

### 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	21.32	0.11	19.28	<=34.77	Pass		
			13	21.30	0.11	19.26	<=34.77	Pass		
			24	21.44	0.11	19.40	<=34.77	Pass		
		12	0	20.52	0.11	18.48	<=34.77	Pass		
			6	18.74	0.11	16.70	<=34.77	Pass		
			13	18.67	0.11	16.63	<=34.77	Pass		
		25	0	18.71	0.11	16.67	<=34.77	Pass		
		710	1	0	19.61	0.11	17.57	<=34.77	Pass	
				13	19.25	0.11	17.21	<=34.77	Pass	
	24			19.47	0.11	17.43	<=34.77	Pass		
	12		0	18.50	0.11	16.46	<=34.77	Pass		
			6	18.14	0.11	16.10	<=34.77	Pass		
			13	18.56	0.11	16.52	<=34.77	Pass		
	25		0	18.05	0.11	16.01	<=34.77	Pass		
	713.5		1	0	17.08	0.11	15.04	<=34.77	Pass	
				13	17.36	0.11	15.32	<=34.77	Pass	
		24		16.51	0.11	14.47	<=34.77	Pass		
		12	0	16.31	0.11	14.27	<=34.77	Pass		
			6	16.34	0.11	14.30	<=34.77	Pass		
			13	15.98	0.11	13.94	<=34.77	Pass		
		25	0	16.17	0.11	14.13	<=34.77	Pass		
		16QAM	706.5	1	0	18.54	0.11	16.50	<=34.77	Pass
					13	18.53	0.11	16.49	<=34.77	Pass
	24				18.56	0.11	16.52	<=34.77	Pass	
12	0			17.04	0.11	15.00	<=34.77	Pass		
	6			17.09	0.11	15.05	<=34.77	Pass		
	13			16.85	0.11	14.81	<=34.77	Pass		
25	0			16.94	0.11	14.90	<=34.77	Pass		
710	1			0	15.79	0.11	13.75	<=34.77	Pass	
				13	16.24	0.11	14.20	<=34.77	Pass	
			24	15.66	0.11	13.62	<=34.77	Pass		
	12		0	15.29	0.11	13.25	<=34.77	Pass		
			6	15.45	0.11	13.41	<=34.77	Pass		
			13	15.33	0.11	13.29	<=34.77	Pass		
	25		0	15.36	0.11	13.32	<=34.77	Pass		
	713.5		1	0	16.14	0.11	14.10	<=34.77	Pass	
				13	16.46	0.11	14.42	<=34.77	Pass	
24				13.97	0.11	11.93	<=34.77	Pass		
12			0	13.54	0.11	11.50	<=34.77	Pass		
			6	13.60	0.11	11.56	<=34.77	Pass		
			13	13.25	0.11	11.21	<=34.77	Pass		
25			0	13.47	0.11	11.43	<=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	15.66	0.11	13.62	<=34.77	Pass		
			25	15.49	0.11	13.45	<=34.77	Pass		
			49	21.39	0.11	19.35	<=34.77	Pass		
		25	0	20.39	0.11	18.35	<=34.77	Pass		
			13	20.30	0.11	18.26	<=34.77	Pass		
			25	20.59	0.11	18.55	<=34.77	Pass		
		50	0	20.44	0.11	18.40	<=34.77	Pass		
		710	1	0	19.50	0.11	17.46	<=34.77	Pass	
				25	19.31	0.11	17.27	<=34.77	Pass	
	49			19.54	0.11	17.50	<=34.77	Pass		
	25		0	18.58	0.11	16.54	<=34.77	Pass		
			13	18.43	0.11	16.39	<=34.77	Pass		
			25	18.82	0.11	16.78	<=34.77	Pass		
	50		0	18.31	0.11	16.27	<=34.77	Pass		
	711		1	0	19.75	0.11	17.71	<=34.77	Pass	
				25	17.30	0.11	15.26	<=34.77	Pass	
		49		17.07	0.11	15.03	<=34.77	Pass		
		25	0	16.32	0.11	14.28	<=34.77	Pass		
			13	16.41	0.11	14.37	<=34.77	Pass		
			25	16.39	0.11	14.35	<=34.77	Pass		
		50	0	16.38	0.11	14.34	<=34.77	Pass		
		16QAM	709	1	0	21.05	0.11	19.01	<=34.77	Pass
					25	20.99	0.11	18.95	<=34.77	Pass
	49				20.97	0.11	18.93	<=34.77	Pass	
25	0			19.50	0.11	17.46	<=34.77	Pass		
	13			19.63	0.11	17.59	<=34.77	Pass		
	25			19.54	0.11	17.50	<=34.77	Pass		
50	0			18.88	0.11	16.84	<=34.77	Pass		
710	1			0	18.97	0.11	16.93	<=34.77	Pass	
				25	18.58	0.11	16.54	<=34.77	Pass	
			49	18.97	0.11	16.93	<=34.77	Pass		
	25		0	17.33	0.11	15.29	<=34.77	Pass		
			13	17.41	0.11	15.37	<=34.77	Pass		
			25	17.47	0.11	15.43	<=34.77	Pass		
	50		0	17.43	0.11	15.39	<=34.77	Pass		
	711		1	0	16.24	0.11	14.20	<=34.77	Pass	
				25	16.44	0.11	14.40	<=34.77	Pass	
49				16.08	0.11	14.04	<=34.77	Pass		
25			0	15.60	0.11	13.56	<=34.77	Pass		
			13	15.64	0.11	13.60	<=34.77	Pass		
			25	15.66	0.11	13.62	<=34.77	Pass		
50			0	15.58	0.11	13.54	<=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	3.27	-4.506	-0.0064	-2.5 to 2.5	Pass
					3.85	-5.093	-0.0072	-2.5 to 2.5	Pass
					4.43	-4.506	-0.0064	-2.5 to 2.5	Pass
				-30	3.85	-3.362	-0.0048	-2.5 to 2.5	Pass
				-20	3.85	-3.133	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	-2.818	-0.0040	-2.5 to 2.5	Pass
				0	3.85	-2.704	-0.0038	-2.5 to 2.5	Pass
				10	3.85	-11.859	-0.0168	-2.5 to 2.5	Pass
				30	3.85	-12.603	-0.0178	-2.5 to 2.5	Pass
				40	3.85	-9.069	-0.0128	-2.5 to 2.5	Pass
	50	3.85	-7.024	-0.0099	-2.5 to 2.5	Pass			
	710	25	0	20	3.27	-1.616	-0.0023	-2.5 to 2.5	Pass
					3.85	-8.039	-0.0113	-2.5 to 2.5	Pass
					4.43	-6.337	-0.0089	-2.5 to 2.5	Pass
				-30	3.85	-3.905	-0.0055	-2.5 to 2.5	Pass
				-20	3.85	5.107	0.0072	-2.5 to 2.5	Pass
				-10	3.85	6.080	0.0086	-2.5 to 2.5	Pass
				0	3.85	4.034	0.0057	-2.5 to 2.5	Pass
				10	3.85	2.875	0.0040	-2.5 to 2.5	Pass
				30	3.85	1.330	0.0019	-2.5 to 2.5	Pass
				40	3.85	0.715	0.0010	-2.5 to 2.5	Pass
	50	3.85	0.200	0.0003	-2.5 to 2.5	Pass			
	713.5	25	0	20	3.27	0.072	0.0001	-2.5 to 2.5	Pass
					3.85	-1.473	-0.0021	-2.5 to 2.5	Pass
					4.43	-1.817	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-1.802	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-1.788	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-2.117	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-2.031	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-2.260	-0.0032	-2.5 to 2.5	Pass
30				3.85	-2.074	-0.0029	-2.5 to 2.5	Pass	
40				3.85	-2.403	-0.0034	-2.5 to 2.5	Pass	
50	3.85	-2.675	-0.0037	-2.5 to 2.5	Pass				
16QAM	706.5	25	0	20	3.27	-4.334	-0.0061	-2.5 to 2.5	Pass
					3.85	-0.129	-0.0002	-2.5 to 2.5	Pass
					4.43	4.306	0.0061	-2.5 to 2.5	Pass
				-30	3.85	12.145	0.0172	-2.5 to 2.5	Pass
				-20	3.85	10.872	0.0154	-2.5 to 2.5	Pass
				-10	3.85	9.284	0.0131	-2.5 to 2.5	Pass
				0	3.85	7.496	0.0106	-2.5 to 2.5	Pass
				10	3.85	6.695	0.0095	-2.5 to 2.5	Pass
				30	3.85	5.522	0.0078	-2.5 to 2.5	Pass
				40	3.85	4.334	0.0061	-2.5 to 2.5	Pass
	50	3.85	3.719	0.0053	-2.5 to 2.5	Pass			
	710	25	0	20	3.27	-0.572	-0.0008	-2.5 to 2.5	Pass
					3.85	-0.043	-0.0001	-2.5 to 2.5	Pass
					4.43	-0.801	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-1.345	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-2.103	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-2.475	-0.0035	-2.5 to 2.5	Pass
				0	3.85	-1.659	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-2.203	-0.0031	-2.5 to 2.5	Pass
				30	3.85	-2.732	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-3.104	-0.0044	-2.5 to 2.5	Pass
	50	3.85	-3.834	-0.0054	-2.5 to 2.5	Pass			
	713.5	25	0	20	3.27	-2.446	-0.0034	-2.5 to 2.5	Pass
					3.85	-1.717	-0.0024	-2.5 to 2.5	Pass

					4.43	-2.203	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-2.418	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-2.518	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-2.675	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-2.890	-0.0041	-2.5 to 2.5	Pass
				10	3.85	-3.161	-0.0044	-2.5 to 2.5	Pass
				30	3.85	-3.119	-0.0044	-2.5 to 2.5	Pass
				40	3.85	-12.560	-0.0176	-2.5 to 2.5	Pass
				50	3.85	-15.492	-0.0217	-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	3.27	7.296	0.0103	-2.5 to 2.5	Pass
					3.85	21.000	0.0296	-2.5 to 2.5	Pass
					4.43	34.804	0.0491	-2.5 to 2.5	Pass
				-30	3.85	43.831	0.0618	-2.5 to 2.5	Pass
				-20	3.85	39.153	0.0552	-2.5 to 2.5	Pass
				-10	3.85	3.362	0.0047	-2.5 to 2.5	Pass
				0	3.85	5.765	0.0081	-2.5 to 2.5	Pass
				10	3.85	6.752	0.0095	-2.5 to 2.5	Pass
				30	3.85	7.668	0.0108	-2.5 to 2.5	Pass
	40	3.85	7.925	0.0112	-2.5 to 2.5	Pass			
	50	3.85	11.115	0.0157	-2.5 to 2.5	Pass			
	710	50	0	20	3.27	-5.965	-0.0084	-2.5 to 2.5	Pass
					3.85	-7.811	-0.0110	-2.5 to 2.5	Pass
					4.43	-8.168	-0.0115	-2.5 to 2.5	Pass
				-30	3.85	-8.411	-0.0118	-2.5 to 2.5	Pass
				-20	3.85	-8.297	-0.0117	-2.5 to 2.5	Pass
				-10	3.85	-7.911	-0.0111	-2.5 to 2.5	Pass
				0	3.85	-7.896	-0.0111	-2.5 to 2.5	Pass
				10	3.85	-8.326	-0.0117	-2.5 to 2.5	Pass
				30	3.85	-8.154	-0.0115	-2.5 to 2.5	Pass
	40	3.85	-8.383	-0.0118	-2.5 to 2.5	Pass			
	50	3.85	-8.368	-0.0118	-2.5 to 2.5	Pass			
	711	50	0	20	3.27	-2.546	-0.0036	-2.5 to 2.5	Pass
					3.85	-5.164	-0.0073	-2.5 to 2.5	Pass
					4.43	-3.319	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	-0.987	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-3.576	-0.0050	-2.5 to 2.5	Pass
-10				3.85	-5.965	-0.0084	-2.5 to 2.5	Pass	
0				3.85	-8.698	-0.0122	-2.5 to 2.5	Pass	
10				3.85	-13.161	-0.0185	-2.5 to 2.5	Pass	
30				3.85	-16.308	-0.0229	-2.5 to 2.5	Pass	
40	3.85	-19.841	-0.0279	-2.5 to 2.5	Pass				
50	3.85	-23.732	-0.0334	-2.5 to 2.5	Pass				
16QAM	709	50	0	20	3.27	11.759	0.0166	-2.5 to 2.5	Pass
					3.85	18.797	0.0265	-2.5 to 2.5	Pass
					4.43	16.322	0.0230	-2.5 to 2.5	Pass
				-30	3.85	14.191	0.0200	-2.5 to 2.5	Pass
				-20	3.85	13.247	0.0187	-2.5 to 2.5	Pass
				-10	3.85	12.603	0.0178	-2.5 to 2.5	Pass
				0	3.85	11.830	0.0167	-2.5 to 2.5	Pass
10	3.85	11.473	0.0162	-2.5 to 2.5	Pass				

	710	50	0	30	3.85	11.501	0.0162	-2.5 to 2.5	Pass
				40	3.85	11.616	0.0164	-2.5 to 2.5	Pass
				50	3.85	12.589	0.0178	-2.5 to 2.5	Pass
				20	3.27	-8.082	-0.0114	-2.5 to 2.5	Pass
					3.85	-7.253	-0.0102	-2.5 to 2.5	Pass
					4.43	-8.011	-0.0113	-2.5 to 2.5	Pass
				-30	3.85	-17.252	-0.0243	-2.5 to 2.5	Pass
				-20	3.85	-15.764	-0.0222	-2.5 to 2.5	Pass
				-10	3.85	-12.846	-0.0181	-2.5 to 2.5	Pass
				0	3.85	-10.815	-0.0152	-2.5 to 2.5	Pass
	10	3.85	-0.186	-0.0003	-2.5 to 2.5	Pass			
	30	3.85	-15.836	-0.0223	-2.5 to 2.5	Pass			
	40	3.85	-13.533	-0.0191	-2.5 to 2.5	Pass			
	50	3.85	-9.885	-0.0139	-2.5 to 2.5	Pass			
	711	50	0	20	3.27	-27.752	-0.0390	-2.5 to 2.5	Pass
					3.85	-28.911	-0.0407	-2.5 to 2.5	Pass
					4.43	-31.972	-0.0450	-2.5 to 2.5	Pass
				-30	3.85	-35.162	-0.0495	-2.5 to 2.5	Pass
				-20	3.85	-38.338	-0.0539	-2.5 to 2.5	Pass
				-10	3.85	-41.785	-0.0588	-2.5 to 2.5	Pass
0				3.85	-44.947	-0.0632	-2.5 to 2.5	Pass	
10				3.85	-38.266	-0.0538	-2.5 to 2.5	Pass	
30				3.85	-2.203	-0.0031	-2.5 to 2.5	Pass	
40				3.85	-5.450	-0.0077	-2.5 to 2.5	Pass	
50	3.85	-8.883	-0.0125	-2.5 to 2.5	Pass				

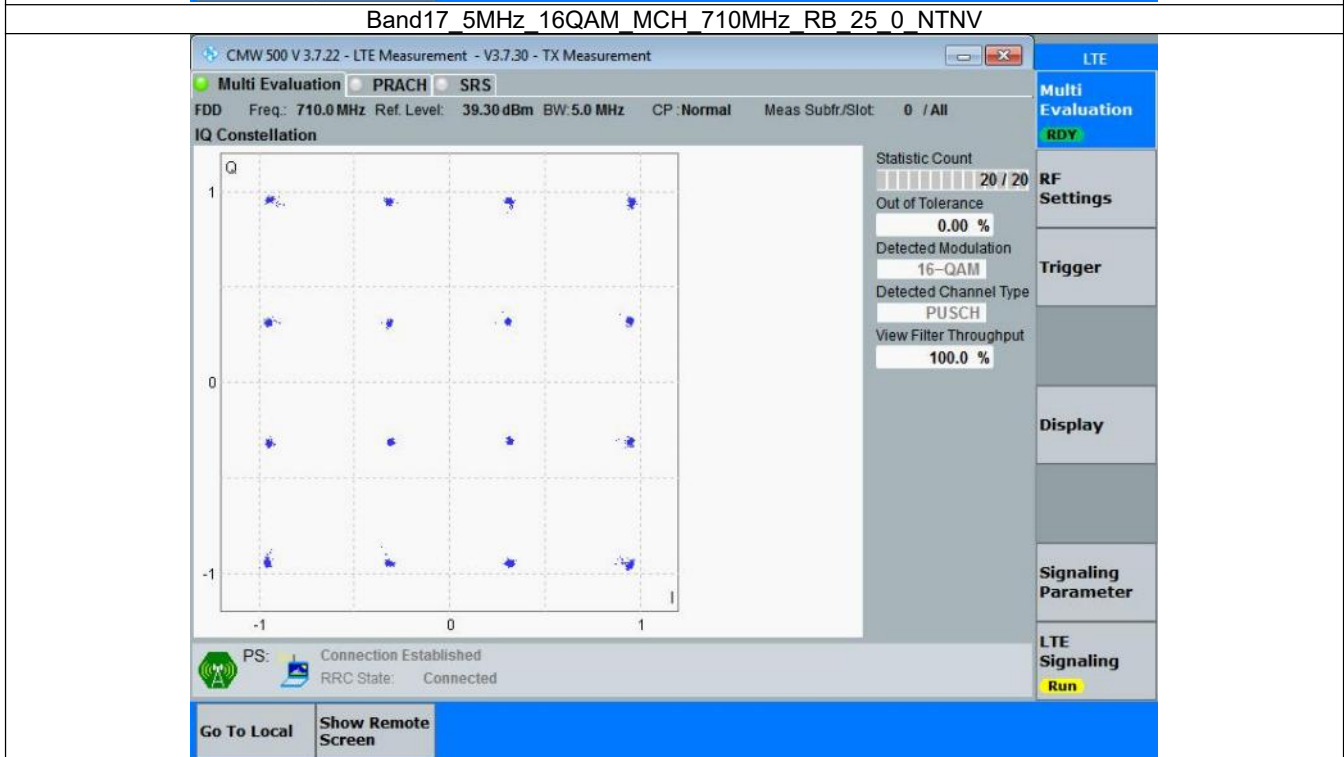
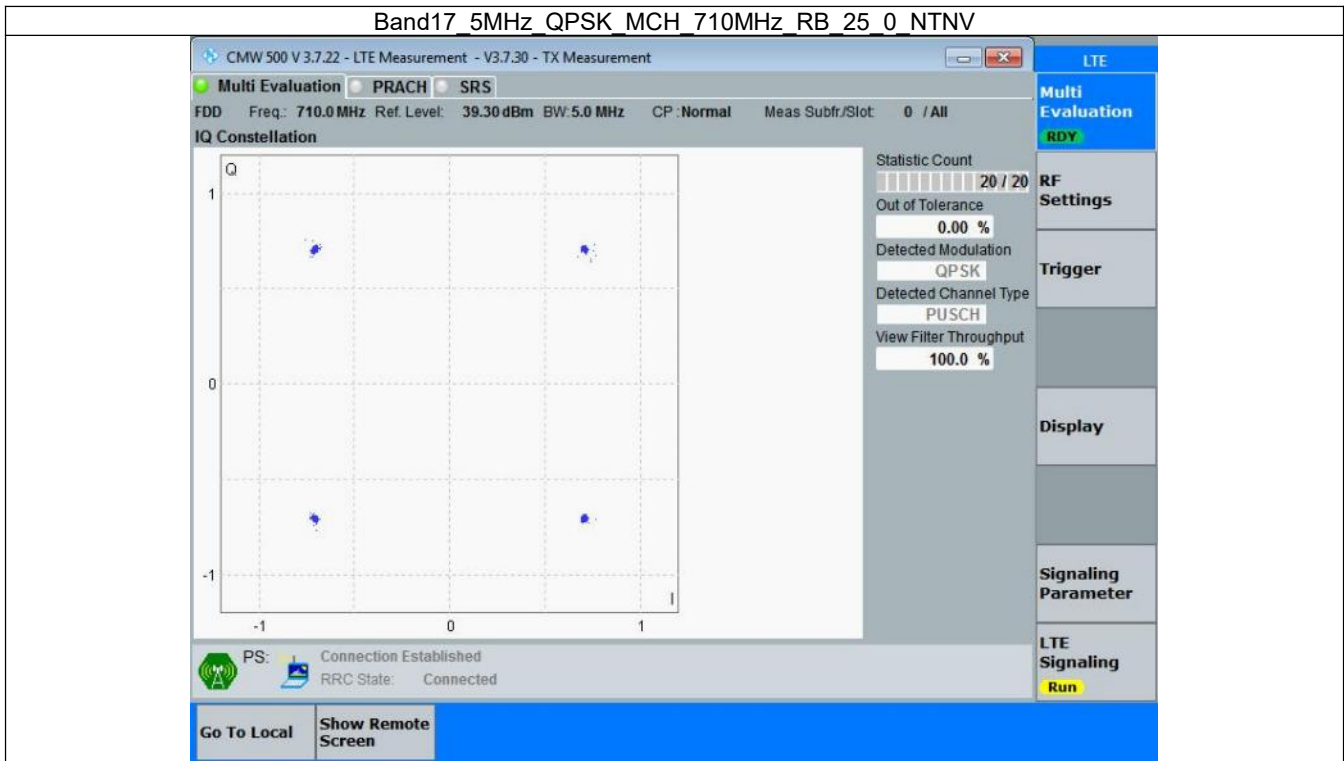
### 3. Modulation Characteristics

