

Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

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1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B48_5MHz_EIRP

Band: 48 / Bandwidth: 5MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	3552.5	1	0	18.08	3.30	21.38	/	Pass
			13	18.30	3.30	21.60	/	Pass
			24	18.34	3.30	21.64	/	Pass
		12	0	18.22	3.30	21.52	/	Pass
			6	18.24	3.30	21.54	/	Pass
			13	18.39	3.30	21.69	/	Pass
		25	0	18.33	3.30	21.63	/	Pass
	3625	1	0	18.10	3.30	21.40	/	Pass
			13	18.03	3.30	21.33	/	Pass
			24	18.04	3.30	21.34	/	Pass
		12	0	18.08	3.30	21.38	/	Pass
			6	18.16	3.30	21.46	/	Pass
			13	18.10	3.30	21.40	/	Pass
		25	0	18.10	3.30	21.40	/	Pass
	3697.5	1	0	18.52	3.30	21.82	/	Pass
			13	18.45	3.30	21.75	/	Pass
			24	18.46	3.30	21.76	/	Pass
		12	0	18.43	3.30	21.73	/	Pass
			6	18.55	3.30	21.85	/	Pass
			13	18.51	3.30	21.81	/	Pass
		25	0	18.56	3.30	21.86	/	Pass
16QAM	3552.5	1	0	17.97	3.30	21.27	/	Pass
			13	18.13	3.30	21.43	/	Pass
			24	18.35	3.30	21.65	/	Pass
		12	0	18.24	3.30	21.54	/	Pass
			6	18.33	3.30	21.63	/	Pass
			13	18.37	3.30	21.67	/	Pass
		25	0	18.30	3.30	21.60	/	Pass
	3625	1	0	18.03	3.30	21.33	/	Pass
			13	18.15	3.30	21.45	/	Pass
			24	18.09	3.30	21.39	/	Pass
		12	0	18.10	3.30	21.40	/	Pass
			6	18.13	3.30	21.43	/	Pass
			13	18.07	3.30	21.37	/	Pass
		25	0	18.14	3.30	21.44	/	Pass
	3697.5	1	0	18.48	3.30	21.78	/	Pass
			13	18.37	3.30	21.67	/	Pass
			24	18.49	3.30	21.79	/	Pass
		12	0	18.46	3.30	21.76	/	Pass
			6	18.56	3.30	21.86	/	Pass
			13	18.56	3.30	21.86	/	Pass
		25	0	18.57	3.30	21.87	/	Pass
64QAM	3552.5	1	0	17.97	3.30	21.27	/	Pass

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			13	18.40	3.30	21.70	/	Pass	
			24	18.37	3.30	21.67	/	Pass	
			12	0	18.30	3.30	21.60	/	Pass
				6	18.35	3.30	21.65	/	Pass
				13	18.36	3.30	21.66	/	Pass
		25	0	18.28	3.30	21.58	/	Pass	
		3625	1	0	18.02	3.30	21.32	/	Pass
				13	18.14	3.30	21.44	/	Pass
				24	18.01	3.30	21.31	/	Pass
			12	0	18.07	3.30	21.37	/	Pass
	6			18.11	3.30	21.41	/	Pass	
	13			18.08	3.30	21.38	/	Pass	
	25		0	18.08	3.30	21.38	/	Pass	
	3697.5		1	0	18.36	3.30	21.66	/	Pass
				13	18.27	3.30	21.57	/	Pass
		24		18.24	3.30	21.54	/	Pass	
		12	0	18.28	3.30	21.58	/	Pass	
			6	18.39	3.30	21.69	/	Pass	
			13	18.38	3.30	21.68	/	Pass	
		25	0	18.36	3.30	21.66	/	Pass	
		256QAM	3552.5	1	0	16.31	3.30	19.61	/
	13				16.22	3.30	19.52	/	Pass
	24				16.26	3.30	19.56	/	Pass
	12			0	16.28	3.30	19.58	/	Pass
				6	16.29	3.30	19.59	/	Pass
				13	16.39	3.30	19.69	/	Pass
	25			0	16.26	3.30	19.56	/	Pass
	3625		1	0	15.95	3.30	19.25	/	Pass
				13	15.95	3.30	19.25	/	Pass
24				15.99	3.30	19.29	/	Pass	
12			0	16.02	3.30	19.32	/	Pass	
			6	16.10	3.30	19.40	/	Pass	
			13	16.06	3.30	19.36	/	Pass	
25			0	16.06	3.30	19.36	/	Pass	
3697.5	1		0	16.33	3.30	19.63	/	Pass	
			13	16.41	3.30	19.71	/	Pass	
			24	16.27	3.30	19.57	/	Pass	
	12		0	16.35	3.30	19.65	/	Pass	
			6	16.44	3.30	19.74	/	Pass	
			13	16.40	3.30	19.70	/	Pass	
	25		0	16.31	3.30	19.61	/	Pass	
Note1: EIRP=Conducted Power+Antenna Gain 2. Gain=Antenna gain-antenna cable loss=(4.2-0.9)dBi=3.3dBi									

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	18.08	3.30	21.38	<=23	Pass
			13	18.33	3.30	21.63	<=23	Pass
			24	18.30	3.30	21.60	<=23	Pass

