1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B4_1.4MHz_EIRP

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	21.14	-2.55	18.59	<=30	Pass
			2	21.10	-2.55	18.55	<=30	Pass
			5	21.09	-2.55	18.54	<=30	Pass
		3	0	21.10	-2.55	18.55	<=30	Pass
			2	21.12	-2.55	18.57	<=30	Pass
			3	21.11	-2.55	18.56	<=30	Pass
		6	0	21.13	-2.55	18.58	<=30	Pass
	1732.5	1	0	21.33	-2.55	18.78	<=30	Pass
			2	21.36	-2.55	18.81	<=30	Pass
			5	21.29	-2.55	18.74	<=30	Pass
		3	0	21.24	-2.55	18.69	<=30	Pass
			2	21.27	-2.55	18.72	<=30	Pass
			3	21.22	-2.55	18.67	<=30	Pass
		6	0	21.24	-2.55	18.69	<=30	Pass
	1754.3	1	0	21.57	-2.55	19.02	<=30	Pass
			2	21.57	-2.55	19.02	<=30	Pass
			5	21.60	-2.55	19.05	<=30	Pass
		3	0	21.57	-2.55	19.02	<=30	Pass
			2	21.57	-2.55	19.02	<=30	Pass
			3	21.57	-2.55	19.02	<=30	Pass
		6	0	21.58	-2.55	19.03	<=30	Pass
16QAM	1710.7	1	0	21.16	-2.55	18.61	<=30	Pass
			2	21.13	-2.55	18.58	<=30	Pass
			5	21.02	-2.55	18.47	<=30	Pass
		3	0	20.86	-2.55	18.31	<=30	Pass
			2	20.77	-2.55	18.22	<=30	Pass
			3	20.70	-2.55	18.15	<=30	Pass
		6	0	20.66	-2.55	18.11	<=30	Pass
	1732.5	1	0	21.27	-2.55	18.72	<=30	Pass
			2	21.24	-2.55	18.69	<=30	Pass
			5	21.22	-2.55	18.67	<=30	Pass
		3	0	21.22	-2.55	18.67	<=30	Pass
			2	21.24	-2.55	18.69	<=30	Pass
			3	21.25	-2.55	18.70	<=30	Pass
		6	0	21.23	-2.55	18.68	<=30	Pass
	1754.3	1	0	21.59	-2.55	19.04	<=30	Pass
			2	21.56	-2.55	19.01	<=30	Pass
			5	21.57	-2.55	19.02	<=30	Pass
		3	0	21.55	-2.55	19.00	<=30	Pass
			2	21.57	-2.55	19.02	<=30	Pass
			3	21.55	-2.55	19.00	<=30	Pass
		6	0	21.58	-2.55	19.03	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.2 B4_3MHz_EIRP

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	21.85	-2.55	19.30	<=30	Pass
			7	21.93	-2.55	19.38	<=30	Pass
			14	21.41	-2.55	18.86	<=30	Pass
		8	0	20.59	-2.55	18.04	<=30	Pass
			4	20.63	-2.55	18.08	<=30	Pass
			7	20.59	-2.55	18.04	<=30	Pass
		15	0	20.58	-2.55	18.03	<=30	Pass
	1732.5	1	0	21.88	-2.55	19.33	<=30	Pass
			7	22.09	-2.55	19.54	<=30	Pass
			14	21.97	-2.55	19.42	<=30	Pass
		8	0	21.14	-2.55	18.59	<=30	Pass
			4	21.19	-2.55	18.64	<=30	Pass
			7	21.17	-2.55	18.62	<=30	Pass
		15	0	21.09	-2.55	18.54	<=30	Pass
	1753.5	1	0	22.25	-2.55	19.70	<=30	Pass
			7	22.45	-2.55	19.90	<=30	Pass
			14	22.30	-2.55	19.75	<=30	Pass
		8	0	21.58	-2.55	19.03	<=30	Pass
			4	21.58	-2.55	19.03	<=30	Pass
			7	21.52	-2.55	18.97	<=30	Pass
		15	0	21.53	-2.55	18.98	<=30	Pass
16QAM	1711.5	1	0	20.85	-2.55	18.30	<=30	Pass
			7	21.05	-2.55	18.50	<=30	Pass
			14	20.86	-2.55	18.31	<=30	Pass
		8	0	19.78	-2.55	17.23	<=30	Pass
			4	19.81	-2.55	17.26	<=30	Pass
			7	19.75	-2.55	17.20	<=30	Pass
		15	0	19.70	-2.55	17.15	<=30	Pass
	1732.5	1	0	20.89	-2.55	18.34	<=30	Pass
			7	21.10	-2.55	18.55	<=30	Pass
			14	21.00	-2.55	18.45	<=30	Pass
		8	0	20.23	-2.55	17.68	<=30	Pass
			4	20.31	-2.55	17.76	<=30	Pass
			7	20.22	-2.55	17.67	<=30	Pass
		15	0	20.21	-2.55	17.66	<=30	Pass
	1753.5	1	0	21.46	-2.55	18.91	<=30	Pass
			7	21.61	-2.55	19.06	<=30	Pass
			14	21.55	-2.55	19.00	<=30	Pass
		8	0	20.55	-2.55	18.00	<=30	Pass
			4	20.60	-2.55	18.05	<=30	Pass
			7	20.67	-2.55	18.12	<=30	Pass
		15	0	20.77	-2.55	18.22	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B4_5MHz_EIRP

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	21.12	-2.55	18.57	<=30	Pass
			13	21.16	-2.55	18.61	<=30	Pass
			24	21.14	-2.55	18.59	<=30	Pass
		12	0	21.15	-2.55	18.60	<=30	Pass
			6	21.14	-2.55	18.59	<=30	Pass

			13	21.06	-2.55	18.51	<=30	Pass
		25	0	20.77	-2.55	18.22	<=30	Pass
	1732.5	1	0	21.23	-2.55	18.68	<=30	Pass
			13	21.24	-2.55	18.69	<=30	Pass
			24	21.23	-2.55	18.68	<=30	Pass
		12	0	21.26	-2.55	18.71	<=30	Pass
			6	21.25	-2.55	18.70	<=30	Pass
			13	21.24	-2.55	18.69	<=30	Pass
		25	0	21.24	-2.55	18.69	<=30	Pass
	1752.5	1	0	21.55	-2.55	19.00	<=30	Pass
			13	21.54	-2.55	18.99	<=30	Pass
			24	21.55	-2.55	19.00	<=30	Pass
		12	0	21.56	-2.55	19.01	<=30	Pass
			6	21.55	-2.55	19.00	<=30	Pass
			13	21.55	-2.55	19.00	<=30	Pass
		25	0	21.50	-2.55	18.95	<=30	Pass
16QAM	1712.5	1	0	20.70	-2.55	18.15	<=30	Pass
			13	20.65	-2.55	18.10	<=30	Pass
			24	20.69	-2.55	18.14	<=30	Pass
		12	0	20.70	-2.55	18.15	<=30	Pass
			6	20.66	-2.55	18.11	<=30	Pass
			13	20.64	-2.55	18.09	<=30	Pass
		25	0	20.67	-2.55	18.12	<=30	Pass
	1732.5	1	0	21.25	-2.55	18.70	<=30	Pass
			13	21.23	-2.55	18.68	<=30	Pass
			24	21.25	-2.55	18.70	<=30	Pass
		12	0	21.23	-2.55	18.68	<=30	Pass
			6	21.23	-2.55	18.68	<=30	Pass
			13	21.24	-2.55	18.69	<=30	Pass
		25	0	21.21	-2.55	18.66	<=30	Pass
	1752.5	1	0	21.53	-2.55	18.98	<=30	Pass
			13	21.53	-2.55	18.98	<=30	Pass
			24	21.54	-2.55	18.99	<=30	Pass
		12	0	21.53	-2.55	18.98	<=30	Pass
			6	21.53	-2.55	18.98	<=30	Pass
			13	21.51	-2.55	18.96	<=30	Pass
		25	0	21.57	-2.55	19.02	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.4 B4_10MHz_EIRP

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	22.17	-2.55	19.62	<=30	Pass
			25	21.85	-2.55	19.30	<=30	Pass
			49	21.94	-2.55	19.39	<=30	Pass
		25	0	20.66	-2.55	18.11	<=30	Pass
			13	20.80	-2.55	18.25	<=30	Pass
			25	20.81	-2.55	18.26	<=30	Pass
		50	0	20.75	-2.55	18.20	<=30	Pass
	1732.5	1	0	22.08	-2.55	19.53	<=30	Pass
			25	22.26	-2.55	19.71	<=30	Pass
			49	22.31	-2.55	19.76	<=30	Pass
		25	0	21.08	-2.55	18.53	<=30	Pass
			13	21.26	-2.55	18.71	<=30	Pass
			25	21.28	-2.55	18.73	<=30	Pass

		50	0	21.23	-2.55	18.68	<=30	Pass
	1750	1	0	22.45	-2.55	19.90	<=30	Pass
			25	22.56	-2.55	20.01	<=30	Pass
			49	22.57	-2.55	20.02	<=30	Pass
		25	0	21.41	-2.55	18.86	<=30	Pass
			13	21.52	-2.55	18.97	<=30	Pass
			25	21.52	-2.55	18.97	<=30	Pass
		50	0	21.50	-2.55	18.95	<=30	Pass
16QAM	1715	1	0	20.65	-2.55	18.10	<=30	Pass
			25	20.84	-2.55	18.29	<=30	Pass
			49	20.97	-2.55	18.42	<=30	Pass
		25	0	19.79	-2.55	17.24	<=30	Pass
			13	19.94	-2.55	17.39	<=30	Pass
			25	19.95	-2.55	17.40	<=30	Pass
		50	0	19.81	-2.55	17.26	<=30	Pass
	1732.5	1	0	21.30	-2.55	18.75	<=30	Pass
			25	21.49	-2.55	18.94	<=30	Pass
			49	21.52	-2.55	18.97	<=30	Pass
		25	0	20.15	-2.55	17.60	<=30	Pass
			13	20.37	-2.55	17.82	<=30	Pass
			25	20.36	-2.55	17.81	<=30	Pass
		50	0	20.32	-2.55	17.77	<=30	Pass
	1750	1	0	22.00	-2.55	19.45	<=30	Pass
			25	22.08	-2.55	19.53	<=30	Pass
			49	22.10	-2.55	19.55	<=30	Pass
		25	0	20.57	-2.55	18.02	<=30	Pass
			13	20.67	-2.55	18.12	<=30	Pass
			25	20.66	-2.55	18.11	<=30	Pass
		50	0	20.78	-2.55	18.23	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.5 B4_15MHz_EIRP

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	21.37	-2.55	18.82	<=30	Pass
			38	21.38	-2.55	18.83	<=30	Pass
			74	21.42	-2.55	18.87	<=30	Pass
		36	0	21.21	-2.55	18.66	<=30	Pass
			18	20.97	-2.55	18.42	<=30	Pass
			39	20.87	-2.55	18.32	<=30	Pass
		75	0	20.88	-2.55	18.33	<=30	Pass
	1732.5	1	0	21.26	-2.55	18.71	<=30	Pass
			38	21.23	-2.55	18.68	<=30	Pass
			74	21.22	-2.55	18.67	<=30	Pass
		36	0	21.27	-2.55	18.72	<=30	Pass
			18	21.28	-2.55	18.73	<=30	Pass
			39	21.26	-2.55	18.71	<=30	Pass
		75	0	21.21	-2.55	18.66	<=30	Pass
	1747.5	1	0	21.48	-2.55	18.93	<=30	Pass
			38	21.53	-2.55	18.98	<=30	Pass
			74	21.48	-2.55	18.93	<=30	Pass
		36	0	21.47	-2.55	18.92	<=30	Pass
			18	21.50	-2.55	18.95	<=30	Pass
			39	21.50	-2.55	18.95	<=30	Pass
		75	0	21.49	-2.55	18.94	<=30	Pass

16QAM	1717.5	1	0	20.93	-2.55	18.38	<=30	Pass
			38	20.82	-2.55	18.27	<=30	Pass
			74	20.87	-2.55	18.32	<=30	Pass
		36	0	20.86	-2.55	18.31	<=30	Pass
			18	20.85	-2.55	18.30	<=30	Pass
			39	20.92	-2.55	18.37	<=30	Pass
		75	0	20.88	-2.55	18.33	<=30	Pass
	1732.5	1	0	21.29	-2.55	18.74	<=30	Pass
			38	21.27	-2.55	18.72	<=30	Pass
			74	21.24	-2.55	18.69	<=30	Pass
		36	0	21.24	-2.55	18.69	<=30	Pass
			18	21.25	-2.55	18.70	<=30	Pass
			39	21.24	-2.55	18.69	<=30	Pass
		75	0	21.24	-2.55	18.69	<=30	Pass
	1747.5	1	0	21.50	-2.55	18.95	<=30	Pass
			38	21.49	-2.55	18.94	<=30	Pass
			74	21.48	-2.55	18.93	<=30	Pass
		36	0	21.46	-2.55	18.91	<=30	Pass
			18	21.49	-2.55	18.94	<=30	Pass
			39	21.51	-2.55	18.96	<=30	Pass
		75	0	21.48	-2.55	18.93	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.6 B4_20MHz_EIRP

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	21.94	-2.55	19.39	<=30	Pass
			50	22.02	-2.55	19.47	<=30	Pass
			99	22.05	-2.55	19.50	<=30	Pass
		50	0	20.75	-2.55	18.20	<=30	Pass
			25	20.97	-2.55	18.42	<=30	Pass
			50	21.05	-2.55	18.50	<=30	Pass
		100	0	20.91	-2.55	18.36	<=30	Pass
	1732.5	1	0	22.33	-2.55	19.78	<=30	Pass
			50	22.33	-2.55	19.78	<=30	Pass
			99	22.29	-2.55	19.74	<=30	Pass
		50	0	21.02	-2.55	18.47	<=30	Pass
			25	21.32	-2.55	18.77	<=30	Pass
			50	21.39	-2.55	18.84	<=30	Pass
		100	0	21.22	-2.55	18.67	<=30	Pass
	1745	1	0	22.65	-2.55	20.10	<=30	Pass
			50	22.50	-2.55	19.95	<=30	Pass
			99	22.44	-2.55	19.89	<=30	Pass
		50	0	21.33	-2.55	18.78	<=30	Pass
			25	21.50	-2.55	18.95	<=30	Pass
			50	21.52	-2.55	18.97	<=30	Pass
		100	0	21.39	-2.55	18.84	<=30	Pass
16QAM	1720	1	0	21.44	-2.55	18.89	<=30	Pass
			50	21.49	-2.55	18.94	<=30	Pass
			99	21.53	-2.55	18.98	<=30	Pass
		50	0	19.82	-2.55	17.27	<=30	Pass
			25	19.98	-2.55	17.43	<=30	Pass
			50	20.12	-2.55	17.57	<=30	Pass
		100	0	19.97	-2.55	17.42	<=30	Pass
	1732.5	1	0	21.54	-2.55	18.99	<=30	Pass

			50	21.53	-2.55	18.98	<=30	Pass
			99	21.46	-2.55	18.91	<=30	Pass
		50	0	20.10	-2.55	17.55	<=30	Pass
			25	20.35	-2.55	17.80	<=30	Pass
			50	20.42	-2.55	17.87	<=30	Pass
		100	0	20.27	-2.55	17.72	<=30	Pass
	1745	1	0	21.87	-2.55	19.32	<=30	Pass
			50	21.77	-2.55	19.22	<=30	Pass
			99	21.73	-2.55	19.18	<=30	Pass
		50	0	20.36	-2.55	17.81	<=30	Pass
			25	20.53	-2.55	17.98	<=30	Pass
			50	20.53	-2.55	17.98	<=30	Pass
		100	0	20.44	-2.55	17.89	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 Test Result

2.1.1 B4_1.4MHz

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	3.27	-8.283	-0.0048	-2.5 to 2.5	Pass
					3.85	-13.533	-0.0079	-2.5 to 2.5	Pass
					4.43	-14.963	-0.0087	-2.5 to 2.5	Pass
				-30	3.85	-9.756	-0.0057	-2.5 to 2.5	Pass
				-20	3.85	1.202	0.0007	-2.5 to 2.5	Pass
				-10	3.85	-5.951	-0.0035	-2.5 to 2.5	Pass
				0	3.85	-2.990	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-9.971	-0.0058	-2.5 to 2.5	Pass
				30	3.85	-3.076	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-5.164	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-11.487	-0.0067	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	-1.531	-0.0009	-2.5 to 2.5	Pass
					3.85	0.100	0.0001	-2.5 to 2.5	Pass
					4.43	2.775	0.0016	-2.5 to 2.5	Pass
				-30	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				-20	3.85	1.731	0.0010	-2.5 to 2.5	Pass
				-10	3.85	-0.730	-0.0004	-2.5 to 2.5	Pass
				0	3.85	5.693	0.0033	-2.5 to 2.5	Pass
				10	3.85	-5.121	-0.0030	-2.5 to 2.5	Pass
				30	3.85	-5.035	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-1.044	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-6.351	-0.0037	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-3.519	-0.0020	-2.5 to 2.5	Pass
					3.85	6.566	0.0037	-2.5 to 2.5	Pass
					4.43	-6.065	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	-3.448	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	11.230	0.0064	-2.5 to 2.5	Pass
				-10	3.85	-11.716	-0.0067	-2.5 to 2.5	Pass
				0	3.85	4.506	0.0026	-2.5 to 2.5	Pass
				10	3.85	-0.243	-0.0001	-2.5 to 2.5	Pass
				30	3.85	0.200	0.0001	-2.5 to 2.5	Pass
				40	3.85	10.114	0.0058	-2.5 to 2.5	Pass

				50	3.85	-5.307	-0.0030	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.27	-11.415	-0.0067	-2.5 to 2.5	Pass
					3.85	2.947	0.0017	-2.5 to 2.5	Pass
					4.43	5.622	0.0033	-2.5 to 2.5	Pass
				-30	3.85	1.774	0.0010	-2.5 to 2.5	Pass
				-20	3.85	-5.665	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-5.007	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-14.691	-0.0086	-2.5 to 2.5	Pass
				10	3.85	3.161	0.0018	-2.5 to 2.5	Pass
				30	3.85	0.572	0.0003	-2.5 to 2.5	Pass
				40	3.85	2.904	0.0017	-2.5 to 2.5	Pass
				50	3.85	-1.345	-0.0008	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	1.416	0.0008	-2.5 to 2.5	Pass
					3.85	-7.596	-0.0044	-2.5 to 2.5	Pass
					4.43	-3.376	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-13.232	-0.0076	-2.5 to 2.5	Pass
				-20	3.85	-2.432	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	0.401	0.0002	-2.5 to 2.5	Pass
				0	3.85	1.731	0.0010	-2.5 to 2.5	Pass
				10	3.85	4.935	0.0028	-2.5 to 2.5	Pass
				30	3.85	8.340	0.0048	-2.5 to 2.5	Pass
				40	3.85	-2.432	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-3.004	-0.0017	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-0.973	-0.0006	-2.5 to 2.5	Pass
					3.85	0.429	0.0002	-2.5 to 2.5	Pass
					4.43	-9.212	-0.0053	-2.5 to 2.5	Pass
				-30	3.85	1.903	0.0011	-2.5 to 2.5	Pass
				-20	3.85	-6.523	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	-14.305	-0.0082	-2.5 to 2.5	Pass
				0	3.85	-0.787	-0.0004	-2.5 to 2.5	Pass
				10	3.85	1.445	0.0008	-2.5 to 2.5	Pass
				30	3.85	-7.725	-0.0044	-2.5 to 2.5	Pass
				40	3.85	2.246	0.0013	-2.5 to 2.5	Pass
				50	3.85	-2.246	-0.0013	-2.5 to 2.5	Pass

2.1.2 B4_3MHz

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	3.27	-8.841	-0.0052	-2.5 to 2.5	Pass
					3.85	-7.825	-0.0046	-2.5 to 2.5	Pass
					4.43	-10.800	-0.0063	-2.5 to 2.5	Pass
				-30	3.85	-0.486	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-9.842	-0.0058	-2.5 to 2.5	Pass
				-10	3.85	-15.492	-0.0091	-2.5 to 2.5	Pass
				0	3.85	-7.911	-0.0046	-2.5 to 2.5	Pass
				10	3.85	-9.084	-0.0053	-2.5 to 2.5	Pass
				30	3.85	-4.978	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-1.645	-0.0010	-2.5 to 2.5	Pass
				50	3.85	1.831	0.0011	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	-2.704	-0.0016	-2.5 to 2.5	Pass
					3.85	0.644	0.0004	-2.5 to 2.5	Pass
					4.43	-3.033	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-2.003	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-10.829	-0.0063	-2.5 to 2.5	Pass
				-10	3.85	-12.331	-0.0071	-2.5 to 2.5	Pass

