

Appendix B.19

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B48_5MHz_EIRP

Band: 48 / Bandwidth: 5MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	3552.5	1	0	16.84	3.22	20.06	<=30	Pass
			13	16.85	3.22	20.07	<=30	Pass
			24	16.82	3.22	20.04	<=30	Pass
		12	0	15.78	3.22	19.00	<=30	Pass
			6	15.83	3.22	19.05	<=30	Pass
			13	15.81	3.22	19.03	<=30	Pass
		25	0	15.79	3.22	19.01	<=30	Pass
	3625	1	0	17.19	3.22	20.41	<=30	Pass
			13	17.21	3.22	20.43	<=30	Pass
			24	17.23	3.22	20.45	<=30	Pass
		12	0	16.16	3.22	19.38	<=30	Pass
			6	16.13	3.22	19.35	<=30	Pass
			13	16.12	3.22	19.34	<=30	Pass
		25	0	16.15	3.22	19.37	<=30	Pass
	3697.5	1	0	17.03	3.22	20.25	<=30	Pass
			13	17.00	3.22	20.22	<=30	Pass
			24	17.03	3.22	20.25	<=30	Pass
		12	0	16.02	3.22	19.24	<=30	Pass
			6	16.03	3.22	19.25	<=30	Pass
			13	15.99	3.22	19.21	<=30	Pass
		25	0	16.06	3.22	19.28	<=30	Pass
16QAM	3552.5	1	0	15.98	3.22	19.20	<=30	Pass
			13	16.01	3.22	19.23	<=30	Pass
			24	16.02	3.22	19.24	<=30	Pass
		12	0	14.82	3.22	18.04	<=30	Pass
			6	14.78	3.22	18.00	<=30	Pass
			13	14.76	3.22	17.98	<=30	Pass
		25	0	14.89	3.22	18.11	<=30	Pass
	3625	1	0	16.33	3.22	19.55	<=30	Pass
			13	16.40	3.22	19.62	<=30	Pass
			24	16.39	3.22	19.61	<=30	Pass
		12	0	15.16	3.22	18.38	<=30	Pass
			6	15.11	3.22	18.33	<=30	Pass
			13	15.17	3.22	18.39	<=30	Pass
		25	0	15.18	3.22	18.40	<=30	Pass
	3697.5	1	0	16.18	3.22	19.40	<=30	Pass
			13	16.20	3.22	19.42	<=30	Pass
			24	16.23	3.22	19.45	<=30	Pass
		12	0	15.04	3.22	18.26	<=30	Pass
			6	14.98	3.22	18.20	<=30	Pass
			13	15.03	3.22	18.25	<=30	Pass

64QAM	3552.5	25	0	15.10	3.22	18.32	<=30	Pass
		1	0	14.80	3.22	18.02	<=30	Pass
			13	14.74	3.22	17.96	<=30	Pass
			24	14.77	3.22	17.99	<=30	Pass
		12	0	13.83	3.22	17.05	<=30	Pass
			6	13.85	3.22	17.07	<=30	Pass
			13	13.82	3.22	17.04	<=30	Pass
		25	0	13.87	3.22	17.09	<=30	Pass
	3625	1	0	15.08	3.22	18.30	<=30	Pass
			13	15.11	3.22	18.33	<=30	Pass
			24	15.15	3.22	18.37	<=30	Pass
		12	0	14.17	3.22	17.39	<=30	Pass
			6	14.16	3.22	17.38	<=30	Pass
			13	14.14	3.22	17.36	<=30	Pass
		25	0	14.16	3.22	17.38	<=30	Pass
	3697.5	1	0	14.99	3.22	18.21	<=30	Pass
			13	14.96	3.22	18.18	<=30	Pass
			24	14.97	3.22	18.19	<=30	Pass
		12	0	14.03	3.22	17.25	<=30	Pass
			6	14.01	3.22	17.23	<=30	Pass
			13	14.02	3.22	17.24	<=30	Pass
		25	0	14.12	3.22	17.34	<=30	Pass
256QAM	3552.5	1	0	11.70	3.22	14.92	<=30	Pass
			13	11.66	3.22	14.88	<=30	Pass
			24	11.71	3.22	14.93	<=30	Pass
		12	0	11.84	3.22	15.06	<=30	Pass
			6	11.83	3.22	15.05	<=30	Pass
			13	11.77	3.22	14.99	<=30	Pass
		25	0	11.83	3.22	15.05	<=30	Pass
	3625	1	0	12.00	3.22	15.22	<=30	Pass
			13	12.06	3.22	15.28	<=30	Pass
			24	12.09	3.22	15.31	<=30	Pass
		12	0	12.16	3.22	15.38	<=30	Pass
			6	12.15	3.22	15.37	<=30	Pass
			13	12.17	3.22	15.39	<=30	Pass
		25	0	12.06	3.22	15.28	<=30	Pass
	3697.5	1	0	11.96	3.22	15.18	<=30	Pass
			13	11.90	3.22	15.12	<=30	Pass
			24	11.93	3.22	15.15	<=30	Pass
		12	0	12.05	3.22	15.27	<=30	Pass
			6	12.05	3.22	15.27	<=30	Pass
			13	12.00	3.22	15.22	<=30	Pass
		25	0	11.99	3.22	15.21	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 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	16.81	3.22	20.03	<=30	Pass
			25	16.88	3.22	20.10	<=30	Pass
			49	16.87	3.22	20.09	<=30	Pass