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		12	0	18.23	3.30	21.53	<=23	Pass
			6	18.27	3.30	21.57	<=23	Pass
			13	18.32	3.30	21.62	<=23	Pass
		25	0	18.24	3.30	21.54	<=23	Pass
	3625	1	0	15.14	3.30	18.44	<=23	Pass
			13	15.12	3.30	18.42	<=23	Pass
			24	14.99	3.30	18.29	<=23	Pass
		12	0	15.23	3.30	18.53	<=23	Pass
			6	15.21	3.30	18.51	<=23	Pass
			13	15.25	3.30	18.55	<=23	Pass
		25	0	15.28	3.30	18.58	<=23	Pass
	3697.5	1	0	15.78	3.30	19.08	<=23	Pass
			13	15.90	3.30	19.20	<=23	Pass
			24	15.97	3.30	19.27	<=23	Pass
		12	0	15.83	3.30	19.13	<=23	Pass
			6	15.96	3.30	19.26	<=23	Pass
			13	15.86	3.30	19.16	<=23	Pass
		25	0	15.80	3.30	19.10	<=23	Pass
16QAM	3552.5	1	0	18.13	3.30	21.43	<=23	Pass
			13	18.25	3.30	21.55	<=23	Pass
			24	18.22	3.30	21.52	<=23	Pass
		12	0	18.24	3.30	21.54	<=23	Pass
			6	18.28	3.30	21.58	<=23	Pass
			13	18.34	3.30	21.64	<=23	Pass
		25	0	18.29	3.30	21.59	<=23	Pass
	3625	1	0	15.19	3.30	18.49	<=23	Pass
			13	15.28	3.30	18.58	<=23	Pass
			24	15.14	3.30	18.44	<=23	Pass
		12	0	15.30	3.30	18.60	<=23	Pass
			6	15.25	3.30	18.55	<=23	Pass
			13	15.26	3.30	18.56	<=23	Pass
		25	0	15.27	3.30	18.57	<=23	Pass
	3697.5	1	0	15.86	3.30	19.16	<=23	Pass
			13	15.97	3.30	19.27	<=23	Pass
			24	15.91	3.30	19.21	<=23	Pass
		12	0	15.82	3.30	19.12	<=23	Pass
			6	15.97	3.30	19.27	<=23	Pass
			13	15.81	3.30	19.11	<=23	Pass
		25	0	15.75	3.30	19.05	<=23	Pass
64QAM	3552.5	1	0	18.53	3.30	21.83	<=23	Pass
			13	18.54	3.30	21.84	<=23	Pass
			24	18.51	3.30	21.81	<=23	Pass
		12	0	18.57	3.30	21.87	<=23	Pass
			6	18.56	3.30	21.86	<=23	Pass
			13	18.51	3.30	21.81	<=23	Pass
		25	0	18.36	3.30	21.66	<=23	Pass
	3625	1	0	15.00	3.30	18.30	<=23	Pass
			13	14.88	3.30	18.18	<=23	Pass
			24	14.93	3.30	18.23	<=23	Pass
		12	0	15.04	3.30	18.34	<=23	Pass
			6	15.04	3.30	18.34	<=23	Pass
			13	15.07	3.30	18.37	<=23	Pass
		25	0	15.14	3.30	18.44	<=23	Pass
	3697.5	1	0	15.23	3.30	18.53	<=23	Pass

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256QAM	3552.5	12	13	15.57	3.30	18.87	<=23	Pass
			24	15.55	3.30	18.85	<=23	Pass
		6	0	15.36	3.30	18.66	<=23	Pass
			6	15.53	3.30	18.83	<=23	Pass
			13	15.46	3.30	18.76	<=23	Pass
		25	0	15.26	3.30	18.56	<=23	Pass
			0	16.43	3.30	19.73	<=23	Pass
		1	13	16.49	3.30	19.79	<=23	Pass
			24	16.48	3.30	19.78	<=23	Pass
			0	16.48	3.30	19.78	<=23	Pass
	3625	12	6	16.47	3.30	19.77	<=23	Pass
			13	16.50	3.30	19.80	<=23	Pass
			0	16.44	3.30	19.74	<=23	Pass
		1	0	13.10	3.30	16.40	<=23	Pass
			13	13.08	3.30	16.38	<=23	Pass
			24	12.93	3.30	16.23	<=23	Pass
		12	0	13.09	3.30	16.39	<=23	Pass
			6	13.07	3.30	16.37	<=23	Pass
			13	13.12	3.30	16.42	<=23	Pass
		25	0	13.15	3.30	16.45	<=23	Pass
	3697.5	1	0	13.40	3.30	16.70	<=23	Pass
			13	13.47	3.30	16.77	<=23	Pass
			24	13.55	3.30	16.85	<=23	Pass
		12	0	13.39	3.30	16.69	<=23	Pass
			6	13.53	3.30	16.83	<=23	Pass
			13	13.48	3.30	16.78	<=23	Pass
		25	0	13.41	3.30	16.71	<=23	Pass

Note1: EIRP=Conducted Power+Antenna Gain
2. Gain=Antenna gain-antenna cable loss=(4.2-0.9)dBi=3.3dBi

