

1. Effective (Isotropic) Radiated Power Output Data

1.1 B17_5MHz_ERP

1.1.1 Test Result

Band: 17 / Bandwidth: 5MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	706.5	1	0	20.94	0.41	19.20	<=34.77	Pass
			13	20.66	0.41	18.92	<=34.77	Pass
			24	21.69	0.41	19.95	<=34.77	Pass
		12	0	20.27	0.41	18.53	<=34.77	Pass
			6	20.36	0.41	18.62	<=34.77	Pass
			13	20.88	0.41	19.14	<=34.77	Pass
		25	0	20.52	0.41	18.78	<=34.77	Pass
	710	1	0	20.89	0.41	19.15	<=34.77	Pass
			13	22.38	0.41	20.64	<=34.77	Pass
			24	21.00	0.41	19.26	<=34.77	Pass
		12	0	21.63	0.41	19.89	<=34.77	Pass
			6	22.15	0.41	20.41	<=34.77	Pass
			13	21.81	0.41	20.07	<=34.77	Pass
	25	0	21.74	0.41	20.00	<=34.77	Pass	
	713.5	1	0	21.83	0.41	20.09	<=34.77	Pass
			13	19.61	0.41	17.87	<=34.77	Pass
			24	18.97	0.41	17.23	<=34.77	Pass
		12	0	20.79	0.41	19.05	<=34.77	Pass
			6	19.83	0.41	18.09	<=34.77	Pass
			13	19.07	0.41	17.33	<=34.77	Pass
		25	0	19.99	0.41	18.25	<=34.77	Pass
16QAM		706.5	1	0	20.08	0.41	18.34	<=34.77
	13			20.16	0.41	18.42	<=34.77	Pass
	24			21.32	0.41	19.58	<=34.77	Pass
	12		0	20.04	0.41	18.30	<=34.77	Pass
			6	20.19	0.41	18.45	<=34.77	Pass
			13	20.76	0.41	19.02	<=34.77	Pass
	25		0	20.37	0.41	18.63	<=34.77	Pass
	710	1	0	20.89	0.41	19.15	<=34.77	Pass
			13	22.36	0.41	20.62	<=34.77	Pass
			24	20.98	0.41	19.24	<=34.77	Pass
		12	0	21.55	0.41	19.81	<=34.77	Pass
			6	22.08	0.41	20.34	<=34.77	Pass
			13	21.76	0.41	20.02	<=34.77	Pass
	25	0	21.72	0.41	19.98	<=34.77	Pass	
	713.5	1	0	21.88	0.41	20.14	<=34.77	Pass
			13	19.74	0.41	18.00	<=34.77	Pass
			24	19.17	0.41	17.43	<=34.77	Pass
		12	0	20.76	0.41	19.02	<=34.77	Pass
			6	19.81	0.41	18.07	<=34.77	Pass
			13	19.07	0.41	17.33	<=34.77	Pass
		25	0	19.91	0.41	18.17	<=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 / NTVN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	709	1	0	20.33	0.41	18.59	<=34.77	Pass
			25	21.93	0.41	20.19	<=34.77	Pass
			49	19.81	0.41	18.07	<=34.77	Pass
		25	0	20.52	0.41	18.78	<=34.77	Pass
			13	21.60	0.41	19.86	<=34.77	Pass
			25	21.49	0.41	19.75	<=34.77	Pass
		50	0	20.98	0.41	19.24	<=34.77	Pass
	710	1	0	19.77	0.41	18.03	<=34.77	Pass
			25	22.07	0.41	20.33	<=34.77	Pass
			49	18.89	0.41	17.15	<=34.77	Pass
		25	0	20.87	0.41	19.13	<=34.77	Pass
			13	21.61	0.41	19.87	<=34.77	Pass
			25	20.82	0.41	19.08	<=34.77	Pass
		50	0	20.85	0.41	19.11	<=34.77	Pass
	711	1	0	20.10	0.41	18.36	<=34.77	Pass
			25	21.79	0.41	20.05	<=34.77	Pass
			49	18.79	0.41	17.05	<=34.77	Pass
		25	0	21.44	0.41	19.70	<=34.77	Pass
			13	21.47	0.41	19.73	<=34.77	Pass
			25	20.12	0.41	18.38	<=34.77	Pass
		50	0	20.81	0.41	19.07	<=34.77	Pass
16QAM	709	1	0	19.86	0.41	18.12	<=34.77	Pass
			25	21.74	0.41	20.00	<=34.77	Pass
			49	19.54	0.41	17.80	<=34.77	Pass
		25	0	20.48	0.41	18.74	<=34.77	Pass
			13	21.55	0.41	19.81	<=34.77	Pass
			25	21.41	0.41	19.67	<=34.77	Pass
		50	0	20.91	0.41	19.17	<=34.77	Pass
	710	1	0	19.82	0.41	18.08	<=34.77	Pass
			25	22.22	0.41	20.48	<=34.77	Pass
			49	19.01	0.41	17.27	<=34.77	Pass
		25	0	20.93	0.41	19.19	<=34.77	Pass
			13	21.62	0.41	19.88	<=34.77	Pass
			25	20.81	0.41	19.07	<=34.77	Pass
		50	0	20.86	0.41	19.12	<=34.77	Pass
	711	1	0	20.58	0.41	18.84	<=34.77	Pass
			25	22.29	0.41	20.55	<=34.77	Pass
			49	19.31	0.41	17.57	<=34.77	Pass
		25	0	21.46	0.41	19.72	<=34.77	Pass
			13	21.50	0.41	19.76	<=34.77	Pass
			25	20.14	0.41	18.40	<=34.77	Pass
		50	0	20.83	0.41	19.09	<=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	-0.243	-0.0003	-2.5 to 2.5	Pass
					3.85	0.730	0.0010	-2.5 to 2.5	Pass
					4.43	-4.506	-0.0064	-2.5 to 2.5	Pass
				-30	3.85	-3.562	-0.0050	-2.5 to 2.5	Pass
				-20	3.85	-2.975	-0.0042	-2.5 to 2.5	Pass
				-10	3.85	-2.689	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-3.748	-0.0053	-2.5 to 2.5	Pass
				10	3.85	-5.178	-0.0073	-2.5 to 2.5	Pass
				30	3.85	-4.249	-0.0060	-2.5 to 2.5	Pass
				40	3.85	-19.398	-0.0275	-2.5 to 2.5	Pass
				50	3.85	-2.861	-0.0040	-2.5 to 2.5	Pass
	710	25	0	20	3.27	-3.333	-0.0047	-2.5 to 2.5	Pass
					3.85	-6.895	-0.0097	-2.5 to 2.5	Pass
					4.43	-5.164	-0.0073	-2.5 to 2.5	Pass
				-30	3.85	-5.608	-0.0079	-2.5 to 2.5	Pass
				-20	3.85	-6.051	-0.0085	-2.5 to 2.5	Pass
				-10	3.85	-6.151	-0.0087	-2.5 to 2.5	Pass
				0	3.85	-10.114	-0.0142	-2.5 to 2.5	Pass
				10	3.85	-6.123	-0.0086	-2.5 to 2.5	Pass
				30	3.85	-3.791	-0.0053	-2.5 to 2.5	Pass
				40	3.85	-3.934	-0.0055	-2.5 to 2.5	Pass
				50	3.85	-4.277	-0.0060	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-3.977	-0.0056	-2.5 to 2.5	Pass
					3.85	-9.527	-0.0134	-2.5 to 2.5	Pass
					4.43	-2.389	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-8.726	-0.0122	-2.5 to 2.5	Pass
				-20	3.85	-5.865	-0.0082	-2.5 to 2.5	Pass
				-10	3.85	-7.582	-0.0106	-2.5 to 2.5	Pass
				0	3.85	-6.795	-0.0095	-2.5 to 2.5	Pass
				10	3.85	-7.496	-0.0105	-2.5 to 2.5	Pass
				30	3.85	-6.280	-0.0088	-2.5 to 2.5	Pass
				40	3.85	-6.266	-0.0088	-2.5 to 2.5	Pass
				50	3.85	-7.696	-0.0108	-2.5 to 2.5	Pass
16QAM	706.5	25	0	20	3.27	-1.359	-0.0019	-2.5 to 2.5	Pass
					3.85	-5.150	-0.0073	-2.5 to 2.5	Pass
					4.43	-3.362	-0.0048	-2.5 to 2.5	Pass
				-30	3.85	-4.091	-0.0058	-2.5 to 2.5	Pass
				-20	3.85	-7.353	-0.0104	-2.5 to 2.5	Pass
				-10	3.85	-7.854	-0.0111	-2.5 to 2.5	Pass
				0	3.85	-2.661	-0.0038	-2.5 to 2.5	Pass
				10	3.85	-2.732	-0.0039	-2.5 to 2.5	Pass
				30	3.85	-3.977	-0.0056	-2.5 to 2.5	Pass
				40	3.85	-5.150	-0.0073	-2.5 to 2.5	Pass
				50	3.85	-1.559	-0.0022	-2.5 to 2.5	Pass
	710	25	0	20	3.27	-2.704	-0.0038	-2.5 to 2.5	Pass
					3.85	-6.351	-0.0089	-2.5 to 2.5	Pass
					4.43	-5.736	-0.0081	-2.5 to 2.5	Pass
				-30	3.85	-5.021	-0.0071	-2.5 to 2.5	Pass
				-20	3.85	-4.706	-0.0066	-2.5 to 2.5	Pass
				-10	3.85	-4.907	-0.0069	-2.5 to 2.5	Pass
				0	3.85	-5.307	-0.0075	-2.5 to 2.5	Pass
				10	3.85	-8.941	-0.0126	-2.5 to 2.5	Pass
				30	3.85	-7.410	-0.0104	-2.5 to 2.5	Pass
				40	3.85	-6.437	-0.0091	-2.5 to 2.5	Pass

	713.5	25	0	50	3.85	-5.493	-0.0077	-2.5 to 2.5	Pass
				20	3.27	-6.695	-0.0094	-2.5 to 2.5	Pass
					3.85	-0.243	-0.0003	-2.5 to 2.5	Pass
					4.43	-8.483	-0.0119	-2.5 to 2.5	Pass
				-30	3.85	-9.484	-0.0133	-2.5 to 2.5	Pass
				-20	3.85	-6.580	-0.0092	-2.5 to 2.5	Pass
				-10	3.85	-5.007	-0.0070	-2.5 to 2.5	Pass
				0	3.85	-6.151	-0.0086	-2.5 to 2.5	Pass
				10	3.85	-2.990	-0.0042	-2.5 to 2.5	Pass
				30	3.85	-4.492	-0.0063	-2.5 to 2.5	Pass
				40	3.85	-8.912	-0.0125	-2.5 to 2.5	Pass
				50	3.85	-9.656	-0.0135	-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	-4.277	-0.0060	-2.5 to 2.5	Pass
					3.85	-3.676	-0.0052	-2.5 to 2.5	Pass
					4.43	-4.277	-0.0060	-2.5 to 2.5	Pass
				-30	3.85	-5.221	-0.0074	-2.5 to 2.5	Pass
				-20	3.85	-3.033	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	-5.779	-0.0082	-2.5 to 2.5	Pass
				0	3.85	-3.204	-0.0045	-2.5 to 2.5	Pass
				10	3.85	-5.651	-0.0080	-2.5 to 2.5	Pass
				30	3.85	-6.480	-0.0091	-2.5 to 2.5	Pass
				40	3.85	-5.593	-0.0079	-2.5 to 2.5	Pass
				50	3.85	-7.925	-0.0112	-2.5 to 2.5	Pass
	710	50	0	20	3.27	-4.520	-0.0064	-2.5 to 2.5	Pass
					3.85	-3.791	-0.0053	-2.5 to 2.5	Pass
					4.43	-5.422	-0.0076	-2.5 to 2.5	Pass
				-30	3.85	-2.918	-0.0041	-2.5 to 2.5	Pass
				-20	3.85	-5.522	-0.0078	-2.5 to 2.5	Pass
				-10	3.85	-6.552	-0.0092	-2.5 to 2.5	Pass
				0	3.85	-5.164	-0.0073	-2.5 to 2.5	Pass
				10	3.85	-0.730	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-3.705	-0.0052	-2.5 to 2.5	Pass
				40	3.85	-6.037	-0.0085	-2.5 to 2.5	Pass
				50	3.85	-4.692	-0.0066	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-7.582	-0.0107	-2.5 to 2.5	Pass
					3.85	-3.719	-0.0052	-2.5 to 2.5	Pass
					4.43	-6.266	-0.0088	-2.5 to 2.5	Pass
				-30	3.85	-4.048	-0.0057	-2.5 to 2.5	Pass
				-20	3.85	-5.708	-0.0080	-2.5 to 2.5	Pass
				-10	3.85	-4.191	-0.0059	-2.5 to 2.5	Pass
				0	3.85	-3.891	-0.0055	-2.5 to 2.5	Pass
				10	3.85	-5.207	-0.0073	-2.5 to 2.5	Pass
				30	3.85	-4.249	-0.0060	-2.5 to 2.5	Pass
				40	3.85	-6.480	-0.0091	-2.5 to 2.5	Pass
				50	3.85	-3.061	-0.0043	-2.5 to 2.5	Pass
16QAM	709	50	0	20	3.27	-5.765	-0.0081	-2.5 to 2.5	Pass
					3.85	-5.822	-0.0082	-2.5 to 2.5	Pass

					4.43	-4.463	-0.0063	-2.5 to 2.5	Pass
				-30	3.85	-3.791	-0.0053	-2.5 to 2.5	Pass
				-20	3.85	-6.223	-0.0088	-2.5 to 2.5	Pass
				-10	3.85	-4.807	-0.0068	-2.5 to 2.5	Pass
				0	3.85	-6.738	-0.0095	-2.5 to 2.5	Pass
				10	3.85	-6.895	-0.0097	-2.5 to 2.5	Pass
				30	3.85	-6.495	-0.0092	-2.5 to 2.5	Pass
				40	3.85	-3.948	-0.0056	-2.5 to 2.5	Pass
				50	3.85	-0.186	-0.0003	-2.5 to 2.5	Pass
	710	50	0	20	3.27	-5.307	-0.0075	-2.5 to 2.5	Pass
					3.85	-5.479	-0.0077	-2.5 to 2.5	Pass
					4.43	-5.322	-0.0075	-2.5 to 2.5	Pass
				-30	3.85	-5.851	-0.0082	-2.5 to 2.5	Pass
				-20	3.85	-4.277	-0.0060	-2.5 to 2.5	Pass
				-10	3.85	-2.789	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-0.086	-0.0001	-2.5 to 2.5	Pass
				10	3.85	-1.602	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-5.150	-0.0073	-2.5 to 2.5	Pass
				40	3.85	-5.493	-0.0077	-2.5 to 2.5	Pass
				50	3.85	-4.120	-0.0058	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-3.676	-0.0052	-2.5 to 2.5	Pass
					3.85	-6.866	-0.0097	-2.5 to 2.5	Pass
					4.43	-3.405	-0.0048	-2.5 to 2.5	Pass
				-30	3.85	-4.034	-0.0057	-2.5 to 2.5	Pass
				-20	3.85	-5.393	-0.0076	-2.5 to 2.5	Pass
				-10	3.85	-6.680	-0.0094	-2.5 to 2.5	Pass
				0	3.85	-3.748	-0.0053	-2.5 to 2.5	Pass
				10	3.85	-3.204	-0.0045	-2.5 to 2.5	Pass
				30	3.85	-6.480	-0.0091	-2.5 to 2.5	Pass
				40	3.85	-3.319	-0.0047	-2.5 to 2.5	Pass
				50	3.85	-6.738	-0.0095	-2.5 to 2.5	Pass

