1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B17_5MHz_ERP

Band: 17 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	706.5	1	0	22.46	-0.68	19.63	<=34.77	Pass
			13	22.62	-0.68	19.79	<=34.77	Pass
			24	22.45	-0.68	19.62	<=34.77	Pass
		12	0	21.62	-0.68	18.79	<=34.77	Pass
			6	21.64	-0.68	18.81	<=34.77	Pass
			13	21.58	-0.68	18.75	<=34.77	Pass
		25	0	21.61	-0.68	18.78	<=34.77	Pass
	710	1	0	22.47	-0.68	19.64	<=34.77	Pass
			13	22.55	-0.68	19.72	<=34.77	Pass
			24	22.48	-0.68	19.65	<=34.77	Pass
		12	0	21.54	-0.68	18.71	<=34.77	Pass
			6	21.58	-0.68	18.75	<=34.77	Pass
			13	21.47	-0.68	18.64	<=34.77	Pass
		25	0	21.49	-0.68	18.66	<=34.77	Pass
	713.5	1	0	22.41	-0.68	19.58	<=34.77	Pass
			13	22.56	-0.68	19.73	<=34.77	Pass
			24	22.42	-0.68	19.59	<=34.77	Pass
		12	0	21.56	-0.68	18.73	<=34.77	Pass
			6	21.59	-0.68	18.76	<=34.77	Pass
			13	21.48	-0.68	18.65	<=34.77	Pass
		25	0	21.53	-0.68	18.70	<=34.77	Pass
16QAM	706.5	1	0	21.32	-0.68	18.49	<=34.77	Pass
			13	21.46	-0.68	18.63	<=34.77	Pass
			24	21.30	-0.68	18.47	<=34.77	Pass
		12	0	20.61	-0.68	17.78	<=34.77	Pass
			6	20.61	-0.68	17.78	<=34.77	Pass
			13	20.59	-0.68	17.76	<=34.77	Pass
		25	0	20.66	-0.68	17.83	<=34.77	Pass
	710	1	0	21.54	-0.68	18.71	<=34.77	Pass
			13	21.65	-0.68	18.82	<=34.77	Pass
			24	21.54	-0.68	18.71	<=34.77	Pass
		12	0	20.52	-0.68	17.69	<=34.77	Pass
			6	20.58	-0.68	17.75	<=34.77	Pass
			13	20.46	-0.68	17.63	<=34.77	Pass
		25	0	20.51	-0.68	17.68	<=34.77	Pass
	713.5	1	0	21.66	-0.68	18.83	<=34.77	Pass
			13	21.80	-0.68	18.97	<=34.77	Pass
			24	21.61	-0.68	18.78	<=34.77	Pass
		12	0	20.58	-0.68	17.75	<=34.77	Pass
			6	20.61	-0.68	17.78	<=34.77	Pass
			13	20.52	-0.68	17.69	<=34.77	Pass
		25	0	20.51	-0.68	17.68	<=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	22.59	-0.68	19.76	<=34.77	Pass
			25	22.76	-0.68	19.93	<=34.77	Pass
			49	22.61	-0.68	19.78	<=34.77	Pass
		25	0	21.54	-0.68	18.71	<=34.77	Pass
			13	21.59	-0.68	18.76	<=34.77	Pass
			25	21.50	-0.68	18.67	<=34.77	Pass
		50	0	21.52	-0.68	18.69	<=34.77	Pass
	710	1	0	22.55	-0.68	19.72	<=34.77	Pass
			25	22.69	-0.68	19.86	<=34.77	Pass
			49	22.54	-0.68	19.71	<=34.77	Pass
		25	0	21.46	-0.68	18.63	<=34.77	Pass
			13	21.57	-0.68	18.74	<=34.77	Pass
			25	21.54	-0.68	18.71	<=34.77	Pass
		50	0	21.53	-0.68	18.70	<=34.77	Pass
	711	1	0	22.55	-0.68	19.72	<=34.77	Pass
			25	22.72	-0.68	19.89	<=34.77	Pass
			49	22.57	-0.68	19.74	<=34.77	Pass
		25	0	21.56	-0.68	18.73	<=34.77	Pass
			13	21.56	-0.68	18.73	<=34.77	Pass
			25	21.57	-0.68	18.74	<=34.77	Pass
		50	0	21.57	-0.68	18.74	<=34.77	Pass
16QAM	709	1	0	21.55	-0.68	18.72	<=34.77	Pass
			25	21.70	-0.68	18.87	<=34.77	Pass
			49	21.61	-0.68	18.78	<=34.77	Pass
		25	0	20.65	-0.68	17.82	<=34.77	Pass
			13	20.70	-0.68	17.87	<=34.77	Pass
			25	20.60	-0.68	17.77	<=34.77	Pass
		50	0	20.57	-0.68	17.74	<=34.77	Pass
	710	1	0	21.71	-0.68	18.88	<=34.77	Pass
			25	21.84	-0.68	19.01	<=34.77	Pass
			49	21.68	-0.68	18.85	<=34.77	Pass
		25	0	20.53	-0.68	17.70	<=34.77	Pass
			13	20.61	-0.68	17.78	<=34.77	Pass
			25	20.58	-0.68	17.75	<=34.77	Pass
		50	0	20.48	-0.68	17.65	<=34.77	Pass
	711	1	0	22.04	-0.68	19.21	<=34.77	Pass
			25	22.21	-0.68	19.38	<=34.77	Pass
			49	21.96	-0.68	19.13	<=34.77	Pass
		25	0	20.63	-0.68	17.80	<=34.77	Pass
			13	20.67	-0.68	17.84	<=34.77	Pass
			25	20.64	-0.68	17.81	<=34.77	Pass
		50	0	20.61	-0.68	17.78	<=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	-4.678	-0.0066	-2.5 to 2.5	Pass

					3.85	-8.769	-0.0124	-2.5 to 2.5	Pass
					4.43	-5.550	-0.0079	-2.5 to 2.5	Pass
				-30	3.85	-5.593	-0.0079	-2.5 to 2.5	Pass
				-20	3.85	-9.971	-0.0141	-2.5 to 2.5	Pass
				-10	3.85	-5.007	-0.0071	-2.5 to 2.5	Pass
				0	3.85	-5.078	-0.0072	-2.5 to 2.5	Pass
				10	3.85	-5.994	-0.0085	-2.5 to 2.5	Pass
				30	3.85	-5.007	-0.0071	-2.5 to 2.5	Pass
				40	3.85	-9.599	-0.0136	-2.5 to 2.5	Pass
				50	3.85	-4.048	-0.0057	-2.5 to 2.5	Pass
	710	25	0	20	3.27	-5.021	-0.0071	-2.5 to 2.5	Pass
					3.85	-7.110	-0.0100	-2.5 to 2.5	Pass
					4.43	-7.625	-0.0107	-2.5 to 2.5	Pass
				-30	3.85	-9.098	-0.0128	-2.5 to 2.5	Pass
				-20	3.85	-6.781	-0.0096	-2.5 to 2.5	Pass
				-10	3.85	-0.858	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-5.493	-0.0077	-2.5 to 2.5	Pass
				10	3.85	-8.626	-0.0121	-2.5 to 2.5	Pass
				30	3.85	-4.649	-0.0065	-2.5 to 2.5	Pass
				40	3.85	-9.413	-0.0133	-2.5 to 2.5	Pass
				50	3.85	-6.680	-0.0094	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-6.452	-0.0090	-2.5 to 2.5	Pass
					3.85	-8.469	-0.0119	-2.5 to 2.5	Pass
					4.43	-8.912	-0.0125	-2.5 to 2.5	Pass
				-30	3.85	-5.994	-0.0084	-2.5 to 2.5	Pass
				-20	3.85	-10.343	-0.0145	-2.5 to 2.5	Pass
				-10	3.85	-6.094	-0.0085	-2.5 to 2.5	Pass
				0	3.85	-1.574	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-5.736	-0.0080	-2.5 to 2.5	Pass
				30	3.85	-4.778	-0.0067	-2.5 to 2.5	Pass
				40	3.85	-2.818	-0.0039	-2.5 to 2.5	Pass
				50	3.85	-2.189	-0.0031	-2.5 to 2.5	Pass
16QAM	706.5	25	0	20	3.27	-7.753	-0.0110	-2.5 to 2.5	Pass
					3.85	-6.981	-0.0099	-2.5 to 2.5	Pass
					4.43	-6.552	-0.0093	-2.5 to 2.5	Pass
				-30	3.85	-5.836	-0.0083	-2.5 to 2.5	Pass
				-20	3.85	-4.220	-0.0060	-2.5 to 2.5	Pass
				-10	3.85	-5.178	-0.0073	-2.5 to 2.5	Pass
				0	3.85	-8.912	-0.0126	-2.5 to 2.5	Pass
				10	3.85	-5.808	-0.0082	-2.5 to 2.5	Pass
				30	3.85	-6.323	-0.0089	-2.5 to 2.5	Pass
				40	3.85	-4.964	-0.0070	-2.5 to 2.5	Pass
				50	3.85	-5.078	-0.0072	-2.5 to 2.5	Pass
	710	25	0	20	3.27	-5.236	-0.0074	-2.5 to 2.5	Pass
					3.85	-7.625	-0.0107	-2.5 to 2.5	Pass
					4.43	-5.350	-0.0075	-2.5 to 2.5	Pass
				-30	3.85	-3.734	-0.0053	-2.5 to 2.5	Pass
				-20	3.85	-5.522	-0.0078	-2.5 to 2.5	Pass
				-10	3.85	-8.612	-0.0121	-2.5 to 2.5	Pass
				0	3.85	-4.234	-0.0060	-2.5 to 2.5	Pass
				10	3.85	-6.008	-0.0085	-2.5 to 2.5	Pass
				30	3.85	-6.266	-0.0088	-2.5 to 2.5	Pass
				40	3.85	-6.552	-0.0092	-2.5 to 2.5	Pass
				50	3.85	-5.865	-0.0083	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-6.037	-0.0085	-2.5 to 2.5	Pass
					3.85	-5.221	-0.0073	-2.5 to 2.5	Pass
					4.43	-6.967	-0.0098	-2.5 to 2.5	Pass
				-30	3.85	-5.207	-0.0073	-2.5 to 2.5	Pass
				-20	3.85	-4.220	-0.0059	-2.5 to 2.5	Pass

				-10	3.85	-8.183	-0.0115	-2.5 to 2.5	Pass
				0	3.85	-6.394	-0.0090	-2.5 to 2.5	Pass
				10	3.85	-7.267	-0.0102	-2.5 to 2.5	Pass
				30	3.85	-1.616	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-8.640	-0.0121	-2.5 to 2.5	Pass
				50	3.85	-3.848	-0.0054	-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	-9.642	-0.0136	-2.5 to 2.5	Pass
					3.85	-4.921	-0.0069	-2.5 to 2.5	Pass
					4.43	-8.168	-0.0115	-2.5 to 2.5	Pass
				-30	3.85	-5.851	-0.0083	-2.5 to 2.5	Pass
				-20	3.85	-8.497	-0.0120	-2.5 to 2.5	Pass
				-10	3.85	-6.466	-0.0091	-2.5 to 2.5	Pass
				0	3.85	-11.587	-0.0163	-2.5 to 2.5	Pass
				10	3.85	-6.523	-0.0092	-2.5 to 2.5	Pass
				30	3.85	-7.210	-0.0102	-2.5 to 2.5	Pass
				40	3.85	-7.181	-0.0101	-2.5 to 2.5	Pass
				50	3.85	-7.668	-0.0108	-2.5 to 2.5	Pass
	710	50	0	20	3.27	-9.942	-0.0140	-2.5 to 2.5	Pass
					3.85	-5.980	-0.0084	-2.5 to 2.5	Pass
					4.43	-5.207	-0.0073	-2.5 to 2.5	Pass
				-30	3.85	-7.982	-0.0112	-2.5 to 2.5	Pass
				-20	3.85	-9.270	-0.0131	-2.5 to 2.5	Pass
				-10	3.85	-5.436	-0.0077	-2.5 to 2.5	Pass
				0	3.85	-8.154	-0.0115	-2.5 to 2.5	Pass
				10	3.85	-6.194	-0.0087	-2.5 to 2.5	Pass
				30	3.85	-6.237	-0.0088	-2.5 to 2.5	Pass
				40	3.85	-6.495	-0.0091	-2.5 to 2.5	Pass
				50	3.85	-4.063	-0.0057	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-5.579	-0.0078	-2.5 to 2.5	Pass
					3.85	-4.821	-0.0068	-2.5 to 2.5	Pass
					4.43	-7.553	-0.0106	-2.5 to 2.5	Pass
				-30	3.85	-6.051	-0.0085	-2.5 to 2.5	Pass
				-20	3.85	-5.293	-0.0074	-2.5 to 2.5	Pass
				-10	3.85	-6.366	-0.0090	-2.5 to 2.5	Pass
				0	3.85	-6.738	-0.0095	-2.5 to 2.5	Pass
				10	3.85	-5.493	-0.0077	-2.5 to 2.5	Pass
				30	3.85	-7.997	-0.0112	-2.5 to 2.5	Pass
				40	3.85	-6.452	-0.0091	-2.5 to 2.5	Pass
				50	3.85	-8.440	-0.0119	-2.5 to 2.5	Pass
16QAM	709	50	0	20	3.27	-8.640	-0.0122	-2.5 to 2.5	Pass
					3.85	-6.366	-0.0090	-2.5 to 2.5	Pass
					4.43	-8.326	-0.0117	-2.5 to 2.5	Pass
				-30	3.85	-5.608	-0.0079	-2.5 to 2.5	Pass
				-20	3.85	-8.025	-0.0113	-2.5 to 2.5	Pass
				-10	3.85	-4.735	-0.0067	-2.5 to 2.5	Pass
				0	3.85	-7.453	-0.0105	-2.5 to 2.5	Pass
				10	3.85	-3.748	-0.0053	-2.5 to 2.5	Pass
				30	3.85	-7.138	-0.0101	-2.5 to 2.5	Pass
				40	3.85	-5.794	-0.0082	-2.5 to 2.5	Pass
				50	3.85	-3.648	-0.0051	-2.5 to 2.5	Pass
	710	50	0	20	3.27	-6.266	-0.0088	-2.5 to 2.5	Pass

					3.85	-9.871	-0.0139	-2.5 to 2.5	Pass
					4.43	-6.495	-0.0091	-2.5 to 2.5	Pass
				-30	3.85	-4.606	-0.0065	-2.5 to 2.5	Pass
				-20	3.85	-3.619	-0.0051	-2.5 to 2.5	Pass
				-10	3.85	-3.891	-0.0055	-2.5 to 2.5	Pass
				0	3.85	-3.619	-0.0051	-2.5 to 2.5	Pass
				10	3.85	-3.819	-0.0054	-2.5 to 2.5	Pass
				30	3.85	-3.991	-0.0056	-2.5 to 2.5	Pass
				40	3.85	-5.808	-0.0082	-2.5 to 2.5	Pass
				50	3.85	-5.550	-0.0078	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-3.576	-0.0050	-2.5 to 2.5	Pass
					3.85	-5.636	-0.0079	-2.5 to 2.5	Pass
					4.43	-7.052	-0.0099	-2.5 to 2.5	Pass
				-30	3.85	-4.563	-0.0064	-2.5 to 2.5	Pass
				-20	3.85	-4.077	-0.0057	-2.5 to 2.5	Pass
				-10	3.85	-5.679	-0.0080	-2.5 to 2.5	Pass
				0	3.85	-8.984	-0.0126	-2.5 to 2.5	Pass
				10	3.85	-3.948	-0.0056	-2.5 to 2.5	Pass
				30	3.85	-1.931	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-6.523	-0.0092	-2.5 to 2.5	Pass
				50	3.85	-5.693	-0.0080	-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

