

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	23.82	-3.60	18.07	<=34.77	Pass
			13	23.79	-3.60	18.04	<=34.77	Pass
			24	23.92	-3.60	18.17	<=34.77	Pass
		12	0	22.80	-3.60	17.05	<=34.77	Pass
			6	22.80	-3.60	17.05	<=34.77	Pass
			13	22.80	-3.60	17.05	<=34.77	Pass
		25	0	22.81	-3.60	17.06	<=34.77	Pass
	710	1	0	23.85	-3.60	18.10	<=34.77	Pass
			13	23.76	-3.60	18.01	<=34.77	Pass
			24	23.61	-3.60	17.86	<=34.77	Pass
		12	0	22.88	-3.60	17.13	<=34.77	Pass
			6	22.86	-3.60	17.11	<=34.77	Pass
			13	22.76	-3.60	17.01	<=34.77	Pass
		25	0	22.84	-3.60	17.09	<=34.77	Pass
	713.5	1	0	23.45	-3.60	17.70	<=34.77	Pass
			13	23.44	-3.60	17.69	<=34.77	Pass
			24	23.56	-3.60	17.81	<=34.77	Pass
		12	0	22.98	-3.60	17.23	<=34.77	Pass
			6	22.91	-3.60	17.16	<=34.77	Pass
			13	22.95	-3.60	17.20	<=34.77	Pass
		25	0	22.96	-3.60	17.21	<=34.77	Pass
16QAM	706.5	1	0	22.69	-3.60	16.94	<=34.77	Pass
			13	22.71	-3.60	16.96	<=34.77	Pass
			24	22.84	-3.60	17.09	<=34.77	Pass
		12	0	21.82	-3.60	16.07	<=34.77	Pass
			6	21.82	-3.60	16.07	<=34.77	Pass
			13	21.84	-3.60	16.09	<=34.77	Pass
		25	0	21.89	-3.60	16.14	<=34.77	Pass
	710	1	0	22.75	-3.60	17.00	<=34.77	Pass
			13	22.76	-3.60	17.01	<=34.77	Pass
			24	22.85	-3.60	17.10	<=34.77	Pass
		12	0	21.86	-3.60	16.11	<=34.77	Pass
			6	21.86	-3.60	16.11	<=34.77	Pass
			13	21.78	-3.60	16.03	<=34.77	Pass
		25	0	21.81	-3.60	16.06	<=34.77	Pass
	713.5	1	0	22.52	-3.60	16.77	<=34.77	Pass
			13	22.47	-3.60	16.72	<=34.77	Pass
			24	22.59	-3.60	16.84	<=34.77	Pass
		12	0	21.98	-3.60	16.23	<=34.77	Pass
			6	21.92	-3.60	16.17	<=34.77	Pass
			13	21.95	-3.60	16.20	<=34.77	Pass
		25	0	21.92	-3.60	16.17	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

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	23.53	-3.60	17.78	<=34.77	Pass		
			25	23.56	-3.60	17.81	<=34.77	Pass		
			49	23.49	-3.60	17.74	<=34.77	Pass		
		25	0	22.82	-3.60	17.07	<=34.77	Pass		
			13	22.87	-3.60	17.12	<=34.77	Pass		
			25	22.78	-3.60	17.03	<=34.77	Pass		
		50	0	22.85	-3.60	17.10	<=34.77	Pass		
		710	1	0	23.41	-3.60	17.66	<=34.77	Pass	
				25	23.53	-3.60	17.78	<=34.77	Pass	
	49			23.61	-3.60	17.86	<=34.77	Pass		
	25		0	22.88	-3.60	17.13	<=34.77	Pass		
			13	22.83	-3.60	17.08	<=34.77	Pass		
			25	22.82	-3.60	17.07	<=34.77	Pass		
	50	0	22.88	-3.60	17.13	<=34.77	Pass			
	711	1	0	23.32	-3.60	17.57	<=34.77	Pass		
			25	23.40	-3.60	17.65	<=34.77	Pass		
			49	23.50	-3.60	17.75	<=34.77	Pass		
		25	0	22.93	-3.60	17.18	<=34.77	Pass		
			13	22.90	-3.60	17.15	<=34.77	Pass		
			25	22.95	-3.60	17.20	<=34.77	Pass		
		50	0	22.97	-3.60	17.22	<=34.77	Pass		
		16QAM	709	1	0	22.65	-3.60	16.90	<=34.77	Pass
					25	22.78	-3.60	17.03	<=34.77	Pass
	49				22.85	-3.60	17.10	<=34.77	Pass	
25	0			21.86	-3.60	16.11	<=34.77	Pass		
	13			21.87	-3.60	16.12	<=34.77	Pass		
	25			21.79	-3.60	16.04	<=34.77	Pass		
50	0			21.79	-3.60	16.04	<=34.77	Pass		
710	1			0	22.29	-3.60	16.54	<=34.77	Pass	
				25	22.40	-3.60	16.65	<=34.77	Pass	
			49	22.50	-3.60	16.75	<=34.77	Pass		
	25		0	21.92	-3.60	16.17	<=34.77	Pass		
			13	21.91	-3.60	16.16	<=34.77	Pass		
			25	21.87	-3.60	16.12	<=34.77	Pass		
50	0		21.88	-3.60	16.13	<=34.77	Pass			
711	1		0	22.36	-3.60	16.61	<=34.77	Pass		
			25	22.43	-3.60	16.68	<=34.77	Pass		
			49	22.51	-3.60	16.76	<=34.77	Pass		
	25		0	21.95	-3.60	16.20	<=34.77	Pass		
			13	21.91	-3.60	16.16	<=34.77	Pass		
			25	21.98	-3.60	16.23	<=34.77	Pass		
	50		0	21.93	-3.60	16.18	<=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	3.29	-2.575	-0.0036	-2.5 to 2.5	Pass
					3.87	-3.104	-0.0044	-2.5 to 2.5	Pass
					4.45	-2.089	-0.0030	-2.5 to 2.5	Pass
				-30	3.87	-5.236	-0.0074	-2.5 to 2.5	Pass
				-20	3.87	-0.315	-0.0004	-2.5 to 2.5	Pass
				-10	3.87	-1.831	-0.0026	-2.5 to 2.5	Pass
				0	3.87	-3.676	-0.0052	-2.5 to 2.5	Pass
				10	3.87	-2.918	-0.0041	-2.5 to 2.5	Pass
				30	3.87	-1.044	-0.0015	-2.5 to 2.5	Pass
				40	3.87	-3.047	-0.0043	-2.5 to 2.5	Pass
				50	3.87	-3.362	-0.0048	-2.5 to 2.5	Pass
	710	25	0	20	3.29	-3.376	-0.0048	-2.5 to 2.5	Pass
					3.87	-0.672	-0.0009	-2.5 to 2.5	Pass
					4.45	0.358	0.0005	-2.5 to 2.5	Pass
				-30	3.87	-2.589	-0.0036	-2.5 to 2.5	Pass
				-20	3.87	-1.974	-0.0028	-2.5 to 2.5	Pass
				-10	3.87	-1.073	-0.0015	-2.5 to 2.5	Pass
				0	3.87	1.945	0.0027	-2.5 to 2.5	Pass
				10	3.87	2.017	0.0028	-2.5 to 2.5	Pass
				30	3.87	-2.732	-0.0038	-2.5 to 2.5	Pass
				40	3.87	-0.372	-0.0005	-2.5 to 2.5	Pass
				50	3.87	-1.044	-0.0015	-2.5 to 2.5	Pass
	713.5	25	0	20	3.29	-4.191	-0.0059	-2.5 to 2.5	Pass
					3.87	-2.732	-0.0038	-2.5 to 2.5	Pass
					4.45	-0.644	-0.0009	-2.5 to 2.5	Pass
				-30	3.87	-1.230	-0.0017	-2.5 to 2.5	Pass
				-20	3.87	-0.529	-0.0007	-2.5 to 2.5	Pass
				-10	3.87	-1.216	-0.0017	-2.5 to 2.5	Pass
				0	3.87	-3.805	-0.0053	-2.5 to 2.5	Pass
				10	3.87	0.300	0.0004	-2.5 to 2.5	Pass
				30	3.87	-1.845	-0.0026	-2.5 to 2.5	Pass
				40	3.87	-4.005	-0.0056	-2.5 to 2.5	Pass
16QAM	706.5	25	0	20	3.29	-2.117	-0.0030	-2.5 to 2.5	Pass
					3.87	4.520	0.0064	-2.5 to 2.5	Pass
					4.45	-1.144	-0.0016	-2.5 to 2.5	Pass
				-30	3.87	-4.334	-0.0061	-2.5 to 2.5	Pass
				-20	3.87	-4.091	-0.0058	-2.5 to 2.5	Pass
				-10	3.87	-1.245	-0.0018	-2.5 to 2.5	Pass
				0	3.87	-1.431	-0.0020	-2.5 to 2.5	Pass
				10	3.87	1.087	0.0015	-2.5 to 2.5	Pass
				30	3.87	-2.031	-0.0029	-2.5 to 2.5	Pass
				40	3.87	-3.619	-0.0051	-2.5 to 2.5	Pass
				50	3.87	-0.644	-0.0009	-2.5 to 2.5	Pass
	710	25	0	20	3.29	-1.545	-0.0022	-2.5 to 2.5	Pass
					3.87	-2.003	-0.0028	-2.5 to 2.5	Pass
					4.45	-2.131	-0.0030	-2.5 to 2.5	Pass
				-30	3.87	-3.362	-0.0047	-2.5 to 2.5	Pass
				-20	3.87	-1.502	-0.0021	-2.5 to 2.5	Pass
				-10	3.87	-0.529	-0.0007	-2.5 to 2.5	Pass

				0	3.87	0.329	0.0005	-2.5 to 2.5	Pass
				10	3.87	2.346	0.0033	-2.5 to 2.5	Pass
				30	3.87	1.974	0.0028	-2.5 to 2.5	Pass
				40	3.87	-0.987	-0.0014	-2.5 to 2.5	Pass
				50	3.87	0.315	0.0004	-2.5 to 2.5	Pass
	713.5	25	0	20	3.29	0.229	0.0003	-2.5 to 2.5	Pass
					3.87	-4.005	-0.0056	-2.5 to 2.5	Pass
					4.45	-7.410	-0.0104	-2.5 to 2.5	Pass
				-30	3.87	-1.774	-0.0025	-2.5 to 2.5	Pass
				-20	3.87	-2.832	-0.0040	-2.5 to 2.5	Pass
				-10	3.87	-5.350	-0.0075	-2.5 to 2.5	Pass
				0	3.87	-4.191	-0.0059	-2.5 to 2.5	Pass
				10	3.87	-2.646	-0.0037	-2.5 to 2.5	Pass
				30	3.87	-2.718	-0.0038	-2.5 to 2.5	Pass
				40	3.87	-3.362	-0.0047	-2.5 to 2.5	Pass
				50	3.87	-2.532	-0.0035	-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	3.29	-0.300	-0.0004	-2.5 to 2.5	Pass
					3.87	-1.559	-0.0022	-2.5 to 2.5	Pass
					4.45	-2.317	-0.0033	-2.5 to 2.5	Pass
				-30	3.87	-2.375	-0.0033	-2.5 to 2.5	Pass
				-20	3.87	-0.129	-0.0002	-2.5 to 2.5	Pass
				-10	3.87	-1.860	-0.0026	-2.5 to 2.5	Pass
				0	3.87	-2.360	-0.0033	-2.5 to 2.5	Pass
				10	3.87	-2.103	-0.0030	-2.5 to 2.5	Pass
				30	3.87	-0.644	-0.0009	-2.5 to 2.5	Pass
				40	3.87	-2.460	-0.0035	-2.5 to 2.5	Pass
				50	3.87	-1.230	-0.0017	-2.5 to 2.5	Pass
	710	50	0	20	3.29	-0.801	-0.0011	-2.5 to 2.5	Pass
					3.87	-0.300	-0.0004	-2.5 to 2.5	Pass
					4.45	-0.415	-0.0006	-2.5 to 2.5	Pass
				-30	3.87	-0.200	-0.0003	-2.5 to 2.5	Pass
				-20	3.87	0.043	0.0001	-2.5 to 2.5	Pass
				-10	3.87	0.200	0.0003	-2.5 to 2.5	Pass
				0	3.87	-3.433	-0.0048	-2.5 to 2.5	Pass
				10	3.87	0.687	0.0010	-2.5 to 2.5	Pass
				30	3.87	0.329	0.0005	-2.5 to 2.5	Pass
				40	3.87	-2.704	-0.0038	-2.5 to 2.5	Pass
				50	3.87	-1.488	-0.0021	-2.5 to 2.5	Pass
	711	50	0	20	3.29	-1.259	-0.0018	-2.5 to 2.5	Pass
					3.87	-1.230	-0.0017	-2.5 to 2.5	Pass
					4.45	-1.259	-0.0018	-2.5 to 2.5	Pass
				-30	3.87	-1.016	-0.0014	-2.5 to 2.5	Pass
				-20	3.87	1.302	0.0018	-2.5 to 2.5	Pass
				-10	3.87	0.515	0.0007	-2.5 to 2.5	Pass
				0	3.87	0.043	0.0001	-2.5 to 2.5	Pass
				10	3.87	-0.286	-0.0004	-2.5 to 2.5	Pass
				30	3.87	-0.186	-0.0003	-2.5 to 2.5	Pass
				40	3.87	0.243	0.0003	-2.5 to 2.5	Pass
16QAM	709	50	0	20	3.29	-2.789	-0.0039	-2.5 to 2.5	Pass
					3.87	0.687	0.0010	-2.5 to 2.5	Pass
					4.45	-1.917	-0.0027	-2.5 to 2.5	Pass
				-30	3.87	-2.432	-0.0034	-2.5 to 2.5	Pass
				-20	3.87	-1.230	-0.0017	-2.5 to 2.5	Pass
				-10	3.87	-0.744	-0.0010	-2.5 to 2.5	Pass
				0	3.87	-1.416	-0.0020	-2.5 to 2.5	Pass
				10	3.87	-1.874	-0.0026	-2.5 to 2.5	Pass
				30	3.87	-1.745	-0.0025	-2.5 to 2.5	Pass
				40	3.87	1.245	0.0018	-2.5 to 2.5	Pass
				50	3.87	-1.831	-0.0026	-2.5 to 2.5	Pass
	710	50	0	20	3.29	0.157	0.0002	-2.5 to 2.5	Pass
					3.87	1.202	0.0017	-2.5 to 2.5	Pass
					4.45	0.029	0.0000	-2.5 to 2.5	Pass
				-30	3.87	-0.157	-0.0002	-2.5 to 2.5	Pass
				-20	3.87	-1.187	-0.0017	-2.5 to 2.5	Pass
				-10	3.87	0.644	0.0009	-2.5 to 2.5	Pass
				0	3.87	-3.018	-0.0043	-2.5 to 2.5	Pass
				10	3.87	-1.516	-0.0021	-2.5 to 2.5	Pass
				30	3.87	2.003	0.0028	-2.5 to 2.5	Pass
				40	3.87	-1.330	-0.0019	-2.5 to 2.5	Pass
				50	3.87	-4.349	-0.0061	-2.5 to 2.5	Pass

	711	50	0	20	3.29	-0.572	-0.0008	-2.5 to 2.5	Pass
					3.87	-0.529	-0.0007	-2.5 to 2.5	Pass
					4.45	-1.016	-0.0014	-2.5 to 2.5	Pass
				-30	3.87	-2.503	-0.0035	-2.5 to 2.5	Pass
				-20	3.87	-0.873	-0.0012	-2.5 to 2.5	Pass
				-10	3.87	-1.717	-0.0024	-2.5 to 2.5	Pass
				0	3.87	-0.043	-0.0001	-2.5 to 2.5	Pass
				10	3.87	0.587	0.0008	-2.5 to 2.5	Pass
				30	3.87	0.801	0.0011	-2.5 to 2.5	Pass
				40	3.87	-1.516	-0.0021	-2.5 to 2.5	Pass
				50	3.87	-0.830	-0.0012	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B17_5MHz

