

## Appendix A: Conducted Output Average Power

### Test Result

Band	Average Power (dBm)	EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
Band2	23.26	18607	1850.7	QPSK	1.4MHz	1	0
Band2	23.21	18607	1850.7	QPSK	1.4MHz	1	2
Band2	23.16	18607	1850.7	QPSK	1.4MHz	1	5
Band2	23.11	18607	1850.7	QPSK	1.4MHz	3	0
Band2	23.02	18607	1850.7	QPSK	1.4MHz	3	1
Band2	23.06	18607	1850.7	QPSK	1.4MHz	3	3
Band2	22.09	18607	1850.7	QPSK	1.4MHz	6	0
Band2	23.3	18900	1880	QPSK	1.4MHz	1	0
Band2	23.2	18900	1880	QPSK	1.4MHz	1	2
Band2	23.16	18900	1880	QPSK	1.4MHz	1	5
Band2	23.17	18900	1880	QPSK	1.4MHz	3	0
Band2	23.15	18900	1880	QPSK	1.4MHz	3	1
Band2	23.11	18900	1880	QPSK	1.4MHz	3	3
Band2	22.19	18900	1880	QPSK	1.4MHz	6	0
Band2	23.29	19193	1909.3	QPSK	1.4MHz	1	0
Band2	23.19	19193	1909.3	QPSK	1.4MHz	1	2
Band2	23.15	19193	1909.3	QPSK	1.4MHz	1	5
Band2	23.12	19193	1909.3	QPSK	1.4MHz	3	0
Band2	23.09	19193	1909.3	QPSK	1.4MHz	3	1
Band2	23.01	19193	1909.3	QPSK	1.4MHz	3	3
Band2	22.15	19193	1909.3	QPSK	1.4MHz	6	0
Band2	22.41	18607	1850.7	16QAM	1.4MHz	1	0
Band2	22.37	18607	1850.7	16QAM	1.4MHz	1	2
Band2	22.31	18607	1850.7	16QAM	1.4MHz	1	5
Band2	22.16	18607	1850.7	16QAM	1.4MHz	3	0
Band2	22.11	18607	1850.7	16QAM	1.4MHz	3	1
Band2	21.96	18607	1850.7	16QAM	1.4MHz	3	3
Band2	21.27	18607	1850.7	16QAM	1.4MHz	6	0
Band2	22.53	18900	1880	16QAM	1.4MHz	1	0
Band2	22.48	18900	1880	16QAM	1.4MHz	1	2
Band2	22.43	18900	1880	16QAM	1.4MHz	1	5
Band2	22.29	18900	1880	16QAM	1.4MHz	3	0
Band2	22.21	18900	1880	16QAM	1.4MHz	3	1
Band2	22.16	18900	1880	16QAM	1.4MHz	3	3
Band2	21.33	18900	1880	16QAM	1.4MHz	6	0
Band2	22.55	19193	1909.3	16QAM	1.4MHz	1	0
Band2	22.51	19193	1909.3	16QAM	1.4MHz	1	2

Band2	22.46	19193	1909.3	16QAM	1.4MHz	1	5
Band2	22.18	19193	1909.3	16QAM	1.4MHz	3	0
Band2	22.19	19193	1909.3	16QAM	1.4MHz	3	1
Band2	22.16	19193	1909.3	16QAM	1.4MHz	3	3
Band2	21.27	19193	1909.3	16QAM	1.4MHz	6	0
Band2	21.66	18607	1850.7	64QAM	1.4MHz	1	0
Band2	21.57	18607	1850.7	64QAM	1.4MHz	1	2
Band2	21.48	18607	1850.7	64QAM	1.4MHz	1	5
Band2	21.33	18607	1850.7	64QAM	1.4MHz	3	0
Band2	21.28	18607	1850.7	64QAM	1.4MHz	3	1
Band2	21.19	18607	1850.7	64QAM	1.4MHz	3	3
Band2	20.49	18607	1850.7	64QAM	1.4MHz	6	0
Band2	21.79	18900	1880	64QAM	1.4MHz	1	0
Band2	21.74	18900	1880	64QAM	1.4MHz	1	2
Band2	21.65	18900	1880	64QAM	1.4MHz	1	5
Band2	21.51	18900	1880	64QAM	1.4MHz	3	0
Band2	21.41	18900	1880	64QAM	1.4MHz	3	1
Band2	21.38	18900	1880	64QAM	1.4MHz	3	3
Band2	20.52	18900	1880	64QAM	1.4MHz	6	0
Band2	21.81	19193	1909.3	64QAM	1.4MHz	1	0
Band2	21.71	19193	1909.3	64QAM	1.4MHz	1	2
Band2	21.68	19193	1909.3	64QAM	1.4MHz	1	5
Band2	21.36	19193	1909.3	64QAM	1.4MHz	3	0
Band2	21.39	19193	1909.3	64QAM	1.4MHz	3	1
Band2	21.36	19193	1909.3	64QAM	1.4MHz	3	3
Band2	20.5	19193	1909.3	64QAM	1.4MHz	6	0
Band2	23.2	18615	1851.5	QPSK	3MHz	1	0
Band2	23.18	18615	1851.5	QPSK	3MHz	1	7
Band2	23.11	18615	1851.5	QPSK	3MHz	1	14
Band2	23.02	18615	1851.5	QPSK	3MHz	8	0
Band2	22.99	18615	1851.5	QPSK	3MHz	8	3
Band2	23	18615	1851.5	QPSK	3MHz	8	7
Band2	22.09	18615	1851.5	QPSK	3MHz	15	0
Band2	23.23	18900	1880	QPSK	3MHz	1	0
Band2	23.2	18900	1880	QPSK	3MHz	1	7
Band2	23.15	18900	1880	QPSK	3MHz	1	14
Band2	23.09	18900	1880	QPSK	3MHz	8	0
Band2	23.03	18900	1880	QPSK	3MHz	8	3
Band2	23.05	18900	1880	QPSK	3MHz	8	7
Band2	22.19	18900	1880	QPSK	3MHz	15	0
Band2	23.27	19185	1908.5	QPSK	3MHz	1	0
Band2	23.21	19185	1908.5	QPSK	3MHz	1	7
Band2	23.25	19185	1908.5	QPSK	3MHz	1	14
Band2	23.06	19185	1908.5	QPSK	3MHz	8	0

Band2	23.03	19185	1908.5	QPSK	3MHz	8	3
Band2	23.04	19185	1908.5	QPSK	3MHz	8	7
Band2	22.14	19185	1908.5	QPSK	3MHz	15	0
Band2	22.54	18615	1851.5	16QAM	3MHz	1	0
Band2	22.47	18615	1851.5	16QAM	3MHz	1	7
Band2	22.41	18615	1851.5	16QAM	3MHz	1	14
Band2	22.16	18615	1851.5	16QAM	3MHz	8	0
Band2	22.13	18615	1851.5	16QAM	3MHz	8	3
Band2	22.08	18615	1851.5	16QAM	3MHz	8	7
Band2	21.32	18615	1851.5	16QAM	3MHz	15	0
Band2	22.54	18900	1880	16QAM	3MHz	1	0
Band2	22.5	18900	1880	16QAM	3MHz	1	7
Band2	22.44	18900	1880	16QAM	3MHz	1	14
Band2	22.26	18900	1880	16QAM	3MHz	8	0
Band2	22.19	18900	1880	16QAM	3MHz	8	3
Band2	22.16	18900	1880	16QAM	3MHz	8	7
Band2	21.4	18900	1880	16QAM	3MHz	15	0
Band2	22.5	19185	1908.5	16QAM	3MHz	1	0
Band2	22.5	19185	1908.5	16QAM	3MHz	1	7
Band2	22.53	19185	1908.5	16QAM	3MHz	1	14
Band2	22.19	19185	1908.5	16QAM	3MHz	8	0
Band2	22.18	19185	1908.5	16QAM	3MHz	8	3
Band2	22.15	19185	1908.5	16QAM	3MHz	8	7
Band2	21.39	19185	1908.5	16QAM	3MHz	15	0
Band2	21.61	18615	1851.5	64QAM	3MHz	1	0
Band2	21.61	18615	1851.5	64QAM	3MHz	1	7
Band2	21.48	18615	1851.5	64QAM	3MHz	1	14
Band2	21.42	18615	1851.5	64QAM	3MHz	8	0
Band2	21.3	18615	1851.5	64QAM	3MHz	8	3
Band2	21.15	18615	1851.5	64QAM	3MHz	8	7
Band2	20.44	18615	1851.5	64QAM	3MHz	15	0
Band2	21.73	18900	1880	64QAM	3MHz	1	0
Band2	21.75	18900	1880	64QAM	3MHz	1	7
Band2	21.68	18900	1880	64QAM	3MHz	1	14
Band2	21.56	18900	1880	64QAM	3MHz	8	0
Band2	21.46	18900	1880	64QAM	3MHz	8	3
Band2	21.36	18900	1880	64QAM	3MHz	8	7
Band2	20.59	18900	1880	64QAM	3MHz	15	0
Band2	21.72	19185	1908.5	64QAM	3MHz	1	0
Band2	21.77	19185	1908.5	64QAM	3MHz	1	7
Band2	21.72	19185	1908.5	64QAM	3MHz	1	14
Band2	21.4	19185	1908.5	64QAM	3MHz	8	0
Band2	21.45	19185	1908.5	64QAM	3MHz	8	3
Band2	21.37	19185	1908.5	64QAM	3MHz	8	7

Band2	20.45	19185	1908.5	64QAM	3MHz	15	0
Band2	23.23	18625	1852.5	QPSK	5MHz	1	0
Band2	23.19	18625	1852.5	QPSK	5MHz	1	12
Band2	23.22	18625	1852.5	QPSK	5MHz	1	24
Band2	23.07	18625	1852.5	QPSK	5MHz	12	0
Band2	23.07	18625	1852.5	QPSK	5MHz	12	6
Band2	23.03	18625	1852.5	QPSK	5MHz	12	13
Band2	22.15	18625	1852.5	QPSK	5MHz	25	0
Band2	23.26	18900	1880	QPSK	5MHz	1	0
Band2	23.23	18900	1880	QPSK	5MHz	1	12
Band2	23.21	18900	1880	QPSK	5MHz	1	24
Band2	23.11	18900	1880	QPSK	5MHz	12	0
Band2	23.08	18900	1880	QPSK	5MHz	12	6
Band2	23.06	18900	1880	QPSK	5MHz	12	13
Band2	22.16	18900	1880	QPSK	5MHz	25	0
Band2	23.27	19175	1907.5	QPSK	5MHz	1	0
Band2	23.26	19175	1907.5	QPSK	5MHz	1	12
Band2	23.18	19175	1907.5	QPSK	5MHz	1	24
Band2	23.13	19175	1907.5	QPSK	5MHz	12	0
Band2	23.1	19175	1907.5	QPSK	5MHz	12	6
Band2	23.07	19175	1907.5	QPSK	5MHz	12	13
Band2	22.15	19175	1907.5	QPSK	5MHz	25	0
Band2	22.48	18625	1852.5	16QAM	5MHz	1	0
Band2	22.51	18625	1852.5	16QAM	5MHz	1	12
Band2	22.44	18625	1852.5	16QAM	5MHz	1	24
Band2	22.13	18625	1852.5	16QAM	5MHz	12	0
Band2	22.1	18625	1852.5	16QAM	5MHz	12	6
Band2	22.09	18625	1852.5	16QAM	5MHz	12	13
Band2	21.39	18625	1852.5	16QAM	5MHz	25	0
Band2	22.97	18900	1880	16QAM	5MHz	1	0
Band2	22.96	18900	1880	16QAM	5MHz	1	12
Band2	22.93	18900	1880	16QAM	5MHz	1	24
Band2	22.24	18900	1880	16QAM	5MHz	12	0
Band2	22.26	18900	1880	16QAM	5MHz	12	6
Band2	22.23	18900	1880	16QAM	5MHz	12	13
Band2	21.39	18900	1880	16QAM	5MHz	25	0
Band2	22.49	19175	1907.5	16QAM	5MHz	1	0
Band2	22.54	19175	1907.5	16QAM	5MHz	1	12
Band2	22.51	19175	1907.5	16QAM	5MHz	1	24
Band2	22.14	19175	1907.5	16QAM	5MHz	12	0
Band2	22.15	19175	1907.5	16QAM	5MHz	12	6
Band2	22.1	19175	1907.5	16QAM	5MHz	12	11
Band2	21.42	19175	1907.5	16QAM	5MHz	25	0
Band2	21.6	18625	1852.5	64QAM	5MHz	1	0

Band2	21.62	18625	1852.5	64QAM	5MHz	1	12
Band2	21.56	18625	1852.5	64QAM	5MHz	1	24
Band2	21.4	18625	1852.5	64QAM	5MHz	12	0
Band2	21.33	18625	1852.5	64QAM	5MHz	12	6
Band2	21.21	18625	1852.5	64QAM	5MHz	12	13
Band2	20.46	18625	1852.5	64QAM	5MHz	25	0
Band2	21.71	18900	1880	64QAM	5MHz	1	0
Band2	21.74	18900	1880	64QAM	5MHz	1	12
Band2	21.63	18900	1880	64QAM	5MHz	1	24
Band2	21.48	18900	1880	64QAM	5MHz	12	0
Band2	21.43	18900	1880	64QAM	5MHz	12	6
Band2	21.41	18900	1880	64QAM	5MHz	12	13
Band2	20.59	18900	1880	64QAM	5MHz	25	0
Band2	21.81	19175	1907.5	64QAM	5MHz	1	0
Band2	21.74	19175	1907.5	64QAM	5MHz	1	12
Band2	21.63	19175	1907.5	64QAM	5MHz	1	24
Band2	21.38	19175	1907.5	64QAM	5MHz	12	0
Band2	21.42	19175	1907.5	64QAM	5MHz	12	6
Band2	21.4	19175	1907.5	64QAM	5MHz	12	11
Band2	20.52	19175	1907.5	64QAM	5MHz	25	0
Band2	23.29	18650	1855	QPSK	10MHz	1	0
Band2	23.25	18650	1855	QPSK	10MHz	1	24
Band2	23.16	18650	1855	QPSK	10MHz	1	49
Band2	23.09	18650	1855	QPSK	10MHz	25	0
Band2	23.07	18650	1855	QPSK	10MHz	25	12
Band2	23.14	18650	1855	QPSK	10MHz	25	25
Band2	22.16	18650	1855	QPSK	10MHz	50	0
Band2	23.3	18900	1880	QPSK	10MHz	1	0
Band2	23.27	18900	1880	QPSK	10MHz	1	24
Band2	23.24	18900	1880	QPSK	10MHz	1	49
Band2	23.12	18900	1880	QPSK	10MHz	25	0
Band2	23.15	18900	1880	QPSK	10MHz	25	12
Band2	23.01	18900	1880	QPSK	10MHz	25	25
Band2	22.22	18900	1880	QPSK	10MHz	50	0
Band2	23.26	19150	1905	QPSK	10MHz	1	0
Band2	23.18	19150	1905	QPSK	10MHz	1	24
Band2	23.12	19150	1905	QPSK	10MHz	1	49
Band2	23.08	19150	1905	QPSK	10MHz	25	0
Band2	23.09	19150	1905	QPSK	10MHz	25	12
Band2	23.07	19150	1905	QPSK	10MHz	25	25
Band2	22.14	19150	1905	QPSK	10MHz	50	0
Band2	22.44	18650	1855	16QAM	10MHz	1	0
Band2	22.43	18650	1855	16QAM	10MHz	1	24
Band2	22.49	18650	1855	16QAM	10MHz	1	49

Band2	22.2	18650	1855	16QAM	10MHz	25	0
Band2	22.19	18650	1855	16QAM	10MHz	25	12
Band2	22.17	18650	1855	16QAM	10MHz	25	25
Band2	21.28	18650	1855	16QAM	10MHz	50	0
Band2	22.47	18900	1880	16QAM	10MHz	1	0
Band2	22.5	18900	1880	16QAM	10MHz	1	24
Band2	22.49	18900	1880	16QAM	10MHz	1	49
Band2	22.24	18900	1880	16QAM	10MHz	25	0
Band2	22.25	18900	1880	16QAM	10MHz	25	12
Band2	22.18	18900	1880	16QAM	10MHz	25	25
Band2	21.32	18900	1880	16QAM	10MHz	50	0
Band2	22.42	19150	1905	16QAM	10MHz	1	0
Band2	22.46	19150	1905	16QAM	10MHz	1	24
Band2	22.39	19150	1905	16QAM	10MHz	1	49
Band2	22.22	19150	1905	16QAM	10MHz	25	0
Band2	22.18	19150	1905	16QAM	10MHz	25	12
Band2	22.21	19150	1905	16QAM	10MHz	25	25
Band2	21.31	19150	1905	16QAM	10MHz	50	0
Band2	21.63	18650	1855	64QAM	10MHz	1	0
Band2	21.58	18650	1855	64QAM	10MHz	1	24
Band2	21.5	18650	1855	64QAM	10MHz	1	49
Band2	21.34	18650	1855	64QAM	10MHz	25	0
Band2	21.34	18650	1855	64QAM	10MHz	25	12
Band2	21.19	18650	1855	64QAM	10MHz	25	25
Band2	20.47	18650	1855	64QAM	10MHz	50	0
Band2	21.75	18900	1880	64QAM	10MHz	1	0
Band2	21.67	18900	1880	64QAM	10MHz	1	24
Band2	21.64	18900	1880	64QAM	10MHz	1	49
Band2	21.51	18900	1880	64QAM	10MHz	25	0
Band2	21.47	18900	1880	64QAM	10MHz	25	12
Band2	21.34	18900	1880	64QAM	10MHz	25	25
Band2	20.53	18900	1880	64QAM	10MHz	50	0
Band2	21.81	19150	1905	64QAM	10MHz	1	0
Band2	21.77	19150	1905	64QAM	10MHz	1	24
Band2	21.69	19150	1905	64QAM	10MHz	1	49
Band2	21.4	19150	1905	64QAM	10MHz	25	0
Band2	21.42	19150	1905	64QAM	10MHz	25	12
Band2	21.34	19150	1905	64QAM	10MHz	25	25
Band2	20.47	19150	1905	64QAM	10MHz	50	0
Band2	23.28	18675	1857.5	QPSK	15MHz	1	0
Band2	23.17	18675	1857.5	QPSK	15MHz	1	37
Band2	23.19	18675	1857.5	QPSK	15MHz	1	74
Band2	23.11	18675	1857.5	QPSK	15MHz	36	0
Band2	23.14	18675	1857.5	QPSK	15MHz	36	19

Band2	23.13	18675	1857.5	QPSK	15MHz	36	39
Band2	22.13	18675	1857.5	QPSK	15MHz	75	0
Band2	23.29	18900	1880	QPSK	15MHz	1	0
Band2	23.24	18900	1880	QPSK	15MHz	1	37
Band2	23.18	18900	1880	QPSK	15MHz	1	74
Band2	23.18	18900	1880	QPSK	15MHz	36	0
Band2	23.08	18900	1880	QPSK	15MHz	36	19
Band2	23.07	18900	1880	QPSK	15MHz	36	39
Band2	22.22	18900	1880	QPSK	15MHz	75	0
Band2	23.22	19125	1902.5	QPSK	15MHz	1	0
Band2	23.22	19125	1902.5	QPSK	15MHz	1	37
Band2	23.21	19125	1902.5	QPSK	15MHz	1	74
Band2	23.07	19125	1902.5	QPSK	15MHz	36	0
Band2	23.08	19125	1902.5	QPSK	15MHz	36	19
Band2	23.09	19125	1902.5	QPSK	15MHz	36	39
Band2	22.16	19125	1902.5	QPSK	15MHz	75	0
Band2	22.55	18675	1857.5	16QAM	15MHz	1	0
Band2	22.5	18675	1857.5	16QAM	15MHz	1	37
Band2	22.59	18675	1857.5	16QAM	15MHz	1	74
Band2	22.25	18675	1857.5	16QAM	15MHz	36	0
Band2	22.24	18675	1857.5	16QAM	15MHz	36	19
Band2	22.24	18675	1857.5	16QAM	15MHz	36	39
Band2	21.35	18675	1857.5	16QAM	15MHz	75	0
Band2	22.61	18900	1880	16QAM	15MHz	1	0
Band2	22.53	18900	1880	16QAM	15MHz	1	37
Band2	22.57	18900	1880	16QAM	15MHz	1	74
Band2	22.26	18900	1880	16QAM	15MHz	36	0
Band2	22.23	18900	1880	16QAM	15MHz	36	19
Band2	22.24	18900	1880	16QAM	15MHz	36	39
Band2	21.33	18900	1880	16QAM	15MHz	75	0
Band2	22.55	19125	1902.5	16QAM	15MHz	1	0
Band2	22.5	19125	1902.5	16QAM	15MHz	1	37
Band2	22.45	19125	1902.5	16QAM	15MHz	1	74
Band2	22.23	19125	1902.5	16QAM	15MHz	36	0
Band2	22.22	19125	1902.5	16QAM	15MHz	36	19
Band2	22.24	19125	1902.5	16QAM	15MHz	36	39
Band2	21.34	19125	1902.5	16QAM	15MHz	75	0
Band2	21.65	18675	1857.5	64QAM	15MHz	1	0
Band2	21.62	18675	1857.5	64QAM	15MHz	1	37
Band2	21.51	18675	1857.5	64QAM	15MHz	1	74
Band2	21.38	18675	1857.5	64QAM	15MHz	36	0
Band2	21.32	18675	1857.5	64QAM	15MHz	36	19
Band2	21.17	18675	1857.5	64QAM	15MHz	36	39
Band2	20.5	18675	1857.5	64QAM	15MHz	75	0

