

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	20.89	-1.10	19.79	/	Pass
			13	20.91	-1.10	19.81	/	Pass
			24	20.91	-1.10	19.81	/	Pass
		12	0	20.01	-1.10	18.91	/	Pass
			6	20.00	-1.10	18.90	/	Pass
			13	19.99	-1.10	18.89	/	Pass
		25	0	19.99	-1.10	18.89	/	Pass
	3625	1	0	20.90	-1.10	19.80	/	Pass
			13	20.86	-1.10	19.76	/	Pass
			24	20.89	-1.10	19.79	/	Pass
		12	0	20.03	-1.10	18.93	/	Pass
			6	20.03	-1.10	18.93	/	Pass
			13	19.83	-1.10	18.73	/	Pass
		25	0	20.03	-1.10	18.93	/	Pass
	3697.5	1	0	20.62	-1.10	19.52	/	Pass
			13	20.61	-1.10	19.51	/	Pass
			24	20.66	-1.10	19.56	/	Pass
		12	0	19.74	-1.10	18.64	/	Pass
			6	19.75	-1.10	18.65	/	Pass
			13	19.76	-1.10	18.66	/	Pass
		25	0	19.61	-1.10	18.51	/	Pass
16QAM	3552.5	1	0	20.05	-1.10	18.95	/	Pass
			13	20.03	-1.10	18.93	/	Pass
			24	19.99	-1.10	18.89	/	Pass
		12	0	18.97	-1.10	17.87	/	Pass
			6	18.94	-1.10	17.84	/	Pass
			13	18.92	-1.10	17.82	/	Pass
		25	0	19.00	-1.10	17.90	/	Pass
	3625	1	0	20.09	-1.10	18.99	/	Pass
			13	20.04	-1.10	18.94	/	Pass
			24	20.04	-1.10	18.94	/	Pass
		12	0	18.98	-1.10	17.88	/	Pass
			6	18.96	-1.10	17.86	/	Pass
			13	18.96	-1.10	17.86	/	Pass
		25	0	19.01	-1.10	17.91	/	Pass
	3697.5	1	0	19.78	-1.10	18.68	/	Pass
			13	19.81	-1.10	18.71	/	Pass
			24	19.86	-1.10	18.76	/	Pass
		12	0	18.69	-1.10	17.59	/	Pass
			6	18.68	-1.10	17.58	/	Pass
			13	18.71	-1.10	17.61	/	Pass
		25	0	18.75	-1.10	17.65	/	Pass
64QAM	3552.5	1	0	18.67	-1.10	17.57	/	Pass
			13	18.63	-1.10	17.53	/	Pass
			24	18.61	-1.10	17.51	/	Pass
		12	0	18.05	-1.10	16.95	/	Pass
			6	18.03	-1.10	16.93	/	Pass
			13	18.01	-1.10	16.91	/	Pass
		25	0	18.03	-1.10	16.93	/	Pass

	3625	1	0	18.70	-1.10	17.60	/	Pass
			13	18.64	-1.10	17.54	/	Pass
			24	18.63	-1.10	17.53	/	Pass
		12	0	18.06	-1.10	16.96	/	Pass
			6	18.03	-1.10	16.93	/	Pass
			13	18.02	-1.10	16.92	/	Pass
		25	0	18.05	-1.10	16.95	/	Pass
	3697.5	1	0	18.34	-1.10	17.24	/	Pass
			13	18.38	-1.10	17.28	/	Pass
			24	18.40	-1.10	17.30	/	Pass
		12	0	17.75	-1.10	16.65	/	Pass
			6	17.76	-1.10	16.66	/	Pass
			13	17.78	-1.10	16.68	/	Pass
		25	0	17.77	-1.10	16.67	/	Pass
256QAM	3552.5	1	0	15.83	-1.10	14.73	/	Pass
			13	15.78	-1.10	14.68	/	Pass
			24	15.76	-1.10	14.66	/	Pass
		12	0	16.08	-1.10	14.98	/	Pass
			6	16.06	-1.10	14.96	/	Pass
			13	16.06	-1.10	14.96	/	Pass
		25	0	16.01	-1.10	14.91	/	Pass
	3625	1	0	15.83	-1.10	14.73	/	Pass
			13	15.79	-1.10	14.69	/	Pass
			24	15.77	-1.10	14.67	/	Pass
		12	0	16.08	-1.10	14.98	/	Pass
			6	16.07	-1.10	14.97	/	Pass
			13	16.05	-1.10	14.95	/	Pass
		25	0	16.01	-1.10	14.91	/	Pass
	3697.5	1	0	15.50	-1.10	14.40	/	Pass
			13	15.53	-1.10	14.43	/	Pass
			24	15.53	-1.10	14.43	/	Pass
		12	0	15.77	-1.10	14.67	/	Pass
			6	15.79	-1.10	14.69	/	Pass
			13	15.82	-1.10	14.72	/	Pass
		25	0	15.76	-1.10	14.66	/	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	21.47	-1.10	20.37	<=23	Pass
			13	20.70	-1.10	19.60	<=23	Pass
			24	20.64	-1.10	19.54	<=23	Pass
		12	0	20.10	-1.10	19.00	<=23	Pass
			6	19.94	-1.10	18.84	<=23	Pass
			13	19.99	-1.10	18.89	<=23	Pass
		25	0	20.84	-1.10	19.74	<=23	Pass
	3625	1	0	20.91	-1.10	19.81	<=23	Pass
			13	20.56	-1.10	19.46	<=23	Pass
			24	20.89	-1.10	19.79	<=23	Pass
		12	0	19.71	-1.10	18.61	<=23	Pass
			6	20.09	-1.10	18.99	<=23	Pass
			13	19.59	-1.10	18.49	<=23	Pass
		25	0	20.07	-1.10	18.97	<=23	Pass
	3697.5	1	0	20.63	-1.10	19.53	<=23	Pass

		12	13	21.18	-1.10	20.08	<=23	Pass
			24	20.17	-1.10	19.07	<=23	Pass
			0	19.72	-1.10	18.62	<=23	Pass
			6	19.96	-1.10	18.86	<=23	Pass
			13	19.68	-1.10	18.58	<=23	Pass
16QAM	3552.5	1	0	19.76	-1.10	18.66	<=23	Pass
			0	19.91	-1.10	18.81	<=23	Pass
			13	20.11	-1.10	19.01	<=23	Pass
		12	24	20.42	-1.10	19.32	<=23	Pass
			0	19.46	-1.10	18.36	<=23	Pass
			6	19.23	-1.10	18.13	<=23	Pass
			13	19.02	-1.10	17.92	<=23	Pass
		25	0	19.44	-1.10	18.34	<=23	Pass
			0	19.79	-1.10	18.69	<=23	Pass
	3625	1	13	19.22	-1.10	18.12	<=23	Pass
			24	20.00	-1.10	18.90	<=23	Pass
			0	18.60	-1.10	17.50	<=23	Pass
		12	6	19.20	-1.10	18.10	<=23	Pass
			13	18.47	-1.10	17.37	<=23	Pass
			0	19.18	-1.10	18.08	<=23	Pass
		25	0	18.99	-1.10	17.89	<=23	Pass
			13	20.16	-1.10	19.06	<=23	Pass
			24	19.67	-1.10	18.57	<=23	Pass
64QAM	3552.5	1	0	18.68	-1.10	17.58	<=23	Pass
			6	19.05	-1.10	17.95	<=23	Pass
			13	18.39	-1.10	17.29	<=23	Pass
		12	0	19.10	-1.10	18.00	<=23	Pass
			0	19.27	-1.10	18.17	<=23	Pass
			13	19.45	-1.10	18.35	<=23	Pass
		25	24	19.66	-1.10	18.56	<=23	Pass
			0	18.64	-1.10	17.54	<=23	Pass
			6	18.39	-1.10	17.29	<=23	Pass
256QAM	3552.5	1	13	17.95	-1.10	16.85	<=23	Pass
			0	18.17	-1.10	17.07	<=23	Pass
			24	18.50	-1.10	17.40	<=23	Pass
		12	0	18.50	-1.10	17.40	<=23	Pass
			13	19.15	-1.10	18.05	<=23	Pass
			24	18.56	-1.10	17.46	<=23	Pass
		25	0	18.20	-1.10	17.10	<=23	Pass
			6	18.14	-1.10	17.04	<=23	Pass
			13	17.39	-1.10	16.29	<=23	Pass
256QAM	3552.5	1	0	18.03	-1.10	16.93	<=23	Pass
			0	18.29	-1.10	17.19	<=23	Pass
			13	18.86	-1.10	17.76	<=23	Pass
		12	24	19.00	-1.10	17.90	<=23	Pass
			0	17.55	-1.10	16.45	<=23	Pass
			6	18.25	-1.10	17.15	<=23	Pass
		25	13	17.48	-1.10	16.38	<=23	Pass
			0	18.03	-1.10	16.93	<=23	Pass
			0	15.68	-1.10	14.58	<=23	Pass
256QAM	3552.5	1	13	16.35	-1.10	15.25	<=23	Pass
			24	15.95	-1.10	14.85	<=23	Pass
			0	16.42	-1.10	15.32	<=23	Pass
		12	6	16.74	-1.10	15.64	<=23	Pass
			13	16.34	-1.10	15.24	<=23	Pass
		25	0	16.03	-1.10	14.93	<=23	Pass
	3625	1	0	15.71	-1.10	14.61	<=23	Pass
			13	16.18	-1.10	15.08	<=23	Pass
			24	15.72	-1.10	14.62	<=23	Pass
	3625	12	0	15.81	-1.10	14.71	<=23	Pass

			6	15.98	-1.10	14.88	<=23	Pass
			13	15.77	-1.10	14.67	<=23	Pass
		25	0	16.05	-1.10	14.95	<=23	Pass
	3697.5	1	0	15.89	-1.10	14.79	<=23	Pass
			13	16.45	-1.10	15.35	<=23	Pass
			24	15.92	-1.10	14.82	<=23	Pass
		12	0	15.94	-1.10	14.84	<=23	Pass
			6	15.94	-1.10	14.84	<=23	Pass
			13	15.36	-1.10	14.26	<=23	Pass
		25	0	16.24	-1.10	15.14	<=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	20.99	-1.10	19.89	/	Pass
			25	20.96	-1.10	19.86	/	Pass
			49	20.95	-1.10	19.85	/	Pass
		25	0	19.93	-1.10	18.83	/	Pass
			13	19.98	-1.10	18.88	/	Pass
			25	19.73	-1.10	18.63	/	Pass
		50	0	19.98	-1.10	18.88	/	Pass
	3625	1	0	20.95	-1.10	19.85	/	Pass
			25	20.93	-1.10	19.83	/	Pass
			49	20.96	-1.10	19.86	/	Pass
		25	0	20.00	-1.10	18.90	/	Pass
			13	20.04	-1.10	18.94	/	Pass
			25	19.96	-1.10	18.86	/	Pass
		50	0	20.04	-1.10	18.94	/	Pass
	3695	1	0	20.60	-1.10	19.50	/	Pass
			25	20.64	-1.10	19.54	/	Pass
			49	20.70	-1.10	19.60	/	Pass
		25	0	19.69	-1.10	18.59	/	Pass
			13	19.72	-1.10	18.62	/	Pass
			25	19.77	-1.10	18.67	/	Pass
		50	0	19.45	-1.10	18.35	/	Pass
16QAM	3555	1	0	20.09	-1.10	18.99	/	Pass
			25	20.01	-1.10	18.91	/	Pass
			49	19.99	-1.10	18.89	/	Pass
		25	0	18.99	-1.10	17.89	/	Pass
			13	18.98	-1.10	17.88	/	Pass
			25	18.94	-1.10	17.84	/	Pass
		50	0	19.00	-1.10	17.90	/	Pass
	3625	1	0	20.12	-1.10	19.02	/	Pass
			25	20.08	-1.10	18.98	/	Pass
			49	20.11	-1.10	19.01	/	Pass
		25	0	18.98	-1.10	17.88	/	Pass
			13	19.01	-1.10	17.91	/	Pass
			25	18.98	-1.10	17.88	/	Pass
		50	0	19.04	-1.10	17.94	/	Pass
	3695	1	0	19.56	-1.10	18.46	/	Pass
			25	19.78	-1.10	18.68	/	Pass
			49	19.79	-1.10	18.69	/	Pass
		25	0	18.66	-1.10	17.56	/	Pass
			13	18.70	-1.10	17.60	/	Pass

			25	18.74	-1.10	17.64	/	Pass	
		50	0	18.74	-1.10	17.64	/	Pass	
64QAM	3555	1	0	18.71	-1.10	17.61	/	Pass	
			25	18.63	-1.10	17.53	/	Pass	
			49	18.59	-1.10	17.49	/	Pass	
			0	18.02	-1.10	16.92	/	Pass	
		25	13	18.00	-1.10	16.90	/	Pass	
			25	17.97	-1.10	16.87	/	Pass	
			50	0	17.97	-1.10	16.87	/	Pass
		3625	1	0	18.70	-1.10	17.60	/	Pass
				25	18.62	-1.10	17.52	/	Pass
	49			18.69	-1.10	17.59	/	Pass	
	0			18.02	-1.10	16.92	/	Pass	
	25		13	18.06	-1.10	16.96	/	Pass	
			25	18.02	-1.10	16.92	/	Pass	
	50		0	18.03	-1.10	16.93	/	Pass	
	3695	1	0	18.28	-1.10	17.18	/	Pass	
			25	18.34	-1.10	17.24	/	Pass	
			49	18.43	-1.10	17.33	/	Pass	
			0	17.68	-1.10	16.58	/	Pass	
		25	13	17.72	-1.10	16.62	/	Pass	
			25	17.76	-1.10	16.66	/	Pass	
			50	0	17.69	-1.10	16.59	/	Pass
256QAM		3555	1	0	15.88	-1.10	14.78	/	Pass
	25			15.79	-1.10	14.69	/	Pass	
	49			15.74	-1.10	14.64	/	Pass	
	25		0	15.99	-1.10	14.89	/	Pass	
			13	15.96	-1.10	14.86	/	Pass	
			25	15.96	-1.10	14.86	/	Pass	
	50		0	16.03	-1.10	14.93	/	Pass	
	3625	1	0	15.88	-1.10	14.78	/	Pass	
			25	15.82	-1.10	14.72	/	Pass	
			49	15.88	-1.10	14.78	/	Pass	
		25	0	16.01	-1.10	14.91	/	Pass	
			13	16.01	-1.10	14.91	/	Pass	
			25	15.99	-1.10	14.89	/	Pass	
	50	0	16.06	-1.10	14.96	/	Pass		
	3695	1	0	15.43	-1.10	14.33	/	Pass	
			25	15.49	-1.10	14.39	/	Pass	
			49	15.57	-1.10	14.47	/	Pass	
		25	0	15.64	-1.10	14.54	/	Pass	
			13	15.68	-1.10	14.58	/	Pass	
			25	15.72	-1.10	14.62	/	Pass	
		50	0	15.73	-1.10	14.63	/	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	21.23	-1.10	20.13	<=23	Pass
			25	21.37	-1.10	20.27	<=23	Pass
			49	21.46	-1.10	20.36	<=23	Pass
		25	0	20.14	-1.10	19.04	<=23	Pass
			13	19.79	-1.10	18.69	<=23	Pass
			25	20.14	-1.10	19.04	<=23	Pass