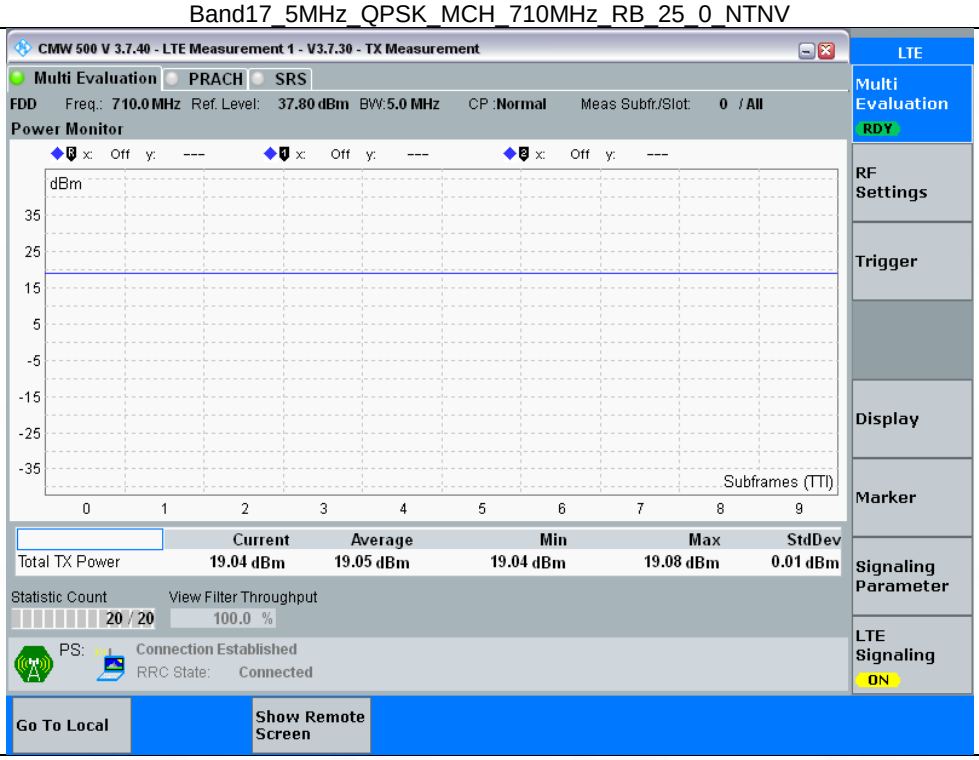
3.1.2 B17_10MHz

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

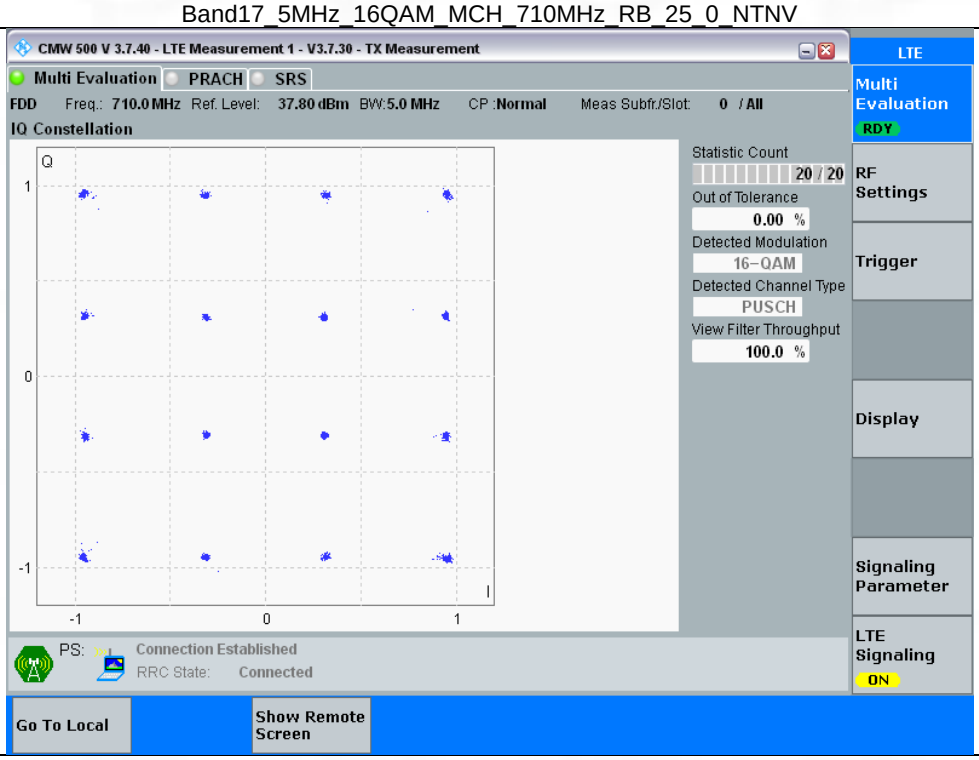
3.2 Test Graph

3.2.1 B17_5MHz

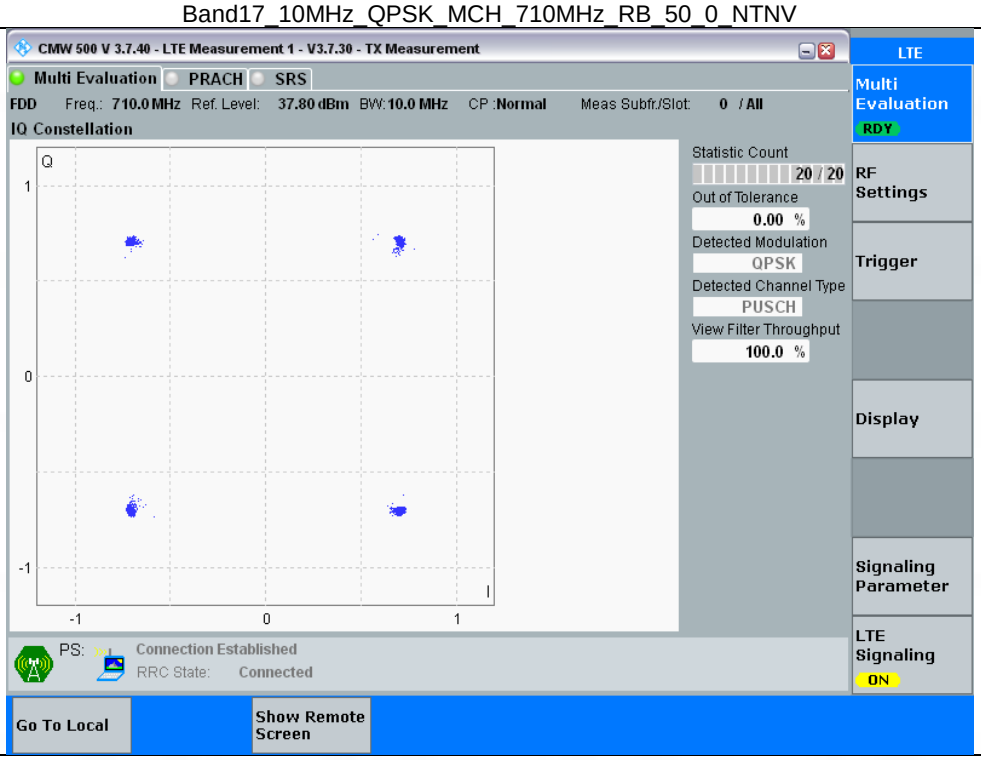
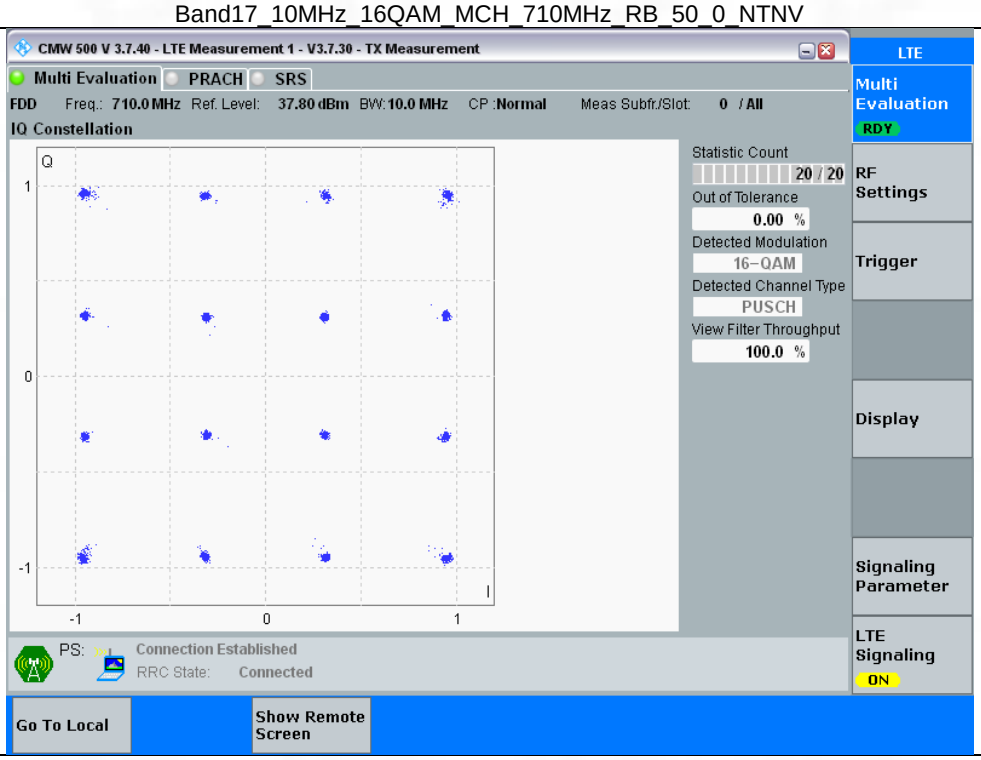
Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



3.2.2 B17_10MHz

Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV

Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV


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	4.558	/	Pass
		710	25	0	4.567	/	Pass
		713.5	25	0	4.589	/	Pass
	16QAM	706.5	25	0	4.586	/	Pass
		710	25	0	4.591	/	Pass
		713.5	25	0	4.568	/	Pass
10	QPSK	709	50	0	9.087	/	Pass
		710	50	0	9.082	/	Pass
		711	50	0	9.081	/	Pass
	16QAM	709	50	0	9.076	/	Pass
		710	50	0	9.093	/	Pass
		711	50	0	9.054	/	Pass

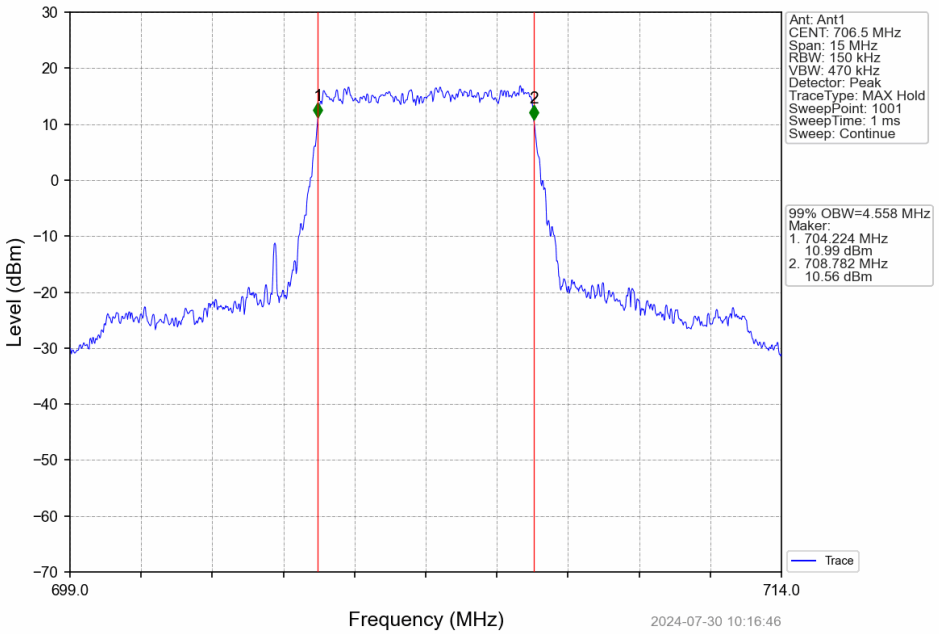
4.1.2 Band17_XDB

Band: 17 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	706.5	25	0	5.336	/	Pass
		710	25	0	5.229	/	Pass
		713.5	25	0	5.412	/	Pass
	16QAM	706.5	25	0	5.273	/	Pass
		710	25	0	5.232	/	Pass
		713.5	25	0	5.244	/	Pass
10	QPSK	709	50	0	10.316	/	Pass
		710	50	0	15.392	/	Pass
		711	50	0	11.151	/	Pass
	16QAM	709	50	0	10.299	/	Pass
		710	50	0	14.731	/	Pass
		711	50	0	10.211	/	Pass

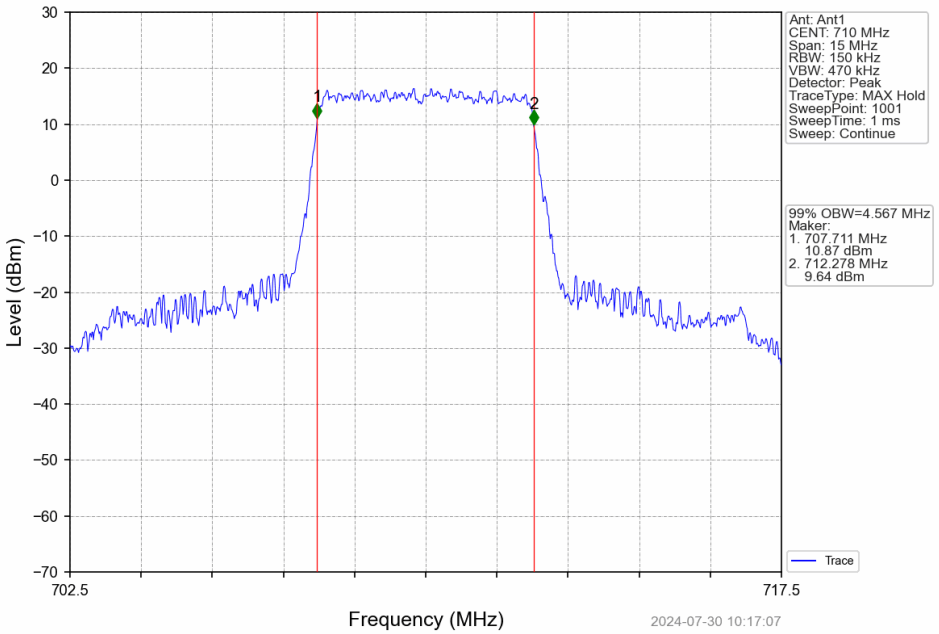
4.2 Test Graph

4.2.1 Band17_OBW

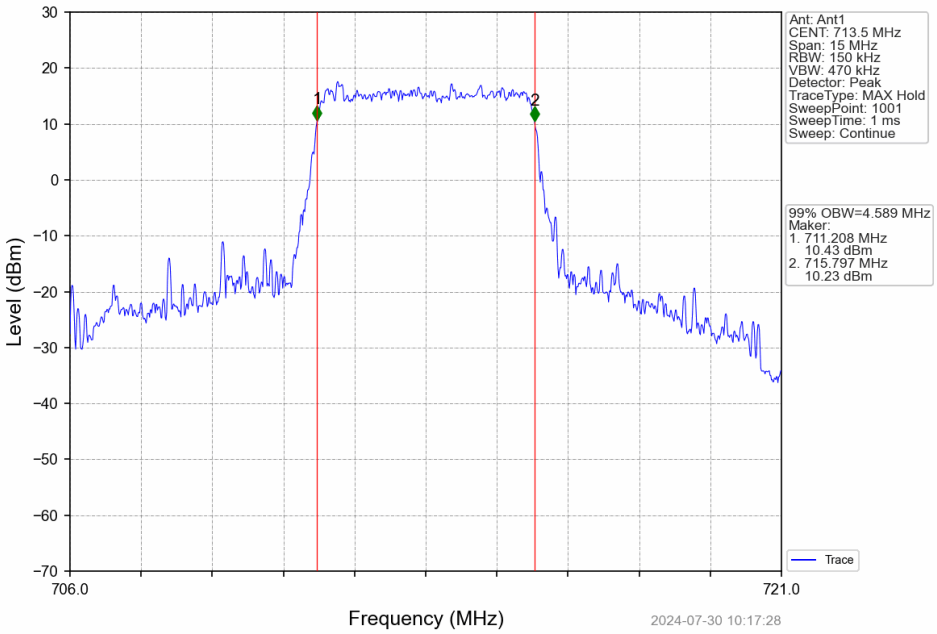
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



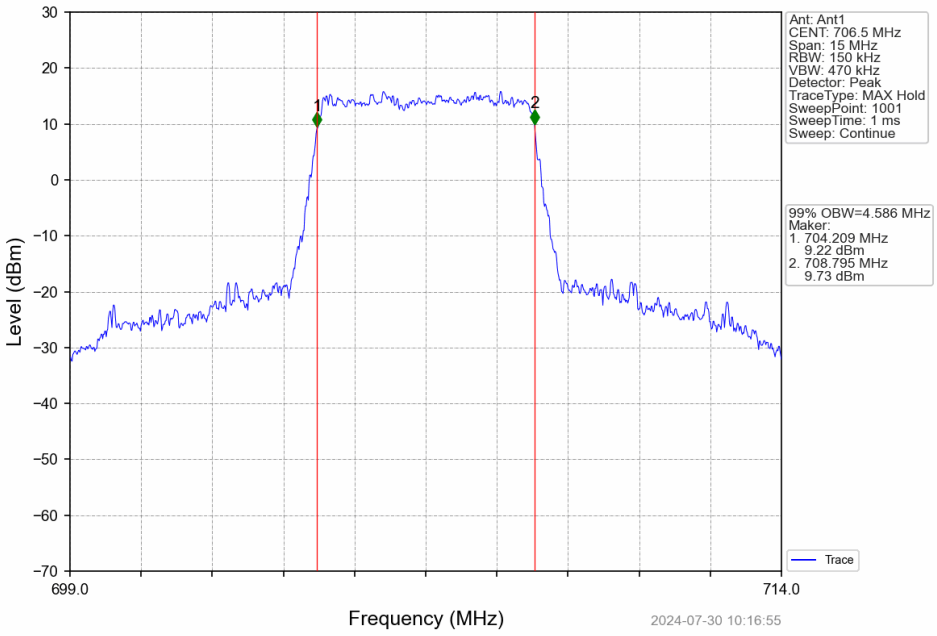
Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



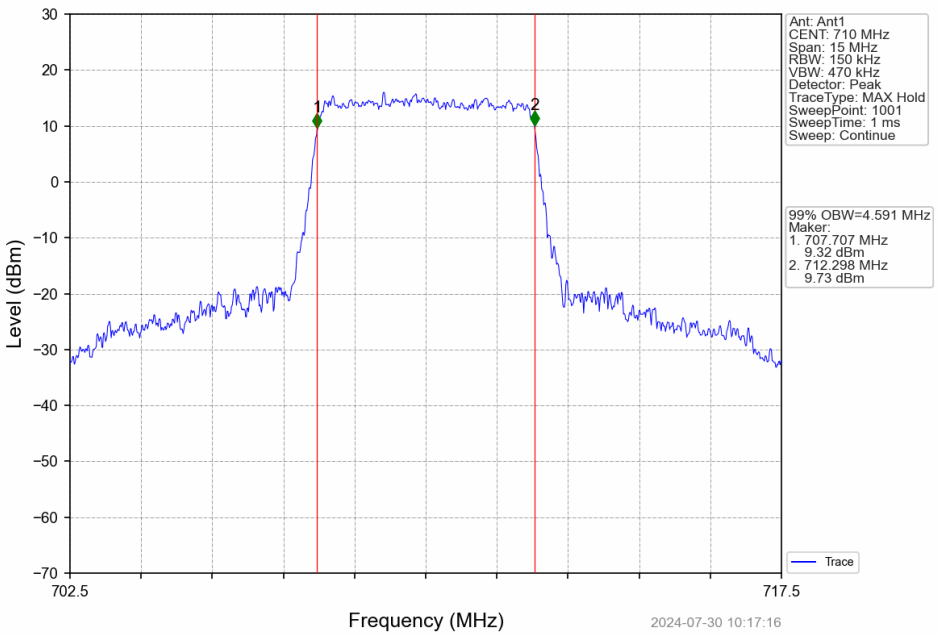
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