Band2	21.74	18900	1880	64QAM	15MHz	1	0
Band2	21.73	18900	1880	64QAM	15MHz	1	37
Band2	21.64	18900	1880	64QAM	15MHz	1	74
Band2	21.5	18900	1880	64QAM	15MHz	36	0
Band2	21.43	18900	1880	64QAM	15MHz	36	19
Band2	21.34	18900	1880	64QAM	15MHz	36	39
Band2	20.58	18900	1880	64QAM	15MHz	75	0
Band2	21.73	19125	1902.5	64QAM	15MHz	1	0
Band2	21.73	19125	1902.5	64QAM	15MHz	1	37
Band2	21.71	19125	1902.5	64QAM	15MHz	1	74
Band2	21.41	19125	1902.5	64QAM	15MHz	36	0
Band2	21.42	19125	1902.5	64QAM	15MHz	36	19
Band2	21.37	19125	1902.5	64QAM	15MHz	36	39
Band2	20.52	19125	1902.5	64QAM	15MHz	75	0
Band2	23.18	18700	1860	QPSK	20MHz	1	0
Band2	23.25	18700	1860	QPSK	20MHz	1	49
Band2	23.29	18700	1860	QPSK	20MHz	1	99
Band2	22.99	18700	1860	QPSK	20MHz	50	0
Band2	22.92	18700	1860	QPSK	20MHz	50	25
Band2	22.95	18700	1860	QPSK	20MHz	50	50
Band2	22.12	18700	1860	QPSK	20MHz	100	0
Band2	23.31	18900	1880	QPSK	20MHz	1	0
Band2	23.27	18900	1880	QPSK	20MHz	1	49
Band2	23.21	18900	1880	QPSK	20MHz	1	99
Band2	22.91	18900	1880	QPSK	20MHz	50	0
Band2	22.95	18900	1880	QPSK	20MHz	50	25
Band2	22.88	18900	1880	QPSK	20MHz	50	50
Band2	22.15	18900	1880	QPSK	20MHz	100	0
Band2	23.13	19100	1900	QPSK	20MHz	1	0
Band2	23.15	19100	1900	QPSK	20MHz	1	49
Band2	23.14	19100	1900	QPSK	20MHz	1	99
Band2	22.91	19100	1900	QPSK	20MHz	50	0
Band2	22.86	19100	1900	QPSK	20MHz	50	25
Band2	22.89	19100	1900	QPSK	20MHz	50	50
Band2	22.09	19100	1900	QPSK	20MHz	100	0
Band2	22.36	18700	1860	16QAM	20MHz	1	0
Band2	22.42	18700	1860	16QAM	20MHz	1	49
Band2	22.43	18700	1860	16QAM	20MHz	1	99
Band2	22.01	18700	1860	16QAM	20MHz	50	0
Band2	21.99	18700	1860	16QAM	20MHz	50	25
Band2	21.91	18700	1860	16QAM	20MHz	50	50
Band2	21.26	18700	1860	16QAM	20MHz	100	0
Band2	22.54	18900	1880	16QAM	20MHz	1	0
Band2	22.47	18900	1880	16QAM	20MHz	1	49

Band2	22.42	18900	1880	16QAM	20MHz	1	99
Band2	21.96	18900	1880	16QAM	20MHz	50	0
Band2	21.94	18900	1880	16QAM	20MHz	50	25
Band2	21.94	18900	1880	16QAM	20MHz	50	50
Band2	21.24	18900	1880	16QAM	20MHz	100	0
Band2	21.83	19100	1900	16QAM	20MHz	1	0
Band2	21.96	19100	1900	16QAM	20MHz	1	49
Band2	21.9	19100	1900	16QAM	20MHz	1	99
Band2	21.98	19100	1900	16QAM	20MHz	50	0
Band2	21.99	19100	1900	16QAM	20MHz	50	25
Band2	21.94	19100	1900	16QAM	20MHz	50	50
Band2	21.26	19100	1900	16QAM	20MHz	100	0
Band2	21.6	18700	1860	64QAM	20MHz	1	0
Band2	21.57	18700	1860	64QAM	20MHz	1	49
Band2	21.55	18700	1860	64QAM	20MHz	1	99
Band2	21.42	18700	1860	64QAM	20MHz	50	0
Band2	21.3	18700	1860	64QAM	20MHz	50	25
Band2	21.17	18700	1860	64QAM	20MHz	50	50
Band2	20.52	18700	1860	64QAM	20MHz	100	0
Band2	21.76	18900	1880	64QAM	20MHz	1	0
Band2	21.73	18900	1880	64QAM	20MHz	1	49
Band2	21.66	18900	1880	64QAM	20MHz	1	99
Band2	21.47	18900	1880	64QAM	20MHz	50	0
Band2	21.47	18900	1880	64QAM	20MHz	50	25
Band2	21.35	18900	1880	64QAM	20MHz	50	50
Band2	20.53	18900	1880	64QAM	20MHz	100	0
Band2	21.79	19100	1900	64QAM	20MHz	1	0
Band2	21.69	19100	1900	64QAM	20MHz	1	49
Band2	21.66	19100	1900	64QAM	20MHz	1	99
Band2	21.38	19100	1900	64QAM	20MHz	50	0
Band2	21.36	19100	1900	64QAM	20MHz	50	25
Band2	21.38	19100	1900	64QAM	20MHz	50	50
Band2	20.44	19100	1900	64QAM	20MHz	100	0
Band4	23.26	19957	1710.7	QPSK	1.4MHz	1	0
Band4	23.18	19957	1710.7	QPSK	1.4MHz	1	2
Band4	23.13	19957	1710.7	QPSK	1.4MHz	1	5
Band4	23.21	19957	1710.7	QPSK	1.4MHz	3	0
Band4	23.22	19957	1710.7	QPSK	1.4MHz	3	1
Band4	23.06	19957	1710.7	QPSK	1.4MHz	3	3
Band4	22.09	19957	1710.7	QPSK	1.4MHz	6	0
Band4	23.28	20175	1732.5	QPSK	1.4MHz	1	0
Band4	23.2	20175	1732.5	QPSK	1.4MHz	1	2
Band4	23.17	20175	1732.5	QPSK	1.4MHz	1	5
Band4	23.12	20175	1732.5	QPSK	1.4MHz	3	0

Band4	22.98	20175	1732.5	QPSK	1.4MHz	3	1
Band4	22.971	20175	1732.5	QPSK	1.4MHz	3	3
Band4	22.18	20175	1732.5	QPSK	1.4MHz	6	0
Band4	23.25	20393	1754.3	QPSK	1.4MHz	1	0
Band4	23.21	20393	1754.3	QPSK	1.4MHz	1	2
Band4	23.14	20393	1754.3	QPSK	1.4MHz	1	5
Band4	23.16	20393	1754.3	QPSK	1.4MHz	3	0
Band4	23.08	20393	1754.3	QPSK	1.4MHz	3	1
Band4	22.98	20393	1754.3	QPSK	1.4MHz	3	3
Band4	22.22	20393	1754.3	QPSK	1.4MHz	6	0
Band4	22.47	19957	1710.7	16QAM	1.4MHz	1	0
Band4	22.54	19957	1710.7	16QAM	1.4MHz	1	2
Band4	22.43	19957	1710.7	16QAM	1.4MHz	1	5
Band4	22.35	19957	1710.7	16QAM	1.4MHz	3	0
Band4	22.38	19957	1710.7	16QAM	1.4MHz	3	1
Band4	22.35	19957	1710.7	16QAM	1.4MHz	3	3
Band4	21.33	19957	1710.7	16QAM	1.4MHz	6	0
Band4	22.52	20175	1732.5	16QAM	1.4MHz	1	0
Band4	22.63	20175	1732.5	16QAM	1.4MHz	1	2
Band4	22.57	20175	1732.5	16QAM	1.4MHz	1	5
Band4	22.43	20175	1732.5	16QAM	1.4MHz	3	0
Band4	22.46	20175	1732.5	16QAM	1.4MHz	3	1
Band4	22.46	20175	1732.5	16QAM	1.4MHz	3	3
Band4	21.37	20175	1732.5	16QAM	1.4MHz	6	0
Band4	22.61	20393	1754.3	16QAM	1.4MHz	1	0
Band4	22.65	20393	1754.3	16QAM	1.4MHz	1	2
Band4	22.56	20393	1754.3	16QAM	1.4MHz	1	5
Band4	22.42	20393	1754.3	16QAM	1.4MHz	3	0
Band4	22.47	20393	1754.3	16QAM	1.4MHz	3	1
Band4	22.44	20393	1754.3	16QAM	1.4MHz	3	3
Band4	21.38	20393	1754.3	16QAM	1.4MHz	6	0
Band4	21.61	19957	1710.7	64QAM	1.4MHz	1	0
Band4	21.69	19957	1710.7	64QAM	1.4MHz	1	2
Band4	21.57	19957	1710.7	64QAM	1.4MHz	1	5
Band4	21.57	19957	1710.7	64QAM	1.4MHz	3	0
Band4	21.57	19957	1710.7	64QAM	1.4MHz	3	1
Band4	21.46	19957	1710.7	64QAM	1.4MHz	3	3
Band4	20.53	19957	1710.7	64QAM	1.4MHz	6	0
Band4	21.61	20175	1732.5	64QAM	1.4MHz	1	0
Band4	21.79	20175	1732.5	64QAM	1.4MHz	1	2
Band4	21.78	20175	1732.5	64QAM	1.4MHz	1	5
Band4	21.66	20175	1732.5	64QAM	1.4MHz	3	0
Band4	21.6	20175	1732.5	64QAM	1.4MHz	3	1
Band4	21.66	20175	1732.5	64QAM	1.4MHz	3	3

Band4	20.44	20175	1732.5	64QAM	1.4MHz	6	0
Band4	21.81	20393	1754.3	64QAM	1.4MHz	1	0
Band4	21.81	20393	1754.3	64QAM	1.4MHz	1	2
Band4	21.72	20393	1754.3	64QAM	1.4MHz	1	5
Band4	21.56	20393	1754.3	64QAM	1.4MHz	3	0
Band4	21.63	20393	1754.3	64QAM	1.4MHz	3	1
Band4	21.65	20393	1754.3	64QAM	1.4MHz	3	3
Band4	20.59	20393	1754.3	64QAM	1.4MHz	6	0
Band4	23.24	19965	1711.5	QPSK	3MHz	1	0
Band4	23.18	19965	1711.5	QPSK	3MHz	1	7
Band4	23.19	19965	1711.5	QPSK	3MHz	1	14
Band4	23.02	19965	1711.5	QPSK	3MHz	8	0
Band4	23.02	19965	1711.5	QPSK	3MHz	8	3
Band4	23.03	19965	1711.5	QPSK	3MHz	8	7
Band4	22.12	19965	1711.5	QPSK	3MHz	15	0
Band4	23.25	20175	1732.5	QPSK	3MHz	1	0
Band4	23.19	20175	1732.5	QPSK	3MHz	1	7
Band4	23.16	20175	1732.5	QPSK	3MHz	1	14
Band4	23.09	20175	1732.5	QPSK	3MHz	8	0
Band4	23.08	20175	1732.5	QPSK	3MHz	8	3
Band4	23.11	20175	1732.5	QPSK	3MHz	8	7
Band4	22.23	20175	1732.5	QPSK	3MHz	15	0
Band4	23.26	20385	1753.5	QPSK	3MHz	1	0
Band4	23.24	20385	1753.5	QPSK	3MHz	1	7
Band4	23.12	20385	1753.5	QPSK	3MHz	1	14
Band4	23.08	20385	1753.5	QPSK	3MHz	8	0
Band4	23.05	20385	1753.5	QPSK	3MHz	8	3
Band4	23.01	20385	1753.5	QPSK	3MHz	8	7
Band4	22.21	20385	1753.5	QPSK	3MHz	15	0
Band4	22.48	19965	1711.5	16QAM	3MHz	1	0
Band4	22.51	19965	1711.5	16QAM	3MHz	1	7
Band4	22.45	19965	1711.5	16QAM	3MHz	1	14
Band4	22.18	19965	1711.5	16QAM	3MHz	8	0
Band4	22.19	19965	1711.5	16QAM	3MHz	8	3
Band4	22.12	19965	1711.5	16QAM	3MHz	8	7
Band4	21.25	19965	1711.5	16QAM	3MHz	15	0
Band4	22.03	20175	1732.5	16QAM	3MHz	1	0
Band4	22.03	20175	1732.5	16QAM	3MHz	1	7
Band4	22	20175	1732.5	16QAM	3MHz	1	14
Band4	22.28	20175	1732.5	16QAM	3MHz	8	0
Band4	22.23	20175	1732.5	16QAM	3MHz	8	3
Band4	22.21	20175	1732.5	16QAM	3MHz	8	7
Band4	21.43	20175	1732.5	16QAM	3MHz	15	0
Band4	22.48	20385	1753.5	16QAM	3MHz	1	0

Band4	22.61	20385	1753.5	16QAM	3MHz	1	7
Band4	22.56	20385	1753.5	16QAM	3MHz	1	14
Band4	22.24	20385	1753.5	16QAM	3MHz	8	0
Band4	22.26	20385	1753.5	16QAM	3MHz	8	3
Band4	22.22	20385	1753.5	16QAM	3MHz	8	7
Band4	21.29	20385	1753.5	16QAM	3MHz	15	0
Band4	21.62	19965	1711.5	64QAM	3MHz	1	0
Band4	21.68	19965	1711.5	64QAM	3MHz	1	7
Band4	21.52	19965	1711.5	64QAM	3MHz	1	14
Band4	21.57	19965	1711.5	64QAM	3MHz	8	0
Band4	21.63	19965	1711.5	64QAM	3MHz	8	3
Band4	21.52	19965	1711.5	64QAM	3MHz	8	7
Band4	20.56	19965	1711.5	64QAM	3MHz	15	0
Band4	21.68	20175	1732.5	64QAM	3MHz	1	0
Band4	21.77	20175	1732.5	64QAM	3MHz	1	7
Band4	21.77	20175	1732.5	64QAM	3MHz	1	14
Band4	21.59	20175	1732.5	64QAM	3MHz	8	0
Band4	21.68	20175	1732.5	64QAM	3MHz	8	3
Band4	21.62	20175	1732.5	64QAM	3MHz	8	7
Band4	20.54	20175	1732.5	64QAM	3MHz	15	0
Band4	21.79	20385	1753.5	64QAM	3MHz	1	0
Band4	21.81	20385	1753.5	64QAM	3MHz	1	7
Band4	21.63	20385	1753.5	64QAM	3MHz	1	14
Band4	21.56	20385	1753.5	64QAM	3MHz	8	0
Band4	21.67	20385	1753.5	64QAM	3MHz	8	3
Band4	21.6	20385	1753.5	64QAM	3MHz	8	7
Band4	20.58	20385	1753.5	64QAM	3MHz	15	0
Band4	23.22	19975	1712.5	QPSK	5MHz	1	0
Band4	23.19	19975	1712.5	QPSK	5MHz	1	12
Band4	23.17	19975	1712.5	QPSK	5MHz	1	24
Band4	23.08	19975	1712.5	QPSK	5MHz	12	0
Band4	23.06	19975	1712.5	QPSK	5MHz	12	6
Band4	23.03	19975	1712.5	QPSK	5MHz	12	13
Band4	22.11	19975	1712.5	QPSK	5MHz	25	0
Band4	23.23	20175	1732.5	QPSK	5MHz	1	0
Band4	23.19	20175	1732.5	QPSK	5MHz	1	12
Band4	23.17	20175	1732.5	QPSK	5MHz	1	24
Band4	23.14	20175	1732.5	QPSK	5MHz	12	0
Band4	23.1	20175	1732.5	QPSK	5MHz	12	6
Band4	23.11	20175	1732.5	QPSK	5MHz	12	13
Band4	22.18	20175	1732.5	QPSK	5MHz	25	0
Band4	23.25	20375	1752.5	QPSK	5MHz	1	0
Band4	23.23	20375	1752.5	QPSK	5MHz	1	12
Band4	23.21	20375	1752.5	QPSK	5MHz	1	24

Band4	23.18	20375	1752.5	QPSK	5MHz	12	0
Band4	23.12	20375	1752.5	QPSK	5MHz	12	6
Band4	23.14	20375	1752.5	QPSK	5MHz	12	13
Band4	22.21	20375	1752.5	QPSK	5MHz	25	0
Band4	22.41	19975	1712.5	16QAM	5MHz	1	0
Band4	22.46	19975	1712.5	16QAM	5MHz	1	12
Band4	22.43	19975	1712.5	16QAM	5MHz	1	24
Band4	22.33	19975	1712.5	16QAM	5MHz	12	0
Band4	22.28	19975	1712.5	16QAM	5MHz	12	6
Band4	22.22	19975	1712.5	16QAM	5MHz	12	13
Band4	21.33	19975	1712.5	16QAM	5MHz	25	0
Band4	22.07	20175	1732.5	16QAM	5MHz	1	0
Band4	22.06	20175	1732.5	16QAM	5MHz	1	12
Band4	22.04	20175	1732.5	16QAM	5MHz	1	24
Band4	22.24	20175	1732.5	16QAM	5MHz	12	0
Band4	22.25	20175	1732.5	16QAM	5MHz	12	6
Band4	22.22	20175	1732.5	16QAM	5MHz	12	13
Band4	21.47	20175	1732.5	16QAM	5MHz	25	0
Band4	22.12	20375	1752.5	16QAM	5MHz	1	0
Band4	22.11	20375	1752.5	16QAM	5MHz	1	12
Band4	22.1	20375	1752.5	16QAM	5MHz	1	24
Band4	22.31	20375	1752.5	16QAM	5MHz	12	0
Band4	22.3	20375	1752.5	16QAM	5MHz	12	6
Band4	22.25	20375	1752.5	16QAM	5MHz	12	11
Band4	21.49	20375	1752.5	16QAM	5MHz	25	0
Band4	21.61	19975	1712.5	64QAM	5MHz	1	0
Band4	21.66	19975	1712.5	64QAM	5MHz	1	12
Band4	21.57	19975	1712.5	64QAM	5MHz	1	24
Band4	21.53	19975	1712.5	64QAM	5MHz	12	0
Band4	21.62	19975	1712.5	64QAM	5MHz	12	6
Band4	21.46	19975	1712.5	64QAM	5MHz	12	13
Band4	20.49	19975	1712.5	64QAM	5MHz	25	0
Band4	21.7	20175	1732.5	64QAM	5MHz	1	0
Band4	21.74	20175	1732.5	64QAM	5MHz	1	12
Band4	21.79	20175	1732.5	64QAM	5MHz	1	24
Band4	21.6	20175	1732.5	64QAM	5MHz	12	0
Band4	21.62	20175	1732.5	64QAM	5MHz	12	6
Band4	21.6	20175	1732.5	64QAM	5MHz	12	13
Band4	20.49	20175	1732.5	64QAM	5MHz	25	0
Band4	21.85	20375	1752.5	64QAM	5MHz	1	0
Band4	21.9	20375	1752.5	64QAM	5MHz	1	12
Band4	21.67	20375	1752.5	64QAM	5MHz	1	24
Band4	21.6	20375	1752.5	64QAM	5MHz	12	0
Band4	21.64	20375	1752.5	64QAM	5MHz	12	6

