

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	23.79	0.75	22.39	<=34.77	Pass
			13	23.64	0.75	22.24	<=34.77	Pass
			24	23.80	0.75	22.40	<=34.77	Pass
		12	0	22.67	0.75	21.27	<=34.77	Pass
			6	22.69	0.75	21.29	<=34.77	Pass
			13	22.71	0.75	21.31	<=34.77	Pass
		25	0	22.71	0.75	21.31	<=34.77	Pass
	710	1	0	23.94	0.75	22.54	<=34.77	Pass
			13	23.89	0.75	22.49	<=34.77	Pass
			24	24.06	0.75	22.66	<=34.77	Pass
		12	0	22.76	0.75	21.36	<=34.77	Pass
			6	22.75	0.75	21.35	<=34.77	Pass
			13	22.68	0.75	21.28	<=34.77	Pass
		25	0	22.71	0.75	21.31	<=34.77	Pass
	713.5	1	0	23.88	0.75	22.48	<=34.77	Pass
			13	23.82	0.75	22.42	<=34.77	Pass
			24	23.95	0.75	22.55	<=34.77	Pass
		12	0	22.85	0.75	21.45	<=34.77	Pass
			6	22.78	0.75	21.38	<=34.77	Pass
			13	22.83	0.75	21.43	<=34.77	Pass
		25	0	22.85	0.75	21.45	<=34.77	Pass
16QAM	706.5	1	0	22.95	0.75	21.55	<=34.77	Pass
			13	22.95	0.75	21.55	<=34.77	Pass
			24	23.05	0.75	21.65	<=34.77	Pass
		12	0	21.68	0.75	20.28	<=34.77	Pass
			6	21.70	0.75	20.30	<=34.77	Pass
			13	21.72	0.75	20.32	<=34.77	Pass
		25	0	21.71	0.75	20.31	<=34.77	Pass
	710	1	0	22.62	0.75	21.22	<=34.77	Pass
			13	22.57	0.75	21.17	<=34.77	Pass
			24	22.74	0.75	21.34	<=34.77	Pass
		12	0	21.76	0.75	20.36	<=34.77	Pass
			6	21.76	0.75	20.36	<=34.77	Pass
			13	21.64	0.75	20.24	<=34.77	Pass
		25	0	21.73	0.75	20.33	<=34.77	Pass
	713.5	1	0	22.94	0.75	21.54	<=34.77	Pass
			13	22.84	0.75	21.44	<=34.77	Pass
			24	22.96	0.75	21.56	<=34.77	Pass
		12	0	21.85	0.75	20.45	<=34.77	Pass
			6	21.76	0.75	20.36	<=34.77	Pass
			13	21.80	0.75	20.40	<=34.77	Pass
		25	0	21.85	0.75	20.45	<=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	23.64	0.75	22.24	<=34.77	Pass	
			25	23.78	0.75	22.38	<=34.77	Pass	
			49	23.83	0.75	22.43	<=34.77	Pass	
		25	0	22.74	0.75	21.34	<=34.77	Pass	
			13	22.73	0.75	21.33	<=34.77	Pass	
			25	22.64	0.75	21.24	<=34.77	Pass	
		50	0	22.72	0.75	21.32	<=34.77	Pass	
		710	1	0	23.63	0.75	22.23	<=34.77	Pass
				25	23.77	0.75	22.37	<=34.77	Pass
	49			23.77	0.75	22.37	<=34.77	Pass	
	25		0	22.72	0.75	21.32	<=34.77	Pass	
			13	22.74	0.75	21.34	<=34.77	Pass	
			25	22.69	0.75	21.29	<=34.77	Pass	
	50		0	22.75	0.75	21.35	<=34.77	Pass	
	711		1	0	23.77	0.75	22.37	<=34.77	Pass
				25	23.83	0.75	22.43	<=34.77	Pass
		49		23.96	0.75	22.56	<=34.77	Pass	
		25	0	22.83	0.75	21.43	<=34.77	Pass	
			13	22.80	0.75	21.40	<=34.77	Pass	
			25	22.85	0.75	21.45	<=34.77	Pass	
		50	0	22.85	0.75	21.45	<=34.77	Pass	
16QAM		709	1	0	22.65	0.75	21.25	<=34.77	Pass
				25	22.81	0.75	21.41	<=34.77	Pass
	49			22.88	0.75	21.48	<=34.77	Pass	
	25		0	21.81	0.75	20.41	<=34.77	Pass	
			13	21.83	0.75	20.43	<=34.77	Pass	
			25	21.75	0.75	20.35	<=34.77	Pass	
	50		0	21.72	0.75	20.32	<=34.77	Pass	
	710		1	0	22.87	0.75	21.47	<=34.77	Pass
				25	22.98	0.75	21.58	<=34.77	Pass
		49		23.02	0.75	21.62	<=34.77	Pass	
		25	0	21.74	0.75	20.34	<=34.77	Pass	
			13	21.76	0.75	20.36	<=34.77	Pass	
			25	21.72	0.75	20.32	<=34.77	Pass	
		50	0	21.72	0.75	20.32	<=34.77	Pass	
		711	1	0	23.27	0.75	21.87	<=34.77	Pass
				25	23.27	0.75	21.87	<=34.77	Pass
	49			23.35	0.75	21.95	<=34.77	Pass	
	25		0	21.87	0.75	20.47	<=34.77	Pass	
			13	21.84	0.75	20.44	<=34.77	Pass	
			25	21.88	0.75	20.48	<=34.77	Pass	
	50		0	21.84	0.75	20.44	<=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	-1.345	-0.0019	-2.5 to 2.5	Pass
					3.85	0.029	0.0000	-2.5 to 2.5	Pass
					4.43	0.114	0.0002	-2.5 to 2.5	Pass
				-30	3.85	2.489	0.0035	-2.5 to 2.5	Pass
				-20	3.85	1.359	0.0019	-2.5 to 2.5	Pass
				-10	3.85	1.631	0.0023	-2.5 to 2.5	Pass
				0	3.85	-2.546	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-2.604	-0.0037	-2.5 to 2.5	Pass
				30	3.85	1.359	0.0019	-2.5 to 2.5	Pass
				40	3.85	-0.515	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-0.443	-0.0006	-2.5 to 2.5	Pass
	710	25	0	20	3.27	-0.787	-0.0011	-2.5 to 2.5	Pass
					3.85	-3.376	-0.0048	-2.5 to 2.5	Pass
					4.43	-4.964	-0.0070	-2.5 to 2.5	Pass
				-30	3.85	-0.587	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-1.373	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	0.229	0.0003	-2.5 to 2.5	Pass
				0	3.85	-3.219	-0.0045	-2.5 to 2.5	Pass
				10	3.85	-2.975	-0.0042	-2.5 to 2.5	Pass
				30	3.85	-1.988	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-0.257	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-1.745	-0.0025	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-3.619	-0.0051	-2.5 to 2.5	Pass
					3.85	-1.860	-0.0026	-2.5 to 2.5	Pass
					4.43	-1.731	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	1.230	0.0017	-2.5 to 2.5	Pass
				-20	3.85	0.601	0.0008	-2.5 to 2.5	Pass
				-10	3.85	-0.272	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-1.431	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-0.501	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-2.961	-0.0041	-2.5 to 2.5	Pass
				40	3.85	0.000	0.0000	-2.5 to 2.5	Pass
16QAM	706.5	25	0	20	3.27	0.114	0.0002	-2.5 to 2.5	Pass
					3.85	-1.302	-0.0018	-2.5 to 2.5	Pass
					4.43	-1.416	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-1.488	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-0.958	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-0.744	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-1.588	-0.0022	-2.5 to 2.5	Pass
				10	3.85	0.286	0.0004	-2.5 to 2.5	Pass
				30	3.85	-1.016	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-1.144	-0.0016	-2.5 to 2.5	Pass
				50	3.85	0.772	0.0011	-2.5 to 2.5	Pass
	710	25	0	20	3.27	-0.629	-0.0009	-2.5 to 2.5	Pass
					3.85	-3.119	-0.0044	-2.5 to 2.5	Pass
					4.43	0.215	0.0003	-2.5 to 2.5	Pass
				-30	3.85	0.830	0.0012	-2.5 to 2.5	Pass
				-20	3.85	1.101	0.0016	-2.5 to 2.5	Pass
				-10	3.85	-0.243	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-0.114	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-1.445	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-0.944	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-4.678	-0.0066	-2.5 to 2.5	Pass
				50	3.85	-4.106	-0.0058	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-3.934	-0.0055	-2.5 to 2.5	Pass
					3.85	-1.488	-0.0021	-2.5 to 2.5	Pass

					4.43	1.788	0.0025	-2.5 to 2.5	Pass
				-30	3.85	0.701	0.0010	-2.5 to 2.5	Pass
				-20	3.85	-2.260	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-0.758	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-2.561	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-2.317	-0.0032	-2.5 to 2.5	Pass
				30	3.85	-2.718	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-0.343	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-0.687	-0.0010	-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	-1.945	-0.0027	-2.5 to 2.5	Pass
					3.85	-2.317	-0.0033	-2.5 to 2.5	Pass
					4.43	-0.415	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-0.916	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-0.916	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-0.658	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-0.086	-0.0001	-2.5 to 2.5	Pass
				10	3.85	-0.601	-0.0008	-2.5 to 2.5	Pass
				30	3.85	0.343	0.0005	-2.5 to 2.5	Pass
				40	3.85	-0.615	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-1.001	-0.0014	-2.5 to 2.5	Pass
	710	50	0	20	3.27	-2.217	-0.0031	-2.5 to 2.5	Pass
					3.85	0.801	0.0011	-2.5 to 2.5	Pass
					4.43	-0.887	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-1.287	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	1.745	0.0025	-2.5 to 2.5	Pass
				-10	3.85	-0.329	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-2.031	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-1.087	-0.0015	-2.5 to 2.5	Pass
				30	3.85	0.157	0.0002	-2.5 to 2.5	Pass
				40	3.85	-1.273	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-0.529	-0.0007	-2.5 to 2.5	Pass
	711	50	0	20	3.27	0.443	0.0006	-2.5 to 2.5	Pass
					3.85	0.515	0.0007	-2.5 to 2.5	Pass
					4.43	0.000	0.0000	-2.5 to 2.5	Pass
				-30	3.85	-1.473	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	1.216	0.0017	-2.5 to 2.5	Pass
				-10	3.85	-1.259	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-1.116	-0.0016	-2.5 to 2.5	Pass
				10	3.85	1.388	0.0020	-2.5 to 2.5	Pass
				30	3.85	-0.458	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-2.289	-0.0032	-2.5 to 2.5	Pass
				50	3.85	1.373	0.0019	-2.5 to 2.5	Pass
16QAM	709	50	0	20	3.27	-0.758	-0.0011	-2.5 to 2.5	Pass
					3.85	0.515	0.0007	-2.5 to 2.5	Pass
					4.43	-0.172	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	0.486	0.0007	-2.5 to 2.5	Pass
				-20	3.85	-1.445	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	0.644	0.0009	-2.5 to 2.5	Pass
				0	3.85	0.315	0.0004	-2.5 to 2.5	Pass
				10	3.85	-0.801	-0.0011	-2.5 to 2.5	Pass
				30	3.85	2.031	0.0029	-2.5 to 2.5	Pass
				40	3.85	-1.030	-0.0015	-2.5 to 2.5	Pass

	710	50	0	50	3.85	-2.918	-0.0041	-2.5 to 2.5	Pass
				20	3.27	0.000	0.0000	-2.5 to 2.5	Pass
					3.85	2.975	0.0042	-2.5 to 2.5	Pass
					4.43	-0.272	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-0.687	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				0	3.85	-1.945	-0.0027	-2.5 to 2.5	Pass
				10	3.85	2.604	0.0037	-2.5 to 2.5	Pass
				30	3.85	0.315	0.0004	-2.5 to 2.5	Pass
	711	50	0	40	3.85	-1.473	-0.0021	-2.5 to 2.5	Pass
				50	3.85	0.114	0.0002	-2.5 to 2.5	Pass
				20	3.27	-0.215	-0.0003	-2.5 to 2.5	Pass
					3.85	0.072	0.0001	-2.5 to 2.5	Pass
					4.43	0.100	0.0001	-2.5 to 2.5	Pass
				-30	3.85	0.257	0.0004	-2.5 to 2.5	Pass
				-20	3.85	1.373	0.0019	-2.5 to 2.5	Pass
				-10	3.85	1.016	0.0014	-2.5 to 2.5	Pass
				0	3.85	0.558	0.0008	-2.5 to 2.5	Pass
				10	3.85	-1.431	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-1.802	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-1.230	-0.0017	-2.5 to 2.5	Pass
				50	3.85	1.631	0.0023	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B17_5MHz

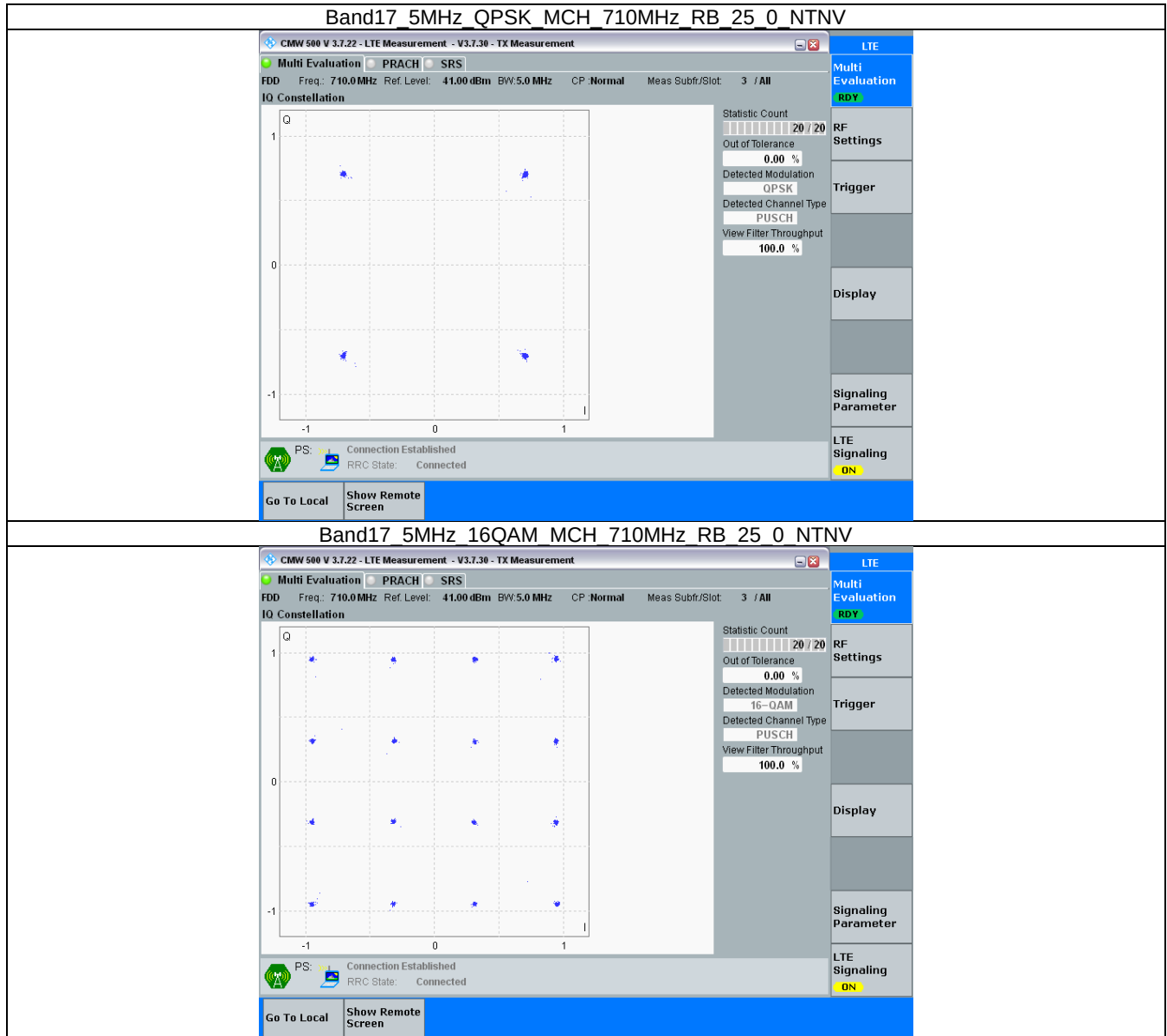
Band: 17 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	710	25	0	Refer To Test Graph		Pass
16QAM	710	25	0	Refer To Test Graph		Pass