	3625	25	0	15.80	3.22	19.02	<=30	Pass	
			13	15.80	3.22	19.02	<=30	Pass	
			25	15.89	3.22	19.11	<=30	Pass	
		50	0	15.83	3.22	19.05	<=30	Pass	
			1	0	17.09	3.22	20.31	<=30	Pass
				25	17.21	3.22	20.43	<=30	Pass
		49		17.18	3.22	20.40	<=30	Pass	
		25		0	16.12	3.22	19.34	<=30	Pass
				13	16.11	3.22	19.33	<=30	Pass
				25	16.16	3.22	19.38	<=30	Pass
		50	0	16.14	3.22	19.36	<=30	Pass	
			3695	1	0	16.94	3.22	20.16	<=30
	25				16.98	3.22	20.20	<=30	Pass
	49	16.99			3.22	20.21	<=30	Pass	
	25	0		15.97	3.22	19.19	<=30	Pass	
		13		16.04	3.22	19.26	<=30	Pass	
		25		15.98	3.22	19.20	<=30	Pass	
	50	0	16.05	3.22	19.27	<=30	Pass		
16QAM	3555	1	0	16.02	3.22	19.24	<=30	Pass	
			25	16.07	3.22	19.29	<=30	Pass	
			49	16.04	3.22	19.26	<=30	Pass	
		25	0	14.81	3.22	18.03	<=30	Pass	
			13	14.84	3.22	18.06	<=30	Pass	
			25	14.87	3.22	18.09	<=30	Pass	
		50	0	14.82	3.22	18.04	<=30	Pass	
		3625	1	0	16.30	3.22	19.52	<=30	Pass
				25	16.39	3.22	19.61	<=30	Pass
	49			16.38	3.22	19.60	<=30	Pass	
	25		0	15.18	3.22	18.40	<=30	Pass	
			13	15.16	3.22	18.38	<=30	Pass	
			25	15.22	3.22	18.44	<=30	Pass	
	50		0	15.19	3.22	18.41	<=30	Pass	
	3695	1	0	16.15	3.22	19.37	<=30	Pass	
			25	16.24	3.22	19.46	<=30	Pass	
			49	16.24	3.22	19.46	<=30	Pass	
		25	0	15.03	3.22	18.25	<=30	Pass	
			13	15.01	3.22	18.23	<=30	Pass	
			25	15.07	3.22	18.29	<=30	Pass	
		50	0	15.07	3.22	18.29	<=30	Pass	
	64QAM	3555	1	0	14.75	3.22	17.97	<=30	Pass
				25	14.87	3.22	18.09	<=30	Pass
				49	14.82	3.22	18.04	<=30	Pass
25			0	13.85	3.22	17.07	<=30	Pass	
			13	13.90	3.22	17.12	<=30	Pass	
			25	13.95	3.22	17.17	<=30	Pass	
50		0	13.81	3.22	17.03	<=30	Pass		
3625		1	0	15.04	3.22	18.26	<=30	Pass	
			25	15.17	3.22	18.39	<=30	Pass	
			49	15.13	3.22	18.35	<=30	Pass	
		25	0	14.18	3.22	17.40	<=30	Pass	
			13	14.17	3.22	17.39	<=30	Pass	
			25	14.23	3.22	17.45	<=30	Pass	
50		0	14.13	3.22	17.35	<=30	Pass		
3695		1	0	14.92	3.22	18.14	<=30	Pass	
	25		14.99	3.22	18.21	<=30	Pass		

256QAM	3555	25	49	14.92	3.22	18.14	<=30	Pass
			0	14.06	3.22	17.28	<=30	Pass
			13	14.12	3.22	17.34	<=30	Pass
			25	14.14	3.22	17.36	<=30	Pass
		50	0	14.04	3.22	17.26	<=30	Pass
	3625	1	0	11.68	3.22	14.90	<=30	Pass
			25	11.74	3.22	14.96	<=30	Pass
			49	11.70	3.22	14.92	<=30	Pass
		25	0	11.78	3.22	15.00	<=30	Pass
			13	11.77	3.22	14.99	<=30	Pass
			25	11.84	3.22	15.06	<=30	Pass
		50	0	11.81	3.22	15.03	<=30	Pass
		1	0	11.98	3.22	15.20	<=30	Pass
			25	12.11	3.22	15.33	<=30	Pass
			49	12.07	3.22	15.29	<=30	Pass
		25	0	12.05	3.22	15.27	<=30	Pass
			13	12.11	3.22	15.33	<=30	Pass
			25	12.15	3.22	15.37	<=30	Pass
		50	0	12.10	3.22	15.32	<=30	Pass
	3695	1	0	11.88	3.22	15.10	<=30	Pass
			25	11.96	3.22	15.18	<=30	Pass
			49	11.92	3.22	15.14	<=30	Pass
		25	0	12.01	3.22	15.23	<=30	Pass
			13	12.00	3.22	15.22	<=30	Pass
			25	12.03	3.22	15.25	<=30	Pass
		50	0	12.07	3.22	15.29	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 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	16.73	3.22	19.95	<=30	Pass
			38	16.92	3.22	20.14	<=30	Pass
			74	16.81	3.22	20.03	<=30	Pass
		36	0	15.76	3.22	18.98	<=30	Pass
			18	15.87	3.22	19.09	<=30	Pass
			39	15.75	3.22	18.97	<=30	Pass
		75	0	15.80	3.22	19.02	<=30	Pass
	3625	1	0	16.96	3.22	20.18	<=30	Pass
			38	17.18	3.22	20.40	<=30	Pass
			74	17.04	3.22	20.26	<=30	Pass
		36	0	16.07	3.22	19.29	<=30	Pass
			18	16.13	3.22	19.35	<=30	Pass
			39	16.16	3.22	19.38	<=30	Pass
		75	0	16.15	3.22	19.37	<=30	Pass
	3692.5	1	0	16.91	3.22	20.13	<=30	Pass
			38	16.97	3.22	20.19	<=30	Pass
			74	16.99	3.22	20.21	<=30	Pass
		36	0	15.95	3.22	19.17	<=30	Pass
			18	16.03	3.22	19.25	<=30	Pass
			39	16.01	3.22	19.23	<=30	Pass

