



Channel	Port	QPSK	16QAM	64QAM	256QAM
Low	0	42.96	43.10	42.91	42.89
	1	42.72	42.79	43.13	42.94
	2	42.85	43.09	42.87	42.75
	3	43.12	43.10	42.99	42.90
	Total Conducted Power (mW)	78263.39	80215.96	79373.25	77467.40
	Total Conducted Power(dBm)	48.94	49.04	49.00	48.89
Mid	0	43.00	42.94	42.97	43.14
	1	42.91	42.82	42.86	42.92
	2	43.04	42.94	42.99	43.05
	3	43.04	43.08	43.13	42.94
	Total Conducted Power (mW)	79770.50	78823.86	79600.59	80057.27
	Total Conducted Power(dBm)	49.02	48.97	49.01	49.03
High	0	42.97	43.12	43.00	43.04
	1	42.85	42.90	42.94	42.89
	2	43.22	43.12	43.21	43.15
	3	43.11	43.04	43.06	43.05
	Total Conducted Power (mW)	80544.36	80658.93	80802.80	80428.31
	Total Conducted Power(dBm)	49.06	49.07	49.07	49.05

Table 10-9. Conducted Average Output Power Table (PCS_DSS_1C_20M)

Channel	Port	QPSK	16QAM	64QAM	256QAM
Low	0	43.51	43.46	43.35	43.34
	1	43.23	43.36	43.23	43.26
	2	43.37	43.40	43.37	43.19
	3	43.32	43.45	43.27	43.30
	Total Conducted Power (mW)	86681.92	87867.57	85624.43	84985.59
	Total Conducted Power(dBm)	49.38	49.44	49.33	49.29
Mid	0	43.55	43.47	43.44	43.30
	1	43.32	43.33	43.33	43.24
	2	43.40	43.53	43.57	43.50
	3	43.36	43.37	43.44	43.34
	Total Conducted Power (mW)	87679.41	88030.32	88438.89	86430.56
	Total Conducted Power(dBm)	49.43	49.45	49.47	49.37
High	0	43.52	43.51	43.52	43.52
	1	43.37	43.39	43.37	43.37
	2	43.52	43.60	43.49	43.62
	3	43.50	43.57	43.49	43.51
	Total Conducted Power (mW)	89095.32	89925.77	88889.00	89670.80
	Total Conducted Power(dBm)	49.50	49.54	49.49	49.53

Table 10-10. Conducted Average Output Power Table (PCS_DSS_2C_10M+10M)



FCC ID: A3LRF4402D-D1A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22032101-00-R1.A3L	Test Dates: 03/25/2022 - 05/03/2022	EUT Type: RRU(RF4402d)		Page 212 of 225

Channel	Port	QPSK	16QAM	64QAM	256QAM
Low	0	43.09	43.04	43.05	43.04
	1	43.08	43.04	43.09	43.08
	2	43.00	42.99	43.24	43.01
	3	43.10	43.10	43.30	43.24
	Total Conducted Power (mW)	81063.99	80598.60	83019.99	81545.71
	Total Conducted Power(dBm)	49.09	49.06	49.19	49.11
Mid	0	43.22	43.31	43.26	43.30
	1	43.05	43.04	43.10	43.11
	2	43.17	43.15	43.25	43.27
	3	43.17	43.12	43.14	43.24
	Total Conducted Power (mW)	82671.33	82731.57	83342.18	84162.79
	Total Conducted Power(dBm)	49.17	49.18	49.21	49.25
High	0	43.22	43.17	43.29	43.28
	1	43.00	43.04	43.09	43.14
	2	43.31	43.18	43.40	43.46
	3	43.24	43.28	43.24	42.96
	Total Conducted Power (mW)	83457.21	82964.74	84664.77	83839.35
	Total Conducted Power(dBm)	49.21	49.19	49.28	49.23

Table 10-11. Conducted Average Output Power Table (PCS_DSS_1C_15M + LTE_1C_5M)

Channel	Port	QPSK	16QAM	64QAM	256QAM
Low	0	43.20	43.32	43.23	43.11
	1	43.10	43.22	43.22	43.06
	2	43.23	43.22	43.08	43.01
	3	43.22	43.44	43.18	43.10
	Total Conducted Power (mW)	83337.52	85537.15	83147.72	81110.64
	Total Conducted Power(dBm)	49.21	49.32	49.20	49.09
Mid	0	43.27	43.16	43.14	43.23
	1	43.08	43.05	43.00	43.12
	2	43.37	43.22	43.16	43.24
	3	43.36	43.09	43.15	43.19
	Total Conducted Power (mW)	84960.07	82244.90	81914.14	83480.60
	Total Conducted Power(dBm)	49.29	49.15	49.13	49.22
High	0	43.33	43.20	43.21	43.29
	1	43.23	43.09	43.11	43.15
	2	43.49	43.27	43.33	43.47
	3	43.25	43.24	43.32	43.41
	Total Conducted Power (mW)	86036.21	83582.11	84411.69	86145.40
	Total Conducted Power(dBm)	49.35	49.22	49.26	49.35

Table 10-12. Conducted Average Output Power Table (PCS_DSS_2C_10M+15M)



FCC ID: A3LRF4402D-D1A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22032101-00-R1.A3L	Test Dates: 03/25/2022 - 05/03/2022	EUT Type: RRU(RF4402d)		Page 213 of 225

Channel	Port	QPSK	16QAM	64QAM	256QAM
Low	0	43.30	43.36	43.30	43.34
	1	43.21	43.29	43.28	43.34
	2	43.25	43.33	43.24	43.28
	3	43.33	43.36	43.38	43.35
	Total Conducted Power (mW)	84983.45	86212.35	85524.39	86063.46
	Total Conducted Power(dBm)	49.29	49.36	49.32	49.35
Mid	0	43.37	43.38	43.34	43.41
	1	43.18	43.32	43.29	43.26
	2	43.50	43.55	43.56	43.48
	3	43.50	42.85	43.46	43.41
	Total Conducted Power (mW)	87298.40	85177.09	87788.51	87324.06
	Total Conducted Power(dBm)	49.41	49.30	49.43	49.41
High	0	43.50	43.48	43.47	43.50
	1	43.41	43.38	43.16	43.31
	2	43.55	43.56	43.55	43.51
	3	43.51	43.56	43.27	43.54
	Total Conducted Power (mW)	89400.52	89458.75	86813.40	88849.29
	Total Conducted Power(dBm)	49.51	49.52	49.39	49.49

Table 10-13. Conducted Average Output Power Table (PCS_NR_2C_10M+15M)

Channel	Port	QPSK	16QAM	64QAM	256QAM
Low	0	43.02	43.01	43.14	43.02
	1	42.95	43.01	43.07	43.06
	2	43.11	43.05	43.11	42.96
	3	43.08	43.13	43.11	43.11
	Total Conducted Power (mW)	80556.96	80739.81	81812.02	80509.05
	Total Conducted Power(dBm)	49.06	49.07	49.13	49.06
Mid	0	43.10	43.10	43.20	43.08
	1	43.01	43.05	43.01	42.99
	2	43.16	43.13	43.25	43.17
	3	43.05	43.06	43.10	43.15
	Total Conducted Power (mW)	81301.08	81390.14	82443.85	81633.24
	Total Conducted Power(dBm)	49.10	49.11	49.16	49.12
High	0	43.08	43.19	43.20	43.04
	1	42.98	42.95	43.10	42.96
	2	43.18	43.24	43.27	43.23
	3	43.04	43.14	43.20	43.12
	Total Conducted Power (mW)	81118.73	82261.72	83435.75	81456.35
	Total Conducted Power(dBm)	49.09	49.15	49.21	49.11

Table 10-14. Conducted Average Output Power Table (PCS_DSS_1C_20M + LTE_1C_5M)



FCC ID: A3LRF4402D-D1A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22032101-00-R1.A3L	Test Dates: 03/25/2022 - 05/03/2022	EUT Type: RRU(RF4402d)	Page 214 of 225	

Channel	Port	QPSK	16QAM	64QAM	256QAM
Low	0	42.88	43.02	42.98	42.98
	1	43.08	42.88	42.90	43.00
	2	42.90	42.86	42.96	42.92
	3	43.06	42.95	42.99	43.02
	Total Conducted Power (mW)	79461.07	78497.49	79035.82	79446.74
	Total Conducted Power(dBm)	49.00	48.95	48.98	49.00
Mid	0	43.09	43.01	43.17	43.20
	1	42.93	42.93	42.94	43.03
	2	43.10	43.02	43.15	43.12
	3	43.05	42.91	42.98	43.10
	Total Conducted Power (mW)	80605.07	79220.34	80942.75	81912.89
	Total Conducted Power(dBm)	49.06	48.99	49.08	49.13
High	0	42.97	43.07	43.00	42.98
	1	42.91	42.92	42.92	42.86
	2	43.05	43.15	43.08	43.03
	3	42.89	43.20	43.05	43.01
	Total Conducted Power (mW)	78995.93	81412.04	80048.30	79270.18
	Total Conducted Power(dBm)	48.98	49.11	49.03	48.99

Table 10-15. Conducted Average Output Power Table (PCS_DSS_1C_20M + NR_1C_5M)

Channel	Port	QPSK	16QAM	64QAM	256QAM
Low	0	43.03	43.07	42.95	42.98
	1	42.90	43.02	43.00	43.02
	2	42.90	42.99	42.93	42.96
	3	43.04	43.08	43.00	43.03
	Total Conducted Power (mW)	79225.06	80551.85	79263.08	79766.29
	Total Conducted Power(dBm)	48.99	49.06	48.99	49.02
Mid	0	43.14	43.15	43.14	43.10
	1	42.94	43.03	42.99	41.88
	2	43.28	43.15	43.08	43.10
	3	42.99	43.04	43.02	43.07
	Total Conducted Power (mW)	81473.29	81535.77	80881.32	76528.59
	Total Conducted Power(dBm)	49.11	49.11	49.08	48.84
High	0	43.13	43.12	43.07	43.08
	1	43.14	42.98	43.01	43.05
	2	43.22	43.14	43.19	43.28
	3	43.16	43.09	43.08	43.13
	Total Conducted Power (mW)	82856.02	81349.29	81443.92	82347.53
	Total Conducted Power(dBm)	49.18	49.10	49.11	49.16

Table 10-16. Conducted Average Output Power Table (PCS_NR_1C_20M + LTE_1C_5M)



FCC ID: A3LRF4402D-D1A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22032101-00-R1.A3L	Test Dates: 03/25/2022 - 05/03/2022	EUT Type: RRU(RF4402d)	Page 215 of 225	

Channel	Port	QPSK	16QAM	64QAM	256QAM
Low	0	43.25	43.27	43.26	43.36
	1	43.44	43.40	43.31	43.32
	2	43.07	43.08	43.00	43.05
	3	43.01	43.06	43.00	42.98
	Total Conducted Power (mW)	83490.38	83663.82	82517.76	83199.96
	Total Conducted Power(dBm)	49.22	49.23	49.17	49.20
Mid	0	43.31	43.39	43.24	43.28
	1	43.48	43.50	43.44	43.44
	2	42.75	42.85	42.74	42.74
	3	43.06	43.12	42.97	42.94
	Total Conducted Power (mW)	82779.94	84001.38	81774.77	81833.47
	Total Conducted Power(dBm)	49.18	49.24	49.13	49.13
High	0	43.37	43.41	43.37	43.22
	1	43.58	43.59	43.70	43.50
	2	43.01	43.02	43.04	43.02
	3	43.34	43.39	43.39	43.31
	Total Conducted Power (mW)	86106.50	86656.06	87133.84	84850.24
	Total Conducted Power(dBm)	49.35	49.38	49.40	49.29

Table 10-17. Conducted Average Output Power Table (AWS_NR_1C_5M)

Channel	Port	QPSK	16QAM	64QAM	256QAM
Low	0	44.95	44.96	45.02	44.86
	1	45.09	45.03	45.08	45.01
	2	44.85	44.76	44.89	44.74
	3	44.68	44.74	44.74	44.65
	Total Conducted Power (mW)	123471.44	122882.64	124596.47	121274.74
	Total Conducted Power(dBm)	50.92	50.89	50.96	50.84
Mid	0	45.07	45.14	44.23	45.04
	1	45.28	45.33	45.22	45.25
	2	44.84	44.61	44.59	44.66
	3	45.02	44.84	44.80	44.85
	Total Conducted Power (mW)	128113.03	126163.82	118724.46	125202.66
	Total Conducted Power(dBm)	51.08	51.01	50.75	50.98
High	0	45.09	45.00	45.00	45.03
	1	45.34	45.35	45.23	45.23
	2	44.85	44.81	44.83	44.83
	3	45.03	45.08	45.04	45.02
	Total Conducted Power (mW)	128874.07	128379.38	127289.65	127362.21
	Total Conducted Power(dBm)	51.10	51.08	51.05	51.05

Table 10-18. Conducted Average Output Power Table (AWS_NR_1C_10M)



FCC ID: A3LRF4402D-D1A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22032101-00-R1.A3L	Test Dates: 03/25/2022 - 05/03/2022	EUT Type: RRU(RF4402d)		Page 216 of 225

Channel	Port	QPSK	16QAM	64QAM	256QAM
Low	0	45.12	45.16	45.05	45.22
	1	44.96	45.19	45.12	44.97
	2	44.96	45.02	44.95	45.03
	3	45.04	44.88	44.96	44.91
	Total Conducted Power (mW)	127089.82	128376.19	127091.33	127487.21
	Total Conducted Power(dBm)	51.04	51.08	51.04	51.05
Mid	0	45.19	45.14	44.97	45.00
	1	45.44	45.61	45.07	45.24
	2	44.63	44.68	44.59	44.67
	3	44.91	44.99	44.88	45.01
	Total Conducted Power (mW)	128045.89	129976.83	123076.64	126046.89
	Total Conducted Power(dBm)	51.07	51.14	50.90	51.01
High	0	45.05	45.09	45.16	45.09
	1	45.21	45.32	45.27	45.24
	2	44.75	44.84	44.82	44.83
	3	45.11	45.07	45.17	45.21
	Total Conducted Power (mW)	127466.18	128941.32	129684.76	129302.74
	Total Conducted Power(dBm)	51.05	51.10	51.13	51.12

Table 10-19. Conducted Average Output Power Table (AWS_NR_2C_5M+5M)

Channel	Port	QPSK	16QAM	64QAM	256QAM
Low	0	44.83	44.95	44.75	44.89
	1	45.06	44.99	44.79	44.92
	2	44.88	44.79	44.65	44.65
	3	44.84	44.83	44.70	44.72
	Total Conducted Power (mW)	123711.46	123349.75	118670.25	120700.06
	Total Conducted Power(dBm)	50.92	50.91	50.74	50.82
Mid	0	45.03	45.00	45.10	45.00
	1	45.21	45.19	45.31	45.41
	2	44.59	44.64	44.74	44.83
	3	44.82	44.89	44.97	44.90
	Total Conducted Power (mW)	124144.32	124598.78	127512.14	127688.20
	Total Conducted Power(dBm)	50.94	50.96	51.06	51.06
High	0	45.03	44.93	45.01	45.01
	1	45.35	45.36	45.29	45.32
	2	44.95	44.89	44.71	44.86
	3	45.02	45.08	44.95	44.98
	Total Conducted Power (mW)	129148.29	128515.53	126343.08	127833.61
	Total Conducted Power(dBm)	51.11	51.09	51.02	51.07

Table 10-20. Conducted Average Output Power Table (AWS_NR_1C_5M + LTE_1C_5M)



FCC ID: A3LRF4402D-D1A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22032101-00-R1.A3L	Test Dates: 03/25/2022 - 05/03/2022	EUT Type: RRU(RF4402d)	Page 217 of 225	

Channel	Port	QPSK	16QAM	64QAM	256QAM
Low	0	44.76	44.89	44.92	44.90
	1	44.85	45.17	45.01	45.00
	2	44.75	44.72	44.72	44.80
	3	44.71	44.75	44.77	44.54
	Total Conducted Power (mW)	119905.81	123219.18	122381.21	121169.86
	Total Conducted Power(dBm)	50.79	50.91	50.88	50.83
Mid	0	44.87	45.07	44.98	45.05
	1	45.17	45.27	45.41	45.11
	2	44.53	44.84	44.84	44.79
	3	44.70	45.00	45.03	45.04
	Total Conducted Power (mW)	121466.67	127889.49	128552.02	126468.35
	Total Conducted Power(dBm)	50.84	51.07	51.09	51.02
High	0	45.07	44.87	44.85	45.04
	1	45.31	45.37	45.32	45.03
	2	44.99	44.83	44.98	44.82
	3	45.28	45.03	44.86	45.26
	Total Conducted Power (mW)	131377.91	127376.04	126687.15	127670.03
	Total Conducted Power(dBm)	51.19	51.05	51.03	51.06

Table 10-21. Conducted Average Output Power Table (AWS_DSS_1C_10M)

Channel	Port	QPSK	16QAM	64QAM	256QAM
Low	0	44.68	44.73	44.99	44.78
	1	44.77	44.85	44.88	44.87
	2	44.54	44.62	44.83	44.75
	3	44.63	44.63	44.72	44.63
	Total Conducted Power (mW)	116852.96	118279.53	122368.18	119645.04
	Total Conducted Power(dBm)	50.68	50.73	50.88	50.78
Mid	0	44.75	44.83	44.95	44.92
	1	45.14	45.00	45.08	45.03
	2	44.49	44.39	44.53	44.49
	3	44.58	44.49	44.64	44.55
	Total Conducted Power (mW)	119339.42	117629.58	120957.84	119516.76
	Total Conducted Power(dBm)	50.77	50.71	50.83	50.77
High	0	44.89	44.79	44.81	44.72
	1	45.03	45.03	45.04	44.93
	2	44.44	44.53	44.62	44.51
	3	44.80	44.72	44.88	44.81
	Total Conducted Power (mW)	120670.50	119999.54	121918.92	119283.41
	Total Conducted Power(dBm)	50.82	50.79	50.86	50.77

Table 10-22. Conducted Average Output Power Table (AWS_NR_1C_15M)



FCC ID: A3LRF4402D-D1A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22032101-00-R1.A3L	Test Dates: 03/25/2022 - 05/03/2022	EUT Type: RRU(RF4402d)		Page 218 of 225

Channel	Port	QPSK	16QAM	64QAM	256QAM
Low	0	44.50	44.66	44.70	44.77
	1	44.51	44.76	44.63	44.77
	2	44.36	44.43	44.48	44.63
	3	44.35	44.51	44.56	44.78
	Total Conducted Power (mW)	110949.42	115146.17	115182.56	119084.24
	Total Conducted Power(dBm)	50.45	50.61	50.61	50.76
Mid	0	44.91	44.61	44.43	44.53
	1	44.97	44.77	44.68	44.85
	2	44.47	44.09	44.11	44.16
	3	44.69	44.43	44.25	44.43
	Total Conducted Power (mW)	119813.31	112276.47	109480.16	112723.14
	Total Conducted Power(dBm)	50.79	50.50	50.39	50.52
High	0	44.67	44.49	44.61	44.54
	1	45.02	44.73	44.81	45.00
	2	44.61	44.32	44.31	44.58
	3	44.88	44.64	44.47	44.76
	Total Conducted Power (mW)	120745.44	113982.42	114143.14	118697.84
	Total Conducted Power(dBm)	50.82	50.57	50.57	50.74

Table 10-23. Conducted Average Output Power Table (AWS_DSS_1C_15M)

Channel	Port	QPSK	16QAM	64QAM	256QAM
Low	0	44.93	45.04	45.09	45.11
	1	45.16	45.22	45.24	45.16
	2	45.02	44.95	44.98	44.89
	3	45.10	44.97	44.96	44.92
	Total Conducted Power (mW)	128054.80	127847.21	128514.79	127120.97
	Total Conducted Power(dBm)	51.07	51.07	51.09	51.04
Mid	0	45.14	45.05	45.07	45.04
	1	45.36	45.40	45.42	45.18
	2	44.76	44.71	44.58	44.55
	3	45.03	44.97	45.03	44.82
	Total Conducted Power (mW)	128779.20	127647.85	127520.12	123725.44
	Total Conducted Power(dBm)	51.10	51.06	51.06	50.92
High	0	45.03	44.90	45.01	45.03
	1	45.29	45.14	45.28	45.41
	2	44.76	44.80	44.86	44.99
	3	44.93	44.93	45.00	45.20
	Total Conducted Power (mW)	126688.27	124878.42	127666.82	131258.75
	Total Conducted Power(dBm)	51.03	50.96	51.06	51.18

Table 10-24. Conducted Average Output Power Table (AWS_DSS_1C_10M + NR_1C_5M)



FCC ID: A3LRF4402D-D1A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22032101-00-R1.A3L	Test Dates: 03/25/2022 - 05/03/2022	EUT Type: RRU(RF4402d)	Page 219 of 225	

Channel	Port	QPSK	16QAM	64QAM	256QAM
Low	0	44.49	44.58	44.55	44.67
	1	44.51	44.60	44.57	44.57
	2	44.24	44.33	44.31	44.46
	3	44.52	44.46	44.55	44.50
	Total Conducted Power (mW)	111227.78	112575.48	112639.54	114059.98
	Total Conducted Power(dBm)	50.46	50.51	50.52	50.57
Mid	0	44.75	44.71	44.61	44.65
	1	44.87	44.91	44.85	44.87
	2	44.34	44.34	44.17	44.36
	3	44.44	44.49	44.30	44.45
	Total Conducted Power (mW)	115505.57	115837.72	112492.97	115015.48
	Total Conducted Power(dBm)	50.63	50.64	50.51	50.61
High	0	44.57	44.65	44.54	44.57
	1	44.82	44.84	44.77	44.85
	2	44.18	44.43	44.20	44.36
	3	44.49	44.63	44.44	44.45
	Total Conducted Power (mW)	113281.53	116426.65	112536.05	114341.98
	Total Conducted Power(dBm)	50.54	50.66	50.51	50.58

Table 10-25. Conducted Average Output Power Table (AWS_NR_1C_20M)

Channel	Port	QPSK	16QAM	64QAM	256QAM
Low	0	44.71	44.53	44.59	44.44
	1	44.64	44.53	44.62	44.48
	2	44.47	44.37	44.30	44.06
	3	44.80	44.70	44.61	44.36
	Total Conducted Power (mW)	116876.63	113623.16	113569.57	108609.55
	Total Conducted Power(dBm)	50.68	50.55	50.55	50.36
Mid	0	44.78	44.71	44.43	44.68
	1	45.00	44.96	44.71	44.86
	2	44.30	44.35	44.03	44.30
	3	44.59	44.45	44.28	44.55
	Total Conducted Power (mW)	117372.87	116001.21	109397.99	115421.66
	Total Conducted Power(dBm)	50.70	50.64	50.39	50.62
High	0	44.58	44.48	44.57	44.60
	1	44.89	44.75	44.93	44.57
	2	44.28	44.33	44.37	44.27
	3	44.60	44.66	44.62	44.50
	Total Conducted Power (mW)	115171.68	114251.60	116085.07	112395.99
	Total Conducted Power(dBm)	50.61	50.58	50.65	50.51

Table 10-26. Conducted Average Output Power Table (AWS_DSS_1C_20M)



FCC ID: A3LRF4402D-D1A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22032101-00-R1.A3L	Test Dates: 03/25/2022 - 05/03/2022	EUT Type: RRU(RF4402d)	Page 220 of 225	

Channel	Port	QPSK	16QAM	64QAM	256QAM
Low	0	45.14	45.08	45.22	45.19
	1	45.14	45.25	45.21	45.17
	2	44.97	44.88	44.94	45.04
	3	45.13	45.10	45.01	45.18
	Total Conducted Power (mW)	129306.32	128827.57	129339.97	130798.47
	Total Conducted Power(dBm)	51.12	51.10	51.12	51.17
Mid	0	45.18	45.14	45.09	45.05
	1	45.34	45.21	45.15	45.44
	2	44.78	44.62	44.61	44.79
	3	45.09	45.02	44.96	45.10
	Total Conducted Power (mW)	129504.62	126590.41	125258.67	129472.89
	Total Conducted Power(dBm)	51.12	51.02	50.98	51.12
High	0	44.95	44.88	44.89	44.82
	1	45.27	45.18	45.35	45.32
	2	44.83	44.78	45.02	45.01
	3	45.00	44.93	45.09	45.16
	Total Conducted Power (mW)	126943.58	124899.87	129162.34	128884.93
	Total Conducted Power(dBm)	51.04	50.97	51.11	51.10

Table 10-27. Conducted Average Output Power Table (AWS_DSS_2C_10M+10M)

Channel	Port	QPSK	16QAM	64QAM	256QAM
Low	0	44.84	45.01	44.99	44.92
	1	45.08	45.23	45.13	45.05
	2	44.81	44.82	44.89	44.87
	3	44.81	44.91	44.85	44.88
	Total Conducted Power (mW)	123227.91	126351.42	125514.81	124485.74
	Total Conducted Power(dBm)	50.91	51.02	50.99	50.95
Mid	0	45.19	44.91	45.16	45.08
	1	45.51	45.15	45.35	45.40
	2	44.92	44.59	44.83	44.86
	3	45.21	44.94	44.76	44.91
	Total Conducted Power (mW)	132835.13	123671.14	127417.80	128478.20
	Total Conducted Power(dBm)	51.23	50.92	51.05	51.09
High	0	44.84	44.77	44.97	44.89
	1	45.22	45.18	45.29	45.23
	2	44.80	44.82	44.94	44.91
	3	44.91	45.01	45.16	45.09
	Total Conducted Power (mW)	124918.62	124987.18	129210.00	127433.65
	Total Conducted Power(dBm)	50.97	50.97	51.11	51.05

Table 10-28. Conducted Average Output Power Table (AWS_DSS_1C_10M + NR_1C_5M + LTE_1C_5M)



FCC ID: A3LRF4402D-D1A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22032101-00-R1.A3L	Test Dates: 03/25/2022 - 05/03/2022	EUT Type: RRU(RF4402d)		Page 221 of 225

Channel	Port	QPSK	16QAM	64QAM	256QAM
Low	0	44.74	44.48	44.61	44.54
	1	44.99	44.57	44.66	44.67
	2	44.54	44.32	44.33	44.38
	3	44.73	44.42	44.48	44.35
	Total Conducted Power (mW)	119496.48	111405.12	113304.58	112396.30
	Total Conducted Power(dBm)	50.77	50.47	50.54	50.51
Mid	0	44.88	44.61	44.72	44.48
	1	45.17	45.03	44.96	44.85
	2	44.54	44.35	44.36	44.22
	3	44.79	44.63	44.57	44.49
	Total Conducted Power (mW)	122220.80	117016.01	116912.73	113146.64
	Total Conducted Power(dBm)	50.87	50.68	50.68	50.54
High	0	44.68	44.70	44.56	44.51
	1	44.80	45.06	44.89	44.82
	2	44.51	44.68	44.44	44.38
	3	44.65	44.77	44.57	44.55
	Total Conducted Power (mW)	116999.08	120942.91	115846.70	114513.64
	Total Conducted Power(dBm)	50.68	50.83	50.64	50.59

Table 10-29. Conducted Average Output Power Table (AWS_DSS_1C_15M + LTE_1C_5M)

Channel	Port	QPSK	16QAM	64QAM	256QAM
Low	0	44.51	44.76	44.80	44.70
	1	44.68	44.71	44.88	44.81
	2	44.22	44.39	44.63	44.42
	3	44.44	44.59	44.83	44.72
	Total Conducted Power (mW)	111846.52	115755.70	120409.56	117098.96
	Total Conducted Power(dBm)	50.49	50.64	50.81	50.69
Mid	0	44.64	44.71	44.69	44.59
	1	45.04	44.93	44.90	44.81
	2	44.20	44.52	44.40	44.34
	3	44.56	44.74	44.62	44.63
	Total Conducted Power (mW)	115901.14	118796.37	116862.89	115247.74
	Total Conducted Power(dBm)	50.64	50.75	50.68	50.62
High	0	44.39	44.68	44.52	44.45
	1	44.61	44.85	44.83	44.70
	2	44.14	44.34	44.39	44.19
	3	44.45	44.55	44.48	44.49
	Total Conducted Power (mW)	110188.75	115600.28	114256.05	111734.50
	Total Conducted Power(dBm)	50.42	50.63	50.58	50.48

Table 10-30. Conducted Average Output Power Table (AWS_NR_2C_15M+20M)



FCC ID: A3LRF4402D-D1A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22032101-00-R1.A3L	Test Dates: 03/25/2022 - 05/03/2022	EUT Type: RRU(RF4402d)	Page 222 of 225	

Channel	Port	QPSK	16QAM	64QAM	256QAM
Low	0	44.61	44.80	44.86	44.77
	1	44.73	44.85	45.08	45.09
	2	44.29	44.45	44.46	44.50
	3	44.58	44.69	44.85	44.76
	Total Conducted Power (mW)	114184.71	118054.16	121304.97	120383.04
	Total Conducted Power(dBm)	50.58	50.72	50.84	50.81
Mid	0	44.94	44.67	44.63	44.78
	1	45.17	44.81	44.83	44.89
	2	44.64	44.33	44.39	44.32
	3	44.80	44.56	44.83	44.62
	Total Conducted Power (mW)	123380.75	115255.89	117336.87	116905.66
	Total Conducted Power(dBm)	50.91	50.62	50.69	50.68
High	0	44.66	44.51	44.64	44.53
	1	44.95	44.70	44.76	44.76
	2	44.40	44.18	44.27	44.18
	3	44.71	44.46	44.48	44.48
	Total Conducted Power (mW)	117624.73	111868.16	113814.22	112538.00
	Total Conducted Power(dBm)	50.70	50.49	50.56	50.51

Table 10-31. Conducted Average Output Power Table (AWS_DSS_2C_15M+20M)

Channel	Port	QPSK	16QAM	64QAM	256QAM
Low	0	44.79	44.73	44.73	44.73
	1	44.90	44.82	44.84	44.81
	2	44.49	44.44	44.42	44.47
	3	44.74	44.79	44.70	44.72
	Total Conducted Power (mW)	118937.19	117982.77	117377.12	117623.92
	Total Conducted Power(dBm)	50.75	50.72	50.70	50.70
Mid	0	44.84	44.84	44.82	44.91
	1	45.07	45.04	45.05	45.09
	2	44.43	44.45	44.53	44.55
	3	44.69	44.70	44.68	44.75
	Total Conducted Power (mW)	119792.97	119767.63	120083.55	121623.14
	Total Conducted Power(dBm)	50.78	50.78	50.79	50.85
High	0	44.70	44.76	44.69	44.73
	1	45.00	45.04	45.00	45.06
	2	44.41	44.43	44.43	44.48
	3	44.58	44.64	44.67	44.72
	Total Conducted Power (mW)	117448.45	118678.40	118109.13	119482.00
	Total Conducted Power(dBm)	50.70	50.74	50.72	50.77

Table 10-32. Conducted Average Output Power Table (AWS_DSS_1C_20M + NR_1C_15M)



FCC ID: A3LRF4402D-D1A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22032101-00-R1.A3L	Test Dates: 03/25/2022 - 05/03/2022	EUT Type: RRU(RF4402d)		Page 223 of 225

Channel	Port	QPSK	16QAM	64QAM	256QAM
Low	0	44.64	44.83	44.85	44.86
	1	44.87	45.11	45.09	45.02
	2	44.50	44.73	44.74	44.63
	3	44.39	44.72	44.73	44.62
	Total Conducted Power (mW)	115460.16	122207.79	122335.98	120402.04
	Total Conducted Power(dBm)	50.62	50.87	50.88	50.81
Mid	0	44.77	44.90	44.76	44.83
	1	45.13	45.02	45.19	45.01
	2	44.48	44.53	44.50	44.39
	3	44.60	44.79	44.76	44.72
	Total Conducted Power (mW)	119469.95	121180.95	121066.08	119231.78
	Total Conducted Power(dBm)	50.77	50.83	50.83	50.76
High	0	44.77	44.71	44.84	44.66
	1	44.99	45.10	45.08	44.80
	2	44.54	44.64	44.60	44.56
	3	44.74	44.86	44.94	44.57
	Total Conducted Power (mW)	119771.45	121666.30	122718.85	116658.73
	Total Conducted Power(dBm)	50.78	50.85	50.89	50.67

Table 10-33. Conducted Average Output Power Table (AWS_DSS_1C_10M + NR_1C_20M + LTE_1C_5M)



Channel	Port	QPSK	16QAM	64QAM	256QAM
Low	0	44.95	44.88	44.75	44.80
	1	45.07	45.12	45.05	45.05
	2	44.72	44.80	44.53	44.61
	3	44.71	44.69	44.59	44.79
	Total Conducted Power (mW)	122625.84	122913.43	118995.95	121225.33
	Total Conducted Power(dBm)	50.89	50.90	50.76	50.84
Mid	0	44.78	44.85	44.94	44.80
	1	45.19	45.21	45.36	45.22
	2	44.66	44.75	44.72	44.61
	3	44.94	45.00	45.01	44.79
	Total Conducted Power (mW)	123528.14	125215.26	126888.68	122502.33
	Total Conducted Power(dBm)	50.92	50.98	51.03	50.88
High	0	44.88	44.95	44.85	44.90
	1	45.08	45.10	45.01	45.12
	2	44.60	44.72	44.54	44.67
	3	44.81	44.99	44.76	44.78
	Total Conducted Power (mW)	122081.11	124818.52	120612.14	122781.38
	Total Conducted Power(dBm)	50.87	50.96	50.81	50.89

Table 10-34. Conducted Average Output Power Table (AWS_NR_2C_10M + 20M + LTE_1C_5M)

FCC ID: A3LRF4402D-D1A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22032101-00-R1.A3L	Test Dates: 03/25/2022 - 05/03/2022	EUT Type: RRU(RF4402d)		Page 224 of 225

Channel	Port	QPSK	16QAM	64QAM	256QAM
Low	0	44.59	44.62	44.73	44.83
	1	44.83	44.83	45.04	45.08
	2	44.42	44.52	44.48	44.60
	3	44.42	44.44	44.46	44.58
	Total Conducted Power (mW)	114521.67	115493.34	117611.81	120167.66
	Total Conducted Power(dBm)	50.59	50.63	50.70	50.80
Mid	0	44.83	44.64	44.65	44.75
	1	45.05	44.93	44.88	44.87
	2	44.60	44.45	44.23	44.34
	3	44.84	44.58	44.58	44.61
	Total Conducted Power (mW)	121717.07	116793.35	115128.05	116615.24
	Total Conducted Power(dBm)	50.85	50.67	50.61	50.67
High	0	44.78	44.71	44.71	44.70
	1	45.02	44.91	44.91	44.93
	2	44.48	44.57	44.47	44.37
	3	44.84	44.73	44.65	44.63
	Total Conducted Power (mW)	120362.79	118912.76	117718.40	117022.17
	Total Conducted Power(dBm)	50.80	50.75	50.71	50.68

Table 10-35. Conducted Average Output Power Table (AWS_DSS_2C_10M + 20M + LTE_1C_5M)

FCC ID: A3LRF4402D-D1A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22032101-00-R1.A3L	Test Dates: 03/25/2022 - 05/03/2022	EUT Type: RRU(RF4402d)	Page 225 of 225	