





Channel	Port #	Conducted Output Power (dBm)			
		QPSK	16QAM	64QAM	256QAM
Low	16	38.77	38.63	38.60	38.63
	17	38.78	38.71	38.60	38.57
	18	38.80	38.72	38.74	38.74
	19	38.69	38.60	38.48	38.47
	20	38.72	38.61	38.60	38.65
	21	38.73	38.72	38.65	38.65
	22	38.67	38.67	38.66	38.64
	23	38.85	38.76	38.69	38.75
	24	38.74	38.67	38.63	38.69
	25	38.70	38.62	38.60	38.58
	26	38.71	38.71	38.72	38.69
	27	38.70	38.56	38.53	38.59
	28	38.68	38.71	38.60	38.70
	29	38.76	38.65	38.67	38.58
	30	38.74	38.67	38.61	38.62
	31	38.71	38.57	38.58	38.54
Total MIMO Max Power (mW)		119559.05	117566.13	116524.49	116746.12
Total MIMO Max Power (dBm)		50.78	50.70	50.66	50.67
Mid	16	38.64	38.63	38.50	38.55
	17	38.65	38.59	38.55	38.59
	18	38.83	38.78	38.72	38.75
	19	38.63	38.55	38.52	38.54
	20	38.64	38.60	38.60	38.53
	21	38.66	38.66	38.57	38.60
	22	38.68	38.68	38.71	38.70
	23	38.72	38.73	38.61	38.68
	24	38.71	38.64	38.66	38.65
	25	38.60	38.52	38.50	38.58
	26	38.70	38.66	38.57	38.67
	27	38.62	38.60	38.51	38.59
	28	38.70	38.67	38.66	38.67
	29	38.73	38.67	38.64	38.58
	30	38.63	38.65	38.63	38.52
	31	38.60	38.55	38.51	38.56
Total MIMO Max Power (mW)		117837.44	116894.50	115692.19	116190.39
Total MIMO Max Power (dBm)		50.71	50.68	50.63	50.65



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High	16	38.59	38.52	38.45	38.49
	17	38.63	38.55	38.55	38.59
	18	38.70	38.59	38.67	38.69
	19	38.61	38.56	38.52	38.52
	20	38.55	38.54	38.51	38.62
	21	38.65	38.61	38.56	38.66
	22	38.65	38.55	38.62	38.60
	23	38.67	38.64	38.65	38.67
	24	38.75	38.73	38.69	38.75
	25	38.73	38.59	38.61	38.62
	26	38.61	38.60	38.68	38.58
	27	38.62	38.58	38.53	38.53
	28	38.68	38.74	38.63	38.74
	29	38.75	38.71	38.62	38.72
	30	38.58	38.60	38.59	38.61
	31	38.63	38.59	38.62	38.64
Total MIMO Max Power (mW)		117262.35	116089.62	115756.38	116646.24
Total MIMO Max Power (dBm)		50.69	50.65	50.64	50.67

Table 10-6. Conducted Average Output Power Table (PCS_DSS_1C_15M_Ratio5:5)



FCC ID: A3LMF1601D-25A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
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Channel	Port #	Conducted Output Power (dBm)			
		QPSK	16QAM	64QAM	256QAM
Low	16	39.81	39.77	39.80	39.75
	17	39.76	39.73	39.79	39.74
	18	39.84	39.85	39.82	39.85
	19	39.73	39.63	39.67	39.64
	20	39.80	39.74	39.73	39.75
	21	39.80	39.75	39.78	39.77
	22	39.84	39.72	39.80	39.77
	23	39.94	39.84	39.81	39.84
	24	39.78	39.79	39.79	39.79
	25	39.69	39.74	39.75	39.77
	26	39.81	39.86	39.81	39.85
	27	39.75	39.72	39.74	39.69
	28	39.83	39.85	39.85	39.82
	29	39.78	39.77	39.81	39.71
	30	39.78	39.74	39.79	39.70
	31	39.79	39.67	39.77	39.71
Total MIMO Max Power (mW)		152656.63	151435.81	152169.34	151390.17
Total MIMO Max Power (dBm)		51.84	51.80	51.82	51.80
Mid	16	39.69	39.74	39.76	39.69
	17	39.74	39.74	39.76	39.72
	18	39.83	39.82	39.92	39.87
	19	39.80	39.77	39.77	39.70
	20	39.72	39.71	39.82	39.79
	21	39.75	39.81	39.80	39.80
	22	39.79	39.81	39.89	39.83
	23	39.77	39.79	39.83	39.74
	24	39.80	39.87	39.93	39.80
	25	39.71	39.67	39.79	39.75
	26	39.76	39.77	39.82	39.78
	27	39.73	39.71	39.77	39.72
	28	39.82	39.80	39.86	39.83
	29	39.77	39.73	39.87	39.83
	30	39.67	39.65	39.79	39.76
	31	39.68	39.67	39.68	39.71
Total MIMO Max Power (mW)		151124.14	151194.69	153388.13	151758.12
Total MIMO Max Power (dBm)		51.79	51.80	51.86	51.81



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High	16	39.68	39.60	39.69	39.68
	17	39.87	39.66	39.72	39.68
	18	39.94	39.84	39.88	39.86
	19	39.81	39.70	39.71	39.71
	20	39.85	39.69	39.76	39.73
	21	39.88	39.73	39.73	39.82
	22	39.93	39.83	39.81	39.87
	23	39.91	39.75	39.76	39.75
	24	39.97	39.90	39.90	39.81
	25	39.93	39.79	39.78	39.72
	26	39.86	39.77	39.80	39.75
	27	39.79	39.72	39.73	39.69
	28	39.97	39.84	39.80	39.76
	29	39.89	39.81	39.89	39.83
	30	39.72	39.69	39.83	39.63
	31	39.78	39.72	39.78	39.70
Total MIMO Max Power (mW)		154997.23	151160.04	152309.72	151046.72
Total MIMO Max Power (dBm)		51.90	51.79	51.83	51.79

Table 10-7. Conducted Average Output Power Table (PCS_DSS_1C_20M_Ratio5:5)



FCC ID: A3LMF1601D-25A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
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Channel	Port #	Conducted Output Power (dBm)			
		QPSK	16QAM	64QAM	256QAM
Low	16	40.16	39.96	40.04	40.08
	17	40.08	40.01	40.00	40.00
	18	40.22	40.06	40.07	40.19
	19	40.15	39.95	39.94	39.96
	20	40.15	40.12	40.01	40.05
	21	40.42	40.21	40.25	40.32
	22	40.25	40.11	40.14	40.10
	23	40.38	40.16	40.16	40.22
	24	40.14	40.07	40.09	40.13
	25	40.04	39.87	39.90	40.00
	26	40.11	40.01	40.01	40.09
	27	40.07	40.06	39.94	40.02
	28	40.14	40.00	39.99	40.08
	29	39.99	39.87	39.89	40.01
	30	40.07	40.00	39.99	40.05
31	40.13	39.95	39.98	40.02	
Total MIMO Max Power (mW)		165916.11	160983.79	160961.86	163104.76
Total MIMO Max Power (dBm)		52.20	52.07	52.07	52.12
Mid	16	39.83	39.85	39.89	39.85
	17	39.86	39.78	39.99	39.83
	18	40.09	40.13	40.21	40.09
	19	39.93	39.90	40.10	39.95
	20	39.99	39.99	40.06	39.95
	21	40.14	40.15	40.24	40.09
	22	40.09	39.99	40.17	40.01
	23	40.00	40.05	40.18	40.00
	24	40.07	40.06	40.09	40.05
	25	39.80	39.77	39.91	39.81
	26	39.94	39.85	40.05	39.95
	27	39.90	39.87	39.97	39.79
	28	39.98	39.89	40.06	39.94
	29	39.85	39.78	39.95	39.81
	30	39.92	39.88	39.92	39.94
31	39.87	39.81	39.90	39.83	
Total MIMO Max Power (mW)		158347.14	157208.27	161650.66	157504.42
Total MIMO Max Power (dBm)		52.00	51.96	52.09	51.97



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High	16	39.91	39.85	39.90	39.88
	17	39.88	39.83	39.90	39.82
	18	40.26	40.06	40.08	40.10
	19	40.15	39.93	39.91	39.97
	20	40.09	40.00	39.99	39.93
	21	40.26	40.07	40.10	40.13
	22	40.29	40.09	40.09	40.06
	23	40.24	40.07	40.08	39.96
	24	40.27	40.11	40.11	40.12
	25	39.99	39.84	39.85	39.87
	26	40.02	39.89	39.87	39.90
	27	39.97	39.82	39.89	39.87
	28	39.99	39.96	40.00	39.99
	29	40.06	39.87	39.90	39.89
	30	39.93	39.86	39.87	39.85
	31	40.04	39.97	40.00	39.92
Total MIMO Max Power (mW)		163220.33	158256.30	158980.29	158344.59
Total MIMO Max Power (dBm)		52.13	51.99	52.01	52.00

Table 10-8. Conducted Average Output Power Table (PCS_NR_2C_15M+5M)



FCC ID: A3LMF1601D-25A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
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Channel	Port #	Conducted Output Power (dBm)			
		QPSK	16QAM	64QAM	256QAM
Low	16	39.95	39.95	39.99	40.00
	17	39.91	39.91	39.91	39.84
	18	40.05	39.99	39.98	39.96
	19	39.85	39.86	39.88	39.78
	20	39.97	39.95	39.90	39.82
	21	39.90	39.84	39.88	39.84
	22	39.85	39.89	39.88	39.78
	23	39.89	39.86	39.92	39.90
	24	39.94	39.94	39.95	39.92
	25	39.85	39.80	39.86	39.76
	26	39.41	39.48	39.51	39.72
	27	39.41	39.45	39.45	39.75
	28	39.75	39.81	39.77	39.88
	29	39.70	39.76	39.72	39.67
	30	39.67	39.71	39.76	39.74
31	39.68	39.69	39.75	39.64	
Total MIMO Max Power (mW)		152884.52	153090.92	153572.86	153278.62
Total MIMO Max Power (dBm)		51.84	51.85	51.86	51.85
Mid	16	39.94	39.96	39.92	40.00
	17	39.92	39.99	39.85	39.86
	18	40.00	39.96	39.99	40.00
	19	40.00	39.82	39.86	39.90
	20	39.90	39.95	39.86	39.92
	21	39.92	39.90	39.78	39.90
	22	39.86	39.89	39.85	39.89
	23	39.90	39.89	39.83	39.89
	24	40.02	40.01	40.04	39.98
	25	39.83	39.87	39.80	39.88
	26	39.80	39.83	39.78	39.80
	27	39.78	39.78	39.70	39.72
	28	39.84	39.90	39.85	39.89
	29	39.76	39.72	39.69	39.76
	30	39.67	39.74	39.72	39.71
31	39.69	39.67	39.69	39.68	
Total MIMO Max Power (mW)		155123.57	155230.85	153742.56	155007.86
Total MIMO Max Power (dBm)		51.91	51.91	51.87	51.90



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High	16	39.89	39.91	39.95	39.87
	17	39.94	39.89	39.91	39.87
	18	39.99	40.07	40.11	40.08
	19	39.91	39.88	39.90	39.85
	20	39.95	39.93	39.98	39.90
	21	39.90	39.83	39.92	39.83
	22	39.94	39.94	39.92	39.95
	23	39.87	39.79	39.92	39.89
	24	40.08	40.10	40.08	40.08
	25	39.84	39.91	39.88	39.89
	26	39.84	39.87	39.83	39.83
	27	39.77	39.77	39.79	39.74
	28	39.89	39.87	39.90	39.93
	29	39.77	39.81	39.81	39.85
	30	39.68	39.70	39.73	39.72
	31	39.79	39.73	39.79	39.73
Total MIMO Max Power (mW)		155608.77	155505.68	156442.79	155524.85
Total MIMO Max Power (dBm)		51.92	51.92	51.94	51.92

Table 10-9. Conducted Average Output Power Table (PCS_NR_3C_10M+10M+10M)



FCC ID: A3LMF1601D-25A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
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Channel	Port #	Conducted Output Power (dBm)			
		QPSK	16QAM	64QAM	256QAM
Low	16	40.12	40.02	39.99	40.11
	17	40.20	40.11	39.96	40.06
	18	40.13	40.02	40.02	40.10
	19	40.12	39.95	39.89	39.91
	20	40.14	39.97	39.94	40.06
	21	40.16	39.98	39.96	40.04
	22	40.09	39.98	40.00	40.05
	23	40.20	40.11	40.07	40.16
	24	40.04	40.02	39.90	40.03
	25	40.11	39.95	39.92	39.97
	26	40.10	40.07	40.02	40.11
	27	40.05	39.97	39.93	39.97
	28	40.07	40.04	40.07	40.03
	29	40.14	40.06	40.01	40.04
	30	40.06	40.00	39.98	40.05
	31	40.02	40.03	39.91	39.90
Total MIMO Max Power (mW)		164092.20	160656.45	159025.59	161384.35
Total MIMO Max Power (dBm)		52.15	52.06	52.01	52.08
Mid	16	39.96	39.94	39.98	39.98
	17	39.98	39.95	39.97	39.93
	18	40.15	40.02	40.08	40.08
	19	39.94	39.92	39.91	39.92
	20	40.00	39.98	39.92	39.95
	21	40.01	39.98	40.00	39.95
	22	40.11	40.04	40.05	40.04
	23	40.07	40.00	39.95	39.95
	24	40.00	40.03	39.99	39.98
	25	40.00	39.89	39.91	39.85
	26	39.99	40.01	39.97	39.99
	27	39.93	39.98	39.93	39.97
	28	40.07	40.12	40.13	40.02
	29	39.97	39.99	39.96	39.97
	30	39.94	39.97	39.93	39.95
	31	39.96	39.87	39.88	39.86
Total MIMO Max Power (mW)		160200.52	159302.34	159007.77	158615.03
Total MIMO Max Power (dBm)		52.05	52.02	52.01	52.00



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High	16	39.86	39.88	39.81	39.87
	17	39.95	40.03	39.95	40.01
	18	40.06	40.08	39.93	40.08
	19	39.99	39.97	39.87	39.91
	20	39.99	39.98	39.90	39.96
	21	40.03	39.95	39.73	39.98
	22	40.11	40.00	39.95	40.03
	23	40.02	39.39	39.97	40.01
	24	40.14	40.11	40.03	40.11
	25	39.93	39.96	39.87	39.97
	26	40.03	40.11	39.97	40.06
	27	39.92	39.96	39.85	39.90
	28	40.11	40.02	39.99	40.08
	29	40.02	40.06	40.04	40.04
	30	40.01	39.90	39.91	39.96
	31	39.99	39.95	39.88	40.00
Total MIMO Max Power (mW)		160390.67	158615.91	156946.97	159949.64
Total MIMO Max Power (dBm)		52.05	52.00	51.96	52.04

Table 10-10. Conducted Average Output Power Table (PCS_NR_1C_15M + LTE_1C_5M)



FCC ID: A3LMF1601D-25A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
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Channel	Port #	Conducted Output Power (dBm)			
		QPSK	16QAM	64QAM	256QAM
Low	16	39.83	39.88	39.89	39.86
	17	39.97	39.92	38.75	39.86
	18	39.93	39.91	39.99	39.94
	19	39.80	39.81	39.83	39.77
	20	39.87	39.88	39.89	39.88
	21	39.92	39.97	40.00	39.91
	22	39.87	39.92	40.01	39.97
	23	39.94	39.97	39.97	40.00
	24	39.85	39.91	39.88	39.86
	25	39.82	39.81	39.94	39.81
	26	39.93	39.91	39.93	39.93
	27	39.84	39.85	39.89	39.88
	28	39.93	39.88	39.96	39.90
	29	39.88	39.99	39.90	39.86
	30	39.95	39.83	39.93	39.86
	31	39.80	39.82	39.73	39.80
Total MIMO Max Power (mW)		155763.75	156055.92	154644.38	155676.23
Total MIMO Max Power (dBm)		51.92	51.93	51.89	51.92
Mid	16	39.86	39.78	39.89	39.94
	17	39.94	39.83	39.76	39.91
	18	39.92	39.89	39.98	39.92
	19	39.81	39.76	39.87	39.78
	20	39.83	39.72	40.00	39.80
	21	39.87	39.90	39.87	39.86
	22	39.87	39.84	40.04	39.88
	23	39.86	39.81	39.92	39.86
	24	39.83	39.86	39.89	39.84
	25	39.76	39.78	39.80	39.68
	26	39.89	39.87	39.93	39.90
	27	39.77	39.76	39.83	39.72
	28	39.90	39.87	40.05	39.87
	29	39.91	39.79	39.93	39.90
	30	39.87	39.82	39.79	39.80
	31	39.84	39.75	39.75	39.79
Total MIMO Max Power (mW)		154867.33	153316.64	156167.06	154255.48
Total MIMO Max Power (dBm)		51.90	51.86	51.94	51.88



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High	16	39.79	39.83	39.76	39.81
	17	39.83	39.80	39.82	39.84
	18	40.03	40.00	39.93	39.90
	19	39.84	39.81	39.82	39.84
	20	39.91	39.83	39.80	39.88
	21	39.92	39.85	39.85	39.85
	22	39.99	39.95	40.03	39.94
	23	39.97	39.88	39.86	39.90
	24	40.07	39.96	40.02	40.00
	25	39.87	39.87	39.85	39.84
	26	39.95	39.88	39.92	39.93
	27	39.86	39.81	39.83	39.85
	28	40.01	39.95	39.98	39.98
	29	39.95	39.98	39.91	39.86
	30	39.86	39.82	39.84	39.77
	31	39.83	39.83	39.79	39.80
Total MIMO Max Power (mW)		157015.61	155590.17	155508.50	155453.89
Total MIMO Max Power (dBm)		51.96	51.92	51.92	51.92

Table 10-11. Conducted Average Output Power Table (PCS_NR_2C_10M+10M + LTE_1C_10M)



FCC ID: A3LMF1601D-25A		MEASUREMENT REPORT (Class II Permissive Change)			Approved by: Technical Manager
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Channel	Port #	Conducted Output Power (dBm)			
		QPSK	16QAM	64QAM	256QAM
Low	16	39.93	39.95	39.95	39.89
	17	39.90	39.95	39.93	39.94
	18	40.03	39.96	39.92	39.90
	19	39.88	39.82	39.82	39.77
	20	39.90	39.93	39.87	39.86
	21	39.99	39.90	39.97	39.91
	22	39.97	39.95	39.95	39.89
	23	40.00	40.00	39.99	39.95
	24	39.99	39.90	39.86	39.89
	25	39.88	39.78	39.93	39.89
	26	39.97	39.93	39.91	39.95
	27	39.92	39.88	39.88	39.87
	28	40.01	39.95	39.97	39.92
	29	39.94	40.01	40.00	39.97
	30	39.99	39.93	39.87	39.88
31	39.87	39.87	39.81	39.84	
Total MIMO Max Power (mW)		158110.87	157071.20	156889.38	156187.18
Total MIMO Max Power (dBm)		51.99	51.96	51.96	51.94
Mid	16	39.86	39.81	39.85	39.83
	17	39.90	39.88	39.84	39.77
	18	40.01	39.91	39.93	39.93
	19	39.89	39.83	39.74	39.86
	20	39.86	39.75	39.81	39.82
	21	39.95	39.83	39.78	39.88
	22	40.03	39.85	39.93	39.91
	23	39.91	39.91	39.86	39.85
	24	39.90	39.90	39.86	39.81
	25	39.87	39.81	39.76	39.77
	26	39.80	39.90	39.89	39.82
	27	39.85	39.81	39.80	39.78
	28	39.94	39.98	39.92	39.91
	29	39.88	39.94	39.81	39.84
	30	39.84	39.86	39.79	39.84
31	39.76	39.75	39.71	39.72	
Total MIMO Max Power (mW)		156039.46	154851.44	153875.10	154003.36
Total MIMO Max Power (dBm)		51.93	51.90	51.87	51.88



FCC ID: A3LMF1601D-25A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
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High	16	39.77	39.75	39.73	39.77
	17	39.95	39.82	39.82	39.79
	18	39.92	39.85	39.88	39.91
	19	39.99	39.84	39.71	39.76
	20	39.89	39.77	39.72	39.81
	21	39.96	39.82	39.74	39.92
	22	39.97	39.90	39.93	39.85
	23	40.05	39.88	39.81	39.89
	24	40.00	39.92	39.92	39.85
	25	39.95	39.78	39.83	39.86
	26	39.89	39.78	39.86	39.92
	27	39.96	39.78	39.78	39.81
	28	39.97	39.88	39.96	39.87
	29	40.07	39.95	39.91	39.89
	30	39.85	39.78	39.92	39.82
	31	39.95	39.81	39.78	39.83
Total MIMO Max Power (mW)		158052.80	153938.06	153928.51	154467.08
Total MIMO Max Power (dBm)		51.99	51.87	51.87	51.89

Table 10-12. Conducted Average Output Power Table (PCS_DSS_1C_15M_Ratio5:5 + LTE_1C_5M)



FCC ID: A3LMF1601D-25A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22072301-00-R1.A3L	Test Dates: 09/01/2022 - 11/01/2022	EUT Type: MMU(MF1601d)	Page 277 of 319	

Channel	Port #	Conducted Output Power (dBm)			
		QPSK	16QAM	64QAM	256QAM
Low	16	39.91	39.85	39.91	39.88
	17	39.93	39.87	39.93	39.90
	18	39.97	39.94	39.91	39.90
	19	39.92	39.87	39.80	39.73
	20	39.93	39.87	39.91	39.79
	21	39.98	39.93	39.92	39.91
	22	39.94	39.90	39.92	39.82
	23	39.97	39.92	39.90	39.87
	24	39.90	39.85	39.85	39.85
	25	39.85	39.83	39.84	39.80
	26	39.93	39.92	39.87	39.86
	27	39.90	39.81	39.88	39.82
	28	39.89	39.93	39.89	39.88
	29	39.86	39.93	39.89	39.87
	30	39.88	39.86	39.87	39.89
	31	39.84	39.79	39.81	39.87
Total MIMO Max Power (mW)		156815.57	155625.58	155690.27	154666.20
Total MIMO Max Power (dBm)		51.95	51.92	51.92	51.89
Mid	16	39.84	39.86	39.76	39.79
	17	39.76	39.85	39.81	39.93
	18	39.92	39.99	39.94	39.95
	19	39.78	39.79	39.76	39.83
	20	39.76	39.86	39.80	39.89
	21	39.83	39.89	39.80	39.95
	22	39.91	39.95	39.91	39.99
	23	39.88	39.91	39.81	39.90
	24	39.87	39.92	39.86	39.88
	25	39.83	39.80	39.77	39.90
	26	39.89	39.85	39.75	39.85
	27	39.82	39.91	39.75	39.85
	28	39.94	39.90	39.93	39.95
	29	39.86	39.84	39.82	39.98
	30	39.80	39.89	39.74	39.89
	31	39.72	39.84	39.74	39.86
Total MIMO Max Power (mW)		154161.30	155583.02	153146.26	156347.65
Total MIMO Max Power (dBm)		51.88	51.92	51.85	51.94



FCC ID: A3LMF1601D-25A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
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High	16	39.86	39.88	39.94	39.93
	17	39.92	39.90	39.90	39.96
	18	40.13	39.97	40.08	40.02
	19	39.94	39.85	39.82	39.92
	20	39.96	39.95	39.91	39.96
	21	40.04	39.97	39.93	39.97
	22	40.09	39.99	39.95	39.97
	23	40.01	39.94	39.99	40.02
	24	40.02	40.04	40.02	40.07
	25	39.93	39.92	39.93	39.92
	26	40.02	39.94	39.98	40.04
	27	39.91	39.94	39.87	39.97
	28	40.08	40.04	40.04	40.03
	29	40.07	40.05	40.00	39.99
	30	39.05	39.91	39.90	39.94
	31	39.88	39.82	39.87	39.96
Total MIMO Max Power (mW)		157738.67	157980.83	158028.05	159249.95
Total MIMO Max Power (dBm)		51.98	51.99	51.99	52.02

Table 10-13. Conducted Average Output Power Table (PCS_DSS_1C_15M_Ratio5:5 + LTE_1C_15M)



FCC ID: A3LMF1601D-25A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
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Channel	Port #	Conducted Output Power (dBm)			
		QPSK	16QAM	64QAM	256QAM
Low	16	40.11	39.99	39.96	39.92
	17	40.11	39.89	39.98	39.95
	18	40.01	40.06	39.93	39.98
	19	39.85	39.82	39.81	39.84
	20	39.89	39.98	39.85	39.90
	21	40.05	39.93	39.94	40.00
	22	40.02	40.03	39.90	40.02
	23	40.05	39.88	40.01	40.07
	24	39.97	39.90	39.78	39.96
	25	39.95	39.95	39.87	39.92
	26	40.01	39.94	39.95	39.95
	27	39.92	39.88	39.84	39.92
	28	40.09	39.99	39.88	40.02
	29	40.01	40.03	39.87	39.99
	30	40.05	39.94	39.89	39.90
31	39.98	39.86	39.86	39.91	
Total MIMO Max Power (mW)		160183.76	157891.03	156193.37	158295.61
Total MIMO Max Power (dBm)		52.05	51.98	51.94	51.99
Mid	16	39.81	39.86	39.83	39.88
	17	39.79	39.87	39.79	39.84
	18	39.98	39.95	39.98	39.94
	19	39.80	39.75	39.88	39.86
	20	39.81	39.82	39.89	39.83
	21	39.92	39.86	39.92	39.91
	22	39.97	39.99	39.95	39.97
	23	39.95	40.01	39.89	39.94
	24	39.97	39.89	39.94	39.91
	25	39.87	39.88	39.78	39.81
	26	39.97	39.90	39.95	39.84
	27	39.78	39.78	39.88	39.83
	28	39.95	39.91	39.96	39.98
	29	39.96	39.94	39.90	39.93
	30	39.83	39.84	39.80	39.93
31	39.77	39.77	39.81	39.88	
Total MIMO Max Power (mW)		155777.62	155526.81	155812.82	156099.32
Total MIMO Max Power (dBm)		51.93	51.92	51.93	51.93



FCC ID: A3LMF1601D-25A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
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High	16	39.87	39.73	39.72	39.73
	17	39.99	39.83	39.80	39.81
	18	39.92	39.85	39.85	39.87
	19	39.86	39.75	39.77	39.82
	20	39.83	39.78	39.74	39.82
	21	39.86	39.86	39.86	39.83
	22	39.95	39.91	39.87	39.97
	23	39.95	39.91	39.93	39.94
	24	40.02	39.90	39.87	39.93
	25	39.85	39.85	39.80	39.79
	26	39.95	39.92	39.81	39.89
	27	39.86	39.82	39.76	39.79
	28	39.98	39.85	39.88	39.89
	29	40.02	39.89	39.87	39.83
	30	39.93	39.79	39.73	39.80
	31	39.93	39.84	39.88	39.84
Total MIMO Max Power (mW)		157207.73	154314.12	153563.74	154472.53
Total MIMO Max Power (dBm)		51.96	51.88	51.86	51.89

Table 10-14. Conducted Average Output Power Table (PCS_DSS_1C_15M_Ratio5:5 + NR_1C_5M)



FCC ID: A3LMF1601D-25A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
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Channel	Port #	Conducted Output Power (dBm)			
		QPSK	16QAM	64QAM	256QAM
Low	16	39.96	39.88	39.85	39.90
	17	40.03	39.89	39.88	39.93
	18	39.98	39.98	39.96	39.96
	19	39.81	39.82	39.88	39.79
	20	39.89	39.89	39.80	39.87
	21	39.94	39.94	39.87	39.91
	22	39.93	39.87	39.94	39.90
	23	39.96	39.96	39.89	39.90
	24	39.91	39.91	39.85	39.84
	25	39.84	39.84	39.77	39.82
	26	39.94	39.92	39.87	39.93
	27	39.95	39.80	39.80	39.81
	28	40.00	39.86	39.88	39.83
	29	39.98	39.91	39.85	39.84
	30	39.94	39.86	39.88	39.95
31	39.85	39.81	39.75	39.79	
Total MIMO Max Power (mW)		157523.63	155784.53	154847.27	155405.76
Total MIMO Max Power (dBm)		51.97	51.93	51.90	51.91
Mid	16	39.80	39.78	39.82	39.83
	17	39.89	39.85	39.73	39.82
	18	40.06	39.96	39.93	39.97
	19	39.90	39.80	39.73	39.74
	20	39.96	39.85	39.80	39.83
	21	39.93	39.90	39.84	39.88
	22	39.99	39.94	39.89	39.98
	23	39.92	39.94	39.83	39.90
	24	39.91	39.92	39.84	39.95
	25	39.88	39.87	39.80	39.82
	26	39.96	39.97	39.90	39.91
	27	39.86	39.84	39.76	39.86
	28	39.97	39.92	39.92	39.96
	29	39.96	39.87	39.82	39.90
	30	39.83	39.82	39.76	39.80
31	39.86	39.82	39.75	39.86	
Total MIMO Max Power (mW)		157006.07	155585.89	153520.24	155500.82
Total MIMO Max Power (dBm)		51.96	51.92	51.86	51.92



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High	16	39.85	39.83	39.80	39.78
	17	39.96	39.87	39.88	39.87
	18	39.97	40.07	39.98	40.00
	19	39.91	39.89	39.82	39.87
	20	39.89	39.90	39.86	39.84
	21	39.92	39.93	39.86	39.89
	22	39.99	40.01	39.96	39.98
	23	40.04	39.93	39.90	39.93
	24	39.99	40.00	39.96	40.02
	25	39.89	39.87	39.82	39.84
	26	39.97	39.96	39.92	39.95
	27	39.92	39.92	39.79	39.80
	28	40.06	39.97	39.92	39.94
	29	39.99	39.99	39.92	39.97
	30	39.92	39.78	39.86	39.83
	31	39.88	39.85	39.82	39.85
Total MIMO Max Power (mW)		158068.40	157214.87	155631.22	156289.09
Total MIMO Max Power (dBm)		51.99	51.96	51.92	51.94

Table 10-15. Conducted Average Output Power Table (PCS_DSS_1C_15M_Ratio5:5 + NR_1C_15M)



FCC ID: A3LMF1601D-25A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
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Channel	Port #	Conducted Output Power (dBm)			
		QPSK	16QAM	64QAM	256QAM
Low	0	34.05	34.00	33.97	33.97
	1	33.84	33.91	33.75	33.81
	2	33.77	33.80	33.72	33.80
	3	34.04	33.89	33.89	33.91
	4	33.80	33.80	33.72	33.81
	5	34.01	33.85	33.75	33.96
	6	33.64	33.64	33.73	33.72
	7	33.92	33.81	33.84	33.83
	8	33.80	33.84	33.80	33.94
	9	33.89	33.79	33.79	33.85
	10	33.90	33.78	33.86	33.83
	11	33.89	33.86	33.81	33.90
	12	33.89	33.88	33.85	33.92
	13	34.07	33.98	33.99	34.06
	14	33.61	33.75	33.76	33.68
15	33.94	33.88	33.82	33.87	
Total MIMO Max Power (mW)		39101.07	38754.96	38526.19	38980.23
Total MIMO Max Power (dBm)		45.92	45.88	45.86	45.91
Mid	0	33.97	34.01	34.01	34.00
	1	33.84	33.78	33.68	33.81
	2	33.70	33.64	33.79	33.76
	3	33.98	34.02	33.98	33.81
	4	33.73	33.84	33.80	33.71
	5	33.97	33.88	33.90	33.97
	6	33.57	33.71	33.70	33.64
	7	33.93	33.82	33.86	33.86
	8	33.85	33.84	33.78	33.82
	9	33.68	33.78	33.67	33.78
	10	33.75	33.83	33.88	33.72
	11	33.95	33.99	33.95	33.85
	12	33.86	33.93	33.86	33.87
	13	33.91	33.92	33.90	33.82
	14	33.70	33.81	33.80	33.72
15	33.73	33.73	33.74	33.75	
Total MIMO Max Power (mW)		38573.95	38798.05	38668.90	38439.46
Total MIMO Max Power (dBm)		45.86	45.89	45.87	45.85



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High	0	33.91	34.11	34.05	34.11
	1	33.86	33.93	33.96	33.98
	2	33.89	33.86	33.77	33.84
	3	34.11	33.99	34.04	34.00
	4	33.84	33.87	33.88	33.83
	5	33.97	34.10	34.02	34.00
	6	33.99	33.87	33.95	33.92
	7	33.92	33.97	33.89	33.96
	8	34.02	33.92	33.99	34.00
	9	33.79	33.87	33.86	33.77
	10	33.91	34.05	33.97	33.82
	11	34.02	33.89	34.00	33.92
	12	34.00	33.89	33.97	33.96
	13	33.87	33.83	33.93	33.92
	14	33.86	33.85	33.93	33.87
15	33.94	33.89	33.97	33.94	
Total MIMO Max Power (mW)		39565.70	39561.05	39723.82	39532.11
Total MIMO Max Power (dBm)		45.97	45.97	45.99	45.97

Table 10-16. Conducted Average Output Power Table (AWS_NR_1C_5M)



FCC ID: A3LMF1601D-25A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
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Channel	Port #	Conducted Output Power (dBm)			
		QPSK	16QAM	64QAM	256QAM
Low	0	37.03	37.12	37.02	37.05
	1	36.86	36.91	36.78	36.94
	2	36.79	36.84	36.90	36.85
	3	37.13	37.02	37.00	36.95
	4	36.76	36.72	36.78	36.84
	5	36.99	37.01	36.84	36.97
	6	36.76	36.76	36.67	36.84
	7	36.98	36.86	36.92	36.92
	8	36.95	36.84	36.85	36.98
	9	36.89	36.88	36.82	36.79
	10	36.88	36.93	36.92	36.91
	11	36.98	36.93	36.92	36.95
	12	37.02	36.87	36.95	36.98
	13	37.03	36.95	36.94	37.01
	14	36.85	36.74	36.80	36.80
15	36.88	36.80	36.90	36.87	
Total MIMO Max Power (mW)		78816.77	78139.49	77942.03	78658.54
Total MIMO Max Power (dBm)		48.97	48.93	48.92	48.96
Mid	0	36.92	36.92	36.99	36.94
	1	36.76	36.82	36.78	36.88
	2	36.84	36.78	36.72	36.73
	3	36.89	36.98	36.92	36.87
	4	36.75	36.82	36.74	36.82
	5	37.02	36.95	36.92	36.88
	6	36.74	36.61	36.64	36.66
	7	36.85	36.88	36.85	36.79
	8	36.81	36.85	36.79	36.88
	9	36.75	36.75	36.65	36.75
	10	36.77	36.71	36.74	36.90
	11	36.86	36.94	36.83	36.88
	12	36.85	36.74	36.81	36.83
	13	36.90	36.80	36.80	36.80
	14	36.78	36.72	36.74	36.77
15	36.71	36.77	36.72	36.74	
Total MIMO Max Power (mW)		77035.84	76865.24	76422.34	76945.31
Total MIMO Max Power (dBm)		48.87	48.86	48.83	48.86



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High	0	37.01	37.03	37.12	37.05
	1	36.94	36.95	36.95	36.97
	2	36.79	36.86	36.82	36.93
	3	37.03	36.94	36.90	36.98
	4	36.76	36.95	36.86	36.86
	5	36.83	36.87	36.88	36.91
	6	36.87	36.90	36.85	36.89
	7	36.96	36.93	36.91	37.03
	8	37.01	36.92	36.94	36.94
	9	36.79	36.75	36.76	36.80
	10	36.89	36.92	36.79	36.90
	11	37.01	36.93	36.98	37.02
	12	36.93	36.92	36.88	36.96
	13	36.94	36.85	36.84	36.84
	14	36.90	36.73	36.90	36.91
15	36.89	36.81	36.84	36.93	
Total MIMO Max Power (mW)		78548.16	78218.48	78175.86	78962.49
Total MIMO Max Power (dBm)		48.95	48.93	48.93	48.97

Table 10-17. Conducted Average Output Power Table (AWS_NR_1C_10M)



FCC ID: A3LMF1601D-25A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
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Channel	Port #	Conducted Output Power (dBm)			
		QPSK	16QAM	64QAM	256QAM
Low	0	38.90	38.88	38.91	38.96
	1	38.80	38.74	38.74	38.78
	2	38.84	38.70	38.71	38.73
	3	38.96	38.86	38.88	38.92
	4	38.73	38.75	38.68	38.72
	5	38.98	38.89	38.86	38.85
	6	38.61	38.67	38.59	38.69
	7	38.81	38.79	38.79	38.73
	8	38.76	38.80	38.75	38.79
	9	38.77	38.81	38.73	38.69
	10	38.77	38.75	38.75	38.80
	11	38.79	38.86	38.83	38.78
	12	38.89	38.92	38.79	38.89
	13	38.86	38.88	38.81	38.92
	14	38.76	38.67	38.77	38.70
15	38.79	38.67	38.72	38.76	
Total MIMO Max Power (mW)		121782.42	121115.40	120538.63	121238.97
Total MIMO Max Power (dBm)		50.86	50.83	50.81	50.84
Mid	0	38.98	38.89	38.87	38.83
	1	38.74	38.66	38.61	38.66
	2	38.58	38.54	38.52	38.54
	3	38.72	38.87	38.70	38.67
	4	38.63	38.61	38.55	38.66
	5	38.74	38.79	38.78	38.86
	6	38.55	38.55	38.46	38.49
	7	38.67	38.76	38.67	38.66
	8	38.72	38.80	38.62	38.60
	9	38.63	38.57	38.55	38.53
	10	38.64	38.59	38.60	38.54
	11	38.85	38.85	38.68	38.72
	12	38.78	38.70	38.65	38.65
	13	38.73	38.70	38.71	38.72
	14	38.59	38.64	38.59	38.60
15	38.66	38.66	38.55	38.54	
Total MIMO Max Power (mW)		118661.80	118615.12	116794.52	117065.35
Total MIMO Max Power (dBm)		50.74	50.74	50.67	50.68



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High	0	38.95	38.97	38.93	38.88
	1	38.81	38.81	38.71	38.77
	2	38.67	38.75	38.65	38.68
	3	38.85	38.74	38.74	38.82
	4	38.68	38.73	38.66	38.70
	5	38.78	38.80	38.71	38.78
	6	38.70	38.81	38.80	38.80
	7	38.73	38.83	38.73	38.84
	8	38.75	38.79	38.75	38.71
	9	38.69	38.68	38.56	38.57
	10	38.71	38.69	38.68	38.72
	11	38.86	38.84	38.76	38.81
	12	38.72	38.79	38.76	38.73
	13	38.69	38.72	38.65	38.68
	14	38.73	38.64	38.71	38.69
15	38.74	38.80	38.62	38.72	
Total MIMO Max Power (mW)		120104.91	120676.59	119006.62	119828.13
Total MIMO Max Power (dBm)		50.80	50.82	50.76	50.79

Table 10-18. Conducted Average Output Power Table (AWS_NR_1C_15M)



FCC ID: A3LMF1601D-25A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
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Channel	Port #	Conducted Output Power (dBm)			
		QPSK	16QAM	64QAM	256QAM
Low	0	40.07	40.03	40.11	40.03
	1	39.99	39.91	39.98	39.96
	2	39.87	39.83	39.89	39.86
	3	40.10	40.05	40.07	40.02
	4	39.88	39.89	39.88	39.87
	5	40.06	39.99	40.09	40.04
	6	39.84	39.83	39.90	39.90
	7	39.95	39.91	39.94	39.86
	8	39.88	39.96	39.97	39.92
	9	39.87	39.86	39.87	39.86
	10	39.94	39.89	39.90	39.93
	11	39.98	39.93	39.96	39.99
	12	40.04	40.02	40.10	40.04
	13	40.00	40.00	39.98	40.05
	14	39.85	39.88	39.84	39.88
15	39.94	39.89	39.90	39.89	
Total MIMO Max Power (mW)		158333.18	157438.69	158609.59	157962.41
Total MIMO Max Power (dBm)		52.00	51.97	52.00	51.99
Mid	0	40.00	40.01	40.12	40.10
	1	39.80	39.82	39.83	39.84
	2	39.86	39.82	39.83	39.76
	3	39.94	39.95	40.01	39.91
	4	39.84	39.80	39.81	39.78
	5	39.97	39.95	40.01	39.94
	6	39.64	39.80	39.78	39.79
	7	39.90	39.86	39.92	39.84
	8	39.95	39.87	39.92	39.88
	9	39.81	39.71	39.77	39.73
	10	39.80	39.81	39.87	39.83
	11	39.94	40.00	39.95	39.90
	12	39.95	39.81	39.95	39.89
	13	39.95	39.91	39.97	39.85
	14	39.90	39.84	39.80	39.86
15	39.85	39.77	39.86	39.79	
Total MIMO Max Power (mW)		155715.95	154885.17	156395.67	154797.93
Total MIMO Max Power (dBm)		51.92	51.90	51.94	51.90



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High	0	40.06	40.04	40.10	40.08
	1	39.90	39.91	40.00	39.92
	2	39.93	39.82	39.85	39.83
	3	39.99	39.90	39.96	39.97
	4	39.87	39.84	39.90	39.86
	5	39.89	39.86	39.96	39.89
	6	39.96	39.99	39.92	39.91
	7	39.99	39.95	39.95	39.99
	8	39.94	39.98	40.00	39.90
	9	39.81	39.79	39.78	39.80
	10	39.83	39.87	39.91	39.86
	11	39.92	39.92	39.93	40.00
	12	39.95	39.93	39.93	39.90
	13	39.91	39.92	39.88	39.88
	14	39.90	39.89	39.88	39.89
15	39.94	39.93	39.93	39.87	
Total MIMO Max Power (mW)		157252.85	156689.60	157461.69	156715.17
Total MIMO Max Power (dBm)		51.97	51.95	51.97	51.95

Table 10-19. Conducted Average Output Power Table (AWS_NR_1C_20M)



FCC ID: A3LMF1601D-25A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
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Channel	Port #	Conducted Output Power (dBm)			
		QPSK	16QAM	64QAM	256QAM
Low	0	37.02	36.86	37.05	36.91
	1	36.79	36.79	36.84	36.79
	2	36.77	36.68	36.78	36.83
	3	36.90	36.93	36.91	37.07
	4	36.78	36.73	36.71	36.77
	5	36.93	36.90	36.86	36.94
	6	36.72	36.64	36.75	36.77
	7	36.87	36.84	36.93	36.87
	8	36.82	36.84	36.80	36.83
	9	36.89	36.79	36.83	36.85
	10	36.83	36.75	36.85	36.86
	11	36.96	36.83	36.83	36.93
	12	36.99	36.89	36.89	36.98
	13	37.00	36.95	37.04	36.92
	14	36.75	36.69	36.68	36.76
15	36.92	36.76	36.85	36.84	
Total MIMO Max Power (mW)		77864.94	76674.01	77487.49	77839.11
Total MIMO Max Power (dBm)		48.91	48.85	48.89	48.91
Mid	0	36.93	36.93	36.99	36.97
	1	36.74	36.69	36.66	36.78
	2	36.62	36.56	36.61	36.67
	3	36.85	36.80	36.90	36.85
	4	36.71	36.61	36.71	36.66
	5	36.93	36.83	36.93	36.94
	6	36.61	36.59	36.55	36.60
	7	36.80	36.80	36.80	36.84
	8	36.74	36.72	36.79	36.79
	9	36.71	36.72	36.71	36.68
	10	36.63	36.62	36.72	36.76
	11	36.94	36.83	36.88	36.89
	12	36.83	36.85	36.85	36.79
	13	36.88	36.86	36.82	36.81
	14	36.70	36.71	36.73	36.68
15	36.69	36.69	36.69	36.76	
Total MIMO Max Power (mW)		76066.81	75519.85	76102.89	76238.61
Total MIMO Max Power (dBm)		48.81	48.78	48.81	48.82



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High	0	37.00	36.94	36.95	36.97
	1	36.89	36.77	36.81	36.85
	2	36.74	36.69	36.81	36.69
	3	36.86	36.83	36.89	36.93
	4	36.73	36.75	36.73	36.66
	5	36.84	36.75	36.75	36.77
	6	36.82	36.73	36.86	36.79
	7	36.92	36.81	36.88	36.85
	8	36.74	36.71	36.78	36.87
	9	36.70	36.60	36.65	36.64
	10	36.75	36.77	36.78	36.81
	11	36.90	36.79	36.79	36.93
	12	36.87	36.83	36.86	36.79
	13	36.74	36.73	36.71	36.71
	14	36.73	36.74	36.76	36.73
15	36.74	36.73	36.73	36.80	
Total MIMO Max Power (mW)		76783.45	75899.98	76526.08	76588.09
Total MIMO Max Power (dBm)		48.85	48.80	48.84	48.84

Table 10-20. Conducted Average Output Power Table (AWS_DSS_1C_10M_Ratio5:5)



FCC ID: A3LMF1601D-25A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
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Channel	Port #	Conducted Output Power (dBm)			
		QPSK	16QAM	64QAM	256QAM
Low	0	38.70	38.70	38.56	38.74
	1	38.57	38.55	38.57	38.50
	2	38.43	38.52	38.50	38.40
	3	38.61	38.72	38.65	38.66
	4	38.42	38.44	38.46	38.51
	5	38.71	38.69	38.58	38.66
	6	38.43	38.48	38.45	38.44
	7	38.57	38.55	38.56	38.49
	8	38.50	38.55	38.45	38.51
	9	38.53	38.45	38.44	38.42
	10	38.56	38.56	38.50	38.54
	11	38.55	38.63	38.54	38.50
	12	38.63	38.60	38.70	38.63
	13	38.64	38.57	38.64	38.66
	14	38.37	38.46	38.48	38.46
15	38.50	38.55	38.49	38.57	
Total MIMO Max Power (mW)		114479.58	114967.94	114221.89	114430.22
Total MIMO Max Power (dBm)		50.59	50.61	50.58	50.59
Mid	0	38.63	38.72	38.61	38.70
	1	38.39	38.41	38.56	38.42
	2	38.39	38.37	38.35	38.37
	3	38.56	38.56	38.51	38.51
	4	38.42	38.44	38.43	38.44
	5	38.62	38.59	38.66	38.56
	6	38.28	38.37	38.28	38.28
	7	38.49	38.58	38.54	38.46
	8	38.46	38.48	38.45	38.48
	9	38.38	38.37	38.41	38.30
	10	38.42	38.42	38.44	38.32
	11	38.57	38.53	38.49	38.55
	12	38.55	38.56	38.48	38.47
	13	38.51	38.43	38.49	38.49
	14	38.46	38.42	38.36	38.35
15	38.42	38.48	38.37	38.39	
Total MIMO Max Power (mW)		112566.11	112859.76	112373.88	111831.04
Total MIMO Max Power (dBm)		50.51	50.53	50.51	50.49



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High	0	38.69	38.74	38.80	38.75
	1	38.61	38.59	38.44	38.61
	2	38.49	38.48	38.41	38.47
	3	38.69	38.68	38.56	38.68
	4	38.59	38.57	38.50	38.57
	5	38.62	38.64	38.57	38.55
	6	38.61	38.58	38.60	38.56
	7	38.65	38.56	38.60	38.58
	8	38.64	38.57	38.56	38.54
	9	38.46	38.43	38.48	38.41
	10	38.56	38.50	38.53	38.52
	11	38.68	38.67	38.56	38.68
	12	38.55	38.56	38.52	38.64
	13	38.52	38.54	38.48	38.50
	14	38.58	38.56	38.56	38.48
15	38.61	38.56	38.55	38.55	
Total MIMO Max Power (mW)		115839.77	115311.34	114472.76	115084.32
Total MIMO Max Power (dBm)		50.64	50.62	50.59	50.61

Table 10-21. Conducted Average Output Power Table (AWS_DSS_1C_15M_Ratio5:5)



FCC ID: A3LMF1601D-25A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
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Channel	Port #	Conducted Output Power (dBm)			
		QPSK	16QAM	64QAM	256QAM
Low	0	39.80	39.83	39.86	39.77
	1	39.70	39.70	39.70	39.74
	2	39.68	39.59	39.64	39.52
	3	39.95	39.79	39.88	39.84
	4	39.59	39.56	39.67	39.59
	5	39.80	39.77	39.88	39.81
	6	39.57	39.58	39.63	39.53
	7	39.71	39.67	39.72	39.65
	8	39.63	39.69	39.74	39.71
	9	39.66	39.59	39.69	39.65
	10	39.72	39.62	39.72	39.59
	11	39.80	39.68	39.79	39.74
	12	39.73	39.82	39.84	39.76
	13	39.78	39.69	39.76	39.79
	14	39.63	39.66	39.65	39.59
15	39.69	39.68	39.72	39.66	
Total MIMO Max Power (mW)		149871.64	148746.75	150837.56	148800.34
Total MIMO Max Power (dBm)		51.76	51.72	51.79	51.73
Mid	0	39.76	39.82	39.82	39.71
	1	39.57	39.57	39.60	39.56
	2	39.48	39.50	39.50	39.47
	3	39.75	39.66	39.72	39.72
	4	39.57	39.50	39.51	39.51
	5	39.77	39.78	39.75	39.72
	6	39.47	39.48	39.47	39.43
	7	39.65	39.63	39.64	39.67
	8	39.63	39.56	39.63	39.55
	9	39.51	39.59	39.55	39.60
	10	39.50	39.51	39.47	39.59
	11	39.68	39.70	39.71	39.73
	12	39.63	39.67	39.63	39.70
	13	39.68	39.63	39.60	39.69
	14	39.49	39.50	39.55	39.55
15	39.57	39.61	39.56	39.58	
Total MIMO Max Power (mW)		146191.13	146190.76	146191.45	146334.03
Total MIMO Max Power (dBm)		51.65	51.65	51.65	51.65



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High	0	39.88	39.88	39.85	39.87
	1	39.69	39.74	39.70	39.64
	2	39.62	39.55	39.65	39.64
	3	39.80	39.76	39.67	39.72
	4	39.68	39.68	39.61	39.59
	5	39.73	39.66	39.70	39.71
	6	39.72	39.65	39.67	39.70
	7	39.74	39.74	39.71	39.74
	8	39.67	39.62	39.70	39.71
	9	39.56	39.68	39.56	39.53
	10	39.59	39.59	39.67	39.65
	11	39.67	39.71	39.73	39.74
	12	39.70	39.64	39.68	39.75
	13	39.63	39.60	39.66	39.54
	14	39.59	39.59	39.64	39.58
15	39.64	39.63	39.64	39.69	
Total MIMO Max Power (mW)		148723.82	148317.83	148563.30	148492.16
Total MIMO Max Power (dBm)		51.72	51.71	51.72	51.72

Table 10-22. Conducted Average Output Power Table (AWS_DSS_1C_20M_Ratio5:5)



FCC ID: A3LMF1601D-25A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
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Channel	Port #	Conducted Output Power (dBm)			
		QPSK	16QAM	64QAM	256QAM
Low	0	40.18	40.03	39.97	39.96
	1	40.07	39.86	39.83	39.86
	2	38.94	39.83	39.78	39.77
	3	40.24	39.95	39.98	40.00
	4	40.03	39.84	39.82	39.84
	5	40.12	40.01	39.91	39.99
	6	39.98	39.71	39.76	39.70
	7	39.99	39.87	39.83	39.90
	8	40.06	39.88	39.87	39.82
	9	40.01	39.81	39.76	39.80
	10	40.02	39.86	39.85	39.79
	11	40.07	39.89	39.82	39.85
	12	40.10	39.92	39.93	40.02
	13	40.17	39.96	39.96	39.93
	14	39.98	39.83	39.77	39.81
15	39.99	39.88	39.84	39.79	
Total MIMO Max Power (mW)		160202.66	155775.73	154767.68	155114.06
Total MIMO Max Power (dBm)		52.05	51.92	51.90	51.91
Mid	0	40.07	40.02	39.93	39.97
	1	39.77	39.78	39.75	39.75
	2	39.69	39.66	39.66	39.69
	3	39.94	39.79	39.86	39.84
	4	39.81	39.76	39.71	39.78
	5	39.98	39.93	39.93	39.95
	6	39.73	39.62	39.64	39.64
	7	39.83	39.86	39.78	39.82
	8	39.89	39.78	39.79	39.77
	9	39.73	39.72	39.67	39.69
	10	39.73	39.69	39.66	39.72
	11	39.88	39.86	39.88	39.94
	12	39.86	39.83	39.82	39.89
	13	39.82	39.75	39.77	39.79
	14	39.69	39.71	39.76	39.78
15	39.75	39.67	39.76	39.67	
Total MIMO Max Power (mW)		153660.20	152029.23	151888.84	152597.10
Total MIMO Max Power (dBm)		51.87	51.82	51.82	51.84



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High	0	40.03	40.07	40.02	40.10
	1	39.92	39.92	39.86	39.89
	2	39.85	39.76	39.82	39.78
	3	39.99	39.93	39.91	39.96
	4	39.78	39.77	39.77	39.84
	5	39.87	39.82	39.82	39.89
	6	39.93	39.89	39.85	39.87
	7	39.94	39.93	39.87	39.91
	8	39.95	39.85	39.88	39.81
	9	39.78	39.79	39.74	39.70
	10	39.86	39.78	39.84	39.77
	11	39.86	39.83	39.90	39.95
	12	39.97	39.89	39.86	39.85
	13	39.90	39.90	39.87	39.83
	14	39.87	39.90	39.82	39.82
15	39.94	39.88	39.83	39.84	
Total MIMO Max Power (mW)		156466.92	155283.40	154716.68	155068.51
Total MIMO Max Power (dBm)		51.94	51.91	51.90	51.91

Table 10-23. Conducted Average Output Power Table (AWS_NR_2C_15M+5M)



FCC ID: A3LMF1601D-25A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
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Channel	Port #	Conducted Output Power (dBm)			
		QPSK	16QAM	64QAM	256QAM
Low	0	40.05	40.02	39.96	39.99
	1	39.85	39.76	39.75	39.79
	2	39.86	39.75	39.70	39.73
	3	39.97	39.93	39.89	39.90
	4	39.82	39.80	39.82	39.78
	5	40.01	39.98	39.94	39.93
	6	39.79	39.73	39.73	39.75
	7	39.88	39.77	39.76	39.79
	8	39.87	39.84	39.82	39.79
	9	39.80	39.70	39.70	39.67
	10	39.80	39.73	39.74	39.76
	11	39.91	39.82	39.81	39.81
	12	39.95	39.91	39.91	39.87
	13	39.95	39.83	39.78	39.79
	14	39.80	39.71	39.76	39.77
15	39.74	39.72	39.75	39.74	
Total MIMO Max Power (mW)		155602.47	153277.42	152869.09	152956.01
Total MIMO Max Power (dBm)		51.92	51.85	51.84	51.85
Mid	0	40.04	39.99	39.98	39.91
	1	39.84	39.82	39.74	39.75
	2	39.80	39.73	39.69	39.68
	3	39.95	39.90	39.89	39.81
	4	39.87	39.81	39.79	39.76
	5	39.98	39.92	39.85	39.80
	6	39.73	39.74	39.72	39.74
	7	39.88	39.79	39.78	39.74
	8	39.88	39.79	39.82	39.76
	9	39.80	39.72	39.71	39.71
	10	39.83	39.78	39.72	39.75
	11	39.90	39.86	39.78	39.80
	12	39.86	39.84	39.87	39.82
	13	39.79	39.83	39.75	39.77
	14	39.85	39.77	39.79	39.70
15	39.79	39.76	39.73	39.68	
Total MIMO Max Power (mW)		155015.24	153370.27	152404.70	151454.56
Total MIMO Max Power (dBm)		51.90	51.86	51.83	51.80



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High	0	40.00	39.99	39.87	39.91
	1	39.88	39.68	39.65	39.69
	2	39.72	39.69	39.67	39.65
	3	39.89	39.79	39.75	39.80
	4	39.79	39.76	39.74	39.71
	5	39.86	39.76	39.81	39.81
	6	39.74	39.74	39.66	39.70
	7	39.81	39.80	39.76	39.73
	8	39.83	39.78	39.73	39.75
	9	39.73	39.65	39.65	39.61
	10	39.76	39.72	39.71	39.69
	11	39.86	39.77	39.73	39.74
	12	39.83	39.80	39.79	39.76
	13	39.80	39.71	39.66	39.72
	14	39.80	39.69	39.69	39.71
	15	39.75	39.67	39.62	39.65
Total MIMO Max Power (mW)		153369.65	151074.20	149962.38	150266.87
Total MIMO Max Power (dBm)		51.86	51.79	51.76	51.77

Table 10-24. Conducted Average Output Power Table (AWS_NR_3C_20M+15M+15M)



FCC ID: A3LMF1601D-25A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
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Channel	Port #	Conducted Output Power (dBm)			
		QPSK	16QAM	64QAM	256QAM
Low	0	39.95	40.04	40.03	40.03
	1	39.78	39.84	39.84	39.84
	2	39.84	39.85	39.86	39.79
	3	40.05	39.97	39.97	39.98
	4	39.87	39.89	39.86	39.83
	5	39.98	40.05	39.95	40.00
	6	39.81	39.80	39.71	39.81
	7	39.99	39.92	39.86	39.79
	8	39.92	39.94	39.86	39.89
	9	39.84	39.80	39.79	39.84
	10	40.03	39.95	39.89	39.93
	11	39.94	39.90	39.93	39.90
	12	40.07	40.00	39.99	40.02
	13	39.94	39.92	39.93	39.97
	14	39.84	39.83	39.90	39.89
15	39.77	39.92	39.87	39.81	
Total MIMO Max Power (mW)		156889.40	156877.29	156022.02	156205.47
Total MIMO Max Power (dBm)		51.96	51.96	51.93	51.94
Mid	0	39.99	39.95	39.98	39.95
	1	39.71	39.65	39.68	39.70
	2	39.70	39.63	39.57	39.67
	3	39.96	39.77	39.75	39.77
	4	39.80	39.66	39.69	39.73
	5	39.92	39.88	39.86	39.86
	6	39.63	39.63	39.65	39.60
	7	39.83	39.76	39.79	39.71
	8	39.89	39.70	39.73	39.72
	9	39.76	39.57	39.64	39.60
	10	39.72	39.71	39.69	39.65
	11	39.87	39.77	39.74	39.82
	12	40.00	39.85	39.83	39.82
	13	39.81	39.74	39.74	39.77
	14	39.82	39.75	39.69	39.70
15	39.72	39.62	39.66	39.67	
Total MIMO Max Power (mW)		153573.33	150309.24	150413.97	150519.21
Total MIMO Max Power (dBm)		51.86	51.77	51.77	51.78



FCC ID: A3LMF1601D-25A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
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High	0	40.09	40.08	39.99	39.97
	1	39.93	39.77	39.82	39.74
	2	39.76	39.63	39.68	39.70
	3	39.86	39.89	39.86	39.79
	4	39.89	39.83	39.79	39.76
	5	39.85	39.79	39.81	39.85
	6	39.84	39.82	39.81	39.87
	7	39.84	39.81	39.82	39.81
	8	39.92	39.85	39.91	39.85
	9	39.80	39.64	39.64	39.60
	10	39.85	39.76	39.71	39.69
	11	39.87	39.83	39.81	39.77
	12	39.93	39.82	39.83	39.81
	13	39.82	39.79	39.81	39.73
	14	39.88	39.80	39.74	39.76
	15	39.80	39.73	39.77	39.71
Total MIMO Max Power (mW)		155326.17	152925.98	152825.84	151971.96
Total MIMO Max Power (dBm)		51.91	51.84	51.84	51.82

Table 10-25. Conducted Average Output Power Table (AWS_LTE_2C_15M+5M)



FCC ID: A3LMF1601D-25A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
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Channel	Port #	Conducted Output Power (dBm)			
		QPSK	16QAM	64QAM	256QAM
Low	0	40.05	40.01	39.97	40.02
	1	39.95	39.84	39.89	39.85
	2	39.99	39.76	39.86	39.81
	3	40.06	39.99	39.96	39.98
	4	39.79	39.79	39.90	39.82
	5	40.06	39.98	40.00	40.02
	6	39.83	39.76	39.77	39.77
	7	39.88	39.84	39.80	39.82
	8	39.94	39.85	39.92	39.93
	9	39.89	39.89	39.81	39.84
	10	40.01	39.91	39.93	39.92
	11	39.99	39.89	39.94	39.89
	12	40.06	40.03	40.00	40.02
	13	39.98	39.95	39.97	39.93
	14	39.84	39.87	39.84	39.86
15	39.86	39.82	39.84	39.82	
Total MIMO Max Power (mW)		158155.09	155892.55	156378.70	156159.85
Total MIMO Max Power (dBm)		51.99	51.93	51.94	51.94
Mid	0	39.94	39.90	39.87	39.93
	1	39.77	39.73	39.66	39.68
	2	39.72	39.69	39.69	39.61
	3	39.82	39.84	39.79	39.84
	4	39.80	39.71	39.59	39.61
	5	39.90	39.95	39.82	39.83
	6	39.59	39.69	39.62	39.59
	7	39.80	39.78	39.73	39.66
	8	39.84	39.81	39.72	39.73
	9	39.71	39.68	39.67	39.60
	10	39.67	39.66	39.58	39.64
	11	39.86	39.86	39.81	39.79
	12	39.83	39.83	39.81	39.76
	13	39.73	39.78	39.78	39.74
	14	39.64	39.58	39.66	39.69
15	39.65	39.71	39.62	39.60	
Total MIMO Max Power (mW)		151674.95	151521.49	149824.94	149574.82
Total MIMO Max Power (dBm)		51.81	51.80	51.76	51.75



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High	0	40.04	40.05	39.99	39.96
	1	39.79	39.77	39.74	39.75
	2	39.75	39.79	39.77	39.78
	3	39.89	39.88	39.85	39.88
	4	39.78	39.81	39.79	39.83
	5	39.88	39.88	39.82	39.89
	6	39.94	39.79	39.87	39.91
	7	39.86	39.86	39.90	39.94
	8	39.84	39.93	39.86	39.89
	9	39.76	39.73	39.79	39.68
	10	39.83	39.79	39.84	39.86
	11	39.87	39.87	39.96	39.87
	12	39.92	39.85	39.88	39.83
	13	39.79	39.80	39.86	39.83
	14	39.91	39.87	39.66	39.71
15	39.76	39.85	39.74	39.75	
Total MIMO Max Power (mW)		154614.69	154412.01	153973.51	154060.51
Total MIMO Max Power (dBm)		51.89	51.89	51.87	51.88

Table 10-26. Conducted Average Output Power Table (AWS_NR_1C_15M + LTE_1C_5M)



FCC ID: A3LMF1601D-25A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
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Channel	Port #	Conducted Output Power (dBm)			
		QPSK	16QAM	64QAM	256QAM
Low	0	40.04	39.92	39.96	39.98
	1	39.83	39.73	39.78	39.74
	2	39.76	39.70	39.71	39.72
	3	39.92	39.89	39.84	39.88
	4	39.78	39.73	39.73	39.74
	5	39.93	39.89	39.88	39.89
	6	39.72	39.72	39.65	39.70
	7	39.85	39.77	39.75	39.77
	8	39.86	39.81	39.84	39.85
	9	39.70	39.68	39.69	39.69
	10	39.83	39.77	39.77	39.76
	11	39.94	39.85	39.79	39.79
	12	39.97	39.87	39.87	39.88
	13	39.91	39.80	39.83	39.83
	14	39.78	39.73	39.77	39.77
15	39.75	39.70	39.73	39.71	
Total MIMO Max Power (mW)		154537.75	152295.19	152361.90	152605.32
Total MIMO Max Power (dBm)		51.89	51.83	51.83	51.84
Mid	0	40.01	39.92	39.99	39.93
	1	39.79	39.69	39.73	39.71
	2	39.74	39.67	39.72	39.70
	3	39.88	39.78	39.81	39.83
	4	39.79	39.73	39.71	39.75
	5	39.98	39.87	39.87	39.86
	6	39.75	39.69	39.68	39.74
	7	39.80	39.69	39.74	39.76
	8	39.88	39.75	39.79	39.85
	9	39.74	39.65	39.65	39.66
	10	39.79	39.74	39.72	39.76
	11	39.84	39.76	39.80	39.77
	12	39.85	39.80	39.82	39.82
	13	39.81	39.78	39.77	39.75
	14	39.77	39.65	39.68	39.70
15	39.75	39.65	39.70	39.69	
Total MIMO Max Power (mW)		153639.80	150682.39	151469.13	151679.77
Total MIMO Max Power (dBm)		51.87	51.78	51.80	51.81



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High	0	40.07	39.98	39.96	39.97
	1	39.84	39.70	39.71	39.70
	2	39.72	39.70	39.68	39.66
	3	39.94	39.80	39.86	39.72
	4	39.79	39.73	39.72	39.71
	5	39.85	39.85	39.84	39.80
	6	39.77	39.73	39.72	39.66
	7	39.85	39.75	39.79	39.70
	8	39.83	39.79	39.81	39.71
	9	39.73	39.63	39.66	39.59
	10	39.77	39.79	39.71	39.65
	11	39.85	39.77	39.75	39.71
	12	39.86	39.84	39.86	39.75
	13	39.83	39.72	39.72	39.69
	14	39.83	39.69	39.73	39.74
15	39.69	39.65	39.69	39.66	
Total MIMO Max Power (mW)		153756.51	151338.79	151532.61	149820.34
Total MIMO Max Power (dBm)		51.87	51.80	51.81	51.76

Table 10-27. Conducted Average Output Power Table (AWS_NR_2C_15M+10M + LTE_2C_15M+10M)



FCC ID: A3LMF1601D-25A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
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Channel	Port #	Conducted Output Power (dBm)			
		QPSK	16QAM	64QAM	256QAM
Low	0	40.03	40.05	40.01	40.00
	1	39.89	39.88	39.81	39.86
	2	39.86	39.78	39.73	39.83
	3	40.01	39.91	39.96	39.95
	4	39.79	39.75	39.68	39.86
	5	40.01	39.96	39.89	39.95
	6	39.85	39.74	39.73	39.82
	7	39.89	39.85	39.78	39.84
	8	39.93	39.78	39.79	39.84
	9	39.85	39.71	39.73	39.79
	10	39.91	39.87	39.79	39.90
	11	39.94	39.86	39.86	39.94
	12	39.98	40.02	39.89	39.98
	13	39.91	39.84	39.88	39.96
	14	39.83	39.77	39.75	39.78
15	39.84	39.79	39.79	39.85	
Total MIMO Max Power (mW)		156648.14	154517.12	153425.26	155815.39
Total MIMO Max Power (dBm)		51.95	51.89	51.86	51.93
Mid	0	39.99	39.95	39.93	39.96
	1	39.75	39.72	39.74	39.70
	2	39.70	39.58	39.68	39.61
	3	39.77	39.77	39.81	39.86
	4	39.75	39.70	39.71	39.71
	5	39.97	39.82	39.82	39.86
	6	39.65	39.63	39.56	39.68
	7	39.76	39.73	39.73	39.75
	8	39.77	39.80	39.83	39.79
	9	39.70	39.70	39.66	39.69
	10	39.67	39.70	39.68	39.69
	11	39.86	39.84	39.74	39.84
	12	39.83	39.80	39.78	39.84
	13	39.83	39.73	39.81	39.84
	14	39.75	39.62	39.78	39.75
15	39.73	39.66	39.72	39.77	
Total MIMO Max Power (mW)		152132.08	150540.30	151033.72	151821.66
Total MIMO Max Power (dBm)		51.82	51.78	51.79	51.81



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High	0	40.01	39.96	39.98	39.91
	1	39.89	39.82	39.74	39.73
	2	39.81	39.64	39.65	39.68
	3	39.90	39.81	39.81	39.84
	4	39.83	39.73	39.74	39.78
	5	39.80	39.81	39.66	39.81
	6	39.79	39.78	39.74	39.85
	7	39.88	39.79	39.69	39.81
	8	39.85	39.76	39.77	39.85
	9	39.73	39.65	39.61	39.67
	10	39.74	39.79	39.76	39.81
	11	39.94	39.80	39.82	39.85
	12	39.90	39.84	39.75	39.78
	13	39.79	39.71	39.69	39.76
	14	39.76	39.77	39.69	39.74
15	39.82	39.74	39.70	39.71	
Total MIMO Max Power (mW)		154234.89	151943.35	150643.46	152333.15
Total MIMO Max Power (dBm)		51.88	51.82	51.78	51.83

Table 10-28. Conducted Average Output Power Table (AWS_DSS_1C_15M_Ratio5:5 + LTE_1C_5M)



FCC ID: A3LMF1601D-25A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22072301-00-R1.A3L	Test Dates: 09/01/2022 - 11/01/2022	EUT Type: MMU(MF1601d)	Page 309 of 319	

Channel	Port #	Conducted Output Power (dBm)			
		QPSK	16QAM	64QAM	256QAM
Low	0	40.03	39.99	40.04	40.00
	1	39.83	39.82	39.81	39.78
	2	39.78	39.74	39.80	39.73
	3	39.99	39.87	39.97	39.96
	4	39.83	39.82	39.86	39.82
	5	39.97	39.93	39.97	39.93
	6	39.73	39.67	39.76	39.72
	7	39.85	39.80	39.87	39.83
	8	39.90	39.86	39.95	39.87
	9	39.75	39.74	39.75	39.76
	10	39.81	39.74	39.81	39.78
	11	39.92	39.87	39.89	39.83
	12	39.96	39.91	39.98	39.91
	13	39.91	39.82	39.90	39.85
	14	39.80	39.74	39.80	39.80
15	39.78	39.80	39.79	39.75	
Total MIMO Max Power (mW)		155135.11	153530.74	155379.26	153973.05
Total MIMO Max Power (dBm)		51.91	51.86	51.91	51.87
Mid	0	40.05	40.04	40.04	40.03
	1	39.83	39.77	39.82	39.81
	2	39.82	39.71	39.74	39.71
	3	39.99	39.85	39.86	39.81
	4	39.91	39.82	39.80	39.79
	5	39.98	39.88	39.93	39.88
	6	39.81	39.76	39.78	39.71
	7	39.84	39.78	39.83	39.80
	8	39.93	39.75	39.80	39.80
	9	39.80	39.64	39.71	39.67
	10	39.86	39.83	39.79	39.75
	11	39.90	39.83	39.86	39.83
	12	39.96	39.88	39.87	39.80
	13	39.90	39.86	39.83	39.75
	14	39.83	39.75	39.83	39.74
15	39.84	39.73	39.77	39.69	
Total MIMO Max Power (mW)		156042.40	153006.62	153836.67	152322.14
Total MIMO Max Power (dBm)		51.93	51.85	51.87	51.83



FCC ID: A3LMF1601D-25A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
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High	0	40.00	39.98	39.96	39.97
	1	39.80	39.77	39.77	39.77
	2	39.71	39.70	39.70	39.68
	3	39.90	39.86	39.82	39.77
	4	39.77	39.79	39.78	39.79
	5	39.89	39.89	39.83	39.82
	6	39.79	39.74	39.71	39.71
	7	39.82	39.80	39.77	39.81
	8	39.82	39.85	39.78	39.78
	9	39.74	39.71	39.70	39.66
	10	39.81	39.75	39.72	39.72
	11	39.86	39.81	39.84	39.77
	12	39.83	39.87	39.82	39.82
	13	39.75	39.82	39.73	39.74
	14	39.80	39.72	39.74	39.44
15	39.75	39.77	39.77	39.71	
Total MIMO Max Power (mW)		153347.29	152886.27	152026.29	151007.18
Total MIMO Max Power (dBm)		51.86	51.84	51.82	51.79

Table 10-29. Conducted Average Output Power Table (AWS_DSS_1C_20M_Ratio5:5 + LTE_2C_15M+15M)



FCC ID: A3LMF1601D-25A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22072301-00-R1.A3L	Test Dates: 09/01/2022 - 11/01/2022	EUT Type: MMU(MF1601d)	Page 311 of 319	

Channel	Port #	Conducted Output Power (dBm)			
		QPSK	16QAM	64QAM	256QAM
Low	0	40.00	40.04	39.99	40.02
	1	39.85	39.98	39.80	39.84
	2	39.77	39.77	39.83	39.85
	3	39.92	40.07	39.93	40.04
	4	39.77	39.75	39.73	39.85
	5	39.94	39.96	39.89	39.97
	6	39.75	39.77	39.69	39.75
	7	39.81	39.89	39.80	39.79
	8	39.81	39.95	39.76	39.91
	9	39.78	39.83	39.76	39.83
	10	39.88	39.97	39.85	39.89
	11	39.91	39.90	39.91	39.89
	12	39.95	39.97	39.96	39.97
	13	39.90	39.92	39.90	39.93
	14	39.79	39.78	39.77	39.80
15	39.78	39.84	39.75	39.81	
Total MIMO Max Power (mW)		154613.98	156374.43	153976.93	155801.68
Total MIMO Max Power (dBm)		51.89	51.94	51.87	51.93
Mid	0	40.09	39.95	39.95	39.98
	1	39.80	39.80	39.67	39.72
	2	39.74	39.64	39.68	39.66
	3	39.91	39.83	39.81	39.78
	4	39.77	39.80	39.69	39.75
	5	39.90	39.89	39.83	39.84
	6	39.71	39.65	39.54	39.63
	7	39.77	39.74	39.73	39.82
	8	39.84	39.80	39.78	39.83
	9	39.68	39.73	39.63	39.71
	10	39.78	39.71	39.65	39.71
	11	39.85	39.83	39.84	39.87
	12	39.93	39.89	39.76	39.85
	13	39.85	39.81	39.78	39.78
	14	39.78	39.72	39.73	39.73
15	39.71	39.71	39.67	39.64	
Total MIMO Max Power (mW)		153523.15	152169.36	150522.17	151736.56
Total MIMO Max Power (dBm)		51.86	51.82	51.78	51.81



FCC ID: A3LMF1601D-25A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
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High	0	40.07	39.94	39.99	40.03
	1	39.90	39.79	39.76	39.83
	2	39.77	39.75	39.70	39.77
	3	39.84	39.89	39.86	39.86
	4	39.72	39.79	39.80	39.77
	5	39.77	39.92	39.86	39.88
	6	39.84	39.79	39.79	39.85
	7	39.87	39.85	39.80	39.85
	8	39.77	39.84	39.80	39.82
	9	39.78	39.73	39.67	39.73
	10	39.78	39.76	39.79	39.81
	11	39.86	39.87	39.85	39.81
	12	39.87	39.86	39.82	39.87
	13	39.83	39.75	39.74	39.76
	14	39.82	39.78	39.74	39.79
15	39.80	39.75	39.70	39.75	
Total MIMO Max Power (mW)		153904.74	153388.21	152536.32	153656.24
Total MIMO Max Power (dBm)		51.87	51.86	51.83	51.87

Table 10-30. Conducted Average Output Power Table (AWS_DSS_1C_15M_Ratio5:5 + NR_1C_5M)



FCC ID: A3LMF1601D-25A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22072301-00-R1.A3L	Test Dates: 09/01/2022 - 11/01/2022	EUT Type: MMU(MF1601d)	Page 313 of 319	

Channel	Port #	Conducted Output Power (dBm)			
		QPSK	16QAM	64QAM	256QAM
Low	0	40.06	39.94	39.89	39.91
	1	39.87	39.82	39.74	39.77
	2	39.87	39.71	39.73	39.73
	3	40.04	39.90	39.91	39.92
	4	39.85	39.74	39.80	39.78
	5	39.99	39.89	39.91	39.90
	6	39.81	39.69	39.72	39.69
	7	39.85	39.81	39.78	39.80
	8	39.89	39.81	39.80	39.84
	9	39.83	39.71	39.73	39.74
	10	39.78	39.79	39.78	39.79
	11	39.92	39.85	39.83	39.83
	12	39.96	39.89	39.90	39.89
	13	39.90	39.85	39.85	39.84
	14	39.81	39.74	39.79	39.75
15	39.80	39.75	39.73	39.75	
Total MIMO Max Power (mW)		156003.91	153019.42	153014.82	153103.90
Total MIMO Max Power (dBm)		51.93	51.85	51.85	51.85
Mid	0	40.06	40.01	39.95	39.98
	1	39.90	39.84	39.81	39.82
	2	39.83	39.80	39.72	39.73
	3	39.99	39.97	39.88	39.91
	4	39.89	39.82	39.82	39.78
	5	39.96	40.01	39.93	39.96
	6	39.78	39.74	39.71	39.71
	7	39.87	39.89	39.80	39.82
	8	39.92	39.88	39.85	39.82
	9	39.85	39.81	39.76	39.71
	10	39.85	39.84	39.83	39.76
	11	39.94	39.86	39.92	39.84
	12	39.94	39.91	39.87	39.87
	13	39.88	39.89	39.85	39.79
	14	39.87	39.78	39.74	39.78
15	39.83	39.81	39.77	39.77	
Total MIMO Max Power (mW)		156286.75	155171.55	153723.84	153374.64
Total MIMO Max Power (dBm)		51.94	51.91	51.87	51.86



FCC ID: A3LMF1601D-25A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
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High	0	40.05	40.01	39.96	39.95
	1	39.87	39.79	39.83	39.78
	2	39.81	39.74	39.73	39.72
	3	39.92	39.89	39.82	39.83
	4	39.86	39.82	39.79	39.77
	5	39.92	39.89	39.85	39.81
	6	39.79	39.76	39.69	39.69
	7	39.90	39.87	39.83	39.83
	8	39.88	39.85	39.78	39.79
	9	39.81	39.75	39.68	39.68
	10	39.84	39.77	39.75	39.73
	11	39.89	39.85	39.84	39.82
	12	39.91	39.88	39.78	39.85
	13	39.88	39.81	39.78	39.78
	14	39.79	39.79	39.74	39.78
15	39.78	39.75	39.76	39.74	
Total MIMO Max Power (mW)		155254.89	153744.97	152399.33	152267.01
Total MIMO Max Power (dBm)		51.91	51.87	51.83	51.83

Table 10-31. Conducted Average Output Power Table (AWS_DSS_1C_20M_Ratio5:5 + NR_2C_15M+15M)



FCC ID: A3LMF1601D-25A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22072301-00-R1.A3L	Test Dates: 09/01/2022 - 11/01/2022	EUT Type: MMU(MF1601d)	Page 315 of 319	

Channel	Port #	Conducted Output Power (dBm)			
		QPSK	16QAM	64QAM	256QAM
Low	0	40.03	40.06	40.01	40.00
	1	39.90	39.85	39.87	39.84
	2	39.96	39.81	39.87	39.83
	3	40.14	40.01	40.00	40.00
	4	39.79	39.83	39.85	39.86
	5	40.06	40.00	40.03	40.04
	6	39.74	39.75	39.69	39.73
	7	39.86	39.83	39.88	39.84
	8	39.92	39.89	39.86	39.87
	9	39.92	39.83	39.72	39.86
	10	39.96	39.91	39.83	39.83
	11	39.93	39.96	39.96	39.94
	12	39.99	39.98	40.02	40.01
	13	39.97	39.92	40.00	39.92
	14	39.85	39.82	39.78	39.79
15	39.87	39.87	39.82	39.83	
Total MIMO Max Power (mW)		157503.53	156207.35	155930.68	155916.66
Total MIMO Max Power (dBm)		51.97	51.94	51.93	51.93
Mid	0	40.05	40.02	40.06	40.00
	1	39.80	39.72	39.77	39.72
	2	39.71	39.68	39.73	39.67
	3	39.92	39.83	39.89	39.84
	4	39.75	39.78	39.82	39.68
	5	39.99	39.88	39.94	39.87
	6	39.63	39.62	39.58	39.63
	7	39.79	39.80	39.82	39.79
	8	39.85	39.85	39.84	39.77
	9	39.75	39.67	39.74	39.69
	10	39.83	39.72	39.76	39.70
	11	39.90	39.86	39.86	39.85
	12	39.91	39.82	39.91	39.87
	13	39.84	39.74	39.84	39.80
	14	39.81	39.64	39.69	39.77
15	39.77	39.67	39.75	39.75	
Total MIMO Max Power (mW)		153945.08	151746.12	153286.65	151956.39
Total MIMO Max Power (dBm)		51.87	51.81	51.86	51.82



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High	0	40.02	40.05	40.06	40.03
	1	39.84	39.84	39.88	39.87
	2	39.80	39.77	39.72	39.74
	3	39.93	39.86	39.86	39.88
	4	39.85	39.80	39.83	39.81
	5	39.90	39.83	39.86	39.85
	6	39.84	39.79	39.73	39.86
	7	39.93	39.81	39.91	39.89
	8	39.93	39.72	39.83	39.85
	9	39.80	39.65	39.73	39.78
	10	39.85	39.81	39.79	39.81
	11	39.91	39.83	39.82	39.92
	12	39.89	39.85	39.88	39.87
	13	39.82	39.70	39.88	39.90
	14	39.87	39.77	39.78	39.81
15	39.89	39.79	39.83	39.77	
Total MIMO Max Power (mW)		155630.11	152981.59	154128.46	154675.48
Total MIMO Max Power (dBm)		51.92	51.85	51.88	51.89

**Table 10-32. Conducted Average Output Power Table
(AWS_DSS_1C_10M_Ratio5:5 + LTE_1C_5M + NR_1C_5M)**



FCC ID: A3LMF1601D-25A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
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Channel	Port #	Conducted Output Power (dBm)			
		QPSK	16QAM	64QAM	256QAM
Low	0	39.87	39.79	39.77	39.82
	1	39.68	39.63	39.59	39.62
	2	39.59	39.53	39.48	39.51
	3	39.78	39.69	39.69	39.72
	4	39.66	39.58	39.56	39.59
	5	39.82	39.75	39.70	39.70
	6	39.58	39.49	39.50	39.47
	7	39.70	39.59	39.67	39.60
	8	39.72	39.63	39.67	39.61
	9	39.60	39.57	39.58	39.54
	10	39.62	39.66	39.58	39.56
	11	39.69	39.64	39.65	39.61
	12	39.73	39.71	39.72	39.73
	13	39.67	39.67	39.69	39.65
	14	39.64	39.57	39.56	39.55
15	39.62	39.62	39.50	39.57	
Total MIMO Max Power (mW)		148852.92	147040.63	146601.93	146477.55
Total MIMO Max Power (dBm)		51.73	51.67	51.66	51.66
Mid	0	39.96	39.87	39.93	39.87
	1	39.71	39.71	39.70	39.63
	2	39.67	39.59	39.64	39.59
	3	39.80	39.79	39.74	39.76
	4	39.70	39.73	39.69	39.68
	5	39.85	39.86	39.80	39.81
	6	39.68	39.65	39.63	39.62
	7	39.72	39.76	39.68	39.66
	8	39.75	39.71	39.71	39.69
	9	39.66	39.61	39.62	39.56
	10	39.70	39.69	39.68	39.70
	11	39.80	39.76	39.74	39.72
	12	39.77	39.76	39.75	39.75
	13	39.76	39.75	39.71	39.69
	14	39.73	39.62	39.66	39.62
15	39.69	39.65	39.67	39.59	
Total MIMO Max Power (mW)		150963.86	150013.89	149664.81	148789.48
Total MIMO Max Power (dBm)		51.79	51.76	51.75	51.73

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High	0	39.88	39.83	39.84	39.88
	1	39.75	39.68	39.70	39.70
	2	39.59	39.58	39.57	39.58
	3	39.73	39.75	39.70	39.72
	4	39.64	39.63	39.63	39.67
	5	39.80	39.73	39.72	39.76
	6	39.59	39.58	39.55	39.64
	7	39.68	39.64	39.68	39.70
	8	39.74	39.64	39.67	39.68
	9	39.60	39.54	39.56	39.59
	10	39.65	39.54	39.64	39.63
	11	39.76	39.70	39.73	39.74
	12	39.76	39.72	39.74	39.79
	13	39.64	39.65	39.64	39.64
	14	39.62	39.60	39.62	39.66
15	39.63	39.54	39.62	39.63	
Total MIMO Max Power (mW)		149047.15	147531.27	148079.35	148935.33
Total MIMO Max Power (dBm)		51.73	51.69	51.70	51.73

**Table 10-33. Conducted Average Output Power Table
(AWS_DSS_1C_20M_Ratio5:5 + LTE_1C_15M + NR_1C_15M)**

FCC ID: A3LMF1601D-25A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
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