



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	23.86	-0.63	21.08	<=34.77	Pass		
			13	23.81	-0.63	21.03	<=34.77	Pass		
			24	23.71	-0.63	20.93	<=34.77	Pass		
		12	0	22.83	-0.63	20.05	<=34.77	Pass		
			6	22.88	-0.63	20.10	<=34.77	Pass		
			13	22.88	-0.63	20.10	<=34.77	Pass		
		25	0	22.88	-0.63	20.10	<=34.77	Pass		
		710	1	0	23.65	-0.63	20.87	<=34.77	Pass	
				13	23.77	-0.63	20.99	<=34.77	Pass	
	24			23.69	-0.63	20.91	<=34.77	Pass		
	12		0	22.77	-0.63	19.99	<=34.77	Pass		
			6	22.82	-0.63	20.04	<=34.77	Pass		
			13	22.75	-0.63	19.97	<=34.77	Pass		
	25	0	22.72	-0.63	19.94	<=34.77	Pass			
	713.5	1	0	23.65	-0.63	20.87	<=34.77	Pass		
			13	23.85	-0.63	21.07	<=34.77	Pass		
			24	23.75	-0.63	20.97	<=34.77	Pass		
		12	0	22.86	-0.63	20.08	<=34.77	Pass		
			6	22.83	-0.63	20.05	<=34.77	Pass		
			13	22.75	-0.63	19.97	<=34.77	Pass		
		25	0	22.80	-0.63	20.02	<=34.77	Pass		
		16QAM	706.5	1	0	22.98	-0.63	20.20	<=34.77	Pass
					13	23.09	-0.63	20.31	<=34.77	Pass
	24				22.96	-0.63	20.18	<=34.77	Pass	
12	0			21.84	-0.63	19.06	<=34.77	Pass		
	6			21.89	-0.63	19.11	<=34.77	Pass		
	13			21.92	-0.63	19.14	<=34.77	Pass		
25	0			21.87	-0.63	19.09	<=34.77	Pass		
710	1			0	22.56	-0.63	19.78	<=34.77	Pass	
				13	22.66	-0.63	19.88	<=34.77	Pass	
			24	22.57	-0.63	19.79	<=34.77	Pass		
	12		0	21.74	-0.63	18.96	<=34.77	Pass		
			6	21.84	-0.63	19.06	<=34.77	Pass		
			13	21.73	-0.63	18.95	<=34.77	Pass		
25	0		21.80	-0.63	19.02	<=34.77	Pass			
713.5	1		0	22.77	-0.63	19.99	<=34.77	Pass		
			13	22.92	-0.63	20.14	<=34.77	Pass		
			24	22.80	-0.63	20.02	<=34.77	Pass		
	12		0	21.89	-0.63	19.11	<=34.77	Pass		
		6	21.89	-0.63	19.11	<=34.77	Pass			
		13	21.76	-0.63	18.98	<=34.77	Pass			
	25	0	21.87	-0.63	19.09	<=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	23.71	-0.63	20.93	<=34.77	Pass
			25	24.01	-0.63	21.23	<=34.77	Pass
			49	23.81	-0.63	21.03	<=34.77	Pass
		25	0	22.74	-0.63	19.96	<=34.77	Pass
			13	22.82	-0.63	20.04	<=34.77	Pass
			25	22.75	-0.63	19.97	<=34.77	Pass
		50	0	22.78	-0.63	20.00	<=34.77	Pass
	710	1	0	23.68	-0.63	20.90	<=34.77	Pass
			25	23.91	-0.63	21.13	<=34.77	Pass
			49	23.80	-0.63	21.02	<=34.77	Pass
		25	0	22.67	-0.63	19.89	<=34.77	Pass
			13	22.80	-0.63	20.02	<=34.77	Pass
			25	22.68	-0.63	19.90	<=34.77	Pass
		50	0	22.73	-0.63	19.95	<=34.77	Pass
	711	1	0	23.70	-0.63	20.92	<=34.77	Pass
			25	23.88	-0.63	21.10	<=34.77	Pass
			49	23.80	-0.63	21.02	<=34.77	Pass
		25	0	22.76	-0.63	19.98	<=34.77	Pass
			13	22.82	-0.63	20.04	<=34.77	Pass
			25	22.68	-0.63	19.90	<=34.77	Pass
		50	0	22.72	-0.63	19.94	<=34.77	Pass
16QAM	709	1	0	22.77	-0.63	19.99	<=34.77	Pass
			25	22.95	-0.63	20.17	<=34.77	Pass
			49	22.75	-0.63	19.97	<=34.77	Pass
		25	0	21.83	-0.63	19.05	<=34.77	Pass
			13	21.95	-0.63	19.17	<=34.77	Pass
			25	21.84	-0.63	19.06	<=34.77	Pass
		50	0	21.82	-0.63	19.04	<=34.77	Pass
	710	1	0	22.93	-0.63	20.15	<=34.77	Pass
			25	23.08	-0.63	20.30	<=34.77	Pass
			49	22.92	-0.63	20.14	<=34.77	Pass
		25	0	21.75	-0.63	18.97	<=34.77	Pass
			13	21.86	-0.63	19.08	<=34.77	Pass
			25	21.75	-0.63	18.97	<=34.77	Pass
		50	0	21.75	-0.63	18.97	<=34.77	Pass
	711	1	0	23.24	-0.63	20.46	<=34.77	Pass
			25	23.41	-0.63	20.63	<=34.77	Pass
			49	23.28	-0.63	20.50	<=34.77	Pass
		25	0	21.82	-0.63	19.04	<=34.77	Pass
			13	21.87	-0.63	19.09	<=34.77	Pass
			25	21.82	-0.63	19.04	<=34.77	Pass
		50	0	21.80	-0.63	19.02	<=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	-8.726	-0.0124	-2.5 to 2.5	Pass

					3.85	-5.479	-0.0078	-2.5 to 2.5	Pass
					4.43	-1.674	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-7.181	-0.0102	-2.5 to 2.5	Pass
				-20	3.85	-1.774	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-4.134	-0.0059	-2.5 to 2.5	Pass
				0	3.85	-5.565	-0.0079	-2.5 to 2.5	Pass
				10	3.85	-6.108	-0.0086	-2.5 to 2.5	Pass
				30	3.85	-4.549	-0.0064	-2.5 to 2.5	Pass
				40	3.85	-1.330	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-4.435	-0.0063	-2.5 to 2.5	Pass
	710	25	0	20	3.27	-4.950	-0.0070	-2.5 to 2.5	Pass
					3.85	-5.121	-0.0072	-2.5 to 2.5	Pass
					4.43	-4.864	-0.0069	-2.5 to 2.5	Pass
				-30	3.85	-3.276	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-5.608	-0.0079	-2.5 to 2.5	Pass
				-10	3.85	-3.676	-0.0052	-2.5 to 2.5	Pass
				0	3.85	-2.804	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-4.964	-0.0070	-2.5 to 2.5	Pass
				30	3.85	-8.240	-0.0116	-2.5 to 2.5	Pass
				40	3.85	-6.495	-0.0091	-2.5 to 2.5	Pass
				50	3.85	-2.131	-0.0030	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-7.253	-0.0102	-2.5 to 2.5	Pass
					3.85	-6.380	-0.0089	-2.5 to 2.5	Pass
					4.43	-7.982	-0.0112	-2.5 to 2.5	Pass
				-30	3.85	-6.824	-0.0096	-2.5 to 2.5	Pass
				-20	3.85	-6.738	-0.0094	-2.5 to 2.5	Pass
				-10	3.85	-5.436	-0.0076	-2.5 to 2.5	Pass
				0	3.85	-8.211	-0.0115	-2.5 to 2.5	Pass
				10	3.85	-10.571	-0.0148	-2.5 to 2.5	Pass
				30	3.85	-9.055	-0.0127	-2.5 to 2.5	Pass
				40	3.85	-7.253	-0.0102	-2.5 to 2.5	Pass
				50	3.85	-7.453	-0.0104	-2.5 to 2.5	Pass
16QAM	706.5	25	0	20	3.27	-5.393	-0.0076	-2.5 to 2.5	Pass
					3.85	-5.865	-0.0083	-2.5 to 2.5	Pass
					4.43	-3.505	-0.0050	-2.5 to 2.5	Pass
				-30	3.85	-4.978	-0.0070	-2.5 to 2.5	Pass
				-20	3.85	0.501	0.0007	-2.5 to 2.5	Pass
				-10	3.85	-4.649	-0.0066	-2.5 to 2.5	Pass
				0	3.85	-7.739	-0.0110	-2.5 to 2.5	Pass
				10	3.85	-3.304	-0.0047	-2.5 to 2.5	Pass
				30	3.85	-2.174	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-3.805	-0.0054	-2.5 to 2.5	Pass
				50	3.85	-6.323	-0.0089	-2.5 to 2.5	Pass
	710	25	0	20	3.27	-4.506	-0.0063	-2.5 to 2.5	Pass
					3.85	-1.731	-0.0024	-2.5 to 2.5	Pass
					4.43	-3.176	-0.0045	-2.5 to 2.5	Pass
				-30	3.85	-6.795	-0.0096	-2.5 to 2.5	Pass
				-20	3.85	-6.123	-0.0086	-2.5 to 2.5	Pass
				-10	3.85	-3.476	-0.0049	-2.5 to 2.5	Pass
				0	3.85	-7.024	-0.0099	-2.5 to 2.5	Pass
				10	3.85	-5.336	-0.0075	-2.5 to 2.5	Pass
				30	3.85	-5.422	-0.0076	-2.5 to 2.5	Pass
				40	3.85	-6.094	-0.0086	-2.5 to 2.5	Pass
				50	3.85	-5.436	-0.0077	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-8.383	-0.0117	-2.5 to 2.5	Pass
					3.85	-6.266	-0.0088	-2.5 to 2.5	Pass
					4.43	-7.210	-0.0101	-2.5 to 2.5	Pass
				-30	3.85	-5.765	-0.0081	-2.5 to 2.5	Pass
				-20	3.85	-7.138	-0.0100	-2.5 to 2.5	Pass



				-10	3.85	-9.942	-0.0139	-2.5 to 2.5	Pass
				0	3.85	-6.266	-0.0088	-2.5 to 2.5	Pass
				10	3.85	-6.909	-0.0097	-2.5 to 2.5	Pass
				30	3.85	-9.770	-0.0137	-2.5 to 2.5	Pass
				40	3.85	-8.640	-0.0121	-2.5 to 2.5	Pass
				50	3.85	-5.765	-0.0081	-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	-6.552	-0.0092	-2.5 to 2.5	Pass
					3.85	-6.080	-0.0086	-2.5 to 2.5	Pass
					4.43	-7.253	-0.0102	-2.5 to 2.5	Pass
				-30	3.85	-7.324	-0.0103	-2.5 to 2.5	Pass
				-20	3.85	-3.591	-0.0051	-2.5 to 2.5	Pass
				-10	3.85	-6.208	-0.0088	-2.5 to 2.5	Pass
				0	3.85	-8.497	-0.0120	-2.5 to 2.5	Pass
				10	3.85	-9.384	-0.0132	-2.5 to 2.5	Pass
				30	3.85	-5.994	-0.0085	-2.5 to 2.5	Pass
				40	3.85	-6.695	-0.0094	-2.5 to 2.5	Pass
				50	3.85	-4.506	-0.0064	-2.5 to 2.5	Pass
	710	50	0	20	3.27	-8.039	-0.0113	-2.5 to 2.5	Pass
					3.85	-4.177	-0.0059	-2.5 to 2.5	Pass
					4.43	-8.197	-0.0115	-2.5 to 2.5	Pass
				-30	3.85	-6.752	-0.0095	-2.5 to 2.5	Pass
				-20	3.85	-6.580	-0.0093	-2.5 to 2.5	Pass
				-10	3.85	-5.307	-0.0075	-2.5 to 2.5	Pass
				0	3.85	-6.223	-0.0088	-2.5 to 2.5	Pass
				10	3.85	-6.795	-0.0096	-2.5 to 2.5	Pass
				30	3.85	-7.725	-0.0109	-2.5 to 2.5	Pass
				40	3.85	-7.424	-0.0105	-2.5 to 2.5	Pass
				50	3.85	-8.497	-0.0120	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-5.908	-0.0083	-2.5 to 2.5	Pass
					3.85	-7.081	-0.0100	-2.5 to 2.5	Pass
					4.43	-5.136	-0.0072	-2.5 to 2.5	Pass
				-30	3.85	-5.765	-0.0081	-2.5 to 2.5	Pass
				-20	3.85	-5.965	-0.0084	-2.5 to 2.5	Pass
				-10	3.85	-8.469	-0.0119	-2.5 to 2.5	Pass
				0	3.85	-5.808	-0.0082	-2.5 to 2.5	Pass
				10	3.85	-3.762	-0.0053	-2.5 to 2.5	Pass
				30	3.85	-7.181	-0.0101	-2.5 to 2.5	Pass
				40	3.85	-4.849	-0.0068	-2.5 to 2.5	Pass
				50	3.85	-3.633	-0.0051	-2.5 to 2.5	Pass
16QAM	709	50	0	20	3.27	-6.423	-0.0091	-2.5 to 2.5	Pass
					3.85	-3.734	-0.0053	-2.5 to 2.5	Pass
					4.43	-6.394	-0.0090	-2.5 to 2.5	Pass
				-30	3.85	-6.480	-0.0091	-2.5 to 2.5	Pass
				-20	3.85	-8.640	-0.0122	-2.5 to 2.5	Pass
				-10	3.85	-6.280	-0.0089	-2.5 to 2.5	Pass
				0	3.85	-5.908	-0.0083	-2.5 to 2.5	Pass
				10	3.85	-6.580	-0.0093	-2.5 to 2.5	Pass
				30	3.85	-6.824	-0.0096	-2.5 to 2.5	Pass
				40	3.85	-6.580	-0.0093	-2.5 to 2.5	Pass
				50	3.85	-2.403	-0.0034	-2.5 to 2.5	Pass
	710	50	0	20	3.27	-4.020	-0.0057	-2.5 to 2.5	Pass
					3.85	-3.233	-0.0046	-2.5 to 2.5	Pass

					4.43	-7.925	-0.0112	-2.5 to 2.5	Pass
				-30	3.85	-4.935	-0.0070	-2.5 to 2.5	Pass
				-20	3.85	-4.706	-0.0066	-2.5 to 2.5	Pass
				-10	3.85	-4.549	-0.0064	-2.5 to 2.5	Pass
				0	3.85	-3.905	-0.0055	-2.5 to 2.5	Pass
				10	3.85	-5.608	-0.0079	-2.5 to 2.5	Pass
				30	3.85	-6.108	-0.0086	-2.5 to 2.5	Pass
				40	3.85	-8.168	-0.0115	-2.5 to 2.5	Pass
				50	3.85	-7.353	-0.0104	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-4.892	-0.0069	-2.5 to 2.5	Pass
					3.85	-4.420	-0.0062	-2.5 to 2.5	Pass
					4.43	-4.492	-0.0063	-2.5 to 2.5	Pass
				-30	3.85	-8.869	-0.0125	-2.5 to 2.5	Pass
				-20	3.85	-6.237	-0.0088	-2.5 to 2.5	Pass
				-10	3.85	-4.234	-0.0060	-2.5 to 2.5	Pass
				0	3.85	-5.536	-0.0078	-2.5 to 2.5	Pass
				10	3.85	-7.997	-0.0112	-2.5 to 2.5	Pass
				30	3.85	-7.095	-0.0100	-2.5 to 2.5	Pass
				40	3.85	-5.493	-0.0077	-2.5 to 2.5	Pass
				50	3.85	-8.984	-0.0126	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B17_5MHz

