

RF Power Output and Effective Isotropic Radiated Power

LTE Band2/25							
BANDWIDTH (MHz)	CHANNEL	FREQUENCY (MHz)	MODULATION	RB SIZE	RB OFFSET	AVERAGE POWER (dBm)	EIRP(dBm)
15	Low 26115	1857.5	QPSK	1	0	22.04	26.63
				1	37	21.93	26.52
				1	74	21.73	26.32
				36	0	20.91	25.50
				36	18	20.93	25.52
				36	37	20.92	25.51
				75	0	20.88	25.47
			16-QAM	1	0	20.67	25.26
				1	37	20.99	25.58
				1	74	20.89	25.48
				25	0	19.94	24.53
				25	12	19.92	24.51
				25	24	19.97	24.56
				75	0	•	•
	Middle 26365	1882.5	QPSK	1	0	22.21	26.80
				1	37	22.65	27.24
				1	74	22.49	27.08
				25	0	21.35	25.94
				25	12	21.65	26.24
				25	24	21.25	25.84
				75	0	21.15	25.74
			16-QAM	1	0	21.13	25.72
				1	37	21.53	26.12
				1	74	21.48	26.07
				25	0	19.86	24.45
				25	12	20.44	25.03
				25	24	20.61	25.20
				75	0	•	•
	High 26615	1907.5	QPSK	1	0	22.60	27.19
				1	37	22.46	27.05
				1	74	22.09	26.68
				36	0	21.49	26.08
				36	18	21.43	26.02
				36	37	21.38	25.97
				75	0	20.61	25.20
			16-QAM	1	0	21.67	26.26
				1	37	21.63	26.22

				1	74	21.25	25.84
				25	0	20.00	24.59
				25	12	20.41	25.00
				25	24	20.41	25.00
				75	0	•	•

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	EIRP (dBm)
Band2	1.4	18607	1	#0	QPSK	21.87	26.46
Band2	1.4	18607	1	#Mid	QPSK	21.99	26.58
Band2	1.4	18607	1	#Max	QPSK	21.89	26.48
Band2	1.4	18607	3	#0	QPSK	21.97	26.56
Band2	1.4	18607	3	#Mid	QPSK	22.04	26.63
Band2	1.4	18607	3	#Max	QPSK	21.99	26.58
Band2	1.4	18607	6	#0	QPSK	21.09	25.68
Band2	1.4	18607	1	#0	16QAM	21.12	25.71
Band2	1.4	18607	1	#Mid	16QAM	21.38	25.97
Band2	1.4	18607	1	#Max	16QAM	21.18	25.77
Band2	1.4	18607	3	#0	16QAM	21.00	25.59
Band2	1.4	18607	3	#Mid	16QAM	21.09	25.68
Band2	1.4	18607	3	#Max	16QAM	21.09	25.68
Band2	1.4	18607	6	#0	16QAM	20.15	24.74
Band2	1.4	18900	1	#0	QPSK	21.82	26.41
Band2	1.4	18900	1	#Mid	QPSK	21.87	26.46
Band2	1.4	18900	1	#Max	QPSK	21.76	26.35
Band2	1.4	18900	3	#0	QPSK	21.85	26.44
Band2	1.4	18900	3	#Mid	QPSK	21.86	26.45
Band2	1.4	18900	3	#Max	QPSK	21.82	26.41
Band2	1.4	18900	6	#0	QPSK	20.90	25.49
Band2	1.4	18900	1	#0	16QAM	20.96	25.55
Band2	1.4	18900	1	#Mid	16QAM	21.17	25.76
Band2	1.4	18900	1	#Max	16QAM	20.91	25.50
Band2	1.4	18900	3	#0	16QAM	20.89	25.48
Band2	1.4	18900	3	#Mid	16QAM	20.98	25.57
Band2	1.4	18900	3	#Max	16QAM	20.85	25.44
Band2	1.4	18900	6	#0	16QAM	19.98	24.57
Band2	1.4	19193	1	#0	QPSK	21.65	26.24
Band2	1.4	19193	1	#Mid	QPSK	21.70	26.29
Band2	1.4	19193	1	#Max	QPSK	21.53	26.12
Band2	1.4	19193	3	#0	QPSK	21.67	26.26
Band2	1.4	19193	3	#Mid	QPSK	21.66	26.25

Band2	1.4	19193	3	#Max	QPSK	21.62	26.21
Band2	1.4	19193	6	#0	QPSK	20.76	25.35
Band2	1.4	19193	1	#0	16QAM	20.93	25.52
Band2	1.4	19193	1	#Mid	16QAM	21.00	25.59
Band2	1.4	19193	1	#Max	16QAM	20.73	25.32
Band2	1.4	19193	3	#0	16QAM	20.83	25.42
Band2	1.4	19193	3	#Mid	16QAM	20.80	25.39
Band2	1.4	19193	3	#Max	16QAM	20.75	25.34
Band2	1.4	19193	6	#0	16QAM	19.90	24.49
Band2	3	18615	1	#0	QPSK	21.44	26.03
Band2	3	18615	1	#Mid	QPSK	22.03	26.62
Band2	3	18615	1	#Max	QPSK	21.63	26.22
Band2	3	18615	8	#0	QPSK	20.95	25.54
Band2	3	18615	8	#Mid	QPSK	21.13	25.72
Band2	3	18615	8	#Max	QPSK	20.99	25.58
Band2	3	18615	15	#0	QPSK	20.95	25.54
Band2	3	18615	1	#0	16QAM	20.68	25.27
Band2	3	18615	1	#Mid	16QAM	21.30	25.89
Band2	3	18615	1	#Max	16QAM	20.79	25.38
Band2	3	18615	8	#0	16QAM	19.99	24.58
Band2	3	18615	8	#Mid	16QAM	20.15	24.74
Band2	3	18615	8	#Max	16QAM	20.02	24.61
Band2	3	18615	15	#0	16QAM	19.94	24.53
Band2	3	18900	1	#0	QPSK	21.45	26.04
Band2	3	18900	1	#Mid	QPSK	21.86	26.45
Band2	3	18900	1	#Max	QPSK	21.40	25.99
Band2	3	18900	8	#0	QPSK	20.80	25.39
Band2	3	18900	8	#Mid	QPSK	20.93	25.52
Band2	3	18900	8	#Max	QPSK	20.77	25.36
Band2	3	18900	15	#0	QPSK	20.72	25.31
Band2	3	18900	1	#0	16QAM	20.66	25.25
Band2	3	18900	1	#Mid	16QAM	21.23	25.82
Band2	3	18900	1	#Max	16QAM	20.61	25.20
Band2	3	18900	8	#0	16QAM	19.82	24.41
Band2	3	18900	8	#Mid	16QAM	19.97	24.56
Band2	3	18900	8	#Max	16QAM	19.80	24.39
Band2	3	18900	15	#0	16QAM	19.77	24.36
Band2	3	19185	1	#0	QPSK	21.33	25.92
Band2	3	19185	1	#Mid	QPSK	21.71	26.30
Band2	3	19185	1	#Max	QPSK	21.14	25.73
Band2	3	19185	8	#0	QPSK	20.76	25.35
Band2	3	19185	8	#Mid	QPSK	20.85	25.44
Band2	3	19185	8	#Max	QPSK	20.70	25.29

Band2	3	19185	15	#0	QPSK	20.68	25.27
Band2	3	19185	1	#0	16QAM	20.60	25.19
Band2	3	19185	1	#Mid	16QAM	21.00	25.59
Band2	3	19185	1	#Max	16QAM	20.53	25.12
Band2	3	19185	8	#0	16QAM	19.84	24.43
Band2	3	19185	8	#Mid	16QAM	19.94	24.53
Band2	3	19185	8	#Max	16QAM	19.77	24.36
Band2	3	19185	15	#0	16QAM	19.74	24.33
Band2	5	18625	1	#0	QPSK	21.93	26.52
Band2	5	18625	1	#Mid	QPSK	22.04	26.63
Band2	5	18625	1	#Max	QPSK	22.10	26.69
Band2	5	18625	12	#0	QPSK	21.23	25.82
Band2	5	18625	12	#Mid	QPSK	21.50	26.09
Band2	5	18625	12	#Max	QPSK	21.30	25.89
Band2	5	18625	25	#0	QPSK	21.24	25.83
Band2	5	18625	1	#0	16QAM	21.22	25.81
Band2	5	18625	1	#Mid	16QAM	21.23	25.82
Band2	5	18625	1	#Max	16QAM	21.32	25.91
Band2	5	18625	12	#0	16QAM	20.27	24.86
Band2	5	18625	12	#Mid	16QAM	20.49	25.08
Band2	5	18625	12	#Max	16QAM	20.33	24.92
Band2	5	18625	25	#0	16QAM	20.26	24.85
Band2	5	18900	1	#0	QPSK	21.79	26.38
Band2	5	18900	1	#Mid	QPSK	21.85	26.44
Band2	5	18900	1	#Max	QPSK	21.79	26.38
Band2	5	18900	12	#0	QPSK	21.11	25.70
Band2	5	18900	12	#Mid	QPSK	21.35	25.94
Band2	5	18900	12	#Max	QPSK	21.06	25.65
Band2	5	18900	25	#0	QPSK	21.09	25.68
Band2	5	18900	1	#0	16QAM	21.10	25.69
Band2	5	18900	1	#Mid	16QAM	21.20	25.79
Band2	5	18900	1	#Max	16QAM	20.96	25.55
Band2	5	18900	12	#0	16QAM	20.12	24.71
Band2	5	18900	12	#Mid	16QAM	20.37	24.96
Band2	5	18900	12	#Max	16QAM	20.10	24.69
Band2	5	18900	25	#0	16QAM	20.06	24.65
Band2	5	19175	1	#0	QPSK	21.73	26.32
Band2	5	19175	1	#Mid	QPSK	21.76	26.35
Band2	5	19175	1	#Max	QPSK	21.62	26.21
Band2	5	19175	12	#0	QPSK	20.99	25.58
Band2	5	19175	12	#Mid	QPSK	21.28	25.87
Band2	5	19175	12	#Max	QPSK	21.04	25.63
Band2	5	19175	25	#0	QPSK	21.00	25.59