3.1.2 B17_10MHz

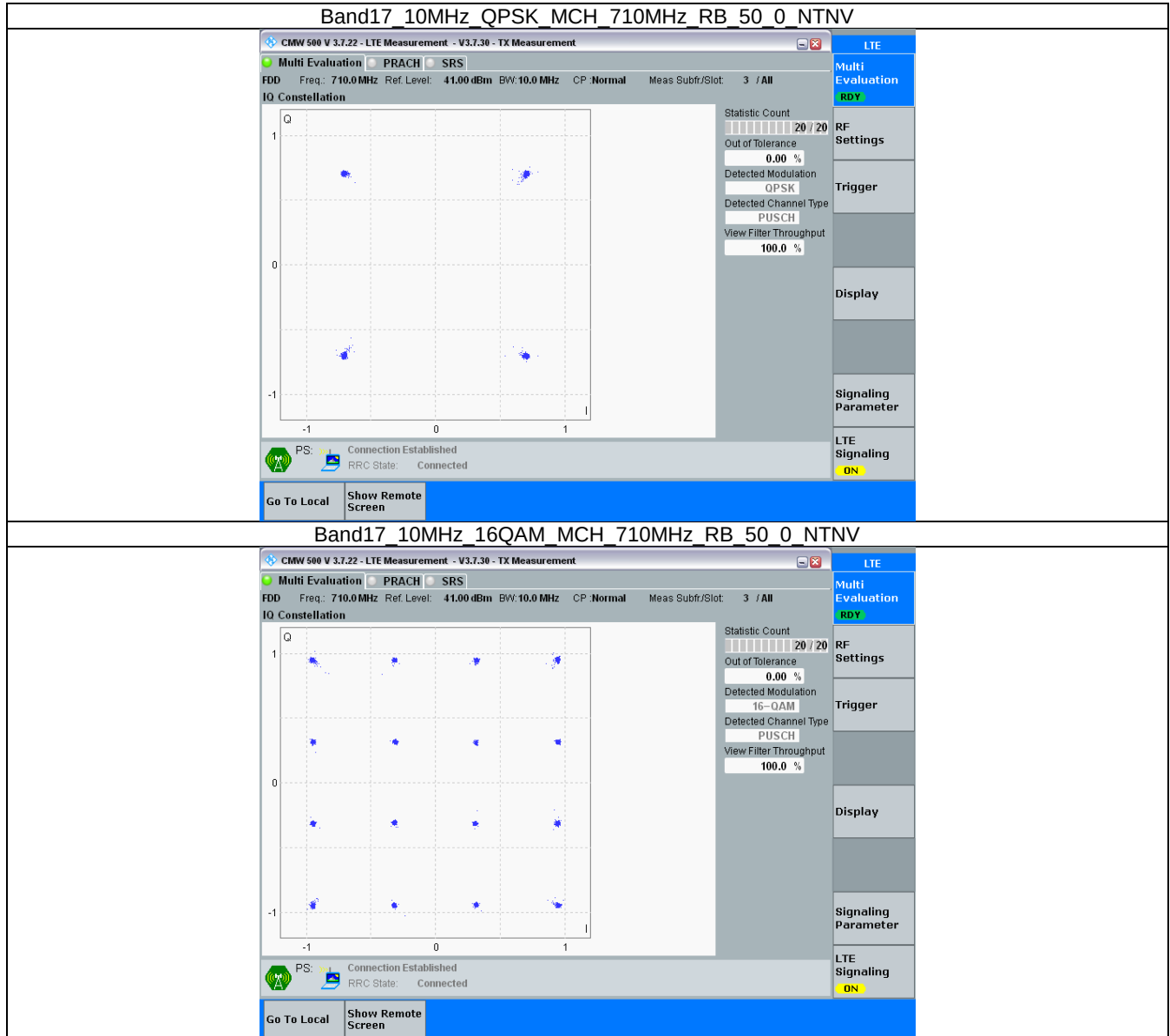
Band: 17 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	710	50	0	Refer To Test Graph		Pass
16QAM	710	50	0	Refer To Test Graph		Pass

3.2 Test Graph

3.2.1 B17_5MHz



3.2.2 B17_10MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band17_OBW

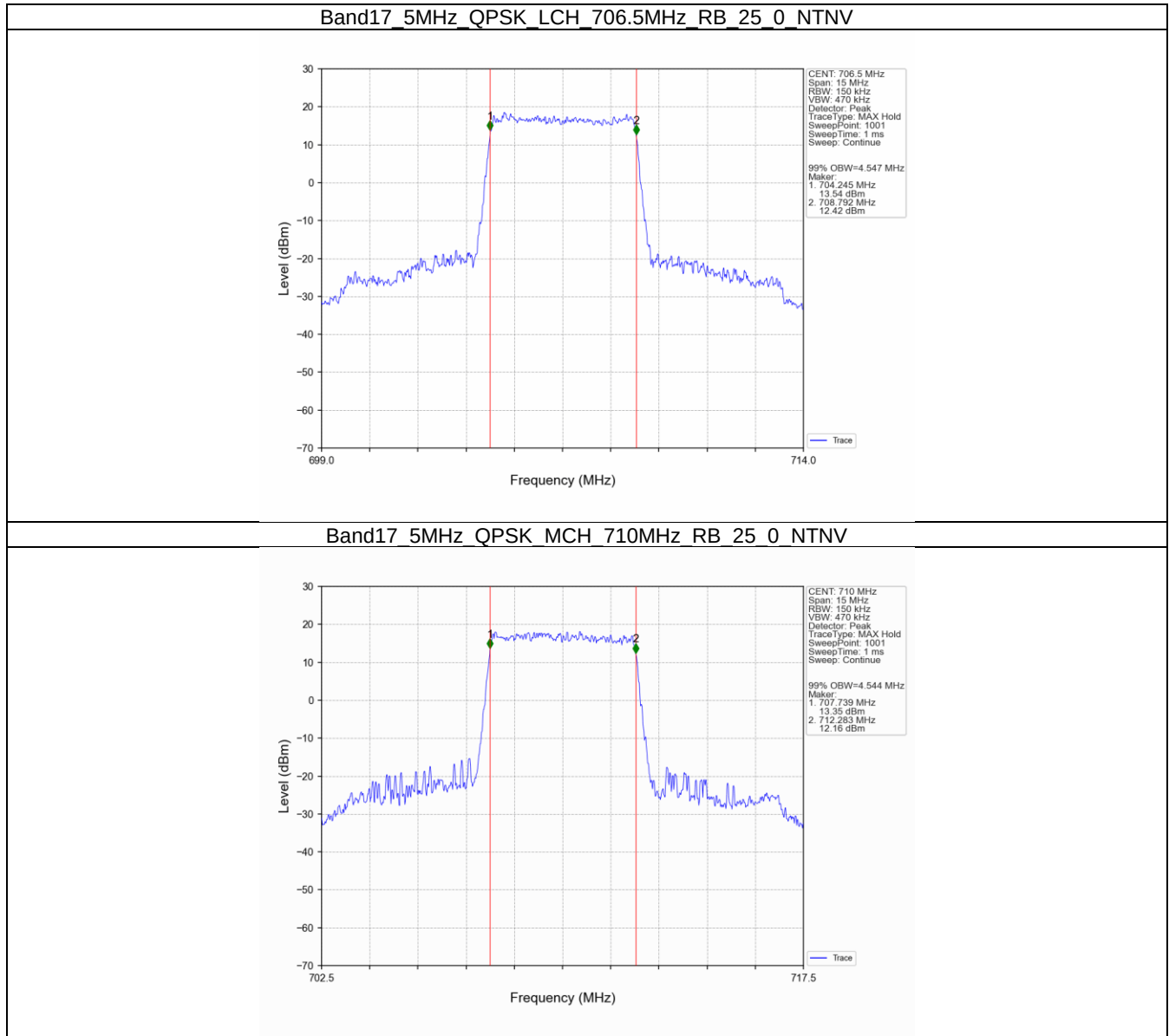
Band: 17 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	706.5	25	0	4.547	/	Pass
		710	25	0	4.544	/	Pass
		713.5	25	0	4.564	/	Pass
	16QAM	706.5	25	0	4.547	/	Pass
		710	25	0	4.556	/	Pass
		713.5	25	0	4.542	/	Pass
10	QPSK	709	50	0	9.064	/	Pass
		710	50	0	9.054	/	Pass
		711	50	0	9.065	/	Pass
	16QAM	709	50	0	9.037	/	Pass
		710	50	0	9.063	/	Pass
		711	50	0	9.056	/	Pass

4.1.2 Band17_XDB

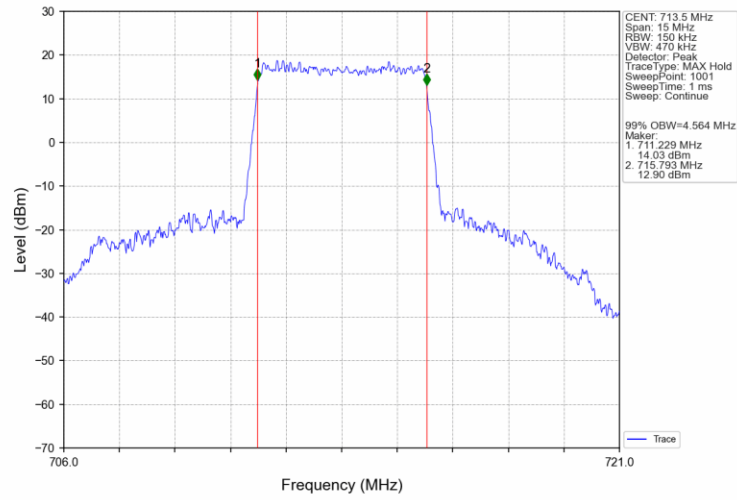
Band: 17 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	706.5	25	0	5.031	/	Pass
		710	25	0	5.027	/	Pass
		713.5	25	0	5.080	/	Pass
	16QAM	706.5	25	0	5.081	/	Pass
		710	25	0	5.027	/	Pass
		713.5	25	0	5.044	/	Pass
10	QPSK	709	50	0	9.966	/	Pass
		710	50	0	9.966	/	Pass
		711	50	0	10.031	/	Pass
	16QAM	709	50	0	9.987	/	Pass
		710	50	0	9.938	/	Pass
		711	50	0	9.892	/	Pass

4.2 Test Graph

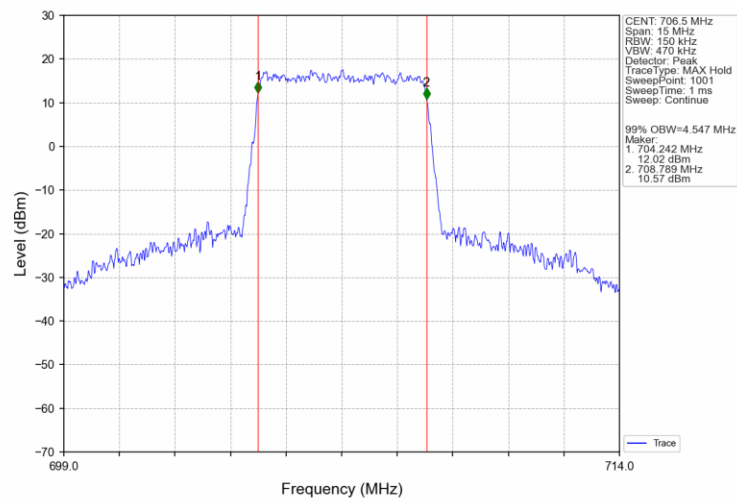
4.2.1 Band17_OBW



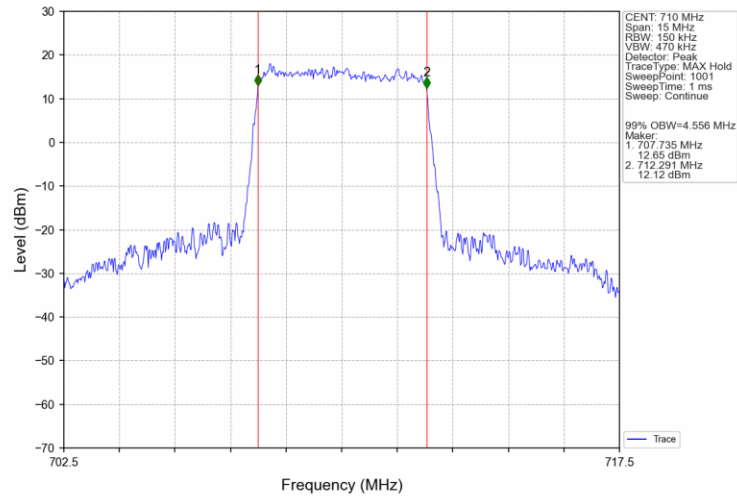
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



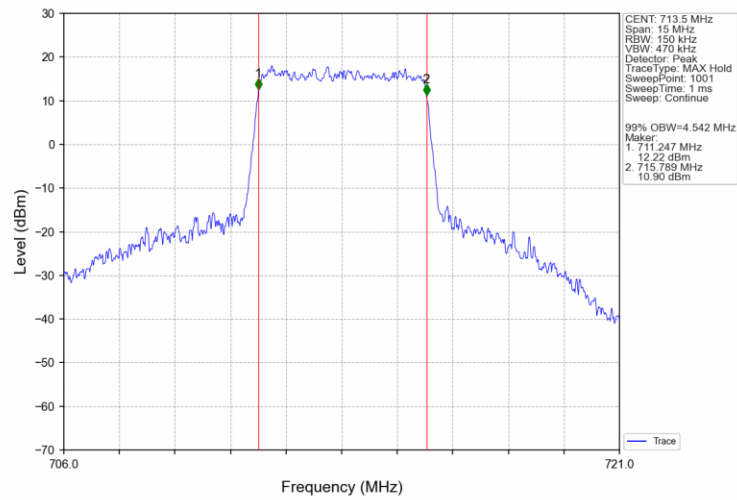
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