		75	0	16.04	3.22	19.26	<=30	Pass
16QAM	3557.5	1	0	15.94	3.22	19.16	<=30	Pass
			38	16.06	3.22	19.28	<=30	Pass
			74	15.94	3.22	19.16	<=30	Pass
		36	0	14.81	3.22	18.03	<=30	Pass
			18	14.82	3.22	18.04	<=30	Pass
			39	14.72	3.22	17.94	<=30	Pass
		75	0	14.85	3.22	18.07	<=30	Pass
	3625	1	0	16.12	3.22	19.34	<=30	Pass
			38	16.41	3.22	19.63	<=30	Pass
			74	16.26	3.22	19.48	<=30	Pass
		36	0	15.01	3.22	18.23	<=30	Pass
			18	15.07	3.22	18.29	<=30	Pass
			39	15.11	3.22	18.33	<=30	Pass
		75	0	15.12	3.22	18.34	<=30	Pass
	3692.5	1	0	16.08	3.22	19.30	<=30	Pass
			38	16.17	3.22	19.39	<=30	Pass
			74	16.20	3.22	19.42	<=30	Pass
		36	0	14.96	3.22	18.18	<=30	Pass
			18	15.02	3.22	18.24	<=30	Pass
			39	14.97	3.22	18.19	<=30	Pass
		75	0	15.11	3.22	18.33	<=30	Pass
64QAM	3557.5	1	0	14.66	3.22	17.88	<=30	Pass
			38	14.84	3.22	18.06	<=30	Pass
			74	14.69	3.22	17.91	<=30	Pass
		36	0	13.73	3.22	16.95	<=30	Pass
			18	13.78	3.22	17.00	<=30	Pass
			39	13.72	3.22	16.94	<=30	Pass
		75	0	13.79	3.22	17.01	<=30	Pass
	3625	1	0	14.90	3.22	18.12	<=30	Pass
			38	15.14	3.22	18.36	<=30	Pass
			74	15.04	3.22	18.26	<=30	Pass
		36	0	14.03	3.22	17.25	<=30	Pass
			18	14.08	3.22	17.30	<=30	Pass
			39	14.12	3.22	17.34	<=30	Pass
		75	0	14.13	3.22	17.35	<=30	Pass
	3692.5	1	0	14.89	3.22	18.11	<=30	Pass
			38	14.98	3.22	18.20	<=30	Pass
			74	14.94	3.22	18.16	<=30	Pass
		36	0	14.02	3.22	17.24	<=30	Pass
			18	13.99	3.22	17.21	<=30	Pass
			39	14.03	3.22	17.25	<=30	Pass
		75	0	14.01	3.22	17.23	<=30	Pass
256QAM	3557.5	1	0	11.58	3.22	14.80	<=30	Pass
			38	11.75	3.22	14.97	<=30	Pass
			74	11.62	3.22	14.84	<=30	Pass
		36	0	11.71	3.22	14.93	<=30	Pass
			18	11.76	3.22	14.98	<=30	Pass
			39	11.73	3.22	14.95	<=30	Pass
		75	0	11.73	3.22	14.95	<=30	Pass
	3625	1	0	11.84	3.22	15.06	<=30	Pass
			38	12.11	3.22	15.33	<=30	Pass
			74	11.98	3.22	15.20	<=30	Pass
		36	0	12.03	3.22	15.25	<=30	Pass
			18	12.10	3.22	15.32	<=30	Pass

			39	12.07	3.22	15.29	<=30	Pass
		75	0	12.02	3.22	15.24	<=30	Pass
	3692.5	1	0	11.83	3.22	15.05	<=30	Pass
			38	11.90	3.22	15.12	<=30	Pass
			74	11.87	3.22	15.09	<=30	Pass
		36	0	11.96	3.22	15.18	<=30	Pass
			18	12.00	3.22	15.22	<=30	Pass
			39	11.95	3.22	15.17	<=30	Pass
		75	0	12.03	3.22	15.25	<=30	Pass
	Note1: EIRP=Conducted Power+Antenna Gain							