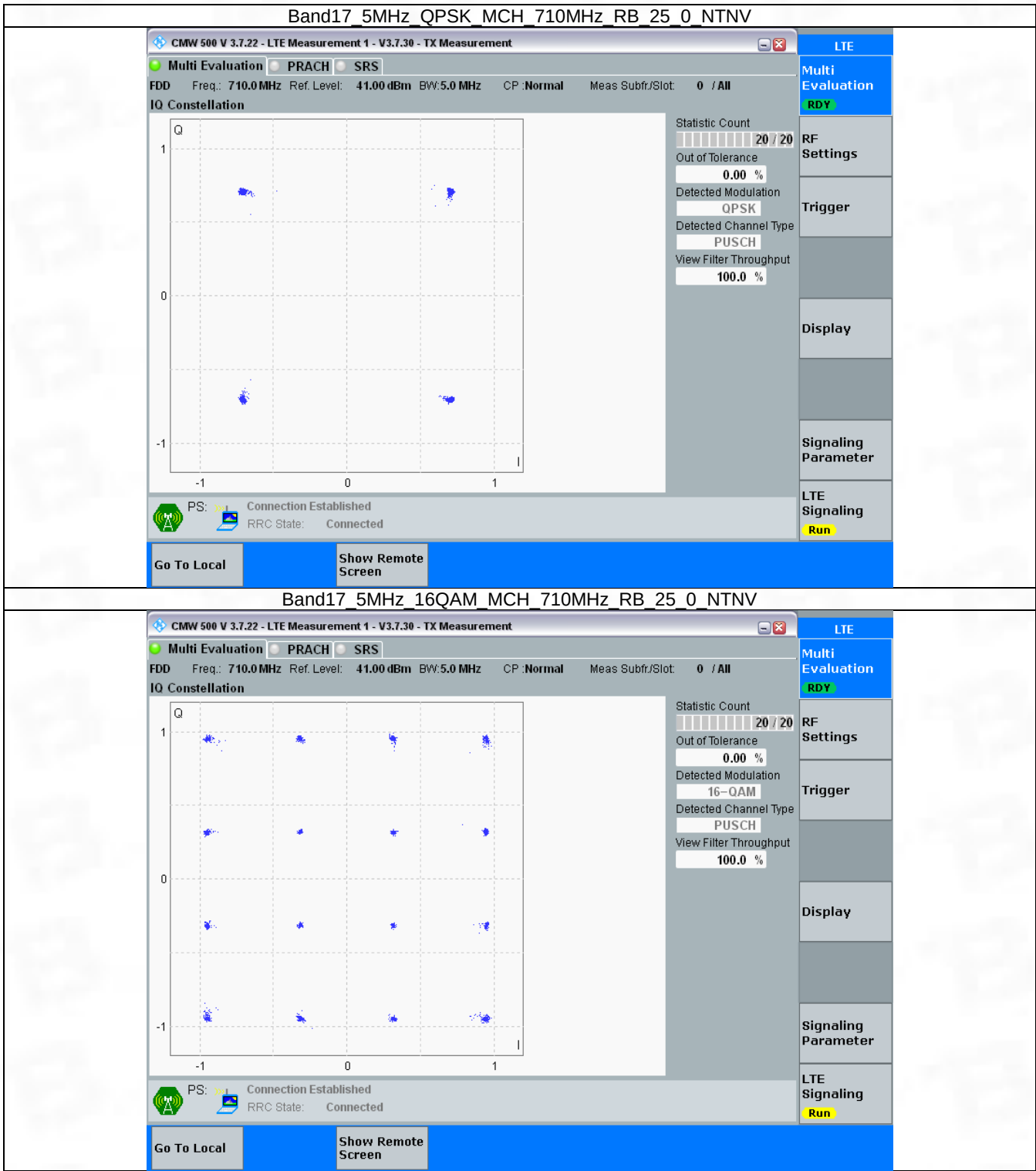
3. Modulation Characteristics

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

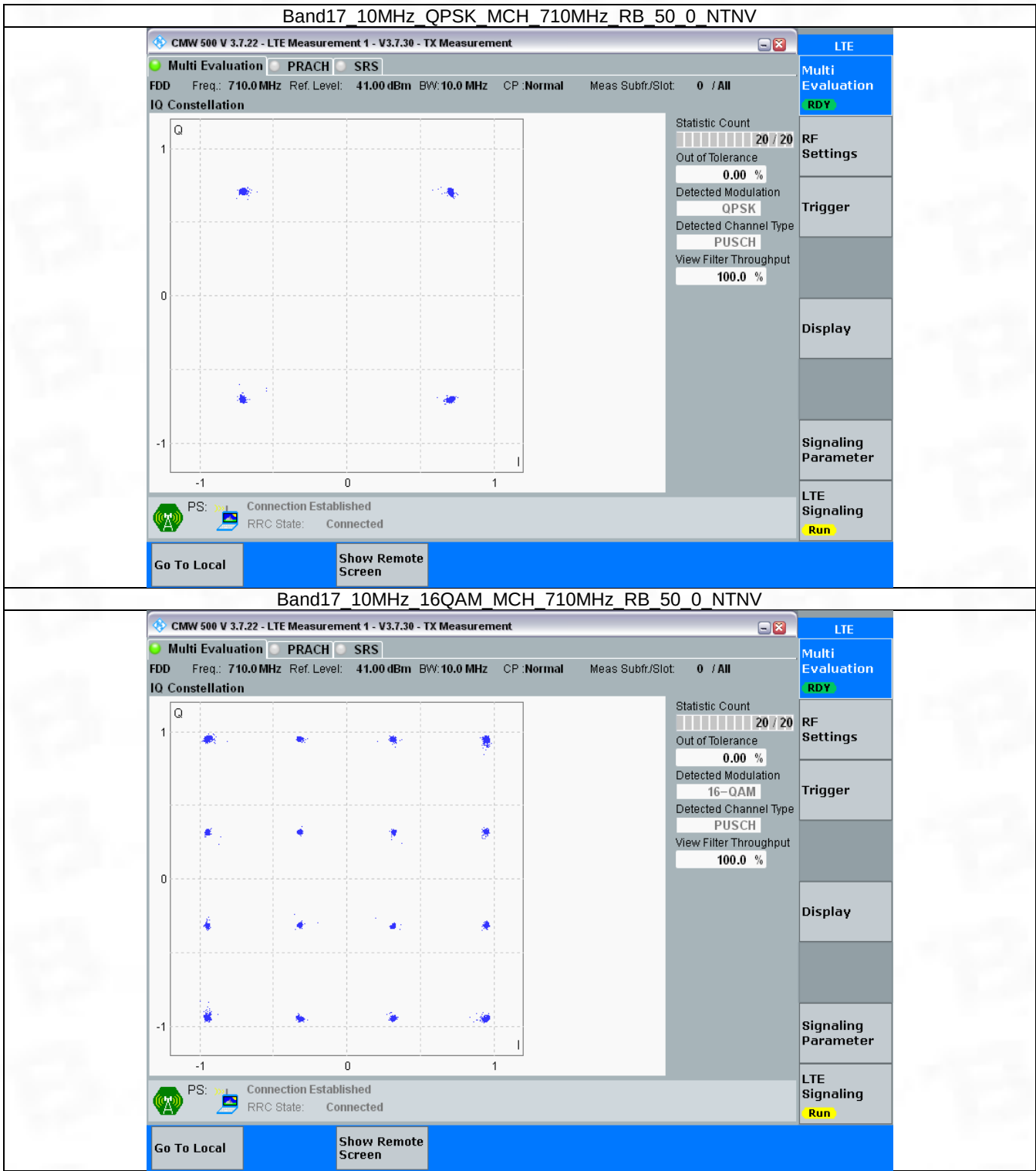


3.2 B17_10MHz

3.2.1 Test Result

Band: 17 / Bandwidth: 10MHz / NTV						
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



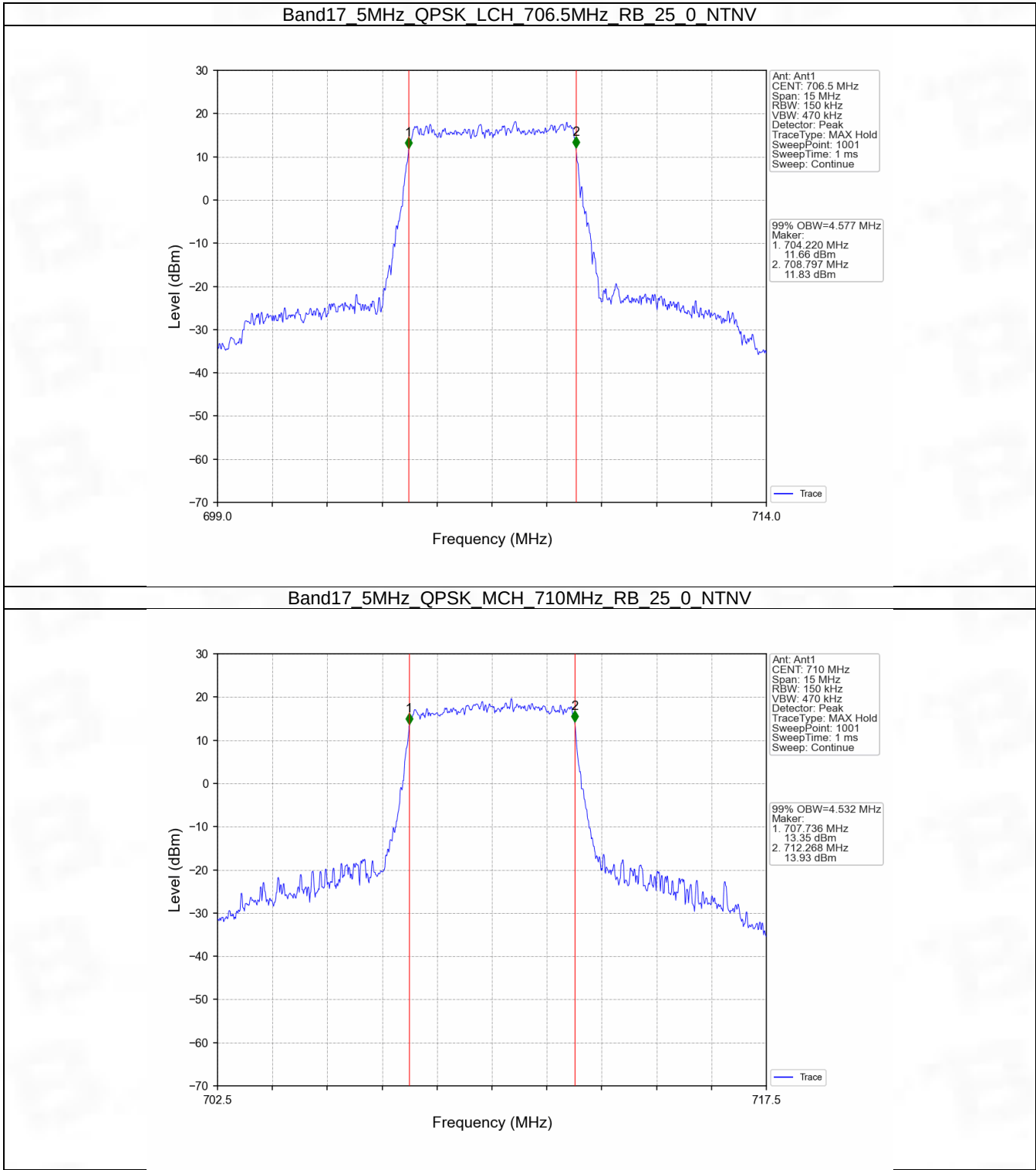
4. 99% & 26dB Bandwidth

4.1 Band17_OBW

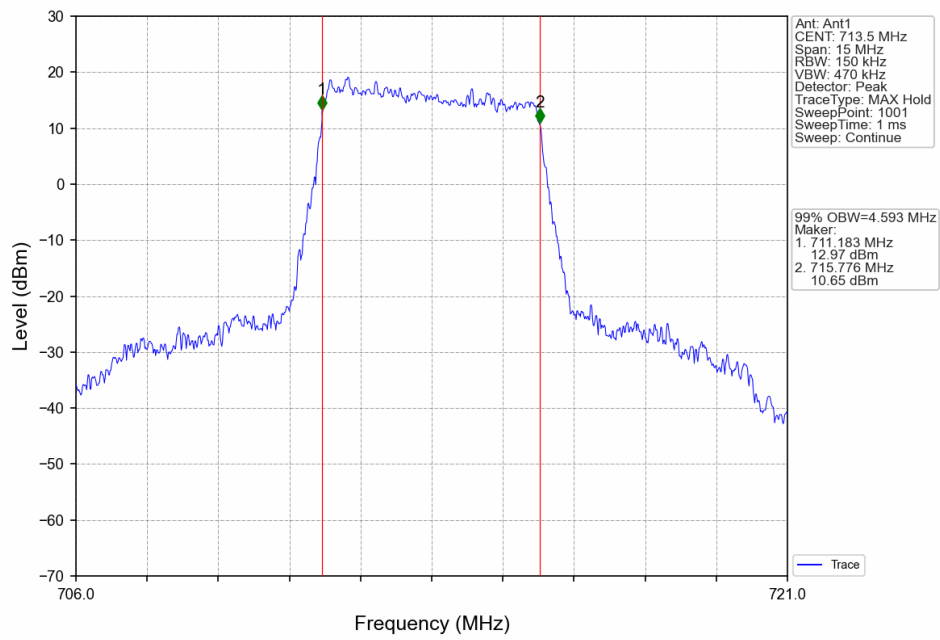
4.1.1 Test Result

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	4.577	/	Pass
		710	25	0	4.532	/	Pass
		713.5	25	0	4.593	/	Pass
	16QAM	706.5	25	0	4.599	/	Pass
		710	25	0	4.567	/	Pass
		713.5	25	0	4.570	/	Pass
10	QPSK	709	50	0	9.019	/	Pass
		710	50	0	8.983	/	Pass
		711	50	0	9.005	/	Pass
	16QAM	709	50	0	9.016	/	Pass
		710	50	0	8.987	/	Pass
		711	50	0	8.982	/	Pass

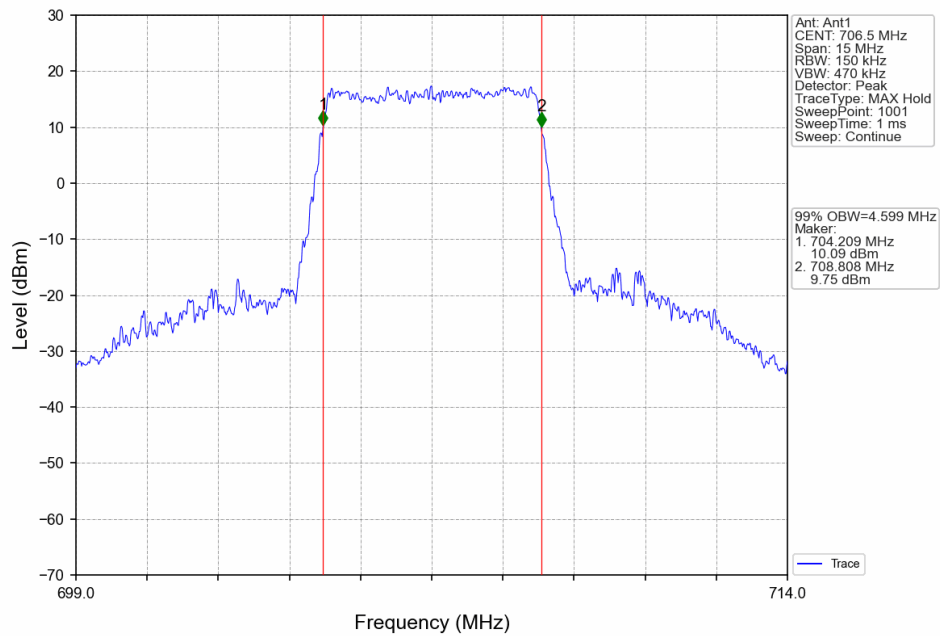
4.1.2 Test Graph



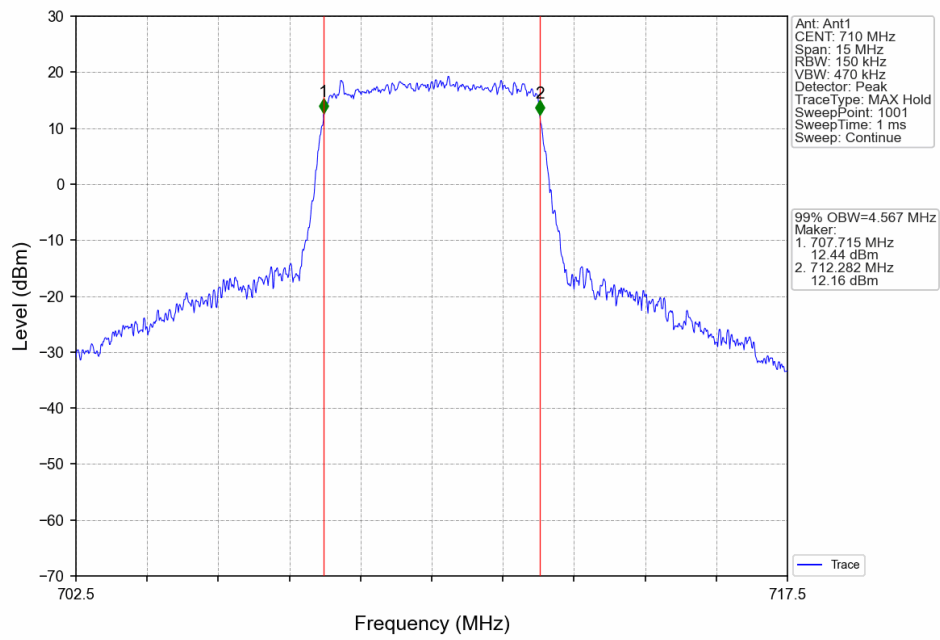
Band17 5MHz QPSK HCH 713.5MHz RB 25 0 NTNV



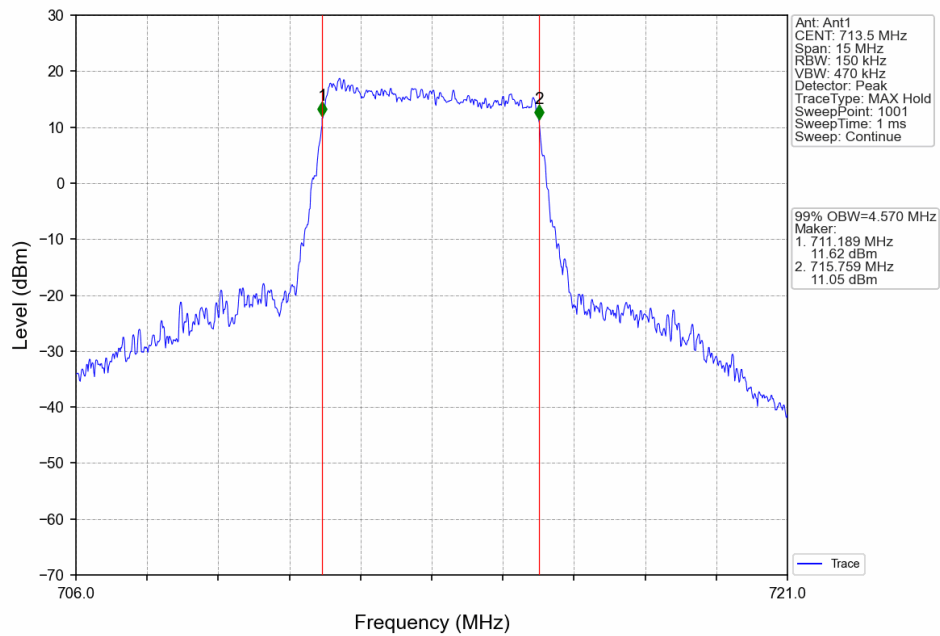
Band17 5MHz 16QAM LCH 706.5MHz RB 25 0 NTNV



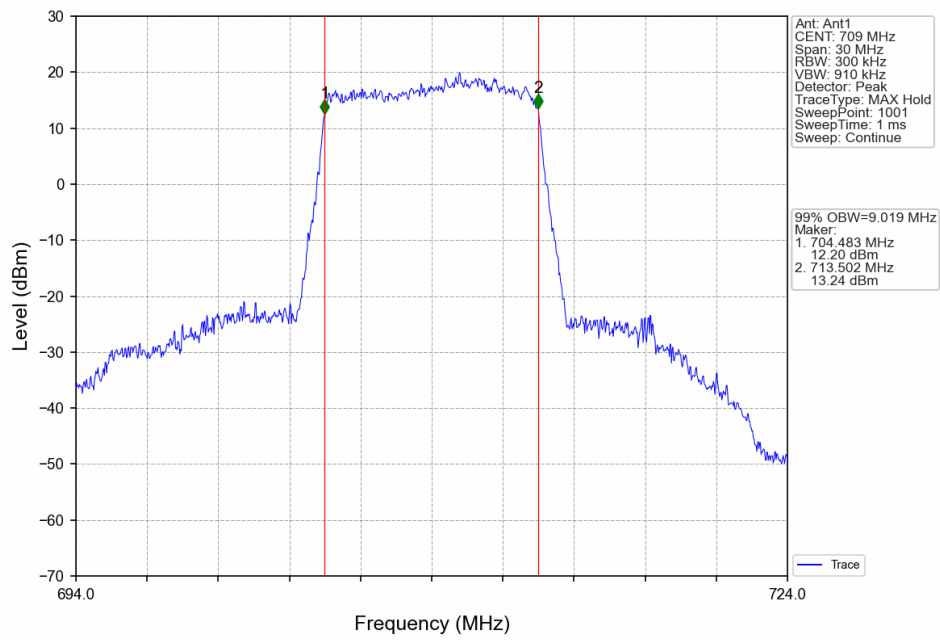
Band17 5MHz 16QAM MCH 710MHz RB 25 0 NTNV