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	18.07	3.30	21.37	/	Pass
			25	18.35	3.30	21.65	/	Pass
			49	18.55	3.30	21.85	/	Pass
		25	0	18.29	3.30	21.59	/	Pass
			13	18.45	3.30	21.75	/	Pass
			25	18.60	3.30	21.90	/	Pass
		50	0	18.47	3.30	21.77	/	Pass
	3625	1	0	18.10	3.30	21.40	/	Pass
			25	18.04	3.30	21.34	/	Pass
			49	18.01	3.30	21.31	/	Pass
		25	0	18.09	3.30	21.39	/	Pass
			13	18.19	3.30	21.49	/	Pass
			25	18.07	3.30	21.37	/	Pass
		50	0	18.11	3.30	21.41	/	Pass
	3695	1	0	18.54	3.30	21.84	/	Pass
			25	18.49	3.30	21.79	/	Pass
			49	18.33	3.30	21.63	/	Pass

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		25	0	18.50	3.30	21.80	/	Pass
			13	18.50	3.30	21.80	/	Pass
			25	18.53	3.30	21.83	/	Pass
		50	0	18.49	3.30	21.79	/	Pass
16QAM	3555	1	0	18.05	3.30	21.35	/	Pass
			25	18.42	3.30	21.72	/	Pass
			49	18.72	3.30	22.02	/	Pass
		25	0	18.24	3.30	21.54	/	Pass
			13	18.54	3.30	21.84	/	Pass
			25	18.60	3.30	21.90	/	Pass
		50	0	18.47	3.30	21.77	/	Pass
	3625	1	0	17.90	3.30	21.20	/	Pass
			25	17.95	3.30	21.25	/	Pass
			49	18.08	3.30	21.38	/	Pass
		25	0	18.03	3.30	21.33	/	Pass
			13	18.11	3.30	21.41	/	Pass
			25	18.14	3.30	21.44	/	Pass
		50	0	18.08	3.30	21.38	/	Pass
	3695	1	0	18.53	3.30	21.83	/	Pass
			25	18.45	3.30	21.75	/	Pass
			49	18.53	3.30	21.83	/	Pass
		25	0	18.44	3.30	21.74	/	Pass
			13	18.51	3.30	21.81	/	Pass
			25	18.50	3.30	21.80	/	Pass
		50	0	18.51	3.30	21.81	/	Pass
64QAM	3555	1	0	18.18	3.30	21.48	/	Pass
			25	18.49	3.30	21.79	/	Pass
			49	18.57	3.30	21.87	/	Pass
		25	0	18.36	3.30	21.66	/	Pass
			13	18.58	3.30	21.88	/	Pass
			25	18.62	3.30	21.92	/	Pass
		50	0	18.55	3.30	21.85	/	Pass
	3625	1	0	17.98	3.30	21.28	/	Pass
			25	18.02	3.30	21.32	/	Pass
			49	18.00	3.30	21.30	/	Pass
		25	0	18.00	3.30	21.30	/	Pass
			13	18.10	3.30	21.40	/	Pass
			25	18.17	3.30	21.47	/	Pass
		50	0	18.10	3.30	21.40	/	Pass
	3695	1	0	18.52	3.30	21.82	/	Pass
			25	18.36	3.30	21.66	/	Pass
			49	18.25	3.30	21.55	/	Pass
		25	0	18.40	3.30	21.70	/	Pass
			13	18.35	3.30	21.65	/	Pass
			25	18.41	3.30	21.71	/	Pass
		50	0	18.32	3.30	21.62	/	Pass
256QAM	3555	1	0	16.33	3.30	19.63	/	Pass
			25	16.32	3.30	19.62	/	Pass
			49	16.20	3.30	19.50	/	Pass
		25	0	16.17	3.30	19.47	/	Pass
			13	16.50	3.30	19.80	/	Pass
			25	16.55	3.30	19.85	/	Pass
		50	0	16.35	3.30	19.65	/	Pass
	3625	1	0	15.93	3.30	19.23	/	Pass

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			25	16.09	3.30	19.39	/	Pass
			49	15.92	3.30	19.22	/	Pass
		25	0	15.98	3.30	19.28	/	Pass
			13	16.11	3.30	19.41	/	Pass
			25	16.08	3.30	19.38	/	Pass
	3695	50	0	16.15	3.30	19.45	/	Pass
		1	0	16.37	3.30	19.67	/	Pass
			25	16.28	3.30	19.58	/	Pass
			49	16.03	3.30	19.33	/	Pass
		25	0	16.38	3.30	19.68	/	Pass
			13	16.25	3.30	19.55	/	Pass
			25	16.27	3.30	19.57	/	Pass
		50	0	16.21	3.30	19.51	/	Pass

Note1: EIRP=Conducted Power+Antenna Gain
2. Gain=Antenna gain-antenna cable loss=(4.2-0.9)dBi=3.3dBi