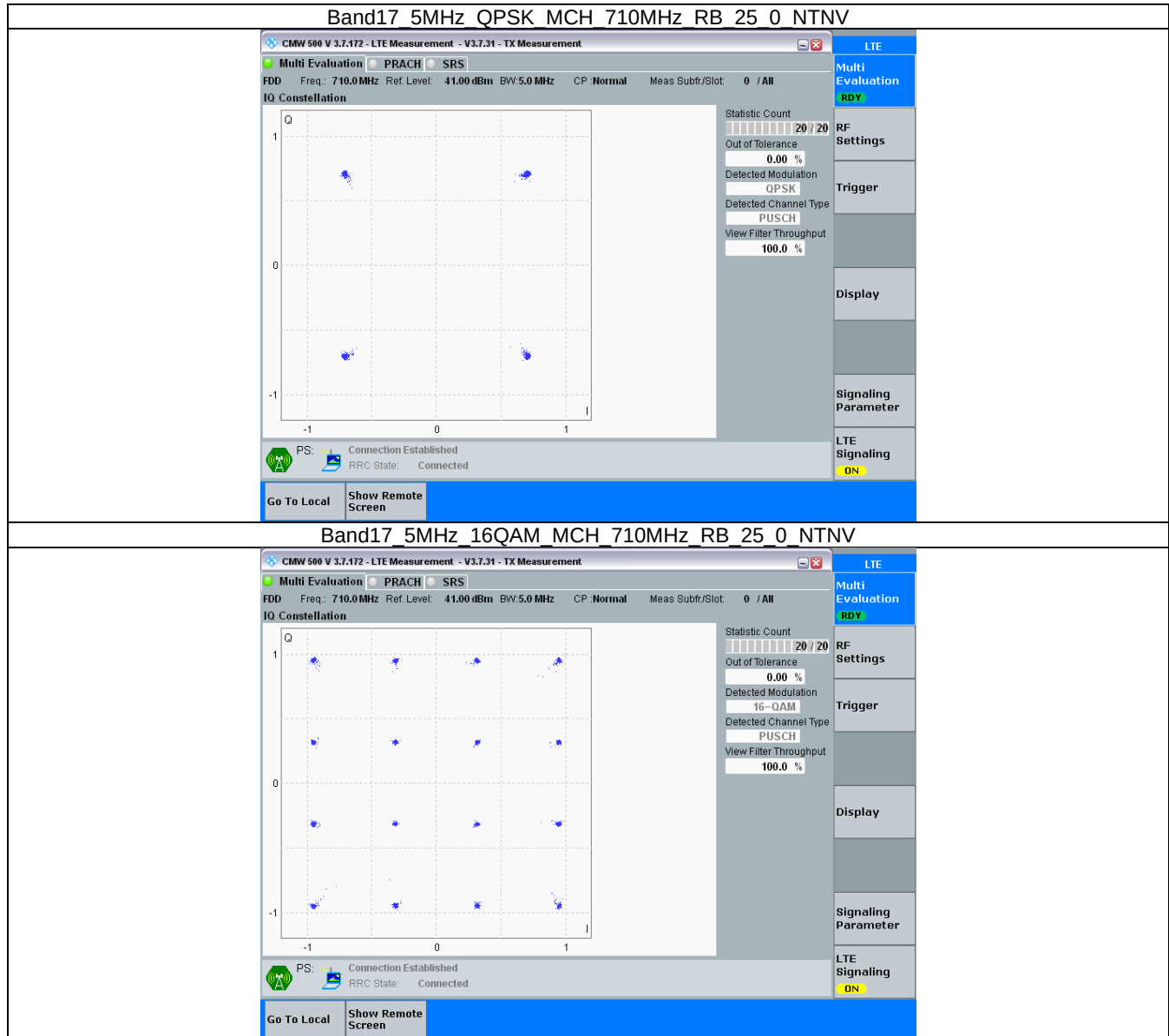
Band: 17 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	710	25	0	Refer To Test Graph		Pass
16QAM	710	25	0	Refer To Test Graph		Pass

3.1.2 B17_10MHz

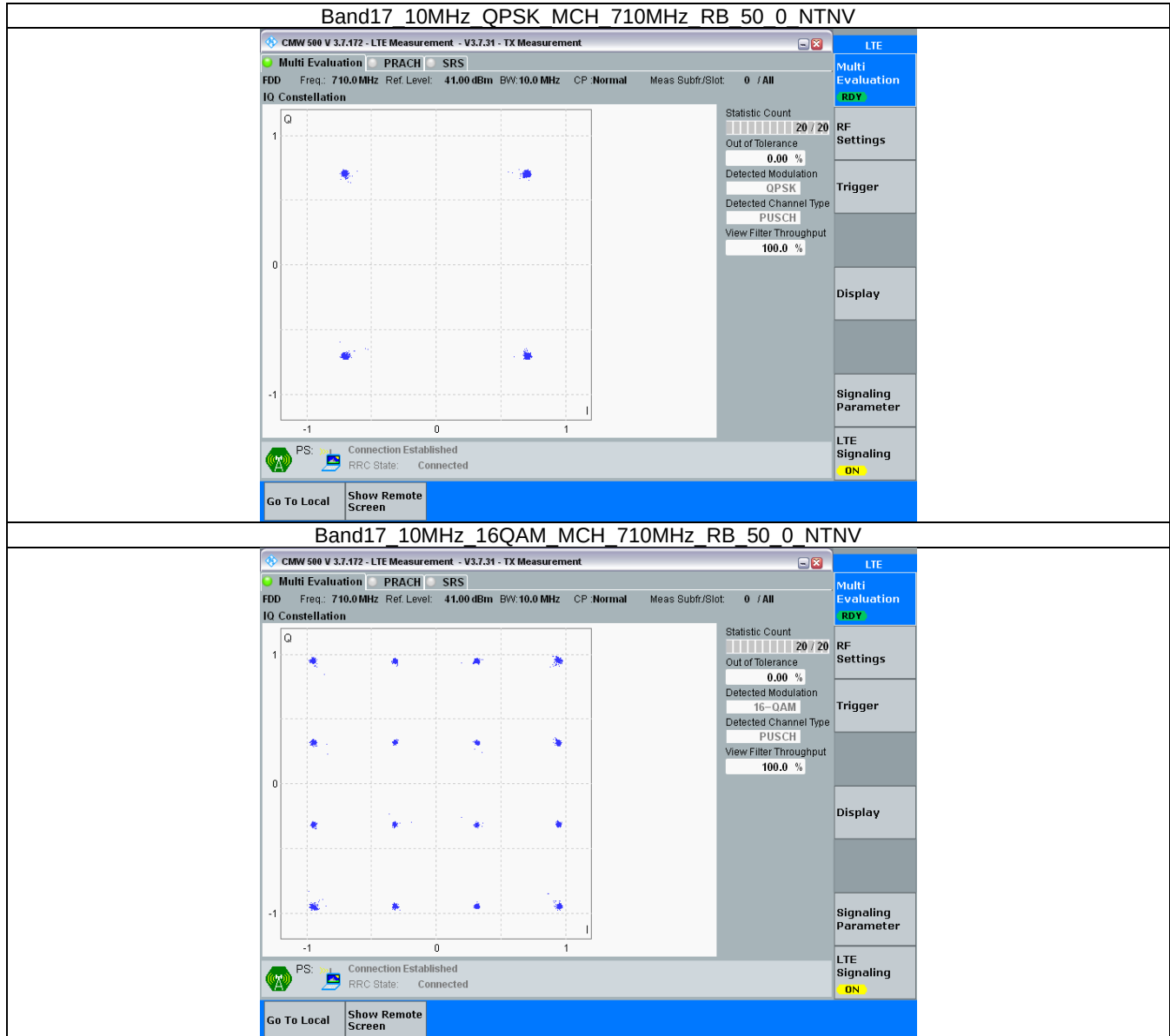
Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	710	50	0	Refer To Test Graph		Pass
16QAM	710	50	0	Refer To Test Graph		Pass

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

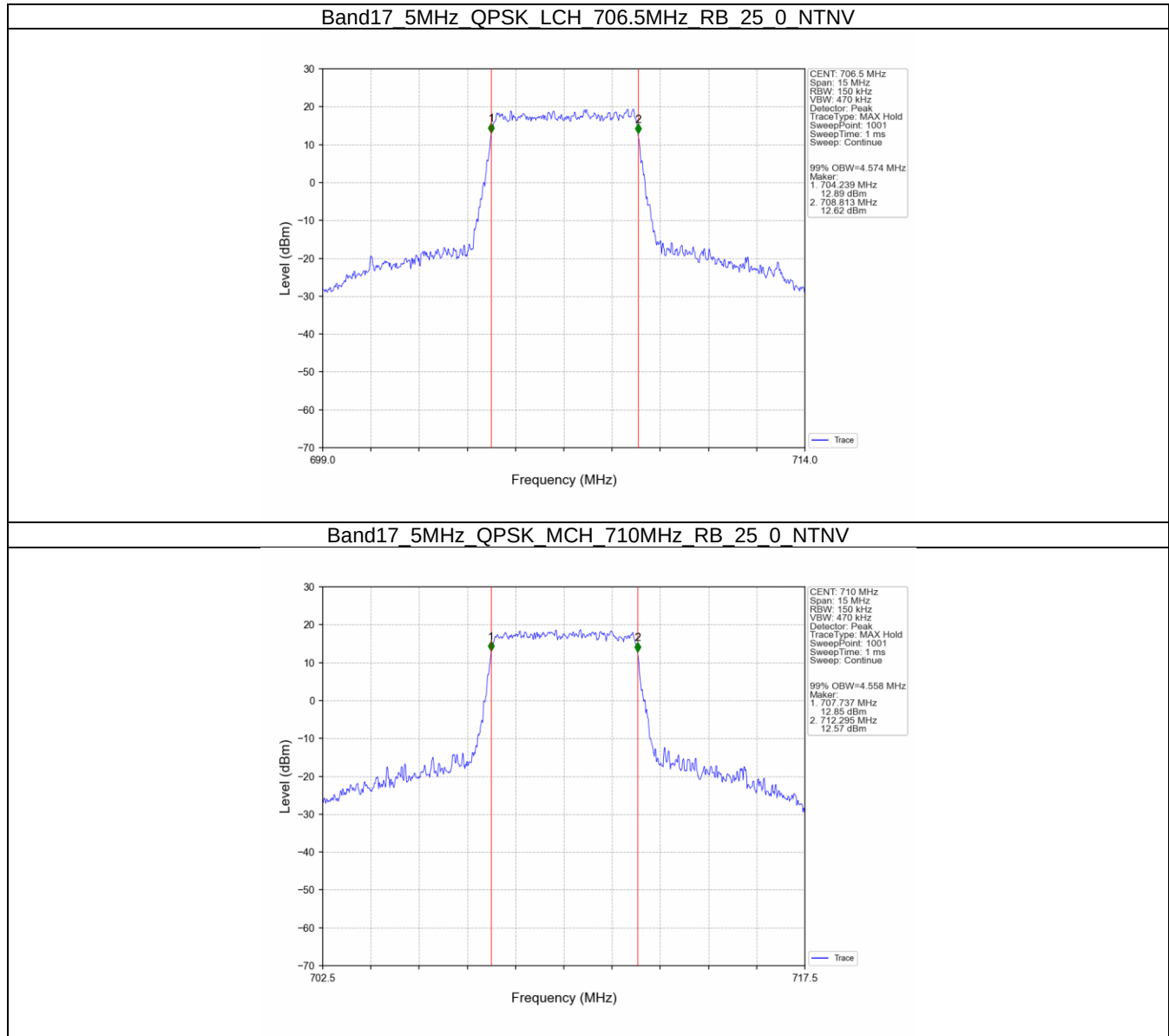
Band: 17 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	706.5	25	0	4.574	/	Pass
		710	25	0	4.558	/	Pass
		713.5	25	0	4.596	/	Pass
	16QAM	706.5	25	0	4.601	/	Pass
		710	25	0	4.572	/	Pass
		713.5	25	0	4.553	/	Pass
10	QPSK	709	50	0	9.041	/	Pass
		710	50	0	9.061	/	Pass
		711	50	0	9.062	/	Pass
	16QAM	709	50	0	9.056	/	Pass
		710	50	0	9.036	/	Pass
		711	50	0	9.069	/	Pass

4.1.2 Band17_XDB

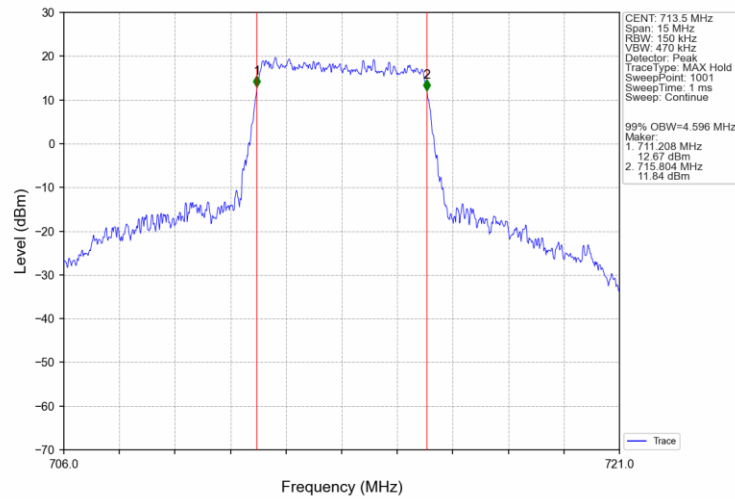
Band: 17 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	706.5	25	0	5.324	/	Pass
		710	25	0	5.248	/	Pass
		713.5	25	0	5.280	/	Pass
	16QAM	706.5	25	0	5.292	/	Pass
		710	25	0	5.249	/	Pass
		713.5	25	0	5.354	/	Pass
10	QPSK	709	50	0	10.233	/	Pass
		710	50	0	10.315	/	Pass
		711	50	0	10.237	/	Pass
	16QAM	709	50	0	10.212	/	Pass
		710	50	0	10.128	/	Pass
		711	50	0	10.246	/	Pass