#### 3.1 B17\_5MHz

##### 3.1.1 Test Result

Band: 17 / Bandwidth: 5MHz / NTV						
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

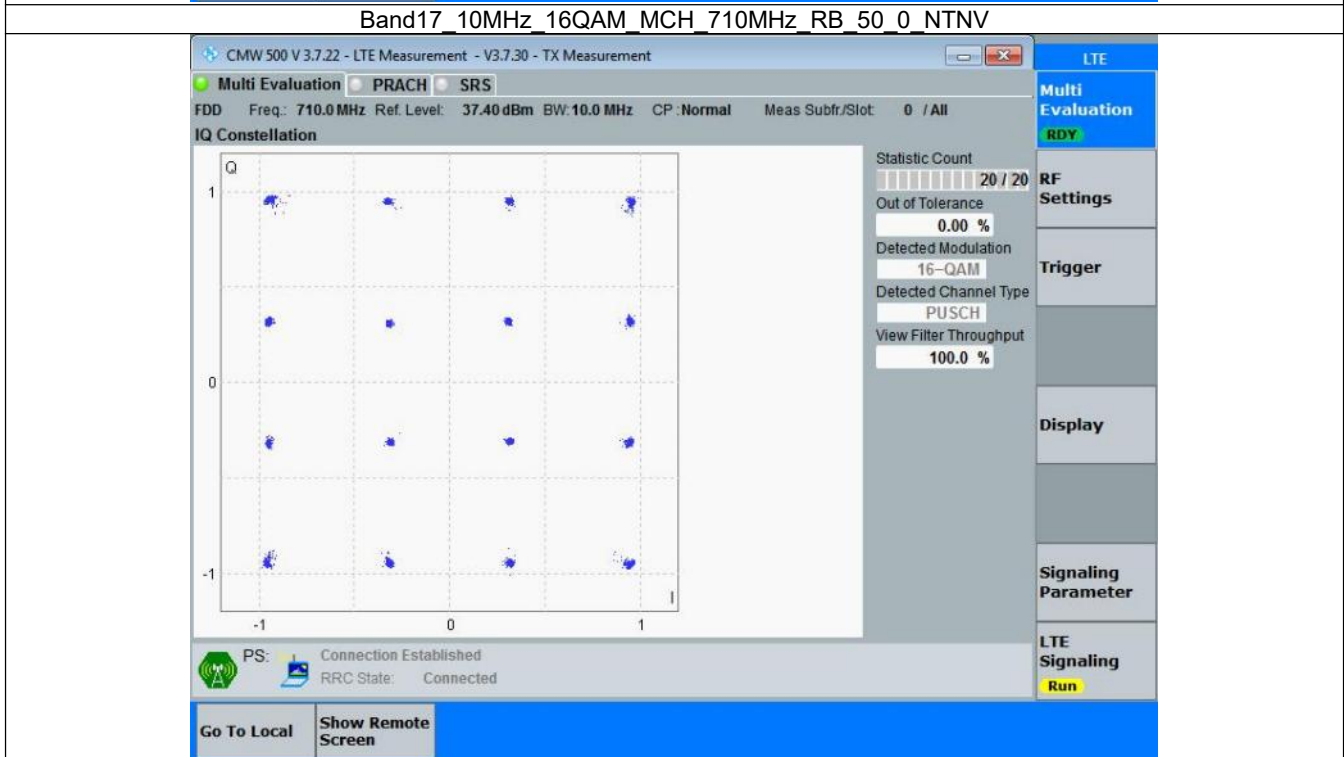
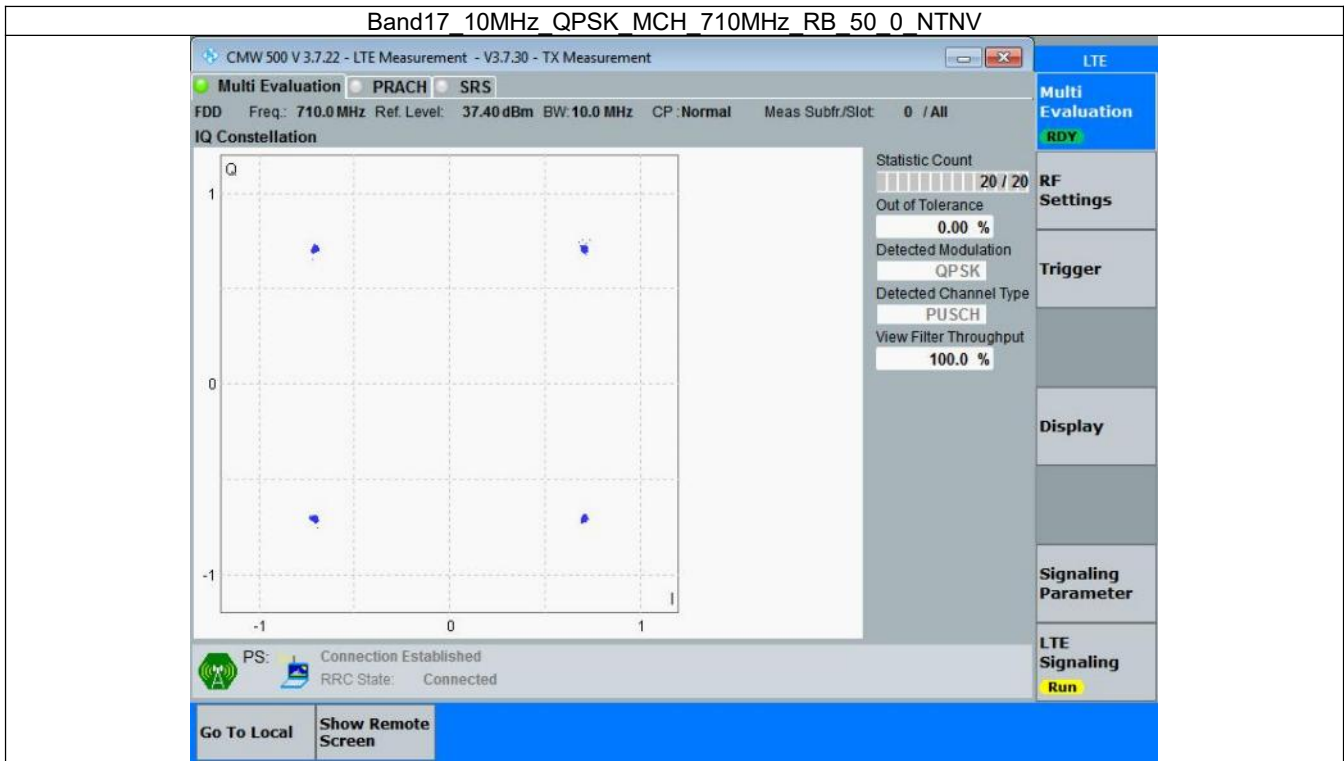


## 3.2 B17\_10MHz

### 3.2.1 Test Result

Band: 17 / Bandwidth: 10MHz / NTN						
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





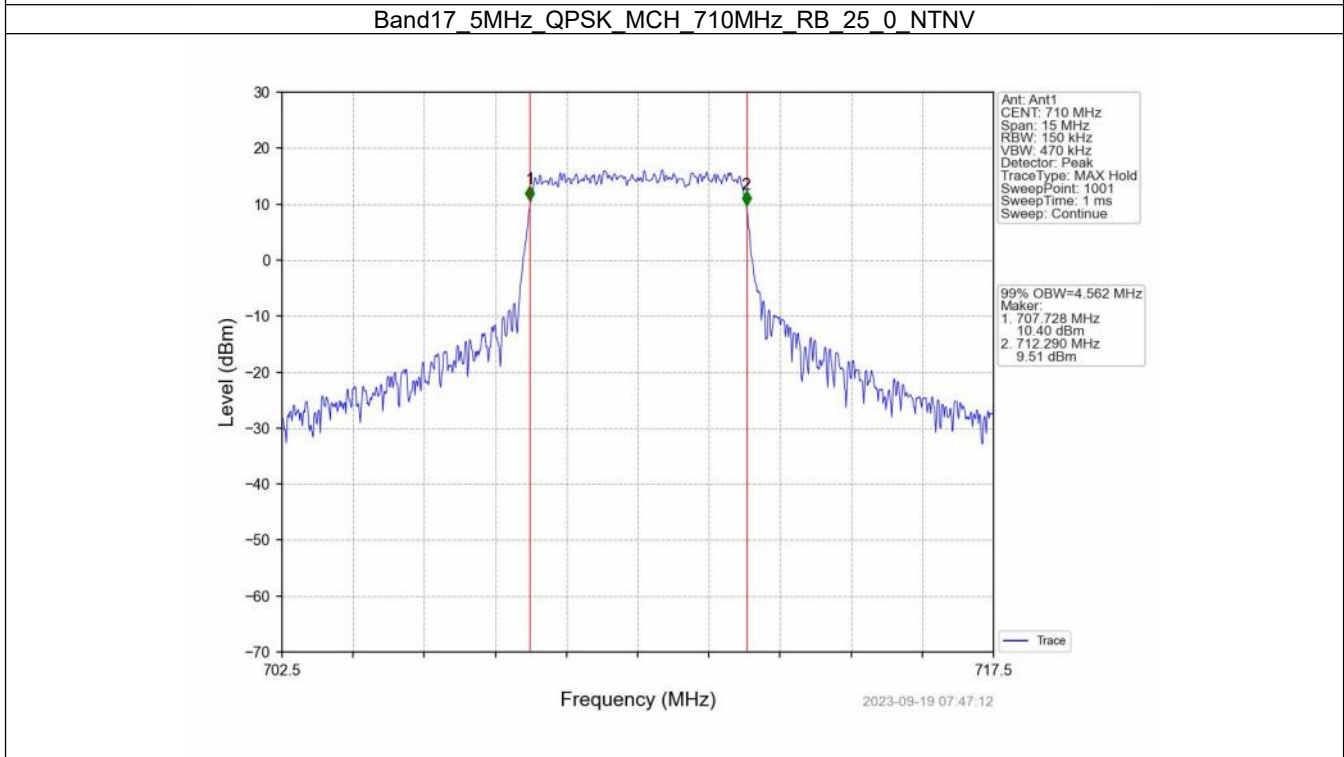
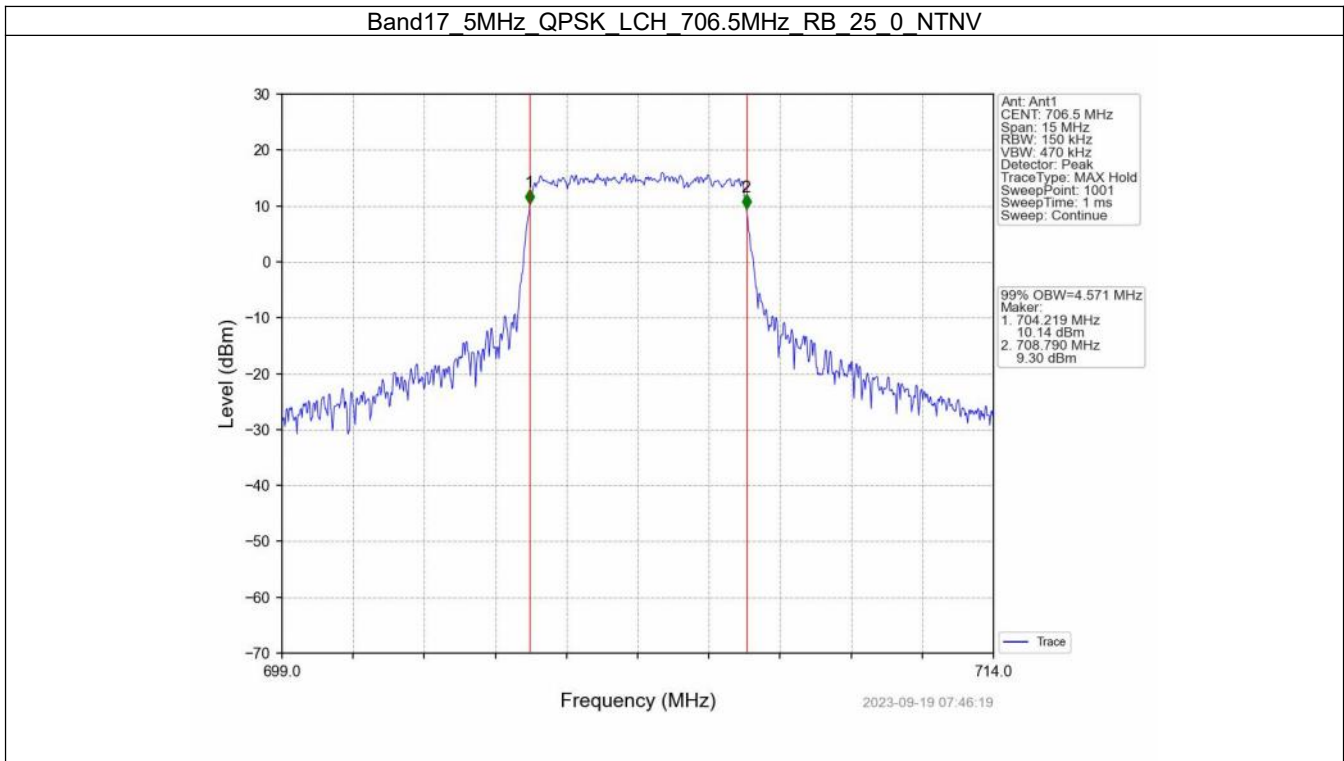
## 4. 99% & 26dB Bandwidth

### 4.1 Band17\_OBW

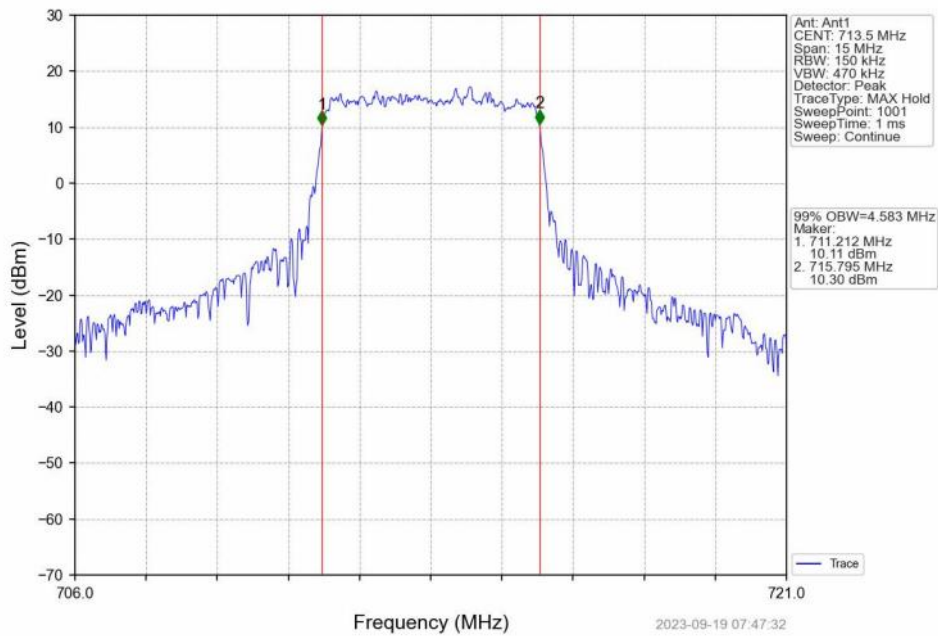
#### 4.1.1 Test Result

Band: 17 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	706.5	25	0	4.571	Pass
		710	25	0	4.562	Pass
		713.5	25	0	4.583	Pass
	16QAM	706.5	25	0	4.595	Pass
		710	25	0	4.618	Pass
		713.5	25	0	4.587	Pass
10	QPSK	709	50	0	9.092	Pass
		710	50	0	9.039	Pass
		711	50	0	9.044	Pass
	16QAM	709	50	0	9.110	Pass
		710	50	0	9.060	Pass
		711	50	0	9.047	Pass

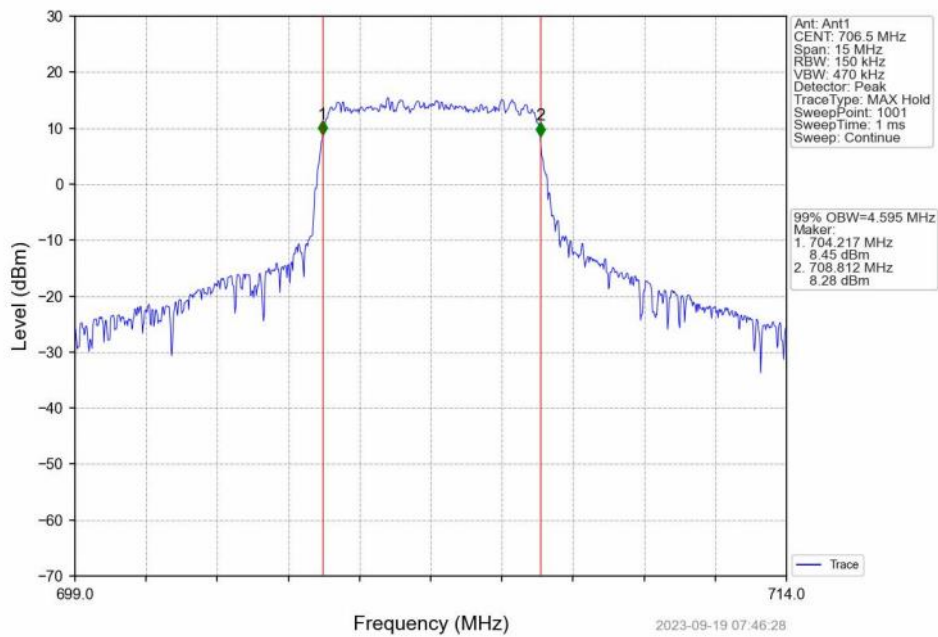
### 4.1.2 Test Graph



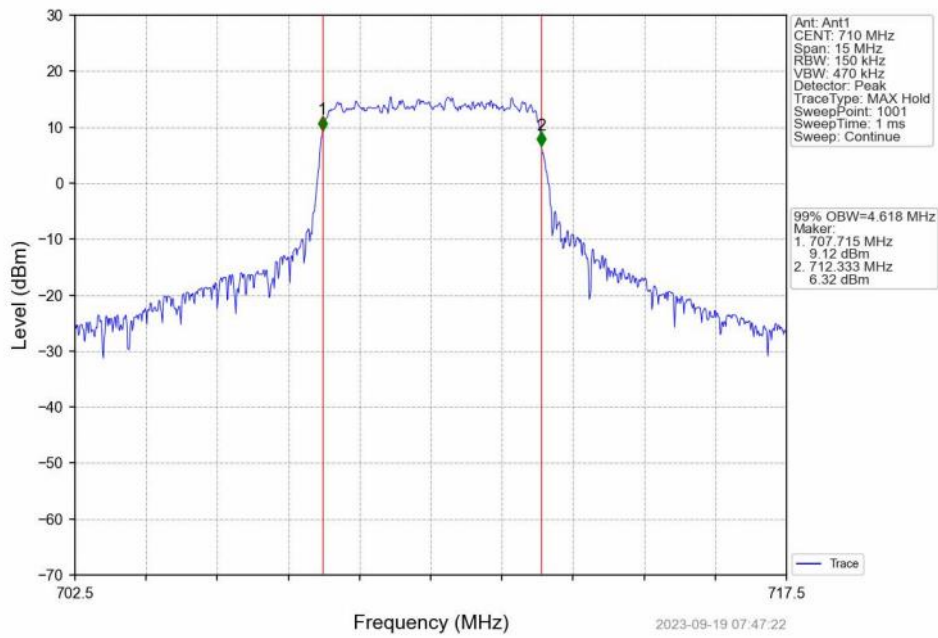
Band17\_5MHz\_QPSK\_HCH\_713.5MHz\_RB\_25\_0\_NTNV



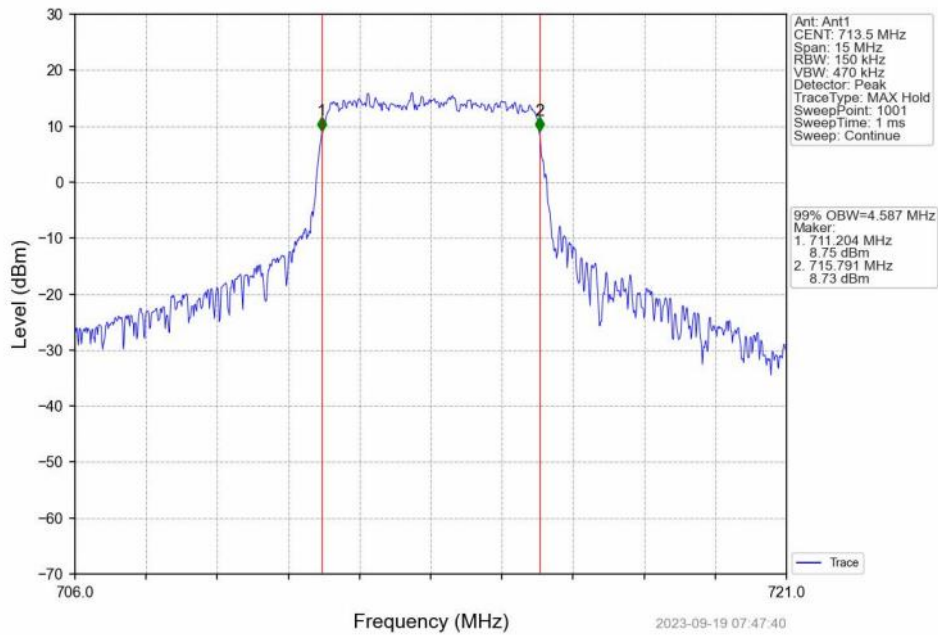
Band17\_5MHz\_16QAM\_LCH\_706.5MHz\_RB\_25\_0\_NTNV



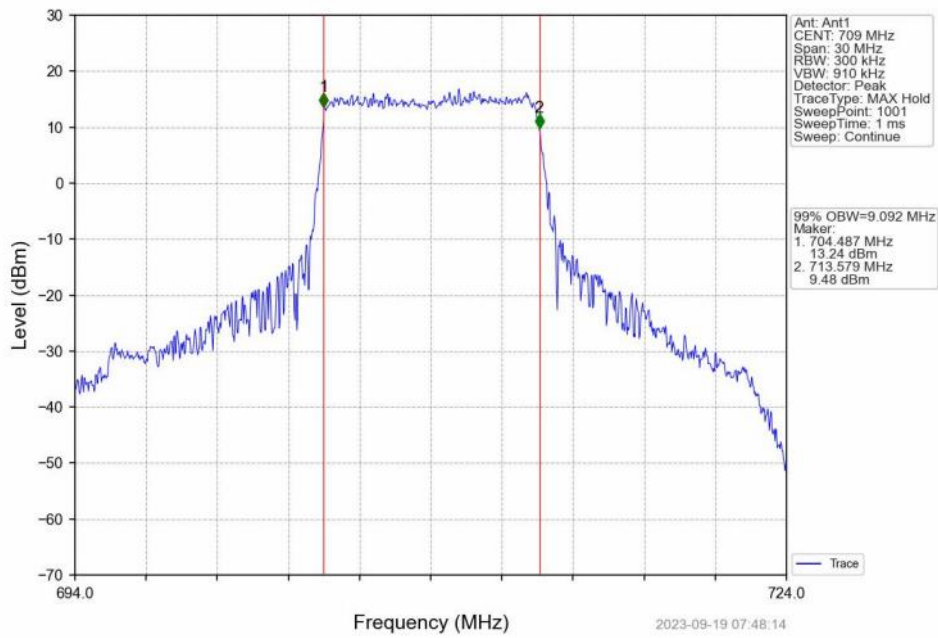
Band17\_5MHz\_16QAM\_MCH\_710MHz\_RB\_25\_0\_NTNV



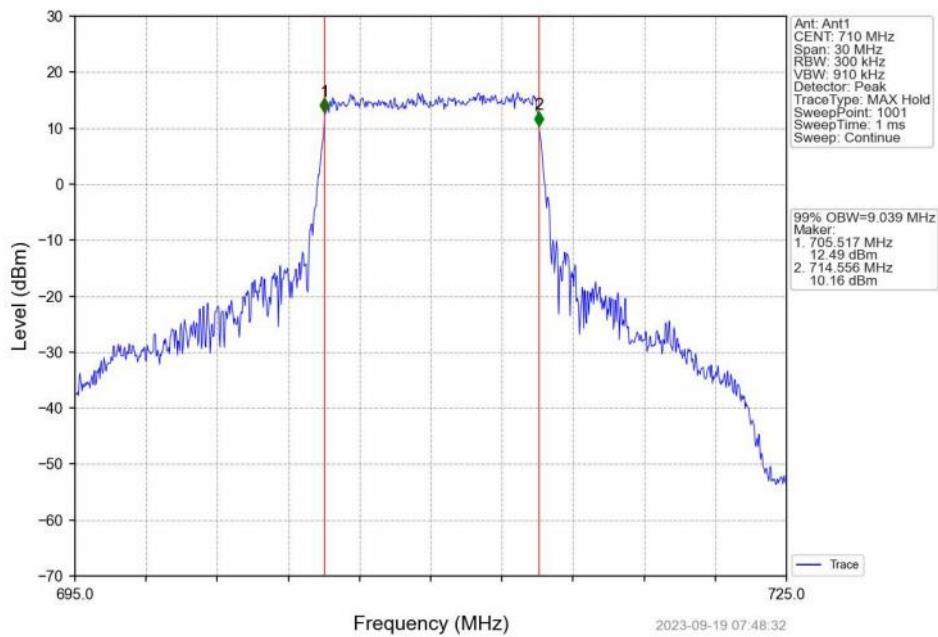
Band17\_5MHz\_16QAM\_HCH\_713.5MHz\_RB\_25\_0\_NTNV



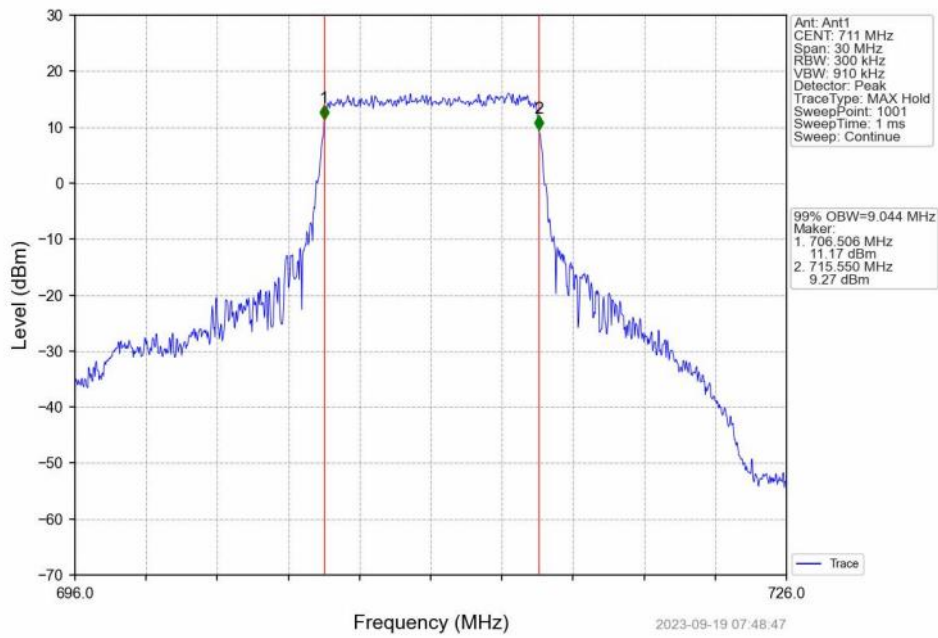
Band17\_10MHz\_QPSK\_LCH\_709MHz\_RB\_50\_0\_NTNV



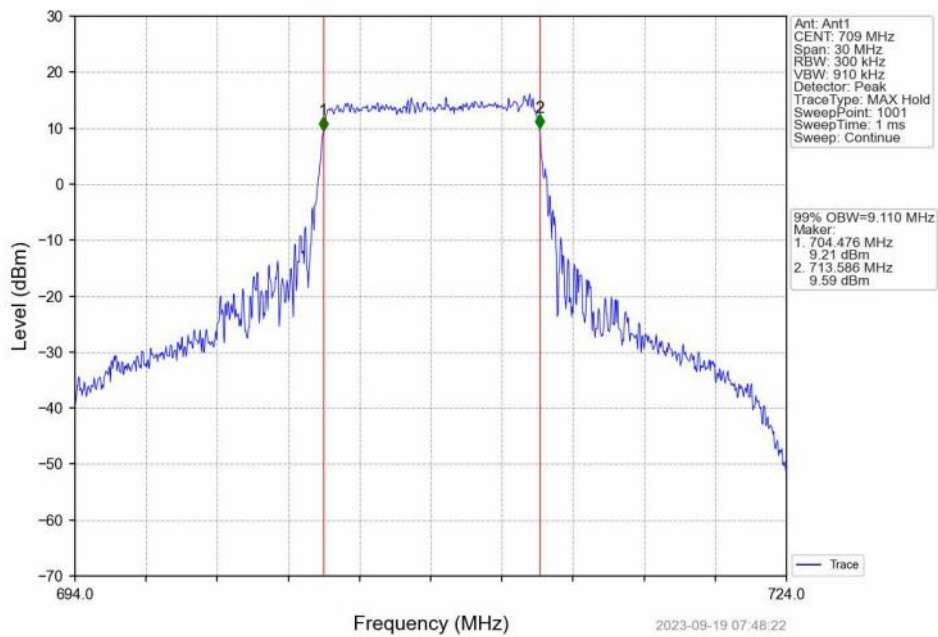
Band17\_10MHz\_QPSK\_MCH\_710MHz\_RB\_50\_0\_NTNV



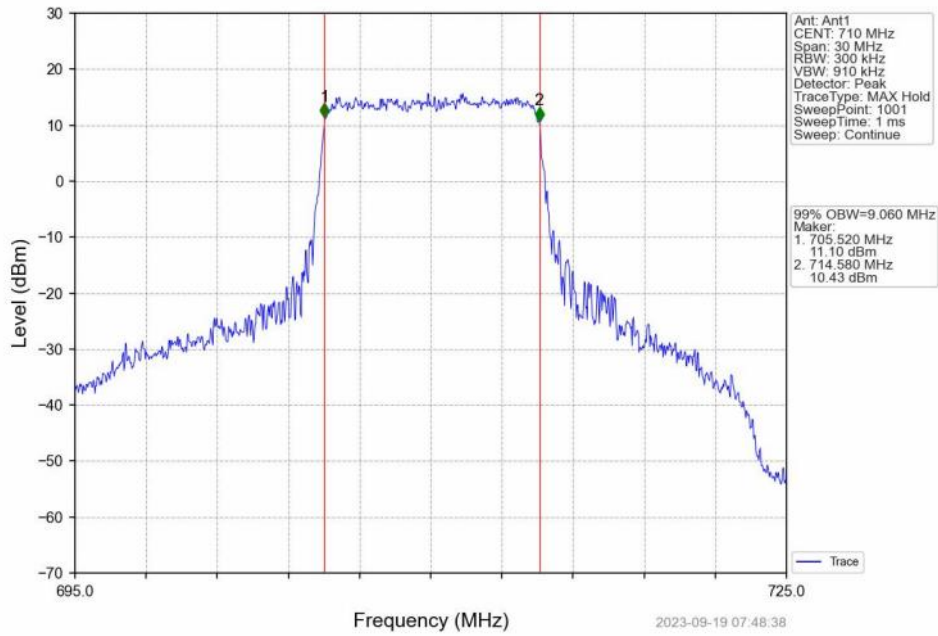
Band17\_10MHz\_QPSK\_HCH\_711MHz\_RB\_50\_0\_NTNV



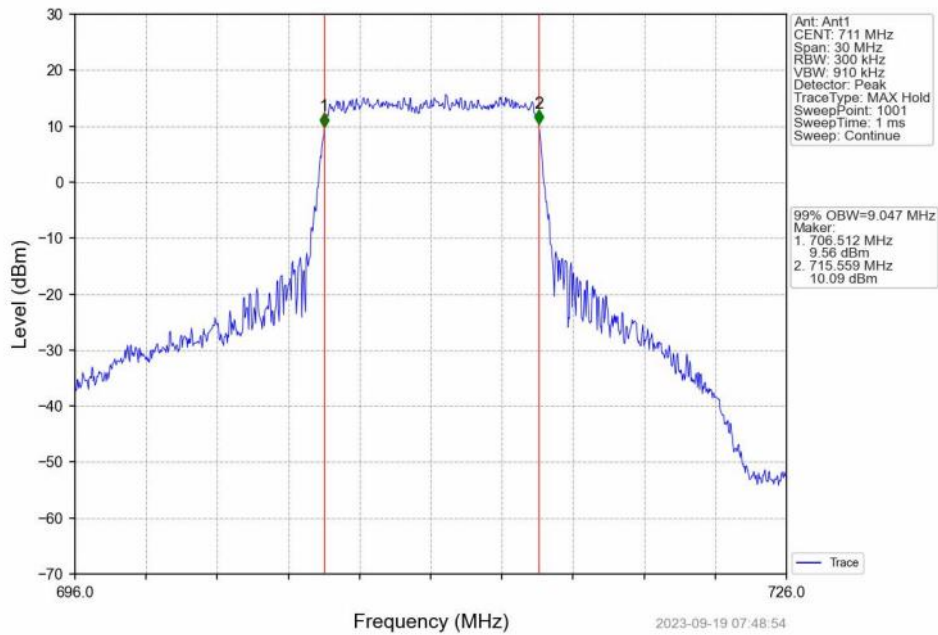
Band17\_10MHz\_16QAM\_LCH\_709MHz\_RB\_50\_0\_NTNV



Band17\_10MHz\_16QAM\_MCH\_710MHz\_RB\_50\_0\_NTNV



Band17\_10MHz\_16QAM\_HCH\_711MHz\_RB\_50\_0\_NTNV



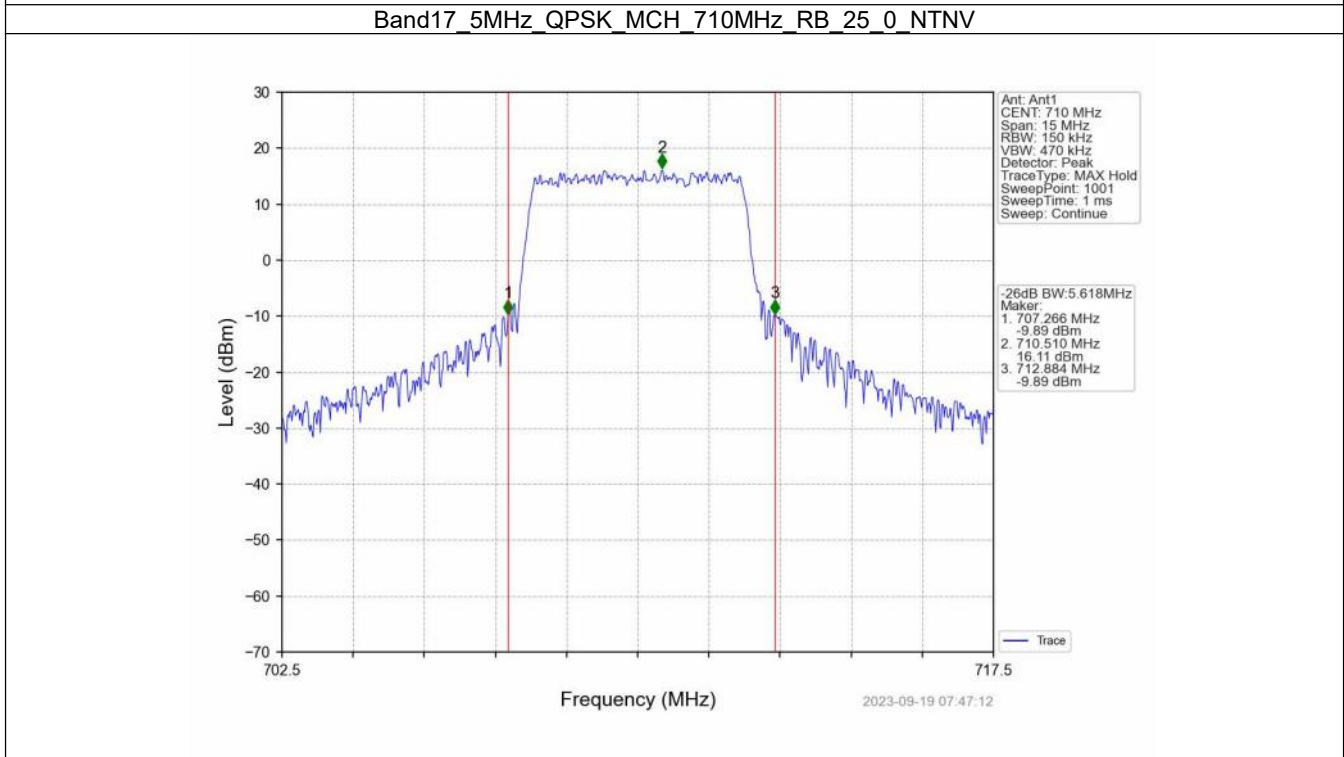
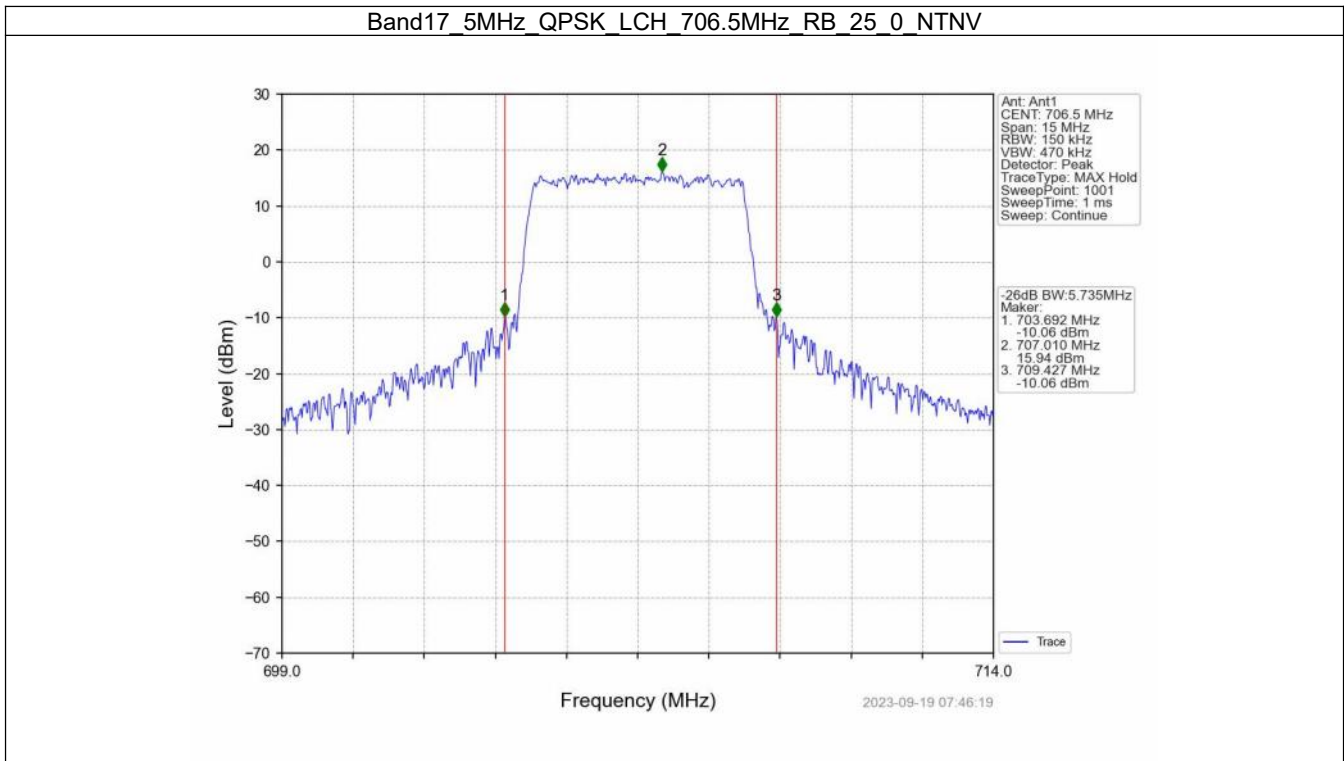
## 4.2 Band17\_XDB

## 4.2.1 Test Result

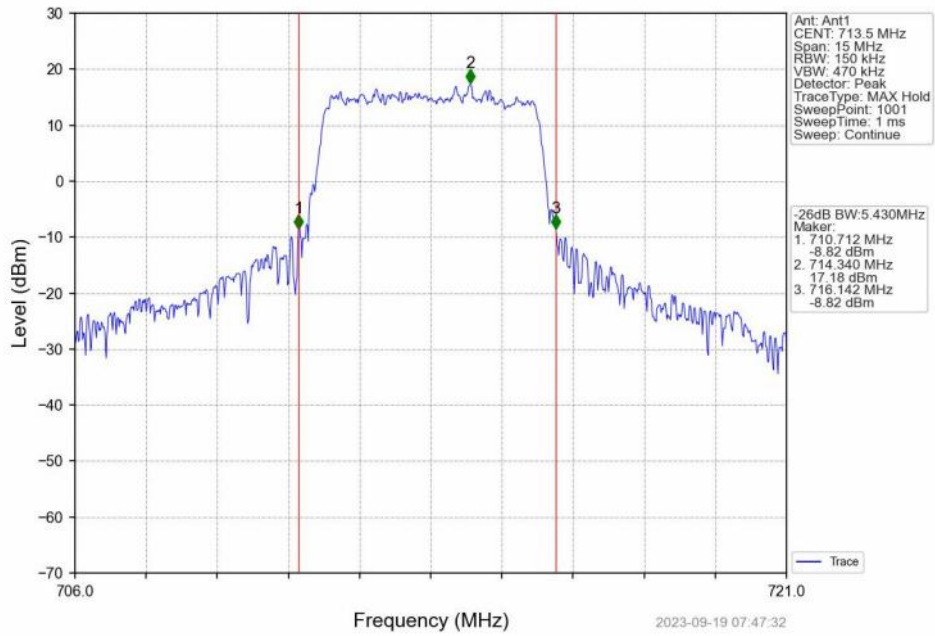
Band: 17 / NTV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	706.5	25	0	5.735	Pass
		710	25	0	5.618	Pass
		713.5	25	0	5.430	Pass
	16QAM	706.5	25	0	5.549	Pass
		710	25	0	5.903	Pass
		713.5	25	0	5.624	Pass
10	QPSK	709	50	0	10.278	Pass
		710	50	0	10.163	Pass
		711	50	0	10.441	Pass
	16QAM	709	50	0	11.021	Pass
		710	50	0	10.144	Pass
		711	50	0	10.093	Pass