Band4	21.61	20375	1752.5	64QAM	5MHz	12	11
Band4	20.6	20375	1752.5	64QAM	5MHz	25	0
Band4	23.21	20000	1715	QPSK	10MHz	1	0
Band4	23.18	20000	1715	QPSK	10MHz	1	24
Band4	23.12	20000	1715	QPSK	10MHz	1	49
Band4	23.09	20000	1715	QPSK	10MHz	25	0
Band4	23.06	20000	1715	QPSK	10MHz	25	12
Band4	23.06	20000	1715	QPSK	10MHz	25	25
Band4	22.14	20000	1715	QPSK	10MHz	50	0
Band4	23.23	20175	1732.5	QPSK	10MHz	1	0
Band4	23.16	20175	1732.5	QPSK	10MHz	1	24
Band4	23.17	20175	1732.5	QPSK	10MHz	1	49
Band4	23.14	20175	1732.5	QPSK	10MHz	25	0
Band4	23.13	20175	1732.5	QPSK	10MHz	25	12
Band4	23.07	20175	1732.5	QPSK	10MHz	25	25
Band4	22.19	20175	1732.5	QPSK	10MHz	50	0
Band4	23.27	20350	1750	QPSK	10MHz	1	0
Band4	23.23	20350	1750	QPSK	10MHz	1	24
Band4	23.16	20350	1750	QPSK	10MHz	1	49
Band4	23.13	20350	1750	QPSK	10MHz	25	0
Band4	23.16	20350	1750	QPSK	10MHz	25	12
Band4	23.1	20350	1750	QPSK	10MHz	25	25
Band4	22.2	20350	1750	QPSK	10MHz	50	0
Band4	22.5	20000	1715	16QAM	10MHz	1	0
Band4	22.52	20000	1715	16QAM	10MHz	1	24
Band4	22.52	20000	1715	16QAM	10MHz	1	49
Band4	22.28	20000	1715	16QAM	10MHz	25	0
Band4	22.29	20000	1715	16QAM	10MHz	25	12
Band4	22.24	20000	1715	16QAM	10MHz	25	25
Band4	21.25	20000	1715	16QAM	10MHz	50	0
Band4	22.07	20175	1732.5	16QAM	10MHz	1	0
Band4	22.16	20175	1732.5	16QAM	10MHz	1	24
Band4	22.03	20175	1732.5	16QAM	10MHz	1	49
Band4	22.42	20175	1732.5	16QAM	10MHz	25	0
Band4	22.42	20175	1732.5	16QAM	10MHz	25	12
Band4	22.33	20175	1732.5	16QAM	10MHz	25	25
Band4	21.44	20175	1732.5	16QAM	10MHz	50	0
Band4	22.51	20350	1750	16QAM	10MHz	1	0
Band4	22.6	20350	1750	16QAM	10MHz	1	24
Band4	22.55	20350	1750	16QAM	10MHz	1	49
Band4	22.37	20350	1750	16QAM	10MHz	25	0
Band4	22.34	20350	1750	16QAM	10MHz	25	12
Band4	22.36	20350	1750	16QAM	10MHz	25	25
Band4	21.36	20350	1750	16QAM	10MHz	50	0

Band4	21.65	20000	1715	64QAM	10MHz	1	0
Band4	21.66	20000	1715	64QAM	10MHz	1	24
Band4	21.53	20000	1715	64QAM	10MHz	1	49
Band4	21.53	20000	1715	64QAM	10MHz	25	0
Band4	21.6	20000	1715	64QAM	10MHz	25	12
Band4	21.54	20000	1715	64QAM	10MHz	25	25
Band4	20.56	20000	1715	64QAM	10MHz	50	0
Band4	21.65	20175	1732.5	64QAM	10MHz	1	0
Band4	21.77	20175	1732.5	64QAM	10MHz	1	24
Band4	21.74	20175	1732.5	64QAM	10MHz	1	49
Band4	21.63	20175	1732.5	64QAM	10MHz	25	0
Band4	21.65	20175	1732.5	64QAM	10MHz	25	12
Band4	21.62	20175	1732.5	64QAM	10MHz	25	25
Band4	20.46	20175	1732.5	64QAM	10MHz	50	0
Band4	21.86	20350	1750	64QAM	10MHz	1	0
Band4	21.82	20350	1750	64QAM	10MHz	1	24
Band4	21.71	20350	1750	64QAM	10MHz	1	49
Band4	21.6	20350	1750	64QAM	10MHz	25	0
Band4	21.63	20350	1750	64QAM	10MHz	25	12
Band4	21.6	20350	1750	64QAM	10MHz	25	25
Band4	20.62	20350	1750	64QAM	10MHz	50	0
Band4	23.29	20025	1717.5	QPSK	15MHz	1	0
Band4	23.22	20025	1717.5	QPSK	15MHz	1	37
Band4	23.21	20025	1717.5	QPSK	15MHz	1	74
Band4	23.08	20025	1717.5	QPSK	15MHz	36	0
Band4	23.11	20025	1717.5	QPSK	15MHz	36	19
Band4	23.03	20025	1717.5	QPSK	15MHz	36	39
Band4	22.19	20025	1717.5	QPSK	15MHz	75	0
Band4	23.27	20175	1732.5	QPSK	15MHz	1	0
Band4	23.25	20175	1732.5	QPSK	15MHz	1	37
Band4	23.2	20175	1732.5	QPSK	15MHz	1	74
Band4	23.1	20175	1732.5	QPSK	15MHz	36	0
Band4	23.13	20175	1732.5	QPSK	15MHz	36	19
Band4	23.09	20175	1732.5	QPSK	15MHz	36	39
Band4	22.23	20175	1732.5	QPSK	15MHz	75	0
Band4	23.31	20325	1747.5	QPSK	15MHz	1	0
Band4	23.26	20325	1747.5	QPSK	15MHz	1	37
Band4	23.26	20325	1747.5	QPSK	15MHz	1	74
Band4	23.15	20325	1747.5	QPSK	15MHz	36	0
Band4	23.14	20325	1747.5	QPSK	15MHz	36	19
Band4	23.17	20325	1747.5	QPSK	15MHz	36	39
Band4	22.22	20325	1747.5	QPSK	15MHz	75	0
Band4	22.51	20025	1717.5	16QAM	15MHz	1	0
Band4	22.54	20025	1717.5	16QAM	15MHz	1	37

Band4	22.53	20025	1717.5	16QAM	15MHz	1	74
Band4	22.18	20025	1717.5	16QAM	15MHz	36	0
Band4	22.16	20025	1717.5	16QAM	15MHz	36	19
Band4	22.22	20025	1717.5	16QAM	15MHz	36	39
Band4	21.3	20025	1717.5	16QAM	15MHz	75	0
Band4	22.09	20175	1732.5	16QAM	15MHz	1	0
Band4	22.1	20175	1732.5	16QAM	15MHz	1	37
Band4	22.09	20175	1732.5	16QAM	15MHz	1	74
Band4	22.39	20175	1732.5	16QAM	15MHz	36	0
Band4	22.39	20175	1732.5	16QAM	15MHz	36	19
Band4	22.33	20175	1732.5	16QAM	15MHz	36	39
Band4	21.39	20175	1732.5	16QAM	15MHz	75	0
Band4	22.63	20325	1747.5	16QAM	15MHz	1	0
Band4	22.56	20325	1747.5	16QAM	15MHz	1	37
Band4	22.53	20325	1747.5	16QAM	15MHz	1	74
Band4	22.31	20325	1747.5	16QAM	15MHz	36	0
Band4	22.24	20325	1747.5	16QAM	15MHz	36	19
Band4	22.28	20325	1747.5	16QAM	15MHz	36	39
Band4	21.37	20325	1747.5	16QAM	15MHz	75	0
Band4	21.67	20025	1717.5	64QAM	15MHz	1	0
Band4	21.72	20025	1717.5	64QAM	15MHz	1	37
Band4	21.57	20025	1717.5	64QAM	15MHz	1	74
Band4	21.57	20025	1717.5	64QAM	15MHz	36	0
Band4	21.62	20025	1717.5	64QAM	15MHz	36	19
Band4	21.51	20025	1717.5	64QAM	15MHz	36	39
Band4	20.52	20025	1717.5	64QAM	15MHz	75	0
Band4	21.64	20175	1732.5	64QAM	15MHz	1	0
Band4	21.77	20175	1732.5	64QAM	15MHz	1	37
Band4	21.77	20175	1732.5	64QAM	15MHz	1	74
Band4	21.65	20175	1732.5	64QAM	15MHz	36	0
Band4	21.63	20175	1732.5	64QAM	15MHz	36	19
Band4	21.65	20175	1732.5	64QAM	15MHz	36	39
Band4	20.45	20175	1732.5	64QAM	15MHz	75	0
Band4	21.81	20325	1747.5	64QAM	15MHz	1	0
Band4	21.85	20325	1747.5	64QAM	15MHz	1	37
Band4	21.66	20325	1747.5	64QAM	15MHz	1	74
Band4	21.62	20325	1747.5	64QAM	15MHz	36	0
Band4	21.7	20325	1747.5	64QAM	15MHz	36	19
Band4	21.62	20325	1747.5	64QAM	15MHz	36	39
Band4	20.6	20325	1747.5	64QAM	15MHz	75	0
Band4	23.28	20050	1720	QPSK	20MHz	1	0
Band4	23.22	20050	1720	QPSK	20MHz	1	49
Band4	23.17	20050	1720	QPSK	20MHz	1	99
Band4	23.12	20050	1720	QPSK	20MHz	50	0

Band4	23.1	20050	1720	QPSK	20MHz	50	25
Band4	23.04	20050	1720	QPSK	20MHz	50	50
Band4	22.19	20050	1720	QPSK	20MHz	100	0
Band4	23.3	20175	1732.5	QPSK	20MHz	1	0
Band4	23.24	20175	1732.5	QPSK	20MHz	1	49
Band4	23.2	20175	1732.5	QPSK	20MHz	1	99
Band4	23.11	20175	1732.5	QPSK	20MHz	50	0
Band4	23.1	20175	1732.5	QPSK	20MHz	50	25
Band4	23.12	20175	1732.5	QPSK	20MHz	50	50
Band4	22.24	20175	1732.5	QPSK	20MHz	100	0
Band4	23.33	20300	1745	QPSK	20MHz	1	0
Band4	23.29	20300	1745	QPSK	20MHz	1	49
Band4	23.29	20300	1745	QPSK	20MHz	1	99
Band4	23.15	20300	1745	QPSK	20MHz	50	0
Band4	23.11	20300	1745	QPSK	20MHz	50	25
Band4	23.15	20300	1745	QPSK	20MHz	50	50
Band4	22.26	20300	1745	QPSK	20MHz	100	0
Band4	22.01	20050	1720	16QAM	20MHz	1	0
Band4	22.04	20050	1720	16QAM	20MHz	1	49
Band4	22.03	20050	1720	16QAM	20MHz	1	99
Band4	22.28	20050	1720	16QAM	20MHz	50	0
Band4	22.29	20050	1720	16QAM	20MHz	50	25
Band4	22.24	20050	1720	16QAM	20MHz	50	50
Band4	21.34	20050	1720	16QAM	20MHz	100	0
Band4	22.74	20175	1732.5	16QAM	20MHz	1	0
Band4	22.61	20175	1732.5	16QAM	20MHz	1	49
Band4	22.55	20175	1732.5	16QAM	20MHz	1	99
Band4	22.26	20175	1732.5	16QAM	20MHz	50	0
Band4	22.29	20175	1732.5	16QAM	20MHz	50	25
Band4	22.18	20175	1732.5	16QAM	20MHz	50	50
Band4	21.39	20175	1732.5	16QAM	20MHz	100	0
Band4	22.65	20300	1745	16QAM	20MHz	1	0
Band4	22.61	20300	1745	16QAM	20MHz	1	49
Band4	22.58	20300	1745	16QAM	20MHz	1	99
Band4	22.27	20300	1745	16QAM	20MHz	50	0
Band4	22.22	20300	1745	16QAM	20MHz	50	25
Band4	22.19	20300	1745	16QAM	20MHz	50	50
Band4	21.36	20300	1745	16QAM	20MHz	100	0
Band4	21.71	20050	1720	64QAM	20MHz	1	0
Band4	21.63	20050	1720	64QAM	20MHz	1	49
Band4	21.57	20050	1720	64QAM	20MHz	1	99
Band4	21.58	20050	1720	64QAM	20MHz	50	0
Band4	21.62	20050	1720	64QAM	20MHz	50	25
Band4	21.51	20050	1720	64QAM	20MHz	50	50

Band4	20.54	20050	1720	64QAM	20MHz	100	0
Band4	21.8	20175	1732.5	64QAM	20MHz	1	0
Band4	21.76	20175	1732.5	64QAM	20MHz	1	49
Band4	21.65	20175	1732.5	64QAM	20MHz	1	99
Band4	21.63	20175	1732.5	64QAM	20MHz	50	0
Band4	21.63	20175	1732.5	64QAM	20MHz	50	25
Band4	21.65	20175	1732.5	64QAM	20MHz	50	50
Band4	20.44	20175	1732.5	64QAM	20MHz	100	0
Band4	21.82	20300	1745	64QAM	20MHz	1	0
Band4	21.72	20300	1745	64QAM	20MHz	1	49
Band4	21.64	20300	1745	64QAM	20MHz	1	99
Band4	21.6	20300	1745	64QAM	20MHz	50	0
Band4	21.68	20300	1745	64QAM	20MHz	50	25
Band4	21.65	20300	1745	64QAM	20MHz	50	50
Band4	20.64	20300	1745	64QAM	20MHz	100	0
Band5	23.2	20407	824.7	QPSK	1.4MHz	1	0
Band5	23.15	20407	824.7	QPSK	1.4MHz	1	2
Band5	23.03	20407	824.7	QPSK	1.4MHz	1	5
Band5	22.97	20407	824.7	QPSK	1.4MHz	3	0
Band5	22.89	20407	824.7	QPSK	1.4MHz	3	1
Band5	22.73	20407	824.7	QPSK	1.4MHz	3	3
Band5	22.25	20407	824.7	QPSK	1.4MHz	6	0
Band5	23.18	20525	836.5	QPSK	1.4MHz	1	0
Band5	23.14	20525	836.5	QPSK	1.4MHz	1	2
Band5	23.03	20525	836.5	QPSK	1.4MHz	1	5
Band5	22.97	20525	836.5	QPSK	1.4MHz	3	0
Band5	22.82	20525	836.5	QPSK	1.4MHz	3	1
Band5	22.72	20525	836.5	QPSK	1.4MHz	3	3
Band5	22.21	20525	836.5	QPSK	1.4MHz	6	0
Band5	23.13	20643	848.3	QPSK	1.4MHz	1	0
Band5	23.02	20643	848.3	QPSK	1.4MHz	1	2
Band5	22.96	20643	848.3	QPSK	1.4MHz	1	5
Band5	22.89	20643	848.3	QPSK	1.4MHz	3	0
Band5	22.94	20643	848.3	QPSK	1.4MHz	3	1
Band5	22.87	20643	848.3	QPSK	1.4MHz	3	3
Band5	22.27	20643	848.3	QPSK	1.4MHz	6	0
Band5	22.47	20407	824.7	16QAM	1.4MHz	1	0
Band5	22.57	20407	824.7	16QAM	1.4MHz	1	2
Band5	22.53	20407	824.7	16QAM	1.4MHz	1	5
Band5	22.36	20407	824.7	16QAM	1.4MHz	3	0
Band5	22.4	20407	824.7	16QAM	1.4MHz	3	1
Band5	22.35	20407	824.7	16QAM	1.4MHz	3	3
Band5	21.64	20407	824.7	16QAM	1.4MHz	6	0
Band5	22.48	20525	836.5	16QAM	1.4MHz	1	0

Band5	22.54	20525	836.5	16QAM	1.4MHz	1	2
Band5	22.49	20525	836.5	16QAM	1.4MHz	1	5
Band5	22.39	20525	836.5	16QAM	1.4MHz	3	0
Band5	22.34	20525	836.5	16QAM	1.4MHz	3	1
Band5	22.33	20525	836.5	16QAM	1.4MHz	3	3
Band5	21.63	20525	836.5	16QAM	1.4MHz	6	0
Band5	22.39	20643	848.3	16QAM	1.4MHz	1	0
Band5	22.33	20643	848.3	16QAM	1.4MHz	1	2
Band5	22.31	20643	848.3	16QAM	1.4MHz	1	5
Band5	22.23	20643	848.3	16QAM	1.4MHz	3	0
Band5	22.19	20643	848.3	16QAM	1.4MHz	3	1
Band5	22.19	20643	848.3	16QAM	1.4MHz	3	3
Band5	21.61	20643	848.3	16QAM	1.4MHz	6	0
Band5	21.67	20407	824.7	64QAM	1.4MHz	1	0
Band5	21.72	20407	824.7	64QAM	1.4MHz	1	2
Band5	21.88	20407	824.7	64QAM	1.4MHz	1	5
Band5	21.67	20407	824.7	64QAM	1.4MHz	3	0
Band5	21.84	20407	824.7	64QAM	1.4MHz	3	1
Band5	21.67	20407	824.7	64QAM	1.4MHz	3	3
Band5	20.8	20407	824.7	64QAM	1.4MHz	6	0
Band5	21.79	20525	836.5	64QAM	1.4MHz	1	0
Band5	21.82	20525	836.5	64QAM	1.4MHz	1	2
Band5	21.75	20525	836.5	64QAM	1.4MHz	1	5
Band5	21.72	20525	836.5	64QAM	1.4MHz	3	0
Band5	21.63	20525	836.5	64QAM	1.4MHz	3	1
Band5	21.56	20525	836.5	64QAM	1.4MHz	3	3
Band5	20.86	20525	836.5	64QAM	1.4MHz	6	0
Band5	21.77	20643	848.3	64QAM	1.4MHz	1	0
Band5	21.47	20643	848.3	64QAM	1.4MHz	1	2
Band5	21.4	20643	848.3	64QAM	1.4MHz	1	5
Band5	21.53	20643	848.3	64QAM	1.4MHz	3	0
Band5	21.41	20643	848.3	64QAM	1.4MHz	3	1
Band5	21.51	20643	848.3	64QAM	1.4MHz	3	3
Band5	20.85	20643	848.3	64QAM	1.4MHz	6	0
Band5	23.27	20415	825.5	QPSK	3MHz	1	0
Band5	23.15	20415	825.5	QPSK	3MHz	1	7
Band5	22.97	20415	825.5	QPSK	3MHz	1	14
Band5	22.95	20415	825.5	QPSK	3MHz	8	0
Band5	22.86	20415	825.5	QPSK	3MHz	8	3
Band5	22.68	20415	825.5	QPSK	3MHz	8	7
Band5	22.22	20415	825.5	QPSK	3MHz	15	0
Band5	23.11	20525	836.5	QPSK	3MHz	1	0
Band5	23.09	20525	836.5	QPSK	3MHz	1	7
Band5	23.05	20525	836.5	QPSK	3MHz	1	14

Band5	23.04	20525	836.5	QPSK	3MHz	8	0
Band5	22.84	20525	836.5	QPSK	3MHz	8	3
Band5	22.66	20525	836.5	QPSK	3MHz	8	7
Band5	22.18	20525	836.5	QPSK	3MHz	15	0
Band5	23.11	20635	847.5	QPSK	3MHz	1	0
Band5	22.96	20635	847.5	QPSK	3MHz	1	7
Band5	22.87	20635	847.5	QPSK	3MHz	1	14
Band5	22.84	20635	847.5	QPSK	3MHz	8	0
Band5	22.95	20635	847.5	QPSK	3MHz	8	3
Band5	22.91	20635	847.5	QPSK	3MHz	8	7
Band5	22.35	20635	847.5	QPSK	3MHz	15	0
Band5	22.41	20415	825.5	16QAM	3MHz	1	0
Band5	22.56	20415	825.5	16QAM	3MHz	1	7
Band5	22.53	20415	825.5	16QAM	3MHz	1	14
Band5	22.28	20415	825.5	16QAM	3MHz	8	0
Band5	22.32	20415	825.5	16QAM	3MHz	8	3
Band5	22.3	20415	825.5	16QAM	3MHz	8	7
Band5	21.71	20415	825.5	16QAM	3MHz	15	0
Band5	22.53	20525	836.5	16QAM	3MHz	1	0
Band5	22.49	20525	836.5	16QAM	3MHz	1	7
Band5	22.45	20525	836.5	16QAM	3MHz	1	14
Band5	22.38	20525	836.5	16QAM	3MHz	8	0
Band5	22.28	20525	836.5	16QAM	3MHz	8	3
Band5	22.28	20525	836.5	16QAM	3MHz	8	7
Band5	21.53	20525	836.5	16QAM	3MHz	15	0
Band5	22.49	20635	847.5	16QAM	3MHz	1	0
Band5	22.29	20635	847.5	16QAM	3MHz	1	7
Band5	22.25	20635	847.5	16QAM	3MHz	1	14
Band5	22.29	20635	847.5	16QAM	3MHz	8	0
Band5	22.19	20635	847.5	16QAM	3MHz	8	3
Band5	22.22	20635	847.5	16QAM	3MHz	8	7
Band5	21.62	20635	847.5	16QAM	3MHz	15	0
Band5	21.6	20415	825.5	64QAM	3MHz	1	0
Band5	21.69	20415	825.5	64QAM	3MHz	1	7
Band5	21.82	20415	825.5	64QAM	3MHz	1	14
Band5	21.71	20415	825.5	64QAM	3MHz	8	0
Band5	21.92	20415	825.5	64QAM	3MHz	8	3
Band5	21.77	20415	825.5	64QAM	3MHz	8	7
Band5	20.71	20415	825.5	64QAM	3MHz	15	0
Band5	21.79	20525	836.5	64QAM	3MHz	1	0
Band5	21.88	20525	836.5	64QAM	3MHz	1	7
Band5	21.8	20525	836.5	64QAM	3MHz	1	14
Band5	21.74	20525	836.5	64QAM	3MHz	8	0
Band5	21.61	20525	836.5	64QAM	3MHz	8	3