		50	0	20.26	-1.10	19.16	<=23	Pass	
	3625	1	0	20.55	-1.10	19.45	<=23	Pass	
			25	20.62	-1.10	19.52	<=23	Pass	
			49	20.73	-1.10	19.63	<=23	Pass	
			0	20.01	-1.10	18.91	<=23	Pass	
		25	13	19.82	-1.10	18.72	<=23	Pass	
			25	19.82	-1.10	18.72	<=23	Pass	
			50	0	19.52	-1.10	18.42	<=23	Pass
	3695	1	0	20.36	-1.10	19.26	<=23	Pass	
			25	20.88	-1.10	19.78	<=23	Pass	
			49	20.90	-1.10	19.80	<=23	Pass	
			0	19.72	-1.10	18.62	<=23	Pass	
		25	13	19.23	-1.10	18.13	<=23	Pass	
			25	20.03	-1.10	18.93	<=23	Pass	
			50	0	19.77	-1.10	18.67	<=23	Pass
	16QAM	3555	1	0	20.12	-1.10	19.02	<=23	Pass
25				19.78	-1.10	18.68	<=23	Pass	
49				20.13	-1.10	19.03	<=23	Pass	
25			0	19.66	-1.10	18.56	<=23	Pass	
			13	19.45	-1.10	18.35	<=23	Pass	
			25	19.10	-1.10	18.00	<=23	Pass	
50			0	19.37	-1.10	18.27	<=23	Pass	
3625		1	0	19.86	-1.10	18.76	<=23	Pass	
			25	20.02	-1.10	18.92	<=23	Pass	
			49	19.85	-1.10	18.75	<=23	Pass	
		25	0	19.01	-1.10	17.91	<=23	Pass	
			13	18.96	-1.10	17.86	<=23	Pass	
			25	18.75	-1.10	17.65	<=23	Pass	
		50	0	18.48	-1.10	17.38	<=23	Pass	
3695		1	0	19.51	-1.10	18.41	<=23	Pass	
			25	19.94	-1.10	18.84	<=23	Pass	
			49	20.05	-1.10	18.95	<=23	Pass	
		25	0	18.38	-1.10	17.28	<=23	Pass	
			13	18.91	-1.10	17.81	<=23	Pass	
			25	18.72	-1.10	17.62	<=23	Pass	
		50	0	18.61	-1.10	17.51	<=23	Pass	
64QAM		3555	1	0	19.09	-1.10	17.99	<=23	Pass
				25	19.16	-1.10	18.06	<=23	Pass
				49	18.79	-1.10	17.69	<=23	Pass
	25		0	17.75	-1.10	16.65	<=23	Pass	
			13	18.37	-1.10	17.27	<=23	Pass	
			25	18.59	-1.10	17.49	<=23	Pass	
	50		0	18.50	-1.10	17.40	<=23	Pass	
	3625	1	0	18.90	-1.10	17.80	<=23	Pass	
			25	18.77	-1.10	17.67	<=23	Pass	
			49	18.73	-1.10	17.63	<=23	Pass	
		25	0	18.03	-1.10	16.93	<=23	Pass	
			13	17.91	-1.10	16.81	<=23	Pass	
			25	17.80	-1.10	16.70	<=23	Pass	
		50	0	17.56	-1.10	16.46	<=23	Pass	
	3695	1	0	18.87	-1.10	17.77	<=23	Pass	
			25	19.11	-1.10	18.01	<=23	Pass	
			49	18.77	-1.10	17.67	<=23	Pass	
		25	0	17.50	-1.10	16.40	<=23	Pass	
			13	17.77	-1.10	16.67	<=23	Pass	
			25	18.03	-1.10	16.93	<=23	Pass	
		50	0	17.40	-1.10	16.30	<=23	Pass	
	256QAM	3555	1	0	16.19	-1.10	15.09	<=23	Pass
				25	15.91	-1.10	14.81	<=23	Pass

			49	16.24	-1.10	15.14	<=23	Pass
		25	0	16.34	-1.10	15.24	<=23	Pass
			13	16.36	-1.10	15.26	<=23	Pass
			25	15.80	-1.10	14.70	<=23	Pass
		50	0	16.33	-1.10	15.23	<=23	Pass
	3625	1	0	15.75	-1.10	14.65	<=23	Pass
			25	15.54	-1.10	14.44	<=23	Pass
			49	16.22	-1.10	15.12	<=23	Pass
		25	0	15.97	-1.10	14.87	<=23	Pass
			13	15.73	-1.10	14.63	<=23	Pass
			25	15.65	-1.10	14.55	<=23	Pass
		50	0	15.92	-1.10	14.82	<=23	Pass
	3695	1	0	15.88	-1.10	14.78	<=23	Pass
			25	15.71	-1.10	14.61	<=23	Pass
			49	15.79	-1.10	14.69	<=23	Pass
		25	0	15.52	-1.10	14.42	<=23	Pass
			13	15.68	-1.10	14.58	<=23	Pass
			25	16.15	-1.10	15.05	<=23	Pass
		50	0	15.57	-1.10	14.47	<=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	20.95	-1.10	19.85	/	Pass
			38	20.95	-1.10	19.85	/	Pass
			74	20.91	-1.10	19.81	/	Pass
		36	0	19.92	-1.10	18.82	/	Pass
			18	19.91	-1.10	18.81	/	Pass
			39	19.86	-1.10	18.76	/	Pass
		75	0	19.91	-1.10	18.81	/	Pass
	3625	1	0	20.90	-1.10	19.80	/	Pass
			38	20.88	-1.10	19.78	/	Pass
			74	20.89	-1.10	19.79	/	Pass
		36	0	19.95	-1.10	18.85	/	Pass
			18	19.95	-1.10	18.85	/	Pass
			39	19.83	-1.10	18.73	/	Pass
		75	0	19.96	-1.10	18.86	/	Pass
	3692.5	1	0	20.52	-1.10	19.42	/	Pass
			38	20.55	-1.10	19.45	/	Pass
			74	20.63	-1.10	19.53	/	Pass
		36	0	19.56	-1.10	18.46	/	Pass
			18	19.62	-1.10	18.52	/	Pass
			39	19.66	-1.10	18.56	/	Pass
		75	0	19.65	-1.10	18.55	/	Pass
16QAM	3557.5	1	0	19.97	-1.10	18.87	/	Pass
			38	19.97	-1.10	18.87	/	Pass
			74	19.97	-1.10	18.87	/	Pass
		36	0	18.88	-1.10	17.78	/	Pass
			18	18.88	-1.10	17.78	/	Pass
			39	18.82	-1.10	17.72	/	Pass
		75	0	18.94	-1.10	17.84	/	Pass
	3625	1	0	19.82	-1.10	18.72	/	Pass
			38	20.03	-1.10	18.93	/	Pass
			74	20.01	-1.10	18.91	/	Pass

		36	0	18.88	-1.10	17.78	/	Pass		
			18	18.93	-1.10	17.83	/	Pass		
			39	18.86	-1.10	17.76	/	Pass		
		3692.5	75	0	18.95	-1.10	17.85	/	Pass	
				1	0	19.47	-1.10	18.37	/	Pass
					38	19.71	-1.10	18.61	/	Pass
			74		19.80	-1.10	18.70	/	Pass	
			36	0	18.53	-1.10	17.43	/	Pass	
				18	18.58	-1.10	17.48	/	Pass	
39	18.62			-1.10	17.52	/	Pass			
75	0		18.68	-1.10	17.58	/	Pass			
64QAM	3557.5		1	0	18.61	-1.10	17.51	/	Pass	
		38		18.57	-1.10	17.47	/	Pass		
		74		18.55	-1.10	17.45	/	Pass		
		36	0	17.91	-1.10	16.81	/	Pass		
			18	17.87	-1.10	16.77	/	Pass		
			39	17.83	-1.10	16.73	/	Pass		
		75	0	17.93	-1.10	16.83	/	Pass		
		3625	1	0	18.65	-1.10	17.55	/	Pass	
				38	18.60	-1.10	17.50	/	Pass	
	74			18.59	-1.10	17.49	/	Pass		
	36		0	17.94	-1.10	16.84	/	Pass		
			18	17.92	-1.10	16.82	/	Pass		
			39	17.88	-1.10	16.78	/	Pass		
	75		0	17.96	-1.10	16.86	/	Pass		
	3692.5		1	0	18.25	-1.10	17.15	/	Pass	
				38	18.29	-1.10	17.19	/	Pass	
		74		18.39	-1.10	17.29	/	Pass		
		36	0	17.54	-1.10	16.44	/	Pass		
			18	17.59	-1.10	16.49	/	Pass		
			39	17.65	-1.10	16.55	/	Pass		
		75	0	17.68	-1.10	16.58	/	Pass		
		256QAM	3557.5	1	0	15.80	-1.10	14.70	/	Pass
					38	15.65	-1.10	14.55	/	Pass
	74				15.70	-1.10	14.60	/	Pass	
	36			0	15.90	-1.10	14.80	/	Pass	
				18	15.90	-1.10	14.80	/	Pass	
				39	15.85	-1.10	14.75	/	Pass	
75	0			15.93	-1.10	14.83	/	Pass		
3625	1			0	15.82	-1.10	14.72	/	Pass	
				38	15.78	-1.10	14.68	/	Pass	
			74	15.75	-1.10	14.65	/	Pass		
	36		0	15.95	-1.10	14.85	/	Pass		
			18	15.95	-1.10	14.85	/	Pass		
			39	15.89	-1.10	14.79	/	Pass		
	75		0	15.98	-1.10	14.88	/	Pass		
	3692.5		1	0	15.39	-1.10	14.29	/	Pass	
				38	15.43	-1.10	14.33	/	Pass	
74				15.54	-1.10	14.44	/	Pass		
36			0	15.58	-1.10	14.48	/	Pass		
		18	15.65	-1.10	14.55	/	Pass			
		39	15.67	-1.10	14.57	/	Pass			
75		0	15.68	-1.10	14.58	/	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	21.52	-1.10	20.42	<=23	Pass
			38	20.97	-1.10	19.87	<=23	Pass
			74	20.81	-1.10	19.71	<=23	Pass
		36	0	20.38	-1.10	19.28	<=23	Pass
			18	20.31	-1.10	19.21	<=23	Pass
			39	20.14	-1.10	19.04	<=23	Pass
		75	0	18.30	-1.10	17.20	<=23	Pass
	3625	1	0	20.31	-1.10	19.21	<=23	Pass
			38	21.05	-1.10	19.95	<=23	Pass
			74	20.99	-1.10	19.89	<=23	Pass
		36	0	19.74	-1.10	18.64	<=23	Pass
			18	19.38	-1.10	18.28	<=23	Pass
			39	19.70	-1.10	18.60	<=23	Pass
		75	0	18.62	-1.10	17.52	<=23	Pass
	3692.5	1	0	20.75	-1.10	19.65	<=23	Pass
			38	20.25	-1.10	19.15	<=23	Pass
			74	20.39	-1.10	19.29	<=23	Pass
		36	0	19.81	-1.10	18.71	<=23	Pass
			18	19.45	-1.10	18.35	<=23	Pass
			39	19.74	-1.10	18.64	<=23	Pass
		75	0	18.55	-1.10	17.45	<=23	Pass
16QAM	3557.5	1	0	20.17	-1.10	19.07	<=23	Pass
			38	20.68	-1.10	19.58	<=23	Pass
			74	19.53	-1.10	18.43	<=23	Pass
		36	0	18.96	-1.10	17.86	<=23	Pass
			18	19.15	-1.10	18.05	<=23	Pass
			39	19.45	-1.10	18.35	<=23	Pass
		75	0	18.11	-1.10	17.01	<=23	Pass
	3625	1	0	19.13	-1.10	18.03	<=23	Pass
			38	19.56	-1.10	18.46	<=23	Pass
			74	19.93	-1.10	18.83	<=23	Pass
		36	0	18.99	-1.10	17.89	<=23	Pass
			18	18.53	-1.10	17.43	<=23	Pass
			39	18.82	-1.10	17.72	<=23	Pass
		75	0	17.49	-1.10	16.39	<=23	Pass
	3692.5	1	0	19.67	-1.10	18.57	<=23	Pass
			38	19.66	-1.10	18.56	<=23	Pass
			74	19.88	-1.10	18.78	<=23	Pass
		36	0	18.50	-1.10	17.40	<=23	Pass
			18	18.42	-1.10	17.32	<=23	Pass
			39	18.86	-1.10	17.76	<=23	Pass
		75	0	17.14	-1.10	16.04	<=23	Pass
64QAM	3557.5	1	0	19.14	-1.10	18.04	<=23	Pass
			38	19.19	-1.10	18.09	<=23	Pass
			74	18.65	-1.10	17.55	<=23	Pass
		36	0	18.31	-1.10	17.21	<=23	Pass
			18	18.21	-1.10	17.11	<=23	Pass
			39	17.48	-1.10	16.38	<=23	Pass
		75	0	16.78	-1.10	15.68	<=23	Pass
	3625	1	0	18.01	-1.10	16.91	<=23	Pass
			38	18.97	-1.10	17.87	<=23	Pass
			74	18.61	-1.10	17.51	<=23	Pass
		36	0	17.86	-1.10	16.76	<=23	Pass
			18	17.58	-1.10	16.48	<=23	Pass

			39	17.62	-1.10	16.52	<=23	Pass
		75	0	16.31	-1.10	15.21	<=23	Pass
	3692.5	1	0	18.47	-1.10	17.37	<=23	Pass
			38	18.85	-1.10	17.75	<=23	Pass
			74	18.72	-1.10	17.62	<=23	Pass
		36	0	17.44	-1.10	16.34	<=23	Pass
			18	17.87	-1.10	16.77	<=23	Pass
			39	17.76	-1.10	16.66	<=23	Pass
		75	0	16.44	-1.10	15.34	<=23	Pass
256QAM	3557.5	1	0	15.81	-1.10	14.71	<=23	Pass
			38	16.34	-1.10	15.24	<=23	Pass
			74	15.74	-1.10	14.64	<=23	Pass
		36	0	16.00	-1.10	14.90	<=23	Pass
			18	16.11	-1.10	15.01	<=23	Pass
			39	16.36	-1.10	15.26	<=23	Pass
		75	0	14.25	-1.10	13.15	<=23	Pass
	3625	1	0	15.89	-1.10	14.79	<=23	Pass
			38	15.73	-1.10	14.63	<=23	Pass
			74	15.51	-1.10	14.41	<=23	Pass
		36	0	15.56	-1.10	14.46	<=23	Pass
			18	15.95	-1.10	14.85	<=23	Pass
			39	15.88	-1.10	14.78	<=23	Pass
		75	0	14.15	-1.10	13.05	<=23	Pass
	3692.5	1	0	15.54	-1.10	14.44	<=23	Pass
			38	15.49	-1.10	14.39	<=23	Pass
			74	15.84	-1.10	14.74	<=23	Pass
		36	0	15.42	-1.10	14.32	<=23	Pass
			18	15.47	-1.10	14.37	<=23	Pass
			39	15.73	-1.10	14.63	<=23	Pass
		75	0	14.85	-1.10	13.75	<=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	20.82	-1.10	19.72	/	Pass
			50	20.97	-1.10	19.87	/	Pass
			99	20.96	-1.10	19.86	/	Pass
		50	0	19.98	-1.10	18.88	/	Pass
			25	19.94	-1.10	18.84	/	Pass
			50	19.84	-1.10	18.74	/	Pass
		100	0	19.97	-1.10	18.87	/	Pass
	3625	1	0	20.94	-1.10	19.84	/	Pass
			50	20.92	-1.10	19.82	/	Pass
			99	20.89	-1.10	19.79	/	Pass
		50	0	20.05	-1.10	18.95	/	Pass
			25	20.03	-1.10	18.93	/	Pass
			50	19.98	-1.10	18.88	/	Pass
		100	0	20.01	-1.10	18.91	/	Pass
	3690	1	0	20.60	-1.10	19.50	/	Pass
			50	20.61	-1.10	19.51	/	Pass
			99	20.67	-1.10	19.57	/	Pass
		50	0	19.68	-1.10	18.58	/	Pass
			25	19.67	-1.10	18.57	/	Pass
			50	19.75	-1.10	18.65	/	Pass