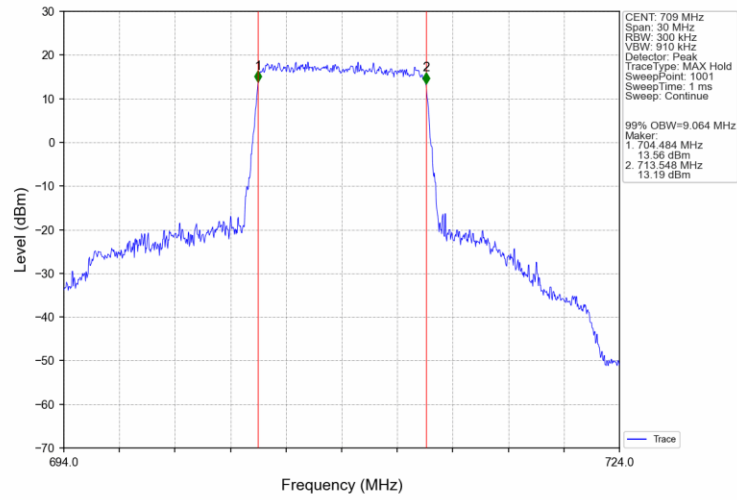
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



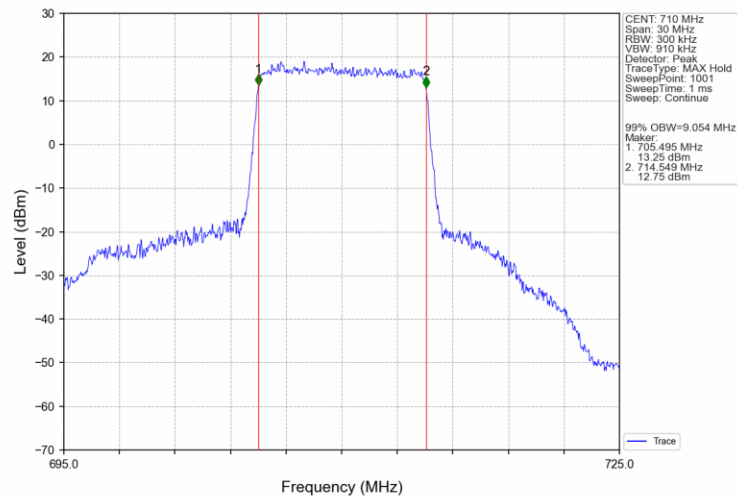
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



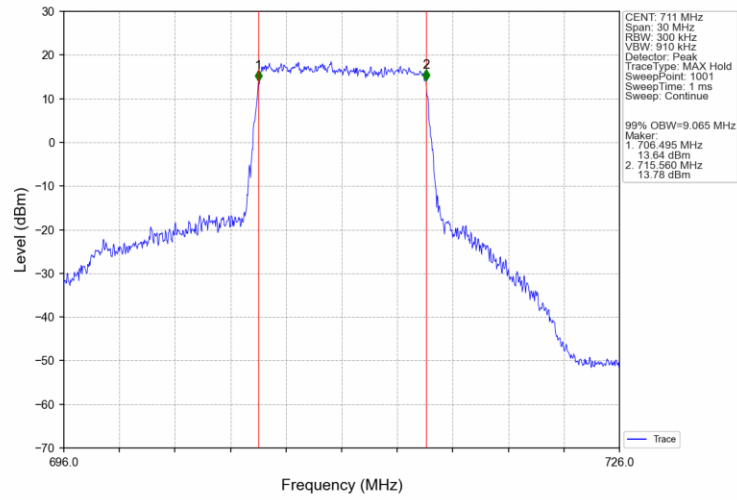
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



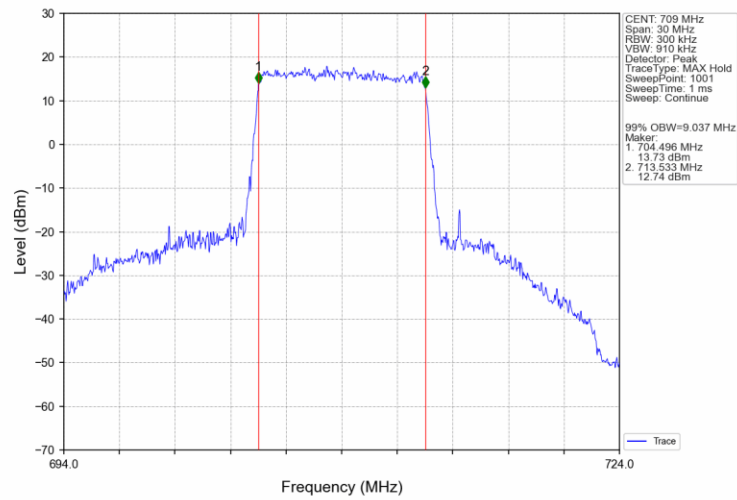
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



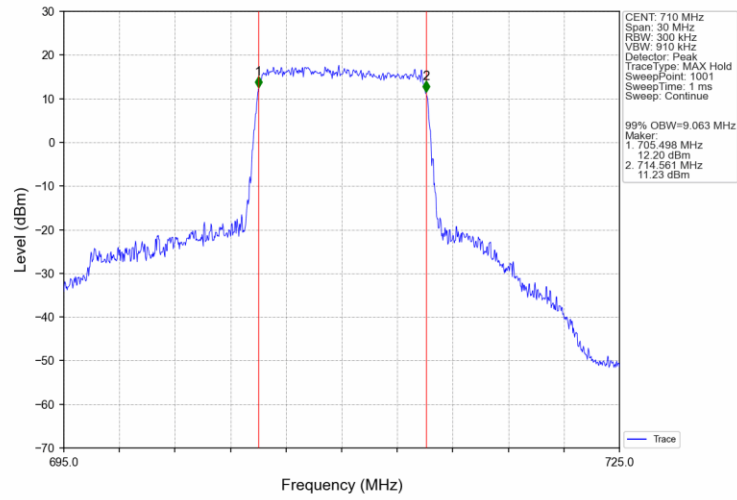
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



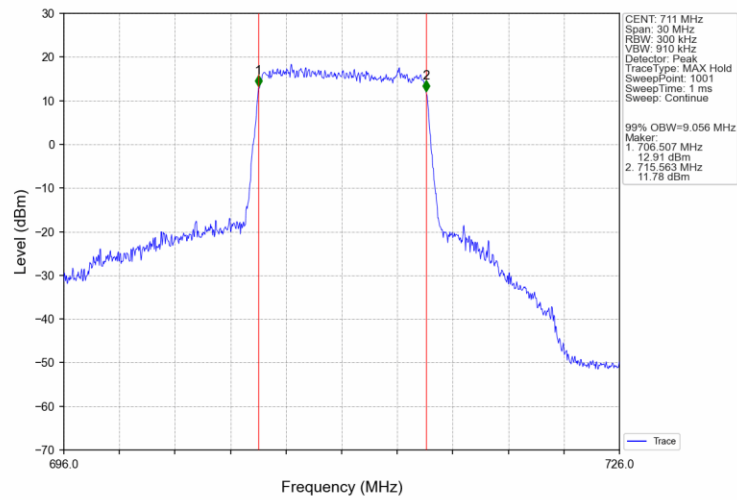
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV

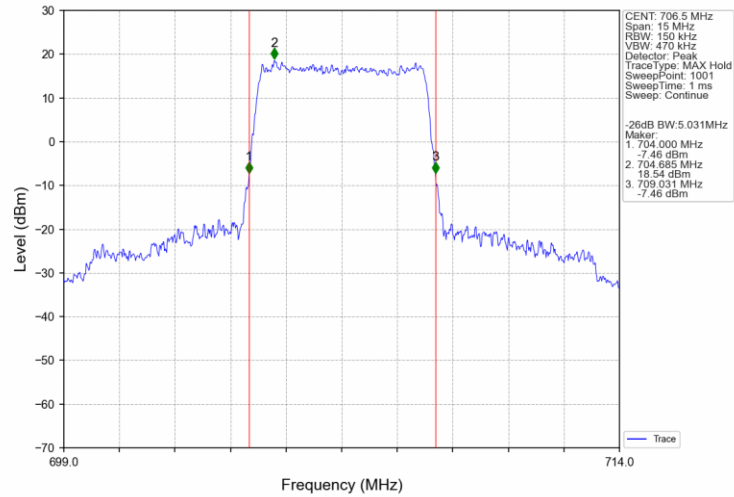


Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV

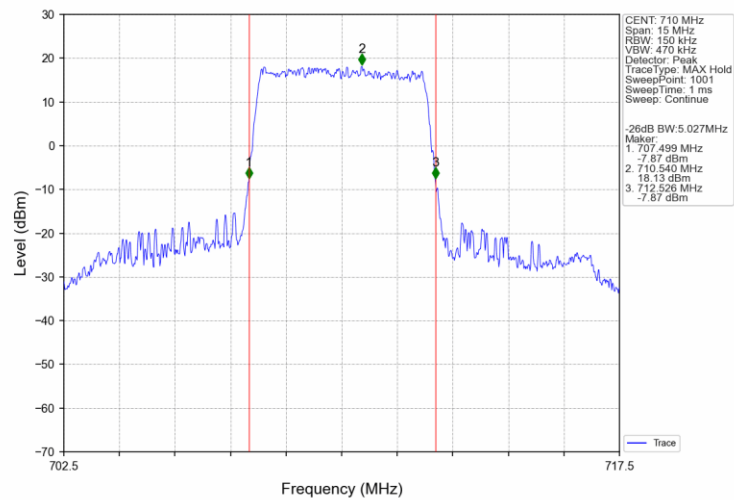


4.2.2 Band17_XDB

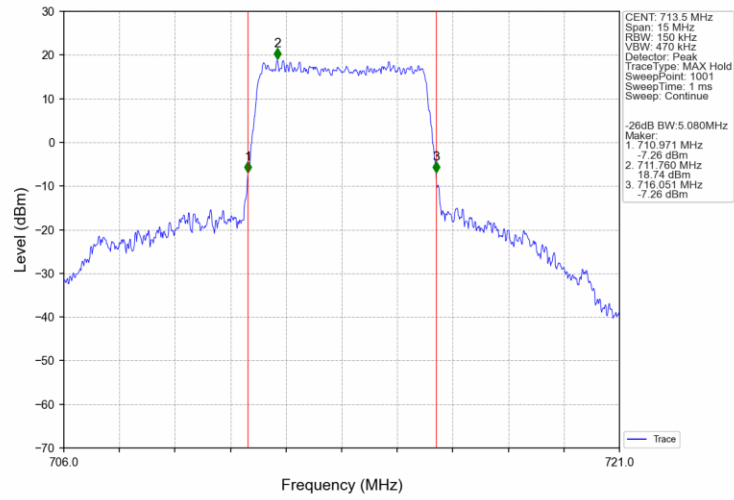
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



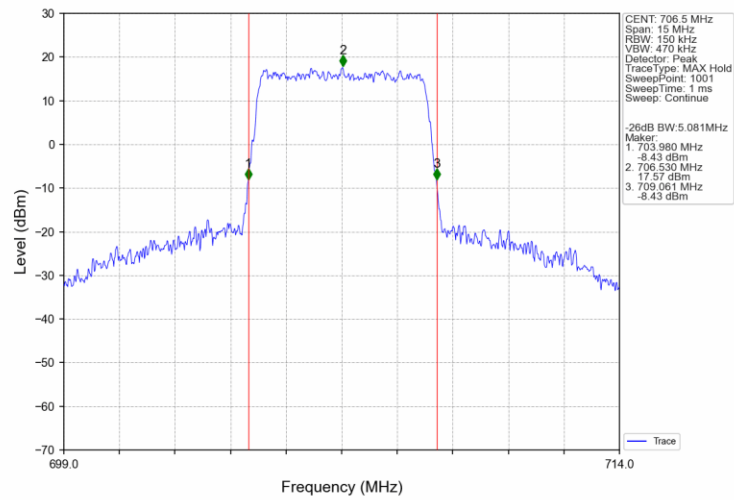
Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



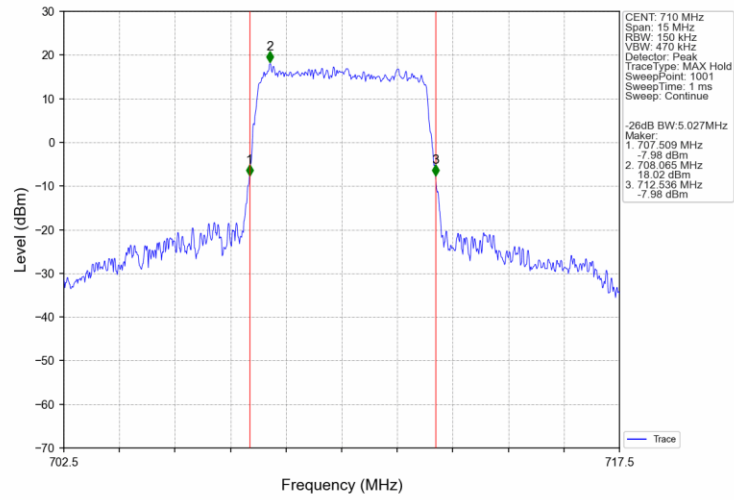
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



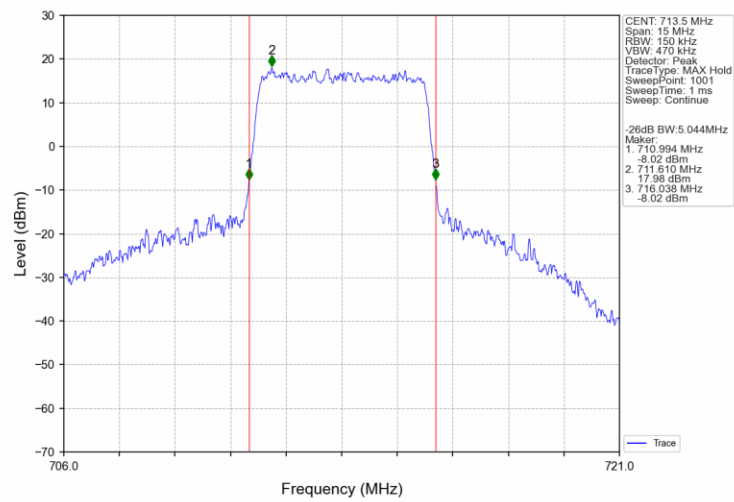
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