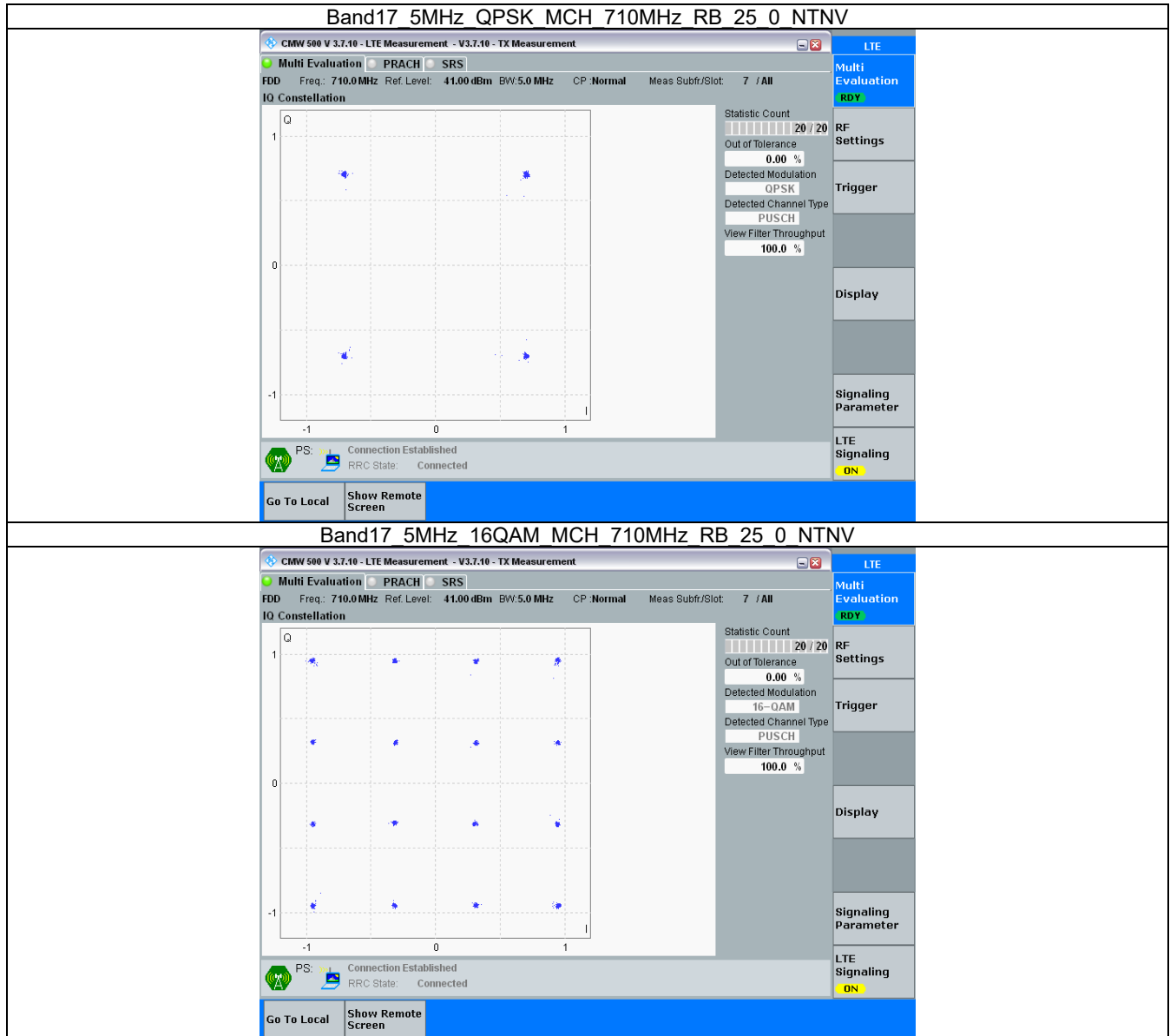
Band: 17 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	710	25	0	Refer To Test Graph		Pass
16QAM	710	25	0	Refer To Test Graph		Pass

3.1.2 B17_10MHz

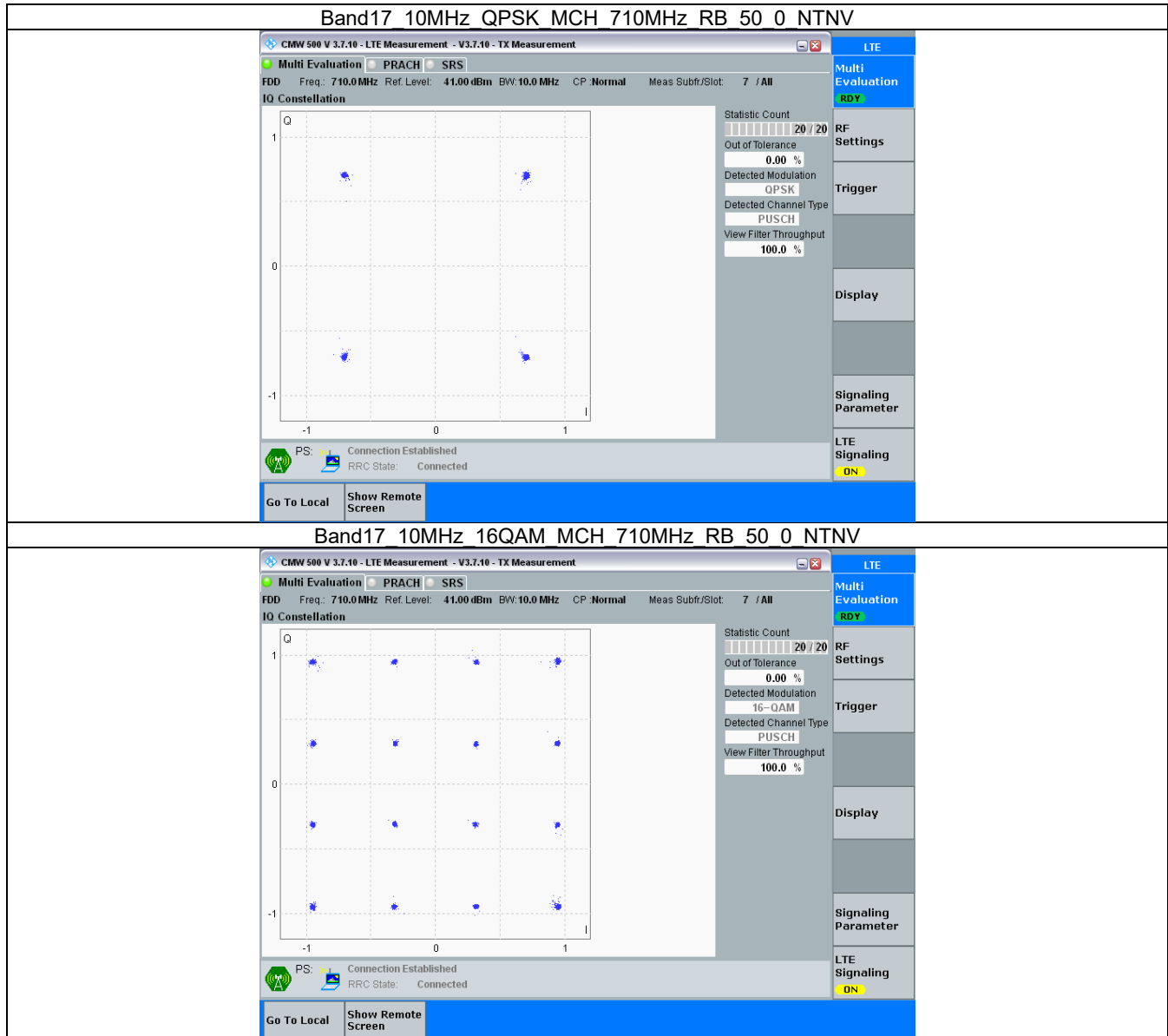
Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	710	50	0	Refer To Test Graph		Pass
16QAM	710	50	0	Refer To Test Graph		Pass

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

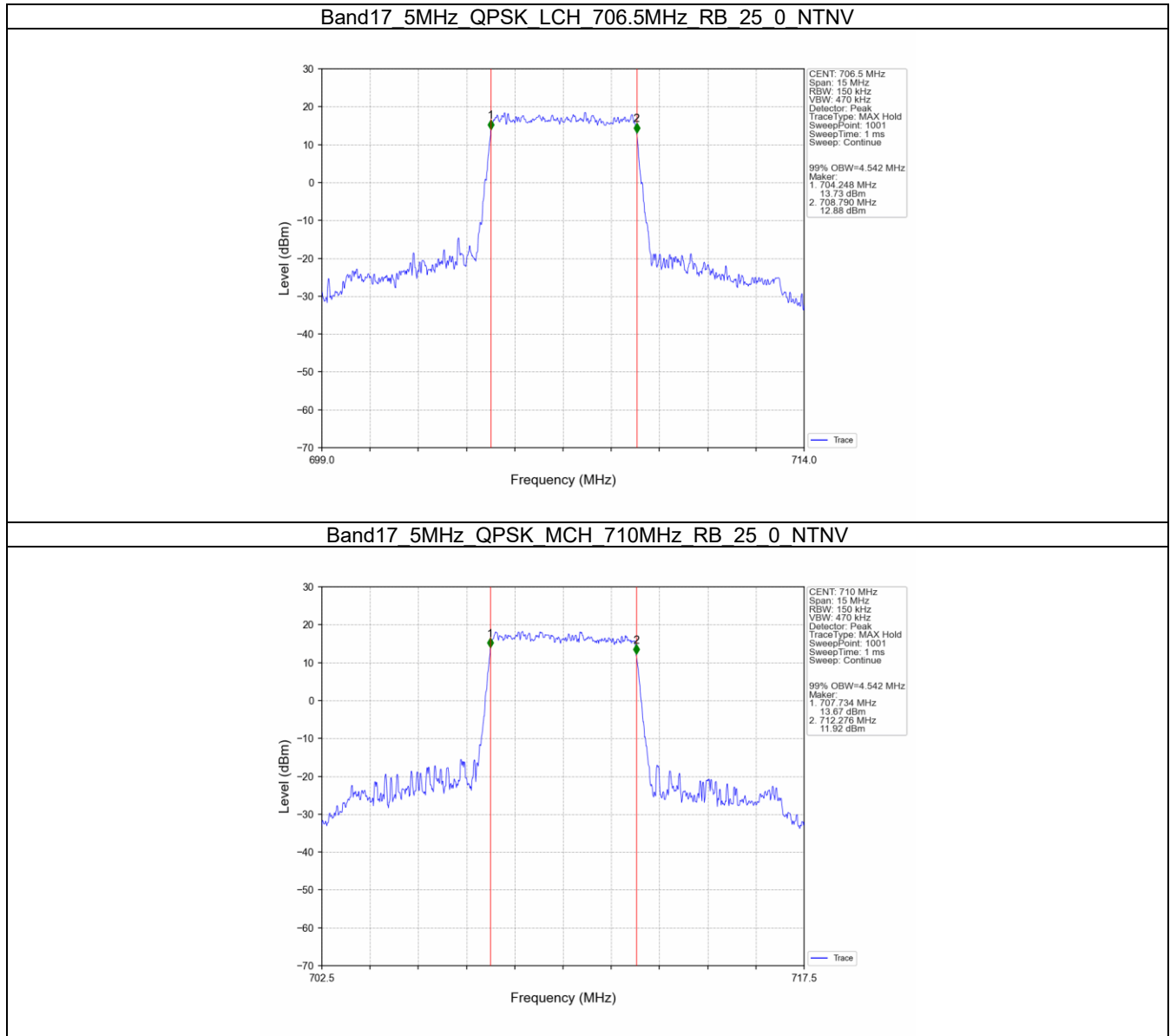
Band: 17 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	706.5	25	0	4.542	/	Pass
		710	25	0	4.542	/	Pass
		713.5	25	0	4.556	/	Pass
	16QAM	706.5	25	0	4.560	/	Pass
		710	25	0	4.554	/	Pass
		713.5	25	0	4.550	/	Pass
10	QPSK	709	50	0	9.060	/	Pass
		710	50	0	9.043	/	Pass
		711	50	0	9.060	/	Pass
	16QAM	709	50	0	9.050	/	Pass
		710	50	0	9.052	/	Pass
		711	50	0	9.059	/	Pass

4.1.2 Band17_XDB

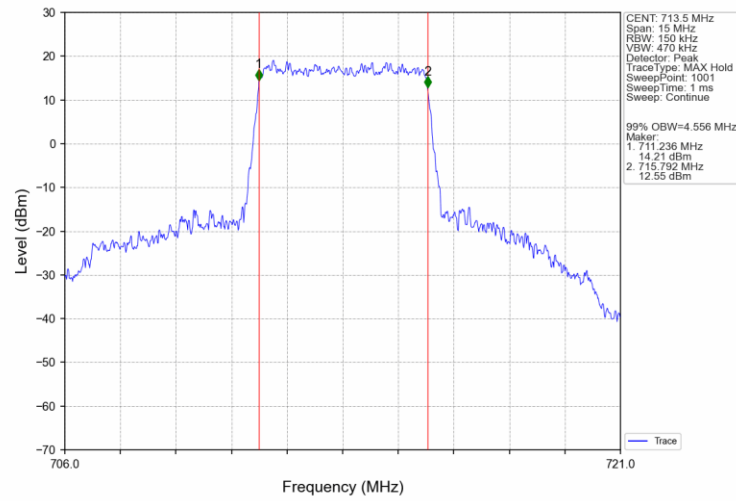
Band: 17 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	706.5	25	0	5.038	/	Pass
		710	25	0	5.029	/	Pass
		713.5	25	0	5.098	/	Pass
	16QAM	706.5	25	0	5.119	/	Pass
		710	25	0	5.035	/	Pass
		713.5	25	0	5.030	/	Pass
10	QPSK	709	50	0	9.916	/	Pass
		710	50	0	9.953	/	Pass
		711	50	0	9.921	/	Pass
	16QAM	709	50	0	9.874	/	Pass
		710	50	0	9.977	/	Pass
		711	50	0	9.994	/	Pass

4.2 Test Graph

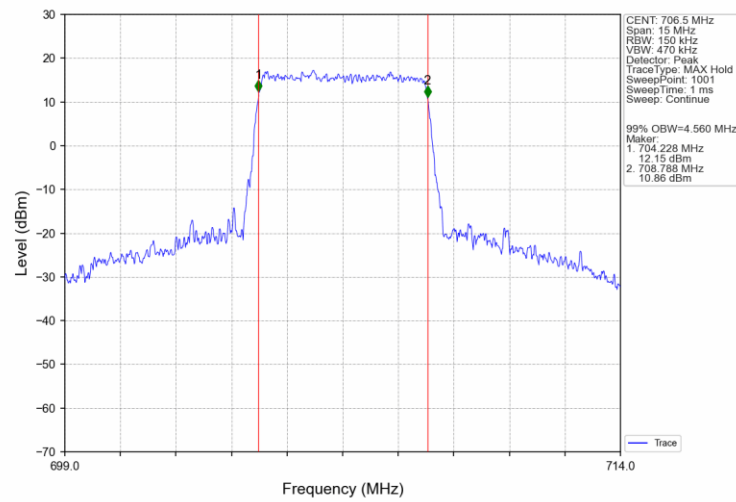
4.2.1 Band17_OBW



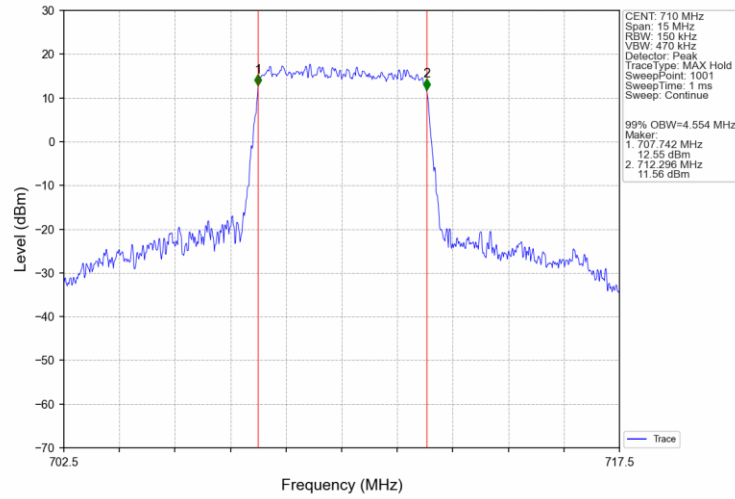
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