		100	0	19.70	-1.10	18.60	/	Pass
16QAM	3560	1	0	20.05	-1.10	18.95	/	Pass
			50	19.98	-1.10	18.88	/	Pass
			99	20.02	-1.10	18.92	/	Pass
			0	19.00	-1.10	17.90	/	Pass
		50	25	18.98	-1.10	17.88	/	Pass
			50	18.96	-1.10	17.86	/	Pass
			0	18.99	-1.10	17.89	/	Pass
		100	0	18.99	-1.10	17.89	/	Pass
	3625	1	0	20.11	-1.10	19.01	/	Pass
			50	20.08	-1.10	18.98	/	Pass
			99	19.97	-1.10	18.87	/	Pass
			0	19.07	-1.10	17.97	/	Pass
		50	25	19.04	-1.10	17.94	/	Pass
			50	19.00	-1.10	17.90	/	Pass
			0	19.03	-1.10	17.93	/	Pass
		100	0	19.03	-1.10	17.93	/	Pass
	3690	1	0	19.72	-1.10	18.62	/	Pass
			50	19.75	-1.10	18.65	/	Pass
			99	19.85	-1.10	18.75	/	Pass
			0	18.67	-1.10	17.57	/	Pass
		50	25	18.69	-1.10	17.59	/	Pass
			50	18.77	-1.10	17.67	/	Pass
			0	18.70	-1.10	17.60	/	Pass
		100	0	18.70	-1.10	17.60	/	Pass
64QAM	3560	1	0	18.66	-1.10	17.56	/	Pass
			50	18.57	-1.10	17.47	/	Pass
			99	18.61	-1.10	17.51	/	Pass
			0	17.96	-1.10	16.86	/	Pass
		50	25	17.93	-1.10	16.83	/	Pass
			50	17.94	-1.10	16.84	/	Pass
			0	17.95	-1.10	16.85	/	Pass
		100	0	17.95	-1.10	16.85	/	Pass
	3625	1	0	18.68	-1.10	17.58	/	Pass
			50	18.65	-1.10	17.55	/	Pass
			99	18.62	-1.10	17.52	/	Pass
			0	18.05	-1.10	16.95	/	Pass
		50	25	18.03	-1.10	16.93	/	Pass
			50	18.01	-1.10	16.91	/	Pass
			0	17.77	-1.10	16.67	/	Pass
		100	0	17.77	-1.10	16.67	/	Pass
	3690	1	0	18.28	-1.10	17.18	/	Pass
			50	18.29	-1.10	17.19	/	Pass
			99	18.41	-1.10	17.31	/	Pass
			0	17.65	-1.10	16.55	/	Pass
		50	25	17.66	-1.10	16.56	/	Pass
			50	17.72	-1.10	16.62	/	Pass
			0	17.67	-1.10	16.57	/	Pass
		100	0	17.67	-1.10	16.57	/	Pass
256QAM	3560	1	0	15.83	-1.10	14.73	/	Pass
			50	15.74	-1.10	14.64	/	Pass
			99	15.77	-1.10	14.67	/	Pass
			0	16.01	-1.10	14.91	/	Pass
		50	25	15.97	-1.10	14.87	/	Pass
			50	15.99	-1.10	14.89	/	Pass
			0	15.96	-1.10	14.86	/	Pass
		100	0	15.96	-1.10	14.86	/	Pass
	3625	1	0	15.70	-1.10	14.60	/	Pass
			50	15.83	-1.10	14.73	/	Pass
			99	15.71	-1.10	14.61	/	Pass
			0	16.10	-1.10	15.00	/	Pass
		50	25	16.07	-1.10	14.97	/	Pass
			50	16.02	-1.10	14.92	/	Pass
			0	16.01	-1.10	14.91	/	Pass
		100	0	16.01	-1.10	14.91	/	Pass
	3690	1	0	15.45	-1.10	14.35	/	Pass
			50	15.46	-1.10	14.36	/	Pass

			99	15.57	-1.10	14.47	/	Pass
		50	0	15.70	-1.10	14.60	/	Pass
			25	15.71	-1.10	14.61	/	Pass
			50	15.77	-1.10	14.67	/	Pass
		100	0	15.66	-1.10	14.56	/	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	20.63	-1.10	19.53	<=23	Pass
			50	20.83	-1.10	19.73	<=23	Pass
			99	21.22	-1.10	20.12	<=23	Pass
		50	0	20.43	-1.10	19.33	<=23	Pass
			25	19.82	-1.10	18.72	<=23	Pass
			50	19.93	-1.10	18.83	<=23	Pass
		100	0	17.56	-1.10	16.46	<=23	Pass
	3625	1	0	21.25	-1.10	20.15	<=23	Pass
			50	20.47	-1.10	19.37	<=23	Pass
			99	20.66	-1.10	19.56	<=23	Pass
		50	0	19.76	-1.10	18.66	<=23	Pass
			25	19.81	-1.10	18.71	<=23	Pass
			50	19.45	-1.10	18.35	<=23	Pass
		100	0	17.09	-1.10	15.99	<=23	Pass
	3690	1	0	20.62	-1.10	19.52	<=23	Pass
			50	20.11	-1.10	19.01	<=23	Pass
			99	20.74	-1.10	19.64	<=23	Pass
		50	0	19.36	-1.10	18.26	<=23	Pass
			25	19.58	-1.10	18.48	<=23	Pass
			50	19.80	-1.10	18.70	<=23	Pass
		100	0	17.48	-1.10	16.38	<=23	Pass
16QAM	3560	1	0	20.08	-1.10	18.98	<=23	Pass
			50	19.63	-1.10	18.53	<=23	Pass
			99	19.71	-1.10	18.61	<=23	Pass
		50	0	18.87	-1.10	17.77	<=23	Pass
			25	19.56	-1.10	18.46	<=23	Pass
			50	19.05	-1.10	17.95	<=23	Pass
		100	0	16.64	-1.10	15.54	<=23	Pass
	3625	1	0	20.19	-1.10	19.09	<=23	Pass
			50	19.47	-1.10	18.37	<=23	Pass
			99	19.71	-1.10	18.61	<=23	Pass
		50	0	19.12	-1.10	18.02	<=23	Pass
			25	18.31	-1.10	17.21	<=23	Pass
			50	18.66	-1.10	17.56	<=23	Pass
		100	0	16.53	-1.10	15.43	<=23	Pass
	3690	1	0	19.14	-1.10	18.04	<=23	Pass
			50	19.21	-1.10	18.11	<=23	Pass
			99	19.97	-1.10	18.87	<=23	Pass
		50	0	18.71	-1.10	17.61	<=23	Pass
			25	18.79	-1.10	17.69	<=23	Pass
			50	18.39	-1.10	17.29	<=23	Pass
		100	0	16.39	-1.10	15.29	<=23	Pass
64QAM	3560	1	0	19.06	-1.10	17.96	<=23	Pass
			50	19.32	-1.10	18.22	<=23	Pass
			99	19.02	-1.10	17.92	<=23	Pass

		50	0	18.26	-1.10	17.16	<=23	Pass		
			25	18.03	-1.10	16.93	<=23	Pass		
			50	18.32	-1.10	17.22	<=23	Pass		
		100	0	15.81	-1.10	14.71	<=23	Pass		
			3625	1	0	18.49	-1.10	17.39	<=23	Pass
					50	18.24	-1.10	17.14	<=23	Pass
		99			18.85	-1.10	17.75	<=23	Pass	
		50		0	17.84	-1.10	16.74	<=23	Pass	
				25	17.93	-1.10	16.83	<=23	Pass	
	50			17.95	-1.10	16.85	<=23	Pass		
	100	0	15.07	-1.10	13.97	<=23	Pass			
	3690	1	0	18.56	-1.10	17.46	<=23	Pass		
			50	18.66	-1.10	17.56	<=23	Pass		
			99	18.77	-1.10	17.67	<=23	Pass		
		50	0	17.75	-1.10	16.65	<=23	Pass		
			25	17.21	-1.10	16.11	<=23	Pass		
			50	17.51	-1.10	16.41	<=23	Pass		
		100	0	15.25	-1.10	14.15	<=23	Pass		
		256QAM	3560	1	0	16.15	-1.10	15.05	<=23	Pass
					50	16.14	-1.10	15.04	<=23	Pass
	99				15.68	-1.10	14.58	<=23	Pass	
	50			0	15.83	-1.10	14.73	<=23	Pass	
				25	16.57	-1.10	15.47	<=23	Pass	
				50	15.76	-1.10	14.66	<=23	Pass	
100	0			13.18	-1.10	12.08	<=23	Pass		
3625	1			0	16.00	-1.10	14.90	<=23	Pass	
				50	15.73	-1.10	14.63	<=23	Pass	
			99	15.75	-1.10	14.65	<=23	Pass		
	50		0	15.70	-1.10	14.60	<=23	Pass		
			25	15.55	-1.10	14.45	<=23	Pass		
			50	15.75	-1.10	14.65	<=23	Pass		
	100		0	12.65	-1.10	11.55	<=23	Pass		
	3690		1	0	15.51	-1.10	14.41	<=23	Pass	
				50	15.63	-1.10	14.53	<=23	Pass	
99				15.55	-1.10	14.45	<=23	Pass		
50			0	15.28	-1.10	14.18	<=23	Pass		
			25	15.66	-1.10	14.56	<=23	Pass		
			50	15.92	-1.10	14.82	<=23	Pass		
100			0	13.08	-1.10	11.98	<=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	3.60	-10.200	-0.0029	-2.5 to 2.5	Pass
					3.91	4.800	0.0014	-2.5 to 2.5	Pass
					4.50	9.400	0.0026	-2.5 to 2.5	Pass
				-30	3.91	9.300	0.0026	-2.5 to 2.5	Pass
				-20	3.91	-6.300	-0.0018	-2.5 to 2.5	Pass
				-10	3.91	-9.200	-0.0026	-2.5 to 2.5	Pass
				0	3.91	-17.000	-0.0048	-2.5 to 2.5	Pass
				10	3.91	3.100	0.0009	-2.5 to 2.5	Pass
				30	3.91	-23.400	-0.0066	-2.5 to 2.5	Pass
				40	3.91	-17.400	-0.0049	-2.5 to 2.5	Pass
				50	3.91	-24.500	-0.0069	-2.5 to 2.5	Pass
	3625	25	0	20	3.60	-25.000	-0.0069	-2.5 to 2.5	Pass
					3.91	-11.000	-0.0030	-2.5 to 2.5	Pass
					4.50	15.600	0.0043	-2.5 to 2.5	Pass
				-30	3.91	15.600	0.0043	-2.5 to 2.5	Pass
				-20	3.91	10.000	0.0028	-2.5 to 2.5	Pass
				-10	3.91	8.500	0.0023	-2.5 to 2.5	Pass
				0	3.91	5.500	0.0015	-2.5 to 2.5	Pass
				10	3.91	7.600	0.0021	-2.5 to 2.5	Pass
				30	3.91	-8.100	-0.0022	-2.5 to 2.5	Pass
				40	3.91	-14.400	-0.0040	-2.5 to 2.5	Pass
				50	3.91	-16.000	-0.0044	-2.5 to 2.5	Pass
	3697.5	25	0	20	3.60	-23.100	-0.0062	-2.5 to 2.5	Pass
					3.91	2.800	0.0008	-2.5 to 2.5	Pass
					4.50	16.300	0.0044	-2.5 to 2.5	Pass
				-30	3.91	-5.600	-0.0015	-2.5 to 2.5	Pass
				-20	3.91	17.100	0.0046	-2.5 to 2.5	Pass
				-10	3.91	3.900	0.0011	-2.5 to 2.5	Pass
				0	3.91	-11.500	-0.0031	-2.5 to 2.5	Pass
				10	3.91	1.500	0.0004	-2.5 to 2.5	Pass
				30	3.91	-18.300	-0.0049	-2.5 to 2.5	Pass
				40	3.91	11.200	0.0030	-2.5 to 2.5	Pass
				50	3.91	-19.300	-0.0052	-2.5 to 2.5	Pass
16QAM	3552.5	25	0	20	3.60	-4.300	-0.0012	-2.5 to 2.5	Pass
					3.91	-3.500	-0.0010	-2.5 to 2.5	Pass
					4.50	-8.900	-0.0025	-2.5 to 2.5	Pass
				-30	3.91	-7.100	-0.0020	-2.5 to 2.5	Pass
				-20	3.91	-4.300	-0.0012	-2.5 to 2.5	Pass
				-10	3.91	-28.000	-0.0079	-2.5 to 2.5	Pass
				0	3.91	-7.700	-0.0022	-2.5 to 2.5	Pass
				10	3.91	-34.000	-0.0096	-2.5 to 2.5	Pass
				30	3.91	-39.500	-0.0111	-2.5 to 2.5	Pass
				40	3.91	-9.600	-0.0027	-2.5 to 2.5	Pass
				50	3.91	-6.600	-0.0019	-2.5 to 2.5	Pass
	3625	25	0	20	3.60	7.400	0.0020	-2.5 to 2.5	Pass
					3.91	-15.800	-0.0044	-2.5 to 2.5	Pass

					4.50	3.900	0.0011	-2.5 to 2.5	Pass
				-30	3.91	0.700	0.0002	-2.5 to 2.5	Pass
				-20	3.91	10.900	0.0030	-2.5 to 2.5	Pass
				-10	3.91	3.500	0.0010	-2.5 to 2.5	Pass
				0	3.91	-0.100	0.0000	-2.5 to 2.5	Pass
				10	3.91	2.800	0.0008	-2.5 to 2.5	Pass
				30	3.91	8.400	0.0023	-2.5 to 2.5	Pass
				40	3.91	12.900	0.0036	-2.5 to 2.5	Pass
				50	3.91	-10.700	-0.0030	-2.5 to 2.5	Pass
	3697.5	25	0	20	3.60	-0.700	-0.0002	-2.5 to 2.5	Pass
					3.91	-16.200	-0.0044	-2.5 to 2.5	Pass
					4.50	0.700	0.0002	-2.5 to 2.5	Pass
				-30	3.91	5.600	0.0015	-2.5 to 2.5	Pass
				-20	3.91	-20.400	-0.0055	-2.5 to 2.5	Pass
				-10	3.91	13.200	0.0036	-2.5 to 2.5	Pass
				0	3.91	-15.500	-0.0042	-2.5 to 2.5	Pass
				10	3.91	7.700	0.0021	-2.5 to 2.5	Pass
				30	3.91	-13.600	-0.0037	-2.5 to 2.5	Pass
64QAM	3552.5	25	0	20	3.60	-5.100	-0.0014	-2.5 to 2.5	Pass
					3.91	8.000	0.0023	-2.5 to 2.5	Pass
					4.50	-14.700	-0.0041	-2.5 to 2.5	Pass
				-30	3.91	12.400	0.0035	-2.5 to 2.5	Pass
				-20	3.91	-8.500	-0.0024	-2.5 to 2.5	Pass
				-10	3.91	4.200	0.0012	-2.5 to 2.5	Pass
				0	3.91	1.900	0.0005	-2.5 to 2.5	Pass
				10	3.91	3.500	0.0010	-2.5 to 2.5	Pass
				30	3.91	15.000	0.0042	-2.5 to 2.5	Pass
	3625	25	0	20	3.60	12.900	0.0036	-2.5 to 2.5	Pass
					3.91	-15.300	-0.0042	-2.5 to 2.5	Pass
					4.50	19.600	0.0054	-2.5 to 2.5	Pass
				-30	3.91	19.000	0.0052	-2.5 to 2.5	Pass
				-20	3.91	14.000	0.0039	-2.5 to 2.5	Pass
				-10	3.91	-18.300	-0.0050	-2.5 to 2.5	Pass
				0	3.91	-9.300	-0.0026	-2.5 to 2.5	Pass
				10	3.91	9.300	0.0026	-2.5 to 2.5	Pass
				30	3.91	8.700	0.0024	-2.5 to 2.5	Pass
	3697.5	25	0	20	3.60	-8.800	-0.0024	-2.5 to 2.5	Pass
					3.91	-15.000	-0.0041	-2.5 to 2.5	Pass
					4.50	10.300	0.0028	-2.5 to 2.5	Pass
				-30	3.91	2.500	0.0007	-2.5 to 2.5	Pass
				-20	3.91	-24.800	-0.0067	-2.5 to 2.5	Pass
				-10	3.91	-16.000	-0.0043	-2.5 to 2.5	Pass
				0	3.91	-0.600	-0.0002	-2.5 to 2.5	Pass
				10	3.91	-4.200	-0.0011	-2.5 to 2.5	Pass
				30	3.91	12.900	0.0035	-2.5 to 2.5	Pass
256QAM	3552.5	25	0	20	3.60	-5.600	-0.0016	-2.5 to 2.5	Pass
					3.91	-13.600	-0.0038	-2.5 to 2.5	Pass
					4.50	-9.100	-0.0026	-2.5 to 2.5	Pass
				-30	3.91	10.700	0.0030	-2.5 to 2.5	Pass
				-20	3.91	-13.500	-0.0038	-2.5 to 2.5	Pass
				-10	3.91	12.300	0.0035	-2.5 to 2.5	Pass

				0	3.91	5.300	0.0015	-2.5 to 2.5	Pass
				10	3.91	-6.800	-0.0019	-2.5 to 2.5	Pass
				30	3.91	-14.600	-0.0041	-2.5 to 2.5	Pass
				40	3.91	-4.800	-0.0014	-2.5 to 2.5	Pass
				50	3.91	-4.700	-0.0013	-2.5 to 2.5	Pass
	3625	25	0	20	3.60	4.700	0.0013	-2.5 to 2.5	Pass
					3.91	-2.000	-0.0006	-2.5 to 2.5	Pass
					4.50	4.000	0.0011	-2.5 to 2.5	Pass
				-30	3.91	-1.800	-0.0005	-2.5 to 2.5	Pass
				-20	3.91	-23.400	-0.0065	-2.5 to 2.5	Pass
				-10	3.91	15.400	0.0042	-2.5 to 2.5	Pass
				0	3.91	14.400	0.0040	-2.5 to 2.5	Pass
				10	3.91	6.000	0.0017	-2.5 to 2.5	Pass
				30	3.91	8.800	0.0024	-2.5 to 2.5	Pass
				40	3.91	4.700	0.0013	-2.5 to 2.5	Pass
				50	3.91	-6.700	-0.0018	-2.5 to 2.5	Pass
	3697.5	25	0	20	3.60	-4.900	-0.0013	-2.5 to 2.5	Pass
					3.91	-13.900	-0.0038	-2.5 to 2.5	Pass
					4.50	10.600	0.0029	-2.5 to 2.5	Pass
				-30	3.91	11.700	0.0032	-2.5 to 2.5	Pass
				-20	3.91	-10.400	-0.0028	-2.5 to 2.5	Pass
				-10	3.91	16.400	0.0044	-2.5 to 2.5	Pass
				0	3.91	-12.900	-0.0035	-2.5 to 2.5	Pass
				10	3.91	9.800	0.0027	-2.5 to 2.5	Pass
				30	3.91	3.500	0.0009	-2.5 to 2.5	Pass
				40	3.91	8.100	0.0022	-2.5 to 2.5	Pass
				50	3.91	7.200	0.0019	-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	3.60	-5.700	-0.0016	-2.5 to 2.5	Pass
					3.91	12.200	0.0034	-2.5 to 2.5	Pass
					4.50	-20.000	-0.0056	-2.5 to 2.5	Pass
				-30	3.91	10.600	0.0030	-2.5 to 2.5	Pass
				-20	3.91	3.100	0.0009	-2.5 to 2.5	Pass
				-10	3.91	-9.300	-0.0026	-2.5 to 2.5	Pass
				0	3.91	20.200	0.0057	-2.5 to 2.5	Pass
				10	3.91	-6.900	-0.0019	-2.5 to 2.5	Pass
				30	3.91	15.800	0.0044	-2.5 to 2.5	Pass
				40	3.91	9.400	0.0026	-2.5 to 2.5	Pass
				50	3.91	-11.700	-0.0033	-2.5 to 2.5	Pass
	3625	50	0	20	3.60	-13.200	-0.0036	-2.5 to 2.5	Pass
					3.91	-7.400	-0.0020	-2.5 to 2.5	Pass
					4.50	-14.200	-0.0039	-2.5 to 2.5	Pass
				-30	3.91	1.300	0.0004	-2.5 to 2.5	Pass
				-20	3.91	-0.200	-0.0001	-2.5 to 2.5	Pass
				-10	3.91	-22.100	-0.0061	-2.5 to 2.5	Pass
				0	3.91	-8.200	-0.0023	-2.5 to 2.5	Pass
				10	3.91	-18.100	-0.0050	-2.5 to 2.5	Pass
				30	3.91	-7.200	-0.0020	-2.5 to 2.5	Pass
				40	3.91	-5.200	-0.0014	-2.5 to 2.5	Pass
				50	3.91	-3.100	-0.0009	-2.5 to 2.5	Pass
	3695	50	0	20	3.60	9.500	0.0026	-2.5 to 2.5	Pass
					3.91	5.200	0.0014	-2.5 to 2.5	Pass

					4.50	12.000	0.0032	-2.5 to 2.5	Pass
				-30	3.91	10.800	0.0029	-2.5 to 2.5	Pass
				-20	3.91	6.600	0.0018	-2.5 to 2.5	Pass
				-10	3.91	6.400	0.0017	-2.5 to 2.5	Pass
				0	3.91	8.700	0.0024	-2.5 to 2.5	Pass
				10	3.91	8.300	0.0022	-2.5 to 2.5	Pass
				30	3.91	-17.500	-0.0047	-2.5 to 2.5	Pass
				40	3.91	-20.400	-0.0055	-2.5 to 2.5	Pass
				50	3.91	-15.300	-0.0041	-2.5 to 2.5	Pass
16QAM	3555	50	0	20	3.60	-13.800	-0.0039	-2.5 to 2.5	Pass
					3.91	10.500	0.0030	-2.5 to 2.5	Pass
					4.50	-17.700	-0.0050	-2.5 to 2.5	Pass
				-30	3.91	16.900	0.0048	-2.5 to 2.5	Pass
				-20	3.91	1.400	0.0004	-2.5 to 2.5	Pass
				-10	3.91	8.600	0.0024	-2.5 to 2.5	Pass
				0	3.91	11.000	0.0031	-2.5 to 2.5	Pass
				10	3.91	10.700	0.0030	-2.5 to 2.5	Pass
				30	3.91	-15.000	-0.0042	-2.5 to 2.5	Pass
				40	3.91	4.200	0.0012	-2.5 to 2.5	Pass
				50	3.91	13.100	0.0037	-2.5 to 2.5	Pass
	3625	50	0	20	3.60	-10.200	-0.0028	-2.5 to 2.5	Pass
					3.91	5.100	0.0014	-2.5 to 2.5	Pass
					4.50	-14.100	-0.0039	-2.5 to 2.5	Pass
				-30	3.91	-23.100	-0.0064	-2.5 to 2.5	Pass
				-20	3.91	5.800	0.0016	-2.5 to 2.5	Pass
				-10	3.91	-14.500	-0.0040	-2.5 to 2.5	Pass
				0	3.91	-11.600	-0.0032	-2.5 to 2.5	Pass
				10	3.91	9.100	0.0025	-2.5 to 2.5	Pass
				30	3.91	5.500	0.0015	-2.5 to 2.5	Pass
				40	3.91	-17.400	-0.0048	-2.5 to 2.5	Pass
				50	3.91	7.500	0.0021	-2.5 to 2.5	Pass
	3695	50	0	20	3.60	18.700	0.0051	-2.5 to 2.5	Pass
					3.91	-5.900	-0.0016	-2.5 to 2.5	Pass
					4.50	-18.400	-0.0050	-2.5 to 2.5	Pass
				-30	3.91	-8.200	-0.0022	-2.5 to 2.5	Pass
				-20	3.91	16.800	0.0045	-2.5 to 2.5	Pass
				-10	3.91	-16.200	-0.0044	-2.5 to 2.5	Pass
				0	3.91	-4.600	-0.0012	-2.5 to 2.5	Pass
				10	3.91	9.400	0.0025	-2.5 to 2.5	Pass
				30	3.91	-13.400	-0.0036	-2.5 to 2.5	Pass
				40	3.91	9.300	0.0025	-2.5 to 2.5	Pass
				50	3.91	3.600	0.0010	-2.5 to 2.5	Pass
64QAM	3555	50	0	20	3.60	15.700	0.0044	-2.5 to 2.5	Pass
					3.91	4.600	0.0013	-2.5 to 2.5	Pass
					4.50	-14.200	-0.0040	-2.5 to 2.5	Pass
				-30	3.91	-1.900	-0.0005	-2.5 to 2.5	Pass
				-20	3.91	9.400	0.0026	-2.5 to 2.5	Pass
				-10	3.91	4.600	0.0013	-2.5 to 2.5	Pass
				0	3.91	5.800	0.0016	-2.5 to 2.5	Pass
				10	3.91	-13.100	-0.0037	-2.5 to 2.5	Pass
				30	3.91	-8.000	-0.0023	-2.5 to 2.5	Pass
				40	3.91	15.300	0.0043	-2.5 to 2.5	Pass
				50	3.91	-0.600	-0.0002	-2.5 to 2.5	Pass
	3625	50	0	20	3.60	-4.000	-0.0011	-2.5 to 2.5	Pass
					3.91	-12.300	-0.0034	-2.5 to 2.5	Pass
					4.50	-17.400	-0.0048	-2.5 to 2.5	Pass
				-30	3.91	-20.000	-0.0055	-2.5 to 2.5	Pass
				-20	3.91	9.400	0.0026	-2.5 to 2.5	Pass
				-10	3.91	15.100	0.0042	-2.5 to 2.5	Pass

				0	3.91	-13.600	-0.0038	-2.5 to 2.5	Pass
				10	3.91	6.400	0.0018	-2.5 to 2.5	Pass
				30	3.91	14.500	0.0040	-2.5 to 2.5	Pass
				40	3.91	-17.300	-0.0048	-2.5 to 2.5	Pass
				50	3.91	1.000	0.0003	-2.5 to 2.5	Pass
	3695	50	0	20	3.60	-29.300	-0.0079	-2.5 to 2.5	Pass
					3.91	-16.900	-0.0046	-2.5 to 2.5	Pass
					4.50	12.300	0.0033	-2.5 to 2.5	Pass
				-30	3.91	9.700	0.0026	-2.5 to 2.5	Pass
				-20	3.91	-21.000	-0.0057	-2.5 to 2.5	Pass
				-10	3.91	-4.700	-0.0013	-2.5 to 2.5	Pass
				0	3.91	5.600	0.0015	-2.5 to 2.5	Pass
				10	3.91	6.600	0.0018	-2.5 to 2.5	Pass
				30	3.91	2.300	0.0006	-2.5 to 2.5	Pass
				40	3.91	-15.900	-0.0043	-2.5 to 2.5	Pass
				50	3.91	-15.700	-0.0042	-2.5 to 2.5	Pass
256QAM	3555	50	0	20	3.60	-3.200	-0.0009	-2.5 to 2.5	Pass
					3.91	-18.700	-0.0053	-2.5 to 2.5	Pass
					4.50	12.200	0.0034	-2.5 to 2.5	Pass
				-30	3.91	-15.100	-0.0042	-2.5 to 2.5	Pass
				-20	3.91	-15.700	-0.0044	-2.5 to 2.5	Pass
				-10	3.91	2.900	0.0008	-2.5 to 2.5	Pass
				0	3.91	-12.800	-0.0036	-2.5 to 2.5	Pass
				10	3.91	5.700	0.0016	-2.5 to 2.5	Pass
				30	3.91	0.700	0.0002	-2.5 to 2.5	Pass
				40	3.91	-17.900	-0.0050	-2.5 to 2.5	Pass
				50	3.91	6.500	0.0018	-2.5 to 2.5	Pass
	3625	50	0	20	3.60	-6.000	-0.0017	-2.5 to 2.5	Pass
					3.91	-19.200	-0.0053	-2.5 to 2.5	Pass
					4.50	-12.100	-0.0033	-2.5 to 2.5	Pass
				-30	3.91	4.400	0.0012	-2.5 to 2.5	Pass
				-20	3.91	-16.200	-0.0045	-2.5 to 2.5	Pass
				-10	3.91	9.500	0.0026	-2.5 to 2.5	Pass
				0	3.91	4.900	0.0014	-2.5 to 2.5	Pass
				10	3.91	-0.700	-0.0002	-2.5 to 2.5	Pass
				30	3.91	-17.000	-0.0047	-2.5 to 2.5	Pass
				40	3.91	7.300	0.0020	-2.5 to 2.5	Pass
				50	3.91	-9.100	-0.0025	-2.5 to 2.5	Pass
	3695	50	0	20	3.60	8.300	0.0022	-2.5 to 2.5	Pass
					3.91	-14.700	-0.0040	-2.5 to 2.5	Pass
					4.50	-7.200	-0.0019	-2.5 to 2.5	Pass
				-30	3.91	-3.700	-0.0010	-2.5 to 2.5	Pass
				-20	3.91	16.400	0.0044	-2.5 to 2.5	Pass
				-10	3.91	13.300	0.0036	-2.5 to 2.5	Pass
				0	3.91	8.200	0.0022	-2.5 to 2.5	Pass
				10	3.91	-16.300	-0.0044	-2.5 to 2.5	Pass
				30	3.91	11.800	0.0032	-2.5 to 2.5	Pass
				40	3.91	7.600	0.0021	-2.5 to 2.5	Pass
				50	3.91	-11.000	-0.0030	-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	3.60	-4.600	-0.0013	-2.5 to 2.5	Pass
					3.91	-2.700	-0.0008	-2.5 to 2.5	Pass

					4.50	-9.000	-0.0025	-2.5 to 2.5	Pass
				-30	3.91	-9.100	-0.0026	-2.5 to 2.5	Pass
				-20	3.91	7.000	0.0020	-2.5 to 2.5	Pass
				-10	3.91	-14.500	-0.0041	-2.5 to 2.5	Pass
				0	3.91	-16.700	-0.0047	-2.5 to 2.5	Pass
				10	3.91	-18.000	-0.0051	-2.5 to 2.5	Pass
				30	3.91	4.000	0.0011	-2.5 to 2.5	Pass
				40	3.91	-16.200	-0.0046	-2.5 to 2.5	Pass
				50	3.91	-11.500	-0.0032	-2.5 to 2.5	Pass
	3625	75	0	20	3.60	-8.200	-0.0023	-2.5 to 2.5	Pass
					3.91	-12.900	-0.0036	-2.5 to 2.5	Pass
					4.50	14.100	0.0039	-2.5 to 2.5	Pass
				-30	3.91	-20.000	-0.0055	-2.5 to 2.5	Pass
				-20	3.91	-13.800	-0.0038	-2.5 to 2.5	Pass
				-10	3.91	3.100	0.0009	-2.5 to 2.5	Pass
				0	3.91	-18.400	-0.0051	-2.5 to 2.5	Pass
				10	3.91	12.400	0.0034	-2.5 to 2.5	Pass
				30	3.91	-16.100	-0.0044	-2.5 to 2.5	Pass
				40	3.91	4.600	0.0013	-2.5 to 2.5	Pass
				50	3.91	5.800	0.0016	-2.5 to 2.5	Pass
	3692.5	75	0	20	3.60	-14.900	-0.0040	-2.5 to 2.5	Pass
					3.91	-11.800	-0.0032	-2.5 to 2.5	Pass
					4.50	-10.400	-0.0028	-2.5 to 2.5	Pass
				-30	3.91	6.300	0.0017	-2.5 to 2.5	Pass
				-20	3.91	-19.400	-0.0053	-2.5 to 2.5	Pass
				-10	3.91	-13.900	-0.0038	-2.5 to 2.5	Pass
				0	3.91	7.500	0.0020	-2.5 to 2.5	Pass
				10	3.91	-19.500	-0.0053	-2.5 to 2.5	Pass
				30	3.91	10.900	0.0030	-2.5 to 2.5	Pass
				40	3.91	10.400	0.0028	-2.5 to 2.5	Pass
				50	3.91	5.400	0.0015	-2.5 to 2.5	Pass
16QAM	3557.5	75	0	20	3.60	-11.900	-0.0033	-2.5 to 2.5	Pass
					3.91	-7.600	-0.0021	-2.5 to 2.5	Pass
					4.50	10.800	0.0030	-2.5 to 2.5	Pass
				-30	3.91	6.500	0.0018	-2.5 to 2.5	Pass
				-20	3.91	9.800	0.0028	-2.5 to 2.5	Pass
				-10	3.91	8.000	0.0022	-2.5 to 2.5	Pass
				0	3.91	-16.200	-0.0046	-2.5 to 2.5	Pass
				10	3.91	11.100	0.0031	-2.5 to 2.5	Pass
				30	3.91	0.000	0.0000	-2.5 to 2.5	Pass
				40	3.91	5.400	0.0015	-2.5 to 2.5	Pass
				50	3.91	-15.500	-0.0044	-2.5 to 2.5	Pass
	3625	75	0	20	3.60	2.000	0.0006	-2.5 to 2.5	Pass
					3.91	8.000	0.0022	-2.5 to 2.5	Pass
					4.50	8.100	0.0022	-2.5 to 2.5	Pass
				-30	3.91	0.900	0.0002	-2.5 to 2.5	Pass
				-20	3.91	14.500	0.0040	-2.5 to 2.5	Pass
				-10	3.91	12.000	0.0033	-2.5 to 2.5	Pass
				0	3.91	12.400	0.0034	-2.5 to 2.5	Pass
				10	3.91	8.500	0.0023	-2.5 to 2.5	Pass
				30	3.91	10.300	0.0028	-2.5 to 2.5	Pass
				40	3.91	-20.700	-0.0057	-2.5 to 2.5	Pass
				50	3.91	-16.700	-0.0046	-2.5 to 2.5	Pass
	3692.5	75	0	20	3.60	13.500	0.0037	-2.5 to 2.5	Pass
					3.91	10.700	0.0029	-2.5 to 2.5	Pass
					4.50	3.800	0.0010	-2.5 to 2.5	Pass
				-30	3.91	5.000	0.0014	-2.5 to 2.5	Pass
				-20	3.91	-16.000	-0.0043	-2.5 to 2.5	Pass
				-10	3.91	8.500	0.0023	-2.5 to 2.5	Pass

				0	3.91	5.900	0.0016	-2.5 to 2.5	Pass
				10	3.91	-29.200	-0.0079	-2.5 to 2.5	Pass
				30	3.91	5.200	0.0014	-2.5 to 2.5	Pass
				40	3.91	14.400	0.0039	-2.5 to 2.5	Pass
				50	3.91	16.700	0.0045	-2.5 to 2.5	Pass
64QAM	3557.5	75	0	20	3.60	8.800	0.0025	-2.5 to 2.5	Pass
					3.91	15.100	0.0042	-2.5 to 2.5	Pass
					4.50	1.300	0.0004	-2.5 to 2.5	Pass
				-30	3.91	4.800	0.0013	-2.5 to 2.5	Pass
				-20	3.91	7.700	0.0022	-2.5 to 2.5	Pass
				-10	3.91	5.100	0.0014	-2.5 to 2.5	Pass
				0	3.91	4.700	0.0013	-2.5 to 2.5	Pass
				10	3.91	10.500	0.0030	-2.5 to 2.5	Pass
				30	3.91	7.400	0.0021	-2.5 to 2.5	Pass
				40	3.91	4.500	0.0013	-2.5 to 2.5	Pass
	3625	75	0	50	3.91	-14.900	-0.0042	-2.5 to 2.5	Pass
				20	3.60	7.300	0.0020	-2.5 to 2.5	Pass
					3.91	-20.300	-0.0056	-2.5 to 2.5	Pass
					4.50	-4.300	-0.0012	-2.5 to 2.5	Pass
				-30	3.91	1.400	0.0004	-2.5 to 2.5	Pass
				-20	3.91	-8.900	-0.0025	-2.5 to 2.5	Pass
				-10	3.91	-11.200	-0.0031	-2.5 to 2.5	Pass
				0	3.91	13.200	0.0036	-2.5 to 2.5	Pass
				10	3.91	0.300	0.0001	-2.5 to 2.5	Pass
				30	3.91	15.000	0.0041	-2.5 to 2.5	Pass
	3692.5	75	0	40	3.91	10.900	0.0030	-2.5 to 2.5	Pass
				50	3.91	-19.300	-0.0053	-2.5 to 2.5	Pass
				20	3.60	-7.100	-0.0019	-2.5 to 2.5	Pass
					3.91	-12.900	-0.0035	-2.5 to 2.5	Pass
					4.50	-14.400	-0.0039	-2.5 to 2.5	Pass
				-30	3.91	9.800	0.0027	-2.5 to 2.5	Pass
				-20	3.91	-16.200	-0.0044	-2.5 to 2.5	Pass
				-10	3.91	7.100	0.0019	-2.5 to 2.5	Pass
				0	3.91	5.800	0.0016	-2.5 to 2.5	Pass
				10	3.91	7.800	0.0021	-2.5 to 2.5	Pass
256QAM	3557.5	75	0	30	3.91	-5.400	-0.0015	-2.5 to 2.5	Pass
				40	3.91	3.500	0.0009	-2.5 to 2.5	Pass
				50	3.91	11.600	0.0031	-2.5 to 2.5	Pass
				20	3.60	15.500	0.0044	-2.5 to 2.5	Pass
					3.91	-15.400	-0.0043	-2.5 to 2.5	Pass
					4.50	2.600	0.0007	-2.5 to 2.5	Pass
				-30	3.91	18.400	0.0052	-2.5 to 2.5	Pass
				-20	3.91	2.400	0.0007	-2.5 to 2.5	Pass
				-10	3.91	7.100	0.0020	-2.5 to 2.5	Pass
				0	3.91	-16.900	-0.0048	-2.5 to 2.5	Pass
	3625	75	0	10	3.91	-23.900	-0.0067	-2.5 to 2.5	Pass
				30	3.91	9.200	0.0026	-2.5 to 2.5	Pass
				40	3.91	-12.900	-0.0036	-2.5 to 2.5	Pass
				50	3.91	6.800	0.0019	-2.5 to 2.5	Pass
				20	3.60	-5.400	-0.0015	-2.5 to 2.5	Pass
					3.91	9.500	0.0026	-2.5 to 2.5	Pass
					4.50	2.400	0.0007	-2.5 to 2.5	Pass
				-30	3.91	6.000	0.0017	-2.5 to 2.5	Pass
				-20	3.91	-2.800	-0.0008	-2.5 to 2.5	Pass
				-10	3.91	1.900	0.0005	-2.5 to 2.5	Pass
				0	3.91	-15.700	-0.0043	-2.5 to 2.5	Pass
				10	3.91	14.200	0.0039	-2.5 to 2.5	Pass
				30	3.91	-12.800	-0.0035	-2.5 to 2.5	Pass
				40	3.91	11.900	0.0033	-2.5 to 2.5	Pass

	3692.5	75	0	50	3.91	-17.700	-0.0049	-2.5 to 2.5	Pass
				20	3.60	3.700	0.0010	-2.5 to 2.5	Pass
					3.91	-12.000	-0.0032	-2.5 to 2.5	Pass
					4.50	14.200	0.0038	-2.5 to 2.5	Pass
				-30	3.91	-16.900	-0.0046	-2.5 to 2.5	Pass
				-20	3.91	-11.800	-0.0032	-2.5 to 2.5	Pass
				-10	3.91	12.400	0.0034	-2.5 to 2.5	Pass
				0	3.91	15.300	0.0041	-2.5 to 2.5	Pass
				10	3.91	-10.500	-0.0028	-2.5 to 2.5	Pass
				30	3.91	4.200	0.0011	-2.5 to 2.5	Pass
				40	3.91	6.400	0.0017	-2.5 to 2.5	Pass
				50	3.91	2.600	0.0007	-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	3.60	-25.000	-0.0070	-2.5 to 2.5	Pass
					3.91	10.600	0.0030	-2.5 to 2.5	Pass
					4.50	11.600	0.0033	-2.5 to 2.5	Pass
				-30	3.91	-7.800	-0.0022	-2.5 to 2.5	Pass
				-20	3.91	-16.500	-0.0046	-2.5 to 2.5	Pass
				-10	3.91	-16.200	-0.0046	-2.5 to 2.5	Pass
				0	3.91	-18.100	-0.0051	-2.5 to 2.5	Pass
				10	3.91	-14.000	-0.0039	-2.5 to 2.5	Pass
				30	3.91	7.000	0.0020	-2.5 to 2.5	Pass
				40	3.91	-14.800	-0.0042	-2.5 to 2.5	Pass
				50	3.91	10.500	0.0029	-2.5 to 2.5	Pass
	3625	100	0	20	3.60	-16.500	-0.0046	-2.5 to 2.5	Pass
					3.91	9.500	0.0026	-2.5 to 2.5	Pass
					4.50	-20.400	-0.0056	-2.5 to 2.5	Pass
				-30	3.91	15.700	0.0043	-2.5 to 2.5	Pass
				-20	3.91	16.600	0.0046	-2.5 to 2.5	Pass
				-10	3.91	-10.200	-0.0028	-2.5 to 2.5	Pass
				0	3.91	10.500	0.0029	-2.5 to 2.5	Pass
				10	3.91	8.300	0.0023	-2.5 to 2.5	Pass
				30	3.91	2.300	0.0006	-2.5 to 2.5	Pass
				40	3.91	-22.500	-0.0062	-2.5 to 2.5	Pass
				50	3.91	-15.700	-0.0043	-2.5 to 2.5	Pass
	3690	100	0	20	3.60	9.100	0.0025	-2.5 to 2.5	Pass
					3.91	12.600	0.0034	-2.5 to 2.5	Pass
					4.50	-14.400	-0.0039	-2.5 to 2.5	Pass
				-30	3.91	12.700	0.0034	-2.5 to 2.5	Pass
				-20	3.91	15.300	0.0041	-2.5 to 2.5	Pass
				-10	3.91	-17.700	-0.0048	-2.5 to 2.5	Pass
				0	3.91	-13.700	-0.0037	-2.5 to 2.5	Pass
				10	3.91	-14.100	-0.0038	-2.5 to 2.5	Pass
				30	3.91	18.900	0.0051	-2.5 to 2.5	Pass
				40	3.91	-8.300	-0.0022	-2.5 to 2.5	Pass
				50	3.91	-8.600	-0.0023	-2.5 to 2.5	Pass
16QAM	3560	100	0	20	3.60	3.500	0.0010	-2.5 to 2.5	Pass
					3.91	12.000	0.0034	-2.5 to 2.5	Pass
					4.50	6.000	0.0017	-2.5 to 2.5	Pass
				-30	3.91	-16.900	-0.0047	-2.5 to 2.5	Pass
				-20	3.91	-16.700	-0.0047	-2.5 to 2.5	Pass
				-10	3.91	7.100	0.0020	-2.5 to 2.5	Pass

				0	3.91	-14.300	-0.0040	-2.5 to 2.5	Pass
				10	3.91	-15.400	-0.0043	-2.5 to 2.5	Pass
				30	3.91	8.200	0.0023	-2.5 to 2.5	Pass
				40	3.91	-17.400	-0.0049	-2.5 to 2.5	Pass
				50	3.91	6.800	0.0019	-2.5 to 2.5	Pass
	3625	100	0	20	3.60	-16.200	-0.0045	-2.5 to 2.5	Pass
					3.91	5.100	0.0014	-2.5 to 2.5	Pass
					4.50	-12.300	-0.0034	-2.5 to 2.5	Pass
				-30	3.91	10.700	0.0030	-2.5 to 2.5	Pass
				-20	3.91	-18.700	-0.0052	-2.5 to 2.5	Pass
				-10	3.91	6.400	0.0018	-2.5 to 2.5	Pass
				0	3.91	8.500	0.0023	-2.5 to 2.5	Pass
				10	3.91	-16.700	-0.0046	-2.5 to 2.5	Pass
				30	3.91	-22.200	-0.0061	-2.5 to 2.5	Pass
				40	3.91	-17.700	-0.0049	-2.5 to 2.5	Pass
				50	3.91	-18.400	-0.0051	-2.5 to 2.5	Pass
	3690	100	0	20	3.60	-14.800	-0.0040	-2.5 to 2.5	Pass
					3.91	15.400	0.0042	-2.5 to 2.5	Pass
					4.50	-22.600	-0.0061	-2.5 to 2.5	Pass
				-30	3.91	-14.000	-0.0038	-2.5 to 2.5	Pass
				-20	3.91	4.300	0.0012	-2.5 to 2.5	Pass
				-10	3.91	7.800	0.0021	-2.5 to 2.5	Pass
				0	3.91	7.700	0.0021	-2.5 to 2.5	Pass
				10	3.91	14.500	0.0039	-2.5 to 2.5	Pass
				30	3.91	-23.400	-0.0063	-2.5 to 2.5	Pass
				40	3.91	8.400	0.0023	-2.5 to 2.5	Pass
				50	3.91	9.800	0.0027	-2.5 to 2.5	Pass
64QAM	3560	100	0	20	3.60	10.200	0.0029	-2.5 to 2.5	Pass
					3.91	-17.100	-0.0048	-2.5 to 2.5	Pass
					4.50	-4.900	-0.0014	-2.5 to 2.5	Pass
				-30	3.91	10.100	0.0028	-2.5 to 2.5	Pass
				-20	3.91	-13.700	-0.0038	-2.5 to 2.5	Pass
				-10	3.91	10.900	0.0031	-2.5 to 2.5	Pass
				0	3.91	-16.900	-0.0047	-2.5 to 2.5	Pass
				10	3.91	8.300	0.0023	-2.5 to 2.5	Pass
				30	3.91	4.600	0.0013	-2.5 to 2.5	Pass
				40	3.91	-13.700	-0.0038	-2.5 to 2.5	Pass
				50	3.91	5.900	0.0017	-2.5 to 2.5	Pass
	3625	100	0	20	3.60	-21.600	-0.0060	-2.5 to 2.5	Pass
					3.91	-8.700	-0.0024	-2.5 to 2.5	Pass
					4.50	12.400	0.0034	-2.5 to 2.5	Pass
				-30	3.91	-21.300	-0.0059	-2.5 to 2.5	Pass
				-20	3.91	0.700	0.0002	-2.5 to 2.5	Pass
				-10	3.91	-16.100	-0.0044	-2.5 to 2.5	Pass
				0	3.91	28.100	0.0078	-2.5 to 2.5	Pass
				10	3.91	15.800	0.0044	-2.5 to 2.5	Pass
				30	3.91	-14.100	-0.0039	-2.5 to 2.5	Pass
				40	3.91	-14.500	-0.0040	-2.5 to 2.5	Pass
				50	3.91	6.200	0.0017	-2.5 to 2.5	Pass
	3690	100	0	20	3.60	12.500	0.0034	-2.5 to 2.5	Pass
					3.91	9.200	0.0025	-2.5 to 2.5	Pass
					4.50	11.200	0.0030	-2.5 to 2.5	Pass
				-30	3.91	-17.100	-0.0046	-2.5 to 2.5	Pass
				-20	3.91	-13.300	-0.0036	-2.5 to 2.5	Pass
				-10	3.91	12.200	0.0033	-2.5 to 2.5	Pass
				0	3.91	-6.800	-0.0018	-2.5 to 2.5	Pass
				10	3.91	6.400	0.0017	-2.5 to 2.5	Pass
				30	3.91	5.400	0.0015	-2.5 to 2.5	Pass
				40	3.91	-23.900	-0.0065	-2.5 to 2.5	Pass

				50	3.91	-0.400	-0.0001	-2.5 to 2.5	Pass
256QAM	3560	100	0	20	3.60	-0.100	0.0000	-2.5 to 2.5	Pass
					3.91	7.700	0.0022	-2.5 to 2.5	Pass
					4.50	13.800	0.0039	-2.5 to 2.5	Pass
					3.91	-12.500	-0.0035	-2.5 to 2.5	Pass
				-30	3.91	11.700	0.0033	-2.5 to 2.5	Pass
				-20	3.91	15.000	0.0042	-2.5 to 2.5	Pass
				-10	3.91	16.000	0.0045	-2.5 to 2.5	Pass
				0	3.91	6.400	0.0018	-2.5 to 2.5	Pass
				10	3.91	3.700	0.0010	-2.5 to 2.5	Pass
				30	3.91	-11.400	-0.0032	-2.5 to 2.5	Pass
	3625	100	0	40	3.91	6.500	0.0018	-2.5 to 2.5	Pass
				50	3.91	-14.200	-0.0039	-2.5 to 2.5	Pass
				20	3.60	-11.500	-0.0032	-2.5 to 2.5	Pass
					3.91	-3.000	-0.0008	-2.5 to 2.5	Pass
					4.50	-16.000	-0.0044	-2.5 to 2.5	Pass
					3.91	5.100	0.0014	-2.5 to 2.5	Pass
				-30	3.91	8.100	0.0022	-2.5 to 2.5	Pass
				-20	3.91	-14.500	-0.0040	-2.5 to 2.5	Pass
				-10	3.91	-13.500	-0.0037	-2.5 to 2.5	Pass
				0	3.91	-17.900	-0.0049	-2.5 to 2.5	Pass
	3690	100	0	10	3.91	-12.100	-0.0033	-2.5 to 2.5	Pass
				30	3.91	-8.200	-0.0023	-2.5 to 2.5	Pass
				40	3.91	1.300	0.0004	-2.5 to 2.5	Pass
				50	3.91	14.400	0.0039	-2.5 to 2.5	Pass
				20	4.50	0.200	0.0001	-2.5 to 2.5	Pass
					3.91	10.400	0.0028	-2.5 to 2.5	Pass
					3.91	12.900	0.0035	-2.5 to 2.5	Pass
					3.91	6.300	0.0017	-2.5 to 2.5	Pass
				-30	3.91	-20.900	-0.0057	-2.5 to 2.5	Pass
				-20	3.91	-13.300	-0.0036	-2.5 to 2.5	Pass
				-10	3.91	-14.500	-0.0039	-2.5 to 2.5	Pass
				0	3.91	-8.900	-0.0024	-2.5 to 2.5	Pass
				10	3.91	15.200	0.0041	-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	4.565	/	Pass
		3625	25	0	4.540	/	Pass
		3697.5	25	0	4.544	/	Pass
	16QAM	3552.5	25	0	4.540	/	Pass
		3625	25	0	4.519	/	Pass
		3697.5	25	0	4.547	/	Pass
	64QAM	3552.5	25	0	4.539	/	Pass
		3625	25	0	4.542	/	Pass
		3697.5	25	0	4.526	/	Pass
	256QAM	3552.5	25	0	4.531	/	Pass
		3625	25	0	4.516	/	Pass
		3697.5	25	0	4.499	/	Pass

