1. Effective (Isotropic) Radiated Power Output Data

1.1 B4_1.4MHz_EIRP

1.1.1 Test Result

Band: 4 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	22.48	-0.4	22.08	<=30	Pass
			2	22.58	-0.4	22.18	<=30	Pass
			5	22.57	-0.4	22.17	<=30	Pass
		3	0	22.56	-0.4	22.16	<=30	Pass
			2	22.59	-0.4	22.19	<=30	Pass
			3	22.61	-0.4	22.21	<=30	Pass
		6	0	21.55	-0.4	21.15	<=30	Pass
	1732.5	1	0	22.64	-0.4	22.24	<=30	Pass
			2	22.79	-0.4	22.39	<=30	Pass
			5	22.86	-0.4	22.46	<=30	Pass
		3	0	22.66	-0.4	22.26	<=30	Pass
			2	22.76	-0.4	22.36	<=30	Pass
			3	22.71	-0.4	22.31	<=30	Pass
		6	0	21.77	-0.4	21.37	<=30	Pass
	1754.3	1	0	22.96	-0.4	22.56	<=30	Pass
			2	22.85	-0.4	22.45	<=30	Pass
			5	22.87	-0.4	22.47	<=30	Pass
		3	0	22.81	-0.4	22.41	<=30	Pass
			2	22.77	-0.4	22.37	<=30	Pass
			3	22.72	-0.4	22.32	<=30	Pass
		6	0	21.79	-0.4	21.39	<=30	Pass
16QAM	1710.7	1	0	21.6	-0.4	21.2	<=30	Pass
			2	21.57	-0.4	21.17	<=30	Pass
			5	21.59	-0.4	21.19	<=30	Pass
		3	0	21.41	-0.4	21.01	<=30	Pass
			2	21.44	-0.4	21.04	<=30	Pass
			3	21.45	-0.4	21.05	<=30	Pass
		6	0	20.54	-0.4	20.14	<=30	Pass
	1732.5	1	0	21.92	-0.4	21.52	<=30	Pass
			2	21.88	-0.4	21.48	<=30	Pass
			5	21.98	-0.4	21.58	<=30	Pass
		3	0	21.9	-0.4	21.5	<=30	Pass
			2	21.85	-0.4	21.45	<=30	Pass
			3	21.84	-0.4	21.44	<=30	Pass
		6	0	20.87	-0.4	20.47	<=30	Pass
	1754.3	1	0	21.44	-0.4	21.04	<=30	Pass
			2	21.52	-0.4	21.12	<=30	Pass
			5	21.48	-0.4	21.08	<=30	Pass
		3	0	21.5	-0.4	21.1	<=30	Pass
			2	21.54	-0.4	21.14	<=30	Pass
			3	21.49	-0.4	21.09	<=30	Pass
		6	0	20.92	-0.4	20.52	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.2 B4_3MHz_EIRP

1.2.1 Test Result

Band: 4 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1711.5	1	0	22.62	-0.4	22.22	<=30	Pass
			7	22.67	-0.4	22.27	<=30	Pass
			14	22.66	-0.4	22.26	<=30	Pass
		8	0	21.58	-0.4	21.18	<=30	Pass
			4	21.56	-0.4	21.16	<=30	Pass
			7	21.58	-0.4	21.18	<=30	Pass
		15	0	21.52	-0.4	21.12	<=30	Pass
	1732.5	1	0	22.59	-0.4	22.19	<=30	Pass
			7	22.68	-0.4	22.28	<=30	Pass
			14	22.61	-0.4	22.21	<=30	Pass
		8	0	21.72	-0.4	21.32	<=30	Pass
			4	21.66	-0.4	21.26	<=30	Pass
			7	21.67	-0.4	21.27	<=30	Pass
		15	0	21.58	-0.4	21.18	<=30	Pass
	1753.5	1	0	22.65	-0.4	22.25	<=30	Pass
			7	22.67	-0.4	22.27	<=30	Pass
			14	22.63	-0.4	22.23	<=30	Pass
		8	0	21.73	-0.4	21.33	<=30	Pass
			4	21.76	-0.4	21.36	<=30	Pass
			7	21.83	-0.4	21.43	<=30	Pass
		15	0	21.74	-0.4	21.34	<=30	Pass
16QAM	1711.5	1	0	21.76	-0.4	21.36	<=30	Pass
			7	21.74	-0.4	21.34	<=30	Pass
			14	21.75	-0.4	21.35	<=30	Pass
		8	0	20.59	-0.4	20.19	<=30	Pass
			4	20.66	-0.4	20.26	<=30	Pass
			7	20.67	-0.4	20.27	<=30	Pass
		15	0	20.61	-0.4	20.21	<=30	Pass
	1732.5	1	0	21.49	-0.4	21.09	<=30	Pass
			7	21.43	-0.4	21.03	<=30	Pass
			14	21.43	-0.4	21.03	<=30	Pass
		8	0	21.07	-0.4	20.67	<=30	Pass
			4	20.88	-0.4	20.48	<=30	Pass
			7	20.91	-0.4	20.51	<=30	Pass
		15	0	20.82	-0.4	20.42	<=30	Pass
	1753.5	1	0	21.84	-0.4	21.44	<=30	Pass
			7	21.85	-0.4	21.45	<=30	Pass
			14	21.88	-0.4	21.48	<=30	Pass
		8	0	20.94	-0.4	20.54	<=30	Pass
			4	20.96	-0.4	20.56	<=30	Pass
			7	20.94	-0.4	20.54	<=30	Pass
		15	0	20.76	-0.4	20.36	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.3 B4_5MHz_EIRP

1.3.1 Test Result

Band: 4 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	22.52	-0.4	22.12	<=30	Pass
			13	22.55	-0.4	22.15	<=30	Pass
			24	22.55	-0.4	22.15	<=30	Pass
		12	0	21.55	-0.4	21.15	<=30	Pass
			6	21.61	-0.4	21.21	<=30	Pass
			13	21.51	-0.4	21.11	<=30	Pass
		25	0	21.54	-0.4	21.14	<=30	Pass
	1732.5	1	0	22.64	-0.4	22.24	<=30	Pass
			13	22.71	-0.4	22.31	<=30	Pass
			24	22.61	-0.4	22.21	<=30	Pass
		12	0	21.75	-0.4	21.35	<=30	Pass
			6	21.67	-0.4	21.27	<=30	Pass
			13	21.76	-0.4	21.36	<=30	Pass
		25	0	21.63	-0.4	21.23	<=30	Pass
	1752.5	1	0	22.45	-0.4	22.05	<=30	Pass
			13	22.55	-0.4	22.15	<=30	Pass
			24	22.59	-0.4	22.19	<=30	Pass
		12	0	21.72	-0.4	21.32	<=30	Pass
			6	21.61	-0.4	21.21	<=30	Pass
			13	21.78	-0.4	21.38	<=30	Pass
		25	0	21.71	-0.4	21.31	<=30	Pass
16QAM	1712.5	1	0	20.6	-0.4	20.2	<=30	Pass
			13	20.65	-0.4	20.25	<=30	Pass
			24	20.63	-0.4	20.23	<=30	Pass
		12	0	20.57	-0.4	20.17	<=30	Pass
			6	20.61	-0.4	20.21	<=30	Pass
			13	20.59	-0.4	20.19	<=30	Pass
		25	0	20.65	-0.4	20.25	<=30	Pass
	1732.5	1	0	21.85	-0.4	21.45	<=30	Pass
			13	21.75	-0.4	21.35	<=30	Pass
			24	21.7	-0.4	21.3	<=30	Pass
		12	0	20.91	-0.4	20.51	<=30	Pass
			6	20.76	-0.4	20.36	<=30	Pass
			13	20.77	-0.4	20.37	<=30	Pass
		25	0	20.72	-0.4	20.32	<=30	Pass
	1752.5	1	0	21.73	-0.4	21.33	<=30	Pass
			13	21.75	-0.4	21.35	<=30	Pass
			24	21.8	-0.4	21.4	<=30	Pass
		12	0	20.86	-0.4	20.46	<=30	Pass
			6	20.72	-0.4	20.32	<=30	Pass
			13	20.72	-0.4	20.32	<=30	Pass
		25	0	20.8	-0.4	20.4	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.4 B4_10MHz_EIRP

1.4.1 Test Result

Band: 4 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	22.51	-0.4	22.11	<=30	Pass
			25	22.52	-0.4	22.12	<=30	Pass
			49	22.55	-0.4	22.15	<=30	Pass
		25	0	21.58	-0.4	21.18	<=30	Pass
			13	21.62	-0.4	21.22	<=30	Pass
			25	21.66	-0.4	21.26	<=30	Pass
		50	0	21.63	-0.4	21.23	<=30	Pass
	1732.5	1	0	22.86	-0.4	22.46	<=30	Pass
			25	22.82	-0.4	22.42	<=30	Pass
			49	22.77	-0.4	22.37	<=30	Pass
		25	0	21.63	-0.4	21.23	<=30	Pass
			13	21.77	-0.4	21.37	<=30	Pass
			25	21.68	-0.4	21.28	<=30	Pass
		50	0	21.77	-0.4	21.37	<=30	Pass
	1750	1	0	22.76	-0.4	22.36	<=30	Pass
			25	22.82	-0.4	22.42	<=30	Pass
			49	22.82	-0.4	22.42	<=30	Pass
		25	0	21.66	-0.4	21.26	<=30	Pass
			13	21.65	-0.4	21.25	<=30	Pass
			25	21.69	-0.4	21.29	<=30	Pass
		50	0	21.69	-0.4	21.29	<=30	Pass
16QAM	1715	1	0	21.68	-0.4	21.28	<=30	Pass
			25	21.74	-0.4	21.34	<=30	Pass
			49	21.78	-0.4	21.38	<=30	Pass
		25	0	20.58	-0.4	20.18	<=30	Pass
			13	20.64	-0.4	20.24	<=30	Pass
			25	20.77	-0.4	20.37	<=30	Pass
		50	0	20.66	-0.4	20.26	<=30	Pass
	1732.5	1	0	21.95	-0.4	21.55	<=30	Pass
			25	21.88	-0.4	21.48	<=30	Pass
			49	21.83	-0.4	21.43	<=30	Pass
		25	0	21.01	-0.4	20.61	<=30	Pass
			13	20.89	-0.4	20.49	<=30	Pass
			25	20.86	-0.4	20.46	<=30	Pass
		50	0	20.82	-0.4	20.42	<=30	Pass
	1750	1	0	21.29	-0.4	20.89	<=30	Pass
			25	21.27	-0.4	20.87	<=30	Pass
			49	21.34	-0.4	20.94	<=30	Pass
		25	0	20.81	-0.4	20.41	<=30	Pass
			13	20.81	-0.4	20.41	<=30	Pass
			25	20.82	-0.4	20.42	<=30	Pass
		50	0	20.71	-0.4	20.31	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.5 B4_15MHz_EIRP

1.5.1 Test Result

Band: 4 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	22.52	-0.4	22.12	<=30	Pass
			38	22.52	-0.4	22.12	<=30	Pass
			74	22.54	-0.4	22.14	<=30	Pass
		36	0	21.54	-0.4	21.14	<=30	Pass
			18	21.68	-0.4	21.28	<=30	Pass
			39	21.74	-0.4	21.34	<=30	Pass
		75	0	21.63	-0.4	21.23	<=30	Pass
	1732.5	1	0	22.82	-0.4	22.42	<=30	Pass
			38	22.81	-0.4	22.41	<=30	Pass
			74	22.75	-0.4	22.35	<=30	Pass
		36	0	21.74	-0.4	21.34	<=30	Pass
			18	21.77	-0.4	21.37	<=30	Pass
			39	21.74	-0.4	21.34	<=30	Pass
		75	0	21.78	-0.4	21.38	<=30	Pass
	1747.5	1	0	22.7	-0.4	22.3	<=30	Pass
			38	22.73	-0.4	22.33	<=30	Pass
			74	22.78	-0.4	22.38	<=30	Pass
		36	0	21.61	-0.4	21.21	<=30	Pass
			18	21.59	-0.4	21.19	<=30	Pass
			39	21.76	-0.4	21.36	<=30	Pass
		75	0	21.73	-0.4	21.33	<=30	Pass
16QAM	1717.5	1	0	21.75	-0.4	21.35	<=30	Pass
			38	21.84	-0.4	21.44	<=30	Pass
			74	21.92	-0.4	21.52	<=30	Pass
		36	0	20.72	-0.4	20.32	<=30	Pass
			18	20.84	-0.4	20.44	<=30	Pass
			39	20.89	-0.4	20.49	<=30	Pass
		75	0	20.8	-0.4	20.4	<=30	Pass
	1732.5	1	0	21.89	-0.4	21.49	<=30	Pass
			38	21.88	-0.4	21.48	<=30	Pass
			74	21.85	-0.4	21.45	<=30	Pass
		36	0	20.88	-0.4	20.48	<=30	Pass
			18	20.87	-0.4	20.47	<=30	Pass
			39	20.74	-0.4	20.34	<=30	Pass
		75	0	20.73	-0.4	20.33	<=30	Pass
	1747.5	1	0	22.02	-0.4	21.62	<=30	Pass
			38	22.02	-0.4	21.62	<=30	Pass
			74	22.08	-0.4	21.68	<=30	Pass
		36	0	20.69	-0.4	20.29	<=30	Pass
			18	20.72	-0.4	20.32	<=30	Pass
			39	20.91	-0.4	20.51	<=30	Pass
		75	0	20.75	-0.4	20.35	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.6 B4_20MHz_EIRP

1.6.1 Test Result

Band: 4 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	22.64	-0.4	22.24	<=30	Pass
			50	22.75	-0.4	22.35	<=30	Pass
			99	22.76	-0.4	22.36	<=30	Pass
		50	0	21.62	-0.4	21.22	<=30	Pass
			25	21.52	-0.4	21.12	<=30	Pass
			50	21.67	-0.4	21.27	<=30	Pass
		100	0	21.65	-0.4	21.25	<=30	Pass
	1732.5	1	0	22.68	-0.4	22.28	<=30	Pass
			50	22.68	-0.4	22.28	<=30	Pass
			99	22.56	-0.4	22.16	<=30	Pass
		50	0	21.78	-0.4	21.38	<=30	Pass
			25	21.6	-0.4	21.2	<=30	Pass
			50	21.73	-0.4	21.33	<=30	Pass
		100	0	21.59	-0.4	21.19	<=30	Pass
	1745	1	0	22.78	-0.4	22.38	<=30	Pass
			50	22.73	-0.4	22.33	<=30	Pass
			99	22.82	-0.4	22.42	<=30	Pass
		50	0	21.62	-0.4	21.22	<=30	Pass
			25	21.7	-0.4	21.3	<=30	Pass
			50	21.68	-0.4	21.28	<=30	Pass
		100	0	21.71	-0.4	21.31	<=30	Pass
16QAM	1720	1	0	21.55	-0.4	21.15	<=30	Pass
			50	21.55	-0.4	21.15	<=30	Pass
			99	21.72	-0.4	21.32	<=30	Pass
		50	0	20.72	-0.4	20.32	<=30	Pass
			25	20.67	-0.4	20.27	<=30	Pass
			50	20.94	-0.4	20.54	<=30	Pass
		100	0	20.69	-0.4	20.29	<=30	Pass
	1732.5	1	0	22.03	-0.4	21.63	<=30	Pass
			50	22.05	-0.4	21.65	<=30	Pass
			99	21.91	-0.4	21.51	<=30	Pass
		50	0	20.89	-0.4	20.49	<=30	Pass
			25	20.91	-0.4	20.51	<=30	Pass
			50	20.76	-0.4	20.36	<=30	Pass
		100	0	20.74	-0.4	20.34	<=30	Pass
	1745	1	0	22.31	-0.4	21.91	<=30	Pass
			50	22.18	-0.4	21.78	<=30	Pass
			99	22.22	-0.4	21.82	<=30	Pass
		50	0	20.65	-0.4	20.25	<=30	Pass
			25	20.68	-0.4	20.28	<=30	Pass
			50	20.65	-0.4	20.25	<=30	Pass
		100	0	20.77	-0.4	20.37	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 B4_1.4MHz

2.1.1 Test Result

Band: 4 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1710.7	6	0	20	12	15.345	0.0090	-2.5 to 2.5	Pass
					24	29.281	0.0171	-2.5 to 2.5	Pass
					48	30.502	0.0178	-2.5 to 2.5	Pass
				-30	24	18.749	0.0110	-2.5 to 2.5	Pass
				-20	24	34.173	0.0200	-2.5 to 2.5	Pass
				-10	24	7.182	0.0042	-2.5 to 2.5	Pass
				0	24	4.091	0.0024	-2.5 to 2.5	Pass
				10	24	11.572	0.0068	-2.5 to 2.5	Pass
				30	24	14.362	0.0084	-2.5 to 2.5	Pass
				40	24	22.590	0.0132	-2.5 to 2.5	Pass
				50	24	22.624	0.0132	-2.5 to 2.5	Pass
	1732.5	6	0	20	12	-13.073	-0.0075	-2.5 to 2.5	Pass
					24	9.173	0.0053	-2.5 to 2.5	Pass
					48	4.935	0.0028	-2.5 to 2.5	Pass
				-30	24	29.044	0.0168	-2.5 to 2.5	Pass
				-20	24	2.410	0.0014	-2.5 to 2.5	Pass
				-10	24	20.742	0.0120	-2.5 to 2.5	Pass
				0	24	34.089	0.0197	-2.5 to 2.5	Pass
				10	24	10.553	0.0061	-2.5 to 2.5	Pass
				30	24	25.752	0.0149	-2.5 to 2.5	Pass
				40	24	38.006	0.0219	-2.5 to 2.5	Pass
				50	24	12.122	0.0070	-2.5 to 2.5	Pass
	1754.3	6	0	20	12	3.350	0.0019	-2.5 to 2.5	Pass
					24	-4.567	-0.0026	-2.5 to 2.5	Pass
					48	-7.260	-0.0041	-2.5 to 2.5	Pass
				-30	24	-6.593	-0.0038	-2.5 to 2.5	Pass
				-20	24	-8.980	-0.0051	-2.5 to 2.5	Pass
				-10	24	-6.515	-0.0037	-2.5 to 2.5	Pass
				0	24	-8.335	-0.0048	-2.5 to 2.5	Pass
				10	24	-7.090	-0.0040	-2.5 to 2.5	Pass
				30	24	-12.371	-0.0071	-2.5 to 2.5	Pass
				40	24	-6.223	-0.0035	-2.5 to 2.5	Pass
				50	24	-9.176	-0.0052	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	12	26.288	0.0154	-2.5 to 2.5	Pass
					24	19.275	0.0113	-2.5 to 2.5	Pass
					48	10.471	0.0061	-2.5 to 2.5	Pass
				-30	24	1.035	0.0006	-2.5 to 2.5	Pass
				-20	24	-2.624	-0.0015	-2.5 to 2.5	Pass
				-10	24	-11.349	-0.0066	-2.5 to 2.5	Pass
				0	24	-13.436	-0.0079	-2.5 to 2.5	Pass
				10	24	-16.187	-0.0095	-2.5 to 2.5	Pass
				30	24	-20.332	-0.0119	-2.5 to 2.5	Pass
				40	24	-25.063	-0.0147	-2.5 to 2.5	Pass
				50	24	-27.281	-0.0159	-2.5 to 2.5	Pass

	1732.5	6	0	20	12	22.274	0.0129	-2.5 to 2.5	Pass
					24	23.047	0.0133	-2.5 to 2.5	Pass
					48	17.964	0.0104	-2.5 to 2.5	Pass
				-30	24	18.025	0.0104	-2.5 to 2.5	Pass
				-20	24	18.864	0.0109	-2.5 to 2.5	Pass
				-10	24	22.673	0.0131	-2.5 to 2.5	Pass
				0	24	21.945	0.0127	-2.5 to 2.5	Pass
				10	24	24.850	0.0143	-2.5 to 2.5	Pass
				30	24	25.931	0.0150	-2.5 to 2.5	Pass
				40	24	28.698	0.0166	-2.5 to 2.5	Pass
				50	24	28.963	0.0167	-2.5 to 2.5	Pass
	1754.3	6	0	20	12	-11.098	-0.0063	-2.5 to 2.5	Pass
					24	-20.806	-0.0119	-2.5 to 2.5	Pass
					48	-26.408	-0.0151	-2.5 to 2.5	Pass
				-30	24	3.420	0.0019	-2.5 to 2.5	Pass
				-20	24	-3.784	-0.0022	-2.5 to 2.5	Pass
				-10	24	-9.701	-0.0055	-2.5 to 2.5	Pass
				0	24	-14.259	-0.0081	-2.5 to 2.5	Pass
				10	24	-24.775	-0.0141	-2.5 to 2.5	Pass
				30	24	-24.275	-0.0138	-2.5 to 2.5	Pass
				40	24	-26.466	-0.0151	-2.5 to 2.5	Pass
				50	24	-32.095	-0.0183	-2.5 to 2.5	Pass

2.2 B4_3MHz

2.2.1 Test Result

Band: 4 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1711.5	15	0	20	12	-24.267	-0.0142	-2.5 to 2.5	Pass
					24	-28.567	-0.0167	-2.5 to 2.5	Pass
					48	-21.051	-0.0123	-2.5 to 2.5	Pass
				-30	24	-12.337	-0.0072	-2.5 to 2.5	Pass
				-20	24	-9.788	-0.0057	-2.5 to 2.5	Pass
				-10	24	-10.651	-0.0062	-2.5 to 2.5	Pass
				0	24	-8.001	-0.0047	-2.5 to 2.5	Pass
				10	24	-8.726	-0.0051	-2.5 to 2.5	Pass
				30	24	-8.242	-0.0048	-2.5 to 2.5	Pass
				40	24	-11.138	-0.0065	-2.5 to 2.5	Pass
				50	24	-7.675	-0.0045	-2.5 to 2.5	Pass
	1732.5	15	0	20	12	-4.057	-0.0023	-2.5 to 2.5	Pass
					24	21.886	0.0126	-2.5 to 2.5	Pass
					48	15.337	0.0089	-2.5 to 2.5	Pass
				-30	24	-1.922	-0.0011	-2.5 to 2.5	Pass
				-20	24	22.376	0.0129	-2.5 to 2.5	Pass
				-10	24	38.339	0.0221	-2.5 to 2.5	Pass
				0	24	3.576	0.0021	-2.5 to 2.5	Pass
				10	24	13.788	0.0080	-2.5 to 2.5	Pass
				30	24	28.345	0.0164	-2.5 to 2.5	Pass
				40	24	36.800	0.0212	-2.5 to 2.5	Pass
				50	24	14.767	0.0085	-2.5 to 2.5	Pass
	1753.5	15	0	20	12	5.005	0.0029	-2.5 to 2.5	Pass
					24	1.932	0.0011	-2.5 to 2.5	Pass
					48	-1.901	-0.0011	-2.5 to 2.5	Pass
				-30	24	3.003	0.0017	-2.5 to 2.5	Pass
				-20	24	4.709	0.0027	-2.5 to 2.5	Pass
				-10	24	-0.023	0.0000	-2.5 to 2.5	Pass
				0	24	2.938	0.0017	-2.5 to 2.5	Pass
				10	24	3.758	0.0021	-2.5 to 2.5	Pass
				30	24	5.577	0.0032	-2.5 to 2.5	Pass
				40	24	5.726	0.0033	-2.5 to 2.5	Pass
				50	24	4.136	0.0024	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	12	-9.411	-0.0055	-2.5 to 2.5	Pass
					24	-25.452	-0.0149	-2.5 to 2.5	Pass
					48	-37.447	-0.0219	-2.5 to 2.5	Pass
				-30	24	-39.980	-0.0234	-2.5 to 2.5	Pass
				-20	24	-7.720	-0.0045	-2.5 to 2.5	Pass
				-10	24	-16.075	-0.0094	-2.5 to 2.5	Pass
				0	24	-24.977	-0.0146	-2.5 to 2.5	Pass
				10	24	-21.542	-0.0126	-2.5 to 2.5	Pass
				30	24	-30.752	-0.0180	-2.5 to 2.5	Pass
				40	24	-33.383	-0.0195	-2.5 to 2.5	Pass
				50	24	-35.968	-0.0210	-2.5 to 2.5	Pass
	1732.5	15	0	20	12	25.123	0.0145	-2.5 to 2.5	Pass
					24	24.340	0.0140	-2.5 to 2.5	Pass
					48	21.853	0.0126	-2.5 to 2.5	Pass

