

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	23.71	0.88	22.44	<=34.77	Pass		
			13	23.93	0.88	22.66	<=34.77	Pass		
			24	23.85	0.88	22.58	<=34.77	Pass		
		12	0	22.92	0.88	21.65	<=34.77	Pass		
			6	23.04	0.88	21.77	<=34.77	Pass		
			13	22.98	0.88	21.71	<=34.77	Pass		
		25	0	22.86	0.88	21.59	<=34.77	Pass		
		710	1	0	23.85	0.88	22.58	<=34.77	Pass	
				13	23.93	0.88	22.66	<=34.77	Pass	
	24			23.81	0.88	22.54	<=34.77	Pass		
	12		0	22.84	0.88	21.57	<=34.77	Pass		
			6	22.93	0.88	21.66	<=34.77	Pass		
			13	22.85	0.88	21.58	<=34.77	Pass		
	25		0	22.87	0.88	21.60	<=34.77	Pass		
	713.5		1	0	23.78	0.88	22.51	<=34.77	Pass	
				13	24.10	0.88	22.83	<=34.77	Pass	
		24		23.78	0.88	22.51	<=34.77	Pass		
		12	0	22.86	0.88	21.59	<=34.77	Pass		
			6	22.97	0.88	21.70	<=34.77	Pass		
			13	22.94	0.88	21.67	<=34.77	Pass		
		25	0	22.99	0.88	21.72	<=34.77	Pass		
		16QAM	706.5	1	0	23.26	0.88	21.99	<=34.77	Pass
					13	23.66	0.88	22.39	<=34.77	Pass
	24				23.35	0.88	22.08	<=34.77	Pass	
12	0			21.80	0.88	20.53	<=34.77	Pass		
	6			22.05	0.88	20.78	<=34.77	Pass		
	13			21.94	0.88	20.67	<=34.77	Pass		
25	0			21.84	0.88	20.57	<=34.77	Pass		
710	1			0	22.15	0.88	20.88	<=34.77	Pass	
				13	22.63	0.88	21.36	<=34.77	Pass	
			24	22.09	0.88	20.82	<=34.77	Pass		
	12		0	21.78	0.88	20.51	<=34.77	Pass		
			6	21.93	0.88	20.66	<=34.77	Pass		
			13	21.95	0.88	20.68	<=34.77	Pass		
	25		0	21.76	0.88	20.49	<=34.77	Pass		
	713.5		1	0	22.80	0.88	21.53	<=34.77	Pass	
				13	23.10	0.88	21.83	<=34.77	Pass	
24				22.83	0.88	21.56	<=34.77	Pass		
12			0	21.95	0.88	20.68	<=34.77	Pass		
			6	21.89	0.88	20.62	<=34.77	Pass		
			13	21.70	0.88	20.43	<=34.77	Pass		
25			0	22.04	0.88	20.77	<=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 / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	709	1	0	24.03	0.88	22.76	<=34.77	Pass		
			25	24.42	0.88	23.15	<=34.77	Pass		
			49	24.07	0.88	22.80	<=34.77	Pass		
		25	0	22.97	0.88	21.70	<=34.77	Pass		
			13	23.06	0.88	21.79	<=34.77	Pass		
			25	22.98	0.88	21.71	<=34.77	Pass		
		50	0	22.96	0.88	21.69	<=34.77	Pass		
		710	1	0	24.00	0.88	22.73	<=34.77	Pass	
				25	24.22	0.88	22.95	<=34.77	Pass	
	49			23.74	0.88	22.47	<=34.77	Pass		
	25		0	22.90	0.88	21.63	<=34.77	Pass		
			13	22.96	0.88	21.69	<=34.77	Pass		
			25	22.92	0.88	21.65	<=34.77	Pass		
	50		0	22.98	0.88	21.71	<=34.77	Pass		
	711		1	0	24.06	0.88	22.79	<=34.77	Pass	
				25	24.13	0.88	22.86	<=34.77	Pass	
		49		23.83	0.88	22.56	<=34.77	Pass		
		25	0	22.94	0.88	21.67	<=34.77	Pass		
			13	22.94	0.88	21.67	<=34.77	Pass		
			25	22.88	0.88	21.61	<=34.77	Pass		
		50	0	22.93	0.88	21.66	<=34.77	Pass		
		16QAM	709	1	0	23.06	0.88	21.79	<=34.77	Pass
					25	23.94	0.88	22.67	<=34.77	Pass
	49				22.67	0.88	21.40	<=34.77	Pass	
25	0			22.04	0.88	20.77	<=34.77	Pass		
	13			22.21	0.88	20.94	<=34.77	Pass		
	25			22.01	0.88	20.74	<=34.77	Pass		
50	0			21.95	0.88	20.68	<=34.77	Pass		
710	1			0	23.19	0.88	21.92	<=34.77	Pass	
				25	23.69	0.88	22.42	<=34.77	Pass	
			49	23.03	0.88	21.76	<=34.77	Pass		
	25		0	22.01	0.88	20.74	<=34.77	Pass		
			13	22.14	0.88	20.87	<=34.77	Pass		
			25	21.72	0.88	20.45	<=34.77	Pass		
	50		0	21.96	0.88	20.69	<=34.77	Pass		
	711		1	0	23.62	0.88	22.35	<=34.77	Pass	
				25	23.40	0.88	22.13	<=34.77	Pass	
49				22.83	0.88	21.56	<=34.77	Pass		
25			0	22.06	0.88	20.79	<=34.77	Pass		
			13	22.09	0.88	20.82	<=34.77	Pass		
			25	22.01	0.88	20.74	<=34.77	Pass		
50			0	22.04	0.88	20.77	<=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	1.073	0.0015	-2.5 to 2.5	Pass				
					3.85	0.372	0.0005	-2.5 to 2.5	Pass				
					4.43	0.000	0.0000	-2.5 to 2.5	Pass				
				-30	3.85	0.157	0.0002	-2.5 to 2.5	Pass				
					-20	3.85	0.358	0.0005	-2.5 to 2.5	Pass			
					-10	3.85	-1.330	-0.0019	-2.5 to 2.5	Pass			
				710	25	0	0	3.85	-0.715	-0.0010	-2.5 to 2.5	Pass	
								10	3.85	0.229	0.0003	-2.5 to 2.5	Pass
								30	3.85	-0.243	-0.0003	-2.5 to 2.5	Pass
	40	3.85	-0.072				-0.0001	-2.5 to 2.5	Pass				
		50	3.85				-1.373	-0.0019	-2.5 to 2.5	Pass			
		20	3.27				0.501	0.0007	-2.5 to 2.5	Pass			
	3.85		0.200				0.0003	-2.5 to 2.5	Pass				
	4.43		0.830				0.0012	-2.5 to 2.5	Pass				
	713.5	25	0				-30	3.85	1.073	0.0015	-2.5 to 2.5	Pass	
				-20	3.85	1.230		0.0017	-2.5 to 2.5	Pass			
				-10	3.85	0.572		0.0008	-2.5 to 2.5	Pass			
				0	3.85	0.801	0.0011	-2.5 to 2.5	Pass				
					10	3.85	0.629	0.0009	-2.5 to 2.5	Pass			
					30	3.85	0.014	0.0000	-2.5 to 2.5	Pass			
				40	3.85	0.157	0.0002	-2.5 to 2.5	Pass				
					50	3.85	0.658	0.0009	-2.5 to 2.5	Pass			
					20	3.27	0.544	0.0008	-2.5 to 2.5	Pass			
	3.85	0.043	0.0001	-2.5 to 2.5		Pass							
	4.43	0.715	0.0010	-2.5 to 2.5		Pass							
	16QAM	706.5	25	0	-30	3.85	0.157	0.0002	-2.5 to 2.5	Pass			
						-20	3.85	-0.029	0.0000	-2.5 to 2.5	Pass		
-10						3.85	0.916	0.0013	-2.5 to 2.5	Pass			
0					3.85	0.801	0.0011	-2.5 to 2.5	Pass				
					10	3.85	0.958	0.0013	-2.5 to 2.5	Pass			
					30	3.85	0.858	0.0012	-2.5 to 2.5	Pass			
40					3.85	-0.515	-0.0007	-2.5 to 2.5	Pass				
					50	3.85	-0.114	-0.0002	-2.5 to 2.5	Pass			
					20	3.27	0.286	0.0004	-2.5 to 2.5	Pass			
3.85		0.830	0.0012	-2.5 to 2.5		Pass							
4.43		0.143	0.0002	-2.5 to 2.5		Pass							
710		25	0	-30	3.85	0.415	0.0006	-2.5 to 2.5	Pass				
					-20	3.85	-0.215	-0.0003	-2.5 to 2.5	Pass			
					-10	3.85	-0.401	-0.0006	-2.5 to 2.5	Pass			
				0	3.85	0.558	0.0008	-2.5 to 2.5	Pass				
					10	3.85	-0.815	-0.0012	-2.5 to 2.5	Pass			
					30	3.85	0.000	0.0000	-2.5 to 2.5	Pass			
				40	3.85	0.057	0.0001	-2.5 to 2.5	Pass				
					50	3.85	0.100	0.0001	-2.5 to 2.5	Pass			
					20	3.27	1.802	0.0025	-2.5 to 2.5	Pass			
3.85		0.129	0.0002	-2.5 to 2.5		Pass							
4.43		0.830	0.0012	-2.5 to 2.5		Pass							
713.5		25	0	-30	3.85	0.429	0.0006	-2.5 to 2.5	Pass				
					-20	3.85	0.601	0.0008	-2.5 to 2.5	Pass			
					-10	3.85	1.230	0.0017	-2.5 to 2.5	Pass			
				0	3.85	1.688	0.0024	-2.5 to 2.5	Pass				
					10	3.85	0.715	0.0010	-2.5 to 2.5	Pass			
	30				3.85	0.300	0.0004	-2.5 to 2.5	Pass				
	40			3.85	-0.057	-0.0001	-2.5 to 2.5	Pass					
				50	3.85	0.372	0.0005	-2.5 to 2.5	Pass				
				20	3.27	0.114	0.0002	-2.5 to 2.5	Pass				
3.85	-0.243	-0.0003	-2.5 to 2.5		Pass								
4.43	0.072	0.0001	-2.5 to 2.5		Pass								
-30	3.85	0.973	0.0014	-2.5 to 2.5	Pass								

				-20	3.85	0.401	0.0006	-2.5 to 2.5	Pass
				-10	3.85	-0.057	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-0.014	0.0000	-2.5 to 2.5	Pass
				10	3.85	-0.544	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-0.844	-0.0012	-2.5 to 2.5	Pass
				40	3.85	0.057	0.0001	-2.5 to 2.5	Pass
				50	3.85	0.429	0.0006	-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	-0.272	-0.0004	-2.5 to 2.5	Pass	
					3.85	-0.916	-0.0013	-2.5 to 2.5	Pass	
					4.43	0.772	0.0011	-2.5 to 2.5	Pass	
				-30	3.85	0.315	0.0004	-2.5 to 2.5	Pass	
					-20	3.85	-0.129	-0.0002	-2.5 to 2.5	Pass
						3.85	-0.601	-0.0008	-2.5 to 2.5	Pass
				0	3.85	0.272	0.0004	-2.5 to 2.5	Pass	
					10	3.85	-0.386	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-0.215	-0.0003	-2.5 to 2.5	Pass	
	40	3.85	-0.114		-0.0002	-2.5 to 2.5	Pass			
	50	3.85	-1.116	-0.0016	-2.5 to 2.5	Pass				
	710	50	0	20	3.27	0.687	0.0010	-2.5 to 2.5	Pass	
					3.85	1.459	0.0021	-2.5 to 2.5	Pass	
					4.43	1.130	0.0016	-2.5 to 2.5	Pass	
				-30	3.85	0.415	0.0006	-2.5 to 2.5	Pass	
					-20	3.85	1.016	0.0014	-2.5 to 2.5	Pass
						3.85	0.515	0.0007	-2.5 to 2.5	Pass
				0	3.85	0.858	0.0012	-2.5 to 2.5	Pass	
					10	3.85	0.243	0.0003	-2.5 to 2.5	Pass
				30	3.85	0.458	0.0006	-2.5 to 2.5	Pass	
	40	3.85	0.887		0.0012	-2.5 to 2.5	Pass			
	50	3.85	0.229	0.0003	-2.5 to 2.5	Pass				
	711	50	0	20	3.27	-1.216	-0.0017	-2.5 to 2.5	Pass	
					3.85	-1.473	-0.0021	-2.5 to 2.5	Pass	
					4.43	-0.587	-0.0008	-2.5 to 2.5	Pass	
				-30	3.85	-0.930	-0.0013	-2.5 to 2.5	Pass	
					-20	3.85	0.072	0.0001	-2.5 to 2.5	Pass
3.85						-0.958	-0.0013	-2.5 to 2.5	Pass	
0				3.85	-0.958	-0.0013	-2.5 to 2.5	Pass		
				10	3.85	-0.272	-0.0004	-2.5 to 2.5	Pass	
30				3.85	-0.415	-0.0006	-2.5 to 2.5	Pass		
	40	3.85	-0.086	-0.0001	-2.5 to 2.5	Pass				
50	3.85	-0.300	-0.0004	-2.5 to 2.5	Pass					
16QAM	709	50	0	20	3.27	-0.229	-0.0003	-2.5 to 2.5	Pass	
					3.85	-1.001	-0.0014	-2.5 to 2.5	Pass	
					4.43	-0.529	-0.0007	-2.5 to 2.5	Pass	
				-30	3.85	0.186	0.0003	-2.5 to 2.5	Pass	
					-20	3.85	-1.101	-0.0016	-2.5 to 2.5	Pass
				-10		3.85	-0.830	-0.0012	-2.5 to 2.5	Pass
					0	3.85	-0.858	-0.0012	-2.5 to 2.5	Pass
10	3.85	-0.672	-0.0009	-2.5 to 2.5	Pass					
30	3.85	-0.916	-0.0013	-2.5 to 2.5	Pass					

	710	50	0	40	3.85	-0.372	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-0.587	-0.0008	-2.5 to 2.5	Pass
				20	3.27	-0.043	-0.0001	-2.5 to 2.5	Pass
					3.85	0.358	0.0005	-2.5 to 2.5	Pass
					4.43	-0.086	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-0.672	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-0.343	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	0.486	0.0007	-2.5 to 2.5	Pass
				0	3.85	0.501	0.0007	-2.5 to 2.5	Pass
				10	3.85	0.343	0.0005	-2.5 to 2.5	Pass
	30	3.85	0.000	0.0000	-2.5 to 2.5	Pass			
	40	3.85	0.486	0.0007	-2.5 to 2.5	Pass			
	50	3.85	-0.672	-0.0009	-2.5 to 2.5	Pass			
	711	50	0	20	3.27	-0.615	-0.0009	-2.5 to 2.5	Pass
					3.85	-1.287	-0.0018	-2.5 to 2.5	Pass
					4.43	-0.587	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-1.073	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-1.616	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-1.187	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-1.359	-0.0019	-2.5 to 2.5	Pass
10				3.85	-1.588	-0.0022	-2.5 to 2.5	Pass	
30				3.85	-0.615	-0.0009	-2.5 to 2.5	Pass	
40				3.85	-1.359	-0.0019	-2.5 to 2.5	Pass	
50	3.85	-0.930	-0.0013	-2.5 to 2.5	Pass				

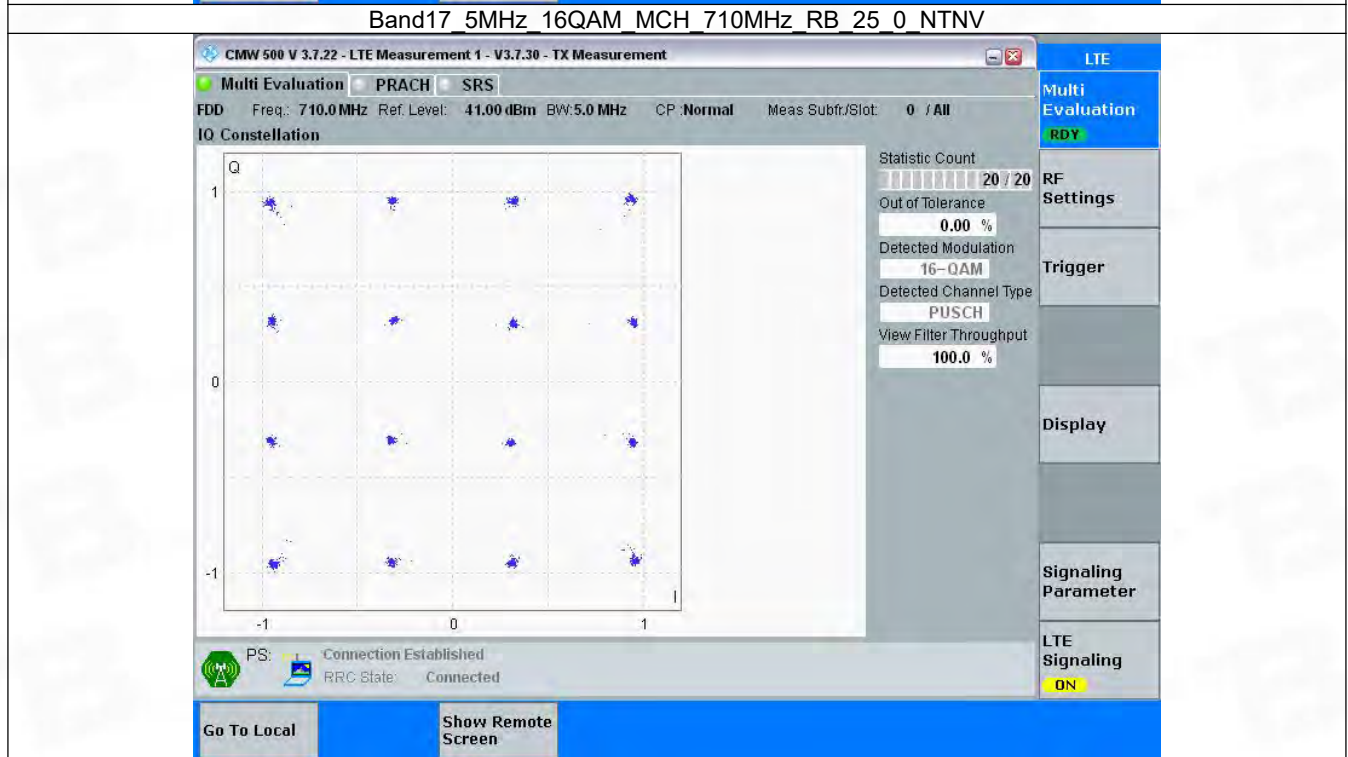
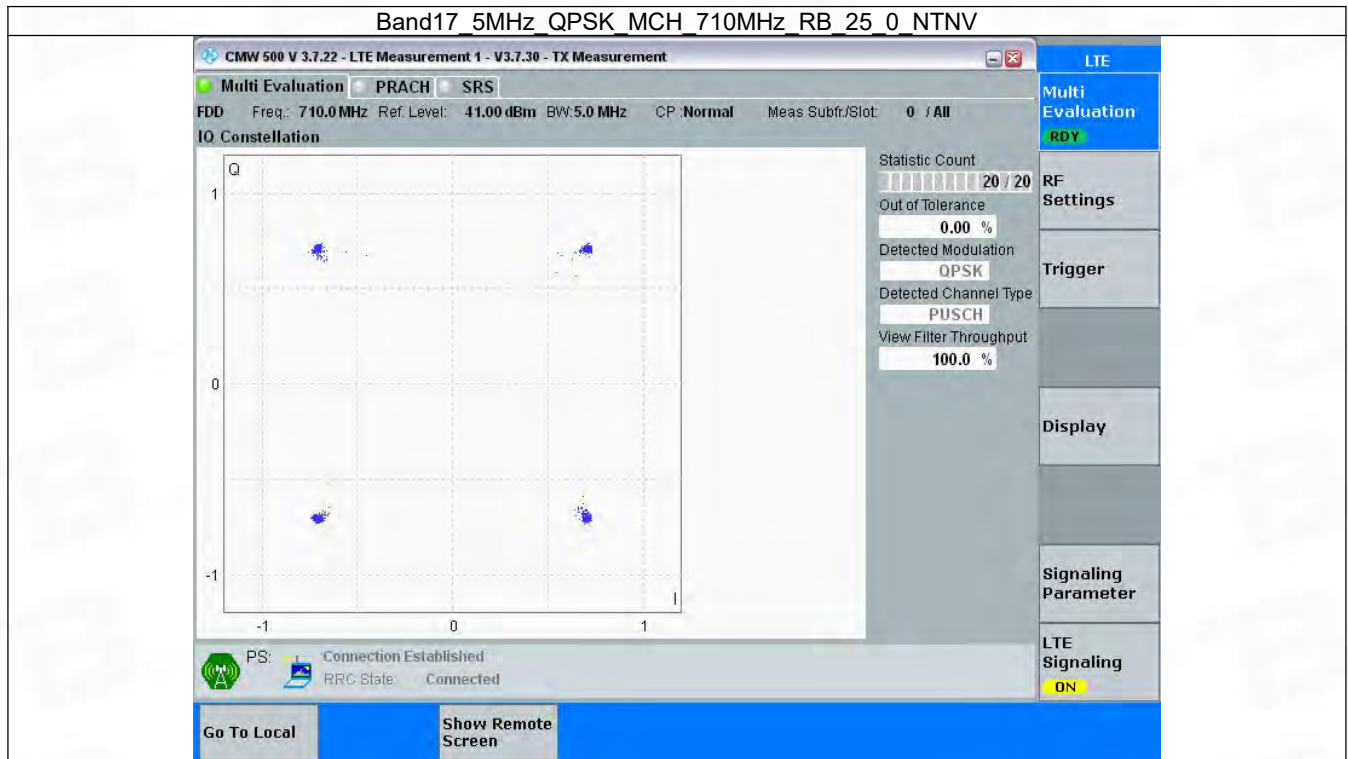
3. Modulation Characteristics

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

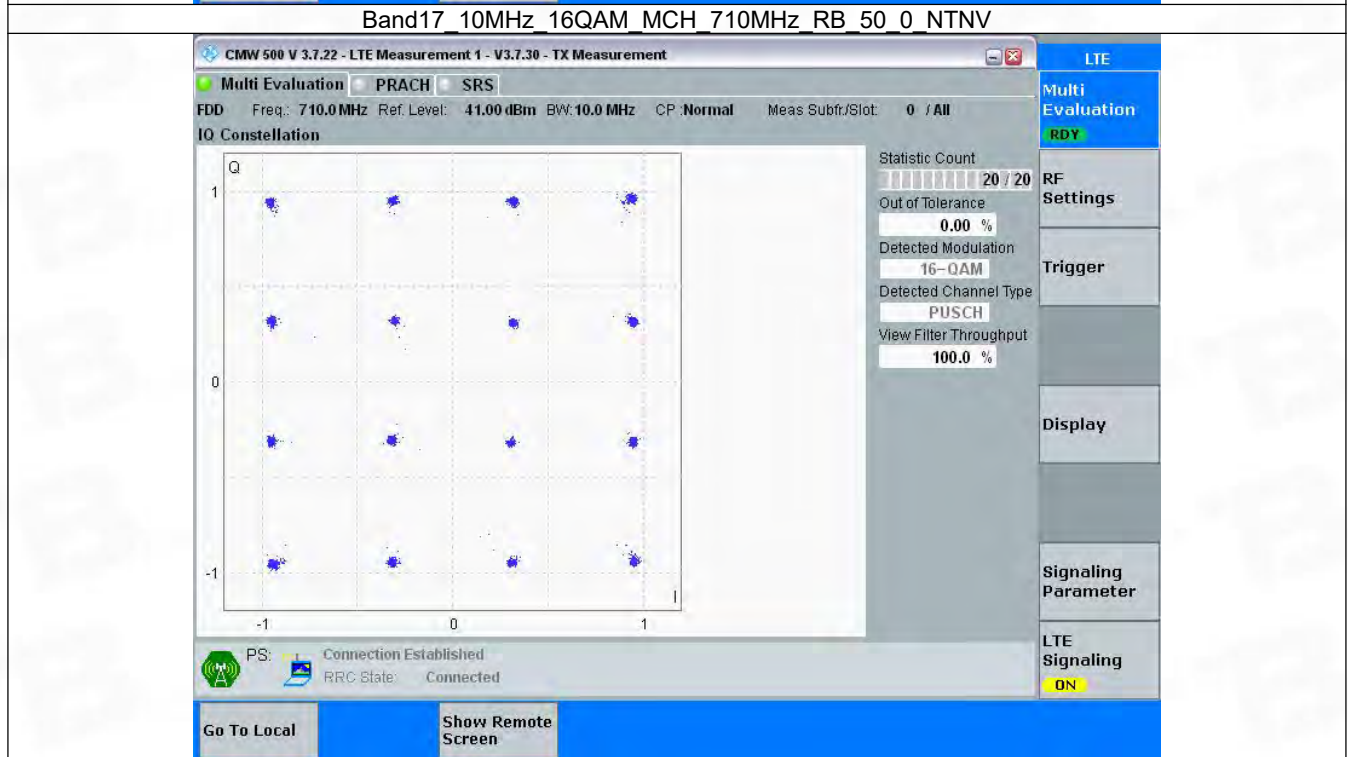
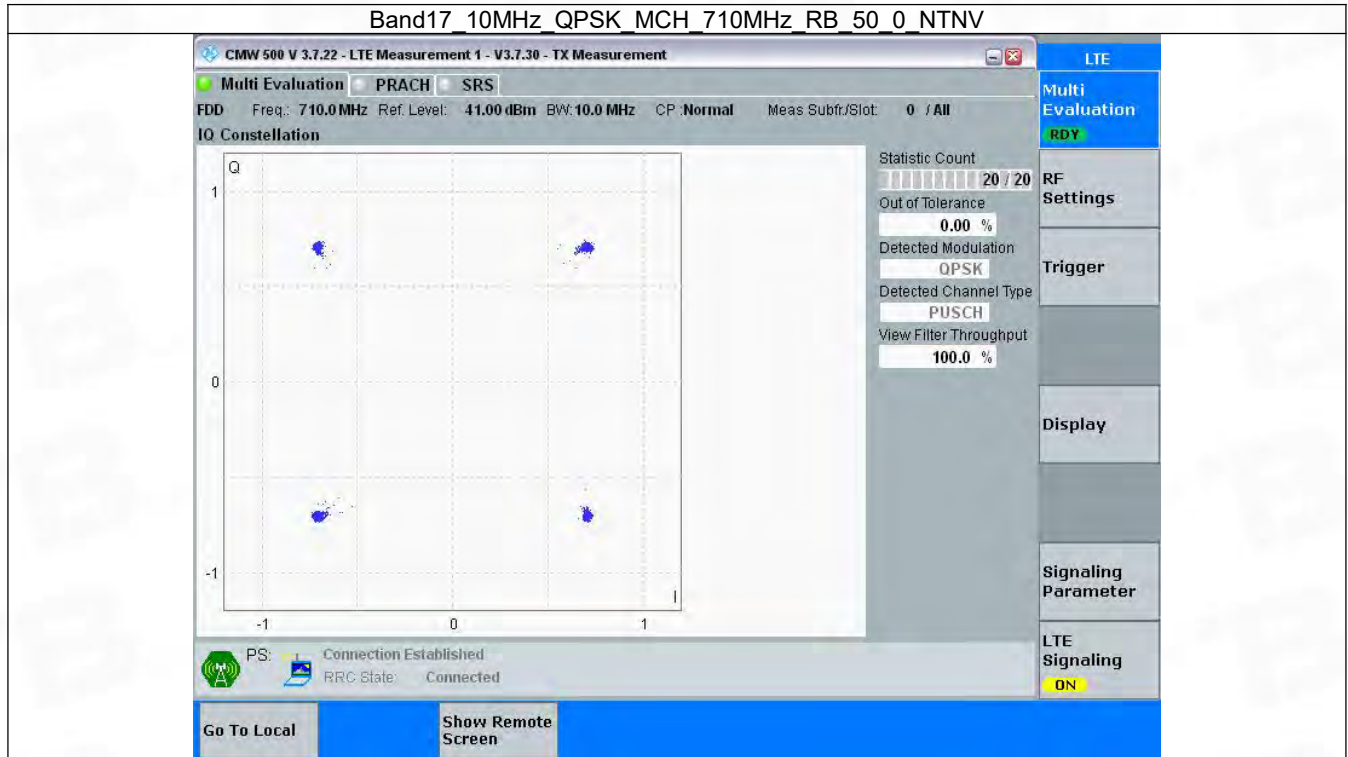