Band5	21.62	20525	836.5	64QAM	3MHz	8	7
Band5	20.95	20525	836.5	64QAM	3MHz	15	0
Band5	21.76	20635	847.5	64QAM	3MHz	1	0
Band5	21.4	20635	847.5	64QAM	3MHz	1	7
Band5	21.35	20635	847.5	64QAM	3MHz	1	14
Band5	21.55	20635	847.5	64QAM	3MHz	8	0
Band5	21.46	20635	847.5	64QAM	3MHz	8	3
Band5	21.56	20635	847.5	64QAM	3MHz	8	7
Band5	20.88	20635	847.5	64QAM	3MHz	15	0
Band5	23.15	20425	826.5	QPSK	5MHz	1	0
Band5	23.11	20425	826.5	QPSK	5MHz	1	12
Band5	23.06	20425	826.5	QPSK	5MHz	1	24
Band5	22.93	20425	826.5	QPSK	5MHz	12	0
Band5	22.98	20425	826.5	QPSK	5MHz	12	6
Band5	22.84	20425	826.5	QPSK	5MHz	12	13
Band5	22.3	20425	826.5	QPSK	5MHz	25	0
Band5	23.2	20525	836.5	QPSK	5MHz	1	0
Band5	23.13	20525	836.5	QPSK	5MHz	1	12
Band5	23.03	20525	836.5	QPSK	5MHz	1	24
Band5	23.02	20525	836.5	QPSK	5MHz	12	0
Band5	22.93	20525	836.5	QPSK	5MHz	12	6
Band5	22.66	20525	836.5	QPSK	5MHz	12	13
Band5	22.21	20525	836.5	QPSK	5MHz	25	0
Band5	23.24	20625	846.5	QPSK	5MHz	1	0
Band5	23.06	20625	846.5	QPSK	5MHz	1	12
Band5	23.08	20625	846.5	QPSK	5MHz	1	24
Band5	22.92	20625	846.5	QPSK	5MHz	12	0
Band5	23.06	20625	846.5	QPSK	5MHz	12	6
Band5	23.01	20625	846.5	QPSK	5MHz	12	13
Band5	22.29	20625	846.5	QPSK	5MHz	25	0
Band5	22.42	20425	826.5	16QAM	5MHz	1	0
Band5	22.65	20425	826.5	16QAM	5MHz	1	12
Band5	22.56	20425	826.5	16QAM	5MHz	1	24
Band5	22.41	20425	826.5	16QAM	5MHz	12	0
Band5	22.44	20425	826.5	16QAM	5MHz	12	6
Band5	22.29	20425	826.5	16QAM	5MHz	12	13
Band5	21.77	20425	826.5	16QAM	5MHz	25	0
Band5	22.57	20525	836.5	16QAM	5MHz	1	0
Band5	22.59	20525	836.5	16QAM	5MHz	1	12
Band5	22.62	20525	836.5	16QAM	5MHz	1	24
Band5	22.36	20525	836.5	16QAM	5MHz	12	0
Band5	22.3	20525	836.5	16QAM	5MHz	12	6
Band5	22.42	20525	836.5	16QAM	5MHz	12	13
Band5	21.71	20525	836.5	16QAM	5MHz	25	0

Band5	22.37	20625	846.5	16QAM	5MHz	1	0
Band5	22.41	20625	846.5	16QAM	5MHz	1	12
Band5	22.45	20625	846.5	16QAM	5MHz	1	24
Band5	22.31	20625	846.5	16QAM	5MHz	12	0
Band5	22.3	20625	846.5	16QAM	5MHz	12	6
Band5	22.3	20625	846.5	16QAM	5MHz	12	11
Band5	21.57	20625	846.5	16QAM	5MHz	25	0
Band5	21.78	20425	826.5	64QAM	5MHz	1	0
Band5	21.74	20425	826.5	64QAM	5MHz	1	12
Band5	21.84	20425	826.5	64QAM	5MHz	1	24
Band5	21.73	20425	826.5	64QAM	5MHz	12	0
Band5	21.85	20425	826.5	64QAM	5MHz	12	6
Band5	21.7	20425	826.5	64QAM	5MHz	12	13
Band5	20.92	20425	826.5	64QAM	5MHz	25	0
Band5	21.78	20525	836.5	64QAM	5MHz	1	0
Band5	21.88	20525	836.5	64QAM	5MHz	1	12
Band5	21.69	20525	836.5	64QAM	5MHz	1	24
Band5	21.79	20525	836.5	64QAM	5MHz	12	0
Band5	21.67	20525	836.5	64QAM	5MHz	12	6
Band5	21.69	20525	836.5	64QAM	5MHz	12	13
Band5	20.95	20525	836.5	64QAM	5MHz	25	0
Band5	21.85	20625	846.5	64QAM	5MHz	1	0
Band5	21.58	20625	846.5	64QAM	5MHz	1	12
Band5	21.5	20625	846.5	64QAM	5MHz	1	24
Band5	21.57	20625	846.5	64QAM	5MHz	12	0
Band5	21.45	20625	846.5	64QAM	5MHz	12	6
Band5	21.49	20625	846.5	64QAM	5MHz	12	11
Band5	20.97	20625	846.5	64QAM	5MHz	25	0
Band5	23.3	20450	829	QPSK	10MHz	1	0
Band5	23.16	20450	829	QPSK	10MHz	1	24
Band5	23.05	20450	829	QPSK	10MHz	1	49
Band5	22.87	20450	829	QPSK	10MHz	25	0
Band5	22.84	20450	829	QPSK	10MHz	25	12
Band5	22.68	20450	829	QPSK	10MHz	25	25
Band5	22.34	20450	829	QPSK	10MHz	50	0
Band5	23.26	20525	836.5	QPSK	10MHz	1	0
Band5	23.2	20525	836.5	QPSK	10MHz	1	24
Band5	23.07	20525	836.5	QPSK	10MHz	1	49
Band5	22.91	20525	836.5	QPSK	10MHz	25	0
Band5	22.83	20525	836.5	QPSK	10MHz	25	12
Band5	22.69	20525	836.5	QPSK	10MHz	25	25
Band5	22.27	20525	836.5	QPSK	10MHz	50	0
Band5	23.04	20600	844	QPSK	10MHz	1	0
Band5	22.96	20600	844	QPSK	10MHz	1	24

Band5	22.97	20600	844	QPSK	10MHz	1	49
Band5	22.94	20600	844	QPSK	10MHz	25	0
Band5	22.92	20600	844	QPSK	10MHz	25	12
Band5	22.83	20600	844	QPSK	10MHz	25	25
Band5	22.35	20600	844	QPSK	10MHz	50	0
Band5	22.57	20450	829	16QAM	10MHz	1	0
Band5	22.53	20450	829	16QAM	10MHz	1	24
Band5	22.43	20450	829	16QAM	10MHz	1	49
Band5	22.42	20450	829	16QAM	10MHz	25	0
Band5	22.31	20450	829	16QAM	10MHz	25	12
Band5	22.39	20450	829	16QAM	10MHz	25	25
Band5	21.61	20450	829	16QAM	10MHz	50	0
Band5	22.47	20525	836.5	16QAM	10MHz	1	0
Band5	22.39	20525	836.5	16QAM	10MHz	1	24
Band5	22.34	20525	836.5	16QAM	10MHz	1	49
Band5	22.21	20525	836.5	16QAM	10MHz	25	0
Band5	22.22	20525	836.5	16QAM	10MHz	25	12
Band5	22.21	20525	836.5	16QAM	10MHz	25	25
Band5	21.7	20525	836.5	16QAM	10MHz	50	0
Band5	22.36	20600	844	16QAM	10MHz	1	0
Band5	22.27	20600	844	16QAM	10MHz	1	24
Band5	22.24	20600	844	16QAM	10MHz	1	49
Band5	22.17	20600	844	16QAM	10MHz	25	0
Band5	22.1	20600	844	16QAM	10MHz	25	12
Band5	22.11	20600	844	16QAM	10MHz	25	25
Band5	21.55	20600	844	16QAM	10MHz	50	0
Band5	21.85	20450	829	64QAM	10MHz	1	0
Band5	21.63	20450	829	64QAM	10MHz	1	24
Band5	21.62	20450	829	64QAM	10MHz	1	49
Band5	21.74	20450	829	64QAM	10MHz	25	0
Band5	21.75	20450	829	64QAM	10MHz	25	12
Band5	21.6	20450	829	64QAM	10MHz	25	25
Band5	20.77	20450	829	64QAM	10MHz	50	0
Band5	21.86	20525	836.5	64QAM	10MHz	1	0
Band5	21.77	20525	836.5	64QAM	10MHz	1	24
Band5	21.71	20525	836.5	64QAM	10MHz	1	49
Band5	21.68	20525	836.5	64QAM	10MHz	25	0
Band5	21.59	20525	836.5	64QAM	10MHz	25	12
Band5	21.52	20525	836.5	64QAM	10MHz	25	25
Band5	20.93	20525	836.5	64QAM	10MHz	50	0
Band5	21.81	20600	844	64QAM	10MHz	1	0
Band5	21.72	20600	844	64QAM	10MHz	1	24
Band5	21.65	20600	844	64QAM	10MHz	1	49
Band5	21.55	20600	844	64QAM	10MHz	25	0

Band5	21.49	20600	844	64QAM	10MHz	25	12
Band5	21.61	20600	844	64QAM	10MHz	25	25
Band5	20.82	20600	844	64QAM	10MHz	50	0
Band7	23.16	20775	2502.5	QPSK	5MHz	1	0
Band7	23.13	20775	2502.5	QPSK	5MHz	1	12
Band7	23	20775	2502.5	QPSK	5MHz	1	24
Band7	22.81	20775	2502.5	QPSK	5MHz	12	0
Band7	22.83	20775	2502.5	QPSK	5MHz	12	6
Band7	22.78	20775	2502.5	QPSK	5MHz	12	13
Band7	22.43	20775	2502.5	QPSK	5MHz	25	0
Band7	23.12	21100	2535	QPSK	5MHz	1	0
Band7	23.09	21100	2535	QPSK	5MHz	1	12
Band7	22.95	21100	2535	QPSK	5MHz	1	24
Band7	22.75	21100	2535	QPSK	5MHz	12	0
Band7	22.75	21100	2535	QPSK	5MHz	12	6
Band7	22.77	21100	2535	QPSK	5MHz	12	13
Band7	22.37	21100	2535	QPSK	5MHz	25	0
Band7	23.14	21425	2567.5	QPSK	5MHz	1	0
Band7	23.06	21425	2567.5	QPSK	5MHz	1	12
Band7	22.98	21425	2567.5	QPSK	5MHz	1	24
Band7	22.85	21425	2567.5	QPSK	5MHz	12	0
Band7	22.85	21425	2567.5	QPSK	5MHz	12	6
Band7	22.82	21425	2567.5	QPSK	5MHz	12	13
Band7	22.35	21425	2567.5	QPSK	5MHz	25	0
Band7	22.38	20775	2502.5	16QAM	5MHz	1	0
Band7	22.44	20775	2502.5	16QAM	5MHz	1	12
Band7	22.35	20775	2502.5	16QAM	5MHz	1	24
Band7	22.19	20775	2502.5	16QAM	5MHz	12	0
Band7	22.21	20775	2502.5	16QAM	5MHz	12	6
Band7	22.16	20775	2502.5	16QAM	5MHz	12	13
Band7	21.5	20775	2502.5	16QAM	5MHz	25	0
Band7	22.42	21100	2535	16QAM	5MHz	1	0
Band7	22.45	21100	2535	16QAM	5MHz	1	12
Band7	22.35	21100	2535	16QAM	5MHz	1	24
Band7	22.29	21100	2535	16QAM	5MHz	12	0
Band7	22.26	21100	2535	16QAM	5MHz	12	6
Band7	22.22	21100	2535	16QAM	5MHz	12	13
Band7	21.46	21100	2535	16QAM	5MHz	25	0
Band7	22.34	21425	2567.5	16QAM	5MHz	1	0
Band7	22.43	21425	2567.5	16QAM	5MHz	1	12
Band7	22.41	21425	2567.5	16QAM	5MHz	1	24
Band7	22.23	21425	2567.5	16QAM	5MHz	12	0
Band7	22.24	21425	2567.5	16QAM	5MHz	12	6
Band7	22.19	21425	2567.5	16QAM	5MHz	12	11

Band7	21.4	21425	2567.5	16QAM	5MHz	25	0
Band7	21.63	20775	2502.5	64QAM	5MHz	1	0
Band7	21.78	20775	2502.5	64QAM	5MHz	1	12
Band7	21.7	20775	2502.5	64QAM	5MHz	1	24
Band7	21.42	20775	2502.5	64QAM	5MHz	12	0
Band7	21.45	20775	2502.5	64QAM	5MHz	12	6
Band7	21.35	20775	2502.5	64QAM	5MHz	12	13
Band7	20.71	20775	2502.5	64QAM	5MHz	25	0
Band7	21.68	21100	2535	64QAM	5MHz	1	0
Band7	21.7	21100	2535	64QAM	5MHz	1	12
Band7	21.67	21100	2535	64QAM	5MHz	1	24
Band7	21.5	21100	2535	64QAM	5MHz	12	0
Band7	21.6	21100	2535	64QAM	5MHz	12	6
Band7	21.57	21100	2535	64QAM	5MHz	12	13
Band7	20.7	21100	2535	64QAM	5MHz	25	0
Band7	21.57	21425	2567.5	64QAM	5MHz	1	0
Band7	21.77	21425	2567.5	64QAM	5MHz	1	12
Band7	21.76	21425	2567.5	64QAM	5MHz	1	24
Band7	21.47	21425	2567.5	64QAM	5MHz	12	0
Band7	21.46	21425	2567.5	64QAM	5MHz	12	6
Band7	21.54	21425	2567.5	64QAM	5MHz	12	11
Band7	20.73	21425	2567.5	64QAM	5MHz	25	0
Band7	23.2	20800	2505	QPSK	10MHz	1	0
Band7	23.15	20800	2505	QPSK	10MHz	1	24
Band7	23.03	20800	2505	QPSK	10MHz	1	49
Band7	22.9	20800	2505	QPSK	10MHz	25	0
Band7	22.87	20800	2505	QPSK	10MHz	25	12
Band7	22.87	20800	2505	QPSK	10MHz	25	25
Band7	22.37	20800	2505	QPSK	10MHz	50	0
Band7	23.14	21100	2535	QPSK	10MHz	1	0
Band7	23.1	21100	2535	QPSK	10MHz	1	24
Band7	23.01	21100	2535	QPSK	10MHz	1	49
Band7	22.68	21100	2535	QPSK	10MHz	25	0
Band7	22.67	21100	2535	QPSK	10MHz	25	12
Band7	22.73	21100	2535	QPSK	10MHz	25	25
Band7	22.34	21100	2535	QPSK	10MHz	50	0
Band7	23.16	21400	2565	QPSK	10MHz	1	0
Band7	22.98	21400	2565	QPSK	10MHz	1	24
Band7	22.97	21400	2565	QPSK	10MHz	1	49
Band7	22.81	21400	2565	QPSK	10MHz	25	0
Band7	22.9	21400	2565	QPSK	10MHz	25	12
Band7	22.86	21400	2565	QPSK	10MHz	25	25
Band7	22.33	21400	2565	QPSK	10MHz	50	0
Band7	22.34	20800	2505	16QAM	10MHz	1	0

Band7	22.47	20800	2505	16QAM	10MHz	1	24
Band7	22.34	20800	2505	16QAM	10MHz	1	49
Band7	22.25	20800	2505	16QAM	10MHz	25	0
Band7	22.3	20800	2505	16QAM	10MHz	25	12
Band7	22.19	20800	2505	16QAM	10MHz	25	25
Band7	21.58	20800	2505	16QAM	10MHz	50	0
Band7	22.32	21100	2535	16QAM	10MHz	1	0
Band7	22.54	21100	2535	16QAM	10MHz	1	24
Band7	22.28	21100	2535	16QAM	10MHz	1	49
Band7	22.37	21100	2535	16QAM	10MHz	25	0
Band7	22.17	21100	2535	16QAM	10MHz	25	12
Band7	22.18	21100	2535	16QAM	10MHz	25	25
Band7	21.53	21100	2535	16QAM	10MHz	50	0
Band7	22.34	21400	2565	16QAM	10MHz	1	0
Band7	22.39	21400	2565	16QAM	10MHz	1	24
Band7	22.48	21400	2565	16QAM	10MHz	1	49
Band7	22.17	21400	2565	16QAM	10MHz	25	0
Band7	22.15	21400	2565	16QAM	10MHz	25	12
Band7	22.11	21400	2565	16QAM	10MHz	25	25
Band7	21.41	21400	2565	16QAM	10MHz	50	0
Band7	21.7	20800	2505	64QAM	10MHz	1	0
Band7	21.74	20800	2505	64QAM	10MHz	1	24
Band7	21.69	20800	2505	64QAM	10MHz	1	49
Band7	21.38	20800	2505	64QAM	10MHz	25	0
Band7	21.51	20800	2505	64QAM	10MHz	25	12
Band7	21.39	20800	2505	64QAM	10MHz	25	25
Band7	20.76	20800	2505	64QAM	10MHz	50	0
Band7	21.6	21100	2535	64QAM	10MHz	1	0
Band7	21.78	21100	2535	64QAM	10MHz	1	24
Band7	21.63	21100	2535	64QAM	10MHz	1	49
Band7	21.55	21100	2535	64QAM	10MHz	25	0
Band7	21.69	21100	2535	64QAM	10MHz	25	12
Band7	21.57	21100	2535	64QAM	10MHz	25	25
Band7	20.72	21100	2535	64QAM	10MHz	50	0
Band7	21.5	21400	2565	64QAM	10MHz	1	0
Band7	21.67	21400	2565	64QAM	10MHz	1	24
Band7	21.86	21400	2565	64QAM	10MHz	1	49
Band7	21.49	21400	2565	64QAM	10MHz	25	0
Band7	21.36	21400	2565	64QAM	10MHz	25	12
Band7	21.55	21400	2565	64QAM	10MHz	25	25
Band7	20.65	21400	2565	64QAM	10MHz	50	0
Band7	23.09	20825	2507.5	QPSK	15MHz	1	0
Band7	23.04	20825	2507.5	QPSK	15MHz	1	37
Band7	23.04	20825	2507.5	QPSK	15MHz	1	74

Band7	22.89	20825	2507.5	QPSK	15MHz	36	0
Band7	22.89	20825	2507.5	QPSK	15MHz	36	19
Band7	22.77	20825	2507.5	QPSK	15MHz	36	39
Band7	22.35	20825	2507.5	QPSK	15MHz	75	0
Band7	23.13	21100	2535	QPSK	15MHz	1	0
Band7	23.14	21100	2535	QPSK	15MHz	1	37
Band7	23.04	21100	2535	QPSK	15MHz	1	74
Band7	22.67	21100	2535	QPSK	15MHz	36	0
Band7	22.76	21100	2535	QPSK	15MHz	36	19
Band7	22.74	21100	2535	QPSK	15MHz	36	39
Band7	22.3	21100	2535	QPSK	15MHz	75	0
Band7	23.15	21375	2562.5	QPSK	15MHz	1	0
Band7	23.14	21375	2562.5	QPSK	15MHz	1	37
Band7	22.9	21375	2562.5	QPSK	15MHz	1	74
Band7	22.77	21375	2562.5	QPSK	15MHz	36	0
Band7	22.82	21375	2562.5	QPSK	15MHz	36	19
Band7	22.89	21375	2562.5	QPSK	15MHz	36	39
Band7	22.35	21375	2562.5	QPSK	15MHz	75	0
Band7	22.35	20825	2507.5	16QAM	15MHz	1	0
Band7	22.51	20825	2507.5	16QAM	15MHz	1	37
Band7	22.44	20825	2507.5	16QAM	15MHz	1	74
Band7	22.28	20825	2507.5	16QAM	15MHz	36	0
Band7	22.28	20825	2507.5	16QAM	15MHz	36	19
Band7	22.12	20825	2507.5	16QAM	15MHz	36	39
Band7	21.5	20825	2507.5	16QAM	15MHz	75	0
Band7	22.37	21100	2535	16QAM	15MHz	1	0
Band7	22.5	21100	2535	16QAM	15MHz	1	37
Band7	22.39	21100	2535	16QAM	15MHz	1	74
Band7	22.21	21100	2535	16QAM	15MHz	36	0
Band7	22.18	21100	2535	16QAM	15MHz	36	19
Band7	22.32	21100	2535	16QAM	15MHz	36	39
Band7	21.4	21100	2535	16QAM	15MHz	75	0
Band7	22.33	21375	2562.5	16QAM	15MHz	1	0
Band7	22.39	21375	2562.5	16QAM	15MHz	1	37
Band7	22.42	21375	2562.5	16QAM	15MHz	1	74
Band7	22.22	21375	2562.5	16QAM	15MHz	36	0
Band7	22.2	21375	2562.5	16QAM	15MHz	36	19
Band7	22.2	21375	2562.5	16QAM	15MHz	36	39
Band7	21.35	21375	2562.5	16QAM	15MHz	75	0
Band7	21.57	20825	2507.5	64QAM	15MHz	1	0
Band7	21.87	20825	2507.5	64QAM	15MHz	1	37
Band7	21.69	20825	2507.5	64QAM	15MHz	1	74
Band7	21.46	20825	2507.5	64QAM	15MHz	36	0
Band7	21.55	20825	2507.5	64QAM	15MHz	36	19