				-30	24	17.990	0.0104	-2.5 to 2.5	Pass
				-20	24	17.385	0.0100	-2.5 to 2.5	Pass
				-10	24	18.799	0.0109	-2.5 to 2.5	Pass
				0	24	17.575	0.0101	-2.5 to 2.5	Pass
				10	24	21.609	0.0125	-2.5 to 2.5	Pass
				30	24	18.779	0.0108	-2.5 to 2.5	Pass
				40	24	19.502	0.0113	-2.5 to 2.5	Pass
				50	24	21.578	0.0125	-2.5 to 2.5	Pass
	1753.5	15	0	20	12	5.498	0.0031	-2.5 to 2.5	Pass
					24	-9.200	-0.0052	-2.5 to 2.5	Pass
					48	-22.076	-0.0126	-2.5 to 2.5	Pass
				-30	24	-30.049	-0.0171	-2.5 to 2.5	Pass
				-20	24	-35.101	-0.0200	-2.5 to 2.5	Pass
				-10	24	-3.675	-0.0021	-2.5 to 2.5	Pass
				0	24	-11.638	-0.0066	-2.5 to 2.5	Pass
				10	24	-17.361	-0.0099	-2.5 to 2.5	Pass
				30	24	-22.688	-0.0129	-2.5 to 2.5	Pass
				40	24	-25.355	-0.0145	-2.5 to 2.5	Pass
				50	24	4.996	0.0028	-2.5 to 2.5	Pass

2.3 B4_5MHz

2.3.1 Test Result

Band: 4 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1712.5	25	0	20	12	-28.704	-0.0168	-2.5 to 2.5	Pass
					24	5.921	0.0035	-2.5 to 2.5	Pass
					48	14.191	0.0083	-2.5 to 2.5	Pass
				-30	24	22.779	0.0133	-2.5 to 2.5	Pass
				-20	24	27.031	0.0158	-2.5 to 2.5	Pass
				-10	24	33.018	0.0193	-2.5 to 2.5	Pass
				0	24	-14.040	-0.0082	-2.5 to 2.5	Pass
				10	24	-8.406	-0.0049	-2.5 to 2.5	Pass
				30	24	-10.076	-0.0059	-2.5 to 2.5	Pass
				40	24	-8.649	-0.0051	-2.5 to 2.5	Pass
				50	24	-5.301	-0.0031	-2.5 to 2.5	Pass
	1732.5	25	0	20	12	-2.273	-0.0013	-2.5 to 2.5	Pass
					24	-3.200	-0.0018	-2.5 to 2.5	Pass
					48	16.868	0.0097	-2.5 to 2.5	Pass
				-30	24	-0.959	-0.0006	-2.5 to 2.5	Pass
				-20	24	15.320	0.0088	-2.5 to 2.5	Pass
				-10	24	30.444	0.0176	-2.5 to 2.5	Pass
				0	24	-6.561	-0.0038	-2.5 to 2.5	Pass
				10	24	8.329	0.0048	-2.5 to 2.5	Pass
				30	24	17.636	0.0102	-2.5 to 2.5	Pass
				40	24	26.975	0.0156	-2.5 to 2.5	Pass
				50	24	37.843	0.0218	-2.5 to 2.5	Pass
	1752.5	25	0	20	12	11.325	0.0065	-2.5 to 2.5	Pass
					24	1.291	0.0007	-2.5 to 2.5	Pass
					48	0.022	0.0000	-2.5 to 2.5	Pass
				-30	24	1.616	0.0009	-2.5 to 2.5	Pass
				-20	24	0.634	0.0004	-2.5 to 2.5	Pass
				-10	24	0.773	0.0004	-2.5 to 2.5	Pass
				0	24	0.782	0.0004	-2.5 to 2.5	Pass
				10	24	0.888	0.0005	-2.5 to 2.5	Pass
				30	24	0.596	0.0003	-2.5 to 2.5	Pass
				40	24	-0.589	-0.0003	-2.5 to 2.5	Pass
				50	24	0.440	0.0003	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	12	-5.791	-0.0034	-2.5 to 2.5	Pass
					24	-8.946	-0.0052	-2.5 to 2.5	Pass
					48	-14.661	-0.0086	-2.5 to 2.5	Pass
				-30	24	-22.292	-0.0130	-2.5 to 2.5	Pass
				-20	24	-26.322	-0.0154	-2.5 to 2.5	Pass
				-10	24	-30.539	-0.0178	-2.5 to 2.5	Pass
				0	24	-35.067	-0.0205	-2.5 to 2.5	Pass
				10	24	-37.612	-0.0220	-2.5 to 2.5	Pass
				30	24	-41.261	-0.0241	-2.5 to 2.5	Pass
				40	24	-43.492	-0.0254	-2.5 to 2.5	Pass
				50	24	4.665	0.0027	-2.5 to 2.5	Pass
	1732.5	25	0	20	12	9.946	0.0057	-2.5 to 2.5	Pass
					24	13.604	0.0079	-2.5 to 2.5	Pass
					48	10.533	0.0061	-2.5 to 2.5	Pass

				-30	24	11.520	0.0066	-2.5 to 2.5	Pass
				-20	24	9.258	0.0053	-2.5 to 2.5	Pass
				-10	24	9.270	0.0054	-2.5 to 2.5	Pass
				0	24	8.792	0.0051	-2.5 to 2.5	Pass
				10	24	7.559	0.0044	-2.5 to 2.5	Pass
				30	24	9.874	0.0057	-2.5 to 2.5	Pass
				40	24	11.660	0.0067	-2.5 to 2.5	Pass
				50	24	9.029	0.0052	-2.5 to 2.5	Pass
	1752.5	25	0	20	12	-0.843	-0.0005	-2.5 to 2.5	Pass
					24	-4.701	-0.0027	-2.5 to 2.5	Pass
					48	-11.944	-0.0068	-2.5 to 2.5	Pass
				-30	24	-21.543	-0.0123	-2.5 to 2.5	Pass
				-20	24	-27.042	-0.0154	-2.5 to 2.5	Pass
				-10	24	-30.728	-0.0175	-2.5 to 2.5	Pass
				0	24	-35.145	-0.0201	-2.5 to 2.5	Pass
				10	24	-2.320	-0.0013	-2.5 to 2.5	Pass
				30	24	-5.410	-0.0031	-2.5 to 2.5	Pass
				40	24	-9.297	-0.0053	-2.5 to 2.5	Pass
				50	24	-11.596	-0.0066	-2.5 to 2.5	Pass

2.4 B4_10MHz

2.4.1 Test Result

Band: 4 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1715	50	0	20	12	-20.965	-0.0122	-2.5 to 2.5	Pass
					24	-34.701	-0.0202	-2.5 to 2.5	Pass
					48	-20.319	-0.0118	-2.5 to 2.5	Pass
				-30	24	-6.263	-0.0037	-2.5 to 2.5	Pass
				-20	24	2.376	0.0014	-2.5 to 2.5	Pass
				-10	24	9.479	0.0055	-2.5 to 2.5	Pass
				0	24	14.114	0.0082	-2.5 to 2.5	Pass
				10	24	18.539	0.0108	-2.5 to 2.5	Pass
				30	24	20.982	0.0122	-2.5 to 2.5	Pass
				40	24	27.866	0.0162	-2.5 to 2.5	Pass
				50	24	31.084	0.0181	-2.5 to 2.5	Pass
	1732.5	50	0	20	12	-7.618	-0.0044	-2.5 to 2.5	Pass
					24	-13.281	-0.0077	-2.5 to 2.5	Pass
					48	7.966	0.0046	-2.5 to 2.5	Pass
				-30	24	24.690	0.0143	-2.5 to 2.5	Pass
				-20	24	3.046	0.0018	-2.5 to 2.5	Pass
				-10	24	12.514	0.0072	-2.5 to 2.5	Pass
				0	24	24.613	0.0142	-2.5 to 2.5	Pass
				10	24	37.003	0.0214	-2.5 to 2.5	Pass
				30	24	9.858	0.0057	-2.5 to 2.5	Pass
				40	24	17.817	0.0103	-2.5 to 2.5	Pass
				50	24	24.931	0.0144	-2.5 to 2.5	Pass
	1750	50	0	20	12	8.200	0.0047	-2.5 to 2.5	Pass
					24	-3.033	-0.0017	-2.5 to 2.5	Pass
					48	-8.205	-0.0047	-2.5 to 2.5	Pass
				-30	24	-12.987	-0.0074	-2.5 to 2.5	Pass
				-20	24	-8.498	-0.0049	-2.5 to 2.5	Pass
				-10	24	-13.202	-0.0075	-2.5 to 2.5	Pass

				0	24	-8.104	-0.0046	-2.5 to 2.5	Pass
				10	24	-8.717	-0.0050	-2.5 to 2.5	Pass
				30	24	-9.891	-0.0057	-2.5 to 2.5	Pass
				40	24	-11.331	-0.0065	-2.5 to 2.5	Pass
				50	24	-11.432	-0.0065	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	12	33.982	0.0198	-2.5 to 2.5	Pass
					24	-5.909	-0.0034	-2.5 to 2.5	Pass
					48	-13.189	-0.0077	-2.5 to 2.5	Pass
				-30	24	-19.295	-0.0113	-2.5 to 2.5	Pass
				-20	24	-21.355	-0.0125	-2.5 to 2.5	Pass
				-10	24	-24.478	-0.0143	-2.5 to 2.5	Pass
				0	24	-30.347	-0.0177	-2.5 to 2.5	Pass
				10	24	-30.653	-0.0179	-2.5 to 2.5	Pass
				30	24	-31.018	-0.0181	-2.5 to 2.5	Pass
				40	24	-33.813	-0.0197	-2.5 to 2.5	Pass
				50	24	-36.329	-0.0212	-2.5 to 2.5	Pass
	1732.5	50	0	20	12	33.178	0.0192	-2.5 to 2.5	Pass
					24	35.304	0.0204	-2.5 to 2.5	Pass
					48	30.531	0.0176	-2.5 to 2.5	Pass
				-30	24	27.285	0.0157	-2.5 to 2.5	Pass
				-20	24	24.867	0.0144	-2.5 to 2.5	Pass
				-10	24	25.213	0.0146	-2.5 to 2.5	Pass
				0	24	24.893	0.0144	-2.5 to 2.5	Pass
				10	24	24.402	0.0141	-2.5 to 2.5	Pass
				30	24	22.705	0.0131	-2.5 to 2.5	Pass
				40	24	25.059	0.0145	-2.5 to 2.5	Pass
				50	24	21.898	0.0126	-2.5 to 2.5	Pass
	1750	50	0	20	12	-12.414	-0.0071	-2.5 to 2.5	Pass
					24	-19.607	-0.0112	-2.5 to 2.5	Pass
					48	-28.258	-0.0161	-2.5 to 2.5	Pass
				-30	24	-38.053	-0.0217	-2.5 to 2.5	Pass
				-20	24	-4.480	-0.0026	-2.5 to 2.5	Pass
				-10	24	-10.944	-0.0063	-2.5 to 2.5	Pass
				0	24	-17.196	-0.0098	-2.5 to 2.5	Pass
				10	24	-25.845	-0.0148	-2.5 to 2.5	Pass
				30	24	-28.187	-0.0161	-2.5 to 2.5	Pass
				40	24	-35.080	-0.0200	-2.5 to 2.5	Pass
				50	24	-37.345	-0.0213	-2.5 to 2.5	Pass

2.5 B4_15MHz

2.5.1 Test Result

Band: 4 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1717.5	75	0	20	12	-14.738	-0.0086	-2.5 to 2.5	Pass
					24	-23.883	-0.0139	-2.5 to 2.5	Pass
					48	-4.413	-0.0026	-2.5 to 2.5	Pass
				-30	24	15.605	0.0091	-2.5 to 2.5	Pass
				-20	24	29.850	0.0174	-2.5 to 2.5	Pass
				-10	24	23.708	0.0138	-2.5 to 2.5	Pass
				0	24	12.327	0.0072	-2.5 to 2.5	Pass
				10	24	23.329	0.0136	-2.5 to 2.5	Pass
				30	24	30.075	0.0175	-2.5 to 2.5	Pass

				40	24	37.237	0.0217	-2.5 to 2.5	Pass
				50	24	41.251	0.0240	-2.5 to 2.5	Pass
	1732.5	75	0	20	12	2.232	0.0013	-2.5 to 2.5	Pass
					24	-0.285	-0.0002	-2.5 to 2.5	Pass
					48	10.041	0.0058	-2.5 to 2.5	Pass
				-30	24	19.194	0.0111	-2.5 to 2.5	Pass
				-20	24	30.436	0.0176	-2.5 to 2.5	Pass
				-10	24	3.298	0.0019	-2.5 to 2.5	Pass
				0	24	12.409	0.0072	-2.5 to 2.5	Pass
				10	24	22.212	0.0128	-2.5 to 2.5	Pass
				30	24	28.503	0.0165	-2.5 to 2.5	Pass
				40	24	34.322	0.0198	-2.5 to 2.5	Pass
				50	24	40.015	0.0231	-2.5 to 2.5	Pass
	1747.5	75	0	20	12	9.860	0.0056	-2.5 to 2.5	Pass
					24	-3.957	-0.0023	-2.5 to 2.5	Pass
					48	-7.833	-0.0045	-2.5 to 2.5	Pass
				-30	24	-10.634	-0.0061	-2.5 to 2.5	Pass
				-20	24	-11.680	-0.0067	-2.5 to 2.5	Pass
				-10	24	-14.184	-0.0081	-2.5 to 2.5	Pass
				0	24	-15.155	-0.0087	-2.5 to 2.5	Pass
				10	24	-20.528	-0.0117	-2.5 to 2.5	Pass
				30	24	-20.836	-0.0119	-2.5 to 2.5	Pass
				40	24	-23.703	-0.0136	-2.5 to 2.5	Pass
				50	24	-25.333	-0.0145	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	12	8.232	0.0048	-2.5 to 2.5	Pass
					24	11.042	0.0064	-2.5 to 2.5	Pass
					48	9.441	0.0055	-2.5 to 2.5	Pass
				-30	24	6.205	0.0036	-2.5 to 2.5	Pass
				-20	24	3.282	0.0019	-2.5 to 2.5	Pass
				-10	24	1.880	0.0011	-2.5 to 2.5	Pass
				0	24	0.273	0.0002	-2.5 to 2.5	Pass
				10	24	2.651	0.0015	-2.5 to 2.5	Pass
				30	24	0.270	0.0002	-2.5 to 2.5	Pass
				40	24	0.188	0.0001	-2.5 to 2.5	Pass
				50	24	0.028	0.0000	-2.5 to 2.5	Pass
	1732.5	75	0	20	12	-2.383	-0.0014	-2.5 to 2.5	Pass
					24	-2.071	-0.0012	-2.5 to 2.5	Pass
					48	-8.011	-0.0046	-2.5 to 2.5	Pass
				-30	24	-11.862	-0.0068	-2.5 to 2.5	Pass
				-20	24	-20.010	-0.0115	-2.5 to 2.5	Pass
				-10	24	-18.641	-0.0108	-2.5 to 2.5	Pass
				0	24	-19.271	-0.0111	-2.5 to 2.5	Pass
				10	24	-19.937	-0.0115	-2.5 to 2.5	Pass
				30	24	-20.902	-0.0121	-2.5 to 2.5	Pass
				40	24	-21.054	-0.0122	-2.5 to 2.5	Pass
				50	24	-22.566	-0.0130	-2.5 to 2.5	Pass
	1747.5	75	0	20	12	-28.789	-0.0165	-2.5 to 2.5	Pass
					24	-33.538	-0.0192	-2.5 to 2.5	Pass
					48	-7.082	-0.0041	-2.5 to 2.5	Pass
				-30	24	-15.917	-0.0091	-2.5 to 2.5	Pass
				-20	24	-25.223	-0.0144	-2.5 to 2.5	Pass
				-10	24	-30.043	-0.0172	-2.5 to 2.5	Pass
				0	24	-37.619	-0.0215	-2.5 to 2.5	Pass
				10	24	-38.770	-0.0222	-2.5 to 2.5	Pass
				30	24	3.199	0.0018	-2.5 to 2.5	Pass
				40	24	-1.039	-0.0006	-2.5 to 2.5	Pass
				50	24	-3.055	-0.0017	-2.5 to 2.5	Pass

2.6 B4_20MHz

2.6.1 Test Result

Band: 4 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1720	100	0	20	12	-26.099	-0.0152	-2.5 to 2.5	Pass
					24	14.591	0.0085	-2.5 to 2.5	Pass
					48	34.705	0.0202	-2.5 to 2.5	Pass
				-30	24	6.556	0.0038	-2.5 to 2.5	Pass
				-20	24	26.520	0.0154	-2.5 to 2.5	Pass
				-10	24	9.695	0.0056	-2.5 to 2.5	Pass
				0	24	12.783	0.0074	-2.5 to 2.5	Pass
				10	24	25.523	0.0148	-2.5 to 2.5	Pass
				30	24	33.027	0.0192	-2.5 to 2.5	Pass
				40	24	40.087	0.0233	-2.5 to 2.5	Pass
				50	24	15.934	0.0093	-2.5 to 2.5	Pass
	1732.5	100	0	20	12	-1.907	-0.0011	-2.5 to 2.5	Pass
					24	-14.768	-0.0085	-2.5 to 2.5	Pass
					48	1.502	0.0009	-2.5 to 2.5	Pass
				-30	24	10.603	0.0061	-2.5 to 2.5	Pass
				-20	24	22.355	0.0129	-2.5 to 2.5	Pass
				-10	24	-20.276	-0.0117	-2.5 to 2.5	Pass
				0	24	-3.617	-0.0021	-2.5 to 2.5	Pass
				10	24	4.204	0.0024	-2.5 to 2.5	Pass
				30	24	19.147	0.0111	-2.5 to 2.5	Pass
				40	24	34.285	0.0198	-2.5 to 2.5	Pass
				50	24	37.334	0.0215	-2.5 to 2.5	Pass
	1745	100	0	20	12	-31.612	-0.0181	-2.5 to 2.5	Pass
					24	13.205	0.0076	-2.5 to 2.5	Pass
					48	17.472	0.0100	-2.5 to 2.5	Pass
				-30	24	25.399	0.0146	-2.5 to 2.5	Pass
				-20	24	29.680	0.0170	-2.5 to 2.5	Pass
				-10	24	36.806	0.0211	-2.5 to 2.5	Pass
				0	24	41.183	0.0236	-2.5 to 2.5	Pass
				10	24	-12.861	-0.0074	-2.5 to 2.5	Pass
				30	24	-10.756	-0.0062	-2.5 to 2.5	Pass
				40	24	-7.961	-0.0046	-2.5 to 2.5	Pass
				50	24	-6.334	-0.0036	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	12	23.063	0.0134	-2.5 to 2.5	Pass
					24	28.040	0.0163	-2.5 to 2.5	Pass
					48	22.909	0.0133	-2.5 to 2.5	Pass
				-30	24	16.382	0.0095	-2.5 to 2.5	Pass
				-20	24	16.030	0.0093	-2.5 to 2.5	Pass
				-10	24	17.930	0.0104	-2.5 to 2.5	Pass
				0	24	18.490	0.0107	-2.5 to 2.5	Pass
				10	24	16.680	0.0097	-2.5 to 2.5	Pass
				30	24	12.663	0.0074	-2.5 to 2.5	Pass
				40	24	15.997	0.0093	-2.5 to 2.5	Pass
				50	24	16.424	0.0095	-2.5 to 2.5	Pass
	1732.5	100	0	20	12	4.935	0.0028	-2.5 to 2.5	Pass
					24	19.134	0.0110	-2.5 to 2.5	Pass
					48	26.917	0.0155	-2.5 to 2.5	Pass

				-30	24	36.824	0.0213	-2.5 to 2.5	Pass
				-20	24	485	0.0026	-2.5 to 2.5	Pass
				-10	24	14.364	0.0083	-2.5 to 2.5	Pass
				0	24	23.007	0.0133	-2.5 to 2.5	Pass
				10	24	31.552	0.0182	-2.5 to 2.5	Pass
				30	24	39.461	0.0228	-2.5 to 2.5	Pass
				40	24	7.439	0.0043	-2.5 to 2.5	Pass
				50	24	13.429	0.0078	-2.5 to 2.5	Pass
	1745	100	0	20	12	-3.637	-0.0021	-2.5 to 2.5	Pass
					24	-3.468	-0.0020	-2.5 to 2.5	Pass
					48	-5.796	-0.0033	-2.5 to 2.5	Pass
				-30	24	-8.376	-0.0048	-2.5 to 2.5	Pass
				-20	24	-9.597	-0.0055	-2.5 to 2.5	Pass
				-10	24	-12.950	-0.0074	-2.5 to 2.5	Pass
				0	24	-14.276	-0.0082	-2.5 to 2.5	Pass
				10	24	-16.411	-0.0094	-2.5 to 2.5	Pass
				30	24	-16.738	-0.0096	-2.5 to 2.5	Pass
				40	24	-16.717	-0.0096	-2.5 to 2.5	Pass
				50	24	-19.457	-0.0112	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

