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	23.63	-2.79	18.69	<=34.77	Pass
			13	23.61	-2.79	18.67	<=34.77	Pass
			24	23.69	-2.79	18.75	<=34.77	Pass
		12	0	22.76	-2.79	17.82	<=34.77	Pass
			6	22.65	-2.79	17.71	<=34.77	Pass
			13	22.88	-2.79	17.94	<=34.77	Pass
		25	0	22.78	-2.79	17.84	<=34.77	Pass
	710	1	0	23.79	-2.79	18.85	<=34.77	Pass
			13	23.82	-2.79	18.88	<=34.77	Pass
			24	23.82	-2.79	18.88	<=34.77	Pass
		12	0	22.78	-2.79	17.84	<=34.77	Pass
			6	22.95	-2.79	18.01	<=34.77	Pass
			13	22.81	-2.79	17.87	<=34.77	Pass
		25	0	22.92	-2.79	17.98	<=34.77	Pass
	713.5	1	0	23.80	-2.79	18.86	<=34.77	Pass
			13	23.73	-2.79	18.79	<=34.77	Pass
			24	23.31	-2.79	18.37	<=34.77	Pass
		12	0	22.89	-2.79	17.95	<=34.77	Pass
			6	22.77	-2.79	17.83	<=34.77	Pass
			13	22.86	-2.79	17.92	<=34.77	Pass
		25	0	22.93	-2.79	17.99	<=34.77	Pass
16QAM	706.5	1	0	21.93	-2.79	16.99	<=34.77	Pass
			13	21.88	-2.79	16.94	<=34.77	Pass
			24	21.92	-2.79	16.98	<=34.77	Pass
		12	0	21.89	-2.79	16.95	<=34.77	Pass
			6	21.75	-2.79	16.81	<=34.77	Pass
			13	21.89	-2.79	16.95	<=34.77	Pass
		25	0	21.85	-2.79	16.91	<=34.77	Pass
	710	1	0	22.55	-2.79	17.61	<=34.77	Pass
			13	22.60	-2.79	17.66	<=34.77	Pass
			24	22.52	-2.79	17.58	<=34.77	Pass
		12	0	21.88	-2.79	16.94	<=34.77	Pass
			6	21.89	-2.79	16.95	<=34.77	Pass
			13	21.90	-2.79	16.96	<=34.77	Pass
		25	0	21.81	-2.79	16.87	<=34.77	Pass
	713.5	1	0	22.90	-2.79	17.96	<=34.77	Pass
			13	22.97	-2.79	18.03	<=34.77	Pass
			24	22.99	-2.79	18.05	<=34.77	Pass
		12	0	21.92	-2.79	16.98	<=34.77	Pass
			6	21.89	-2.79	16.95	<=34.77	Pass
			13	21.85	-2.79	16.91	<=34.77	Pass
		25	0	21.96	-2.79	17.02	<=34.77	Pass
64QAM	706.5	1	0	21.25	-2.79	16.31	<=34.77	Pass
			13	21.20	-2.79	16.26	<=34.77	Pass
			24	21.31	-2.79	16.37	<=34.77	Pass
		12	0	20.70	-2.79	15.76	<=34.77	Pass
			6	20.60	-2.79	15.66	<=34.77	Pass
			13	20.69	-2.79	15.75	<=34.77	Pass
		25	0	20.94	-2.79	16.00	<=34.77	Pass

	710	1	0	22.47	-2.79	17.53	<=34.77	Pass
			13	22.39	-2.79	17.45	<=34.77	Pass
			24	22.42	-2.79	17.48	<=34.77	Pass
		12	0	20.92	-2.79	15.98	<=34.77	Pass
			6	21.12	-2.79	16.18	<=34.77	Pass
			13	20.99	-2.79	16.05	<=34.77	Pass
		25	0	20.95	-2.79	16.01	<=34.77	Pass
	713.5	1	0	21.38	-2.79	16.44	<=34.77	Pass
			13	21.30	-2.79	16.36	<=34.77	Pass
			24	21.46	-2.79	16.52	<=34.77	Pass
		12	0	20.79	-2.79	15.85	<=34.77	Pass
			6	20.75	-2.79	15.81	<=34.77	Pass
			13	20.86	-2.79	15.92	<=34.77	Pass
		25	0	21.00	-2.79	16.06	<=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	23.68	-2.79	18.74	<=34.77	Pass
			25	23.66	-2.79	18.72	<=34.77	Pass
			49	23.70	-2.79	18.76	<=34.77	Pass
		25	0	22.70	-2.79	17.76	<=34.77	Pass
			13	22.72	-2.79	17.78	<=34.77	Pass
			25	22.87	-2.79	17.93	<=34.77	Pass
		50	0	22.93	-2.79	17.99	<=34.77	Pass
	710	1	0	23.71	-2.79	18.77	<=34.77	Pass
			25	23.74	-2.79	18.80	<=34.77	Pass
			49	23.76	-2.79	18.82	<=34.77	Pass
		25	0	22.91	-2.79	17.97	<=34.77	Pass
			13	22.84	-2.79	17.90	<=34.77	Pass
			25	22.78	-2.79	17.84	<=34.77	Pass
		50	0	22.84	-2.79	17.90	<=34.77	Pass
	711	1	0	23.77	-2.79	18.83	<=34.77	Pass
			25	23.79	-2.79	18.85	<=34.77	Pass
			49	23.88	-2.79	18.94	<=34.77	Pass
		25	0	22.82	-2.79	17.88	<=34.77	Pass
			13	22.92	-2.79	17.98	<=34.77	Pass
			25	22.90	-2.79	17.96	<=34.77	Pass
		50	0	22.93	-2.79	17.99	<=34.77	Pass
16QAM	709	1	0	23.15	-2.79	18.21	<=34.77	Pass
			25	23.20	-2.79	18.26	<=34.77	Pass
			49	23.26	-2.79	18.32	<=34.77	Pass
		25	0	21.79	-2.79	16.85	<=34.77	Pass
			13	21.87	-2.79	16.93	<=34.77	Pass
			25	21.86	-2.79	16.92	<=34.77	Pass
		50	0	21.89	-2.79	16.95	<=34.77	Pass
	710	1	0	23.60	-2.79	18.66	<=34.77	Pass
			25	23.62	-2.79	18.68	<=34.77	Pass
			49	23.66	-2.79	18.72	<=34.77	Pass
		25	0	21.96	-2.79	17.02	<=34.77	Pass
			13	21.91	-2.79	16.97	<=34.77	Pass
			25	21.89	-2.79	16.95	<=34.77	Pass
		50	0	21.95	-2.79	17.01	<=34.77	Pass
	711	1	0	22.26	-2.79	17.32	<=34.77	Pass

			25	22.40	-2.79	17.46	<=34.77	Pass
			49	22.39	-2.79	17.45	<=34.77	Pass
		25	0	22.02	-2.79	17.08	<=34.77	Pass
			13	22.00	-2.79	17.06	<=34.77	Pass
			25	22.01	-2.79	17.07	<=34.77	Pass
		50	0	21.92	-2.79	16.98	<=34.77	Pass
64QAM	709	1	0	22.53	-2.79	17.59	<=34.77	Pass
			25	22.47	-2.79	17.53	<=34.77	Pass
			49	22.47	-2.79	17.53	<=34.77	Pass
		25	0	20.84	-2.79	15.90	<=34.77	Pass
			13	20.88	-2.79	15.94	<=34.77	Pass
			25	20.89	-2.79	15.95	<=34.77	Pass
		50	0	20.94	-2.79	16.00	<=34.77	Pass
	710	1	0	21.93	-2.79	16.99	<=34.77	Pass
			25	22.01	-2.79	17.07	<=34.77	Pass
			49	21.98	-2.79	17.04	<=34.77	Pass
		25	0	20.93	-2.79	15.99	<=34.77	Pass
			13	21.03	-2.79	16.09	<=34.77	Pass
			25	20.86	-2.79	15.92	<=34.77	Pass
		50	0	21.03	-2.79	16.09	<=34.77	Pass
	711	1	0	21.62	-2.79	16.68	<=34.77	Pass
			25	21.47	-2.79	16.53	<=34.77	Pass
			49	21.57	-2.79	16.63	<=34.77	Pass
		25	0	21.04	-2.79	16.10	<=34.77	Pass
			13	21.13	-2.79	16.19	<=34.77	Pass
			25	20.95	-2.79	16.01	<=34.77	Pass
		50	0	21.15	-2.79	16.21	<=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	3.6	15.148	0.0214	-2.5 to 2.5	Pass
					3.87	14.493	0.0205	-2.5 to 2.5	Pass
					4.45	9.616	0.0136	-2.5 to 2.5	Pass
				-30	3.87	6.697	0.0095	-2.5 to 2.5	Pass
				-20	3.87	-1.800	-0.0025	-2.5 to 2.5	Pass
				-10	3.87	-11.351	-0.0161	-2.5 to 2.5	Pass
				0	3.87	-20.601	-0.0292	-2.5 to 2.5	Pass
				10	3.87	-28.372	-0.0402	-2.5 to 2.5	Pass
				30	3.87	-38.436	-0.0544	-2.5 to 2.5	Pass
				40	3.87	-47.138	-0.0667	-2.5 to 2.5	Pass
				50	3.87	-10.687	-0.0151	-2.5 to 2.5	Pass
	710	25	0	20	3.6	5.327	0.0075	-2.5 to 2.5	Pass
					3.87	9.259	0.0130	-2.5 to 2.5	Pass
					4.45	6.794	0.0096	-2.5 to 2.5	Pass
				-30	3.87	4.711	0.0066	-2.5 to 2.5	Pass
				-20	3.87	0.607	0.0009	-2.5 to 2.5	Pass
				-10	3.87	-7.025	-0.0099	-2.5 to 2.5	Pass
				0	3.87	-13.373	-0.0188	-2.5 to 2.5	Pass
				10	3.87	-18.447	-0.0260	-2.5 to 2.5	Pass
				30	3.87	-26.422	-0.0372	-2.5 to 2.5	Pass
				40	3.87	-35.237	-0.0496	-2.5 to 2.5	Pass
				50	3.87	-39.904	-0.0562	-2.5 to 2.5	Pass
	713.5	25	0	20	3.6	9.870	0.0138	-2.5 to 2.5	Pass
					3.87	15.306	0.0215	-2.5 to 2.5	Pass
					4.45	8.148	0.0114	-2.5 to 2.5	Pass
				-30	3.87	-0.307	-0.0004	-2.5 to 2.5	Pass
				-20	3.87	-1.027	-0.0014	-2.5 to 2.5	Pass
				-10	3.87	-10.953	-0.0154	-2.5 to 2.5	Pass
				0	3.87	-19.214	-0.0269	-2.5 to 2.5	Pass
				10	3.87	-27.342	-0.0383	-2.5 to 2.5	Pass
				30	3.87	-35.858	-0.0503	-2.5 to 2.5	Pass
				40	3.87	-44.303	-0.0621	-2.5 to 2.5	Pass
				50	3.87	2.375	0.0033	-2.5 to 2.5	Pass
16QAM	706.5	25	0	20	3.6	-20.982	-0.0297	-2.5 to 2.5	Pass
					3.87	-27.936	-0.0395	-2.5 to 2.5	Pass
					4.45	-32.939	-0.0466	-2.5 to 2.5	Pass
				-30	3.87	-35.905	-0.0508	-2.5 to 2.5	Pass
				-20	3.87	-38.344	-0.0543	-2.5 to 2.5	Pass
				-10	3.87	-38.166	-0.0540	-2.5 to 2.5	Pass
				0	3.87	-38.567	-0.0546	-2.5 to 2.5	Pass
				10	3.87	-39.194	-0.0555	-2.5 to 2.5	Pass
				30	3.87	-41.039	-0.0581	-2.5 to 2.5	Pass
				40	3.87	-2.120	-0.0030	-2.5 to 2.5	Pass
				50	3.87	-6.642	-0.0094	-2.5 to 2.5	Pass
	710	25	0	20	3.6	-1.140	-0.0016	-2.5 to 2.5	Pass
					3.87	-4.639	-0.0065	-2.5 to 2.5	Pass
					4.45	-3.480	-0.0049	-2.5 to 2.5	Pass

				-30	3.87	-9.020	-0.0127	-2.5 to 2.5	Pass
				-20	3.87	-11.090	-0.0156	-2.5 to 2.5	Pass
				-10	3.87	-14.102	-0.0199	-2.5 to 2.5	Pass
				0	3.87	-14.923	-0.0210	-2.5 to 2.5	Pass
				10	3.87	-18.721	-0.0264	-2.5 to 2.5	Pass
				30	3.87	-18.213	-0.0257	-2.5 to 2.5	Pass
				40	3.87	-17.725	-0.0250	-2.5 to 2.5	Pass
				50	3.87	-17.432	-0.0246	-2.5 to 2.5	Pass
	713.5	25	0	20	3.6	-7.049	-0.0099	-2.5 to 2.5	Pass
					3.87	-11.652	-0.0163	-2.5 to 2.5	Pass
					4.45	-15.645	-0.0219	-2.5 to 2.5	Pass
				-30	3.87	-19.783	-0.0277	-2.5 to 2.5	Pass
				-20	3.87	-22.838	-0.0320	-2.5 to 2.5	Pass
				-10	3.87	-29.365	-0.0412	-2.5 to 2.5	Pass
				0	3.87	-28.336	-0.0397	-2.5 to 2.5	Pass
				10	3.87	-26.200	-0.0367	-2.5 to 2.5	Pass
				30	3.87	-27.839	-0.0390	-2.5 to 2.5	Pass
				40	3.87	-24.316	-0.0341	-2.5 to 2.5	Pass
				50	3.87	-23.211	-0.0325	-2.5 to 2.5	Pass
64QAM	706.5	25	0	20	3.6	-11.581	-0.0164	-2.5 to 2.5	Pass
					3.87	-5.982	-0.0085	-2.5 to 2.5	Pass
					4.45	-0.194	-0.0003	-2.5 to 2.5	Pass
				-30	3.87	7.282	0.0103	-2.5 to 2.5	Pass
				-20	3.87	7.584	0.0107	-2.5 to 2.5	Pass
				-10	3.87	7.409	0.0105	-2.5 to 2.5	Pass
				0	3.87	7.876	0.0111	-2.5 to 2.5	Pass
				10	3.87	8.655	0.0123	-2.5 to 2.5	Pass
				30	3.87	3.529	0.0050	-2.5 to 2.5	Pass
				40	3.87	0.218	0.0003	-2.5 to 2.5	Pass
				50	3.87	-3.407	-0.0048	-2.5 to 2.5	Pass
	710	25	0	20	3.6	-18.283	-0.0258	-2.5 to 2.5	Pass
					3.87	-13.536	-0.0191	-2.5 to 2.5	Pass
					4.45	-13.573	-0.0191	-2.5 to 2.5	Pass
				-30	3.87	-11.024	-0.0155	-2.5 to 2.5	Pass
				-20	3.87	-8.195	-0.0115	-2.5 to 2.5	Pass
				-10	3.87	-8.638	-0.0122	-2.5 to 2.5	Pass
				0	3.87	-7.105	-0.0100	-2.5 to 2.5	Pass
				10	3.87	-6.986	-0.0098	-2.5 to 2.5	Pass
				30	3.87	-4.823	-0.0068	-2.5 to 2.5	Pass
				40	3.87	-0.050	-0.0001	-2.5 to 2.5	Pass
				50	3.87	4.030	0.0057	-2.5 to 2.5	Pass
	713.5	25	0	20	3.6	-23.580	-0.0330	-2.5 to 2.5	Pass
					3.87	-17.276	-0.0242	-2.5 to 2.5	Pass
					4.45	-17.737	-0.0249	-2.5 to 2.5	Pass
				-30	3.87	-13.297	-0.0186	-2.5 to 2.5	Pass
				-20	3.87	-6.919	-0.0097	-2.5 to 2.5	Pass
				-10	3.87	-3.612	-0.0051	-2.5 to 2.5	Pass
				0	3.87	2.389	0.0033	-2.5 to 2.5	Pass
				10	3.87	9.224	0.0129	-2.5 to 2.5	Pass
				30	3.87	10.407	0.0146	-2.5 to 2.5	Pass
				40	3.87	15.908	0.0223	-2.5 to 2.5	Pass
				50	3.87	20.337	0.0285	-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	3.6	47.444	0.0669	-2.5 to 2.5	Pass
					3.87	7.286	0.0103	-2.5 to 2.5	Pass
					4.45	6.428	0.0091	-2.5 to 2.5	Pass
				-30	3.87	0.863	0.0012	-2.5 to 2.5	Pass
				-20	3.87	-7.818	-0.0110	-2.5 to 2.5	Pass
				-10	3.87	-15.760	-0.0222	-2.5 to 2.5	Pass
				0	3.87	-20.789	-0.0293	-2.5 to 2.5	Pass
				10	3.87	-27.316	-0.0385	-2.5 to 2.5	Pass
				30	3.87	-34.068	-0.0481	-2.5 to 2.5	Pass
				40	3.87	-39.059	-0.0551	-2.5 to 2.5	Pass
				50	3.87	-46.156	-0.0651	-2.5 to 2.5	Pass
	710	50	0	20	3.6	10.572	0.0149	-2.5 to 2.5	Pass
					3.87	13.267	0.0187	-2.5 to 2.5	Pass
					4.45	11.574	0.0163	-2.5 to 2.5	Pass
				-30	3.87	6.635	0.0093	-2.5 to 2.5	Pass
				-20	3.87	5.691	0.0080	-2.5 to 2.5	Pass
				-10	3.87	1.454	0.0020	-2.5 to 2.5	Pass
				0	3.87	-5.859	-0.0083	-2.5 to 2.5	Pass
				10	3.87	-12.756	-0.0180	-2.5 to 2.5	Pass
				30	3.87	-21.688	-0.0305	-2.5 to 2.5	Pass
				40	3.87	-31.726	-0.0447	-2.5 to 2.5	Pass
				50	3.87	-38.685	-0.0545	-2.5 to 2.5	Pass
	711	50	0	20	3.6	5.728	0.0081	-2.5 to 2.5	Pass
					3.87	5.662	0.0080	-2.5 to 2.5	Pass
					4.45	1.310	0.0018	-2.5 to 2.5	Pass
				-30	3.87	-3.876	-0.0055	-2.5 to 2.5	Pass
				-20	3.87	-6.919	-0.0097	-2.5 to 2.5	Pass
				-10	3.87	-17.858	-0.0251	-2.5 to 2.5	Pass
				0	3.87	-24.910	-0.0350	-2.5 to 2.5	Pass
				10	3.87	-30.842	-0.0434	-2.5 to 2.5	Pass
				30	3.87	-39.855	-0.0561	-2.5 to 2.5	Pass
				40	3.87	-46.025	-0.0647	-2.5 to 2.5	Pass
				50	3.87	-7.195	-0.0101	-2.5 to 2.5	Pass
16QAM	709	50	0	20	3.6	-7.401	-0.0104	-2.5 to 2.5	Pass
					3.87	-13.074	-0.0184	-2.5 to 2.5	Pass
					4.45	-21.051	-0.0297	-2.5 to 2.5	Pass
				-30	3.87	-28.070	-0.0396	-2.5 to 2.5	Pass
				-20	3.87	-28.352	-0.0400	-2.5 to 2.5	Pass
				-10	3.87	-33.999	-0.0480	-2.5 to 2.5	Pass
				0	3.87	-37.451	-0.0528	-2.5 to 2.5	Pass
				10	3.87	-33.402	-0.0471	-2.5 to 2.5	Pass
				30	3.87	-29.243	-0.0412	-2.5 to 2.5	Pass
				40	3.87	-28.776	-0.0406	-2.5 to 2.5	Pass
				50	3.87	-30.129	-0.0425	-2.5 to 2.5	Pass
	710	50	0	20	3.6	-46.692	-0.0658	-2.5 to 2.5	Pass
					3.87	-5.115	-0.0072	-2.5 to 2.5	Pass
					4.45	-7.430	-0.0105	-2.5 to 2.5	Pass
				-30	3.87	-8.549	-0.0120	-2.5 to 2.5	Pass
				-20	3.87	-10.496	-0.0148	-2.5 to 2.5	Pass
				-10	3.87	-7.997	-0.0113	-2.5 to 2.5	Pass
				0	3.87	-12.300	-0.0173	-2.5 to 2.5	Pass
				10	3.87	-11.137	-0.0157	-2.5 to 2.5	Pass

