

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	21.32	-1.18	17.99	<=34.77	Pass		
			13	21.26	-1.18	17.93	<=34.77	Pass		
			24	21.33	-1.18	18.00	<=34.77	Pass		
		12	0	20.80	-1.18	17.47	<=34.77	Pass		
			6	20.89	-1.18	17.56	<=34.77	Pass		
			13	20.82	-1.18	17.49	<=34.77	Pass		
		25	0	20.86	-1.18	17.53	<=34.77	Pass		
		710	1	0	21.47	-1.18	18.14	<=34.77	Pass	
				13	21.41	-1.18	18.08	<=34.77	Pass	
	24			21.28	-1.18	17.95	<=34.77	Pass		
	12		0	20.91	-1.18	17.58	<=34.77	Pass		
			6	21.09	-1.18	17.76	<=34.77	Pass		
			13	20.91	-1.18	17.58	<=34.77	Pass		
	25	0	21.07	-1.18	17.74	<=34.77	Pass			
	713.5	1	0	21.22	-1.18	17.89	<=34.77	Pass		
			13	21.28	-1.18	17.95	<=34.77	Pass		
			24	21.20	-1.18	17.87	<=34.77	Pass		
		12	0	20.78	-1.18	17.45	<=34.77	Pass		
			6	20.86	-1.18	17.53	<=34.77	Pass		
			13	20.84	-1.18	17.51	<=34.77	Pass		
		25	0	20.90	-1.18	17.57	<=34.77	Pass		
		16QAM	706.5	1	0	20.79	-1.18	17.46	<=34.77	Pass
					13	20.75	-1.18	17.42	<=34.77	Pass
	24				20.76	-1.18	17.43	<=34.77	Pass	
12	0			19.82	-1.18	16.49	<=34.77	Pass		
	6			19.79	-1.18	16.46	<=34.77	Pass		
	13			19.77	-1.18	16.44	<=34.77	Pass		
25	0			19.81	-1.18	16.48	<=34.77	Pass		
710	1			0	20.03	-1.18	16.70	<=34.77	Pass	
				13	20.31	-1.18	16.98	<=34.77	Pass	
			24	20.00	-1.18	16.67	<=34.77	Pass		
	12		0	19.77	-1.18	16.44	<=34.77	Pass		
			6	20.23	-1.18	16.90	<=34.77	Pass		
			13	20.18	-1.18	16.85	<=34.77	Pass		
25	0		20.25	-1.18	16.92	<=34.77	Pass			
713.5	1		0	20.85	-1.18	17.52	<=34.77	Pass		
			13	20.88	-1.18	17.55	<=34.77	Pass		
			24	20.83	-1.18	17.50	<=34.77	Pass		
	12		0	20.18	-1.18	16.85	<=34.77	Pass		
			6	19.81	-1.18	16.48	<=34.77	Pass		
			13	19.77	-1.18	16.44	<=34.77	Pass		
	25		0	19.84	-1.18	16.51	<=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	21.38	-1.18	18.05	<=34.77	Pass
			25	21.49	-1.18	18.16	<=34.77	Pass
			49	21.49	-1.18	18.16	<=34.77	Pass
		25	0	20.83	-1.18	17.50	<=34.77	Pass
			13	20.94	-1.18	17.61	<=34.77	Pass
			25	20.92	-1.18	17.59	<=34.77	Pass
		50	0	20.94	-1.18	17.61	<=34.77	Pass
	710	1	0	21.45	-1.18	18.12	<=34.77	Pass
			25	21.38	-1.18	18.05	<=34.77	Pass
			49	21.43	-1.18	18.10	<=34.77	Pass
		25	0	20.90	-1.18	17.57	<=34.77	Pass
			13	21.06	-1.18	17.73	<=34.77	Pass
			25	20.89	-1.18	17.56	<=34.77	Pass
		50	0	21.09	-1.18	17.76	<=34.77	Pass
	711	1	0	21.29	-1.18	17.96	<=34.77	Pass
			25	21.16	-1.18	17.83	<=34.77	Pass
			49	21.28	-1.18	17.95	<=34.77	Pass
		25	0	20.87	-1.18	17.54	<=34.77	Pass
			13	21.11	-1.18	17.78	<=34.77	Pass
			25	20.88	-1.18	17.55	<=34.77	Pass
		50	0	21.07	-1.18	17.74	<=34.77	Pass
16QAM	709	1	0	20.60	-1.18	17.27	<=34.77	Pass
			25	20.60	-1.18	17.27	<=34.77	Pass
			49	20.63	-1.18	17.30	<=34.77	Pass
		25	0	20.04	-1.18	16.71	<=34.77	Pass
			13	20.07	-1.18	16.74	<=34.77	Pass
			25	20.43	-1.18	17.10	<=34.77	Pass
		50	0	19.82	-1.18	16.49	<=34.77	Pass
	710	1	0	20.90	-1.18	17.57	<=34.77	Pass
			25	21.25	-1.18	17.92	<=34.77	Pass
			49	20.93	-1.18	17.60	<=34.77	Pass
		25	0	19.90	-1.18	16.57	<=34.77	Pass
			13	20.34	-1.18	17.01	<=34.77	Pass
			25	20.29	-1.18	16.96	<=34.77	Pass
		50	0	20.29	-1.18	16.96	<=34.77	Pass
	711	1	0	20.89	-1.18	17.56	<=34.77	Pass
			25	21.18	-1.18	17.85	<=34.77	Pass
			49	20.82	-1.18	17.49	<=34.77	Pass
		25	0	19.79	-1.18	16.46	<=34.77	Pass
			13	20.19	-1.18	16.86	<=34.77	Pass
			25	19.80	-1.18	16.47	<=34.77	Pass
		50	0	20.22	-1.18	16.89	<=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	18.682	0.0264	-2.5 to 2.5	Pass

					3.85	-5.236	-0.0074	-2.5 to 2.5	Pass	
					4.43	-26.336	-0.0373	-2.5 to 2.5	Pass	
				-30	3.85	-45.891	-0.0650	-2.5 to 2.5	Pass	
				-20	3.85	-13.418	-0.0190	-2.5 to 2.5	Pass	
				-10	3.85	-21.729	-0.0308	-2.5 to 2.5	Pass	
				0	3.85	-27.938	-0.0395	-2.5 to 2.5	Pass	
				10	3.85	-33.488	-0.0474	-2.5 to 2.5	Pass	
				30	3.85	-37.251	-0.0527	-2.5 to 2.5	Pass	
				40	3.85	-43.230	-0.0612	-2.5 to 2.5	Pass	
				50	3.85	-43.545	-0.0616	-2.5 to 2.5	Pass	
	710	25	0	20	3.27	4.835	0.0068	-2.5 to 2.5	Pass	
					3.85	-3.362	-0.0047	-2.5 to 2.5	Pass	
				4.43	-13.390	-0.0189	-2.5 to 2.5	Pass		
				-30	3.85	-23.875	-0.0336	-2.5 to 2.5	Pass	
				-20	3.85	-29.554	-0.0416	-2.5 to 2.5	Pass	
				-10	3.85	-33.617	-0.0473	-2.5 to 2.5	Pass	
				0	3.85	-38.466	-0.0542	-2.5 to 2.5	Pass	
				10	3.85	-42.615	-0.0600	-2.5 to 2.5	Pass	
				30	3.85	-42.558	-0.0599	-2.5 to 2.5	Pass	
				40	3.85	-44.160	-0.0622	-2.5 to 2.5	Pass	
	50	3.85	-25.635	-0.0361	-2.5 to 2.5	Pass				
	713.5	25	0	20	3.27	15.063	0.0211	-2.5 to 2.5	Pass	
					3.85	8.554	0.0120	-2.5 to 2.5	Pass	
				4.43	0.072	0.0001	-2.5 to 2.5	Pass		
				-30	3.85	-7.081	-0.0099	-2.5 to 2.5	Pass	
				-20	3.85	-13.633	-0.0191	-2.5 to 2.5	Pass	
				-10	3.85	-17.996	-0.0252	-2.5 to 2.5	Pass	
				0	3.85	-19.612	-0.0275	-2.5 to 2.5	Pass	
				10	3.85	-22.016	-0.0309	-2.5 to 2.5	Pass	
				30	3.85	-23.675	-0.0332	-2.5 to 2.5	Pass	
				40	3.85	-24.304	-0.0341	-2.5 to 2.5	Pass	
	50	3.85	-25.878	-0.0363	-2.5 to 2.5	Pass				
	16QAM	706.5	25	0	20	3.27	-45.362	-0.0642	-2.5 to 2.5	Pass
						3.85	-40.555	-0.0574	-2.5 to 2.5	Pass
					4.43	-36.163	-0.0512	-2.5 to 2.5	Pass	
					-30	3.85	-32.744	-0.0463	-2.5 to 2.5	Pass
					-20	3.85	-30.799	-0.0436	-2.5 to 2.5	Pass
					-10	3.85	-31.486	-0.0446	-2.5 to 2.5	Pass
					0	3.85	-30.971	-0.0438	-2.5 to 2.5	Pass
					10	3.85	-32.072	-0.0454	-2.5 to 2.5	Pass
					30	3.85	-31.128	-0.0441	-2.5 to 2.5	Pass
					40	3.85	-31.142	-0.0441	-2.5 to 2.5	Pass
50		3.85	-31.557	-0.0447	-2.5 to 2.5	Pass				
710		25	0	20	3.27	4.578	0.0064	-2.5 to 2.5	Pass	
					3.85	7.453	0.0105	-2.5 to 2.5	Pass	
				4.43	10.929	0.0154	-2.5 to 2.5	Pass		
				-30	3.85	15.135	0.0213	-2.5 to 2.5	Pass	
				-20	3.85	21.944	0.0309	-2.5 to 2.5	Pass	
				-10	3.85	21.572	0.0304	-2.5 to 2.5	Pass	
				0	3.85	22.144	0.0312	-2.5 to 2.5	Pass	
				10	3.85	21.443	0.0302	-2.5 to 2.5	Pass	
				30	3.85	24.748	0.0349	-2.5 to 2.5	Pass	
				40	3.85	22.559	0.0318	-2.5 to 2.5	Pass	
50		3.85	25.005	0.0352	-2.5 to 2.5	Pass				
713.5		25	0	20	3.27	-25.935	-0.0363	-2.5 to 2.5	Pass	
					3.85	-21.558	-0.0302	-2.5 to 2.5	Pass	
				4.43	-16.551	-0.0232	-2.5 to 2.5	Pass		
				-30	3.85	-13.146	-0.0184	-2.5 to 2.5	Pass	
				-20	3.85	-10.314	-0.0145	-2.5 to 2.5	Pass	

				-10	3.85	-9.427	-0.0132	-2.5 to 2.5	Pass
				0	3.85	-5.736	-0.0080	-2.5 to 2.5	Pass
				10	3.85	-5.779	-0.0081	-2.5 to 2.5	Pass
				30	3.85	-4.563	-0.0064	-2.5 to 2.5	Pass
				40	3.85	-3.304	-0.0046	-2.5 to 2.5	Pass
				50	3.85	-4.106	-0.0058	-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	-8.225	-0.0116	-2.5 to 2.5	Pass
					3.85	-32.029	-0.0452	-2.5 to 2.5	Pass
					4.43	-32.930	-0.0464	-2.5 to 2.5	Pass
				-30	3.85	-40.469	-0.0571	-2.5 to 2.5	Pass
				-20	3.85	-28.968	-0.0409	-2.5 to 2.5	Pass
				-10	3.85	0.844	0.0012	-2.5 to 2.5	Pass
				0	3.85	-13.289	-0.0187	-2.5 to 2.5	Pass
				10	3.85	-26.178	-0.0369	-2.5 to 2.5	Pass
				30	3.85	-36.778	-0.0519	-2.5 to 2.5	Pass
				40	3.85	-44.475	-0.0627	-2.5 to 2.5	Pass
				50	3.85	-8.197	-0.0116	-2.5 to 2.5	Pass
	710	50	0	20	3.27	11.802	0.0166	-2.5 to 2.5	Pass
					3.85	3.419	0.0048	-2.5 to 2.5	Pass
					4.43	-12.059	-0.0170	-2.5 to 2.5	Pass
				-30	3.85	-21.601	-0.0304	-2.5 to 2.5	Pass
				-20	3.85	-28.539	-0.0402	-2.5 to 2.5	Pass
				-10	3.85	-33.202	-0.0468	-2.5 to 2.5	Pass
				0	3.85	-36.063	-0.0508	-2.5 to 2.5	Pass
				10	3.85	-38.838	-0.0547	-2.5 to 2.5	Pass
				30	3.85	-38.939	-0.0548	-2.5 to 2.5	Pass
				40	3.85	-42.930	-0.0605	-2.5 to 2.5	Pass
				50	3.85	7.682	0.0108	-2.5 to 2.5	Pass
	711	50	0	20	3.27	11.001	0.0155	-2.5 to 2.5	Pass
					3.85	2.432	0.0034	-2.5 to 2.5	Pass
					4.43	-5.064	-0.0071	-2.5 to 2.5	Pass
				-30	3.85	-10.271	-0.0144	-2.5 to 2.5	Pass
				-20	3.85	-14.849	-0.0209	-2.5 to 2.5	Pass
				-10	3.85	-19.984	-0.0281	-2.5 to 2.5	Pass
				0	3.85	-22.860	-0.0322	-2.5 to 2.5	Pass
				10	3.85	-23.389	-0.0329	-2.5 to 2.5	Pass
				30	3.85	-26.650	-0.0375	-2.5 to 2.5	Pass
				40	3.85	-27.180	-0.0382	-2.5 to 2.5	Pass
16QAM	709	50	0	20	3.27	-11.301	-0.0159	-2.5 to 2.5	Pass
					3.85	-8.426	-0.0119	-2.5 to 2.5	Pass
					4.43	-4.063	-0.0057	-2.5 to 2.5	Pass
				-30	3.85	-0.544	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	0.472	0.0007	-2.5 to 2.5	Pass
				-10	3.85	0.772	0.0011	-2.5 to 2.5	Pass
				0	3.85	1.831	0.0026	-2.5 to 2.5	Pass
				10	3.85	1.817	0.0026	-2.5 to 2.5	Pass
				30	3.85	-0.143	-0.0002	-2.5 to 2.5	Pass
				40	3.85	1.245	0.0018	-2.5 to 2.5	Pass
				50	3.85	2.160	0.0030	-2.5 to 2.5	Pass
	710	50	0	20	3.27	5.507	0.0078	-2.5 to 2.5	Pass

					3.85	12.074	0.0170	-2.5 to 2.5	Pass
					4.43	15.335	0.0216	-2.5 to 2.5	Pass
				-30	3.85	16.308	0.0230	-2.5 to 2.5	Pass
				-20	3.85	17.796	0.0251	-2.5 to 2.5	Pass
				-10	3.85	19.569	0.0276	-2.5 to 2.5	Pass
				0	3.85	20.957	0.0295	-2.5 to 2.5	Pass
				10	3.85	22.216	0.0313	-2.5 to 2.5	Pass
				30	3.85	24.648	0.0347	-2.5 to 2.5	Pass
				40	3.85	22.888	0.0322	-2.5 to 2.5	Pass
				50	3.85	21.915	0.0309	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-26.350	-0.0371	-2.5 to 2.5	Pass
					3.85	-22.230	-0.0313	-2.5 to 2.5	Pass
					4.43	-15.621	-0.0220	-2.5 to 2.5	Pass
				-30	3.85	-12.789	-0.0180	-2.5 to 2.5	Pass
				-20	3.85	-10.500	-0.0148	-2.5 to 2.5	Pass
				-10	3.85	-10.686	-0.0150	-2.5 to 2.5	Pass
				0	3.85	-10.057	-0.0141	-2.5 to 2.5	Pass
				10	3.85	-9.012	-0.0127	-2.5 to 2.5	Pass
				30	3.85	-10.357	-0.0146	-2.5 to 2.5	Pass
				40	3.85	-11.272	-0.0159	-2.5 to 2.5	Pass
				50	3.85	-11.115	-0.0156	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B17_5MHz

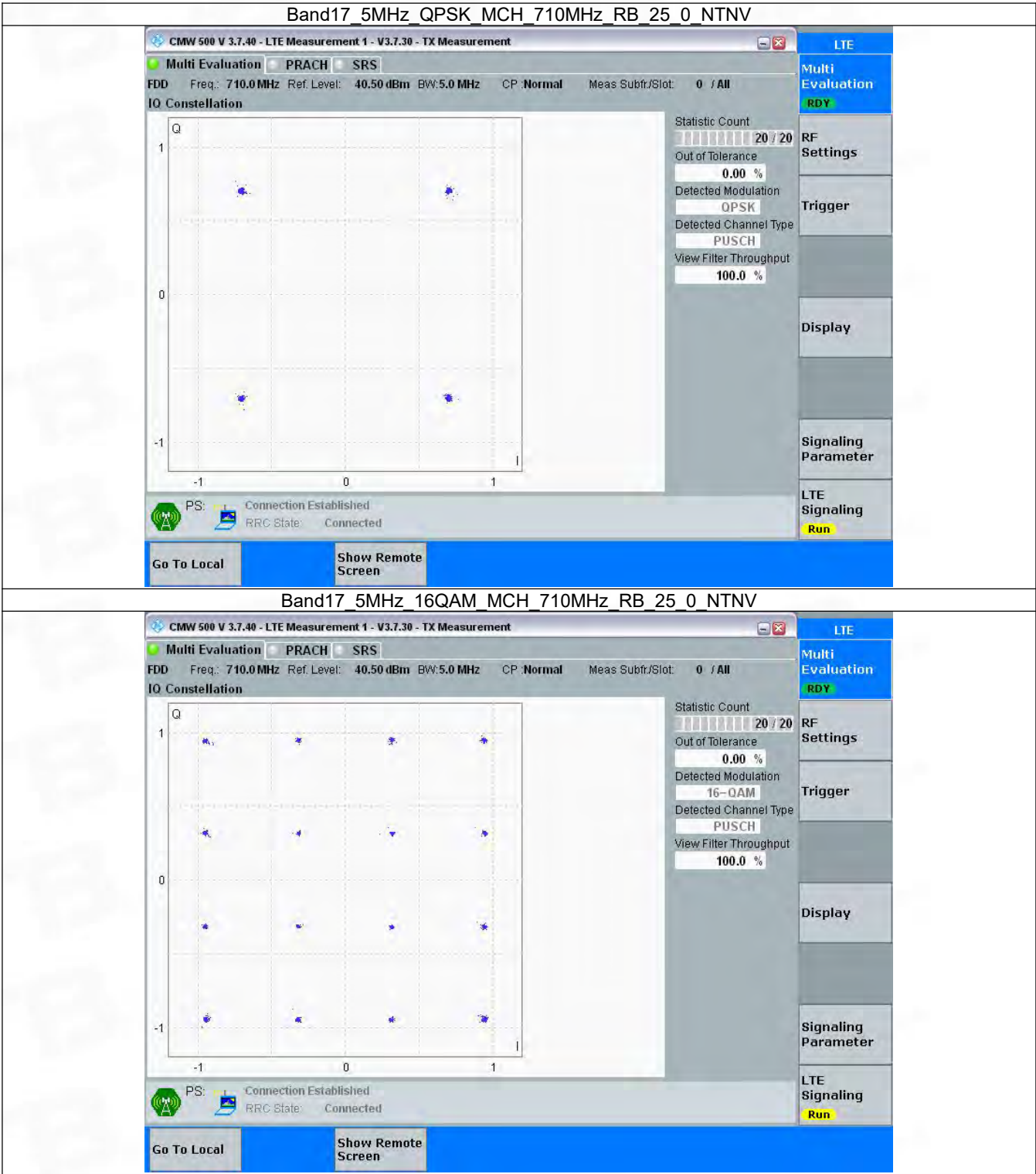
Band: 17 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	710	25	0	Refer To Test Graph		Pass
16QAM	710	25	0	Refer To Test Graph		Pass