1.1.4 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	16.69	3.22	19.91	<=30	Pass
			50	16.88	3.22	20.10	<=30	Pass
			99	16.68	3.22	19.90	<=30	Pass
		50	0	15.78	3.22	19.00	<=30	Pass
			25	15.92	3.22	19.14	<=30	Pass
			50	15.78	3.22	19.00	<=30	Pass
		100	0	15.77	3.22	18.99	<=30	Pass
	3625	1	0	16.87	3.22	20.09	<=30	Pass
			50	17.25	3.22	20.47	<=30	Pass
			99	17.05	3.22	20.27	<=30	Pass
		50	0	16.03	3.22	19.25	<=30	Pass
			25	16.19	3.22	19.41	<=30	Pass
			50	16.20	3.22	19.42	<=30	Pass
		100	0	16.08	3.22	19.30	<=30	Pass
	3690	1	0	16.89	3.22	20.11	<=30	Pass
			50	17.01	3.22	20.23	<=30	Pass
			99	16.92	3.22	20.14	<=30	Pass
		50	0	16.02	3.22	19.24	<=30	Pass
			25	16.06	3.22	19.28	<=30	Pass
			50	16.09	3.22	19.31	<=30	Pass
		100	0	16.03	3.22	19.25	<=30	Pass
16QAM	3560	1	0	15.90	3.22	19.12	<=30	Pass
			50	16.08	3.22	19.30	<=30	Pass
			99	15.85	3.22	19.07	<=30	Pass
		50	0	14.87	3.22	18.09	<=30	Pass
			25	14.90	3.22	18.12	<=30	Pass
			50	14.81	3.22	18.03	<=30	Pass
		100	0	14.81	3.22	18.03	<=30	Pass
	3625	1	0	16.01	3.22	19.23	<=30	Pass
			50	16.40	3.22	19.62	<=30	Pass
			99	16.26	3.22	19.48	<=30	Pass
		50	0	15.07	3.22	18.29	<=30	Pass
			25	15.14	3.22	18.36	<=30	Pass
			50	15.16	3.22	18.38	<=30	Pass
		100	0	15.16	3.22	18.38	<=30	Pass
	3690	1	0	16.11	3.22	19.33	<=30	Pass
			50	16.21	3.22	19.43	<=30	Pass

64QAM	3560	50	99	16.14	3.22	19.36	<=30	Pass
			0	15.12	3.22	18.34	<=30	Pass
			25	15.06	3.22	18.28	<=30	Pass
		100	50	15.12	3.22	18.34	<=30	Pass
			0	15.08	3.22	18.30	<=30	Pass
			50	14.62	3.22	17.84	<=30	Pass
		1	50	14.82	3.22	18.04	<=30	Pass
			99	14.57	3.22	17.79	<=30	Pass
			0	13.75	3.22	16.97	<=30	Pass
		50	25	13.87	3.22	17.09	<=30	Pass
			50	13.79	3.22	17.01	<=30	Pass
			0	13.78	3.22	17.00	<=30	Pass
		100	0	14.78	3.22	18.00	<=30	Pass
			50	15.17	3.22	18.39	<=30	Pass
			99	15.01	3.22	18.23	<=30	Pass
256QAM	3625	1	0	14.05	3.22	17.27	<=30	Pass
			25	14.11	3.22	17.33	<=30	Pass
			50	14.18	3.22	17.40	<=30	Pass
		50	0	14.07	3.22	17.29	<=30	Pass
			0	14.83	3.22	18.05	<=30	Pass
			50	14.96	3.22	18.18	<=30	Pass
		100	99	14.89	3.22	18.11	<=30	Pass
			0	13.99	3.22	17.21	<=30	Pass
			25	14.06	3.22	17.28	<=30	Pass
		50	50	14.00	3.22	17.22	<=30	Pass
			0	13.99	3.22	17.21	<=30	Pass
			0	11.53	3.22	14.75	<=30	Pass
		1	50	11.79	3.22	15.01	<=30	Pass
			99	11.50	3.22	14.72	<=30	Pass
			0	11.77	3.22	14.99	<=30	Pass
256QAM	3690	50	25	11.87	3.22	15.09	<=30	Pass
			50	11.75	3.22	14.97	<=30	Pass
			0	11.72	3.22	14.94	<=30	Pass
		100	0	11.74	3.22	14.96	<=30	Pass
			50	12.10	3.22	15.32	<=30	Pass
			99	11.94	3.22	15.16	<=30	Pass
		1	0	12.04	3.22	15.26	<=30	Pass
			25	12.17	3.22	15.39	<=30	Pass
			50	12.16	3.22	15.38	<=30	Pass
		50	0	12.04	3.22	15.26	<=30	Pass
			0	11.82	3.22	15.04	<=30	Pass
			50	11.95	3.22	15.17	<=30	Pass
		100	99	11.87	3.22	15.09	<=30	Pass
			0	12.09	3.22	15.31	<=30	Pass
			25	12.07	3.22	15.29	<=30	Pass
		50	50	12.04	3.22	15.26	<=30	Pass
			0	11.93	3.22	15.15	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

- End of the Appendix -