4.2 Test Graph

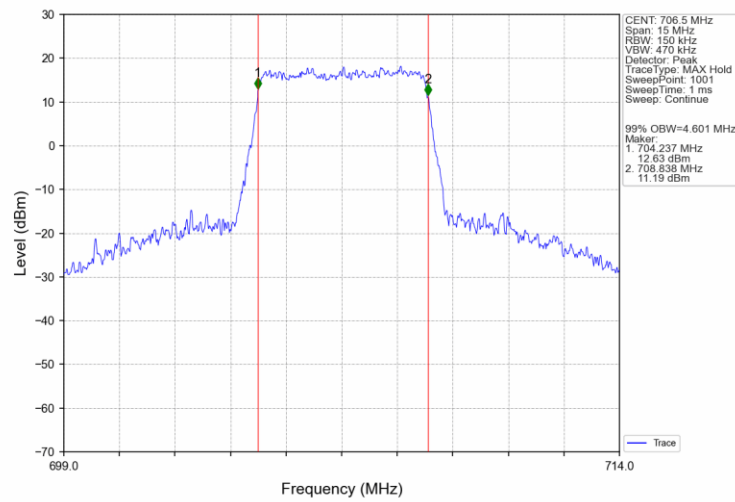
4.2.1 Band17_OBW



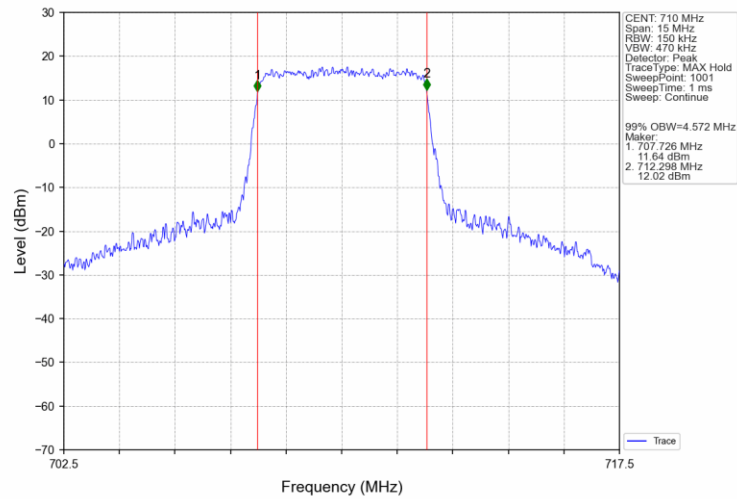
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



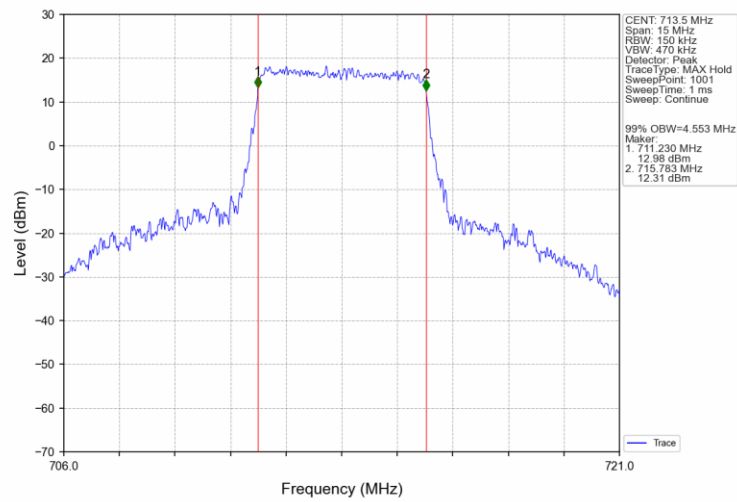
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



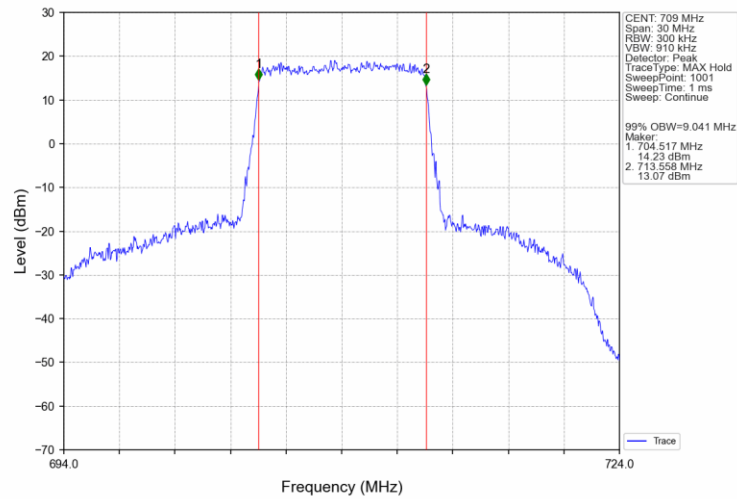
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



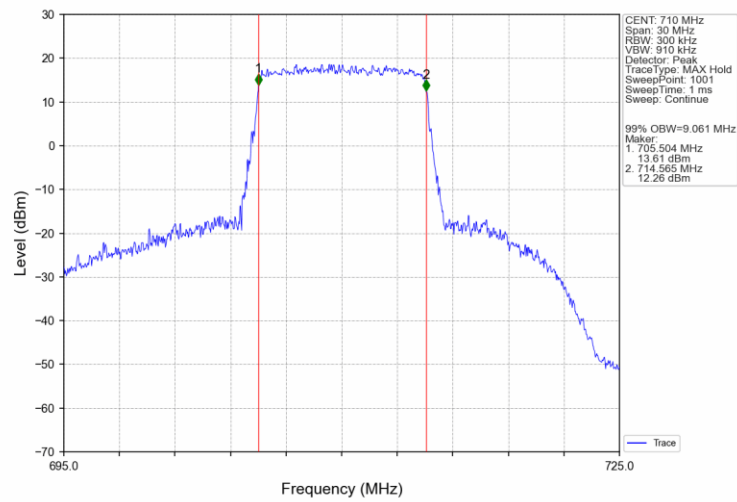
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



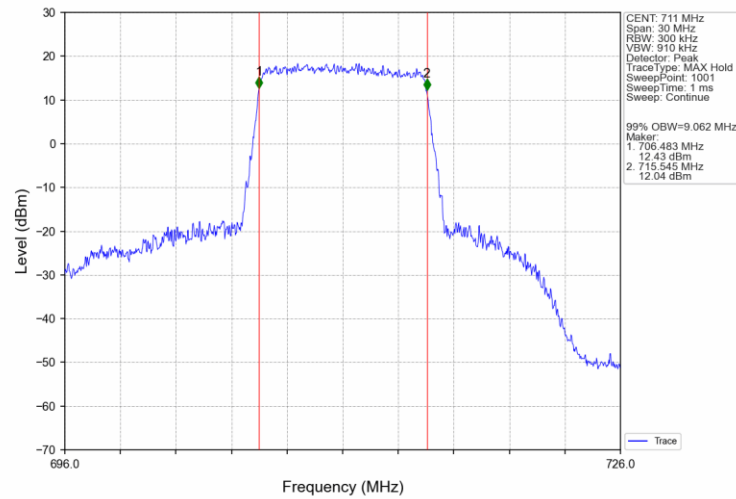
Band17 10MHz QPSK LCH 709MHz RB 50 0 NTN



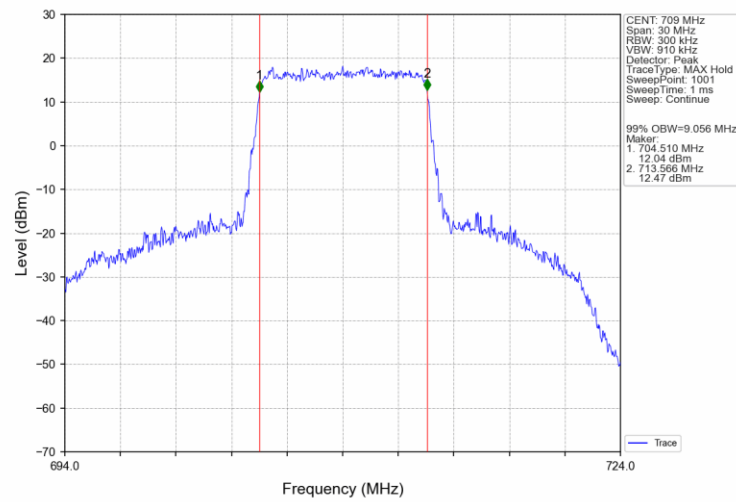
Band17 10MHz QPSK MCH 710MHz RB 50 0 NTN



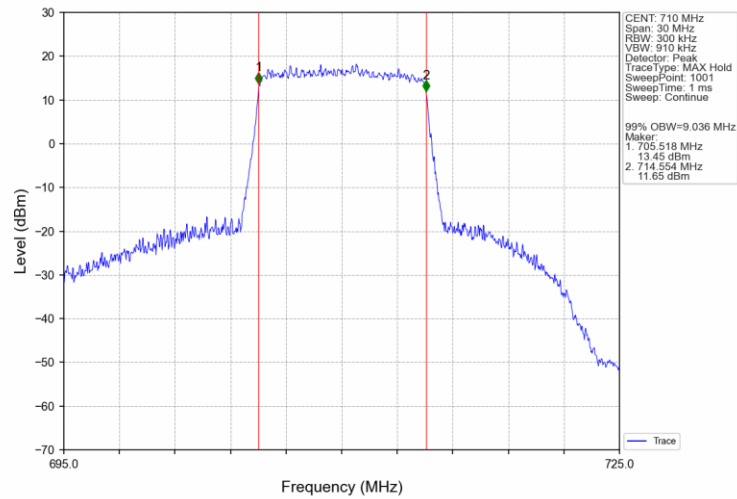
Band17 10MHz QPSK HCH 711MHz RB 50 0 NTNV



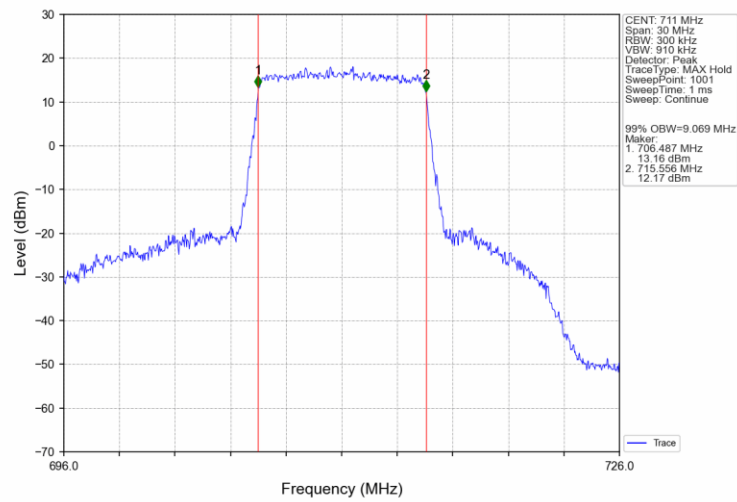
Band17 10MHz 16QAM LCH 709MHz RB 50 0 NTNV



Band17 10MHz 16QAM MCH 710MHz RB 50 0 NTNV

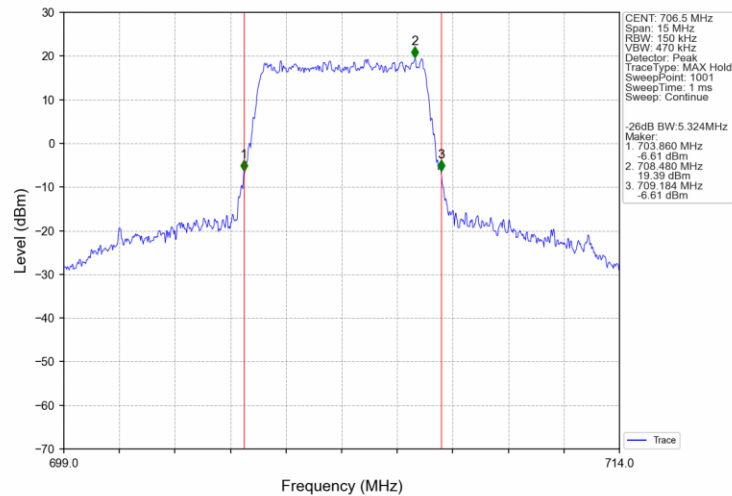


Band17 10MHz 16QAM HCH 711MHz RB 50 0 NTNV

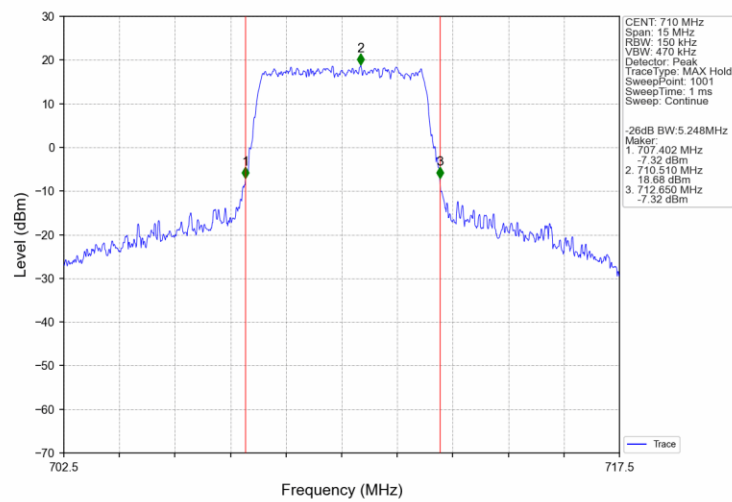


4.2.2 Band17_XDB

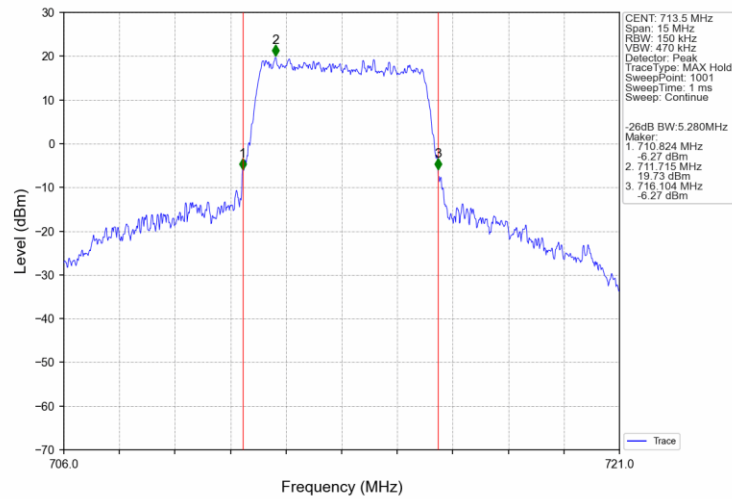
Band17 5MHz QPSK LCH 706.5MHz RB 25 0 NTN