3.1.2 B17_10MHz

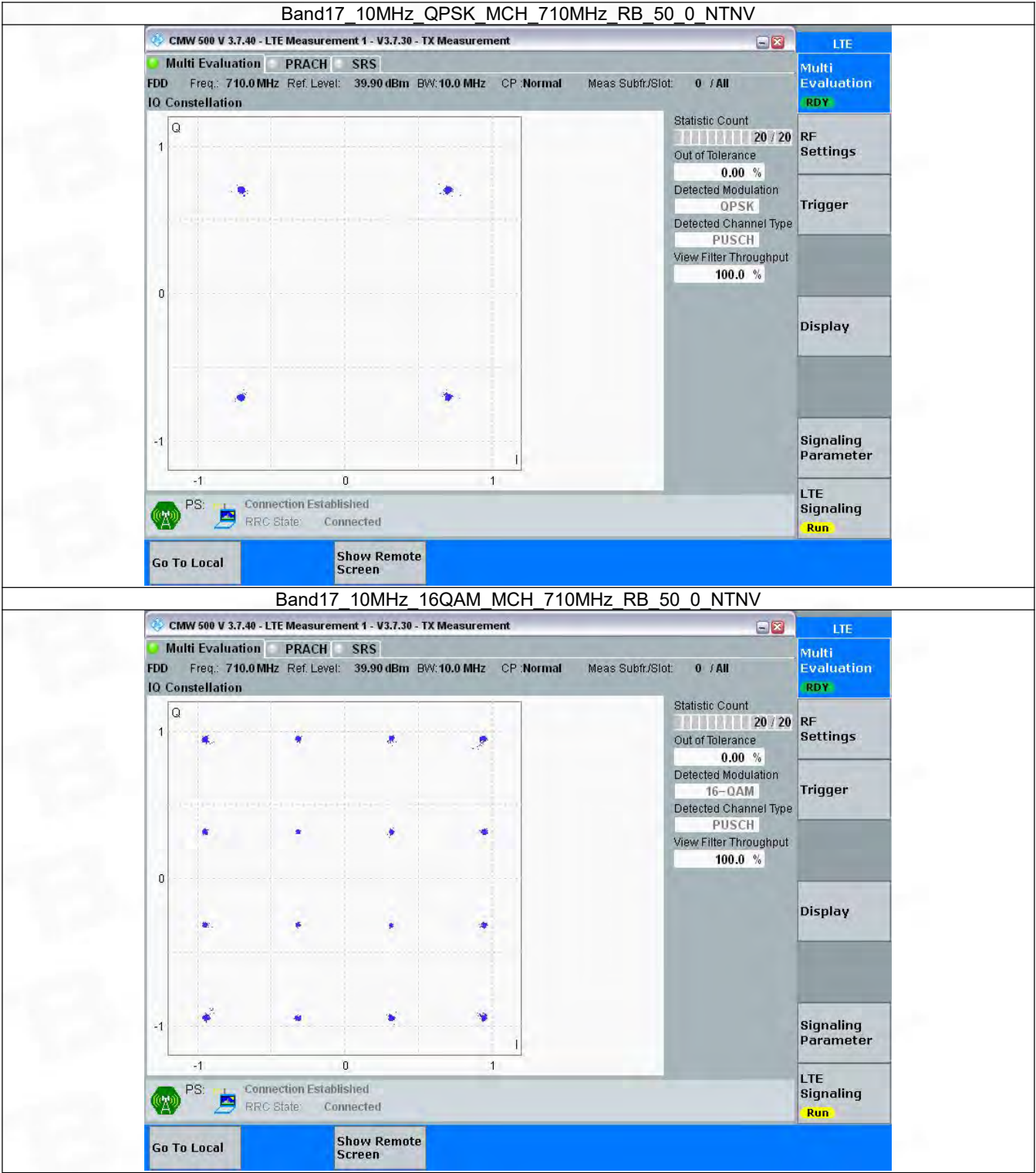
Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	710	50	0	Refer To Test Graph		Pass
16QAM	710	50	0	Refer To Test Graph		Pass

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

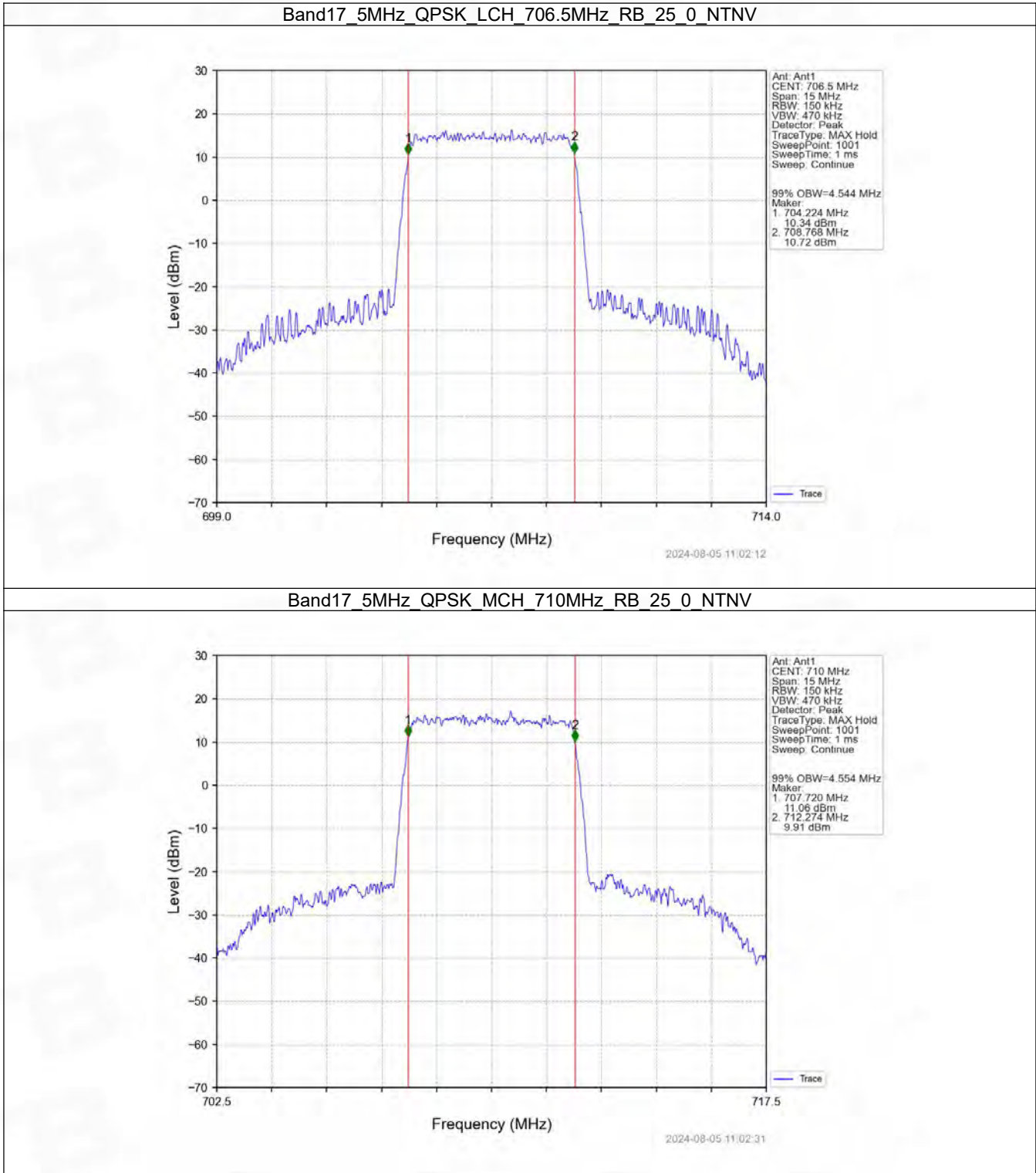
Band: 17 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	706.5	25	0	4.544	/	Pass
		710	25	0	4.554	/	Pass
		713.5	25	0	4.554	/	Pass
	16QAM	706.5	25	0	4.573	/	Pass
		710	25	0	4.533	/	Pass
		713.5	25	0	4.564	/	Pass
10	QPSK	709	50	0	9.085	/	Pass
		710	50	0	9.032	/	Pass
		711	50	0	9.050	/	Pass
	16QAM	709	50	0	9.047	/	Pass
		710	50	0	9.078	/	Pass
		711	50	0	9.075	/	Pass

4.1.2 Band17_XDB

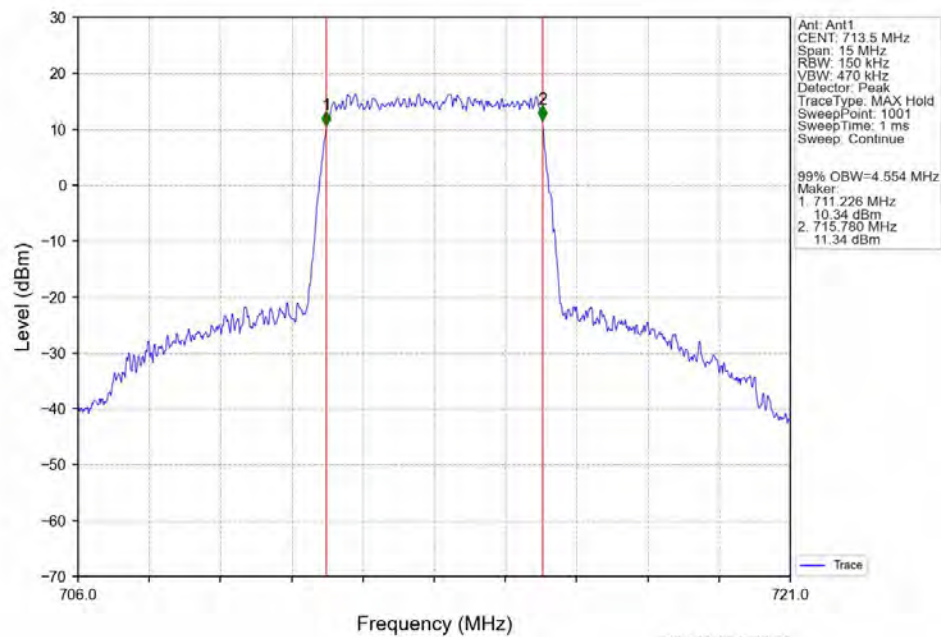
Band: 17 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	706.5	25	0	5.055	/	Pass
		710	25	0	5.065	/	Pass
		713.5	25	0	5.072	/	Pass
	16QAM	706.5	25	0	5.065	/	Pass
		710	25	0	5.035	/	Pass
		713.5	25	0	5.084	/	Pass
10	QPSK	709	50	0	10.074	/	Pass
		710	50	0	9.713	/	Pass
		711	50	0	9.757	/	Pass
	16QAM	709	50	0	10.008	/	Pass
		710	50	0	10.060	/	Pass
		711	50	0	10.089	/	Pass

4.2 Test Graph

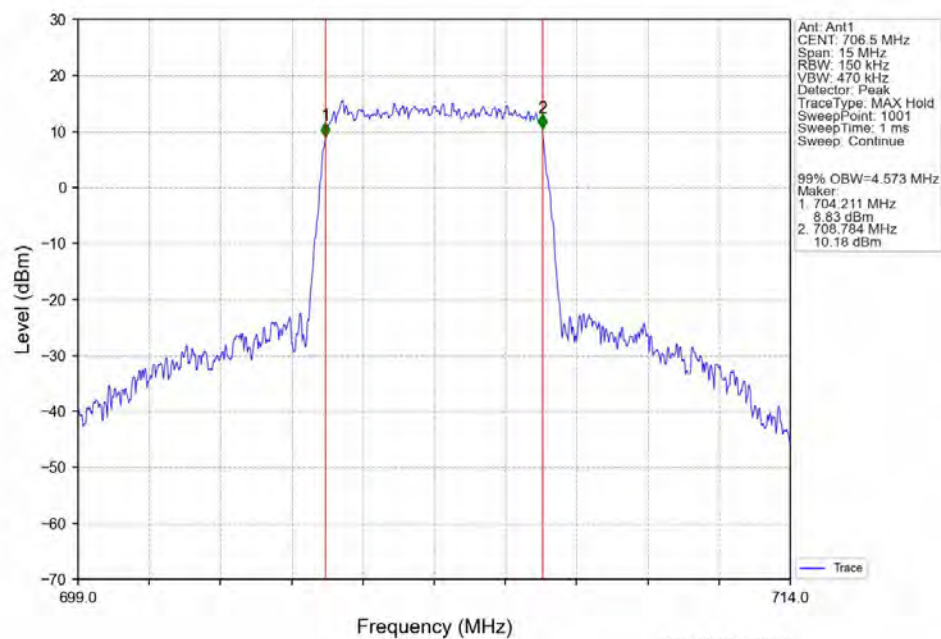
4.2.1 Band17_OBW



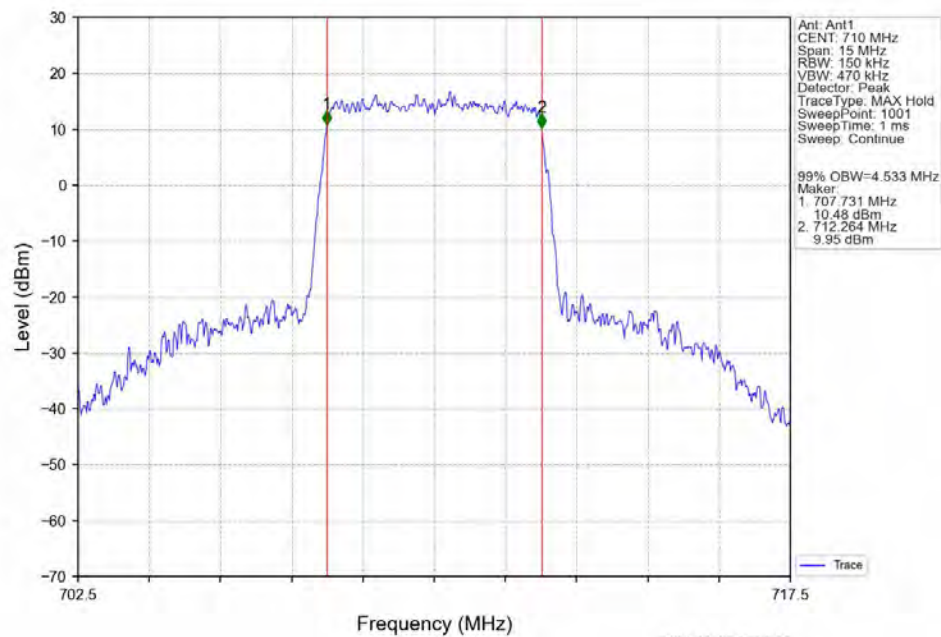
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV

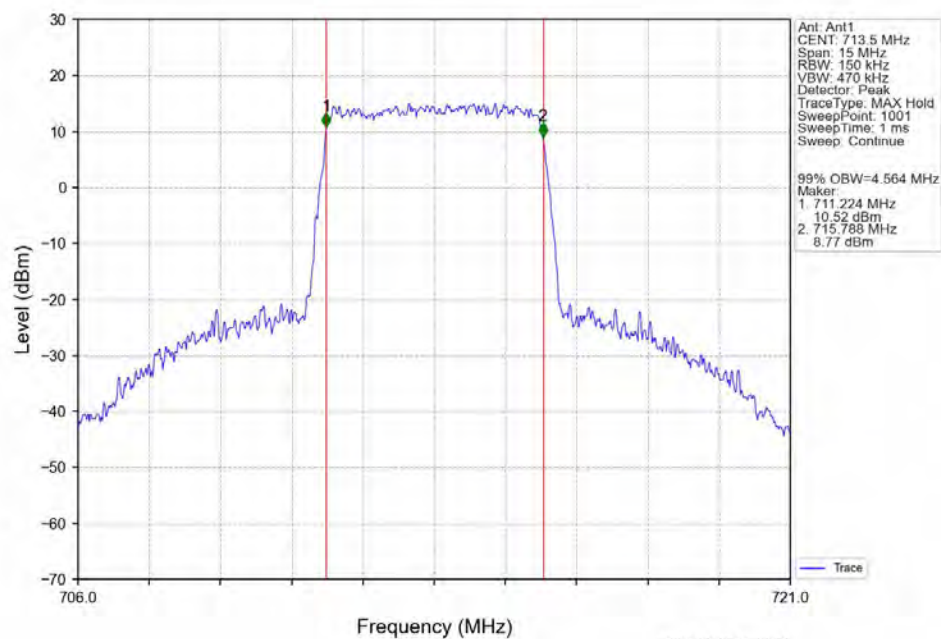


Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



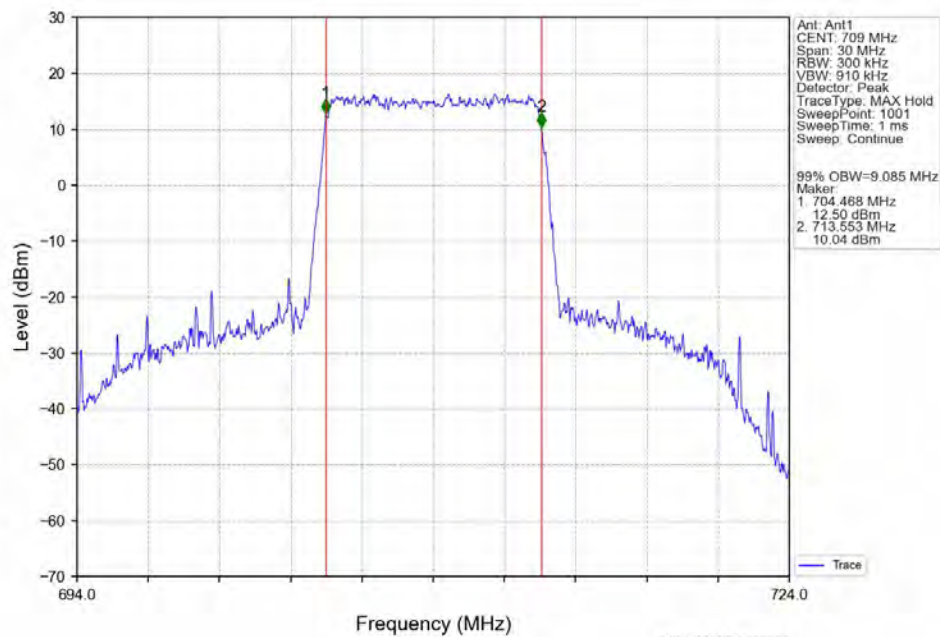
2024-08-05 11:02:39

Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



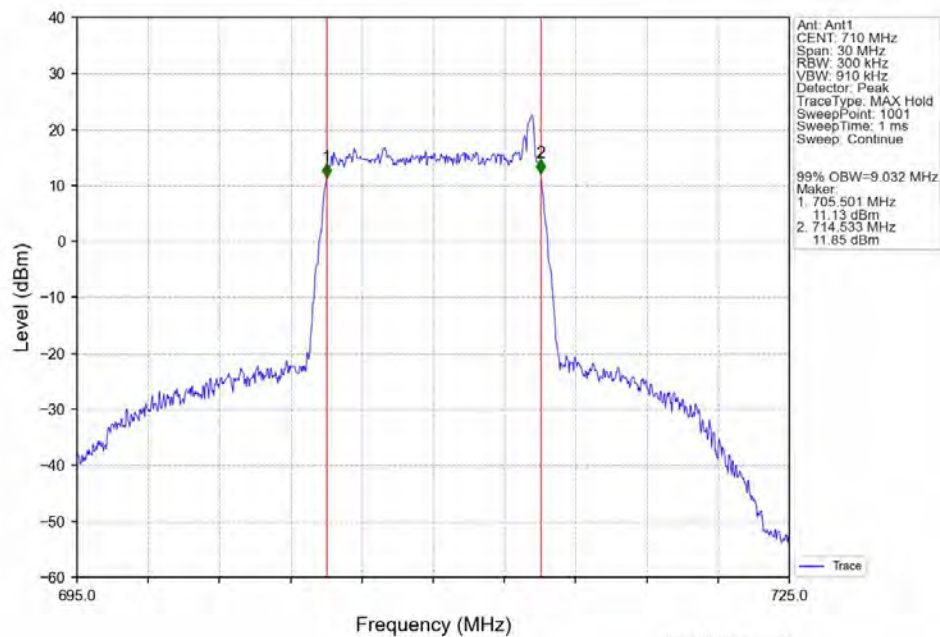
2024-08-05 11:02:58

Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



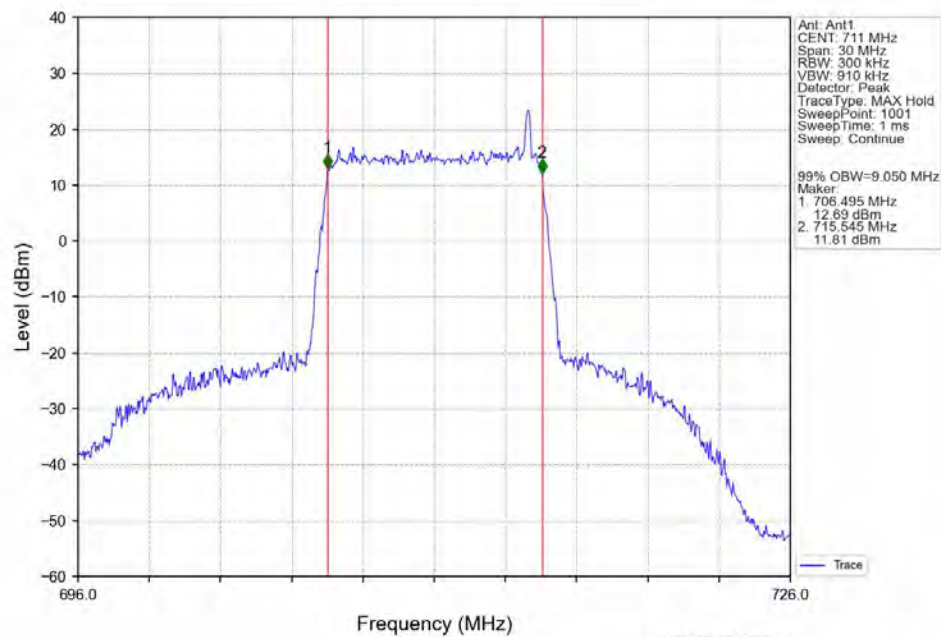
2024-08-05 11:03:36

Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV

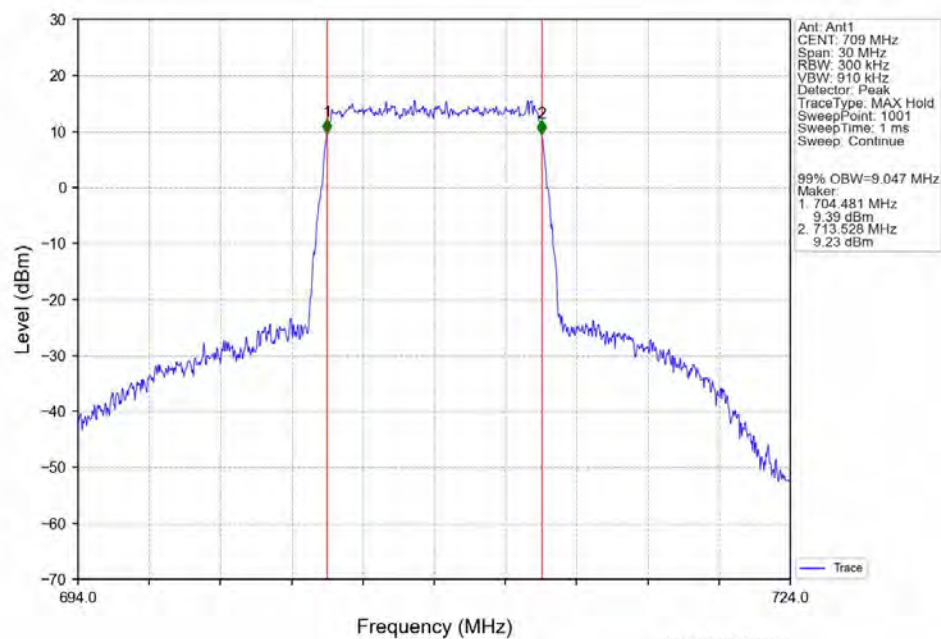


2024-08-05 11:03:55

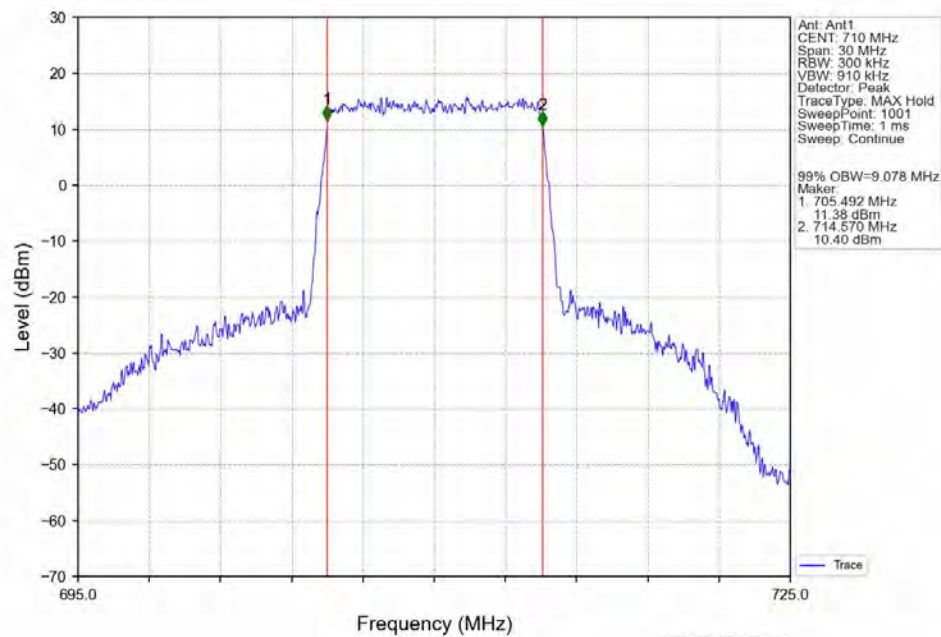
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



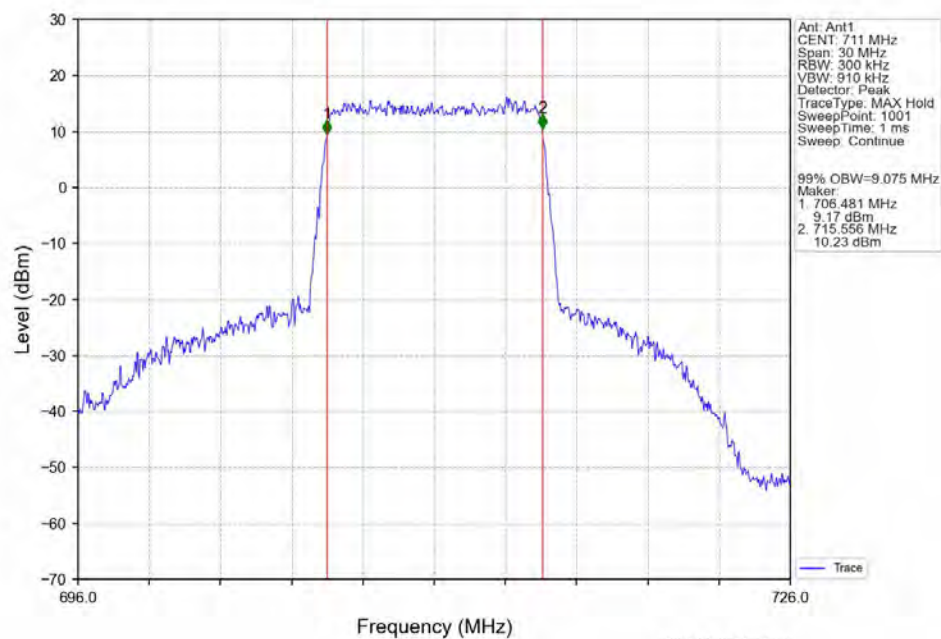
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



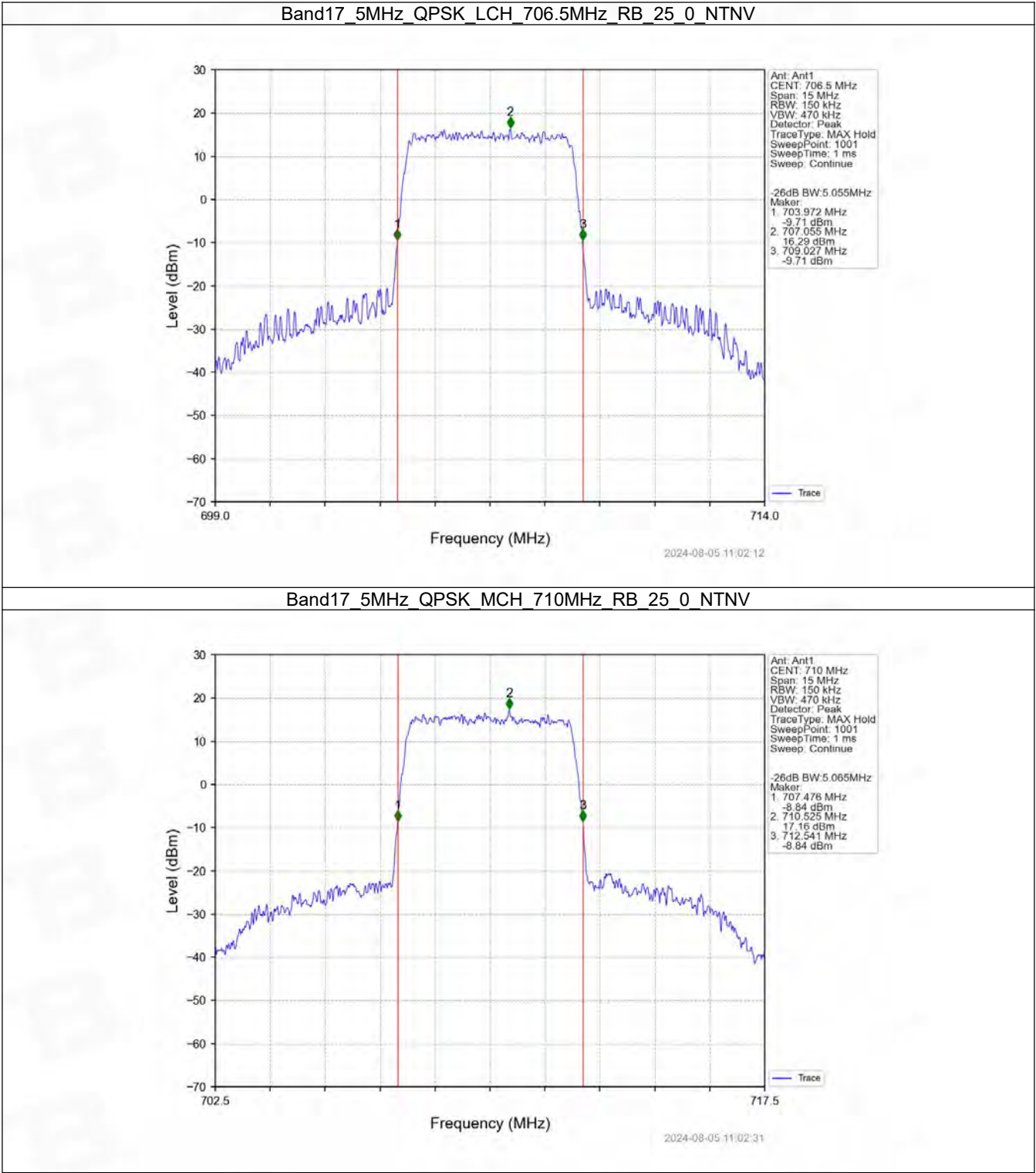
Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



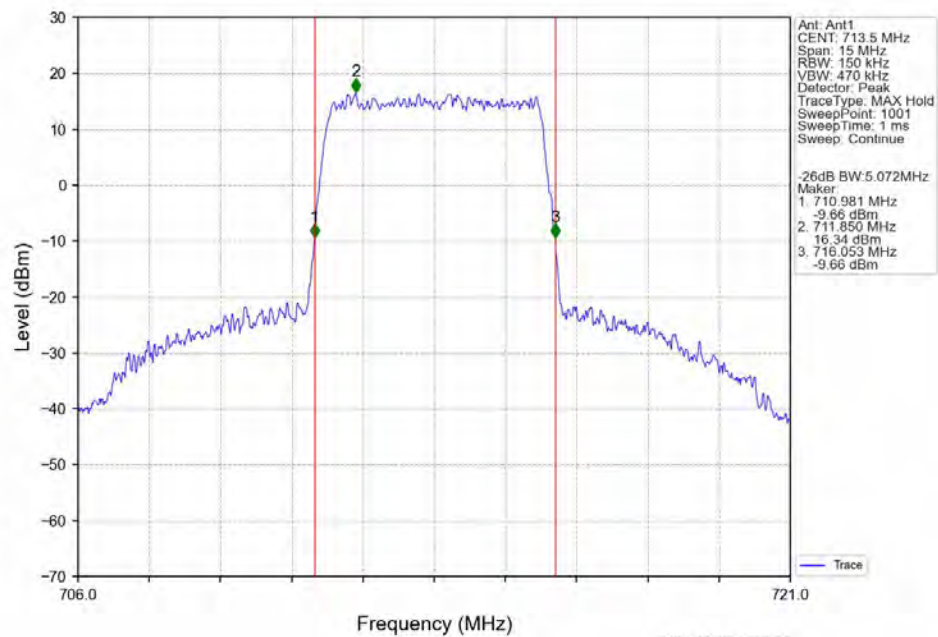
Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



