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	23.12	-0.22	20.75	<=34.77	Pass
			13	23.27	-0.22	20.90	<=34.77	Pass
			24	23.00	-0.22	20.63	<=34.77	Pass
		12	0	22.11	-0.22	19.74	<=34.77	Pass
			6	22.21	-0.22	19.84	<=34.77	Pass
			13	22.17	-0.22	19.80	<=34.77	Pass
		25	0	22.24	-0.22	19.87	<=34.77	Pass
	710	1	0	23.02	-0.22	20.65	<=34.77	Pass
			13	23.06	-0.22	20.69	<=34.77	Pass
			24	23.12	-0.22	20.75	<=34.77	Pass
		12	0	22.11	-0.22	19.74	<=34.77	Pass
			6	22.15	-0.22	19.78	<=34.77	Pass
			13	22.26	-0.22	19.89	<=34.77	Pass
		25	0	22.25	-0.22	19.88	<=34.77	Pass
	713.5	1	0	23.20	-0.22	20.83	<=34.77	Pass
			13	23.21	-0.22	20.84	<=34.77	Pass
			24	22.82	-0.22	20.45	<=34.77	Pass
		12	0	22.25	-0.22	19.88	<=34.77	Pass
			6	22.23	-0.22	19.86	<=34.77	Pass
			13	22.13	-0.22	19.76	<=34.77	Pass
		25	0	22.25	-0.22	19.88	<=34.77	Pass
16QAM	706.5	1	0	21.68	-0.22	19.31	<=34.77	Pass
			13	22.66	-0.22	20.29	<=34.77	Pass
			24	22.54	-0.22	20.17	<=34.77	Pass
		12	0	21.18	-0.22	18.81	<=34.77	Pass
			6	21.33	-0.22	18.96	<=34.77	Pass
			13	21.27	-0.22	18.90	<=34.77	Pass
		25	0	21.31	-0.22	18.94	<=34.77	Pass
	710	1	0	22.56	-0.22	20.19	<=34.77	Pass
			13	22.80	-0.22	20.43	<=34.77	Pass
			24	22.66	-0.22	20.29	<=34.77	Pass
		12	0	21.03	-0.22	18.66	<=34.77	Pass
			6	20.94	-0.22	18.57	<=34.77	Pass
			13	21.30	-0.22	18.93	<=34.77	Pass
		25	0	21.16	-0.22	18.79	<=34.77	Pass
	713.5	1	0	22.16	-0.22	19.79	<=34.77	Pass
			13	22.19	-0.22	19.82	<=34.77	Pass
			24	22.01	-0.22	19.64	<=34.77	Pass
		12	0	21.34	-0.22	18.97	<=34.77	Pass
			6	21.37	-0.22	19.00	<=34.77	Pass
			13	21.32	-0.22	18.95	<=34.77	Pass
		25	0	21.50	-0.22	19.13	<=34.77	Pass
64QAM	706.5	1	0	20.78	-0.22	18.41	<=34.77	Pass
			13	21.24	-0.22	18.87	<=34.77	Pass
			24	21.04	-0.22	18.67	<=34.77	Pass
		12	0	19.94	-0.22	17.57	<=34.77	Pass
			6	20.24	-0.22	17.87	<=34.77	Pass

			13	20.18	-0.22	17.81	<=34.77	Pass
		25	0	20.42	-0.22	18.05	<=34.77	Pass
	710	1	0	21.41	-0.22	19.04	<=34.77	Pass
			13	21.45	-0.22	19.08	<=34.77	Pass
			24	21.37	-0.22	19.00	<=34.77	Pass
		12	0	20.18	-0.22	17.81	<=34.77	Pass
			6	20.20	-0.22	17.83	<=34.77	Pass
			13	20.29	-0.22	17.92	<=34.77	Pass
		25	0	20.19	-0.22	17.82	<=34.77	Pass
	713.5	1	0	21.66	-0.22	19.29	<=34.77	Pass
			13	21.64	-0.22	19.27	<=34.77	Pass
			24	21.38	-0.22	19.01	<=34.77	Pass
		12	0	20.66	-0.22	18.29	<=34.77	Pass
			6	20.57	-0.22	18.20	<=34.77	Pass
			13	20.48	-0.22	18.11	<=34.77	Pass
		25	0	20.58	-0.22	18.21	<=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	23.27	-0.22	20.90	<=34.77	Pass
			25	23.55	-0.22	21.18	<=34.77	Pass
			49	23.39	-0.22	21.02	<=34.77	Pass
		25	0	22.60	-0.22	20.23	<=34.77	Pass
			13	22.52	-0.22	20.15	<=34.77	Pass
			25	22.56	-0.22	20.19	<=34.77	Pass
		50	0	22.53	-0.22	20.16	<=34.77	Pass
	710	1	0	23.17	-0.22	20.80	<=34.77	Pass
			25	23.62	-0.22	21.25	<=34.77	Pass
			49	23.19	-0.22	20.82	<=34.77	Pass
		25	0	22.46	-0.22	20.09	<=34.77	Pass
			13	22.53	-0.22	20.16	<=34.77	Pass
			25	22.55	-0.22	20.18	<=34.77	Pass
		50	0	22.47	-0.22	20.10	<=34.77	Pass
	711	1	0	23.58	-0.22	21.21	<=34.77	Pass
			25	23.73	-0.22	21.36	<=34.77	Pass
			49	23.28	-0.22	20.91	<=34.77	Pass
		25	0	22.53	-0.22	20.16	<=34.77	Pass
			13	22.55	-0.22	20.18	<=34.77	Pass
			25	22.54	-0.22	20.17	<=34.77	Pass
		50	0	22.49	-0.22	20.12	<=34.77	Pass
16QAM	709	1	0	23.07	-0.22	20.70	<=34.77	Pass
			25	22.88	-0.22	20.51	<=34.77	Pass
			49	22.62	-0.22	20.25	<=34.77	Pass
		25	0	21.65	-0.22	19.28	<=34.77	Pass
			13	21.58	-0.22	19.21	<=34.77	Pass
			25	21.65	-0.22	19.28	<=34.77	Pass
		50	0	21.48	-0.22	19.11	<=34.77	Pass
	710	1	0	22.03	-0.22	19.66	<=34.77	Pass
			25	23.24	-0.22	20.87	<=34.77	Pass

			49	22.72	-0.22	20.35	<=34.77	Pass
		25	0	21.61	-0.22	19.24	<=34.77	Pass
			13	21.60	-0.22	19.23	<=34.77	Pass
			25	21.62	-0.22	19.25	<=34.77	Pass
		50	0	21.58	-0.22	19.21	<=34.77	Pass
	711	1	0	22.54	-0.22	20.17	<=34.77	Pass
			25	22.44	-0.22	20.07	<=34.77	Pass
			49	22.09	-0.22	19.72	<=34.77	Pass
		25	0	21.62	-0.22	19.25	<=34.77	Pass
			13	21.57	-0.22	19.20	<=34.77	Pass
			25	21.57	-0.22	19.20	<=34.77	Pass
		50	0	21.55	-0.22	19.18	<=34.77	Pass
64QAM	709	1	0	22.12	-0.22	19.75	<=34.77	Pass
			25	22.20	-0.22	19.83	<=34.77	Pass
			49	22.19	-0.22	19.82	<=34.77	Pass
		25	0	20.58	-0.22	18.21	<=34.77	Pass
			13	20.31	-0.22	17.94	<=34.77	Pass
			25	20.43	-0.22	18.06	<=34.77	Pass
		50	0	20.45	-0.22	18.08	<=34.77	Pass
	710	1	0	21.14	-0.22	18.77	<=34.77	Pass
			25	21.43	-0.22	19.06	<=34.77	Pass
			49	21.35	-0.22	18.98	<=34.77	Pass
		25	0	20.78	-0.22	18.41	<=34.77	Pass
			13	20.50	-0.22	18.13	<=34.77	Pass
			25	20.45	-0.22	18.08	<=34.77	Pass
		50	0	20.49	-0.22	18.12	<=34.77	Pass
	711	1	0	21.37	-0.22	19.00	<=34.77	Pass
			25	21.62	-0.22	19.25	<=34.77	Pass
			49	21.19	-0.22	18.82	<=34.77	Pass
		25	0	20.46	-0.22	18.09	<=34.77	Pass
			13	20.52	-0.22	18.15	<=34.77	Pass
			25	20.56	-0.22	18.19	<=34.77	Pass
		50	0	20.62	-0.22	18.25	<=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	6.12	0.830	0.0012	-2.5 to 2.5	Pass
					7.20	0.858	0.0012	-2.5 to 2.5	Pass
					8.28	1.402	0.0020	-2.5 to 2.5	Pass
				-30	7.20	1.402	0.0020	-2.5 to 2.5	Pass
				-20	7.20	0.701	0.0010	-2.5 to 2.5	Pass
				-10	7.20	0.515	0.0007	-2.5 to 2.5	Pass
				0	7.20	0.358	0.0005	-2.5 to 2.5	Pass
				10	7.20	0.844	0.0012	-2.5 to 2.5	Pass
				30	7.20	0.529	0.0007	-2.5 to 2.5	Pass
				40	7.20	0.057	0.0001	-2.5 to 2.5	Pass
				50	7.20	-0.372	-0.0005	-2.5 to 2.5	Pass

	710	25	0	20	6.12	2.346	0.0033	-2.5 to 2.5	Pass
					7.20	1.388	0.0020	-2.5 to 2.5	Pass
					8.28	2.403	0.0034	-2.5 to 2.5	Pass
				-30	7.20	1.945	0.0027	-2.5 to 2.5	Pass
				-20	7.20	1.616	0.0023	-2.5 to 2.5	Pass
				-10	7.20	1.974	0.0028	-2.5 to 2.5	Pass
				0	7.20	1.459	0.0021	-2.5 to 2.5	Pass
				10	7.20	0.930	0.0013	-2.5 to 2.5	Pass
				30	7.20	0.987	0.0014	-2.5 to 2.5	Pass
				40	7.20	0.801	0.0011	-2.5 to 2.5	Pass
				50	7.20	1.202	0.0017	-2.5 to 2.5	Pass
	713.5	25	0	20	6.12	2.389	0.0033	-2.5 to 2.5	Pass
					7.20	1.988	0.0028	-2.5 to 2.5	Pass
					8.28	2.160	0.0030	-2.5 to 2.5	Pass
				-30	7.20	2.317	0.0032	-2.5 to 2.5	Pass
				-20	7.20	3.405	0.0048	-2.5 to 2.5	Pass
				-10	7.20	2.174	0.0030	-2.5 to 2.5	Pass
				0	7.20	1.273	0.0018	-2.5 to 2.5	Pass
				10	7.20	2.489	0.0035	-2.5 to 2.5	Pass
				30	7.20	2.232	0.0031	-2.5 to 2.5	Pass
				40	7.20	1.874	0.0026	-2.5 to 2.5	Pass
				50	7.20	2.975	0.0042	-2.5 to 2.5	Pass
16QAM	706.5	25	0	20	6.12	-0.429	-0.0006	-2.5 to 2.5	Pass
					7.20	0.601	0.0009	-2.5 to 2.5	Pass
					8.28	0.601	0.0009	-2.5 to 2.5	Pass
				-30	7.20	0.644	0.0009	-2.5 to 2.5	Pass
				-20	7.20	1.130	0.0016	-2.5 to 2.5	Pass
				-10	7.20	0.772	0.0011	-2.5 to 2.5	Pass
				0	7.20	1.531	0.0022	-2.5 to 2.5	Pass
				10	7.20	0.658	0.0009	-2.5 to 2.5	Pass
				30	7.20	-0.129	-0.0002	-2.5 to 2.5	Pass
				40	7.20	0.186	0.0003	-2.5 to 2.5	Pass
				50	7.20	0.744	0.0011	-2.5 to 2.5	Pass
	710	25	0	20	6.12	1.802	0.0025	-2.5 to 2.5	Pass
					7.20	1.731	0.0024	-2.5 to 2.5	Pass
					8.28	0.787	0.0011	-2.5 to 2.5	Pass
				-30	7.20	1.445	0.0020	-2.5 to 2.5	Pass
				-20	7.20	1.531	0.0022	-2.5 to 2.5	Pass
				-10	7.20	1.688	0.0024	-2.5 to 2.5	Pass
				0	7.20	0.629	0.0009	-2.5 to 2.5	Pass
				10	7.20	2.060	0.0029	-2.5 to 2.5	Pass
				30	7.20	1.917	0.0027	-2.5 to 2.5	Pass
				40	7.20	2.346	0.0033	-2.5 to 2.5	Pass
				50	7.20	1.845	0.0026	-2.5 to 2.5	Pass
	713.5	25	0	20	6.12	3.119	0.0044	-2.5 to 2.5	Pass
					7.20	2.804	0.0039	-2.5 to 2.5	Pass
					8.28	3.462	0.0049	-2.5 to 2.5	Pass
				-30	7.20	2.832	0.0040	-2.5 to 2.5	Pass
				-20	7.20	3.018	0.0042	-2.5 to 2.5	Pass
				-10	7.20	3.233	0.0045	-2.5 to 2.5	Pass
				0	7.20	2.847	0.0040	-2.5 to 2.5	Pass
				10	7.20	3.176	0.0045	-2.5 to 2.5	Pass
				30	7.20	2.046	0.0029	-2.5 to 2.5	Pass
				40	7.20	1.988	0.0028	-2.5 to 2.5	Pass
				50	7.20	2.031	0.0028	-2.5 to 2.5	Pass
64QAM	706.5	25	0	20	6.12	0.286	0.0004	-2.5 to 2.5	Pass
					7.20	-0.772	-0.0011	-2.5 to 2.5	Pass
					8.28	0.615	0.0009	-2.5 to 2.5	Pass

				-30	7.20	-0.458	-0.0006	-2.5 to 2.5	Pass
				-20	7.20	-0.401	-0.0006	-2.5 to 2.5	Pass
				-10	7.20	0.143	0.0002	-2.5 to 2.5	Pass
				0	7.20	-0.014	0.0000	-2.5 to 2.5	Pass
				10	7.20	-0.329	-0.0005	-2.5 to 2.5	Pass
				30	7.20	-0.443	-0.0006	-2.5 to 2.5	Pass
				40	7.20	0.486	0.0007	-2.5 to 2.5	Pass
				50	7.20	0.172	0.0002	-2.5 to 2.5	Pass
	710	25	0	20	6.12	2.890	0.0041	-2.5 to 2.5	Pass
					7.20	3.219	0.0045	-2.5 to 2.5	Pass
					8.28	2.975	0.0042	-2.5 to 2.5	Pass
				-30	7.20	3.076	0.0043	-2.5 to 2.5	Pass
				-20	7.20	3.576	0.0050	-2.5 to 2.5	Pass
				-10	7.20	3.834	0.0054	-2.5 to 2.5	Pass
				0	7.20	3.819	0.0054	-2.5 to 2.5	Pass
				10	7.20	4.249	0.0060	-2.5 to 2.5	Pass
				30	7.20	4.234	0.0060	-2.5 to 2.5	Pass
				40	7.20	4.892	0.0069	-2.5 to 2.5	Pass
				50	7.20	4.792	0.0067	-2.5 to 2.5	Pass
	713.5	25	0	20	6.12	1.674	0.0023	-2.5 to 2.5	Pass
					7.20	1.731	0.0024	-2.5 to 2.5	Pass
					8.28	2.317	0.0032	-2.5 to 2.5	Pass
				-30	7.20	0.801	0.0011	-2.5 to 2.5	Pass
				-20	7.20	1.187	0.0017	-2.5 to 2.5	Pass
				-10	7.20	1.216	0.0017	-2.5 to 2.5	Pass
				0	7.20	1.101	0.0015	-2.5 to 2.5	Pass
				10	7.20	1.960	0.0027	-2.5 to 2.5	Pass
				30	7.20	0.272	0.0004	-2.5 to 2.5	Pass
				40	7.20	0.486	0.0007	-2.5 to 2.5	Pass
				50	7.20	0.615	0.0009	-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	6.12	2.260	0.0032	-2.5 to 2.5	Pass
					7.20	2.418	0.0034	-2.5 to 2.5	Pass
					8.28	1.502	0.0021	-2.5 to 2.5	Pass
				-30	7.20	2.475	0.0035	-2.5 to 2.5	Pass
				-20	7.20	1.359	0.0019	-2.5 to 2.5	Pass
				-10	7.20	1.731	0.0024	-2.5 to 2.5	Pass
				0	7.20	0.758	0.0011	-2.5 to 2.5	Pass
				10	7.20	1.588	0.0022	-2.5 to 2.5	Pass
				30	7.20	2.117	0.0030	-2.5 to 2.5	Pass
				40	7.20	1.516	0.0021	-2.5 to 2.5	Pass
				50	7.20	2.031	0.0029	-2.5 to 2.5	Pass
	710	50	0	20	6.12	0.758	0.0011	-2.5 to 2.5	Pass
					7.20	1.459	0.0021	-2.5 to 2.5	Pass
					8.28	1.259	0.0018	-2.5 to 2.5	Pass
				-30	7.20	1.917	0.0027	-2.5 to 2.5	Pass
				-20	7.20	1.688	0.0024	-2.5 to 2.5	Pass
				-10	7.20	1.173	0.0017	-2.5 to 2.5	Pass

				0	7.20	-0.014	0.0000	-2.5 to 2.5	Pass
				10	7.20	0.944	0.0013	-2.5 to 2.5	Pass
				30	7.20	0.987	0.0014	-2.5 to 2.5	Pass
				40	7.20	0.901	0.0013	-2.5 to 2.5	Pass
				50	7.20	0.901	0.0013	-2.5 to 2.5	Pass
	711	50	0	20	6.12	0.372	0.0005	-2.5 to 2.5	Pass
					7.20	0.515	0.0007	-2.5 to 2.5	Pass
					8.28	0.486	0.0007	-2.5 to 2.5	Pass
				-30	7.20	0.758	0.0011	-2.5 to 2.5	Pass
				-20	7.20	0.958	0.0013	-2.5 to 2.5	Pass
				-10	7.20	1.817	0.0026	-2.5 to 2.5	Pass
				0	7.20	0.973	0.0014	-2.5 to 2.5	Pass
				10	7.20	0.730	0.0010	-2.5 to 2.5	Pass
				30	7.20	0.100	0.0001	-2.5 to 2.5	Pass
				40	7.20	0.472	0.0007	-2.5 to 2.5	Pass
				50	7.20	1.001	0.0014	-2.5 to 2.5	Pass
16QAM	709	50	0	20	6.12	1.802	0.0025	-2.5 to 2.5	Pass
					7.20	2.260	0.0032	-2.5 to 2.5	Pass
					8.28	1.459	0.0021	-2.5 to 2.5	Pass
				-30	7.20	1.316	0.0019	-2.5 to 2.5	Pass
				-20	7.20	1.559	0.0022	-2.5 to 2.5	Pass
				-10	7.20	1.502	0.0021	-2.5 to 2.5	Pass
				0	7.20	1.616	0.0023	-2.5 to 2.5	Pass
				10	7.20	1.016	0.0014	-2.5 to 2.5	Pass
				30	7.20	0.272	0.0004	-2.5 to 2.5	Pass
				40	7.20	-0.257	-0.0004	-2.5 to 2.5	Pass
				50	7.20	0.687	0.0010	-2.5 to 2.5	Pass
	710	50	0	20	6.12	1.216	0.0017	-2.5 to 2.5	Pass
					7.20	-0.072	-0.0001	-2.5 to 2.5	Pass
					8.28	0.458	0.0006	-2.5 to 2.5	Pass
				-30	7.20	0.415	0.0006	-2.5 to 2.5	Pass
				-20	7.20	1.559	0.0022	-2.5 to 2.5	Pass
				-10	7.20	1.245	0.0018	-2.5 to 2.5	Pass
				0	7.20	1.245	0.0018	-2.5 to 2.5	Pass
				10	7.20	1.602	0.0023	-2.5 to 2.5	Pass
				30	7.20	0.858	0.0012	-2.5 to 2.5	Pass
				40	7.20	0.830	0.0012	-2.5 to 2.5	Pass
				50	7.20	1.173	0.0017	-2.5 to 2.5	Pass
	711	50	0	20	6.12	0.343	0.0005	-2.5 to 2.5	Pass
					7.20	0.730	0.0010	-2.5 to 2.5	Pass
					8.28	0.687	0.0010	-2.5 to 2.5	Pass
				-30	7.20	0.143	0.0002	-2.5 to 2.5	Pass
				-20	7.20	0.386	0.0005	-2.5 to 2.5	Pass
				-10	7.20	0.701	0.0010	-2.5 to 2.5	Pass
				0	7.20	0.114	0.0002	-2.5 to 2.5	Pass
				10	7.20	-0.472	-0.0007	-2.5 to 2.5	Pass
				30	7.20	1.273	0.0018	-2.5 to 2.5	Pass
				40	7.20	1.116	0.0016	-2.5 to 2.5	Pass
				50	7.20	0.973	0.0014	-2.5 to 2.5	Pass
64QAM	709	50	0	20	6.12	0.315	0.0004	-2.5 to 2.5	Pass
					7.20	1.273	0.0018	-2.5 to 2.5	Pass
					8.28	1.230	0.0017	-2.5 to 2.5	Pass
				-30	7.20	0.644	0.0009	-2.5 to 2.5	Pass
				-20	7.20	0.587	0.0008	-2.5 to 2.5	Pass
				-10	7.20	1.001	0.0014	-2.5 to 2.5	Pass
				0	7.20	0.315	0.0004	-2.5 to 2.5	Pass
				10	7.20	0.715	0.0010	-2.5 to 2.5	Pass
				30	7.20	1.101	0.0016	-2.5 to 2.5	Pass