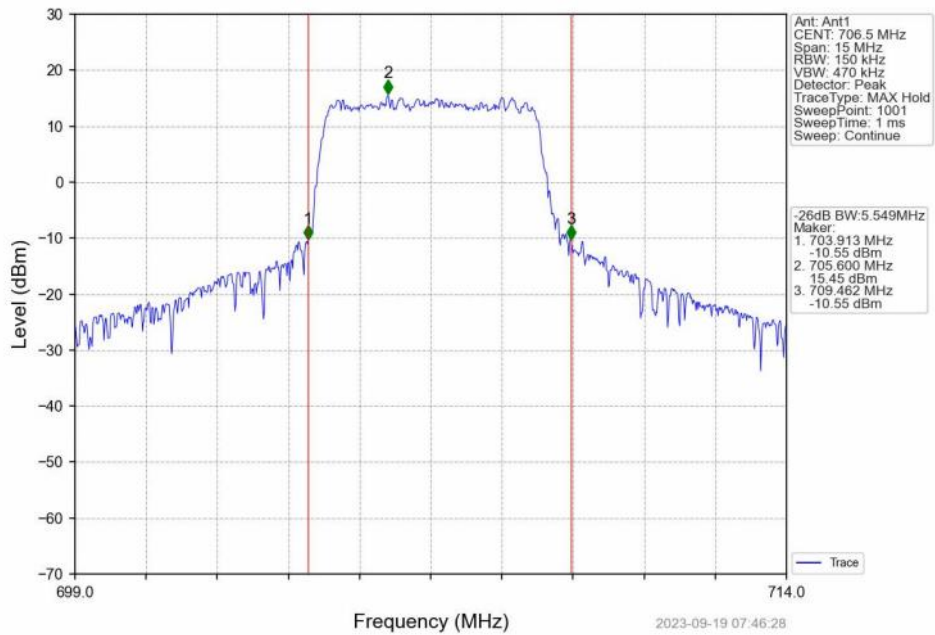
4.2.2 Test Graph



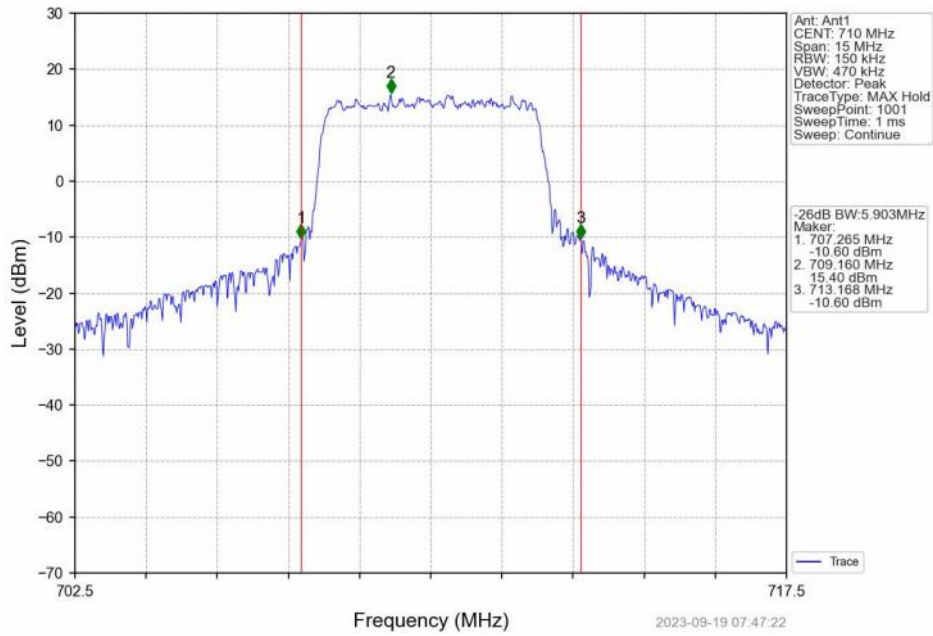
Band17\_5MHz\_QPSK\_HCH\_713.5MHz\_RB\_25\_0\_NTNV



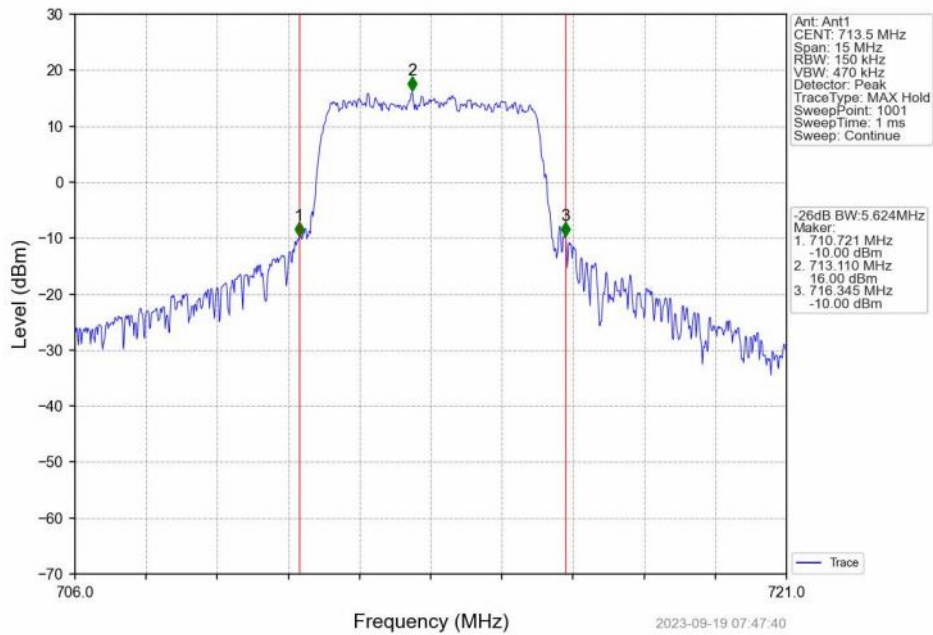
Band17\_5MHz\_16QAM\_LCH\_706.5MHz\_RB\_25\_0\_NTNV



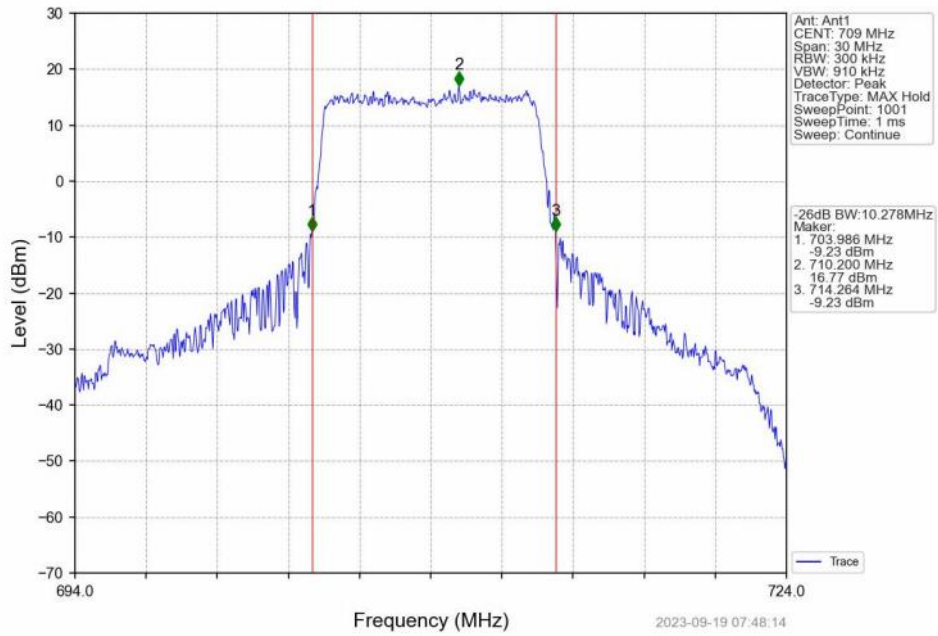
Band17\_5MHz\_16QAM\_MCH\_710MHz\_RB\_25\_0\_NTNV



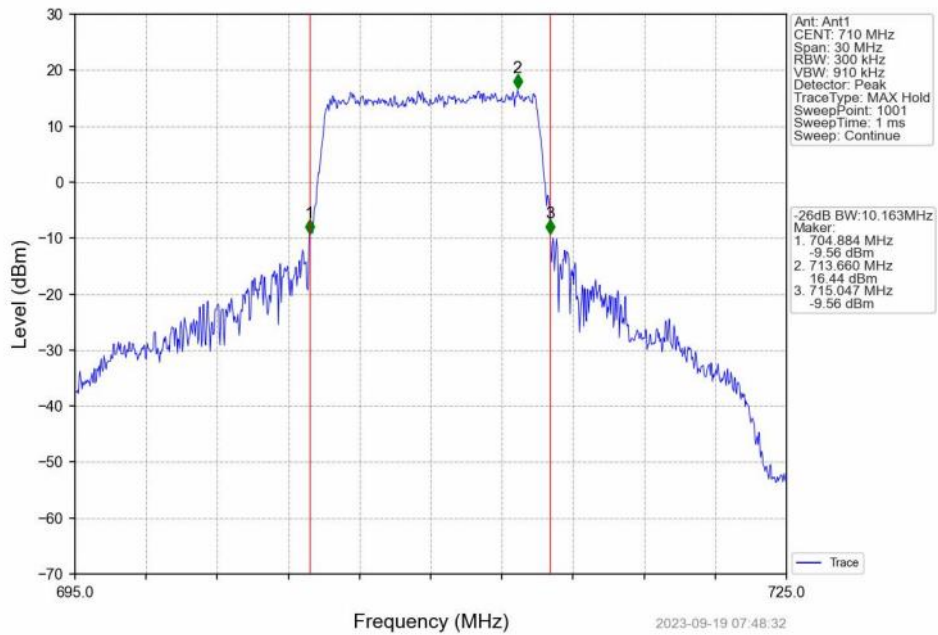
Band17\_5MHz\_16QAM\_HCH\_713.5MHz\_RB\_25\_0\_NTNV



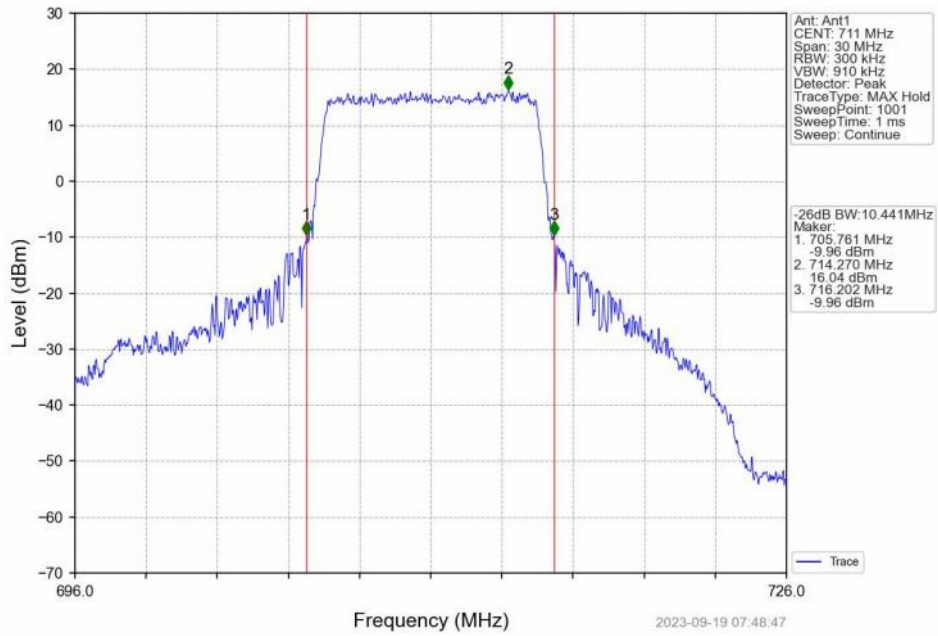
Band17\_10MHz\_QPSK\_LCH\_709MHz\_RB\_50\_0\_NTNV



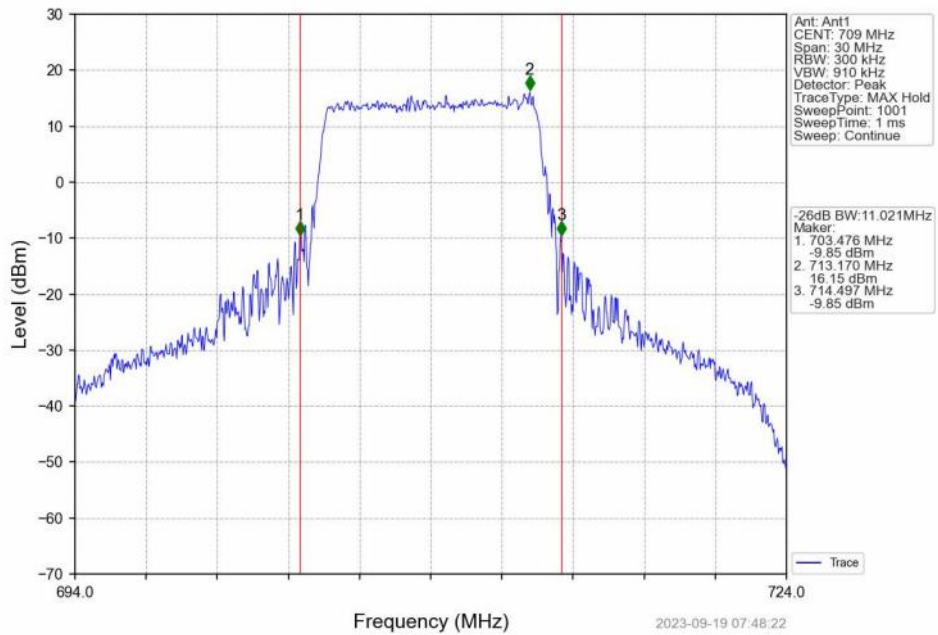
Band17\_10MHz\_QPSK\_MCH\_710MHz\_RB\_50\_0\_NTNV



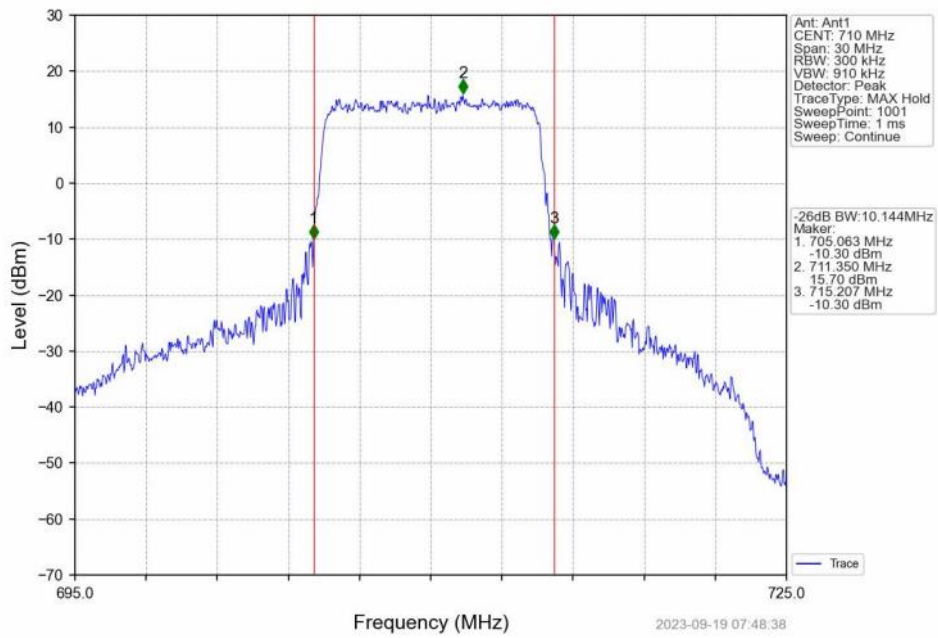
Band17\_10MHz\_QPSK\_HCH\_711MHz\_RB\_50\_0\_NTNV



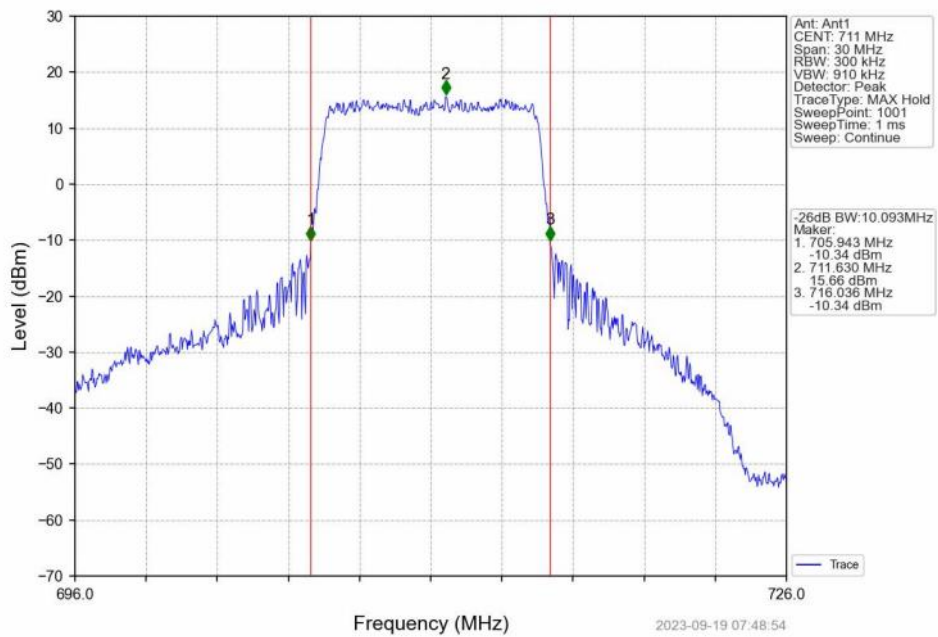
Band17\_10MHz\_16QAM\_LCH\_709MHz\_RB\_50\_0\_NTNV