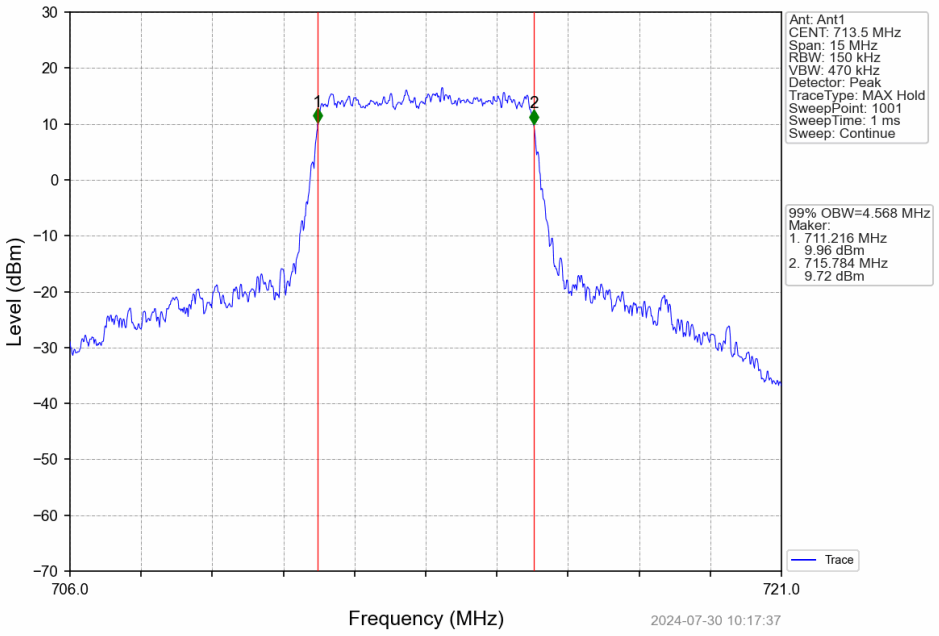
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



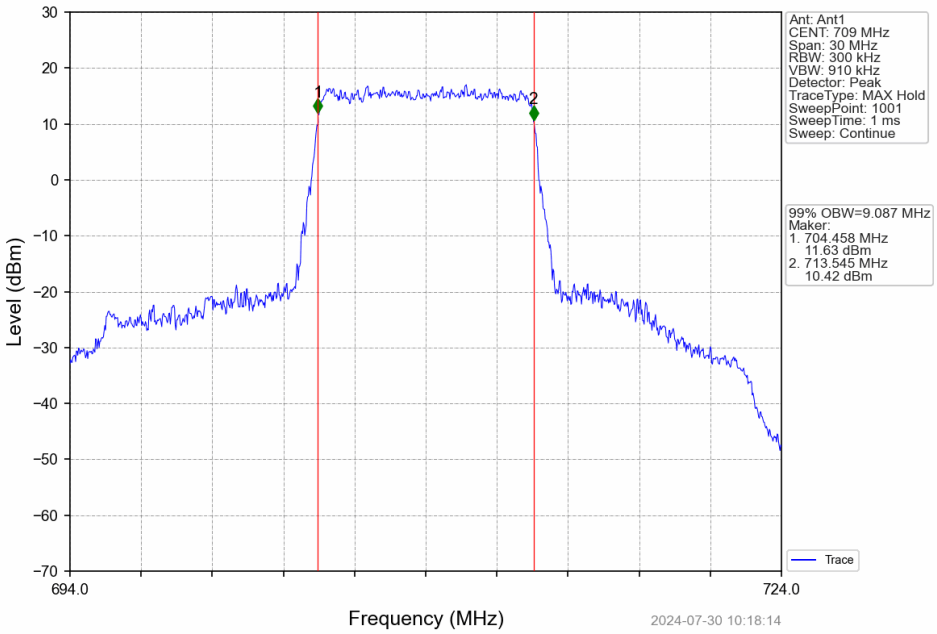
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



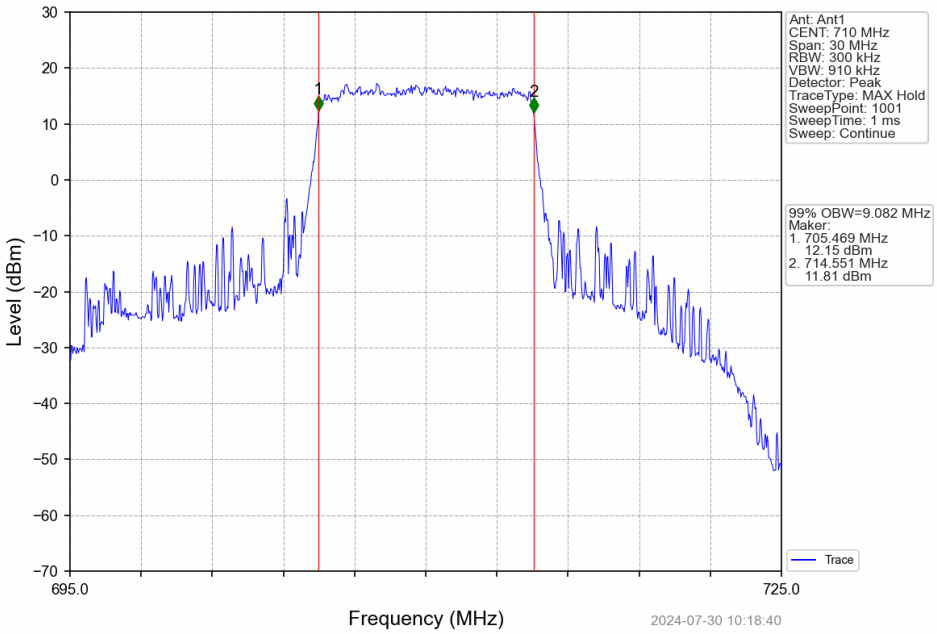
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



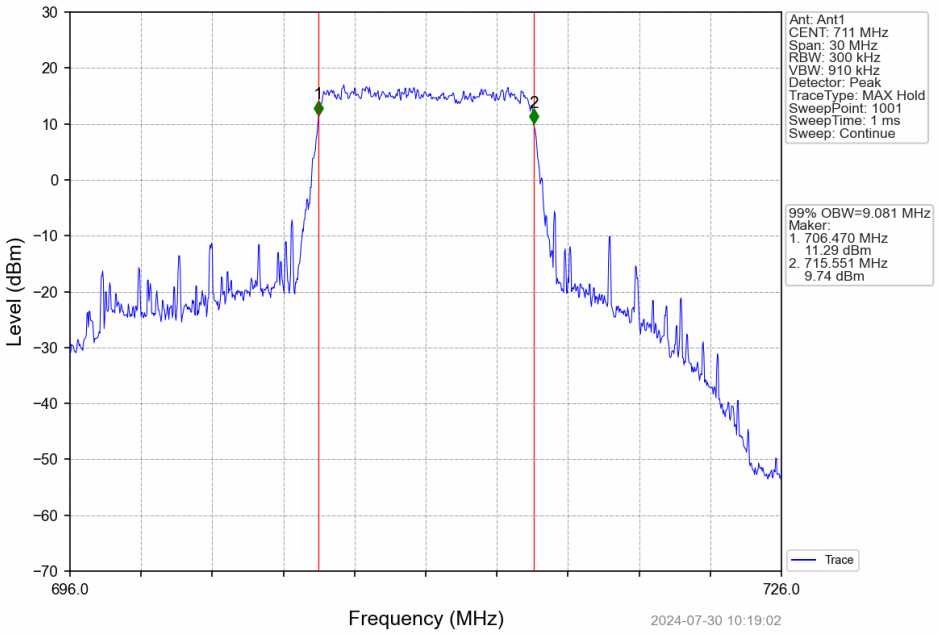
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



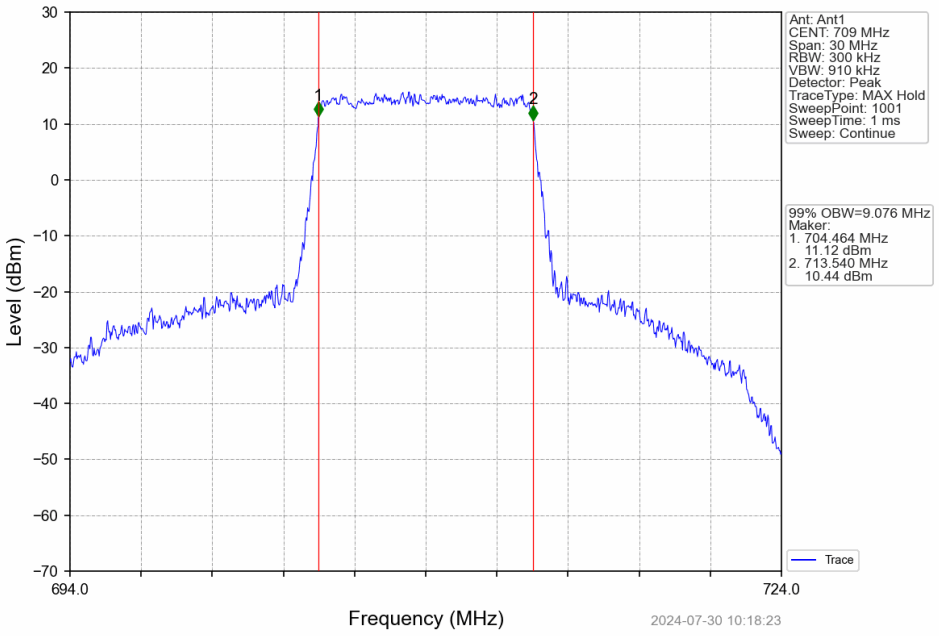
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



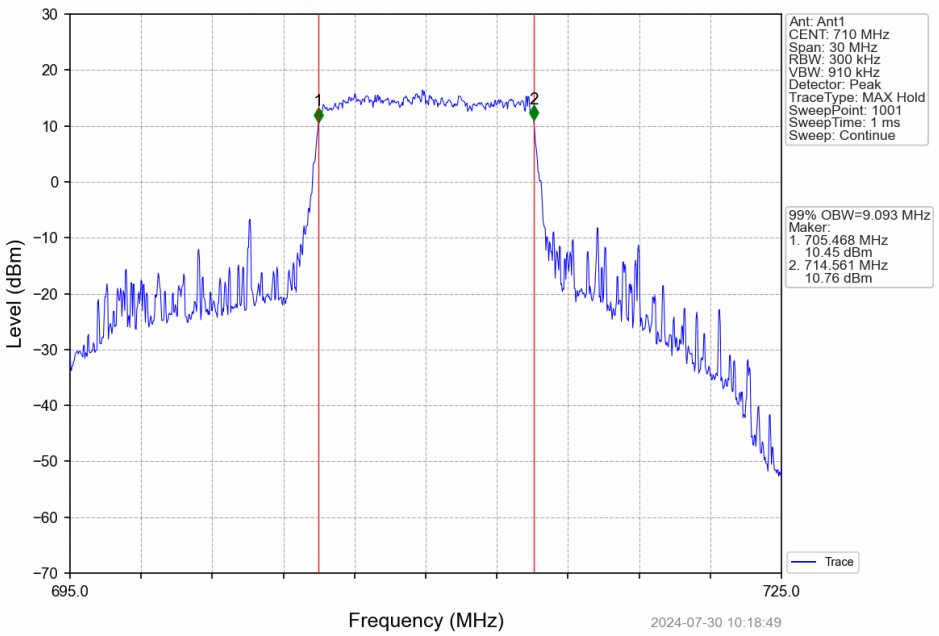
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



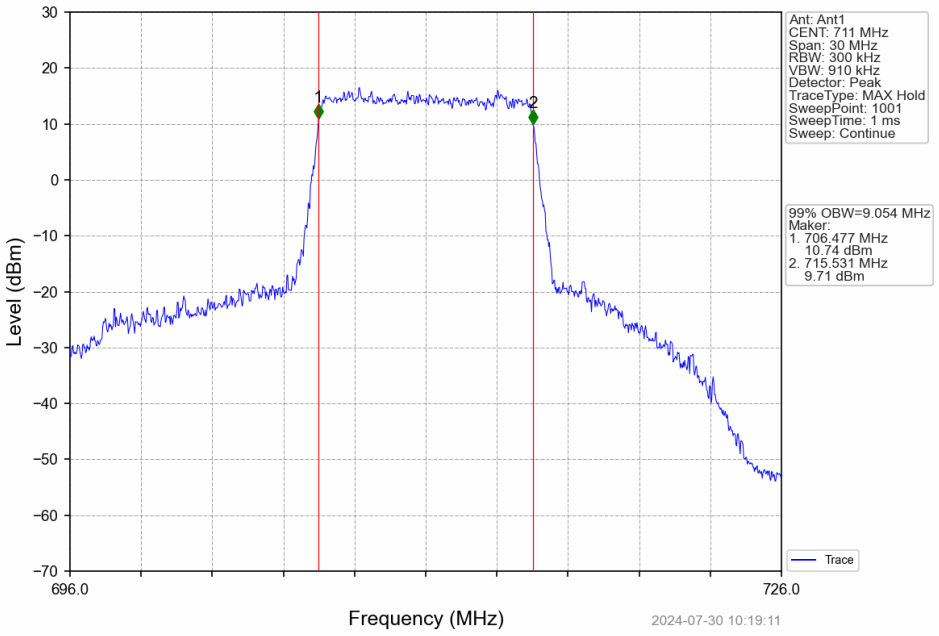
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV

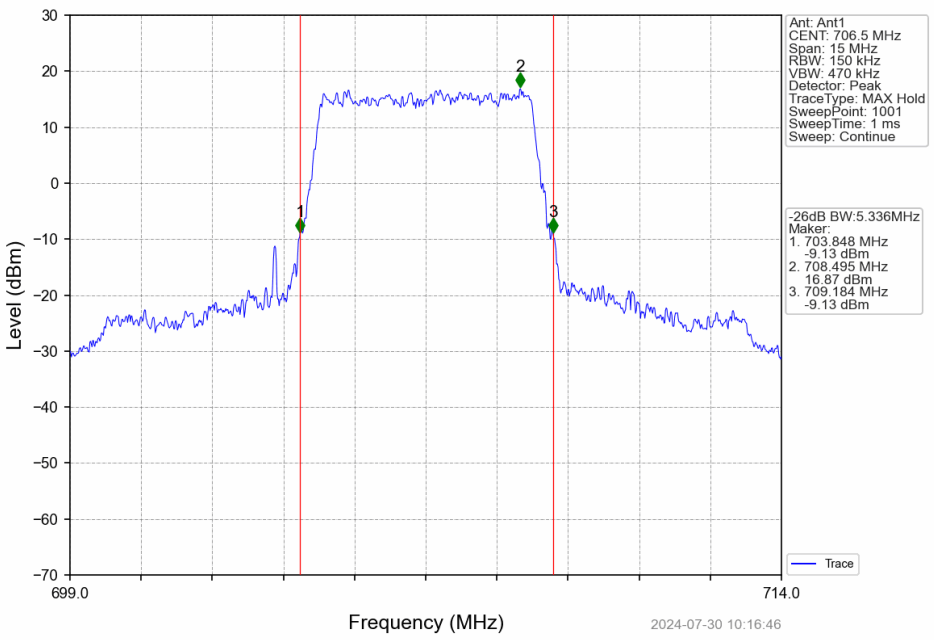


Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV

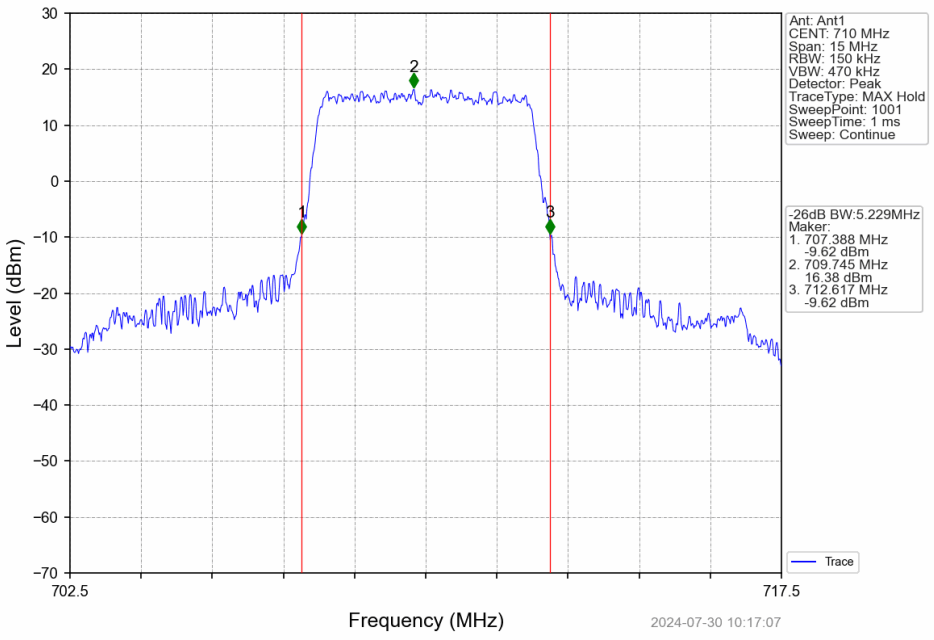


4.2.2 Band17_XDB

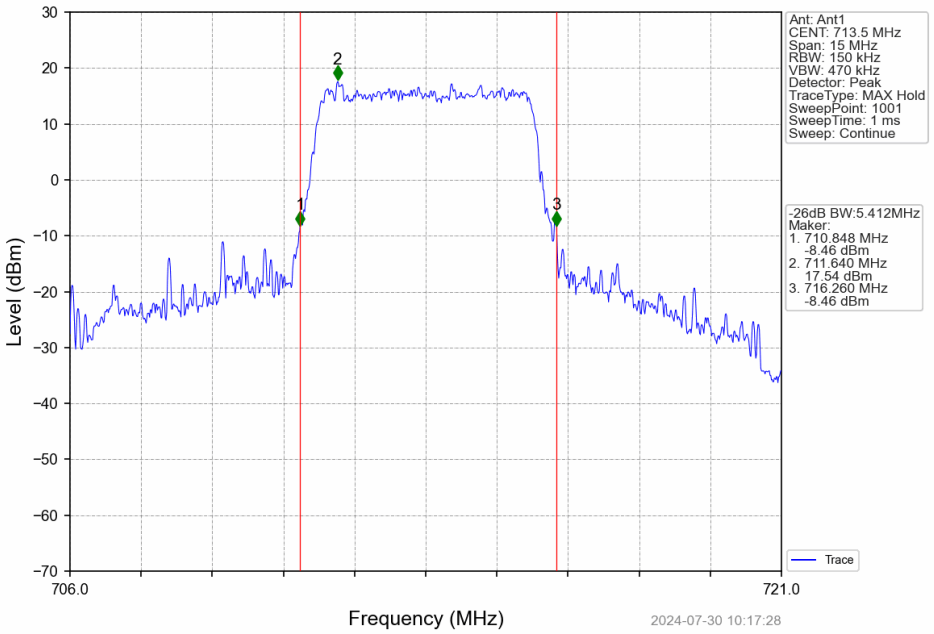
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