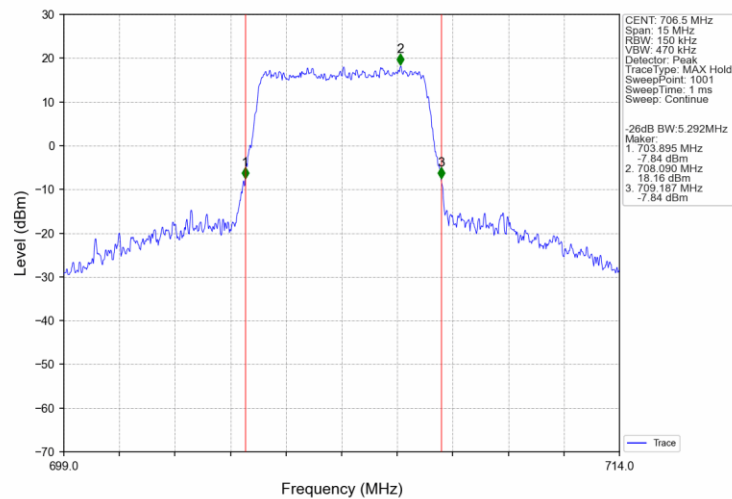
Band17 5MHz QPSK MCH 710MHz RB 25 0 NTN



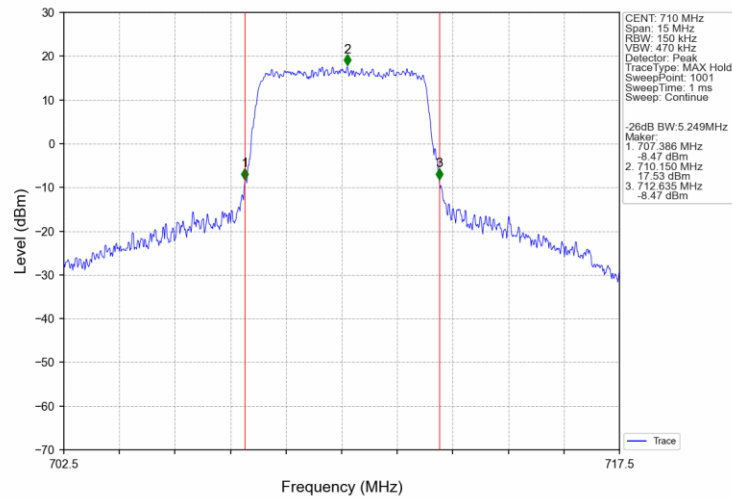
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



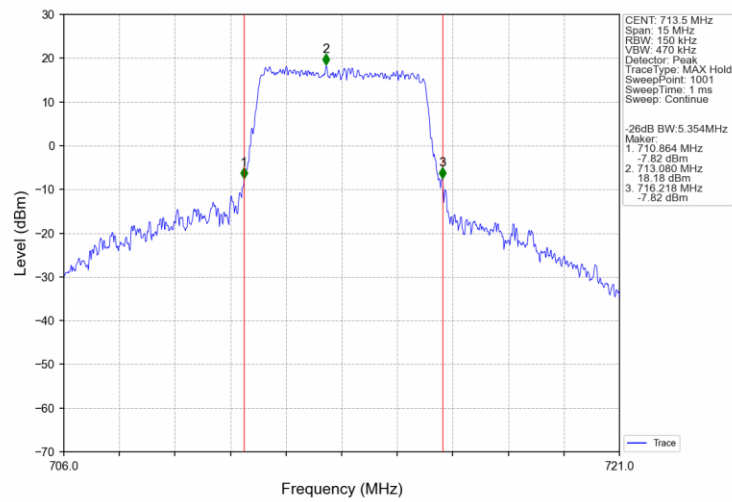
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



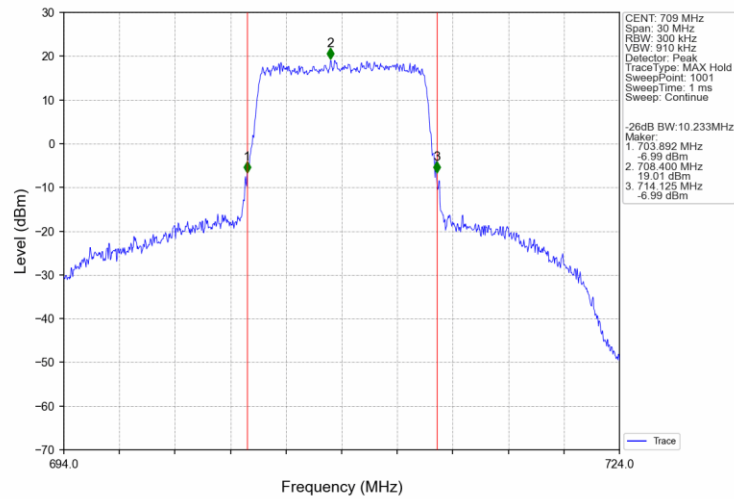
Band17 5MHz 16QAM MCH 710MHz RB 25 0 NTNV



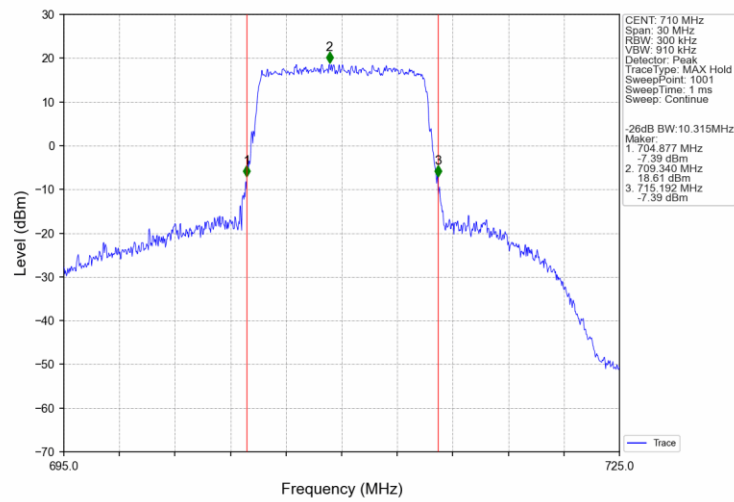
Band17 5MHz 16QAM HCH 713.5MHz RB 25 0 NTNV



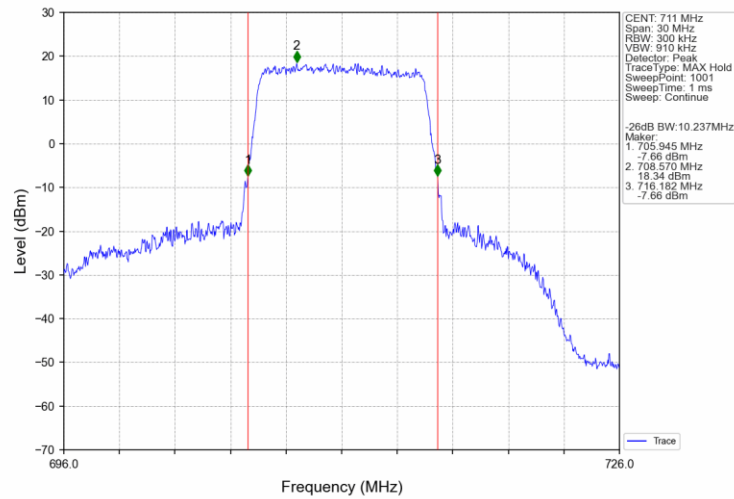
Band17 10MHz QPSK LCH 709MHz RB 50 0 NTN



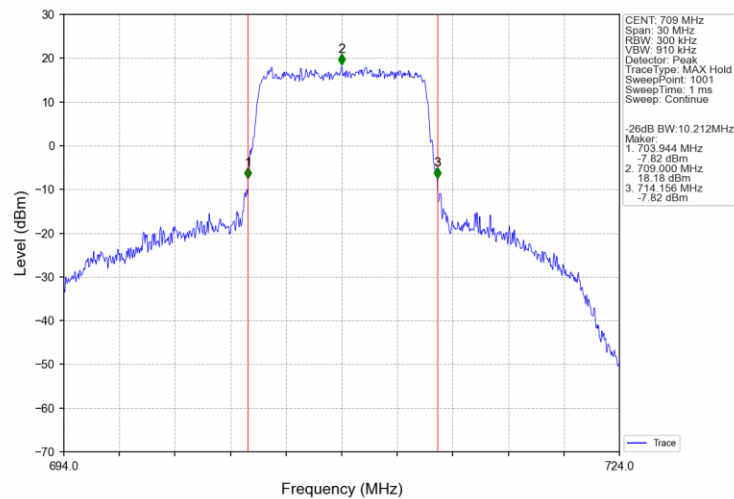
Band17 10MHz QPSK MCH 710MHz RB 50 0 NTN



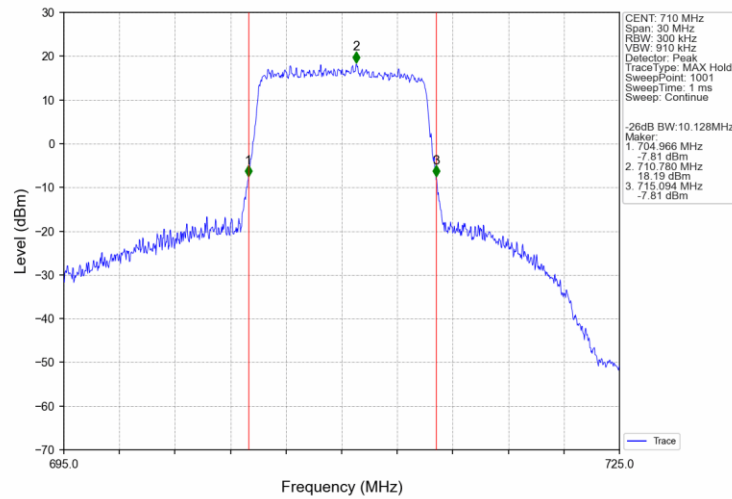
Band17 10MHz QPSK HCH 711MHz RB 50 0 NTN



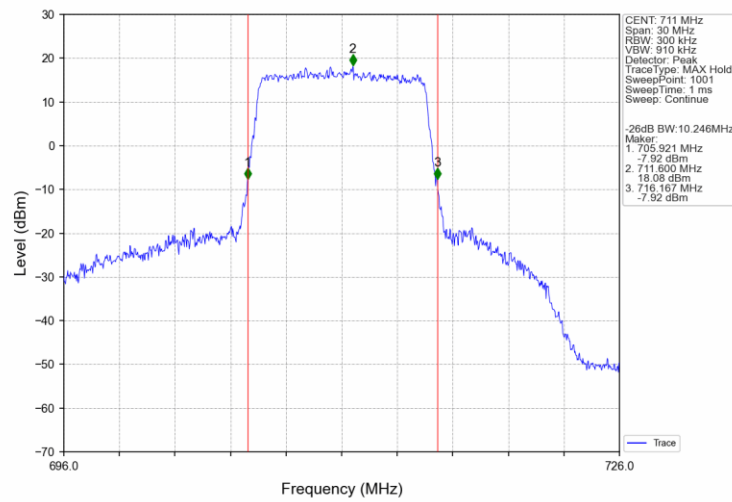
Band17 10MHz 16QAM LCH 709MHz RB 50 0 NTN



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

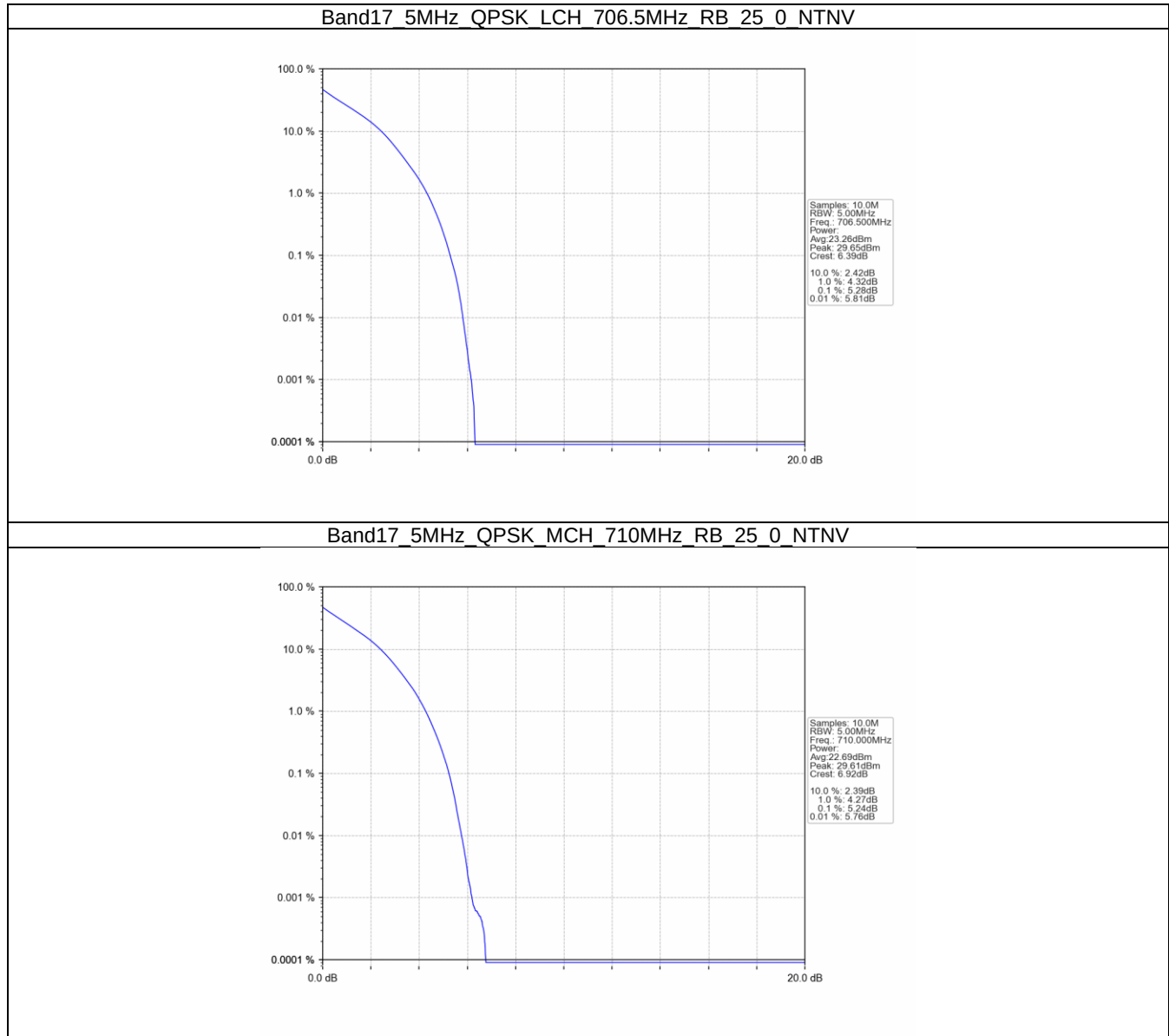
Band: 17 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	706.5	25	0	5.28	<=13	Pass
	710	25	0	5.24	<=13	Pass
	713.5	25	0	5.35	<=13	Pass
16QAM	706.5	25	0	6.06	<=13	Pass
	710	25	0	5.96	<=13	Pass
	713.5	25	0	6.04	<=13	Pass

5.1.2 B17_10MHz

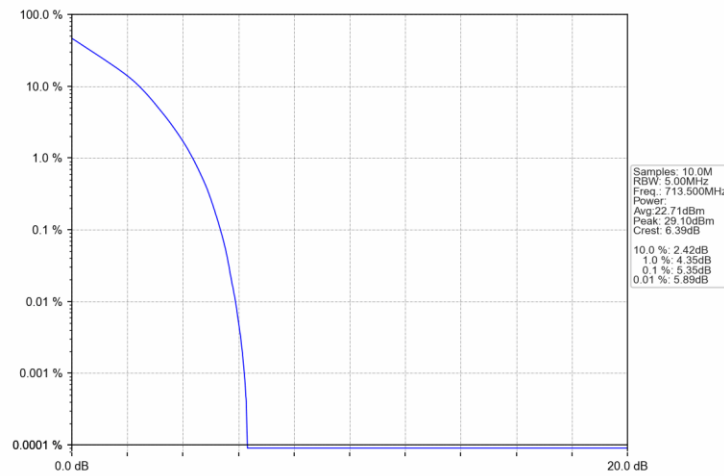
Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	709	50	0	5.31	<=13	Pass
	710	50	0	5.28	<=13	Pass
	711	50	0	5.24	<=13	Pass
16QAM	709	50	0	6.10	<=13	Pass
	710	50	0	6.05	<=13	Pass
	711	50	0	6.04	<=13	Pass