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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	18.10	3.30	21.40	<=23	Pass
			25	18.26	3.30	21.56	<=23	Pass
			49	18.49	3.30	21.79	<=23	Pass
		25	0	18.25	3.30	21.55	<=23	Pass
			13	18.38	3.30	21.68	<=23	Pass
			25	18.47	3.30	21.77	<=23	Pass
		50	0	18.37	3.30	21.67	<=23	Pass
	3625	1	0	15.17	3.30	18.47	<=23	Pass
			25	15.14	3.30	18.44	<=23	Pass
			49	15.00	3.30	18.30	<=23	Pass
		25	0	15.16	3.30	18.46	<=23	Pass
			13	15.26	3.30	18.56	<=23	Pass
			25	15.16	3.30	18.46	<=23	Pass
		50	0	15.20	3.30	18.50	<=23	Pass
	3695	1	0	15.83	3.30	19.13	<=23	Pass
			25	15.87	3.30	19.17	<=23	Pass
			49	15.87	3.30	19.17	<=23	Pass
		25	0	15.85	3.30	19.15	<=23	Pass
			13	15.87	3.30	19.17	<=23	Pass
			25	15.93	3.30	19.23	<=23	Pass
		50	0	15.84	3.30	19.14	<=23	Pass
16QAM	3555	1	0	18.21	3.30	21.51	<=23	Pass
			25	18.32	3.30	21.62	<=23	Pass
			49	18.57	3.30	21.87	<=23	Pass
		25	0	18.26	3.30	21.56	<=23	Pass
			13	18.43	3.30	21.73	<=23	Pass
			25	18.52	3.30	21.82	<=23	Pass
		50	0	18.39	3.30	21.69	<=23	Pass
	3625	1	0	15.11	3.30	18.41	<=23	Pass
			25	15.15	3.30	18.45	<=23	Pass
			49	15.12	3.30	18.42	<=23	Pass
		25	0	15.14	3.30	18.44	<=23	Pass
			13	15.28	3.30	18.58	<=23	Pass
			25	15.20	3.30	18.50	<=23	Pass
		50	0	15.24	3.30	18.54	<=23	Pass
	3695	1	0	15.87	3.30	19.17	<=23	Pass
			25	15.87	3.30	19.17	<=23	Pass
			49	15.83	3.30	19.13	<=23	Pass
		25	0	15.87	3.30	19.17	<=23	Pass
			13	15.89	3.30	19.19	<=23	Pass
			25	15.92	3.30	19.22	<=23	Pass
		50	0	15.82	3.30	19.12	<=23	Pass
64QAM	3555	1	0	18.51	3.30	21.81	<=23	Pass
			25	18.68	3.30	21.98	<=23	Pass
			49	18.77	3.30	22.07	<=23	Pass
		25	0	18.60	3.30	21.90	<=23	Pass

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256QAM	3625	50	13	18.70	3.30	22.00	<=23	Pass
			25	18.73	3.30	22.03	<=23	Pass
			0	18.69	3.30	21.99	<=23	Pass
		1	0	14.98	3.30	18.28	<=23	Pass
			25	14.98	3.30	18.28	<=23	Pass
			49	14.95	3.30	18.25	<=23	Pass
		25	0	15.02	3.30	18.32	<=23	Pass
			13	15.08	3.30	18.38	<=23	Pass
			25	15.03	3.30	18.33	<=23	Pass
		50	0	15.07	3.30	18.37	<=23	Pass
	3695	1	0	15.16	3.30	18.46	<=23	Pass
			25	15.41	3.30	18.71	<=23	Pass
			49	15.57	3.30	18.87	<=23	Pass
		25	0	15.30	3.30	18.60	<=23	Pass
			13	15.38	3.30	18.68	<=23	Pass
			25	15.52	3.30	18.82	<=23	Pass
		50	0	15.36	3.30	18.66	<=23	Pass
	3555	1	0	16.56	3.30	19.86	<=23	Pass
			25	16.55	3.30	19.85	<=23	Pass
			49	16.59	3.30	19.89	<=23	Pass
		25	0	16.54	3.30	19.84	<=23	Pass
			13	16.57	3.30	19.87	<=23	Pass
			25	16.57	3.30	19.87	<=23	Pass
		50	0	16.54	3.30	19.84	<=23	Pass
	3625	1	0	13.04	3.30	16.34	<=23	Pass
			25	13.00	3.30	16.30	<=23	Pass
			49	12.90	3.30	16.20	<=23	Pass
		25	0	13.05	3.30	16.35	<=23	Pass
			13	13.13	3.30	16.43	<=23	Pass
			25	13.00	3.30	16.30	<=23	Pass
	3695	50	0	13.07	3.30	16.37	<=23	Pass
		1	0	13.13	3.30	16.43	<=23	Pass
			25	13.34	3.30	16.64	<=23	Pass
			49	13.48	3.30	16.78	<=23	Pass
		25	0	13.23	3.30	16.53	<=23	Pass
			13	13.31	3.30	16.61	<=23	Pass
			25	13.26	3.30	16.56	<=23	Pass
		50	0	13.28	3.30	16.58	<=23	Pass

Note1: EIRP=Conducted Power+Antenna Gain
2. Gain=Antenna gain-antenna cable loss=(4.2-0.9)dBi=3.3dBi

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	17.97	3.30	21.27	/	Pass
			38	18.51	3.30	21.81	/	Pass
			74	18.56	3.30	21.86	/	Pass
		36	0	18.24	3.30	21.54	/	Pass
			18	18.53	3.30	21.83	/	Pass
			39	18.65	3.30	21.95	/	Pass