3.2 B17_10MHz

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



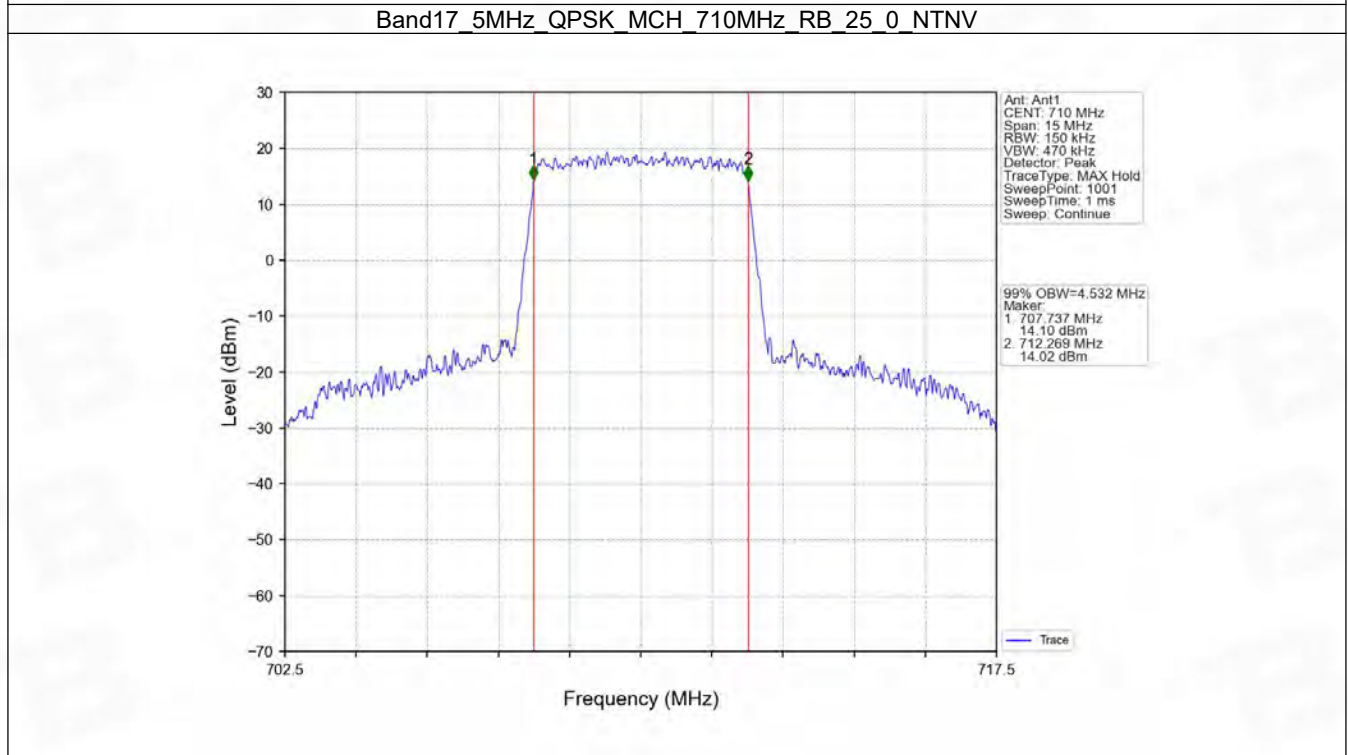
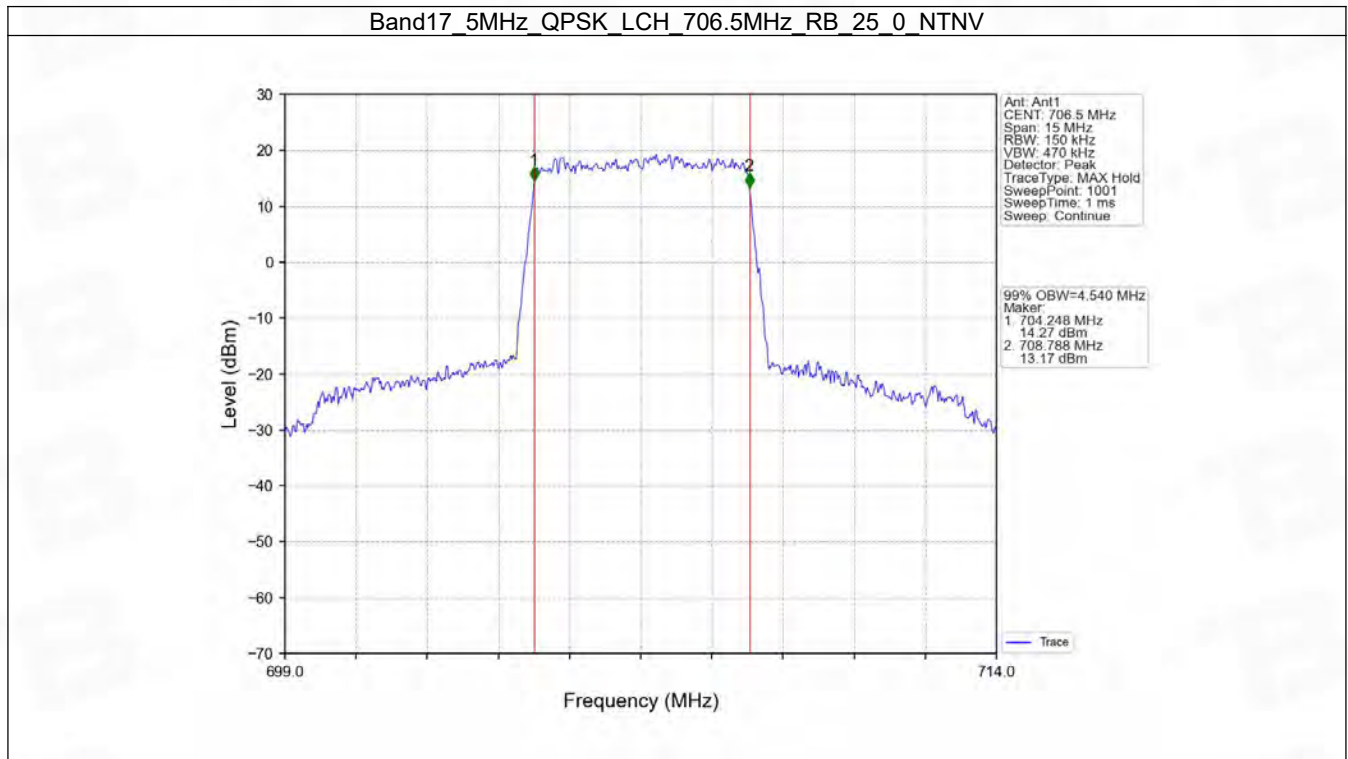
4. 99% & 26dB Bandwidth

4.1 Band17_OBW

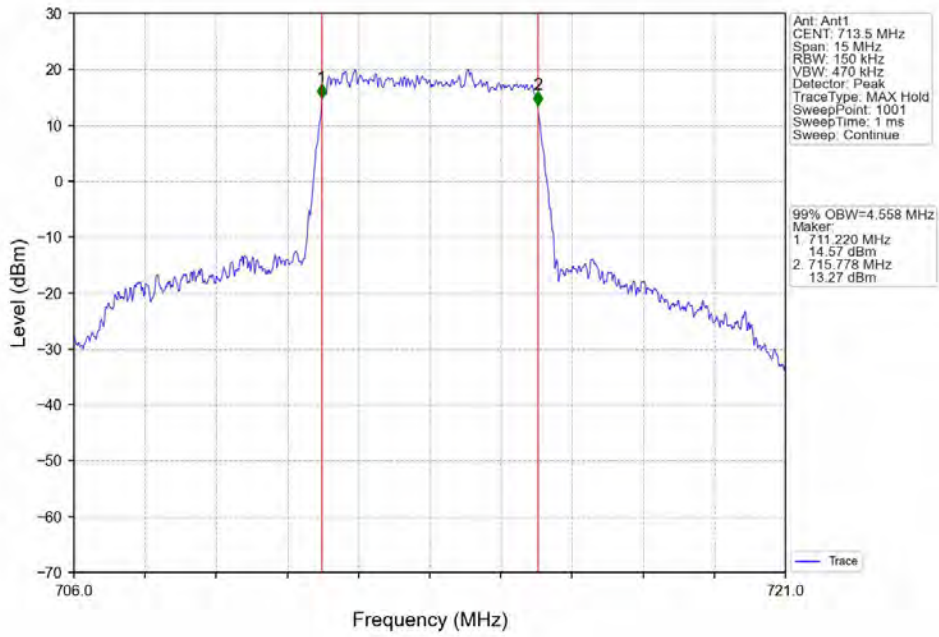
4.1.1 Test Result

Band: 17 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	706.5	25	0	4.540	/	Pass
		710	25	0	4.532	/	Pass
		713.5	25	0	4.558	/	Pass
	16QAM	706.5	25	0	4.563	/	Pass
		710	25	0	4.540	/	Pass
		713.5	25	0	4.541	/	Pass
10	QPSK	709	50	0	9.035	/	Pass
		710	50	0	9.004	/	Pass
		711	50	0	9.047	/	Pass
	16QAM	709	50	0	8.981	/	Pass
		710	50	0	8.984	/	Pass
		711	50	0	9.056	/	Pass

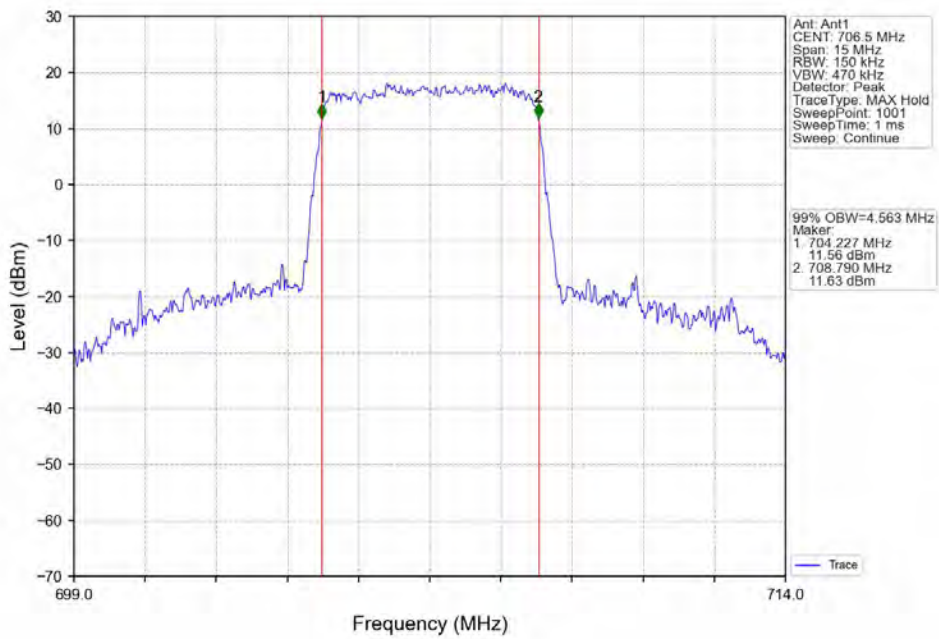
4.1.2 Test Graph



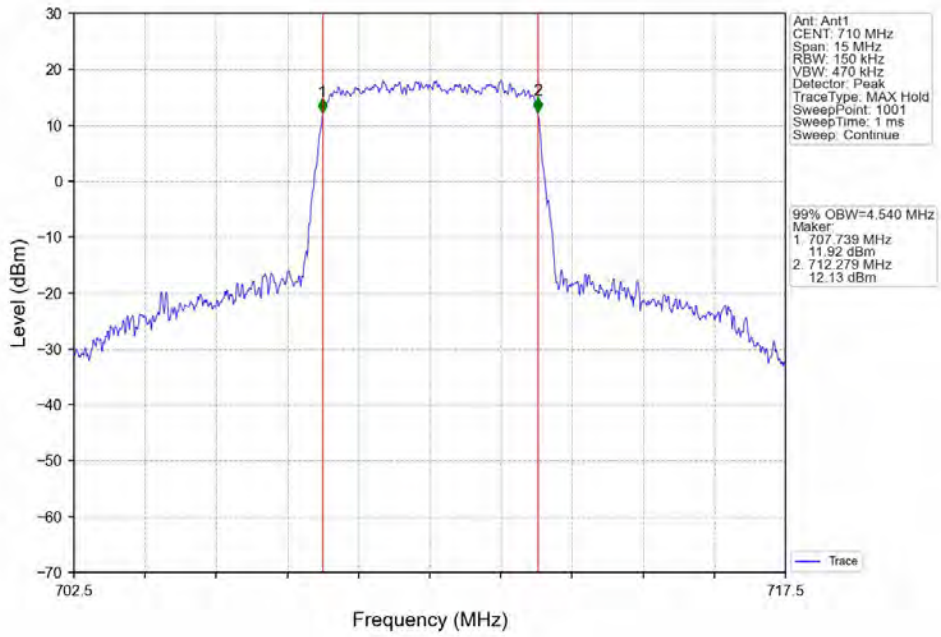
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



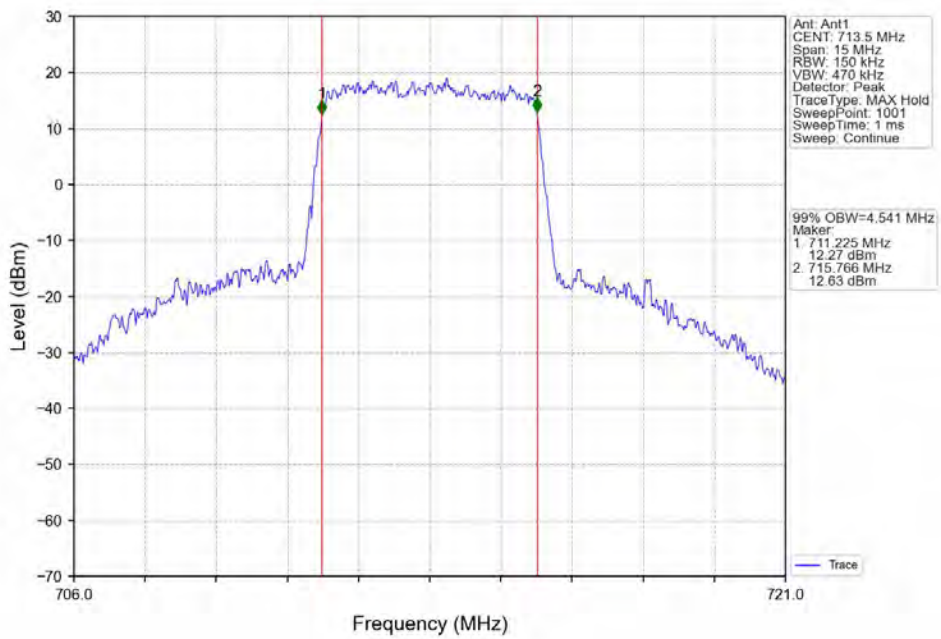
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



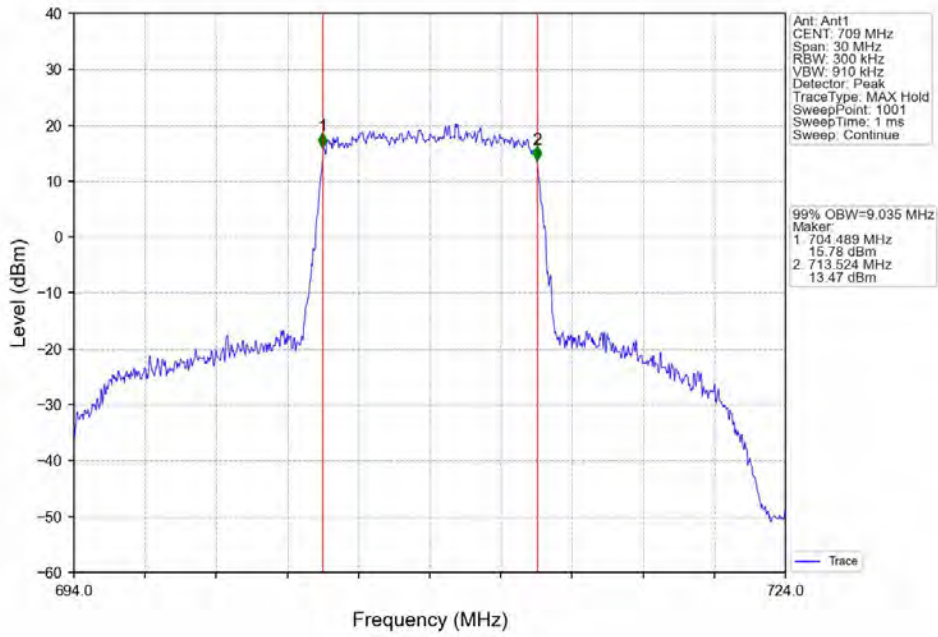
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



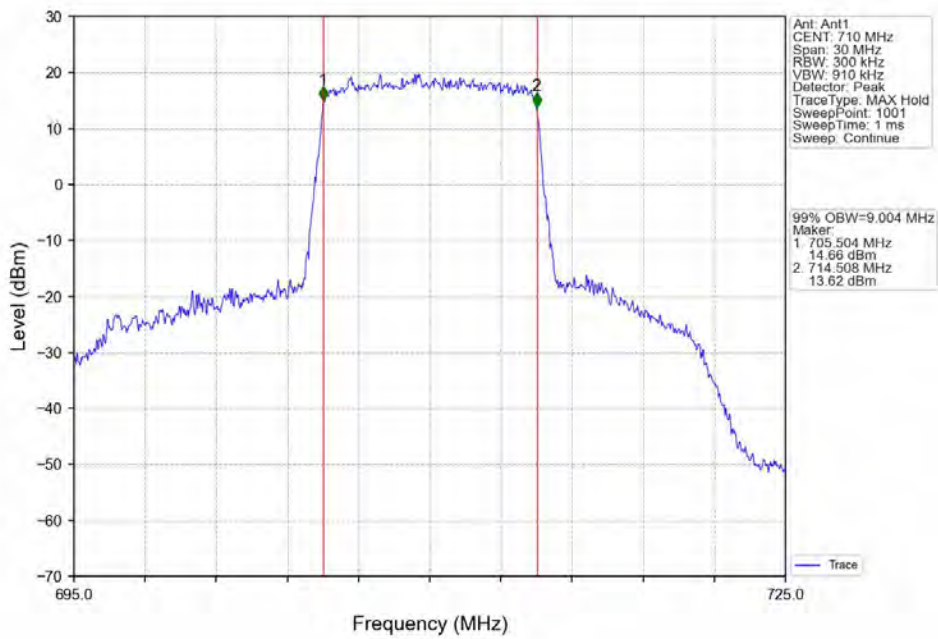
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



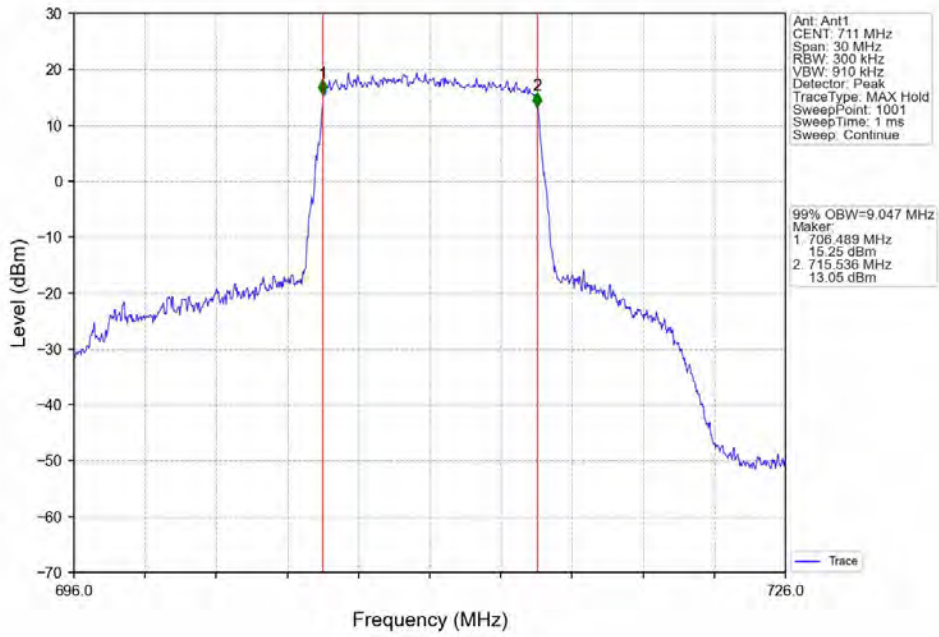
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



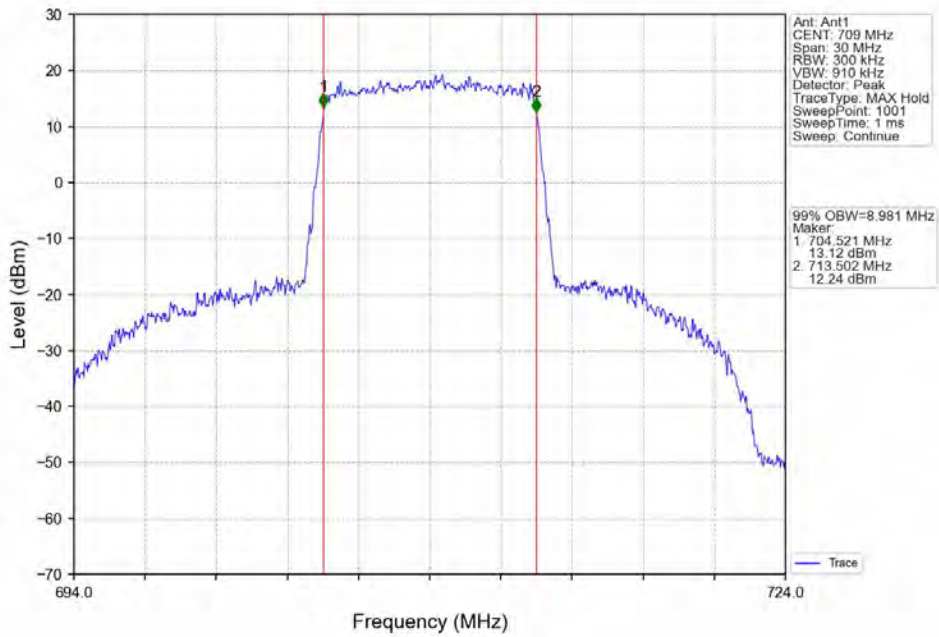
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



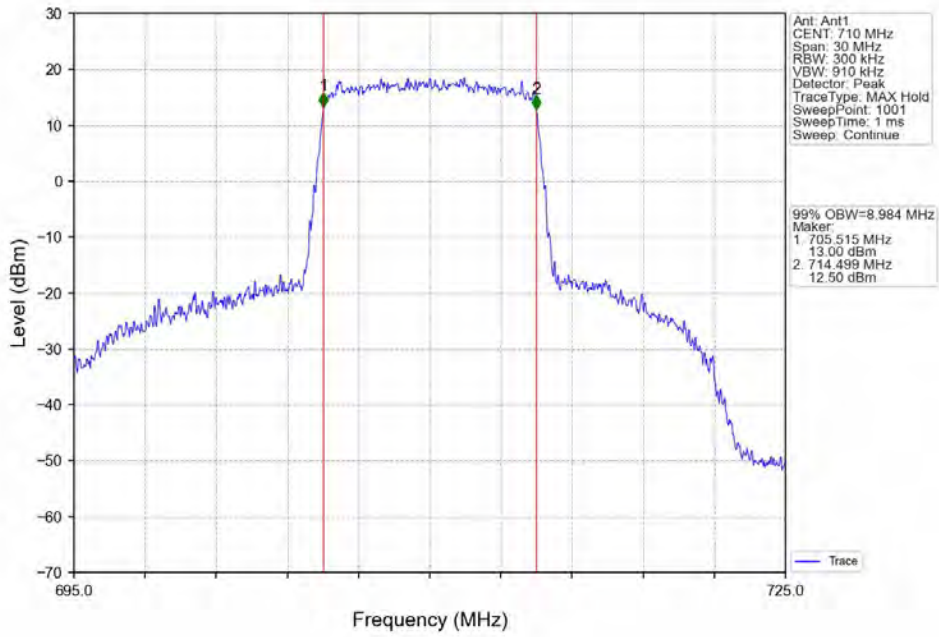
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



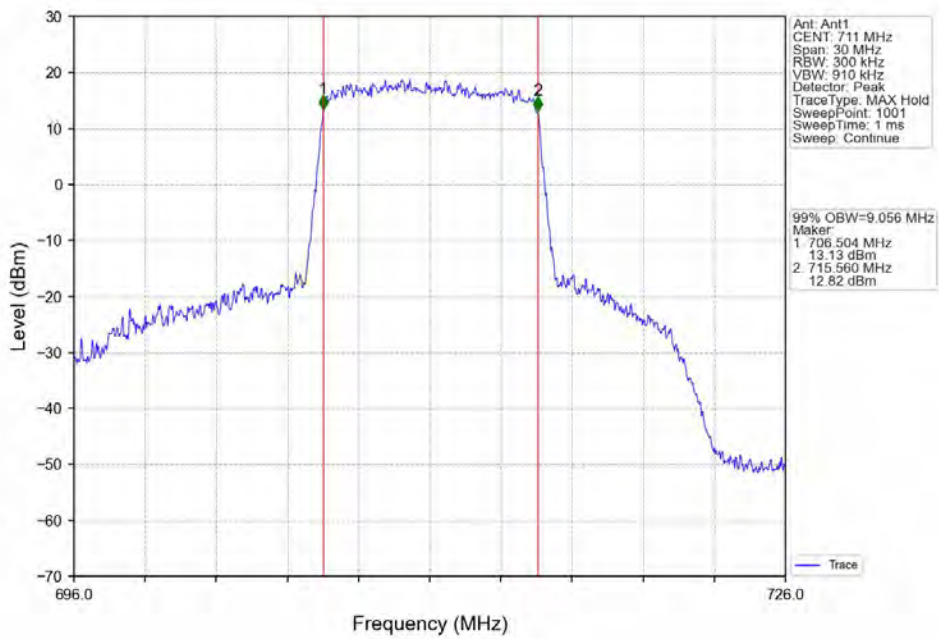
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV

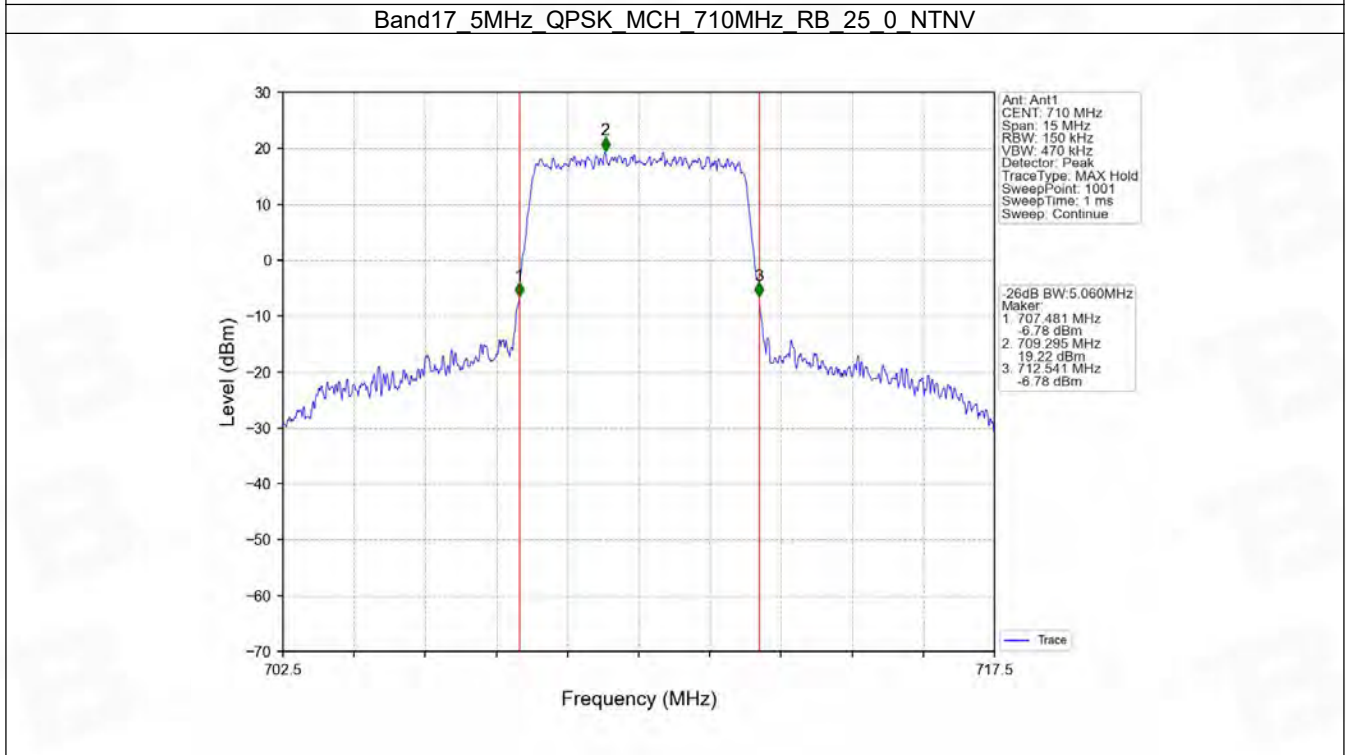
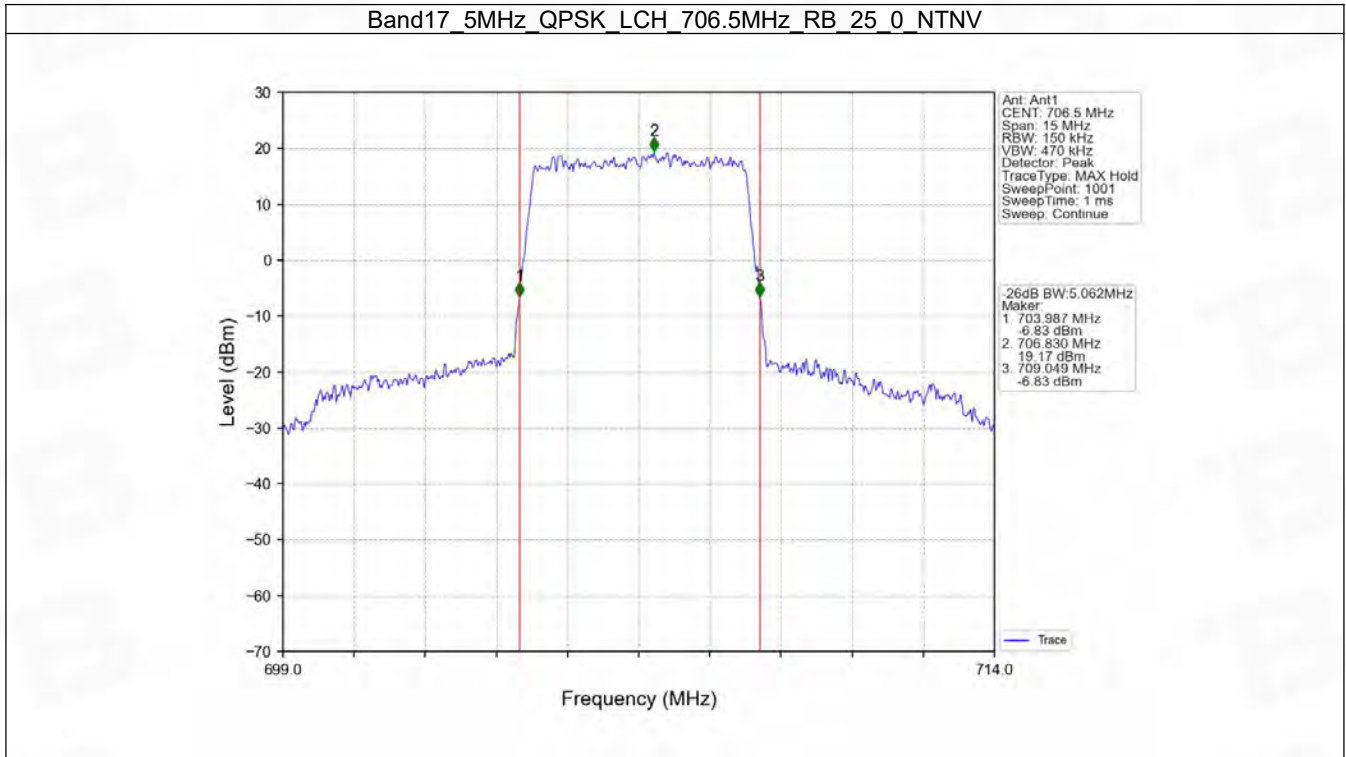