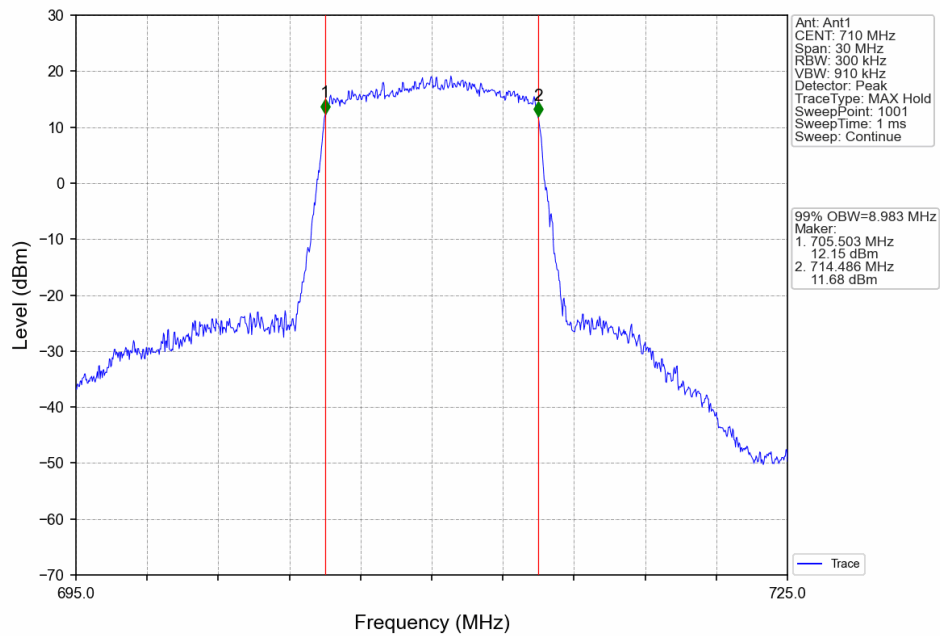
Band17 5MHz 16QAM HCH 713.5MHz RB 25 0 NTNV



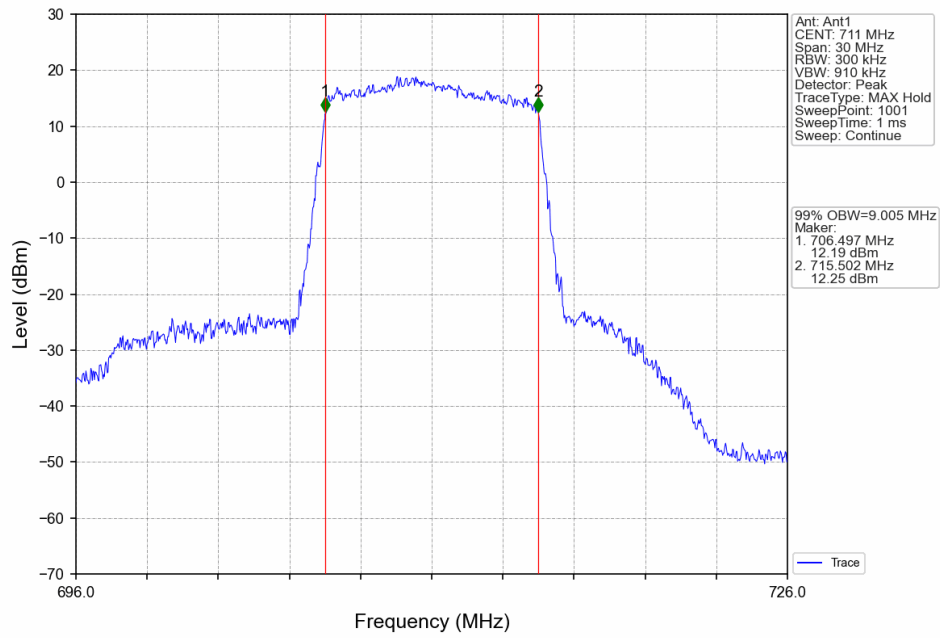
Band17 10MHz QPSK LCH 709MHz RB 50 0 NTN



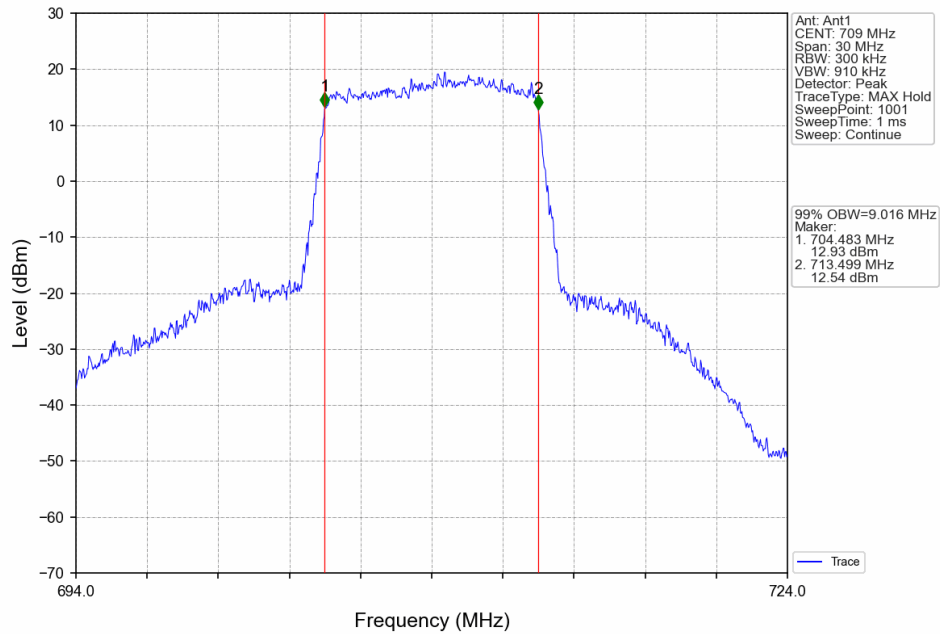
Band17 10MHz QPSK MCH 710MHz RB 50 0 NTN



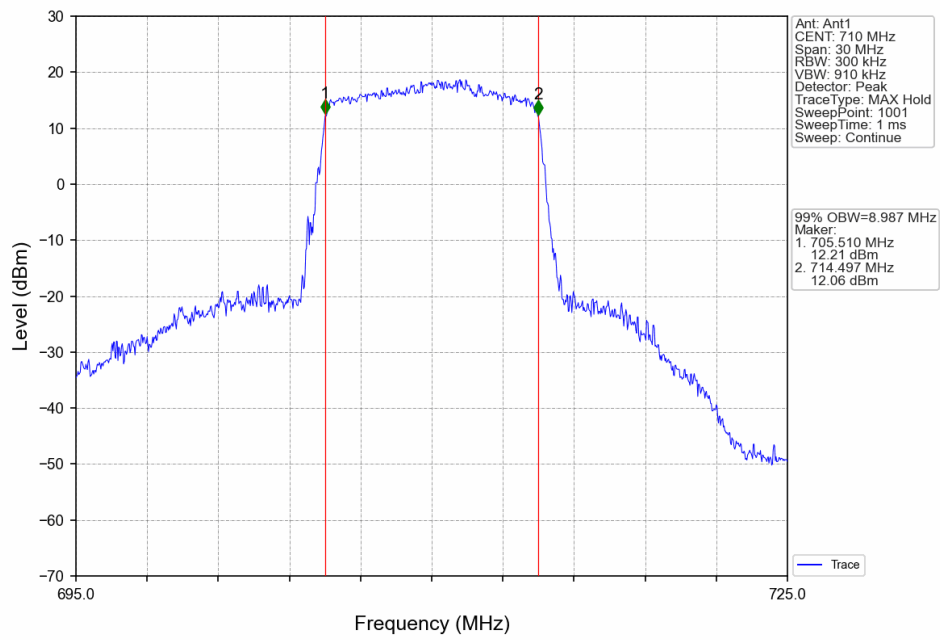
Band17 10MHz QPSK HCH 711MHz RB 50 0 NTNV



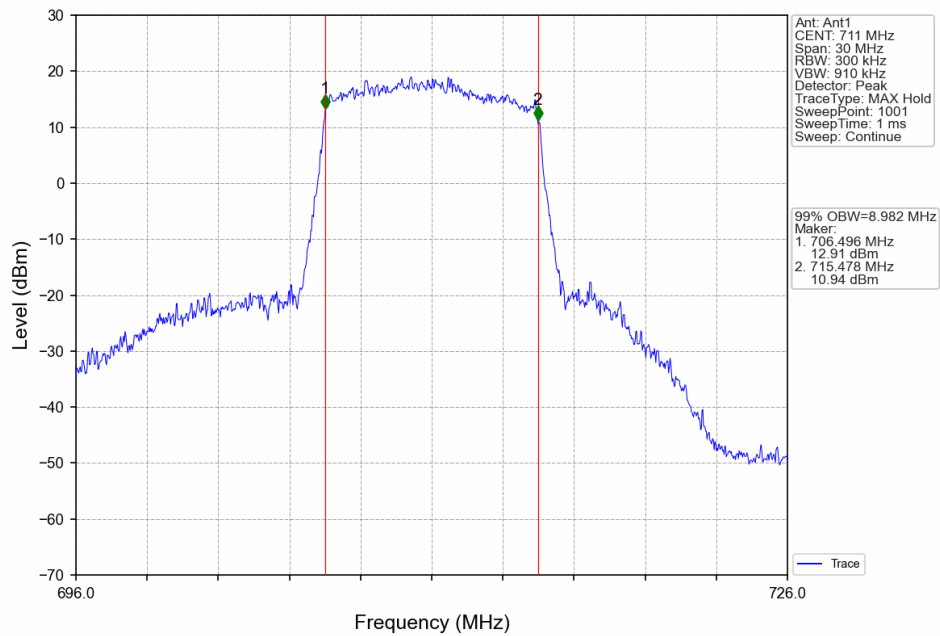
Band17 10MHz 16QAM LCH 709MHz RB 50 0 NTNV



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



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

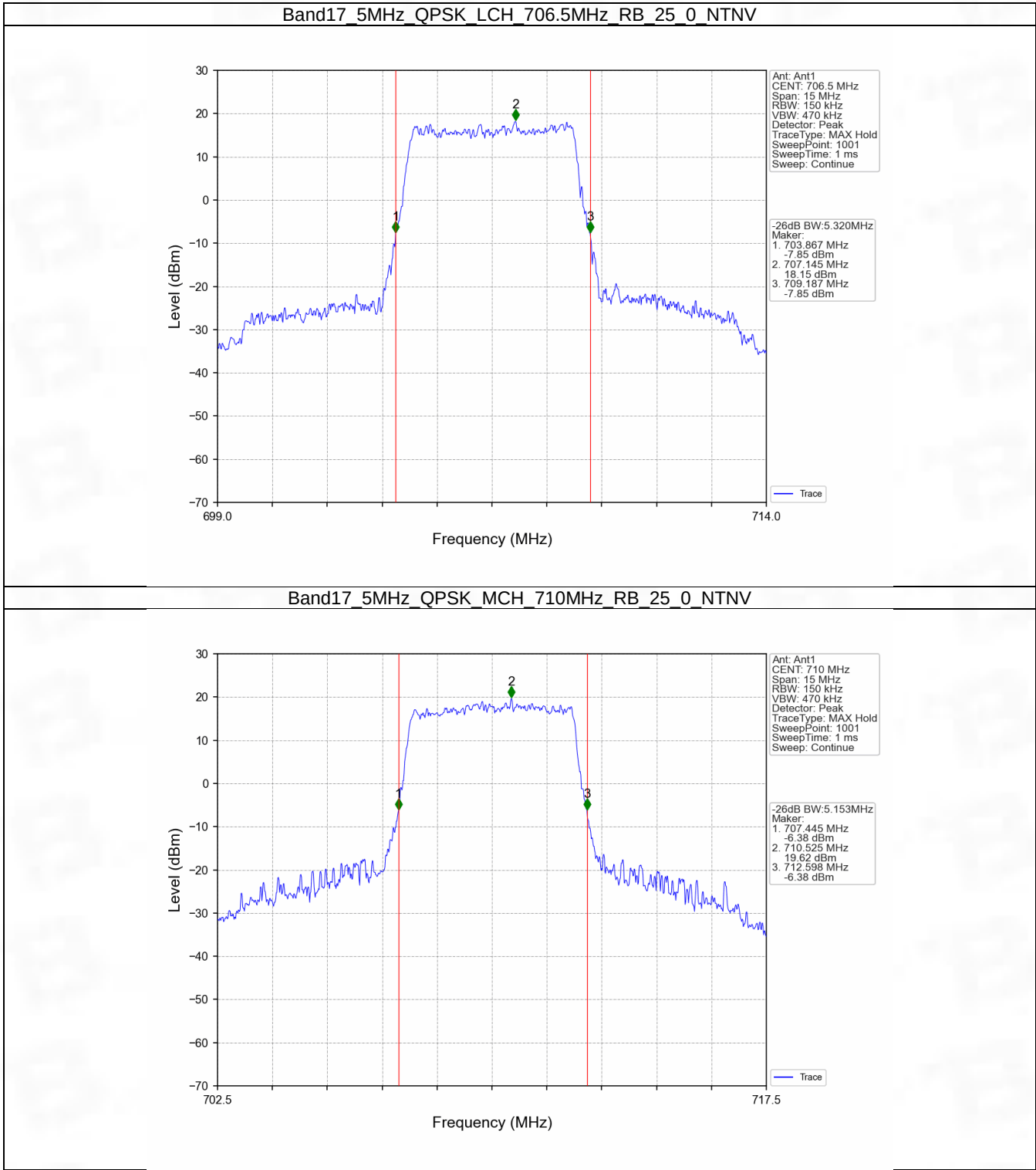


4.2 Band17_XDB

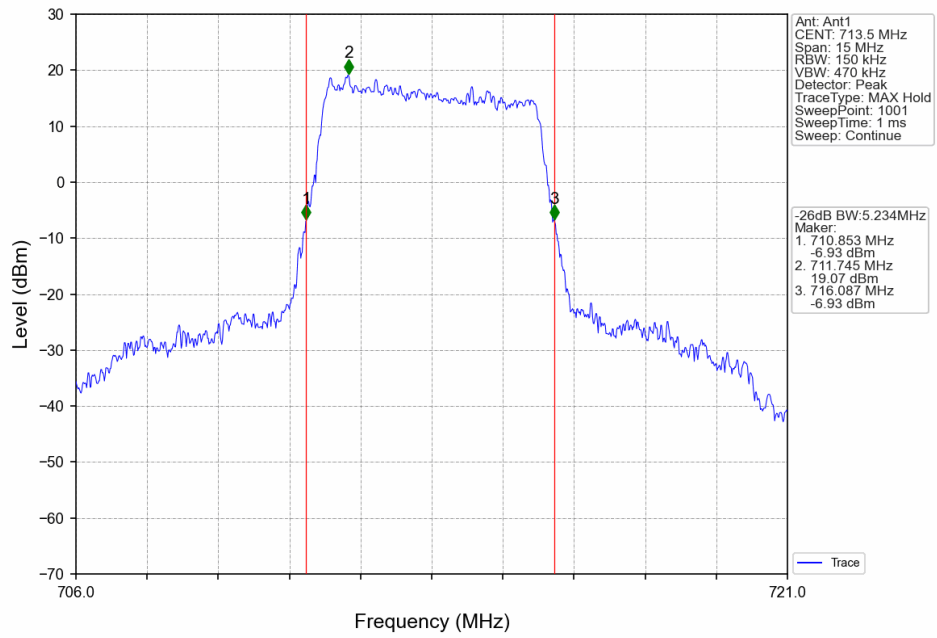
4.2.1 Test Result

Band: 17 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	706.5	25	0	5.320	/	Pass
		710	25	0	5.153	/	Pass
		713.5	25	0	5.234	/	Pass
	16QAM	706.5	25	0	5.299	/	Pass
		710	25	0	5.188	/	Pass
		713.5	25	0	5.153	/	Pass
10	QPSK	709	50	0	10.038	/	Pass
		710	50	0	10.124	/	Pass
		711	50	0	10.062	/	Pass
	16QAM	709	50	0	10.107	/	Pass
		710	50	0	10.241	/	Pass
		711	50	0	10.069	/	Pass