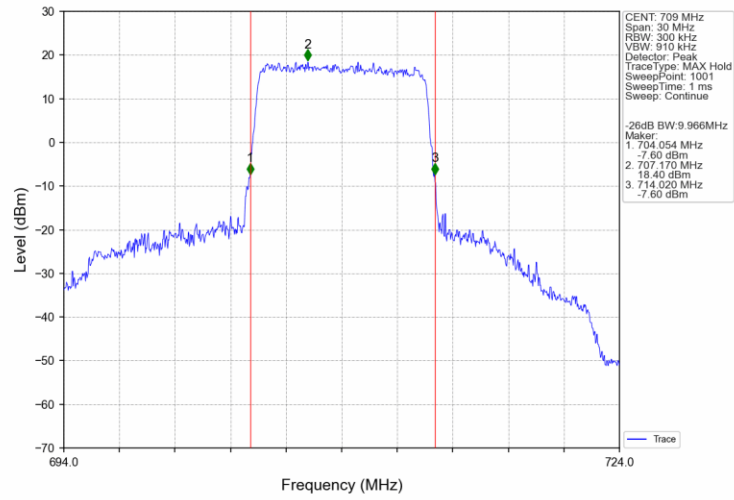
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



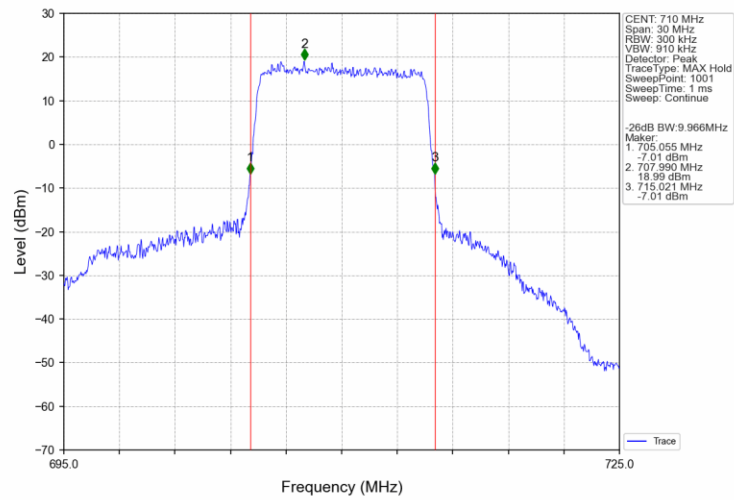
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



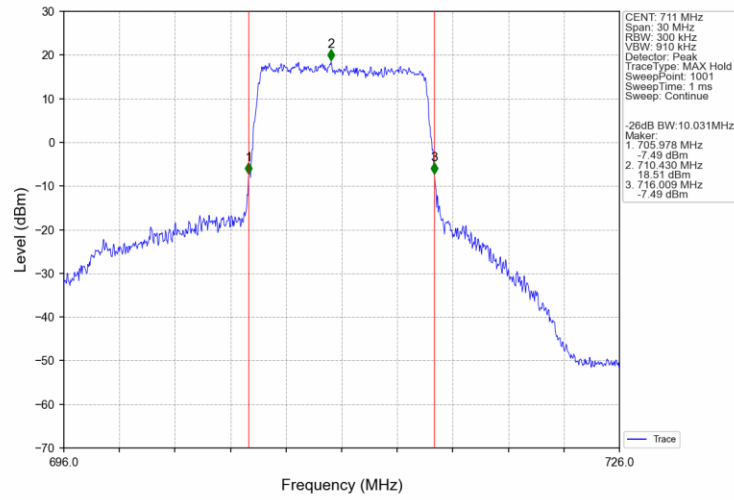
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



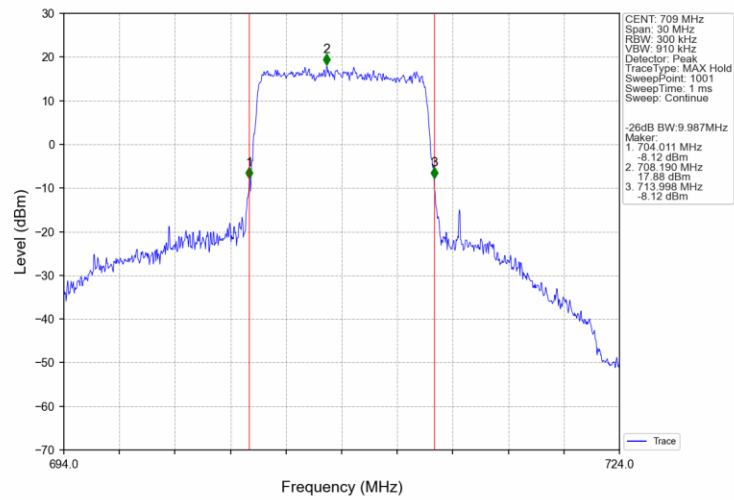
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



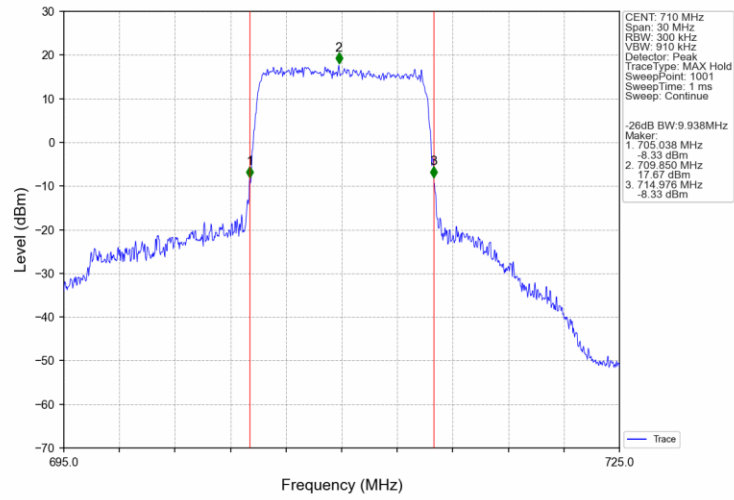
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



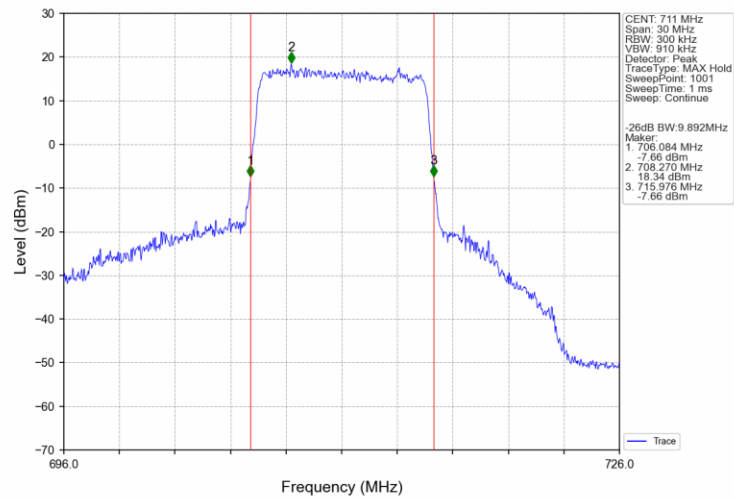
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B17_5MHz

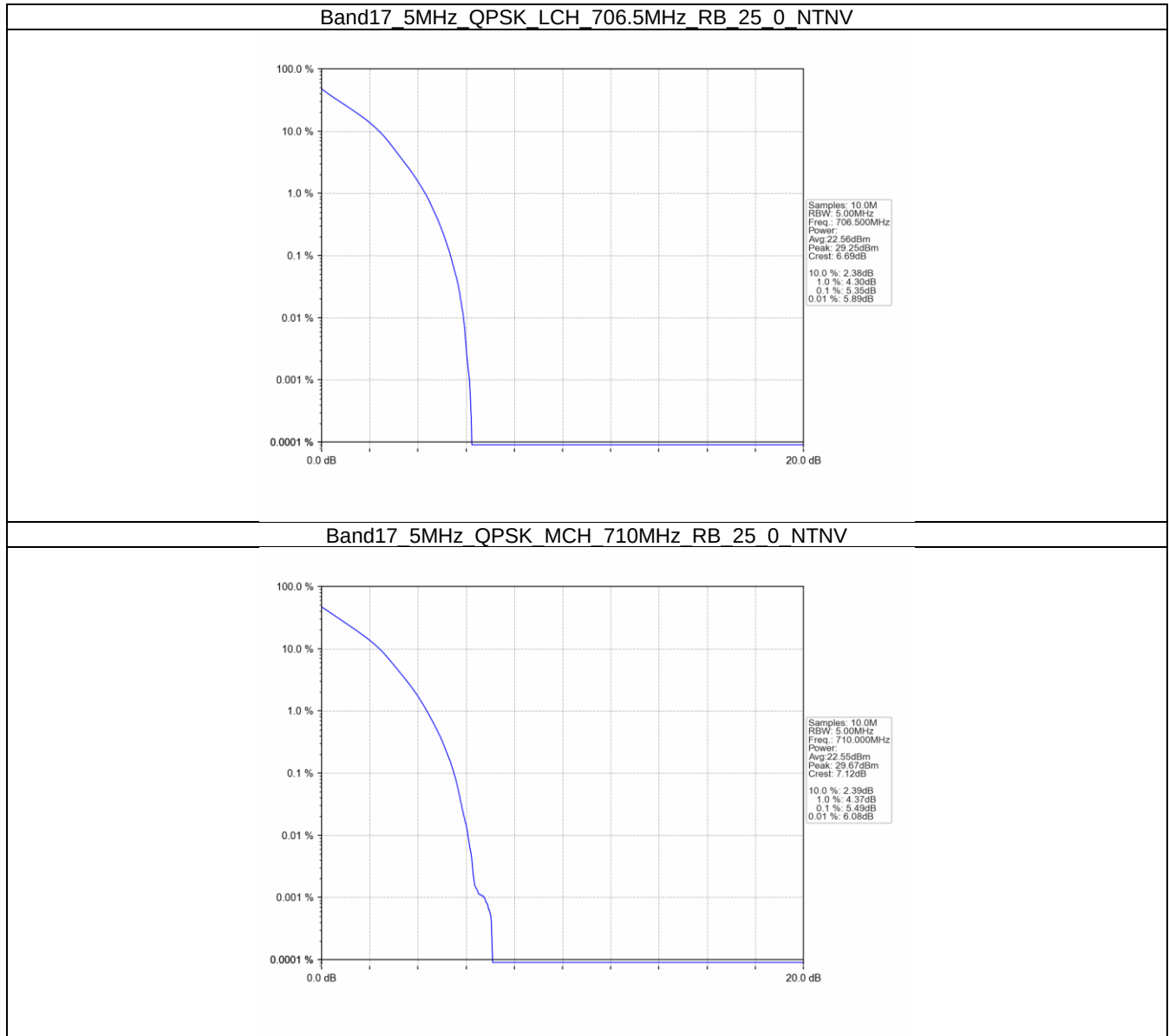
Band: 17 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	706.5	25	0	5.35	<=13	Pass
	710	25	0	5.49	<=13	Pass
	713.5	25	0	5.19	<=13	Pass
16QAM	706.5	25	0	6.09	<=13	Pass
	710	25	0	6.21	<=13	Pass
	713.5	25	0	5.89	<=13	Pass

5.1.2 B17_10MHz

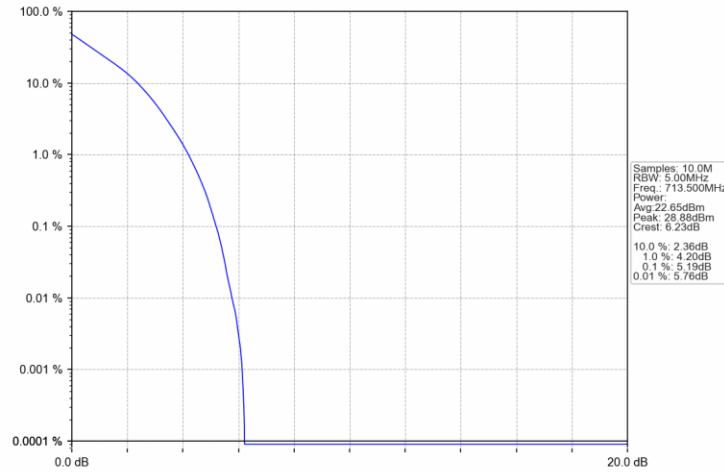
Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	709	50	0	5.34	<=13	Pass
	710	50	0	5.29	<=13	Pass
	711	50	0	5.31	<=13	Pass
16QAM	709	50	0	6.16	<=13	Pass
	710	50	0	6.13	<=13	Pass
	711	50	0	6.06	<=13	Pass

5.2 Test Graph

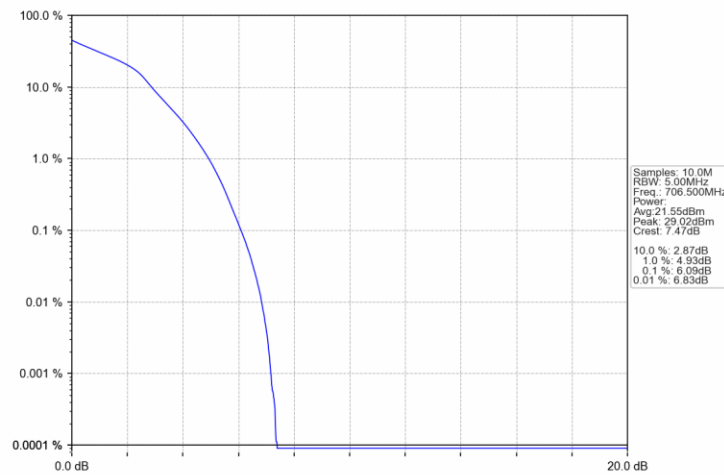
5.2.1 B17_5MHz



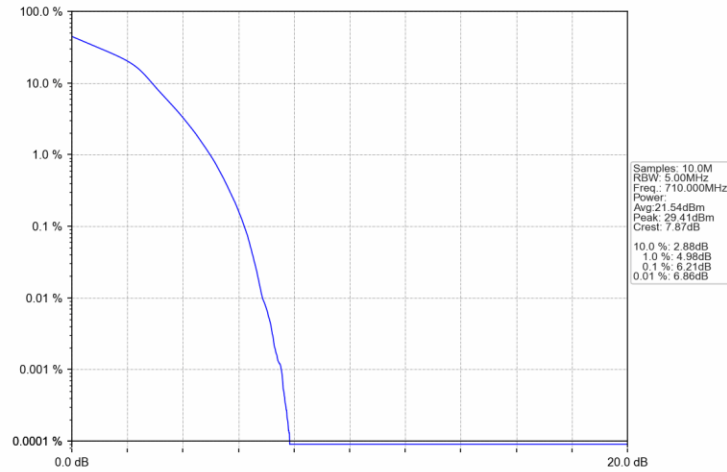
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



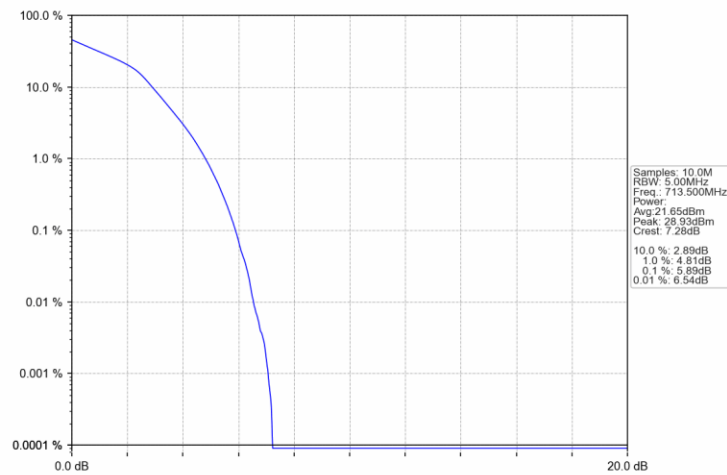
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV

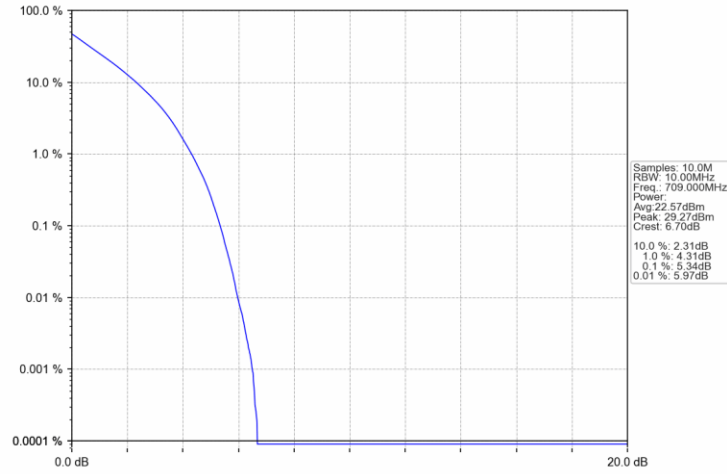


Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV

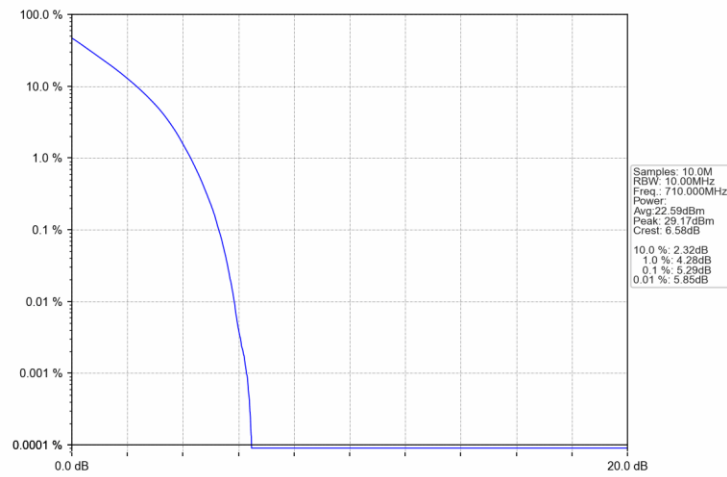


5.2.2 B17_10MHz

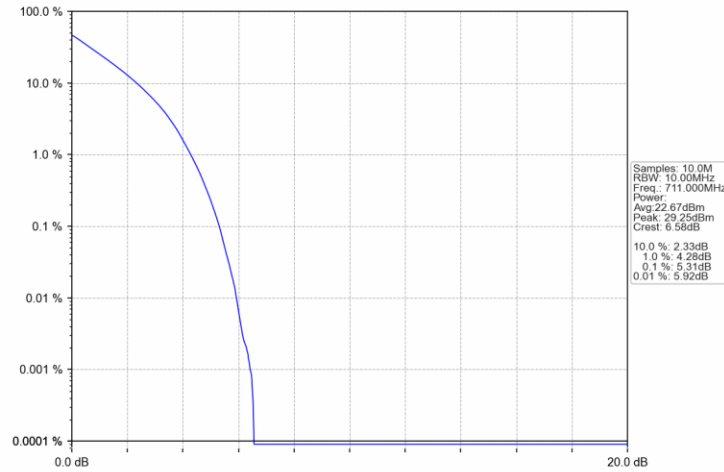
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



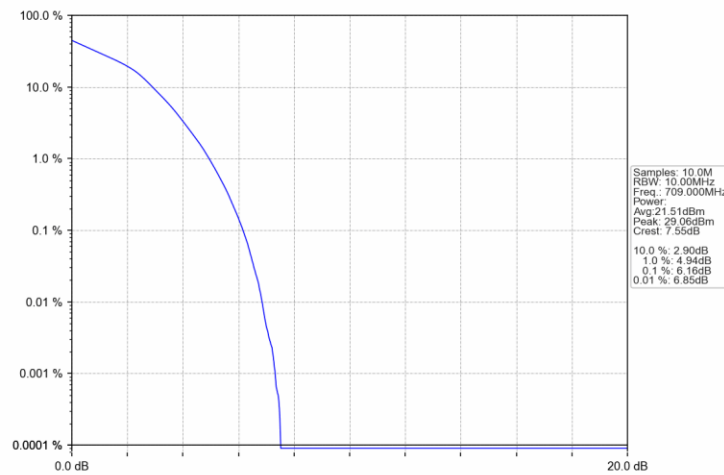
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



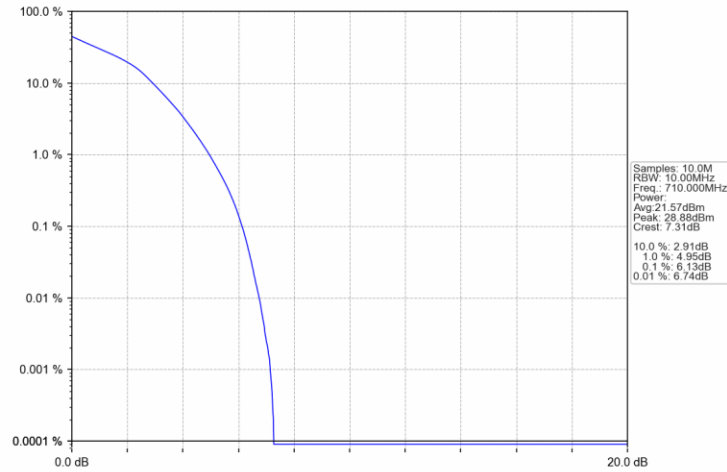
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



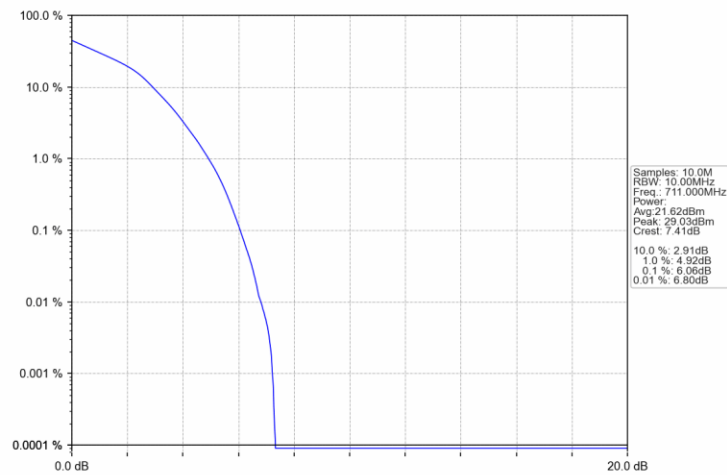
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 B17_5MHz

Band: 17 / Bandwidth: 5MHz / 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

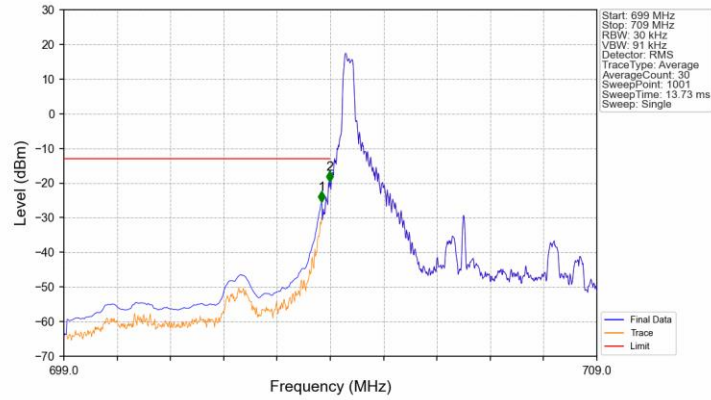
6.1.2 B17_10MHz

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

6.2 Test Graph

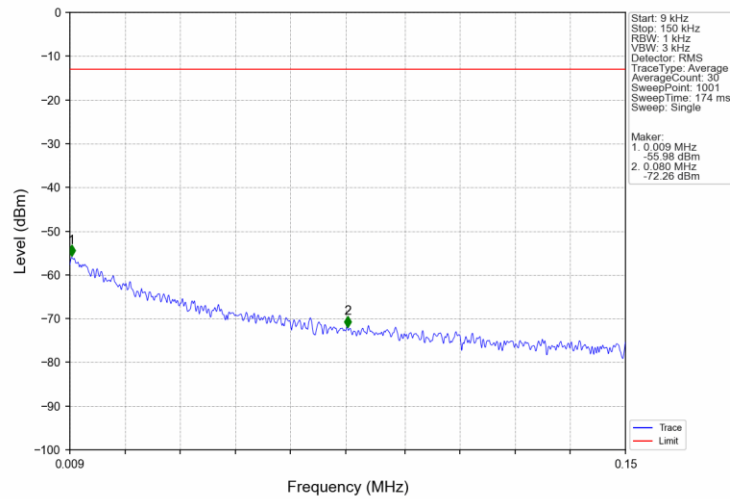
6.2.1 B17_5MHz

Band17 5MHz QPSK LCH 706.5MHz RB 1 0 NTNv

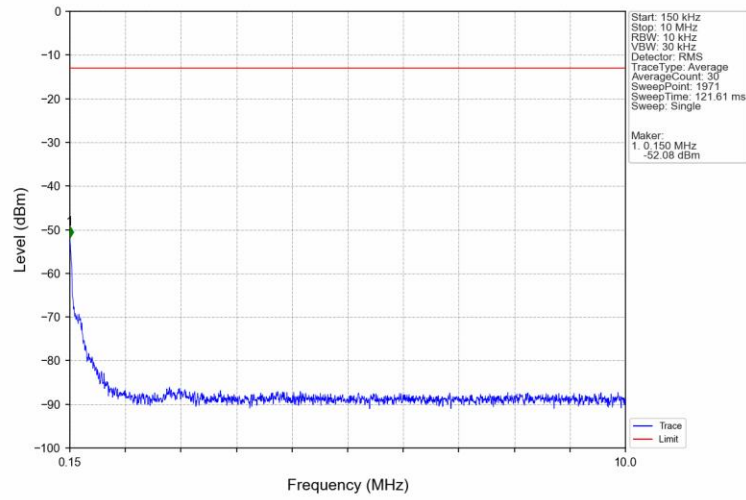


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-25.46	-13	Pass
703.9	704	0.03	/	2	703.990	-19.67	-13	Pass
704	709	0.03	/	/	/	/	/	/

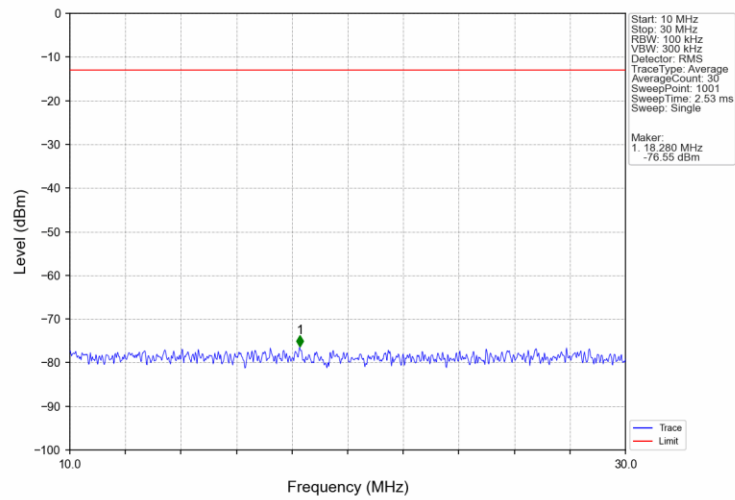
Band17 5MHz QPSK LCH 706.5MHz RB 1 0 NTNv



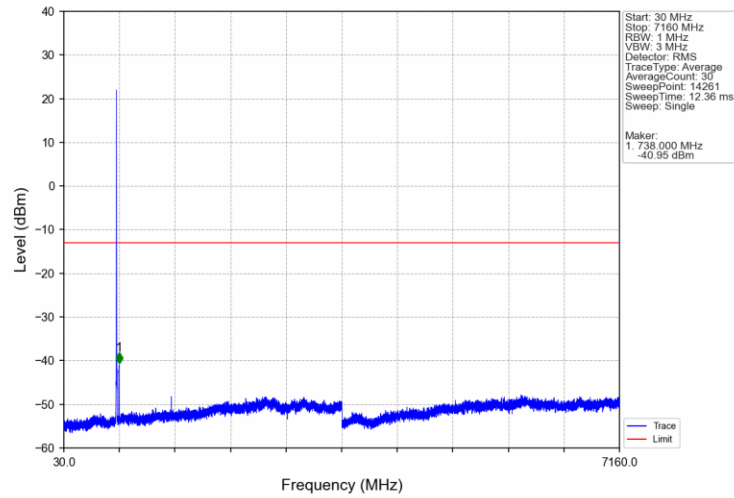
Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV



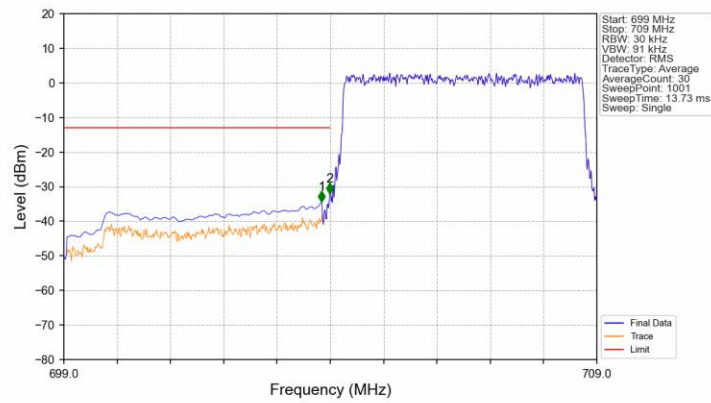
Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV



Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV

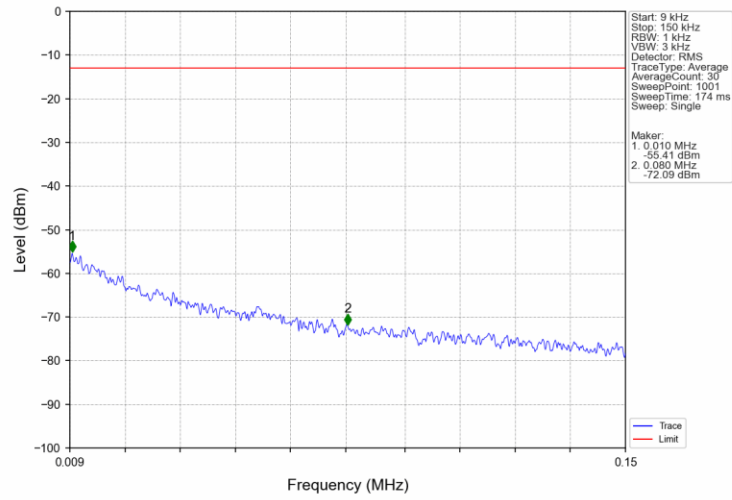


Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV

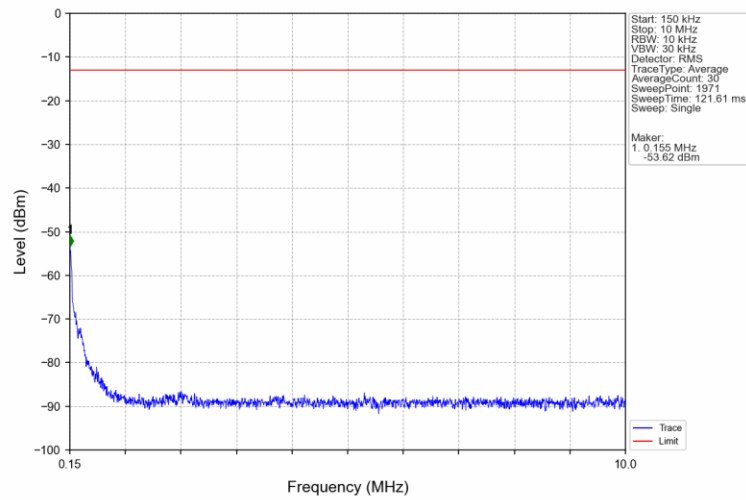


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-34.47	-13	Pass
703.9	704	0.03	/	2	703.990	-31.98	-13	Pass
704	709	0.03	/	/	/	/	/	/

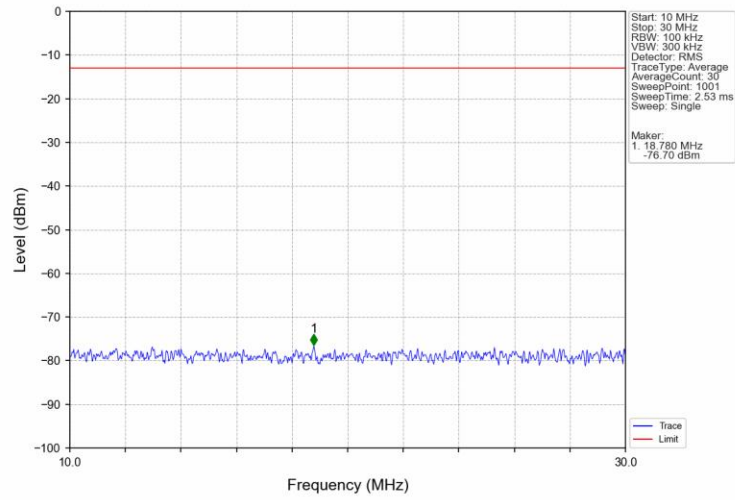
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



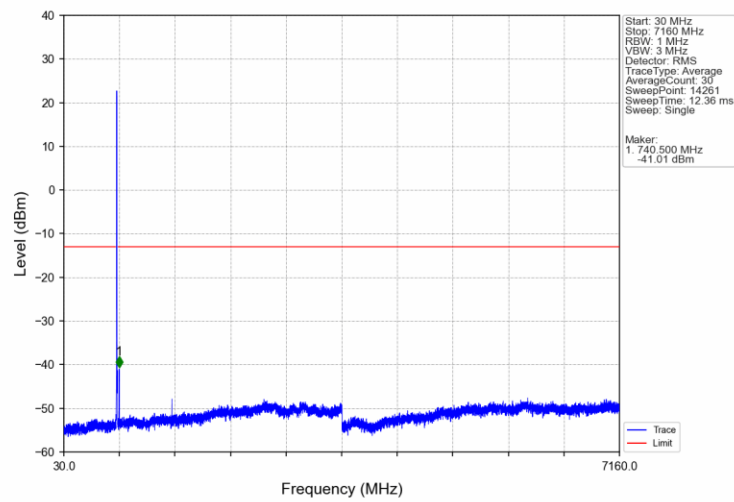
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



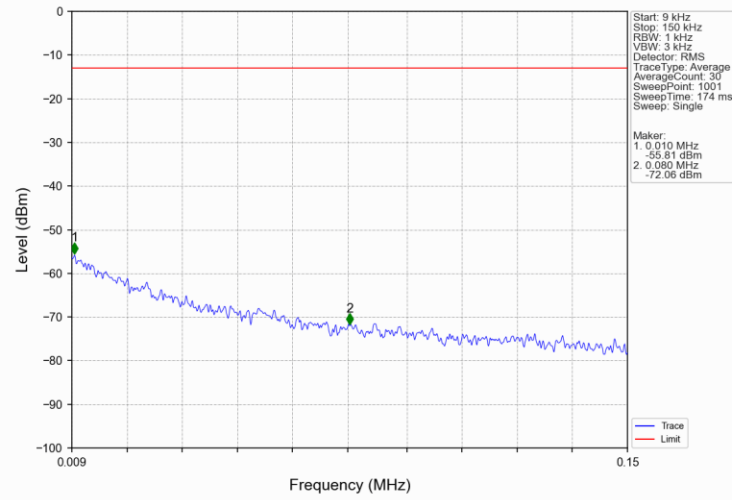
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



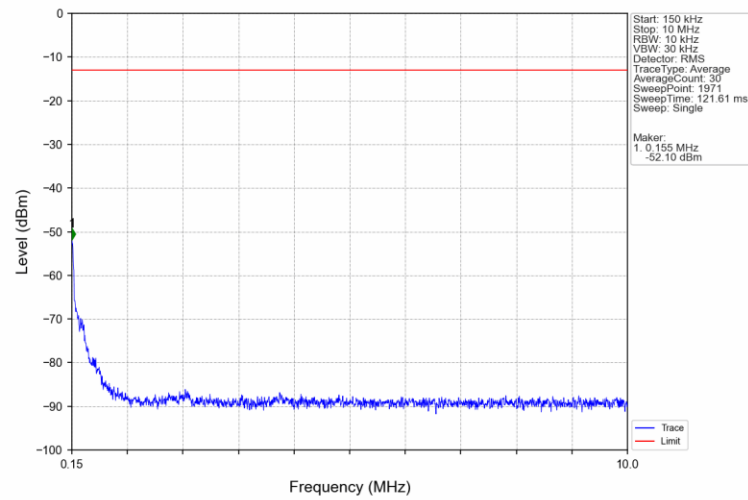
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



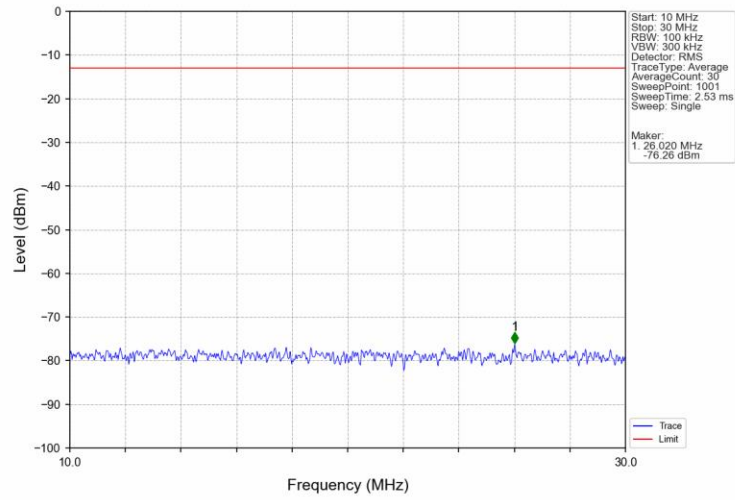
Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV



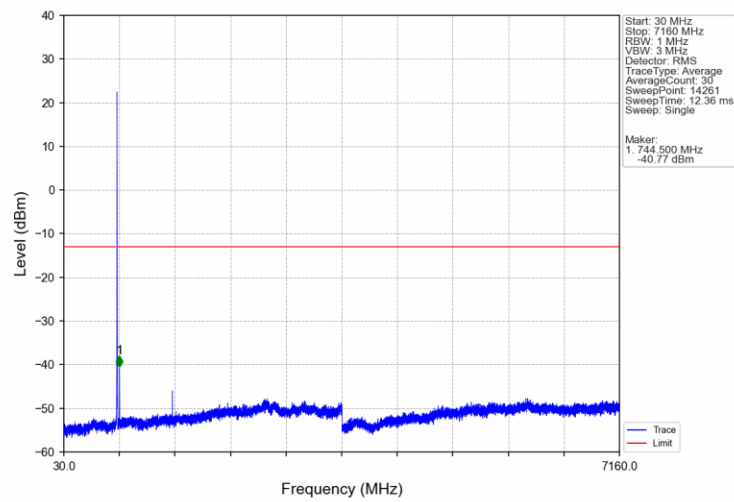
Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV



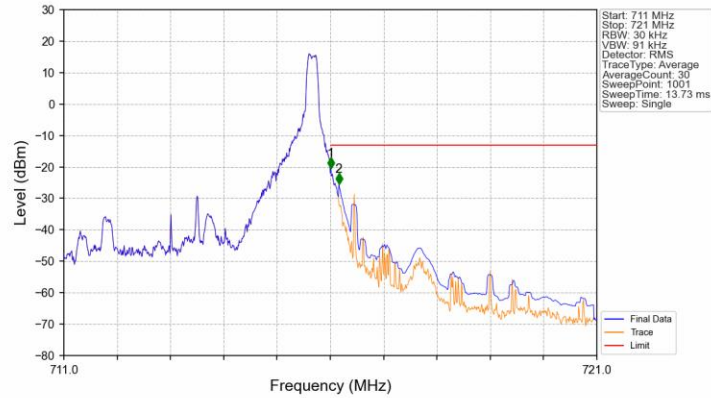
Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV



Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV

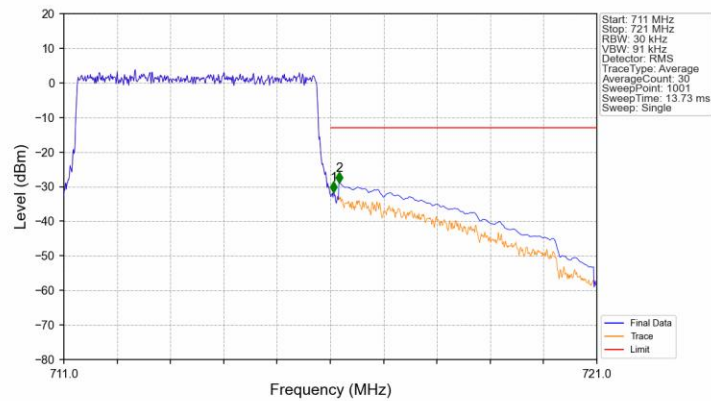


Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV



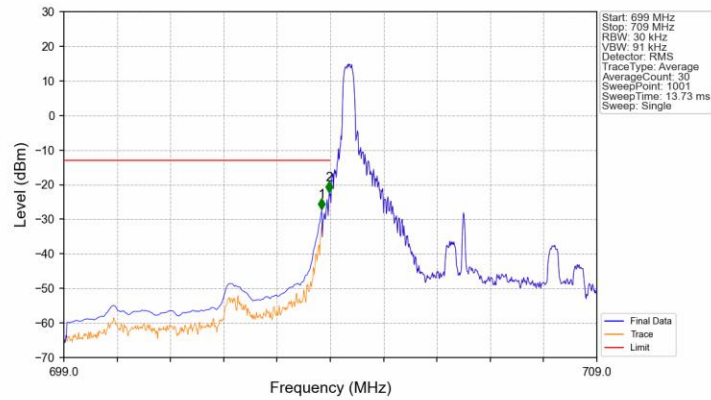
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-20.51	-13	Pass
716.1	721	0.1	CHP	2	716.160	-25.40	-13	Pass

Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



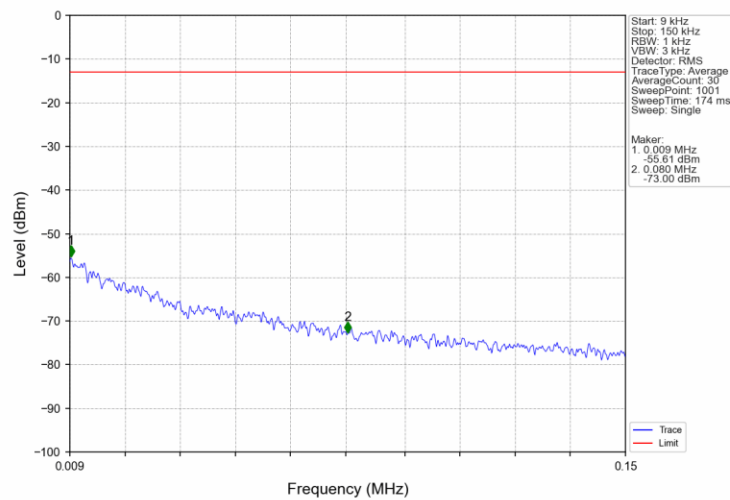
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.060	-31.64	-13	Pass
716.1	721	0.1	CHP	2	716.170	-28.89	-13	Pass

Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV

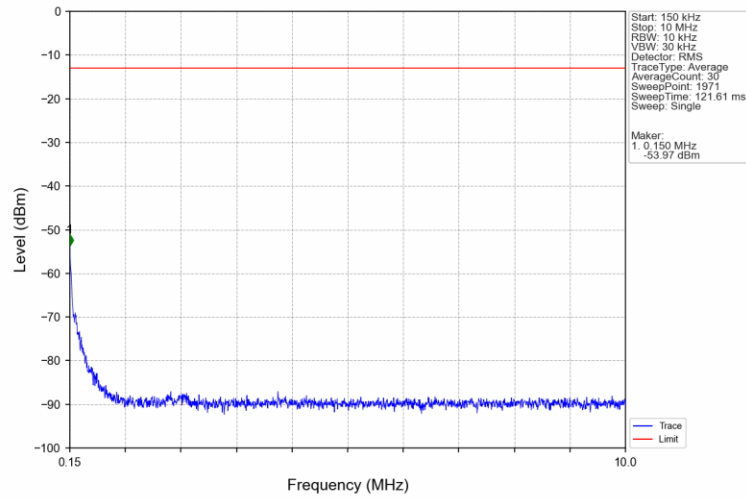


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-27.22	-13	Pass
703.9	704	0.03	/	2	703.980	-22.23	-13	Pass
704	709	0.03	/	/	/	/	/	/