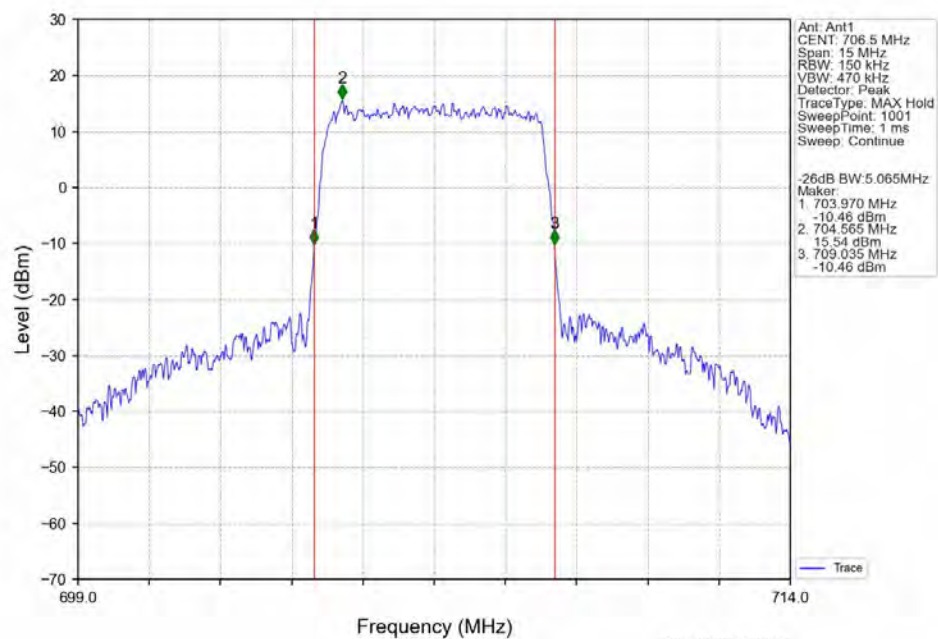
4.2.2 Band17_XDB



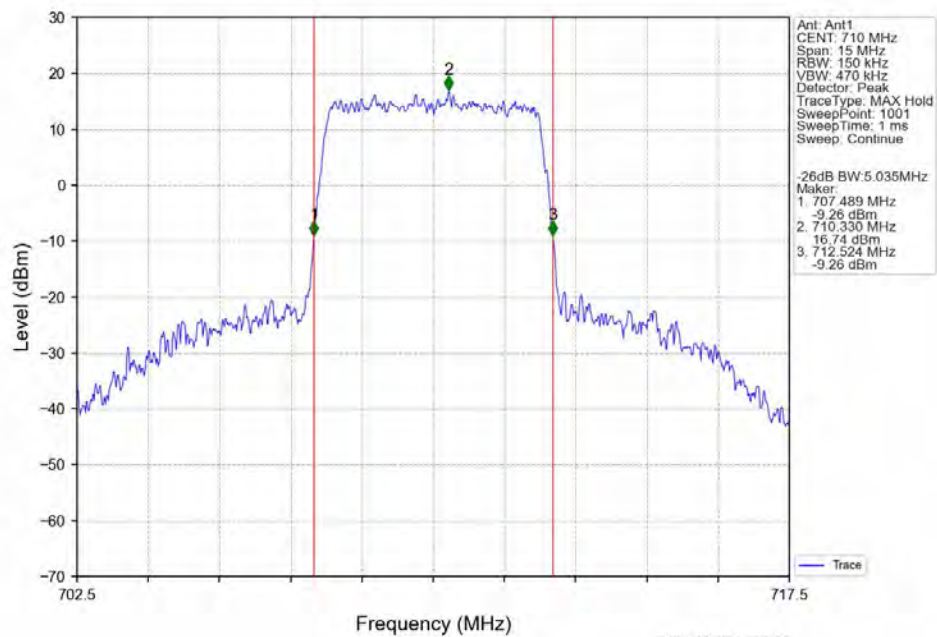
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



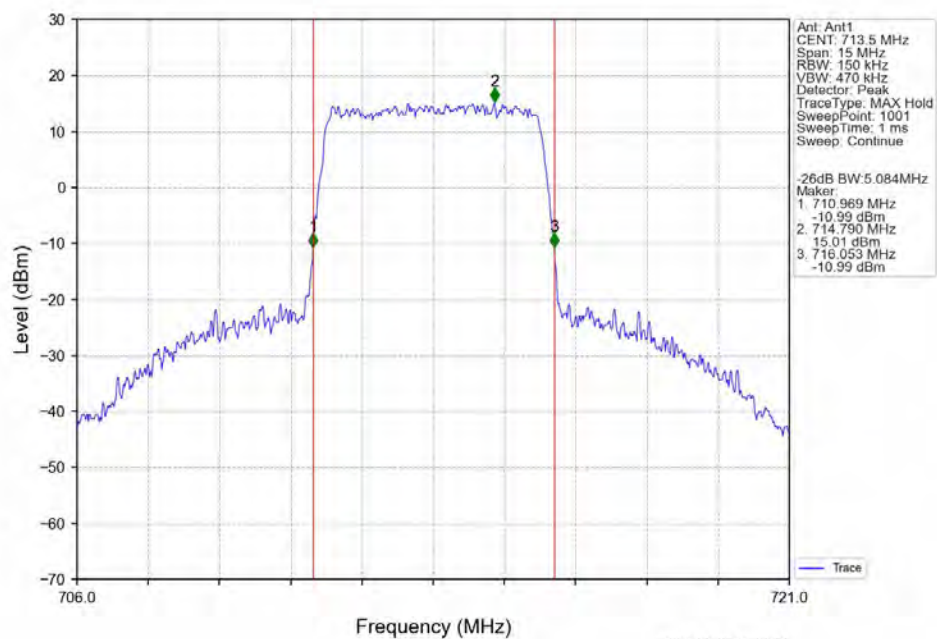
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



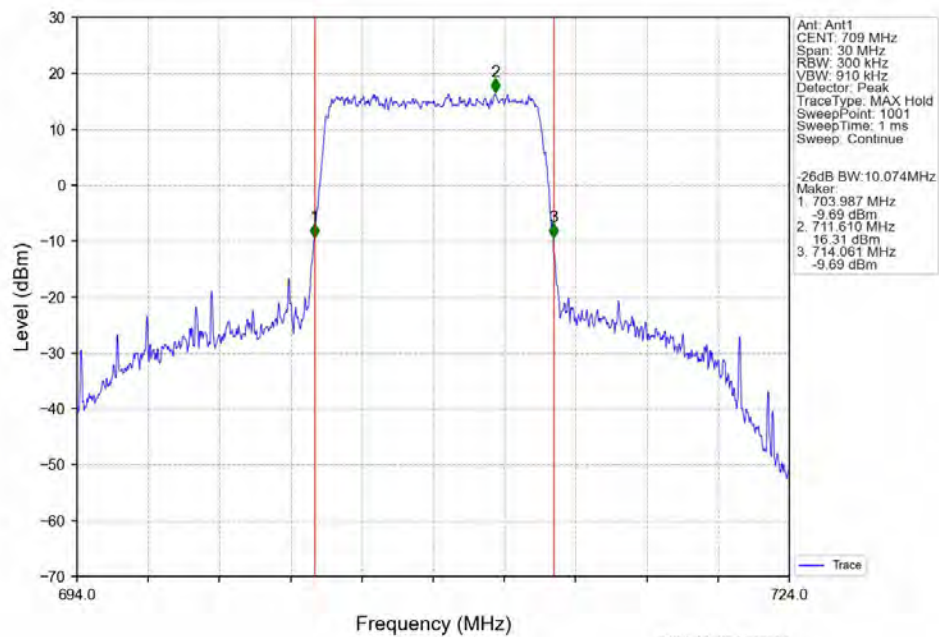
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



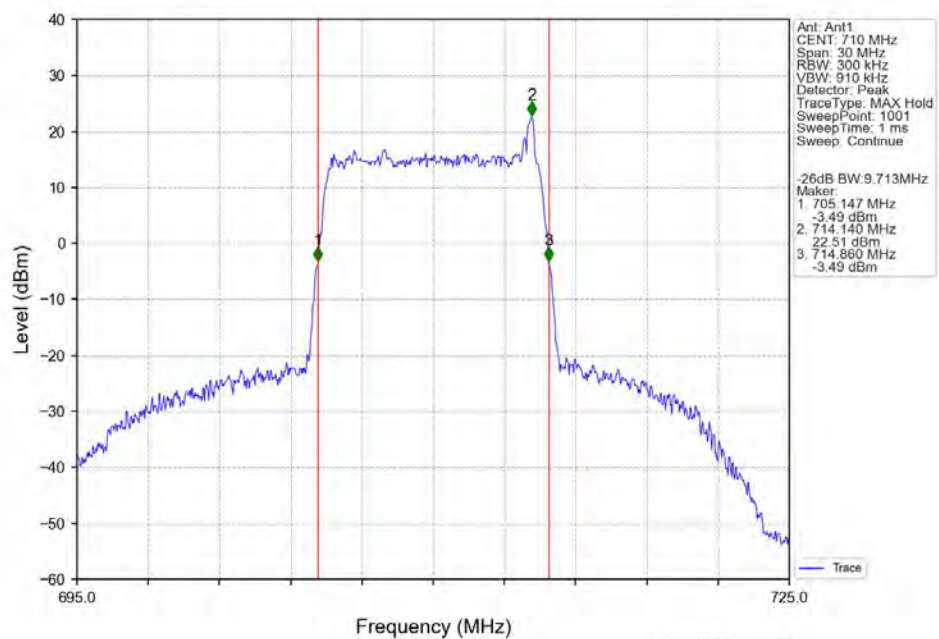
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



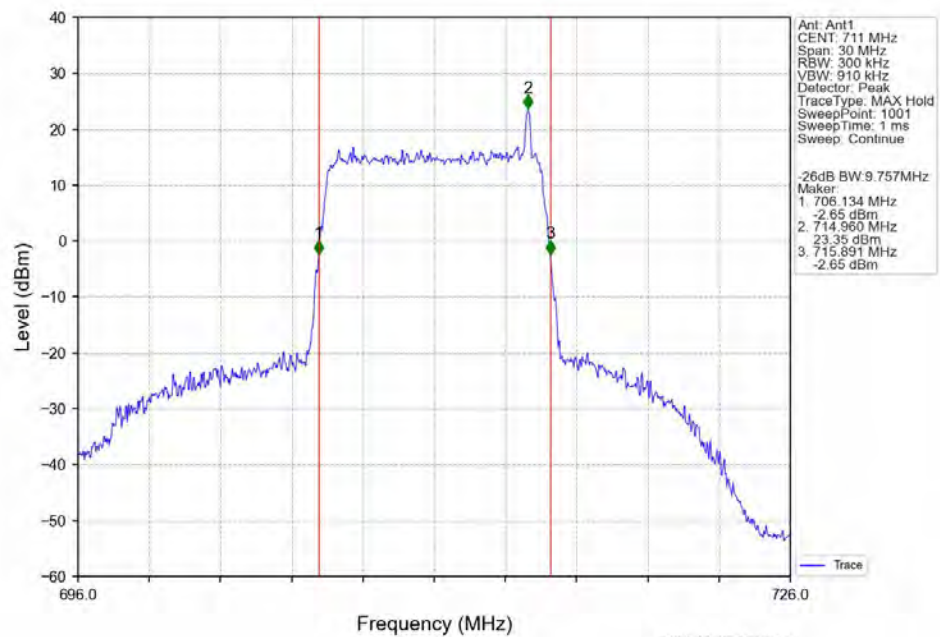
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



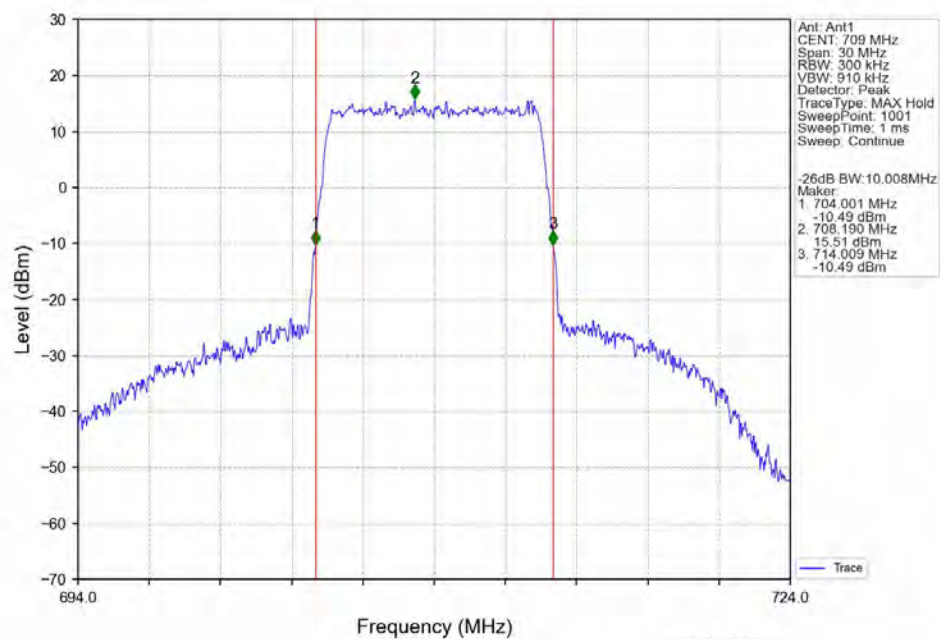
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



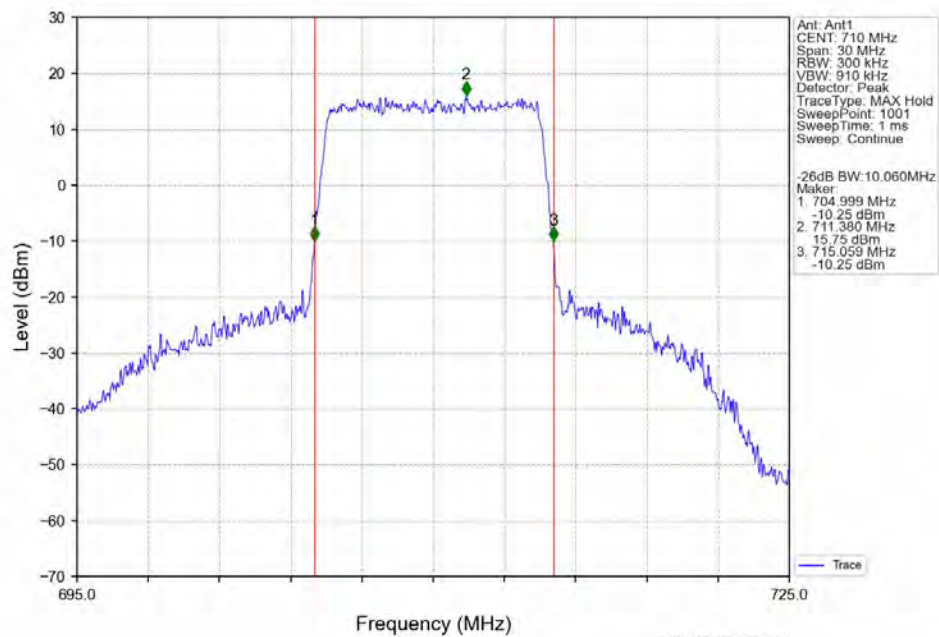
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



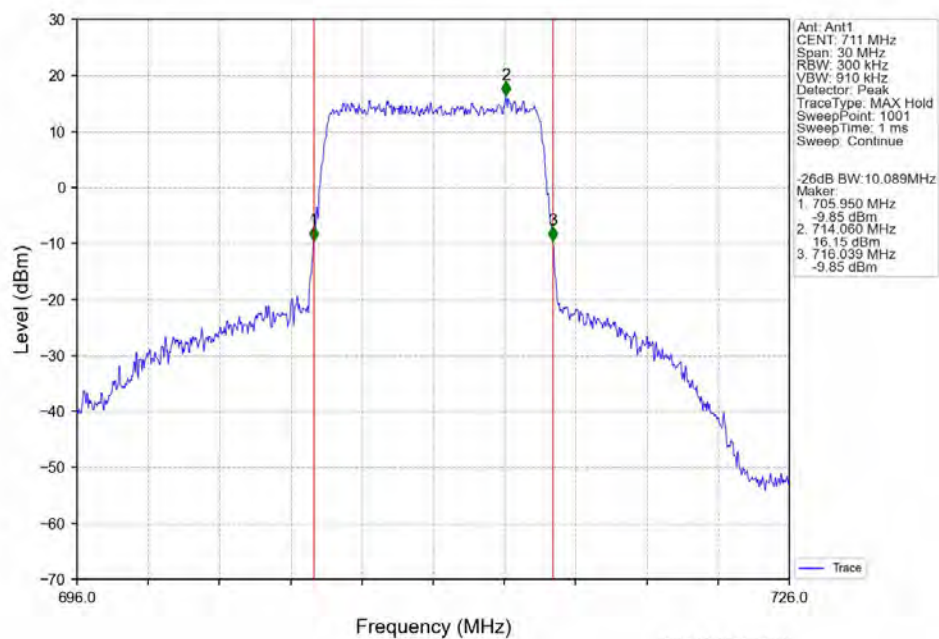
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B17_5MHz