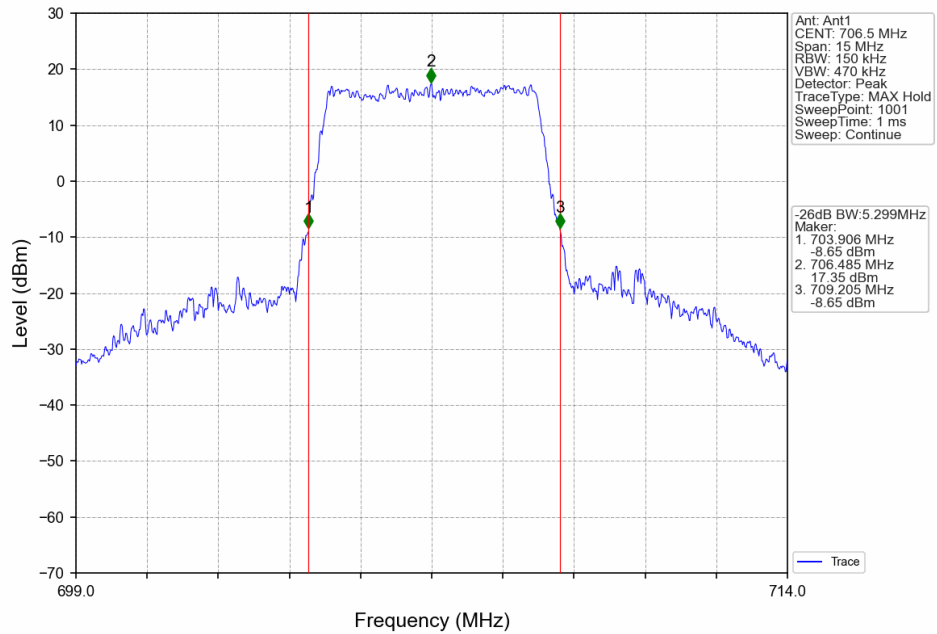
4.2.2 Test Graph



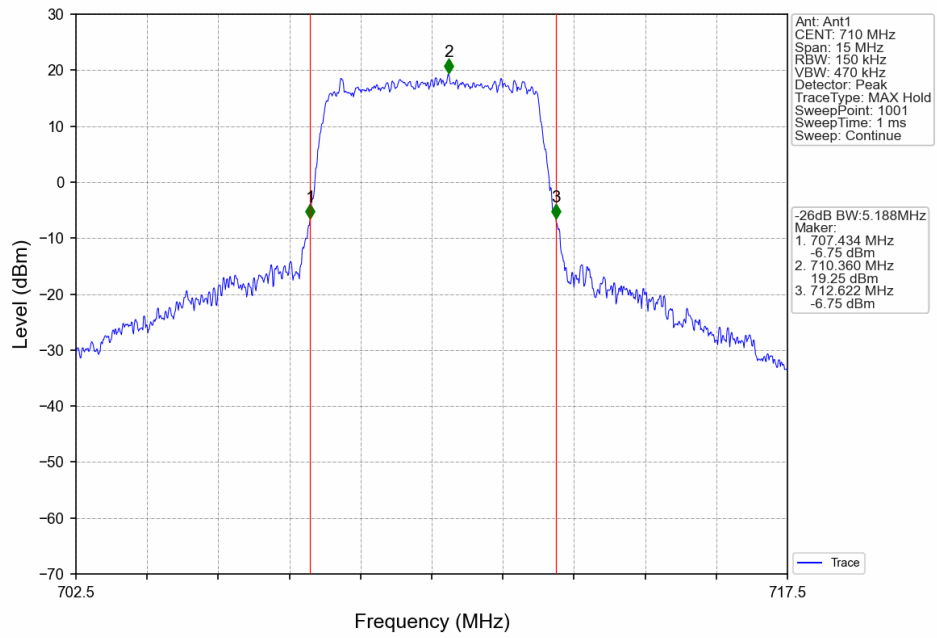
Band17 5MHz QPSK HCH 713.5MHz RB 25 0 NTN



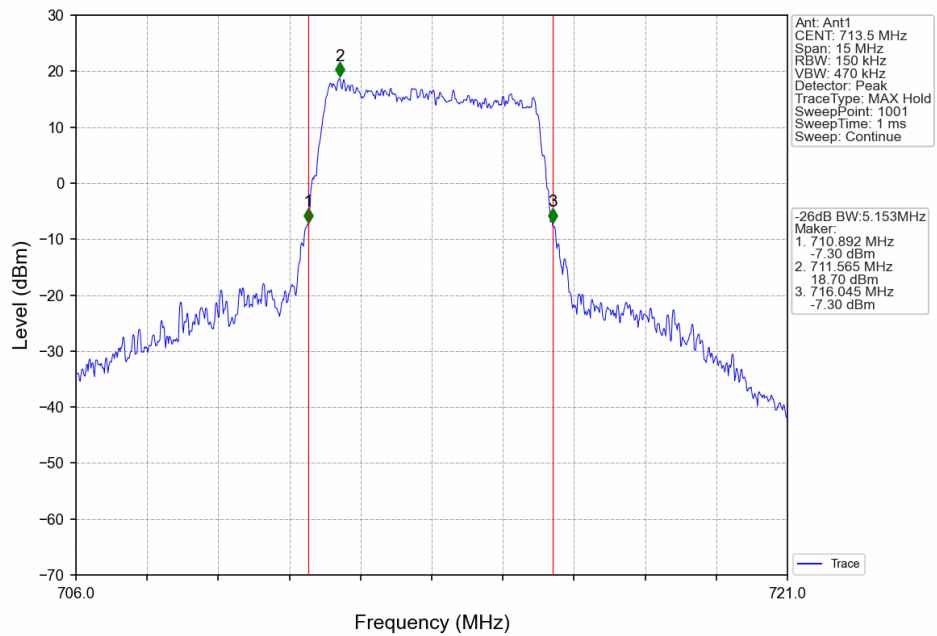
Band17 5MHz 16QAM LCH 706.5MHz RB 25 0 NTN



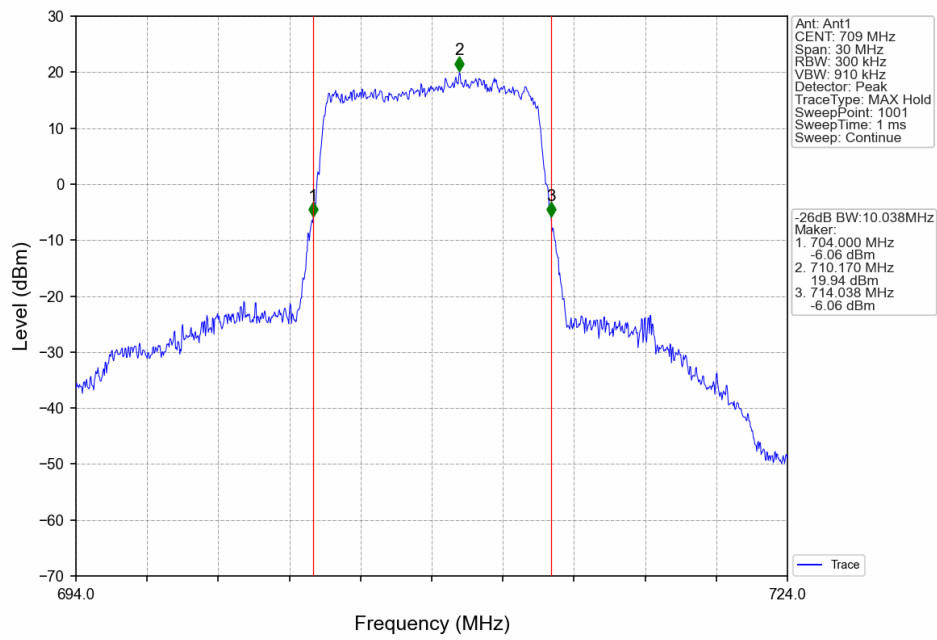
Band17 5MHz 16QAM MCH 710MHz RB 25 0 NTNV



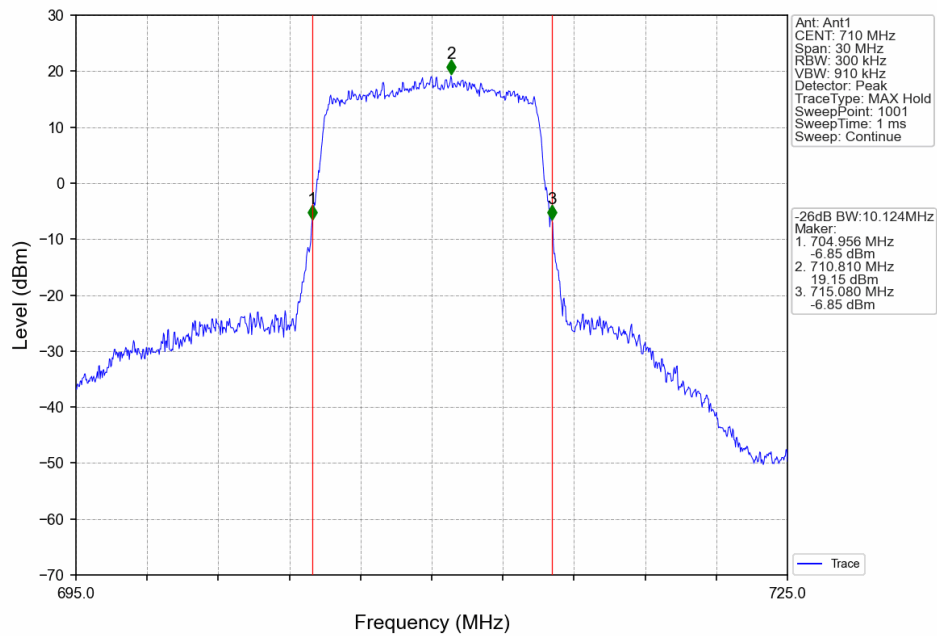
Band17 5MHz 16QAM HCH 713.5MHz RB 25 0 NTNV



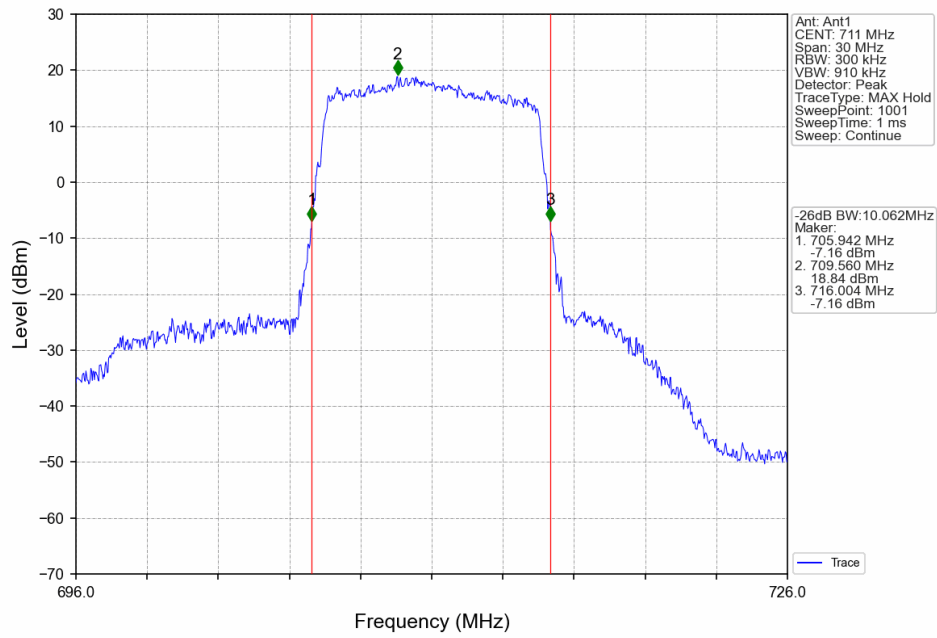
Band17 10MHz QPSK LCH 709MHz RB 50 0 NTN



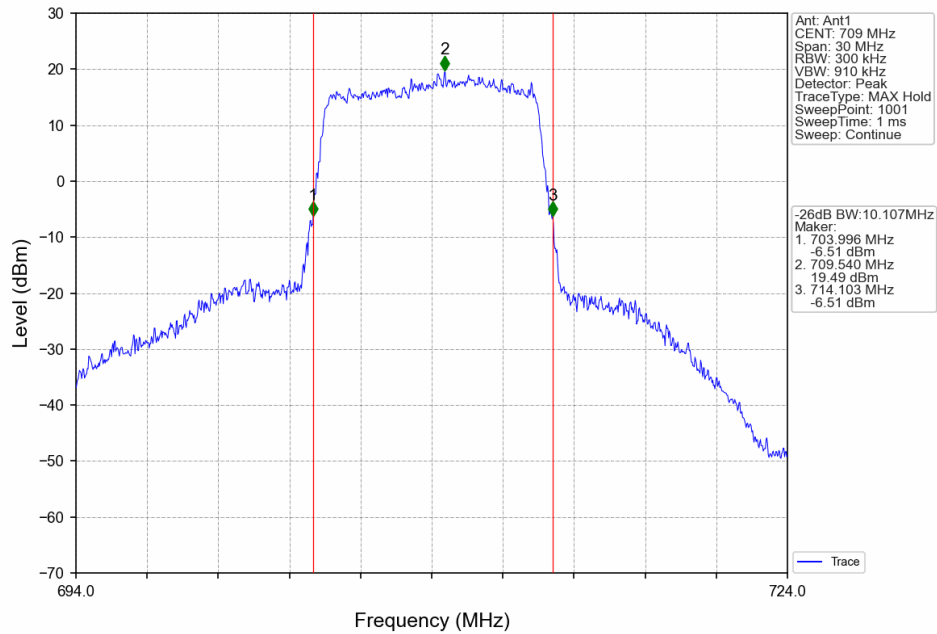
Band17 10MHz QPSK MCH 710MHz RB 50 0 NTN



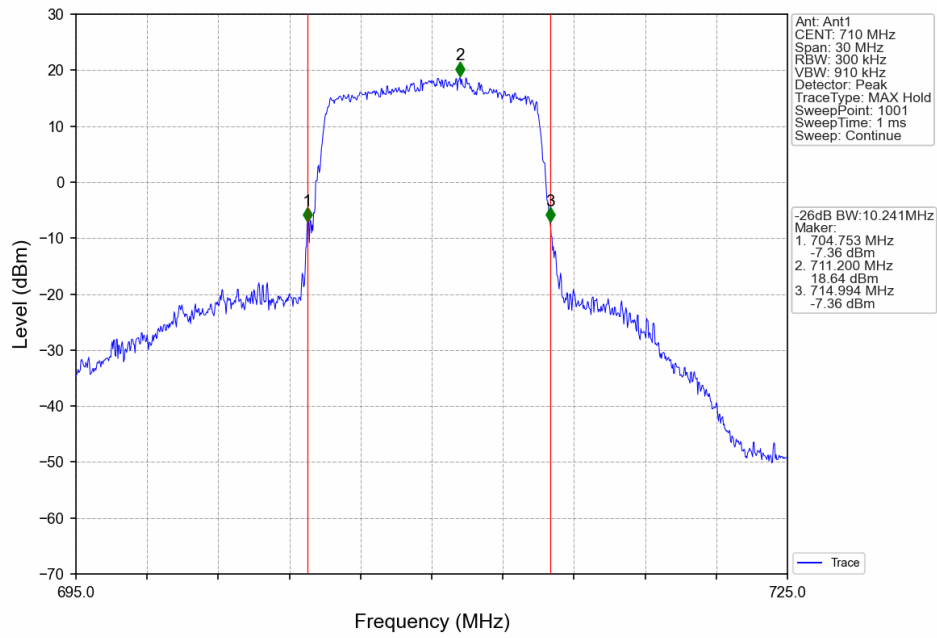
Band17 10MHz QPSK HCH 711MHz RB 50 0 NTNV



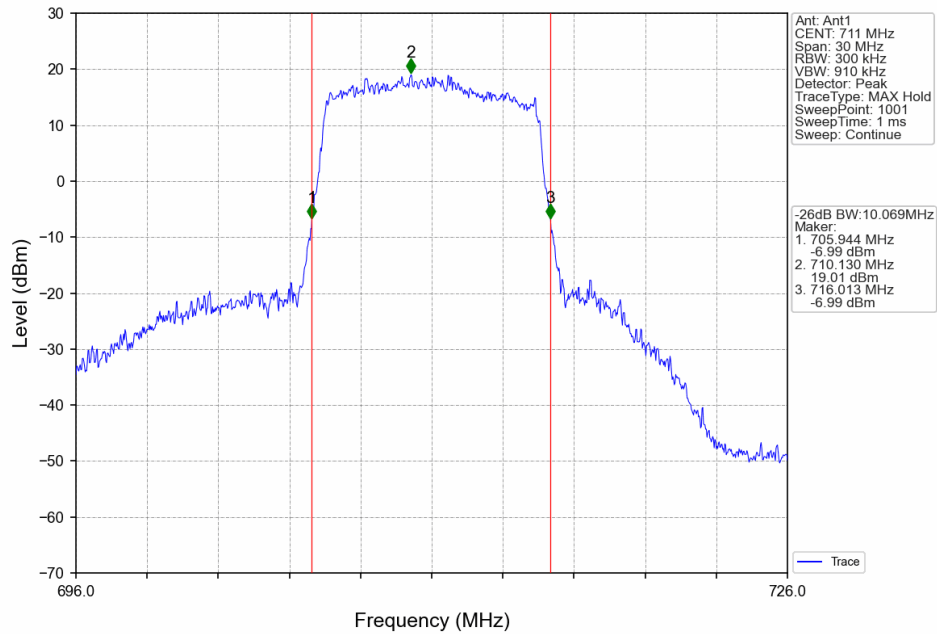
Band17 10MHz 16QAM LCH 709MHz RB 50 0 NTNV



