

Sector	Zone	Port	QPSK	16QAM
1	1	1	28.01	27.71
		2	28.07	27.65
Total Conducted Power (mW)			1273.62	1172.30
Total Conducted Power (dBm)			31.05	30.69
Ant. Gain (dBi)			12.00	12.00
e.i.r.p (dBm)			43.05	42.69
Sector	Zone	Port	QPSK	16QAM
1	2	3	28.38	27.62
		4	27.81	27.60
Total Conducted Power (mW)			1176.61	1187.50
Total Conducted Power (dBm)			30.71	30.75
Ant. Gain (dBi)			12.00	12.00
e.i.r.p (dBm)			42.71	42.75
Sector	Zone	Port	QPSK	16QAM
2	3	5	28.13	28.25
		6	28.16	28.30
Total Conducted Power (mW)			1304.77	1344.43
Total Conducted Power (dBm)			31.16	31.29
Ant. Gain (dBi)			12.00	12.00
e.i.r.p (dBm)			43.16	43.29
Sector	Zone	Port	QPSK	16QAM
2	4	7	27.91	27.99
		8	27.81	27.96
Total Conducted Power (mW)			1221.97	1254.68
Total Conducted Power (dBm)			30.87	30.99
Ant. Gain (dBi)			12.00	12.00
e.i.r.p (dBm)			42.87	42.99

Table 10-20. Conducted Average Output Power Table (n48_2C_20M+20M_Middle Channel_2T)

FCC: A3LSOG2201		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Sector	Zone	Port	QPSK	16QAM
1	1	1	27.60	27.64
		2	27.79	27.83
Total Conducted Power (mW)			1176.61	1187.50
Total Conducted Power (dBm)			30.71	30.75
Ant. Gain (dBi)			12.00	12.00
e.i.r.p (dBm)			42.71	42.75
Sector	Zone	Port	QPSK	16QAM
1	2	3	28.25	27.67
		4	28.03	27.61
Total Conducted Power (mW)			1303.67	1161.56
Total Conducted Power (dBm)			31.15	30.65
Ant. Gain (dBi)			12.00	12.00
e.i.r.p (dBm)			43.15	42.65
Sector	Zone	Port	QPSK	16QAM
2	3	5	27.54	27.80
		6	28.03	28.04
Total Conducted Power (mW)			1202.88	1239.36
Total Conducted Power (dBm)			30.80	30.93
Ant. Gain (dBi)			12.00	12.00
e.i.r.p (dBm)			42.80	42.93
Sector	Zone	Port	QPSK	16QAM
2	4	7	27.59	27.48
		8	27.56	27.65
Total Conducted Power (mW)			1144.28	1141.86
Total Conducted Power (dBm)			30.59	30.58
Ant. Gain (dBi)			12.00	12.00
e.i.r.p (dBm)			42.59	42.58

Table 10-21. Conducted Average Output Power Table (n48_2C_20M+20M_High Channel_2T)

FCC: A3LSOG2201		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Sector	Zone	Port	QPSK	16QAM
1	1	1	28.38	28.39
		2	28.57	28.44
Total Conducted Power (mW)			1408.10	1388.47
Total Conducted Power (dBm)			31.49	31.43
Ant. Gain (dBi)			12.00	12.00
e.i.r.p (dBm)			43.49	43.43
Sector	Zone	Port	QPSK	16QAM
1	2	3	28.83	28.77
		4	28.37	28.31
Total Conducted Power (mW)			1450.90	1431.00
Total Conducted Power (dBm)			31.62	31.56
Ant. Gain (dBi)			12.00	12.00
e.i.r.p (dBm)			43.62	43.56
Sector	Zone	Port	QPSK	16QAM
2	3	5	28.75	28.37
		6	28.73	28.63
Total Conducted Power (mW)			1496.34	1416.53
Total Conducted Power (dBm)			31.75	31.51
Ant. Gain (dBi)			12.00	12.00
e.i.r.p (dBm)			43.75	43.51
Sector	Zone	Port	QPSK	16QAM
2	4	7	28.46	28.23
		8	28.64	28.25
Total Conducted Power (mW)			1432.59	1333.62
Total Conducted Power (dBm)			31.56	31.25
Ant. Gain (dBi)			12.00	12.00
e.i.r.p (dBm)			43.56	43.25

Table 10-22. Conducted Average Output Power Table (n48_2C_30M+10M_Low Channel_2T)

FCC: A3LSOG2201		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Sector	Zone	Port	QPSK	16QAM
1	1	1	28.11	28.11
		2	28.07	28.25
Total Conducted Power (mW)			1288.35	1315.49
Total Conducted Power (dBm)			31.10	31.19
Ant. Gain (dBi)			12.00	12.00
e.i.r.p (dBm)			43.10	43.19
Sector	Zone	Port	QPSK	16QAM
1	2	3	28.49	28.49
		4	28.17	28.14
Total Conducted Power (mW)			1362.46	1357.95
Total Conducted Power (dBm)			31.34	31.33
Ant. Gain (dBi)			12.00	12.00
e.i.r.p (dBm)			43.34	43.33
Sector	Zone	Port	QPSK	16QAM
2	3	5	28.40	27.92
		6	28.49	28.34
Total Conducted Power (mW)			1398.15	1301.78
Total Conducted Power (dBm)			31.46	31.15
Ant. Gain (dBi)			12.00	12.00
e.i.r.p (dBm)			43.46	43.15
Sector	Zone	Port	QPSK	16QAM
2	4	7	28.10	27.79
		8	28.16	27.87
Total Conducted Power (mW)			1300.29	1213.52
Total Conducted Power (dBm)			31.14	30.84
Ant. Gain (dBi)			12.00	12.00
e.i.r.p (dBm)			43.14	42.84

Table 10-23. Conducted Average Output Power Table (n48_2C_30M+10M_Middle Channel_2T)

FCC: A3LSOG2201		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Sector	Zone	Port	QPSK	16QAM
1	1	1	27.59	27.66
		2	27.69	27.78
Total Conducted Power (mW)			1161.61	1183.24
Total Conducted Power (dBm)			30.65	30.73
Ant. Gain (dBi)			12.00	12.00
e.i.r.p (dBm)			42.65	42.73
Sector	Zone	Port	QPSK	16QAM
1	2	3	27.88	27.45
		4	27.67	27.72
Total Conducted Power (mW)			1198.55	1147.47
Total Conducted Power (dBm)			30.79	30.60
Ant. Gain (dBi)			12.00	12.00
e.i.r.p (dBm)			42.79	42.60
Sector	Zone	Port	QPSK	16QAM
2	3	5	27.93	27.53
		6	27.97	27.79
Total Conducted Power (mW)			1247.48	1167.41
Total Conducted Power (dBm)			30.96	30.67
Ant. Gain (dBi)			12.00	12.00
e.i.r.p (dBm)			42.96	42.67
Sector	Zone	Port	QPSK	16QAM
2	4	7	27.67	27.43
		8	27.74	27.44
Total Conducted Power (mW)			1179.08	1107.98
Total Conducted Power (dBm)			30.72	30.45
Ant. Gain (dBi)			12.00	12.00
e.i.r.p (dBm)			42.72	42.45

Table 10-24. Conducted Average Output Power Table (n48_2C_30M+10M_High Channel_2T)

FCC: A3LSOG2201		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Sector	Zone	Port	QPSK	16QAM
1	1	1	27.66	27.99
		2	27.77	27.90
Total Conducted Power (mW)			1181.86	1246.10
Total Conducted Power (dBm)			30.73	30.96
Ant. Gain (dBi)			12.00	12.00
e.i.r.p (dBm)			42.73	42.96
Sector	Zone	Port	QPSK	16QAM
1	2	3	28.01	28.12
		4	27.68	27.93
Total Conducted Power (mW)			1218.55	1269.50
Total Conducted Power (dBm)			30.86	31.04
Ant. Gain (dBi)			12.00	12.00
e.i.r.p (dBm)			42.86	43.04
Sector	Zone	Port	QPSK	16QAM
2	3	5	27.88	28.20
		6	27.87	28.26
Total Conducted Power (mW)			1226.11	1330.58
Total Conducted Power (dBm)			30.89	31.24
Ant. Gain (dBi)			12.00	12.00
e.i.r.p (dBm)			42.89	43.24
Sector	Zone	Port	QPSK	16QAM
2	4	7	27.64	27.93
		8	27.72	28.03
Total Conducted Power (mW)			1172.33	1256.20
Total Conducted Power (dBm)			30.69	30.99
Ant. Gain (dBi)			12.00	12.00
e.i.r.p (dBm)			42.69	42.99

Table 10-25. Conducted Average Output Power Table (n48_2C_40M+40M_Low Channel_2T)

FCC: A3LSOG2201		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Sector	Zone	Port	QPSK	16QAM
1	1	1	27.90	27.88
		2	28.08	27.98
Total Conducted Power (mW)			1259.28	1241.82
Total Conducted Power (dBm)			31.00	30.94
Ant. Gain (dBi)			12.00	12.00
e.i.r.p (dBm)			43.00	42.94
Sector	Zone	Port	QPSK	16QAM
1	2	3	28.22	28.18
		4	28.01	27.91
Total Conducted Power (mW)			1296.15	1275.67
Total Conducted Power (dBm)			31.13	31.06
Ant. Gain (dBi)			12.00	12.00
e.i.r.p (dBm)			43.13	43.06
Sector	Zone	Port	QPSK	16QAM
2	3	5	27.81	27.96
		6	28.04	28.08
Total Conducted Power (mW)			1240.74	1267.86
Total Conducted Power (dBm)			30.94	31.03
Ant. Gain (dBi)			12.00	12.00
e.i.r.p (dBm)			42.94	43.03
Sector	Zone	Port	QPSK	16QAM
2	4	7	27.74	27.67
		8	27.79	27.84
Total Conducted Power (mW)			1195.47	1192.93
Total Conducted Power (dBm)			30.78	30.77
Ant. Gain (dBi)			12.00	12.00
e.i.r.p (dBm)			42.78	42.77

Table 10-26. Conducted Average Output Power Table (n48_2C_40M+40M_Middle Channel_2T)

FCC: A3LSOG2201		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Sector	Zone	Port	QPSK	16QAM
1	1	1	27.87	28.04
		2	28.06	28.09
Total Conducted Power (mW)			1252.09	1280.96
Total Conducted Power (dBm)			30.98	31.08
Ant. Gain (dBi)			12.00	12.00
e.i.r.p (dBm)			42.98	43.08
Sector	Zone	Port	QPSK	16QAM
1	2	3	28.38	28.29
		4	27.90	28.00
Total Conducted Power (mW)			1305.25	1305.49
Total Conducted Power (dBm)			31.16	31.16
Ant. Gain (dBi)			12.00	12.00
e.i.r.p (dBm)			43.16	43.16
Sector	Zone	Port	QPSK	16QAM
2	3	5	27.86	28.05
		6	28.09	28.28
Total Conducted Power (mW)			1255.11	1311.24
Total Conducted Power (dBm)			30.99	31.18
Ant. Gain (dBi)			12.00	12.00
e.i.r.p (dBm)			42.99	43.18
Sector	Zone	Port	QPSK	16QAM
2	4	7	27.73	27.78
		8	27.71	27.78
Total Conducted Power (mW)			1183.13	1199.58
Total Conducted Power (dBm)			30.73	30.79
Ant. Gain (dBi)			12.00	12.00
e.i.r.p (dBm)			42.73	42.79

Table 10-27. Conducted Average Output Power Table (n48_2C_40M+40M_High Channel_2T)

FCC: A3LSOG2201		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Sector	Zone	Port	QPSK	16QAM	64QAM	256QAM
1	1	1	27.71	27.48	27.77	27.73
		2	27.84	27.53	27.80	27.76
	2	3	27.84	27.50	27.77	27.40
		4	27.68	27.40	27.69	27.32
Total Conducted Power (mW)			2392.61	2237.88	2386.87	2279.01
Total Conducted Power (dBm)			33.79	33.50	33.78	33.58
Ant. Gain (dBi)			11.00	11.00	11.00	11.00
e.i.r.p (dBm)			44.79	44.50	44.78	44.58
Sector	Zone	Port	QPSK	16QAM	64QAM	256QAM
2	3	5	27.80	27.77	28.06	28.14
		6	27.72	27.68	27.96	28.07
	4	7	27.54	27.54	27.81	27.89
		8	27.65	27.65	27.84	28.02
Total Conducted Power (mW)			2343.77	2334.20	2476.99	2541.88
Total Conducted Power (dBm)			33.70	33.68	33.94	34.05
Ant. Gain (dBi)			11.00	11.00	11.00	11.00
e.i.r.p (dBm)			44.70	44.68	44.94	45.05

Table 10-28. Conducted Average Output Power Table (n48_1C_10M_Low Channel_4T)

Sector	Zone	Port	QPSK	16QAM	64QAM	256QAM
1	1	1	27.92	27.64	27.67	27.70
		2	27.82	27.68	27.71	27.74
	2	3	27.79	27.67	27.74	27.80
		4	27.80	27.66	27.59	27.79
Total Conducted Power (mW)			2428.52	2335.14	2343.40	2386.87
Total Conducted Power (dBm)			33.85	33.68	33.70	33.78
Ant. Gain (dBi)			11.00	11.00	11.00	11.00
e.i.r.p (dBm)			44.85	44.68	44.70	44.78
Sector	Zone	Port	QPSK	16QAM	64QAM	256QAM
2	3	5	28.13	28.15	28.24	28.44
		6	28.61	28.43	28.29	28.39
	4	7	28.30	27.77	28.03	28.20
		8	28.38	27.79	28.24	28.47
Total Conducted Power (mW)			2740.97	2549.34	2643.47	2752.24
Total Conducted Power (dBm)			34.38	34.06	34.22	34.40
Ant. Gain (dBi)			11.00	11.00	11.00	11.00
e.i.r.p (dBm)			45.38	45.06	45.22	45.40

Table 10-29. Conducted Average Output Power Table (n48_1C_10M_Middle Channel_4T)

FCC: A3LSOG2201			MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Sector	Zone	Port	QPSK	16QAM	64QAM	256QAM
1	1	1	27.92	27.66	27.62	27.46
		2	28.02	27.75	27.46	27.58
	2	3	27.94	27.68	27.43	27.54
		4	27.89	27.55	27.33	27.45
Total Conducted Power (mW)			2490.79	2334.10	2229.39	2253.43
Total Conducted Power (dBm)			33.96	33.68	33.48	33.53
Ant. Gain (dBi)			11.00	11.00	11.00	11.00
e.i.r.p (dBm)			44.96	44.68	44.48	44.53
Sector	Zone	Port	QPSK	16QAM	64QAM	256QAM
2	3	5	27.74	27.98	27.45	28.00
		6	27.68	28.02	28.02	28.11
	4	7	27.61	27.56	27.91	27.97
		8	27.50	27.73	27.85	27.93
Total Conducted Power (mW)			2319.54	2425.02	2417.33	2525.58
Total Conducted Power (dBm)			33.65	33.85	33.83	34.02
Ant. Gain (dBi)			11.00	11.00	11.00	11.00
e.i.r.p (dBm)			44.65	44.85	44.83	45.02

Table 10-30. Conducted Average Output Power Table (n48_1C_10M_High Channel_4T)

Sector	Zone	Port	QPSK	16QAM	64QAM	256QAM
1	1	1	27.54	28.07	27.43	28.07
		2	27.61	28.14	27.62	28.15
	2	3	27.78	28.34	27.68	28.33
		4	27.56	28.13	27.55	28.08
Total Conducted Power (mW)			2314.27	2625.31	2286.44	2617.80
Total Conducted Power (dBm)			33.64	34.19	33.59	34.18
Ant. Gain (dBi)			11.00	11.00	11.00	11.00
e.i.r.p (dBm)			44.64	45.19	44.59	45.18
Sector	Zone	Port	QPSK	16QAM	64QAM	256QAM
2	3	5	27.77	28.32	27.65	28.25
		6	28.04	28.59	27.96	27.96
	4	7	27.45	28.03	27.43	27.98
		8	27.58	28.16	27.65	28.12
Total Conducted Power (mW)			2363.91	2691.94	2342.73	2570.21
Total Conducted Power (dBm)			33.74	34.30	33.70	34.10
Ant. Gain (dBi)			11.00	11.00	11.00	11.00
e.i.r.p (dBm)			44.74	45.30	44.70	45.10

Table 10-31. Conducted Average Output Power Table (n48_1C_20M_Low Channel_4T)

FCC: A3LSOG2201			MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Sector	Zone	Port	QPSK	16QAM	64QAM	256QAM
1	1	1	28.41	28.62	28.46	28.40
		2	28.47	28.66	28.46	28.46
	2	3	28.22	28.70	28.81	28.80
		4	28.55	28.67	28.62	28.52
Total Conducted Power (mW)			2776.38	2939.81	2891.02	2863.08
Total Conducted Power (dBm)			34.43	34.68	34.61	34.57
Ant. Gain (dBi)			11.00	11.00	11.00	11.00
e.i.r.p (dBm)			45.43	45.68	45.61	45.57
Sector	Zone	Port	QPSK	16QAM	64QAM	256QAM
2	3	5	28.34	28.17	28.18	28.06
		6	28.60	28.59	28.59	28.46
	4	7	27.90	27.87	27.89	27.76
		8	27.99	27.94	27.96	28.06
Total Conducted Power (mW)			2652.88	2613.57	2620.78	2577.96
Total Conducted Power (dBm)			34.24	34.17	34.18	34.11
Ant. Gain (dBi)			11.00	11.00	11.00	11.00
e.i.r.p (dBm)			45.24	45.17	45.18	45.11

Table 10-32. Conducted Average Output Power Table (n48_1C_20M_Middle Channel_4T)

Sector	Zone	Port	QPSK	16QAM	64QAM	256QAM
1	1	1	27.25	27.82	27.22	27.73
		2	27.32	27.90	27.62	27.89
	2	3	27.76	28.32	28.08	28.23
		4	27.34	27.92	27.68	27.87
Total Conducted Power (mW)			2209.43	2520.58	2334.15	2485.73
Total Conducted Power (dBm)			33.44	34.02	33.68	33.95
Ant. Gain (dBi)			11.00	11.00	11.00	11.00
e.i.r.p (dBm)			44.44	45.02	44.68	44.95
Sector	Zone	Port	QPSK	16QAM	64QAM	256QAM
2	3	5	27.49	28.09	27.81	28.14
		6	27.93	28.58	28.24	27.91
	4	7	27.37	28.02	27.69	27.99
		8	27.34	27.98	27.63	27.93
Total Conducted Power (mW)			2269.68	2627.20	2437.67	2520.02
Total Conducted Power (dBm)			33.56	34.19	33.87	34.01
Ant. Gain (dBi)			11.00	11.00	11.00	11.00
e.i.r.p (dBm)			44.56	45.19	44.87	45.01

Table 10-33. Conducted Average Output Power Table (n48_1C_20M_High Channel_4T)

FCC: A3LSOG2201			MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Sector	Zone	Port	QPSK	16QAM	64QAM	256QAM
1	1	1	27.99	27.72	27.64	27.44
		2	28.07	27.73	27.71	27.47
	2	3	28.10	27.99	27.97	27.73
		4	27.96	27.62	27.90	27.48
Total Conducted Power (mW)			2541.54	2392.09	2414.17	2265.78
Total Conducted Power (dBm)			34.05	33.79	33.83	33.55
Ant. Gain (dBi)			11.00	11.00	11.00	11.00
e.i.r.p (dBm)			45.05	44.79	44.83	44.55
Sector	Zone	Port	QPSK	16QAM	64QAM	256QAM
2	3	5	28.22	27.92	27.86	27.63
		6	28.53	28.34	28.42	28.06
	4	7	27.80	27.57	27.71	27.41
		8	28.01	27.72	27.74	27.53
Total Conducted Power (mW)			2611.57	2464.82	2490.46	2336.21
Total Conducted Power (dBm)			34.17	33.92	33.96	33.69
Ant. Gain (dBi)			11.00	11.00	11.00	11.00
e.i.r.p (dBm)			45.17	44.92	44.96	44.69

Table 10-34. Conducted Average Output Power Table (n48_1C_30M_Low Channel_4T)

Sector	Zone	Port	QPSK	16QAM	64QAM	256QAM
1	1	1	28.28	28.45	28.43	28.40
		2	28.35	28.51	28.57	28.49
	2	3	28.65	28.80	28.65	28.65
		4	28.35	28.49	28.63	28.40
Total Conducted Power (mW)			2773.62	2874.31	2878.36	2822.80
Total Conducted Power (dBm)			34.43	34.59	34.59	34.51
Ant. Gain (dBi)			11.00	11.00	11.00	11.00
e.i.r.p (dBm)			45.43	45.59	45.59	45.51
Sector	Zone	Port	QPSK	16QAM	64QAM	256QAM
2	3	5	28.21	28.56	28.60	28.52
		6	28.21	28.63	28.58	28.63
	4	7	27.95	28.54	28.14	28.19
		8	28.05	28.67	28.17	28.35
Total Conducted Power (mW)			2586.43	2897.96	2753.32	2783.76
Total Conducted Power (dBm)			34.13	34.62	34.40	34.45
Ant. Gain (dBi)			11.00	11.00	11.00	11.00
e.i.r.p (dBm)			45.13	45.62	45.40	45.45

Table 10-35. Conducted Average Output Power Table (n48_1C_30M_Middle Channel_4T)

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Sector	Zone	Port	QPSK	16QAM	64QAM	256QAM
1	1	1	27.97	27.66	27.31	27.32
		2	27.91	27.77	27.73	27.59
	2	3	28.30	28.22	28.14	28.04
		4	27.87	27.77	27.69	27.63
Total Conducted Power (mW)			2533.06	2444.01	2370.31	2329.85
Total Conducted Power (dBm)			34.04	33.88	33.75	33.67
Ant. Gain (dBi)			11.00	11.00	11.00	11.00
e.i.r.p (dBm)			45.04	44.88	44.75	44.67
Sector	Zone	Port	QPSK	16QAM	64QAM	256QAM
2	3	5	28.03	27.90	27.85	27.72
		6	28.43	28.30	28.30	28.17
	4	7	27.98	27.70	27.79	27.56
		8	27.83	27.65	27.71	27.50
Total Conducted Power (mW)			2566.75	2463.62	2476.99	2380.21
Total Conducted Power (dBm)			34.09	33.92	33.94	33.77
Ant. Gain (dBi)			11.00	11.00	11.00	11.00
e.i.r.p (dBm)			45.09	44.92	44.94	44.77

Table 10-36. Conducted Average Output Power Table (n48_1C_30M_High Channel_4T)

Sector	Zone	Port	QPSK	16QAM	64QAM	256QAM
1	1	1	27.83	28.32	27.94	28.12
		2	27.89	28.48	28.08	28.20
	2	3	28.10	28.63	28.30	28.64
		4	27.92	28.31	28.27	28.17
Total Conducted Power (mW)			2487.01	2791.00	2612.50	2696.61
Total Conducted Power (dBm)			33.96	34.46	34.17	34.31
Ant. Gain (dBi)			11.00	11.00	11.00	11.00
e.i.r.p (dBm)			44.96	45.46	45.17	45.31
Sector	Zone	Port	QPSK	16QAM	64QAM	256QAM
2	3	5	28.09	28.51	28.42	28.30
		6	28.04	28.73	28.71	28.74
	4	7	28.14	28.50	28.32	28.02
		8	28.22	28.60	28.37	28.23
Total Conducted Power (mW)			2596.34	2888.41	2804.32	2723.40
Total Conducted Power (dBm)			34.14	34.61	34.48	34.35
Ant. Gain (dBi)			11.00	11.00	11.00	11.00
e.i.r.p (dBm)			45.14	45.61	45.48	45.35

Table 10-37. Conducted Average Output Power Table (n48_1C_40M_Low Channel_4T)

FCC: A3LSOG2201			MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Sector	Zone	Port	QPSK	16QAM	64QAM	256QAM
1	1	1	27.95	28.11	27.96	27.95
		2	27.99	28.23	27.97	28.02
	2	3	28.29	28.48	28.30	28.36
		4	28.08	28.19	28.13	28.04
Total Conducted Power (mW)			2570.46	2676.28	2578.00	2579.89
Total Conducted Power (dBm)			34.10	34.28	34.11	34.12
Ant. Gain (dBi)			11.00	11.00	11.00	11.00
e.i.r.p (dBm)			45.10	45.28	45.11	45.12
Sector	Zone	Port	QPSK	16QAM	64QAM	256QAM
2	3	5	28.03	28.54	28.28	28.40
		6	28.52	28.58	28.52	28.40
	4	7	27.71	28.28	27.85	28.10
		8	27.78	28.34	28.00	28.15
Total Conducted Power (mW)			2536.54	2790.92	2624.68	2682.45
Total Conducted Power (dBm)			34.04	34.46	34.19	34.29
Ant. Gain (dBi)			11.00	11.00	11.00	11.00
e.i.r.p (dBm)			45.04	45.46	45.19	45.29

Table 10-38. Conducted Average Output Power Table (n48_1C_40M_Middle Channel_4T)

Sector	Zone	Port	QPSK	16QAM	64QAM	256QAM
1	1	1	27.59	28.03	27.53	27.75
		2	27.66	28.19	27.60	27.77
	2	3	28.02	28.50	27.97	28.14
		4	27.41	27.90	27.35	27.71
Total Conducted Power (mW)			2342.24	2619.05	2311.54	2435.90
Total Conducted Power (dBm)			33.70	34.18	33.64	33.87
Ant. Gain (dBi)			11.00	11.00	11.00	11.00
e.i.r.p (dBm)			44.70	45.18	44.64	44.87
Sector	Zone	Port	QPSK	16QAM	64QAM	256QAM
2	3	5	27.71	28.23	27.75	27.99
		6	28.29	28.69	28.40	28.38
	4	7	27.54	27.99	27.61	27.78
		8	27.55	28.01	27.61	27.78
Total Conducted Power (mW)			2401.13	2666.80	2441.03	2517.74
Total Conducted Power (dBm)			33.80	34.26	33.88	34.01
Ant. Gain (dBi)			11.00	11.00	11.00	11.00
e.i.r.p (dBm)			44.80	45.26	44.88	45.01

Table 10-39. Conducted Average Output Power Table (n48_1C_40M_High Channel_4T)

FCC: A3LSOG2201			MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Sector	Zone	Port	QPSK	16QAM
1	1	1	27.60	28.07
		2	27.55	27.94
	2	3	27.81	27.82
		4	27.53	27.95
Total Conducted Power (mW)			2314.48	2492.59
Total Conducted Power (dBm)			33.64	33.97
Ant. Gain (dBi)			11.00	11.00
e.i.r.p (dBm)			44.64	44.97
Sector	Zone	Port	QPSK	16QAM
2	3	5	27.80	28.13
		6	27.72	28.04
	4	7	27.55	27.85
		8	27.68	27.95
Total Conducted Power (mW)			2349.11	2520.20
Total Conducted Power (dBm)			33.71	34.01
Ant. Gain (dBi)			11.00	11.00
e.i.r.p (dBm)			44.71	45.01

Table 10-40. Conducted Average Output Power Table (n48_2C_10M+10M_Low Channel_4T)

Sector	Zone	Port	QPSK	16QAM
1	1	1	28.23	28.32
		2	28.26	28.42
	2	3	28.66	28.47
		4	28.30	28.47
Total Conducted Power (mW)			2745.75	2780.37
Total Conducted Power (dBm)			34.39	34.44
Ant. Gain (dBi)			11.00	11.00
e.i.r.p (dBm)			45.39	45.44
Sector	Zone	Port	QPSK	16QAM
2	3	5	28.83	28.92
		6	28.92	28.55
	4	7	28.60	28.81
		8	28.70	28.82
Total Conducted Power (mW)			3009.41	3018.38
Total Conducted Power (dBm)			34.78	34.80
Ant. Gain (dBi)			11.00	11.00
e.i.r.p (dBm)			45.78	45.80

Table 10-41. Conducted Average Output Power Table (n48_2C_10M+10M_Middle Channel_4T)

FCC: A3LSOG2201		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Sector	Zone	Port	QPSK	16QAM
1	1	1	27.49	27.96
		2	27.62	27.80
	2	3	27.57	27.91
		4	27.70	27.91
Total Conducted Power (mW)			2299.47	2463.77
Total Conducted Power (dBm)			33.62	33.92
Ant. Gain (dBi)			11.00	11.00
e.i.r.p (dBm)			44.62	44.92
Sector	Zone	Port	QPSK	16QAM
2	3	5	27.56	27.91
		6	27.64	27.98
	4	7	27.72	28.13
		8	27.35	28.02
Total Conducted Power (mW)			2285.74	2530.07
Total Conducted Power (dBm)			33.59	34.03
Ant. Gain (dBi)			11.00	11.00
e.i.r.p (dBm)			44.59	45.03

Table 10-42. Conducted Average Output Power Table (n48_2C_10M+10M_High Channel_4T)

Sector	Zone	Port	QPSK	16QAM
1	1	1	27.63	27.72
		2	27.63	27.79
	2	3	27.89	28.04
		4	27.71	27.79
Total Conducted Power (mW)			2364.24	2430.70
Total Conducted Power (dBm)			33.74	33.86
Ant. Gain (dBi)			11.00	11.00
e.i.r.p (dBm)			44.74	44.86
Sector	Zone	Port	QPSK	16QAM
2	3	5	27.94	27.92
		6	27.89	27.90
	4	7	27.64	27.59
		8	27.76	27.76
Total Conducted Power (mW)			2415.28	2407.19
Total Conducted Power (dBm)			33.83	33.82
Ant. Gain (dBi)			11.00	11.00
e.i.r.p (dBm)			44.83	44.82

Table 10-43. Conducted Average Output Power Table (n48_2C_10M+20M_Low Channel_4T)

FCC: A3LSOG2201		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Sector	Zone	Port	QPSK	16QAM
1	1	1	28.34	28.10
		2	28.38	28.48
	2	3	28.63	28.51
		4	28.40	28.43
Total Conducted Power (mW)			2792.28	2756.55
Total Conducted Power (dBm)			34.46	34.40
Ant. Gain (dBi)			11.00	11.00
e.i.r.p (dBm)			45.46	45.40
Sector	Zone	Port	QPSK	16QAM
2	3	5	28.05	28.00
		6	28.17	28.04
	4	7	27.86	27.84
		8	27.89	27.71
Total Conducted Power (mW)			2520.53	2466.09
Total Conducted Power (dBm)			34.01	33.92
Ant. Gain (dBi)			11.00	11.00
e.i.r.p (dBm)			45.01	44.92

Table 10-44. Conducted Average Output Power Table (n48_2C_10M+20M_Middle Channel_4T)

Sector	Zone	Port	QPSK	16QAM
1	1	1	27.78	27.34
		2	27.80	27.52
	2	3	27.45	28.02
		4	27.81	27.67
Total Conducted Power (mW)			2362.20	2325.60
Total Conducted Power (dBm)			33.73	33.67
Ant. Gain (dBi)			11.00	11.00
e.i.r.p (dBm)			44.73	44.67
Sector	Zone	Port	QPSK	16QAM
2	3	5	27.85	27.84
		6	28.02	27.87
	4	7	27.75	27.59
		8	27.73	27.82
Total Conducted Power (mW)			2431.99	2399.94
Total Conducted Power (dBm)			33.86	33.80
Ant. Gain (dBi)			11.00	11.00
e.i.r.p (dBm)			44.86	44.80

Table 10-45. Conducted Average Output Power Table (n48_2C_10M+20M_High Channel_4T)

FCC: A3LSOG2201		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Sector	Zone	Port	QPSK	16QAM
1	1	1	28.04	27.93
		2	28.06	27.76
	2	3	28.32	27.74
		4	28.01	27.62
Total Conducted Power (mW)			2588.15	2390.29
Total Conducted Power (dBm)			34.13	33.78
Ant. Gain (dBi)			11.00	11.00
e.i.r.p (dBm)			45.13	44.78
Sector	Zone	Port	QPSK	16QAM
2	3	5	28.03	28.43
		6	28.17	28.39
	4	7	27.85	28.12
		8	28.09	28.26
Total Conducted Power (mW)			2545.18	2705.39
Total Conducted Power (dBm)			34.06	34.32
Ant. Gain (dBi)			11.00	11.00
e.i.r.p (dBm)			45.06	45.32

Table 10-46. Conducted Average Output Power Table (n48_2C_20M+20M_Low Channel_4T)

Sector	Zone	Port	QPSK	16QAM
1	1	1	28.01	27.71
		2	28.07	27.65
	2	3	28.38	27.62
		4	27.81	27.60
Total Conducted Power (mW)			2566.22	2325.84
Total Conducted Power (dBm)			34.09	33.67
Ant. Gain (dBi)			11.00	11.00
e.i.r.p (dBm)			45.09	44.67
Sector	Zone	Port	QPSK	16QAM
2	3	5	28.13	28.25
		6	28.16	28.30
	4	7	27.91	27.99
		8	27.81	27.96
Total Conducted Power (mW)			2526.73	2599.11
Total Conducted Power (dBm)			34.03	34.15
Ant. Gain (dBi)			11.00	11.00
e.i.r.p (dBm)			45.03	45.15

Table 10-47. Conducted Average Output Power Table (n48_2C_20M+20M_Middle Channel_4T)

FCC: A3LSOG2201		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Sector	Zone	Port	QPSK	16QAM
1	1	1	27.60	27.64
		2	27.79	27.83
	2	3	28.25	27.67
		4	28.03	27.61
Total Conducted Power (mW)			2480.29	2349.06
Total Conducted Power (dBm)			33.95	33.71
Ant. Gain (dBi)			11.00	11.00
e.i.r.p (dBm)			44.95	44.71
Sector	Zone	Port	QPSK	16QAM
2	3	5	27.54	27.80
		6	28.03	28.04
	4	7	27.59	27.48
		8	27.56	27.65
Total Conducted Power (mW)			2347.16	2381.22
Total Conducted Power (dBm)			33.71	33.77
Ant. Gain (dBi)			11.00	11.00
e.i.r.p (dBm)			44.71	44.77

Table 10-48. Conducted Average Output Power Table (n48_2C_20M+20M_High Channel_4T)

Sector	Zone	Port	QPSK	16QAM
1	1	1	28.38	28.39
		2	28.57	28.44
	2	3	28.83	28.77
		4	28.37	28.31
Total Conducted Power (mW)			2859.01	2819.47
Total Conducted Power (dBm)			34.56	34.50
Ant. Gain (dBi)			11.00	11.00
e.i.r.p (dBm)			45.56	45.50
Sector	Zone	Port	QPSK	16QAM
2	3	5	28.75	28.37
		6	28.73	28.63
	4	7	28.46	28.23
		8	28.64	28.25
Total Conducted Power (mW)			2928.94	2750.14
Total Conducted Power (dBm)			34.67	34.39
Ant. Gain (dBi)			11.00	11.00
e.i.r.p (dBm)			45.67	45.39

Table 10-49. Conducted Average Output Power Table (n48_2C_30M+10M_Low Channel_4T)

FCC: A3LSOG2201		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Sector	Zone	Port	QPSK	16QAM
1	1	1	28.11	28.11
		2	28.07	28.25
	2	3	28.49	28.49
		4	28.17	28.14
Total Conducted Power (mW)			2650.82	2673.43
Total Conducted Power (dBm)			34.23	34.27
Ant. Gain (dBi)			11.00	11.00
e.i.r.p (dBm)			45.23	45.27
Sector	Zone	Port	QPSK	16QAM
2	3	5	28.40	27.92
		6	28.49	28.34
	4	7	28.10	27.79
		8	28.16	27.87
Total Conducted Power (mW)			2698.44	2515.30
Total Conducted Power (dBm)			34.31	34.01
Ant. Gain (dBi)			11.00	11.00
e.i.r.p (dBm)			45.31	45.01

Table 10-50. Conducted Average Output Power Table (n48_2C_30M+10M_Middle Channel_4T)

Sector	Zone	Port	QPSK	16QAM
1	1	1	27.59	27.66
		2	27.69	27.78
	2	3	27.88	27.45
		4	27.67	27.72
Total Conducted Power (mW)			2360.16	2330.70
Total Conducted Power (dBm)			33.73	33.67
Ant. Gain (dBi)			11.00	11.00
e.i.r.p (dBm)			44.73	44.67
Sector	Zone	Port	QPSK	16QAM
2	3	5	27.93	27.53
		6	27.97	27.79
	4	7	27.67	27.43
		8	27.74	27.44
Total Conducted Power (mW)			2426.57	2275.39
Total Conducted Power (dBm)			33.85	33.57
Ant. Gain (dBi)			11.00	11.00
e.i.r.p (dBm)			44.85	44.57

Table 10-51. Conducted Average Output Power Table (n48_2C_30M+10M_High Channel_4T)

FCC: A3LSOG2201		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Sector	Zone	Port	QPSK	16QAM
1	1	1	27.66	27.99
		2	27.77	27.90
	2	3	28.01	28.12
		4	27.68	27.93
Total Conducted Power (mW)			2400.41	2515.60
Total Conducted Power (dBm)			33.80	34.01
Ant. Gain (dBi)			11.00	11.00
e.i.r.p (dBm)			44.80	45.01
Sector	Zone	Port	QPSK	16QAM
2	3	5	27.88	28.20
		6	27.87	28.26
	4	7	27.64	27.93
		8	27.72	28.03
Total Conducted Power (mW)			2398.44	2586.78
Total Conducted Power (dBm)			33.80	34.13
Ant. Gain (dBi)			11.00	11.00
e.i.r.p (dBm)			44.80	45.13

Table 10-52. Conducted Average Output Power Table (n48_2C_40M+40M_Low Channel_4T)

Sector	Zone	Port	QPSK	16QAM
1	1	1	27.90	27.88
		2	28.08	27.98
	2	3	28.22	28.18
		4	28.01	27.91
Total Conducted Power (mW)			2555.44	2517.49
Total Conducted Power (dBm)			34.07	34.01
Ant. Gain (dBi)			11.00	11.00
e.i.r.p (dBm)			45.07	45.01
Sector	Zone	Port	QPSK	16QAM
2	3	5	27.81	27.96
		6	28.04	28.08
	4	7	27.74	27.67
		8	27.79	27.84
Total Conducted Power (mW)			2436.21	2460.79
Total Conducted Power (dBm)			33.87	33.91
Ant. Gain (dBi)			11.00	11.00
e.i.r.p (dBm)			44.87	44.91

Table 10-53. Conducted Average Output Power Table (n48_2C_40M+40M_Middle Channel_4T)

FCC: A3LSOG2201		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Sector	Zone	Port	QPSK	16QAM
1	1	1	27.87	28.04
		2	28.06	28.09
	2	3	28.38	28.29
		4	27.90	28.00
Total Conducted Power (mW)			2557.33	2586.45
Total Conducted Power (dBm)			34.08	34.13
Ant. Gain (dBi)			11.00	11.00
e.i.r.p (dBm)			45.08	45.13
Sector	Zone	Port	QPSK	16QAM
2	3	5	27.86	28.05
		6	28.09	28.28
	4	7	27.73	27.78
		8	27.71	27.78
Total Conducted Power (mW)			2438.24	2510.82
Total Conducted Power (dBm)			33.87	34.00
Ant. Gain (dBi)			11.00	11.00
e.i.r.p (dBm)			44.87	45.00

Table 10-54. Conducted Average Output Power Table (n48_2C_40M+40M_High Channel_4T)

FCC: A3LSOG2201		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Sector	Zone	Port	QPSK	16QAM
1	1	1	24.94	24.82
		2	25.16	24.92
	2	3	25.20	24.92
		4	25.17	24.91
2	3	5	25.10	25.02
		6	25.09	25.02
	4	7	25.10	24.82
		8	25.15	24.89
Total Conducted Power (mW)			2597.34	2481.13
Total Conducted Power (dBm)			34.15	33.95
Ant. Gain (dBi)			8.00	8.00
e.i.r.p (dBm)			42.15	41.95

Table 10-55. Conducted Average Output Power Table (n48_1C_10M_Low Channel_8T)

Sector	Zone	Port	QPSK	16QAM
1	1	1	25.19	24.82
		2	25.50	25.20
	2	3	24.87	25.24
		4	25.23	24.95
2	3	5	25.59	25.35
		6	25.56	25.18
	4	7	25.12	25.01
		8	25.21	24.91
Total Conducted Power (mW)			2704.49	2580.40
Total Conducted Power (dBm)			34.32	34.12
Ant. Gain (dBi)			8.00	8.00
e.i.r.p (dBm)			42.32	42.12

Table 10-56. Conducted Average Output Power Table (n48_1C_10M_Middle Channel_8T)

FCC: A3LSOG2201		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Sector	Zone	Port	QPSK	16QAM
1	1	1	24.99	25.31
		2	25.12	24.99
	2	3	24.85	24.48
		4	24.55	24.69
2	3	5	24.41	24.83
		6	24.46	24.48
	4	7	24.79	24.75
		8	24.47	24.58
Total Conducted Power (mW)			2367.69	2400.36
Total Conducted Power (dBm)			33.74	33.80
Ant. Gain (dBi)			8.00	8.00
e.i.r.p (dBm)			41.74	41.80

Table 10-57. Conducted Average Output Power Table (n48_1C_10M_High Channel_8T)

Sector	Zone	Port	QPSK	16QAM
1	1	1	24.77	24.71
		2	24.78	24.62
	2	3	24.75	24.72
		4	24.65	24.85
2	3	5	24.74	24.81
		6	24.74	24.67
	4	7	24.67	24.81
		8	24.86	24.72
Total Conducted Power (mW)			2385.79	2382.47
Total Conducted Power (dBm)			33.78	33.77
Ant. Gain (dBi)			8.00	8.00
e.i.r.p (dBm)			41.78	41.77

Table 10-58. Conducted Average Output Power Table (n48_1C_20M_Low Channel_8T)

FCC: A3LSOG2201		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Sector	Zone	Port	QPSK	16QAM
1	1	1	25.02	25.14
		2	25.19	25.37
	2	3	25.00	25.19
		4	24.64	25.09
2	3	5	25.02	25.10
		6	25.26	25.34
	4	7	25.00	25.22
		8	25.19	25.38
Total Conducted Power (mW)			2555.38	2667.53
Total Conducted Power (dBm)			34.07	34.26
Ant. Gain (dBi)			8.00	8.00
e.i.r.p (dBm)			42.07	42.26

Table 10-59. Conducted Average Output Power Table (n48_1C_20M_Middle Channel_8T)

Sector	Zone	Port	QPSK	16QAM
1	1	1	24.92	24.47
		2	24.70	24.59
	2	3	25.03	24.48
		4	24.60	24.86
2	3	5	24.95	24.91
		6	24.58	24.79
	4	7	24.77	24.68
		8	24.97	24.77
Total Conducted Power (mW)			2426.05	2359.10
Total Conducted Power (dBm)			33.85	33.73
Ant. Gain (dBi)			8.00	8.00
e.i.r.p (dBm)			41.85	41.73

Table 10-60. Conducted Average Output Power Table (n48_1C_20M_High Channel_8T)

FCC: A3LSOG2201		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Sector	Zone	Port	QPSK	16QAM
1	1	1	24.63	24.96
		2	24.58	25.02
	2	3	24.79	25.22
		4	24.69	24.98
2	3	5	24.84	25.11
		6	24.83	25.12
	4	7	24.65	25.08
		8	24.69	25.10
Total Conducted Power (mW)			2368.29	2573.58
Total Conducted Power (dBm)			33.74	34.11
Ant. Gain (dBi)			8.00	8.00
e.i.r.p (dBm)			41.74	42.11

Table 10-61. Conducted Average Output Power Table (n48_1C_30M_Low Channel_8T)

Sector	Zone	Port	QPSK	16QAM
1	1	1	25.05	25.46
		2	25.07	25.43
	2	3	25.23	25.10
		4	25.36	24.99
2	3	5	25.45	25.29
		6	25.47	25.37
	4	7	25.00	25.41
		8	25.43	25.34
Total Conducted Power (mW)			2686.73	2711.73
Total Conducted Power (dBm)			34.29	34.33
Ant. Gain (dBi)			8.00	8.00
e.i.r.p (dBm)			42.29	42.33

Table 10-62. Conducted Average Output Power Table (n48_1C_30M_Middle Channel_8T)

FCC: A3LSOG2201		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Sector	Zone	Port	QPSK	16QAM
1	1	1	24.63	24.84
		2	24.72	24.82
	2	3	24.96	24.84
		4	24.80	24.96
2	3	5	24.71	25.02
		6	24.90	24.90
	4	7	24.62	24.48
		8	24.88	24.48
Total Conducted Power (mW)			2404.38	2414.10
Total Conducted Power (dBm)			33.81	33.83
Ant. Gain (dBi)			8.00	8.00
e.i.r.p (dBm)			41.81	41.83

Table 10-63. Conducted Average Output Power Table (n48_1C_30M_High Channel_8T)

Sector	Zone	Port	QPSK	16QAM
1	1	1	24.99	25.10
		2	25.00	24.92
	2	3	25.05	25.14
		4	25.03	25.17
2	3	5	24.97	25.02
		6	25.08	25.30
	4	7	24.90	25.17
		8	25.12	25.28
Total Conducted Power (mW)			2540.31	2612.16
Total Conducted Power (dBm)			34.05	34.17
Ant. Gain (dBi)			8.00	8.00
e.i.r.p (dBm)			42.05	42.17

Table 10-64. Conducted Average Output Power Table (n48_1C_40M_Low Channel_8T)

FCC: A3LSOG2201		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Sector	Zone	Port	QPSK	16QAM
1	1	1	25.00	24.68
		2	25.19	24.78
	2	3	25.12	25.03
		4	24.86	25.49
2	3	5	24.69	24.90
		6	25.14	25.00
	4	7	25.14	24.82
		8	25.32	24.90
Total Conducted Power (mW)			2565.91	2504.47
Total Conducted Power (dBm)			34.09	33.99
Ant. Gain (dBi)			8.00	8.00
e.i.r.p (dBm)			42.09	41.99

Table 10-65. Conducted Average Output Power Table (n48_1C_40M_Middle Channel_8T)

Sector	Zone	Port	QPSK	16QAM
1	1	1	24.73	24.64
		2	24.76	24.61
	2	3	24.80	24.72
		4	24.68	24.72
2	3	5	24.81	24.82
		6	24.89	25.00
	4	7	24.74	24.87
		8	24.94	24.93
Total Conducted Power (mW)			2412.90	2410.80
Total Conducted Power (dBm)			33.83	33.82
Ant. Gain (dBi)			8.00	8.00
e.i.r.p (dBm)			41.83	41.82

Table 10-66. Conducted Average Output Power Table (n48_1C_40M_High Channel_8T)

FCC: A3LSOG2201		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Sector	Zone	Port	QPSK	16QAM
1	1	1	24.93	24.60
		2	24.77	24.49
	2	3	24.61	24.46
		4	24.32	24.52
2	3	5	25.06	24.80
		6	24.92	24.90
	4	7	24.53	24.77
		8	24.34	24.85
Total Conducted Power (mW)			2357.07	2348.42
Total Conducted Power (dBm)			33.72	33.71
Ant. Gain (dBi)			8.00	8.00
e.i.r.p (dBm)			41.72	41.71

Table 10-67. Conducted Average Output Power Table (n48_2C_10M+10M_Low Channel_8T)

Sector	Zone	Port	QPSK	16QAM
1	1	1	25.38	25.35
		2	24.85	25.48
	2	3	25.56	25.61
		4	24.74	25.61
2	3	5	25.69	25.50
		6	25.05	25.42
	4	7	25.12	25.08
		8	25.49	25.54
Total Conducted Power (mW)			2677.89	2807.14
Total Conducted Power (dBm)			34.28	34.48
Ant. Gain (dBi)			8.00	8.00
e.i.r.p (dBm)			42.28	42.48

Table 10-68. Conducted Average Output Power Table (n48_2C_10M+10M_Middle Channel_8T)

FCC: A3LSOG2201		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Sector	Zone	Port	QPSK	16QAM
1	1	1	24.50	24.51
		2	24.35	24.68
	2	3	24.59	24.90
		4	24.64	24.84
2	3	5	24.32	24.55
		6	24.95	24.81
	4	7	24.80	24.57
		8	24.62	24.50
Total Conducted Power (mW)			2307.65	2346.12
Total Conducted Power (dBm)			33.63	33.70
Ant. Gain (dBi)			8.00	8.00
e.i.r.p (dBm)			41.63	41.70

Table 10-69. Conducted Average Output Power Table (n48_2C_10M+10M_High Channel_8T)

Sector	Zone	Port	QPSK	16QAM
1	1	1	24.69	24.56
		2	24.80	24.62
	2	3	24.83	24.41
		4	24.75	24.68
2	3	5	24.90	24.40
		6	24.95	24.42
	4	7	24.69	24.52
		8	24.81	24.73
Total Conducted Power (mW)			2417.84	2277.74
Total Conducted Power (dBm)			33.83	33.58
Ant. Gain (dBi)			8.00	8.00
e.i.r.p (dBm)			41.83	41.58

Table 10-70. Conducted Average Output Power Table (n48_2C_10M+20M_Low Channel_8T)