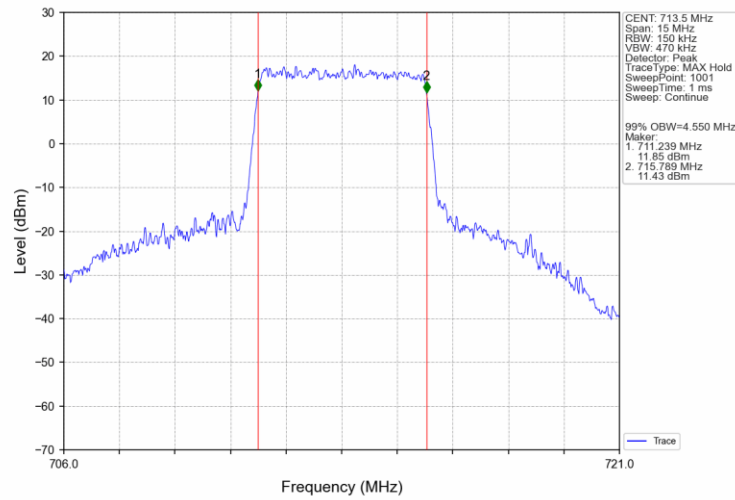
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



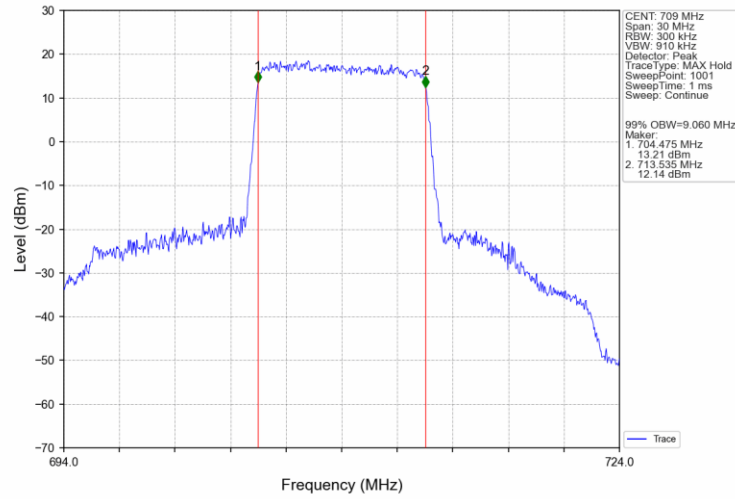
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



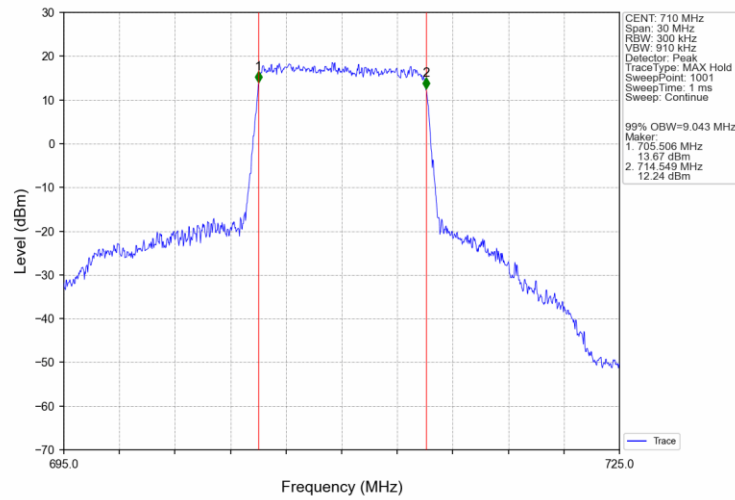
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



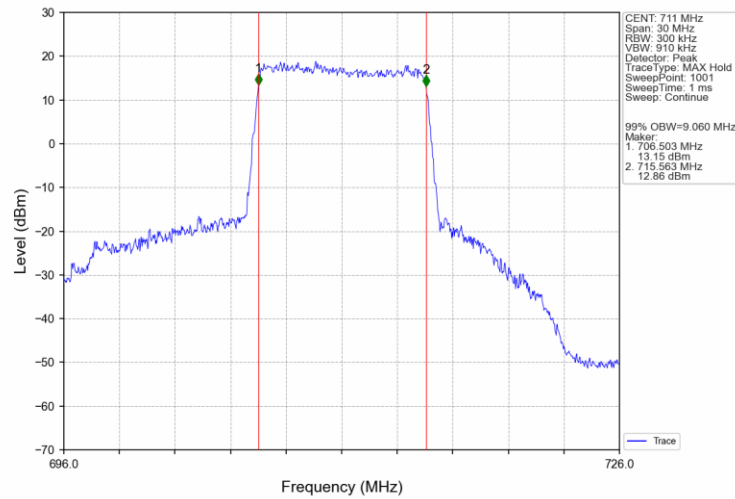
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



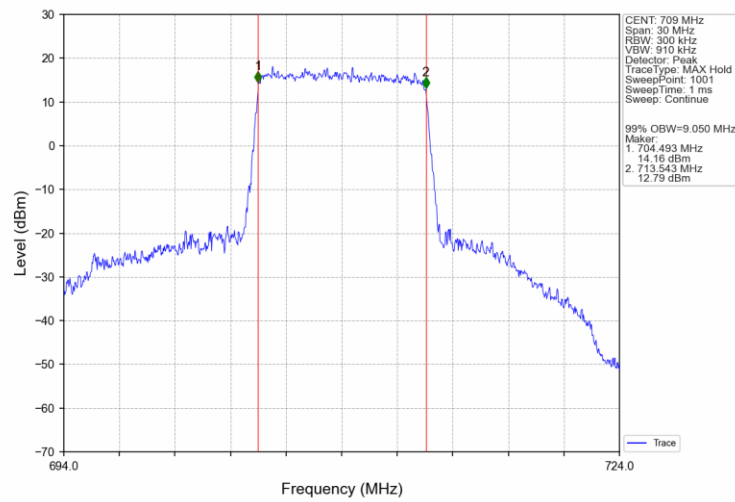
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



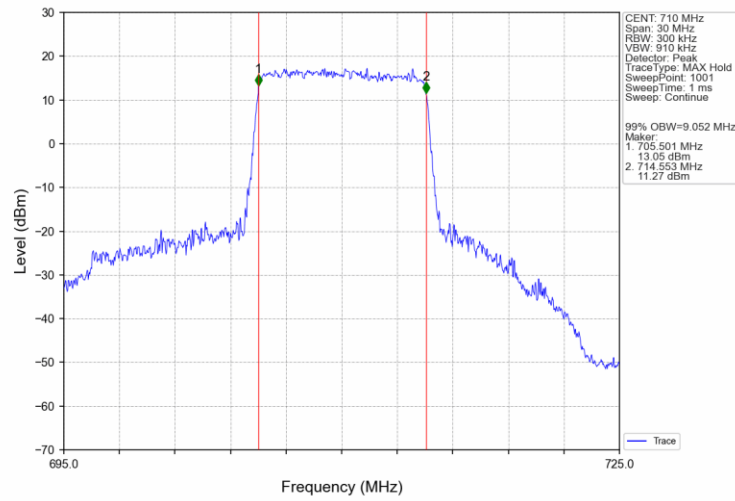
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



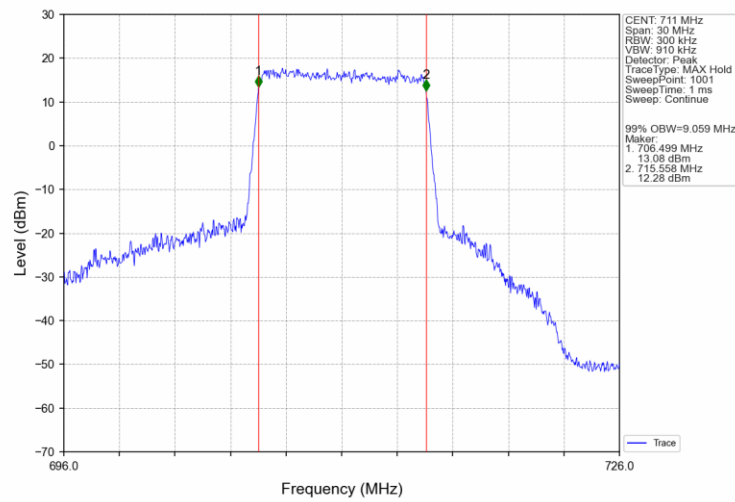
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV

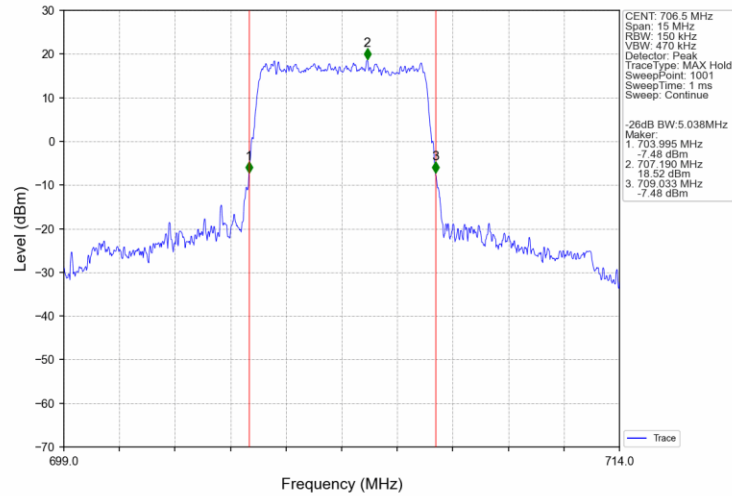


Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV

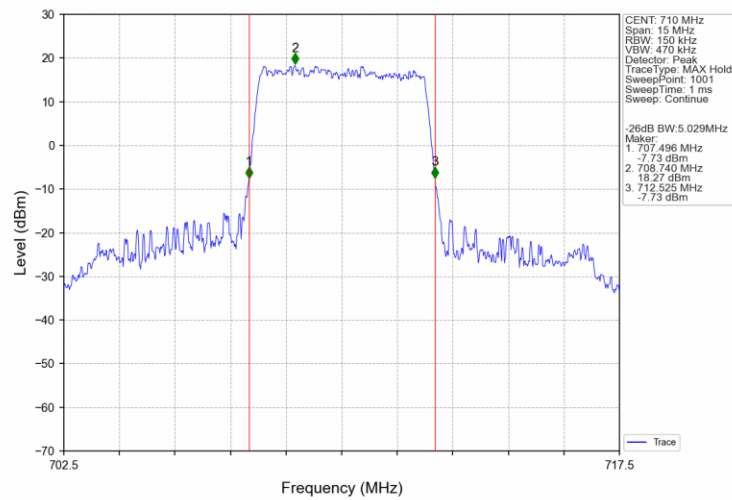


4.2.2 Band17_XDB

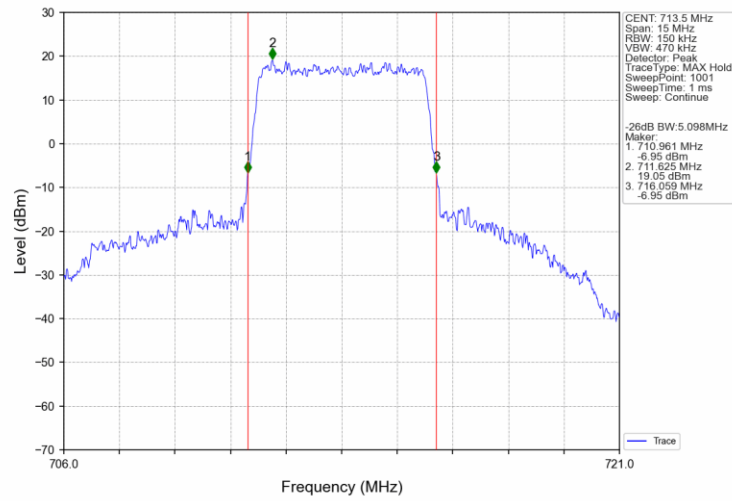
Band17 5MHz QPSK LCH 706.5MHz RB 25 0 NTNV



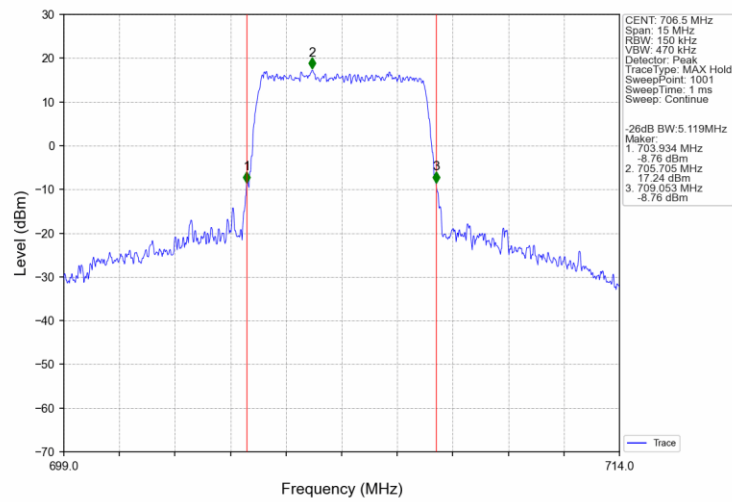
Band17 5MHz QPSK MCH 710MHz RB 25 0 NTNV



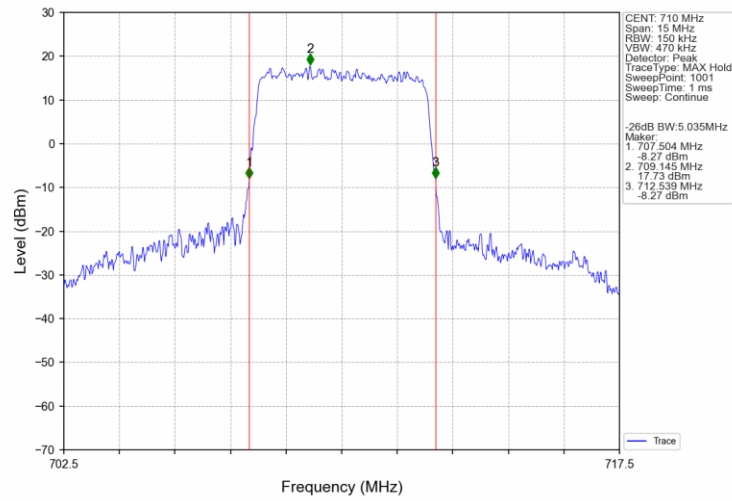
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



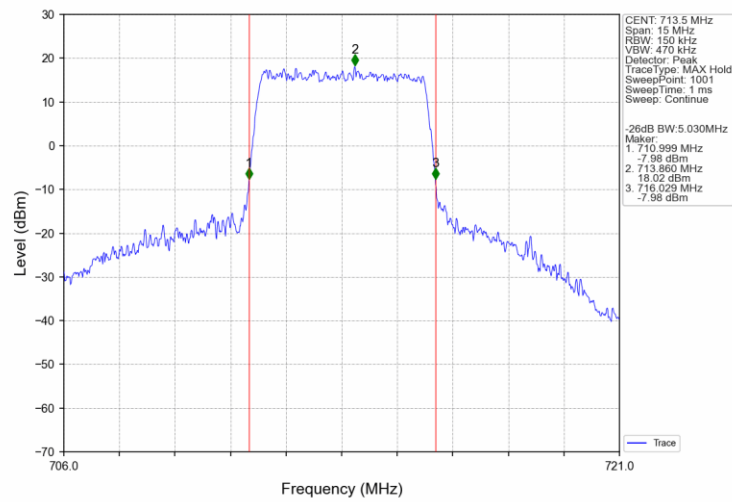
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



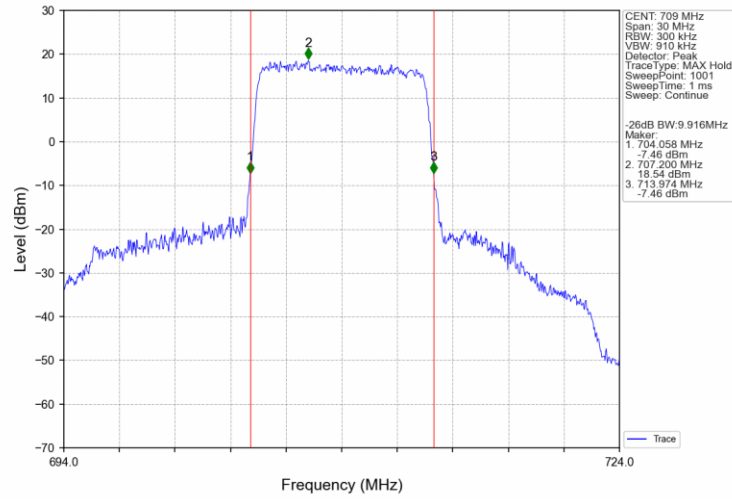
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



