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	24.18	-7.94	14.09	<=34.77	Pass
			13	23.96	-7.94	13.87	<=34.77	Pass
			24	23.81	-7.94	13.72	<=34.77	Pass
		12	0	22.52	-7.94	12.43	<=34.77	Pass
			6	22.75	-7.94	12.66	<=34.77	Pass
			13	22.61	-7.94	12.52	<=34.77	Pass
		25	0	22.54	-7.94	12.45	<=34.77	Pass
	710	1	0	23.85	-7.94	13.76	<=34.77	Pass
			13	23.81	-7.94	13.72	<=34.77	Pass
			24	23.73	-7.94	13.64	<=34.77	Pass
		12	0	22.74	-7.94	12.65	<=34.77	Pass
			6	22.81	-7.94	12.72	<=34.77	Pass
			13	22.65	-7.94	12.56	<=34.77	Pass
		25	0	22.69	-7.94	12.60	<=34.77	Pass
	713.5	1	0	23.73	-7.94	13.64	<=34.77	Pass
			13	23.99	-7.94	13.90	<=34.77	Pass
			24	24.25	-7.94	14.16	<=34.77	Pass
		12	0	23.11	-7.94	13.02	<=34.77	Pass
			6	23.10	-7.94	13.01	<=34.77	Pass
			13	23.07	-7.94	12.98	<=34.77	Pass
		25	0	23.08	-7.94	12.99	<=34.77	Pass
16QAM	706.5	1	0	22.62	-7.94	12.53	<=34.77	Pass
			13	22.83	-7.94	12.74	<=34.77	Pass
			24	22.72	-7.94	12.63	<=34.77	Pass
		12	0	21.42	-7.94	11.33	<=34.77	Pass
			6	21.59	-7.94	11.50	<=34.77	Pass
			13	21.47	-7.94	11.38	<=34.77	Pass
		25	0	21.46	-7.94	11.37	<=34.77	Pass
	710	1	0	22.79	-7.94	12.70	<=34.77	Pass
			13	23.05	-7.94	12.96	<=34.77	Pass
			24	22.99	-7.94	12.90	<=34.77	Pass
		12	0	21.72	-7.94	11.63	<=34.77	Pass
			6	21.84	-7.94	11.75	<=34.77	Pass
			13	21.75	-7.94	11.66	<=34.77	Pass
		25	0	21.75	-7.94	11.66	<=34.77	Pass
	713.5	1	0	23.12	-7.94	13.03	<=34.77	Pass
			13	23.19	-7.94	13.10	<=34.77	Pass
			24	23.14	-7.94	13.05	<=34.77	Pass
		12	0	22.14	-7.94	12.05	<=34.77	Pass
			6	22.13	-7.94	12.04	<=34.77	Pass
			13	22.00	-7.94	11.91	<=34.77	Pass
		25	0	22.18	-7.94	12.09	<=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	24.23	-7.94	14.14	<=34.77	Pass
			25	24.30	-7.94	14.21	<=34.77	Pass
			49	24.30	-7.94	14.21	<=34.77	Pass
		25	0	22.96	-7.94	12.87	<=34.77	Pass
			13	23.08	-7.94	12.99	<=34.77	Pass
			25	23.03	-7.94	12.94	<=34.77	Pass
		50	0	23.02	-7.94	12.93	<=34.77	Pass
	710	1	0	24.33	-7.94	14.24	<=34.77	Pass
			25	24.17	-7.94	14.08	<=34.77	Pass
			49	24.08	-7.94	13.99	<=34.77	Pass
		25	0	22.64	-7.94	12.55	<=34.77	Pass
			13	22.79	-7.94	12.70	<=34.77	Pass
			25	22.68	-7.94	12.59	<=34.77	Pass
		50	0	22.75	-7.94	12.66	<=34.77	Pass
	711	1	0	24.05	-7.94	13.96	<=34.77	Pass
			25	23.78	-7.94	13.69	<=34.77	Pass
			49	24.05	-7.94	13.96	<=34.77	Pass
		25	0	22.80	-7.94	12.71	<=34.77	Pass
			13	22.77	-7.94	12.68	<=34.77	Pass
			25	22.76	-7.94	12.67	<=34.77	Pass
		50	0	22.86	-7.94	12.77	<=34.77	Pass
16QAM	709	1	0	23.03	-7.94	12.94	<=34.77	Pass
			25	23.13	-7.94	13.04	<=34.77	Pass
			49	23.23	-7.94	13.14	<=34.77	Pass
		25	0	21.91	-7.94	11.82	<=34.77	Pass
			13	22.10	-7.94	12.01	<=34.77	Pass
			25	22.09	-7.94	12.00	<=34.77	Pass
		50	0	21.97	-7.94	11.88	<=34.77	Pass
	710	1	0	22.73	-7.94	12.64	<=34.77	Pass
			25	22.92	-7.94	12.83	<=34.77	Pass
			49	22.86	-7.94	12.77	<=34.77	Pass
		25	0	21.55	-7.94	11.46	<=34.77	Pass
			13	21.75	-7.94	11.66	<=34.77	Pass
			25	21.68	-7.94	11.59	<=34.77	Pass
		50	0	21.69	-7.94	11.60	<=34.77	Pass
	711	1	0	22.99	-7.94	12.90	<=34.77	Pass
			25	23.42	-7.94	13.33	<=34.77	Pass
			49	23.08	-7.94	12.99	<=34.77	Pass
		25	0	21.87	-7.94	11.78	<=34.77	Pass
			13	21.88	-7.94	11.79	<=34.77	Pass
			25	21.86	-7.94	11.77	<=34.77	Pass
		50	0	21.84	-7.94	11.75	<=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	-5.651	-0.0080	-2.5 to 2.5	Pass
					3.85	-1.960	-0.0028	-2.5 to 2.5	Pass
					4.43	-5.150	-0.0073	-2.5 to 2.5	Pass
				-30	3.85	-1.445	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-2.031	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	-4.478	-0.0063	-2.5 to 2.5	Pass
				0	3.85	-2.289	-0.0032	-2.5 to 2.5	Pass
				10	3.85	-5.236	-0.0074	-2.5 to 2.5	Pass
				30	3.85	-6.709	-0.0095	-2.5 to 2.5	Pass
				40	3.85	-2.418	-0.0034	-2.5 to 2.5	Pass
				50	3.85	-3.362	-0.0048	-2.5 to 2.5	Pass
	710	25	0	20	3.27	-3.533	-0.0050	-2.5 to 2.5	Pass
					3.85	-6.337	-0.0089	-2.5 to 2.5	Pass
					4.43	-0.873	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	0.272	0.0004	-2.5 to 2.5	Pass
				-20	3.85	-1.731	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	0.386	0.0005	-2.5 to 2.5	Pass
				0	3.85	-1.974	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-2.117	-0.0030	-2.5 to 2.5	Pass
				30	3.85	-2.160	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-5.422	-0.0076	-2.5 to 2.5	Pass
				50	3.85	-1.273	-0.0018	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	0.129	0.0002	-2.5 to 2.5	Pass
					3.85	0.973	0.0014	-2.5 to 2.5	Pass
					4.43	-0.572	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-2.947	-0.0041	-2.5 to 2.5	Pass
				-20	3.85	-2.246	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-3.991	-0.0056	-2.5 to 2.5	Pass
				0	3.85	-0.873	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-5.264	-0.0074	-2.5 to 2.5	Pass
				30	3.85	0.057	0.0001	-2.5 to 2.5	Pass
				40	3.85	-1.717	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-2.332	-0.0033	-2.5 to 2.5	Pass
16QAM	706.5	25	0	20	3.27	-4.463	-0.0063	-2.5 to 2.5	Pass
					3.85	-4.420	-0.0063	-2.5 to 2.5	Pass
					4.43	-0.358	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-0.401	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	0.072	0.0001	-2.5 to 2.5	Pass
				-10	3.85	-0.486	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-3.619	-0.0051	-2.5 to 2.5	Pass
				10	3.85	-2.031	-0.0029	-2.5 to 2.5	Pass
				30	3.85	-2.961	-0.0042	-2.5 to 2.5	Pass
				40	3.85	-2.975	-0.0042	-2.5 to 2.5	Pass
				50	3.85	0.000	0.0000	-2.5 to 2.5	Pass
	710	25	0	20	3.27	-4.363	-0.0061	-2.5 to 2.5	Pass
					3.85	-6.566	-0.0092	-2.5 to 2.5	Pass
					4.43	-2.646	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	-2.131	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-4.063	-0.0057	-2.5 to 2.5	Pass

				-10	3.85	-1.030	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-4.220	-0.0059	-2.5 to 2.5	Pass
				10	3.85	-3.891	-0.0055	-2.5 to 2.5	Pass
				30	3.85	-4.706	-0.0066	-2.5 to 2.5	Pass
				40	3.85	-1.059	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-0.472	-0.0007	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-3.076	-0.0043	-2.5 to 2.5	Pass
					3.85	-3.347	-0.0047	-2.5 to 2.5	Pass
					4.43	-7.181	-0.0101	-2.5 to 2.5	Pass
				-30	3.85	-6.223	-0.0087	-2.5 to 2.5	Pass
				-20	3.85	-3.633	-0.0051	-2.5 to 2.5	Pass
				-10	3.85	-5.293	-0.0074	-2.5 to 2.5	Pass
				0	3.85	0.114	0.0002	-2.5 to 2.5	Pass
				10	3.85	-0.587	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-2.503	-0.0035	-2.5 to 2.5	Pass
				40	3.85	-2.718	-0.0038	-2.5 to 2.5	Pass
				50	3.85	-2.561	-0.0036	-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	-3.104	-0.0044	-2.5 to 2.5	Pass
					3.85	-5.078	-0.0072	-2.5 to 2.5	Pass
					4.43	-2.890	-0.0041	-2.5 to 2.5	Pass
				-30	3.85	-3.433	-0.0048	-2.5 to 2.5	Pass
				-20	3.85	-4.449	-0.0063	-2.5 to 2.5	Pass
				-10	3.85	-4.435	-0.0063	-2.5 to 2.5	Pass
				0	3.85	-1.988	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-2.861	-0.0040	-2.5 to 2.5	Pass
				30	3.85	-1.888	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-3.262	-0.0046	-2.5 to 2.5	Pass
				50	3.85	-0.887	-0.0013	-2.5 to 2.5	Pass
	710	50	0	20	3.27	-6.065	-0.0085	-2.5 to 2.5	Pass
					3.85	-4.621	-0.0065	-2.5 to 2.5	Pass
					4.43	-1.674	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-1.674	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-3.233	-0.0046	-2.5 to 2.5	Pass
				-10	3.85	-4.048	-0.0057	-2.5 to 2.5	Pass
				0	3.85	-6.194	-0.0087	-2.5 to 2.5	Pass
				10	3.85	-1.845	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-4.778	-0.0067	-2.5 to 2.5	Pass
				40	3.85	-2.761	-0.0039	-2.5 to 2.5	Pass
				50	3.85	-2.632	-0.0037	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-4.263	-0.0060	-2.5 to 2.5	Pass
					3.85	-1.817	-0.0026	-2.5 to 2.5	Pass
					4.43	-4.435	-0.0062	-2.5 to 2.5	Pass
				-30	3.85	-3.390	-0.0048	-2.5 to 2.5	Pass
				-20	3.85	-2.618	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	-3.819	-0.0054	-2.5 to 2.5	Pass
				0	3.85	-3.476	-0.0049	-2.5 to 2.5	Pass
				10	3.85	-4.621	-0.0065	-2.5 to 2.5	Pass
				30	3.85	-2.360	-0.0033	-2.5 to 2.5	Pass
				40	3.85	-1.988	-0.0028	-2.5 to 2.5	Pass
				50	3.85	-4.578	-0.0064	-2.5 to 2.5	Pass
16QAM	709	50	0	20	3.27	-2.203	-0.0031	-2.5 to 2.5	Pass

					3.85	-5.336	-0.0075	-2.5 to 2.5	Pass
					4.43	-5.178	-0.0073	-2.5 to 2.5	Pass
				-30	3.85	-4.835	-0.0068	-2.5 to 2.5	Pass
				-20	3.85	-2.103	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-1.130	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-4.363	-0.0062	-2.5 to 2.5	Pass
				10	3.85	-2.203	-0.0031	-2.5 to 2.5	Pass
				30	3.85	-2.589	-0.0037	-2.5 to 2.5	Pass
				40	3.85	-1.831	-0.0026	-2.5 to 2.5	Pass
				50	3.85	-1.459	-0.0021	-2.5 to 2.5	Pass
	710	50	0	20	3.27	-3.605	-0.0051	-2.5 to 2.5	Pass
					3.85	-2.360	-0.0033	-2.5 to 2.5	Pass
					4.43	-5.164	-0.0073	-2.5 to 2.5	Pass
				-30	3.85	-1.988	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	-3.691	-0.0052	-2.5 to 2.5	Pass
				-10	3.85	-5.007	-0.0071	-2.5 to 2.5	Pass
				0	3.85	-1.173	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-4.492	-0.0063	-2.5 to 2.5	Pass
				30	3.85	-4.792	-0.0067	-2.5 to 2.5	Pass
				40	3.85	-2.618	-0.0037	-2.5 to 2.5	Pass
				50	3.85	-1.802	-0.0025	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-3.362	-0.0047	-2.5 to 2.5	Pass
					3.85	-2.561	-0.0036	-2.5 to 2.5	Pass
					4.43	-2.532	-0.0036	-2.5 to 2.5	Pass
				-30	3.85	-4.749	-0.0067	-2.5 to 2.5	Pass
				-20	3.85	-2.017	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-2.632	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-2.604	-0.0037	-2.5 to 2.5	Pass
				10	3.85	-5.279	-0.0074	-2.5 to 2.5	Pass
				30	3.85	-4.406	-0.0062	-2.5 to 2.5	Pass
				40	3.85	-1.845	-0.0026	-2.5 to 2.5	Pass
				50	3.85	-4.134	-0.0058	-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