FCC: A3LSOG2201		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Sector	Zone	Port	QPSK	16QAM
1	1	1	25.23	25.27
		2	24.92	25.24
	2	3	25.25	25.25
		4	25.58	25.07
2	3	5	24.85	25.31
		6	25.26	25.34
	4	7	25.36	25.59
		8	24.95	25.18
Total Conducted Power (mW)			2637.65	2700.50
Total Conducted Power (dBm)			34.21	34.31
Ant. Gain (dBi)			8.00	8.00
e.i.r.p (dBm)			42.21	42.31

Table 10-71. Conducted Average Output Power Table (n48_2C_10M+20M_Middle Channel_8T)

Sector	Zone	Port	QPSK	16QAM
1	1	1	24.52	24.59
		2	24.66	24.61
	2	3	24.71	24.62
		4	24.58	24.72
2	3	5	24.68	24.77
		6	24.73	24.56
	4	7	24.55	24.75
		8	24.45	24.63
Total Conducted Power (mW)			2313.08	2337.64
Total Conducted Power (dBm)			33.64	33.69
Ant. Gain (dBi)			8.00	8.00
e.i.r.p (dBm)			41.64	41.69

Table 10-72. Conducted Average Output Power Table (n48_2C_10M+20M_High Channel_8T)

FCC: A3LSOG2201		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Sector	Zone	Port	QPSK	16QAM
1	1	1	25.57	25.42
		2	25.60	25.52
	2	3	25.56	25.58
		4	25.38	25.38
2	3	5	25.53	25.55
		6	25.66	25.64
	4	7	25.27	25.39
		8	25.24	25.52
Total Conducted Power (mW)			2824.66	2839.09
Total Conducted Power (dBm)			34.51	34.53
Ant. Gain (dBi)			8.00	8.00
e.i.r.p (dBm)			42.51	42.53

Table 10-73. Conducted Average Output Power Table (n48_2C_20M+20M_Low Channel_8T)

Sector	Zone	Port	QPSK	16QAM
1	1	1	25.29	25.09
		2	25.24	25.21
	2	3	25.25	25.25
		4	25.24	25.24
2	3	5	25.29	25.20
		6	25.69	25.38
	4	7	25.30	25.01
		8	25.23	25.25
Total Conducted Power (mW)			2722.44	2652.10
Total Conducted Power (dBm)			34.35	34.24
Ant. Gain (dBi)			8.00	8.00
e.i.r.p (dBm)			42.35	42.24

Table 10-74. Conducted Average Output Power Table (n48_2C_20M+20M_Middle Channel_8T)

FCC: A3LSOG2201		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Sector	Zone	Port	QPSK	16QAM
1	1	1	24.92	25.31
		2	24.81	25.30
	2	3	24.90	25.19
		4	24.96	25.02
2	3	5	24.86	25.10
		6	25.11	25.17
	4	7	24.75	24.73
		8	24.72	24.42
Total Conducted Power (mW)			2461.06	2552.83
Total Conducted Power (dBm)			33.91	34.07
Ant. Gain (dBi)			8.00	8.00
e.i.r.p (dBm)			41.91	42.07

Table 10-75. Conducted Average Output Power Table (n48_2C_20M+20M_High Channel_8T)

Sector	Zone	Port	QPSK	16QAM
1	1	1	25.63	25.10
		2	25.03	24.75
	2	3	25.39	24.94
		4	25.42	24.94
2	3	5	25.59	25.29
		6	25.53	25.50
	4	7	25.16	25.28
		8	25.30	25.37
Total Conducted Power (mW)			2764.75	2620.43
Total Conducted Power (dBm)			34.42	34.18
Ant. Gain (dBi)			8.00	8.00
e.i.r.p (dBm)			42.42	42.18

Table 10-76. Conducted Average Output Power Table (n48_2C_30M+10M_Low Channel_8T)

FCC: A3LSOG2201		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Sector	Zone	Port	QPSK	16QAM
1	1	1	24.67	25.00
		2	24.83	25.15
	2	3	24.91	25.21
		4	24.84	25.19
2	3	5	24.94	25.27
		6	25.14	25.56
	4	7	24.78	25.14
		8	25.02	25.36
Total Conducted Power (mW)			2468.48	2672.24
Total Conducted Power (dBm)			33.92	34.27
Ant. Gain (dBi)			8.00	8.00
e.i.r.p (dBm)			41.92	42.27

Table 10-77. Conducted Average Output Power Table (n48_2C_30M+10M_Middle Channel_8T)

Sector	Zone	Port	QPSK	16QAM
1	1	1	24.49	24.50
		2	24.59	24.62
	2	3	24.67	24.72
		4	24.51	24.59
2	3	5	24.72	24.76
		6	24.83	24.92
	4	7	24.56	24.57
		8	24.63	24.72
Total Conducted Power (mW)			2321.24	2348.38
Total Conducted Power (dBm)			33.66	33.71
Ant. Gain (dBi)			8.00	8.00
e.i.r.p (dBm)			41.66	41.71

Table 10-78. Conducted Average Output Power Table (n48_2C_30M+10M_High Channel_8T)

FCC: A3LSOG2201		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Sector	Zone	Port	QPSK	16QAM
1	1	1	24.47	24.65
		2	24.57	24.73
	2	3	24.64	24.75
		4	24.55	24.73
2	3	5	24.67	24.77
		6	24.82	24.95
	4	7	24.49	24.63
		8	24.65	24.85
Total Conducted Power (mW)			2311.90	2393.03
Total Conducted Power (dBm)			33.64	33.79
Ant. Gain (dBi)			8.00	8.00
e.i.r.p (dBm)			41.64	41.79

Table 10-79. Conducted Average Output Power Table (n48_2C_40M+40M_Low Channel_8T)

Sector	Zone	Port	QPSK	16QAM
1	1	1	24.53	24.61
		2	24.71	24.76
	2	3	24.75	24.80
		4	24.62	24.71
2	3	5	24.75	24.83
		6	25.02	25.10
	4	7	24.58	24.67
		8	24.76	24.86
Total Conducted Power (mW)			2370.40	2413.06
Total Conducted Power (dBm)			33.75	33.83
Ant. Gain (dBi)			8.00	8.00
e.i.r.p (dBm)			41.75	41.83

Table 10-80. Conducted Average Output Power Table (n48_2C_40M+40M_Middle Channel_8T)

FCC: A3LSOG2201		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 8K22121601-00-R2.A3L	Test Dates: 01/03/2023 – 02/15/2023	EUT Type: Smallcell (SOG2201)		Page 288 of 289

Sector	Zone	Port	QPSK	16QAM
1	1	1	24.51	24.68
		2	24.65	24.82
	2	3	24.73	24.89
		4	24.61	24.79
2	3	5	24.72	24.89
		6	24.97	25.15
	4	7	24.55	24.74
		8	24.69	24.88
Total Conducted Power (mW)			2350.54	2447.89
Total Conducted Power (dBm)			33.71	33.89
Ant. Gain (dBi)			8.00	8.00
e.i.r.p (dBm)			41.71	41.89

Table 10-81. Conducted Average Output Power Table (n48_2C_40M+40M_High Channel_8T)

FCC: A3LSOG2201		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 8K22121601-00-R2.A3L	Test Dates: 01/03/2023 – 02/15/2023	EUT Type: Smallcell (SOG2201)		Page 289 of 289