1. Effective (Isotropic) Radiated Power Output Data

1.1 B17_5MHz_ERP

1.1.1 Test Result

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	23.73	2.37	23.95	<=34.77	Pass
			13	23.47	2.37	23.69	<=34.77	Pass
			24	23.33	2.37	23.55	<=34.77	Pass
		12	0	22.19	2.37	22.41	<=34.77	Pass
			6	22.43	2.37	22.65	<=34.77	Pass
			13	22.50	2.37	22.72	<=34.77	Pass
		25	0	22.39	2.37	22.61	<=34.77	Pass
	710	1	0	23.31	2.37	23.53	<=34.77	Pass
			13	23.48	2.37	23.70	<=34.77	Pass
			24	23.38	2.37	23.60	<=34.77	Pass
		12	0	22.41	2.37	22.63	<=34.77	Pass
			6	22.47	2.37	22.69	<=34.77	Pass
			13	22.24	2.37	22.46	<=34.77	Pass
		25	0	22.33	2.37	22.55	<=34.77	Pass
	713.5	1	0	23.32	2.37	23.54	<=34.77	Pass
			13	23.43	2.37	23.65	<=34.77	Pass
			24	23.40	2.37	23.62	<=34.77	Pass
		12	0	22.55	2.37	22.77	<=34.77	Pass
			6	22.51	2.37	22.73	<=34.77	Pass
			13	22.55	2.37	22.77	<=34.77	Pass
		25	0	22.57	2.37	22.79	<=34.77	Pass
16QAM	706.5	1	0	22.12	2.37	22.34	<=34.77	Pass
			13	22.23	2.37	22.45	<=34.77	Pass
			24	22.17	2.37	22.39	<=34.77	Pass
		12	0	21.21	2.37	21.43	<=34.77	Pass
			6	21.43	2.37	21.65	<=34.77	Pass
			13	21.52	2.37	21.74	<=34.77	Pass
		25	0	21.41	2.37	21.63	<=34.77	Pass
	710	1	0	22.38	2.37	22.60	<=34.77	Pass
			13	22.54	2.37	22.76	<=34.77	Pass
			24	22.50	2.37	22.72	<=34.77	Pass
		12	0	21.37	2.37	21.59	<=34.77	Pass
			6	21.48	2.37	21.70	<=34.77	Pass
			13	21.24	2.37	21.46	<=34.77	Pass
		25	0	21.39	2.37	21.61	<=34.77	Pass
	713.5	1	0	22.61	2.37	22.83	<=34.77	Pass
			13	22.76	2.37	22.98	<=34.77	Pass
			24	22.57	2.37	22.79	<=34.77	Pass
		12	0	21.65	2.37	21.87	<=34.77	Pass
			6	21.59	2.37	21.81	<=34.77	Pass
			13	21.64	2.37	21.86	<=34.77	Pass
		25	0	21.55	2.37	21.77	<=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 / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	709	1	0	23.28	2.37	23.50	<=34.77	Pass
			25	23.68	2.37	23.90	<=34.77	Pass
			49	23.44	2.37	23.66	<=34.77	Pass
		25	0	22.26	2.37	22.48	<=34.77	Pass
			13	22.48	2.37	22.70	<=34.77	Pass
			25	22.17	2.37	22.39	<=34.77	Pass
		50	0	22.27	2.37	22.49	<=34.77	Pass
	710	1	0	23.23	2.37	23.45	<=34.77	Pass
			25	23.62	2.37	23.84	<=34.77	Pass
			49	23.40	2.37	23.62	<=34.77	Pass
		25	0	22.36	2.37	22.58	<=34.77	Pass
			13	22.56	2.37	22.78	<=34.77	Pass
			25	22.30	2.37	22.52	<=34.77	Pass
		50	0	22.39	2.37	22.61	<=34.77	Pass
	711	1	0	23.28	2.37	23.50	<=34.77	Pass
			25	23.63	2.37	23.85	<=34.77	Pass
			49	23.46	2.37	23.68	<=34.77	Pass
		25	0	22.56	2.37	22.78	<=34.77	Pass
			13	22.55	2.37	22.77	<=34.77	Pass
			25	22.50	2.37	22.72	<=34.77	Pass
		50	0	22.54	2.37	22.76	<=34.77	Pass
16QAM	709	1	0	22.30	2.37	22.52	<=34.77	Pass
			25	22.64	2.37	22.86	<=34.77	Pass
			49	22.46	2.37	22.68	<=34.77	Pass
		25	0	21.34	2.37	21.56	<=34.77	Pass
			13	21.54	2.37	21.76	<=34.77	Pass
			25	21.26	2.37	21.48	<=34.77	Pass
		50	0	21.27	2.37	21.49	<=34.77	Pass
	710	1	0	22.41	2.37	22.63	<=34.77	Pass
			25	22.79	2.37	23.01	<=34.77	Pass
			49	22.60	2.37	22.82	<=34.77	Pass
		25	0	21.41	2.37	21.63	<=34.77	Pass
			13	21.50	2.37	21.72	<=34.77	Pass
			25	21.27	2.37	21.49	<=34.77	Pass
		50	0	21.35	2.37	21.57	<=34.77	Pass
	711	1	0	22.77	2.37	22.99	<=34.77	Pass
			25	23.18	2.37	23.40	<=34.77	Pass
			49	22.91	2.37	23.13	<=34.77	Pass
		25	0	21.58	2.37	21.80	<=34.77	Pass
			13	21.59	2.37	21.81	<=34.77	Pass
			25	21.54	2.37	21.76	<=34.77	Pass
		50	0	21.57	2.37	21.79	<=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	-3.805	-0.0054	-2.5 to 2.5	Pass
					3.85	-8.540	-0.0121	-2.5 to 2.5	Pass
					4.43	-9.356	-0.0132	-2.5 to 2.5	Pass
				-30	3.85	-5.221	-0.0074	-2.5 to 2.5	Pass
				-20	3.85	-9.727	-0.0138	-2.5 to 2.5	Pass
				-10	3.85	-6.852	-0.0097	-2.5 to 2.5	Pass
				0	3.85	-4.764	-0.0067	-2.5 to 2.5	Pass
				10	3.85	-4.563	-0.0065	-2.5 to 2.5	Pass
				30	3.85	-7.195	-0.0102	-2.5 to 2.5	Pass
				40	3.85	-10.500	-0.0149	-2.5 to 2.5	Pass
				50	3.85	-2.704	-0.0038	-2.5 to 2.5	Pass
	710	25	0	20	3.27	-1.287	-0.0018	-2.5 to 2.5	Pass
					3.85	-3.476	-0.0049	-2.5 to 2.5	Pass
					4.43	-4.163	-0.0059	-2.5 to 2.5	Pass
				-30	3.85	-7.024	-0.0099	-2.5 to 2.5	Pass
				-20	3.85	-6.838	-0.0096	-2.5 to 2.5	Pass
				-10	3.85	-6.752	-0.0095	-2.5 to 2.5	Pass
				0	3.85	-8.569	-0.0121	-2.5 to 2.5	Pass
				10	3.85	-3.448	-0.0049	-2.5 to 2.5	Pass
				30	3.85	-7.482	-0.0105	-2.5 to 2.5	Pass
				40	3.85	-4.921	-0.0069	-2.5 to 2.5	Pass
				50	3.85	-6.194	-0.0087	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-8.626	-0.0121	-2.5 to 2.5	Pass
					3.85	-4.420	-0.0062	-2.5 to 2.5	Pass
					4.43	-6.137	-0.0086	-2.5 to 2.5	Pass
				-30	3.85	-7.524	-0.0105	-2.5 to 2.5	Pass
				-20	3.85	-4.048	-0.0057	-2.5 to 2.5	Pass
				-10	3.85	-6.909	-0.0097	-2.5 to 2.5	Pass
				0	3.85	-7.753	-0.0109	-2.5 to 2.5	Pass
				10	3.85	-6.037	-0.0085	-2.5 to 2.5	Pass
				30	3.85	-6.638	-0.0093	-2.5 to 2.5	Pass
				40	3.85	-10.285	-0.0144	-2.5 to 2.5	Pass
				50	3.85	-8.683	-0.0122	-2.5 to 2.5	Pass
16QAM	706.5	25	0	20	3.27	-7.524	-0.0106	-2.5 to 2.5	Pass
					3.85	-2.217	-0.0031	-2.5 to 2.5	Pass
					4.43	-8.698	-0.0123	-2.5 to 2.5	Pass
				-30	3.85	-7.796	-0.0110	-2.5 to 2.5	Pass
				-20	3.85	-3.476	-0.0049	-2.5 to 2.5	Pass
				-10	3.85	-5.221	-0.0074	-2.5 to 2.5	Pass
				0	3.85	-1.273	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-4.549	-0.0064	-2.5 to 2.5	Pass
				30	3.85	-3.276	-0.0046	-2.5 to 2.5	Pass
				40	3.85	-5.565	-0.0079	-2.5 to 2.5	Pass
				50	3.85	-4.878	-0.0069	-2.5 to 2.5	Pass

	710	25	0	20	3.27	-6.466	-0.0091	-2.5 to 2.5	Pass
					3.85	-4.106	-0.0058	-2.5 to 2.5	Pass
					4.43	-5.636	-0.0079	-2.5 to 2.5	Pass
				-30	3.85	-3.448	-0.0049	-2.5 to 2.5	Pass
				-20	3.85	-2.446	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-4.563	-0.0064	-2.5 to 2.5	Pass
				0	3.85	-5.507	-0.0078	-2.5 to 2.5	Pass
				10	3.85	-2.403	-0.0034	-2.5 to 2.5	Pass
				30	3.85	-2.947	-0.0042	-2.5 to 2.5	Pass
				40	3.85	-2.875	-0.0040	-2.5 to 2.5	Pass
				50	3.85	-3.834	-0.0054	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-5.436	-0.0076	-2.5 to 2.5	Pass
					3.85	-5.765	-0.0081	-2.5 to 2.5	Pass
					4.43	-2.189	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-11.401	-0.0160	-2.5 to 2.5	Pass
				-20	3.85	-7.467	-0.0105	-2.5 to 2.5	Pass
				-10	3.85	-7.167	-0.0100	-2.5 to 2.5	Pass
				0	3.85	-7.639	-0.0107	-2.5 to 2.5	Pass
				10	3.85	-6.952	-0.0097	-2.5 to 2.5	Pass
				30	3.85	-8.240	-0.0115	-2.5 to 2.5	Pass
				40	3.85	-8.326	-0.0117	-2.5 to 2.5	Pass
				50	3.85	-7.281	-0.0102	-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	-9.871	-0.0139	-2.5 to 2.5	Pass
					3.85	-6.394	-0.0090	-2.5 to 2.5	Pass
					4.43	-5.250	-0.0074	-2.5 to 2.5	Pass
				-30	3.85	-5.465	-0.0077	-2.5 to 2.5	Pass
				-20	3.85	-5.636	-0.0079	-2.5 to 2.5	Pass
				-10	3.85	-5.693	-0.0080	-2.5 to 2.5	Pass
				0	3.85	-6.795	-0.0096	-2.5 to 2.5	Pass
				10	3.85	-4.735	-0.0067	-2.5 to 2.5	Pass
				30	3.85	-5.035	-0.0071	-2.5 to 2.5	Pass
				40	3.85	-6.680	-0.0094	-2.5 to 2.5	Pass
				50	3.85	-5.322	-0.0075	-2.5 to 2.5	Pass
	710	50	0	20	3.27	-3.204	-0.0045	-2.5 to 2.5	Pass
					3.85	-5.522	-0.0078	-2.5 to 2.5	Pass
					4.43	-7.267	-0.0102	-2.5 to 2.5	Pass
				-30	3.85	-6.723	-0.0095	-2.5 to 2.5	Pass
				-20	3.85	-7.296	-0.0103	-2.5 to 2.5	Pass
				-10	3.85	-5.164	-0.0073	-2.5 to 2.5	Pass
				0	3.85	-4.621	-0.0065	-2.5 to 2.5	Pass
				10	3.85	-6.795	-0.0096	-2.5 to 2.5	Pass
				30	3.85	-7.596	-0.0107	-2.5 to 2.5	Pass
				40	3.85	-7.310	-0.0103	-2.5 to 2.5	Pass
				50	3.85	-5.679	-0.0080	-2.5 to 2.5	Pass

	711	50	0	20	3.27	-6.065	-0.0085	-2.5 to 2.5	Pass
					3.85	-9.742	-0.0137	-2.5 to 2.5	Pass
					4.43	-8.068	-0.0113	-2.5 to 2.5	Pass
				-30	3.85	-5.565	-0.0078	-2.5 to 2.5	Pass
				-20	3.85	-2.518	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-6.452	-0.0091	-2.5 to 2.5	Pass
				0	3.85	-6.967	-0.0098	-2.5 to 2.5	Pass
				10	3.85	-7.067	-0.0099	-2.5 to 2.5	Pass
				30	3.85	-4.592	-0.0065	-2.5 to 2.5	Pass
				40	3.85	-6.666	-0.0094	-2.5 to 2.5	Pass
				50	3.85	-6.580	-0.0093	-2.5 to 2.5	Pass
16QAM	709	50	0	20	3.27	-9.542	-0.0135	-2.5 to 2.5	Pass
					3.85	-8.454	-0.0119	-2.5 to 2.5	Pass
					4.43	-4.849	-0.0068	-2.5 to 2.5	Pass
				-30	3.85	-4.678	-0.0066	-2.5 to 2.5	Pass
				-20	3.85	-5.050	-0.0071	-2.5 to 2.5	Pass
				-10	3.85	-7.668	-0.0108	-2.5 to 2.5	Pass
				0	3.85	-3.119	-0.0044	-2.5 to 2.5	Pass
				10	3.85	-4.134	-0.0058	-2.5 to 2.5	Pass
				30	3.85	-6.423	-0.0091	-2.5 to 2.5	Pass
				40	3.85	-8.383	-0.0118	-2.5 to 2.5	Pass
				50	3.85	-10.886	-0.0154	-2.5 to 2.5	Pass
	710	50	0	20	3.27	-7.110	-0.0100	-2.5 to 2.5	Pass
					3.85	-6.752	-0.0095	-2.5 to 2.5	Pass
					4.43	-6.380	-0.0090	-2.5 to 2.5	Pass
				-30	3.85	-7.567	-0.0107	-2.5 to 2.5	Pass
				-20	3.85	-6.738	-0.0095	-2.5 to 2.5	Pass
				-10	3.85	-1.945	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-6.723	-0.0095	-2.5 to 2.5	Pass
				10	3.85	-4.020	-0.0057	-2.5 to 2.5	Pass
				30	3.85	-7.739	-0.0109	-2.5 to 2.5	Pass
				40	3.85	-7.024	-0.0099	-2.5 to 2.5	Pass
				50	3.85	-6.423	-0.0090	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-6.123	-0.0086	-2.5 to 2.5	Pass
					3.85	-7.238	-0.0102	-2.5 to 2.5	Pass
					4.43	-7.367	-0.0104	-2.5 to 2.5	Pass
				-30	3.85	-5.693	-0.0080	-2.5 to 2.5	Pass
				-20	3.85	-4.306	-0.0061	-2.5 to 2.5	Pass
				-10	3.85	-4.907	-0.0069	-2.5 to 2.5	Pass
				0	3.85	-3.948	-0.0056	-2.5 to 2.5	Pass
				10	3.85	-5.951	-0.0084	-2.5 to 2.5	Pass
				30	3.85	-5.951	-0.0084	-2.5 to 2.5	Pass
				40	3.85	-6.051	-0.0085	-2.5 to 2.5	Pass
				50	3.85	-3.963	-0.0056	-2.5 to 2.5	Pass

3. Modulation Characteristics

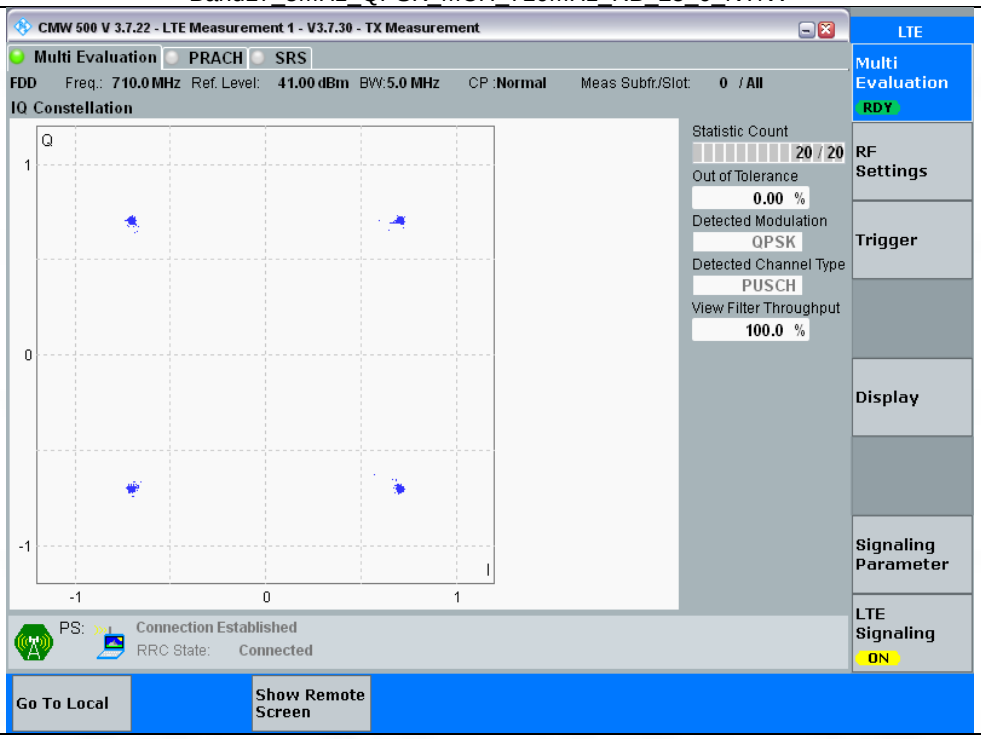
3.1 B17_5MHz

3.1.1 Test Result

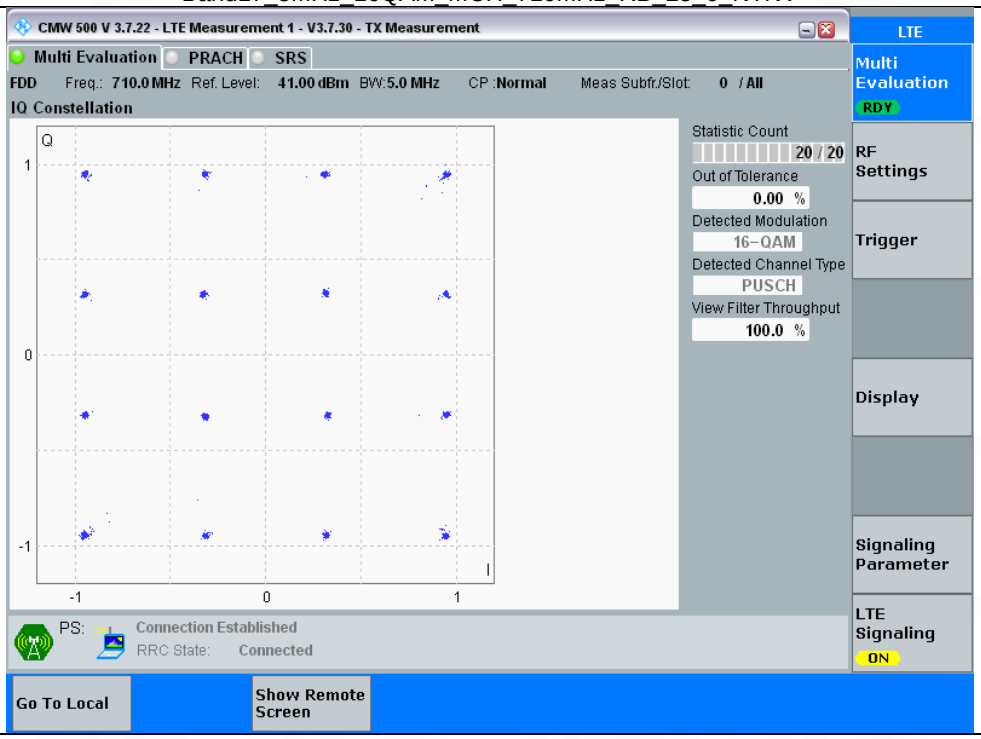
Band: 17 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	710	25	0	Refer To Test Graph		Pass
16QAM	710	25	0	Refer To Test Graph		Pass