10	QPSK	3555	50	0	9.055	/	Pass
		3625	50	0	9.021	/	Pass
		3695	50	0	9.031	/	Pass
	16QAM	3555	50	0	9.044	/	Pass
		3625	50	0	9.047	/	Pass
		3695	50	0	9.065	/	Pass
	64QAM	3555	50	0	9.057	/	Pass
		3625	50	0	9.054	/	Pass
		3695	50	0	9.066	/	Pass
15	QPSK	3555	50	0	9.030	/	Pass
		3625	50	0	9.011	/	Pass
		3695	50	0	9.048	/	Pass
	16QAM	3557.5	75	0	13.587	/	Pass
		3625	75	0	13.579	/	Pass
		3692.5	75	0	13.564	/	Pass
	64QAM	3557.5	75	0	13.597	/	Pass
		3625	75	0	13.589	/	Pass
		3692.5	75	0	13.523	/	Pass
20	QPSK	3557.5	75	0	13.567	/	Pass
		3625	75	0	13.548	/	Pass
		3692.5	75	0	13.530	/	Pass
	16QAM	3557.5	75	0	13.566	/	Pass
		3625	75	0	13.551	/	Pass
		3692.5	75	0	13.545	/	Pass
	64QAM	3560	100	0	18.101	/	Pass
		3625	100	0	18.067	/	Pass
		3690	100	0	18.069	/	Pass
20	QPSK	3560	100	0	18.122	/	Pass
		3625	100	0	18.105	/	Pass
		3690	100	0	18.053	/	Pass
	16QAM	3560	100	0	18.082	/	Pass
		3625	100	0	18.061	/	Pass
		3690	100	0	18.047	/	Pass
	64QAM	3560	100	0	18.023	/	Pass
		3625	100	0	18.096	/	Pass
		3690	100	0	18.028	/	Pass

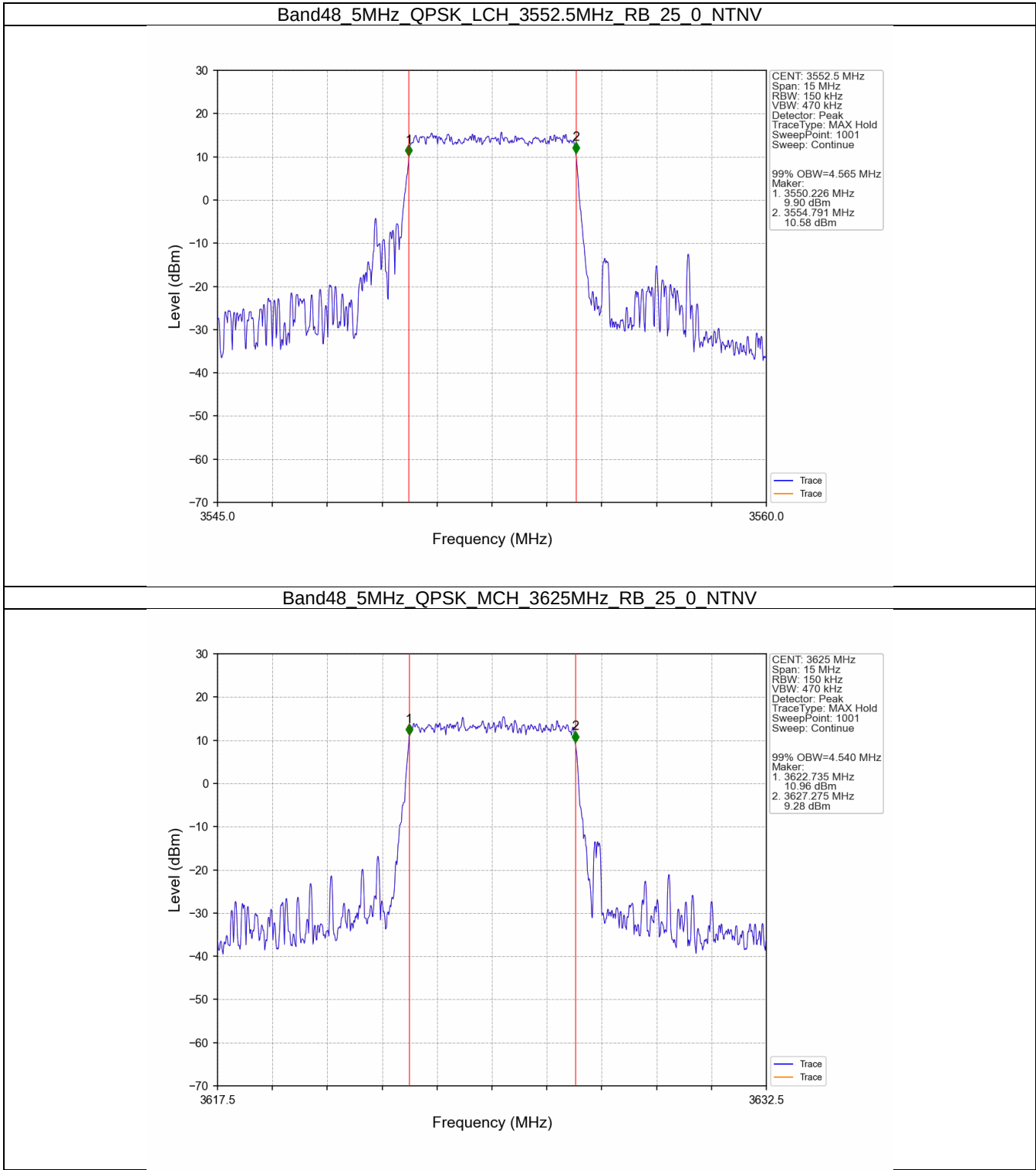
3.1.2 Band48_XDB

Band: 48 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	3552.5	25	0	5.737	/	Pass
		3625	25	0	5.026	/	Pass
		3697.5	25	0	5.168	/	Pass
	16QAM	3552.5	25	0	5.137	/	Pass
		3625	25	0	5.016	/	Pass
		3697.5	25	0	5.078	/	Pass
	64QAM	3552.5	25	0	5.407	/	Pass
		3625	25	0	5.083	/	Pass
		3697.5	25	0	4.984	/	Pass
10	QPSK	3552.5	25	0	5.116	/	Pass
		3625	25	0	5.092	/	Pass
		3697.5	25	0	4.997	/	Pass
	16QAM	3555	50	0	9.902	/	Pass
		3625	50	0	9.803	/	Pass
		3695	50	0	9.747	/	Pass
	64QAM	3555	50	0	9.902	/	Pass
		3625	50	0	9.803	/	Pass
		3695	50	0	9.747	/	Pass

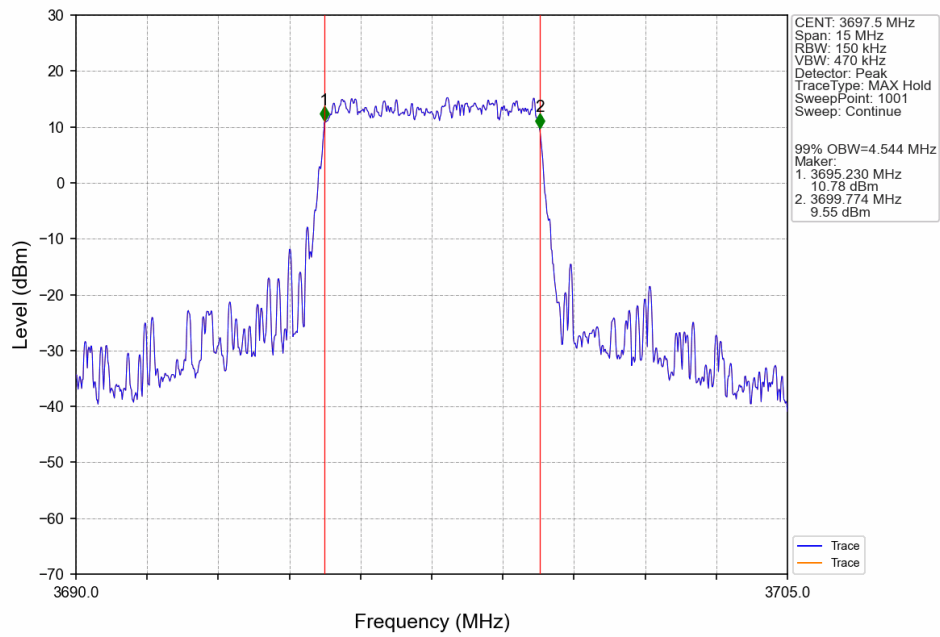
	16QAM	3555	50	0	10.361	/	Pass
		3625	50	0	9.800	/	Pass
		3695	50	0	9.921	/	Pass
	64QAM	3555	50	0	10.649	/	Pass
		3625	50	0	9.749	/	Pass
		3695	50	0	10.016	/	Pass
	256QAM	3555	50	0	9.935	/	Pass
		3625	50	0	9.765	/	Pass
		3695	50	0	9.757	/	Pass
15	QPSK	3557.5	75	0	14.913	/	Pass
		3625	75	0	14.756	/	Pass
		3692.5	75	0	14.681	/	Pass
	16QAM	3557.5	75	0	14.829	/	Pass
		3625	75	0	14.745	/	Pass
		3692.5	75	0	14.581	/	Pass
	64QAM	3557.5	75	0	15.494	/	Pass
		3625	75	0	14.540	/	Pass
		3692.5	75	0	15.174	/	Pass
20	QPSK	3557.5	75	0	14.999	/	Pass
		3625	75	0	14.666	/	Pass
		3692.5	75	0	14.736	/	Pass
	16QAM	3560	100	0	19.853	/	Pass
		3625	100	0	19.321	/	Pass
		3690	100	0	19.598	/	Pass
	64QAM	3560	100	0	20.132	/	Pass
		3625	100	0	19.763	/	Pass
		3690	100	0	19.605	/	Pass
	256QAM	3560	100	0	23.221	/	Pass
		3625	100	0	19.374	/	Pass
		3690	100	0	20.620	/	Pass
	QPSK	3560	100	0	19.586	/	Pass
		3625	100	0	20.487	/	Pass
		3690	100	0	19.378	/	Pass
	16QAM	3560	100	0	19.853	/	Pass
		3625	100	0	19.321	/	Pass
		3690	100	0	19.598	/	Pass

3.2 Test Graph

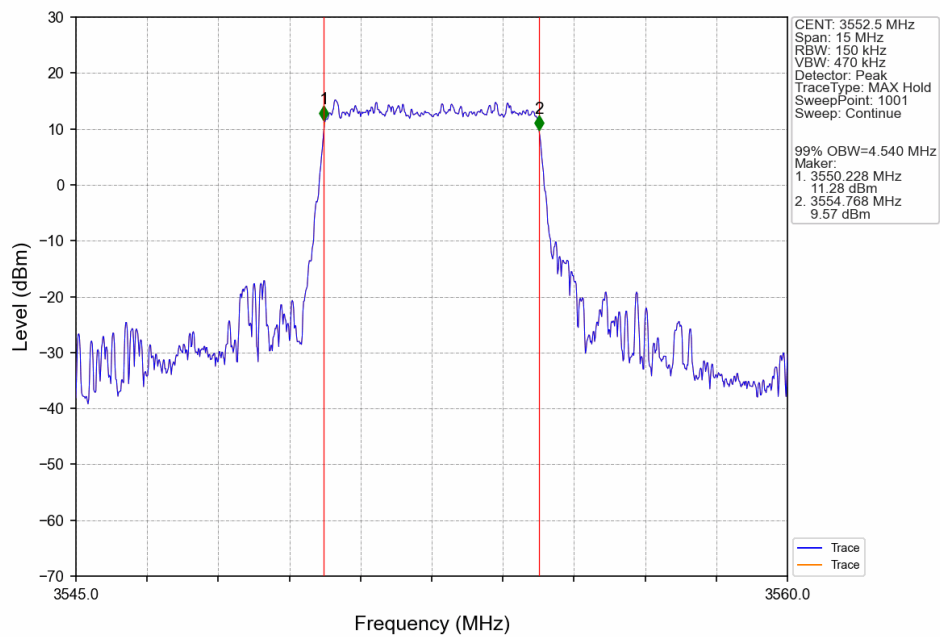
3.2.1 Band48_OBW



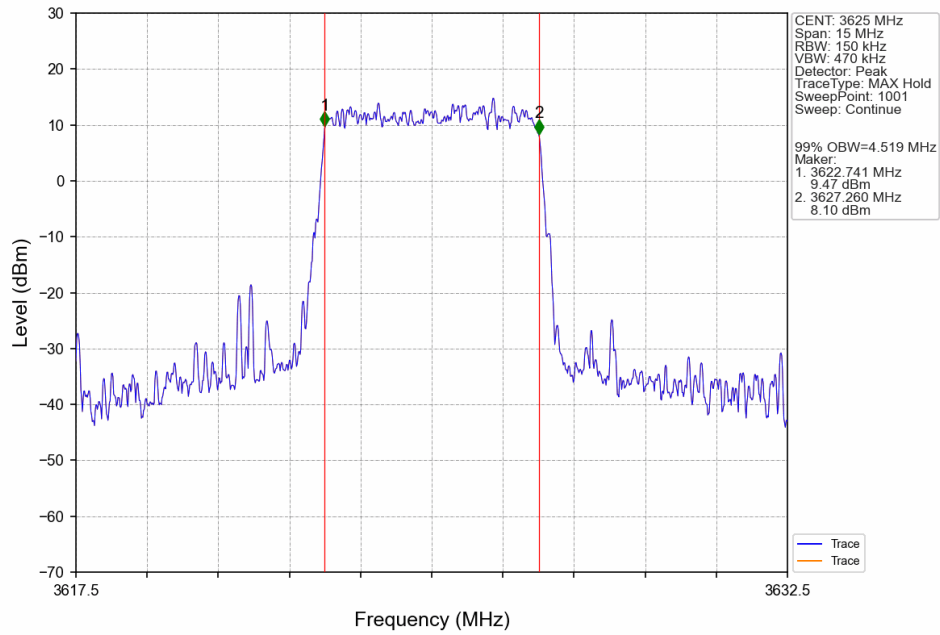
Band48 5MHz QPSK HCH 3697.5MHz RB 25 0 NTNV



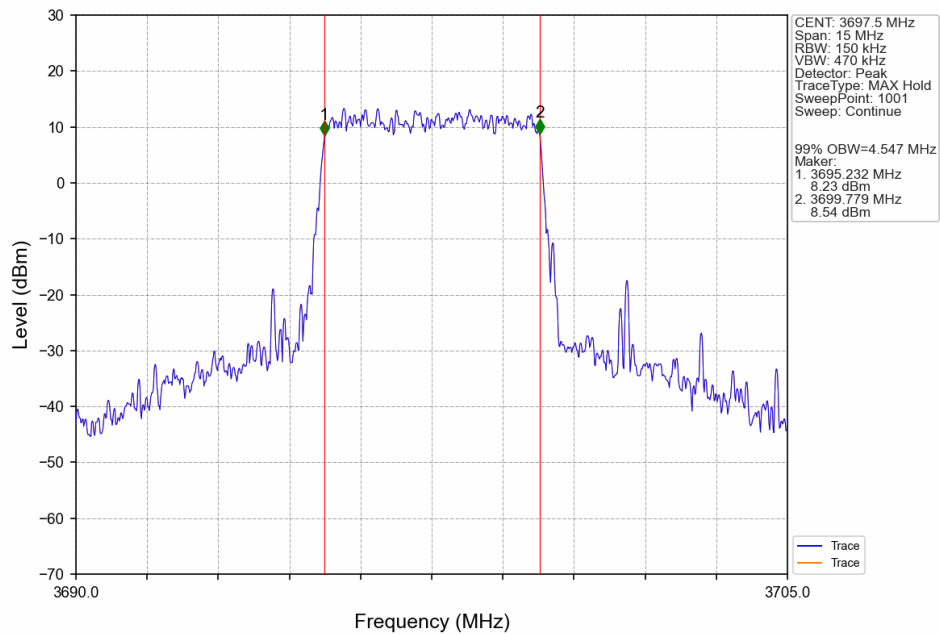
Band48 5MHz 16QAM LCH 3552.5MHz RB 25 0 NTNV



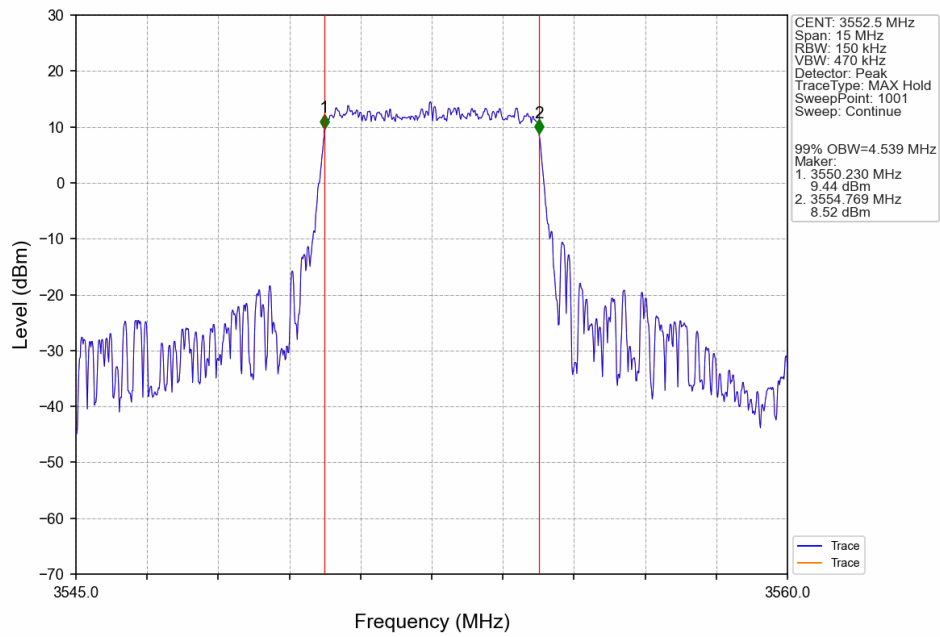
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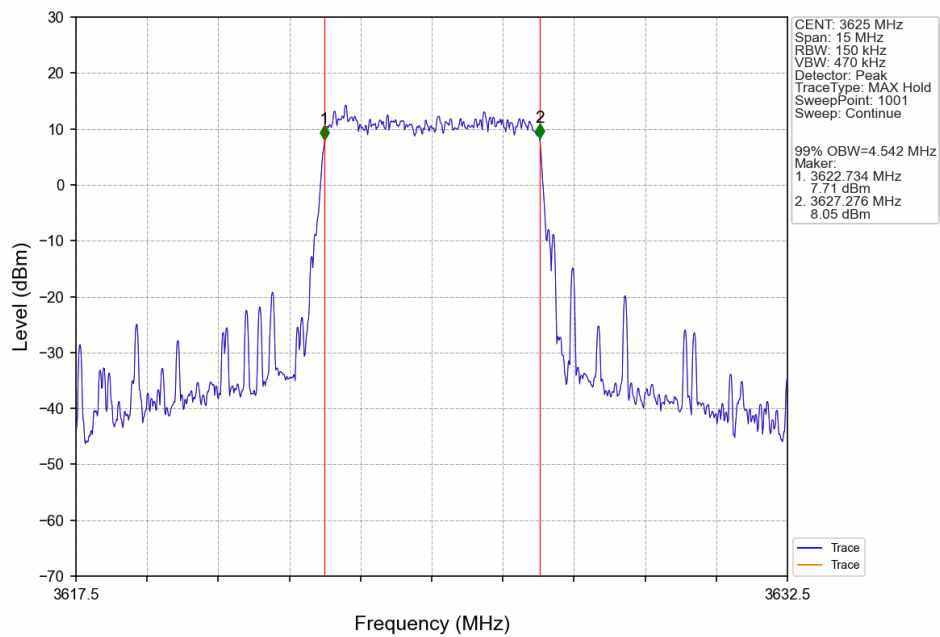
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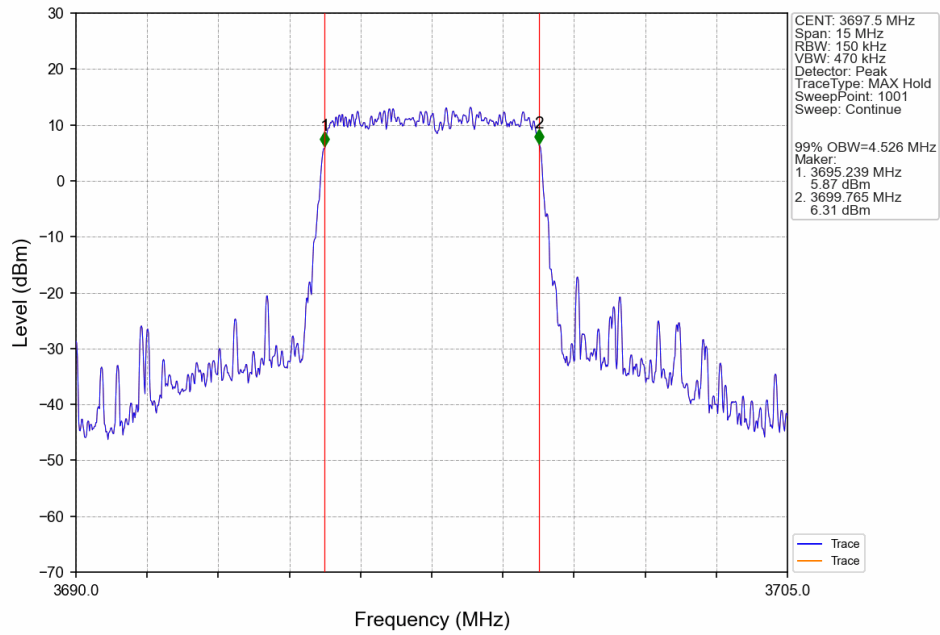
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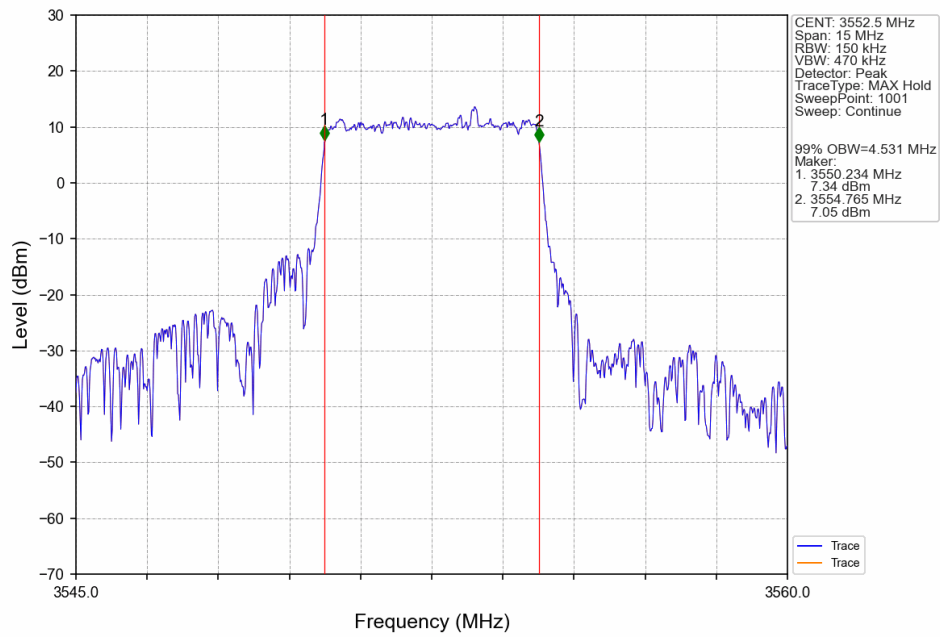
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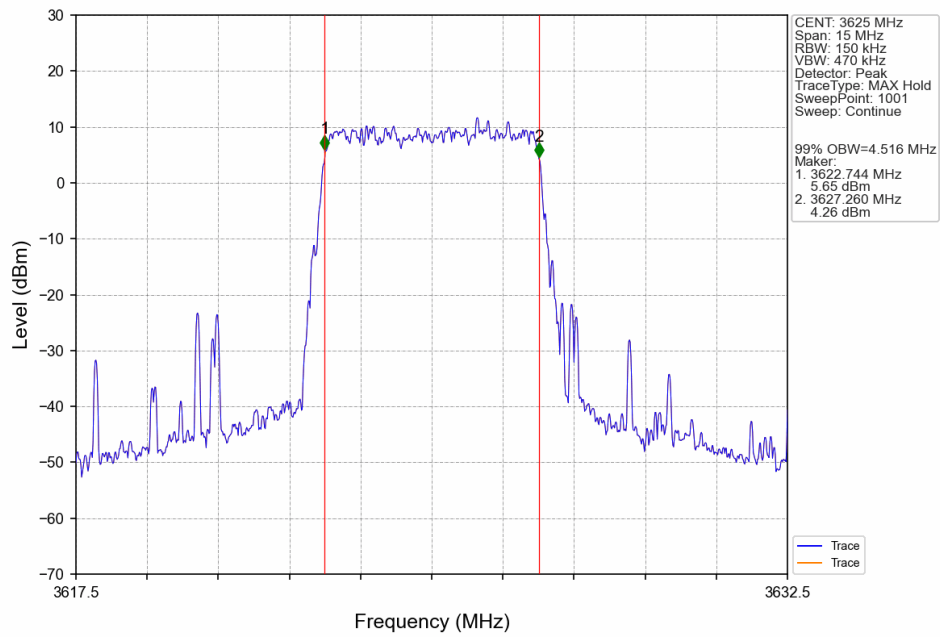
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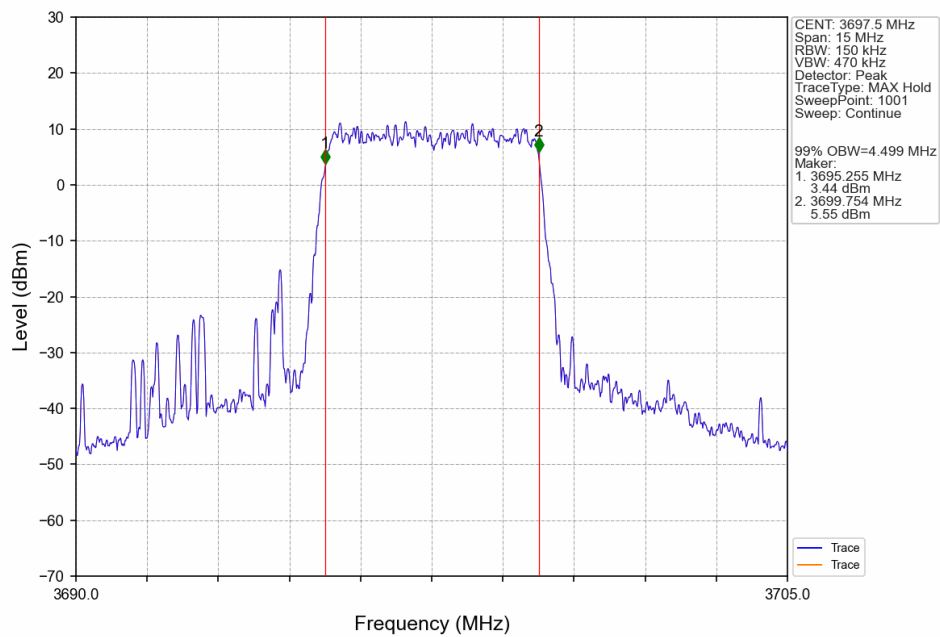
Band48 5MHz 256QAM LCH 3552.5MHz RB 25 0 NTN



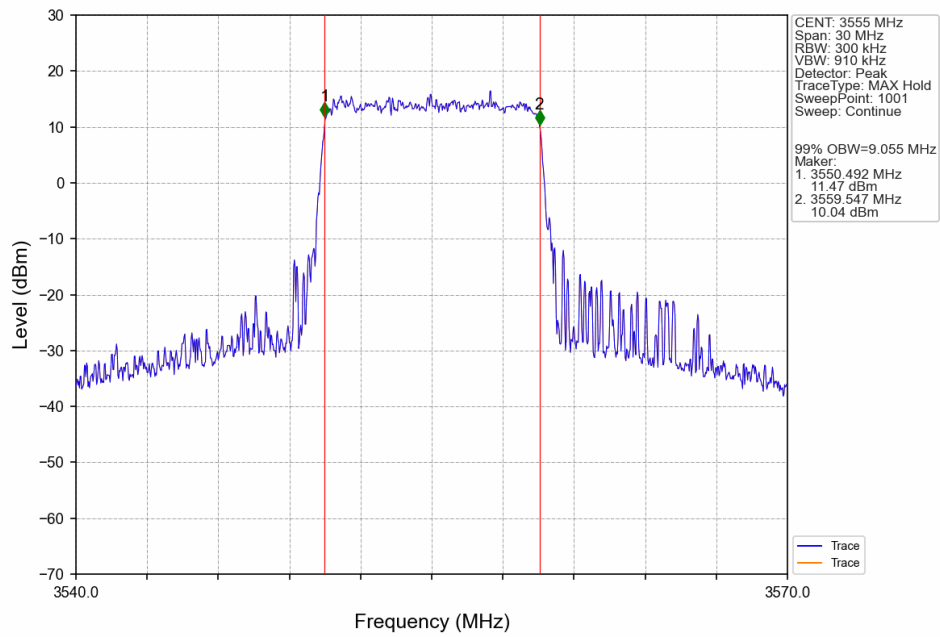
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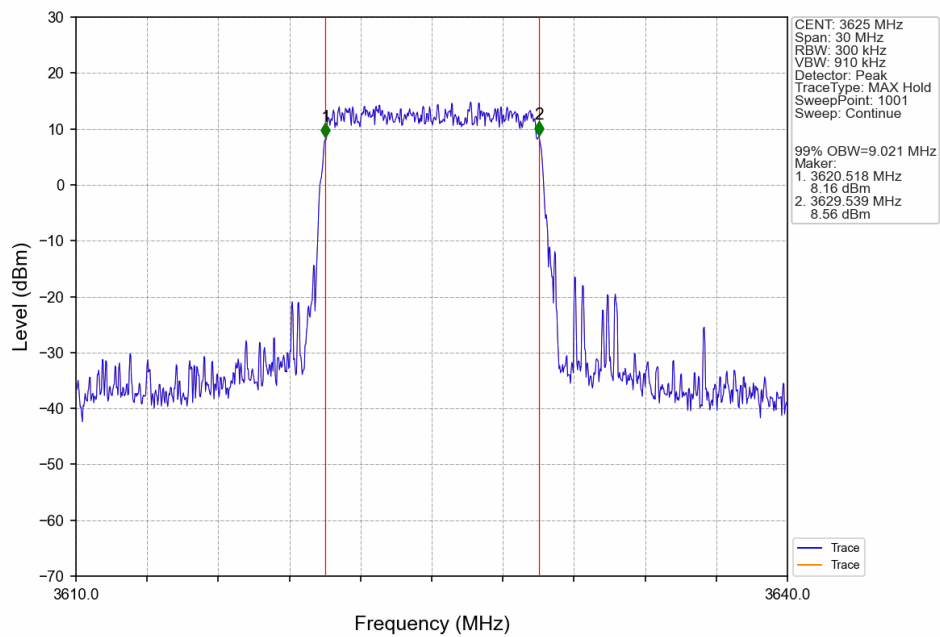
Band48 5MHz 256QAM HCH 3697.5MHz RB 25 0 NTN



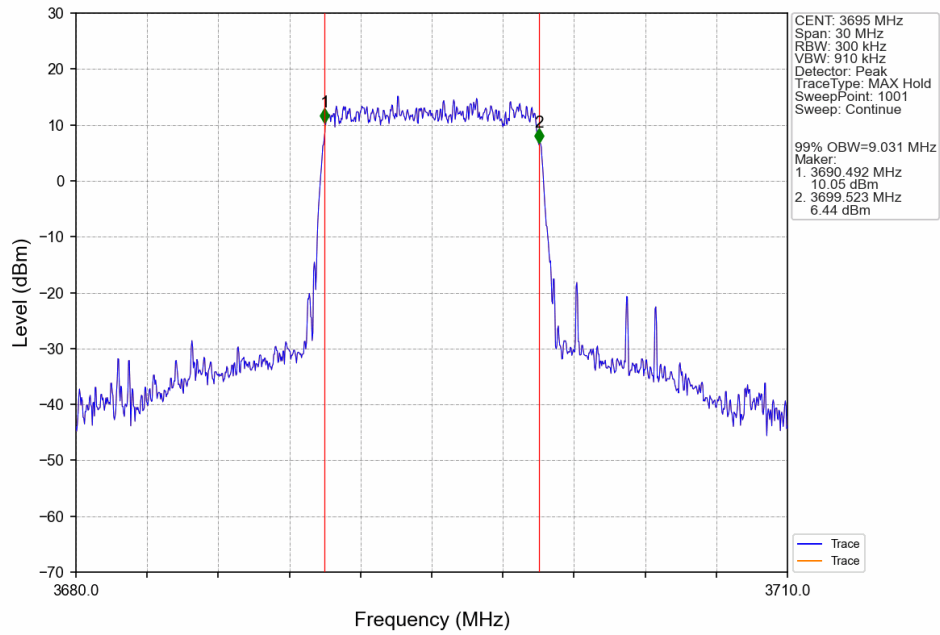
Band48 10MHz QPSK LCH 3555MHz RB 50 0 NTN



