

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B17_5MHz_ERP

Band: 17 / Bandwidth: 5MHz / NTVN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	706.5	1	0	22.06	-2.53	17.38	<=34.77	Pass		
			13	22.05	-2.53	17.37	<=34.77	Pass		
			24	22.14	-2.53	17.46	<=34.77	Pass		
		12	0	21.15	-2.53	16.47	<=34.77	Pass		
			6	21.19	-2.53	16.51	<=34.77	Pass		
			13	20.99	-2.53	16.31	<=34.77	Pass		
		25	0	21.08	-2.53	16.40	<=34.77	Pass		
		710	1	0	22.02	-2.53	17.34	<=34.77	Pass	
				13	21.86	-2.53	17.18	<=34.77	Pass	
	24			21.81	-2.53	17.13	<=34.77	Pass		
	12		0	20.89	-2.53	16.21	<=34.77	Pass		
			6	21.11	-2.53	16.43	<=34.77	Pass		
			13	21.03	-2.53	16.35	<=34.77	Pass		
	25	0	21.04	-2.53	16.36	<=34.77	Pass			
	713.5	1	0	22.01	-2.53	17.33	<=34.77	Pass		
			13	22.14	-2.53	17.46	<=34.77	Pass		
			24	22.16	-2.53	17.48	<=34.77	Pass		
		12	0	21.02	-2.53	16.34	<=34.77	Pass		
			6	21.18	-2.53	16.50	<=34.77	Pass		
			13	21.12	-2.53	16.44	<=34.77	Pass		
		25	0	21.10	-2.53	16.42	<=34.77	Pass		
		16QAM	706.5	1	0	20.62	-2.53	15.94	<=34.77	Pass
					13	20.66	-2.53	15.98	<=34.77	Pass
	24				20.62	-2.53	15.94	<=34.77	Pass	
12	0			20.06	-2.53	15.38	<=34.77	Pass		
	6			20.12	-2.53	15.44	<=34.77	Pass		
	13			19.98	-2.53	15.30	<=34.77	Pass		
25	0			20.17	-2.53	15.49	<=34.77	Pass		
710	1			0	21.50	-2.53	16.82	<=34.77	Pass	
				13	21.62	-2.53	16.94	<=34.77	Pass	
			24	21.53	-2.53	16.85	<=34.77	Pass		
	12		0	19.98	-2.53	15.30	<=34.77	Pass		
			6	20.20	-2.53	15.52	<=34.77	Pass		
			13	19.88	-2.53	15.20	<=34.77	Pass		
25	0		20.17	-2.53	15.49	<=34.77	Pass			
713.5	1		0	21.42	-2.53	16.74	<=34.77	Pass		
			13	21.53	-2.53	16.85	<=34.77	Pass		
			24	21.67	-2.53	16.99	<=34.77	Pass		
	12		0	19.89	-2.53	15.21	<=34.77	Pass		
			6	20.08	-2.53	15.40	<=34.77	Pass		
			13	20.18	-2.53	15.50	<=34.77	Pass		
	25		0	20.10	-2.53	15.42	<=34.77	Pass		
	Note1: ERP=Conducted Power+Antenna Gain-2.15									

1.1.2 B17_10MHz_ERP

Band: 17 / Bandwidth: 10MHz / NTNV

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	709	1	0	22.06	-2.53	17.38	<=34.77	Pass
			25	22.00	-2.53	17.32	<=34.77	Pass
			49	22.07	-2.53	17.39	<=34.77	Pass
		25	0	21.10	-2.53	16.42	<=34.77	Pass
			13	21.00	-2.53	16.32	<=34.77	Pass
			25	21.13	-2.53	16.45	<=34.77	Pass
		50	0	20.97	-2.53	16.29	<=34.77	Pass
	710	1	0	22.03	-2.53	17.35	<=34.77	Pass
			25	22.00	-2.53	17.32	<=34.77	Pass
			49	22.09	-2.53	17.41	<=34.77	Pass
		25	0	20.94	-2.53	16.26	<=34.77	Pass
			13	21.02	-2.53	16.34	<=34.77	Pass
			25	21.01	-2.53	16.33	<=34.77	Pass
		50	0	21.16	-2.53	16.48	<=34.77	Pass
	711	1	0	22.00	-2.53	17.32	<=34.77	Pass
			25	22.03	-2.53	17.35	<=34.77	Pass
			49	22.03	-2.53	17.35	<=34.77	Pass
		25	0	20.93	-2.53	16.25	<=34.77	Pass
			13	21.11	-2.53	16.43	<=34.77	Pass
			25	21.10	-2.53	16.42	<=34.77	Pass
		50	0	21.08	-2.53	16.40	<=34.77	Pass
16QAM	709	1	0	21.55	-2.53	16.87	<=34.77	Pass
			25	21.52	-2.53	16.84	<=34.77	Pass
			49	21.70	-2.53	17.02	<=34.77	Pass
		25	0	20.09	-2.53	15.41	<=34.77	Pass
			13	20.07	-2.53	15.39	<=34.77	Pass
			25	19.97	-2.53	15.29	<=34.77	Pass
		50	0	20.07	-2.53	15.39	<=34.77	Pass
	710	1	0	21.36	-2.53	16.68	<=34.77	Pass
			25	21.26	-2.53	16.58	<=34.77	Pass
			49	21.43	-2.53	16.75	<=34.77	Pass
		25	0	20.22	-2.53	15.54	<=34.77	Pass
			13	20.35	-2.53	15.67	<=34.77	Pass
			25	20.18	-2.53	15.50	<=34.77	Pass
		50	0	20.20	-2.53	15.52	<=34.77	Pass
	711	1	0	22.30	-2.53	17.62	<=34.77	Pass
			25	22.32	-2.53	17.64	<=34.77	Pass
			49	22.26	-2.53	17.58	<=34.77	Pass
		25	0	20.06	-2.53	15.38	<=34.77	Pass
			13	20.14	-2.53	15.46	<=34.77	Pass
			25	20.22	-2.53	15.54	<=34.77	Pass
		50	0	20.20	-2.53	15.52	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

2. Frequency Stability

2.1 Test Result

2.1.1 B17_5MHz

Band: 17 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	706.5	25	0	20	3.27	9.212	0.0130	-2.5 to 2.5	Pass

16QAM						3.85	0.501	0.0007	-2.5 to 2.5	Pass
						4.43	-11.616	-0.0164	-2.5 to 2.5	Pass
					-30	3.85	-22.058	-0.0312	-2.5 to 2.5	Pass
					-20	3.85	-32.444	-0.0459	-2.5 to 2.5	Pass
					-10	3.85	-42.100	-0.0596	-2.5 to 2.5	Pass
					0	3.85	-48.981	-0.0693	-2.5 to 2.5	Pass
					10	3.85	-12.846	-0.0182	-2.5 to 2.5	Pass
					30	3.85	-18.253	-0.0258	-2.5 to 2.5	Pass
					40	3.85	-22.573	-0.0320	-2.5 to 2.5	Pass
					50	3.85	-29.798	-0.0422	-2.5 to 2.5	Pass
	710	25	0		20	3.27	6.580	0.0093	-2.5 to 2.5	Pass
						3.85	6.380	0.0090	-2.5 to 2.5	Pass
						4.43	8.426	0.0119	-2.5 to 2.5	Pass
					-30	3.85	8.225	0.0116	-2.5 to 2.5	Pass
					-20	3.85	10.571	0.0149	-2.5 to 2.5	Pass
					-10	3.85	8.812	0.0124	-2.5 to 2.5	Pass
					0	3.85	11.230	0.0158	-2.5 to 2.5	Pass
					10	3.85	11.358	0.0160	-2.5 to 2.5	Pass
					30	3.85	10.886	0.0153	-2.5 to 2.5	Pass
					40	3.85	10.085	0.0142	-2.5 to 2.5	Pass
	50	3.85	9.727	0.0137	-2.5 to 2.5	Pass				
	713.5	25	0		20	3.27	5.021	0.0070	-2.5 to 2.5	Pass
						3.85	10.815	0.0152	-2.5 to 2.5	Pass
						4.43	11.287	0.0158	-2.5 to 2.5	Pass
					-30	3.85	13.261	0.0186	-2.5 to 2.5	Pass
					-20	3.85	16.708	0.0234	-2.5 to 2.5	Pass
					-10	3.85	19.884	0.0279	-2.5 to 2.5	Pass
					0	3.85	22.359	0.0313	-2.5 to 2.5	Pass
					10	3.85	25.792	0.0361	-2.5 to 2.5	Pass
					30	3.85	26.064	0.0365	-2.5 to 2.5	Pass
					40	3.85	25.792	0.0361	-2.5 to 2.5	Pass
	50	3.85	27.351	0.0383	-2.5 to 2.5	Pass				
	706.5	25	0		20	3.27	-35.105	-0.0497	-2.5 to 2.5	Pass
						3.85	-37.465	-0.0530	-2.5 to 2.5	Pass
						4.43	-39.897	-0.0565	-2.5 to 2.5	Pass
					-30	3.85	-38.381	-0.0543	-2.5 to 2.5	Pass
					-20	3.85	-39.926	-0.0565	-2.5 to 2.5	Pass
					-10	3.85	-39.382	-0.0557	-2.5 to 2.5	Pass
					0	3.85	-40.727	-0.0576	-2.5 to 2.5	Pass
					10	3.85	-42.429	-0.0601	-2.5 to 2.5	Pass
30					3.85	-41.943	-0.0594	-2.5 to 2.5	Pass	
40					3.85	-41.370	-0.0586	-2.5 to 2.5	Pass	
50				3.85	-42.715	-0.0605	-2.5 to 2.5	Pass		
				20	3.27	10.986	0.0155	-2.5 to 2.5	Pass	
					3.85	12.388	0.0174	-2.5 to 2.5	Pass	
					4.43	15.178	0.0214	-2.5 to 2.5	Pass	
				-30	3.85	17.037	0.0240	-2.5 to 2.5	Pass	
				-20	3.85	16.866	0.0238	-2.5 to 2.5	Pass	
				-10	3.85	26.851	0.0378	-2.5 to 2.5	Pass	
				0	3.85	27.022	0.0381	-2.5 to 2.5	Pass	
				10	3.85	26.107	0.0368	-2.5 to 2.5	Pass	
				30	3.85	25.778	0.0363	-2.5 to 2.5	Pass	
	40	3.85	26.979	0.0380	-2.5 to 2.5	Pass				
50	3.85	27.337	0.0385	-2.5 to 2.5	Pass					
713.5	25	0		20	3.27	27.852	0.0390	-2.5 to 2.5	Pass	
					3.85	28.896	0.0405	-2.5 to 2.5	Pass	
					4.43	32.001	0.0449	-2.5 to 2.5	Pass	
				-30	3.85	35.434	0.0497	-2.5 to 2.5	Pass	
				-20	3.85	37.122	0.0520	-2.5 to 2.5	Pass	

				-10	3.85	38.323	0.0537	-2.5 to 2.5	Pass
				0	3.85	40.154	0.0563	-2.5 to 2.5	Pass
				10	3.85	41.184	0.0577	-2.5 to 2.5	Pass
				30	3.85	44.775	0.0628	-2.5 to 2.5	Pass
				40	3.85	45.590	0.0639	-2.5 to 2.5	Pass
				50	3.85	-4.535	-0.0064	-2.5 to 2.5	Pass

2.1.2 B17_10MHz

Band: 17 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	709	50	0	20	3.27	-6.824	-0.0096	-2.5 to 2.5	Pass
					3.85	-35.791	-0.0505	-2.5 to 2.5	Pass
					4.43	-17.552	-0.0248	-2.5 to 2.5	Pass
				-30	3.85	-10.157	-0.0143	-2.5 to 2.5	Pass
				-20	3.85	-21.300	-0.0300	-2.5 to 2.5	Pass
				-10	3.85	-30.012	-0.0423	-2.5 to 2.5	Pass
				0	3.85	-34.533	-0.0487	-2.5 to 2.5	Pass
				10	3.85	-38.266	-0.0540	-2.5 to 2.5	Pass
				30	3.85	-42.658	-0.0602	-2.5 to 2.5	Pass
				40	3.85	-46.549	-0.0657	-2.5 to 2.5	Pass
				50	3.85	-12.460	-0.0176	-2.5 to 2.5	Pass
	710	50	0	20	3.27	-0.372	-0.0005	-2.5 to 2.5	Pass
					3.85	0.672	0.0009	-2.5 to 2.5	Pass
					4.43	-0.973	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-0.229	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-1.702	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-3.347	-0.0047	-2.5 to 2.5	Pass
				0	3.85	-5.236	-0.0074	-2.5 to 2.5	Pass
				10	3.85	-8.054	-0.0113	-2.5 to 2.5	Pass
				30	3.85	-8.197	-0.0115	-2.5 to 2.5	Pass
				40	3.85	-8.755	-0.0123	-2.5 to 2.5	Pass
				50	3.85	-9.670	-0.0136	-2.5 to 2.5	Pass
	711	50	0	20	3.27	1.731	0.0024	-2.5 to 2.5	Pass
					3.85	1.659	0.0023	-2.5 to 2.5	Pass
					4.43	1.388	0.0020	-2.5 to 2.5	Pass
				-30	3.85	-2.432	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-2.489	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-3.204	-0.0045	-2.5 to 2.5	Pass
				0	3.85	-3.390	-0.0048	-2.5 to 2.5	Pass
				10	3.85	-2.704	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-1.574	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-0.944	-0.0013	-2.5 to 2.5	Pass
16QAM	709	50	0	20	3.27	-18.969	-0.0268	-2.5 to 2.5	Pass
					3.85	-19.212	-0.0271	-2.5 to 2.5	Pass
					4.43	-17.595	-0.0248	-2.5 to 2.5	Pass
				-30	3.85	-18.768	-0.0265	-2.5 to 2.5	Pass
				-20	3.85	-17.338	-0.0245	-2.5 to 2.5	Pass
				-10	3.85	-16.594	-0.0234	-2.5 to 2.5	Pass
				0	3.85	-17.338	-0.0245	-2.5 to 2.5	Pass
				10	3.85	-15.650	-0.0221	-2.5 to 2.5	Pass
				30	3.85	-16.007	-0.0226	-2.5 to 2.5	Pass
				40	3.85	-14.935	-0.0211	-2.5 to 2.5	Pass
				50	3.85	-12.774	-0.0180	-2.5 to 2.5	Pass
	710	50	0	20	3.27	-11.973	-0.0169	-2.5 to 2.5	Pass

					3.85	-9.356	-0.0132	-2.5 to 2.5	Pass
					4.43	-7.038	-0.0099	-2.5 to 2.5	Pass
				-30	3.85	-6.566	-0.0092	-2.5 to 2.5	Pass
				-20	3.85	-5.164	-0.0073	-2.5 to 2.5	Pass
				-10	3.85	-4.807	-0.0068	-2.5 to 2.5	Pass
				0	3.85	-3.376	-0.0048	-2.5 to 2.5	Pass
				10	3.85	-3.862	-0.0054	-2.5 to 2.5	Pass
				30	3.85	-2.103	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-1.516	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-1.745	-0.0025	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-0.286	-0.0004	-2.5 to 2.5	Pass
					3.85	2.761	0.0039	-2.5 to 2.5	Pass
					4.43	5.565	0.0078	-2.5 to 2.5	Pass
				-30	3.85	5.808	0.0082	-2.5 to 2.5	Pass
				-20	3.85	5.422	0.0076	-2.5 to 2.5	Pass
				-10	3.85	7.010	0.0099	-2.5 to 2.5	Pass
				0	3.85	8.240	0.0116	-2.5 to 2.5	Pass
				10	3.85	9.756	0.0137	-2.5 to 2.5	Pass
				30	3.85	10.042	0.0141	-2.5 to 2.5	Pass
				40	3.85	11.458	0.0161	-2.5 to 2.5	Pass
				50	3.85	10.314	0.0145	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B17_5MHz

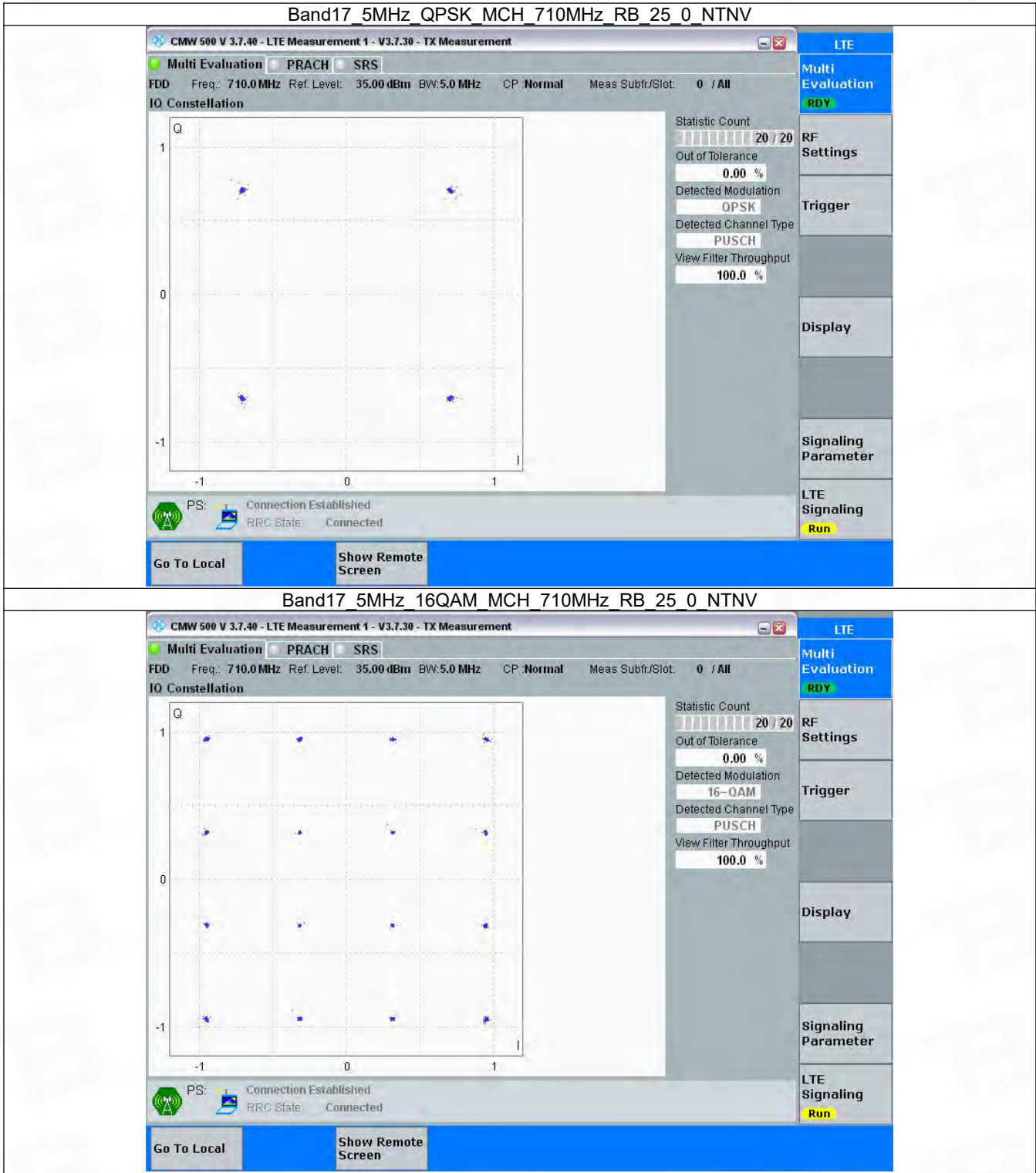
Band: 17 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	710	25	0	Refer To Test Graph		Pass
16QAM	710	25	0	Refer To Test Graph		Pass