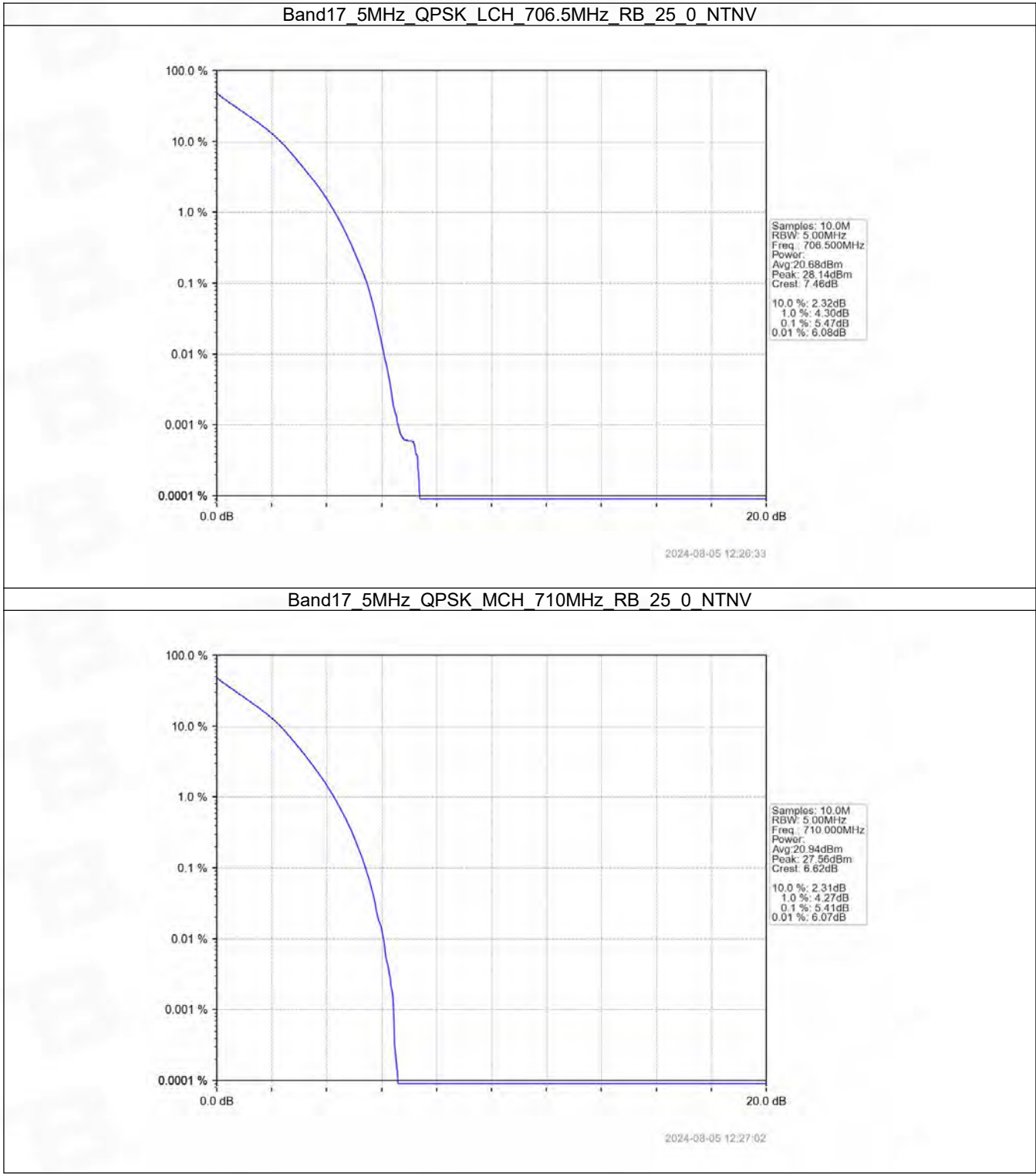
Band: 17 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	706.5	25	0	5.47	<=13	Pass
	710	25	0	5.41	<=13	Pass
	713.5	25	0	5.34	<=13	Pass
16QAM	706.5	25	0	6.15	<=13	Pass
	710	25	0	6.07	<=13	Pass
	713.5	25	0	6.10	<=13	Pass

5.1.2 B17_10MHz

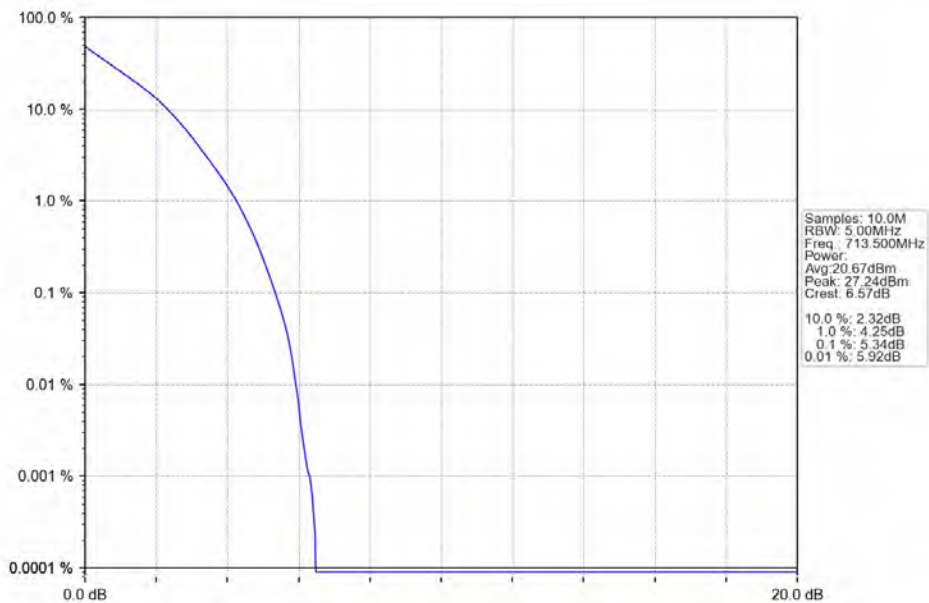
Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	709	50	0	5.48	<=13	Pass
	710	50	0	5.43	<=13	Pass
	711	50	0	5.44	<=13	Pass
16QAM	709	50	0	6.22	<=13	Pass
	710	50	0	6.14	<=13	Pass
	711	50	0	6.08	<=13	Pass

5.2 Test Graph

5.2.1 B17_5MHz

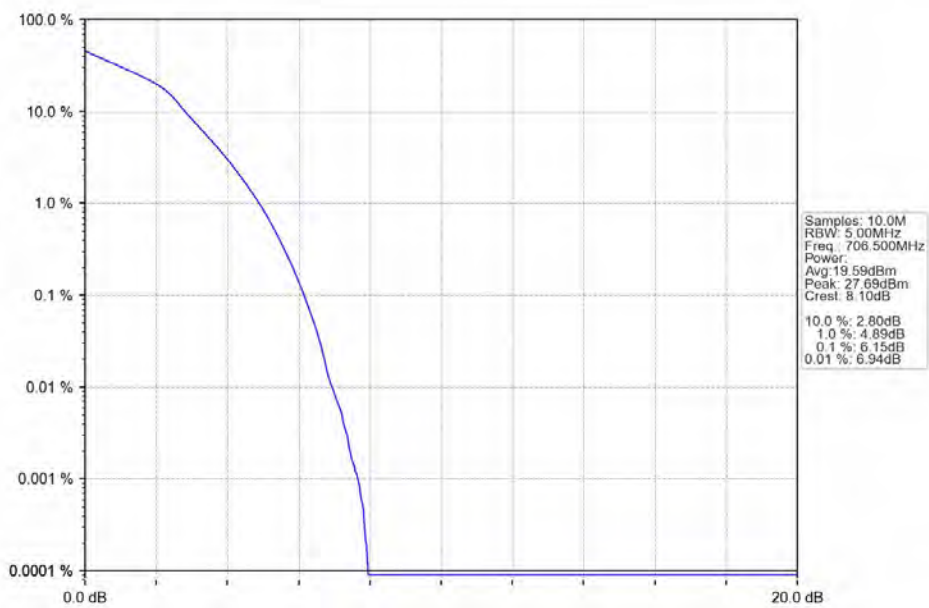


Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



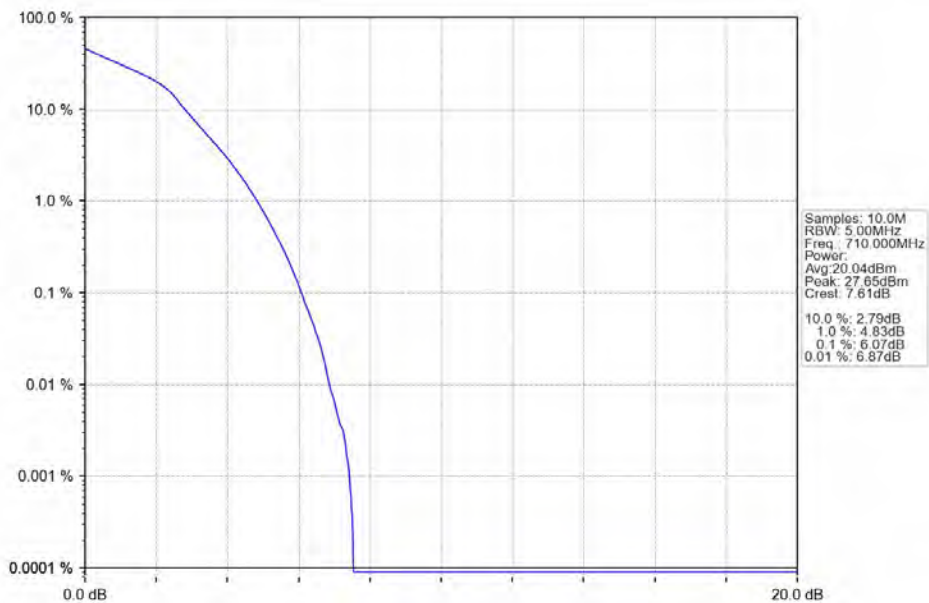
2024-08-05 12:27:28

Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



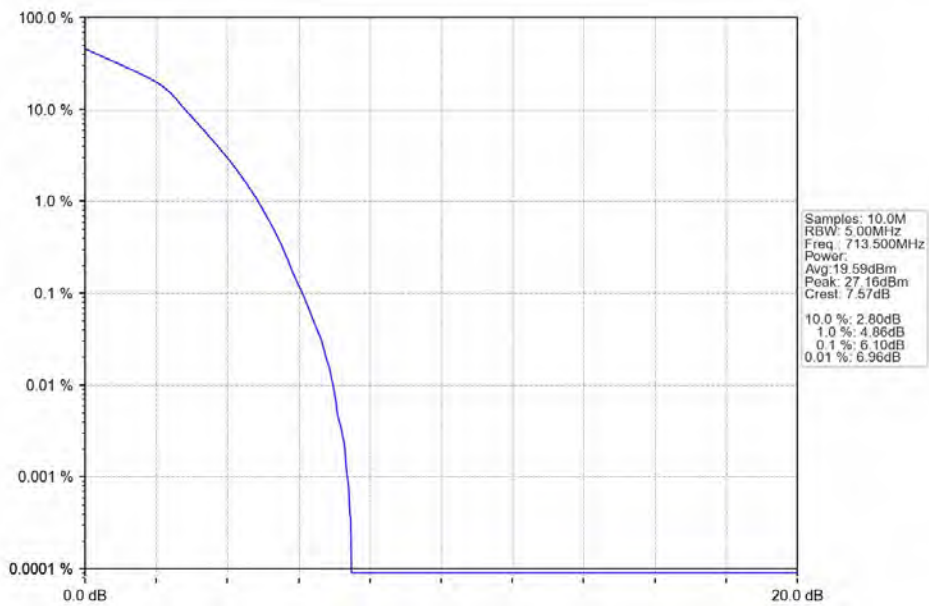
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Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



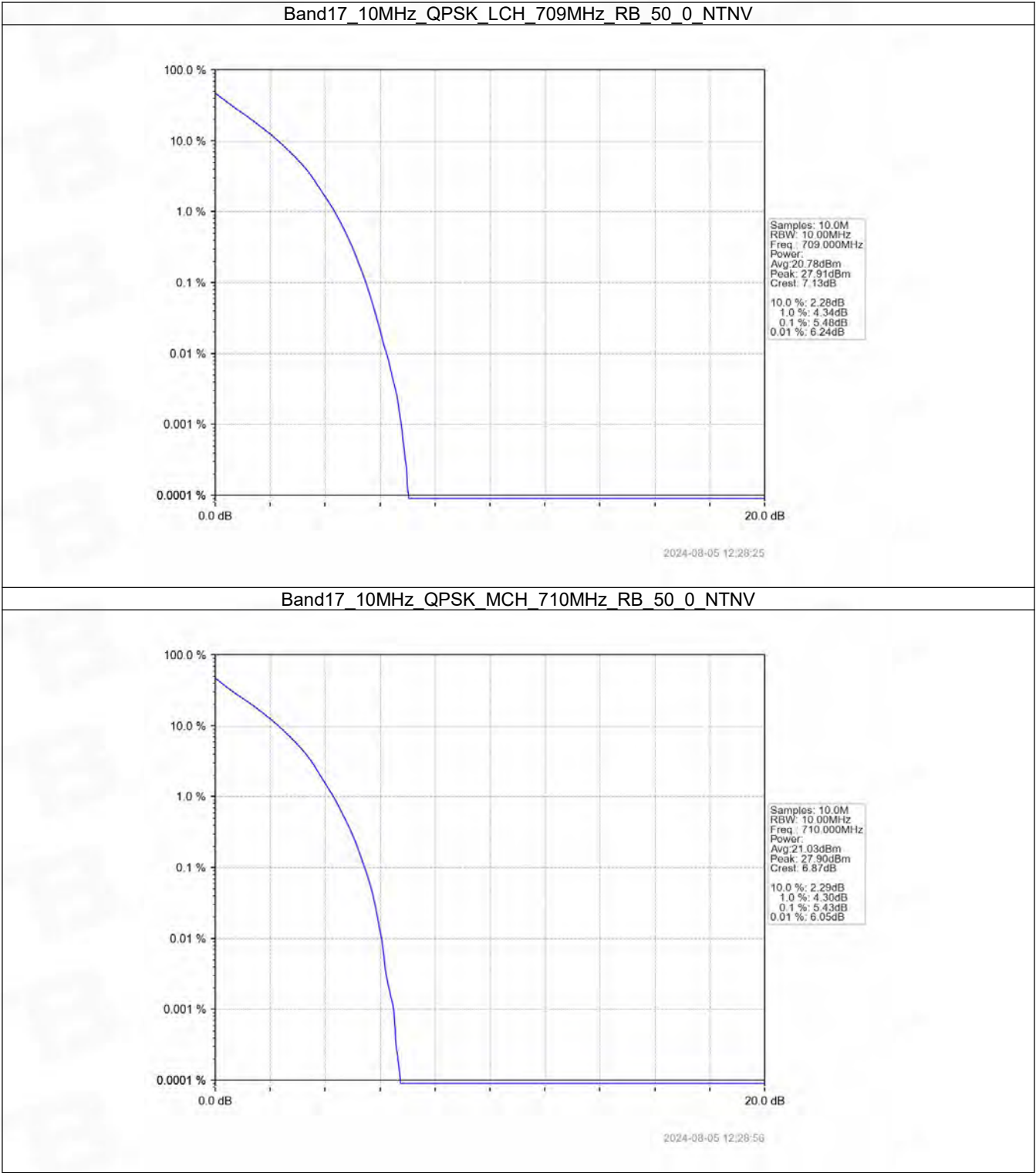
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Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV

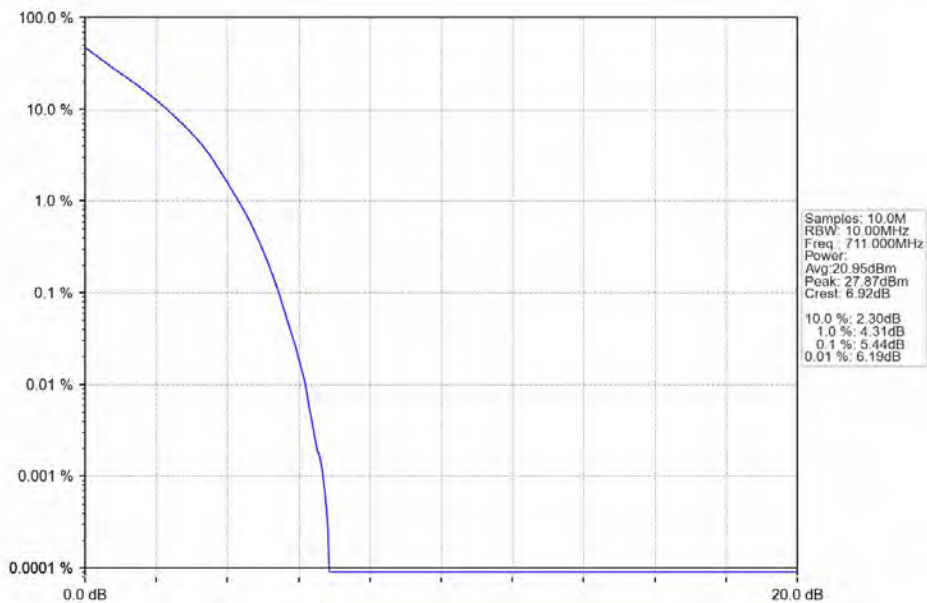


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5.2.2 B17_10MHz

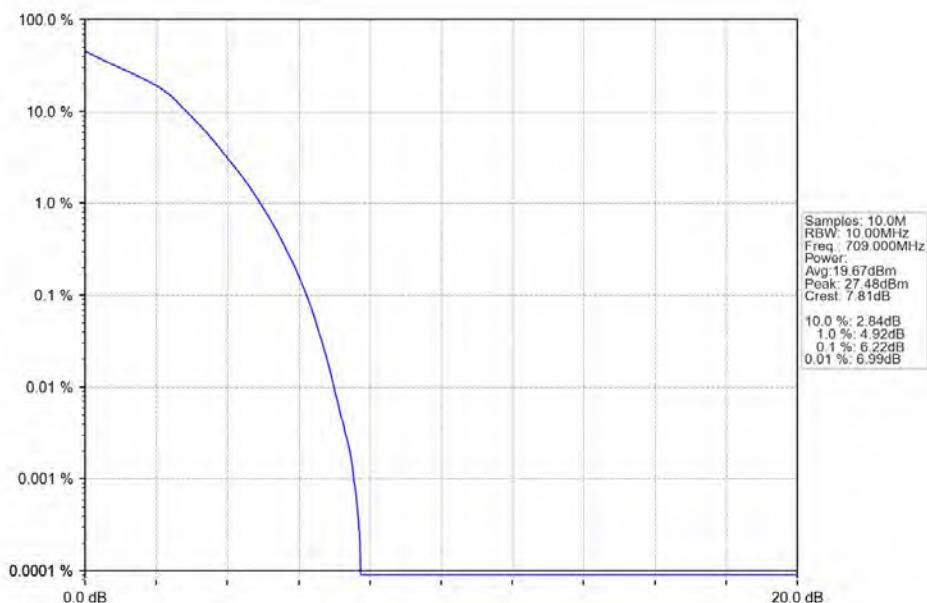


Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



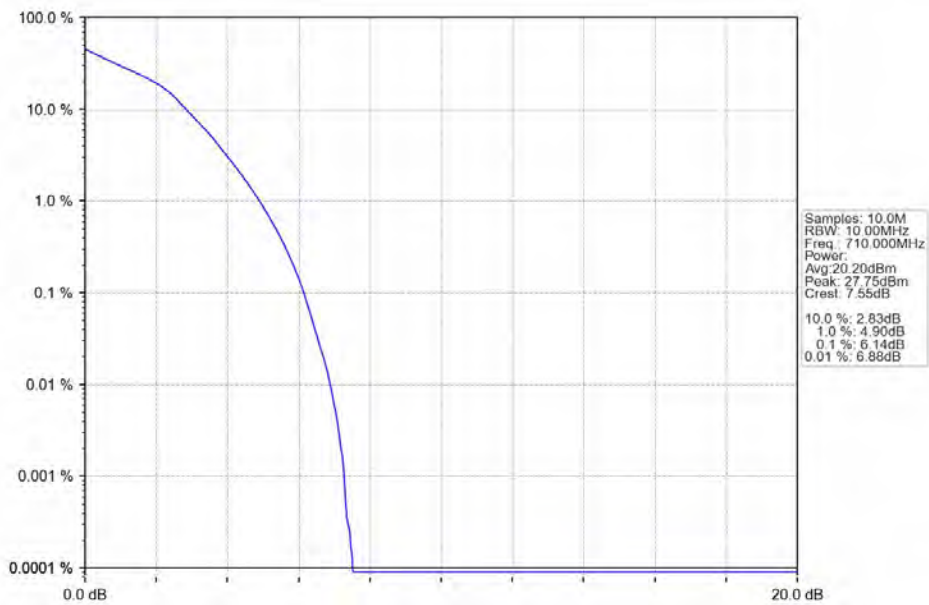
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Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