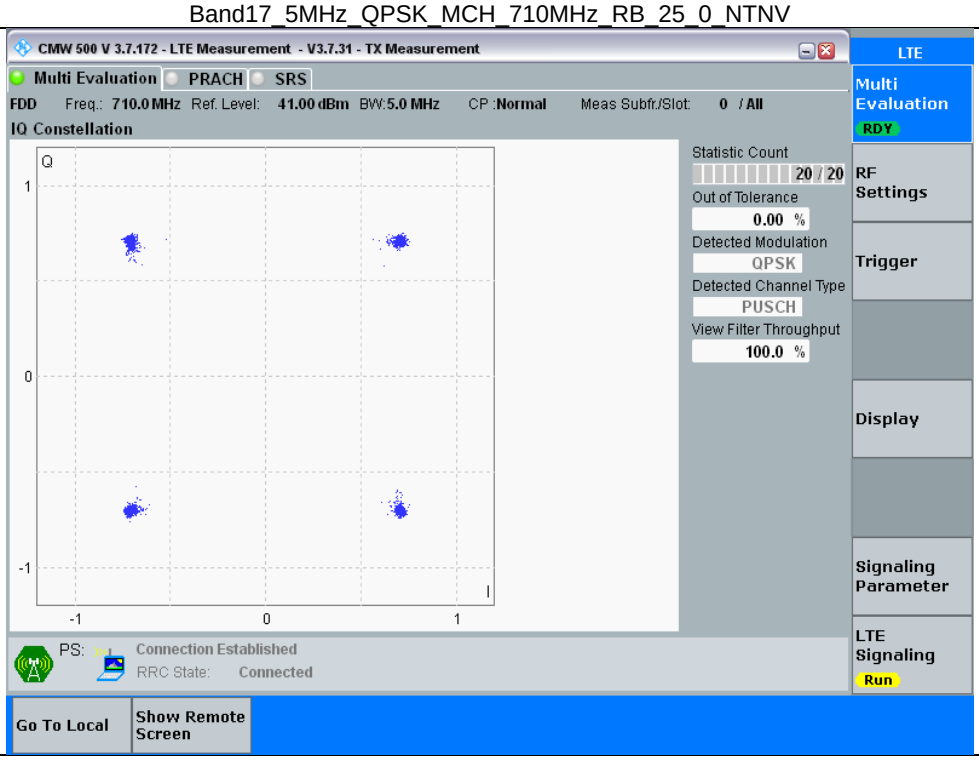
3.1.2 B17_10MHz

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

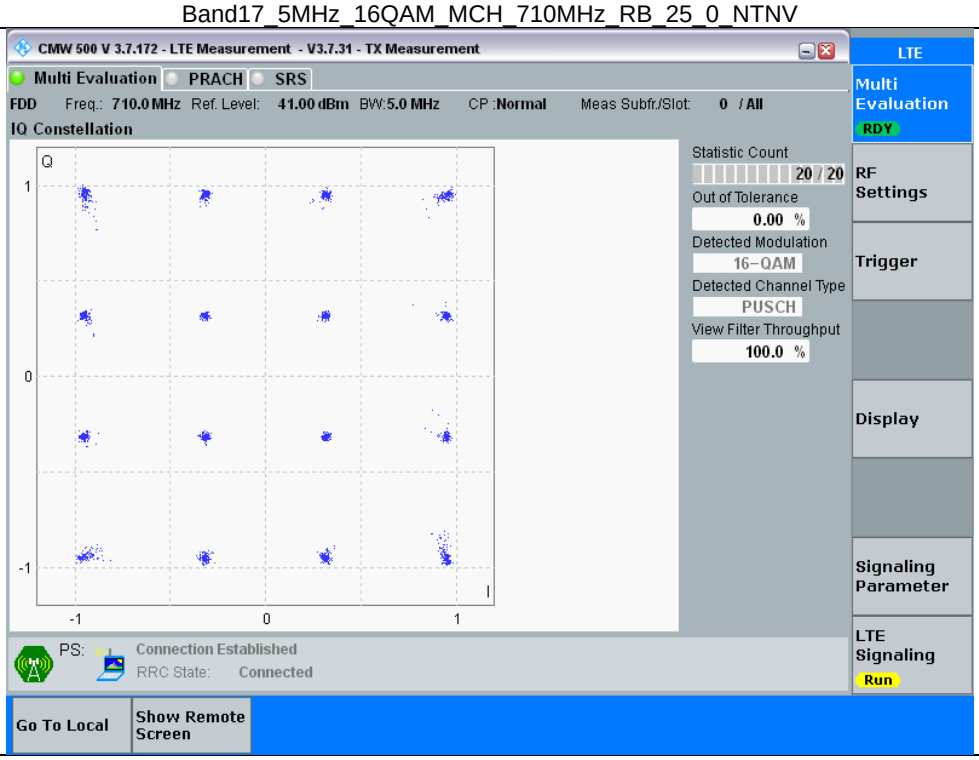
3.2 Test Graph

3.2.1 B17_5MHz

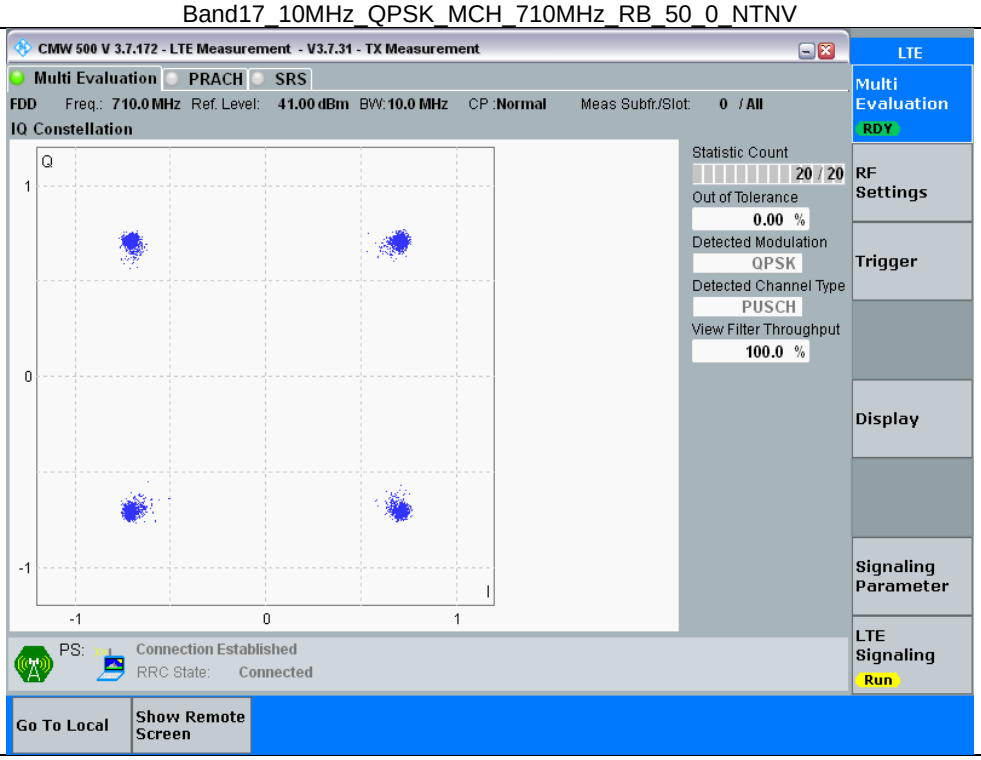
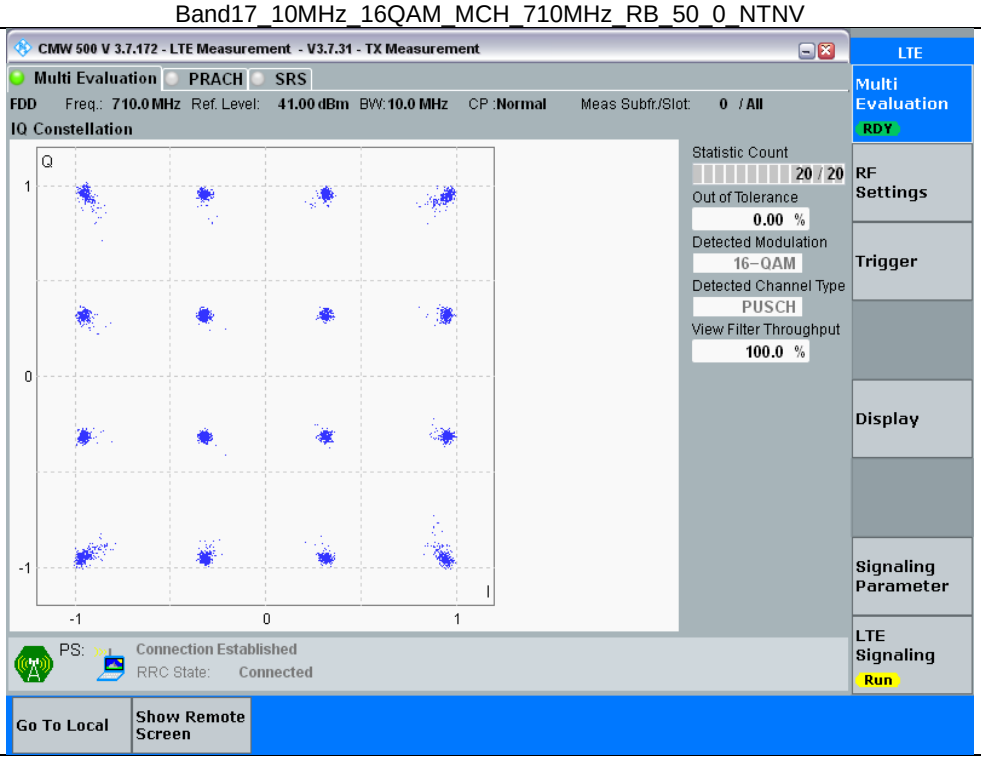
Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



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	4.559	/	Pass
		710	25	0	4.556	/	Pass
		713.5	25	0	4.564	/	Pass
	16QAM	706.5	25	0	4.554	/	Pass
		710	25	0	4.557	/	Pass
		713.5	25	0	4.548	/	Pass
10	QPSK	709	50	0	9.043	/	Pass
		710	50	0	9.084	/	Pass
		711	50	0	9.065	/	Pass
	16QAM	709	50	0	9.059	/	Pass
		710	50	0	9.069	/	Pass
		711	50	0	9.084	/	Pass

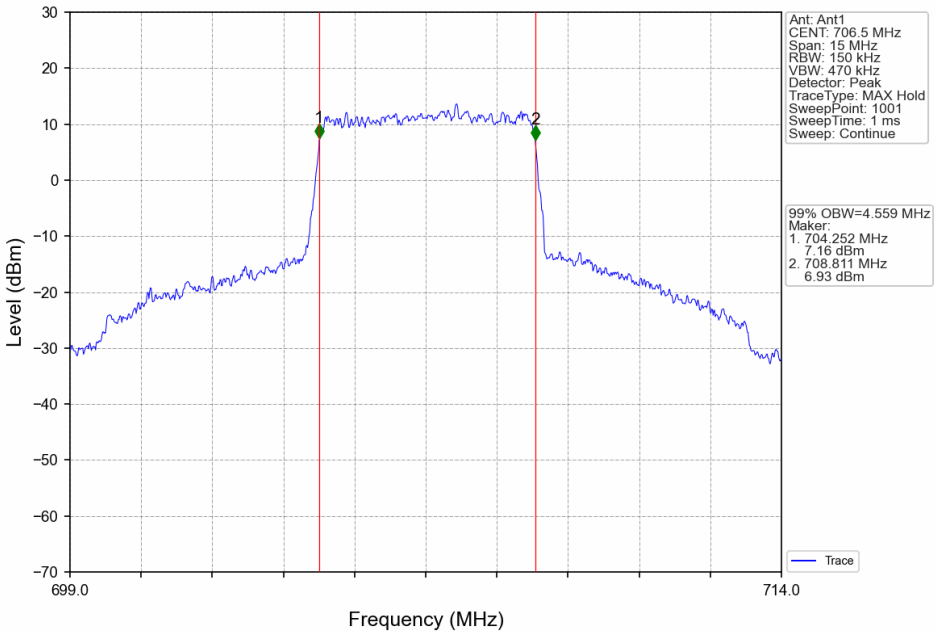
4.1.2 Band17_XDB

Band: 17 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	706.5	25	0	5.031	/	Pass
		710	25	0	5.023	/	Pass
		713.5	25	0	5.002	/	Pass
	16QAM	706.5	25	0	5.816	/	Pass
		710	25	0	5.010	/	Pass
		713.5	25	0	4.977	/	Pass
10	QPSK	709	50	0	9.913	/	Pass
		710	50	0	9.850	/	Pass
		711	50	0	9.933	/	Pass
	16QAM	709	50	0	9.859	/	Pass
		710	50	0	9.928	/	Pass
		711	50	0	9.870	/	Pass

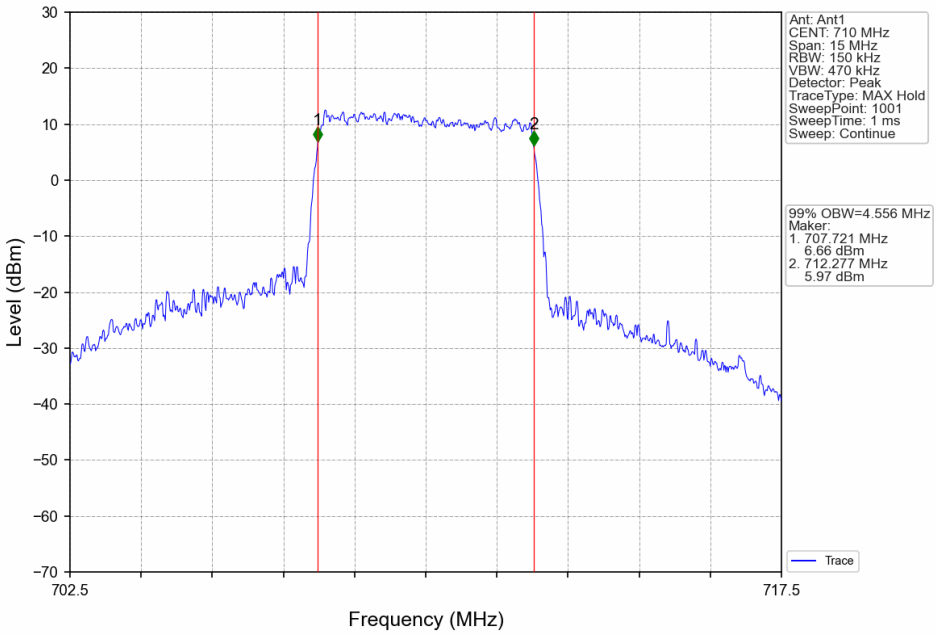
4.2 Test Graph

4.2.1 Band17_OBW

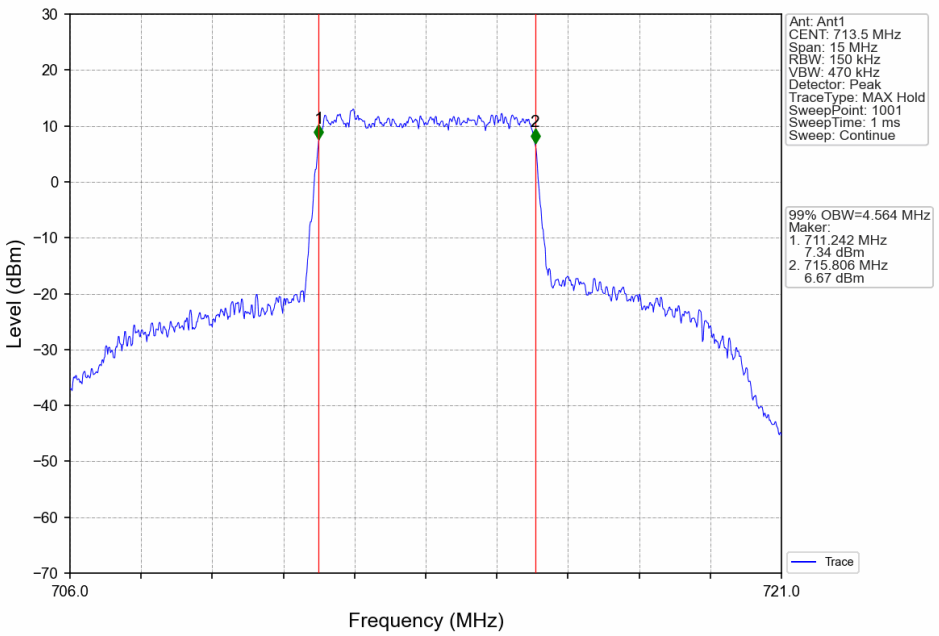
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



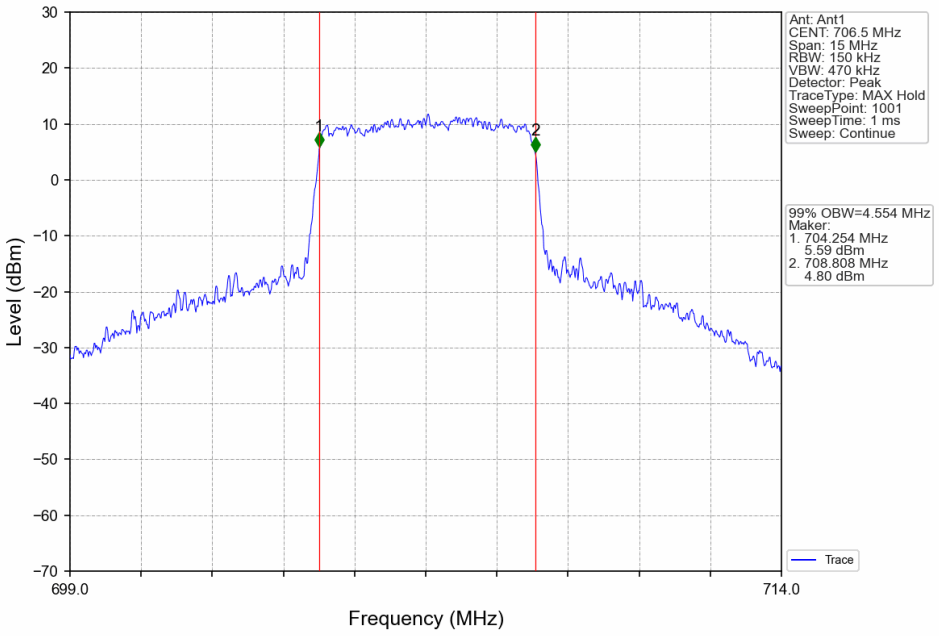
Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



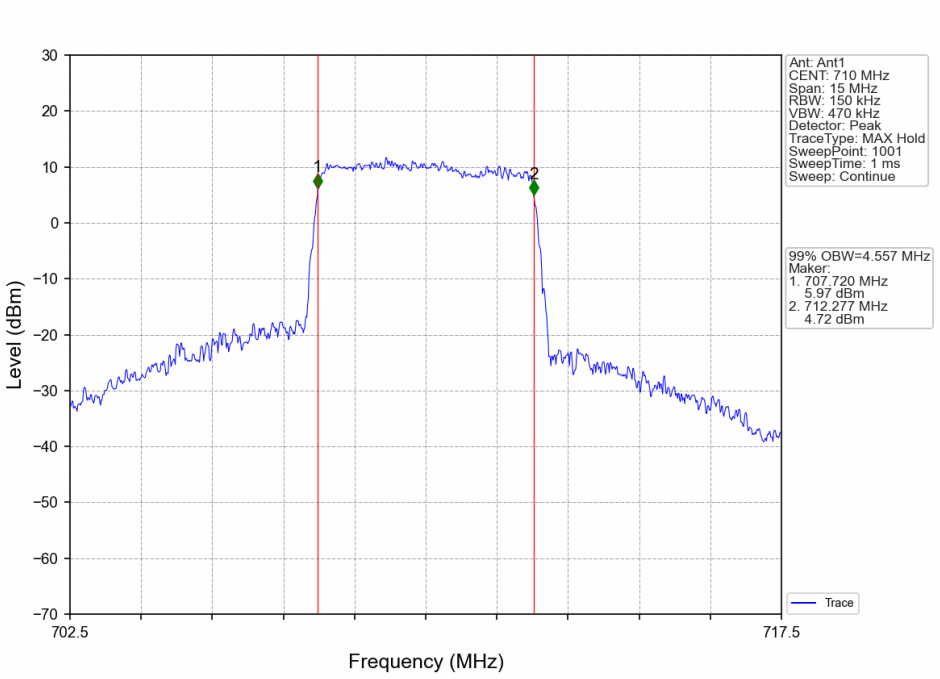
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



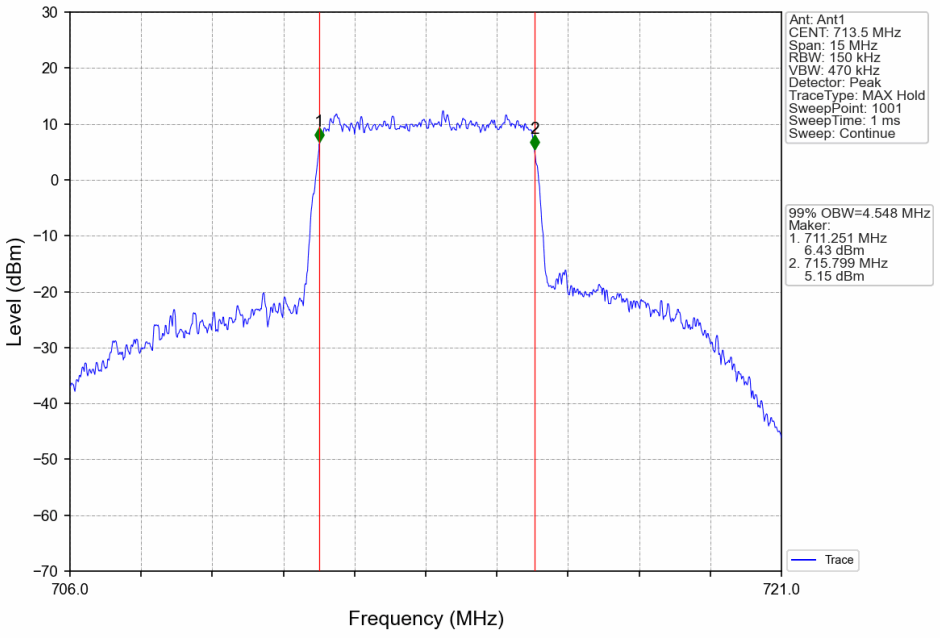
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