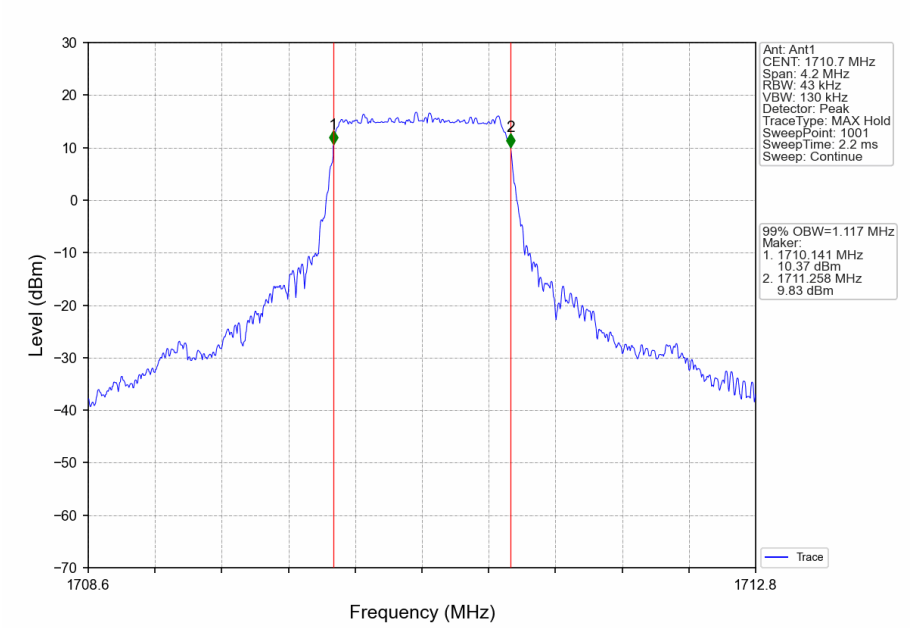
3.1 Band4_OBW

3.1.1 Test Result

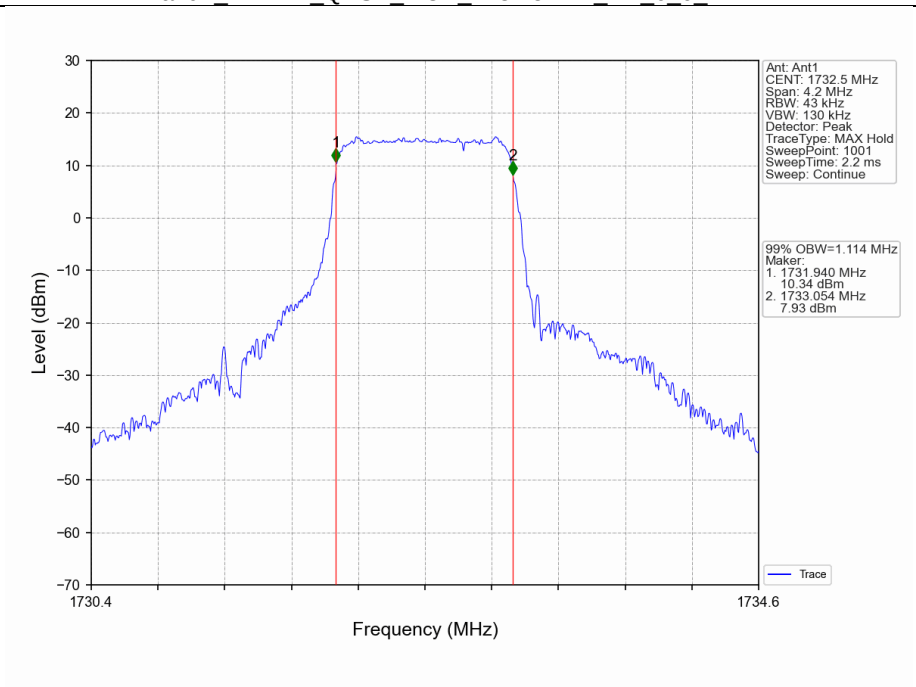
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.117	/	Pass
		1732.5	6	0	1.114	/	Pass
		1754.3	6	0	1.114	/	Pass
	16QAM	1710.7	6	0	1.113	/	Pass
		1732.5	6	0	1.118	/	Pass
		1754.3	6	0	1.105	/	Pass
3	QPSK	1711.5	15	0	2.756	/	Pass
		1732.5	15	0	2.748	/	Pass
		1753.5	15	0	2.752	/	Pass
	16QAM	1711.5	15	0	2.766	/	Pass
		1732.5	15	0	2.754	/	Pass
		1753.5	15	0	2.763	/	Pass
5	QPSK	1712.5	25	0	4.582	/	Pass
		1732.5	25	0	4.556	/	Pass
		1752.5	25	0	4.564	/	Pass
	16QAM	1712.5	25	0	4.569	/	Pass
		1732.5	25	0	4.595	/	Pass
		1752.5	25	0	4.584	/	Pass
10	QPSK	1715	50	0	9.087	/	Pass
		1732.5	50	0	9.080	/	Pass
		1750	50	0	9.095	/	Pass
	16QAM	1715	50	0	9.080	/	Pass
		1732.5	50	0	9.083	/	Pass
		1750	50	0	9.100	/	Pass
15	QPSK	1717.5	75	0	13.602	/	Pass
		1732.5	75	0	13.583	/	Pass
		1747.5	75	0	13.619	/	Pass
	16QAM	1717.5	75	0	13.620	/	Pass
		1732.5	75	0	13.600	/	Pass
		1747.5	75	0	13.627	/	Pass
20	QPSK	1720	100	0	18.172	/	Pass
		1732.5	100	0	18.164	/	Pass
		1745	100	0	18.200	/	Pass
	16QAM	1720	100	0	18.192	/	Pass
		1732.5	100	0	18.114	/	Pass
		1745	100	0	18.123	/	Pass

3.1.2 Test Graph

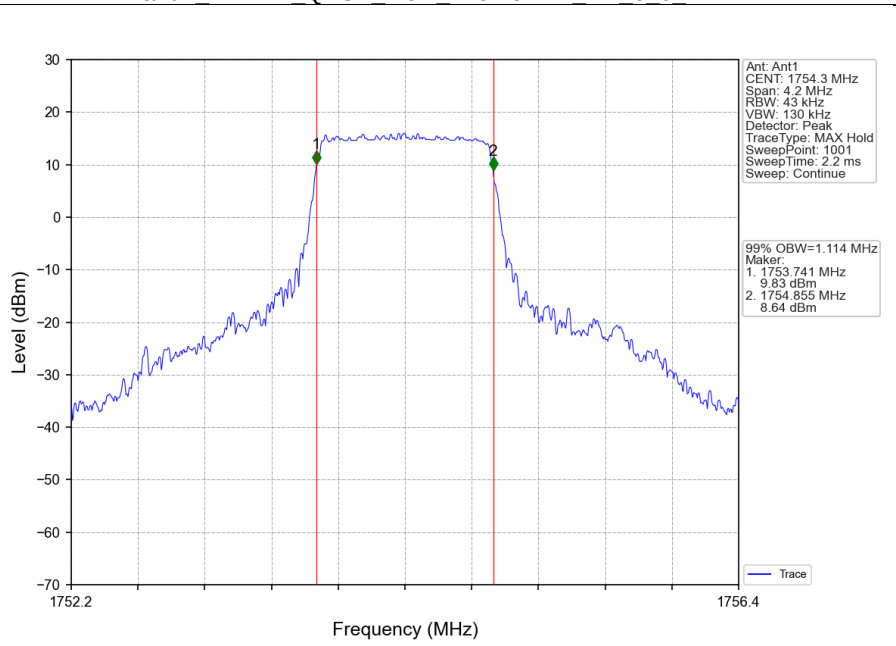
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



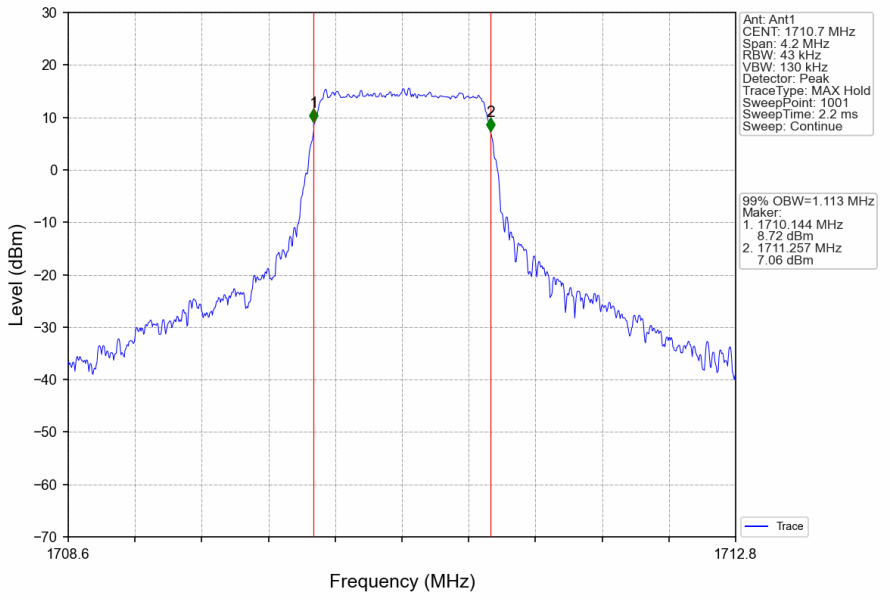
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



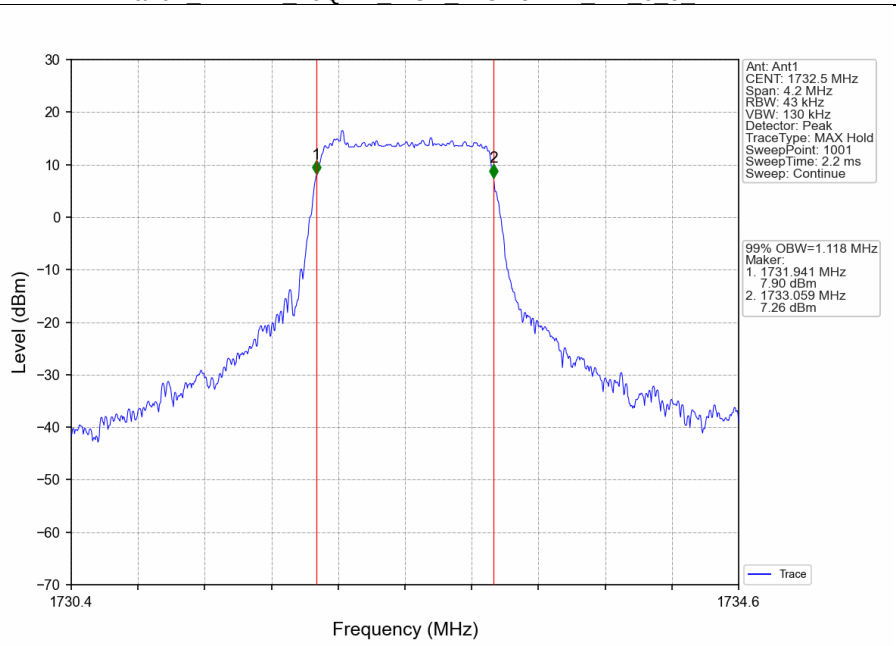
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



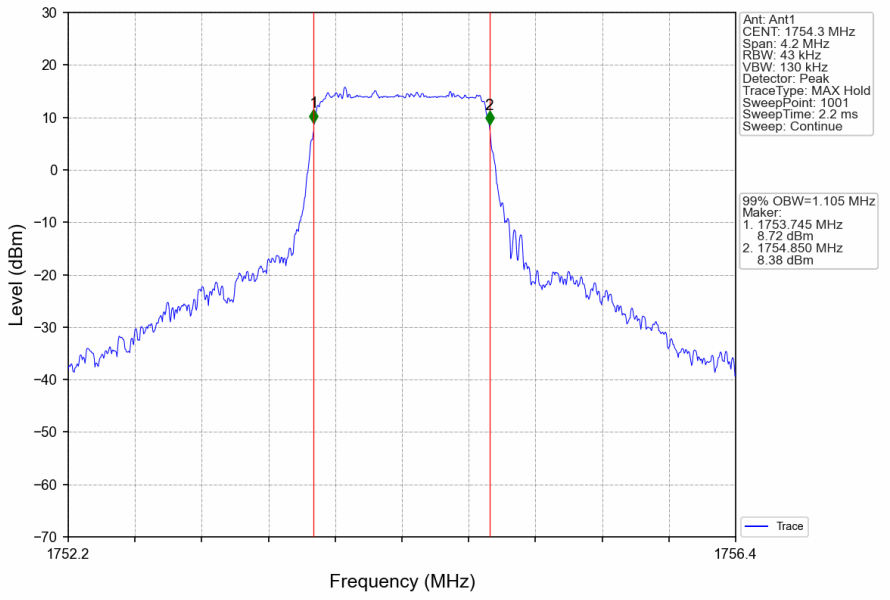
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



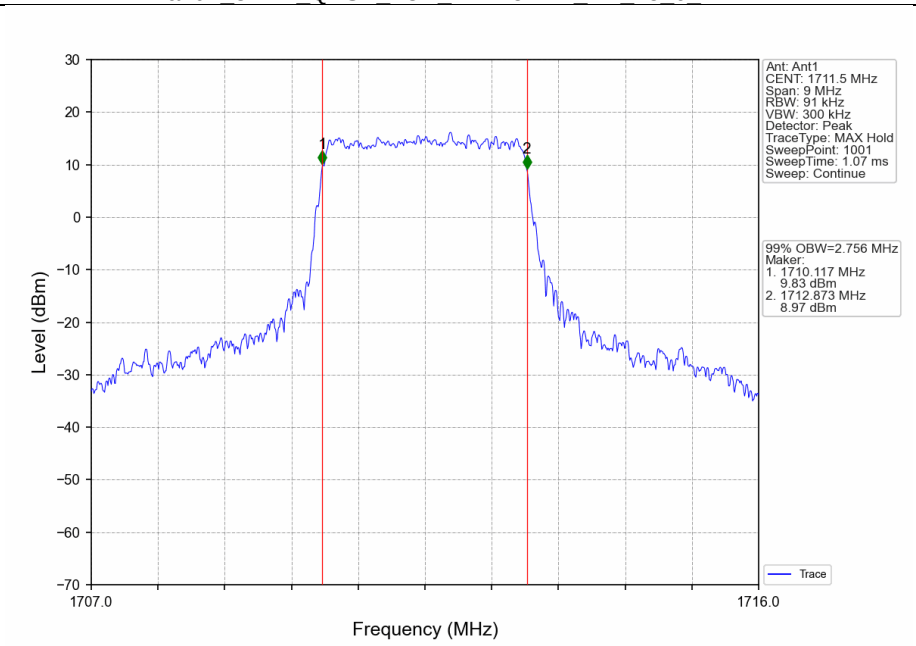
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



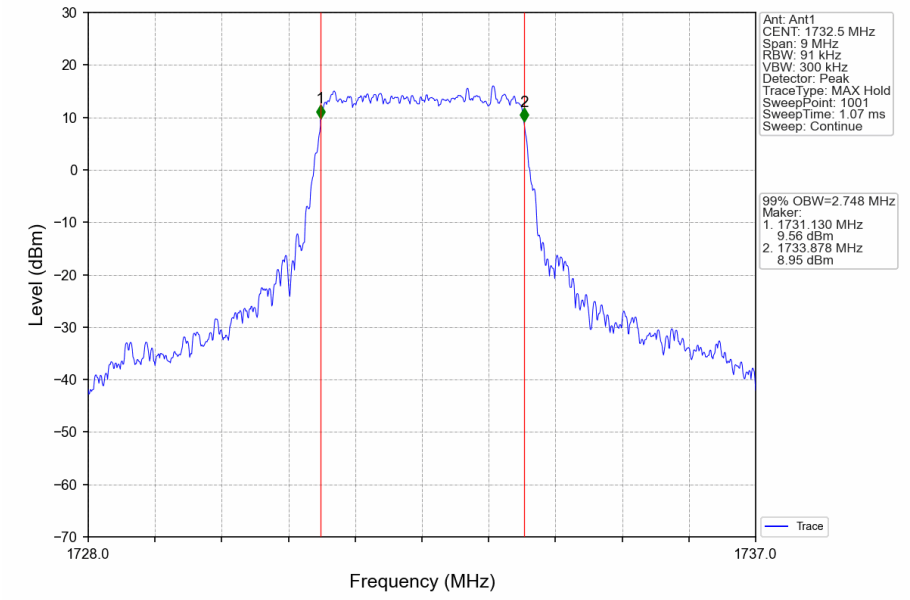
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



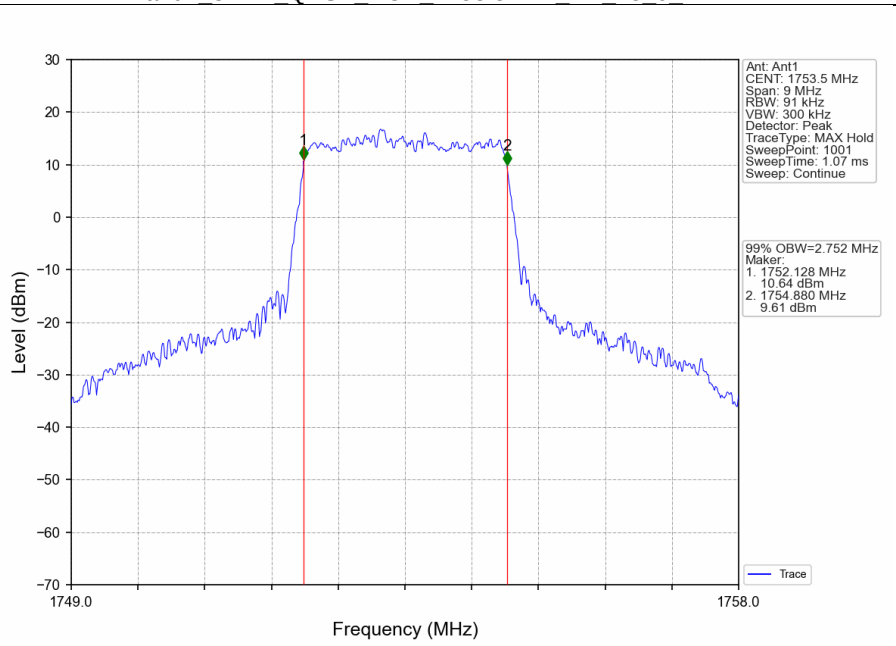
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



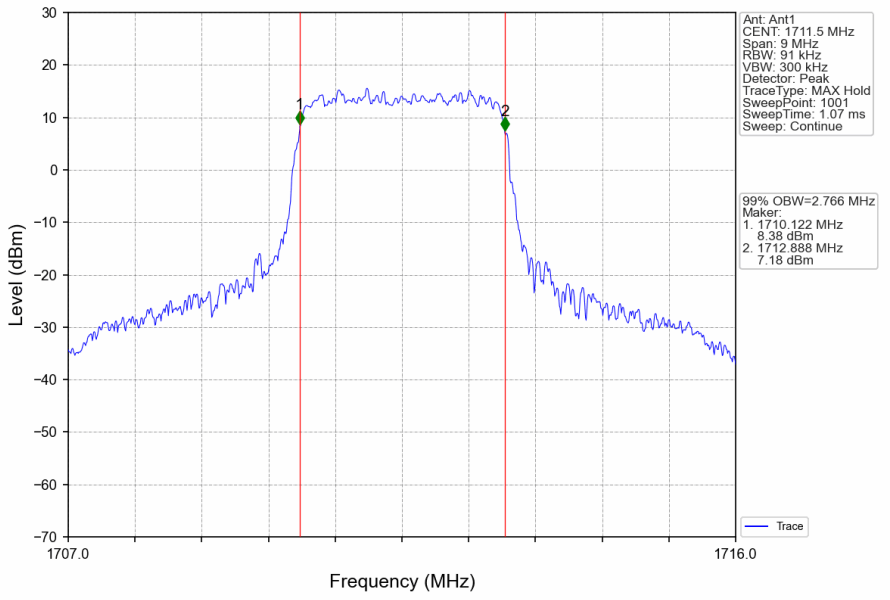
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



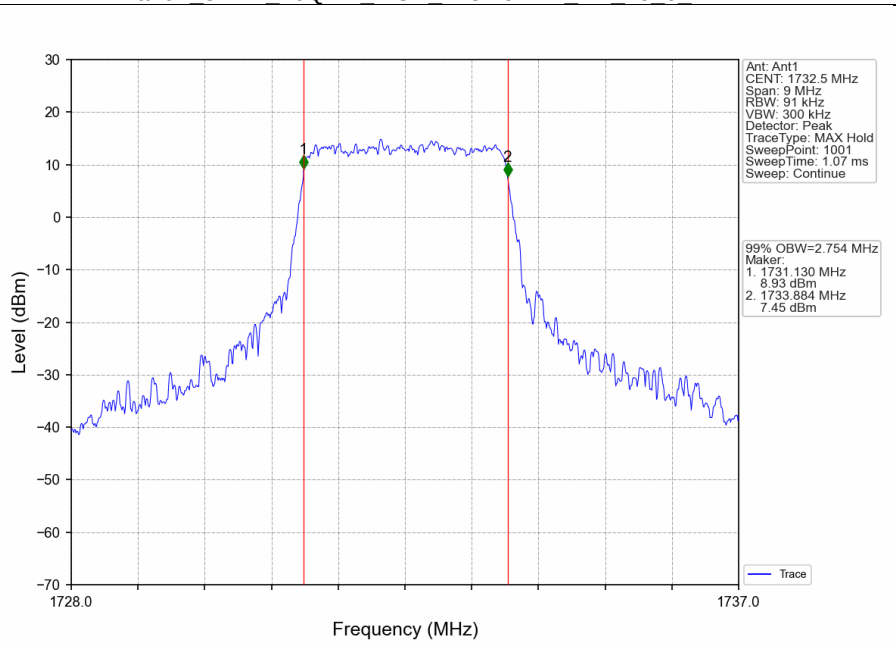
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



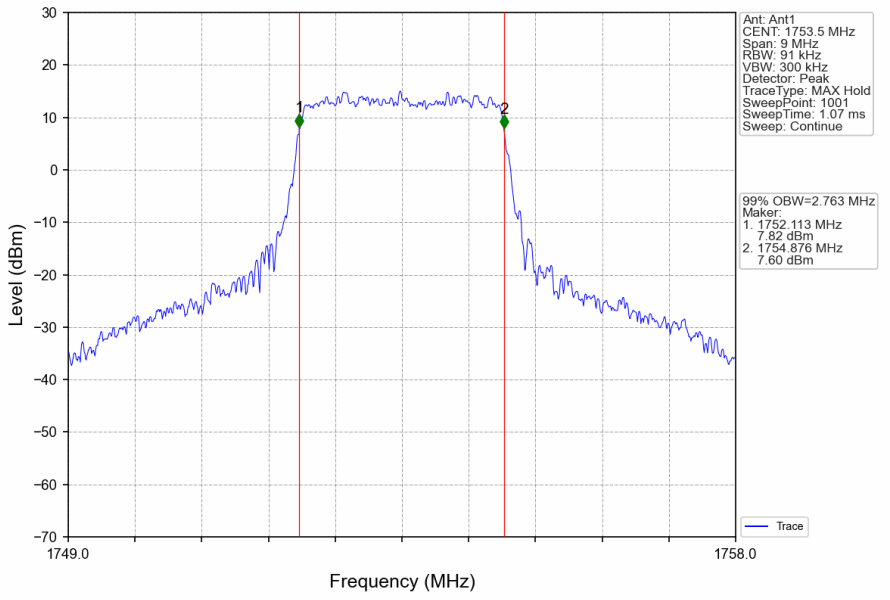
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



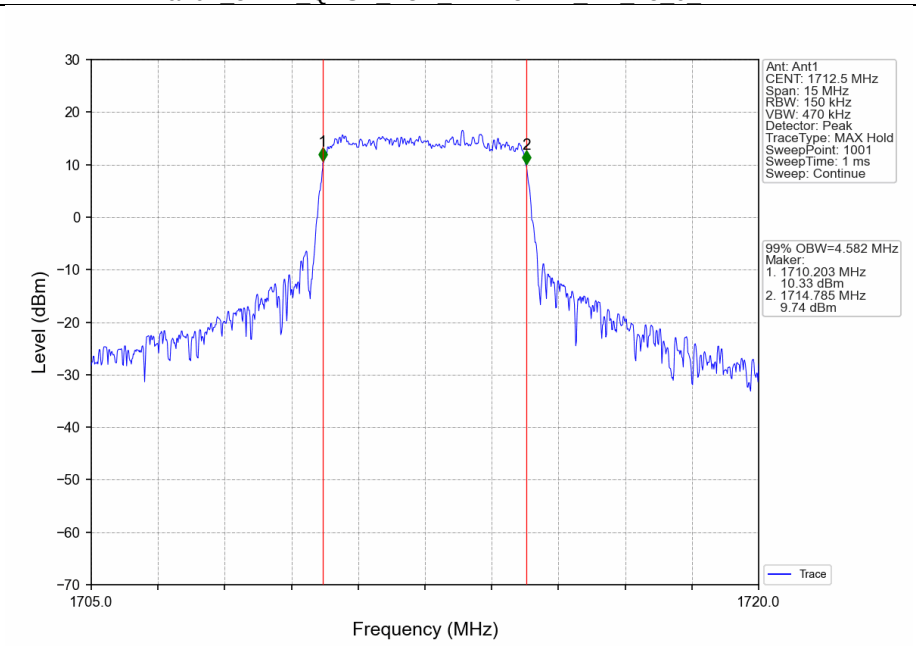
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



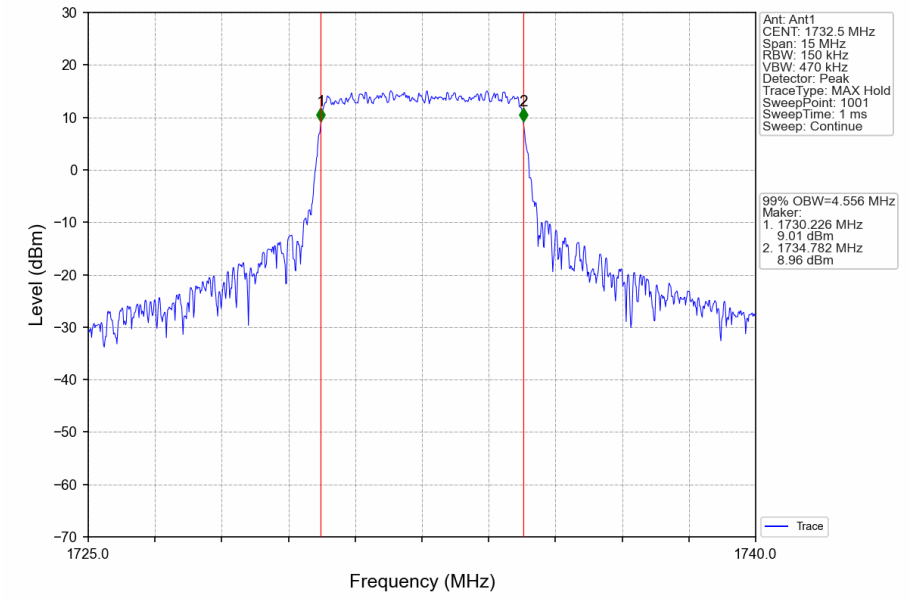
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



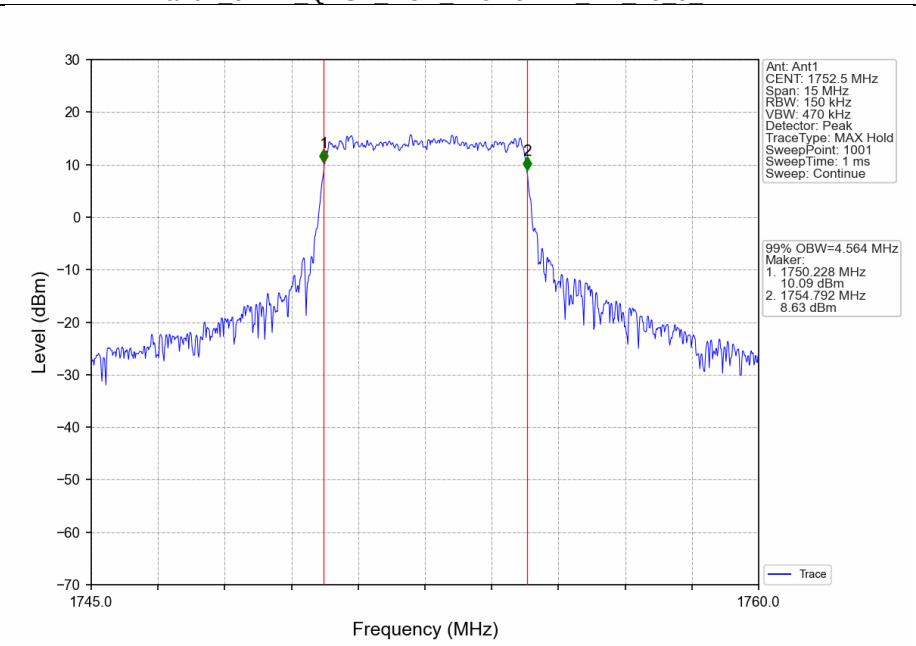
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



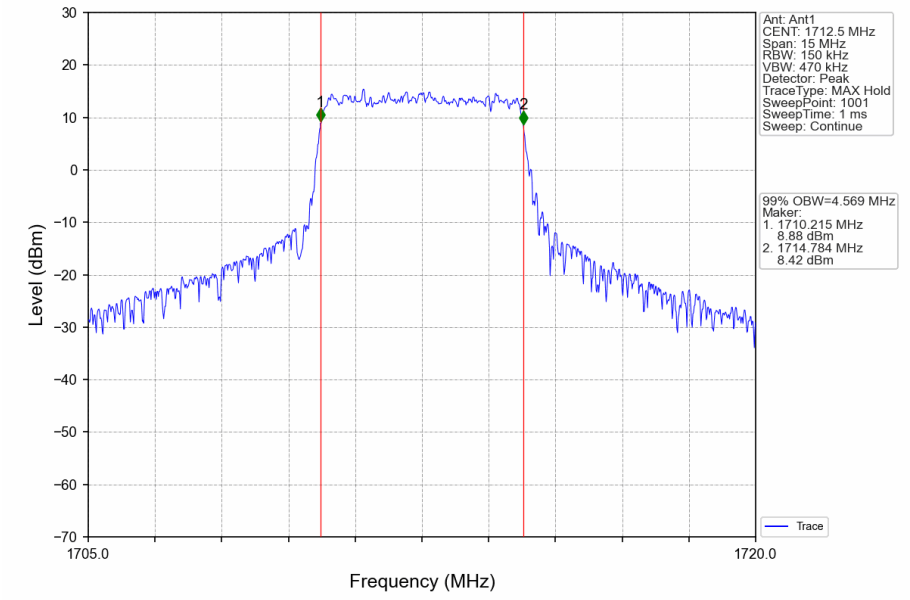
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



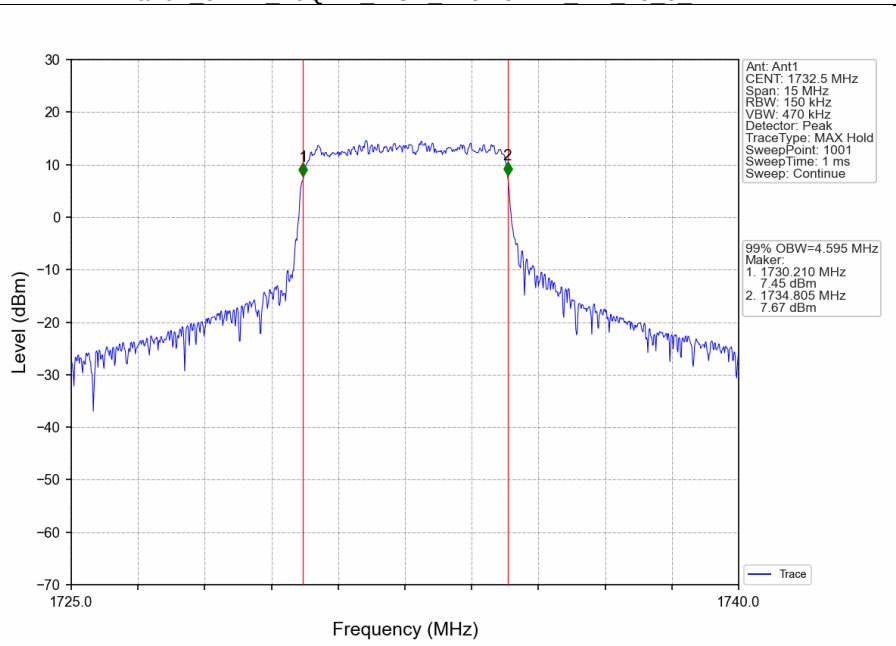
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



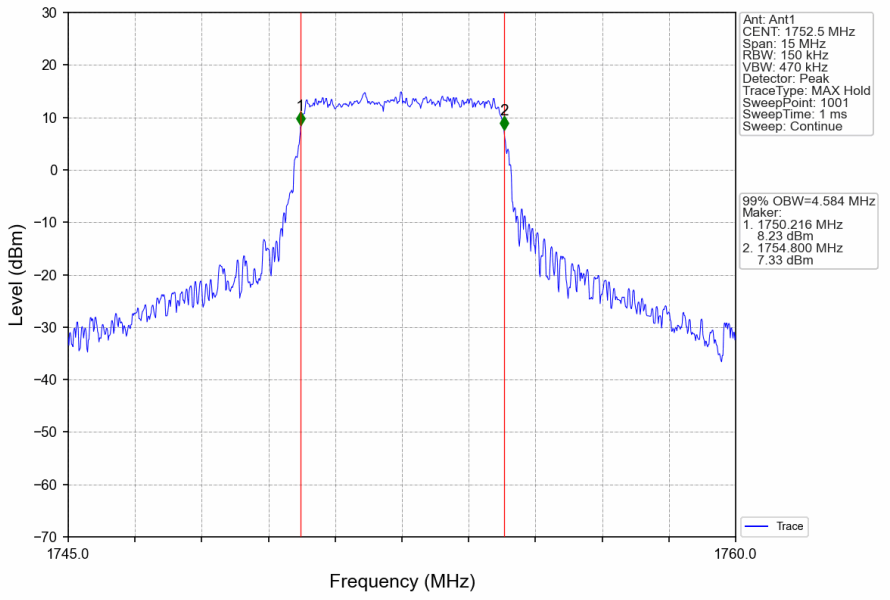
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



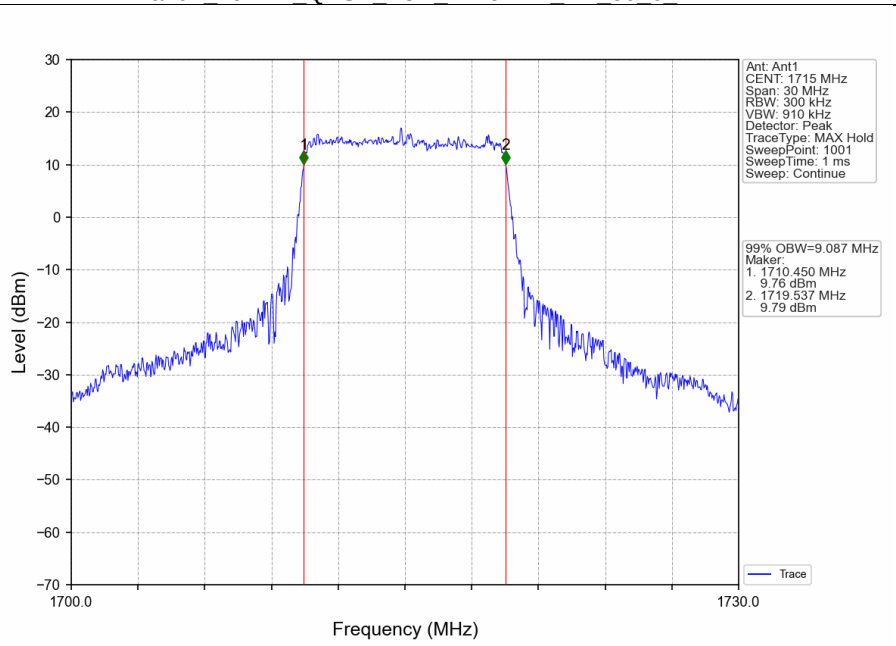
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



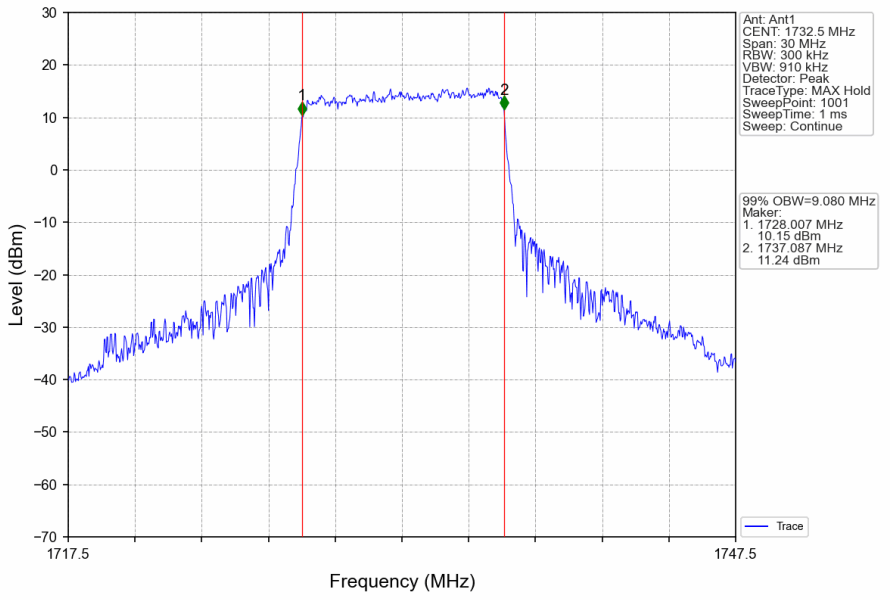
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



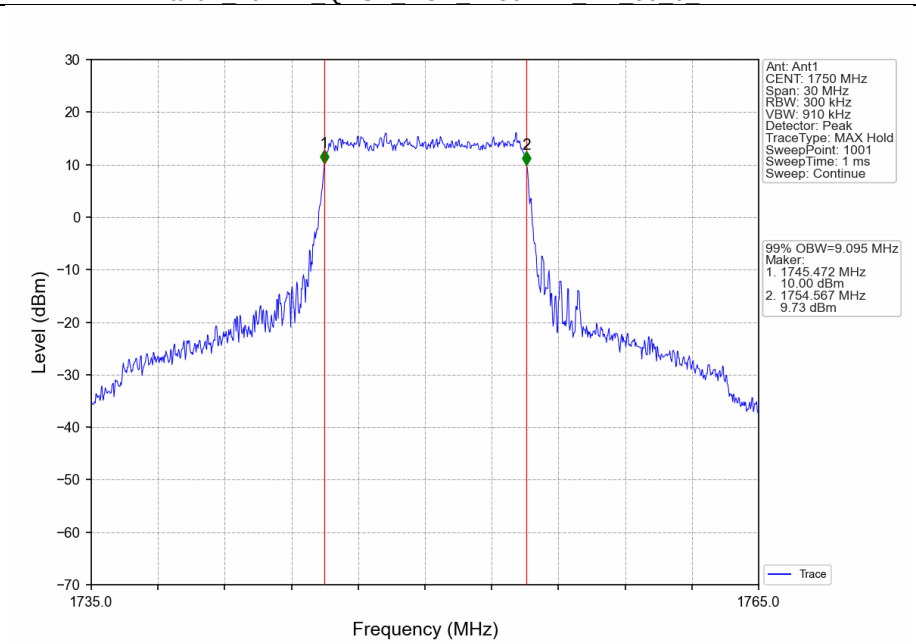
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



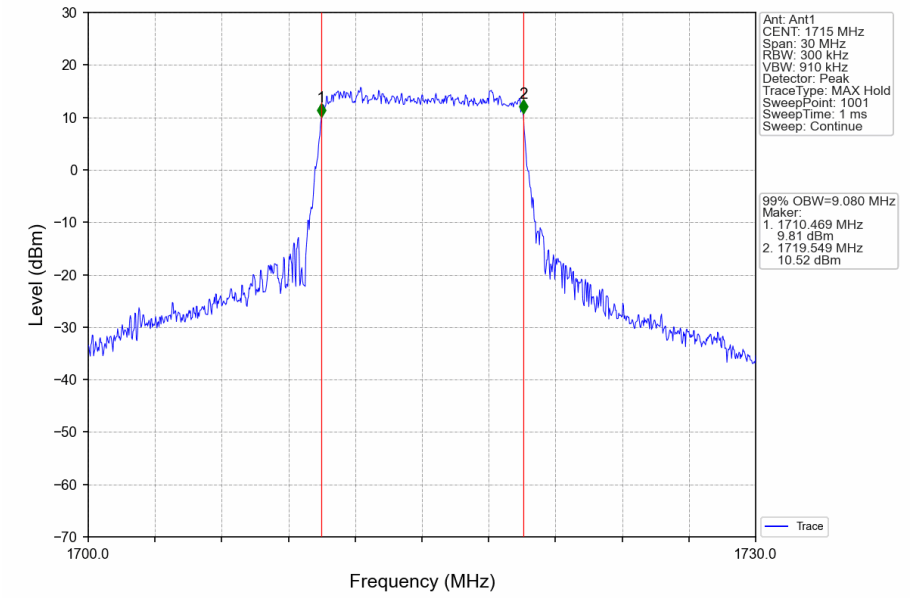
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



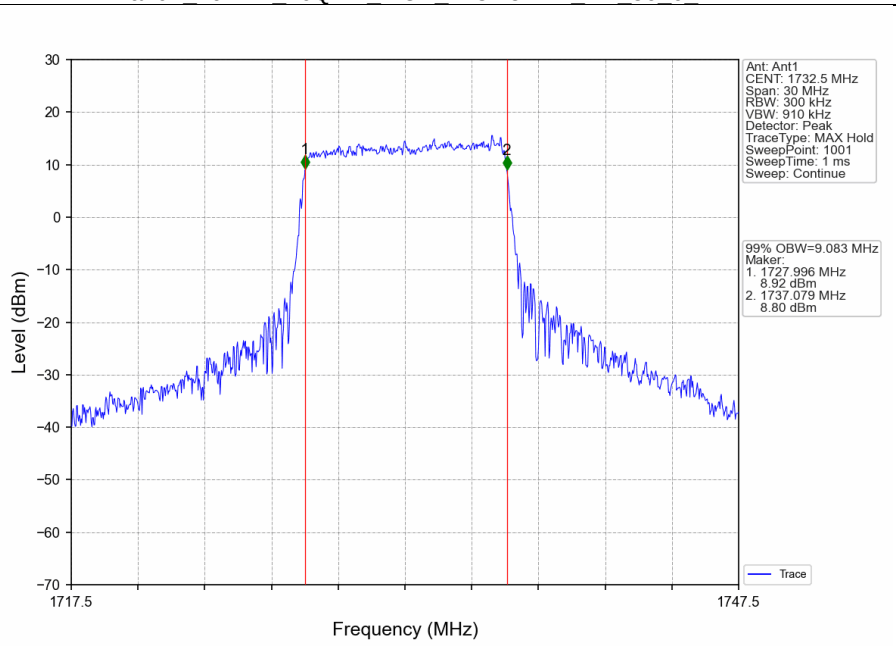
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



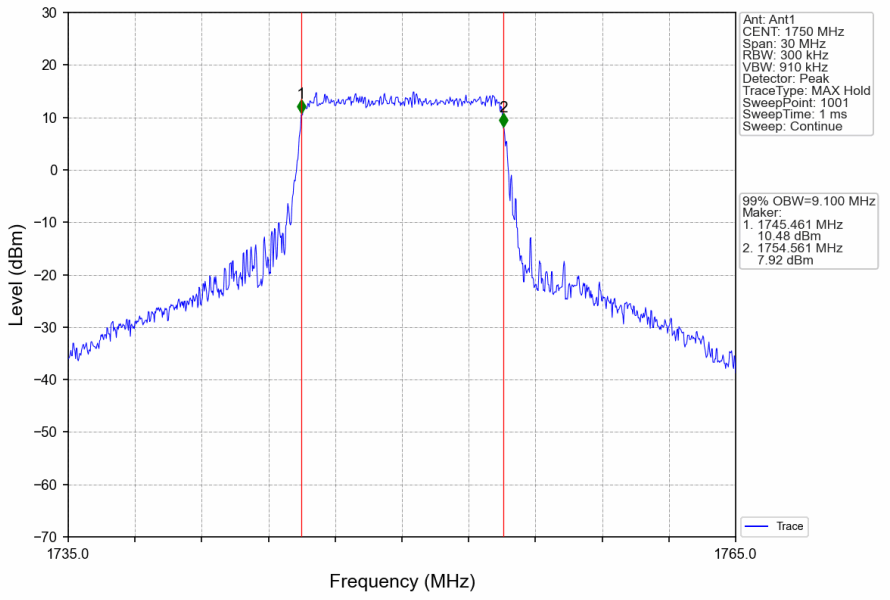
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



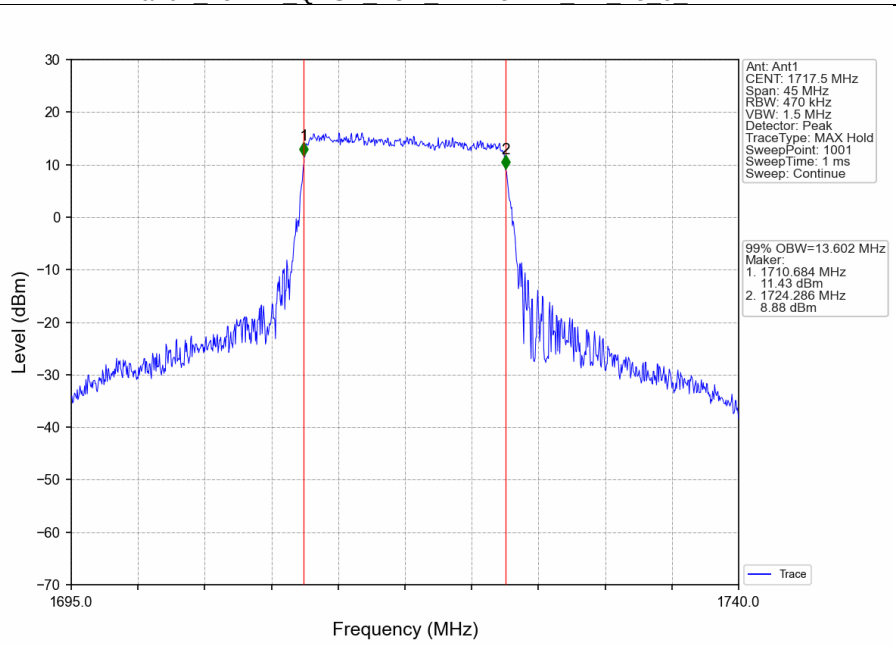
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



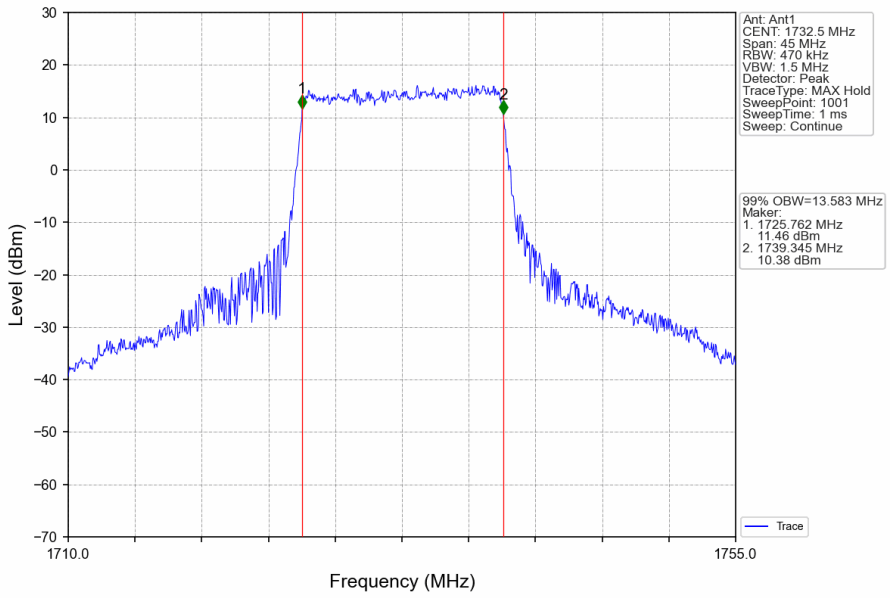
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



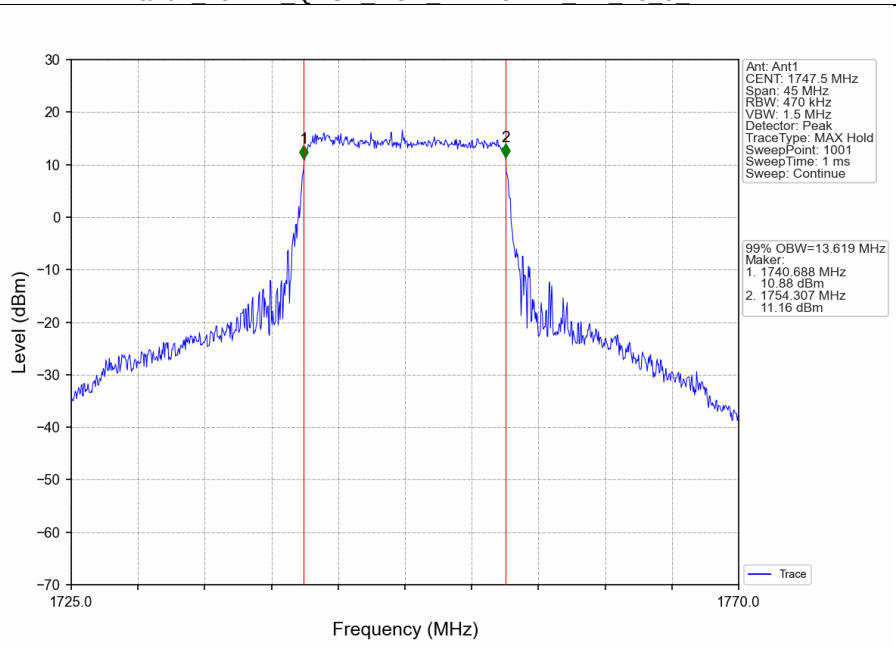
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



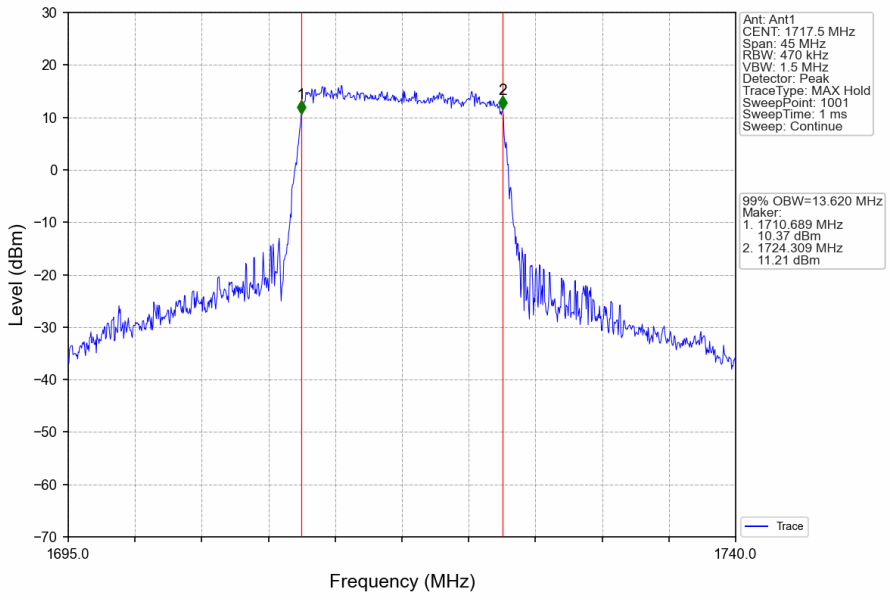
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



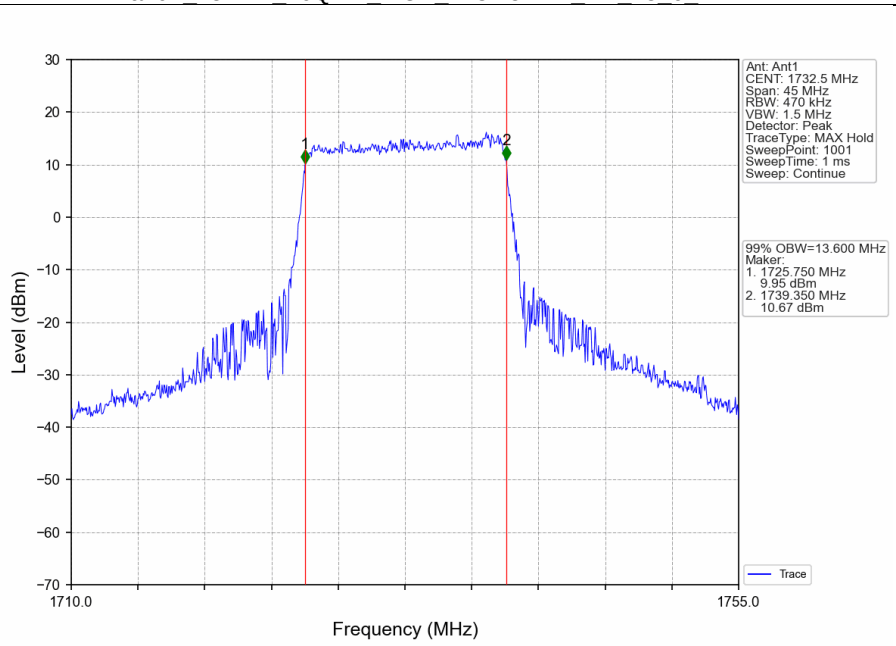
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



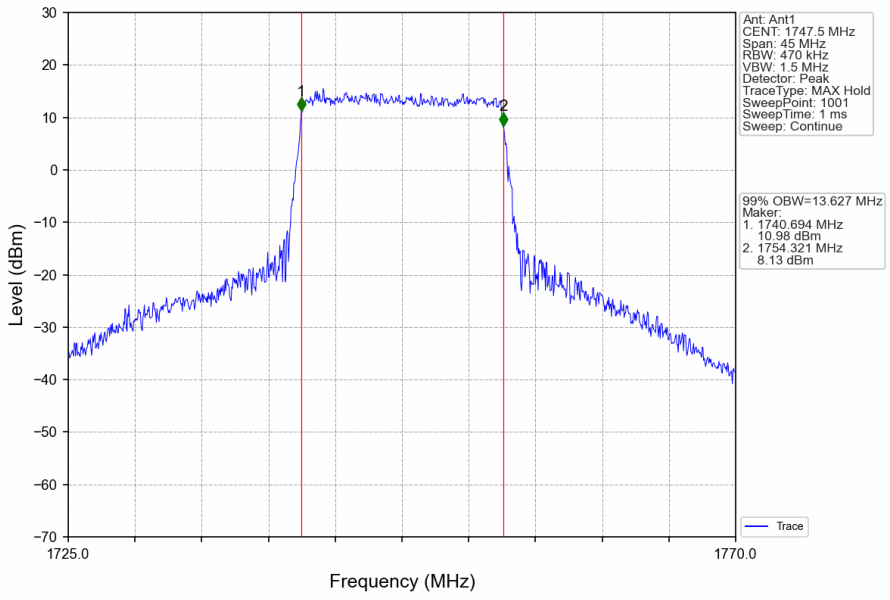
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



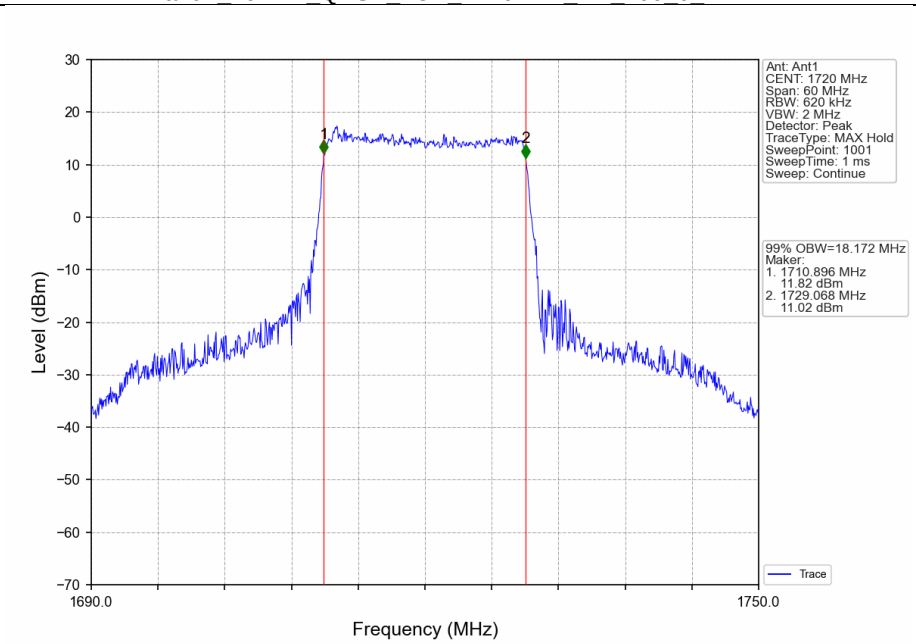
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



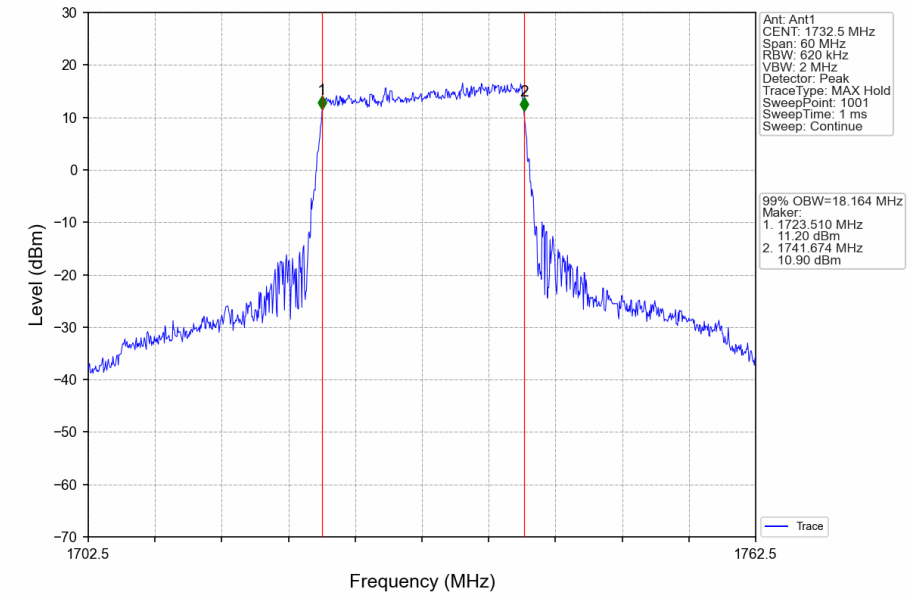
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



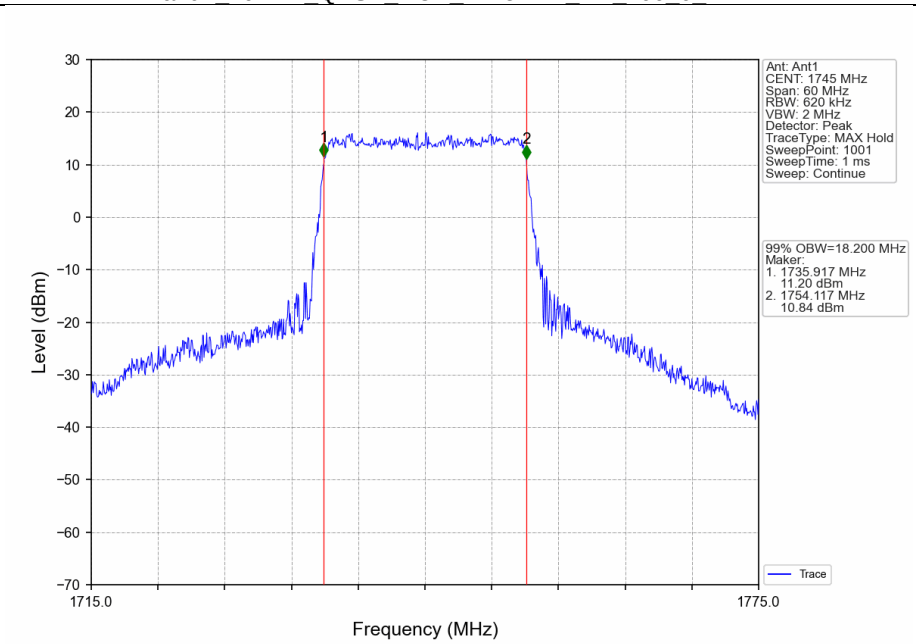
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



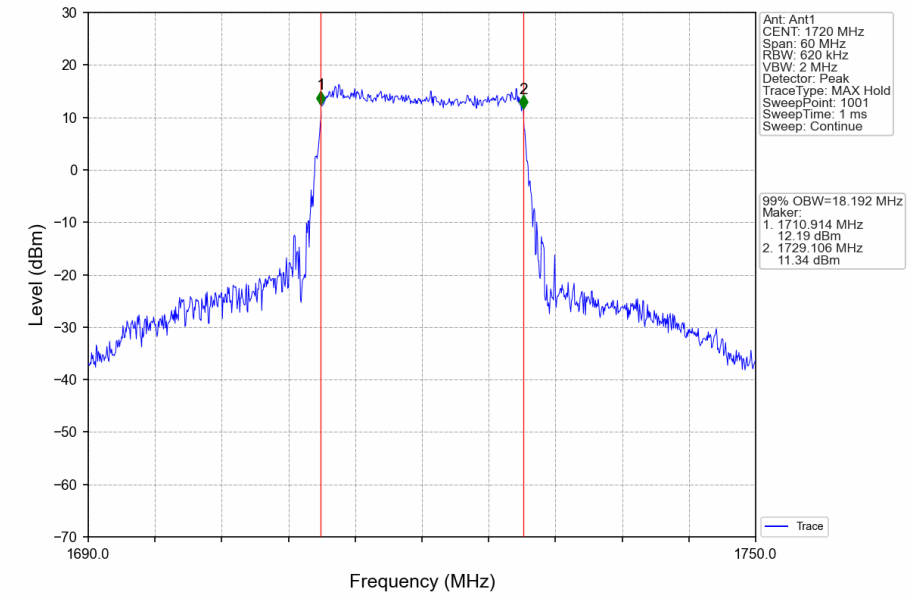
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



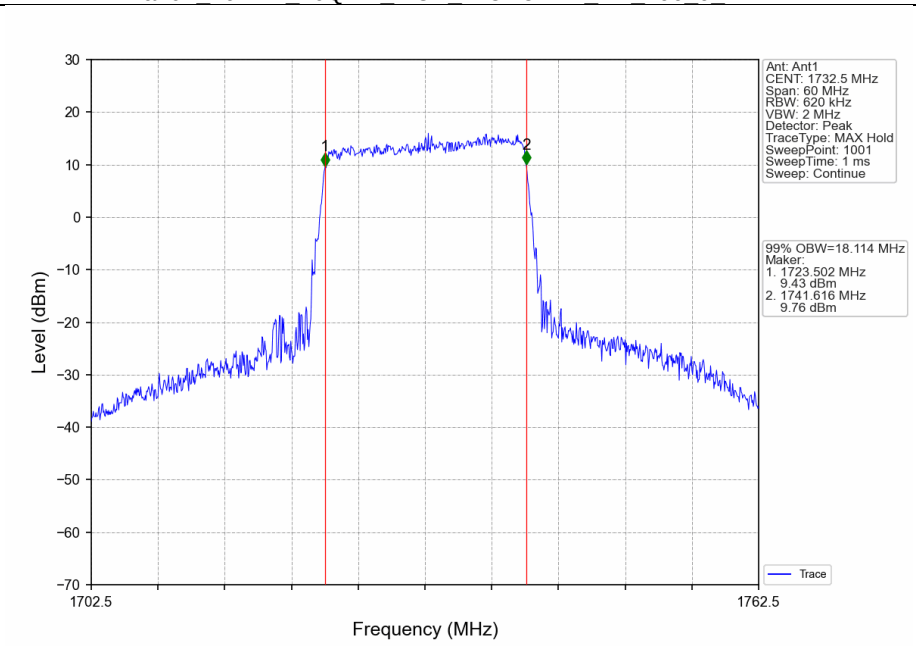
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



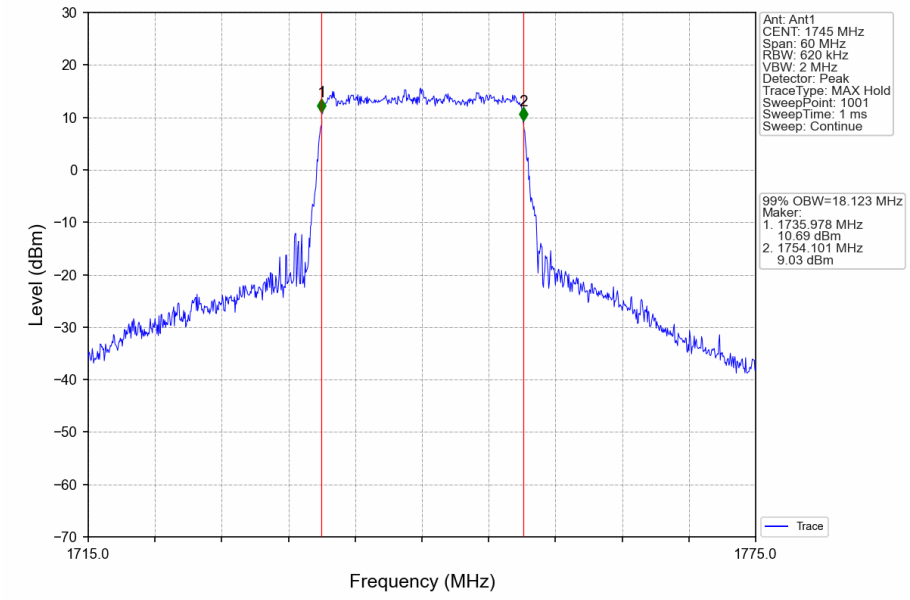
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



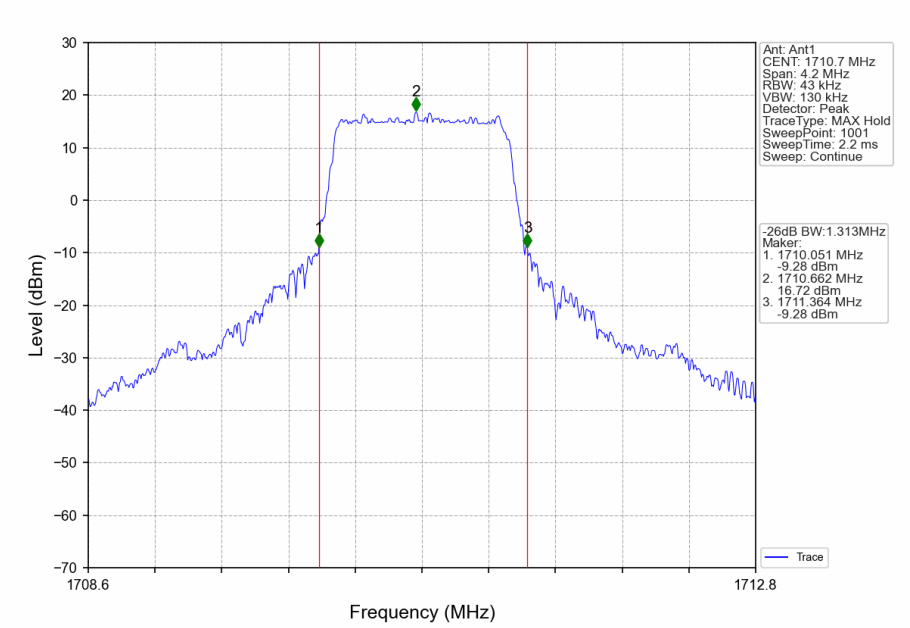
3.2 Band4_XDB

3.2.1 Test Result

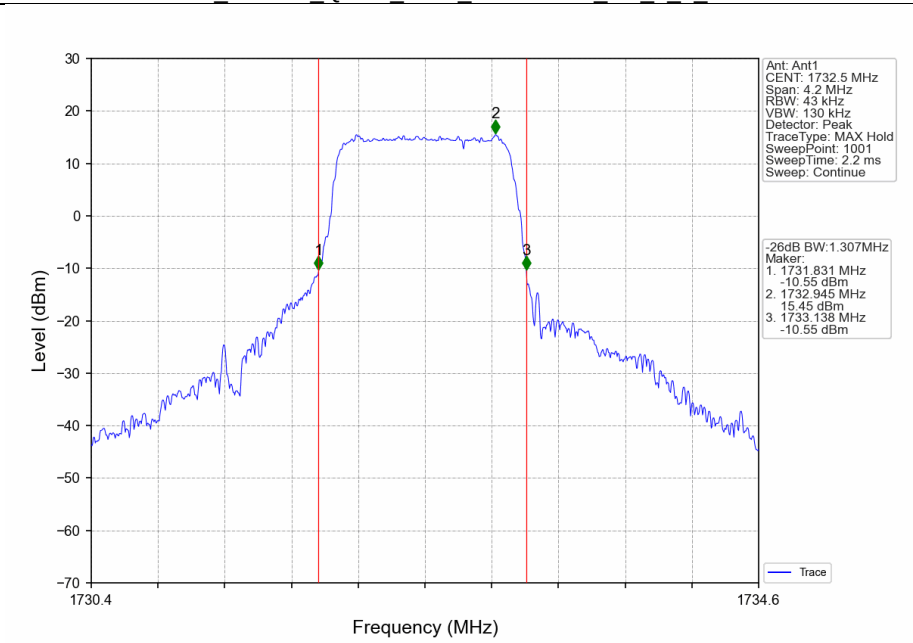
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.313	/	Pass
		1732.5	6	0	1.307	/	Pass
		1754.3	6	0	1.359	/	Pass
	16QAM	1710.7	6	0	1.325	/	Pass
		1732.5	6	0	1.275	/	Pass
		1754.3	6	0	1.321	/	Pass
3	QPSK	1711.5	15	0	3.157	/	Pass
		1732.5	15	0	3.125	/	Pass
		1753.5	15	0	3.085	/	Pass
	16QAM	1711.5	15	0	3.116	/	Pass
		1732.5	15	0	3.120	/	Pass
		1753.5	15	0	3.221	/	Pass
5	QPSK	1712.5	25	0	5.476	/	Pass
		1732.5	25	0	5.557	/	Pass
		1752.5	25	0	5.657	/	Pass
	16QAM	1712.5	25	0	5.485	/	Pass
		1732.5	25	0	5.814	/	Pass
		1752.5	25	0	5.553	/	Pass
10	QPSK	1715	50	0	10.270	/	Pass
		1732.5	50	0	10.251	/	Pass
		1750	50	0	10.569	/	Pass
	16QAM	1715	50	0	10.243	/	Pass
		1732.5	50	0	10.206	/	Pass
		1750	50	0	10.755	/	Pass
15	QPSK	1717.5	75	0	16.049	/	Pass
		1732.5	75	0	15.711	/	Pass
		1747.5	75	0	16.277	/	Pass
	16QAM	1717.5	75	0	15.053	/	Pass
		1732.5	75	0	15.378	/	Pass
		1747.5	75	0	15.178	/	Pass
20	QPSK	1720	100	0	20.276	/	Pass
		1732.5	100	0	20.082	/	Pass
		1745	100	0	20.698	/	Pass
	16QAM	1720	100	0	20.367	/	Pass
		1732.5	100	0	20.245	/	Pass
		1745	100	0	20.252	/	Pass

3.2.2 Test Graph

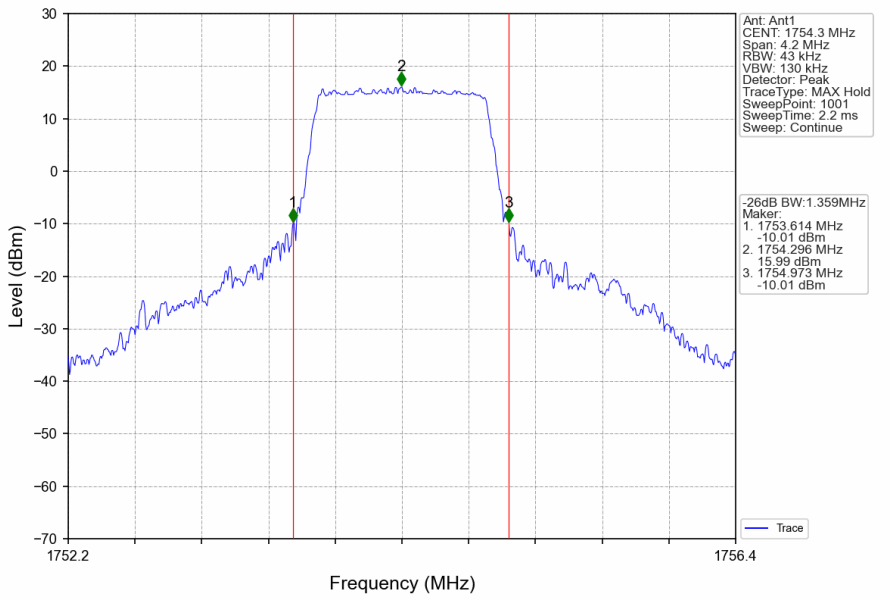
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



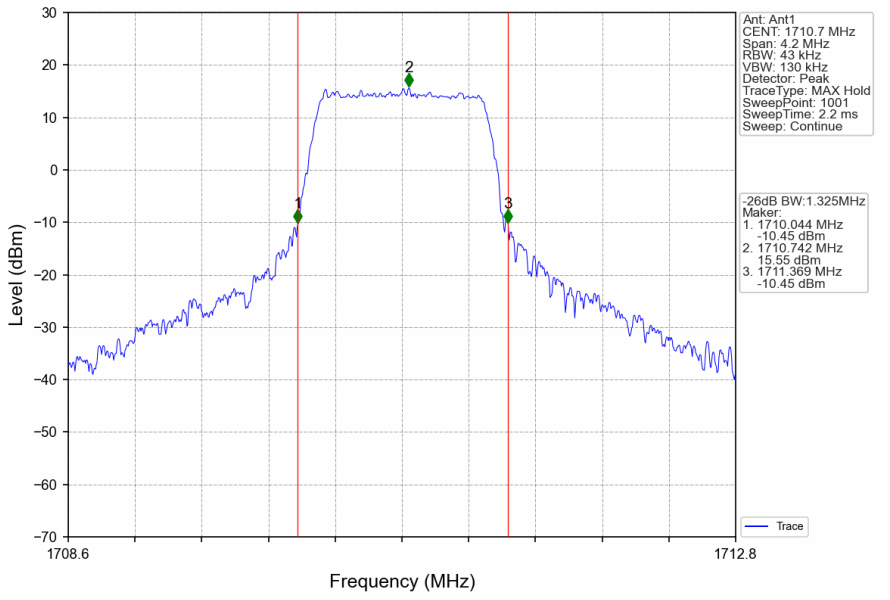
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



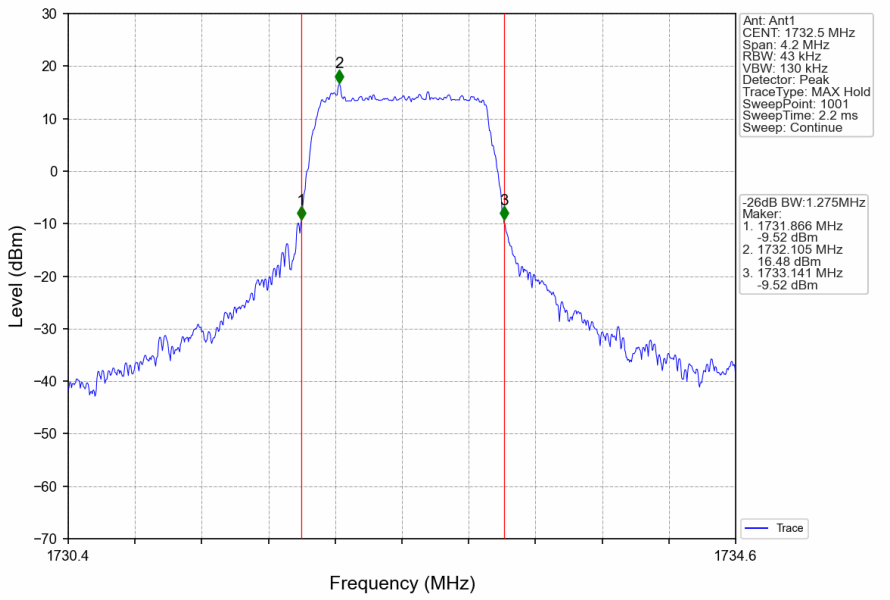
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



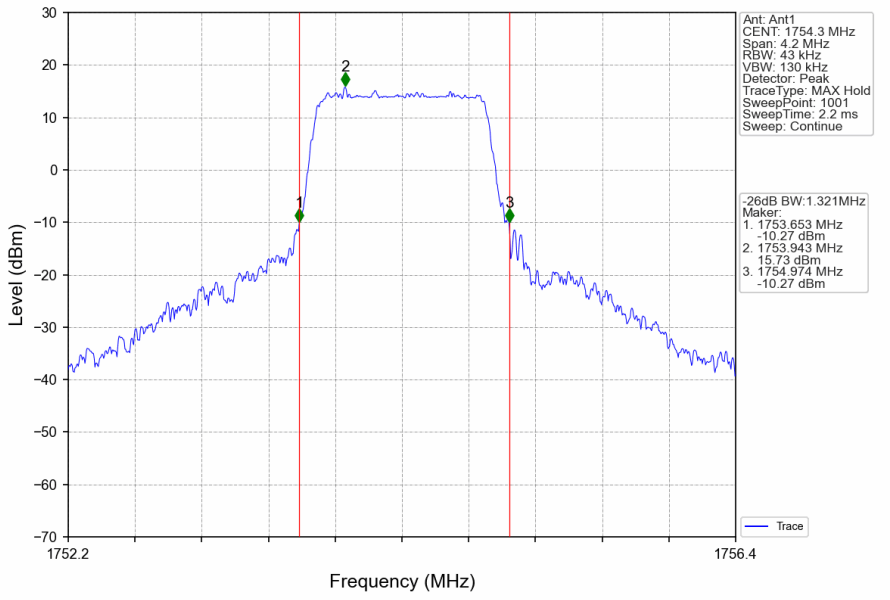
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



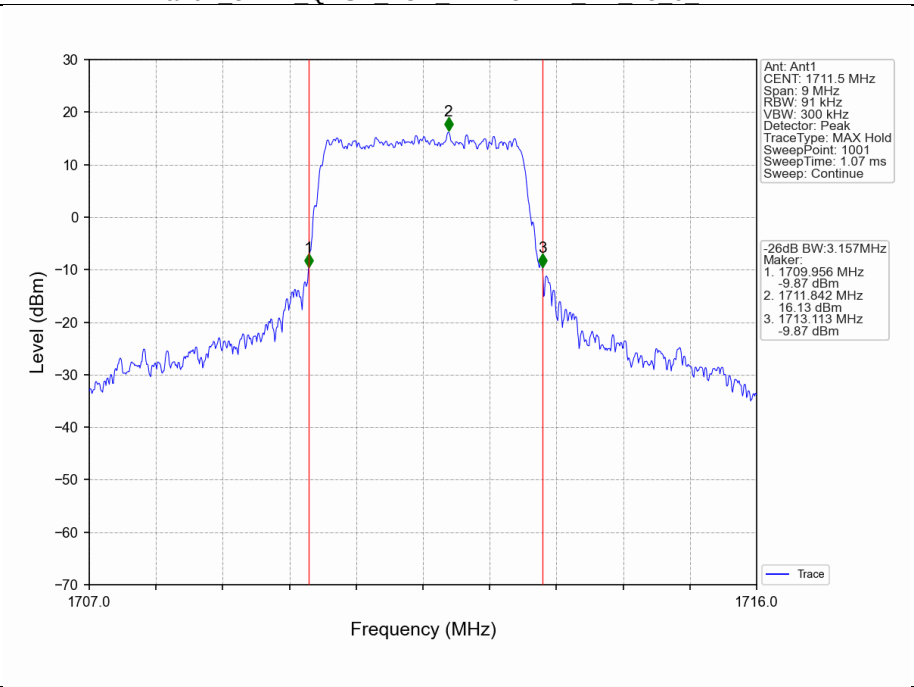
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



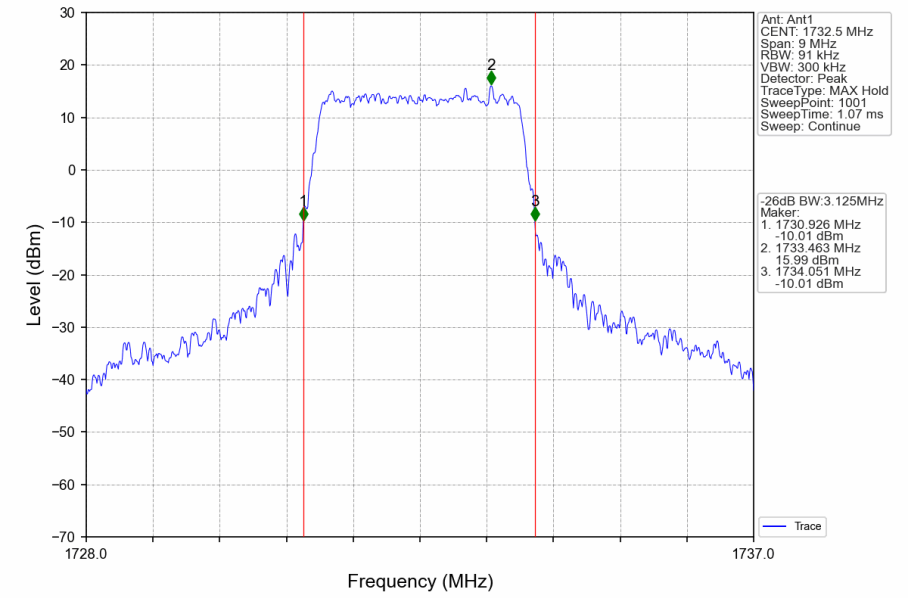
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



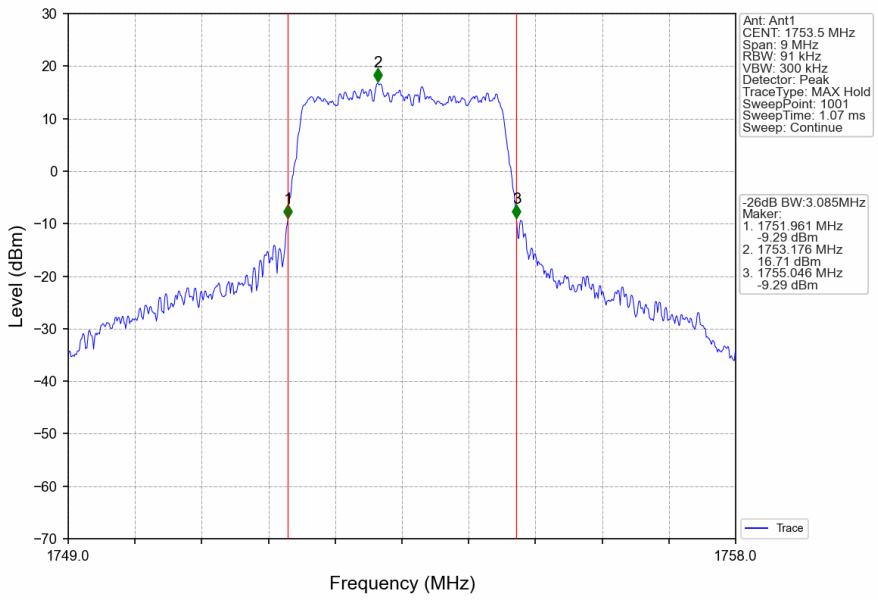
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



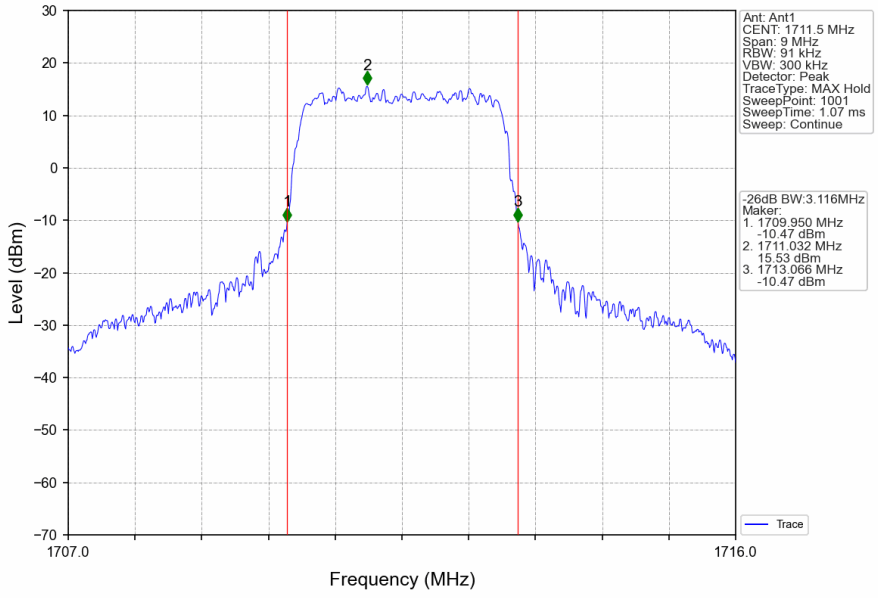
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



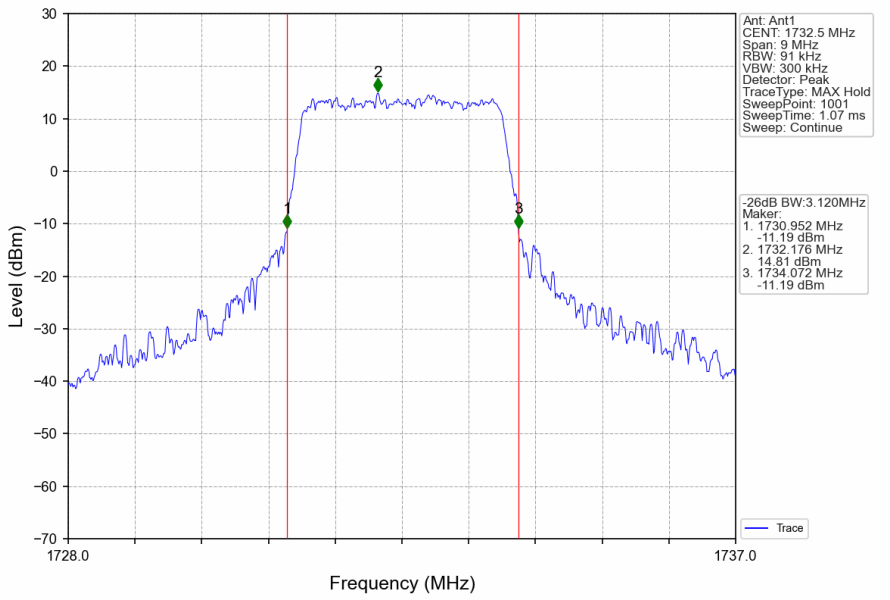
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



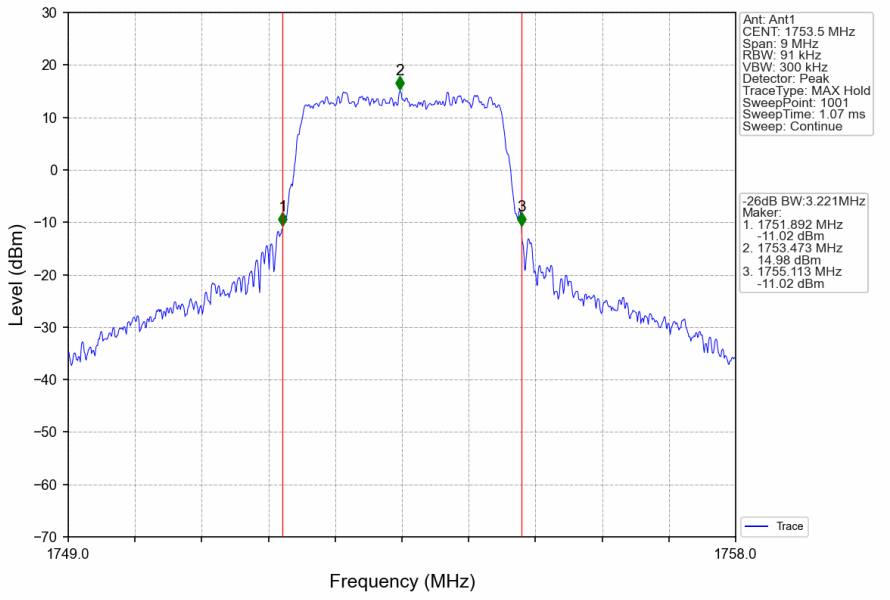
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



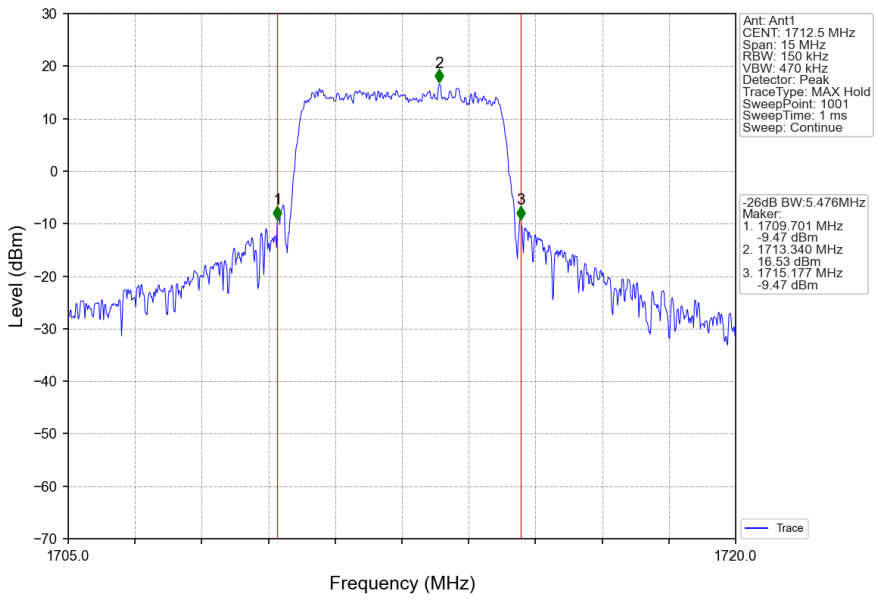
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



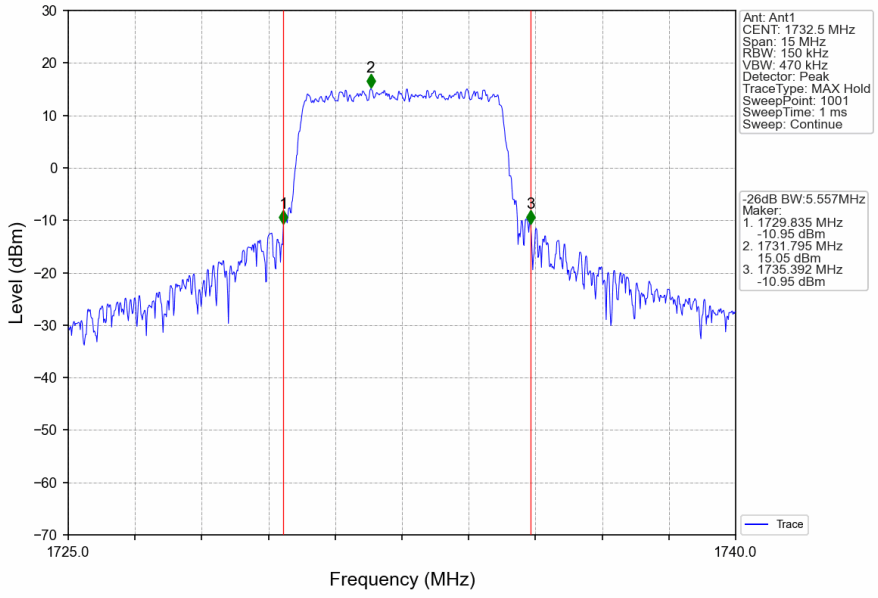
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



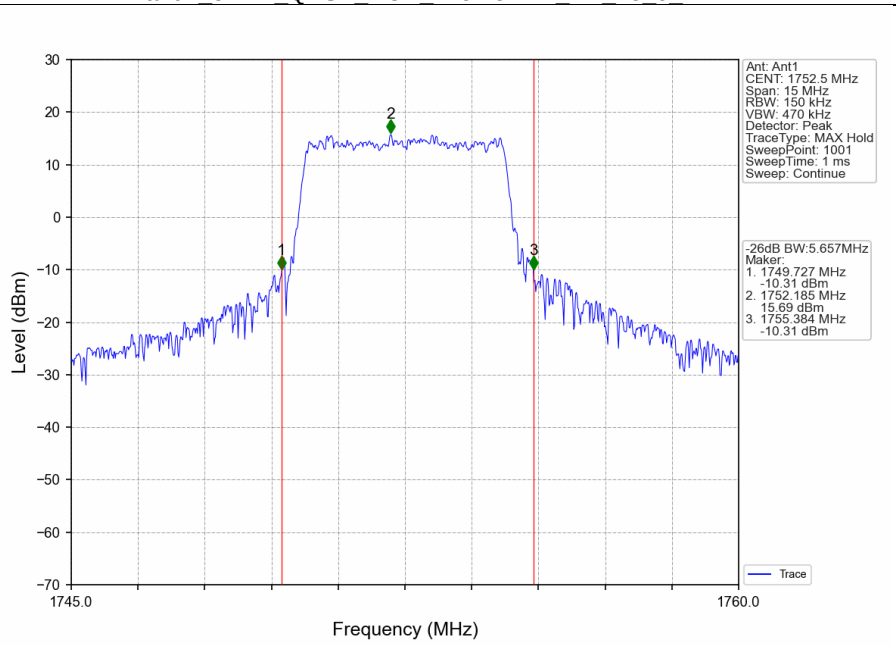
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



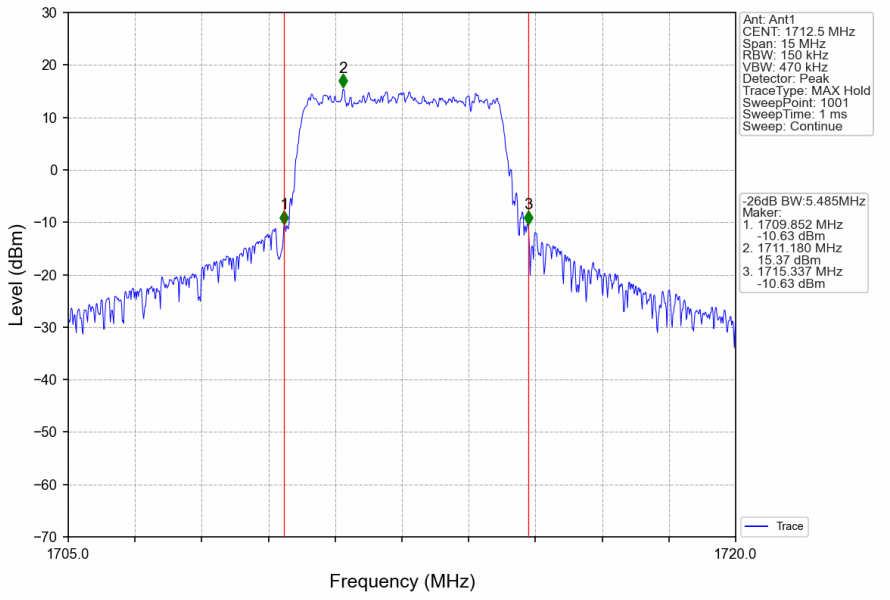
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



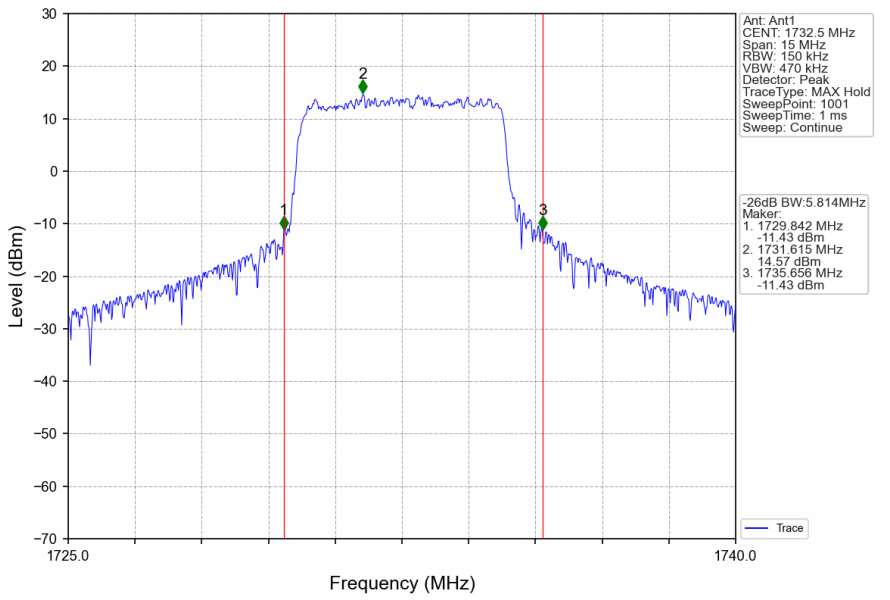
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



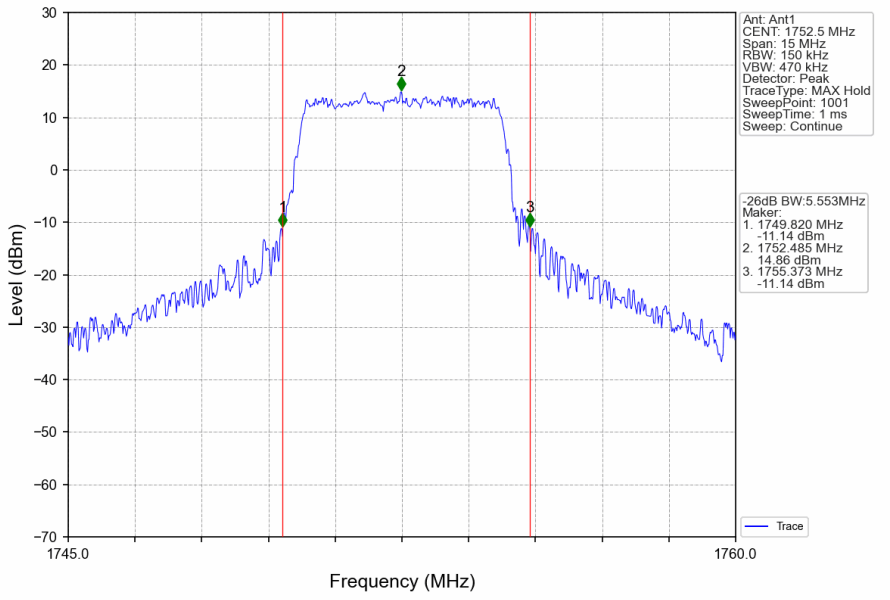
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



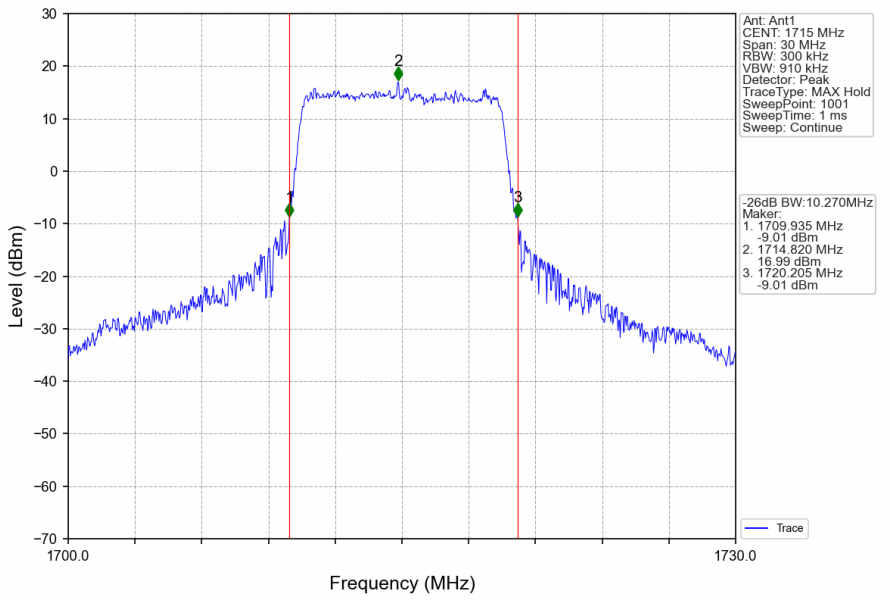
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



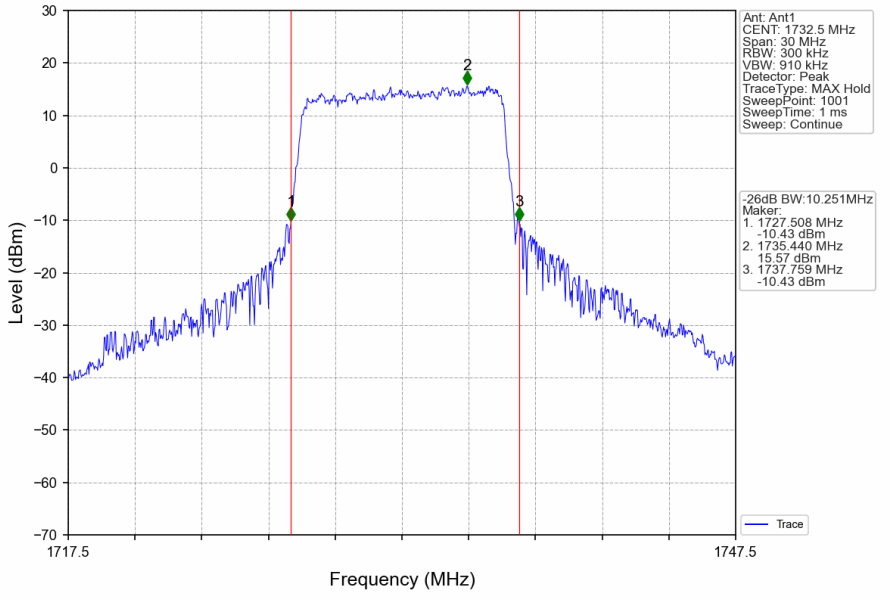
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



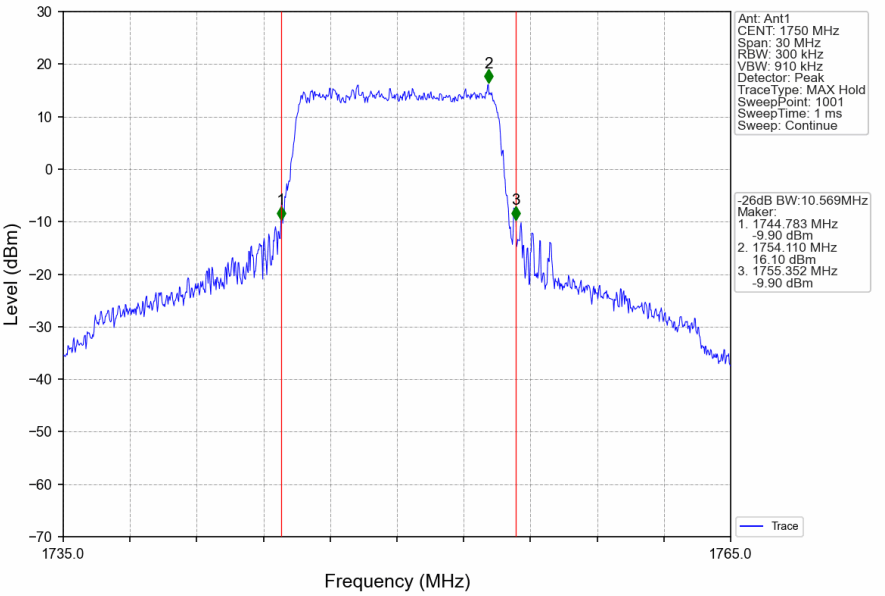
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



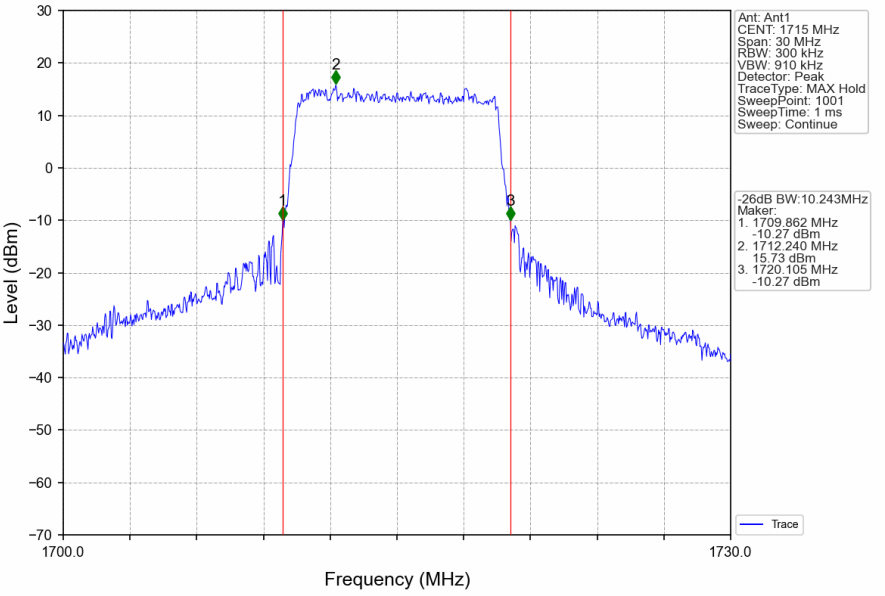
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



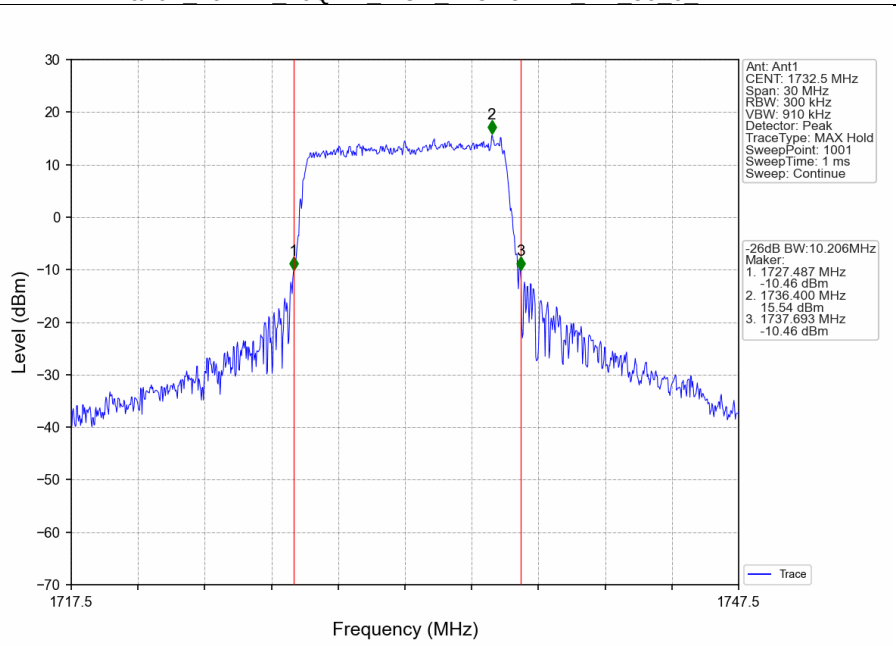
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



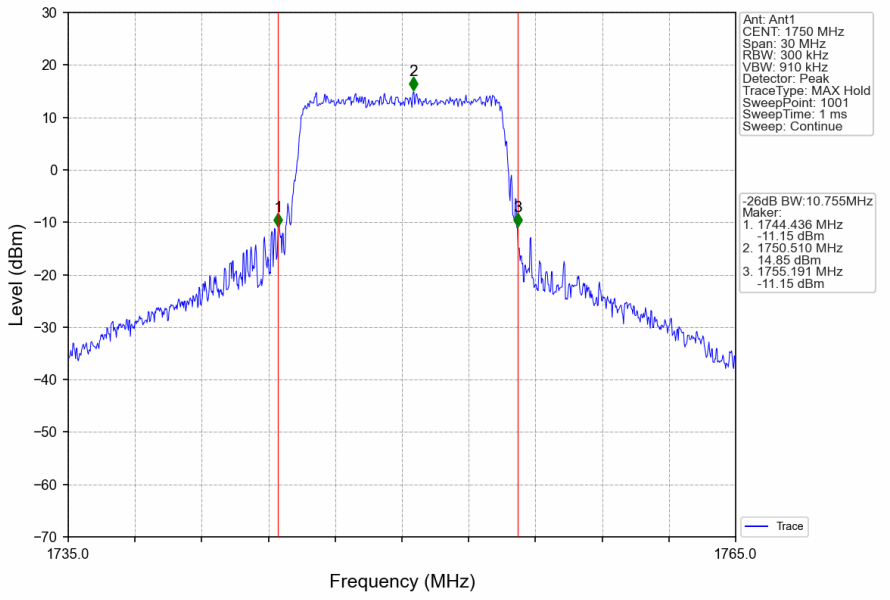
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



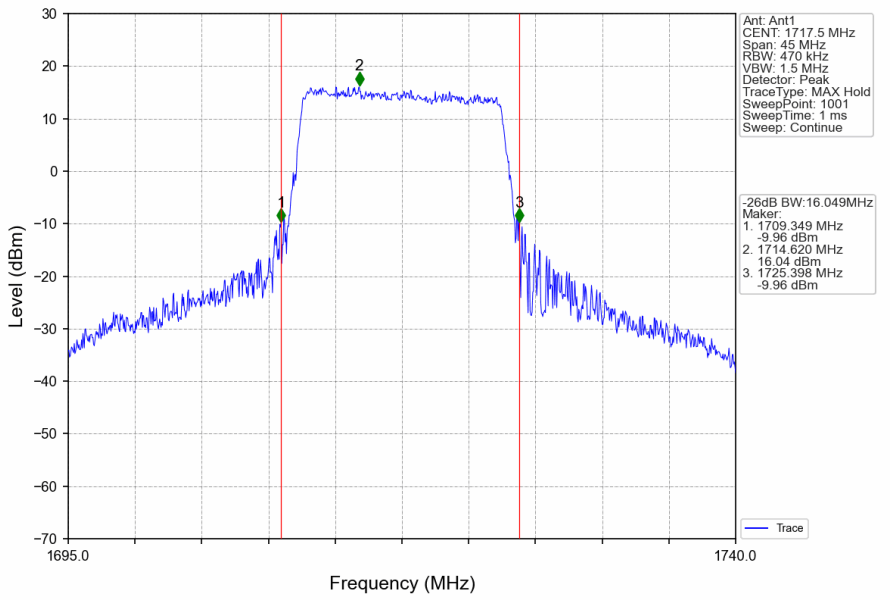
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



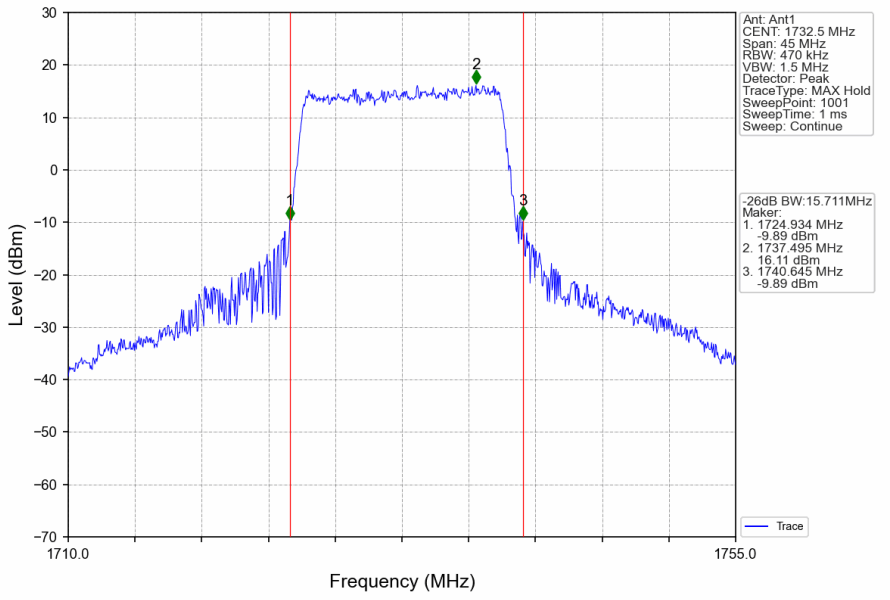
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



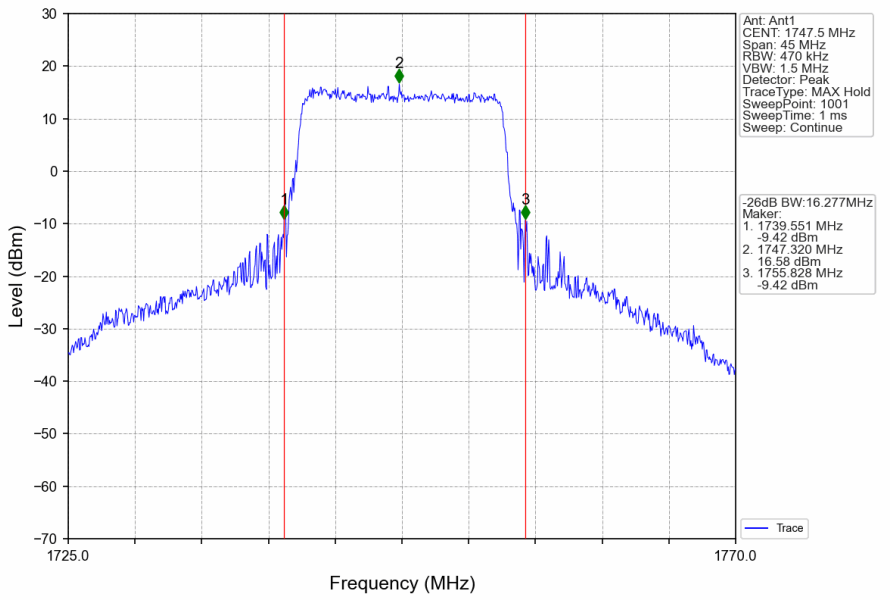
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



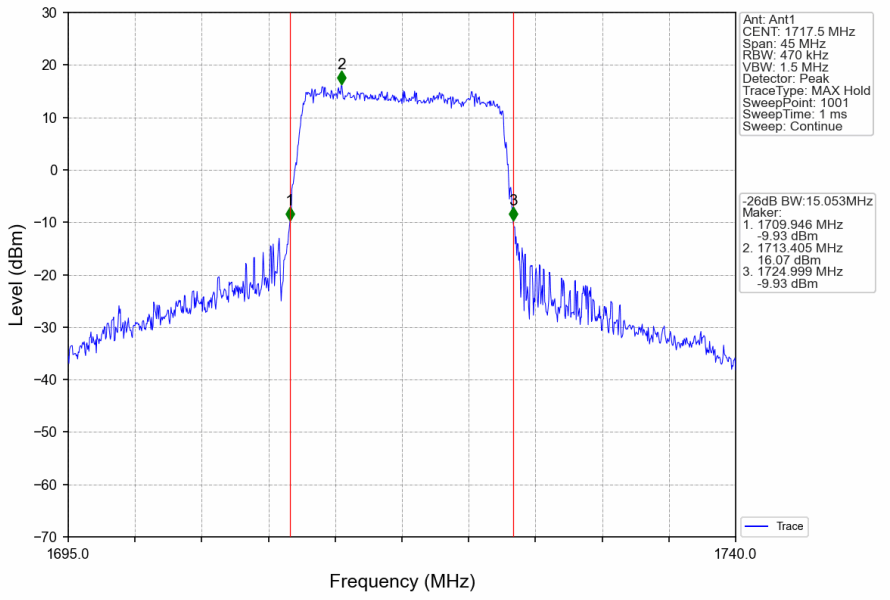
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



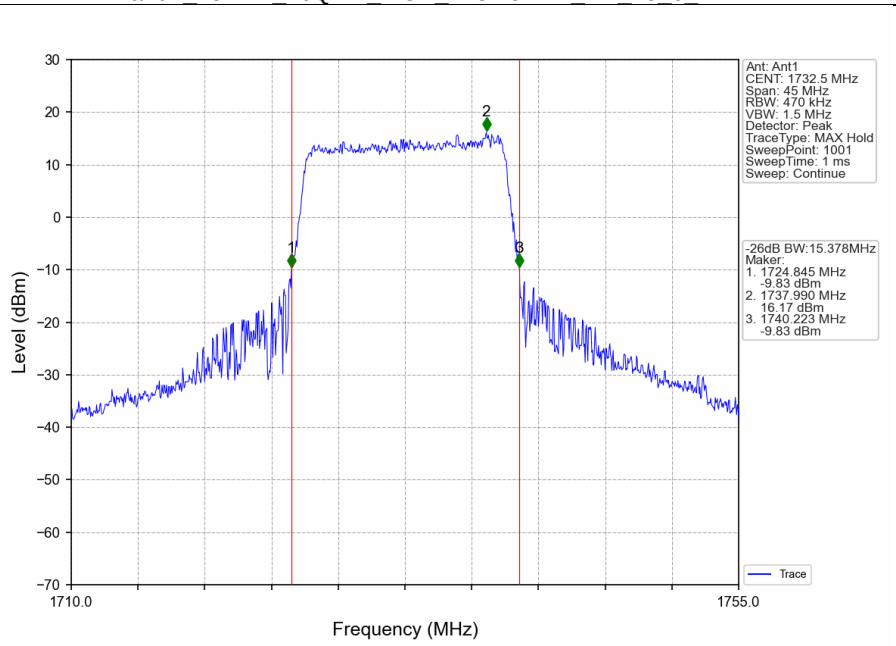
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



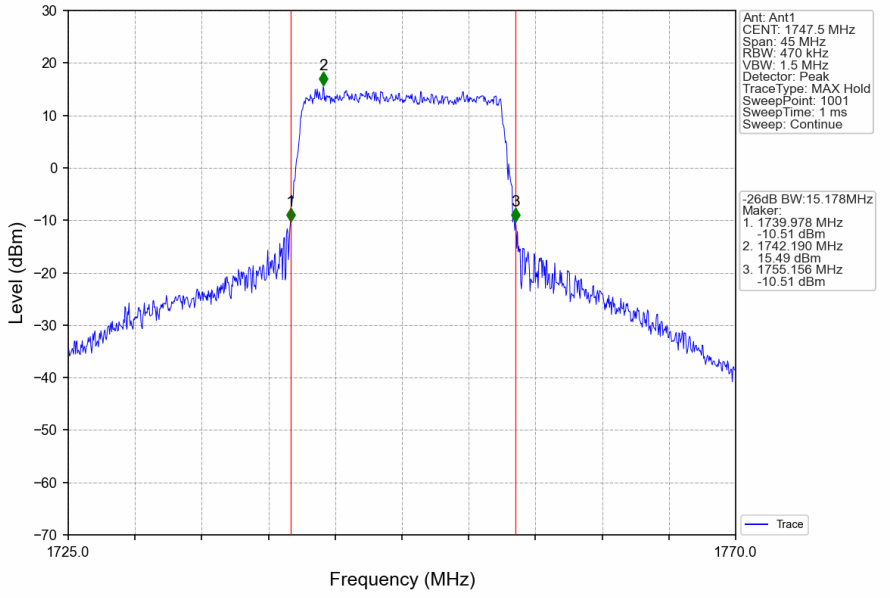
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



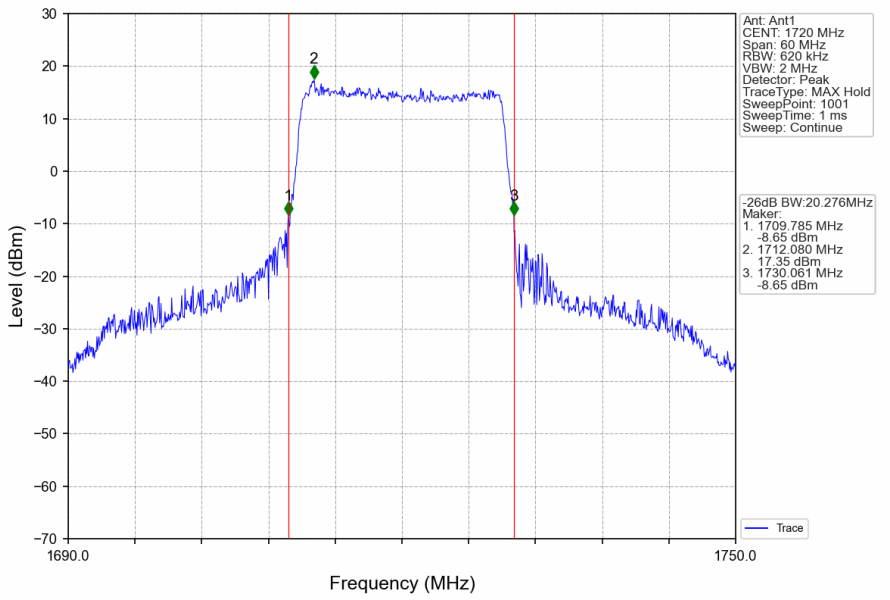
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



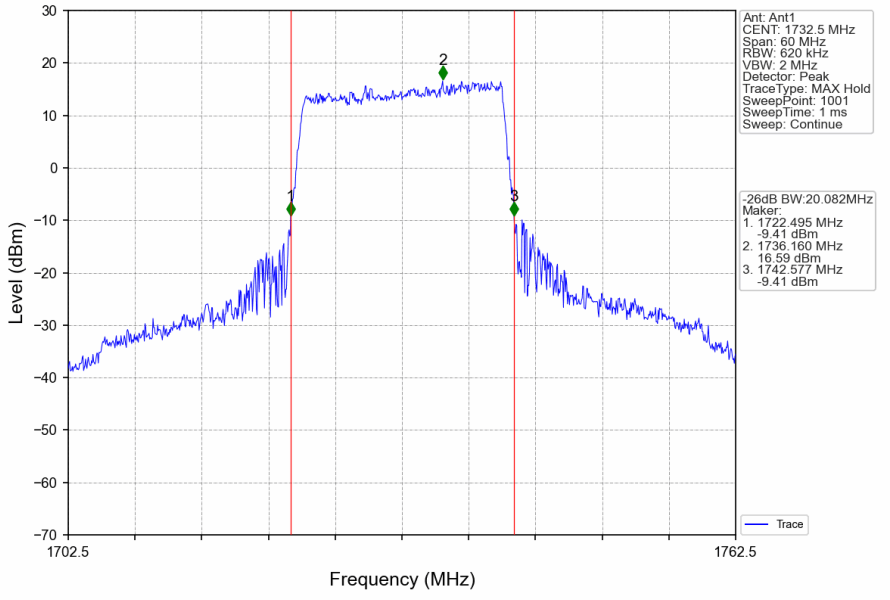
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



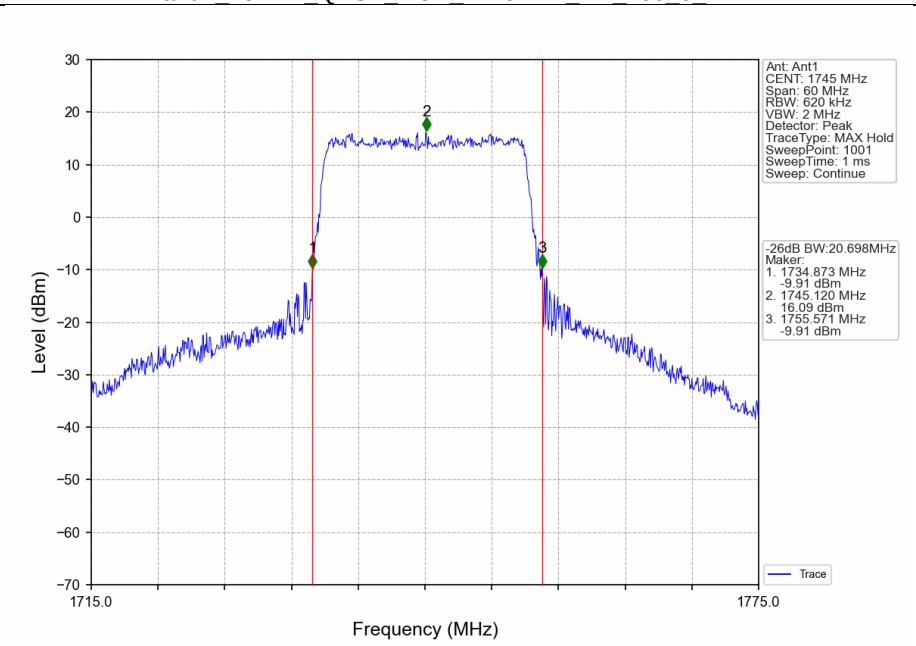
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



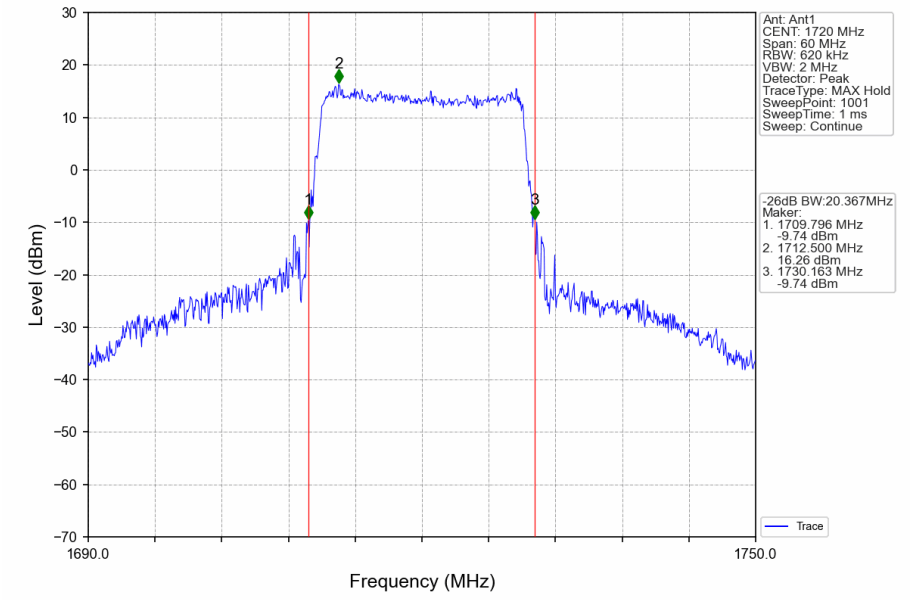
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



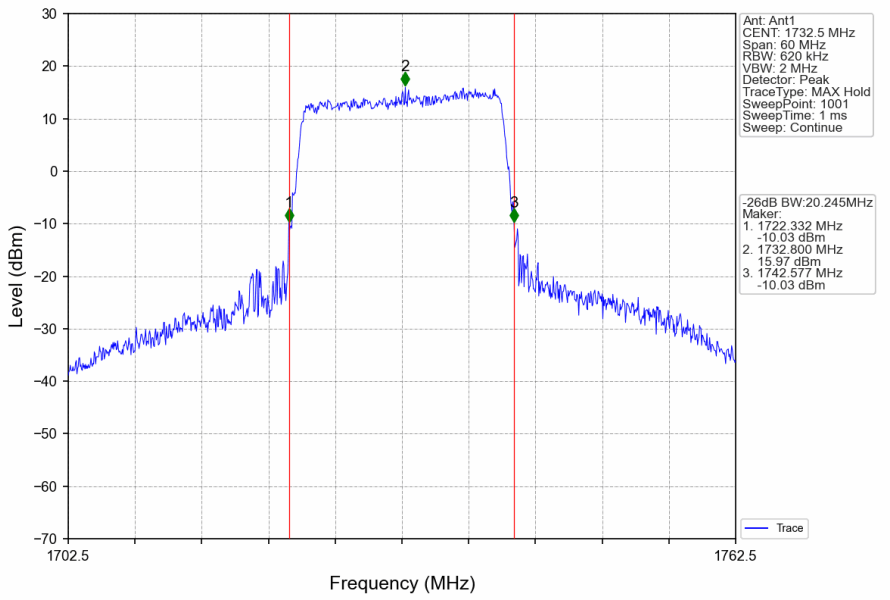
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



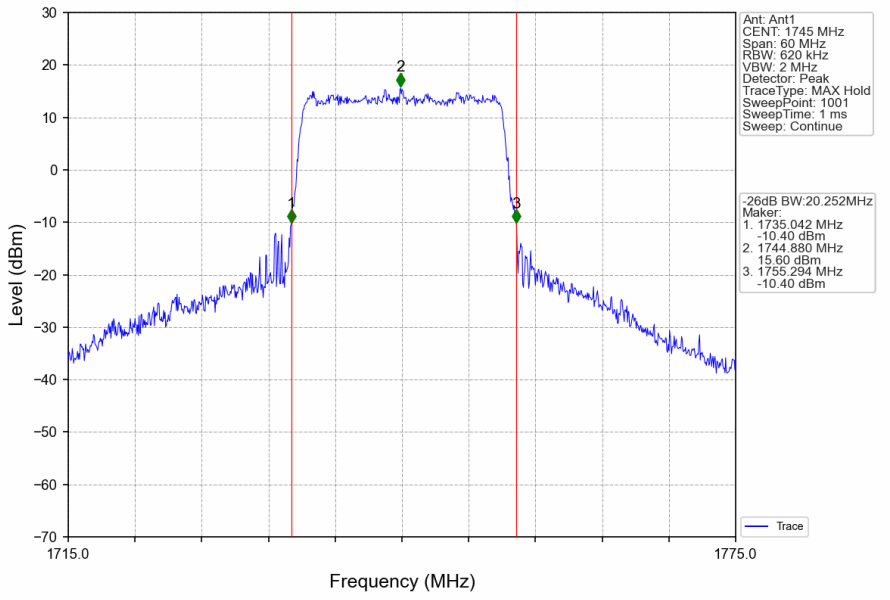
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



4. Peak-Average Ratio

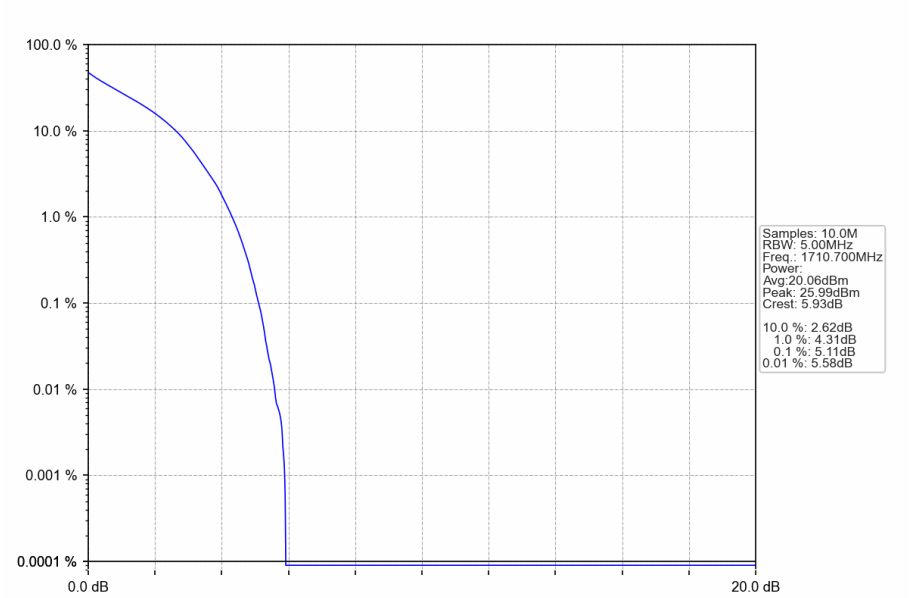
4.1 B4_1.4MHz

4.1.1 Test Result

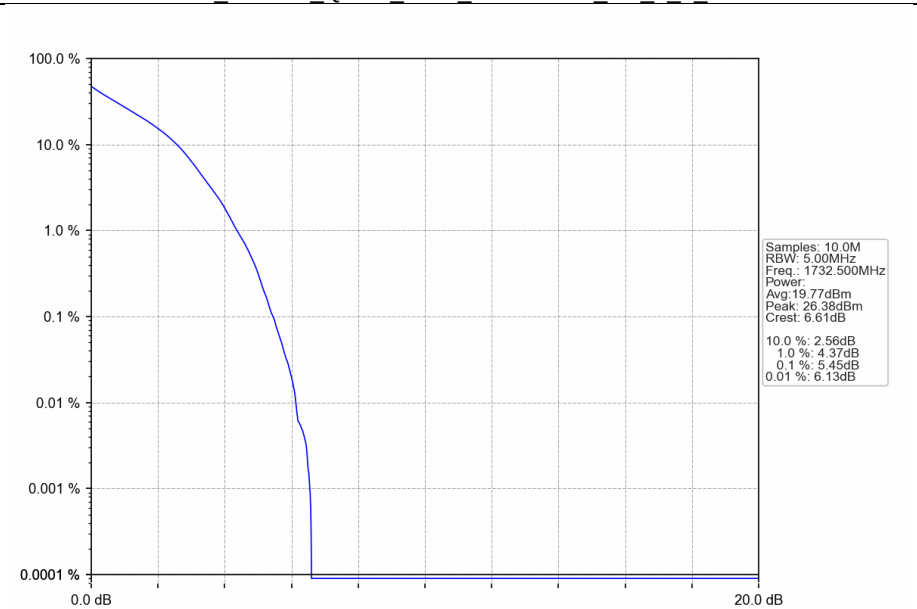
Band: 4 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	5.11	<=13	Pass
	1732.5	6	0	5.45	<=13	Pass
	1754.3	6	0	4.76	<=13	Pass
16QAM	1710.7	6	0	5.91	<=13	Pass
	1732.5	6	0	6.28	<=13	Pass
	1754.3	6	0	5.58	<=13	Pass

4.1.2 Test Graph

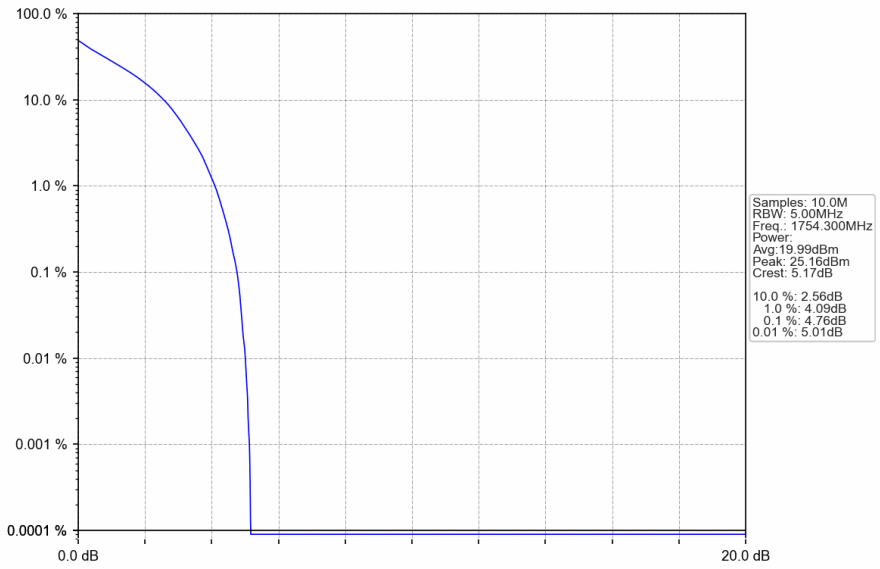
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



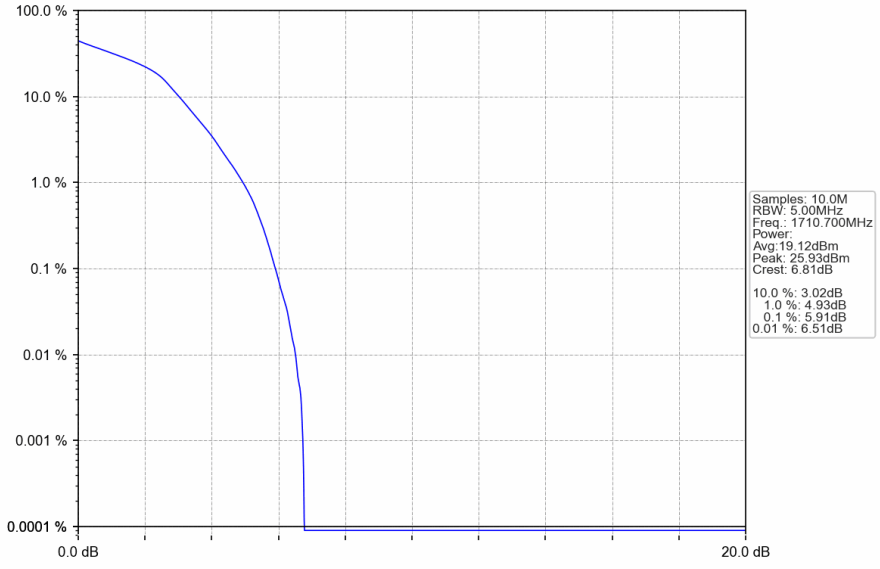
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



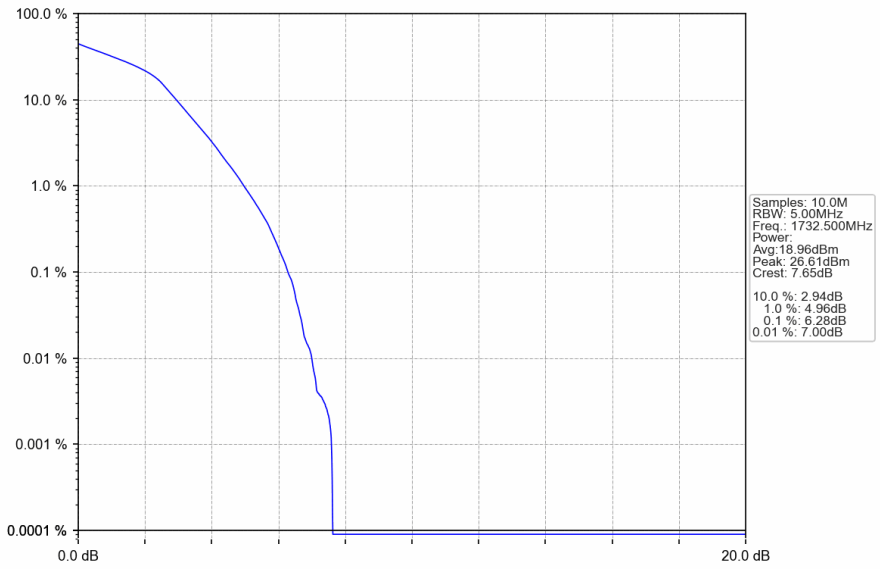
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV