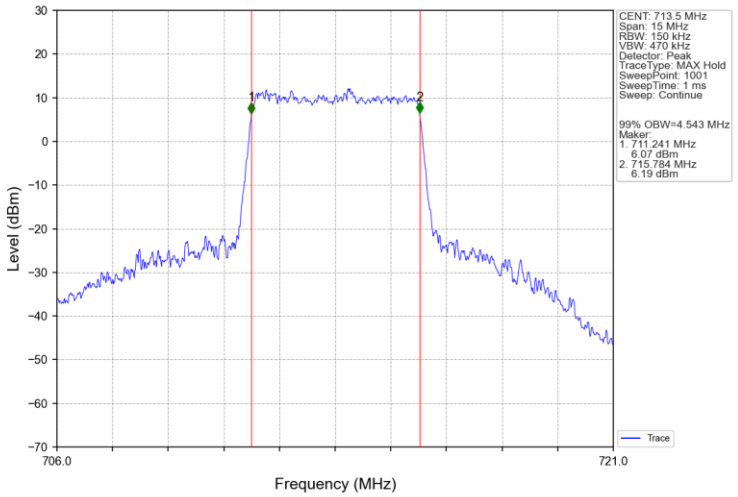


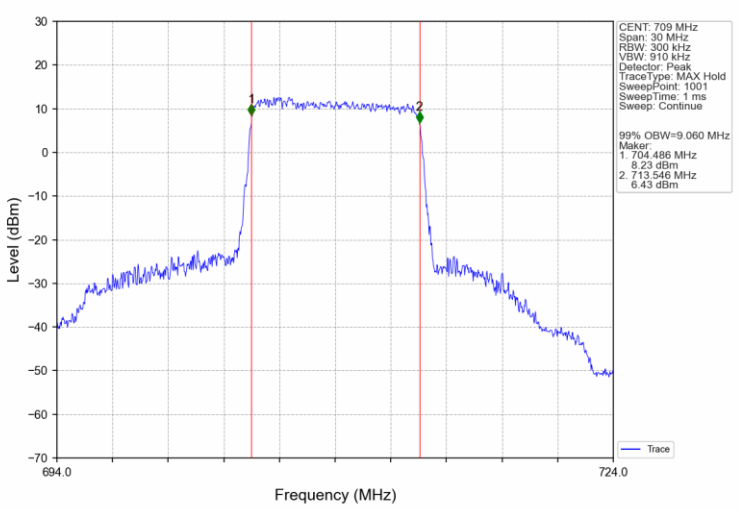
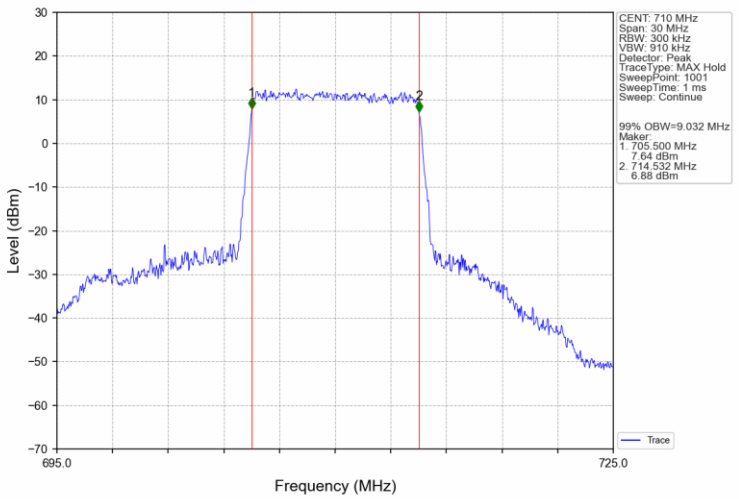
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



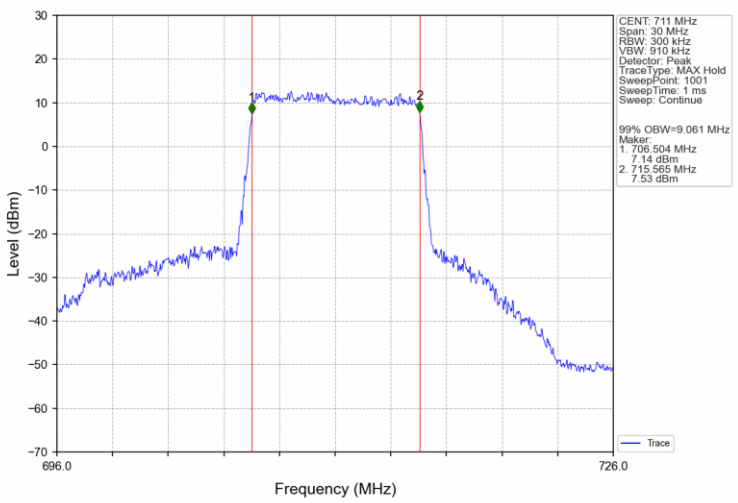
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



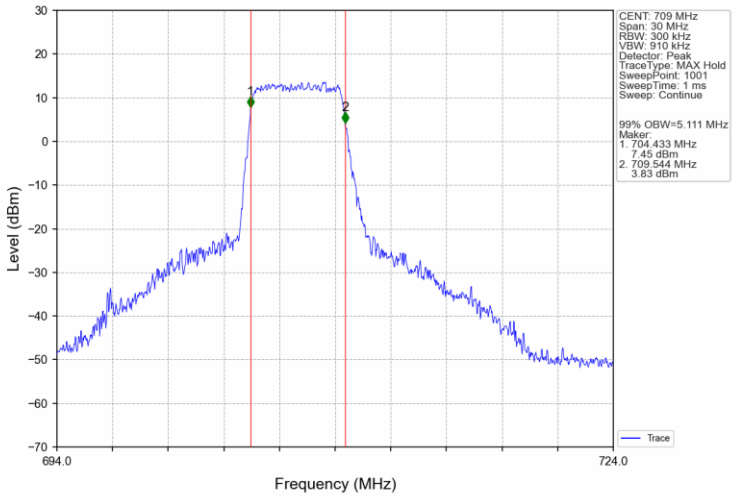
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV

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


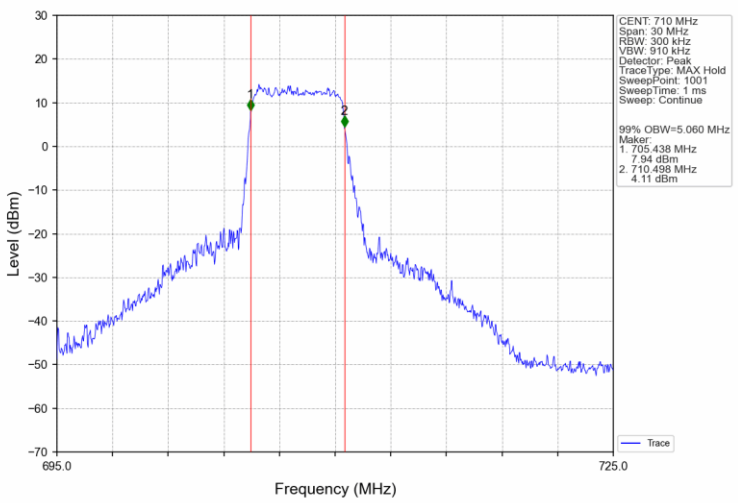
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



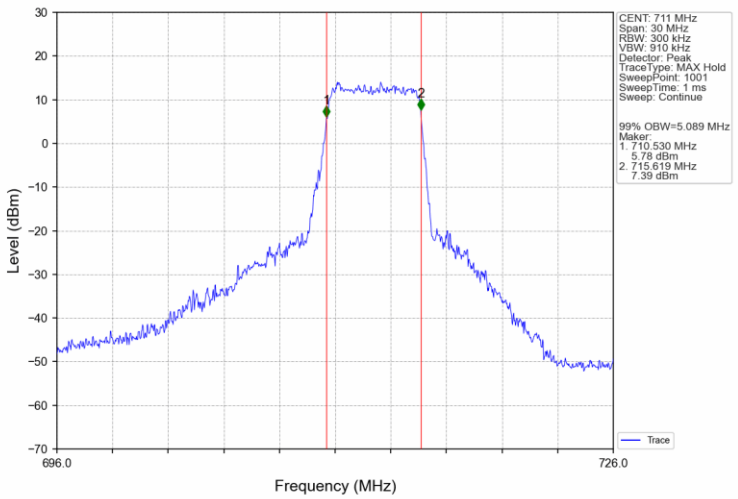
Band17_10MHz_16QAM_LCH_709MHz_RB_27_0_NTNV