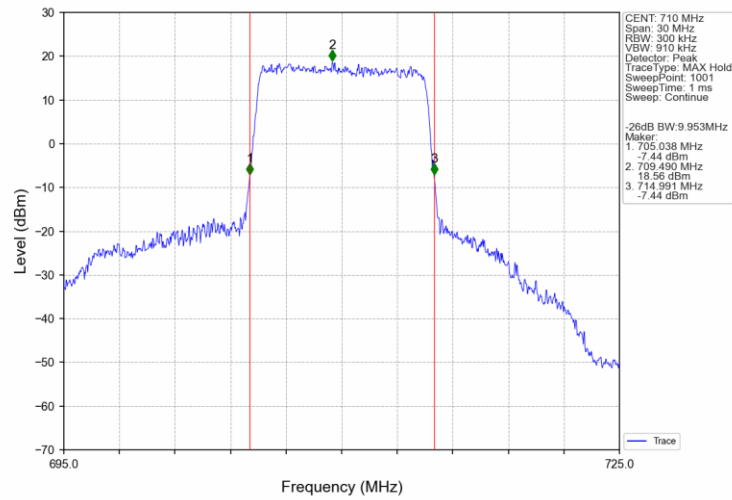
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



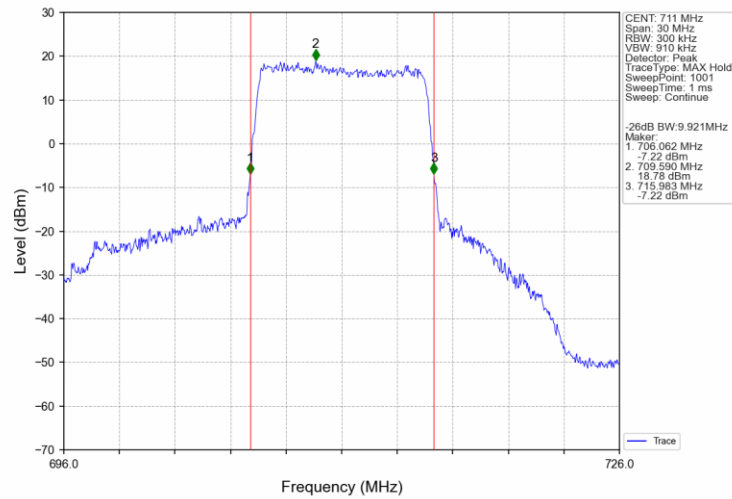
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



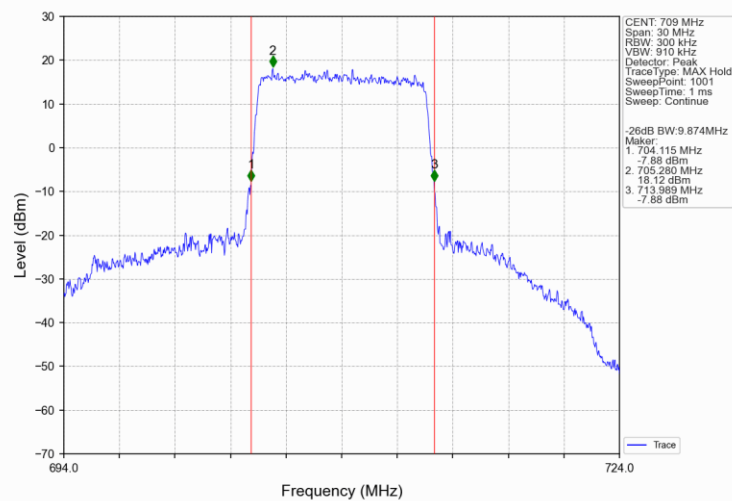
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



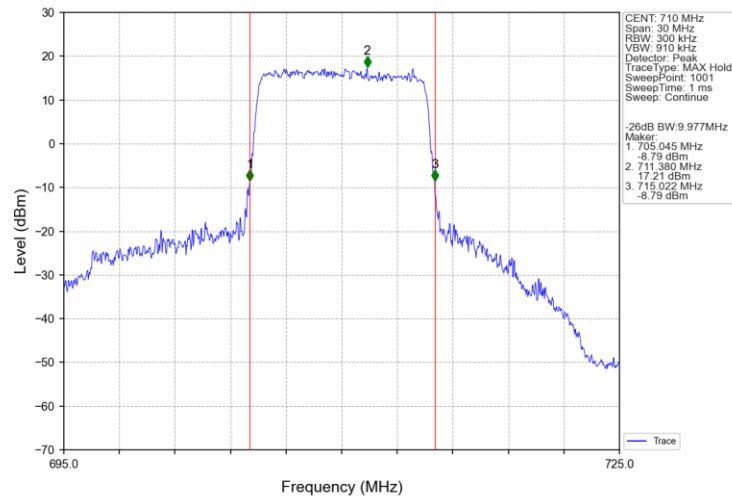
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



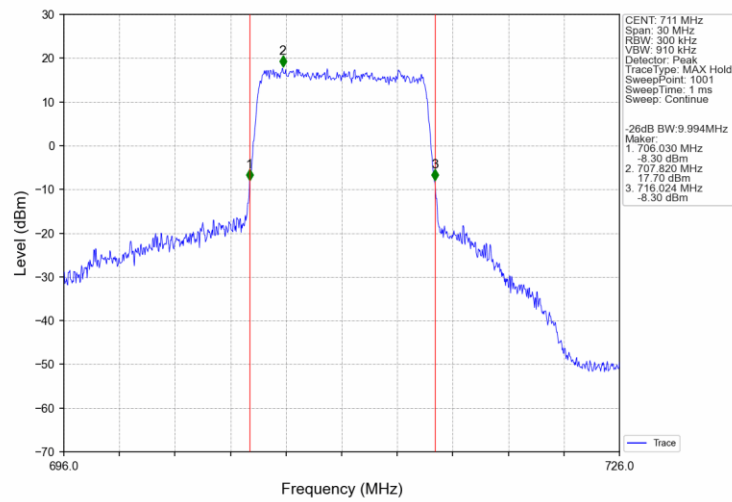
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



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

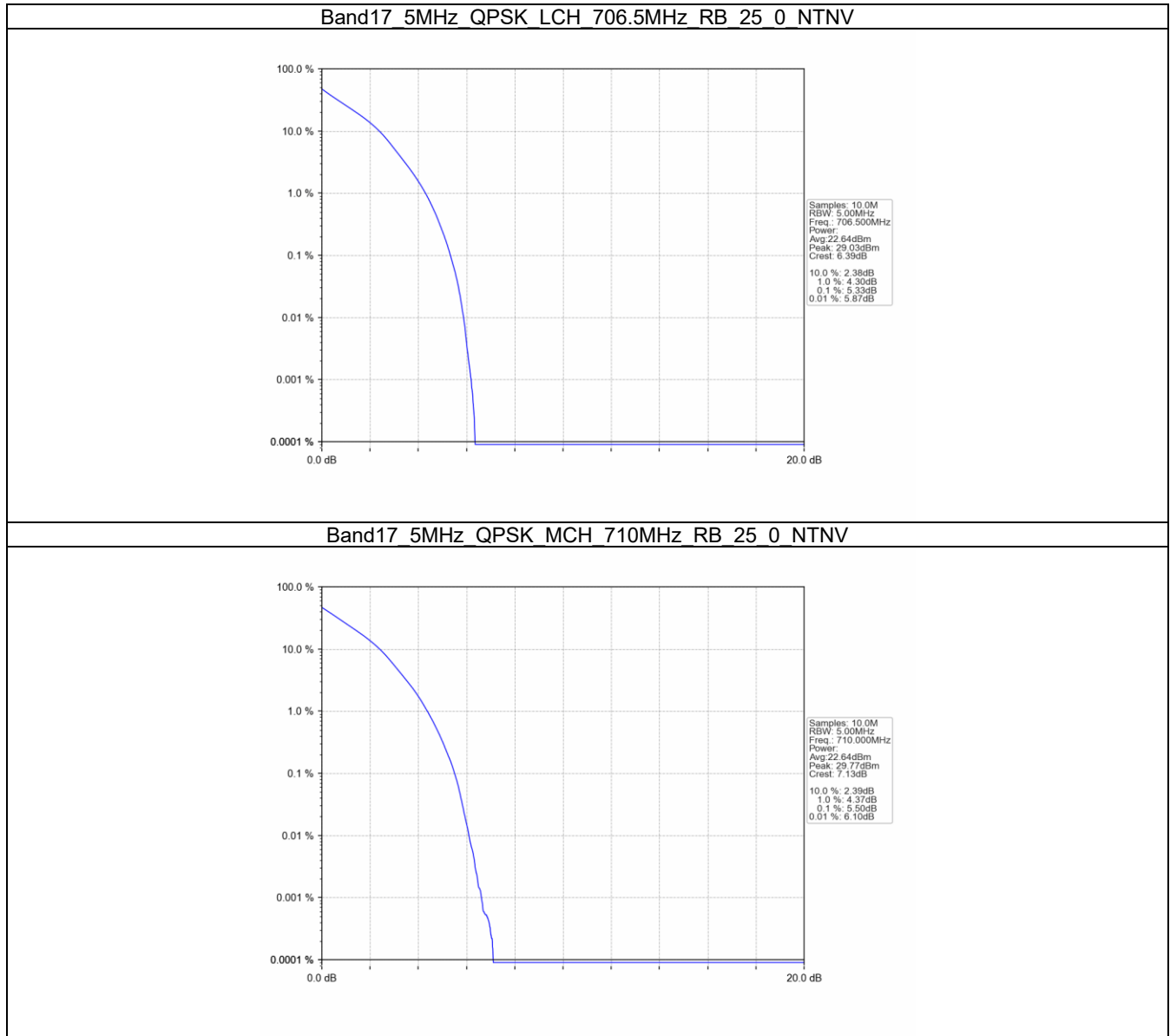
Band: 17 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	706.5	25	0	5.33	<=13	Pass
	710	25	0	5.50	<=13	Pass
	713.5	25	0	5.23	<=13	Pass
16QAM	706.5	25	0	6.07	<=13	Pass
	710	25	0	6.26	<=13	Pass
	713.5	25	0	5.91	<=13	Pass

5.1.2 B17_10MHz

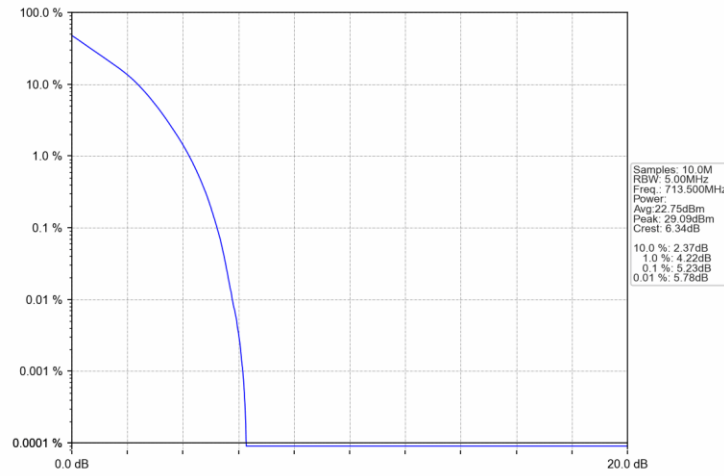
Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	709	50	0	5.34	<=13	Pass
	710	50	0	5.33	<=13	Pass
	711	50	0	5.30	<=13	Pass
16QAM	709	50	0	6.18	<=13	Pass
	710	50	0	6.15	<=13	Pass
	711	50	0	6.08	<=13	Pass

5.2 Test Graph

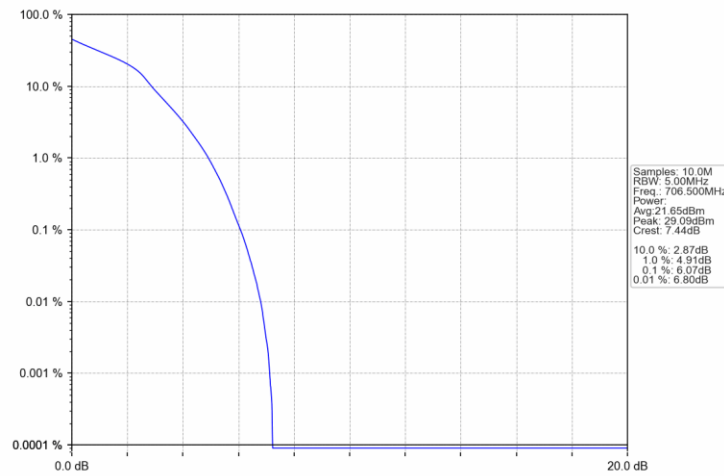
5.2.1 B17_5MHz



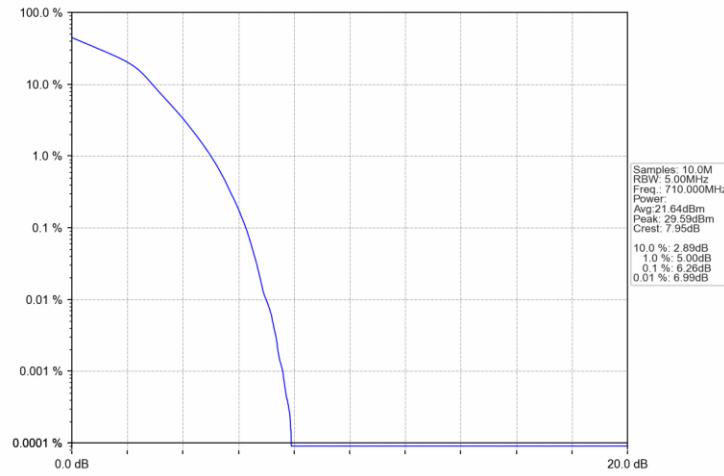
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



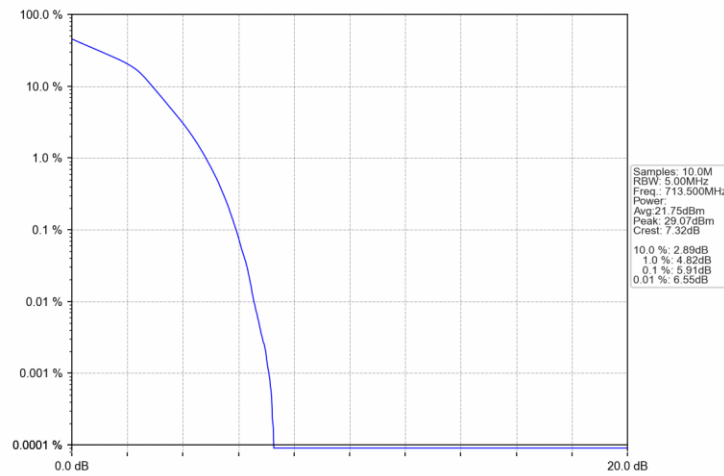
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV

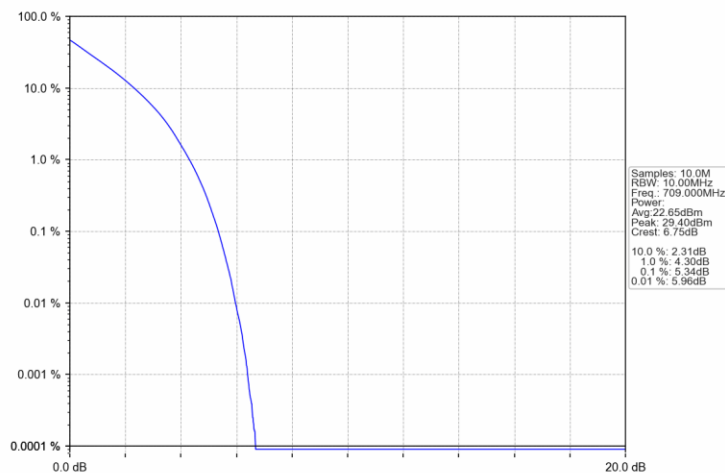


Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV

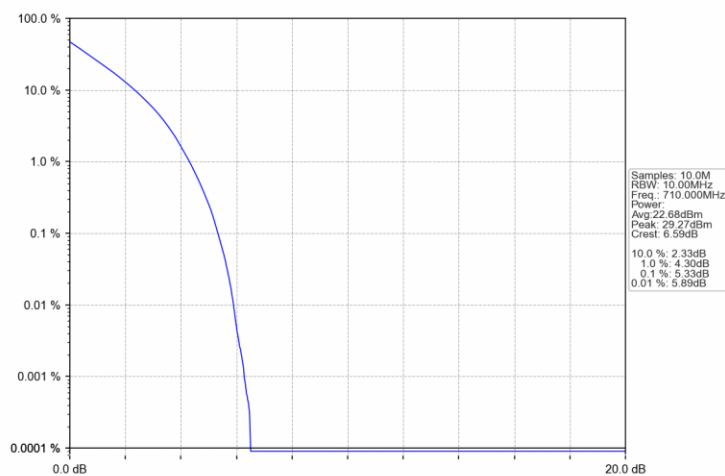


5.2.2 B17_10MHz

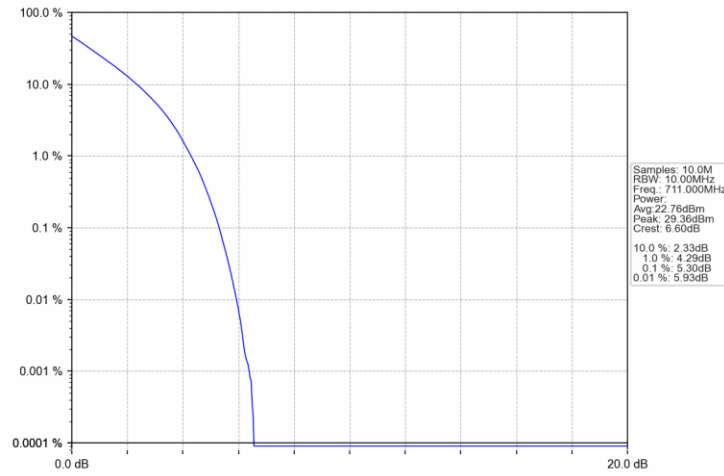
Band17 10MHz QPSK LCH 709MHz RB 50 0 NTN



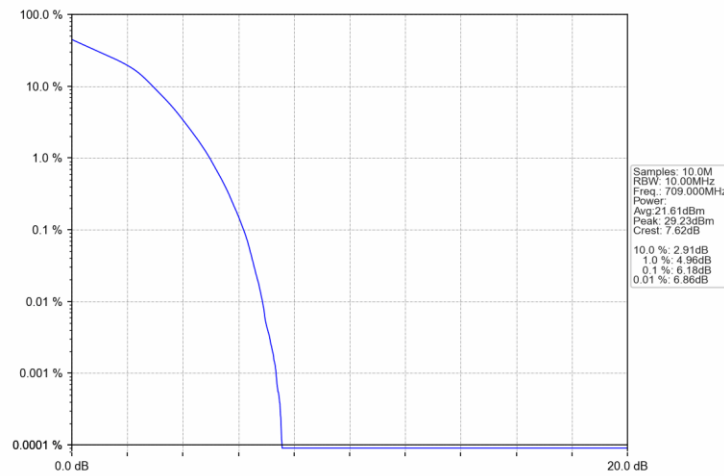
Band17 10MHz QPSK MCH 710MHz RB 50 0 NTN



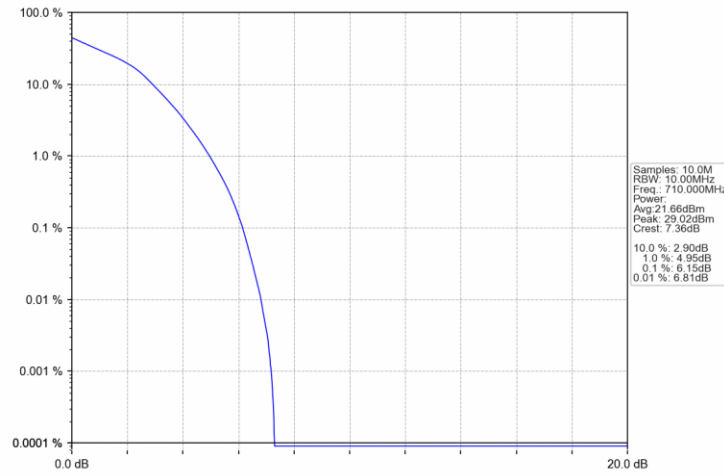
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



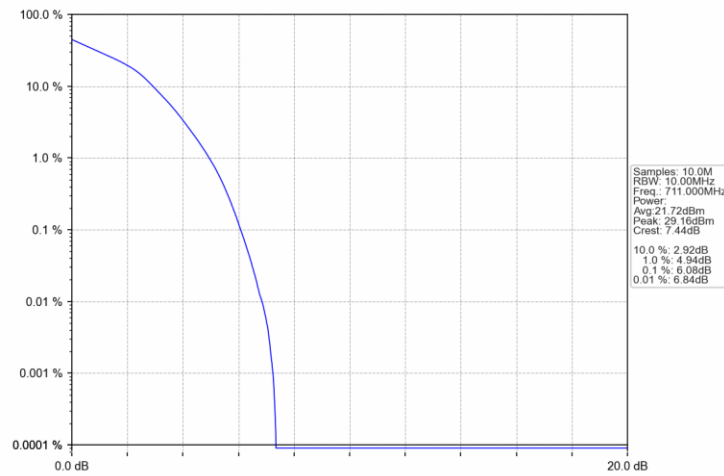
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 B17_5MHz

Band: 17 / Bandwidth: 5MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	706.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	710	1	0	Refer To Test Graph		Pass
	713.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	706.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	710	1	0	Refer To Test Graph		Pass
	713.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

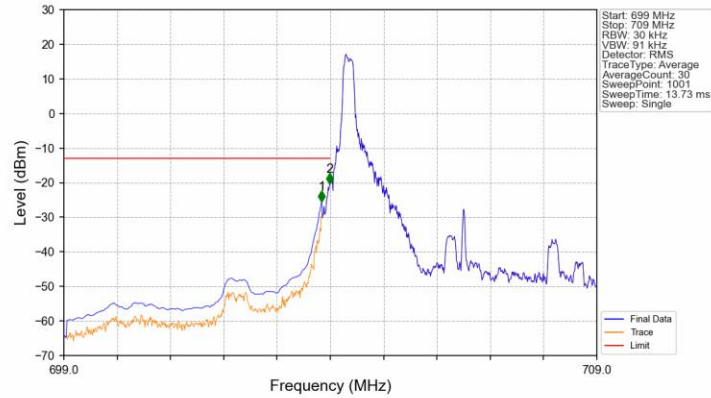
6.1.2 B17_10MHz

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

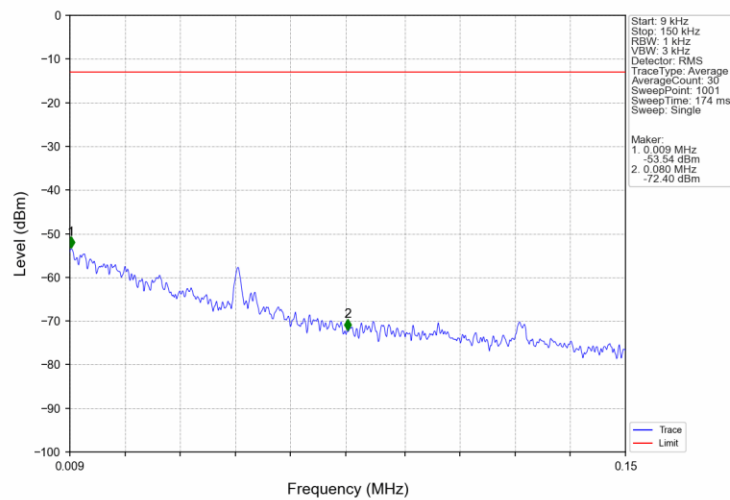
6.2 Test Graph

6.2.1 B17_5MHz

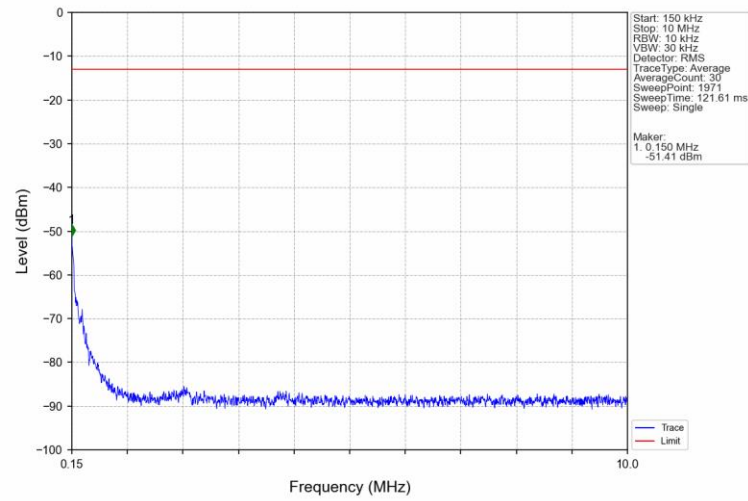
Band17 5MHz QPSK LCH 706.5MHz RB 1 0 NTN



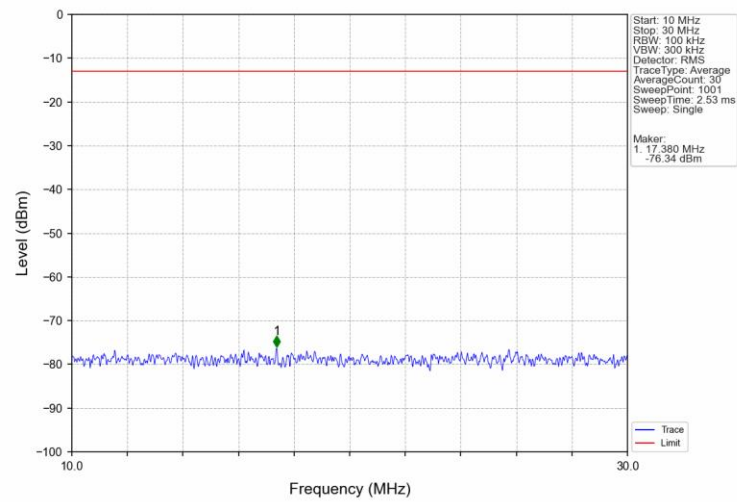
Band17 5MHz QPSK LCH 706.5MHz RB 1 0 NTN



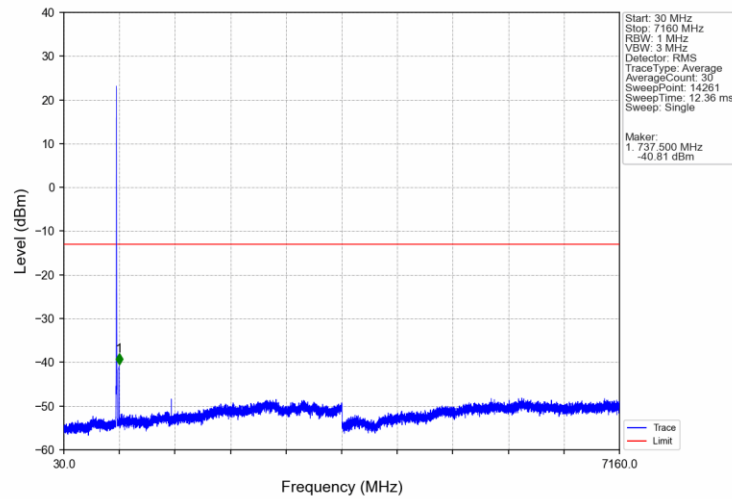
Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV



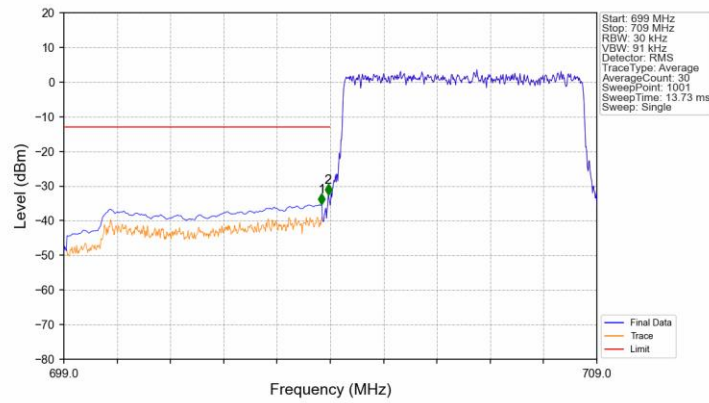
Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV



Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV

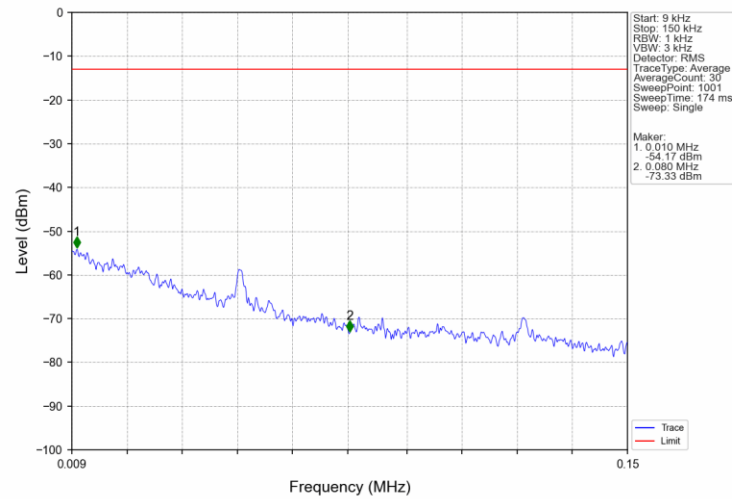


Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV

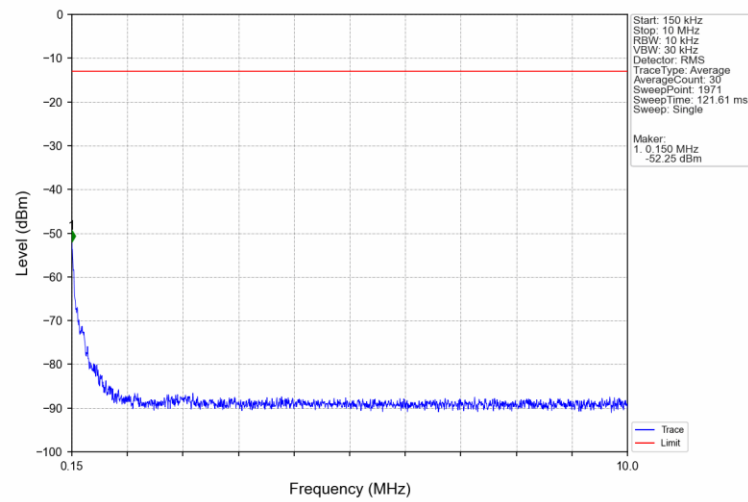


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	ChP	1	703.840	-35.28	-13	Pass
703.9	704	0.03	/	2	703.960	-32.67	-13	Pass
704	709	0.03	/	/	/	/	/	/

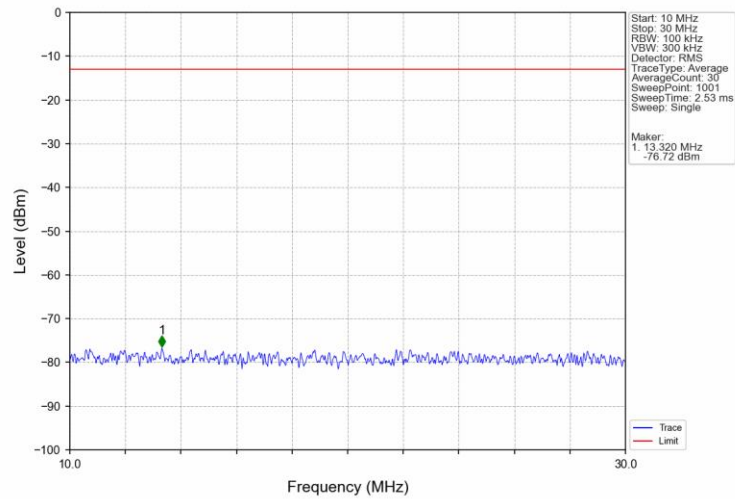
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