5.2 Test Graph

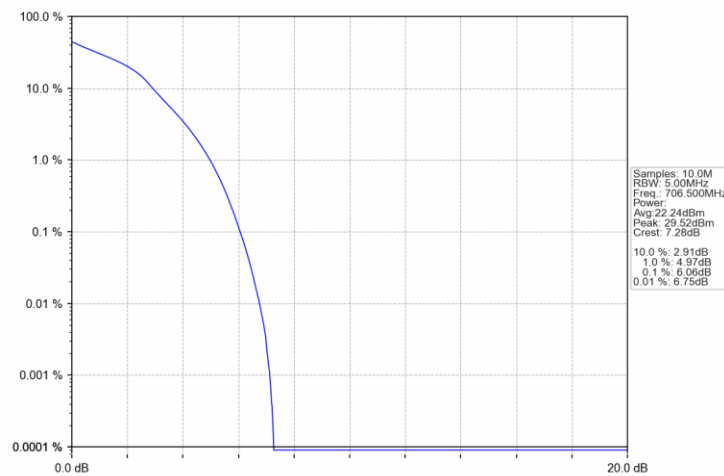
5.2.1 B17_5MHz



Band17 5MHz QPSK HCH 713.5MHz RB 25 0 NTV

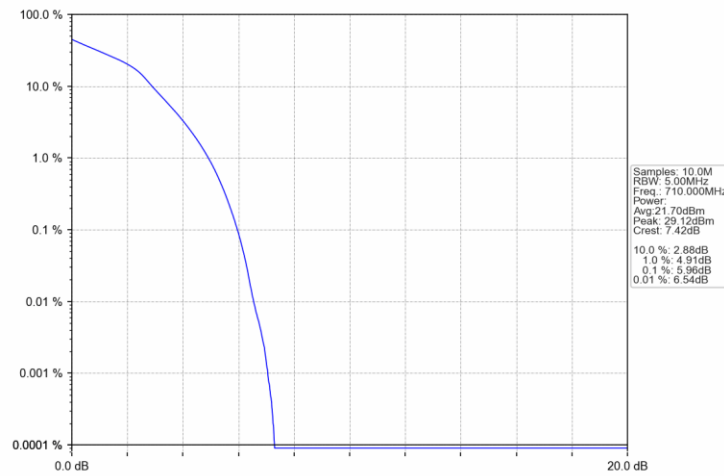


Band17 5MHz 16QAM LCH 706.5MHz RB 25 0 NTV

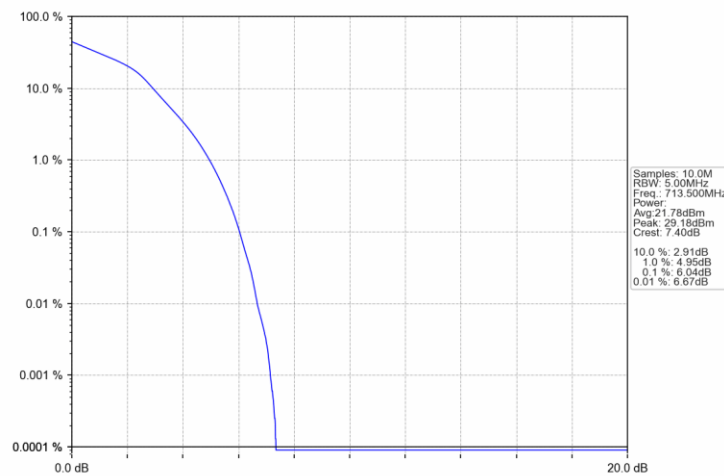




Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV

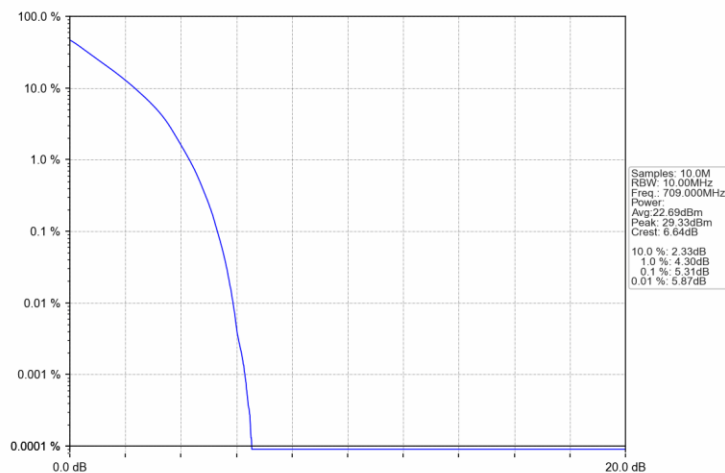


Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV

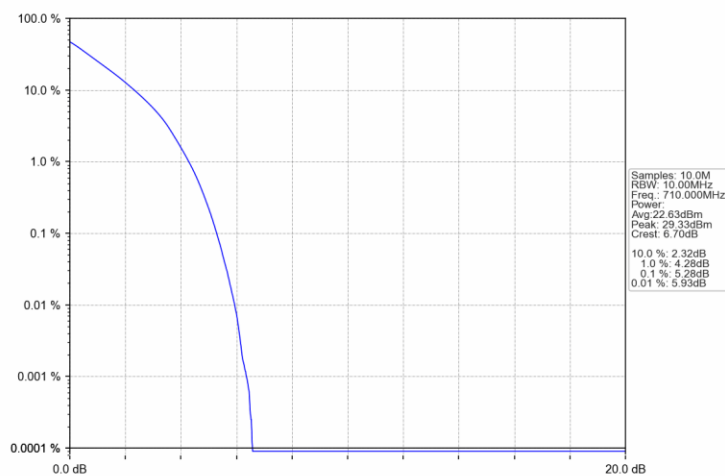


5.2.2 B17_10MHz

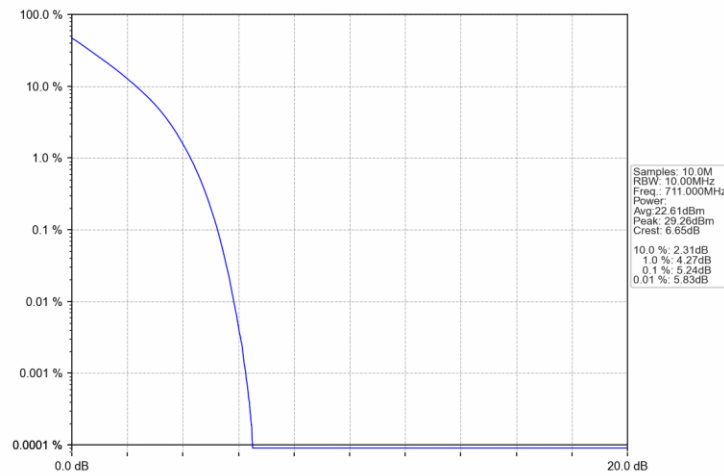
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



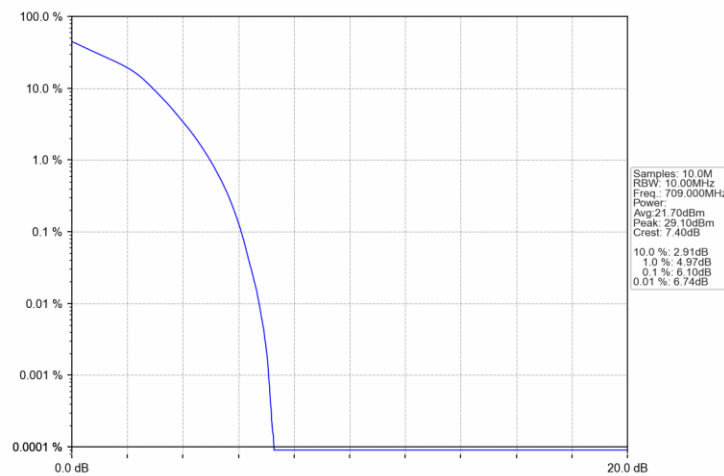
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



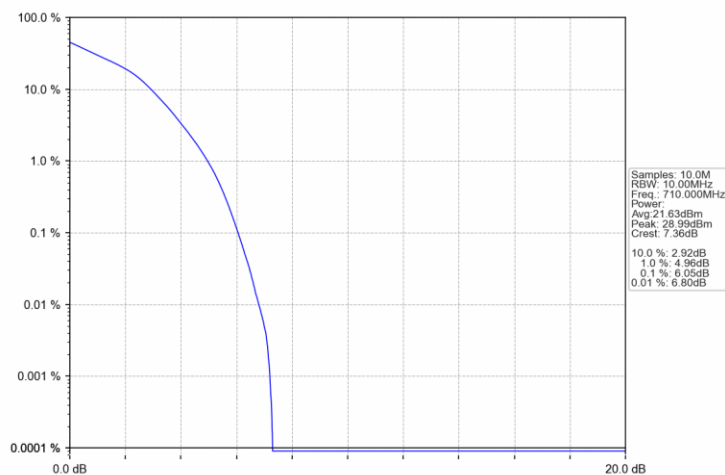
Band17 10MHz QPSK HCH 711MHz RB 50 0 NTV



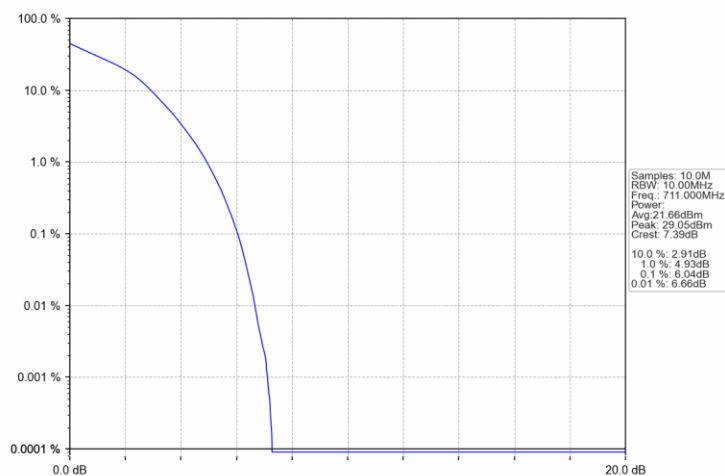
Band17 10MHz 16QAM LCH 709MHz RB 50 0 NTV



Band17 10MHz 16QAM MCH 710MHz RB 50 0 NTNV



Band17 10MHz 16QAM HCH 711MHz RB 50 0 NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 B17_5MHz

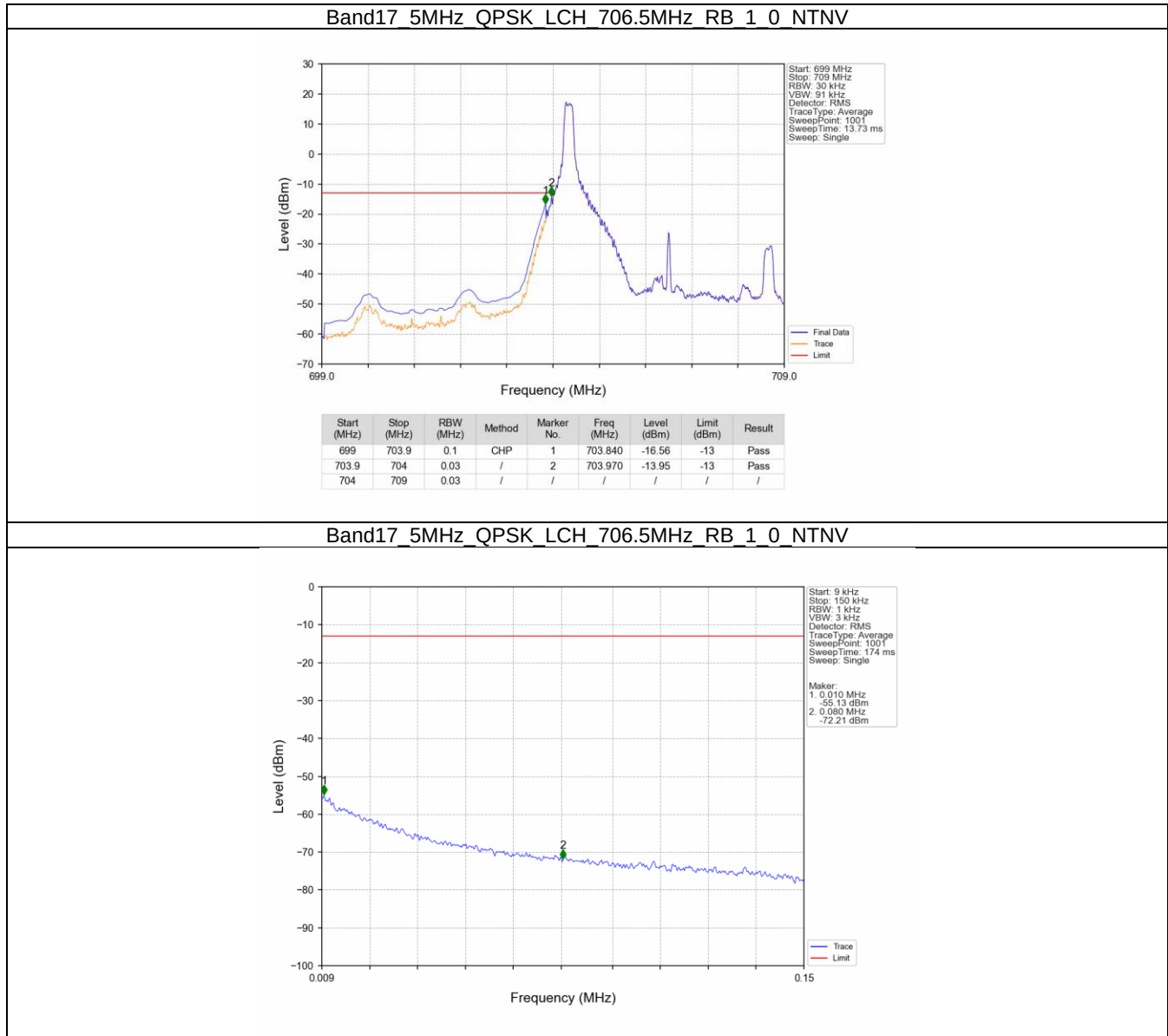
Band: 17 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	706.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	710	1	0	Refer To Test Graph		Pass
	713.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test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