3.1.2 B17_10MHz

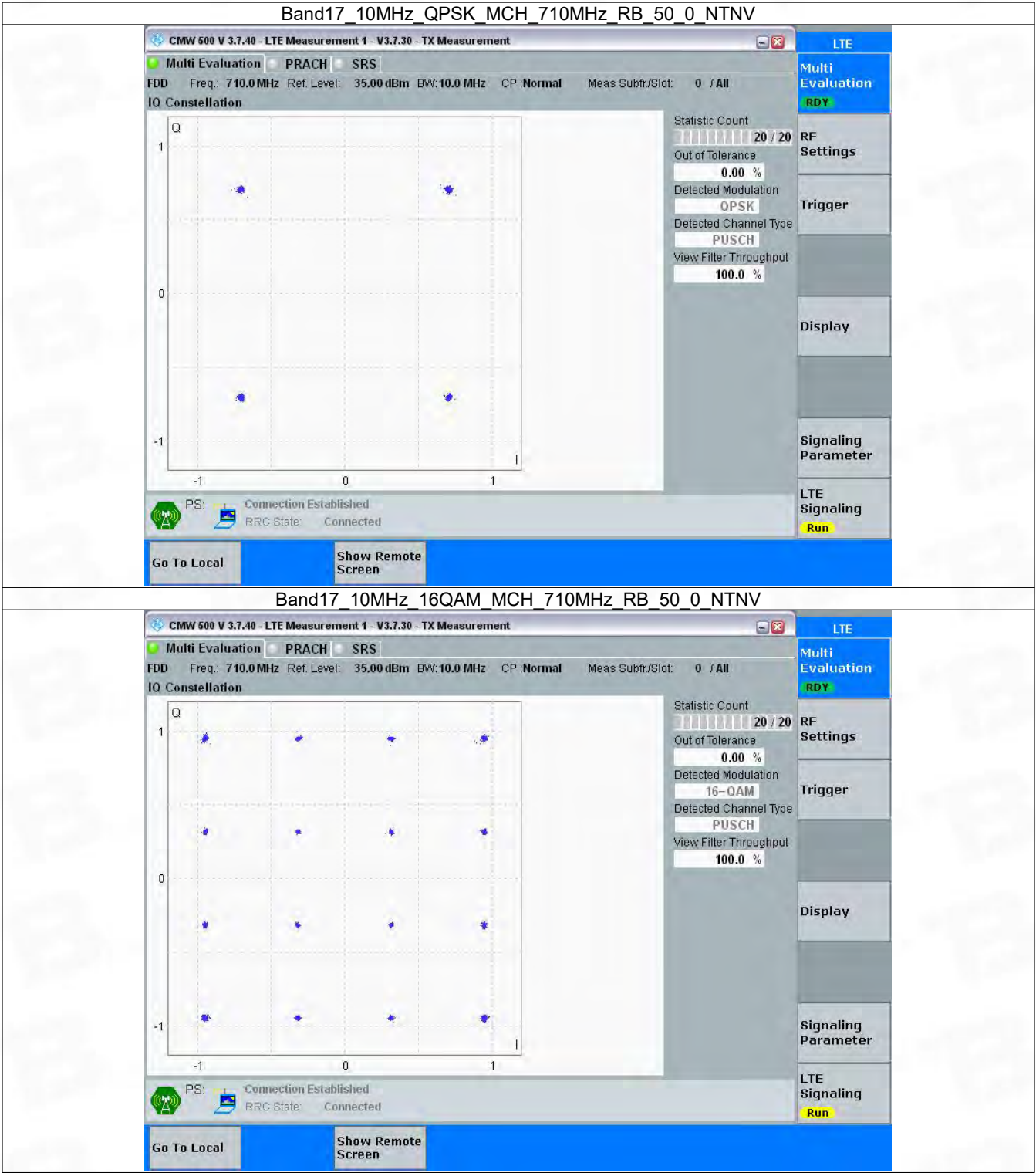
Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	710	50	0	Refer To Test Graph		Pass
16QAM	710	50	0	Refer To Test Graph		Pass

3.2 Test Graph

3.2.1 B17_5MHz



3.2.2 B17_10MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band17_OBW

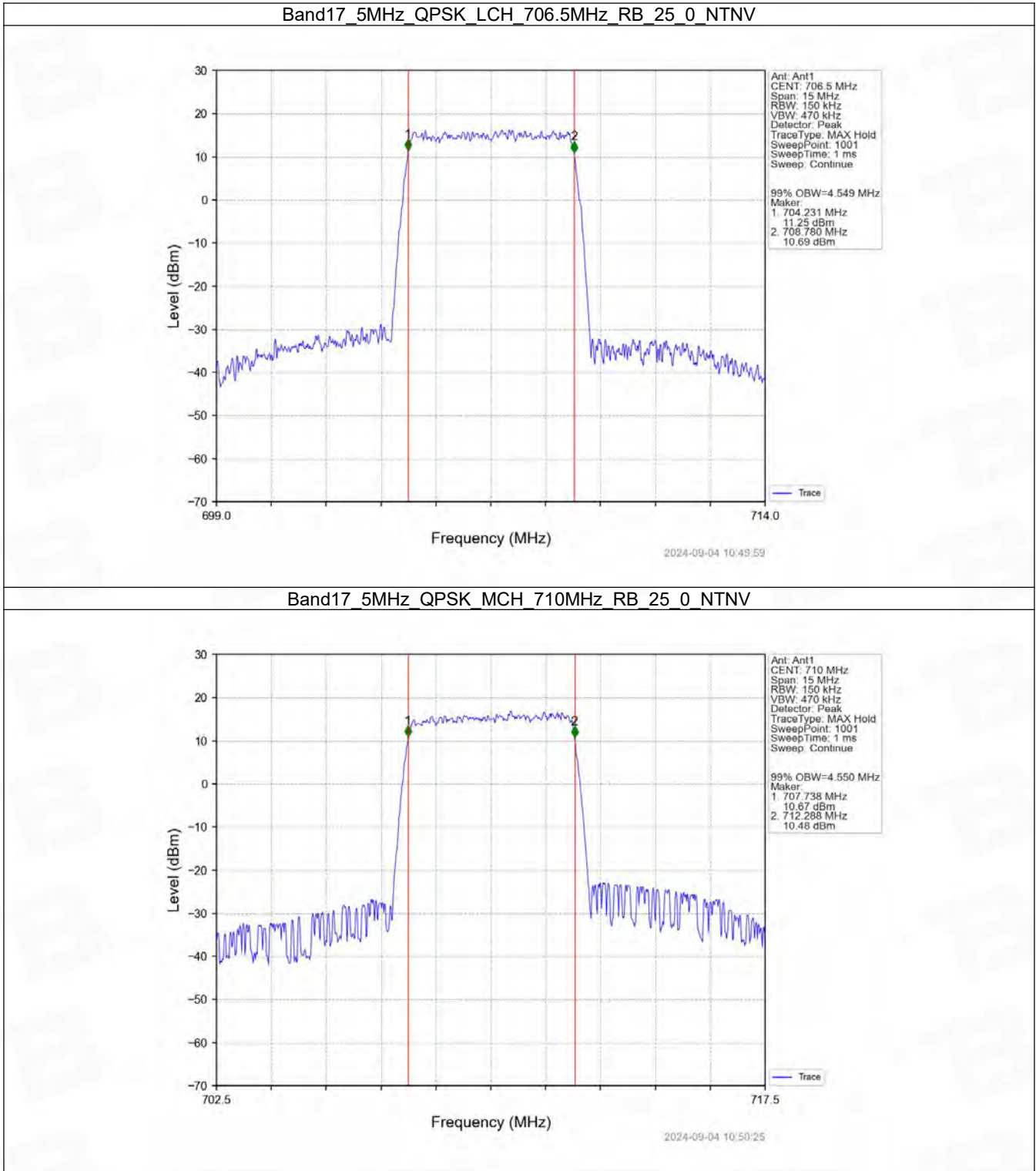
Band: 17 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	706.5	25	0	4.549	/	Pass
		710	25	0	4.550	/	Pass
		713.5	25	0	4.556	/	Pass
	16QAM	706.5	25	0	4.581	/	Pass
		710	25	0	4.555	/	Pass
		713.5	25	0	4.513	/	Pass
10	QPSK	709	50	0	9.080	/	Pass
		710	50	0	9.063	/	Pass
		711	50	0	9.025	/	Pass
	16QAM	709	50	0	9.076	/	Pass
		710	50	0	9.068	/	Pass
		711	50	0	9.049	/	Pass

4.1.2 Band17_XDB

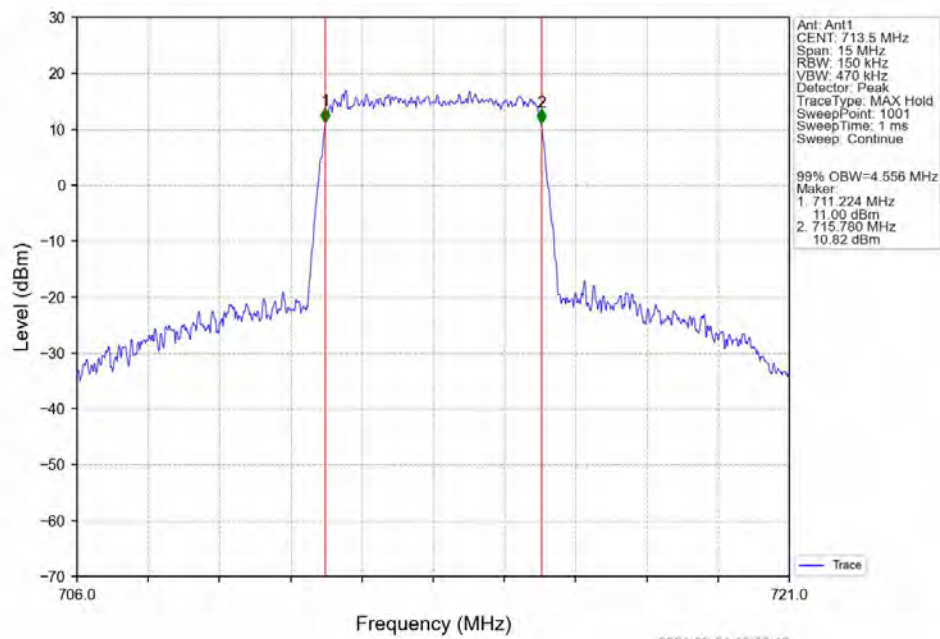
Band: 17 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	706.5	25	0	5.070	/	Pass
		710	25	0	5.064	/	Pass
		713.5	25	0	5.061	/	Pass
	16QAM	706.5	25	0	5.053	/	Pass
		710	25	0	5.081	/	Pass
		713.5	25	0	4.905	/	Pass
10	QPSK	709	50	0	10.036	/	Pass
		710	50	0	9.990	/	Pass
		711	50	0	10.043	/	Pass
	16QAM	709	50	0	10.046	/	Pass
		710	50	0	9.992	/	Pass
		711	50	0	10.018	/	Pass

4.2 Test Graph

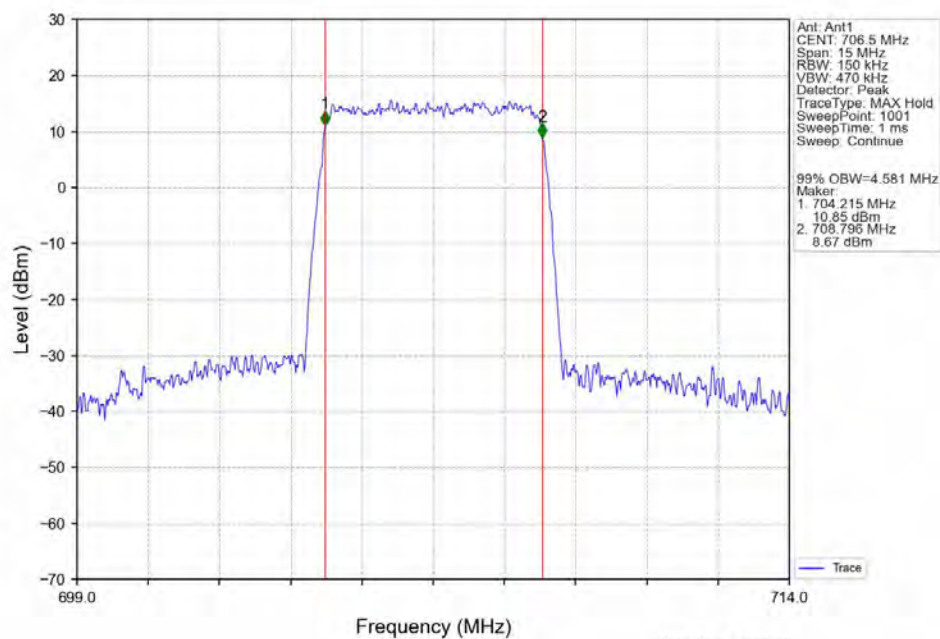
4.2.1 Band17_OBW



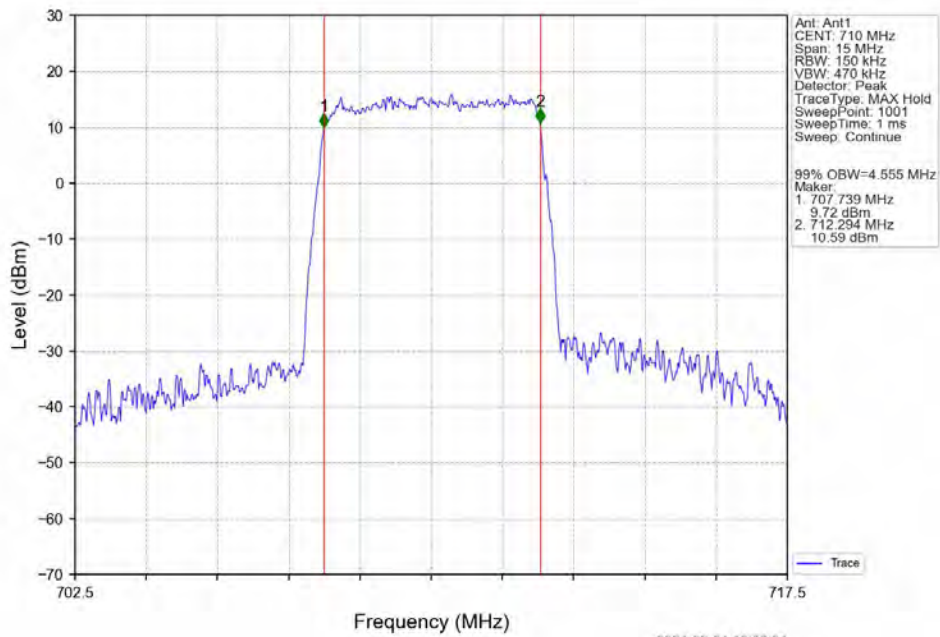
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV

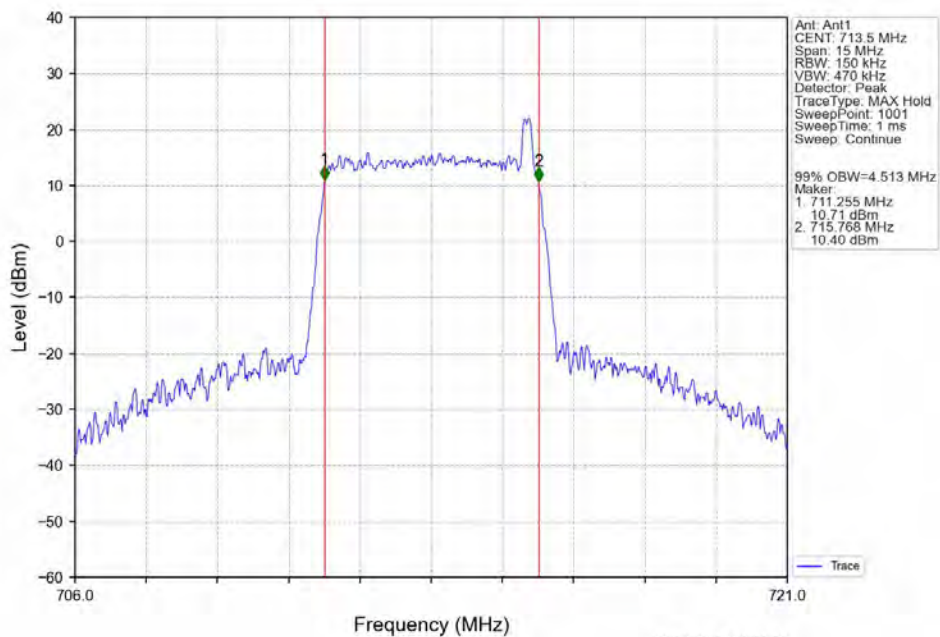


Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



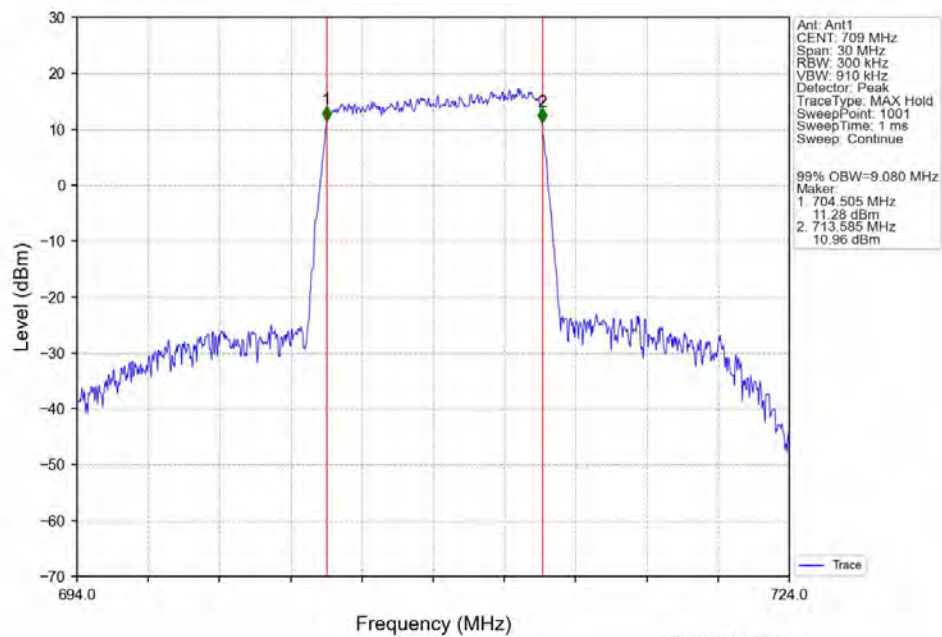
2024-09-04 10:50:34

Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV

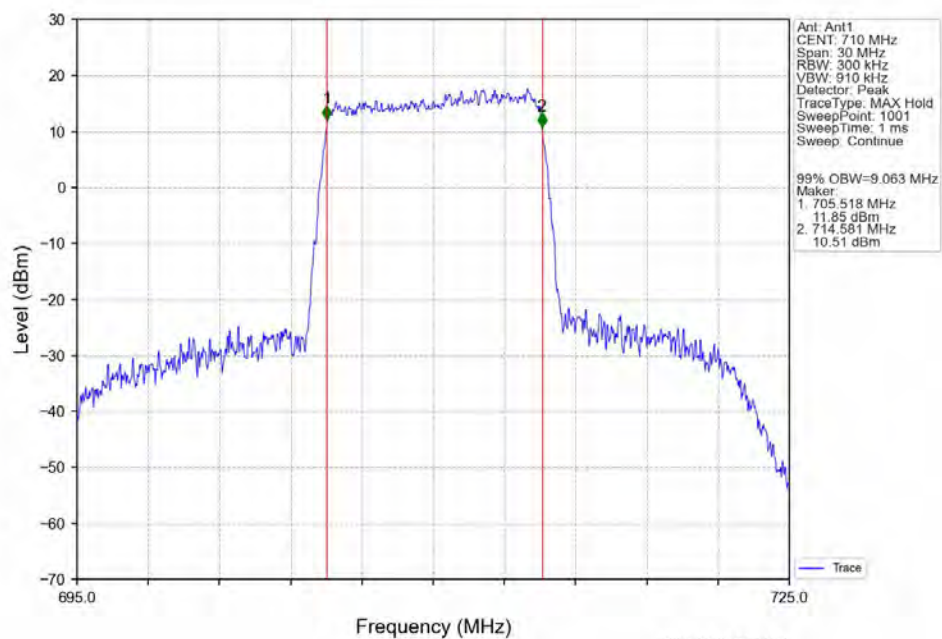


2024-09-04 10:50:55

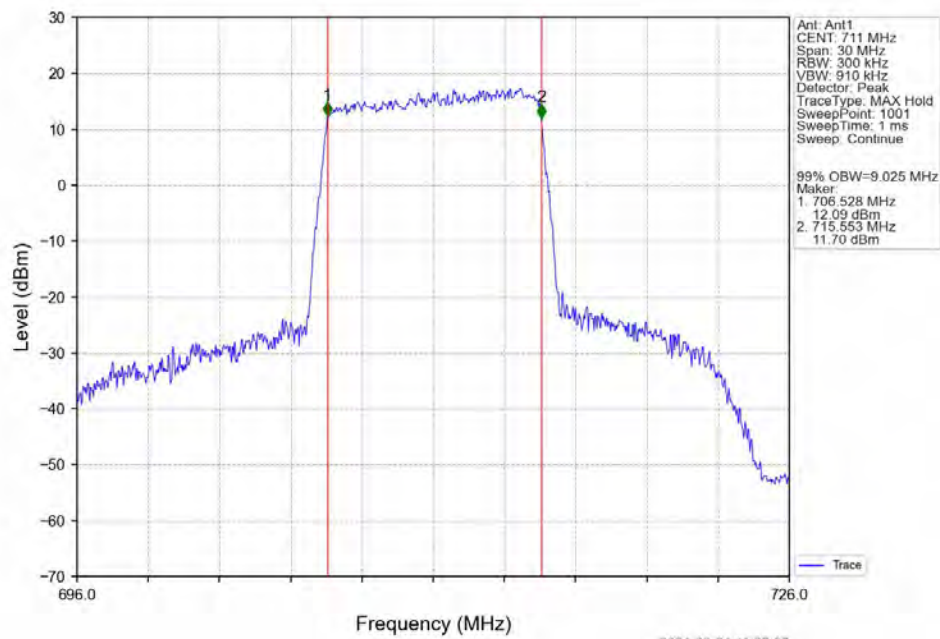
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



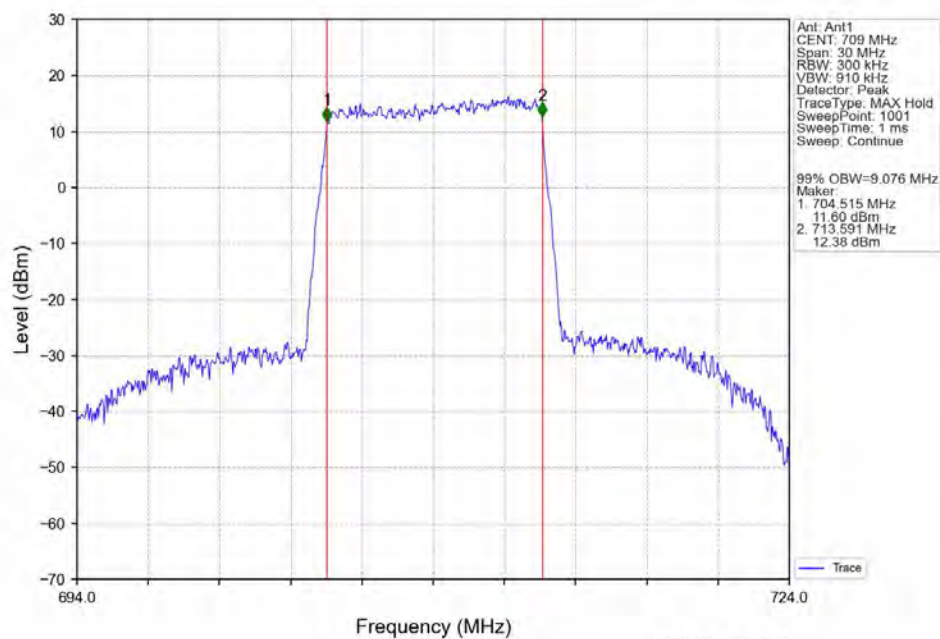
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



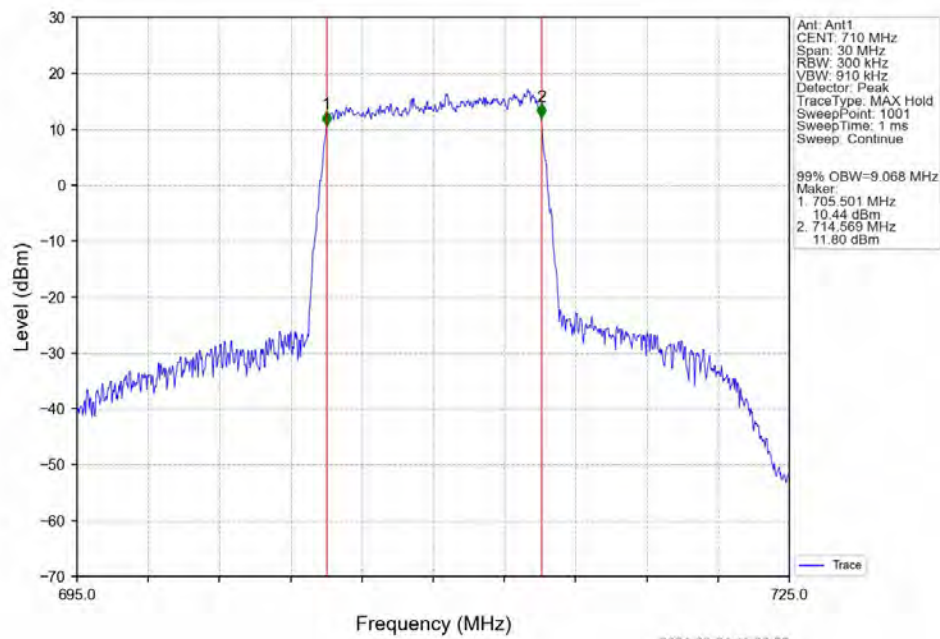
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



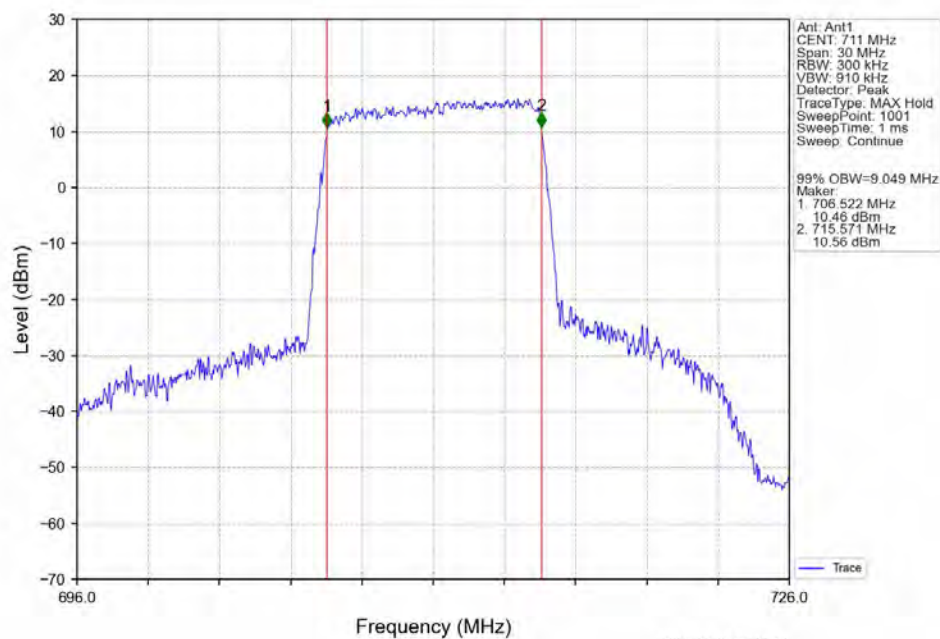
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



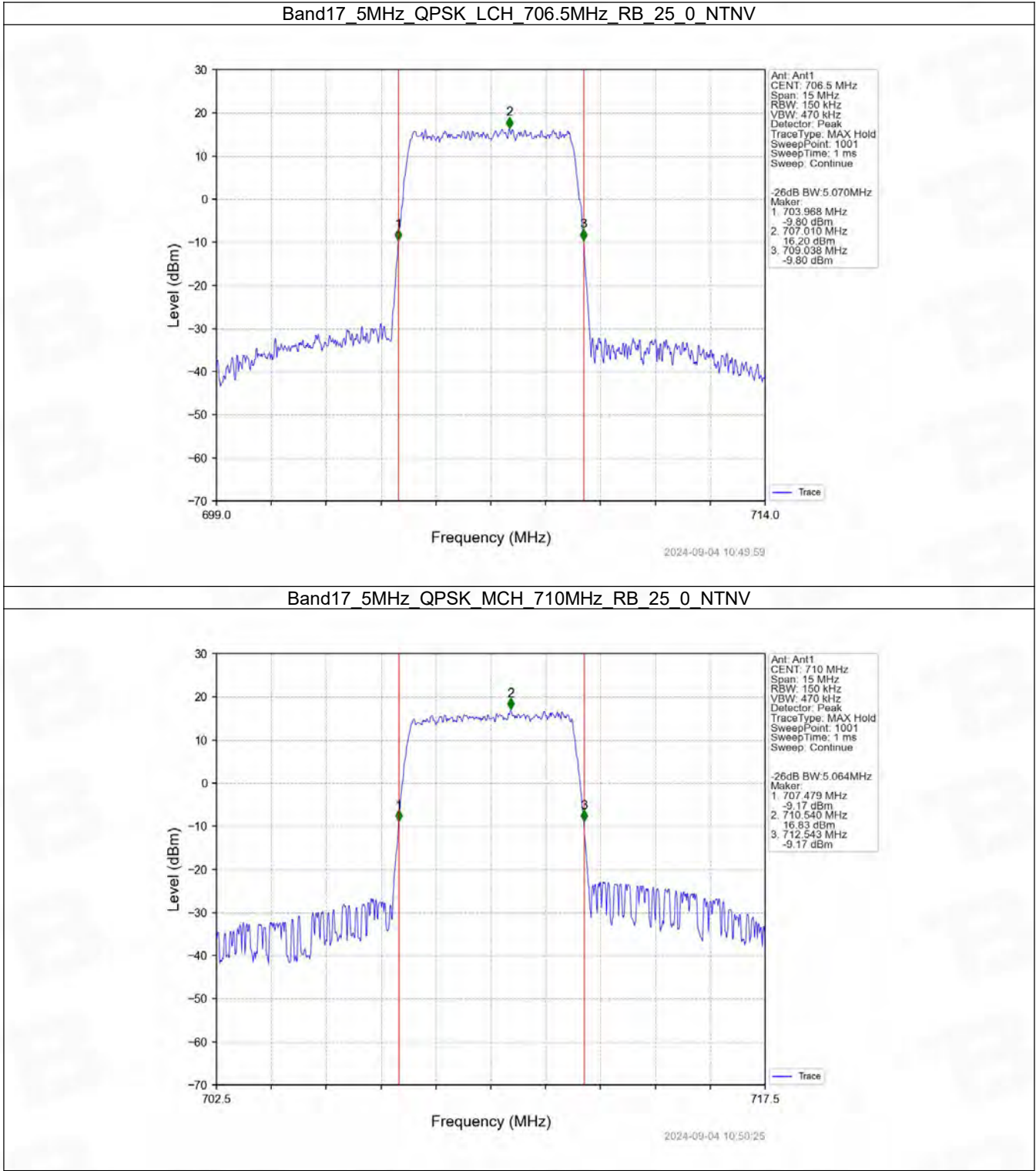
Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



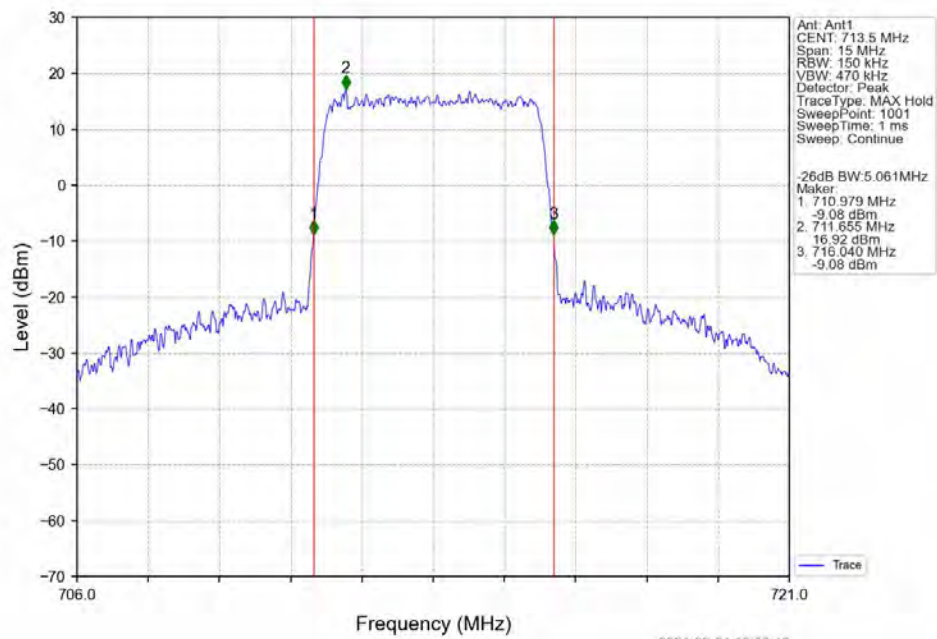
Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