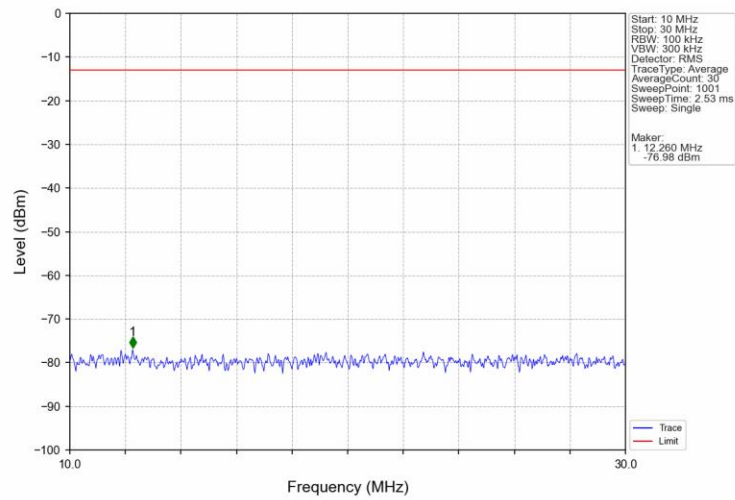
Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV



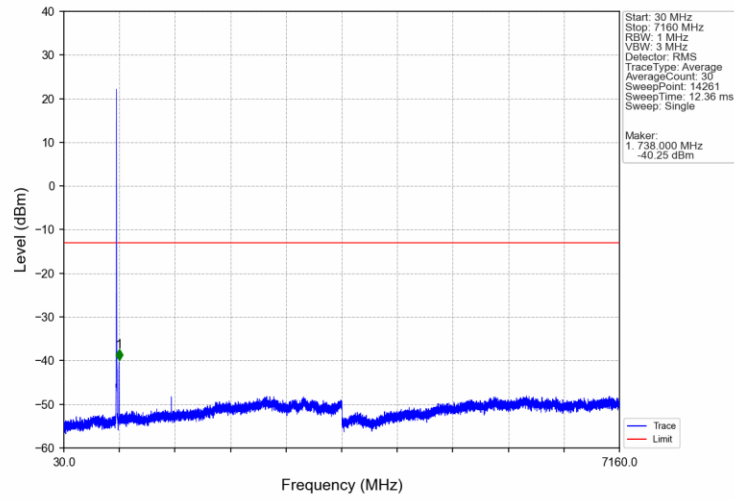
Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV



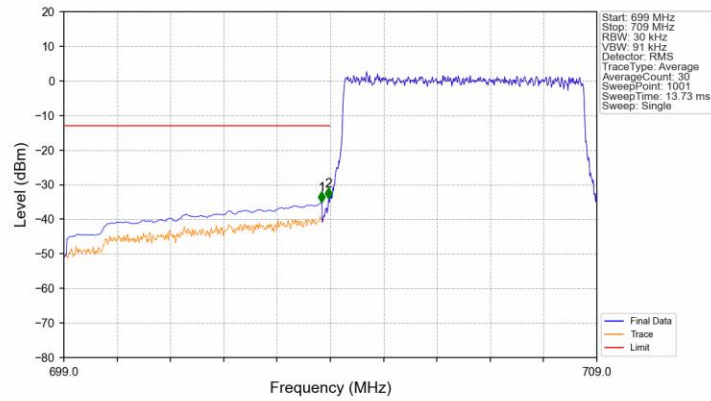
Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV



Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV

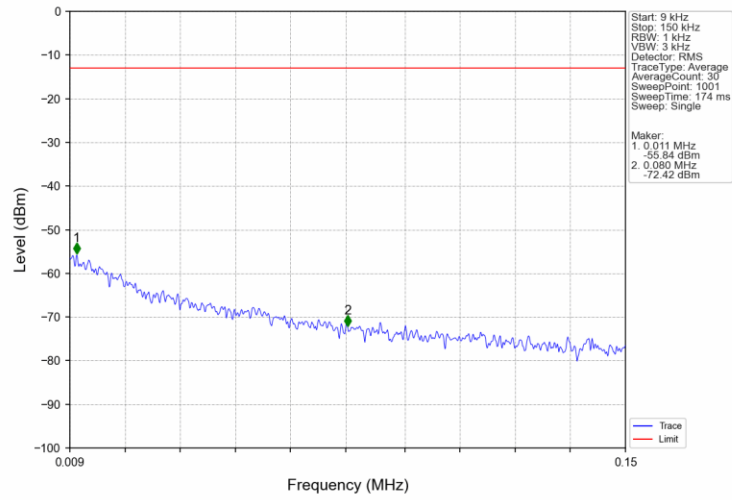


Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV

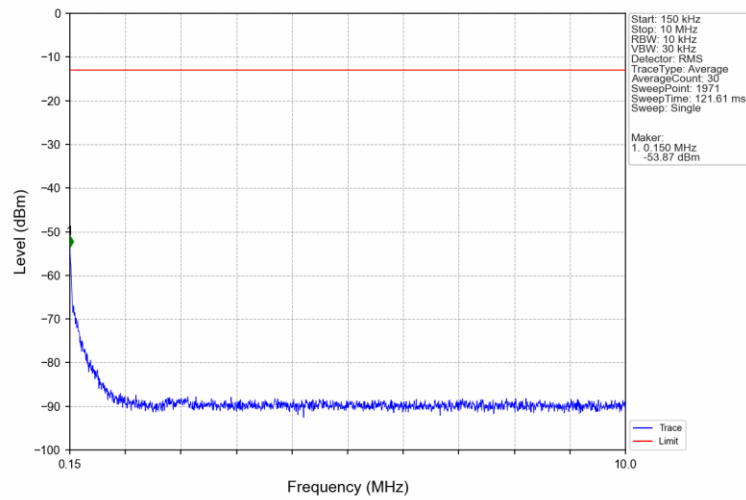


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-35.09	-13	Pass
703.9	704	0.03	/	2	703.970	-34.11	-13	Pass
704	709	0.03	/	/	/	/	/	/

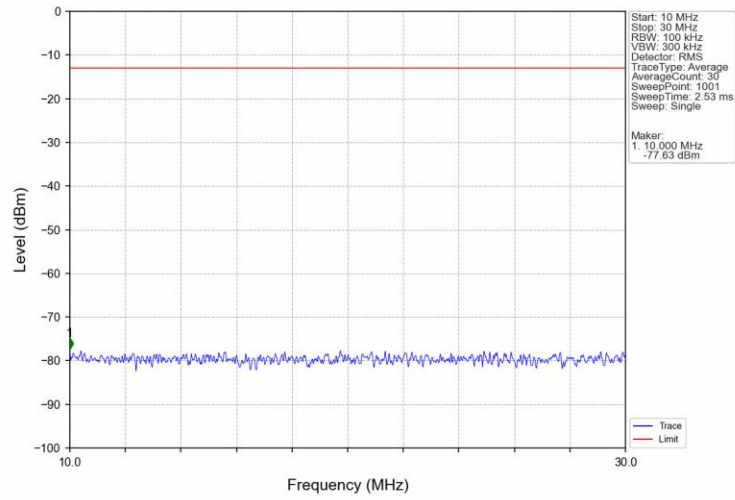
Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



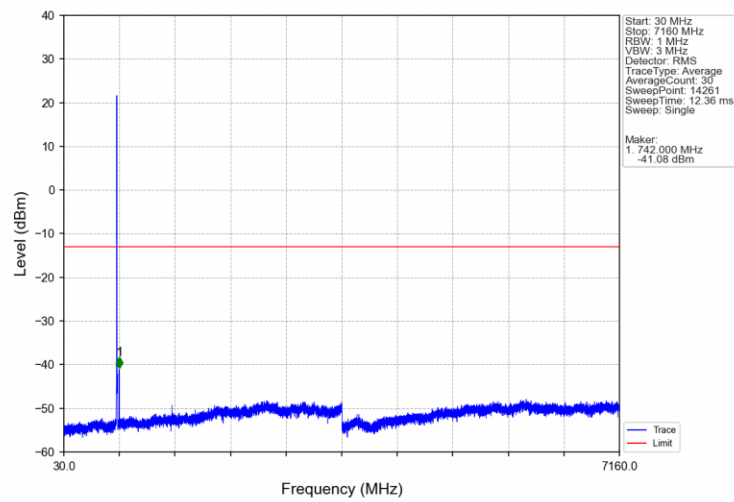
Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



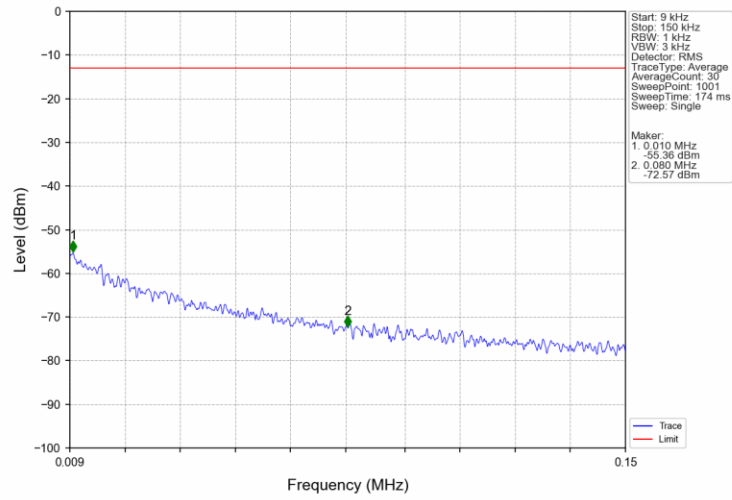
Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



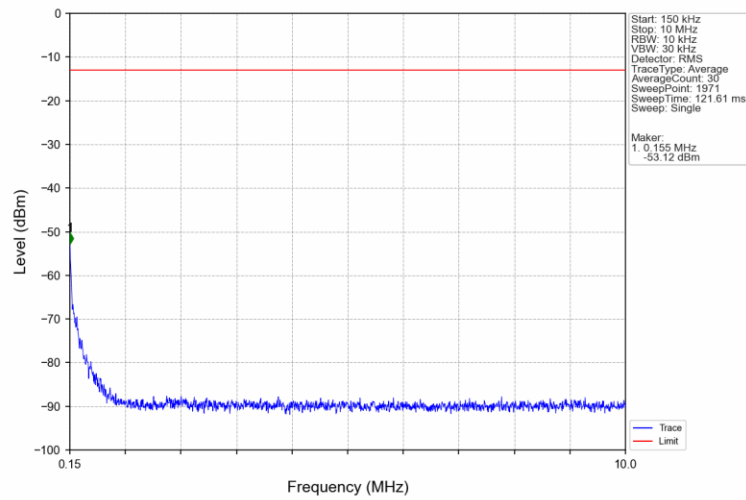
Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



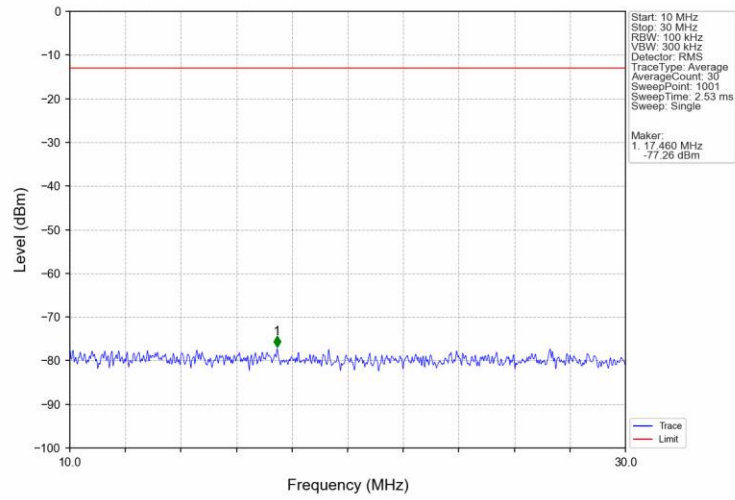
Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



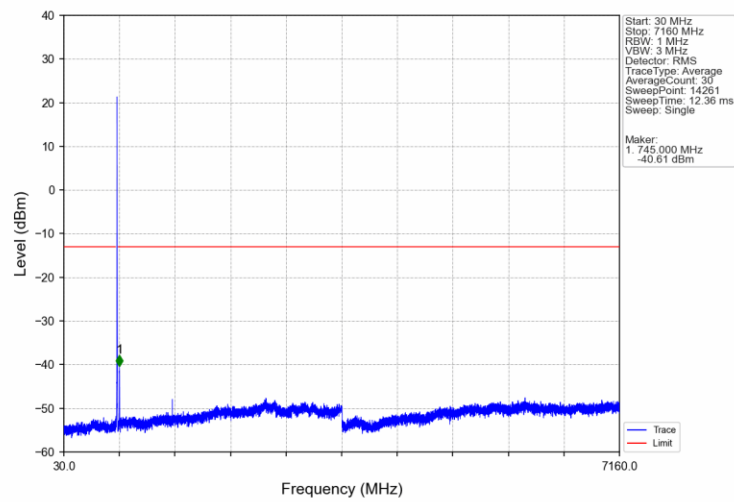
Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



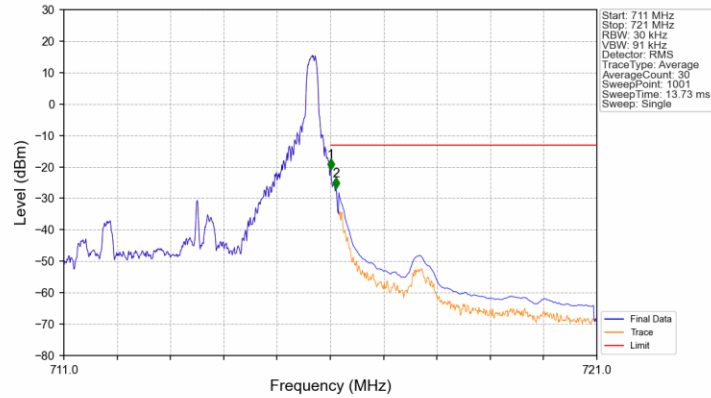
Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV

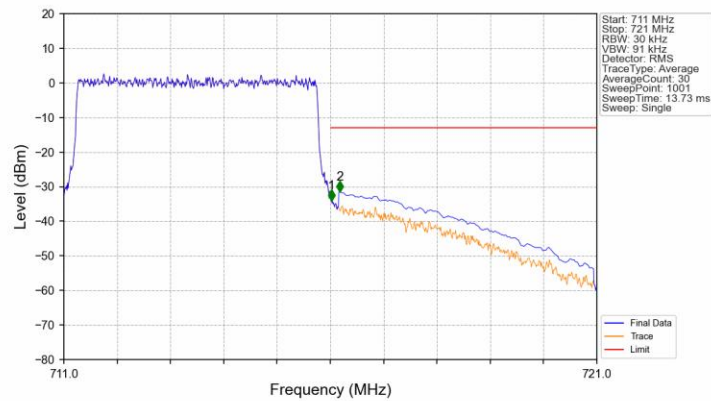


Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-20.86	-13	Pass
716.1	721	0.1	CHP	2	716.110	-26.93	-13	Pass