3.1.2 Test Graph

Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



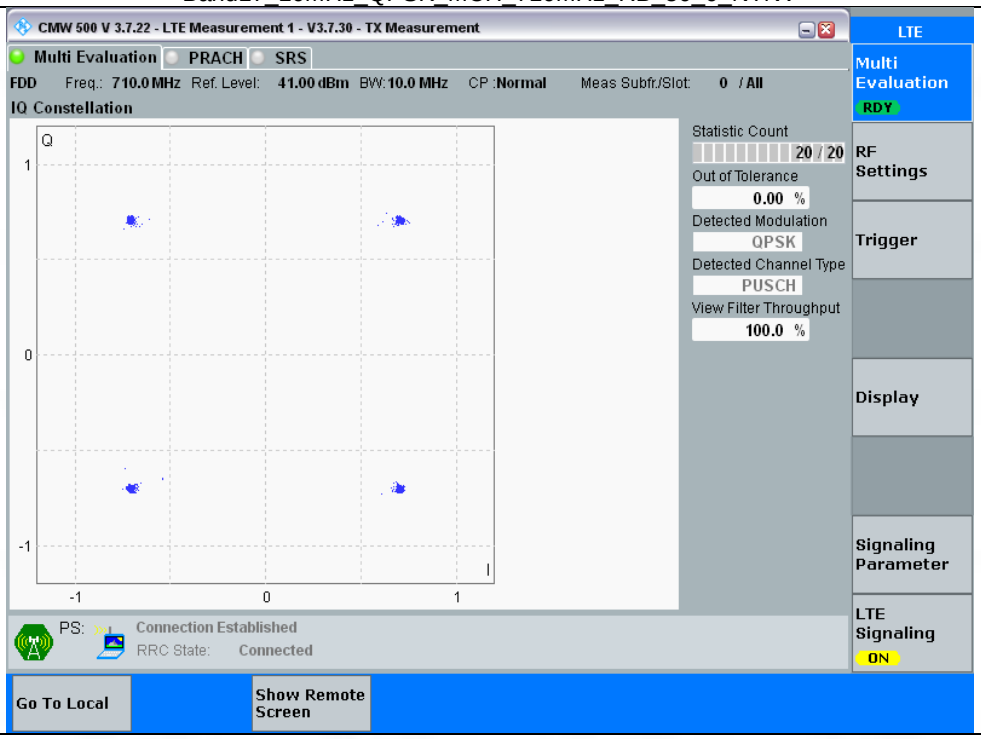
3.2 B17_10MHz

3.2.1 Test Result

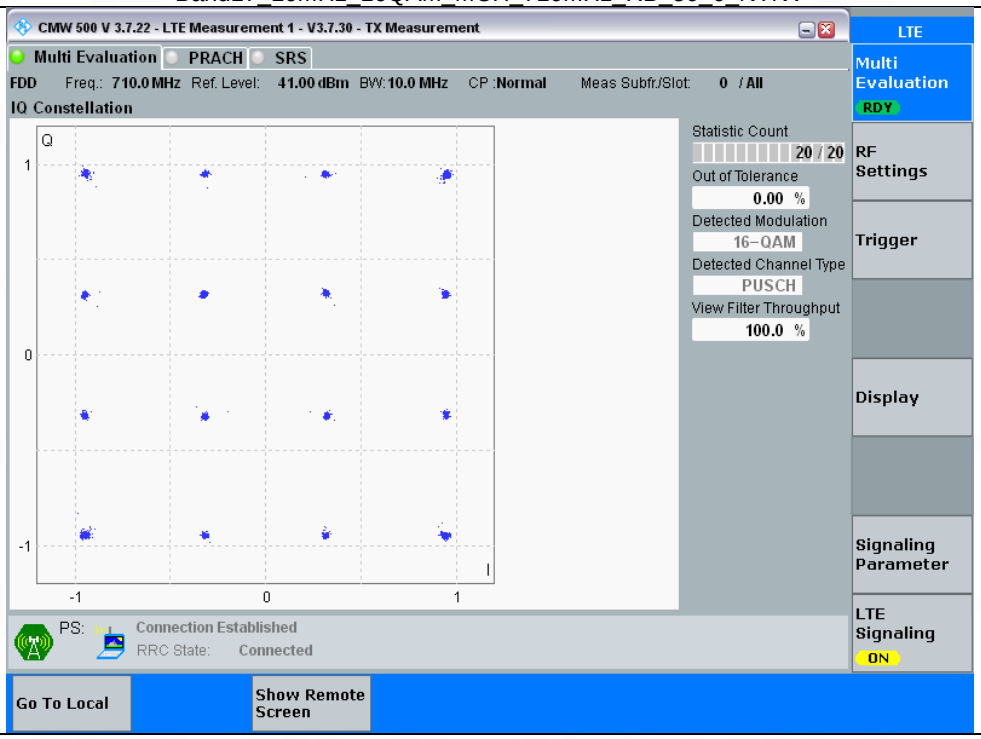
Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	710	50	0	Refer To Test Graph		Pass
16QAM	710	50	0	Refer To Test Graph		Pass

3.2.2 Test Graph

Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



4. 99% & 26dB Bandwidth

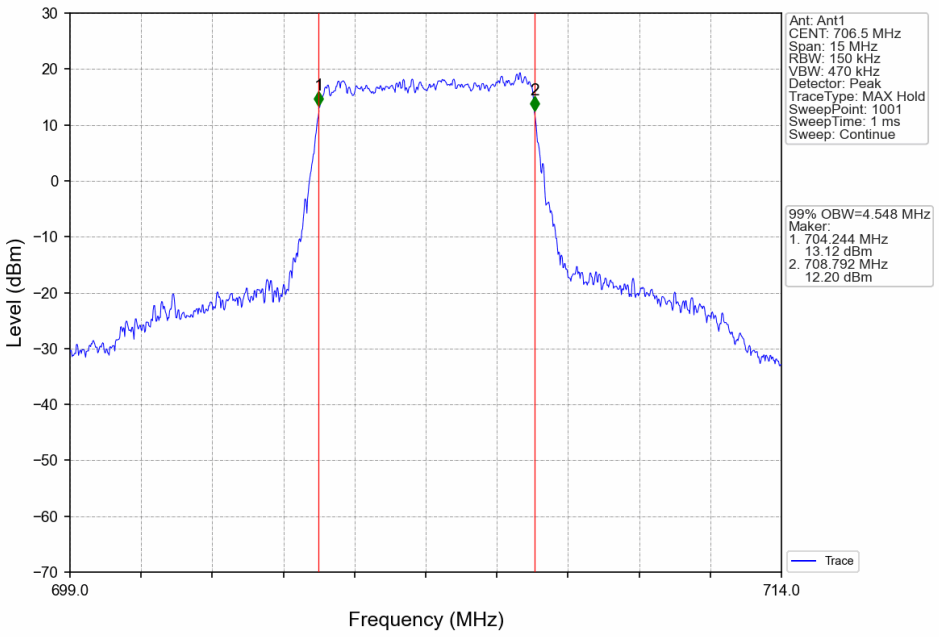
4.1 Band17_OBW

4.1.1 Test Result

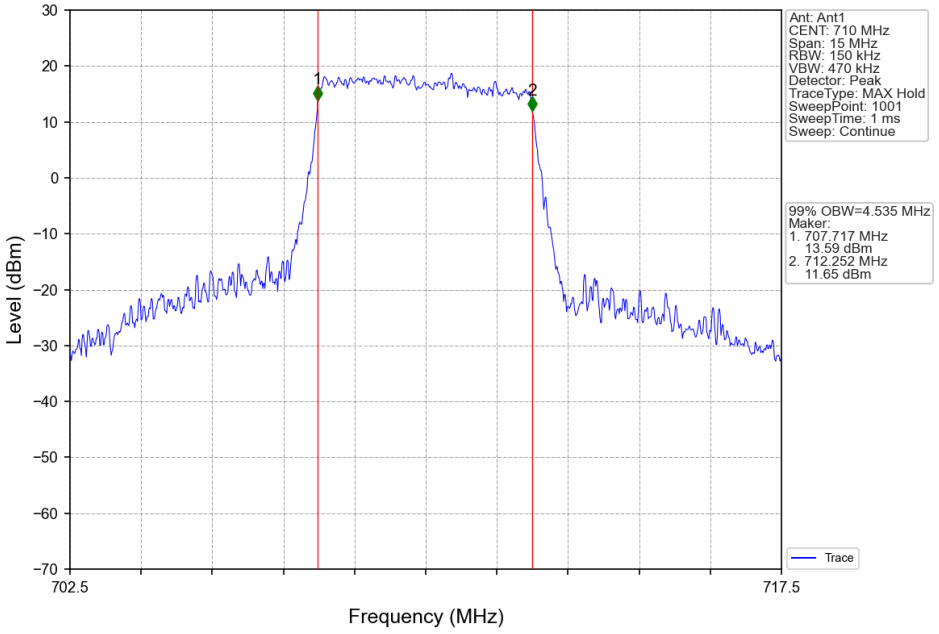
Band: 17 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	706.5	25	0	4.548	Pass
		710	25	0	4.535	Pass
		713.5	25	0	4.618	Pass
	16QAM	706.5	25	0	4.586	Pass
		710	25	0	4.547	Pass
		713.5	25	0	4.566	Pass
10	QPSK	709	50	0	9.017	Pass
		710	50	0	9.022	Pass
		711	50	0	9.064	Pass
	16QAM	709	50	0	9.011	Pass
		710	50	0	9.016	Pass
		711	50	0	9.088	Pass

4.1.2 Test Graph

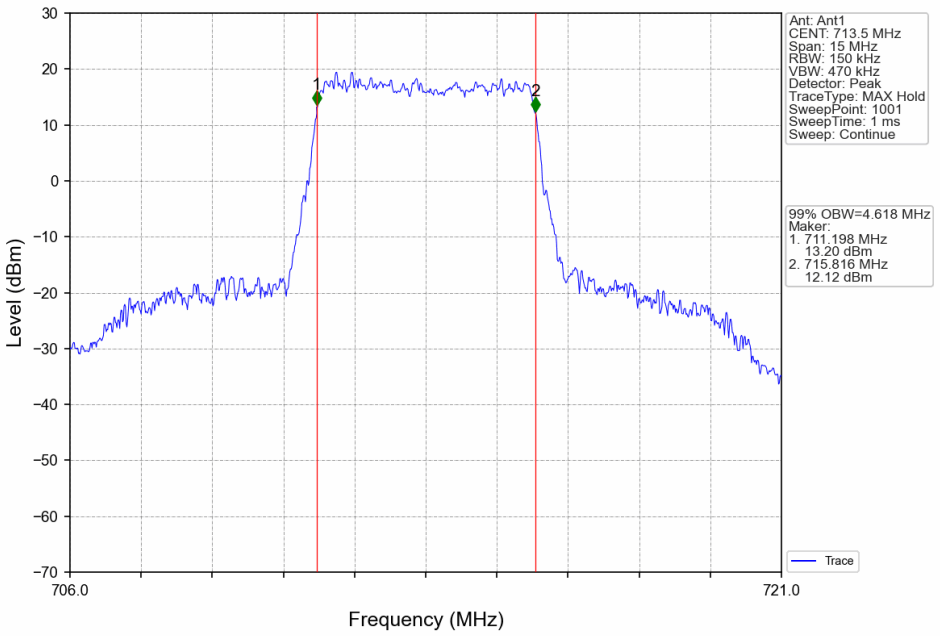
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



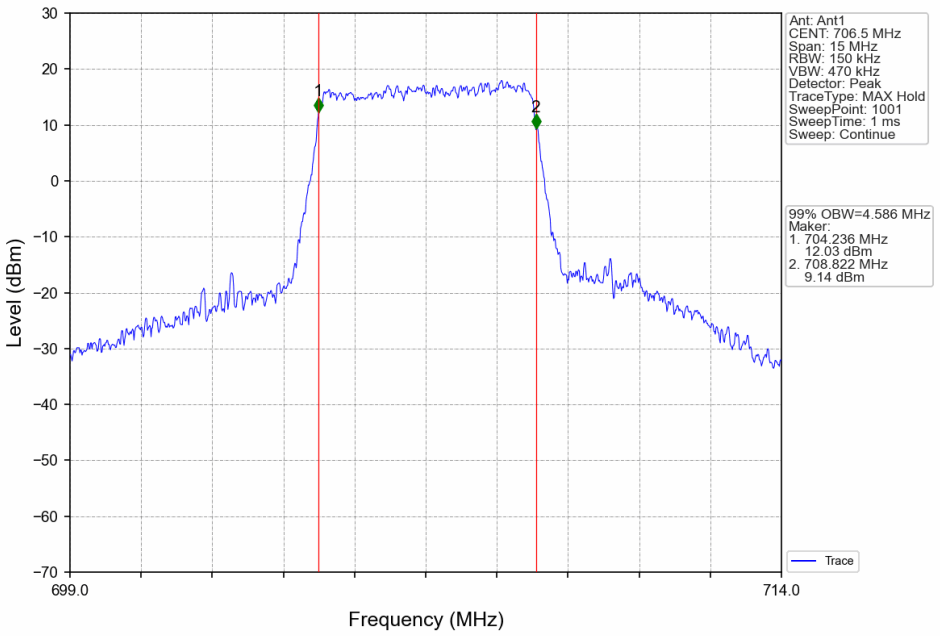
Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



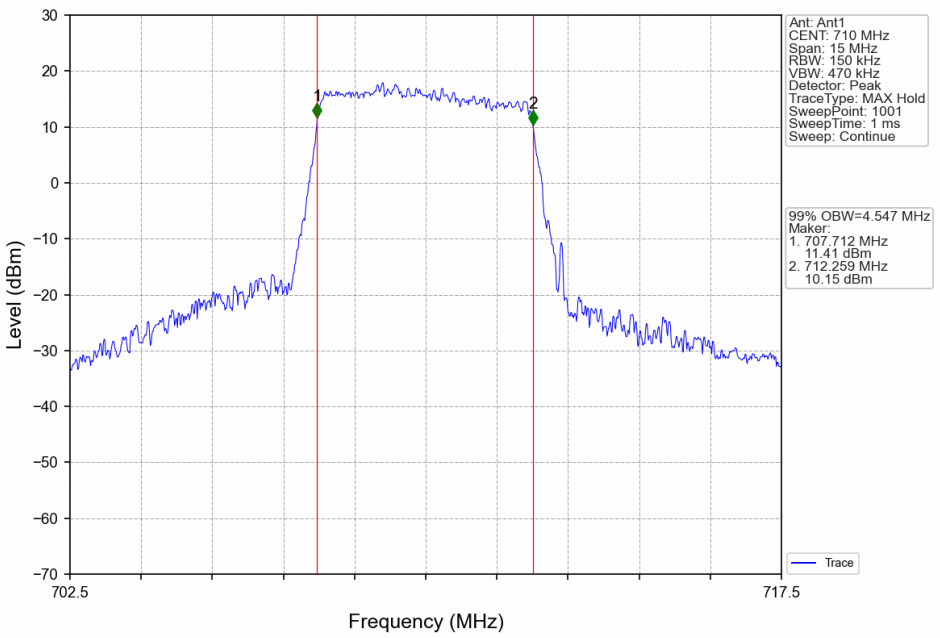
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