4.2 Band17_XDB

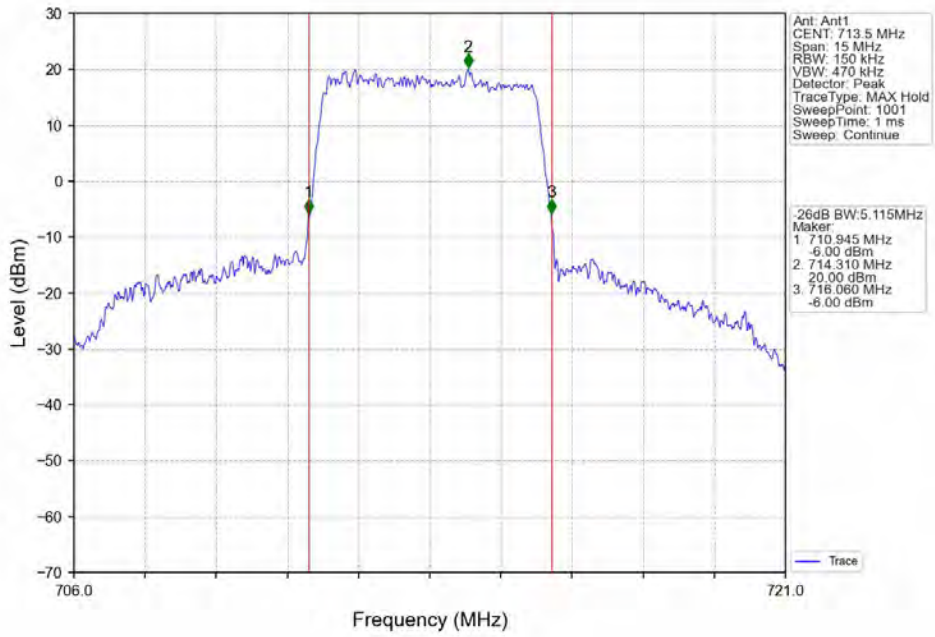
4.2.1 Test Result

Band: 17 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	706.5	25	0	5.062	/	Pass
		710	25	0	5.060	/	Pass
		713.5	25	0	5.115	/	Pass
	16QAM	706.5	25	0	5.089	/	Pass
		710	25	0	5.111	/	Pass
		713.5	25	0	5.083	/	Pass
10	QPSK	709	50	0	9.936	/	Pass
		710	50	0	10.017	/	Pass
		711	50	0	10.133	/	Pass
	16QAM	709	50	0	9.982	/	Pass
		710	50	0	10.017	/	Pass
		711	50	0	9.991	/	Pass

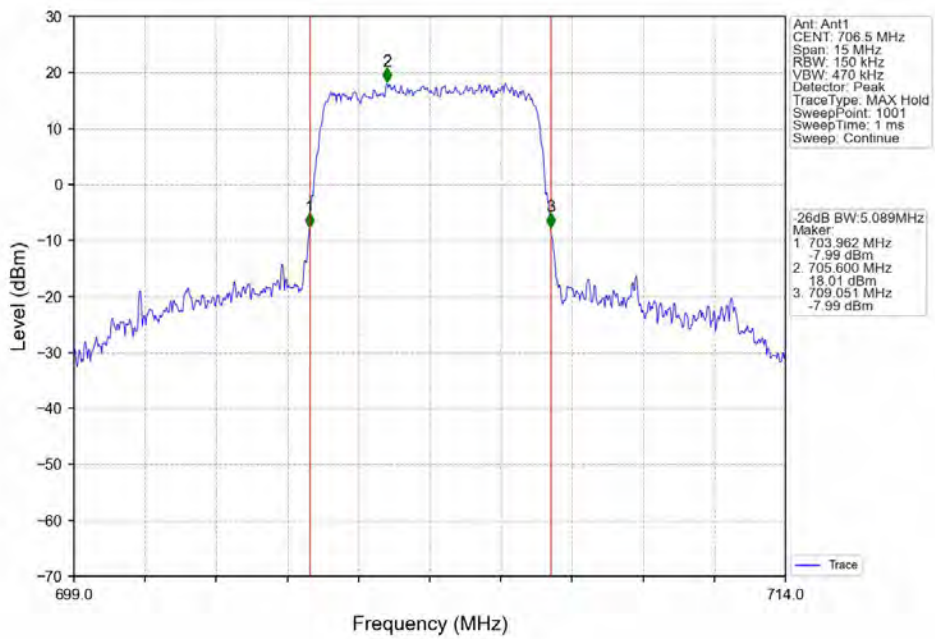
4.2.2 Test Graph



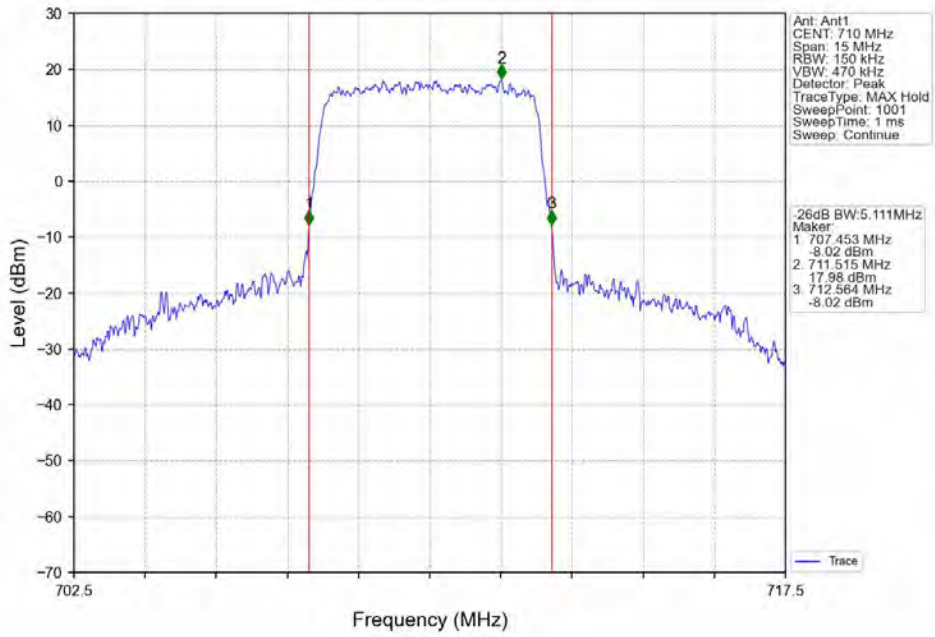
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



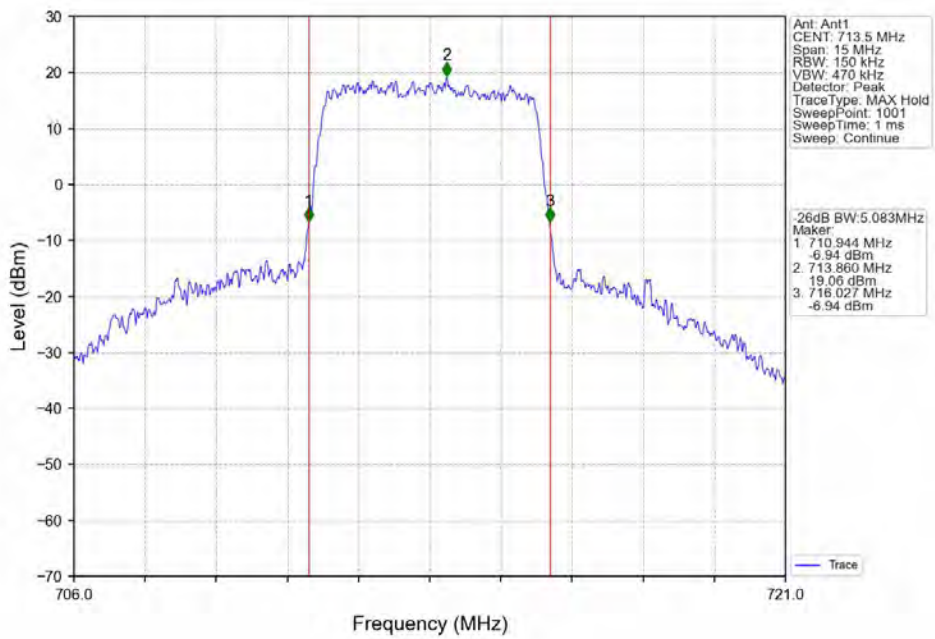
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



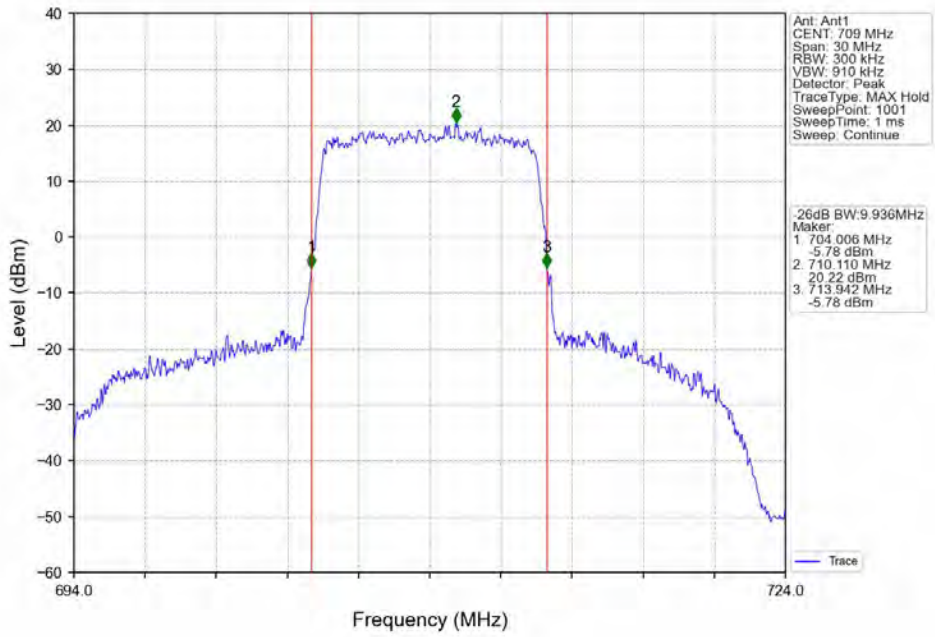
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



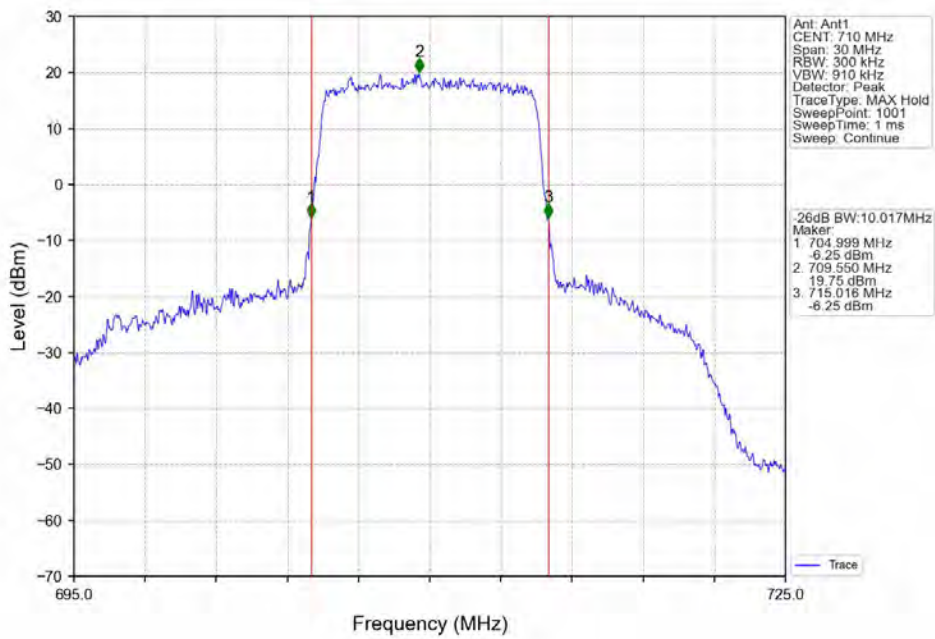
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



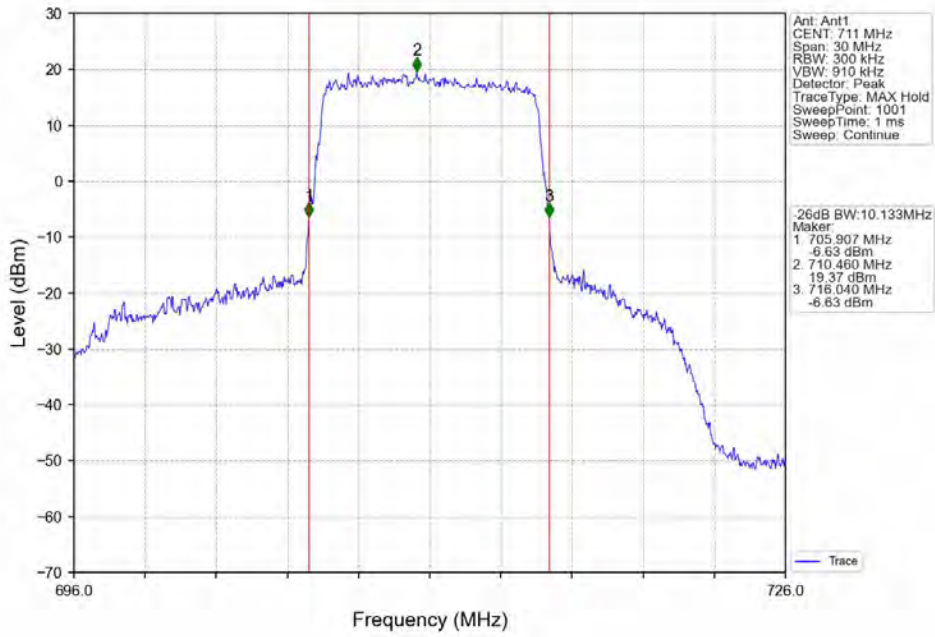
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



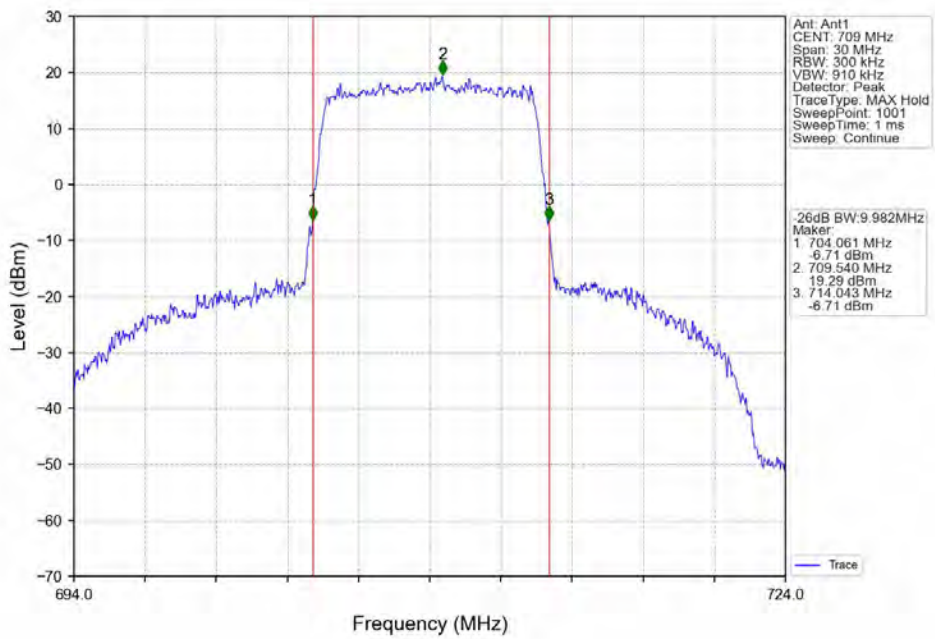
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



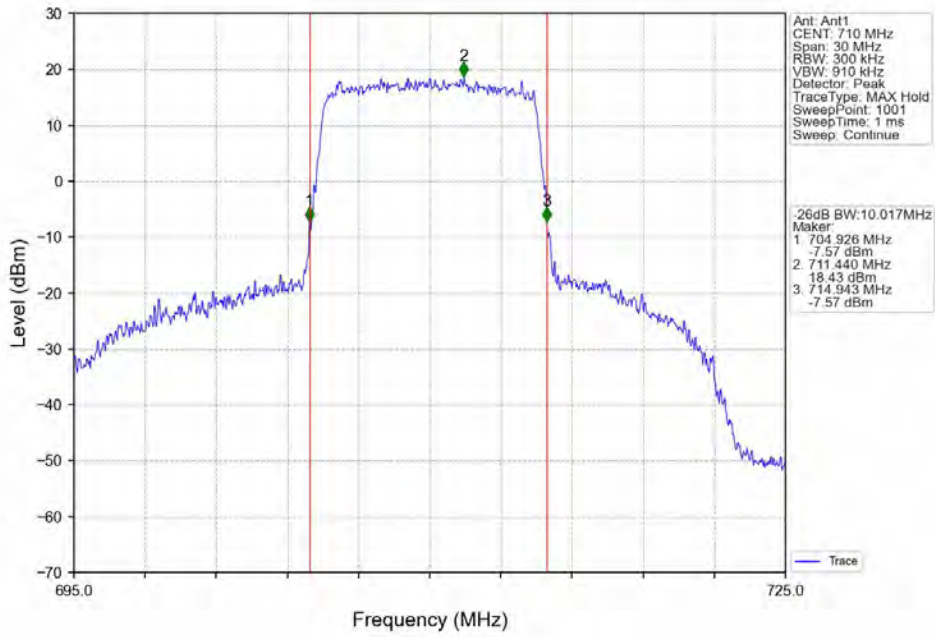
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



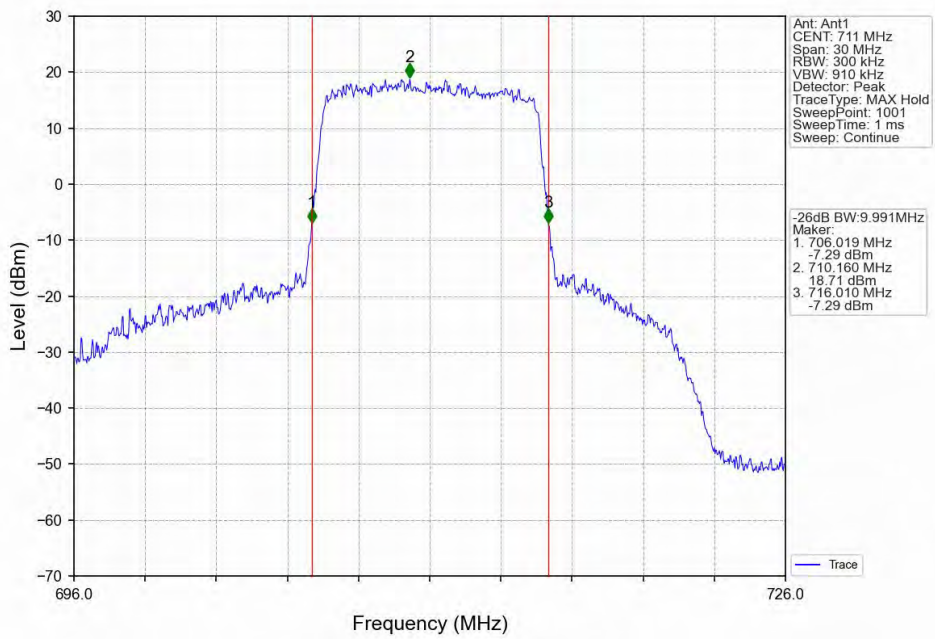
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



5. Peak-Average Ratio

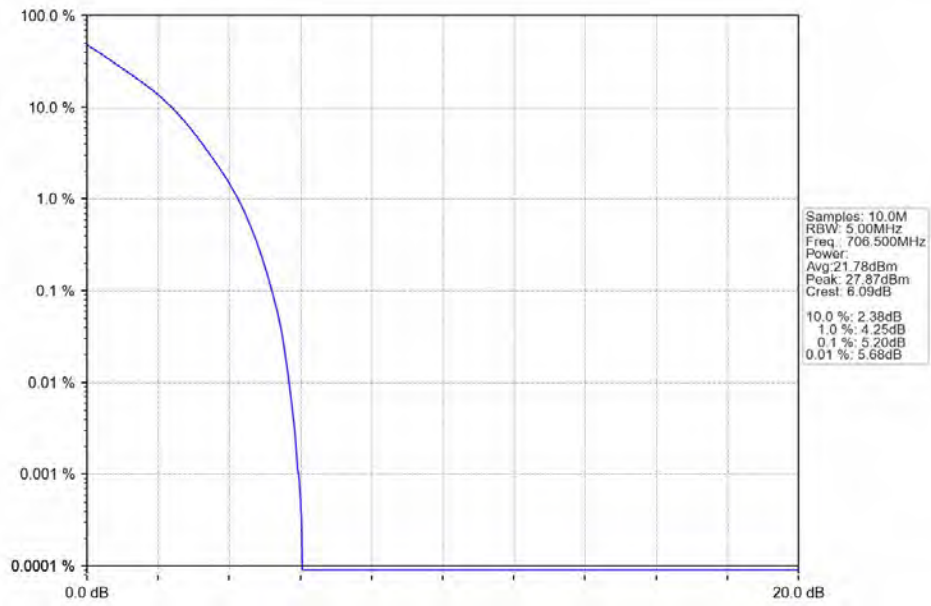
5.1 B17_5MHz

5.1.1 Test Result

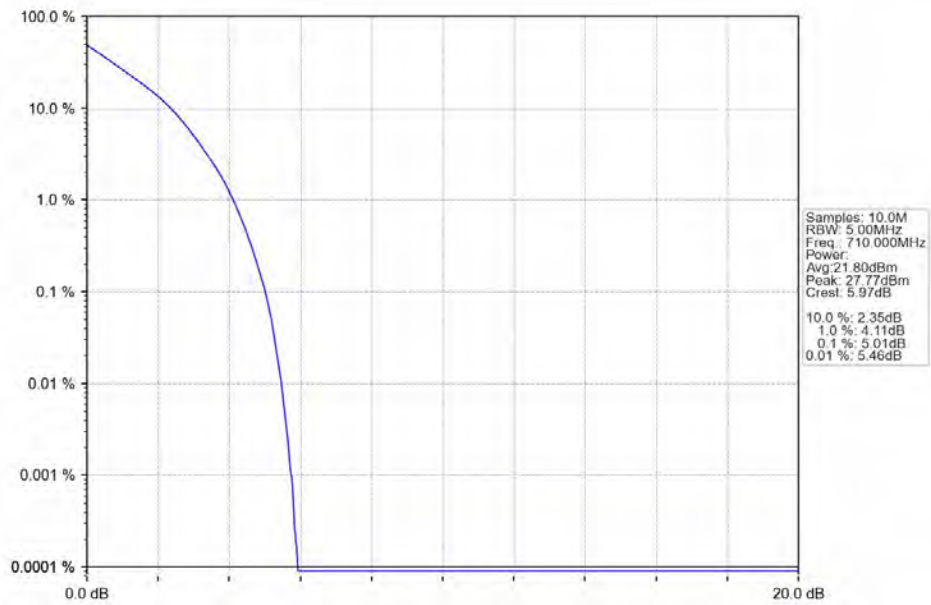
Band: 17 / Bandwidth: 5MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	706.5	25	0	5.20	<=13	Pass
	710	25	0	5.01	<=13	Pass
	713.5	25	0	4.96	<=13	Pass
16QAM	706.5	25	0	6.01	<=13	Pass
	710	25	0	5.76	<=13	Pass
	713.5	25	0	5.64	<=13	Pass

5.1.2 Test Graph

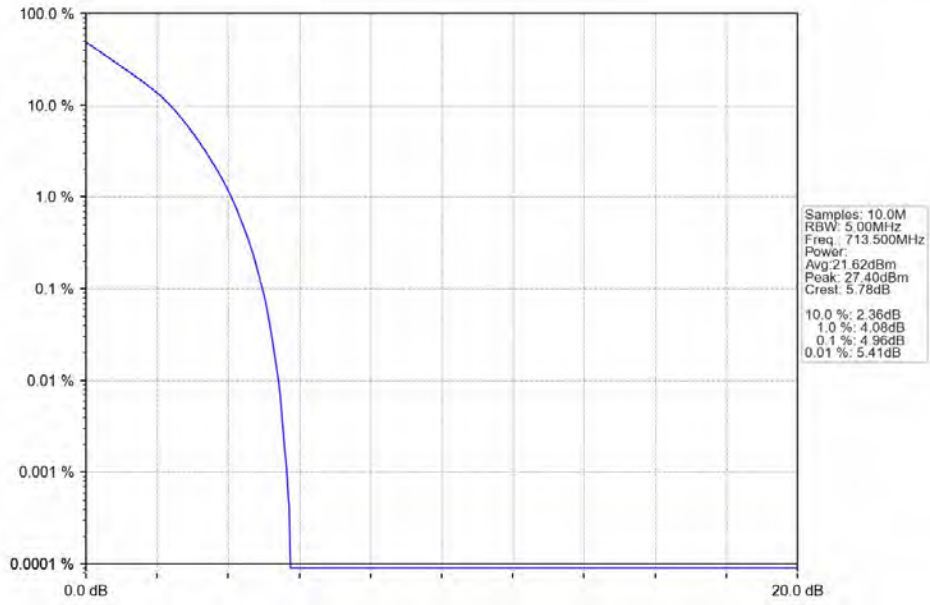
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



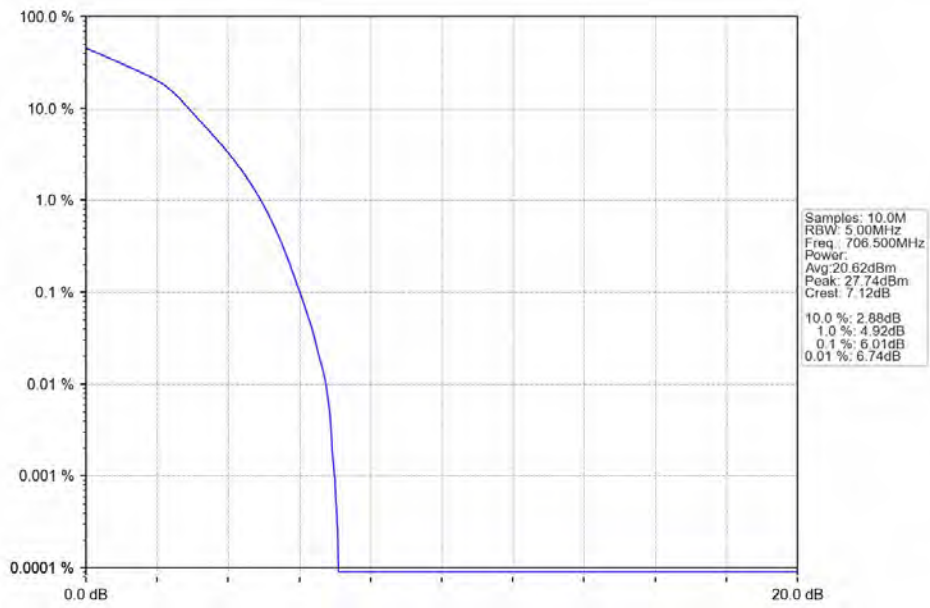
Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