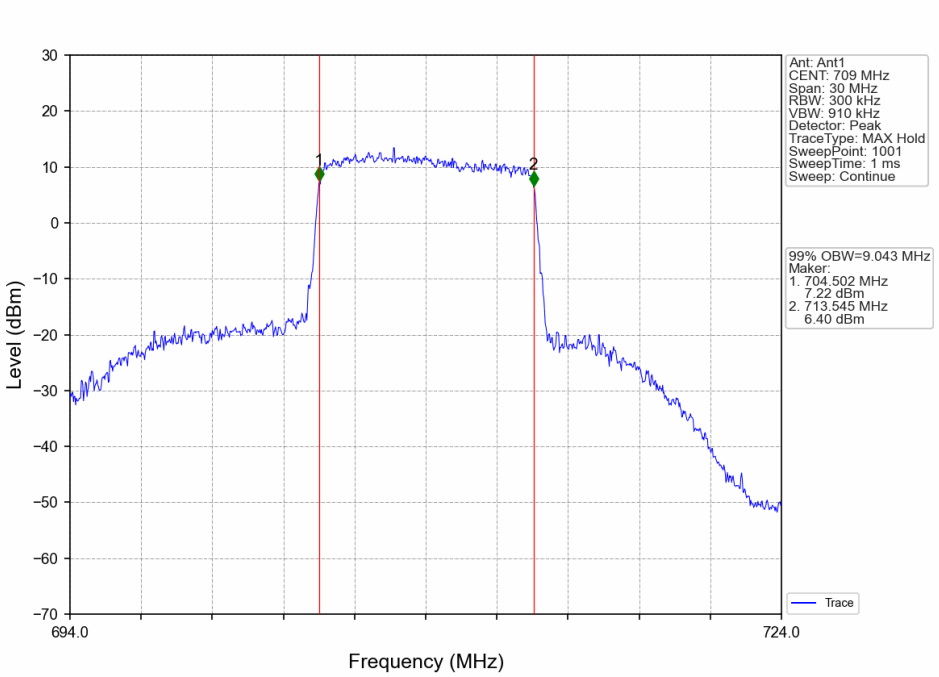
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



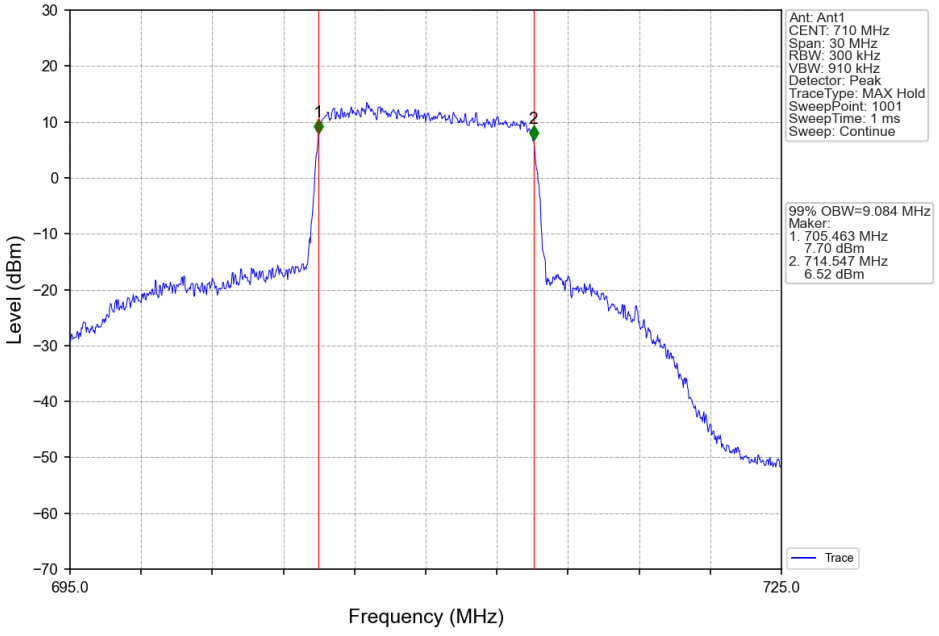
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



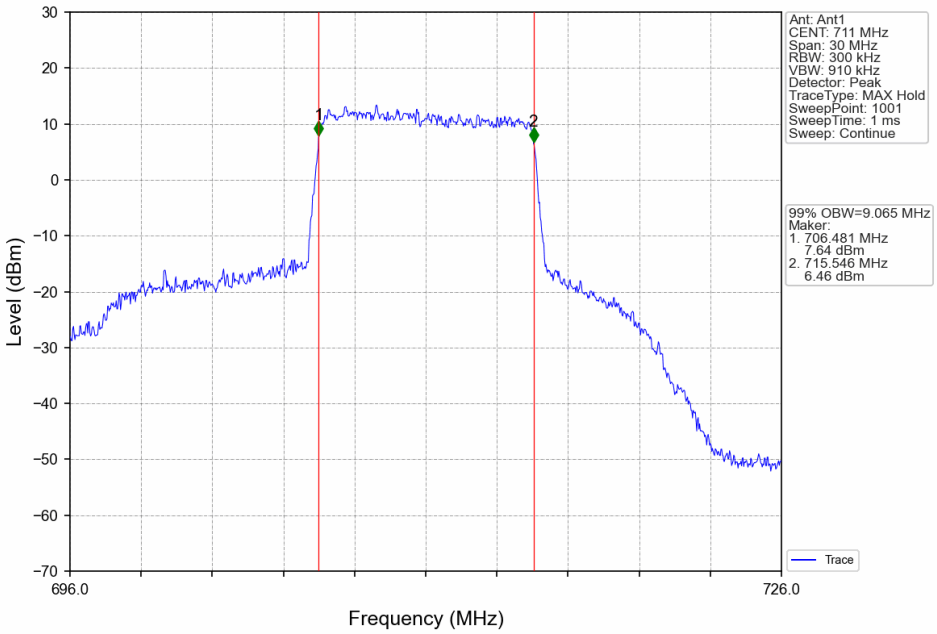
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



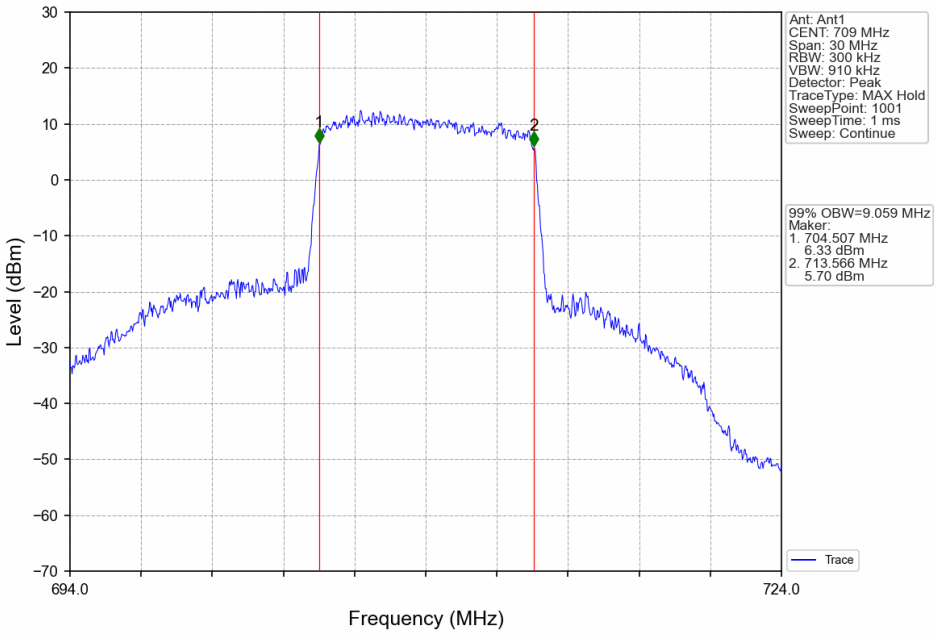
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



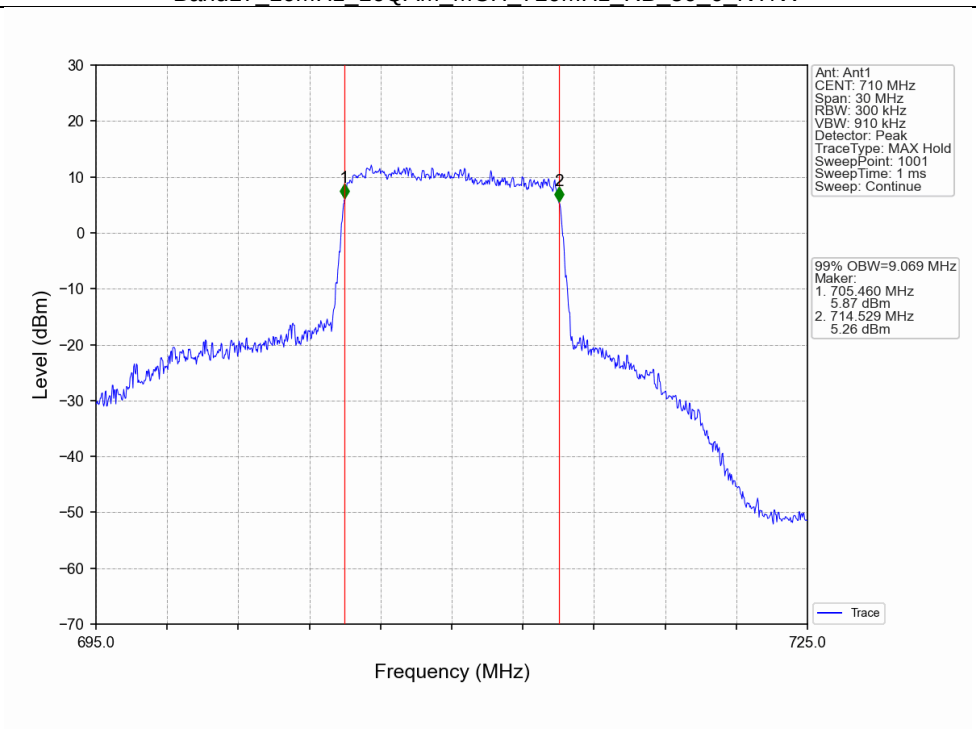
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



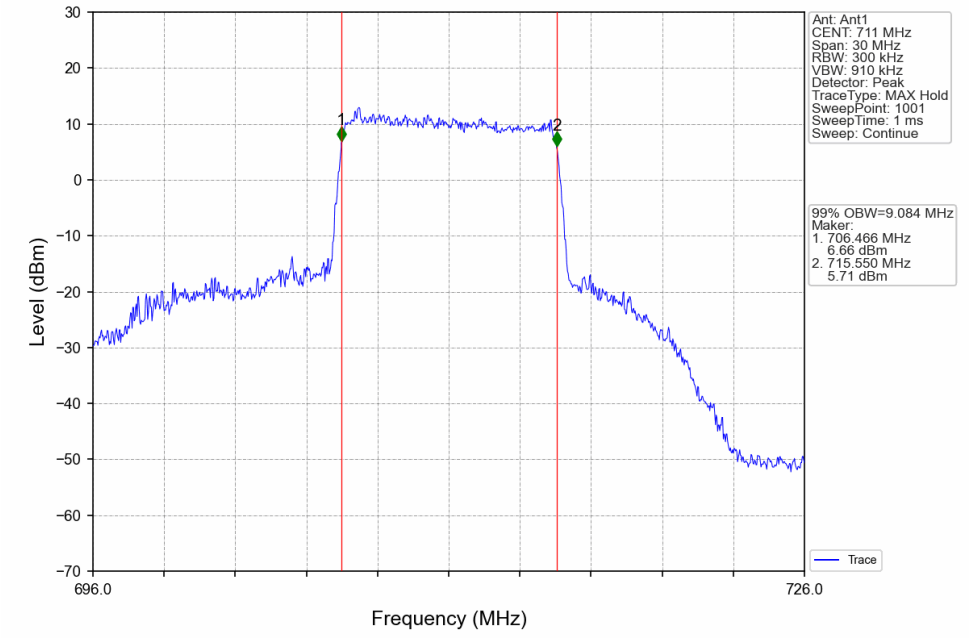
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV

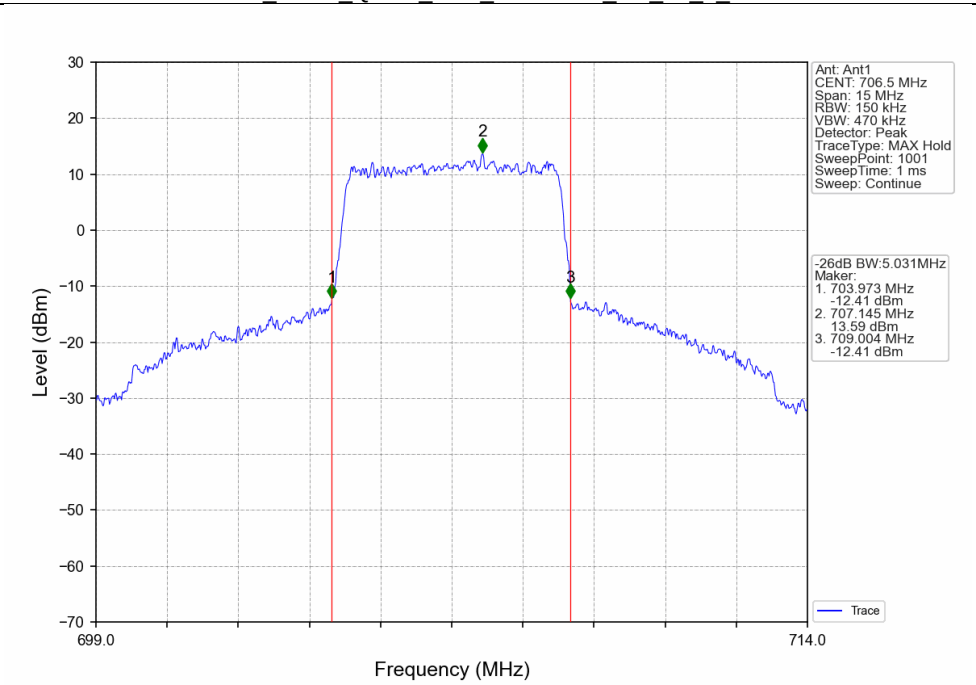


Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV

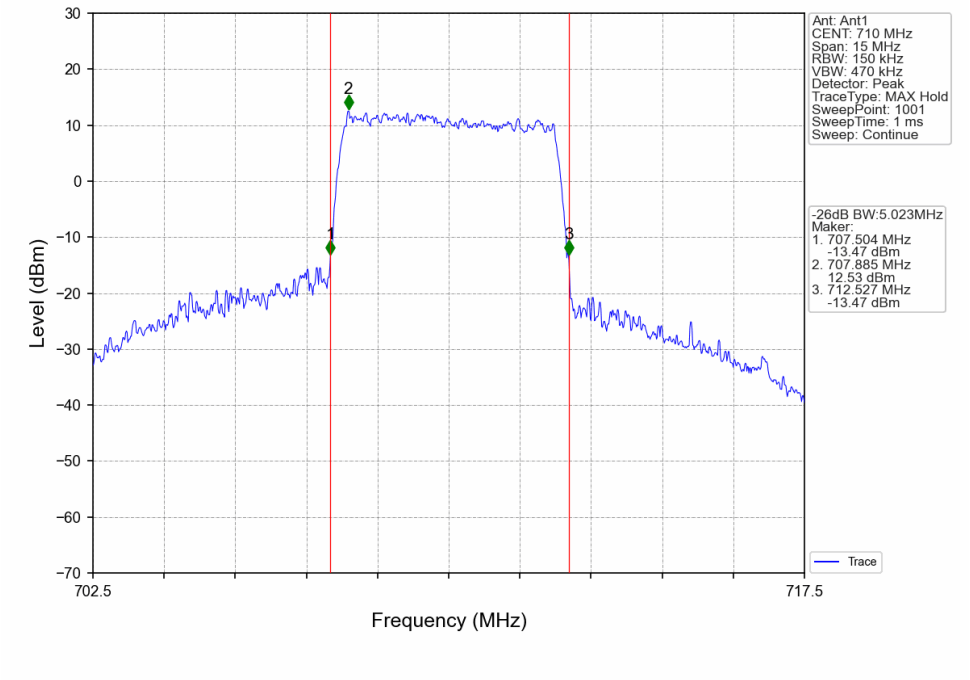


4.2.2 Band17_XDB

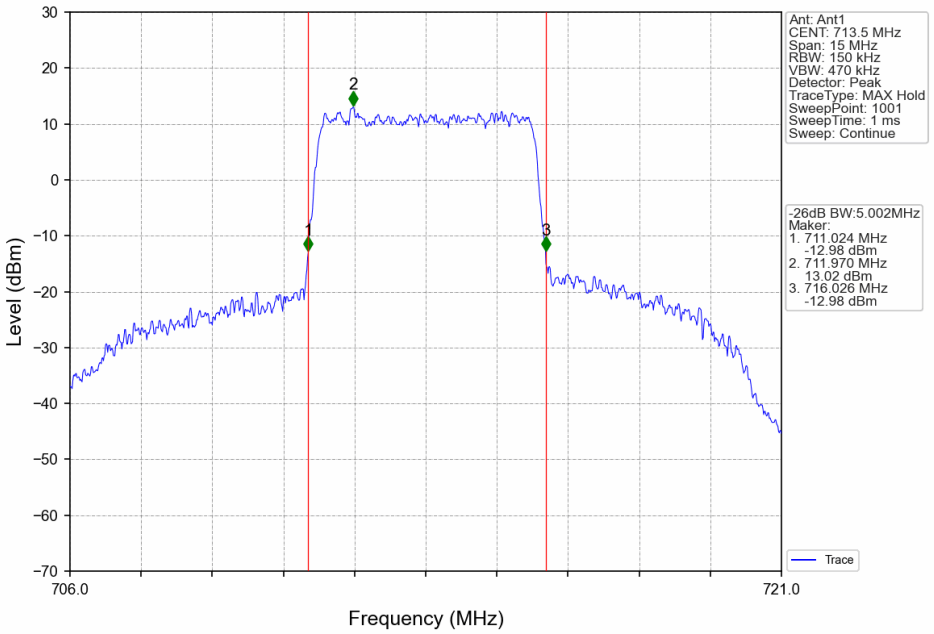
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