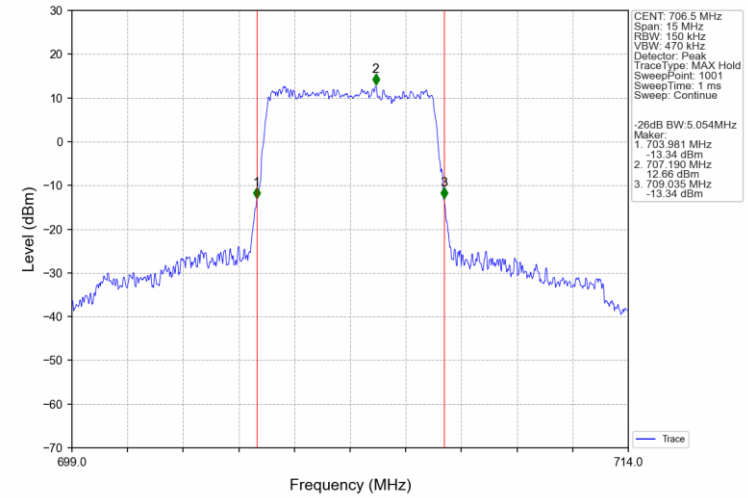
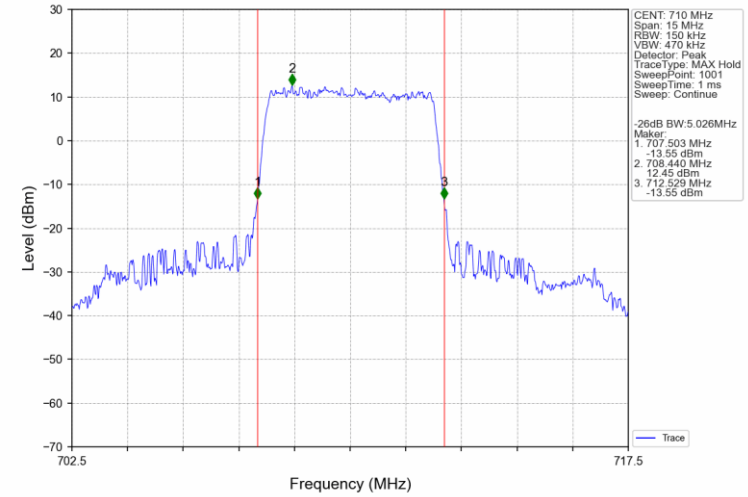
Band17_10MHz_16QAM_MCH_710MHz_RB_27_0_NTNV



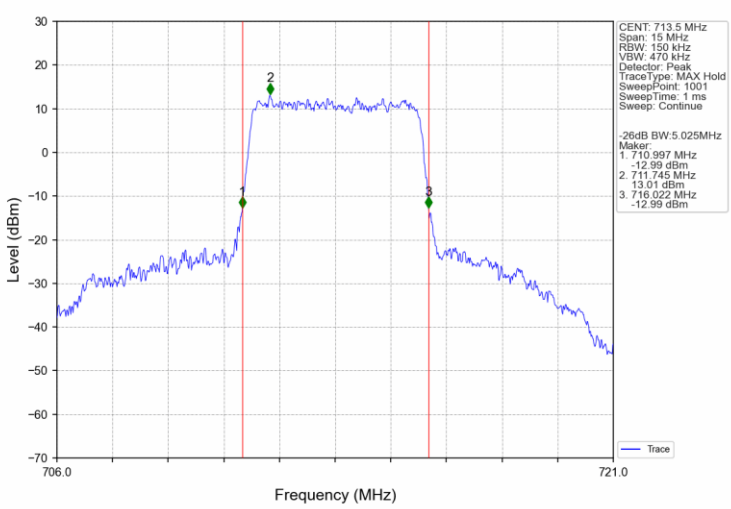
Band17_10MHz_16QAM_HCH_711MHz_RB_27_23_NTNV



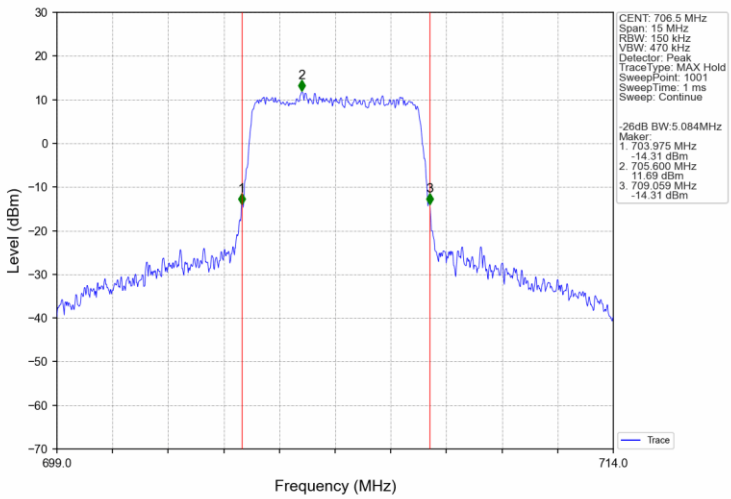
4.2.2 Band17_XDB

Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV

Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV


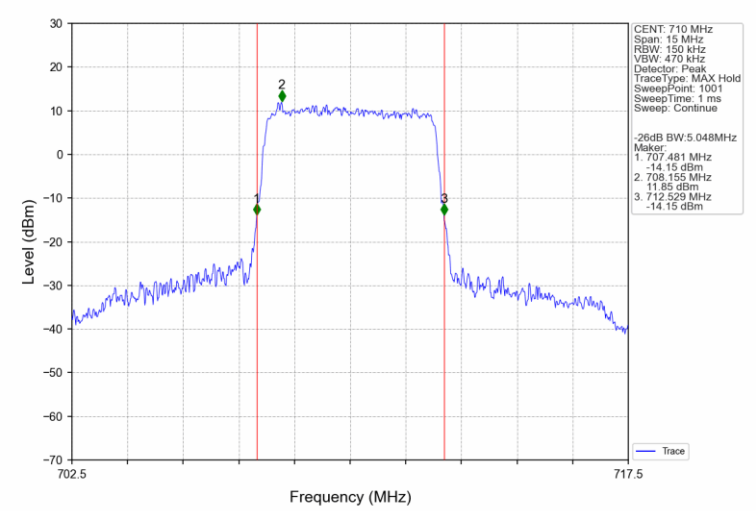
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



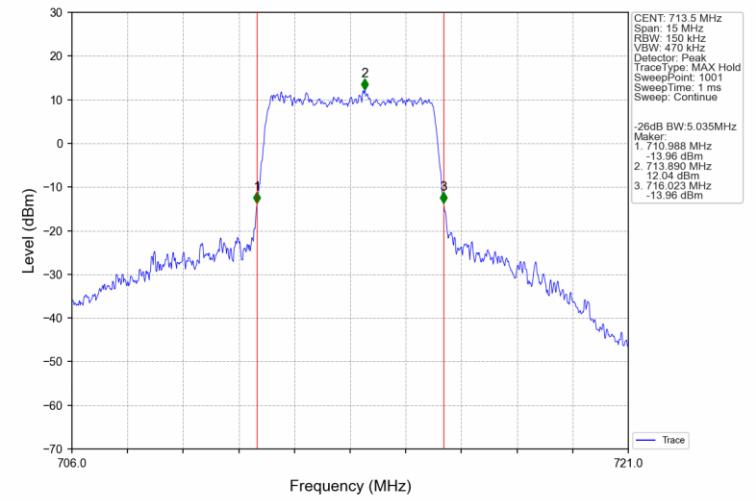
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV

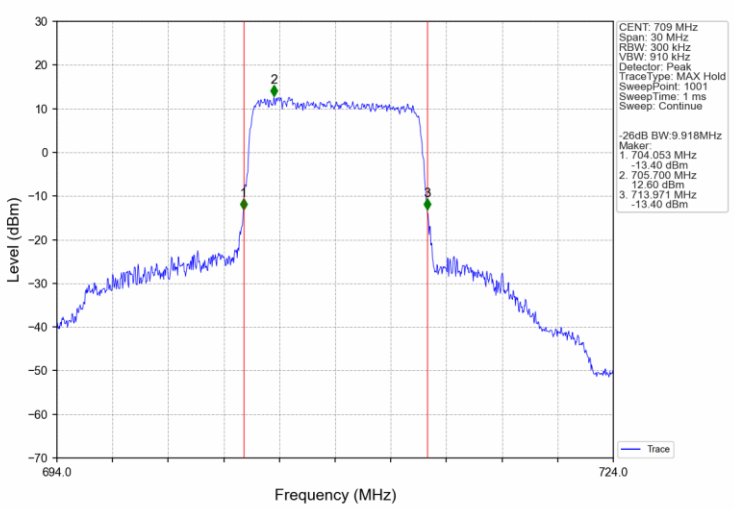
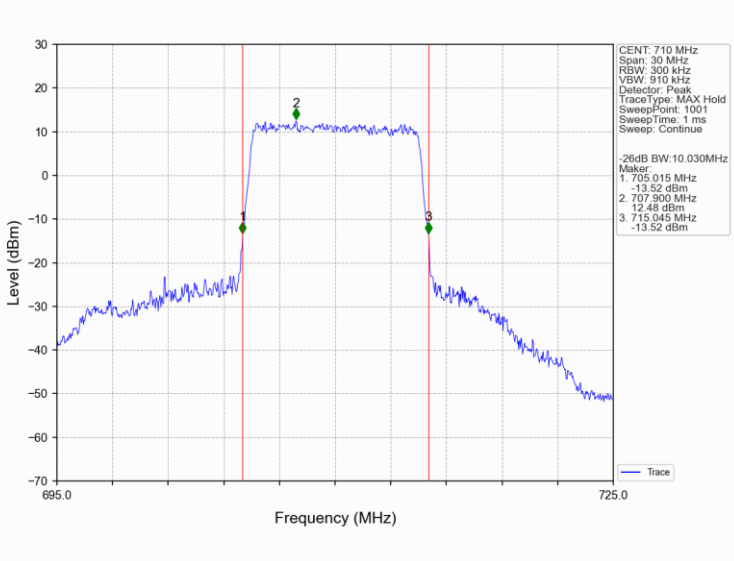