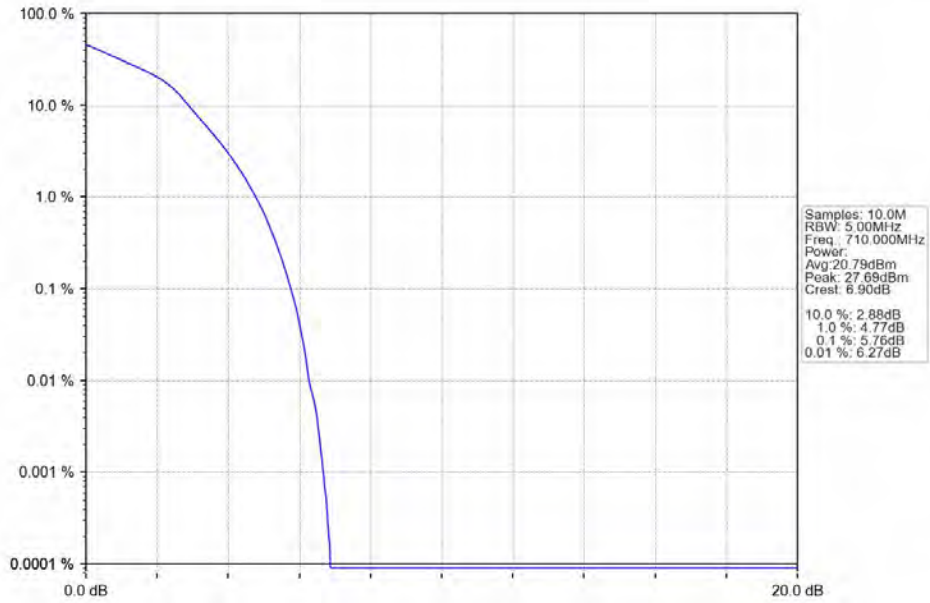
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



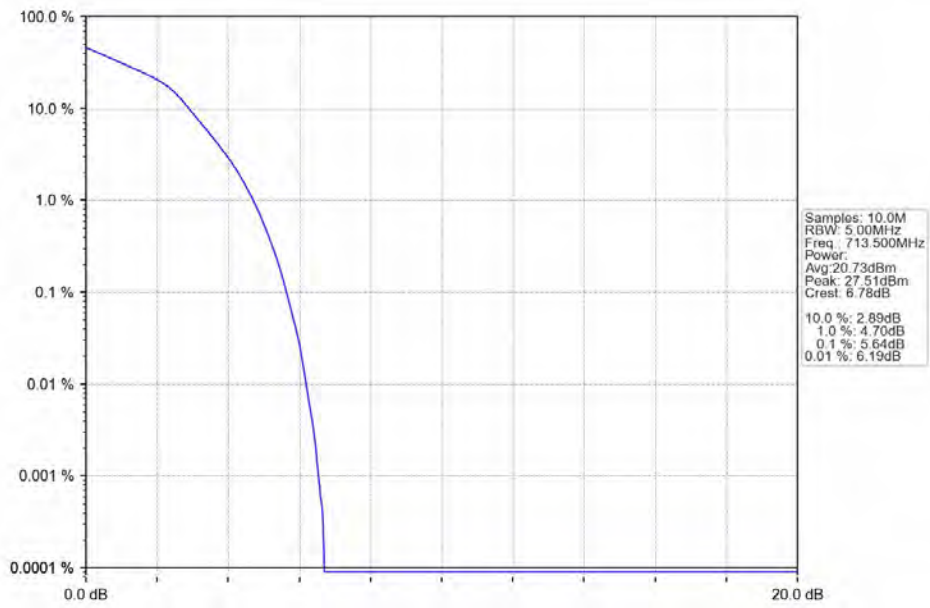
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV

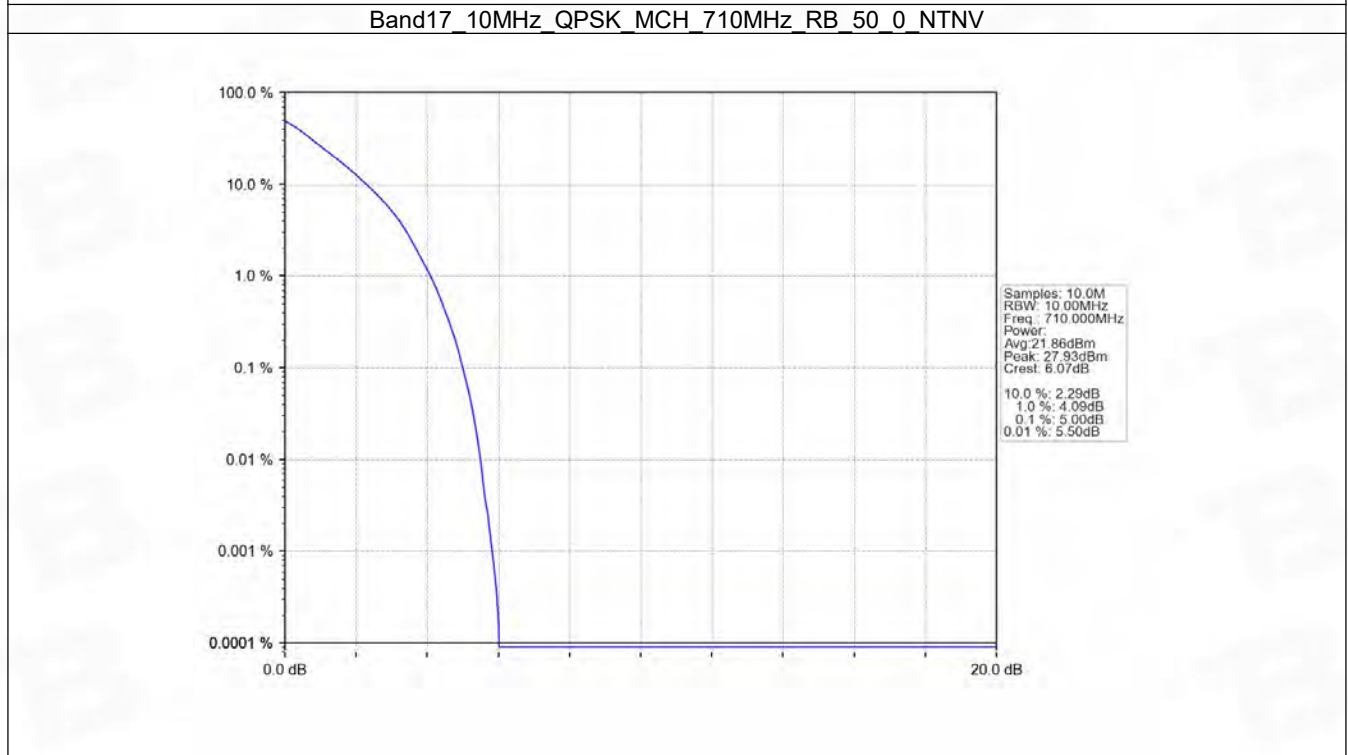
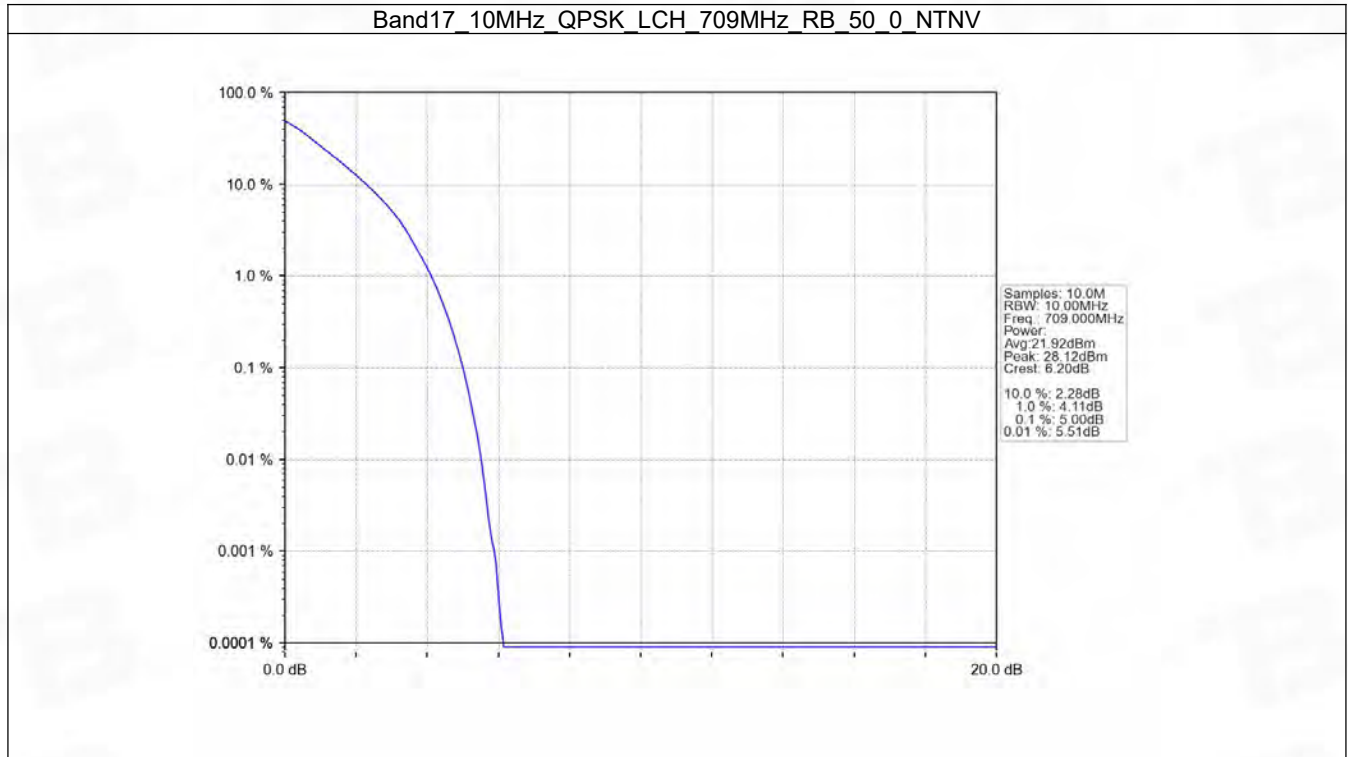


5.2 B17_10MHz

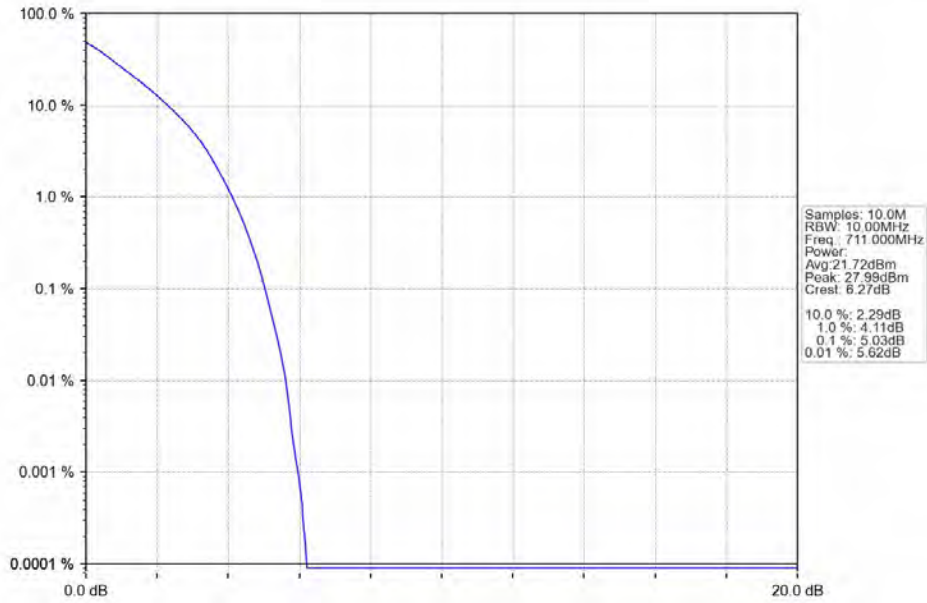
5.2.1 Test Result

Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	709	50	0	5.00	<=13	Pass
	710	50	0	5.00	<=13	Pass
	711	50	0	5.03	<=13	Pass
16QAM	709	50	0	5.86	<=13	Pass
	710	50	0	5.83	<=13	Pass
	711	50	0	5.82	<=13	Pass

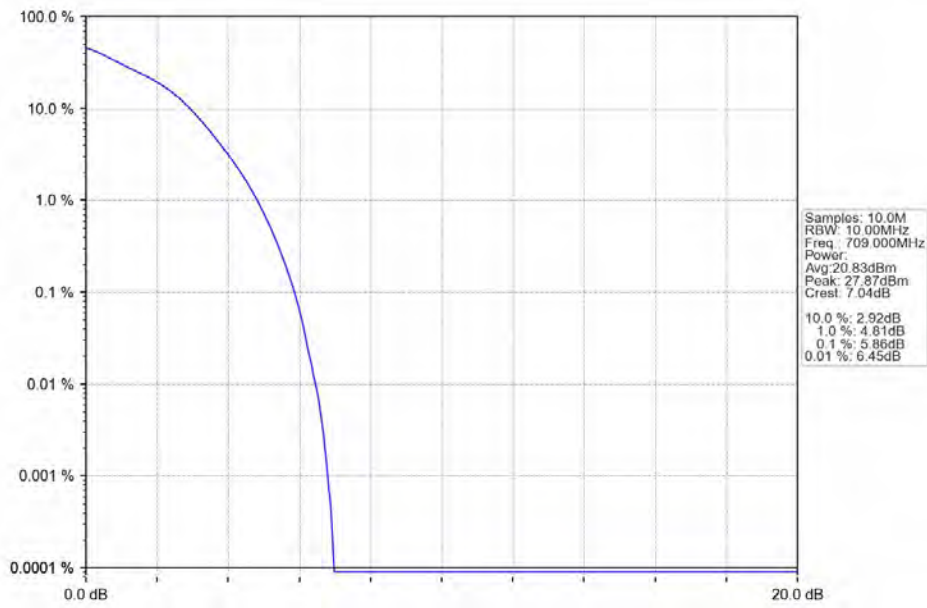
5.2.2 Test Graph



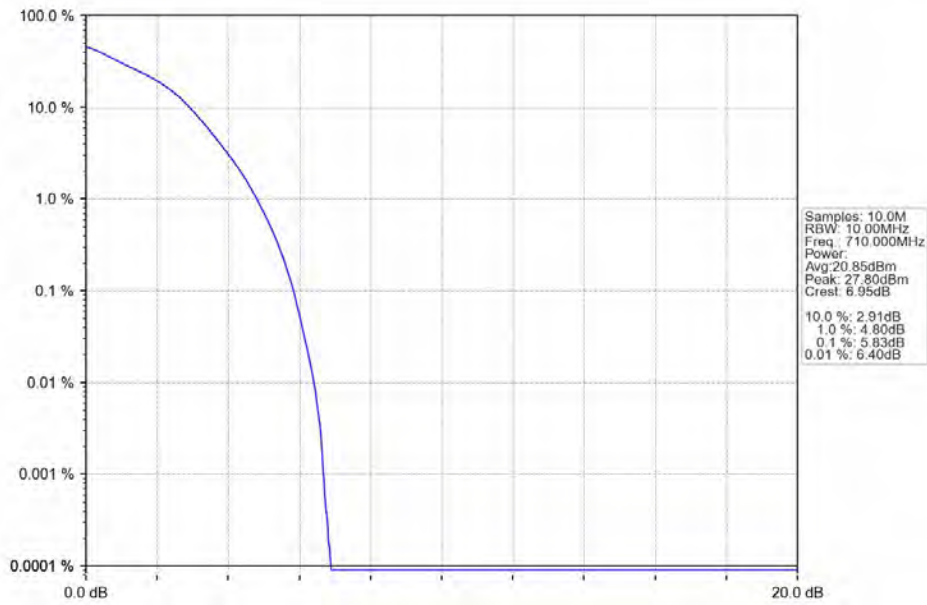
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



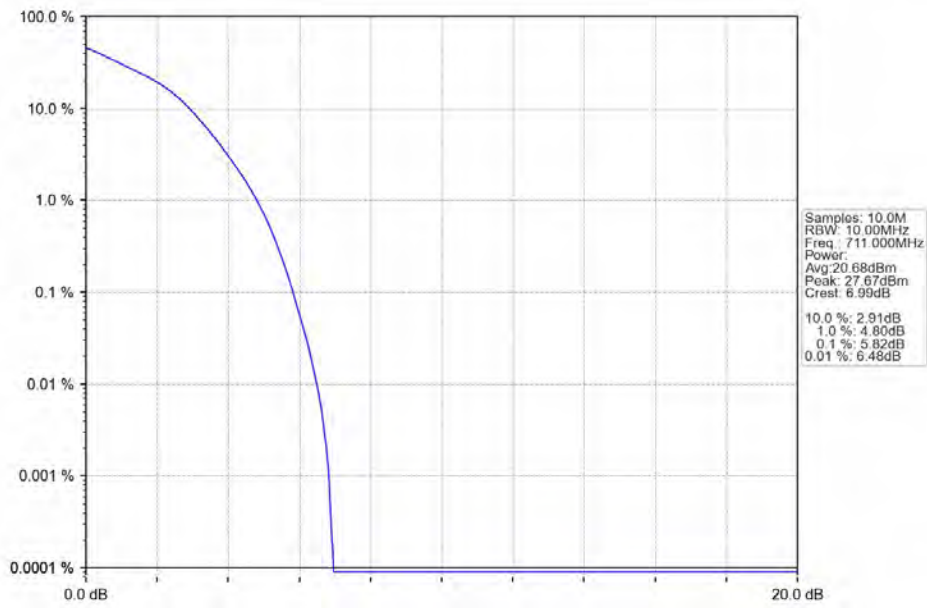
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



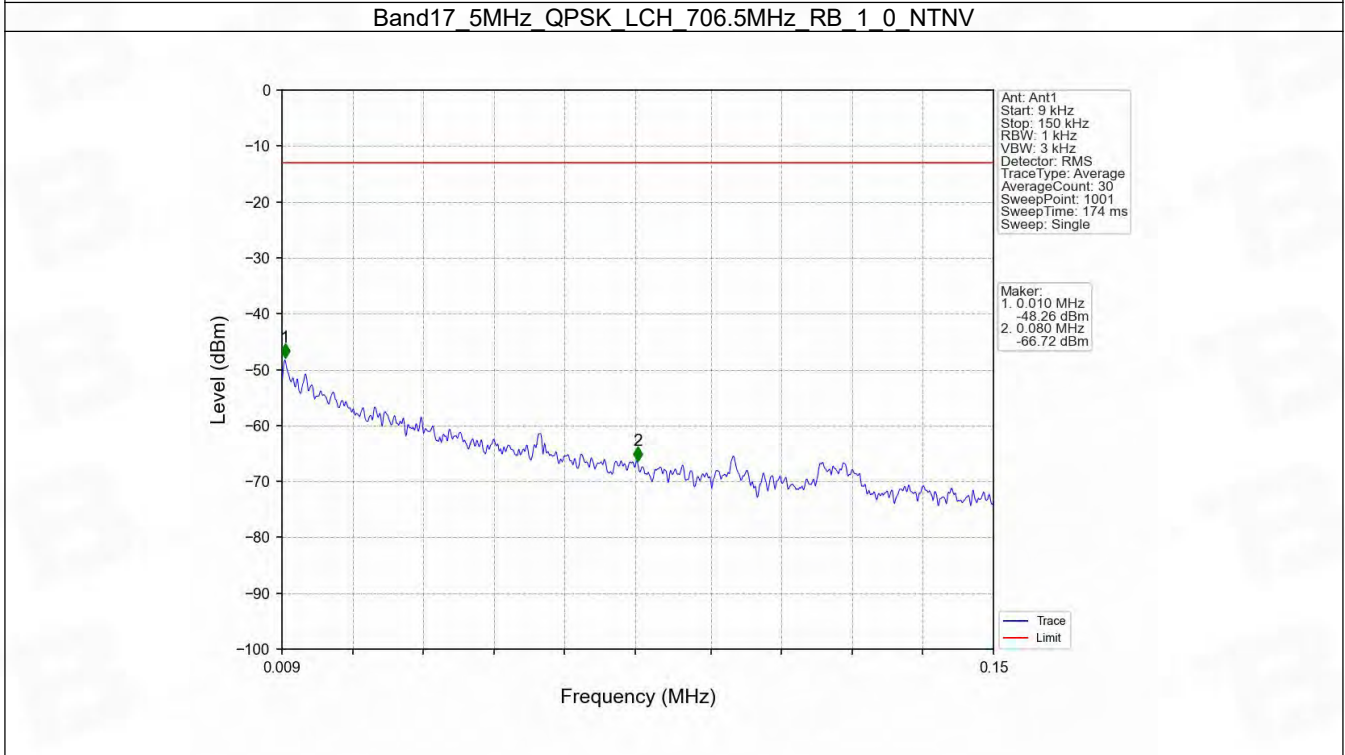
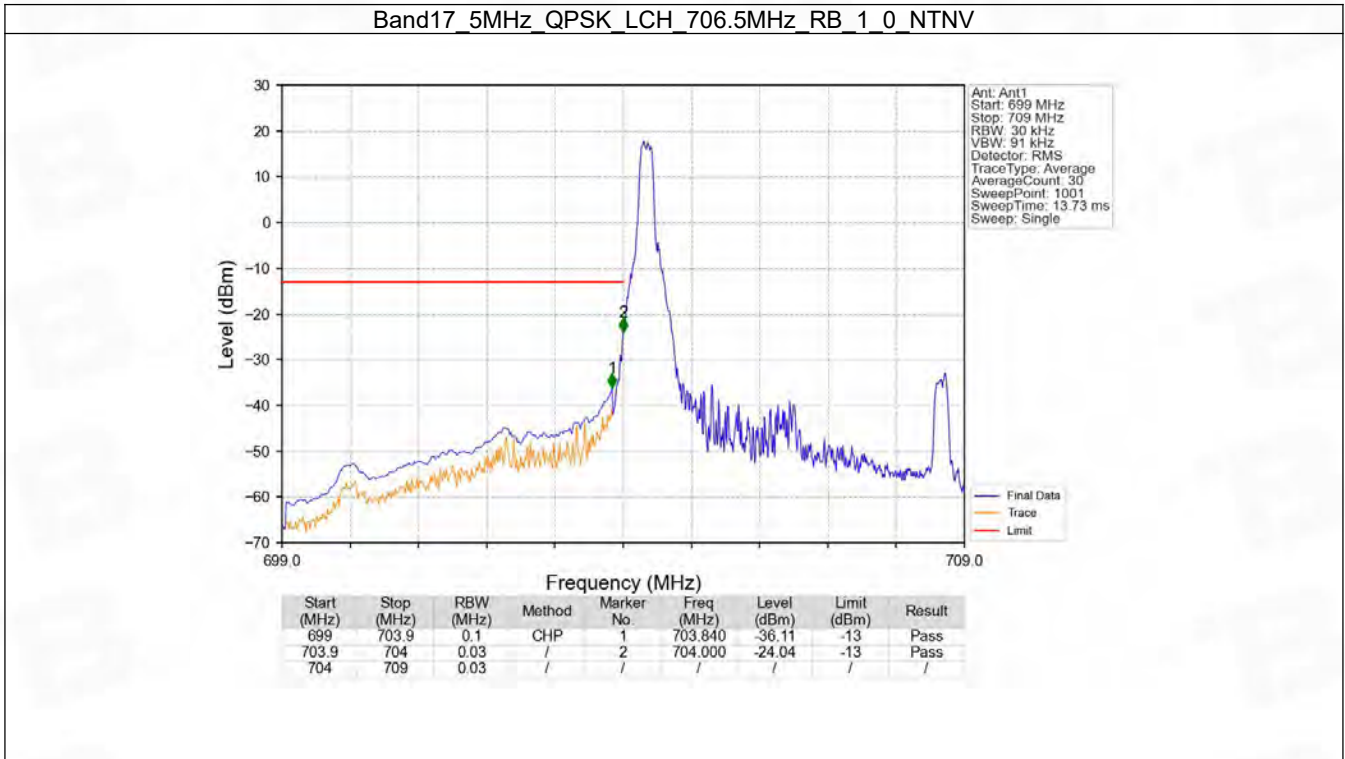
6. Spurious Emission

6.1 B17_5MHz

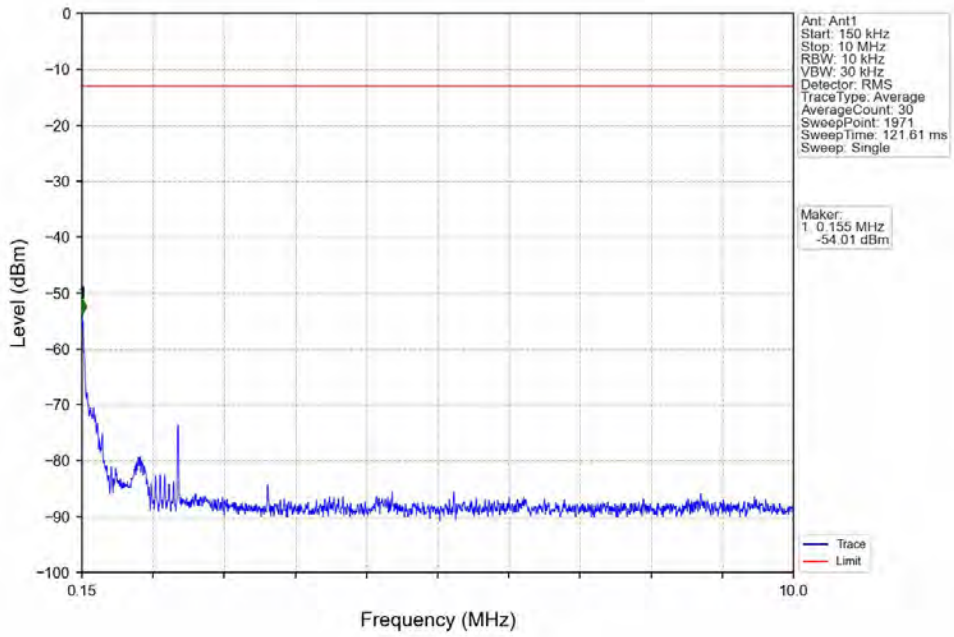
6.1.1 Test Result

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	24	Refer To Test Graph		Pass
			25	0	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
	713.5	1	0	Refer To Test Graph		Pass
		1	24	Refer To Test Graph		Pass
			25	0	Refer To Test Graph	
		25	0	Refer To Test Graph		Pass