Band7	21.36	20825	2507.5	64QAM	15MHz	36	39
Band7	20.74	20825	2507.5	64QAM	15MHz	75	0
Band7	21.73	21100	2535	64QAM	15MHz	1	0
Band7	21.63	21100	2535	64QAM	15MHz	1	37
Band7	21.63	21100	2535	64QAM	15MHz	1	74
Band7	21.58	21100	2535	64QAM	15MHz	36	0
Band7	21.65	21100	2535	64QAM	15MHz	36	19
Band7	21.56	21100	2535	64QAM	15MHz	36	39
Band7	20.77	21100	2535	64QAM	15MHz	75	0
Band7	21.6	21375	2562.5	64QAM	15MHz	1	0
Band7	21.78	21375	2562.5	64QAM	15MHz	1	37
Band7	21.79	21375	2562.5	64QAM	15MHz	1	74
Band7	21.55	21375	2562.5	64QAM	15MHz	36	0
Band7	21.48	21375	2562.5	64QAM	15MHz	36	19
Band7	21.59	21375	2562.5	64QAM	15MHz	36	39
Band7	20.79	21375	2562.5	64QAM	15MHz	75	0
Band7	23.23	20850	2510	QPSK	20MHz	1	0
Band7	23.17	20850	2510	QPSK	20MHz	1	49
Band7	23.08	20850	2510	QPSK	20MHz	1	99
Band7	22.89	20850	2510	QPSK	20MHz	50	0
Band7	22.76	20850	2510	QPSK	20MHz	50	25
Band7	22.69	20850	2510	QPSK	20MHz	50	50
Band7	22.51	20850	2510	QPSK	20MHz	100	0
Band7	23.14	21100	2535	QPSK	20MHz	1	0
Band7	23.11	21100	2535	QPSK	20MHz	1	49
Band7	23.01	21100	2535	QPSK	20MHz	1	99
Band7	22.85	21100	2535	QPSK	20MHz	50	0
Band7	22.7	21100	2535	QPSK	20MHz	50	25
Band7	22.8	21100	2535	QPSK	20MHz	50	50
Band7	22.36	21100	2535	QPSK	20MHz	100	0
Band7	23.16	21350	2560	QPSK	20MHz	1	0
Band7	23.07	21350	2560	QPSK	20MHz	1	49
Band7	23.05	21350	2560	QPSK	20MHz	1	99
Band7	22.9	21350	2560	QPSK	20MHz	50	0
Band7	22.92	21350	2560	QPSK	20MHz	50	25
Band7	22.88	21350	2560	QPSK	20MHz	50	50
Band7	22.34	21350	2560	QPSK	20MHz	100	0
Band7	22.46	20850	2510	16QAM	20MHz	1	0
Band7	22.38	20850	2510	16QAM	20MHz	1	49
Band7	22.39	20850	2510	16QAM	20MHz	1	99
Band7	22.26	20850	2510	16QAM	20MHz	50	0
Band7	22.22	20850	2510	16QAM	20MHz	50	25
Band7	22.22	20850	2510	16QAM	20MHz	50	50
Band7	21.57	20850	2510	16QAM	20MHz	100	0

Band7	22.49	21100	2535	16QAM	20MHz	1	0
Band7	22.37	21100	2535	16QAM	20MHz	1	49
Band7	22.28	21100	2535	16QAM	20MHz	1	99
Band7	22.19	21100	2535	16QAM	20MHz	50	0
Band7	22.35	21100	2535	16QAM	20MHz	50	25
Band7	22.2	21100	2535	16QAM	20MHz	50	50
Band7	21.46	21100	2535	16QAM	20MHz	100	0
Band7	22.46	21350	2560	16QAM	20MHz	1	0
Band7	22.36	21350	2560	16QAM	20MHz	1	49
Band7	22.23	21350	2560	16QAM	20MHz	1	99
Band7	22.25	21350	2560	16QAM	20MHz	50	0
Band7	22.28	21350	2560	16QAM	20MHz	50	25
Band7	22.12	21350	2560	16QAM	20MHz	50	50
Band7	21.35	21350	2560	16QAM	20MHz	100	0
Band7	21.84	20850	2510	64QAM	20MHz	1	0
Band7	21.74	20850	2510	64QAM	20MHz	1	49
Band7	21.66	20850	2510	64QAM	20MHz	1	99
Band7	21.46	20850	2510	64QAM	20MHz	50	0
Band7	21.39	20850	2510	64QAM	20MHz	50	25
Band7	21.25	20850	2510	64QAM	20MHz	50	50
Band7	20.67	20850	2510	64QAM	20MHz	100	0
Band7	21.79	21100	2535	64QAM	20MHz	1	0
Band7	21.62	21100	2535	64QAM	20MHz	1	49
Band7	21.59	21100	2535	64QAM	20MHz	1	99
Band7	21.5	21100	2535	64QAM	20MHz	50	0
Band7	21.57	21100	2535	64QAM	20MHz	50	25
Band7	21.67	21100	2535	64QAM	20MHz	50	50
Band7	20.72	21100	2535	64QAM	20MHz	100	0
Band7	21.71	21350	2560	64QAM	20MHz	1	0
Band7	21.63	21350	2560	64QAM	20MHz	1	49
Band7	21.5	21350	2560	64QAM	20MHz	1	99
Band7	21.47	21350	2560	64QAM	20MHz	50	0
Band7	21.55	21350	2560	64QAM	20MHz	50	25
Band7	21.47	21350	2560	64QAM	20MHz	50	50
Band7	20.63	21350	2560	64QAM	20MHz	100	0
Band38	22.83	37775	2572.5	QPSK	5MHz	1	0
Band38	22.67	37775	2572.5	QPSK	5MHz	1	12
Band38	22.56	37775	2572.5	QPSK	5MHz	1	24
Band38	22.4	37775	2572.5	QPSK	5MHz	12	0
Band38	22.22	37775	2572.5	QPSK	5MHz	12	6
Band38	22.28	37775	2572.5	QPSK	5MHz	12	13
Band38	21.92	37775	2572.5	QPSK	5MHz	25	0
Band38	22.68	38000	2595	QPSK	5MHz	1	0
Band38	22.57	38000	2595	QPSK	5MHz	1	12

Band38	22.51	38000	2595	QPSK	5MHz	1	24
Band38	22.45	38000	2595	QPSK	5MHz	12	0
Band38	22.41	38000	2595	QPSK	5MHz	12	6
Band38	22.44	38000	2595	QPSK	5MHz	12	13
Band38	21.9	38000	2595	QPSK	5MHz	25	0
Band38	22.59	38225	2617.5	QPSK	5MHz	1	0
Band38	22.57	38225	2617.5	QPSK	5MHz	1	12
Band38	22.47	38225	2617.5	QPSK	5MHz	1	24
Band38	22.45	38225	2617.5	QPSK	5MHz	12	0
Band38	22.38	38225	2617.5	QPSK	5MHz	12	6
Band38	22.25	38225	2617.5	QPSK	5MHz	12	13
Band38	21.79	38225	2617.5	QPSK	5MHz	25	0
Band38	21.47	37775	2572.5	16QAM	5MHz	1	0
Band38	21.65	37775	2572.5	16QAM	5MHz	1	12
Band38	21.5	37775	2572.5	16QAM	5MHz	1	24
Band38	21.14	37775	2572.5	16QAM	5MHz	12	0
Band38	21.2	37775	2572.5	16QAM	5MHz	12	6
Band38	21.28	37775	2572.5	16QAM	5MHz	12	13
Band38	20.68	37775	2572.5	16QAM	5MHz	25	0
Band38	22.15	38000	2595	16QAM	5MHz	1	0
Band38	22.33	38000	2595	16QAM	5MHz	1	12
Band38	22.24	38000	2595	16QAM	5MHz	1	24
Band38	21.29	38000	2595	16QAM	5MHz	12	0
Band38	21.09	38000	2595	16QAM	5MHz	12	6
Band38	21.2	38000	2595	16QAM	5MHz	12	13
Band38	20.88	38000	2595	16QAM	5MHz	25	0
Band38	22.09	38225	2617.5	16QAM	5MHz	1	0
Band38	22.27	38225	2617.5	16QAM	5MHz	1	12
Band38	21.99	38225	2617.5	16QAM	5MHz	1	24
Band38	21.17	38225	2617.5	16QAM	5MHz	12	0
Band38	21.18	38225	2617.5	16QAM	5MHz	12	6
Band38	21.06	38225	2617.5	16QAM	5MHz	12	11
Band38	20.83	38225	2617.5	16QAM	5MHz	25	0
Band38	20.7	37775	2572.5	64QAM	5MHz	1	0
Band38	20.85	37775	2572.5	64QAM	5MHz	1	12
Band38	20.67	37775	2572.5	64QAM	5MHz	1	24
Band38	20.27	37775	2572.5	64QAM	5MHz	12	0
Band38	20.38	37775	2572.5	64QAM	5MHz	12	6
Band38	20.48	37775	2572.5	64QAM	5MHz	12	13
Band38	19.97	37775	2572.5	64QAM	5MHz	25	0
Band38	21.27	38000	2595	64QAM	5MHz	1	0
Band38	21.55	38000	2595	64QAM	5MHz	1	12
Band38	21.42	38000	2595	64QAM	5MHz	1	24
Band38	20.5	38000	2595	64QAM	5MHz	12	0

Band38	20.32	38000	2595	64QAM	5MHz	12	6
Band38	20.31	38000	2595	64QAM	5MHz	12	13
Band38	20.04	38000	2595	64QAM	5MHz	25	0
Band38	21.28	38225	2617.5	64QAM	5MHz	1	0
Band38	21.46	38225	2617.5	64QAM	5MHz	1	12
Band38	21.32	38225	2617.5	64QAM	5MHz	1	24
Band38	20.38	38225	2617.5	64QAM	5MHz	12	0
Band38	20.26	38225	2617.5	64QAM	5MHz	12	6
Band38	20.18	38225	2617.5	64QAM	5MHz	12	11
Band38	20.03	38225	2617.5	64QAM	5MHz	25	0
Band38	22.82	37800	2575	QPSK	10MHz	1	0
Band38	22.65	37800	2575	QPSK	10MHz	1	24
Band38	22.63	37800	2575	QPSK	10MHz	1	49
Band38	22.36	37800	2575	QPSK	10MHz	25	0
Band38	22.32	37800	2575	QPSK	10MHz	25	12
Band38	22.33	37800	2575	QPSK	10MHz	25	25
Band38	21.86	37800	2575	QPSK	10MHz	50	0
Band38	22.67	38000	2595	QPSK	10MHz	1	0
Band38	22.57	38000	2595	QPSK	10MHz	1	24
Band38	22.46	38000	2595	QPSK	10MHz	1	49
Band38	22.39	38000	2595	QPSK	10MHz	25	0
Band38	22.38	38000	2595	QPSK	10MHz	25	12
Band38	22.42	38000	2595	QPSK	10MHz	25	25
Band38	21.96	38000	2595	QPSK	10MHz	50	0
Band38	22.56	38200	2615	QPSK	10MHz	1	0
Band38	22.53	38200	2615	QPSK	10MHz	1	24
Band38	22.38	38200	2615	QPSK	10MHz	1	49
Band38	22.39	38200	2615	QPSK	10MHz	25	0
Band38	22.38	38200	2615	QPSK	10MHz	25	12
Band38	22.33	38200	2615	QPSK	10MHz	25	25
Band38	21.88	38200	2615	QPSK	10MHz	50	0
Band38	21.51	37800	2575	16QAM	10MHz	1	0
Band38	21.61	37800	2575	16QAM	10MHz	1	24
Band38	21.56	37800	2575	16QAM	10MHz	1	49
Band38	21.21	37800	2575	16QAM	10MHz	25	0
Band38	21.27	37800	2575	16QAM	10MHz	25	12
Band38	21.29	37800	2575	16QAM	10MHz	25	25
Band38	20.77	37800	2575	16QAM	10MHz	50	0
Band38	22.15	38000	2595	16QAM	10MHz	1	0
Band38	22.33	38000	2595	16QAM	10MHz	1	24
Band38	22.16	38000	2595	16QAM	10MHz	1	49
Band38	21.24	38000	2595	16QAM	10MHz	25	0
Band38	21.18	38000	2595	16QAM	10MHz	25	12
Band38	21.16	38000	2595	16QAM	10MHz	25	25

Band38	20.86	38000	2595	16QAM	10MHz	50	0
Band38	22.13	38200	2615	16QAM	10MHz	1	0
Band38	22.32	38200	2615	16QAM	10MHz	1	24
Band38	22.06	38200	2615	16QAM	10MHz	1	49
Band38	21.21	38200	2615	16QAM	10MHz	25	0
Band38	21.19	38200	2615	16QAM	10MHz	25	12
Band38	21.07	38200	2615	16QAM	10MHz	25	25
Band38	20.79	38200	2615	16QAM	10MHz	50	0
Band38	20.68	37800	2575	64QAM	10MHz	1	0
Band38	20.82	37800	2575	64QAM	10MHz	1	24
Band38	20.75	37800	2575	64QAM	10MHz	1	49
Band38	20.34	37800	2575	64QAM	10MHz	25	0
Band38	20.44	37800	2575	64QAM	10MHz	25	12
Band38	20.43	37800	2575	64QAM	10MHz	25	25
Band38	19.9	37800	2575	64QAM	10MHz	50	0
Band38	21.37	38000	2595	64QAM	10MHz	1	0
Band38	21.57	38000	2595	64QAM	10MHz	1	24
Band38	21.4	38000	2595	64QAM	10MHz	1	49
Band38	20.42	38000	2595	64QAM	10MHz	25	0
Band38	20.33	38000	2595	64QAM	10MHz	25	12
Band38	20.36	38000	2595	64QAM	10MHz	25	25
Band38	19.99	38000	2595	64QAM	10MHz	50	0
Band38	21.29	38200	2615	64QAM	10MHz	1	0
Band38	21.46	38200	2615	64QAM	10MHz	1	24
Band38	21.26	38200	2615	64QAM	10MHz	1	49
Band38	20.35	38200	2615	64QAM	10MHz	25	0
Band38	20.35	38200	2615	64QAM	10MHz	25	12
Band38	20.27	38200	2615	64QAM	10MHz	25	25
Band38	19.96	38200	2615	64QAM	10MHz	50	0
Band38	22.8	37825	2577.5	QPSK	15MHz	1	0
Band38	22.68	37825	2577.5	QPSK	15MHz	1	37
Band38	22.52	37825	2577.5	QPSK	15MHz	1	74
Band38	22.34	37825	2577.5	QPSK	15MHz	36	0
Band38	22.29	37825	2577.5	QPSK	15MHz	36	19
Band38	22.45	37825	2577.5	QPSK	15MHz	36	39
Band38	21.98	37825	2577.5	QPSK	15MHz	75	0
Band38	22.73	38000	2595	QPSK	15MHz	1	0
Band38	22.54	38000	2595	QPSK	15MHz	1	37
Band38	22.48	38000	2595	QPSK	15MHz	1	74
Band38	22.37	38000	2595	QPSK	15MHz	36	0
Band38	22.4	38000	2595	QPSK	15MHz	36	19
Band38	22.4	38000	2595	QPSK	15MHz	36	39
Band38	21.92	38000	2595	QPSK	15MHz	75	0
Band38	22.68	38175	2612.5	QPSK	15MHz	1	0

Band38	22.6	38175	2612.5	QPSK	15MHz	1	37
Band38	22.52	38175	2612.5	QPSK	15MHz	1	74
Band38	22.44	38175	2612.5	QPSK	15MHz	36	0
Band38	22.49	38175	2612.5	QPSK	15MHz	36	19
Band38	22.3	38175	2612.5	QPSK	15MHz	36	39
Band38	21.92	38175	2612.5	QPSK	15MHz	75	0
Band38	21.5	37825	2577.5	16QAM	15MHz	1	0
Band38	21.58	37825	2577.5	16QAM	15MHz	1	37
Band38	21.64	37825	2577.5	16QAM	15MHz	1	74
Band38	21.24	37825	2577.5	16QAM	15MHz	36	0
Band38	21.4	37825	2577.5	16QAM	15MHz	36	19
Band38	21.38	37825	2577.5	16QAM	15MHz	36	39
Band38	20.8	37825	2577.5	16QAM	15MHz	75	0
Band38	22.27	38000	2595	16QAM	15MHz	1	0
Band38	22.35	38000	2595	16QAM	15MHz	1	37
Band38	22.26	38000	2595	16QAM	15MHz	1	74
Band38	21.36	38000	2595	16QAM	15MHz	36	0
Band38	21.15	38000	2595	16QAM	15MHz	36	19
Band38	21.26	38000	2595	16QAM	15MHz	36	39
Band38	20.99	38000	2595	16QAM	15MHz	75	0
Band38	22.26	38175	2612.5	16QAM	15MHz	1	0
Band38	22.42	38175	2612.5	16QAM	15MHz	1	37
Band38	22.14	38175	2612.5	16QAM	15MHz	1	74
Band38	21.17	38175	2612.5	16QAM	15MHz	36	0
Band38	21.3	38175	2612.5	16QAM	15MHz	36	19
Band38	21.11	38175	2612.5	16QAM	15MHz	36	39
Band38	20.87	38175	2612.5	16QAM	15MHz	75	0
Band38	20.71	37825	2577.5	64QAM	15MHz	1	0
Band38	20.77	37825	2577.5	64QAM	15MHz	1	37
Band38	20.89	37825	2577.5	64QAM	15MHz	1	74
Band38	20.37	37825	2577.5	64QAM	15MHz	36	0
Band38	20.4	37825	2577.5	64QAM	15MHz	36	19
Band38	20.46	37825	2577.5	64QAM	15MHz	36	39
Band38	19.98	37825	2577.5	64QAM	15MHz	75	0
Band38	21.52	38000	2595	64QAM	15MHz	1	0
Band38	21.64	38000	2595	64QAM	15MHz	1	37
Band38	21.52	38000	2595	64QAM	15MHz	1	74
Band38	20.48	38000	2595	64QAM	15MHz	36	0
Band38	20.42	38000	2595	64QAM	15MHz	36	19
Band38	20.32	38000	2595	64QAM	15MHz	36	39
Band38	20.12	38000	2595	64QAM	15MHz	75	0
Band38	21.28	38175	2612.5	64QAM	15MHz	1	0
Band38	21.51	38175	2612.5	64QAM	15MHz	1	37
Band38	21.31	38175	2612.5	64QAM	15MHz	1	74

Band38	20.49	38175	2612.5	64QAM	15MHz	36	0
Band38	20.46	38175	2612.5	64QAM	15MHz	36	19
Band38	20.23	38175	2612.5	64QAM	15MHz	36	39
Band38	20.1	38175	2612.5	64QAM	15MHz	75	0
Band38	22.88	37850	2580	QPSK	20MHz	1	0
Band38	22.75	37850	2580	QPSK	20MHz	1	49
Band38	22.65	37850	2580	QPSK	20MHz	1	99
Band38	22.39	37850	2580	QPSK	20MHz	50	0
Band38	22.37	37850	2580	QPSK	20MHz	50	25
Band38	22.36	37850	2580	QPSK	20MHz	50	50
Band38	21.81	37850	2580	QPSK	20MHz	100	0
Band38	22.79	38000	2595	QPSK	20MHz	1	0
Band38	22.63	38000	2595	QPSK	20MHz	1	49
Band38	22.46	38000	2595	QPSK	20MHz	1	99
Band38	22.39	38000	2595	QPSK	20MHz	50	0
Band38	22.37	38000	2595	QPSK	20MHz	50	25
Band38	22.44	38000	2595	QPSK	20MHz	50	50
Band38	21.88	38000	2595	QPSK	20MHz	100	0
Band38	22.81	38150	2610	QPSK	20MHz	1	0
Band38	22.77	38150	2610	QPSK	20MHz	1	49
Band38	22.8	38150	2610	QPSK	20MHz	1	99
Band38	22.65	38150	2610	QPSK	20MHz	50	0
Band38	22.71	38150	2610	QPSK	20MHz	50	25
Band38	22.62	38150	2610	QPSK	20MHz	50	50
Band38	22.18	38150	2610	QPSK	20MHz	100	0
Band38	21.59	37850	2580	16QAM	20MHz	1	0
Band38	21.56	37850	2580	16QAM	20MHz	1	49
Band38	21.42	37850	2580	16QAM	20MHz	1	99
Band38	21.24	37850	2580	16QAM	20MHz	50	0
Band38	21.16	37850	2580	16QAM	20MHz	50	25
Band38	21.27	37850	2580	16QAM	20MHz	50	50
Band38	20.73	37850	2580	16QAM	20MHz	100	0
Band38	22.49	38000	2595	16QAM	20MHz	1	0
Band38	22.33	38000	2595	16QAM	20MHz	1	49
Band38	22.14	38000	2595	16QAM	20MHz	1	99
Band38	21.19	38000	2595	16QAM	20MHz	50	0
Band38	21.05	38000	2595	16QAM	20MHz	50	25
Band38	21.22	38000	2595	16QAM	20MHz	50	50
Band38	20.75	38000	2595	16QAM	20MHz	100	0
Band38	22.44	38150	2610	16QAM	20MHz	1	0
Band38	22.38	38150	2610	16QAM	20MHz	1	49
Band38	22.16	38150	2610	16QAM	20MHz	1	99
Band38	21.2	38150	2610	16QAM	20MHz	50	0
Band38	21.23	38150	2610	16QAM	20MHz	50	25