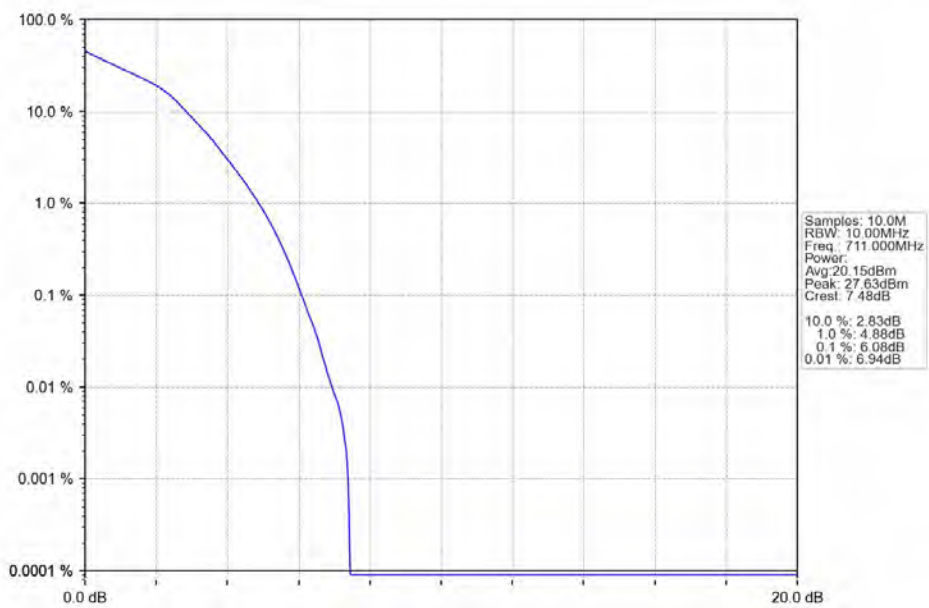
2024-08-05 12:28:39

Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



2024-08-05 12:29:11

Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



2024-08-05 12:29:42

6. Spurious Emission

6.1 Test Result

6.1.1 B17_5MHz

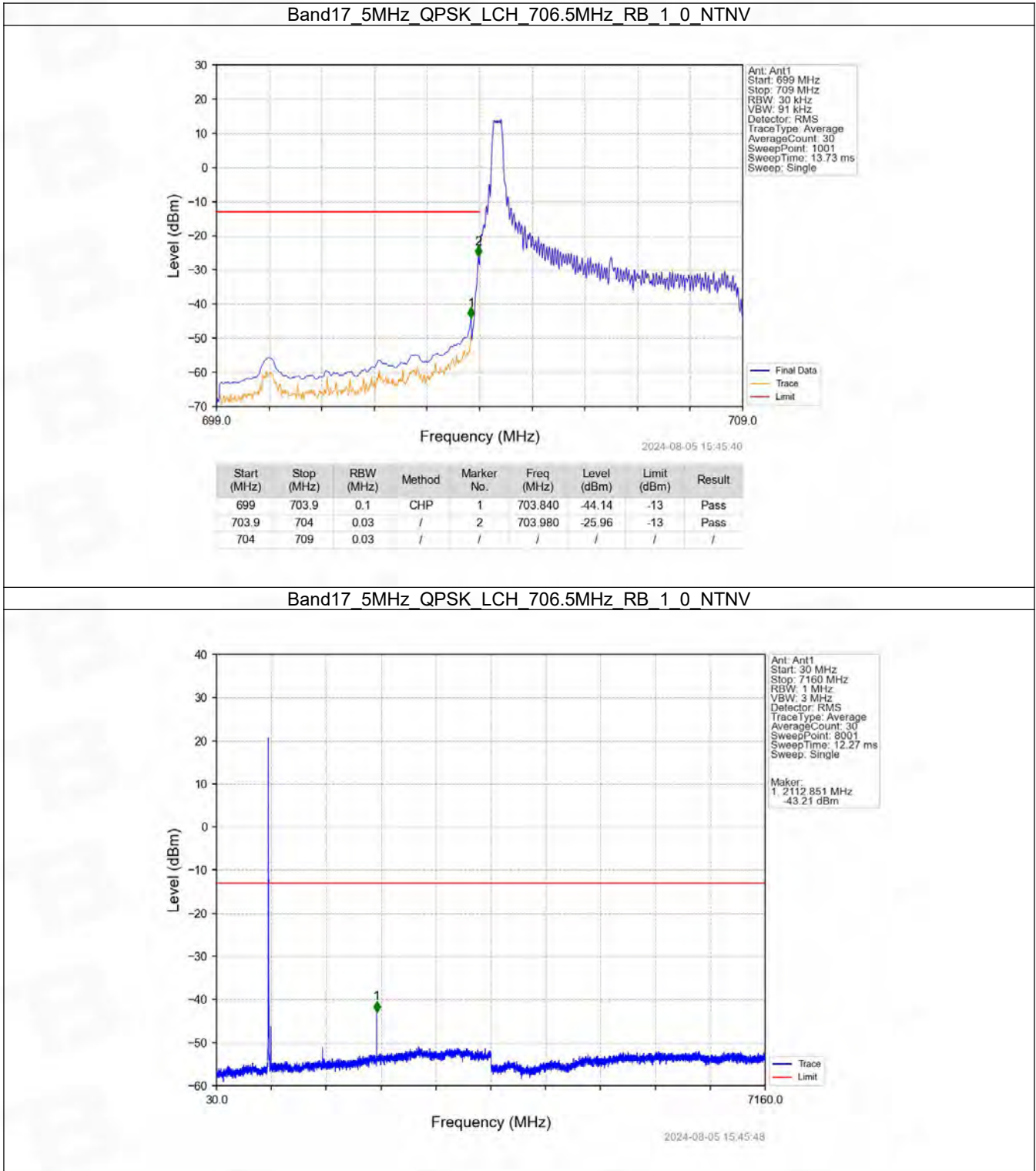
Band: 17 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	706.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	710	1	0	Refer To Test Graph		Pass
	713.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test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

6.1.2 B17_10MHz

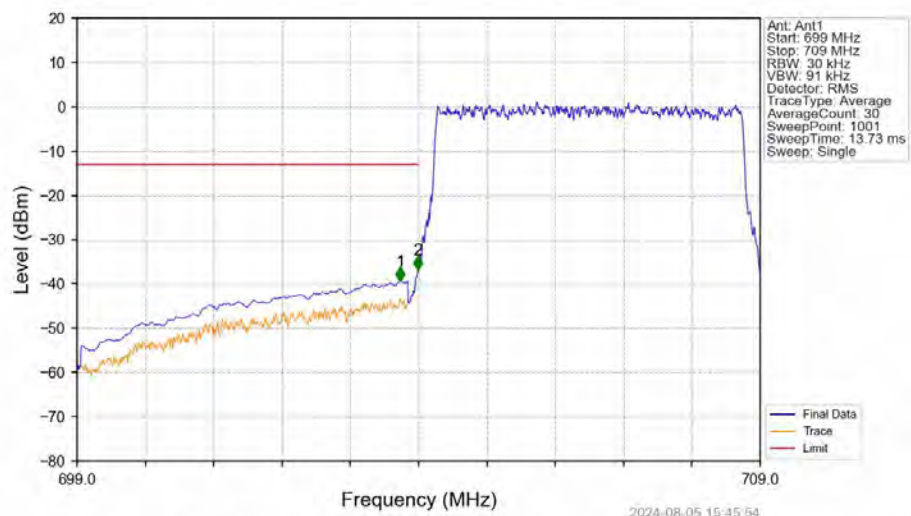
Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	709	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	710	1	0	Refer To Test Graph		Pass
	711	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph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

6.2 Test Graph

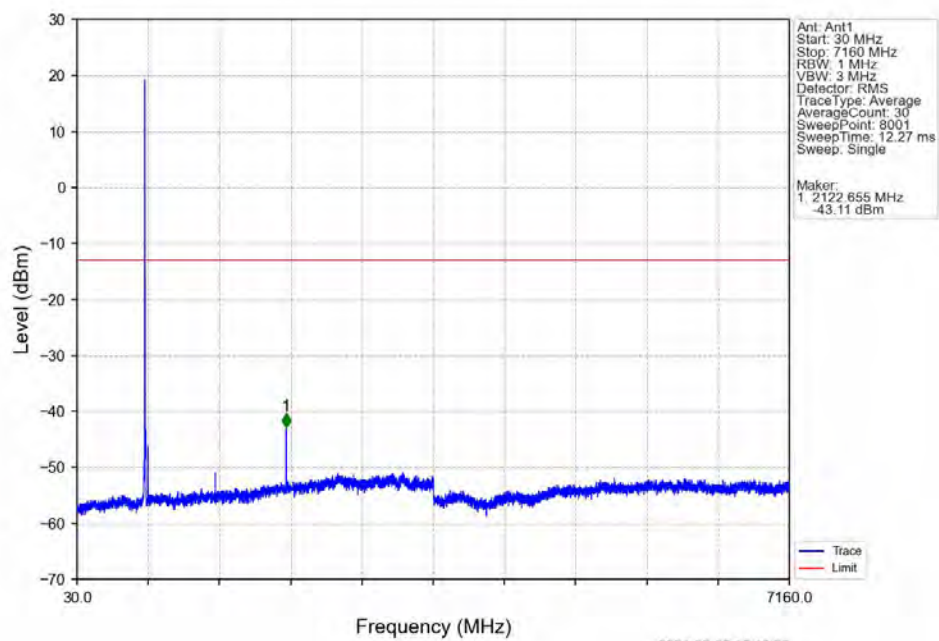
6.2.1 B17_5MHz



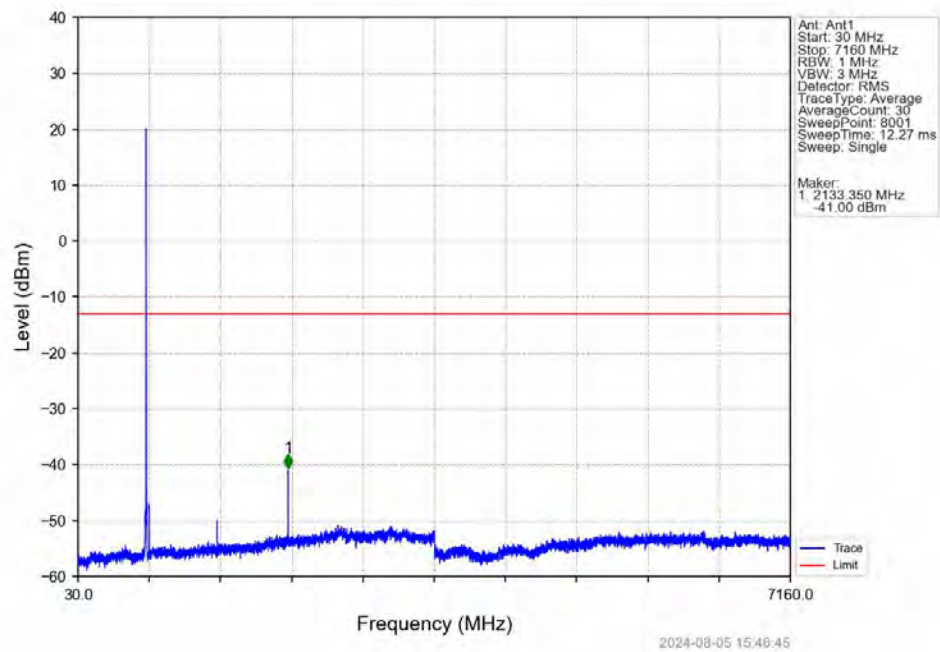
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



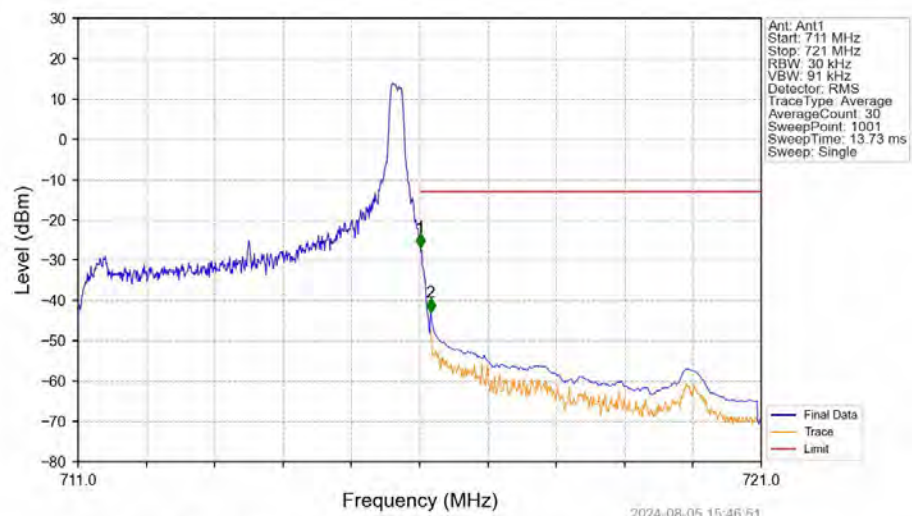
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV

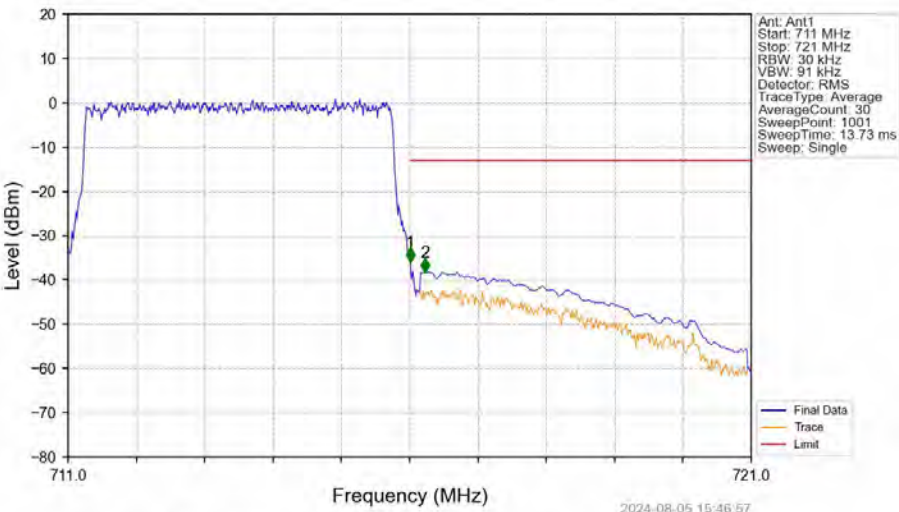


Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV

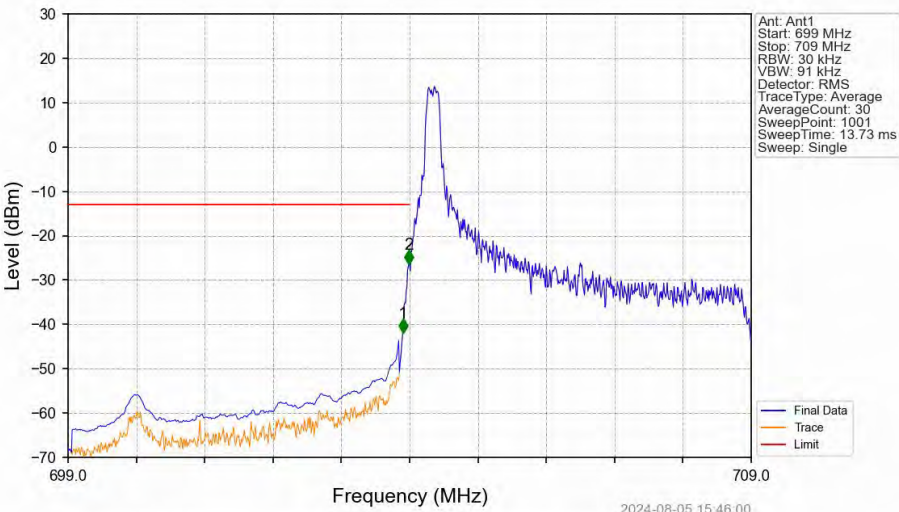


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-26.80	-13	Pass
716.1	721	0.1	CHP	2	716.160	-42.85	-13	Pass