				40	7.20	0.544	0.0008	-2.5 to 2.5	Pass
				50	7.20	0.443	0.0006	-2.5 to 2.5	Pass
	710	50	0	20	6.12	0.443	0.0006	-2.5 to 2.5	Pass
					7.20	0.815	0.0011	-2.5 to 2.5	Pass
					8.28	1.187	0.0017	-2.5 to 2.5	Pass
				-30	7.20	1.159	0.0016	-2.5 to 2.5	Pass
				-20	7.20	1.531	0.0022	-2.5 to 2.5	Pass
				-10	7.20	2.103	0.0030	-2.5 to 2.5	Pass
				0	7.20	2.460	0.0035	-2.5 to 2.5	Pass
				10	7.20	2.933	0.0041	-2.5 to 2.5	Pass
				30	7.20	1.974	0.0028	-2.5 to 2.5	Pass
				40	7.20	3.018	0.0043	-2.5 to 2.5	Pass
				50	7.20	3.333	0.0047	-2.5 to 2.5	Pass
	711	50	0	20	6.12	1.302	0.0018	-2.5 to 2.5	Pass
					7.20	0.930	0.0013	-2.5 to 2.5	Pass
					8.28	0.629	0.0009	-2.5 to 2.5	Pass
				-30	7.20	1.016	0.0014	-2.5 to 2.5	Pass
				-20	7.20	1.316	0.0019	-2.5 to 2.5	Pass
				-10	7.20	0.944	0.0013	-2.5 to 2.5	Pass
				0	7.20	0.072	0.0001	-2.5 to 2.5	Pass
				10	7.20	0.372	0.0005	-2.5 to 2.5	Pass
				30	7.20	0.672	0.0009	-2.5 to 2.5	Pass
				40	7.20	0.801	0.0011	-2.5 to 2.5	Pass
				50	7.20	0.529	0.0007	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

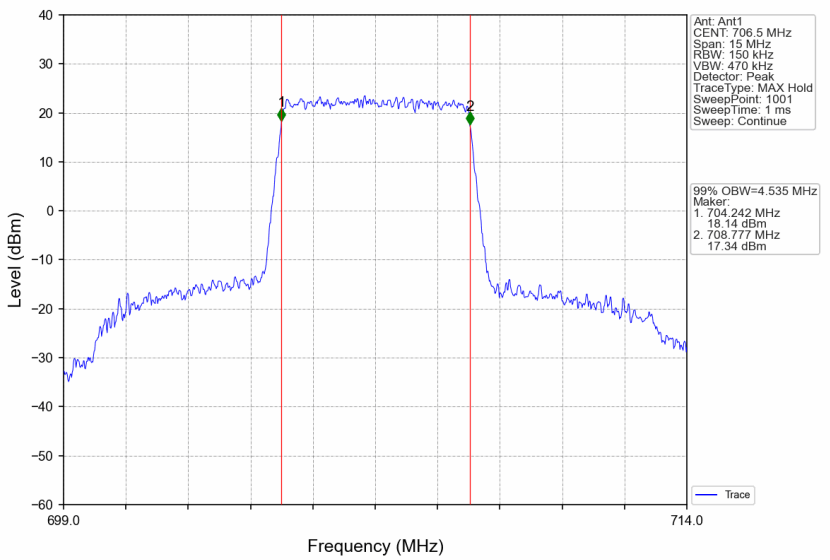
3.1 Band17_OBW

3.1.1 Test Result

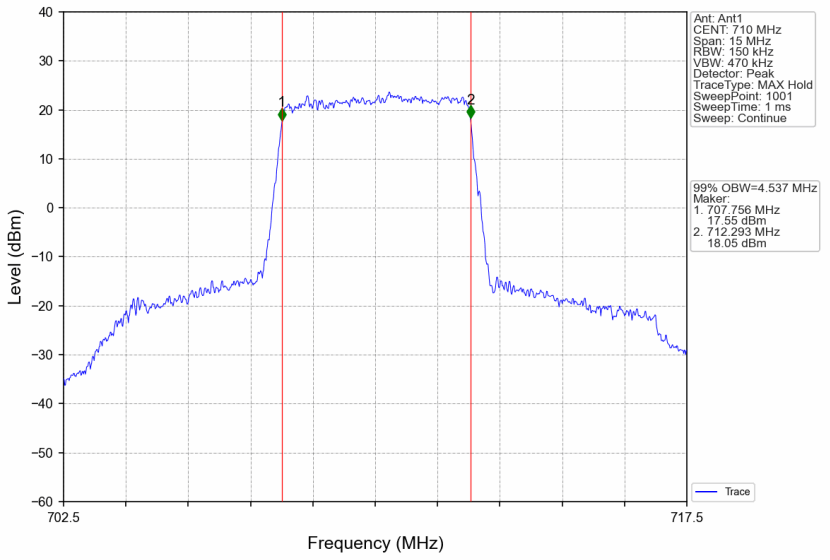
Band: 17 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	706.5	25	0	4.535	/	Pass
		710	25	0	4.537	/	Pass
		713.5	25	0	4.554	/	Pass
	16QAM	706.5	25	0	4.559	/	Pass
		710	25	0	4.552	/	Pass
		713.5	25	0	4.536	/	Pass
	64QAM	706.5	25	0	4.554	/	Pass
		710	25	0	4.526	/	Pass
		713.5	25	0	4.526	/	Pass
10	QPSK	709	50	0	9.038	/	Pass
		710	50	0	9.018	/	Pass
		711	50	0	9.003	/	Pass
	16QAM	709	50	0	9.067	/	Pass
		710	50	0	9.006	/	Pass
		711	50	0	9.004	/	Pass
	64QAM	709	50	0	9.058	/	Pass
		710	50	0	9.000	/	Pass
		711	50	0	8.995	/	Pass

3.1.2 Test Graph

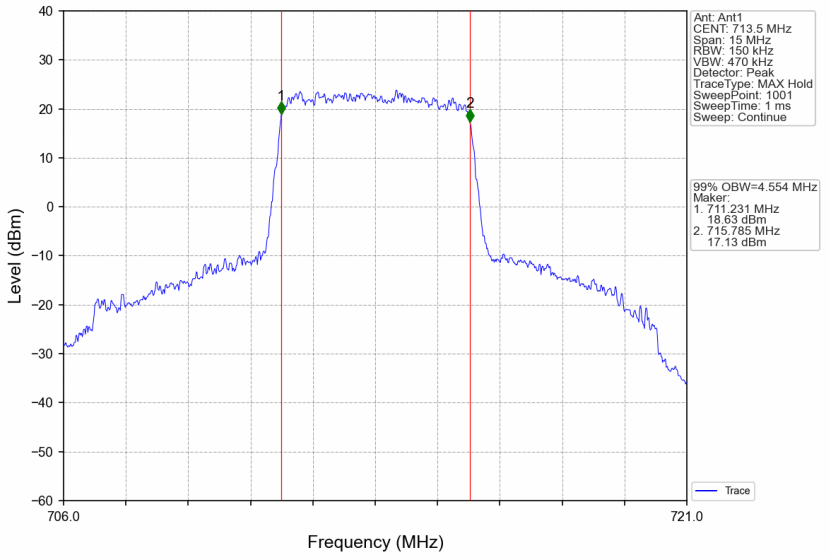
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



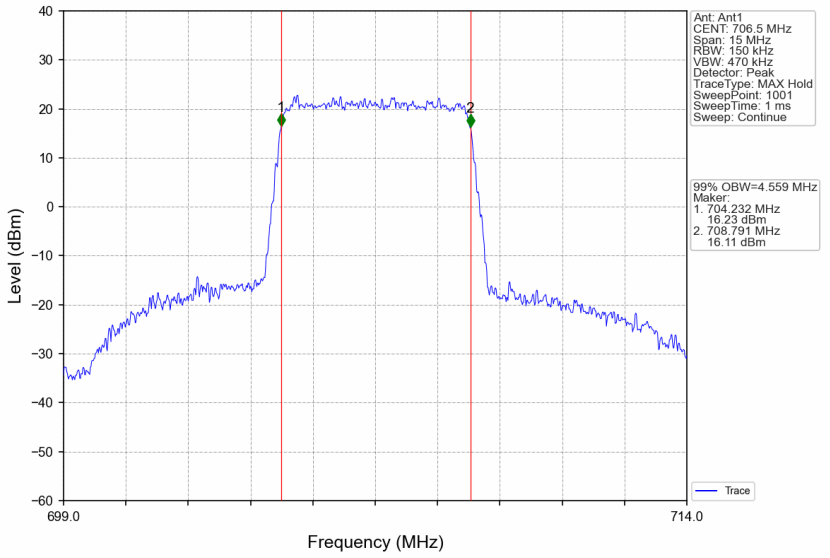
Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



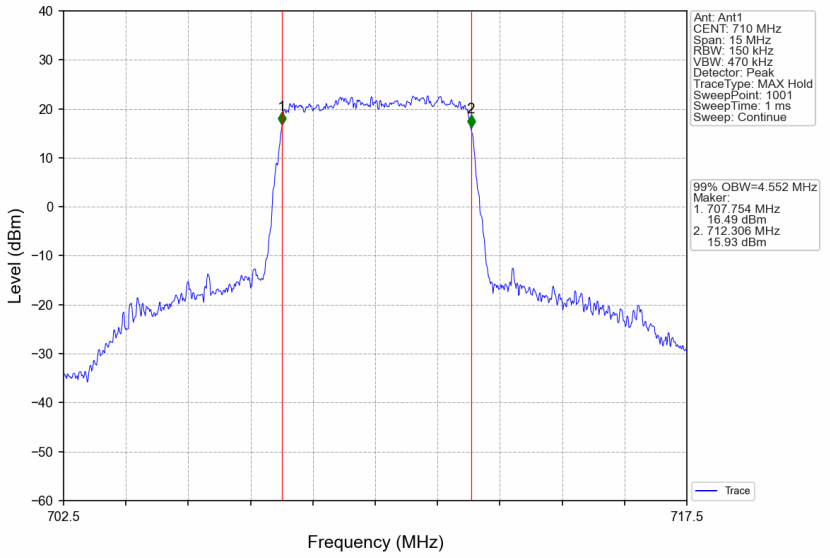
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



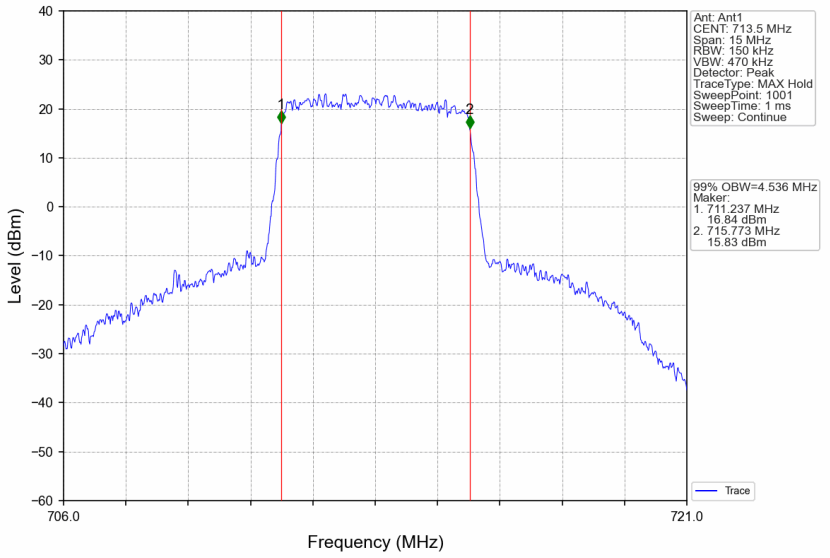
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



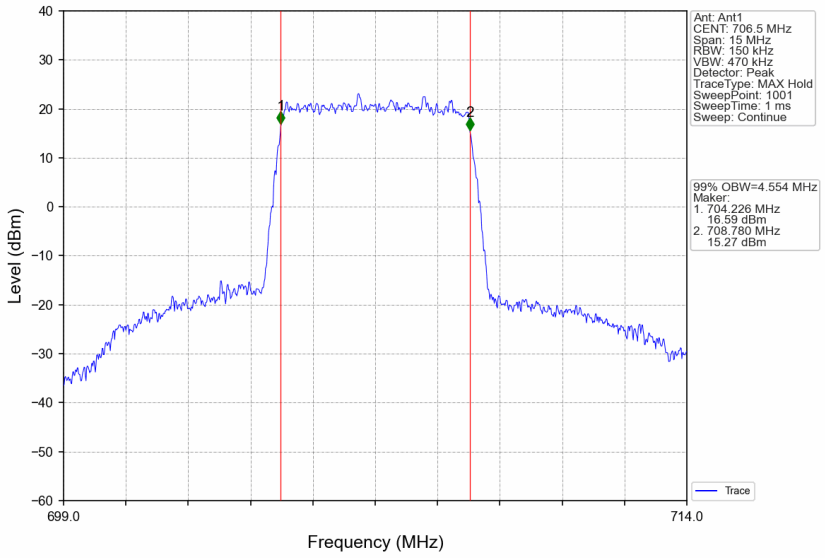
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



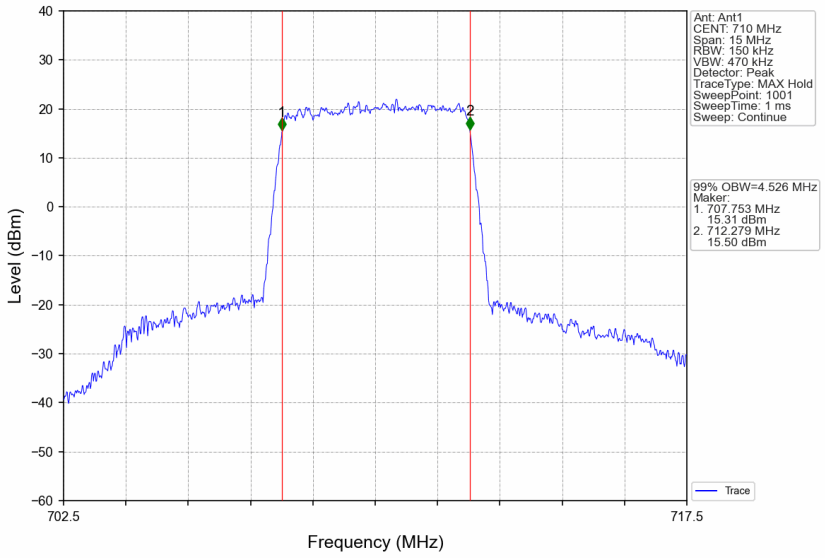
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



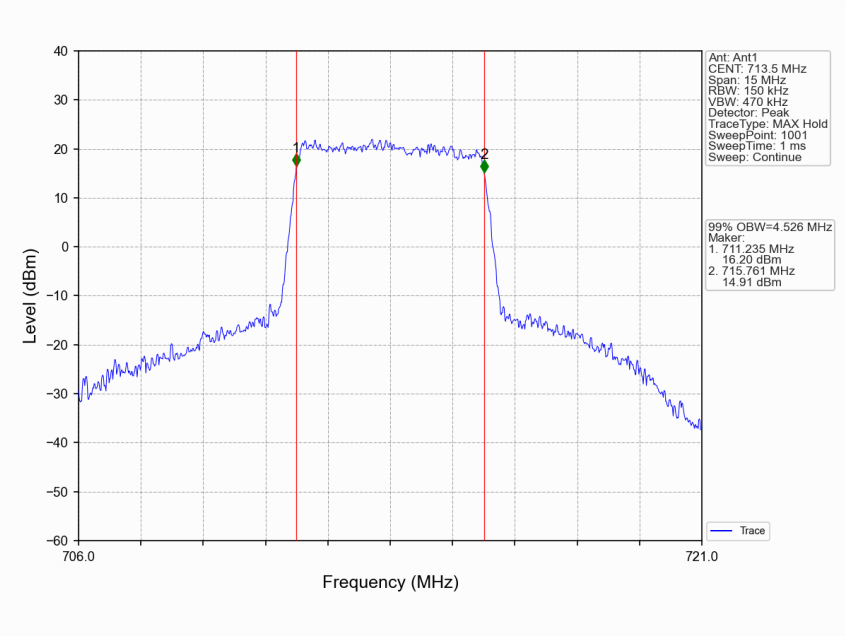
Band17_5MHz_64QAM_LCH_706.5MHz_RB_25_0_NTNV



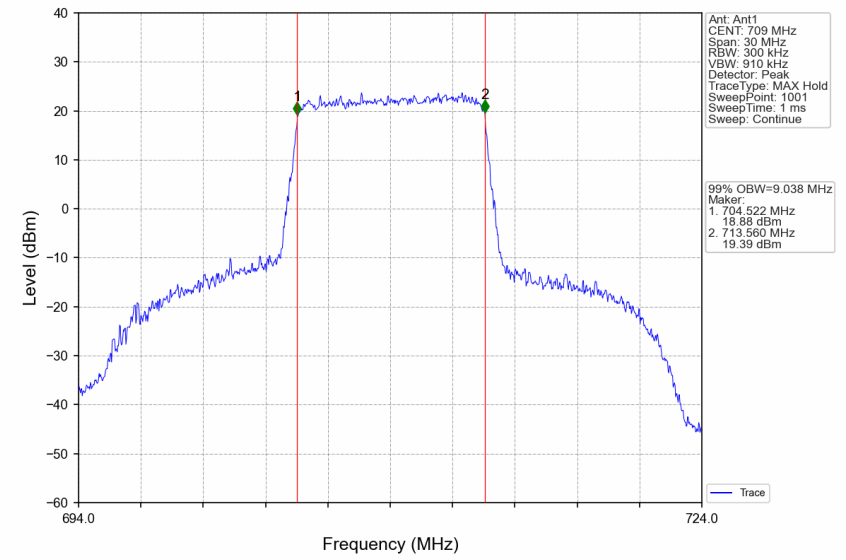
Band17_5MHz_64QAM_MCH_710MHz_RB_25_0_NTNV



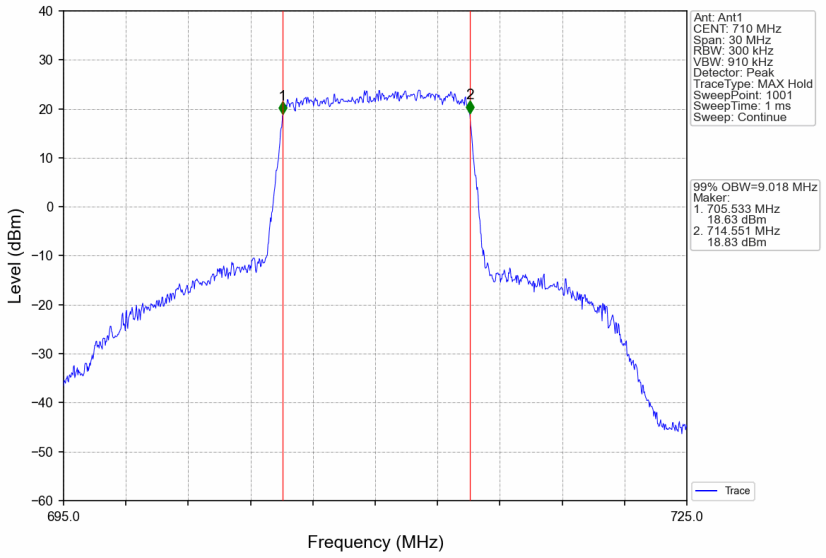
Band17_5MHz_64QAM_HCH_713.5MHz_RB_25_0_NTNV



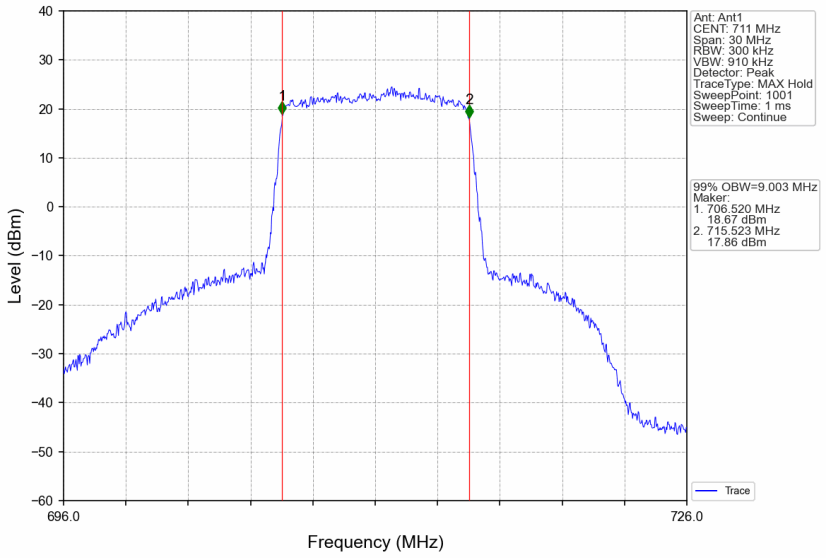
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



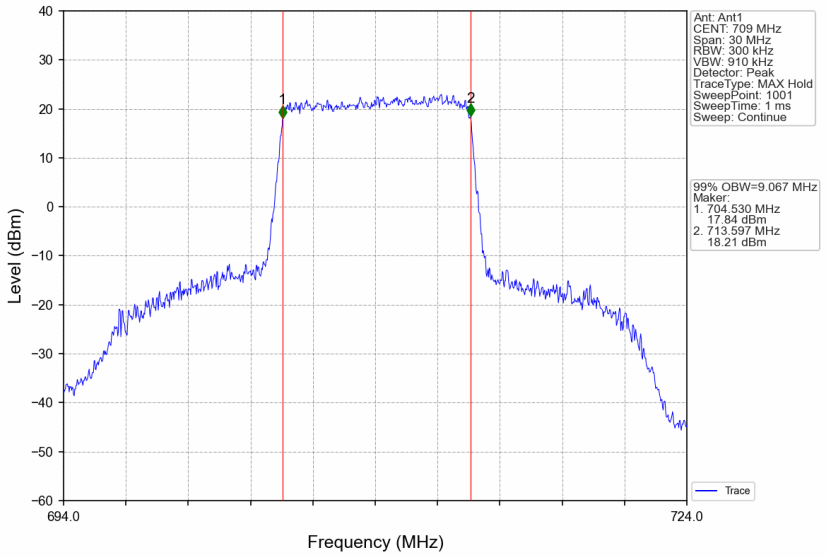
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



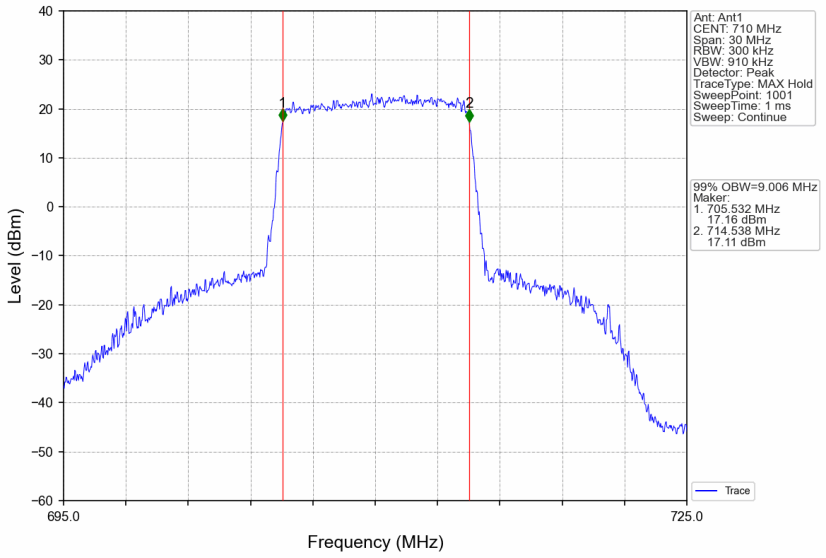
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



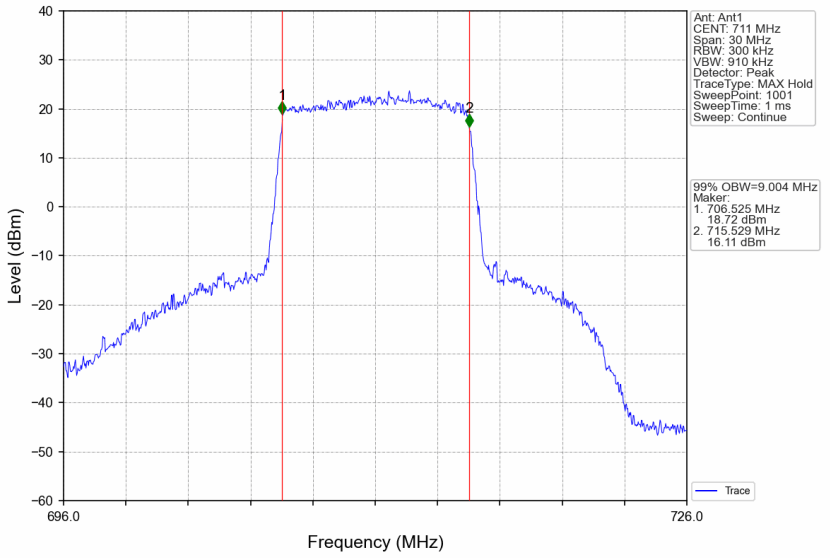
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



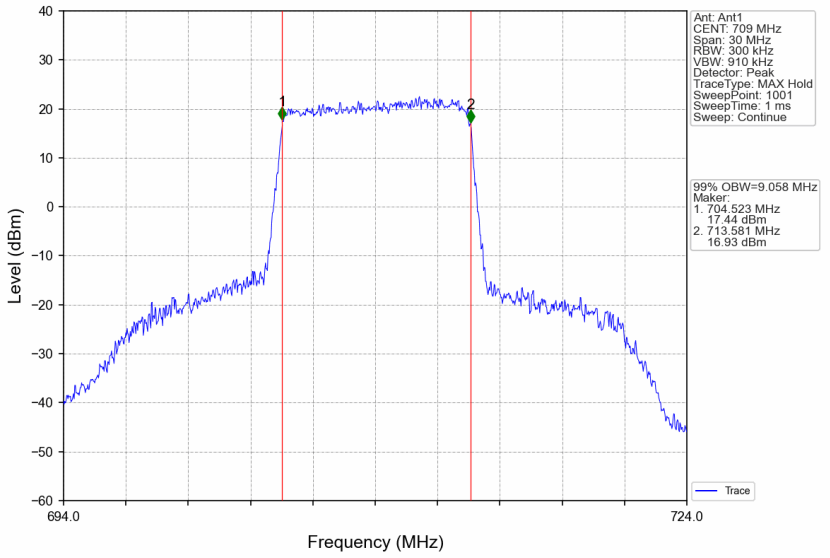
Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



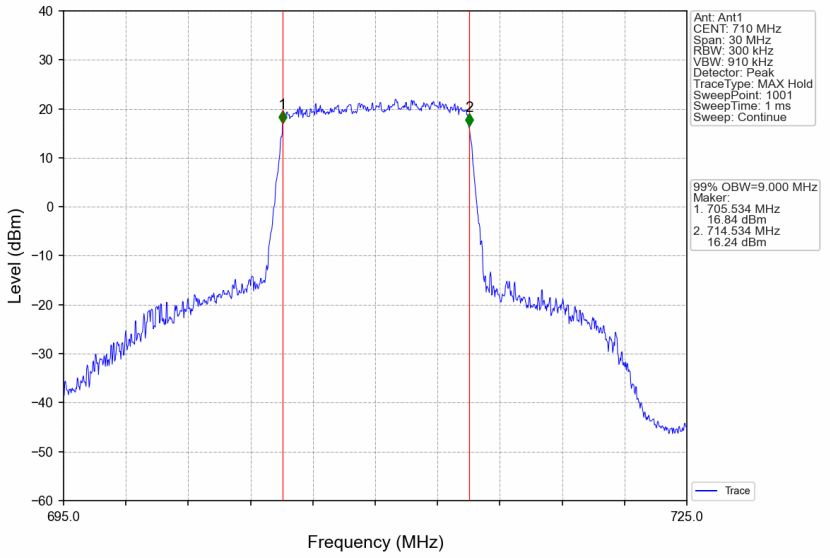
Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



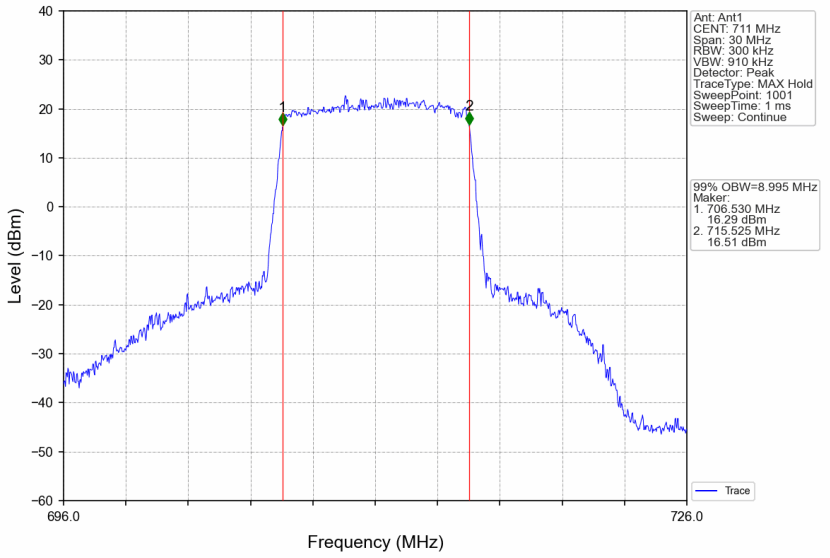
Band17_10MHz_64QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_64QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_64QAM_HCH_711MHz_RB_50_0_NTNV



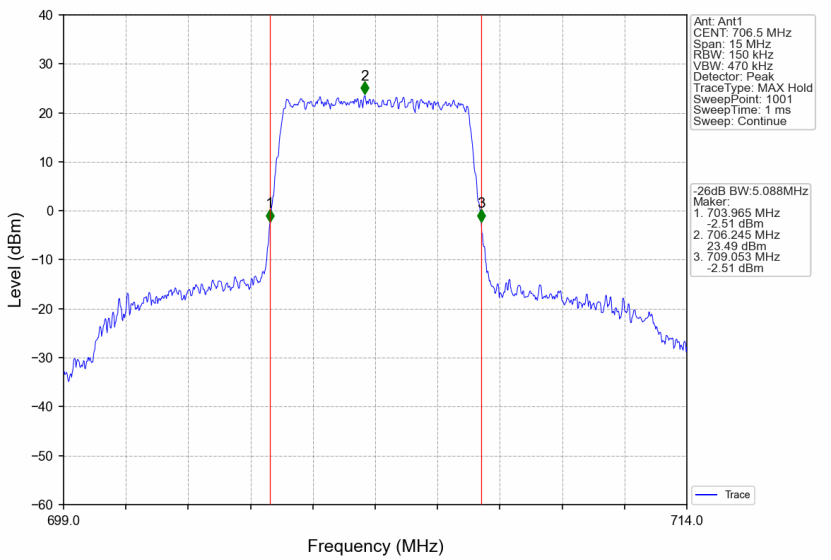
4. Band17_XDB

4.1.1 Test Result

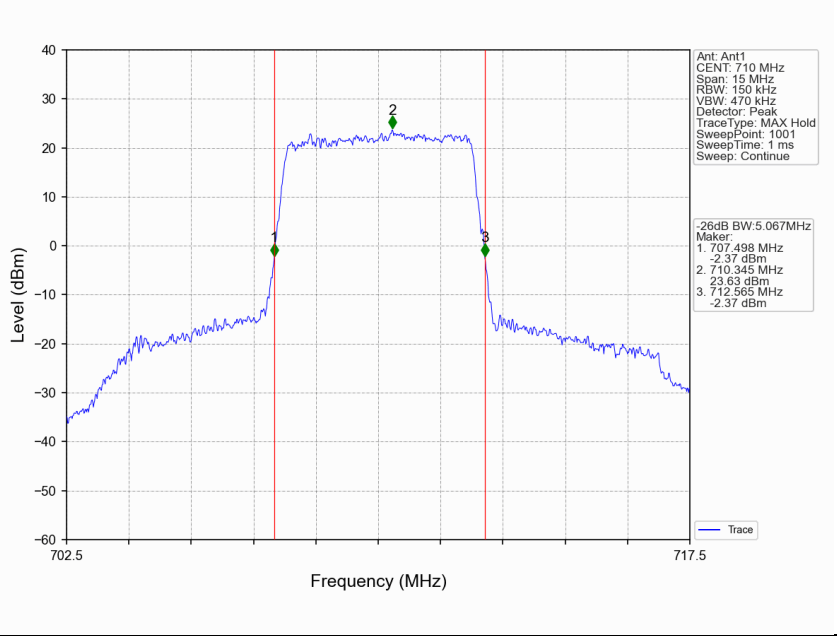
Band: 17 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	706.5	25	0	5.088	/	Pass
		710	25	0	5.067	/	Pass
		713.5	25	0	5.084	/	Pass
	16QAM	706.5	25	0	5.097	/	Pass
		710	25	0	5.083	/	Pass
		713.5	25	0	5.068	/	Pass
	64QAM	706.5	25	0	5.089	/	Pass
		710	25	0	5.062	/	Pass
		713.5	25	0	5.068	/	Pass
10	QPSK	709	50	0	10.153	/	Pass
		710	50	0	10.011	/	Pass
		711	50	0	9.948	/	Pass
	16QAM	709	50	0	10.057	/	Pass
		710	50	0	9.989	/	Pass
		711	50	0	9.963	/	Pass
	64QAM	709	50	0	10.004	/	Pass
		710	50	0	9.995	/	Pass
		711	50	0	9.950	/	Pass

4.1.2 Test Graph

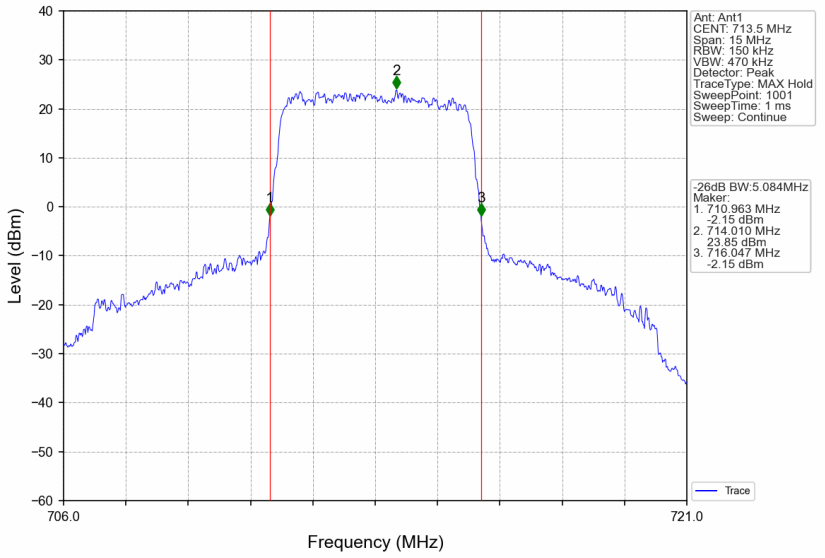
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



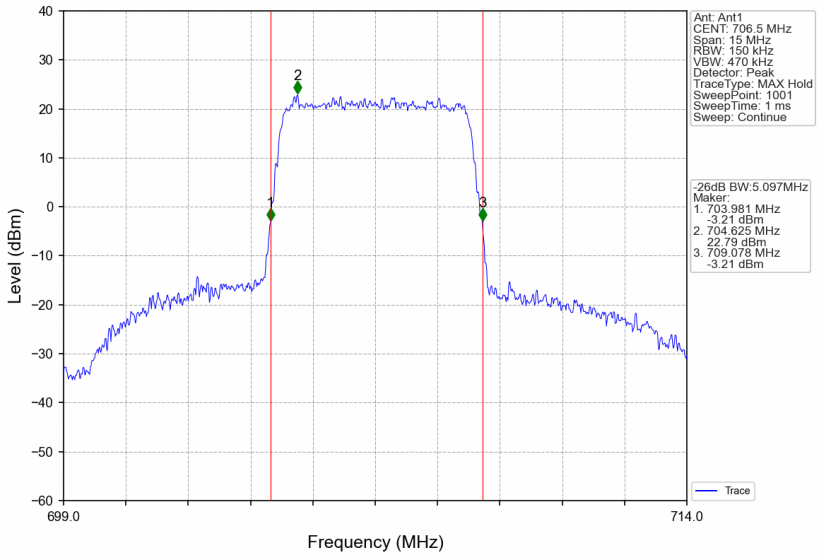
Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



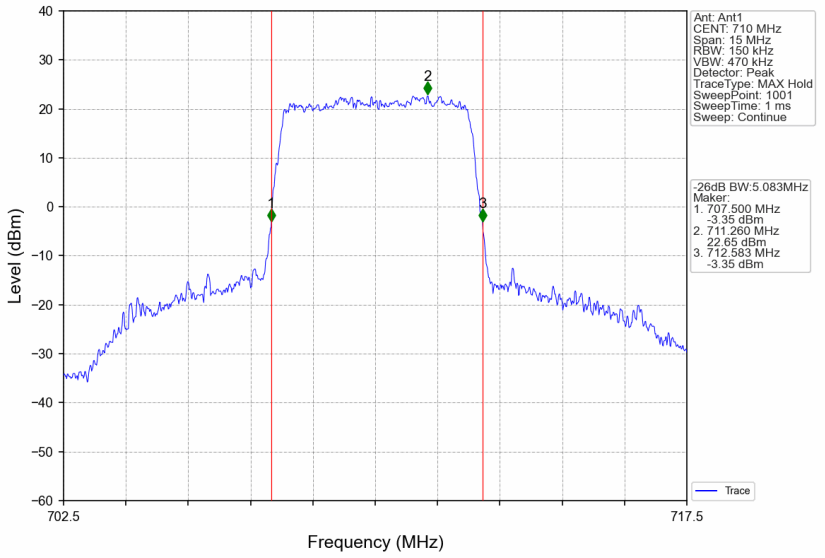
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



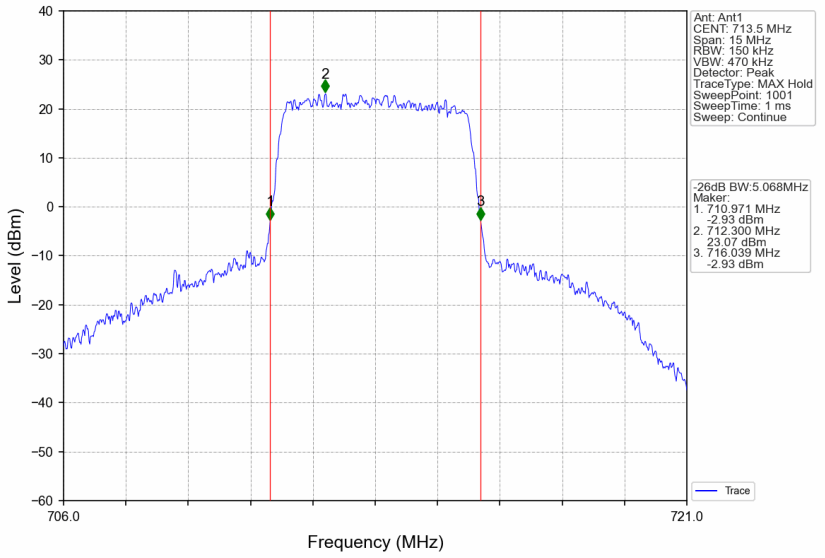
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



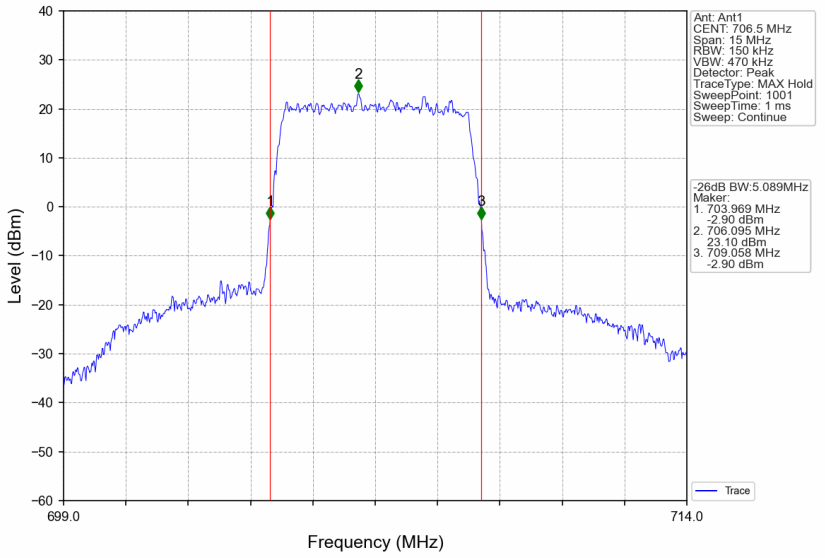
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



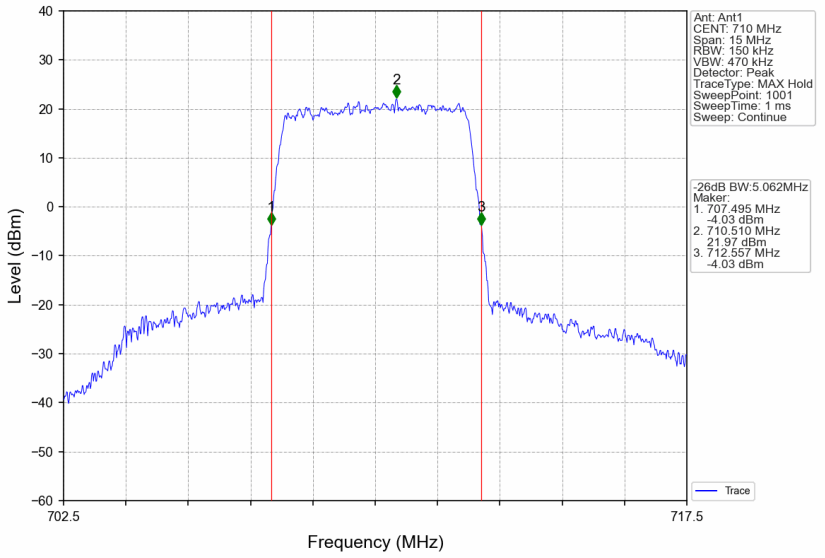
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



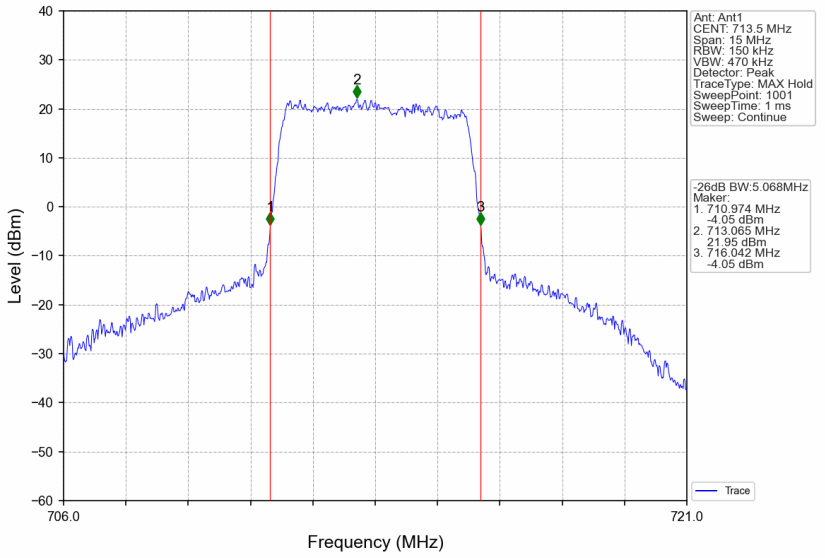
Band17_5MHz_64QAM_LCH_706.5MHz_RB_25_0_NTNV



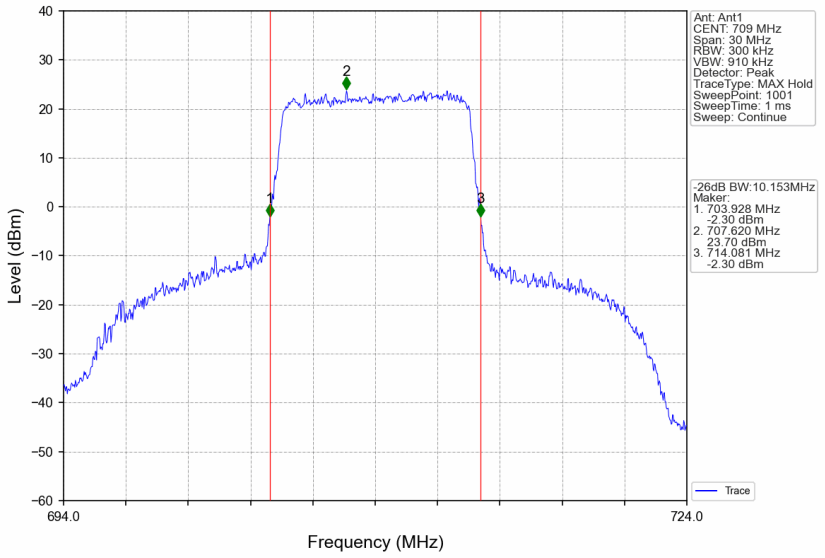
Band17_5MHz_64QAM_MCH_710MHz_RB_25_0_NTNV



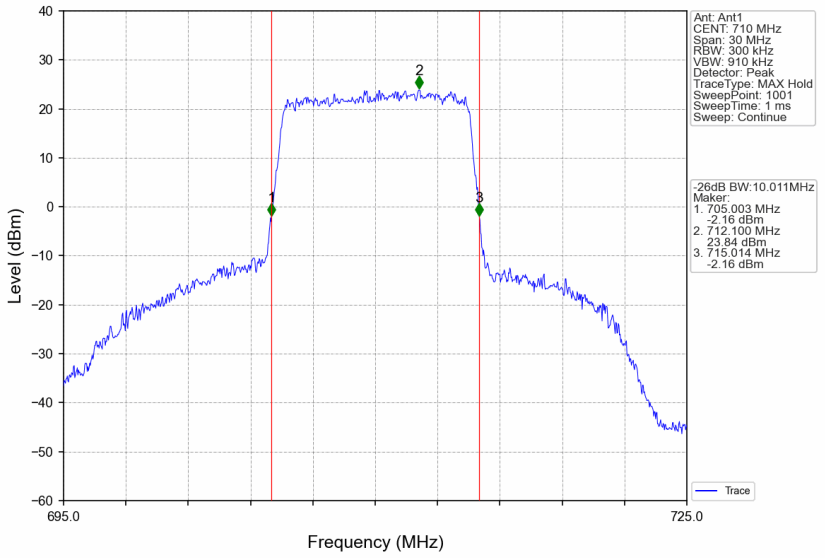
Band17_5MHz_64QAM_HCH_713.5MHz_RB_25_0_NTNV



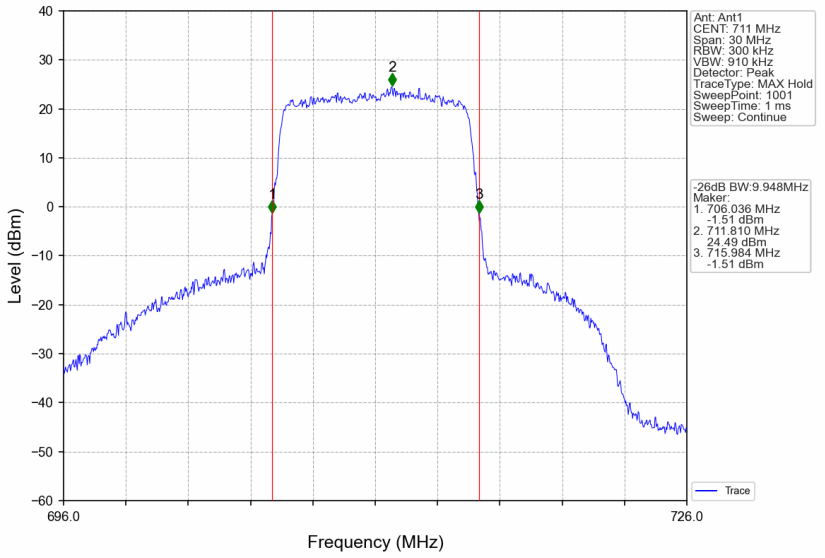
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



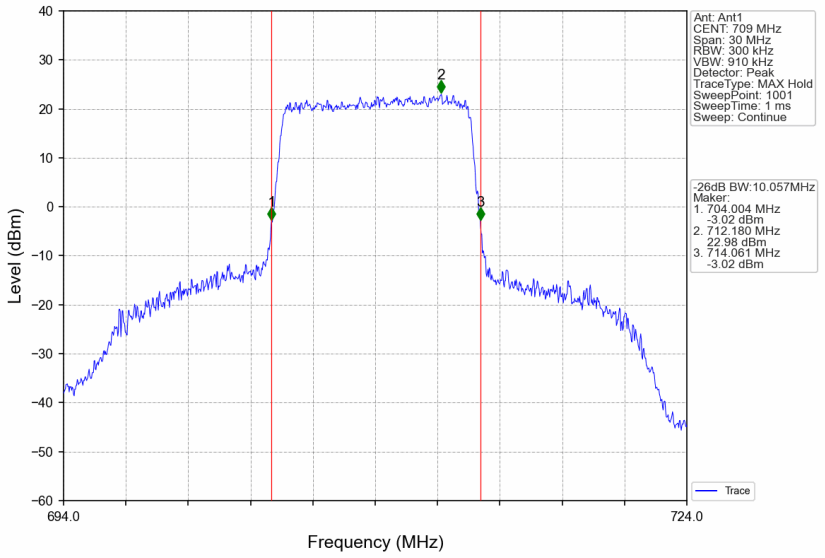
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



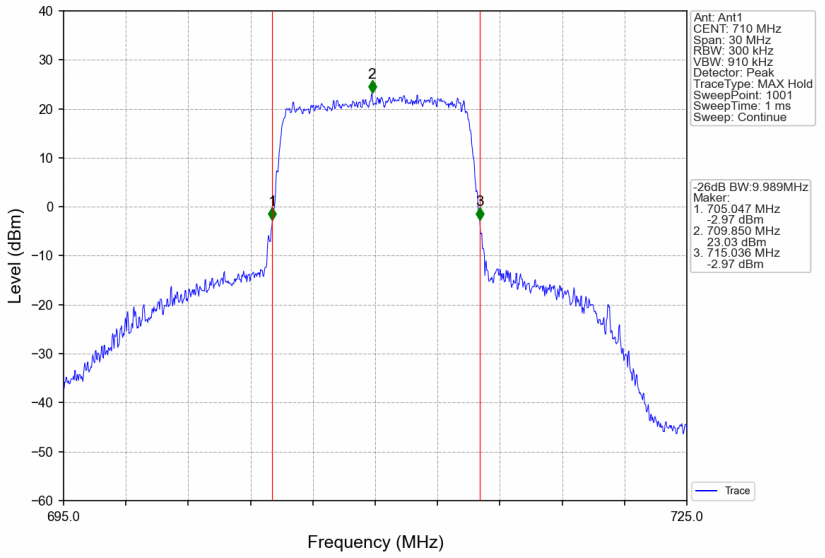
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



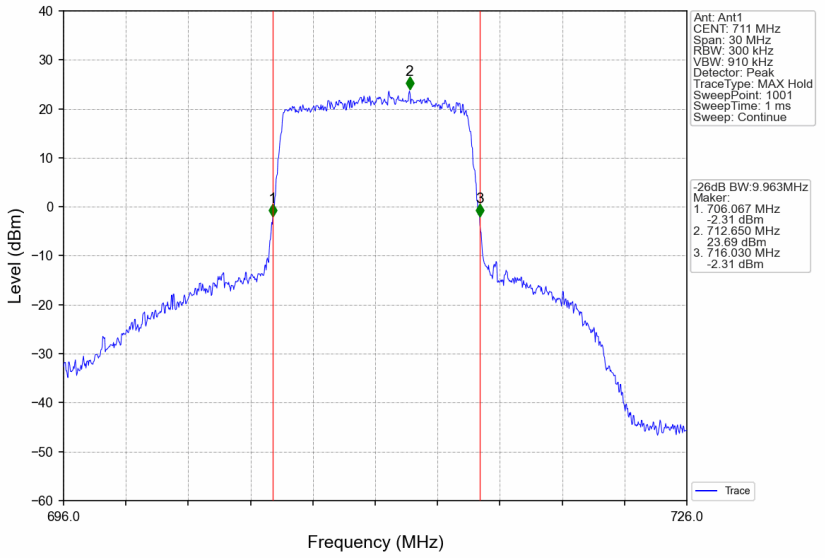
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



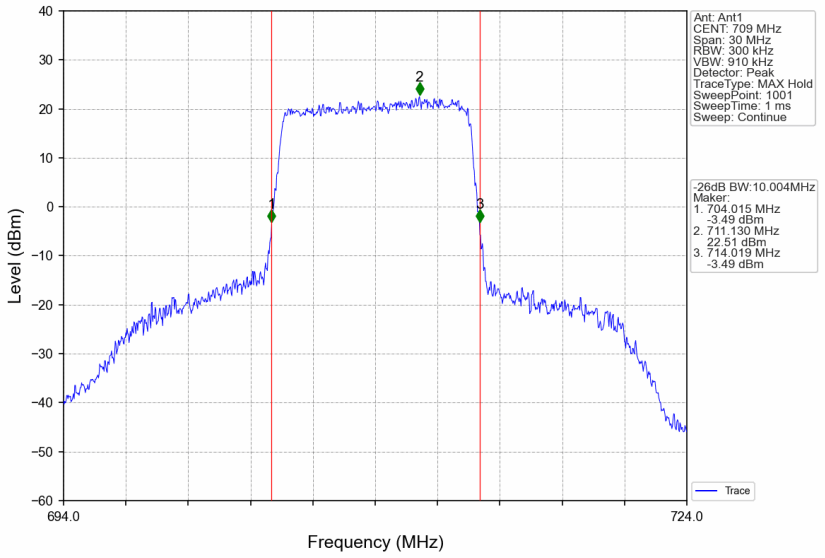
Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



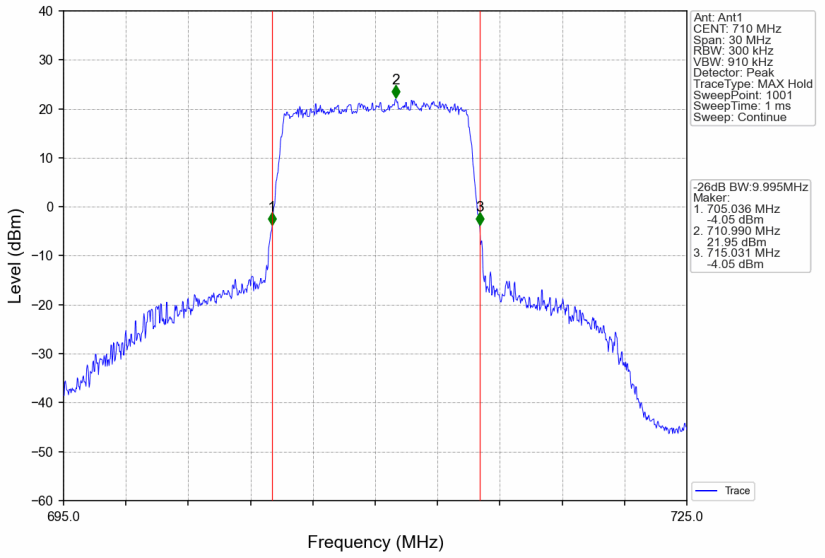
Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



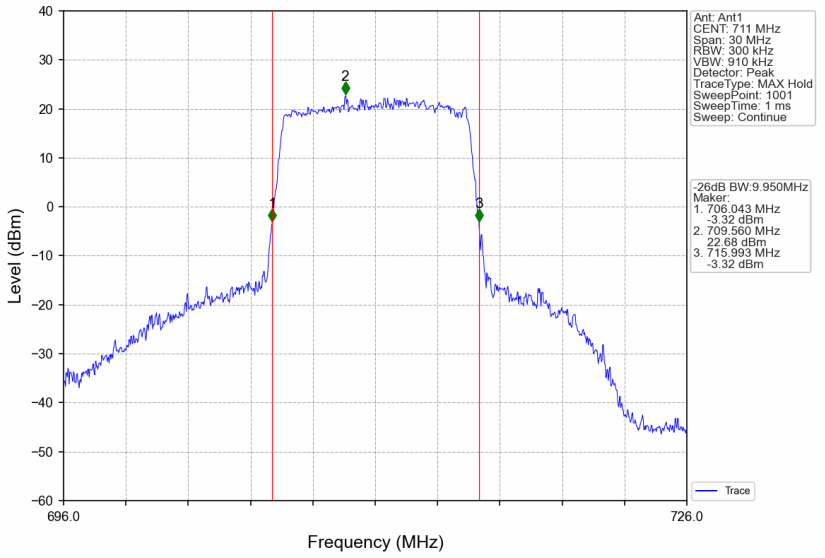
Band17_10MHz_64QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_64QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_64QAM_HCH_711MHz_RB_50_0_NTNV



5. Peak-Average Ratio

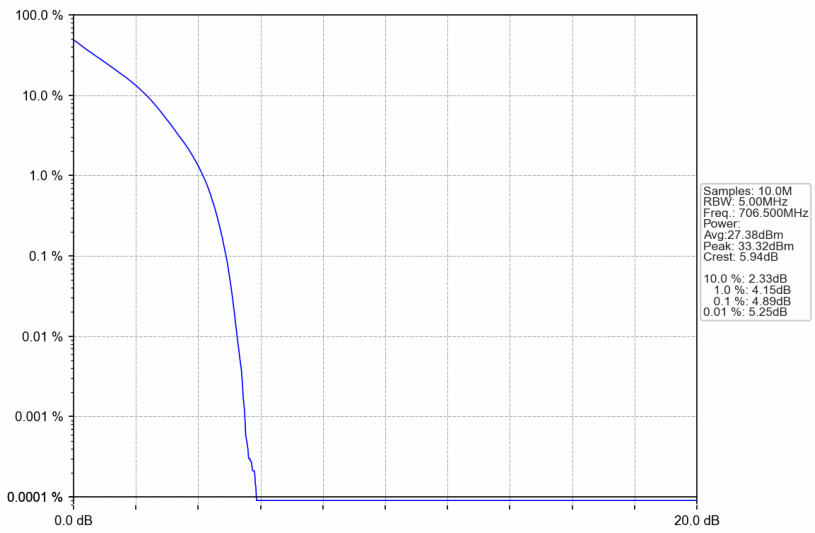
5.1 B17_5MHz

5.1.1 Test Result

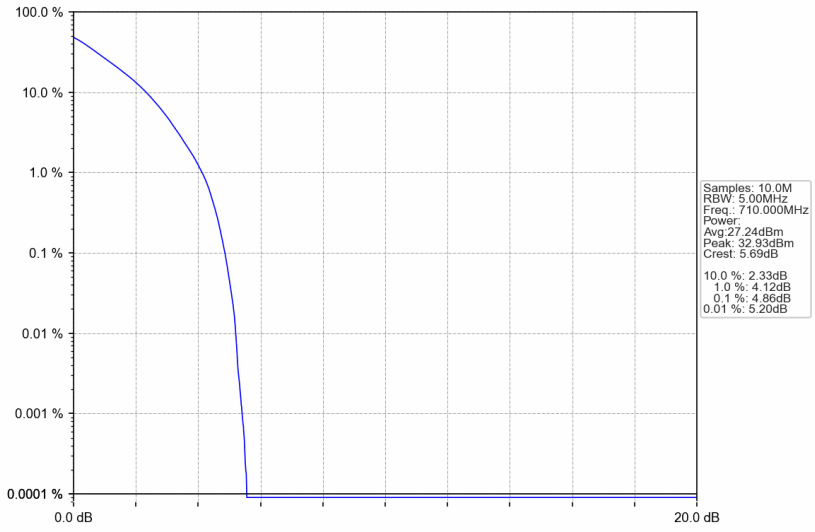
Band: 17 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	706.5	25	0	4.89	<=13	Pass
	710	25	0	4.86	<=13	Pass
	713.5	25	0	4.52	<=13	Pass
16QAM	706.5	25	0	5.69	<=13	Pass
	710	25	0	5.65	<=13	Pass
	713.5	25	0	5.29	<=13	Pass
64QAM	706.5	25	0	6.23	<=13	Pass
	710	25	0	6.22	<=13	Pass
	713.5	25	0	5.87	<=13	Pass

5.1.2 Test Graph

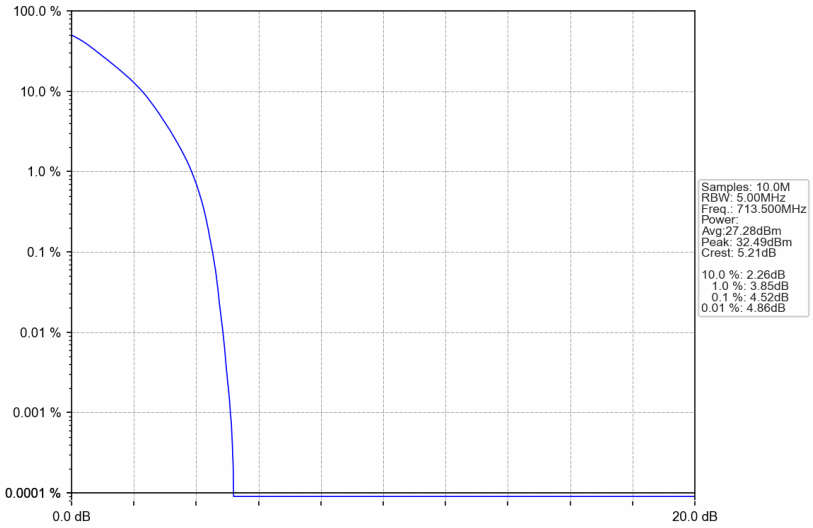
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



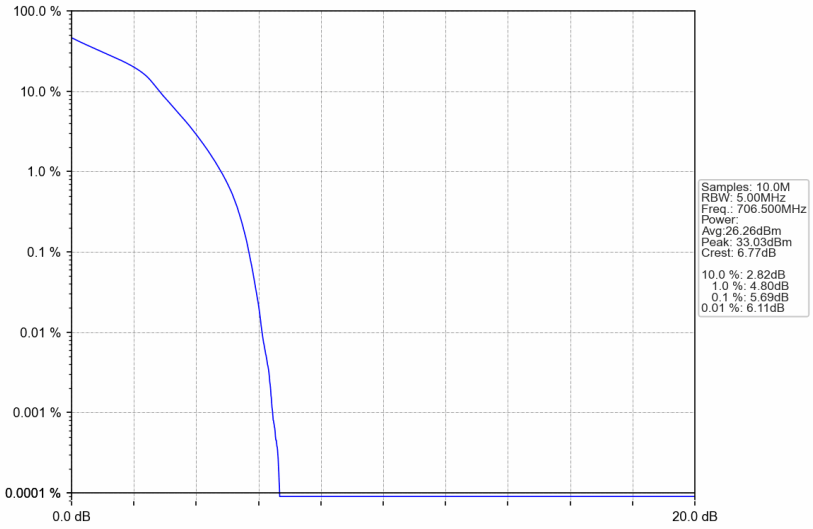
Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



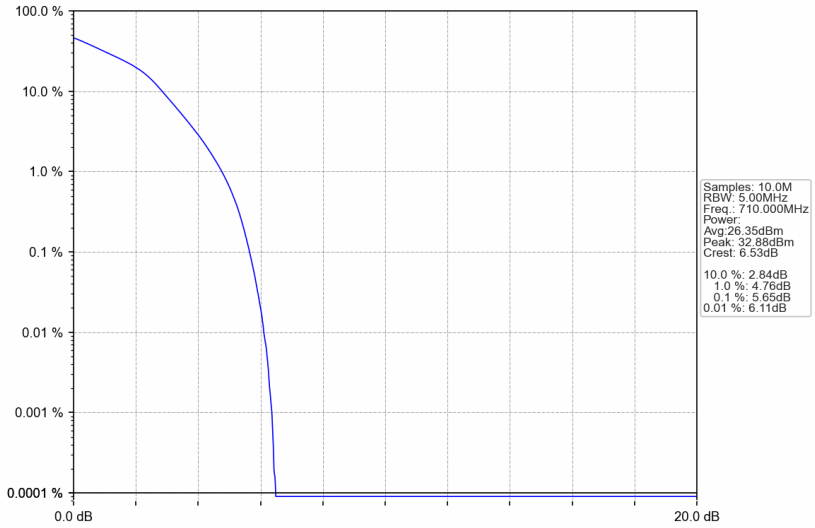
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



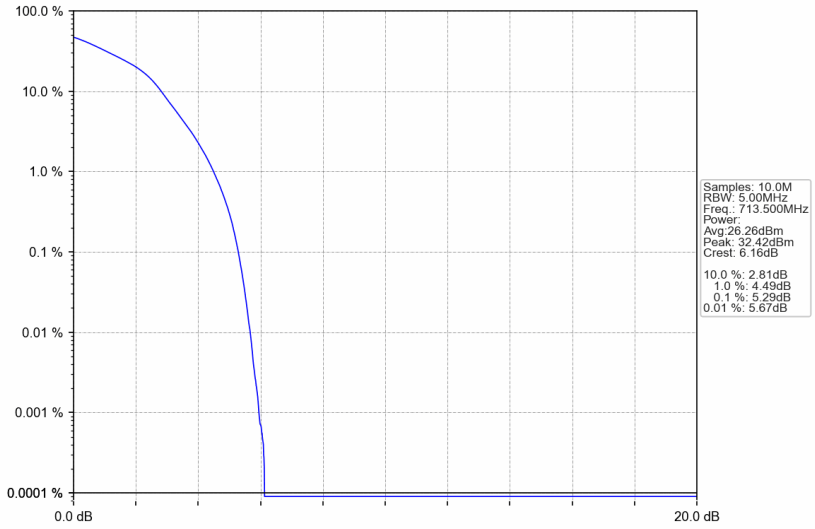
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



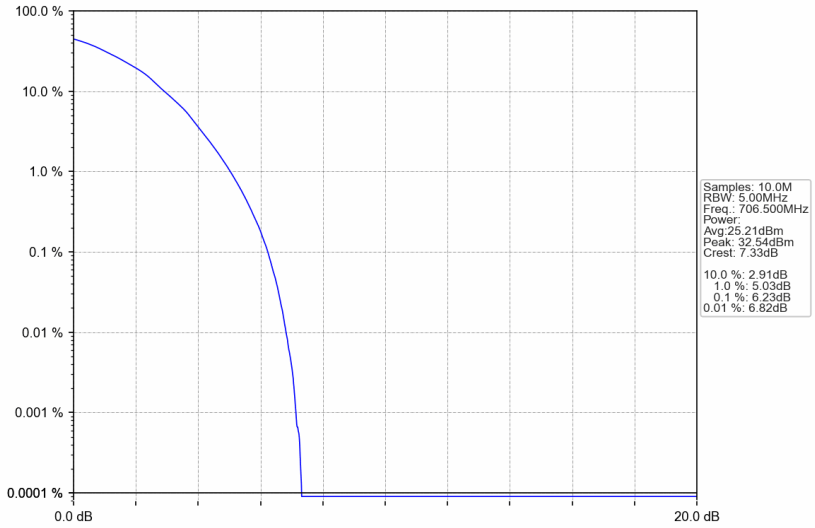
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



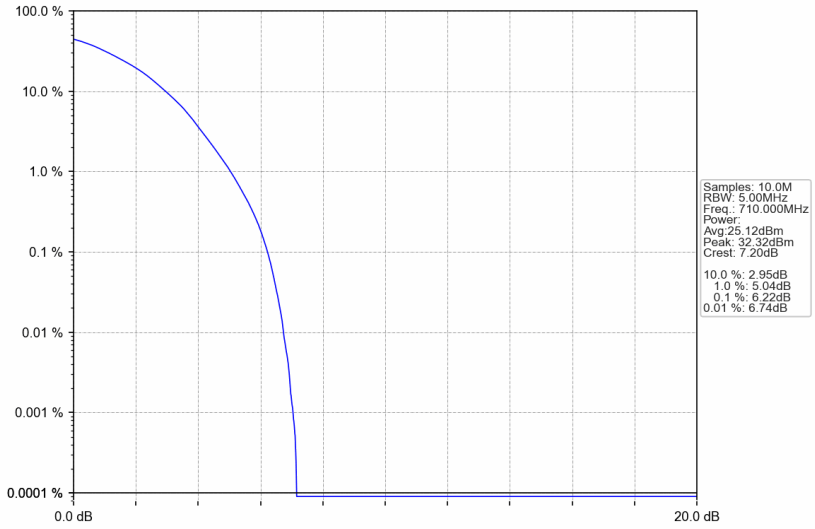
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



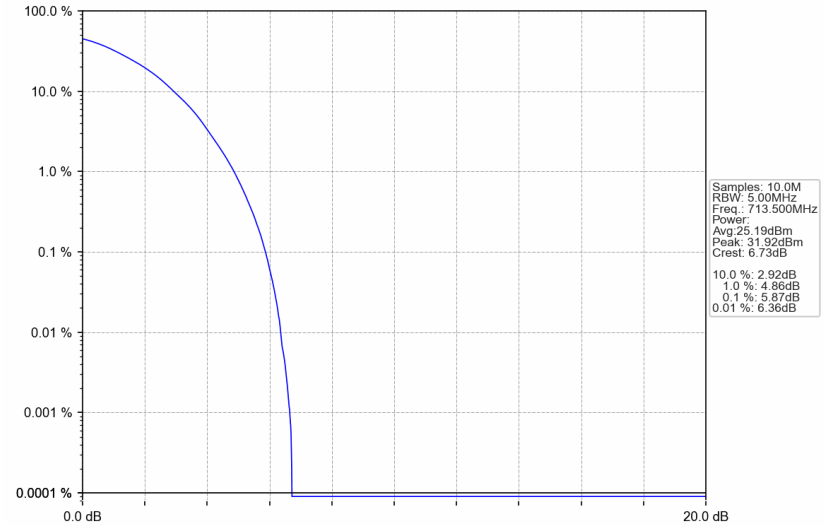
Band17_5MHz_64QAM_LCH_706.5MHz_RB_25_0_NTNV



Band17_5MHz_64QAM_MCH_710MHz_RB_25_0_NTNV



Band17_5MHz_64QAM_HCH_713.5MHz_RB_25_0_NTNV



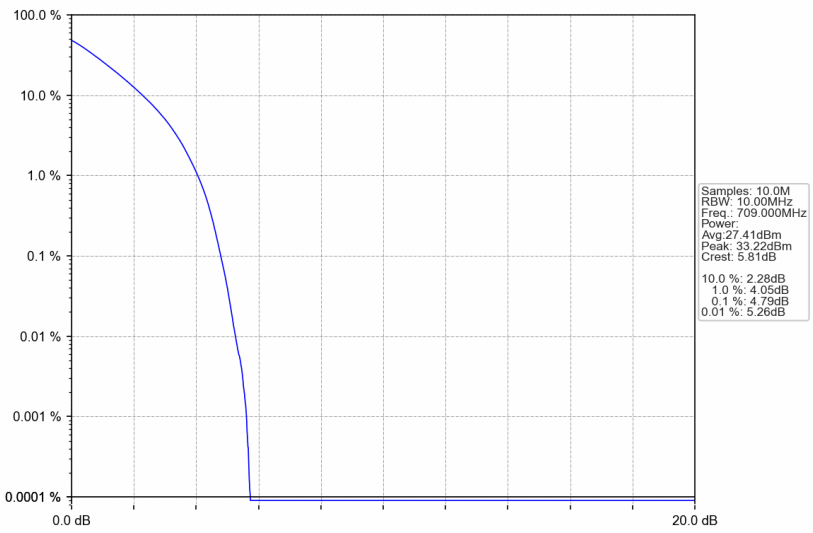
5.2 B17_10MHz

5.2.1 Test Result

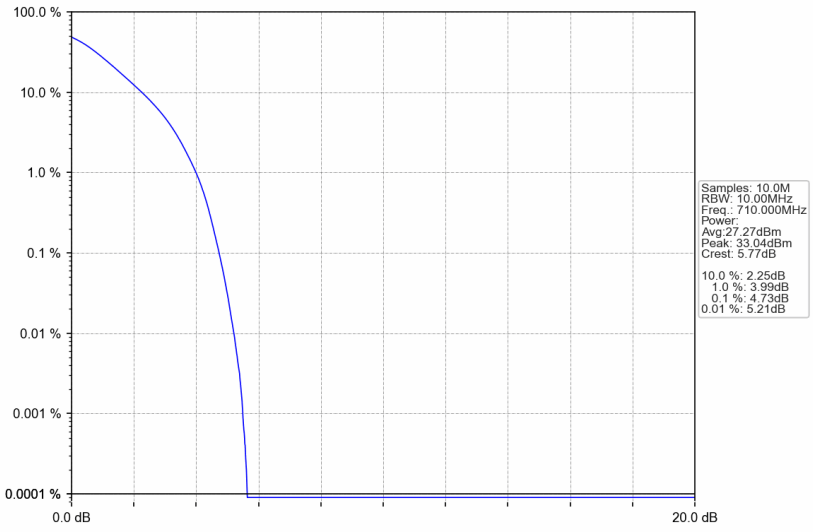
Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	709	50	0	4.79	<=13	Pass
	710	50	0	4.73	<=13	Pass
	711	50	0	4.63	<=13	Pass
16QAM	709	50	0	5.57	<=13	Pass
	710	50	0	5.54	<=13	Pass
	711	50	0	5.48	<=13	Pass
64QAM	709	50	0	6.06	<=13	Pass
	710	50	0	6.10	<=13	Pass
	711	50	0	5.99	<=13	Pass

5.2.2 Test Graph

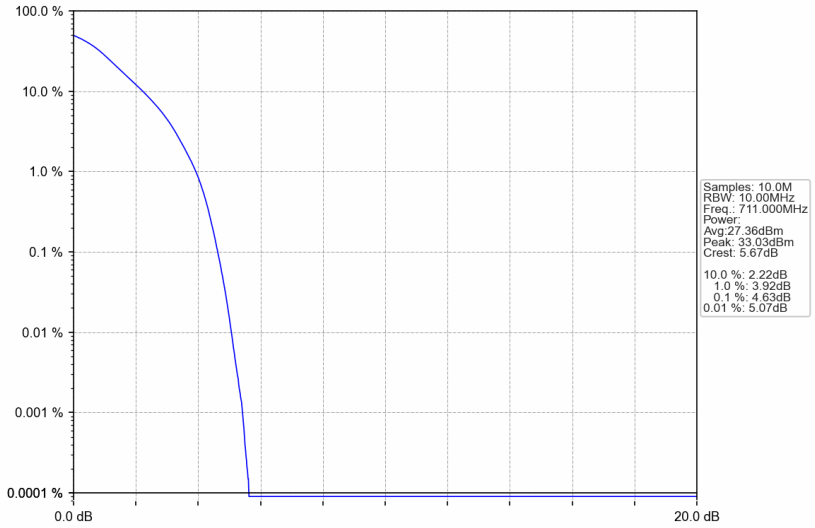
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



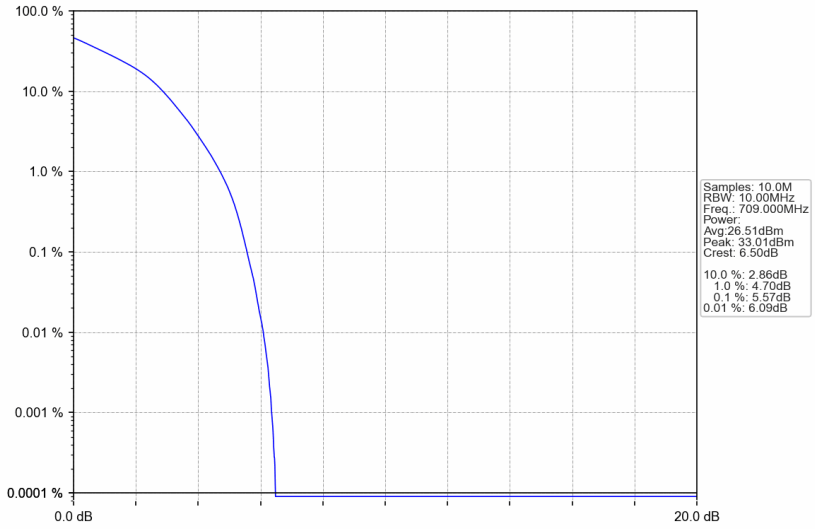
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



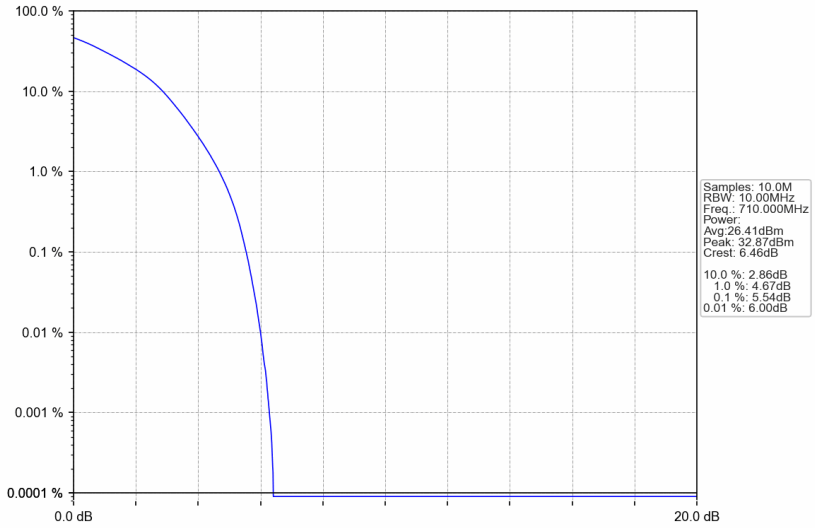
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



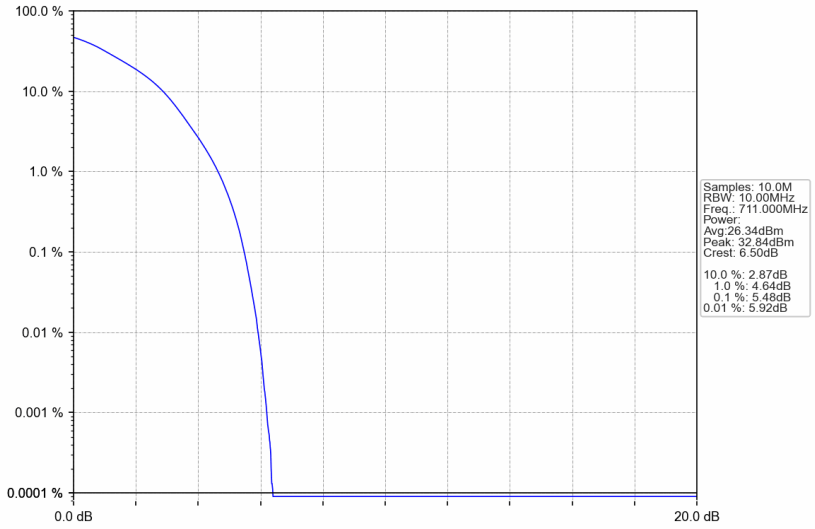
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



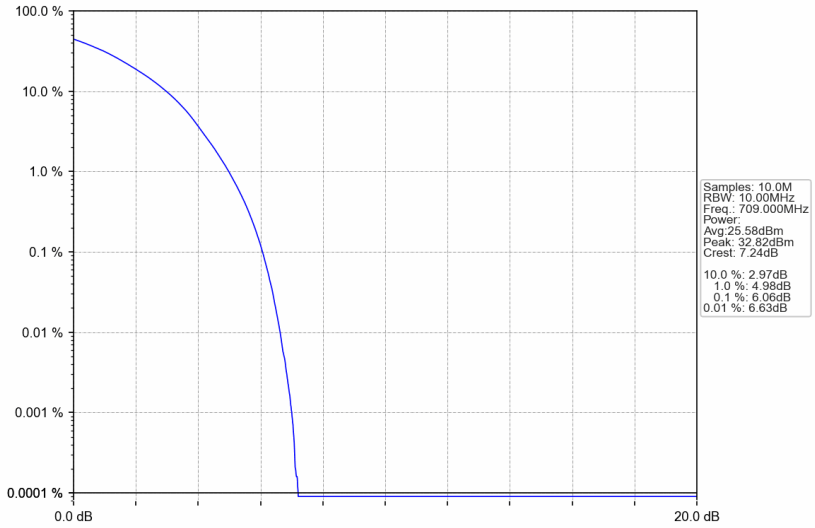
Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



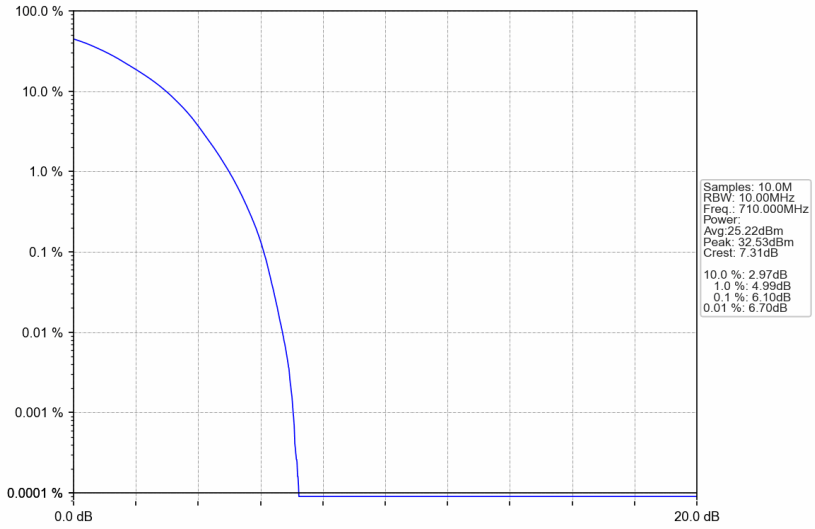
Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



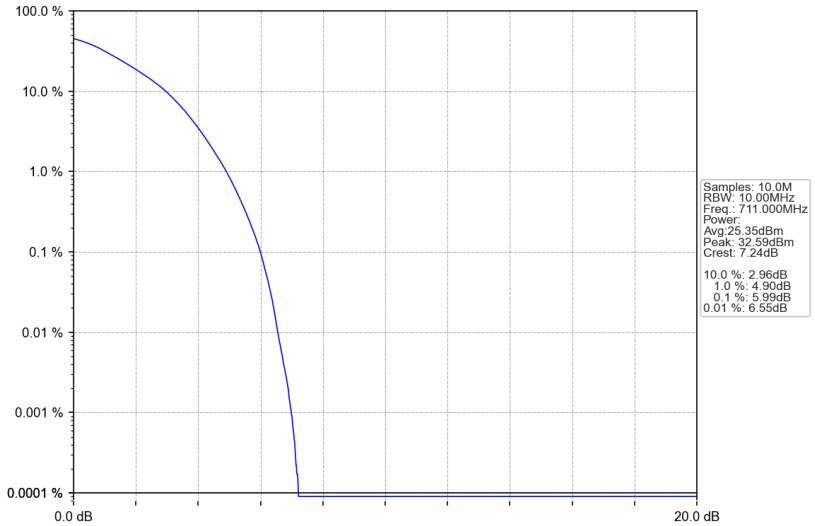
Band17_10MHz_64QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_64QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_64QAM_HCH_711MHz_RB_50_0_NTNV



6. Spurious Emission

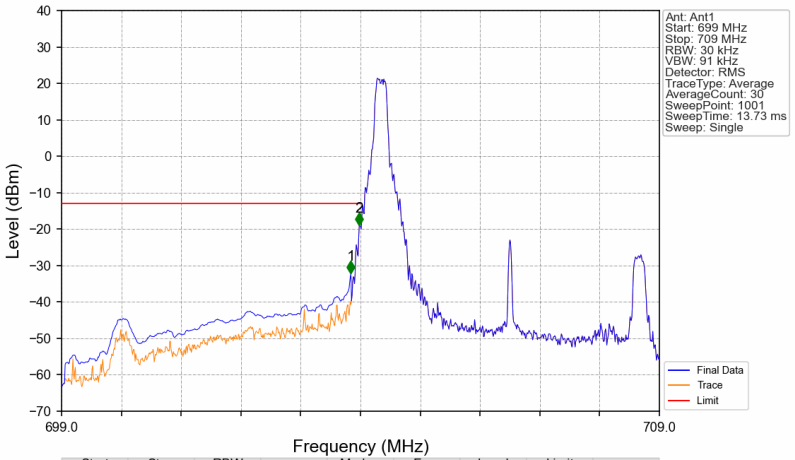
6.1 B17_5MHz

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
64QAM	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

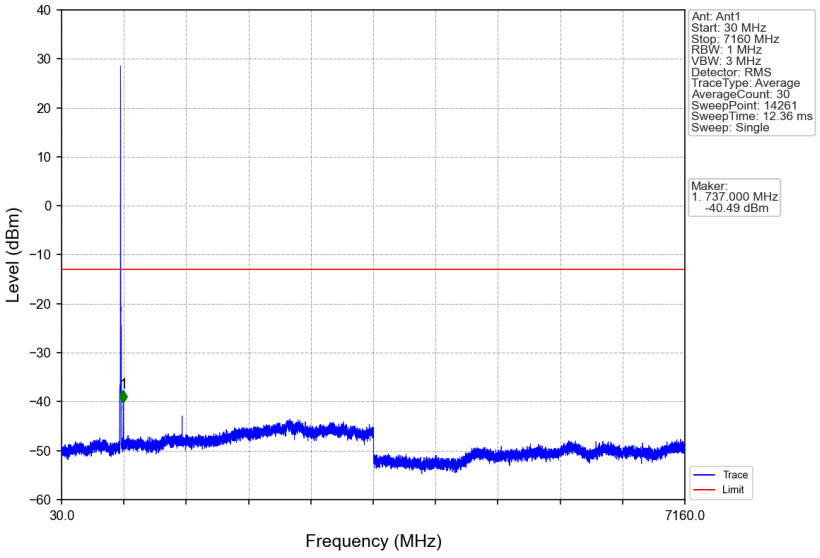
6.1.2 Test Graph

Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV

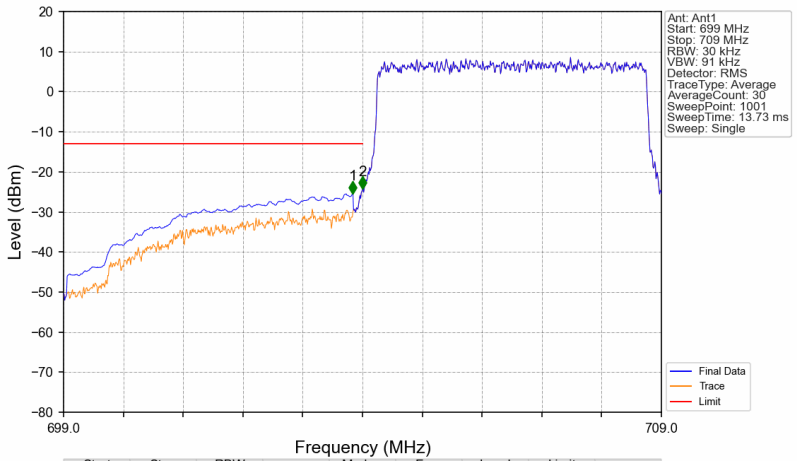


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-32.18	-13	Pass
703.9	704	0.03	/	2	703.980	-18.93	-13	Pass
704	709	0.03	/	/	/	/	/	/

Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV

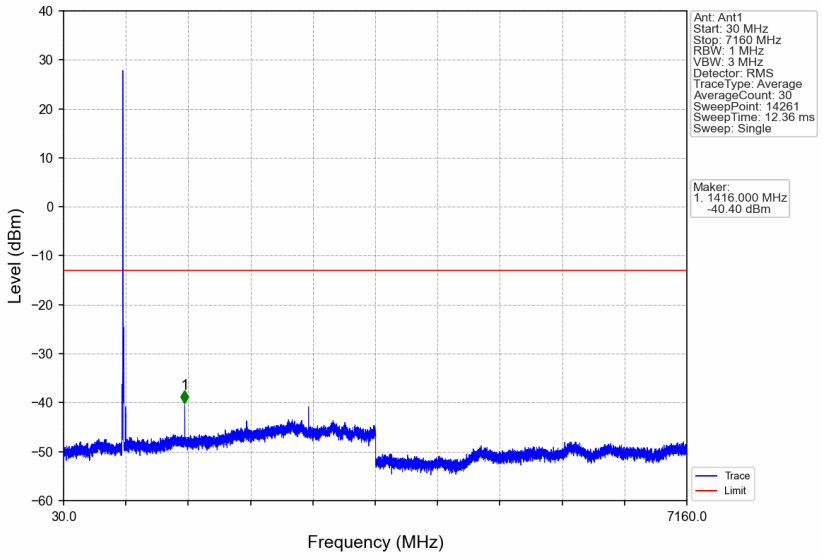


Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV

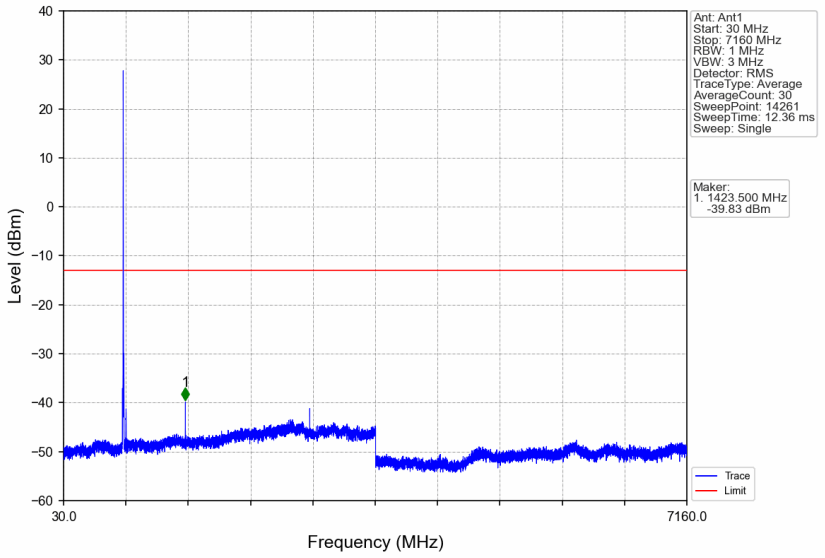


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-25.42	-13	Pass
703.9	704	0.03	/	2	704.000	-24.29	-13	Pass
704	709	0.03	/	/	/	/	/	/

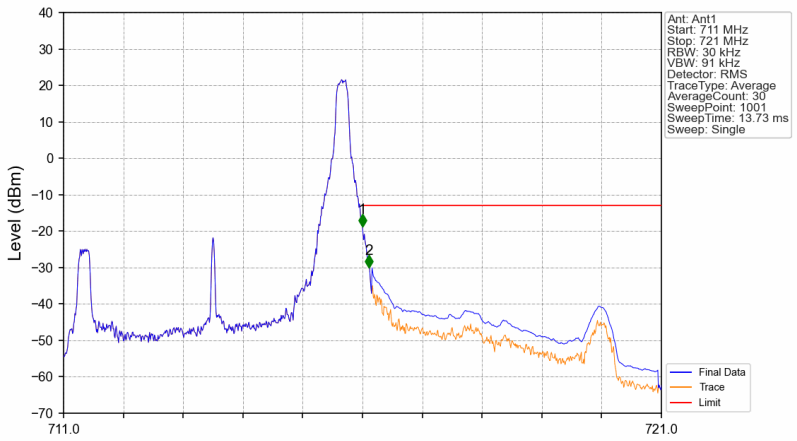
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV

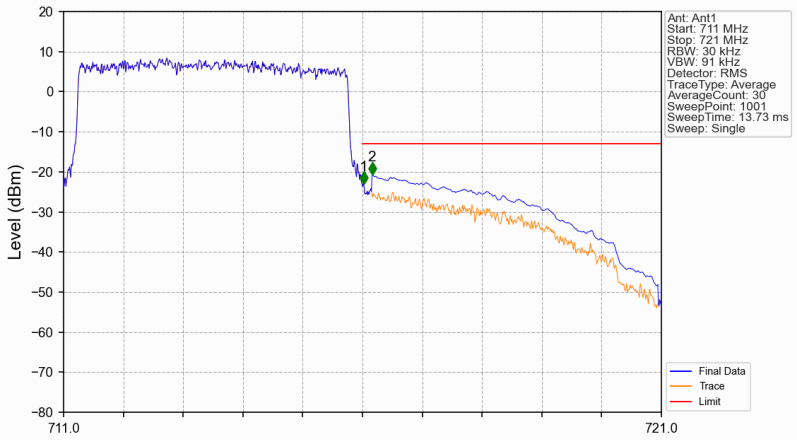


Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV



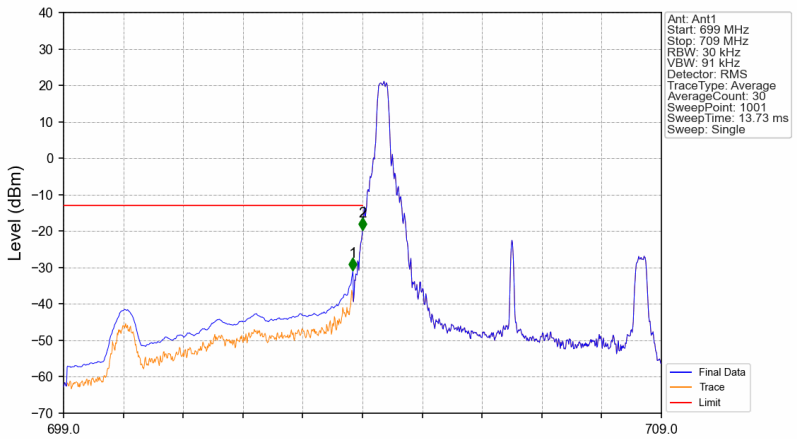
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-18.73	-13	Pass
716.1	721	0.1	CHP	2	716.110	-30.06	-13	Pass

Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



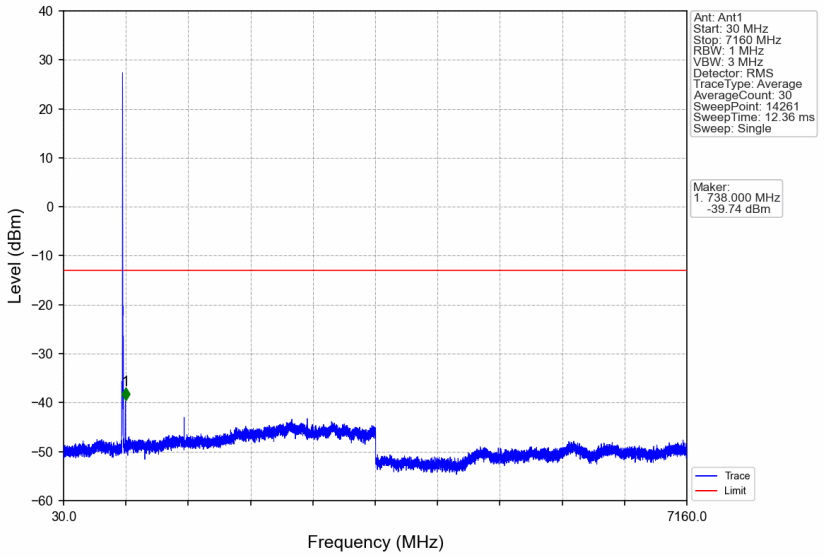
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.020	-22.98	-13	Pass
716.1	721	0.1	CHP	2	716.160	-20.66	-13	Pass

Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV

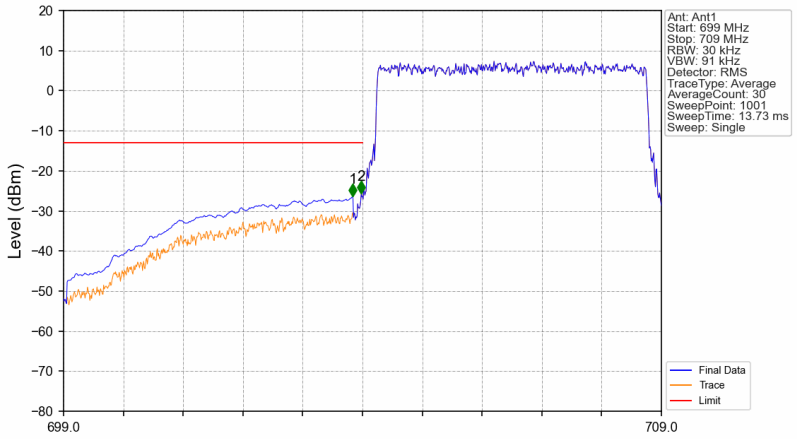


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-30.84	-13	Pass
703.9	704	0.03	/	2	704.000	-19.84	-13	Pass
704	709	0.03	/	/	/	/	/	/

Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV

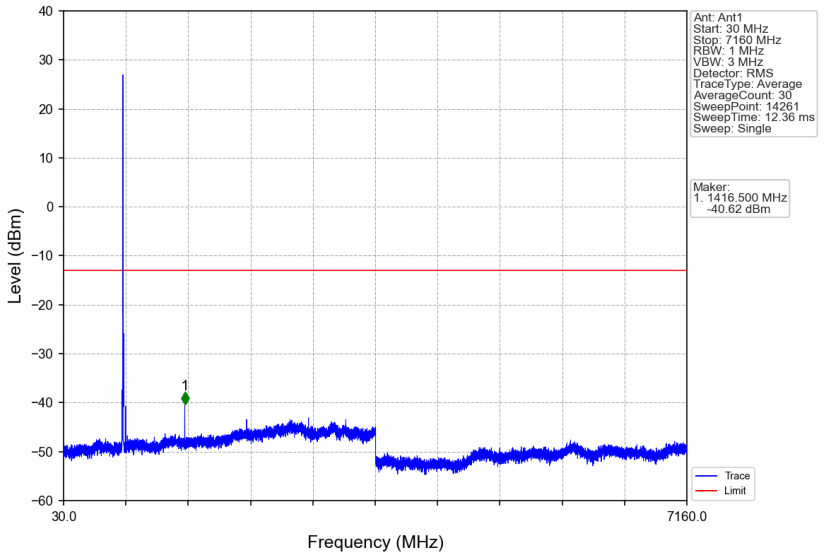


Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV

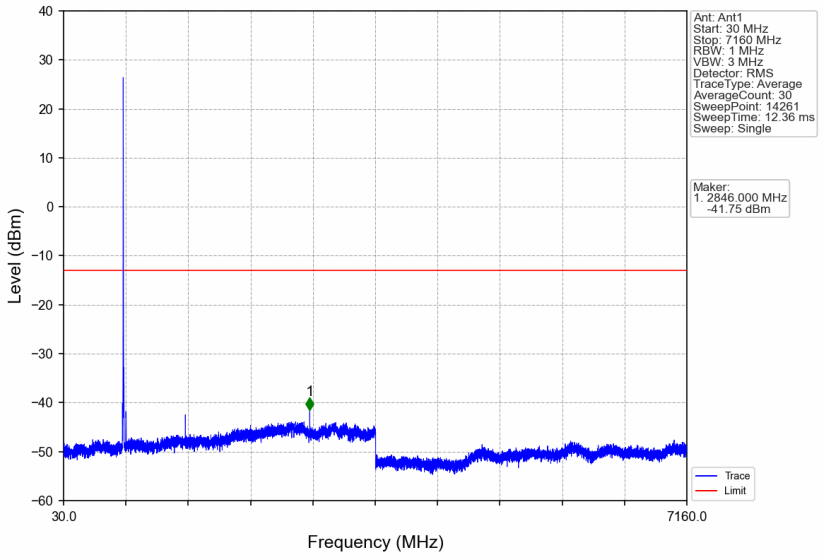


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-26.44	-13	Pass
703.9	704	0.03	/	2	703.980	-25.67	-13	Pass
704	709	0.03	/	/	/	/	/	/

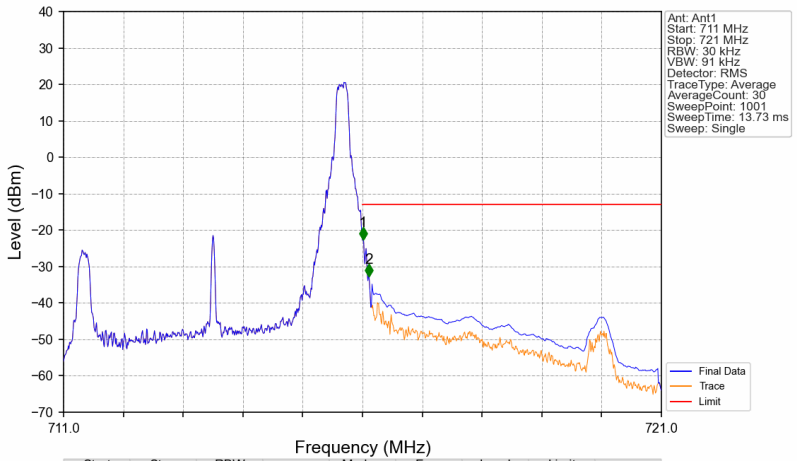
Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV

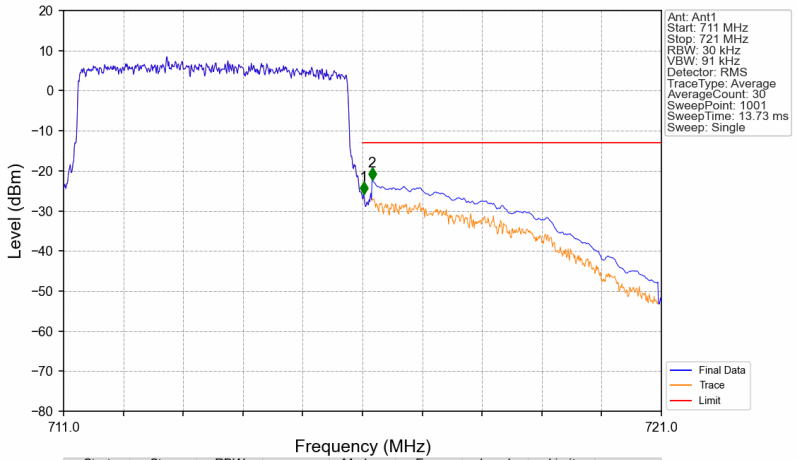


Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_24_NTNV



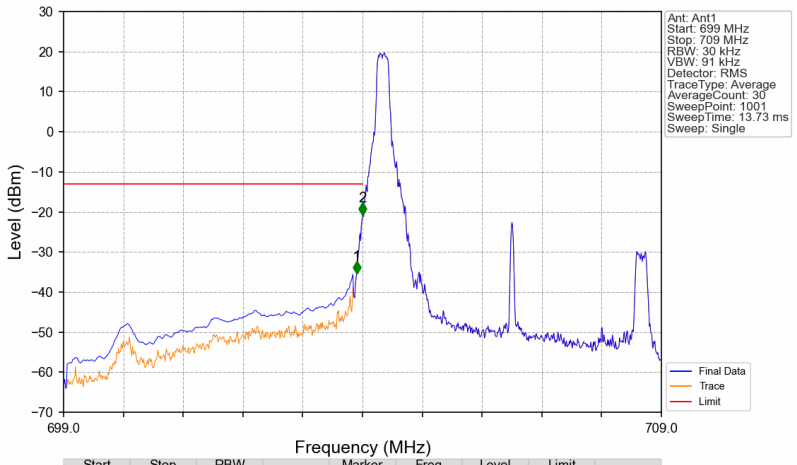
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-22.65	-13	Pass
716.1	721	0.1	CHP	2	716.110	-32.76	-13	Pass

Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



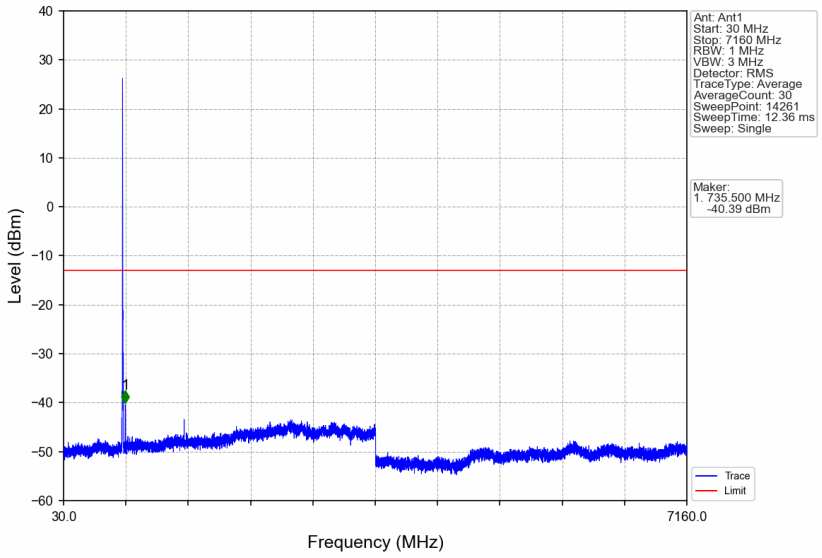
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.020	-25.87	-13	Pass
716.1	721	0.1	CHP	2	716.160	-22.38	-13	Pass

Band17_5MHz_64QAM_LCH_706.5MHz_RB_1_0_NTNV

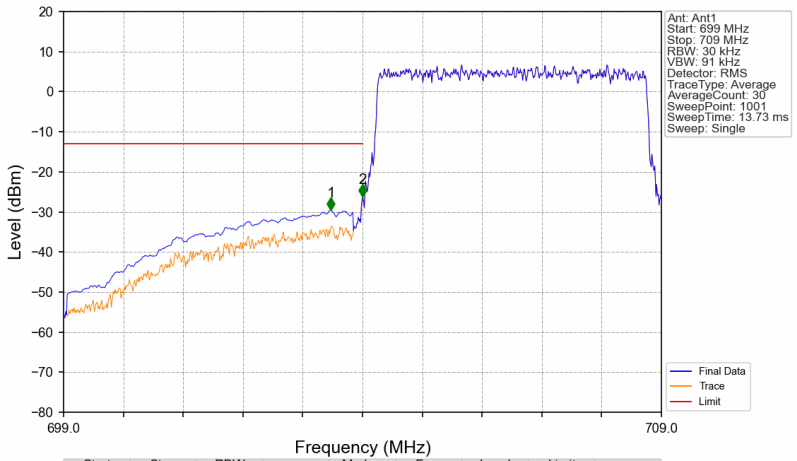


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.900	-35.38	-13	Pass
703.9	704	0.03	/	2	704.000	-20.84	-13	Pass
704	709	0.03	/	/	/	/	/	/

Band17_5MHz_64QAM_LCH_706.5MHz_RB_1_0_NTNV

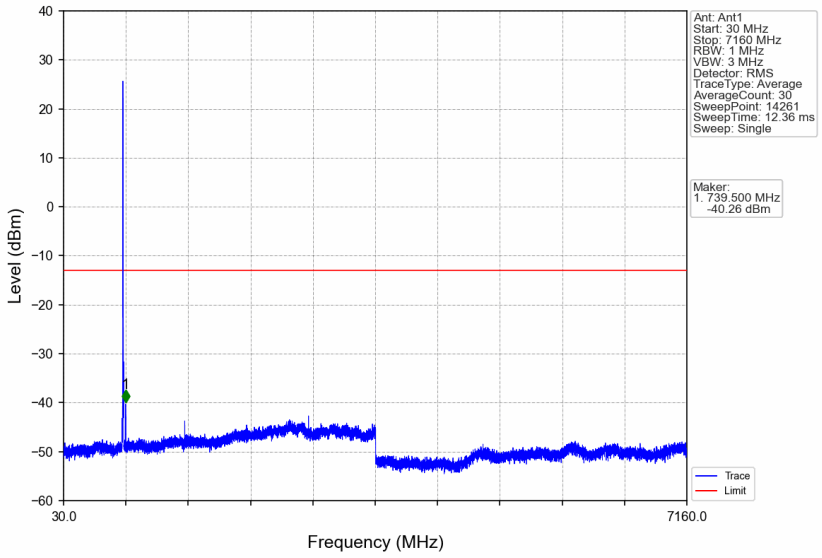


Band17_5MHz_64QAM_LCH_706.5MHz_RB_25_0_NTNV

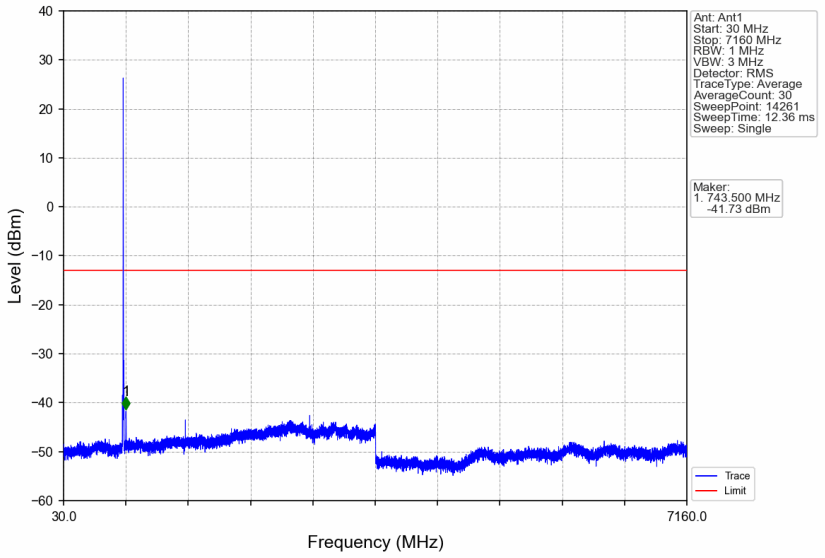


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.470	-29.51	-13	Pass
703.9	704	0.03	/	2	704.000	-26.23	-13	Pass
704	709	0.03	/	/	/	/	/	/

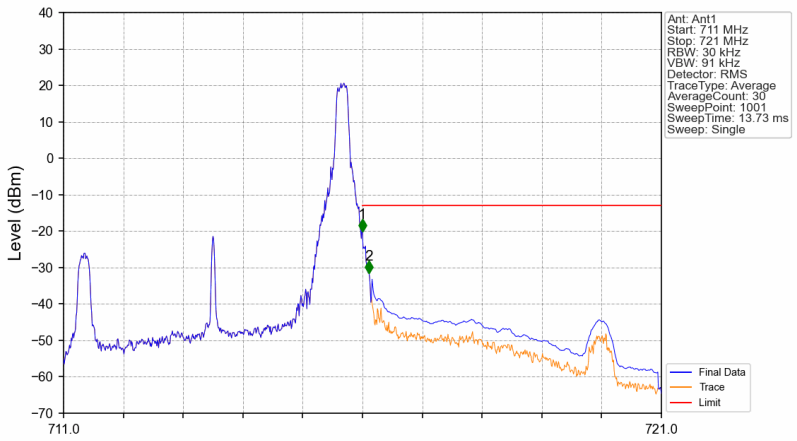
Band17_5MHz_64QAM_MCH_710MHz_RB_1_0_NTNV



Band17_5MHz_64QAM_HCH_713.5MHz_RB_1_0_NTNV

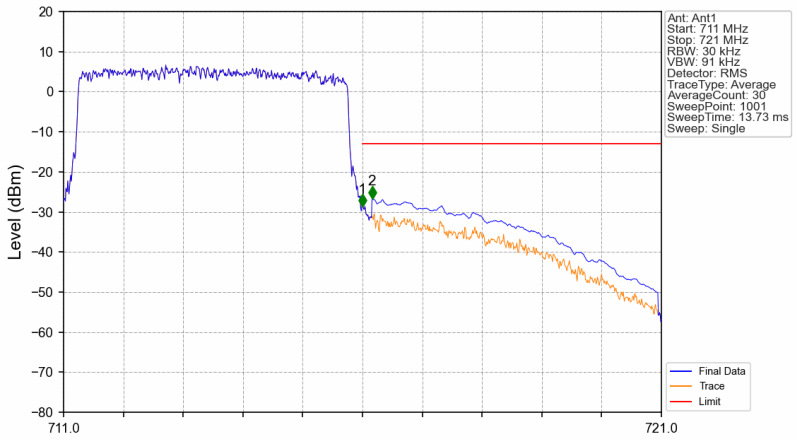


Band17_5MHz_64QAM_HCH_713.5MHz_RB_1_24_NTNV



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	-20.20	-13	Pass
716.1	721	0.1	CHP	2	716.110	-31.63	-13	Pass

Band17_5MHz_64QAM_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	716.000	-28.64	-13	Pass
716.1	721	0.1	CHP	2	716.160	-26.66	-13	Pass

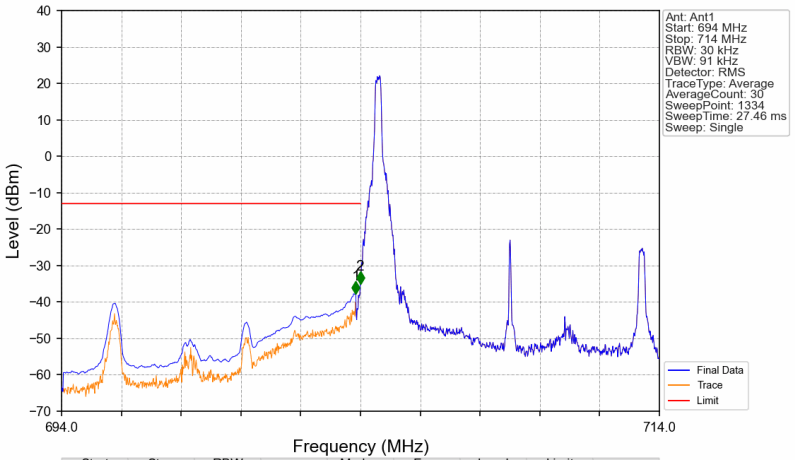
6.2 B17_10MHz

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
64QAM	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

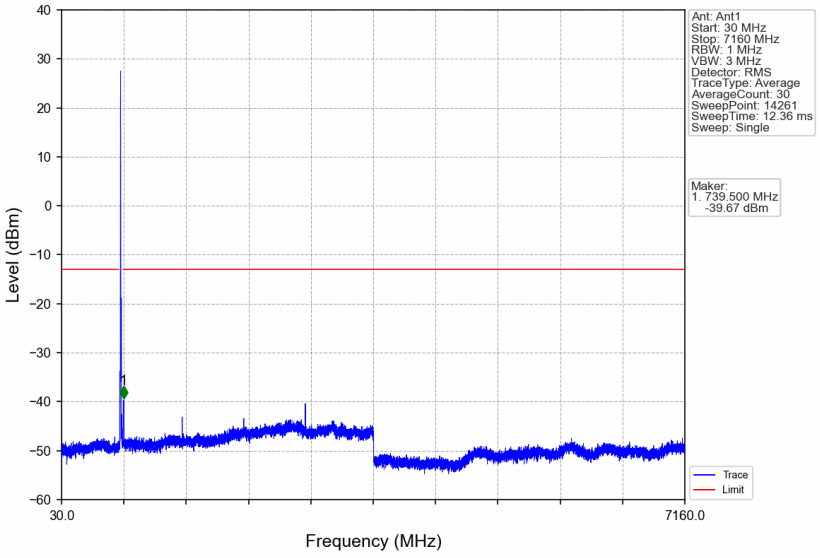
6.2.2 Test Graph

Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV

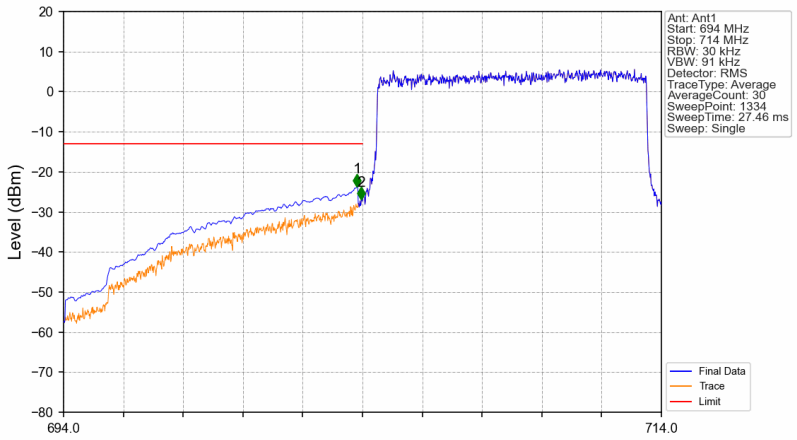


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-37.70	-13	Pass
703.9	704	0.03	/	2	703.992	-34.99	-13	Pass
704	714	0.03	/	/	/	/	/	/

Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV

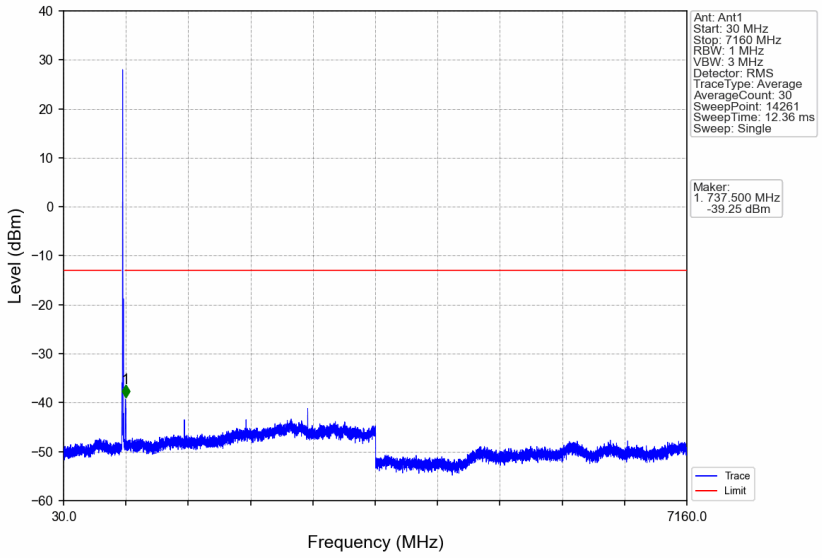


Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV

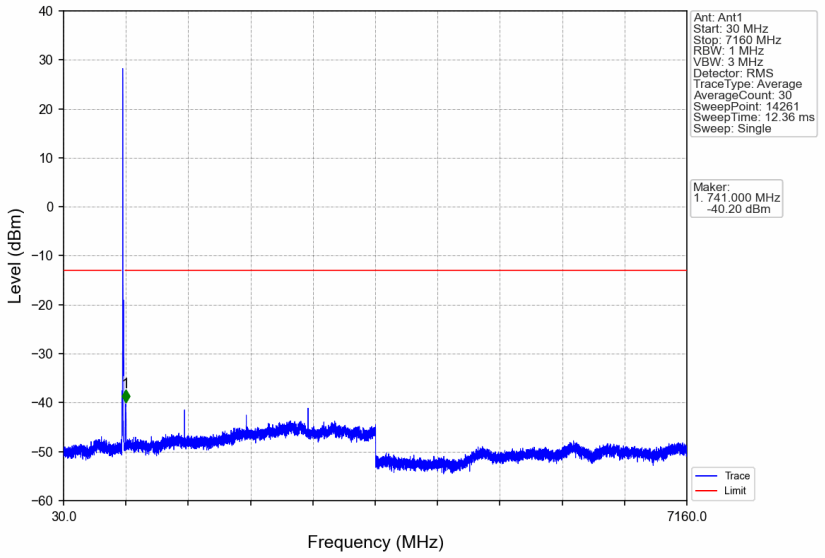


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.812	-23.68	-13	Pass
703.9	704	0.03	/	2	703.962	-26.91	-13	Pass
704	714	0.03	/	/	/	/	/	/

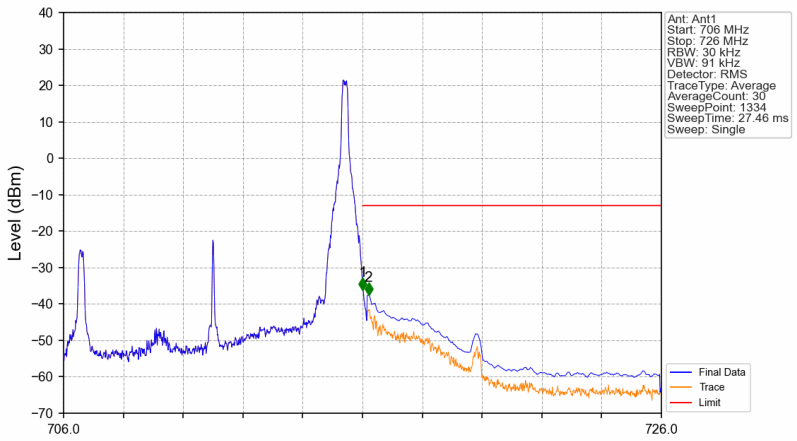
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV

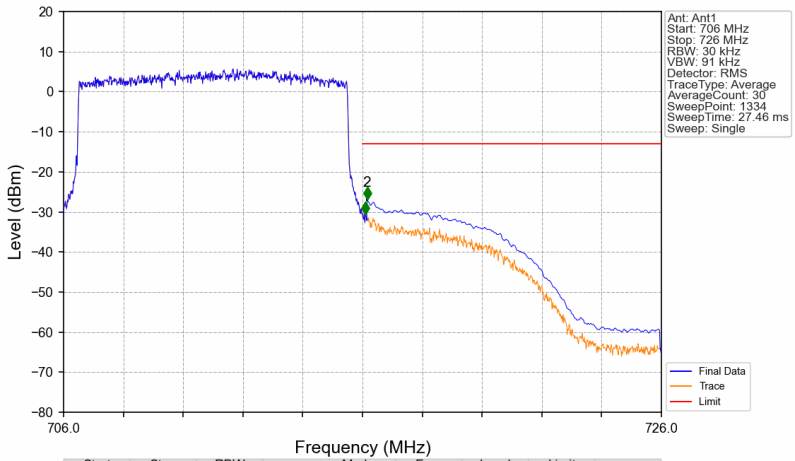


Band17_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV



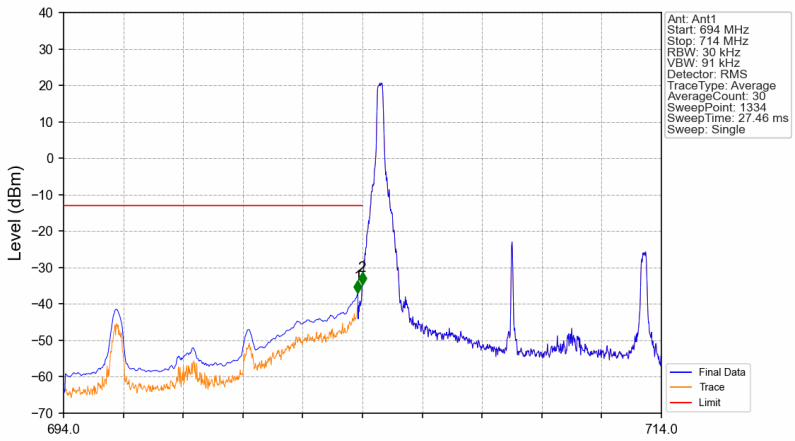
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-36.16	-13	Pass
716.1	726	0.1	CHP	2	716.203	-37.51	-13	Pass

Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



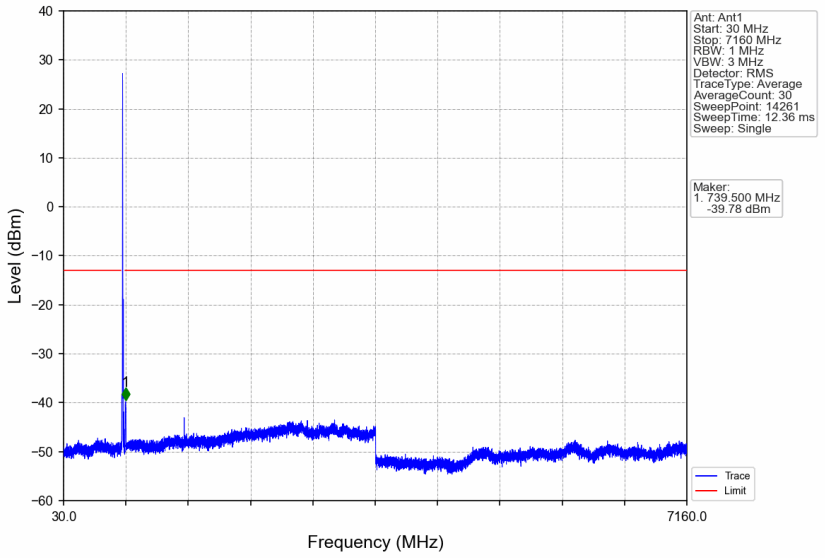
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.098	-30.56	-13	Pass
716.1	726	0.1	CHP	2	716.158	-26.97	-13	Pass

Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV

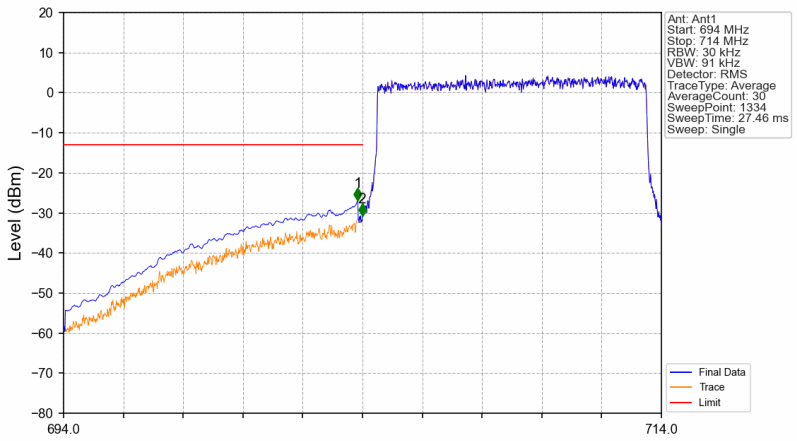


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-37.01	-13	Pass
703.9	704	0.03	/	2	703.992	-34.76	-13	Pass
704	714	0.03	/	/	/	/	/	/

Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV

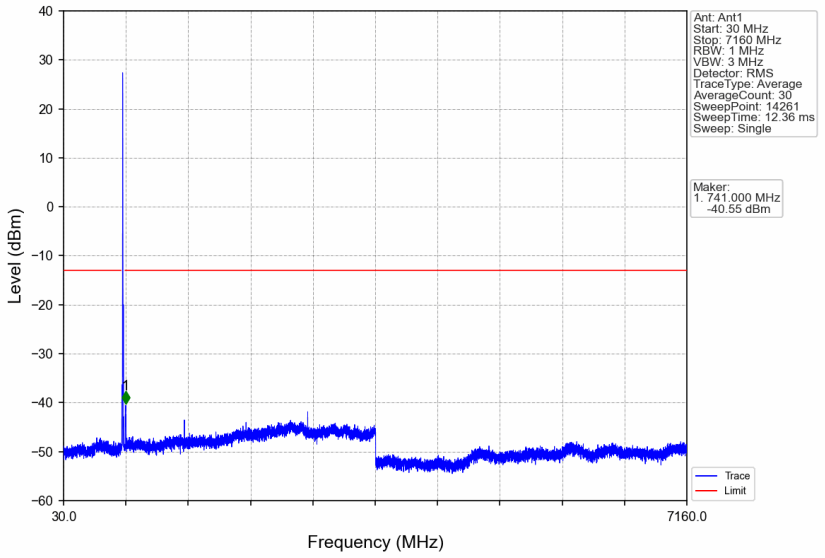


Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV

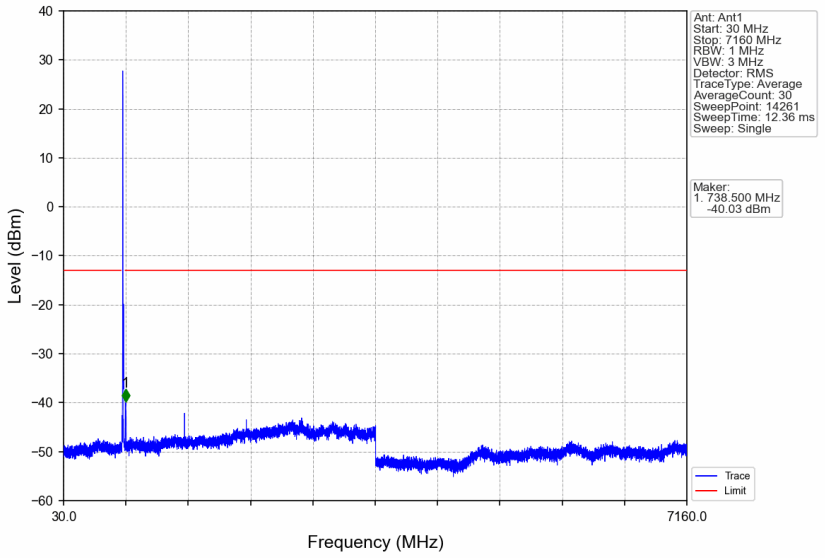


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-26.99	-13	Pass
703.9	704	0.03	/	2	703.992	-30.74	-13	Pass
704	714	0.03	/	/	/	/	/	/

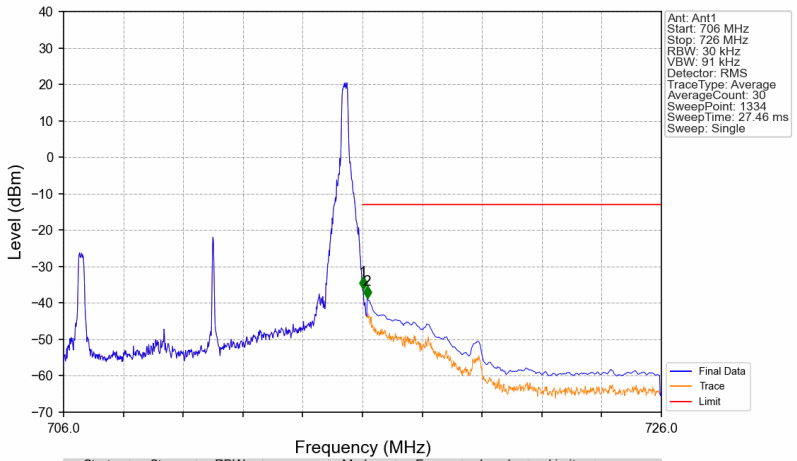
Band17_10MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV

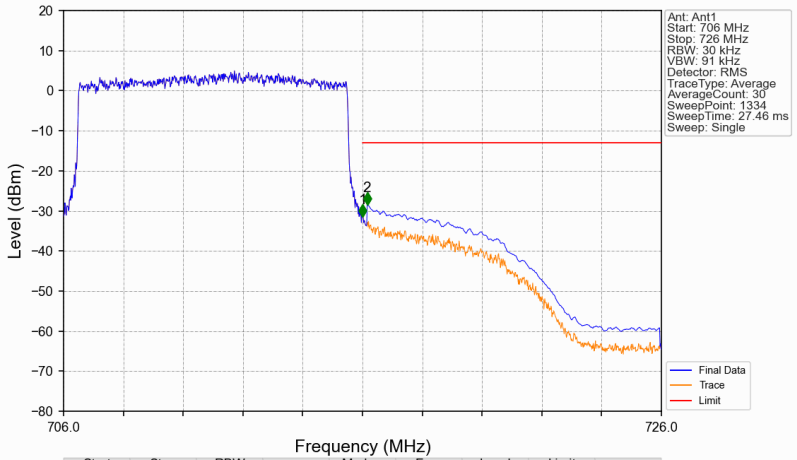


Band17_10MHz_16QAM_HCH_711MHz_RB_1_49_NTNV



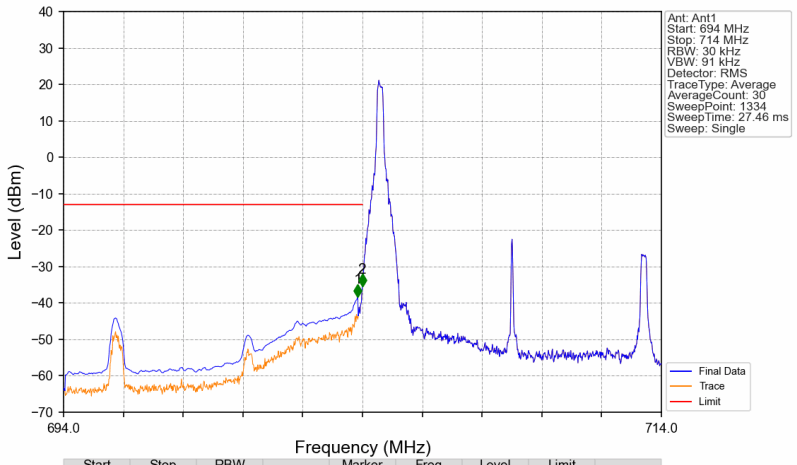
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.023	-36.31	-13	Pass
716.1	726	0.1	CHP	2	716.158	-38.84	-13	Pass

Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



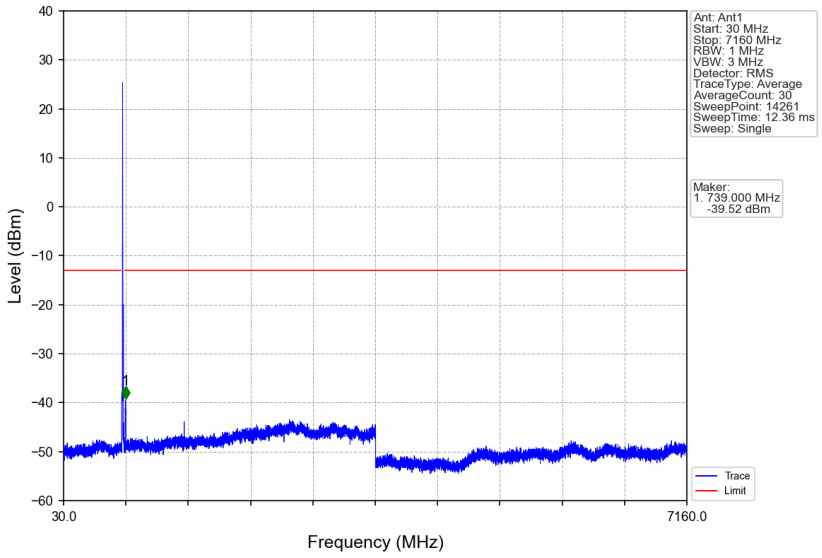
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-31.49	-13	Pass
716.1	726	0.1	CHP	2	716.158	-28.55	-13	Pass

Band17_10MHz_64QAM_LCH_709MHz_RB_1_0_NTNV

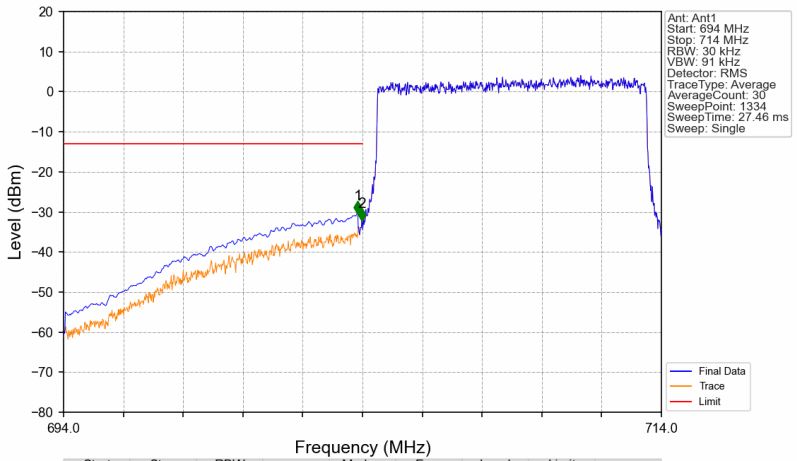


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-38.29	-13	Pass
703.9	704	0.03	/	2	703.992	-35.44	-13	Pass
704	714	0.03	/	/	/	/	/	/

Band17_10MHz_64QAM_LCH_709MHz_RB_1_0_NTNV

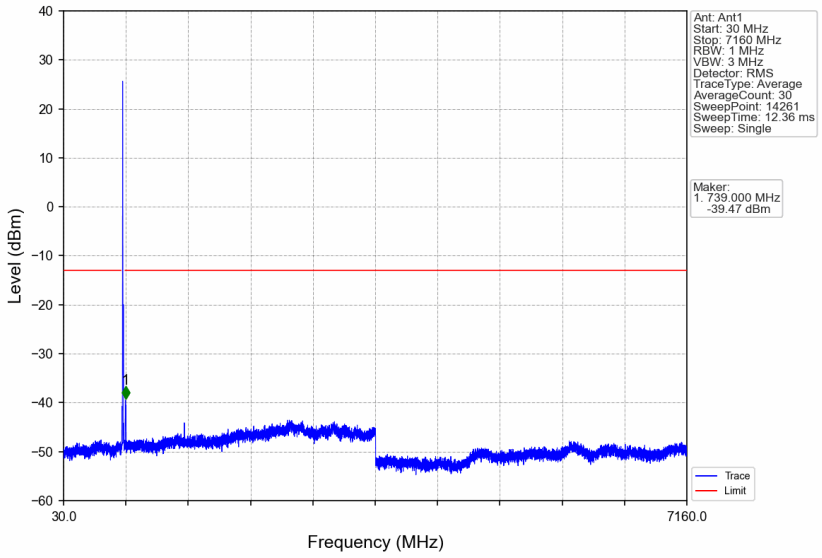


Band17_10MHz_64QAM_LCH_709MHz_RB_50_0_NTNV

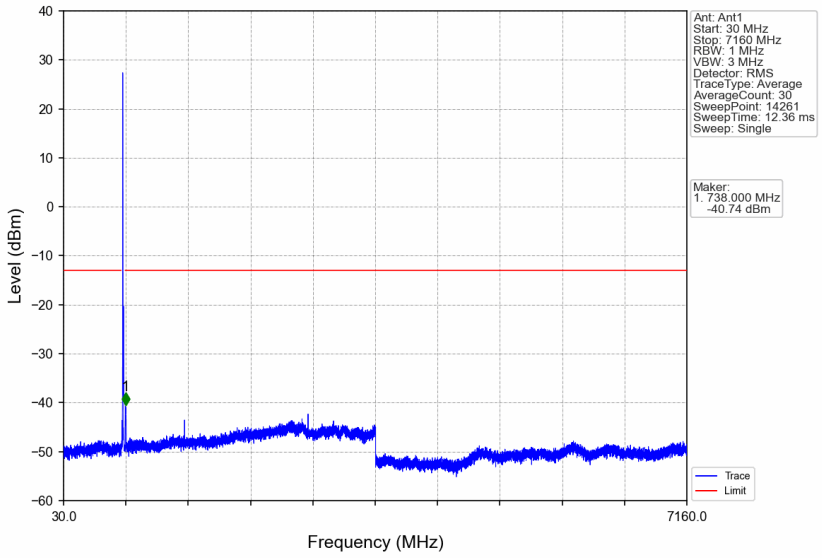


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-30.35	-13	Pass
703.9	704	0.03	/	2	703.977	-32.29	-13	Pass
704	714	0.03	/	/	/	/	/	/

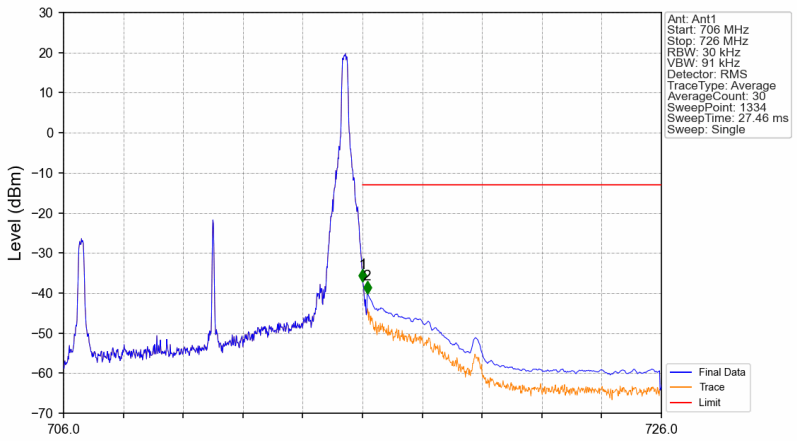
Band17_10MHz_64QAM_MCH_710MHz_RB_1_0_NTNV



Band17_10MHz_64QAM_HCH_711MHz_RB_1_0_NTNV

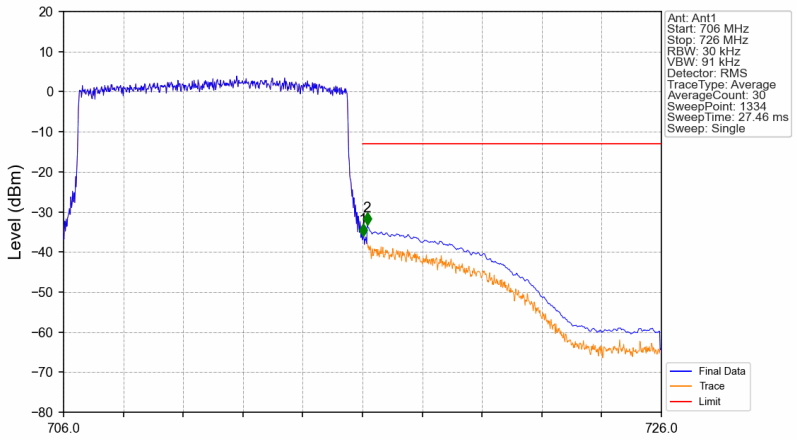


Band17_10MHz_64QAM_HCH_711MHz_RB_1_49_NTNV



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	-37.25	-13	Pass
716.1	726	0.1	CHP	2	716.158	-40.13	-13	Pass

Band17_10MHz_64QAM_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	-36.09	-13	Pass
716.1	726	0.1	CHP	2	716.158	-33.26	-13	Pass