Band2	5	19175	1	#0	16QAM	21.00	25.59
Band2	5	19175	1	#Mid	16QAM	21.03	25.62
Band2	5	19175	1	#Max	16QAM	20.84	25.43
Band2	5	19175	12	#0	16QAM	20.08	24.67
Band2	5	19175	12	#Mid	16QAM	20.37	24.96
Band2	5	19175	12	#Max	16QAM	20.08	24.67
Band2	5	19175	25	#0	16QAM	20.06	24.65
Band2	10	18650	1	#0	QPSK	21.80	26.39
Band2	10	18650	1	#Mid	QPSK	22.19	26.78
Band2	10	18650	1	#Max	QPSK	21.98	26.57
Band2	10	18650	25	#0	QPSK	21.09	25.68
Band2	10	18650	25	#Mid	QPSK	21.22	25.81
Band2	10	18650	25	#Max	QPSK	21.14	25.73
Band2	10	18650	50	#0	QPSK	21.15	25.74
Band2	10	18650	1	#0	16QAM	21.02	25.61
Band2	10	18650	1	#Mid	16QAM	21.46	26.05
Band2	10	18650	1	#Max	16QAM	21.18	25.77
Band2	10	18650	25	#0	16QAM	20.11	24.70
Band2	10	18650	25	#Mid	16QAM	20.24	24.83
Band2	10	18650	25	#Max	16QAM	20.12	24.71
Band2	10	18650	27	#0	16QAM	20.11	24.70
Band2	10	18900	1	#0	QPSK	21.67	26.26
Band2	10	18900	1	#Mid	QPSK	21.87	26.46
Band2	10	18900	1	#Max	QPSK	21.65	26.24
Band2	10	18900	25	#0	QPSK	20.87	25.46
Band2	10	18900	25	#Mid	QPSK	20.89	25.48
Band2	10	18900	25	#Max	QPSK	20.79	25.38
Band2	10	18900	50	#0	QPSK	20.79	25.38
Band2	10	18900	1	#0	16QAM	20.95	25.54
Band2	10	18900	1	#Mid	16QAM	21.13	25.72
Band2	10	18900	1	#Max	16QAM	20.89	25.48
Band2	10	18900	25	#0	16QAM	19.89	24.48
Band2	10	18900	25	#Mid	16QAM	19.93	24.52
Band2	10	18900	25	#Max	16QAM	19.84	24.43
Band2	10	18900	27	#0	16QAM	19.90	24.49
Band2	10	19150	1	#0	QPSK	21.77	26.36
Band2	10	19150	1	#Mid	QPSK	21.67	26.26
Band2	10	19150	1	#Max	QPSK	21.37	25.96
Band2	10	19150	25	#0	QPSK	20.83	25.42
Band2	10	19150	25	#Mid	QPSK	20.75	25.34
Band2	10	19150	25	#Max	QPSK	20.73	25.32
Band2	10	19150	50	#0	QPSK	20.53	25.12
Band2	10	19150	1	#0	16QAM	20.95	25.54

Band2	10	19150	1	#Mid	16QAM	20.93	25.52
Band2	10	19150	1	#Max	16QAM	20.58	25.17
Band2	10	19150	25	#0	16QAM	19.88	24.47
Band2	10	19150	25	#Mid	16QAM	19.79	24.38
Band2	10	19150	25	#Max	16QAM	19.82	24.41
Band2	10	19150	27	#0	16QAM	19.90	24.49
Band2	15	18675	1	#0	QPSK	21.71	26.30
Band2	15	18675	1	#Mid	QPSK	22.20	26.79
Band2	15	18675	1	#Max	QPSK	21.95	26.54
Band2	15	18675	36	#0	QPSK	21.17	25.76
Band2	15	18675	36	#Mid	QPSK	21.22	25.81
Band2	15	18675	36	#Max	QPSK	21.23	25.82
Band2	15	18675	75	#0	QPSK	21.22	25.81
Band2	15	18675	1	#0	16QAM	20.24	24.83
Band2	15	18675	1	#Mid	16QAM	21.46	26.05
Band2	15	18675	1	#Max	16QAM	20.68	25.27
Band2	15	18675	27	#0	16QAM	20.16	24.75
Band2	15	18675	27	#Mid	16QAM	20.25	24.84
Band2	15	18675	27	#Max	16QAM	20.25	24.84
Band2	15	18900	1	#0	QPSK	21.31	25.90
Band2	15	18900	1	#Mid	QPSK	21.91	26.50
Band2	15	18900	1	#Max	QPSK	21.31	25.90
Band2	15	18900	36	#0	QPSK	20.87	25.46
Band2	15	18900	36	#Mid	QPSK	20.94	25.53
Band2	15	18900	36	#Max	QPSK	20.89	25.48
Band2	15	18900	75	#0	QPSK	20.84	25.43
Band2	15	18900	1	#0	16QAM	20.59	25.18
Band2	15	18900	1	#Mid	16QAM	21.12	25.71
Band2	15	18900	1	#Max	16QAM	20.60	25.19
Band2	15	18900	27	#0	16QAM	19.80	24.39
Band2	15	18900	27	#Mid	16QAM	20.01	24.60
Band2	15	18900	27	#Max	16QAM	19.90	24.49
Band2	15	19125	1	#0	QPSK	19.90	24.49
Band2	15	19125	1	#Mid	QPSK	21.87	26.46
Band2	15	19125	1	#Max	QPSK	21.35	25.94
Band2	15	19125	36	#0	QPSK	20.88	25.47
Band2	15	19125	36	#Mid	QPSK	20.94	25.53
Band2	15	19125	36	#Max	QPSK	20.88	25.47
Band2	15	19125	75	#0	QPSK	20.79	25.38
Band2	15	19125	1	#0	16QAM	20.62	25.21
Band2	15	19125	1	#Mid	16QAM	21.08	25.67
Band2	15	19125	1	#Max	16QAM	20.60	25.19
Band2	15	19125	27	#0	16QAM	19.85	24.44

Band2	15	19125	27	#Mid	16QAM	20.05	24.64
Band2	15	19125	27	#Max	16QAM	19.89	24.48
Band2	20	18700	1	#0	QPSK	22.59	27.18
Band2	20	18700	1	#Mid	QPSK	22.23	26.82
Band2	20	18700	1	#Max	QPSK	21.83	26.42
Band2	20	18700	50	#0	QPSK	21.20	25.79
Band2	20	18700	50	#Mid	QPSK	21.18	25.77
Band2	20	18700	50	#Max	QPSK	21.22	25.81
Band2	20	18700	100	#0	QPSK	21.19	25.78
Band2	20	18700	1	#0	16QAM	21.86	26.45
Band2	20	18700	1	#Mid	16QAM	21.49	26.08
Band2	20	18700	1	#Max	16QAM	21.10	25.69
Band2	20	18700	27	#0	16QAM	20.18	24.77
Band2	20	18700	27	#Mid	16QAM	20.26	24.85
Band2	20	18700	27	#Max	16QAM	20.24	24.83
Band2	20	18900	1	#0	QPSK	22.64	27.23
Band2	20	18900	1	#Mid	QPSK	21.89	26.48
Band2	20	18900	1	#Max	QPSK	21.63	26.22
Band2	20	18900	50	#0	QPSK	20.80	25.39
Band2	20	18900	50	#Mid	QPSK	20.83	25.42
Band2	20	18900	50	#Max	QPSK	20.82	25.41
Band2	20	18900	100	#0	QPSK	20.75	25.34
Band2	20	18900	1	#0	16QAM	21.93	26.52
Band2	20	18900	1	#Mid	16QAM	21.19	25.78
Band2	20	18900	1	#Max	16QAM	20.74	25.33
Band2	20	18900	27	#0	16QAM	19.91	24.50
Band2	20	18900	27	#Mid	16QAM	19.95	24.54
Band2	20	18900	27	#Max	16QAM	19.94	24.53
Band2	20	19100	1	#0	QPSK	22.61	27.20
Band2	20	19100	1	#Mid	QPSK	21.95	26.54
Band2	20	19100	1	#Max	QPSK	21.33	25.92
Band2	20	19100	50	#0	QPSK	20.88	25.47
Band2	20	19100	50	#Mid	QPSK	20.87	25.46
Band2	20	19100	50	#Max	QPSK	20.70	25.29
Band2	20	19100	100	#0	QPSK	20.74	25.33
Band2	20	19100	1	#0	16QAM	21.84	26.43
Band2	20	19100	1	#Mid	16QAM	21.17	25.76
Band2	20	19100	1	#Max	16QAM	20.65	25.24
Band2	20	19100	27	#0	16QAM	19.94	24.53
Band2	20	19100	27	#Mid	16QAM	20.00	24.59
Band2	20	19100	27	#Max	16QAM	19.85	24.44
Band4	1.4	19957	1	#0	QPSK	22.07	25.12
Band4	1.4	19957	1	#Mid	QPSK	22.27	25.32

Band4	1.4	19957	1	#Max	QPSK	22.19	25.24
Band4	1.4	19957	3	#0	QPSK	22.27	25.32
Band4	1.4	19957	3	#Mid	QPSK	22.30	25.35
Band4	1.4	19957	3	#Max	QPSK	22.28	25.33
Band4	1.4	19957	6	#0	QPSK	21.10	24.15
Band4	1.4	19957	1	#0	16QAM	21.26	24.31
Band4	1.4	19957	1	#Mid	16QAM	21.37	24.42
Band4	1.4	19957	1	#Max	16QAM	21.28	24.33
Band4	1.4	19957	3	#0	16QAM	21.13	24.18
Band4	1.4	19957	3	#Mid	16QAM	21.17	24.22
Band4	1.4	19957	3	#Max	16QAM	21.17	24.22
Band4	1.4	19957	6	#0	16QAM	20.20	23.25
Band4	1.4	20175	1	#0	QPSK	22.64	25.69
Band4	1.4	20175	1	#Mid	QPSK	22.78	25.83
Band4	1.4	20175	1	#Max	QPSK	22.73	25.78
Band4	1.4	20175	3	#0	QPSK	22.74	25.79
Band4	1.4	20175	3	#Mid	QPSK	22.80	25.85
Band4	1.4	20175	3	#Max	QPSK	22.76	25.81
Band4	1.4	20175	6	#0	QPSK	21.79	24.84
Band4	1.4	20175	1	#0	16QAM	21.87	24.92
Band4	1.4	20175	1	#Mid	16QAM	22.04	25.09
Band4	1.4	20175	1	#Max	16QAM	21.92	24.97
Band4	1.4	20175	3	#0	16QAM	21.81	24.86
Band4	1.4	20175	3	#Mid	16QAM	21.89	24.94
Band4	1.4	20175	3	#Max	16QAM	21.79	24.84
Band4	1.4	20175	6	#0	16QAM	20.65	23.70
Band4	1.4	20393	1	#0	QPSK	22.00	25.05
Band4	1.4	20393	1	#Mid	QPSK	22.12	25.17
Band4	1.4	20393	1	#Max	QPSK	21.98	25.03
Band4	1.4	20393	3	#0	QPSK	22.03	25.08
Band4	1.4	20393	3	#Mid	QPSK	22.09	25.14
Band4	1.4	20393	3	#Max	QPSK	22.05	25.10
Band4	1.4	20393	6	#0	QPSK	21.09	24.14
Band4	1.4	20393	1	#0	16QAM	21.22	24.27
Band4	1.4	20393	1	#Mid	16QAM	21.17	24.22
Band4	1.4	20393	1	#Max	16QAM	21.19	24.24
Band4	1.4	20393	3	#0	16QAM	21.21	24.26
Band4	1.4	20393	3	#Mid	16QAM	21.29	24.34
Band4	1.4	20393	3	#Max	16QAM	21.31	24.36
Band4	1.4	20393	6	#0	16QAM	20.14	23.19
Band4	3	19965	1	#0	QPSK	21.68	24.73
Band4	3	19965	1	#Mid	QPSK	22.26	25.31
Band4	3	19965	1	#Max	QPSK	21.82	24.87

Band4	3	19965	8	#0	QPSK	21.04	24.09
Band4	3	19965	8	#Mid	QPSK	21.22	24.27
Band4	3	19965	8	#Max	QPSK	21.14	24.19
Band4	3	19965	15	#0	QPSK	21.05	24.10
Band4	3	19965	1	#0	16QAM	20.98	24.03
Band4	3	19965	1	#Mid	16QAM	21.59	24.64
Band4	3	19965	1	#Max	16QAM	20.97	24.02
Band4	3	19965	8	#0	16QAM	20.09	23.14
Band4	3	19965	8	#Mid	16QAM	20.24	23.29
Band4	3	19965	8	#Max	16QAM	20.18	23.23
Band4	3	19965	15	#0	16QAM	20.02	23.07
Band4	3	20175	1	#0	QPSK	22.08	25.13
Band4	3	20175	1	#Mid	QPSK	22.78	25.83
Band4	3	20175	1	#Max	QPSK	22.28	25.33
Band4	3	20175	8	#0	QPSK	21.53	24.58
Band4	3	20175	8	#Mid	QPSK	21.75	24.80
Band4	3	20175	8	#Max	QPSK	21.65	24.70
Band4	3	20175	15	#0	QPSK	21.53	24.58
Band4	3	20175	1	#0	16QAM	21.54	24.59
Band4	3	20175	1	#Mid	16QAM	22.09	25.14
Band4	3	20175	1	#Max	16QAM	21.63	24.68
Band4	3	20175	8	#0	16QAM	20.40	23.45
Band4	3	20175	8	#Mid	16QAM	20.66	23.71
Band4	3	20175	8	#Max	16QAM	20.52	23.57
Band4	3	20175	15	#0	16QAM	20.41	23.46
Band4	3	20385	1	#0	QPSK	21.72	24.77
Band4	3	20385	1	#Mid	QPSK	22.12	25.17
Band4	3	20385	1	#Max	QPSK	21.63	24.68
Band4	3	20385	8	#0	QPSK	20.97	24.02
Band4	3	20385	8	#Mid	QPSK	21.09	24.14
Band4	3	20385	8	#Max	QPSK	20.96	24.01
Band4	3	20385	15	#0	QPSK	20.89	23.94
Band4	3	20385	1	#0	16QAM	20.89	23.94
Band4	3	20385	1	#Mid	16QAM	21.28	24.33
Band4	3	20385	1	#Max	16QAM	20.85	23.90
Band4	3	20385	8	#0	16QAM	20.03	23.08
Band4	3	20385	8	#Mid	16QAM	20.18	23.23
Band4	3	20385	8	#Max	16QAM	19.98	23.03
Band4	3	20385	15	#0	16QAM	19.93	22.98
Band4	5	19975	1	#0	QPSK	22.21	25.26
Band4	5	19975	1	#Mid	QPSK	22.28	25.33
Band4	5	19975	1	#Max	QPSK	22.27	25.32
Band4	5	19975	12	#0	QPSK	21.38	24.43

Band4	5	19975	12	#Mid	QPSK	21.62	24.67
Band4	5	19975	12	#Max	QPSK	21.37	24.42
Band4	5	19975	25	#0	QPSK	21.34	24.39
Band4	5	19975	1	#0	16QAM	21.29	24.34
Band4	5	19975	1	#Mid	16QAM	21.52	24.57
Band4	5	19975	1	#Max	16QAM	21.40	24.45
Band4	5	19975	12	#0	16QAM	20.36	23.41
Band4	5	19975	12	#Mid	16QAM	20.61	23.66
Band4	5	19975	12	#Max	16QAM	20.40	23.45
Band4	5	19975	25	#0	16QAM	20.33	23.38
Band4	5	20175	1	#0	QPSK	22.54	25.59
Band4	5	20175	1	#Mid	QPSK	22.76	25.81
Band4	5	20175	1	#Max	QPSK	22.71	25.76
Band4	5	20175	12	#0	QPSK	21.83	24.88
Band4	5	20175	12	#Mid	QPSK	22.20	25.25
Band4	5	20175	12	#Max	QPSK	21.96	25.01
Band4	5	20175	25	#0	QPSK	21.88	24.93
Band4	5	20175	1	#0	16QAM	21.89	24.94
Band4	5	20175	1	#Mid	16QAM	21.92	24.97
Band4	5	20175	1	#Max	16QAM	22.24	25.29
Band4	5	20175	12	#0	16QAM	20.90	23.95
Band4	5	20175	12	#Mid	16QAM	21.13	24.18
Band4	5	20175	12	#Max	16QAM	20.99	24.04
Band4	5	20175	25	#0	16QAM	20.94	23.99
Band4	5	20375	1	#0	QPSK	22.27	25.32
Band4	5	20375	1	#Mid	QPSK	22.16	25.21
Band4	5	20375	1	#Max	QPSK	22.07	25.12
Band4	5	20375	12	#0	QPSK	21.41	24.46
Band4	5	20375	12	#Mid	QPSK	21.56	24.61
Band4	5	20375	12	#Max	QPSK	21.25	24.30
Band4	5	20375	25	#0	QPSK	21.28	24.33
Band4	5	20375	1	#0	16QAM	21.34	24.39
Band4	5	20375	1	#Mid	16QAM	21.40	24.45
Band4	5	20375	1	#Max	16QAM	21.26	24.31
Band4	5	20375	12	#0	16QAM	20.39	23.44
Band4	5	20375	12	#Mid	16QAM	20.53	23.58
Band4	5	20375	12	#Max	16QAM	20.26	23.31
Band4	5	20375	25	#0	16QAM	20.28	23.33
Band4	10	20000	1	#0	QPSK	22.09	25.14
Band4	10	20000	1	#Mid	QPSK	22.32	25.37
Band4	10	20000	1	#Max	QPSK	22.30	25.35
Band4	10	20000	25	#0	QPSK	21.29	24.34
Band4	10	20000	25	#Mid	QPSK	21.33	24.38

Band4	10	20000	25	#Max	QPSK	21.37	24.42
Band4	10	20000	50	#0	QPSK	21.27	24.32
Band4	10	20000	1	#0	16QAM	21.20	24.25
Band4	10	20000	1	#Mid	16QAM	21.68	24.73
Band4	10	20000	1	#Max	16QAM	21.60	24.65
Band4	10	20000	25	#0	16QAM	20.23	23.28
Band4	10	20000	25	#Mid	16QAM	20.22	23.27
Band4	10	20000	25	#Max	16QAM	20.27	23.32
Band4	10	20000	27	#0	16QAM	20.20	23.25
Band4	10	20175	1	#0	QPSK	22.44	25.49
Band4	10	20175	1	#Mid	QPSK	22.84	25.89
Band4	10	20175	1	#Max	QPSK	22.56	25.61
Band4	10	20175	25	#0	QPSK	21.59	24.64
Band4	10	20175	25	#Mid	QPSK	21.77	24.82
Band4	10	20175	25	#Max	QPSK	21.72	24.77
Band4	10	20175	50	#0	QPSK	21.69	24.74
Band4	10	20175	1	#0	16QAM	21.63	24.68
Band4	10	20175	1	#Mid	16QAM	22.15	25.20
Band4	10	20175	1	#Max	16QAM	21.82	24.87
Band4	10	20175	25	#0	16QAM	20.43	23.48
Band4	10	20175	25	#Mid	16QAM	20.63	23.68
Band4	10	20175	25	#Max	16QAM	20.61	23.66
Band4	10	20175	27	#0	16QAM	20.46	23.51
Band4	10	20350	1	#0	QPSK	22.41	25.46
Band4	10	20350	1	#Mid	QPSK	22.37	25.42
Band4	10	20350	1	#Max	QPSK	21.94	24.99
Band4	10	20350	25	#0	QPSK	21.36	24.41
Band4	10	20350	25	#Mid	QPSK	21.33	24.38
Band4	10	20350	25	#Max	QPSK	21.15	24.20
Band4	10	20350	50	#0	QPSK	21.24	24.29
Band4	10	20350	1	#0	16QAM	21.52	24.57
Band4	10	20350	1	#Mid	16QAM	21.63	24.68
Band4	10	20350	1	#Max	16QAM	21.20	24.25
Band4	10	20350	25	#0	16QAM	20.37	23.42
Band4	10	20350	25	#Mid	16QAM	20.36	23.41
Band4	10	20350	25	#Max	16QAM	20.17	23.22
Band4	10	20350	27	#0	16QAM	20.34	23.39
Band4	15	20025	1	#0	QPSK	21.95	25.00
Band4	15	20025	1	#Mid	QPSK	22.49	25.54
Band4	15	20025	1	#Max	QPSK	22.12	25.17
Band4	15	20025	36	#0	QPSK	21.29	24.34
Band4	15	20025	36	#Mid	QPSK	21.56	24.61
Band4	15	20025	36	#Max	QPSK	21.63	24.68

Band4	15	20025	75	#0	QPSK	21.48	24.53
Band4	15	20025	1	#0	16QAM	20.42	23.47
Band4	15	20025	1	#Mid	16QAM	21.77	24.82
Band4	15	20025	1	#Max	16QAM	21.46	24.51
Band4	15	20025	27	#0	16QAM	20.23	23.28
Band4	15	20025	27	#Mid	16QAM	20.45	23.50
Band4	15	20025	27	#Max	16QAM	20.47	23.52
Band4	15	20175	1	#0	QPSK	22.02	25.07
Band4	15	20175	1	#Mid	QPSK	22.89	25.94
Band4	15	20175	1	#Max	QPSK	22.30	25.35
Band4	15	20175	36	#0	QPSK	21.62	24.67
Band4	15	20175	36	#Mid	QPSK	21.87	24.92
Band4	15	20175	36	#Max	QPSK	21.75	24.80
Band4	15	20175	75	#0	QPSK	21.85	24.90
Band4	15	20175	1	#0	16QAM	21.33	24.38
Band4	15	20175	1	#Mid	16QAM	22.22	25.27
Band4	15	20175	1	#Max	16QAM	20.78	23.83
Band4	15	20175	27	#0	16QAM	20.45	23.50
Band4	15	20175	27	#Mid	16QAM	20.76	23.81
Band4	15	20175	27	#Max	16QAM	20.60	23.65
Band4	15	20325	1	#0	QPSK	22.32	25.37
Band4	15	20325	1	#Mid	QPSK	22.40	25.45
Band4	15	20325	1	#Max	QPSK	21.67	24.72
Band4	15	20325	36	#0	QPSK	21.47	24.52
Band4	15	20325	36	#Mid	QPSK	21.45	24.50
Band4	15	20325	36	#Max	QPSK	21.25	24.30
Band4	15	20325	75	#0	QPSK	21.31	24.36
Band4	15	20325	1	#0	16QAM	20.79	23.84
Band4	15	20325	1	#Mid	16QAM	21.68	24.73
Band4	15	20325	1	#Max	16QAM	20.32	23.37
Band4	15	20325	27	#0	16QAM	20.42	23.47
Band4	15	20325	27	#Mid	16QAM	20.45	23.50
Band4	15	20325	27	#Max	16QAM	20.11	23.16
Band4	20	20050	1	#0	QPSK	22.03	25.08
Band4	20	20050	1	#Mid	QPSK	22.54	25.59
Band4	20	20050	1	#Max	QPSK	22.36	25.41
Band4	20	20050	50	#0	QPSK	21.37	24.42
Band4	20	20050	50	#Mid	QPSK	21.51	24.56
Band4	20	20050	50	#Max	QPSK	21.61	24.66
Band4	20	20050	100	#0	QPSK	21.57	24.62
Band4	20	20050	1	#0	16QAM	21.34	24.39
Band4	20	20050	1	#Mid	16QAM	21.77	24.82
Band4	20	20050	1	#Max	16QAM	21.58	24.63

Band4	20	20050	27	#0	16QAM	20.25	23.30
Band4	20	20050	27	#Mid	16QAM	20.42	23.47
Band4	20	20050	27	#Max	16QAM	20.53	23.58
Band4	20	20175	1	#0	QPSK	22.32	25.37
Band4	20	20175	1	#Mid	QPSK	22.87	25.92
Band4	20	20175	1	#Max	QPSK	22.43	25.48
Band4	20	20175	50	#0	QPSK	21.56	24.61
Band4	20	20175	50	#Mid	QPSK	21.80	24.85
Band4	20	20175	50	#Max	QPSK	21.74	24.79
Band4	20	20175	100	#0	QPSK	21.83	24.88
Band4	20	20175	1	#0	16QAM	21.58	24.63
Band4	20	20175	1	#Mid	16QAM	22.19	25.24
Band4	20	20175	1	#Max	16QAM	21.52	24.57
Band4	20	20175	27	#0	16QAM	20.42	23.47
Band4	20	20175	27	#Mid	16QAM	20.71	23.76
Band4	20	20175	27	#Max	16QAM	20.55	23.60
Band4	20	20300	1	#0	QPSK	22.47	25.52
Band4	20	20300	1	#Mid	QPSK	22.59	25.64
Band4	20	20300	1	#Max	QPSK	21.77	24.82
Band4	20	20300	50	#0	QPSK	21.46	24.51
Band4	20	20300	50	#Mid	QPSK	21.42	24.47
Band4	20	20300	50	#Max	QPSK	21.29	24.34
Band4	20	20300	100	#0	QPSK	21.40	24.45
Band4	20	20300	1	#0	16QAM	21.59	24.64
Band4	20	20300	1	#Mid	16QAM	21.77	24.82
Band4	20	20300	1	#Max	16QAM	20.88	23.93
Band4	20	20300	27	#0	16QAM	20.51	23.56
Band4	20	20300	27	#Mid	16QAM	20.48	23.53
Band4	20	20300	27	#Max	16QAM	20.21	23.26
Band5	5	20425	1	#0	QPSK	22.22	24.51
Band5	5	20425	1	#Mid	QPSK	22.52	24.81
Band5	5	20425	1	#Max	QPSK	22.64	24.93
Band5	5	20425	12	#0	QPSK	21.40	23.69
Band5	5	20425	12	#Mid	QPSK	21.81	24.10
Band5	5	20425	12	#Max	QPSK	21.69	23.98
Band5	5	20425	25	#0	QPSK	21.49	23.78
Band5	5	20425	1	#0	16QAM	21.34	23.63
Band5	5	20425	1	#Mid	16QAM	21.64	23.93
Band5	5	20425	1	#Max	16QAM	21.92	24.21
Band5	5	20425	12	#0	16QAM	20.41	22.70
Band5	5	20425	12	#Mid	16QAM	20.82	23.11
Band5	5	20425	12	#Max	16QAM	20.75	23.04
Band5	5	20425	25	#0	16QAM	20.49	22.78

Band5	5	20525	1	#0	QPSK	22.27	24.56
Band5	5	20525	1	#Mid	QPSK	22.49	24.78
Band5	5	20525	1	#Max	QPSK	22.58	24.87
Band5	5	20525	12	#0	QPSK	21.43	23.72
Band5	5	20525	12	#Mid	QPSK	21.91	24.20
Band5	5	20525	12	#Max	QPSK	21.69	23.98
Band5	5	20525	25	#0	QPSK	21.65	23.94
Band5	5	20525	1	#0	16QAM	21.53	23.82
Band5	5	20525	1	#Mid	16QAM	21.77	24.06
Band5	5	20525	1	#Max	16QAM	21.90	24.19
Band5	5	20525	12	#0	16QAM	20.39	22.68
Band5	5	20525	12	#Mid	16QAM	20.87	23.16
Band5	5	20525	12	#Max	16QAM	20.69	22.98
Band5	5	20525	25	#0	16QAM	20.66	22.95
Band5	5	20625	1	#0	QPSK	22.64	24.93
Band5	5	20625	1	#Mid	QPSK	22.51	24.80
Band5	5	20625	1	#Max	QPSK	21.85	24.14
Band5	5	20625	12	#0	QPSK	21.82	24.11
Band5	5	20625	12	#Mid	QPSK	21.95	24.24
Band5	5	20625	12	#Max	QPSK	21.43	23.72
Band5	5	20625	25	#0	QPSK	21.64	23.93
Band5	5	20625	1	#0	16QAM	21.87	24.16
Band5	5	20625	1	#Mid	16QAM	21.83	24.12
Band5	5	20625	1	#Max	16QAM	21.16	23.45
Band5	5	20625	12	#0	16QAM	20.73	23.02
Band5	5	20625	12	#Mid	16QAM	20.85	23.14
Band5	5	20625	12	#Max	16QAM	20.35	22.64
Band5	5	20625	25	#0	16QAM	20.59	22.88
Band12	1.4	23017	1	#0	QPSK	21.86	20.42
Band12	1.4	23017	1	#Mid	QPSK	22.10	20.66
Band12	1.4	23017	1	#Max	QPSK	22.04	20.60
Band12	1.4	23017	3	#0	QPSK	22.02	20.58
Band12	1.4	23017	3	#Mid	QPSK	22.11	20.67
Band12	1.4	23017	3	#Max	QPSK	22.10	20.66
Band12	1.4	23017	6	#0	QPSK	21.17	19.73
Band12	1.4	23017	1	#0	16QAM	21.18	19.74
Band12	1.4	23017	1	#Mid	16QAM	21.40	19.96
Band12	1.4	23017	1	#Max	16QAM	21.33	19.89
Band12	1.4	23017	3	#0	16QAM	21.14	19.70
Band12	1.4	23017	3	#Mid	16QAM	21.23	19.79
Band12	1.4	23017	3	#Max	16QAM	21.18	19.74
Band12	1.4	23017	6	#0	16QAM	20.18	18.74
Band12	1.4	23095	1	#0	QPSK	22.63	21.19

Band12	1.4	23095	1	#Mid	QPSK	22.86	21.42
Band12	1.4	23095	1	#Max	QPSK	22.83	21.39
Band12	1.4	23095	3	#0	QPSK	22.77	21.33
Band12	1.4	23095	3	#Mid	QPSK	22.86	21.42
Band12	1.4	23095	3	#Max	QPSK	22.87	21.43
Band12	1.4	23095	6	#0	QPSK	21.90	20.46
Band12	1.4	23095	1	#0	16QAM	21.91	20.47
Band12	1.4	23095	1	#Mid	16QAM	22.19	20.75
Band12	1.4	23095	1	#Max	16QAM	22.09	20.65
Band12	1.4	23095	3	#0	16QAM	21.82	20.38
Band12	1.4	23095	3	#Mid	16QAM	21.91	20.47
Band12	1.4	23095	3	#Max	16QAM	21.95	20.51
Band12	1.4	23095	6	#0	16QAM	20.95	19.51
Band12	1.4	23173	1	#0	QPSK	21.79	20.35
Band12	1.4	23173	1	#Mid	QPSK	22.02	20.58
Band12	1.4	23173	1	#Max	QPSK	22.08	20.64
Band12	1.4	23173	3	#0	QPSK	21.88	20.44
Band12	1.4	23173	3	#Mid	QPSK	22.02	20.58
Band12	1.4	23173	3	#Max	QPSK	22.10	20.66
Band12	1.4	23173	6	#0	QPSK	21.03	19.59
Band12	1.4	23173	1	#0	16QAM	21.09	19.65
Band12	1.4	23173	1	#Mid	16QAM	21.29	19.85
Band12	1.4	23173	1	#Max	16QAM	21.29	19.85
Band12	1.4	23173	3	#0	16QAM	20.92	19.48
Band12	1.4	23173	3	#Mid	16QAM	21.13	19.69
Band12	1.4	23173	3	#Max	16QAM	21.09	19.65
Band12	1.4	23173	6	#0	16QAM	20.10	18.66
Band12	3	23025	1	#0	QPSK	21.51	20.07
Band12	3	23025	1	#Mid	QPSK	22.21	20.77
Band12	3	23025	1	#Max	QPSK	21.49	20.05
Band12	3	23025	8	#0	QPSK	21.05	19.61
Band12	3	23025	8	#Mid	QPSK	21.25	19.81
Band12	3	23025	8	#Max	QPSK	21.06	19.62
Band12	3	23025	15	#0	QPSK	21.01	19.57
Band12	3	23025	1	#0	16QAM	20.92	19.48
Band12	3	23025	1	#Mid	16QAM	21.59	20.15
Band12	3	23025	1	#Max	16QAM	20.82	19.38
Band12	3	23025	8	#0	16QAM	20.11	18.67
Band12	3	23025	8	#Mid	16QAM	20.34	18.90
Band12	3	23025	8	#Max	16QAM	20.10	18.66
Band12	3	23025	15	#0	16QAM	20.06	18.62
Band12	3	23095	1	#0	QPSK	22.15	20.71
Band12	3	23095	1	#Mid	QPSK	22.88	21.44

Band12	3	23095	1	#Max	QPSK	22.51	21.07
Band12	3	23095	8	#0	QPSK	21.61	20.17
Band12	3	23095	8	#Mid	QPSK	21.93	20.49
Band12	3	23095	8	#Max	QPSK	21.88	20.44
Band12	3	23095	15	#0	QPSK	21.72	20.28
Band12	3	23095	1	#0	16QAM	21.38	19.94
Band12	3	23095	1	#Mid	16QAM	22.07	20.63
Band12	3	23095	1	#Max	16QAM	21.75	20.31
Band12	3	23095	8	#0	16QAM	20.67	19.23
Band12	3	23095	8	#Mid	16QAM	20.97	19.53
Band12	3	23095	8	#Max	16QAM	20.93	19.49
Band12	3	23095	15	#0	16QAM	20.73	19.29
Band12	3	23165	1	#0	QPSK	21.39	19.95
Band12	3	23165	1	#Mid	QPSK	21.81	20.37
Band12	3	23165	1	#Max	QPSK	21.70	20.26
Band12	3	23165	8	#0	QPSK	20.62	19.18
Band12	3	23165	8	#Mid	QPSK	20.80	19.36
Band12	3	23165	8	#Max	QPSK	20.83	19.39
Band12	3	23165	15	#0	QPSK	20.67	19.23
Band12	3	23165	1	#0	16QAM	20.68	19.24
Band12	3	23165	1	#Mid	16QAM	21.12	19.68
Band12	3	23165	1	#Max	16QAM	20.95	19.51
Band12	3	23165	8	#0	16QAM	19.66	18.22
Band12	3	23165	8	#Mid	16QAM	19.84	18.40
Band12	3	23165	8	#Max	16QAM	19.91	18.47
Band12	3	23165	15	#0	16QAM	19.66	18.22
Band12	5	23035	1	#0	QPSK	21.94	20.50
Band12	5	23035	1	#Mid	QPSK	21.97	20.53
Band12	5	23035	1	#Max	QPSK	21.95	20.51
Band12	5	23035	12	#0	QPSK	21.31	19.87
Band12	5	23035	12	#Mid	QPSK	21.49	20.05
Band12	5	23035	12	#Max	QPSK	21.18	19.74
Band12	5	23035	25	#0	QPSK	21.27	19.83
Band12	5	23035	1	#0	16QAM	21.31	19.87
Band12	5	23035	1	#Mid	16QAM	21.29	19.85
Band12	5	23035	1	#Max	16QAM	21.35	19.91
Band12	5	23035	12	#0	16QAM	20.30	18.86
Band12	5	23035	12	#Mid	16QAM	20.49	19.05
Band12	5	23035	12	#Max	16QAM	20.20	18.76
Band12	5	23035	25	#0	16QAM	20.27	18.83
Band12	5	23095	1	#0	QPSK	22.33	20.89
Band12	5	23095	1	#Mid	QPSK	22.79	21.35
Band12	5	23095	1	#Max	QPSK	22.89	21.45

Band12	5	23095	12	#0	QPSK	21.85	20.41
Band12	5	23095	12	#Mid	QPSK	22.28	20.84
Band12	5	23095	12	#Max	QPSK	22.18	20.74
Band12	5	23095	25	#0	QPSK	22.01	20.57
Band12	5	23095	1	#0	16QAM	21.71	20.27
Band12	5	23095	1	#Mid	16QAM	22.17	20.73
Band12	5	23095	1	#Max	16QAM	22.21	20.77
Band12	5	23095	12	#0	16QAM	20.86	19.42
Band12	5	23095	12	#Mid	16QAM	21.35	19.91
Band12	5	23095	12	#Max	16QAM	21.20	19.76
Band12	5	23095	25	#0	16QAM	21.03	19.59
Band12	5	23155	1	#0	QPSK	22.76	21.32
Band12	5	23155	1	#Mid	QPSK	21.82	20.38
Band12	5	23155	1	#Max	QPSK	22.46	21.02
Band12	5	23155	12	#0	QPSK	21.39	19.95
Band12	5	23155	12	#Mid	QPSK	21.32	19.88
Band12	5	23155	12	#Max	QPSK	21.22	19.78
Band12	5	23155	25	#0	QPSK	21.27	19.83
Band12	5	23155	1	#0	16QAM	22.03	20.59
Band12	5	23155	1	#Mid	16QAM	21.09	19.65
Band12	5	23155	1	#Max	16QAM	21.73	20.29
Band12	5	23155	12	#0	16QAM	20.38	18.94
Band12	5	23155	12	#Mid	16QAM	20.36	18.92
Band12	5	23155	12	#Max	16QAM	20.26	18.82
Band12	5	23155	25	#0	16QAM	20.31	18.87
Band13	10	23230	1	#0	QPSK	18.79	20.22
Band13	10	23230	1	#Mid	QPSK	20.23	21.66
Band13	10	23230	1	#Max	QPSK	19.96	21.39
Band13	10	23230	25	#0	QPSK	18.04	19.47
Band13	10	23230	25	#Mid	QPSK	19.05	20.48
Band13	10	23230	25	#Max	QPSK	19.53	20.96
Band13	10	23230	50	#0	QPSK	18.80	20.23
Band13	10	23230	1	#0	16QAM	18.05	19.48
Band13	10	23230	1	#Mid	16QAM	19.47	20.90
Band13	10	23230	1	#Max	16QAM	19.30	20.73
Band13	10	23230	25	#0	16QAM	17.03	18.46
Band13	10	23230	25	#Mid	16QAM	17.98	19.41
Band13	10	23230	25	#Max	16QAM	18.48	19.91
Band13	10	23230	27	#0	16QAM	17.14	18.57
Band14	10	23330	1	#0	QPSK	22.41	24.30
Band14	10	23330	1	#Mid	QPSK	22.42	24.31
Band14	10	23330	1	#Max	QPSK	22.37	24.26
Band14	10	23330	25	#0	QPSK	21.53	23.42

Band14	10	23330	25	#Mid	QPSK	21.32	23.21
Band14	10	23330	25	#Max	QPSK	21.16	23.05
Band14	10	23330	50	#0	QPSK	21.42	23.31
Band14	10	23330	1	#0	16QAM	21.84	23.73
Band14	10	23330	1	#Mid	16QAM	21.59	23.48
Band14	10	23330	1	#Max	16QAM	21.67	23.56
Band14	10	23330	25	#0	16QAM	20.43	22.32
Band14	10	23330	25	#Mid	16QAM	20.34	22.23
Band14	10	23330	25	#Max	16QAM	20.11	22.00
Band14	10	23330	27	#0	16QAM	20.49	22.38
Band25	5	26065	1	#0	QPSK	21.97	26.56
Band25	5	26065	1	#Mid	QPSK	22.06	26.65
Band25	5	26065	1	#Max	QPSK	22.18	26.77
Band25	5	26065	12	#0	QPSK	21.35	25.94
Band25	5	26065	12	#Mid	QPSK	21.62	26.21
Band25	5	26065	12	#Max	QPSK	21.40	25.99
Band25	5	26065	25	#0	QPSK	21.36	25.95
Band25	5	26065	1	#0	16QAM	21.26	25.85
Band25	5	26065	1	#Mid	16QAM	21.32	25.91
Band25	5	26065	1	#Max	16QAM	21.41	26.00
Band25	5	26065	12	#0	16QAM	20.30	24.89
Band25	5	26065	12	#Mid	16QAM	20.63	25.22
Band25	5	26065	12	#Max	16QAM	20.42	25.01
Band25	5	26065	25	#0	16QAM	20.33	24.92
Band25	5	26365	1	#0	QPSK	21.81	26.40
Band25	5	26365	1	#Mid	QPSK	21.76	26.35
Band25	5	26365	1	#Max	QPSK	21.77	26.36
Band25	5	26365	12	#0	QPSK	21.00	25.59
Band25	5	26365	12	#Mid	QPSK	21.22	25.81
Band25	5	26365	12	#Max	QPSK	21.05	25.64
Band25	5	26365	25	#0	QPSK	20.92	25.51
Band25	5	26365	1	#0	16QAM	21.09	25.68
Band25	5	26365	1	#Mid	16QAM	21.02	25.61
Band25	5	26365	1	#Max	16QAM	21.03	25.62
Band25	5	26365	12	#0	16QAM	20.02	24.61
Band25	5	26365	12	#Mid	16QAM	20.25	24.84
Band25	5	26365	12	#Max	16QAM	20.03	24.62
Band25	5	26365	25	#0	16QAM	20.01	24.60
Band25	5	26665	1	#0	QPSK	21.55	26.14
Band25	5	26665	1	#Mid	QPSK	21.80	26.39
Band25	5	26665	1	#Max	QPSK	21.79	26.38
Band25	5	26665	12	#0	QPSK	20.84	25.43
Band25	5	26665	12	#Mid	QPSK	21.25	25.84

Band25	5	26665	12	#Max	QPSK	21.06	25.65
Band25	5	26665	25	#0	QPSK	20.97	25.56
Band25	5	26665	1	#0	16QAM	20.74	25.33
Band25	5	26665	1	#Mid	16QAM	20.96	25.55
Band25	5	26665	1	#Max	16QAM	21.10	25.69
Band25	5	26665	12	#0	16QAM	19.88	24.47
Band25	5	26665	12	#Mid	16QAM	20.28	24.87
Band25	5	26665	12	#Max	16QAM	20.10	24.69
Band25	5	26665	25	#0	16QAM	19.98	24.57
Band25	10	26090	1	#0	QPSK	21.80	26.39
Band25	10	26090	1	#Mid	QPSK	22.26	26.85
Band25	10	26090	1	#Max	QPSK	22.10	26.69
Band25	10	26090	25	#0	QPSK	21.17	25.76
Band25	10	26090	25	#Mid	QPSK	21.29	25.88
Band25	10	26090	25	#Max	QPSK	21.25	25.84
Band25	10	26090	50	#0	QPSK	21.27	25.86
Band25	10	26090	1	#0	16QAM	21.11	25.70
Band25	10	26090	1	#Mid	16QAM	21.63	26.22
Band25	10	26090	1	#Max	16QAM	21.42	26.01
Band25	10	26090	25	#0	16QAM	20.18	24.77
Band25	10	26090	25	#Mid	16QAM	20.33	24.92
Band25	10	26090	25	#Max	16QAM	20.25	24.84
Band25	10	26090	27	#0	16QAM	20.18	24.77
Band25	10	26365	1	#0	QPSK	21.80	26.39
Band25	10	26365	1	#Mid	QPSK	21.90	26.49
Band25	10	26365	1	#Max	QPSK	21.74	26.33
Band25	10	26365	25	#0	QPSK	20.84	25.43
Band25	10	26365	25	#Mid	QPSK	20.87	25.46
Band25	10	26365	25	#Max	QPSK	20.84	25.43
Band25	10	26365	50	#0	QPSK	20.74	25.33
Band25	10	26365	1	#0	16QAM	21.06	25.65
Band25	10	26365	1	#Mid	16QAM	21.22	25.81
Band25	10	26365	1	#Max	16QAM	20.98	25.57
Band25	10	26365	25	#0	16QAM	19.89	24.48
Band25	10	26365	25	#Mid	16QAM	19.89	24.48
Band25	10	26365	25	#Max	16QAM	19.87	24.46
Band25	10	26365	27	#0	16QAM	19.90	24.49
Band25	10	26640	1	#0	QPSK	21.64	26.23
Band25	10	26640	1	#Mid	QPSK	21.64	26.23
Band25	10	26640	1	#Max	QPSK	21.70	26.29
Band25	10	26640	25	#0	QPSK	20.77	25.36
Band25	10	26640	25	#Mid	QPSK	20.77	25.36
Band25	10	26640	25	#Max	QPSK	20.86	25.45

Band25	10	26640	50	#0	QPSK	20.75	25.34
Band25	10	26640	1	#0	16QAM	20.87	25.46
Band25	10	26640	1	#Mid	16QAM	20.92	25.51
Band25	10	26640	1	#Max	16QAM	21.05	25.64
Band25	10	26640	25	#0	16QAM	19.79	24.38
Band25	10	26640	25	#Mid	16QAM	19.80	24.39
Band25	10	26640	25	#Max	16QAM	19.87	24.46
Band25	10	26640	27	#0	16QAM	19.82	24.41
Band25	20	26140	1	#0	QPSK	22.62	27.21
Band25	20	26140	1	#Mid	QPSK	22.33	26.92
Band25	20	26140	1	#Max	QPSK	21.93	26.52
Band25	20	26140	50	#0	QPSK	21.28	25.87
Band25	20	26140	50	#Mid	QPSK	21.28	25.87
Band25	20	26140	50	#Max	QPSK	21.34	25.93
Band25	20	26140	100	#0	QPSK	21.29	25.88
Band25	20	26140	1	#0	16QAM	22.02	26.61
Band25	20	26140	1	#Mid	16QAM	21.55	26.14
Band25	20	26140	1	#Max	16QAM	21.15	25.74
Band25	20	26140	27	#0	16QAM	20.25	24.84
Band25	20	26140	27	#Mid	16QAM	20.35	24.94
Band25	20	26140	27	#Max	16QAM	20.33	24.92
Band25	20	26365	1	#0	QPSK	22.49	27.08
Band25	20	26365	1	#Mid	QPSK	21.85	26.44
Band25	20	26365	1	#Max	QPSK	21.74	26.33
Band25	20	26365	50	#0	QPSK	20.86	25.45
Band25	20	26365	50	#Mid	QPSK	20.82	25.41
Band25	20	26365	50	#Max	QPSK	20.92	25.51
Band25	20	26365	100	#0	QPSK	20.73	25.32
Band25	20	26365	1	#0	16QAM	21.78	26.37
Band25	20	26365	1	#Mid	16QAM	21.21	25.80
Band25	20	26365	1	#Max	16QAM	20.99	25.58
Band25	20	26365	27	#0	16QAM	19.93	24.52
Band25	20	26365	27	#Mid	16QAM	19.92	24.51
Band25	20	26365	27	#Max	16QAM	19.90	24.49
Band25	20	26590	1	#0	QPSK	22.50	27.09
Band25	20	26590	1	#Mid	QPSK	21.72	26.31
Band25	20	26590	1	#Max	QPSK	21.55	26.14
Band25	20	26590	50	#0	QPSK	20.95	25.54
Band25	20	26590	50	#Mid	QPSK	20.65	25.24
Band25	20	26590	50	#Max	QPSK	20.82	25.41
Band25	20	26590	100	#0	QPSK	20.42	25.01
Band25	20	26590	1	#0	16QAM	21.92	26.51
Band25	20	26590	1	#Mid	16QAM	21.05	25.64

Band25	20	26590	1	#Max	16QAM	20.86	25.45
Band25	20	26590	27	#0	16QAM	19.99	24.58
Band25	20	26590	27	#Mid	16QAM	19.83	24.42
Band25	20	26590	27	#Max	16QAM	19.84	24.43
Band66	1.4	131979	1	#0	QPSK	22.50	25.78
Band66	1.4	131979	1	#Mid	QPSK	22.67	25.95
Band66	1.4	131979	1	#Max	QPSK	22.54	25.82
Band66	1.4	131979	3	#0	QPSK	22.58	25.86
Band66	1.4	131979	3	#Mid	QPSK	22.66	25.94
Band66	1.4	131979	3	#Max	QPSK	22.64	25.92
Band66	1.4	131979	6	#0	QPSK	21.55	24.83
Band66	1.4	131979	1	#0	16QAM	21.61	24.89
Band66	1.4	131979	1	#Mid	16QAM	21.85	25.13
Band66	1.4	131979	1	#Max	16QAM	21.64	24.92
Band66	1.4	131979	3	#0	16QAM	21.51	24.79
Band66	1.4	131979	3	#Mid	16QAM	21.58	24.86
Band66	1.4	131979	3	#Max	16QAM	21.59	24.87
Band66	1.4	131979	6	#0	16QAM	20.62	23.90
Band66	1.4	132322	1	#0	QPSK	22.66	25.94
Band66	1.4	132322	1	#Mid	QPSK	22.83	26.11
Band66	1.4	132322	1	#Max	QPSK	22.64	25.92
Band66	1.4	132322	3	#0	QPSK	22.72	26.00
Band66	1.4	132322	3	#Mid	QPSK	22.76	26.04
Band66	1.4	132322	3	#Max	QPSK	22.74	26.02
Band66	1.4	132322	6	#0	QPSK	21.80	25.08
Band66	1.4	132322	1	#0	16QAM	21.88	25.16
Band66	1.4	132322	1	#Mid	16QAM	22.01	25.29
Band66	1.4	132322	1	#Max	16QAM	21.90	25.18
Band66	1.4	132322	3	#0	16QAM	21.81	25.09
Band66	1.4	132322	3	#Mid	16QAM	21.85	25.13
Band66	1.4	132322	3	#Max	16QAM	21.78	25.06
Band66	1.4	132322	6	#0	16QAM	20.79	24.07
Band66	1.4	132665	1	#0	QPSK	22.62	25.90
Band66	1.4	132665	1	#Mid	QPSK	22.76	26.04
Band66	1.4	132665	1	#Max	QPSK	22.61	25.89
Band66	1.4	132665	3	#0	QPSK	22.72	26.00
Band66	1.4	132665	3	#Mid	QPSK	22.78	26.06
Band66	1.4	132665	3	#Max	QPSK	22.67	25.95
Band66	1.4	132665	6	#0	QPSK	21.72	25.00
Band66	1.4	132665	1	#0	16QAM	21.88	25.16
Band66	1.4	132665	1	#Mid	16QAM	21.96	25.24
Band66	1.4	132665	1	#Max	16QAM	21.78	25.06
Band66	1.4	132665	3	#0	16QAM	21.76	25.04

Band66	1.4	132665	3	#Mid	16QAM	21.80	25.08
Band66	1.4	132665	3	#Max	16QAM	21.72	25.00
Band66	1.4	132665	6	#0	16QAM	20.75	24.03
Band66	3	131987	1	#0	QPSK	22.03	25.31
Band66	3	131987	1	#Mid	QPSK	22.58	25.86
Band66	3	131987	1	#Max	QPSK	22.16	25.44
Band66	3	131987	8	#0	QPSK	21.42	24.70
Band66	3	131987	8	#Mid	QPSK	21.57	24.85
Band66	3	131987	8	#Max	QPSK	21.44	24.72
Band66	3	131987	15	#0	QPSK	21.42	24.70
Band66	3	131987	1	#0	16QAM	21.29	24.57
Band66	3	131987	1	#Mid	16QAM	21.74	25.02
Band66	3	131987	1	#Max	16QAM	21.34	24.62
Band66	3	131987	8	#0	16QAM	20.46	23.74
Band66	3	131987	8	#Mid	16QAM	20.59	23.87
Band66	3	131987	8	#Max	16QAM	20.50	23.78
Band66	3	131987	15	#0	16QAM	20.36	23.64
Band66	3	132322	1	#0	QPSK	22.21	25.49
Band66	3	132322	1	#Mid	QPSK	22.70	25.98
Band66	3	132322	1	#Max	QPSK	22.25	25.53
Band66	3	132322	8	#0	QPSK	21.62	24.90
Band66	3	132322	8	#Mid	QPSK	21.80	25.08
Band66	3	132322	8	#Max	QPSK	21.67	24.95
Band66	3	132322	15	#0	QPSK	21.58	24.86
Band66	3	132322	1	#0	16QAM	21.64	24.92
Band66	3	132322	1	#Mid	16QAM	22.09	25.37
Band66	3	132322	1	#Max	16QAM	21.51	24.79
Band66	3	132322	8	#0	16QAM	20.67	23.95
Band66	3	132322	8	#Mid	16QAM	20.77	24.05
Band66	3	132322	8	#Max	16QAM	20.60	23.88
Band66	3	132322	15	#0	16QAM	20.57	23.85
Band66	3	132657	1	#0	QPSK	22.28	25.56
Band66	3	132657	1	#Mid	QPSK	22.76	26.04
Band66	3	132657	1	#Max	QPSK	22.28	25.56
Band66	3	132657	8	#0	QPSK	21.68	24.96
Band66	3	132657	8	#Mid	QPSK	21.79	25.07
Band66	3	132657	8	#Max	QPSK	21.66	24.94
Band66	3	132657	15	#0	QPSK	21.61	24.89
Band66	3	132657	1	#0	16QAM	21.50	24.78
Band66	3	132657	1	#Mid	16QAM	22.01	25.29
Band66	3	132657	1	#Max	16QAM	21.57	24.85
Band66	3	132657	8	#0	16QAM	20.67	23.95
Band66	3	132657	8	#Mid	16QAM	20.80	24.08

Band66	3	132657	8	#Max	16QAM	20.63	23.91
Band66	3	132657	15	#0	16QAM	20.58	23.86
Band66	5	132647	25	#0	16QAM	20.84	24.12
Band66	10	132022	1	#0	QPSK	22.48	25.76
Band66	10	132022	1	#Mid	QPSK	22.72	26.00
Band66	10	132022	1	#Max	QPSK	22.71	25.99
Band66	10	132022	25	#0	QPSK	21.54	24.82
Band66	10	132022	25	#Mid	QPSK	21.57	24.85
Band66	10	132022	25	#Max	QPSK	21.74	25.02
Band66	10	132022	50	#0	QPSK	21.52	24.80
Band66	10	132022	1	#0	16QAM	21.56	24.84
Band66	10	132022	1	#Mid	16QAM	21.87	25.15
Band66	10	132022	1	#Max	16QAM	21.95	25.23
Band66	10	132022	25	#0	16QAM	20.56	23.84
Band66	10	132022	25	#Mid	16QAM	20.58	23.86
Band66	10	132022	25	#Max	16QAM	20.65	23.93
Band66	10	132022	27	#0	16QAM	20.55	23.83
Band66	10	132322	1	#0	QPSK	22.88	26.16
Band66	10	132322	1	#Mid	QPSK	22.84	26.12
Band66	10	132322	1	#Max	QPSK	22.46	25.74
Band66	10	132322	25	#0	QPSK	21.79	25.07
Band66	10	132322	25	#Mid	QPSK	21.82	25.10
Band66	10	132322	25	#Max	QPSK	21.73	25.01
Band66	10	132322	50	#0	QPSK	21.75	25.03
Band66	10	132322	1	#0	16QAM	22.06	25.34
Band66	10	132322	1	#Mid	16QAM	22.13	25.41
Band66	10	132322	1	#Max	16QAM	21.71	24.99
Band66	10	132322	25	#0	16QAM	20.79	24.07
Band66	10	132322	25	#Mid	16QAM	20.81	24.09
Band66	10	132322	25	#Max	16QAM	20.75	24.03
Band66	10	132322	27	#0	16QAM	20.83	24.11
Band66	10	132622	1	#0	QPSK	22.39	25.67
Band66	10	132622	1	#Mid	QPSK	22.78	26.06
Band66	10	132622	1	#Max	QPSK	22.53	25.81
Band66	10	132622	25	#0	QPSK	21.46	24.74
Band66	10	132622	25	#Mid	QPSK	21.70	24.98
Band66	10	132622	25	#Max	QPSK	21.79	25.07
Band66	10	132622	50	#0	QPSK	21.70	24.98
Band66	10	132622	1	#0	16QAM	21.68	24.96
Band66	10	132622	1	#Mid	16QAM	22.00	25.28
Band66	10	132622	1	#Max	16QAM	21.92	25.20
Band66	10	132622	25	#0	16QAM	20.57	23.85
Band66	10	132622	25	#Mid	16QAM	20.69	23.97

Band66	10	132622	25	#Max	16QAM	20.74	24.02
Band66	10	132622	27	#0	16QAM	20.59	23.87
Band66	15	132047	1	#0	QPSK	22.36	25.64
Band66	15	132047	1	#Mid	QPSK	22.82	26.10
Band66	15	132047	1	#Max	QPSK	22.44	25.72
Band66	15	132047	36	#0	QPSK	21.77	25.05
Band66	15	132047	36	#Mid	QPSK	21.89	25.17
Band66	15	132047	36	#Max	QPSK	21.98	25.26
Band66	15	132047	75	#0	QPSK	21.82	25.10
Band66	15	132047	1	#0	16QAM	20.68	23.96
Band66	15	132047	1	#Mid	16QAM	22.16	25.44
Band66	15	132047	1	#Max	16QAM	21.73	25.01
Band66	15	132047	27	#0	16QAM	20.58	23.86
Band66	15	132047	27	#Mid	16QAM	20.79	24.07
Band66	15	132047	27	#Max	16QAM	20.85	24.13
Band66	15	132322	1	#0	QPSK	22.68	25.96
Band66	15	132322	1	#Mid	QPSK	22.89	26.17
Band66	15	132322	1	#Max	QPSK	22.14	25.42
Band66	15	132322	36	#0	QPSK	21.90	25.18
Band66	15	132322	36	#Mid	QPSK	21.93	25.21
Band66	15	132322	36	#Max	QPSK	21.76	25.04
Band66	15	132322	75	#0	QPSK	21.81	25.09
Band66	15	132322	1	#0	16QAM	20.99	24.27
Band66	15	132322	1	#Mid	16QAM	22.07	25.35
Band66	15	132322	1	#Max	16QAM	20.74	24.02
Band66	15	132322	27	#0	16QAM	20.87	24.15
Band66	15	132322	27	#Mid	16QAM	20.90	24.18
Band66	15	132322	27	#Max	16QAM	20.66	23.94
Band66	15	132597	1	#0	QPSK	21.80	25.08
Band66	15	132597	1	#Mid	QPSK	22.80	26.08
Band66	15	132597	1	#Max	QPSK	22.01	25.29
Band66	15	132597	36	#0	QPSK	21.43	24.71
Band66	15	132597	36	#Mid	QPSK	21.74	25.02
Band66	15	132597	36	#Max	QPSK	21.84	25.12
Band66	15	132597	75	#0	QPSK	21.79	25.07
Band66	15	132597	1	#0	16QAM	21.00	24.28
Band66	15	132597	1	#Mid	16QAM	22.02	25.30
Band66	15	132597	1	#Max	16QAM	21.31	24.59
Band66	15	132597	27	#0	16QAM	20.34	23.62
Band66	15	132597	27	#Mid	16QAM	20.76	24.04
Band66	15	132597	27	#Max	16QAM	20.82	24.10
Band66	20	132072	1	#0	QPSK	22.41	25.69
Band66	20	132072	1	#Mid	QPSK	22.91	26.19

Band66	20	132072	1	#Max	QPSK	22.73	26.01
Band66	20	132072	50	#0	QPSK	21.67	24.95
Band66	20	132072	50	#Mid	QPSK	21.88	25.16
Band66	20	132072	50	#Max	QPSK	21.97	25.25
Band66	20	132072	100	#0	QPSK	21.90	25.18
Band66	20	132072	1	#0	16QAM	21.66	24.94
Band66	20	132072	1	#Mid	16QAM	22.24	25.52
Band66	20	132072	1	#Max	16QAM	22.07	25.35
Band66	20	132072	27	#0	16QAM	20.62	23.90
Band66	20	132072	27	#Mid	16QAM	20.80	24.08
Band66	20	132072	27	#Max	16QAM	20.89	24.17
Band66	20	132322	1	#0	QPSK	22.90	26.18
Band66	20	132322	1	#Mid	QPSK	22.93	26.21
Band66	20	132322	1	#Max	QPSK	22.03	25.31
Band66	20	132322	50	#0	QPSK	21.78	25.06
Band66	20	132322	50	#Mid	QPSK	21.72	25.00
Band66	20	132322	50	#Max	QPSK	21.49	24.77
Band66	20	132322	100	#0	QPSK	21.75	25.03
Band66	20	132322	1	#0	16QAM	21.74	25.02
Band66	20	132322	1	#Mid	16QAM	22.07	25.35
Band66	20	132322	1	#Max	16QAM	21.26	24.54
Band66	20	132322	27	#0	16QAM	20.87	24.15
Band66	20	132322	27	#Mid	16QAM	20.85	24.13
Band66	20	132322	27	#Max	16QAM	20.58	23.86
Band66	20	132572	1	#0	QPSK	22.05	25.33
Band66	20	132572	1	#Mid	QPSK	22.61	25.89
Band66	20	132572	1	#Max	QPSK	22.51	25.79
Band66	20	132572	50	#0	QPSK	21.30	24.58
Band66	20	132572	50	#Mid	QPSK	21.47	24.75
Band66	20	132572	50	#Max	QPSK	21.72	25.00
Band66	20	132572	100	#0	QPSK	21.64	24.92
Band66	20	132572	1	#0	16QAM	21.12	24.40
Band66	20	132572	1	#Mid	16QAM	21.93	25.21
Band66	20	132572	1	#Max	16QAM	21.82	25.10
Band66	20	132572	27	#0	16QAM	20.32	23.60
Band66	20	132572	27	#Mid	16QAM	20.53	23.81
Band66	20	132572	27	#Max	16QAM	20.79	24.07