

1. Effective (Isotropic) Radiated Power Output Data

1.1 B48_5MHz_EIRP

1.1.1 Test Result

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	17.62	4.16	21.78	<=23	Pass		
			13	17.96	4.16	22.12	<=23	Pass		
			24	17.57	4.16	21.73	<=23	Pass		
		12	0	17.74	4.16	21.9	<=23	Pass		
			6	17.86	4.16	22.02	<=23	Pass		
			13	17.74	4.16	21.9	<=23	Pass		
		25	0	17.83	4.16	21.99	<=23	Pass		
		3625	1	0	16.69	4.16	20.85	<=23	Pass	
				13	17.00	4.16	21.16	<=23	Pass	
	24			16.62	4.16	20.78	<=23	Pass		
	12		0	16.74	4.16	20.9	<=23	Pass		
			6	16.87	4.16	21.03	<=23	Pass		
			13	16.70	4.16	20.86	<=23	Pass		
	25		0	16.72	4.16	20.88	<=23	Pass		
	3697.5		1	0	14.79	4.16	18.95	<=23	Pass	
				13	15.12	4.16	19.28	<=23	Pass	
		24		14.85	4.16	19.01	<=23	Pass		
		12	0	14.73	4.16	18.89	<=23	Pass		
			6	15.03	4.16	19.19	<=23	Pass		
			13	14.89	4.16	19.05	<=23	Pass		
		25	0	14.88	4.16	19.04	<=23	Pass		
		16QAM	3552.5	1	0	17.64	4.16	21.8	<=23	Pass
					13	17.99	4.16	22.15	<=23	Pass
	24				17.66	4.16	21.82	<=23	Pass	
12	0			17.77	4.16	21.93	<=23	Pass		
	6			17.71	4.16	21.87	<=23	Pass		
	13			17.67	4.16	21.83	<=23	Pass		
25	0			17.69	4.16	21.85	<=23	Pass		
3625	1			0	16.69	4.16	20.85	<=23	Pass	
				13	17.10	4.16	21.26	<=23	Pass	
			24	16.65	4.16	20.81	<=23	Pass		
	12		0	16.84	4.16	21	<=23	Pass		
			6	16.95	4.16	21.11	<=23	Pass		
			13	16.74	4.16	20.9	<=23	Pass		
	25		0	16.61	4.16	20.77	<=23	Pass		
	3697.5		1	0	14.68	4.16	18.84	<=23	Pass	
				13	15.00	4.16	19.16	<=23	Pass	
24				14.91	4.16	19.07	<=23	Pass		
12			0	14.93	4.16	19.09	<=23	Pass		
			6	15.02	4.16	19.18	<=23	Pass		
			13	14.94	4.16	19.1	<=23	Pass		
25			0	14.96	4.16	19.12	<=23	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.2 B48_5MHz_EIRP/10MHz

1.2.1 Test Result

Band: 48 / Bandwidth: 5MHz / NTN										
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	16.80	4.16	20.96	<=23	Pass		
			13	17.16	4.16	21.32	<=23	Pass		
			24	16.74	4.16	20.9	<=23	Pass		
		12	0	16.75	4.16	20.91	<=23	Pass		
			6	17.12	4.16	21.28	<=23	Pass		
			13	17.28	4.16	21.44	<=23	Pass		
		25	0	16.80	4.16	20.96	<=23	Pass		
		3625	1	0	16.60	4.16	20.76	<=23	Pass	
				13	17.43	4.16	21.59	<=23	Pass	
	24			16.72	4.16	20.88	<=23	Pass		
	12		0	16.26	4.16	20.42	<=23	Pass		
			6	16.95	4.16	21.11	<=23	Pass		
			13	16.59	4.16	20.75	<=23	Pass		
	25		0	16.62	4.16	20.78	<=23	Pass		
	3697.5		1	0	15.81	4.16	19.97	<=23	Pass	
				13	16.51	4.16	20.67	<=23	Pass	
		24		16.10	4.16	20.26	<=23	Pass		
		12	0	16.09	4.16	20.25	<=23	Pass		
			6	16.41	4.16	20.57	<=23	Pass		
			13	15.94	4.16	20.1	<=23	Pass		
		25	0	15.55	4.16	19.71	<=23	Pass		
		16QAM	3552.5	1	0	16.56	4.16	20.72	<=23	Pass
					13	17.16	4.16	21.32	<=23	Pass
	24				16.68	4.16	20.84	<=23	Pass	
12	0			16.84	4.16	21	<=23	Pass		
	6			16.80	4.16	20.96	<=23	Pass		
	13			16.59	4.16	20.75	<=23	Pass		
25	0			16.94	4.16	21.1	<=23	Pass		
3625	1			0	16.52	4.16	20.68	<=23	Pass	
				13	17.25	4.16	21.41	<=23	Pass	
			24	16.41	4.16	20.57	<=23	Pass		
	12		0	16.57	4.16	20.73	<=23	Pass		
			6	17.02	4.16	21.18	<=23	Pass		
			13	15.74	4.16	19.9	<=23	Pass		
	25		0	16.70	4.16	20.86	<=23	Pass		
	3697.5		1	0	16.43	4.16	20.59	<=23	Pass	
				13	16.05	4.16	20.21	<=23	Pass	
24				16.43	4.16	20.59	<=23	Pass		
12			0	15.82	4.16	19.98	<=23	Pass		
			6	16.68	4.16	20.84	<=23	Pass		
			13	15.91	4.16	20.07	<=23	Pass		
25			0	15.75	4.16	19.91	<=23	Pass		

Note1: EIRP/10MHz=Conducted Power+Antenna Gain

1.3 B48_10MHz_EIRP

1.3.1 Test Result

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	17.09	4.16	21.25	<=23	Pass		
			25	17.92	4.16	22.08	<=23	Pass		
			49	17.07	4.16	21.23	<=23	Pass		
		25	0	17.50	4.16	21.66	<=23	Pass		
			13	17.64	4.16	21.8	<=23	Pass		
			25	17.47	4.16	21.63	<=23	Pass		
		50	0	17.45	4.16	21.61	<=23	Pass		
		3625	1	0	16.26	4.16	20.42	<=23	Pass	
				25	16.97	4.16	21.13	<=23	Pass	
	49			16.03	4.16	20.19	<=23	Pass		
	25		0	16.54	4.16	20.7	<=23	Pass		
			13	16.71	4.16	20.87	<=23	Pass		
			25	16.41	4.16	20.57	<=23	Pass		
	50		0	16.45	4.16	20.61	<=23	Pass		
	3695		1	0	14.33	4.16	18.49	<=23	Pass	
				25	15.09	4.16	19.25	<=23	Pass	
		49		14.33	4.16	18.49	<=23	Pass		
		25	0	14.69	4.16	18.85	<=23	Pass		
			13	14.92	4.16	19.08	<=23	Pass		
			25	14.73	4.16	18.89	<=23	Pass		
		50	0	14.67	4.16	18.83	<=23	Pass		
		16QAM	3555	1	0	17.21	4.16	21.37	<=23	Pass
					25	17.79	4.16	21.95	<=23	Pass
	49				16.83	4.16	20.99	<=23	Pass	
25	0			17.56	4.16	21.72	<=23	Pass		
	13			17.73	4.16	21.89	<=23	Pass		
	25			17.49	4.16	21.65	<=23	Pass		
50	0			17.39	4.16	21.55	<=23	Pass		
3625	1			0	16.31	4.16	20.47	<=23	Pass	
				25	16.75	4.16	20.91	<=23	Pass	
			49	16.14	4.16	20.3	<=23	Pass		
	25		0	16.47	4.16	20.63	<=23	Pass		
			13	16.70	4.16	20.86	<=23	Pass		
			25	16.50	4.16	20.66	<=23	Pass		
	50		0	16.43	4.16	20.59	<=23	Pass		
	3695		1	0	14.34	4.16	18.5	<=23	Pass	
				25	15.32	4.16	19.48	<=23	Pass	
49				14.07	4.16	18.23	<=23	Pass		
25			0	14.69	4.16	18.85	<=23	Pass		
			13	14.87	4.16	19.03	<=23	Pass		
			25	14.73	4.16	18.89	<=23	Pass		
50			0	14.62	4.16	18.78	<=23	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.4 B48_10MHz_EIRP/10MHz

1.4.1 Test Result

Band: 48 / Bandwidth: 10MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm/10MHz)	Gain (dBi)	EIRP/10MHz (dBm/10MHz)		Verdict		
		Size	Offset			Result	Limit			
QPSK	3555	1	0	16.29	4.16	20.45	<=23	Pass		
			25	16.91	4.16	21.07	<=23	Pass		
			49	16.05	4.16	20.21	<=23	Pass		
		25	0	16.49	4.16	20.65	<=23	Pass		
			13	16.81	4.16	20.97	<=23	Pass		
			25	16.44	4.16	20.6	<=23	Pass		
		50	0	16.34	4.16	20.5	<=23	Pass		
		3625	1	0	16.09	4.16	20.25	<=23	Pass	
				25	16.71	4.16	20.87	<=23	Pass	
	49			16.02	4.16	20.18	<=23	Pass		
	25		0	16.73	4.16	20.89	<=23	Pass		
			13	16.71	4.16	20.87	<=23	Pass		
			25	16.20	4.16	20.36	<=23	Pass		
	50		0	16.30	4.16	20.46	<=23	Pass		
	3695		1	0	15.91	4.16	20.07	<=23	Pass	
				25	16.26	4.16	20.42	<=23	Pass	
		49		15.44	4.16	19.6	<=23	Pass		
		25	0	15.67	4.16	19.83	<=23	Pass		
			13	16.15	4.16	20.31	<=23	Pass		
			25	15.50	4.16	19.66	<=23	Pass		
		50	0	15.80	4.16	19.96	<=23	Pass		
		16QAM	3555	1	0	16.27	4.16	20.43	<=23	Pass
					25	16.71	4.16	20.87	<=23	Pass
	49				16.10	4.16	20.26	<=23	Pass	
25	0			16.40	4.16	20.56	<=23	Pass		
	13			16.70	4.16	20.86	<=23	Pass		
	25			16.52	4.16	20.68	<=23	Pass		
50	0			16.24	4.16	20.4	<=23	Pass		
3625	1			0	15.87	4.16	20.03	<=23	Pass	
				25	16.98	4.16	21.14	<=23	Pass	
			49	15.86	4.16	20.02	<=23	Pass		
	25		0	16.16	4.16	20.32	<=23	Pass		
			13	16.76	4.16	20.92	<=23	Pass		
			25	16.52	4.16	20.68	<=23	Pass		
	50		0	16.28	4.16	20.44	<=23	Pass		
	3695		1	0	15.90	4.16	20.06	<=23	Pass	
				25	16.34	4.16	20.5	<=23	Pass	
49				15.70	4.16	19.86	<=23	Pass		
25			0	15.88	4.16	20.04	<=23	Pass		
			13	15.89	4.16	20.05	<=23	Pass		
			25	15.67	4.16	19.83	<=23	Pass		
50			0	15.65	4.16	19.81	<=23	Pass		

Note1: EIRP/10MHz=Conducted Power+Antenna Gain

1.5 B48_15MHz_EIRP

1.5.1 Test Result

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	17.71	4.16	21.87	<=23	Pass		
			38	17.91	4.16	22.07	<=23	Pass		
			74	17.66	4.16	21.82	<=23	Pass		
		36	0	17.54	4.16	21.7	<=23	Pass		
			18	17.76	4.16	21.92	<=23	Pass		
			39	17.55	4.16	21.71	<=23	Pass		
		75	0	17.56	4.16	21.72	<=23	Pass		
		3625	1	0	16.97	4.16	21.13	<=23	Pass	
				38	16.91	4.16	21.07	<=23	Pass	
	74			16.59	4.16	20.75	<=23	Pass		
	36		0	16.64	4.16	20.8	<=23	Pass		
			18	16.78	4.16	20.94	<=23	Pass		
			39	16.53	4.16	20.69	<=23	Pass		
	75	0	16.56	4.16	20.72	<=23	Pass			
	3692.5	1	0	15.01	4.16	19.17	<=23	Pass		
			38	15.11	4.16	19.27	<=23	Pass		
			74	15.01	4.16	19.17	<=23	Pass		
		36	0	14.87	4.16	19.03	<=23	Pass		
			18	14.90	4.16	19.06	<=23	Pass		
			39	14.80	4.16	18.96	<=23	Pass		
		75	0	14.86	4.16	19.02	<=23	Pass		
		16QAM	3557.5	1	0	17.62	4.16	21.78	<=23	Pass
					38	17.83	4.16	21.99	<=23	Pass
	74				17.83	4.16	21.99	<=23	Pass	
36	0			17.62	4.16	21.78	<=23	Pass		
	18			17.69	4.16	21.85	<=23	Pass		
	39			17.57	4.16	21.73	<=23	Pass		
75	0			17.50	4.16	21.66	<=23	Pass		
3625	1			0	16.95	4.16	21.11	<=23	Pass	
				38	16.68	4.16	20.84	<=23	Pass	
			74	16.68	4.16	20.84	<=23	Pass		
	36		0	16.71	4.16	20.87	<=23	Pass		
			18	16.75	4.16	20.91	<=23	Pass		
			39	16.51	4.16	20.67	<=23	Pass		
75	0		16.47	4.16	20.63	<=23	Pass			
3692.5	1		0	14.97	4.16	19.13	<=23	Pass		
			38	15.25	4.16	19.41	<=23	Pass		
			74	15.10	4.16	19.26	<=23	Pass		
	36		0	14.78	4.16	18.94	<=23	Pass		
			18	14.92	4.16	19.08	<=23	Pass		
			39	14.75	4.16	18.91	<=23	Pass		
	75		0	14.82	4.16	18.98	<=23	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.6 B48_15MHz_EIRP/10MHz

1.6.1 Test Result

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	16.73	4.16	20.89	<=23	Pass		
			38	16.86	4.16	21.02	<=23	Pass		
			74	16.77	4.16	20.93	<=23	Pass		
		36	0	16.59	4.16	20.75	<=23	Pass		
			18	16.64	4.16	20.8	<=23	Pass		
			39	16.34	4.16	20.5	<=23	Pass		
		75	0	15.07	4.16	19.23	<=23	Pass		
		3625	1	0	16.59	4.16	20.75	<=23	Pass	
				38	16.80	4.16	20.96	<=23	Pass	
	74			16.74	4.16	20.9	<=23	Pass		
	36		0	16.08	4.16	20.24	<=23	Pass		
			18	16.68	4.16	20.84	<=23	Pass		
			39	16.59	4.16	20.75	<=23	Pass		
	75		0	15.33	4.16	19.49	<=23	Pass		
	3692.5		1	0	16.30	4.16	20.46	<=23	Pass	
				38	15.99	4.16	20.15	<=23	Pass	
		74		15.71	4.16	19.87	<=23	Pass		
		36	0	16.01	4.16	20.17	<=23	Pass		
			18	16.16	4.16	20.32	<=23	Pass		
			39	16.07	4.16	20.23	<=23	Pass		
		75	0	14.52	4.16	18.68	<=23	Pass		
		16QAM	3557.5	1	0	16.86	4.16	21.02	<=23	Pass
					38	16.75	4.16	20.91	<=23	Pass
	74				16.67	4.16	20.83	<=23	Pass	
36	0			16.53	4.16	20.69	<=23	Pass		
	18			16.64	4.16	20.8	<=23	Pass		
	39			16.44	4.16	20.6	<=23	Pass		
75	0			15.00	4.16	19.16	<=23	Pass		
3625	1			0	16.35	4.16	20.51	<=23	Pass	
				38	16.61	4.16	20.77	<=23	Pass	
			74	17.08	4.16	21.24	<=23	Pass		
	36		0	16.51	4.16	20.67	<=23	Pass		
			18	16.62	4.16	20.78	<=23	Pass		
			39	16.79	4.16	20.95	<=23	Pass		
	75		0	15.14	4.16	19.3	<=23	Pass		
	3692.5		1	0	15.99	4.16	20.15	<=23	Pass	
				38	16.60	4.16	20.76	<=23	Pass	
74				16.43	4.16	20.59	<=23	Pass		
36			0	15.65	4.16	19.81	<=23	Pass		
			18	16.31	4.16	20.47	<=23	Pass		
			39	15.70	4.16	19.86	<=23	Pass		
75			0	14.81	4.16	18.97	<=23	Pass		

Note1: EIRP/10MHz=Conducted Power+Antenna Gain

1.7 B48_20MHz_EIRP

1.7.1 Test Result

Band: 48 / Bandwidth: 20MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	3560	1	0	18.51	4.16	22.67	<=23	Pass		
			50	17.85	4.16	22.01	<=23	Pass		
			99	18.35	4.16	22.51	<=23	Pass		
		50	0	18.06	4.16	22.22	<=23	Pass		
			25	17.91	4.16	22.07	<=23	Pass		
			50	18.00	4.16	22.16	<=23	Pass		
		100	0	18.08	4.16	22.24	<=23	Pass		
		3625	1	0	17.59	4.16	21.75	<=23	Pass	
				50	16.88	4.16	21.04	<=23	Pass	
	99			17.28	4.16	21.44	<=23	Pass		
	50		0	17.16	4.16	21.32	<=23	Pass		
			25	16.98	4.16	21.14	<=23	Pass		
			50	17.02	4.16	21.18	<=23	Pass		
	100		0	17.05	4.16	21.21	<=23	Pass		
	3690		1	0	16.00	4.16	20.16	<=23	Pass	
				50	15.26	4.16	19.42	<=23	Pass	
		99		15.64	4.16	19.8	<=23	Pass		
		50	0	15.55	4.16	19.71	<=23	Pass		
			25	15.43	4.16	19.59	<=23	Pass		
			50	15.50	4.16	19.66	<=23	Pass		
		100	0	15.45	4.16	19.61	<=23	Pass		
		16QAM	3560	1	0	18.45	4.16	22.61	<=23	Pass
					50	17.87	4.16	22.03	<=23	Pass
	99				18.31	4.16	22.47	<=23	Pass	
50	0			18.05	4.16	22.21	<=23	Pass		
	25			17.90	4.16	22.06	<=23	Pass		
	50			17.92	4.16	22.08	<=23	Pass		
100	0			18.04	4.16	22.2	<=23	Pass		
3625	1			0	17.57	4.16	21.73	<=23	Pass	
				50	17.04	4.16	21.2	<=23	Pass	
			99	17.20	4.16	21.36	<=23	Pass		
	50		0	17.19	4.16	21.35	<=23	Pass		
			25	17.03	4.16	21.19	<=23	Pass		
			50	17.00	4.16	21.16	<=23	Pass		
	100		0	17.13	4.16	21.29	<=23	Pass		
	3690		1	0	15.45	4.16	19.61	<=23	Pass	
				50	15.48	4.16	19.64	<=23	Pass	
99				15.45	4.16	19.61	<=23	Pass		
50			0	15.44	4.16	19.6	<=23	Pass		
			25	15.41	4.16	19.57	<=23	Pass		
			50	15.41	4.16	19.57	<=23	Pass		
100			0	15.40	4.16	19.56	<=23	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.8 B48_20MHz_EIRP/10MHz

1.8.1 Test Result

Band: 48 / Bandwidth: 20MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm/10MHz)	Gain (dBi)	EIRP/10MHz (dBm/10MHz)		Verdict		
		Size	Offset			Result	Limit			
QPSK	3560	1	0	17.41	4.16	21.57	<=23	Pass		
			50	16.75	4.16	20.91	<=23	Pass		
			99	16.99	4.16	21.15	<=23	Pass		
		50	0	16.95	4.16	21.11	<=23	Pass		
			25	16.83	4.16	20.99	<=23	Pass		
			50	16.96	4.16	21.12	<=23	Pass		
		100	0	14.40	4.16	18.56	<=23	Pass		
		3625	1	0	17.50	4.16	21.66	<=23	Pass	
				50	17.22	4.16	21.38	<=23	Pass	
	99			17.35	4.16	21.51	<=23	Pass		
	50		0	16.77	4.16	20.93	<=23	Pass		
			25	16.89	4.16	21.05	<=23	Pass		
			50	16.94	4.16	21.1	<=23	Pass		
	100		0	13.98	4.16	18.14	<=23	Pass		
	3690		1	0	16.84	4.16	21	<=23	Pass	
				50	16.10	4.16	20.26	<=23	Pass	
		99		16.59	4.16	20.75	<=23	Pass		
		50	0	16.37	4.16	20.53	<=23	Pass		
			25	13.71	4.16	17.87	<=23	Pass		
			50	13.76	4.16	17.92	<=23	Pass		
		100	0	14.08	4.16	18.24	<=23	Pass		
		16QAM	3560	1	0	17.66	4.16	21.82	<=23	Pass
					50	17.05	4.16	21.21	<=23	Pass
	99				17.18	4.16	21.34	<=23	Pass	
50	0			17.03	4.16	21.19	<=23	Pass		
	25			16.74	4.16	20.9	<=23	Pass		
	50			16.95	4.16	21.11	<=23	Pass		
100	0			14.28	4.16	18.44	<=23	Pass		
3625	1			0	17.19	4.16	21.35	<=23	Pass	
				50	17.04	4.16	21.2	<=23	Pass	
			99	17.64	4.16	21.8	<=23	Pass		
	50		0	17.19	4.16	21.35	<=23	Pass		
			25	17.53	4.16	21.69	<=23	Pass		
			50	16.62	4.16	20.78	<=23	Pass		
	100		0	14.15	4.16	18.31	<=23	Pass		
	3690		1	0	11.18	4.16	15.34	<=23	Pass	
				50	13.62	4.16	17.78	<=23	Pass	
99				11.24	4.16	15.4	<=23	Pass		
50			0	13.74	4.16	17.9	<=23	Pass		
			25	13.73	4.16	17.89	<=23	Pass		
			50	13.79	4.16	17.95	<=23	Pass		
100			0	14.09	4.16	18.25	<=23	Pass		

Note1: EIRP/10MHz=Conducted Power+Antenna Gain