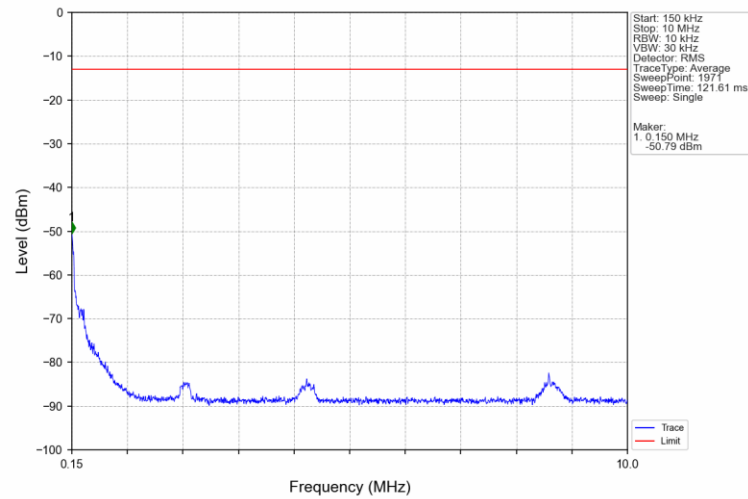
Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	709	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	710	1	0	Refer To Test Graph		Pass
	711	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph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

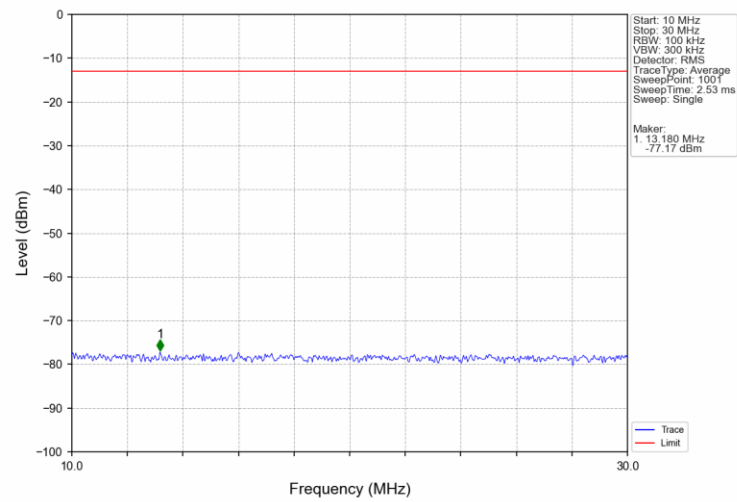
6.2.1 B17_5MHz



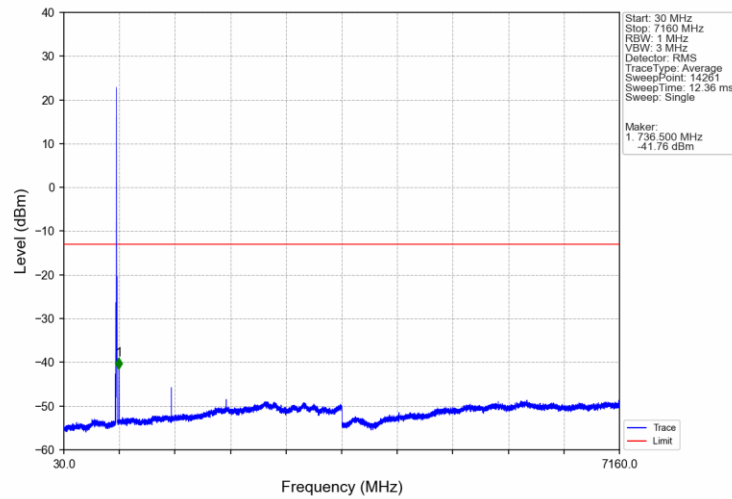
Band17 5MHz QPSK LCH 706.5MHz RB 1 0 NTN



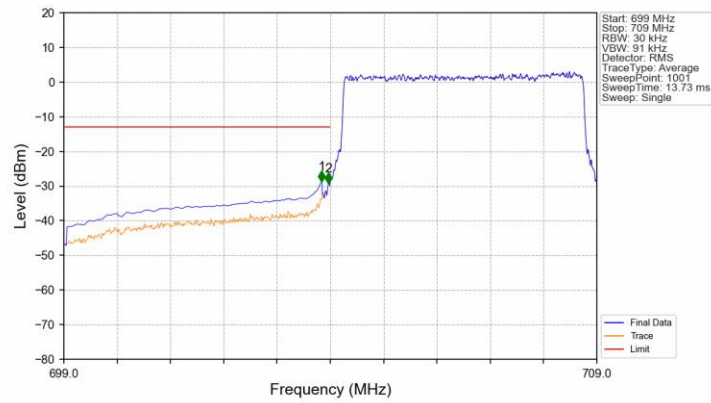
Band17 5MHz QPSK LCH 706.5MHz RB 1 0 NTN



Band17 5MHz QPSK LCH 706.5MHz RB 1 0 NTN

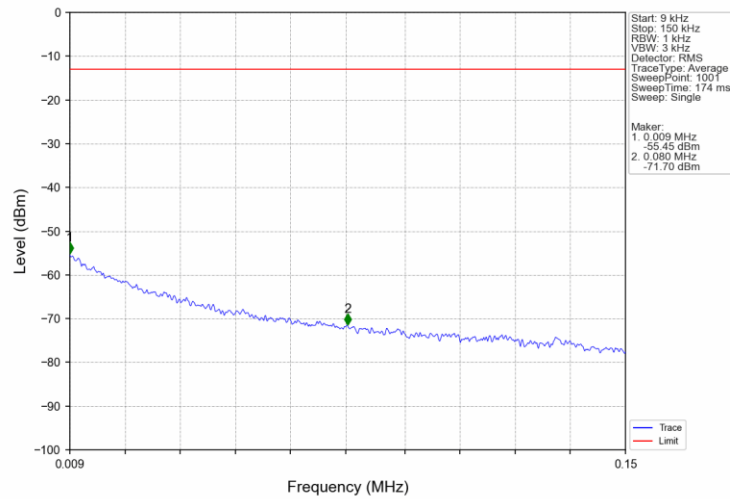


Band17 5MHz QPSK LCH 706.5MHz RB 25 0 NTN

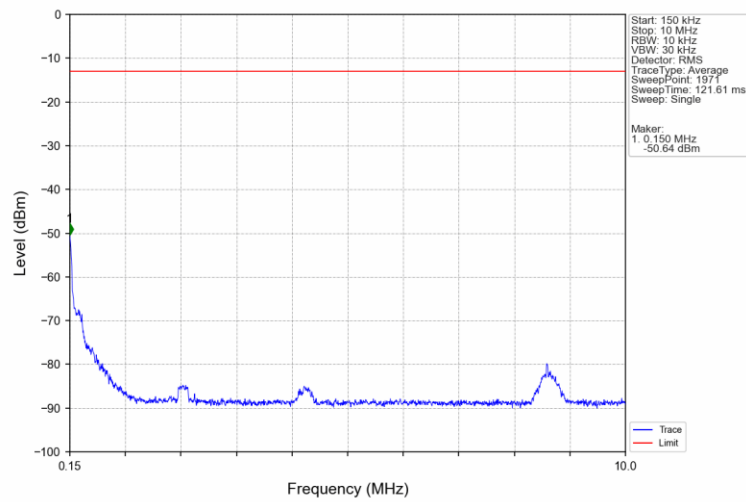


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-28.71	-13	Pass
703.9	704	0.03	/	2	703.970	-29.25	-13	Pass
704	709	0.03	/	/	/	/	/	/

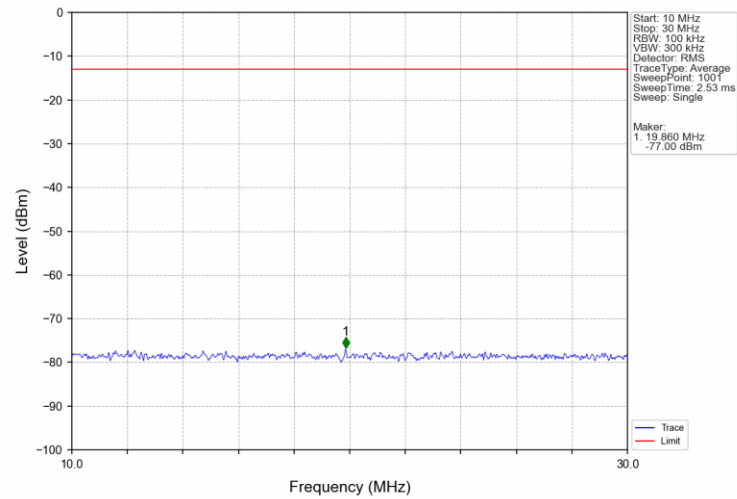
Band17 5MHz QPSK MCH 710MHz RB 1 0 NTNV



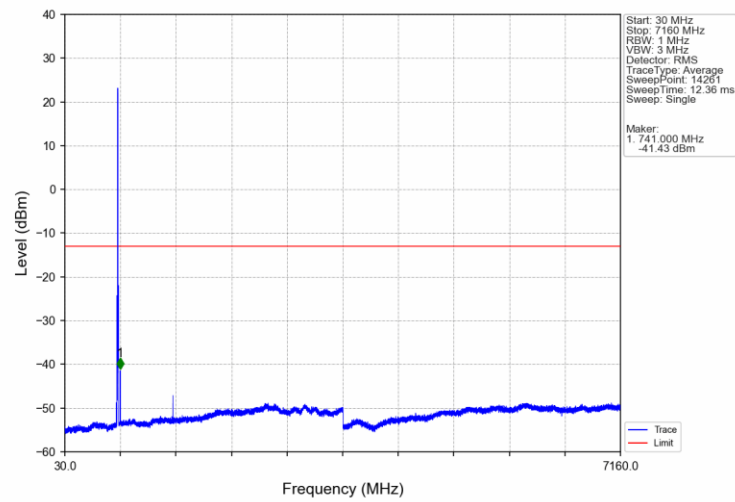
Band17 5MHz QPSK MCH 710MHz RB 1 0 NTNV



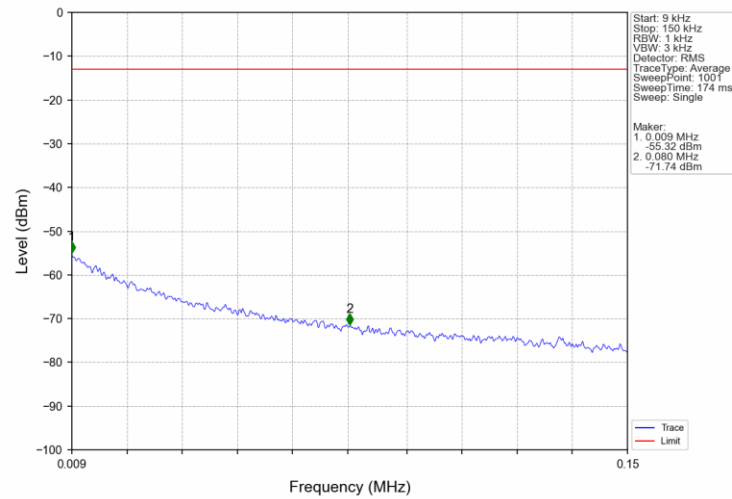
Band17 5MHz QPSK MCH 710MHz RB 1 0 NTN



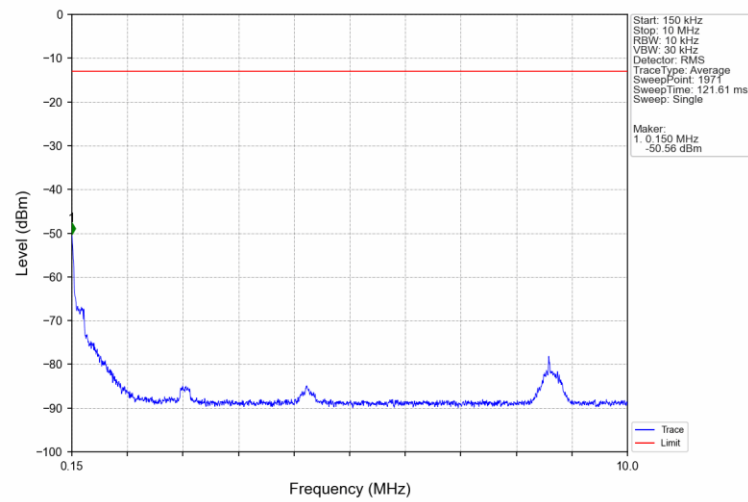
Band17 5MHz QPSK MCH 710MHz RB 1 0 NTN



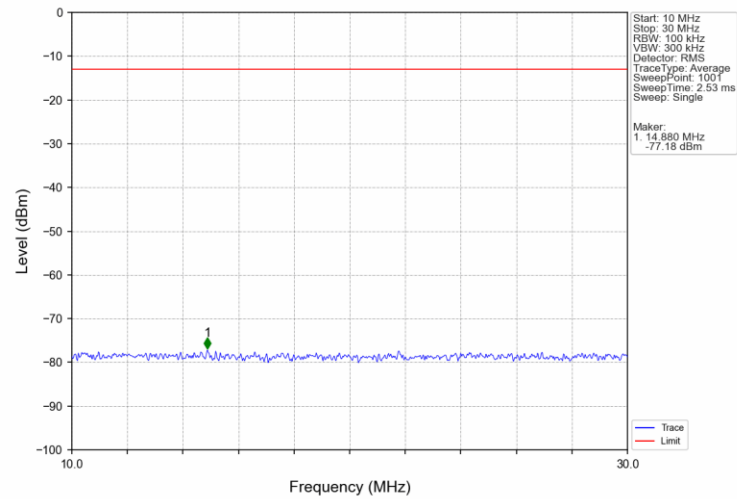
Band17 5MHz QPSK HCH 713.5MHz RB 1 0 NTN



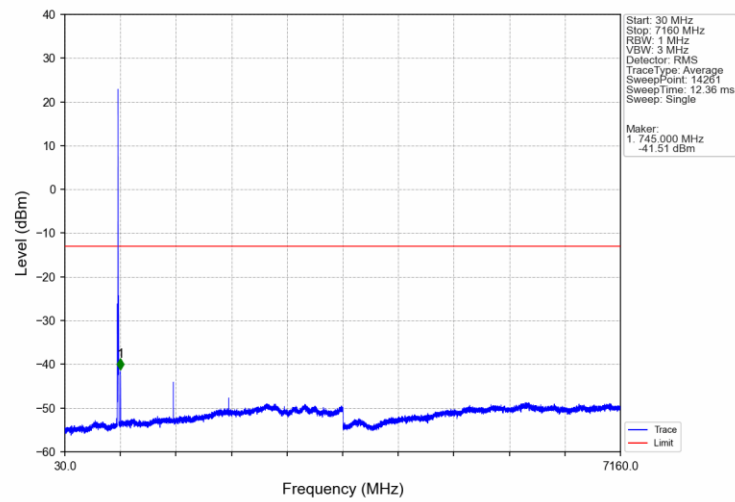
Band17 5MHz QPSK HCH 713.5MHz RB 1 0 NTN