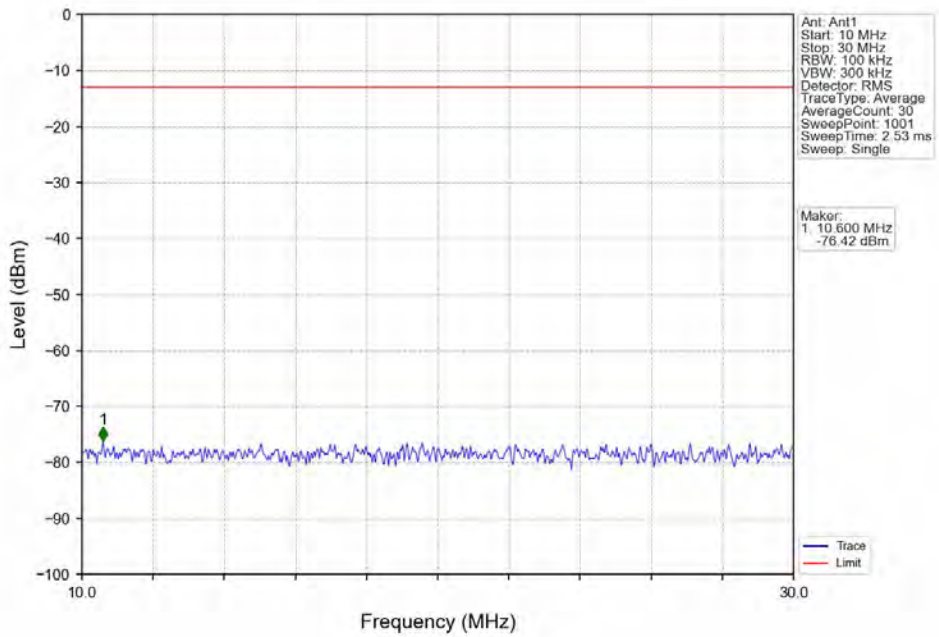
6.1.2 Test Graph



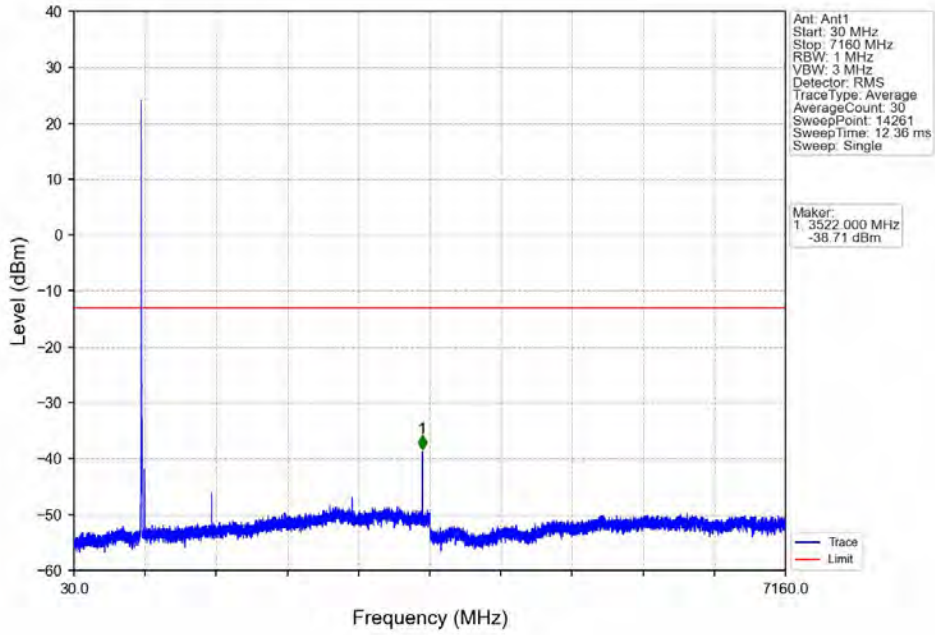
Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV



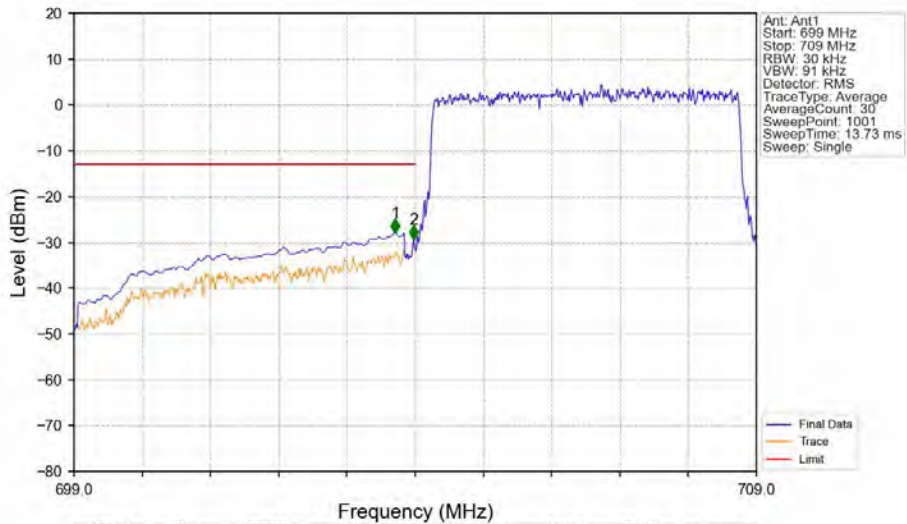
Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV



Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV

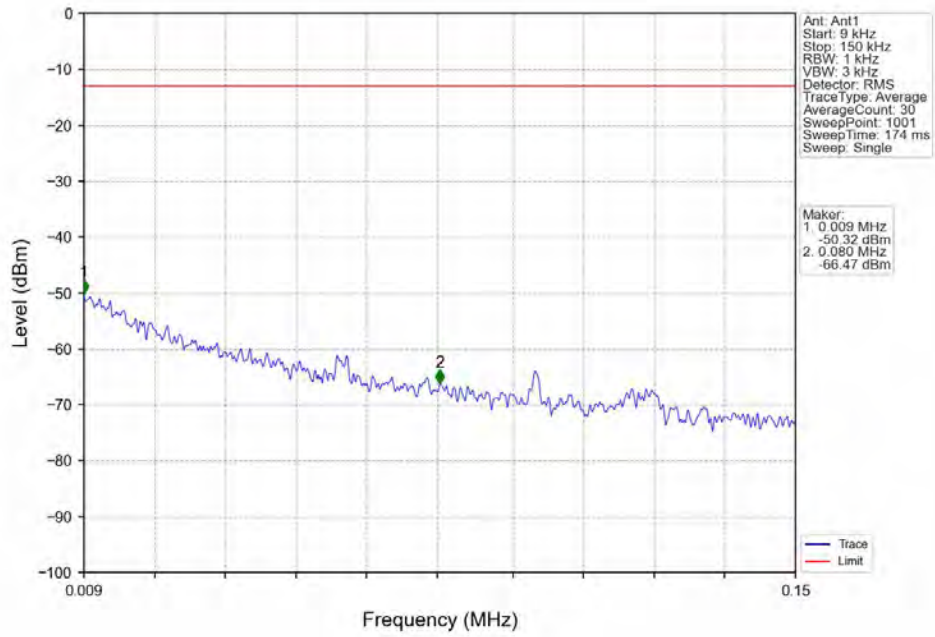


Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV

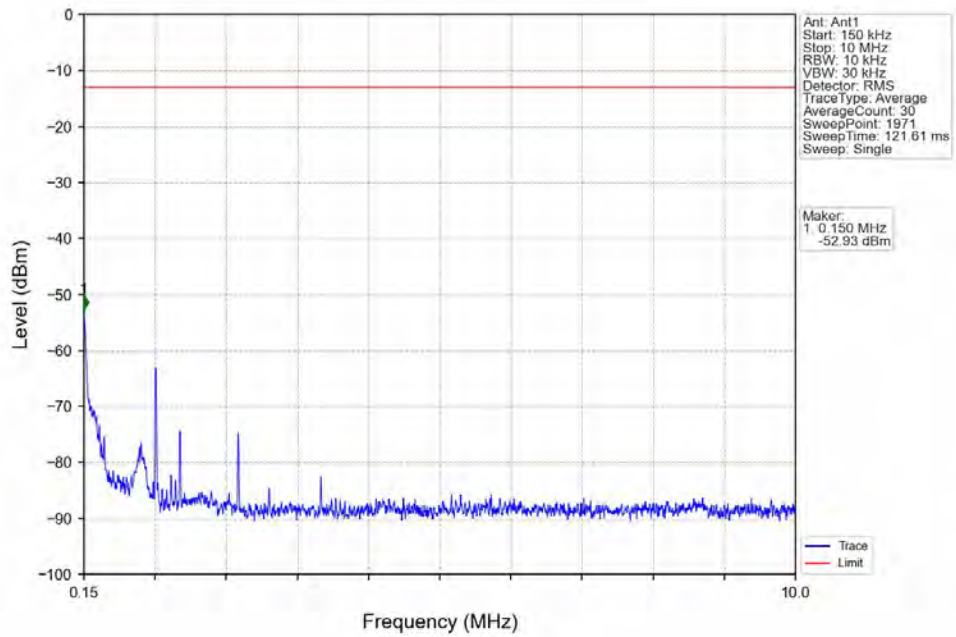


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.710	-27.95	-13	Pass
703.9	704	0.03	/	2	703.980	-29.35	-13	Pass
704	709	0.03	/	/	/	/	/	/

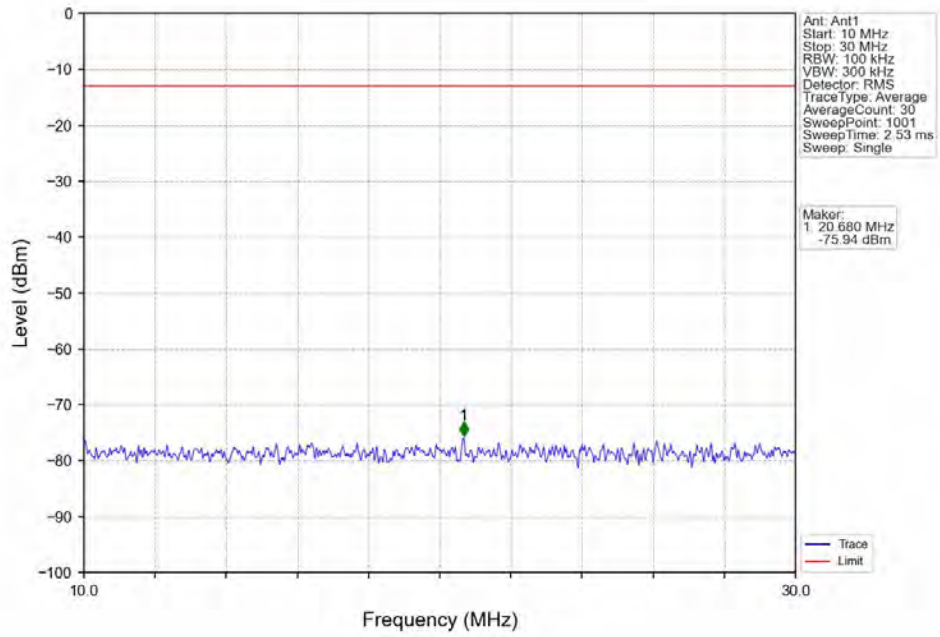
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



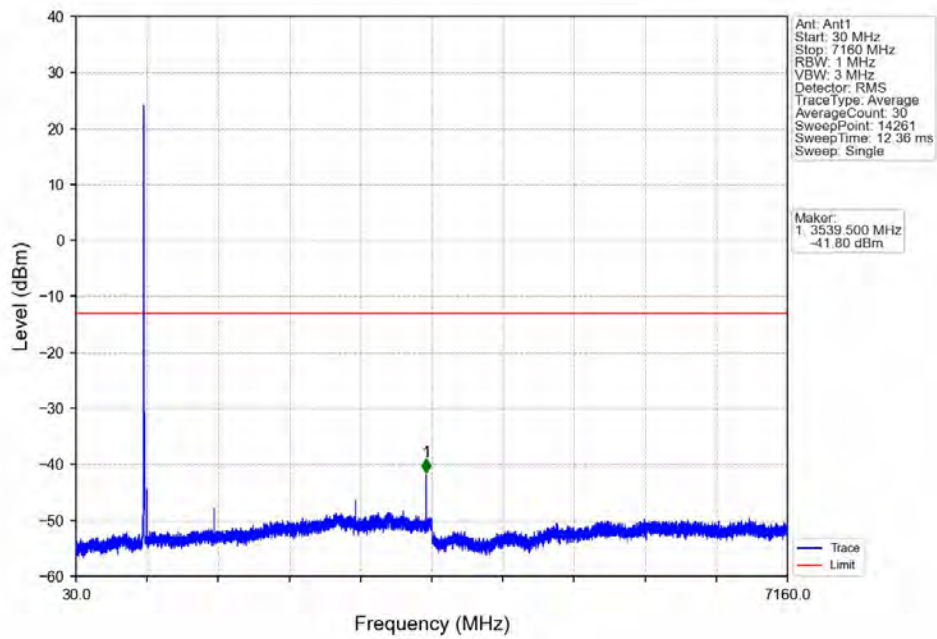
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



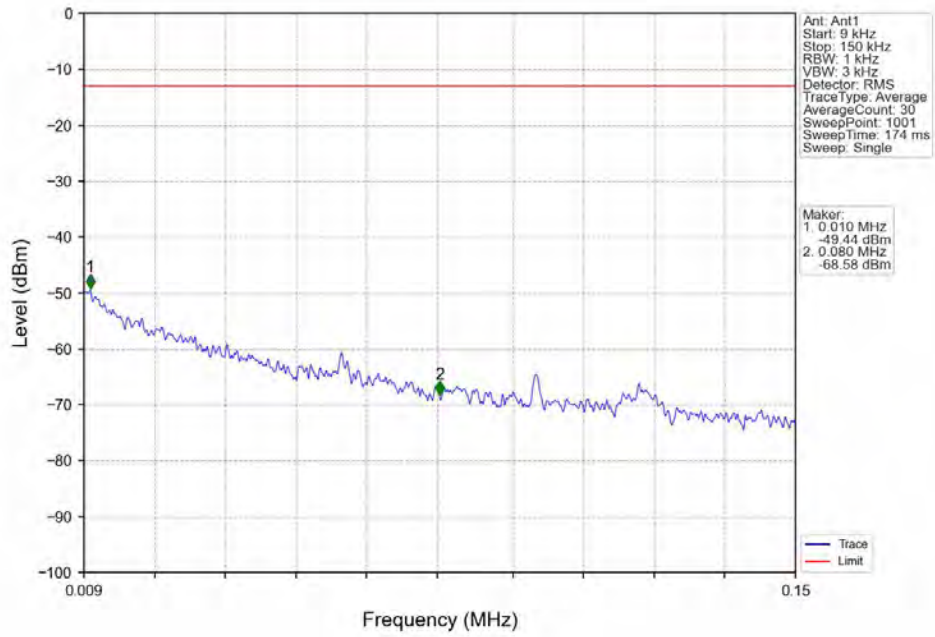
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



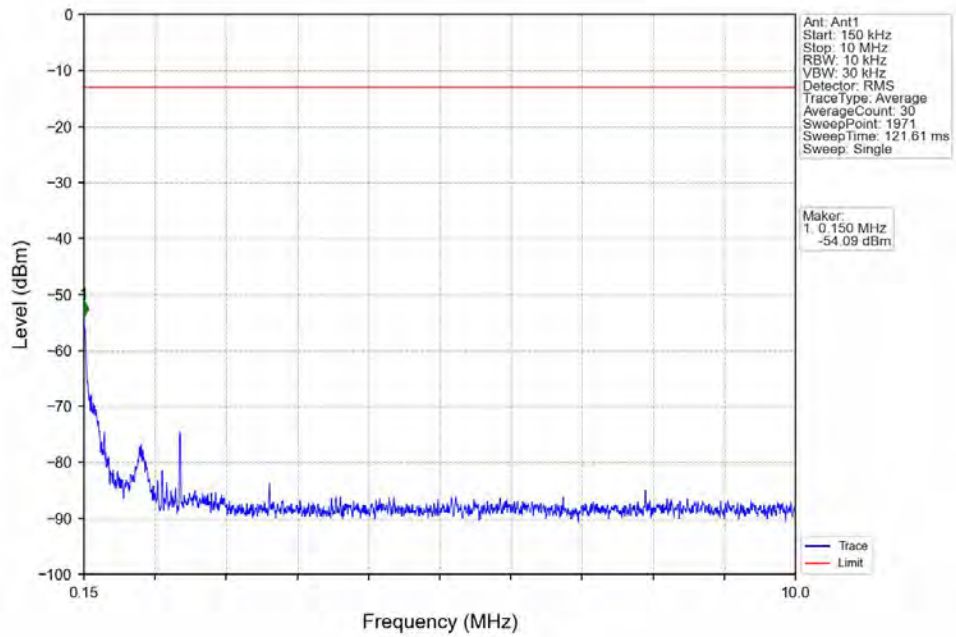
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



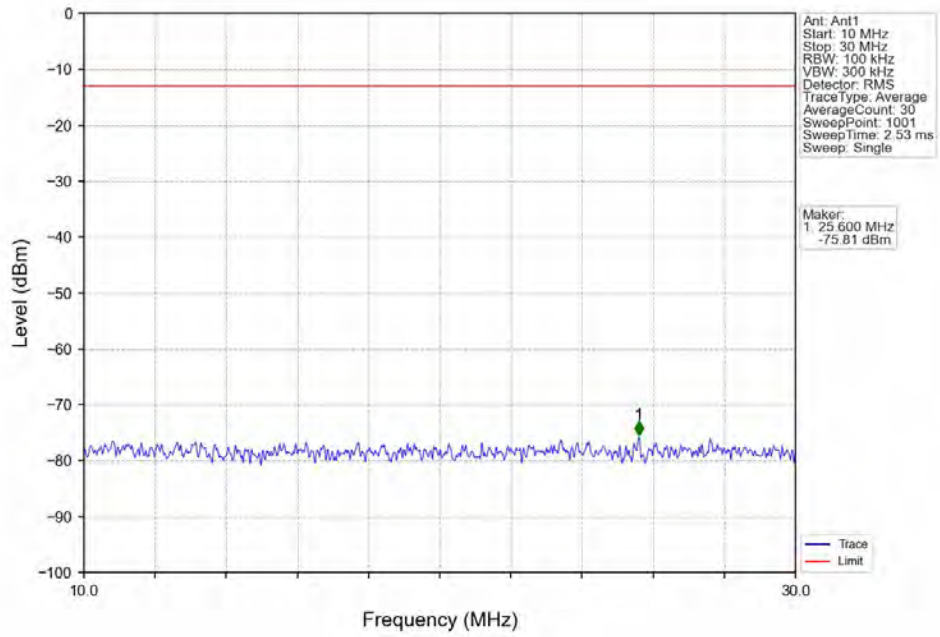
Band17 5MHz QPSK HCH 713.5MHz RB 1 0 NTN



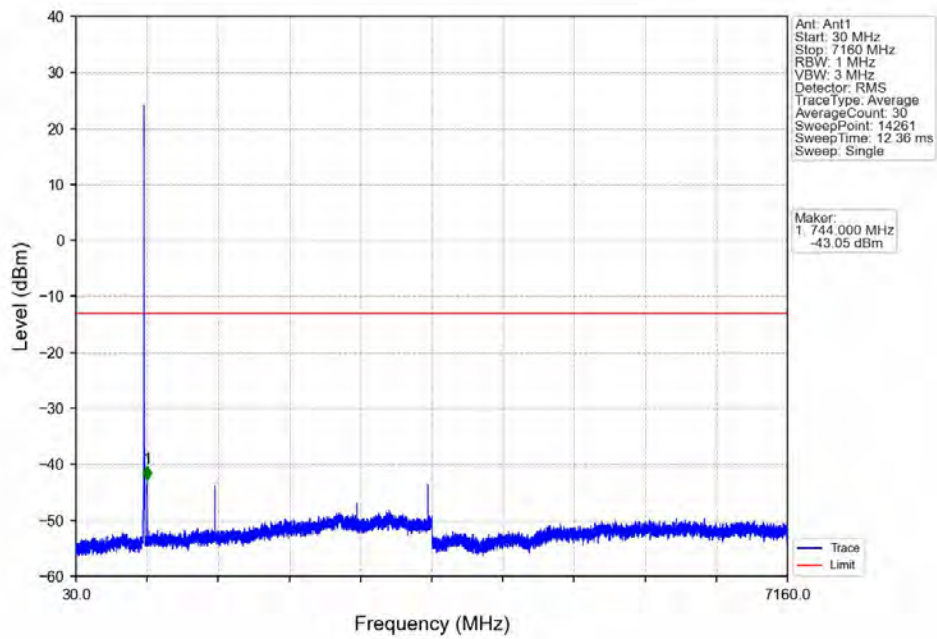
Band17 5MHz QPSK HCH 713.5MHz RB 1 0 NTN



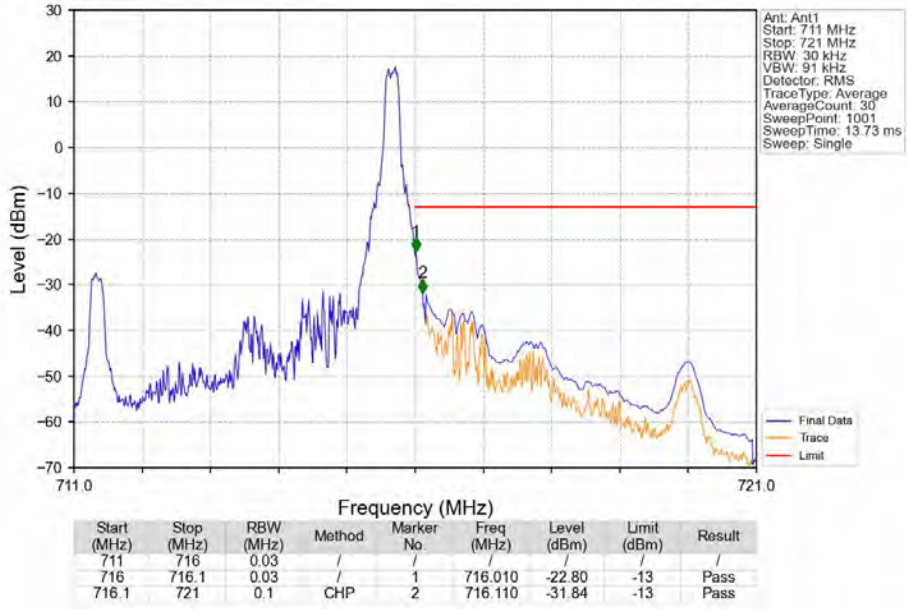
Band17 5MHz QPSK HCH 713.5MHz RB 1 0 NTN



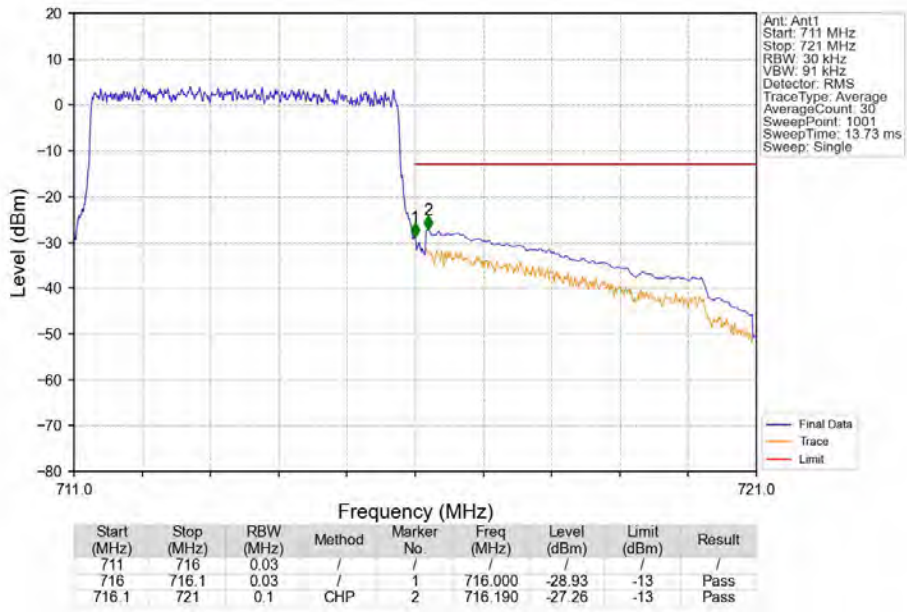
Band17 5MHz QPSK HCH 713.5MHz RB 1 0 NTN



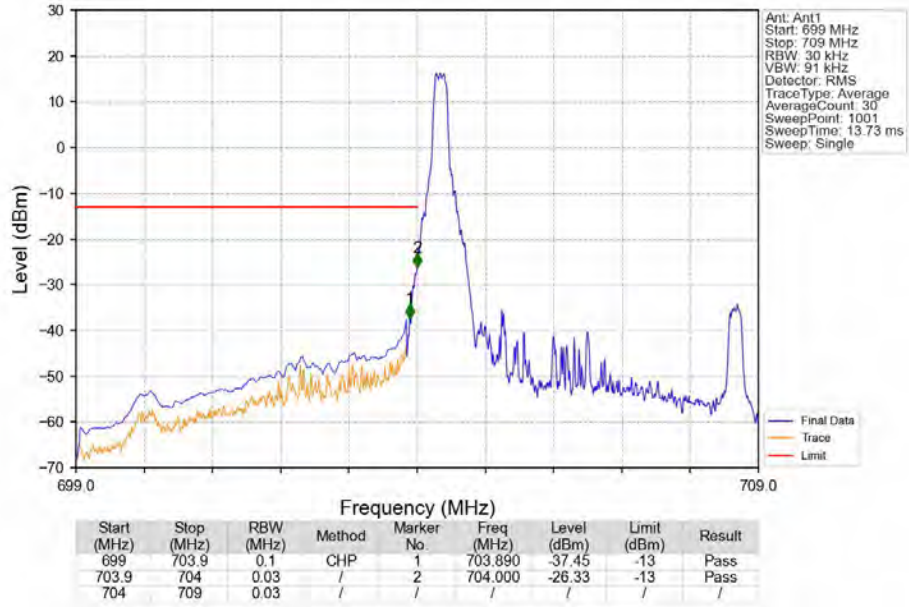
Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV



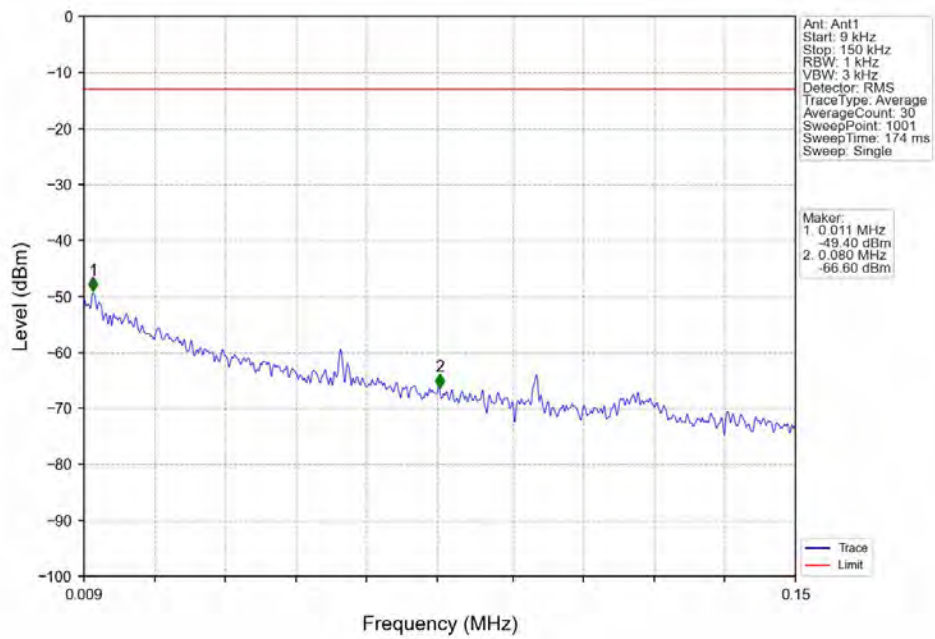
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



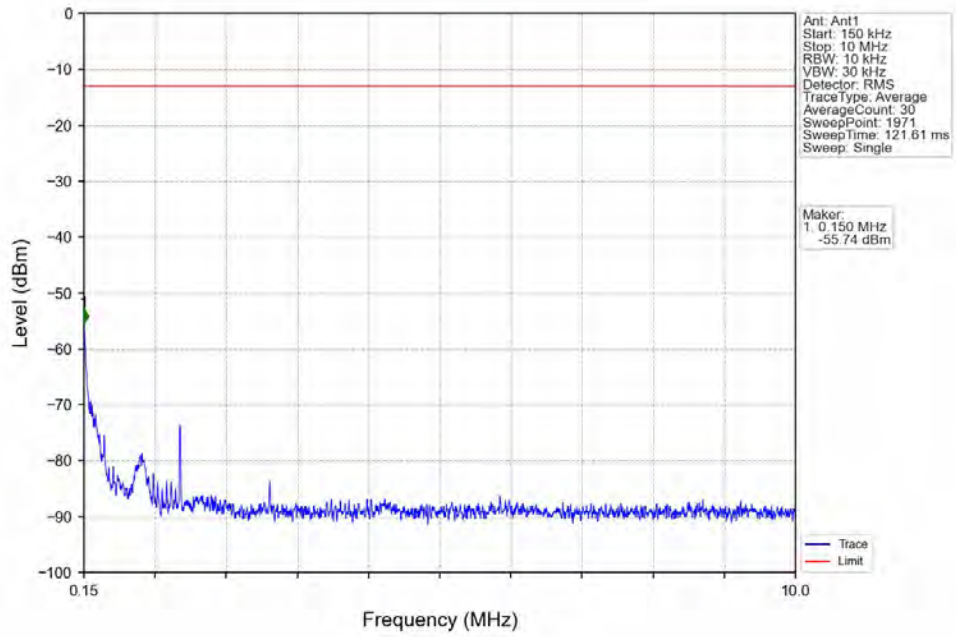
Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV



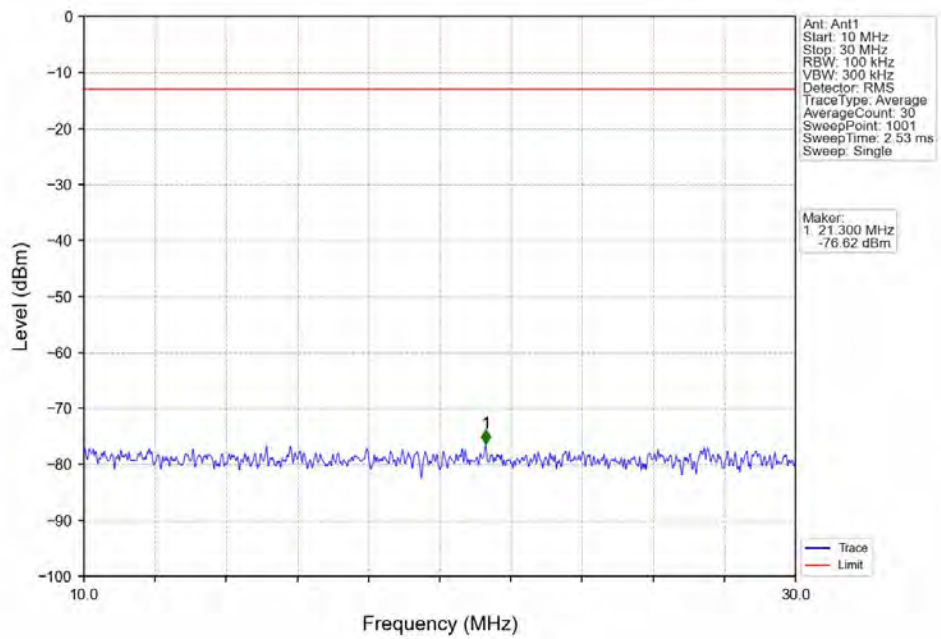
Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV



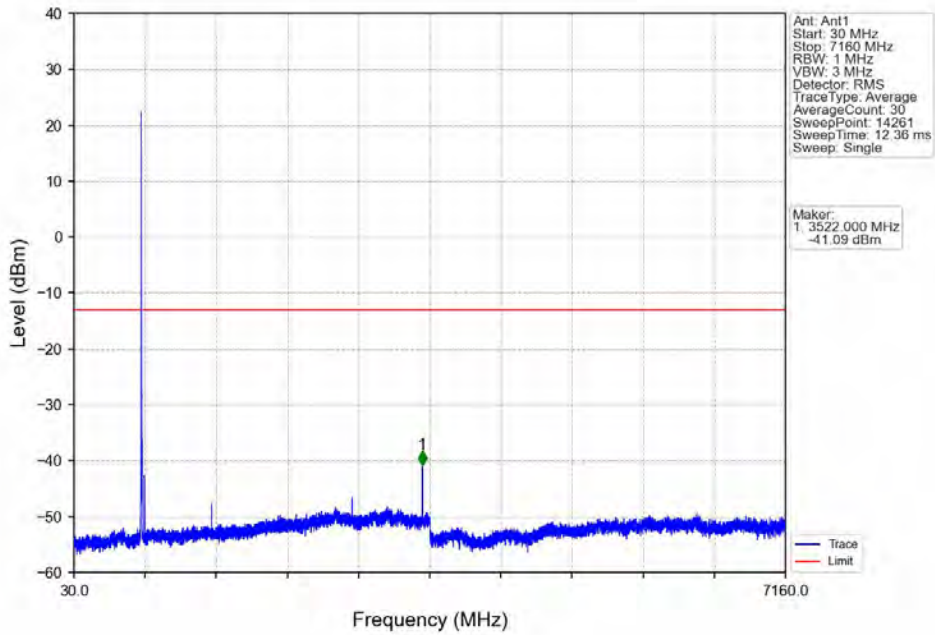
Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV



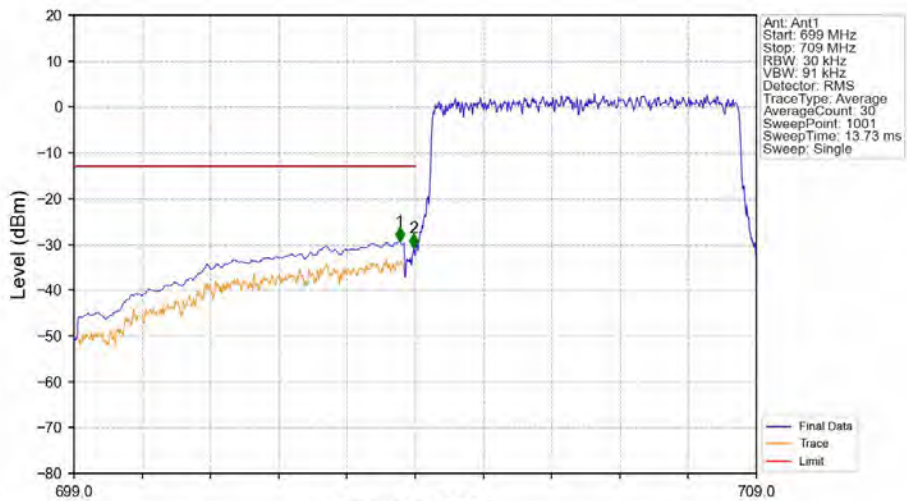
Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV



Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV

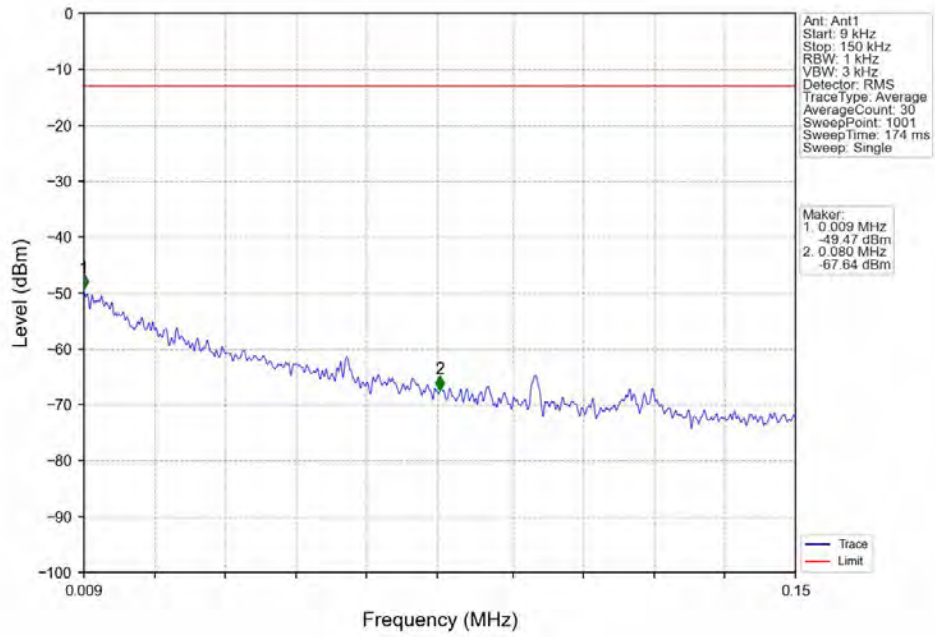


Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV

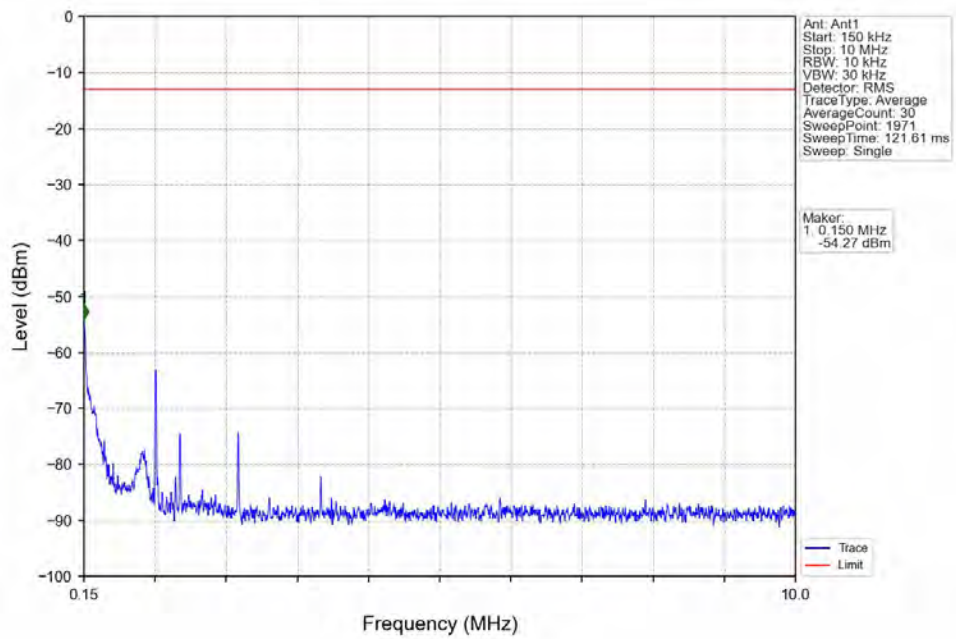


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.770	-29.45	-13	Pass
703.9	704	0.03	/	2	703.980	-30.85	-13	Pass
704	709	0.03	/	/	/	/	/	/

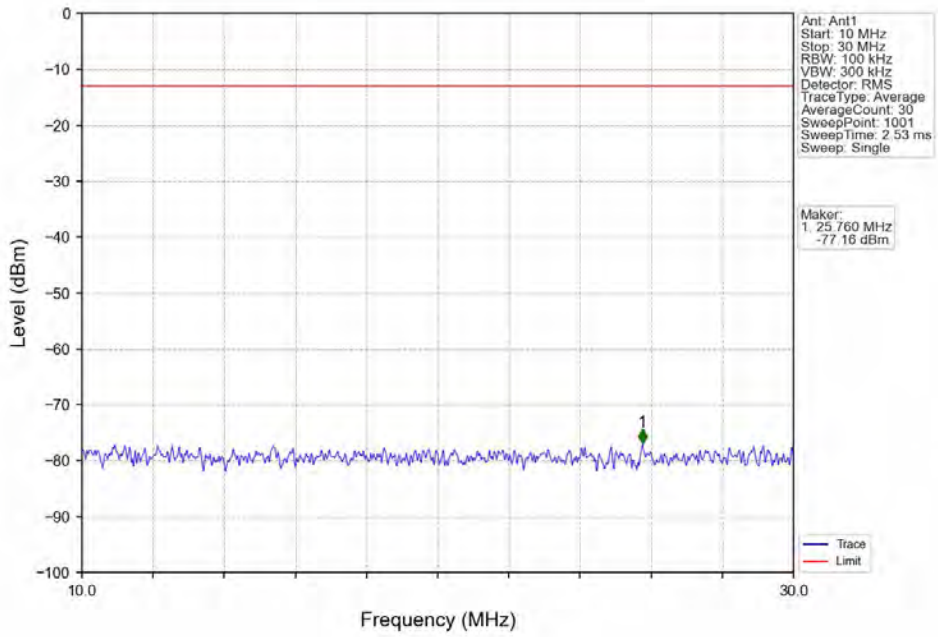
Band17 5MHz 16QAM MCH 710MHz RB 1 0 NTN



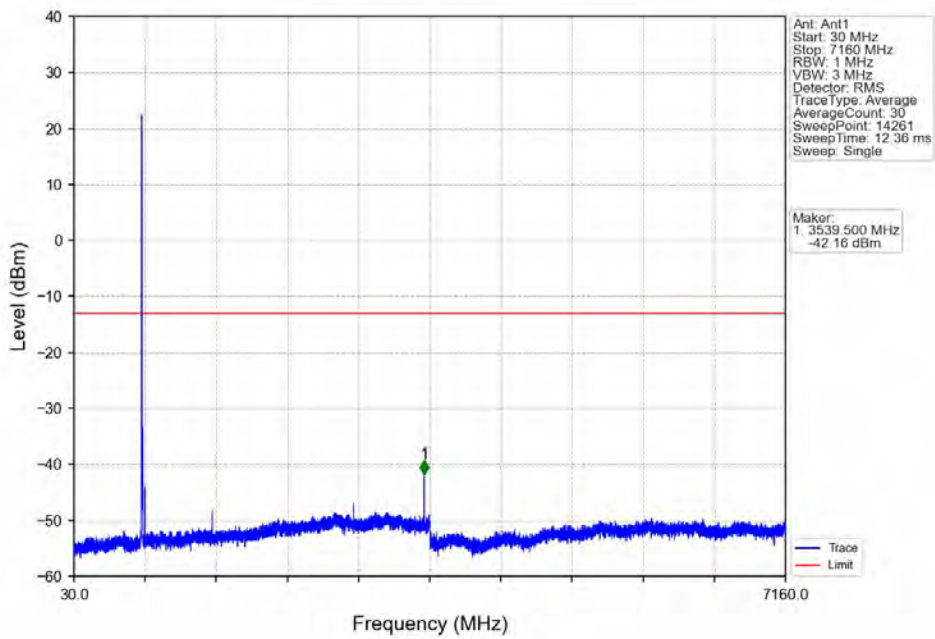
Band17 5MHz 16QAM MCH 710MHz RB 1 0 NTN



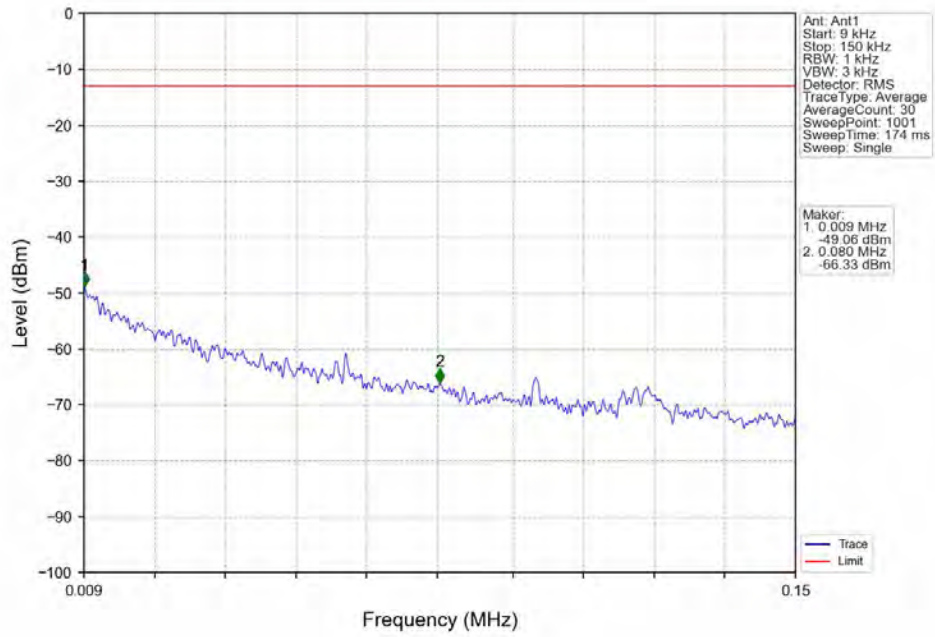
Band17 5MHz 16QAM MCH 710MHz RB 1 0 NTN



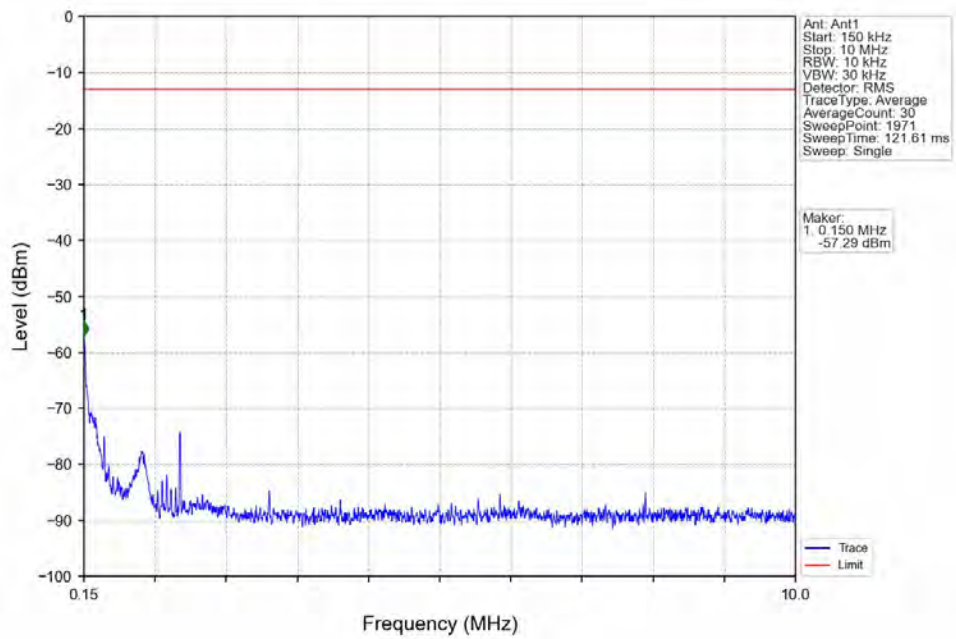
Band17 5MHz 16QAM MCH 710MHz RB 1 0 NTN



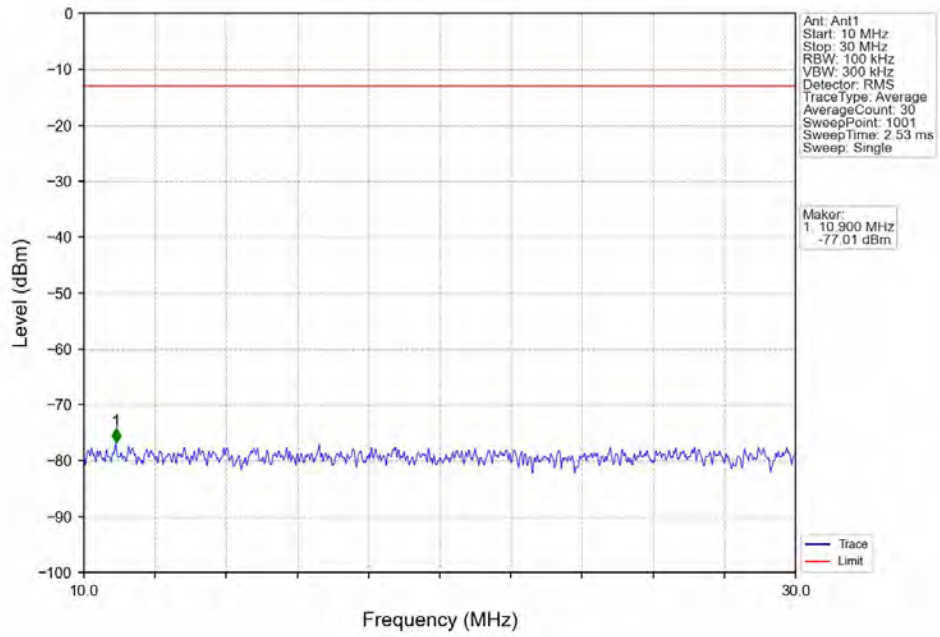
Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



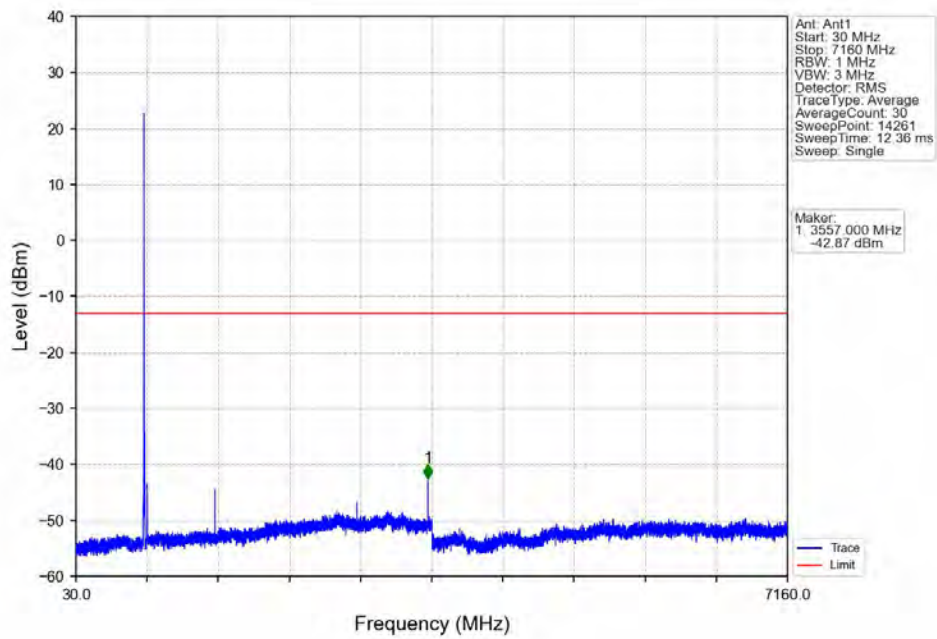
Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



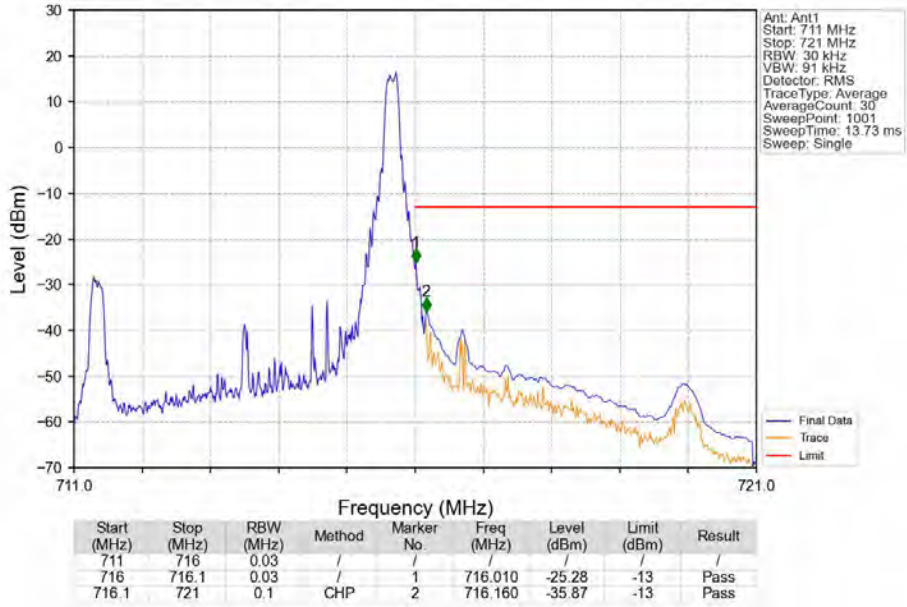
Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



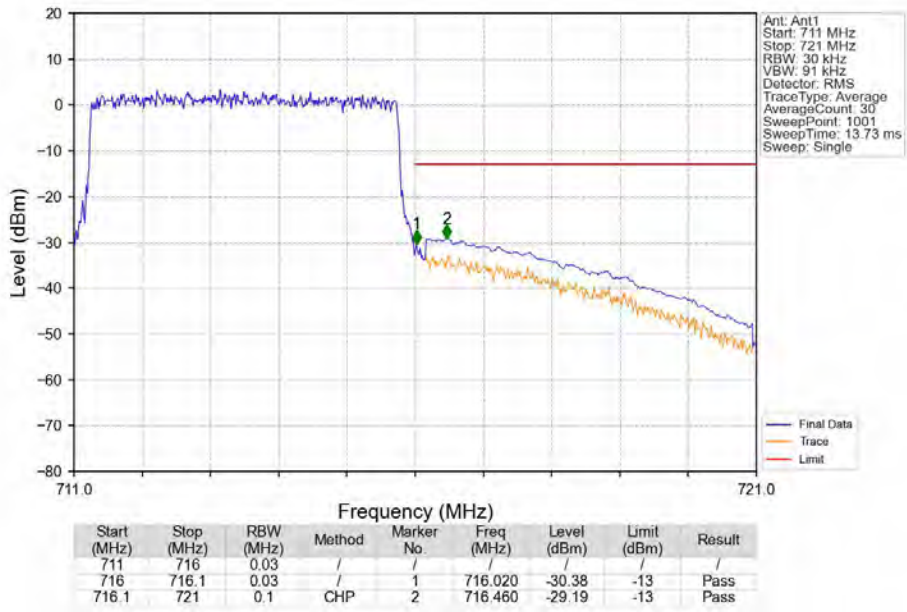
Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



Band17 5MHz 16QAM HCH 713.5MHz RB 1 24 NTV



Band17 5MHz 16QAM HCH 713.5MHz RB 25 0 NTV

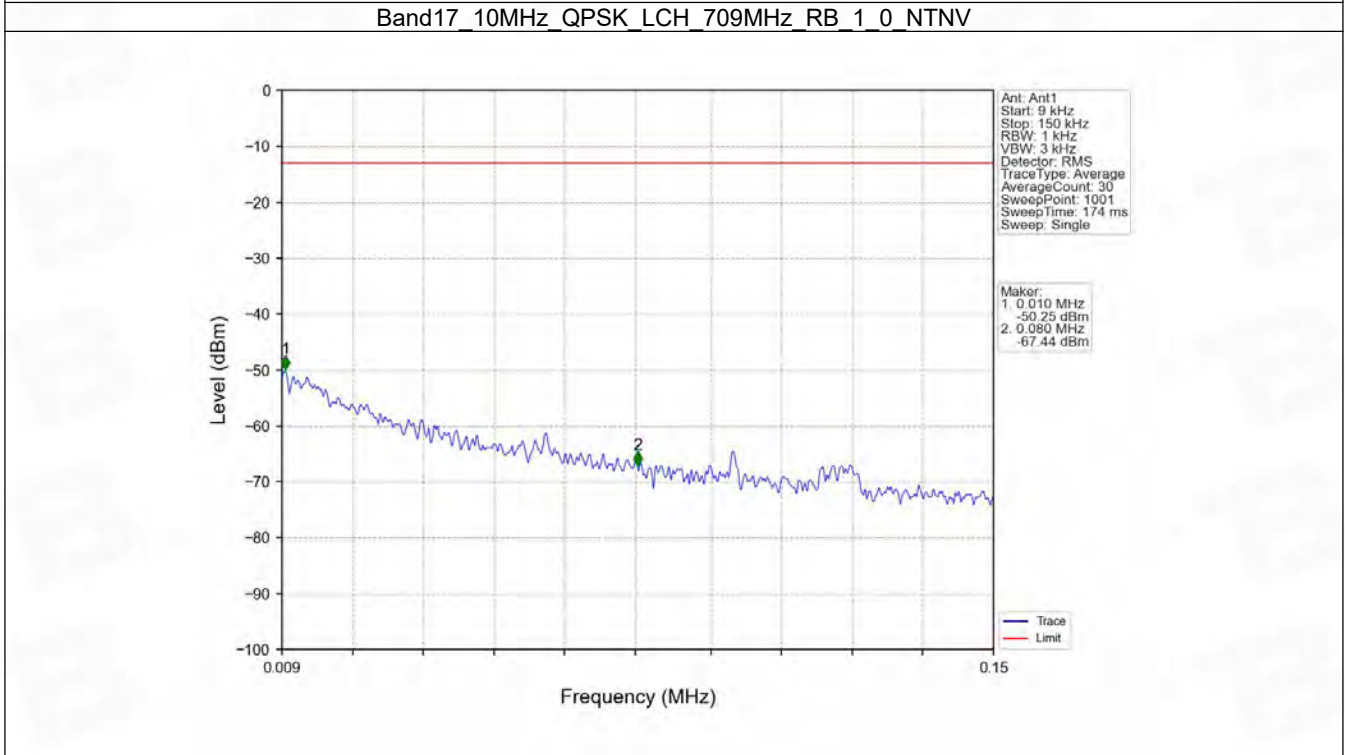
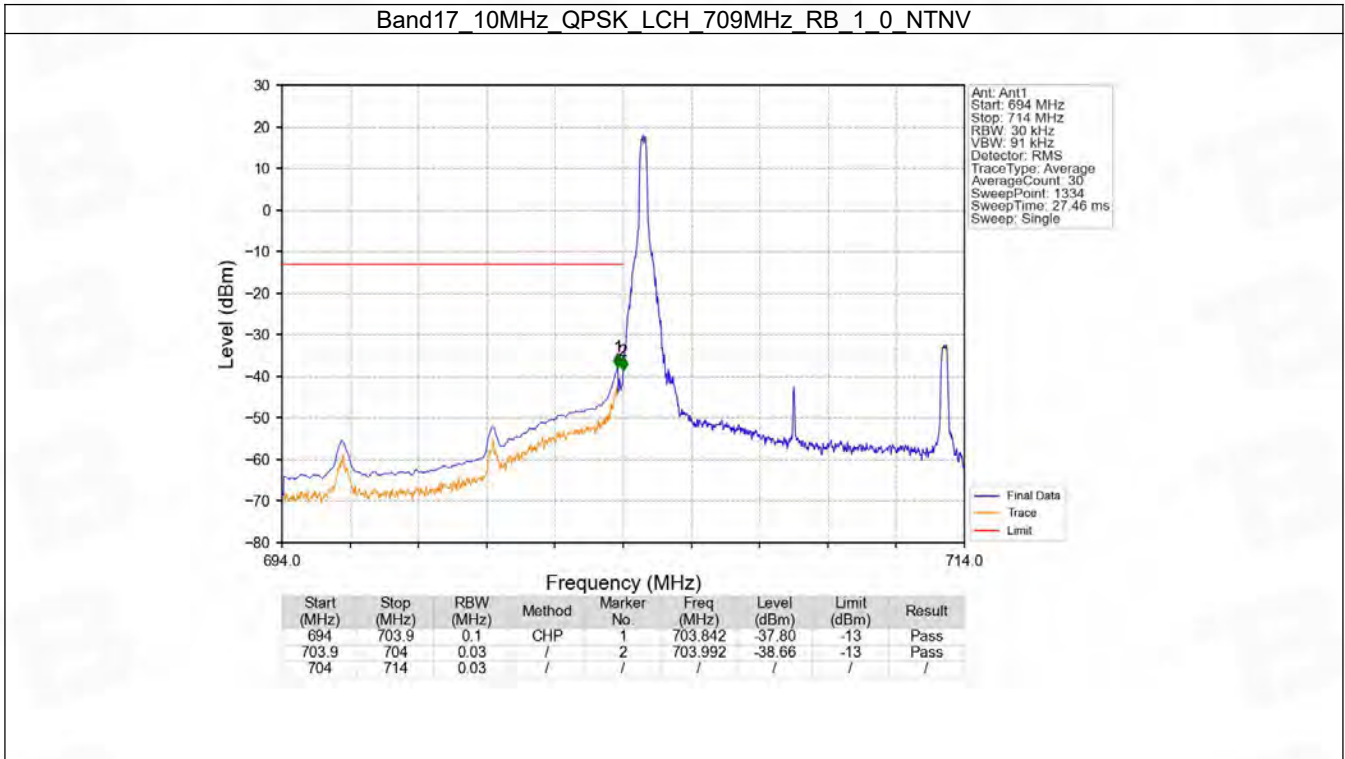


