1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B48_5MHz_EIRP

Band: 48 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	3552.5	1	0	21.41	-0.70	20.71	/	Pass
			13	21.41	-0.70	20.71	/	Pass
			24	21.36	-0.70	20.66	/	Pass
		12	0	20.46	-0.70	19.76	/	Pass
			6	20.51	-0.70	19.81	/	Pass
			13	20.47	-0.70	19.77	/	Pass
		25	0	20.47	-0.70	19.77	/	Pass
	3625	1	0	21.96	-0.70	21.26	/	Pass
			13	21.94	-0.70	21.24	/	Pass
			24	22.03	-0.70	21.33	/	Pass
		12	0	21.03	-0.70	20.33	/	Pass
			6	21.11	-0.70	20.41	/	Pass
			13	21.02	-0.70	20.32	/	Pass
		25	0	20.97	-0.70	20.27	/	Pass
	3697.5	1	0	22.29	-0.70	21.59	/	Pass
			13	22.43	-0.70	21.73	/	Pass
			24	22.30	-0.70	21.60	/	Pass
		12	0	21.38	-0.70	20.68	/	Pass
			6	21.41	-0.70	20.71	/	Pass
			13	21.27	-0.70	20.57	/	Pass
		25	0	21.27	-0.70	20.57	/	Pass
16QAM	3552.5	1	0	20.27	-0.70	19.57	/	Pass
			13	20.55	-0.70	19.85	/	Pass
			24	20.23	-0.70	19.53	/	Pass
		12	0	19.40	-0.70	18.70	/	Pass
			6	19.50	-0.70	18.80	/	Pass
			13	19.48	-0.70	18.78	/	Pass
		25	0	19.46	-0.70	18.76	/	Pass
	3625	1	0	20.80	-0.70	20.10	/	Pass
			13	20.78	-0.70	20.08	/	Pass
			24	21.00	-0.70	20.30	/	Pass
		12	0	19.96	-0.70	19.26	/	Pass
			6	20.16	-0.70	19.46	/	Pass
			13	19.96	-0.70	19.26	/	Pass
		25	0	19.91	-0.70	19.21	/	Pass
	3697.5	1	0	21.32	-0.70	20.62	/	Pass
			13	21.26	-0.70	20.56	/	Pass
			24	21.03	-0.70	20.33	/	Pass
		12	0	20.25	-0.70	19.55	/	Pass
			6	20.29	-0.70	19.59	/	Pass
			13	20.36	-0.70	19.66	/	Pass
		25	0	20.39	-0.70	19.69	/	Pass
64QAM	3552.5	1	0	19.43	-0.70	18.73	/	Pass
			13	19.56	-0.70	18.86	/	Pass
			24	19.19	-0.70	18.49	/	Pass
		12	0	18.44	-0.70	17.74	/	Pass

			6	18.69	-0.70	17.99	/	Pass
			13	18.44	-0.70	17.74	/	Pass
		25	0	18.39	-0.70	17.69	/	Pass
	3625	1	0	19.88	-0.70	19.18	/	Pass
			13	20.01	-0.70	19.31	/	Pass
			24	20.12	-0.70	19.42	/	Pass
		12	0	19.03	-0.70	18.33	/	Pass
			6	19.03	-0.70	18.33	/	Pass
			13	19.01	-0.70	18.31	/	Pass
		25	0	18.90	-0.70	18.20	/	Pass
	3697.5	1	0	20.33	-0.70	19.63	/	Pass
			13	20.11	-0.70	19.41	/	Pass
			24	19.98	-0.70	19.28	/	Pass
		12	0	19.41	-0.70	18.71	/	Pass
			6	19.38	-0.70	18.68	/	Pass
			13	19.50	-0.70	18.80	/	Pass
		25	0	19.38	-0.70	18.68	/	Pass
256QAM	3552.5	1	0	16.22	-0.70	15.52	/	Pass
			13	16.34	-0.70	15.64	/	Pass
			24	16.44	-0.70	15.74	/	Pass
		12	0	16.31	-0.70	15.61	/	Pass
			6	16.52	-0.70	15.82	/	Pass
			13	16.49	-0.70	15.79	/	Pass
		25	0	16.52	-0.70	15.82	/	Pass
	3625	1	0	17.06	-0.70	16.36	/	Pass
			13	17.16	-0.70	16.46	/	Pass
			24	16.98	-0.70	16.28	/	Pass
		12	0	17.14	-0.70	16.44	/	Pass
			6	17.23	-0.70	16.53	/	Pass
			13	17.15	-0.70	16.45	/	Pass
		25	0	17.08	-0.70	16.38	/	Pass
	3697.5	1	0	17.23	-0.70	16.53	/	Pass
			13	17.42	-0.70	16.72	/	Pass
			24	17.27	-0.70	16.57	/	Pass
		12	0	17.40	-0.70	16.70	/	Pass
			6	17.33	-0.70	16.63	/	Pass
			13	17.27	-0.70	16.57	/	Pass
		25	0	17.24	-0.70	16.54	/	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.2 B48_5MHz_EIRP/10MHz

Band: 48 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm/10MHz)	Gain (dBi)	EIRP/10MHz (dBm/10MHz)		Verdict
		Size	Offset			Result	Limit	
QPSK	3552.5	1	0	22.01	-0.70	21.31	<=23	Pass
			13	22.15	-0.70	21.45	<=23	Pass
			24	21.85	-0.70	21.15	<=23	Pass
		12	0	20.66	-0.70	19.96	<=23	Pass
			6	21.38	-0.70	20.68	<=23	Pass
			13	20.66	-0.70	19.96	<=23	Pass
		25	0	20.79	-0.70	20.09	<=23	Pass
	3625	1	0	22.03	-0.70	21.33	<=23	Pass
			13	22.02	-0.70	21.32	<=23	Pass
			24	22.07	-0.70	21.37	<=23	Pass

		12	0	20.94	-0.70	20.24	<=23	Pass
			6	21.12	-0.70	20.42	<=23	Pass
			13	21.08	-0.70	20.38	<=23	Pass
		25	0	21.17	-0.70	20.47	<=23	Pass
	3697.5	1	0	22.04	-0.70	21.34	<=23	Pass
			13	22.25	-0.70	21.55	<=23	Pass
			24	22.18	-0.70	21.48	<=23	Pass
		12	0	21.20	-0.70	20.50	<=23	Pass
			6	21.23	-0.70	20.53	<=23	Pass
			13	20.96	-0.70	20.26	<=23	Pass
		25	0	21.23	-0.70	20.53	<=23	Pass
16QAM	3552.5	1	0	20.83	-0.70	20.13	<=23	Pass
			13	21.33	-0.70	20.63	<=23	Pass
			24	20.64	-0.70	19.94	<=23	Pass
		12	0	20.13	-0.70	19.43	<=23	Pass
			6	19.82	-0.70	19.12	<=23	Pass
			13	19.87	-0.70	19.17	<=23	Pass
		25	0	20.10	-0.70	19.40	<=23	Pass
	3625	1	0	21.09	-0.70	20.39	<=23	Pass
			13	21.36	-0.70	20.66	<=23	Pass
			24	20.96	-0.70	20.26	<=23	Pass
		12	0	20.18	-0.70	19.48	<=23	Pass
			6	20.08	-0.70	19.38	<=23	Pass
			13	20.09	-0.70	19.39	<=23	Pass
		25	0	19.98	-0.70	19.28	<=23	Pass
	3697.5	1	0	21.02	-0.70	20.32	<=23	Pass
			13	20.88	-0.70	20.18	<=23	Pass
			24	20.94	-0.70	20.24	<=23	Pass
		12	0	20.18	-0.70	19.48	<=23	Pass
			6	19.96	-0.70	19.26	<=23	Pass
			13	20.11	-0.70	19.41	<=23	Pass
		25	0	20.20	-0.70	19.50	<=23	Pass
64QAM	3552.5	1	0	19.65	-0.70	18.95	<=23	Pass
			13	20.01	-0.70	19.31	<=23	Pass
			24	19.47	-0.70	18.77	<=23	Pass
		12	0	18.74	-0.70	18.04	<=23	Pass
			6	18.75	-0.70	18.05	<=23	Pass
			13	19.27	-0.70	18.57	<=23	Pass
		25	0	19.12	-0.70	18.42	<=23	Pass
	3625	1	0	19.79	-0.70	19.09	<=23	Pass
			13	20.00	-0.70	19.30	<=23	Pass
			24	19.96	-0.70	19.26	<=23	Pass
		12	0	19.22	-0.70	18.52	<=23	Pass
			6	19.16	-0.70	18.46	<=23	Pass
			13	19.15	-0.70	18.45	<=23	Pass
		25	0	18.98	-0.70	18.28	<=23	Pass
	3697.5	1	0	19.95	-0.70	19.25	<=23	Pass
			13	20.06	-0.70	19.36	<=23	Pass
			24	20.08	-0.70	19.38	<=23	Pass
		12	0	19.19	-0.70	18.49	<=23	Pass
			6	19.28	-0.70	18.58	<=23	Pass
			13	19.18	-0.70	18.48	<=23	Pass
		25	0	19.07	-0.70	18.37	<=23	Pass
256QAM	3552.5	1	0	17.13	-0.70	16.43	<=23	Pass
			13	16.97	-0.70	16.27	<=23	Pass
			24	16.92	-0.70	16.22	<=23	Pass
		12	0	17.17	-0.70	16.47	<=23	Pass

			6	17.29	-0.70	16.59	<=23	Pass
			13	17.22	-0.70	16.52	<=23	Pass
		25	0	17.20	-0.70	16.50	<=23	Pass
	3625	1	0	17.26	-0.70	16.56	<=23	Pass
			13	17.06	-0.70	16.36	<=23	Pass
			24	17.20	-0.70	16.50	<=23	Pass
		12	0	17.83	-0.70	17.13	<=23	Pass
			6	17.74	-0.70	17.04	<=23	Pass
			13	17.72	-0.70	17.02	<=23	Pass
		25	0	17.77	-0.70	17.07	<=23	Pass
	3697.5	1	0	16.95	-0.70	16.25	<=23	Pass
			13	16.94	-0.70	16.24	<=23	Pass
			24	17.23	-0.70	16.53	<=23	Pass
		12	0	17.24	-0.70	16.54	<=23	Pass
			6	16.95	-0.70	16.25	<=23	Pass
			13	16.91	-0.70	16.21	<=23	Pass
		25	0	16.88	-0.70	16.18	<=23	Pass
Note1: EIRP/10MHz=Conducted Power+Antenna Gain-2.15								

1.1.3 B48_10MHz_EIRP

Band: 48 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	3555	1	0	21.32	-0.70	20.62	/	Pass
			25	21.30	-0.70	20.60	/	Pass
			49	21.12	-0.70	20.42	/	Pass
		25	0	20.30	-0.70	19.60	/	Pass
			13	20.32	-0.70	19.62	/	Pass
			25	20.20	-0.70	19.50	/	Pass
		50	0	20.21	-0.70	19.51	/	Pass
	3625	1	0	21.75	-0.70	21.05	/	Pass
			25	20.46	-0.70	19.76	/	Pass
			49	20.60	-0.70	19.90	/	Pass
		25	0	19.88	-0.70	19.18	/	Pass
			13	20.01	-0.70	19.31	/	Pass
			25	20.01	-0.70	19.31	/	Pass
		50	0	19.89	-0.70	19.19	/	Pass
	3695	1	0	20.93	-0.70	20.23	/	Pass
			25	21.00	-0.70	20.30	/	Pass
			49	20.96	-0.70	20.26	/	Pass
		25	0	20.42	-0.70	19.72	/	Pass
			13	20.43	-0.70	19.73	/	Pass
			25	20.35	-0.70	19.65	/	Pass
		50	0	20.45	-0.70	19.75	/	Pass
16QAM	3555	1	0	20.16	-0.70	19.46	/	Pass
			25	20.23	-0.70	19.53	/	Pass
			49	20.12	-0.70	19.42	/	Pass
		25	0	19.32	-0.70	18.62	/	Pass
			13	19.27	-0.70	18.57	/	Pass
			25	19.20	-0.70	18.50	/	Pass
		50	0	19.21	-0.70	18.51	/	Pass
	3625	1	0	19.87	-0.70	19.17	/	Pass
			25	19.78	-0.70	19.08	/	Pass
			49	19.78	-0.70	19.08	/	Pass

		25	0	19.25	-0.70	18.55	/	Pass
			13	19.02	-0.70	18.32	/	Pass
			25	19.27	-0.70	18.57	/	Pass
		50	0	19.30	-0.70	18.60	/	Pass
	3695	1	0	20.37	-0.70	19.67	/	Pass
			25	20.42	-0.70	19.72	/	Pass
			49	20.17	-0.70	19.47	/	Pass
		25	0	19.78	-0.70	19.08	/	Pass
			13	19.83	-0.70	19.13	/	Pass
			25	19.76	-0.70	19.06	/	Pass
		50	0	19.84	-0.70	19.14	/	Pass
64QAM	3555	1	0	19.18	-0.70	18.48	/	Pass
			25	19.12	-0.70	18.42	/	Pass
			49	19.15	-0.70	18.45	/	Pass
		25	0	18.31	-0.70	17.61	/	Pass
			13	18.35	-0.70	17.65	/	Pass
			25	18.19	-0.70	17.49	/	Pass
		50	0	18.23	-0.70	17.53	/	Pass
	3625	1	0	19.10	-0.70	18.40	/	Pass
			25	19.37	-0.70	18.67	/	Pass
			49	19.20	-0.70	18.50	/	Pass
		25	0	18.84	-0.70	18.14	/	Pass
			13	18.87	-0.70	18.17	/	Pass
			25	18.94	-0.70	18.24	/	Pass
		50	0	18.59	-0.70	17.89	/	Pass
	3695	1	0	19.52	-0.70	18.82	/	Pass
			25	19.68	-0.70	18.98	/	Pass
			49	19.50	-0.70	18.80	/	Pass
		25	0	19.28	-0.70	18.58	/	Pass
			13	19.33	-0.70	18.63	/	Pass
			25	19.24	-0.70	18.54	/	Pass
		50	0	19.28	-0.70	18.58	/	Pass
256QAM	3555	1	0	16.13	-0.70	15.43	/	Pass
			25	16.21	-0.70	15.51	/	Pass
			49	16.14	-0.70	15.44	/	Pass
		25	0	16.33	-0.70	15.63	/	Pass
			13	16.37	-0.70	15.67	/	Pass
			25	16.25	-0.70	15.55	/	Pass
		50	0	16.25	-0.70	15.55	/	Pass
	3625	1	0	16.60	-0.70	15.90	/	Pass
			25	16.79	-0.70	16.09	/	Pass
			49	16.92	-0.70	16.22	/	Pass
		25	0	16.91	-0.70	16.21	/	Pass
			13	16.90	-0.70	16.20	/	Pass
			25	16.95	-0.70	16.25	/	Pass
		50	0	16.88	-0.70	16.18	/	Pass
	3695	1	0	17.17	-0.70	16.47	/	Pass
			25	17.28	-0.70	16.58	/	Pass
			49	16.88	-0.70	16.18	/	Pass
		25	0	17.27	-0.70	16.57	/	Pass
			13	17.36	-0.70	16.66	/	Pass
			25	17.23	-0.70	16.53	/	Pass
		50	0	17.30	-0.70	16.60	/	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.4 B48_10MHz_EIRP/10MHz

Band: 48 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm/10MHz)	Gain (dBi)	EIRP/10MHz (dBm/10MHz)		Verdict
		Size	Offset			Result	Limit	
QPSK	3555	1	0	21.69	-0.70	20.99	<=23	Pass
			25	21.87	-0.70	21.17	<=23	Pass
			49	21.83	-0.70	21.13	<=23	Pass
		25	0	20.90	-0.70	20.20	<=23	Pass
			13	20.83	-0.70	20.13	<=23	Pass
			25	20.22	-0.70	19.52	<=23	Pass
		50	0	20.51	-0.70	19.81	<=23	Pass
	3625	1	0	22.79	-0.70	22.09	<=23	Pass
			25	20.19	-0.70	19.49	<=23	Pass
			49	21.64	-0.70	20.94	<=23	Pass
		25	0	21.30	-0.70	20.60	<=23	Pass
			13	20.24	-0.70	19.54	<=23	Pass
			25	21.38	-0.70	20.68	<=23	Pass
		50	0	20.32	-0.70	19.62	<=23	Pass
	3695	1	0	21.25	-0.70	20.55	<=23	Pass
			25	20.86	-0.70	20.16	<=23	Pass
			49	21.15	-0.70	20.45	<=23	Pass
		25	0	20.81	-0.70	20.11	<=23	Pass
			13	21.58	-0.70	20.88	<=23	Pass
			25	20.34	-0.70	19.64	<=23	Pass
		50	0	20.74	-0.70	20.04	<=23	Pass
16QAM	3555	1	0	20.84	-0.70	20.14	<=23	Pass
			25	20.54	-0.70	19.84	<=23	Pass
			49	20.93	-0.70	20.23	<=23	Pass
		25	0	19.53	-0.70	18.83	<=23	Pass
			13	19.89	-0.70	19.19	<=23	Pass
			25	19.61	-0.70	18.91	<=23	Pass
		50	0	19.89	-0.70	19.19	<=23	Pass
	3625	1	0	21.37	-0.70	20.67	<=23	Pass
			25	18.43	-0.70	17.73	<=23	Pass
			49	21.44	-0.70	20.74	<=23	Pass
		25	0	20.21	-0.70	19.51	<=23	Pass
			13	19.77	-0.70	19.07	<=23	Pass
			25	19.64	-0.70	18.94	<=23	Pass
		50	0	19.82	-0.70	19.12	<=23	Pass
	3695	1	0	20.88	-0.70	20.18	<=23	Pass
			25	20.74	-0.70	20.04	<=23	Pass
			49	20.87	-0.70	20.17	<=23	Pass
		25	0	20.14	-0.70	19.44	<=23	Pass
			13	20.55	-0.70	19.85	<=23	Pass
			25	20.21	-0.70	19.51	<=23	Pass
		50	0	20.20	-0.70	19.50	<=23	Pass
64QAM	3555	1	0	19.80	-0.70	19.10	<=23	Pass
			25	20.11	-0.70	19.41	<=23	Pass
			49	19.75	-0.70	19.05	<=23	Pass
		25	0	18.70	-0.70	18.00	<=23	Pass
			13	18.80	-0.70	18.10	<=23	Pass
			25	18.79	-0.70	18.09	<=23	Pass
		50	0	18.88	-0.70	18.18	<=23	Pass
	3625	1	0	20.54	-0.70	19.84	<=23	Pass
			25	20.98	-0.70	20.28	<=23	Pass

			49	20.21	-0.70	19.51	<=23	Pass
		25	0	20.11	-0.70	19.41	<=23	Pass
			13	20.20	-0.70	19.50	<=23	Pass
			25	17.54	-0.70	16.84	<=23	Pass
		50	0	19.18	-0.70	18.48	<=23	Pass
	3695	1	0	20.23	-0.70	19.53	<=23	Pass
			25	19.73	-0.70	19.03	<=23	Pass
			49	19.99	-0.70	19.29	<=23	Pass
		25	0	19.56	-0.70	18.86	<=23	Pass
			13	19.83	-0.70	19.13	<=23	Pass
			25	18.96	-0.70	18.26	<=23	Pass
		50	0	20.11	-0.70	19.41	<=23	Pass
256QAM	3555	1	0	16.96	-0.70	16.26	<=23	Pass
			25	16.92	-0.70	16.22	<=23	Pass
			49	16.65	-0.70	15.95	<=23	Pass
		25	0	16.76	-0.70	16.06	<=23	Pass
			13	16.71	-0.70	16.01	<=23	Pass
			25	16.96	-0.70	16.26	<=23	Pass
		50	0	16.94	-0.70	16.24	<=23	Pass
	3625	1	0	17.36	-0.70	16.66	<=23	Pass
			25	17.53	-0.70	16.83	<=23	Pass
			49	17.14	-0.70	16.44	<=23	Pass
		25	0	19.13	-0.70	18.43	<=23	Pass
			13	18.69	-0.70	17.99	<=23	Pass
			25	18.06	-0.70	17.36	<=23	Pass
		50	0	17.98	-0.70	17.28	<=23	Pass
	3695	1	0	17.79	-0.70	17.09	<=23	Pass
			25	17.87	-0.70	17.17	<=23	Pass
			49	17.71	-0.70	17.01	<=23	Pass
		25	0	17.46	-0.70	16.76	<=23	Pass
			13	17.59	-0.70	16.89	<=23	Pass
			25	17.49	-0.70	16.79	<=23	Pass
		50	0	17.04	-0.70	16.34	<=23	Pass
Note1: EIRP/10MHz=Conducted Power+Antenna Gain-2.15								

1.1.5 B48_15MHz_EIRP

Band: 48 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	3557.5	1	0	21.12	-0.70	20.42	/	Pass
			38	20.97	-0.70	20.27	/	Pass
			74	21.05	-0.70	20.35	/	Pass
		36	0	19.29	-0.70	18.59	/	Pass
			18	19.22	-0.70	18.52	/	Pass
			39	19.10	-0.70	18.40	/	Pass
		75	0	19.19	-0.70	18.49	/	Pass
	3625	1	0	20.35	-0.70	19.65	/	Pass
			38	20.27	-0.70	19.57	/	Pass
			74	20.48	-0.70	19.78	/	Pass
		36	0	19.65	-0.70	18.95	/	Pass
			18	19.81	-0.70	19.11	/	Pass
			39	19.61	-0.70	18.91	/	Pass
		75	0	19.87	-0.70	19.17	/	Pass
	3692.5	1	0	20.34	-0.70	19.64	/	Pass

