

1. Effective (Isotropic) Radiated Power Output Data

1.1 B17_5MHz_ERP

1.1.1 Test Result

Band: 17 / Bandwidth: 5MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	706.5	1	0	23.67	-0.30	21.22	<=34.77	Pass		
			13	23.64	-0.30	21.19	<=34.77	Pass		
			24	23.74	-0.30	21.29	<=34.77	Pass		
		12	0	23.06	-0.30	20.61	<=34.77	Pass		
			6	23.02	-0.30	20.57	<=34.77	Pass		
			13	23.02	-0.30	20.57	<=34.77	Pass		
		25	0	23.04	-0.30	20.59	<=34.77	Pass		
		710	1	0	23.72	-0.30	21.27	<=34.77	Pass	
				13	23.70	-0.30	21.25	<=34.77	Pass	
	24			23.74	-0.30	21.29	<=34.77	Pass		
	12		0	23.07	-0.30	20.62	<=34.77	Pass		
			6	23.03	-0.30	20.58	<=34.77	Pass		
			13	23.05	-0.30	20.60	<=34.77	Pass		
	25	0	23.08	-0.30	20.63	<=34.77	Pass			
	713.5	1	0	23.62	-0.30	21.17	<=34.77	Pass		
			13	23.63	-0.30	21.18	<=34.77	Pass		
			24	23.63	-0.30	21.18	<=34.77	Pass		
		12	0	23.07	-0.30	20.62	<=34.77	Pass		
			6	22.99	-0.30	20.54	<=34.77	Pass		
			13	22.89	-0.30	20.44	<=34.77	Pass		
		25	0	23.01	-0.30	20.56	<=34.77	Pass		
		16QAM	706.5	1	0	22.58	-0.30	20.13	<=34.77	Pass
					13	22.56	-0.30	20.11	<=34.77	Pass
	24				22.68	-0.30	20.23	<=34.77	Pass	
12	0			22.04	-0.30	19.59	<=34.77	Pass		
	6			22.03	-0.30	19.58	<=34.77	Pass		
	13			22.02	-0.30	19.57	<=34.77	Pass		
25	0			22.07	-0.30	19.62	<=34.77	Pass		
710	1			0	22.81	-0.30	20.36	<=34.77	Pass	
				13	22.75	-0.30	20.30	<=34.77	Pass	
			24	22.78	-0.30	20.33	<=34.77	Pass		
	12		0	22.09	-0.30	19.64	<=34.77	Pass		
			6	22.06	-0.30	19.61	<=34.77	Pass		
			13	22.09	-0.30	19.64	<=34.77	Pass		
25	0		22.13	-0.30	19.68	<=34.77	Pass			
713.5	1		0	22.76	-0.30	20.31	<=34.77	Pass		
			13	22.72	-0.30	20.27	<=34.77	Pass		
			24	22.77	-0.30	20.32	<=34.77	Pass		
	12		0	22.10	-0.30	19.65	<=34.77	Pass		
			6	22.05	-0.30	19.60	<=34.77	Pass		
			13	21.92	-0.30	19.47	<=34.77	Pass		
	25		0	21.97	-0.30	19.52	<=34.77	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.2 B17_10MHz_ERP

1.2.1 Test Result

Band: 17 / Bandwidth: 10MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	709	1	0	23.55	-0.30	21.10	<=34.77	Pass		
			25	23.57	-0.30	21.12	<=34.77	Pass		
			49	23.65	-0.30	21.20	<=34.77	Pass		
		25	0	23.08	-0.30	20.63	<=34.77	Pass		
			13	23.04	-0.30	20.59	<=34.77	Pass		
			25	23.13	-0.30	20.68	<=34.77	Pass		
		50	0	23.15	-0.30	20.70	<=34.77	Pass		
		710	1	0	23.60	-0.30	21.15	<=34.77	Pass	
				25	23.58	-0.30	21.13	<=34.77	Pass	
	49			23.55	-0.30	21.10	<=34.77	Pass		
	25		0	23.07	-0.30	20.62	<=34.77	Pass		
			13	23.02	-0.30	20.57	<=34.77	Pass		
			25	23.06	-0.30	20.61	<=34.77	Pass		
	50		0	23.10	-0.30	20.65	<=34.77	Pass		
	711		1	0	23.51	-0.30	21.06	<=34.77	Pass	
				25	23.54	-0.30	21.09	<=34.77	Pass	
		49		23.58	-0.30	21.13	<=34.77	Pass		
		25	0	23.06	-0.30	20.61	<=34.77	Pass		
			13	23.06	-0.30	20.61	<=34.77	Pass		
			25	23.00	-0.30	20.55	<=34.77	Pass		
		50	0	23.05	-0.30	20.60	<=34.77	Pass		
		16QAM	709	1	0	22.71	-0.30	20.26	<=34.77	Pass
					25	22.73	-0.30	20.28	<=34.77	Pass
	49				22.79	-0.30	20.34	<=34.77	Pass	
25	0			22.06	-0.30	19.61	<=34.77	Pass		
	13			22.06	-0.30	19.61	<=34.77	Pass		
	25			22.10	-0.30	19.65	<=34.77	Pass		
50	0			22.10	-0.30	19.65	<=34.77	Pass		
710	1			0	22.52	-0.30	20.07	<=34.77	Pass	
				25	22.44	-0.30	19.99	<=34.77	Pass	
			49	22.48	-0.30	20.03	<=34.77	Pass		
	25		0	22.09	-0.30	19.64	<=34.77	Pass		
			13	22.07	-0.30	19.62	<=34.77	Pass		
			25	22.09	-0.30	19.64	<=34.77	Pass		
	50		0	22.08	-0.30	19.63	<=34.77	Pass		
	711		1	0	22.77	-0.30	20.32	<=34.77	Pass	
				25	22.77	-0.30	20.32	<=34.77	Pass	
49				22.80	-0.30	20.35	<=34.77	Pass		
25			0	22.09	-0.30	19.64	<=34.77	Pass		
			13	22.07	-0.30	19.62	<=34.77	Pass		
			25	22.02	-0.30	19.57	<=34.77	Pass		
50			0	22.02	-0.30	19.57	<=34.77	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15

2. Frequency Stability

2.1 B17_5MHz

2.1.1 Test Result

Band: 17 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	706.5	25	0	20	3.23	-0.315	-0.0004	-2.5 to 2.5	Pass
					3.8	1.845	0.0026	-2.5 to 2.5	Pass
					4.37	-0.801	-0.0011	-2.5 to 2.5	Pass
				-30	3.8	2.103	0.0030	-2.5 to 2.5	Pass
				-20	3.8	-0.629	-0.0009	-2.5 to 2.5	Pass
				-10	3.8	-2.017	-0.0029	-2.5 to 2.5	Pass
				0	3.8	-0.043	-0.0001	-2.5 to 2.5	Pass
				10	3.8	2.375	0.0034	-2.5 to 2.5	Pass
				30	3.8	-0.901	-0.0013	-2.5 to 2.5	Pass
				40	3.8	-0.029	0.0000	-2.5 to 2.5	Pass
	50	3.8	0.873	0.0012	-2.5 to 2.5	Pass			
	710	25	0	20	3.23	1.144	0.0016	-2.5 to 2.5	Pass
					3.8	1.731	0.0024	-2.5 to 2.5	Pass
					4.37	0.987	0.0014	-2.5 to 2.5	Pass
				-30	3.8	0.286	0.0004	-2.5 to 2.5	Pass
				-20	3.8	1.802	0.0025	-2.5 to 2.5	Pass
				-10	3.8	0.429	0.0006	-2.5 to 2.5	Pass
				0	3.8	1.674	0.0024	-2.5 to 2.5	Pass
				10	3.8	0.830	0.0012	-2.5 to 2.5	Pass
				30	3.8	2.689	0.0038	-2.5 to 2.5	Pass
				40	3.8	1.903	0.0027	-2.5 to 2.5	Pass
	50	3.8	1.445	0.0020	-2.5 to 2.5	Pass			
	713.5	25	0	20	3.23	-3.047	-0.0043	-2.5 to 2.5	Pass
					3.8	3.533	0.0050	-2.5 to 2.5	Pass
					4.37	0.029	0.0000	-2.5 to 2.5	Pass
				-30	3.8	-2.732	-0.0038	-2.5 to 2.5	Pass
				-20	3.8	-0.143	-0.0002	-2.5 to 2.5	Pass
				-10	3.8	-0.243	-0.0003	-2.5 to 2.5	Pass
				0	3.8	-2.103	-0.0029	-2.5 to 2.5	Pass
				10	3.8	-0.501	-0.0007	-2.5 to 2.5	Pass
30				3.8	-0.987	-0.0014	-2.5 to 2.5	Pass	
40				3.8	0.100	0.0001	-2.5 to 2.5	Pass	
50	3.8	1.602	0.0022	-2.5 to 2.5	Pass				
16QAM	706.5	25	0	20	3.23	-0.916	-0.0013	-2.5 to 2.5	Pass
					3.8	3.119	0.0044	-2.5 to 2.5	Pass
					4.37	3.262	0.0046	-2.5 to 2.5	Pass
				-30	3.8	-0.501	-0.0007	-2.5 to 2.5	Pass
				-20	3.8	1.845	0.0026	-2.5 to 2.5	Pass
				-10	3.8	1.516	0.0021	-2.5 to 2.5	Pass
				0	3.8	2.389	0.0034	-2.5 to 2.5	Pass
				10	3.8	1.502	0.0021	-2.5 to 2.5	Pass
				30	3.8	-2.117	-0.0030	-2.5 to 2.5	Pass
				40	3.8	-1.144	-0.0016	-2.5 to 2.5	Pass
	50	3.8	0.701	0.0010	-2.5 to 2.5	Pass			
	710	25	0	20	3.23	1.101	0.0016	-2.5 to 2.5	Pass
					3.8	2.961	0.0042	-2.5 to 2.5	Pass
					4.37	3.676	0.0052	-2.5 to 2.5	Pass
				-30	3.8	2.704	0.0038	-2.5 to 2.5	Pass
				-20	3.8	3.476	0.0049	-2.5 to 2.5	Pass
				-10	3.8	-1.431	-0.0020	-2.5 to 2.5	Pass
				0	3.8	-2.503	-0.0035	-2.5 to 2.5	Pass
				10	3.8	0.558	0.0008	-2.5 to 2.5	Pass
				30	3.8	1.330	0.0019	-2.5 to 2.5	Pass
40				3.8	0.200	0.0003	-2.5 to 2.5	Pass	

				50	3.8	0.272	0.0004	-2.5 to 2.5	Pass
				20	3.23	-1.388	-0.0019	-2.5 to 2.5	Pass
					3.8	-0.887	-0.0012	-2.5 to 2.5	Pass
				20	4.37	-0.701	-0.0010	-2.5 to 2.5	Pass
					-30	3.8	0.200	0.0003	-2.5 to 2.5
				-20	3.8	-0.229	-0.0003	-2.5 to 2.5	Pass
				-10	3.8	-1.788	-0.0025	-2.5 to 2.5	Pass
				0	3.8	-0.029	0.0000	-2.5 to 2.5	Pass
				10	3.8	-1.745	-0.0024	-2.5 to 2.5	Pass
				30	3.8	-4.549	-0.0064	-2.5 to 2.5	Pass
				40	3.8	2.460	0.0034	-2.5 to 2.5	Pass
				50	3.8	-2.003	-0.0028	-2.5 to 2.5	Pass

2.2 B17_10MHz

2.2.1 Test Result

Band: 17 / Bandwidth: 10MHz													
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict				
		Size	Offset				Result	Limit					
QPSK	709	50	0	20	3.23	-0.772	-0.0011	-2.5 to 2.5	Pass				
					3.8	-1.302	-0.0018	-2.5 to 2.5	Pass				
					4.37	-1.745	-0.0025	-2.5 to 2.5	Pass				
								-30	3.8	-1.845	-0.0026	-2.5 to 2.5	Pass
								-20	3.8	-2.160	-0.0030	-2.5 to 2.5	Pass
								-10	3.8	-2.747	-0.0039	-2.5 to 2.5	Pass
								0	3.8	-2.203	-0.0031	-2.5 to 2.5	Pass
								10	3.8	-0.858	-0.0012	-2.5 to 2.5	Pass
								30	3.8	-1.101	-0.0016	-2.5 to 2.5	Pass
					40	3.8	1.473	0.0021	-2.5 to 2.5	Pass			
					50	3.8	1.903	0.0027	-2.5 to 2.5	Pass			
		710	50	0	20	3.23	-0.272	-0.0004	-2.5 to 2.5	Pass			
	3.8					0.887	0.0012	-2.5 to 2.5	Pass				
	4.37					1.702	0.0024	-2.5 to 2.5	Pass				
								-30	3.8	-2.432	-0.0034	-2.5 to 2.5	Pass
								-20	3.8	-2.789	-0.0039	-2.5 to 2.5	Pass
								-10	3.8	-2.360	-0.0033	-2.5 to 2.5	Pass
								0	3.8	-1.731	-0.0024	-2.5 to 2.5	Pass
								10	3.8	-1.688	-0.0024	-2.5 to 2.5	Pass
								30	3.8	0.343	0.0005	-2.5 to 2.5	Pass
					40	3.8	-0.286	-0.0004	-2.5 to 2.5	Pass			
					50	3.8	-0.715	-0.0010	-2.5 to 2.5	Pass			
		711	50	0	20	3.23	1.030	0.0014	-2.5 to 2.5	Pass			
	3.8					-1.774	-0.0025	-2.5 to 2.5	Pass				
	4.37					1.960	0.0028	-2.5 to 2.5	Pass				
								-30	3.8	1.702	0.0024	-2.5 to 2.5	Pass
								-20	3.8	-1.431	-0.0020	-2.5 to 2.5	Pass
							-10	3.8	-1.059	-0.0015	-2.5 to 2.5	Pass	
							0	3.8	0.329	0.0005	-2.5 to 2.5	Pass	
							10	3.8	-0.072	-0.0001	-2.5 to 2.5	Pass	
							30	3.8	-0.114	-0.0002	-2.5 to 2.5	Pass	
				40	3.8	-1.187	-0.0017	-2.5 to 2.5	Pass				
				50	3.8	-0.629	-0.0009	-2.5 to 2.5	Pass				
16QAM	709	50	0	20	3.23	-1.388	-0.0020	-2.5 to 2.5	Pass				
					3.8	-0.644	-0.0009	-2.5 to 2.5	Pass				

					4.37	-0.715	-0.0010	-2.5 to 2.5	Pass			
				-30	3.8	-2.818	-0.0040	-2.5 to 2.5	Pass			
				-20	3.8	-2.890	-0.0041	-2.5 to 2.5	Pass			
				-10	3.8	0.973	0.0014	-2.5 to 2.5	Pass			
				0	3.8	-1.817	-0.0026	-2.5 to 2.5	Pass			
				10	3.8	1.473	0.0021	-2.5 to 2.5	Pass			
				30	3.8	-0.358	-0.0005	-2.5 to 2.5	Pass			
				40	3.8	-3.705	-0.0052	-2.5 to 2.5	Pass			
				50	3.8	-2.332	-0.0033	-2.5 to 2.5	Pass			
	710	50	0	20	3.23	-3.963	-0.0056	-2.5 to 2.5	Pass			
3.8					-2.503	-0.0035	-2.5 to 2.5	Pass				
4.37					-1.760	-0.0025	-2.5 to 2.5	Pass				
							-30	3.8	-4.635	-0.0065	-2.5 to 2.5	Pass
							-20	3.8	-2.618	-0.0037	-2.5 to 2.5	Pass
							-10	3.8	-0.186	-0.0003	-2.5 to 2.5	Pass
							0	3.8	-1.774	-0.0025	-2.5 to 2.5	Pass
							10	3.8	-0.343	-0.0005	-2.5 to 2.5	Pass
							30	3.8	-1.745	-0.0025	-2.5 to 2.5	Pass
							40	3.8	-2.375	-0.0033	-2.5 to 2.5	Pass
				50	3.8	-1.273	-0.0018	-2.5 to 2.5	Pass			
	711	50	0	20	3.23	0.329	0.0005	-2.5 to 2.5	Pass			
3.8					-1.273	-0.0018	-2.5 to 2.5	Pass				
4.37					1.059	0.0015	-2.5 to 2.5	Pass				
							-30	3.8	-0.744	-0.0010	-2.5 to 2.5	Pass
							-20	3.8	1.802	0.0025	-2.5 to 2.5	Pass
							-10	3.8	-1.631	-0.0023	-2.5 to 2.5	Pass
							0	3.8	-1.359	-0.0019	-2.5 to 2.5	Pass
							10	3.8	-2.961	-0.0042	-2.5 to 2.5	Pass
							30	3.8	1.416	0.0020	-2.5 to 2.5	Pass
							40	3.8	0.386	0.0005	-2.5 to 2.5	Pass
				50	3.8	0.930	0.0013	-2.5 to 2.5	Pass			