6.2 B17_10MHz

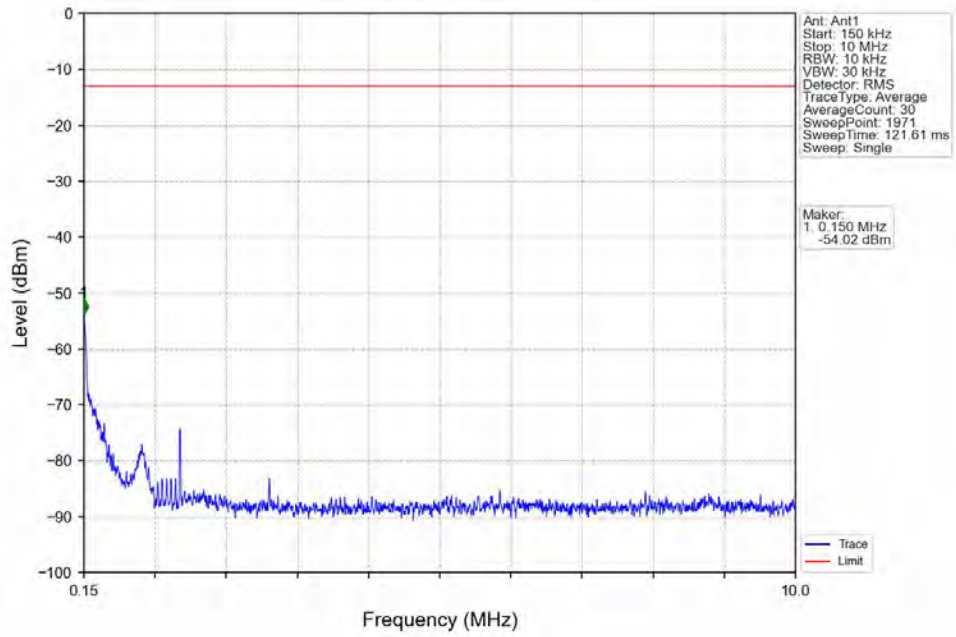
6.2.1 Test Result

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
	711	1	0	Refer To Test Graph		Pass
		1	49	Refer To Test Graph		Pass
		50	0	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
	711	1	0	Refer To Test Graph		Pass
		1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

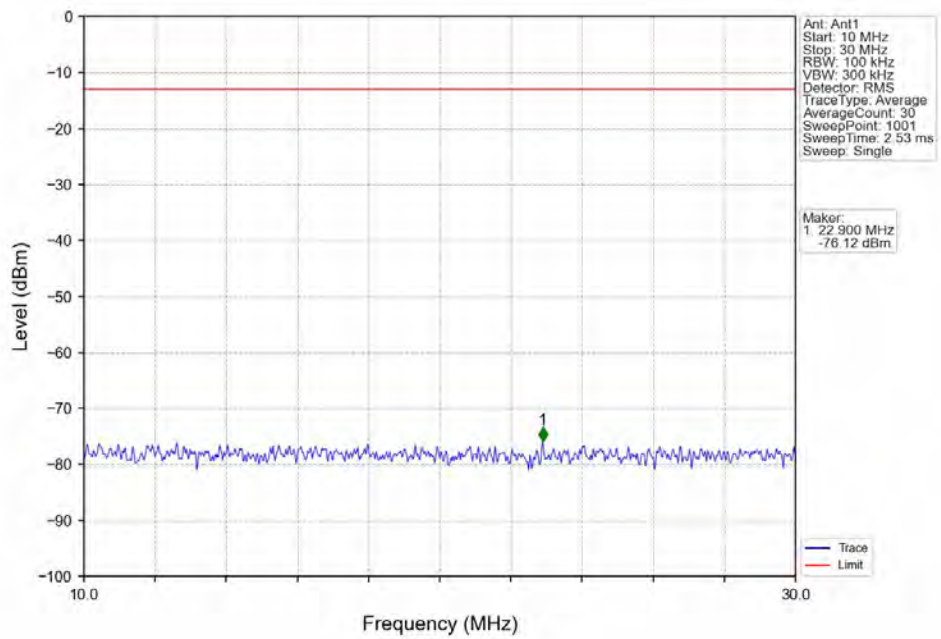
6.2.2 Test Graph



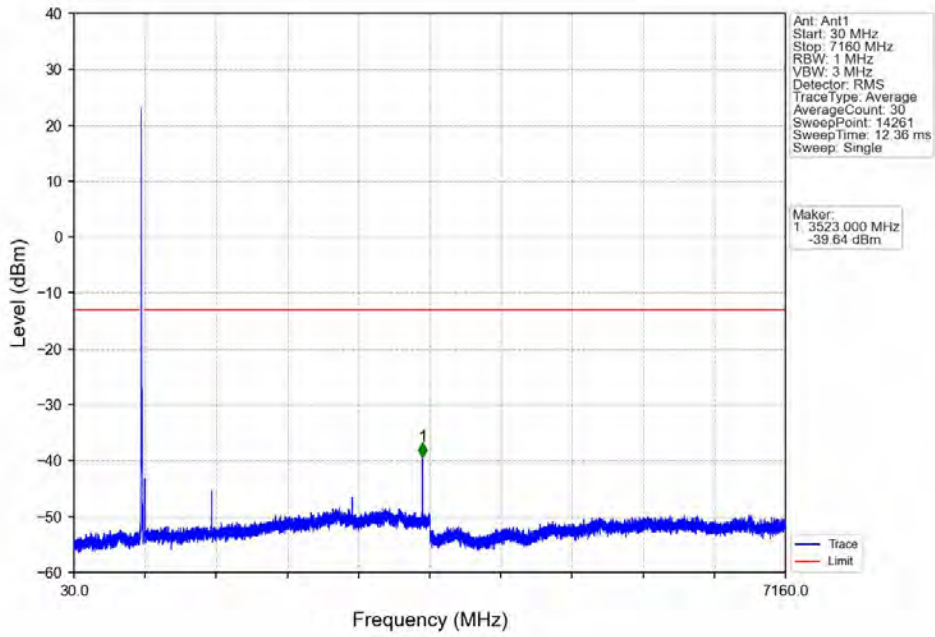
Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV



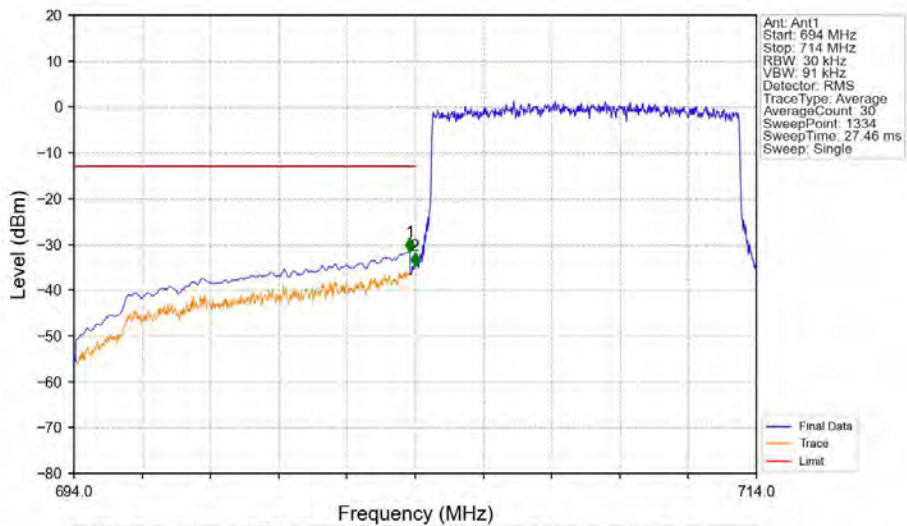
Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV



Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV

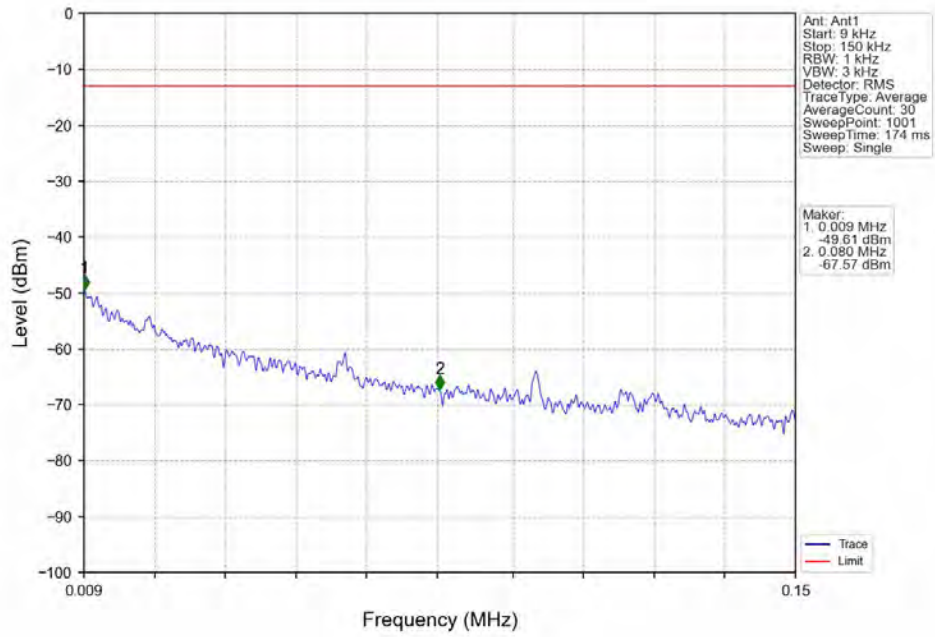


Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV

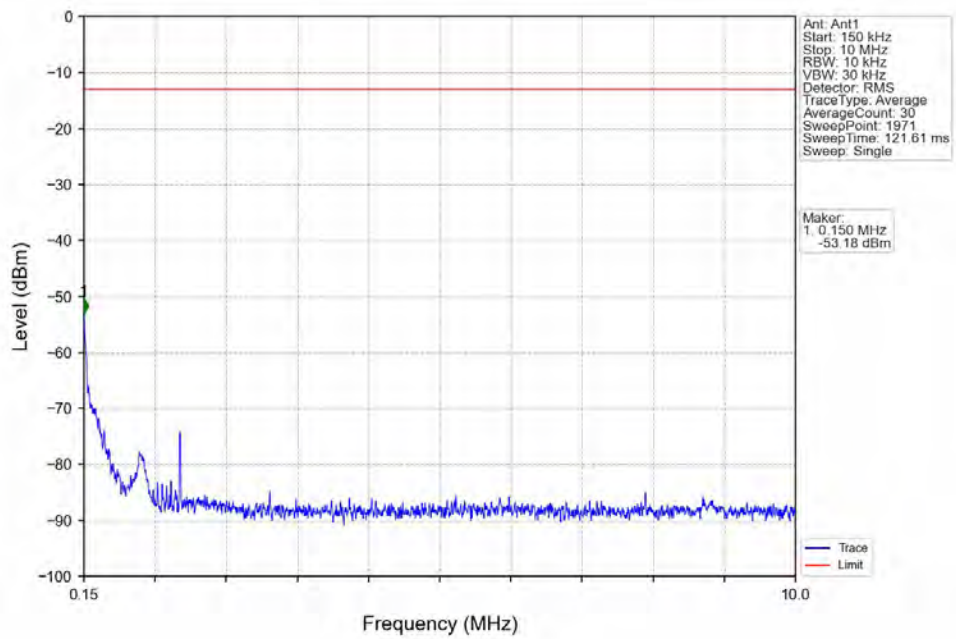


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-31.72	-13	Pass
703.9	704	0.03	/	2	703.992	-34.76	-13	Pass
704	714	0.03	/	/	/	/	/	/

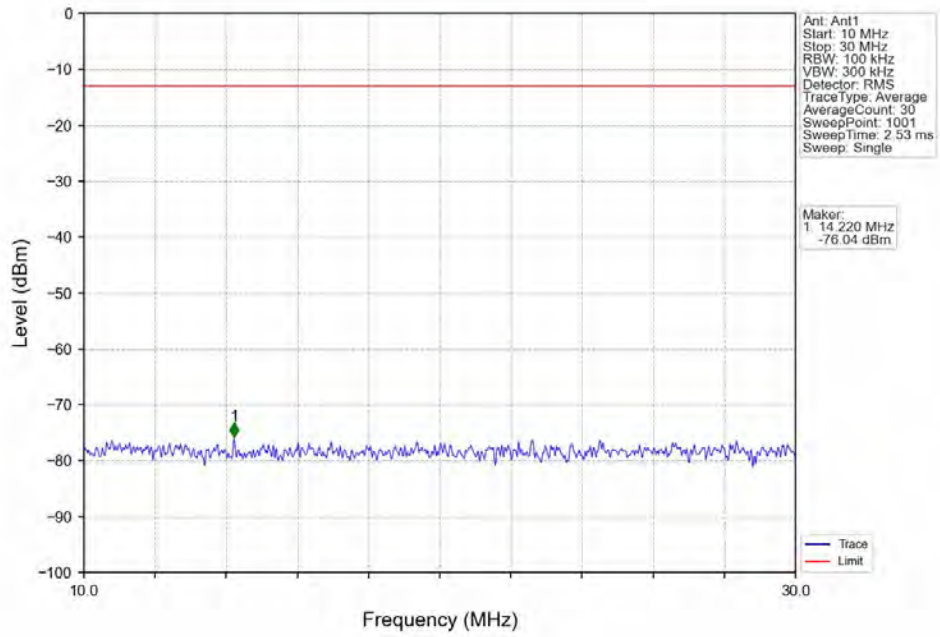
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



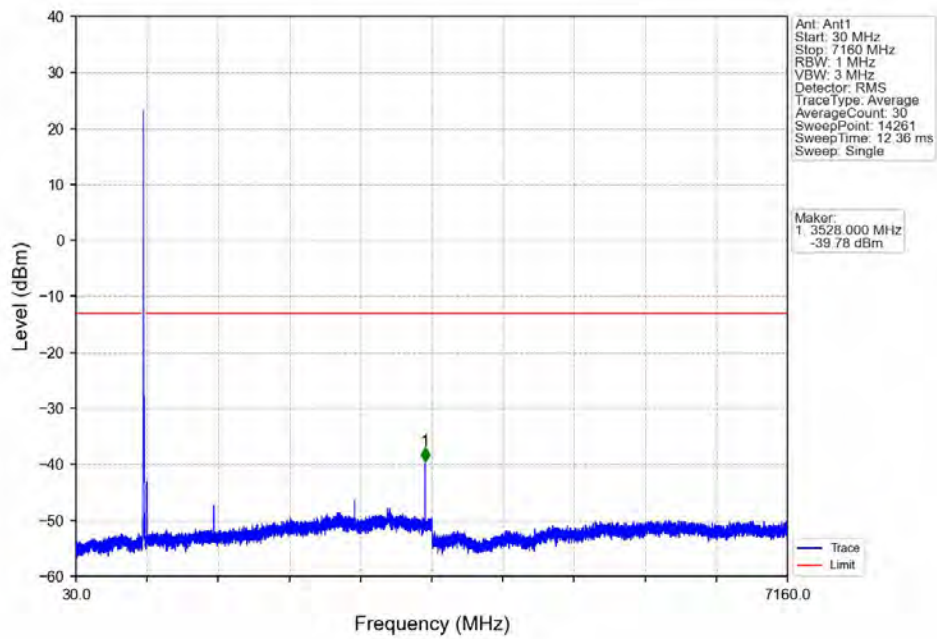
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



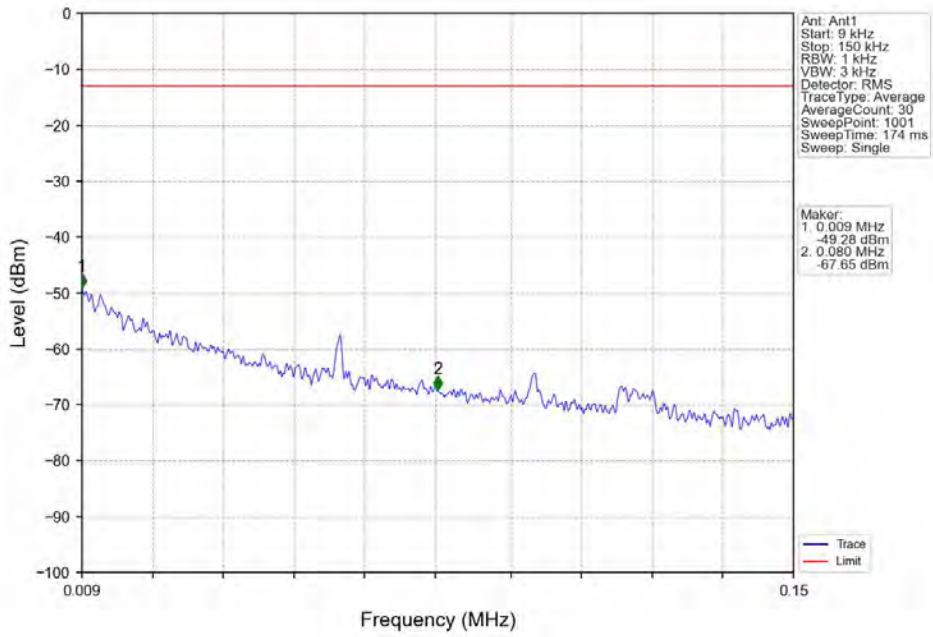
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



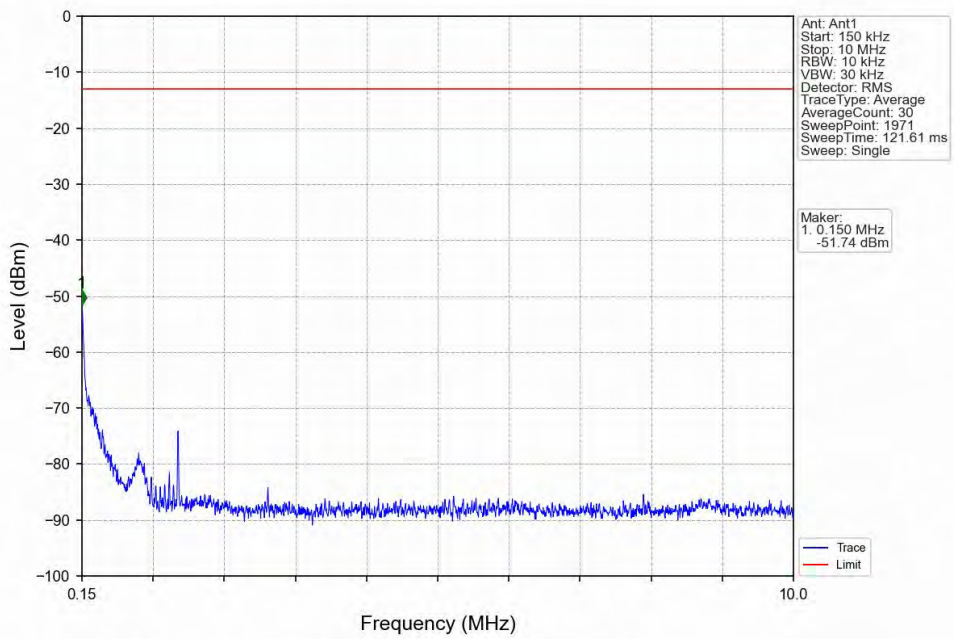
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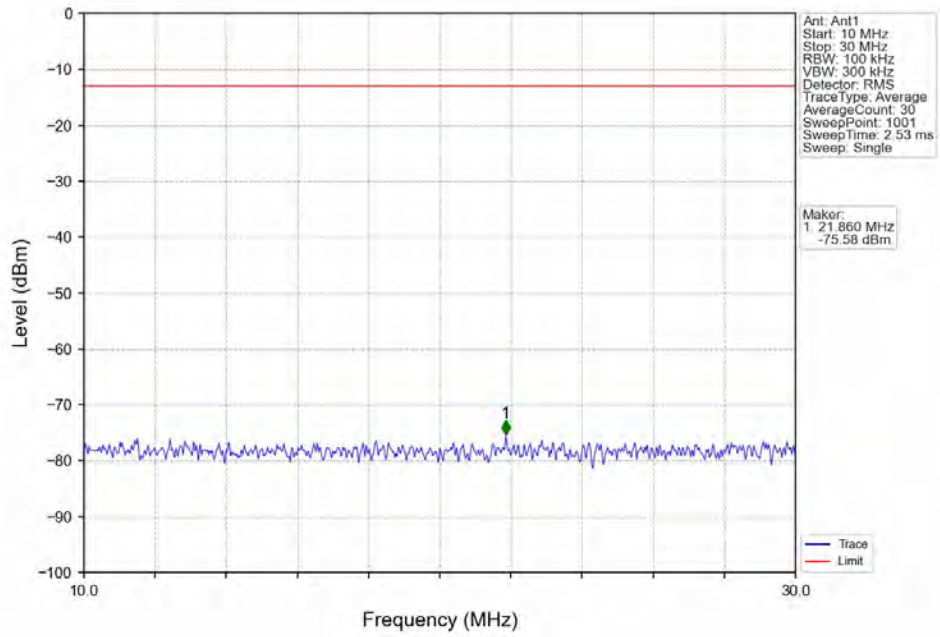
Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



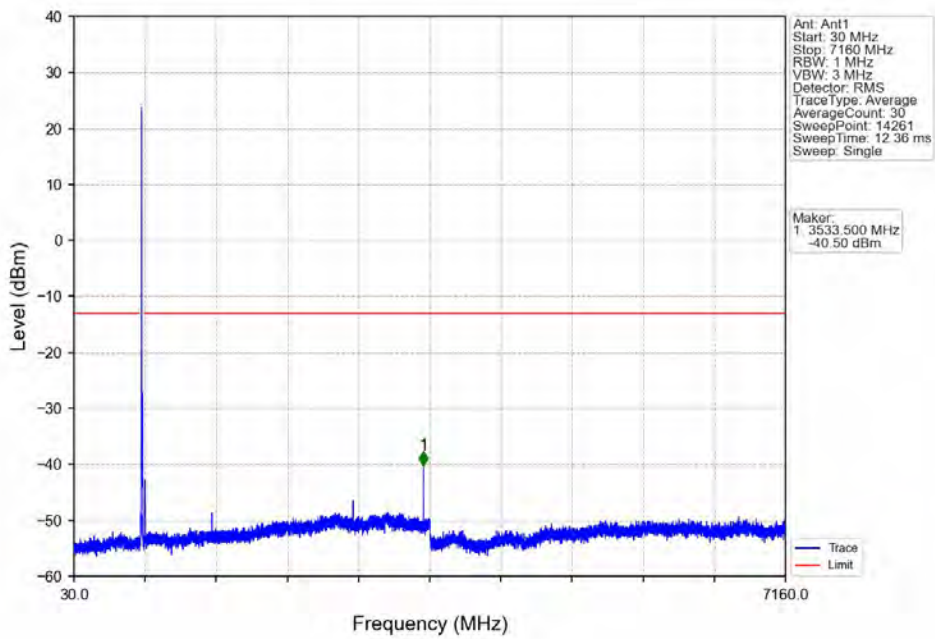
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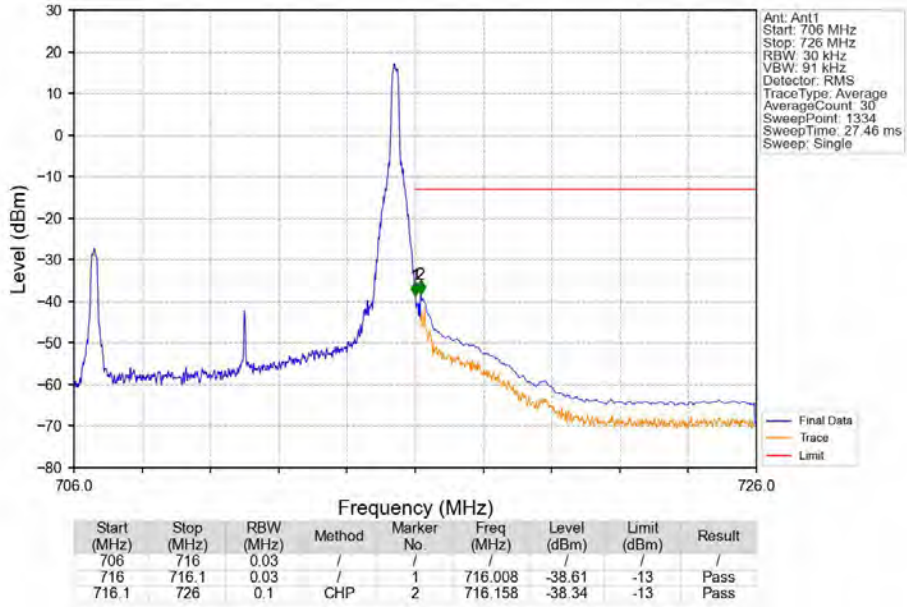
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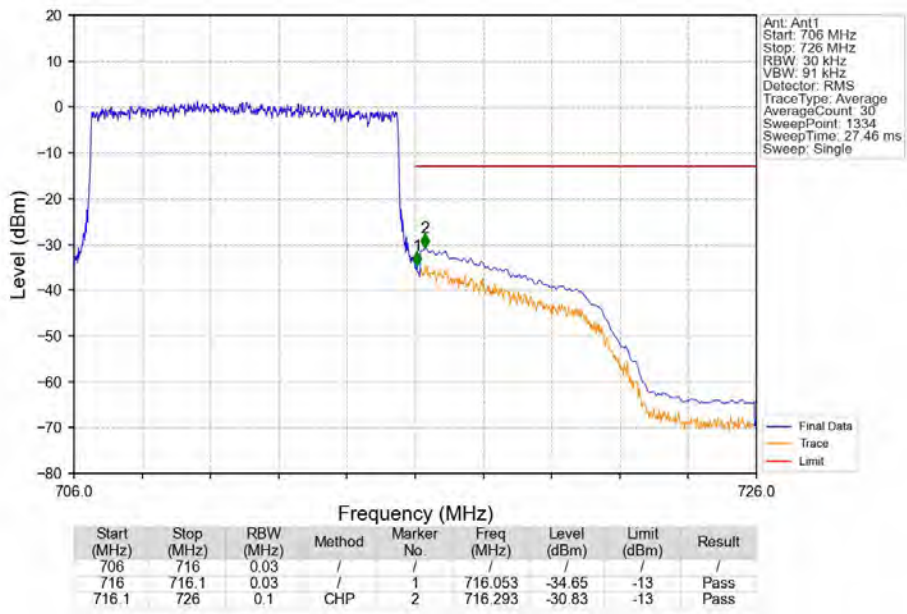
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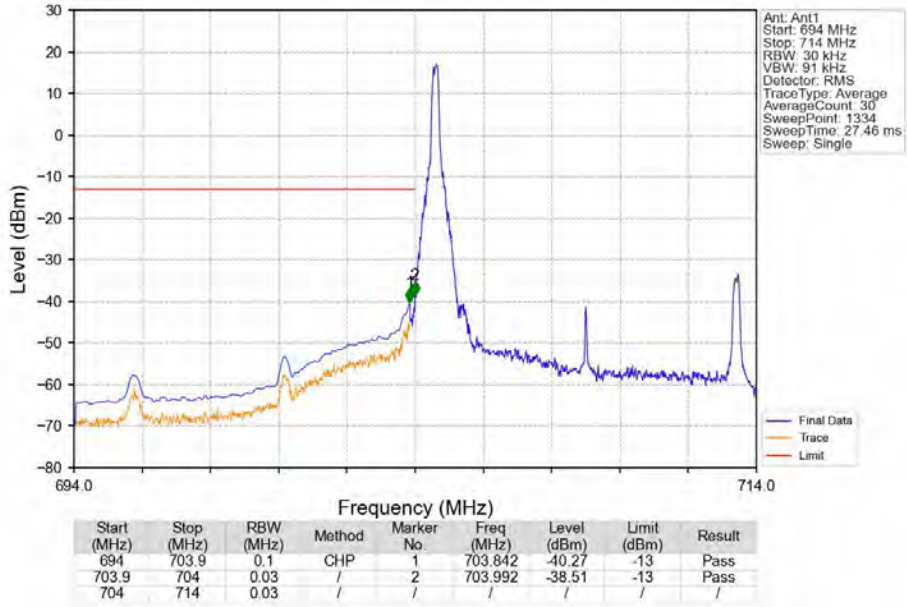
Band17_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV



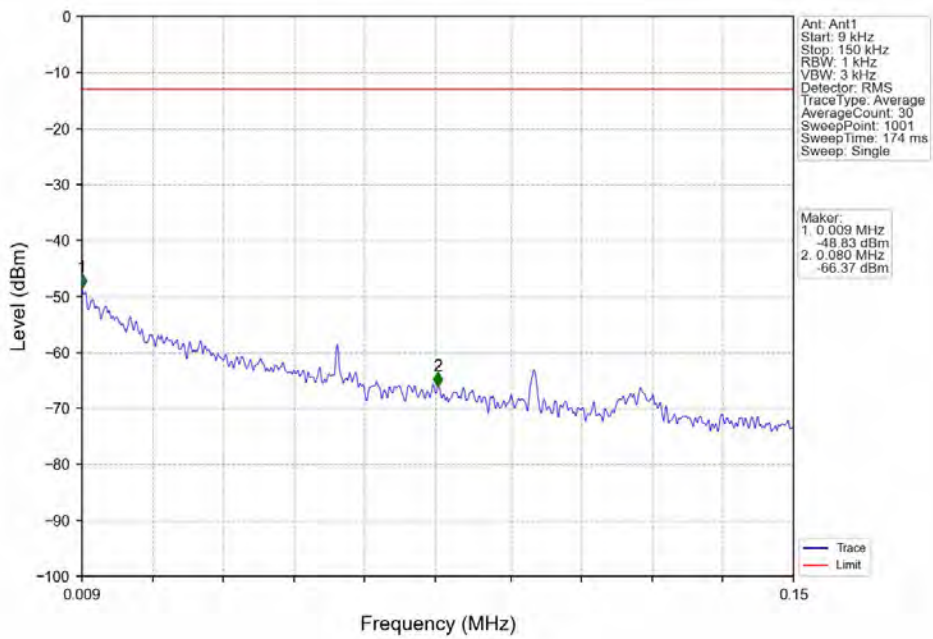
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



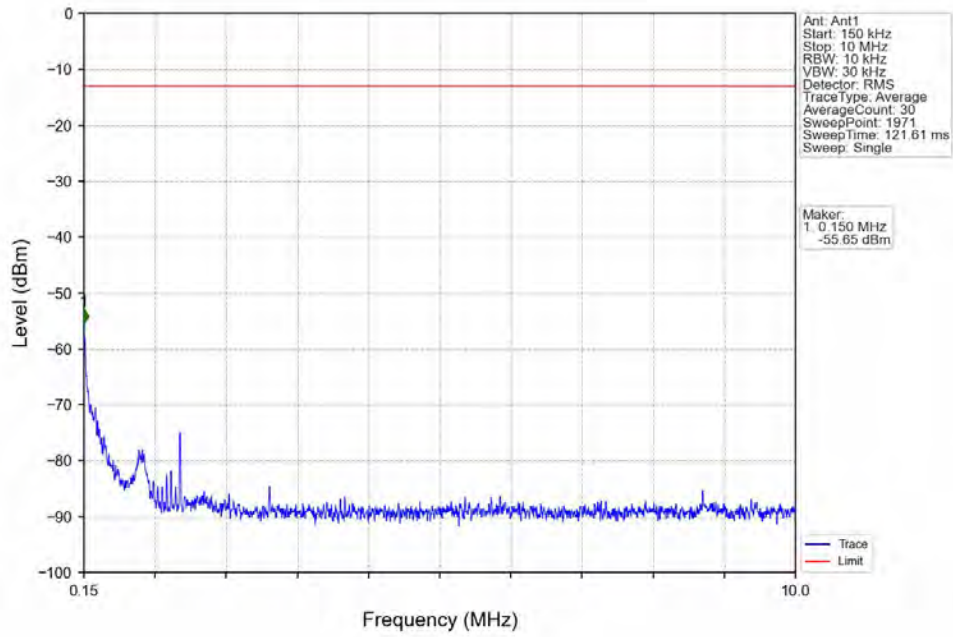
Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV



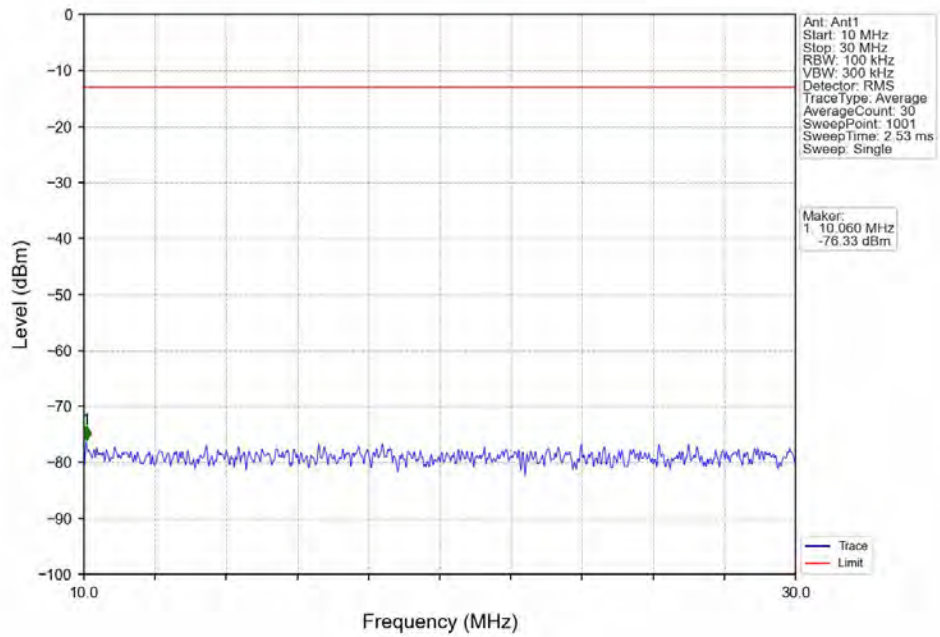
Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV



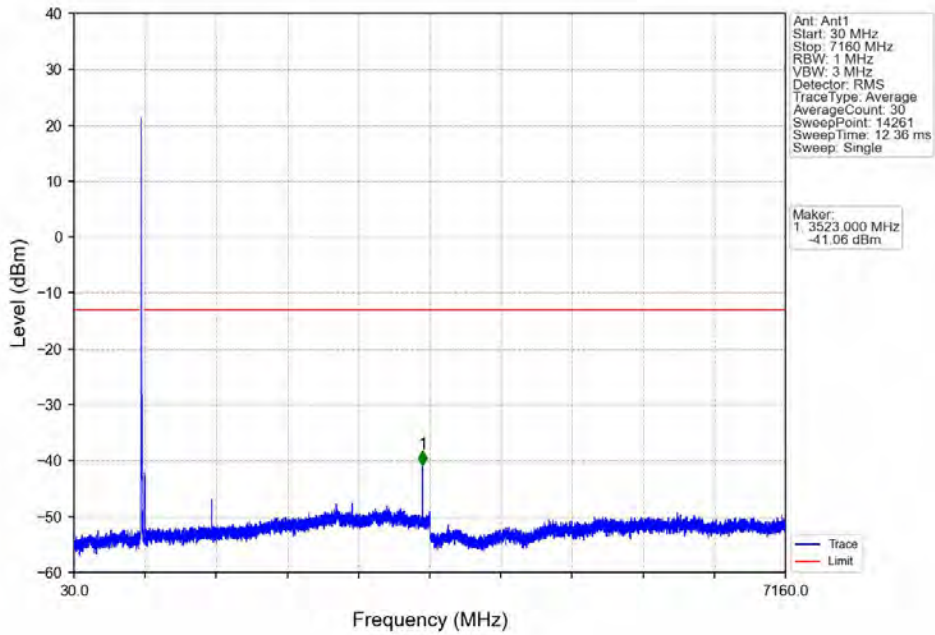
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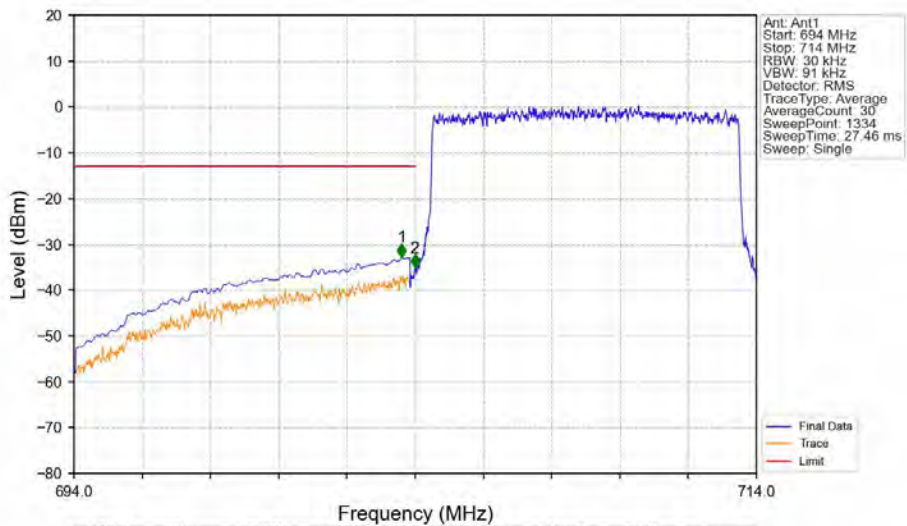
Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV



Band17 10MHz 16QAM LCH 709MHz RB 1 0 NTV

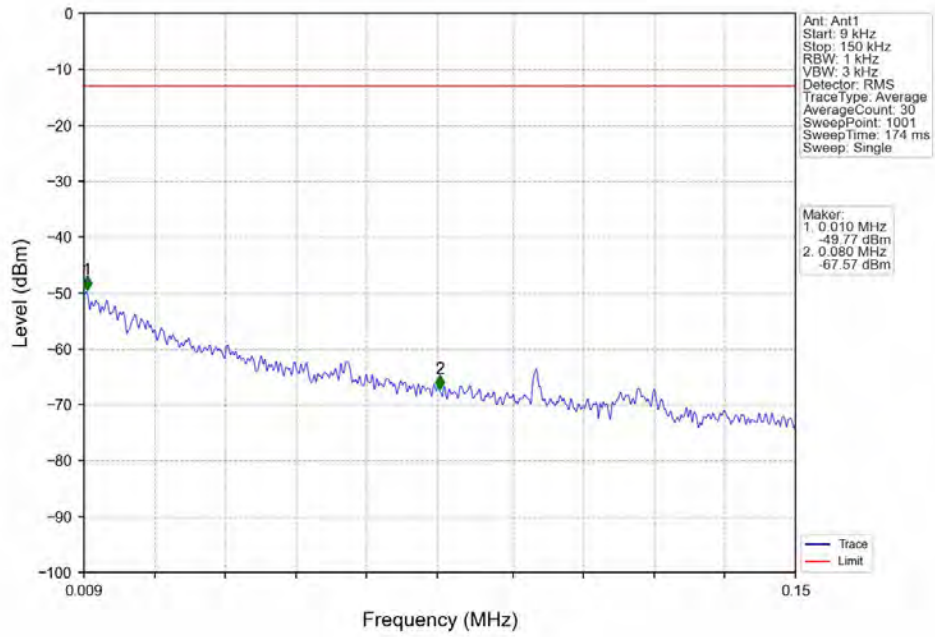


Band17 10MHz 16QAM LCH 709MHz RB 50 0 NTV

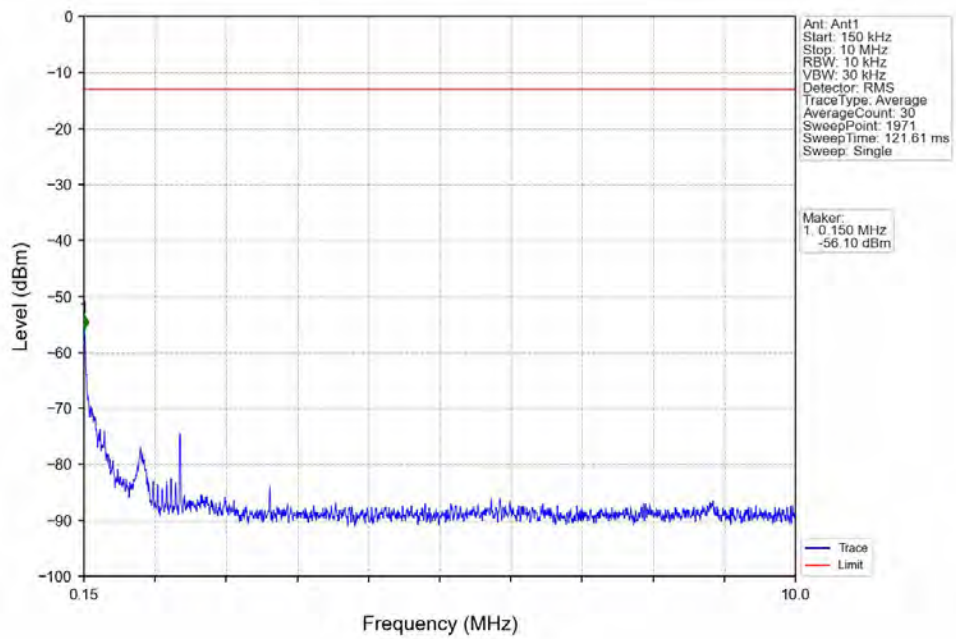


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.602	-32.83	-13	Pass
703.9	704	0.03	/	2	703.992	-35.19	-13	Pass
704	714	0.03	/	/	/	/	/	/

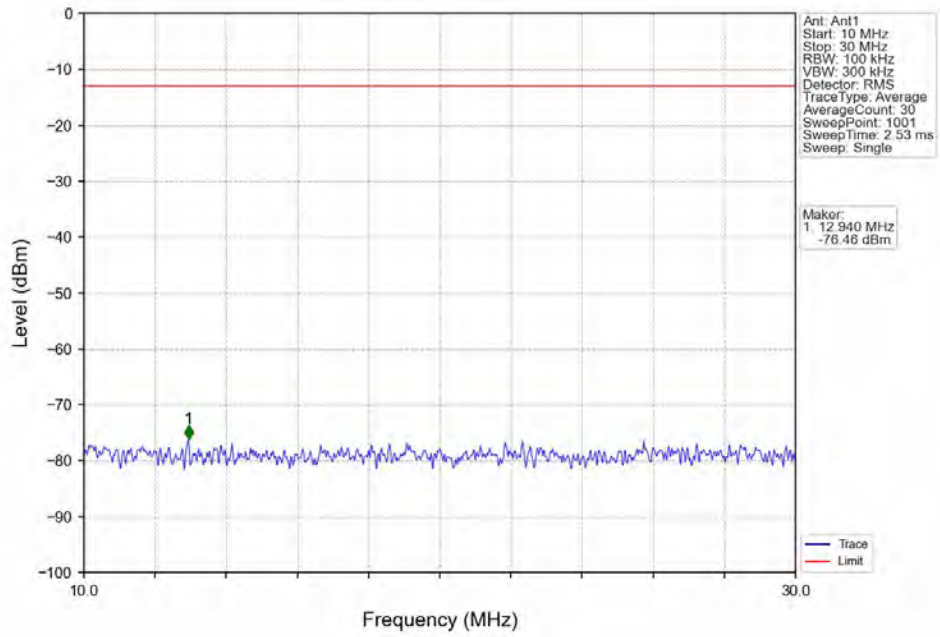
Band17_10MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



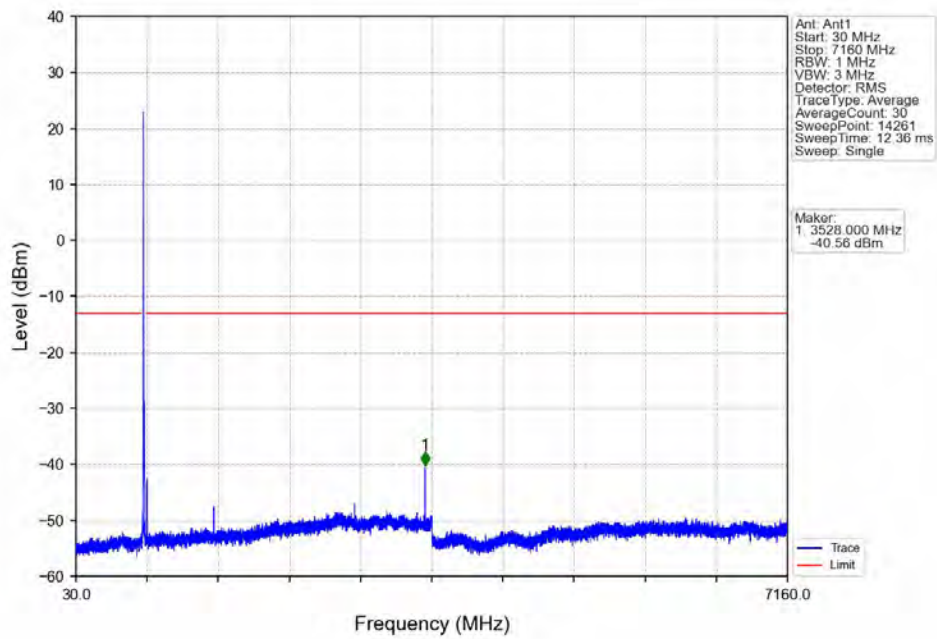
Band17_10MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



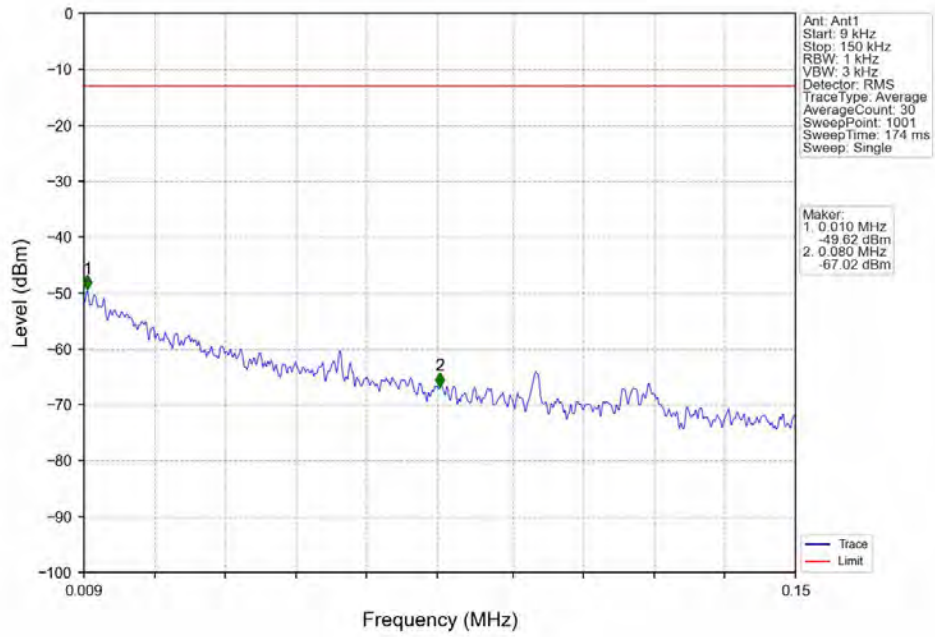
Band17_10MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



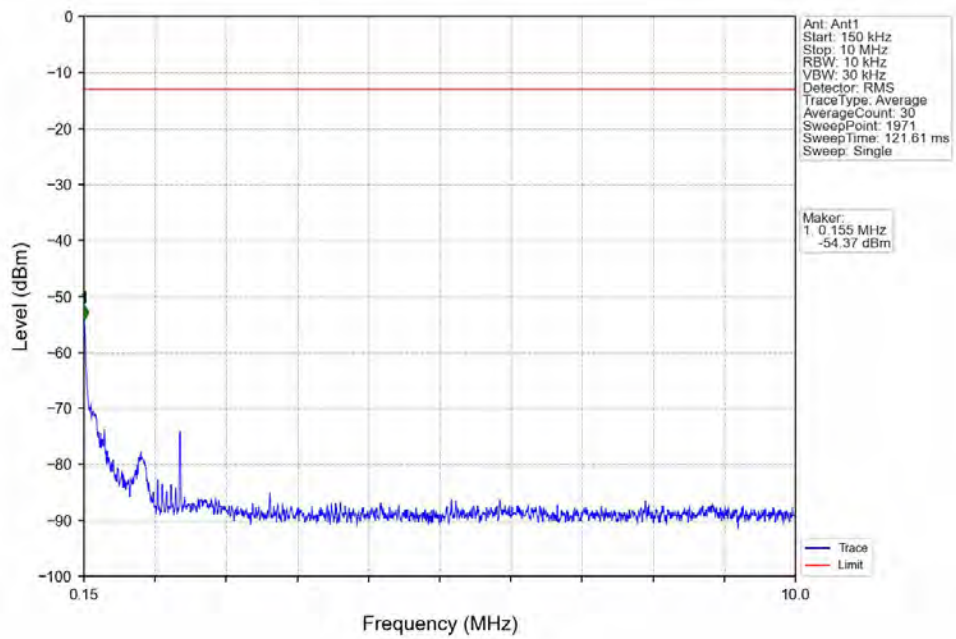
Band17_10MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



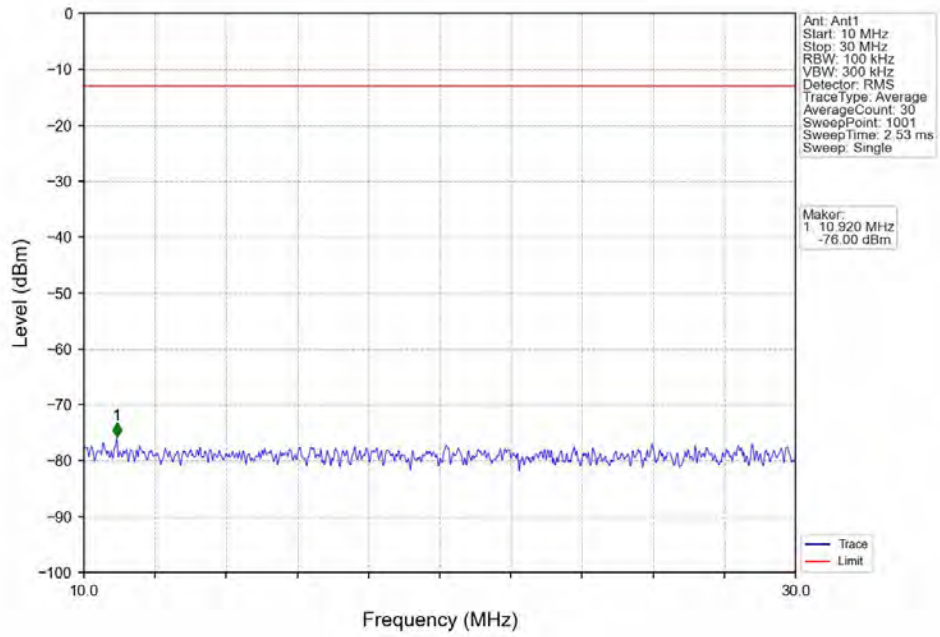
Band17_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV



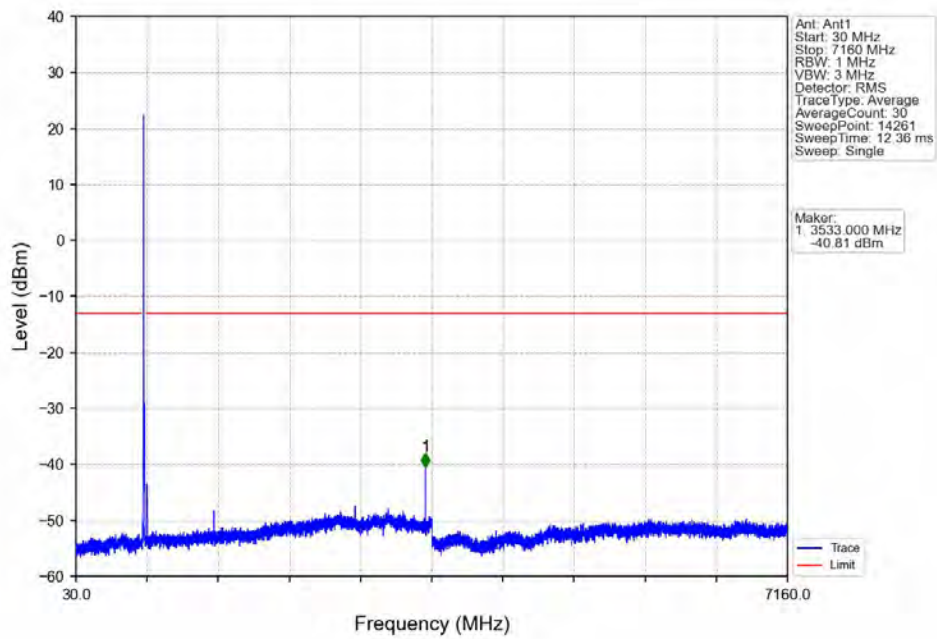
Band17_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV



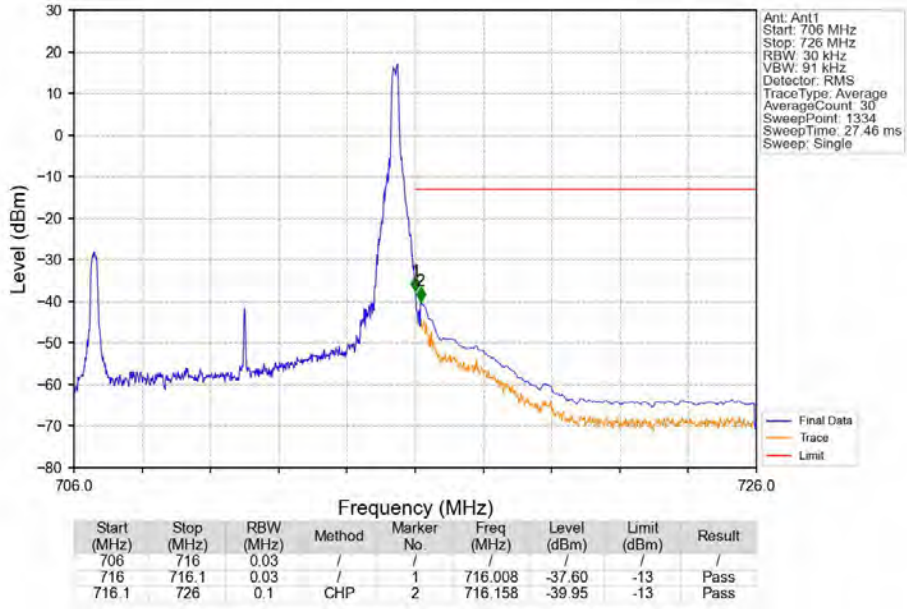
Band17_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV



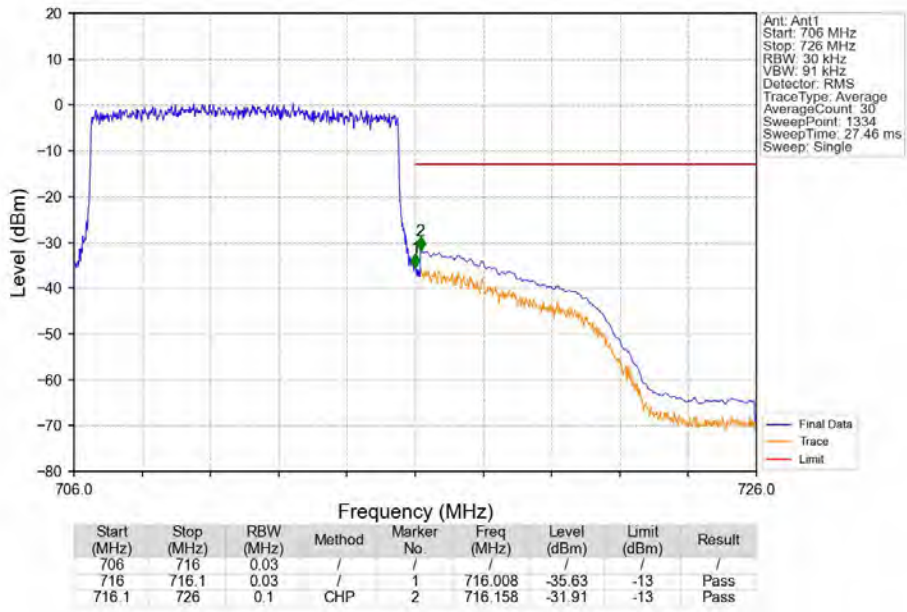
Band17_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV



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	0.2570	0.0019	ppm	4M56G7D	27H	24.10
17	5	706.5	713.5	0.2323	0.0025	ppm	4M56W7D	27H	23.66
17	10	709	711	0.2767	0.0021	ppm	9M05G7D	27H	24.42
17	10	709	711	0.2477	0.0023	ppm	9M06W7D	27H	23.94

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	0.1919	0.0019	ppm	4M56G7D	27H	22.83
17	5	706.5	713.5	0.1734	0.0025	ppm	4M56W7D	27H	22.39
17	10	709	711	0.2065	0.0021	ppm	9M05G7D	27H	23.15
17	10	709	711	0.1849	0.0023	ppm	9M06W7D	27H	22.67