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



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



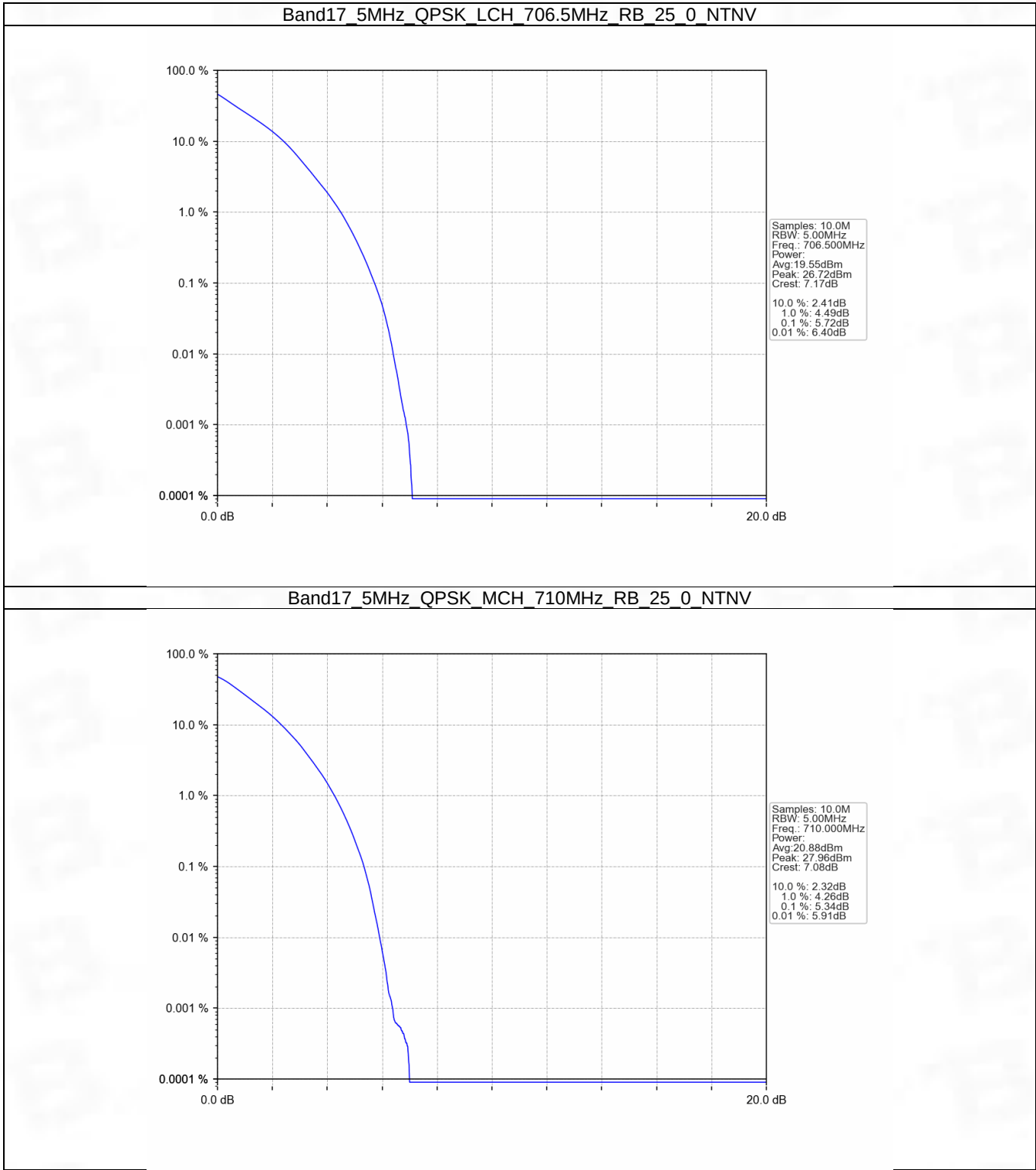
5. Peak-Average Ratio

5.1 B17_5MHz

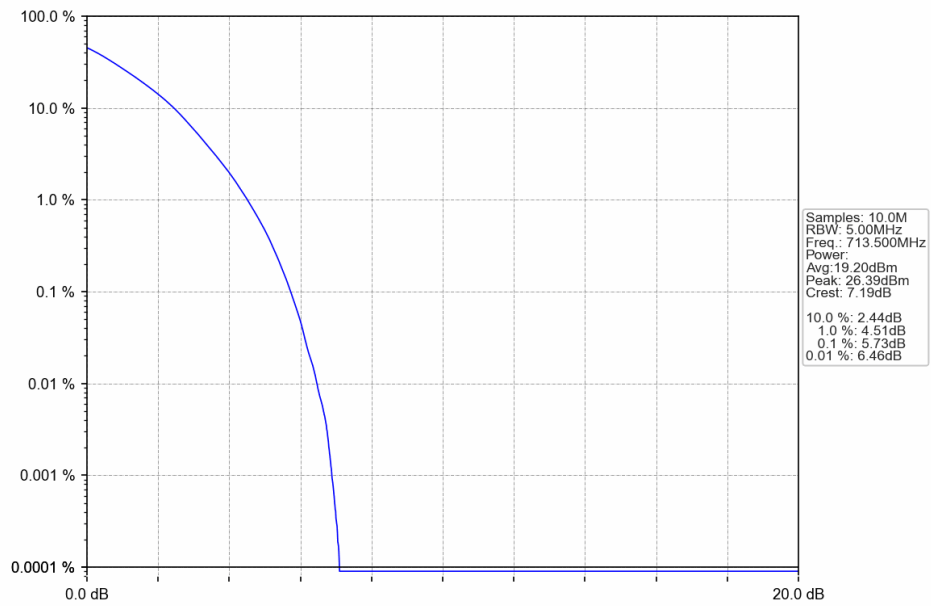
5.1.1 Test Result

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	5.34	<=13	Pass
	713.5	25	0	5.73	<=13	Pass
16QAM	706.5	25	0	6.26	<=13	Pass
	710	25	0	5.86	<=13	Pass
	713.5	25	0	6.29	<=13	Pass

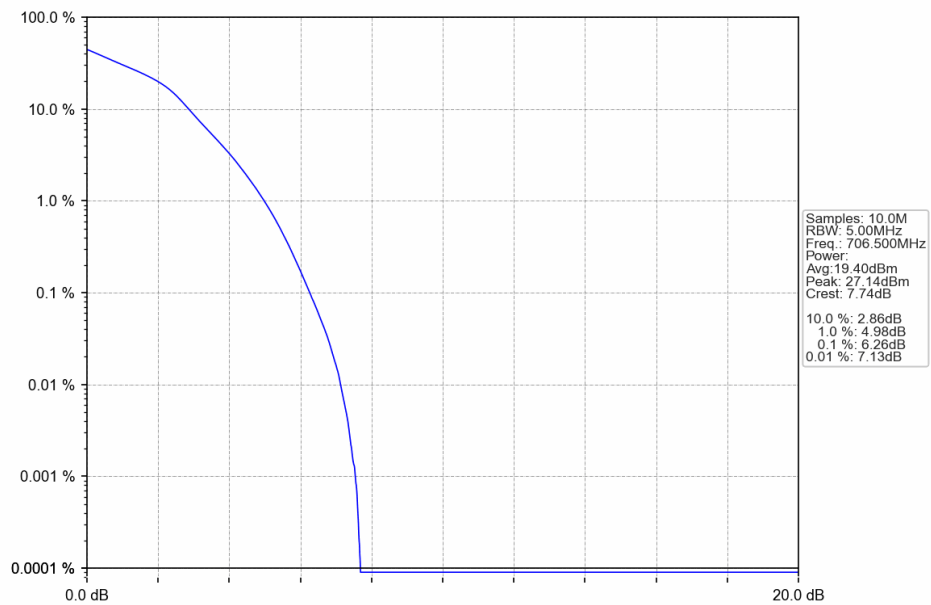
5.1.2 Test Graph



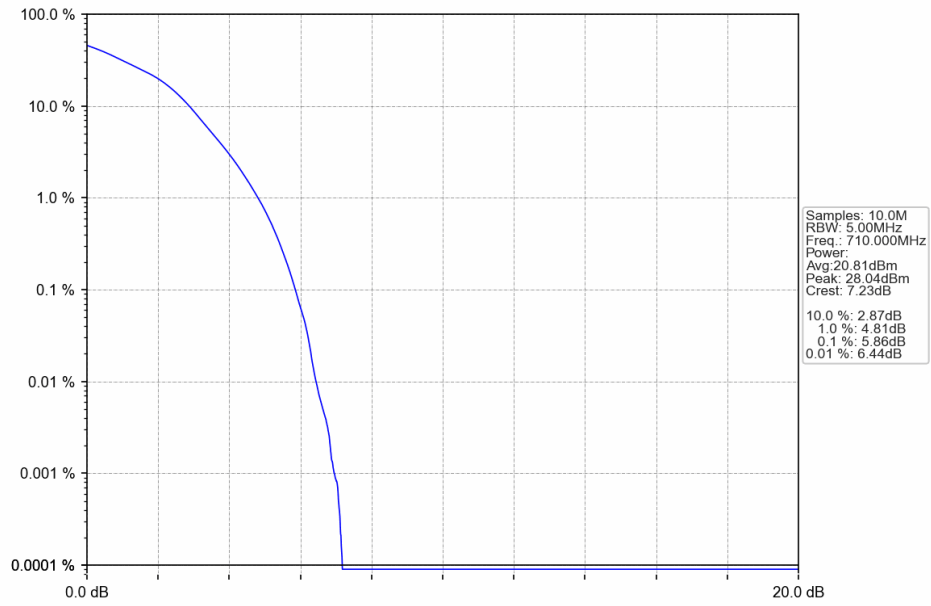
Band17 5MHz QPSK HCH 713.5MHz RB 25 0 NTNV



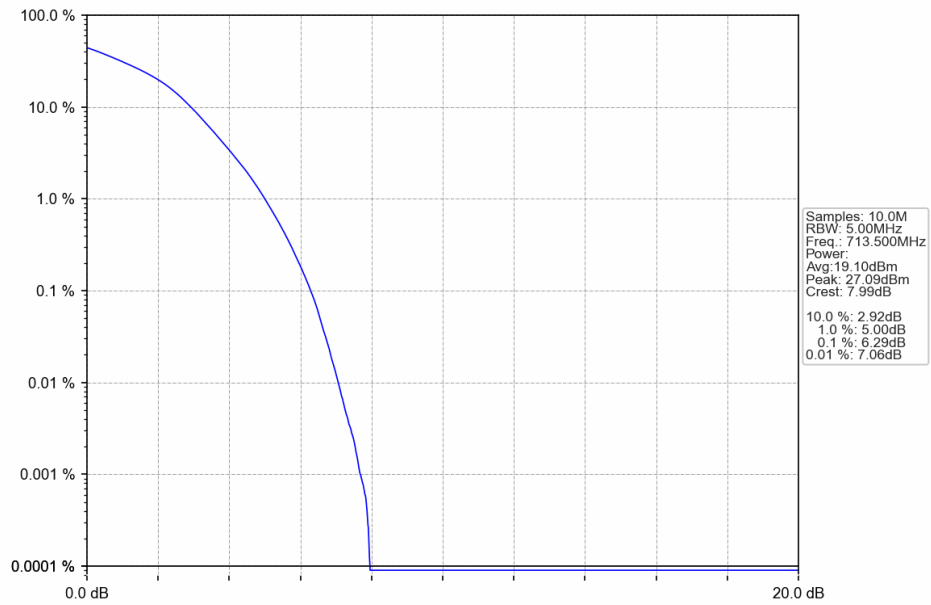
Band17 5MHz 16QAM LCH 706.5MHz RB 25 0 NTNV



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



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

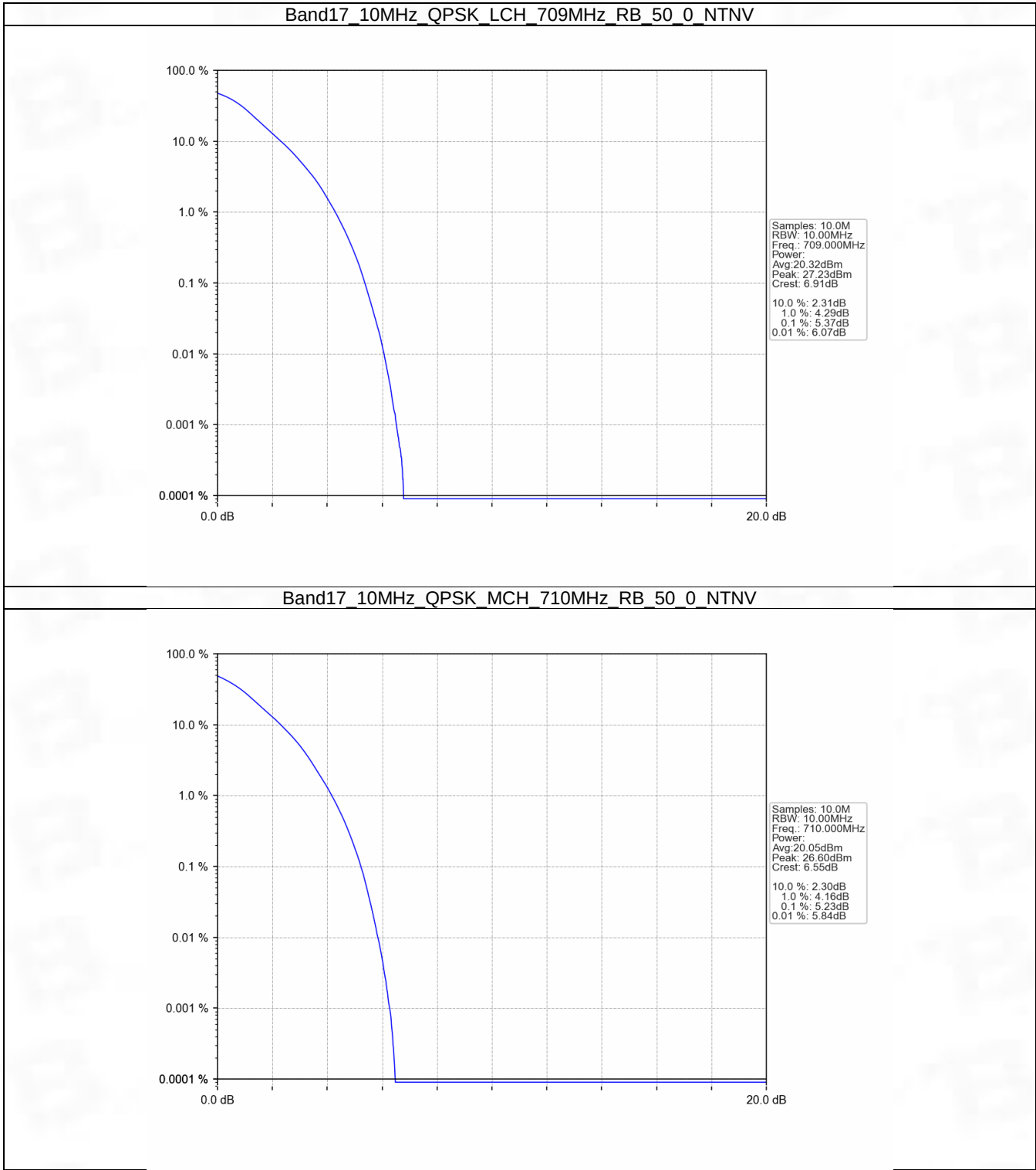


5.2 B17_10MHz

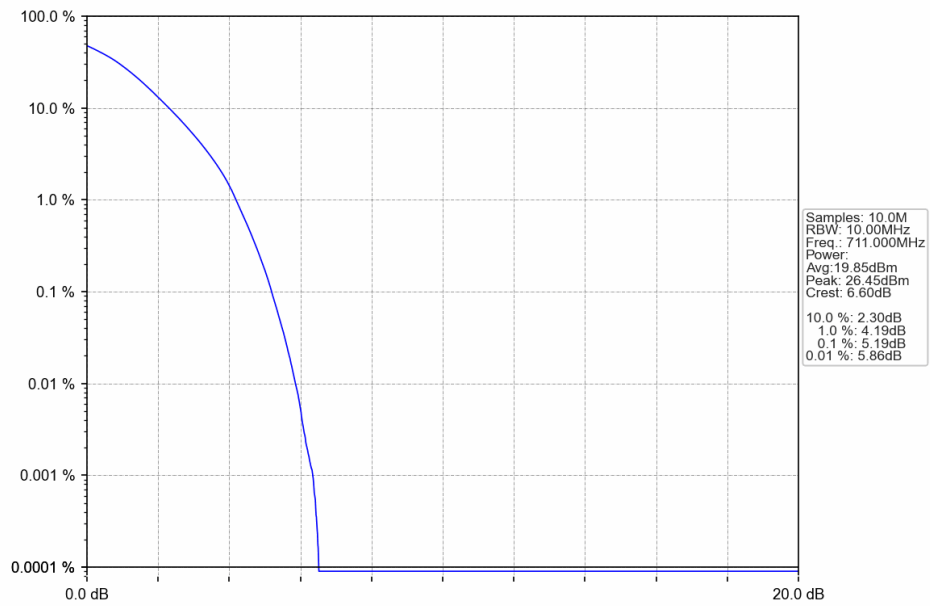
5.2.1 Test Result

Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	709	50	0	5.37	<=13	Pass
	710	50	0	5.23	<=13	Pass
	711	50	0	5.19	<=13	Pass
16QAM	709	50	0	6.07	<=13	Pass
	710	50	0	6.01	<=13	Pass
	711	50	0	5.95	<=13	Pass

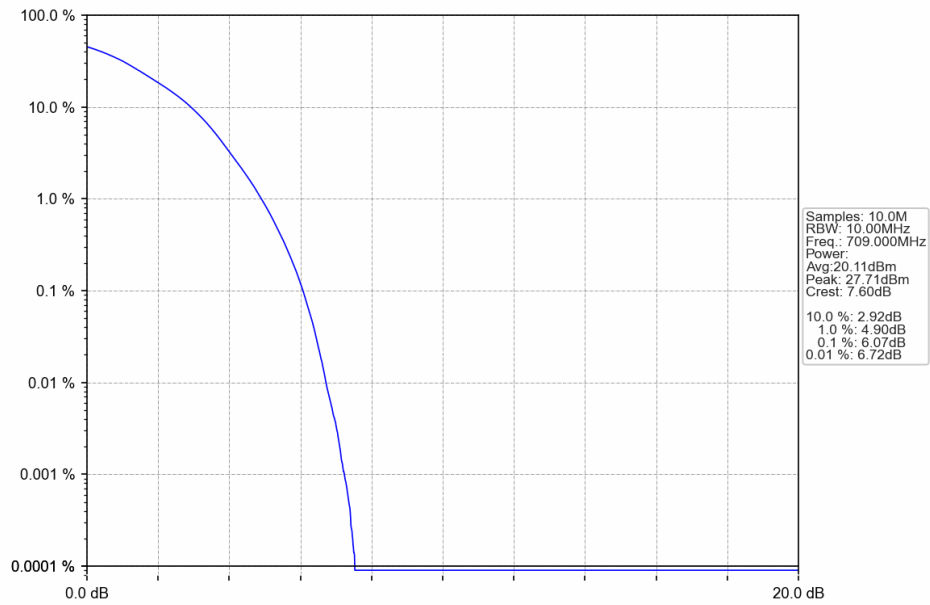
5.2.2 Test Graph



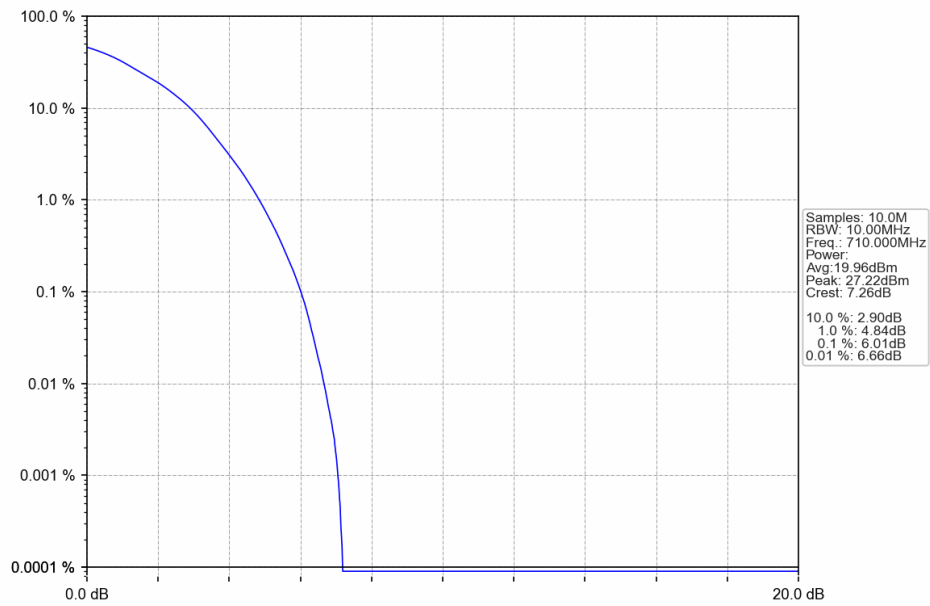
Band17 10MHz QPSK HCH 711MHz RB 50 0 NTNV