4.2.2 Band17_XDB

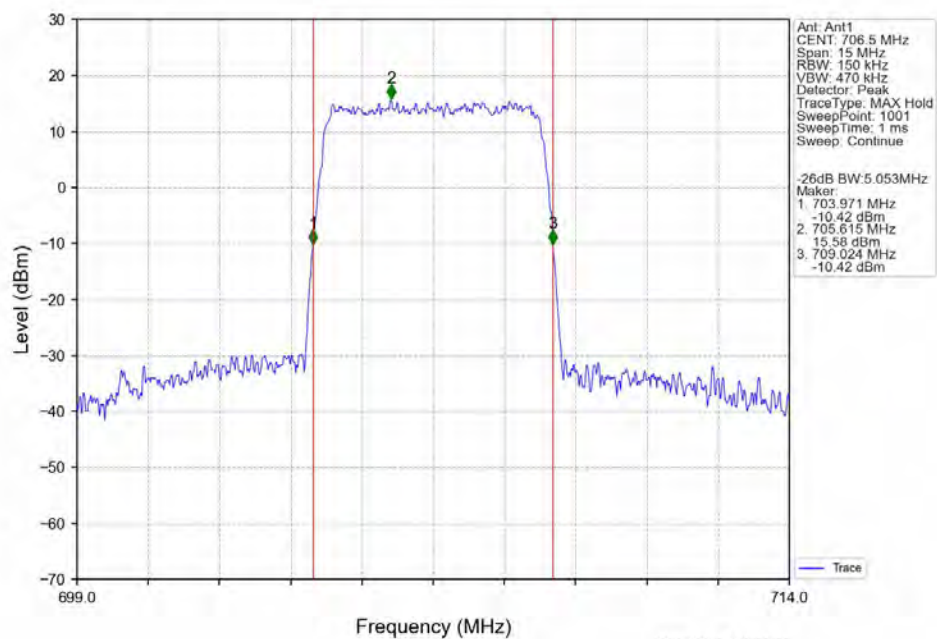


Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



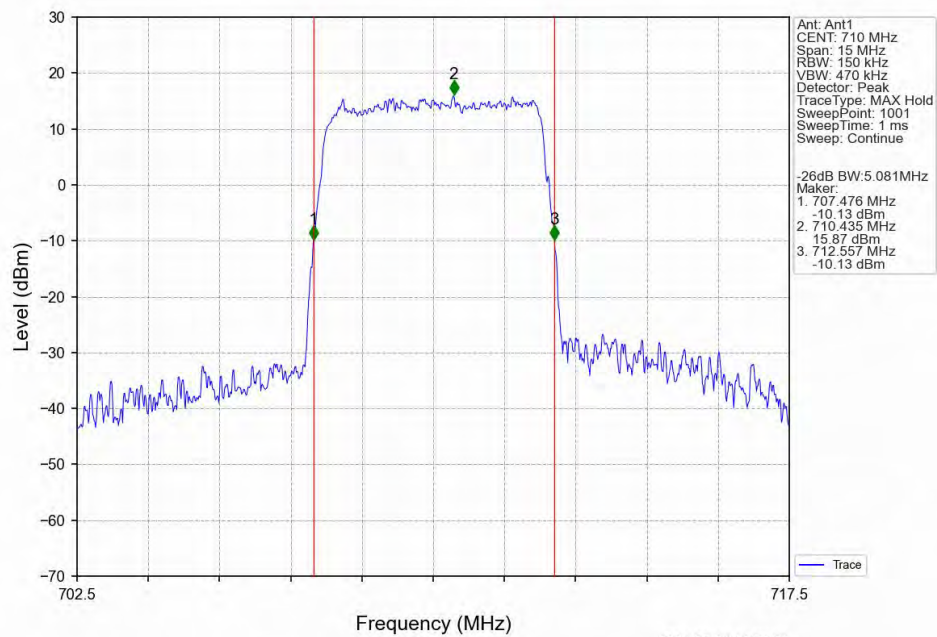
2024-09-04 10:50:46

Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV

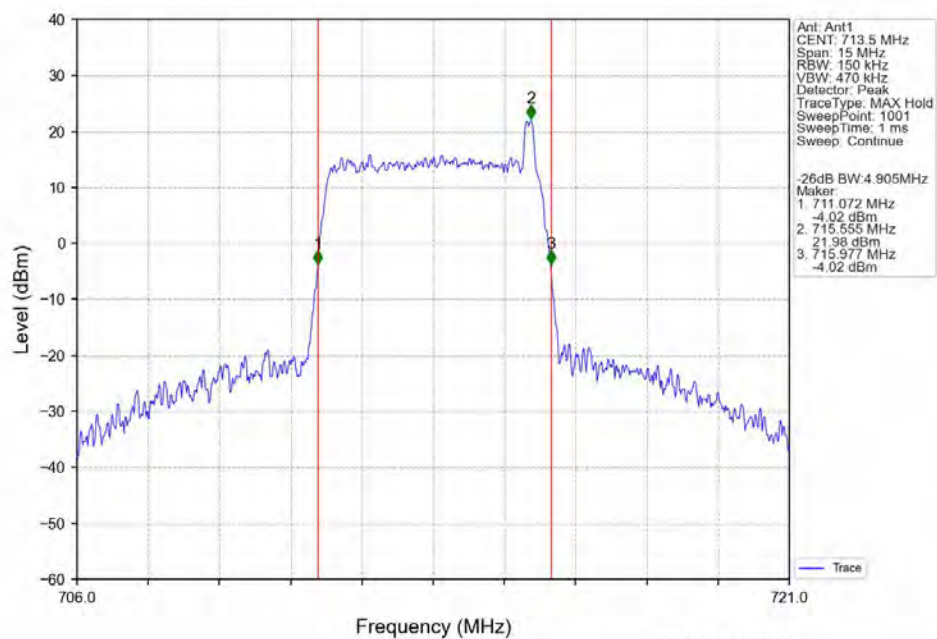


2024-09-04 10:50:08

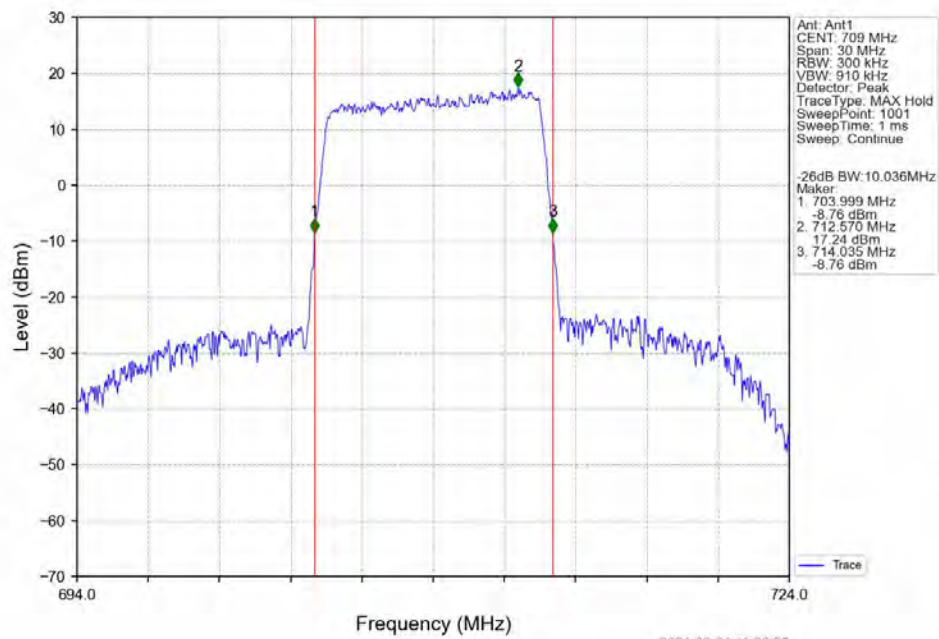
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



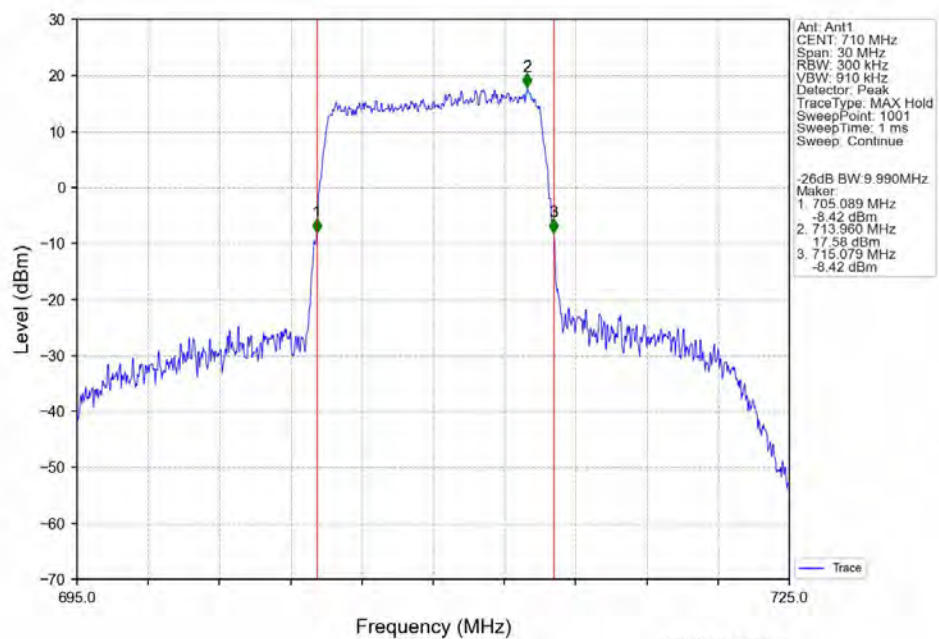
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



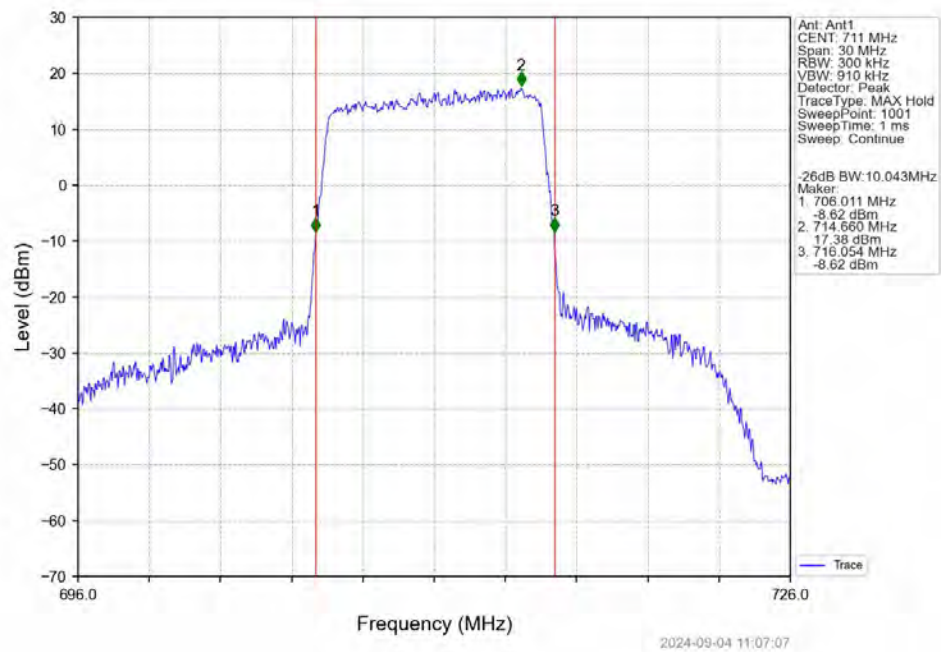
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



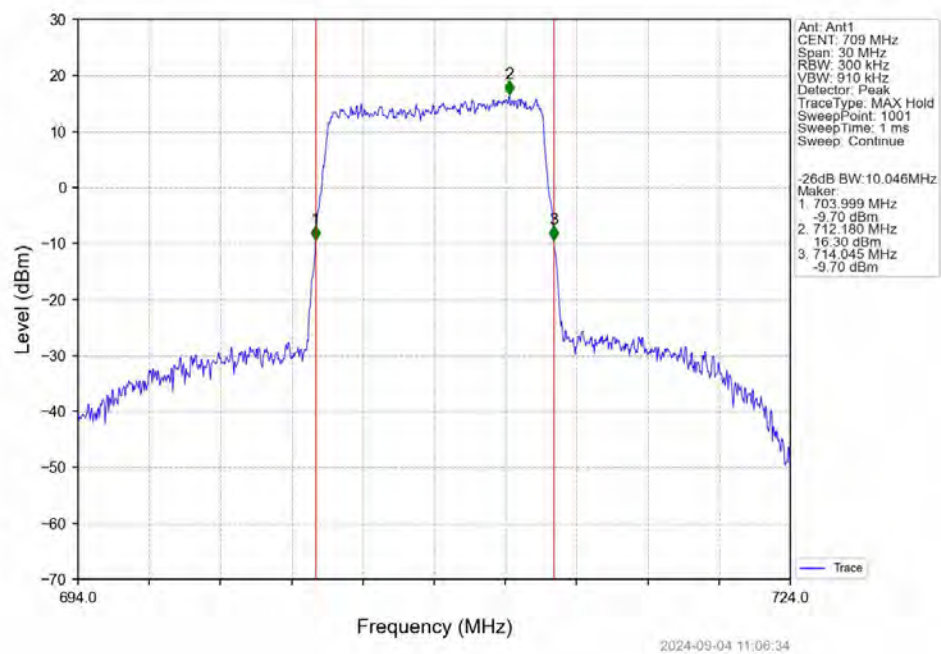
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



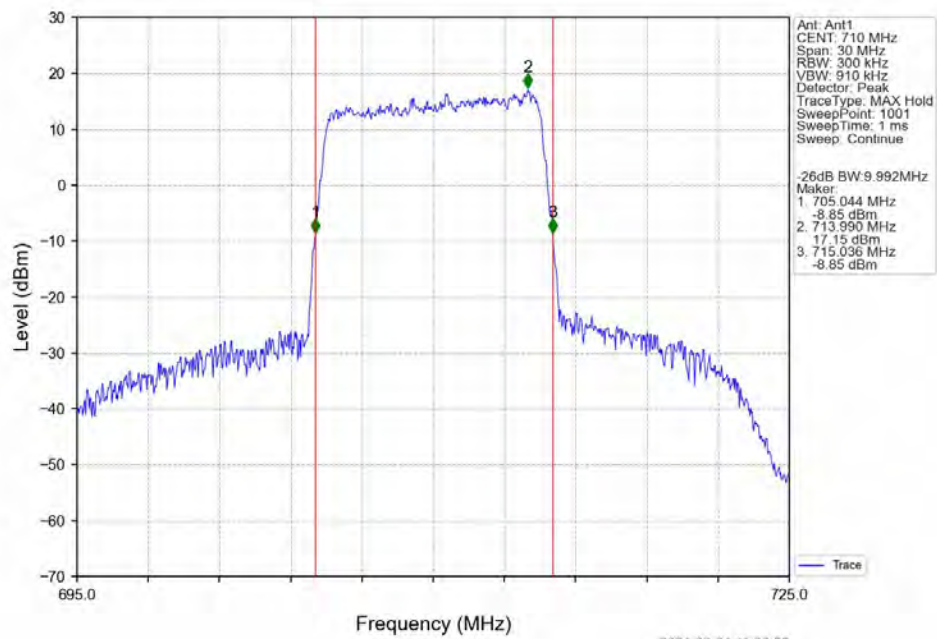
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



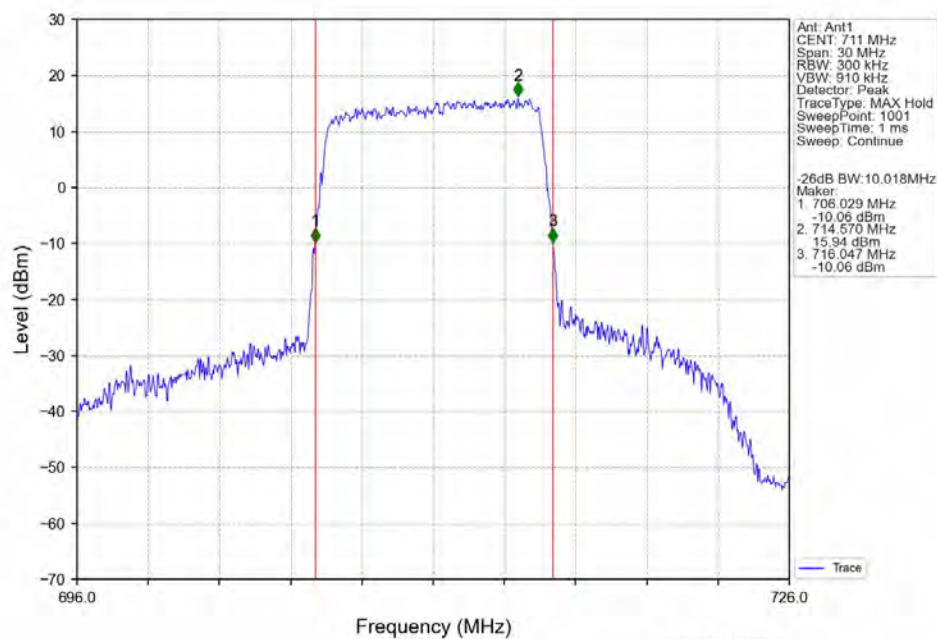
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B17_5MHz

