

Appendix B.12

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B14_5MHz_ERP

Band: 14 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	790.5	1	0	23.04	0.26	21.15	<=34.77	Pass
			13	23.00	0.26	21.11	<=34.77	Pass
			24	23.05	0.26	21.16	<=34.77	Pass
		12	0	22.04	0.26	20.15	<=34.77	Pass
			6	22.05	0.26	20.16	<=34.77	Pass
			13	21.94	0.26	20.05	<=34.77	Pass
		25	0	21.97	0.26	20.08	<=34.77	Pass
	793	1	0	23.04	0.26	21.15	<=34.77	Pass
			13	23.01	0.26	21.12	<=34.77	Pass
			24	23.04	0.26	21.15	<=34.77	Pass
		12	0	22.15	0.26	20.26	<=34.77	Pass
			6	22.09	0.26	20.20	<=34.77	Pass
			13	21.95	0.26	20.06	<=34.77	Pass
		25	0	22.05	0.26	20.16	<=34.77	Pass
	795.5	1	0	23.05	0.26	21.16	<=34.77	Pass
			13	23.03	0.26	21.14	<=34.77	Pass
			24	23.13	0.26	21.24	<=34.77	Pass
		12	0	22.15	0.26	20.26	<=34.77	Pass
			6	22.09	0.26	20.20	<=34.77	Pass
			13	22.08	0.26	20.19	<=34.77	Pass
		25	0	22.14	0.26	20.25	<=34.77	Pass
16QAM	790.5	1	0	22.29	0.26	20.40	<=34.77	Pass
			13	22.21	0.26	20.32	<=34.77	Pass
			24	22.24	0.26	20.35	<=34.77	Pass
		12	0	20.97	0.26	19.08	<=34.77	Pass
			6	21.02	0.26	19.13	<=34.77	Pass
			13	20.93	0.26	19.04	<=34.77	Pass
		25	0	20.96	0.26	19.07	<=34.77	Pass
	793	1	0	22.28	0.26	20.39	<=34.77	Pass
			13	22.17	0.26	20.28	<=34.77	Pass
			24	22.31	0.26	20.42	<=34.77	Pass
		12	0	21.15	0.26	19.26	<=34.77	Pass
			6	21.02	0.26	19.13	<=34.77	Pass
			13	20.94	0.26	19.05	<=34.77	Pass
		25	0	21.04	0.26	19.15	<=34.77	Pass
	795.5	1	0	22.20	0.26	20.31	<=34.77	Pass
			13	22.19	0.26	20.30	<=34.77	Pass
			24	22.36	0.26	20.47	<=34.77	Pass
		12	0	21.11	0.26	19.22	<=34.77	Pass
			6	21.04	0.26	19.15	<=34.77	Pass