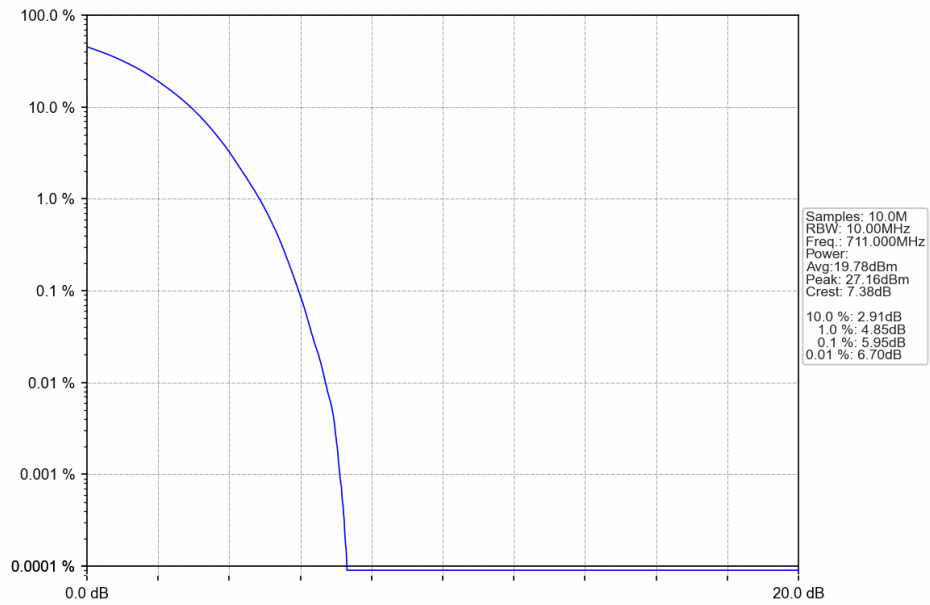
Band17 10MHz 16QAM LCH 709MHz RB 50 0 NTNV



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



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



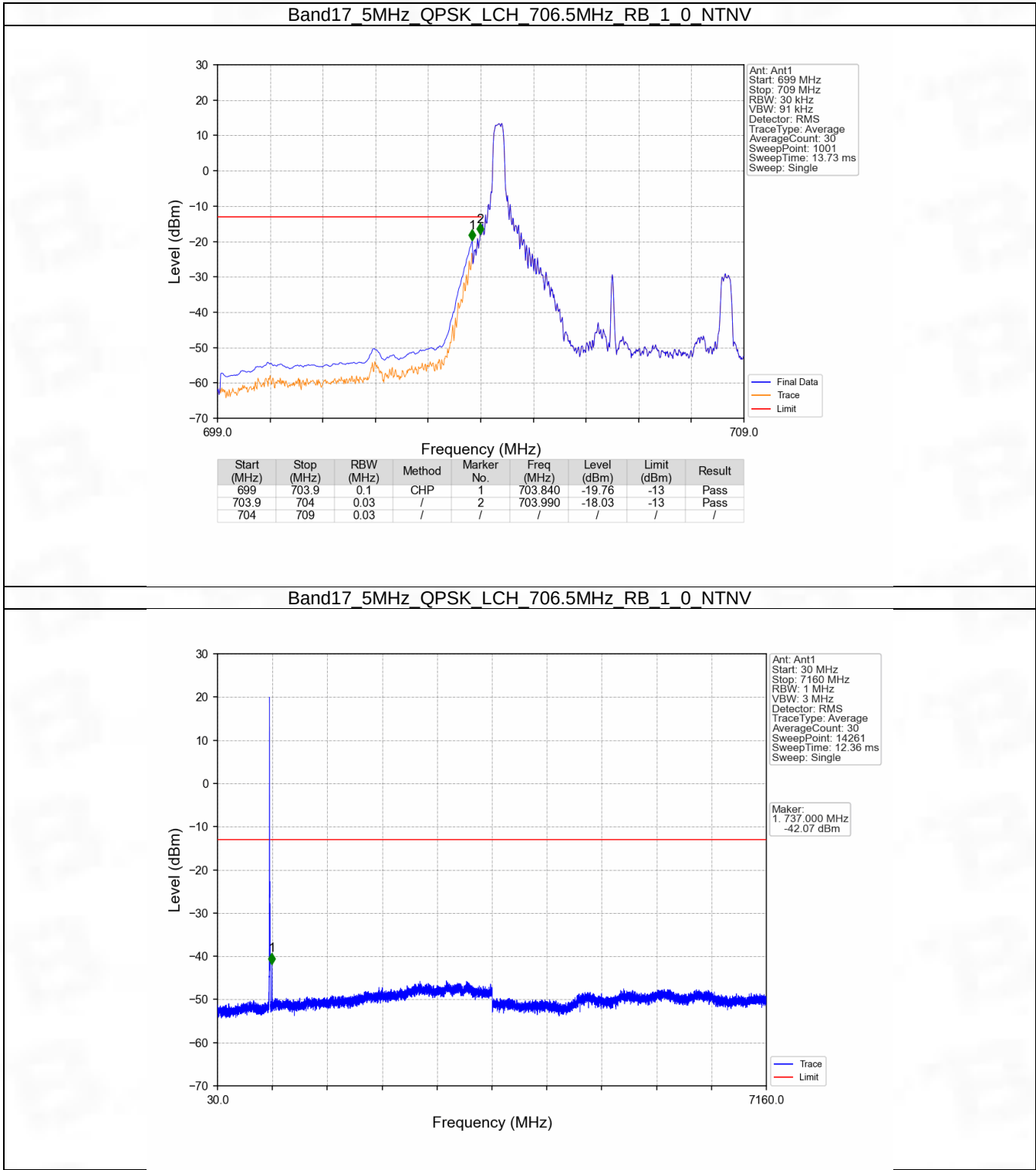
6. Spurious Emission

6.1 B17_5MHz

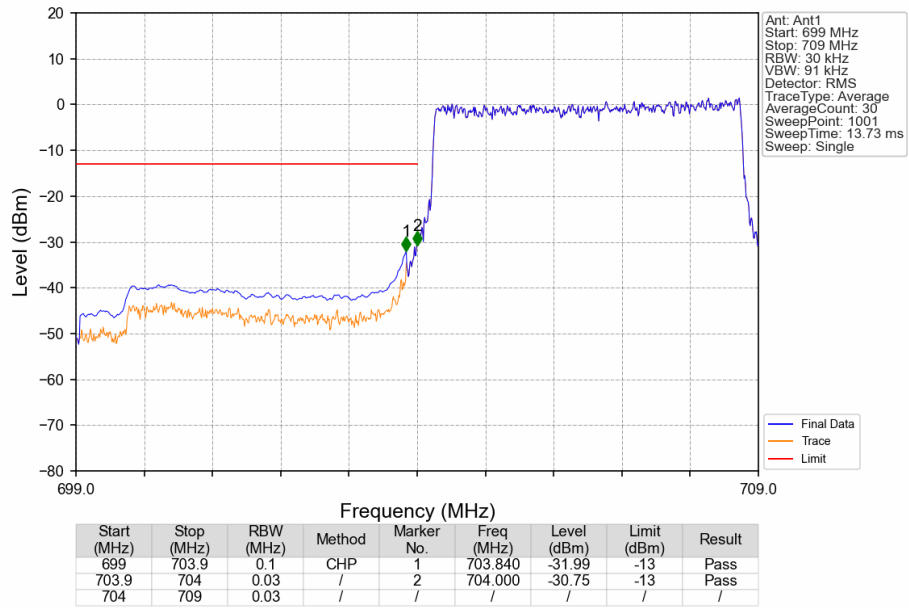
6.1.1 Test Result

Band: 17 / Bandwidth: 5MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		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	0	Refer To Test Graph	Pass
		1	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
	713.5	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
		1	24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

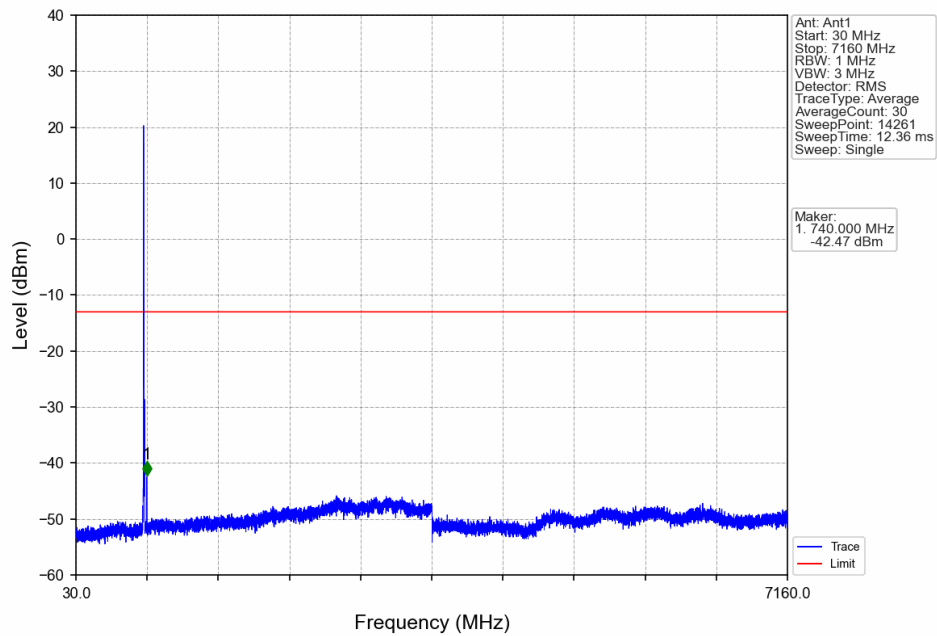
6.1.2 Test Graph



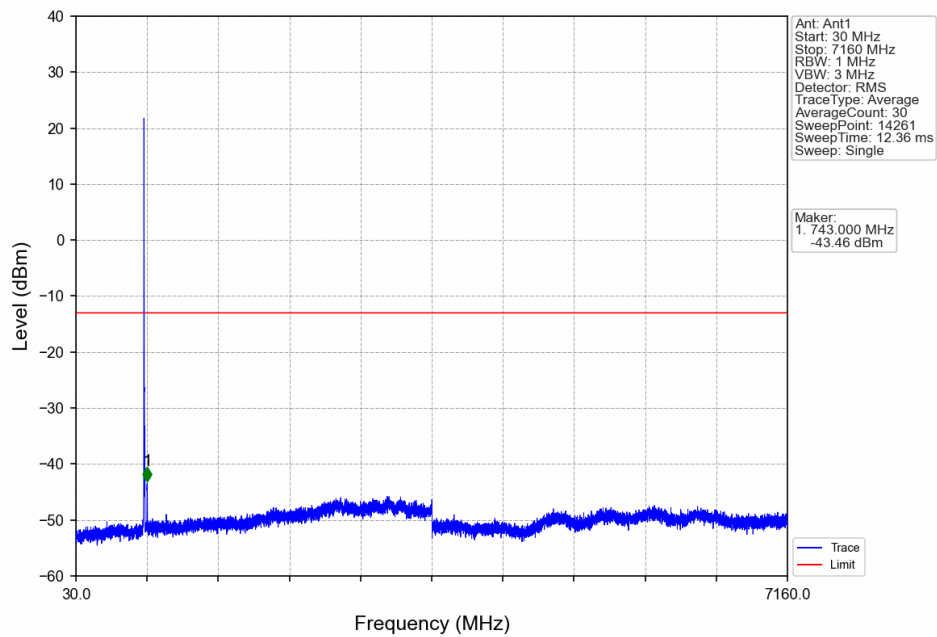
Band17 5MHz QPSK LCH 706.5MHz RB 25 0 NTNV



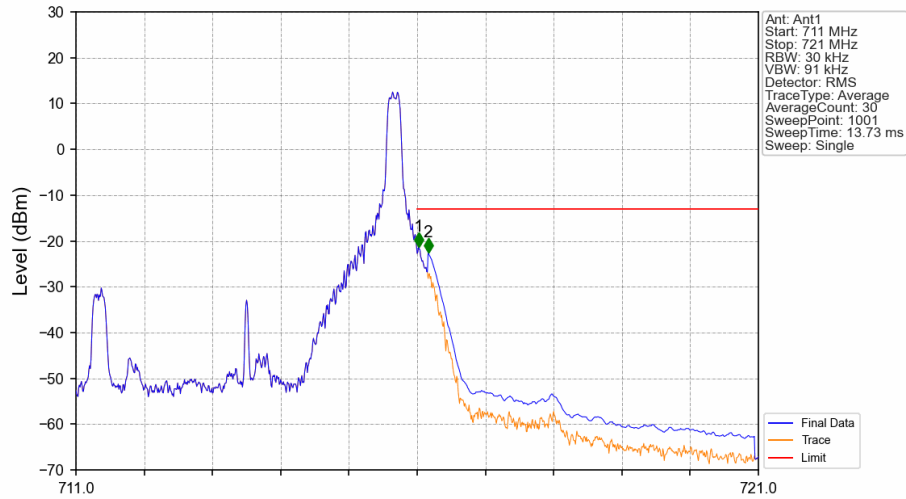
Band17 5MHz QPSK MCH 710MHz RB 1 0 NTNV



Band17 5MHz QPSK HCH 713.5MHz RB 1 0 NTN

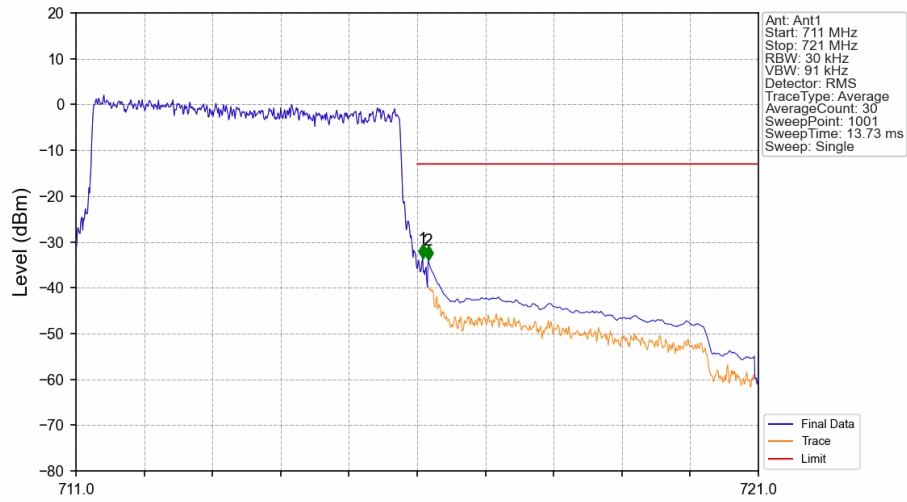


Band17 5MHz QPSK HCH 713.5MHz RB 1 24 NTN

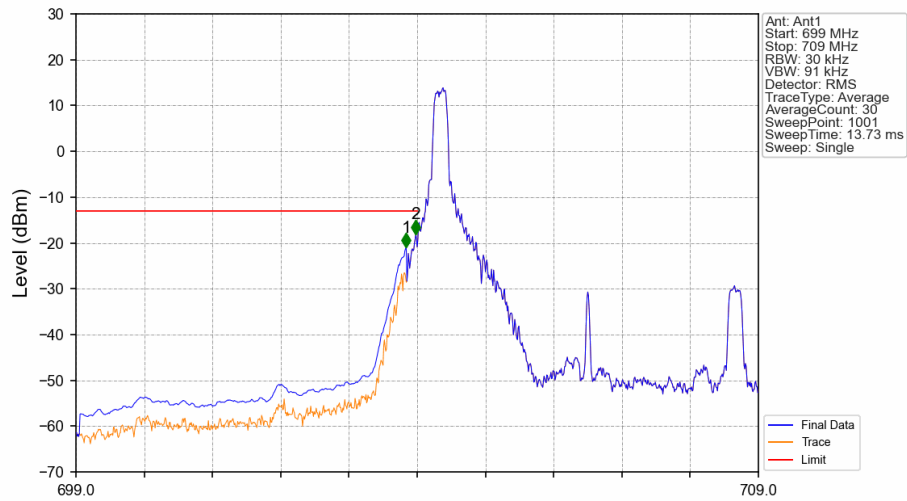


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	1	716.020	-21.23	-13	/
716.1	721	0.03	/	2	716.160	-22.49	-13	Pass
716.1	721	0.1	CHP	2	716.160	-22.49	-13	Pass

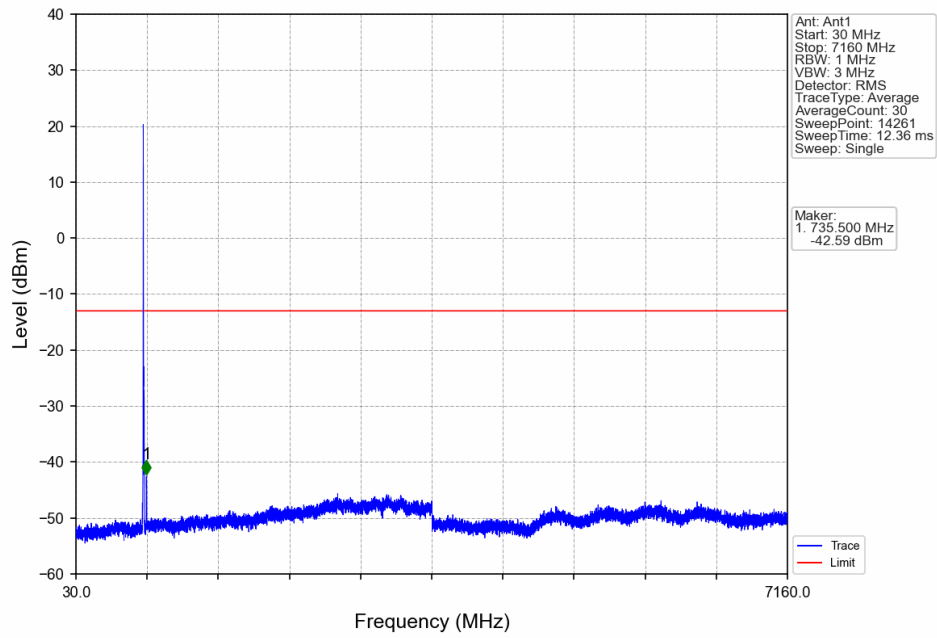
Band17 5MHz QPSK HCH 713.5MHz RB 25 0 NTNV