				0	3.85	2.060	0.0012	-2.5 to 2.5	Pass
				10	3.85	-3.791	-0.0022	-2.5 to 2.5	Pass
				30	3.85	12.045	0.0070	-2.5 to 2.5	Pass
				40	3.85	6.094	0.0035	-2.5 to 2.5	Pass
				50	3.85	-9.356	-0.0054	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	-0.529	-0.0003	-2.5 to 2.5	Pass
					3.85	0.329	0.0002	-2.5 to 2.5	Pass
					4.43	8.512	0.0049	-2.5 to 2.5	Pass
				-30	3.85	7.381	0.0042	-2.5 to 2.5	Pass
				-20	3.85	1.745	0.0010	-2.5 to 2.5	Pass
				-10	3.85	2.689	0.0015	-2.5 to 2.5	Pass
				0	3.85	-2.432	-0.0014	-2.5 to 2.5	Pass
				10	3.85	1.402	0.0008	-2.5 to 2.5	Pass
				30	3.85	8.912	0.0051	-2.5 to 2.5	Pass
				40	3.85	-0.057	0.0000	-2.5 to 2.5	Pass
				50	3.85	-10.386	-0.0059	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	-6.881	-0.0040	-2.5 to 2.5	Pass
					3.85	5.336	0.0031	-2.5 to 2.5	Pass
					4.43	3.033	0.0018	-2.5 to 2.5	Pass
				-30	3.85	-0.343	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	1.760	0.0010	-2.5 to 2.5	Pass
				-10	3.85	5.379	0.0031	-2.5 to 2.5	Pass
				0	3.85	-1.502	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-4.549	-0.0027	-2.5 to 2.5	Pass
				30	3.85	1.531	0.0009	-2.5 to 2.5	Pass
				40	3.85	-11.301	-0.0066	-2.5 to 2.5	Pass
				50	3.85	-1.817	-0.0011	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	9.055	0.0052	-2.5 to 2.5	Pass
					3.85	1.960	0.0011	-2.5 to 2.5	Pass
					4.43	0.558	0.0003	-2.5 to 2.5	Pass
				-30	3.85	8.454	0.0049	-2.5 to 2.5	Pass
				-20	3.85	2.232	0.0013	-2.5 to 2.5	Pass
				-10	3.85	-6.967	-0.0040	-2.5 to 2.5	Pass
				0	3.85	-12.259	-0.0071	-2.5 to 2.5	Pass
				10	3.85	-3.748	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-2.146	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-9.441	-0.0054	-2.5 to 2.5	Pass
				50	3.85	0.930	0.0005	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	-11.258	-0.0064	-2.5 to 2.5	Pass
					3.85	-5.937	-0.0034	-2.5 to 2.5	Pass
					4.43	-10.014	-0.0057	-2.5 to 2.5	Pass
				-30	3.85	-0.830	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-8.626	-0.0049	-2.5 to 2.5	Pass
				-10	3.85	3.462	0.0020	-2.5 to 2.5	Pass
				0	3.85	5.765	0.0033	-2.5 to 2.5	Pass
				10	3.85	0.272	0.0002	-2.5 to 2.5	Pass
				30	3.85	-9.398	-0.0054	-2.5 to 2.5	Pass
				40	3.85	-8.869	-0.0051	-2.5 to 2.5	Pass
				50	3.85	6.723	0.0038	-2.5 to 2.5	Pass

2.1.3 B4_5MHz

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	3.27	-10.099	-0.0059	-2.5 to 2.5	Pass
					3.85	-8.969	-0.0052	-2.5 to 2.5	Pass

					4.43	-3.376	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-0.629	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-1.059	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	3.448	0.0020	-2.5 to 2.5	Pass
				0	3.85	1.645	0.0010	-2.5 to 2.5	Pass
				10	3.85	2.060	0.0012	-2.5 to 2.5	Pass
				30	3.85	-3.061	-0.0018	-2.5 to 2.5	Pass
				40	3.85	1.202	0.0007	-2.5 to 2.5	Pass
				50	3.85	-2.789	-0.0016	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	-1.845	-0.0011	-2.5 to 2.5	Pass
					3.85	-1.574	-0.0009	-2.5 to 2.5	Pass
					4.43	-4.234	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	4.849	0.0028	-2.5 to 2.5	Pass
				-20	3.85	-2.575	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-8.039	-0.0046	-2.5 to 2.5	Pass
				0	3.85	-1.802	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-7.811	-0.0045	-2.5 to 2.5	Pass
				30	3.85	-0.744	-0.0004	-2.5 to 2.5	Pass
				40	3.85	0.443	0.0003	-2.5 to 2.5	Pass
				50	3.85	-2.689	-0.0016	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-0.730	-0.0004	-2.5 to 2.5	Pass
					3.85	-1.616	-0.0009	-2.5 to 2.5	Pass
					4.43	0.257	0.0001	-2.5 to 2.5	Pass
				-30	3.85	0.172	0.0001	-2.5 to 2.5	Pass
				-20	3.85	5.779	0.0033	-2.5 to 2.5	Pass
				-10	3.85	2.747	0.0016	-2.5 to 2.5	Pass
				0	3.85	-1.030	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-3.748	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-2.046	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-5.364	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-7.195	-0.0041	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	0.257	0.0002	-2.5 to 2.5	Pass
					3.85	0.057	0.0000	-2.5 to 2.5	Pass
					4.43	-1.316	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-1.974	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	3.104	0.0018	-2.5 to 2.5	Pass
				-10	3.85	4.106	0.0024	-2.5 to 2.5	Pass
				0	3.85	-9.484	-0.0055	-2.5 to 2.5	Pass
				10	3.85	-3.405	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-5.364	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-2.861	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-2.675	-0.0016	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	-2.475	-0.0014	-2.5 to 2.5	Pass
					3.85	-3.519	-0.0020	-2.5 to 2.5	Pass
					4.43	-1.373	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-12.417	-0.0072	-2.5 to 2.5	Pass
				-20	3.85	-4.663	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	1.903	0.0011	-2.5 to 2.5	Pass
				0	3.85	-3.104	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-0.329	-0.0002	-2.5 to 2.5	Pass
				30	3.85	3.290	0.0019	-2.5 to 2.5	Pass
				40	3.85	-9.341	-0.0054	-2.5 to 2.5	Pass
				50	3.85	-8.283	-0.0048	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-5.622	-0.0032	-2.5 to 2.5	Pass
					3.85	5.021	0.0029	-2.5 to 2.5	Pass
					4.43	-9.484	-0.0054	-2.5 to 2.5	Pass
				-30	3.85	-2.789	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	4.048	0.0023	-2.5 to 2.5	Pass

				-10	3.85	-1.616	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-1.416	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-0.958	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-2.961	-0.0017	-2.5 to 2.5	Pass
				40	3.85	2.332	0.0013	-2.5 to 2.5	Pass
				50	3.85	-1.216	-0.0007	-2.5 to 2.5	Pass

2.1.4 B4_10MHz

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	3.27	-4.191	-0.0024	-2.5 to 2.5	Pass
					3.85	1.016	0.0006	-2.5 to 2.5	Pass
					4.43	-0.143	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	0.343	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.715	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-2.203	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-0.143	-0.0001	-2.5 to 2.5	Pass
				10	3.85	-1.245	-0.0007	-2.5 to 2.5	Pass
				30	3.85	0.401	0.0002	-2.5 to 2.5	Pass
				40	3.85	-2.174	-0.0013	-2.5 to 2.5	Pass
				50	3.85	2.303	0.0013	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	0.000	0.0000	-2.5 to 2.5	Pass
					3.85	1.588	0.0009	-2.5 to 2.5	Pass
					4.43	-4.106	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-3.376	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-2.990	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-2.003	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-1.473	-0.0009	-2.5 to 2.5	Pass
				10	3.85	3.562	0.0021	-2.5 to 2.5	Pass
				30	3.85	-1.674	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-3.219	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-7.253	-0.0042	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	-3.576	-0.0020	-2.5 to 2.5	Pass
					3.85	0.644	0.0004	-2.5 to 2.5	Pass
					4.43	-1.073	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-0.272	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	4.449	0.0025	-2.5 to 2.5	Pass
				-10	3.85	3.076	0.0018	-2.5 to 2.5	Pass
				0	3.85	-0.329	-0.0002	-2.5 to 2.5	Pass
				10	3.85	1.788	0.0010	-2.5 to 2.5	Pass
				30	3.85	-2.818	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-1.187	-0.0007	-2.5 to 2.5	Pass
				50	3.85	2.403	0.0014	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	1.259	0.0007	-2.5 to 2.5	Pass
					3.85	0.029	0.0000	-2.5 to 2.5	Pass
					4.43	0.229	0.0001	-2.5 to 2.5	Pass
				-30	3.85	-0.315	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-0.672	-0.0004	-2.5 to 2.5	Pass
				0	3.85	7.854	0.0046	-2.5 to 2.5	Pass
				10	3.85	0.186	0.0001	-2.5 to 2.5	Pass
				30	3.85	3.705	0.0022	-2.5 to 2.5	Pass
				40	3.85	2.732	0.0016	-2.5 to 2.5	Pass
				50	3.85	0.901	0.0005	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	-2.375	-0.0014	-2.5 to 2.5	Pass

					3.85	-1.030	-0.0006	-2.5 to 2.5	Pass
					4.43	-5.636	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-3.433	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-1.760	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-5.836	-0.0034	-2.5 to 2.5	Pass
				0	3.85	-1.888	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-5.822	-0.0034	-2.5 to 2.5	Pass
				30	3.85	-1.202	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-1.330	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-5.322	-0.0031	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	-4.220	-0.0024	-2.5 to 2.5	Pass
					3.85	-2.961	-0.0017	-2.5 to 2.5	Pass
					4.43	-3.090	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-5.107	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	0.014	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-2.360	-0.0013	-2.5 to 2.5	Pass
				0	3.85	4.077	0.0023	-2.5 to 2.5	Pass
				10	3.85	-0.787	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-2.260	-0.0013	-2.5 to 2.5	Pass
				40	3.85	1.616	0.0009	-2.5 to 2.5	Pass
				50	3.85	-2.503	-0.0014	-2.5 to 2.5	Pass

2.1.5 B4_15MHz

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	3.27	-1.774	-0.0010	-2.5 to 2.5	Pass
					3.85	0.329	0.0002	-2.5 to 2.5	Pass
					4.43	-3.877	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-0.772	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	0.930	0.0005	-2.5 to 2.5	Pass
				-10	3.85	0.372	0.0002	-2.5 to 2.5	Pass
				0	3.85	-2.789	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-2.575	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-0.844	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-0.401	-0.0002	-2.5 to 2.5	Pass
				50	3.85	0.558	0.0003	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	1.502	0.0009	-2.5 to 2.5	Pass
					3.85	-4.635	-0.0027	-2.5 to 2.5	Pass
					4.43	-5.250	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-2.389	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-2.661	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-1.659	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-5.364	-0.0031	-2.5 to 2.5	Pass
				10	3.85	1.817	0.0010	-2.5 to 2.5	Pass
				30	3.85	1.802	0.0010	-2.5 to 2.5	Pass
				40	3.85	0.329	0.0002	-2.5 to 2.5	Pass
				50	3.85	1.287	0.0007	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	2.089	0.0012	-2.5 to 2.5	Pass
					3.85	0.744	0.0004	-2.5 to 2.5	Pass
					4.43	0.000	0.0000	-2.5 to 2.5	Pass
				-30	3.85	1.330	0.0008	-2.5 to 2.5	Pass
				-20	3.85	-1.316	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	2.961	0.0017	-2.5 to 2.5	Pass
				0	3.85	3.018	0.0017	-2.5 to 2.5	Pass
				10	3.85	3.319	0.0019	-2.5 to 2.5	Pass

				30	3.85	-0.672	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-3.419	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-0.901	-0.0005	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	1.245	0.0007	-2.5 to 2.5	Pass
					3.85	2.446	0.0014	-2.5 to 2.5	Pass
					4.43	-3.777	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-2.775	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	2.017	0.0012	-2.5 to 2.5	Pass
				-10	3.85	-1.931	-0.0011	-2.5 to 2.5	Pass
				0	3.85	0.858	0.0005	-2.5 to 2.5	Pass
				10	3.85	-0.644	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-1.445	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-2.275	-0.0013	-2.5 to 2.5	Pass
				50	3.85	1.330	0.0008	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	-1.931	-0.0011	-2.5 to 2.5	Pass
					3.85	0.801	0.0005	-2.5 to 2.5	Pass
					4.43	-0.072	0.0000	-2.5 to 2.5	Pass
				-30	3.85	0.443	0.0003	-2.5 to 2.5	Pass
				-20	3.85	-3.762	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-5.479	-0.0032	-2.5 to 2.5	Pass
				0	3.85	-1.001	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-3.576	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-3.505	-0.0020	-2.5 to 2.5	Pass
				40	3.85	1.059	0.0006	-2.5 to 2.5	Pass
				50	3.85	0.072	0.0000	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	-1.688	-0.0010	-2.5 to 2.5	Pass
					3.85	1.173	0.0007	-2.5 to 2.5	Pass
					4.43	-1.187	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	0.043	0.0000	-2.5 to 2.5	Pass
				-20	3.85	-1.416	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-1.459	-0.0008	-2.5 to 2.5	Pass
				0	3.85	0.229	0.0001	-2.5 to 2.5	Pass
				10	3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
				30	3.85	0.443	0.0003	-2.5 to 2.5	Pass
				40	3.85	-1.917	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-2.918	-0.0017	-2.5 to 2.5	Pass

2.1.6 B4_20MHz

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	3.27	-5.722	-0.0033	-2.5 to 2.5	Pass
					3.85	-2.775	-0.0016	-2.5 to 2.5	Pass
					4.43	0.987	0.0006	-2.5 to 2.5	Pass
				-30	3.85	-1.173	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	0.386	0.0002	-2.5 to 2.5	Pass
				-10	3.85	-2.618	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-2.675	-0.0016	-2.5 to 2.5	Pass
				10	3.85	3.891	0.0023	-2.5 to 2.5	Pass
				30	3.85	1.602	0.0009	-2.5 to 2.5	Pass
				40	3.85	-2.246	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-1.688	-0.0010	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	0.086	0.0000	-2.5 to 2.5	Pass
					3.85	-2.618	-0.0015	-2.5 to 2.5	Pass
					4.43	-6.051	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	-1.431	-0.0008	-2.5 to 2.5	Pass

				-20	3.85	3.004	0.0017	-2.5 to 2.5	Pass
				-10	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				0	3.85	-5.150	-0.0030	-2.5 to 2.5	Pass
				10	3.85	0.443	0.0003	-2.5 to 2.5	Pass
				30	3.85	-2.775	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-3.662	-0.0021	-2.5 to 2.5	Pass
				50	3.85	1.302	0.0008	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-0.772	-0.0004	-2.5 to 2.5	Pass
					3.85	0.558	0.0003	-2.5 to 2.5	Pass
					4.43	1.545	0.0009	-2.5 to 2.5	Pass
				-30	3.85	-8.097	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-6.909	-0.0040	-2.5 to 2.5	Pass
				-10	3.85	0.014	0.0000	-2.5 to 2.5	Pass
				0	3.85	-3.004	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-1.602	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-0.286	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-2.317	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-3.433	-0.0020	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	-3.262	-0.0019	-2.5 to 2.5	Pass
					3.85	-5.636	-0.0033	-2.5 to 2.5	Pass
					4.43	-2.489	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-1.130	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	0.186	0.0001	-2.5 to 2.5	Pass
				-10	3.85	-1.101	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-3.619	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				30	3.85	-4.191	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-5.221	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-2.260	-0.0013	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	0.014	0.0000	-2.5 to 2.5	Pass
					3.85	-1.945	-0.0011	-2.5 to 2.5	Pass
					4.43	-3.719	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-3.190	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	2.503	0.0014	-2.5 to 2.5	Pass
				-10	3.85	-3.405	-0.0020	-2.5 to 2.5	Pass
				0	3.85	1.845	0.0011	-2.5 to 2.5	Pass
				10	3.85	-3.548	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-5.193	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-3.948	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-4.120	-0.0024	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-1.373	-0.0008	-2.5 to 2.5	Pass
					3.85	-4.063	-0.0023	-2.5 to 2.5	Pass
					4.43	-2.017	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	3.734	0.0021	-2.5 to 2.5	Pass
				-20	3.85	0.830	0.0005	-2.5 to 2.5	Pass
				-10	3.85	1.788	0.0010	-2.5 to 2.5	Pass
				0	3.85	0.300	0.0002	-2.5 to 2.5	Pass
				10	3.85	0.501	0.0003	-2.5 to 2.5	Pass
				30	3.85	1.988	0.0011	-2.5 to 2.5	Pass
				40	3.85	-1.273	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-2.475	-0.0014	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B4_1.4MHz

Band: 4 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	6	0	Refer To Test Graph		Pass
16QAM	1732.5	6	0	Refer To Test Graph		Pass

3.1.2 B4_3MHz

Band: 4 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	15	0	Refer To Test Graph		Pass
16QAM	1732.5	15	0	Refer To Test Graph		Pass

3.1.3 B4_5MHz

Band: 4 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	25	0	Refer To Test Graph		Pass
16QAM	1732.5	25	0	Refer To Test Graph		Pass

3.1.4 B4_10MHz

Band: 4 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	50	0	Refer To Test Graph		Pass
16QAM	1732.5	50	0	Refer To Test Graph		Pass

3.1.5 B4_15MHz

Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	75	0	Refer To Test Graph		Pass
16QAM	1732.5	75	0	Refer To Test Graph		Pass

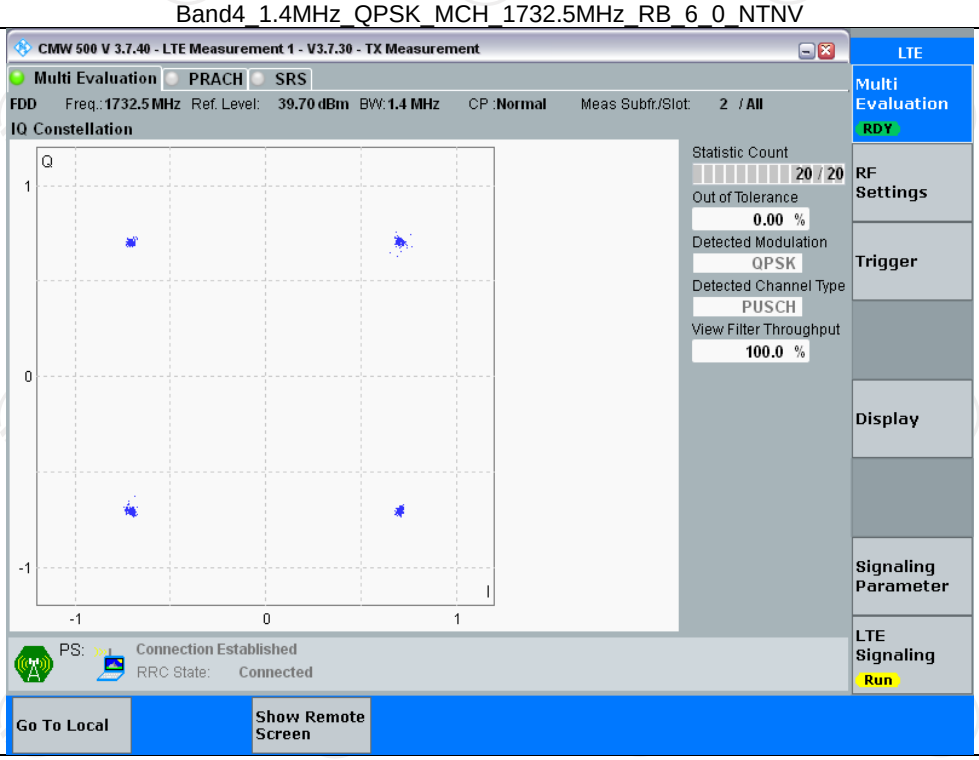
3.1.6 B4_20MHz

Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	100	0	Refer To Test Graph		Pass
16QAM	1732.5	100	0	Refer To Test Graph		Pass

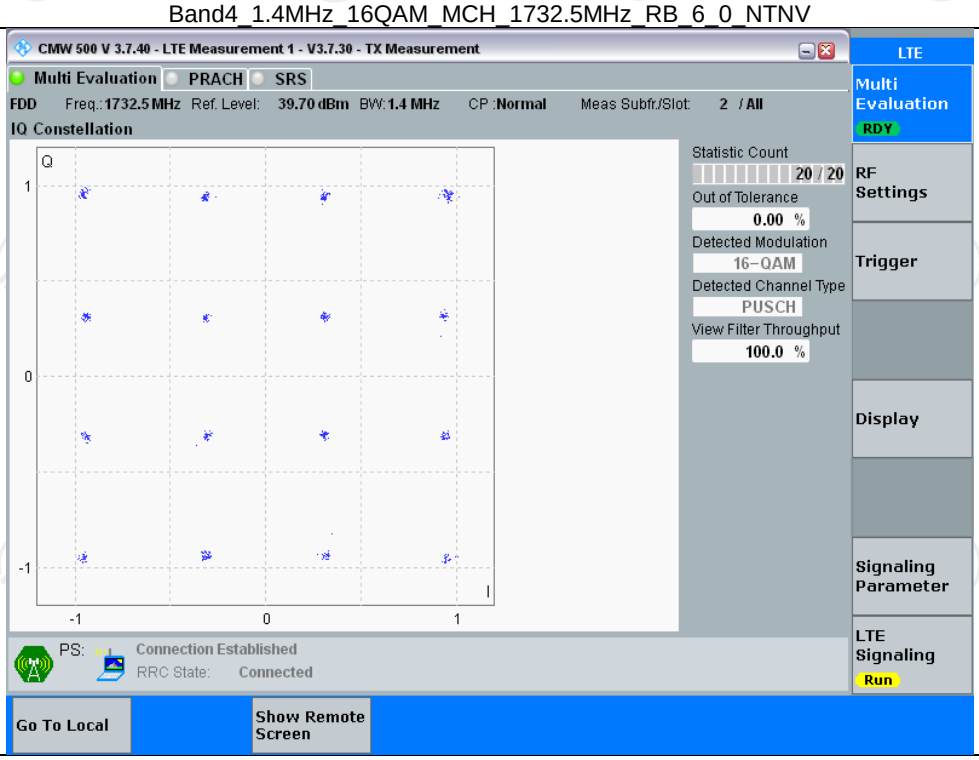
3.2 Test Graph

3.2.1 B4_1.4MHz

Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV

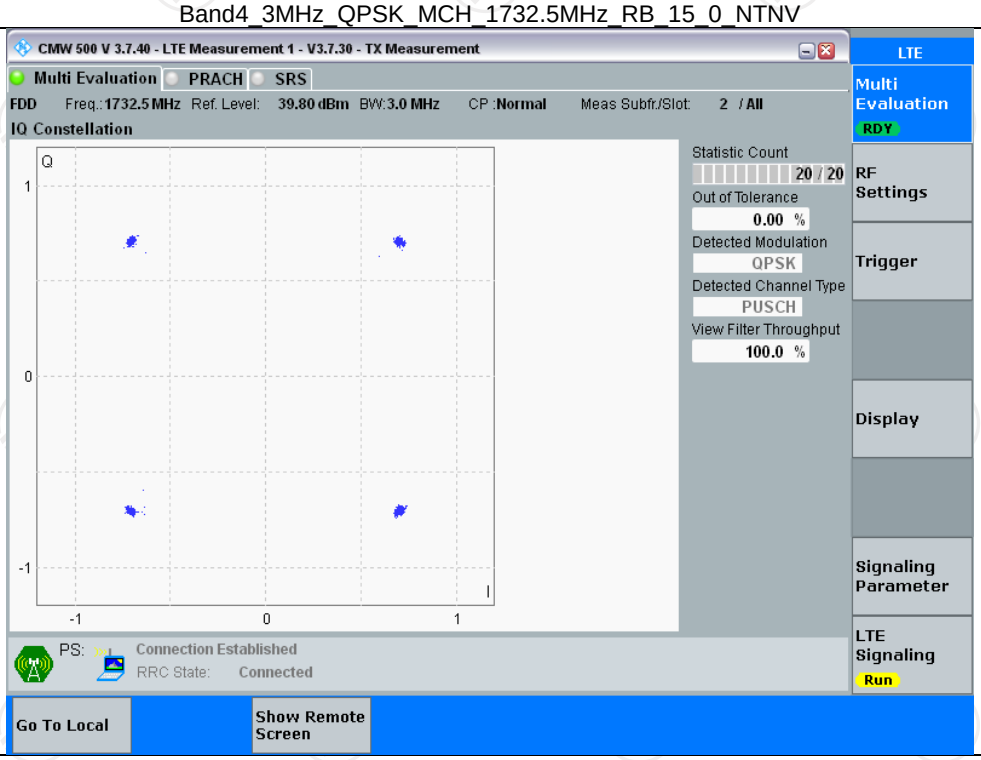


Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV

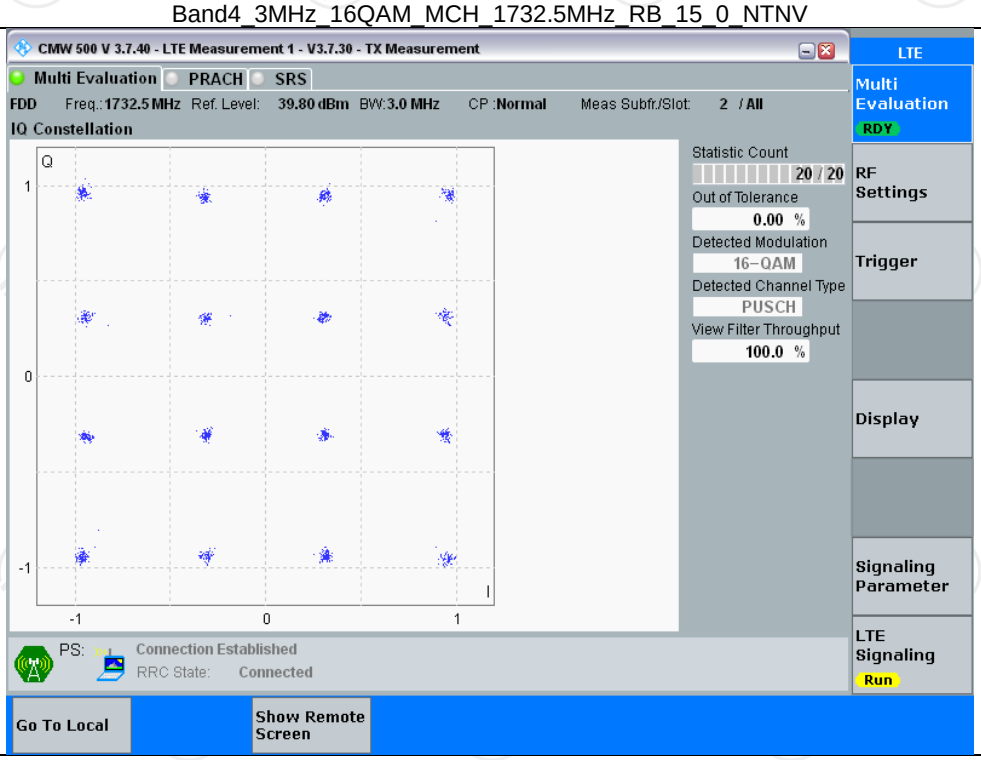


3.2.2 B4_3MHz

Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV

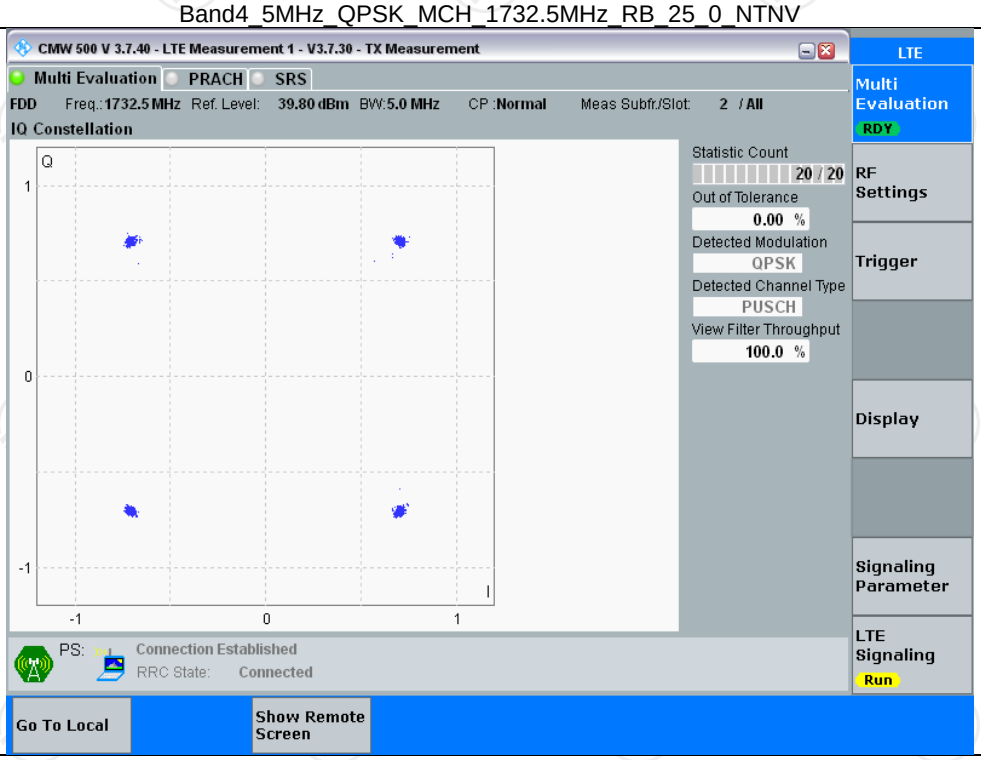


Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV

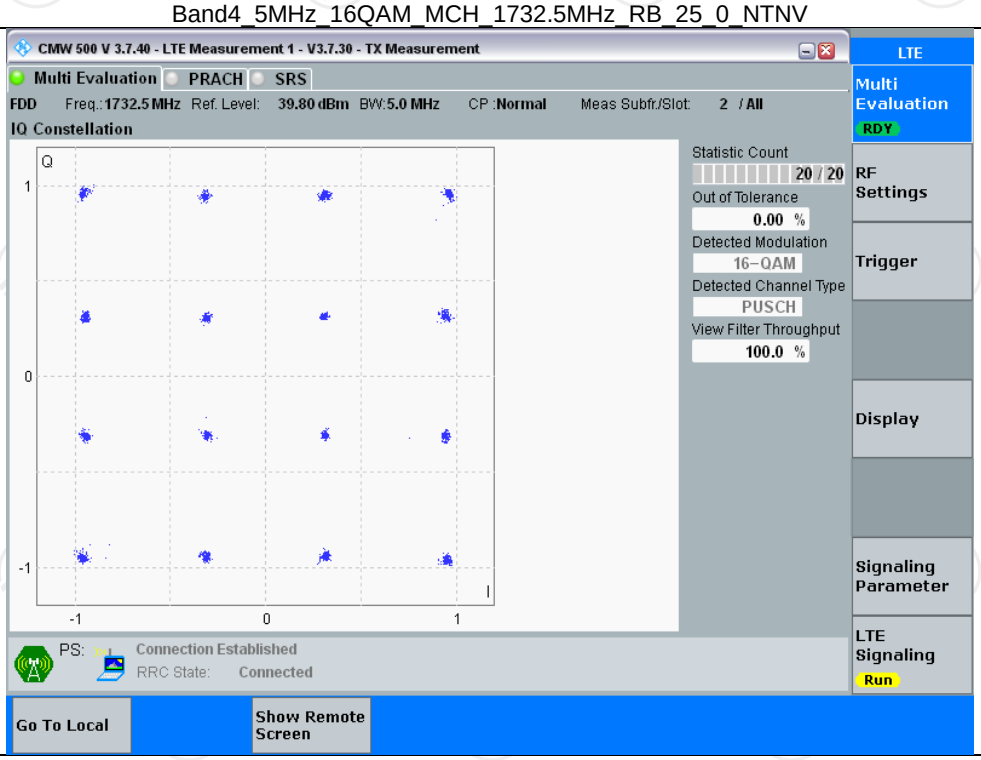


3.2.3 B4_5MHz

Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV

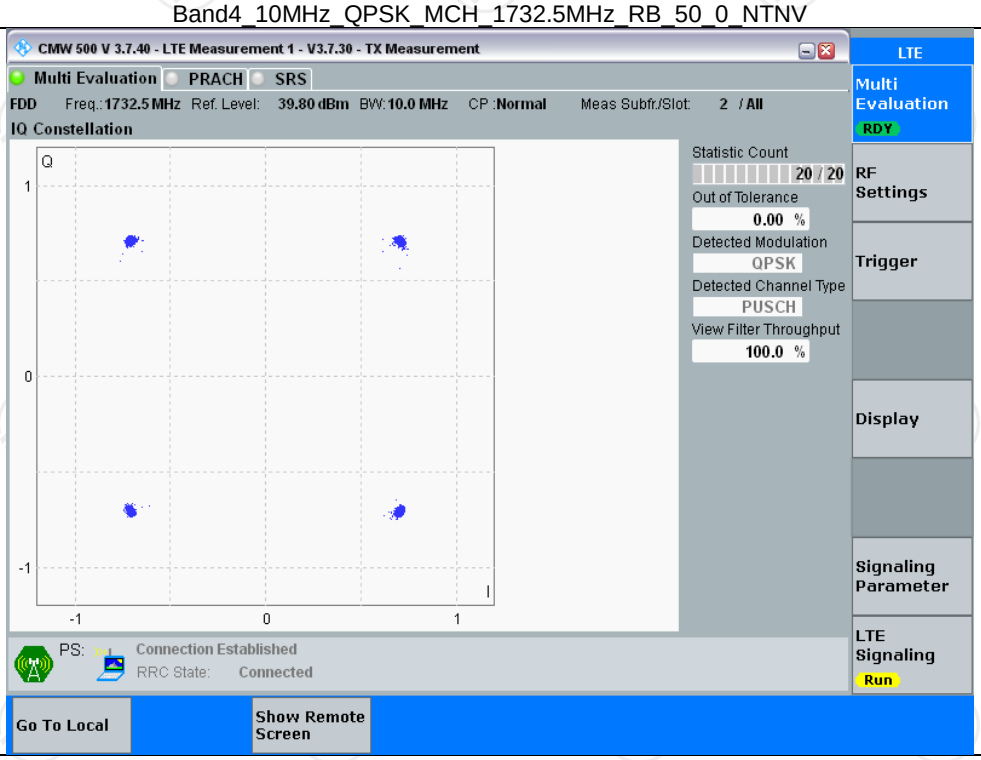


Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV

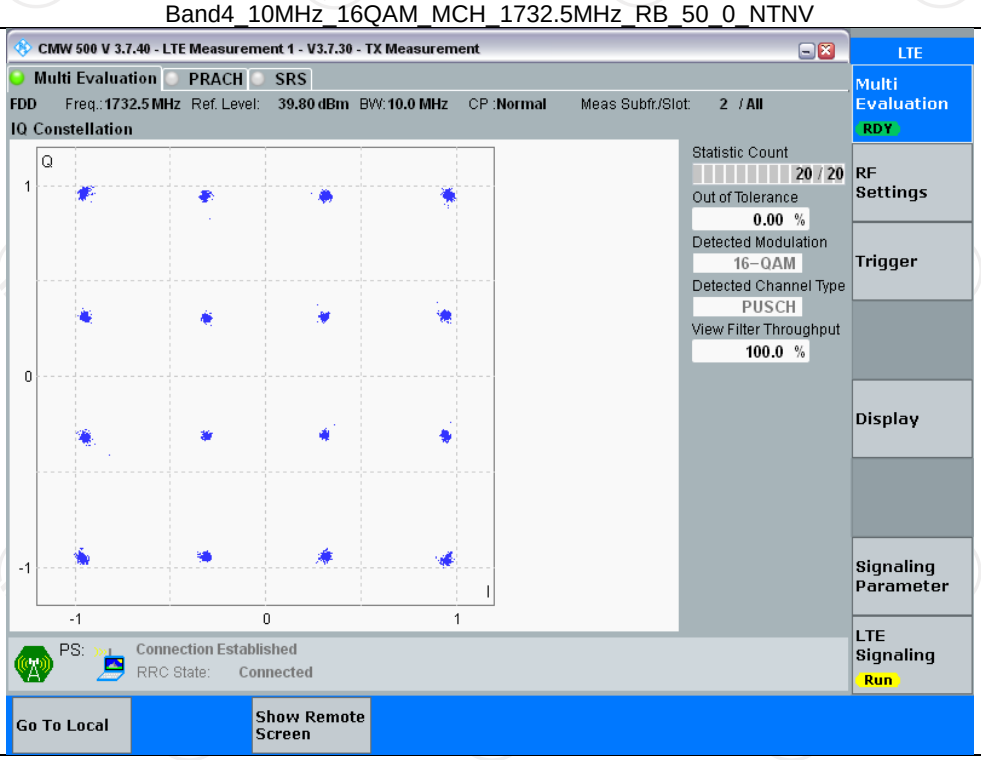


3.2.4 B4_10MHz

Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV

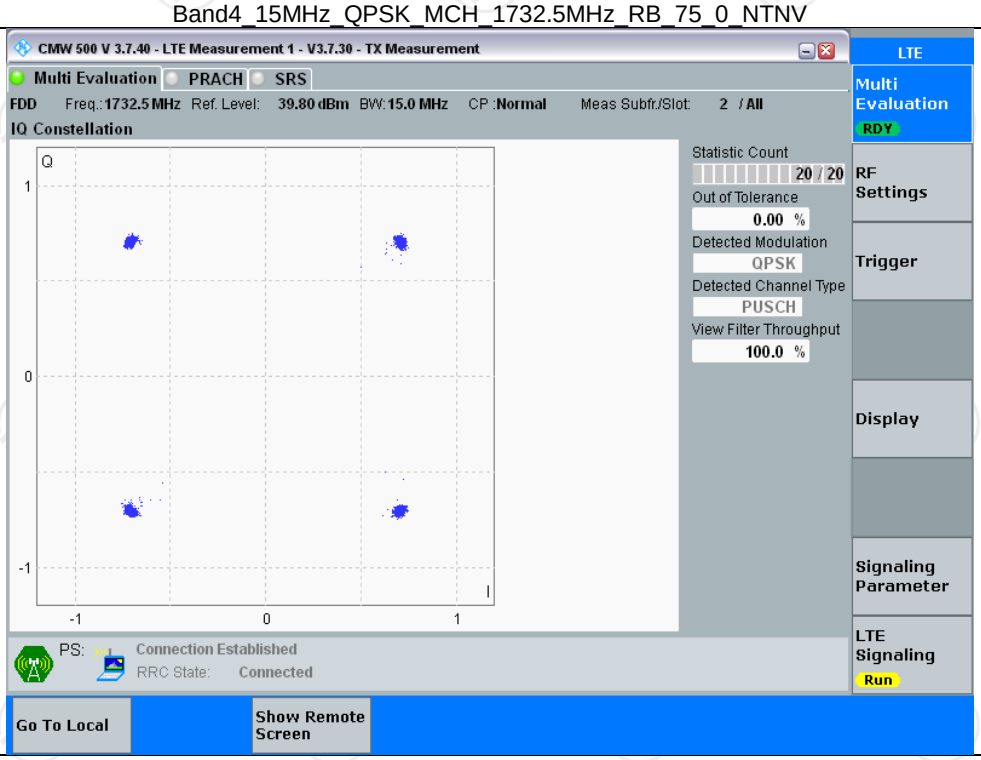


Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV

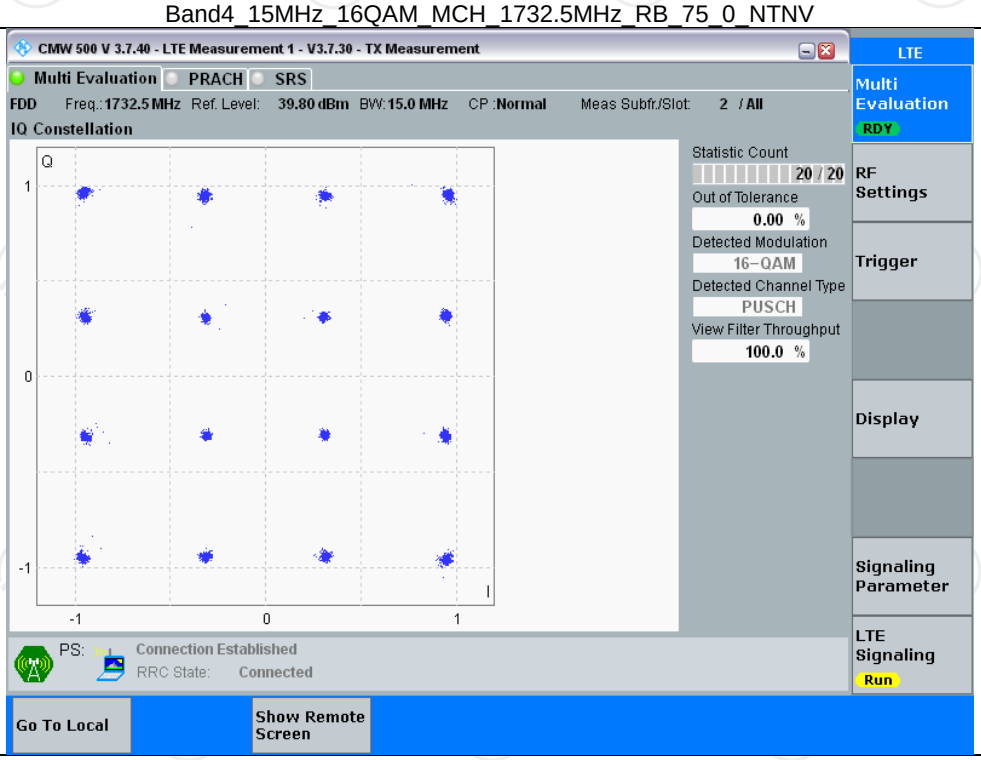


3.2.5 B4_15MHz

Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV

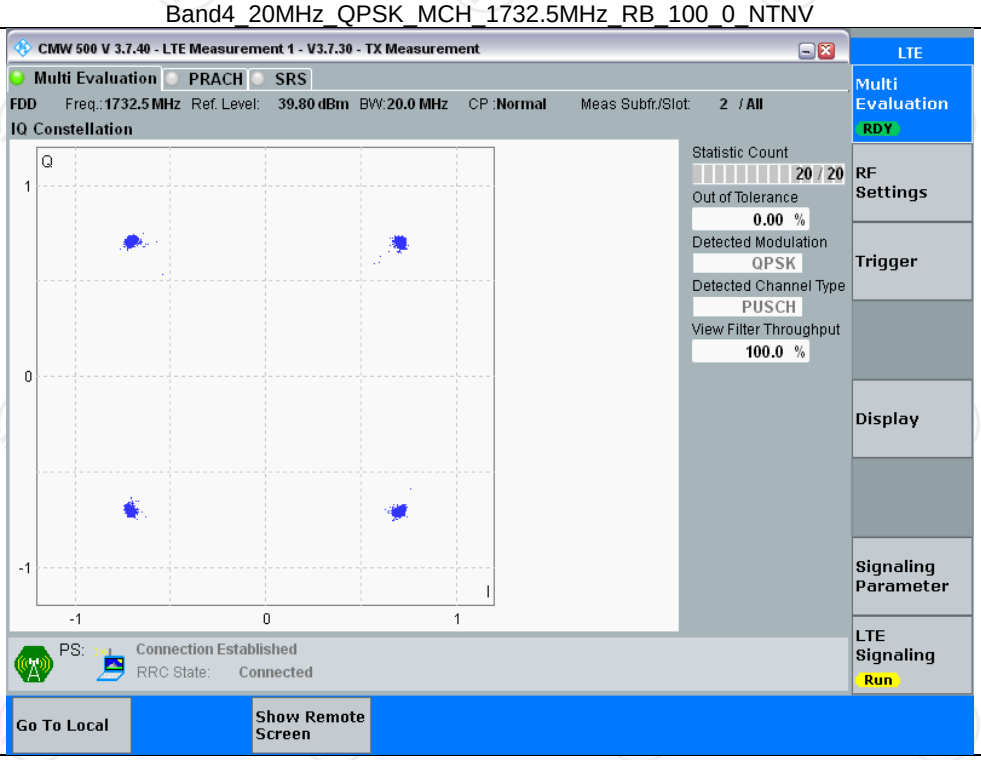


Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV

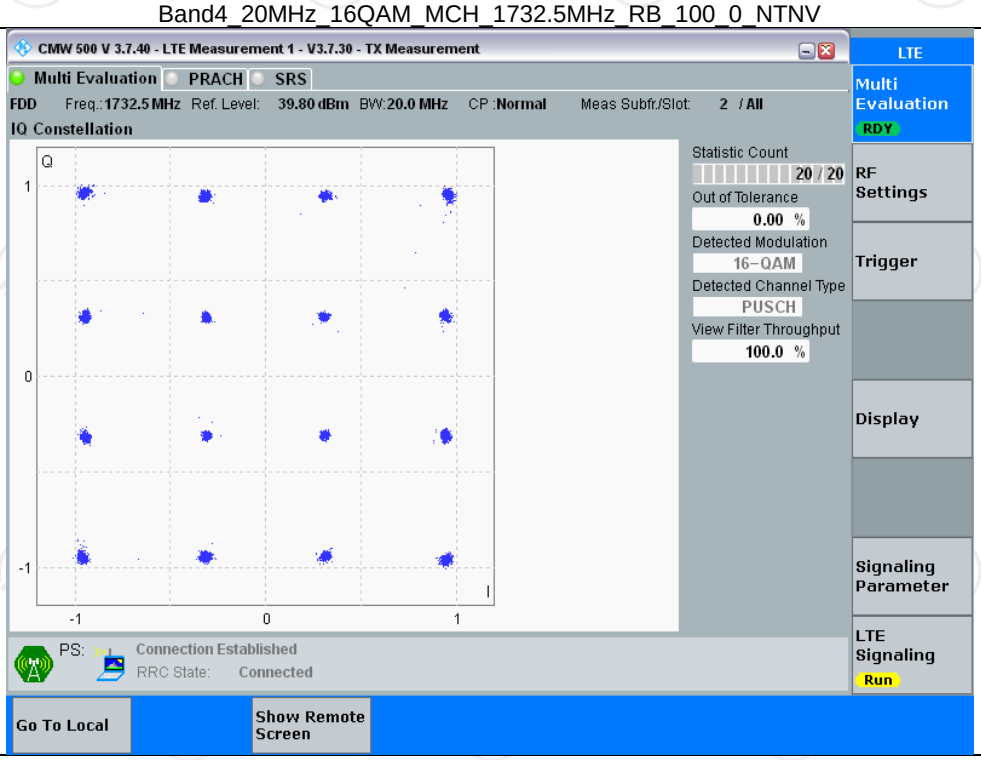


3.2.6 B4_20MHz

Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band4_OBW

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	1.112	/	Pass
		1732.5	6	0	1.105	/	Pass
		1754.3	6	0	1.120	/	Pass
	16QAM	1710.7	6	0	1.105	/	Pass
		1732.5	6	0	1.118	/	Pass
		1754.3	6	0	1.116	/	Pass
3	QPSK	1711.5	15	0	2.729	/	Pass
		1732.5	15	0	2.731	/	Pass
		1753.5	15	0	2.736	/	Pass
	16QAM	1711.5	15	0	2.716	/	Pass
		1732.5	15	0	2.720	/	Pass
		1753.5	15	0	2.723	/	Pass
5	QPSK	1712.5	25	0	4.548	/	Pass
		1732.5	25	0	4.542	/	Pass
		1752.5	25	0	4.561	/	Pass
	16QAM	1712.5	25	0	4.547	/	Pass
		1732.5	25	0	4.542	/	Pass
		1752.5	25	0	4.547	/	Pass
10	QPSK	1715	50	0	9.047	/	Pass
		1732.5	50	0	9.045	/	Pass
		1750	50	0	9.038	/	Pass
	16QAM	1715	50	0	9.041	/	Pass
		1732.5	50	0	9.035	/	Pass
		1750	50	0	9.036	/	Pass
15	QPSK	1717.5	75	0	13.574	/	Pass
		1732.5	75	0	13.550	/	Pass
		1747.5	75	0	13.551	/	Pass
	16QAM	1717.5	75	0	13.599	/	Pass
		1732.5	75	0	13.595	/	Pass
		1747.5	75	0	13.585	/	Pass
20	QPSK	1720	100	0	18.064	/	Pass
		1732.5	100	0	18.096	/	Pass
		1745	100	0	18.051	/	Pass
	16QAM	1720	100	0	18.089	/	Pass
		1732.5	100	0	18.074	/	Pass
		1745	100	0	18.089	/	Pass

4.1.2 Band4_XDB

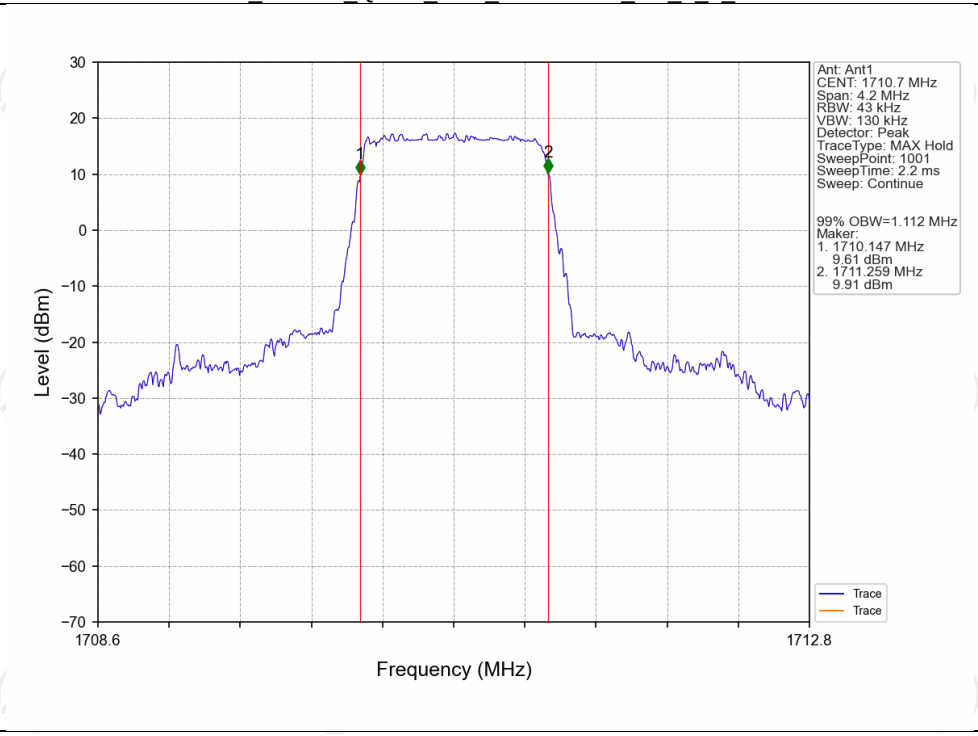
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.319	/	Pass
		1732.5	6	0	1.301	/	Pass

		1754.3	6	0	1.306	/	Pass
	16QAM	1710.7	6	0	1.291	/	Pass
		1732.5	6	0	1.330	/	Pass
		1754.3	6	0	1.323	/	Pass
3	QPSK	1711.5	15	0	3.042	/	Pass
		1732.5	15	0	3.037	/	Pass
		1753.5	15	0	3.024	/	Pass
	16QAM	1711.5	15	0	3.059	/	Pass
		1732.5	15	0	3.046	/	Pass
		1753.5	15	0	3.040	/	Pass
5	QPSK	1712.5	25	0	5.025	/	Pass
		1732.5	25	0	5.012	/	Pass
		1752.5	25	0	4.998	/	Pass
	16QAM	1712.5	25	0	5.018	/	Pass
		1732.5	25	0	5.014	/	Pass
		1752.5	25	0	4.996	/	Pass
10	QPSK	1715	50	0	9.849	/	Pass
		1732.5	50	0	9.847	/	Pass
		1750	50	0	9.959	/	Pass
	16QAM	1715	50	0	9.927	/	Pass
		1732.5	50	0	9.827	/	Pass
		1750	50	0	9.909	/	Pass
15	QPSK	1717.5	75	0	14.846	/	Pass
		1732.5	75	0	15.608	/	Pass
		1747.5	75	0	14.951	/	Pass
	16QAM	1717.5	75	0	14.819	/	Pass
		1732.5	75	0	14.835	/	Pass
		1747.5	75	0	14.880	/	Pass
20	QPSK	1720	100	0	19.926	/	Pass
		1732.5	100	0	19.678	/	Pass
		1745	100	0	19.637	/	Pass
	16QAM	1720	100	0	19.769	/	Pass
		1732.5	100	0	19.756	/	Pass
		1745	100	0	19.679	/	Pass

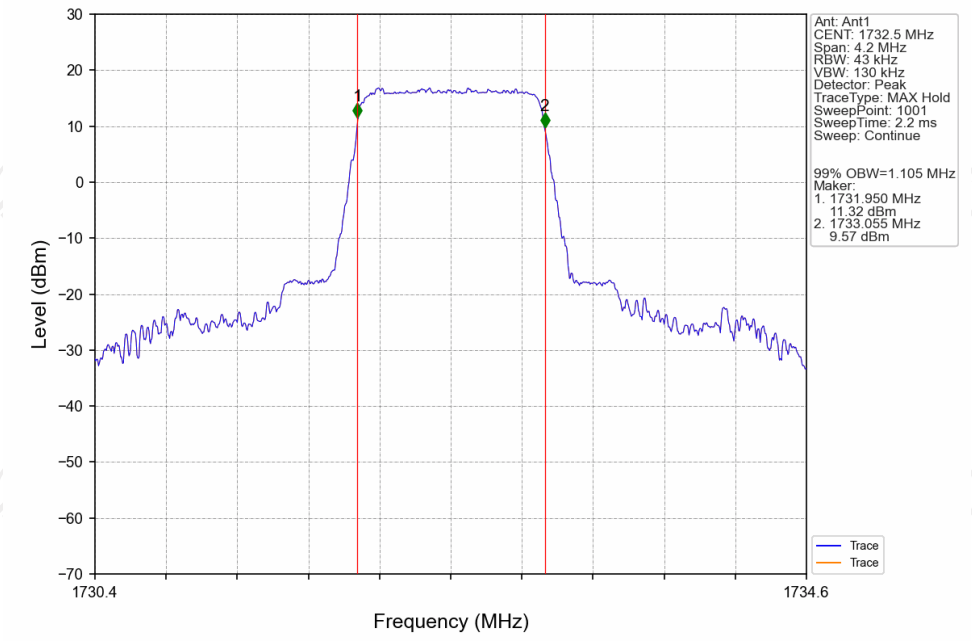
4.2 Test Graph

4.2.1 Band4_OBW

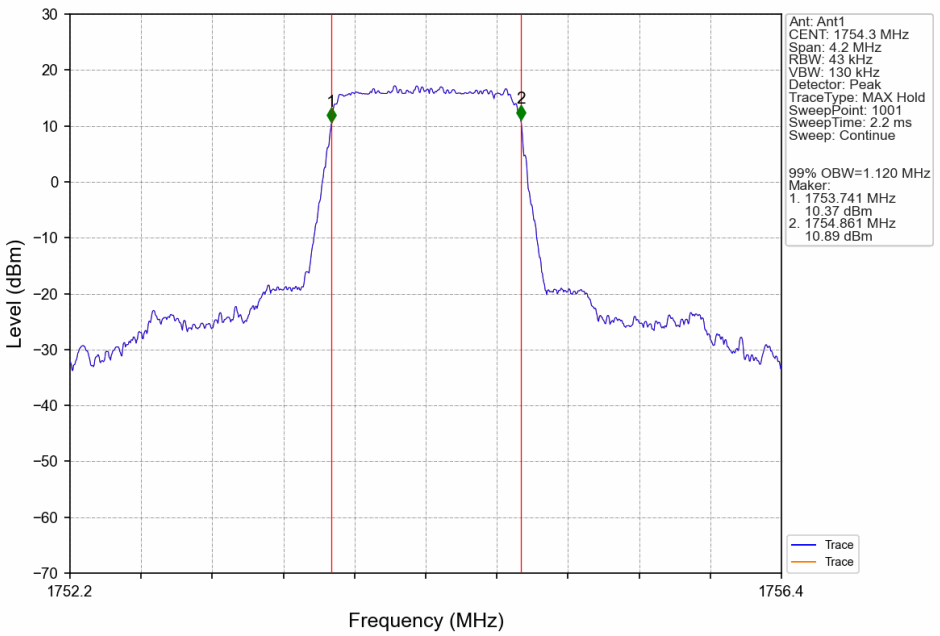
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



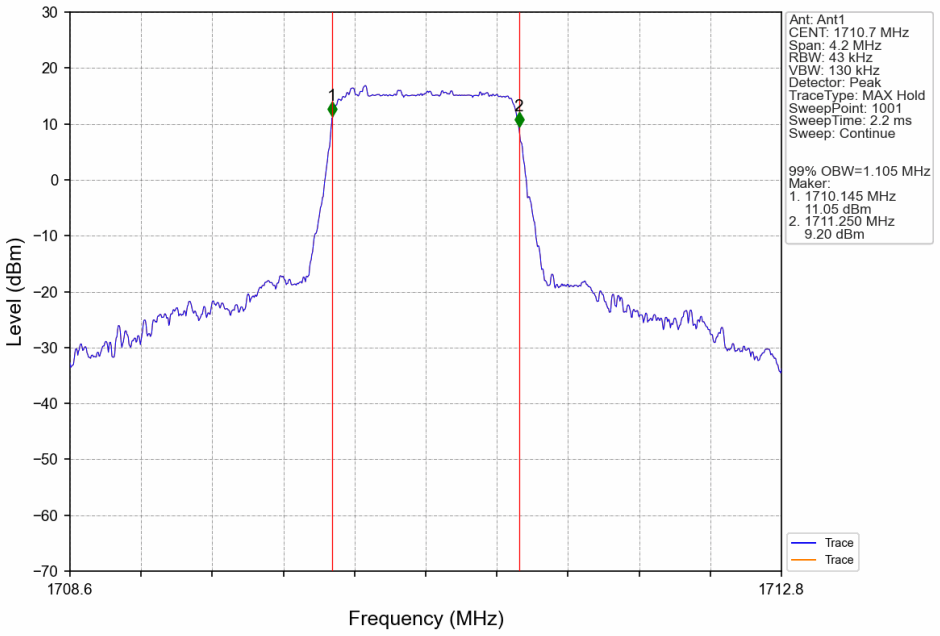
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



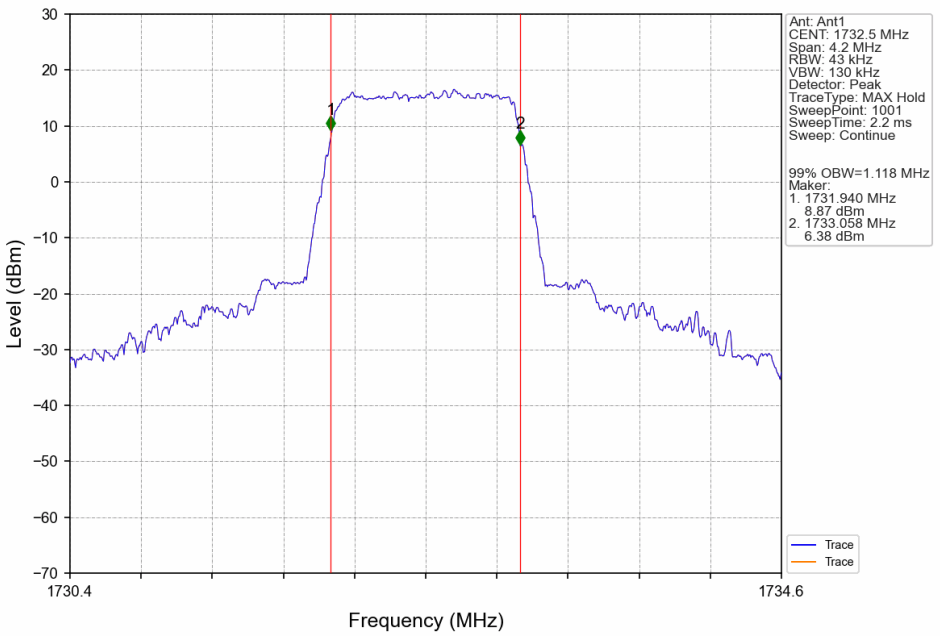
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



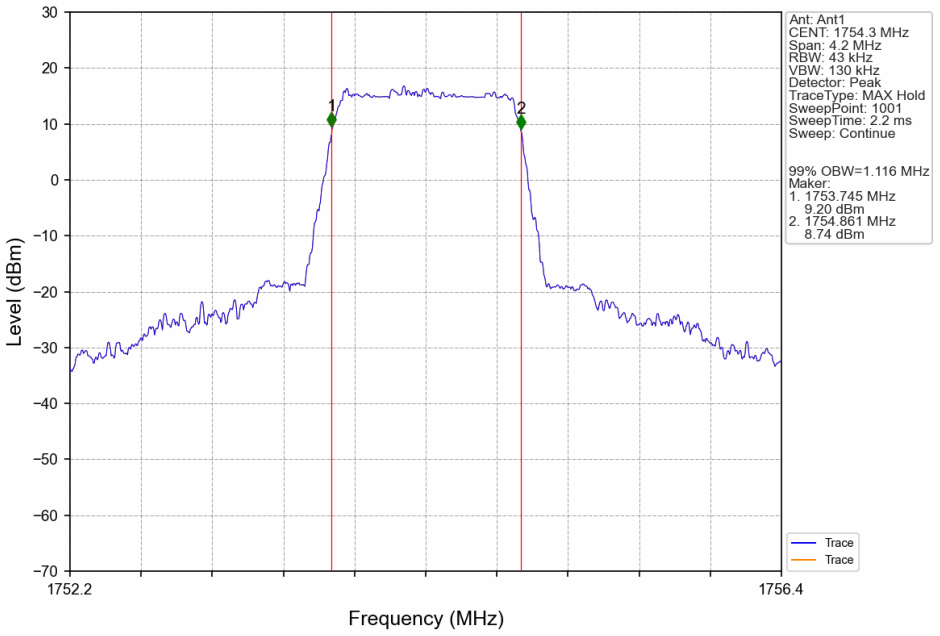
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



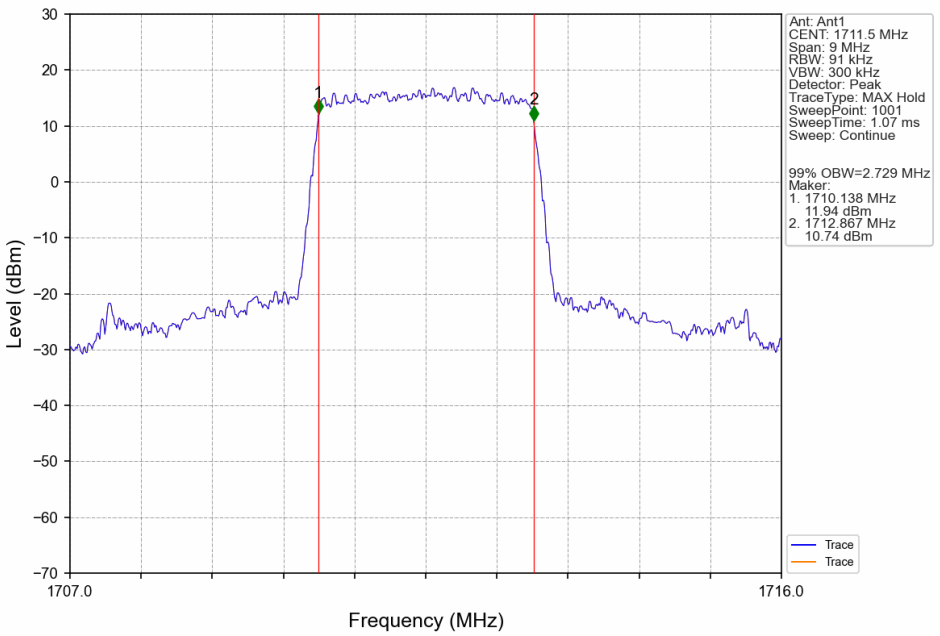
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



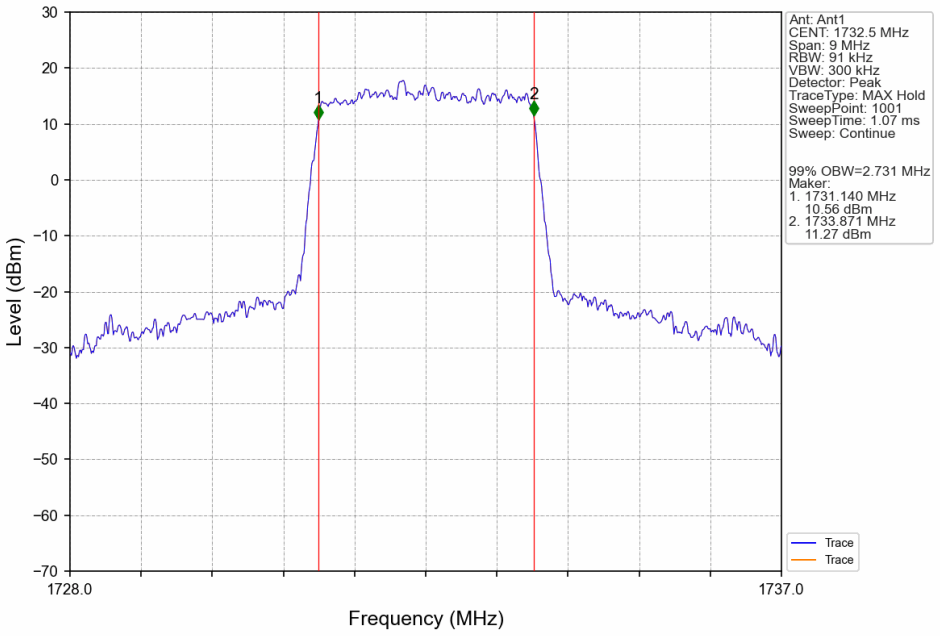
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



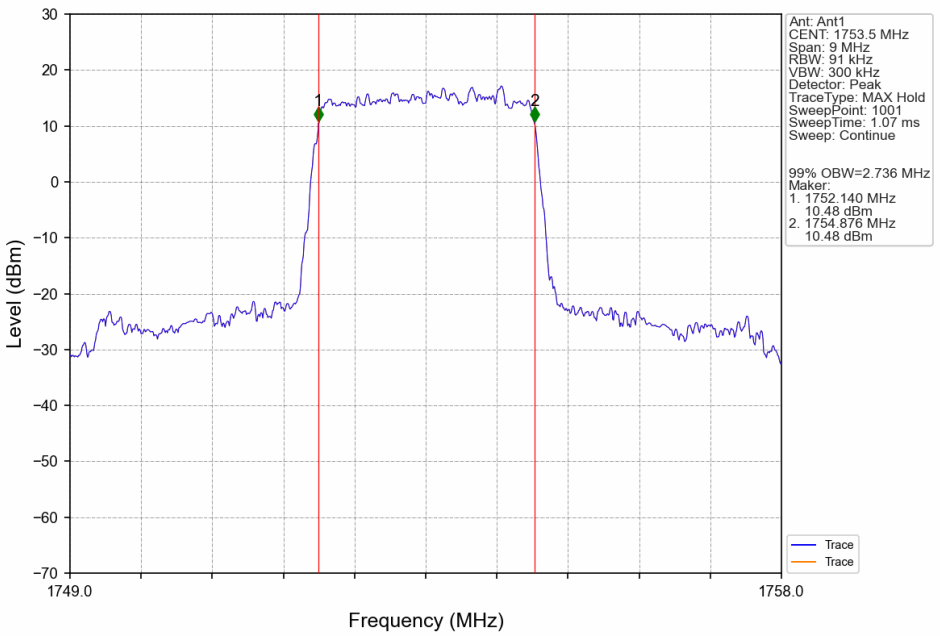
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



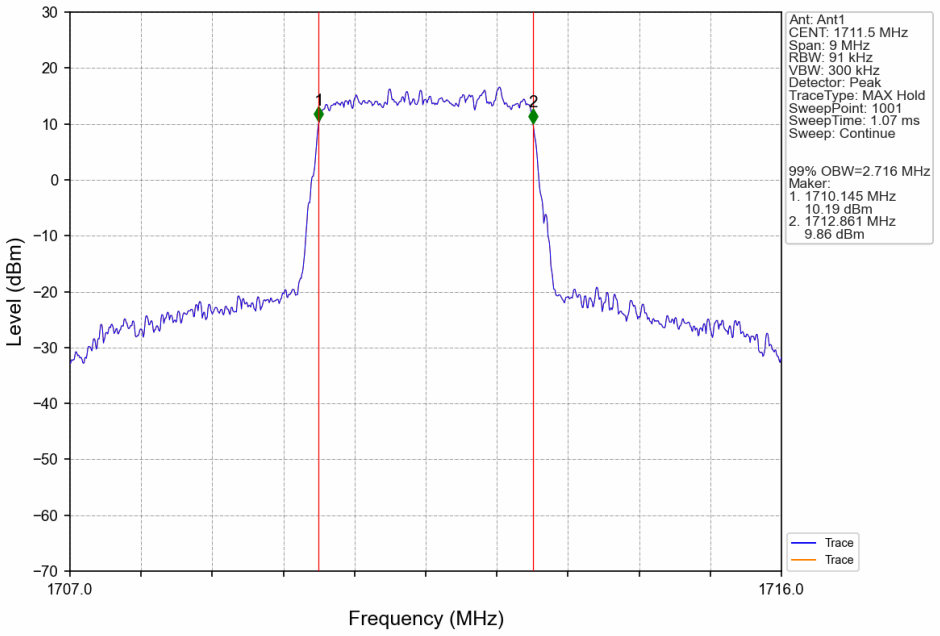
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



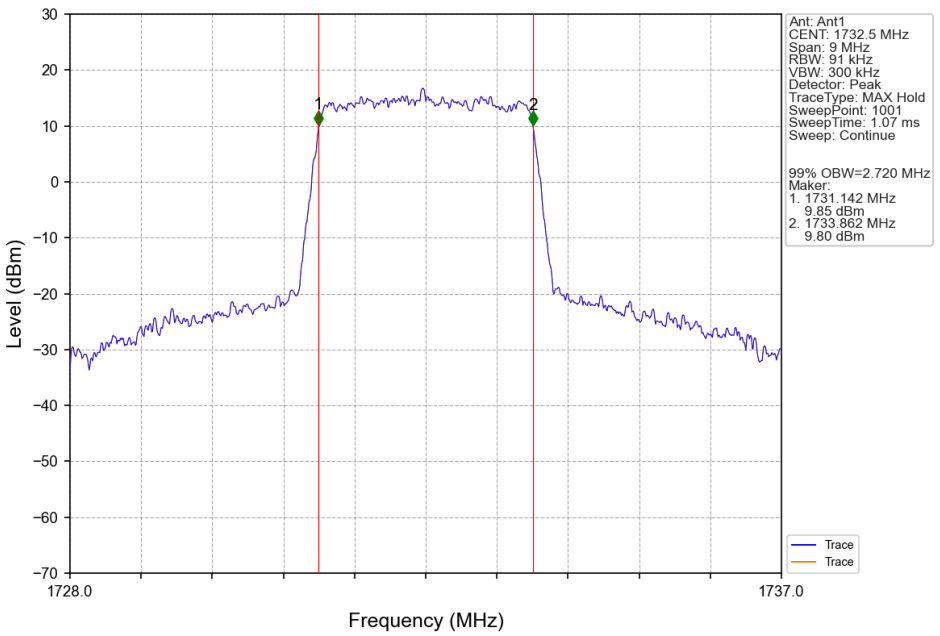
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



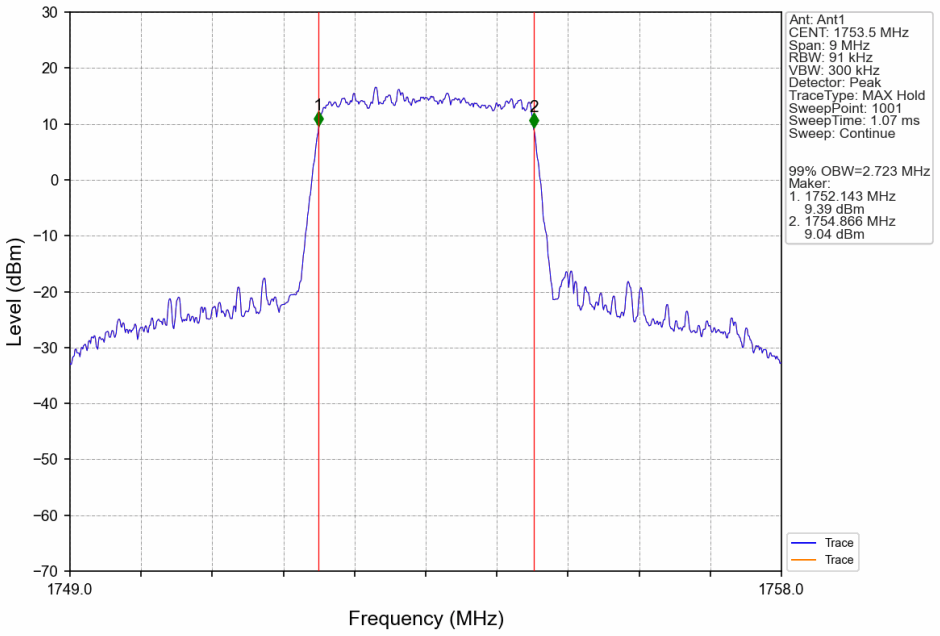
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



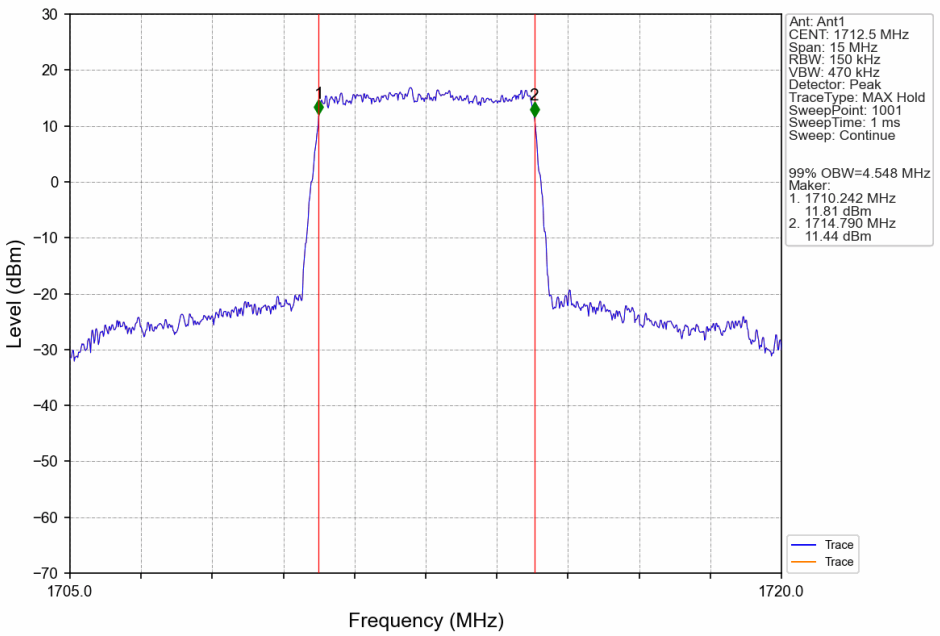
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



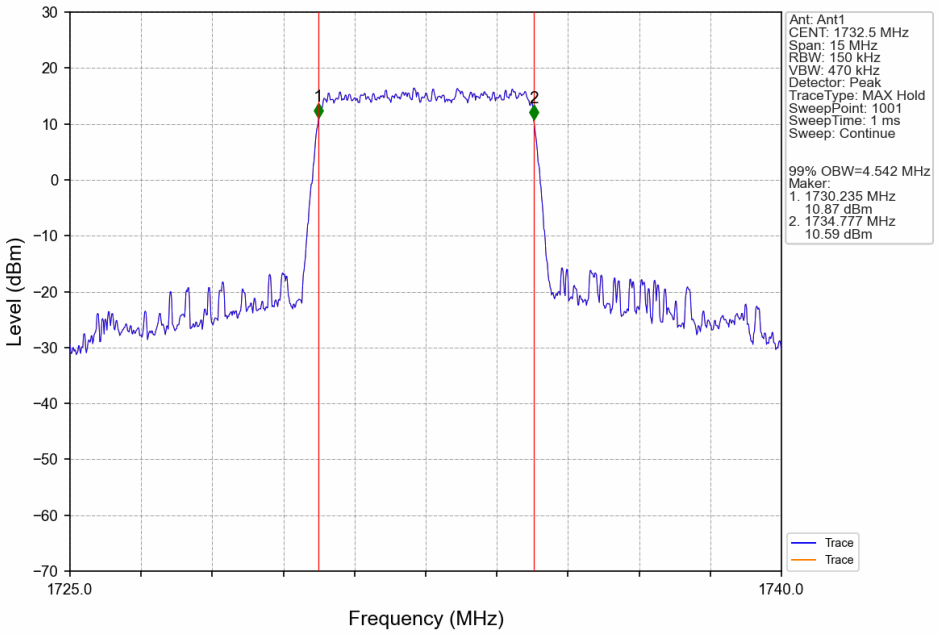
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



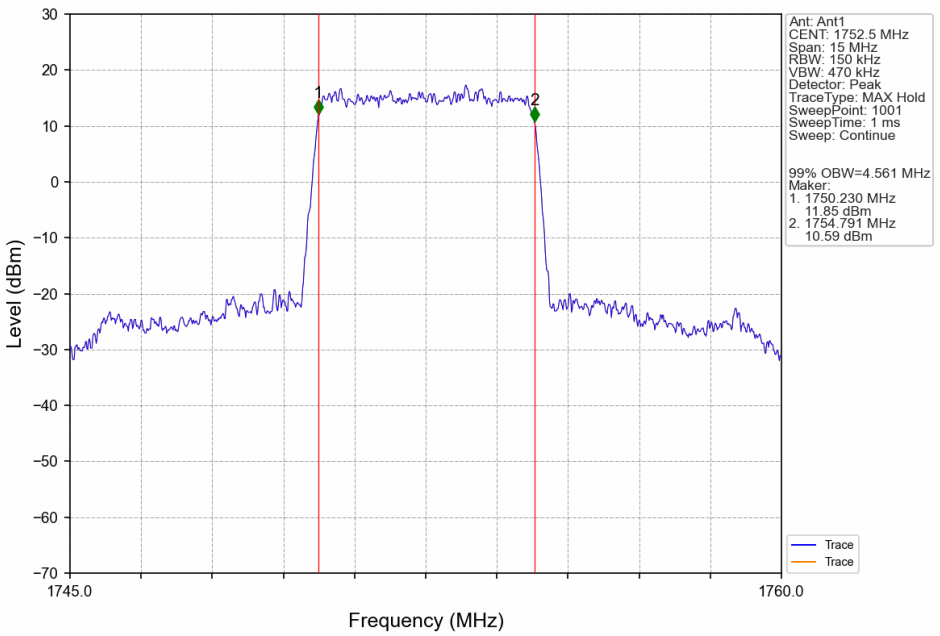
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



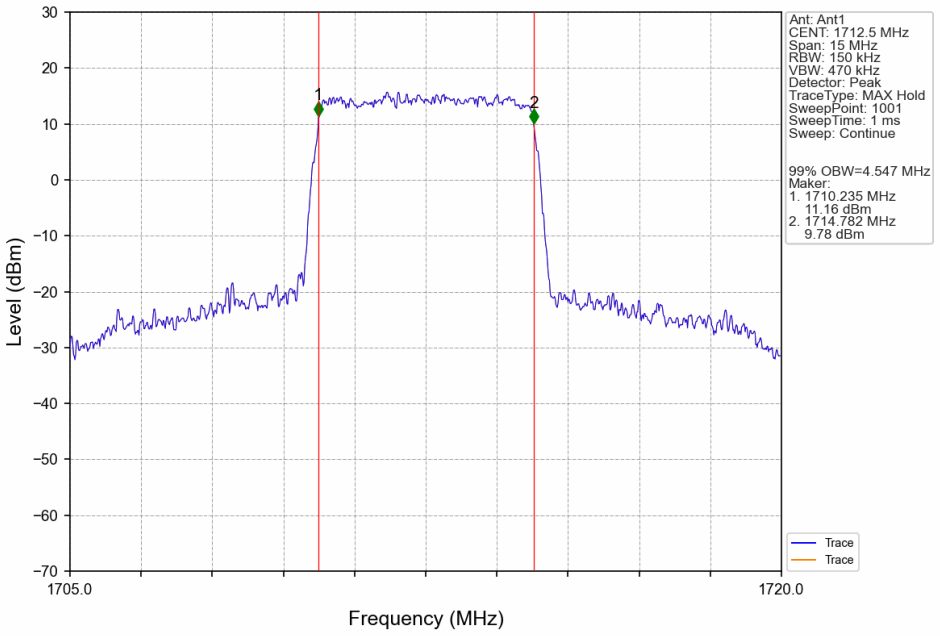
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



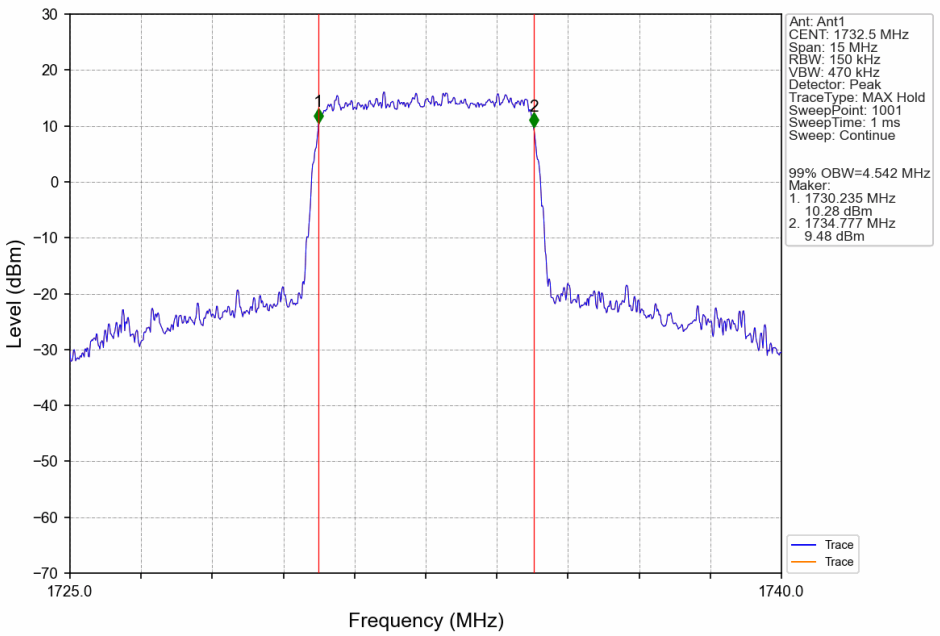
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



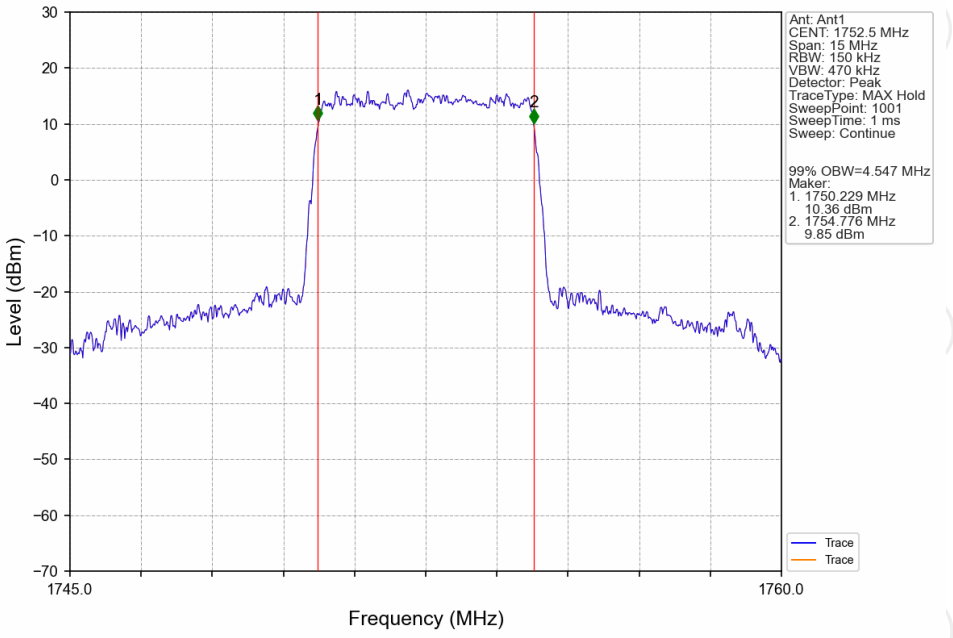
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



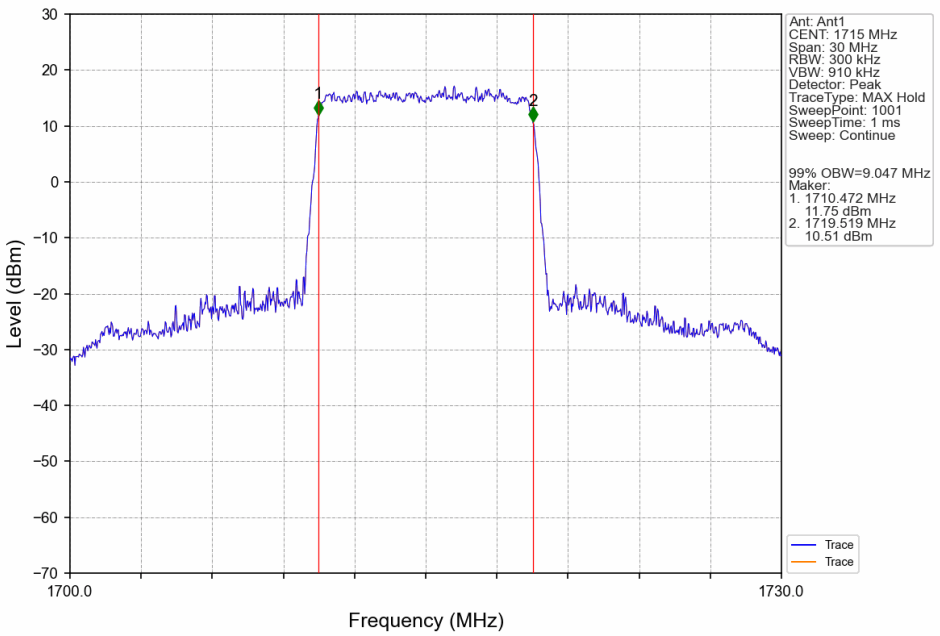
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



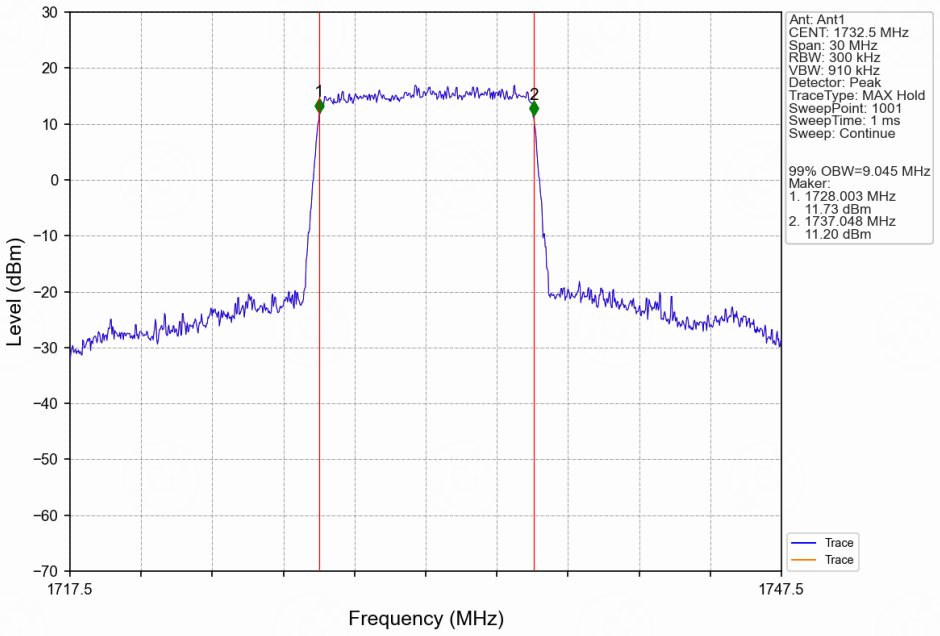
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



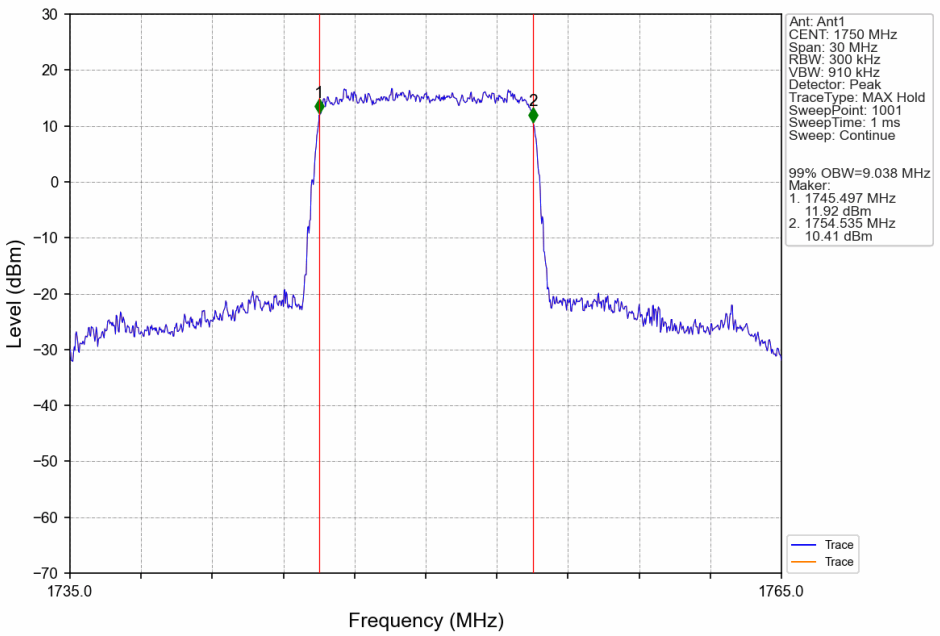
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



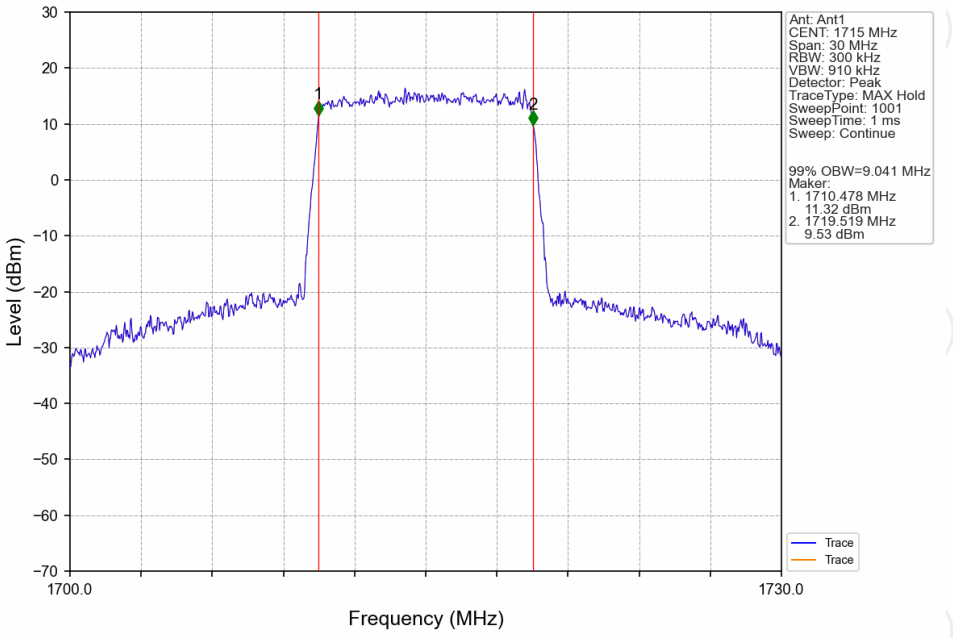
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



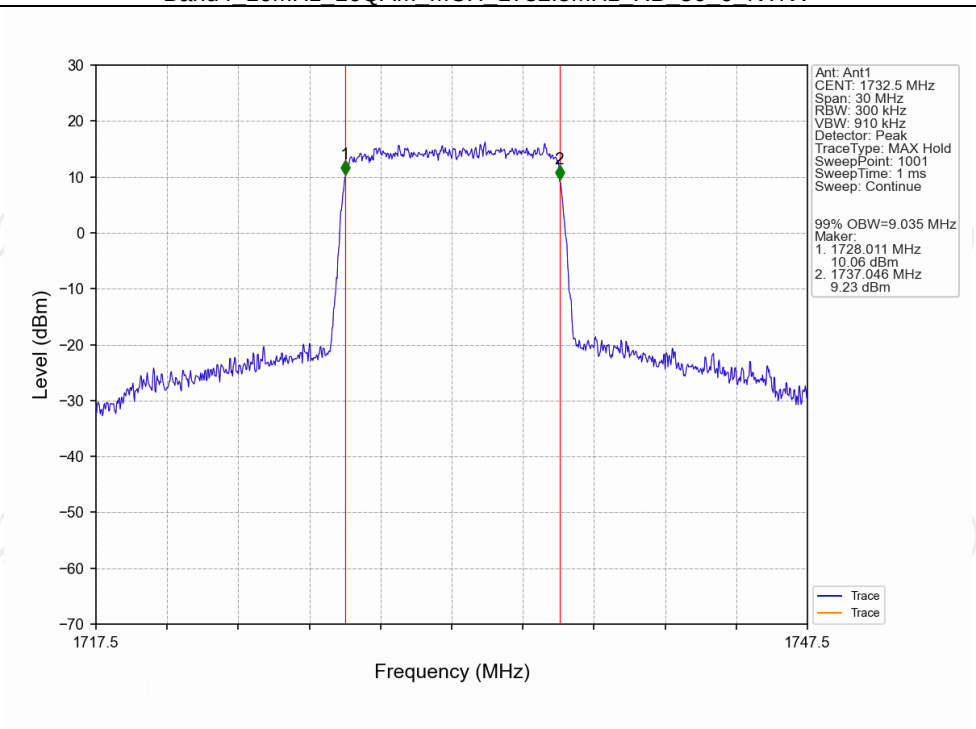
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



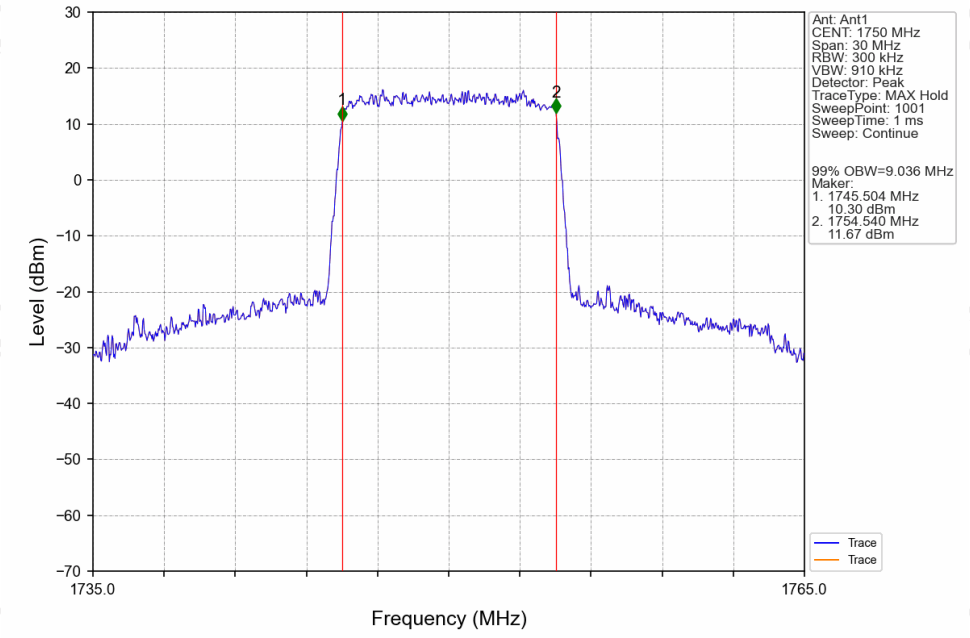
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



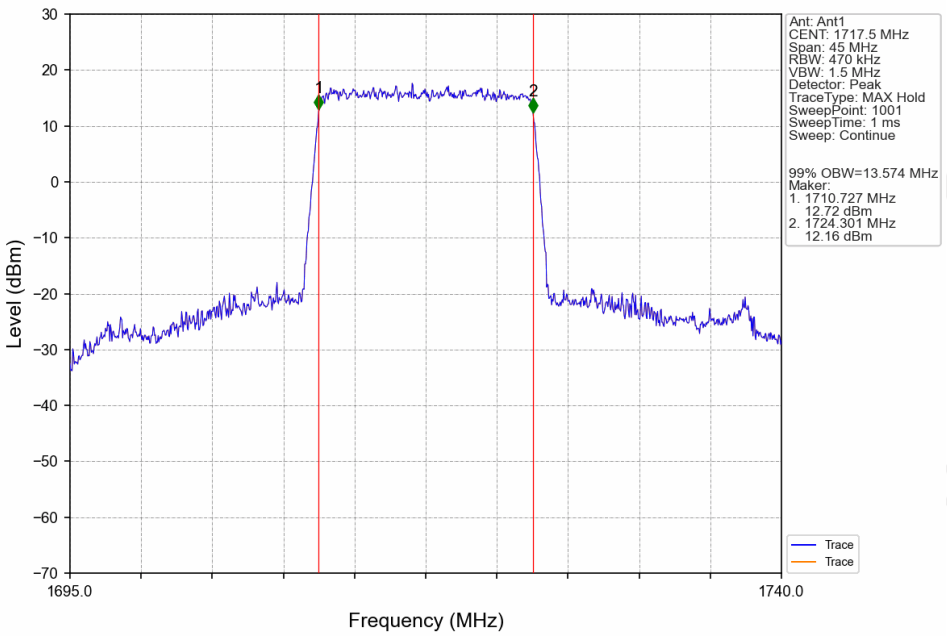
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



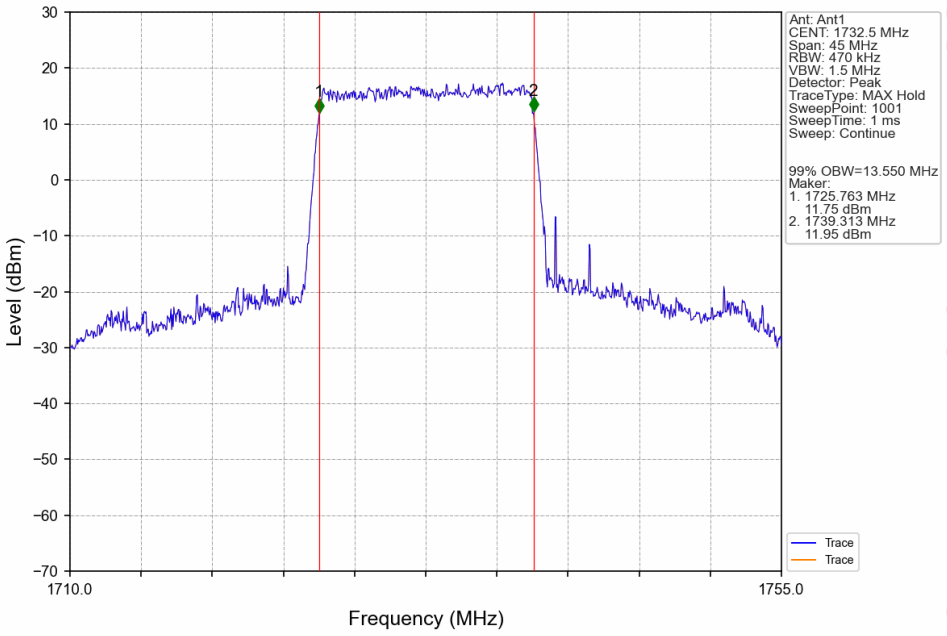
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



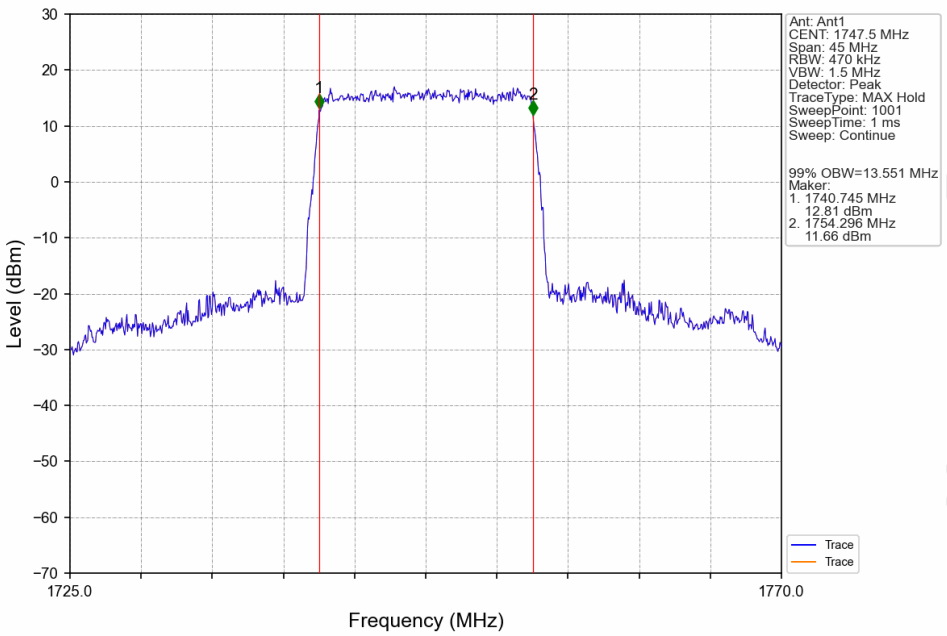
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



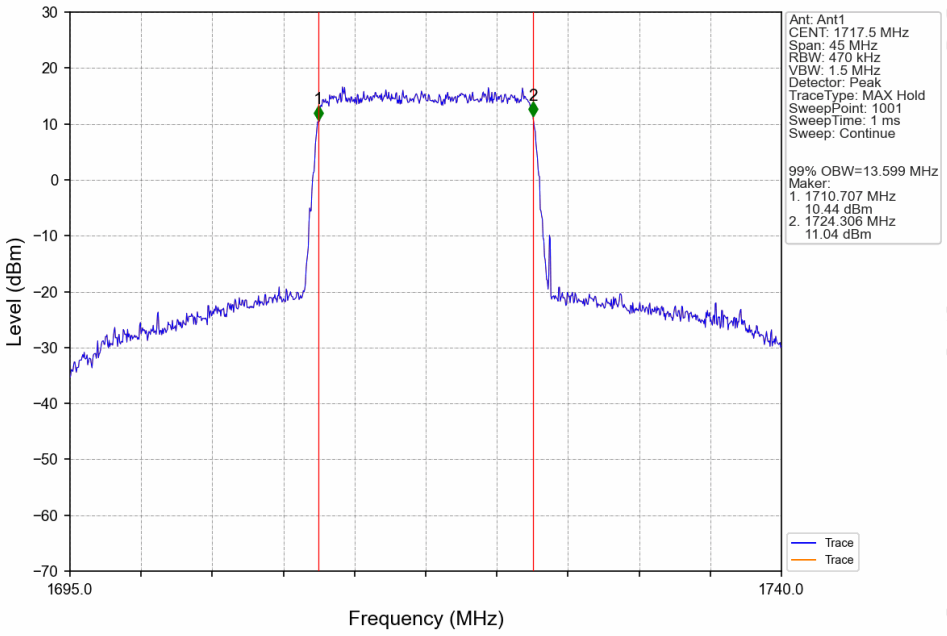
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



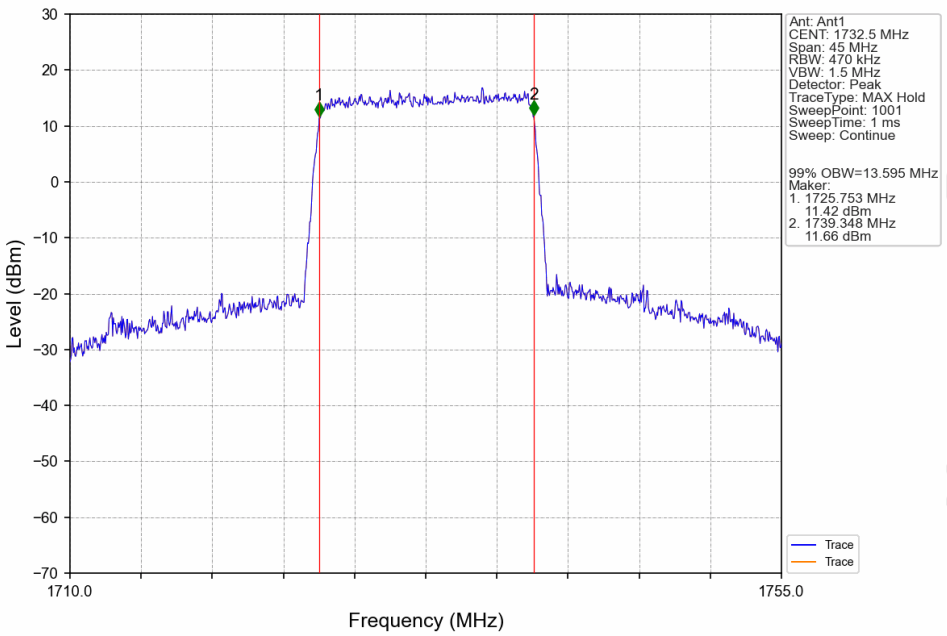
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



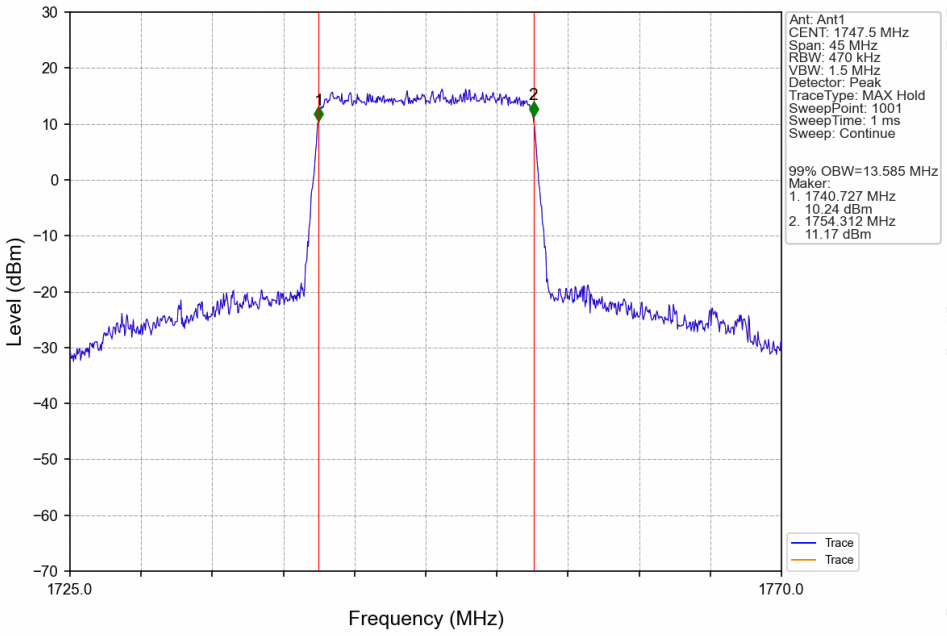
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



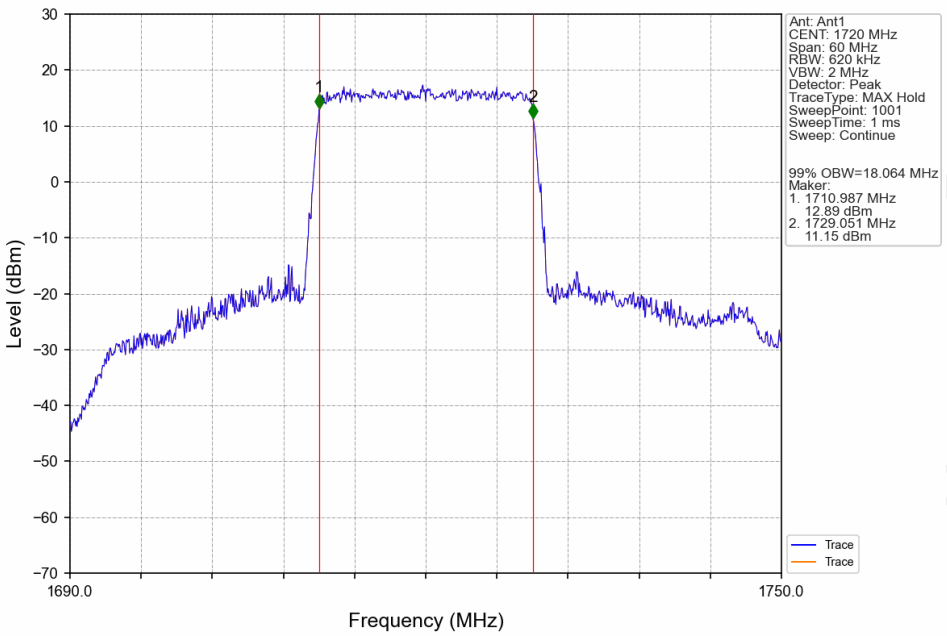
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



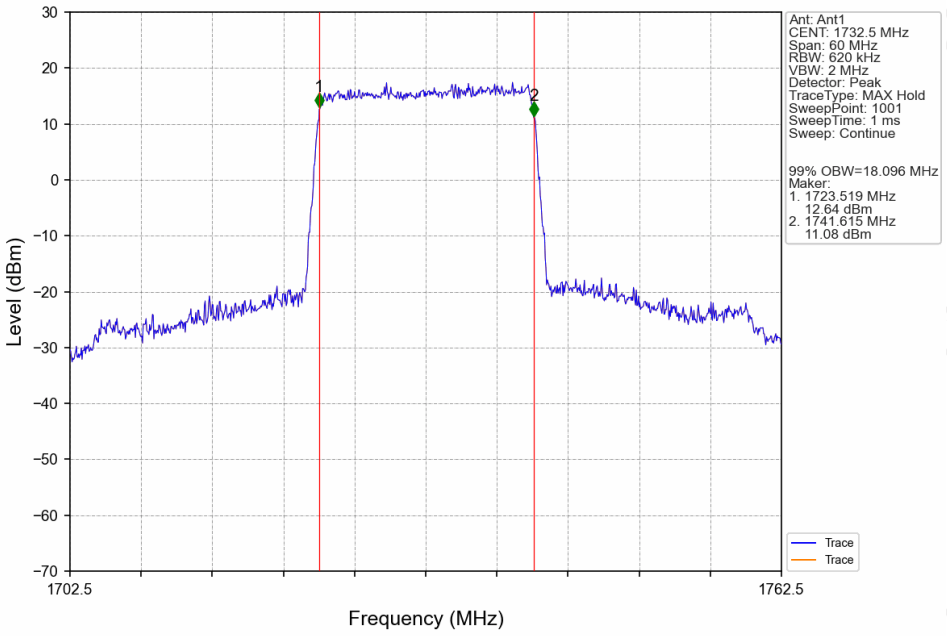
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



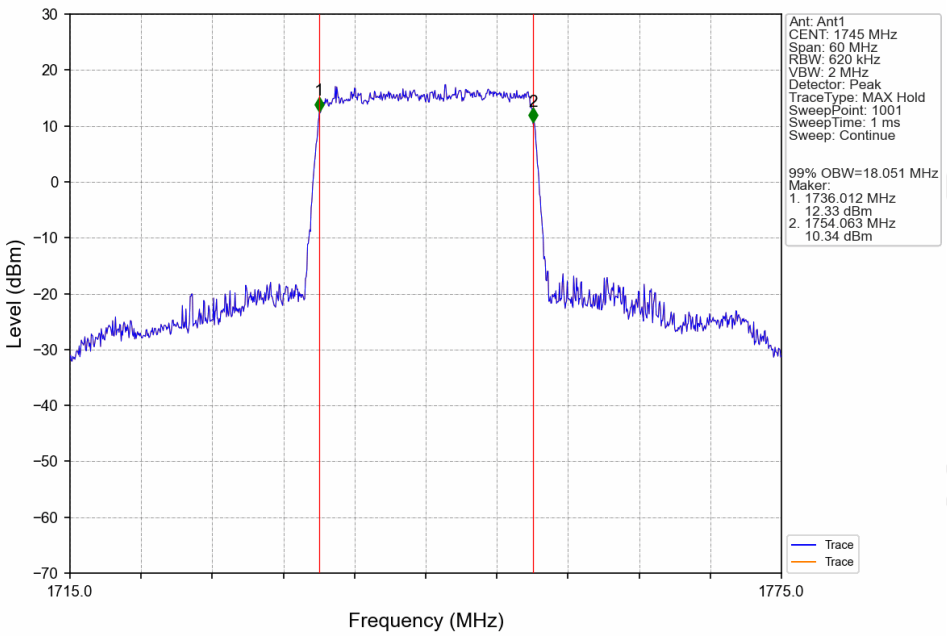
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



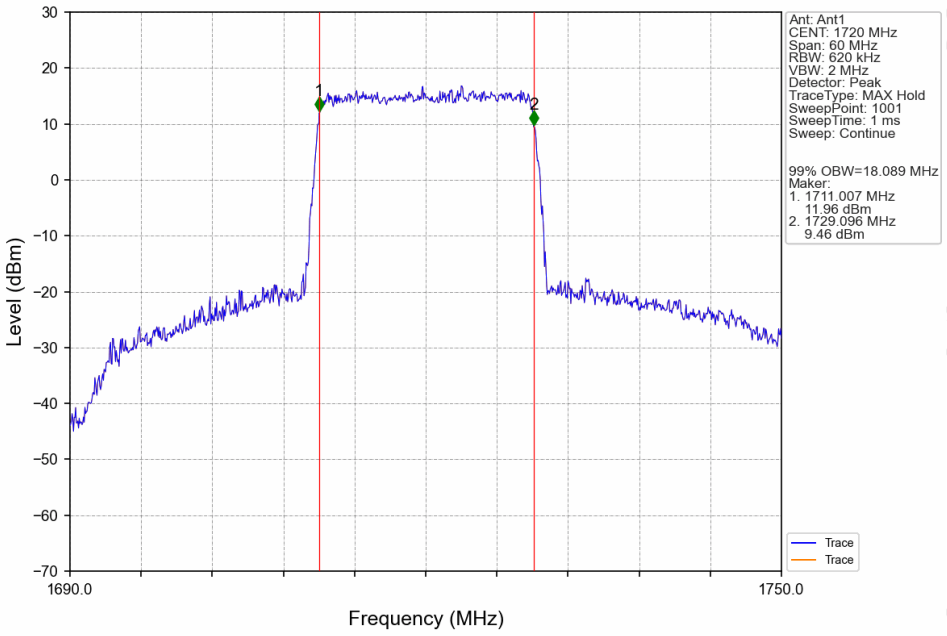
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



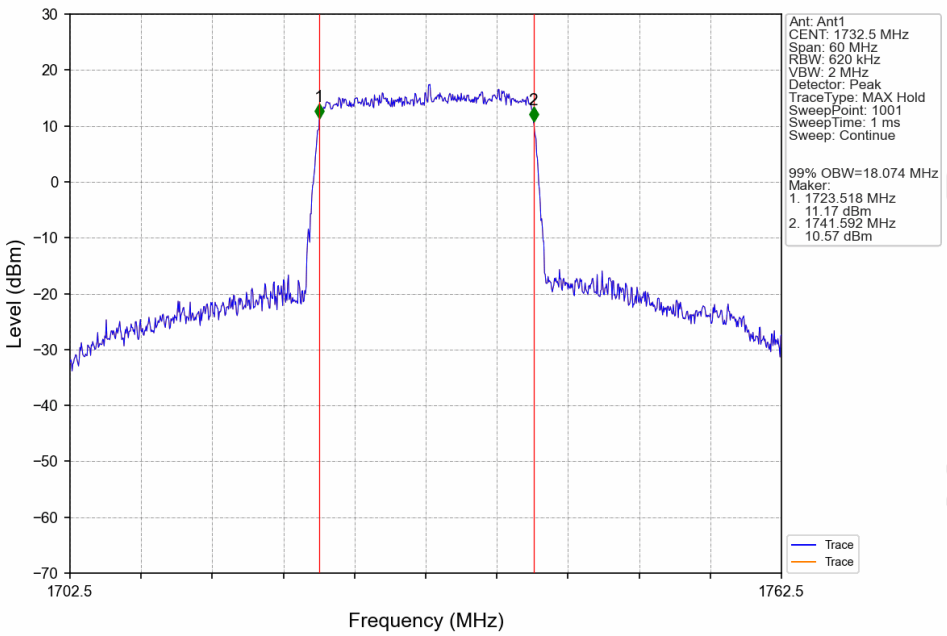
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



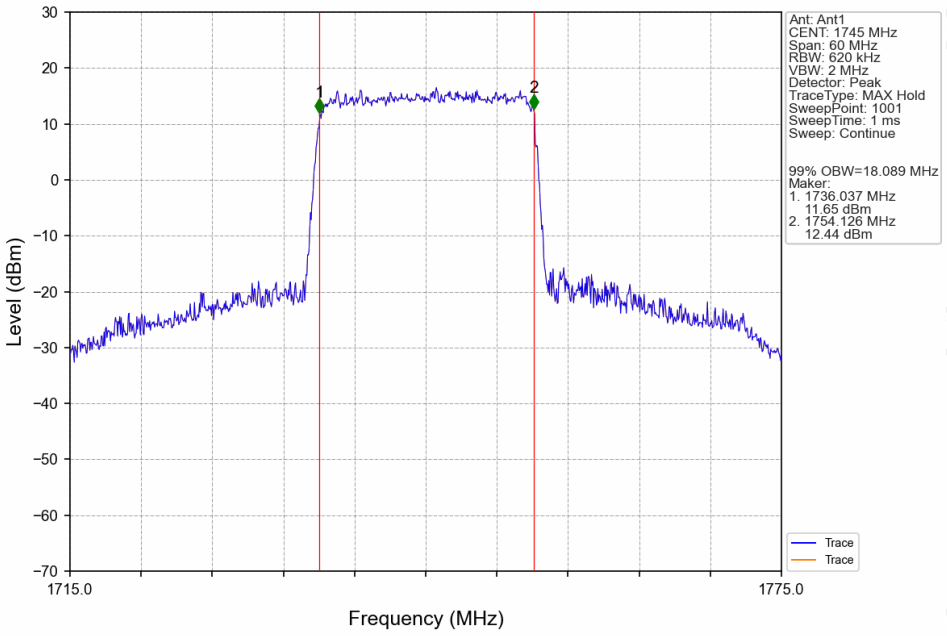
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV

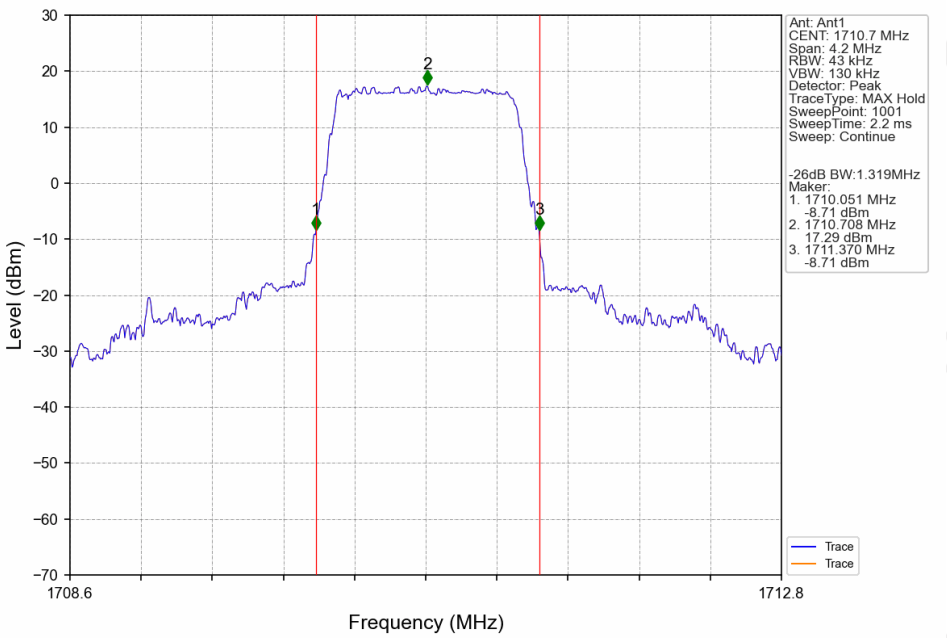


Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV

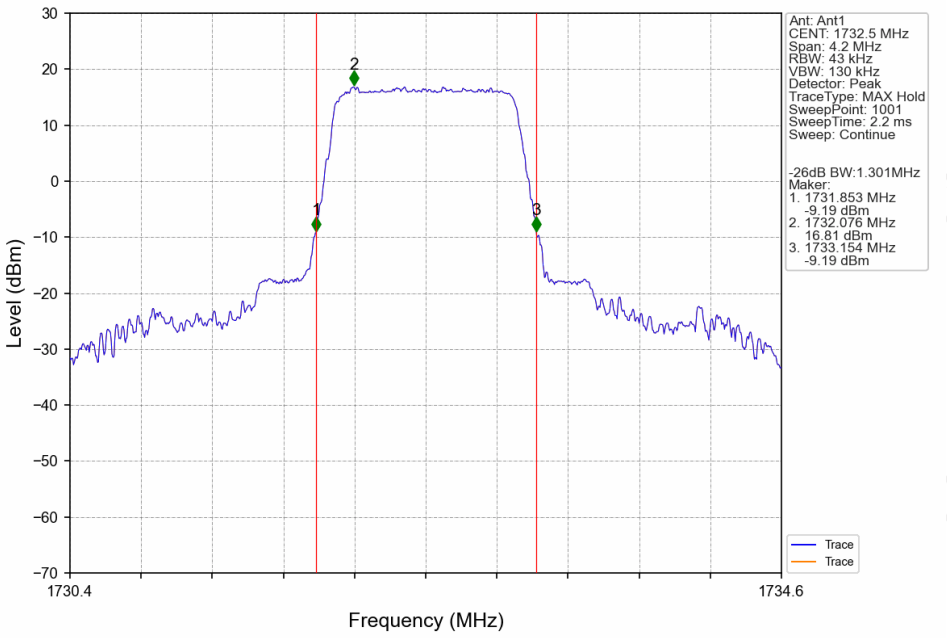


4.2.2 Band4_XDB

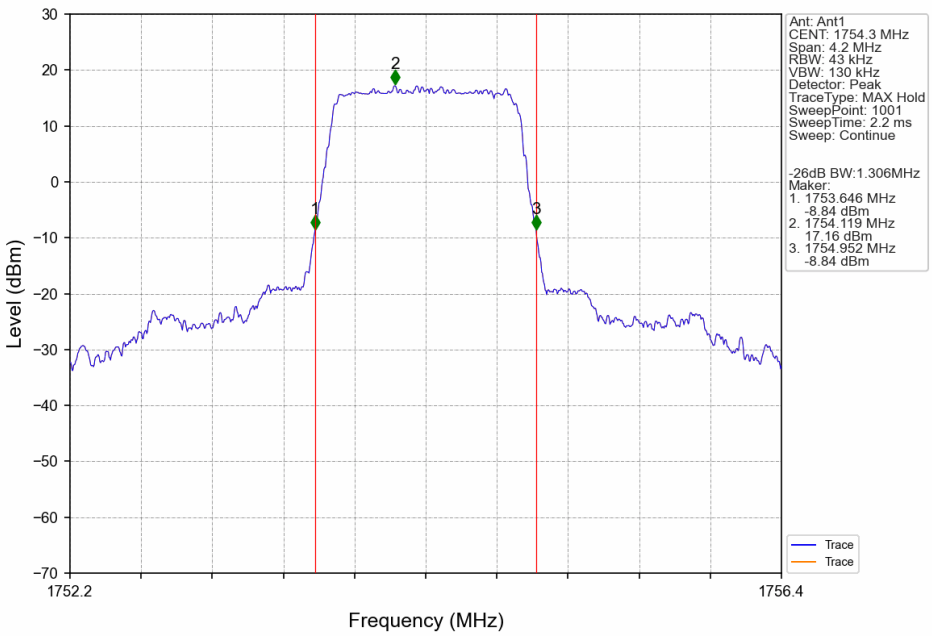
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



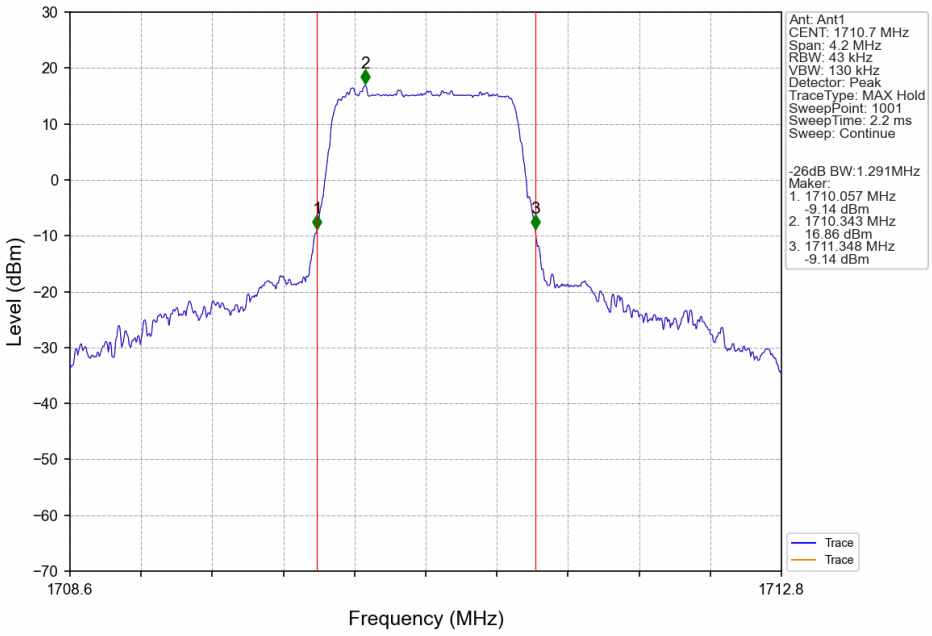
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



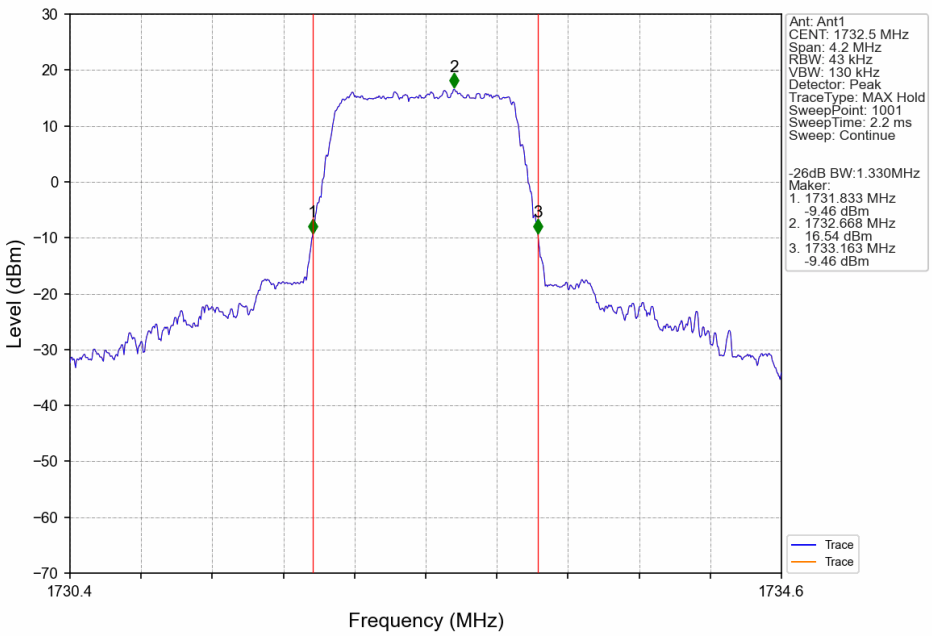
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



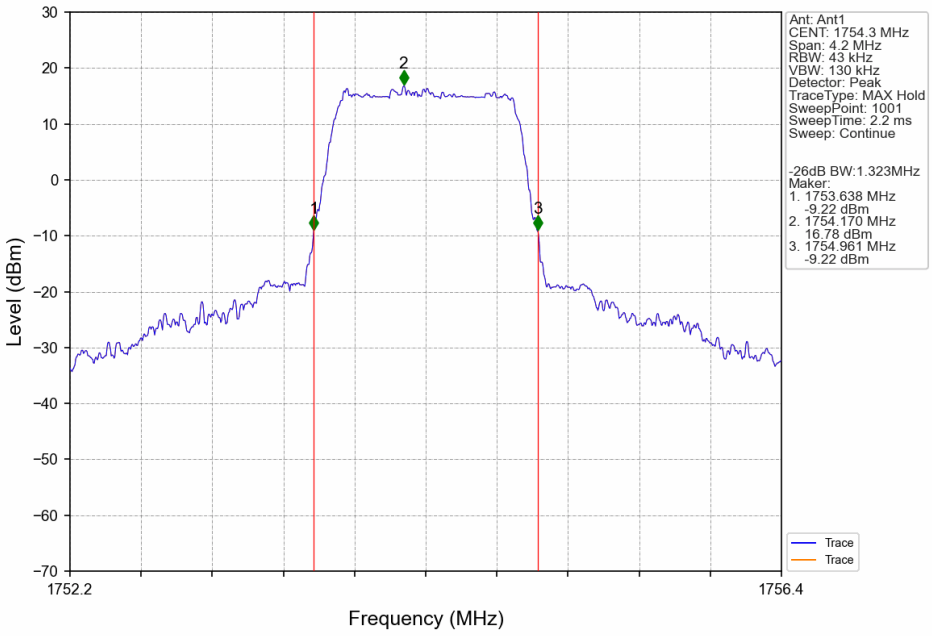
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



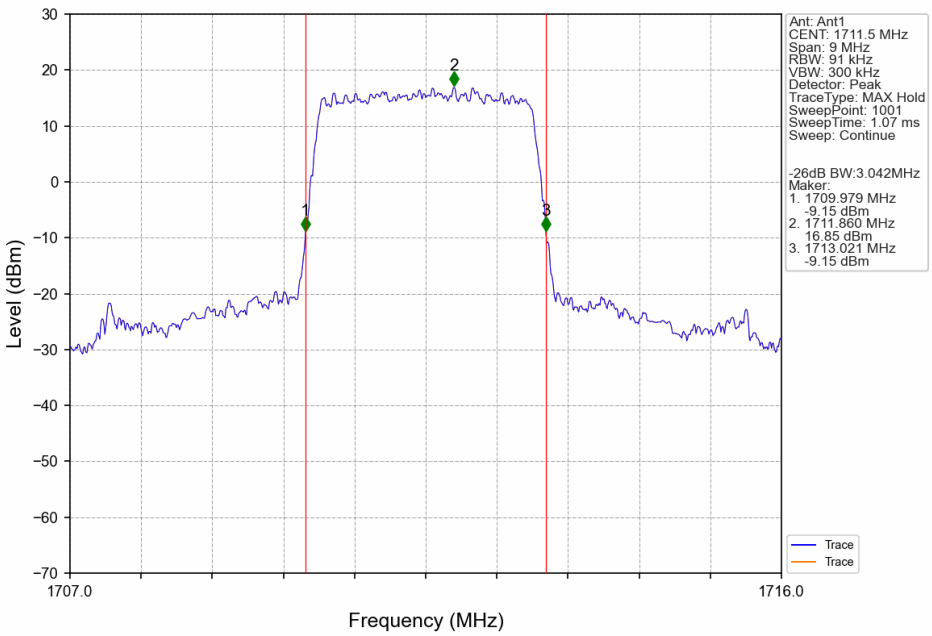
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