Band17\_10MHz\_16QAM\_MCH\_710MHz\_RB\_50\_0\_NTNV



Band17\_10MHz\_16QAM\_HCH\_711MHz\_RB\_50\_0\_NTNV



## 5. Peak-Average Ratio

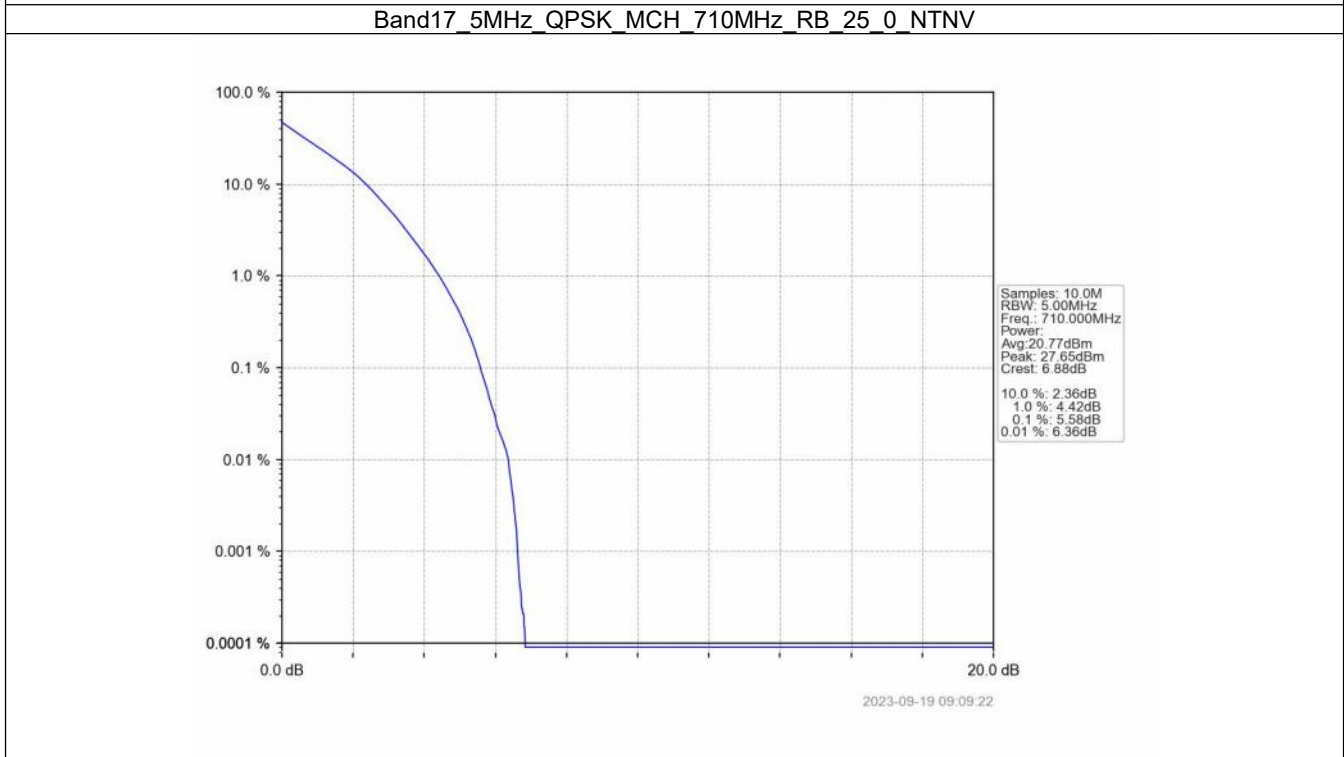
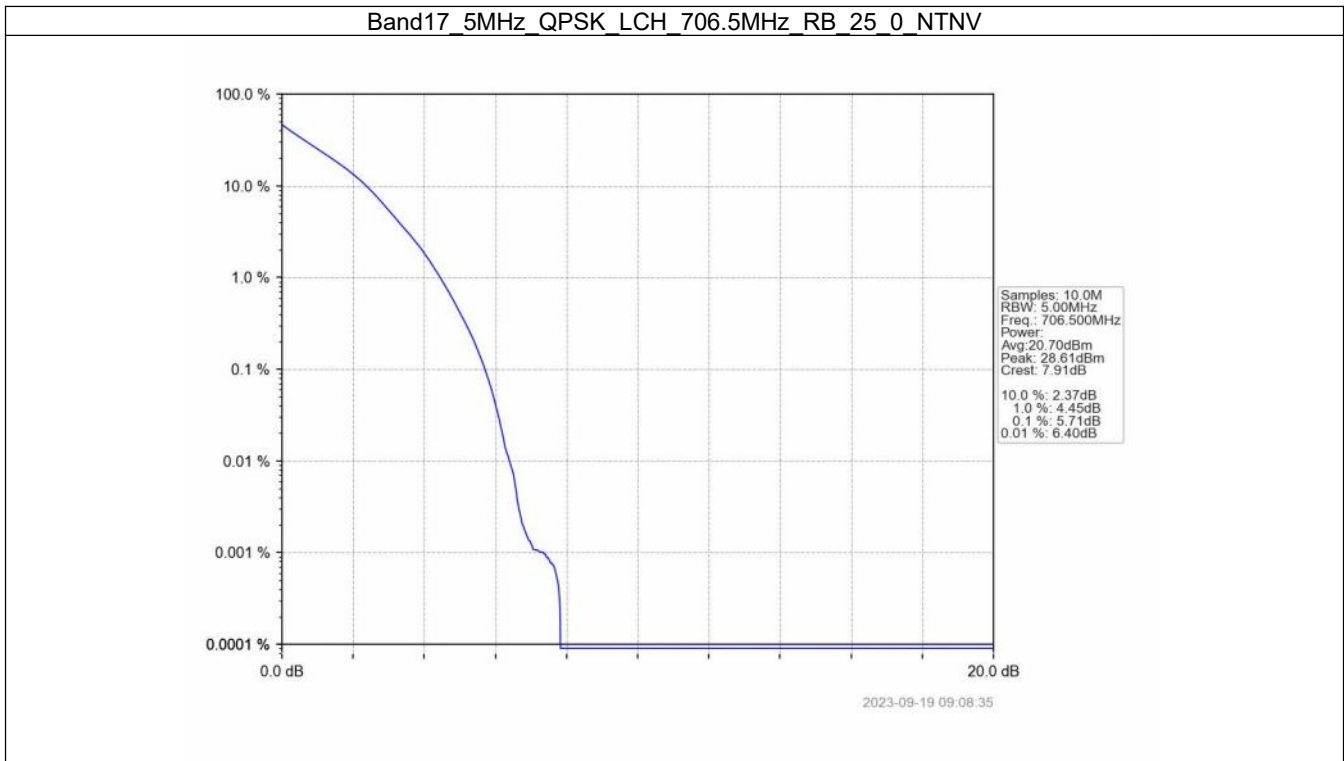
### 5.1 B17\_5MHz

#### 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	5.71	<=13	Pass
	710	25	0	5.58	<=13	Pass
	713.5	25	0	5.49	<=13	Pass
16QAM	706.5	25	0	6.41	<=13	Pass
	710	25	0	6.26	<=13	Pass
	713.5	25	0	6.31	<=13	Pass

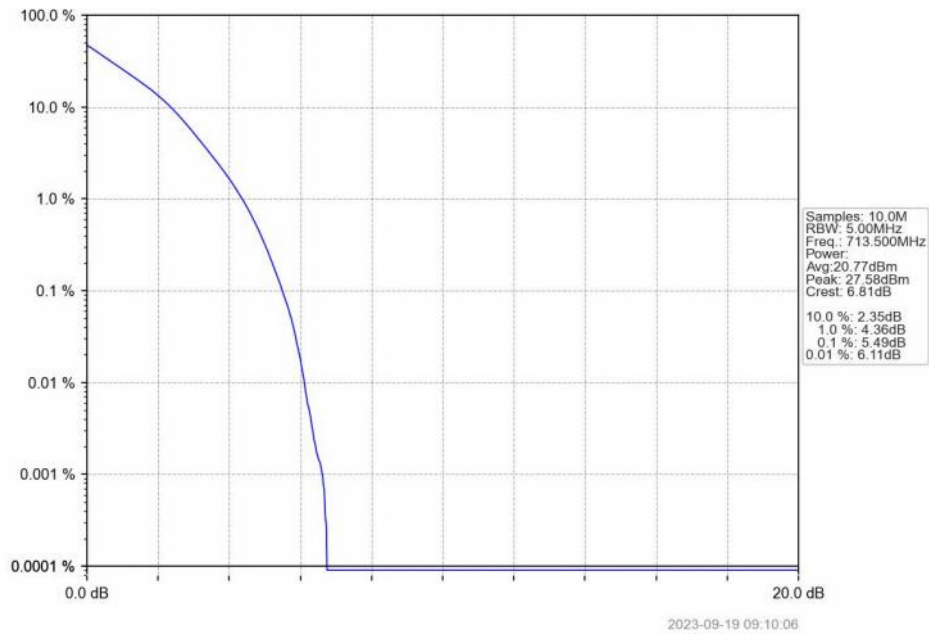


### 5.1.2 Test Graph

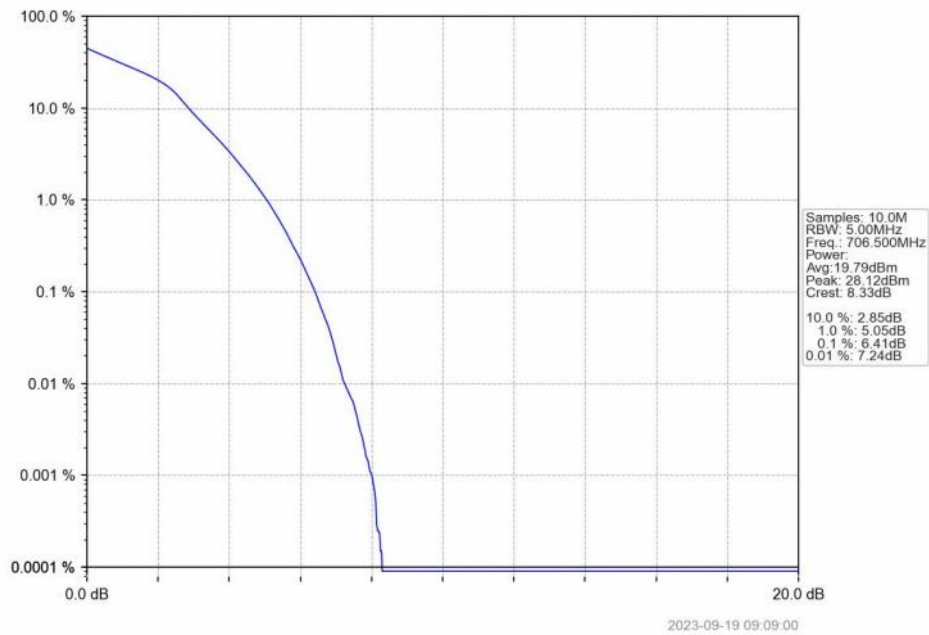




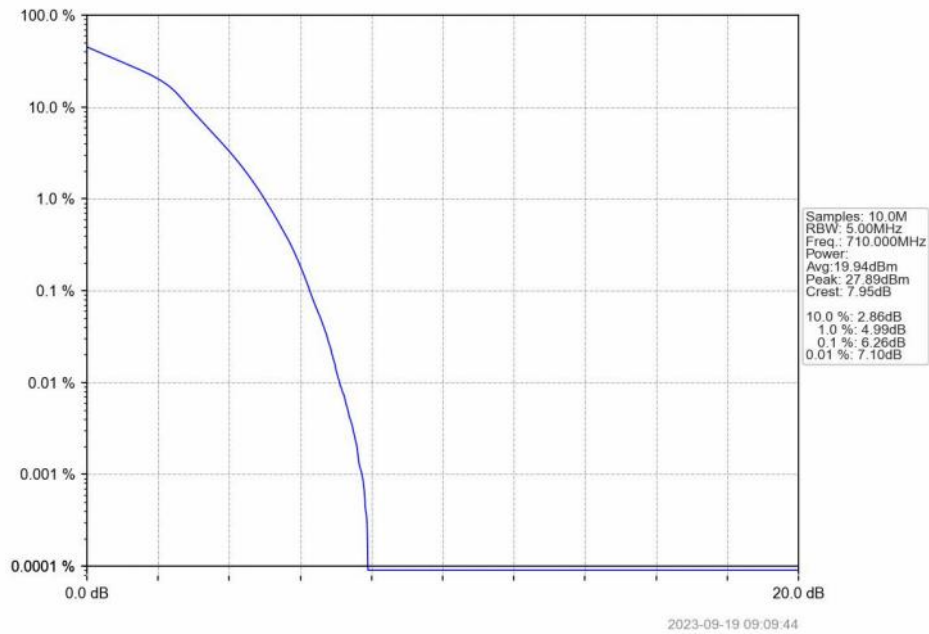
Band17\_5MHz\_QPSK\_HCH\_713.5MHz\_RB\_25\_0\_NTNV



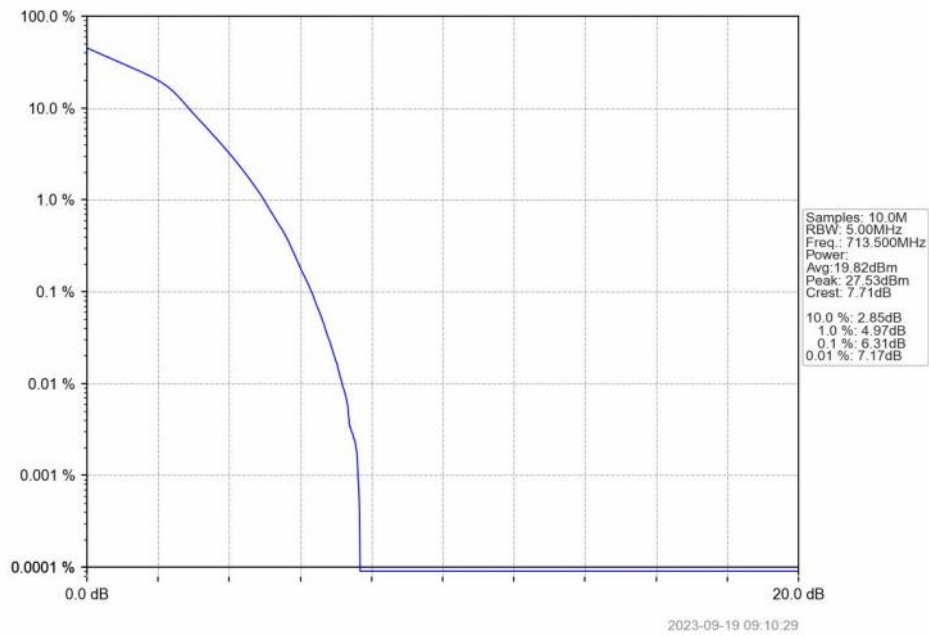
Band17\_5MHz\_16QAM\_LCH\_706.5MHz\_RB\_25\_0\_NTNV



Band17\_5MHz\_16QAM\_MCH\_710MHz\_RB\_25\_0\_NTNV



Band17\_5MHz\_16QAM\_HCH\_713.5MHz\_RB\_25\_0\_NTNV

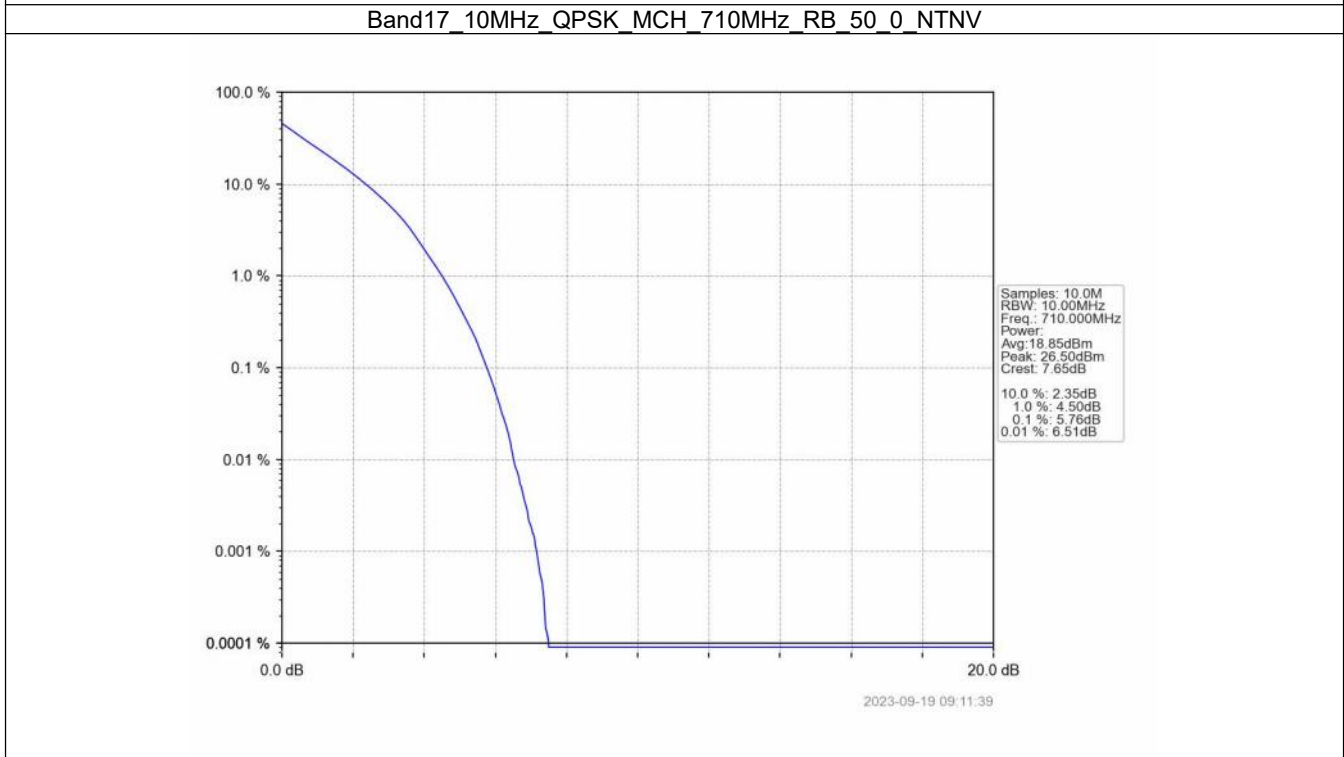
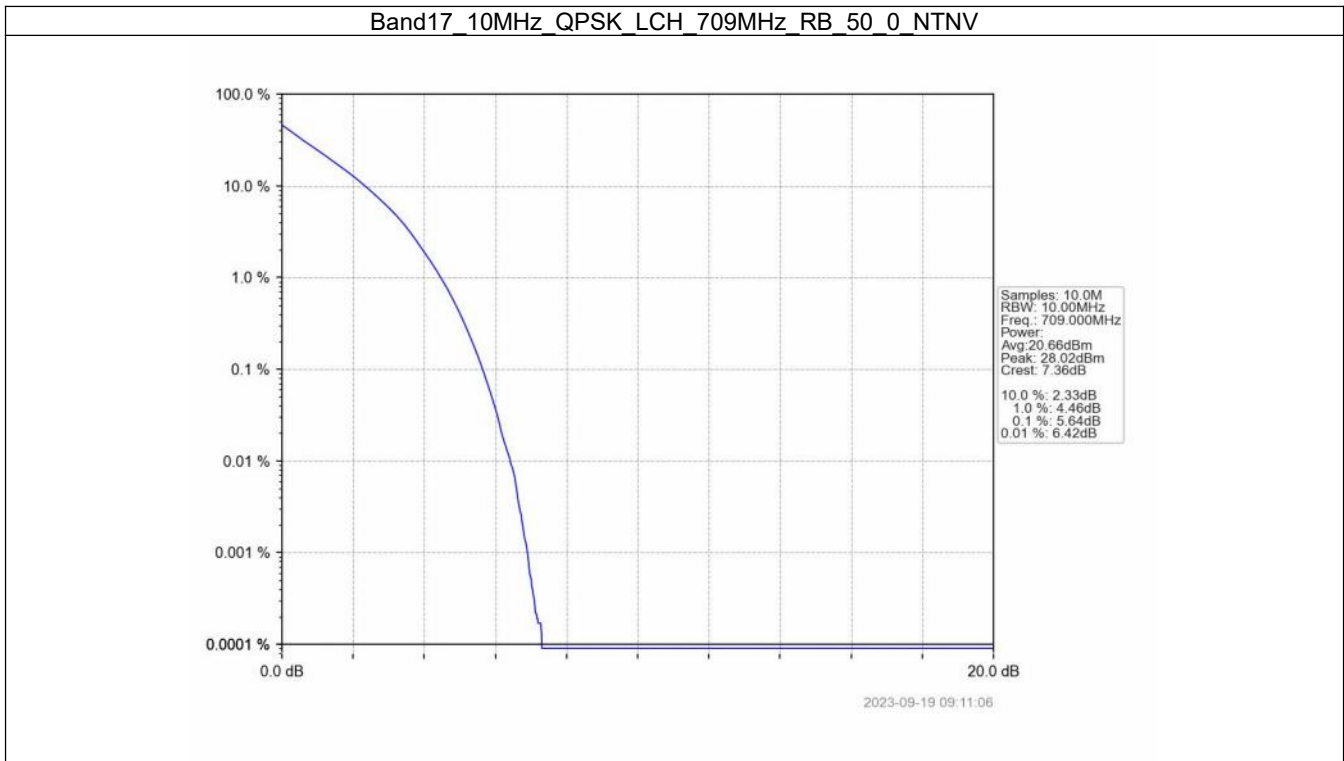


## 5.2 B17\_10MHz

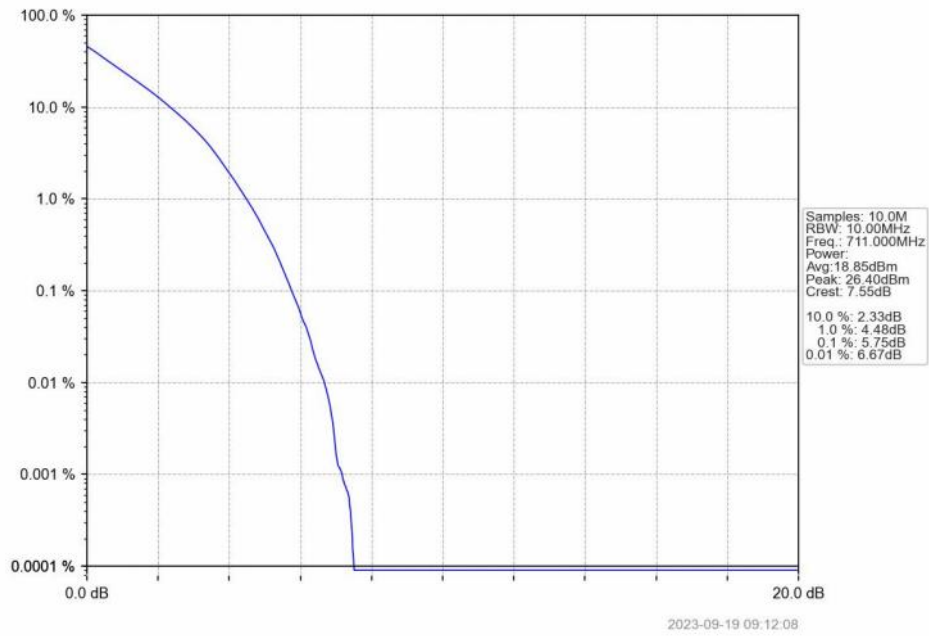
## 5.2.1 Test Result

Band: 17 / Bandwidth: 10MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	709	50	0	5.64	<=13	Pass
	710	50	0	5.76	<=13	Pass
	711	50	0	5.75	<=13	Pass
16QAM	709	50	0	7.15	<=13	Pass
	710	50	0	6.03	<=13	Pass
	711	50	0	5.95	<=13	Pass

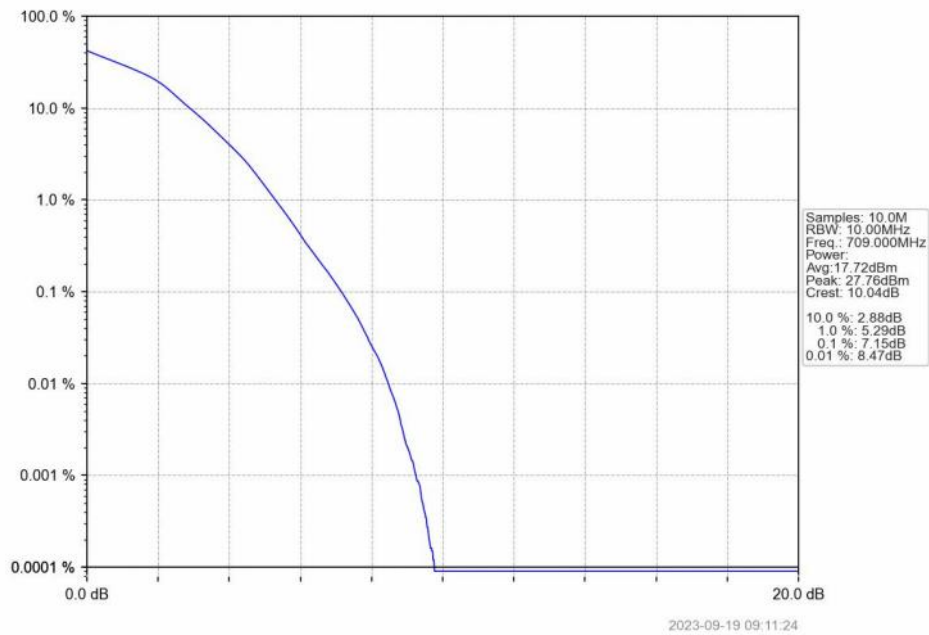
### 5.2.2 Test Graph



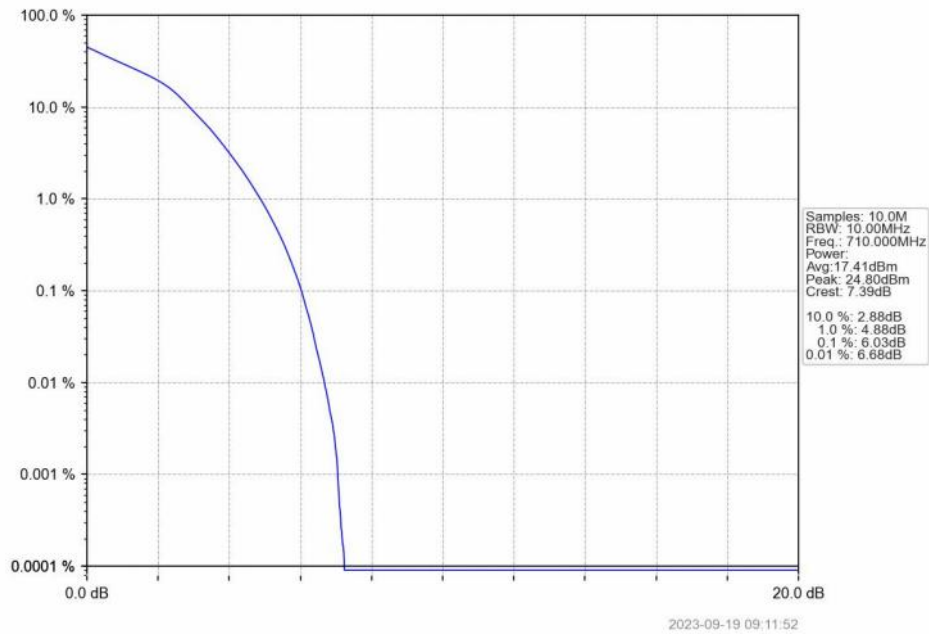
Band17\_10MHz\_QPSK\_HCH\_711MHz\_RB\_50\_0\_NTNV



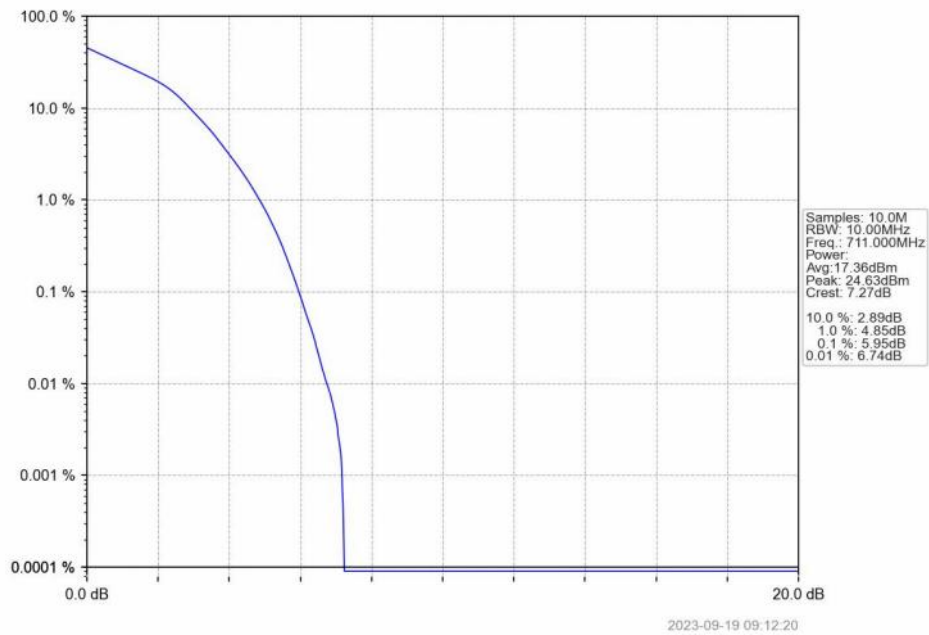
Band17\_10MHz\_16QAM\_LCH\_709MHz\_RB\_50\_0\_NTNV



Band17\_10MHz\_16QAM\_MCH\_710MHz\_RB\_50\_0\_NTNV



Band17\_10MHz\_16QAM\_HCH\_711MHz\_RB\_50\_0\_NTNV



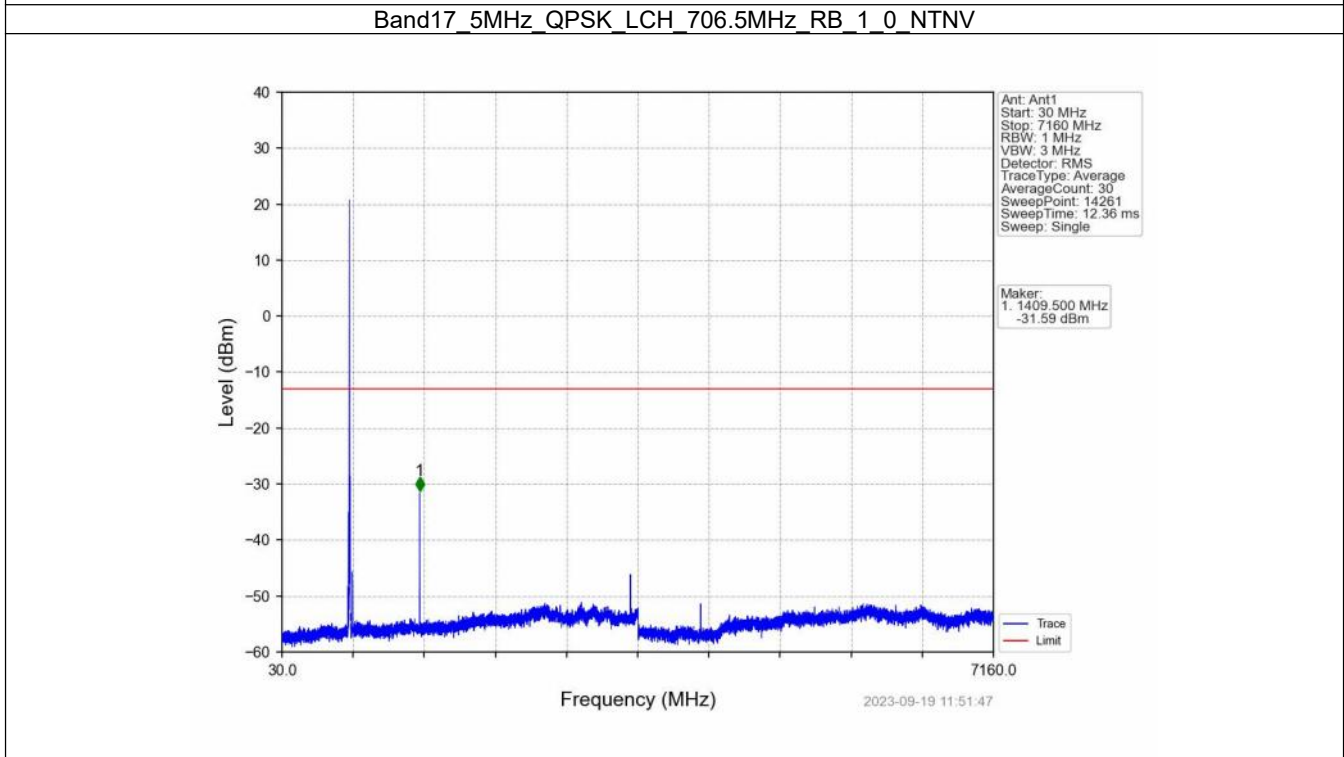
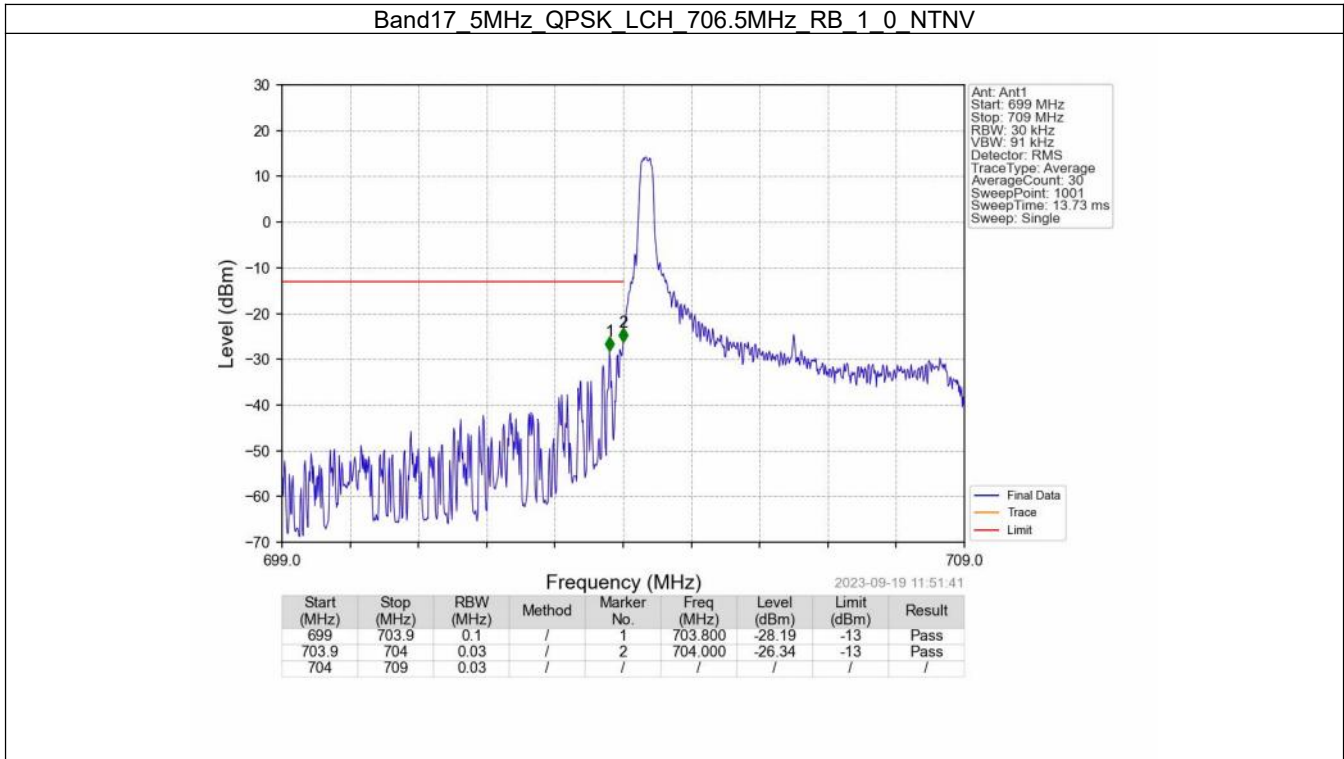
## 6. Spurious Emission

### 6.1 B17\_5MHz

#### 6.1.1 Test Result

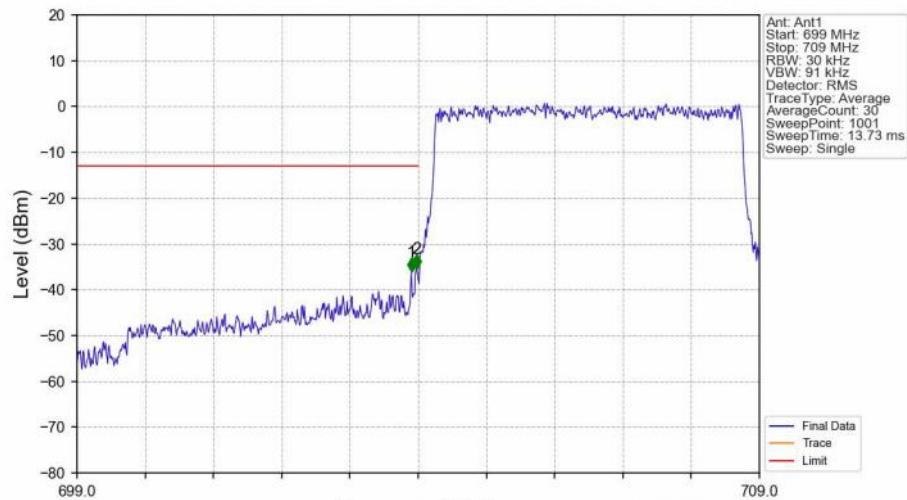
Band: 17 / Bandwidth: 5MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	706.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	710	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
	713.5		1	24	Refer To Test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

6.1.2 Test Graph



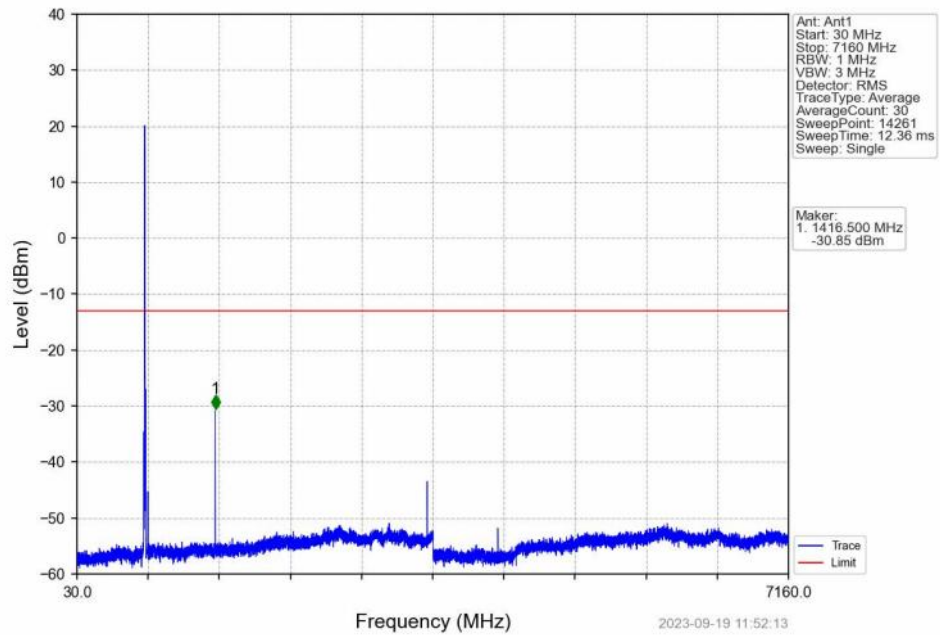


Band17\_5MHz\_QPSK\_LCH\_706.5MHz\_RB\_25\_0\_NTNV

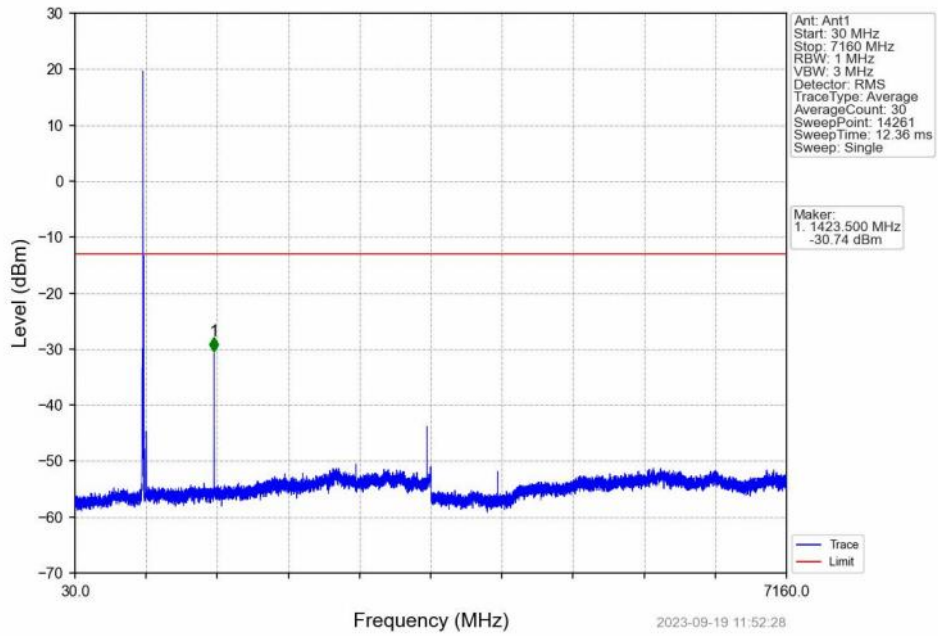


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	/	1	703.900	-36.09	-13	Pass
703.9	704	0.03	/	2	703.980	-35.33	-13	Pass
704	709	0.03	/	/	/	/	/	/

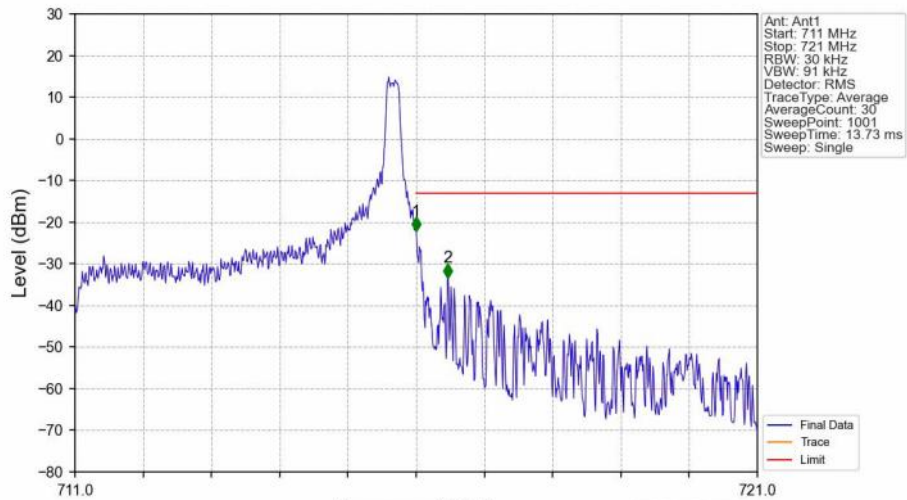
Band17\_5MHz\_QPSK\_MCH\_710MHz\_RB\_1\_0\_NTNV



Band17\_5MHz\_QPSK\_HCH\_713.5MHz\_RB\_1\_0\_NTNV

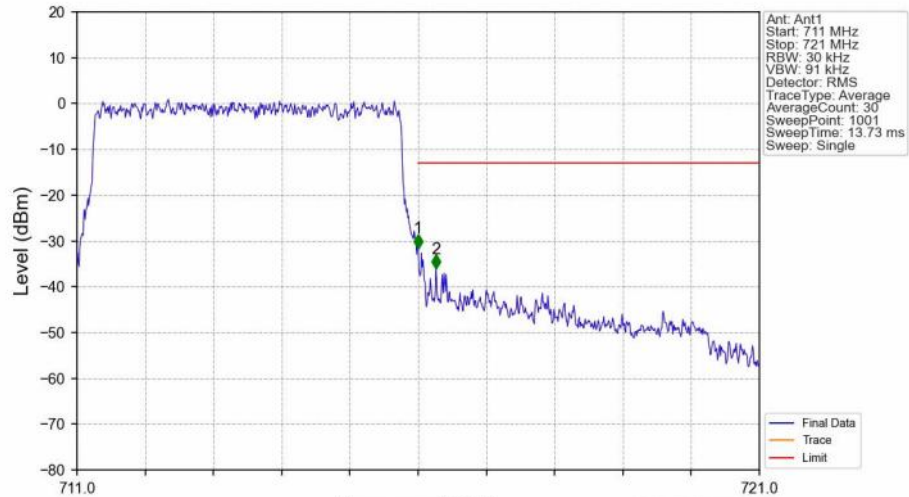


Band17\_5MHz\_QPSK\_HCH\_713.5MHz\_RB\_1\_24\_NTNV



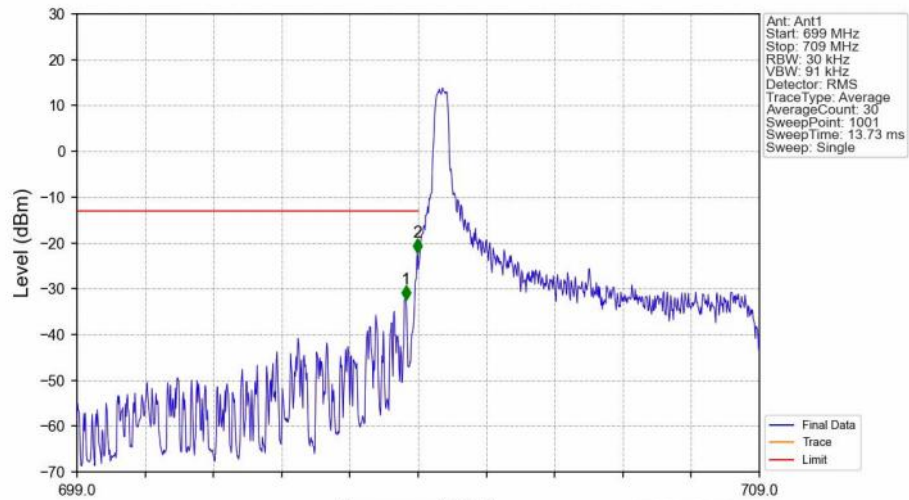
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-22.15	-13	Pass
716.1	721	0.1	/	2	716.460	-33.37	-13	Pass

Band17\_5MHz\_QPSK\_HCH\_713.5MHz\_RB\_25\_0\_NTNV



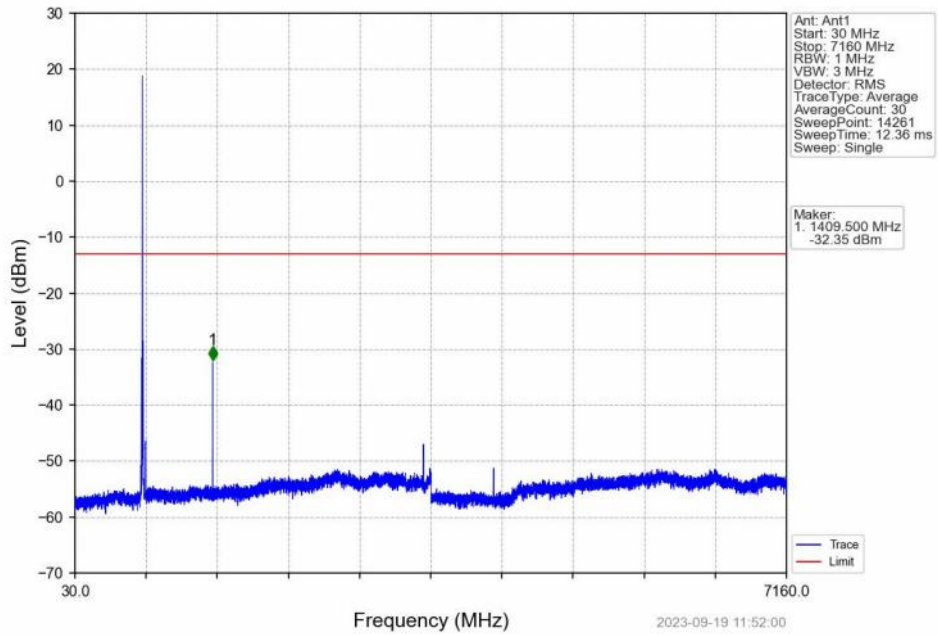
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-31.62	-13	Pass
716.1	721	0.1	/	2	716.260	-36.03	-13	Pass

Band17\_5MHz\_16QAM\_LCH\_706.5MHz\_RB\_1\_0\_NTNV

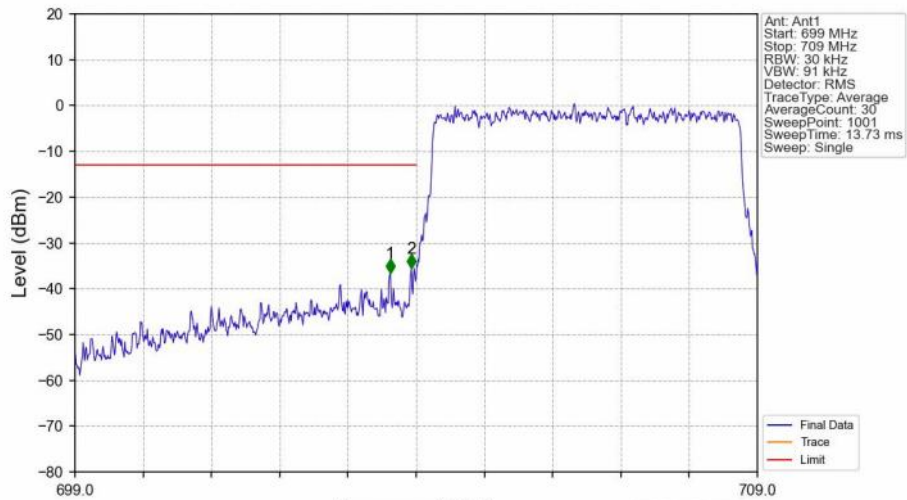


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	/	/	/	/	/	/
703.9	704	0.03	/	2	703.990	-22.15	-13	Pass
704	709	0.03	/	/	/	/	/	/

Band17\_5MHz\_16QAM\_LCH\_706.5MHz\_RB\_1\_0\_NTNV

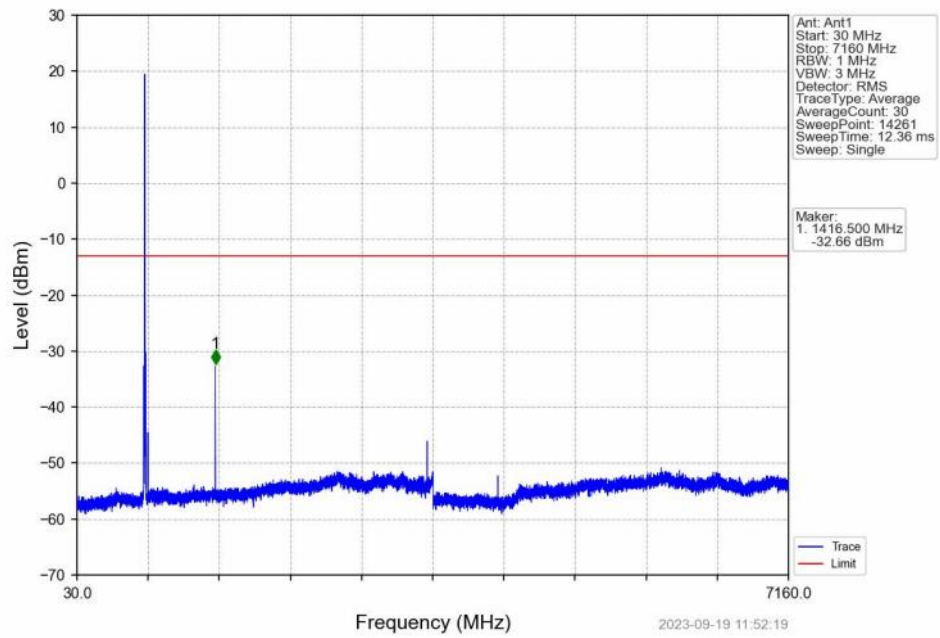


Band17\_5MHz\_16QAM\_LCH\_706.5MHz\_RB\_25\_0\_NTNV

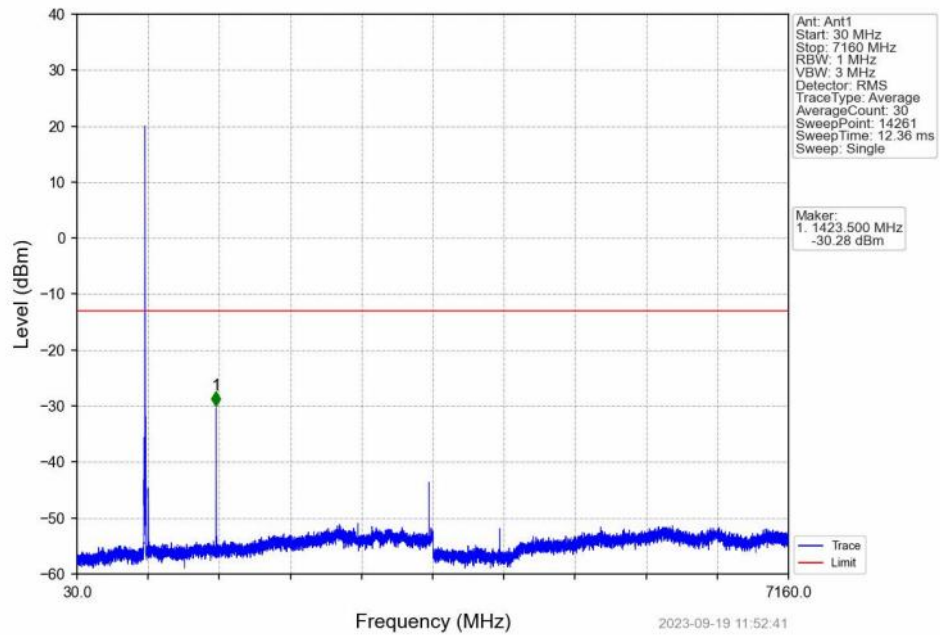


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	/	1	703.620	-36.62	-13	Pass
703.9	704	0.03	/	2	703.930	-35.51	-13	Pass
704	709	0.03	/	/	/	/	/	/

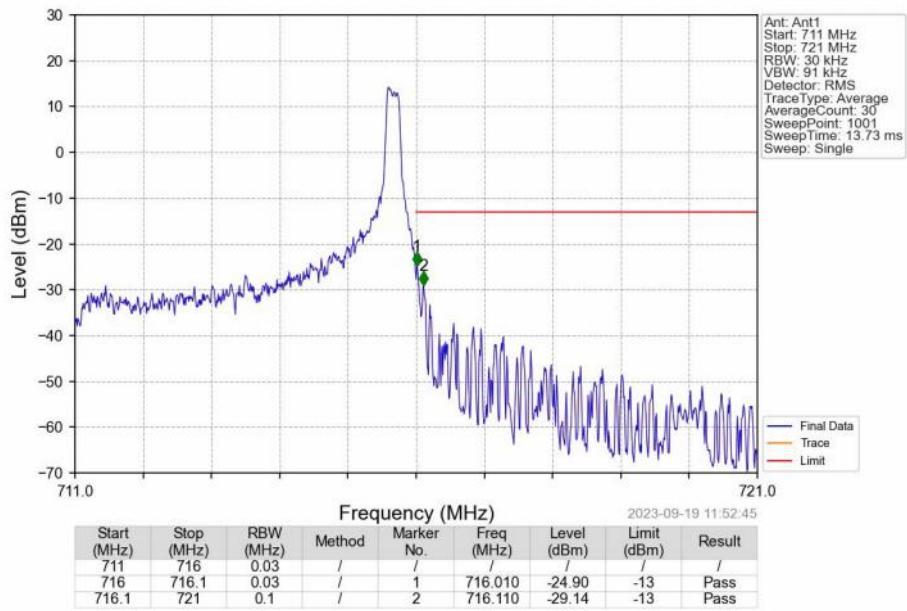
Band17\_5MHz\_16QAM\_MCH\_710MHz\_RB\_1\_0\_NTNV



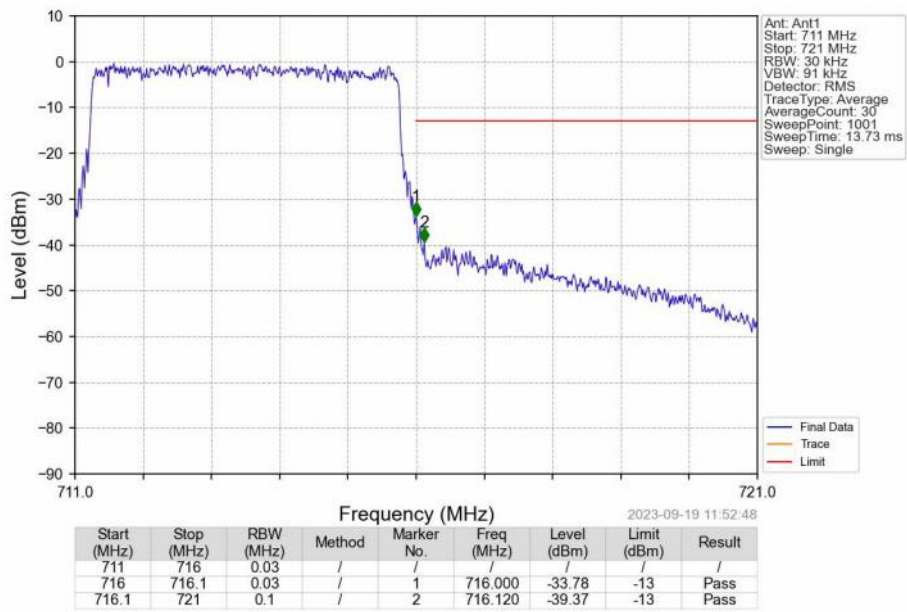
Band17\_5MHz\_16QAM\_HCH\_713.5MHz\_RB\_1\_0\_NTNV



Band17\_5MHz\_16QAM\_HCH\_713.5MHz\_RB\_1\_24\_NTNV



Band17\_5MHz\_16QAM\_HCH\_713.5MHz\_RB\_25\_0\_NTNV



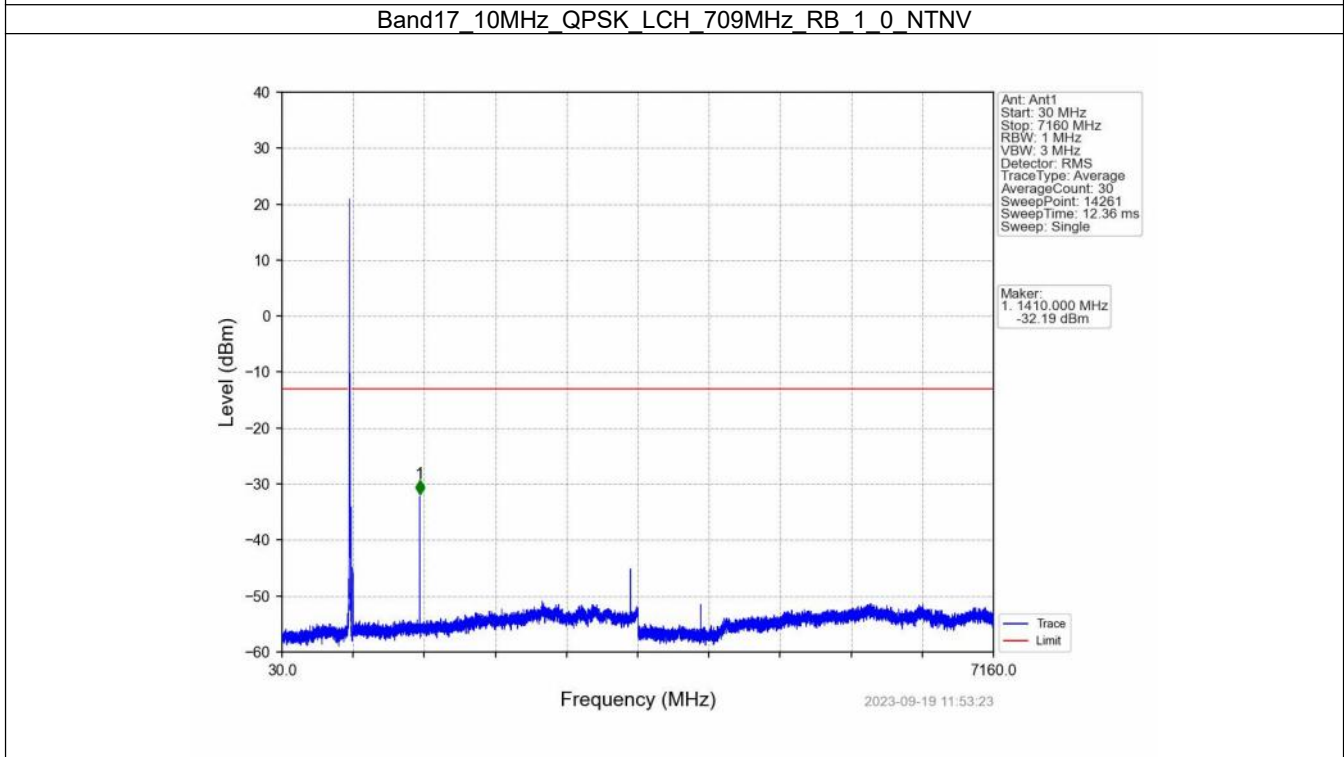
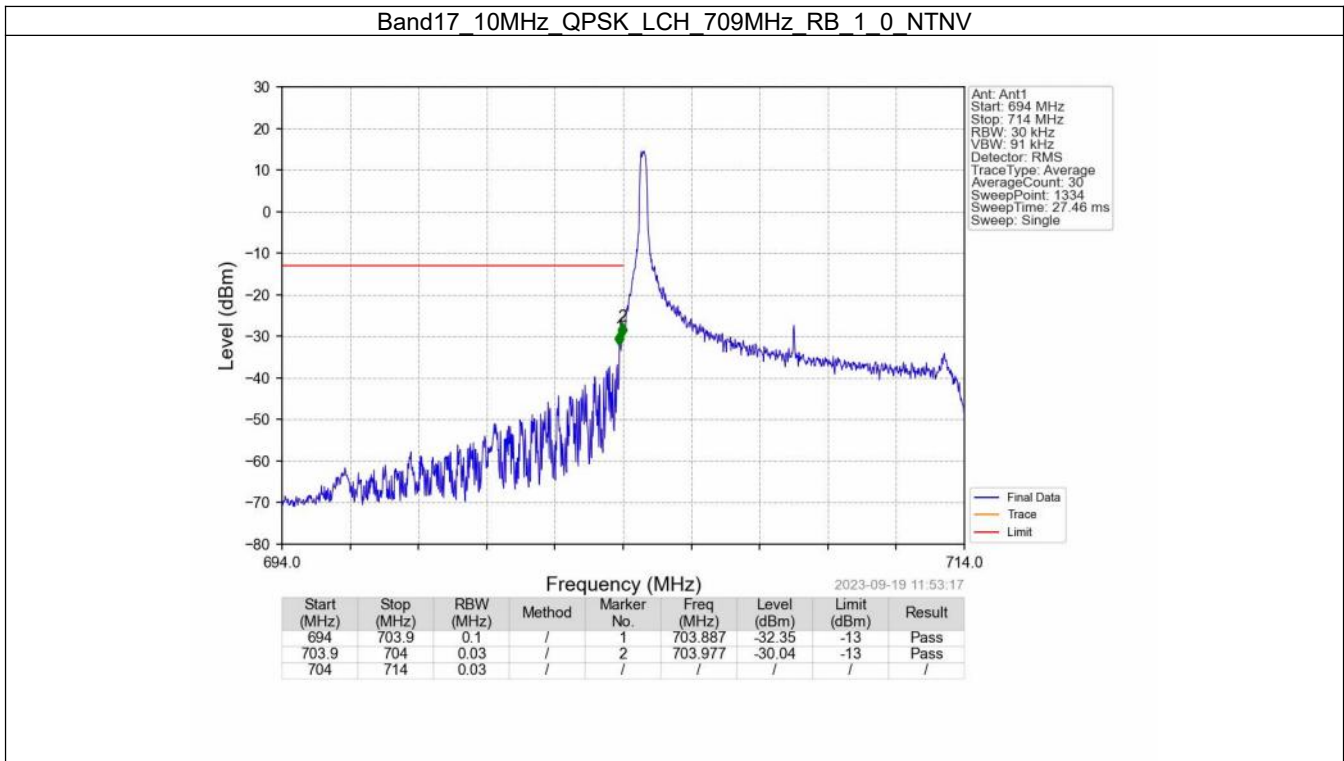
## 6.2 B17\_10MHz

## 6.2.1 Test Result

Band: 17 / Bandwidth: 10MHz / NTN						
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
	711	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
16QAM	709	1	0	Refer To Test Graph		Pass
		50	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
			0	Refer To Test Graph		Pass