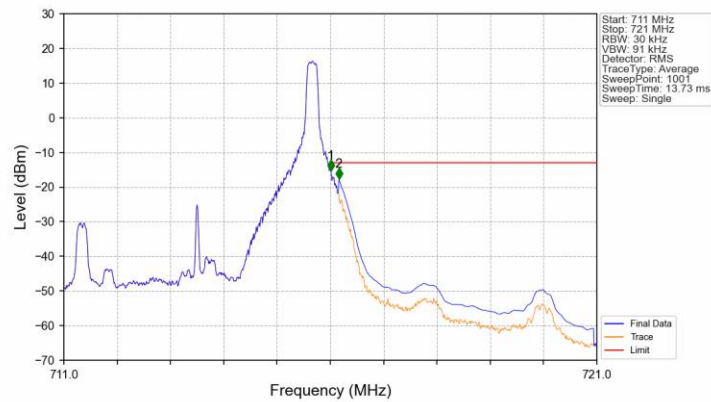
Band17 5MHz QPSK HCH 713.5MHz RB 1 0 NTN



Band17 5MHz QPSK HCH 713.5MHz RB 1 0 NTN

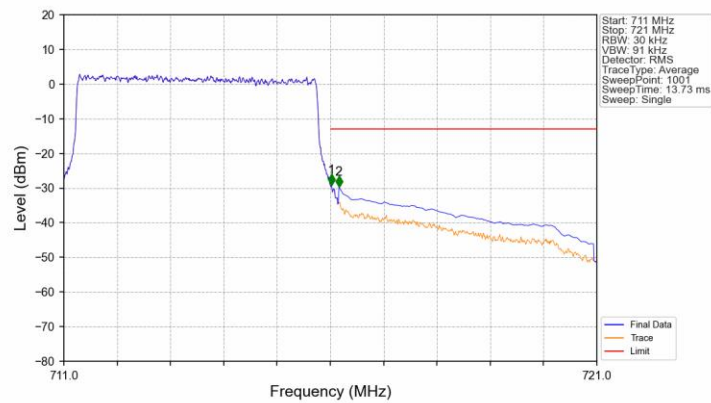


Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV



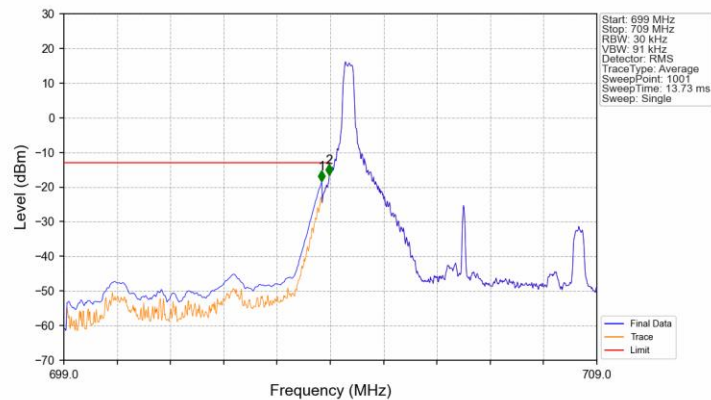
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-15.38	-13	Pass
716.1	721	0.1	CHP	2	716.160	-17.64	-13	Pass

Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



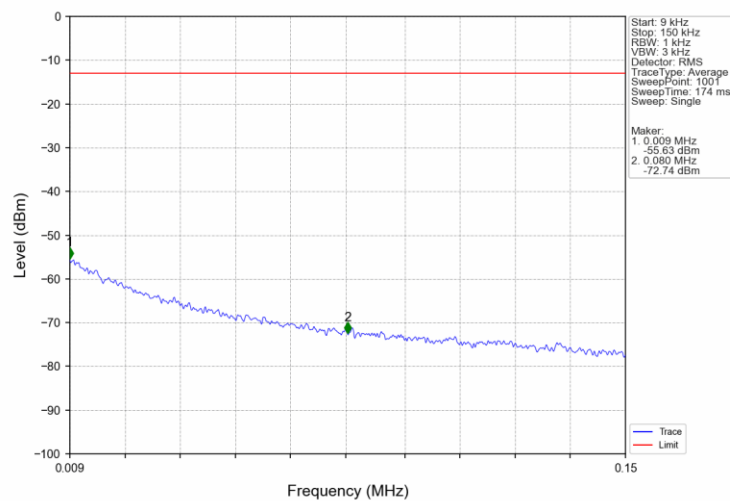
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.020	-29.05	-13	Pass
716.1	721	0.1	CHP	2	716.160	-29.63	-13	Pass

Band17 5MHz 16QAM LCH 706.5MHz RB 1 0 NTNV

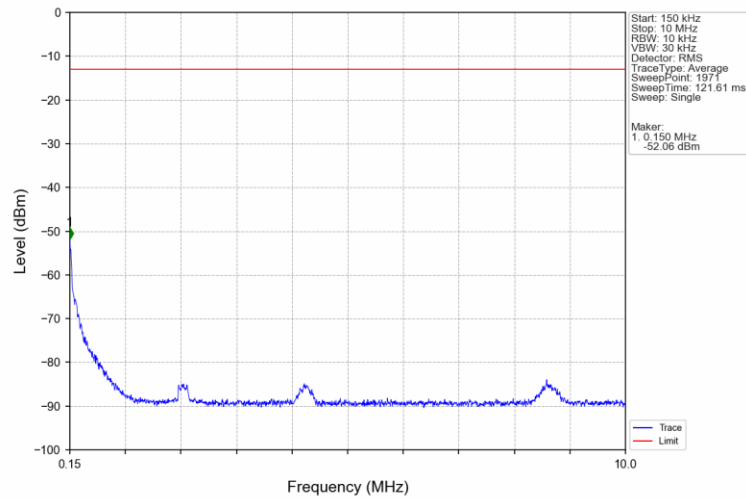


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-18.45	-13	Pass
703.9	704	0.03	/	2	703.980	-16.60	-13	Pass
704	709	0.03	/	/	/	/	/	/

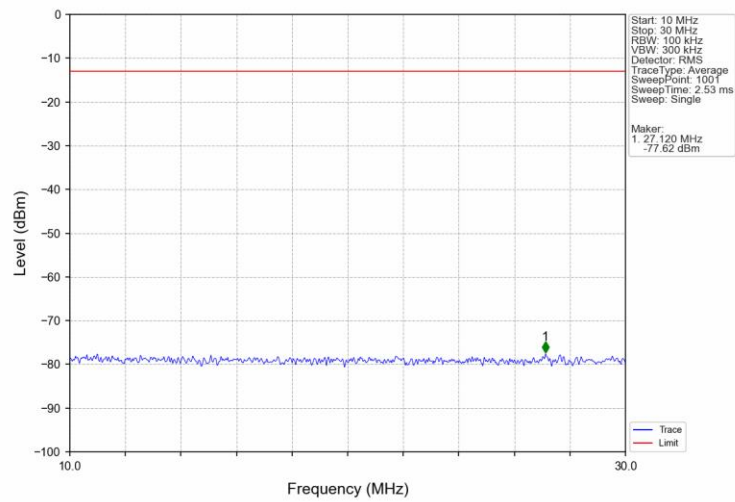
Band17 5MHz 16QAM LCH 706.5MHz RB 1 0 NTNV



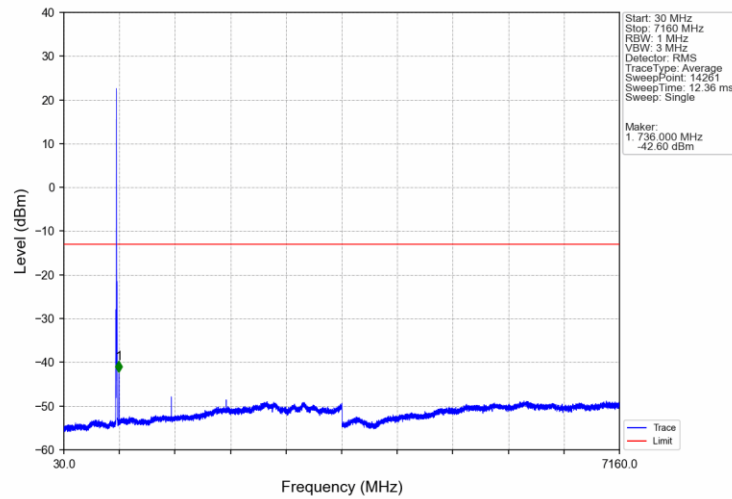
Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV



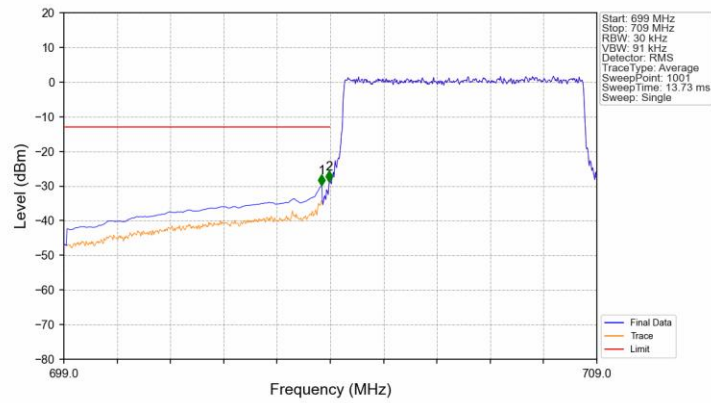
Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV



Band17 5MHz 16QAM LCH 706.5MHz RB 1 0 NTV

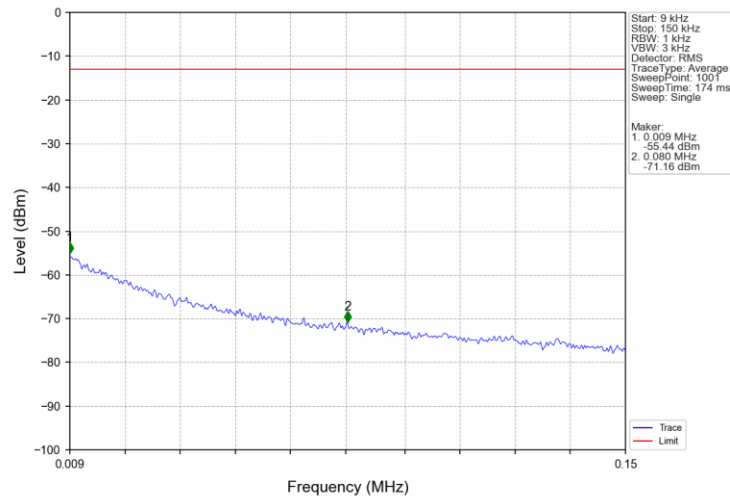


Band17 5MHz 16QAM LCH 706.5MHz RB 25 0 NTV

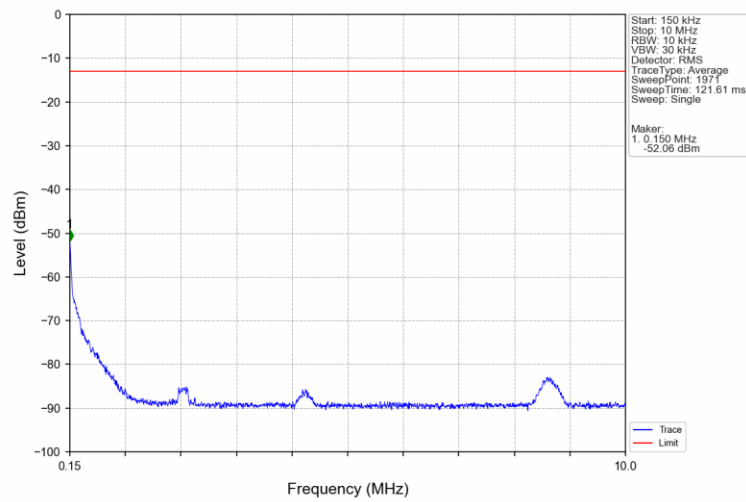


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	ChP	1	703.840	-29.84	-13	Pass
703.9	704	0.03	/	2	703.980	-28.77	-13	Pass
704	709	0.03	/	/	/	/	/	/