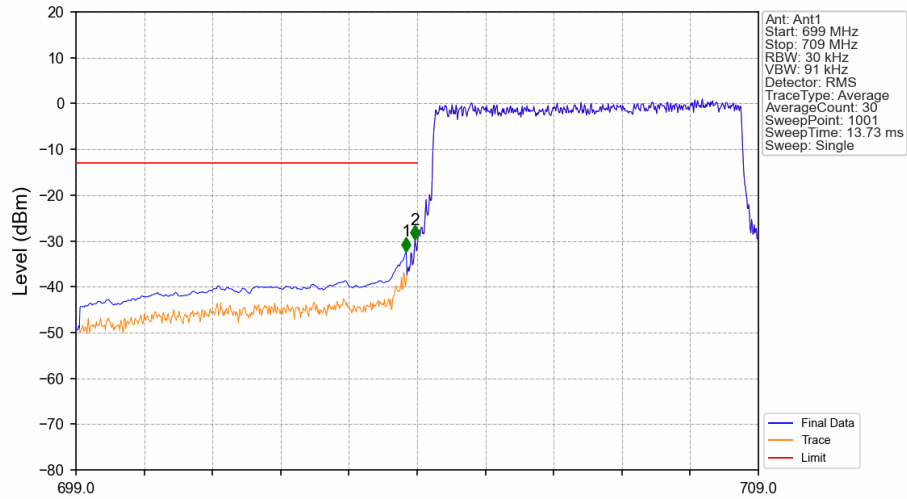
Band17 5MHz 16QAM LCH 706.5MHz RB 1 0 NTNV



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

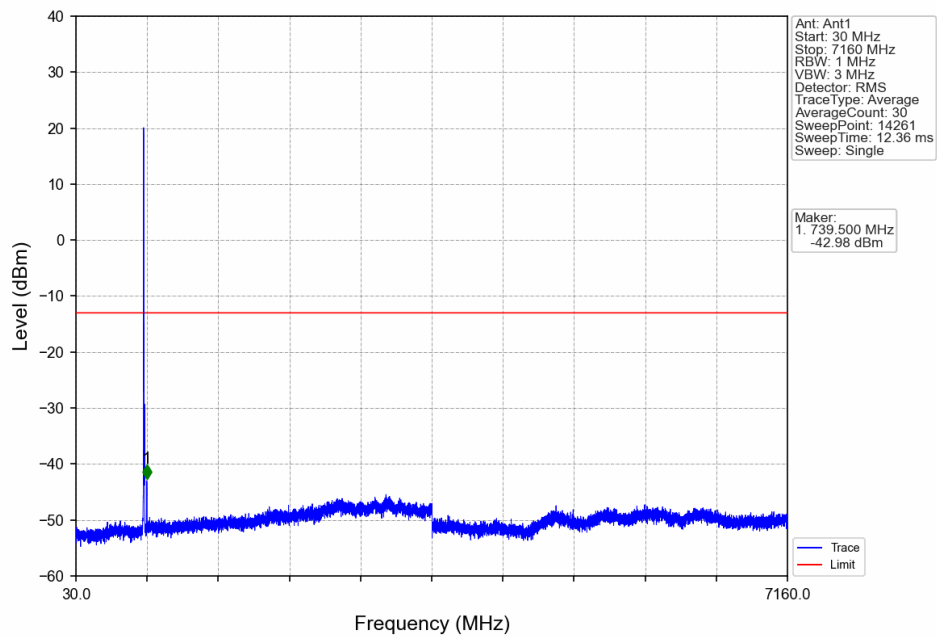


Band17 5MHz 16QAM LCH 706.5MHz RB 25 0 NTNV

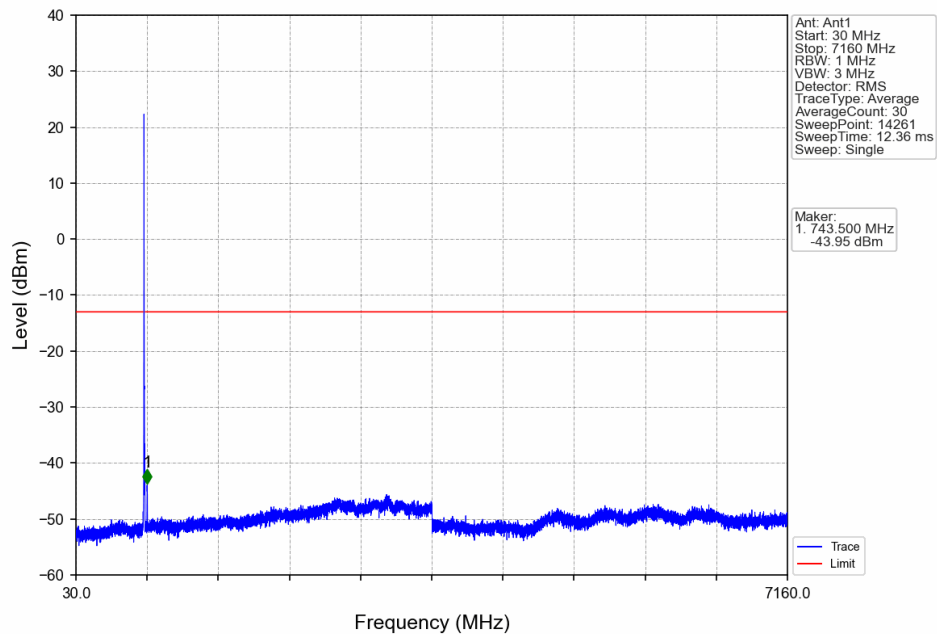


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-32.31	-13	Pass
703.9	704	0.03	/	2	703.970	-29.77	-13	Pass
704	709	0.03	/	/	/	/	/	/

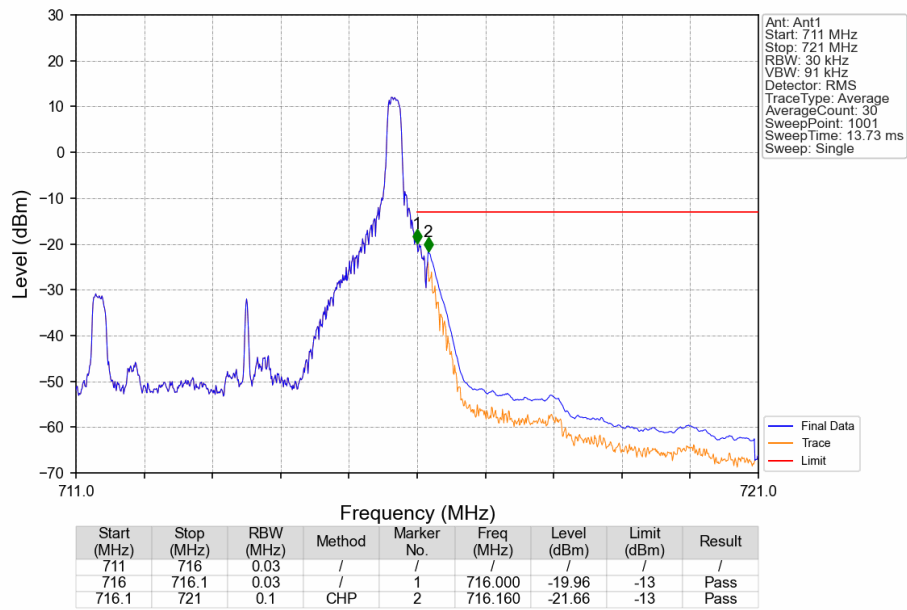
Band17 5MHz 16QAM MCH 710MHz RB 1 0 NTNV



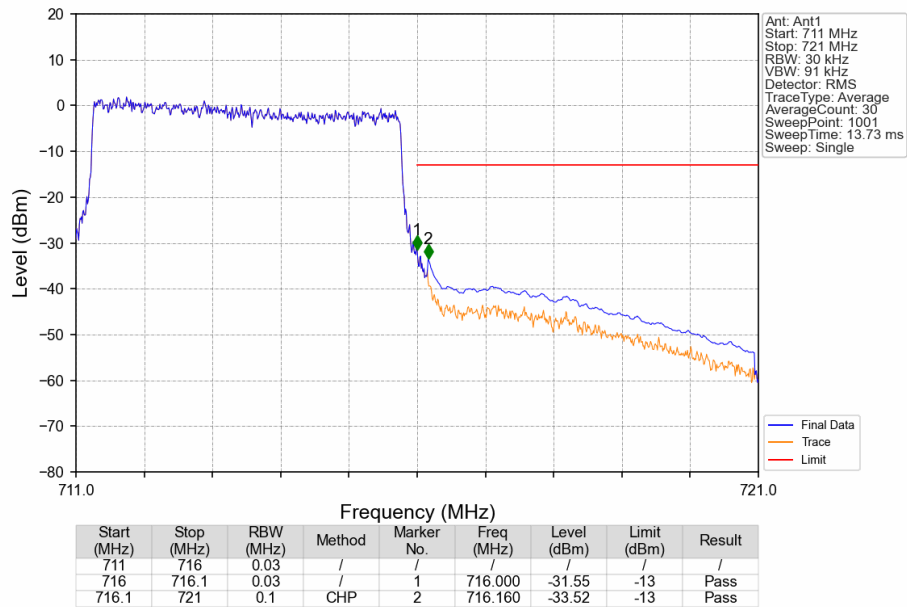
Band17 5MHz 16QAM HCH 713.5MHz RB 1 0 NTNV



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



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

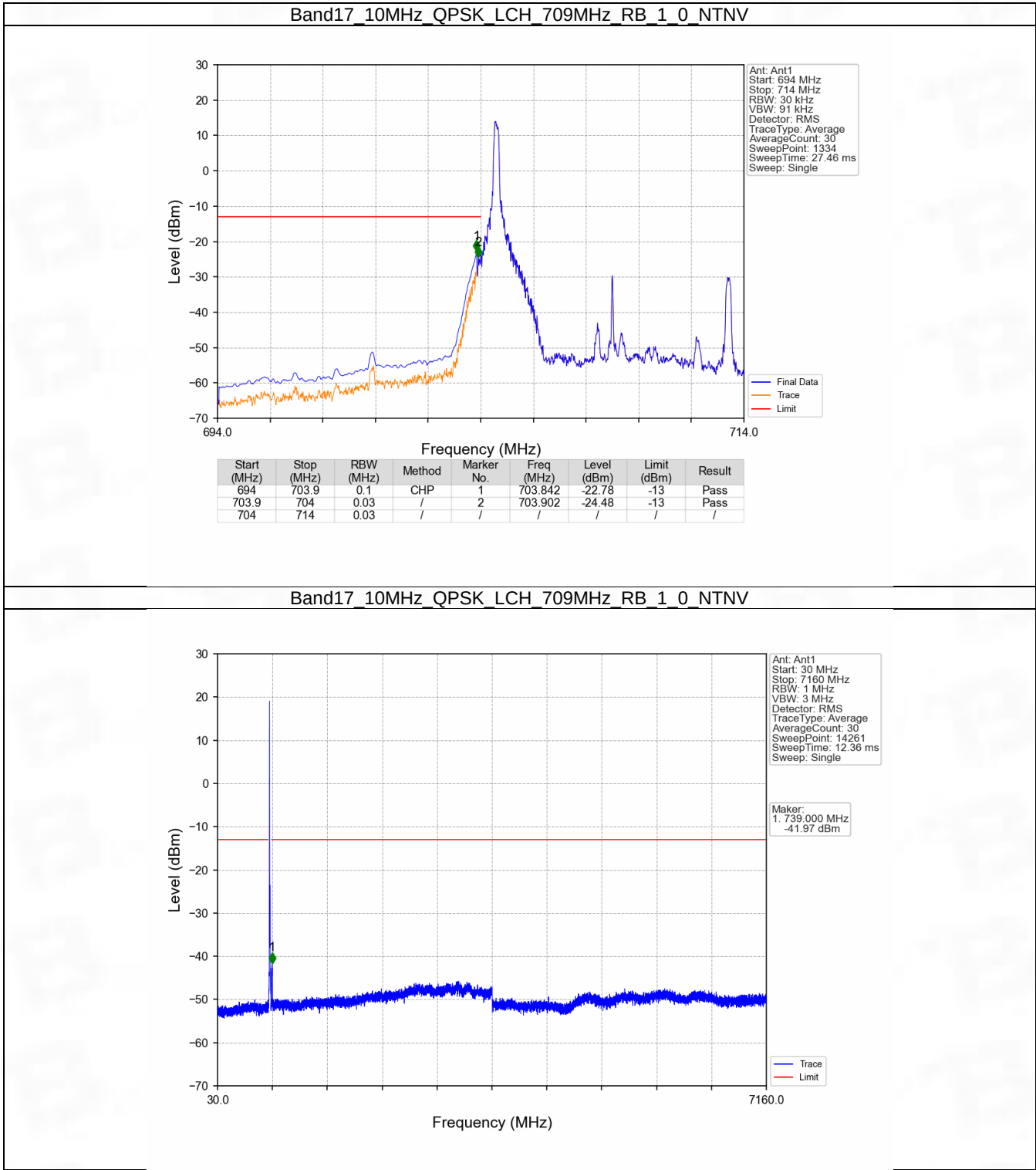


6.2 B17_10MHz

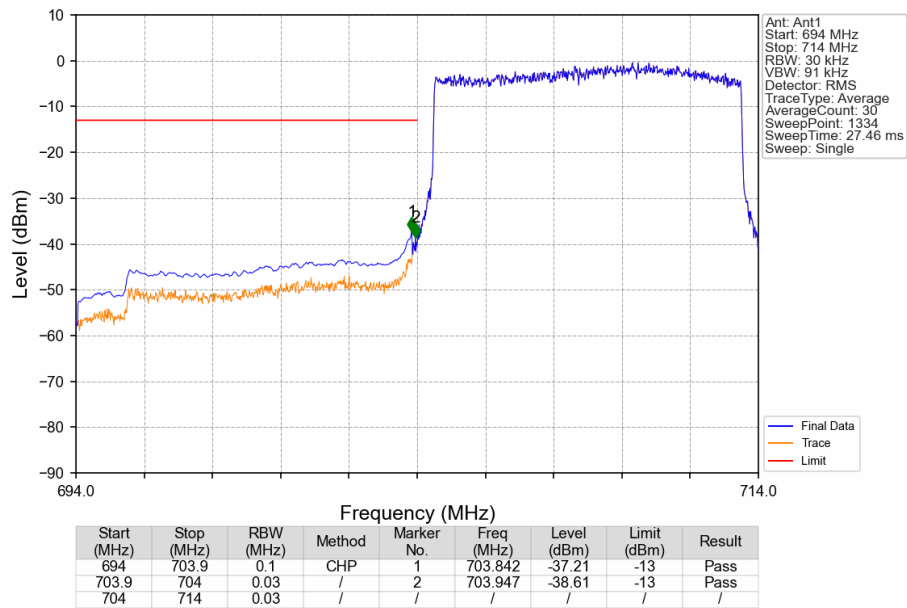
6.2.1 Test Result

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
	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

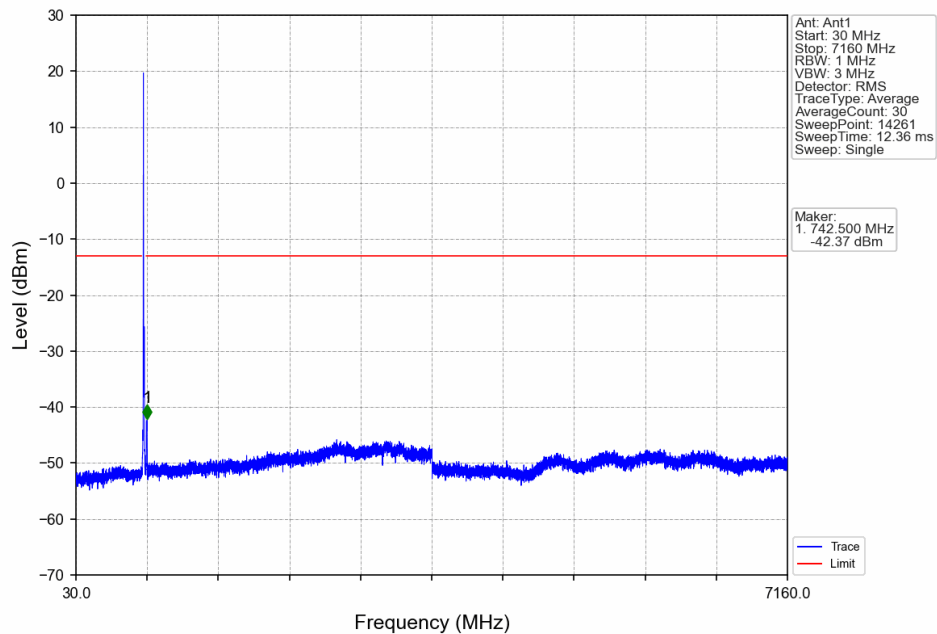
6.2.2 Test Graph



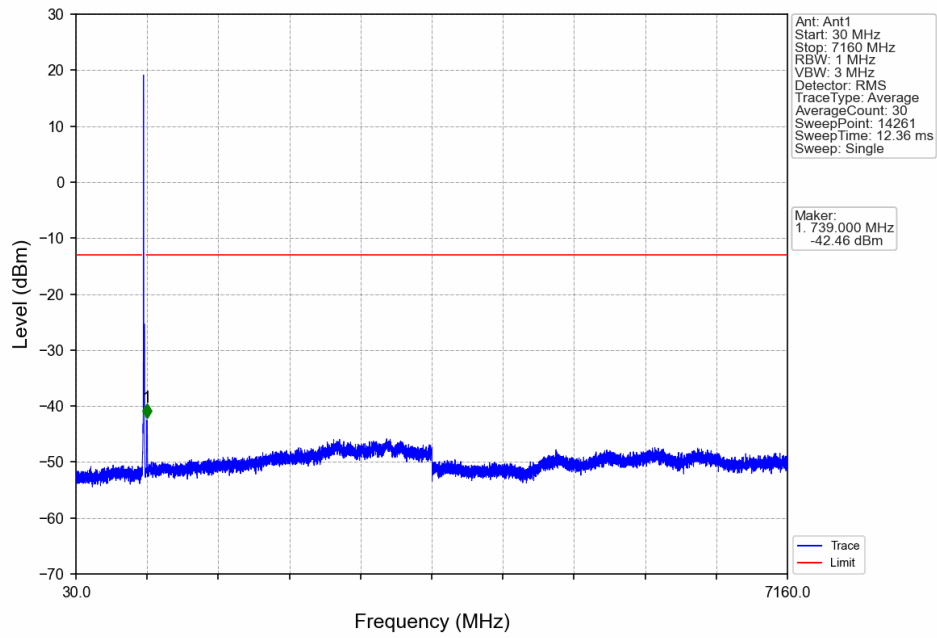
Band17 10MHz QPSK LCH 709MHz RB 50 0 NTNV