Band38	21.11	38150	2610	16QAM	20MHz	50	50
Band38	20.81	38150	2610	16QAM	20MHz	100	0
Band38	20.74	37850	2580	64QAM	20MHz	1	0
Band38	20.62	37850	2580	64QAM	20MHz	1	49
Band38	20.57	37850	2580	64QAM	20MHz	1	99
Band38	20.25	37850	2580	64QAM	20MHz	50	0
Band38	20.42	37850	2580	64QAM	20MHz	50	25
Band38	20.41	37850	2580	64QAM	20MHz	50	50
Band38	19.9	37850	2580	64QAM	20MHz	100	0
Band38	21.65	38000	2595	64QAM	20MHz	1	0
Band38	21.6	38000	2595	64QAM	20MHz	1	49
Band38	21.47	38000	2595	64QAM	20MHz	1	99
Band38	20.34	38000	2595	64QAM	20MHz	50	0
Band38	20.22	38000	2595	64QAM	20MHz	50	25
Band38	20.29	38000	2595	64QAM	20MHz	50	50
Band38	19.99	38000	2595	64QAM	20MHz	100	0
Band38	21.67	38150	2610	64QAM	20MHz	1	0
Band38	21.53	38150	2610	64QAM	20MHz	1	49
Band38	21.33	38150	2610	64QAM	20MHz	1	99
Band38	20.4	38150	2610	64QAM	20MHz	50	0
Band38	20.4	38150	2610	64QAM	20MHz	50	25
Band38	20.18	38150	2610	64QAM	20MHz	50	50
Band38	19.9	38150	2610	64QAM	20MHz	100	0
Band40 (2305-2320)	22.77	38725	2307.5	QPSK	5MHz	1	0
Band40 (2305-2320)	22.76	38725	2307.5	QPSK	5MHz	1	12
Band40 (2305-2320)	22.71	38725	2307.5	QPSK	5MHz	1	24
Band40 (2305-2320)	22.46	38725	2307.5	QPSK	5MHz	12	0
Band40 (2305-2320)	22.44	38725	2307.5	QPSK	5MHz	12	6
Band40 (2305-2320)	22.36	38725	2307.5	QPSK	5MHz	12	13
Band40 (2305-2320)	21.66	38725	2307.5	QPSK	5MHz	25	0
Band40 (2305-2320)	22.75	38775	2312.5	QPSK	5MHz	1	0
Band40 (2305-2320)	22.67	38775	2312.5	QPSK	5MHz	1	12
Band40 (2305-2320)	22.6	38775	2312.5	QPSK	5MHz	1	24
Band40 (2305-2320)	22.43	38775	2312.5	QPSK	5MHz	12	0
Band40 (2305-2320)	22.33	38775	2312.5	QPSK	5MHz	12	6
Band40 (2305-2320)	22.34	38775	2312.5	QPSK	5MHz	12	13
Band40 (2305-2320)	21.72	38775	2312.5	QPSK	5MHz	25	0
Band40 (2305-2320)	22.81	38825	2317.5	QPSK	5MHz	1	0
Band40 (2305-2320)	22.78	38825	2317.5	QPSK	5MHz	1	12
Band40 (2305-2320)	22.67	38825	2317.5	QPSK	5MHz	1	24
Band40 (2305-2320)	22.25	38825	2317.5	QPSK	5MHz	12	0
Band40 (2305-2320)	22.26	38825	2317.5	QPSK	5MHz	12	6
Band40 (2305-2320)	22.19	38825	2317.5	QPSK	5MHz	12	13
Band40 (2305-2320)	21.69	38825	2317.5	QPSK	5MHz	25	0

Band40 (2305-2320)	22.31	38725	2307.5	16QAM	5MHz	1	0
Band40 (2305-2320)	22.36	38725	2307.5	16QAM	5MHz	1	12
Band40 (2305-2320)	22.23	38725	2307.5	16QAM	5MHz	1	24
Band40 (2305-2320)	21.81	38725	2307.5	16QAM	5MHz	12	0
Band40 (2305-2320)	21.77	38725	2307.5	16QAM	5MHz	12	6
Band40 (2305-2320)	21.73	38725	2307.5	16QAM	5MHz	12	13
Band40 (2305-2320)	21.13	38725	2307.5	16QAM	5MHz	25	0
Band40 (2305-2320)	22.26	38775	2312.5	16QAM	5MHz	1	0
Band40 (2305-2320)	22.24	38775	2312.5	16QAM	5MHz	1	12
Band40 (2305-2320)	22.26	38775	2312.5	16QAM	5MHz	1	24
Band40 (2305-2320)	21.7	38775	2312.5	16QAM	5MHz	12	0
Band40 (2305-2320)	21.66	38775	2312.5	16QAM	5MHz	12	6
Band40 (2305-2320)	21.68	38775	2312.5	16QAM	5MHz	12	13
Band40 (2305-2320)	20.96	38775	2312.5	16QAM	5MHz	25	0
Band40 (2305-2320)	21.78	38825	2317.5	16QAM	5MHz	1	0
Band40 (2305-2320)	21.78	38825	2317.5	16QAM	5MHz	1	12
Band40 (2305-2320)	21.77	38825	2317.5	16QAM	5MHz	1	24
Band40 (2305-2320)	21.8	38825	2317.5	16QAM	5MHz	12	0
Band40 (2305-2320)	21.87	38825	2317.5	16QAM	5MHz	12	6
Band40 (2305-2320)	21.79	38825	2317.5	16QAM	5MHz	12	11
Band40 (2305-2320)	21.31	38825	2317.5	16QAM	5MHz	25	0
Band40 (2305-2320)	21.58	38725	2307.5	64QAM	5MHz	1	0
Band40 (2305-2320)	21.56	38725	2307.5	64QAM	5MHz	1	12
Band40 (2305-2320)	21.49	38725	2307.5	64QAM	5MHz	1	24
Band40 (2305-2320)	20.99	38725	2307.5	64QAM	5MHz	12	0
Band40 (2305-2320)	20.99	38725	2307.5	64QAM	5MHz	12	6
Band40 (2305-2320)	20.99	38725	2307.5	64QAM	5MHz	12	13
Band40 (2305-2320)	20.31	38725	2307.5	64QAM	5MHz	25	0
Band40 (2305-2320)	21.51	38775	2312.5	64QAM	5MHz	1	0
Band40 (2305-2320)	21.43	38775	2312.5	64QAM	5MHz	1	12
Band40 (2305-2320)	21.52	38775	2312.5	64QAM	5MHz	1	24
Band40 (2305-2320)	20.9	38775	2312.5	64QAM	5MHz	12	0
Band40 (2305-2320)	20.88	38775	2312.5	64QAM	5MHz	12	6
Band40 (2305-2320)	20.89	38775	2312.5	64QAM	5MHz	12	13
Band40 (2305-2320)	20.21	38775	2312.5	64QAM	5MHz	25	0
Band40 (2305-2320)	20.99	38825	2317.5	64QAM	5MHz	1	0
Band40 (2305-2320)	20.97	38825	2317.5	64QAM	5MHz	1	12
Band40 (2305-2320)	20.99	38825	2317.5	64QAM	5MHz	1	24
Band40 (2305-2320)	21	38825	2317.5	64QAM	5MHz	12	0
Band40 (2305-2320)	21.07	38825	2317.5	64QAM	5MHz	12	6
Band40 (2305-2320)	21.02	38825	2317.5	64QAM	5MHz	12	11
Band40 (2305-2320)	20.51	38825	2317.5	64QAM	5MHz	25	0
Band40 (2305-2320)	22.82	38750	2310	QPSK	10MHz	1	0
Band40 (2305-2320)	22.74	38750	2310	QPSK	10MHz	1	24

Band40 (2305-2320)	22.64	38750	2310	QPSK	10MHz	1	49
Band40 (2305-2320)	22.52	38750	2310	QPSK	10MHz	25	0
Band40 (2305-2320)	22.37	38750	2310	QPSK	10MHz	25	12
Band40 (2305-2320)	22.38	38750	2310	QPSK	10MHz	25	25
Band40 (2305-2320)	21.74	38750	2310	QPSK	10MHz	50	0
Band40 (2305-2320)	22.81	38775	2312.5	QPSK	10MHz	1	0
Band40 (2305-2320)	22.71	38775	2312.5	QPSK	10MHz	1	24
Band40 (2305-2320)	22.67	38775	2312.5	QPSK	10MHz	1	49
Band40 (2305-2320)	22.39	38775	2312.5	QPSK	10MHz	25	0
Band40 (2305-2320)	22.31	38775	2312.5	QPSK	10MHz	25	12
Band40 (2305-2320)	22.42	38775	2312.5	QPSK	10MHz	25	25
Band40 (2305-2320)	21.78	38775	2312.5	QPSK	10MHz	50	0
Band40 (2305-2320)	22.79	38800	2315	QPSK	10MHz	1	0
Band40 (2305-2320)	22.73	38800	2315	QPSK	10MHz	1	24
Band40 (2305-2320)	22.76	38800	2315	QPSK	10MHz	1	49
Band40 (2305-2320)	22.17	38800	2315	QPSK	10MHz	25	0
Band40 (2305-2320)	22.23	38800	2315	QPSK	10MHz	25	12
Band40 (2305-2320)	22.28	38800	2315	QPSK	10MHz	25	25
Band40 (2305-2320)	21.64	38800	2315	QPSK	10MHz	50	0
Band40 (2305-2320)	22.4	38750	2310	16QAM	10MHz	1	0
Band40 (2305-2320)	22.45	38750	2310	16QAM	10MHz	1	24
Band40 (2305-2320)	22.32	38750	2310	16QAM	10MHz	1	49
Band40 (2305-2320)	21.84	38750	2310	16QAM	10MHz	25	0
Band40 (2305-2320)	21.72	38750	2310	16QAM	10MHz	25	12
Band40 (2305-2320)	21.68	38750	2310	16QAM	10MHz	25	25
Band40 (2305-2320)	21.1	38750	2310	16QAM	10MHz	50	0
Band40 (2305-2320)	22.3	38775	2312.5	16QAM	10MHz	1	0
Band40 (2305-2320)	22.31	38775	2312.5	16QAM	10MHz	1	24
Band40 (2305-2320)	22.21	38775	2312.5	16QAM	10MHz	1	49
Band40 (2305-2320)	21.66	38775	2312.5	16QAM	10MHz	25	0
Band40 (2305-2320)	21.6	38775	2312.5	16QAM	10MHz	25	12
Band40 (2305-2320)	21.78	38775	2312.5	16QAM	10MHz	25	25
Band40 (2305-2320)	21.01	38775	2312.5	16QAM	10MHz	50	0
Band40 (2305-2320)	21.7	38800	2315	16QAM	10MHz	1	0
Band40 (2305-2320)	21.79	38800	2315	16QAM	10MHz	1	24
Band40 (2305-2320)	21.71	38800	2315	16QAM	10MHz	1	49
Band40 (2305-2320)	21.72	38800	2315	16QAM	10MHz	25	0
Band40 (2305-2320)	21.8	38800	2315	16QAM	10MHz	25	12
Band40 (2305-2320)	21.86	38800	2315	16QAM	10MHz	25	25
Band40 (2305-2320)	21.32	38800	2315	16QAM	10MHz	50	0
Band40 (2305-2320)	21.67	38750	2310	64QAM	10MHz	1	0
Band40 (2305-2320)	21.54	38750	2310	64QAM	10MHz	1	24
Band40 (2305-2320)	21.47	38750	2310	64QAM	10MHz	1	49
Band40 (2305-2320)	20.91	38750	2310	64QAM	10MHz	25	0

Band40 (2305-2320)	21.01	38750	2310	64QAM	10MHz	25	12
Band40 (2305-2320)	20.93	38750	2310	64QAM	10MHz	25	25
Band40 (2305-2320)	20.23	38750	2310	64QAM	10MHz	50	0
Band40 (2305-2320)	21.47	38775	2312.5	64QAM	10MHz	1	0
Band40 (2305-2320)	21.44	38775	2312.5	64QAM	10MHz	1	24
Band40 (2305-2320)	21.6	38775	2312.5	64QAM	10MHz	1	49
Band40 (2305-2320)	20.91	38775	2312.5	64QAM	10MHz	25	0
Band40 (2305-2320)	20.91	38775	2312.5	64QAM	10MHz	25	12
Band40 (2305-2320)	20.8	38775	2312.5	64QAM	10MHz	25	25
Band40 (2305-2320)	20.15	38775	2312.5	64QAM	10MHz	50	0
Band40 (2305-2320)	20.97	38800	2315	64QAM	10MHz	1	0
Band40 (2305-2320)	20.93	38800	2315	64QAM	10MHz	1	24
Band40 (2305-2320)	20.92	38800	2315	64QAM	10MHz	1	49
Band40 (2305-2320)	20.93	38800	2315	64QAM	10MHz	25	0
Band40 (2305-2320)	21.04	38800	2315	64QAM	10MHz	25	12
Band40 (2305-2320)	21.11	38800	2315	64QAM	10MHz	25	25
Band40 (2305-2320)	20.49	38800	2315	64QAM	10MHz	50	0
Band40 (2305-2320)	22.84	38775	2312.5	QPSK	15MHz	1	0
Band40 (2305-2320)	22.76	38775	2312.5	QPSK	15MHz	1	37
Band40 (2305-2320)	22.67	38775	2312.5	QPSK	15MHz	1	74
Band40 (2305-2320)	22.58	38775	2312.5	QPSK	15MHz	36	0
Band40 (2305-2320)	22.42	38775	2312.5	QPSK	15MHz	36	19
Band40 (2305-2320)	22.38	38775	2312.5	QPSK	15MHz	36	39
Band40 (2305-2320)	21.82	38775	2312.5	QPSK	15MHz	75	0
Band40 (2305-2320)	22.47	38775	2312.5	16QAM	15MHz	1	0
Band40 (2305-2320)	22.43	38775	2312.5	16QAM	15MHz	1	37
Band40 (2305-2320)	22.28	38775	2312.5	16QAM	15MHz	1	74
Band40 (2305-2320)	21.91	38775	2312.5	16QAM	15MHz	36	0
Band40 (2305-2320)	21.77	38775	2312.5	16QAM	15MHz	36	19
Band40 (2305-2320)	21.74	38775	2312.5	16QAM	15MHz	36	39
Band40 (2305-2320)	21.05	38775	2312.5	16QAM	15MHz	75	0
Band40 (2305-2320)	21.63	38775	2312.5	64QAM	15MHz	1	0
Band40 (2305-2320)	21.6	38775	2312.5	64QAM	15MHz	1	37
Band40 (2305-2320)	21.5	38775	2312.5	64QAM	15MHz	1	74
Band40 (2305-2320)	20.92	38775	2312.5	64QAM	15MHz	36	0
Band40 (2305-2320)	20.96	38775	2312.5	64QAM	15MHz	36	19
Band40 (2305-2320)	21.01	38775	2312.5	64QAM	15MHz	36	39
Band40 (2305-2320)	20.19	38775	2312.5	64QAM	15MHz	75	0
Band40 (2345-2360)	22.74	39125	2347.5	QPSK	5MHz	1	0
Band40 (2345-2360)	22.71	39125	2347.5	QPSK	5MHz	1	12
Band40 (2345-2360)	22.54	39125	2347.5	QPSK	5MHz	1	24
Band40 (2345-2360)	22.43	39125	2347.5	QPSK	5MHz	12	0
Band40 (2345-2360)	22.42	39125	2347.5	QPSK	5MHz	12	6
Band40 (2350-2360)	22.35	39125	2347.5	QPSK	5MHz	12	13

Band40 (2345-2360)	21.72	39125	2347.5	QPSK	5MHz	25	0
Band40 (2345-2360)	22.79	39175	2352.5	QPSK	5MHz	1	0
Band40 (2345-2360)	22.74	39175	2352.5	QPSK	5MHz	1	12
Band40 (2345-2360)	22.78	39175	2352.5	QPSK	5MHz	1	24
Band40 (2345-2360)	22.53	39175	2352.5	QPSK	5MHz	12	0
Band40 (2345-2360)	22.5	39175	2352.5	QPSK	5MHz	12	6
Band40 (2345-2360)	22.36	39175	2352.5	QPSK	5MHz	12	13
Band40 (2345-2360)	21.67	39175	2352.5	QPSK	5MHz	25	0
Band40 (2345-2360)	22.77	39225	2357.5	QPSK	5MHz	1	0
Band40 (2345-2360)	22.78	39225	2357.5	QPSK	5MHz	1	12
Band40 (2345-2360)	22.72	39225	2357.5	QPSK	5MHz	1	24
Band40 (2345-2360)	22.16	39225	2357.5	QPSK	5MHz	12	0
Band40 (2345-2360)	22.31	39225	2357.5	QPSK	5MHz	12	6
Band40 (2345-2360)	22.2	39225	2357.5	QPSK	5MHz	12	13
Band40 (2345-2360)	21.73	39225	2357.5	QPSK	5MHz	25	0
Band40 (2345-2360)	22.38	39125	2347.5	16QAM	5MHz	1	0
Band40 (2345-2360)	22.27	39125	2347.5	16QAM	5MHz	1	12
Band40 (2345-2360)	22.21	39125	2347.5	16QAM	5MHz	1	24
Band40 (2345-2360)	21.76	39125	2347.5	16QAM	5MHz	12	0
Band40 (2345-2360)	21.76	39125	2347.5	16QAM	5MHz	12	6
Band40 (2345-2360)	21.67	39125	2347.5	16QAM	5MHz	12	13
Band40 (2345-2360)	21.14	39125	2347.5	16QAM	5MHz	25	0
Band40 (2345-2360)	22.23	39175	2352.5	16QAM	5MHz	1	0
Band40 (2345-2360)	22.32	39175	2352.5	16QAM	5MHz	1	12
Band40 (2345-2360)	22.31	39175	2352.5	16QAM	5MHz	1	24
Band40 (2345-2360)	21.68	39175	2352.5	16QAM	5MHz	12	0
Band40 (2345-2360)	21.62	39175	2352.5	16QAM	5MHz	12	6
Band40 (2345-2360)	21.6	39175	2352.5	16QAM	5MHz	12	13
Band40 (2345-2360)	20.98	39175	2352.5	16QAM	5MHz	25	0
Band40 (2345-2360)	21.76	39225	2357.5	16QAM	5MHz	1	0
Band40 (2345-2360)	21.74	39225	2357.5	16QAM	5MHz	1	12
Band40 (2345-2360)	21.8	39225	2357.5	16QAM	5MHz	1	24
Band40 (2345-2360)	21.81	39225	2357.5	16QAM	5MHz	12	0
Band40 (2345-2360)	21.9	39225	2357.5	16QAM	5MHz	12	6
Band40 (2345-2360)	21.77	39225	2357.5	16QAM	5MHz	12	11
Band40 (2345-2360)	21.23	39225	2357.5	16QAM	5MHz	25	0
Band40 (2345-2360)	21.63	39125	2347.5	64QAM	5MHz	1	0
Band40 (2345-2360)	21.48	39125	2347.5	64QAM	5MHz	1	12
Band40 (2345-2360)	21.5	39125	2347.5	64QAM	5MHz	1	24
Band40 (2345-2360)	21.05	39125	2347.5	64QAM	5MHz	12	0
Band40 (2345-2360)	20.95	39125	2347.5	64QAM	5MHz	12	6
Band40 (2345-2360)	20.99	39125	2347.5	64QAM	5MHz	12	13
Band40 (2345-2360)	20.21	39125	2347.5	64QAM	5MHz	25	0
Band40 (2345-2360)	21.43	39175	2352.5	64QAM	5MHz	1	0

Band40 (2345-2360)	21.51	39175	2352.5	64QAM	5MHz	1	12
Band40 (2345-2360)	21.58	39175	2352.5	64QAM	5MHz	1	24
Band40 (2345-2360)	21	39175	2352.5	64QAM	5MHz	12	0
Band40 (2345-2360)	20.84	39175	2352.5	64QAM	5MHz	12	6
Band40 (2345-2360)	20.87	39175	2352.5	64QAM	5MHz	12	13
Band40 (2345-2360)	20.2	39175	2352.5	64QAM	5MHz	25	0
Band40 (2345-2360)	21.06	39225	2357.5	64QAM	5MHz	1	0
Band40 (2345-2360)	20.92	39225	2357.5	64QAM	5MHz	1	12
Band40 (2345-2360)	20.93	39225	2357.5	64QAM	5MHz	1	24
Band40 (2345-2360)	20.9	39225	2357.5	64QAM	5MHz	12	0
Band40 (2345-2360)	21.01	39225	2357.5	64QAM	5MHz	12	6
Band40 (2345-2360)	20.99	39225	2357.5	64QAM	5MHz	12	11
Band40 (2345-2360)	20.57	39225	2357.5	64QAM	5MHz	25	0
Band40 (2345-2360)	22.8	39150	2350	QPSK	10MHz	1	0
Band40 (2345-2360)	22.73	39150	2350	QPSK	10MHz	1	24
Band40 (2345-2360)	22.57	39150	2350	QPSK	10MHz	1	49
Band40 (2345-2360)	22.61	39150	2350	QPSK	10MHz	25	0
Band40 (2345-2360)	22.29	39150	2350	QPSK	10MHz	25	12
Band40 (2345-2360)	22.32	39150	2350	QPSK	10MHz	25	25
Band40 (2345-2360)	21.8	39150	2350	QPSK	10MHz	50	0
Band40 (2345-2360)	22.81	39175	2352.5	QPSK	10MHz	1	0
Band40 (2345-2360)	22.64	39175	2352.5	QPSK	10MHz	1	24
Band40 (2345-2360)	22.75	39175	2352.5	QPSK	10MHz	1	49
Band40 (2345-2360)	22.48	39175	2352.5	QPSK	10MHz	25	0
Band40 (2345-2360)	22.23	39175	2352.5	QPSK	10MHz	25	12
Band40 (2345-2360)	22.42	39175	2352.5	QPSK	10MHz	25	25
Band40 (2345-2360)	21.7	39175	2352.5	QPSK	10MHz	50	0
Band40 (2345-2360)	22.82	39200	2355	QPSK	10MHz	1	0
Band40 (2345-2360)	22.74	39200	2355	QPSK	10MHz	1	24
Band40 (2345-2360)	22.71	39200	2355	QPSK	10MHz	1	49
Band40 (2345-2360)	22.21	39200	2355	QPSK	10MHz	25	0
Band40 (2345-2360)	22.24	39200	2355	QPSK	10MHz	25	12
Band40 (2345-2360)	22.3	39200	2355	QPSK	10MHz	25	25
Band40 (2345-2360)	21.55	39200	2355	QPSK	10MHz	50	0
Band40 (2345-2360)	22.39	39150	2350	16QAM	10MHz	1	0
Band40 (2345-2360)	22.55	39150	2350	16QAM	10MHz	1	24
Band40 (2345-2360)	22.25	39150	2350	16QAM	10MHz	1	49
Band40 (2345-2360)	21.8	39150	2350	16QAM	10MHz	25	0
Band40 (2345-2360)	21.79	39150	2350	16QAM	10MHz	25	12
Band40 (2345-2360)	21.65	39150	2350	16QAM	10MHz	25	25
Band40 (2345-2360)	21.01	39150	2350	16QAM	10MHz	50	0
Band40 (2345-2360)	22.29	39175	2352.5	16QAM	10MHz	1	0
Band40 (2345-2360)	22.24	39175	2352.5	16QAM	10MHz	1	24
Band40 (2345-2360)	22.24	39175	2352.5	16QAM	10MHz	1	49

Band40 (2345-2360)	21.74	39175	2352.5	16QAM	10MHz	25	0
Band40 (2345-2360)	21.61	39175	2352.5	16QAM	10MHz	25	12
Band40 (2345-2360)	21.8	39175	2352.5	16QAM	10MHz	25	25
Band40 (2345-2360)	20.95	39175	2352.5	16QAM	10MHz	50	0
Band40 (2345-2360)	21.73	39200	2355	16QAM	10MHz	1	0
Band40 (2345-2360)	21.69	39200	2355	16QAM	10MHz	1	24
Band40 (2345-2360)	21.66	39200	2355	16QAM	10MHz	1	49
Band40 (2345-2360)	21.7	39200	2355	16QAM	10MHz	25	0
Band40 (2345-2360)	21.71	39200	2355	16QAM	10MHz	25	12
Band40 (2345-2360)	21.83	39200	2355	16QAM	10MHz	25	25
Band40 (2345-2360)	21.38	39200	2355	16QAM	10MHz	50	0
Band40 (2345-2360)	21.57	39150	2350	64QAM	10MHz	1	0
Band40 (2345-2360)	21.45	39150	2350	64QAM	10MHz	1	24
Band40 (2345-2360)	21.39	39150	2350	64QAM	10MHz	1	49
Band40 (2345-2360)	20.94	39150	2350	64QAM	10MHz	25	0
Band40 (2345-2360)	21	39150	2350	64QAM	10MHz	25	12
Band40 (2345-2360)	20.99	39150	2350	64QAM	10MHz	25	25
Band40 (2345-2360)	20.3	39150	2350	64QAM	10MHz	50	0
Band40 (2345-2360)	21.57	39175	2352.5	64QAM	10MHz	1	0
Band40 (2345-2360)	21.36	39175	2352.5	64QAM	10MHz	1	24
Band40 (2345-2360)	21.65	39175	2352.5	64QAM	10MHz	1	49
Band40 (2345-2360)	21	39175	2352.5	64QAM	10MHz	25	0
Band40 (2345-2360)	20.86	39175	2352.5	64QAM	10MHz	25	12
Band40 (2345-2360)	20.87	39175	2352.5	64QAM	10MHz	25	25
Band40 (2345-2360)	20.16	39175	2352.5	64QAM	10MHz	50	0
Band40 (2345-2360)	20.89	39200	2355	64QAM	10MHz	1	0
Band40 (2345-2360)	20.88	39200	2355	64QAM	10MHz	1	24
Band40 (2345-2360)	21.01	39200	2355	64QAM	10MHz	1	49
Band40 (2345-2360)	20.89	39200	2355	64QAM	10MHz	25	0
Band40 (2345-2360)	21.05	39200	2355	64QAM	10MHz	25	12
Band40 (2345-2360)	21.02	39200	2355	64QAM	10MHz	25	25
Band40 (2345-2360)	20.4	39200	2355	64QAM	10MHz	50	0
Band40 (2345-2360)	22.83	39175	2352.5	QPSK	15MHz	1	0
Band40 (2345-2360)	22.66	39175	2352.5	QPSK	15MHz	1	37
Band40 (2345-2360)	22.57	39175	2352.5	QPSK	15MHz	1	74
Band40 (2345-2360)	22.57	39175	2352.5	QPSK	15MHz	36	0
Band40 (2345-2360)	22.32	39175	2352.5	QPSK	15MHz	36	19
Band40 (2345-2360)	22.44	39175	2352.5	QPSK	15MHz	36	39
Band40 (2345-2360)	21.74	39175	2352.5	QPSK	15MHz	75	0
Band40 (2345-2360)	22.47	39175	2352.5	16QAM	15MHz	1	0
Band40 (2345-2360)	22.37	39175	2352.5	16QAM	15MHz	1	37
Band40 (2345-2360)	22.27	39175	2352.5	16QAM	15MHz	1	74
Band40 (2345-2360)	21.96	39175	2352.5	16QAM	15MHz	36	0
Band40 (2345-2360)	21.81	39175	2352.5	16QAM	15MHz	36	19

Band40 (2345-2360)	21.78	39175	2352.5	16QAM	15MHz	36	39
Band40 (2345-2360)	20.96	39175	2352.5	16QAM	15MHz	75	0
Band40 (2345-2360)	21.68	39175	2352.5	64QAM	15MHz	1	0
Band40 (2345-2360)	21.55	39175	2352.5	64QAM	15MHz	1	37
Band40 (2345-2360)	21.53	39175	2352.5	64QAM	15MHz	1	74
Band40 (2345-2360)	20.97	39175	2352.5	64QAM	15MHz	36	0
Band40 (2345-2360)	21	39175	2352.5	64QAM	15MHz	36	19
Band40 (2345-2360)	21.06	39175	2352.5	64QAM	15MHz	36	39
Band40 (2345-2360)	20.17	39175	2352.5	64QAM	15MHz	75	0
Band41	22.82	39675	2498.5	QPSK	5MHz	1	0
Band41	22.64	39675	2498.5	QPSK	5MHz	1	12
Band41	22.63	39675	2498.5	QPSK	5MHz	1	24
Band41	22.38	39675	2498.5	QPSK	5MHz	12	0
Band41	22.46	39675	2498.5	QPSK	5MHz	12	6
Band41	22.28	39675	2498.5	QPSK	5MHz	12	13
Band41	21.58	39675	2498.5	QPSK	5MHz	25	0
Band41	22.66	40620	2593	QPSK	5MHz	1	0
Band41	22.64	40620	2593	QPSK	5MHz	1	12
Band41	22.63	40620	2593	QPSK	5MHz	1	24
Band41	22.46	40620	2593	QPSK	5MHz	12	0
Band41	22.34	40620	2593	QPSK	5MHz	12	6
Band41	22.05	40620	2593	QPSK	5MHz	12	13
Band41	21.65	40620	2593	QPSK	5MHz	25	0
Band41	22.66	41565	2687.5	QPSK	5MHz	1	0
Band41	22.64	41565	2687.5	QPSK	5MHz	1	12
Band41	22.4	41565	2687.5	QPSK	5MHz	1	24
Band41	22.45	41565	2687.5	QPSK	5MHz	12	0
Band41	22.34	41565	2687.5	QPSK	5MHz	12	6
Band41	22.22	41565	2687.5	QPSK	5MHz	12	13
Band41	21.82	41565	2687.5	QPSK	5MHz	25	0
Band41	22.14	39675	2498.5	16QAM	5MHz	1	0
Band41	22.22	39675	2498.5	16QAM	5MHz	1	12
Band41	22	39675	2498.5	16QAM	5MHz	1	24
Band41	21.56	39675	2498.5	16QAM	5MHz	12	0
Band41	21.54	39675	2498.5	16QAM	5MHz	12	6
Band41	21.52	39675	2498.5	16QAM	5MHz	12	13
Band41	21.07	39675	2498.5	16QAM	5MHz	25	0
Band41	22.17	40620	2593	16QAM	5MHz	1	0
Band41	22.12	40620	2593	16QAM	5MHz	1	12
Band41	22.09	40620	2593	16QAM	5MHz	1	24
Band41	21.98	40620	2593	16QAM	5MHz	12	0
Band41	21.84	40620	2593	16QAM	5MHz	12	6
Band41	21.68	40620	2593	16QAM	5MHz	12	13
Band41	21.12	40620	2593	16QAM	5MHz	25	0

Band41	22.3	41565	2687.5	16QAM	5MHz	1	0
Band41	22.18	41565	2687.5	16QAM	5MHz	1	12
Band41	22.08	41565	2687.5	16QAM	5MHz	1	24
Band41	21.8	41565	2687.5	16QAM	5MHz	12	0
Band41	21.82	41565	2687.5	16QAM	5MHz	12	6
Band41	21.67	41565	2687.5	16QAM	5MHz	12	11
Band41	21.05	41565	2687.5	16QAM	5MHz	25	0
Band41	21.4	39675	2498.5	64QAM	5MHz	1	0
Band41	21.27	39675	2498.5	64QAM	5MHz	1	12
Band41	21.21	39675	2498.5	64QAM	5MHz	1	24
Band41	20.75	39675	2498.5	64QAM	5MHz	12	0
Band41	20.8	39675	2498.5	64QAM	5MHz	12	6
Band41	20.77	39675	2498.5	64QAM	5MHz	12	13
Band41	20.16	39675	2498.5	64QAM	5MHz	25	0
Band41	21.35	40620	2593	64QAM	5MHz	1	0
Band41	21.29	40620	2593	64QAM	5MHz	1	12
Band41	21.23	40620	2593	64QAM	5MHz	1	24
Band41	21.12	40620	2593	64QAM	5MHz	12	0
Band41	21.19	40620	2593	64QAM	5MHz	12	6
Band41	21.08	40620	2593	64QAM	5MHz	12	13
Band41	20.27	40620	2593	64QAM	5MHz	25	0
Band41	21.49	41565	2687.5	64QAM	5MHz	1	0
Band41	21.29	41565	2687.5	64QAM	5MHz	1	12
Band41	21.29	41565	2687.5	64QAM	5MHz	1	24
Band41	20.98	41565	2687.5	64QAM	5MHz	12	0
Band41	20.99	41565	2687.5	64QAM	5MHz	12	6
Band41	20.88	41565	2687.5	64QAM	5MHz	12	11
Band41	20.31	41565	2687.5	64QAM	5MHz	25	0
Band41	22.78	39700	2501	QPSK	10MHz	1	0
Band41	22.75	39700	2501	QPSK	10MHz	1	24
Band41	22.5	39700	2501	QPSK	10MHz	1	49
Band41	22.46	39700	2501	QPSK	10MHz	25	0
Band41	22.43	39700	2501	QPSK	10MHz	25	12
Band41	22.13	39700	2501	QPSK	10MHz	25	25
Band41	21.62	39700	2501	QPSK	10MHz	50	0
Band41	22.7	40620	2593	QPSK	10MHz	1	0
Band41	22.65	40620	2593	QPSK	10MHz	1	24
Band41	22.62	40620	2593	QPSK	10MHz	1	49
Band41	22.46	40620	2593	QPSK	10MHz	25	0
Band41	22.34	40620	2593	QPSK	10MHz	25	12
Band41	22.09	40620	2593	QPSK	10MHz	25	25
Band41	21.75	40620	2593	QPSK	10MHz	50	0
Band41	22.71	41540	2685	QPSK	10MHz	1	0
Band41	22.61	41540	2685	QPSK	10MHz	1	24

Band41	22.44	41540	2685	QPSK	10MHz	1	49
Band41	22.42	41540	2685	QPSK	10MHz	25	0
Band41	22.33	41540	2685	QPSK	10MHz	25	12
Band41	22.17	41540	2685	QPSK	10MHz	25	25
Band41	21.83	41540	2685	QPSK	10MHz	50	0
Band41	22.22	39700	2501	16QAM	10MHz	1	0
Band41	22.08	39700	2501	16QAM	10MHz	1	24
Band41	21.96	39700	2501	16QAM	10MHz	1	49
Band41	21.52	39700	2501	16QAM	10MHz	25	0
Band41	21.58	39700	2501	16QAM	10MHz	25	12
Band41	21.58	39700	2501	16QAM	10MHz	25	25
Band41	21.06	39700	2501	16QAM	10MHz	50	0
Band41	22.27	40620	2593	16QAM	10MHz	1	0
Band41	22.16	40620	2593	16QAM	10MHz	1	24
Band41	22.03	40620	2593	16QAM	10MHz	1	49
Band41	21.87	40620	2593	16QAM	10MHz	25	0
Band41	21.88	40620	2593	16QAM	10MHz	25	12
Band41	21.76	40620	2593	16QAM	10MHz	25	25
Band41	21	40620	2593	16QAM	10MHz	50	0
Band41	22.26	41540	2685	16QAM	10MHz	1	0
Band41	22.12	41540	2685	16QAM	10MHz	1	24
Band41	22.05	41540	2685	16QAM	10MHz	1	49
Band41	21.81	41540	2685	16QAM	10MHz	25	0
Band41	21.74	41540	2685	16QAM	10MHz	25	12
Band41	21.54	41540	2685	16QAM	10MHz	25	25
Band41	20.98	41540	2685	16QAM	10MHz	50	0
Band41	21.42	39700	2501	64QAM	10MHz	1	0
Band41	21.25	39700	2501	64QAM	10MHz	1	24
Band41	21.23	39700	2501	64QAM	10MHz	1	49
Band41	20.89	39700	2501	64QAM	10MHz	25	0
Band41	20.78	39700	2501	64QAM	10MHz	25	12
Band41	20.71	39700	2501	64QAM	10MHz	25	25
Band41	20.24	39700	2501	64QAM	10MHz	50	0
Band41	21.44	40620	2593	64QAM	10MHz	1	0
Band41	21.29	40620	2593	64QAM	10MHz	1	24
Band41	21.27	40620	2593	64QAM	10MHz	1	49
Band41	21.04	40620	2593	64QAM	10MHz	25	0
Band41	21.19	40620	2593	64QAM	10MHz	25	12
Band41	20.99	40620	2593	64QAM	10MHz	25	25
Band41	20.3	40620	2593	64QAM	10MHz	50	0
Band41	21.52	41540	2685	64QAM	10MHz	1	0
Band41	21.33	41540	2685	64QAM	10MHz	1	24
Band41	21.32	41540	2685	64QAM	10MHz	1	49
Band41	20.97	41540	2685	64QAM	10MHz	25	0

Band41	20.9	41540	2685	64QAM	10MHz	25	12
Band41	20.83	41540	2685	64QAM	10MHz	25	25
Band41	20.26	41540	2685	64QAM	10MHz	50	0
Band41	22.77	39725	2503.5	QPSK	15MHz	1	0
Band41	22.67	39725	2503.5	QPSK	15MHz	1	37
Band41	22.54	39725	2503.5	QPSK	15MHz	1	74
Band41	22.48	39725	2503.5	QPSK	15MHz	36	0
Band41	22.44	39725	2503.5	QPSK	15MHz	36	19
Band41	22.21	39725	2503.5	QPSK	15MHz	36	39
Band41	21.7	39725	2503.5	QPSK	15MHz	75	0
Band41	22.73	40620	2593	QPSK	15MHz	1	0
Band41	22.65	40620	2593	QPSK	15MHz	1	37
Band41	22.61	40620	2593	QPSK	15MHz	1	74
Band41	22.53	40620	2593	QPSK	15MHz	36	0
Band41	22.3	40620	2593	QPSK	15MHz	36	19
Band41	22.1	40620	2593	QPSK	15MHz	36	39
Band41	21.7	40620	2593	QPSK	15MHz	75	0
Band41	22.62	41515	2682.5	QPSK	15MHz	1	0
Band41	22.61	41515	2682.5	QPSK	15MHz	1	37
Band41	22.49	41515	2682.5	QPSK	15MHz	1	74
Band41	22.41	41515	2682.5	QPSK	15MHz	36	0
Band41	22.38	41515	2682.5	QPSK	15MHz	36	19
Band41	22.14	41515	2682.5	QPSK	15MHz	36	39
Band41	21.74	41515	2682.5	QPSK	15MHz	75	0
Band41	22.11	39725	2503.5	16QAM	15MHz	1	0
Band41	22.05	39725	2503.5	16QAM	15MHz	1	37
Band41	22.01	39725	2503.5	16QAM	15MHz	1	74
Band41	21.53	39725	2503.5	16QAM	15MHz	36	0
Band41	21.61	39725	2503.5	16QAM	15MHz	36	19
Band41	21.59	39725	2503.5	16QAM	15MHz	36	39
Band41	20.96	39725	2503.5	16QAM	15MHz	75	0
Band41	22.26	40620	2593	16QAM	15MHz	1	0
Band41	22.09	40620	2593	16QAM	15MHz	1	37
Band41	22.11	40620	2593	16QAM	15MHz	1	74
Band41	21.9	40620	2593	16QAM	15MHz	36	0
Band41	21.94	40620	2593	16QAM	15MHz	36	19
Band41	21.77	40620	2593	16QAM	15MHz	36	39
Band41	20.99	40620	2593	16QAM	15MHz	75	0
Band41	22.28	41515	2682.5	16QAM	15MHz	1	0
Band41	22.21	41515	2682.5	16QAM	15MHz	1	37
Band41	22.13	41515	2682.5	16QAM	15MHz	1	74
Band41	21.78	41515	2682.5	16QAM	15MHz	36	0
Band41	21.74	41515	2682.5	16QAM	15MHz	36	19
Band41	21.65	41515	2682.5	16QAM	15MHz	36	39

Band41	21.03	41515	2682.5	16QAM	15MHz	75	0
Band41	21.44	39725	2503.5	64QAM	15MHz	1	0
Band41	21.39	39725	2503.5	64QAM	15MHz	1	37
Band41	21.26	39725	2503.5	64QAM	15MHz	1	74
Band41	20.83	39725	2503.5	64QAM	15MHz	36	0
Band41	20.82	39725	2503.5	64QAM	15MHz	36	19
Band41	20.73	39725	2503.5	64QAM	15MHz	36	39
Band41	20.21	39725	2503.5	64QAM	15MHz	75	0
Band41	21.42	40620	2593	64QAM	15MHz	1	0
Band41	21.33	40620	2593	64QAM	15MHz	1	37
Band41	21.17	40620	2593	64QAM	15MHz	1	74
Band41	21.14	40620	2593	64QAM	15MHz	36	0
Band41	21.14	40620	2593	64QAM	15MHz	36	19
Band41	21.08	40620	2593	64QAM	15MHz	36	39
Band41	20.32	40620	2593	64QAM	15MHz	75	0
Band41	21.54	41515	2682.5	64QAM	15MHz	1	0
Band41	21.34	41515	2682.5	64QAM	15MHz	1	37
Band41	21.33	41515	2682.5	64QAM	15MHz	1	74
Band41	20.98	41515	2682.5	64QAM	15MHz	36	0
Band41	20.99	41515	2682.5	64QAM	15MHz	36	19
Band41	20.8	41515	2682.5	64QAM	15MHz	36	39
Band41	20.25	41515	2682.5	64QAM	15MHz	75	0
Band41	22.85	39750	2506	QPSK	20MHz	1	0
Band41	22.74	39750	2506	QPSK	20MHz	1	49
Band41	22.6	39750	2506	QPSK	20MHz	1	99
Band41	22.52	39750	2506	QPSK	20MHz	50	0
Band41	22.44	39750	2506	QPSK	20MHz	50	25
Band41	22.25	39750	2506	QPSK	20MHz	50	50
Band41	21.72	39750	2506	QPSK	20MHz	100	0
Band41	22.78	40620	2593	QPSK	20MHz	1	0
Band41	22.67	40620	2593	QPSK	20MHz	1	49
Band41	22.65	40620	2593	QPSK	20MHz	1	99
Band41	22.55	40620	2593	QPSK	20MHz	50	0
Band41	22.42	40620	2593	QPSK	20MHz	50	25
Band41	22.18	40620	2593	QPSK	20MHz	50	50
Band41	21.74	40620	2593	QPSK	20MHz	100	0
Band41	22.74	41490	2680	QPSK	20MHz	1	0
Band41	22.68	41490	2680	QPSK	20MHz	1	49
Band41	22.54	41490	2680	QPSK	20MHz	1	99
Band41	22.52	41490	2680	QPSK	20MHz	50	0
Band41	22.4	41490	2680	QPSK	20MHz	50	25
Band41	22.22	41490	2680	QPSK	20MHz	50	50
Band41	21.83	41490	2680	QPSK	20MHz	100	0
Band41	22.24	39750	2506	16QAM	20MHz	1	0