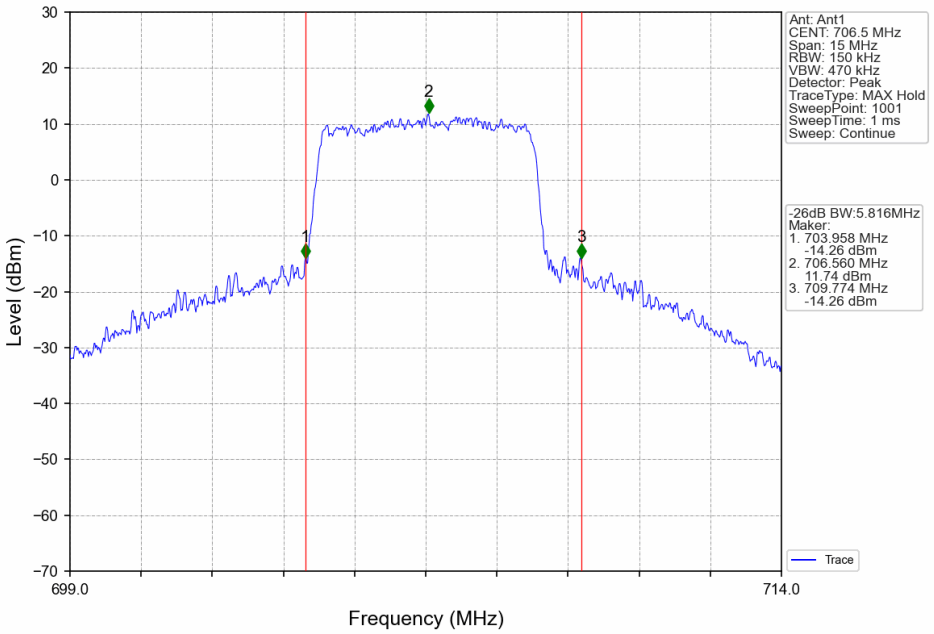
Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



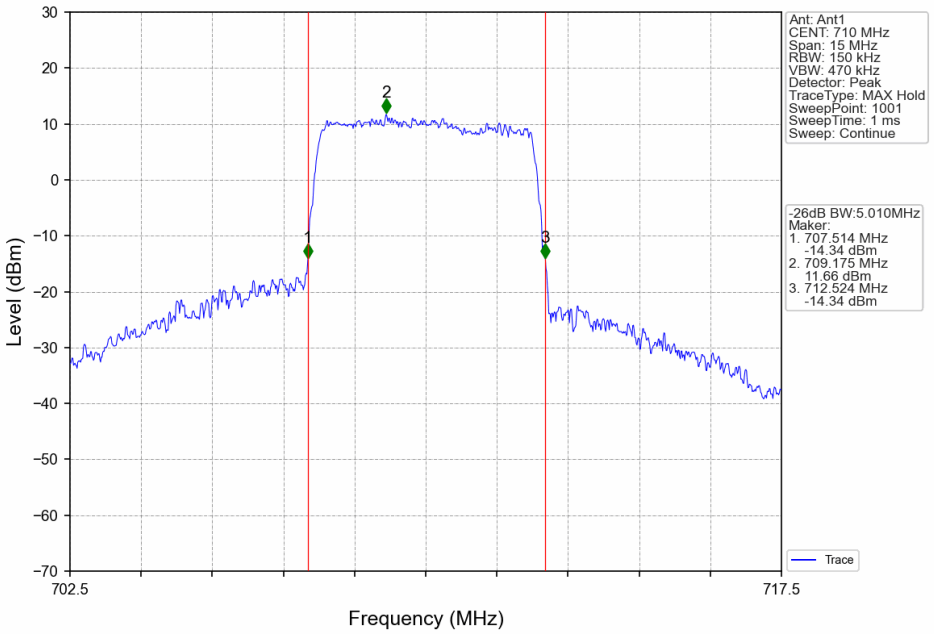
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



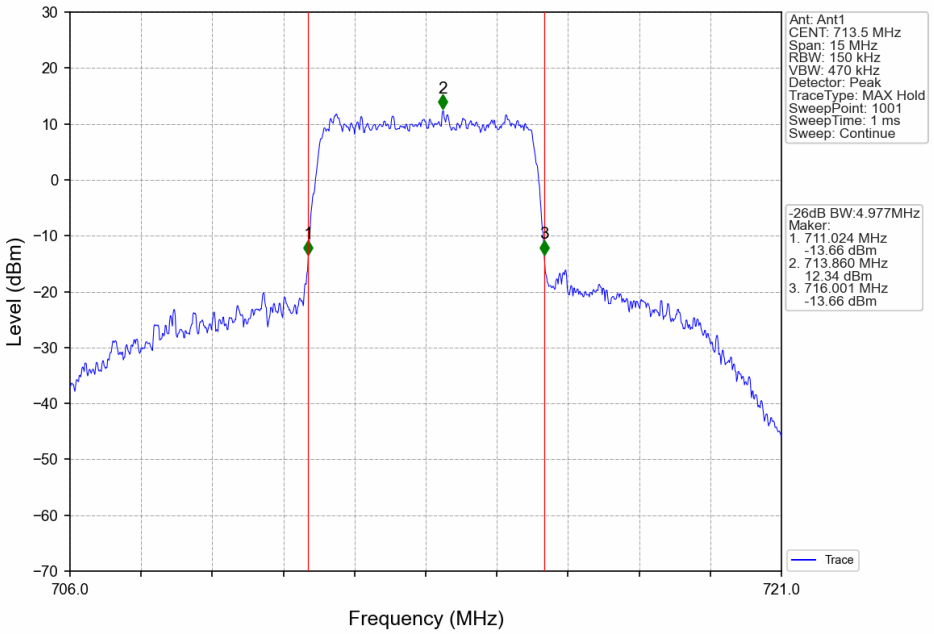
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



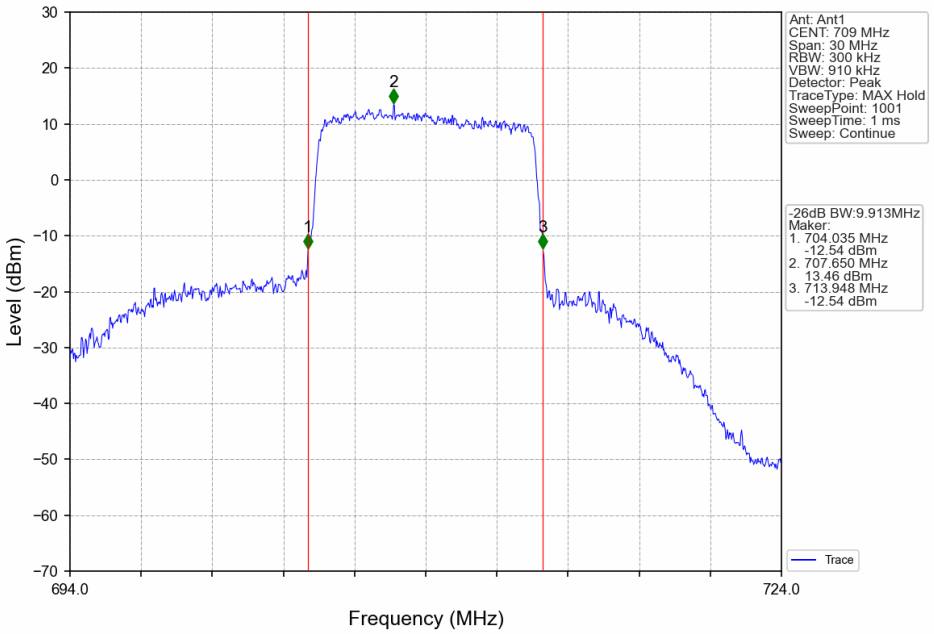
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



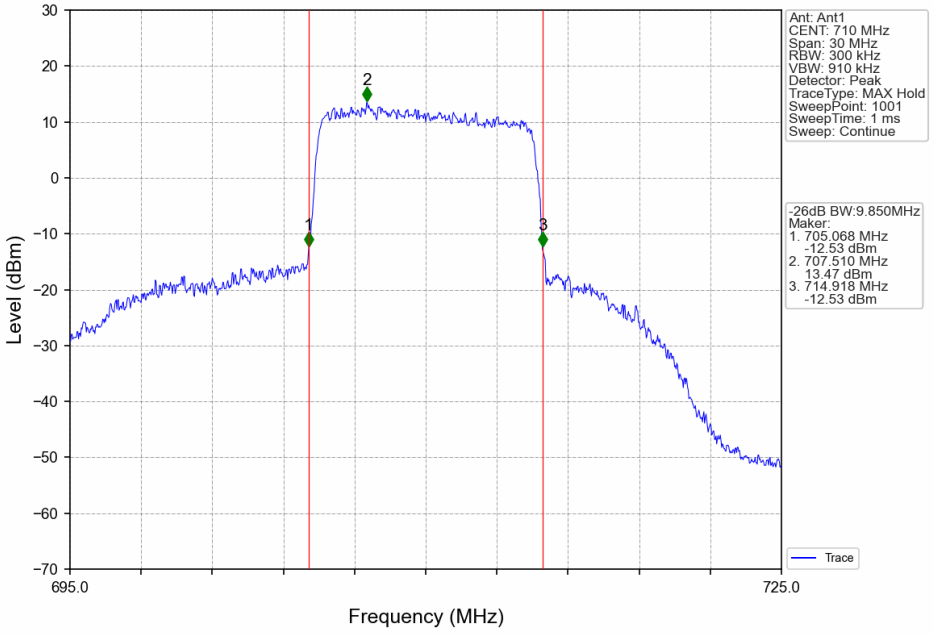
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



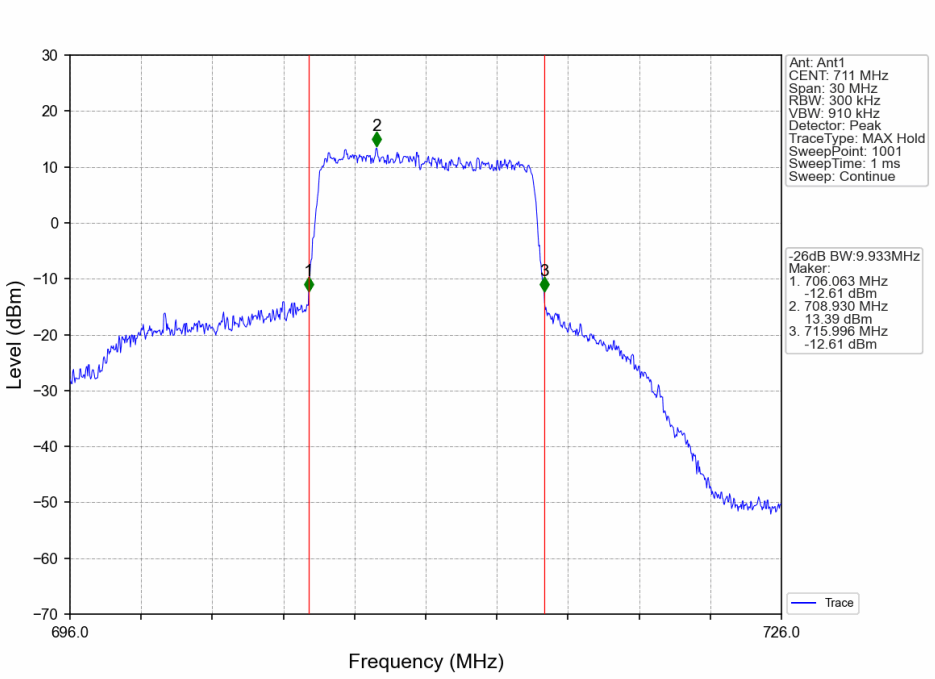
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



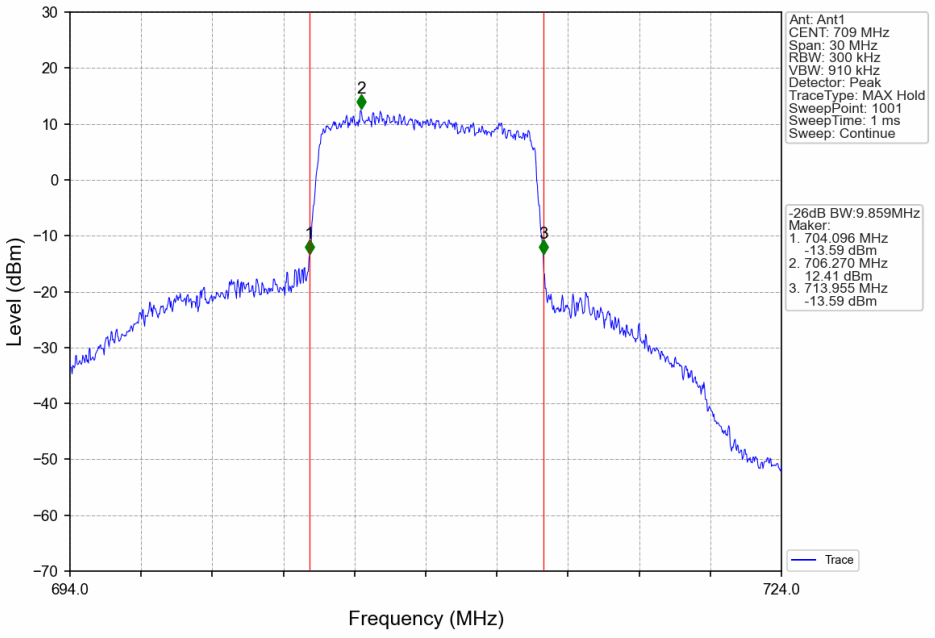
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



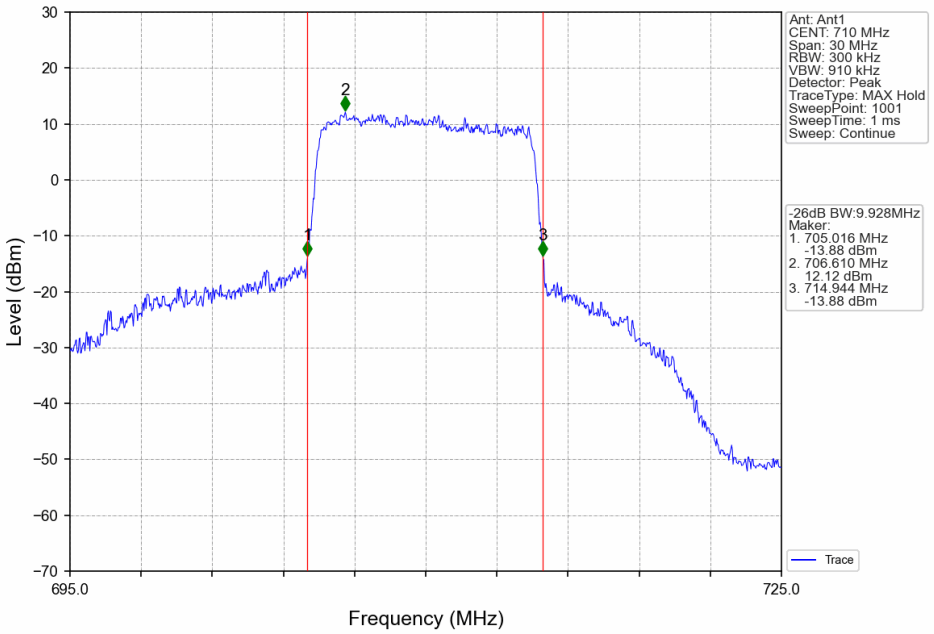
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



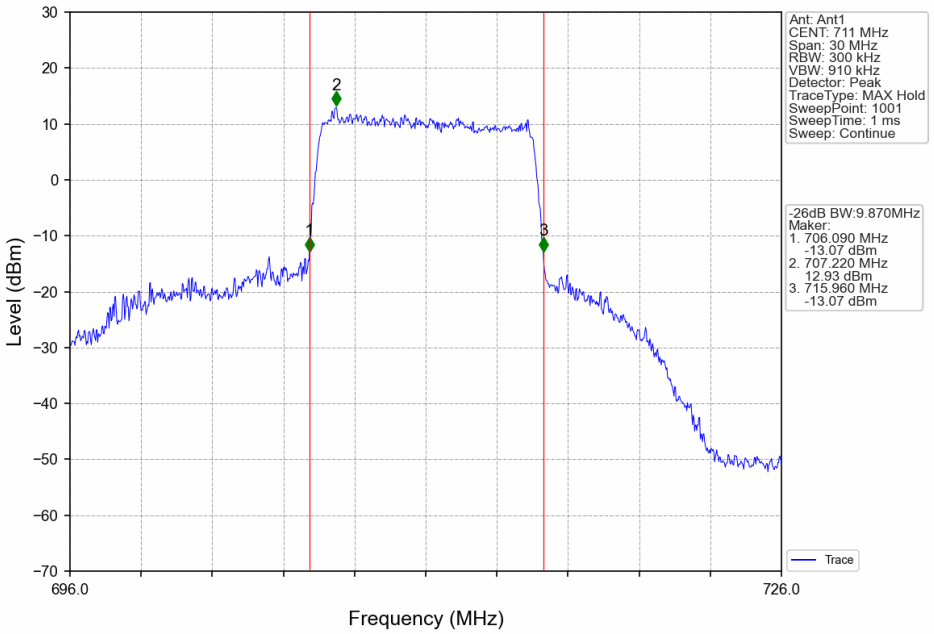
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



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	3.95	<=13	Pass
	710	25	0	5.16	<=13	Pass
	713.5	25	0	4.89	<=13	Pass
16QAM	706.5	25	0	4.92	<=13	Pass
	710	25	0	5.85	<=13	Pass
	713.5	25	0	5.71	<=13	Pass