			13	21.03	0.26	19.14	<=34.77	Pass	
		25	0	21.12	0.26	19.23	<=34.77	Pass	
64QAM	790.5	1	0	21.18	0.26	19.29	<=34.77	Pass	
			13	21.05	0.26	19.16	<=34.77	Pass	
			24	21.23	0.26	19.34	<=34.77	Pass	
		12	0	20.03	0.26	18.14	<=34.77	Pass	
			6	20.02	0.26	18.13	<=34.77	Pass	
			13	19.97	0.26	18.08	<=34.77	Pass	
		25	0	19.95	0.26	18.06	<=34.77	Pass	
		793	1	0	21.14	0.26	19.25	<=34.77	Pass
				13	20.94	0.26	19.05	<=34.77	Pass
	24			21.05	0.26	19.16	<=34.77	Pass	
	12		0	20.15	0.26	18.26	<=34.77	Pass	
			6	20.08	0.26	18.19	<=34.77	Pass	
			13	19.95	0.26	18.06	<=34.77	Pass	
	25	0	20.07	0.26	18.18	<=34.77	Pass		
	795.5	1	0	21.32	0.26	19.43	<=34.77	Pass	
			13	21.11	0.26	19.22	<=34.77	Pass	
			24	21.17	0.26	19.28	<=34.77	Pass	
		12	0	20.16	0.26	18.27	<=34.77	Pass	
			6	20.03	0.26	18.14	<=34.77	Pass	
			13	20.02	0.26	18.13	<=34.77	Pass	
		25	0	20.07	0.26	18.18	<=34.77	Pass	
		256QAM	790.5	1	0	18.30	0.26	16.41	<=34.77
13					18.14	0.26	16.25	<=34.77	Pass
24	18.32				0.26	16.43	<=34.77	Pass	
12	0			18.11	0.26	16.22	<=34.77	Pass	
	6			18.09	0.26	16.20	<=34.77	Pass	
	13			18.02	0.26	16.13	<=34.77	Pass	
25	0			18.11	0.26	16.22	<=34.77	Pass	
793	1		0	18.23	0.26	16.34	<=34.77	Pass	
			13	18.05	0.26	16.16	<=34.77	Pass	
			24	18.23	0.26	16.34	<=34.77	Pass	
	12		0	18.20	0.26	16.31	<=34.77	Pass	
			6	18.13	0.26	16.24	<=34.77	Pass	
25	0		18.16	0.26	16.27	<=34.77	Pass		
795.5	1		0	18.10	0.26	16.21	<=34.77	Pass	
			13	18.23	0.26	16.34	<=34.77	Pass	
			24	18.32	0.26	16.43	<=34.77	Pass	
	12		0	18.22	0.26	16.33	<=34.77	Pass	
			6	18.14	0.26	16.25	<=34.77	Pass	
	25		0	18.11	0.26	16.22	<=34.77	Pass	
25	0	18.23	0.26	16.34	<=34.77	Pass			
Note1: ERP=Conducted Power+Antenna Gain-2.15									

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.2 B14_10MHz_ERP

Band: 14 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	793	1	0	23.02	0.26	21.13	<=34.77	Pass
			25	23.05	0.26	21.16	<=34.77	Pass

			49	23.09	0.26	21.20	<=34.77	Pass		
		25	0	22.15	0.26	20.26	<=34.77	Pass		
			13	22.04	0.26	20.15	<=34.77	Pass		
			25	21.94	0.26	20.05	<=34.77	Pass		
		50	0	22.05	0.26	20.16	<=34.77	Pass		
16QAM	793	1	0	22.32	0.26	20.43	<=34.77	Pass		
			25	22.20	0.26	20.31	<=34.77	Pass		
			49	22.34	0.26	20.45	<=34.77	Pass		
		25	0	21.16	0.26	19.27	<=34.77	Pass		
			13	21.05	0.26	19.16	<=34.77	Pass		
			25	21.00	0.26	19.11	<=34.77	Pass		
		50	0	21.11	0.26	19.22	<=34.77	Pass		
		64QAM	793	1	0	21.17	0.26	19.28	<=34.77	Pass
					25	21.16	0.26	19.27	<=34.77	Pass
49	21.10				0.26	19.21	<=34.77	Pass		
25	0			20.08	0.26	18.19	<=34.77	Pass		
	13			19.99	0.26	18.10	<=34.77	Pass		
	25			19.98	0.26	18.09	<=34.77	Pass		
50	0			20.03	0.26	18.14	<=34.77	Pass		
256QAM	793	1	0	18.26	0.26	16.37	<=34.77	Pass		
			25	18.31	0.26	16.42	<=34.77	Pass		
			49	18.20	0.26	16.31	<=34.77	Pass		
		25	0	18.25	0.26	16.36	<=34.77	Pass		
			13	18.14	0.26	16.25	<=34.77	Pass		
			25	18.11	0.26	16.22	<=34.77	Pass		
		50	0	18.14	0.26	16.25	<=34.77	Pass		
Note1: ERP=Conducted Power+Antenna Gain-2.15										

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