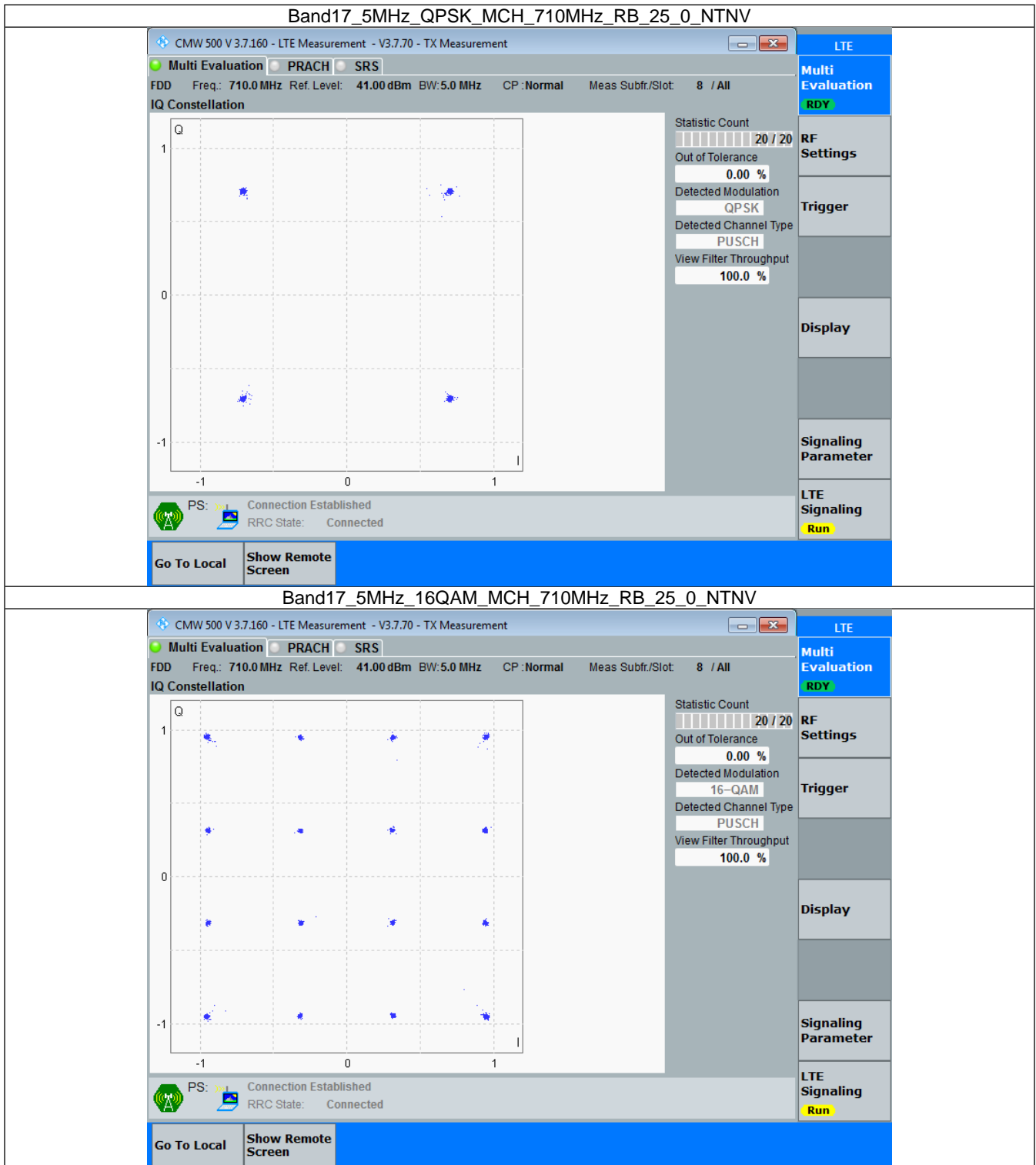
3. Modulation Characteristics

3.1 B17_5MHz

3.1.1 Test Result

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

3.1.2 Test Graph

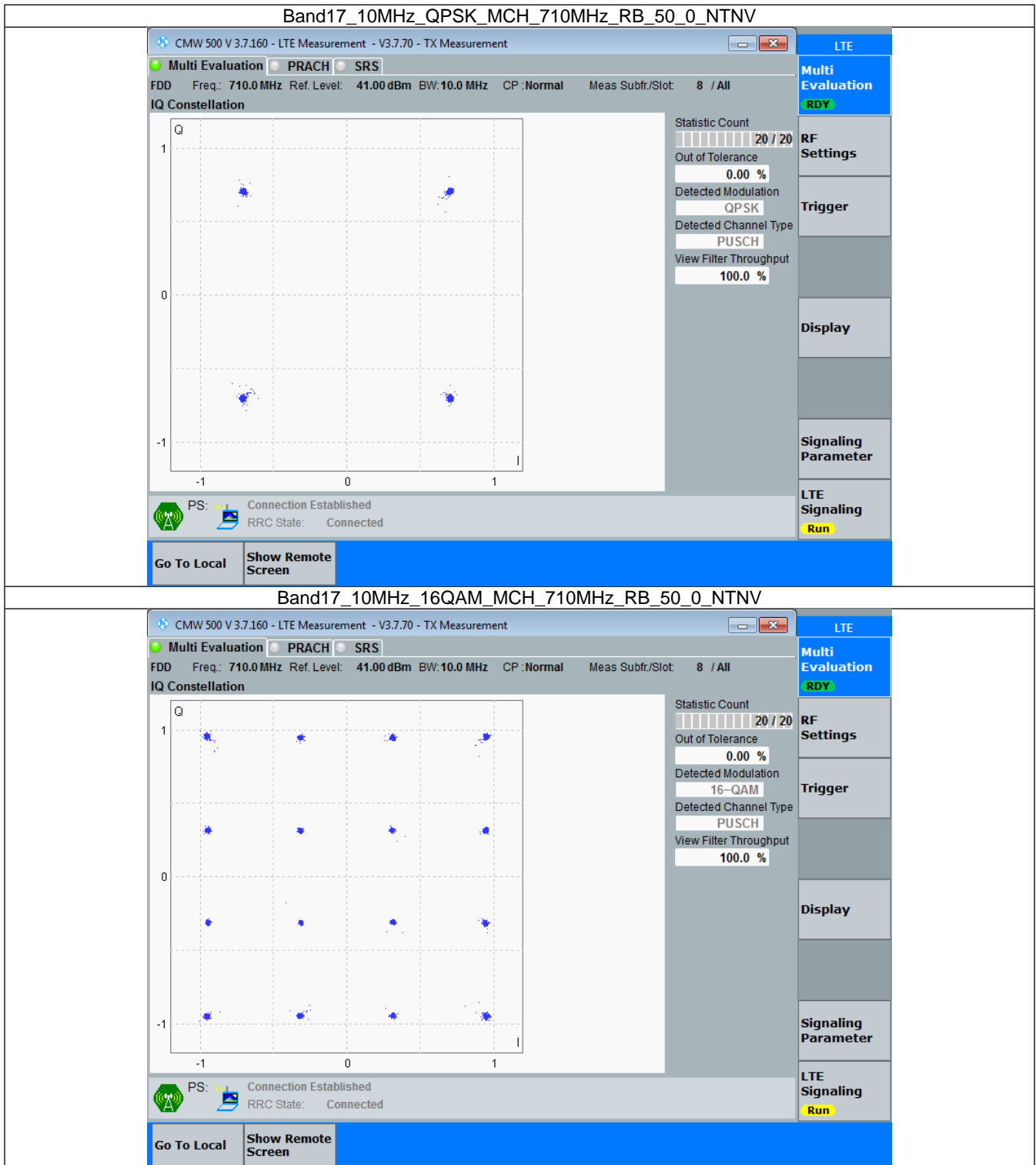


3.2 B17_10MHz

3.2.1 Test Result

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

3.2.2 Test Graph



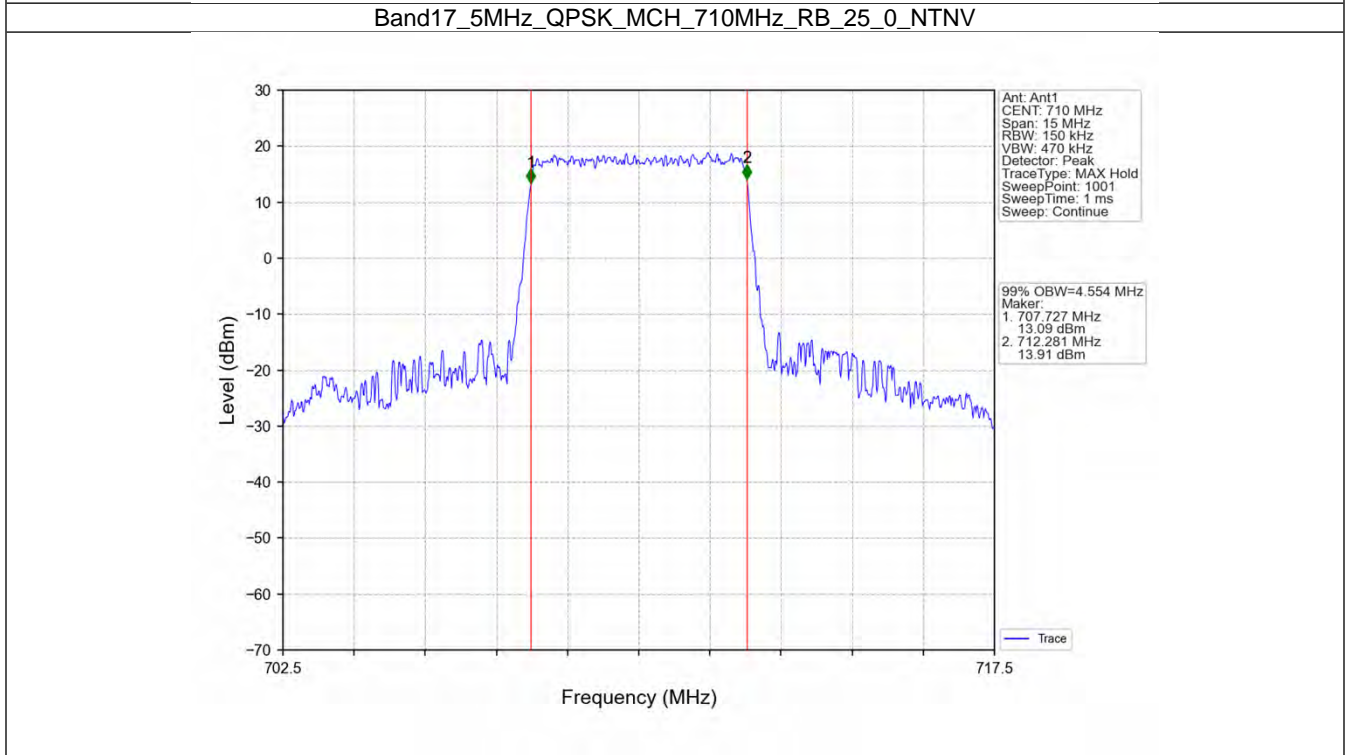
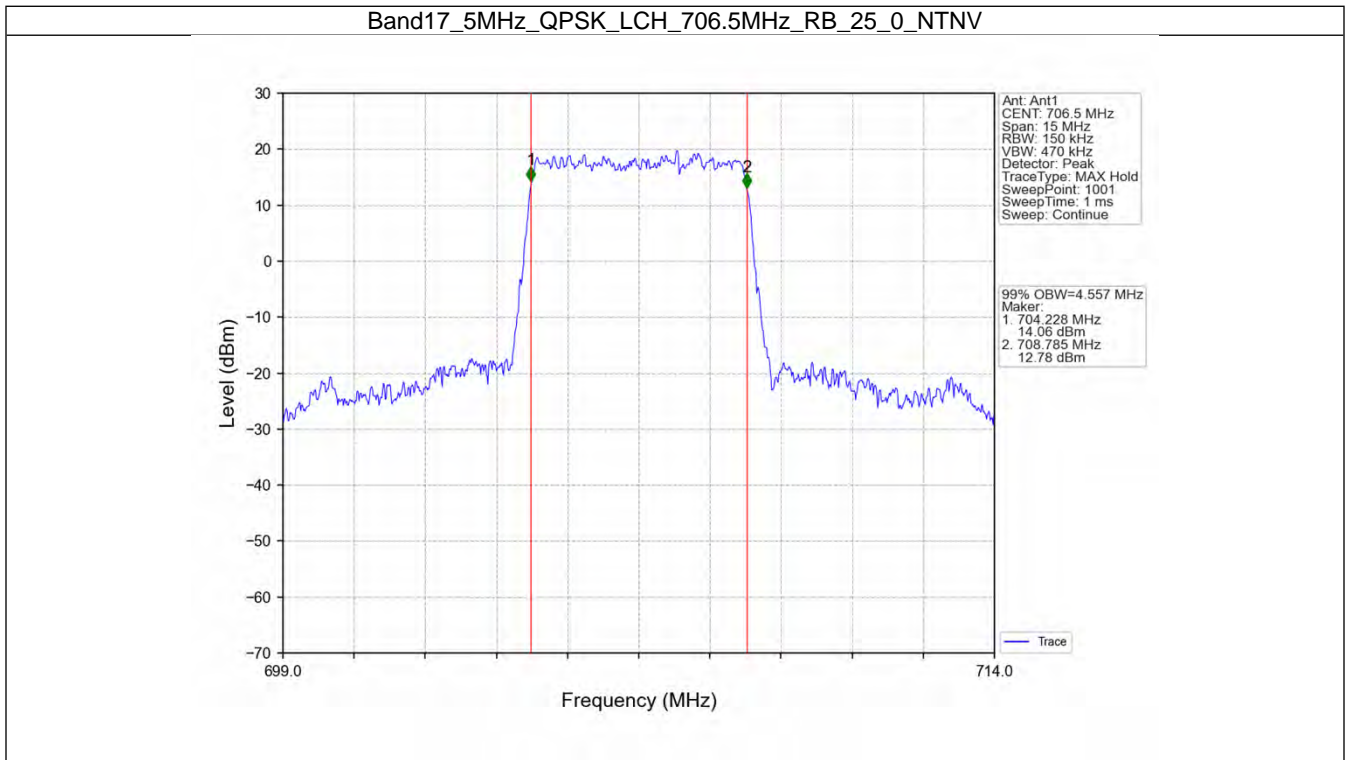
4. 99% & 26dB Bandwidth

4.1 Band17_OBW

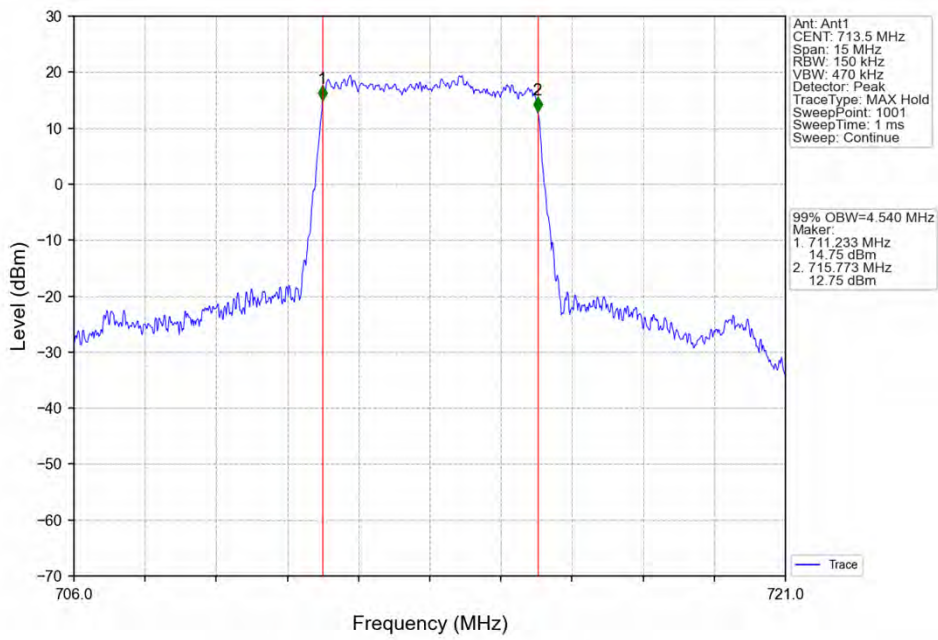
4.1.1 Test Result

Band: 17 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	706.5	25	0	4.557	Pass
		710	25	0	4.554	Pass
		713.5	25	0	4.540	Pass
	16QAM	706.5	25	0	4.535	Pass
		710	25	0	4.546	Pass
		713.5	25	0	4.541	Pass
10	QPSK	709	50	0	9.077	Pass
		710	50	0	9.046	Pass
		711	50	0	9.060	Pass
	16QAM	709	50	0	9.074	Pass
		710	50	0	9.055	Pass
		711	50	0	9.058	Pass

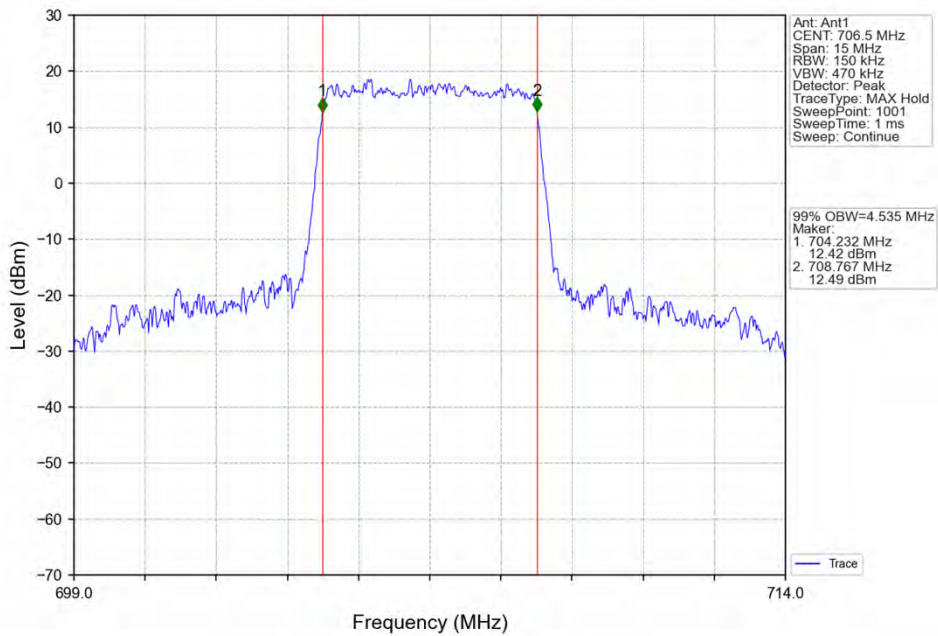
4.1.2 Test Graph



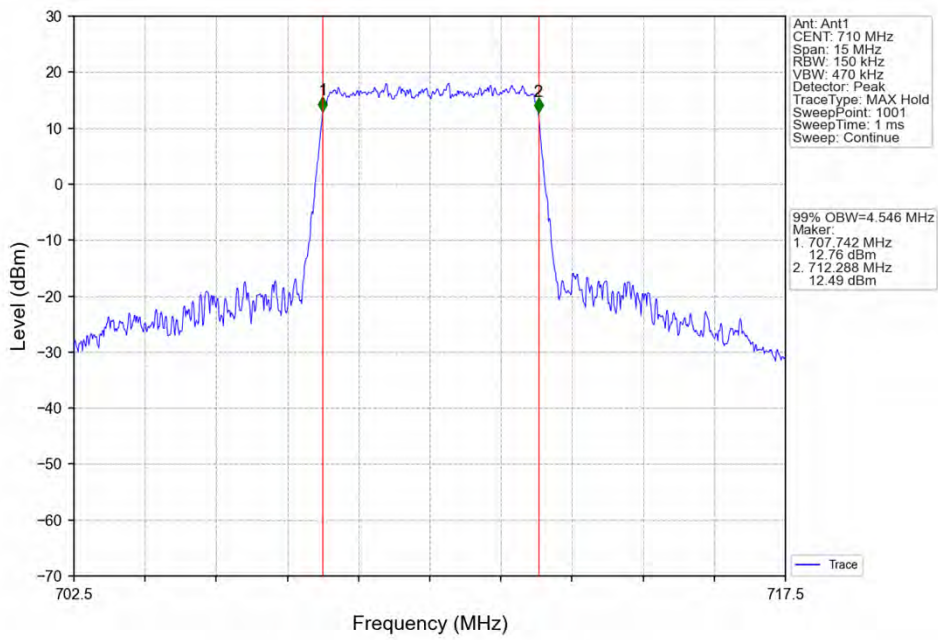
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



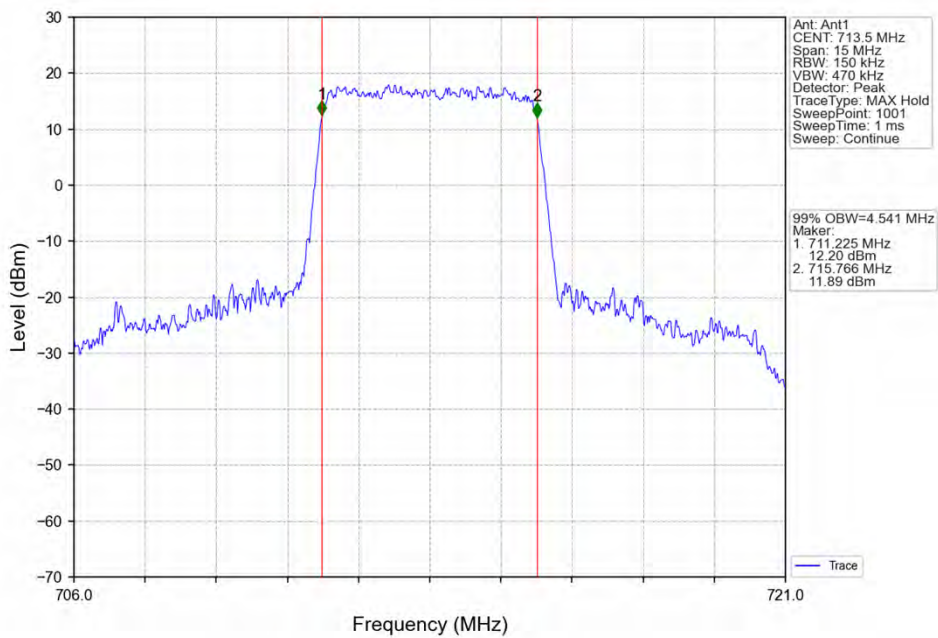
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