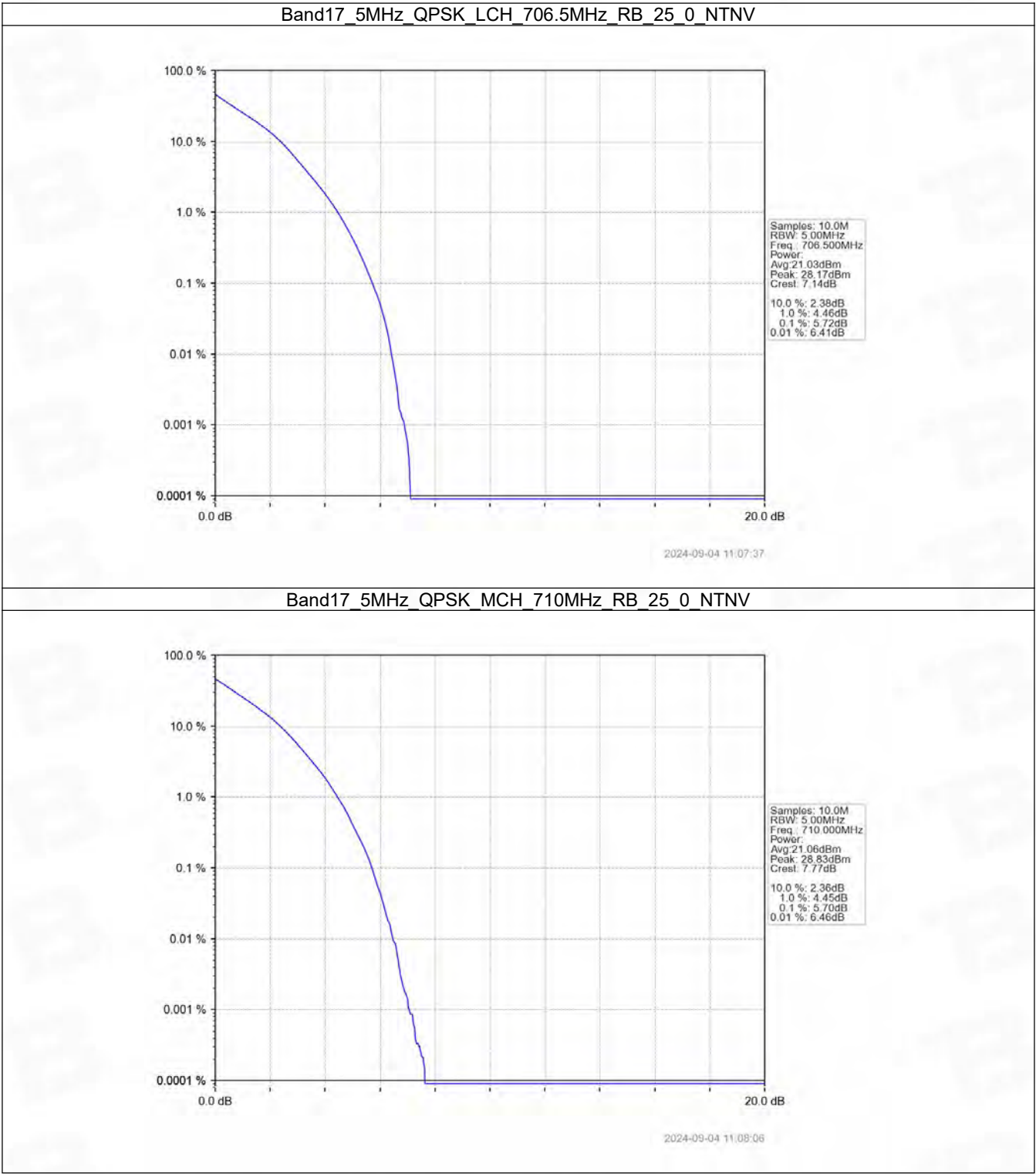
Band: 17 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	706.5	25	0	5.72	<=13	Pass
	710	25	0	5.70	<=13	Pass
	713.5	25	0	5.20	<=13	Pass
16QAM	706.5	25	0	6.48	<=13	Pass
	710	25	0	6.39	<=13	Pass
	713.5	25	0	5.94	<=13	Pass

5.1.2 B17_10MHz

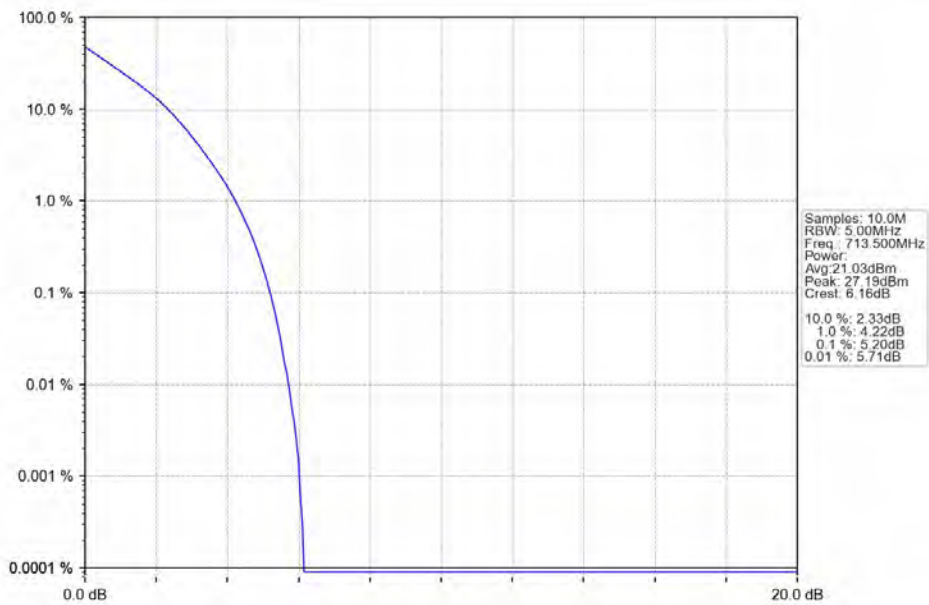
Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	709	50	0	5.73	<=13	Pass
	710	50	0	5.59	<=13	Pass
	711	50	0	5.51	<=13	Pass
16QAM	709	50	0	6.42	<=13	Pass
	710	50	0	6.36	<=13	Pass
	711	50	0	6.29	<=13	Pass

5.2 Test Graph

5.2.1 B17_5MHz

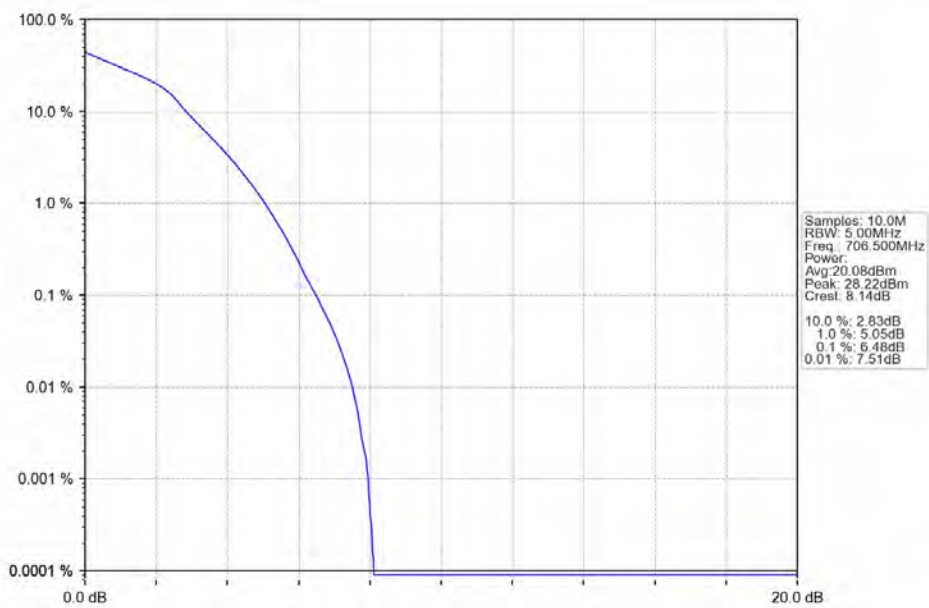


Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



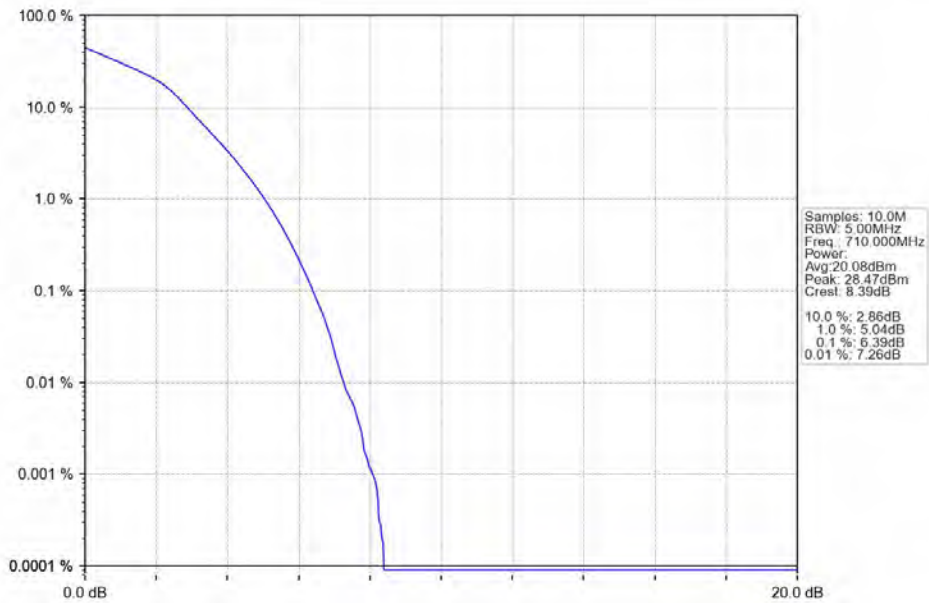
2024-09-04 11:08:37

Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



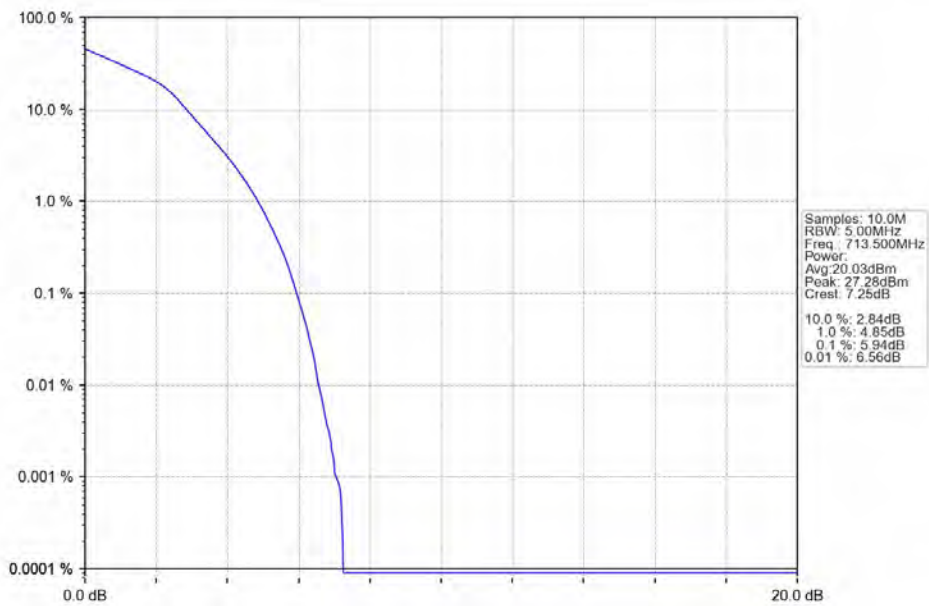
2024-09-04 11:07:51

Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



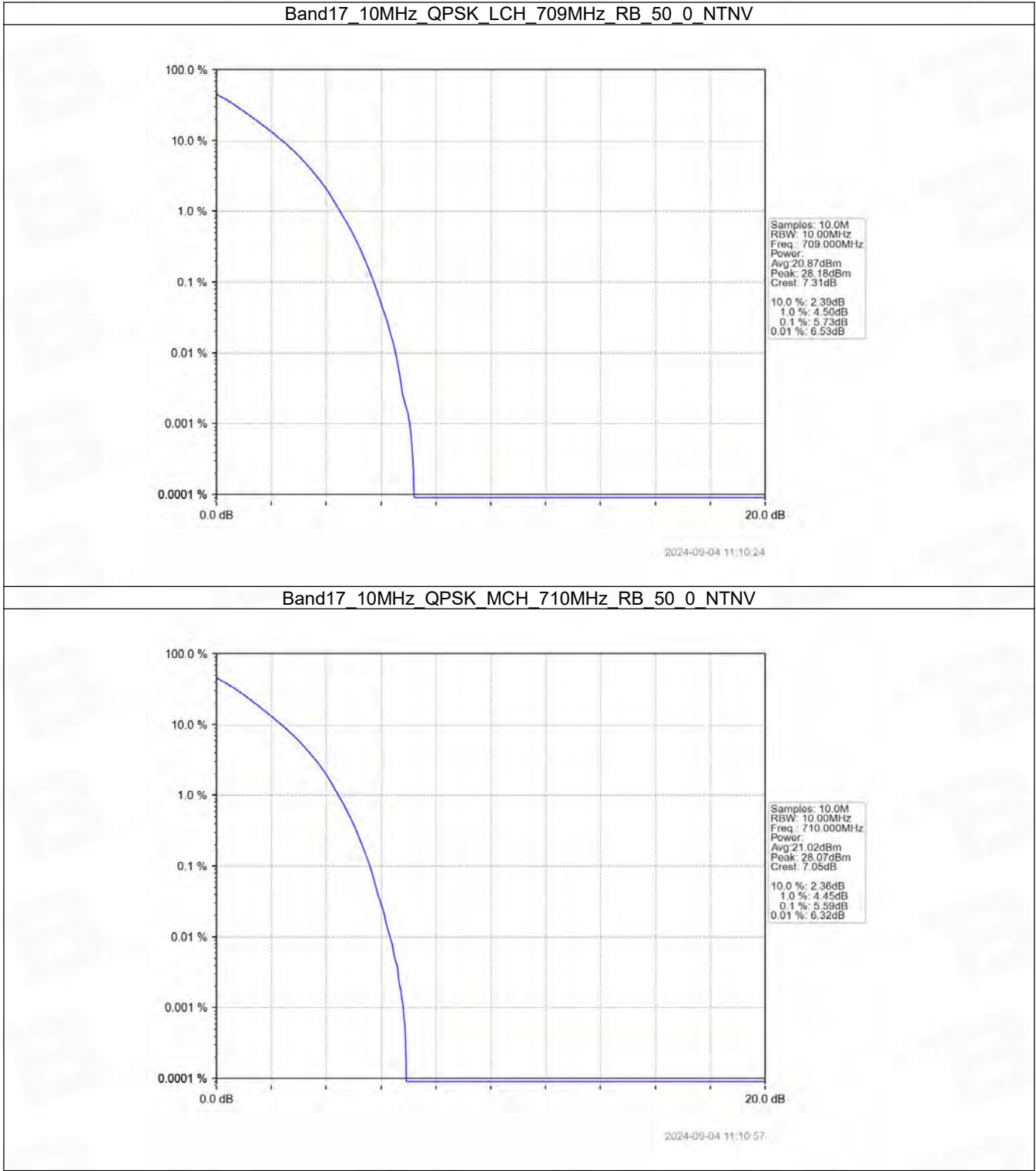
2024-09-04 11:08:21

Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV

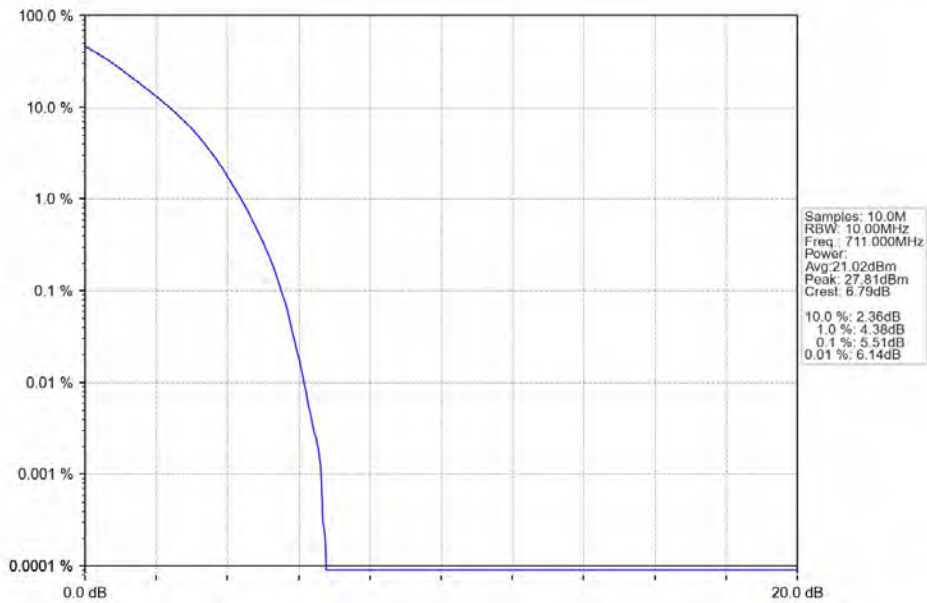


2024-09-04 11:08:49

5.2.2 B17_10MHz

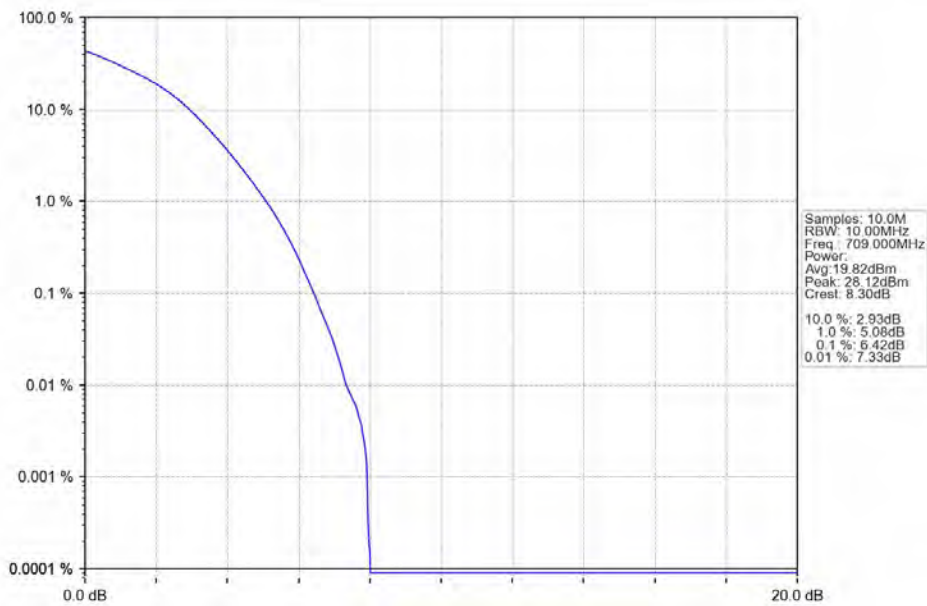


Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



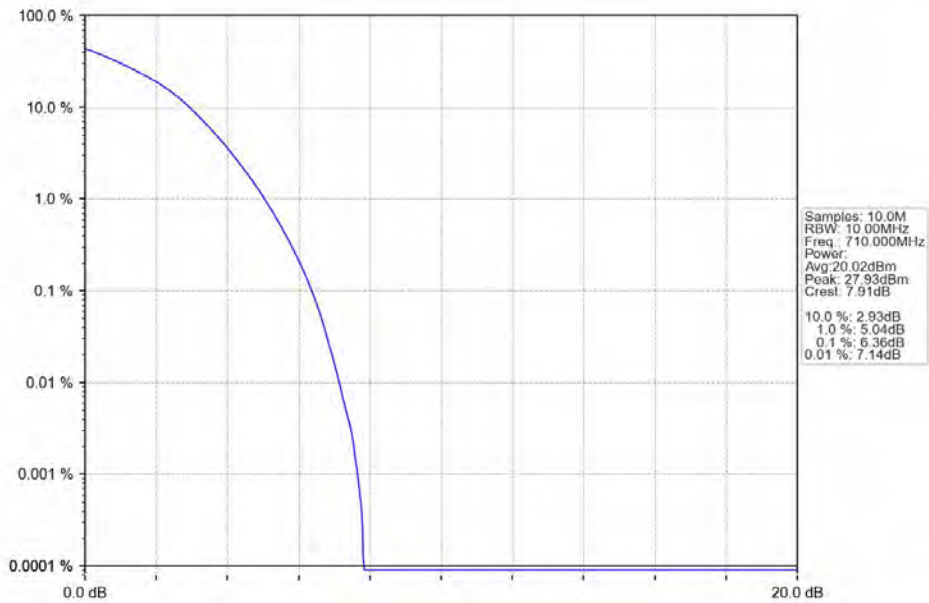
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Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