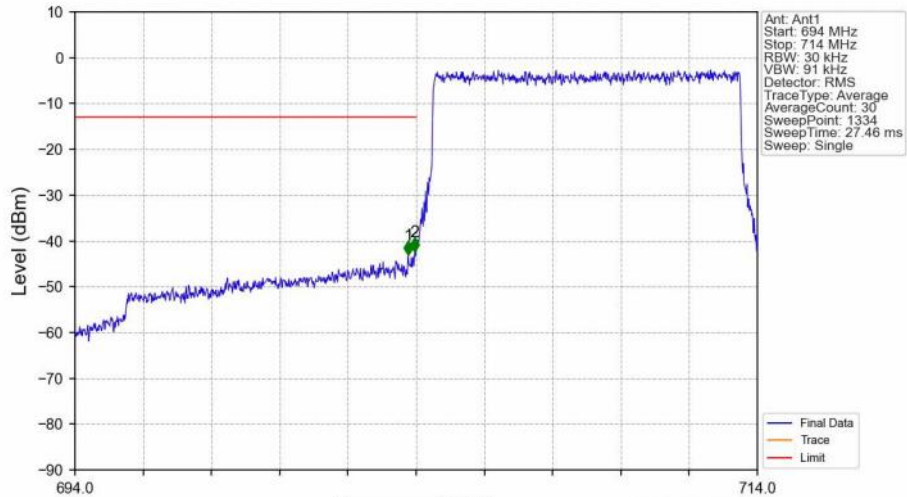


6.2.2 Test Graph





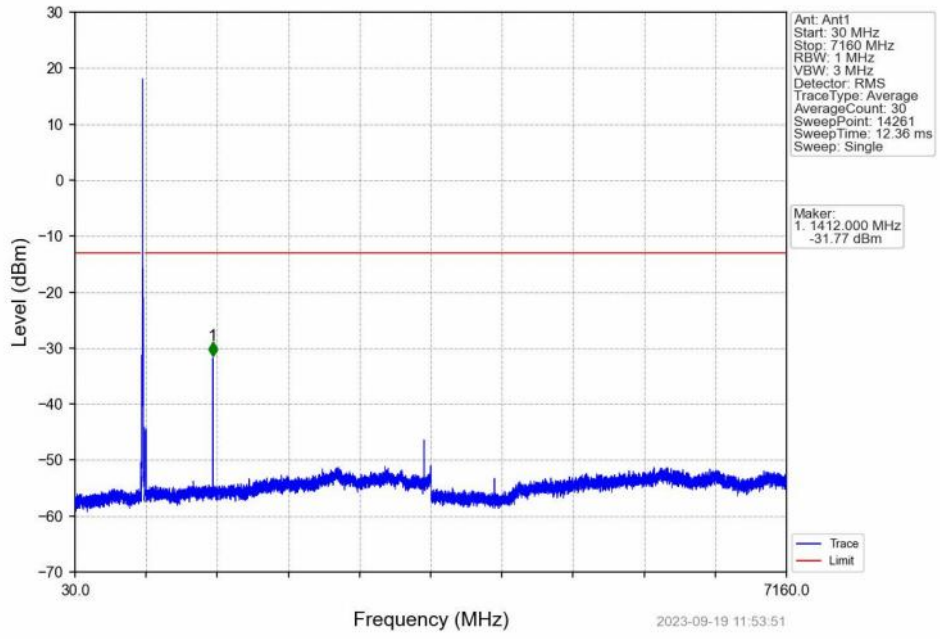
Band17\_10MHz\_QPSK\_LCH\_709MHz\_RB\_50\_0\_NTNV



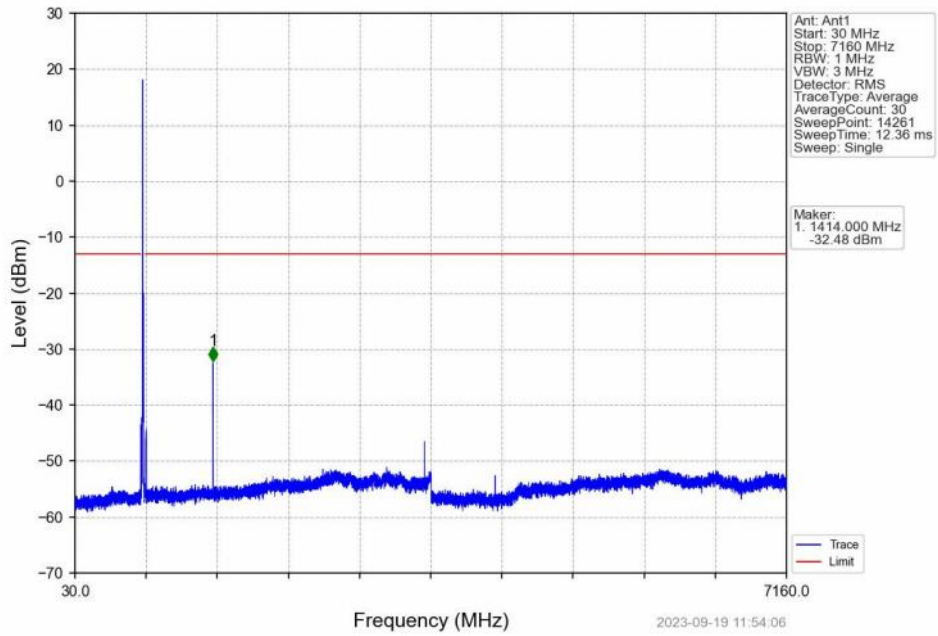
2023-09-19 11:53:28

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	/	1	703.767	-43.09	-13	Pass
703.9	704	0.03	/	2	703.962	-42.39	-13	Pass
704	714	0.03	/	/	/	/	/	/

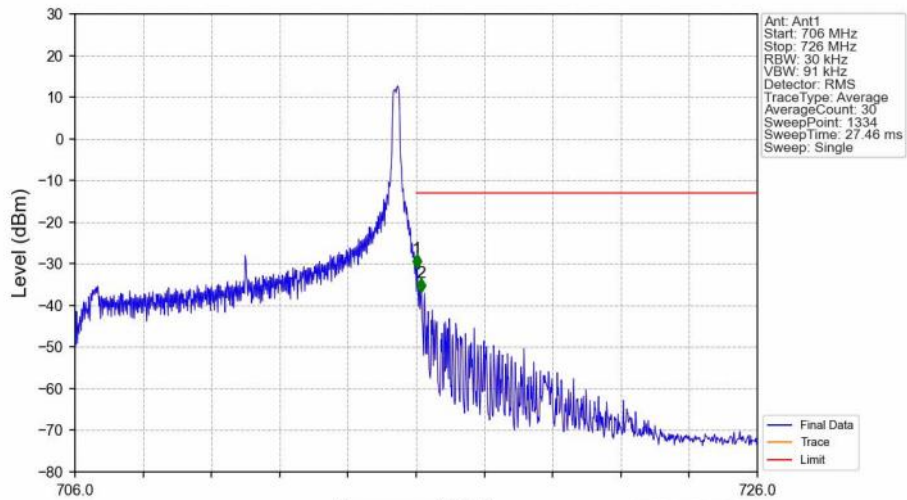
Band17\_10MHz\_QPSK\_MCH\_710MHz\_RB\_1\_0\_NTNV



Band17\_10MHz\_QPSK\_HCH\_711MHz\_RB\_1\_0\_NTNV

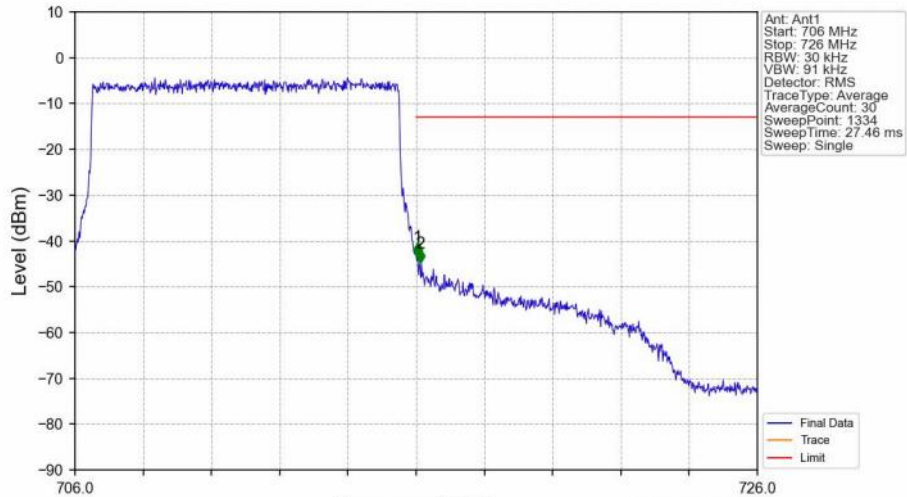


Band17\_10MHz\_QPSK\_HCH\_711MHz\_RB\_1\_49\_NTNV



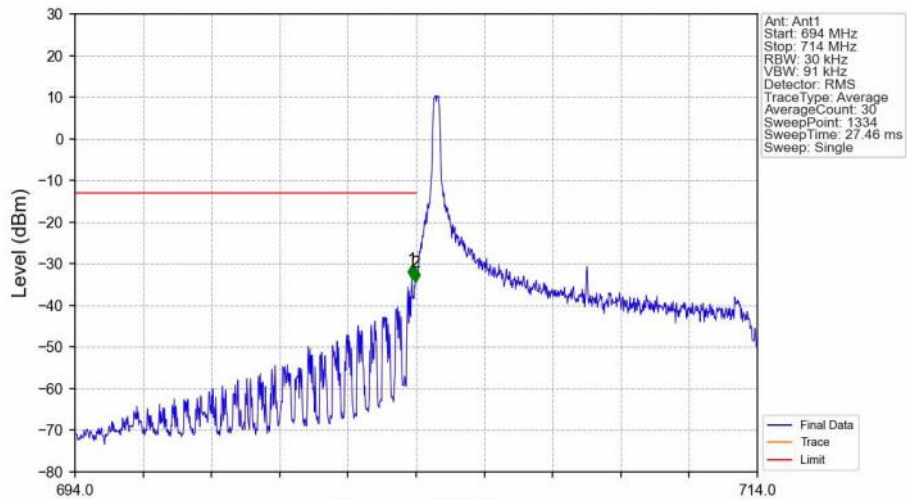
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.023	-31.10	-13	Pass
716.1	726	0.1	/	2	716.143	-36.94	-13	Pass

Band17\_10MHz\_QPSK\_HCH\_711MHz\_RB\_50\_0\_NTNV



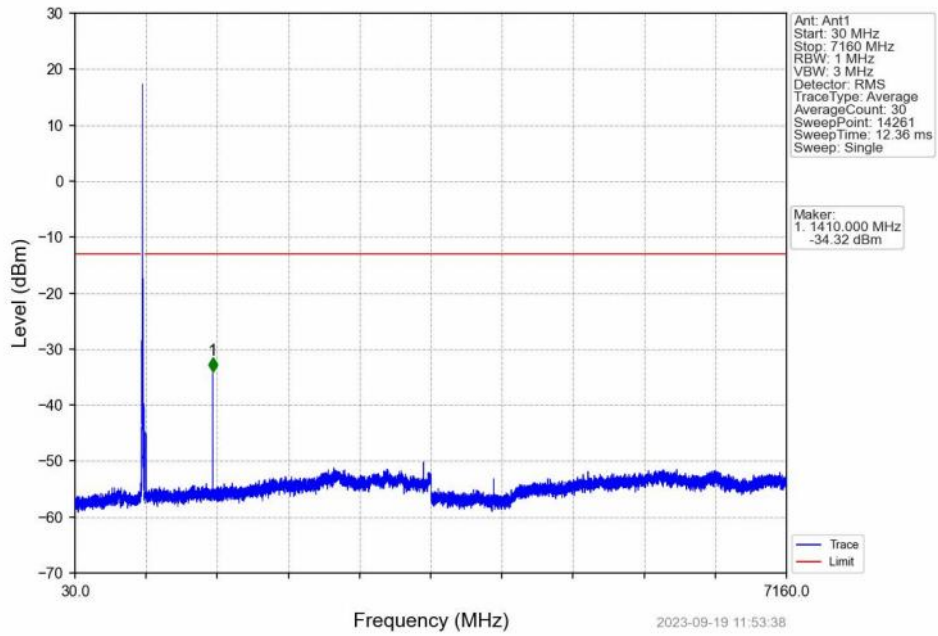
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.038	-43.43	-13	Pass
716.1	726	0.1	/	2	716.113	-44.92	-13	Pass

Band17\_10MHz\_16QAM\_LCH\_709MHz\_RB\_1\_0\_NTNV

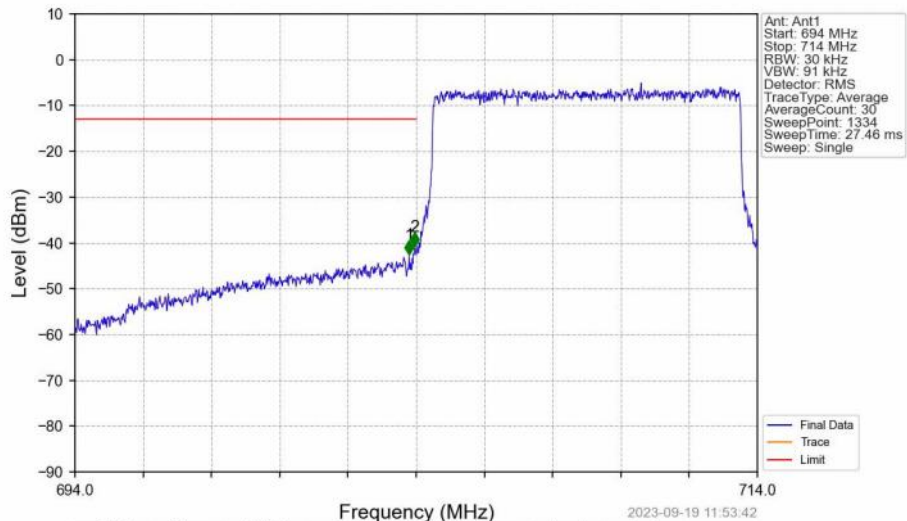


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	/	1	703.872	-33.71	-13	Pass
703.9	704	0.03	/	2	703.977	-34.38	-13	Pass
704	714	0.03	/	/	/	/	/	/

Band17\_10MHz\_16QAM\_LCH\_709MHz\_RB\_1\_0\_NTNV

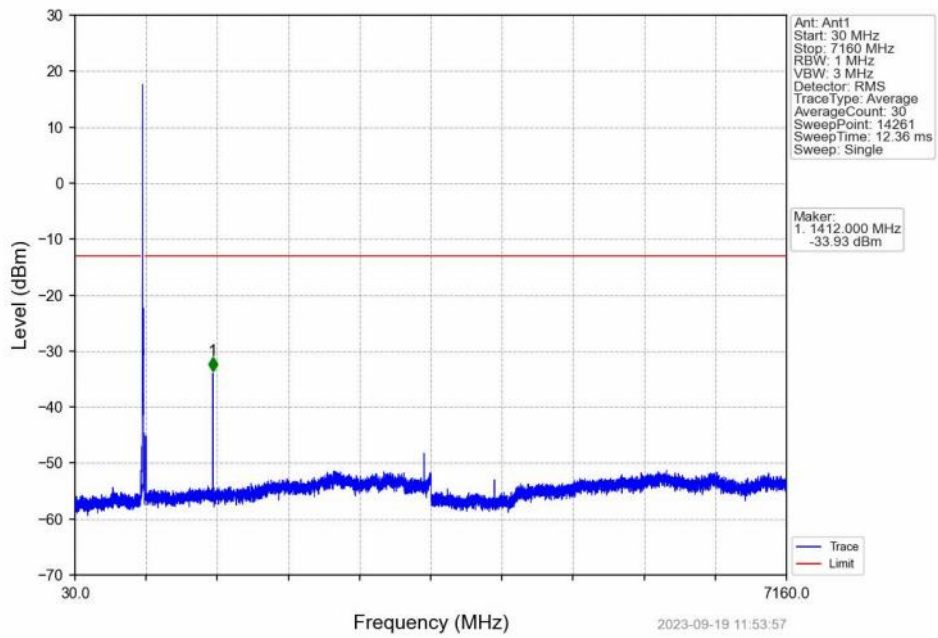


Band17\_10MHz\_16QAM\_LCH\_709MHz\_RB\_50\_0\_NTNV

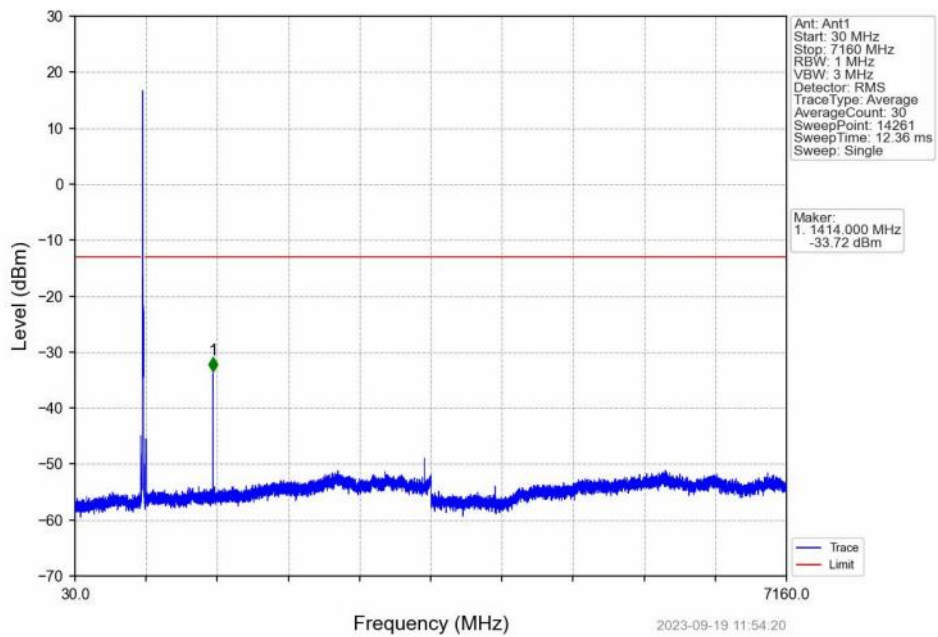


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	/	1	703.797	-42.62	-13	Pass
703.9	704	0.03	/	2	703.962	-40.78	-13	Pass
704	714	0.03	/	/	/	/	/	/

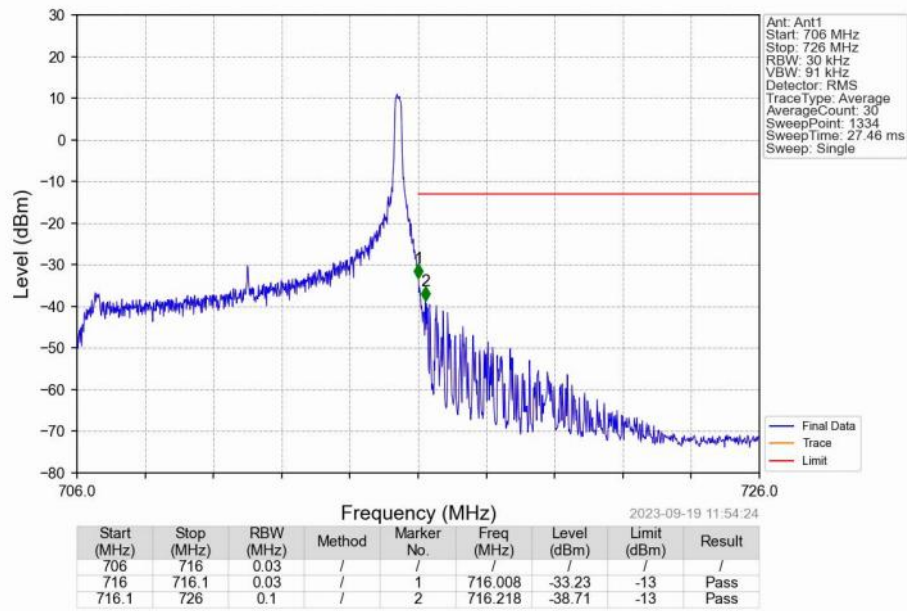
Band17\_10MHz\_16QAM\_MCH\_710MHz\_RB\_1\_0\_NTNV



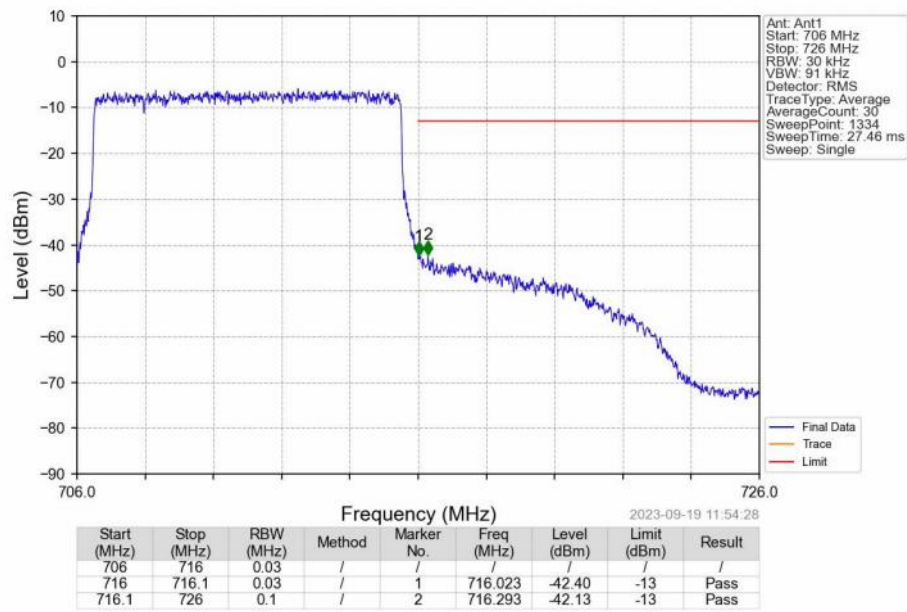
Band17\_10MHz\_16QAM\_HCH\_711MHz\_RB\_1\_0\_NTNV



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	0.1393	0.0178	ppm	4M58G7D	27H	21.44
17	5	706.5	713.5	0.0718	0.0217	ppm	4M62W7D	27H	18.56
17	10	709	711	0.1377	0.0618	ppm	9M09G7D	27H	21.39
17	10	709	711	0.1274	0.0632	ppm	9M11W7D	27H	21.05

### 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	0.0871	0.0178	ppm	4M58G7D	27H	19.40
17	5	706.5	713.5	0.0449	0.0217	ppm	4M62W7D	27H	16.52
17	10	709	711	0.0861	0.0618	ppm	9M09G7D	27H	19.35
17	10	709	711	0.0796	0.0632	ppm	9M11W7D	27H	19.01