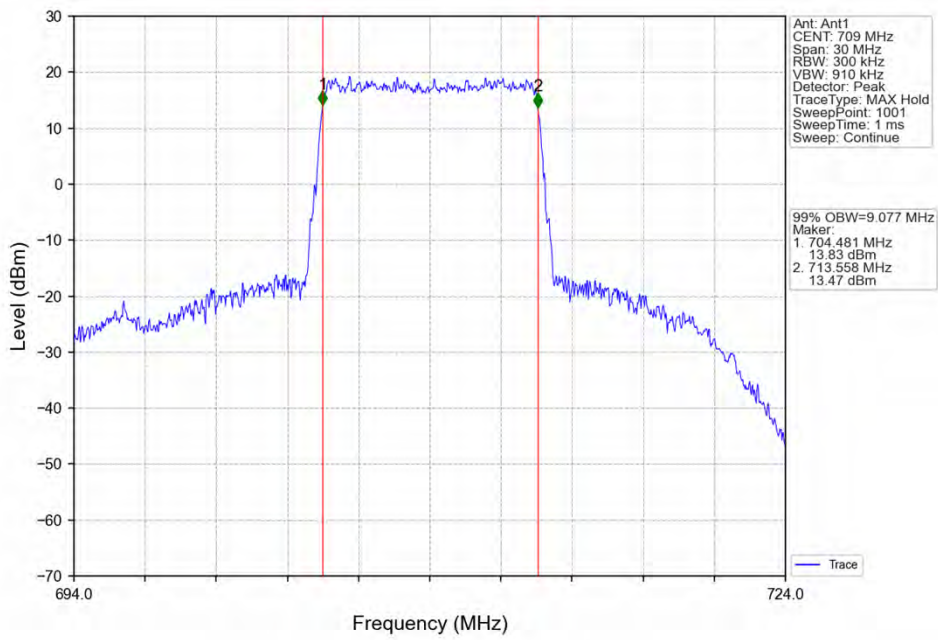
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



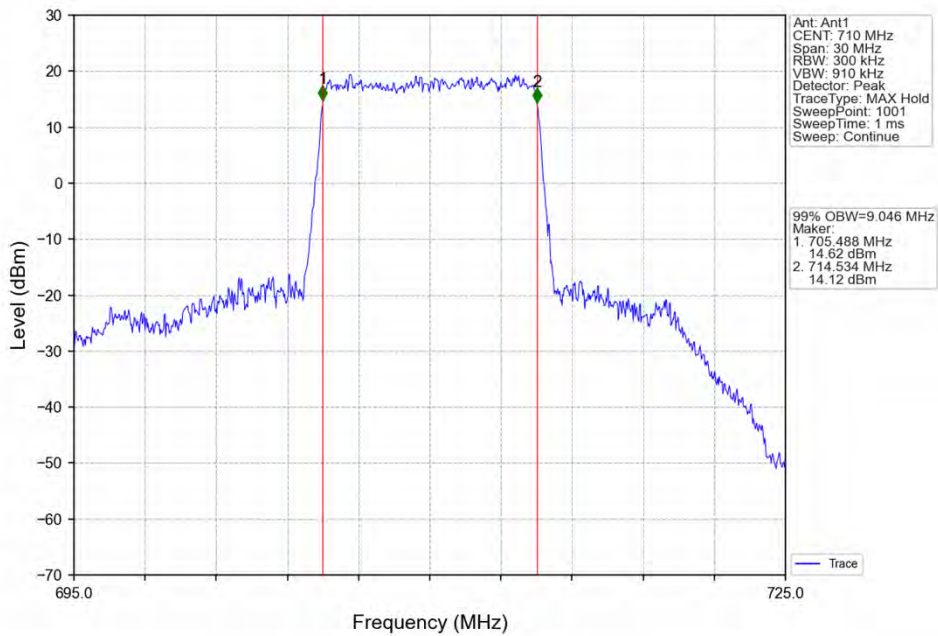
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



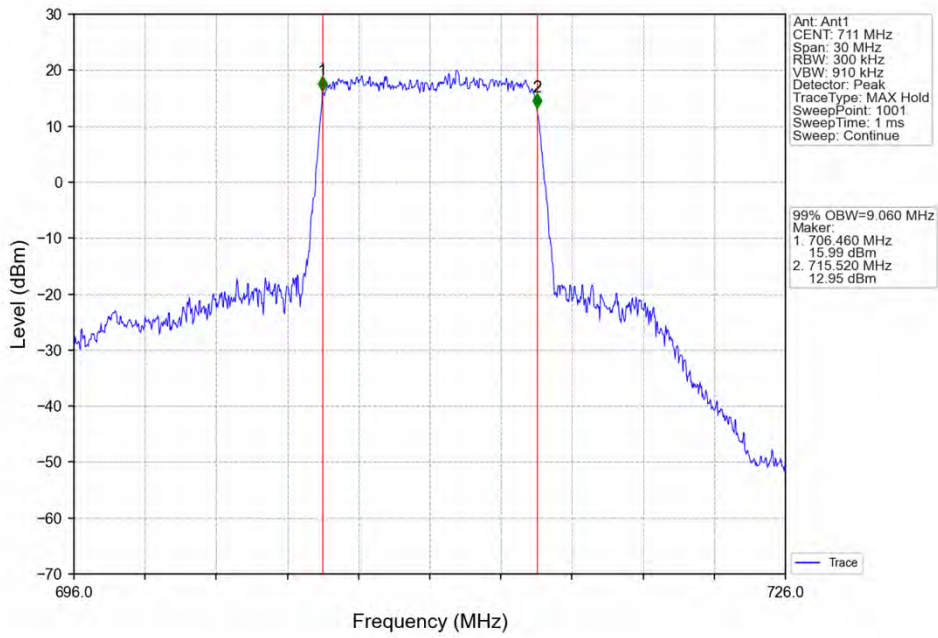
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



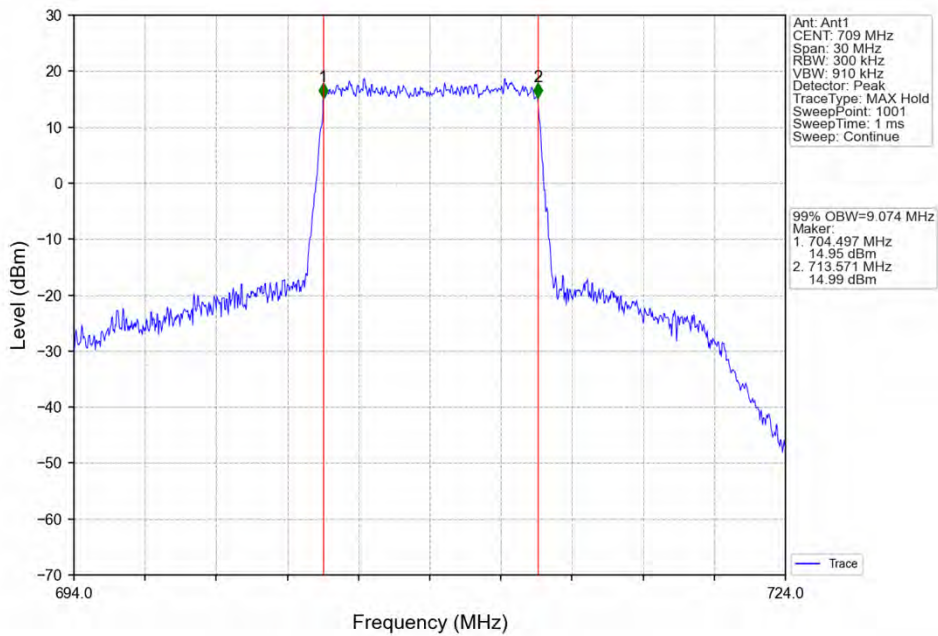
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



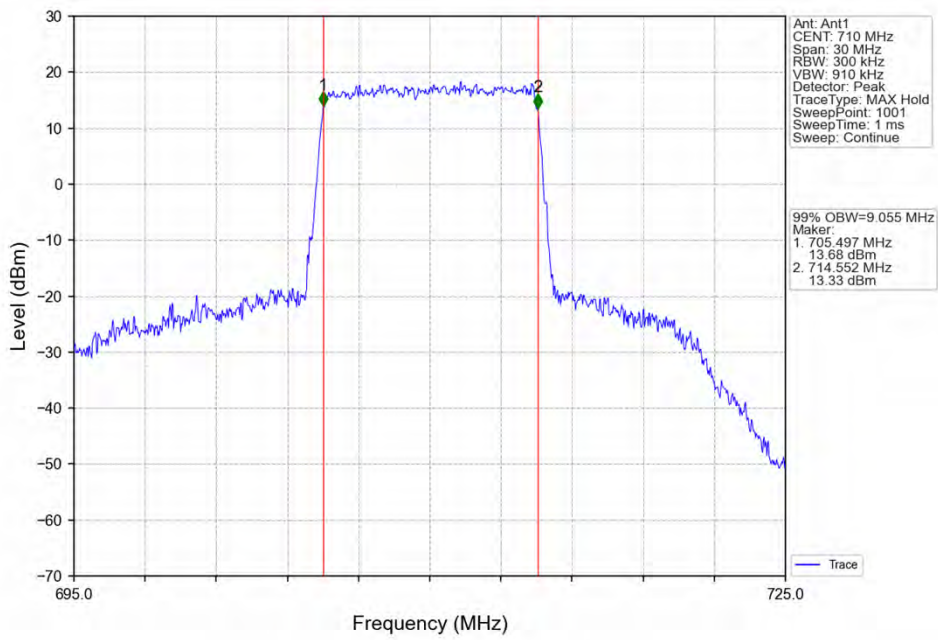
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



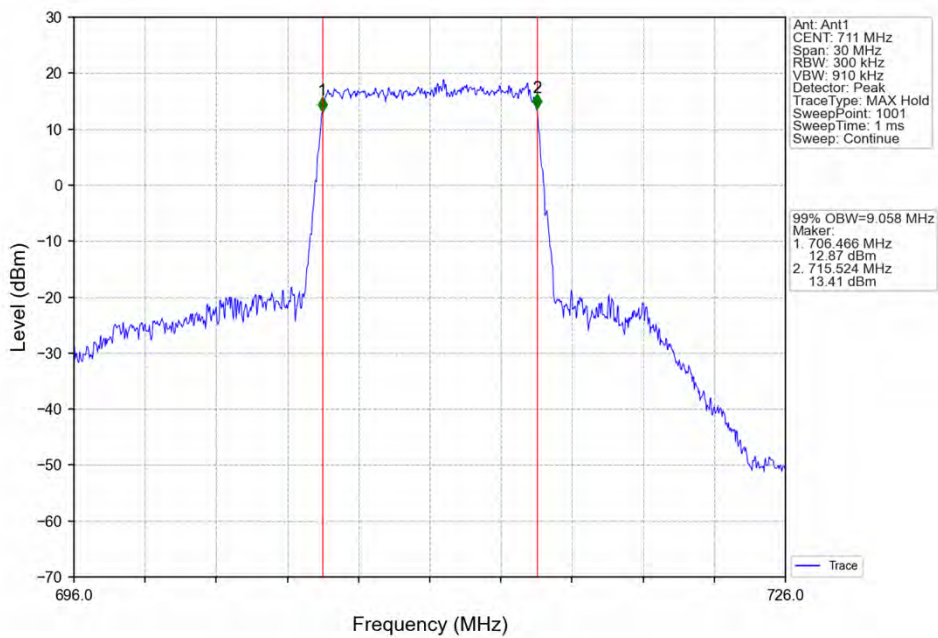
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV

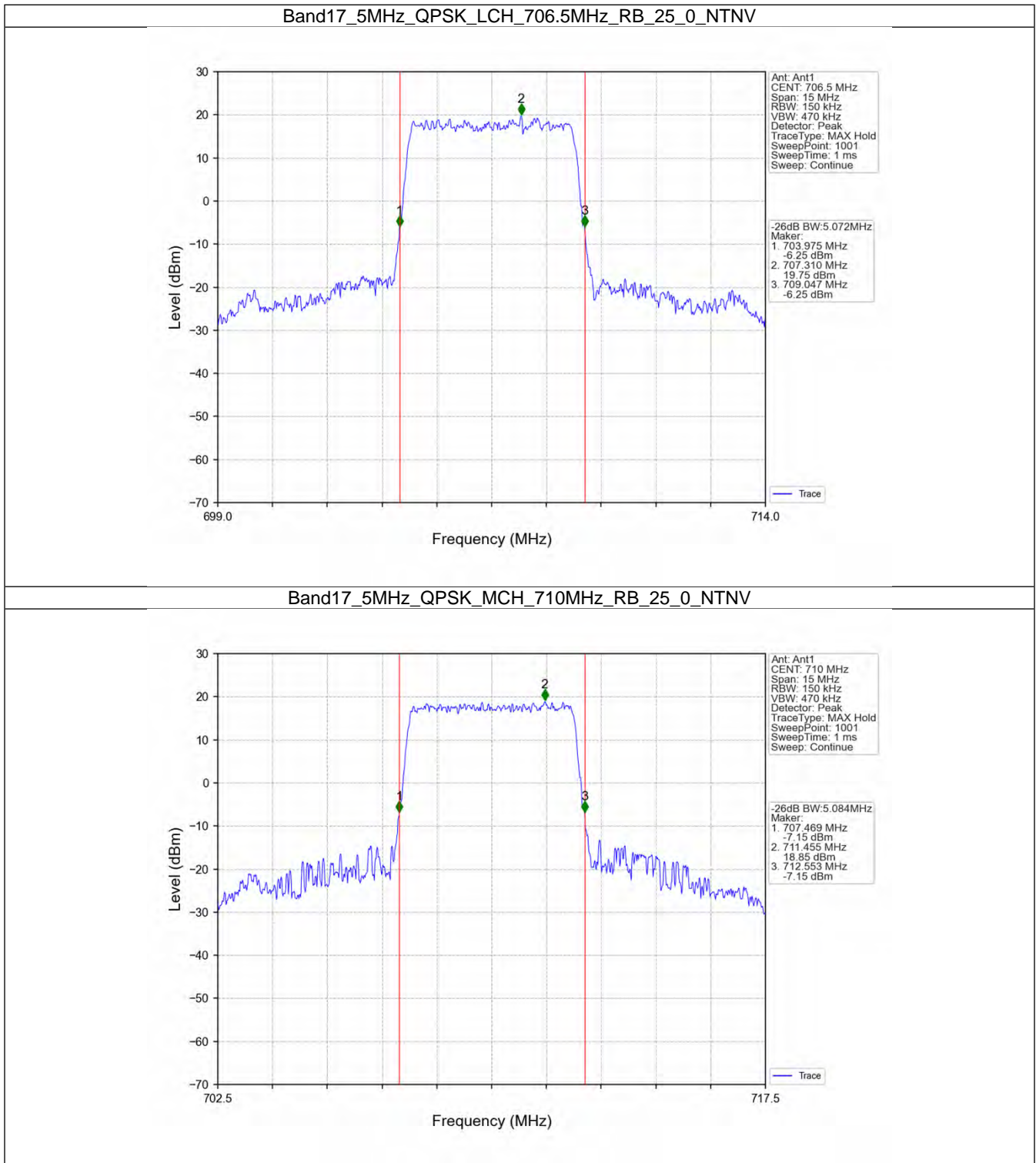


4.2 Band17_XDB

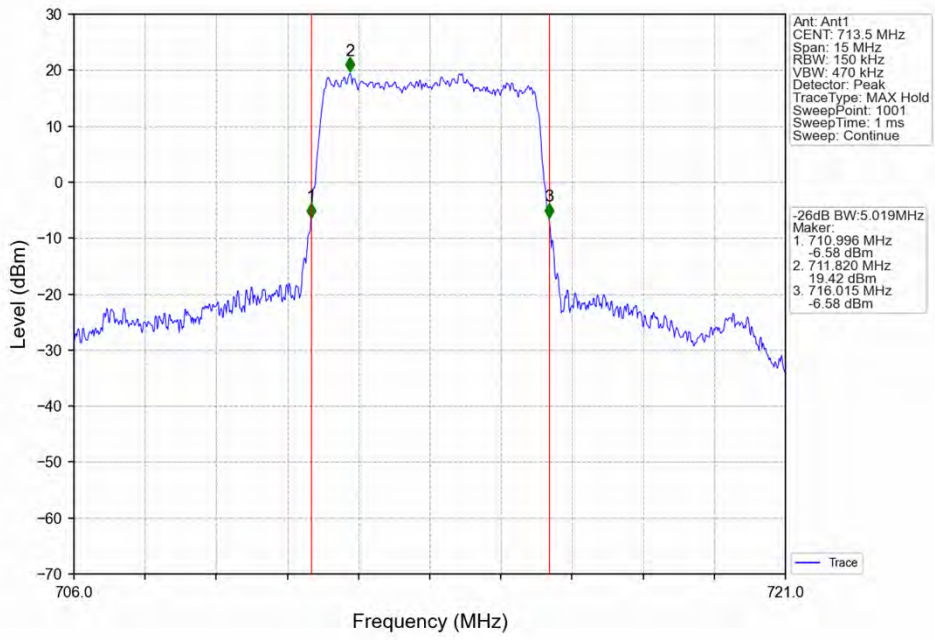
4.2.1 Test Result

Band: 17 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	706.5	25	0	5.072	Pass
		710	25	0	5.084	Pass
		713.5	25	0	5.019	Pass
	16QAM	706.5	25	0	5.044	Pass
		710	25	0	5.067	Pass
		713.5	25	0	5.048	Pass
10	QPSK	709	50	0	10.094	Pass
		710	50	0	9.927	Pass
		711	50	0	9.992	Pass
	16QAM	709	50	0	9.970	Pass
		710	50	0	9.891	Pass
		711	50	0	9.966	Pass

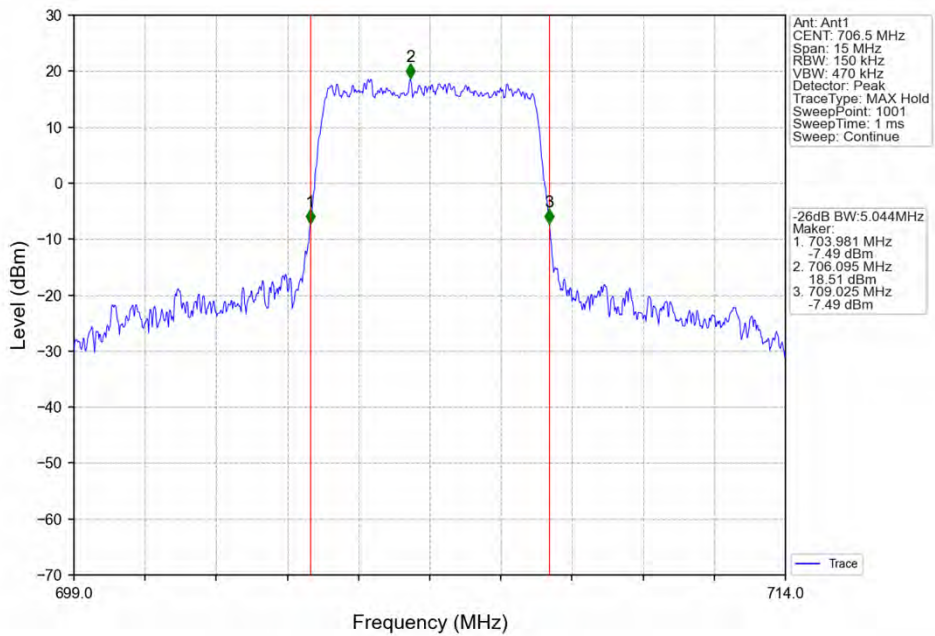
4.2.2 Test Graph



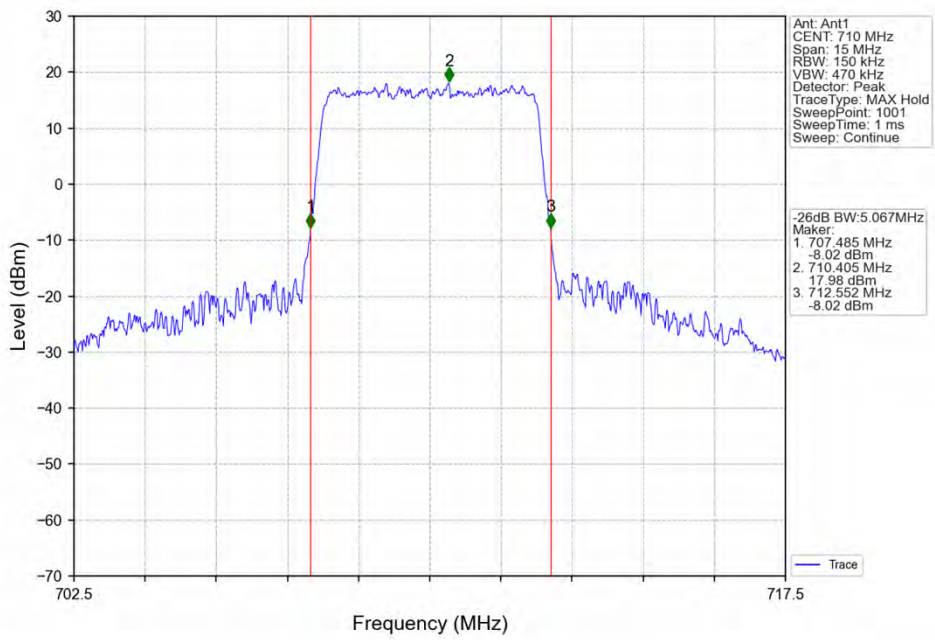
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



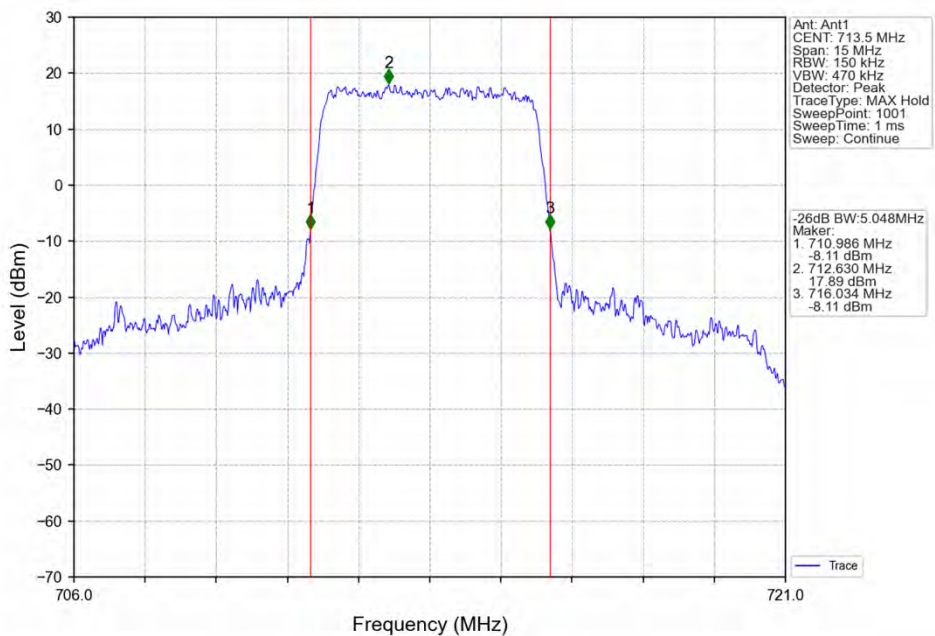
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



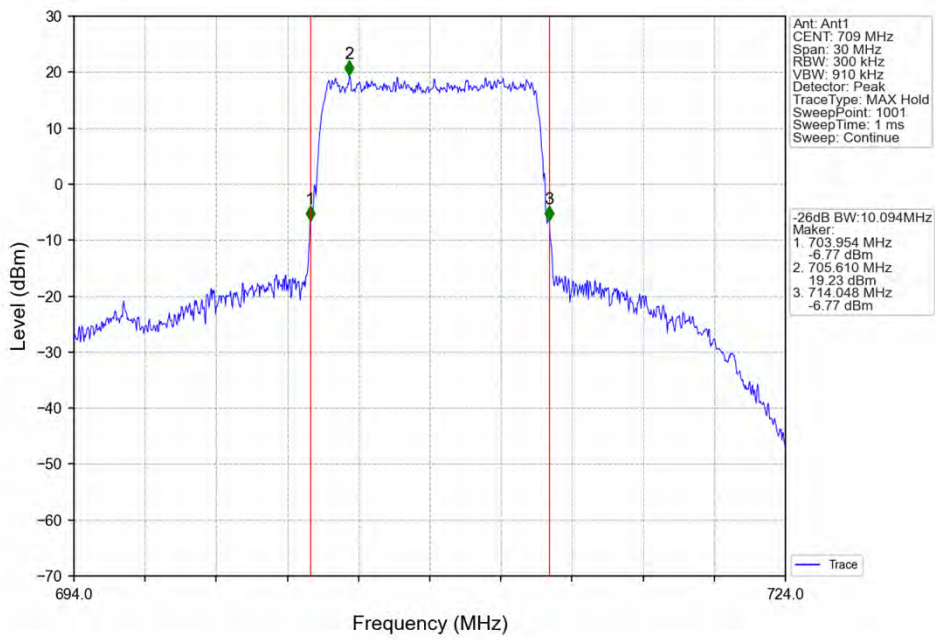
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



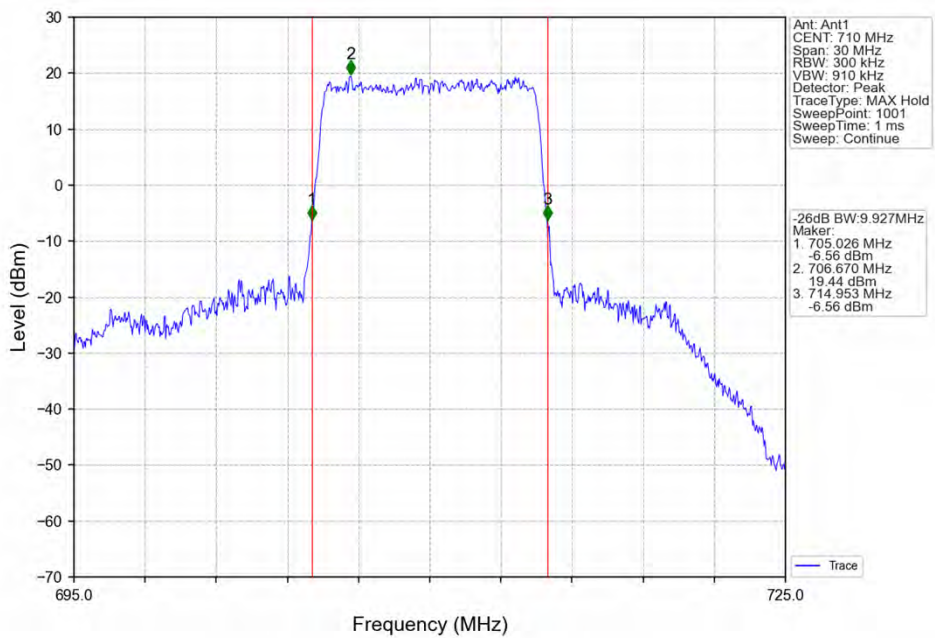
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



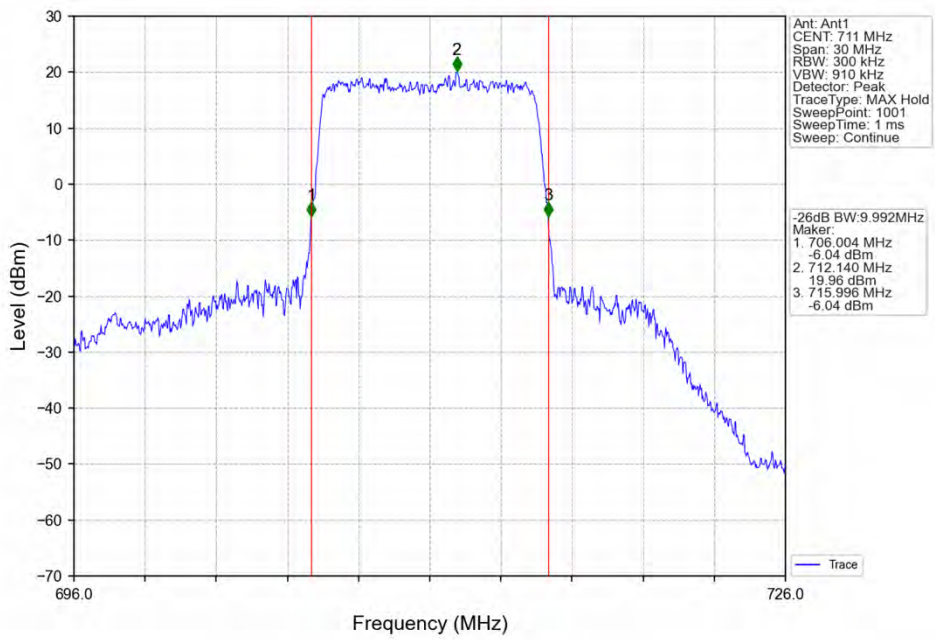
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



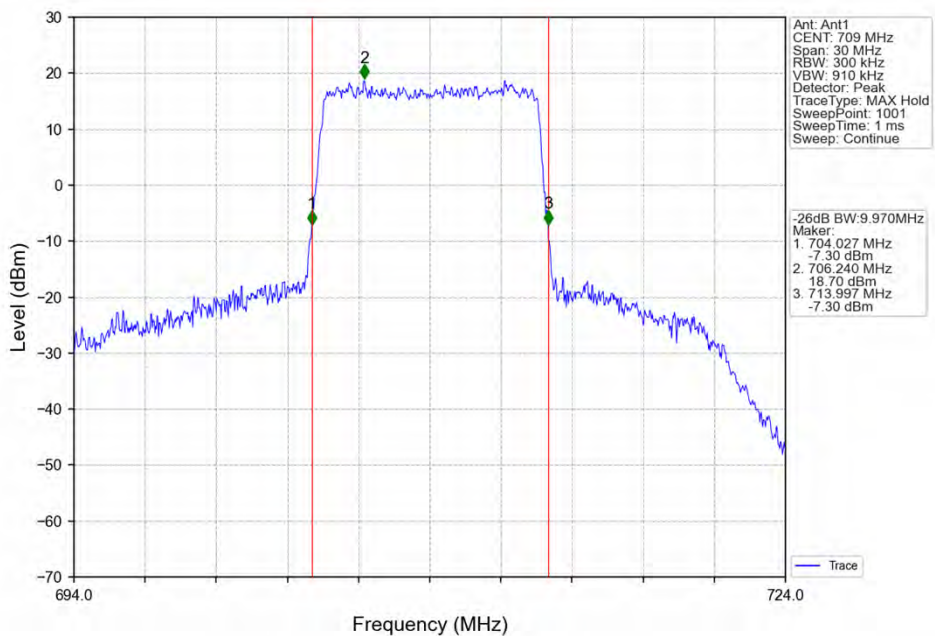
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



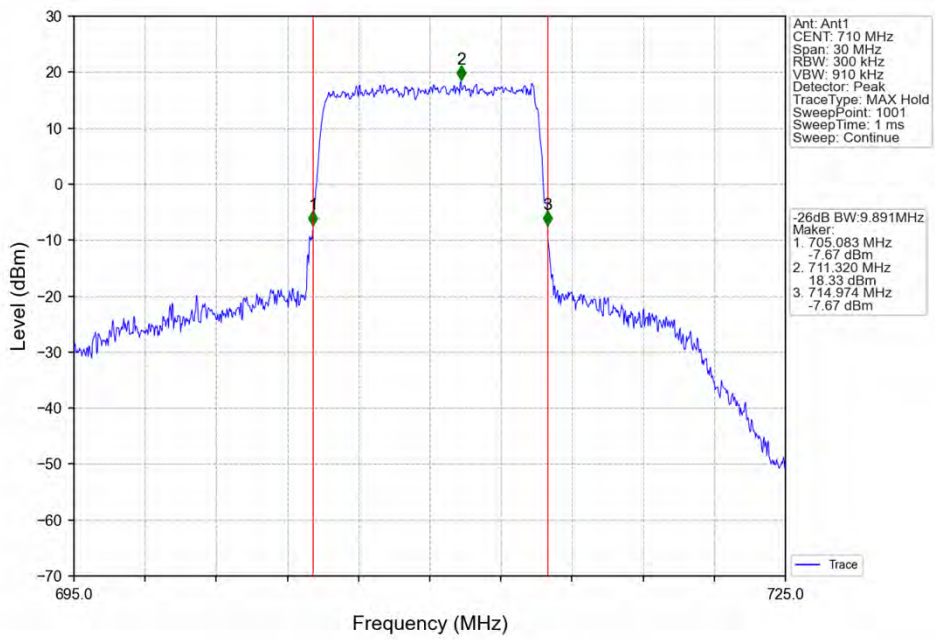
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



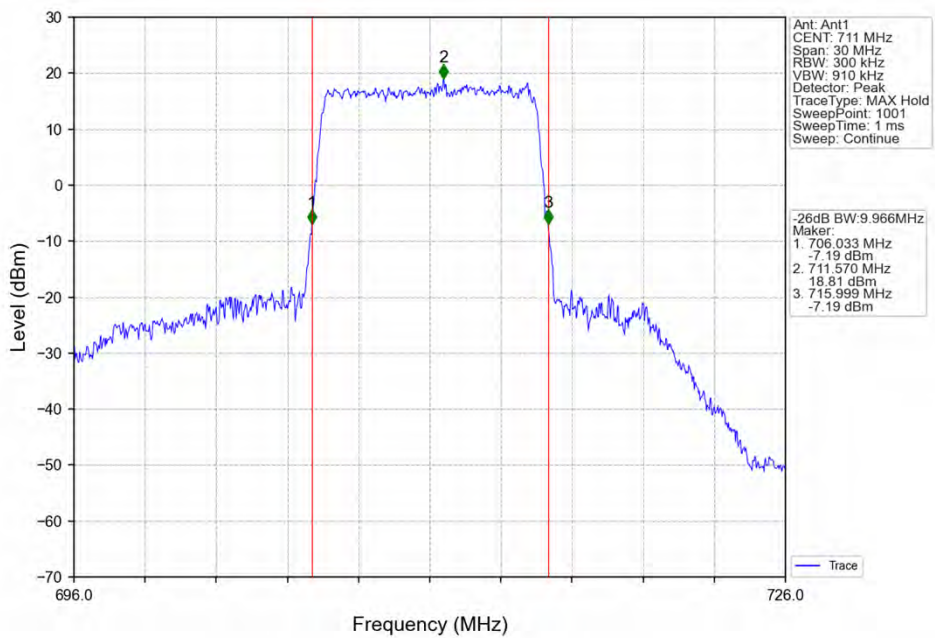
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



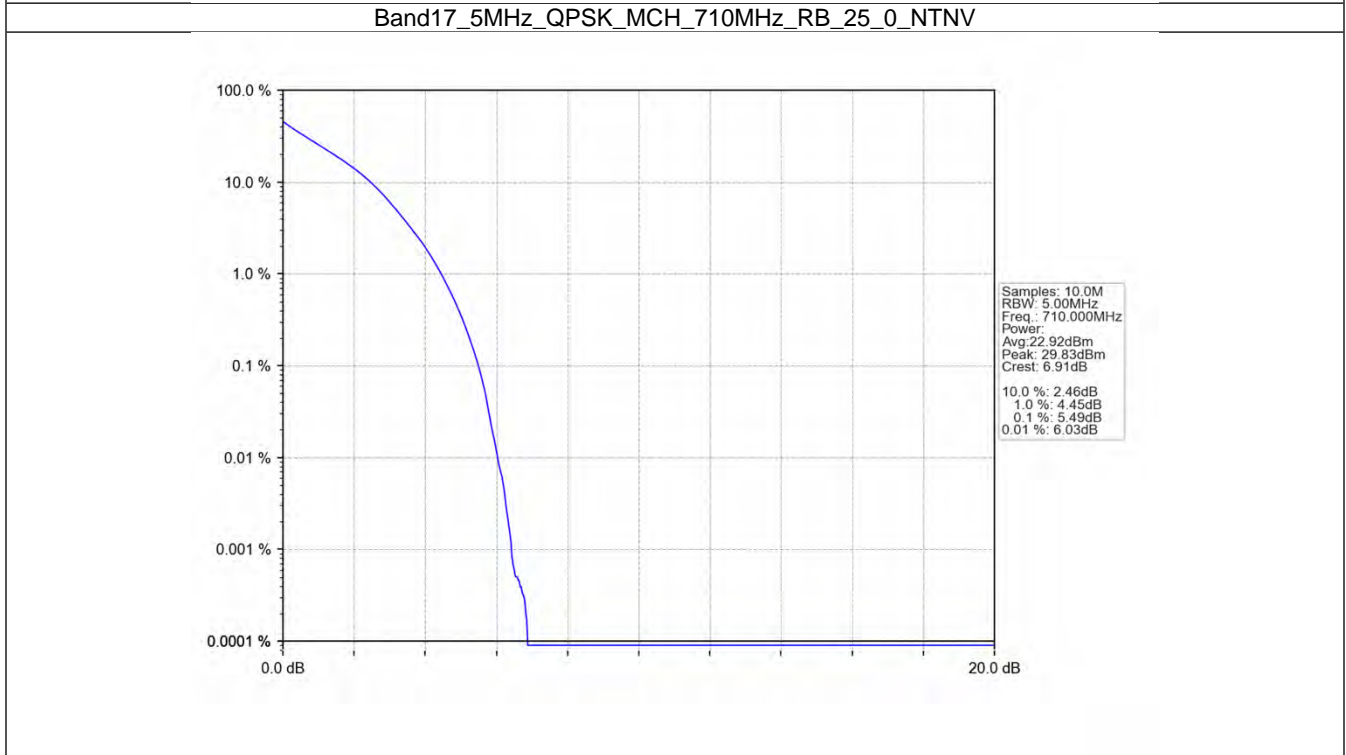
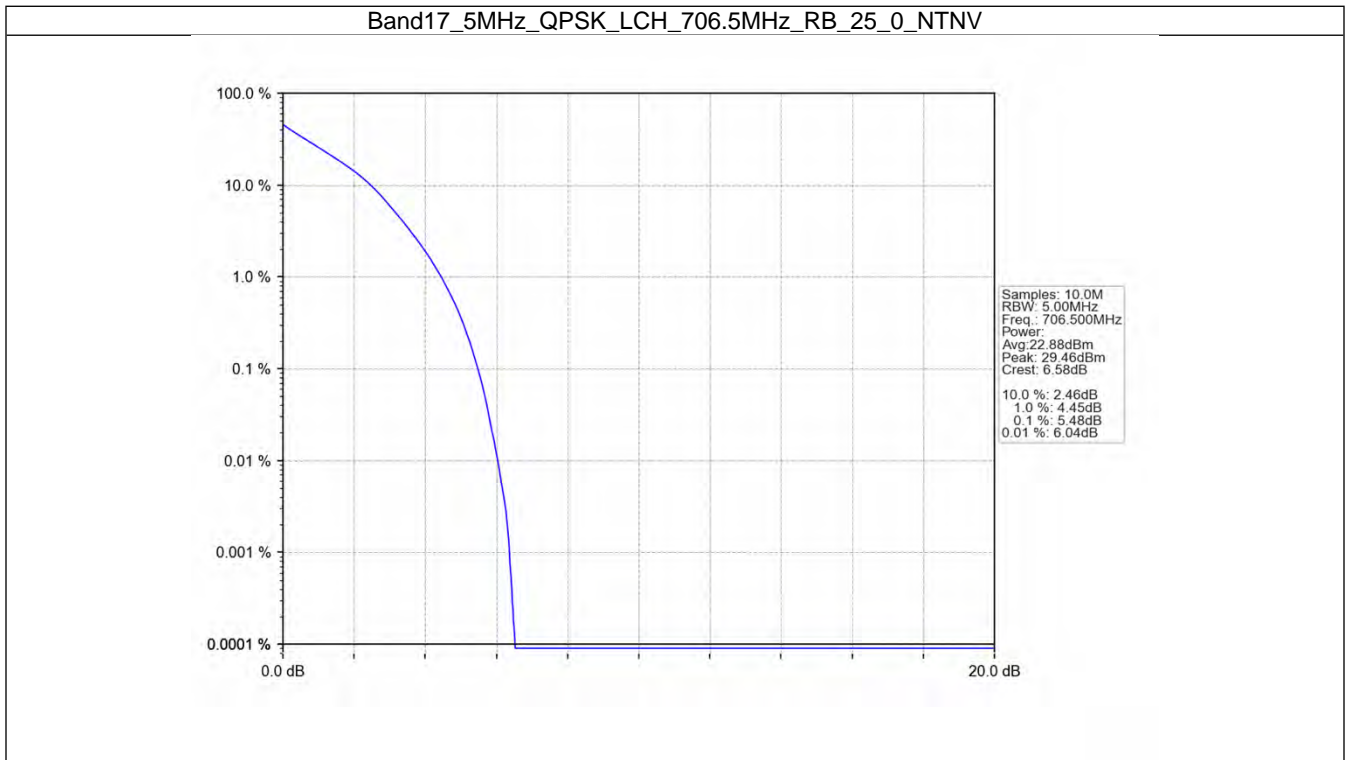
5. Peak-Average Ratio

5.1 B17_5MHz

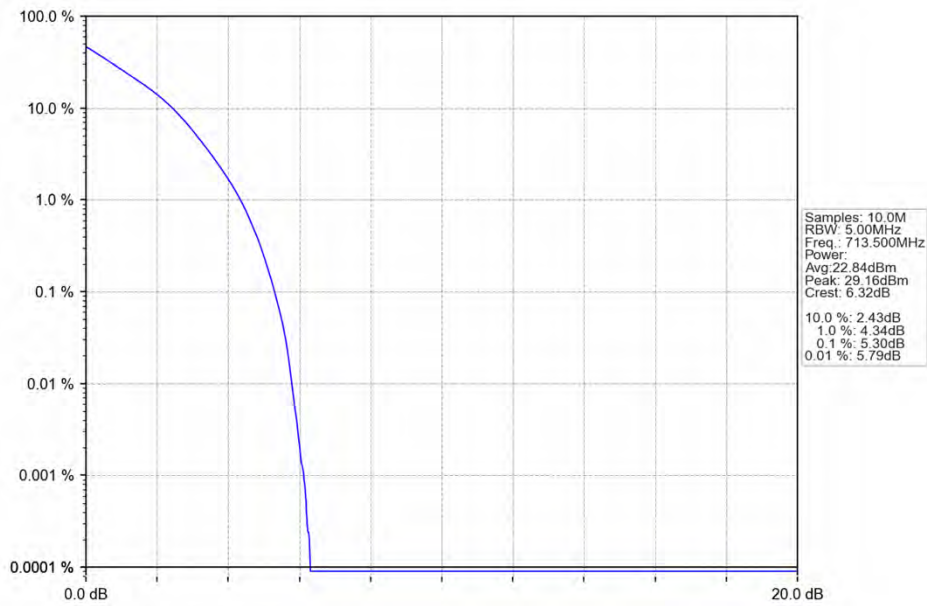
5.1.1 Test Result

Band: 17 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	706.5	25	0	5.48	<=13	Pass
	710	25	0	5.49	<=13	Pass
	713.5	25	0	5.30	<=13	Pass
16QAM	706.5	25	0	6.19	<=13	Pass
	710	25	0	6.21	<=13	Pass
	713.5	25	0	6.06	<=13	Pass

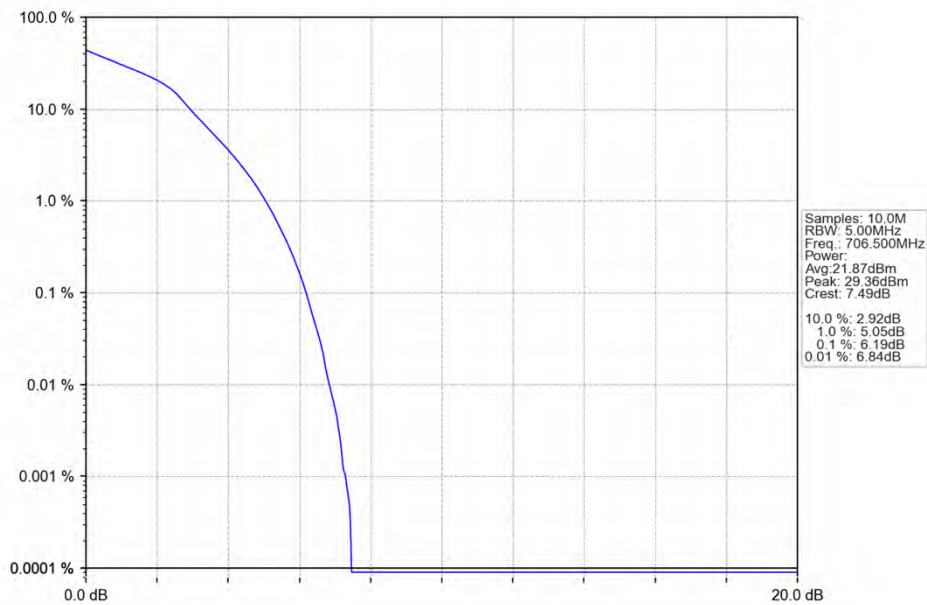
5.1.2 Test Graph



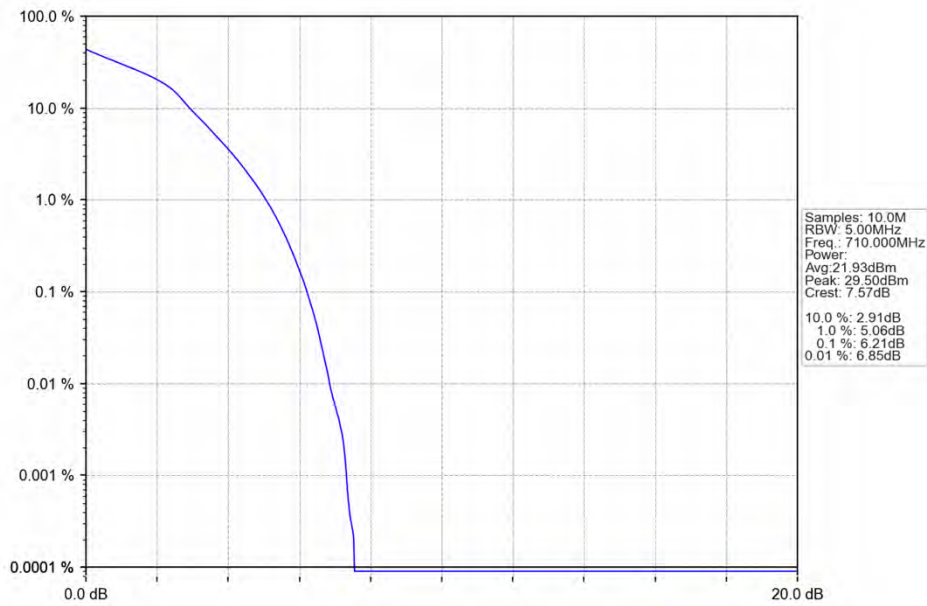
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



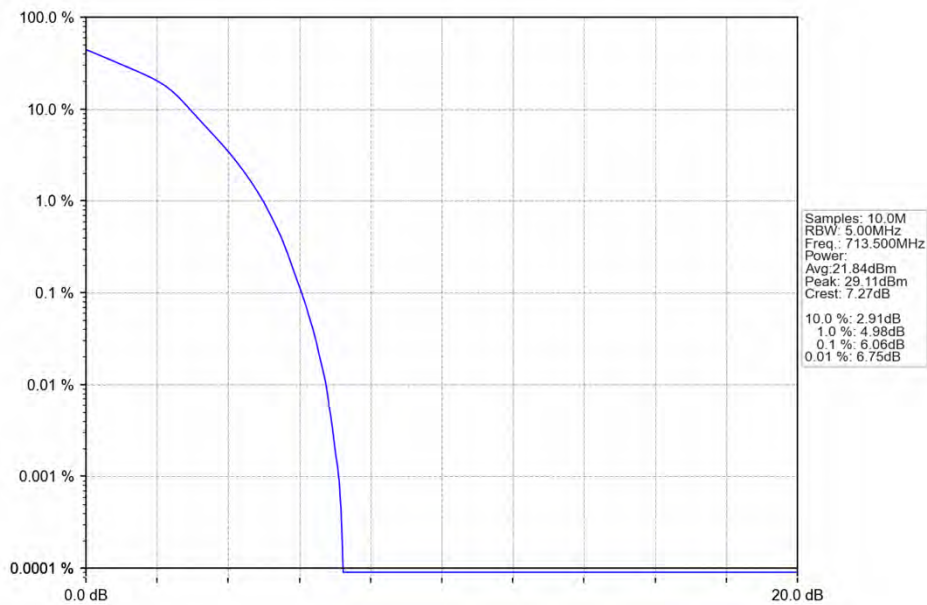
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV

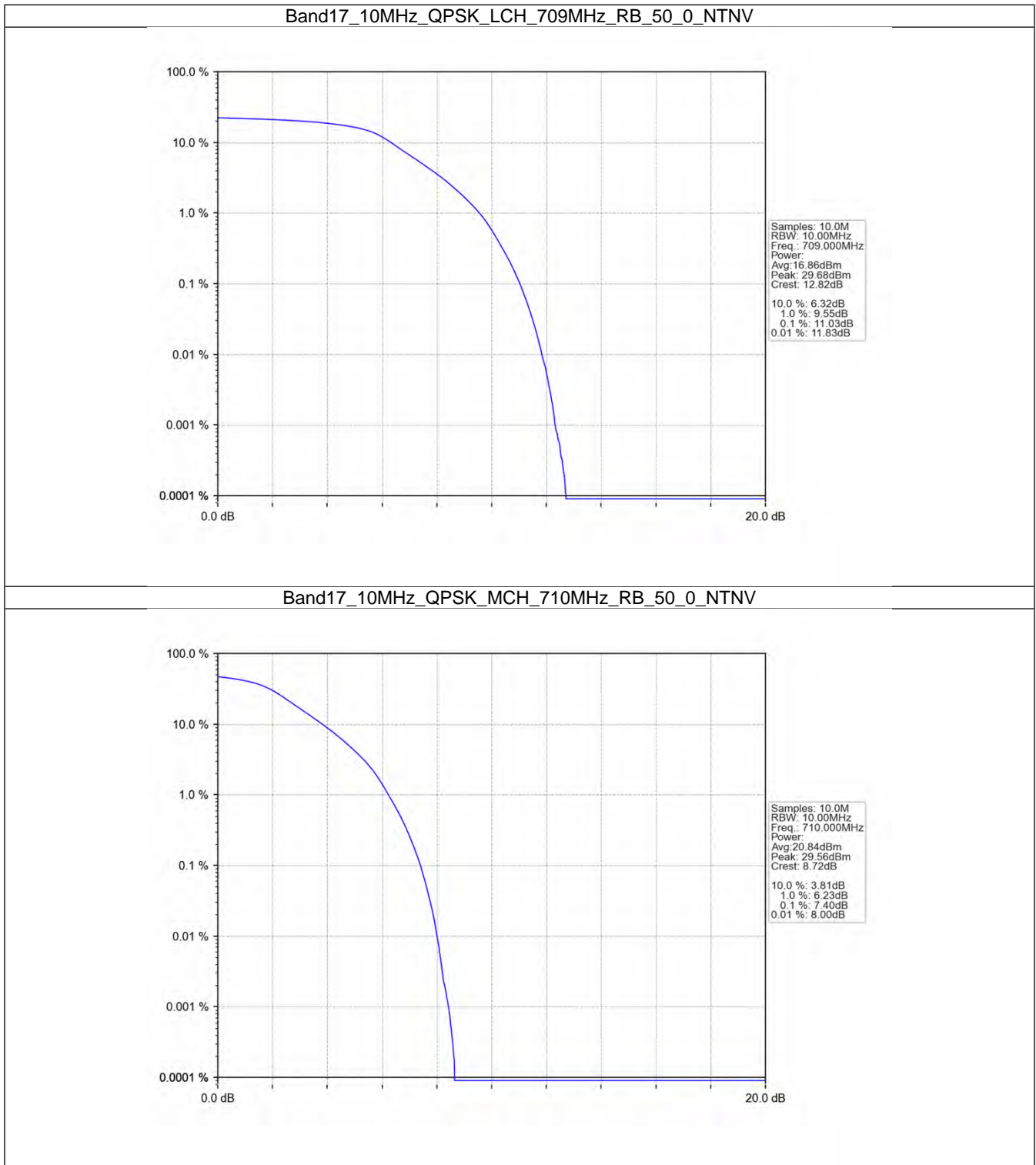


5.2 B17_10MHz

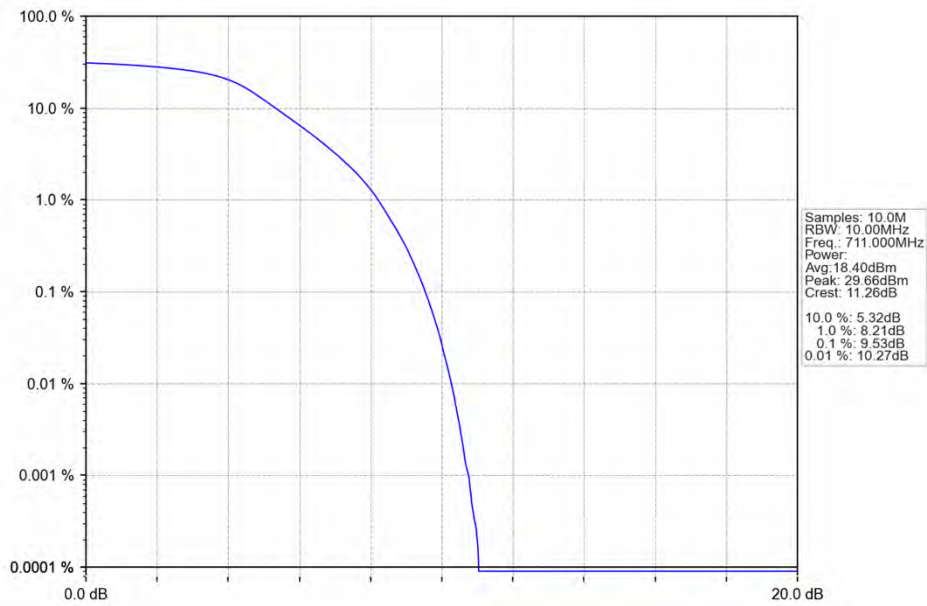
5.2.1 Test Result

Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	709	50	0	11.03	<=13	Pass
	710	50	0	7.40	<=13	Pass
	711	50	0	9.53	<=13	Pass
16QAM	709	50	0	10.31	<=13	Pass
	710	50	0	9.11	<=13	Pass
	711	50	0	9.98	<=13	Pass

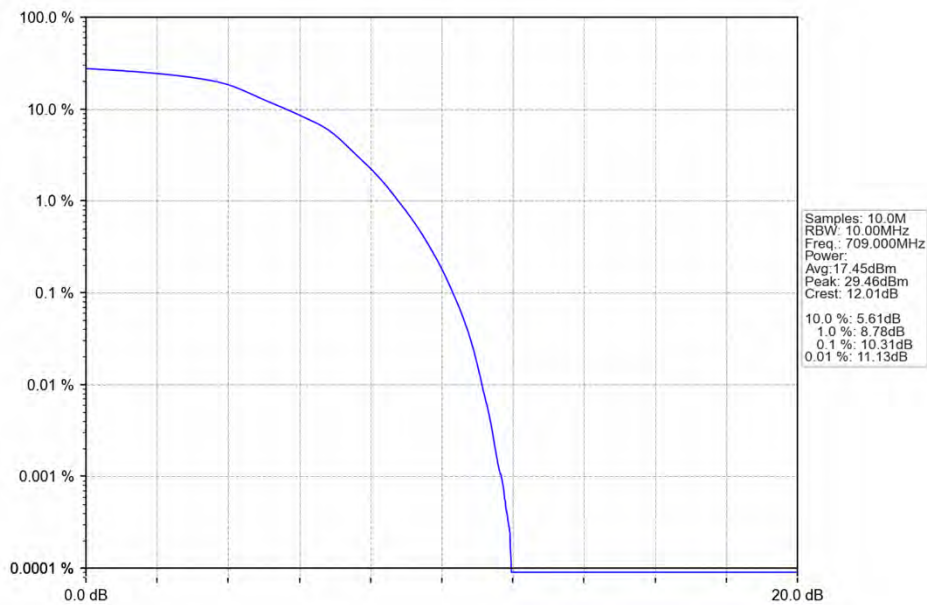
5.2.2 Test Graph



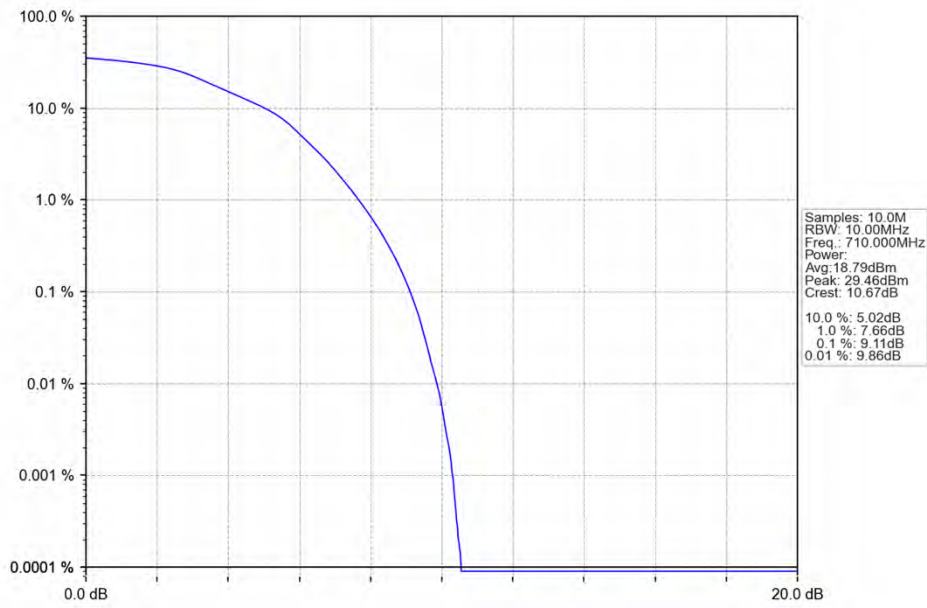
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



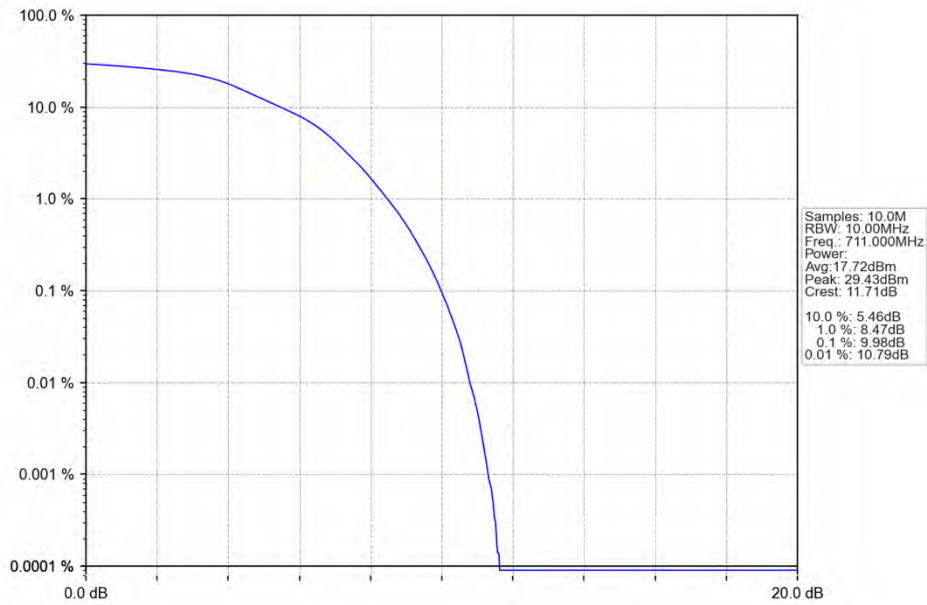
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



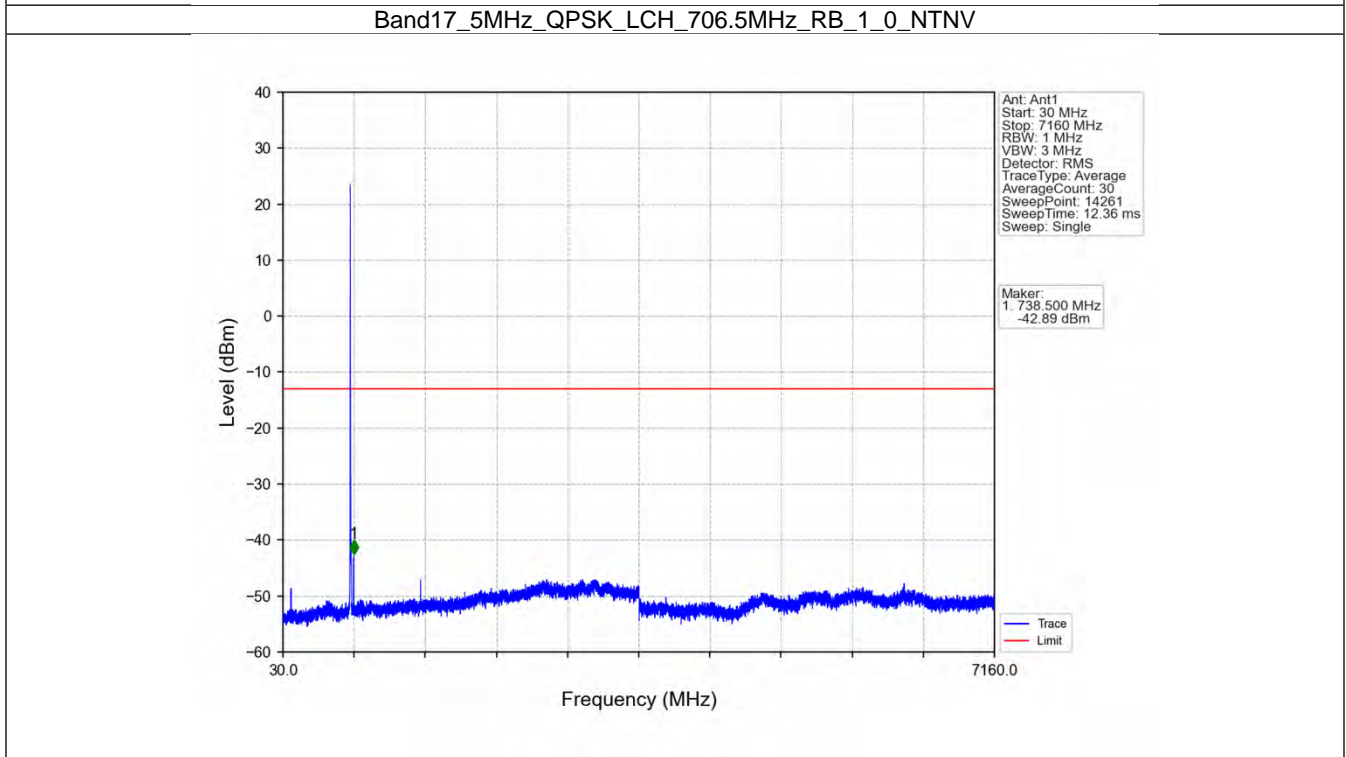
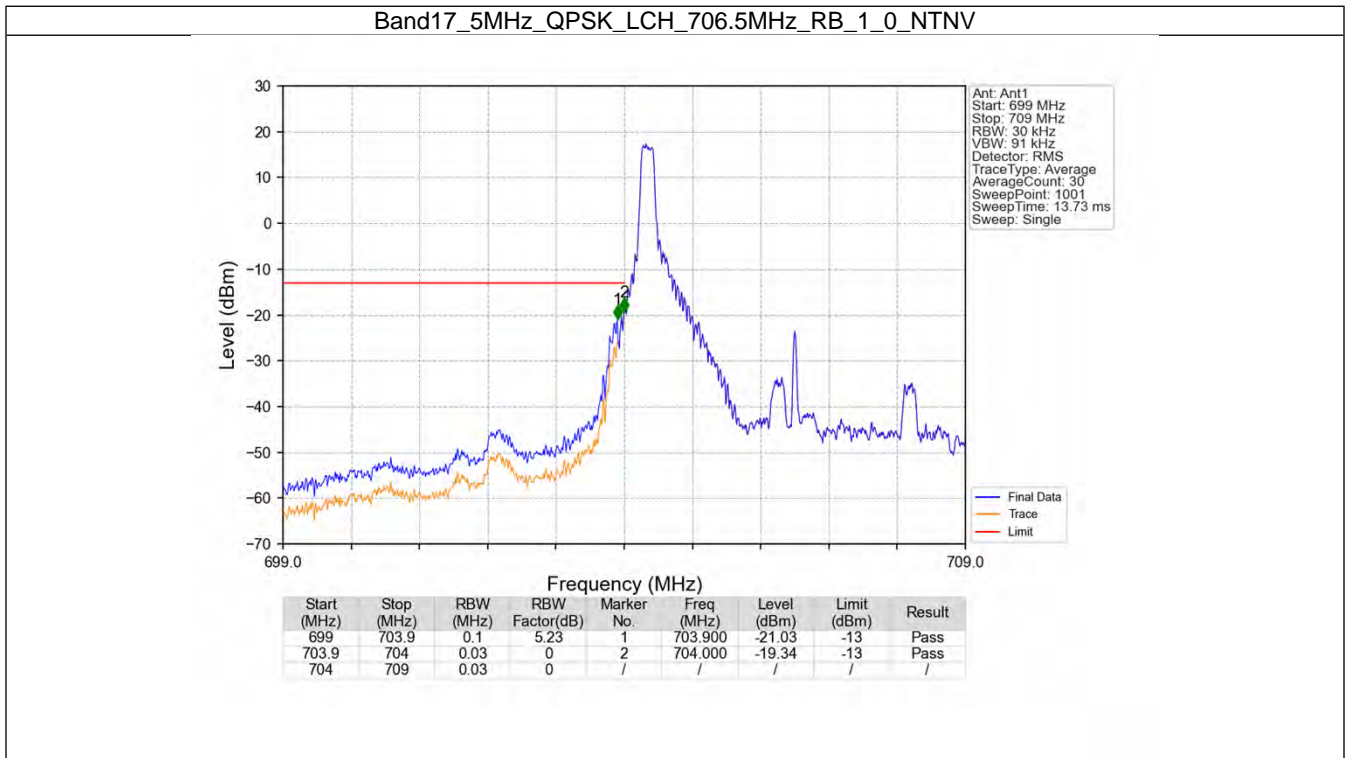
6. Spurious Emission

6.1 B17_5MHz

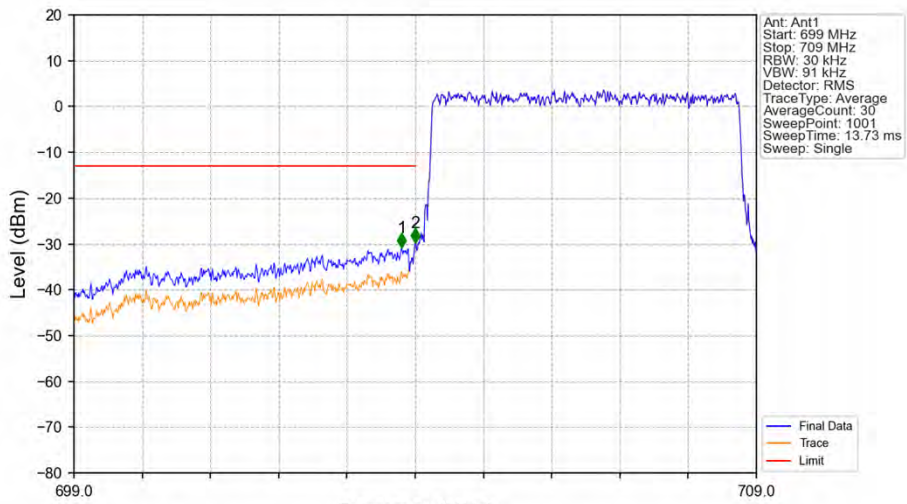
6.1.1 Test Result

Band: 17 / Bandwidth: 5MHz / NTV						
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
	713.5	1	0	Refer To Test Graph		Pass
		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
	713.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

6.1.2 Test Graph

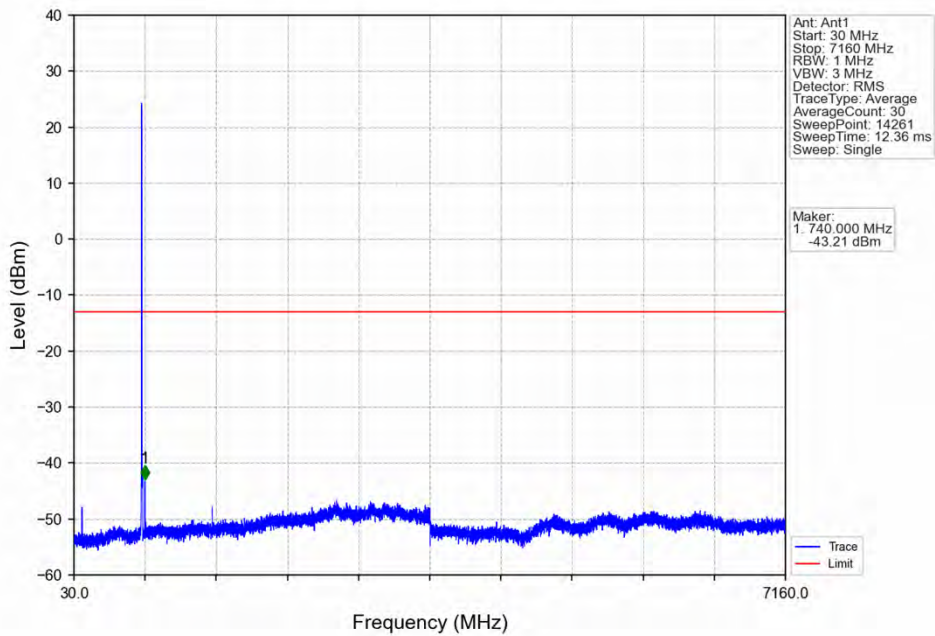


Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV

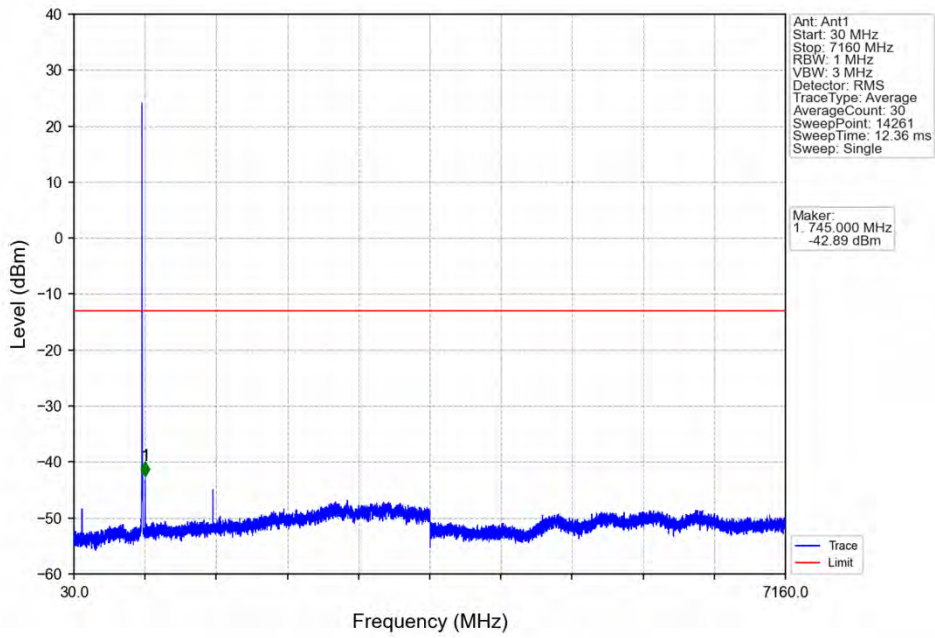


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	5.23	1	703.800	-30.86	-13	Pass
703.9	704	0.03	0	2	704.000	-29.72	-13	Pass
704	709	0.03	0	/	/	/	/	/

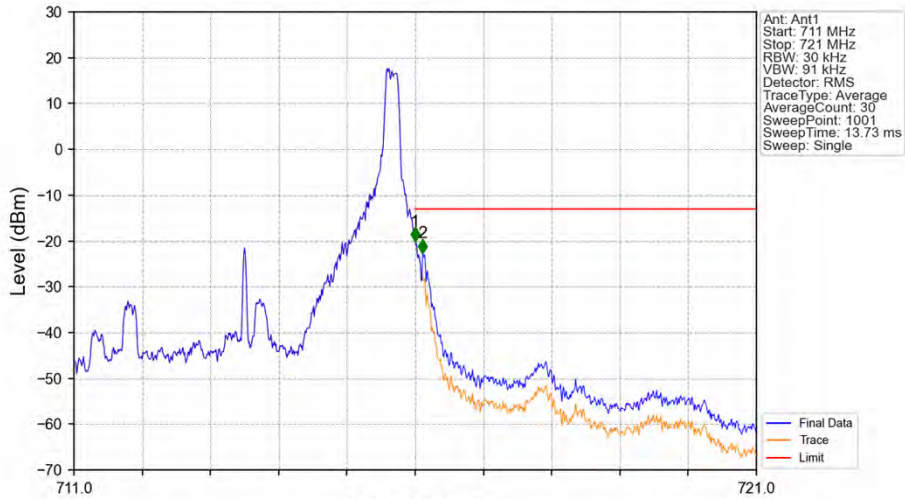
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV

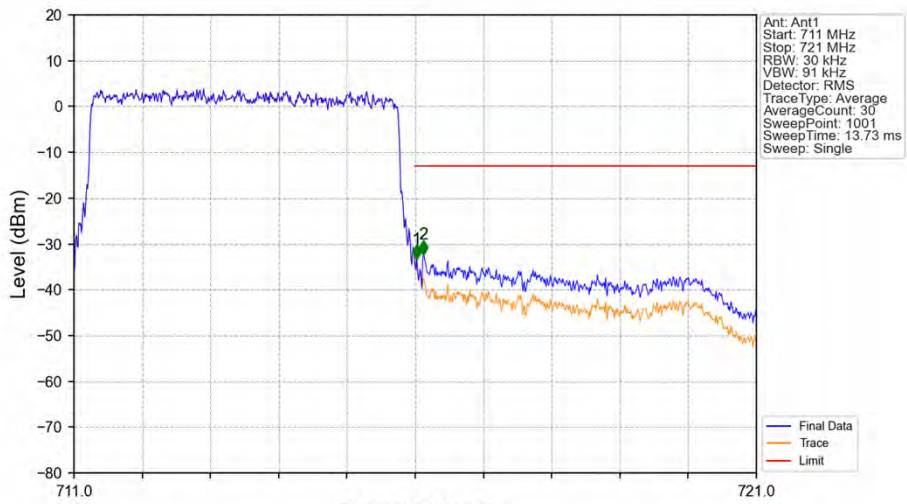


Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV



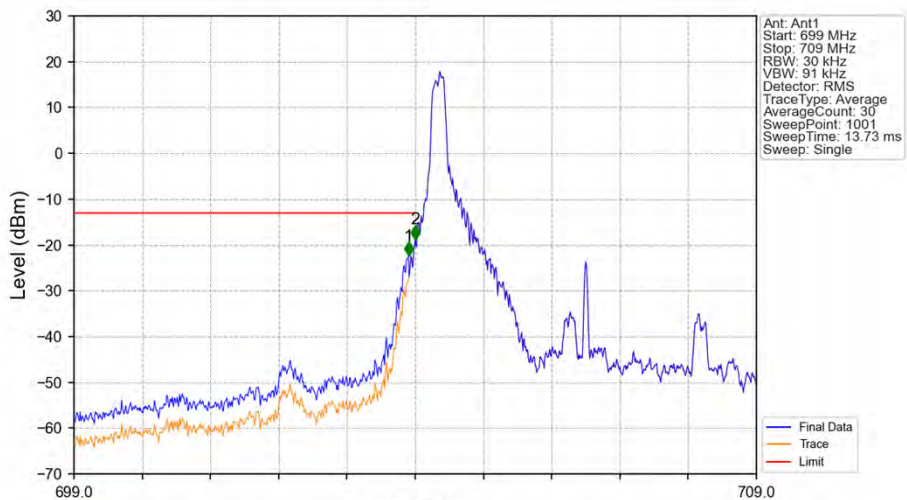
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	0	/	/	/	/	/
716	716.1	0.03	0	1	716.000	-20.04	-13	Pass
716.1	721	0.1	5.23	2	716.110	-22.66	-13	Pass

Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



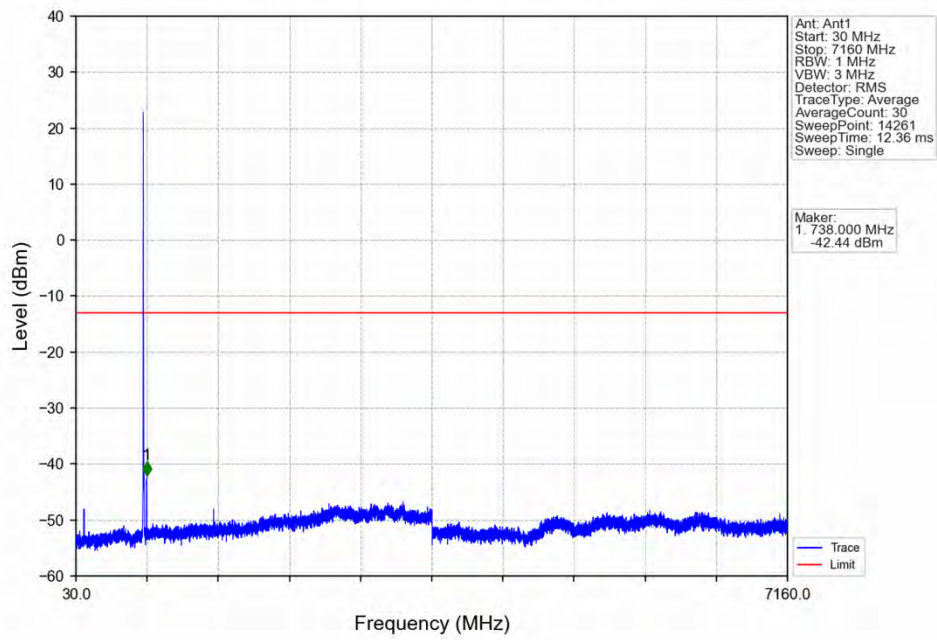
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	0	/	/	/	/	/
716	716.1	0.03	0	1	716.020	-33.24	-13	Pass
716.1	721	0.1	5.23	2	716.120	-32.29	-13	Pass

Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV

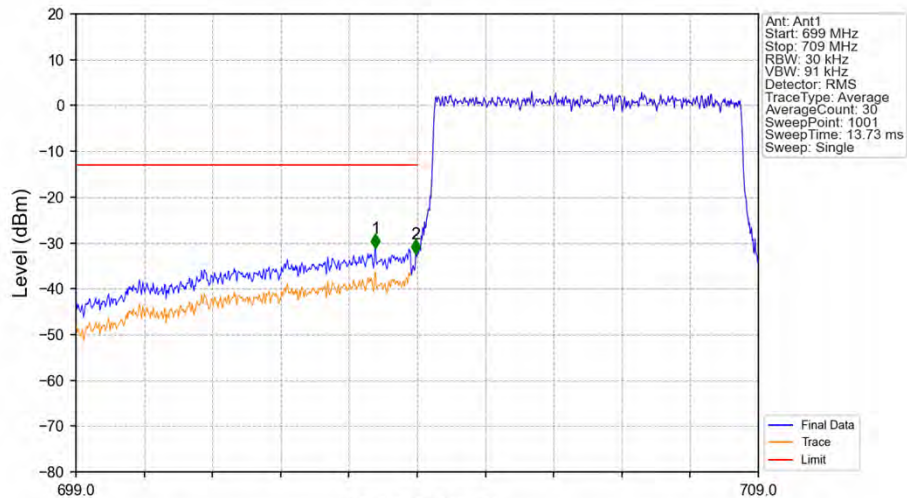


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	5.23	1	703.900	-22.43	-13	Pass
703.9	704	0.03	0	2	704.000	-18.78	-13	Pass
704	709	0.03	0	/	/	/	/	/

Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV

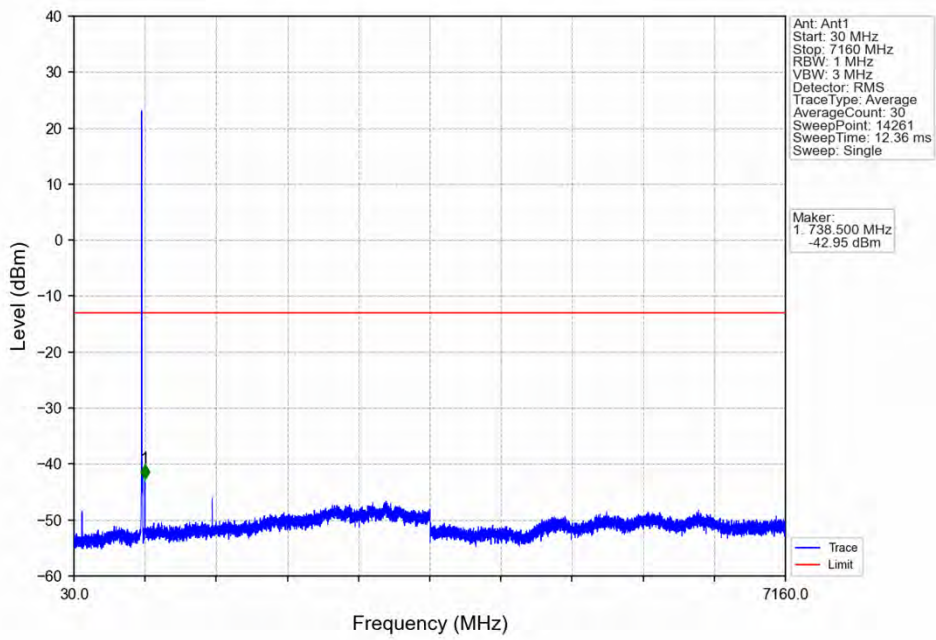


Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV

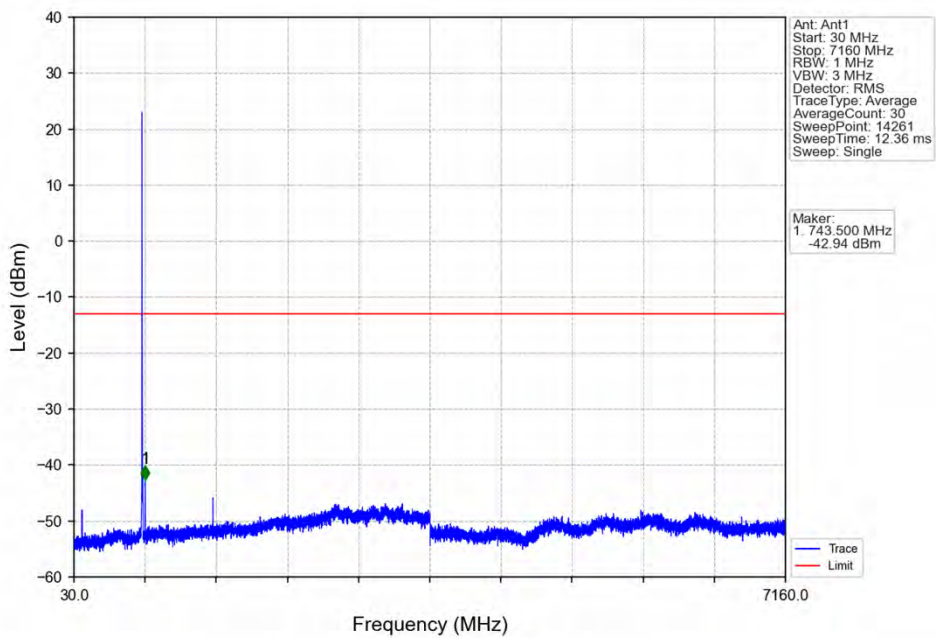


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	5.23	1	703.390	-31.10	-13	Pass
703.9	704	0.03	0	2	703.980	-32.38	-13	Pass
704	709	0.03	0	/	/	/	/	/

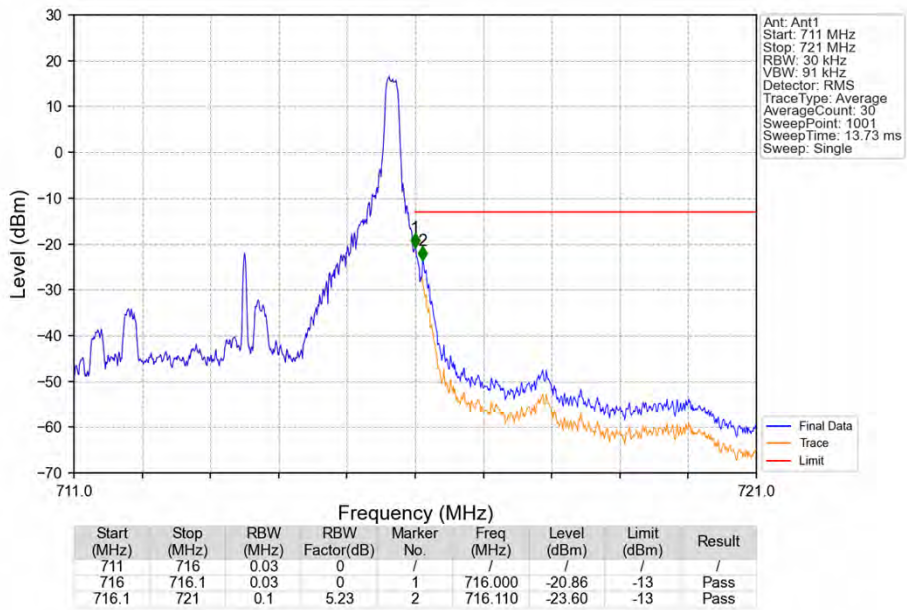
Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



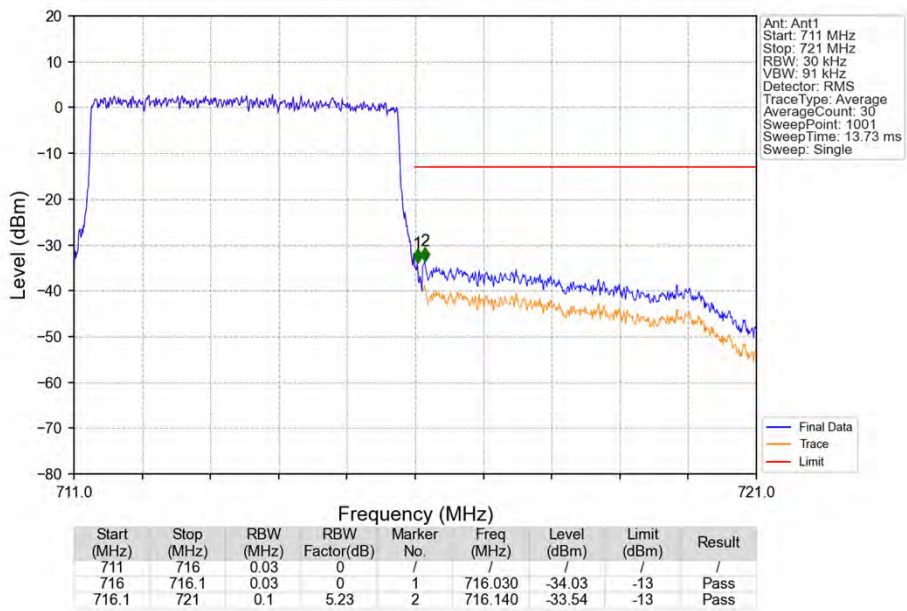
Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_24_NTNV



Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV

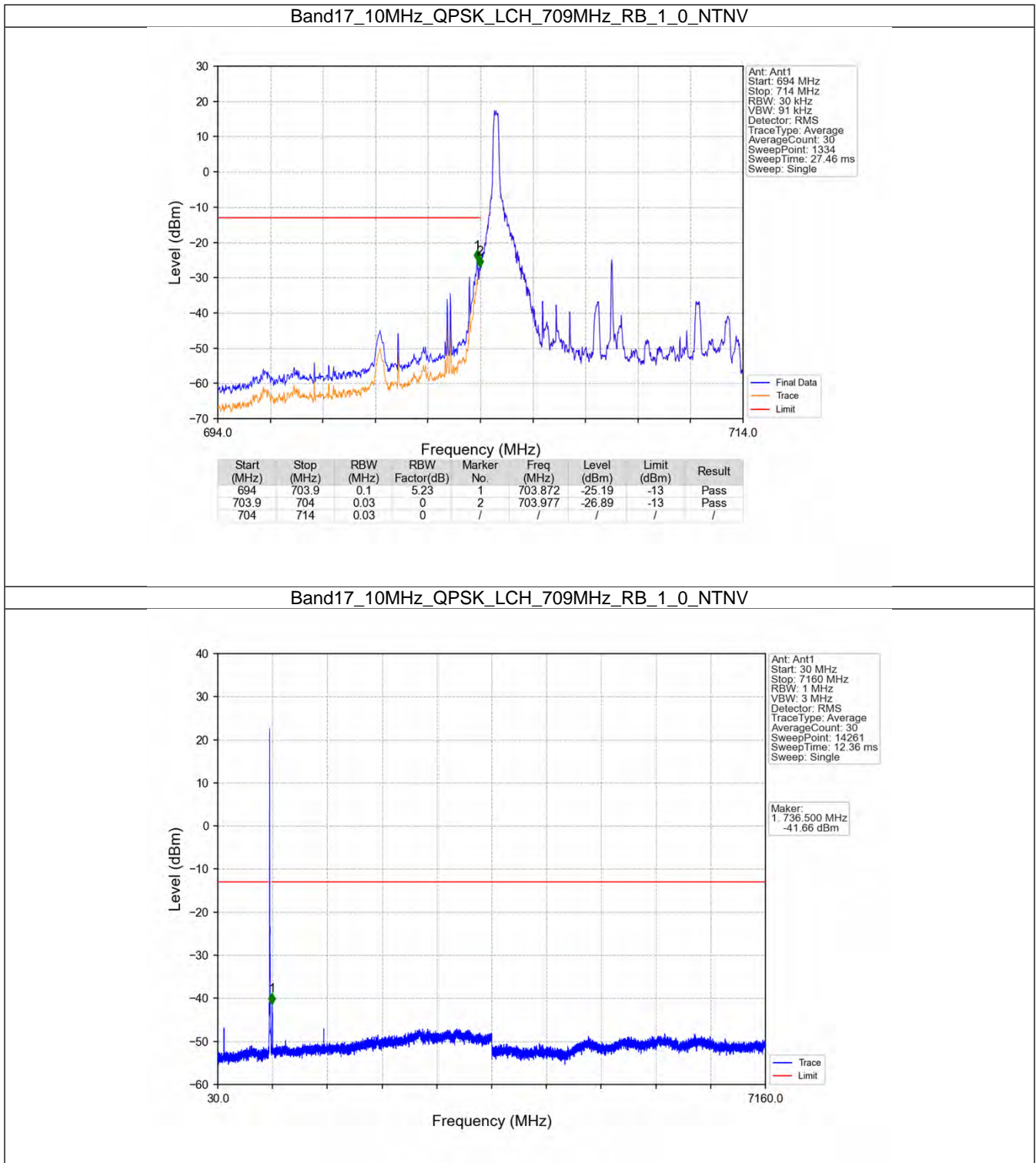


6.2 B17_10MHz

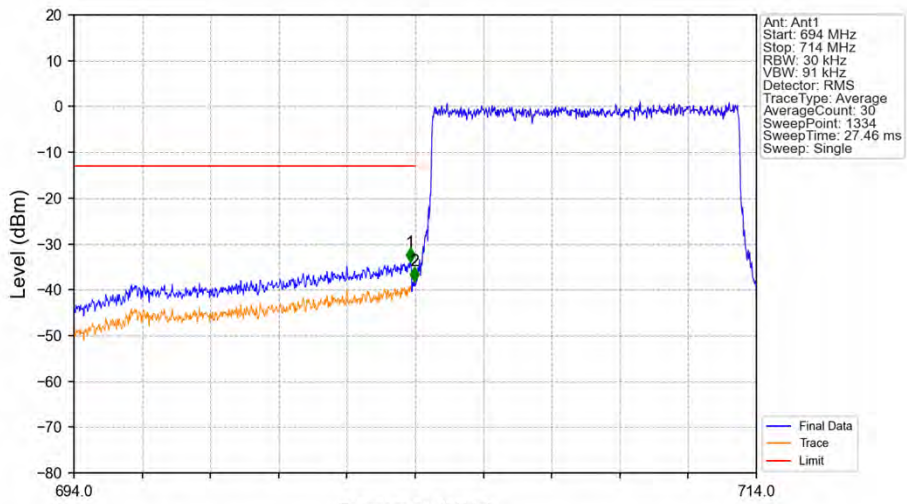
6.2.1 Test Result

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

6.2.2 Test Graph

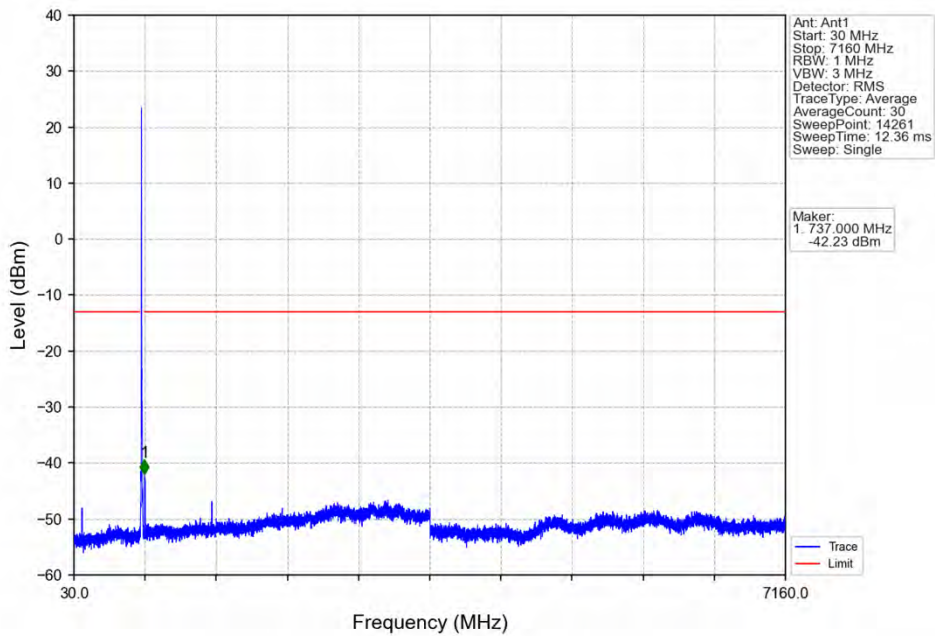


Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV

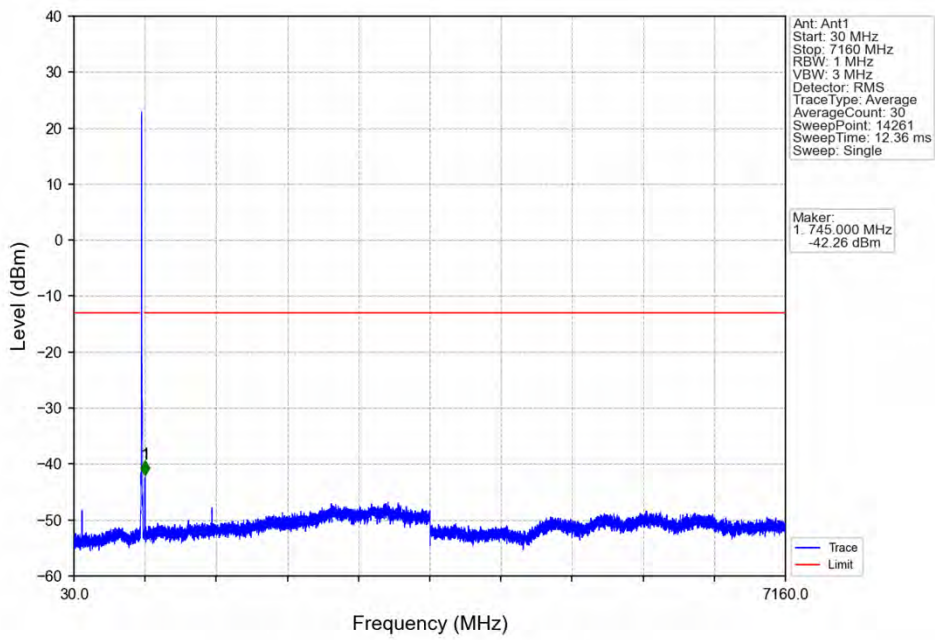


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	5.23	1	703.857	-34.00	-13	Pass
703.9	704	0.03	0	2	703.977	-38.13	-13	Pass
704	714	0.03	0	/	/	/	/	/

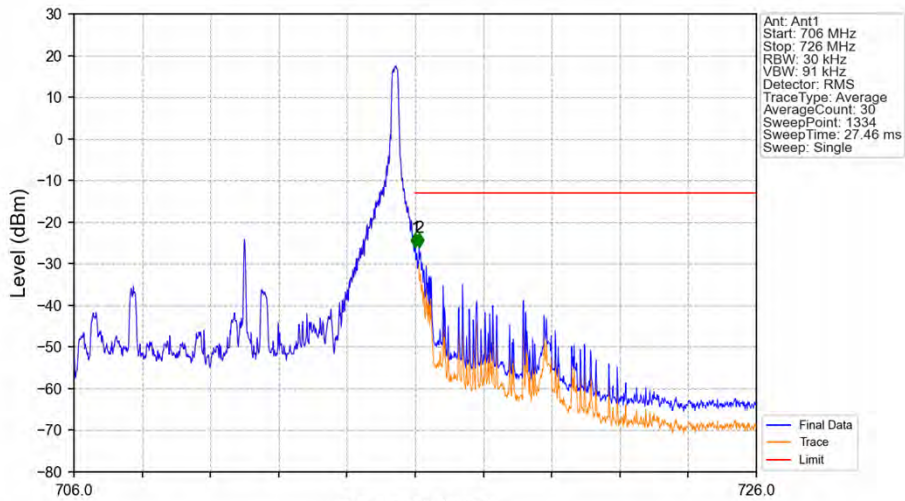
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV

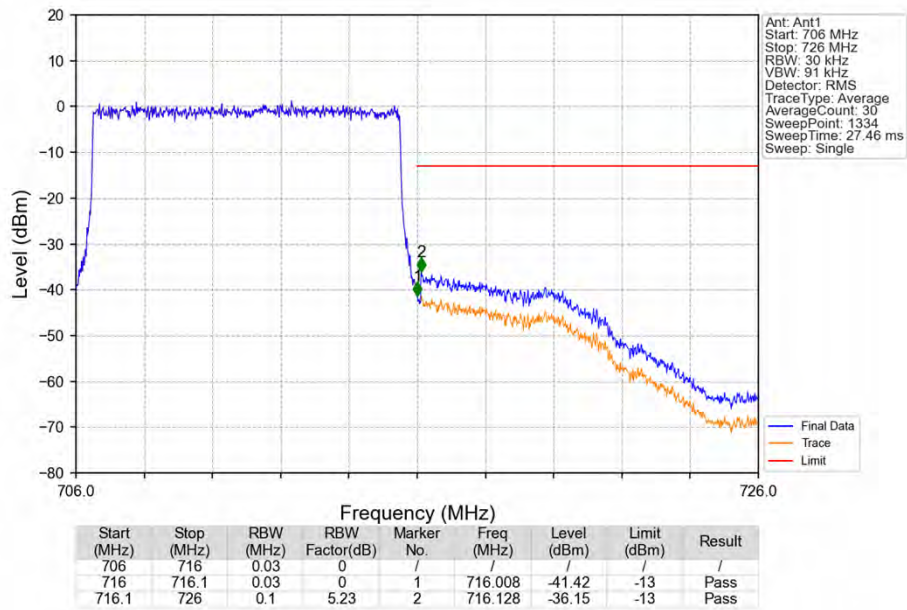


Band17_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV

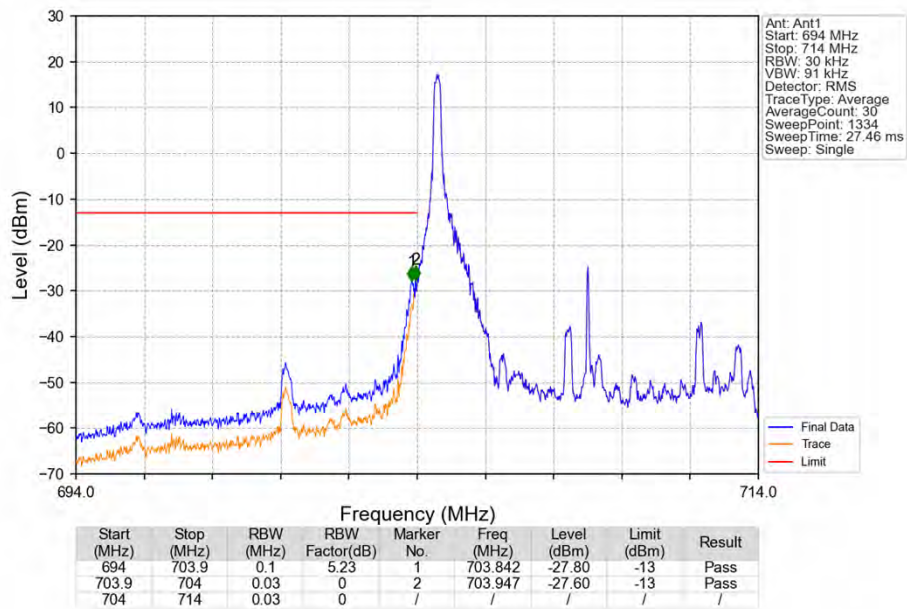


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	0	1	716.008	-26.11	-13	Pass
716	716.1	0.03	0	1	716.008	-26.11	-13	Pass
716.1	726	0.1	5.23	2	716.113	-26.16	-13	Pass

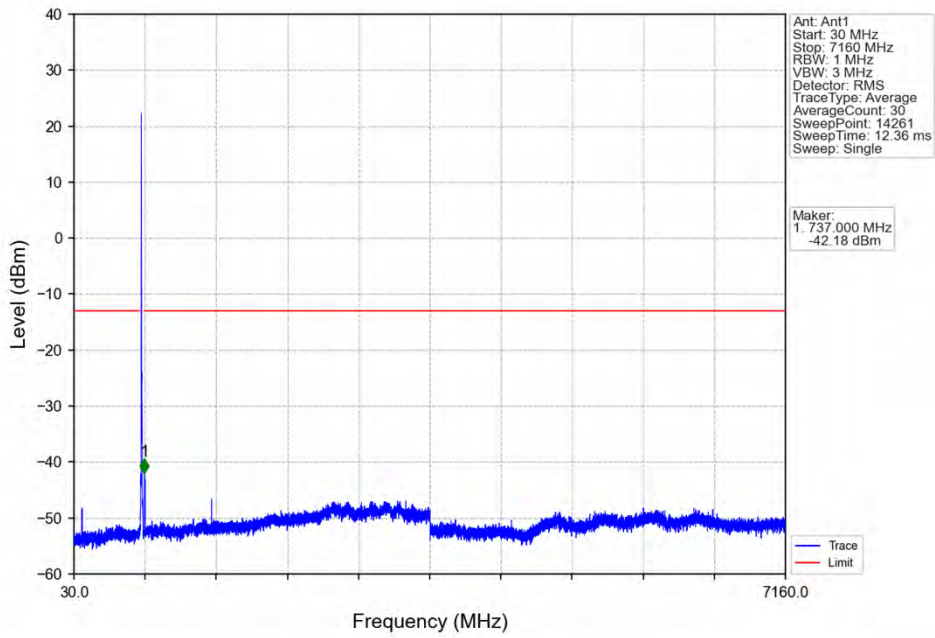
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



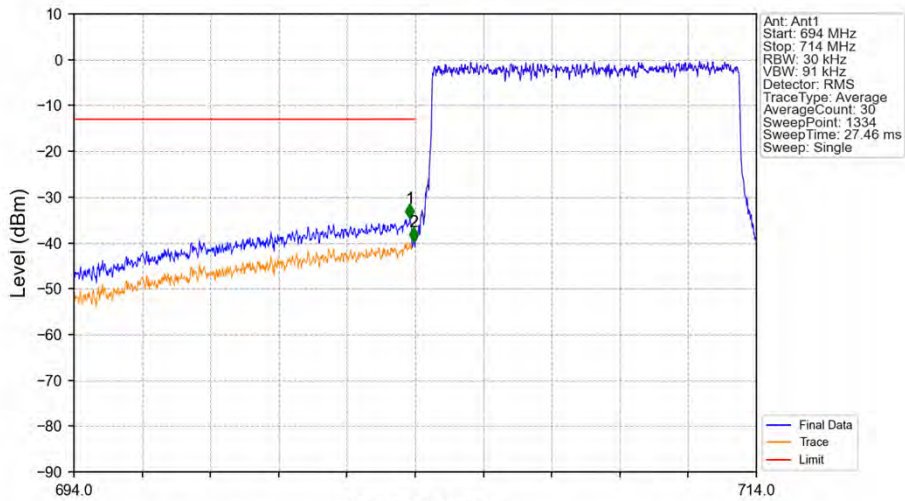
Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV



Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV

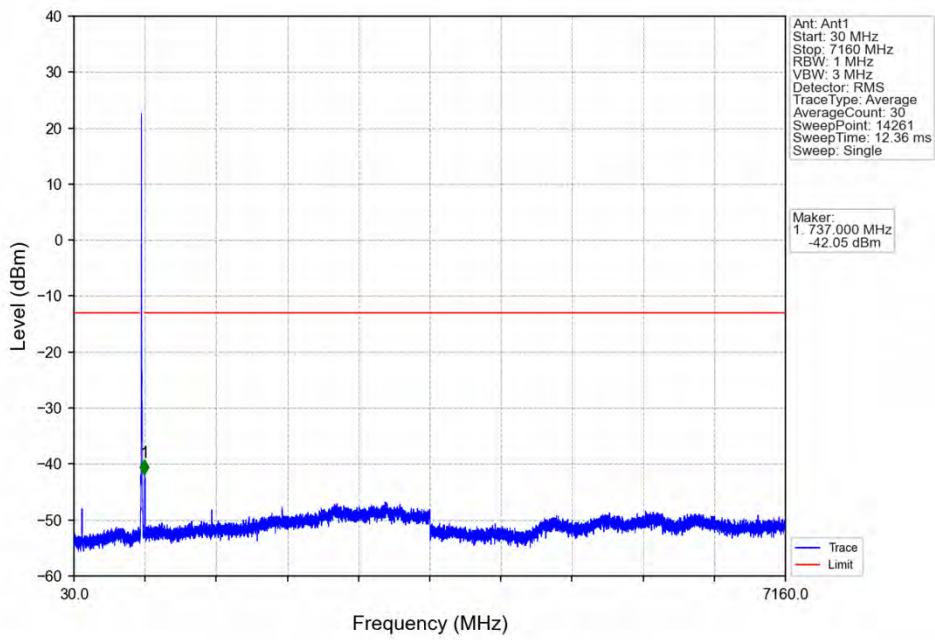


Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV

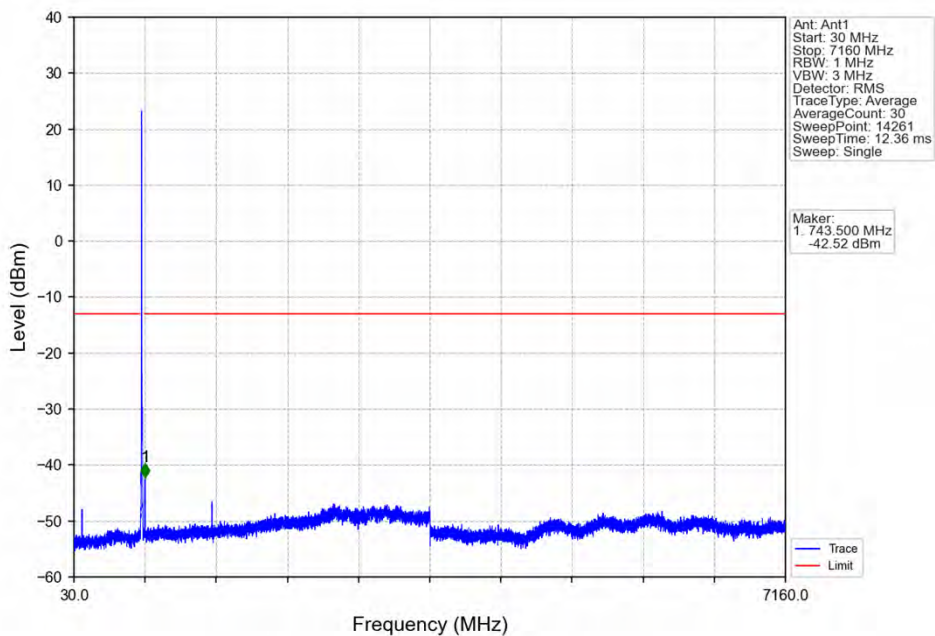


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	5.23	1	703.842	-34.70	-13	Pass
703.9	704	0.03	0	2	703.962	-39.72	-13	Pass
704	714	0.03	0	/	/	/	/	/

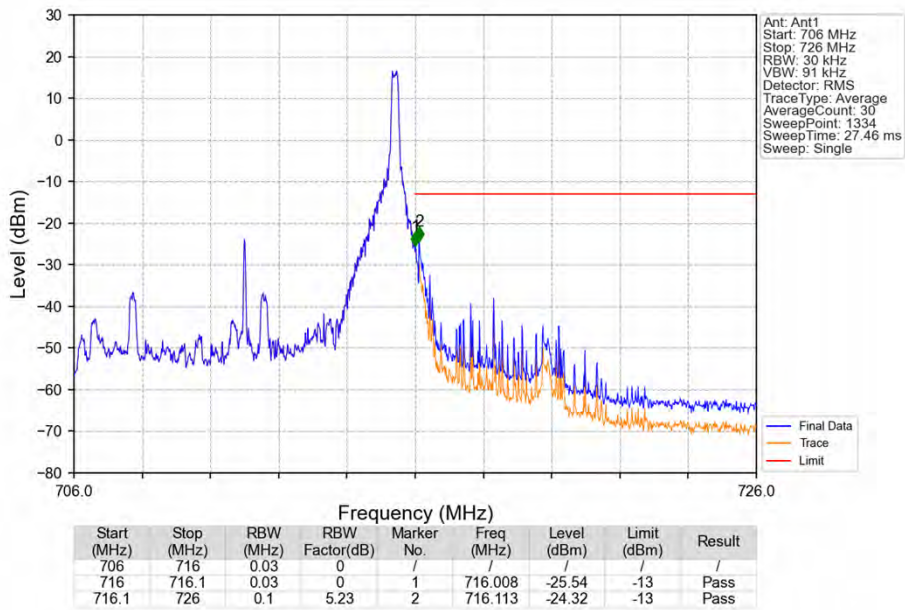
Band17_10MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



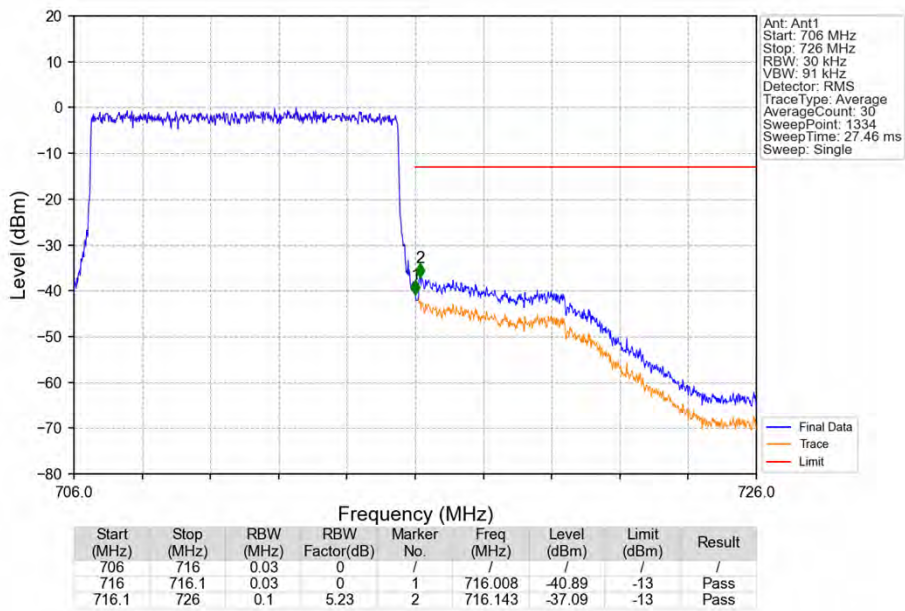
Band17_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_1_49_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



7. Form731

7.1 Form731_Power

7.1.1 Test Result

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
17	5	706.5	713.5	0.2366	0.0050	ppm	4M56G7D	27H	23.74
17	5	706.5	713.5	0.1910	0.0064	ppm	4M55W7D	27H	22.81
17	10	709	711	0.2317	0.0039	ppm	9M08G7D	27H	23.65
17	10	709	711	0.1905	0.0065	ppm	9M07W7D	27H	22.80

7.2 Form731_ERP

7.2.1 Test Result

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
17	5	706.5	713.5	0.1346	0.0050	ppm	4M56G7D	27H	21.29
17	5	706.5	713.5	0.1086	0.0064	ppm	4M55W7D	27H	20.36
17	10	709	711	0.1318	0.0039	ppm	9M08G7D	27H	21.20
17	10	709	711	0.1084	0.0065	ppm	9M07W7D	27H	20.35