			38	20.72	-0.70	20.02	/	Pass
			74	22.03	-0.70	21.33	/	Pass
		36	0	20.25	-0.70	19.55	/	Pass
			18	20.27	-0.70	19.57	/	Pass
			39	20.24	-0.70	19.54	/	Pass
		75	0	20.23	-0.70	19.53	/	Pass
16QAM	3557.5	1	0	19.28	-0.70	18.58	/	Pass
			38	18.97	-0.70	18.27	/	Pass
			74	18.91	-0.70	18.21	/	Pass
		36	0	18.75	-0.70	18.05	/	Pass
			18	18.64	-0.70	17.94	/	Pass
			39	18.63	-0.70	17.93	/	Pass
		75	0	18.54	-0.70	17.84	/	Pass
	3625	1	0	19.54	-0.70	18.84	/	Pass
			38	19.84	-0.70	19.14	/	Pass
			74	19.75	-0.70	19.05	/	Pass
		36	0	19.26	-0.70	18.56	/	Pass
			18	18.99	-0.70	18.29	/	Pass
			39	19.35	-0.70	18.65	/	Pass
		75	0	19.25	-0.70	18.55	/	Pass
	3692.5	1	0	20.00	-0.70	19.30	/	Pass
			38	20.10	-0.70	19.40	/	Pass
			74	19.94	-0.70	19.24	/	Pass
		36	0	19.62	-0.70	18.92	/	Pass
			18	19.72	-0.70	19.02	/	Pass
			39	19.48	-0.70	18.78	/	Pass
		75	0	19.62	-0.70	18.92	/	Pass
64QAM	3557.5	1	0	18.42	-0.70	17.72	/	Pass
			38	18.54	-0.70	17.84	/	Pass
			74	18.35	-0.70	17.65	/	Pass
		36	0	18.17	-0.70	17.47	/	Pass
			18	18.04	-0.70	17.34	/	Pass
			39	18.10	-0.70	17.40	/	Pass
		75	0	18.08	-0.70	17.38	/	Pass
	3625	1	0	19.22	-0.70	18.52	/	Pass
			38	19.19	-0.70	18.49	/	Pass
			74	19.32	-0.70	18.62	/	Pass
		36	0	18.73	-0.70	18.03	/	Pass
			18	18.53	-0.70	17.83	/	Pass
			39	18.83	-0.70	18.13	/	Pass
		75	0	18.77	-0.70	18.07	/	Pass
	3692.5	1	0	19.33	-0.70	18.63	/	Pass
			38	19.45	-0.70	18.75	/	Pass
			74	19.49	-0.70	18.79	/	Pass
		36	0	19.14	-0.70	18.44	/	Pass
			18	19.21	-0.70	18.51	/	Pass
			39	19.12	-0.70	18.42	/	Pass
		75	0	19.16	-0.70	18.46	/	Pass
256QAM	3557.5	1	0	16.04	-0.70	15.34	/	Pass
			38	15.93	-0.70	15.23	/	Pass
			74	15.97	-0.70	15.27	/	Pass
		36	0	16.21	-0.70	15.51	/	Pass
			18	16.12	-0.70	15.42	/	Pass
			39	16.10	-0.70	15.40	/	Pass
		75	0	16.07	-0.70	15.37	/	Pass
	3625	1	0	16.67	-0.70	15.97	/	Pass
			38	16.78	-0.70	16.08	/	Pass

			74	16.81	-0.70	16.11	/	Pass
		36	0	16.67	-0.70	15.97	/	Pass
			18	16.73	-0.70	16.03	/	Pass
			39	16.67	-0.70	15.97	/	Pass
		75	0	16.77	-0.70	16.07	/	Pass
	3692.5	1	0	16.92	-0.70	16.22	/	Pass
			38	16.82	-0.70	16.12	/	Pass
			74	17.10	-0.70	16.40	/	Pass
		36	0	17.21	-0.70	16.51	/	Pass
			18	17.17	-0.70	16.47	/	Pass
			39	17.16	-0.70	16.46	/	Pass
		75	0	17.23	-0.70	16.53	/	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.6 B48_15MHz_EIRP/10MHz

Band: 48 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm/10MHz)	Gain (dBi)	EIRP/10MHz (dBm/10MHz)		Verdict
		Size	Offset			Result	Limit	
QPSK	3557.5	1	0	21.70	-0.70	21.00	<=23	Pass
			38	21.59	-0.70	20.89	<=23	Pass
			74	21.67	-0.70	20.97	<=23	Pass
		36	0	19.96	-0.70	19.26	<=23	Pass
			18	19.74	-0.70	19.04	<=23	Pass
			39	19.45	-0.70	18.75	<=23	Pass
		75	0	18.23	-0.70	17.53	<=23	Pass
	3625	1	0	21.09	-0.70	20.39	<=23	Pass
			38	21.95	-0.70	21.25	<=23	Pass
			74	21.29	-0.70	20.59	<=23	Pass
		36	0	19.77	-0.70	19.07	<=23	Pass
			18	20.63	-0.70	19.93	<=23	Pass
			39	20.74	-0.70	20.04	<=23	Pass
		75	0	19.05	-0.70	18.35	<=23	Pass
	3692.5	1	0	21.19	-0.70	20.49	<=23	Pass
			38	20.43	-0.70	19.73	<=23	Pass
			74	20.70	-0.70	20.00	<=23	Pass
		36	0	20.78	-0.70	20.08	<=23	Pass
			18	19.52	-0.70	18.82	<=23	Pass
			39	19.78	-0.70	19.08	<=23	Pass
		75	0	18.98	-0.70	18.28	<=23	Pass
16QAM	3557.5	1	0	19.40	-0.70	18.70	<=23	Pass
			38	19.43	-0.70	18.73	<=23	Pass
			74	19.60	-0.70	18.90	<=23	Pass
		36	0	19.18	-0.70	18.48	<=23	Pass
			18	19.07	-0.70	18.37	<=23	Pass
			39	19.13	-0.70	18.43	<=23	Pass
		75	0	18.00	-0.70	17.30	<=23	Pass
	3625	1	0	19.85	-0.70	19.15	<=23	Pass
			38	20.47	-0.70	19.77	<=23	Pass
			74	20.72	-0.70	20.02	<=23	Pass
		36	0	19.34	-0.70	18.64	<=23	Pass
			18	18.99	-0.70	18.29	<=23	Pass
			39	19.84	-0.70	19.14	<=23	Pass
		75	0	19.68	-0.70	18.98	<=23	Pass
	3692.5	1	0	20.16	-0.70	19.46	<=23	Pass

			38	20.39	-0.70	19.69	<=23	Pass
			74	19.70	-0.70	19.00	<=23	Pass
		36	0	19.35	-0.70	18.65	<=23	Pass
			18	19.47	-0.70	18.77	<=23	Pass
			39	19.01	-0.70	18.31	<=23	Pass
		75	0	18.10	-0.70	17.40	<=23	Pass
64QAM	3557.5	1	0	19.24	-0.70	18.54	<=23	Pass
			38	19.17	-0.70	18.47	<=23	Pass
			74	19.35	-0.70	18.65	<=23	Pass
		36	0	18.47	-0.70	17.77	<=23	Pass
			18	18.46	-0.70	17.76	<=23	Pass
			39	18.13	-0.70	17.43	<=23	Pass
		75	0	17.05	-0.70	16.35	<=23	Pass
	3625	1	0	20.03	-0.70	19.33	<=23	Pass
			38	20.46	-0.70	19.76	<=23	Pass
			74	20.19	-0.70	19.49	<=23	Pass
		36	0	19.65	-0.70	18.95	<=23	Pass
			18	18.87	-0.70	18.17	<=23	Pass
			39	19.32	-0.70	18.62	<=23	Pass
		75	0	18.03	-0.70	17.33	<=23	Pass
	3692.5	1	0	19.71	-0.70	19.01	<=23	Pass
			38	19.95	-0.70	19.25	<=23	Pass
			74	18.94	-0.70	18.24	<=23	Pass
		36	0	18.95	-0.70	18.25	<=23	Pass
			18	19.05	-0.70	18.35	<=23	Pass
			39	18.70	-0.70	18.00	<=23	Pass
		75	0	17.31	-0.70	16.61	<=23	Pass
256QAM	3557.5	1	0	16.96	-0.70	16.26	<=23	Pass
			38	16.60	-0.70	15.90	<=23	Pass
			74	16.33	-0.70	15.63	<=23	Pass
		36	0	16.71	-0.70	16.01	<=23	Pass
			18	16.49	-0.70	15.79	<=23	Pass
			39	16.58	-0.70	15.88	<=23	Pass
		75	0	15.56	-0.70	14.86	<=23	Pass
	3625	1	0	17.68	-0.70	16.98	<=23	Pass
			38	18.19	-0.70	17.49	<=23	Pass
			74	18.08	-0.70	17.38	<=23	Pass
		36	0	17.05	-0.70	16.35	<=23	Pass
			18	15.77	-0.70	15.07	<=23	Pass
			39	17.44	-0.70	16.74	<=23	Pass
		75	0	16.74	-0.70	16.04	<=23	Pass
	3692.5	1	0	17.25	-0.70	16.55	<=23	Pass
			38	16.67	-0.70	15.97	<=23	Pass
			74	17.28	-0.70	16.58	<=23	Pass
		36	0	17.09	-0.70	16.39	<=23	Pass
			18	17.57	-0.70	16.87	<=23	Pass
			39	17.32	-0.70	16.62	<=23	Pass
		75	0	15.67	-0.70	14.97	<=23	Pass
Note1: EIRP/10MHz=Conducted Power+Antenna Gain-2.15								

1.1.7 B48_20MHz_EIRP

Band: 48 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	

QPSK	3560	1	0	21.21	-0.70	20.51	/	Pass
			50	21.18	-0.70	20.48	/	Pass
			99	21.21	-0.70	20.51	/	Pass
		50	0	20.28	-0.70	19.58	/	Pass
			25	20.26	-0.70	19.56	/	Pass
			50	20.32	-0.70	19.62	/	Pass
		100	0	20.34	-0.70	19.64	/	Pass
	3625	1	0	20.16	-0.70	19.46	/	Pass
			50	20.48	-0.70	19.78	/	Pass
			99	20.44	-0.70	19.74	/	Pass
		50	0	19.70	-0.70	19.00	/	Pass
			25	19.88	-0.70	19.18	/	Pass
			50	19.95	-0.70	19.25	/	Pass
		100	0	19.91	-0.70	19.21	/	Pass
	3690	1	0	22.05	-0.70	21.35	/	Pass
			50	22.19	-0.70	21.49	/	Pass
			99	20.84	-0.70	20.14	/	Pass
		50	0	20.35	-0.70	19.65	/	Pass
			25	20.36	-0.70	19.66	/	Pass
			50	20.29	-0.70	19.59	/	Pass
		100	0	20.34	-0.70	19.64	/	Pass
16QAM	3560	1	0	20.18	-0.70	19.48	/	Pass
			50	19.98	-0.70	19.28	/	Pass
			99	20.09	-0.70	19.39	/	Pass
		50	0	19.26	-0.70	18.56	/	Pass
			25	19.30	-0.70	18.60	/	Pass
			50	19.34	-0.70	18.64	/	Pass
		100	0	19.29	-0.70	18.59	/	Pass
	3625	1	0	19.60	-0.70	18.90	/	Pass
			50	19.73	-0.70	19.03	/	Pass
			99	19.72	-0.70	19.02	/	Pass
		50	0	19.21	-0.70	18.51	/	Pass
			25	19.14	-0.70	18.44	/	Pass
			50	19.39	-0.70	18.69	/	Pass
		100	0	19.24	-0.70	18.54	/	Pass
	3690	1	0	20.22	-0.70	19.52	/	Pass
			50	20.26	-0.70	19.56	/	Pass
			99	20.19	-0.70	19.49	/	Pass
		50	0	19.76	-0.70	19.06	/	Pass
			25	19.76	-0.70	19.06	/	Pass
			50	19.74	-0.70	19.04	/	Pass
		100	0	19.74	-0.70	19.04	/	Pass
64QAM	3560	1	0	19.19	-0.70	18.49	/	Pass
			50	19.15	-0.70	18.45	/	Pass
			99	19.16	-0.70	18.46	/	Pass
		50	0	18.27	-0.70	17.57	/	Pass
			25	18.30	-0.70	17.60	/	Pass
			50	18.32	-0.70	17.62	/	Pass
		100	0	18.31	-0.70	17.61	/	Pass
	3625	1	0	19.12	-0.70	18.42	/	Pass
			50	19.16	-0.70	18.46	/	Pass
			99	19.42	-0.70	18.72	/	Pass
		50	0	18.68	-0.70	17.98	/	Pass
			25	18.67	-0.70	17.97	/	Pass
			50	18.68	-0.70	17.98	/	Pass
		100	0	18.76	-0.70	18.06	/	Pass
	3690	1	0	20.95	-0.70	20.25	/	Pass

			50	20.97	-0.70	20.27	/	Pass
			99	21.03	-0.70	20.33	/	Pass
		50	0	20.19	-0.70	19.49	/	Pass
			25	20.26	-0.70	19.56	/	Pass
			50	20.19	-0.70	19.49	/	Pass
		100	0	20.17	-0.70	19.47	/	Pass
256QAM	3560	1	0	16.10	-0.70	15.40	/	Pass
			50	15.96	-0.70	15.26	/	Pass
			99	16.09	-0.70	15.39	/	Pass
		50	0	16.32	-0.70	15.62	/	Pass
			25	16.29	-0.70	15.59	/	Pass
			50	16.33	-0.70	15.63	/	Pass
		100	0	16.33	-0.70	15.63	/	Pass
	3625	1	0	16.58	-0.70	15.88	/	Pass
			50	16.61	-0.70	15.91	/	Pass
			99	16.80	-0.70	16.10	/	Pass
		50	0	16.74	-0.70	16.04	/	Pass
			25	16.82	-0.70	16.12	/	Pass
			50	16.81	-0.70	16.11	/	Pass
		100	0	16.68	-0.70	15.98	/	Pass
	3690	1	0	16.96	-0.70	16.26	/	Pass
			50	17.09	-0.70	16.39	/	Pass
			99	17.08	-0.70	16.38	/	Pass
		50	0	17.18	-0.70	16.48	/	Pass
			25	17.26	-0.70	16.56	/	Pass
			50	17.18	-0.70	16.48	/	Pass
		100	0	17.22	-0.70	16.52	/	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.8 B48_20MHz_EIRP/10MHz

Band: 48 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm/10MHz)	Gain (dBi)	EIRP/10MHz (dBm/10MHz)		Verdict
		Size	Offset			Result	Limit	
QPSK	3560	1	0	21.11	-0.70	20.41	<=23	Pass
			50	21.17	-0.70	20.47	<=23	Pass
			99	21.72	-0.70	21.02	<=23	Pass
		50	0	20.60	-0.70	19.90	<=23	Pass
			25	20.61	-0.70	19.91	<=23	Pass
			50	20.57	-0.70	19.87	<=23	Pass
		100	0	18.35	-0.70	17.65	<=23	Pass
	3625	1	0	21.15	-0.70	20.45	<=23	Pass
			50	20.26	-0.70	19.56	<=23	Pass
			99	21.15	-0.70	20.45	<=23	Pass
		50	0	19.44	-0.70	18.74	<=23	Pass
			25	19.32	-0.70	18.62	<=23	Pass
			50	19.40	-0.70	18.70	<=23	Pass
		100	0	17.22	-0.70	16.52	<=23	Pass
	3690	1	0	19.99	-0.70	19.29	<=23	Pass
			50	19.27	-0.70	18.57	<=23	Pass
			99	19.07	-0.70	18.37	<=23	Pass
		50	0	18.87	-0.70	18.17	<=23	Pass
			25	17.97	-0.70	17.27	<=23	Pass
			50	19.24	-0.70	18.54	<=23	Pass
		100	0	15.89	-0.70	15.19	<=23	Pass

16QAM	3560	1	0	20.72	-0.70	20.02	<=23	Pass
			50	20.67	-0.70	19.97	<=23	Pass
			99	20.41	-0.70	19.71	<=23	Pass
		50	0	19.56	-0.70	18.86	<=23	Pass
			25	19.68	-0.70	18.98	<=23	Pass
			50	19.56	-0.70	18.86	<=23	Pass
		100	0	17.16	-0.70	16.46	<=23	Pass
	3625	1	0	20.32	-0.70	19.62	<=23	Pass
			50	19.88	-0.70	19.18	<=23	Pass
			99	20.09	-0.70	19.39	<=23	Pass
		50	0	18.69	-0.70	17.99	<=23	Pass
			25	18.49	-0.70	17.79	<=23	Pass
			50	18.64	-0.70	17.94	<=23	Pass
		100	0	16.71	-0.70	16.01	<=23	Pass
	3690	1	0	19.04	-0.70	18.34	<=23	Pass
			50	18.36	-0.70	17.66	<=23	Pass
			99	18.30	-0.70	17.60	<=23	Pass
		50	0	18.71	-0.70	18.01	<=23	Pass
			25	16.87	-0.70	16.17	<=23	Pass
			50	18.61	-0.70	17.91	<=23	Pass
		100	0	15.35	-0.70	14.65	<=23	Pass
64QAM	3560	1	0	19.92	-0.70	19.22	<=23	Pass
			50	19.28	-0.70	18.58	<=23	Pass
			99	19.09	-0.70	18.39	<=23	Pass
		50	0	18.56	-0.70	17.86	<=23	Pass
			25	18.75	-0.70	18.05	<=23	Pass
			50	18.39	-0.70	17.69	<=23	Pass
		100	0	16.04	-0.70	15.34	<=23	Pass
	3625	1	0	19.08	-0.70	18.38	<=23	Pass
			50	17.43	-0.70	16.73	<=23	Pass
			99	19.07	-0.70	18.37	<=23	Pass
		50	0	18.61	-0.70	17.91	<=23	Pass
			25	18.85	-0.70	18.15	<=23	Pass
			50	19.22	-0.70	18.52	<=23	Pass
		100	0	16.21	-0.70	15.51	<=23	Pass
	3690	1	0	20.00	-0.70	19.30	<=23	Pass
			50	19.26	-0.70	18.56	<=23	Pass
			99	19.96	-0.70	19.26	<=23	Pass
		50	0	18.78	-0.70	18.08	<=23	Pass
			25	18.01	-0.70	17.31	<=23	Pass
			50	18.85	-0.70	18.15	<=23	Pass
		100	0	17.08	-0.70	16.38	<=23	Pass
256QAM	3560	1	0	16.48	-0.70	15.78	<=23	Pass
			50	16.79	-0.70	16.09	<=23	Pass
			99	16.28	-0.70	15.58	<=23	Pass
		50	0	16.49	-0.70	15.79	<=23	Pass
			25	16.58	-0.70	15.88	<=23	Pass
			50	16.58	-0.70	15.88	<=23	Pass
		100	0	14.28	-0.70	13.58	<=23	Pass
	3625	1	0	16.30	-0.70	15.60	<=23	Pass
			50	16.73	-0.70	16.03	<=23	Pass
			99	15.81	-0.70	15.11	<=23	Pass
		50	0	16.78	-0.70	16.08	<=23	Pass
			25	16.58	-0.70	15.88	<=23	Pass
			50	17.73	-0.70	17.03	<=23	Pass
		100	0	13.95	-0.70	13.25	<=23	Pass
	3690	1	0	16.64	-0.70	15.94	<=23	Pass

			50	16.13	-0.70	15.43	<=23	Pass
			99	16.23	-0.70	15.53	<=23	Pass
		50	0	15.89	-0.70	15.19	<=23	Pass
			25	15.66	-0.70	14.96	<=23	Pass
			50	15.91	-0.70	15.21	<=23	Pass
		100	0	12.75	-0.70	12.05	<=23	Pass
Note1: EIRP/10MHz=Conducted Power+Antenna Gain-2.15								

2. Frequency Stability

2.1 Test Result

2.1.1 B48_5MHz

Band: 48 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	3552.5	25	0	20	3.65	-4.200	-0.0012	-2.5 to 2.5	Pass
					3.87	2.600	0.0007	-2.5 to 2.5	Pass
					4.45	-3.000	-0.0008	-2.5 to 2.5	Pass
				-30	3.87	0.100	0.0000	-2.5 to 2.5	Pass
				-20	3.87	-0.800	-0.0002	-2.5 to 2.5	Pass
				-10	3.87	4.200	0.0012	-2.5 to 2.5	Pass
				0	3.87	0.000	0.0000	-2.5 to 2.5	Pass
				10	3.87	3.900	0.0011	-2.5 to 2.5	Pass
				30	3.87	1.800	0.0005	-2.5 to 2.5	Pass
				40	3.87	-2.300	-0.0006	-2.5 to 2.5	Pass
				50	3.87	-1.600	-0.0005	-2.5 to 2.5	Pass
	3625	25	0	20	3.65	1.800	0.0005	-2.5 to 2.5	Pass
					3.87	3.600	0.0010	-2.5 to 2.5	Pass
					4.45	0.700	0.0002	-2.5 to 2.5	Pass
				-30	3.87	-0.700	-0.0002	-2.5 to 2.5	Pass
				-20	3.87	1.200	0.0003	-2.5 to 2.5	Pass
				-10	3.87	0.700	0.0002	-2.5 to 2.5	Pass
				0	3.87	2.400	0.0007	-2.5 to 2.5	Pass
				10	3.87	4.000	0.0011	-2.5 to 2.5	Pass
				30	3.87	5.900	0.0016	-2.5 to 2.5	Pass
				40	3.87	5.100	0.0014	-2.5 to 2.5	Pass
				50	3.87	-0.800	-0.0002	-2.5 to 2.5	Pass
	3697.5	25	0	20	3.65	-4.100	-0.0011	-2.5 to 2.5	Pass
					3.87	-0.900	-0.0002	-2.5 to 2.5	Pass
					4.45	-3.300	-0.0009	-2.5 to 2.5	Pass
				-30	3.87	-1.100	-0.0003	-2.5 to 2.5	Pass
				-20	3.87	0.800	0.0002	-2.5 to 2.5	Pass
				-10	3.87	-1.900	-0.0005	-2.5 to 2.5	Pass
				0	3.87	-1.300	-0.0004	-2.5 to 2.5	Pass
				10	3.87	1.200	0.0003	-2.5 to 2.5	Pass
				30	3.87	3.400	0.0009	-2.5 to 2.5	Pass
				40	3.87	-3.300	-0.0009	-2.5 to 2.5	Pass
				50	3.87	-1.000	-0.0003	-2.5 to 2.5	Pass
16QAM	3552.5	25	0	20	3.65	0.500	0.0001	-2.5 to 2.5	Pass
					3.87	-1.500	-0.0004	-2.5 to 2.5	Pass
					4.45	1.100	0.0003	-2.5 to 2.5	Pass
				-30	3.87	3.100	0.0009	-2.5 to 2.5	Pass
				-20	3.87	-1.600	-0.0005	-2.5 to 2.5	Pass
				-10	3.87	4.200	0.0012	-2.5 to 2.5	Pass
				0	3.87	-2.100	-0.0006	-2.5 to 2.5	Pass
				10	3.87	0.400	0.0001	-2.5 to 2.5	Pass
				30	3.87	-4.300	-0.0012	-2.5 to 2.5	Pass
				40	3.87	-0.800	-0.0002	-2.5 to 2.5	Pass
				50	3.87	-3.400	-0.0010	-2.5 to 2.5	Pass
	3625	25	0	20	3.65	-0.900	-0.0002	-2.5 to 2.5	Pass
					3.87	1.000	0.0003	-2.5 to 2.5	Pass

					4.45	1.800	0.0005	-2.5 to 2.5	Pass
				-30	3.87	-0.500	-0.0001	-2.5 to 2.5	Pass
				-20	3.87	3.300	0.0009	-2.5 to 2.5	Pass
				-10	3.87	-2.800	-0.0008	-2.5 to 2.5	Pass
				0	3.87	1.200	0.0003	-2.5 to 2.5	Pass
				10	3.87	1.800	0.0005	-2.5 to 2.5	Pass
				30	3.87	3.200	0.0009	-2.5 to 2.5	Pass
				40	3.87	1.700	0.0005	-2.5 to 2.5	Pass
				50	3.87	2.100	0.0006	-2.5 to 2.5	Pass
	3697.5	25	0	20	3.65	-0.600	-0.0002	-2.5 to 2.5	Pass
					3.87	1.100	0.0003	-2.5 to 2.5	Pass
					4.45	-2.300	-0.0006	-2.5 to 2.5	Pass
				-30	3.87	-1.400	-0.0004	-2.5 to 2.5	Pass
				-20	3.87	-1.700	-0.0005	-2.5 to 2.5	Pass
				-10	3.87	2.900	0.0008	-2.5 to 2.5	Pass
				0	3.87	0.900	0.0002	-2.5 to 2.5	Pass
				10	3.87	-2.100	-0.0006	-2.5 to 2.5	Pass
				30	3.87	0.300	0.0001	-2.5 to 2.5	Pass
				40	3.87	-0.100	0.0000	-2.5 to 2.5	Pass
				50	3.87	5.600	0.0015	-2.5 to 2.5	Pass
64QAM	3552.5	25	0	20	3.65	-54.600	-0.0154	-2.5 to 2.5	Pass
					3.87	3.300	0.0009	-2.5 to 2.5	Pass
					4.45	1.400	0.0004	-2.5 to 2.5	Pass
				-30	3.87	0.700	0.0002	-2.5 to 2.5	Pass
				-20	3.87	-0.300	-0.0001	-2.5 to 2.5	Pass
				-10	3.87	-3.100	-0.0009	-2.5 to 2.5	Pass
				0	3.87	-0.300	-0.0001	-2.5 to 2.5	Pass
				10	3.87	2.400	0.0007	-2.5 to 2.5	Pass
				30	3.87	-0.200	-0.0001	-2.5 to 2.5	Pass
				40	3.87	-2.100	-0.0006	-2.5 to 2.5	Pass
				50	3.87	-1.400	-0.0004	-2.5 to 2.5	Pass
	3625	25	0	20	3.65	-0.700	-0.0002	-2.5 to 2.5	Pass
					3.87	0.600	0.0002	-2.5 to 2.5	Pass
					4.45	0.000	0.0000	-2.5 to 2.5	Pass
				-30	3.87	1.800	0.0005	-2.5 to 2.5	Pass
				-20	3.87	-0.200	-0.0001	-2.5 to 2.5	Pass
				-10	3.87	2.500	0.0007	-2.5 to 2.5	Pass
				0	3.87	2.400	0.0007	-2.5 to 2.5	Pass
				10	3.87	1.100	0.0003	-2.5 to 2.5	Pass
				30	3.87	-0.700	-0.0002	-2.5 to 2.5	Pass
				40	3.87	0.900	0.0002	-2.5 to 2.5	Pass
				50	3.87	2.100	0.0006	-2.5 to 2.5	Pass
	3697.5	25	0	20	3.65	5.300	0.0014	-2.5 to 2.5	Pass
					3.87	-3.300	-0.0009	-2.5 to 2.5	Pass
					4.45	-0.900	-0.0002	-2.5 to 2.5	Pass
				-30	3.87	0.100	0.0000	-2.5 to 2.5	Pass
				-20	3.87	0.200	0.0001	-2.5 to 2.5	Pass
				-10	3.87	0.800	0.0002	-2.5 to 2.5	Pass
				0	3.87	1.000	0.0003	-2.5 to 2.5	Pass
				10	3.87	0.200	0.0001	-2.5 to 2.5	Pass
				30	3.87	0.100	0.0000	-2.5 to 2.5	Pass
				40	3.87	-3.200	-0.0009	-2.5 to 2.5	Pass
				50	3.87	-0.400	-0.0001	-2.5 to 2.5	Pass
256QAM	3552.5	25	0	20	3.65	-3.100	-0.0009	-2.5 to 2.5	Pass
					3.87	-0.100	0.0000	-2.5 to 2.5	Pass
					4.45	5.500	0.0015	-2.5 to 2.5	Pass
				-30	3.87	0.500	0.0001	-2.5 to 2.5	Pass

				-20	3.87	2.800	0.0008	-2.5 to 2.5	Pass
				-10	3.87	1.400	0.0004	-2.5 to 2.5	Pass
				0	3.87	-2.400	-0.0007	-2.5 to 2.5	Pass
				10	3.87	2.400	0.0007	-2.5 to 2.5	Pass
				30	3.87	1.200	0.0003	-2.5 to 2.5	Pass
				40	3.87	1.900	0.0005	-2.5 to 2.5	Pass
				50	3.87	0.100	0.0000	-2.5 to 2.5	Pass
	3625	25	0	20	3.65	0.900	0.0002	-2.5 to 2.5	Pass
					3.87	3.100	0.0009	-2.5 to 2.5	Pass
					4.45	3.500	0.0010	-2.5 to 2.5	Pass
				-30	3.87	1.000	0.0003	-2.5 to 2.5	Pass
				-20	3.87	2.100	0.0006	-2.5 to 2.5	Pass
				-10	3.87	-0.100	0.0000	-2.5 to 2.5	Pass
				0	3.87	-0.800	-0.0002	-2.5 to 2.5	Pass
				10	3.87	-0.100	0.0000	-2.5 to 2.5	Pass
				30	3.87	1.300	0.0004	-2.5 to 2.5	Pass
				40	3.87	-0.600	-0.0002	-2.5 to 2.5	Pass
				50	3.87	1.400	0.0004	-2.5 to 2.5	Pass
	3697.5	25	0	20	3.65	-1.300	-0.0004	-2.5 to 2.5	Pass
					3.87	-1.800	-0.0005	-2.5 to 2.5	Pass
					4.45	-2.600	-0.0007	-2.5 to 2.5	Pass
				-30	3.87	-3.500	-0.0009	-2.5 to 2.5	Pass
				-20	3.87	-1.500	-0.0004	-2.5 to 2.5	Pass
				-10	3.87	-1.900	-0.0005	-2.5 to 2.5	Pass
				0	3.87	-4.800	-0.0013	-2.5 to 2.5	Pass
				10	3.87	-2.500	-0.0007	-2.5 to 2.5	Pass
				30	3.87	-1.200	-0.0003	-2.5 to 2.5	Pass
				40	3.87	-0.900	-0.0002	-2.5 to 2.5	Pass
				50	3.87	-1.900	-0.0005	-2.5 to 2.5	Pass

2.1.2 B48_10MHz

Band: 48 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	3555	50	0	20	3.65	-1.200	-0.0003	-2.5 to 2.5	Pass
					3.87	0.200	0.0001	-2.5 to 2.5	Pass
					4.45	1.100	0.0003	-2.5 to 2.5	Pass
				-30	3.87	-1.000	-0.0003	-2.5 to 2.5	Pass
				-20	3.87	2.200	0.0006	-2.5 to 2.5	Pass
				-10	3.87	-1.800	-0.0005	-2.5 to 2.5	Pass
				0	3.87	-0.200	-0.0001	-2.5 to 2.5	Pass
				10	3.87	1.700	0.0005	-2.5 to 2.5	Pass
				30	3.87	1.600	0.0005	-2.5 to 2.5	Pass
				40	3.87	-0.600	-0.0002	-2.5 to 2.5	Pass
				50	3.87	-2.200	-0.0006	-2.5 to 2.5	Pass
	3625	50	0	20	3.65	0.300	0.0001	-2.5 to 2.5	Pass
					3.87	-0.300	-0.0001	-2.5 to 2.5	Pass
					4.45	-4.400	-0.0012	-2.5 to 2.5	Pass
				-30	3.87	0.700	0.0002	-2.5 to 2.5	Pass
				-20	3.87	-2.700	-0.0007	-2.5 to 2.5	Pass
				-10	3.87	-5.000	-0.0014	-2.5 to 2.5	Pass
				0	3.87	-2.800	-0.0008	-2.5 to 2.5	Pass
				10	3.87	-2.800	-0.0008	-2.5 to 2.5	Pass
				30	3.87	-0.100	0.0000	-2.5 to 2.5	Pass

				40	3.87	-1.300	-0.0004	-2.5 to 2.5	Pass
				50	3.87	-4.800	-0.0013	-2.5 to 2.5	Pass
	3695	50	0	20	3.65	-1.100	-0.0003	-2.5 to 2.5	Pass
					3.87	-0.700	-0.0002	-2.5 to 2.5	Pass
					4.45	-3.200	-0.0009	-2.5 to 2.5	Pass
				-30	3.87	-1.900	-0.0005	-2.5 to 2.5	Pass
				-20	3.87	-0.900	-0.0002	-2.5 to 2.5	Pass
				-10	3.87	-2.900	-0.0008	-2.5 to 2.5	Pass
				0	3.87	2.200	0.0006	-2.5 to 2.5	Pass
				10	3.87	-2.400	-0.0006	-2.5 to 2.5	Pass
				30	3.87	-0.100	0.0000	-2.5 to 2.5	Pass
				40	3.87	-2.600	-0.0007	-2.5 to 2.5	Pass
				50	3.87	-1.600	-0.0004	-2.5 to 2.5	Pass
16QAM	3555	50	0	20	3.65	-3.100	-0.0009	-2.5 to 2.5	Pass
					3.87	1.700	0.0005	-2.5 to 2.5	Pass
					4.45	0.900	0.0003	-2.5 to 2.5	Pass
				-30	3.87	2.000	0.0006	-2.5 to 2.5	Pass
				-20	3.87	3.700	0.0010	-2.5 to 2.5	Pass
				-10	3.87	-2.700	-0.0008	-2.5 to 2.5	Pass
				0	3.87	-0.800	-0.0002	-2.5 to 2.5	Pass
				10	3.87	3.000	0.0008	-2.5 to 2.5	Pass
				30	3.87	-2.800	-0.0008	-2.5 to 2.5	Pass
				40	3.87	1.800	0.0005	-2.5 to 2.5	Pass
				50	3.87	1.300	0.0004	-2.5 to 2.5	Pass
	3625	50	0	20	3.65	-1.200	-0.0003	-2.5 to 2.5	Pass
					3.87	-4.500	-0.0012	-2.5 to 2.5	Pass
					4.45	-3.400	-0.0009	-2.5 to 2.5	Pass
				-30	3.87	-2.100	-0.0006	-2.5 to 2.5	Pass
				-20	3.87	-2.700	-0.0007	-2.5 to 2.5	Pass
				-10	3.87	-3.900	-0.0011	-2.5 to 2.5	Pass
				0	3.87	-2.700	-0.0007	-2.5 to 2.5	Pass
				10	3.87	-1.000	-0.0003	-2.5 to 2.5	Pass
				30	3.87	-5.400	-0.0015	-2.5 to 2.5	Pass
				40	3.87	-6.100	-0.0017	-2.5 to 2.5	Pass
				50	3.87	-3.400	-0.0009	-2.5 to 2.5	Pass
	3695	50	0	20	3.65	0.400	0.0001	-2.5 to 2.5	Pass
					3.87	-0.300	-0.0001	-2.5 to 2.5	Pass
					4.45	-5.400	-0.0015	-2.5 to 2.5	Pass
				-30	3.87	-4.400	-0.0012	-2.5 to 2.5	Pass
				-20	3.87	-1.400	-0.0004	-2.5 to 2.5	Pass
				-10	3.87	0.600	0.0002	-2.5 to 2.5	Pass
				0	3.87	-0.600	-0.0002	-2.5 to 2.5	Pass
				10	3.87	-2.500	-0.0007	-2.5 to 2.5	Pass
				30	3.87	-1.800	-0.0005	-2.5 to 2.5	Pass
				40	3.87	-1.000	-0.0003	-2.5 to 2.5	Pass
				50	3.87	-1.200	-0.0003	-2.5 to 2.5	Pass
64QAM	3555	50	0	20	3.65	0.000	0.0000	-2.5 to 2.5	Pass
					3.87	0.100	0.0000	-2.5 to 2.5	Pass
					4.45	0.900	0.0003	-2.5 to 2.5	Pass
				-30	3.87	-0.900	-0.0003	-2.5 to 2.5	Pass
				-20	3.87	-0.700	-0.0002	-2.5 to 2.5	Pass
				-10	3.87	-2.200	-0.0006	-2.5 to 2.5	Pass
				0	3.87	0.900	0.0003	-2.5 to 2.5	Pass
				10	3.87	-0.200	-0.0001	-2.5 to 2.5	Pass
				30	3.87	-2.400	-0.0007	-2.5 to 2.5	Pass
				40	3.87	2.500	0.0007	-2.5 to 2.5	Pass
				50	3.87	0.700	0.0002	-2.5 to 2.5	Pass

	3625	50	0	20	3.65	19.000	0.0052	-2.5 to 2.5	Pass
					3.87	-7.800	-0.0022	-2.5 to 2.5	Pass
					4.45	14.600	0.0040	-2.5 to 2.5	Pass
				-30	3.87	-7.200	-0.0020	-2.5 to 2.5	Pass
				-20	3.87	-7.300	-0.0020	-2.5 to 2.5	Pass
				-10	3.87	-0.400	-0.0001	-2.5 to 2.5	Pass
				0	3.87	-5.900	-0.0016	-2.5 to 2.5	Pass
				10	3.87	-8.100	-0.0022	-2.5 to 2.5	Pass
				30	3.87	7.300	0.0020	-2.5 to 2.5	Pass
				40	3.87	-8.200	-0.0023	-2.5 to 2.5	Pass
				50	3.87	-23.300	-0.0064	-2.5 to 2.5	Pass
	3695	50	0	20	3.65	-1.000	-0.0003	-2.5 to 2.5	Pass
					3.87	3.200	0.0009	-2.5 to 2.5	Pass
					4.45	-1.000	-0.0003	-2.5 to 2.5	Pass
				-30	3.87	-2.400	-0.0006	-2.5 to 2.5	Pass
				-20	3.87	-2.200	-0.0006	-2.5 to 2.5	Pass
				-10	3.87	-3.300	-0.0009	-2.5 to 2.5	Pass
				0	3.87	-0.900	-0.0002	-2.5 to 2.5	Pass
				10	3.87	-5.300	-0.0014	-2.5 to 2.5	Pass
				30	3.87	-3.300	-0.0009	-2.5 to 2.5	Pass
				40	3.87	0.500	0.0001	-2.5 to 2.5	Pass
				50	3.87	-4.300	-0.0012	-2.5 to 2.5	Pass
256QAM	3555	50	0	20	3.65	2.100	0.0006	-2.5 to 2.5	Pass
					3.87	-1.500	-0.0004	-2.5 to 2.5	Pass
					4.45	0.700	0.0002	-2.5 to 2.5	Pass
				-30	3.87	-0.800	-0.0002	-2.5 to 2.5	Pass
				-20	3.87	-0.100	0.0000	-2.5 to 2.5	Pass
				-10	3.87	2.200	0.0006	-2.5 to 2.5	Pass
				0	3.87	1.200	0.0003	-2.5 to 2.5	Pass
				10	3.87	0.300	0.0001	-2.5 to 2.5	Pass
				30	3.87	-1.900	-0.0005	-2.5 to 2.5	Pass
				40	3.87	0.100	0.0000	-2.5 to 2.5	Pass
				50	3.87	3.000	0.0008	-2.5 to 2.5	Pass
	3625	50	0	20	3.65	-5.400	-0.0015	-2.5 to 2.5	Pass
					3.87	-4.200	-0.0012	-2.5 to 2.5	Pass
					4.45	-4.500	-0.0012	-2.5 to 2.5	Pass
				-30	3.87	-3.100	-0.0009	-2.5 to 2.5	Pass
				-20	3.87	-1.200	-0.0003	-2.5 to 2.5	Pass
				-10	3.87	-4.000	-0.0011	-2.5 to 2.5	Pass
				0	3.87	-3.200	-0.0009	-2.5 to 2.5	Pass
				10	3.87	-1.500	-0.0004	-2.5 to 2.5	Pass
				30	3.87	-2.800	-0.0008	-2.5 to 2.5	Pass
				40	3.87	-4.500	-0.0012	-2.5 to 2.5	Pass
				50	3.87	-4.700	-0.0013	-2.5 to 2.5	Pass
	3695	50	0	20	3.65	1.300	0.0004	-2.5 to 2.5	Pass
					3.87	0.100	0.0000	-2.5 to 2.5	Pass
					4.45	-2.500	-0.0007	-2.5 to 2.5	Pass
				-30	3.87	0.600	0.0002	-2.5 to 2.5	Pass
				-20	3.87	-1.600	-0.0004	-2.5 to 2.5	Pass
				-10	3.87	0.300	0.0001	-2.5 to 2.5	Pass
				0	3.87	-2.200	-0.0006	-2.5 to 2.5	Pass
				10	3.87	-1.000	-0.0003	-2.5 to 2.5	Pass
				30	3.87	-1.500	-0.0004	-2.5 to 2.5	Pass
				40	3.87	1.300	0.0004	-2.5 to 2.5	Pass
				50	3.87	-2.200	-0.0006	-2.5 to 2.5	Pass

2.1.3 B48_15MHz

Band: 48 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	3557.5	75	0	20	3.65	2.200	0.0006	-2.5 to 2.5	Pass
					3.87	-0.700	-0.0002	-2.5 to 2.5	Pass
					4.45	-0.900	-0.0003	-2.5 to 2.5	Pass
				-30	3.87	-2.000	-0.0006	-2.5 to 2.5	Pass
				-20	3.87	-0.900	-0.0003	-2.5 to 2.5	Pass
				-10	3.87	-2.700	-0.0008	-2.5 to 2.5	Pass
				0	3.87	0.900	0.0003	-2.5 to 2.5	Pass
				10	3.87	-3.000	-0.0008	-2.5 to 2.5	Pass
				30	3.87	-2.400	-0.0007	-2.5 to 2.5	Pass
				40	3.87	-0.900	-0.0003	-2.5 to 2.5	Pass
				50	3.87	-2.600	-0.0007	-2.5 to 2.5	Pass
	3625	75	0	20	3.65	6.500	0.0018	-2.5 to 2.5	Pass
					3.87	-1.800	-0.0005	-2.5 to 2.5	Pass
					4.45	-1.000	-0.0003	-2.5 to 2.5	Pass
				-30	3.87	-2.700	-0.0007	-2.5 to 2.5	Pass
				-20	3.87	-3.800	-0.0010	-2.5 to 2.5	Pass
				-10	3.87	-1.500	-0.0004	-2.5 to 2.5	Pass
				0	3.87	-1.900	-0.0005	-2.5 to 2.5	Pass
				10	3.87	-4.100	-0.0011	-2.5 to 2.5	Pass
				30	3.87	-1.100	-0.0003	-2.5 to 2.5	Pass
				40	3.87	-4.000	-0.0011	-2.5 to 2.5	Pass
				50	3.87	-4.100	-0.0011	-2.5 to 2.5	Pass
	3692.5	75	0	20	3.65	-2.400	-0.0006	-2.5 to 2.5	Pass
					3.87	-1.700	-0.0005	-2.5 to 2.5	Pass
					4.45	-1.300	-0.0004	-2.5 to 2.5	Pass
				-30	3.87	-4.800	-0.0013	-2.5 to 2.5	Pass
				-20	3.87	-0.400	-0.0001	-2.5 to 2.5	Pass
				-10	3.87	-2.500	-0.0007	-2.5 to 2.5	Pass
				0	3.87	-1.100	-0.0003	-2.5 to 2.5	Pass
				10	3.87	-4.800	-0.0013	-2.5 to 2.5	Pass
				30	3.87	-1.300	-0.0004	-2.5 to 2.5	Pass
				40	3.87	-5.500	-0.0015	-2.5 to 2.5	Pass
				50	3.87	-3.900	-0.0011	-2.5 to 2.5	Pass
16QAM	3557.5	75	0	20	3.65	-1.700	-0.0005	-2.5 to 2.5	Pass
					3.87	1.500	0.0004	-2.5 to 2.5	Pass
					4.45	0.400	0.0001	-2.5 to 2.5	Pass
				-30	3.87	-3.700	-0.0010	-2.5 to 2.5	Pass
				-20	3.87	-2.400	-0.0007	-2.5 to 2.5	Pass
				-10	3.87	-2.900	-0.0008	-2.5 to 2.5	Pass
				0	3.87	-1.400	-0.0004	-2.5 to 2.5	Pass
				10	3.87	-3.500	-0.0010	-2.5 to 2.5	Pass
				30	3.87	-2.400	-0.0007	-2.5 to 2.5	Pass
				40	3.87	-3.200	-0.0009	-2.5 to 2.5	Pass
				50	3.87	-4.900	-0.0014	-2.5 to 2.5	Pass
	3625	75	0	20	3.65	-1.800	-0.0005	-2.5 to 2.5	Pass
					3.87	-0.100	0.0000	-2.5 to 2.5	Pass
					4.45	-1.100	-0.0003	-2.5 to 2.5	Pass
				-30	3.87	0.200	0.0001	-2.5 to 2.5	Pass
				-20	3.87	-0.400	-0.0001	-2.5 to 2.5	Pass
				-10	3.87	-1.600	-0.0004	-2.5 to 2.5	Pass
				0	3.87	-1.100	-0.0003	-2.5 to 2.5	Pass

				10	3.87	1.300	0.0004	-2.5 to 2.5	Pass
				30	3.87	1.500	0.0004	-2.5 to 2.5	Pass
				40	3.87	-3.000	-0.0008	-2.5 to 2.5	Pass
				50	3.87	-4.200	-0.0012	-2.5 to 2.5	Pass
	3692.5	75	0	20	3.65	-1.300	-0.0004	-2.5 to 2.5	Pass
					3.87	-2.300	-0.0006	-2.5 to 2.5	Pass
					4.45	0.100	0.0000	-2.5 to 2.5	Pass
				-30	3.87	0.800	0.0002	-2.5 to 2.5	Pass
				-20	3.87	-1.000	-0.0003	-2.5 to 2.5	Pass
				-10	3.87	-0.100	0.0000	-2.5 to 2.5	Pass
				0	3.87	-1.900	-0.0005	-2.5 to 2.5	Pass
				10	3.87	-1.700	-0.0005	-2.5 to 2.5	Pass
				30	3.87	-0.200	-0.0001	-2.5 to 2.5	Pass
				40	3.87	-2.800	-0.0008	-2.5 to 2.5	Pass
				50	3.87	-0.500	-0.0001	-2.5 to 2.5	Pass
64QAM	3557.5	75	0	20	3.65	-2.000	-0.0006	-2.5 to 2.5	Pass
					3.87	-3.700	-0.0010	-2.5 to 2.5	Pass
					4.45	1.900	0.0005	-2.5 to 2.5	Pass
				-30	3.87	-1.200	-0.0003	-2.5 to 2.5	Pass
				-20	3.87	-1.300	-0.0004	-2.5 to 2.5	Pass
				-10	3.87	-0.500	-0.0001	-2.5 to 2.5	Pass
				0	3.87	0.000	0.0000	-2.5 to 2.5	Pass
				10	3.87	0.700	0.0002	-2.5 to 2.5	Pass
				30	3.87	0.700	0.0002	-2.5 to 2.5	Pass
				40	3.87	0.300	0.0001	-2.5 to 2.5	Pass
				50	3.87	1.900	0.0005	-2.5 to 2.5	Pass
	3625	75	0	20	3.65	3.600	0.0010	-2.5 to 2.5	Pass
					3.87	-4.600	-0.0013	-2.5 to 2.5	Pass
					4.45	7.100	0.0020	-2.5 to 2.5	Pass
				-30	3.87	-10.100	-0.0028	-2.5 to 2.5	Pass
				-20	3.87	2.900	0.0008	-2.5 to 2.5	Pass
				-10	3.87	3.900	0.0011	-2.5 to 2.5	Pass
				0	3.87	11.600	0.0032	-2.5 to 2.5	Pass
				10	3.87	6.900	0.0019	-2.5 to 2.5	Pass
				30	3.87	-5.800	-0.0016	-2.5 to 2.5	Pass
				40	3.87	3.300	0.0009	-2.5 to 2.5	Pass
				50	3.87	1.500	0.0004	-2.5 to 2.5	Pass
	3692.5	75	0	20	3.65	-4.500	-0.0012	-2.5 to 2.5	Pass
					3.87	-5.200	-0.0014	-2.5 to 2.5	Pass
					4.45	1.800	0.0005	-2.5 to 2.5	Pass
				-30	3.87	-5.600	-0.0015	-2.5 to 2.5	Pass
				-20	3.87	4.900	0.0013	-2.5 to 2.5	Pass
				-10	3.87	4.800	0.0013	-2.5 to 2.5	Pass
				0	3.87	1.100	0.0003	-2.5 to 2.5	Pass
				10	3.87	-12.900	-0.0035	-2.5 to 2.5	Pass
				30	3.87	-9.300	-0.0025	-2.5 to 2.5	Pass
				40	3.87	-12.200	-0.0033	-2.5 to 2.5	Pass
				50	3.87	2.700	0.0007	-2.5 to 2.5	Pass
256QAM	3557.5	75	0	20	3.65	-5.200	-0.0015	-2.5 to 2.5	Pass
					3.87	-2.400	-0.0007	-2.5 to 2.5	Pass
					4.45	0.100	0.0000	-2.5 to 2.5	Pass
				-30	3.87	2.500	0.0007	-2.5 to 2.5	Pass
				-20	3.87	1.900	0.0005	-2.5 to 2.5	Pass
				-10	3.87	2.400	0.0007	-2.5 to 2.5	Pass
				0	3.87	-1.400	-0.0004	-2.5 to 2.5	Pass
				10	3.87	3.300	0.0009	-2.5 to 2.5	Pass
				30	3.87	0.600	0.0002	-2.5 to 2.5	Pass

				40	3.87	1.800	0.0005	-2.5 to 2.5	Pass
				50	3.87	-2.800	-0.0008	-2.5 to 2.5	Pass
	3625	75	0	20	3.65	-0.500	-0.0001	-2.5 to 2.5	Pass
					3.87	-3.600	-0.0010	-2.5 to 2.5	Pass
					4.45	-2.700	-0.0007	-2.5 to 2.5	Pass
				-30	3.87	0.500	0.0001	-2.5 to 2.5	Pass
				-20	3.87	-3.000	-0.0008	-2.5 to 2.5	Pass
				-10	3.87	-0.900	-0.0002	-2.5 to 2.5	Pass
				0	3.87	-0.500	-0.0001	-2.5 to 2.5	Pass
				10	3.87	0.300	0.0001	-2.5 to 2.5	Pass
				30	3.87	-5.600	-0.0015	-2.5 to 2.5	Pass
				40	3.87	-1.400	-0.0004	-2.5 to 2.5	Pass
				50	3.87	1.600	0.0004	-2.5 to 2.5	Pass
	3692.5	75	0	20	3.65	0.100	0.0000	-2.5 to 2.5	Pass
					3.87	-2.600	-0.0007	-2.5 to 2.5	Pass
					4.45	-2.100	-0.0006	-2.5 to 2.5	Pass
				-30	3.87	0.900	0.0002	-2.5 to 2.5	Pass
				-20	3.87	-3.400	-0.0009	-2.5 to 2.5	Pass
				-10	3.87	0.000	0.0000	-2.5 to 2.5	Pass
				0	3.87	0.000	0.0000	-2.5 to 2.5	Pass
				10	3.87	3.700	0.0010	-2.5 to 2.5	Pass
				30	3.87	-3.400	-0.0009	-2.5 to 2.5	Pass
				40	3.87	-3.500	-0.0009	-2.5 to 2.5	Pass
				50	3.87	-1.700	-0.0005	-2.5 to 2.5	Pass

2.1.4 B48_20MHz

Band: 48 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	3560	100	0	20	3.65	-1.500	-0.0004	-2.5 to 2.5	Pass
					3.87	-3.000	-0.0008	-2.5 to 2.5	Pass
					4.45	3.800	0.0011	-2.5 to 2.5	Pass
				-30	3.87	-0.700	-0.0002	-2.5 to 2.5	Pass
				-20	3.87	-1.300	-0.0004	-2.5 to 2.5	Pass
				-10	3.87	-1.500	-0.0004	-2.5 to 2.5	Pass
				0	3.87	-1.300	-0.0004	-2.5 to 2.5	Pass
				10	3.87	-0.400	-0.0001	-2.5 to 2.5	Pass
				30	3.87	-1.900	-0.0005	-2.5 to 2.5	Pass
				40	3.87	-1.700	-0.0005	-2.5 to 2.5	Pass
				50	3.87	-3.200	-0.0009	-2.5 to 2.5	Pass
	3625	100	0	20	3.65	2.300	0.0006	-2.5 to 2.5	Pass
					3.87	0.200	0.0001	-2.5 to 2.5	Pass
					4.45	1.000	0.0003	-2.5 to 2.5	Pass
				-30	3.87	-1.200	-0.0003	-2.5 to 2.5	Pass
				-20	3.87	-0.600	-0.0002	-2.5 to 2.5	Pass
				-10	3.87	1.700	0.0005	-2.5 to 2.5	Pass
				0	3.87	-0.400	-0.0001	-2.5 to 2.5	Pass
				10	3.87	-0.200	-0.0001	-2.5 to 2.5	Pass
				30	3.87	0.900	0.0002	-2.5 to 2.5	Pass
				40	3.87	-3.100	-0.0009	-2.5 to 2.5	Pass
				50	3.87	0.000	0.0000	-2.5 to 2.5	Pass
	3690	100	0	20	3.65	3.100	0.0008	-2.5 to 2.5	Pass
					3.87	-2.700	-0.0007	-2.5 to 2.5	Pass
					4.45	-4.700	-0.0013	-2.5 to 2.5	Pass

				-30	3.87	-5.300	-0.0014	-2.5 to 2.5	Pass
				-20	3.87	-6.500	-0.0018	-2.5 to 2.5	Pass
				-10	3.87	-4.000	-0.0011	-2.5 to 2.5	Pass
				0	3.87	0.900	0.0002	-2.5 to 2.5	Pass
				10	3.87	-1.400	-0.0004	-2.5 to 2.5	Pass
				30	3.87	-0.500	-0.0001	-2.5 to 2.5	Pass
				40	3.87	-0.500	-0.0001	-2.5 to 2.5	Pass
				50	3.87	-0.200	-0.0001	-2.5 to 2.5	Pass
16QAM	3560	100	0	20	3.65	-3.000	-0.0008	-2.5 to 2.5	Pass
					3.87	-0.600	-0.0002	-2.5 to 2.5	Pass
					4.45	-4.000	-0.0011	-2.5 to 2.5	Pass
				-30	3.87	-1.000	-0.0003	-2.5 to 2.5	Pass
				-20	3.87	-4.300	-0.0012	-2.5 to 2.5	Pass
				-10	3.87	-5.200	-0.0015	-2.5 to 2.5	Pass
				0	3.87	-1.800	-0.0005	-2.5 to 2.5	Pass
				10	3.87	0.000	0.0000	-2.5 to 2.5	Pass
				30	3.87	-1.200	-0.0003	-2.5 to 2.5	Pass
				40	3.87	-2.100	-0.0006	-2.5 to 2.5	Pass
				50	3.87	1.000	0.0003	-2.5 to 2.5	Pass
	3625	100	0	20	3.65	-3.900	-0.0011	-2.5 to 2.5	Pass
					3.87	-2.400	-0.0007	-2.5 to 2.5	Pass
					4.45	0.000	0.0000	-2.5 to 2.5	Pass
				-30	3.87	-1.800	-0.0005	-2.5 to 2.5	Pass
				-20	3.87	0.900	0.0002	-2.5 to 2.5	Pass
				-10	3.87	-3.000	-0.0008	-2.5 to 2.5	Pass
				0	3.87	-0.900	-0.0002	-2.5 to 2.5	Pass
				10	3.87	-3.500	-0.0010	-2.5 to 2.5	Pass
				30	3.87	0.000	0.0000	-2.5 to 2.5	Pass
				40	3.87	-1.500	-0.0004	-2.5 to 2.5	Pass
				50	3.87	-2.000	-0.0006	-2.5 to 2.5	Pass
	3690	100	0	20	3.65	-1.900	-0.0005	-2.5 to 2.5	Pass
					3.87	-3.200	-0.0009	-2.5 to 2.5	Pass
					4.45	-2.500	-0.0007	-2.5 to 2.5	Pass
				-30	3.87	-4.400	-0.0012	-2.5 to 2.5	Pass
				-20	3.87	-1.200	-0.0003	-2.5 to 2.5	Pass
				-10	3.87	-2.900	-0.0008	-2.5 to 2.5	Pass
				0	3.87	-3.800	-0.0010	-2.5 to 2.5	Pass
				10	3.87	0.900	0.0002	-2.5 to 2.5	Pass
				30	3.87	-0.200	-0.0001	-2.5 to 2.5	Pass
				40	3.87	-0.400	-0.0001	-2.5 to 2.5	Pass
				50	3.87	-2.800	-0.0008	-2.5 to 2.5	Pass
64QAM	3560	100	0	20	3.65	7.300	0.0021	-2.5 to 2.5	Pass
					3.87	-2.600	-0.0007	-2.5 to 2.5	Pass
					4.45	-13.000	-0.0037	-2.5 to 2.5	Pass
				-30	3.87	-9.500	-0.0027	-2.5 to 2.5	Pass
				-20	3.87	-1.200	-0.0003	-2.5 to 2.5	Pass
				-10	3.87	1.100	0.0003	-2.5 to 2.5	Pass
				0	3.87	-5.300	-0.0015	-2.5 to 2.5	Pass
				10	3.87	-22.700	-0.0064	-2.5 to 2.5	Pass
				30	3.87	-17.300	-0.0049	-2.5 to 2.5	Pass
				40	3.87	-3.200	-0.0009	-2.5 to 2.5	Pass
				50	3.87	-5.900	-0.0017	-2.5 to 2.5	Pass
	3625	100	0	20	3.65	-15.300	-0.0042	-2.5 to 2.5	Pass
					3.87	-9.800	-0.0027	-2.5 to 2.5	Pass
					4.45	5.000	0.0014	-2.5 to 2.5	Pass
				-30	3.87	-2.900	-0.0008	-2.5 to 2.5	Pass
				-20	3.87	-0.400	-0.0001	-2.5 to 2.5	Pass

				-10	3.87	8.300	0.0023	-2.5 to 2.5	Pass
				0	3.87	-5.900	-0.0016	-2.5 to 2.5	Pass
				10	3.87	9.400	0.0026	-2.5 to 2.5	Pass
				30	3.87	7.300	0.0020	-2.5 to 2.5	Pass
				40	3.87	-15.200	-0.0042	-2.5 to 2.5	Pass
				50	3.87	2.600	0.0007	-2.5 to 2.5	Pass
	3690	100	0	20	3.65	3.400	0.0009	-2.5 to 2.5	Pass
					3.87	-5.400	-0.0015	-2.5 to 2.5	Pass
					4.45	-3.500	-0.0009	-2.5 to 2.5	Pass
				-30	3.87	-1.000	-0.0003	-2.5 to 2.5	Pass
				-20	3.87	3.000	0.0008	-2.5 to 2.5	Pass
				-10	3.87	11.000	0.0030	-2.5 to 2.5	Pass
				0	3.87	-6.800	-0.0018	-2.5 to 2.5	Pass
				10	3.87	5.600	0.0015	-2.5 to 2.5	Pass
				30	3.87	-22.200	-0.0060	-2.5 to 2.5	Pass
				40	3.87	-23.300	-0.0063	-2.5 to 2.5	Pass
				50	3.87	-15.900	-0.0043	-2.5 to 2.5	Pass
256QAM	3560	100	0	20	3.65	-0.400	-0.0001	-2.5 to 2.5	Pass
					3.87	-3.300	-0.0009	-2.5 to 2.5	Pass
					4.45	-3.600	-0.0010	-2.5 to 2.5	Pass
				-30	3.87	-2.100	-0.0006	-2.5 to 2.5	Pass
				-20	3.87	-1.300	-0.0004	-2.5 to 2.5	Pass
				-10	3.87	0.100	0.0000	-2.5 to 2.5	Pass
				0	3.87	-3.200	-0.0009	-2.5 to 2.5	Pass
				10	3.87	-0.800	-0.0002	-2.5 to 2.5	Pass
				30	3.87	-0.200	-0.0001	-2.5 to 2.5	Pass
				40	3.87	-0.300	-0.0001	-2.5 to 2.5	Pass
				50	3.87	-1.000	-0.0003	-2.5 to 2.5	Pass
	3625	100	0	20	3.65	-4.000	-0.0011	-2.5 to 2.5	Pass
					3.87	1.900	0.0005	-2.5 to 2.5	Pass
					4.45	-2.700	-0.0007	-2.5 to 2.5	Pass
				-30	3.87	0.400	0.0001	-2.5 to 2.5	Pass
				-20	3.87	-4.200	-0.0012	-2.5 to 2.5	Pass
				-10	3.87	-0.100	0.0000	-2.5 to 2.5	Pass
				0	3.87	-0.500	-0.0001	-2.5 to 2.5	Pass
				10	3.87	-0.700	-0.0002	-2.5 to 2.5	Pass
				30	3.87	-1.500	-0.0004	-2.5 to 2.5	Pass
				40	3.87	0.400	0.0001	-2.5 to 2.5	Pass
				50	3.87	-0.400	-0.0001	-2.5 to 2.5	Pass
	3690	100	0	20	3.65	-1.000	-0.0003	-2.5 to 2.5	Pass
					3.87	-0.900	-0.0002	-2.5 to 2.5	Pass
					4.45	-4.900	-0.0013	-2.5 to 2.5	Pass
				-30	3.87	-0.700	-0.0002	-2.5 to 2.5	Pass
				-20	3.87	-0.800	-0.0002	-2.5 to 2.5	Pass
				-10	3.87	-1.200	-0.0003	-2.5 to 2.5	Pass
				0	3.87	-2.400	-0.0007	-2.5 to 2.5	Pass
				10	3.87	1.400	0.0004	-2.5 to 2.5	Pass
				30	3.87	2.000	0.0005	-2.5 to 2.5	Pass
				40	3.87	-1.200	-0.0003	-2.5 to 2.5	Pass
				50	3.87	-2.900	-0.0008	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band48_OBW

Band: 48 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	3552.5	25	0	4.537	/	Pass
		3625	25	0	4.521	/	Pass
		3697.5	25	0	4.579	/	Pass
	16QAM	3552.5	25	0	4.560	/	Pass
		3625	25	0	4.537	/	Pass
		3697.5	25	0	4.532	/	Pass
	64QAM	3552.5	25	0	4.552	/	Pass
		3625	25	0	4.524	/	Pass
		3697.5	25	0	4.556	/	Pass
	256QAM	3552.5	25	0	4.549	/	Pass
		3625	25	0	4.553	/	Pass
		3697.5	25	0	4.518	/	Pass
10	QPSK	3555	50	0	9.060	/	Pass
		3625	50	0	9.025	/	Pass
		3695	50	0	9.083	/	Pass
	16QAM	3555	50	0	9.057	/	Pass
		3625	50	0	9.047	/	Pass
		3695	50	0	9.034	/	Pass
	64QAM	3555	50	0	9.060	/	Pass
		3625	50	0	9.075	/	Pass
		3695	50	0	9.048	/	Pass
	256QAM	3555	50	0	9.049	/	Pass
		3625	50	0	9.035	/	Pass
		3695	50	0	9.058	/	Pass
15	QPSK	3557.5	75	0	13.594	/	Pass
		3625	75	0	13.569	/	Pass
		3692.5	75	0	13.546	/	Pass
	16QAM	3557.5	75	0	13.618	/	Pass
		3625	75	0	13.484	/	Pass
		3692.5	75	0	13.599	/	Pass
	64QAM	3557.5	75	0	13.560	/	Pass
		3625	75	0	13.545	/	Pass
		3692.5	75	0	13.509	/	Pass
	256QAM	3557.5	75	0	13.609	/	Pass
		3625	75	0	13.542	/	Pass
		3692.5	75	0	13.609	/	Pass
20	QPSK	3560	100	0	18.056	/	Pass
		3625	100	0	17.997	/	Pass
		3690	100	0	18.082	/	Pass
	16QAM	3560	100	0	18.103	/	Pass
		3625	100	0	18.125	/	Pass
		3690	100	0	18.054	/	Pass
	64QAM	3560	100	0	18.093	/	Pass
		3625	100	0	18.111	/	Pass
		3690	100	0	18.104	/	Pass
	256QAM	3560	100	0	18.064	/	Pass
		3625	100	0	17.953	/	Pass
		3690	100	0	17.952	/	Pass

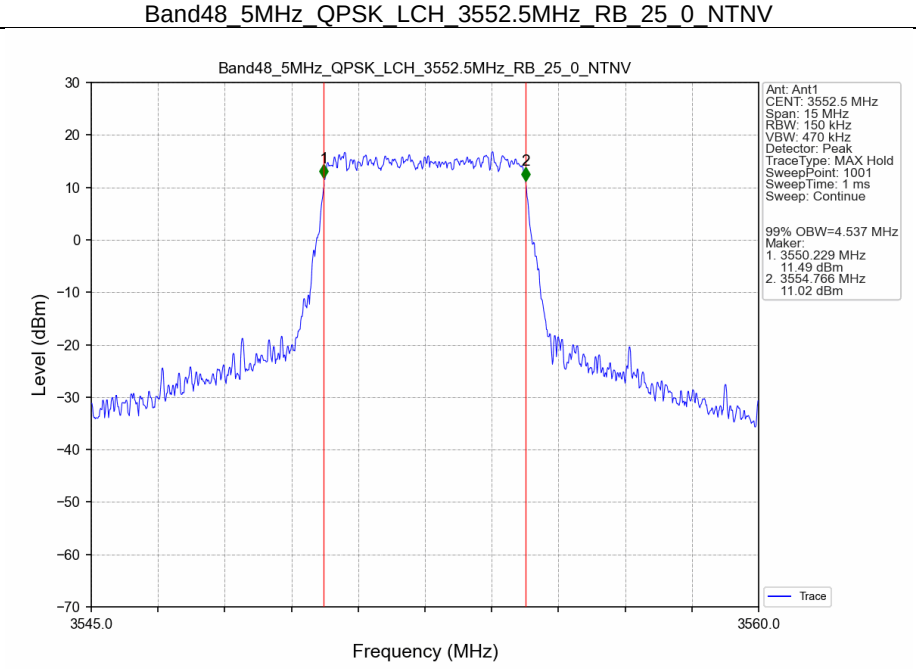
3.1.2 Band48_XDB

Band: 48 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	3552.5	25	0	5.158	/	Pass
		3625	25	0	5.091	/	Pass
		3697.5	25	0	5.078	/	Pass
	16QAM	3552.5	25	0	5.232	/	Pass
		3625	25	0	5.019	/	Pass
		3697.5	25	0	5.044	/	Pass
	64QAM	3552.5	25	0	5.229	/	Pass
		3625	25	0	5.021	/	Pass
		3697.5	25	0	5.034	/	Pass
	256QAM	3552.5	25	0	5.203	/	Pass
		3625	25	0	5.086	/	Pass
		3697.5	25	0	4.949	/	Pass
10	QPSK	3555	50	0	10.223	/	Pass
		3625	50	0	10.247	/	Pass
		3695	50	0	9.930	/	Pass
	16QAM	3555	50	0	10.121	/	Pass
		3625	50	0	10.012	/	Pass
		3695	50	0	9.737	/	Pass
	64QAM	3555	50	0	10.241	/	Pass
		3625	50	0	9.904	/	Pass
		3695	50	0	9.814	/	Pass
	256QAM	3555	50	0	10.138	/	Pass
		3625	50	0	9.921	/	Pass
		3695	50	0	9.995	/	Pass
15	QPSK	3557.5	75	0	15.109	/	Pass
		3625	75	0	14.752	/	Pass
		3692.5	75	0	14.760	/	Pass
	16QAM	3557.5	75	0	15.109	/	Pass
		3625	75	0	14.907	/	Pass
		3692.5	75	0	14.653	/	Pass
	64QAM	3557.5	75	0	15.032	/	Pass
		3625	75	0	14.787	/	Pass
		3692.5	75	0	14.845	/	Pass
	256QAM	3557.5	75	0	15.004	/	Pass
		3625	75	0	14.676	/	Pass
		3692.5	75	0	14.760	/	Pass
20	QPSK	3560	100	0	20.290	/	Pass
		3625	100	0	19.490	/	Pass
		3690	100	0	19.605	/	Pass
	16QAM	3560	100	0	19.882	/	Pass
		3625	100	0	19.406	/	Pass
		3690	100	0	19.442	/	Pass
	64QAM	3560	100	0	19.798	/	Pass
		3625	100	0	19.291	/	Pass
		3690	100	0	19.635	/	Pass
	256QAM	3560	100	0	19.938	/	Pass
		3625	100	0	19.449	/	Pass
		3690	100	0	19.739	/	Pass