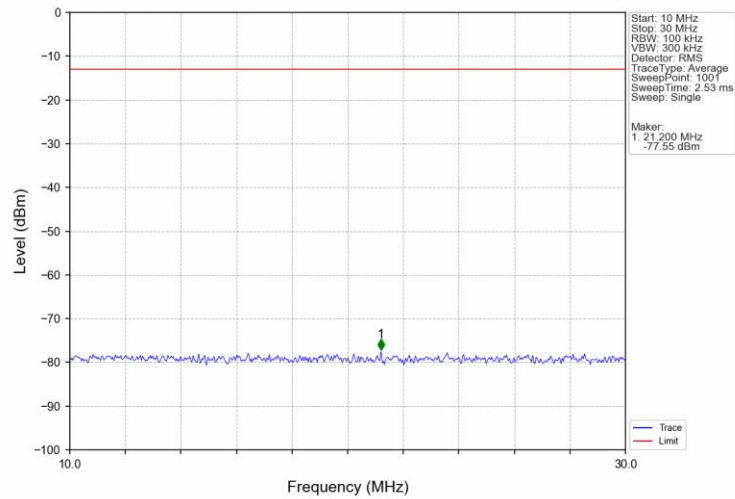
Band17 5MHz 16QAM MCH 710MHz RB 1 0 NTN



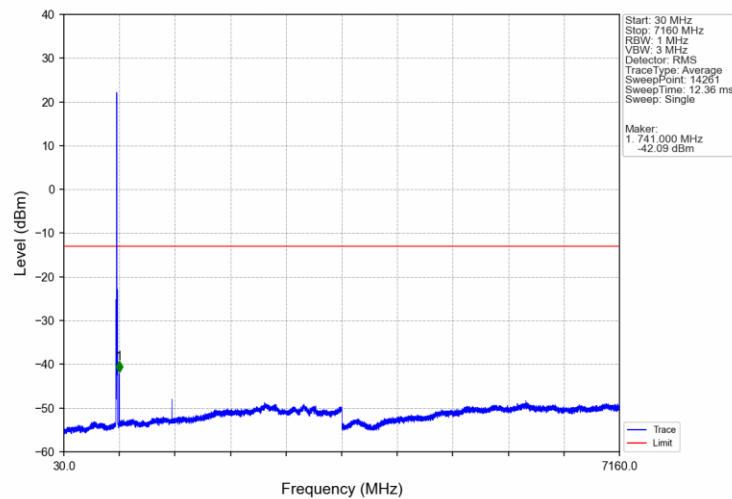
Band17 5MHz 16QAM MCH 710MHz RB 1 0 NTN



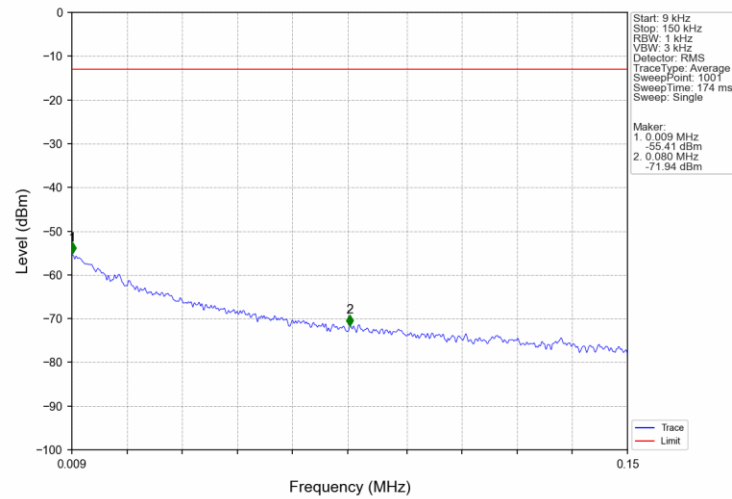
Band17 5MHz 16QAM MCH 710MHz RB 1 0 NTN



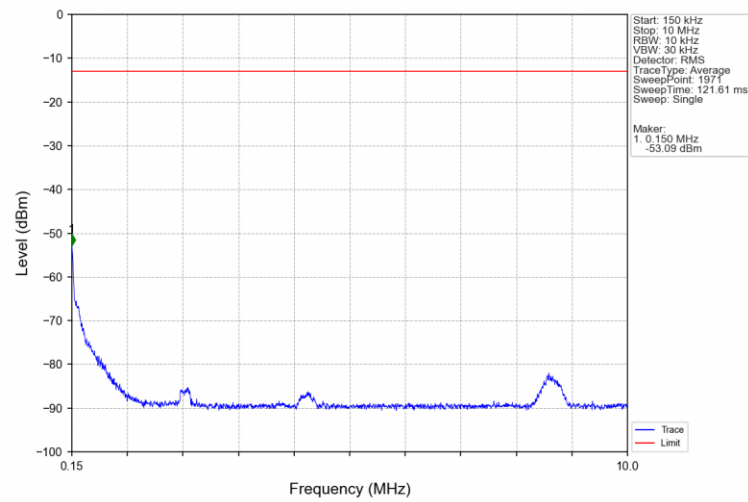
Band17 5MHz 16QAM MCH 710MHz RB 1 0 NTN



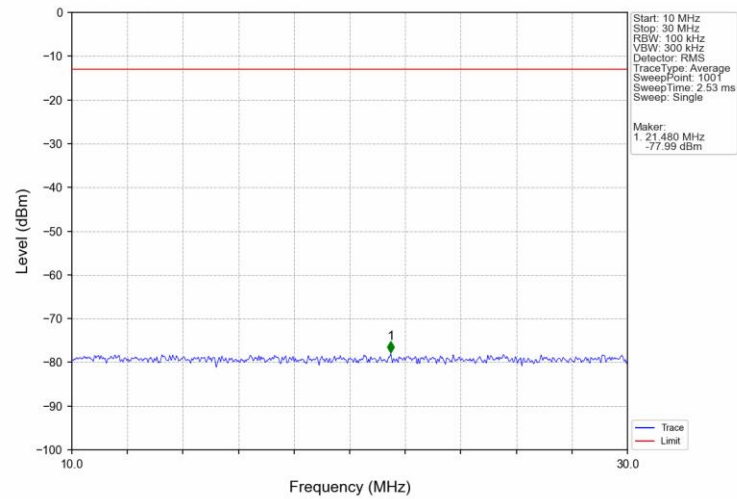
Band17 5MHz 16QAM HCH 713.5MHz RB 1 0 NTV



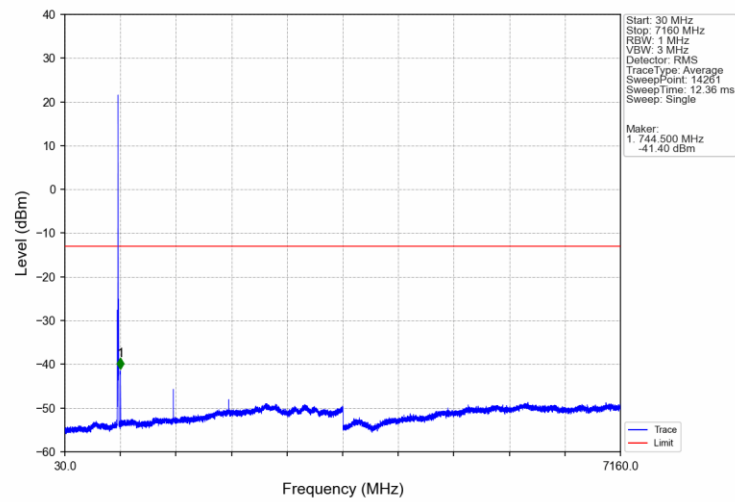
Band17 5MHz 16QAM HCH 713.5MHz RB 1 0 NTV



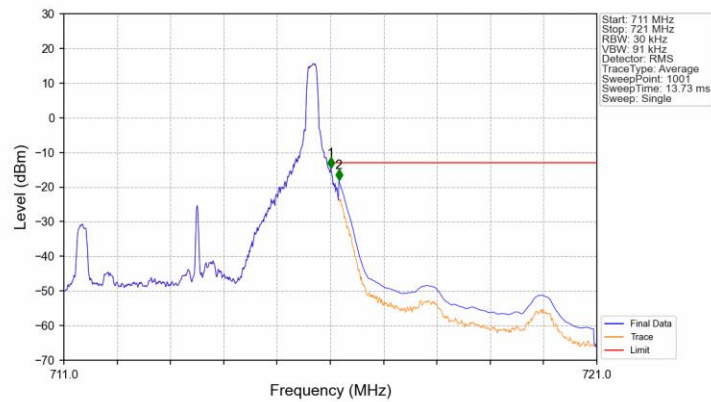
Band17 5MHz 16QAM HCH 713.5MHz RB 1 0 NTV



Band17 5MHz 16QAM HCH 713.5MHz RB 1 0 NTV

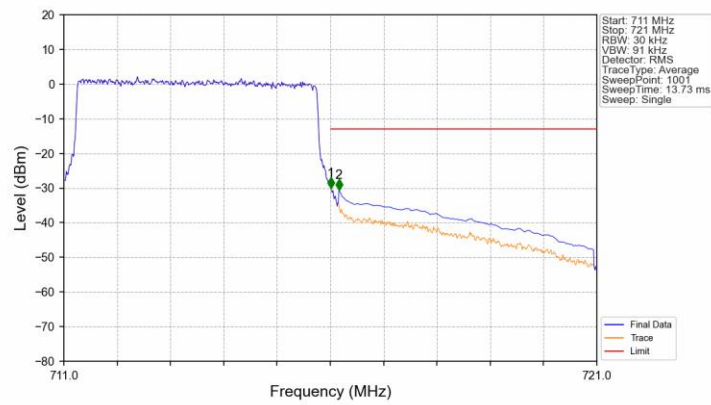


Band17 5MHz 16QAM HCH 713.5MHz RB 1 24 NTNV



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	-14.62	-13	Pass
716.1	721	0.1	CHP	2	716.160	-18.08	-13	Pass

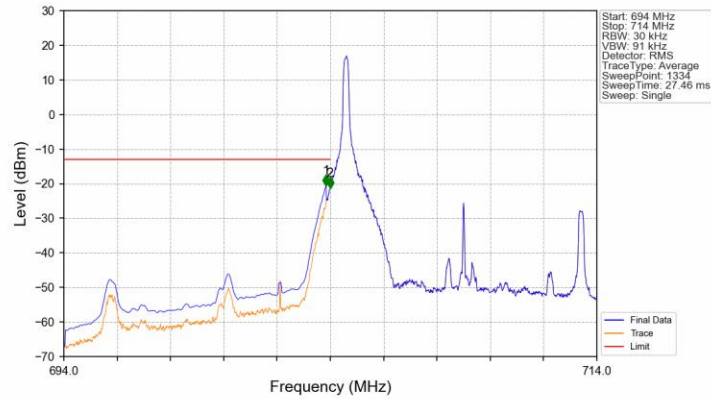
Band17 5MHz 16QAM HCH 713.5MHz RB 25 0 NTNV



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	-30.05	-13	Pass
716.1	721	0.1	CHP	2	716.160	-30.61	-13	Pass

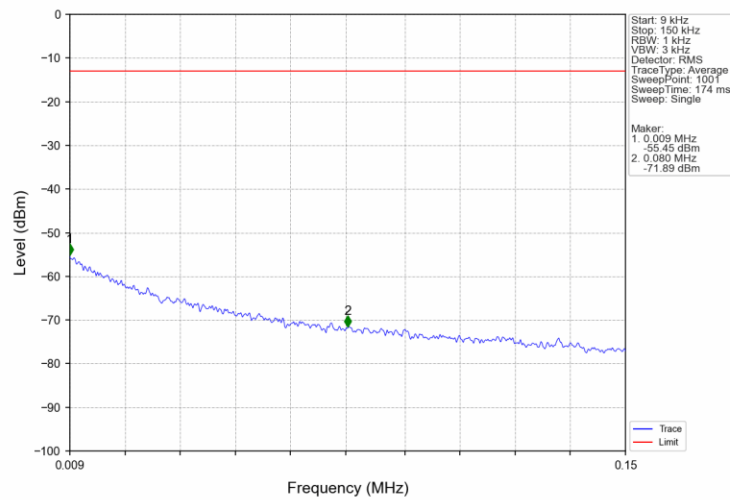
6.2.2 B17_10MHz

Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV

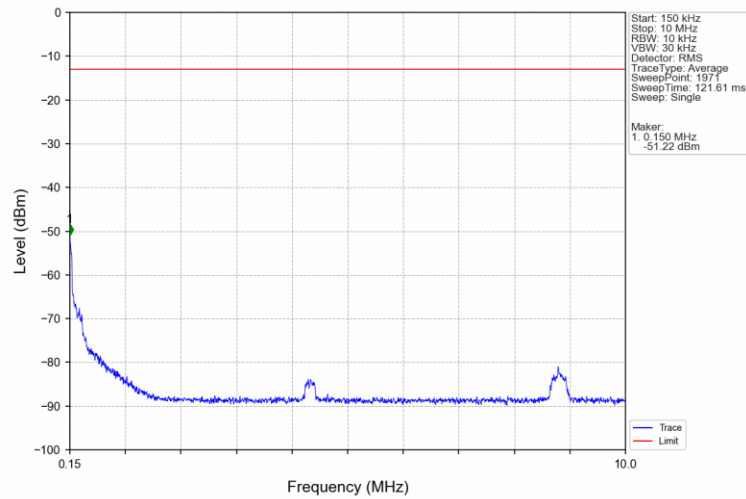


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-20.58	-13	Pass
703.9	704	0.03	/	2	703.992	-21.34	-13	Pass
704	714	0.03	/	/	/	/	/	/

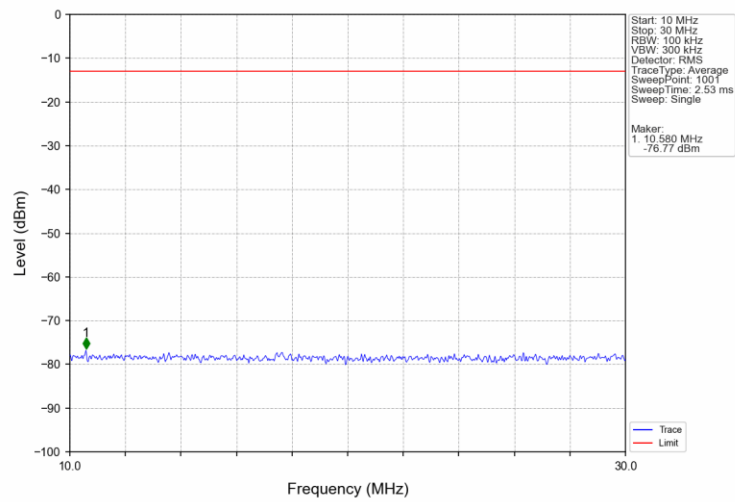
Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV



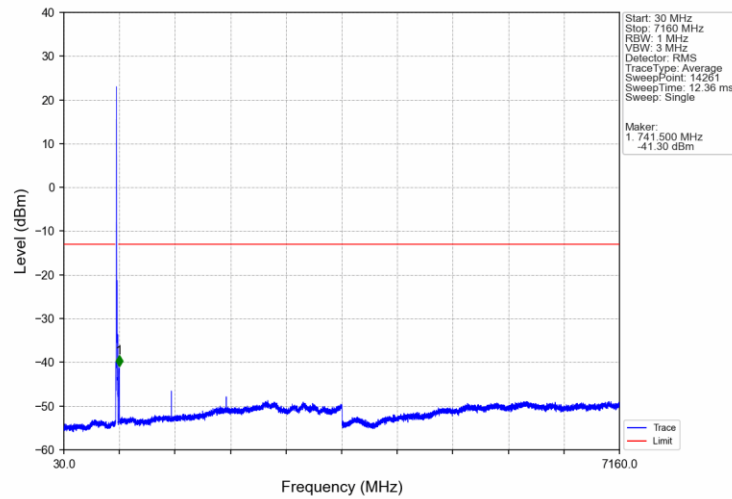
Band17 10MHz QPSK LCH 709MHz RB 1 0 NTN



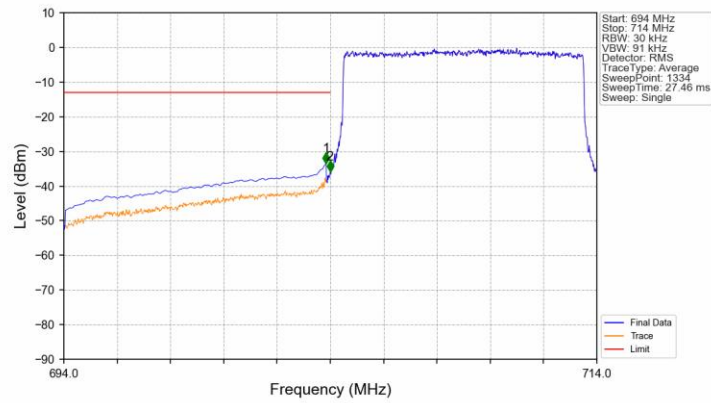
Band17 10MHz QPSK LCH 709MHz RB 1 0 NTN



Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV

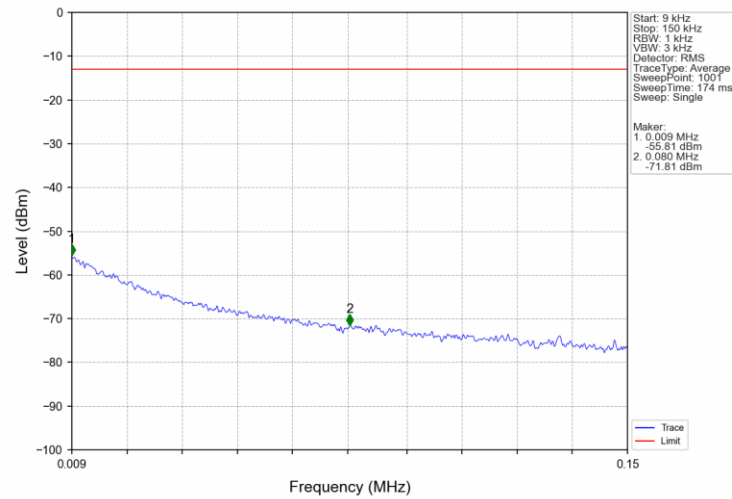


Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



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	-33.46	-13	Pass
703.9	704	0.03	/	2	703.992	-35.90	-13	Pass
704	714	0.03	/	/	/	/	/	/

Band17 10MHz QPSK MCH 710MHz RB 1 0 NTN



Band17 10MHz QPSK MCH 710MHz RB 1 0 NTN