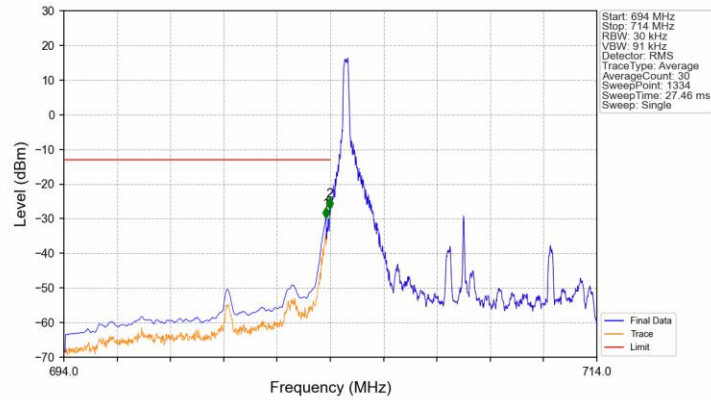
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



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	716.020	-34.06	-13	Pass
716.1	721	0.1	CHP	2	716.180	-31.47	-13	Pass

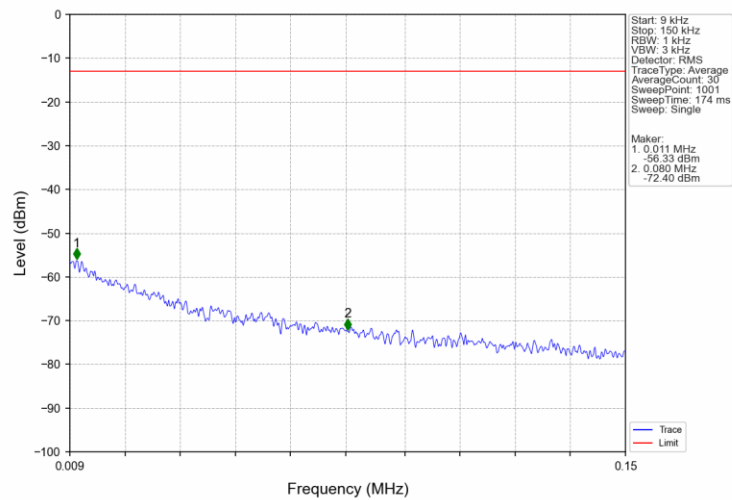
6.2.2 B17_10MHz

Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV

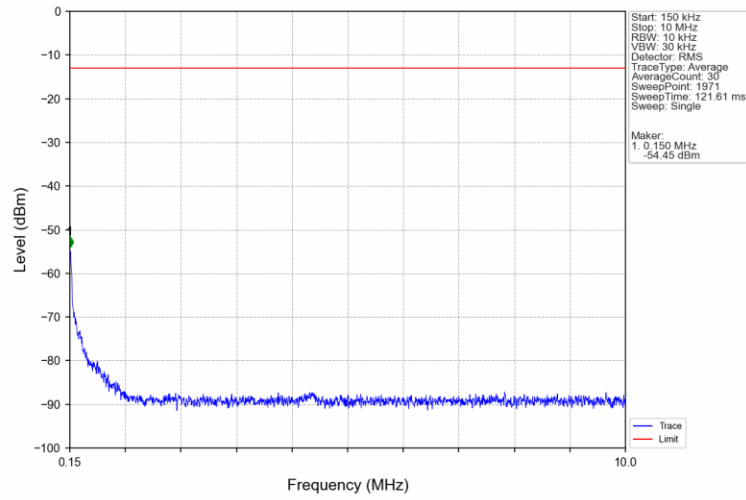


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-29.79	-13	Pass
703.9	704	0.03	/	2	703.977	-27.21	-13	Pass
704	714	0.03	/	/	/	/	/	/

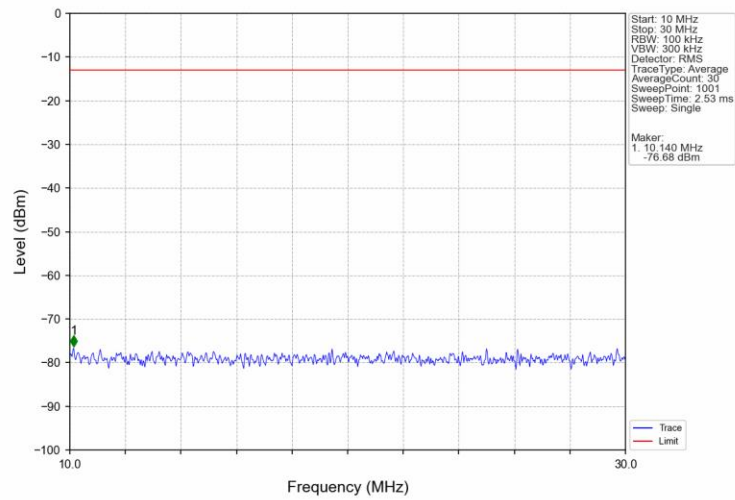
Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV



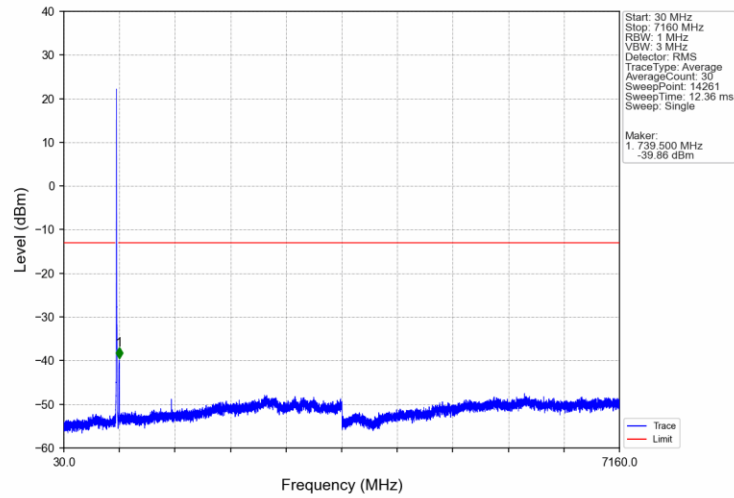
Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV



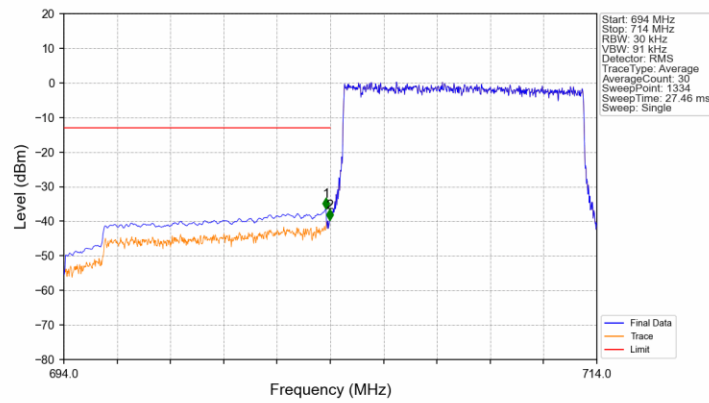
Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV



Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV

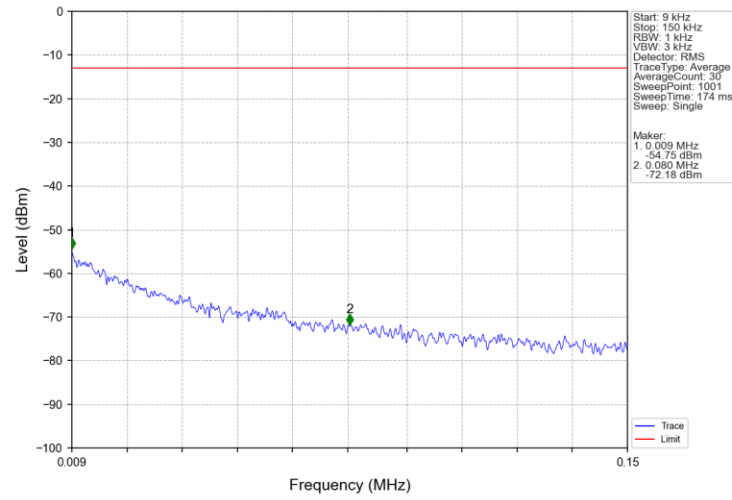


Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV

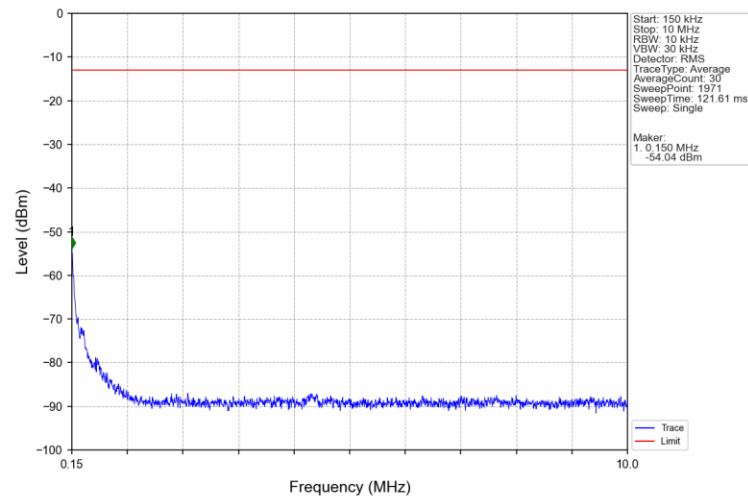


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-36.42	-13	Pass
703.9	704	0.03	/	2	703.977	-39.62	-13	Pass
704	714	0.03	/	/	/	/	/	/

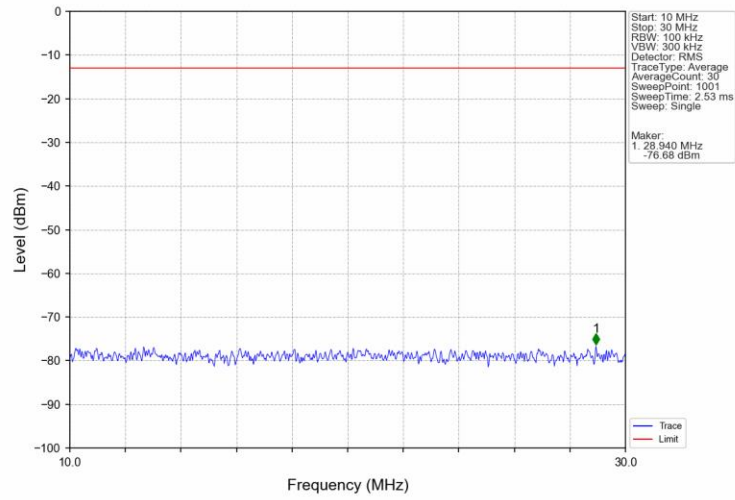
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



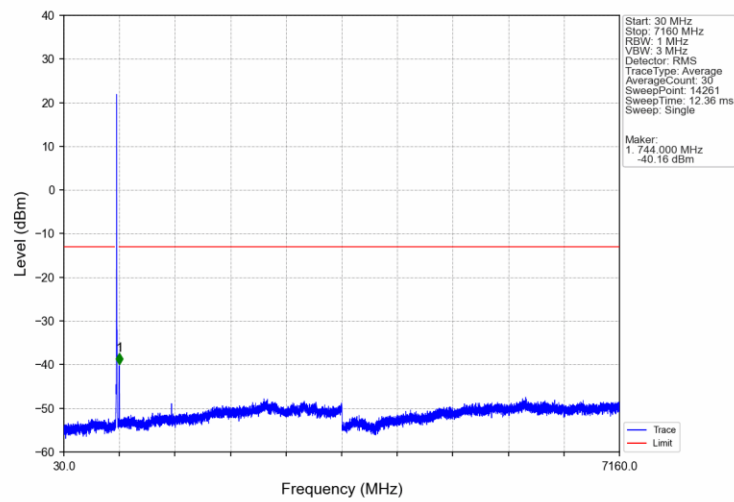
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



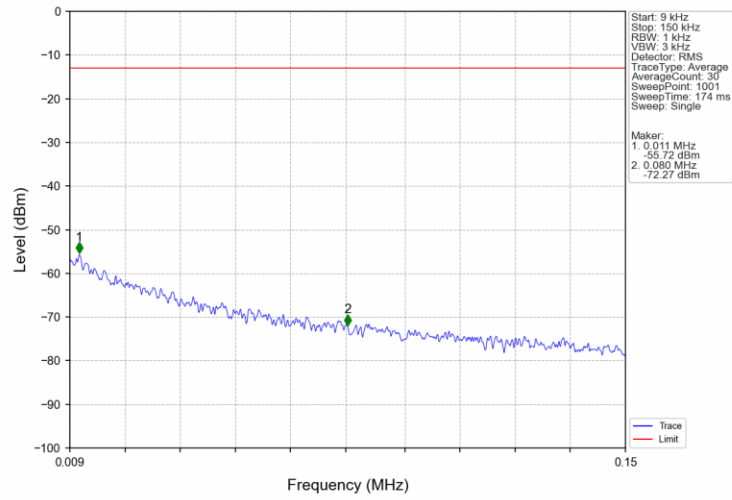
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



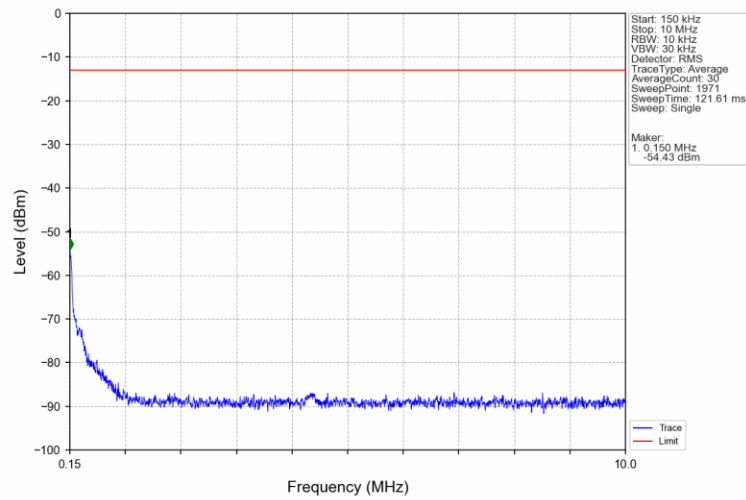
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



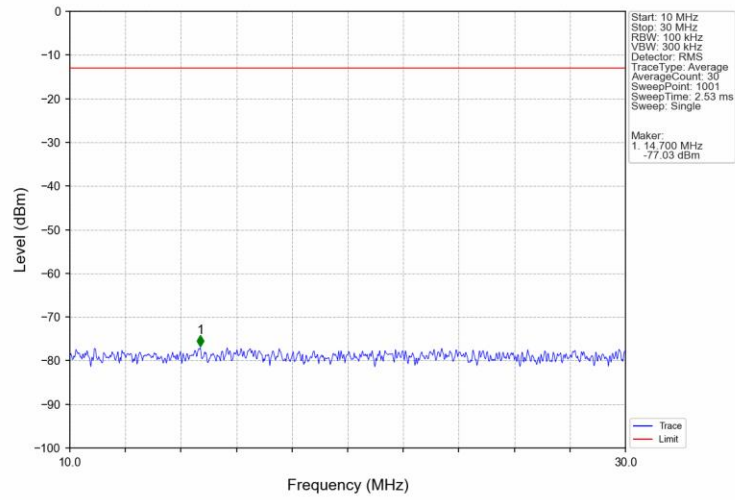
Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV