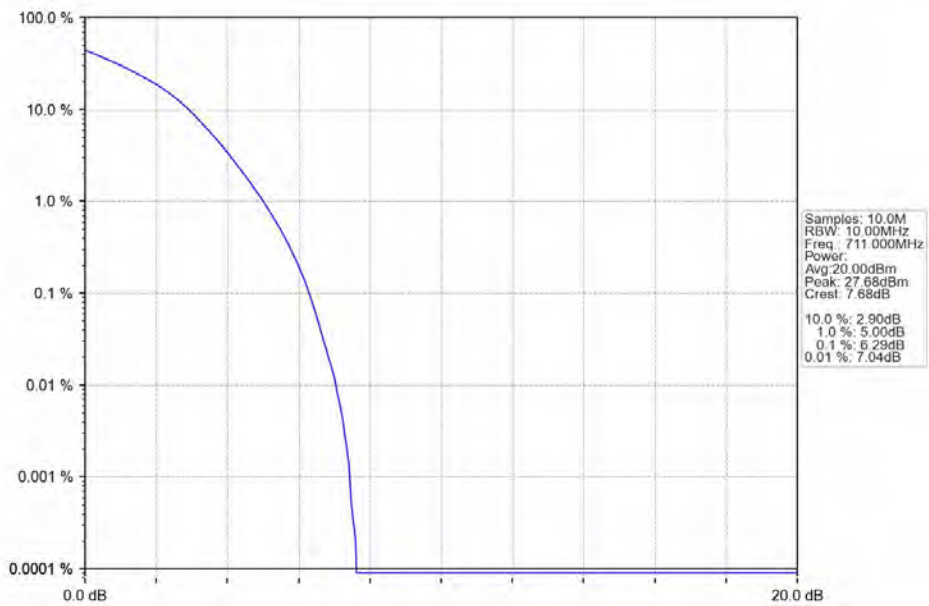
2024-09-04 11:10:39

Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



2024-09-04 11:11:11

Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



2024-09-04 11:11:44

6. Spurious Emission

6.1 Test Result

6.1.1 B17_5MHz

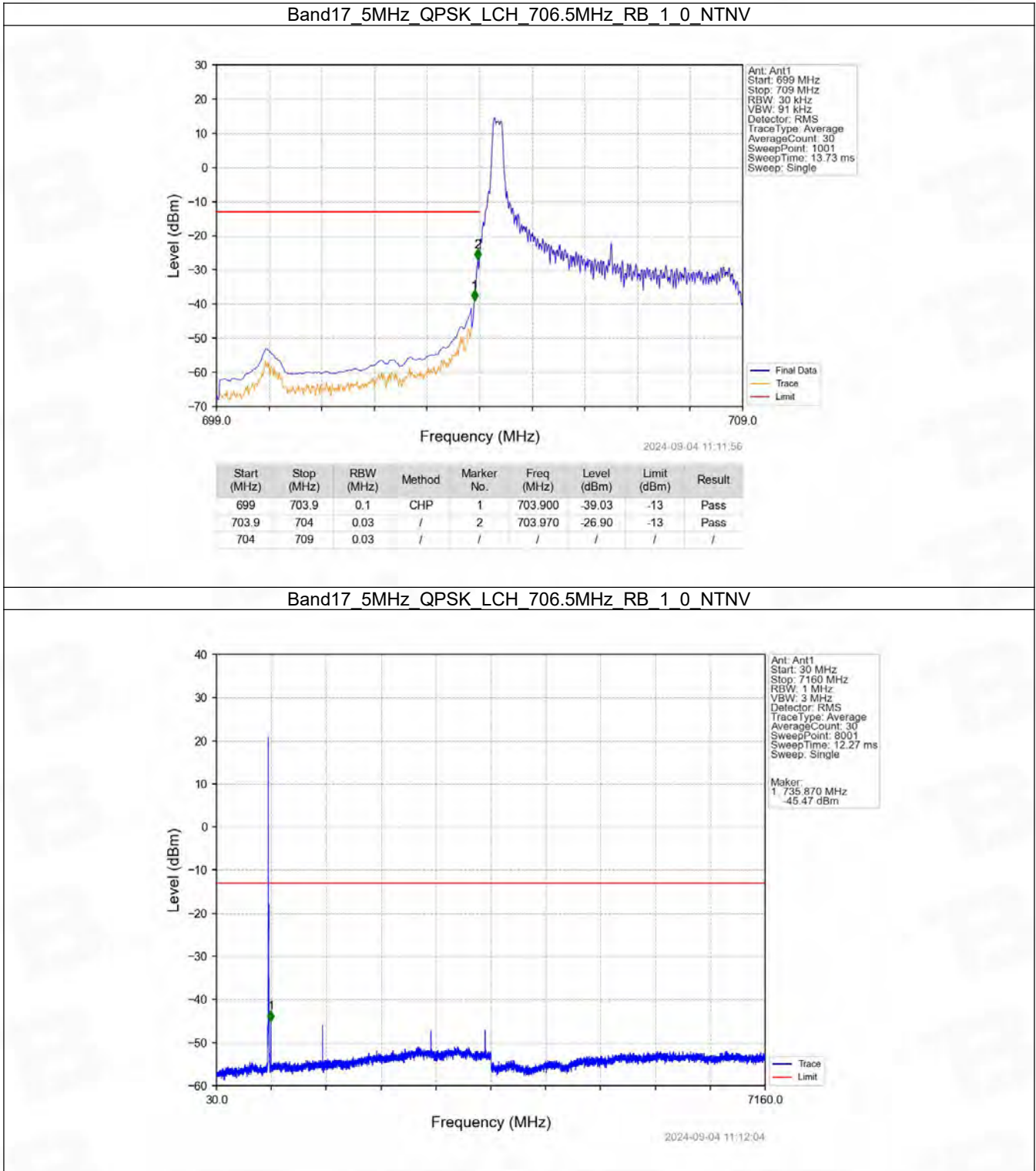
Band: 17 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	706.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	713.5	1	0	Refer To Test Graph		Pass
		1	24	Refer To Test Graph		Pass
		25	0	Refer To Test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

6.1.2 B17_10MHz

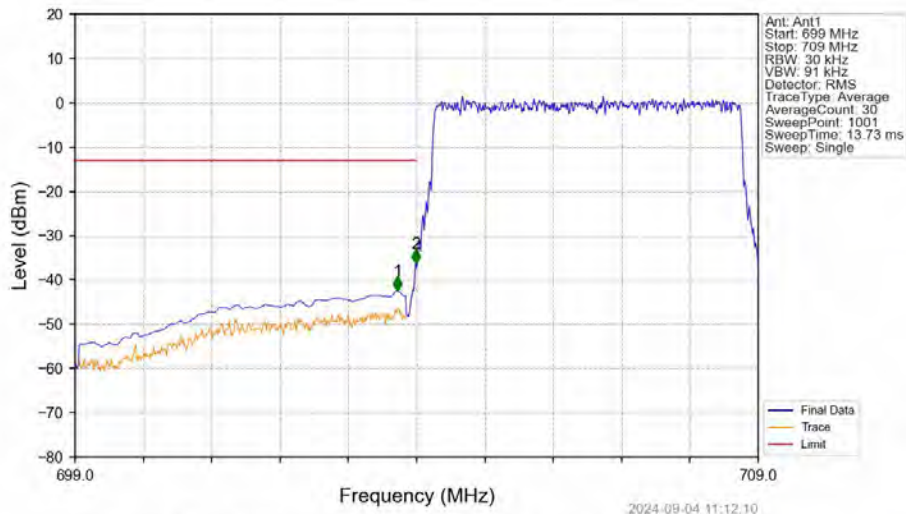
Band: 17 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	709	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	711	1	0	Refer To Test Graph		Pass
		1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph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

6.2.1 B17_5MHz

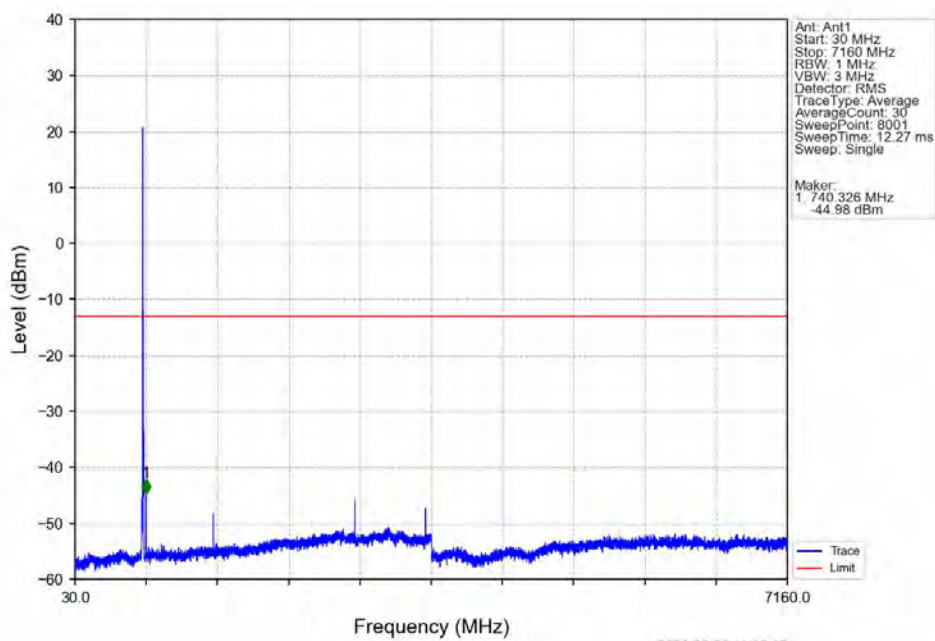


Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV

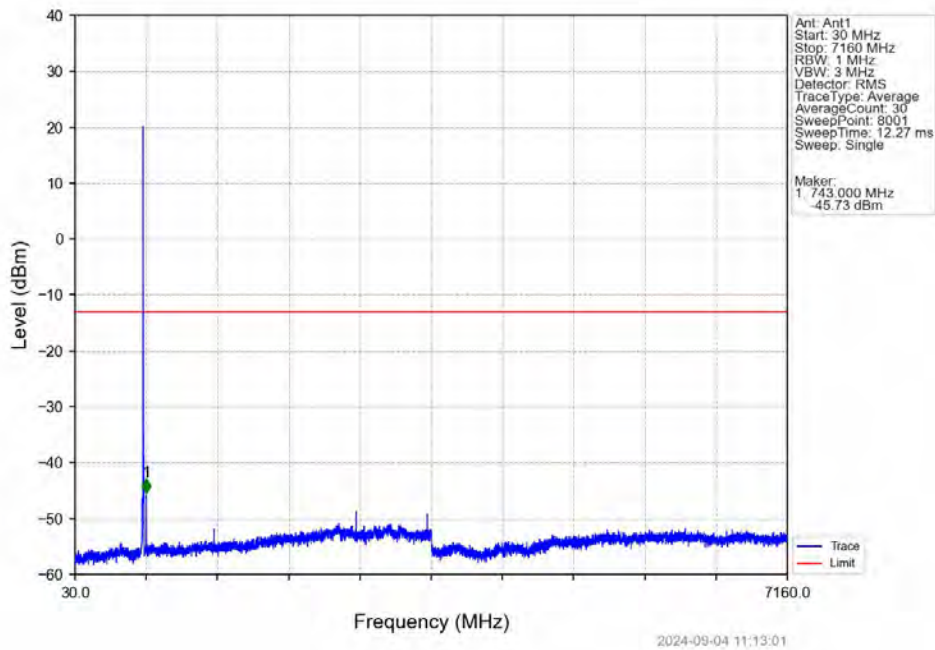


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.720	-42.35	-13	Pass
703.9	704	0.03	/	2	703.990	-36.22	-13	Pass
704	709	0.03	/	/	/	/	/	/

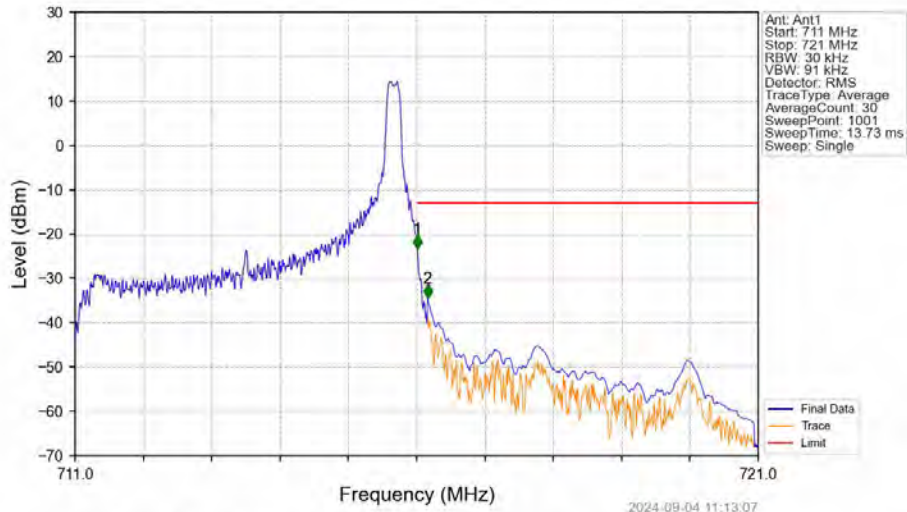
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV

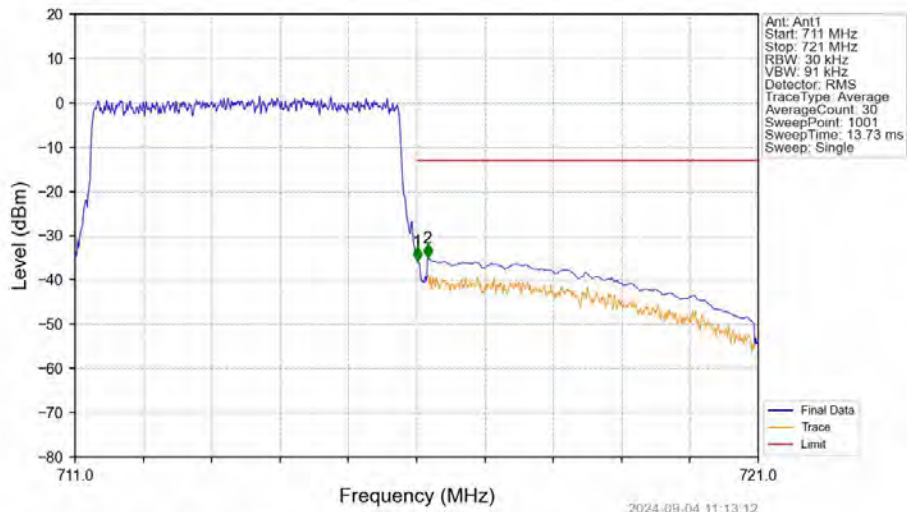


Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV



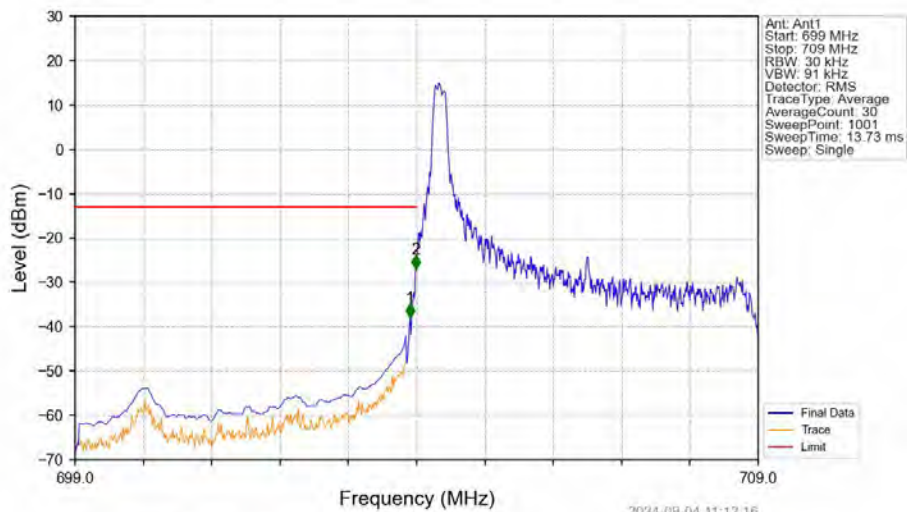
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-23.33	-13	Pass
716.1	721	0.1	CHP	2	716.160	-34.34	-13	Pass

Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



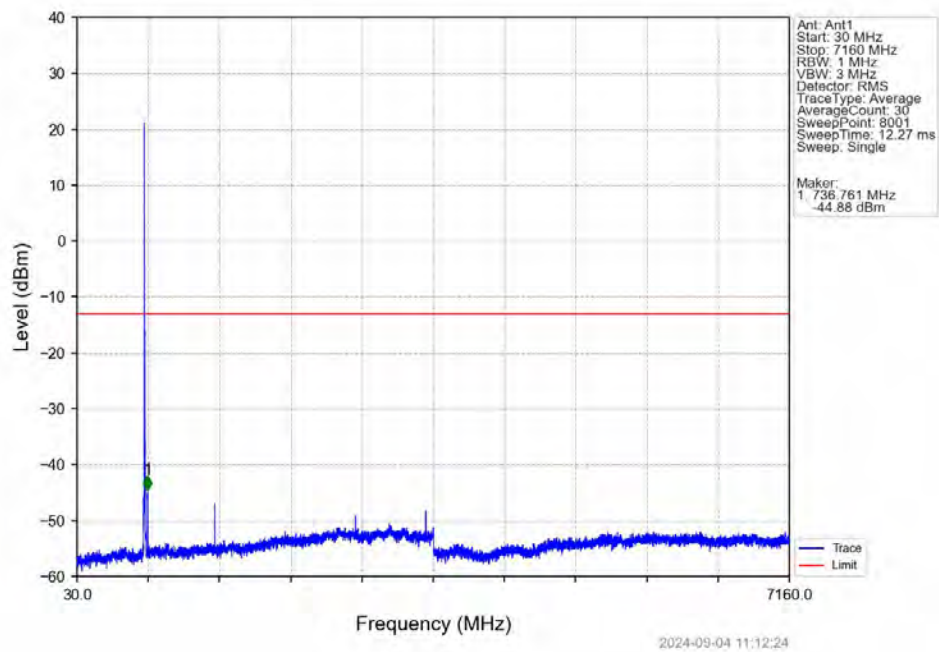
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-35.62	-13	Pass
716.1	721	0.1	CHP	2	716.160	-35.03	-13	Pass

Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV

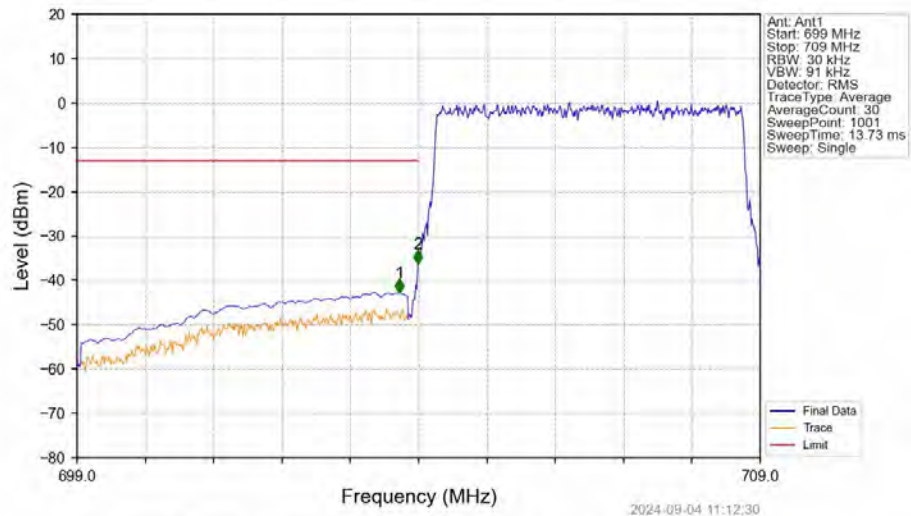


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.900	-37.95	-13	Pass
703.9	704	0.03	/	2	703.990	-26.99	-13	Pass
704	709	0.03	/	/	/	/	/	/

Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV

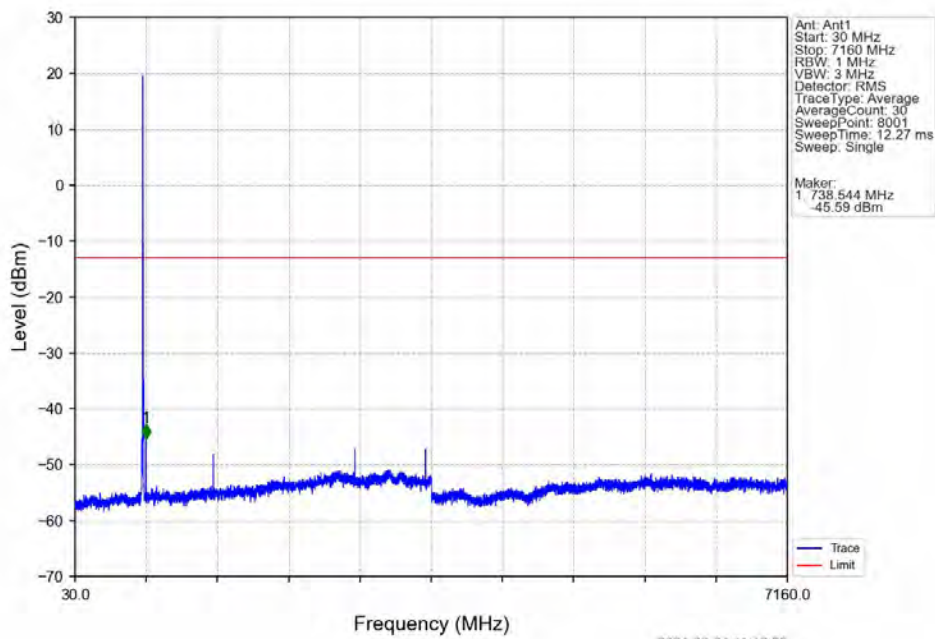


Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV

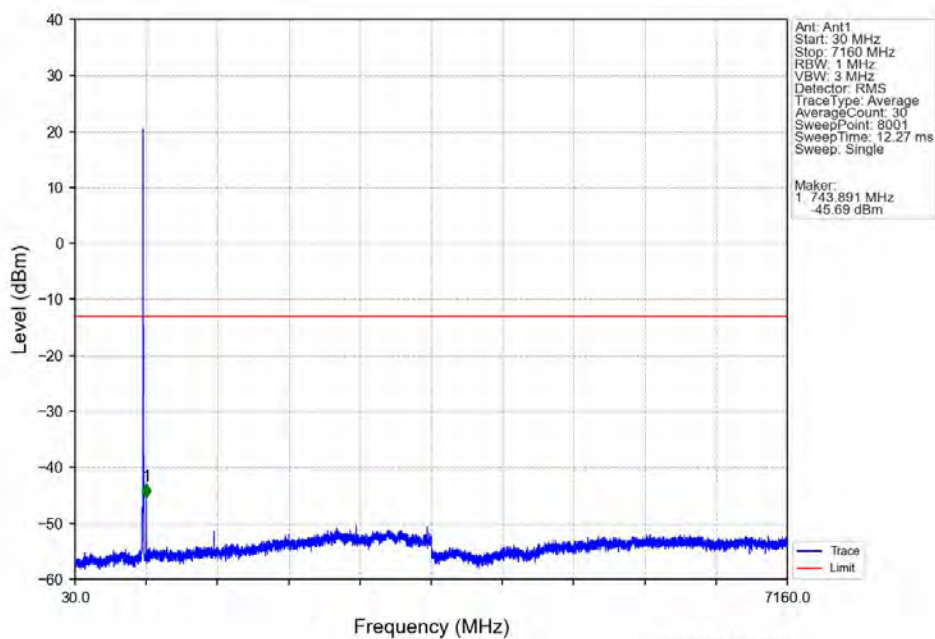


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.720	-42.74	-13	Pass
703.9	704	0.03	/	2	703.990	-36.28	-13	Pass
704	709	0.03	/	/	/	/	/	/

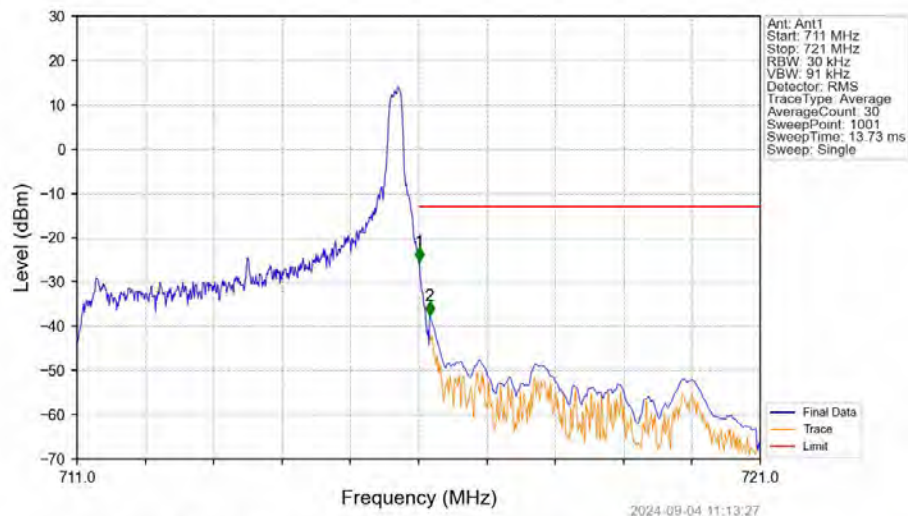
Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV

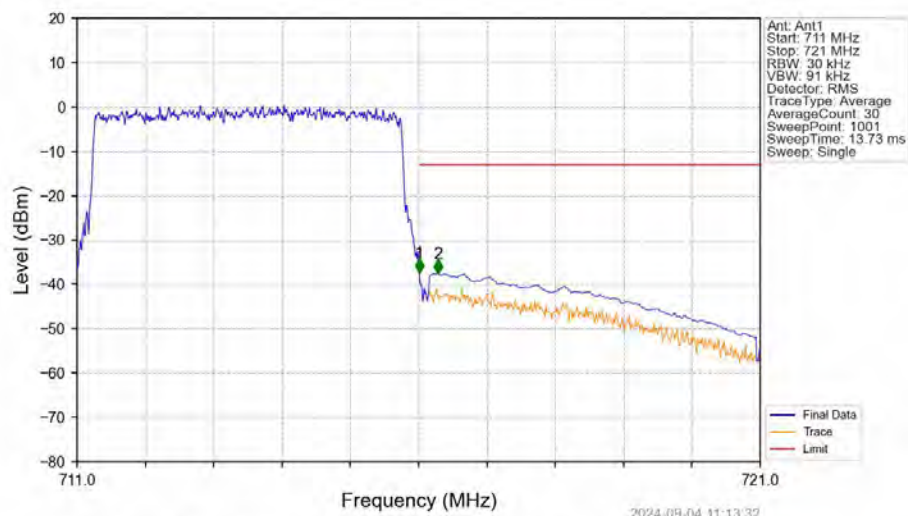


Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_24_NTNV



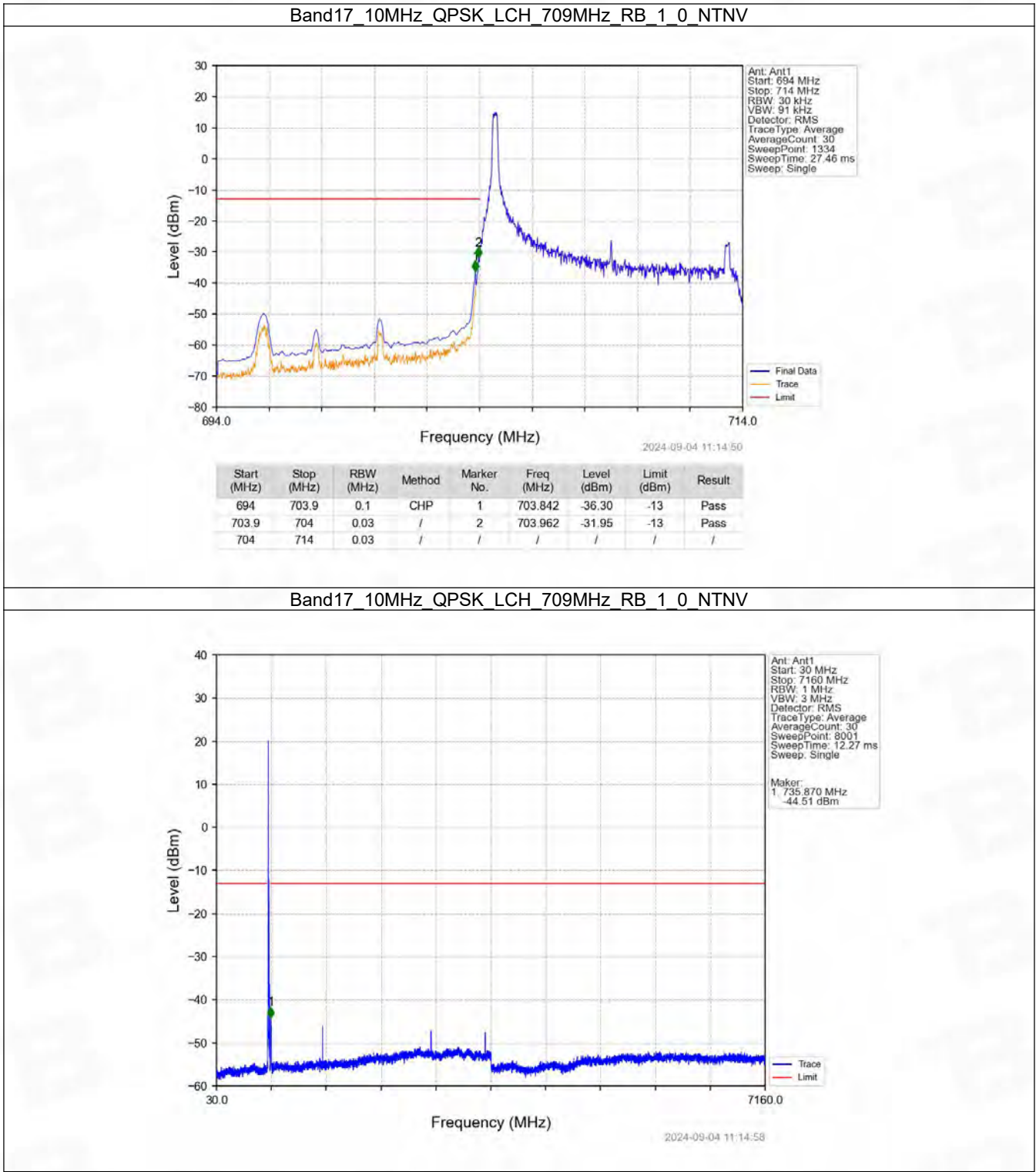
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-25.31	-13	Pass
716.1	721	0.1	CHP	2	716.160	-37.56	-13	Pass

Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV

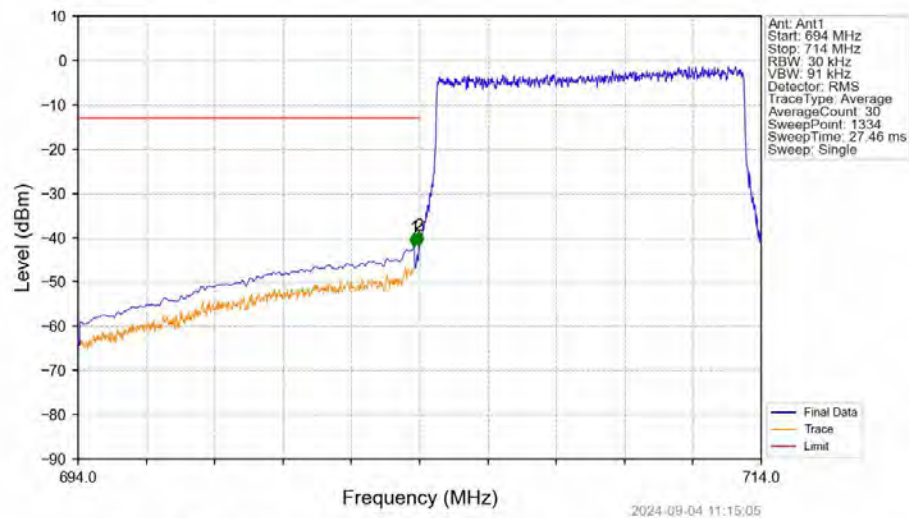


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-37.37	-13	Pass
716.1	721	0.1	CHP	2	716.280	-37.59	-13	Pass

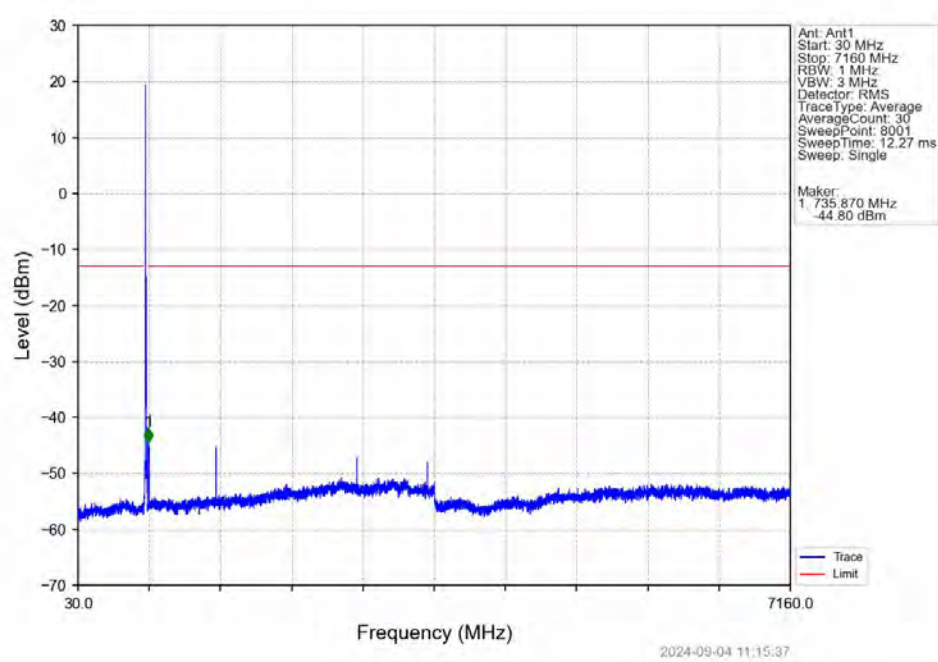
6.2.2 B17_10MHz



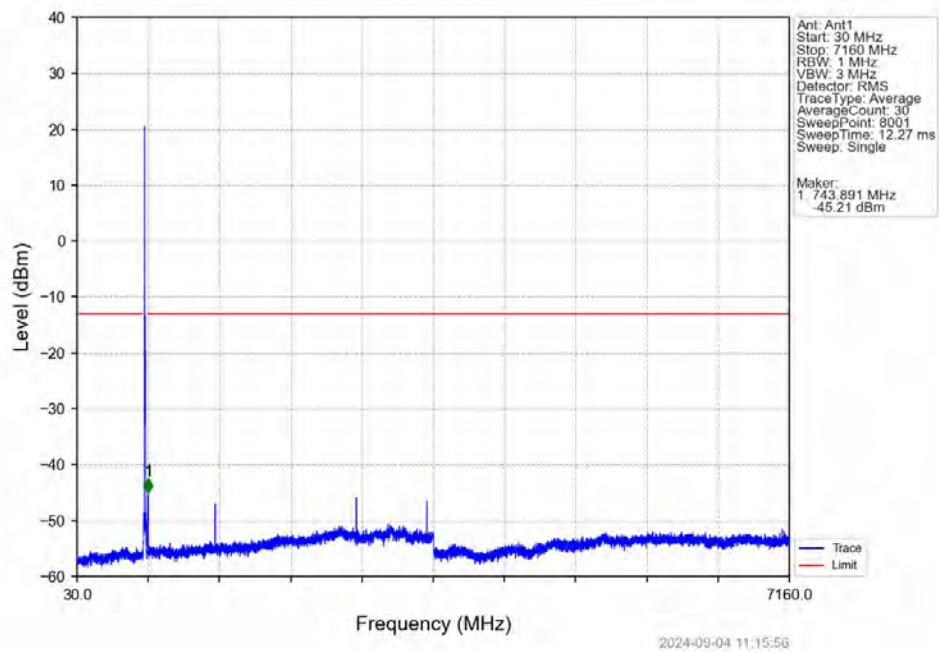
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



