

Appendix B.11

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B13_5MHz_ERP

Band: 13 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	779.5	1	0	23.19	0.47	21.51	<=34.77	Pass
			13	23.15	0.47	21.47	<=34.77	Pass
			24	23.13	0.47	21.45	<=34.77	Pass
		12	0	22.17	0.47	20.49	<=34.77	Pass
			6	22.17	0.47	20.49	<=34.77	Pass
			13	22.06	0.47	20.38	<=34.77	Pass
		25	0	22.13	0.47	20.45	<=34.77	Pass
	782	1	0	23.14	0.47	21.46	<=34.77	Pass
			13	23.08	0.47	21.40	<=34.77	Pass
			24	23.06	0.47	21.38	<=34.77	Pass
		12	0	22.19	0.47	20.51	<=34.77	Pass
			6	22.14	0.47	20.46	<=34.77	Pass
			13	22.06	0.47	20.38	<=34.77	Pass
		25	0	22.07	0.47	20.39	<=34.77	Pass
	784.5	1	0	23.12	0.47	21.44	<=34.77	Pass
			13	23.04	0.47	21.36	<=34.77	Pass
			24	23.04	0.47	21.36	<=34.77	Pass
		12	0	22.13	0.47	20.45	<=34.77	Pass
			6	22.10	0.47	20.42	<=34.77	Pass
			13	22.09	0.47	20.41	<=34.77	Pass
		25	0	22.12	0.47	20.44	<=34.77	Pass
16QAM	779.5	1	0	22.52	0.47	20.84	<=34.77	Pass
			13	22.33	0.47	20.65	<=34.77	Pass
			24	22.37	0.47	20.69	<=34.77	Pass
		12	0	21.11	0.47	19.43	<=34.77	Pass
			6	21.06	0.47	19.38	<=34.77	Pass
			13	21.05	0.47	19.37	<=34.77	Pass
		25	0	21.10	0.47	19.42	<=34.77	Pass
	782	1	0	22.34	0.47	20.66	<=34.77	Pass
			13	22.34	0.47	20.66	<=34.77	Pass
			24	22.33	0.47	20.65	<=34.77	Pass
		12	0	21.15	0.47	19.47	<=34.77	Pass
			6	21.08	0.47	19.40	<=34.77	Pass
			13	20.99	0.47	19.31	<=34.77	Pass
		25	0	21.13	0.47	19.45	<=34.77	Pass
	784.5	1	0	22.33	0.47	20.65	<=34.77	Pass
			13	22.18	0.47	20.50	<=34.77	Pass
			24	22.35	0.47	20.67	<=34.77	Pass
		12	0	21.11	0.47	19.43	<=34.77	Pass
			6	21.04	0.47	19.36	<=34.77	Pass

64QAM	779.5	25	13	21.07	0.47	19.39	<=34.77	Pass
			0	21.12	0.47	19.44	<=34.77	Pass
	779.5	1	0	21.37	0.47	19.69	<=34.77	Pass
			13	21.20	0.47	19.52	<=34.77	Pass
			24	21.21	0.47	19.53	<=34.77	Pass
		12	0	20.15	0.47	18.47	<=34.77	Pass
			6	20.13	0.47	18.45	<=34.77	Pass
			13	20.09	0.47	18.41	<=34.77	Pass
		25	0	20.13	0.47	18.45	<=34.77	Pass
	782	1	0	21.25	0.47	19.57	<=34.77	Pass
			13	21.20	0.47	19.52	<=34.77	Pass
			24	21.19	0.47	19.51	<=34.77	Pass
		12	0	20.15	0.47	18.47	<=34.77	Pass
			6	20.13	0.47	18.45	<=34.77	Pass
			13	20.03	0.47	18.35	<=34.77	Pass
		25	0	20.07	0.47	18.39	<=34.77	Pass
	784.5	1	0	21.21	0.47	19.53	<=34.77	Pass
			13	21.14	0.47	19.46	<=34.77	Pass
			24	21.12	0.47	19.44	<=34.77	Pass
		12	0	20.15	0.47	18.47	<=34.77	Pass
			6	20.09	0.47	18.41	<=34.77	Pass
			13	20.11	0.47	18.43	<=34.77	Pass
256QAM	779.5	1	0	18.54	0.47	16.86	<=34.77	Pass
			13	18.30	0.47	16.62	<=34.77	Pass
			24	18.32	0.47	16.64	<=34.77	Pass
		12	0	18.25	0.47	16.57	<=34.77	Pass
			6	18.21	0.47	16.53	<=34.77	Pass
			13	18.18	0.47	16.50	<=34.77	Pass
		25	0	18.23	0.47	16.55	<=34.77	Pass
	782	1	0	18.34	0.47	16.66	<=34.77	Pass
			13	18.33	0.47	16.65	<=34.77	Pass
			24	18.28	0.47	16.60	<=34.77	Pass
		12	0	18.25	0.47	16.57	<=34.77	Pass
			6	18.21	0.47	16.53	<=34.77	Pass
			13	18.11	0.47	16.43	<=34.77	Pass
		25	0	18.22	0.47	16.54	<=34.77	Pass
	784.5	1	0	18.34	0.47	16.66	<=34.77	Pass
			13	18.16	0.47	16.48	<=34.77	Pass
			24	18.21	0.47	16.53	<=34.77	Pass
		12	0	18.22	0.47	16.54	<=34.77	Pass
			6	18.20	0.47	16.52	<=34.77	Pass
			13	18.18	0.47	16.50	<=34.77	Pass
		25	0	18.24	0.47	16.56	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.2 B13_10MHz_ERP

Band: 13 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	782	1	0	23.05	0.47	21.37	<=34.77	Pass
			25	23.13	0.47	21.45	<=34.77	Pass

		25	49	23.04	0.47	21.36	<=34.77	Pass
			0	22.10	0.47	20.42	<=34.77	Pass
			13	22.06	0.47	20.38	<=34.77	Pass
			25	22.10	0.47	20.42	<=34.77	Pass
		50	0	22.17	0.47	20.49	<=34.77	Pass
16QAM	782	1	0	22.51	0.47	20.83	<=34.77	Pass
			25	22.37	0.47	20.69	<=34.77	Pass
			49	22.23	0.47	20.55	<=34.77	Pass
		25	0	21.11	0.47	19.43	<=34.77	Pass
			13	21.13	0.47	19.45	<=34.77	Pass
			25	21.12	0.47	19.44	<=34.77	Pass
		50	0	21.10	0.47	19.42	<=34.77	Pass
64QAM	782	1	0	21.26	0.47	19.58	<=34.77	Pass
			25	21.31	0.47	19.63	<=34.77	Pass
			49	20.98	0.47	19.30	<=34.77	Pass
		25	0	20.06	0.47	18.38	<=34.77	Pass
			13	20.08	0.47	18.40	<=34.77	Pass
			25	20.10	0.47	18.42	<=34.77	Pass
		50	0	20.09	0.47	18.41	<=34.77	Pass
256QAM	782	1	0	18.49	0.47	16.81	<=34.77	Pass
			25	18.25	0.47	16.57	<=34.77	Pass
			49	18.22	0.47	16.54	<=34.77	Pass
		25	0	18.18	0.47	16.50	<=34.77	Pass
			13	18.21	0.47	16.53	<=34.77	Pass
			25	18.23	0.47	16.55	<=34.77	Pass
		50	0	18.22	0.47	16.54	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

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