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		75	0	18.44	3.30	21.74	/	Pass	
	3625	1	0	18.08	3.30	21.38	/	Pass	
			38	18.05	3.30	21.35	/	Pass	
			74	18.05	3.30	21.35	/	Pass	
			0	17.99	3.30	21.29	/	Pass	
		36	18	18.07	3.30	21.37	/	Pass	
			39	18.08	3.30	21.38	/	Pass	
			75	0	18.13	3.30	21.43	/	Pass
	3692.5	1	0	18.65	3.30	21.95	/	Pass	
			38	18.63	3.30	21.93	/	Pass	
			74	18.42	3.30	21.72	/	Pass	
			0	18.55	3.30	21.85	/	Pass	
		36	18	18.54	3.30	21.84	/	Pass	
			39	18.50	3.30	21.80	/	Pass	
			75	0	18.56	3.30	21.86	/	Pass
	16QAM	3557.5	1	0	18.14	3.30	21.44	/	Pass
				38	18.68	3.30	21.98	/	Pass
				74	18.71	3.30	22.01	/	Pass
			36	0	18.33	3.30	21.63	/	Pass
				18	18.57	3.30	21.87	/	Pass
39				18.75	3.30	22.05	/	Pass	
75				0	18.51	3.30	21.81	/	Pass
3625		1	0	18.00	3.30	21.30	/	Pass	
			38	18.00	3.30	21.30	/	Pass	
			74	18.04	3.30	21.34	/	Pass	
		36	0	18.02	3.30	21.32	/	Pass	
			18	18.12	3.30	21.42	/	Pass	
			39	18.06	3.30	21.36	/	Pass	
			75	0	18.08	3.30	21.38	/	Pass
3692.5		1	0	18.65	3.30	21.95	/	Pass	
			38	18.48	3.30	21.78	/	Pass	
			74	18.35	3.30	21.65	/	Pass	
		36	0	18.49	3.30	21.79	/	Pass	
			18	18.50	3.30	21.80	/	Pass	
			39	18.50	3.30	21.80	/	Pass	
	75		0	18.54	3.30	21.84	/	Pass	
64QAM	3557.5	1	0	18.30	3.30	21.60	/	Pass	
			38	18.46	3.30	21.76	/	Pass	
			74	18.56	3.30	21.86	/	Pass	
		36	0	18.44	3.30	21.74	/	Pass	
			18	18.68	3.30	21.98	/	Pass	
			39	18.75	3.30	22.05	/	Pass	
			75	0	18.66	3.30	21.96	/	Pass
	3625	1	0	17.99	3.30	21.29	/	Pass	
			38	18.31	3.30	21.61	/	Pass	
			74	18.19	3.30	21.49	/	Pass	
		36	0	17.99	3.30	21.29	/	Pass	
			18	18.13	3.30	21.43	/	Pass	
			39	18.17	3.30	21.47	/	Pass	
			75	0	18.15	3.30	21.45	/	Pass
	3692.5	1	0	18.81	3.30	22.11	/	Pass	
			38	18.40	3.30	21.70	/	Pass	
74			18.26	3.30	21.56	/	Pass		
36		0	18.65	3.30	21.95	/	Pass		

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256QAM	3557.5	75	18	18.46	3.30	21.76	/	Pass
			39	18.49	3.30	21.79	/	Pass
			0	18.58	3.30	21.88	/	Pass
		1	0	16.15	3.30	19.45	/	Pass
			38	16.69	3.30	19.99	/	Pass
			74	16.36	3.30	19.66	/	Pass
		36	0	16.39	3.30	19.69	/	Pass
			18	16.56	3.30	19.86	/	Pass
			39	16.56	3.30	19.86	/	Pass
		75	0	16.44	3.30	19.74	/	Pass
	3625	1	0	15.97	3.30	19.27	/	Pass
			38	16.15	3.30	19.45	/	Pass
			74	15.96	3.30	19.26	/	Pass
		36	0	16.09	3.30	19.39	/	Pass
			18	16.16	3.30	19.46	/	Pass
			39	16.12	3.30	19.42	/	Pass
		75	0	16.05	3.30	19.35	/	Pass
	3692.5	1	0	16.82	3.30	20.12	/	Pass
			38	16.58	3.30	19.88	/	Pass
			74	16.09	3.30	19.39	/	Pass
		36	0	16.60	3.30	19.90	/	Pass
			18	16.44	3.30	19.74	/	Pass
			39	16.30	3.30	19.60	/	Pass
		75	0	16.46	3.30	19.76	/	Pass

Note1: EIRP=Conducted Power+Antenna Gain
 2. Gain=Antenna gain-antenna cable loss=(4.2-0.9)dBi=3.3dBi