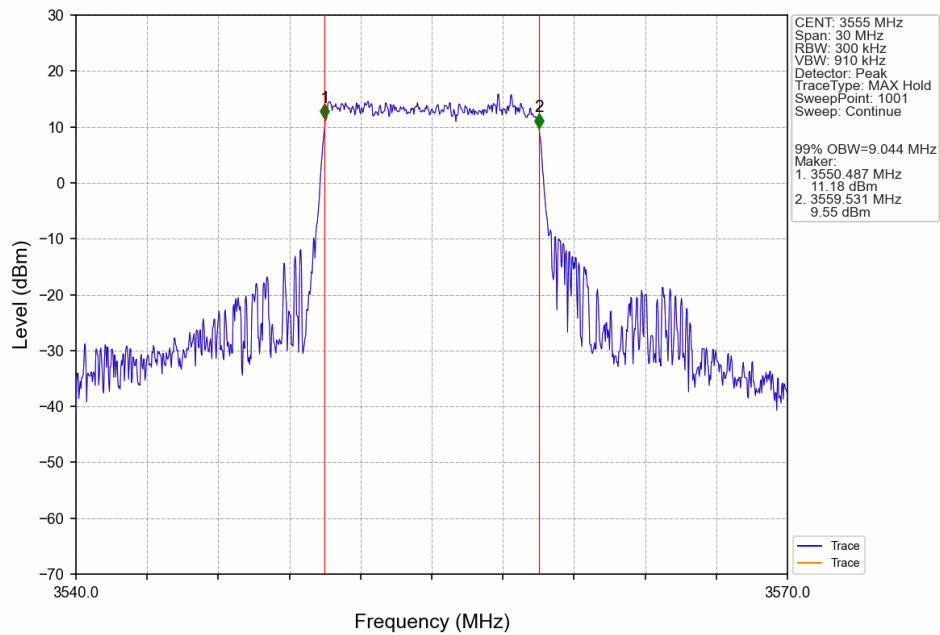
Band48 10MHz QPSK MCH 3625MHz RB 50 0 NTN



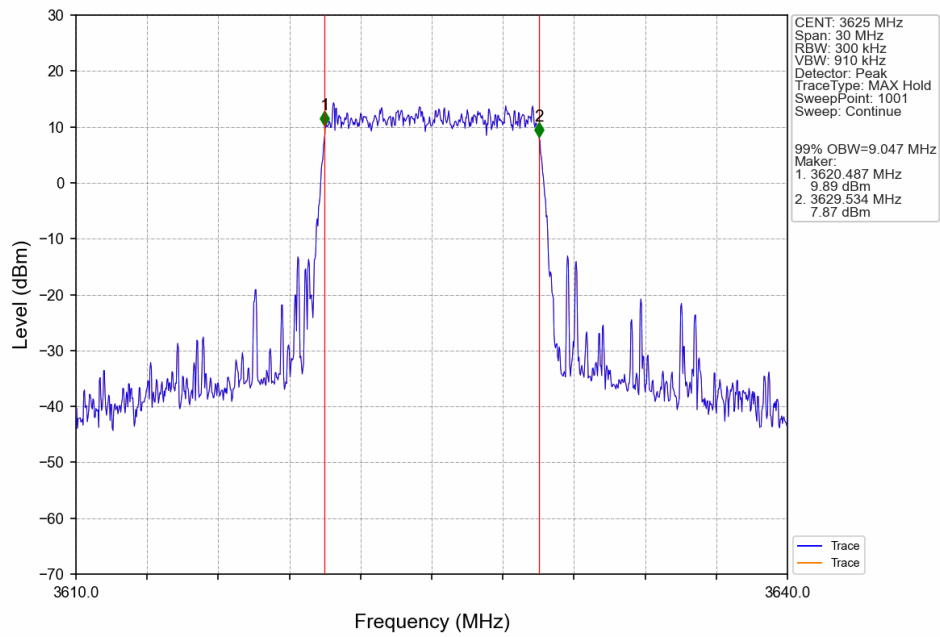
Band48 10MHz QPSK HCH 3695MHz RB 50 0 NTNV



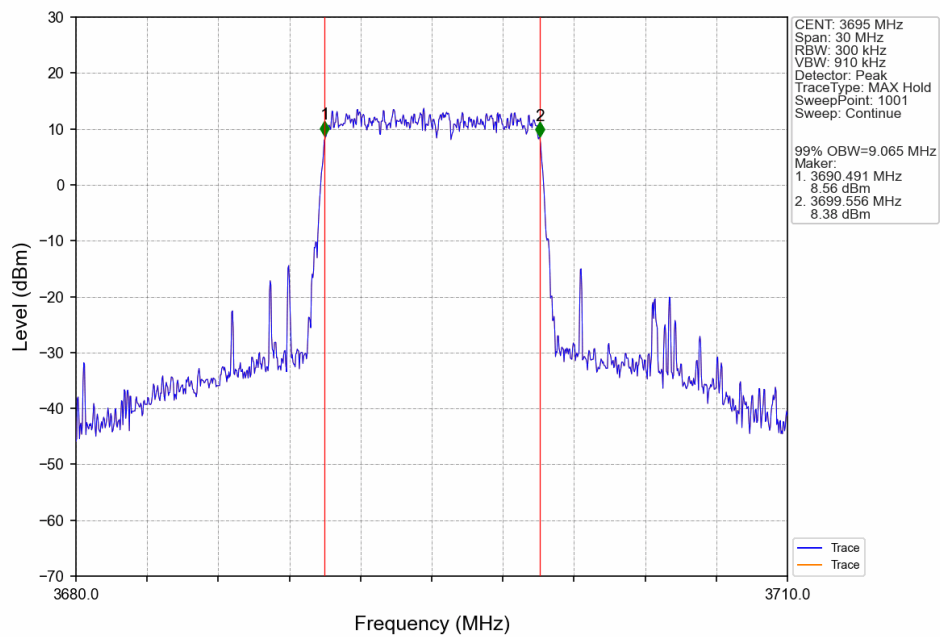
Band48 10MHz 16QAM LCH 3555MHz RB 50 0 NTNV



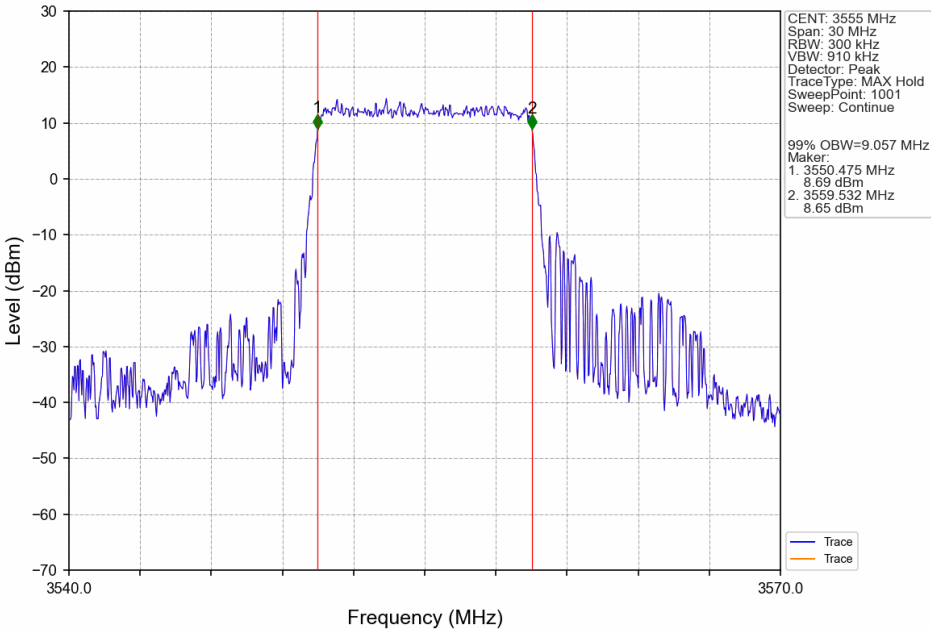
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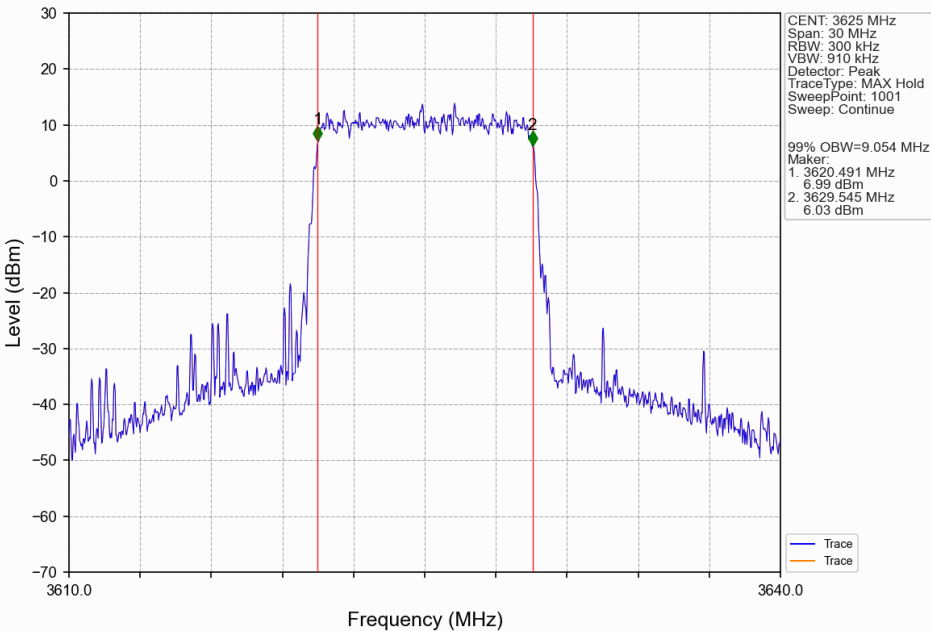
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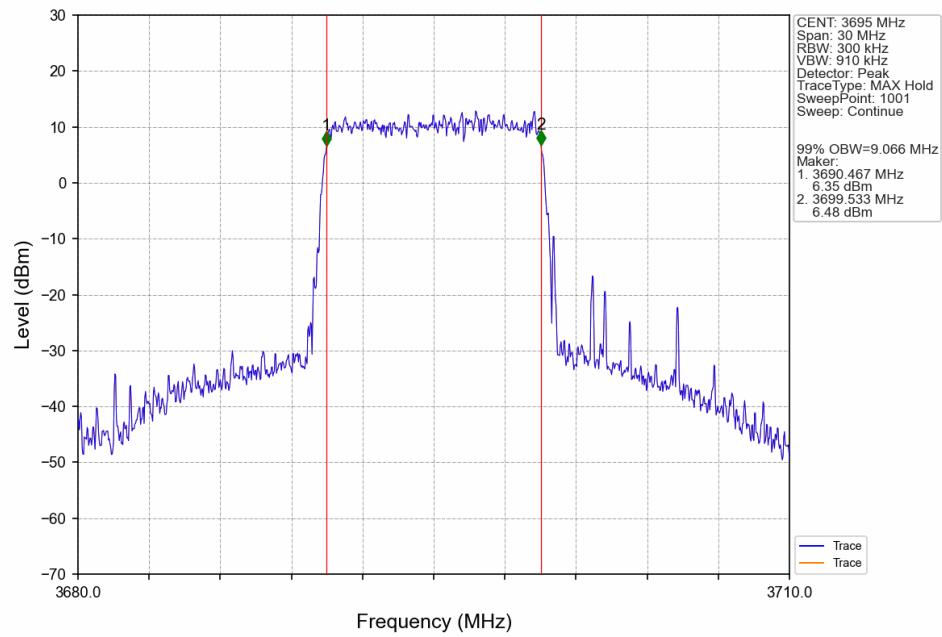
Band48 10MHz 64QAM LCH 3555MHz RB 50 0 NTNV



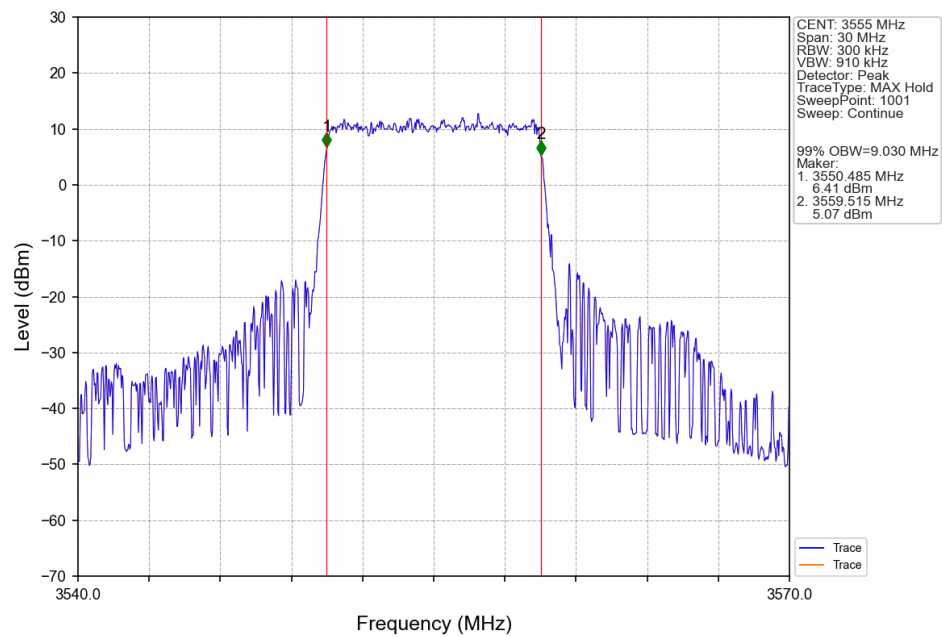
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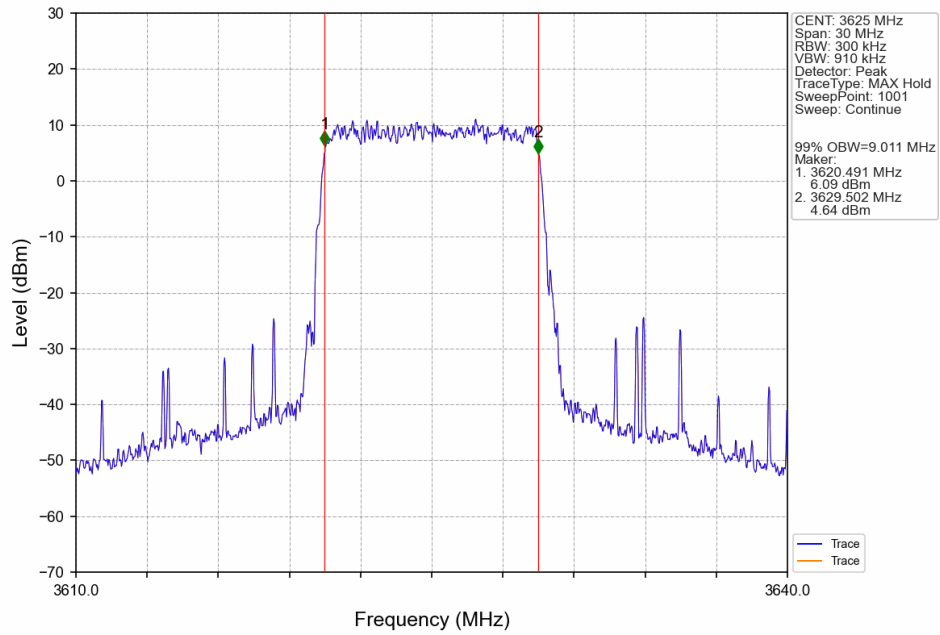
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Band48 10MHz 256QAM LCH 3555MHz RB 50 0 NTNV



Band48 10MHz 256QAM MCH 3625MHz RB 50 0 NTNV



Band48 10MHz 256QAM HCH 3695MHz RB 50 0 NTNV