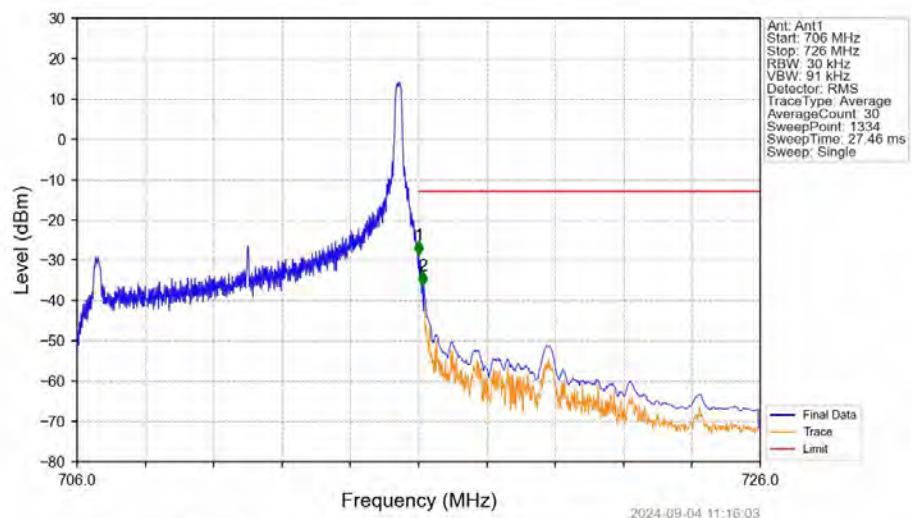
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV

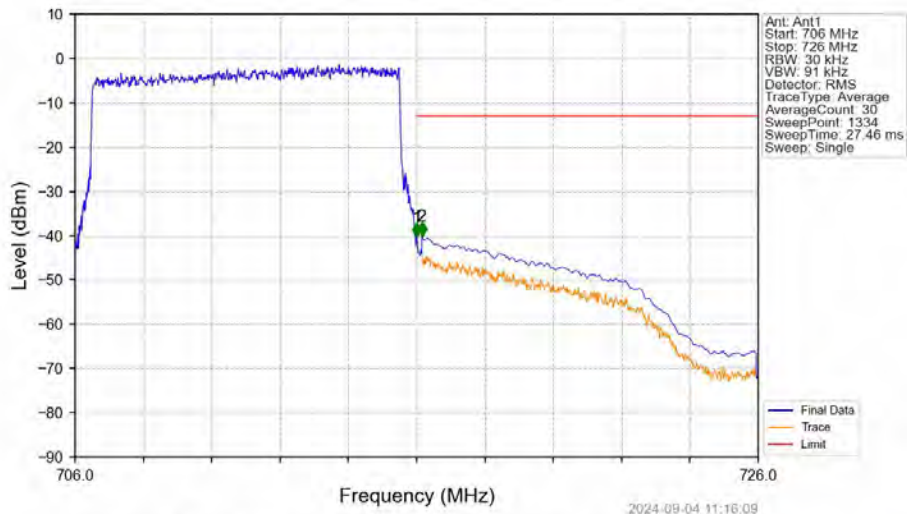


Band17_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV



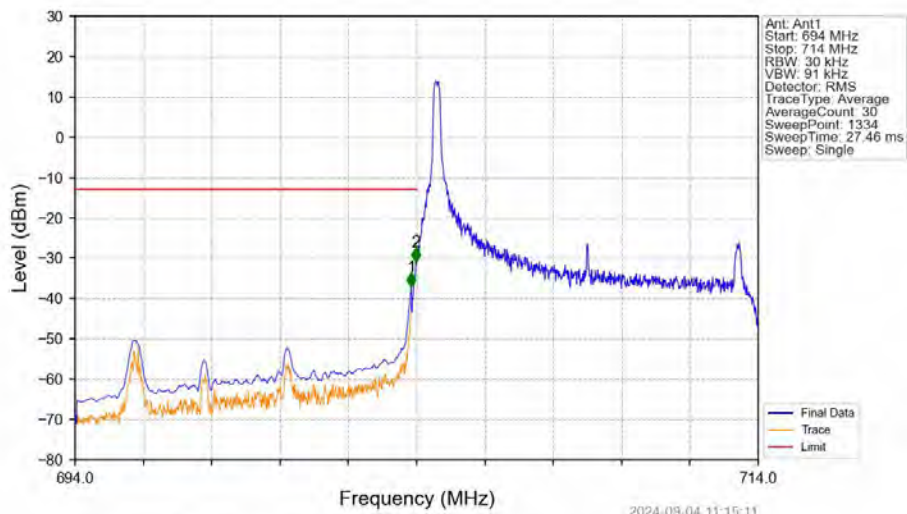
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-28.69	-13	Pass
716.1	726	0.1	CHP	2	716.113	-36.20	-13	Pass

Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



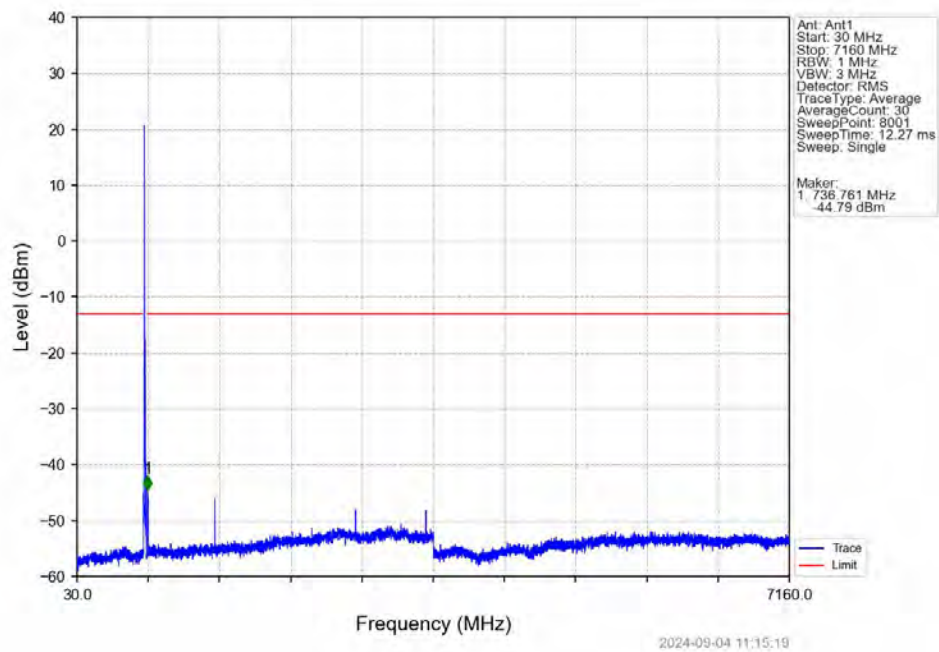
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-40.17	-13	Pass
716.1	726	0.1	CHP	2	716.158	-40.01	-13	Pass

Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV

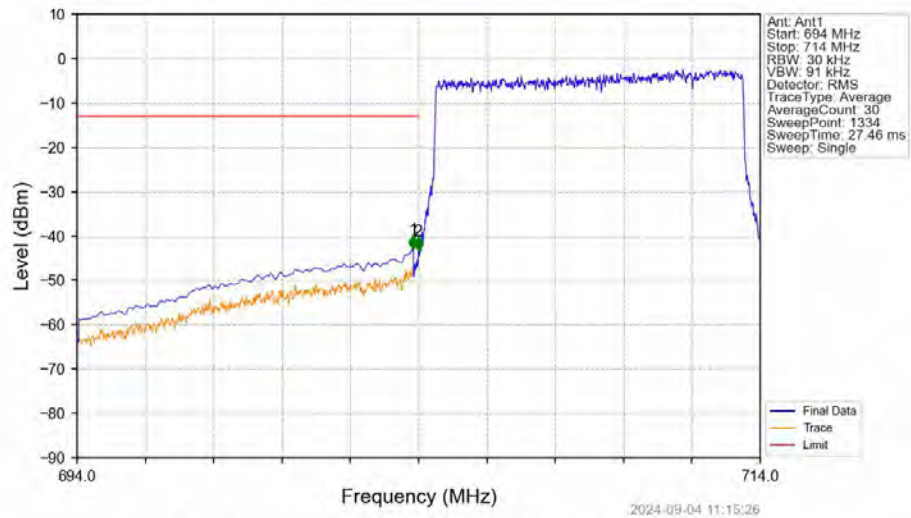


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-37.04	-13	Pass
703.9	704	0.03	/	2	703.977	-30.78	-13	Pass
704	714	0.03	/	/	/	/	/	/

Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV

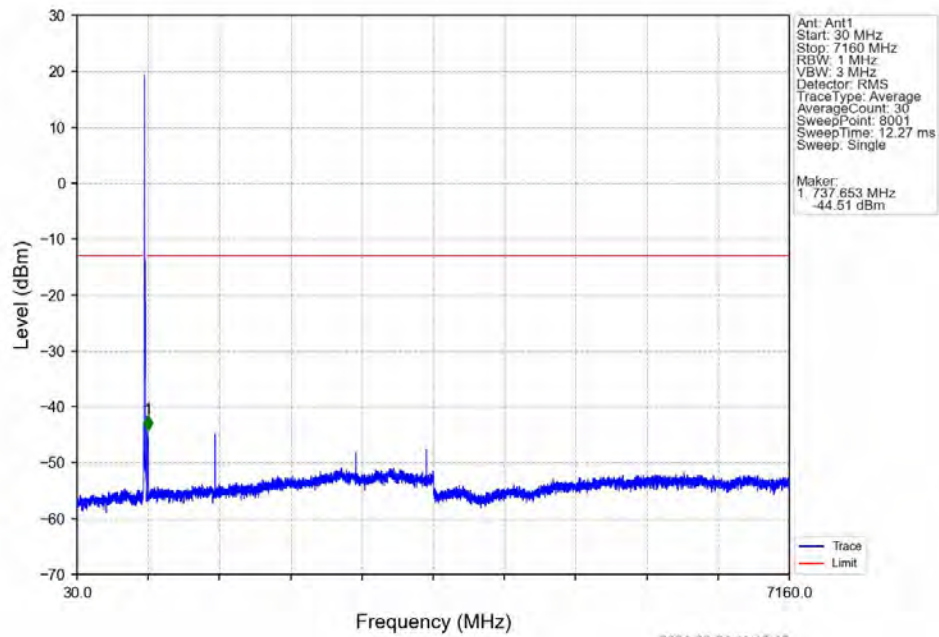


Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV

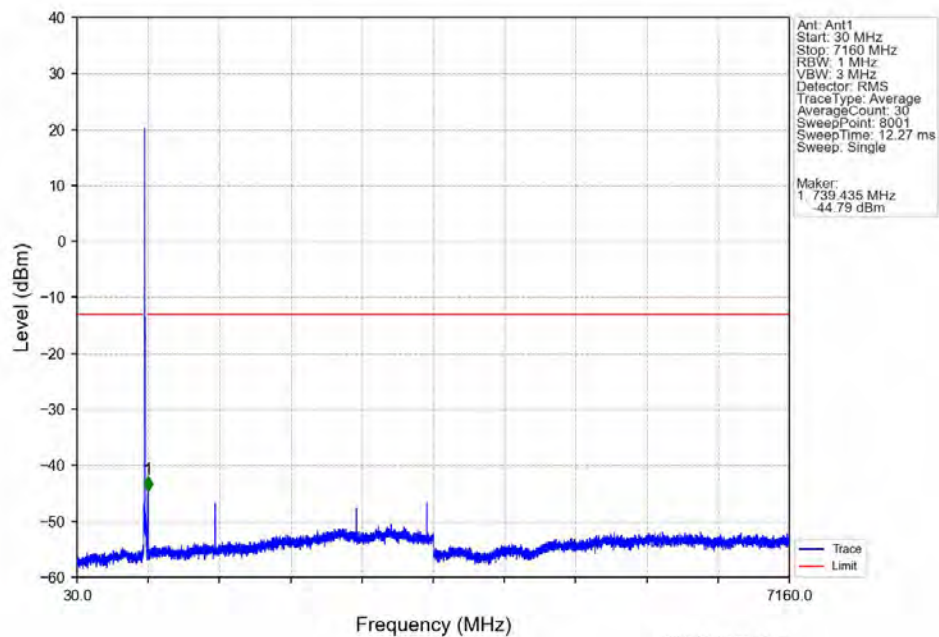


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-42.89	-13	Pass
703.9	704	0.03	/	2	703.992	-43.37	-13	Pass
704	714	0.03	/	/	/	/	/	/

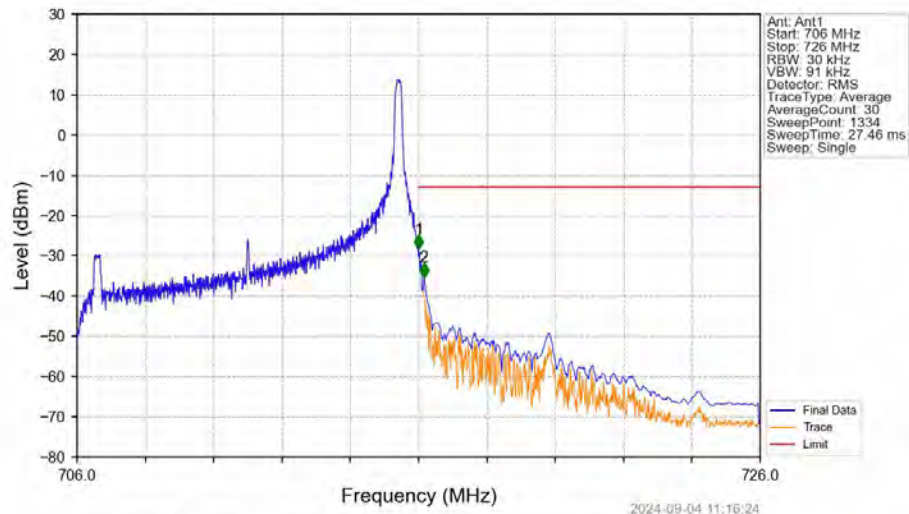
Band17_10MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



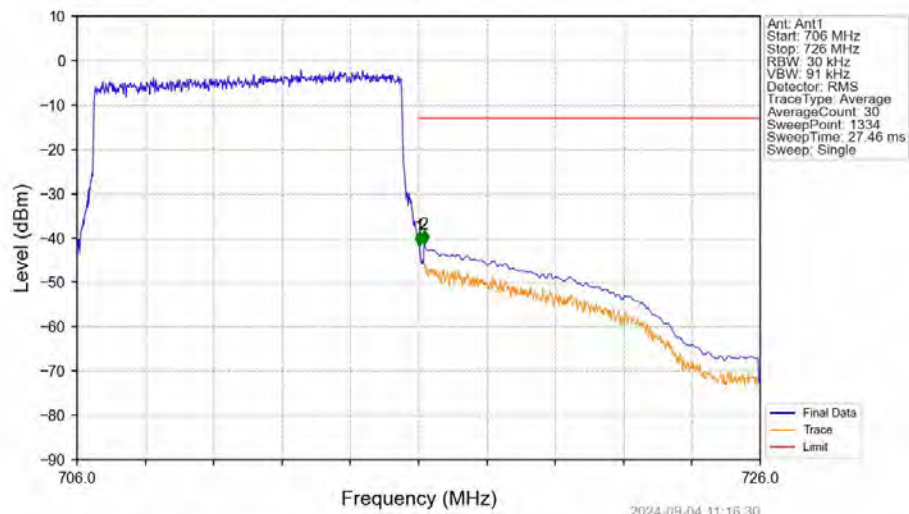
Band17_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_1_49_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



7. Form731

7.1 Test Result

7.1.1 Form731_Power

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	0.1644	0.0693	ppm	4M56G7D	27H	22.16
17	5	706.5	713.5	0.1469	0.0639	ppm	4M58W7D	27H	21.67
17	10	709	711	0.1618	0.0657	ppm	9M08G7D	27H	22.09
17	10	709	711	0.1706	0.0271	ppm	9M08W7D	27H	22.32

7.1.2 Form731_ERP

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	0.0560	0.0693	ppm	4M56G7D	27H	17.48
17	5	706.5	713.5	0.0500	0.0639	ppm	4M58W7D	27H	16.99
17	10	709	711	0.0551	0.0657	ppm	9M08G7D	27H	17.41
17	10	709	711	0.0581	0.0271	ppm	9M08W7D	27H	17.64