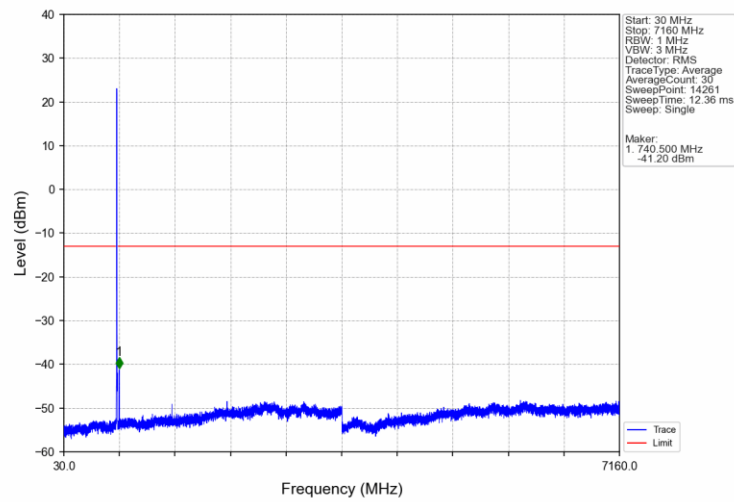
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



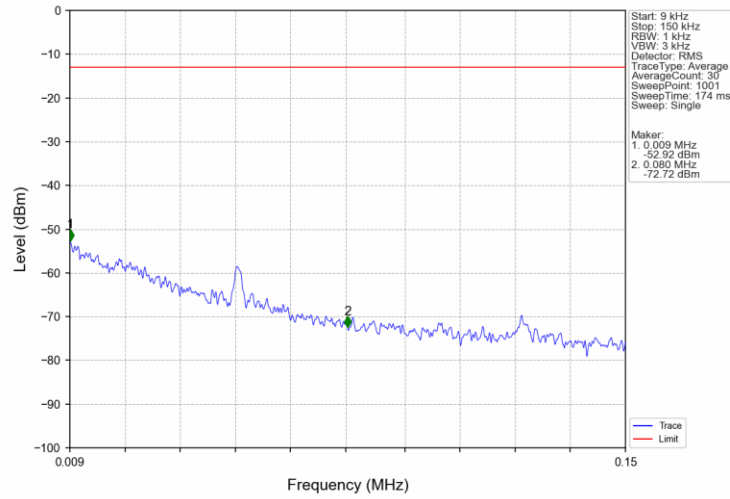
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



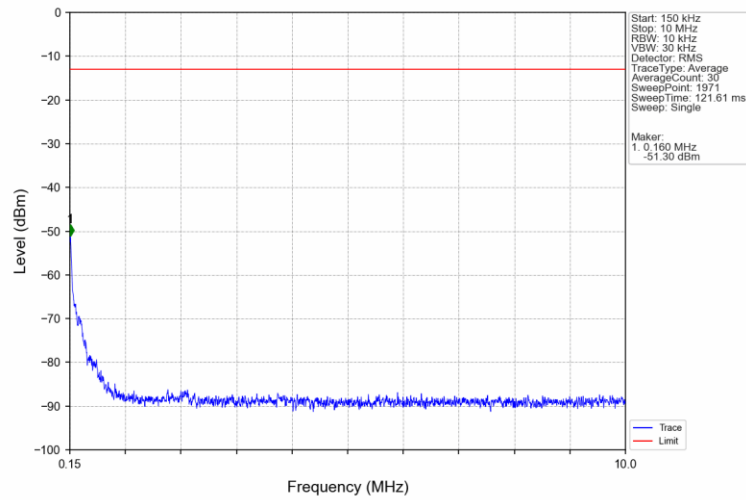
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



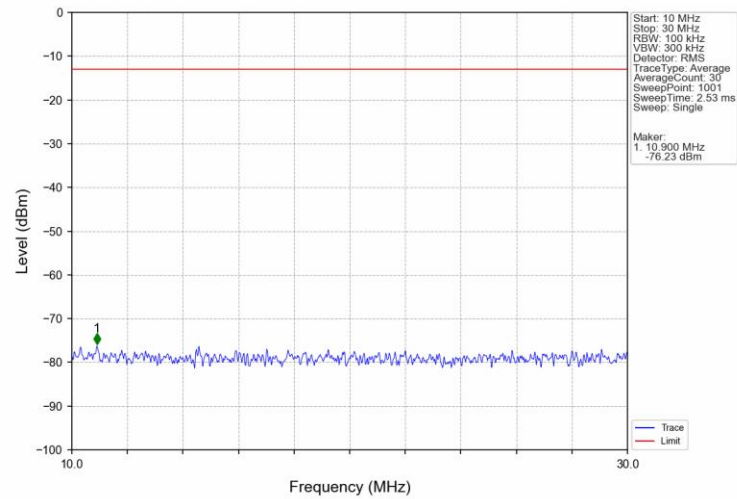
Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV



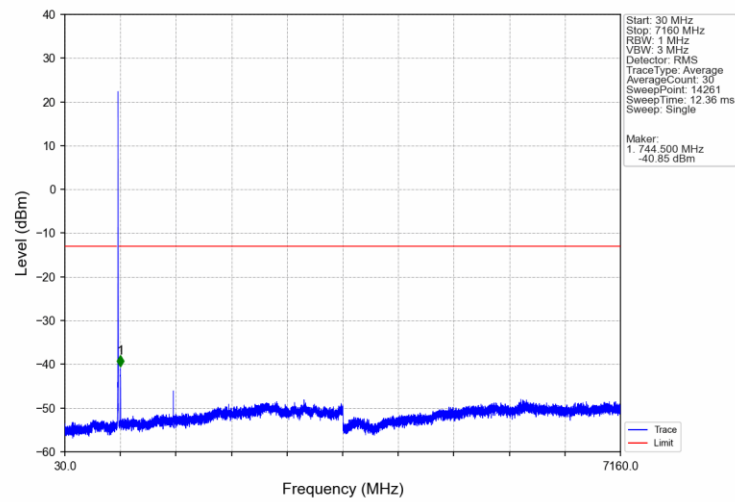
Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV



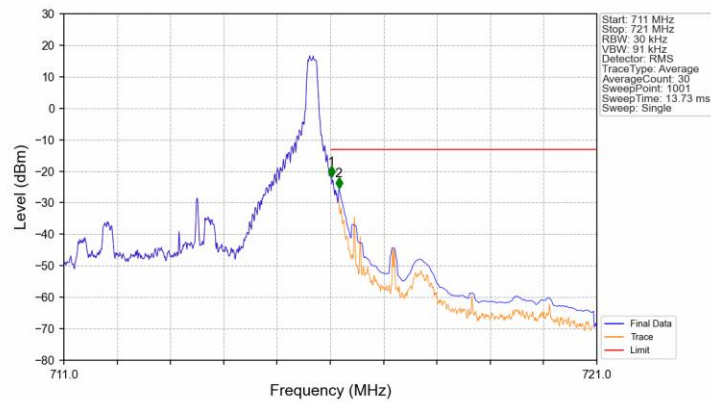
Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV



Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV

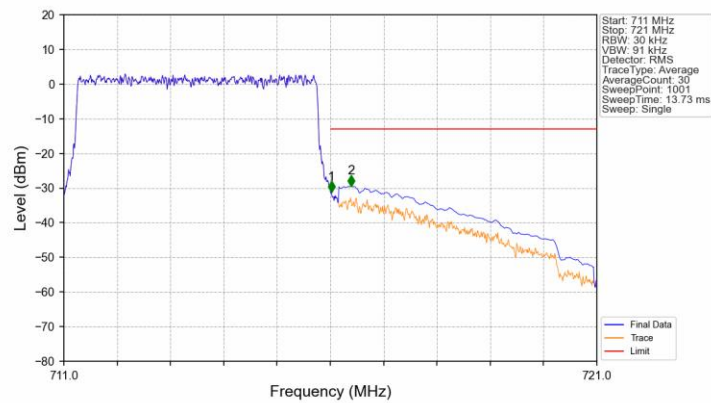


Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV



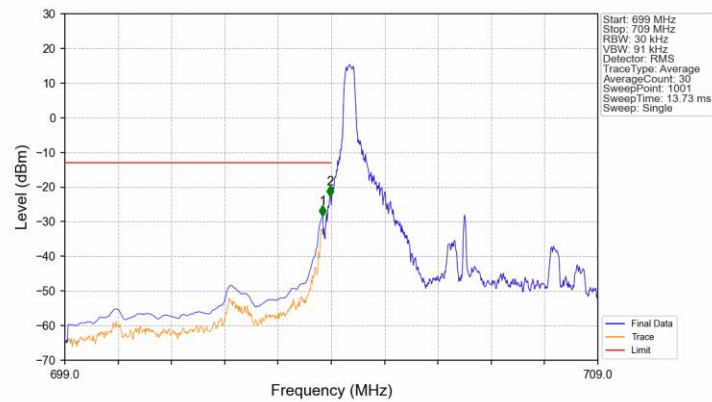
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.020	-21.85	-13	Pass
716.1	721	0.1	CHP	2	716.160	-25.35	-13	Pass

Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



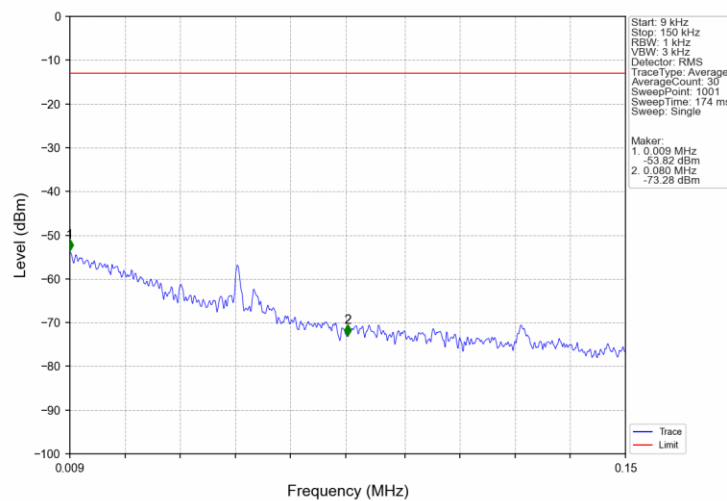
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.020	-31.09	-13	Pass
716.1	721	0.1	CHP	2	716.390	-29.40	-13	Pass

Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV

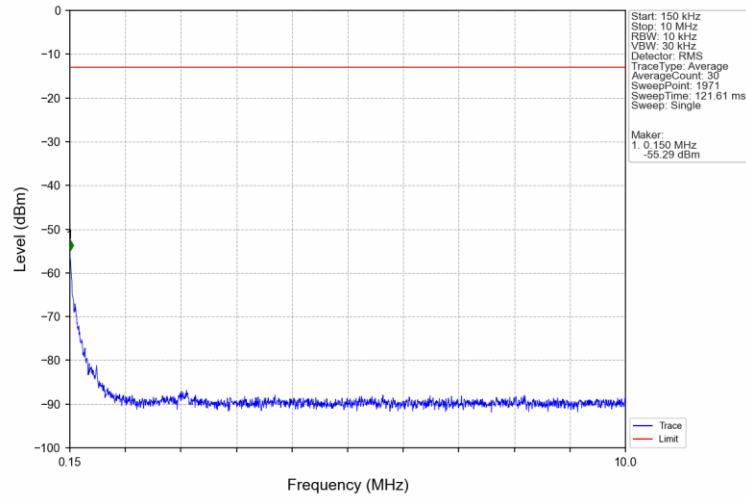


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-28.38	-13	Pass
703.9	704	0.03	/	2	703.980	-22.72	-13	Pass
704	709	0.03	/	/	/	/	/	/

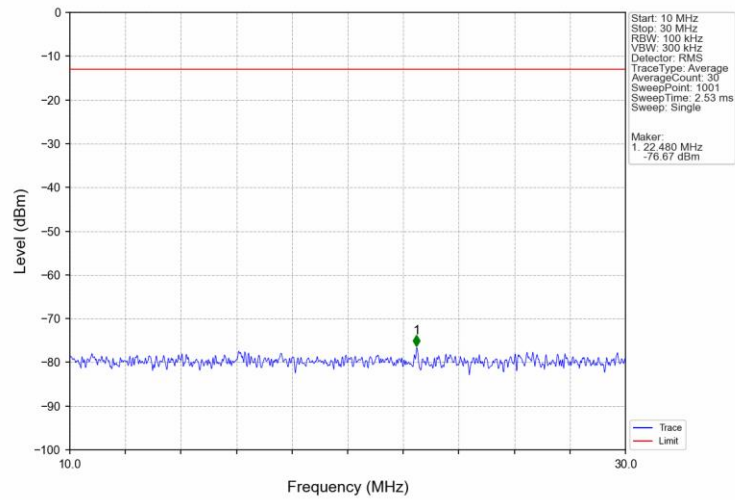
Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV



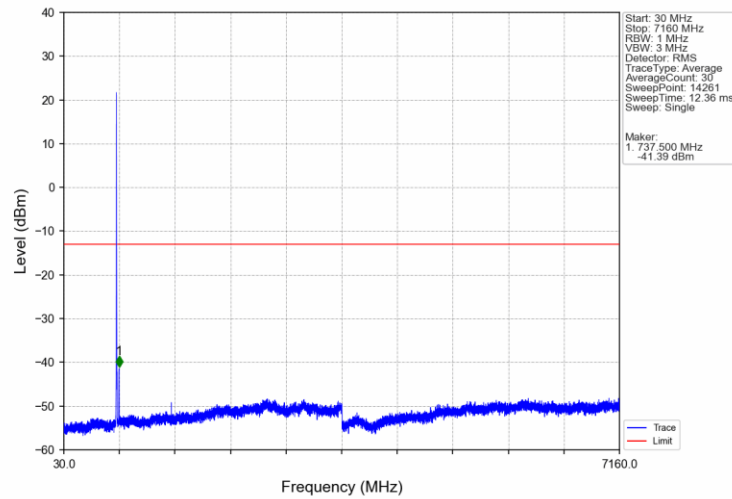
Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV



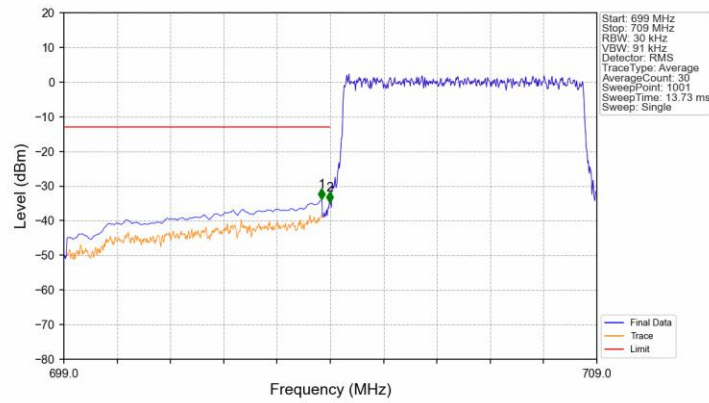
Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV



Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV

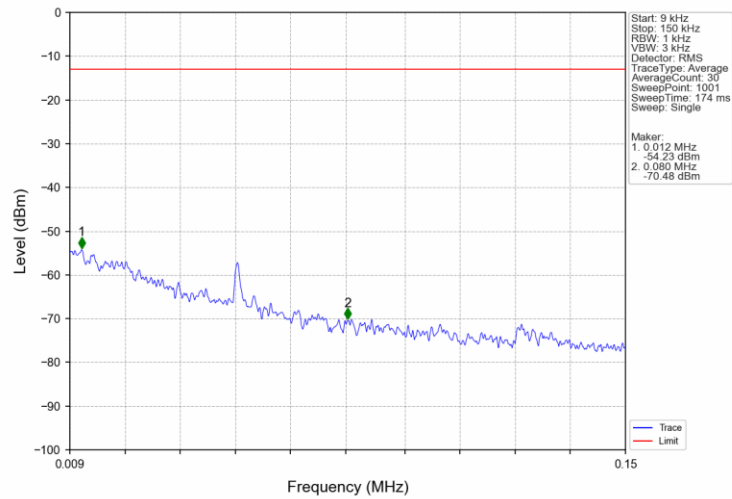


Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV

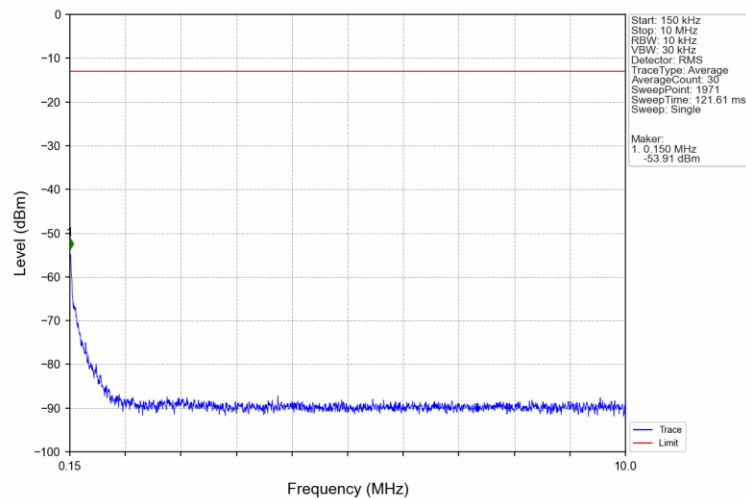


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-33.90	-13	Pass
703.9	704	0.03	/	2	703.990	-34.79	-13	Pass
704	709	0.03	/	/	/	/	/	/