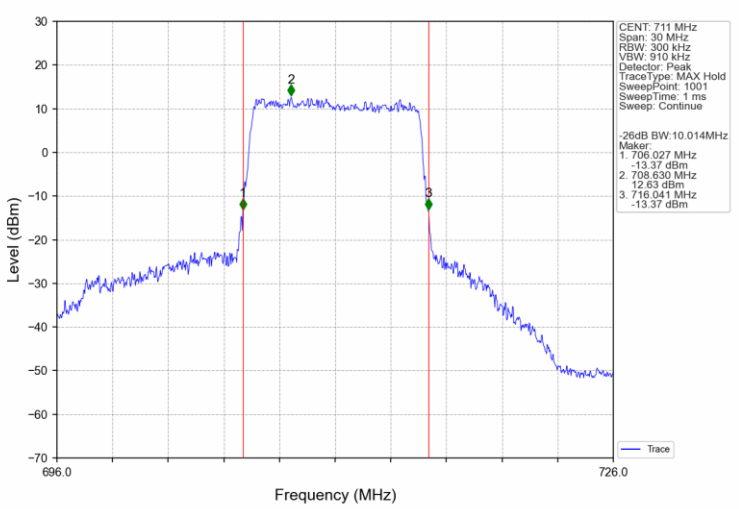
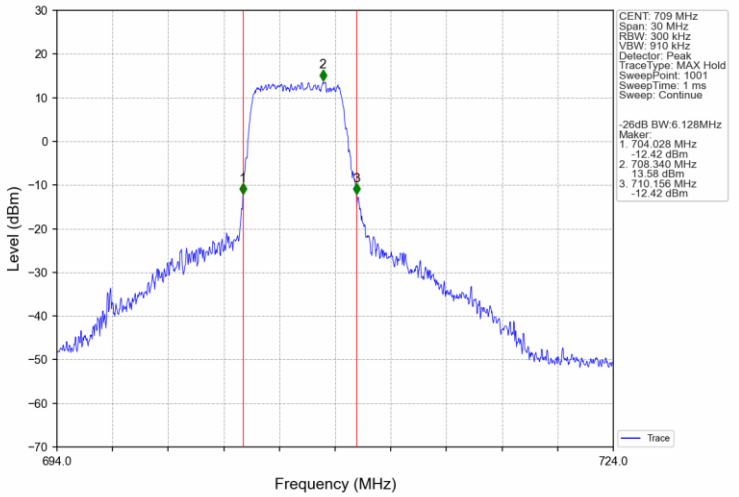
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



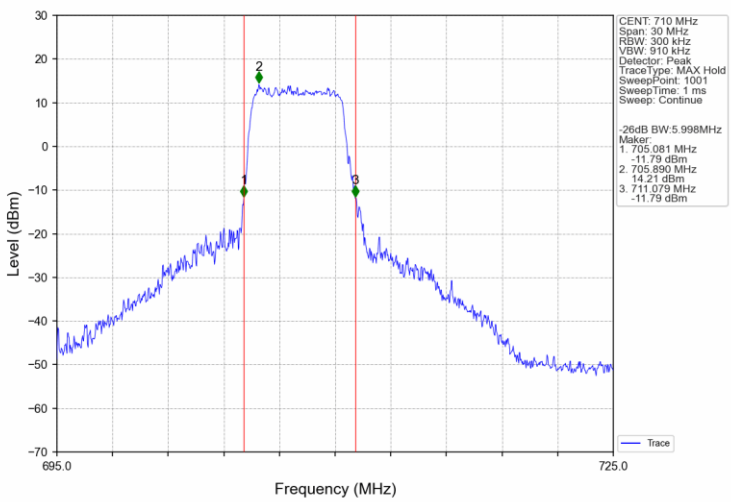
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



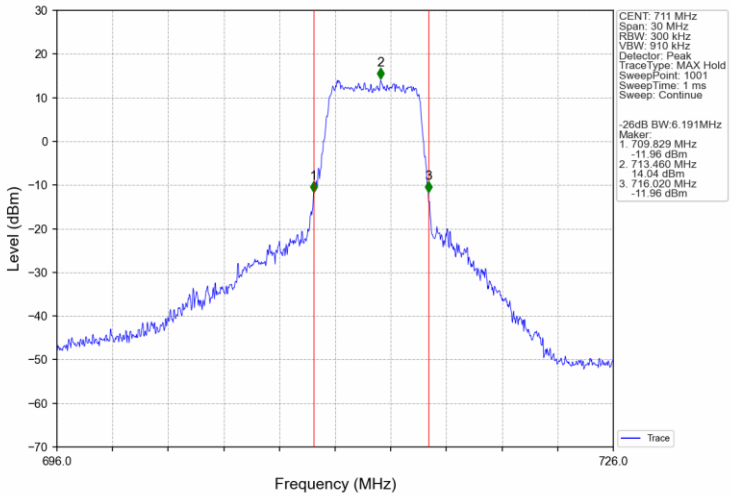
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV

Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV


Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV

Band17_10MHz_16QAM_LCH_709MHz_RB_27_0_NTNV


Band17_10MHz_16QAM_MCH_710MHz_RB_27_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_27_23_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	5.36	<=13	Pass
	710	25	0	5.48	<=13	Pass
	713.5	25	0	5.30	<=13	Pass
16QAM	706.5	25	0	6.04	<=13	Pass
	710	25	0	6.24	<=13	Pass
	713.5	25	0	5.94	<=13	Pass

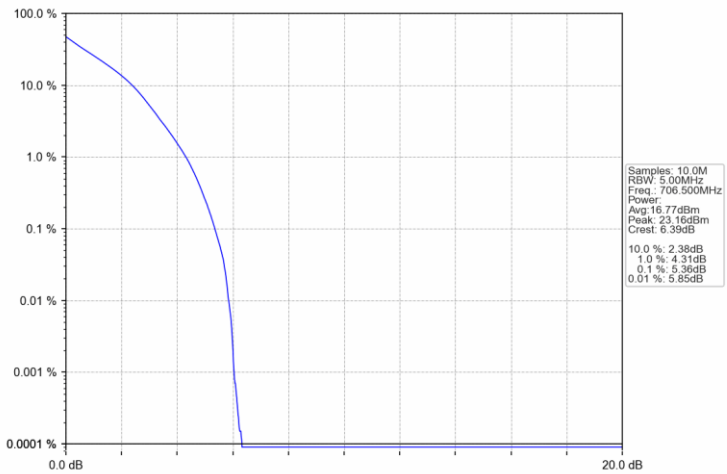
5.1.2 B17_10MHz

Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	709	50	0	5.24	<=13	Pass
	710	50	0	5.35	<=13	Pass
	711	50	0	5.32	<=13	Pass
16QAM	709	27	0	5.93	<=13	Pass
	710	27	0	5.96	<=13	Pass
	711	27	23	5.85	<=13	Pass

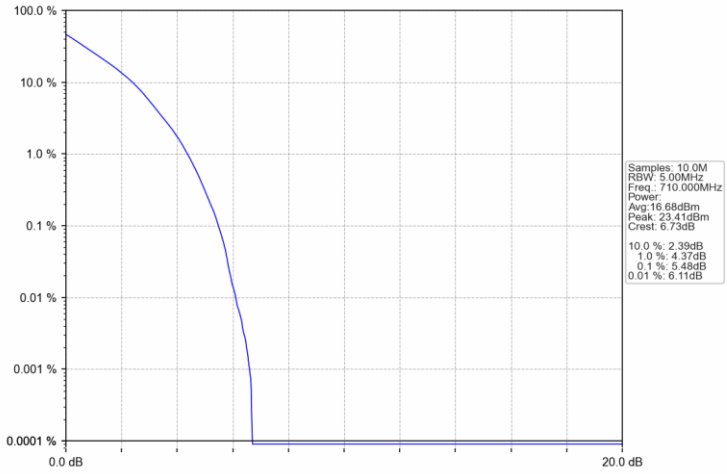
5.2 Test Graph

5.2.1 B17_5MHz

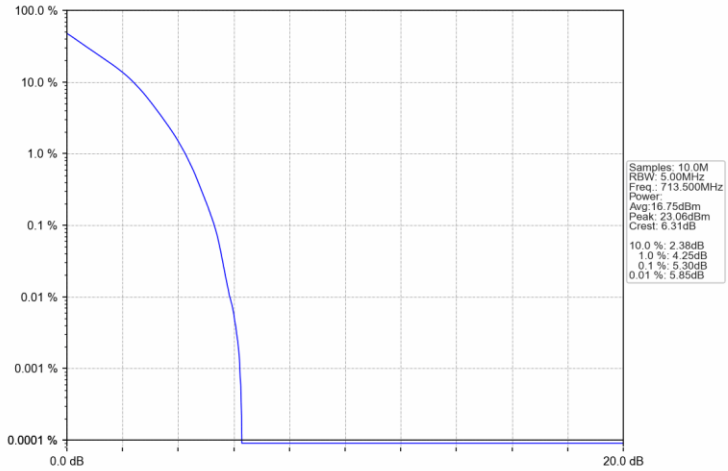
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