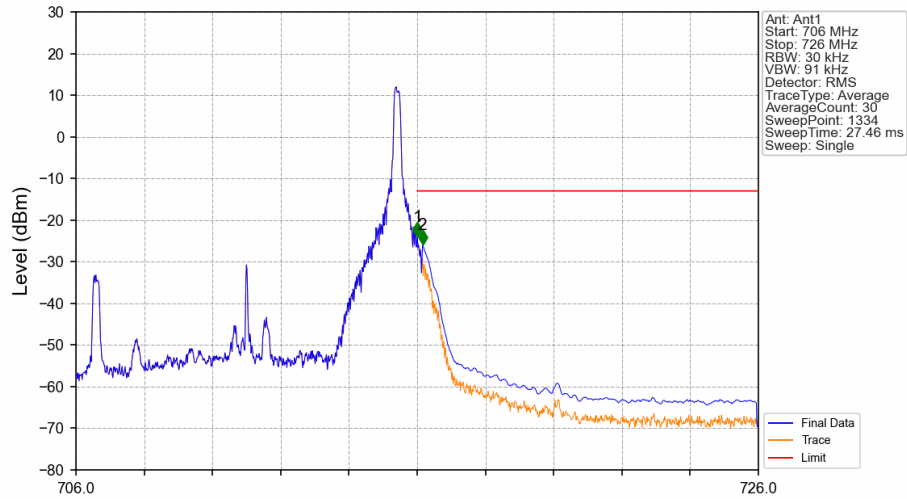
Band17 10MHz QPSK MCH 710MHz RB 1 0 NTNV



Band17 10MHz QPSK HCH 711MHz RB 1 0 NTNV

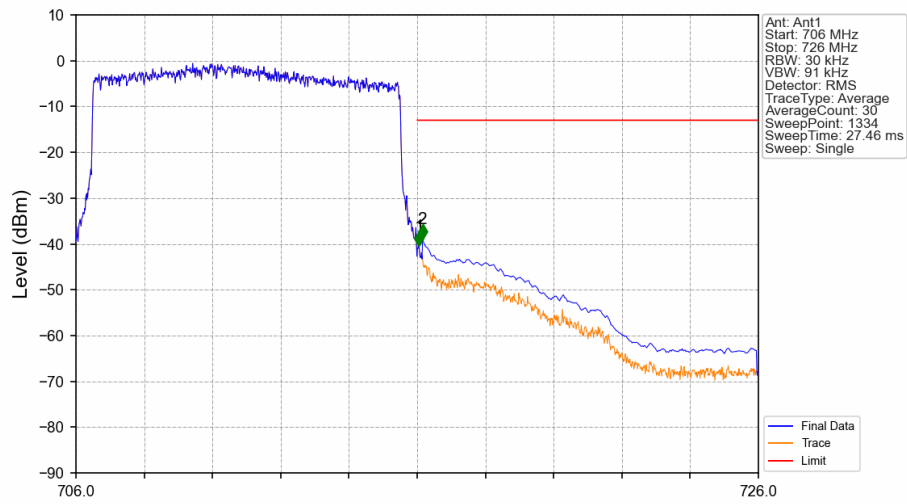


Band17 10MHz QPSK HCH 711MHz RB 1 49 NTNV



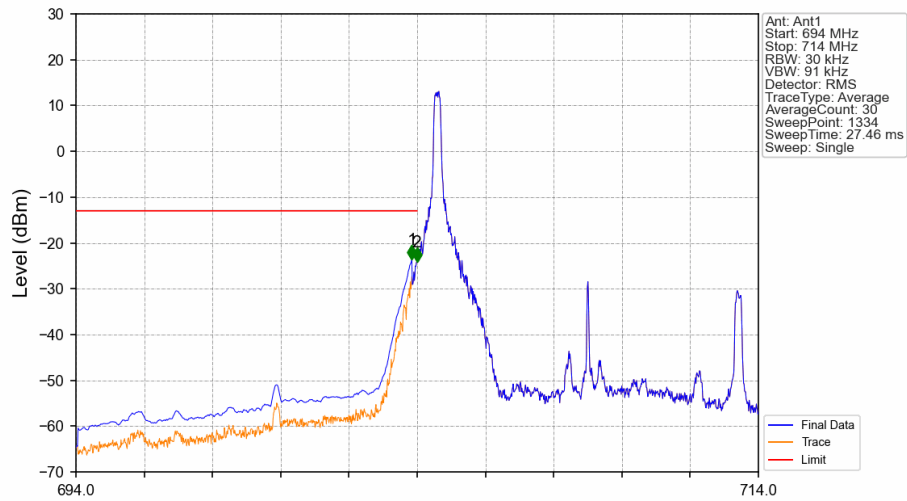
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	1	716.008	-23.98	-13	/
716	716.1	0.03	/	1	716.008	-23.98	-13	Pass
716.1	726	0.1	CHP	2	716.158	-25.96	-13	Pass

Band17 10MHz QPSK HCH 711MHz RB 50 0 NTNV



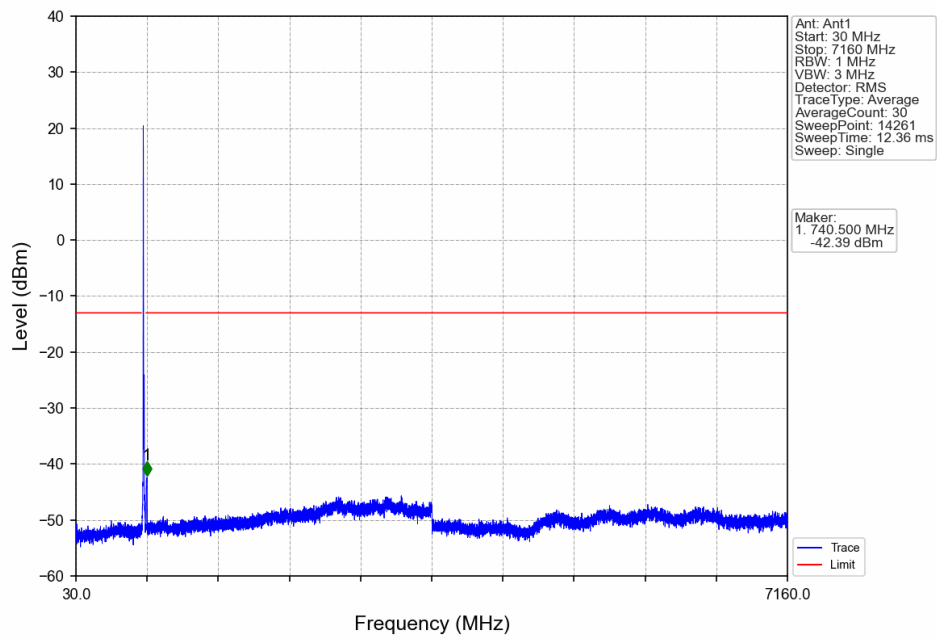
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	1	716.053	-40.43	-13	Pass
716	716.1	0.03	/	1	716.053	-40.43	-13	Pass
716.1	726	0.1	CHP	2	716.158	-38.92	-13	Pass

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

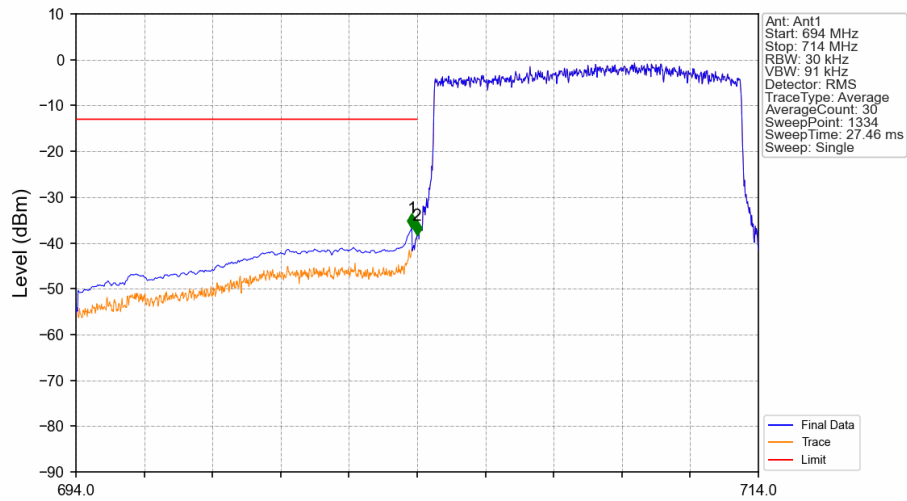


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-23.56	-13	Pass
703.9	704	0.03	/	2	703.992	-24.15	-13	Pass
704	714	0.03	/	/	/	/	/	/

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

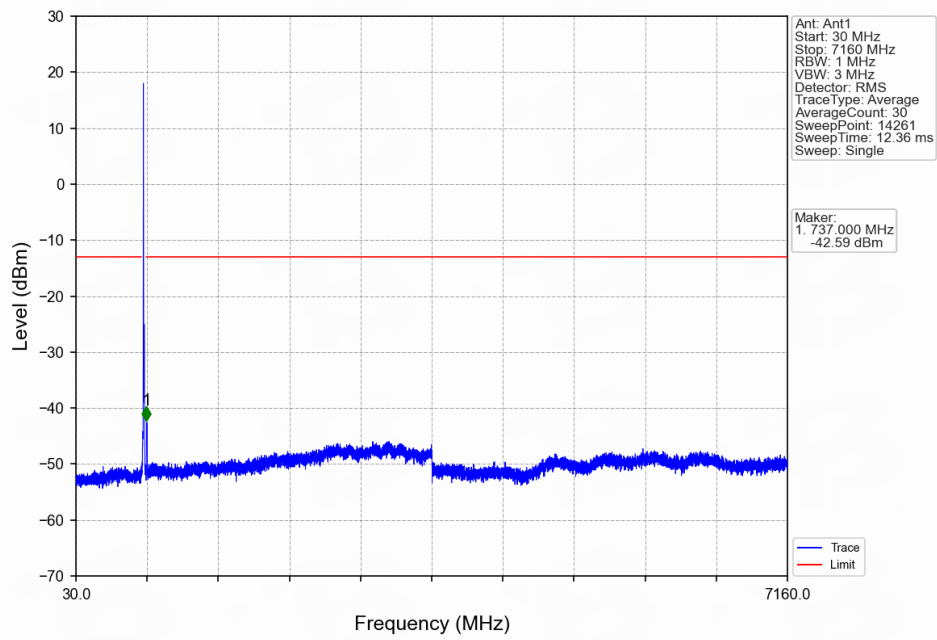


Band17 10MHz 16QAM LCH 709MHz RB 50 0 NTNV

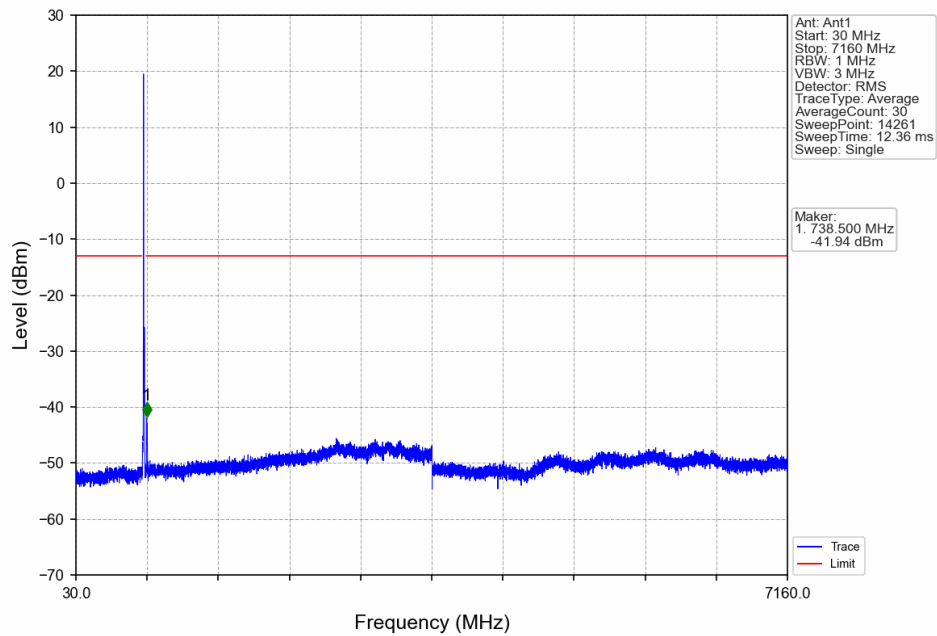


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-36.80	-13	Pass
703.9	704	0.03	/	2	703.992	-38.37	-13	Pass
704	714	0.03	/	/	/	/	/	/

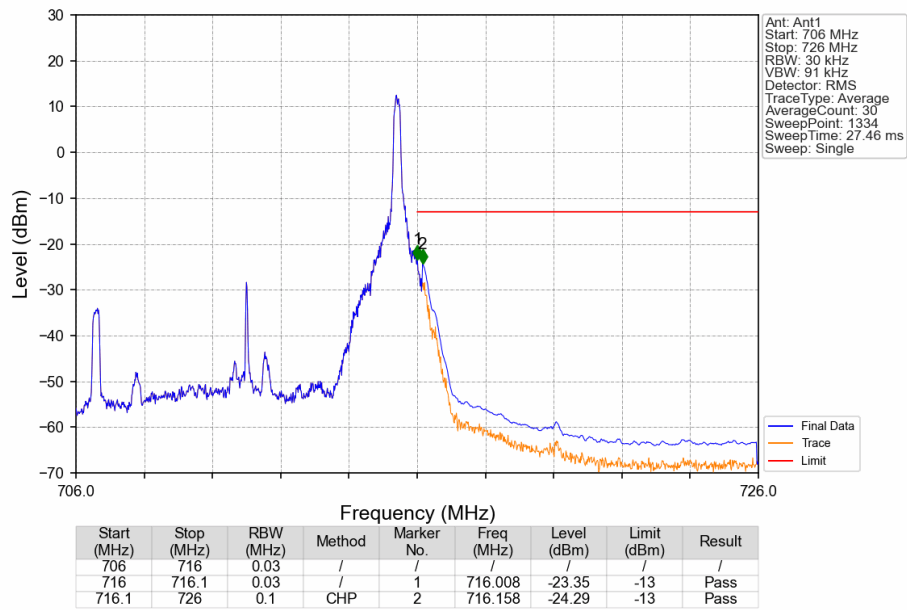
Band17_10MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



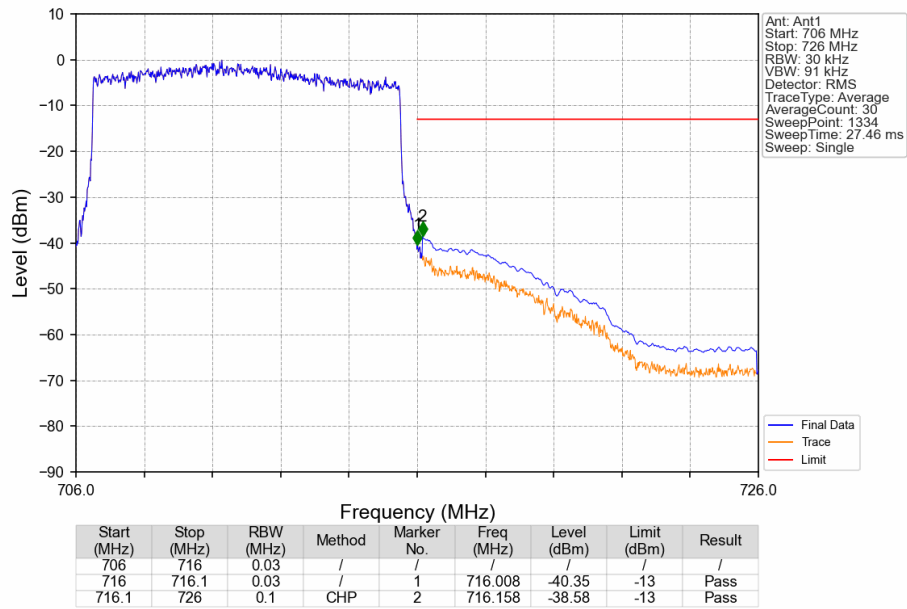
Band17_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV



Band17 10MHz 16QAM HCH 711MHz RB 1 49 NTV



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



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	0.1730	0.0275	ppm	4M59G7D	27H	22.38
17	5	706.5	713.5	0.1722	0.0135	ppm	4M60W7D	27H	22.36
17	10	709	711	0.1611	0.0112	ppm	9M02G7D	27H	22.07
17	10	709	711	0.1694	0.0097	ppm	9M02W7D	27H	22.29

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	0.1159	0.0275	ppm	4M59G7D	27H	20.64
17	5	706.5	713.5	0.1153	0.0135	ppm	4M60W7D	27H	20.62
17	10	709	711	0.1079	0.0112	ppm	9M02G7D	27H	20.33
17	10	709	711	0.1135	0.0097	ppm	9M02W7D	27H	20.55