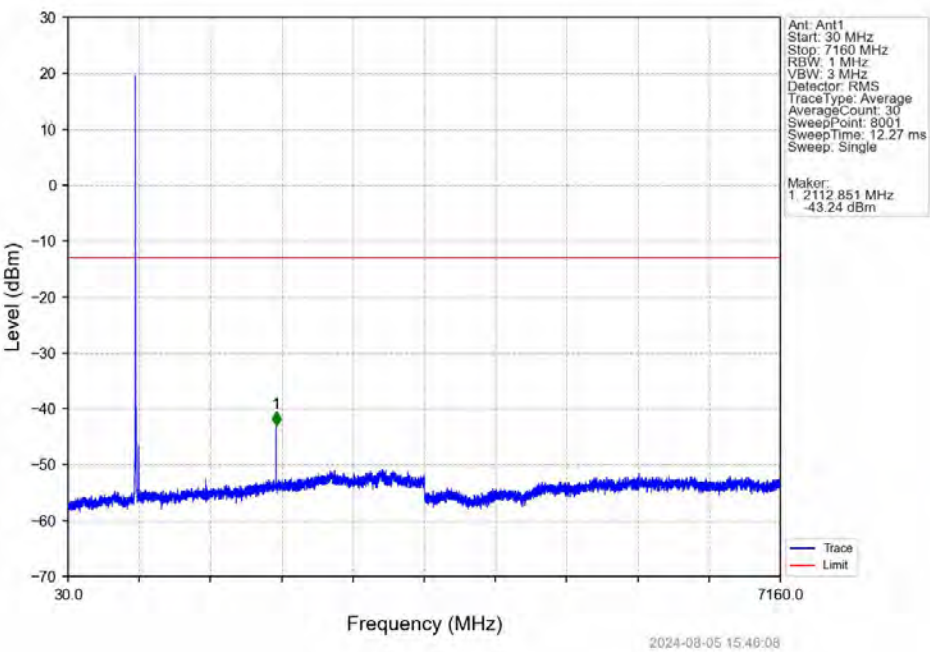
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



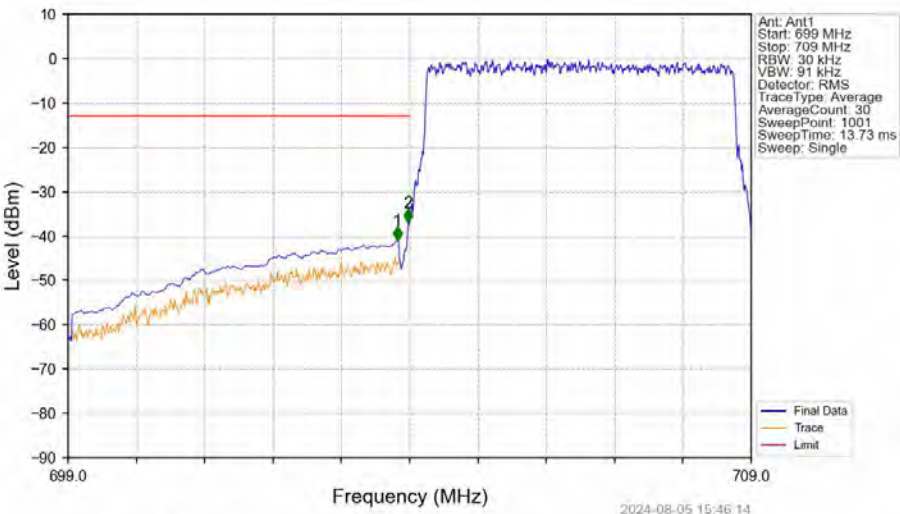
Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV



Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV

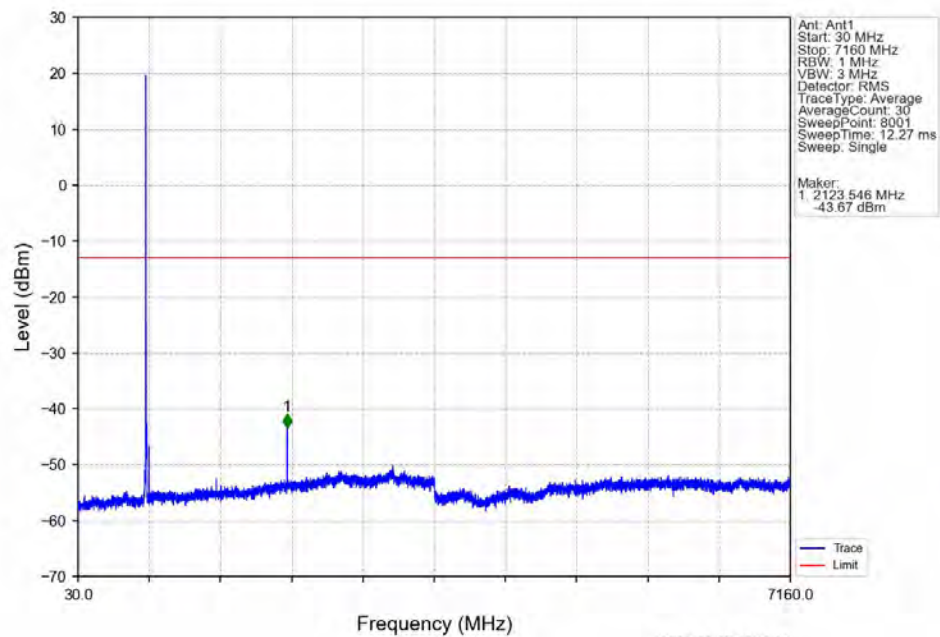


Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV

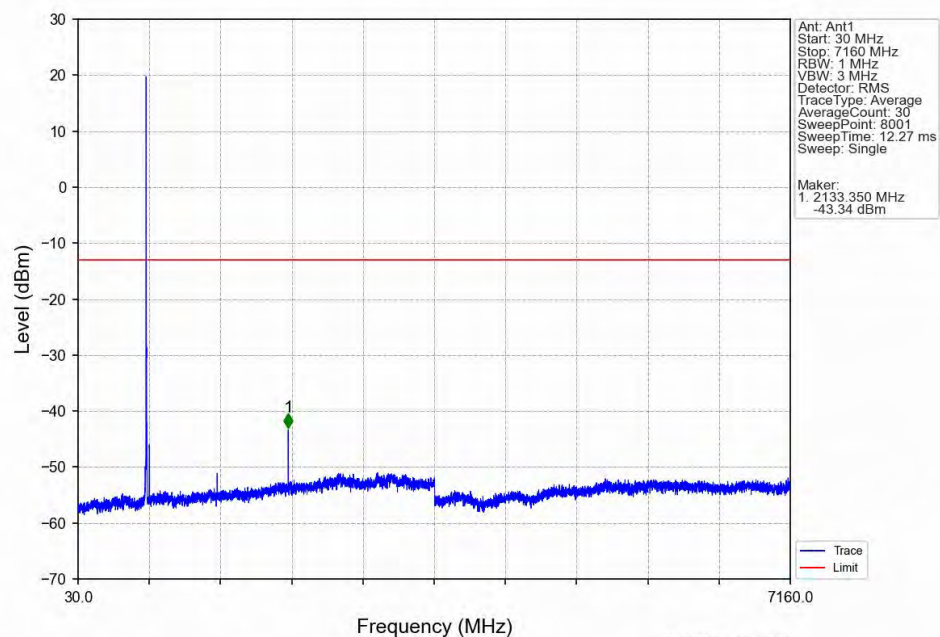


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.820	-41.01	-13	Pass
703.9	704	0.03	/	2	703.980	-36.93	-13	Pass
704	709	0.03	/	/	/	/	/	/

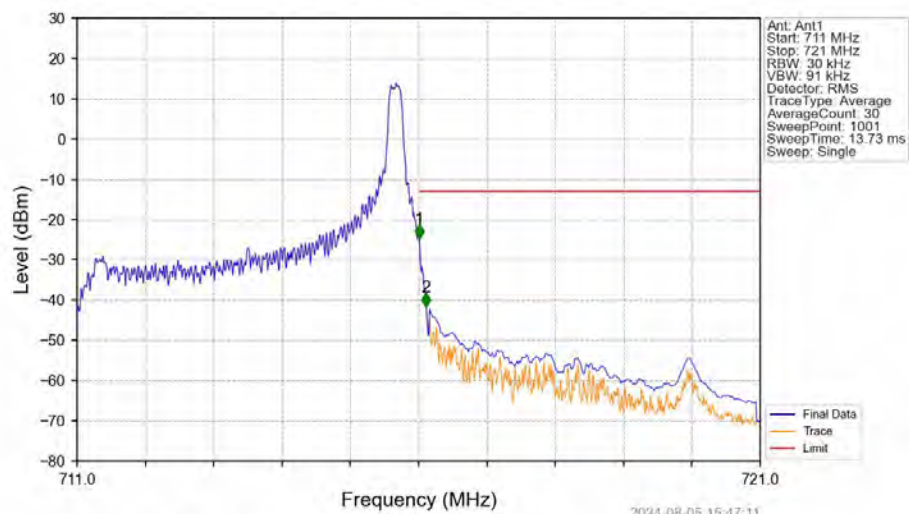
Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV

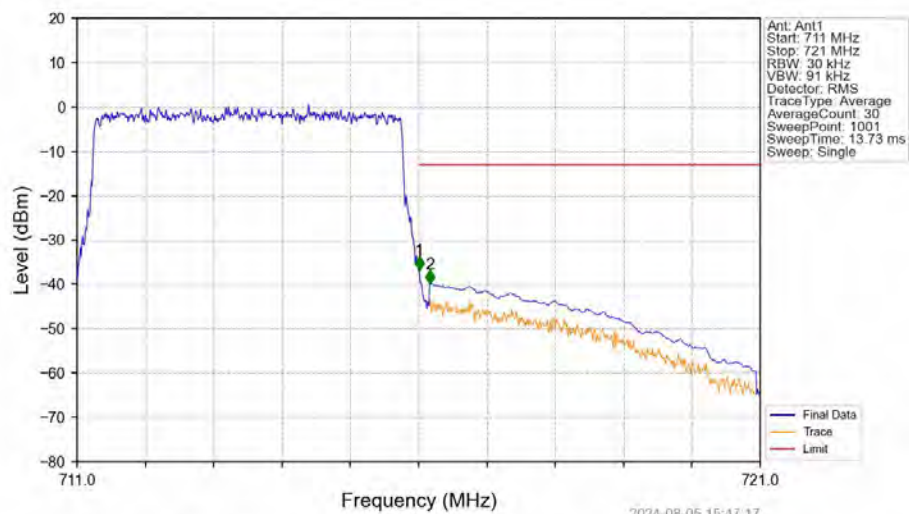


Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_24_NTNV



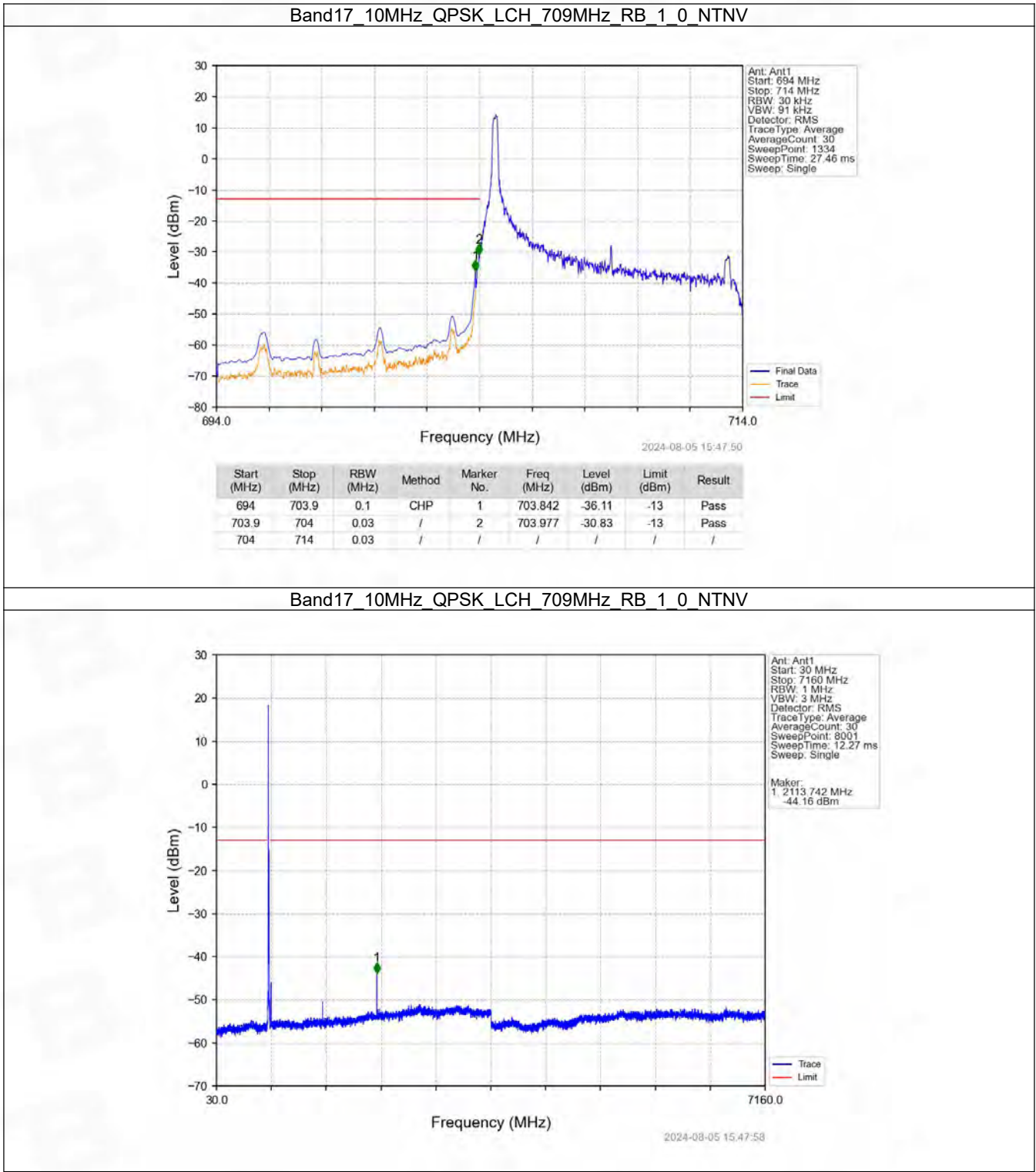
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-24.64	-13	Pass
716.1	721	0.1	CHP	2	716.110	-41.62	-13	Pass

Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV

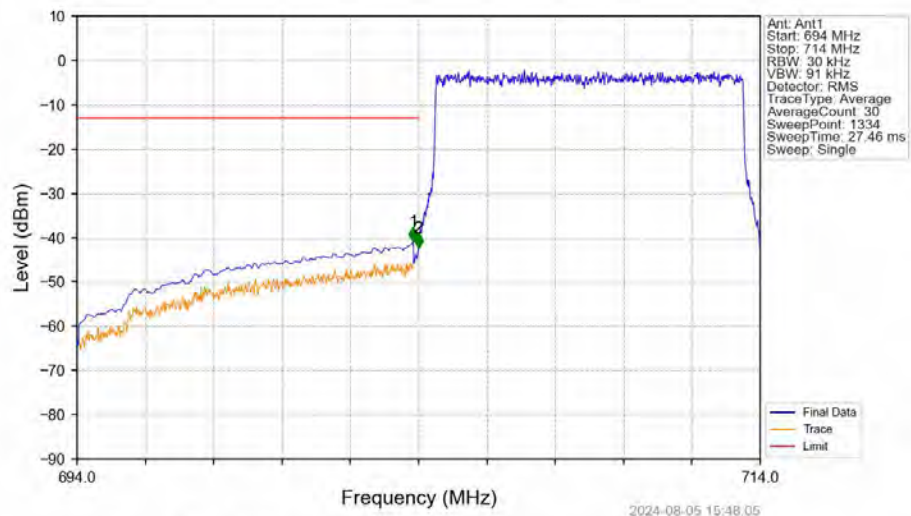


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-36.85	-13	Pass
716.1	721	0.1	CHP	2	716.170	-39.89	-13	Pass

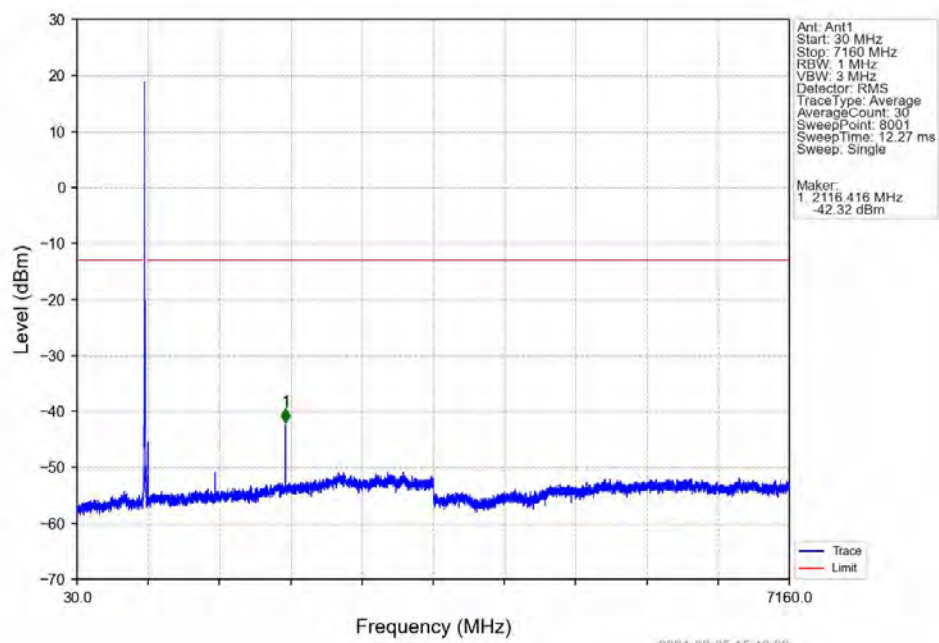
6.2.2 B17_10MHz



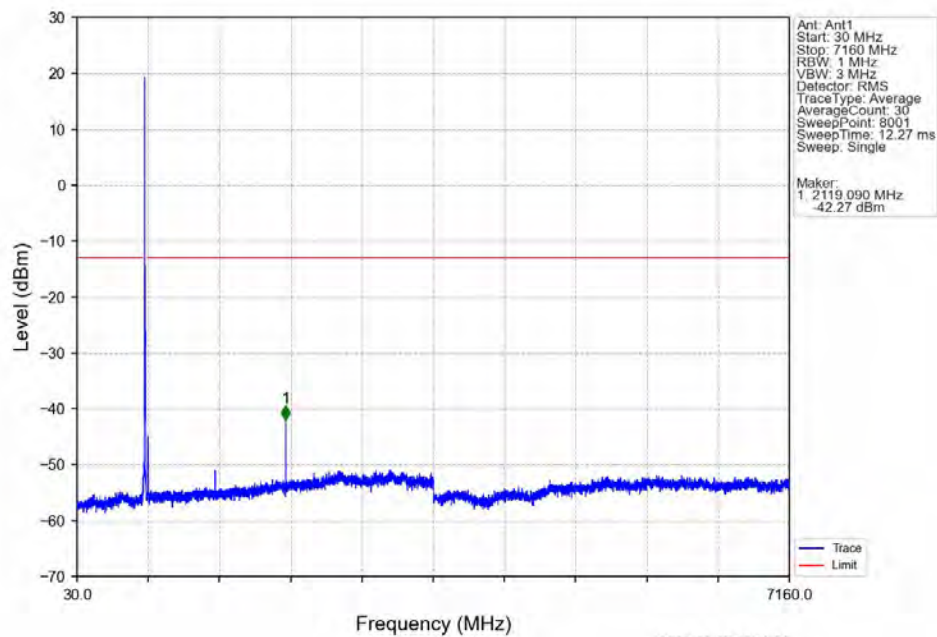
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