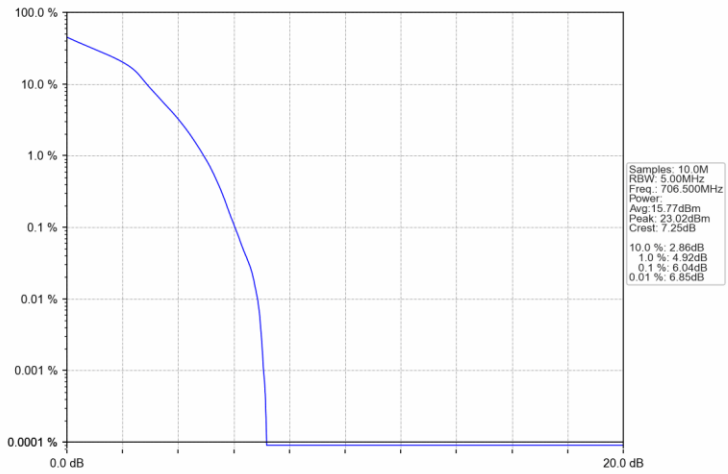
Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV

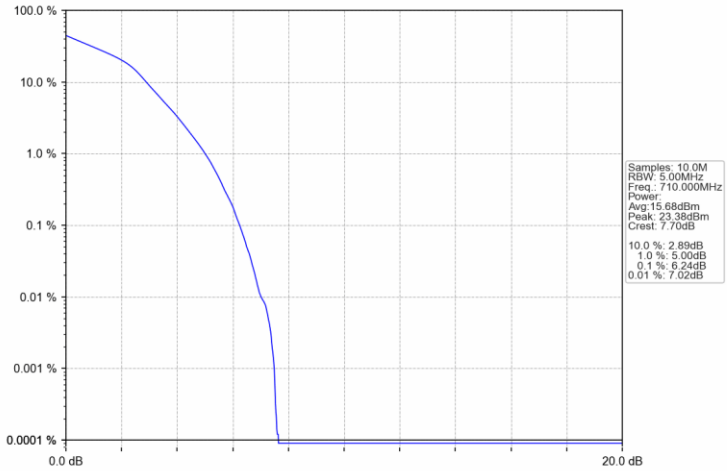
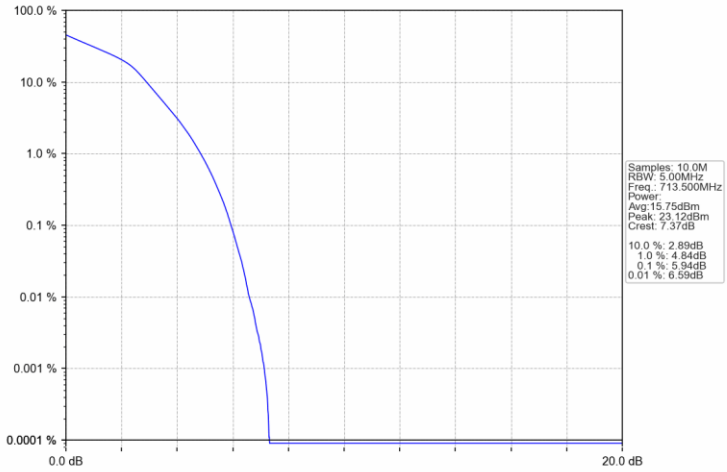


Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV

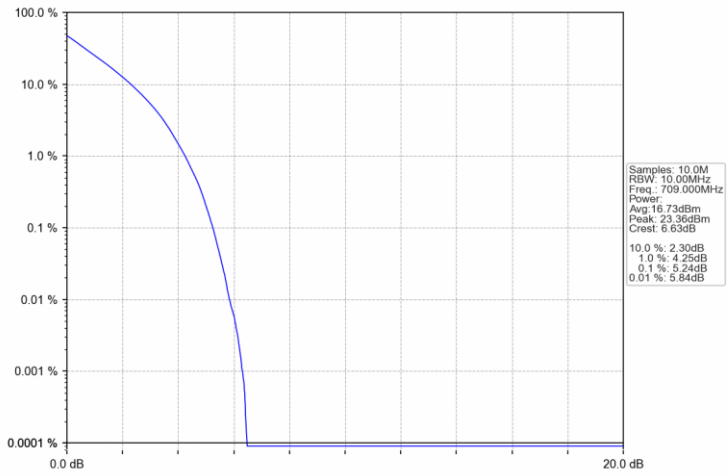
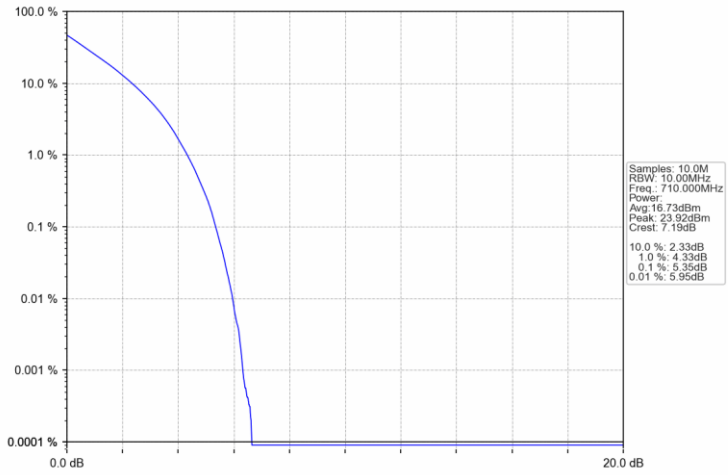


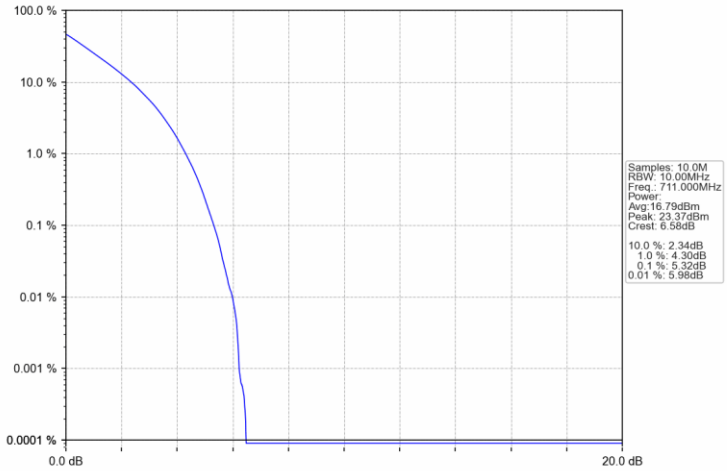
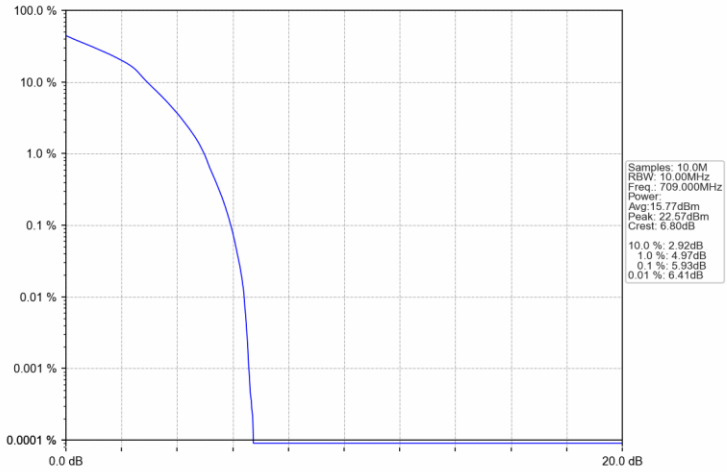
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



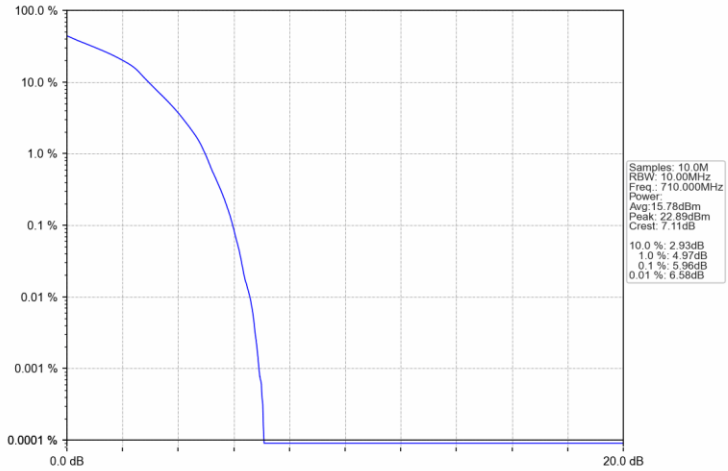
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV

Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV


5.2.2 B17_10MHz

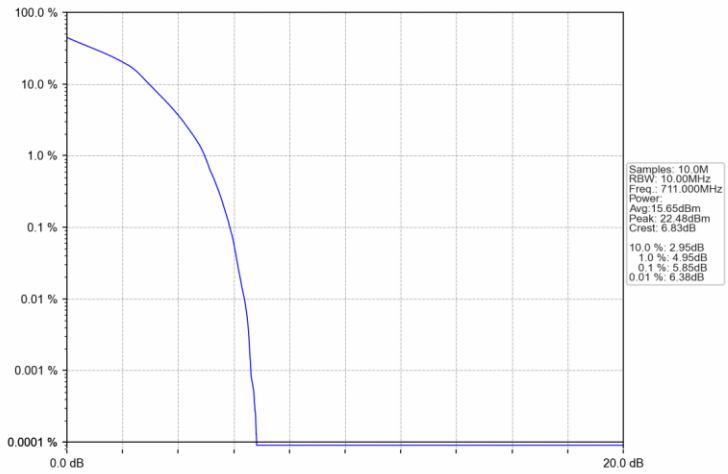
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV

Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV


Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV

Band17_10MHz_16QAM_LCH_709MHz_RB_27_0_NTNV


Band17_10MHz_16QAM_MCH_710MHz_RB_27_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_27_23_NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 B17_5MHz

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

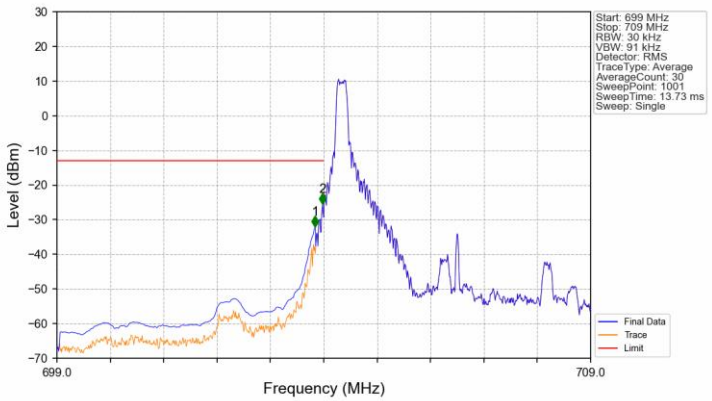
6.1.2 B17_10MHz

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
	710	1	0	Refer To Test Graph		Pass
	711	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass

6.2 Test Graph

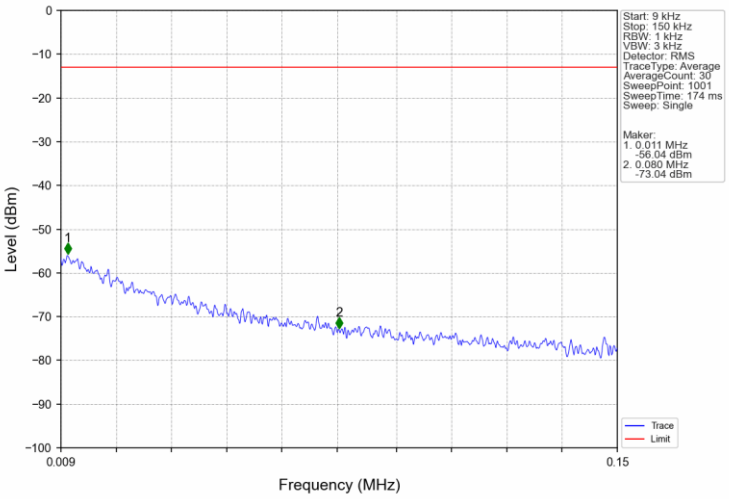
6.2.1 B17_5MHz

Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV

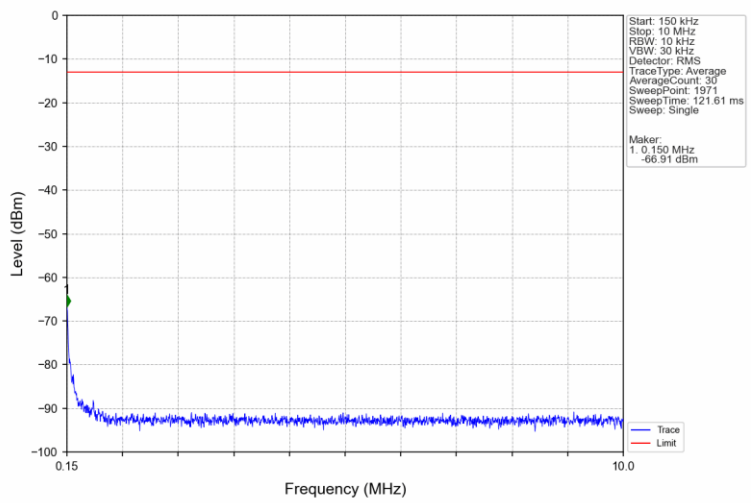


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-32.13	-13	Pass
703.9	704	0.03	/	2	703.980	-25.47	-13	Pass
704	709	0.03	/	/	/	/	/	/

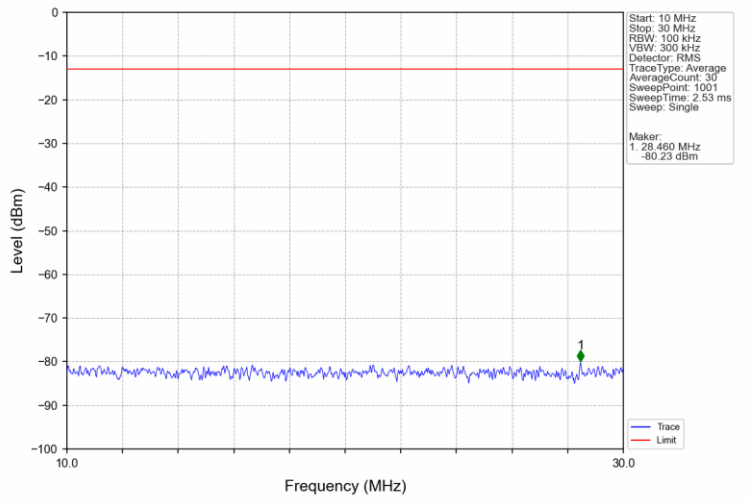
Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV



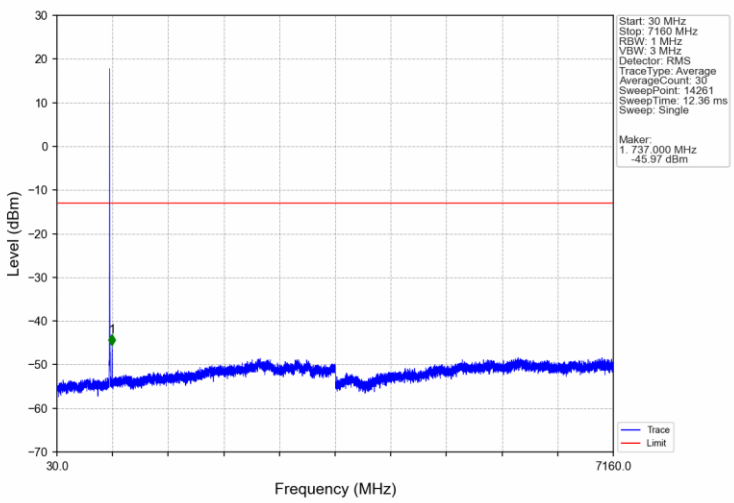
Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV



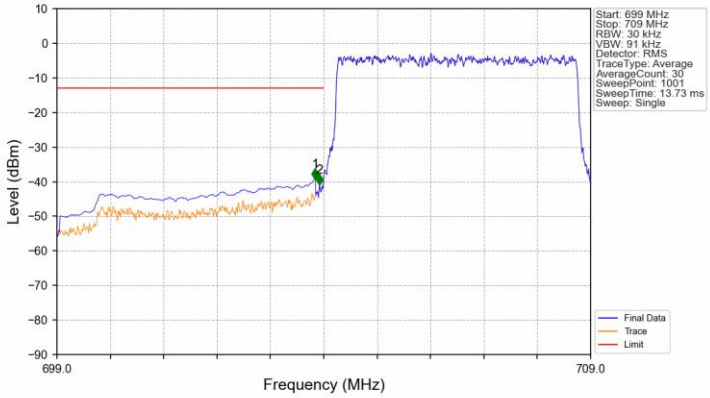
Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV



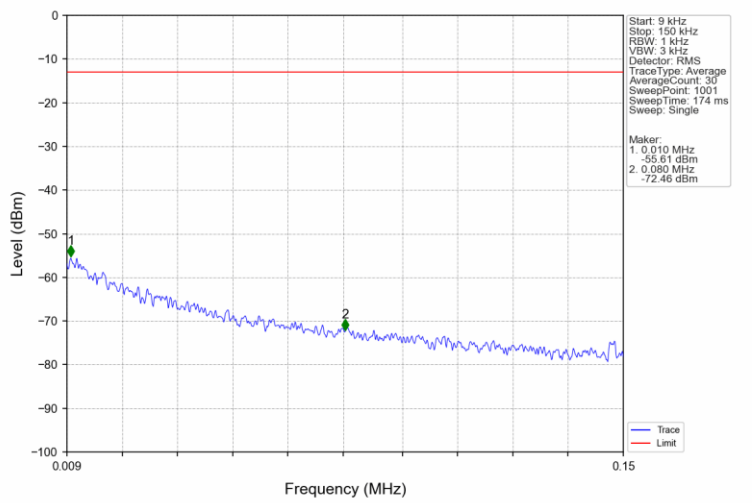
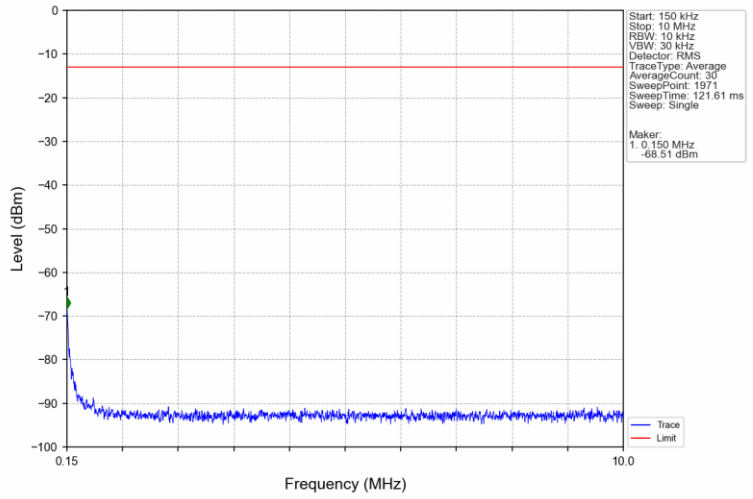
Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV



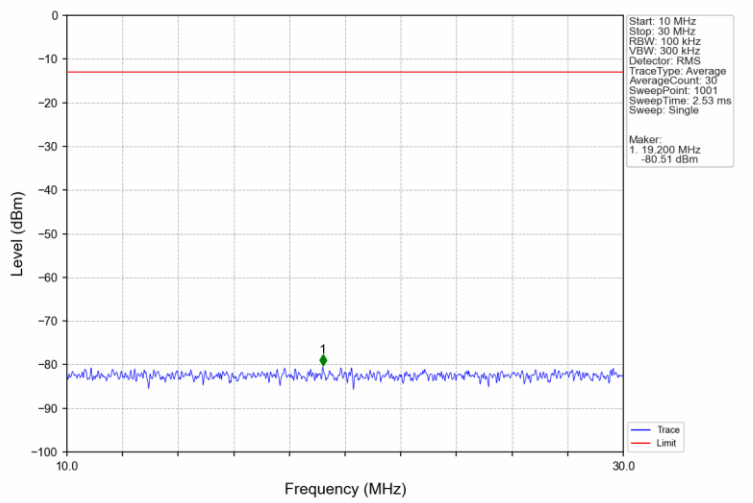
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



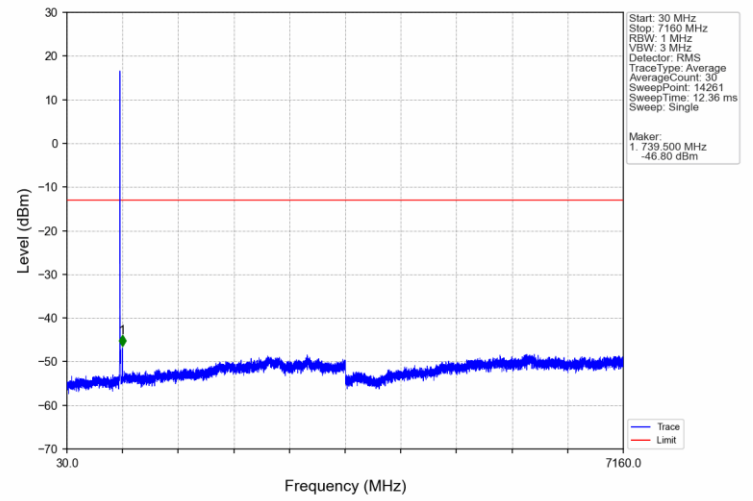
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-39.29	-13	Pass
703.9	704	0.03	/	2	703.920	-40.95	-13	Pass
704	709	0.03	/	/	/	/	/	/

Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV

Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV


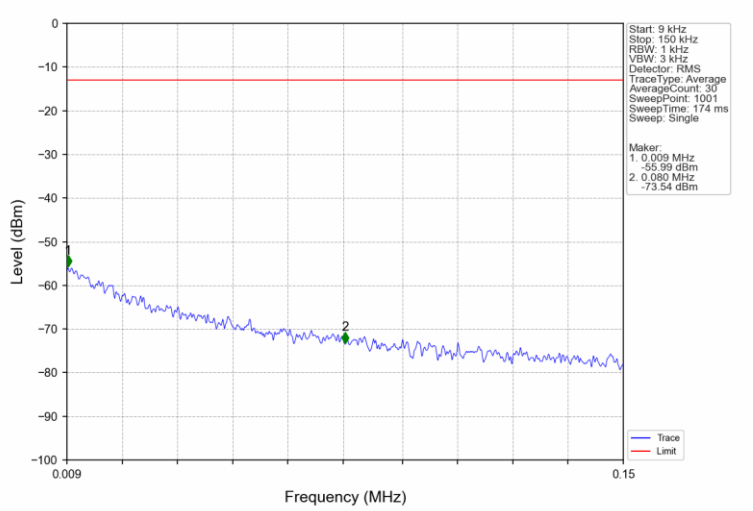
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



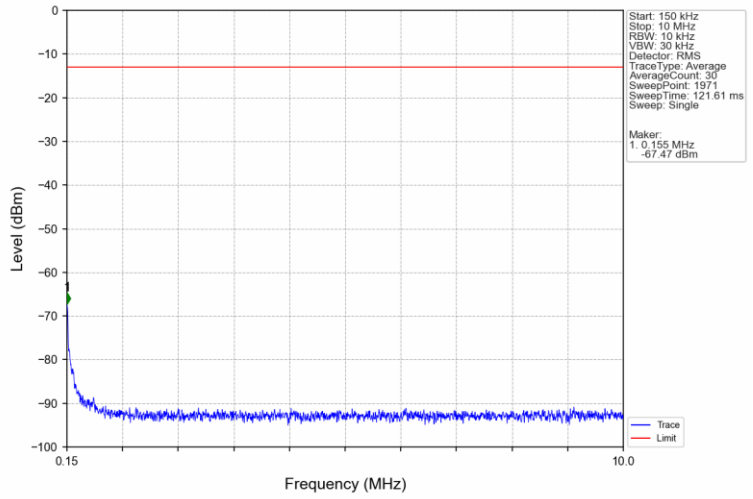
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



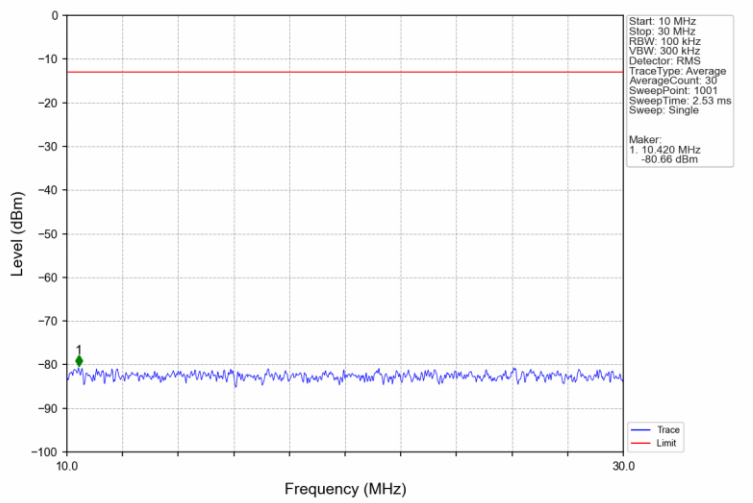
Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV



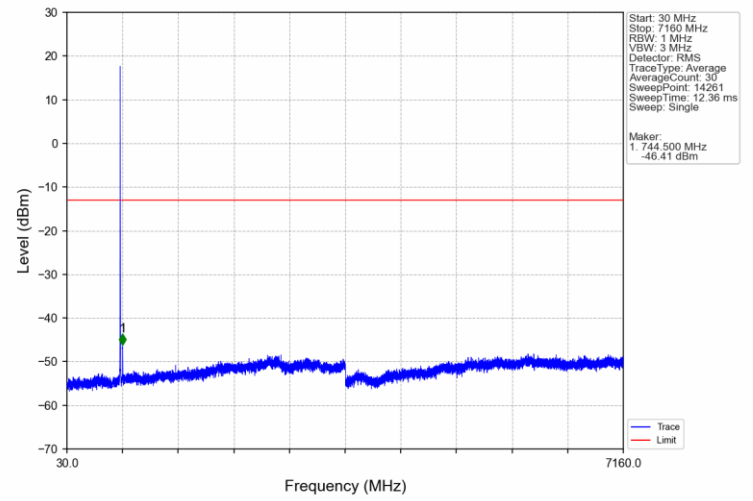
Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV



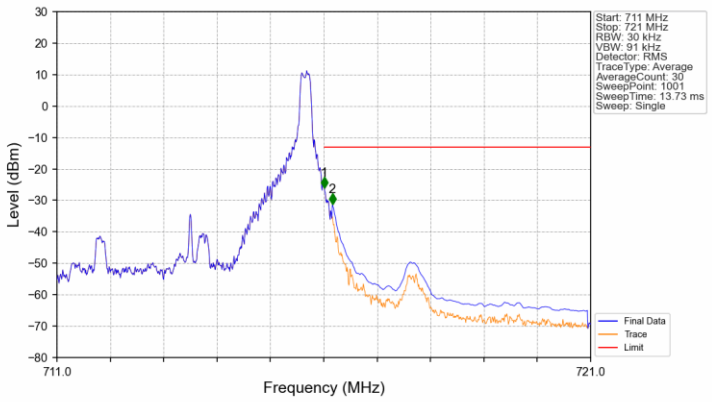
Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV



Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV

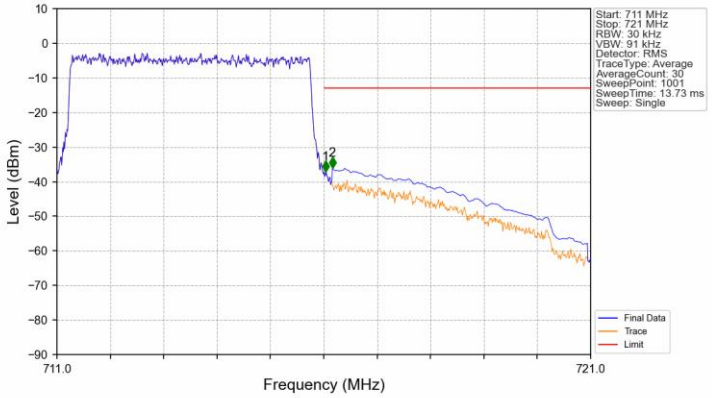


Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV



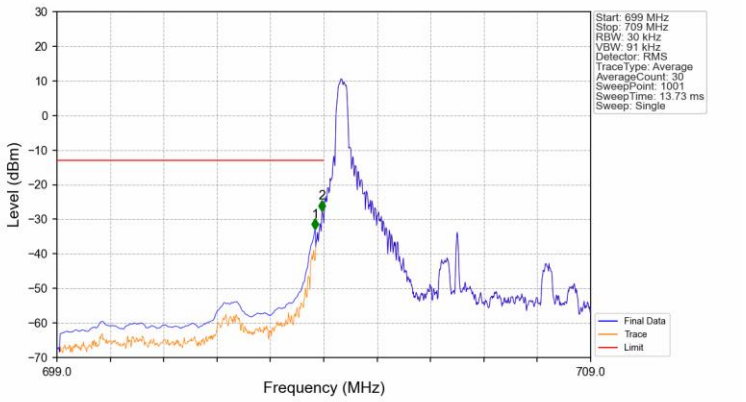
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-26.09	-13	Pass
716.1	721	0.1	CHP	2	716.160	-31.27	-13	Pass

Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



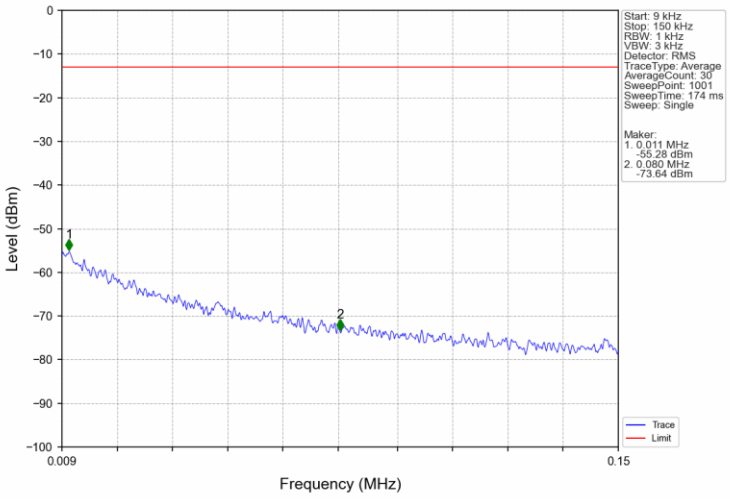
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.030	-37.07	-13	Pass
716.1	721	0.1	CHP	2	716.160	-36.08	-13	Pass

Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV

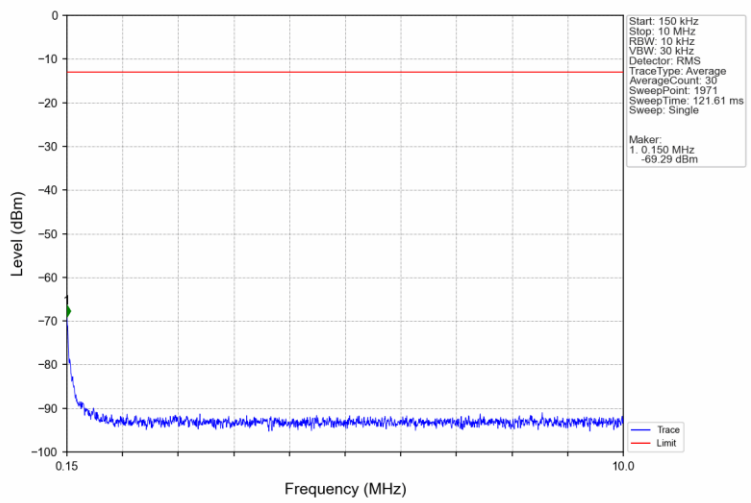


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-32.89	-13	Pass
703.9	704	0.03	/	2	703.970	-27.60	-13	Pass
704	709	0.03	/	/	/	/	/	/

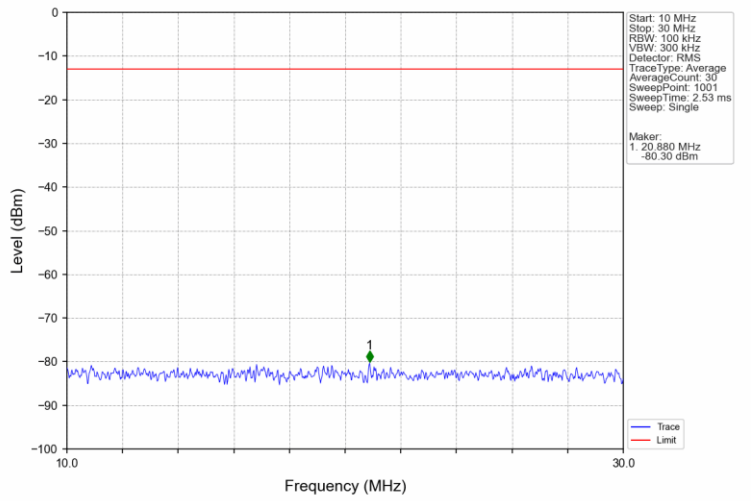
Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV



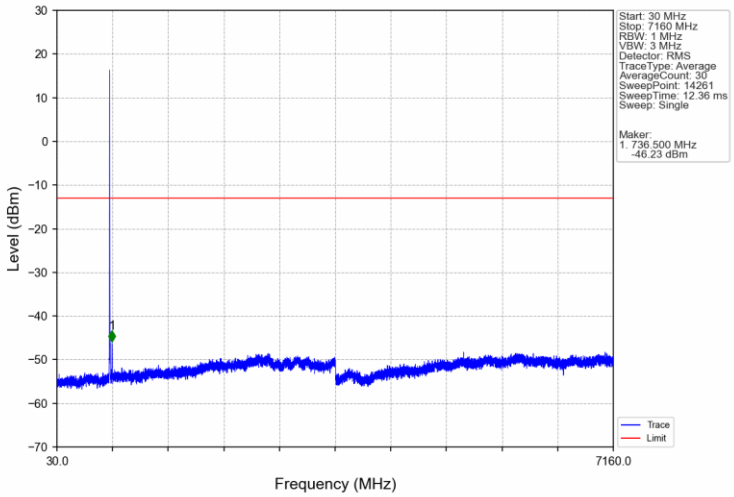
Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV



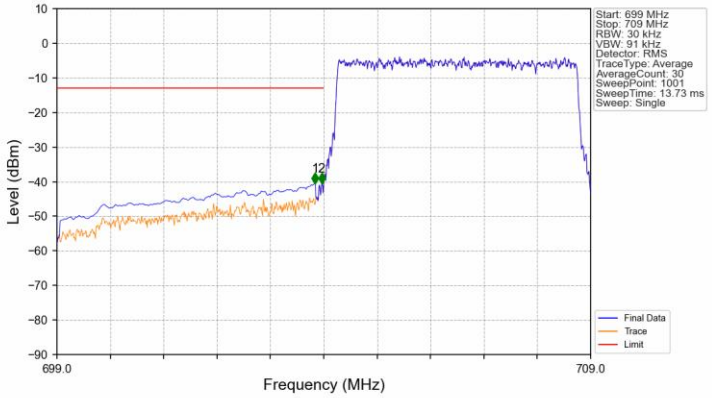
Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV



Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV

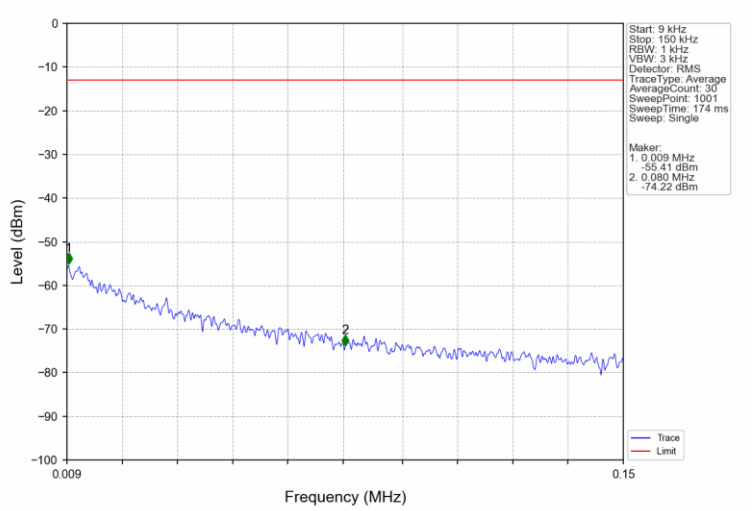


Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV

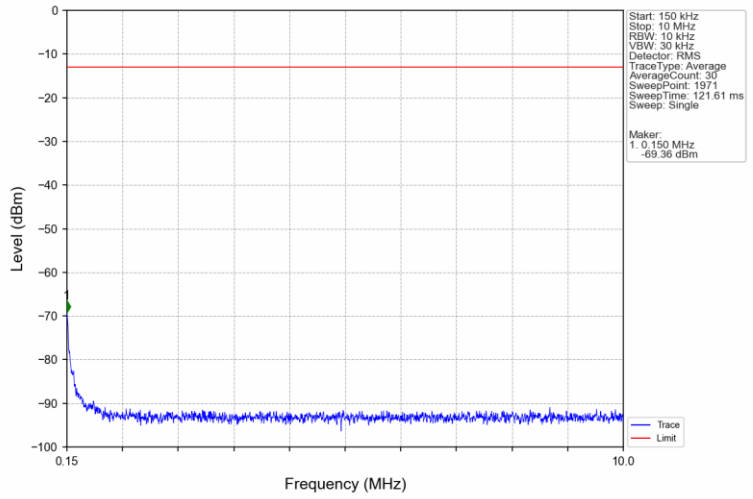


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-40.56	-13	Pass
703.9	704	0.03	/	2	703.960	-40.62	-13	Pass
704	709	0.03	/	/	/	/	/	/

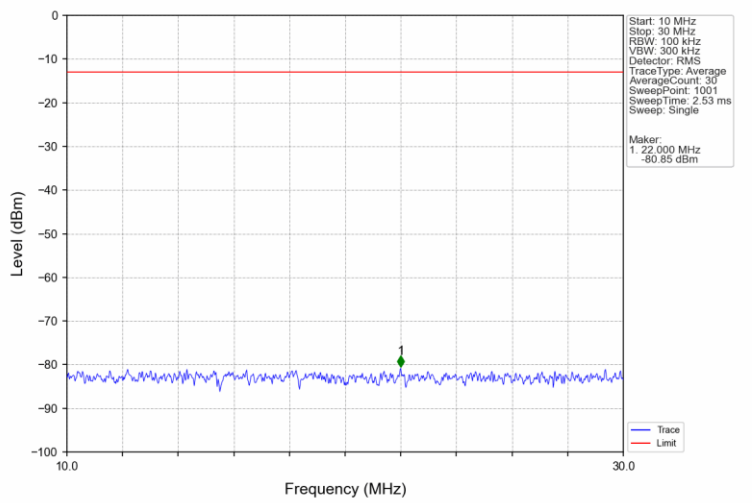
Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



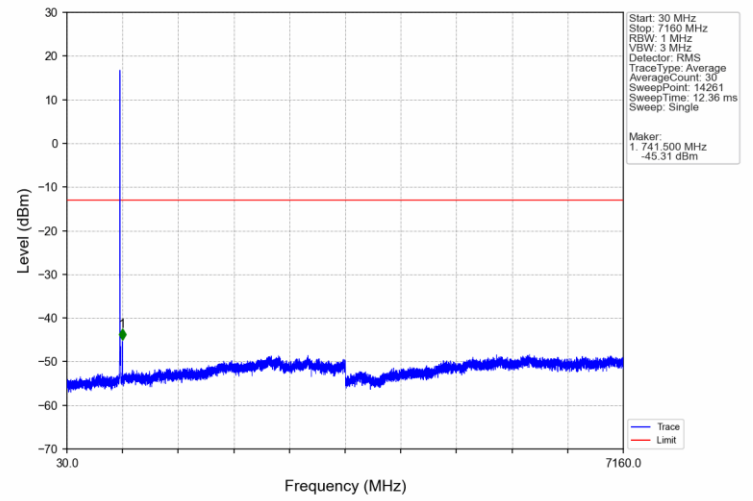
Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



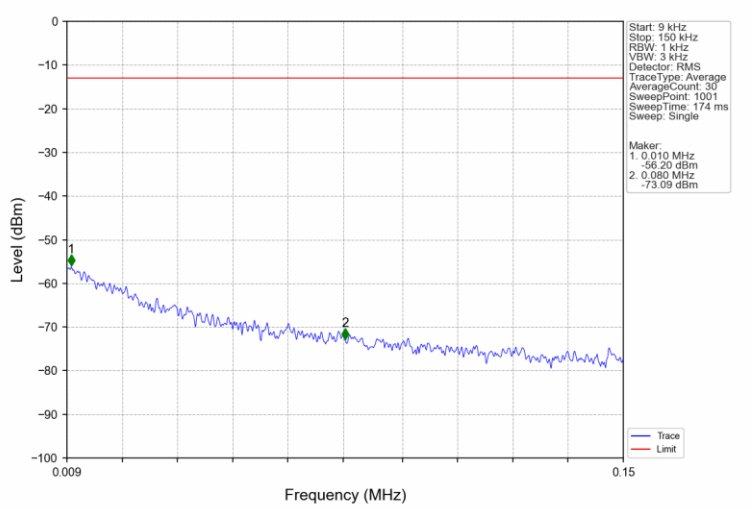
Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



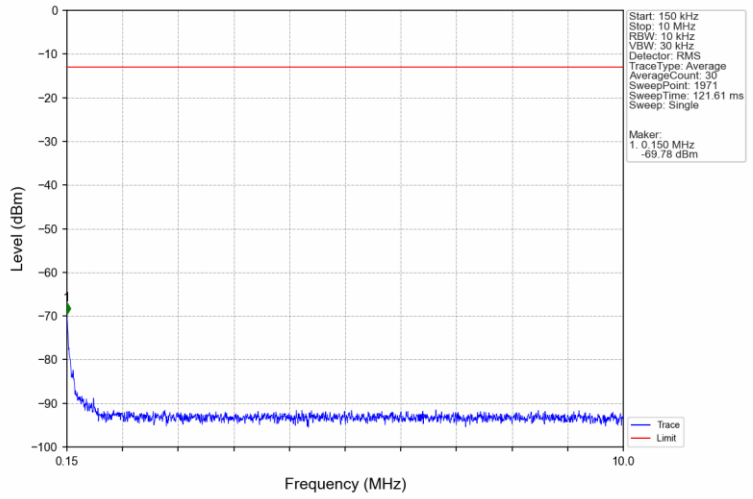
Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



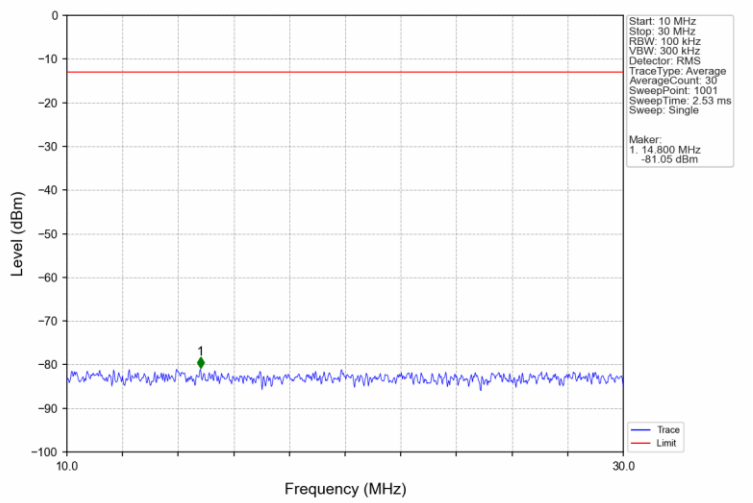
Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV