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	22.82	0.18	23.00	<=30	Pass
			2	22.97	0.18	23.15	<=30	Pass
			5	23.02	0.18	23.20	<=30	Pass
		3	0	22.91	0.18	23.09	<=30	Pass
			2	22.88	0.18	23.06	<=30	Pass
			3	22.95	0.18	23.13	<=30	Pass
		6	0	21.90	0.18	22.08	<=30	Pass
	1732.5	1	0	22.77	0.18	22.95	<=30	Pass
			2	22.77	0.18	22.95	<=30	Pass
			5	22.85	0.18	23.03	<=30	Pass
		3	0	22.89	0.18	23.07	<=30	Pass
			2	22.91	0.18	23.09	<=30	Pass
			3	22.83	0.18	23.01	<=30	Pass
		6	0	21.85	0.18	22.03	<=30	Pass
	1754.3	1	0	22.90	0.18	23.08	<=30	Pass
			2	22.87	0.18	23.05	<=30	Pass
			5	22.80	0.18	22.98	<=30	Pass
		3	0	22.75	0.18	22.93	<=30	Pass
			2	22.69	0.18	22.87	<=30	Pass
			3	22.76	0.18	22.94	<=30	Pass
		6	0	21.74	0.18	21.92	<=30	Pass
16QAM	1710.7	1	0	22.13	0.18	22.31	<=30	Pass
			2	22.19	0.18	22.37	<=30	Pass
			5	22.20	0.18	22.38	<=30	Pass
		3	0	22.07	0.18	22.25	<=30	Pass
			2	22.18	0.18	22.36	<=30	Pass
			3	22.16	0.18	22.34	<=30	Pass
		6	0	21.09	0.18	21.27	<=30	Pass
	1732.5	1	0	21.91	0.18	22.09	<=30	Pass
			2	21.91	0.18	22.09	<=30	Pass
			5	21.91	0.18	22.09	<=30	Pass
		3	0	21.78	0.18	21.96	<=30	Pass
			2	21.83	0.18	22.01	<=30	Pass
			3	21.81	0.18	21.99	<=30	Pass
		6	0	20.90	0.18	21.08	<=30	Pass
	1754.3	1	0	21.50	0.18	21.68	<=30	Pass
			2	21.44	0.18	21.62	<=30	Pass
			5	21.44	0.18	21.62	<=30	Pass
		3	0	21.52	0.18	21.70	<=30	Pass
			2	21.50	0.18	21.68	<=30	Pass
			3	21.50	0.18	21.68	<=30	Pass
		6	0	20.97	0.18	21.15	<=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	22.86	0.18	23.04	<=30	Pass
			7	22.94	0.18	23.12	<=30	Pass
			14	22.83	0.18	23.01	<=30	Pass
		8	0	21.87	0.18	22.05	<=30	Pass
			4	22.04	0.18	22.22	<=30	Pass
			7	21.91	0.18	22.09	<=30	Pass
		15	0	21.90	0.18	22.08	<=30	Pass
	1732.5	1	0	22.90	0.18	23.08	<=30	Pass
			7	22.93	0.18	23.11	<=30	Pass
			14	22.94	0.18	23.12	<=30	Pass
		8	0	21.90	0.18	22.08	<=30	Pass
			4	21.76	0.18	21.94	<=30	Pass
			7	21.70	0.18	21.88	<=30	Pass
		15	0	21.72	0.18	21.90	<=30	Pass
	1753.5	1	0	22.74	0.18	22.92	<=30	Pass
			7	22.70	0.18	22.88	<=30	Pass
			14	22.75	0.18	22.93	<=30	Pass
		8	0	21.70	0.18	21.88	<=30	Pass
			4	21.76	0.18	21.94	<=30	Pass
			7	21.74	0.18	21.92	<=30	Pass
		15	0	21.73	0.18	21.91	<=30	Pass
16QAM	1711.5	1	0	21.45	0.18	21.63	<=30	Pass
			7	21.44	0.18	21.62	<=30	Pass
			14	21.35	0.18	21.53	<=30	Pass
		8	0	21.21	0.18	21.39	<=30	Pass
			4	21.24	0.18	21.42	<=30	Pass
			7	21.15	0.18	21.33	<=30	Pass
		15	0	21.04	0.18	21.22	<=30	Pass
	1732.5	1	0	22.52	0.18	22.70	<=30	Pass
			7	22.46	0.18	22.64	<=30	Pass
			14	22.58	0.18	22.76	<=30	Pass
		8	0	21.04	0.18	21.22	<=30	Pass
			4	20.99	0.18	21.17	<=30	Pass
			7	21.01	0.18	21.19	<=30	Pass
		15	0	20.89	0.18	21.07	<=30	Pass
	1753.5	1	0	21.80	0.18	21.98	<=30	Pass
			7	21.74	0.18	21.92	<=30	Pass
			14	21.72	0.18	21.90	<=30	Pass
		8	0	20.97	0.18	21.15	<=30	Pass
			4	21.03	0.18	21.21	<=30	Pass
			7	20.98	0.18	21.16	<=30	Pass
		15	0	20.90	0.18	21.08	<=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	22.95	0.18	23.13	<=30	Pass
			13	22.61	0.18	22.79	<=30	Pass
			24	22.71	0.18	22.89	<=30	Pass
		12	0	22.00	0.18	22.18	<=30	Pass
			6	21.77	0.18	21.95	<=30	Pass
			13	21.83	0.18	22.01	<=30	Pass
		25	0	21.78	0.18	21.96	<=30	Pass
	1732.5	1	0	22.85	0.18	23.03	<=30	Pass
			13	22.83	0.18	23.01	<=30	Pass
			24	22.85	0.18	23.03	<=30	Pass
		12	0	21.91	0.18	22.09	<=30	Pass
			6	21.81	0.18	21.99	<=30	Pass
			13	21.88	0.18	22.06	<=30	Pass
		25	0	21.87	0.18	22.05	<=30	Pass
	1752.5	1	0	22.65	0.18	22.83	<=30	Pass
			13	22.52	0.18	22.70	<=30	Pass
			24	22.58	0.18	22.76	<=30	Pass
		12	0	21.73	0.18	21.91	<=30	Pass
			6	21.70	0.18	21.88	<=30	Pass
			13	21.75	0.18	21.93	<=30	Pass
		25	0	21.71	0.18	21.89	<=30	Pass
16QAM	1712.5	1	0	22.04	0.18	22.22	<=30	Pass
			13	21.90	0.18	22.08	<=30	Pass
			24	21.94	0.18	22.12	<=30	Pass
		12	0	20.98	0.18	21.16	<=30	Pass
			6	20.92	0.18	21.10	<=30	Pass
			13	20.93	0.18	21.11	<=30	Pass
		25	0	21.06	0.18	21.24	<=30	Pass
	1732.5	1	0	21.81	0.18	21.99	<=30	Pass
			13	21.93	0.18	22.11	<=30	Pass
			24	21.95	0.18	22.13	<=30	Pass
		12	0	20.92	0.18	21.10	<=30	Pass
			6	20.88	0.18	21.06	<=30	Pass
			13	20.74	0.18	20.92	<=30	Pass
		25	0	20.85	0.18	21.03	<=30	Pass
	1752.5	1	0	20.87	0.18	21.05	<=30	Pass
			13	20.97	0.18	21.15	<=30	Pass
			24	20.95	0.18	21.13	<=30	Pass
		12	0	20.77	0.18	20.95	<=30	Pass
			6	20.80	0.18	20.98	<=30	Pass
			13	20.79	0.18	20.97	<=30	Pass
		25	0	20.85	0.18	21.03	<=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	22.93	0.18	23.11	<=30	Pass
			25	22.89	0.18	23.07	<=30	Pass

			49	22.92	0.18	23.10	<=30	Pass
		25	0	21.89	0.18	22.07	<=30	Pass
			13	21.83	0.18	22.01	<=30	Pass
			25	21.94	0.18	22.12	<=30	Pass
		50	0	21.97	0.18	22.15	<=30	Pass
	1732.5	1	0	22.69	0.18	22.87	<=30	Pass
			25	22.75	0.18	22.93	<=30	Pass
			49	22.78	0.18	22.96	<=30	Pass
		25	0	21.87	0.18	22.05	<=30	Pass
			13	21.73	0.18	21.91	<=30	Pass
			25	21.87	0.18	22.05	<=30	Pass
		50	0	21.82	0.18	22.00	<=30	Pass
	1750	1	0	22.71	0.18	22.89	<=30	Pass
			25	22.65	0.18	22.83	<=30	Pass
			49	22.64	0.18	22.82	<=30	Pass
		25	0	21.64	0.18	21.82	<=30	Pass
			13	21.81	0.18	21.99	<=30	Pass
			25	21.74	0.18	21.92	<=30	Pass
		50	0	21.81	0.18	21.99	<=30	Pass
16QAM	1715	1	0	21.44	0.18	21.62	<=30	Pass
			25	21.31	0.18	21.49	<=30	Pass
			49	21.72	0.18	21.90	<=30	Pass
		25	0	21.09	0.18	21.27	<=30	Pass
			13	21.08	0.18	21.26	<=30	Pass
			25	21.11	0.18	21.29	<=30	Pass
		50	0	20.94	0.18	21.12	<=30	Pass
	1732.5	1	0	22.51	0.18	22.69	<=30	Pass
			25	22.58	0.18	22.76	<=30	Pass
			49	22.52	0.18	22.70	<=30	Pass
		25	0	20.99	0.18	21.17	<=30	Pass
			13	20.91	0.18	21.09	<=30	Pass
			25	21.03	0.18	21.21	<=30	Pass
		50	0	20.98	0.18	21.16	<=30	Pass
	1750	1	0	22.13	0.18	22.31	<=30	Pass
			25	22.04	0.18	22.22	<=30	Pass
			49	22.09	0.18	22.27	<=30	Pass
		25	0	20.78	0.18	20.96	<=30	Pass
			13	20.78	0.18	20.96	<=30	Pass
			25	20.76	0.18	20.94	<=30	Pass
		50	0	20.84	0.18	21.02	<=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	22.86	0.18	23.04	<=30	Pass
			38	22.79	0.18	22.97	<=30	Pass
			74	22.75	0.18	22.93	<=30	Pass
		36	0	21.76	0.18	21.94	<=30	Pass
			18	21.82	0.18	22.00	<=30	Pass
			39	21.85	0.18	22.03	<=30	Pass

		75	0	21.80	0.18	21.98	<=30	Pass
	1732.5	1	0	22.79	0.18	22.97	<=30	Pass
			38	22.74	0.18	22.92	<=30	Pass
			74	22.75	0.18	22.93	<=30	Pass
		36	0	21.82	0.18	22.00	<=30	Pass
			18	21.86	0.18	22.04	<=30	Pass
			39	21.82	0.18	22.00	<=30	Pass
		75	0	21.74	0.18	21.92	<=30	Pass
	1747.5	1	0	22.68	0.18	22.86	<=30	Pass
			38	22.64	0.18	22.82	<=30	Pass
			74	22.62	0.18	22.80	<=30	Pass
		36	0	21.85	0.18	22.03	<=30	Pass
			18	21.83	0.18	22.01	<=30	Pass
			39	21.69	0.18	21.87	<=30	Pass
		75	0	21.70	0.18	21.88	<=30	Pass
16QAM	1717.5	1	0	22.24	0.18	22.42	<=30	Pass
			38	22.15	0.18	22.33	<=30	Pass
			74	22.10	0.18	22.28	<=30	Pass
		36	0	20.85	0.18	21.03	<=30	Pass
			18	20.94	0.18	21.12	<=30	Pass
			39	20.89	0.18	21.07	<=30	Pass
		75	0	20.99	0.18	21.17	<=30	Pass
	1732.5	1	0	22.53	0.18	22.71	<=30	Pass
			38	22.49	0.18	22.67	<=30	Pass
			74	22.56	0.18	22.74	<=30	Pass
		36	0	20.86	0.18	21.04	<=30	Pass
			18	20.93	0.18	21.11	<=30	Pass
			39	20.93	0.18	21.11	<=30	Pass
		75	0	20.91	0.18	21.09	<=30	Pass
	1747.5	1	0	21.95	0.18	22.13	<=30	Pass
			38	21.96	0.18	22.14	<=30	Pass
			74	21.93	0.18	22.11	<=30	Pass
		36	0	21.04	0.18	21.22	<=30	Pass
			18	20.98	0.18	21.16	<=30	Pass
			39	20.85	0.18	21.03	<=30	Pass
		75	0	20.93	0.18	21.11	<=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	23.04	0.18	23.22	<=30	Pass
			50	22.91	0.18	23.09	<=30	Pass
			99	22.83	0.18	23.01	<=30	Pass
		50	0	21.83	0.18	22.01	<=30	Pass
			25	21.94	0.18	22.12	<=30	Pass
			50	21.94	0.18	22.12	<=30	Pass
		100	0	21.96	0.18	22.14	<=30	Pass
	1732.5	1	0	22.99	0.18	23.17	<=30	Pass
			50	23.02	0.18	23.20	<=30	Pass
			99	22.92	0.18	23.10	<=30	Pass

		50	0	21.90	0.18	22.08	<=30	Pass
			25	21.75	0.18	21.93	<=30	Pass
			50	21.77	0.18	21.95	<=30	Pass
		100	0	21.85	0.18	22.03	<=30	Pass
	1745	1	0	22.92	0.18	23.10	<=30	Pass
			50	22.91	0.18	23.09	<=30	Pass
			99	22.87	0.18	23.05	<=30	Pass
		50	0	21.72	0.18	21.90	<=30	Pass
			25	21.83	0.18	22.01	<=30	Pass
			50	21.80	0.18	21.98	<=30	Pass
		100	0	21.93	0.18	22.11	<=30	Pass
16QAM	1720	1	0	22.70	0.18	22.88	<=30	Pass
			50	22.69	0.18	22.87	<=30	Pass
			99	22.67	0.18	22.85	<=30	Pass
		50	0	20.87	0.18	21.05	<=30	Pass
			25	20.99	0.18	21.17	<=30	Pass
			50	20.97	0.18	21.15	<=30	Pass
		100	0	21.01	0.18	21.19	<=30	Pass
	1732.5	1	0	22.23	0.18	22.41	<=30	Pass
			50	22.14	0.18	22.32	<=30	Pass
			99	22.09	0.18	22.27	<=30	Pass
		50	0	21.09	0.18	21.27	<=30	Pass
			25	21.01	0.18	21.19	<=30	Pass
			50	21.03	0.18	21.21	<=30	Pass
		100	0	20.94	0.18	21.12	<=30	Pass
	1745	1	0	21.22	0.18	21.40	<=30	Pass
			50	21.48	0.18	21.66	<=30	Pass
			99	21.45	0.18	21.63	<=30	Pass
		50	0	20.95	0.18	21.13	<=30	Pass
			25	21.02	0.18	21.20	<=30	Pass
			50	20.88	0.18	21.06	<=30	Pass
		100	0	20.90	0.18	21.08	<=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	3.27	-12.646	-0.0074	-2.5 to 2.5	Pass
					3.85	-32.344	-0.0189	-2.5 to 2.5	Pass
					4.43	-22.073	-0.0129	-2.5 to 2.5	Pass
				-30	3.85	19.484	0.0114	-2.5 to 2.5	Pass
				-20	3.85	-12.617	-0.0074	-2.5 to 2.5	Pass
				-10	3.85	-7.238	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-37.193	-0.0217	-2.5 to 2.5	Pass
				10	3.85	-29.955	-0.0175	-2.5 to 2.5	Pass
				30	3.85	-21.343	-0.0125	-2.5 to 2.5	Pass
				40	3.85	-46.706	-0.0273	-2.5 to 2.5	Pass
				50	3.85	-16.379	-0.0096	-2.5 to 2.5	Pass

	1732.5	6	0	20	3.27	-11.601	-0.0067	-2.5 to 2.5	Pass
					3.85	-26.164	-0.0151	-2.5 to 2.5	Pass
					4.43	-38.266	-0.0221	-2.5 to 2.5	Pass
				-30	3.85	-19.155	-0.0111	-2.5 to 2.5	Pass
				-20	3.85	-31.471	-0.0182	-2.5 to 2.5	Pass
				-10	3.85	13.361	0.0077	-2.5 to 2.5	Pass
				0	3.85	11.630	0.0067	-2.5 to 2.5	Pass
				10	3.85	-10.200	-0.0059	-2.5 to 2.5	Pass
				30	3.85	-25.420	-0.0147	-2.5 to 2.5	Pass
				40	3.85	-5.193	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-17.567	-0.0101	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	4.706	0.0027	-2.5 to 2.5	Pass
					3.85	-0.429	-0.0002	-2.5 to 2.5	Pass
					4.43	-2.761	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-7.453	-0.0042	-2.5 to 2.5	Pass
				-20	3.85	-16.694	-0.0095	-2.5 to 2.5	Pass
				-10	3.85	-22.974	-0.0131	-2.5 to 2.5	Pass
				0	3.85	-34.018	-0.0194	-2.5 to 2.5	Pass
				10	3.85	-5.264	-0.0030	-2.5 to 2.5	Pass
				30	3.85	-16.050	-0.0091	-2.5 to 2.5	Pass
				40	3.85	-25.592	-0.0146	-2.5 to 2.5	Pass
				50	3.85	-29.483	-0.0168	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.27	-6.537	-0.0038	-2.5 to 2.5	Pass
					3.85	-34.118	-0.0199	-2.5 to 2.5	Pass
					4.43	-15.950	-0.0093	-2.5 to 2.5	Pass
				-30	3.85	33.445	0.0196	-2.5 to 2.5	Pass
				-20	3.85	5.922	0.0035	-2.5 to 2.5	Pass
				-10	3.85	9.813	0.0057	-2.5 to 2.5	Pass
				0	3.85	-1.988	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-21.544	-0.0126	-2.5 to 2.5	Pass
				30	3.85	-5.550	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-21.214	-0.0124	-2.5 to 2.5	Pass
				50	3.85	-37.923	-0.0222	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	-28.224	-0.0163	-2.5 to 2.5	Pass
					3.85	1.616	0.0009	-2.5 to 2.5	Pass
					4.43	-14.019	-0.0081	-2.5 to 2.5	Pass
				-30	3.85	-22.402	-0.0129	-2.5 to 2.5	Pass
				-20	3.85	-29.340	-0.0169	-2.5 to 2.5	Pass
				-10	3.85	-38.366	-0.0221	-2.5 to 2.5	Pass
				0	3.85	-9.470	-0.0055	-2.5 to 2.5	Pass
				10	3.85	-15.707	-0.0091	-2.5 to 2.5	Pass
				30	3.85	11.916	0.0069	-2.5 to 2.5	Pass
				40	3.85	21.243	0.0123	-2.5 to 2.5	Pass
				50	3.85	10.014	0.0058	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-36.106	-0.0206	-2.5 to 2.5	Pass
					3.85	-40.240	-0.0229	-2.5 to 2.5	Pass
					4.43	-6.294	-0.0036	-2.5 to 2.5	Pass
				-30	3.85	-7.868	-0.0045	-2.5 to 2.5	Pass
				-20	3.85	-10.200	-0.0058	-2.5 to 2.5	Pass
				-10	3.85	-10.972	-0.0063	-2.5 to 2.5	Pass
				0	3.85	-13.947	-0.0080	-2.5 to 2.5	Pass
				10	3.85	-16.794	-0.0096	-2.5 to 2.5	Pass
				30	3.85	7.210	0.0041	-2.5 to 2.5	Pass
				40	3.85	-3.619	-0.0021	-2.5 to 2.5	Pass
				50	3.85	29.726	0.0169	-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	3.27	-0.958	-0.0006	-2.5 to 2.5	Pass
					3.85	15.864	0.0093	-2.5 to 2.5	Pass
					4.43	-0.787	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-19.784	-0.0116	-2.5 to 2.5	Pass
				-20	3.85	-40.054	-0.0234	-2.5 to 2.5	Pass
				-10	3.85	-26.007	-0.0152	-2.5 to 2.5	Pass
				0	3.85	-44.875	-0.0262	-2.5 to 2.5	Pass
				10	3.85	-47.693	-0.0279	-2.5 to 2.5	Pass
				30	3.85	13.347	0.0078	-2.5 to 2.5	Pass
				40	3.85	8.769	0.0051	-2.5 to 2.5	Pass
				50	3.85	19.441	0.0114	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	-3.247	-0.0019	-2.5 to 2.5	Pass
					3.85	-29.111	-0.0168	-2.5 to 2.5	Pass
					4.43	30.956	0.0179	-2.5 to 2.5	Pass
				-30	3.85	22.273	0.0129	-2.5 to 2.5	Pass
				-20	3.85	12.159	0.0070	-2.5 to 2.5	Pass
				-10	3.85	2.203	0.0013	-2.5 to 2.5	Pass
				0	3.85	-10.657	-0.0062	-2.5 to 2.5	Pass
				10	3.85	-23.746	-0.0137	-2.5 to 2.5	Pass
				30	3.85	-31.400	-0.0181	-2.5 to 2.5	Pass
				40	3.85	-11.144	-0.0064	-2.5 to 2.5	Pass
				50	3.85	-1.359	-0.0008	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	-18.082	-0.0103	-2.5 to 2.5	Pass
					3.85	-22.359	-0.0128	-2.5 to 2.5	Pass
					4.43	-25.048	-0.0143	-2.5 to 2.5	Pass
				-30	3.85	-31.285	-0.0178	-2.5 to 2.5	Pass
				-20	3.85	-14.219	-0.0081	-2.5 to 2.5	Pass
				-10	3.85	22.373	0.0128	-2.5 to 2.5	Pass
				0	3.85	8.054	0.0046	-2.5 to 2.5	Pass
				10	3.85	-1.845	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-8.097	-0.0046	-2.5 to 2.5	Pass
				40	3.85	-11.287	-0.0064	-2.5 to 2.5	Pass
				50	3.85	-18.125	-0.0103	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	-21.443	-0.0125	-2.5 to 2.5	Pass
					3.85	-24.791	-0.0145	-2.5 to 2.5	Pass
					4.43	-35.319	-0.0206	-2.5 to 2.5	Pass
				-30	3.85	-6.266	-0.0037	-2.5 to 2.5	Pass
				-20	3.85	-18.082	-0.0106	-2.5 to 2.5	Pass
				-10	3.85	-26.736	-0.0156	-2.5 to 2.5	Pass
				0	3.85	-40.097	-0.0234	-2.5 to 2.5	Pass
				10	3.85	3.433	0.0020	-2.5 to 2.5	Pass
				30	3.85	-2.246	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-13.976	-0.0082	-2.5 to 2.5	Pass
				50	3.85	-18.182	-0.0106	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	-10.686	-0.0062	-2.5 to 2.5	Pass
					3.85	-19.269	-0.0111	-2.5 to 2.5	Pass
					4.43	-23.761	-0.0137	-2.5 to 2.5	Pass
				-30	3.85	-28.882	-0.0167	-2.5 to 2.5	Pass
				-20	3.85	24.562	0.0142	-2.5 to 2.5	Pass

				-10	3.85	30.556	0.0176	-2.5 to 2.5	Pass
				0	3.85	22.016	0.0127	-2.5 to 2.5	Pass
				10	3.85	17.710	0.0102	-2.5 to 2.5	Pass
				30	3.85	12.059	0.0070	-2.5 to 2.5	Pass
				40	3.85	8.783	0.0051	-2.5 to 2.5	Pass
				50	3.85	6.952	0.0040	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	-18.611	-0.0106	-2.5 to 2.5	Pass
					3.85	-22.602	-0.0129	-2.5 to 2.5	Pass
					4.43	-21.729	-0.0124	-2.5 to 2.5	Pass
				-30	3.85	-45.247	-0.0258	-2.5 to 2.5	Pass
				-20	3.85	-2.074	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-24.462	-0.0140	-2.5 to 2.5	Pass
				0	3.85	40.627	0.0232	-2.5 to 2.5	Pass
				10	3.85	26.951	0.0154	-2.5 to 2.5	Pass
				30	3.85	20.828	0.0119	-2.5 to 2.5	Pass
				40	3.85	19.083	0.0109	-2.5 to 2.5	Pass
				50	3.85	22.516	0.0128	-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	3.27	20.785	0.0121	-2.5 to 2.5	Pass
					3.85	13.375	0.0078	-2.5 to 2.5	Pass
					4.43	2.604	0.0015	-2.5 to 2.5	Pass
				-30	3.85	-11.902	-0.0070	-2.5 to 2.5	Pass
				-20	3.85	-29.826	-0.0174	-2.5 to 2.5	Pass
				-10	3.85	-9.785	-0.0057	-2.5 to 2.5	Pass
				0	3.85	-26.650	-0.0156	-2.5 to 2.5	Pass
				10	3.85	-7.854	-0.0046	-2.5 to 2.5	Pass
				30	3.85	-22.459	-0.0131	-2.5 to 2.5	Pass
				40	3.85	-39.110	-0.0228	-2.5 to 2.5	Pass
				50	3.85	-3.777	-0.0022	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	-16.379	-0.0095	-2.5 to 2.5	Pass
					3.85	-23.746	-0.0137	-2.5 to 2.5	Pass
					4.43	-32.244	-0.0186	-2.5 to 2.5	Pass
				-30	3.85	-14.234	-0.0082	-2.5 to 2.5	Pass
				-20	3.85	31.958	0.0184	-2.5 to 2.5	Pass
				-10	3.85	24.891	0.0144	-2.5 to 2.5	Pass
				0	3.85	11.301	0.0065	-2.5 to 2.5	Pass
				10	3.85	-2.074	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-13.032	-0.0075	-2.5 to 2.5	Pass
				40	3.85	-23.918	-0.0138	-2.5 to 2.5	Pass
				50	3.85	-12.531	-0.0072	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-1.416	-0.0008	-2.5 to 2.5	Pass
					3.85	-3.018	-0.0017	-2.5 to 2.5	Pass
					4.43	-5.908	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-8.984	-0.0051	-2.5 to 2.5	Pass
				-20	3.85	-15.521	-0.0089	-2.5 to 2.5	Pass
				-10	3.85	-21.400	-0.0122	-2.5 to 2.5	Pass
				0	3.85	17.295	0.0099	-2.5 to 2.5	Pass
				10	3.85	8.883	0.0051	-2.5 to 2.5	Pass

				30	3.85	2.546	0.0015	-2.5 to 2.5	Pass
				40	3.85	-3.262	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-7.796	-0.0044	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	-21.400	-0.0125	-2.5 to 2.5	Pass
					3.85	-32.244	-0.0188	-2.5 to 2.5	Pass
					4.43	-42.000	-0.0245	-2.5 to 2.5	Pass
				-30	3.85	36.879	0.0215	-2.5 to 2.5	Pass
				-20	3.85	-17.109	-0.0100	-2.5 to 2.5	Pass
				-10	3.85	-25.134	-0.0147	-2.5 to 2.5	Pass
				0	3.85	-36.035	-0.0210	-2.5 to 2.5	Pass
				10	3.85	-44.088	-0.0257	-2.5 to 2.5	Pass
				30	3.85	-34.146	-0.0199	-2.5 to 2.5	Pass
				40	3.85	-7.224	-0.0042	-2.5 to 2.5	Pass
				50	3.85	-13.504	-0.0079	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	-26.379	-0.0152	-2.5 to 2.5	Pass
					3.85	-30.398	-0.0175	-2.5 to 2.5	Pass
					4.43	-7.639	-0.0044	-2.5 to 2.5	Pass
				-30	3.85	-14.405	-0.0083	-2.5 to 2.5	Pass
				-20	3.85	-17.037	-0.0098	-2.5 to 2.5	Pass
				-10	3.85	-19.670	-0.0114	-2.5 to 2.5	Pass
				0	3.85	-17.037	-0.0098	-2.5 to 2.5	Pass
				10	3.85	25.692	0.0148	-2.5 to 2.5	Pass
				30	3.85	20.514	0.0118	-2.5 to 2.5	Pass
				40	3.85	18.969	0.0109	-2.5 to 2.5	Pass
				50	3.85	17.381	0.0100	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-10.786	-0.0062	-2.5 to 2.5	Pass
					3.85	-11.773	-0.0067	-2.5 to 2.5	Pass
					4.43	-13.447	-0.0077	-2.5 to 2.5	Pass
				-30	3.85	-15.092	-0.0086	-2.5 to 2.5	Pass
				-20	3.85	-13.647	-0.0078	-2.5 to 2.5	Pass
				-10	3.85	-15.950	-0.0091	-2.5 to 2.5	Pass
				0	3.85	-28.410	-0.0162	-2.5 to 2.5	Pass
				10	3.85	-19.884	-0.0113	-2.5 to 2.5	Pass
				30	3.85	19.727	0.0113	-2.5 to 2.5	Pass
				40	3.85	32.673	0.0186	-2.5 to 2.5	Pass
				50	3.85	30.742	0.0175	-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	3.27	19.355	0.0113	-2.5 to 2.5	Pass
					3.85	12.274	0.0072	-2.5 to 2.5	Pass
					4.43	-6.609	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-18.153	-0.0106	-2.5 to 2.5	Pass
				-20	3.85	5.250	0.0031	-2.5 to 2.5	Pass
				-10	3.85	-20.585	-0.0120	-2.5 to 2.5	Pass
				0	3.85	-5.236	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-21.343	-0.0124	-2.5 to 2.5	Pass
				30	3.85	11.916	0.0069	-2.5 to 2.5	Pass
				40	3.85	0.715	0.0004	-2.5 to 2.5	Pass
				50	3.85	-13.433	-0.0078	-2.5 to 2.5	Pass

	1732.5	50	0	20	3.27	-18.168	-0.0105	-2.5 to 2.5	Pass
					3.85	-27.723	-0.0160	-2.5 to 2.5	Pass
					4.43	32.630	0.0188	-2.5 to 2.5	Pass
				-30	3.85	16.294	0.0094	-2.5 to 2.5	Pass
				-20	3.85	-0.143	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-10.886	-0.0063	-2.5 to 2.5	Pass
				0	3.85	-23.990	-0.0138	-2.5 to 2.5	Pass
				10	3.85	-25.821	-0.0149	-2.5 to 2.5	Pass
				30	3.85	4.091	0.0024	-2.5 to 2.5	Pass
				40	3.85	-8.955	-0.0052	-2.5 to 2.5	Pass
				50	3.85	-17.509	-0.0101	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	2.189	0.0013	-2.5 to 2.5	Pass
					3.85	1.945	0.0011	-2.5 to 2.5	Pass
					4.43	-4.163	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-14.391	-0.0082	-2.5 to 2.5	Pass
				-20	3.85	-20.885	-0.0119	-2.5 to 2.5	Pass
				-10	3.85	18.311	0.0105	-2.5 to 2.5	Pass
				0	3.85	9.642	0.0055	-2.5 to 2.5	Pass
				10	3.85	42.987	0.0246	-2.5 to 2.5	Pass
				30	3.85	37.522	0.0214	-2.5 to 2.5	Pass
				40	3.85	35.205	0.0201	-2.5 to 2.5	Pass
				50	3.85	30.069	0.0172	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	-21.415	-0.0125	-2.5 to 2.5	Pass
					3.85	-25.649	-0.0150	-2.5 to 2.5	Pass
					4.43	-30.684	-0.0179	-2.5 to 2.5	Pass
				-30	3.85	-35.276	-0.0206	-2.5 to 2.5	Pass
				-20	3.85	-40.426	-0.0236	-2.5 to 2.5	Pass
				-10	3.85	12.646	0.0074	-2.5 to 2.5	Pass
				0	3.85	4.864	0.0028	-2.5 to 2.5	Pass
				10	3.85	-0.744	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-5.436	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-8.240	-0.0048	-2.5 to 2.5	Pass
				50	3.85	-17.066	-0.0100	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	-27.437	-0.0158	-2.5 to 2.5	Pass
					3.85	-32.358	-0.0187	-2.5 to 2.5	Pass
					4.43	-0.114	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	15.650	0.0090	-2.5 to 2.5	Pass
				-20	3.85	-1.187	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	3.791	0.0022	-2.5 to 2.5	Pass
				0	3.85	1.144	0.0007	-2.5 to 2.5	Pass
				10	3.85	-24.648	-0.0142	-2.5 to 2.5	Pass
				30	3.85	-27.781	-0.0160	-2.5 to 2.5	Pass
				40	3.85	-32.301	-0.0186	-2.5 to 2.5	Pass
				50	3.85	-32.501	-0.0188	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	29.569	0.0169	-2.5 to 2.5	Pass
					3.85	29.325	0.0168	-2.5 to 2.5	Pass
					4.43	30.098	0.0172	-2.5 to 2.5	Pass
				-30	3.85	30.699	0.0175	-2.5 to 2.5	Pass
				-20	3.85	29.068	0.0166	-2.5 to 2.5	Pass
				-10	3.85	-3.877	-0.0022	-2.5 to 2.5	Pass
				0	3.85	28.625	0.0164	-2.5 to 2.5	Pass
				10	3.85	27.566	0.0158	-2.5 to 2.5	Pass
				30	3.85	29.883	0.0171	-2.5 to 2.5	Pass
				40	3.85	28.453	0.0163	-2.5 to 2.5	Pass
				50	3.85	30.198	0.0173	-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	3.27	5.236	0.0030	-2.5 to 2.5	Pass
					3.85	-11.272	-0.0066	-2.5 to 2.5	Pass
					4.43	-25.249	-0.0147	-2.5 to 2.5	Pass
				-30	3.85	-8.569	-0.0050	-2.5 to 2.5	Pass
				-20	3.85	-28.338	-0.0165	-2.5 to 2.5	Pass
				-10	3.85	-8.712	-0.0051	-2.5 to 2.5	Pass
				0	3.85	-21.544	-0.0125	-2.5 to 2.5	Pass
				10	3.85	-16.522	-0.0096	-2.5 to 2.5	Pass
				30	3.85	-26.121	-0.0152	-2.5 to 2.5	Pass
				40	3.85	12.360	0.0072	-2.5 to 2.5	Pass
				50	3.85	1.988	0.0012	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	-11.702	-0.0068	-2.5 to 2.5	Pass
					3.85	-17.610	-0.0102	-2.5 to 2.5	Pass
					4.43	-26.851	-0.0155	-2.5 to 2.5	Pass
				-30	3.85	-19.612	-0.0113	-2.5 to 2.5	Pass
				-20	3.85	-8.068	-0.0047	-2.5 to 2.5	Pass
				-10	3.85	-17.424	-0.0101	-2.5 to 2.5	Pass
				0	3.85	14.620	0.0084	-2.5 to 2.5	Pass
				10	3.85	1.802	0.0010	-2.5 to 2.5	Pass
				30	3.85	3.033	0.0018	-2.5 to 2.5	Pass
				40	3.85	5.035	0.0029	-2.5 to 2.5	Pass
				50	3.85	-8.354	-0.0048	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	-2.604	-0.0015	-2.5 to 2.5	Pass
					3.85	-2.074	-0.0012	-2.5 to 2.5	Pass
					4.43	-7.424	-0.0042	-2.5 to 2.5	Pass
				-30	3.85	-11.830	-0.0068	-2.5 to 2.5	Pass
				-20	3.85	-20.027	-0.0115	-2.5 to 2.5	Pass
				-10	3.85	1.359	0.0008	-2.5 to 2.5	Pass
				0	3.85	11.430	0.0065	-2.5 to 2.5	Pass
				10	3.85	7.768	0.0044	-2.5 to 2.5	Pass
				30	3.85	1.917	0.0011	-2.5 to 2.5	Pass
				40	3.85	-3.562	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-9.055	-0.0052	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	-5.336	-0.0031	-2.5 to 2.5	Pass
					3.85	-5.021	-0.0029	-2.5 to 2.5	Pass
					4.43	-11.373	-0.0066	-2.5 to 2.5	Pass
				-30	3.85	-11.973	-0.0070	-2.5 to 2.5	Pass
				-20	3.85	-14.763	-0.0086	-2.5 to 2.5	Pass
				-10	3.85	-17.238	-0.0100	-2.5 to 2.5	Pass
				0	3.85	-23.375	-0.0136	-2.5 to 2.5	Pass
				10	3.85	3.204	0.0019	-2.5 to 2.5	Pass
				30	3.85	0.486	0.0003	-2.5 to 2.5	Pass
				40	3.85	10.958	0.0064	-2.5 to 2.5	Pass
				50	3.85	8.340	0.0049	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	-15.850	-0.0091	-2.5 to 2.5	Pass
					3.85	-13.862	-0.0080	-2.5 to 2.5	Pass
					4.43	-22.202	-0.0128	-2.5 to 2.5	Pass
				-30	3.85	-20.485	-0.0118	-2.5 to 2.5	Pass
				-20	3.85	28.510	0.0165	-2.5 to 2.5	Pass

				-10	3.85	27.223	0.0157	-2.5 to 2.5	Pass
				0	3.85	31.943	0.0184	-2.5 to 2.5	Pass
				10	3.85	33.703	0.0195	-2.5 to 2.5	Pass
				30	3.85	13.962	0.0081	-2.5 to 2.5	Pass
				40	3.85	12.488	0.0072	-2.5 to 2.5	Pass
				50	3.85	13.418	0.0077	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	-11.544	-0.0066	-2.5 to 2.5	Pass
					3.85	-10.929	-0.0063	-2.5 to 2.5	Pass
					4.43	-11.230	-0.0064	-2.5 to 2.5	Pass
				-30	3.85	-16.065	-0.0092	-2.5 to 2.5	Pass
				-20	3.85	-5.193	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-4.807	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-4.907	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-4.406	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-8.283	-0.0047	-2.5 to 2.5	Pass
				40	3.85	-8.354	-0.0048	-2.5 to 2.5	Pass
				50	3.85	-9.799	-0.0056	-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	3.27	1.330	0.0008	-2.5 to 2.5	Pass
					3.85	-2.346	-0.0014	-2.5 to 2.5	Pass
					4.43	-17.066	-0.0099	-2.5 to 2.5	Pass
				-30	3.85	-36.020	-0.0209	-2.5 to 2.5	Pass
				-20	3.85	6.423	0.0037	-2.5 to 2.5	Pass
				-10	3.85	24.962	0.0145	-2.5 to 2.5	Pass
				0	3.85	13.733	0.0080	-2.5 to 2.5	Pass
				10	3.85	2.146	0.0012	-2.5 to 2.5	Pass
				30	3.85	-12.016	-0.0070	-2.5 to 2.5	Pass
				40	3.85	-23.975	-0.0139	-2.5 to 2.5	Pass
				50	3.85	-3.791	-0.0022	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-6.022	-0.0035	-2.5 to 2.5	Pass
					3.85	-14.548	-0.0084	-2.5 to 2.5	Pass
					4.43	-27.423	-0.0158	-2.5 to 2.5	Pass
				-30	3.85	-20.857	-0.0120	-2.5 to 2.5	Pass
				-20	3.85	-39.082	-0.0226	-2.5 to 2.5	Pass
				-10	3.85	7.524	0.0043	-2.5 to 2.5	Pass
				0	3.85	21.801	0.0126	-2.5 to 2.5	Pass
				10	3.85	17.624	0.0102	-2.5 to 2.5	Pass
				30	3.85	9.928	0.0057	-2.5 to 2.5	Pass
				40	3.85	3.719	0.0021	-2.5 to 2.5	Pass
				50	3.85	-2.232	-0.0013	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-19.512	-0.0112	-2.5 to 2.5	Pass
					3.85	-20.113	-0.0115	-2.5 to 2.5	Pass
					4.43	-30.584	-0.0175	-2.5 to 2.5	Pass
				-30	3.85	11.773	0.0067	-2.5 to 2.5	Pass
				-20	3.85	0.386	0.0002	-2.5 to 2.5	Pass
				-10	3.85	-11.845	-0.0068	-2.5 to 2.5	Pass
				0	3.85	5.965	0.0034	-2.5 to 2.5	Pass
				10	3.85	-3.119	-0.0018	-2.5 to 2.5	Pass

				30	3.85	18.153	0.0104	-2.5 to 2.5	Pass
				40	3.85	9.184	0.0053	-2.5 to 2.5	Pass
				50	3.85	6.752	0.0039	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	1.702	0.0010	-2.5 to 2.5	Pass
					3.85	13.075	0.0076	-2.5 to 2.5	Pass
					4.43	10.829	0.0063	-2.5 to 2.5	Pass
				-30	3.85	11.086	0.0064	-2.5 to 2.5	Pass
				-20	3.85	10.586	0.0062	-2.5 to 2.5	Pass
				-10	3.85	6.266	0.0036	-2.5 to 2.5	Pass
				0	3.85	2.446	0.0014	-2.5 to 2.5	Pass
				10	3.85	-7.067	-0.0041	-2.5 to 2.5	Pass
				30	3.85	4.907	0.0029	-2.5 to 2.5	Pass
				40	3.85	1.688	0.0010	-2.5 to 2.5	Pass
				50	3.85	0.157	0.0001	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-9.055	-0.0052	-2.5 to 2.5	Pass
					3.85	-10.629	-0.0061	-2.5 to 2.5	Pass
					4.43	-20.556	-0.0119	-2.5 to 2.5	Pass
				-30	3.85	2.131	0.0012	-2.5 to 2.5	Pass
				-20	3.85	40.083	0.0231	-2.5 to 2.5	Pass
				-10	3.85	41.356	0.0239	-2.5 to 2.5	Pass
				0	3.85	41.714	0.0241	-2.5 to 2.5	Pass
				10	3.85	44.346	0.0256	-2.5 to 2.5	Pass
				30	3.85	33.159	0.0191	-2.5 to 2.5	Pass
				40	3.85	5.393	0.0031	-2.5 to 2.5	Pass
				50	3.85	7.610	0.0044	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	6.452	0.0037	-2.5 to 2.5	Pass
					3.85	11.272	0.0065	-2.5 to 2.5	Pass
					4.43	16.508	0.0095	-2.5 to 2.5	Pass
				-30	3.85	10.128	0.0058	-2.5 to 2.5	Pass
				-20	3.85	6.580	0.0038	-2.5 to 2.5	Pass
				-10	3.85	9.370	0.0054	-2.5 to 2.5	Pass
				0	3.85	12.259	0.0070	-2.5 to 2.5	Pass
				10	3.85	11.902	0.0068	-2.5 to 2.5	Pass
				30	3.85	14.491	0.0083	-2.5 to 2.5	Pass
				40	3.85	16.437	0.0094	-2.5 to 2.5	Pass
				50	3.85	7.854	0.0045	-2.5 to 2.5	Pass

3. Modulation Characteristics

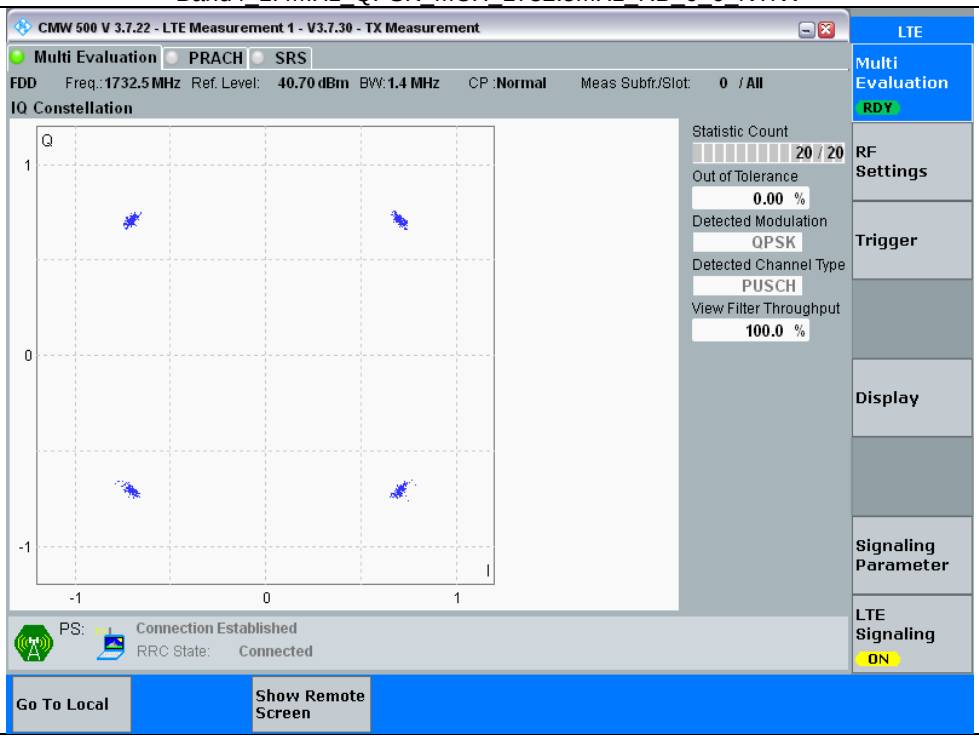
3.1 B4_1.4MHz

3.1.1 Test Result

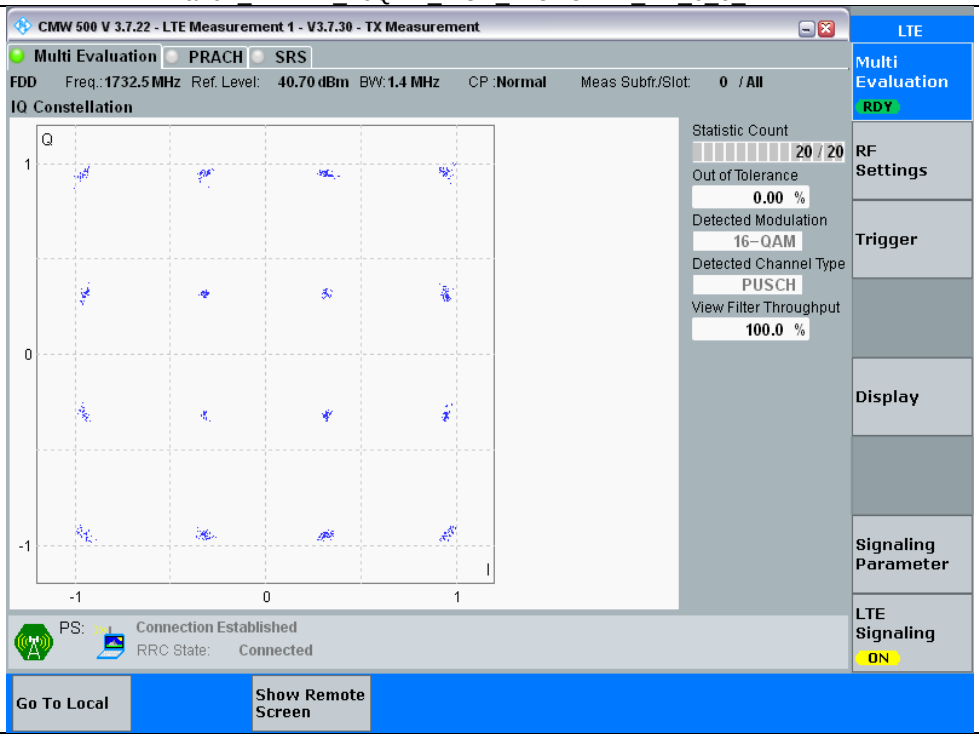
Band: 4 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	6	0	Refer To Test Graph		Pass
16QAM	1732.5	6	0	Refer To Test Graph		Pass

3.1.2 Test Graph

Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



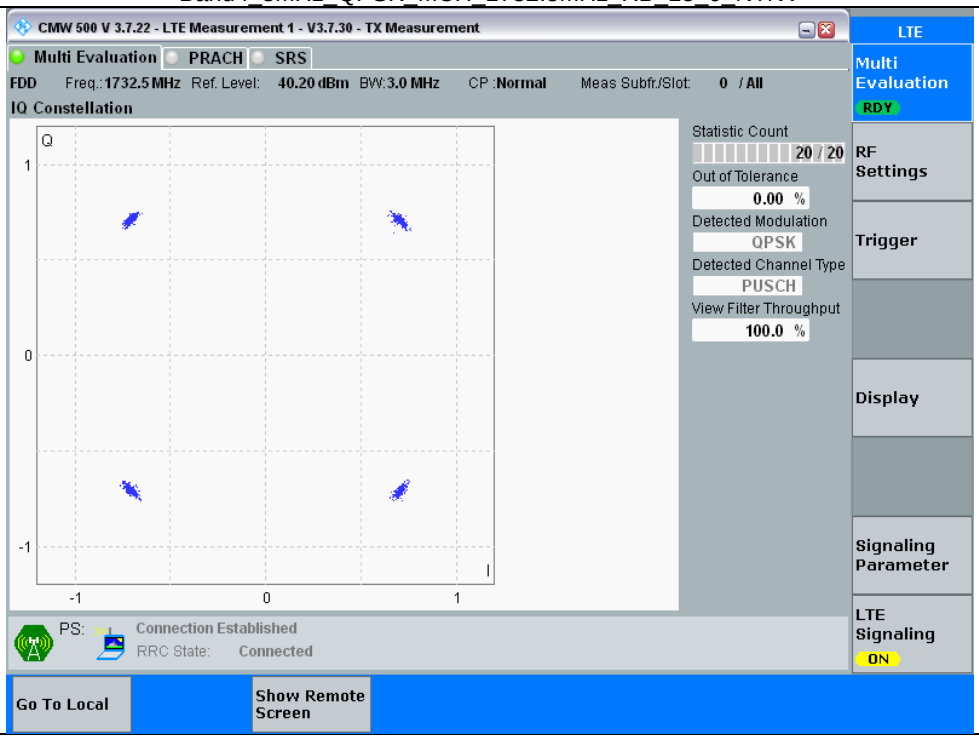
3.2 B4_3MHz

3.2.1 Test Result

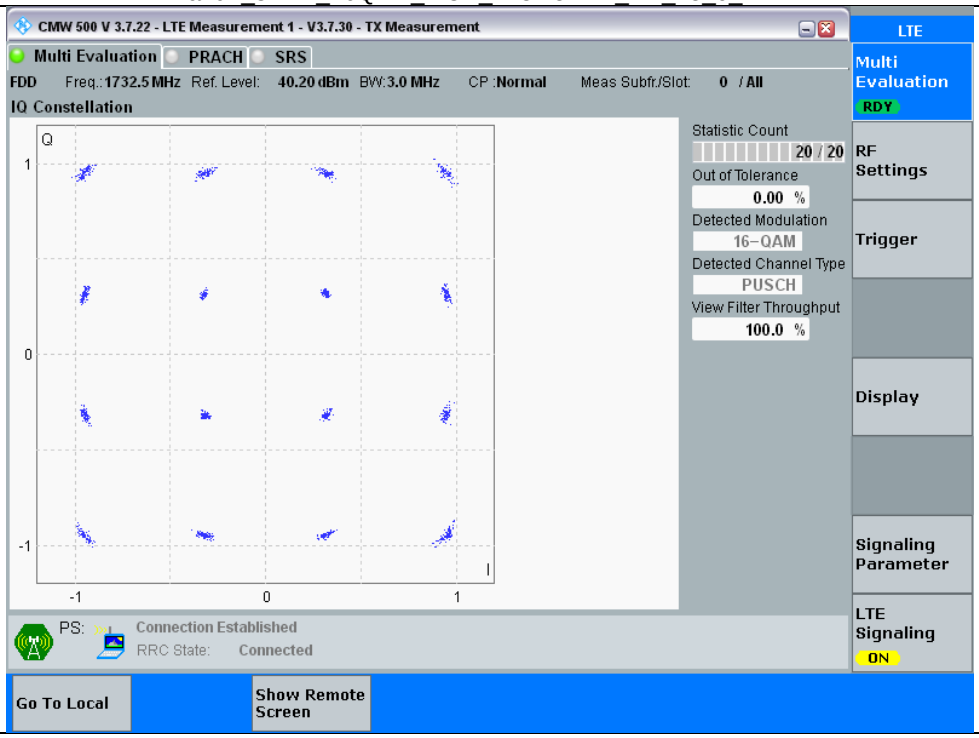
Band: 4 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	15	0	Refer To Test Graph		Pass
16QAM	1732.5	15	0	Refer To Test Graph		Pass

3.2.2 Test Graph

Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



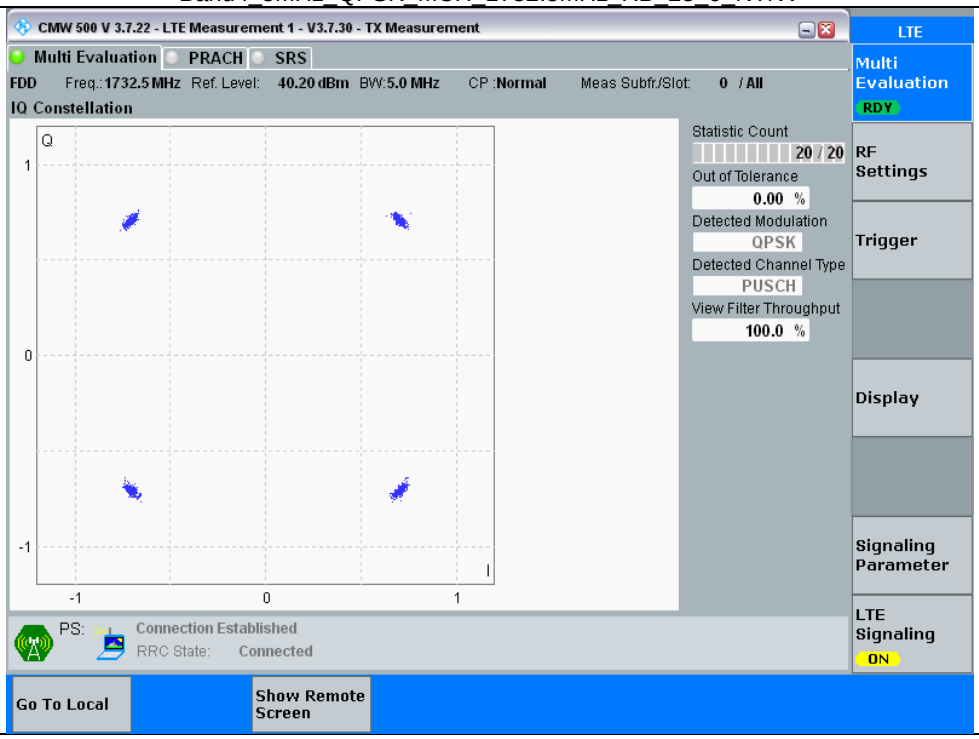
3.3 B4_5MHz

3.3.1 Test Result

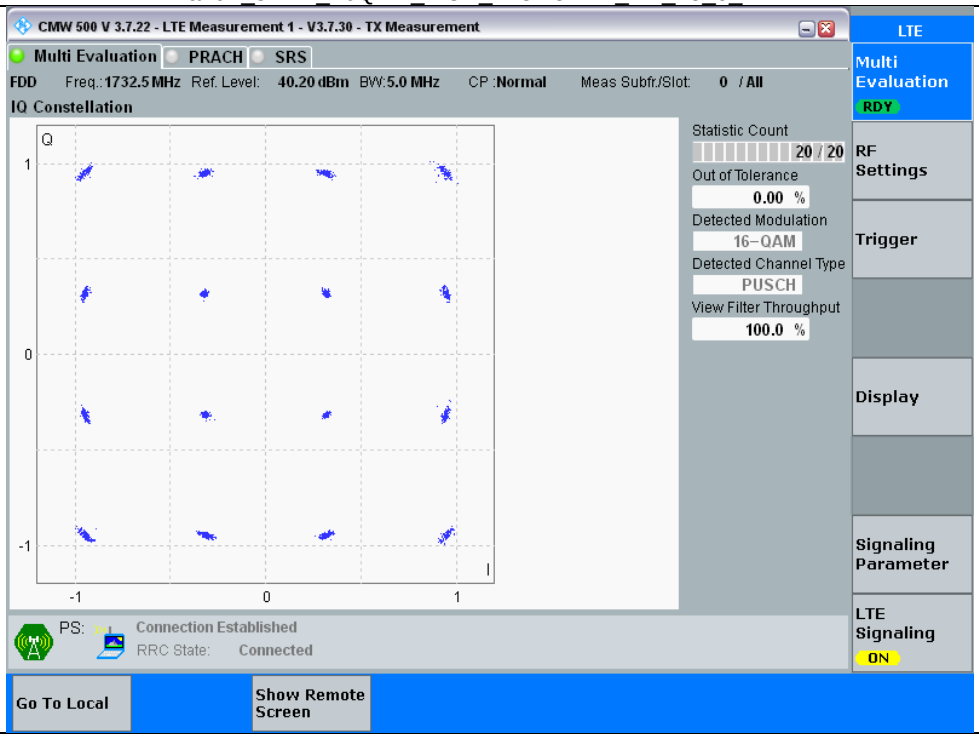
Band: 4 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	25	0	Refer To Test Graph		Pass
16QAM	1732.5	25	0	Refer To Test Graph		Pass

3.3.2 Test Graph

Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



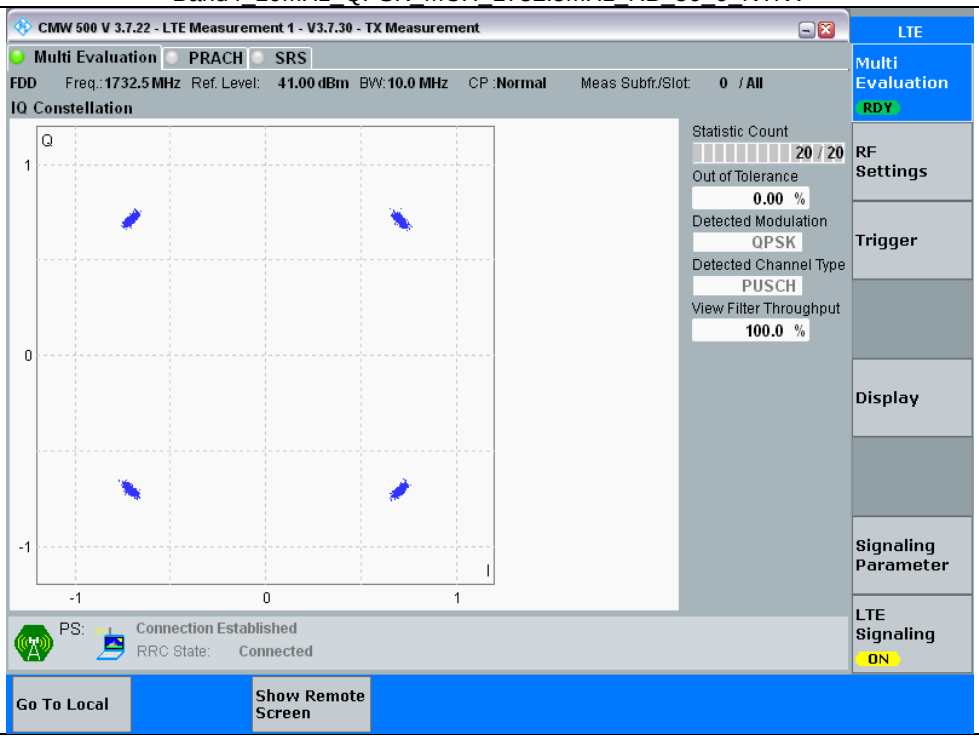
3.4 B4_10MHz

3.4.1 Test Result

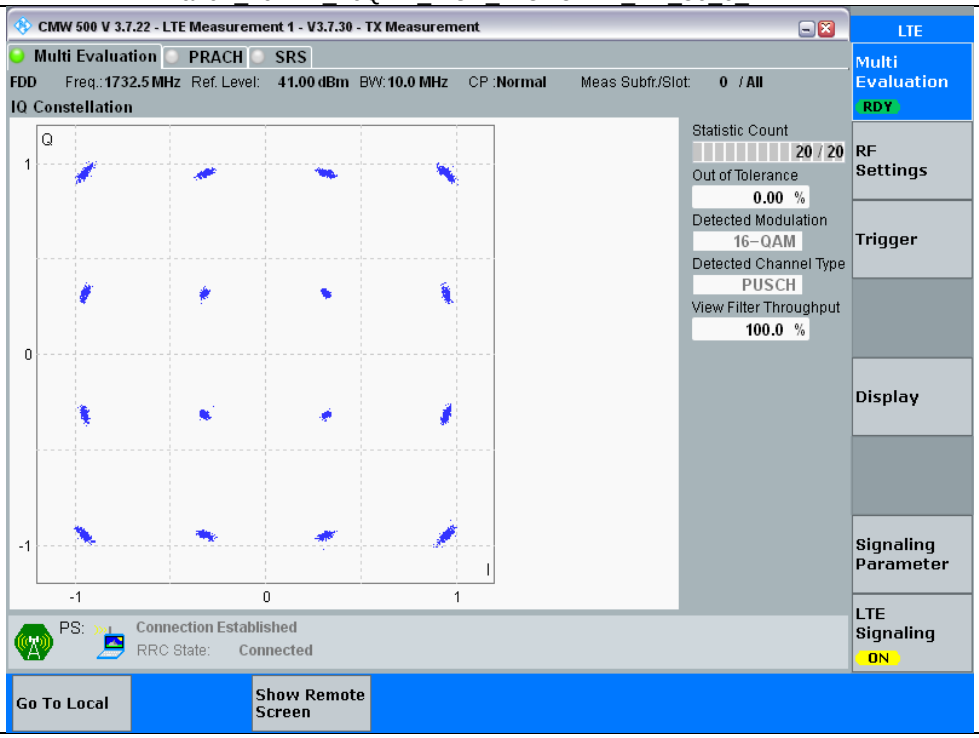
Band: 4 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	50	0	Refer To Test Graph		Pass
16QAM	1732.5	50	0	Refer To Test Graph		Pass

3.4.2 Test Graph

Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



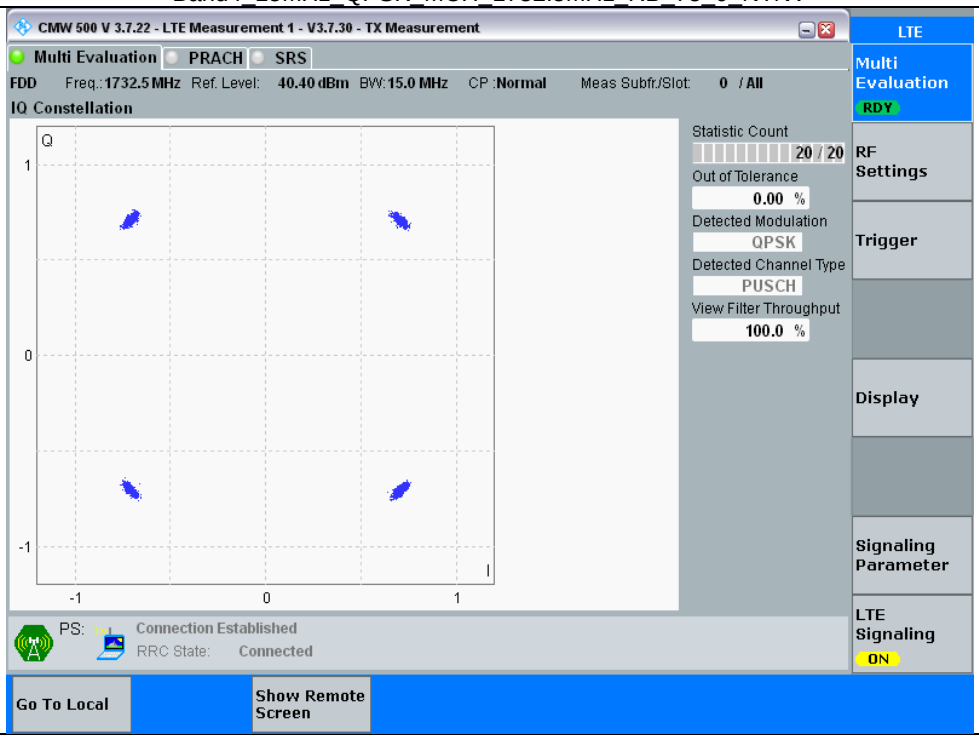
3.5 B4_15MHz

3.5.1 Test Result

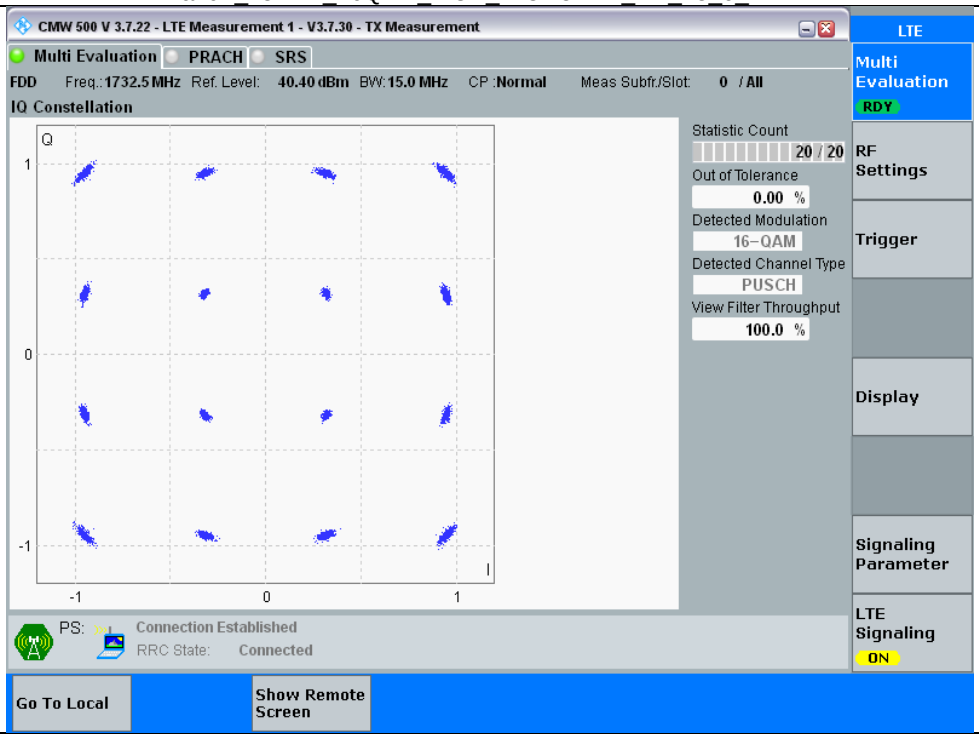
Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	75	0	Refer To Test Graph		Pass
16QAM	1732.5	75	0	Refer To Test Graph		Pass

3.5.2 Test Graph

Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



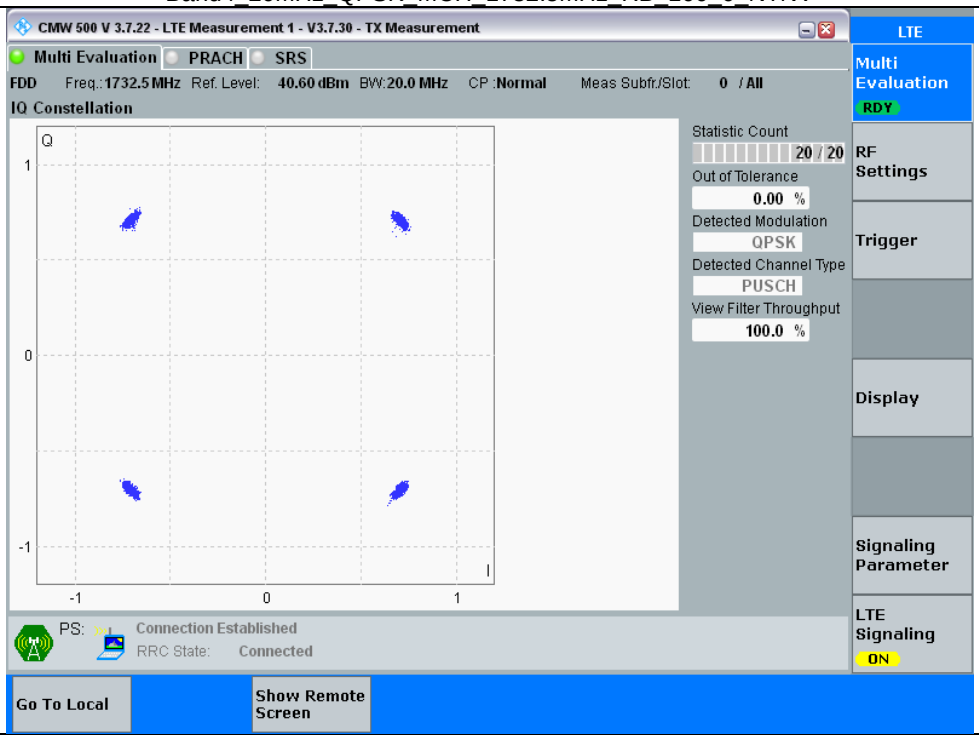
3.6 B4_20MHz

3.6.1 Test Result

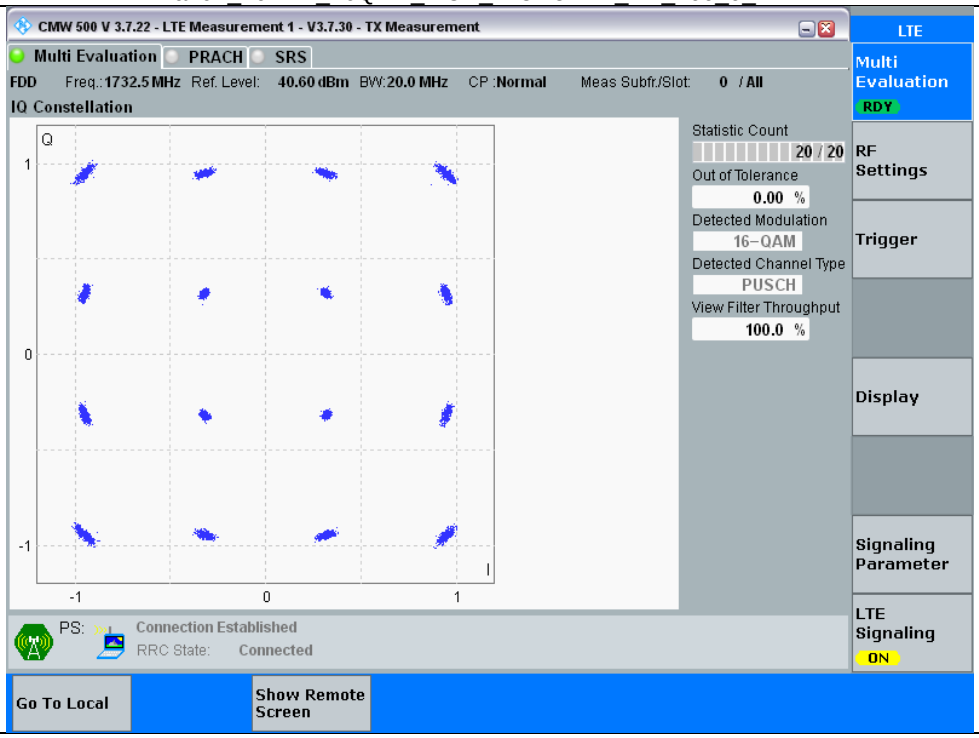
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	100	0	Refer To Test Graph		Pass
16QAM	1732.5	100	0	Refer To Test Graph		Pass

3.6.2 Test Graph

Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



4. 99% & 26dB Bandwidth

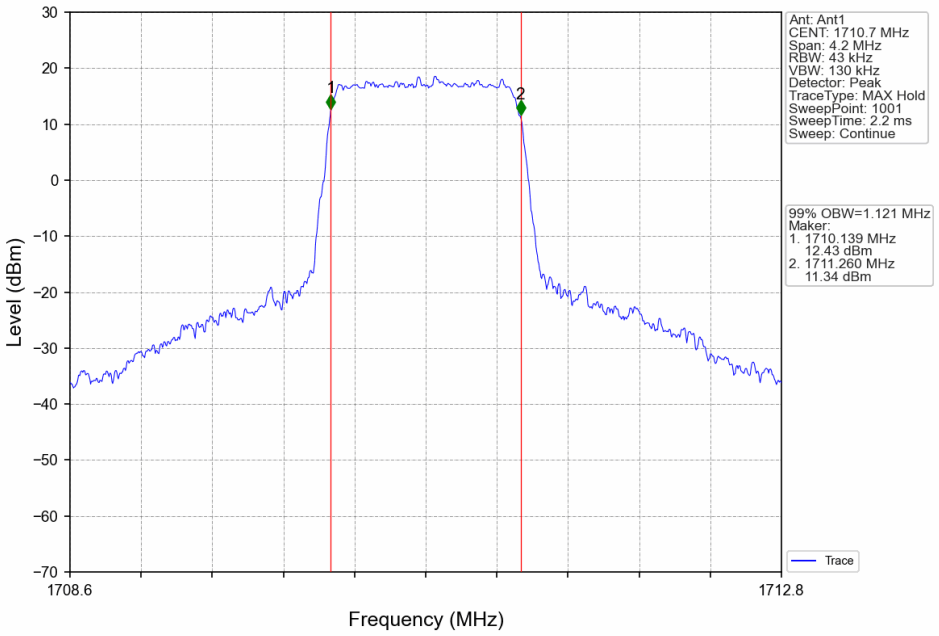
4.1 Band4_OBW

4.1.1 Test Result

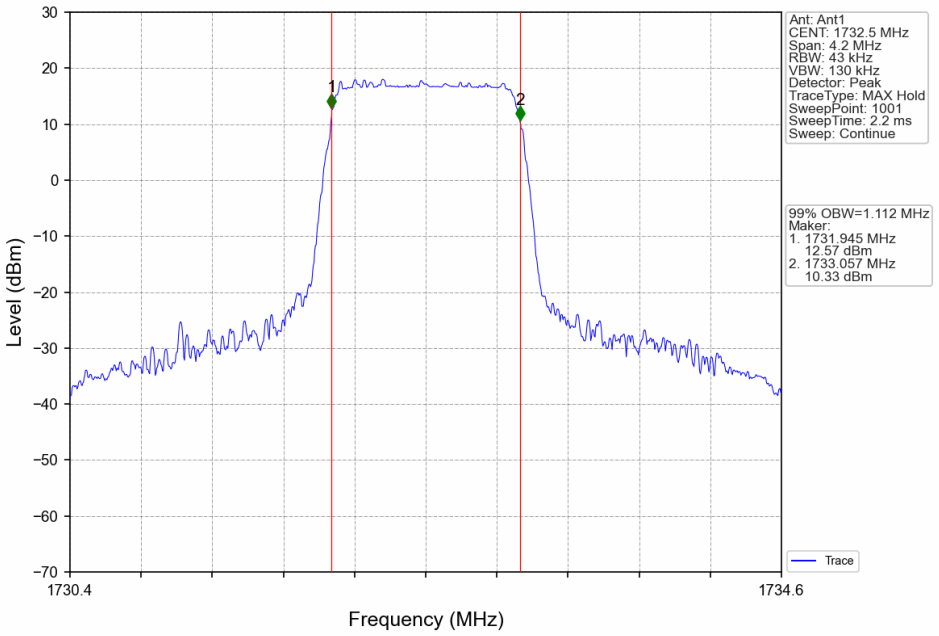
Band: 4 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.121	Pass
		1732.5	6	0	1.112	Pass
		1754.3	6	0	1.115	Pass
	16QAM	1710.7	6	0	1.121	Pass
		1732.5	6	0	1.108	Pass
		1754.3	6	0	1.120	Pass
3	QPSK	1711.5	15	0	2.758	Pass
		1732.5	15	0	2.748	Pass
		1753.5	15	0	2.757	Pass
	16QAM	1711.5	15	0	2.753	Pass
		1732.5	15	0	2.744	Pass
		1753.5	15	0	2.745	Pass
5	QPSK	1712.5	25	0	4.549	Pass
		1732.5	25	0	4.547	Pass
		1752.5	25	0	4.556	Pass
	16QAM	1712.5	25	0	4.581	Pass
		1732.5	25	0	4.579	Pass
		1752.5	25	0	4.535	Pass
10	QPSK	1715	50	0	9.095	Pass
		1732.5	50	0	9.057	Pass
		1750	50	0	9.083	Pass
	16QAM	1715	50	0	9.074	Pass
		1732.5	50	0	9.053	Pass
		1750	50	0	9.063	Pass
15	QPSK	1717.5	75	0	13.597	Pass
		1732.5	75	0	13.579	Pass
		1747.5	75	0	13.620	Pass
	16QAM	1717.5	75	0	13.612	Pass
		1732.5	75	0	13.614	Pass
		1747.5	75	0	13.644	Pass
20	QPSK	1720	100	0	18.106	Pass
		1732.5	100	0	18.125	Pass
		1745	100	0	18.169	Pass
	16QAM	1720	100	0	18.138	Pass
		1732.5	100	0	18.131	Pass
		1745	100	0	18.210	Pass

4.1.2 Test Graph

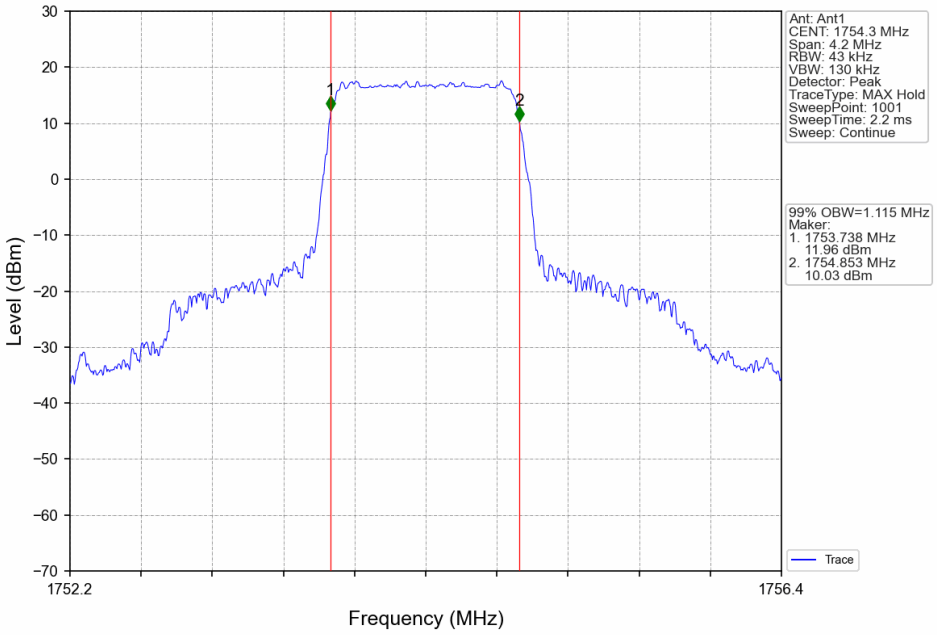
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



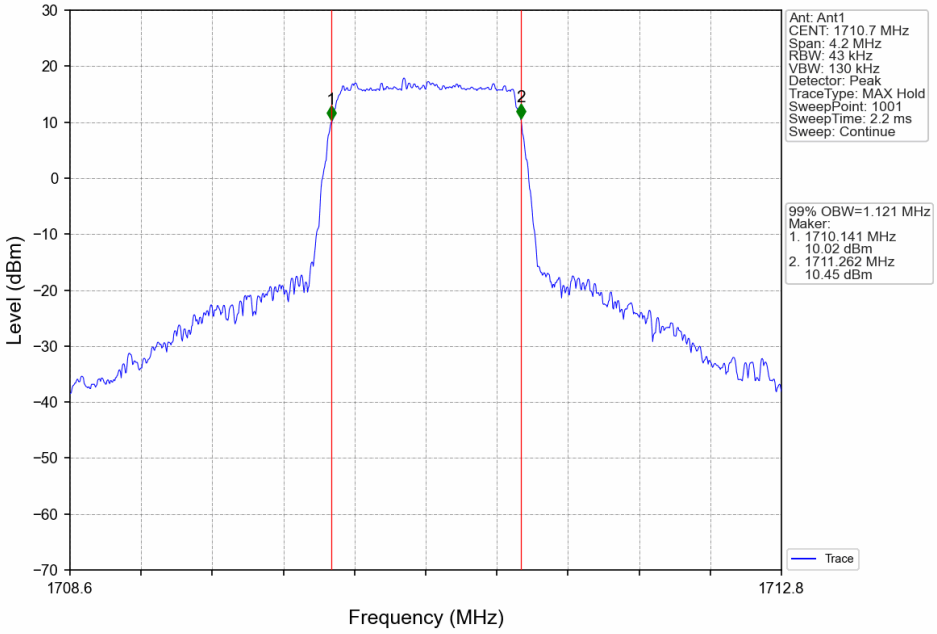
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



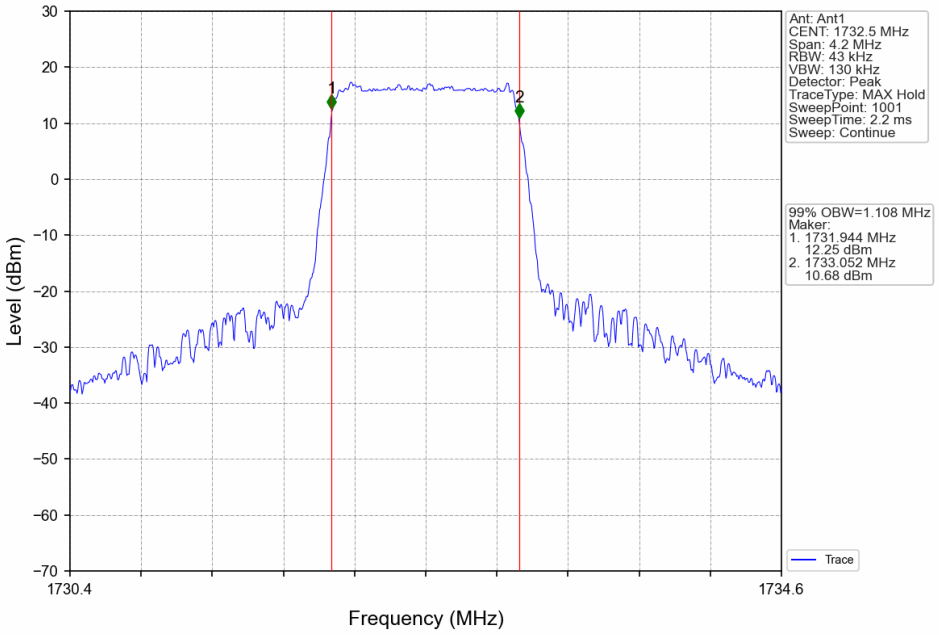
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



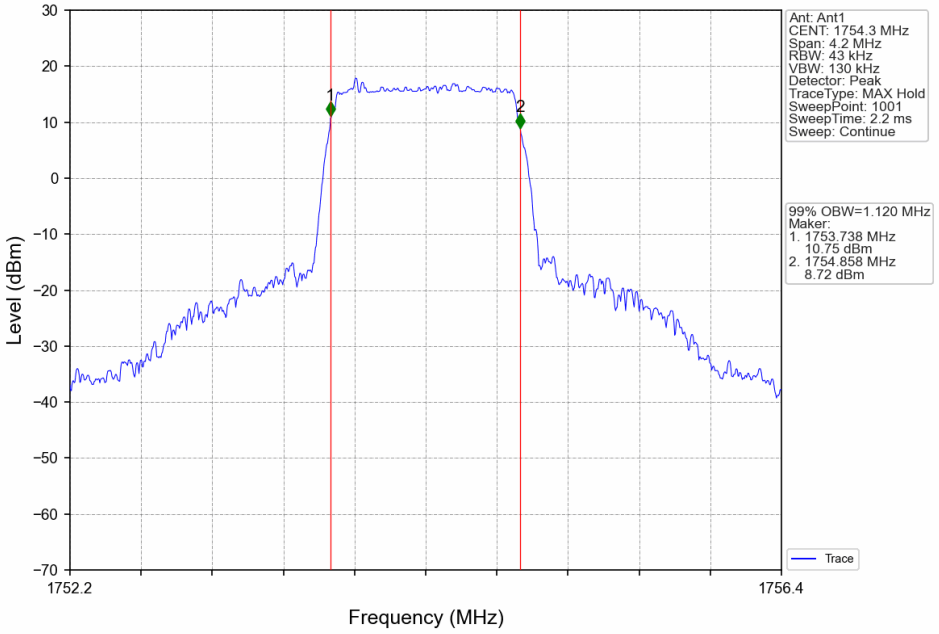
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



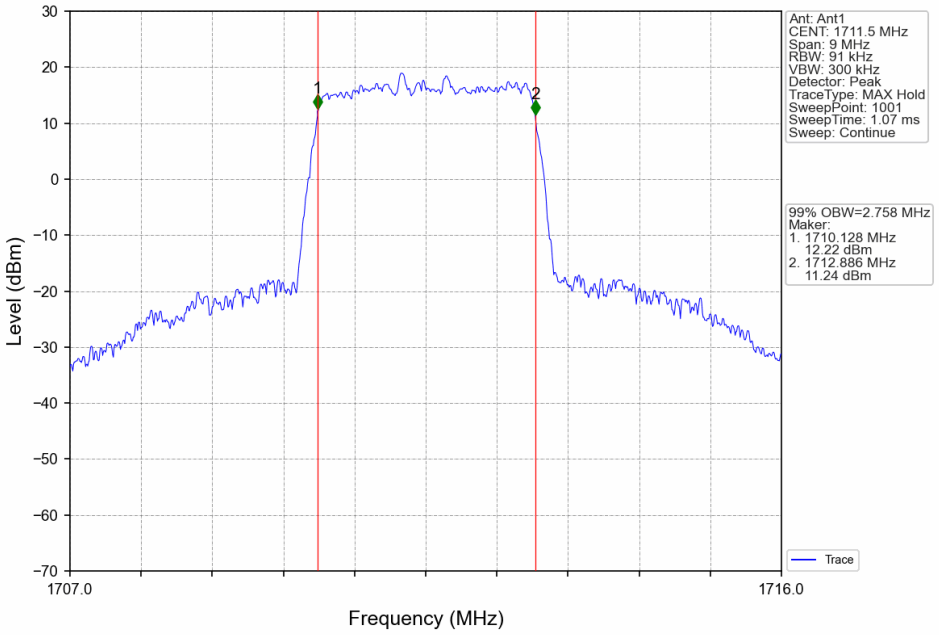
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



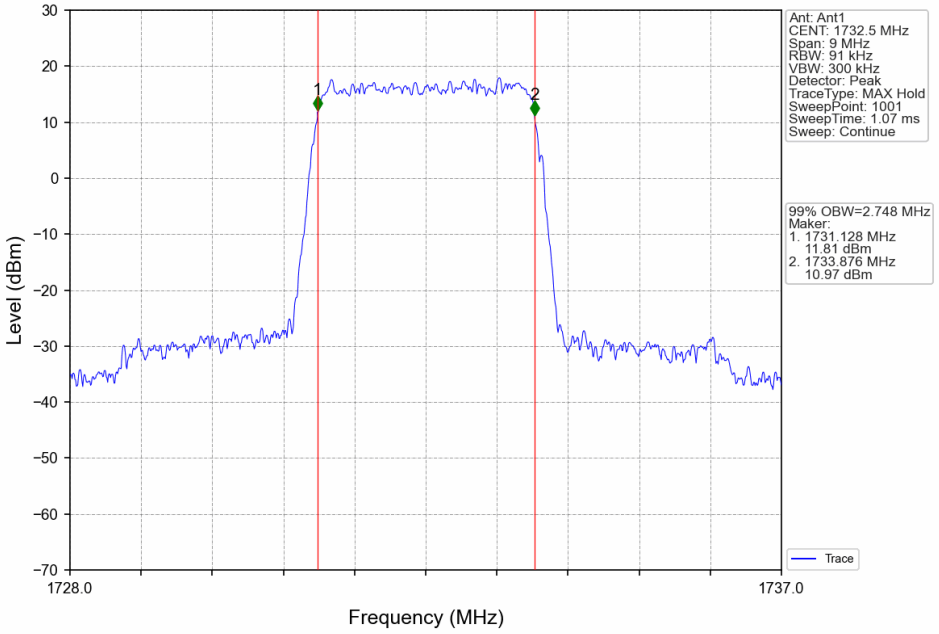
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



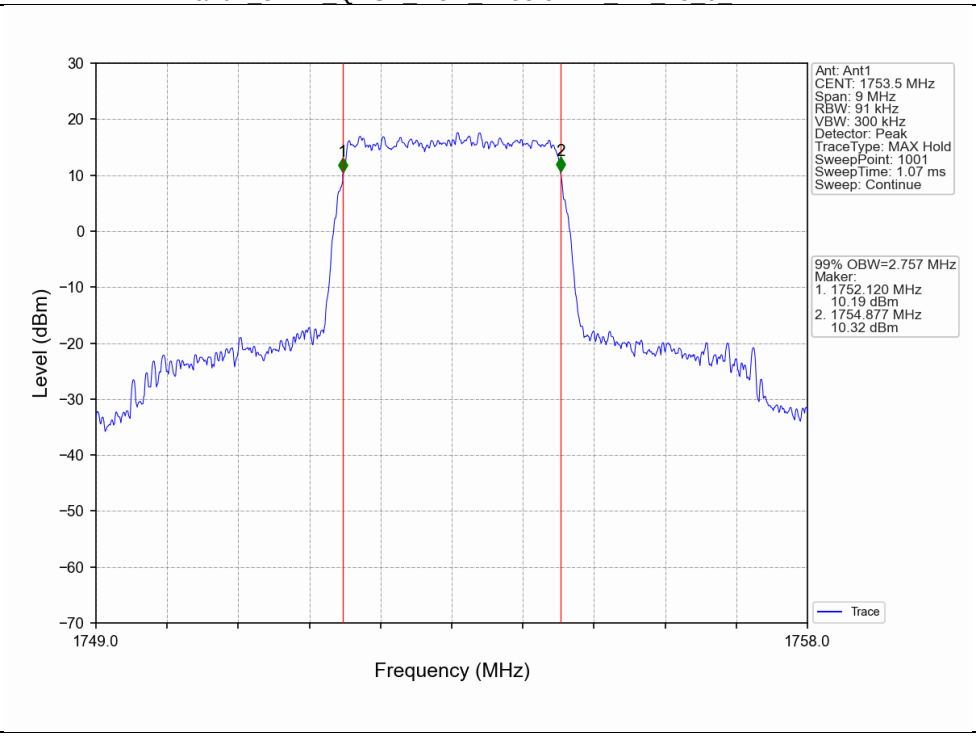
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



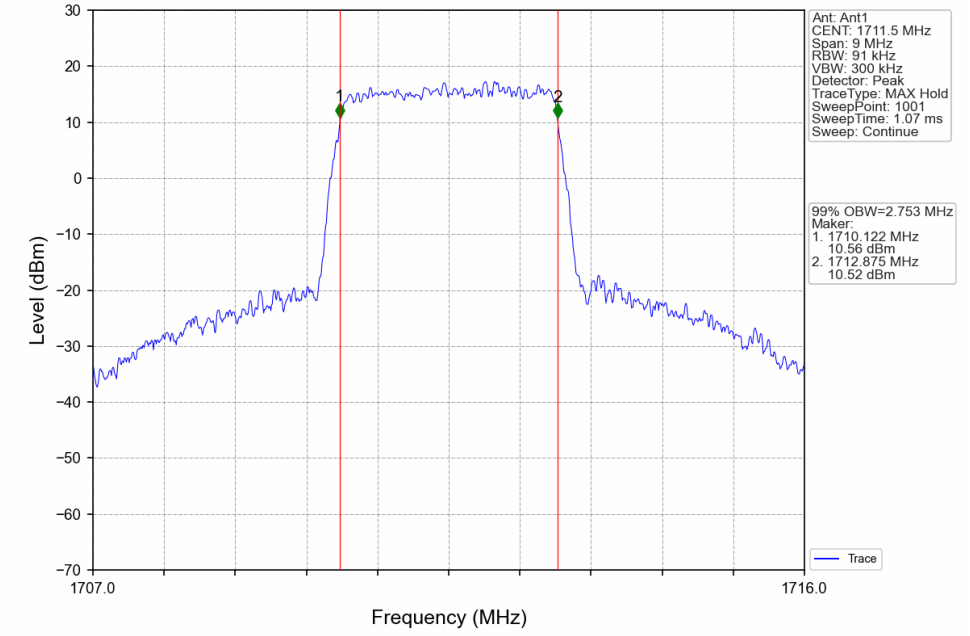
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



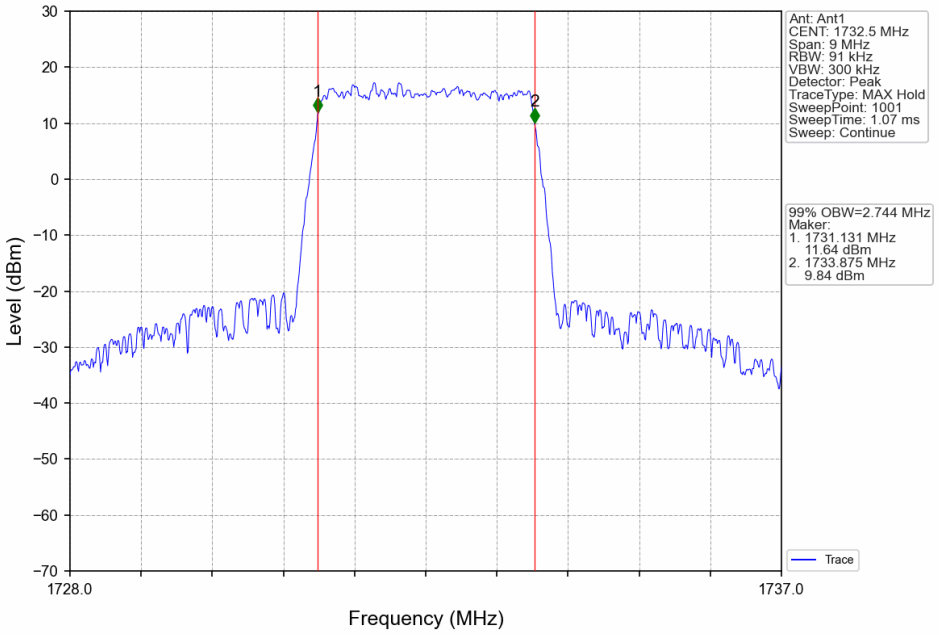
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



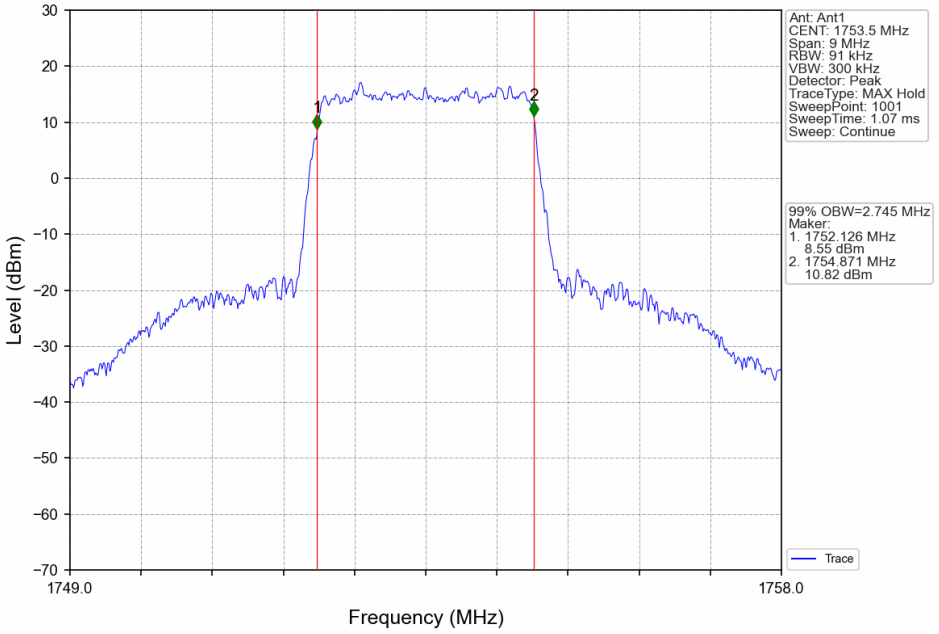
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



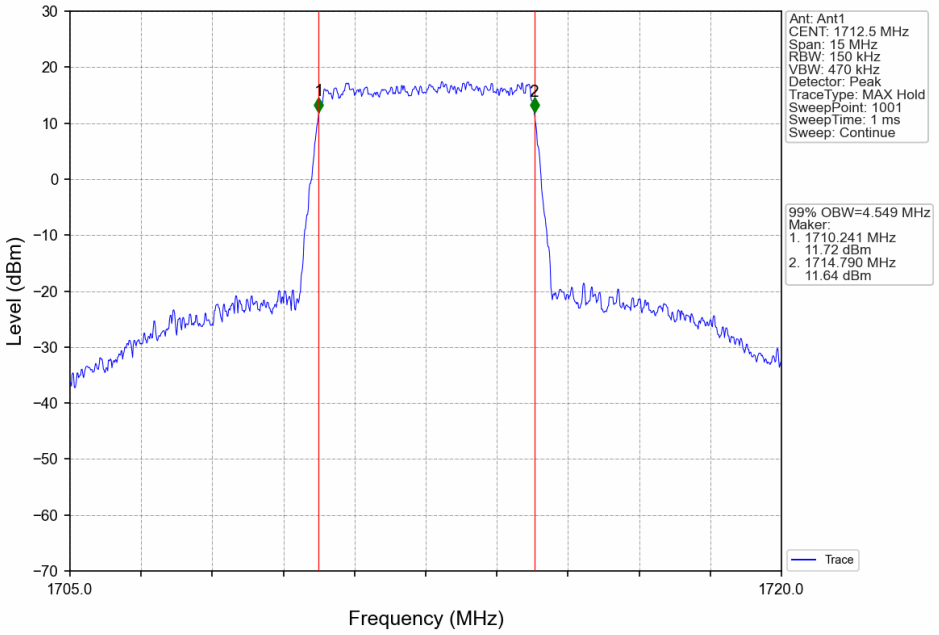
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



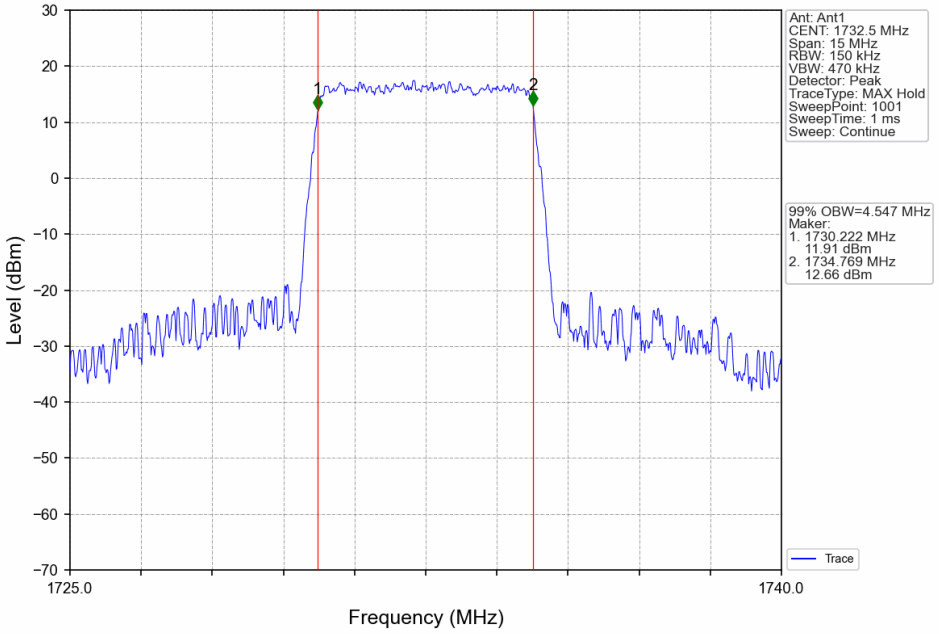
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



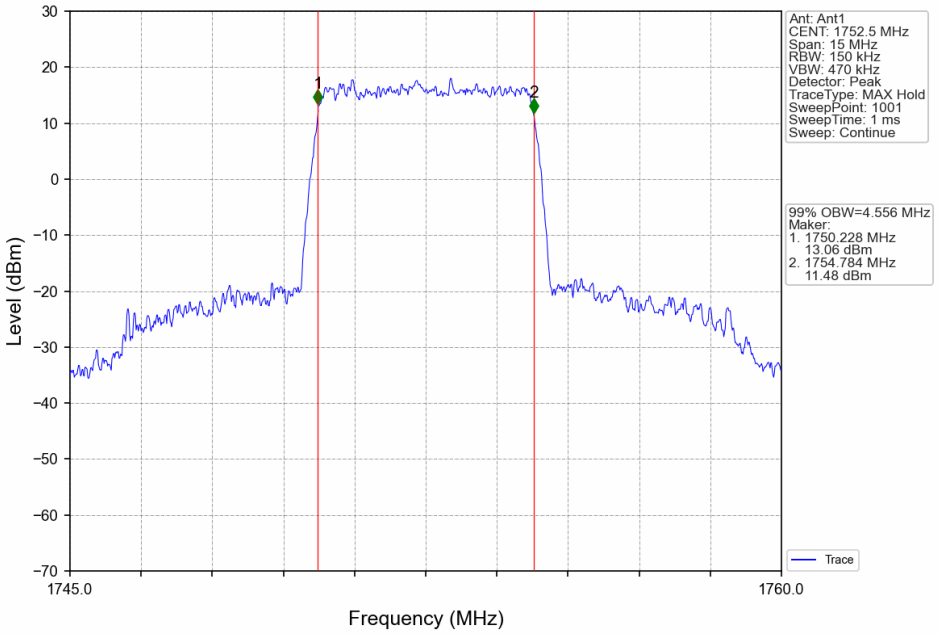
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



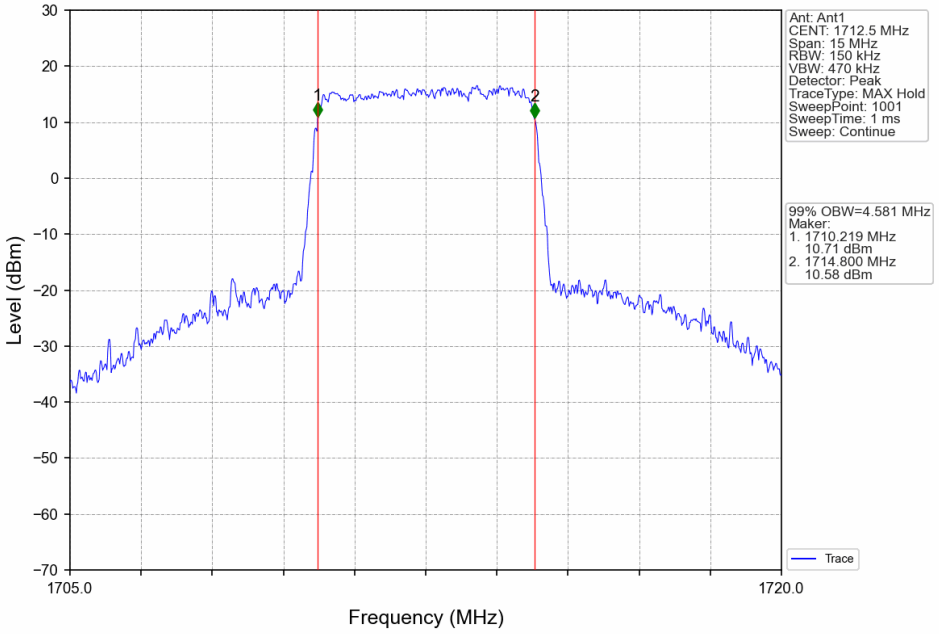
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



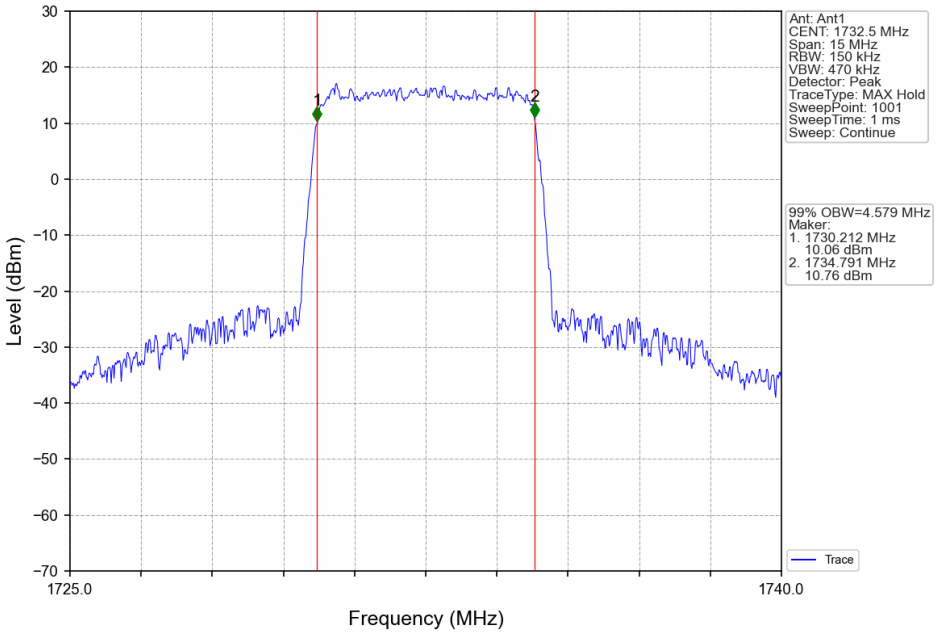
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



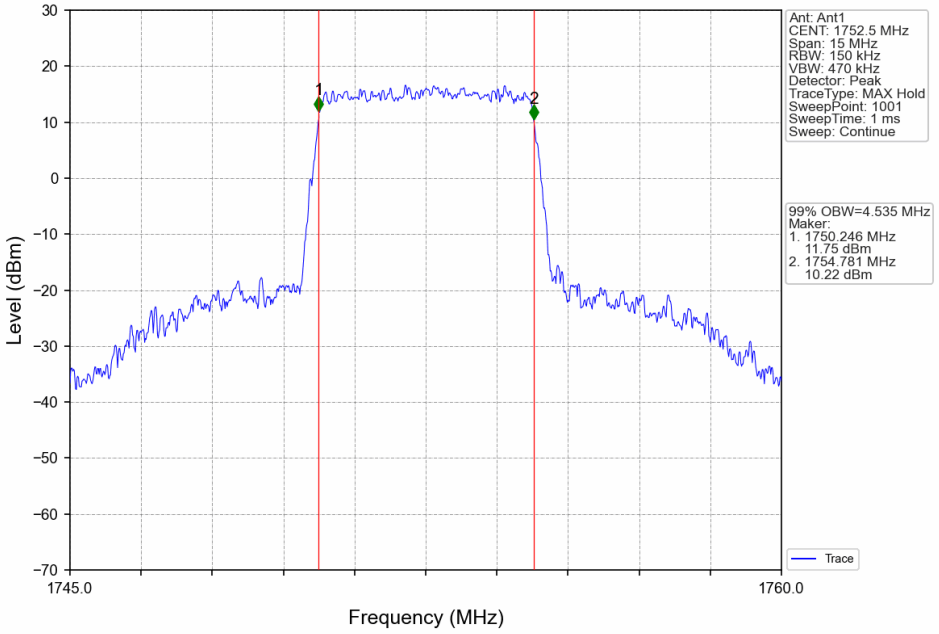
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



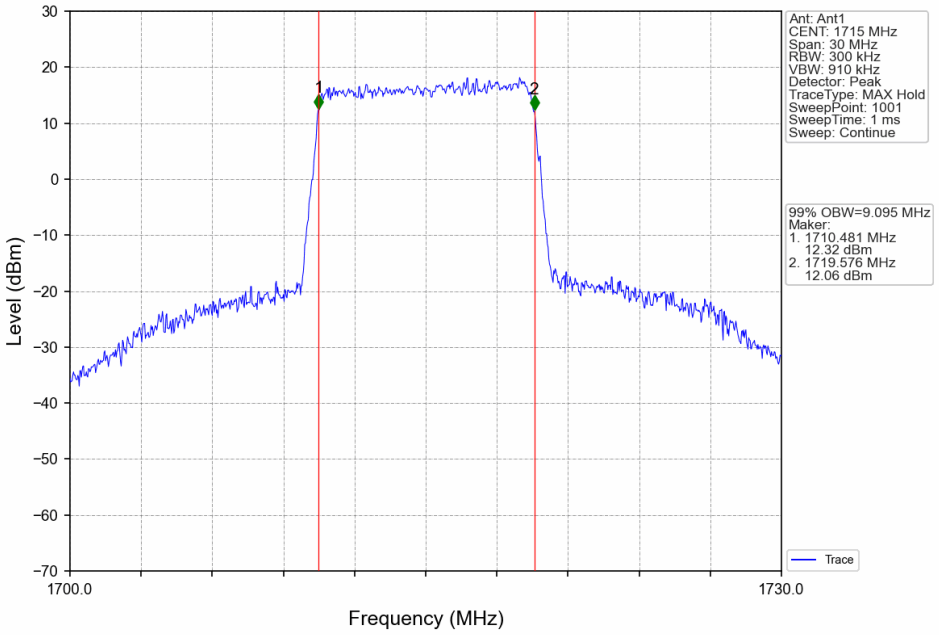
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



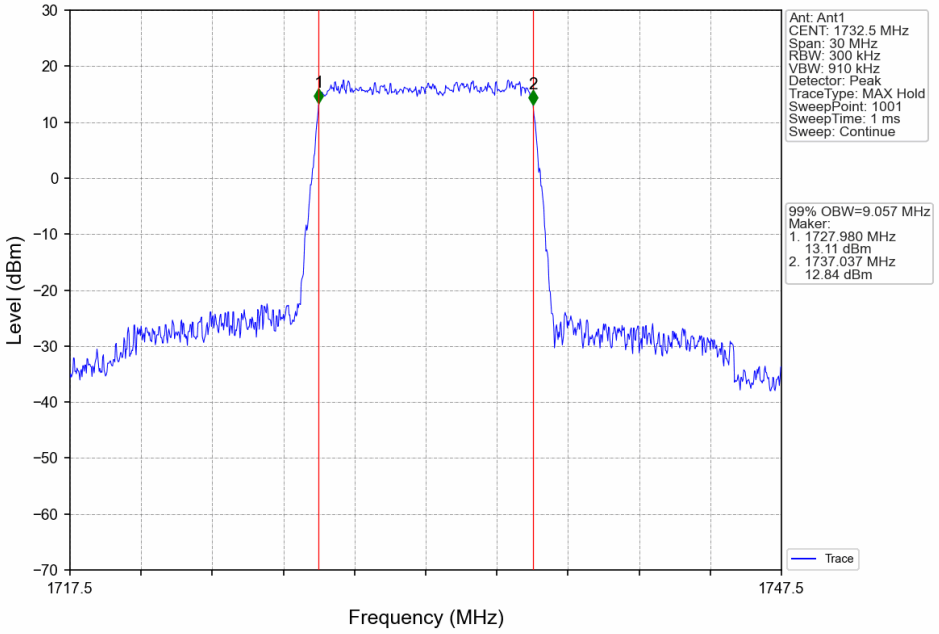
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



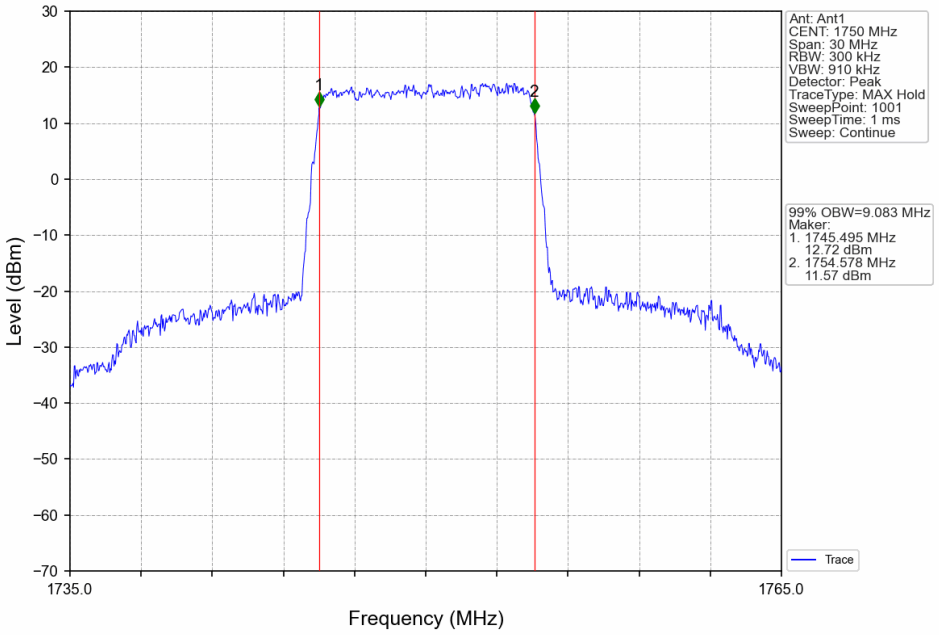
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



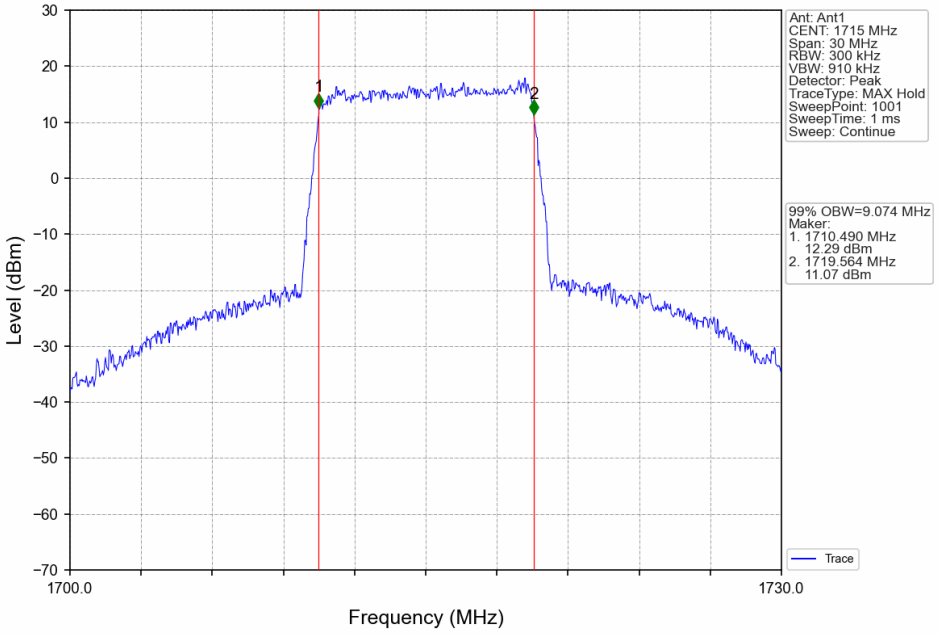
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



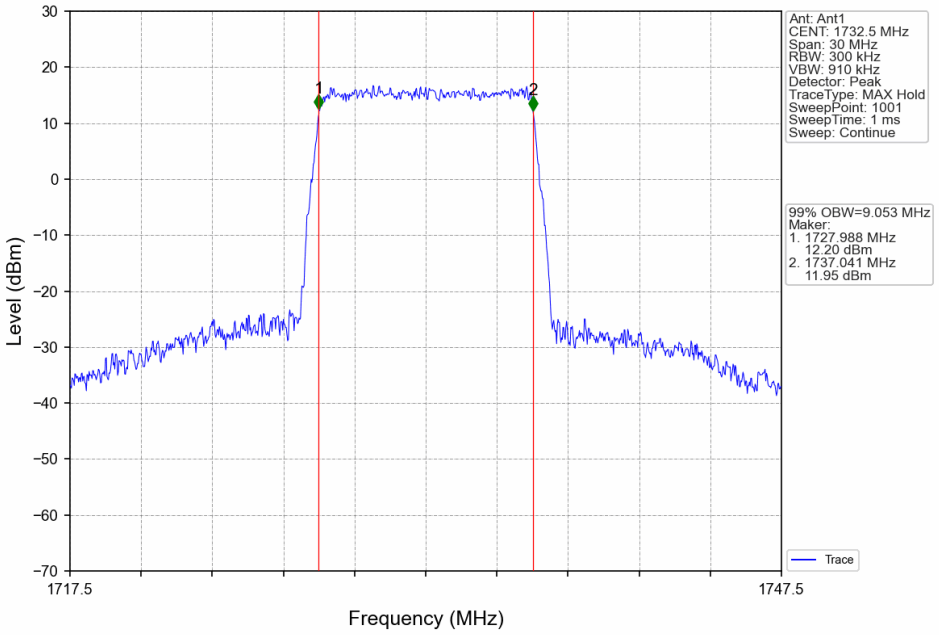
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



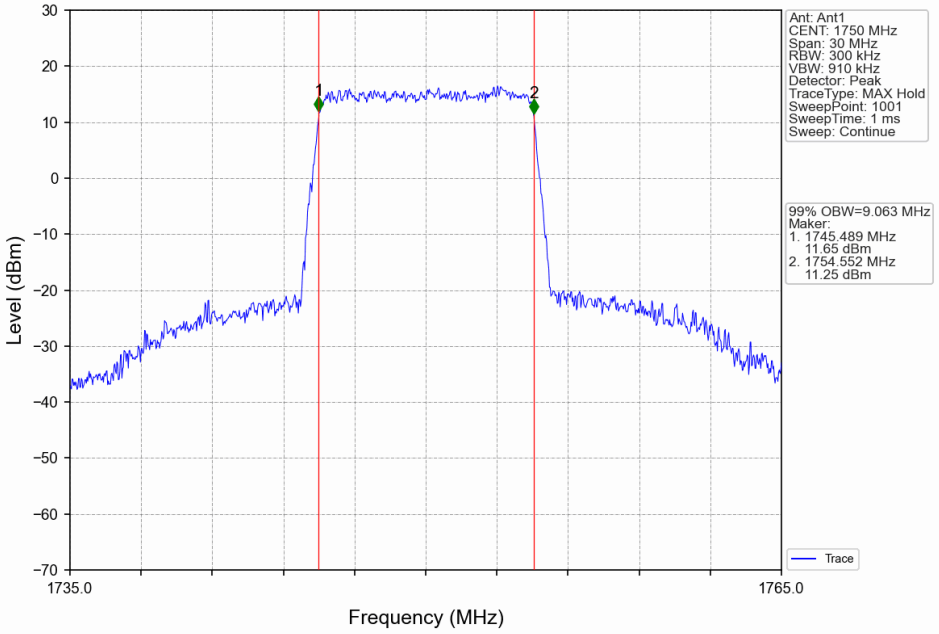
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



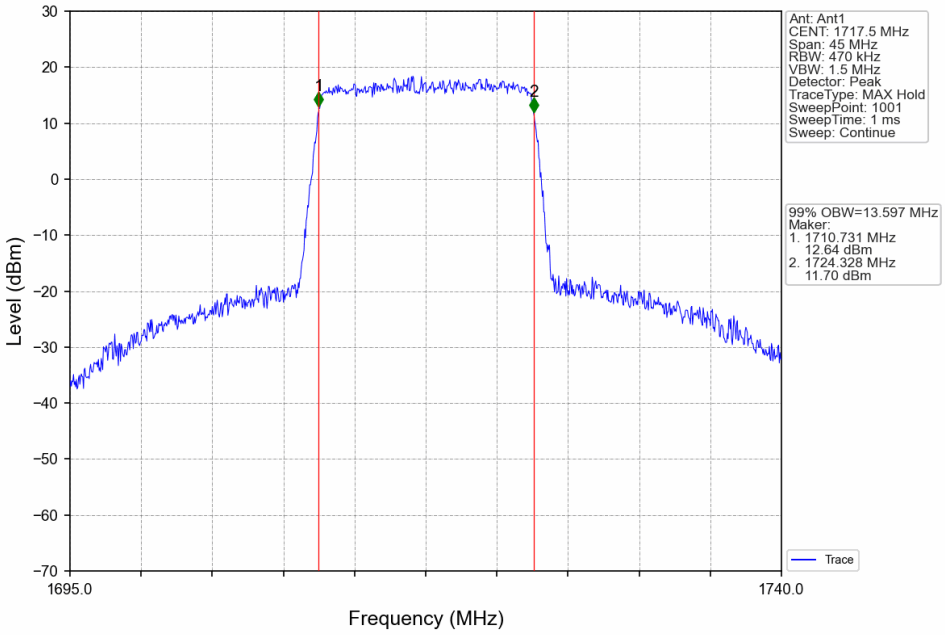
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



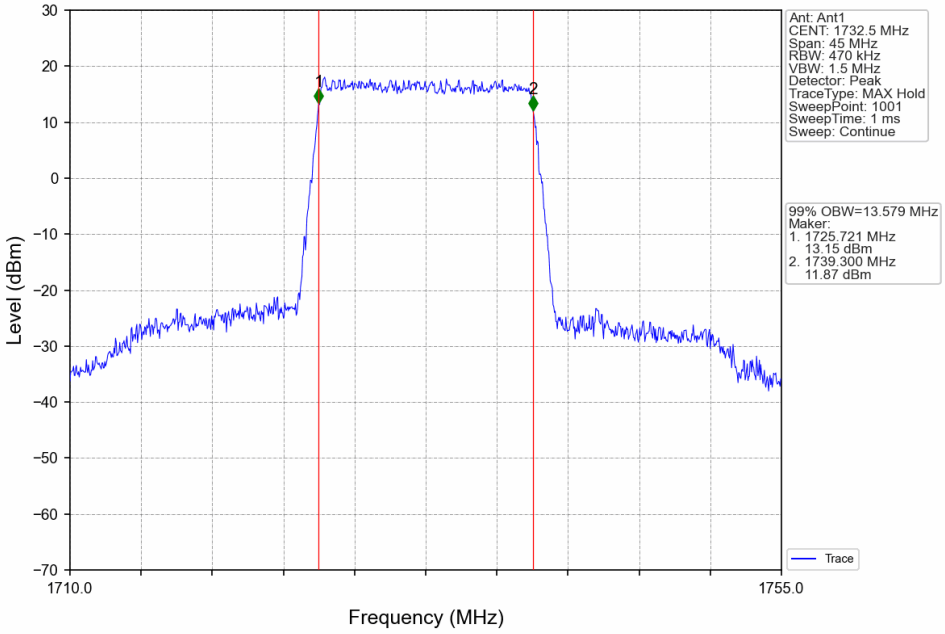
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



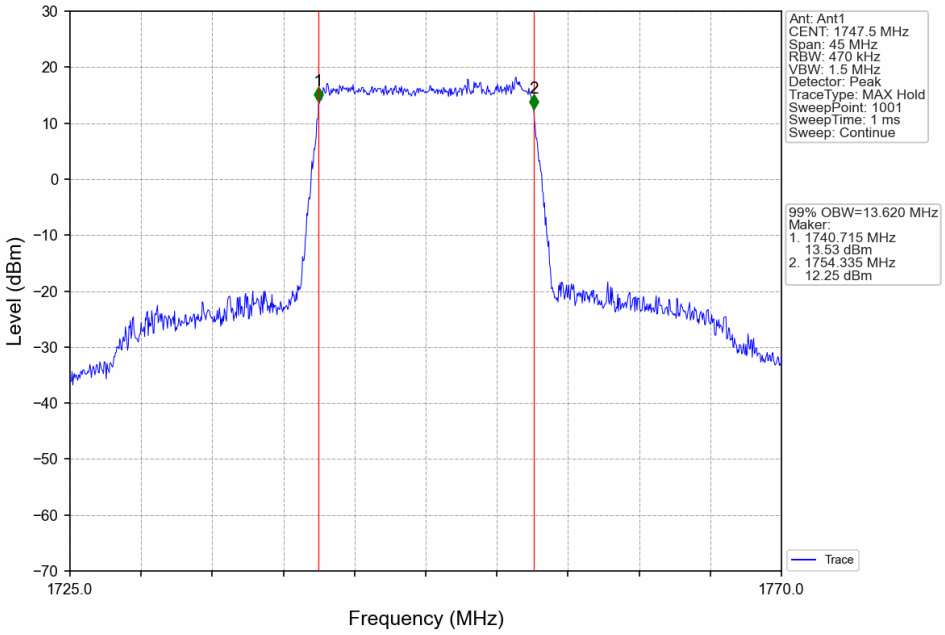
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



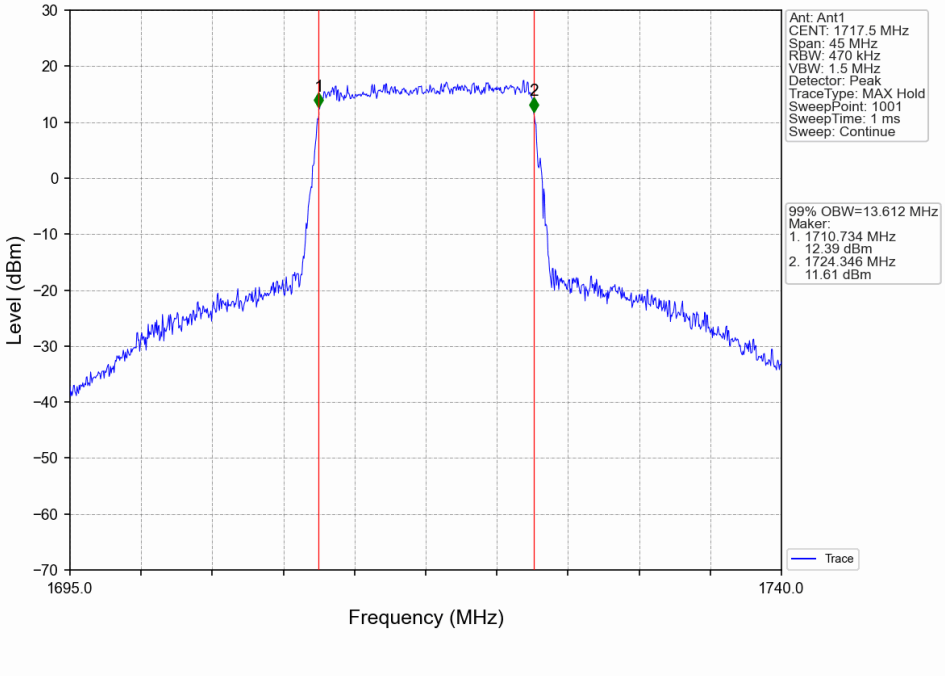
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



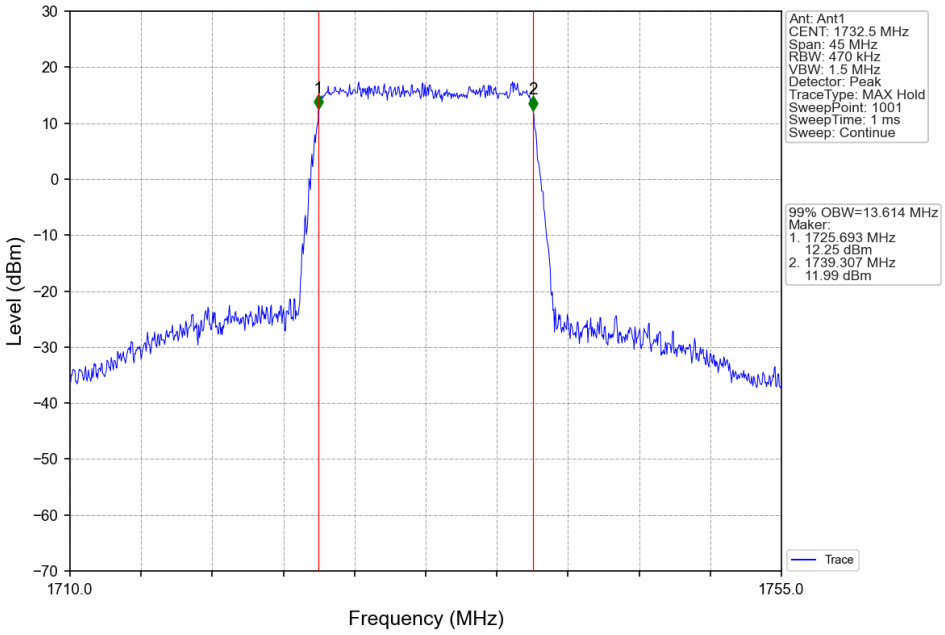
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



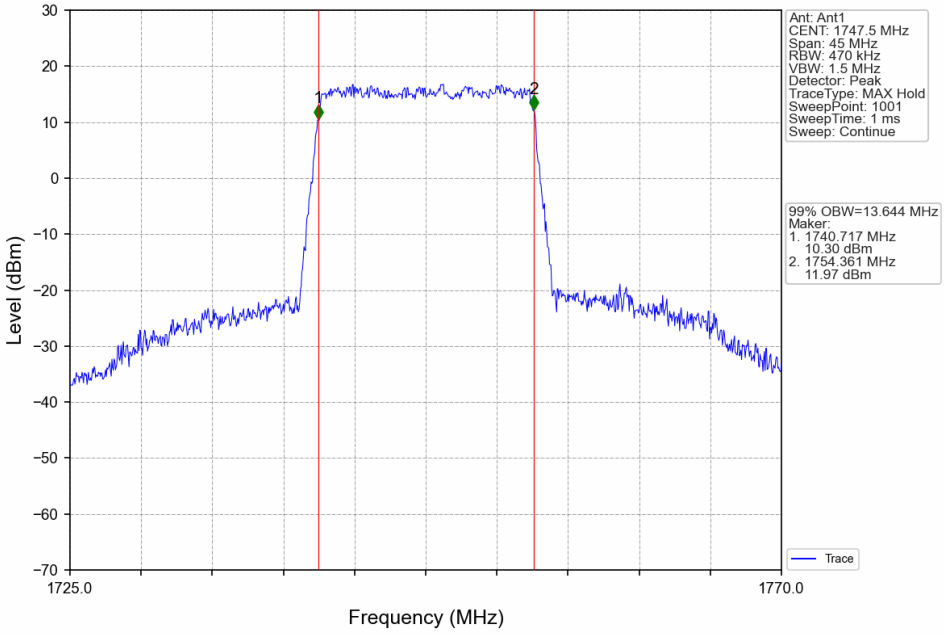
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



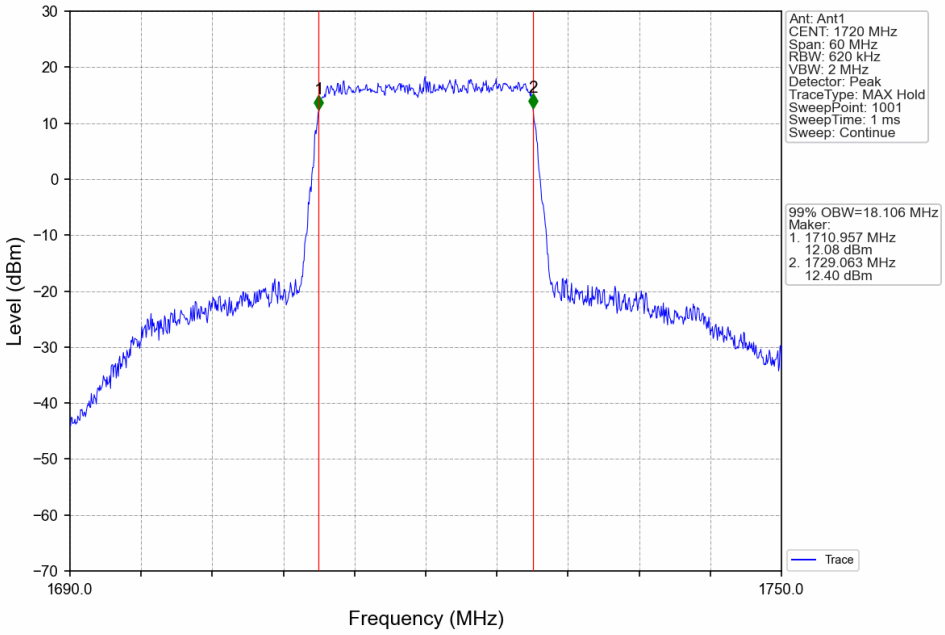
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



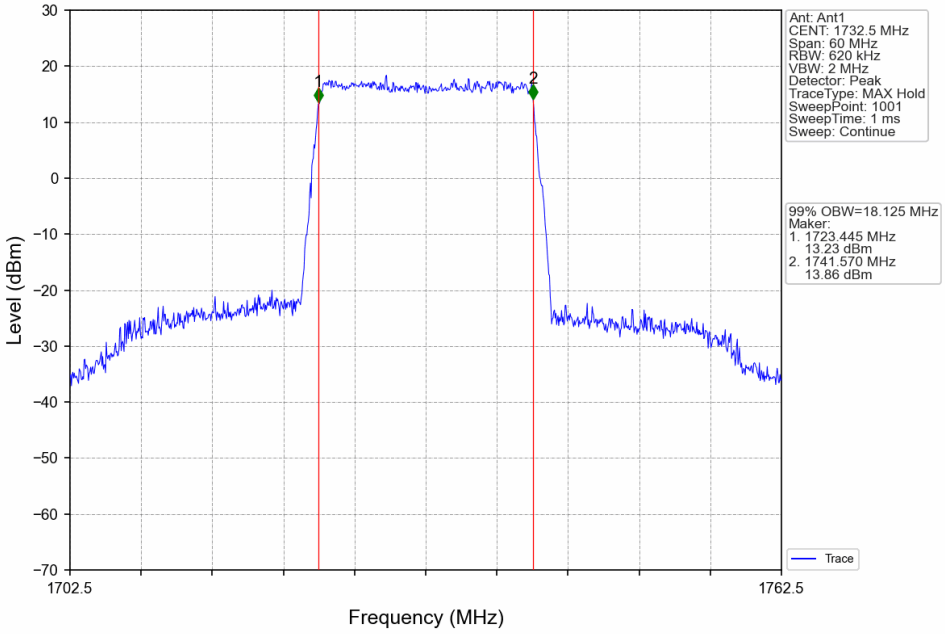
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



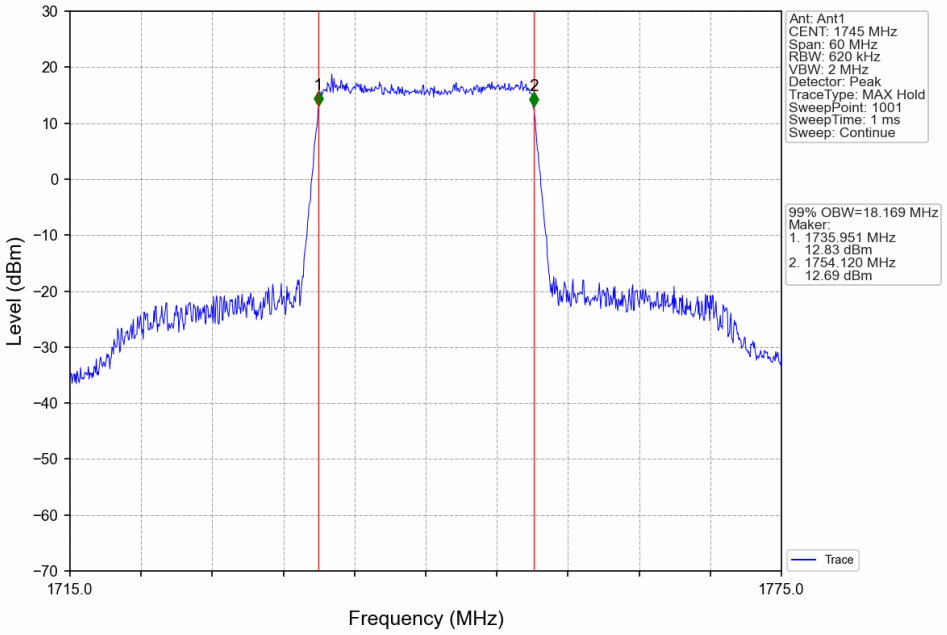
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



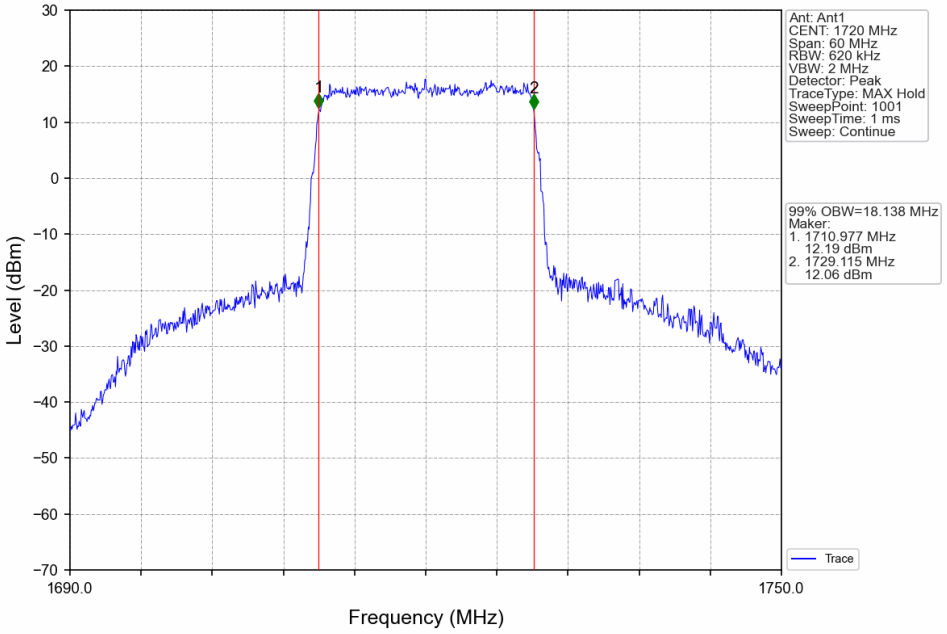
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



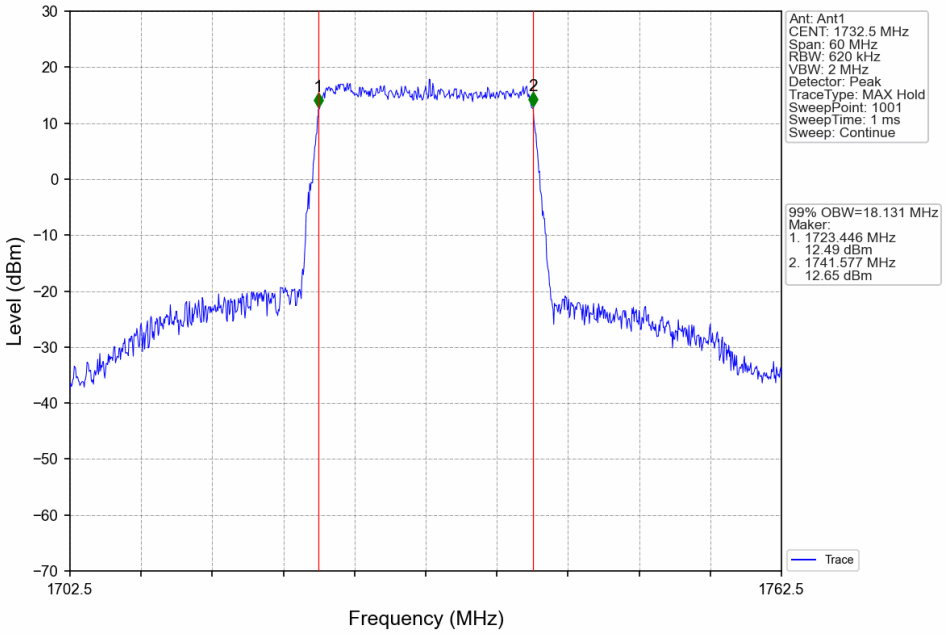
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



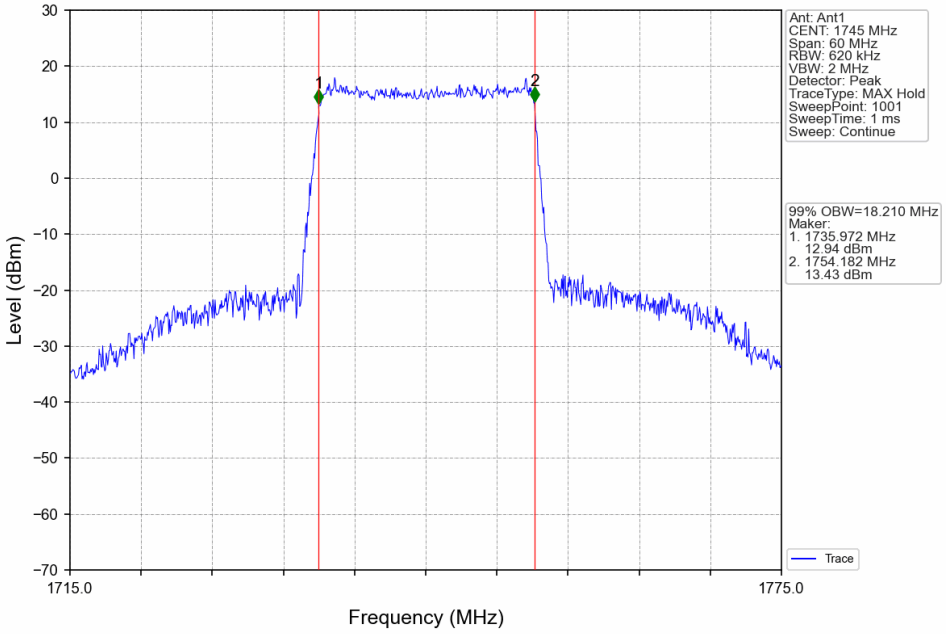
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



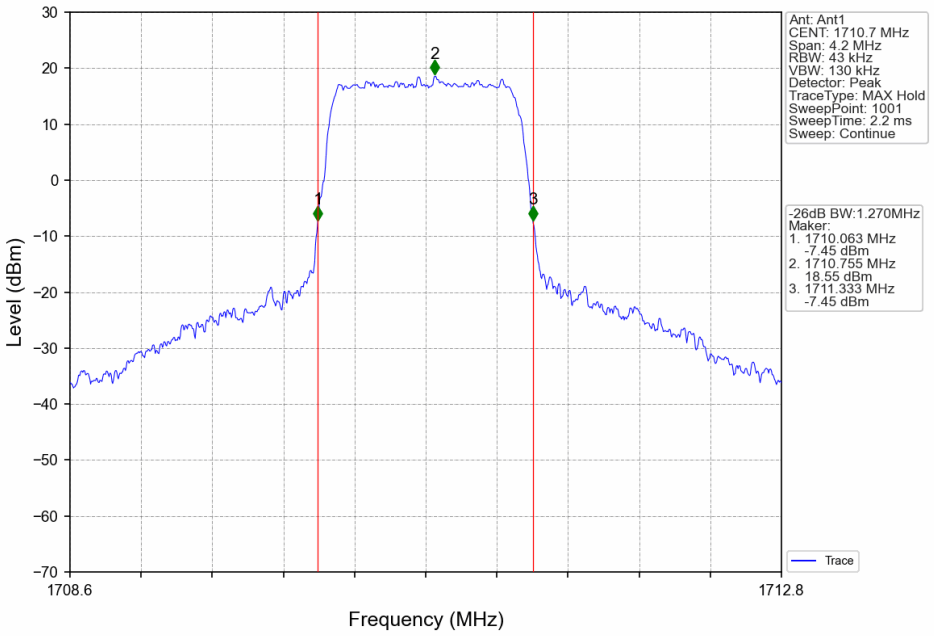
4.2 Band4_XDB

4.2.1 Test Result

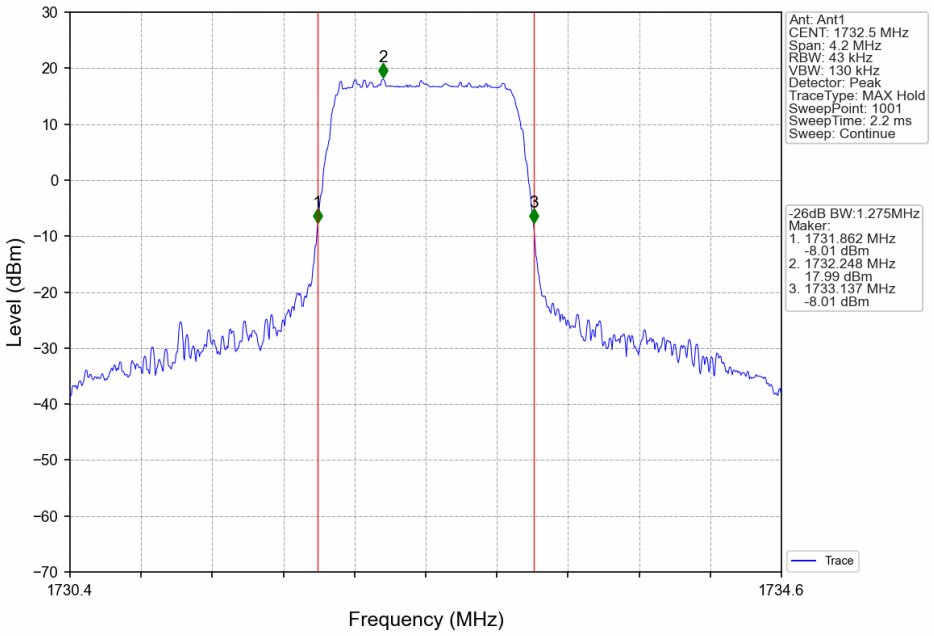
Band: 4 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.270	Pass
		1732.5	6	0	1.275	Pass
		1754.3	6	0	1.275	Pass
	16QAM	1710.7	6	0	1.264	Pass
		1732.5	6	0	1.275	Pass
		1754.3	6	0	1.275	Pass
3	QPSK	1711.5	15	0	3.088	Pass
		1732.5	15	0	3.070	Pass
		1753.5	15	0	3.095	Pass
	16QAM	1711.5	15	0	3.107	Pass
		1732.5	15	0	3.099	Pass
		1753.5	15	0	3.087	Pass
5	QPSK	1712.5	25	0	5.073	Pass
		1732.5	25	0	5.084	Pass
		1752.5	25	0	5.059	Pass
	16QAM	1712.5	25	0	5.087	Pass
		1732.5	25	0	5.053	Pass
		1752.5	25	0	5.080	Pass
10	QPSK	1715	50	0	10.034	Pass
		1732.5	50	0	10.056	Pass
		1750	50	0	10.081	Pass
	16QAM	1715	50	0	10.125	Pass
		1732.5	50	0	10.092	Pass
		1750	50	0	10.040	Pass
15	QPSK	1717.5	75	0	15.105	Pass
		1732.5	75	0	15.086	Pass
		1747.5	75	0	15.163	Pass
	16QAM	1717.5	75	0	15.220	Pass
		1732.5	75	0	15.266	Pass
		1747.5	75	0	15.201	Pass
20	QPSK	1720	100	0	20.020	Pass
		1732.5	100	0	19.957	Pass
		1745	100	0	19.928	Pass
	16QAM	1720	100	0	19.838	Pass
		1732.5	100	0	20.162	Pass
		1745	100	0	20.091	Pass

4.2.2 Test Graph

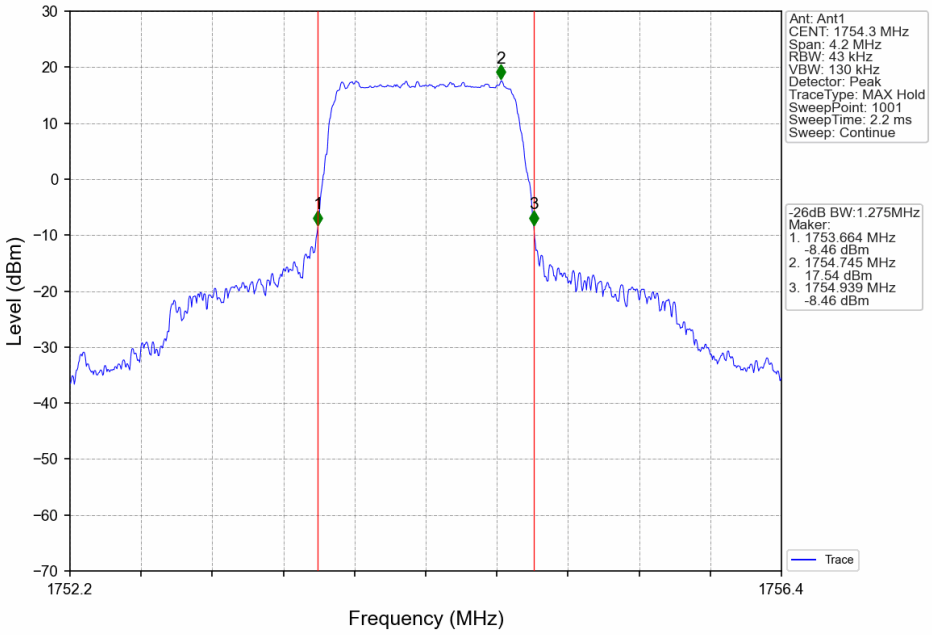
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



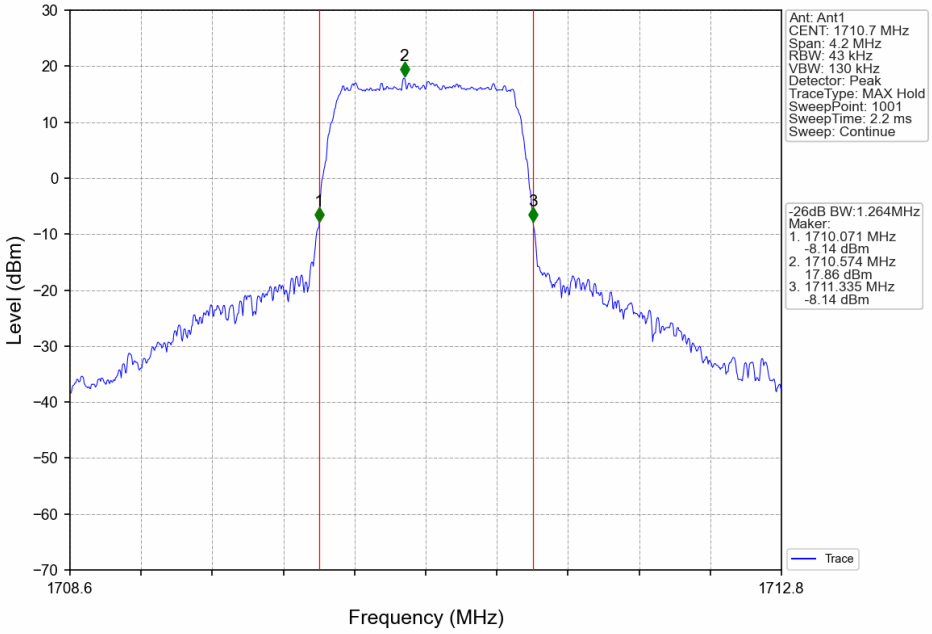
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



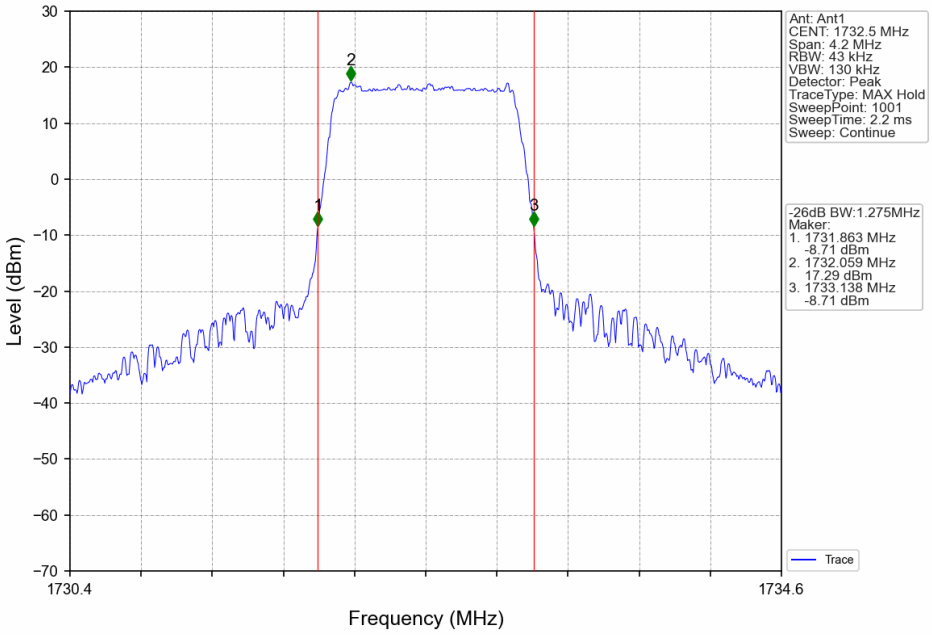
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



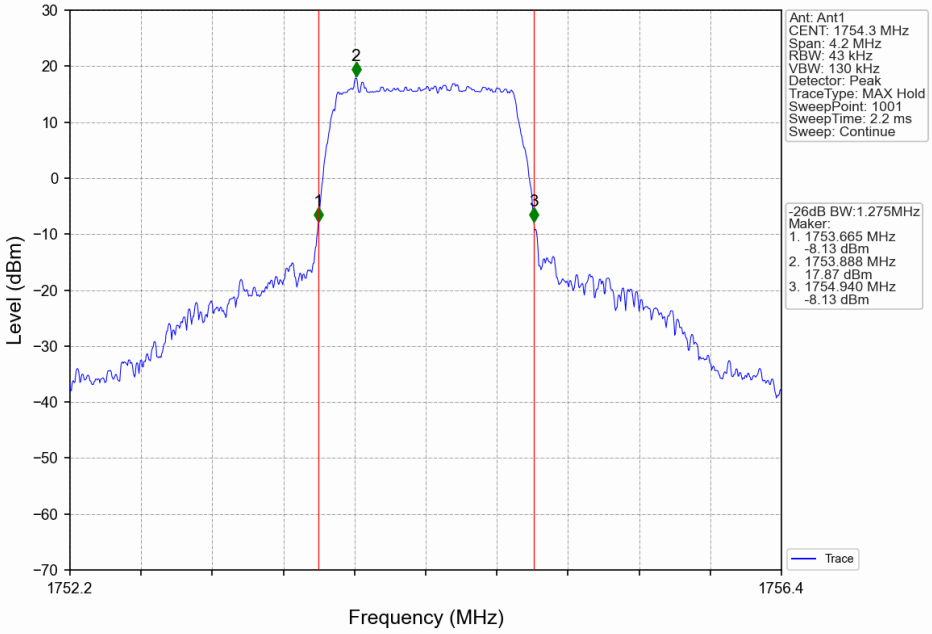
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



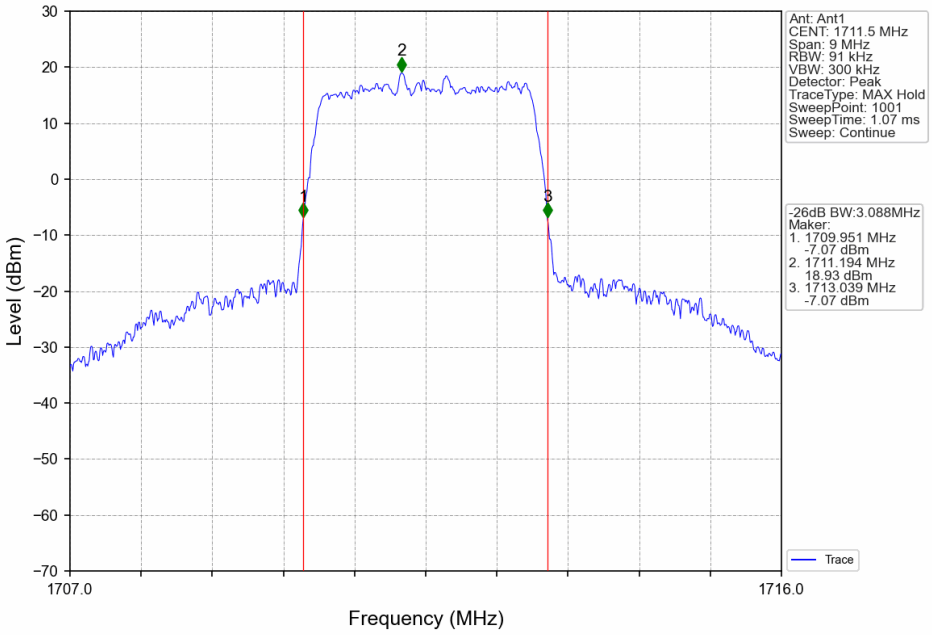
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



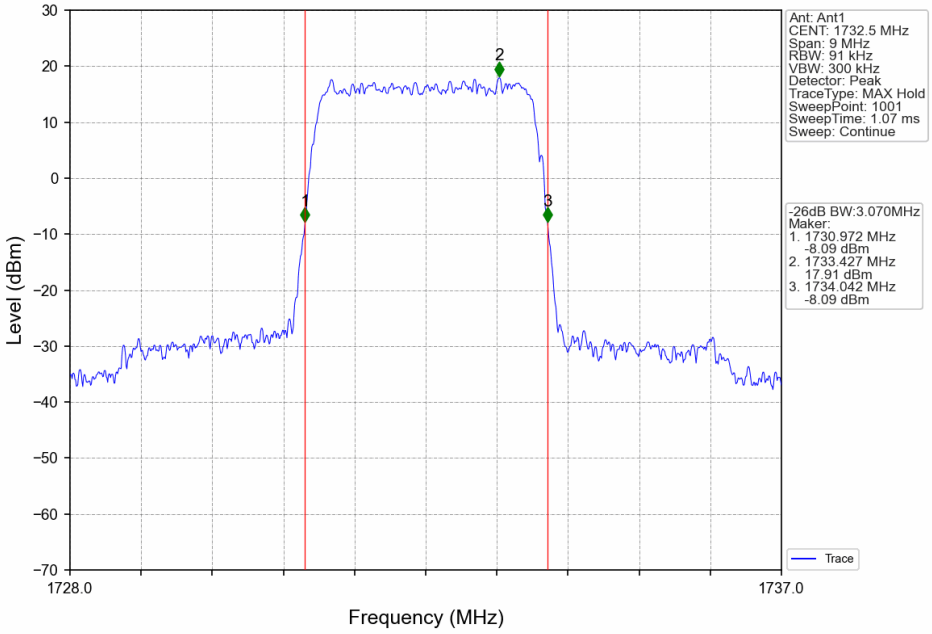
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



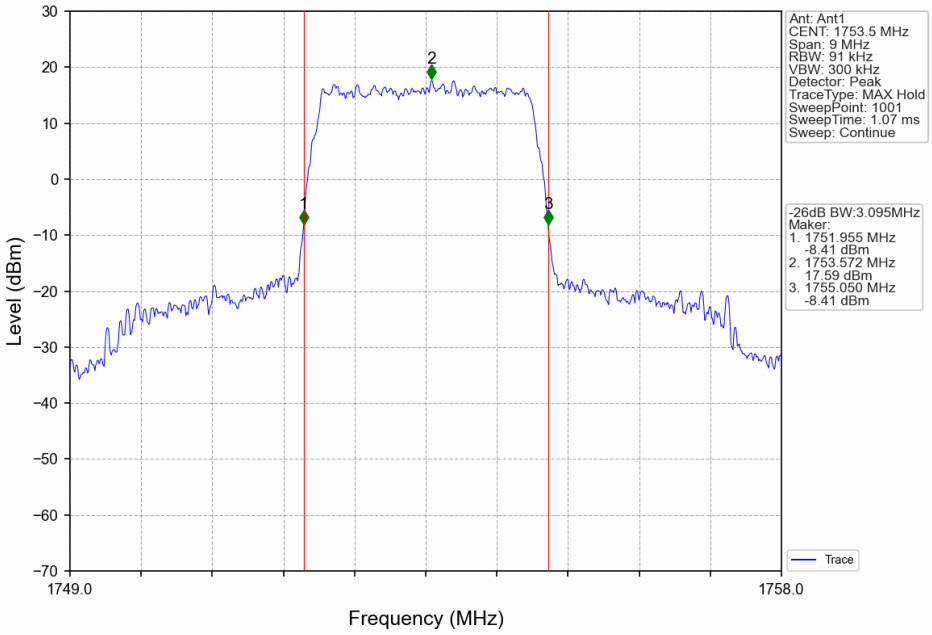
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



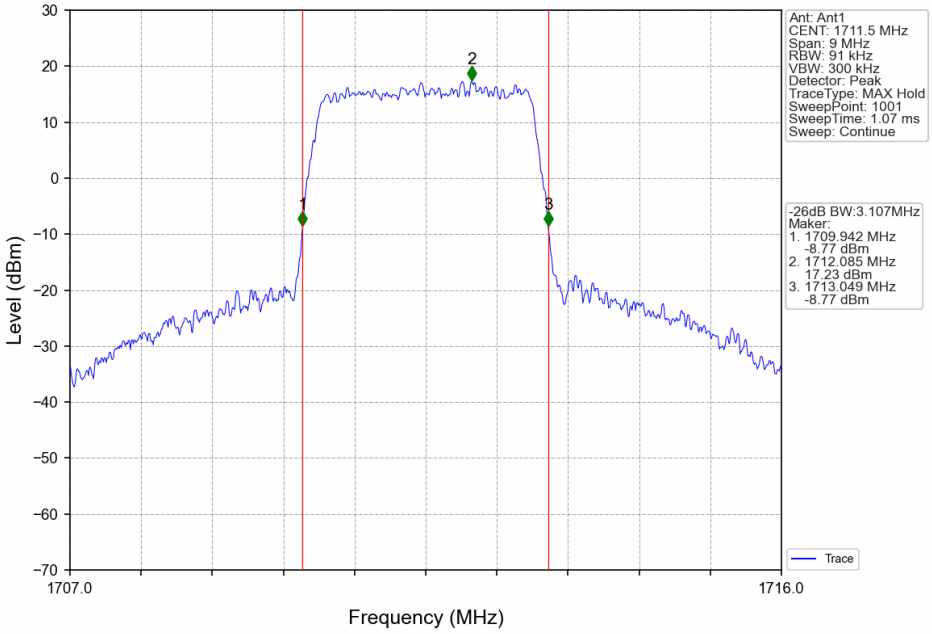
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



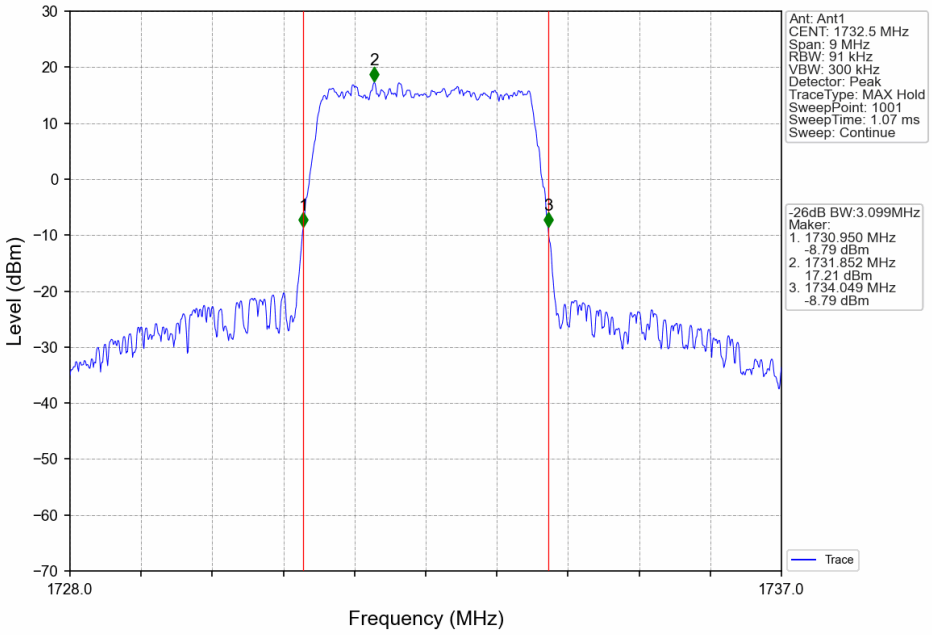
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



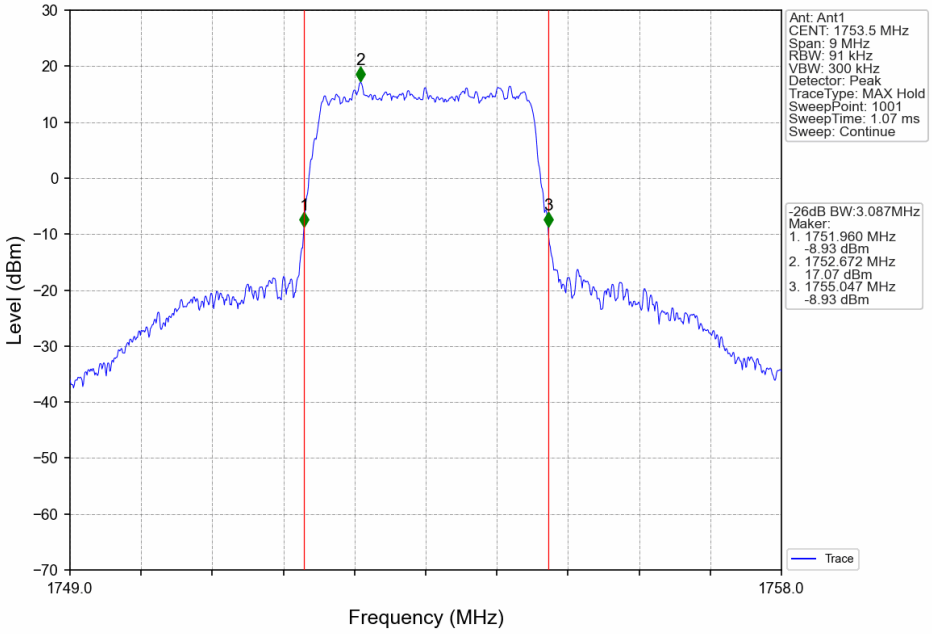
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



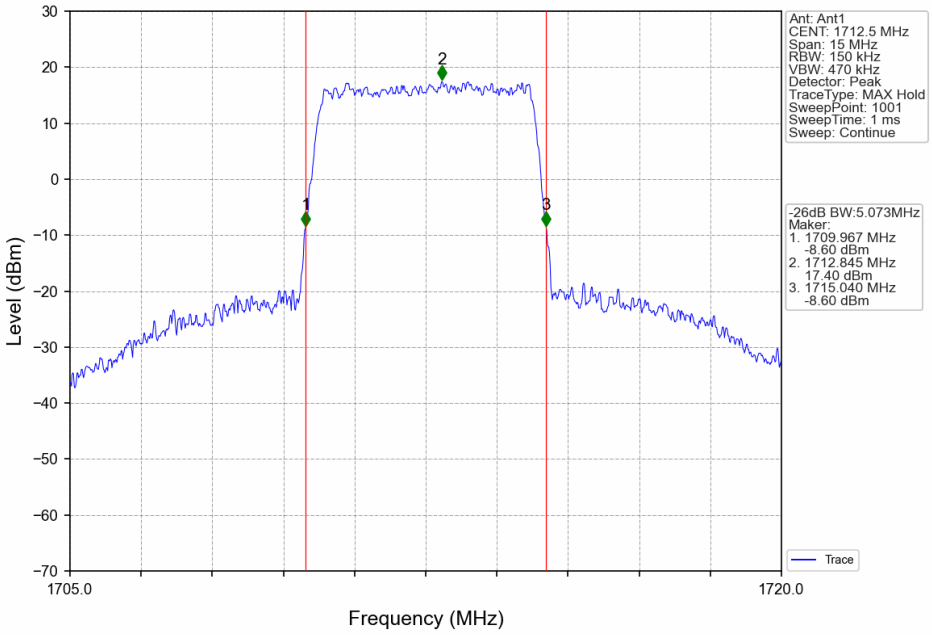
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



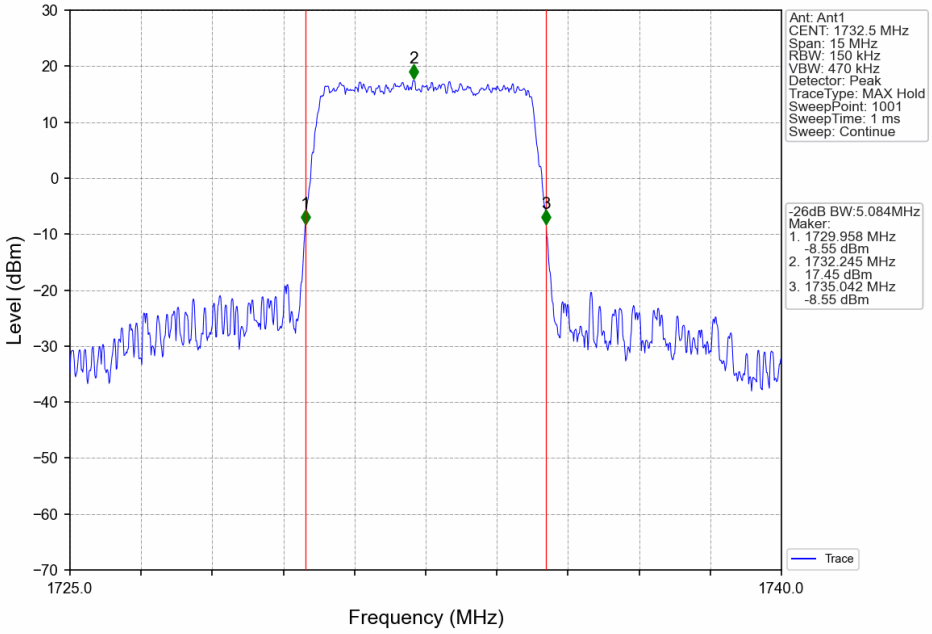
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



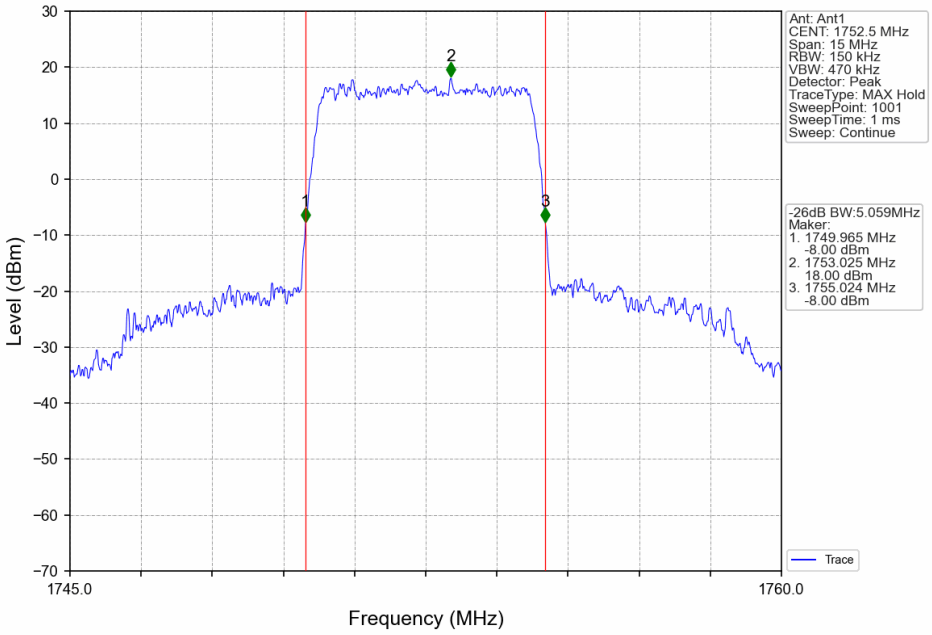
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



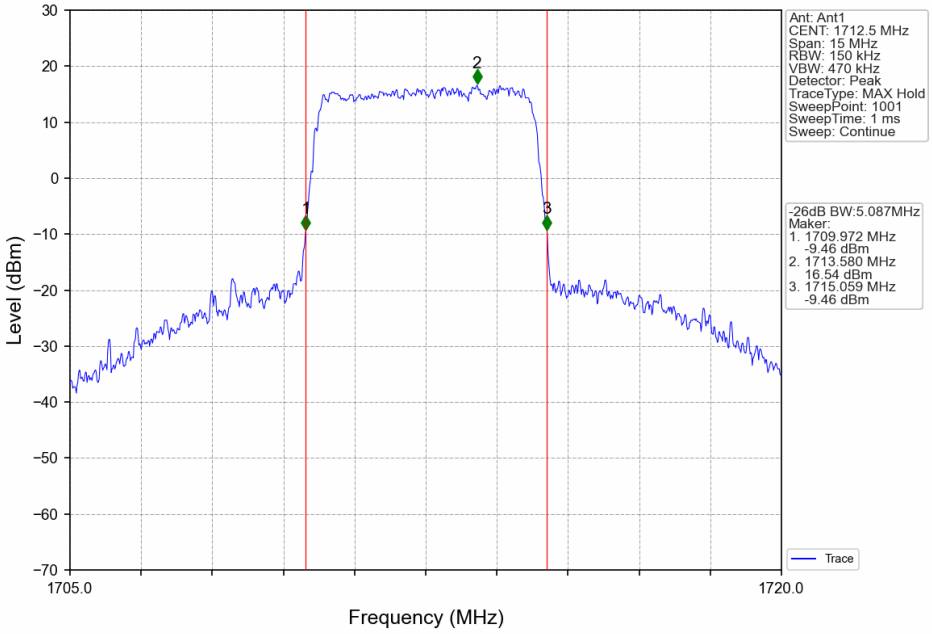
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



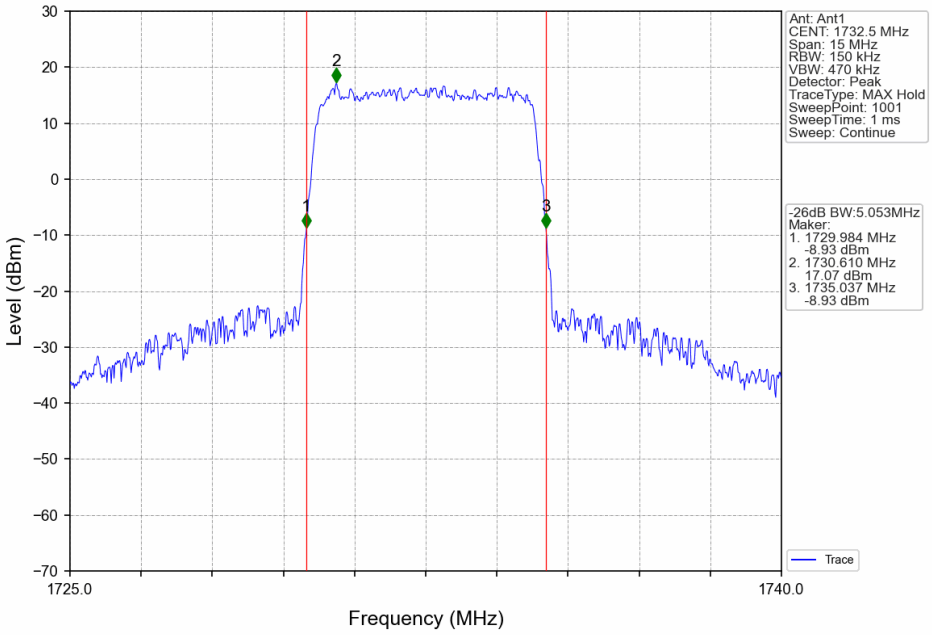
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



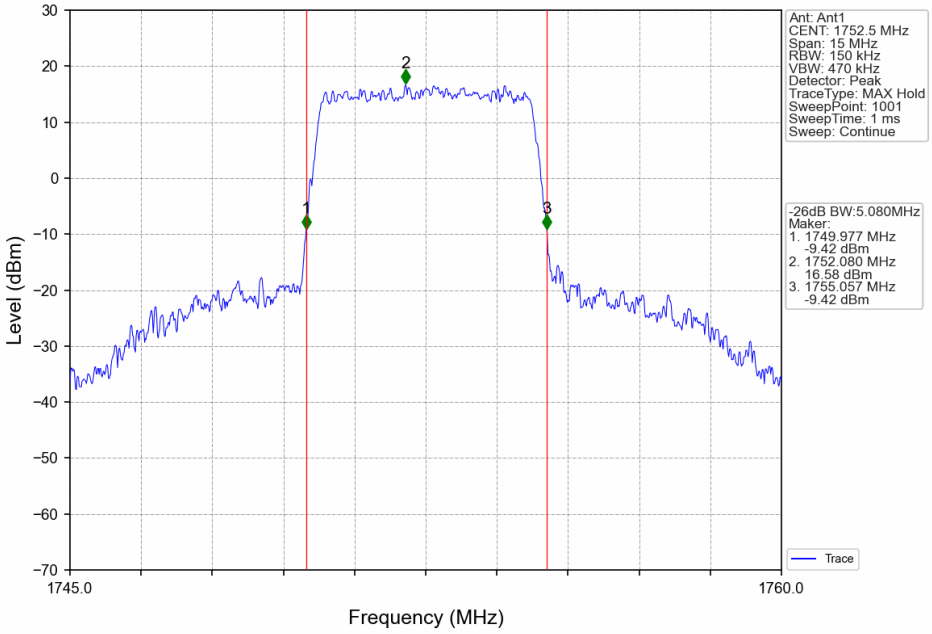
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



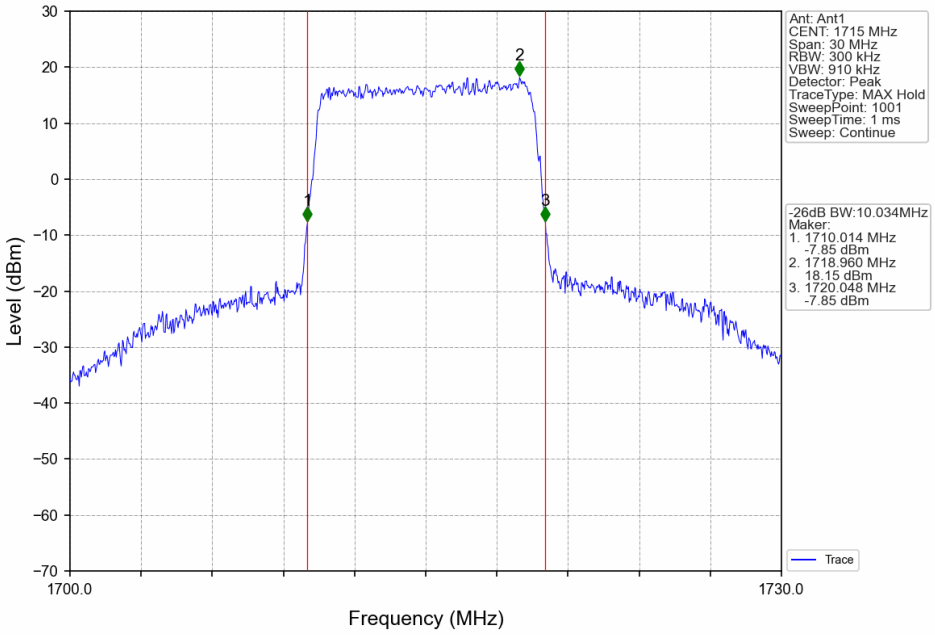
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



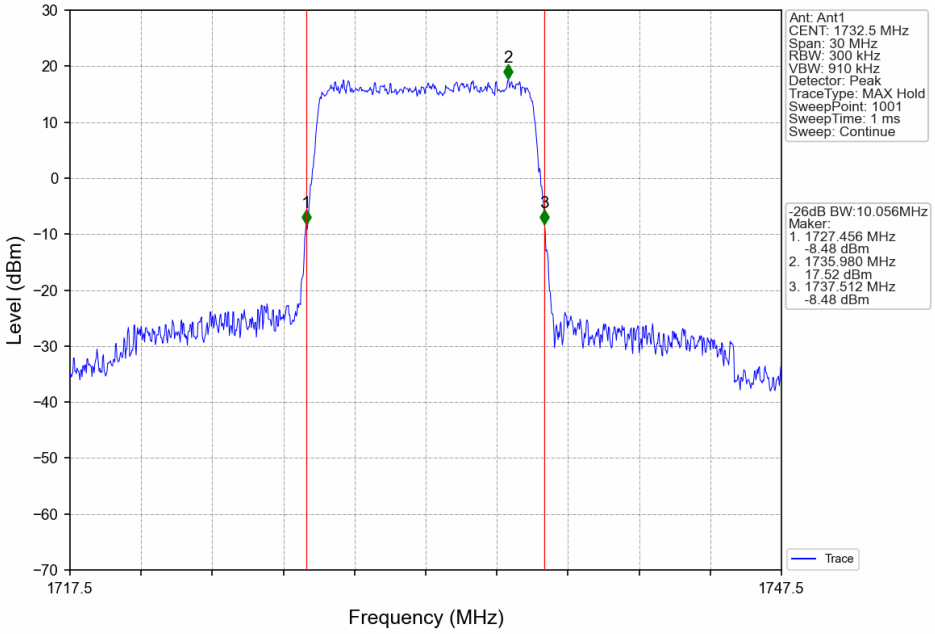
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



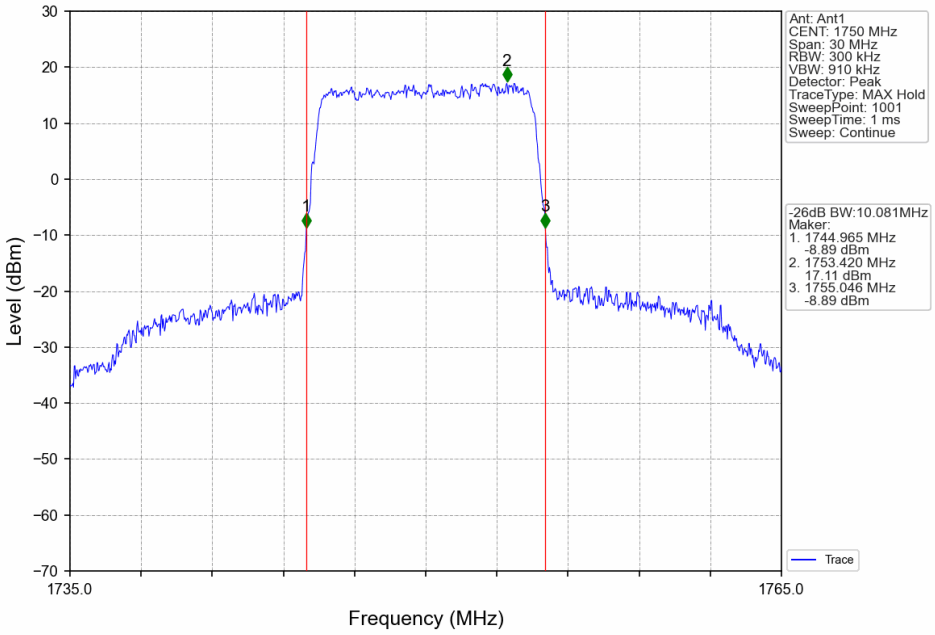
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



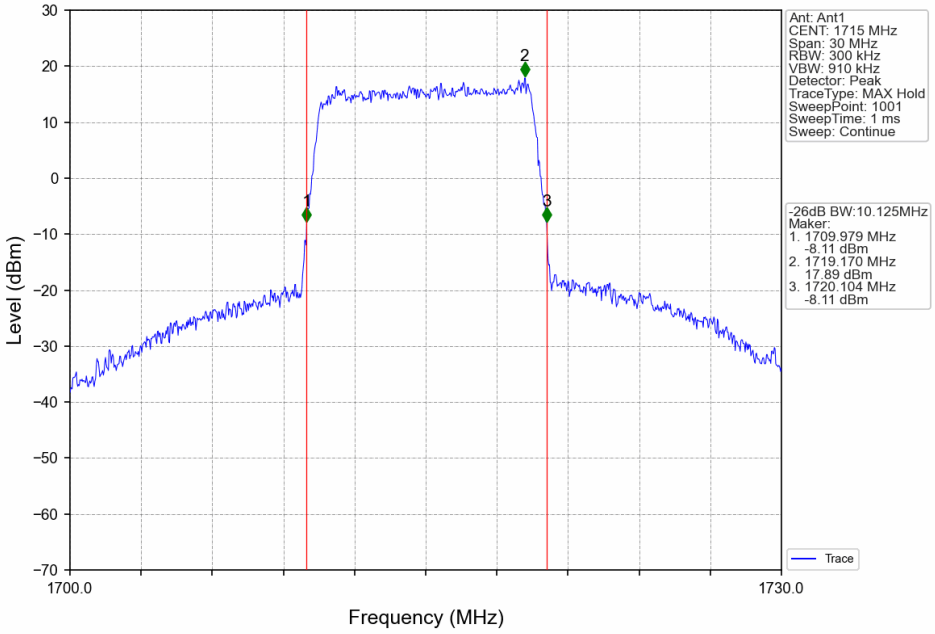
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



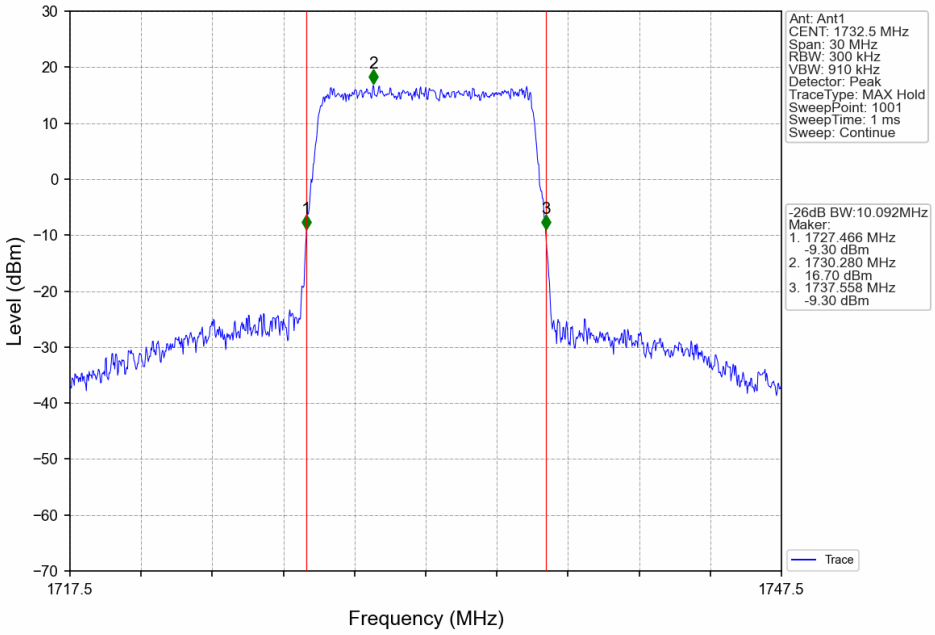
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



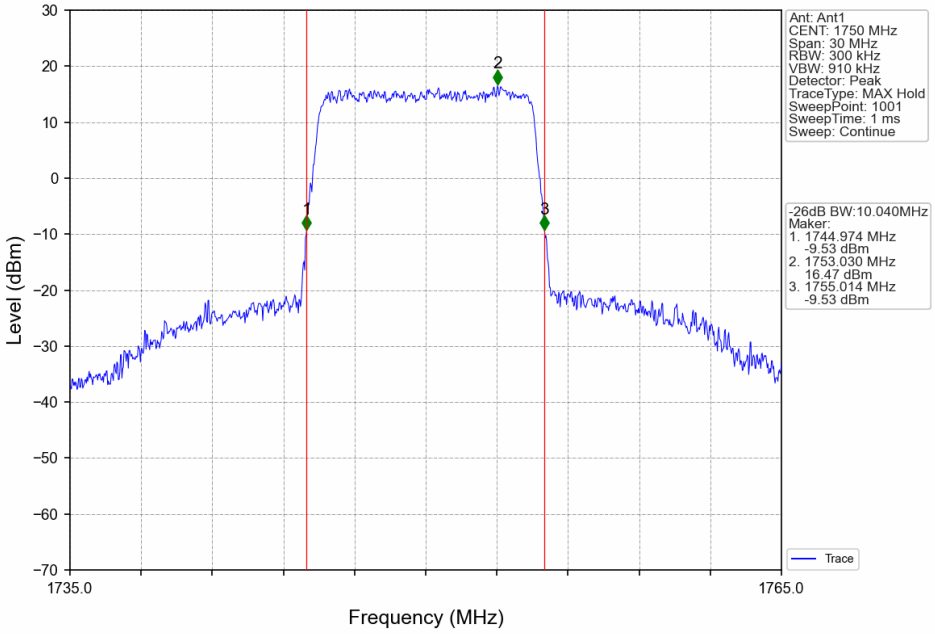
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



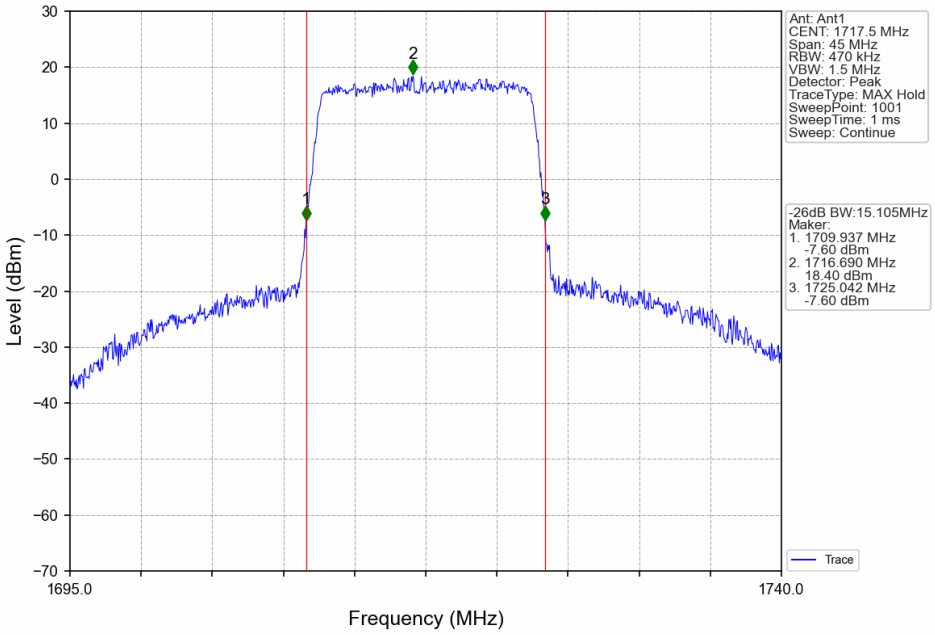
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



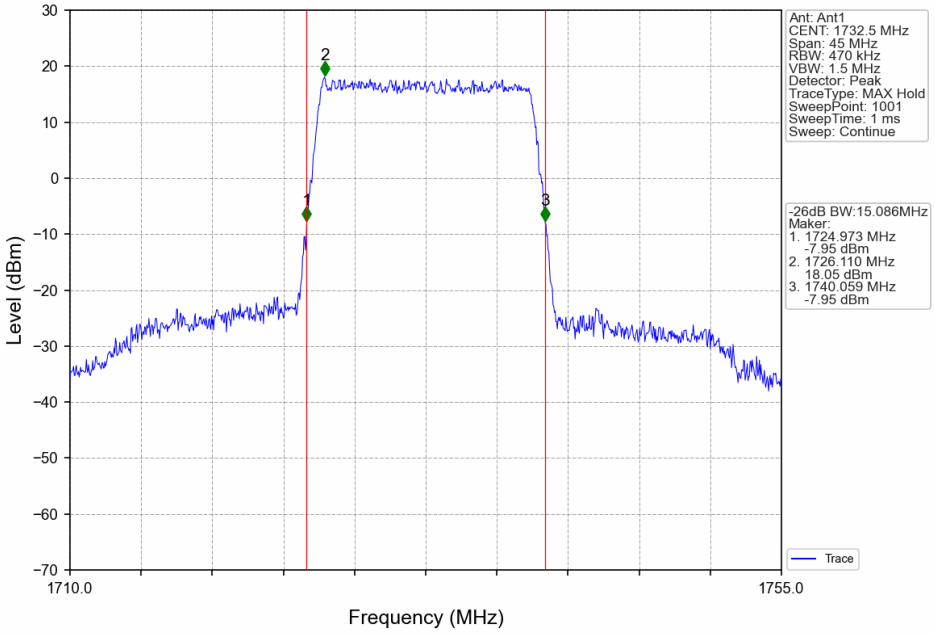
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



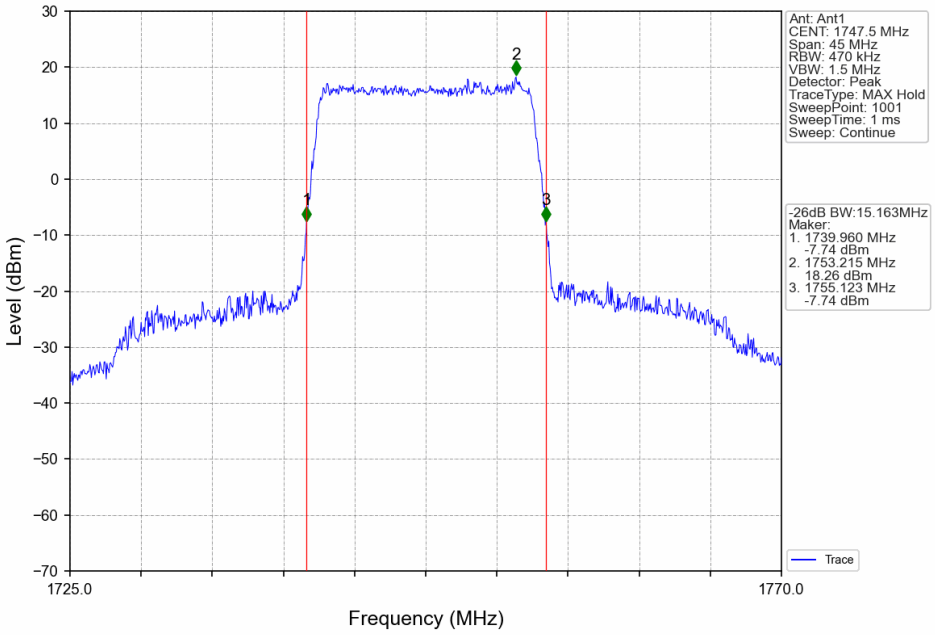
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



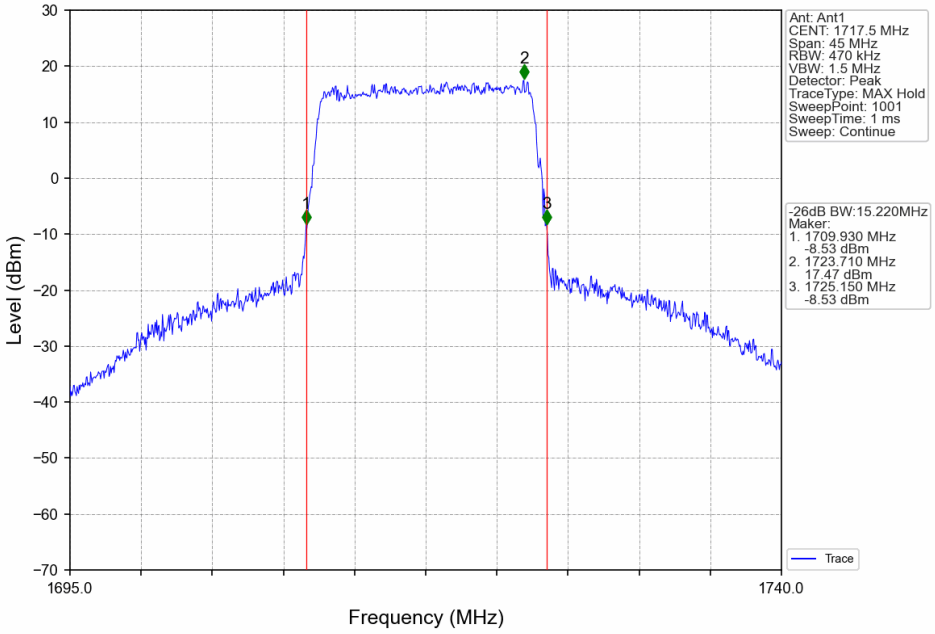
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



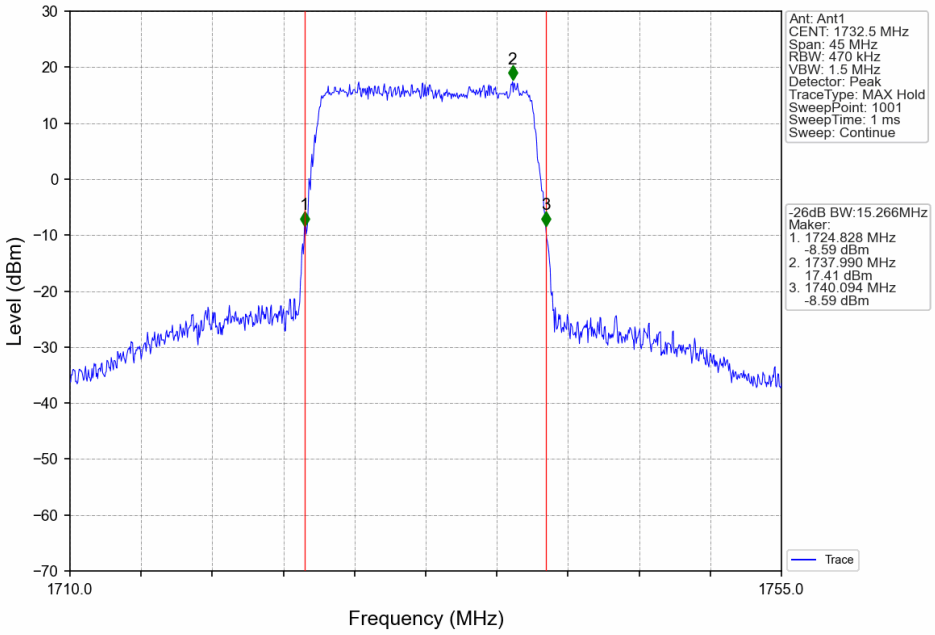
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



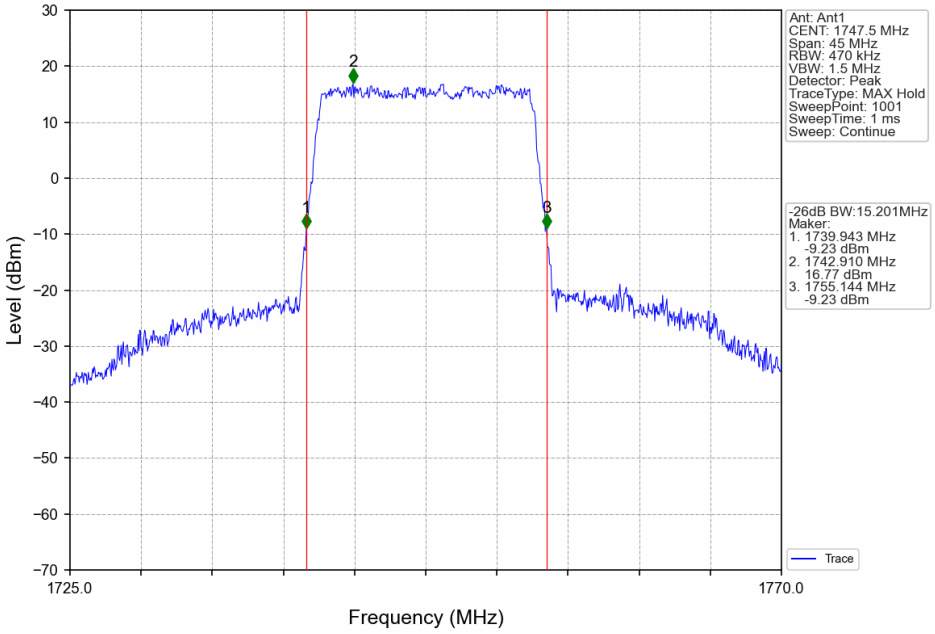
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



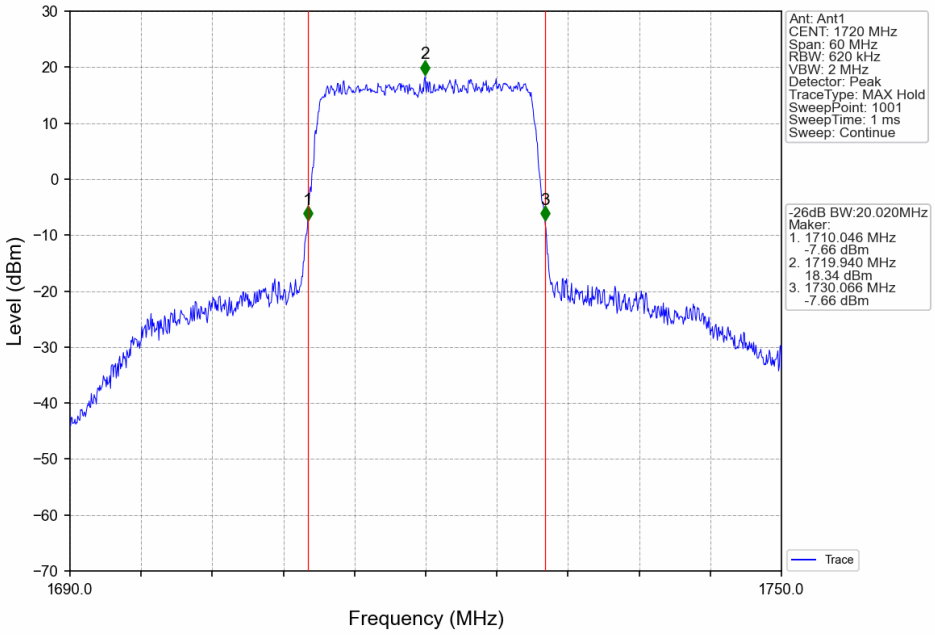
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



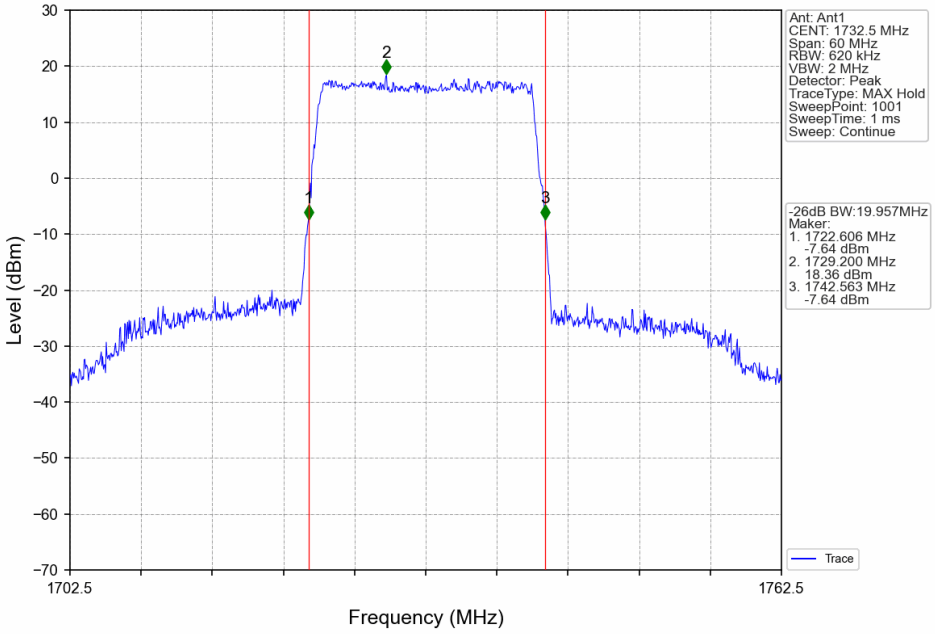
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



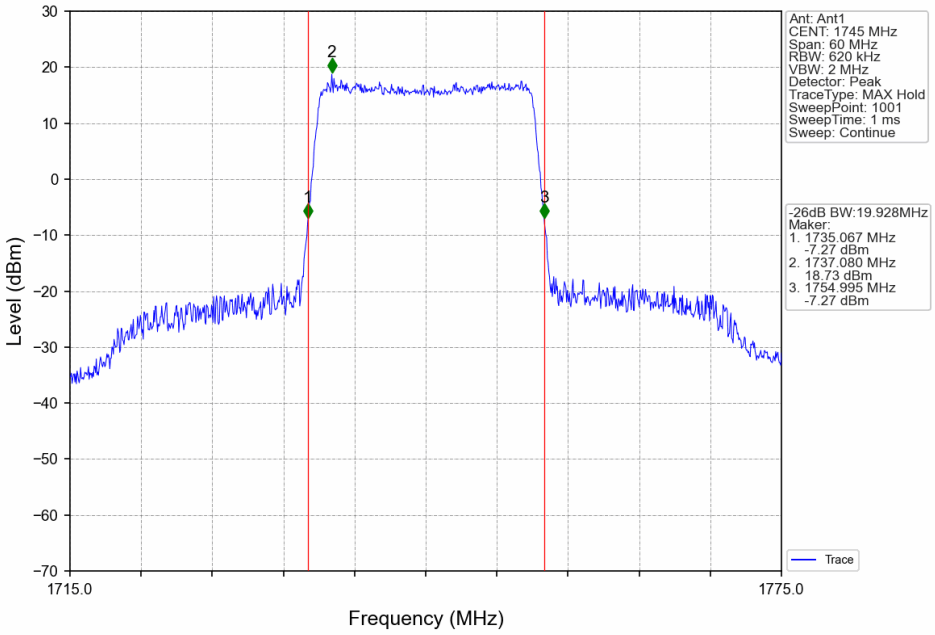
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



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