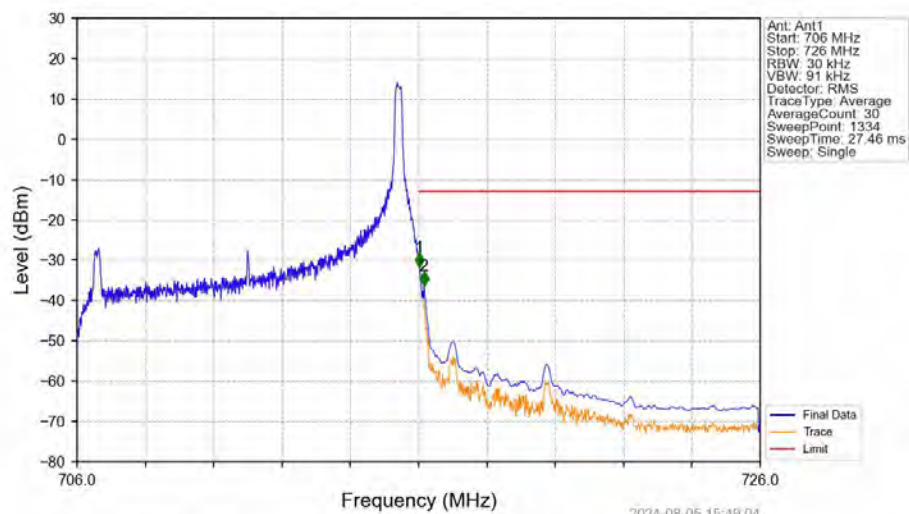
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV

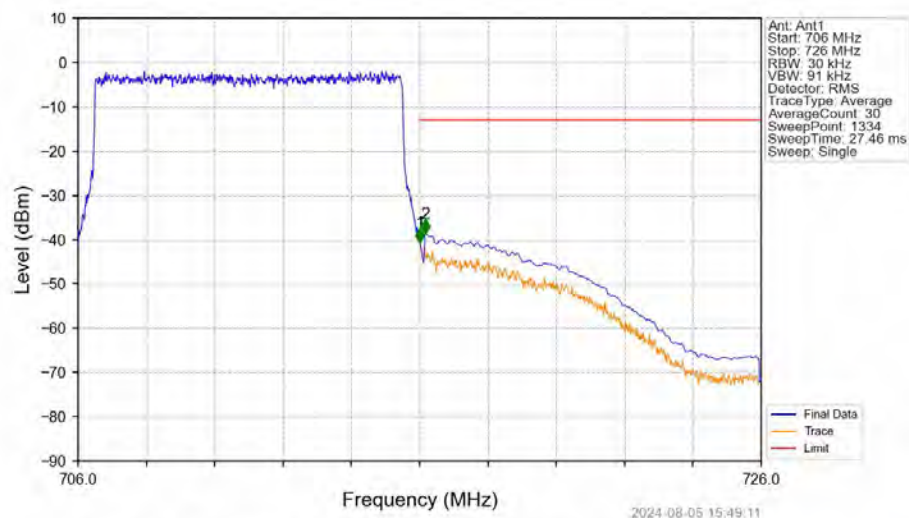


Band17_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV



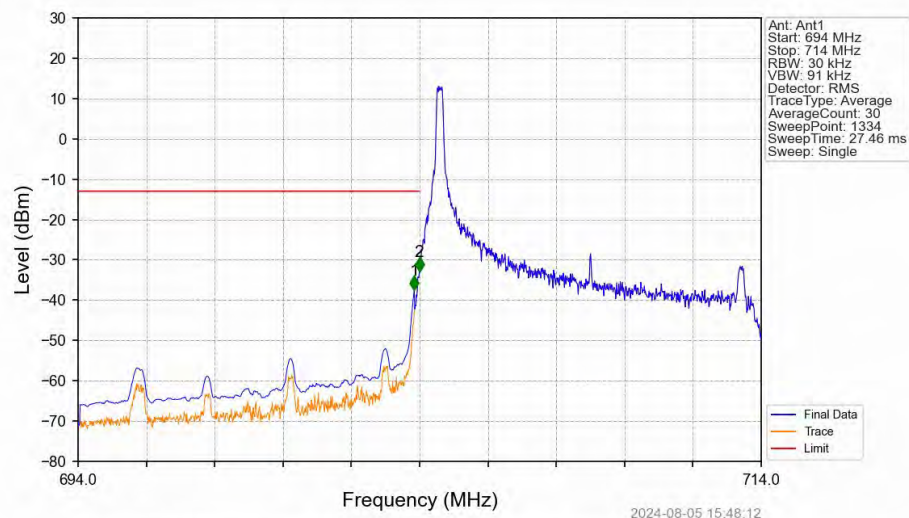
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.023	-31.75	-13	Pass
716.1	726	0.1	CHP	2	716.158	-36.29	-13	Pass

Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



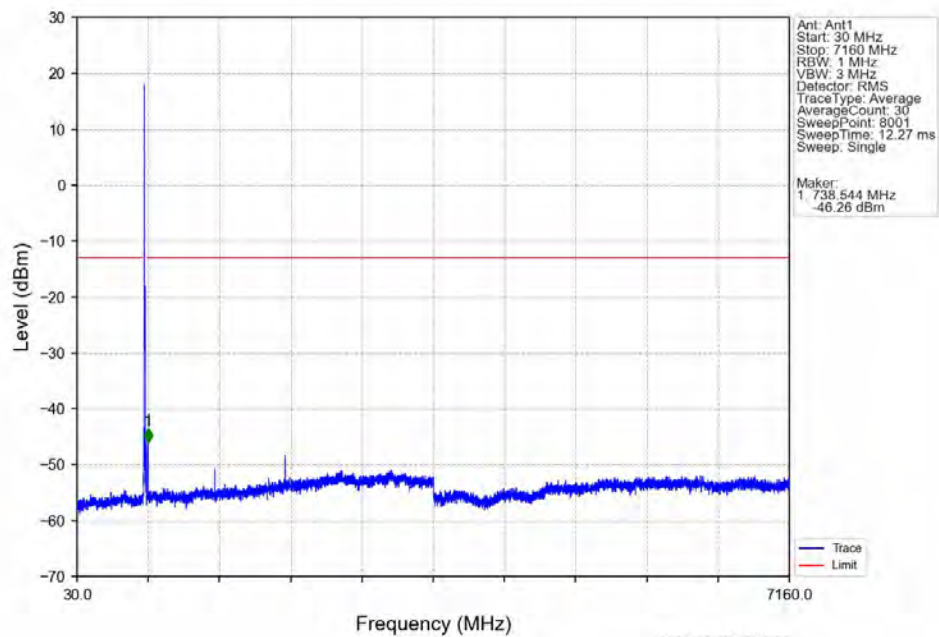
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-40.53	-13	Pass
716.1	726	0.1	CHP	2	716.173	-38.55	-13	Pass

Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV

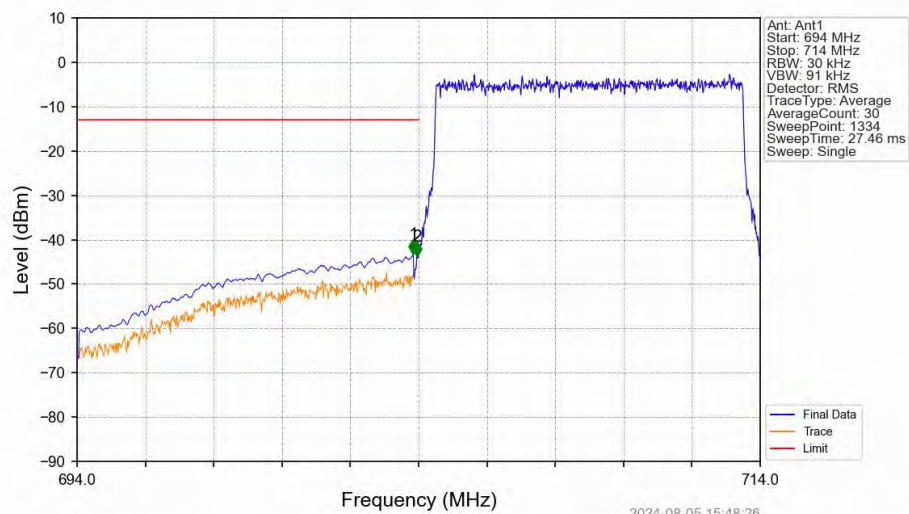


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-37.45	-13	Pass
703.9	704	0.03	/	2	703.992	-32.87	-13	Pass
704	714	0.03	/	/	/	/	/	/

Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV

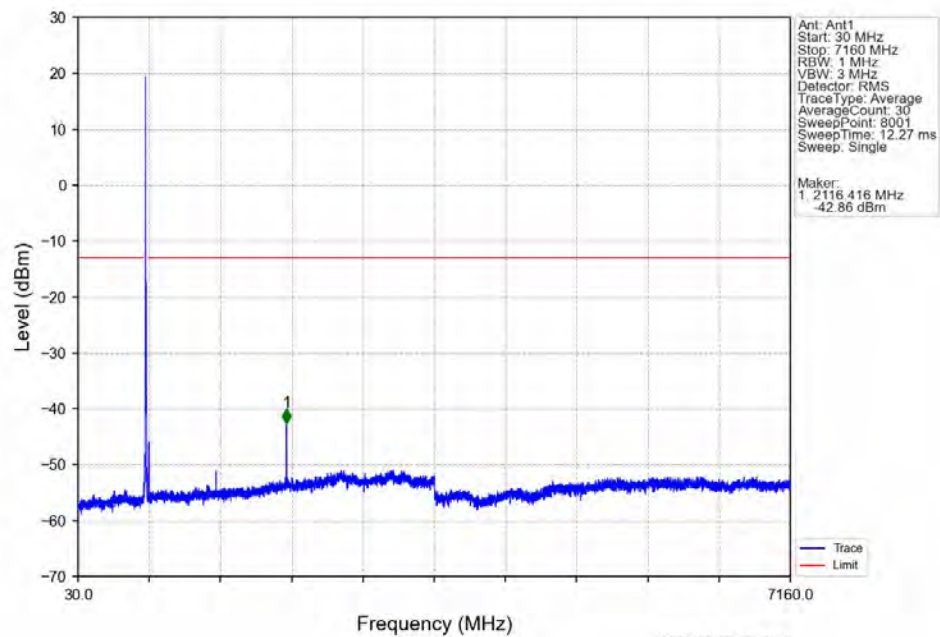


Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV

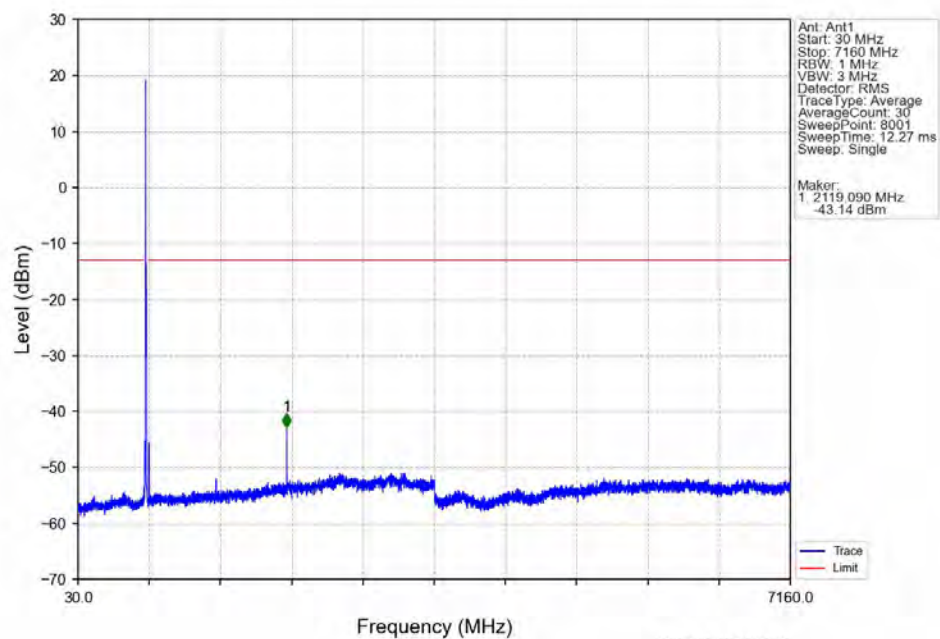


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-43.19	-13	Pass
703.9	704	0.03	/	2	703.947	-43.64	-13	Pass
704	714	0.03	/	/	/	/	/	/

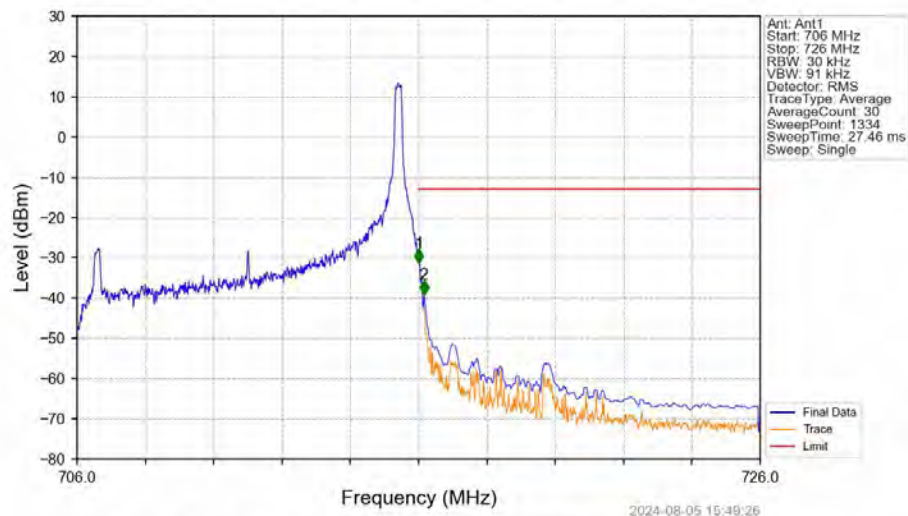
Band17_10MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV

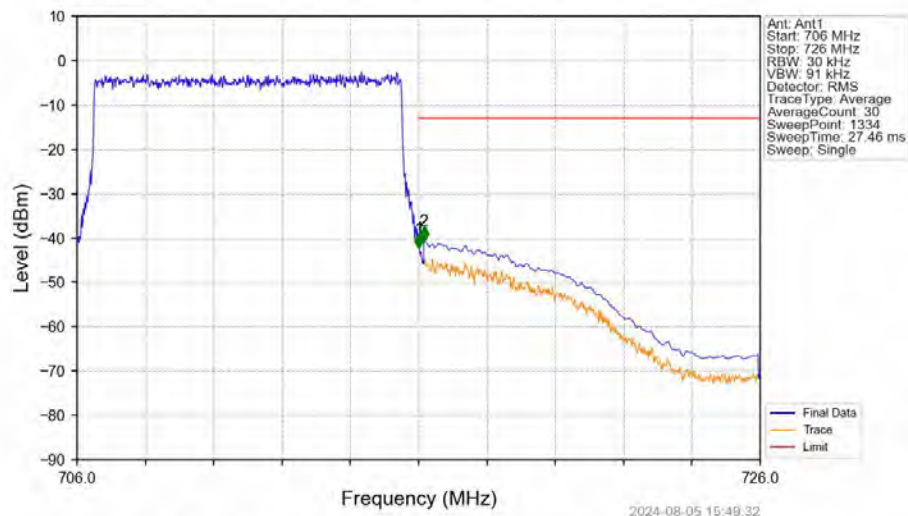


Band17_10MHz_16QAM_HCH_711MHz_RB_1_49_NTNV



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	-31.31	-13	Pass
716.1	726	0.1	CHP	2	716.158	-39.01	-13	Pass

Band17_10MHz_16QAM_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	-42.30	-13	Pass
716.1	726	0.1	CHP	2	716.158	-40.65	-13	Pass

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	0.1403	0.0650	ppm	4M55G7D	27H	21.47
17	5	706.5	713.5	0.1225	0.0642	ppm	4M57W7D	27H	20.88
17	10	709	711	0.1409	0.0627	ppm	9M09G7D	27H	21.49
17	10	709	711	0.1334	0.0371	ppm	9M08W7D	27H	21.25

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	0.0652	0.0650	ppm	4M55G7D	27H	18.14
17	5	706.5	713.5	0.0569	0.0642	ppm	4M57W7D	27H	17.55
17	10	709	711	0.0655	0.0627	ppm	9M09G7D	27H	18.16
17	10	709	711	0.0619	0.0371	ppm	9M08W7D	27H	17.92