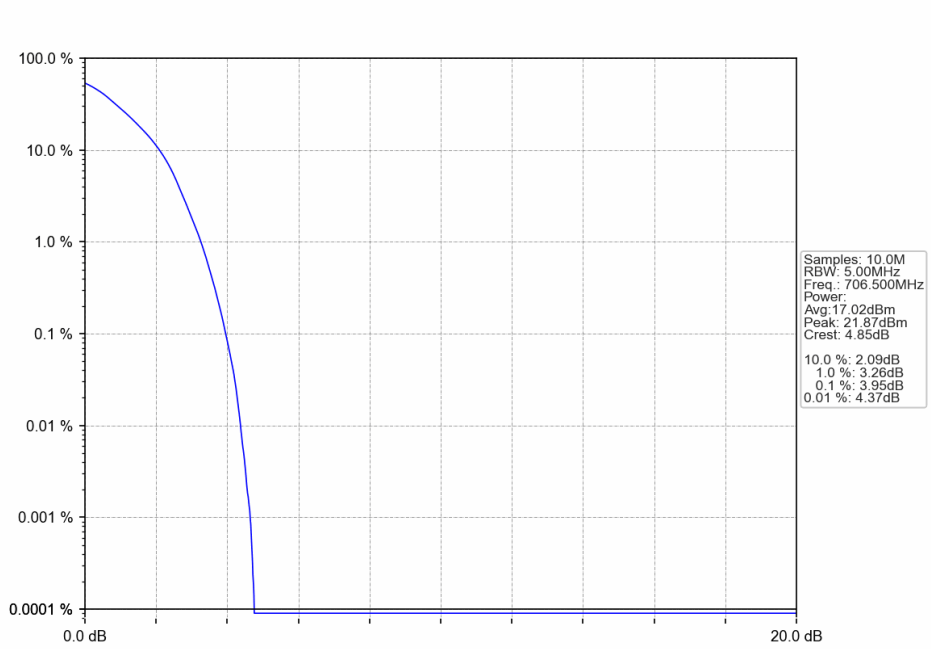
5.1.2 B17_10MHz

Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	709	50	0	4.85	<=13	Pass
	710	50	0	4.81	<=13	Pass
	711	50	0	4.71	<=13	Pass
16QAM	709	50	0	5.64	<=13	Pass
	710	50	0	5.64	<=13	Pass
	711	50	0	5.57	<=13	Pass

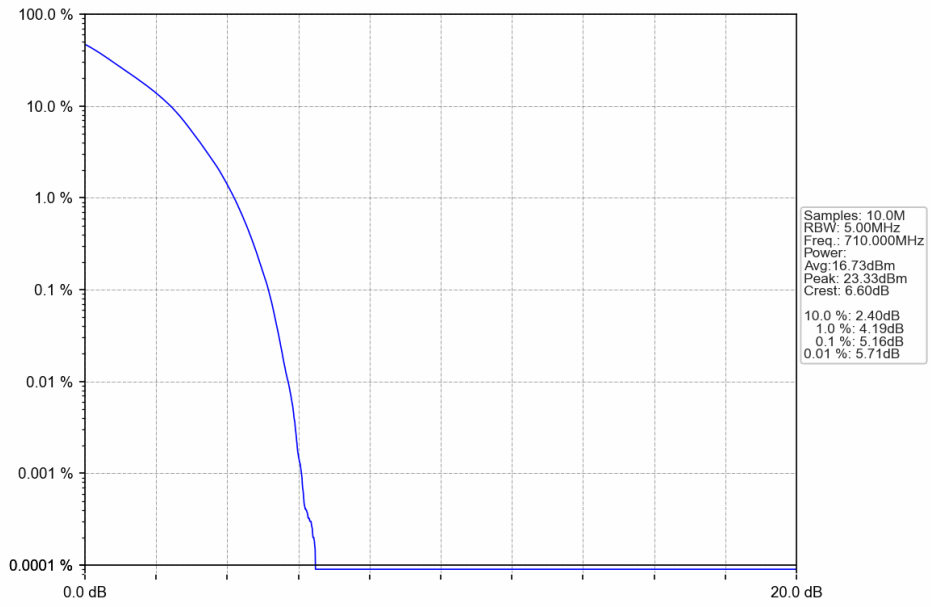
5.2 Test Graph

5.2.1 B17_5MHz

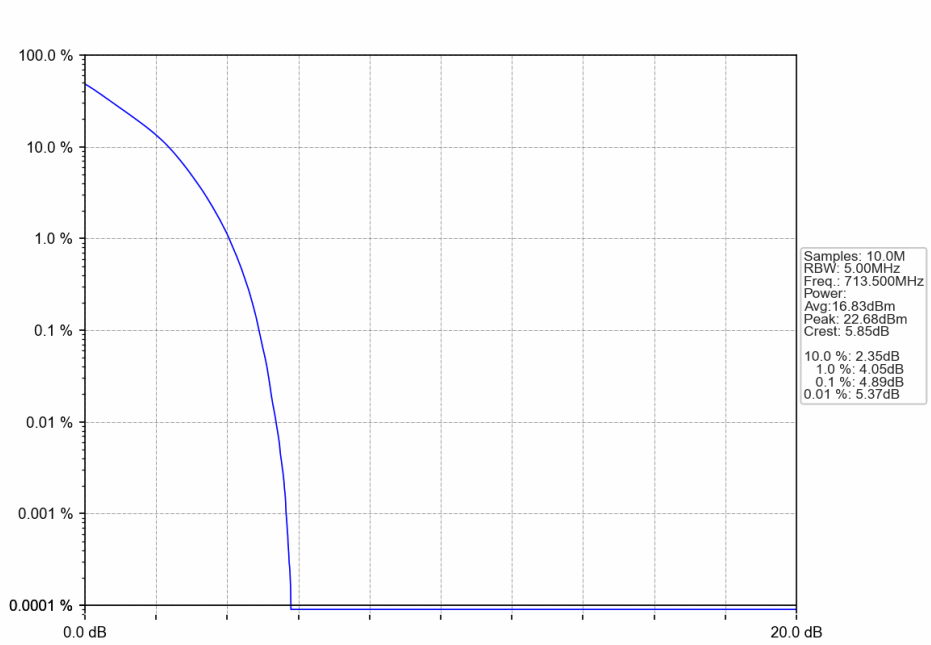
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



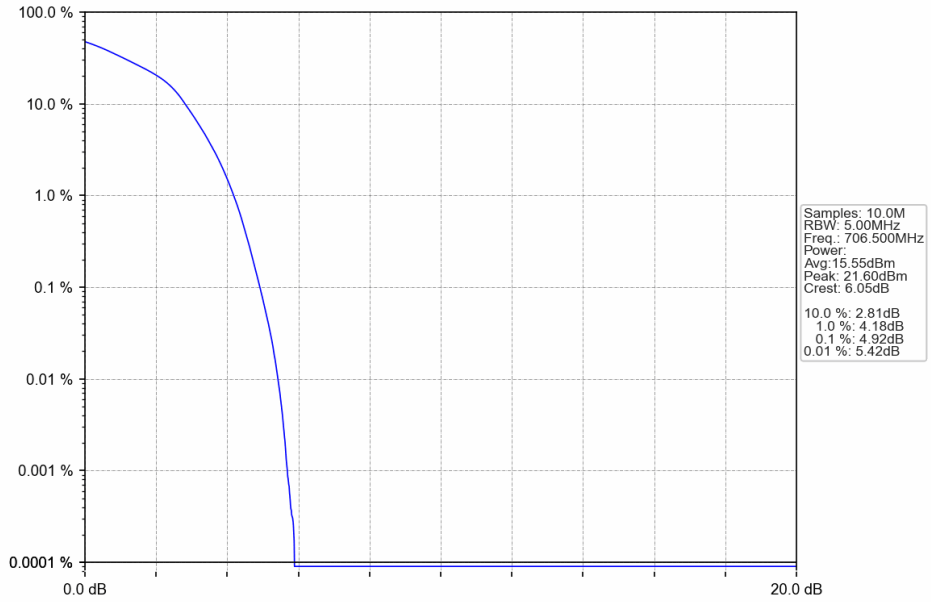
Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



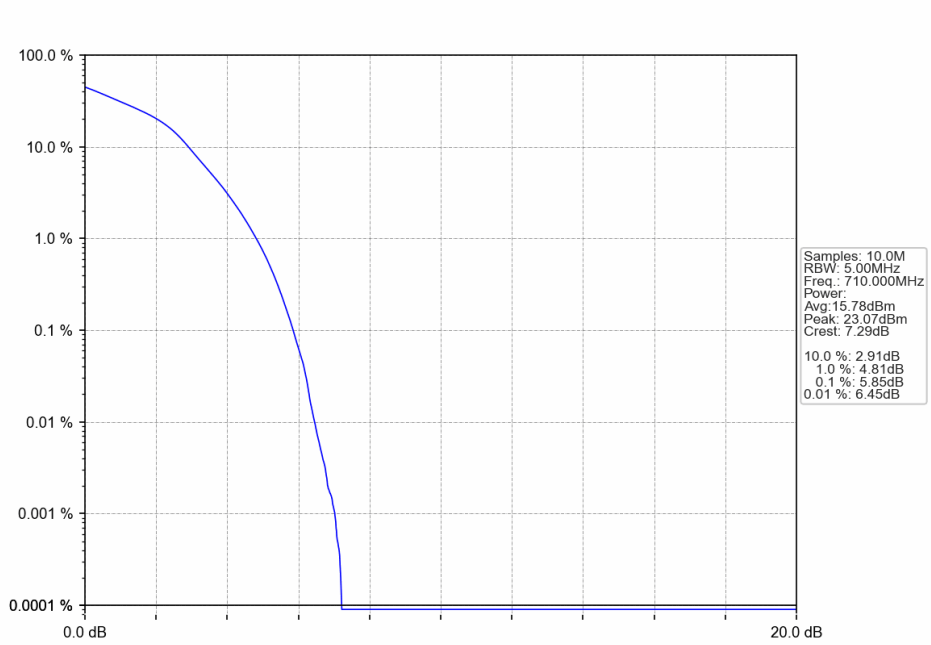
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



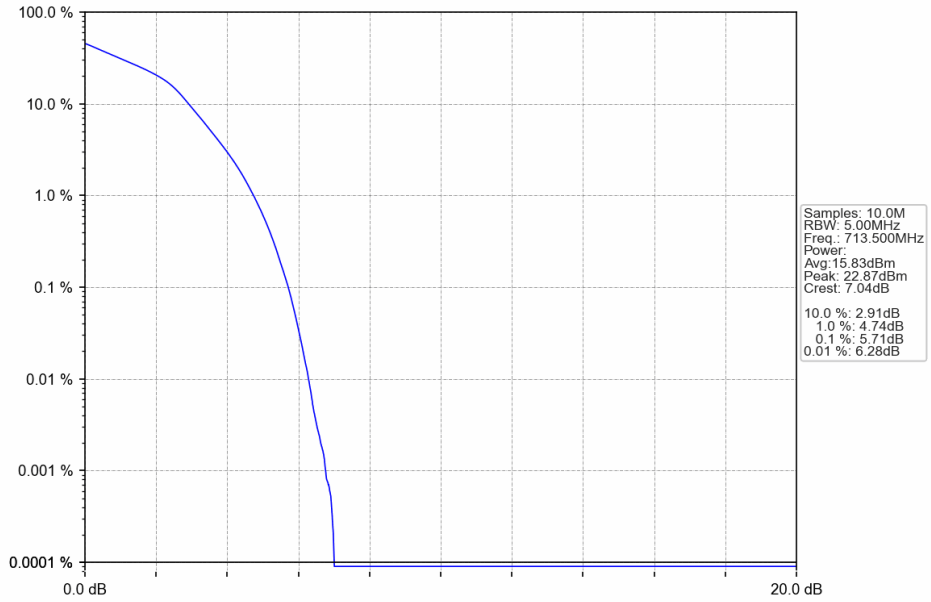
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV

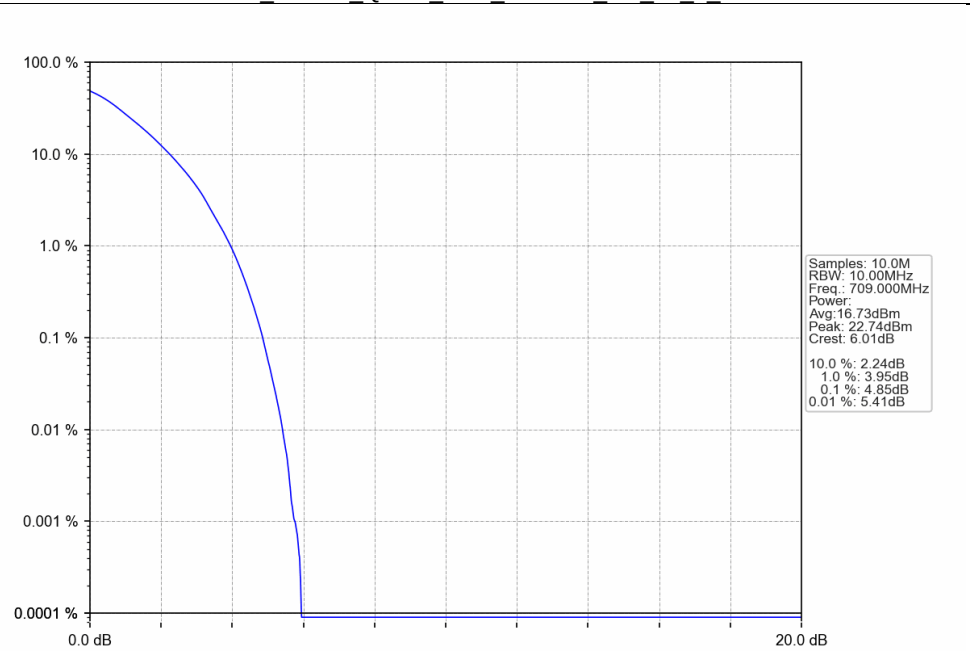


Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV

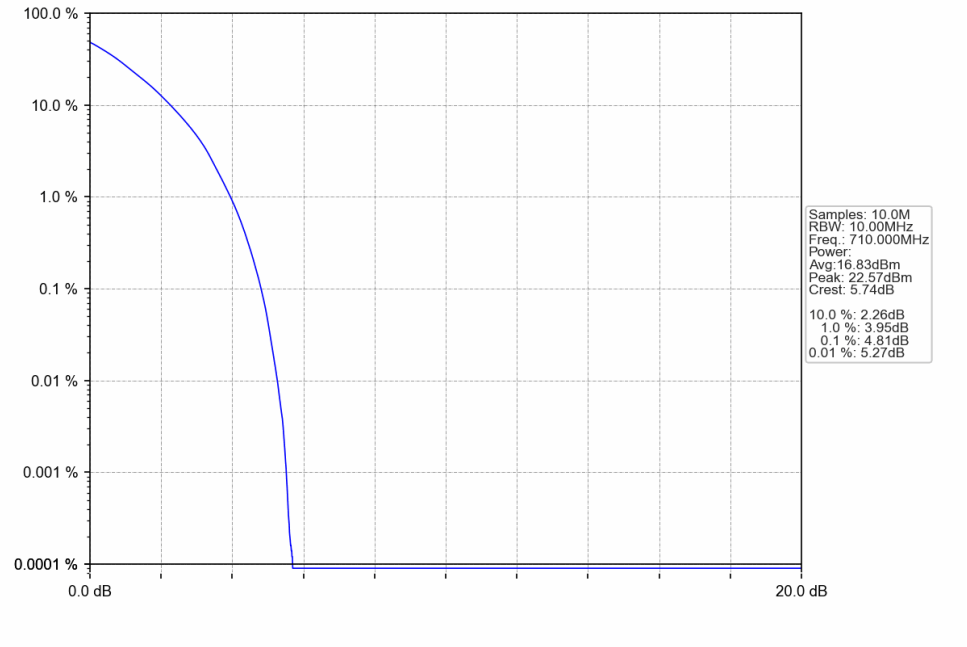


5.2.2 B17_10MHz

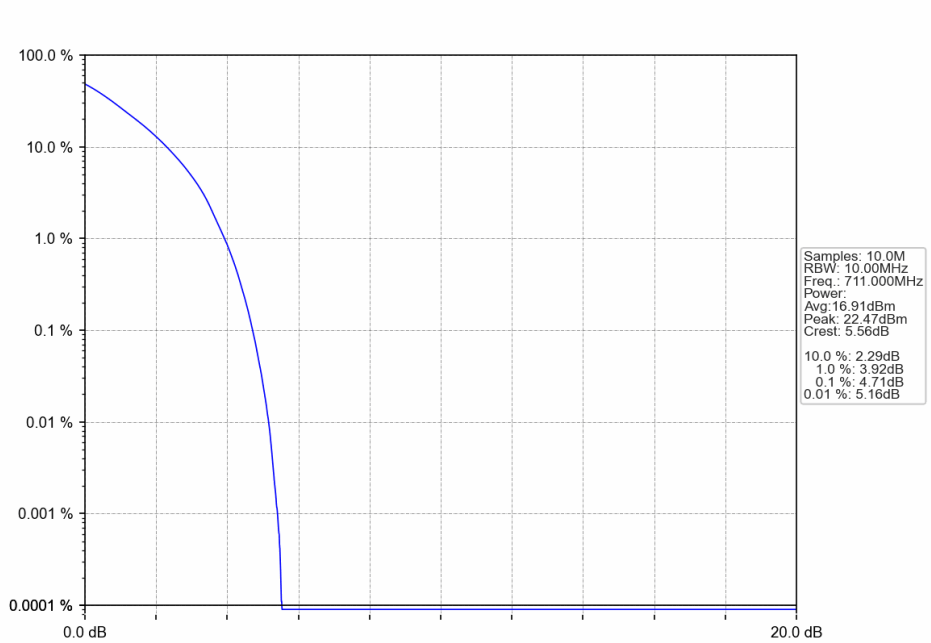
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



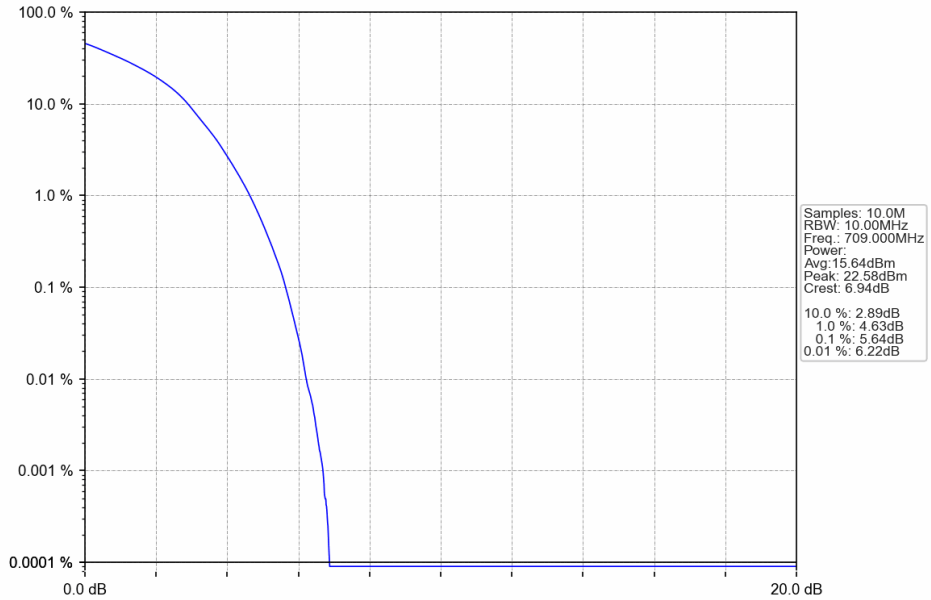
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



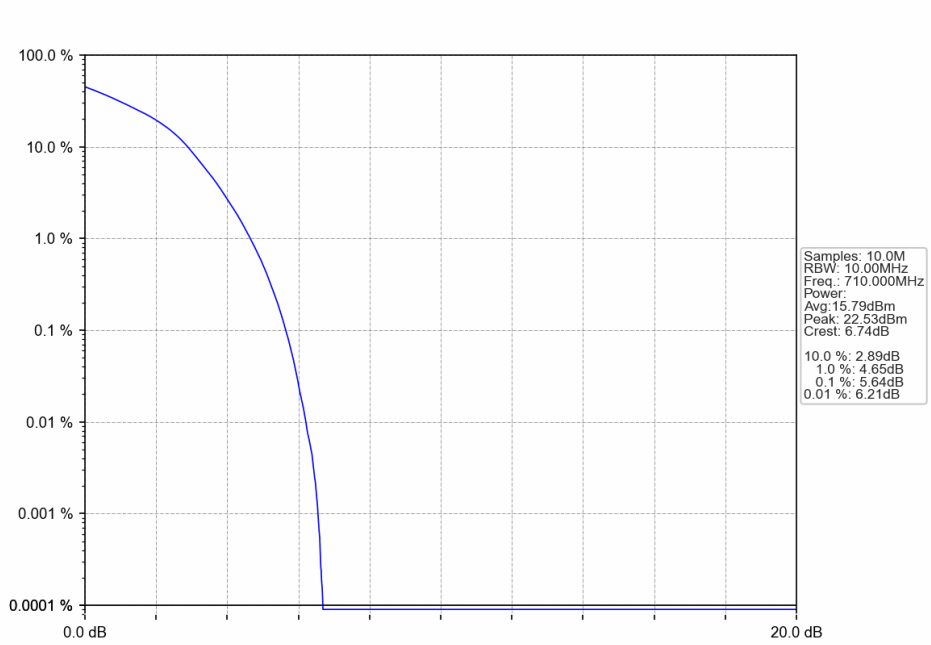
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



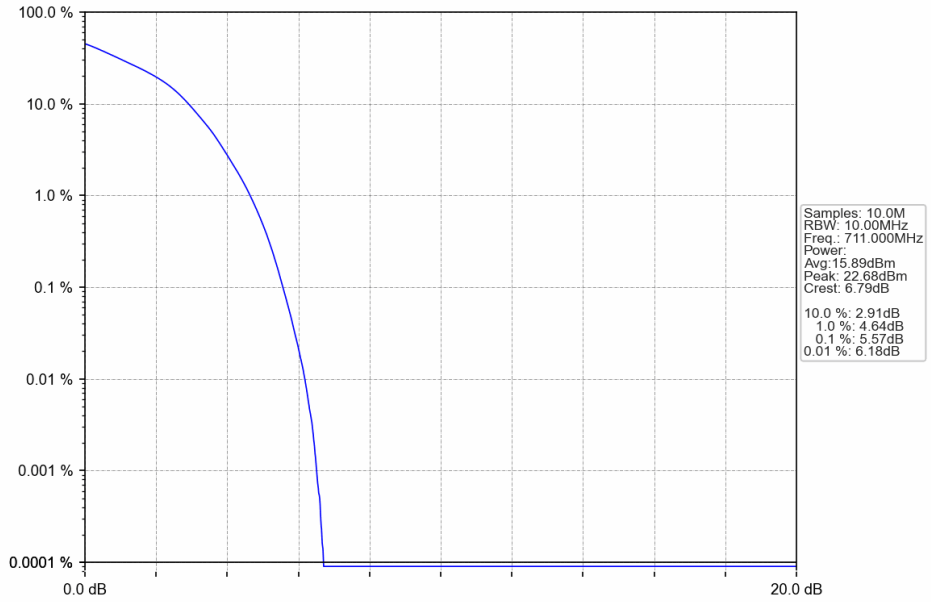
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



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

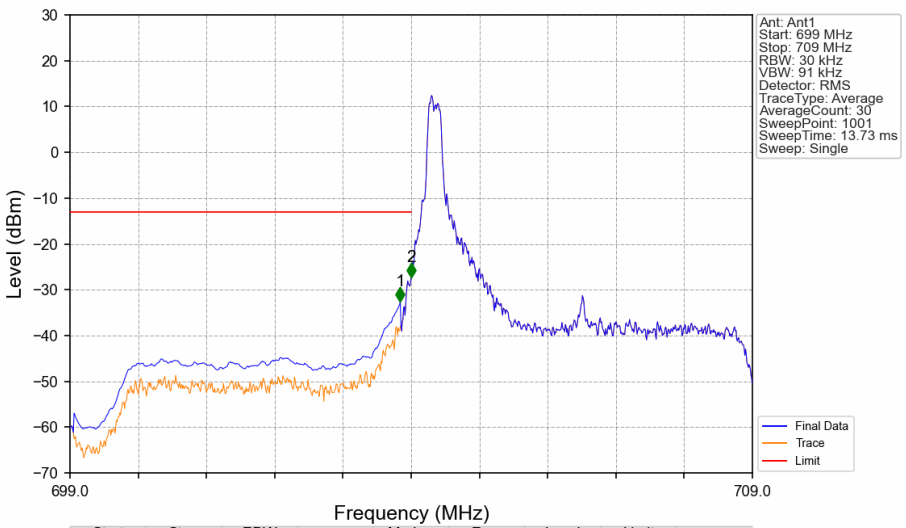
6.1.2 B17_10MHz

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

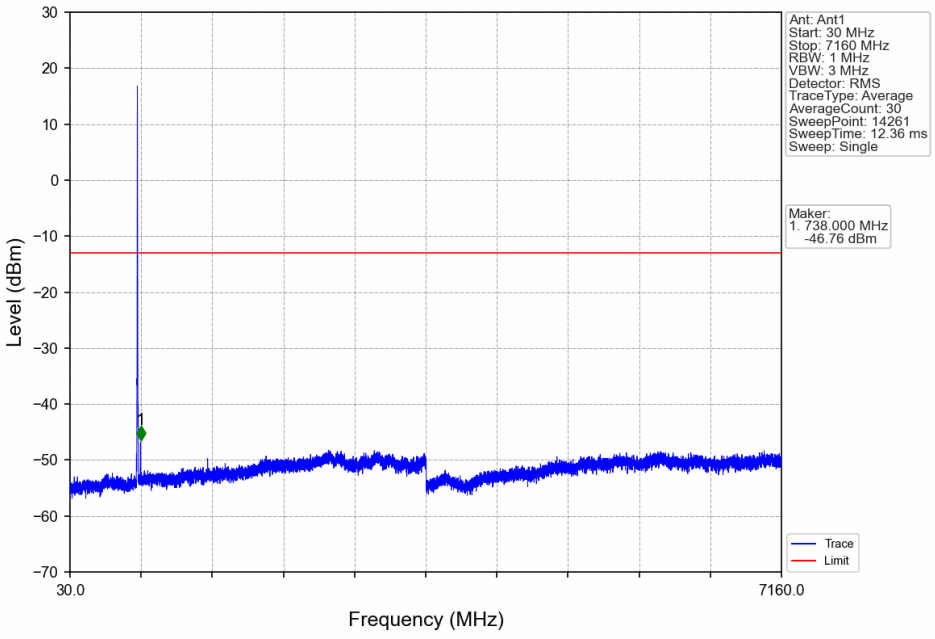
6.2.1 B17_5MHz

Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV

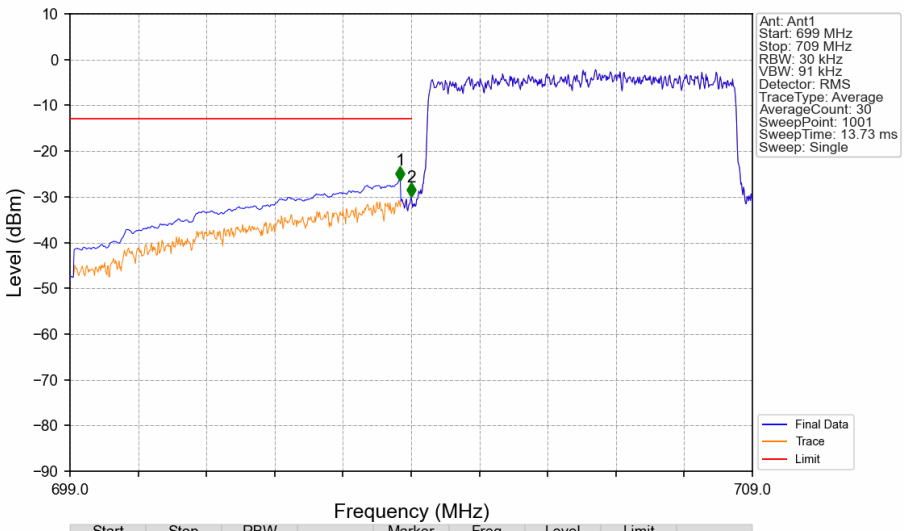


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-32.55	-13	Pass
703.9	704	0.03	/	2	704.000	-27.23	-13	Pass
704	709	0.03	/	/	/	/	/	/

Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV

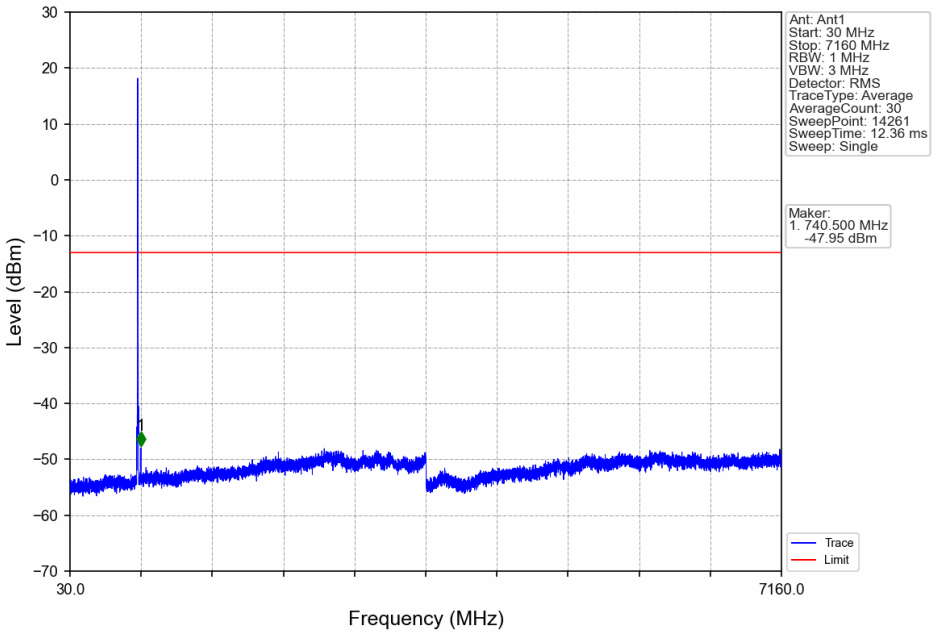


Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV

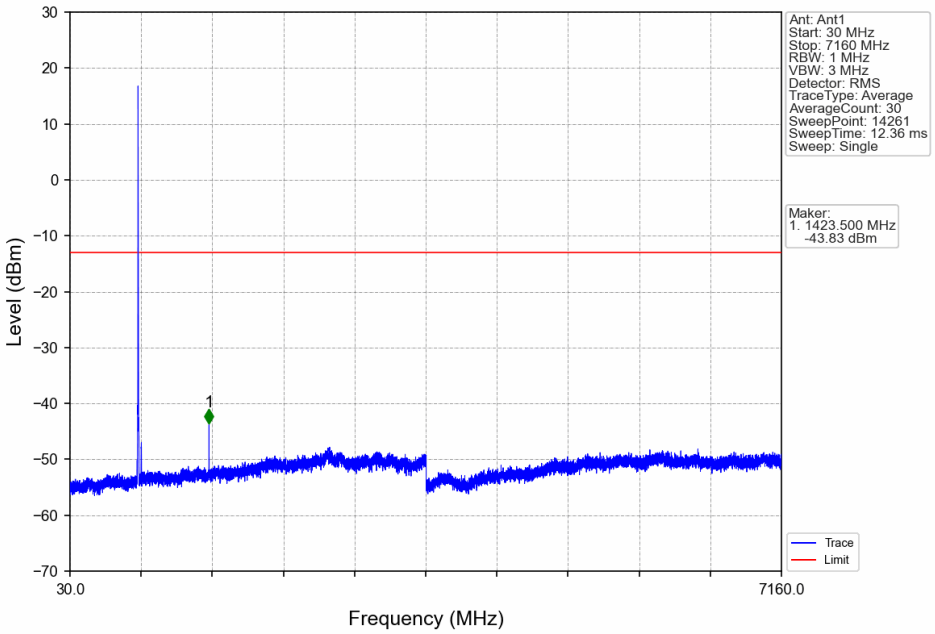


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-26.42	-13	Pass
703.9	704	0.03	/	2	704.000	-30.07	-13	Pass
704	709	0.03	/	/	/	/	/	/

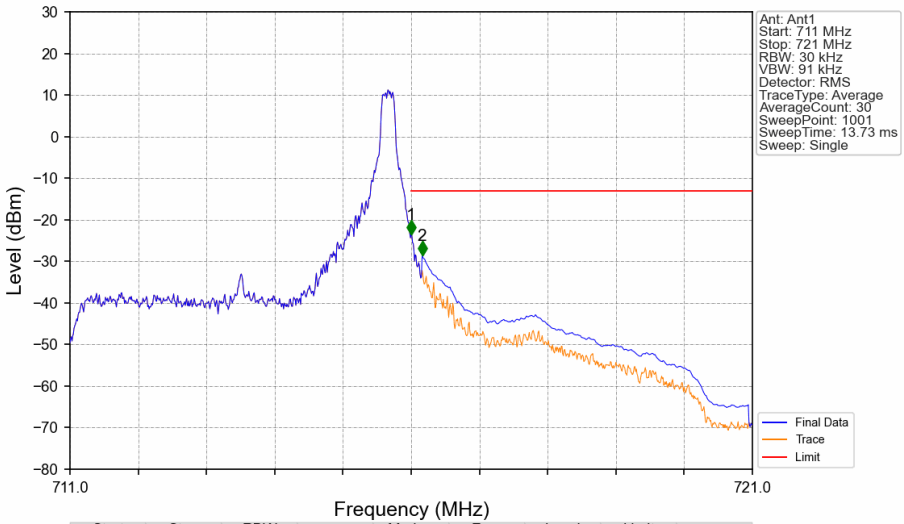
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV

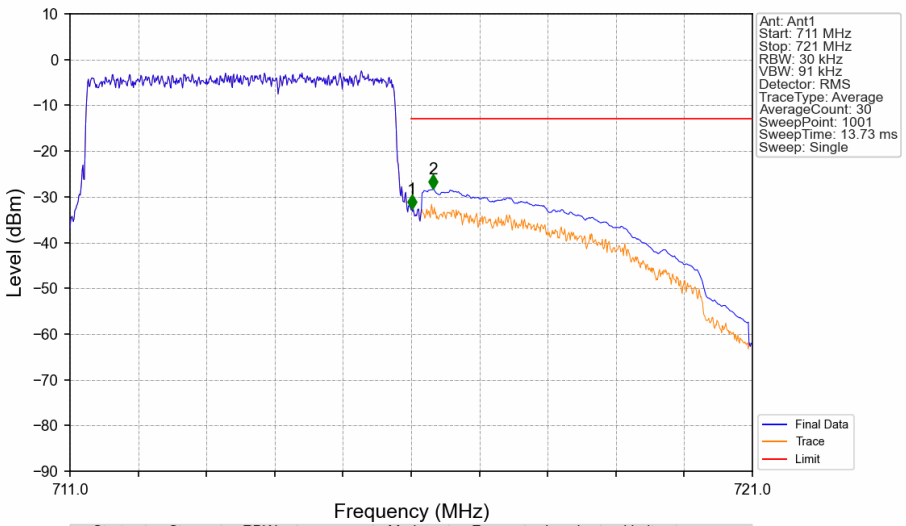


Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV



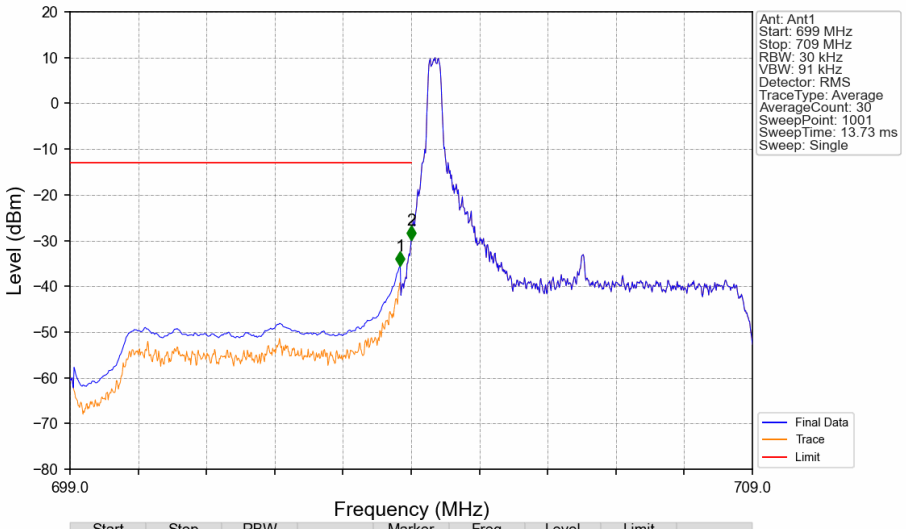
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-23.56	-13	Pass
716.1	721	0.1	CHP	2	716.160	-28.64	-13	Pass

Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



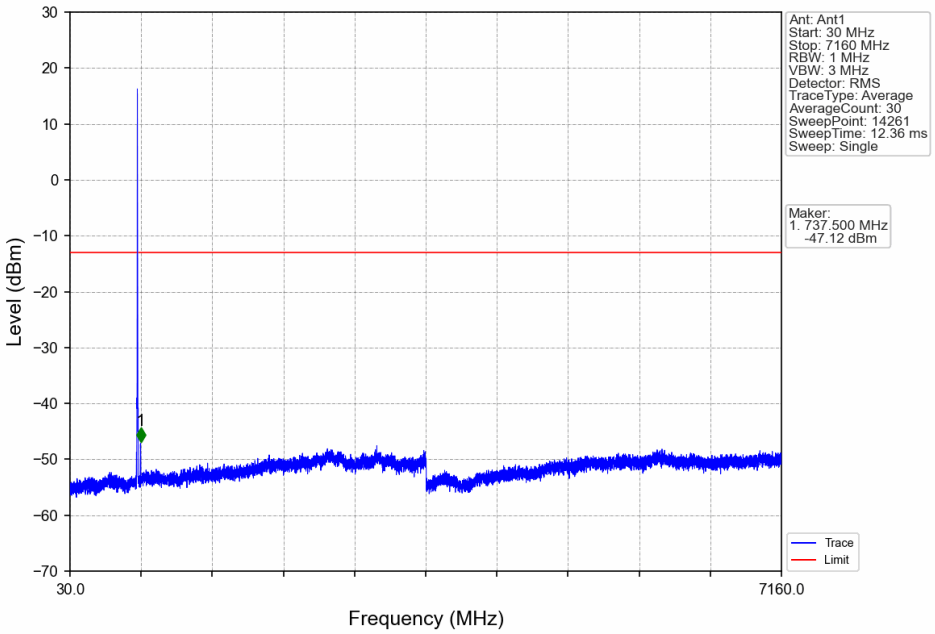
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-32.62	-13	Pass
716.1	721	0.1	CHP	2	716.320	-28.32	-13	Pass

Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV

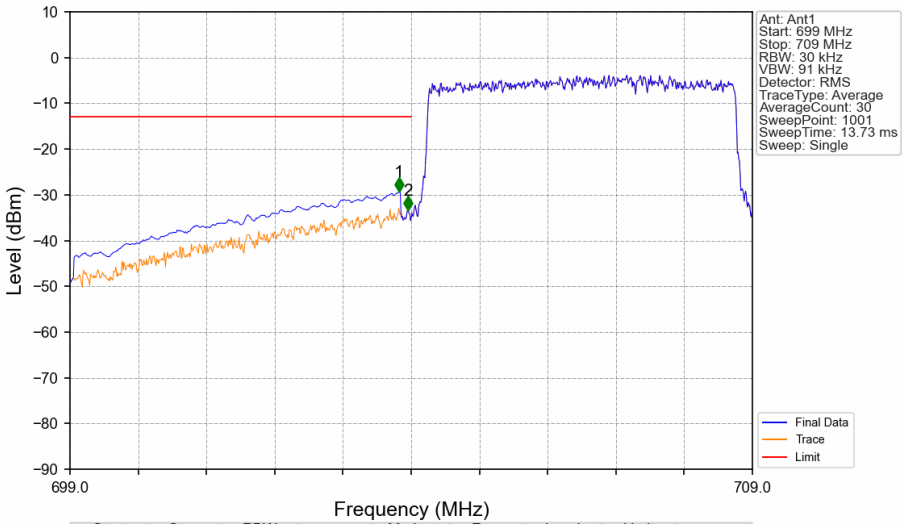


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-35.52	-13	Pass
703.9	704	0.03	/	2	704.000	-29.87	-13	Pass
704	709	0.03	/	/	/	/	/	/

Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV

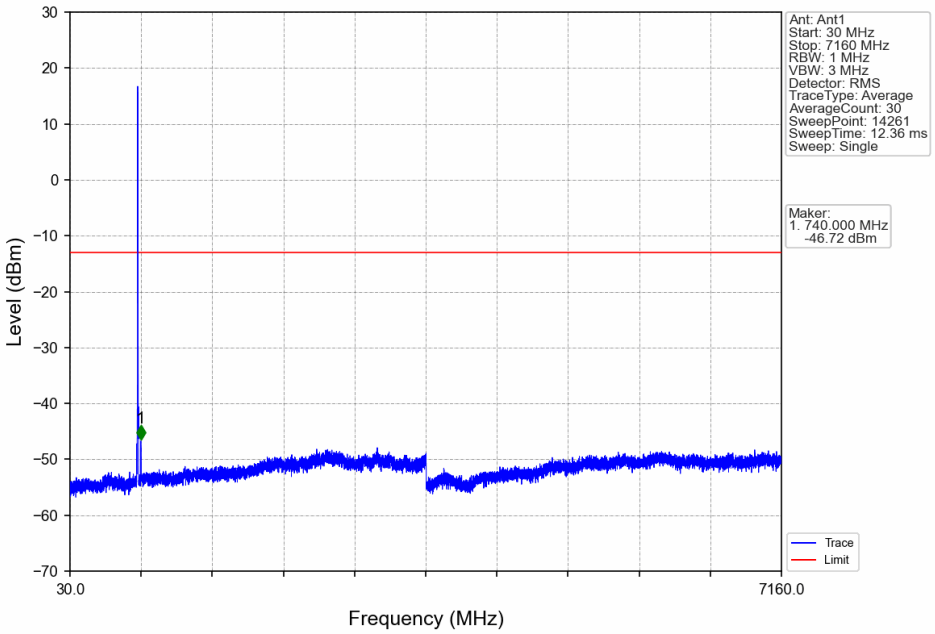


Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV

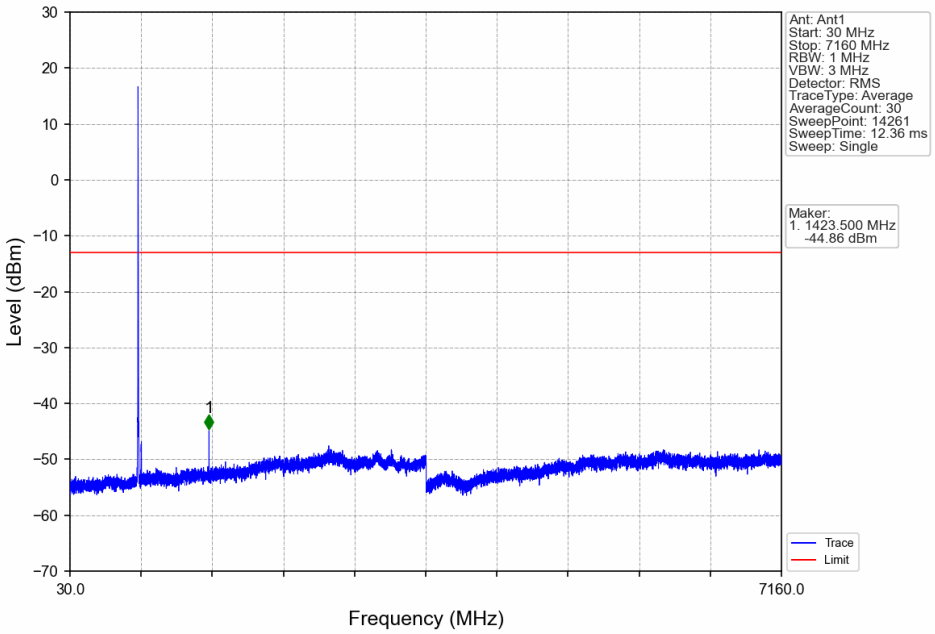


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.820	-29.38	-13	Pass
703.9	704	0.03	/	2	703.950	-33.37	-13	Pass
704	709	0.03	/	/	/	/	/	/

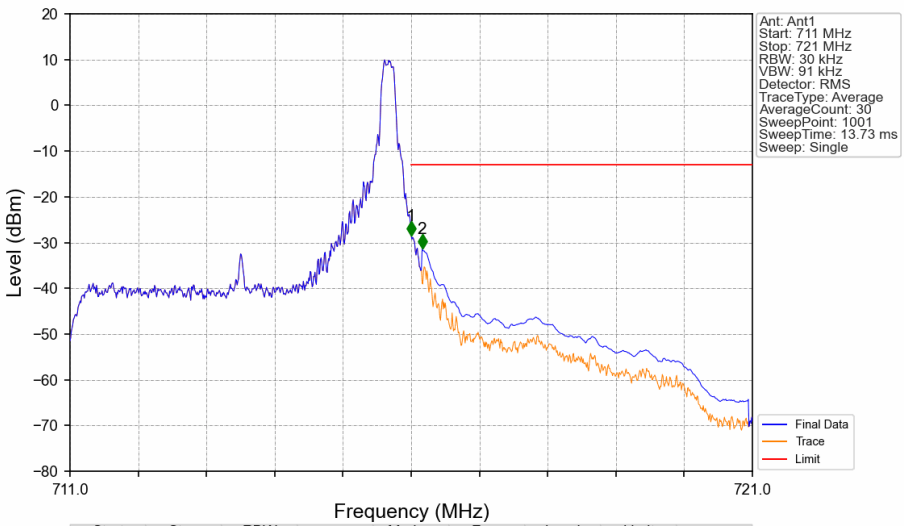
Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV

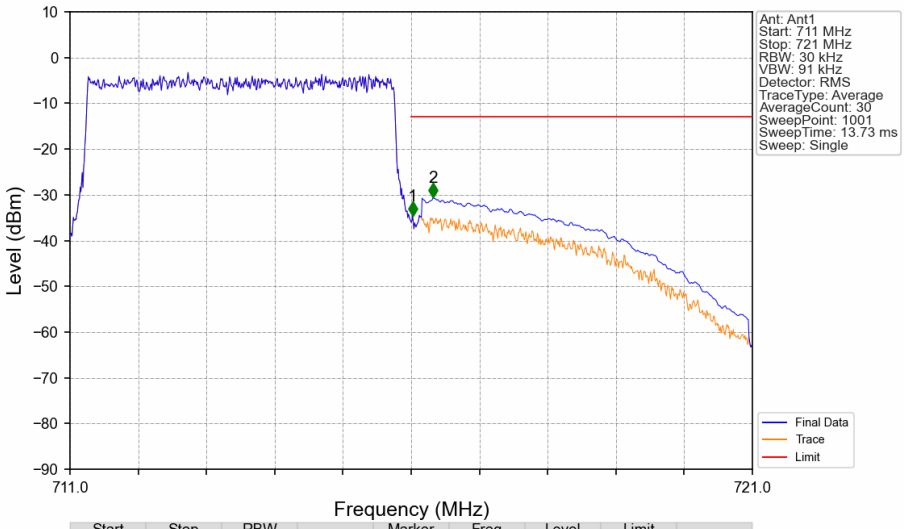


Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_24_NTNV



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	716.000	-28.45	-13	Pass
716.1	721	0.1	CHP	2	716.160	-31.40	-13	Pass

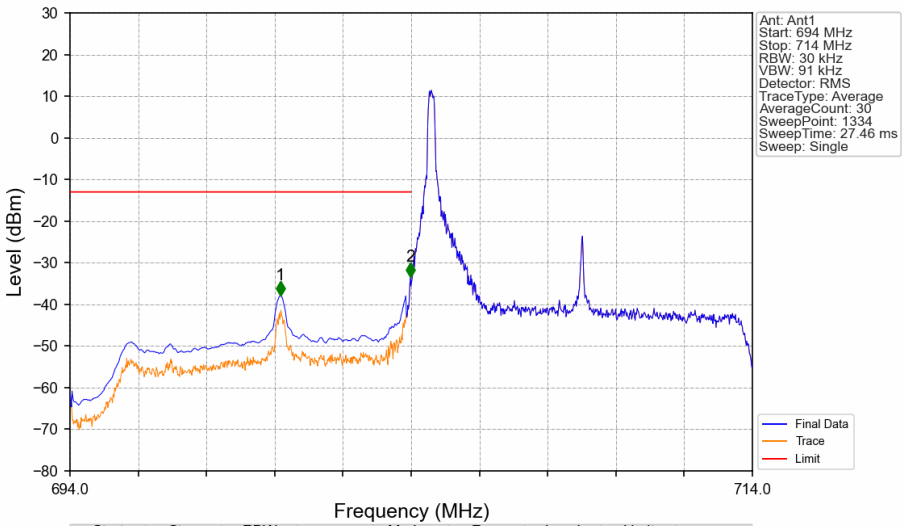
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



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	716.020	-34.61	-13	Pass
716.1	721	0.1	CHP	2	716.320	-30.62	-13	Pass

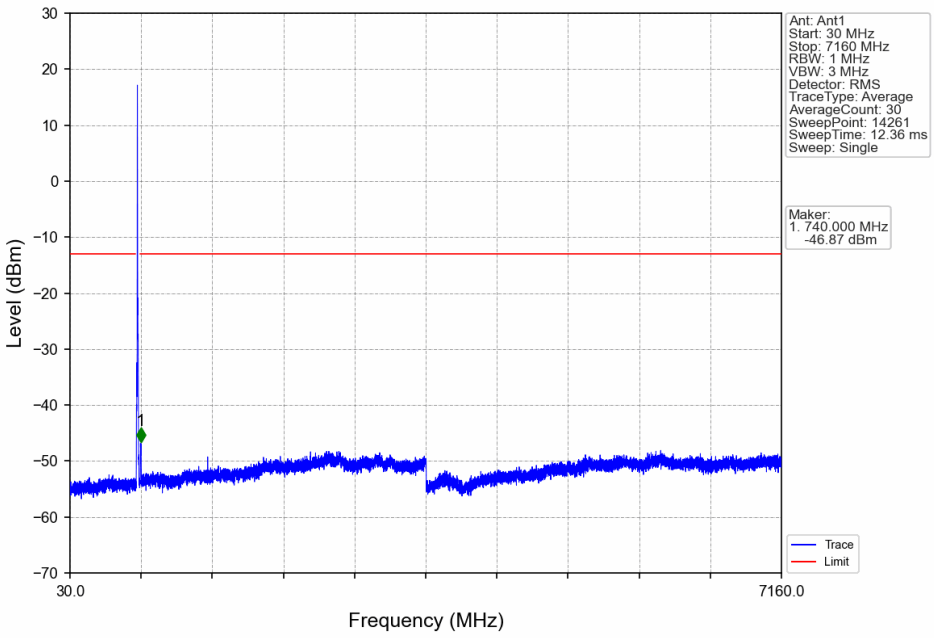
6.2.2 B17_10MHz

Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV

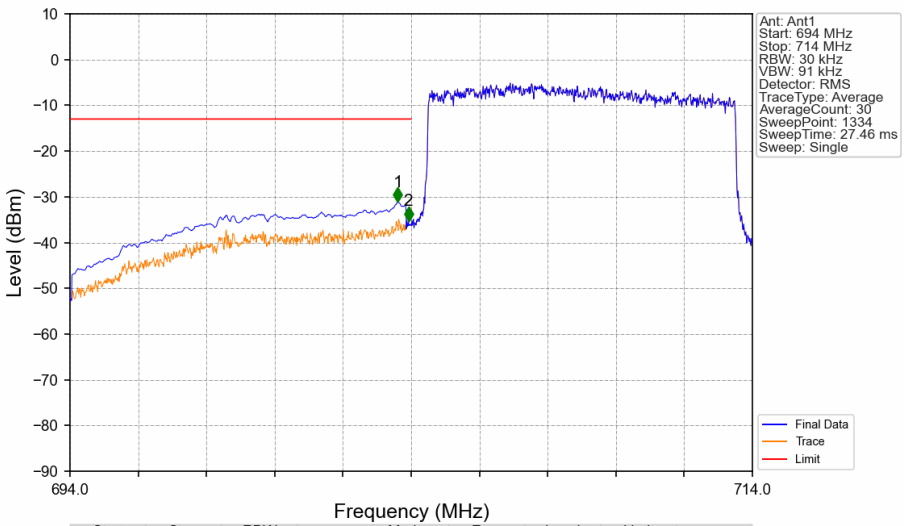


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	700.167	-37.80	-13	Pass
703.9	704	0.03	/	2	703.977	-33.35	-13	Pass
704	714	0.03	/	/	/	/	/	/

Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV

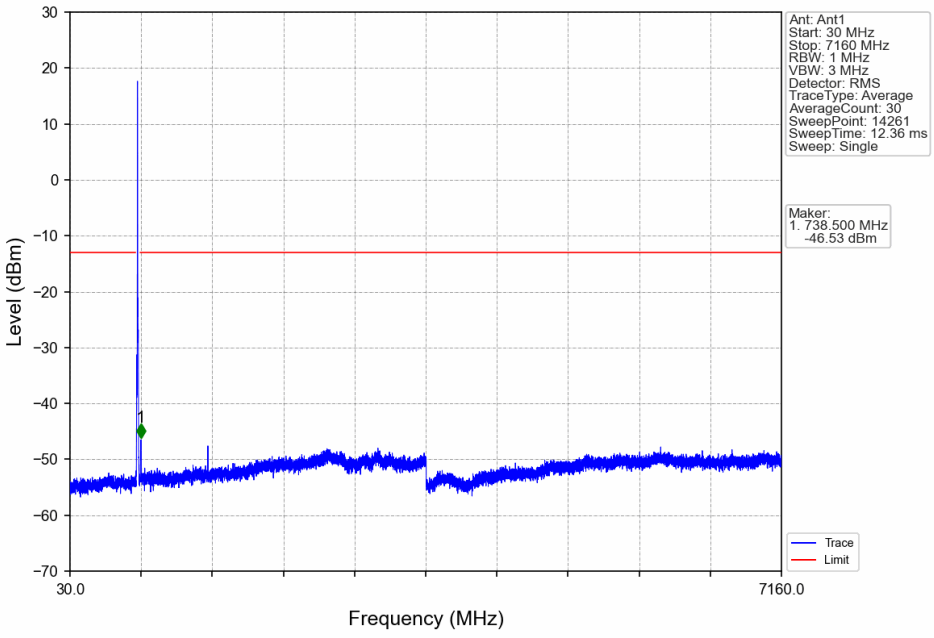


Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV

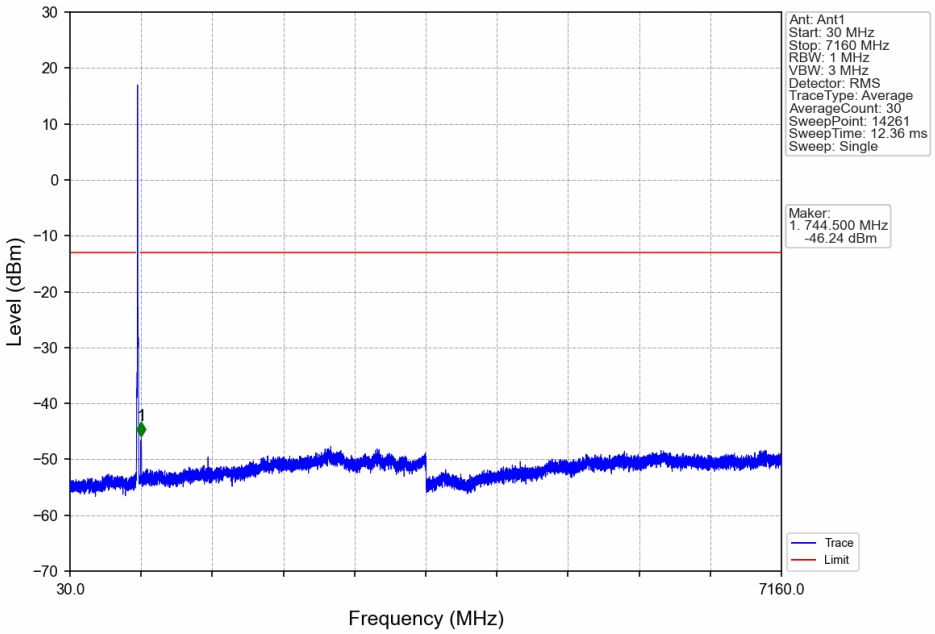


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.602	-31.04	-13	Pass
703.9	704	0.03	/	2	703.917	-35.25	-13	Pass
704	714	0.03	/	/	/	/	/	/

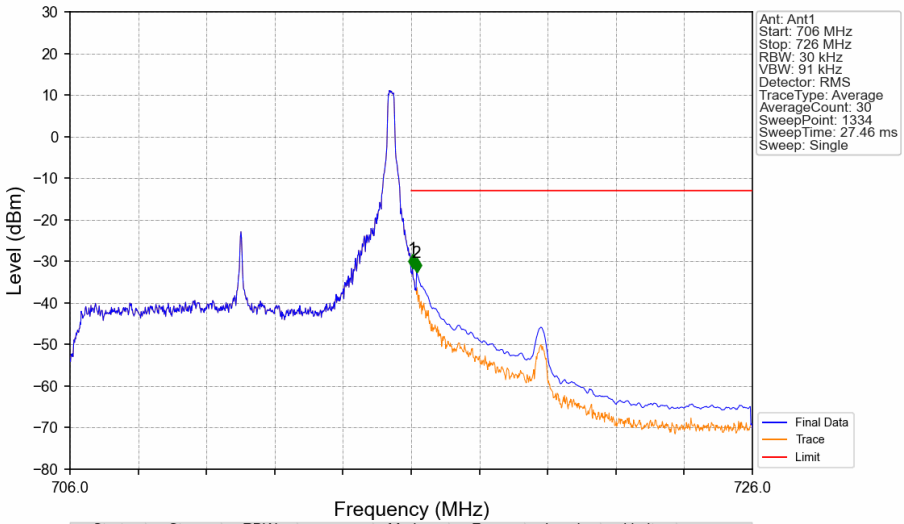
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV

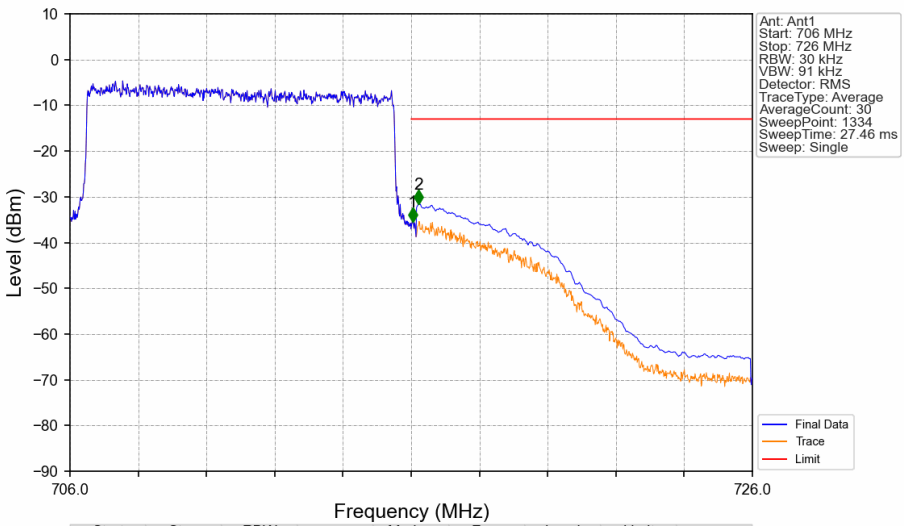


Band17_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV



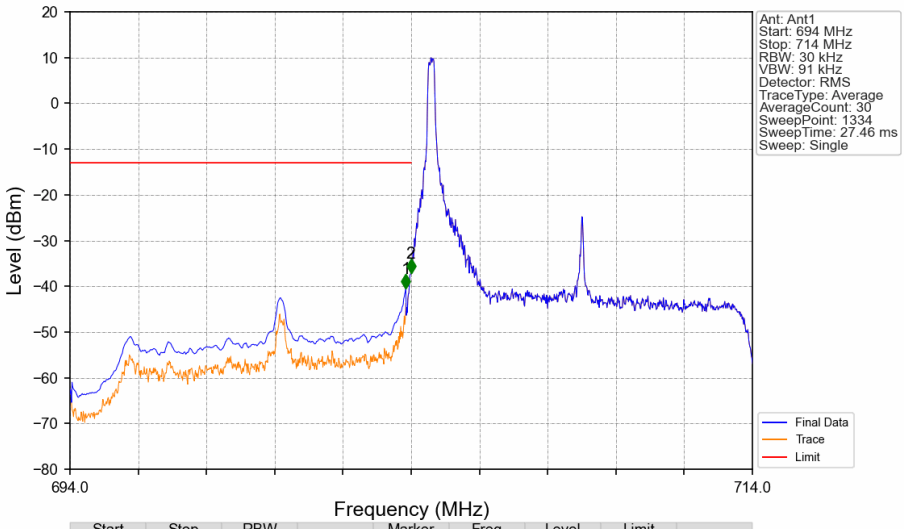
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.038	-31.66	-13	Pass
716.1	726	0.1	CHP	2	716.158	-32.68	-13	Pass

Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



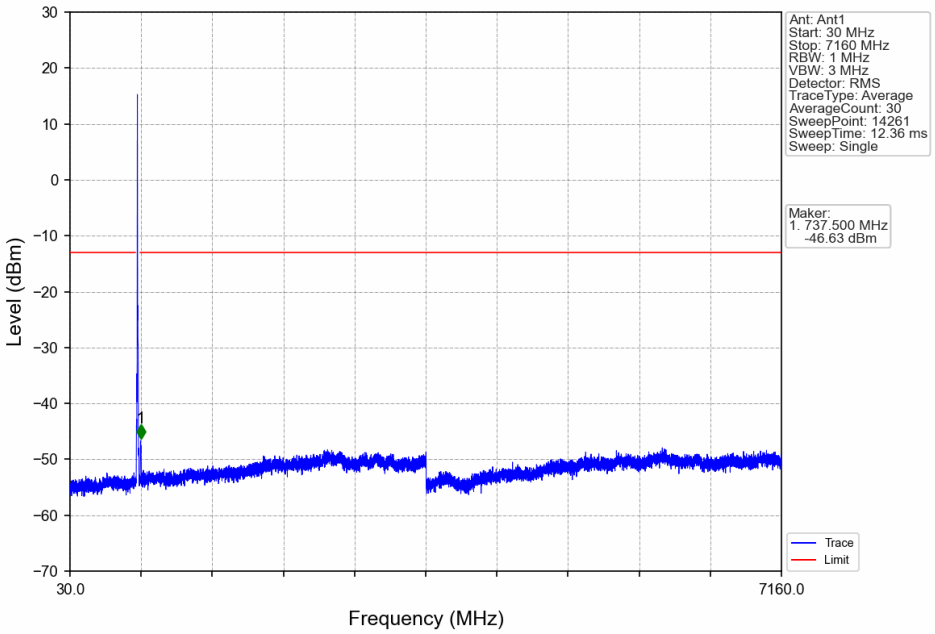
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.038	-35.54	-13	Pass
716.1	726	0.1	CHP	2	716.218	-31.61	-13	Pass

Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV

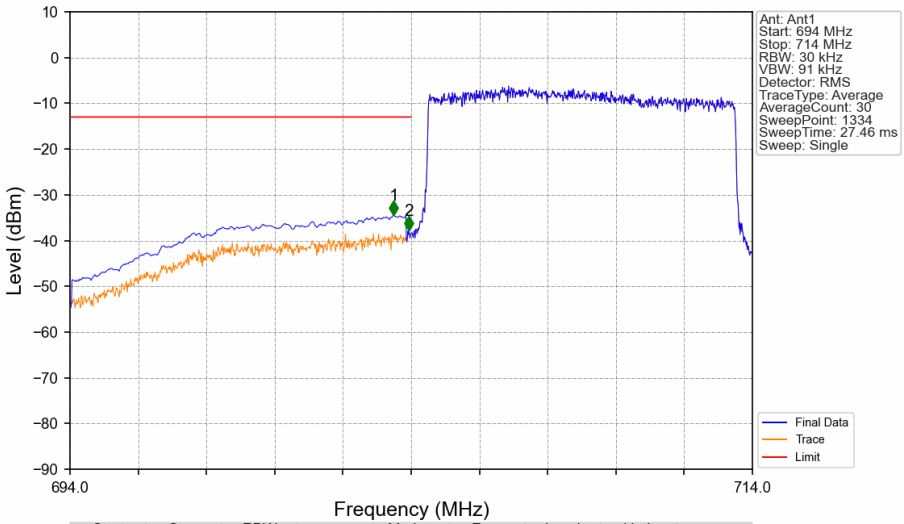


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-40.49	-13	Pass
703.9	704	0.03	/	2	703.992	-37.19	-13	Pass
704	714	0.03	/	/	/	/	/	/

Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV

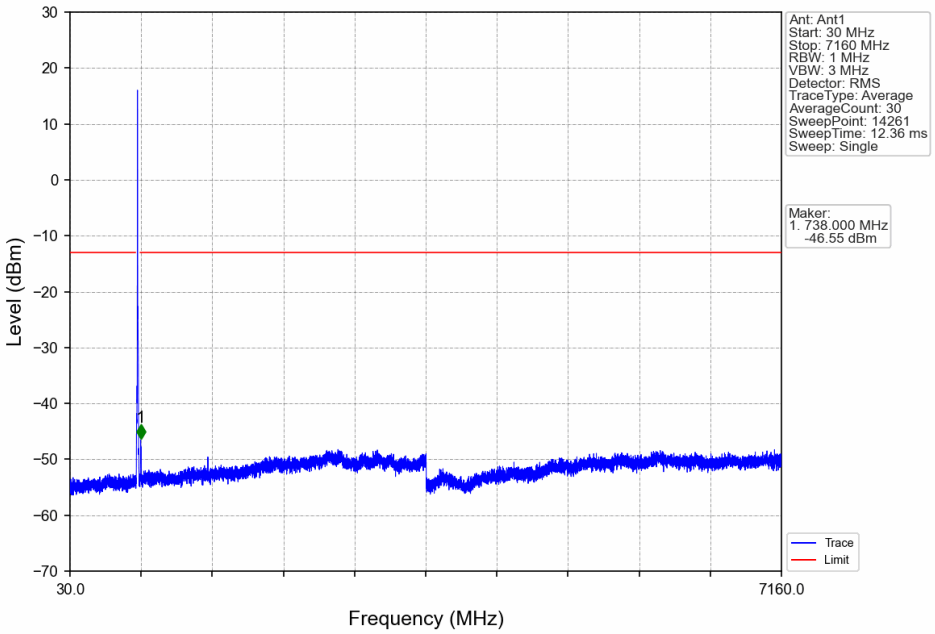


Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV

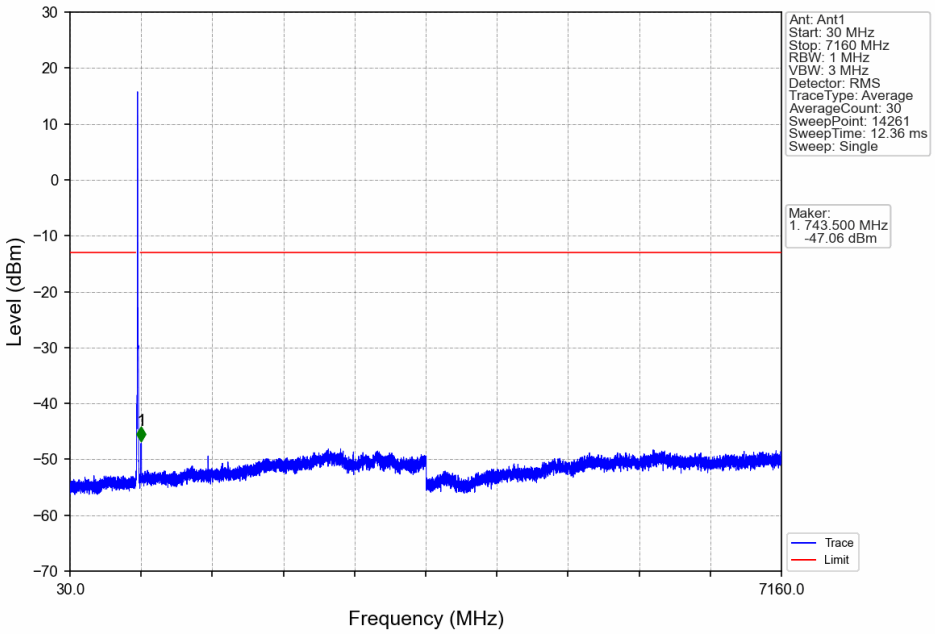


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.482	-34.42	-13	Pass
703.9	704	0.03	/	2	703.932	-37.82	-13	Pass
704	714	0.03	/	/	/	/	/	/

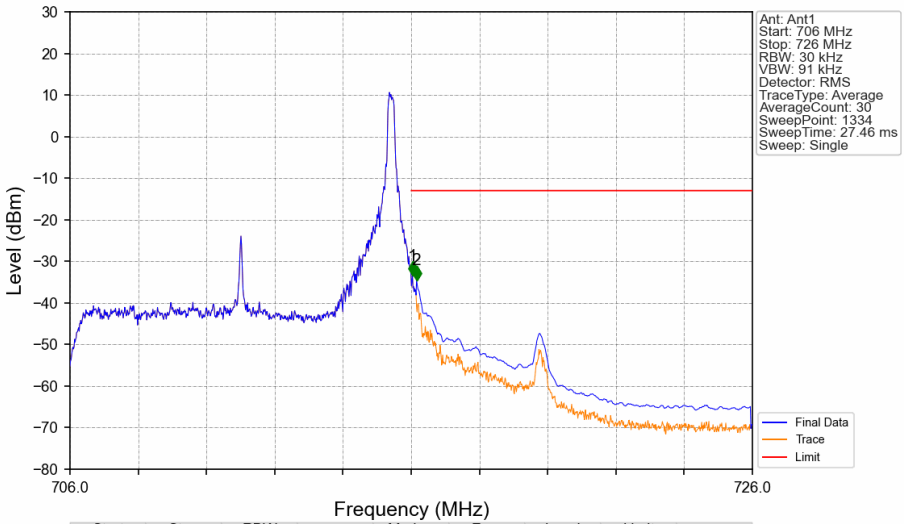
Band17_10MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV

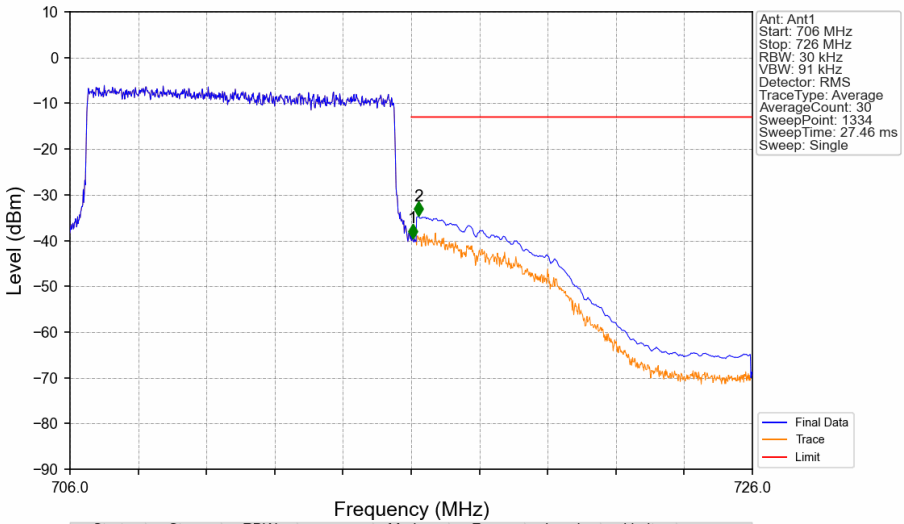


Band17_10MHz_16QAM_HCH_711MHz_RB_1_49_NTNV



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	-33.51	-13	Pass
716.1	726	0.1	CHP	2	716.158	-34.53	-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	716.038	-39.46	-13	Pass
716.1	726	0.1	CHP	2	716.218	-34.66	-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	0.2661	0.0095	ppm	4M56G7D	27H	24.25
17	5	706.5	713.5	0.2084	0.0101	ppm	4M56W7D	27H	23.19
17	10	709	711	0.2710	0.0087	ppm	9M08G7D	27H	24.33
17	10	709	711	0.2198	0.0075	ppm	9M08W7D	27H	23.42

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	0.0261	0.0095	ppm	4M56G7D	27H	14.16
17	5	706.5	713.5	0.0204	0.0101	ppm	4M56W7D	27H	13.10
17	10	709	711	0.0265	0.0087	ppm	9M08G7D	27H	14.24
17	10	709	711	0.0215	0.0075	ppm	9M08W7D	27H	13.33