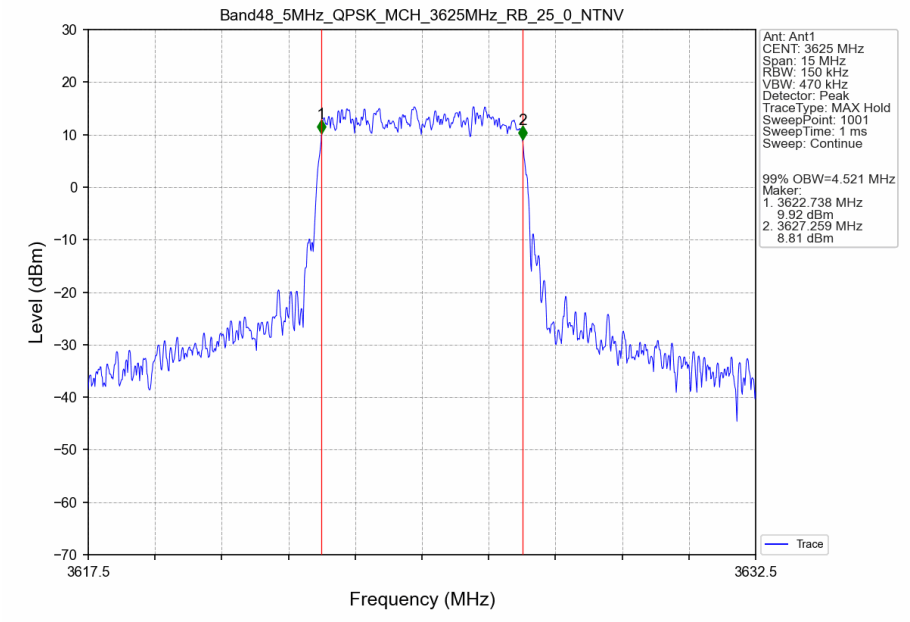
3.2 Test Graph

3.2.1 Band48_OBW

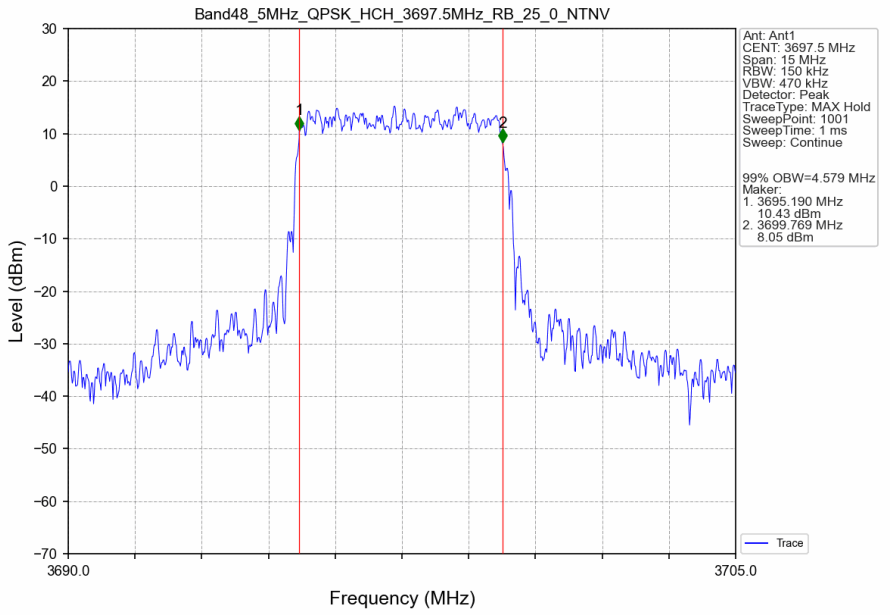
Band48_5MHz_QPSK_LCH_3552.5MHz_RB_25_0_NTNV



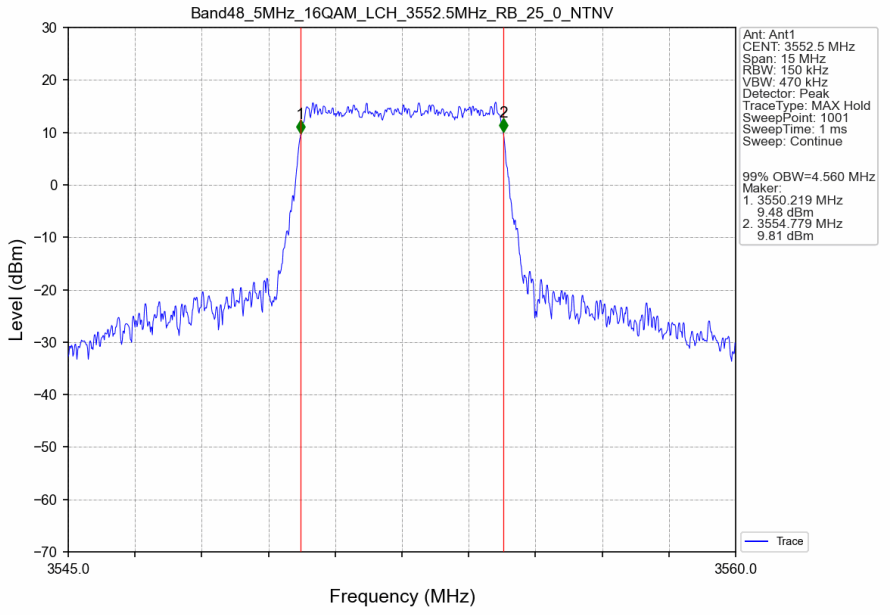
Band48_5MHz_QPSK_MCH_3625MHz_RB_25_0_NTNV



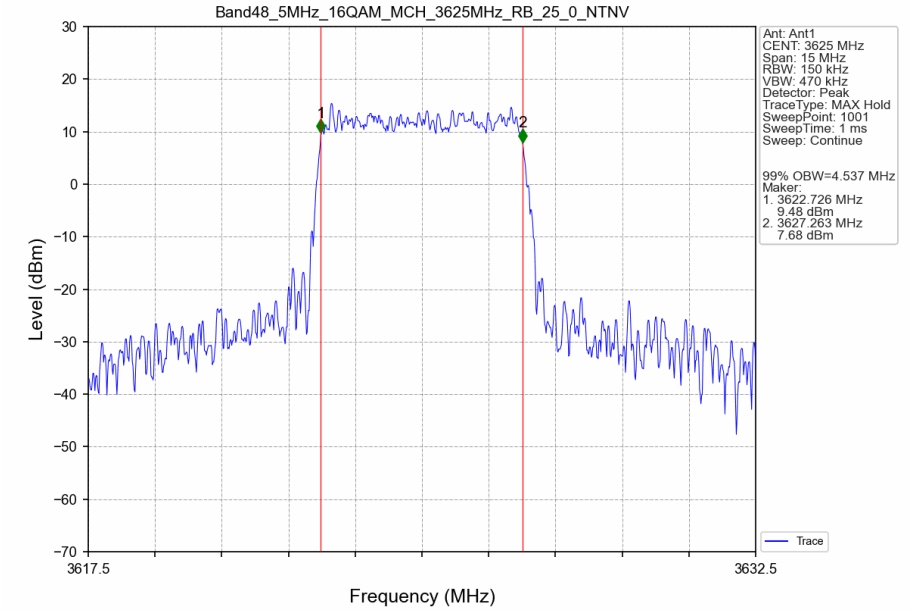
Band48_5MHz_QPSK_HCH_3697.5MHz_RB_25_0_NTNV



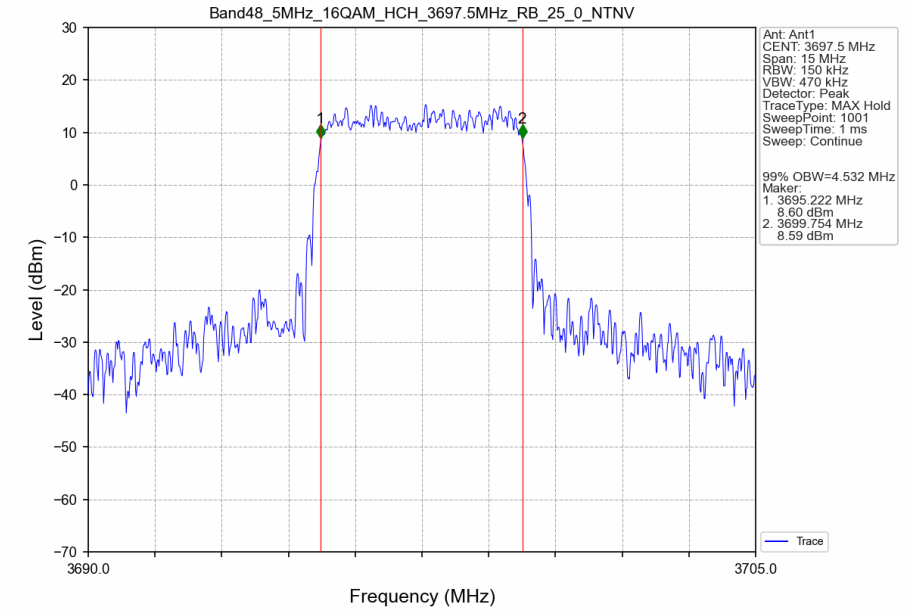
Band48_5MHz_16QAM_LCH_3552.5MHz_RB_25_0_NTNV

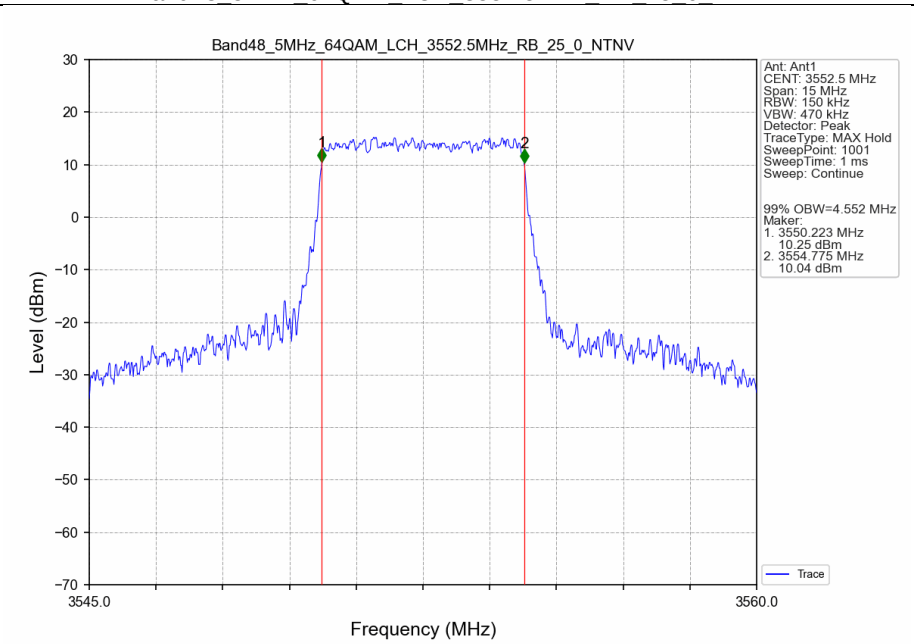


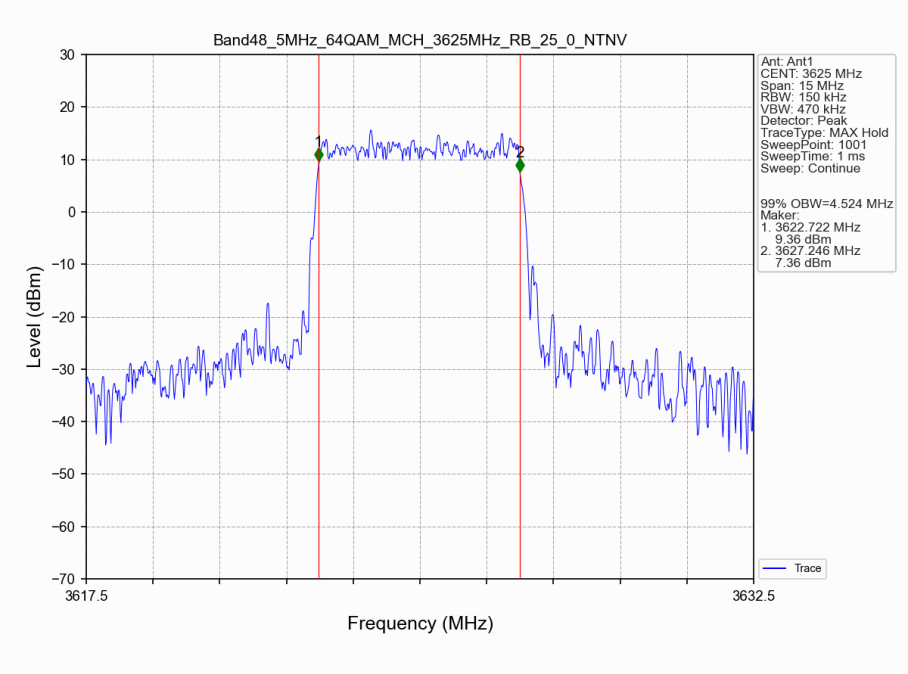
Band48_5MHz_16QAM_MCH_3625MHz_RB_25_0_NTNV



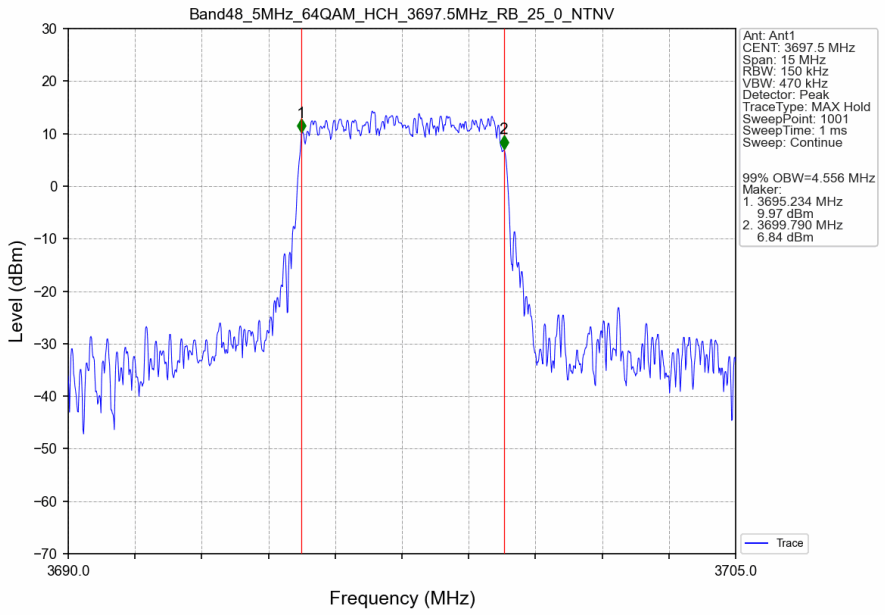
Band48_5MHz_16QAM_HCH_3697.5MHz_RB_25_0_NTNV



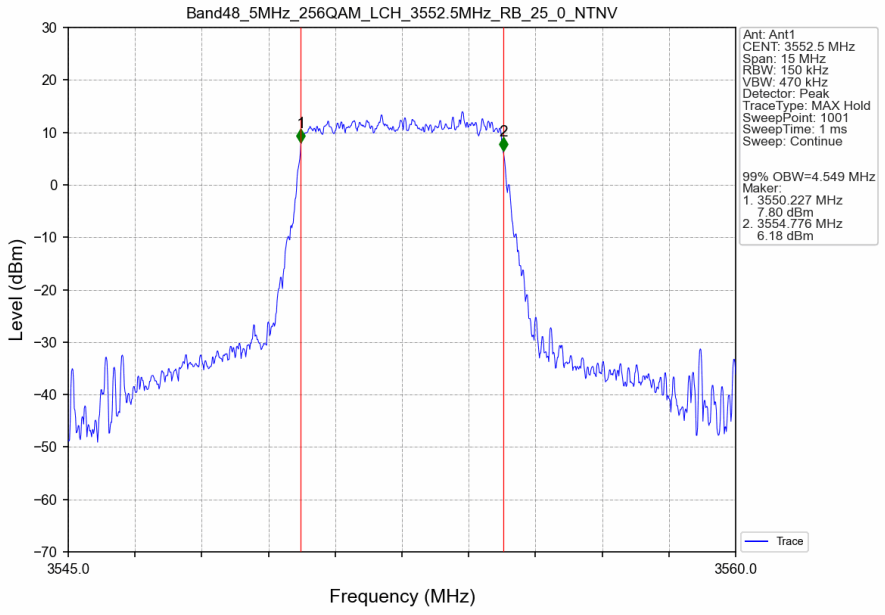
Band48_5MHz_64QAM_LCH_3552.5MHz_RB_25_0_NTNV


Band48_5MHz_64QAM_MCH_3625MHz_RB_25_0_NTNV


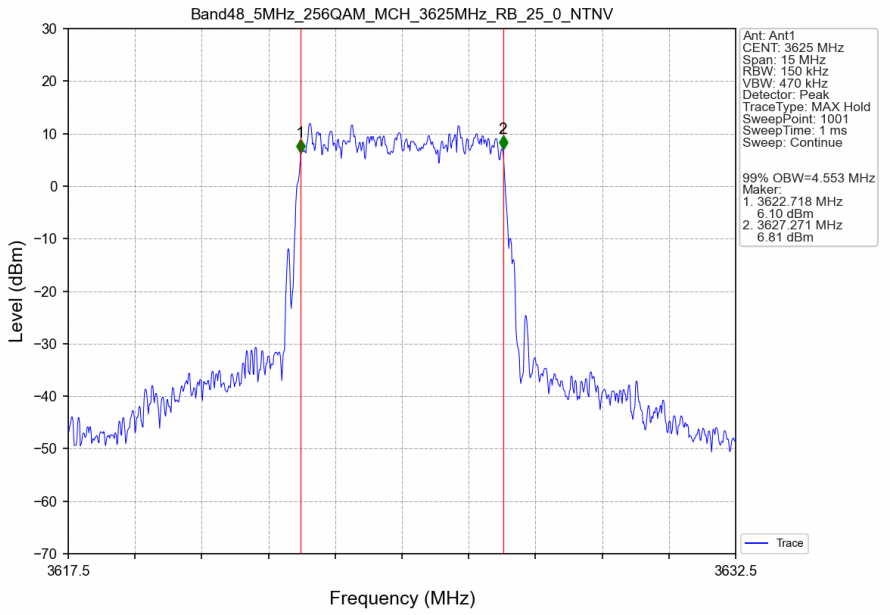
Band48_5MHz_64QAM_HCH_3697.5MHz_RB_25_0_NTNV



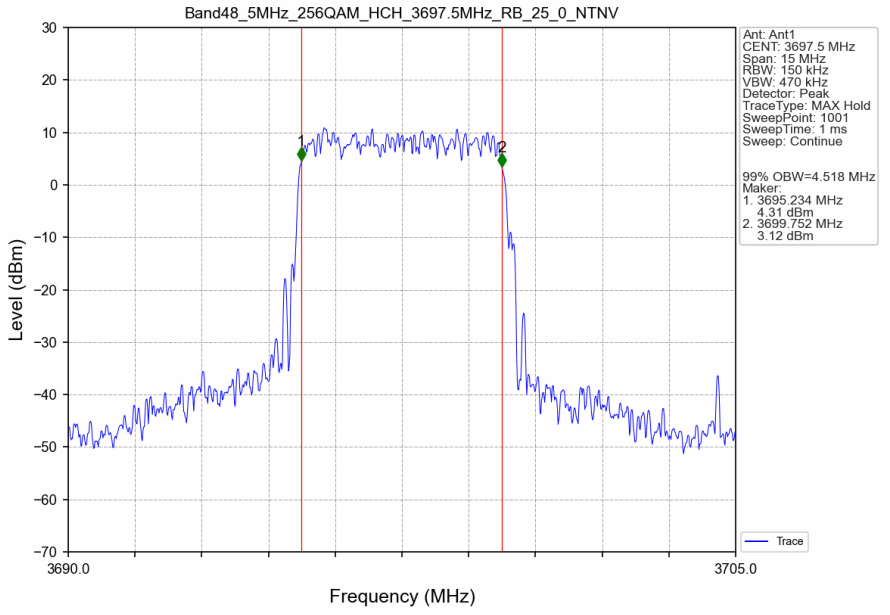
Band48_5MHz_256QAM_LCH_3552.5MHz_RB_25_0_NTNV



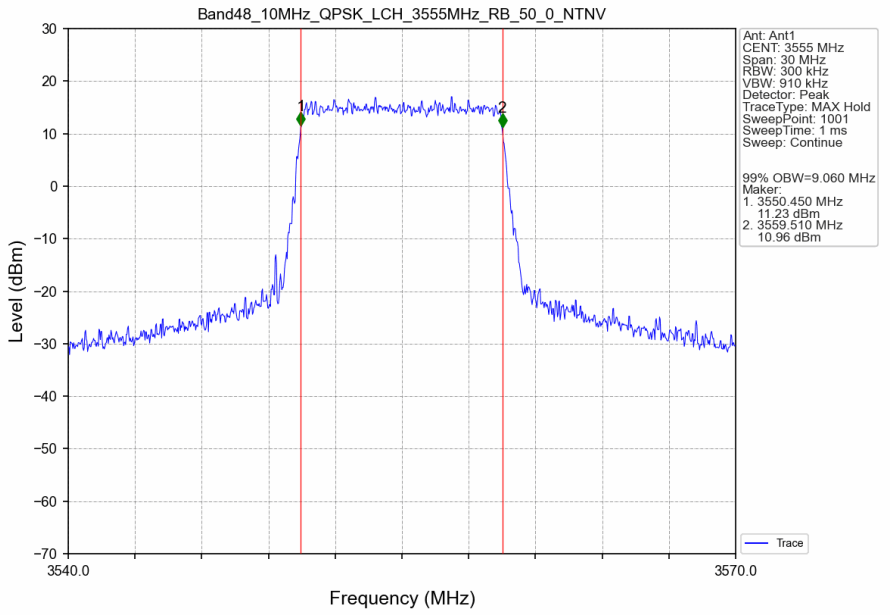
Band48_5MHz_256QAM_MCH_3625MHz_RB_25_0_NTNV



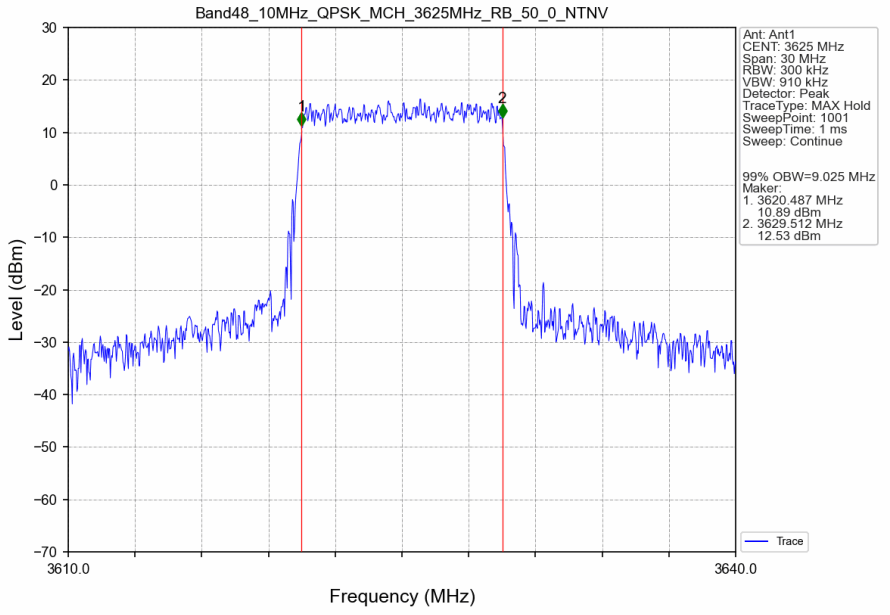
Band48_5MHz_256QAM_HCH_3697.5MHz_RB_25_0_NTNV