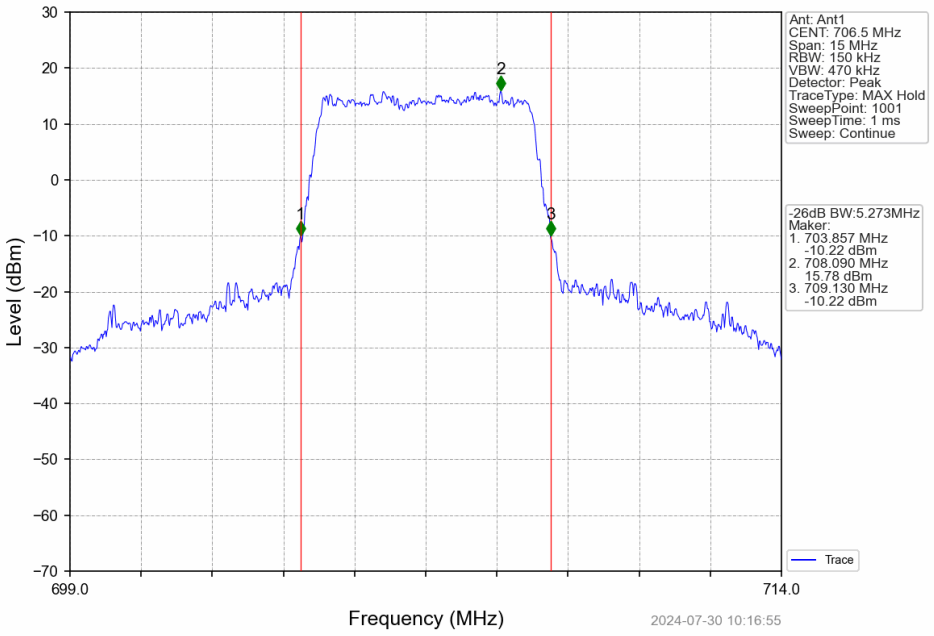
Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



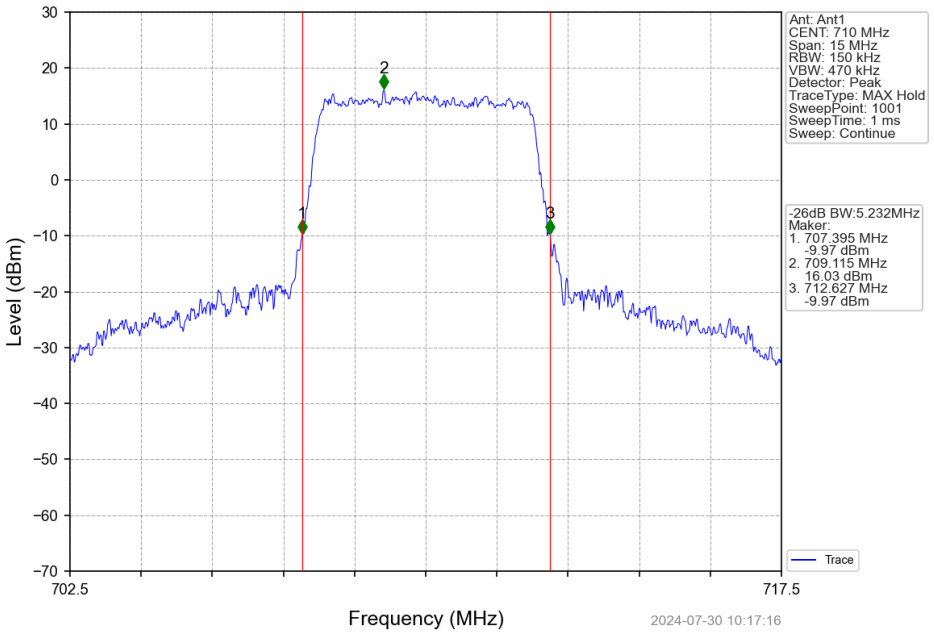
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



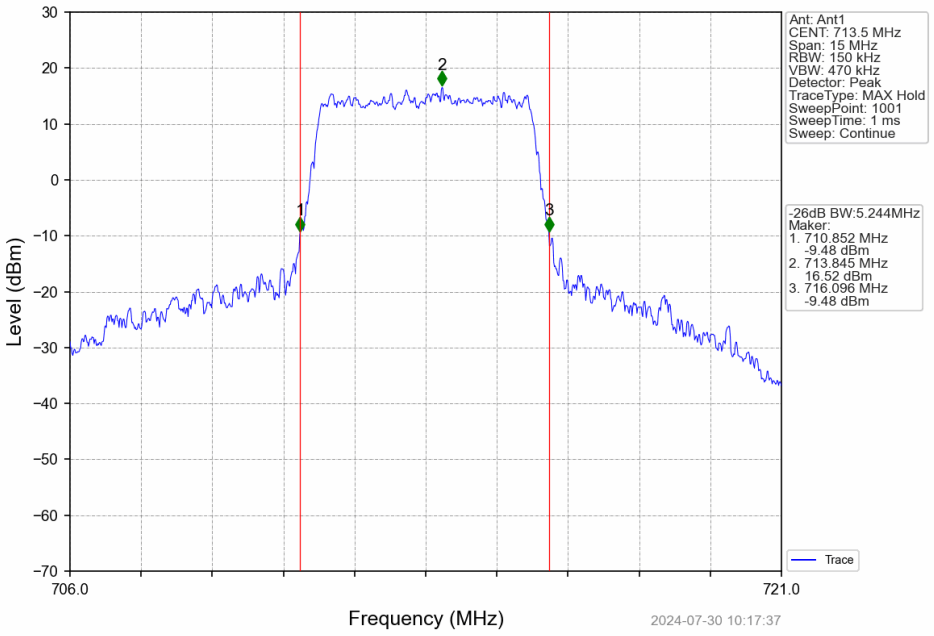
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



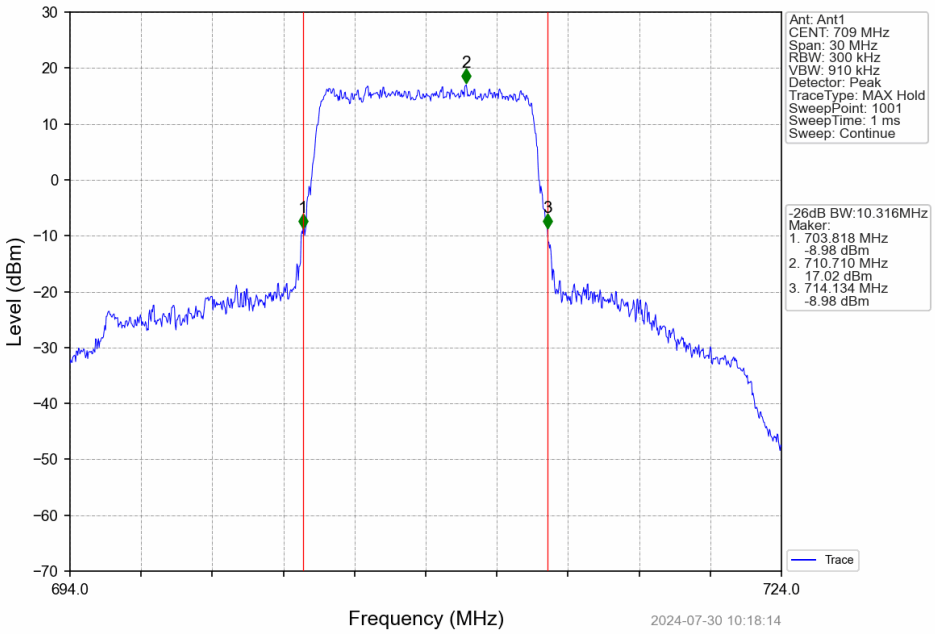
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



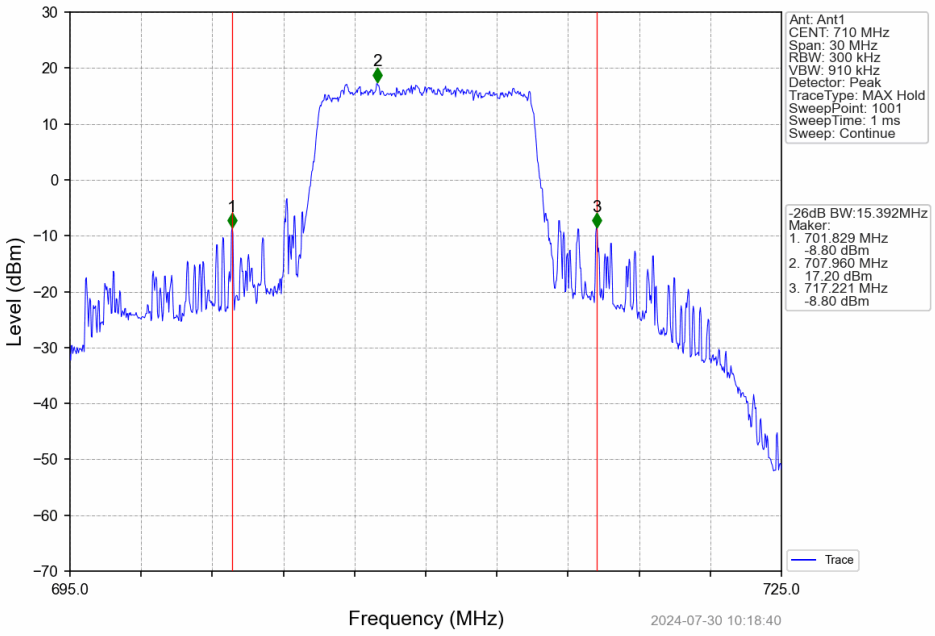
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



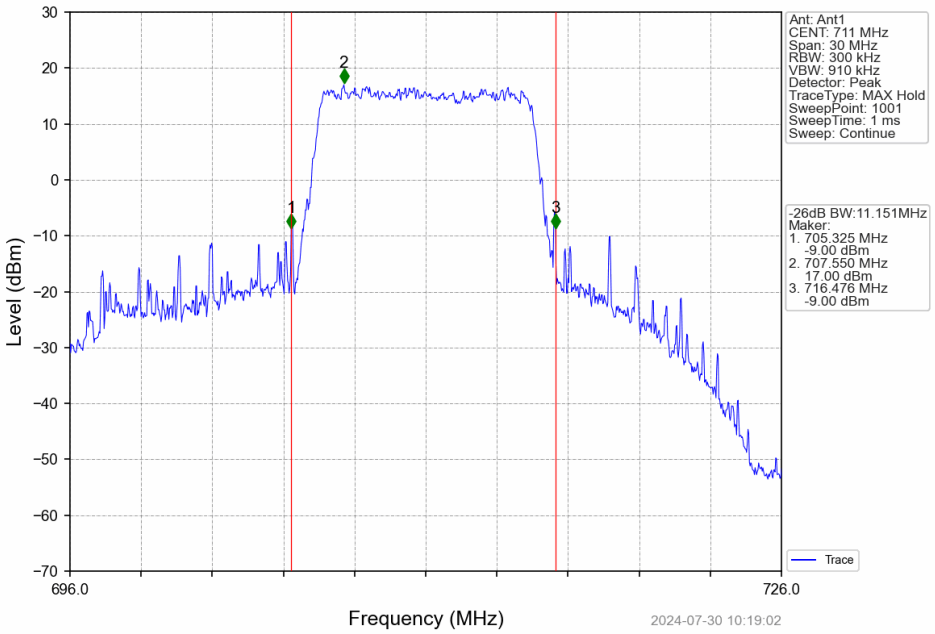
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



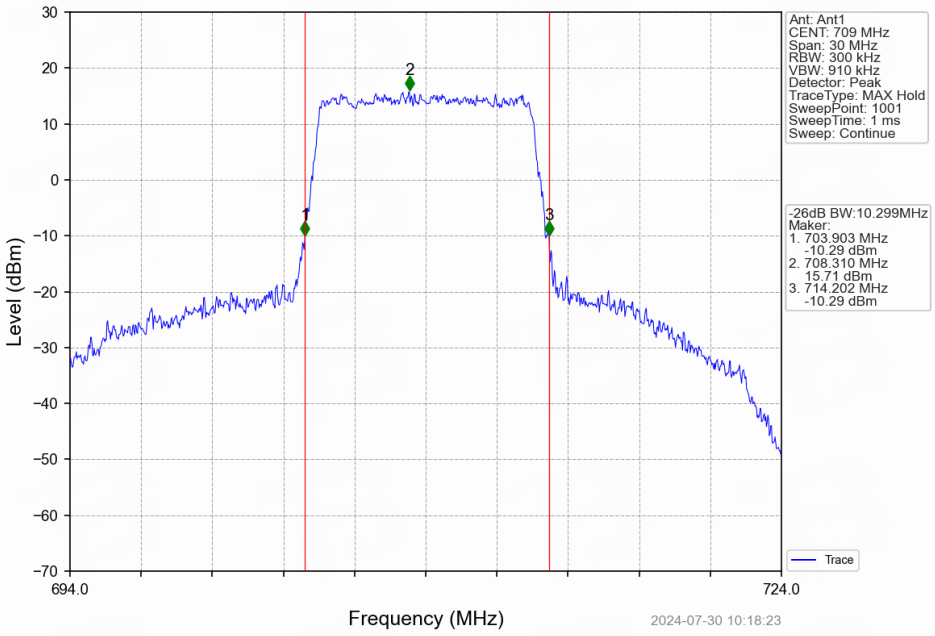
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



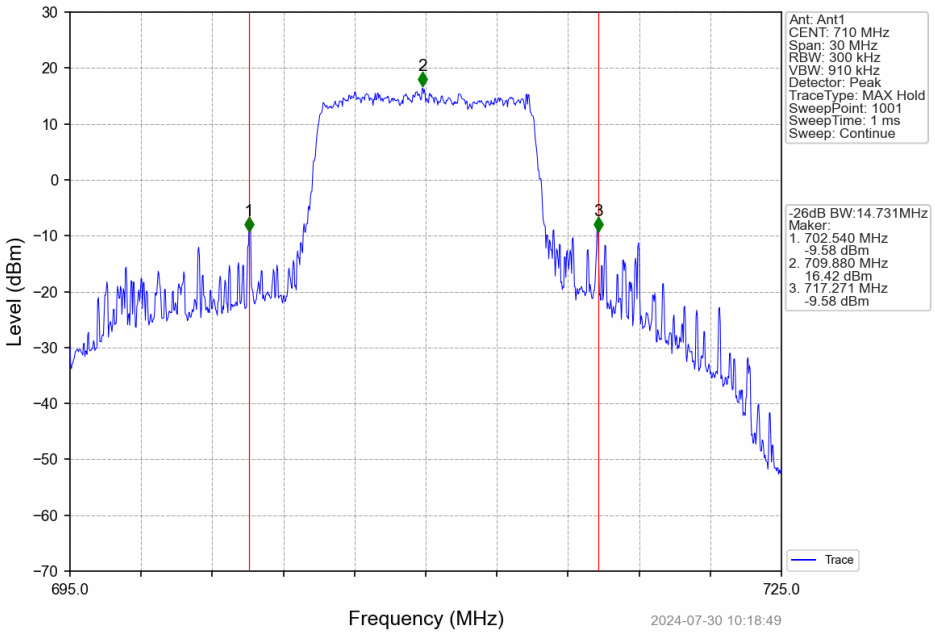
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



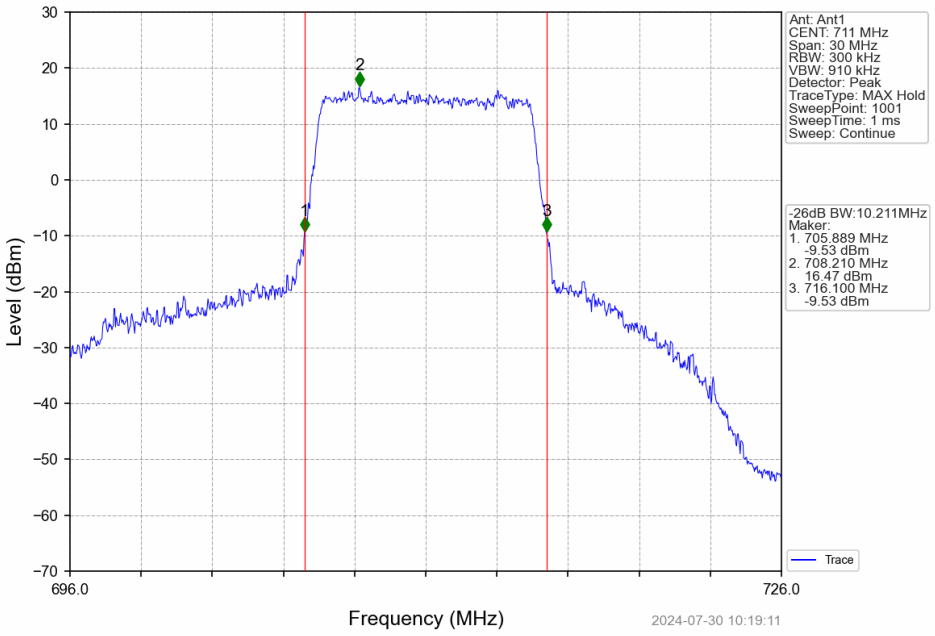
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



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	5.27	<=13	Pass
	710	25	0	5.26	<=13	Pass
	713.5	25	0	5.10	<=13	Pass
16QAM	706.5	25	0	6.00	<=13	Pass
	710	25	0	6.01	<=13	Pass
	713.5	25	0	5.86	<=13	Pass