				30	3.87	-9.665	-0.0136	-2.5 to 2.5	Pass
				40	3.87	-9.386	-0.0132	-2.5 to 2.5	Pass
				50	3.87	-10.345	-0.0146	-2.5 to 2.5	Pass
	711	50	0	20	3.6	-15.367	-0.0216	-2.5 to 2.5	Pass
					3.87	-19.916	-0.0280	-2.5 to 2.5	Pass
					4.45	-26.633	-0.0375	-2.5 to 2.5	Pass
				-30	3.87	-33.013	-0.0464	-2.5 to 2.5	Pass
				-20	3.87	-40.671	-0.0572	-2.5 to 2.5	Pass
				-10	3.87	-47.884	-0.0673	-2.5 to 2.5	Pass
				0	3.87	2.330	0.0033	-2.5 to 2.5	Pass
				10	3.87	-0.351	-0.0005	-2.5 to 2.5	Pass
				30	3.87	-3.384	-0.0048	-2.5 to 2.5	Pass
				40	3.87	-5.706	-0.0080	-2.5 to 2.5	Pass
				50	3.87	-8.253	-0.0116	-2.5 to 2.5	Pass
64QAM	709	50	0	20	3.6	-28.018	-0.0395	-2.5 to 2.5	Pass
					3.87	-25.091	-0.0354	-2.5 to 2.5	Pass
					4.45	-21.087	-0.0297	-2.5 to 2.5	Pass
				-30	3.87	-17.090	-0.0241	-2.5 to 2.5	Pass
				-20	3.87	-14.541	-0.0205	-2.5 to 2.5	Pass
				-10	3.87	-11.801	-0.0166	-2.5 to 2.5	Pass
				0	3.87	-10.645	-0.0150	-2.5 to 2.5	Pass
				10	3.87	-10.113	-0.0143	-2.5 to 2.5	Pass
				30	3.87	-9.078	-0.0128	-2.5 to 2.5	Pass
				40	3.87	-5.326	-0.0075	-2.5 to 2.5	Pass
				50	3.87	-5.600	-0.0079	-2.5 to 2.5	Pass
	710	50	0	20	3.6	-10.331	-0.0146	-2.5 to 2.5	Pass
					3.87	-8.044	-0.0113	-2.5 to 2.5	Pass
					4.45	-4.331	-0.0061	-2.5 to 2.5	Pass
				-30	3.87	-0.571	-0.0008	-2.5 to 2.5	Pass
				-20	3.87	1.913	0.0027	-2.5 to 2.5	Pass
				-10	3.87	1.659	0.0023	-2.5 to 2.5	Pass
				0	3.87	3.688	0.0052	-2.5 to 2.5	Pass
				10	3.87	10.604	0.0149	-2.5 to 2.5	Pass
				30	3.87	11.959	0.0168	-2.5 to 2.5	Pass
				40	3.87	13.081	0.0184	-2.5 to 2.5	Pass
				50	3.87	15.527	0.0219	-2.5 to 2.5	Pass
	711	50	0	20	3.6	-11.258	-0.0158	-2.5 to 2.5	Pass
					3.87	-13.262	-0.0187	-2.5 to 2.5	Pass
					4.45	-12.260	-0.0172	-2.5 to 2.5	Pass
				-30	3.87	-10.299	-0.0145	-2.5 to 2.5	Pass
				-20	3.87	-4.406	-0.0062	-2.5 to 2.5	Pass
				-10	3.87	0.101	0.0001	-2.5 to 2.5	Pass
				0	3.87	3.486	0.0049	-2.5 to 2.5	Pass
				10	3.87	5.010	0.0070	-2.5 to 2.5	Pass
				30	3.87	4.223	0.0059	-2.5 to 2.5	Pass
				40	3.87	4.435	0.0062	-2.5 to 2.5	Pass
				50	3.87	4.756	0.0067	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 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	4.579	/	Pass
		710	25	0	4.553	/	Pass
		713.5	25	0	4.556	/	Pass
	16QAM	706.5	25	0	4.544	/	Pass
		710	25	0	4.561	/	Pass
		713.5	25	0	4.587	/	Pass
	64QAM	706.5	25	0	4.537	/	Pass
		710	25	0	4.543	/	Pass
		713.5	25	0	4.542	/	Pass
10	QPSK	709	50	0	9.045	/	Pass
		710	50	0	9.048	/	Pass
		711	50	0	9.062	/	Pass
	16QAM	709	50	0	9.085	/	Pass
		710	50	0	9.056	/	Pass
		711	50	0	9.060	/	Pass
	64QAM	709	50	0	9.066	/	Pass
		710	50	0	9.055	/	Pass
		711	50	0	9.074	/	Pass

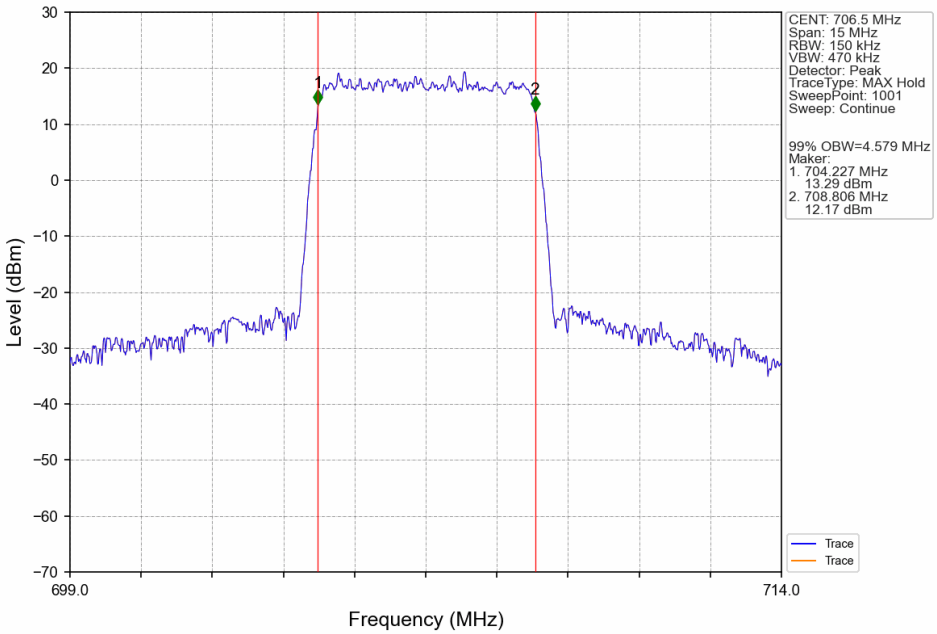
3.1.2 Band17_XDB

Band: 17 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	706.5	25	0	5.036	/	Pass
		710	25	0	5.056	/	Pass
		713.5	25	0	5.045	/	Pass
	16QAM	706.5	25	0	5.053	/	Pass
		710	25	0	5.057	/	Pass
		713.5	25	0	5.075	/	Pass
	64QAM	706.5	25	0	5.058	/	Pass
		710	25	0	5.050	/	Pass
		713.5	25	0	5.073	/	Pass
10	QPSK	709	50	0	10.044	/	Pass
		710	50	0	9.996	/	Pass
		711	50	0	10.073	/	Pass
	16QAM	709	50	0	9.998	/	Pass
		710	50	0	10.073	/	Pass
		711	50	0	10.084	/	Pass
	64QAM	709	50	0	10.044	/	Pass
		710	50	0	10.014	/	Pass
		711	50	0	10.029	/	Pass

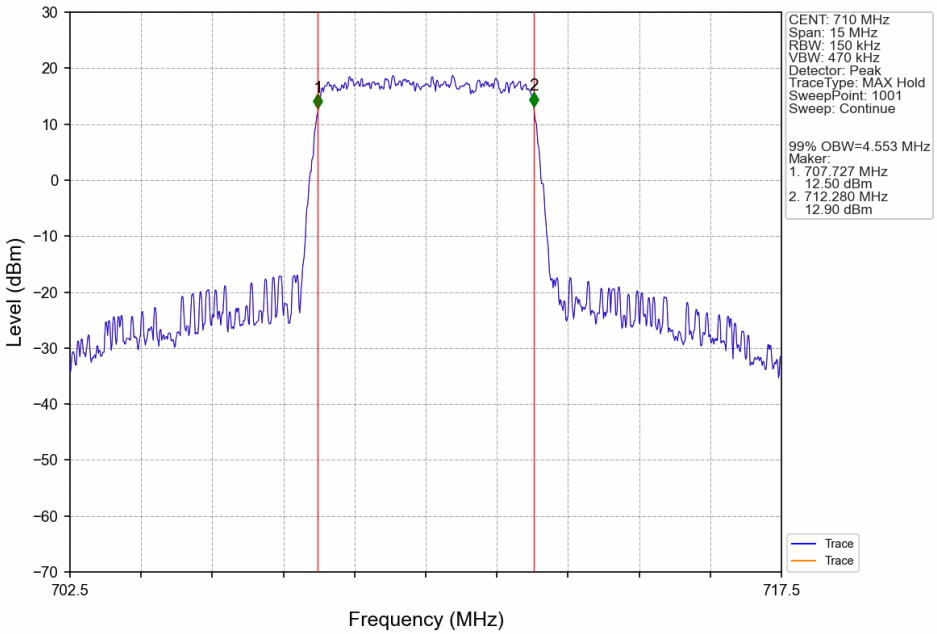
3.2 Test Graph

3.2.1 Band17_OBW

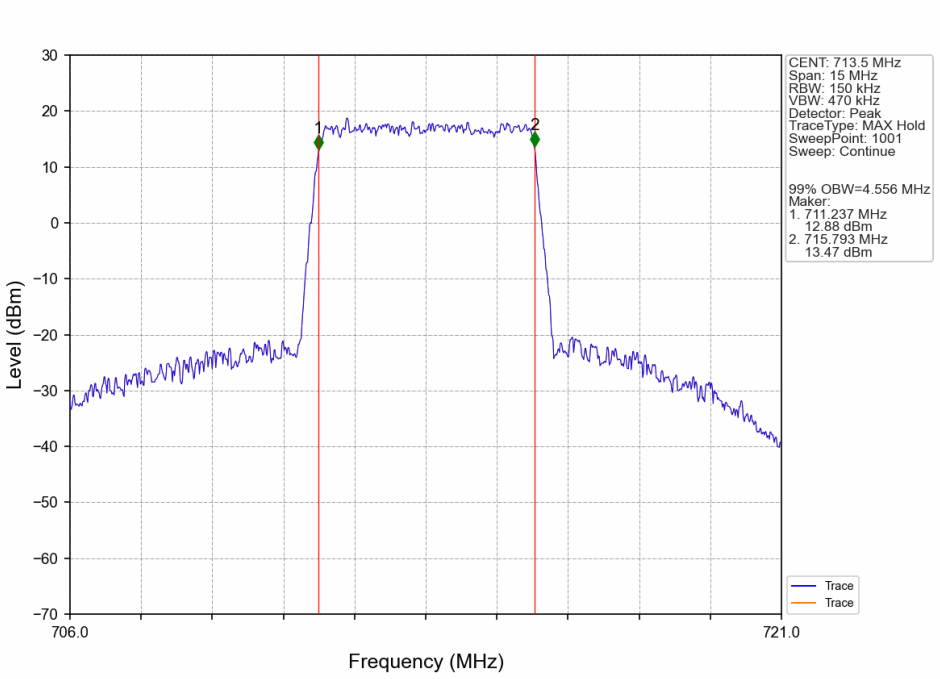
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



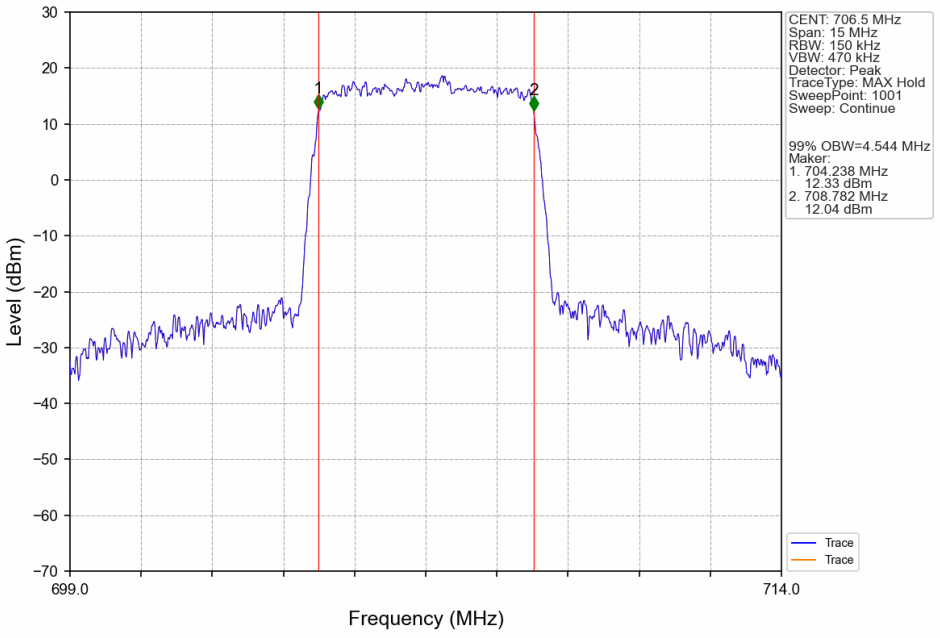
Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



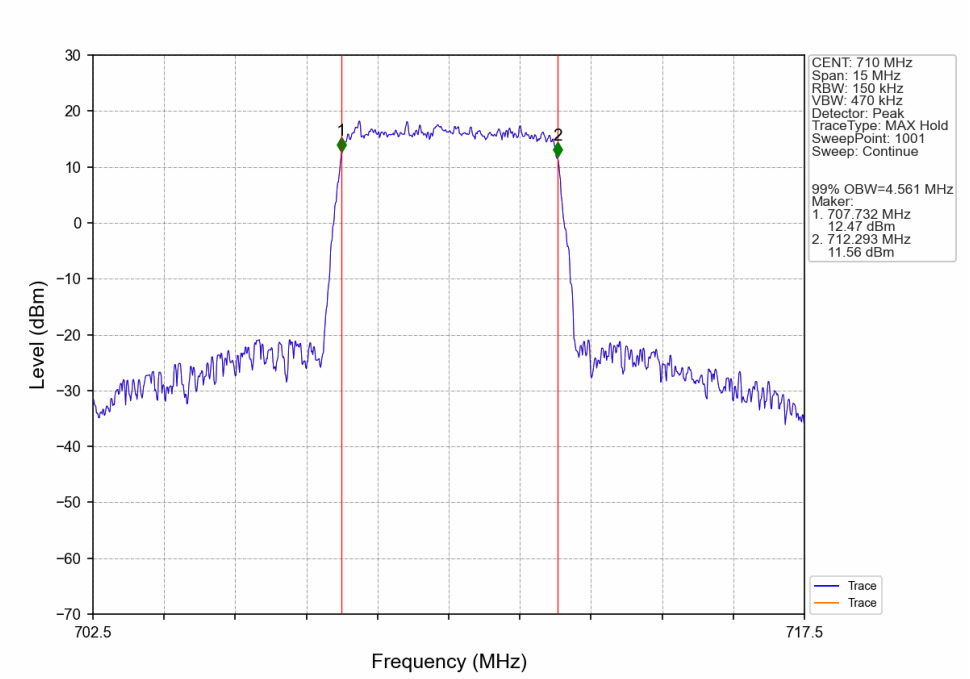
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



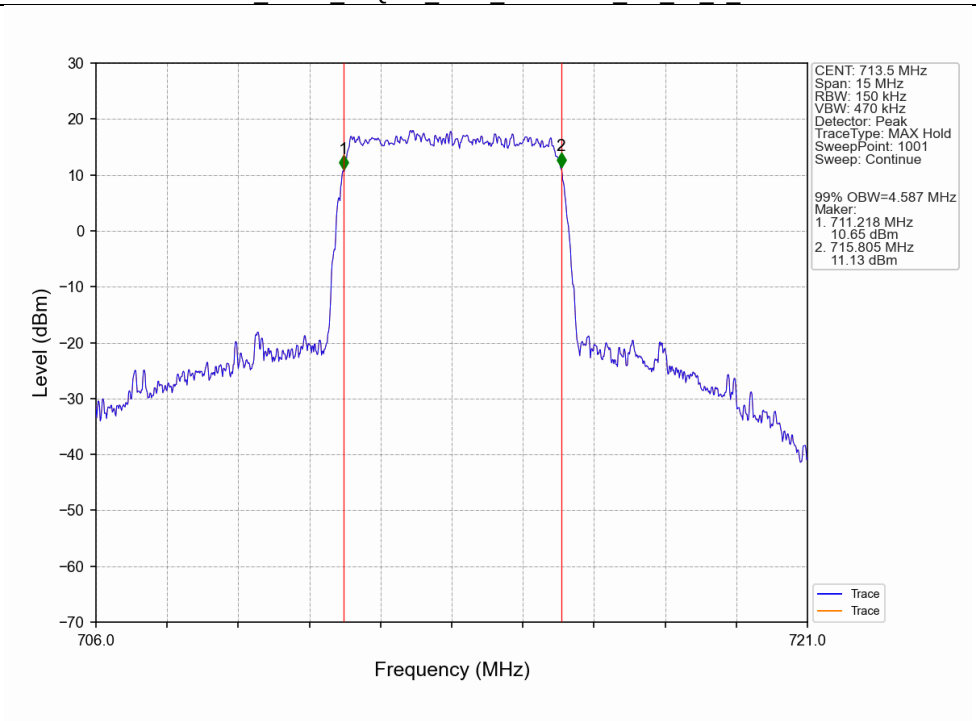
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



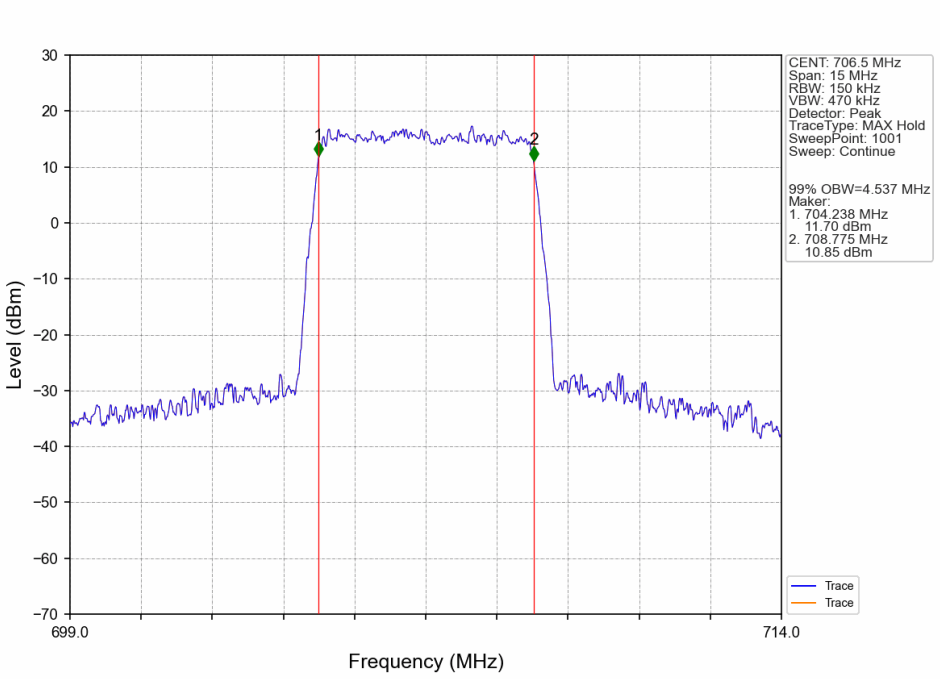
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



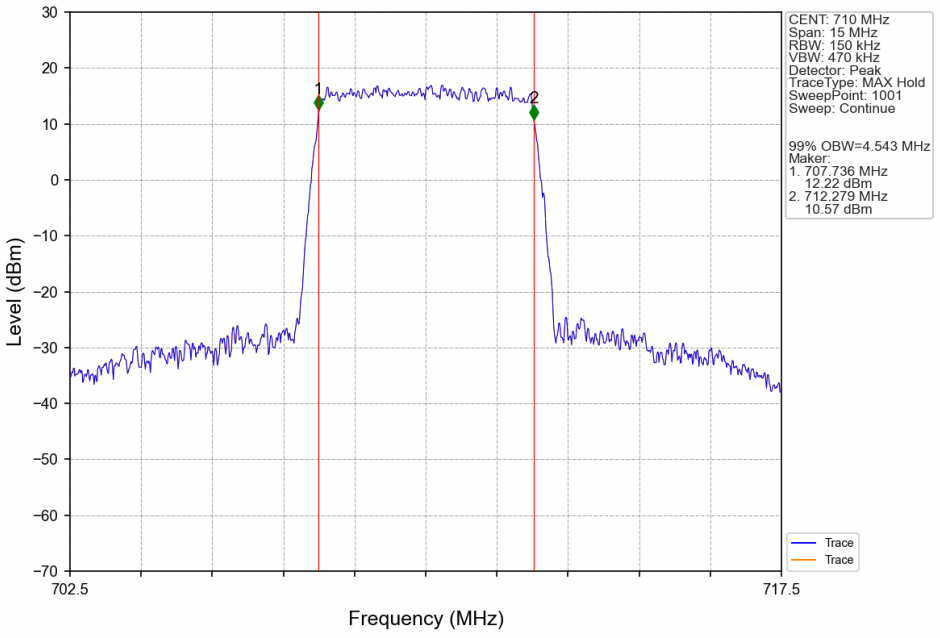
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



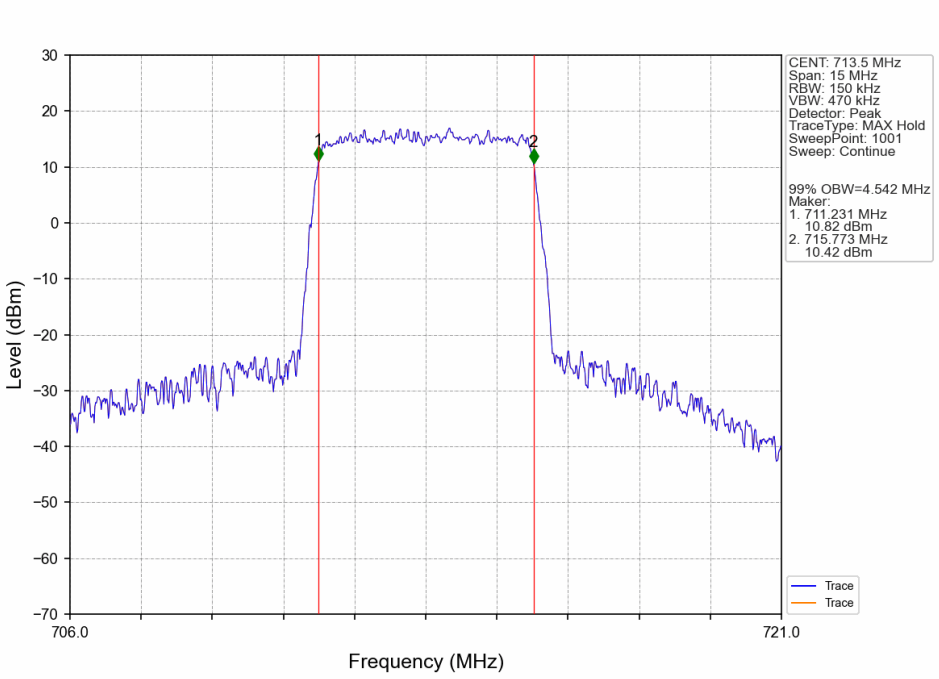
Band17_5MHz_64QAM_LCH_706.5MHz_RB_25_0_NTNV



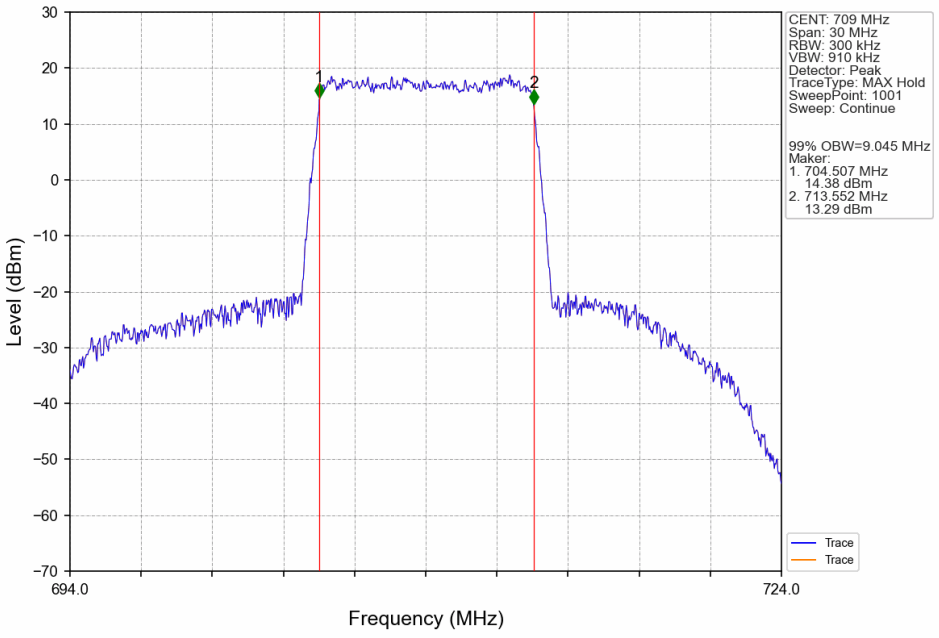
Band17_5MHz_64QAM_MCH_710MHz_RB_25_0_NTNV



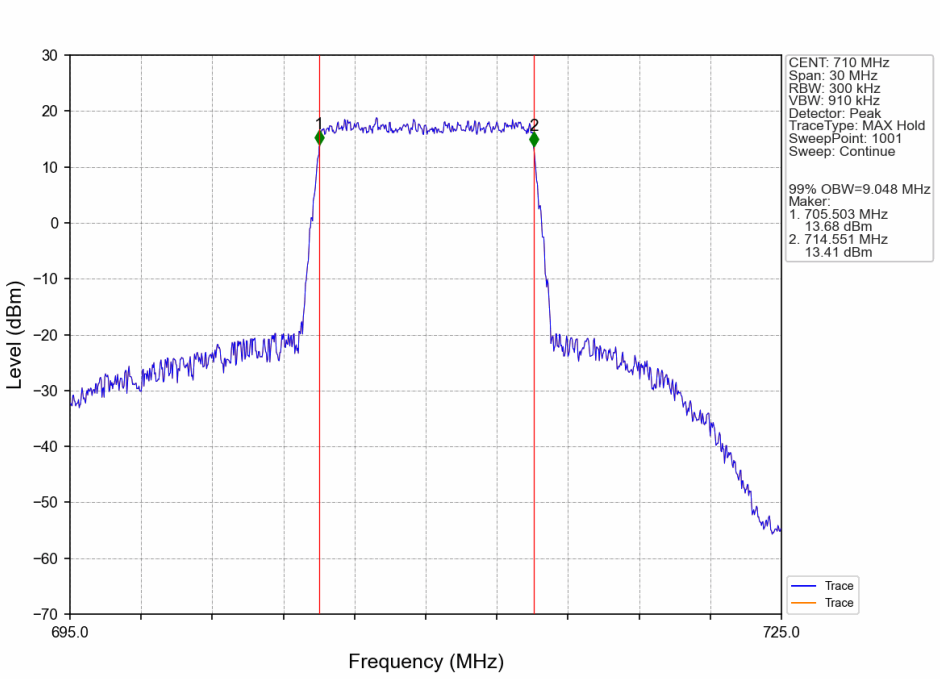
Band17_5MHz_64QAM_HCH_713.5MHz_RB_25_0_NTNV



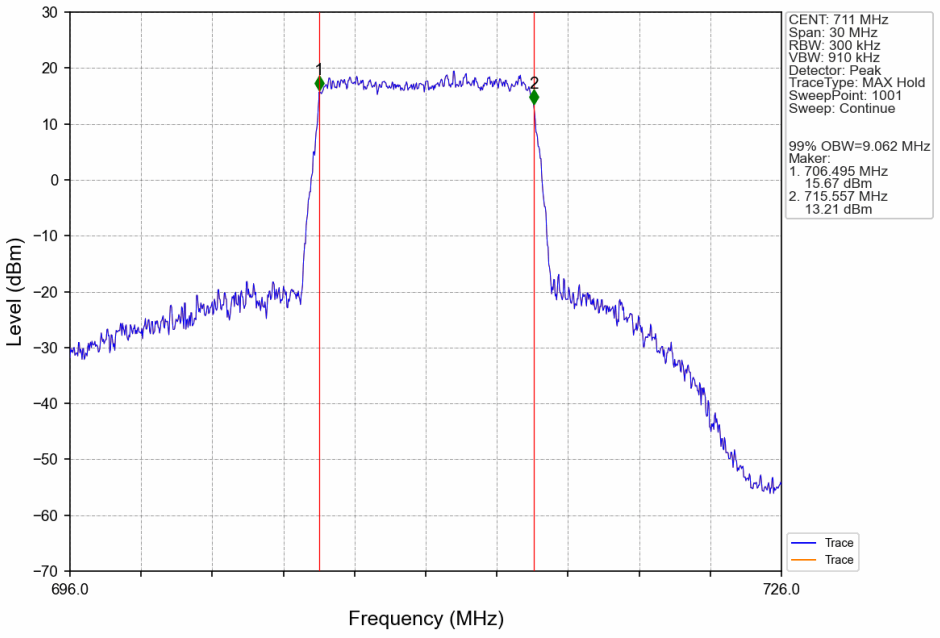
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



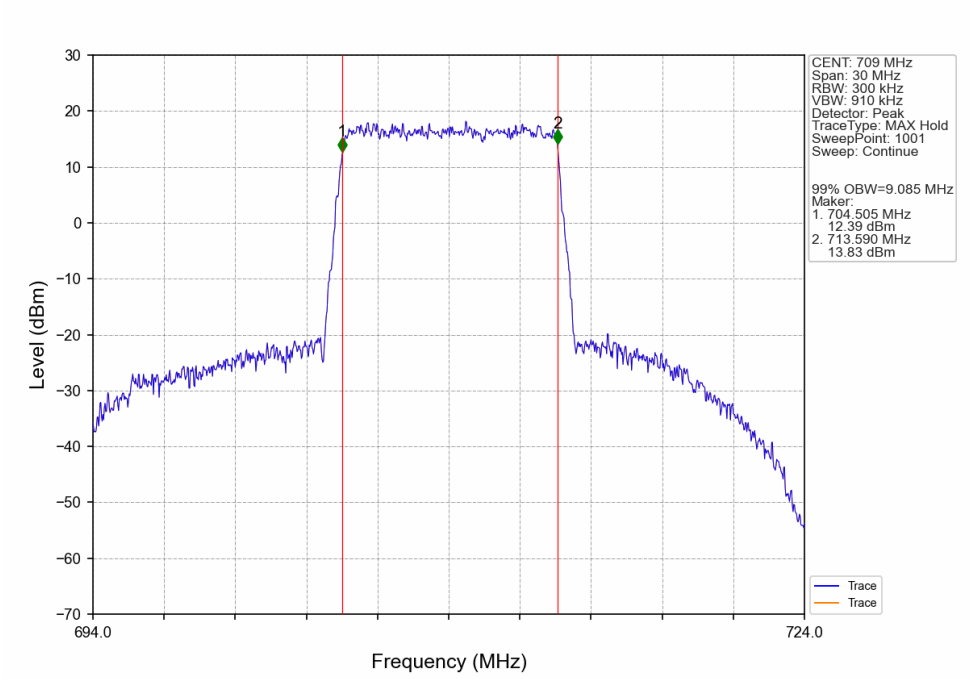
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



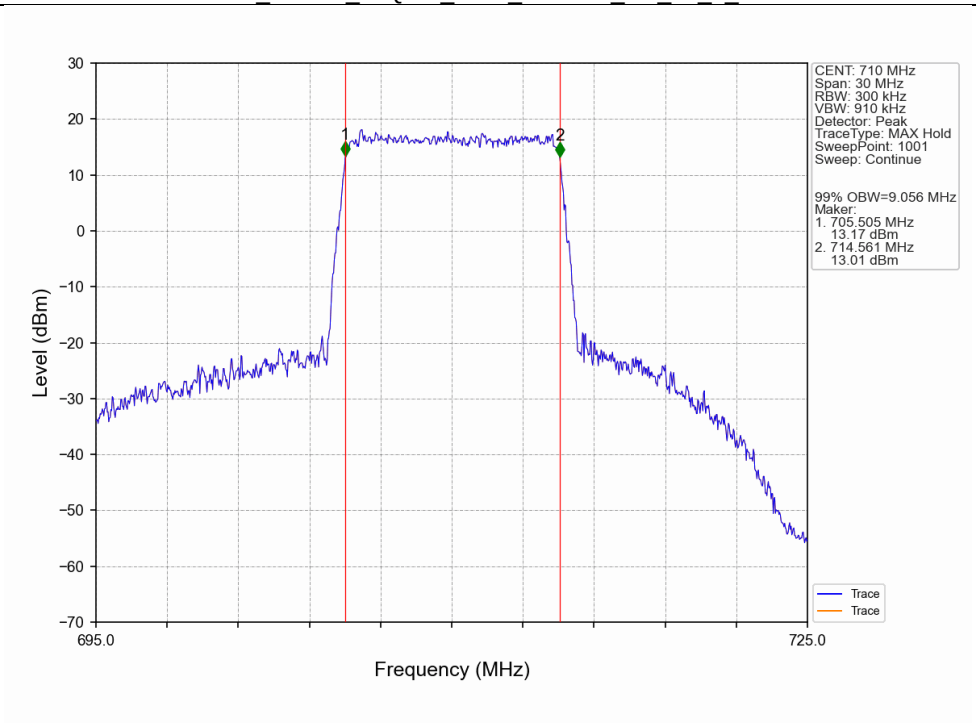
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



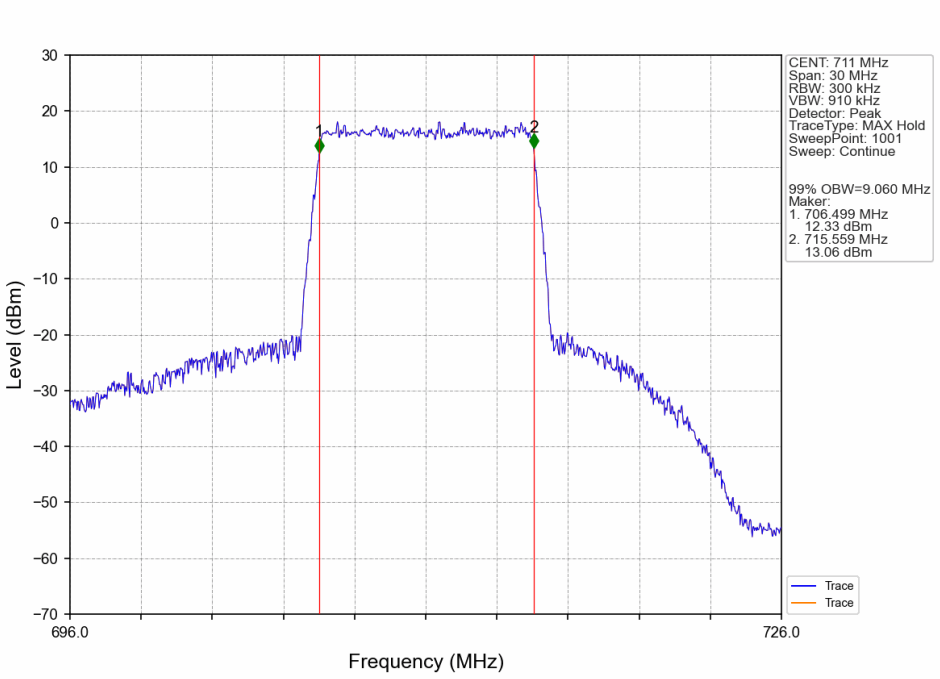
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



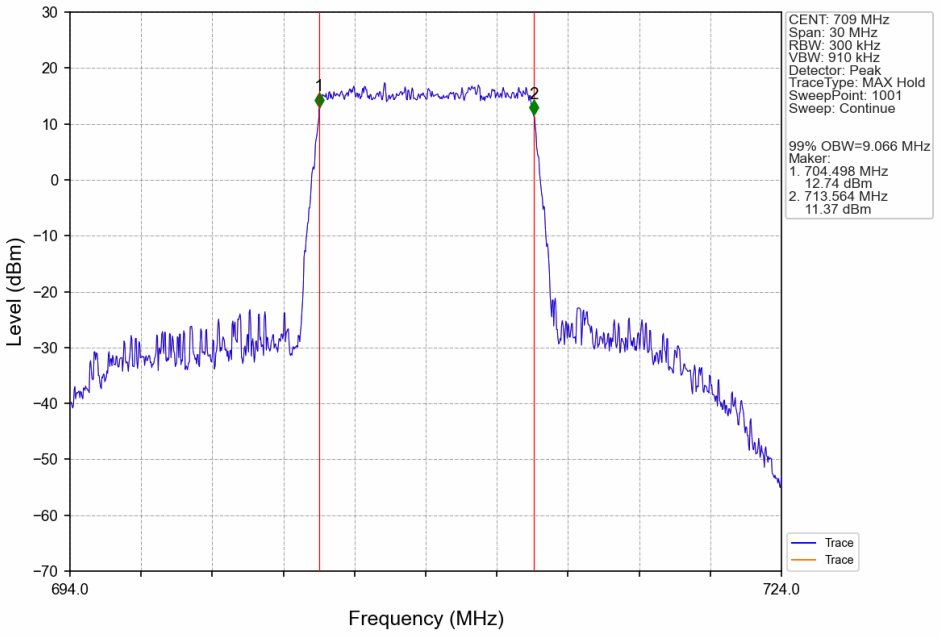
Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



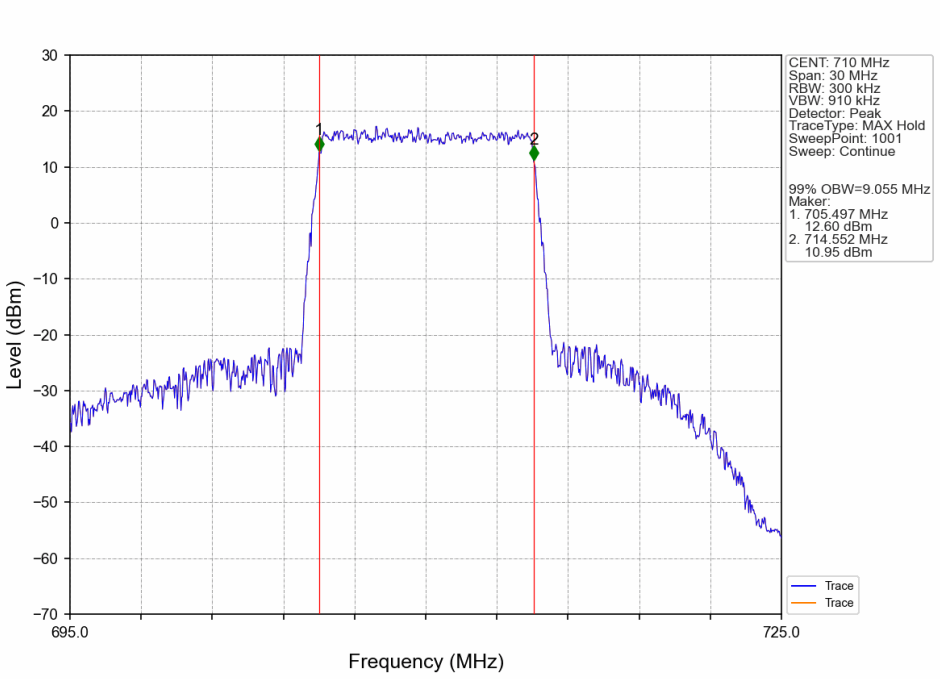
Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



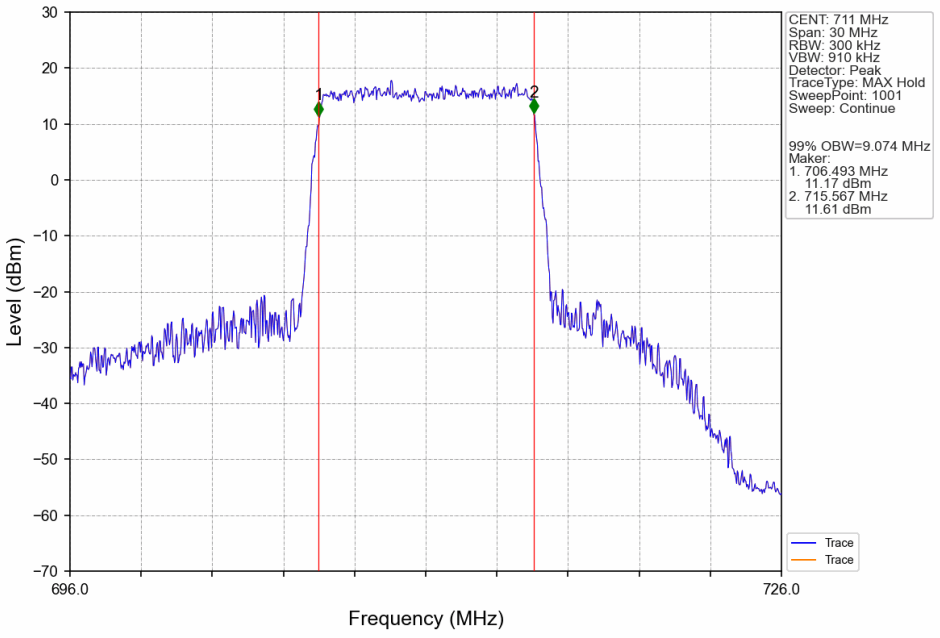
Band17_10MHz_64QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_64QAM_MCH_710MHz_RB_50_0_NTNV

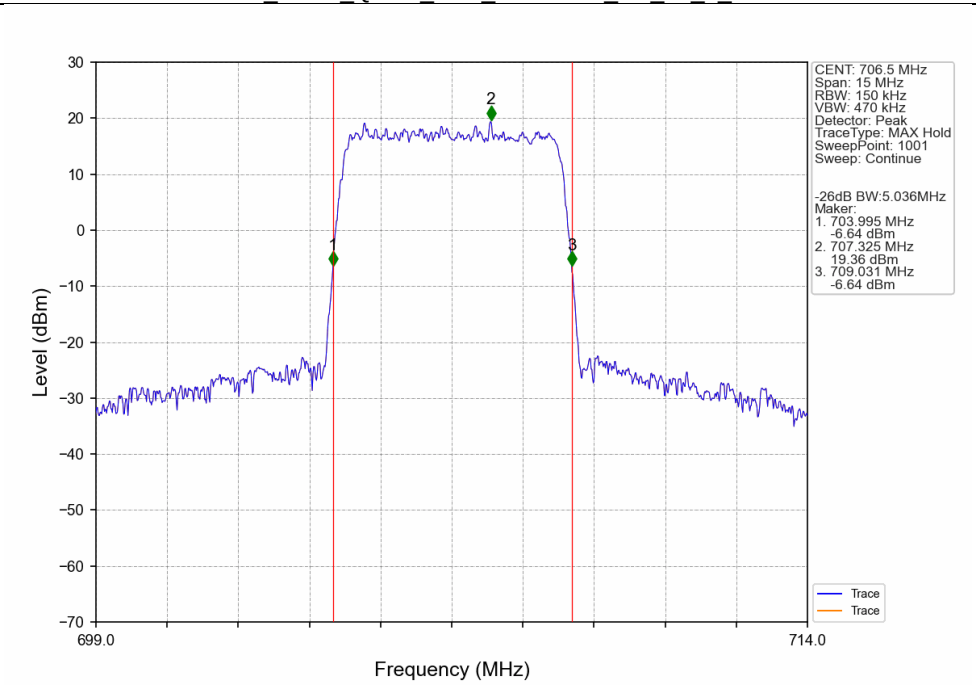


Band17_10MHz_64QAM_HCH_711MHz_RB_50_0_NTNV

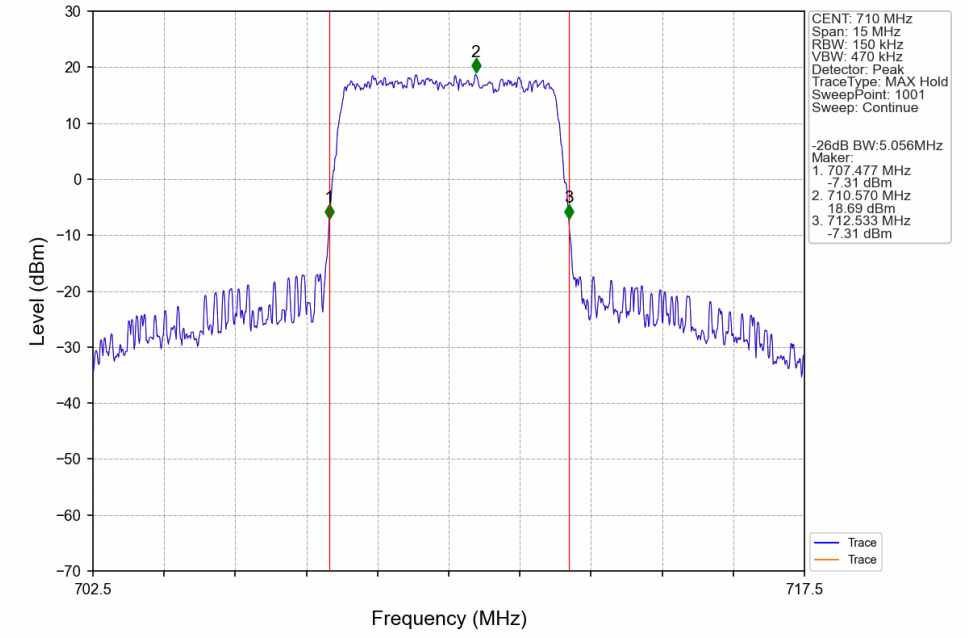


3.2.2 Band17_XDB

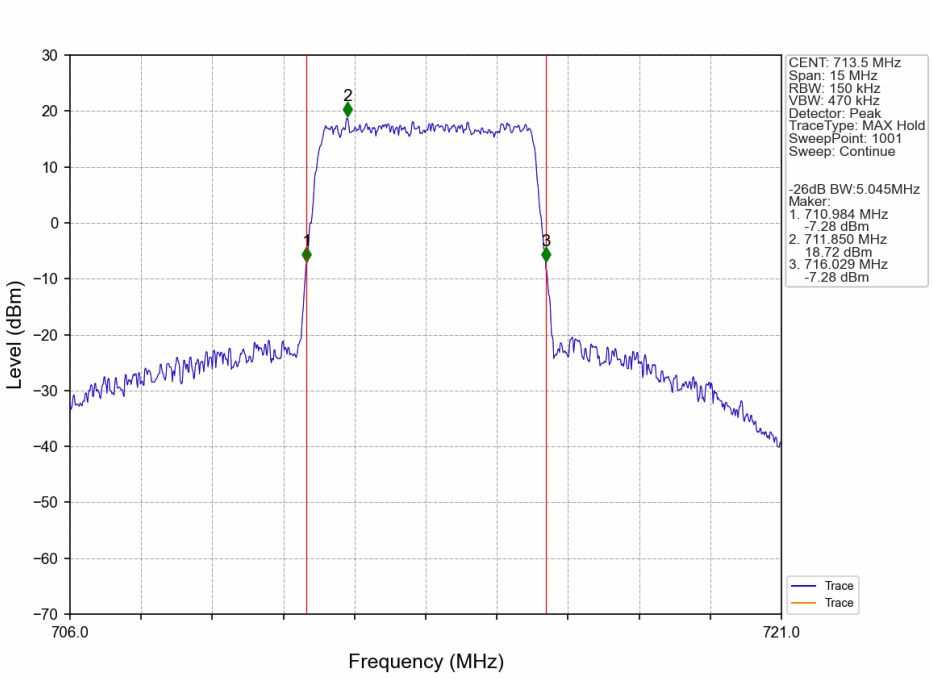
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



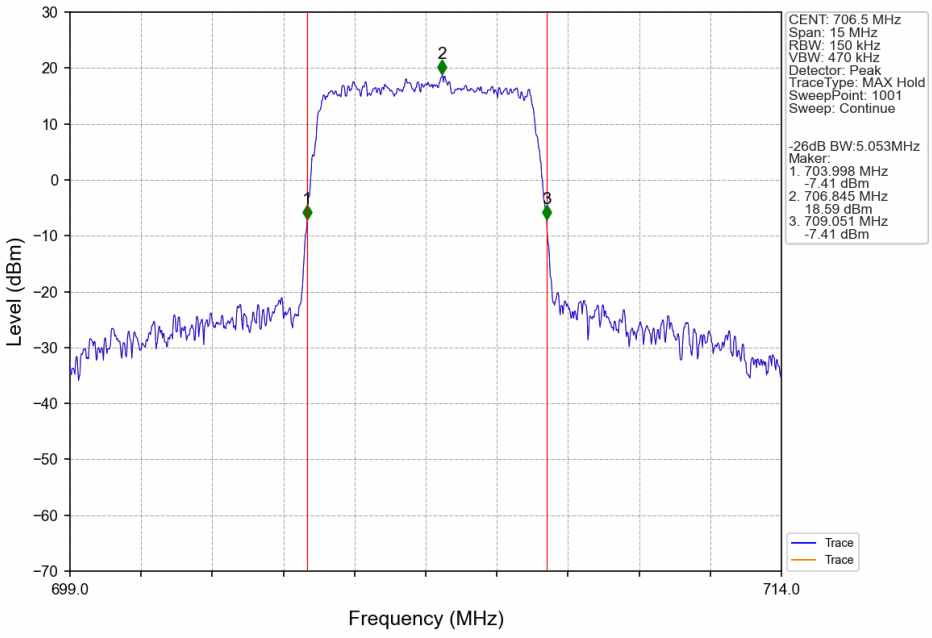
Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



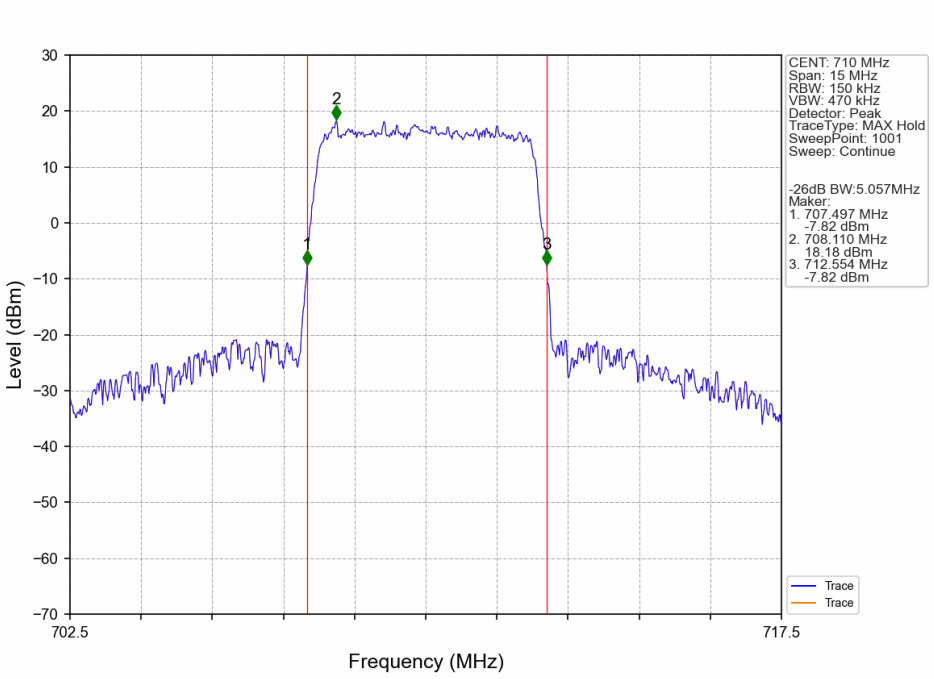
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



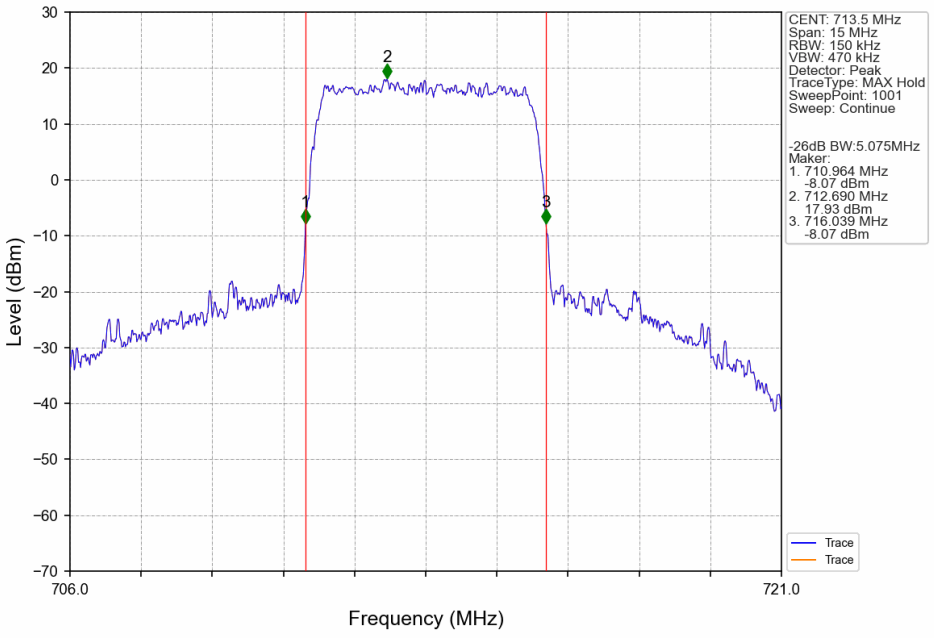
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



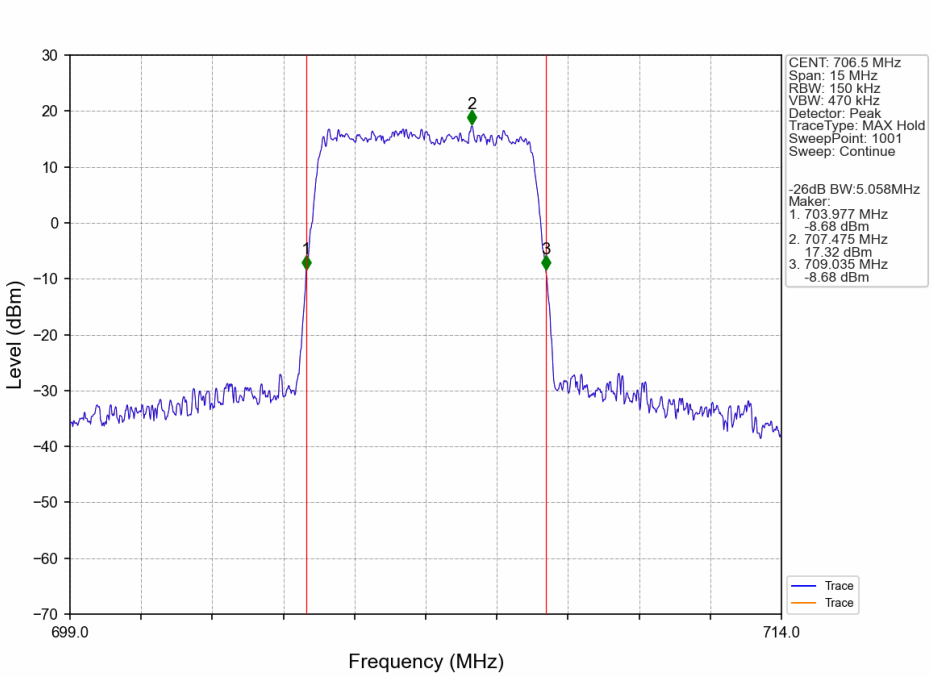
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



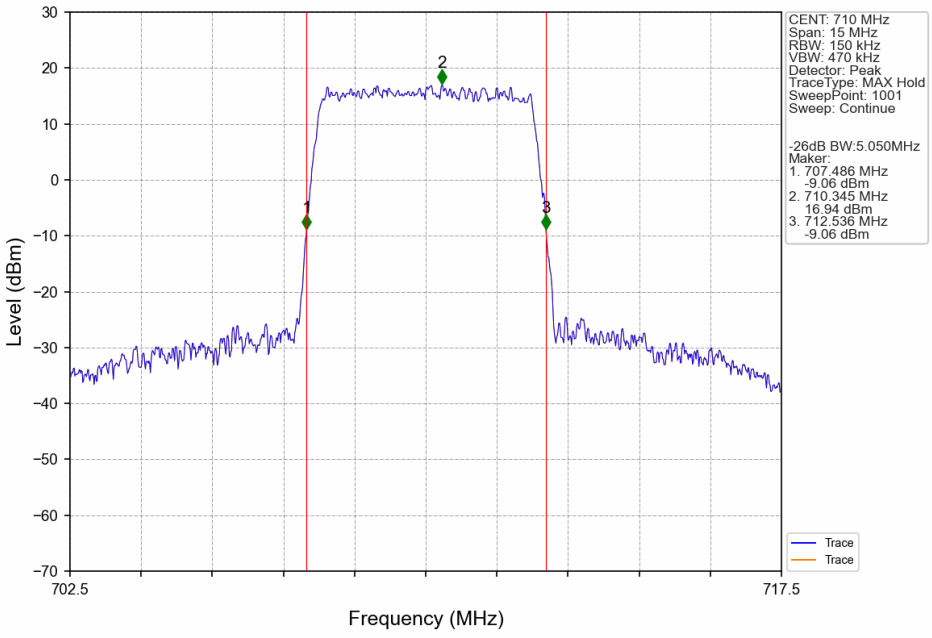
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



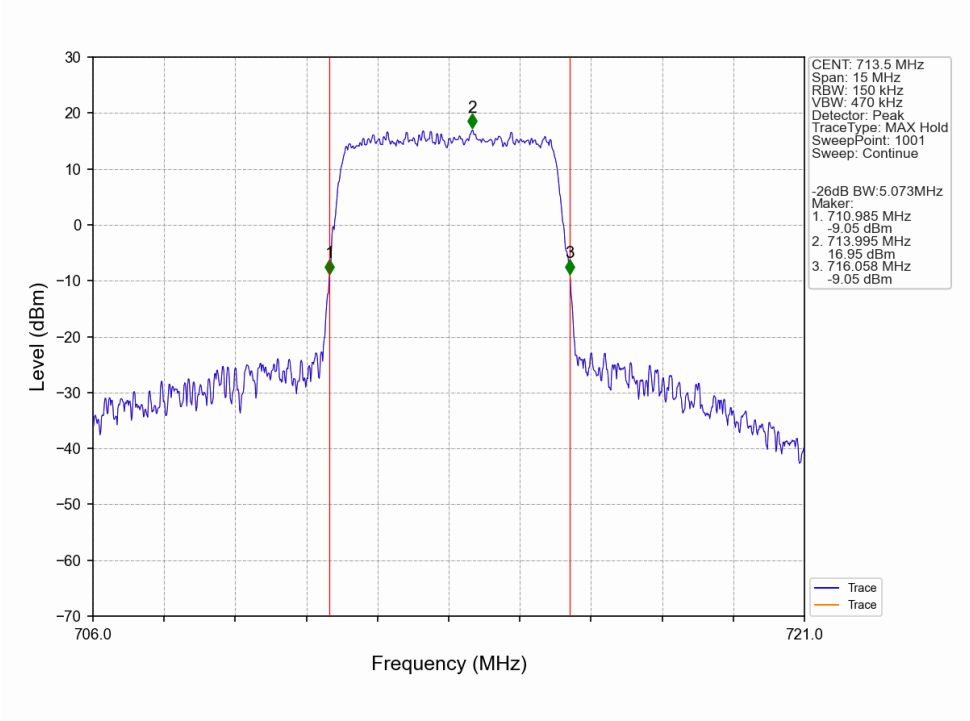
Band17_5MHz_64QAM_LCH_706.5MHz_RB_25_0_NTNV



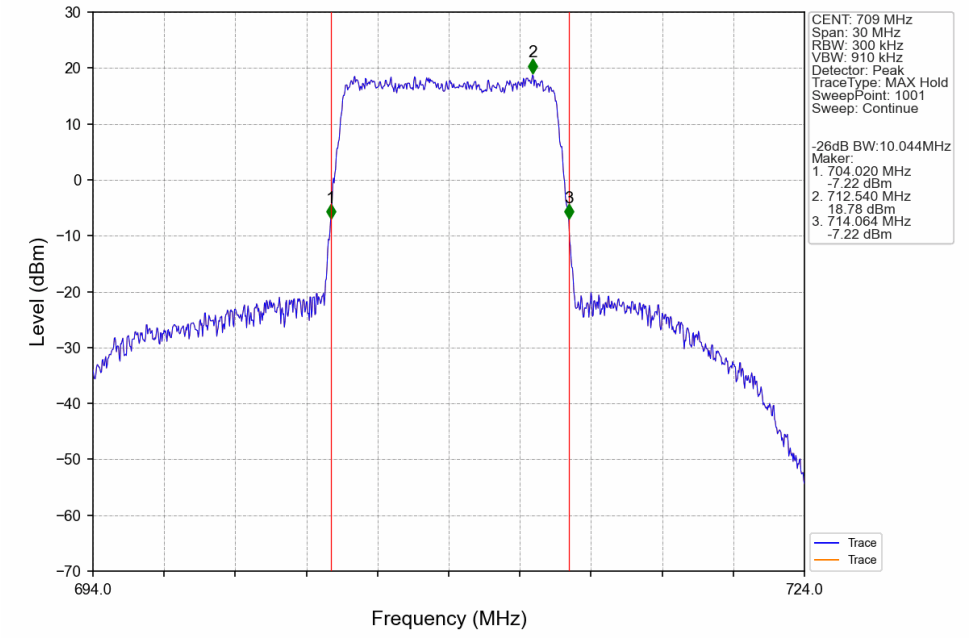
Band17_5MHz_64QAM_MCH_710MHz_RB_25_0_NTNV



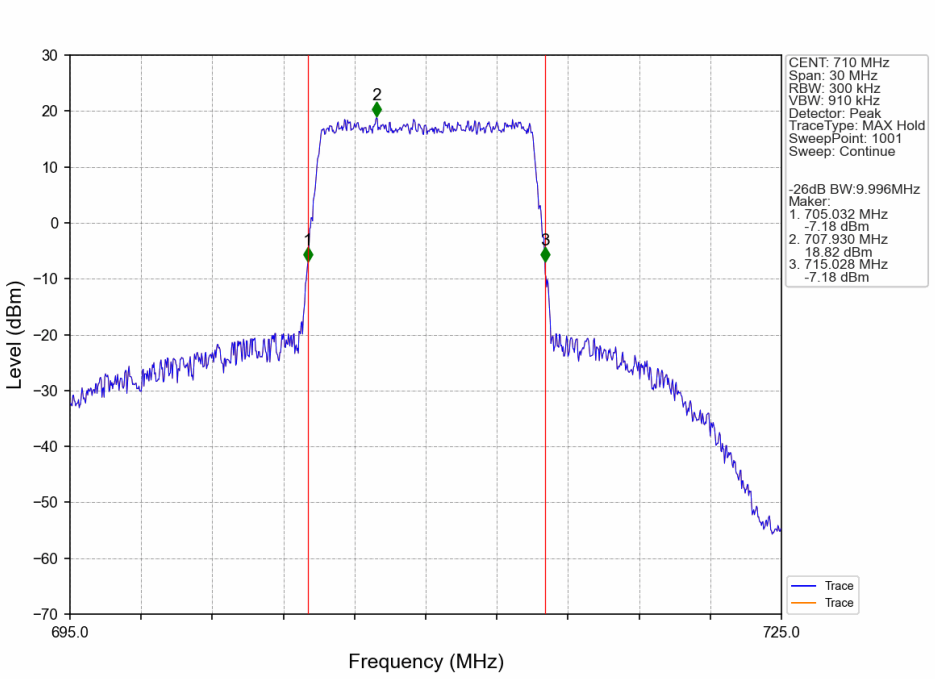
Band17_5MHz_64QAM_HCH_713.5MHz_RB_25_0_NTNV



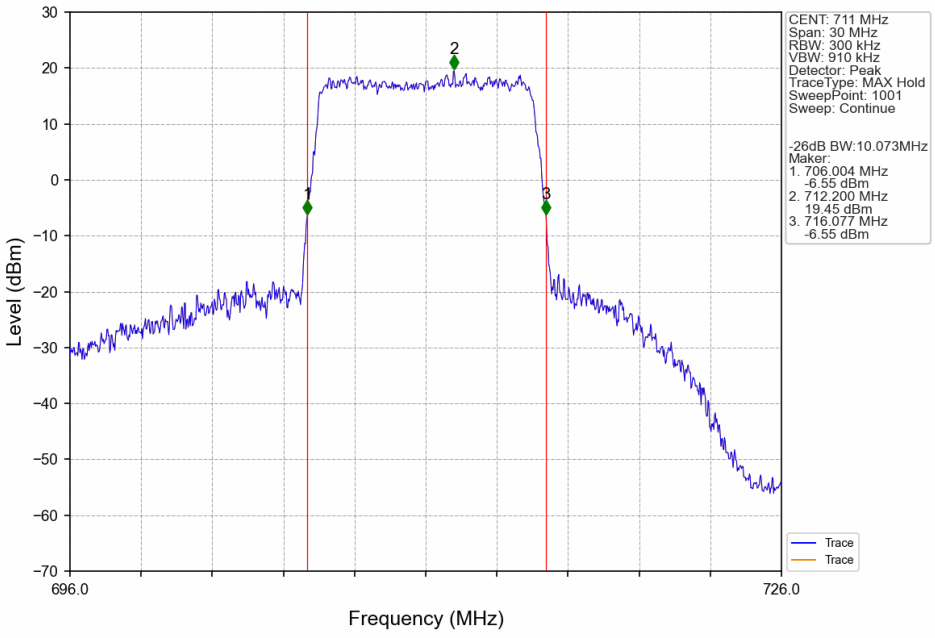
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



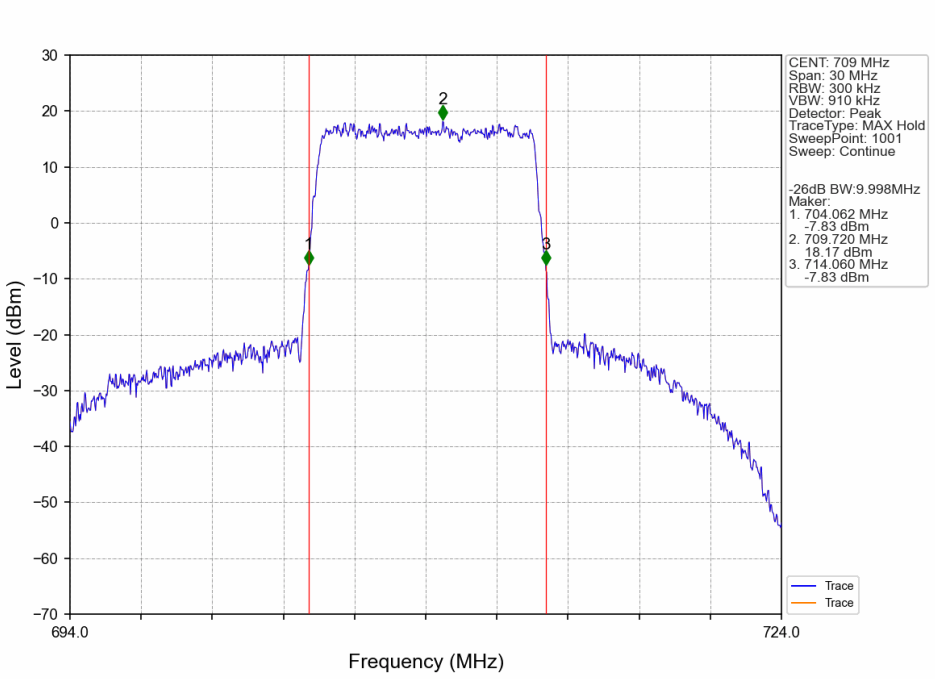
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



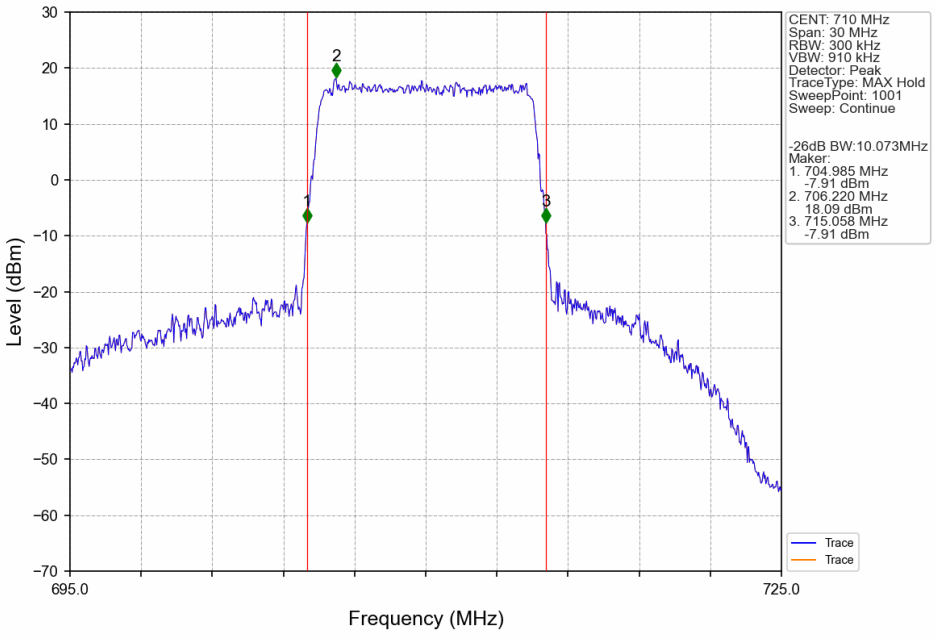
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



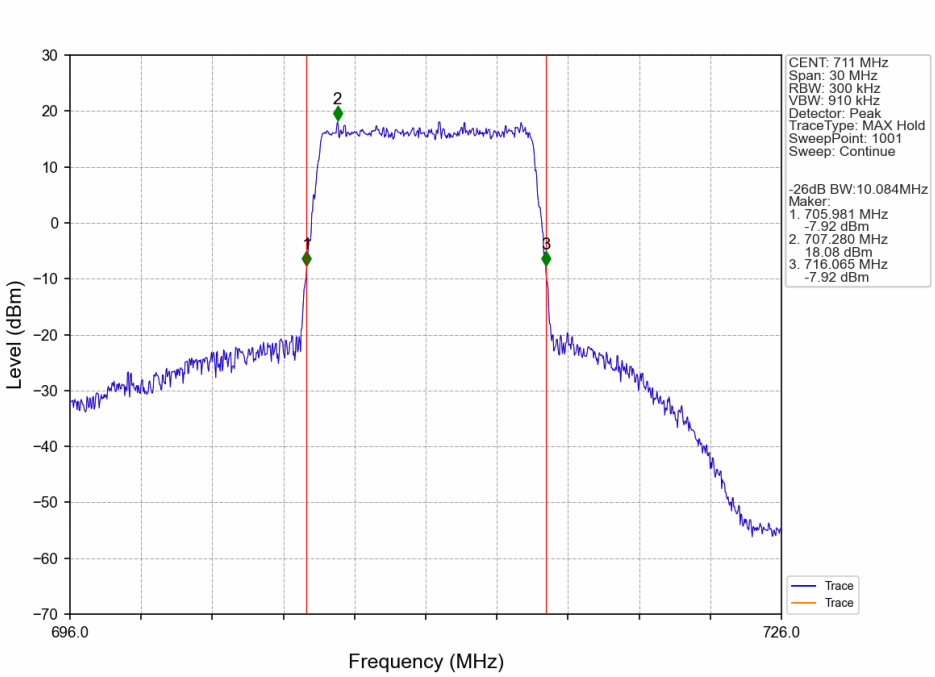
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



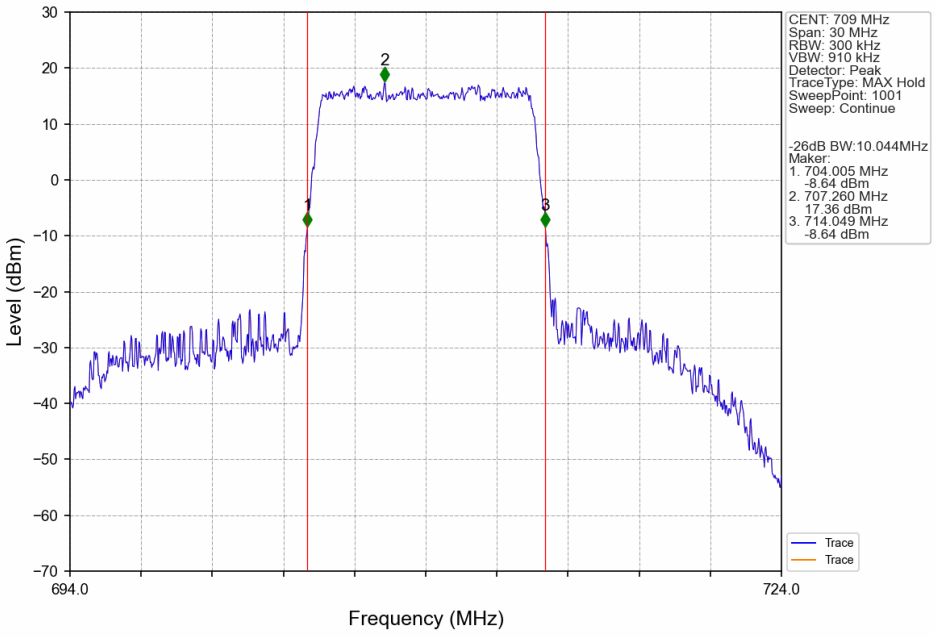
Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



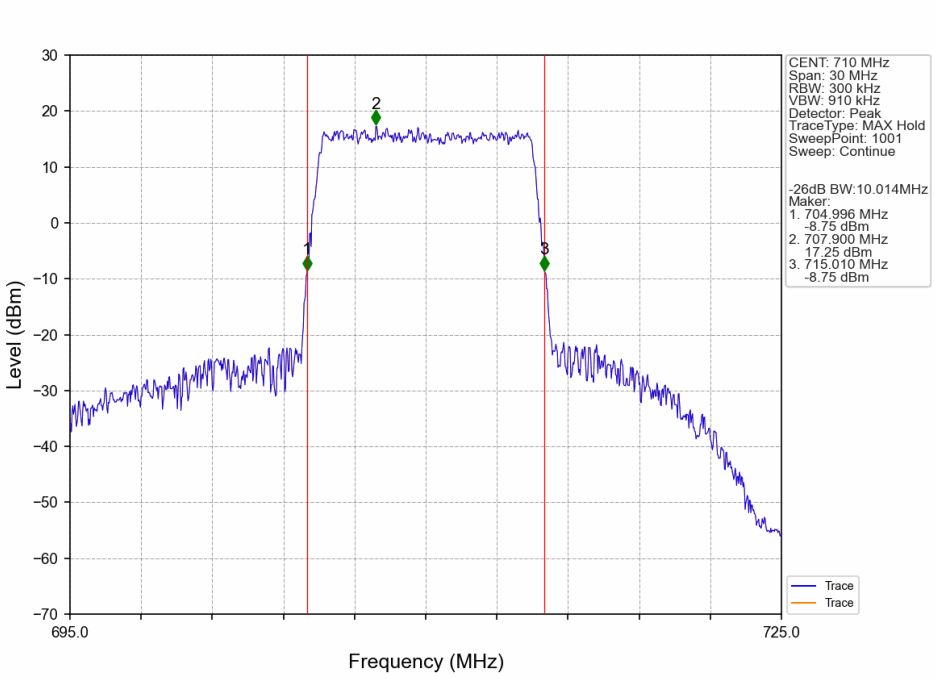
Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



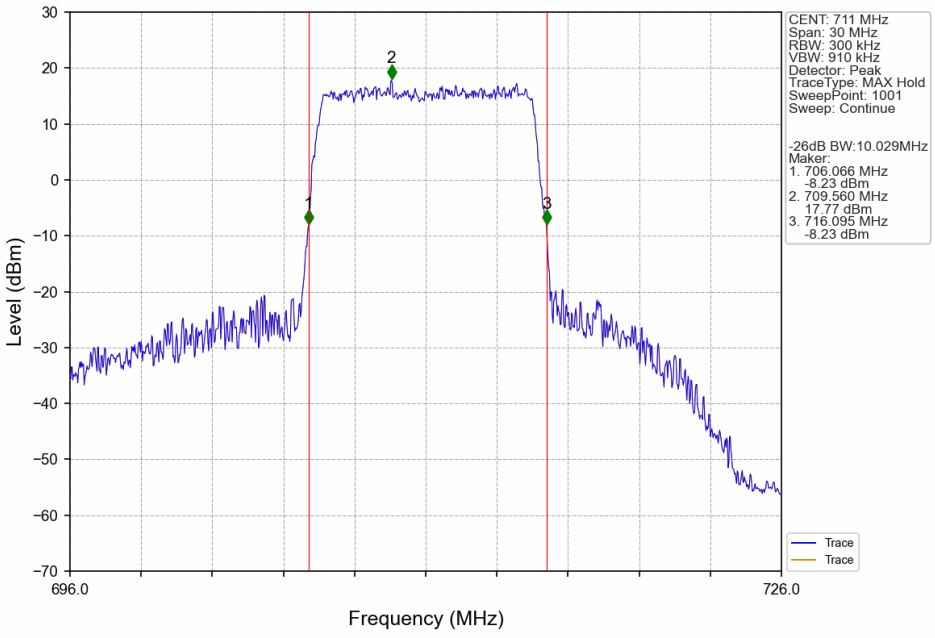
Band17_10MHz_64QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_64QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_64QAM_HCH_711MHz_RB_50_0_NTNV



4. Peak-Average Ratio

4.1 Test Result

4.1.1 B17_5MHz

Band: 17 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	706.5	25	0	5.59	<=13	Pass
	710	25	0	5.56	<=13	Pass
	713.5	25	0	5.43	<=13	Pass
16QAM	706.5	25	0	6.27	<=13	Pass
	710	25	0	6.28	<=13	Pass
	713.5	25	0	6.21	<=13	Pass
64QAM	706.5	25	0	6.50	<=13	Pass
	710	25	0	6.50	<=13	Pass
	713.5	25	0	6.47	<=13	Pass

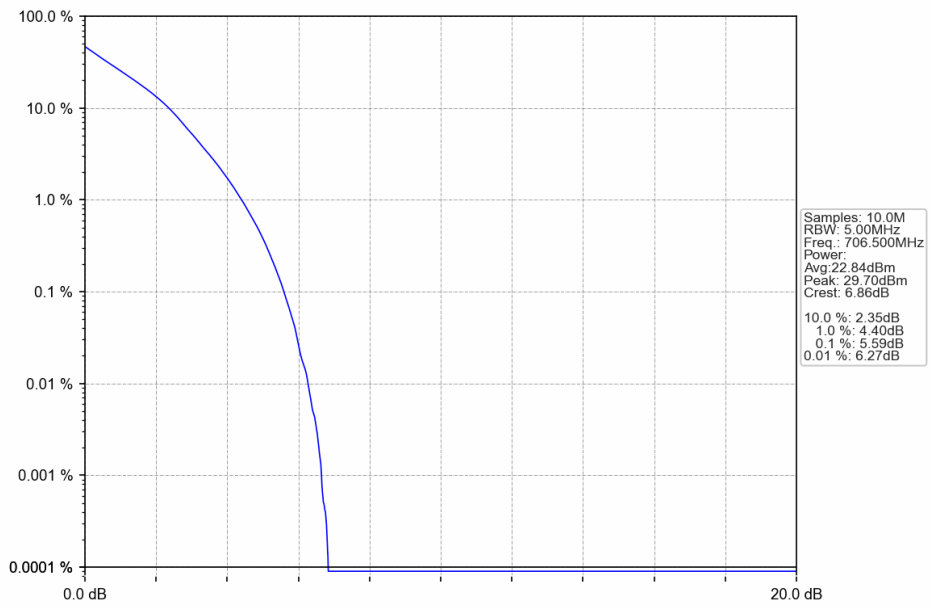
4.1.2 B17_10MHz

Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	709	50	0	5.57	<=13	Pass
	710	50	0	5.50	<=13	Pass
	711	50	0	5.49	<=13	Pass
16QAM	709	50	0	6.26	<=13	Pass
	710	50	0	6.31	<=13	Pass
	711	50	0	6.28	<=13	Pass
64QAM	709	50	0	6.53	<=13	Pass
	710	50	0	6.56	<=13	Pass
	711	50	0	6.51	<=13	Pass

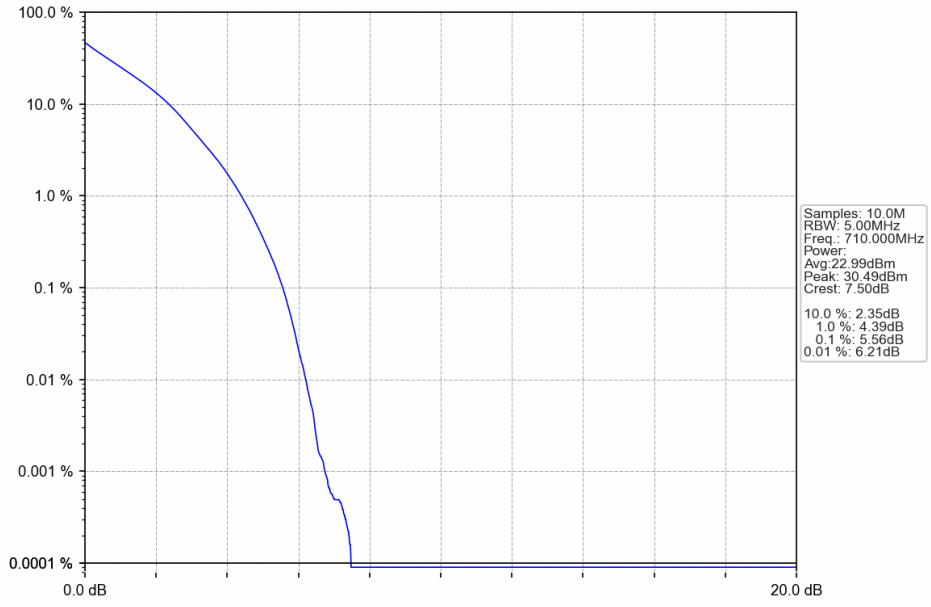
4.2 Test Graph

4.2.1 B17_5MHz

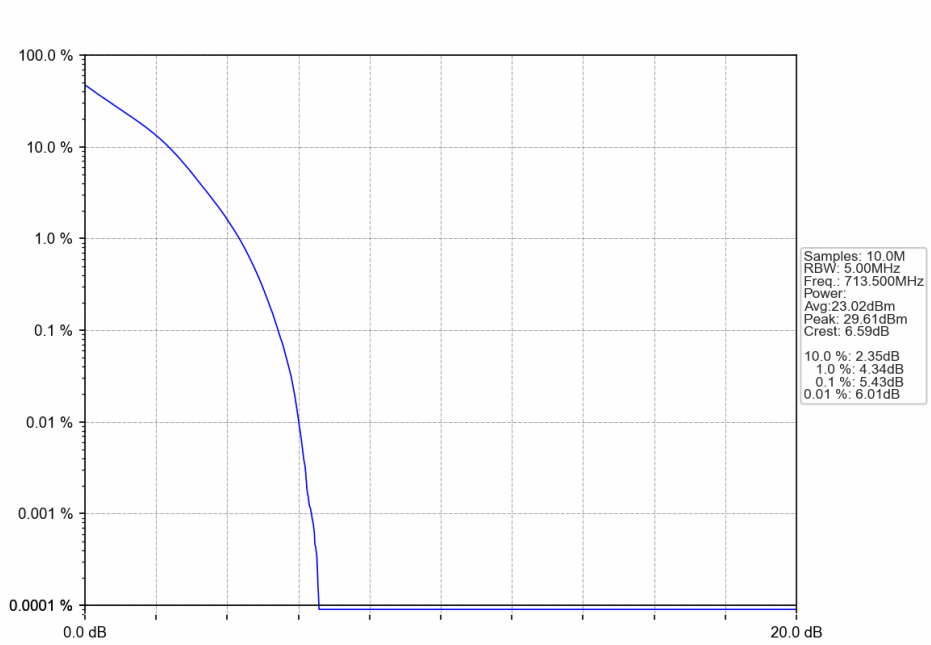
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



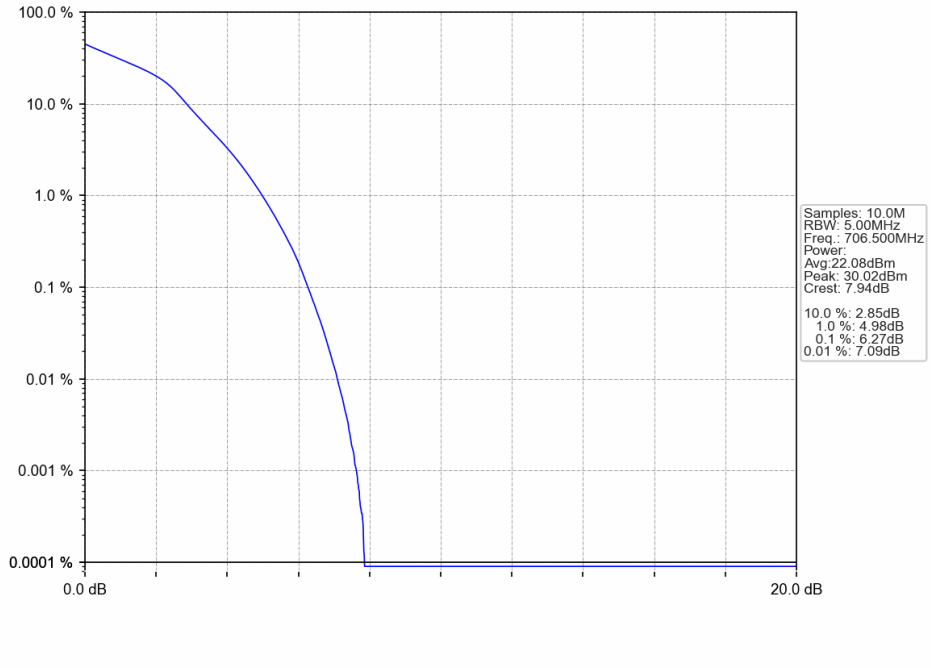
Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



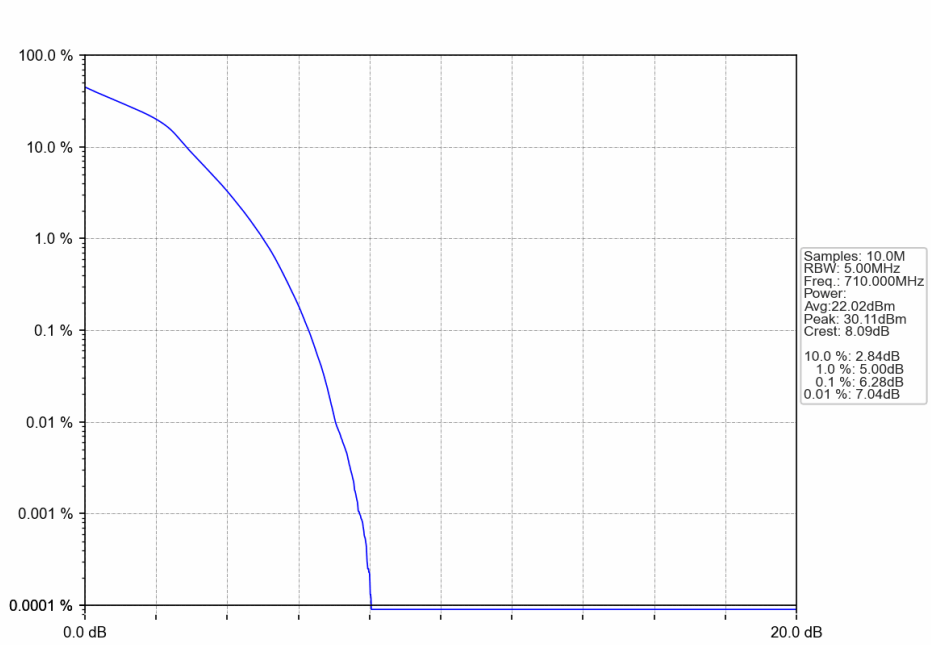
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



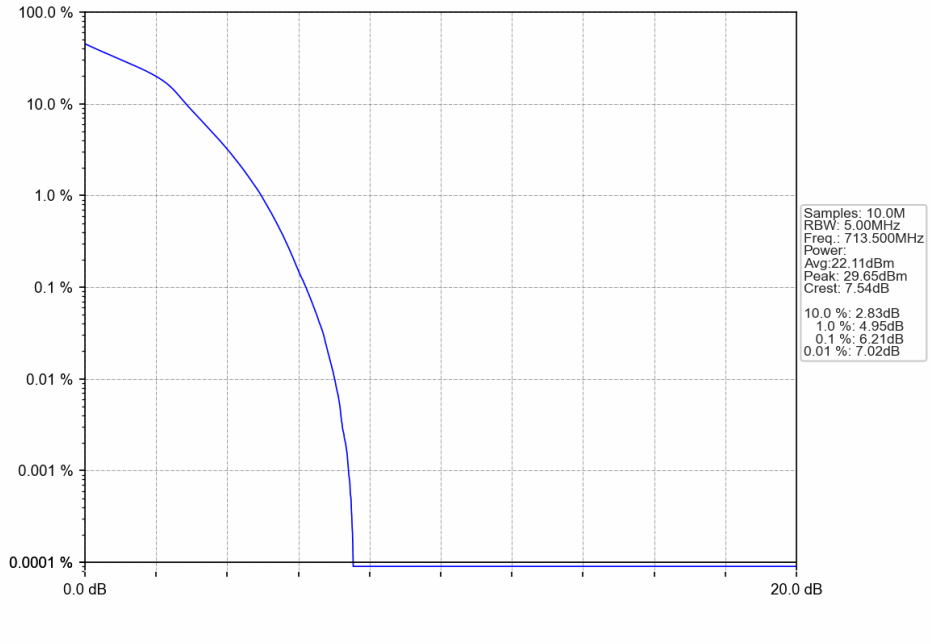
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



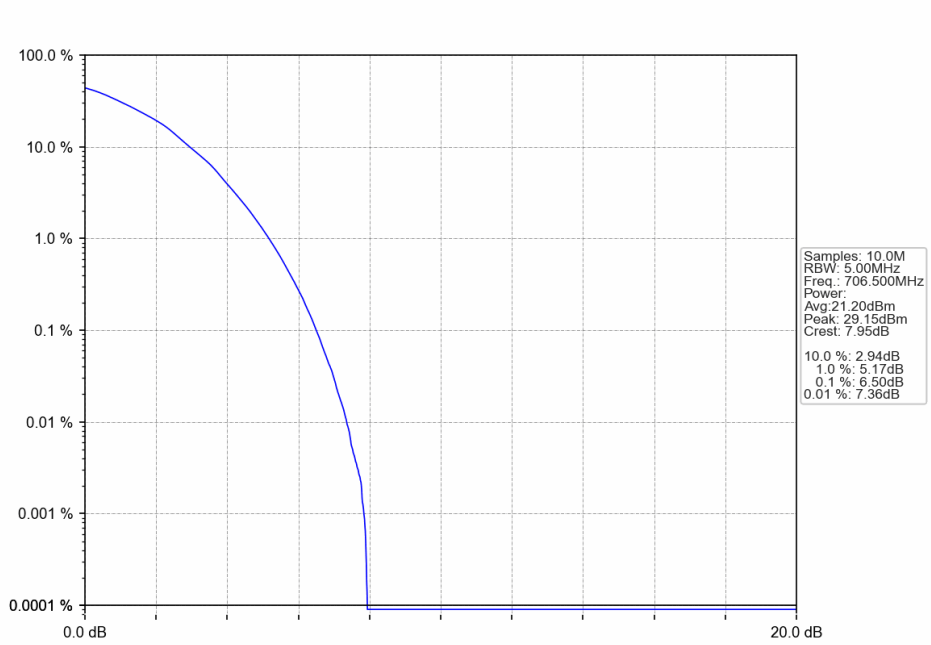
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



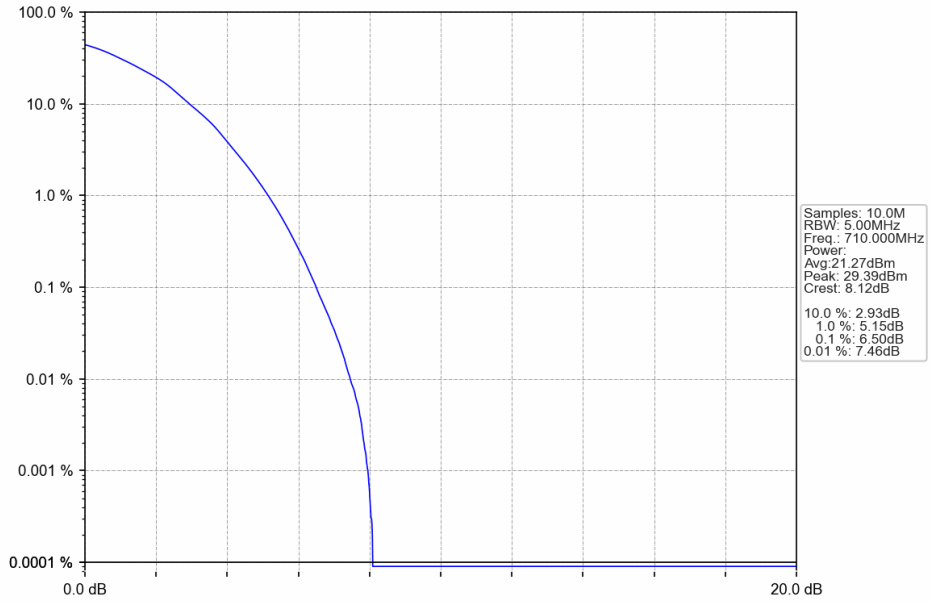
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



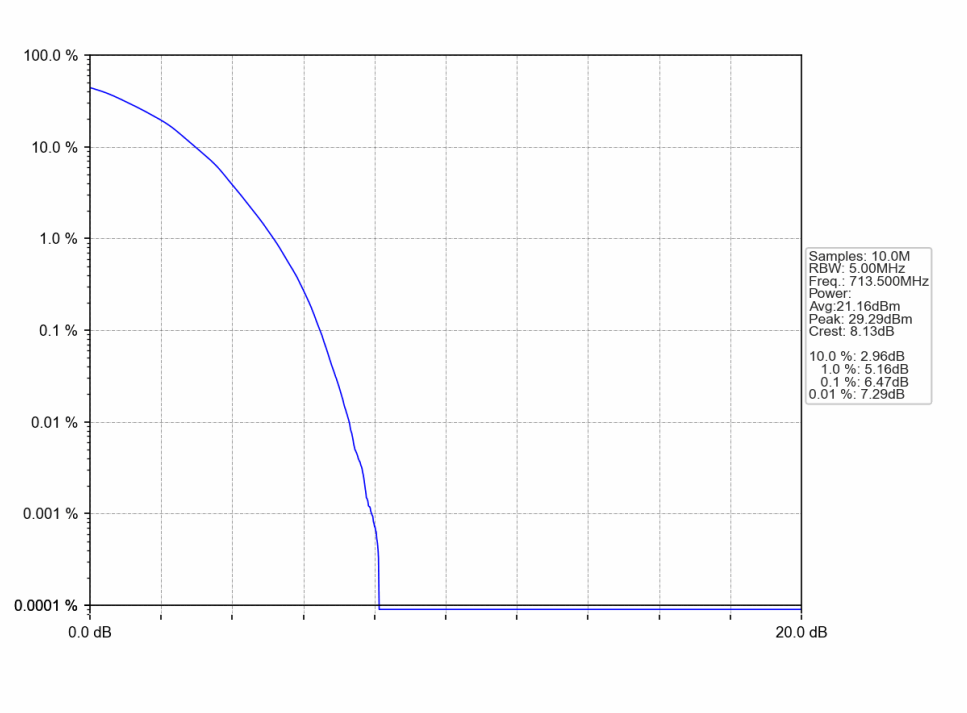
Band17_5MHz_64QAM_LCH_706.5MHz_RB_25_0_NTNV



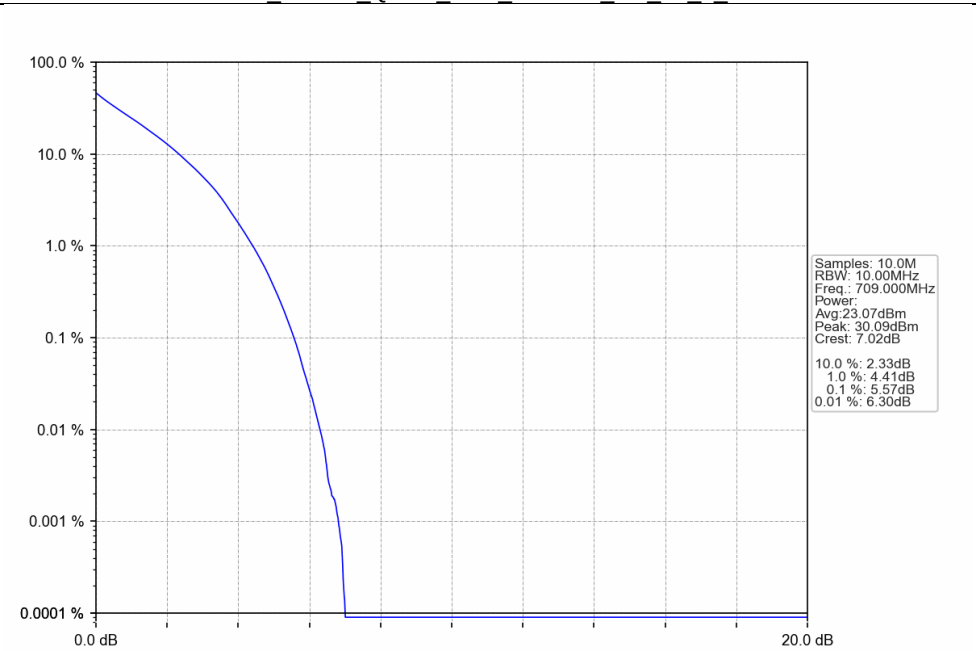
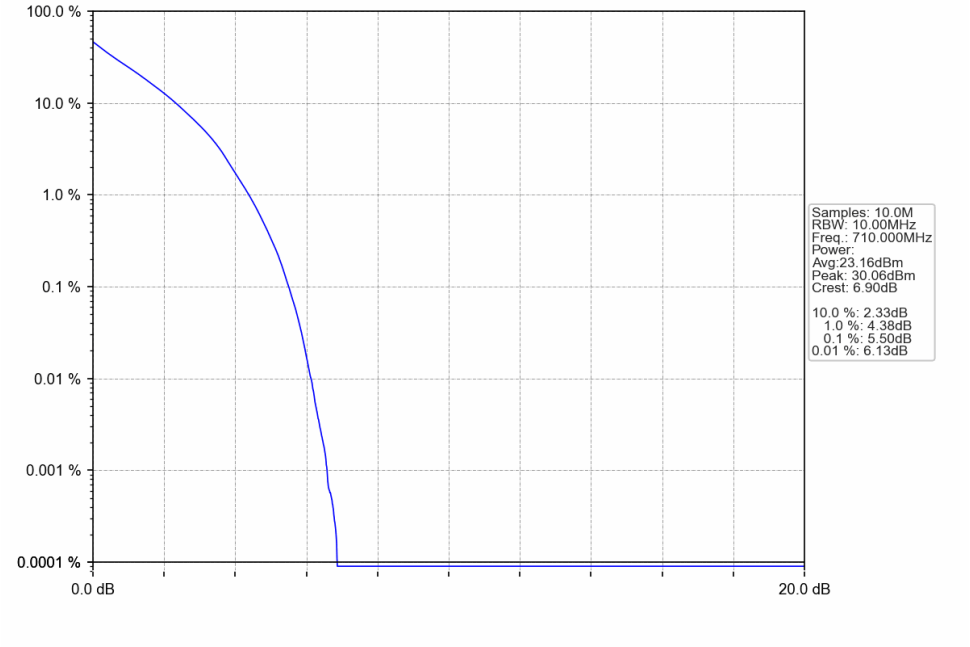
Band17_5MHz_64QAM_MCH_710MHz_RB_25_0_NTNV



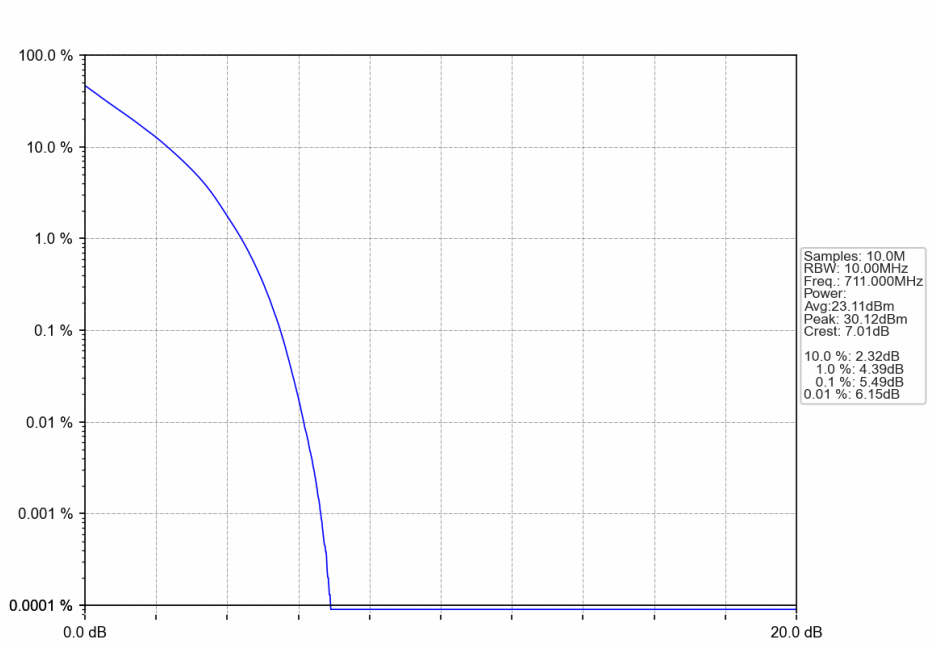
Band17_5MHz_64QAM_HCH_713.5MHz_RB_25_0_NTNV



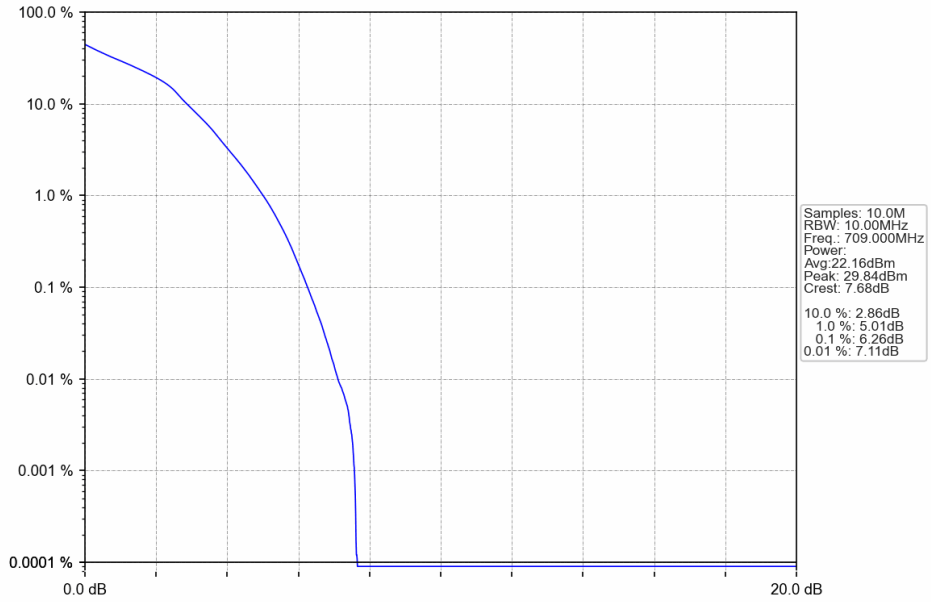
4.2.2 B17_10MHz

Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV

Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV


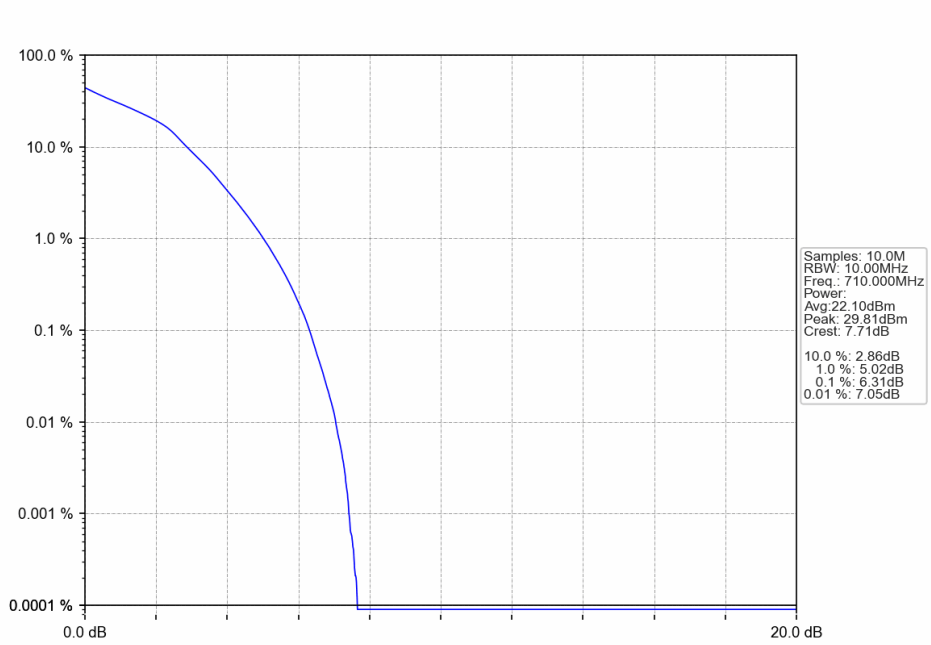
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



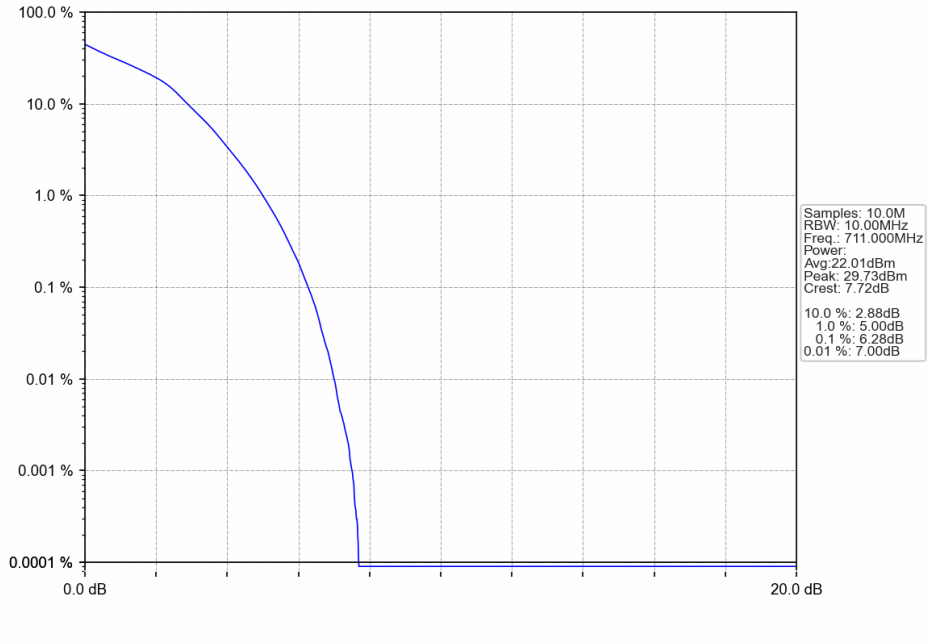
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



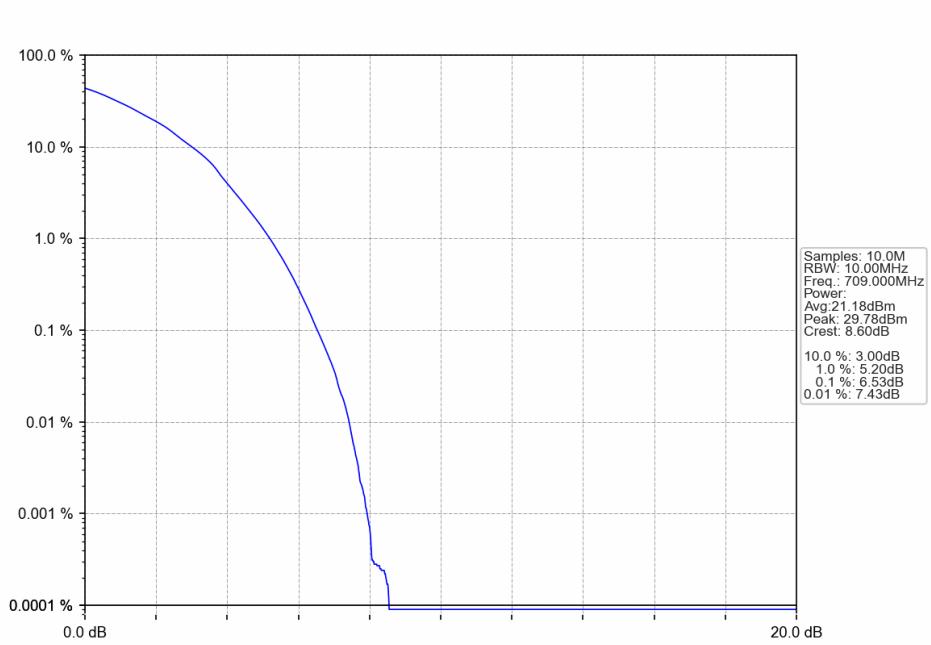
Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



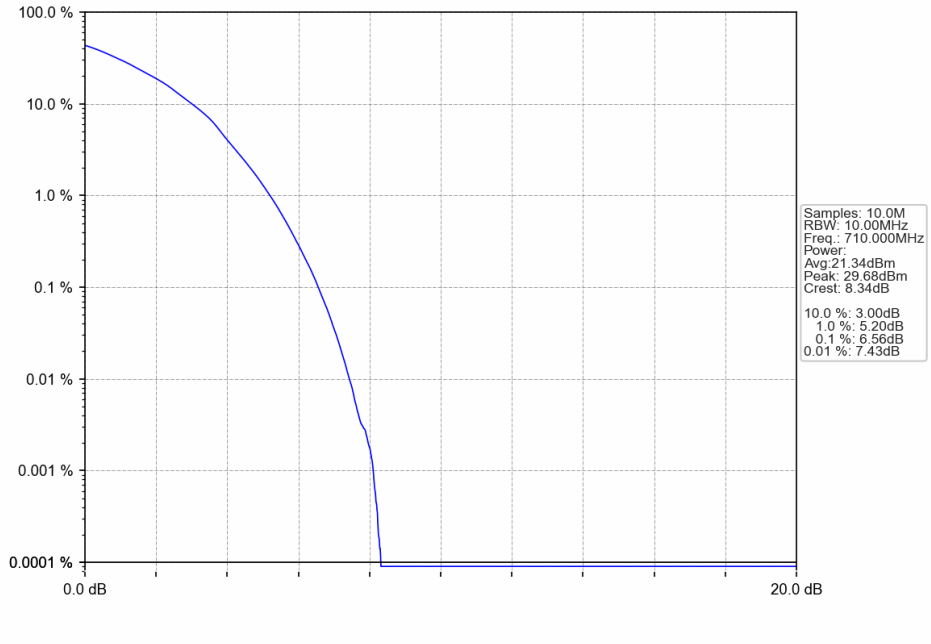
Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



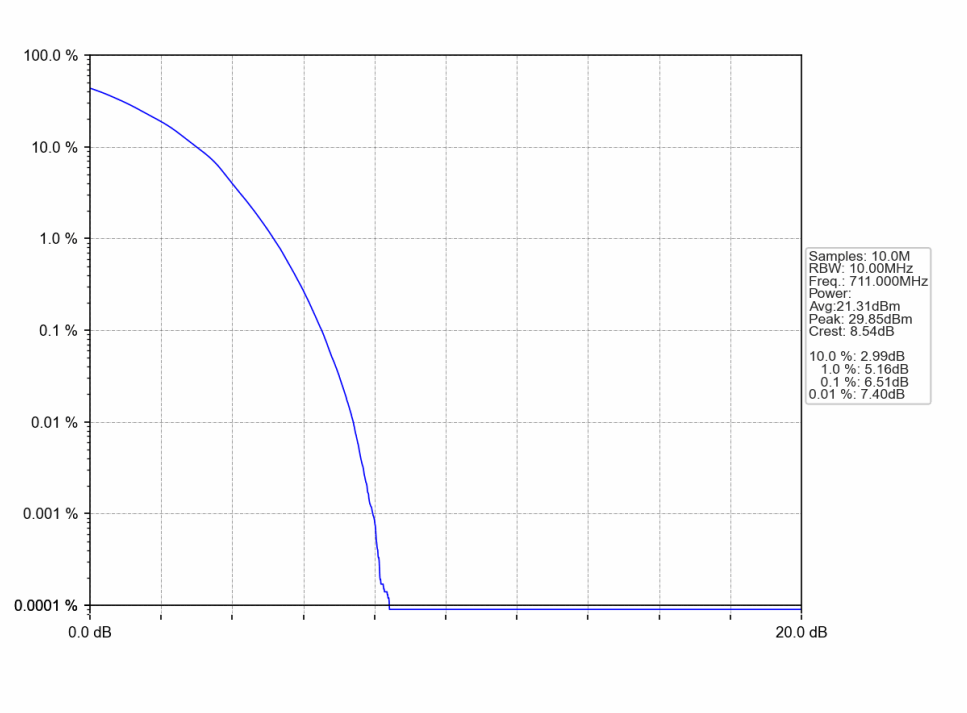
Band17_10MHz_64QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_64QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_64QAM_HCH_711MHz_RB_50_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 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
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

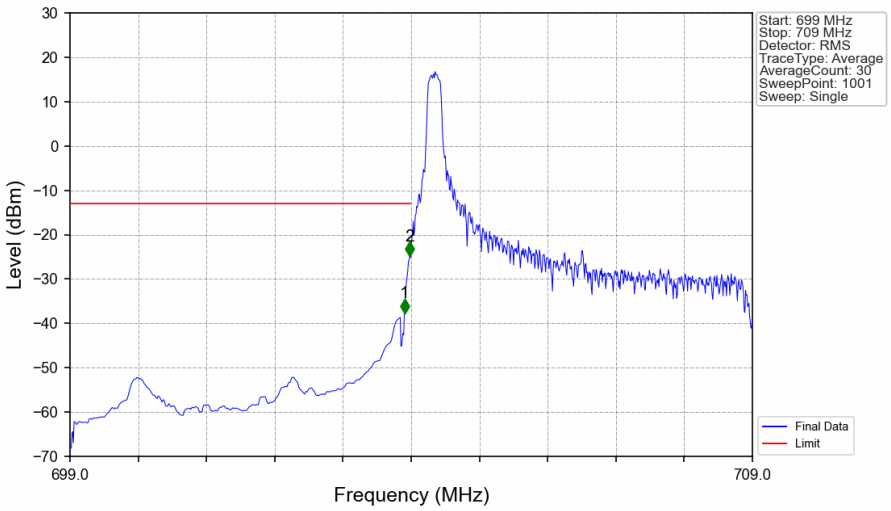
5.1.2 B17_10MHz

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
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

5.2 Test Graph

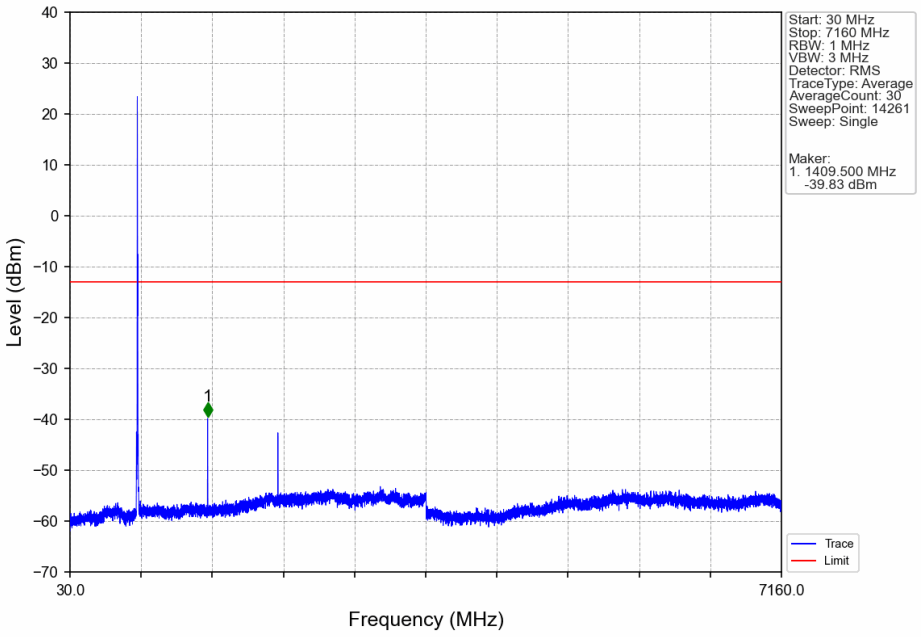
5.2.1 B17_5MHz

Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV

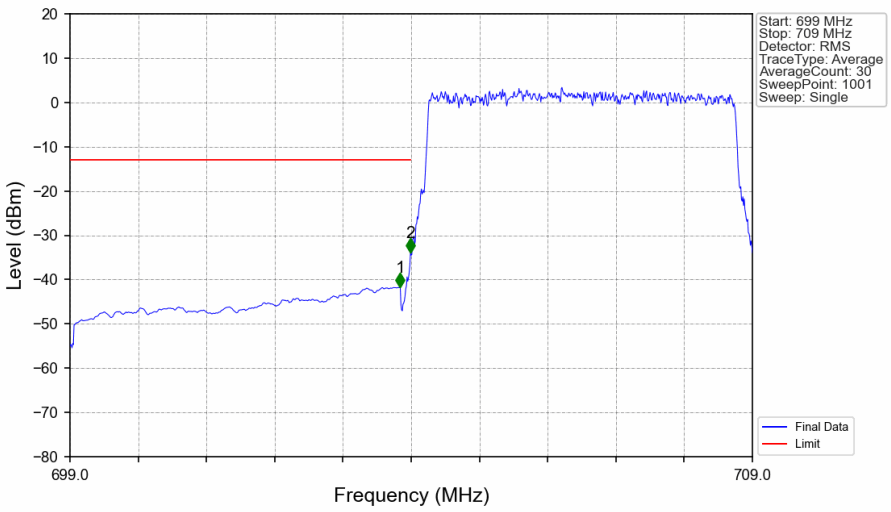


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.900	-37.62	-13	Pass
703.9	704	0.03	/	2	703.980	-24.77	-13	Pass
704	709	0.03	/	/	/	/	/	/

Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV

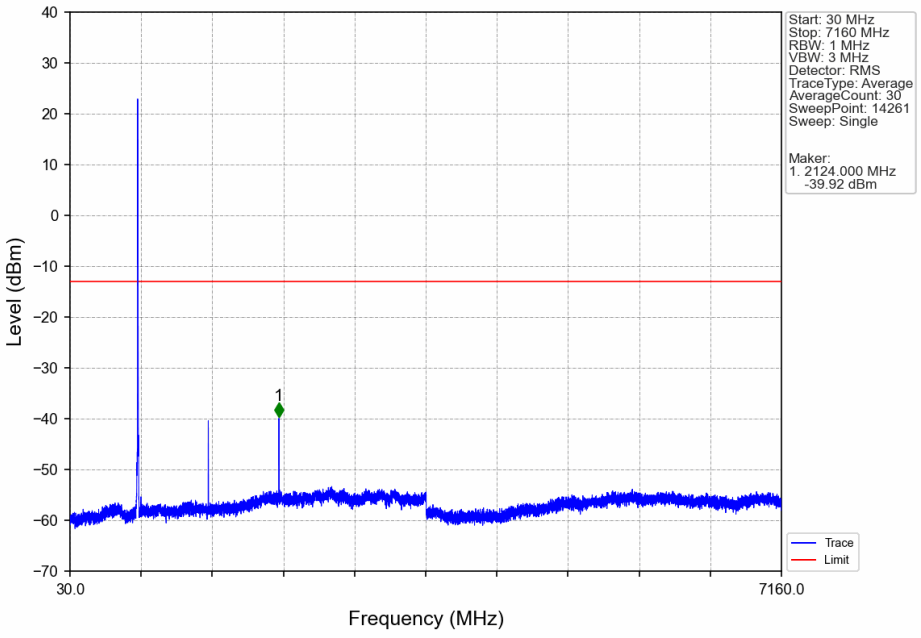


Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV

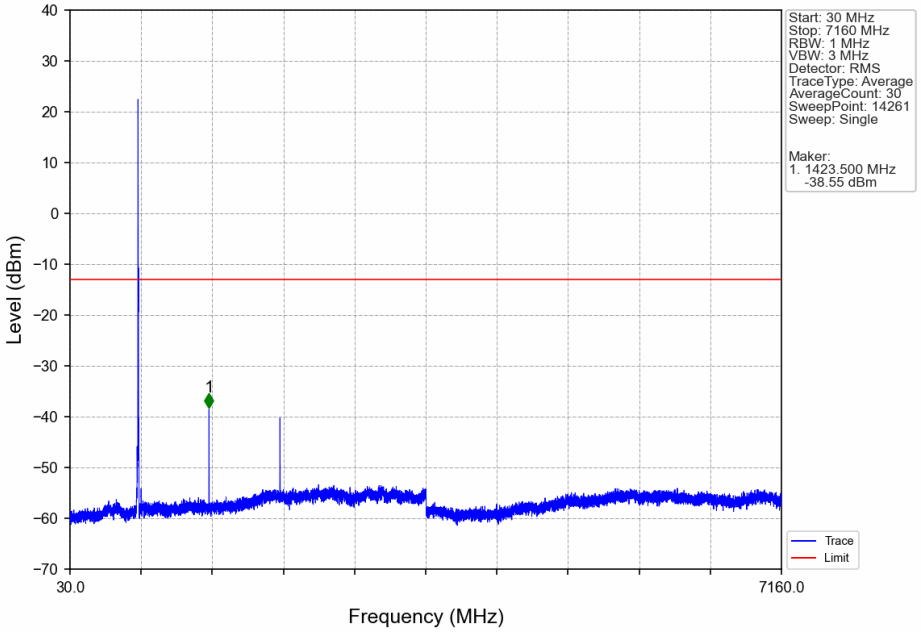


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-41.73	-13	Pass
703.9	704	0.03	/	2	703.990	-33.83	-13	Pass
704	709	0.03	/	/	/	/	/	/

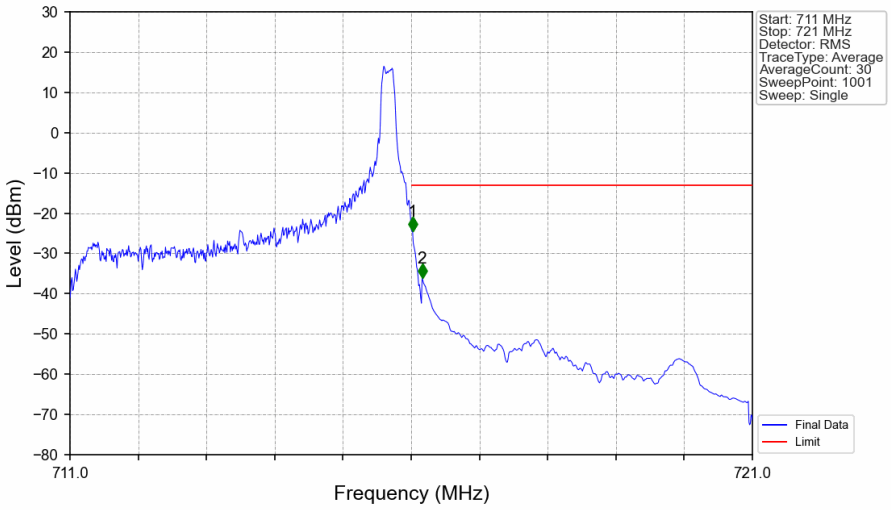
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV

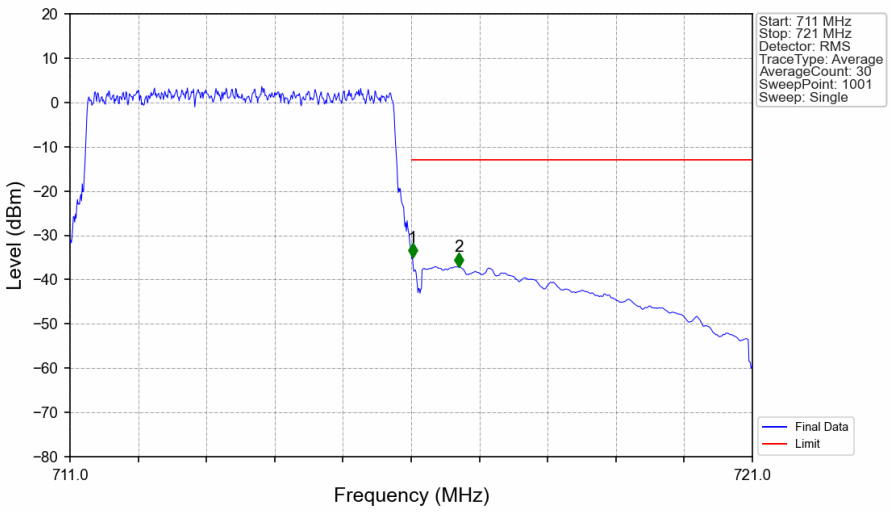


Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV



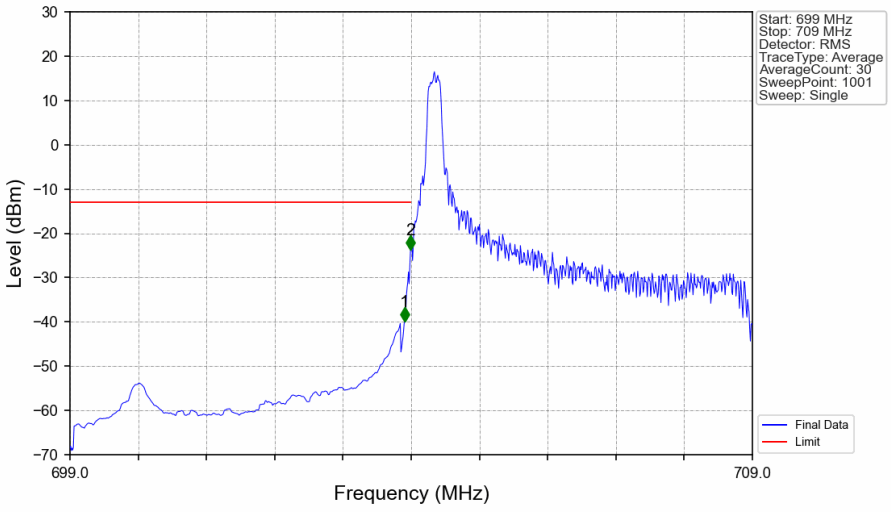
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.020	-24.38	-13	Pass
716.1	721	0.1	CHP	2	716.160	-36.02	-13	Pass

Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



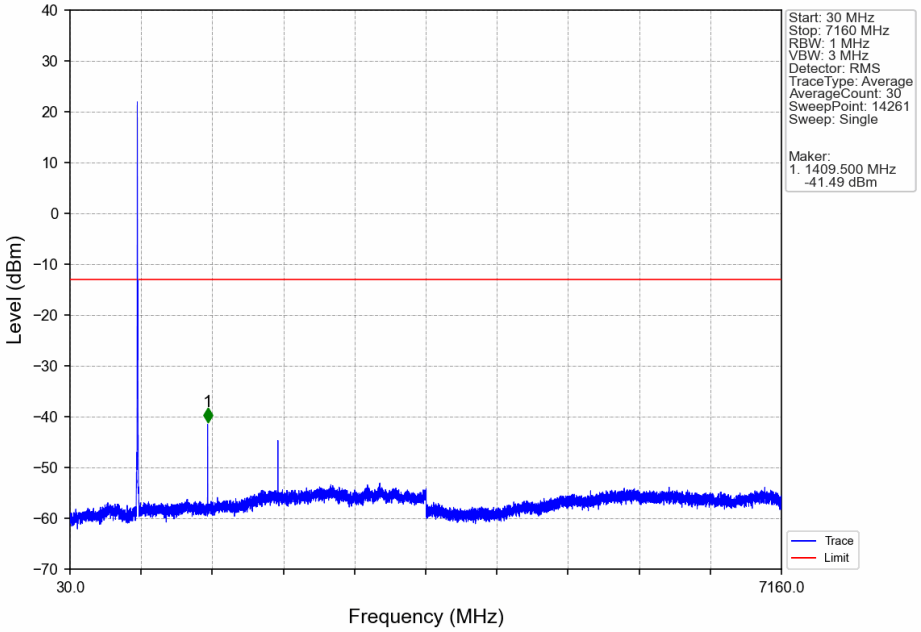
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.020	-34.97	-13	Pass
716.1	721	0.1	CHP	2	716.700	-37.05	-13	Pass

Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV

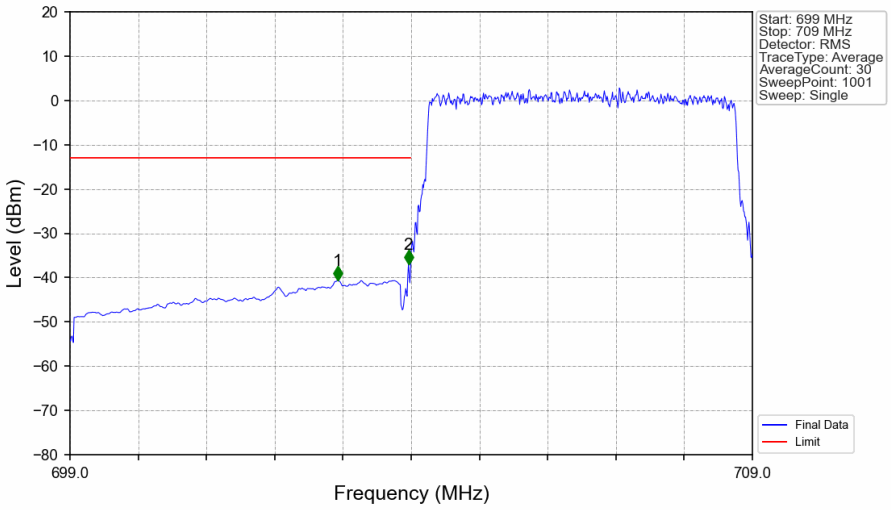


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.900	-39.83	-13	Pass
703.9	704	0.03	/	2	703.990	-23.73	-13	Pass
704	709	0.03	/	/	/	/	/	/

Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV

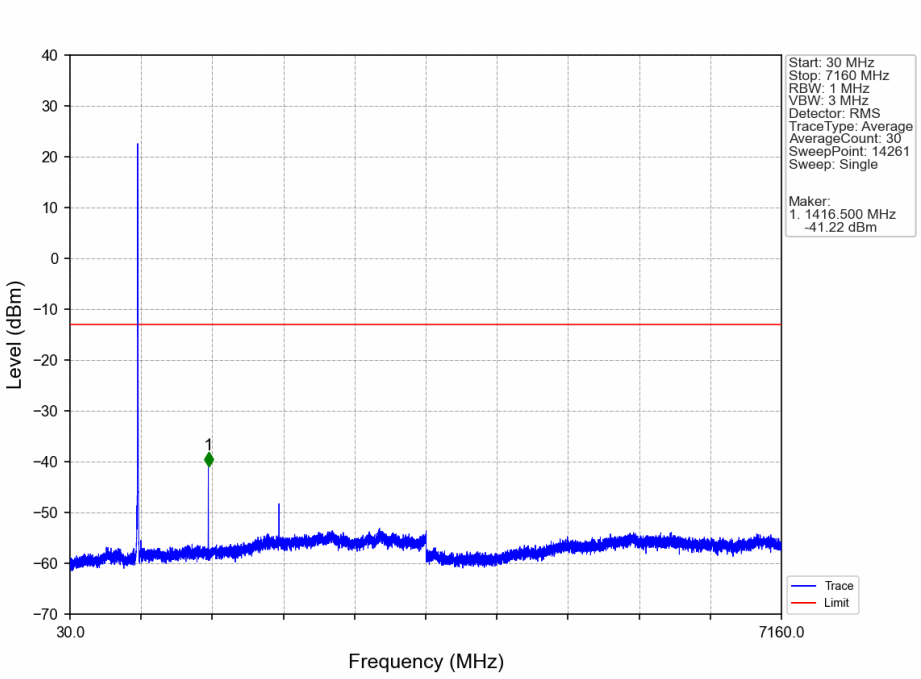


Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV

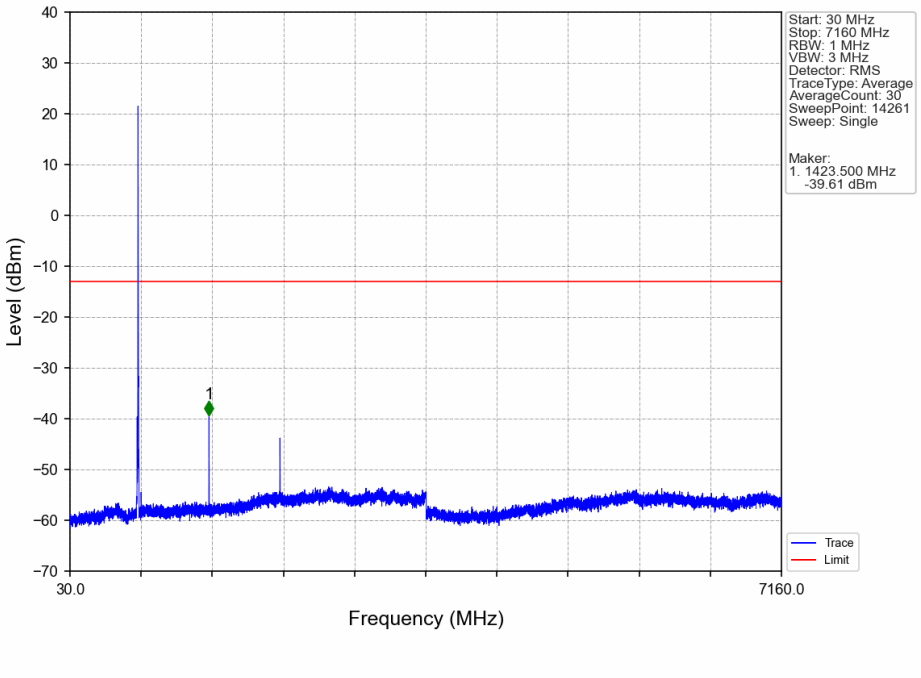


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	702.920	-40.63	-13	Pass
703.9	704	0.03	/	2	703.960	-36.97	-13	Pass
704	709	0.03	/	/	/	/	/	/

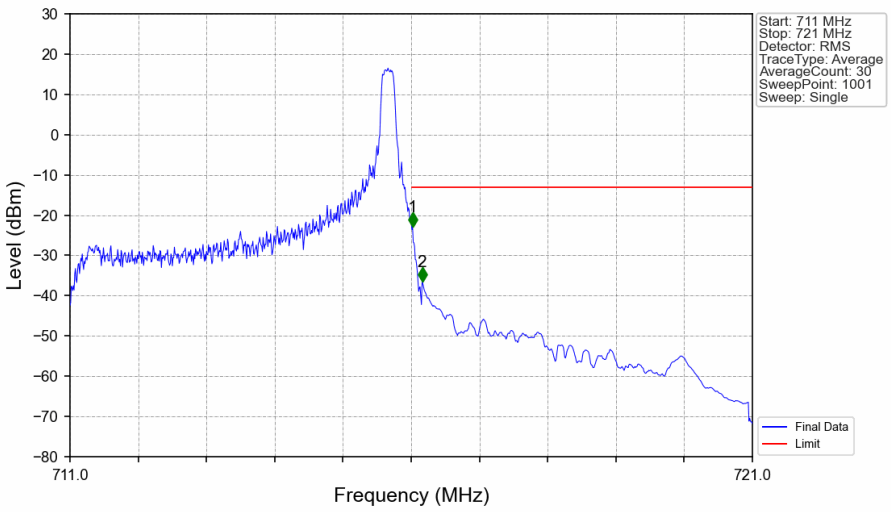
Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV

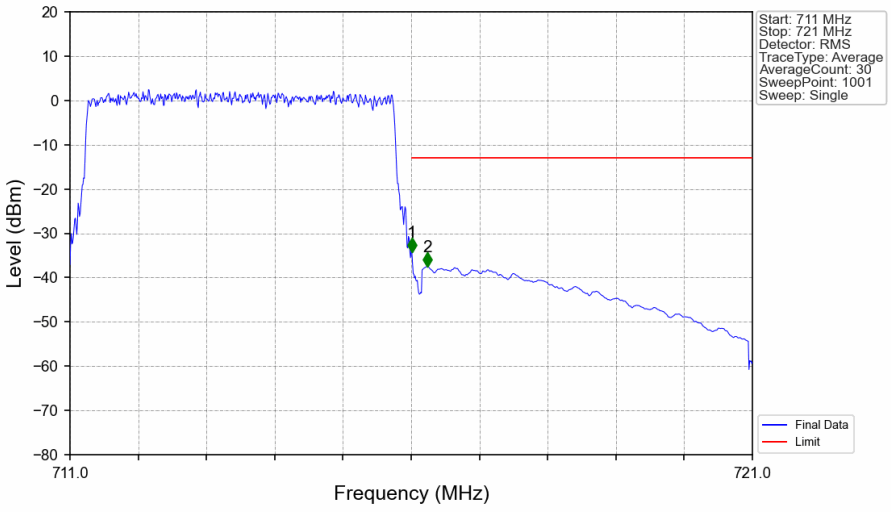


Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_24_NTNV



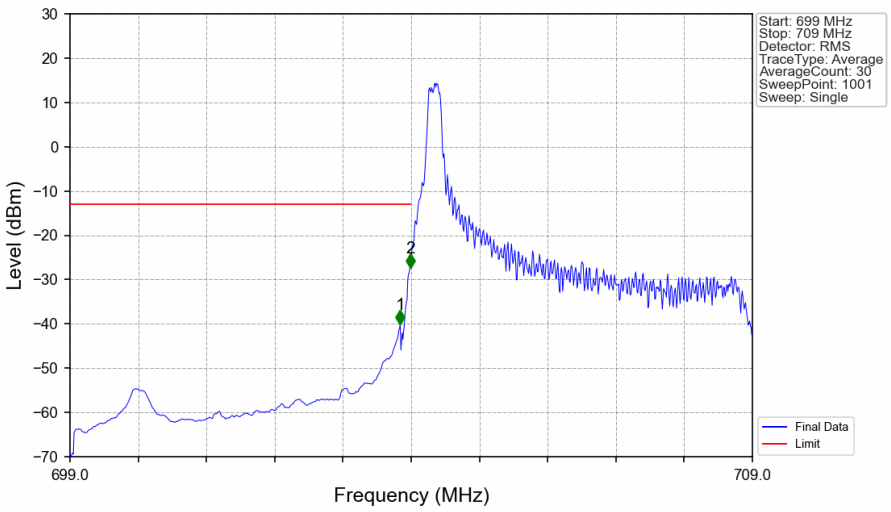
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.020	-22.78	-13	Pass
716.1	721	0.1	CHP	2	716.160	-36.43	-13	Pass

Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



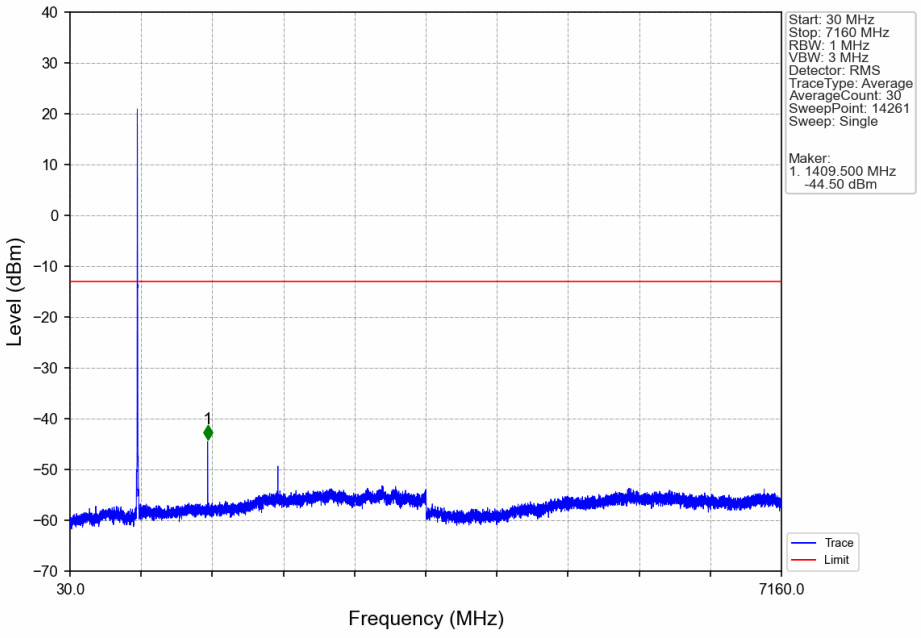
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-34.23	-13	Pass
716.1	721	0.1	CHP	2	716.240	-37.42	-13	Pass

Band17_5MHz_64QAM_LCH_706.5MHz_RB_1_0_NTNV

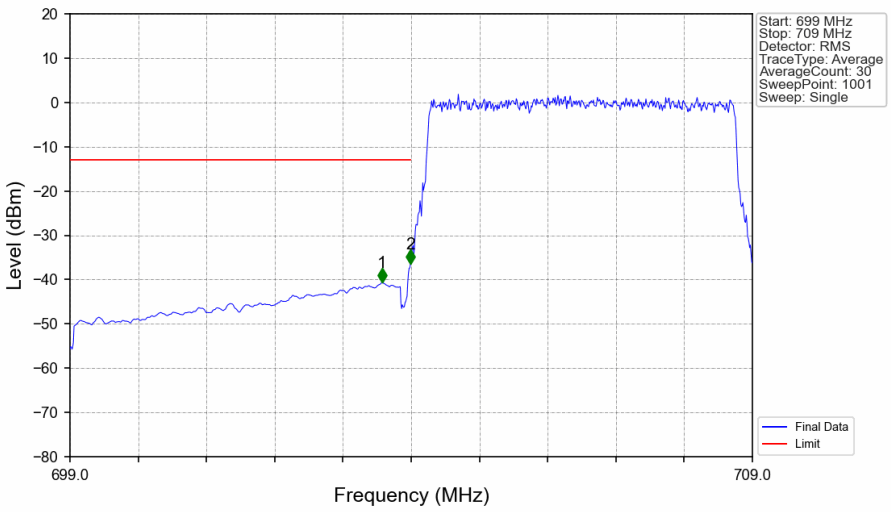


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-40.12	-13	Pass
703.9	704	0.03	/	2	703.990	-27.29	-13	Pass
704	709	0.03	/	/	/	/	/	/

Band17_5MHz_64QAM_LCH_706.5MHz_RB_1_0_NTNV

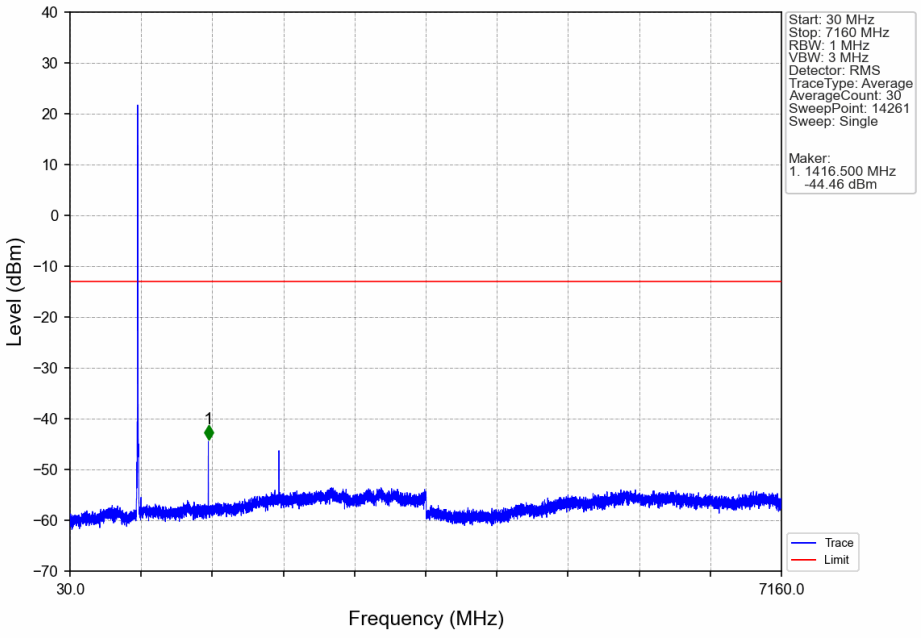


Band17_5MHz_64QAM_LCH_706.5MHz_RB_25_0_NTNV

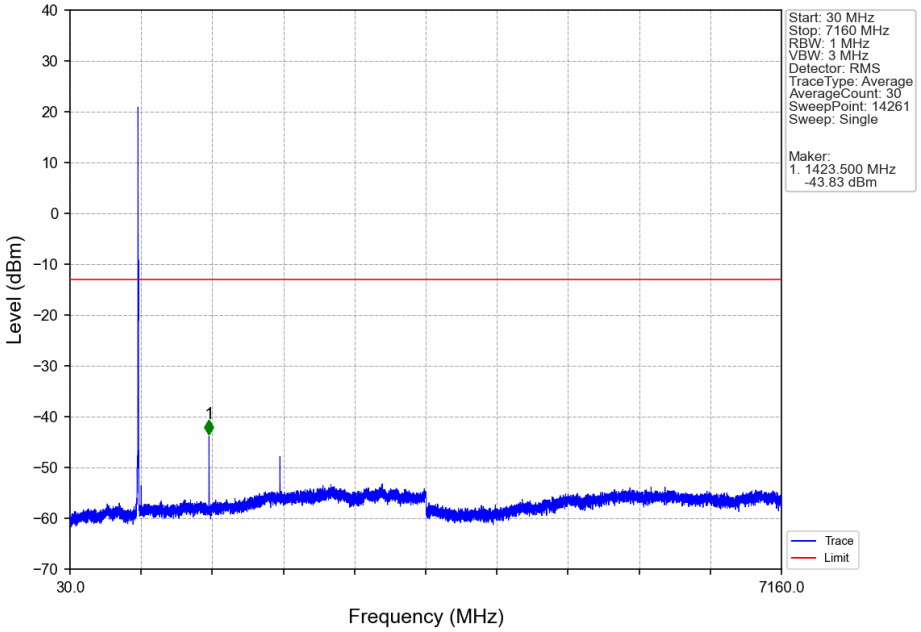


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.570	-40.58	-13	Pass
703.9	704	0.03	/	2	703.990	-36.33	-13	Pass
704	709	0.03	/	/	/	/	/	/

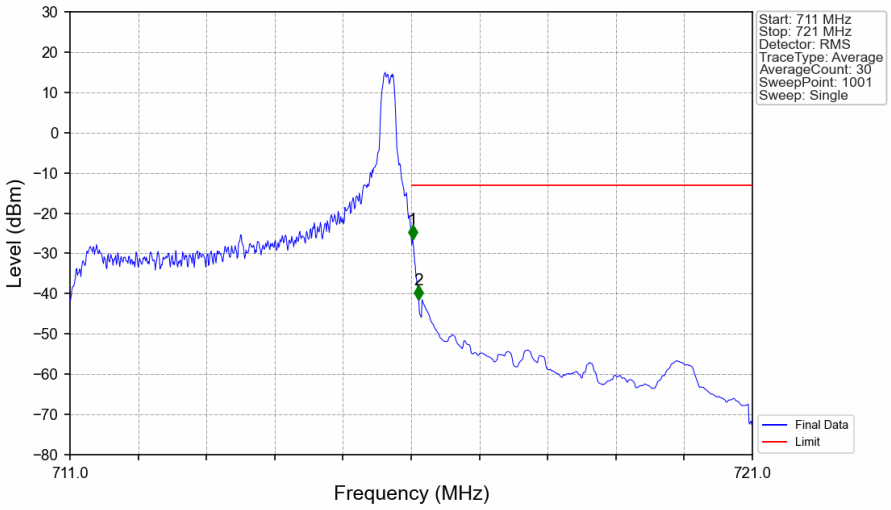
Band17_5MHz_64QAM_MCH_710MHz_RB_1_0_NTNV



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	716.020	-26.42	-13	Pass
716.1	721	0.1	CHP	2	716.110	-41.43	-13	Pass