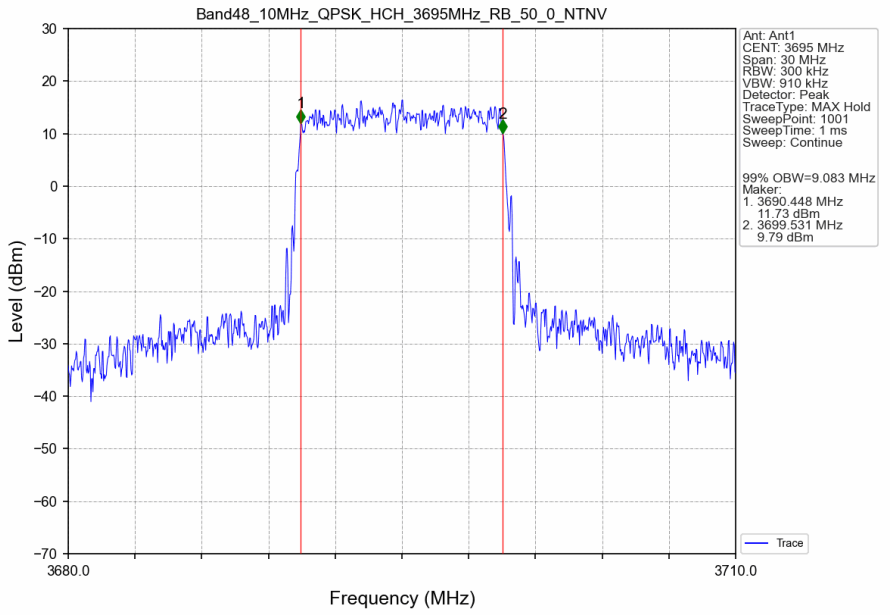
Band48_10MHz_QPSK_LCH_3555MHz_RB_50_0_NTNV



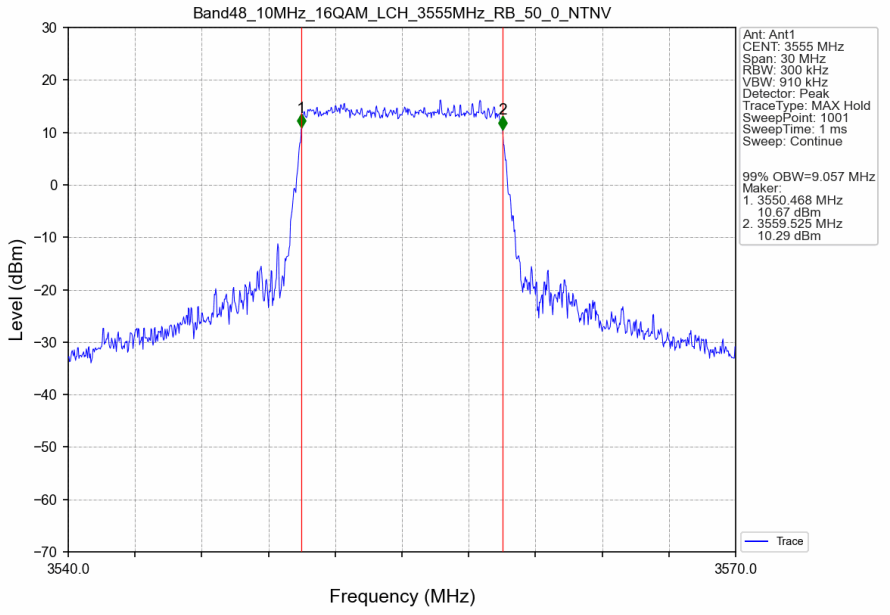
Band48_10MHz_QPSK_MCH_3625MHz_RB_50_0_NTNV



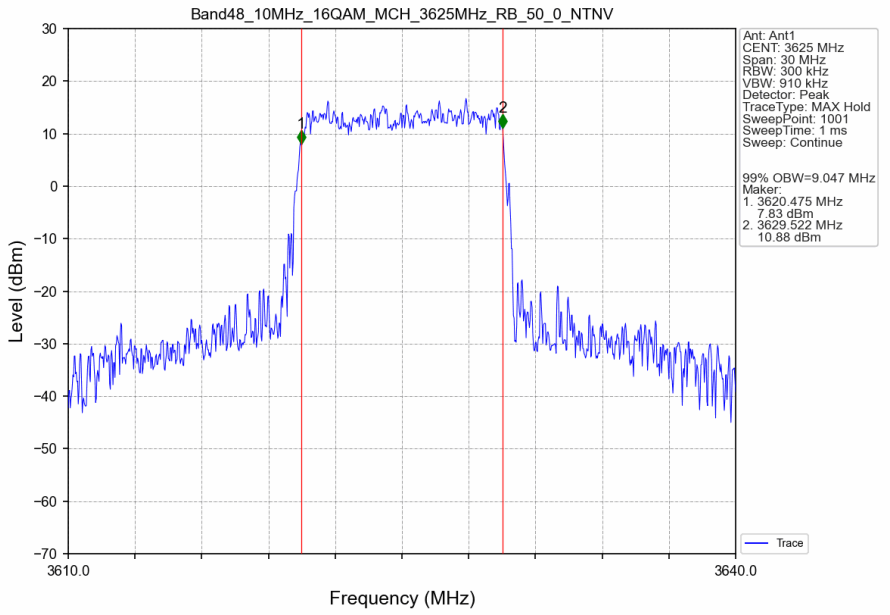
Band48_10MHz_QPSK_HCH_3695MHz_RB_50_0_NTNV



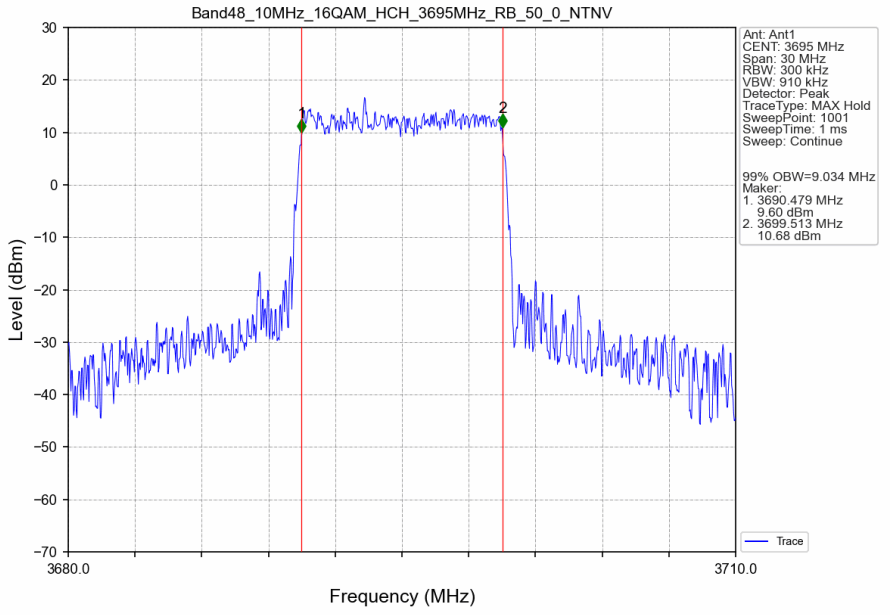
Band48_10MHz_16QAM_LCH_3555MHz_RB_50_0_NTNV



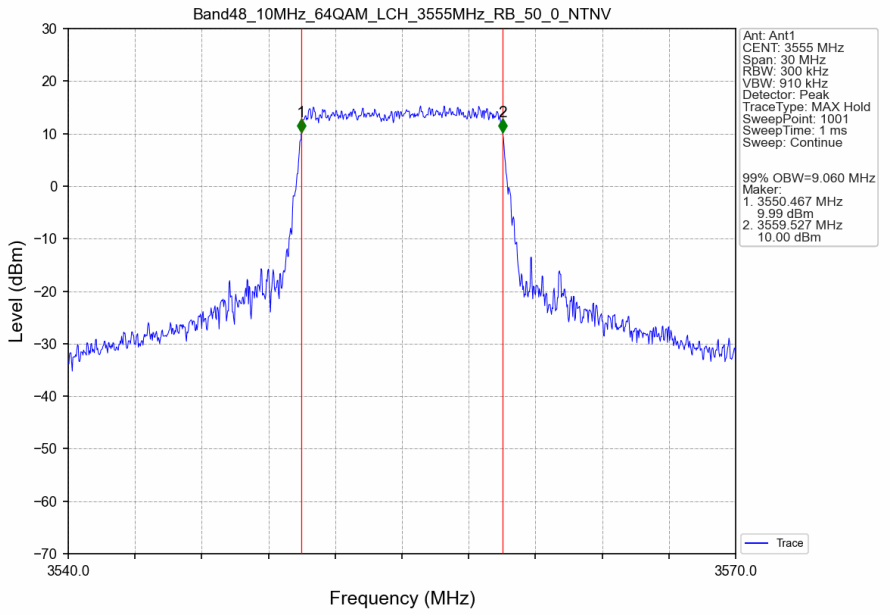
Band48_10MHz_16QAM_MCH_3625MHz_RB_50_0_NTNV



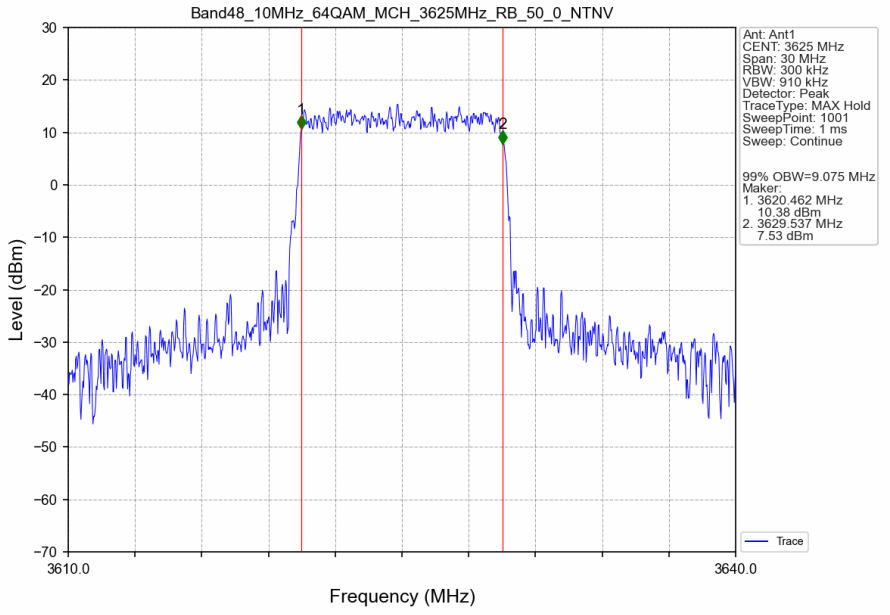
Band48_10MHz_16QAM_HCH_3695MHz_RB_50_0_NTNV



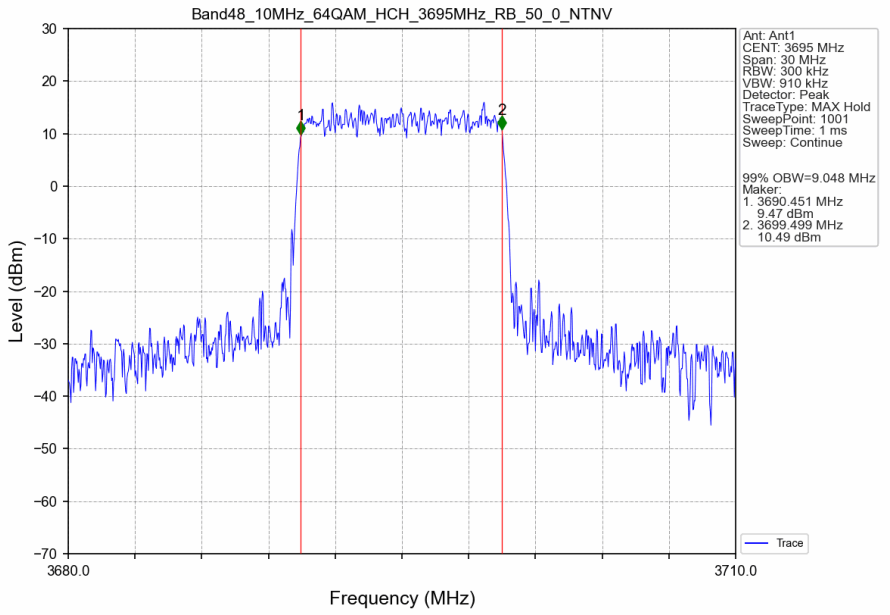
Band48_10MHz_64QAM_LCH_3555MHz_RB_50_0_NTNV



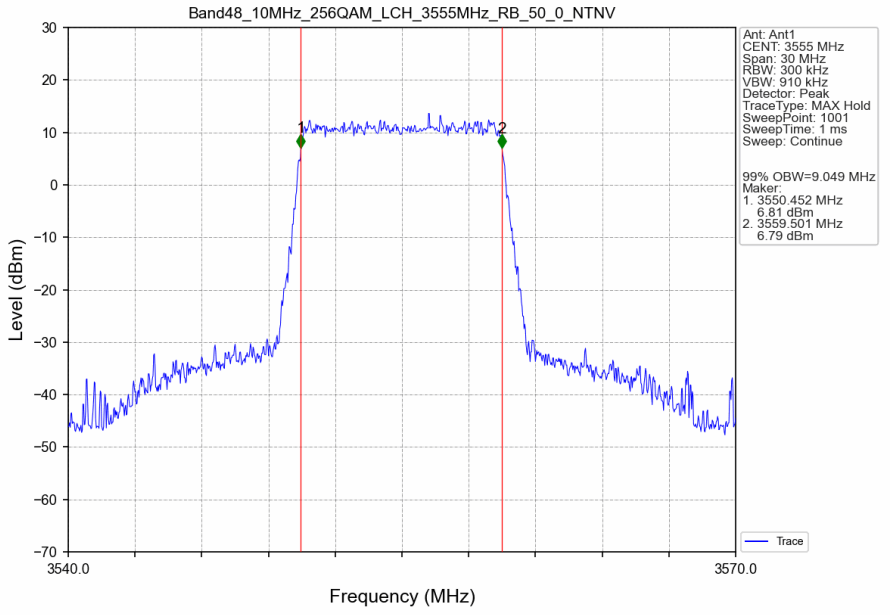
Band48_10MHz_64QAM_MCH_3625MHz_RB_50_0_NTNV



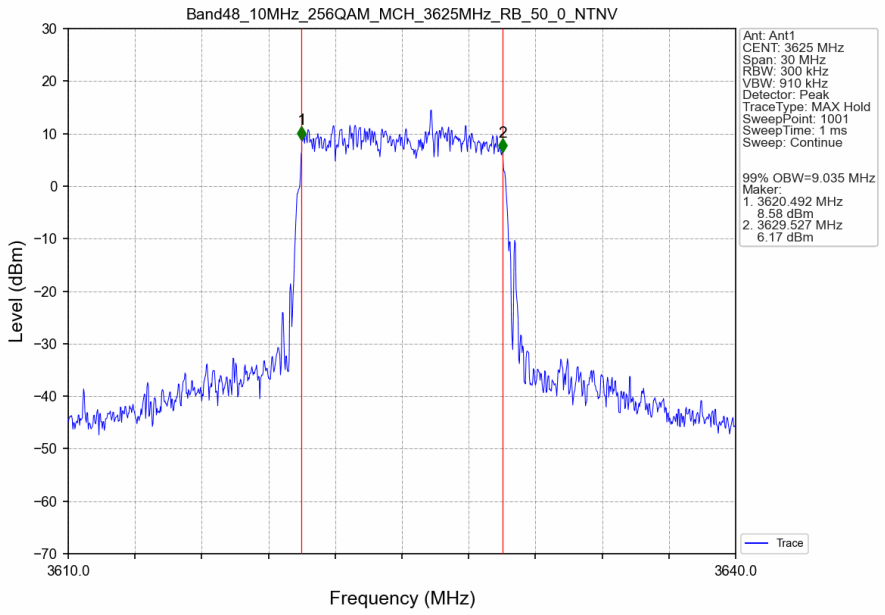
Band48_10MHz_64QAM_HCH_3695MHz_RB_50_0_NTNV



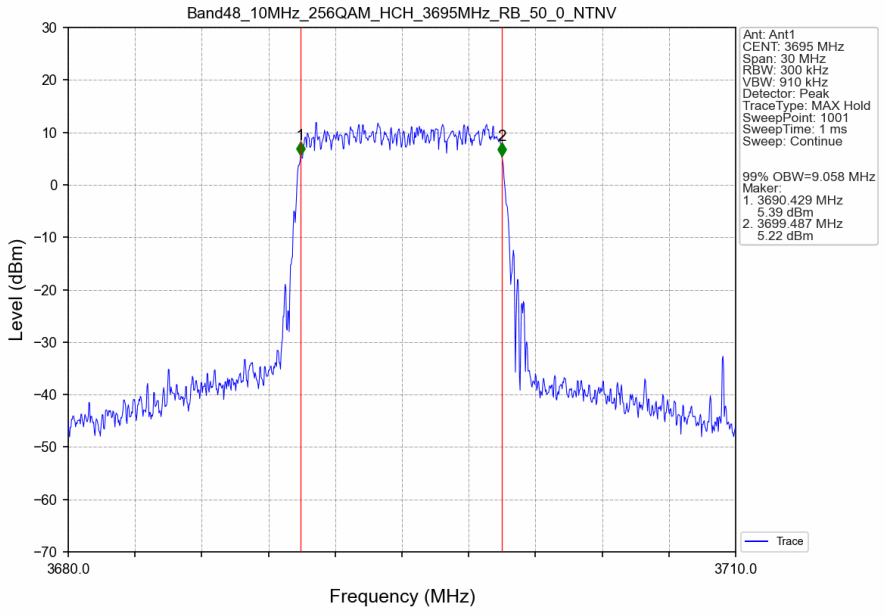
Band48_10MHz_256QAM_LCH_3555MHz_RB_50_0_NTNV



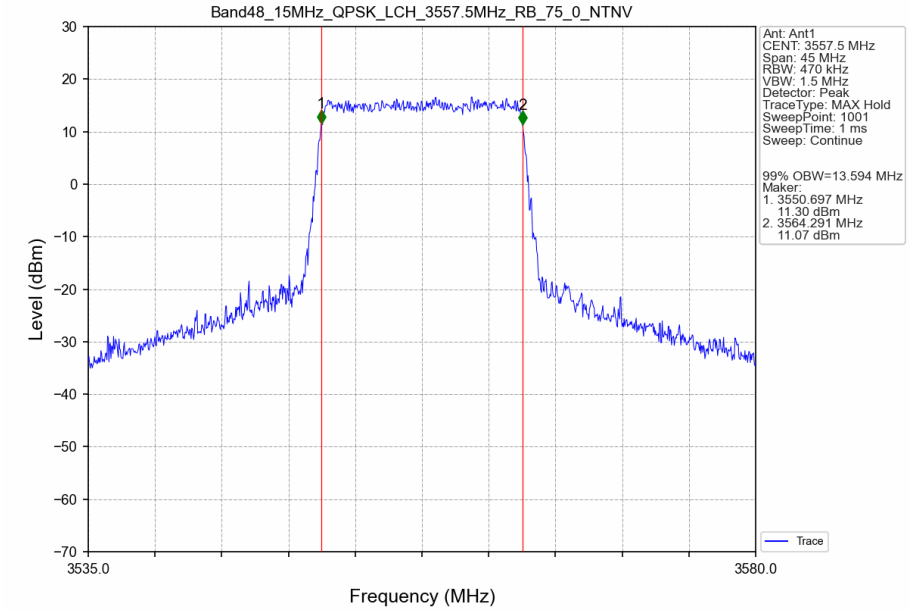
Band48_10MHz_256QAM_MCH_3625MHz_RB_50_0_NTNV



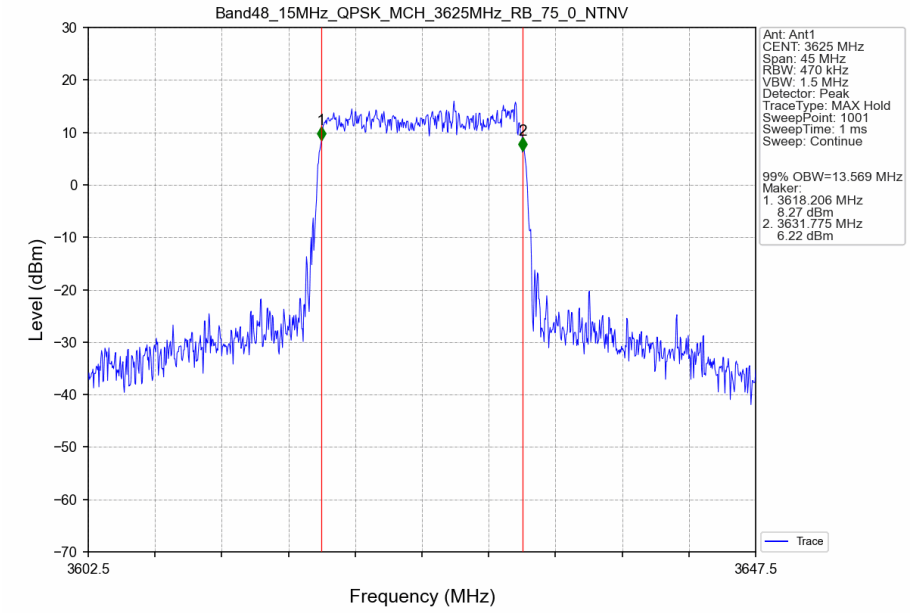
Band48_10MHz_256QAM_HCH_3695MHz_RB_50_0_NTNV



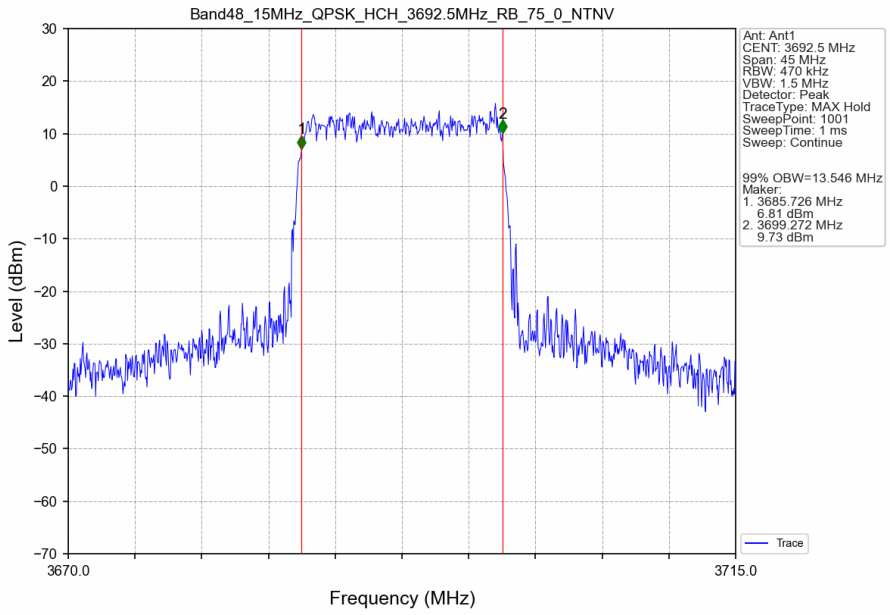
Band48_15MHz_QPSK_LCH_3557.5MHz_RB_75_0_NTNV



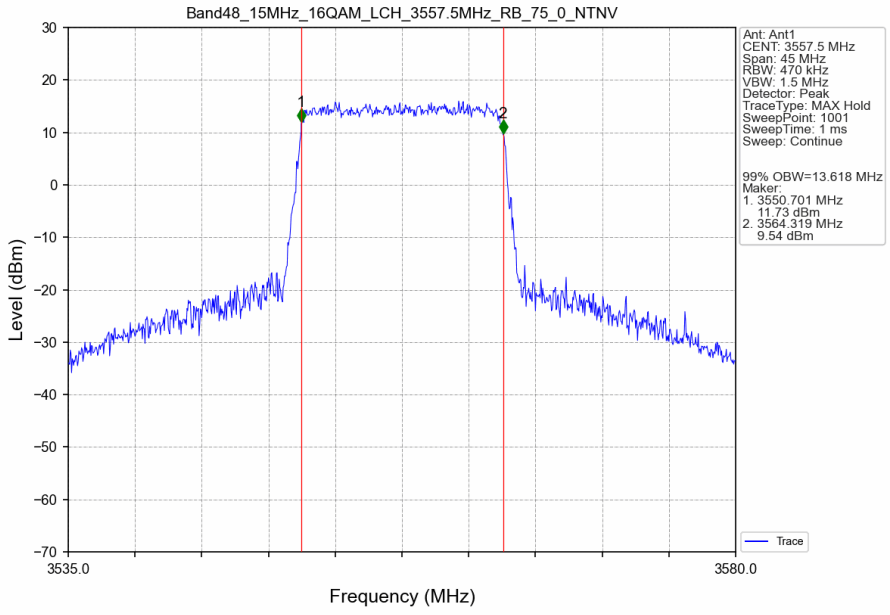
Band48_15MHz_QPSK_MCH_3625MHz_RB_75_0_NTNV



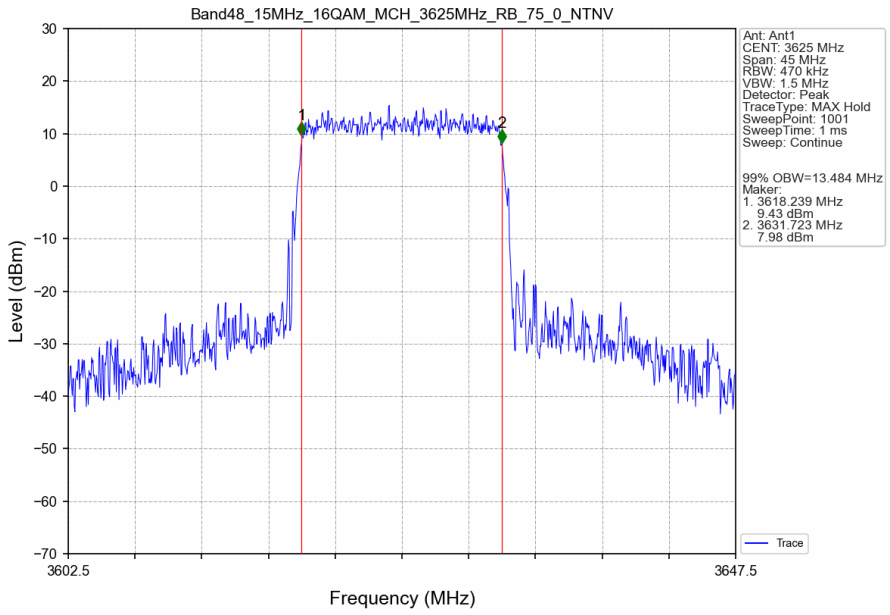
Band48_15MHz_QPSK_HCH_3692.5MHz_RB_75_0_NTNV



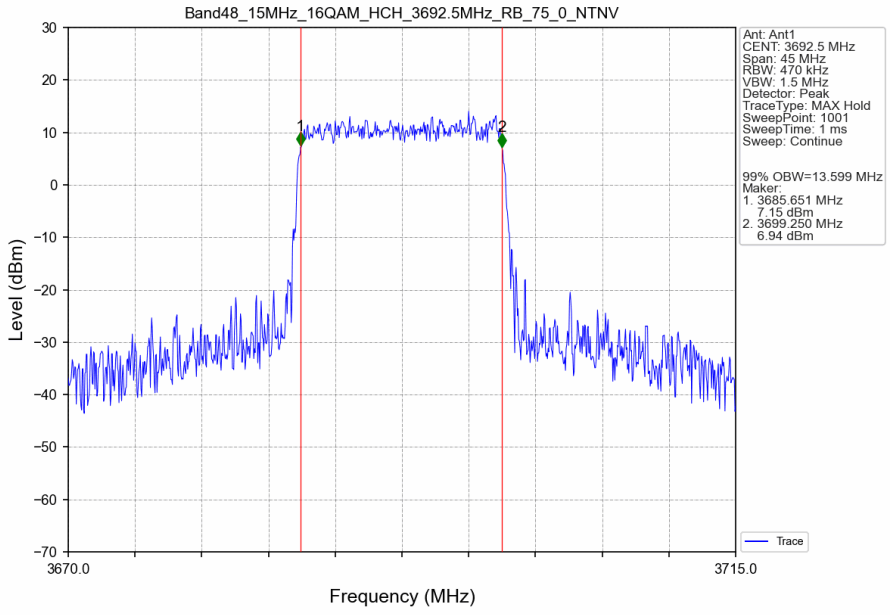
Band48_15MHz_16QAM_LCH_3557.5MHz_RB_75_0_NTNV

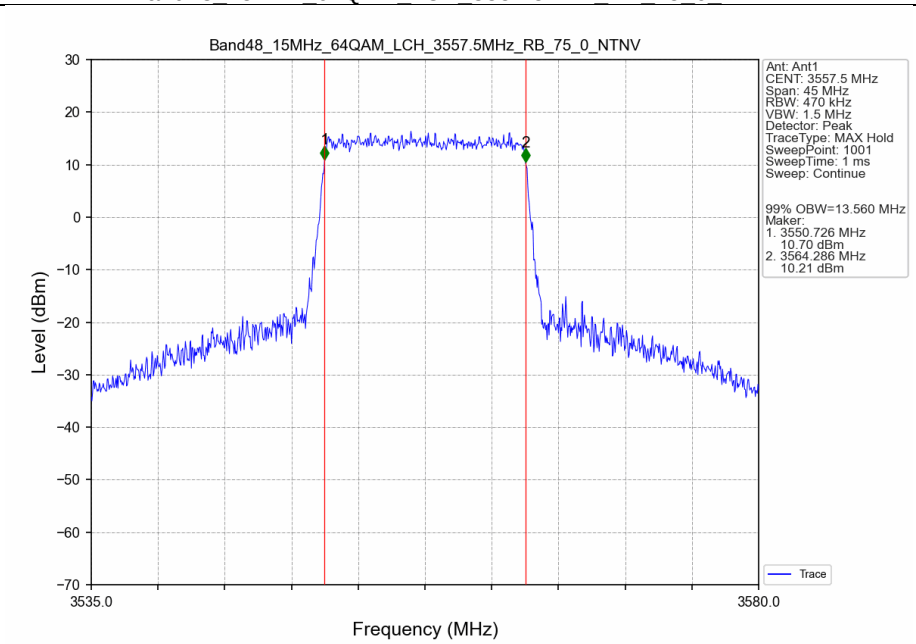


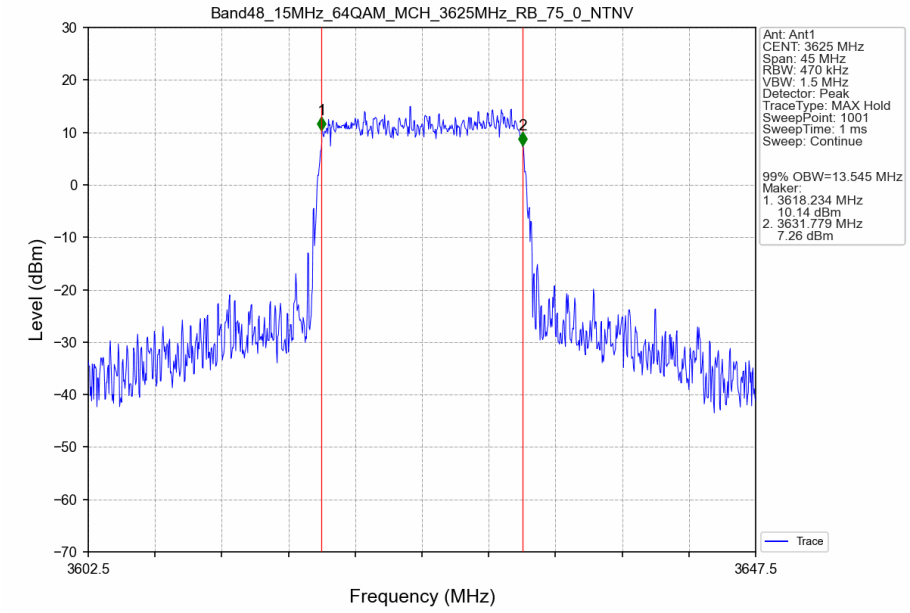
Band48_15MHz_16QAM_MCH_3625MHz_RB_75_0_NTNV



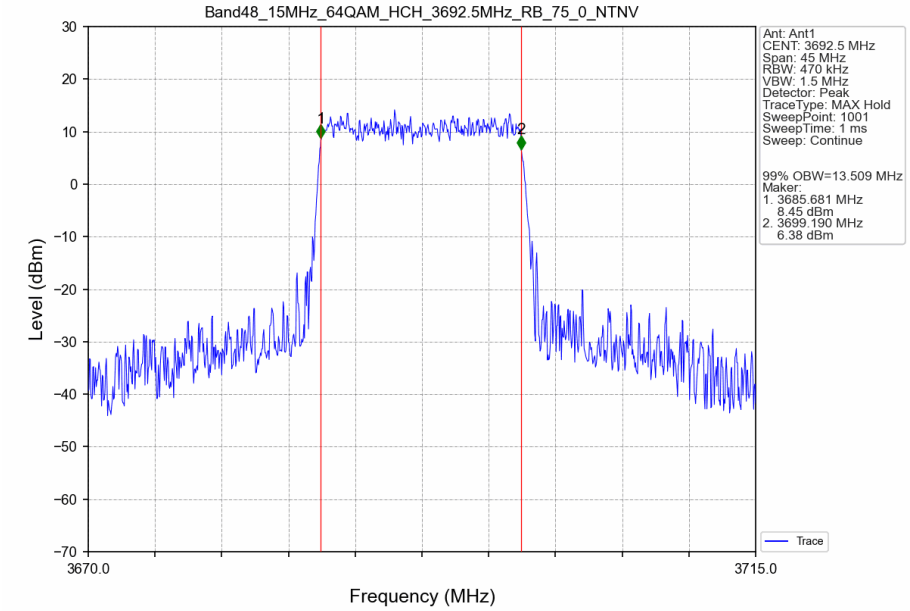
Band48_15MHz_16QAM_HCH_3692.5MHz_RB_75_0_NTNV



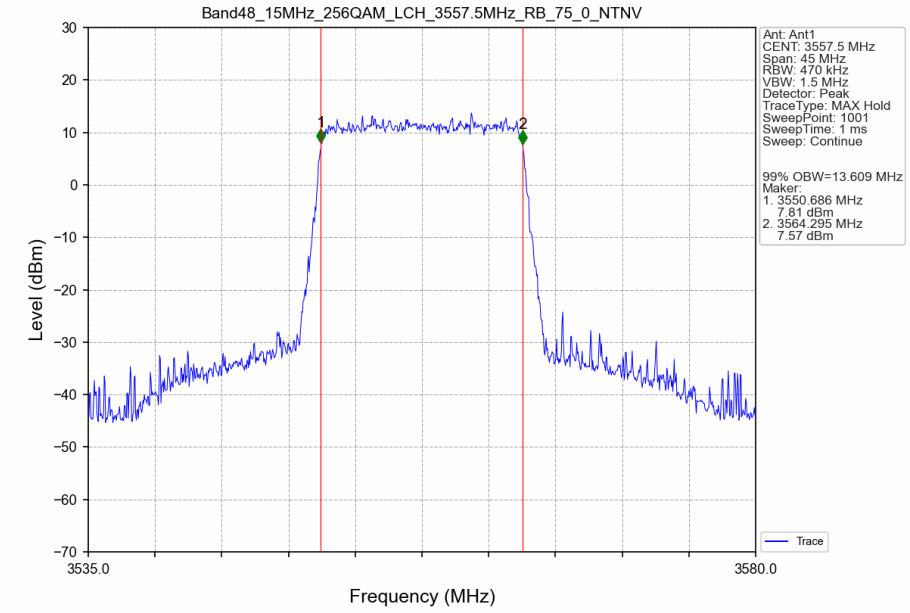
Band48_15MHz_64QAM_LCH_3557.5MHz_RB_75_0_NTNV


Band48_15MHz_64QAM_MCH_3625MHz_RB_75_0_NTNV


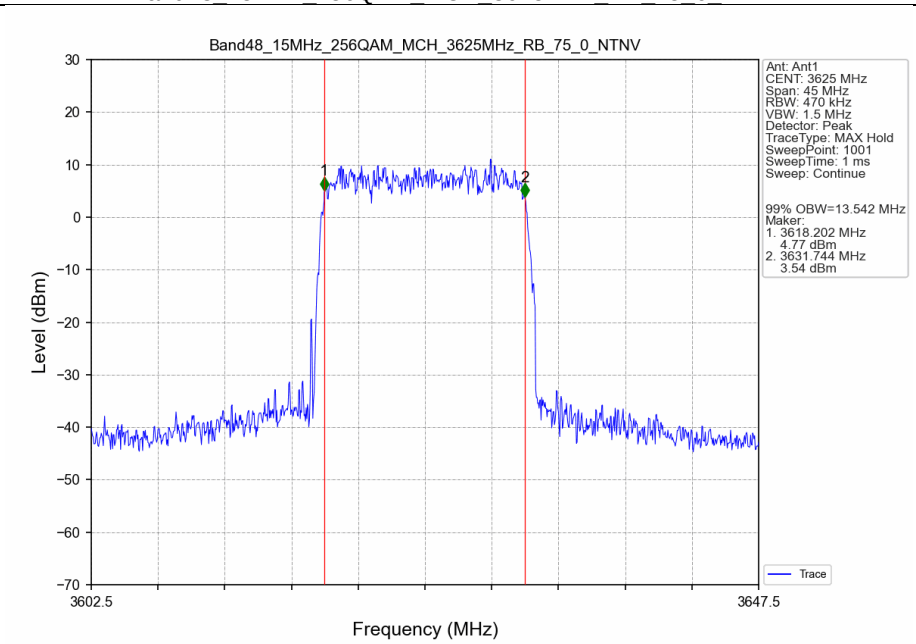
Band48_15MHz_64QAM_HCH_3692.5MHz_RB_75_0_NTNV



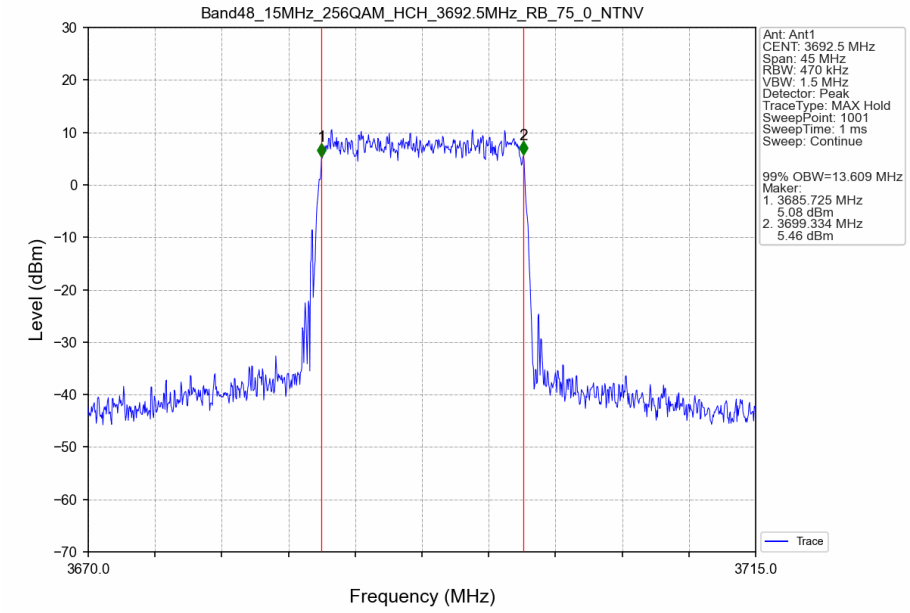
Band48_15MHz_256QAM_LCH_3557.5MHz_RB_75_0_NTNV



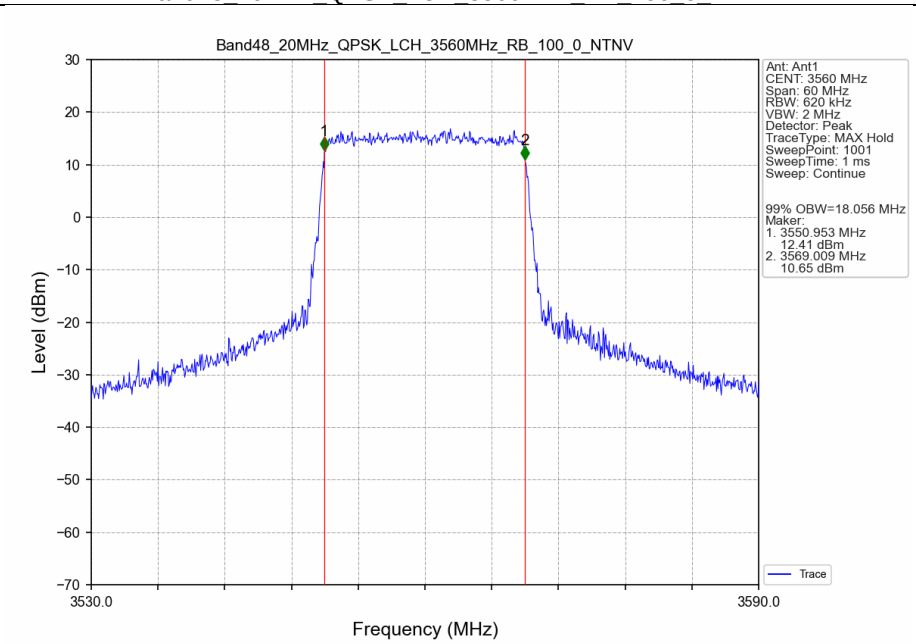
Band48_15MHz_256QAM_MCH_3625MHz_RB_75_0_NTNV



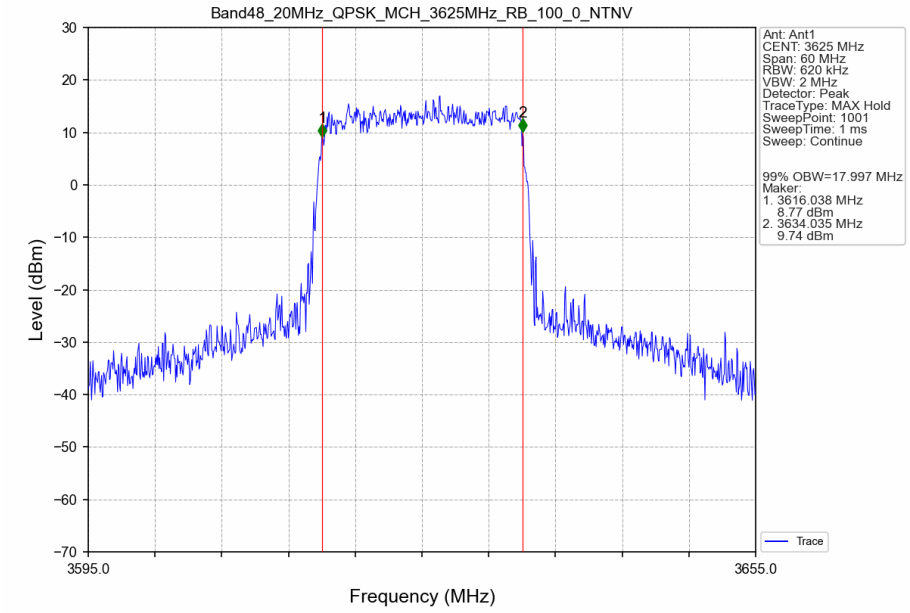
Band48_15MHz_256QAM_HCH_3692.5MHz_RB_75_0_NTNV

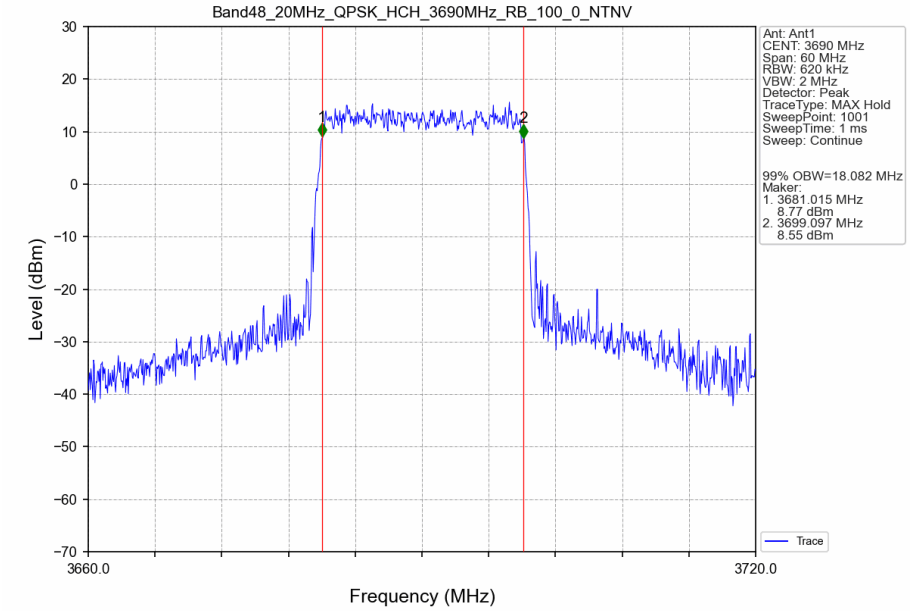


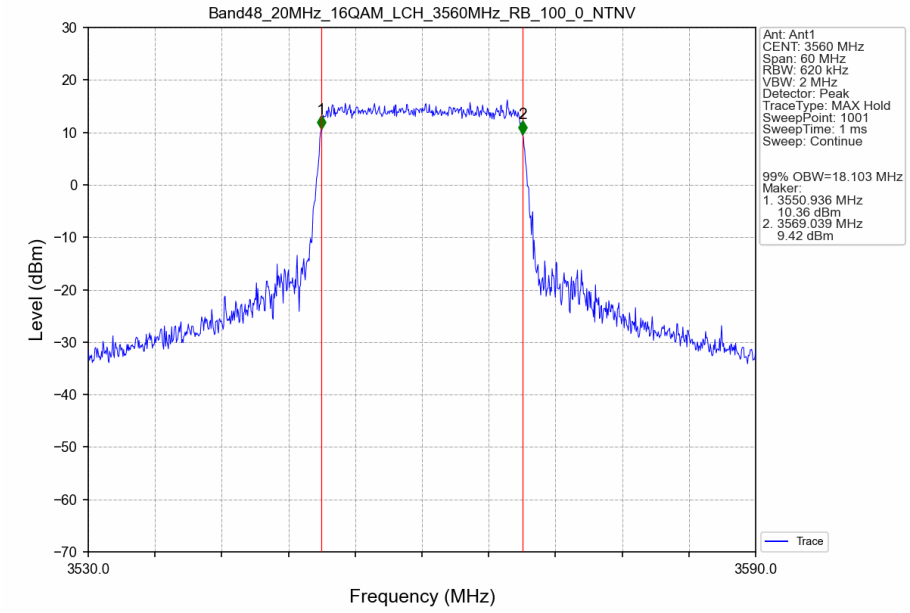
Band48_20MHz_QPSK_LCH_3560MHz_RB_100_0_NTNV



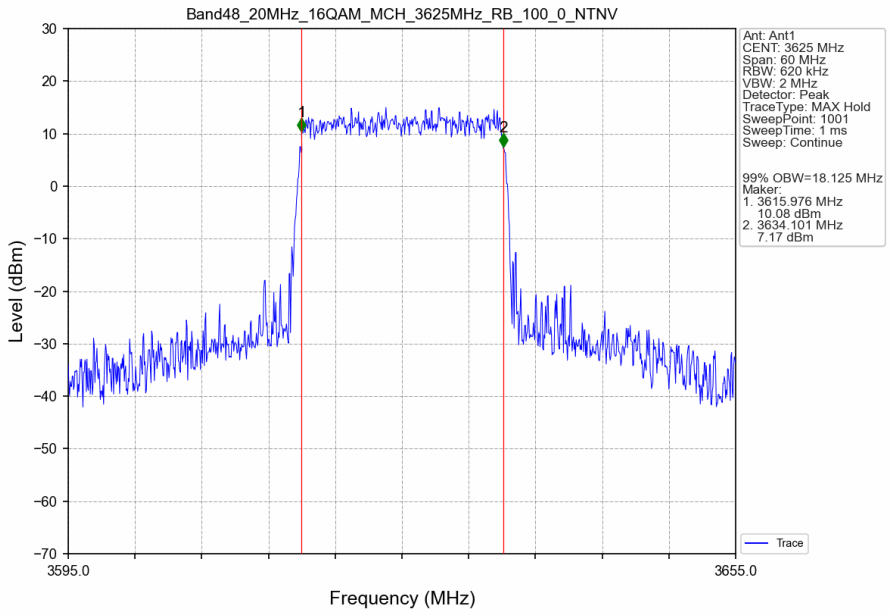
Band48_20MHz_QPSK_MCH_3625MHz_RB_100_0_NTNV



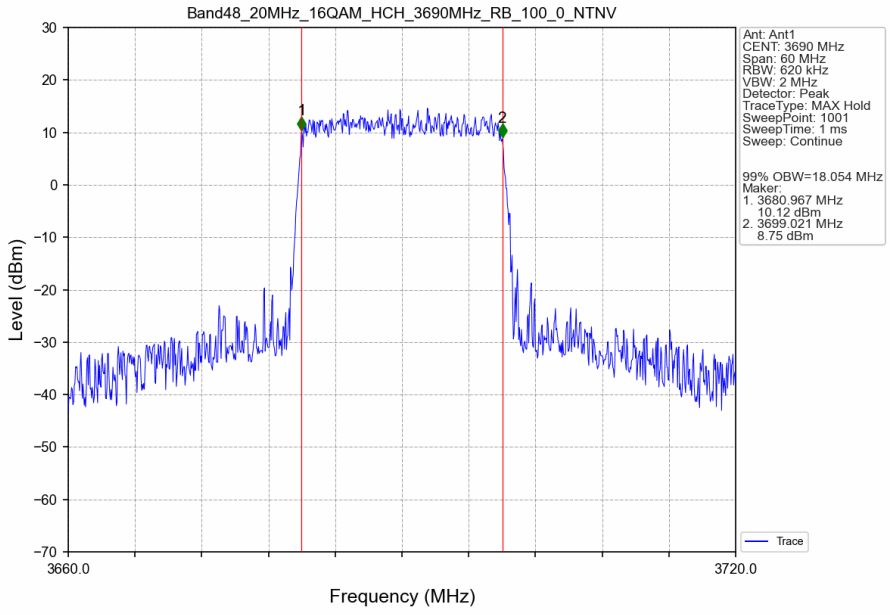
Band48_20MHz_QPSK_HCH_3690MHz_RB_100_0_NTNV


Band48_20MHz_16QAM_LCH_3560MHz_RB_100_0_NTNV


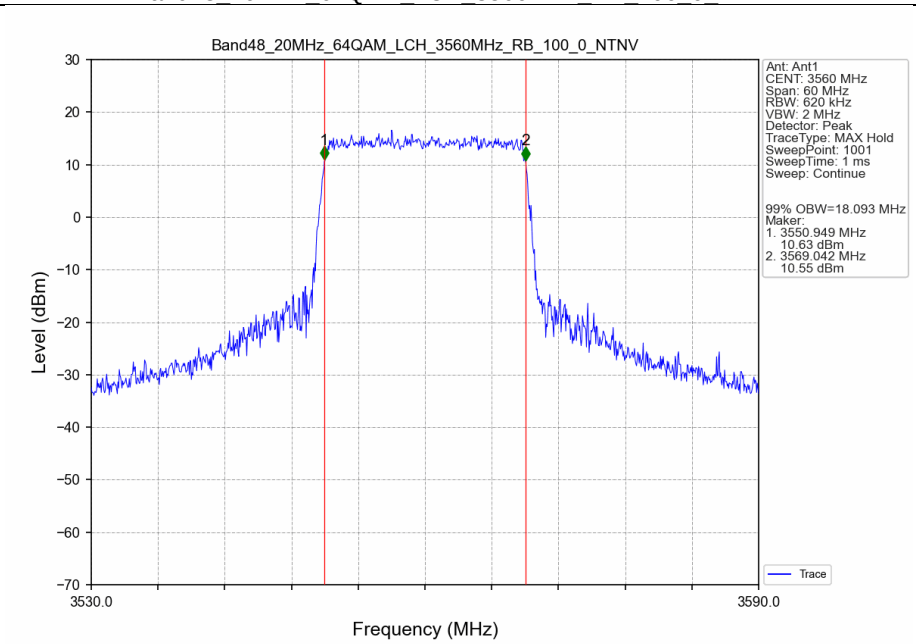
Band48_20MHz_16QAM_MCH_3625MHz_RB_100_0_NTNV



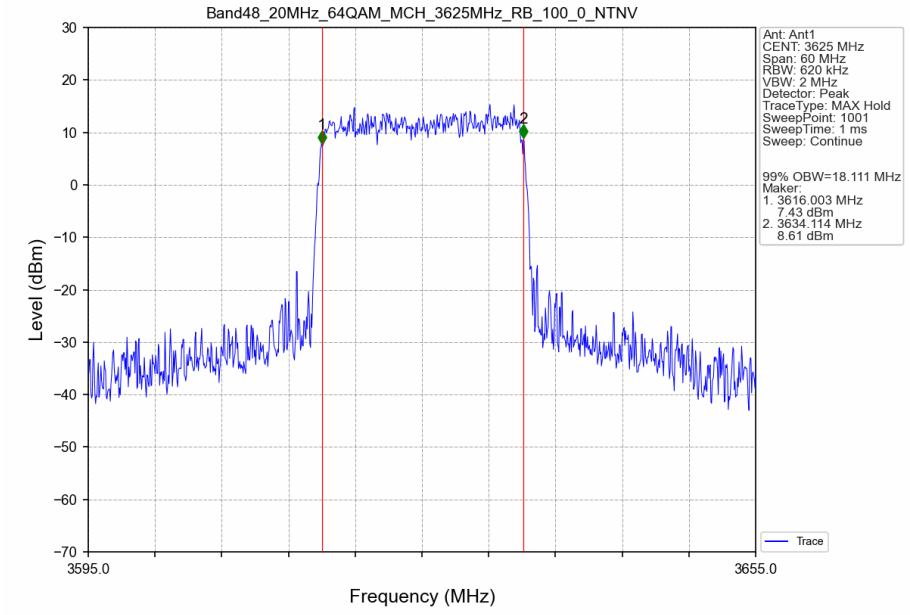
Band48_20MHz_16QAM_HCH_3690MHz_RB_100_0_NTNV



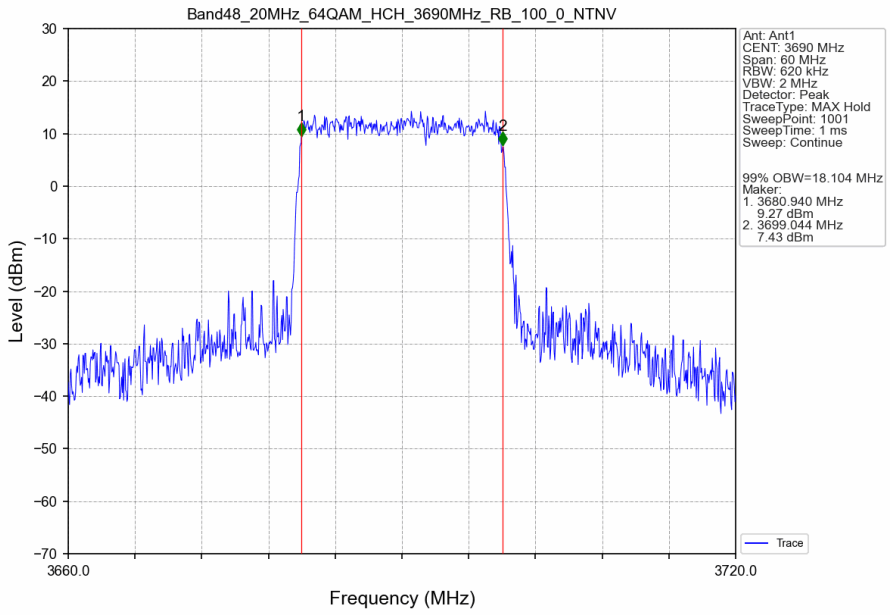
Band48_20MHz_64QAM_LCH_3560MHz_RB_100_0_NTNV



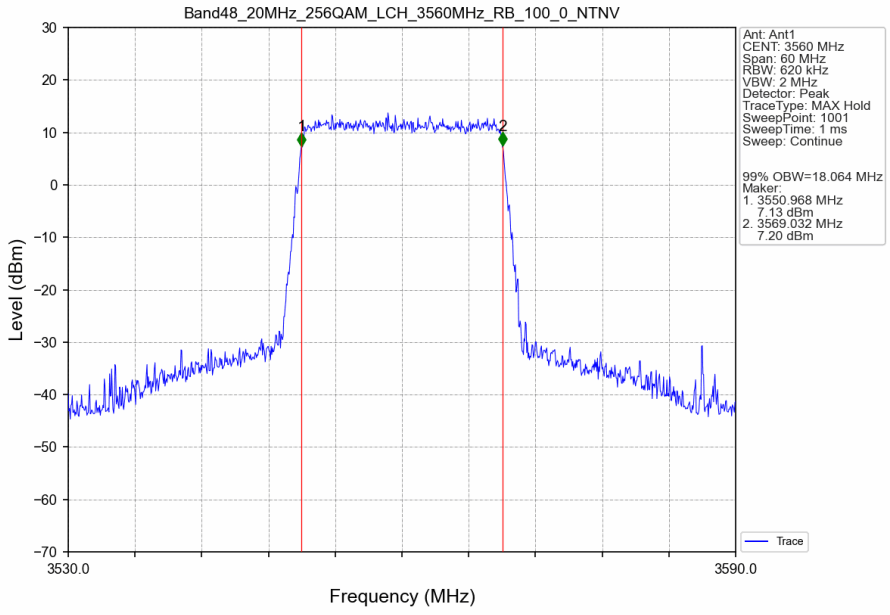
Band48_20MHz_64QAM_MCH_3625MHz_RB_100_0_NTNV



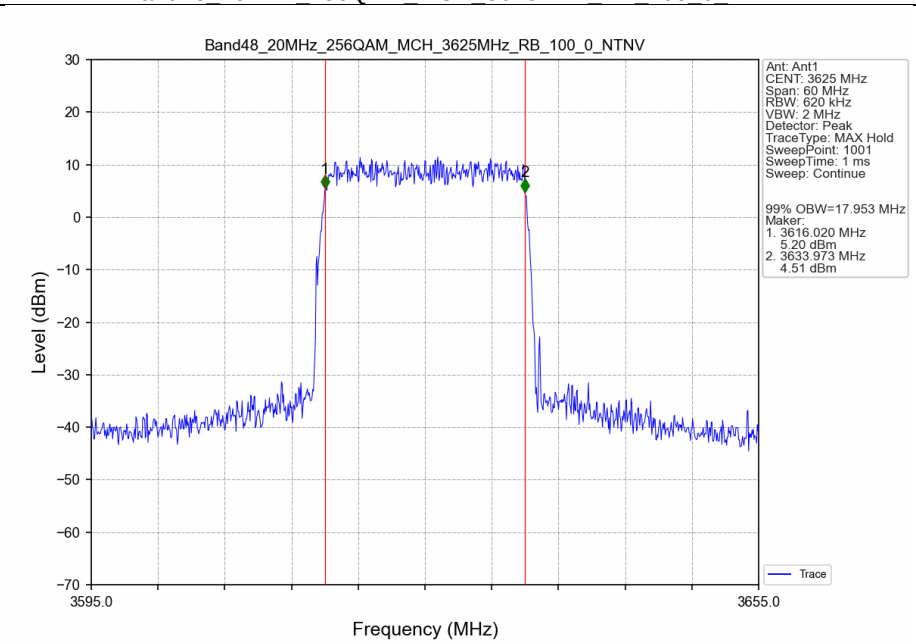
Band48_20MHz_64QAM_HCH_3690MHz_RB_100_0_NTNV



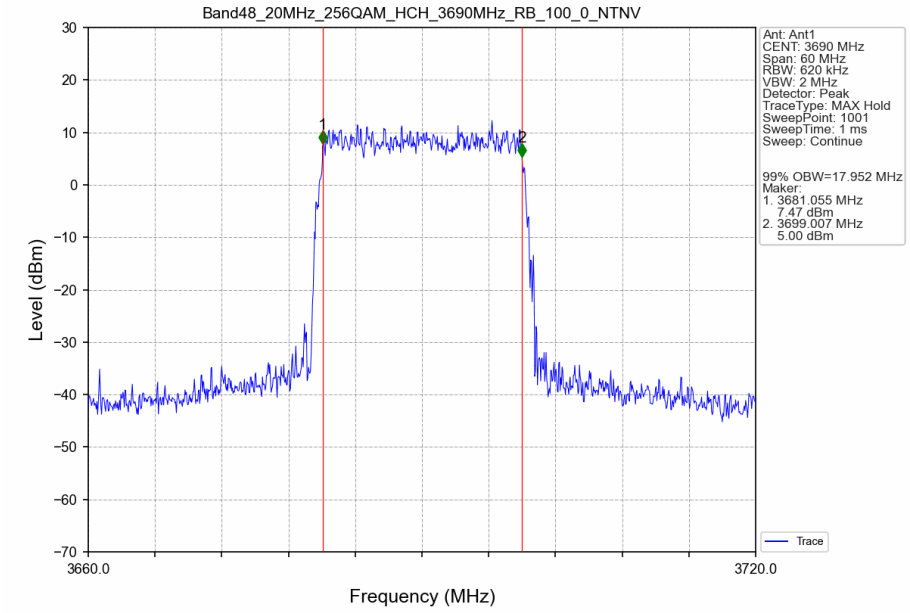
Band48_20MHz_256QAM_LCH_3560MHz_RB_100_0_NTNV



Band48_20MHz_256QAM_MCH_3625MHz_RB_100_0_NTNV

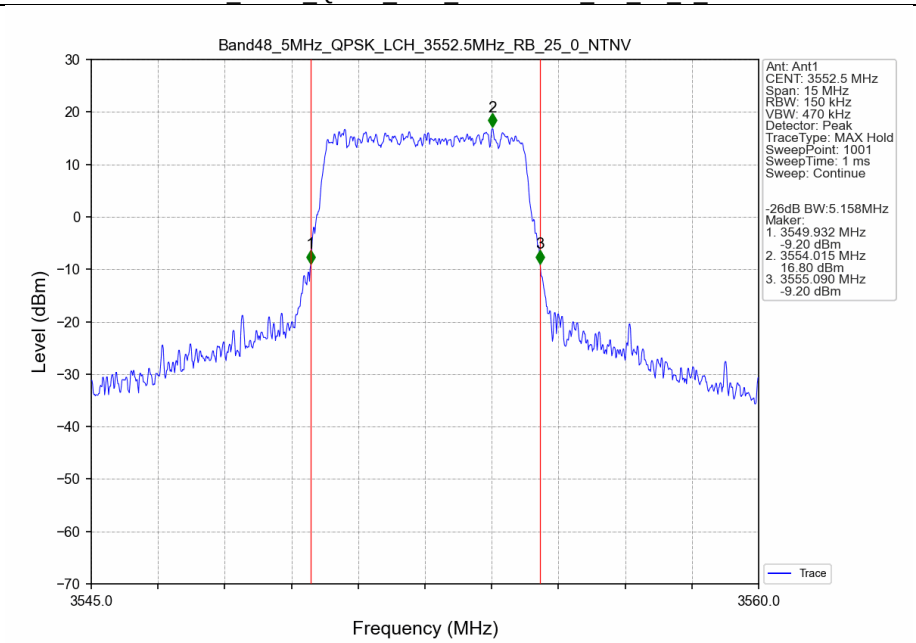


Band48_20MHz_256QAM_HCH_3690MHz_RB_100_0_NTNV

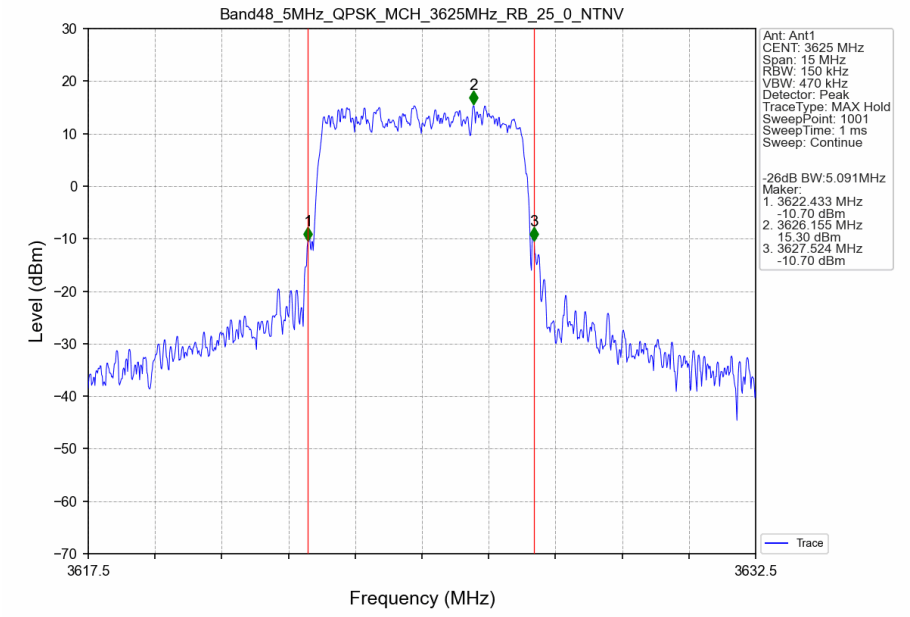


3.2.2 Band48_XDB

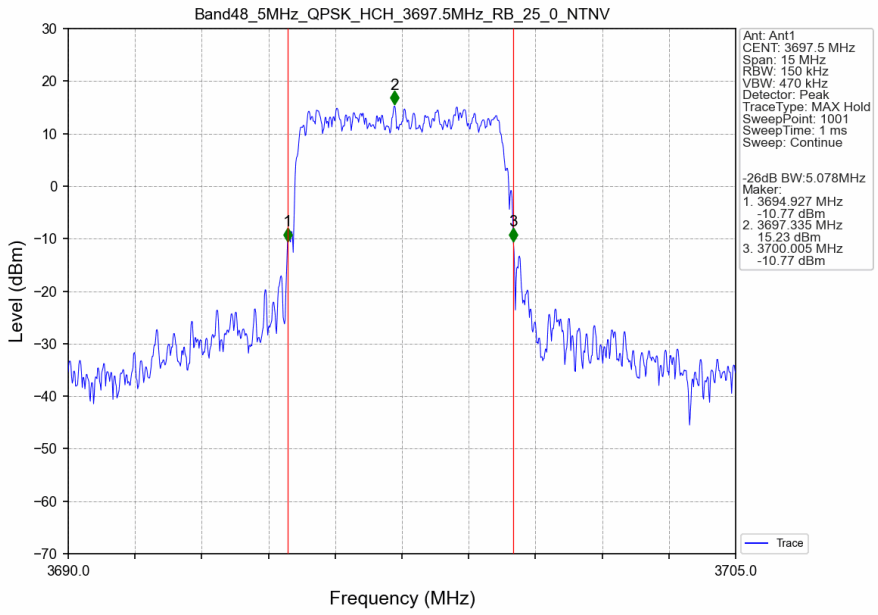
Band48_5MHz_QPSK_LCH_3552.5MHz_RB_25_0_NTNV



Band48_5MHz_QPSK_MCH_3625MHz_RB_25_0_NTNV



Band48_5MHz_QPSK_HCH_3697.5MHz_RB_25_0_NTNV



Band48_5MHz_16QAM_LCH_3552.5MHz_RB_25_0_NTNV