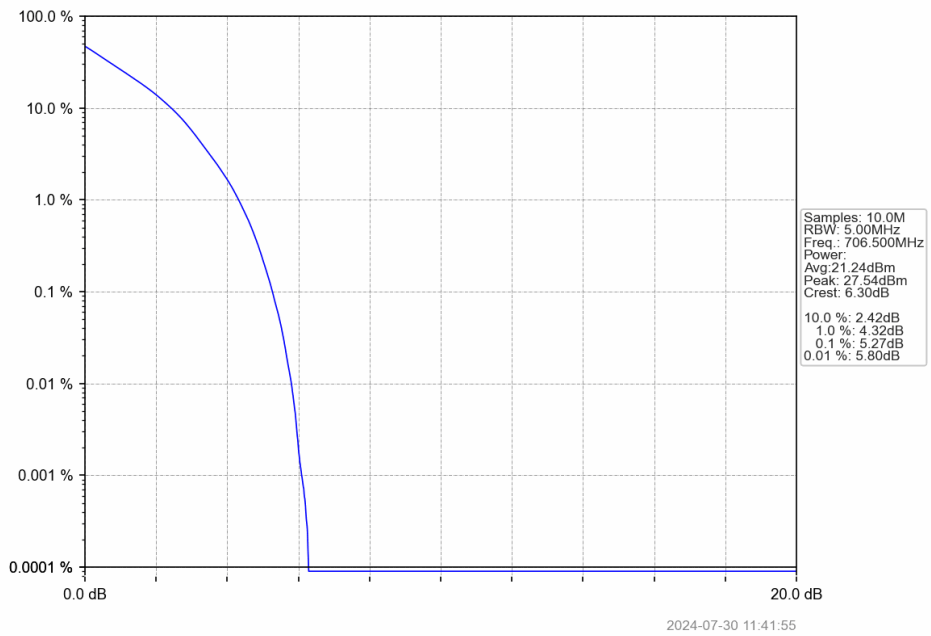
5.1.2 B17_10MHz

Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	709	50	0	5.22	<=13	Pass
	710	50	0	5.17	<=13	Pass
	711	50	0	5.18	<=13	Pass
16QAM	709	50	0	6.04	<=13	Pass
	710	50	0	6.01	<=13	Pass
	711	50	0	5.96	<=13	Pass

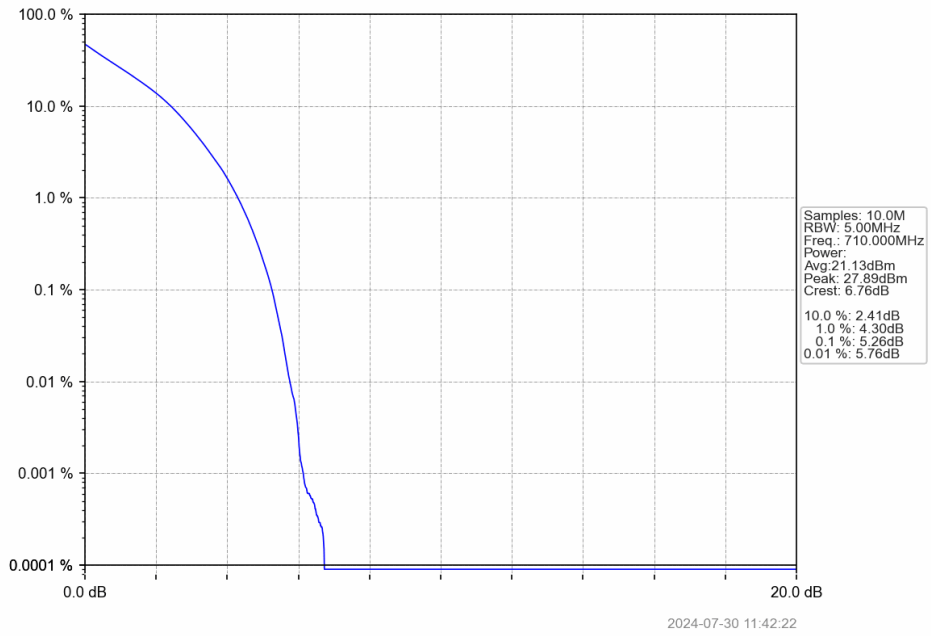
5.2 Test Graph

5.2.1 B17_5MHz

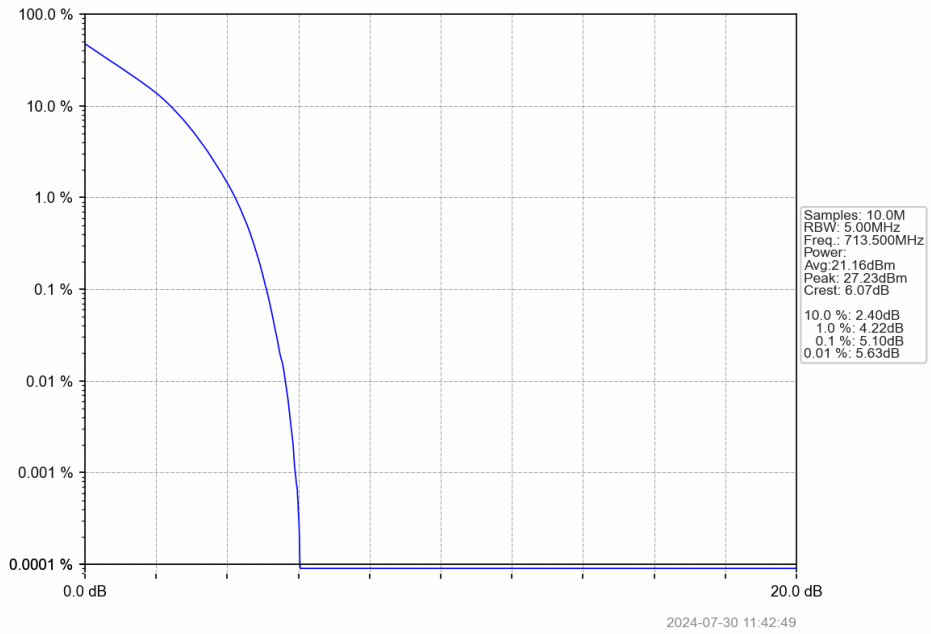
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



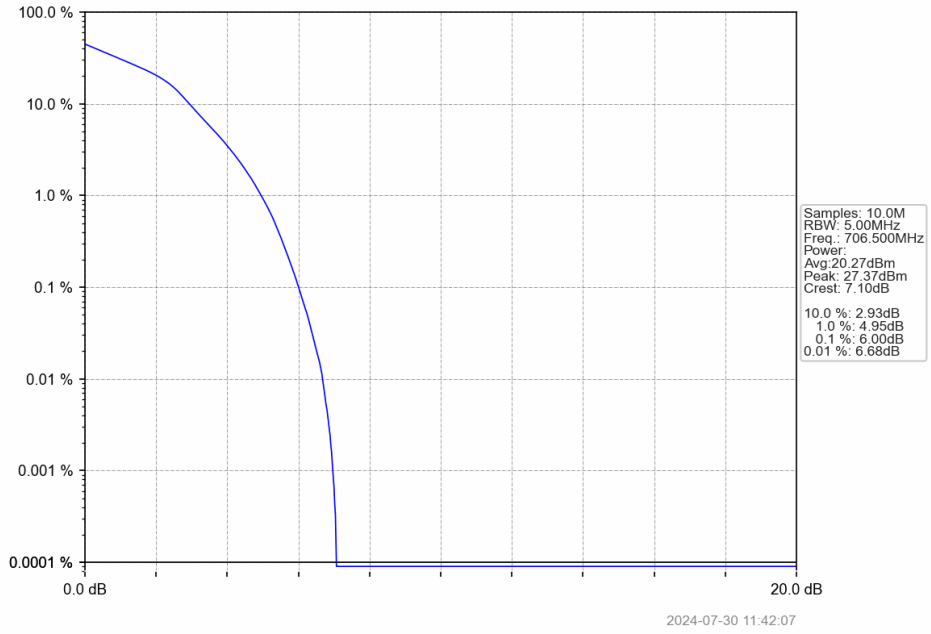
Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



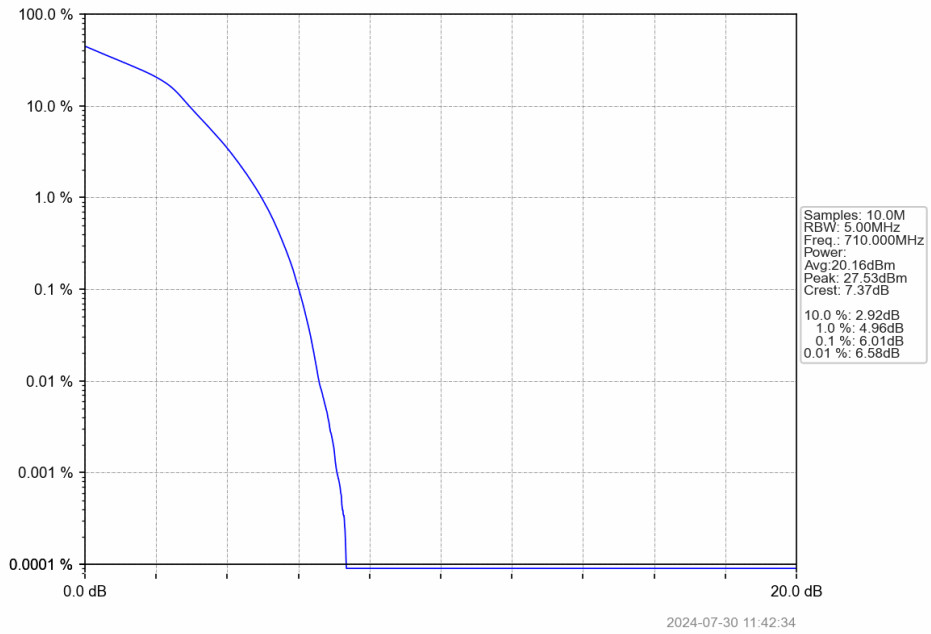
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



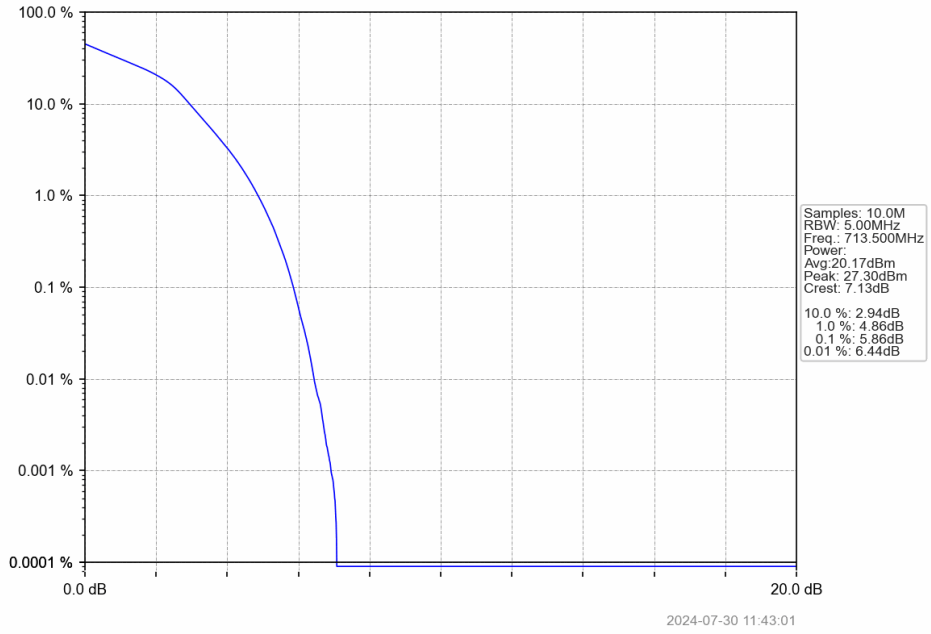
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV

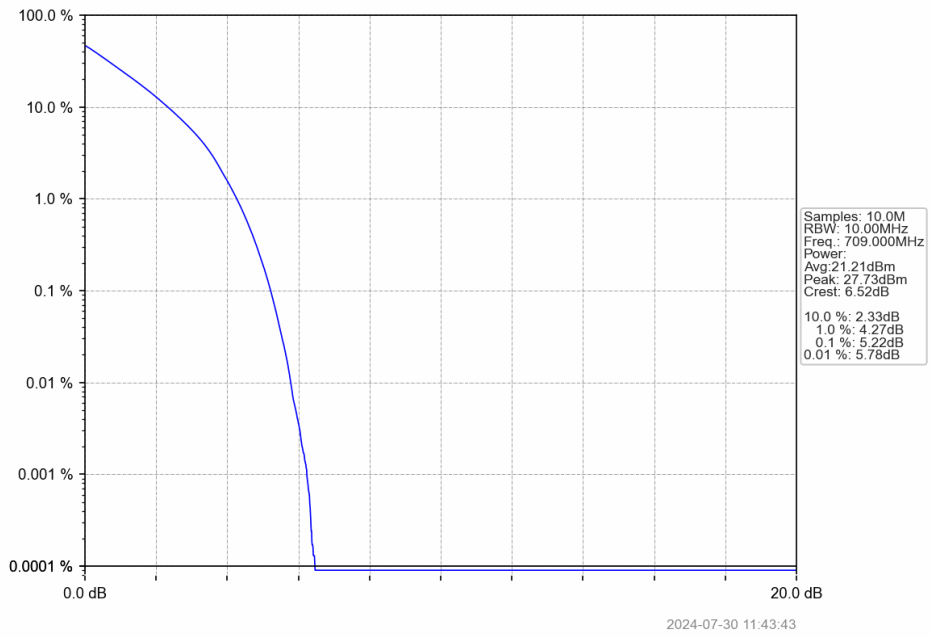


Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV

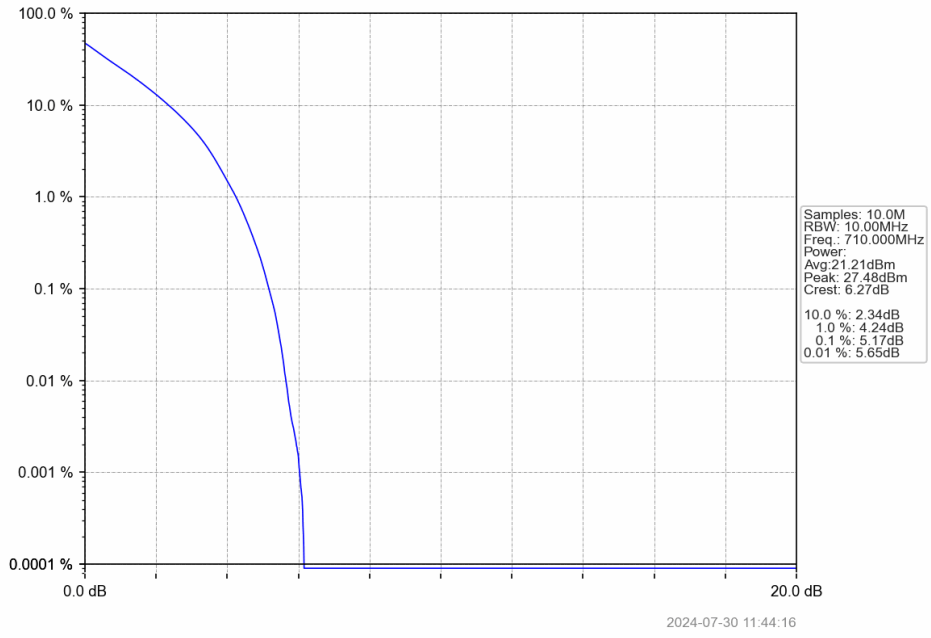


5.2.2 B17_10MHz

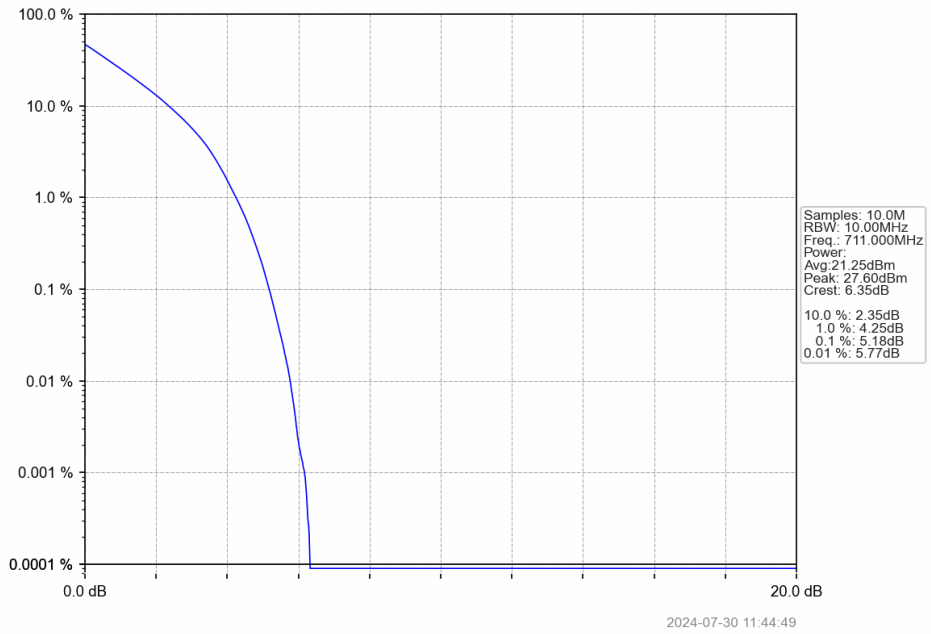
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



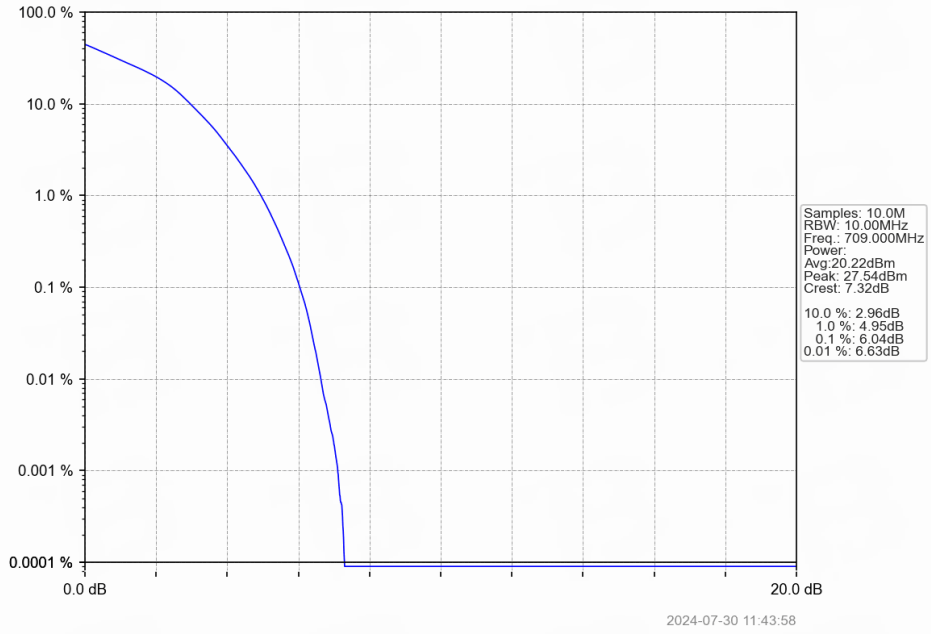
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



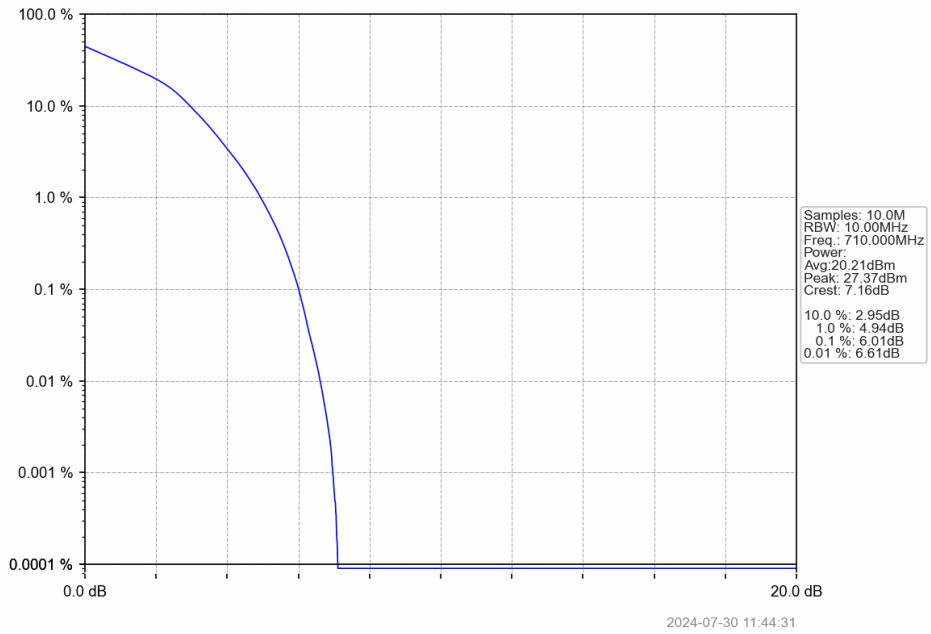
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



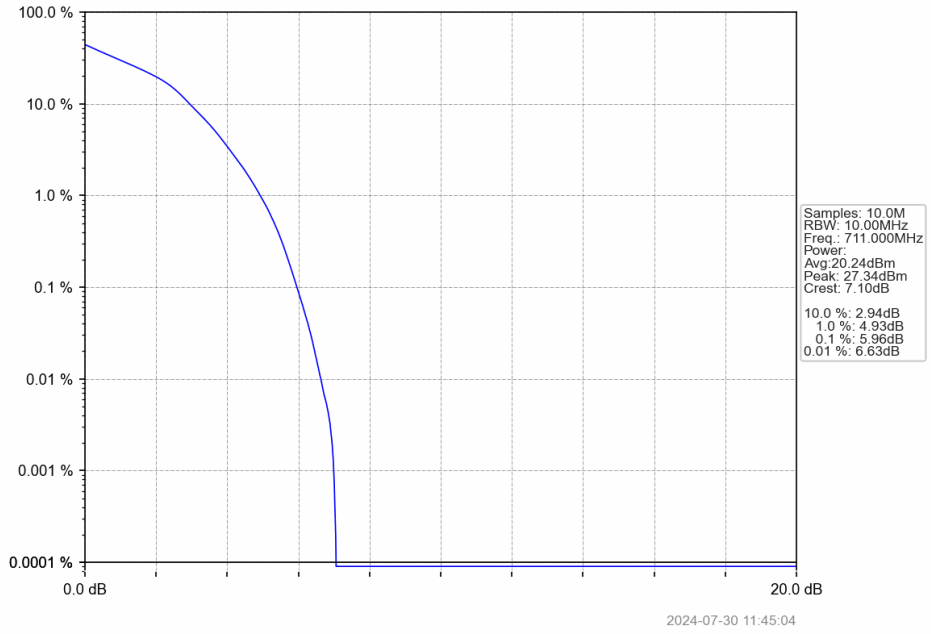
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



6. Spurious Emission

6.1 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

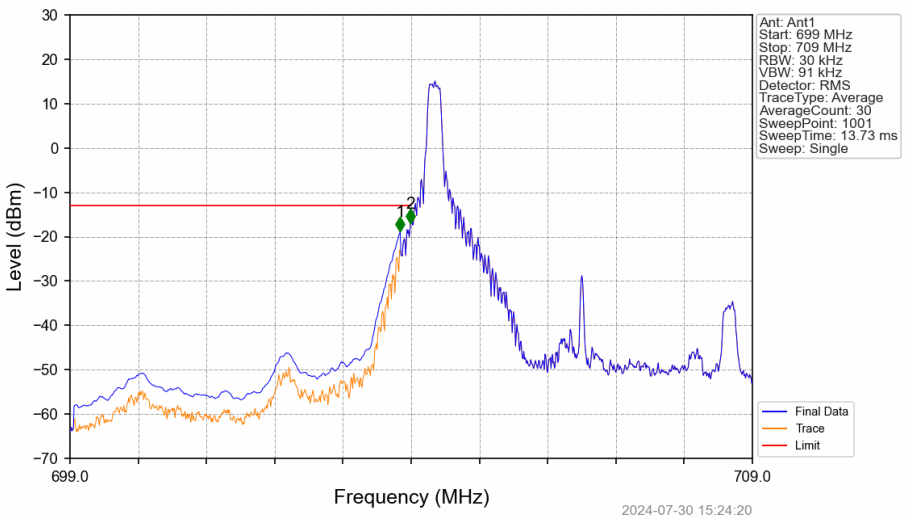
6.1.2 B17_10MHz

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

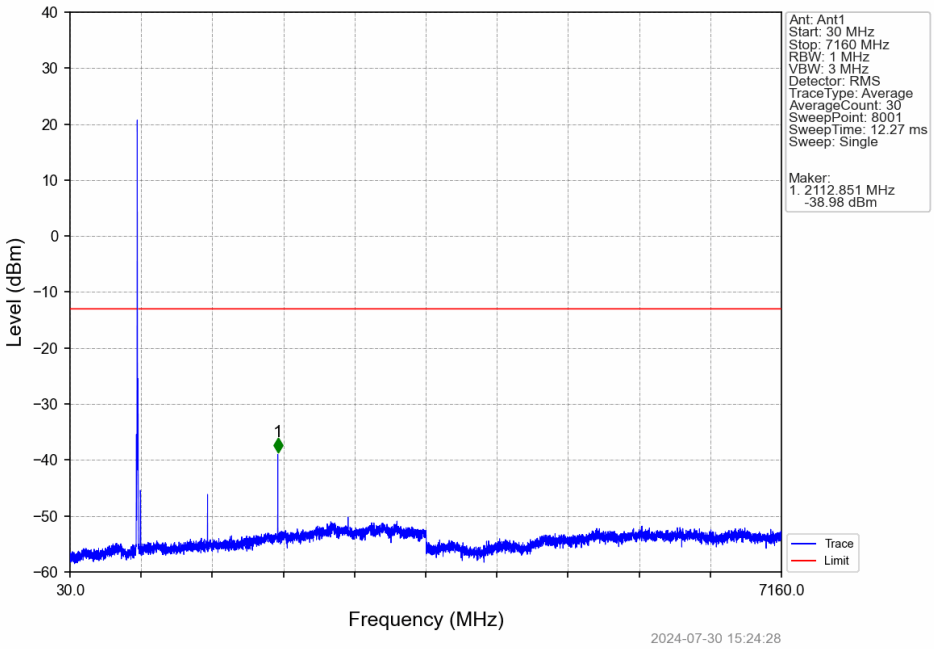
6.2.1 B17_5MHz

Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV

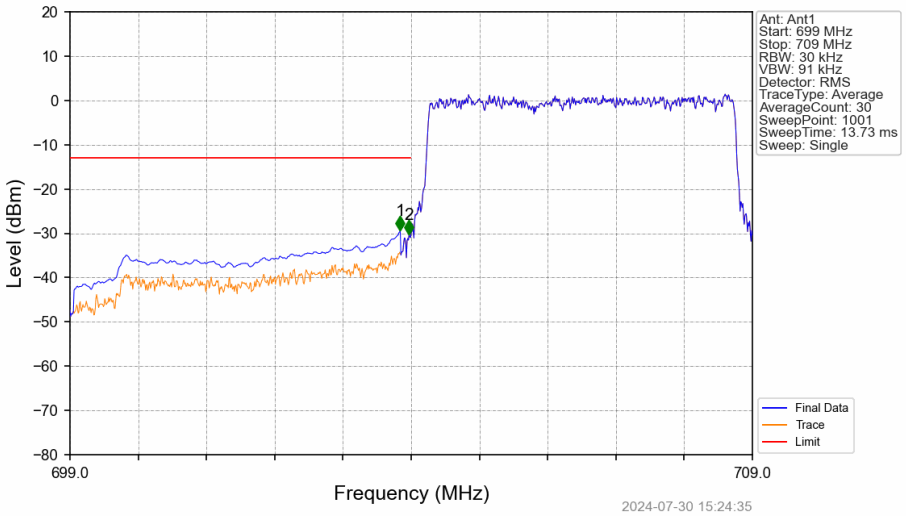


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-18.81	-13	Pass
703.9	704	0.03	/	2	703.990	-16.88	-13	Pass
704	709	0.03	/	/	/	/	/	/

Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV

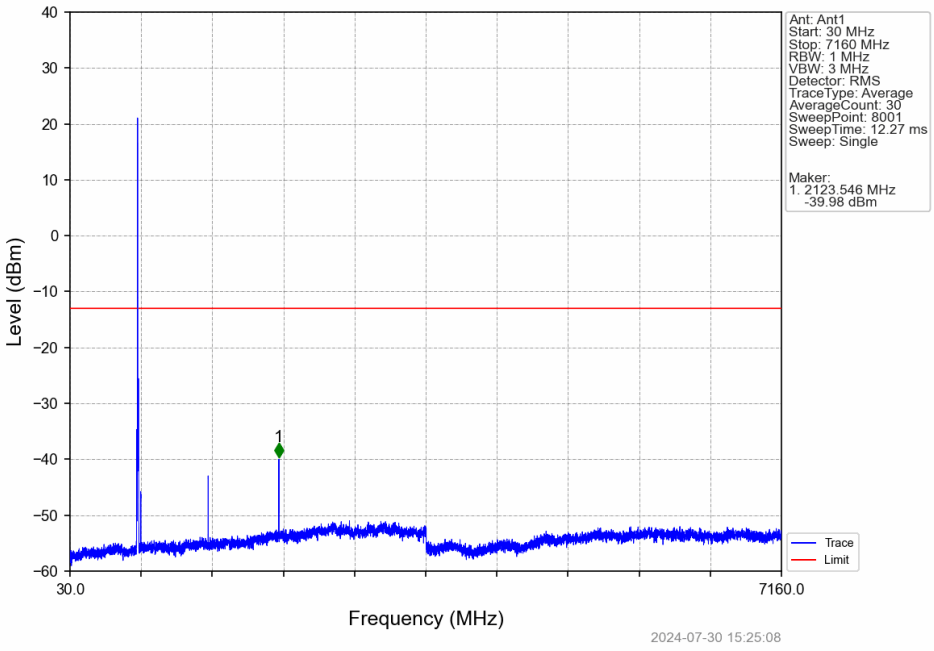


Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV

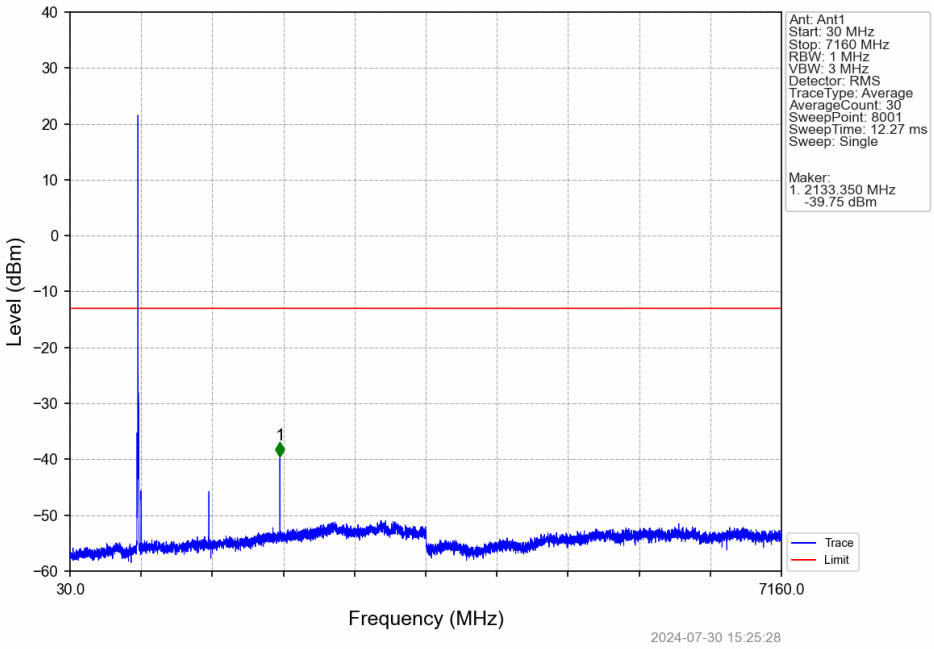


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-29.35	-13	Pass
703.9	704	0.03	/	2	703.970	-30.23	-13	Pass
704	709	0.03	/	/	/	/	/	/

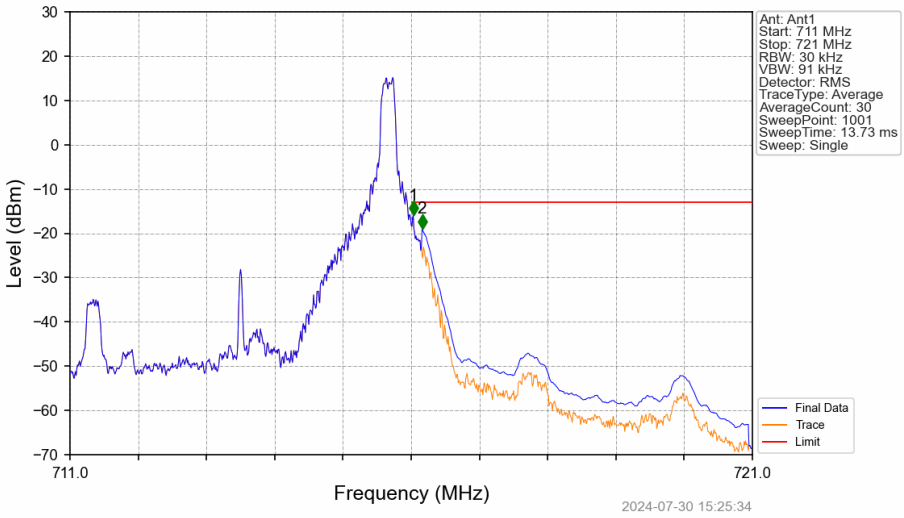
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV

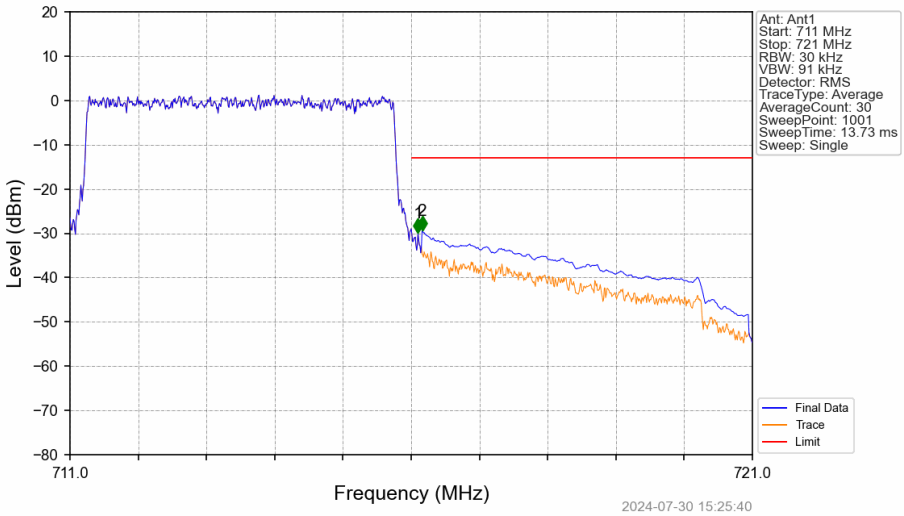


Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV



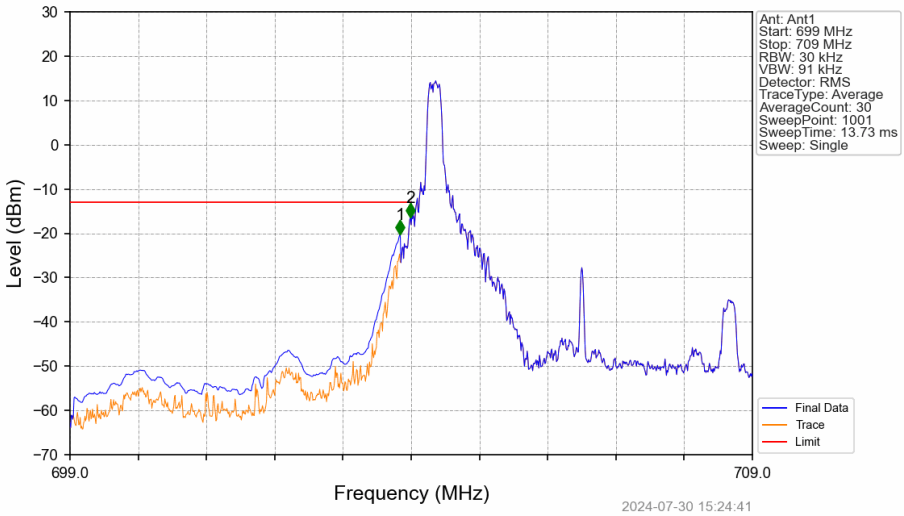
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.030	-15.89	-13	Pass
716.1	721	0.1	CHP	2	716.160	-18.85	-13	Pass

Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



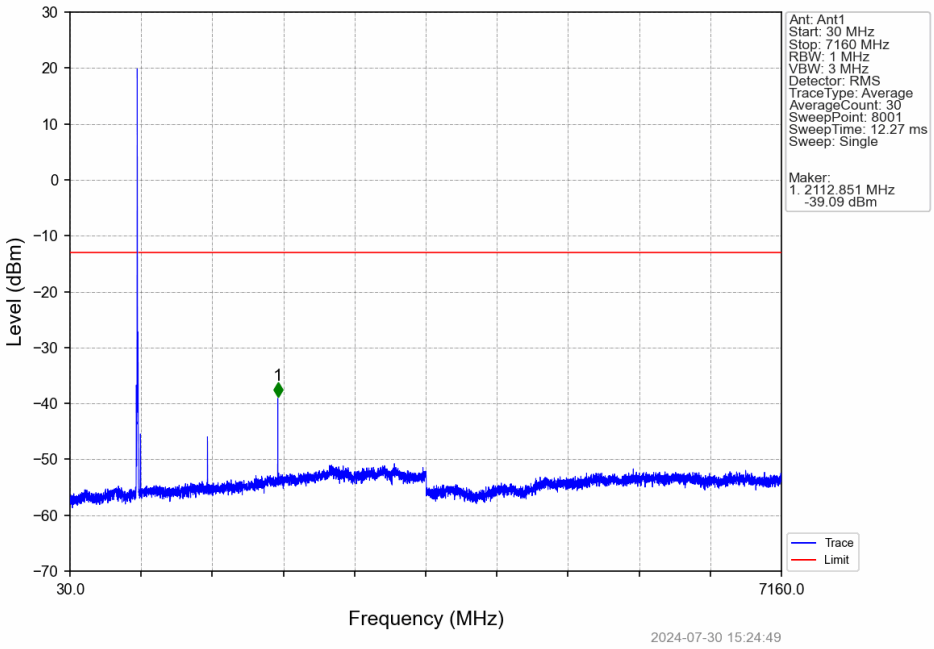
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.100	-29.92	-13	Pass
716.1	721	0.1	CHP	2	716.160	-29.27	-13	Pass

Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV

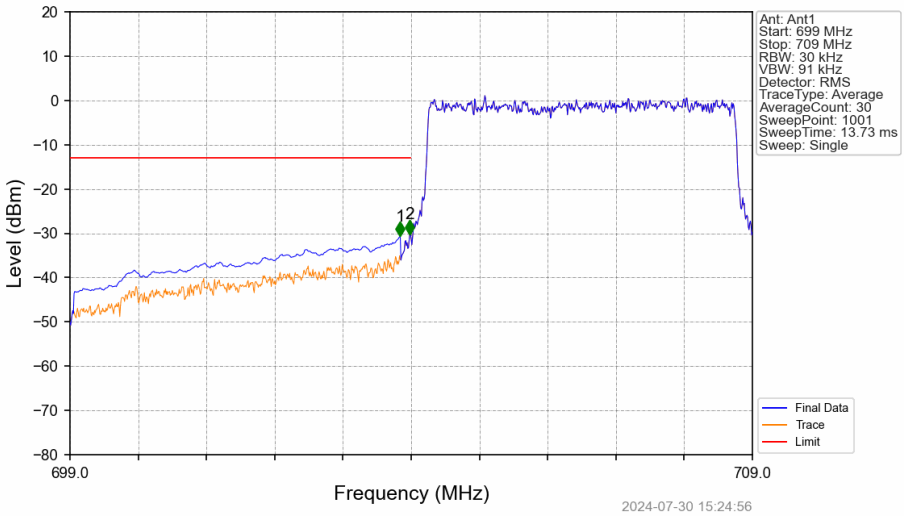


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-20.19	-13	Pass
703.9	704	0.03	/	2	703.990	-16.37	-13	Pass
704	709	0.03	/	/	/	/	/	/

Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV

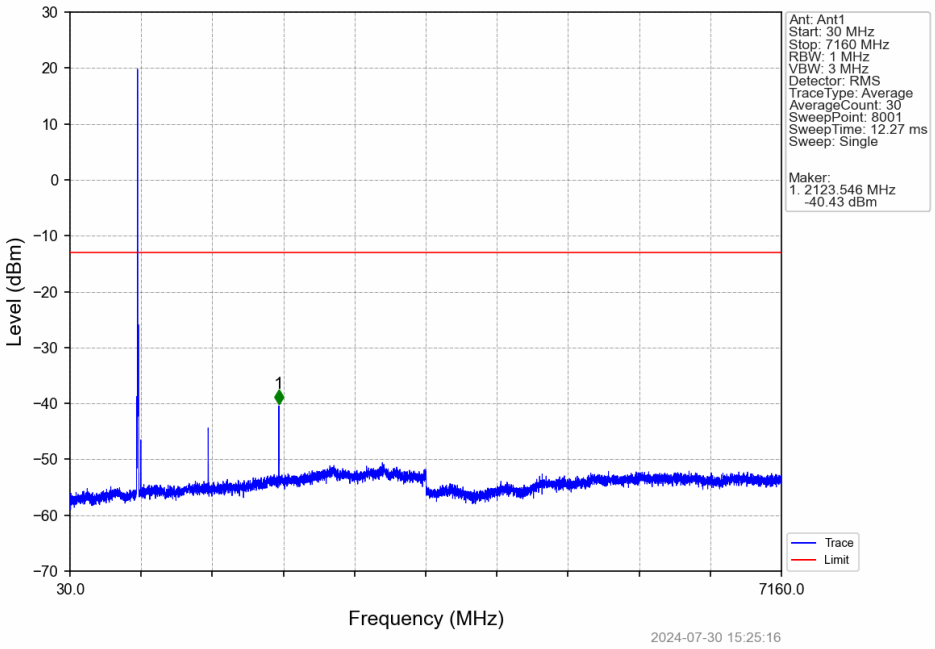


Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV

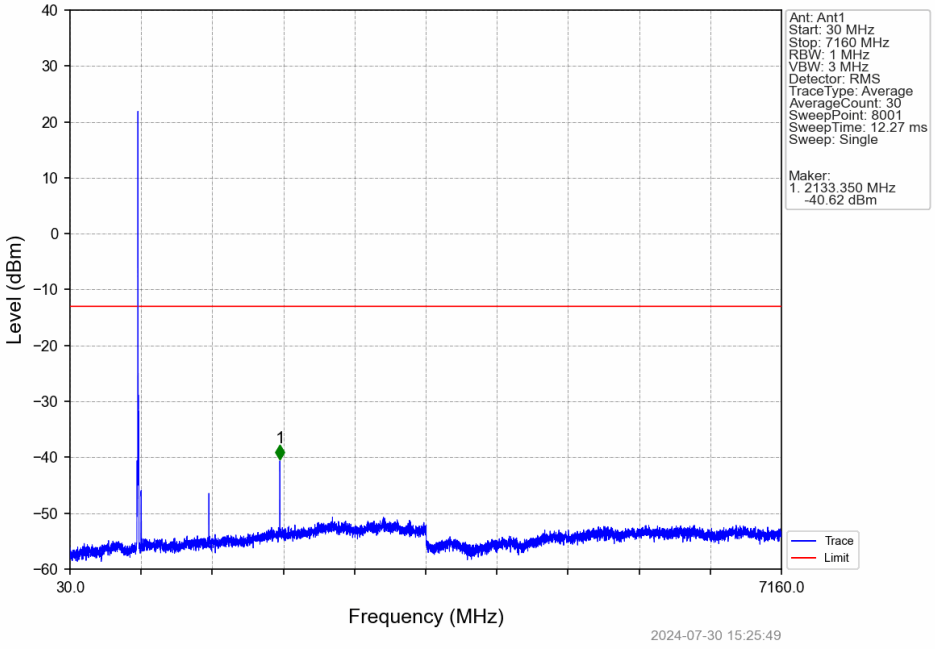


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-30.58	-13	Pass
703.9	704	0.03	/	2	703.980	-30.12	-13	Pass
704	709	0.03	/	/	/	/	/	/

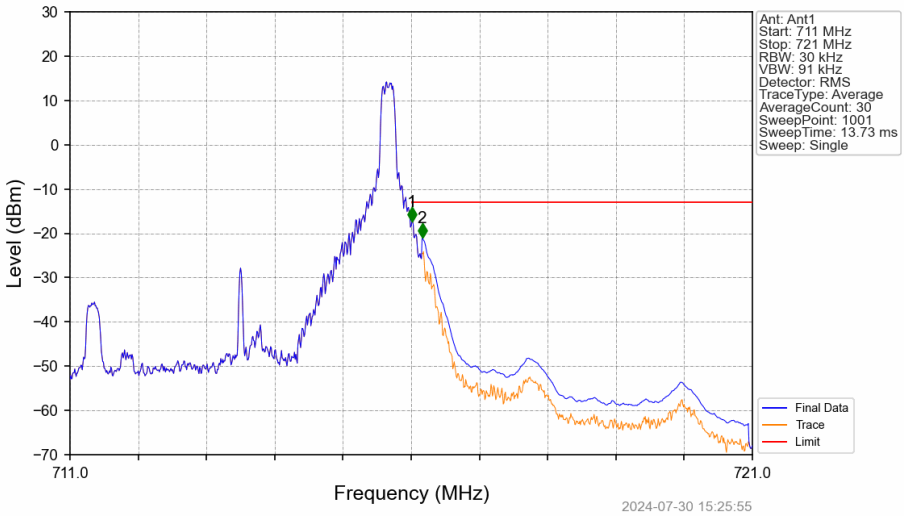
Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV

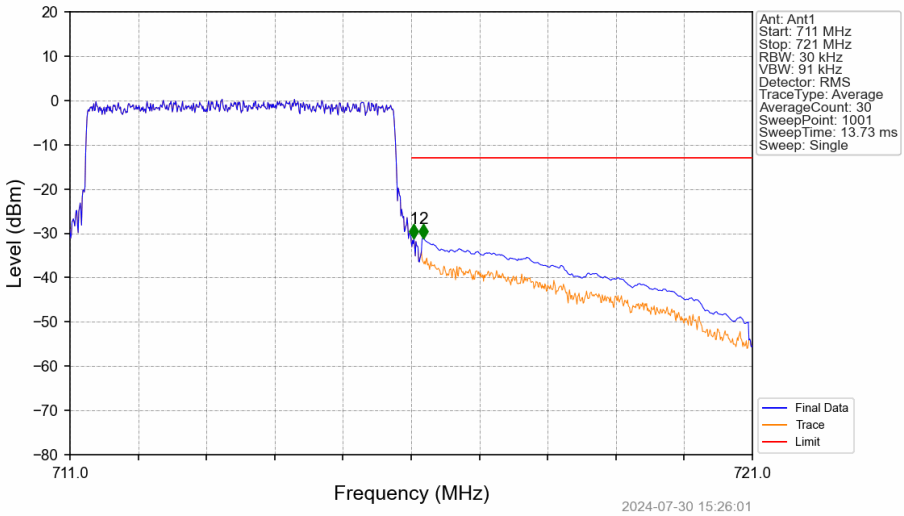


Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_24_NTNV



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	-17.26	-13	Pass
716.1	721	0.1	CHP	2	716.160	-20.91	-13	Pass

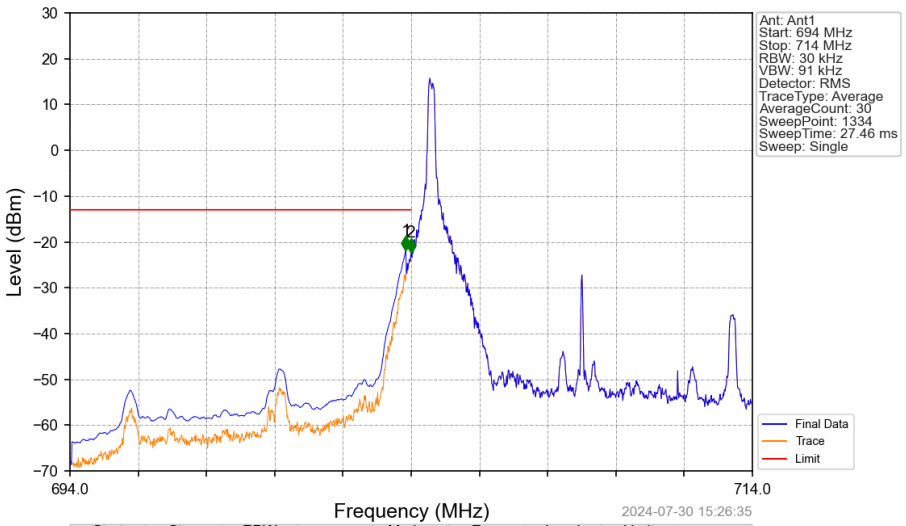
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



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	716.040	-31.19	-13	Pass
716.1	721	0.1	CHP	2	716.180	-31.17	-13	Pass

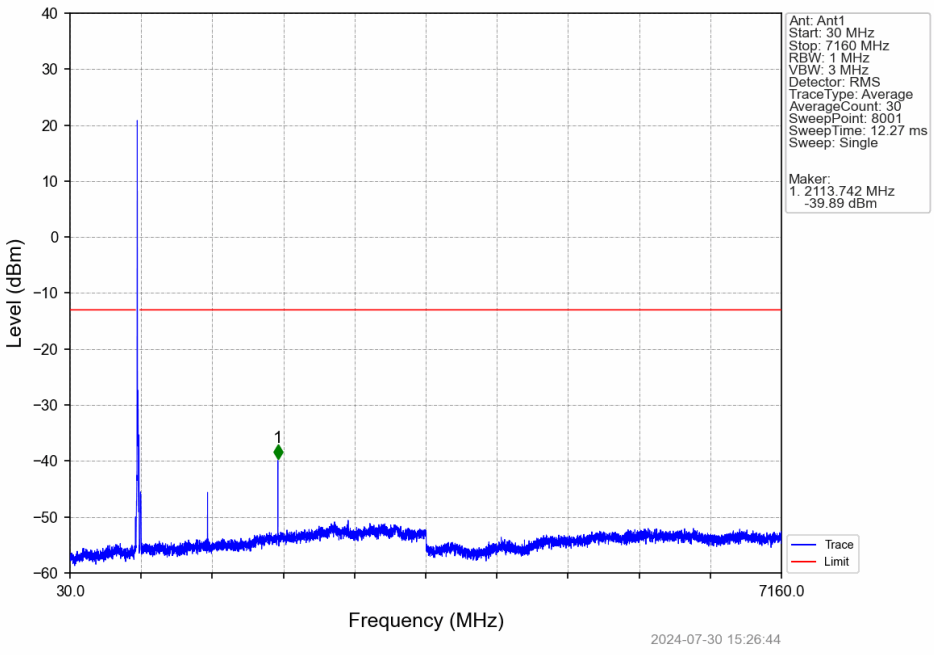
6.2.2 B17_10MHz

Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV

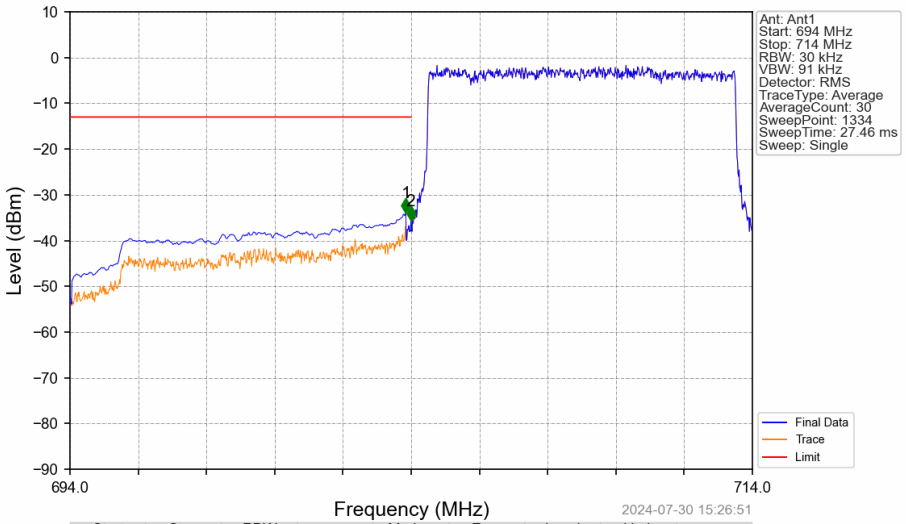


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-21.92	-13	Pass
703.9	704	0.03	/	2	703.992	-22.32	-13	Pass
704	714	0.03	/	/	/	/	/	/

Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV

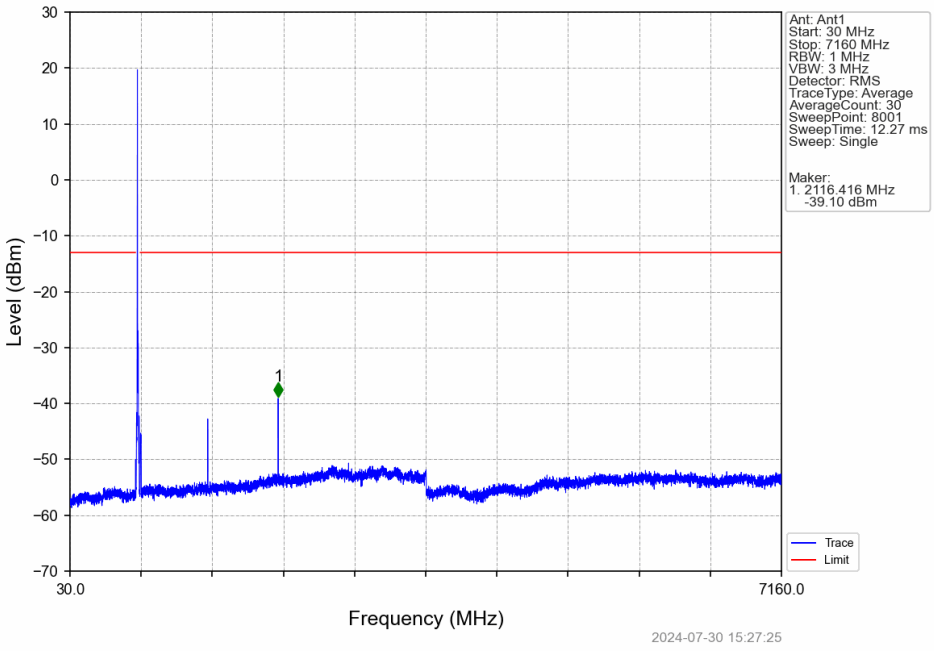


Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV

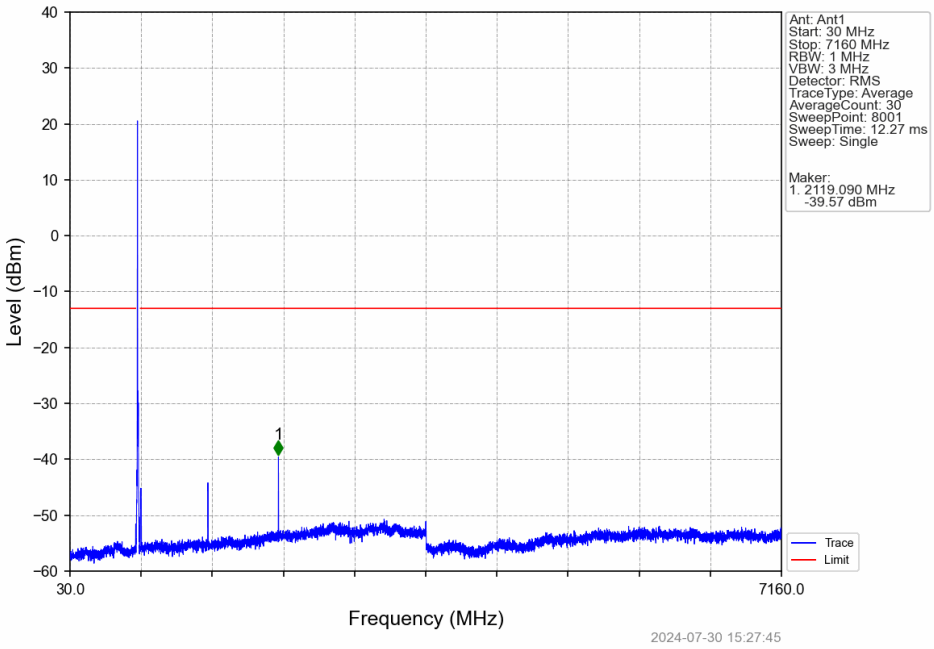


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-33.86	-13	Pass
703.9	704	0.03	/	2	703.992	-35.72	-13	Pass
704	714	0.03	/	/	/	/	/	/

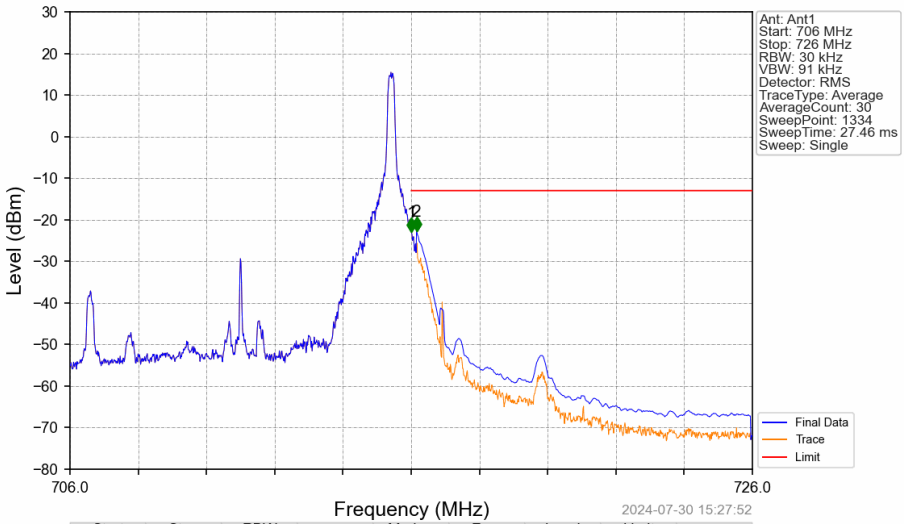
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV

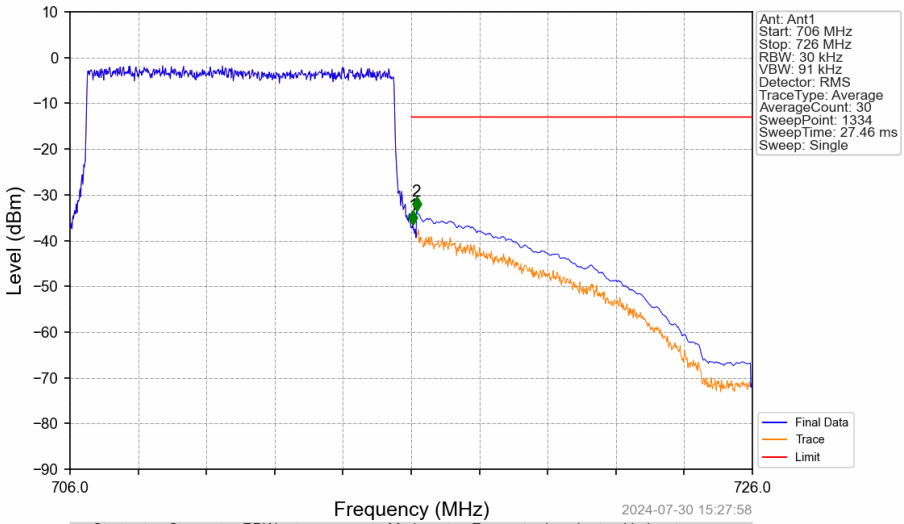


Band17_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV



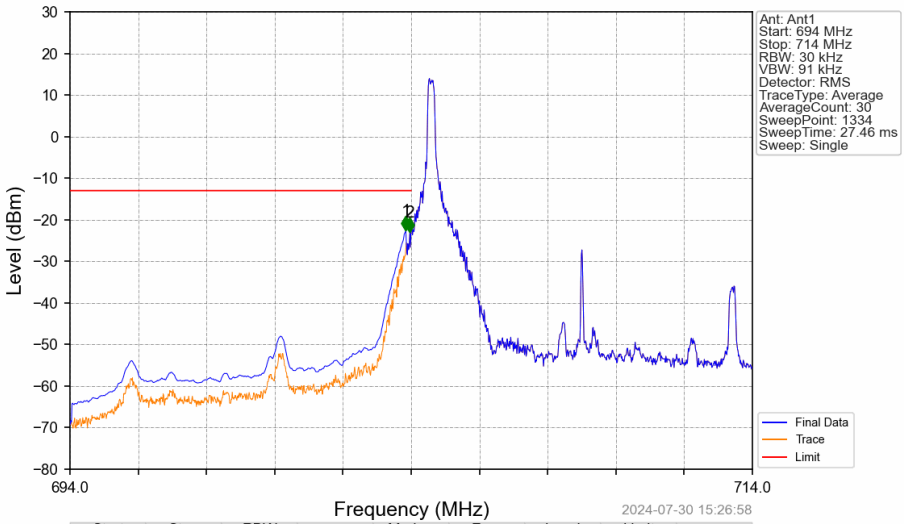
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-22.93	-13	Pass
716.1	726	0.1	CHP	2	716.158	-22.71	-13	Pass

Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



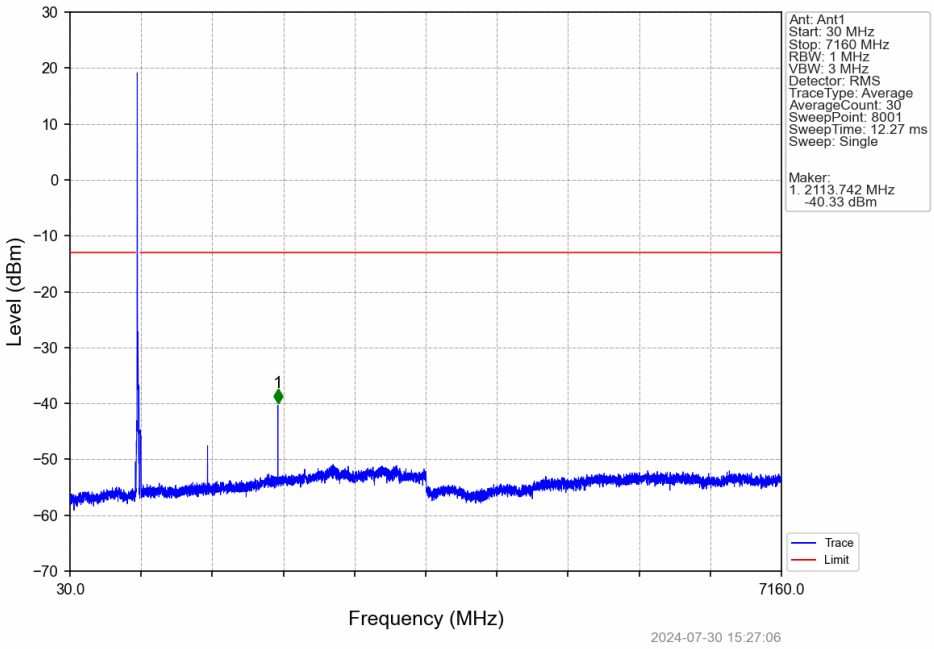
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.053	-36.57	-13	Pass
716.1	726	0.1	CHP	2	716.158	-33.54	-13	Pass

Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV

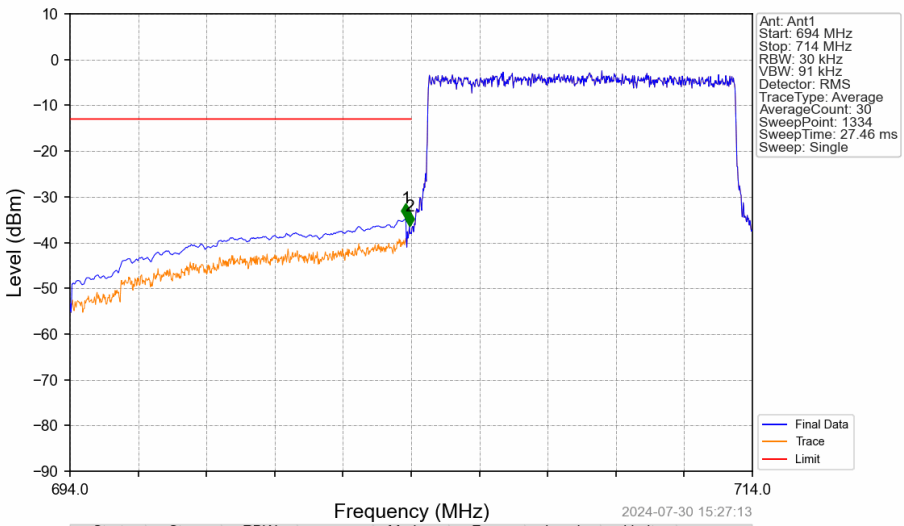


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-22.60	-13	Pass
703.9	704	0.03	/	2	703.962	-23.00	-13	Pass
704	714	0.03	/	/	/	/	/	/

Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV

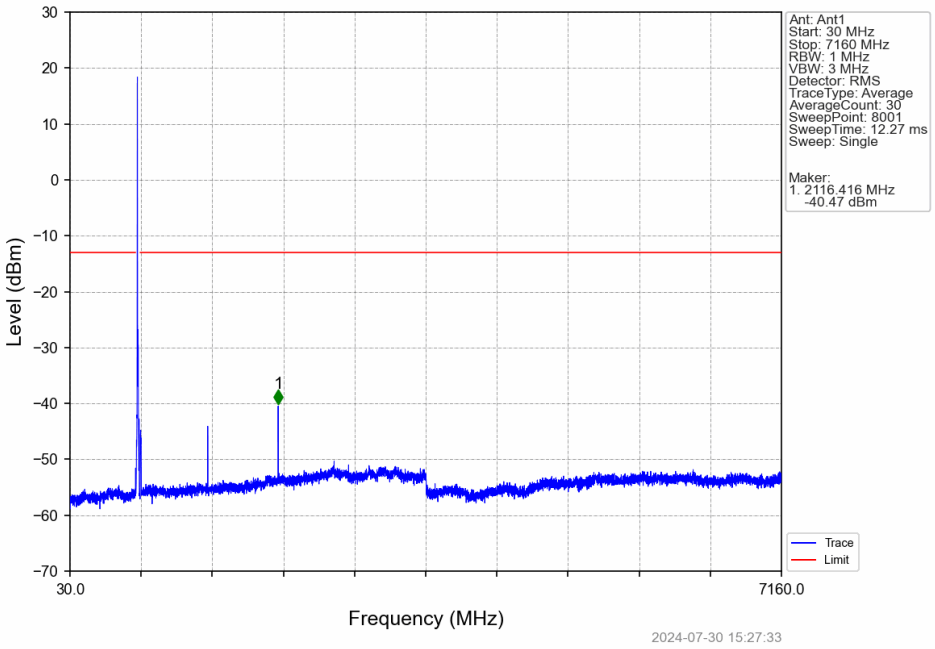


Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV

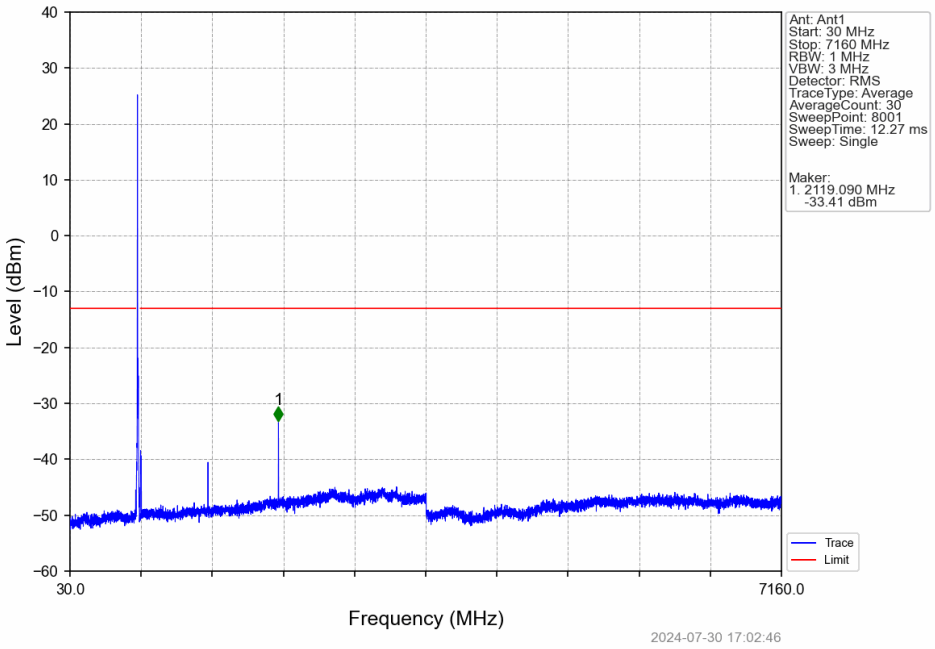


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-34.64	-13	Pass
703.9	704	0.03	/	2	703.947	-36.41	-13	Pass
704	714	0.03	/	/	/	/	/	/

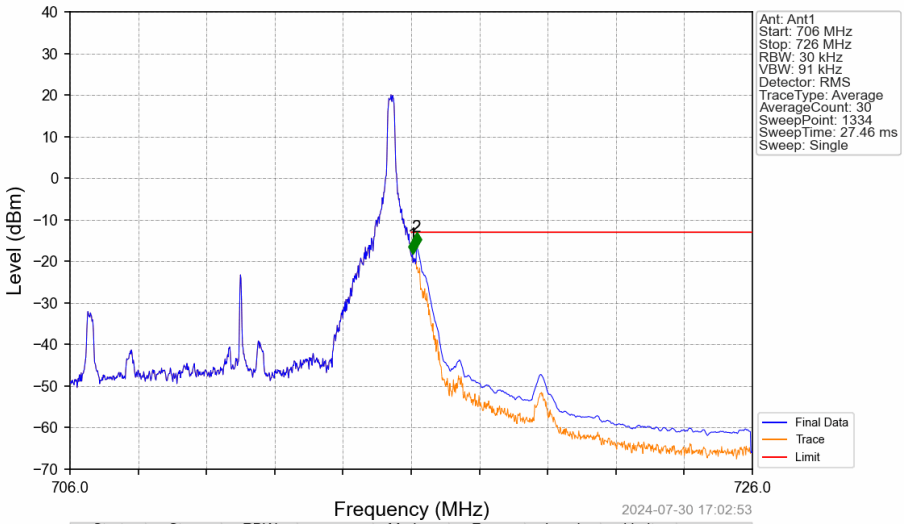
Band17_10MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV

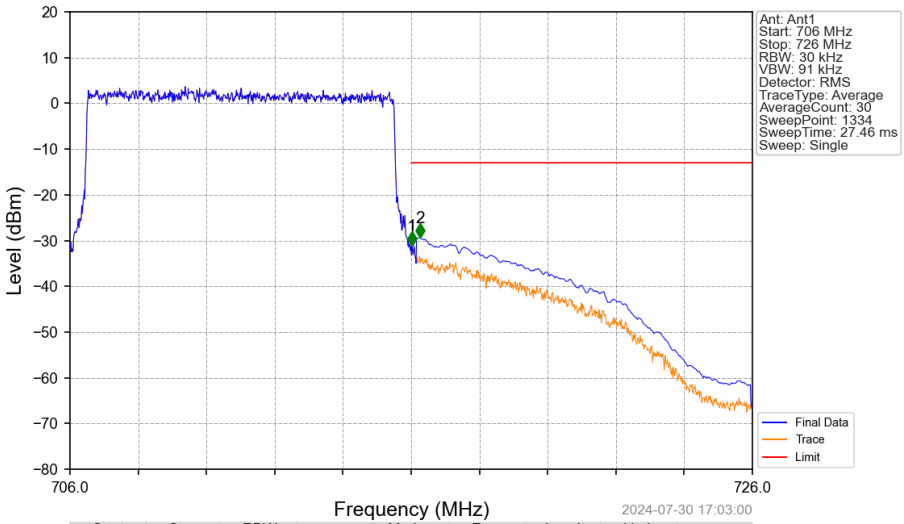


Band17_10MHz_16QAM_HCH_711MHz_RB_1_49_NTNV



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	716.038	-18.28	-13	Pass
716.1	726	0.1	CHP	2	716.158	-16.44	-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	716.023	-31.12	-13	Pass
716.1	726	0.1	CHP	2	716.263	-29.34	-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	0.1828	0.0145	ppm	4M59G7D	27H	22.62
17	5	706.5	713.5	0.1514	0.0126	ppm	4M59W7D	27H	21.80
17	10	709	711	0.1888	0.0163	ppm	9M09G7D	27H	22.76
17	10	709	711	0.1663	0.0139	ppm	9M09W7D	27H	22.21

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	0.0953	0.0145	ppm	4M59G7D	27H	19.79
17	5	706.5	713.5	0.0789	0.0126	ppm	4M59W7D	27H	18.97
17	10	709	711	0.0984	0.0163	ppm	9M09G7D	27H	19.93
17	10	709	711	0.0867	0.0139	ppm	9M09W7D	27H	19.38