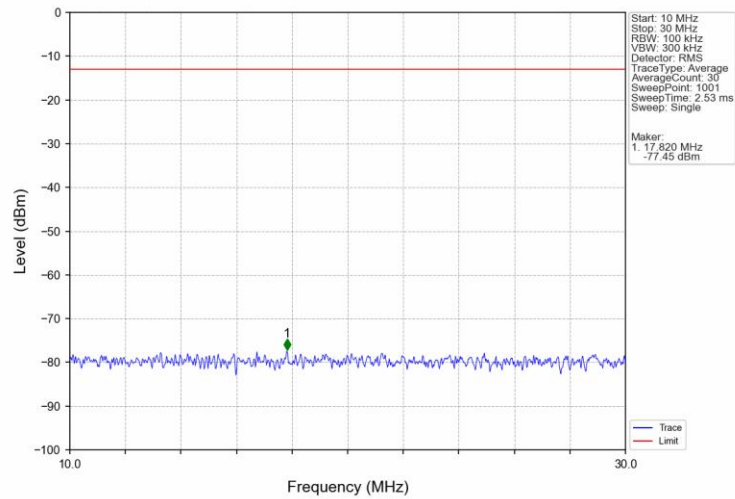
Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



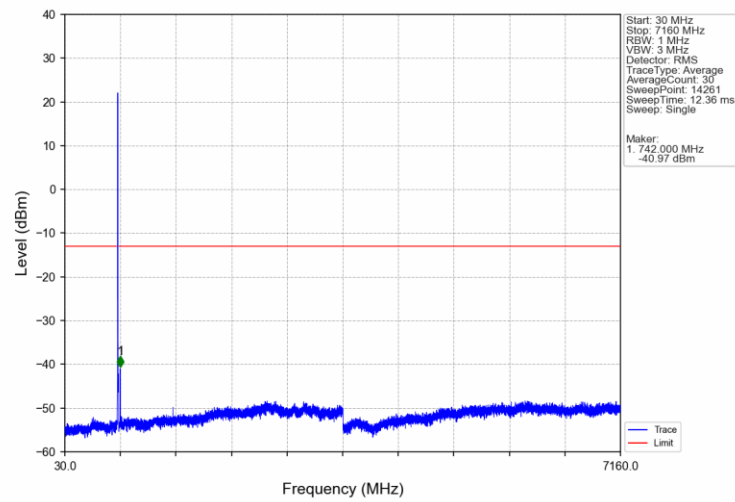
Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



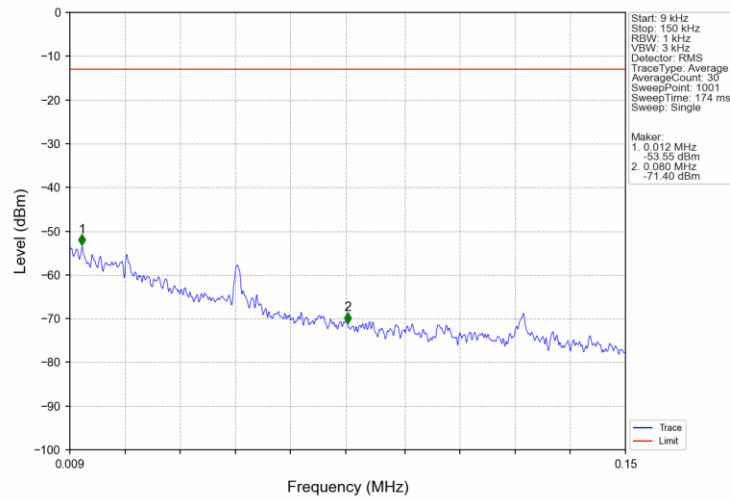
Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



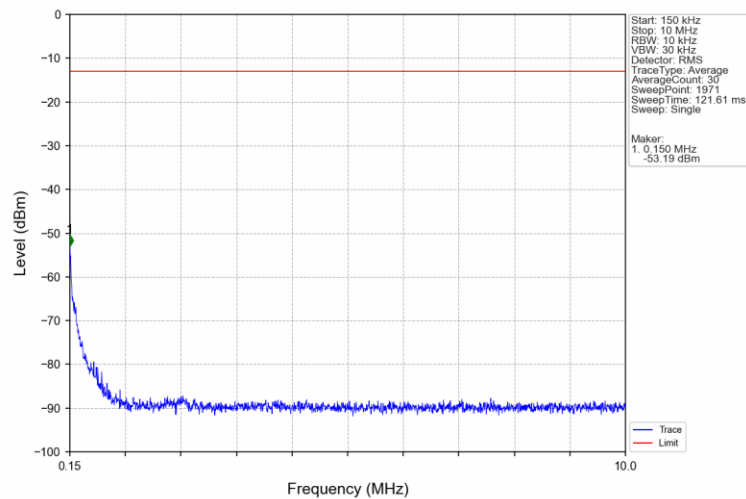
Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



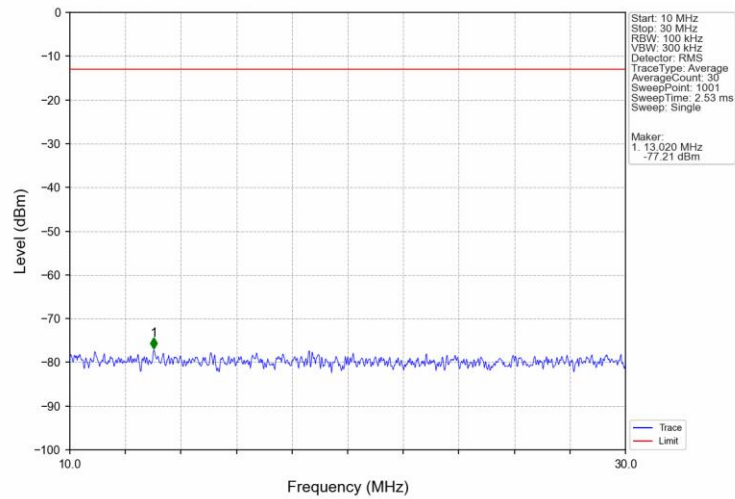
Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



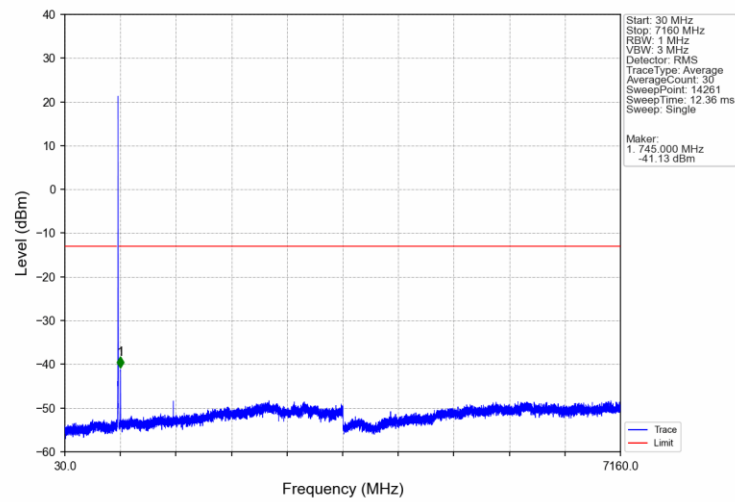
Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



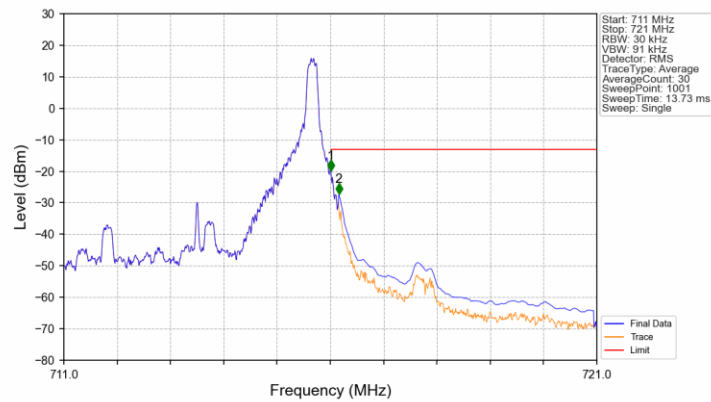
Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV

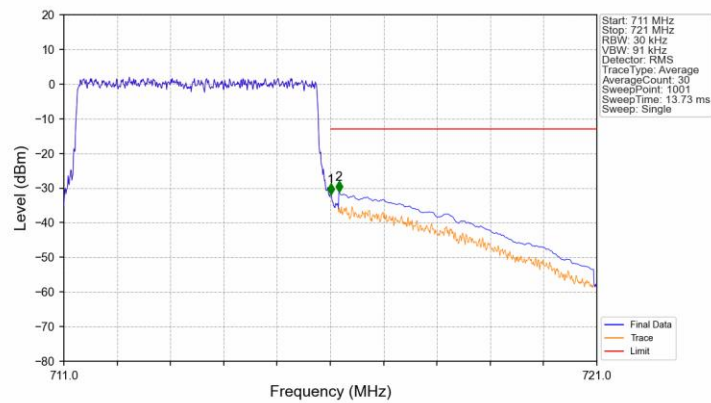


Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_24_NTNV



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	-19.89	-13	Pass
716.1	721	0.1	CHP	2	716.160	-27.20	-13	Pass

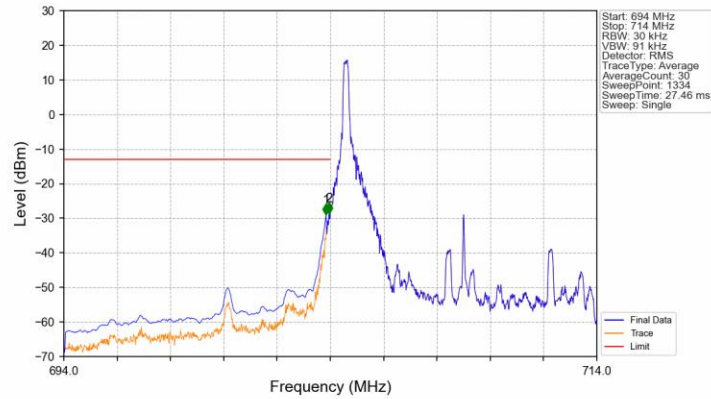
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



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	716.010	-31.87	-13	Pass
716.1	721	0.1	CHP	2	716.160	-31.09	-13	Pass

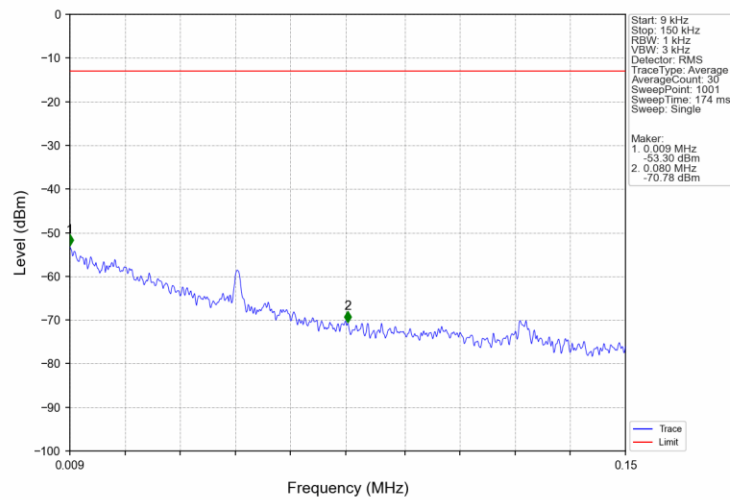
6.2.2 B17_10MHz

Band17 10MHz QPSK LCH 709MHz RB 1 0 NTN

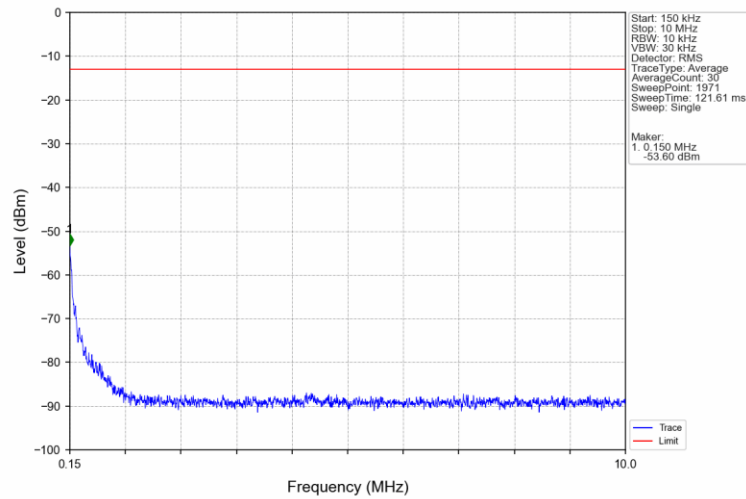


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-28.88	-13	Pass
703.9	704	0.03	/	2	703.962	-28.66	-13	Pass
704	714	0.03	/	/	/	/	/	/

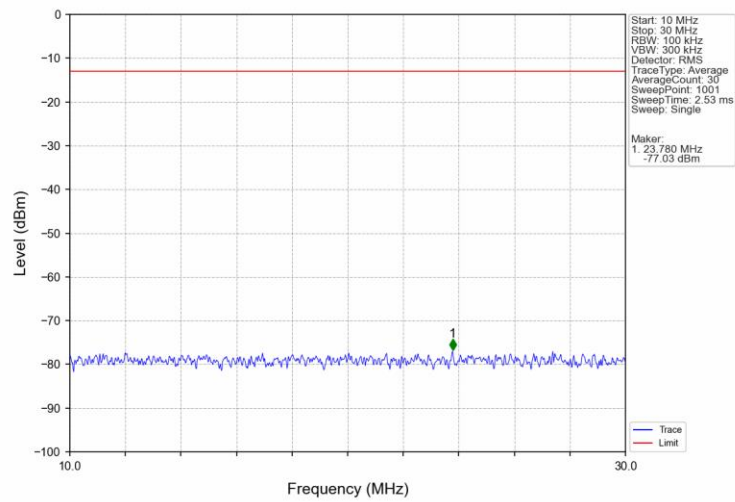
Band17 10MHz QPSK LCH 709MHz RB 1 0 NTN



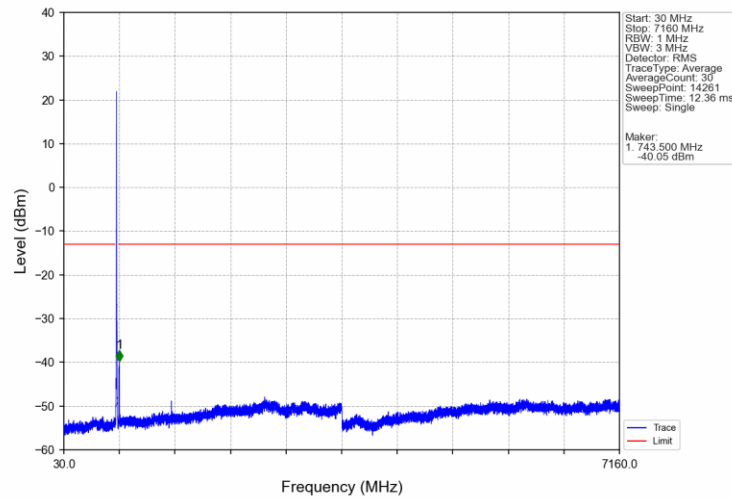
Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV



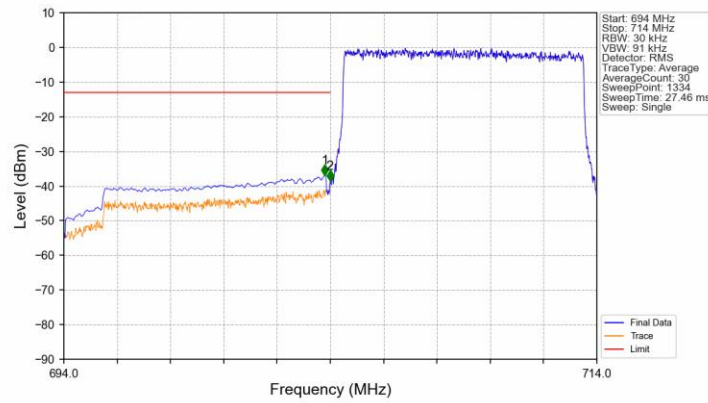
Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV



Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV

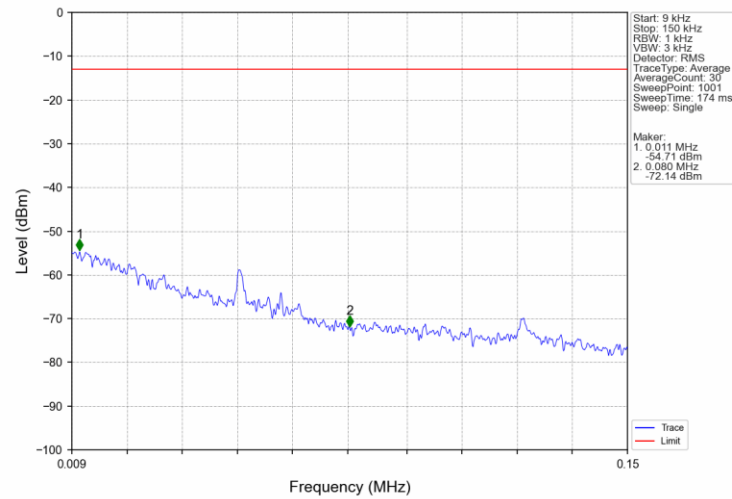


Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV

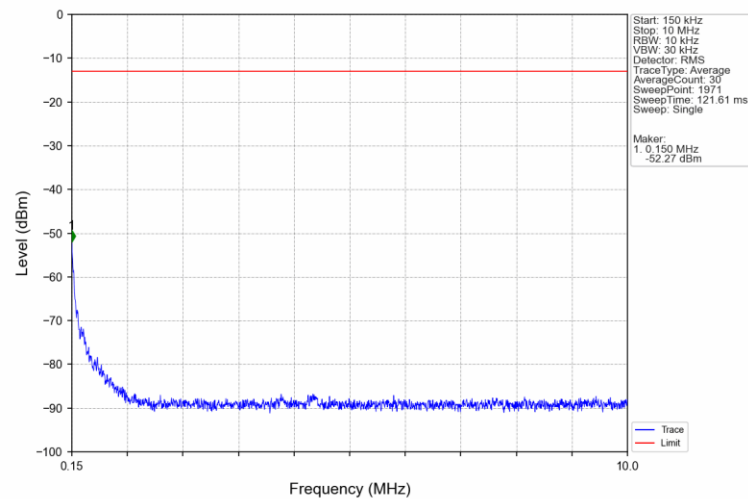


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	ChP	1	703.797	-36.90	-13	Pass
703.9	704	0.03	/	2	703.992	-38.61	-13	Pass
704	714	0.03	/	/	/	/	/	/

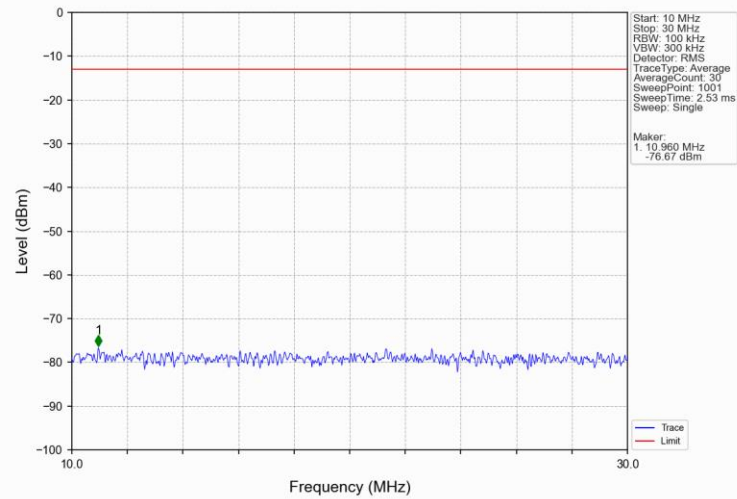
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



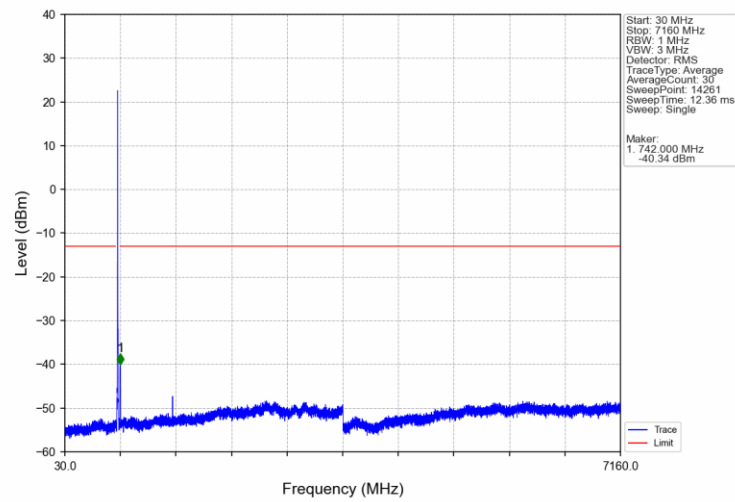
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



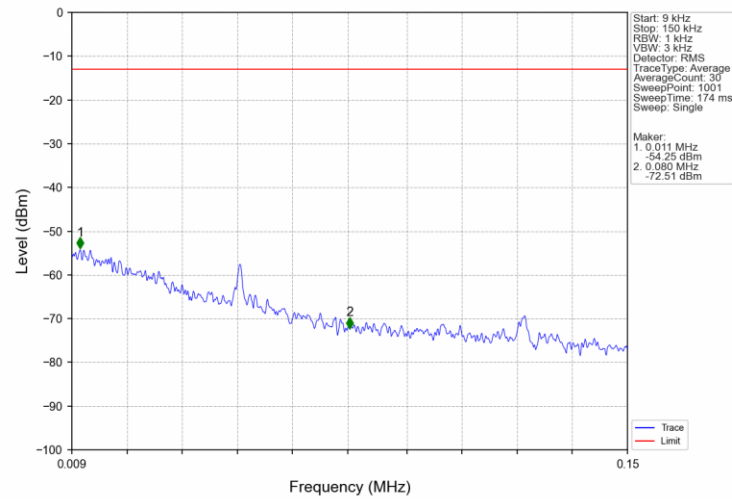
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



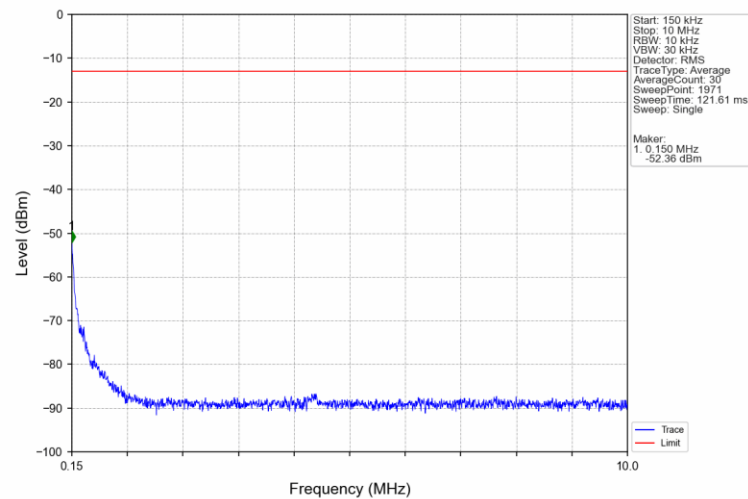
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



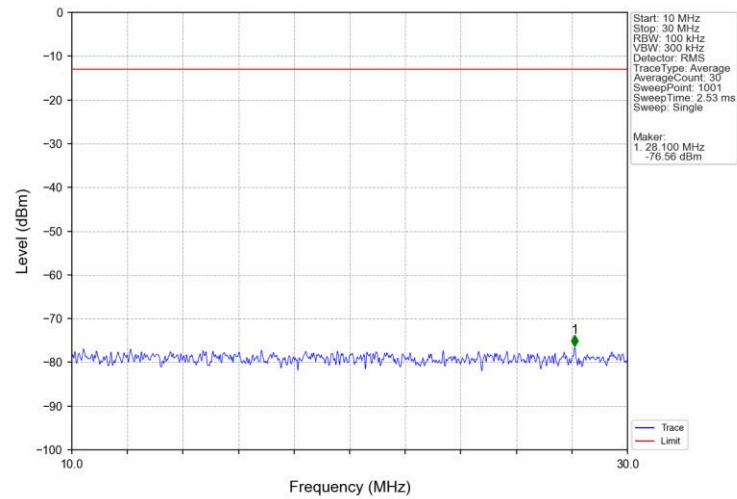
Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



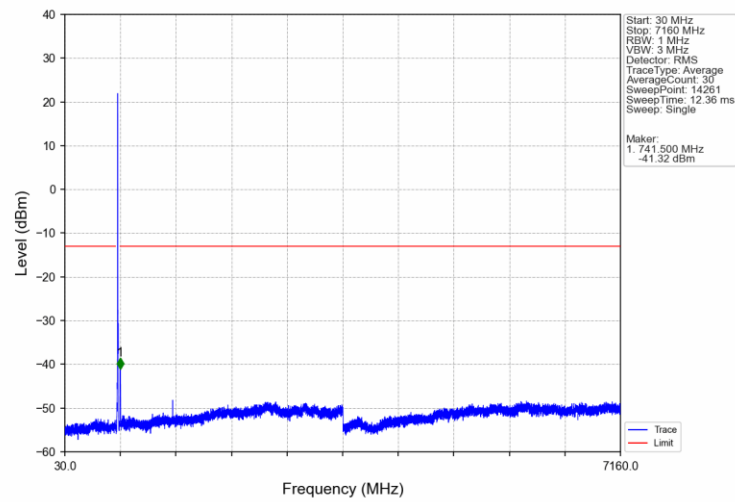
Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



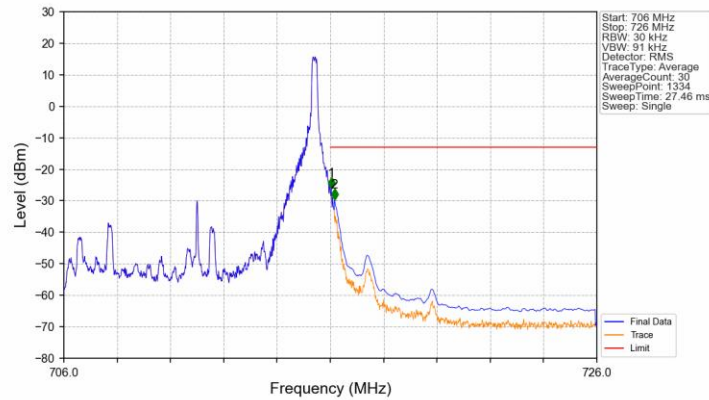
Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV

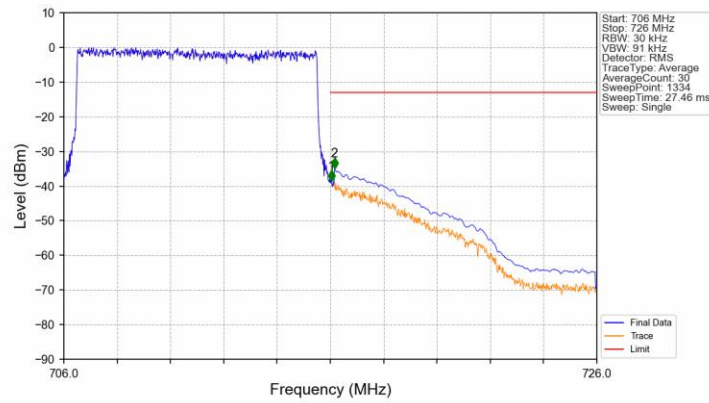


Band17_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV



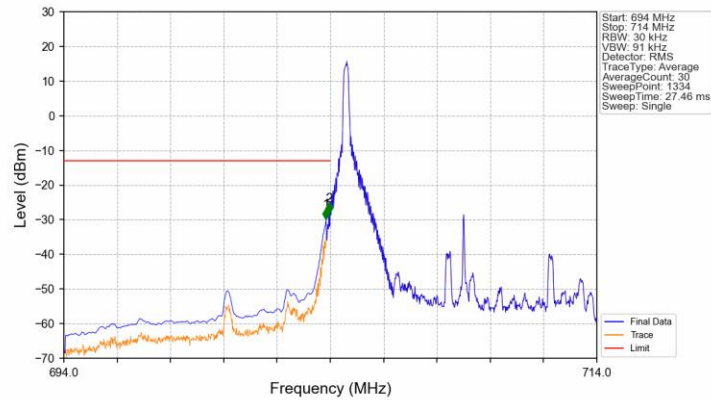
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.038	-25.97	-13	Pass
716.1	726	0.1	CHP	2	716.158	-29.61	-13	Pass

Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



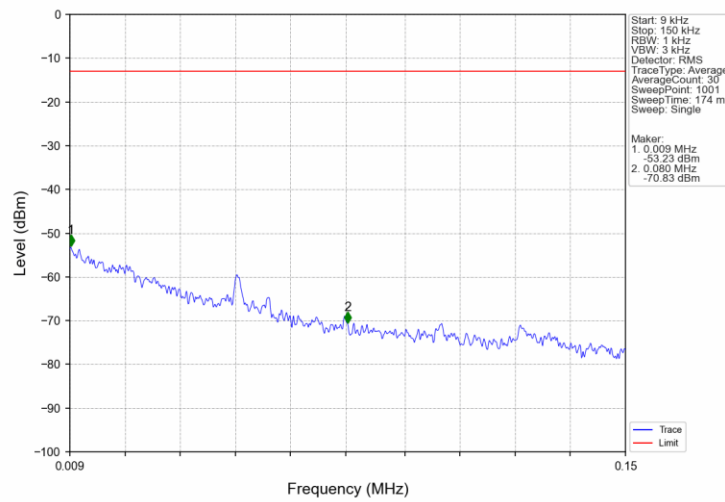
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.038	-38.62	-13	Pass
716.1	726	0.1	CHP	2	716.158	-34.93	-13	Pass

Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV

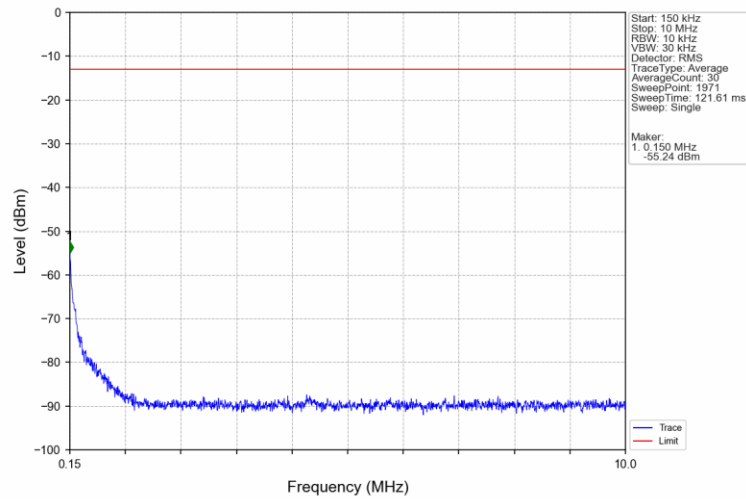


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-29.94	-13	Pass
703.9	704	0.03	/	2	703.947	-28.15	-13	Pass
704	714	0.03	/	/	/	/	/	/

Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV



Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV



Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV