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	18.22	3.30	21.52	<=23	Pass
			38	18.32	3.30	21.62	<=23	Pass
			74	18.58	3.30	21.88	<=23	Pass
		36	0	18.23	3.30	21.53	<=23	Pass
			18	18.44	3.30	21.74	<=23	Pass
			39	18.63	3.30	21.93	<=23	Pass
		75	0	17.15	3.30	20.45	<=23	Pass
	3625	1	0	15.10	3.30	18.40	<=23	Pass
			38	15.11	3.30	18.41	<=23	Pass
			74	14.99	3.30	18.29	<=23	Pass
		36	0	15.16	3.30	18.46	<=23	Pass
			18	15.25	3.30	18.55	<=23	Pass
			39	15.18	3.30	18.48	<=23	Pass
		75	0	13.91	3.30	17.21	<=23	Pass
	3692.5	1	0	15.84	3.30	19.14	<=23	Pass
			38	15.76	3.30	19.06	<=23	Pass
			74	15.88	3.30	19.18	<=23	Pass
		36	0	15.84	3.30	19.14	<=23	Pass
			18	15.85	3.30	19.15	<=23	Pass
			39	15.80	3.30	19.10	<=23	Pass

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		75	0	14.55	3.30	17.85	<=23	Pass	
16QAM	3557.5	1	0	18.15	3.30	21.45	<=23	Pass	
			38	18.45	3.30	21.75	<=23	Pass	
			74	18.80	3.30	22.10	<=23	Pass	
			0	18.29	3.30	21.59	<=23	Pass	
		36	18	18.51	3.30	21.81	<=23	Pass	
			39	18.69	3.30	21.99	<=23	Pass	
			75	0	17.21	3.30	20.51	<=23	Pass
		3625	1	0	15.15	3.30	18.45	<=23	Pass
				38	15.27	3.30	18.57	<=23	Pass
	74			15.21	3.30	18.51	<=23	Pass	
	0			15.21	3.30	18.51	<=23	Pass	
	36		18	15.31	3.30	18.61	<=23	Pass	
			39	15.23	3.30	18.53	<=23	Pass	
			75	0	13.95	3.30	17.25	<=23	Pass
	3692.5		1	0	15.82	3.30	19.12	<=23	Pass
				38	15.67	3.30	18.97	<=23	Pass
		74		15.81	3.30	19.11	<=23	Pass	
		0		15.78	3.30	19.08	<=23	Pass	
		36	18	15.82	3.30	19.12	<=23	Pass	
			39	15.75	3.30	19.05	<=23	Pass	
			75	0	14.51	3.30	17.81	<=23	Pass
64QAM		3557.5	1	0	18.51	3.30	21.81	<=23	Pass
				38	18.71	3.30	22.01	<=23	Pass
	74			18.79	3.30	22.09	<=23	Pass	
	0			18.63	3.30	21.93	<=23	Pass	
	36		18	18.73	3.30	22.03	<=23	Pass	
			39	-35.05	3.30	-31.75	<=23	Pass	
			75	0	17.44	3.30	20.74	<=23	Pass
	3625		1	0	15.16	3.30	18.46	<=23	Pass
				38	15.11	3.30	18.41	<=23	Pass
		74		15.03	3.30	18.33	<=23	Pass	
		0		15.08	3.30	18.38	<=23	Pass	
		36	18	15.15	3.30	18.45	<=23	Pass	
			39	15.04	3.30	18.34	<=23	Pass	
			75	0	13.81	3.30	17.11	<=23	Pass
		3692.5	1	0	15.22	3.30	18.52	<=23	Pass
				38	15.32	3.30	18.62	<=23	Pass
	74			15.58	3.30	18.88	<=23	Pass	
	0			15.26	3.30	18.56	<=23	Pass	
	36		18	15.32	3.30	18.62	<=23	Pass	
			39	15.45	3.30	18.75	<=23	Pass	
			75	0	14.07	3.30	17.37	<=23	Pass
256QAM	3557.5		1	0	16.65	3.30	19.95	<=23	Pass
				38	16.69	3.30	19.99	<=23	Pass
		74		16.58	3.30	19.88	<=23	Pass	
		0		16.65	3.30	19.95	<=23	Pass	
		36	18	16.70	3.30	20.00	<=23	Pass	
			39	16.65	3.30	19.95	<=23	Pass	
			75	0	15.32	3.30	18.62	<=23	Pass
		3625	1	0	13.22	3.30	16.52	<=23	Pass
				38	13.16	3.30	16.46	<=23	Pass
	74			12.94	3.30	16.24	<=23	Pass	
	36	0		13.20	3.30	16.50	<=23	Pass	

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		75	18	13.19	3.30	16.49	<=23	Pass
			39	13.00	3.30	16.30	<=23	Pass
			0	11.80	3.30	15.10	<=23	Pass
	3692.5	1	0	13.42	3.30	16.72	<=23	Pass
			38	13.36	3.30	16.66	<=23	Pass
			74	13.58	3.30	16.88	<=23	Pass
		36	0	13.23	3.30	16.53	<=23	Pass
			18	13.28	3.30	16.58	<=23	Pass
			39	13.32	3.30	16.62	<=23	Pass
		75	0	11.96	3.30	15.26	<=23	Pass

Note1: EIRP=Conducted Power+Antenna Gain
2. Gain=Antenna gain-antenna cable loss=(4.2-0.9)dBi=3.3dBi