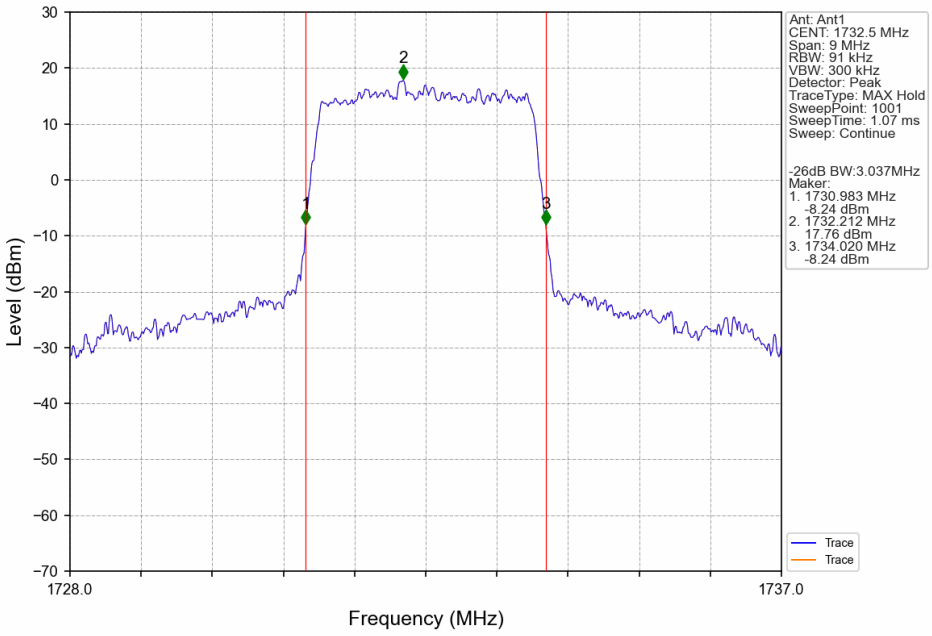
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



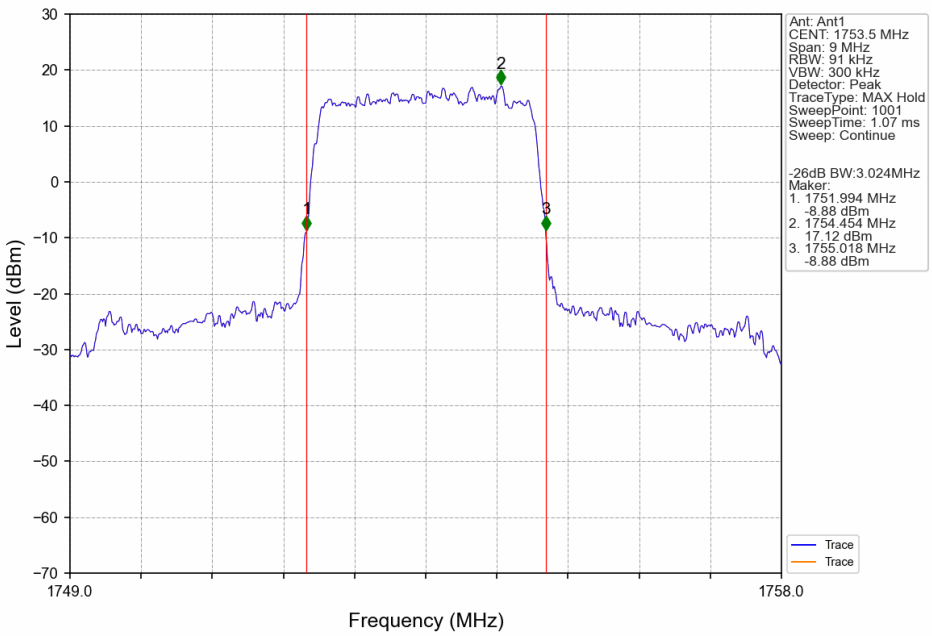
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



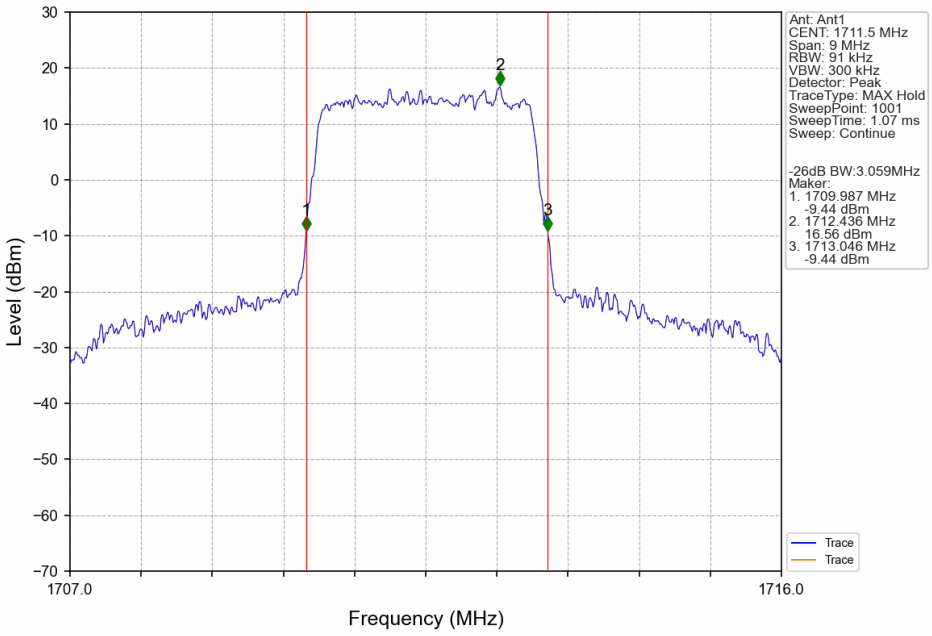
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



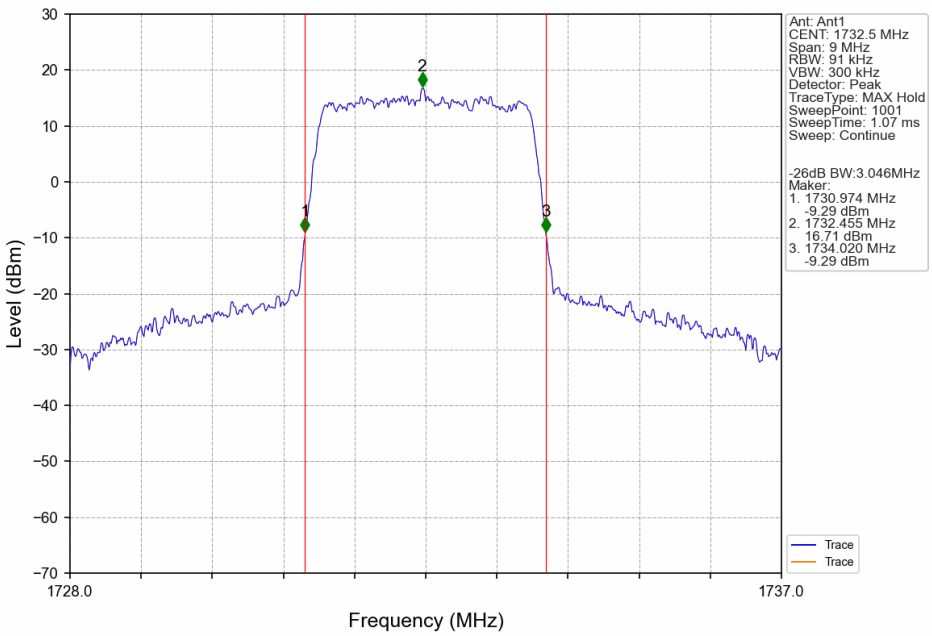
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



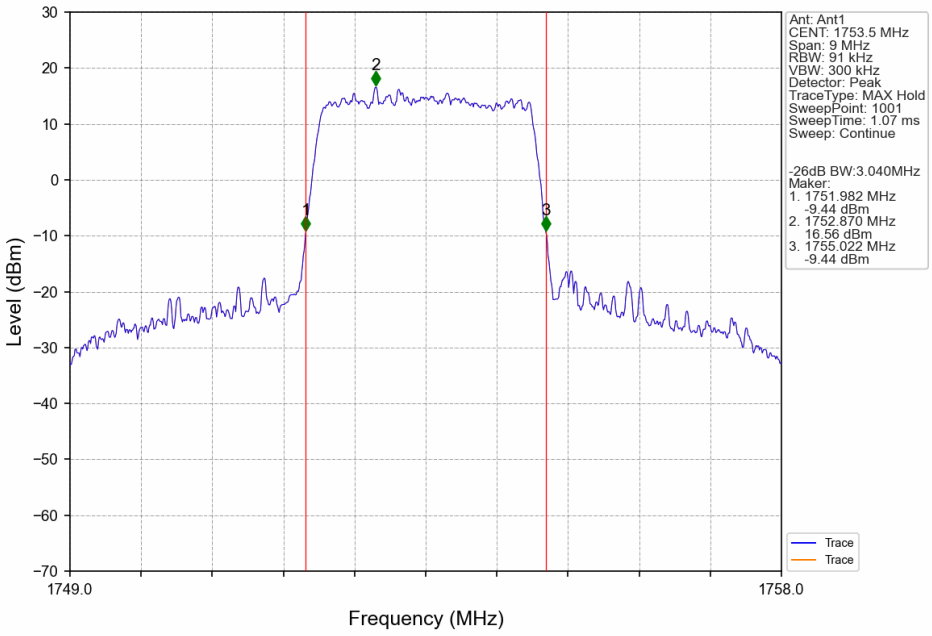
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



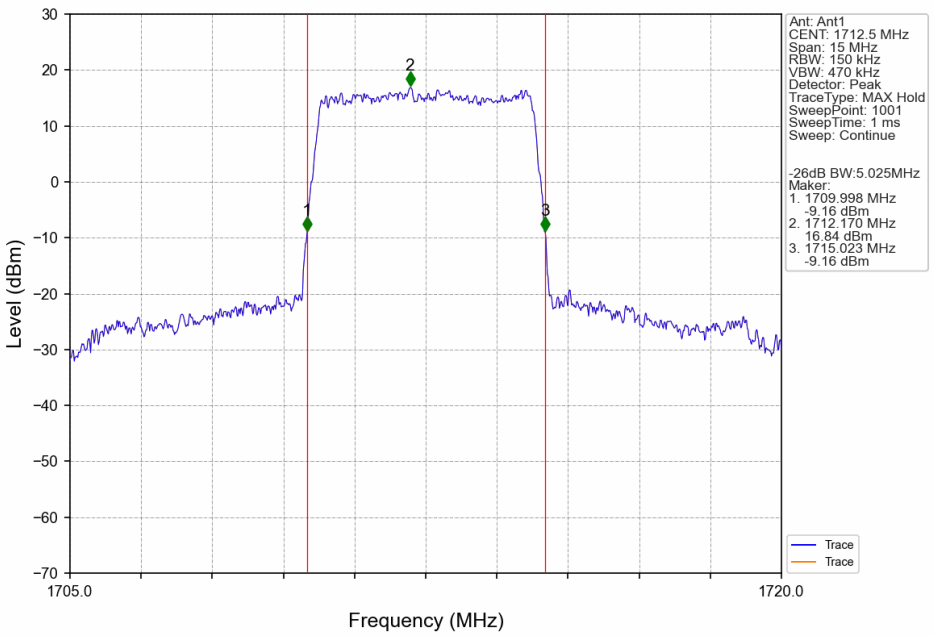
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



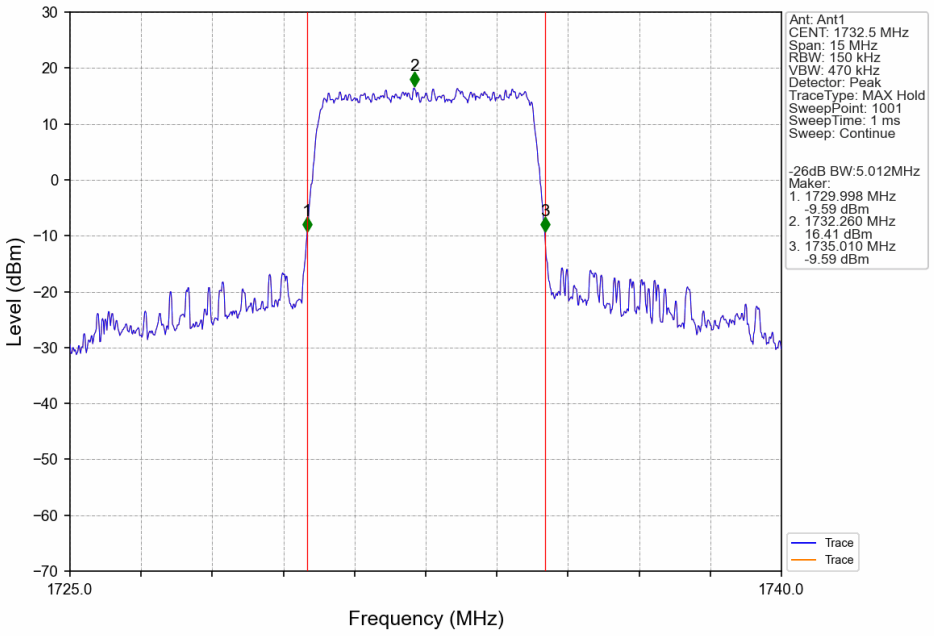
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



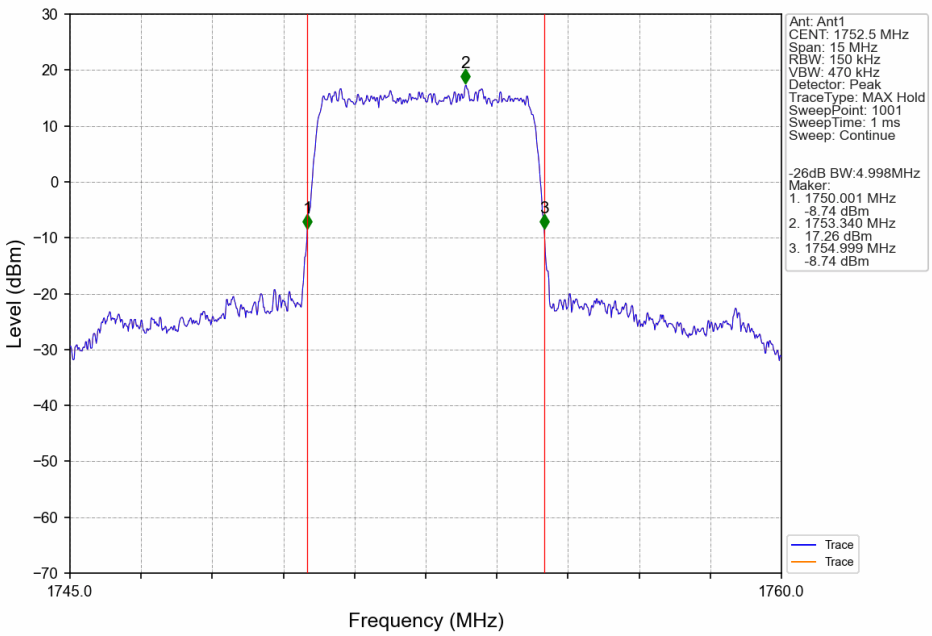
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



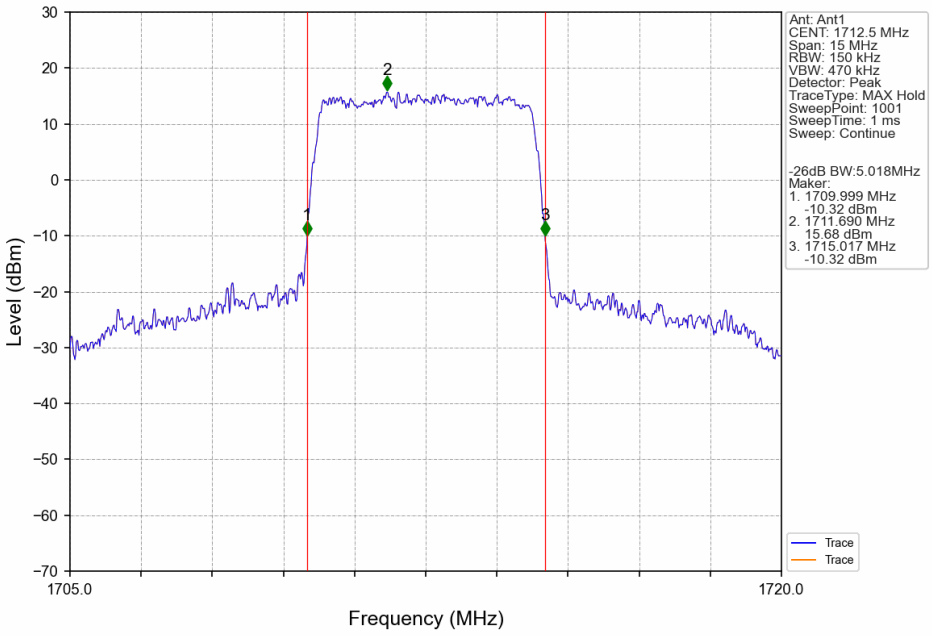
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



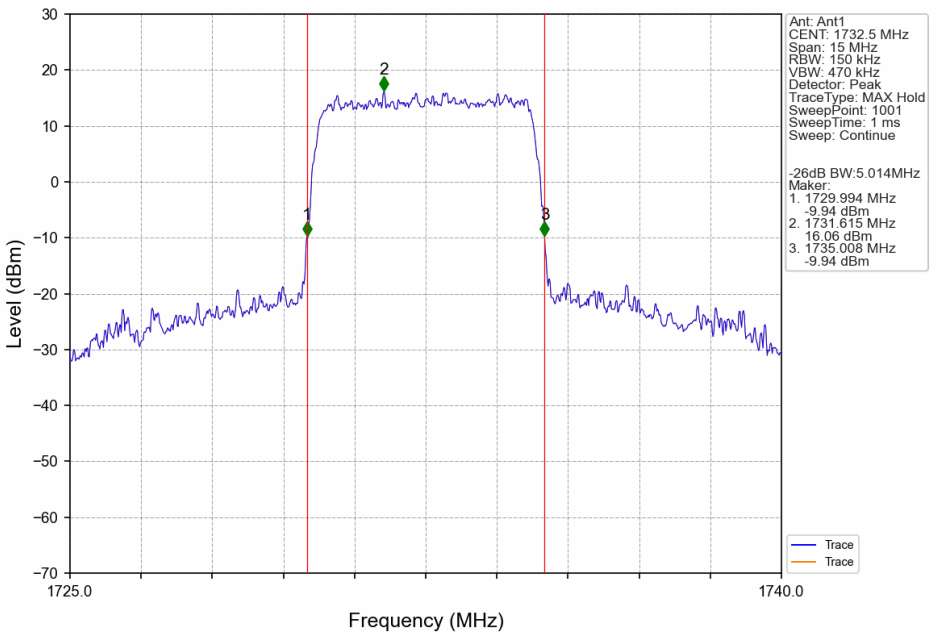
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



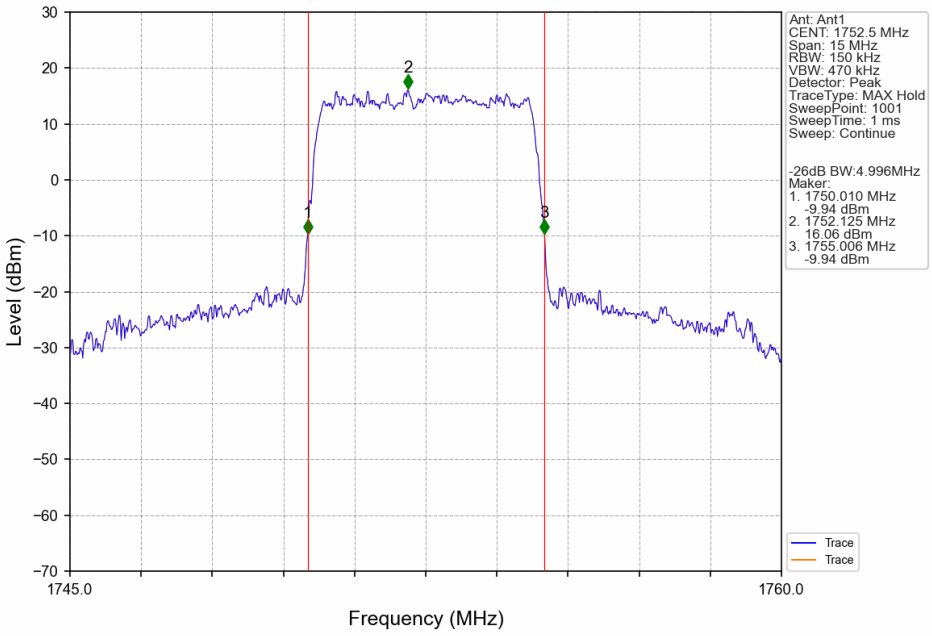
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



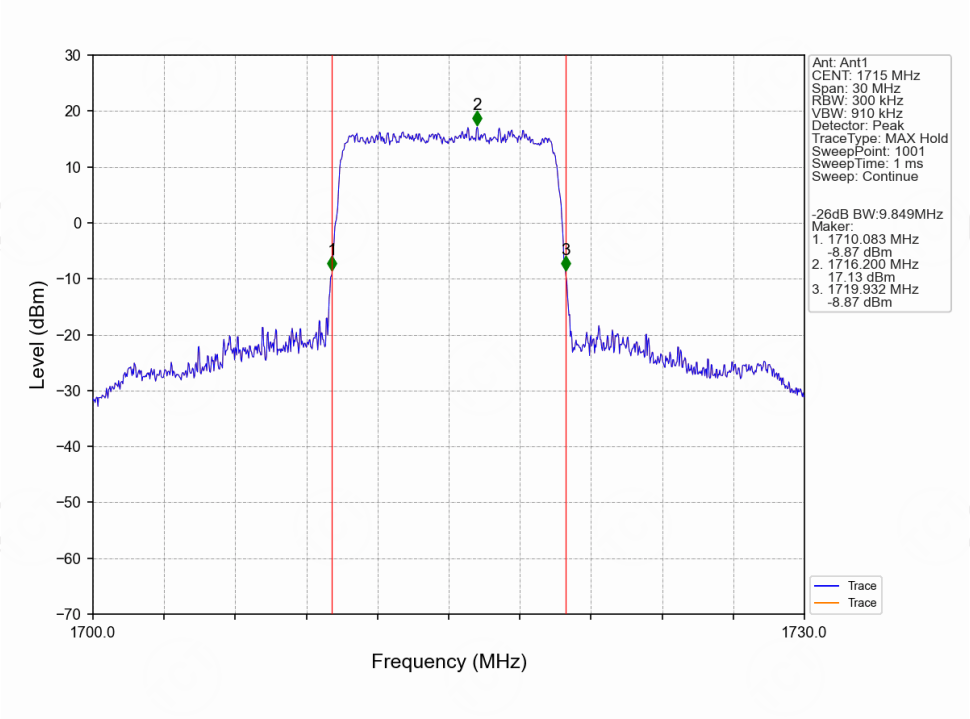
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



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