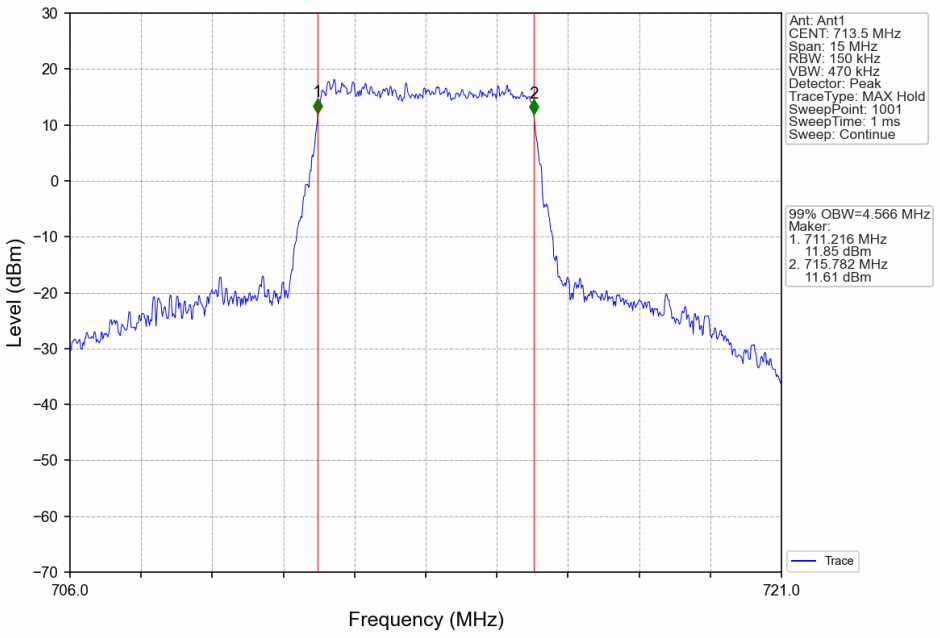
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



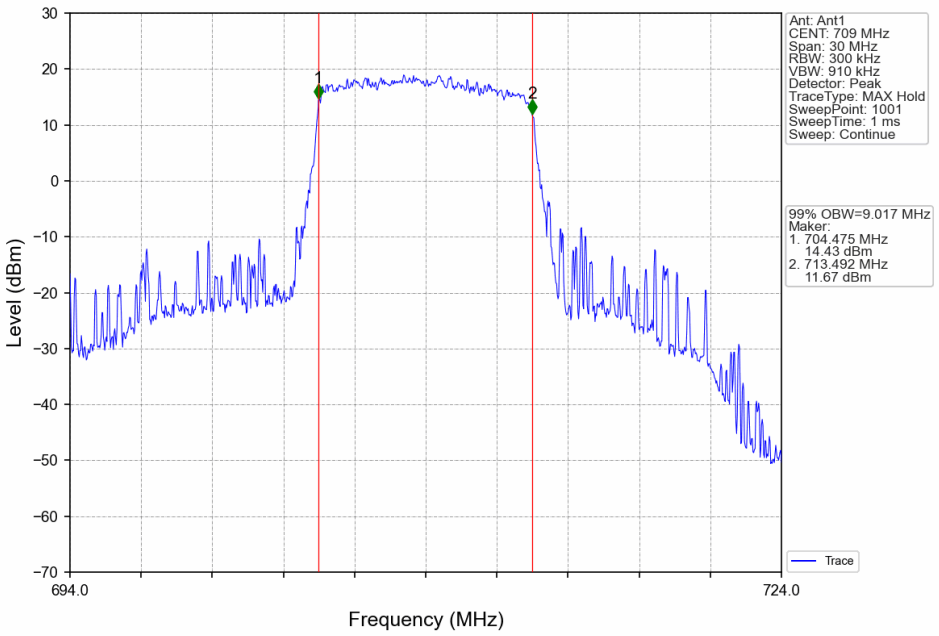
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



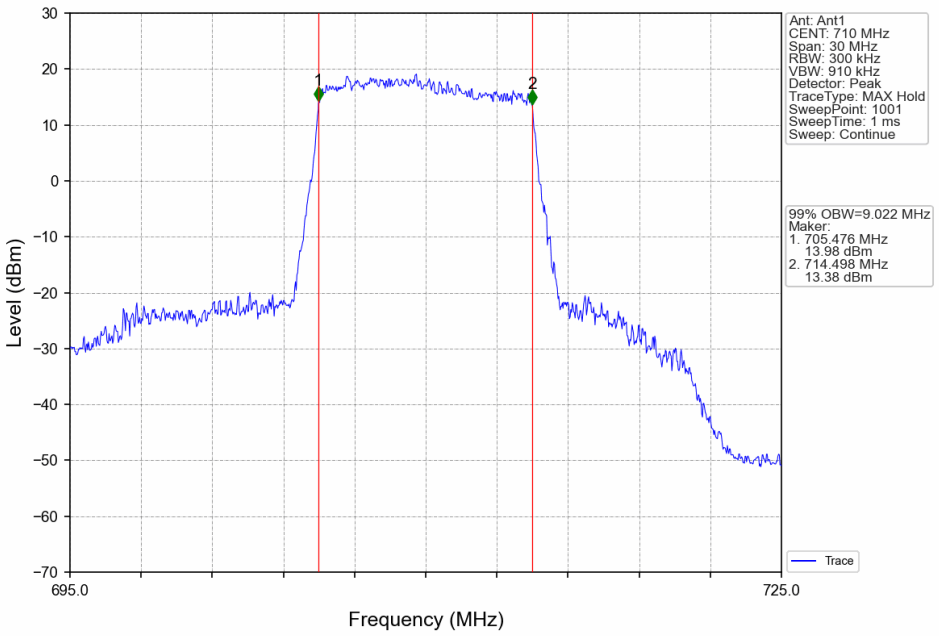
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



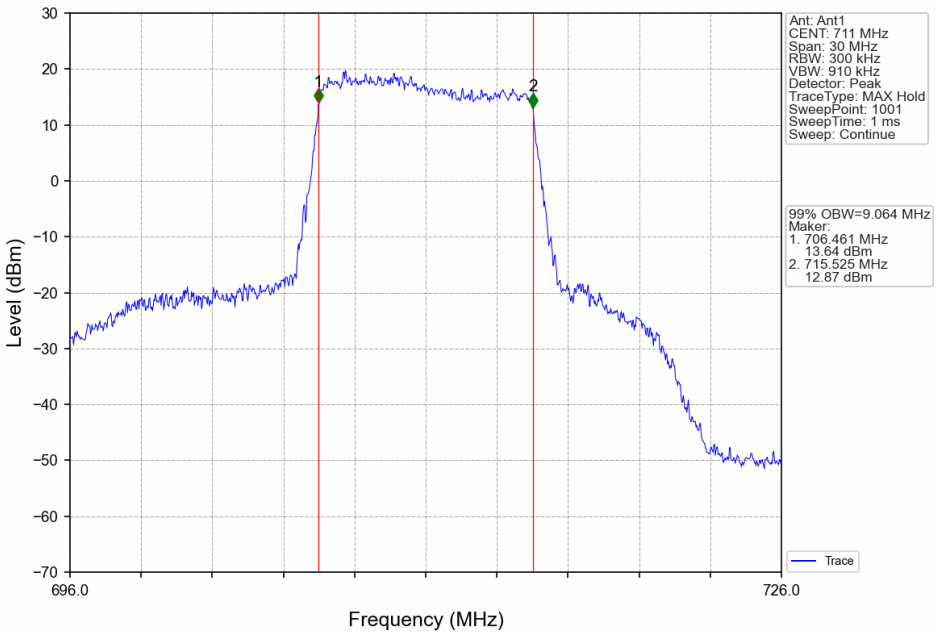
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



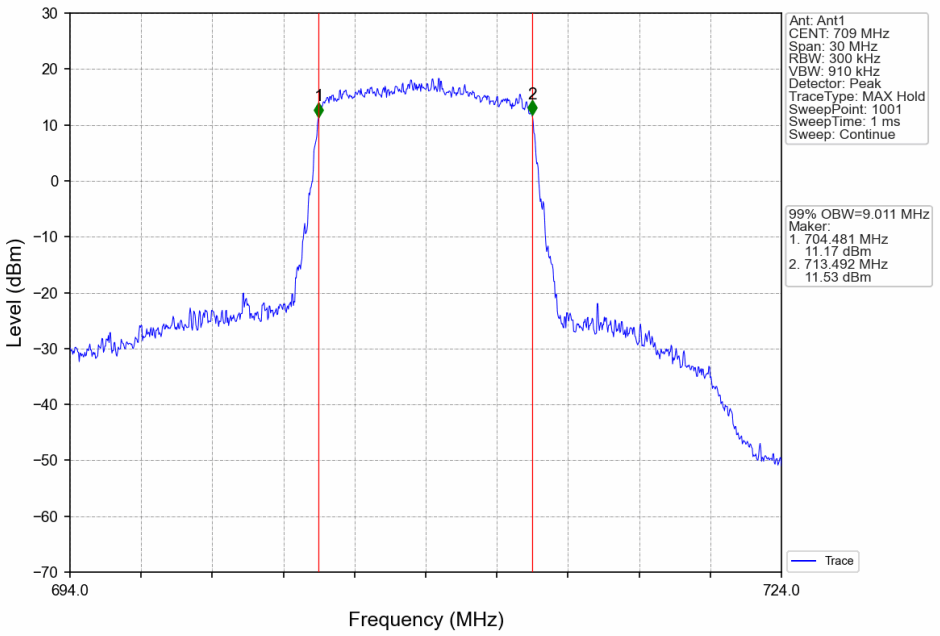
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



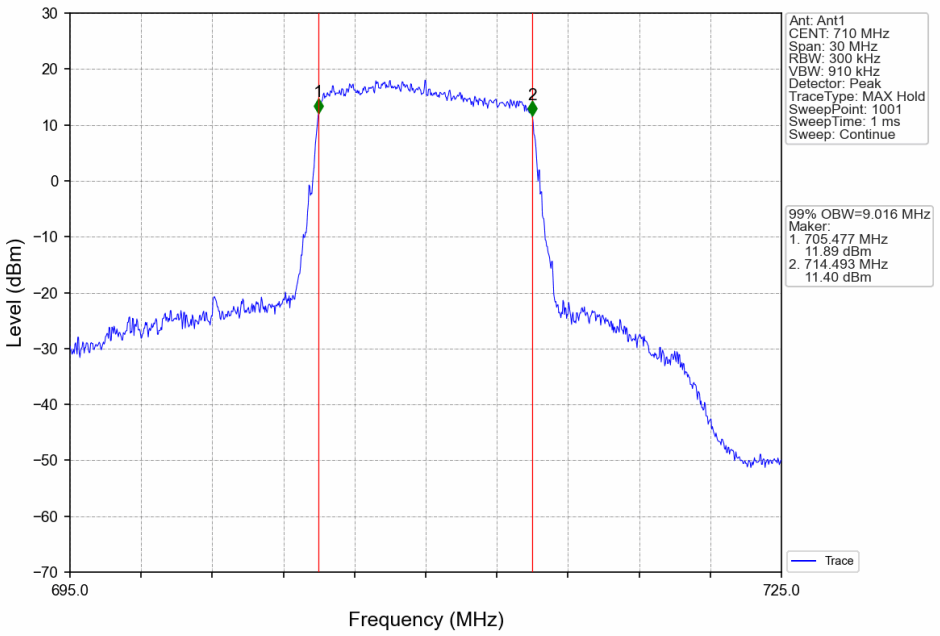
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



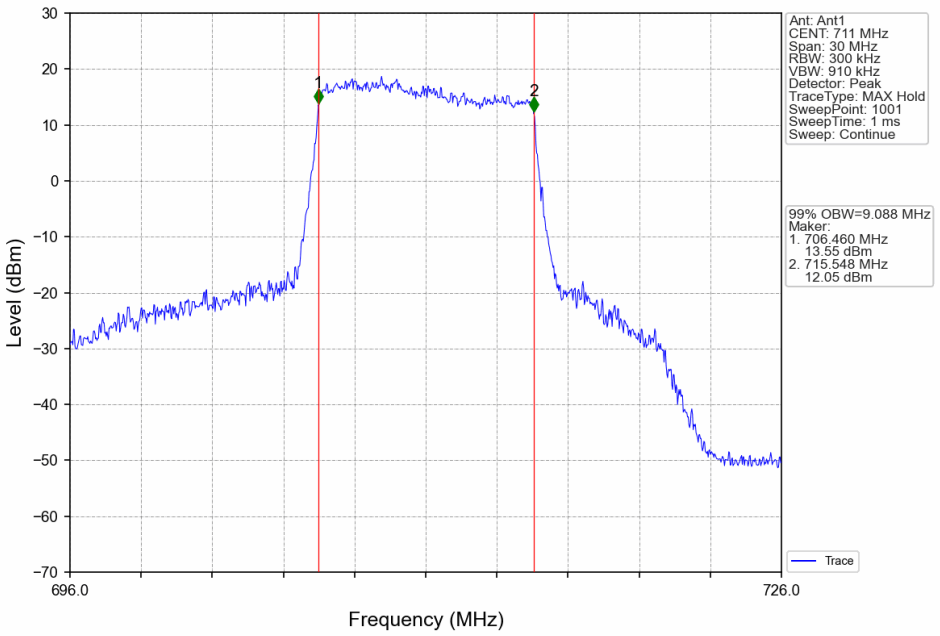
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



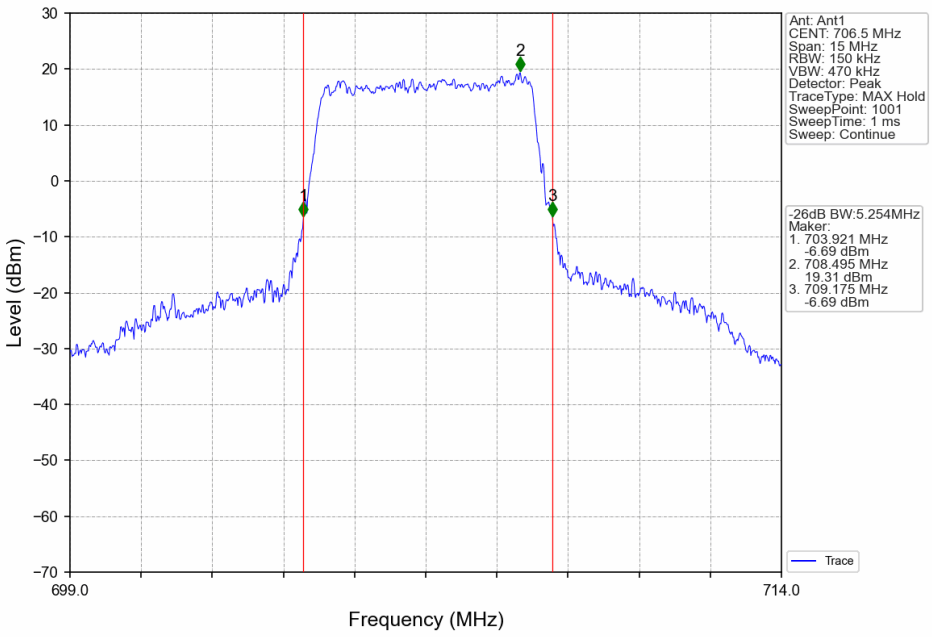
4.2 Band17_XDB

4.2.1 Test Result

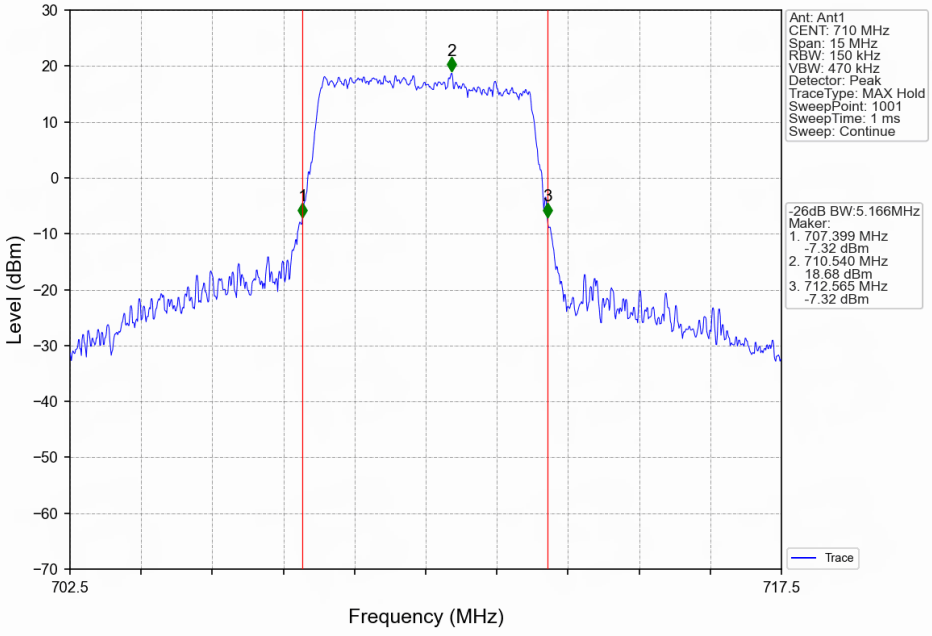
Band: 17 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	706.5	25	0	5.254	Pass
		710	25	0	5.166	Pass
		713.5	25	0	5.269	Pass
	16QAM	706.5	25	0	5.258	Pass
		710	25	0	5.229	Pass
		713.5	25	0	5.310	Pass
10	QPSK	709	50	0	10.353	Pass
		710	50	0	10.199	Pass
		711	50	0	10.268	Pass
	16QAM	709	50	0	10.127	Pass
		710	50	0	10.013	Pass
		711	50	0	10.127	Pass

4.2.2 Test Graph

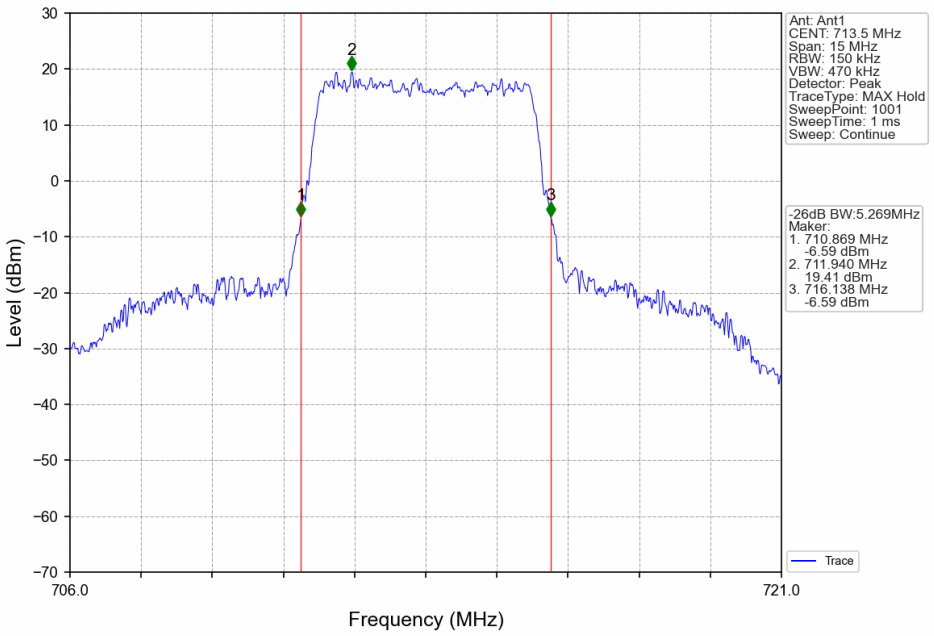
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



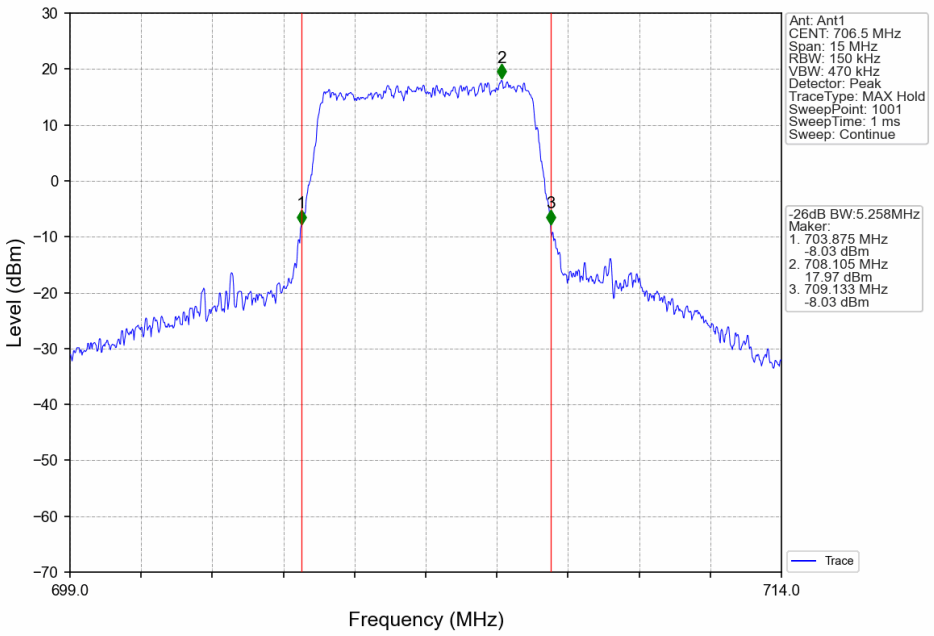
Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



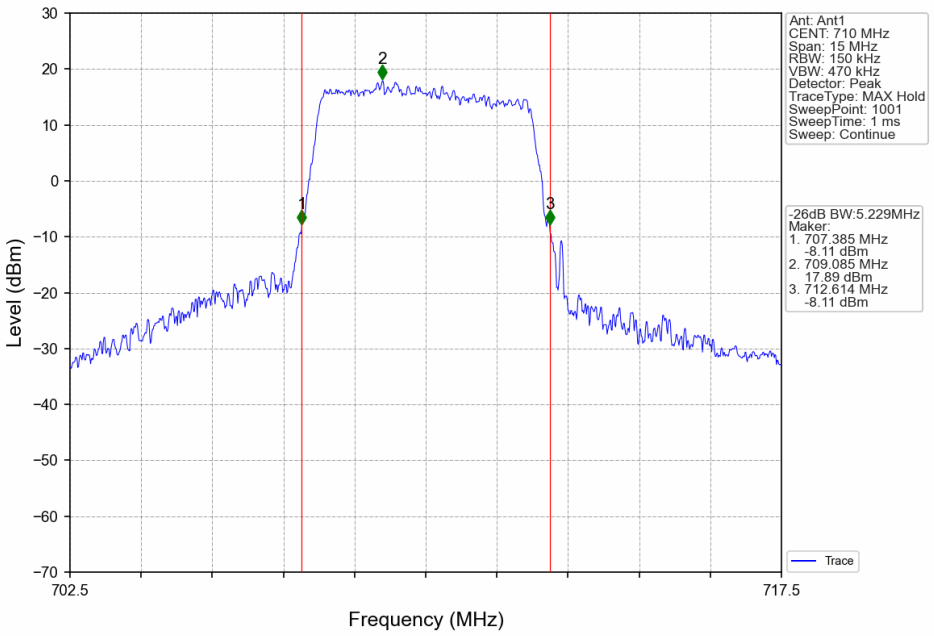
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



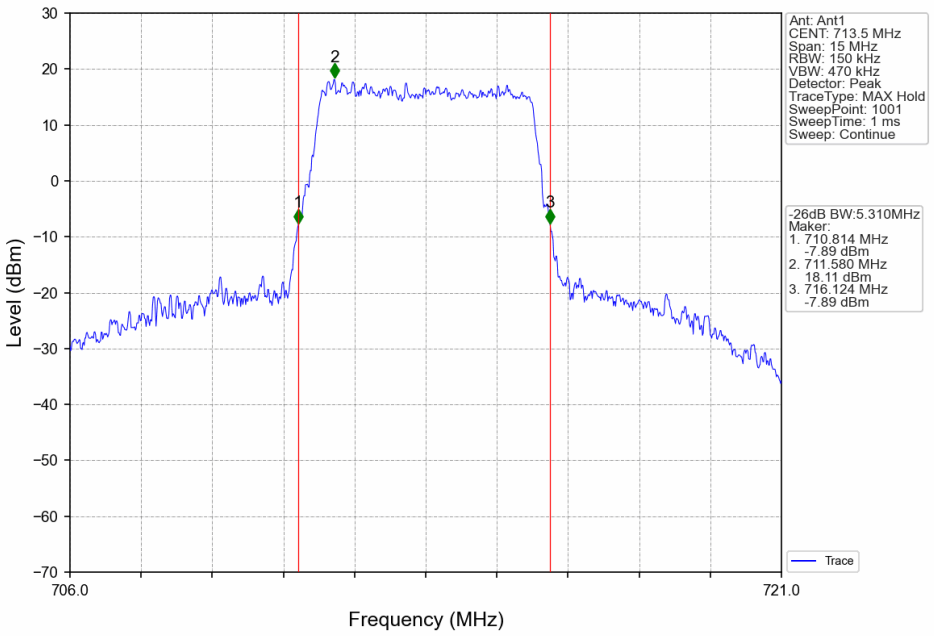
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



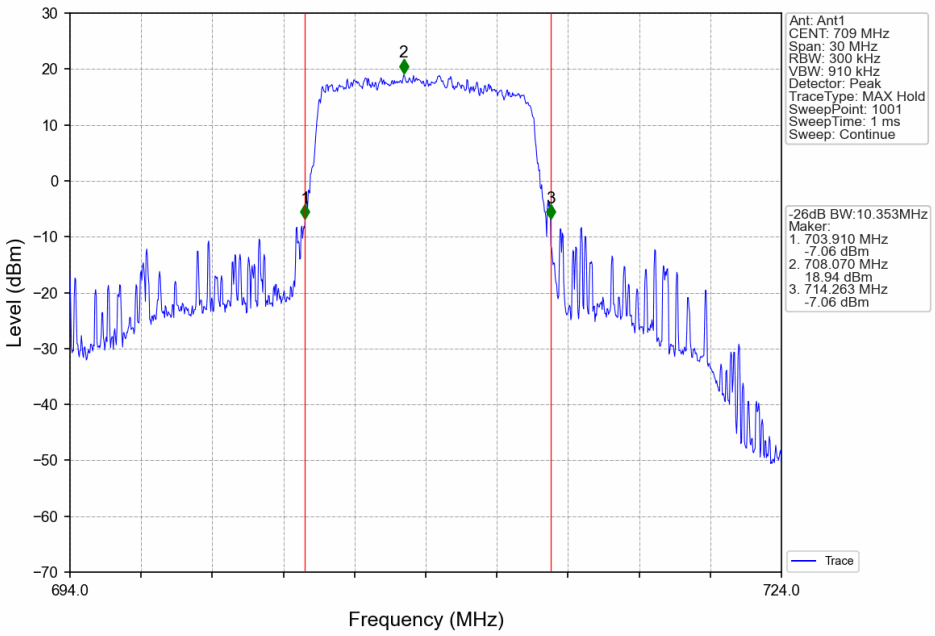
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



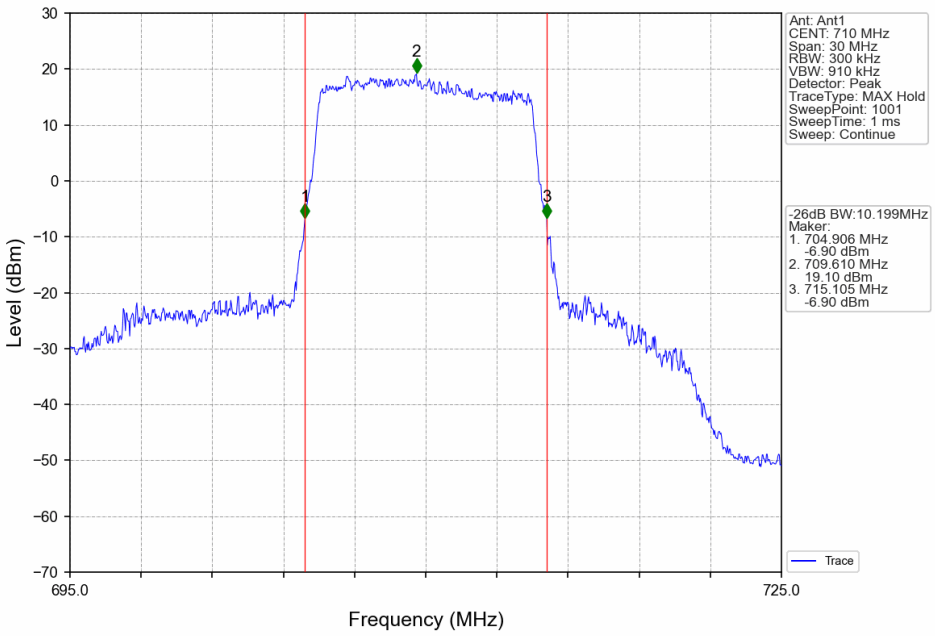
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



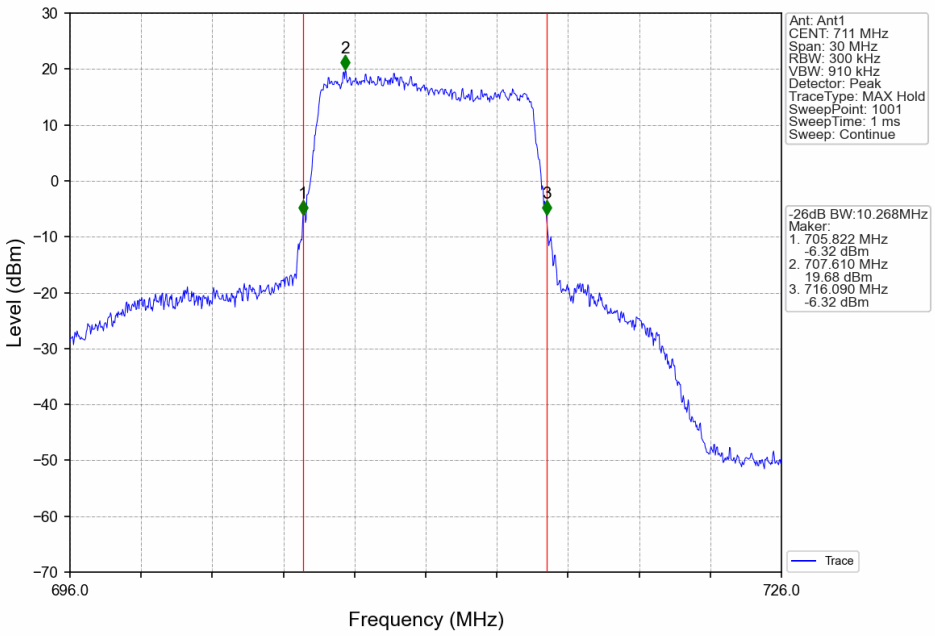
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



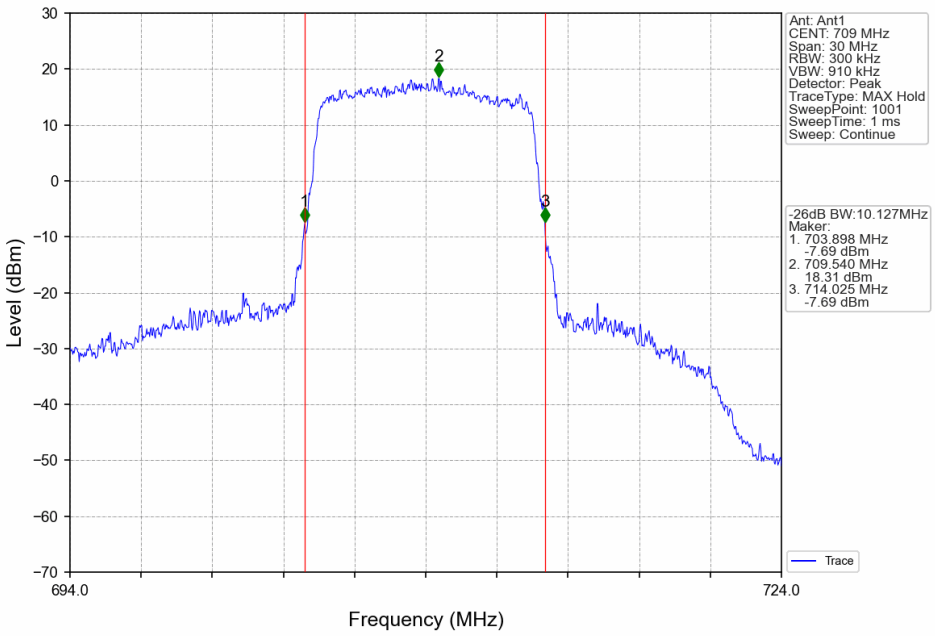
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



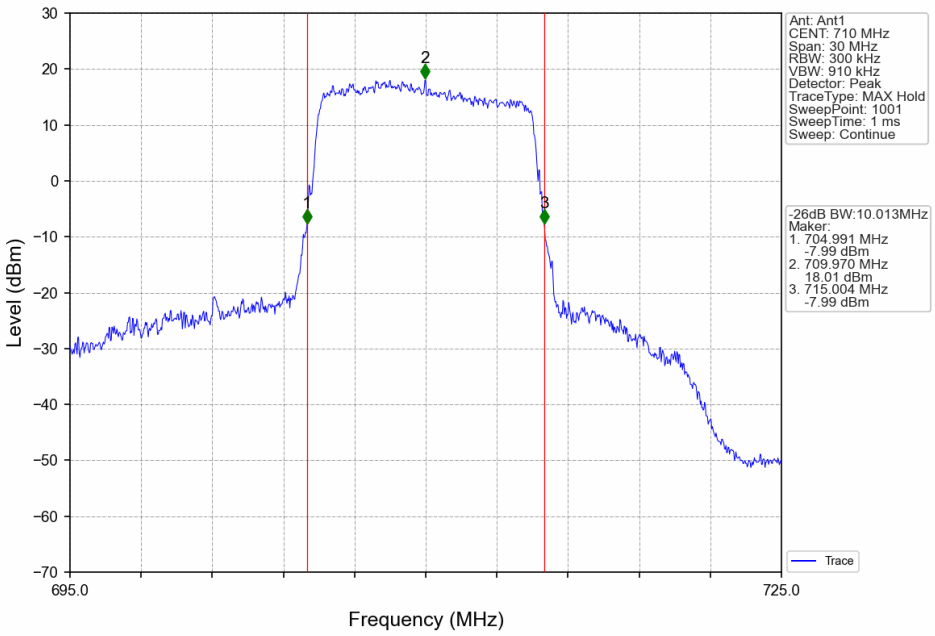
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



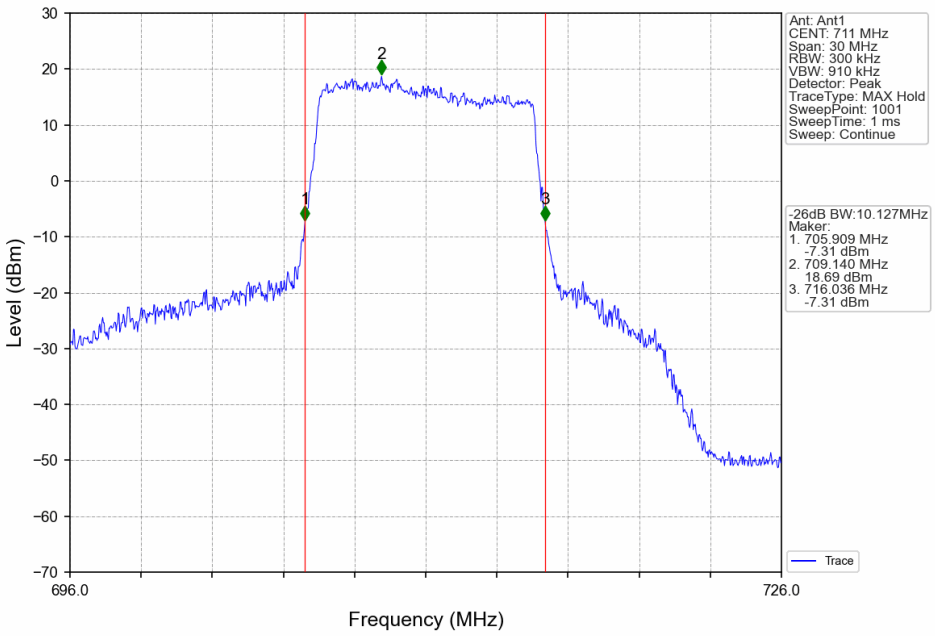
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



5. Peak-Average Ratio

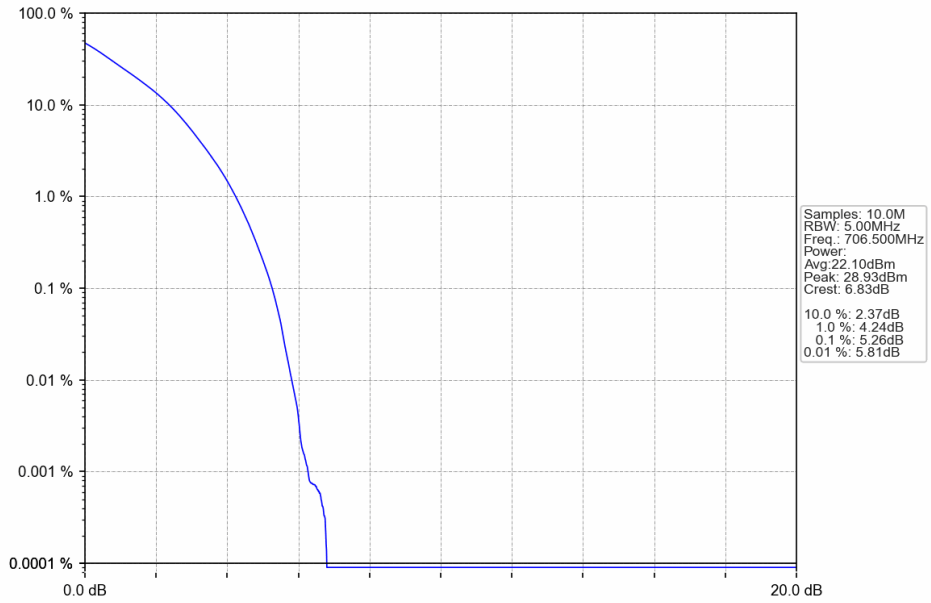
5.1 B17_5MHz

5.1.1 Test Result

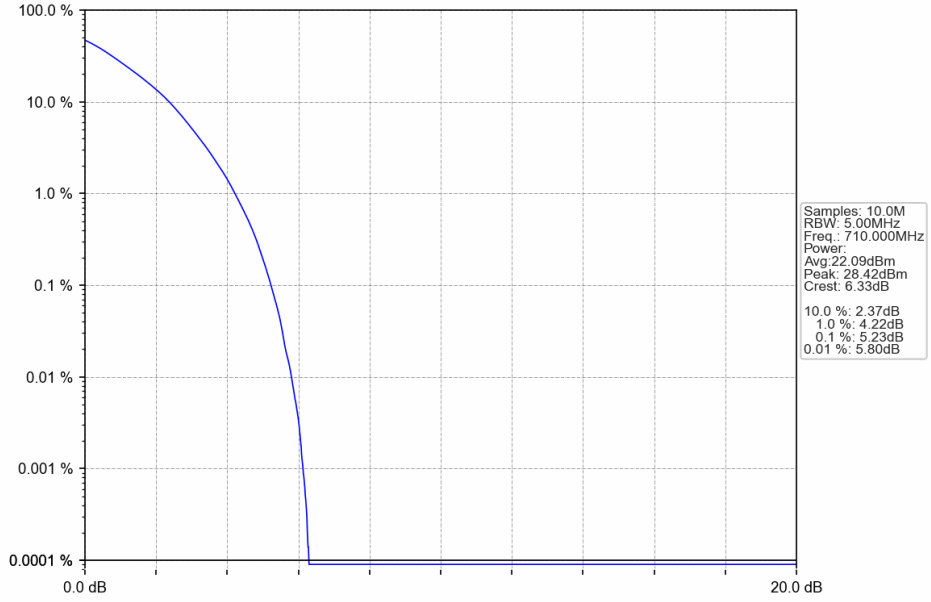
Band: 17 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	706.5	25	0	5.26	<=13	Pass
	710	25	0	5.23	<=13	Pass
	713.5	25	0	5.41	<=13	Pass
16QAM	706.5	25	0	5.97	<=13	Pass
	710	25	0	5.94	<=13	Pass
	713.5	25	0	6.15	<=13	Pass

5.1.2 Test Graph

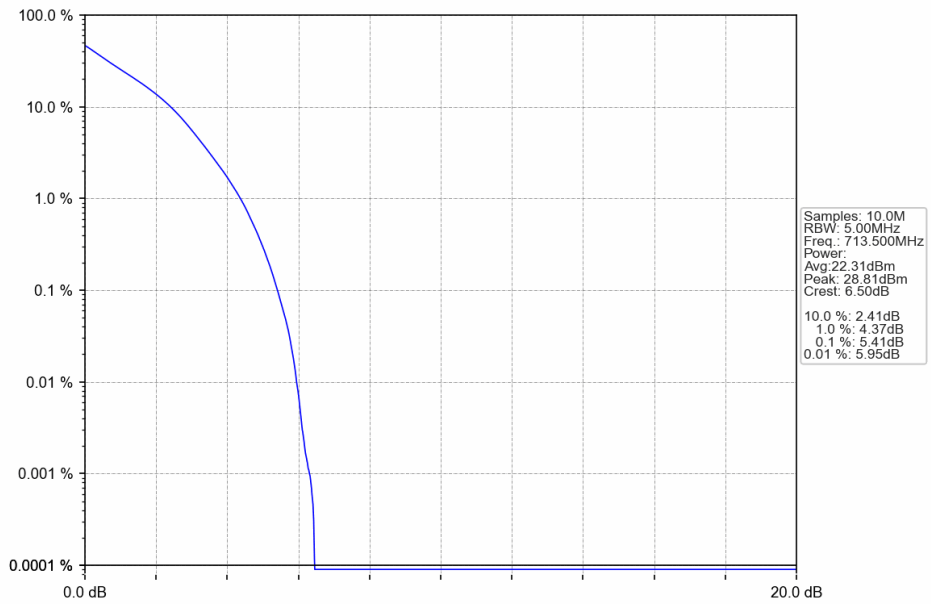
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



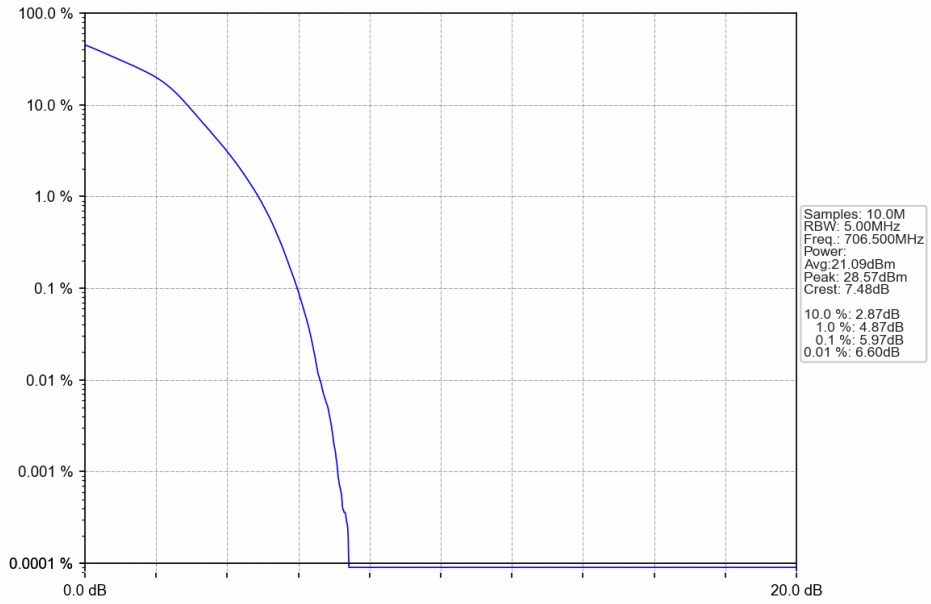
Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



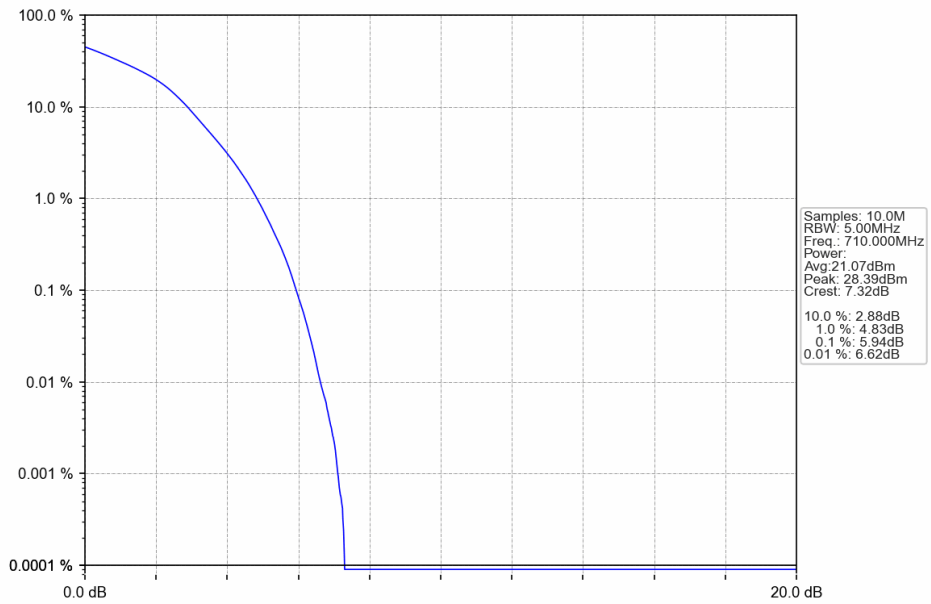
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



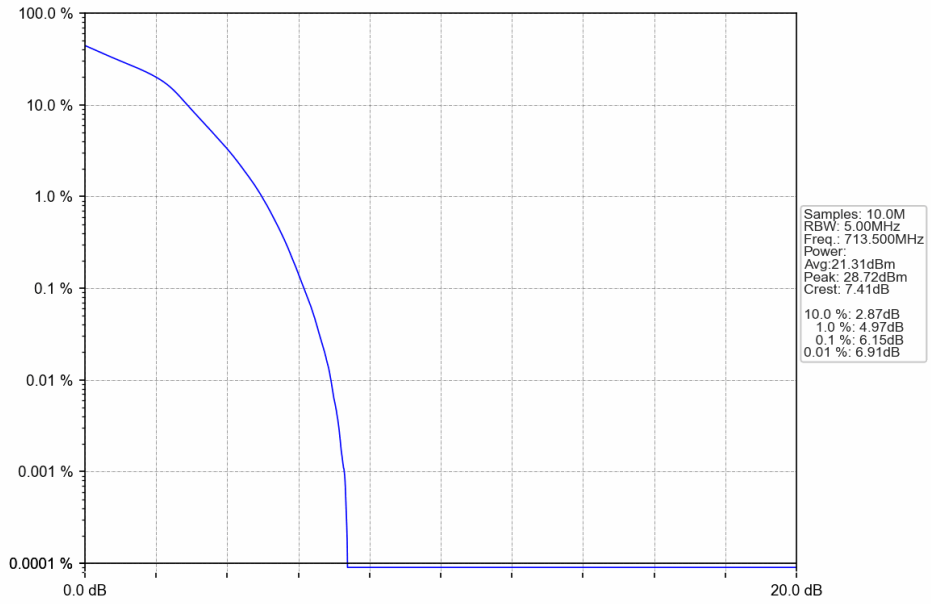
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



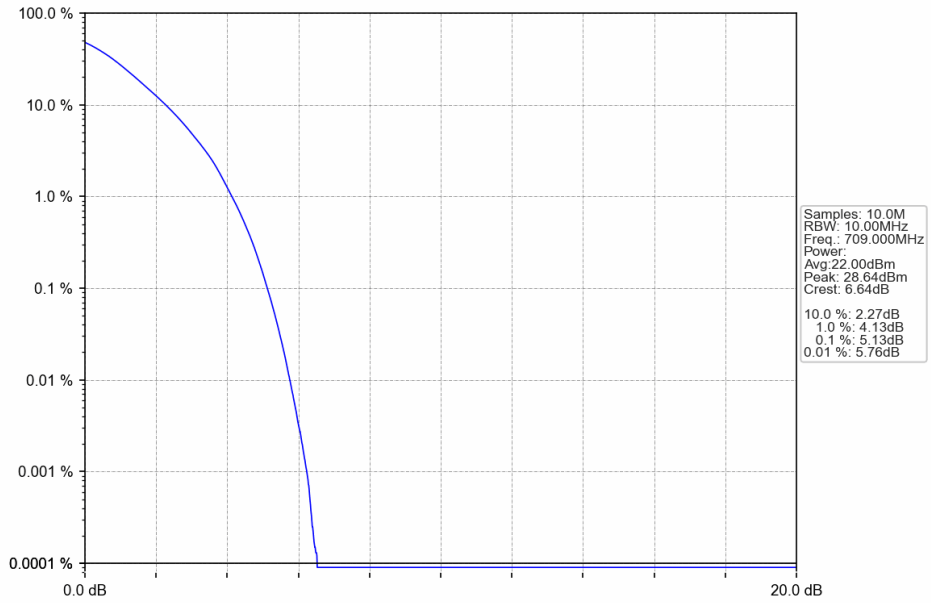
5.2 B17_10MHz

5.2.1 Test Result

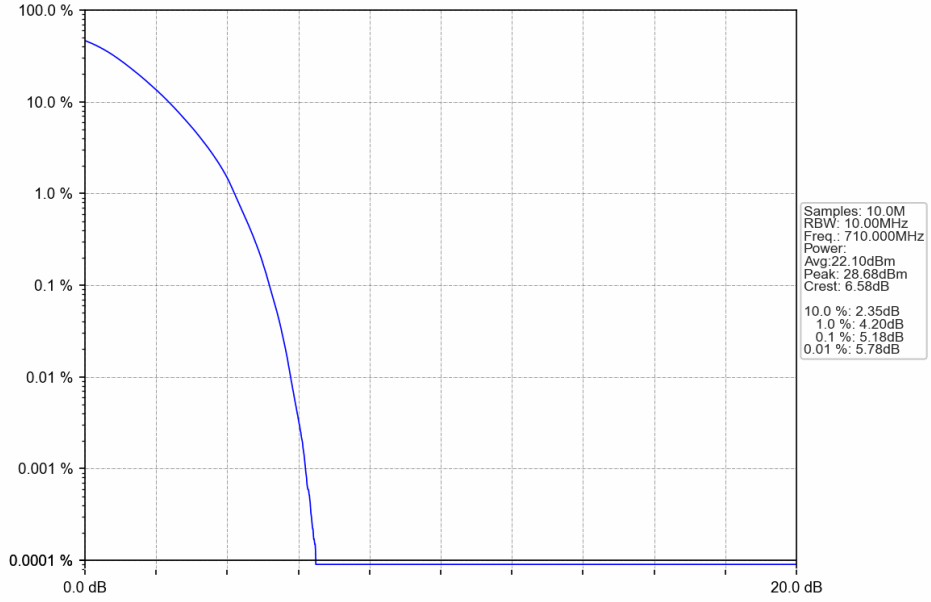
Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	709	50	0	5.13	<=13	Pass
	710	50	0	5.18	<=13	Pass
	711	50	0	5.23	<=13	Pass
16QAM	709	50	0	6.02	<=13	Pass
	710	50	0	6.03	<=13	Pass
	711	50	0	6.00	<=13	Pass

5.2.2 Test Graph

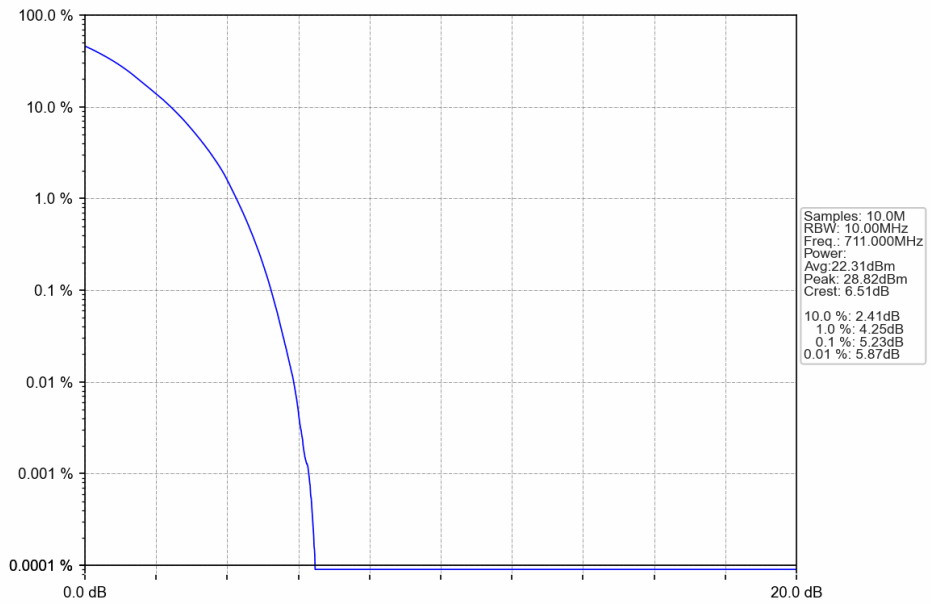
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



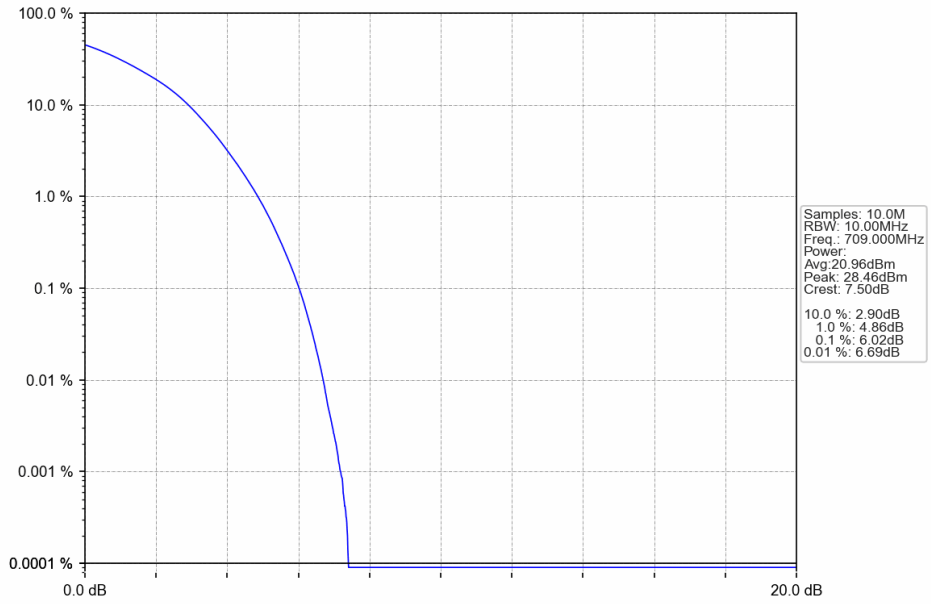
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



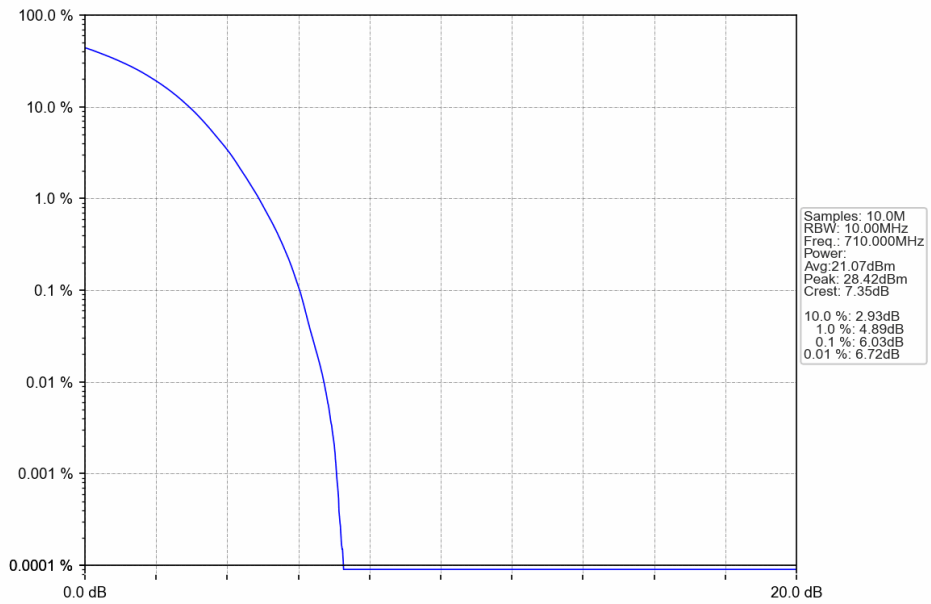
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



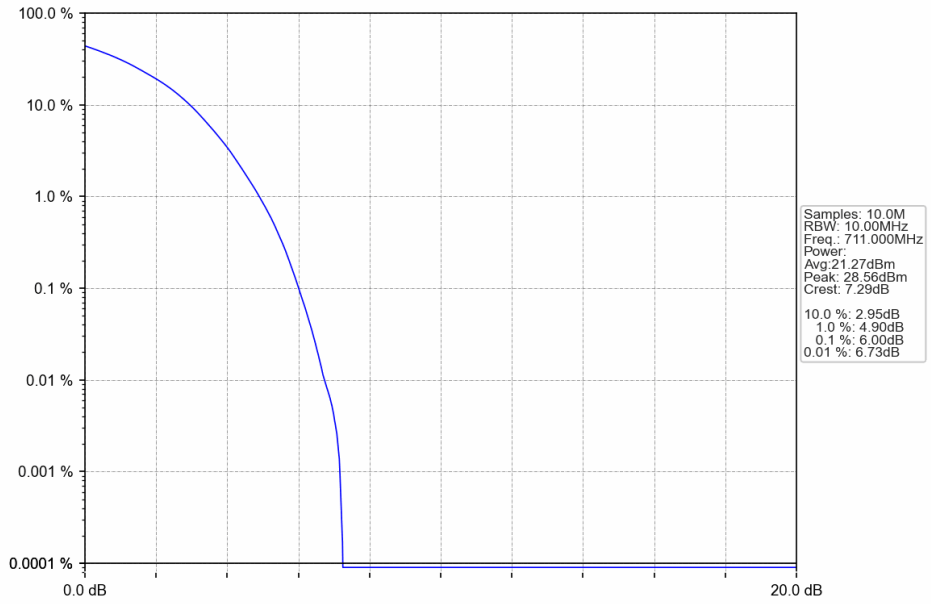
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



6. Spurious Emission

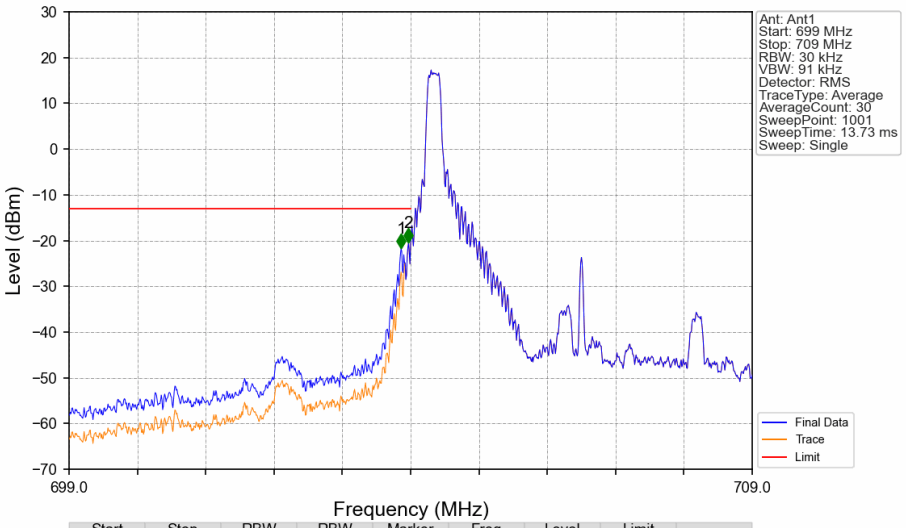
6.1 B17_5MHz

6.1.1 Test Result

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

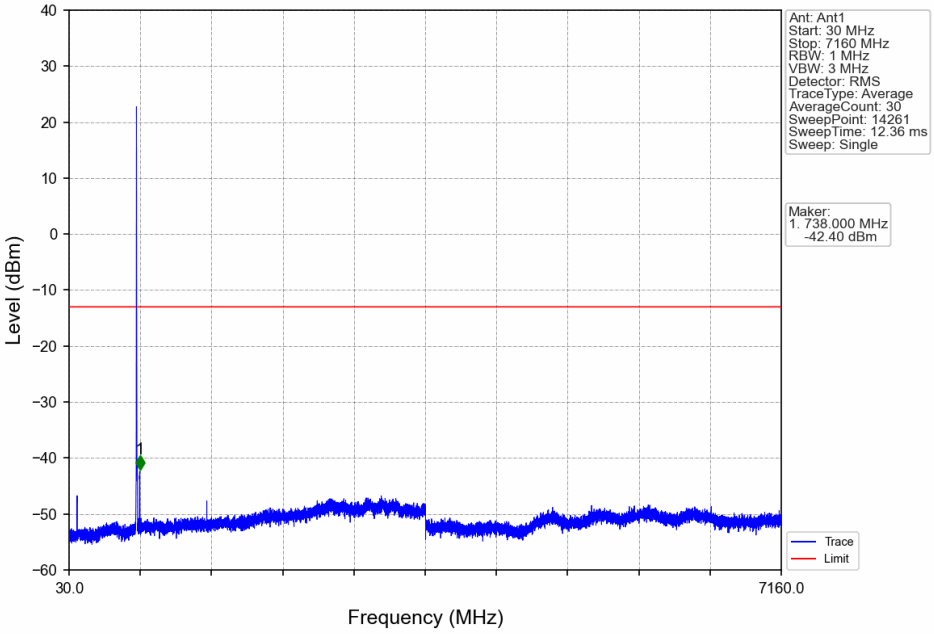
6.1.2 Test Graph

Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV

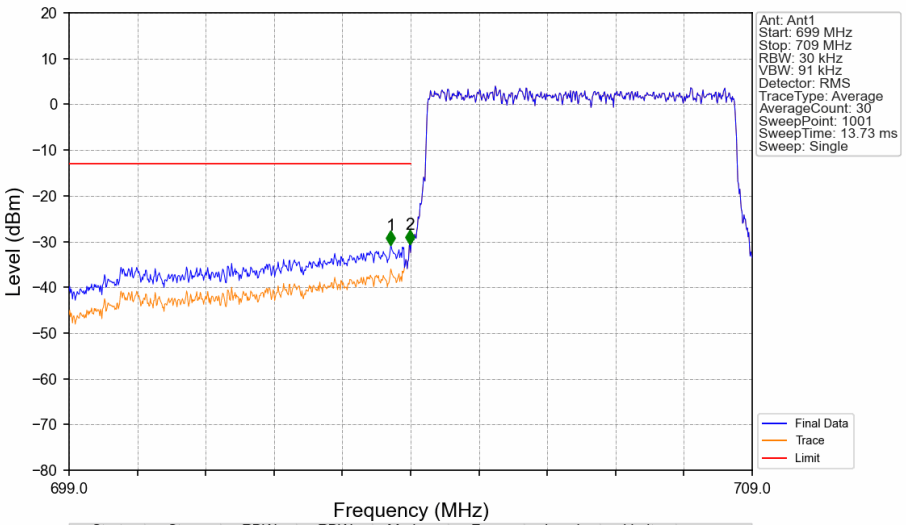


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	5.23	1	703.860	-21.67	-13	Pass
703.9	704	0.03	0	2	703.970	-20.41	-13	Pass
704	709	0.03	0	/	/	/	/	/

Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV

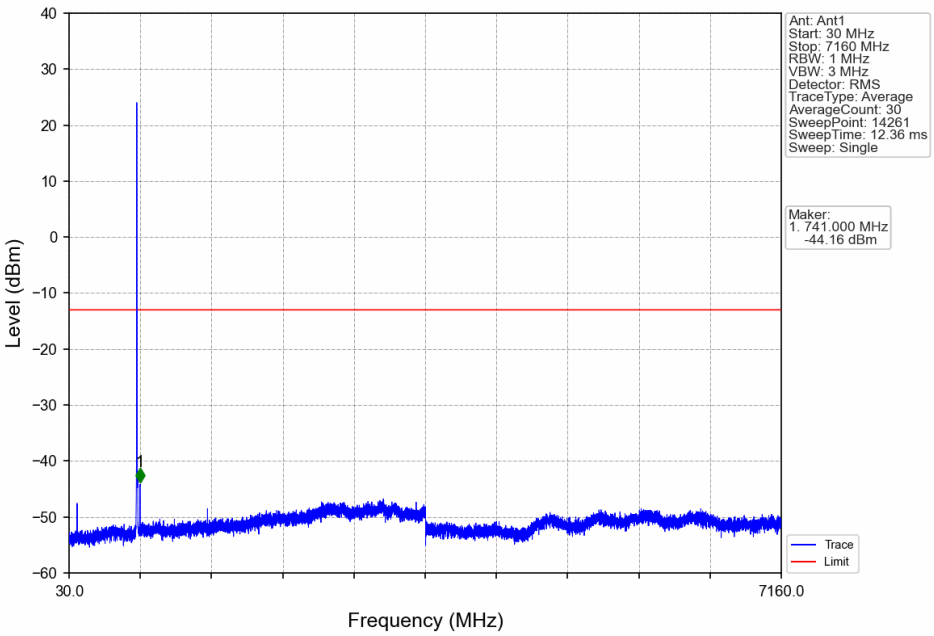


Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV

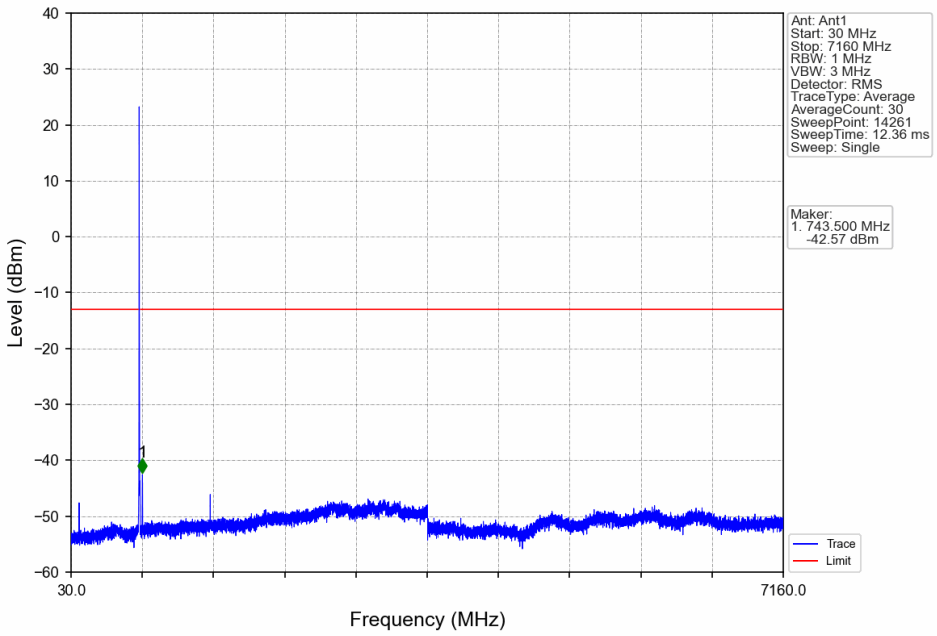


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	5.23	1	703.710	-30.74	-13	Pass
703.9	704	0.03	0	2	703.990	-30.63	-13	Pass
704	709	0.03	0	/	/	/	/	/

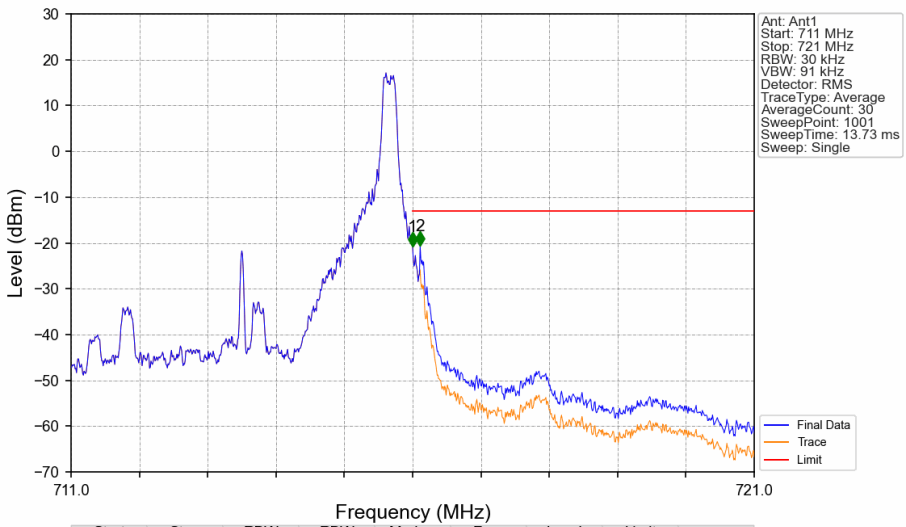
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV

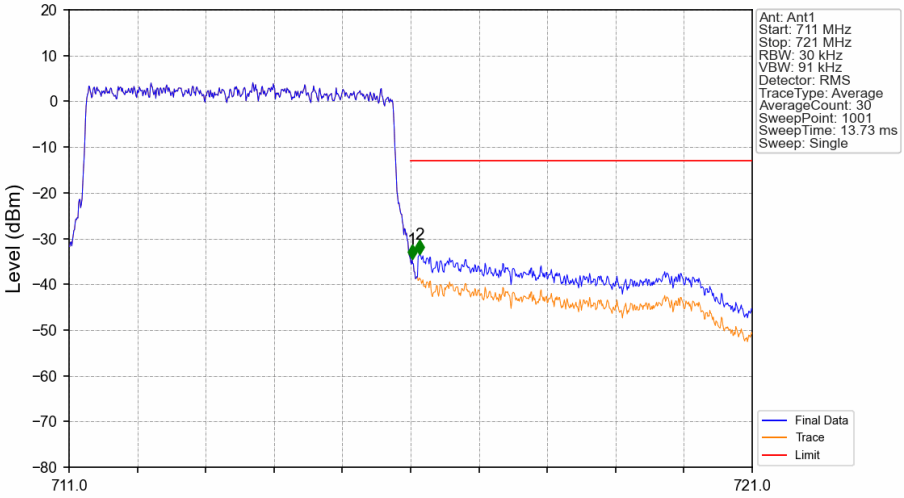


Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV



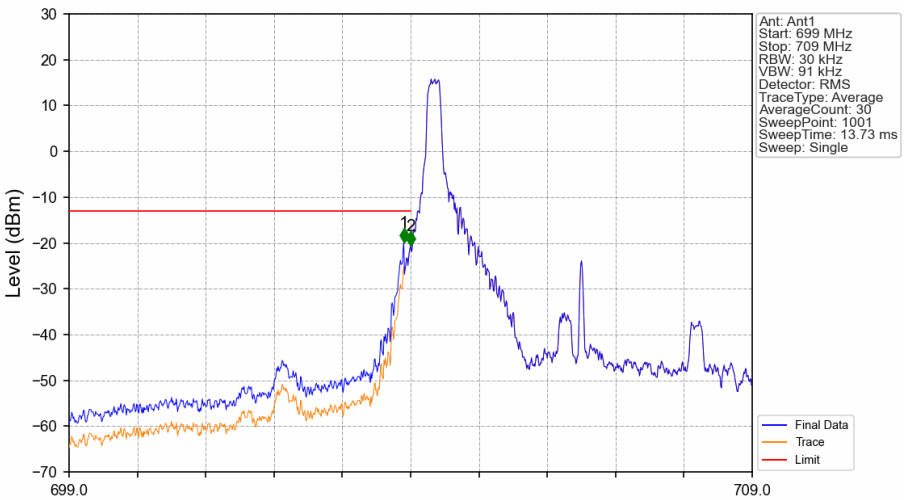
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	0	/	/	/	/	/
716	716.1	0.03	0	1	716.000	-20.79	-13	Pass
716.1	721	0.1	5.23	2	716.110	-20.65	-13	Pass

Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



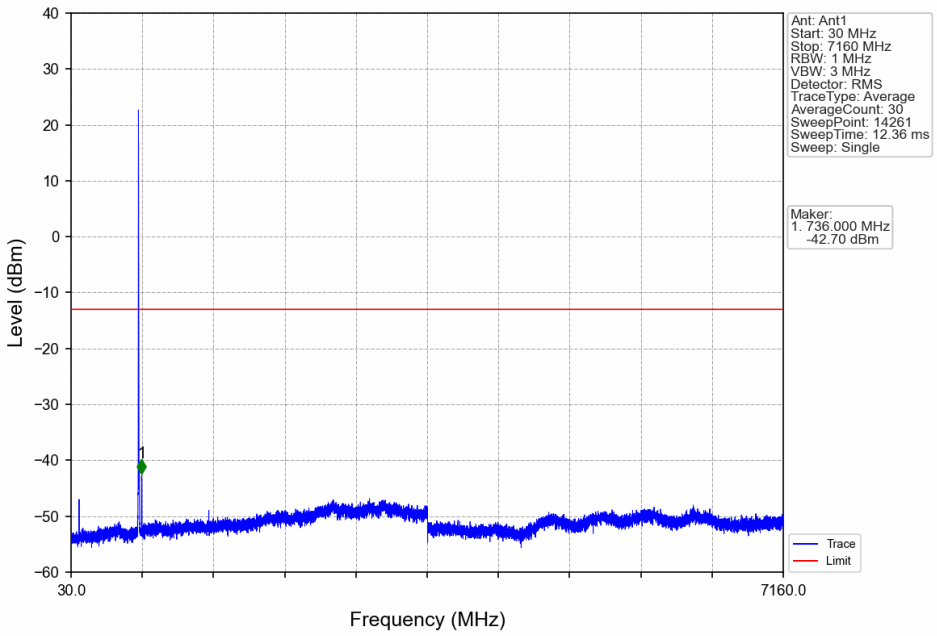
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	0	/	/	/	/	/
716	716.1	0.03	0	1	716.020	-34.54	-13	Pass
716.1	721	0.1	5.23	2	716.130	-33.38	-13	Pass

Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV

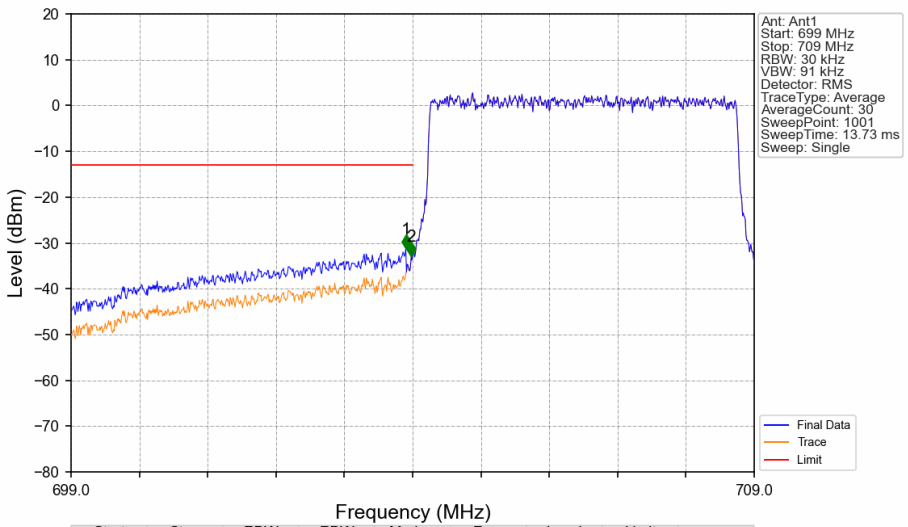


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	5.23	1	703.900	-19.86	-13	Pass
703.9	704	0.03	0	2	704.000	-20.62	-13	Pass
704	709	0.03	0	/	/	/	/	/

Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV

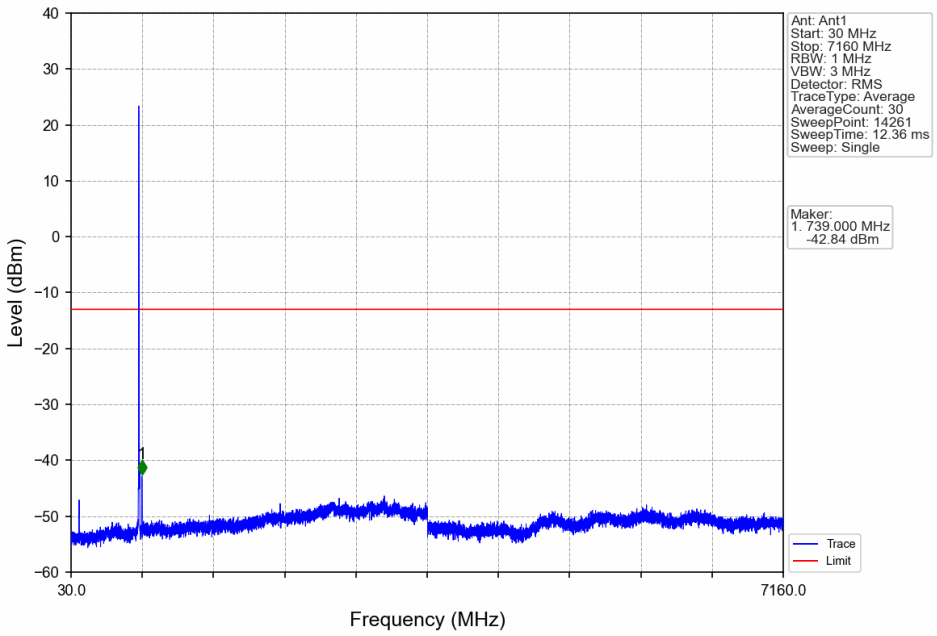


Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV

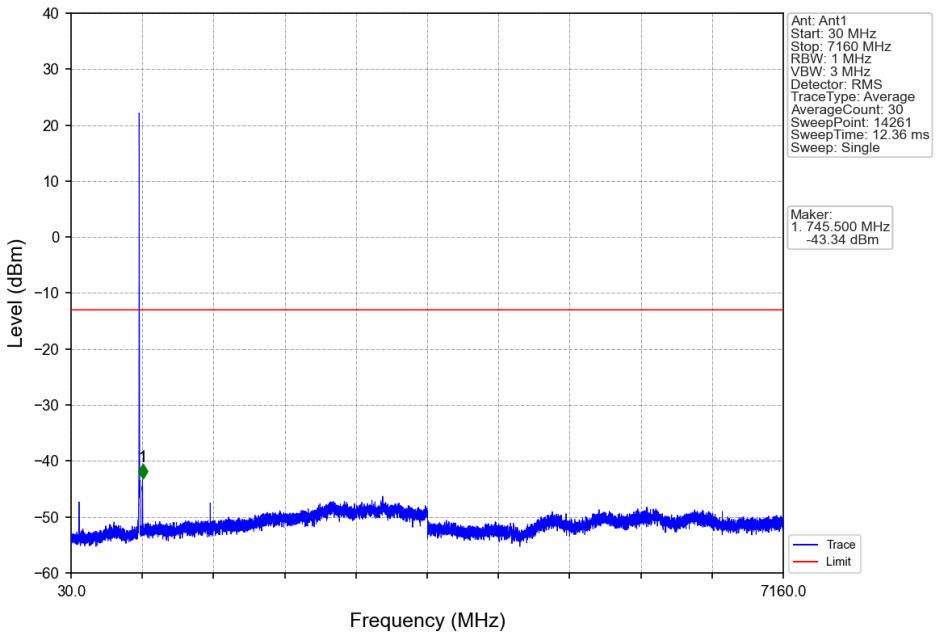


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	5.23	1	703.900	-31.32	-13	Pass
703.9	704	0.03	0	2	703.980	-32.87	-13	Pass
704	709	0.03	0	/	/	/	/	/

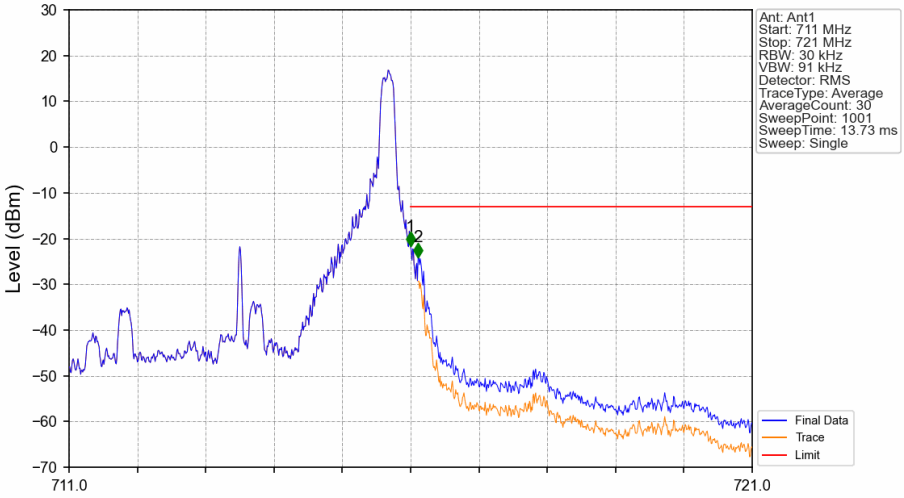
Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV

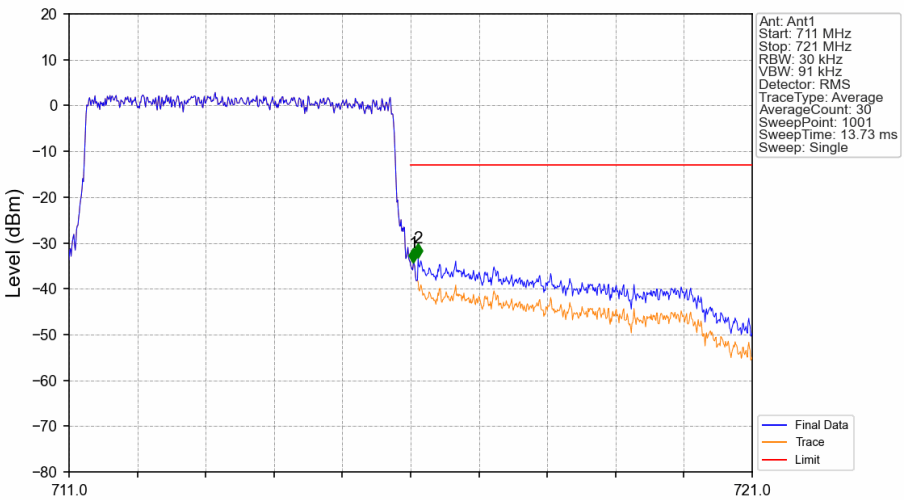


Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	0	/	/	/	/	/
716	716.1	0.03	0	1	716.000	-21.75	-13	Pass
716.1	721	0.1	5.23	2	716.110	-24.09	-13	Pass

Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	0	/	/	/	/	/
716	716.1	0.03	0	1	716.040	-34.27	-13	Pass
716.1	721	0.1	5.23	2	716.110	-33.34	-13	Pass

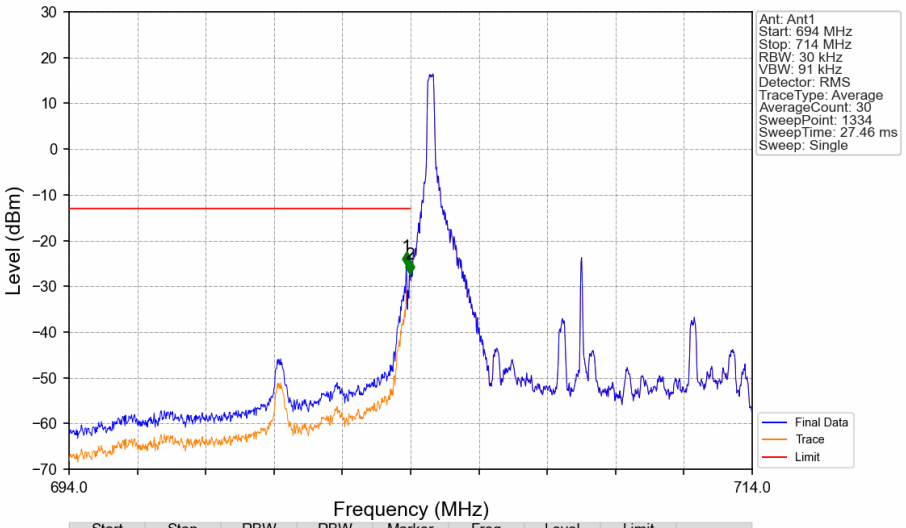
6.2 B17_10MHz

6.2.1 Test Result

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

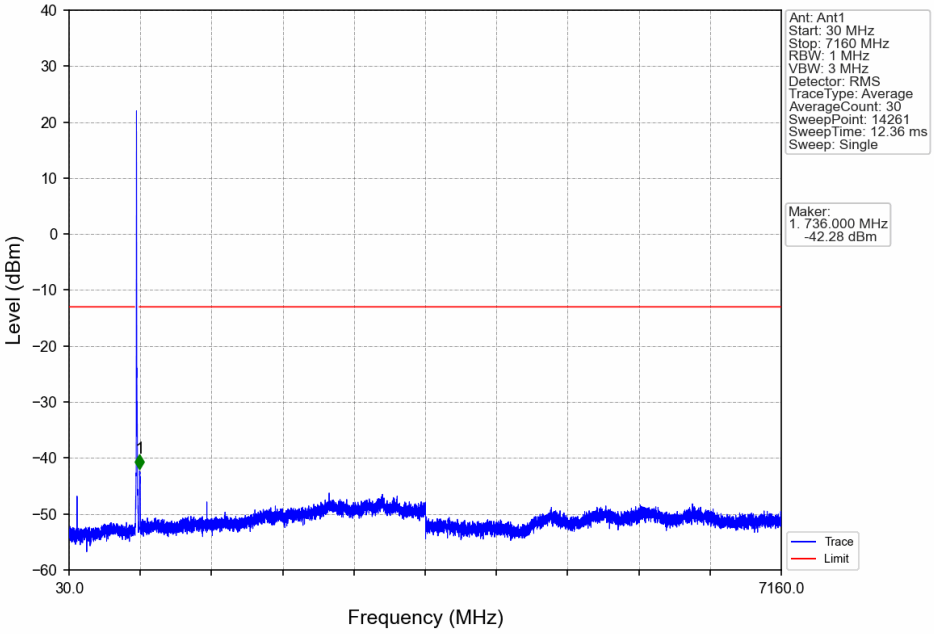
6.2.2 Test Graph

Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV

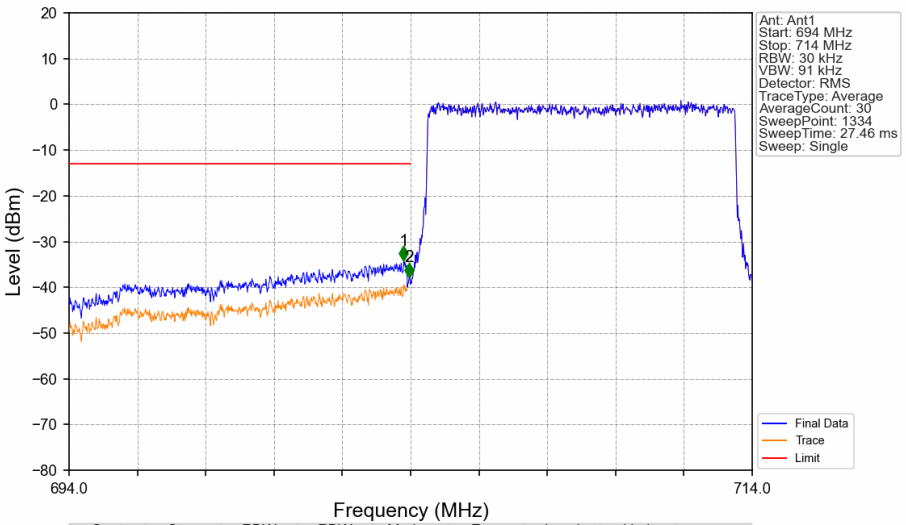


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	5.23	1	703.872	-25.51	-13	Pass
703.9	704	0.03	0	2	703.977	-27.35	-13	Pass
704	714	0.03	0	/	/	/	/	/

Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV

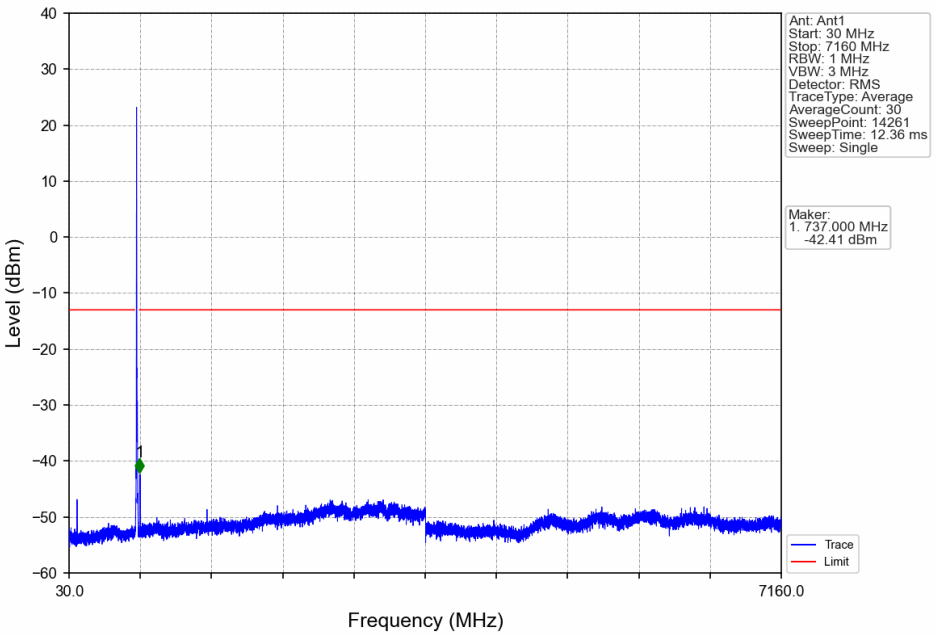


Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV

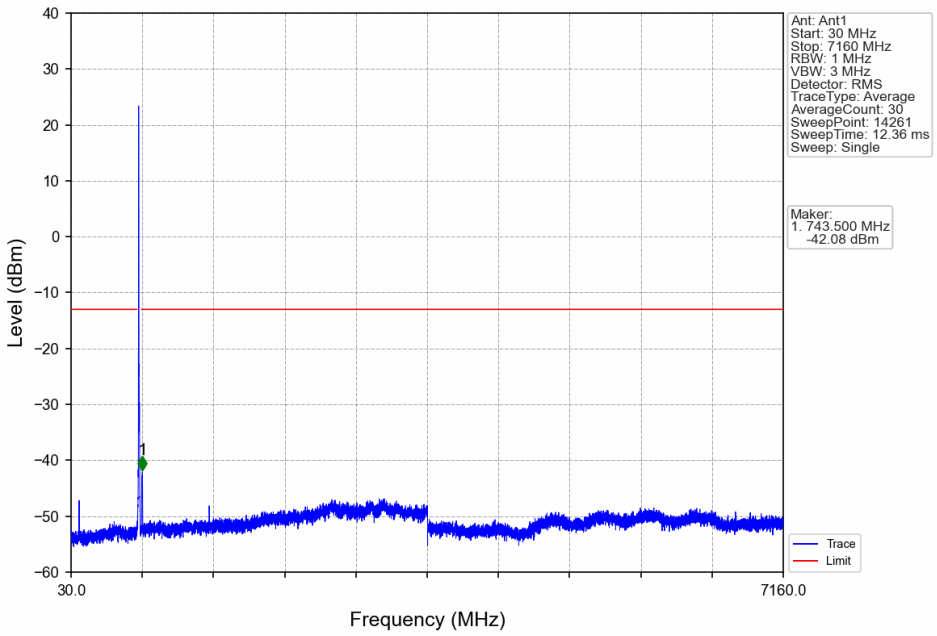


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	5.23	1	703.797	-34.17	-13	Pass
703.9	704	0.03	0	2	703.962	-37.76	-13	Pass
704	714	0.03	0	/	/	/	/	/

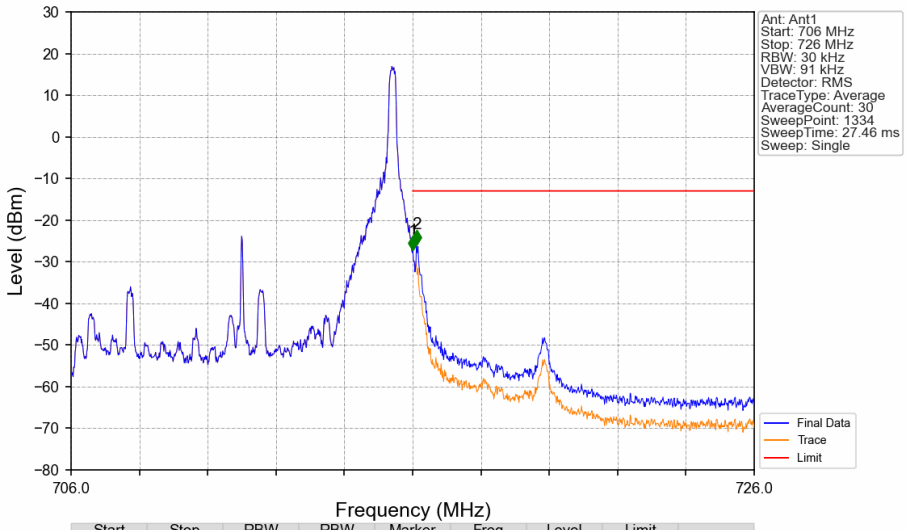
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV

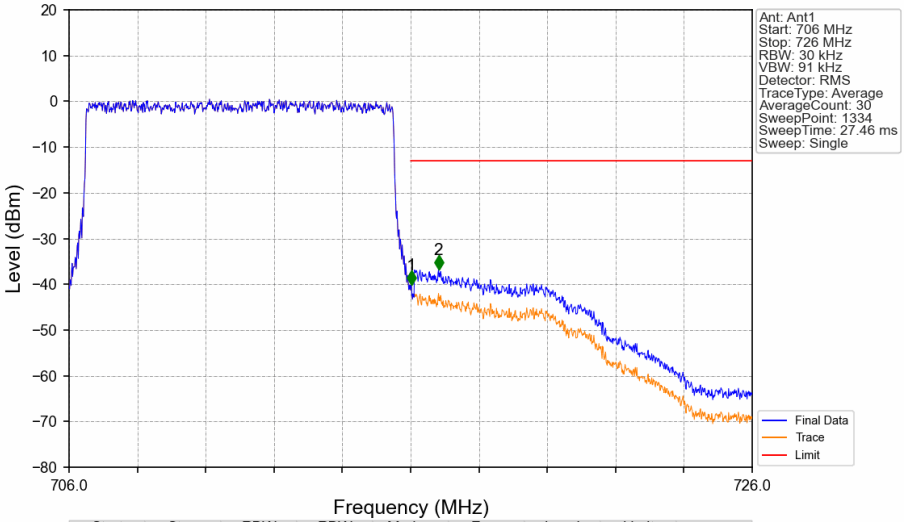


Band17_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV



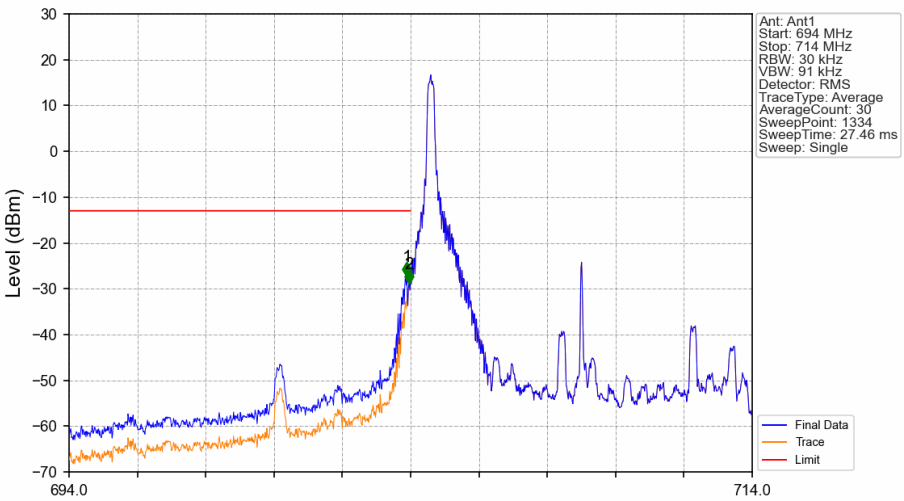
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	0	/	/	/	/	/
716	716.1	0.03	0	1	716.008	-27.19	-13	Pass
716.1	726	0.1	5.23	2	716.113	-25.80	-13	Pass

Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



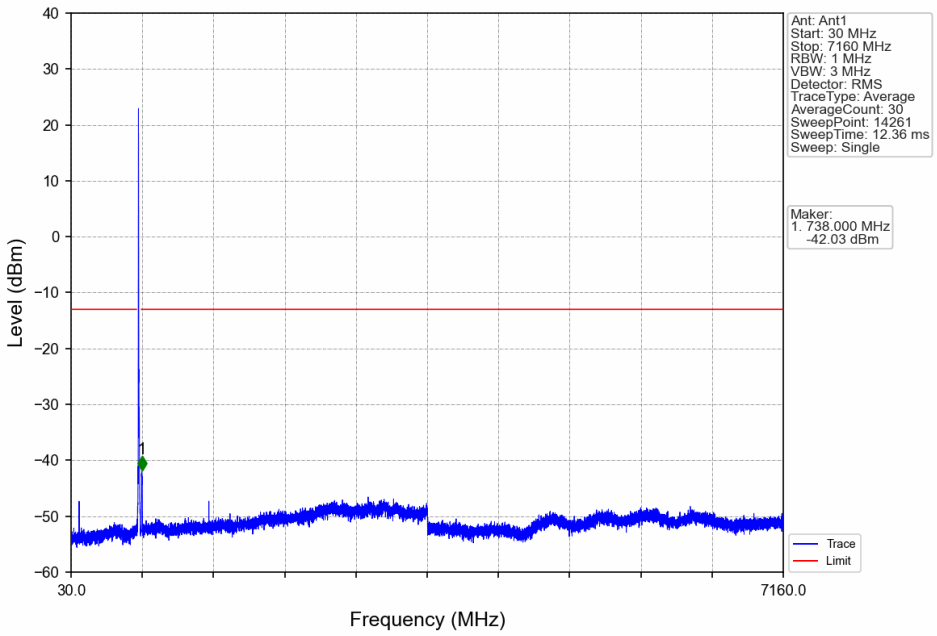
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	0	/	/	/	/	/
716	716.1	0.03	0	1	716.023	-40.16	-13	Pass
716.1	726	0.1	5.23	2	716.818	-36.81	-13	Pass

Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV

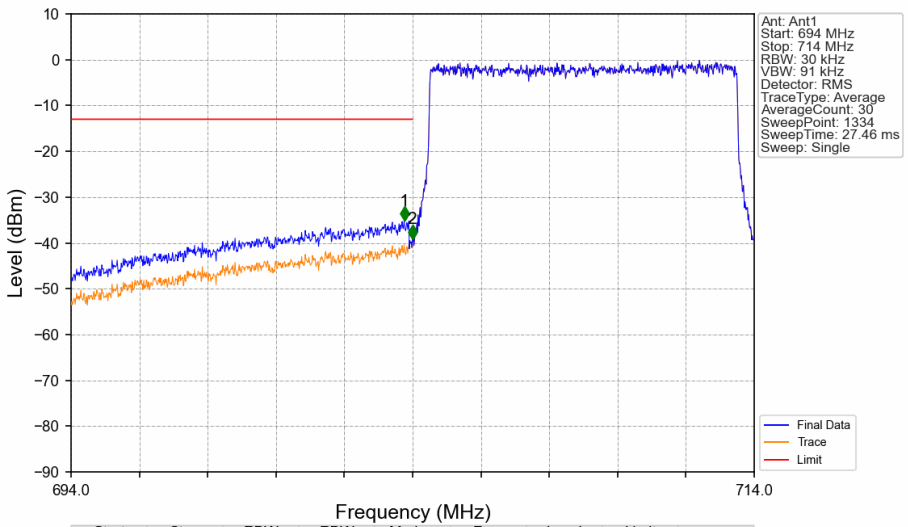


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	5.23	1	703.887	-27.27	-13	Pass
703.9	704	0.03	0	2	703.947	-28.91	-13	Pass
704	714	0.03	0	/	/	/	/	/

Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV

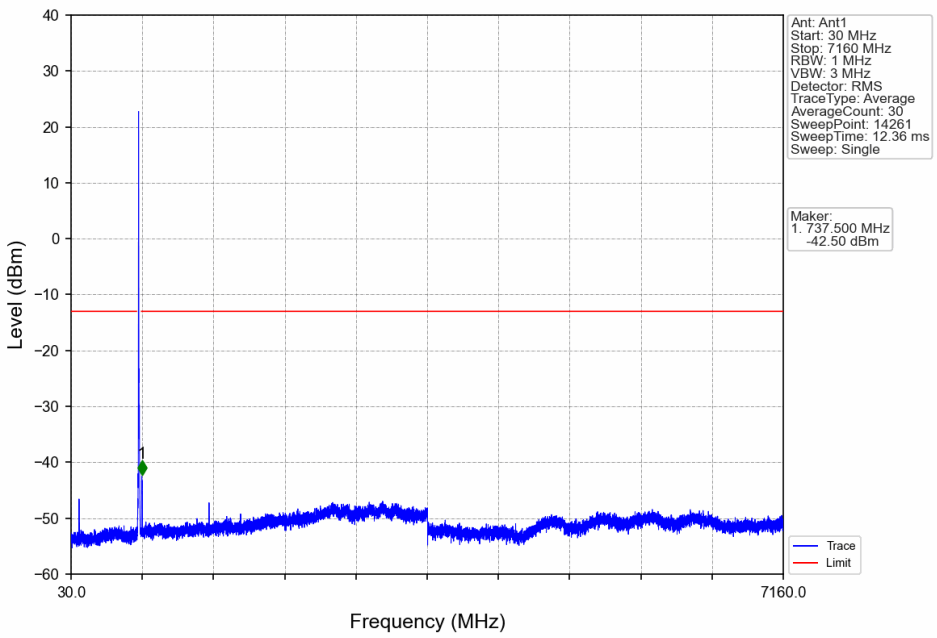


Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV

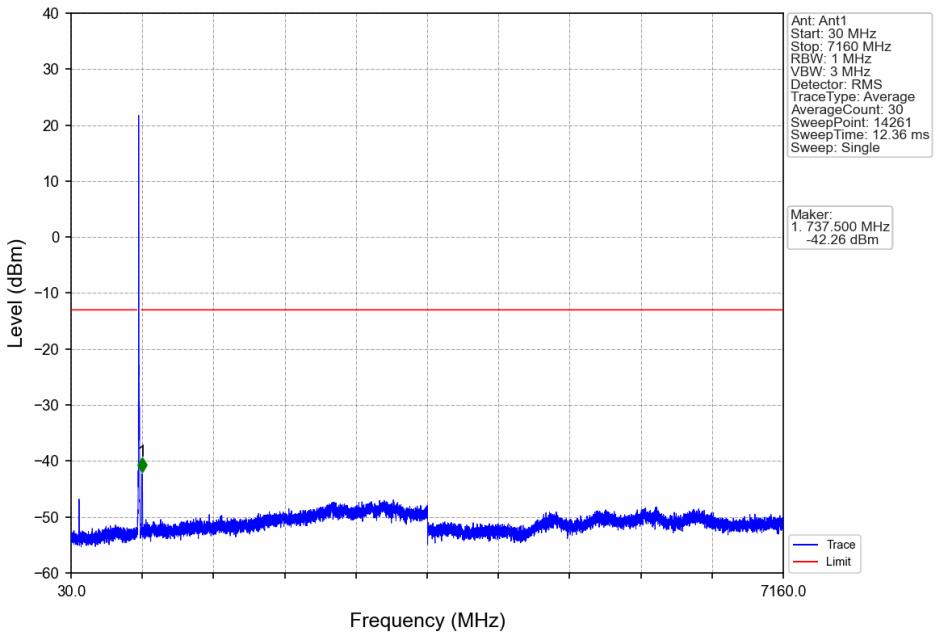


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	5.23	1	703.752	-35.17	-13	Pass
703.9	704	0.03	0	2	703.992	-39.12	-13	Pass
704	714	0.03	0	/	/	/	/	/

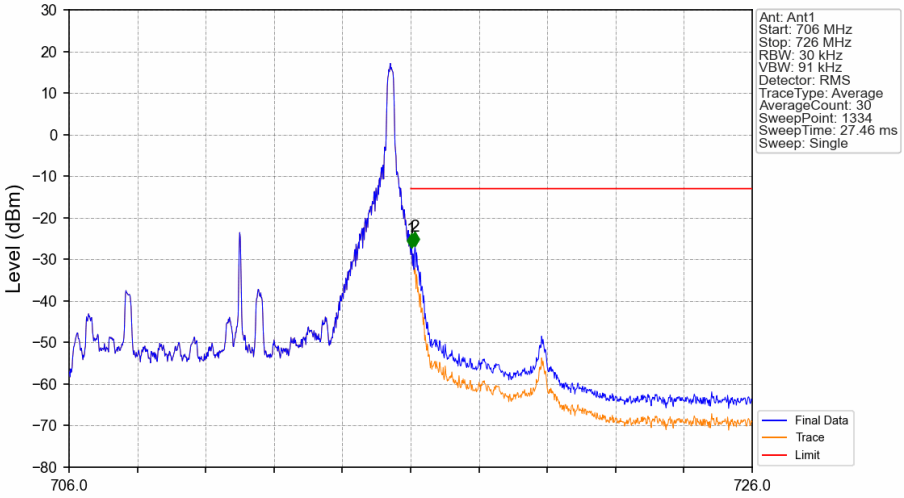
Band17_10MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV

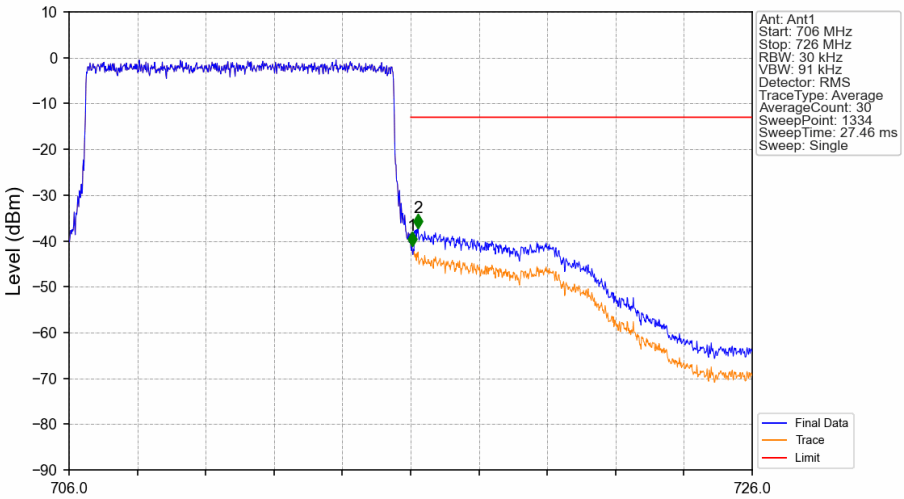


Band17_10MHz_16QAM_HCH_711MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	0	/	/	/	/	/
716	716.1	0.03	0	1	716.023	-27.30	-13	Pass
716.1	726	0.1	5.23	2	716.128	-26.86	-13	Pass

Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	0	/	/	/	/	/
716	716.1	0.03	0	1	716.038	-41.08	-13	Pass
716.1	726	0.1	5.23	2	716.218	-37.18	-13	Pass

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	0.2360	0.0149	ppm	4M62G7D	27H	23.73
17	5	706.5	713.5	0.1888	0.0160	ppm	4M59W7D	27H	22.76
17	10	709	711	0.2333	0.0139	ppm	9M06G7D	27H	23.68
17	10	709	711	0.2080	0.0154	ppm	9M09W7D	27H	23.18

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	0.2483	0.0149	ppm	4M62G7D	27H	23.95
17	5	706.5	713.5	0.1986	0.0160	ppm	4M59W7D	27H	22.98
17	10	709	711	0.2455	0.0139	ppm	9M06G7D	27H	23.90
17	10	709	711	0.2188	0.0154	ppm	9M09W7D	27H	23.40