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	18.15	3.30	21.45	/	Pass
			50	18.72	3.30	22.02	/	Pass
			99	18.45	3.30	21.75	/	Pass
		50	0	18.47	3.30	21.77	/	Pass
			25	18.73	3.30	22.03	/	Pass
			50	18.68	3.30	21.98	/	Pass
		100	0	18.53	3.30	21.83	/	Pass
	3625	1	0	18.21	3.30	21.51	/	Pass
			50	18.14	3.30	21.44	/	Pass
			99	18.19	3.30	21.49	/	Pass
		50	0	18.04	3.30	21.34	/	Pass
			25	18.13	3.30	21.43	/	Pass
			50	18.09	3.30	21.39	/	Pass
		100	0	18.07	3.30	21.37	/	Pass
	3690	1	0	18.88	3.30	22.18	/	Pass
			50	18.65	3.30	21.95	/	Pass
			99	18.38	3.30	21.68	/	Pass
		50	0	18.67	3.30	21.97	/	Pass
			25	18.56	3.30	21.86	/	Pass
			50	18.48	3.30	21.78	/	Pass
		100	0	18.54	3.30	21.84	/	Pass
16QAM	3560	1	0	18.12	3.30	21.42	/	Pass
			50	18.58	3.30	21.88	/	Pass
			99	18.44	3.30	21.74	/	Pass
		50	0	18.45	3.30	21.75	/	Pass
			25	18.68	3.30	21.98	/	Pass
			50	18.74	3.30	22.04	/	Pass
		100	0	18.62	3.30	21.92	/	Pass
	3625	1	0	18.06	3.30	21.36	/	Pass
			50	18.09	3.30	21.39	/	Pass
			99	18.05	3.30	21.35	/	Pass
		50	0	18.09	3.30	21.39	/	Pass
			25	18.11	3.30	21.41	/	Pass
			50	18.06	3.30	21.36	/	Pass

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		100	0	18.07	3.30	21.37	/	Pass	
	3690	1	0	19.06	3.30	22.36	/	Pass	
			50	18.62	3.30	21.92	/	Pass	
			99	18.53	3.30	21.83	/	Pass	
			0	18.66	3.30	21.96	/	Pass	
		50	25	18.58	3.30	21.88	/	Pass	
			50	18.49	3.30	21.79	/	Pass	
			100	0	18.58	3.30	21.88	/	Pass
	64QAM	3560	1	0	18.23	3.30	21.53	/	Pass
50				18.64	3.30	21.94	/	Pass	
99				18.50	3.30	21.80	/	Pass	
50			0	18.46	3.30	21.76	/	Pass	
			25	18.68	3.30	21.98	/	Pass	
			50	18.58	3.30	21.88	/	Pass	
100			0	18.58	3.30	21.88	/	Pass	
3625			1	0	18.03	3.30	21.33	/	Pass
				50	18.11	3.30	21.41	/	Pass
				99	18.04	3.30	21.34	/	Pass
		50	0	18.00	3.30	21.30	/	Pass	
			25	18.18	3.30	21.48	/	Pass	
			50	18.12	3.30	21.42	/	Pass	
		100	0	18.13	3.30	21.43	/	Pass	
		3690	1	0	18.89	3.30	22.19	/	Pass
50				18.73	3.30	22.03	/	Pass	
99				18.21	3.30	21.51	/	Pass	
50			0	18.69	3.30	21.99	/	Pass	
			25	18.59	3.30	21.89	/	Pass	
			50	18.44	3.30	21.74	/	Pass	
100			0	18.49	3.30	21.79	/	Pass	
256QAM		3560	1	0	16.27	3.30	19.57	/	Pass
				50	16.53	3.30	19.83	/	Pass
				99	16.14	3.30	19.44	/	Pass
			50	0	16.47	3.30	19.77	/	Pass
				25	16.61	3.30	19.91	/	Pass
				50	16.49	3.30	19.79	/	Pass
			100	0	16.45	3.30	19.75	/	Pass
			3625	1	0	15.91	3.30	19.21	/
	50	16.21			3.30	19.51	/	Pass	
	99	15.86			3.30	19.16	/	Pass	
	50	0		16.02	3.30	19.32	/	Pass	
		25		16.12	3.30	19.42	/	Pass	
		50		16.03	3.30	19.33	/	Pass	
	100	0		16.00	3.30	19.30	/	Pass	
	3690	1		0	16.82	3.30	20.12	/	Pass
			50	16.63	3.30	19.93	/	Pass	
			99	16.07	3.30	19.37	/	Pass	
		50	0	16.81	3.30	20.11	/	Pass	
			25	16.55	3.30	19.85	/	Pass	
			50	16.44	3.30	19.74	/	Pass	
		100	0	16.52	3.30	19.82	/	Pass	
	Note1: EIRP=Conducted Power+Antenna Gain 2. Gain=Antenna gain-antenna cable loss=(4.2-0.9)dB=3.3dBi								

Note1: EIRP=Conducted Power+Antenna Gain

2. Gain=Antenna gain-antenna cable loss=(4.2-0.9)dBi=3.3dBi

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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	18.17	3.30	21.47	<=23	Pass
			50	18.69	3.30	21.99	<=23	Pass
			99	18.79	3.30	22.09	<=23	Pass
		50	0	18.43	3.30	21.73	<=23	Pass
			25	18.69	3.30	21.99	<=23	Pass
			50	18.78	3.30	22.08	<=23	Pass
		100	0	16.13	3.30	19.43	<=23	Pass
	3625	1	0	15.21	3.30	18.51	<=23	Pass
			50	15.29	3.30	18.59	<=23	Pass
			99	14.86	3.30	18.16	<=23	Pass
		50	0	15.21	3.30	18.51	<=23	Pass
			25	15.23	3.30	18.53	<=23	Pass
			50	15.19	3.30	18.49	<=23	Pass
		100	0	12.72	3.30	16.02	<=23	Pass
	3690	1	0	15.73	3.30	19.03	<=23	Pass
			50	15.90	3.30	19.20	<=23	Pass
			99	15.88	3.30	19.18	<=23	Pass
		50	0	15.88	3.30	19.18	<=23	Pass
			25	15.89	3.30	19.19	<=23	Pass
			50	15.97	3.30	19.27	<=23	Pass
		100	0	13.29	3.30	16.59	<=23	Pass
16QAM	3560	1	0	18.29	3.30	21.59	<=23	Pass
			50	18.78	3.30	22.08	<=23	Pass
			99	18.78	3.30	22.08	<=23	Pass
		50	0	18.45	3.30	21.75	<=23	Pass
			25	18.74	3.30	22.04	<=23	Pass
			50	18.77	3.30	22.07	<=23	Pass
		100	0	16.17	3.30	19.47	<=23	Pass
	3625	1	0	15.20	3.30	18.50	<=23	Pass
			50	15.19	3.30	18.49	<=23	Pass
			99	15.08	3.30	18.38	<=23	Pass
		50	0	15.19	3.30	18.49	<=23	Pass
			25	15.28	3.30	18.58	<=23	Pass
			50	15.21	3.30	18.51	<=23	Pass
		100	0	12.75	3.30	16.05	<=23	Pass
	3690	1	0	16.11	3.30	19.41	<=23	Pass
			50	16.07	3.30	19.37	<=23	Pass
			99	15.95	3.30	19.25	<=23	Pass
		50	0	15.83	3.30	19.13	<=23	Pass
			25	15.83	3.30	19.13	<=23	Pass
			50	15.91	3.30	19.21	<=23	Pass
		100	0	13.31	3.30	16.61	<=23	Pass
64QAM	3560	1	0	18.50	3.30	21.80	<=23	Pass
			50	19.13	3.30	22.43	<=23	Pass
			99	18.73	3.30	22.03	<=23	Pass
		50	0	18.70	3.30	22.00	<=23	Pass
			25	19.07	3.30	22.37	<=23	Pass
			50	19.04	3.30	22.34	<=23	Pass

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	3625	100	0	16.22	3.30	19.52	<=23	Pass	
		1	0	15.05	3.30	18.35	<=23	Pass	
			50	15.14	3.30	18.44	<=23	Pass	
			99	15.05	3.30	18.35	<=23	Pass	
			0	15.07	3.30	18.37	<=23	Pass	
		50	25	15.11	3.30	18.41	<=23	Pass	
			50	15.06	3.30	18.36	<=23	Pass	
			100	0	12.61	3.30	15.91	<=23	Pass
		3690	1	0	15.34	3.30	18.64	<=23	Pass
				50	15.44	3.30	18.74	<=23	Pass
	99			15.78	3.30	19.08	<=23	Pass	
	0			15.28	3.30	18.58	<=23	Pass	
	50		25	15.31	3.30	18.61	<=23	Pass	
			50	15.48	3.30	18.78	<=23	Pass	
			100	0	12.75	3.30	16.05	<=23	Pass
	256QAM		3560	1	0	16.50	3.30	19.80	<=23
		50			16.67	3.30	19.97	<=23	Pass
		99			16.50	3.30	19.80	<=23	Pass
50		0		16.67	3.30	19.97	<=23	Pass	
		25		16.74	3.30	20.04	<=23	Pass	
		50		16.63	3.30	19.93	<=23	Pass	
100		0		14.16	3.30	17.46	<=23	Pass	
3625		1	0	13.23	3.30	16.53	<=23	Pass	
			50	13.12	3.30	16.42	<=23	Pass	
			99	12.75	3.30	16.05	<=23	Pass	
		50	0	13.19	3.30	16.49	<=23	Pass	
			25	13.17	3.30	16.47	<=23	Pass	
			50	12.95	3.30	16.25	<=23	Pass	
100		0	10.54	3.30	13.84	<=23	Pass		
3690		1	0	13.34	3.30	16.64	<=23	Pass	
			50	13.47	3.30	16.77	<=23	Pass	
			99	13.44	3.30	16.74	<=23	Pass	
		50	0	13.36	3.30	16.66	<=23	Pass	
			25	13.34	3.30	16.64	<=23	Pass	
			50	13.42	3.30	16.72	<=23	Pass	
		100	0	10.81	3.30	14.11	<=23	Pass	
		Note1: EIRP=Conducted Power+Antenna Gain							
2. Gain=Antenna gain-antenna cable loss=(4.2-0.9)dBi=3.3dBi									

--End of Appendix--