Band41	22.15	39750	2506	16QAM	20MHz	1	49
Band41	22.07	39750	2506	16QAM	20MHz	1	99
Band41	21.62	39750	2506	16QAM	20MHz	50	0
Band41	21.66	39750	2506	16QAM	20MHz	50	25
Band41	21.63	39750	2506	16QAM	20MHz	50	50
Band41	21.09	39750	2506	16QAM	20MHz	100	0
Band41	22.27	40620	2593	16QAM	20MHz	1	0
Band41	22.22	40620	2593	16QAM	20MHz	1	49
Band41	22.11	40620	2593	16QAM	20MHz	1	99
Band41	21.98	40620	2593	16QAM	20MHz	50	0
Band41	21.92	40620	2593	16QAM	20MHz	50	25
Band41	21.82	40620	2593	16QAM	20MHz	50	50
Band41	21.1	40620	2593	16QAM	20MHz	100	0
Band41	22.33	41490	2680	16QAM	20MHz	1	0
Band41	22.19	41490	2680	16QAM	20MHz	1	49
Band41	22.1	41490	2680	16QAM	20MHz	1	99
Band41	21.88	41490	2680	16QAM	20MHz	50	0
Band41	21.81	41490	2680	16QAM	20MHz	50	25
Band41	21.67	41490	2680	16QAM	20MHz	50	50
Band41	21.11	41490	2680	16QAM	20MHz	100	0
Band41	21.5	39750	2506	64QAM	20MHz	1	0
Band41	21.36	39750	2506	64QAM	20MHz	1	49
Band41	21.27	39750	2506	64QAM	20MHz	1	99
Band41	20.87	39750	2506	64QAM	20MHz	50	0
Band41	20.88	39750	2506	64QAM	20MHz	50	25
Band41	20.8	39750	2506	64QAM	20MHz	50	50
Band41	20.31	39750	2506	64QAM	20MHz	100	0
Band41	21.48	40620	2593	64QAM	20MHz	1	0
Band41	21.4	40620	2593	64QAM	20MHz	1	49
Band41	21.28	40620	2593	64QAM	20MHz	1	99
Band41	21.17	40620	2593	64QAM	20MHz	50	0
Band41	21.19	40620	2593	64QAM	20MHz	50	25
Band41	21.07	40620	2593	64QAM	20MHz	50	50
Band41	20.29	40620	2593	64QAM	20MHz	100	0
Band41	21.59	41490	2680	64QAM	20MHz	1	0
Band41	21.4	41490	2680	64QAM	20MHz	1	49
Band41	21.37	41490	2680	64QAM	20MHz	1	99
Band41	21.1	41490	2680	64QAM	20MHz	50	0
Band41	21.02	41490	2680	64QAM	20MHz	50	25
Band41	20.91	41490	2680	64QAM	20MHz	50	50
Band41	20.34	41490	2680	64QAM	20MHz	100	0
Band66	23.27	131979	1710.7	QPSK	1.4MHz	1	0
Band66	23.08	131979	1710.7	QPSK	1.4MHz	1	2
Band66	23.01	131979	1710.7	QPSK	1.4MHz	1	5

Band66	22.79	131979	1710.7	QPSK	1.4MHz	3	0
Band66	22.79	131979	1710.7	QPSK	1.4MHz	3	1
Band66	22.62	131979	1710.7	QPSK	1.4MHz	3	3
Band66	22.03	131979	1710.7	QPSK	1.4MHz	6	0
Band66	23.24	132322	1745	QPSK	1.4MHz	1	0
Band66	23.16	132322	1745	QPSK	1.4MHz	1	2
Band66	23.1	132322	1745	QPSK	1.4MHz	1	5
Band66	23.02	132322	1745	QPSK	1.4MHz	3	0
Band66	22.77	132322	1745	QPSK	1.4MHz	3	1
Band66	22.81	132322	1745	QPSK	1.4MHz	3	3
Band66	22.18	132322	1745	QPSK	1.4MHz	6	0
Band66	23.29	132665	1779.3	QPSK	1.4MHz	1	0
Band66	23.18	132665	1779.3	QPSK	1.4MHz	1	2
Band66	23.15	132665	1779.3	QPSK	1.4MHz	1	5
Band66	23.03	132665	1779.3	QPSK	1.4MHz	3	0
Band66	22.88	132665	1779.3	QPSK	1.4MHz	3	1
Band66	22.83	132665	1779.3	QPSK	1.4MHz	3	3
Band66	22.2	132665	1779.3	QPSK	1.4MHz	6	0
Band66	22.45	131979	1710.7	16QAM	1.4MHz	1	0
Band66	22.61	131979	1710.7	16QAM	1.4MHz	1	2
Band66	22.43	131979	1710.7	16QAM	1.4MHz	1	5
Band66	22.37	131979	1710.7	16QAM	1.4MHz	3	0
Band66	22.43	131979	1710.7	16QAM	1.4MHz	3	1
Band66	22.43	131979	1710.7	16QAM	1.4MHz	3	3
Band66	21.36	131979	1710.7	16QAM	1.4MHz	6	0
Band66	22.37	132322	1745	16QAM	1.4MHz	1	0
Band66	22.44	132322	1745	16QAM	1.4MHz	1	2
Band66	22.37	132322	1745	16QAM	1.4MHz	1	5
Band66	22.3	132322	1745	16QAM	1.4MHz	3	0
Band66	22.3	132322	1745	16QAM	1.4MHz	3	1
Band66	22.33	132322	1745	16QAM	1.4MHz	3	3
Band66	21.3	132322	1745	16QAM	1.4MHz	6	0
Band66	22.37	132665	1779.3	16QAM	1.4MHz	1	0
Band66	22.4	132665	1779.3	16QAM	1.4MHz	1	2
Band66	22.37	132665	1779.3	16QAM	1.4MHz	1	5
Band66	22.21	132665	1779.3	16QAM	1.4MHz	3	0
Band66	22.21	132665	1779.3	16QAM	1.4MHz	3	1
Band66	22.2	132665	1779.3	16QAM	1.4MHz	3	3
Band66	21.29	132665	1779.3	16QAM	1.4MHz	6	0
Band66	21.46	131979	1710.7	64QAM	1.4MHz	1	0
Band66	21.65	131979	1710.7	64QAM	1.4MHz	1	2
Band66	21.61	131979	1710.7	64QAM	1.4MHz	1	5
Band66	21.41	131979	1710.7	64QAM	1.4MHz	3	0
Band66	21.49	131979	1710.7	64QAM	1.4MHz	3	1

Band66	21.48	131979	1710.7	64QAM	1.4MHz	3	3
Band66	20.35	131979	1710.7	64QAM	1.4MHz	6	0
Band66	21.63	132322	1745	64QAM	1.4MHz	1	0
Band66	21.76	132322	1745	64QAM	1.4MHz	1	2
Band66	21.59	132322	1745	64QAM	1.4MHz	1	5
Band66	21.6	132322	1745	64QAM	1.4MHz	3	0
Band66	21.49	132322	1745	64QAM	1.4MHz	3	1
Band66	21.54	132322	1745	64QAM	1.4MHz	3	3
Band66	20.51	132322	1745	64QAM	1.4MHz	6	0
Band66	21.55	132665	1779.3	64QAM	1.4MHz	1	0
Band66	21.7	132665	1779.3	64QAM	1.4MHz	1	2
Band66	21.54	132665	1779.3	64QAM	1.4MHz	1	5
Band66	21.33	132665	1779.3	64QAM	1.4MHz	3	0
Band66	21.43	132665	1779.3	64QAM	1.4MHz	3	1
Band66	21.42	132665	1779.3	64QAM	1.4MHz	3	3
Band66	20.47	132665	1779.3	64QAM	1.4MHz	6	0
Band66	23.21	131987	1711.5	QPSK	3MHz	1	0
Band66	23.14	131987	1711.5	QPSK	3MHz	1	7
Band66	23.05	131987	1711.5	QPSK	3MHz	1	14
Band66	22.99	131987	1711.5	QPSK	3MHz	8	0
Band66	22.82	131987	1711.5	QPSK	3MHz	8	3
Band66	22.75	131987	1711.5	QPSK	3MHz	8	7
Band66	22.17	131987	1711.5	QPSK	3MHz	15	0
Band66	23.27	132322	1745	QPSK	3MHz	1	0
Band66	23.14	132322	1745	QPSK	3MHz	1	7
Band66	23.02	132322	1745	QPSK	3MHz	1	14
Band66	22.81	132322	1745	QPSK	3MHz	8	0
Band66	22.76	132322	1745	QPSK	3MHz	8	3
Band66	22.69	132322	1745	QPSK	3MHz	8	7
Band66	22.01	132322	1745	QPSK	3MHz	15	0
Band66	23.24	132657	1778.5	QPSK	3MHz	1	0
Band66	23.22	132657	1778.5	QPSK	3MHz	1	7
Band66	23.11	132657	1778.5	QPSK	3MHz	1	14
Band66	23.08	132657	1778.5	QPSK	3MHz	8	0
Band66	22.95	132657	1778.5	QPSK	3MHz	8	3
Band66	22.86	132657	1778.5	QPSK	3MHz	8	7
Band66	22.24	132657	1778.5	QPSK	3MHz	15	0
Band66	22.37	131987	1711.5	16QAM	3MHz	1	0
Band66	22.47	131987	1711.5	16QAM	3MHz	1	7
Band66	22.43	131987	1711.5	16QAM	3MHz	1	14
Band66	22.37	131987	1711.5	16QAM	3MHz	8	0
Band66	22.3	131987	1711.5	16QAM	3MHz	8	3
Band66	22.33	131987	1711.5	16QAM	3MHz	8	7
Band66	21.28	131987	1711.5	16QAM	3MHz	15	0

Band66	22.37	132322	1745	16QAM	3MHz	1	0
Band66	22.44	132322	1745	16QAM	3MHz	1	7
Band66	22.43	132322	1745	16QAM	3MHz	1	14
Band66	22.18	132322	1745	16QAM	3MHz	8	0
Band66	22.26	132322	1745	16QAM	3MHz	8	3
Band66	22.17	132322	1745	16QAM	3MHz	8	7
Band66	21.28	132322	1745	16QAM	3MHz	15	0
Band66	22.49	132657	1778.5	16QAM	3MHz	1	0
Band66	22.62	132657	1778.5	16QAM	3MHz	1	7
Band66	22.47	132657	1778.5	16QAM	3MHz	1	14
Band66	22.37	132657	1778.5	16QAM	3MHz	8	0
Band66	22.41	132657	1778.5	16QAM	3MHz	8	3
Band66	22.44	132657	1778.5	16QAM	3MHz	8	7
Band66	21.41	132657	1778.5	16QAM	3MHz	15	0
Band66	21.7	131987	1711.5	64QAM	3MHz	1	0
Band66	21.74	131987	1711.5	64QAM	3MHz	1	7
Band66	21.61	131987	1711.5	64QAM	3MHz	1	14
Band66	21.58	131987	1711.5	64QAM	3MHz	8	0
Band66	21.52	131987	1711.5	64QAM	3MHz	8	3
Band66	21.59	131987	1711.5	64QAM	3MHz	8	7
Band66	20.57	131987	1711.5	64QAM	3MHz	15	0
Band66	21.59	132322	1745	64QAM	3MHz	1	0
Band66	21.7	132322	1745	64QAM	3MHz	1	7
Band66	21.59	132322	1745	64QAM	3MHz	1	14
Band66	21.32	132322	1745	64QAM	3MHz	8	0
Band66	21.41	132322	1745	64QAM	3MHz	8	3
Band66	21.39	132322	1745	64QAM	3MHz	8	7
Band66	20.45	132322	1745	64QAM	3MHz	15	0
Band66	21.49	132657	1778.5	64QAM	3MHz	1	0
Band66	21.57	132657	1778.5	64QAM	3MHz	1	7
Band66	21.53	132657	1778.5	64QAM	3MHz	1	14
Band66	21.48	132657	1778.5	64QAM	3MHz	8	0
Band66	21.55	132657	1778.5	64QAM	3MHz	8	3
Band66	21.5	132657	1778.5	64QAM	3MHz	8	7
Band66	20.35	132657	1778.5	64QAM	3MHz	15	0
Band66	23.23	131997	1712.5	QPSK	5MHz	1	0
Band66	23.14	131997	1712.5	QPSK	5MHz	1	12
Band66	22.98	131997	1712.5	QPSK	5MHz	1	24
Band66	22.8	131997	1712.5	QPSK	5MHz	12	0
Band66	22.73	131997	1712.5	QPSK	5MHz	12	6
Band66	22.64	131997	1712.5	QPSK	5MHz	12	13
Band66	22.05	131997	1712.5	QPSK	5MHz	25	0
Band66	23.27	132322	1745	QPSK	5MHz	1	0
Band66	23.22	132322	1745	QPSK	5MHz	1	12

Band66	23.02	132322	1745	QPSK	5MHz	1	24
Band66	23.01	132322	1745	QPSK	5MHz	12	0
Band66	22.84	132322	1745	QPSK	5MHz	12	6
Band66	22.81	132322	1745	QPSK	5MHz	12	13
Band66	22.12	132322	1745	QPSK	5MHz	25	0
Band66	23.31	232647	1777.5	QPSK	5MHz	1	0
Band66	23.25	232647	1777.5	QPSK	5MHz	1	12
Band66	23.09	232647	1777.5	QPSK	5MHz	1	24
Band66	23.08	232647	1777.5	QPSK	5MHz	12	0
Band66	22.97	232647	1777.5	QPSK	5MHz	12	6
Band66	22.9	232647	1777.5	QPSK	5MHz	12	13
Band66	22.16	232647	1777.5	QPSK	5MHz	25	0
Band66	22.41	131997	1712.5	16QAM	5MHz	1	0
Band66	22.47	131997	1712.5	16QAM	5MHz	1	12
Band66	22.37	131997	1712.5	16QAM	5MHz	1	24
Band66	22.37	131997	1712.5	16QAM	5MHz	12	0
Band66	22.38	131997	1712.5	16QAM	5MHz	12	6
Band66	22.27	131997	1712.5	16QAM	5MHz	12	13
Band66	21.22	131997	1712.5	16QAM	5MHz	25	0
Band66	22.48	132322	1745	16QAM	5MHz	1	0
Band66	22.58	132322	1745	16QAM	5MHz	1	12
Band66	22.44	132322	1745	16QAM	5MHz	1	24
Band66	22.38	132322	1745	16QAM	5MHz	12	0
Band66	22.38	132322	1745	16QAM	5MHz	12	6
Band66	22.44	132322	1745	16QAM	5MHz	12	13
Band66	21.33	132322	1745	16QAM	5MHz	25	0
Band66	22.37	232647	1777.5	16QAM	5MHz	1	0
Band66	22.38	232647	1777.5	16QAM	5MHz	1	12
Band66	22.46	232647	1777.5	16QAM	5MHz	1	24
Band66	22.16	232647	1777.5	16QAM	5MHz	12	0
Band66	22.19	232647	1777.5	16QAM	5MHz	12	6
Band66	22.17	232647	1777.5	16QAM	5MHz	12	11
Band66	21.26	232647	1777.5	16QAM	5MHz	25	0
Band66	21.64	131997	1712.5	64QAM	5MHz	1	0
Band66	21.77	131997	1712.5	64QAM	5MHz	1	12
Band66	21.58	131997	1712.5	64QAM	5MHz	1	24
Band66	21.6	131997	1712.5	64QAM	5MHz	12	0
Band66	21.5	131997	1712.5	64QAM	5MHz	12	6
Band66	21.53	131997	1712.5	64QAM	5MHz	12	13
Band66	20.57	131997	1712.5	64QAM	5MHz	25	0
Band66	21.52	132322	1745	64QAM	5MHz	1	0
Band66	21.62	132322	1745	64QAM	5MHz	1	12
Band66	21.6	132322	1745	64QAM	5MHz	1	24
Band66	21.44	132322	1745	64QAM	5MHz	12	0

Band66	21.48	132322	1745	64QAM	5MHz	12	6
Band66	21.55	132322	1745	64QAM	5MHz	12	13
Band66	20.33	132322	1745	64QAM	5MHz	25	0
Band66	21.56	232647	1777.5	64QAM	5MHz	1	0
Band66	21.64	232647	1777.5	64QAM	5MHz	1	12
Band66	21.54	232647	1777.5	64QAM	5MHz	1	24
Band66	21.3	232647	1777.5	64QAM	5MHz	12	0
Band66	21.4	232647	1777.5	64QAM	5MHz	12	6
Band66	21.45	232647	1777.5	64QAM	5MHz	12	11
Band66	20.45	232647	1777.5	64QAM	5MHz	25	0
Band66	23.22	132022	1715	QPSK	10MHz	1	0
Band66	23.11	132022	1715	QPSK	10MHz	1	24
Band66	22.97	132022	1715	QPSK	10MHz	1	49
Band66	22.85	132022	1715	QPSK	10MHz	25	0
Band66	22.76	132022	1715	QPSK	10MHz	25	12
Band66	22.67	132022	1715	QPSK	10MHz	25	25
Band66	22.08	132022	1715	QPSK	10MHz	50	0
Band66	23.28	132322	1745	QPSK	10MHz	1	0
Band66	23.18	132322	1745	QPSK	10MHz	1	24
Band66	23.1	132322	1745	QPSK	10MHz	1	49
Band66	23.02	132322	1745	QPSK	10MHz	25	0
Band66	22.82	132322	1745	QPSK	10MHz	25	12
Band66	22.74	132322	1745	QPSK	10MHz	25	25
Band66	22.21	132322	1745	QPSK	10MHz	50	0
Band66	23.32	132622	1775	QPSK	10MHz	1	0
Band66	23.26	132622	1775	QPSK	10MHz	1	24
Band66	23.16	132622	1775	QPSK	10MHz	1	49
Band66	23.06	132622	1775	QPSK	10MHz	25	0
Band66	22.97	132622	1775	QPSK	10MHz	25	12
Band66	22.84	132622	1775	QPSK	10MHz	25	25
Band66	22.23	132622	1775	QPSK	10MHz	50	0
Band66	22.34	132022	1715	16QAM	10MHz	1	0
Band66	22.49	132022	1715	16QAM	10MHz	1	24
Band66	22.36	132022	1715	16QAM	10MHz	1	49
Band66	22.32	132022	1715	16QAM	10MHz	25	0
Band66	22.33	132022	1715	16QAM	10MHz	25	12
Band66	22.33	132022	1715	16QAM	10MHz	25	25
Band66	21.27	132022	1715	16QAM	10MHz	50	0
Band66	22.46	132322	1745	16QAM	10MHz	1	0
Band66	22.64	132322	1745	16QAM	10MHz	1	24
Band66	22.45	132322	1745	16QAM	10MHz	1	49
Band66	22.41	132322	1745	16QAM	10MHz	25	0
Band66	22.43	132322	1745	16QAM	10MHz	25	12
Band66	22.41	132322	1745	16QAM	10MHz	25	25

Band66	21.38	132322	1745	16QAM	10MHz	50	0
Band66	22.43	132622	1775	16QAM	10MHz	1	0
Band66	22.37	132622	1775	16QAM	10MHz	1	24
Band66	22.41	132622	1775	16QAM	10MHz	1	49
Band66	22.18	132622	1775	16QAM	10MHz	25	0
Band66	22.26	132622	1775	16QAM	10MHz	25	12
Band66	22.21	132622	1775	16QAM	10MHz	25	25
Band66	21.24	132622	1775	16QAM	10MHz	50	0
Band66	21.69	132022	1715	64QAM	10MHz	1	0
Band66	21.78	132022	1715	64QAM	10MHz	1	24
Band66	21.62	132022	1715	64QAM	10MHz	1	49
Band66	21.56	132022	1715	64QAM	10MHz	25	0
Band66	21.54	132022	1715	64QAM	10MHz	25	12
Band66	21.63	132022	1715	64QAM	10MHz	25	25
Band66	20.53	132022	1715	64QAM	10MHz	50	0
Band66	21.6	132322	1745	64QAM	10MHz	1	0
Band66	21.63	132322	1745	64QAM	10MHz	1	24
Band66	21.62	132322	1745	64QAM	10MHz	1	49
Band66	21.33	132322	1745	64QAM	10MHz	25	0
Band66	21.41	132322	1745	64QAM	10MHz	25	12
Band66	21.42	132322	1745	64QAM	10MHz	25	25
Band66	20.42	132322	1745	64QAM	10MHz	50	0
Band66	21.5	132622	1775	64QAM	10MHz	1	0
Band66	21.57	132622	1775	64QAM	10MHz	1	24
Band66	21.59	132622	1775	64QAM	10MHz	1	49
Band66	21.41	132622	1775	64QAM	10MHz	25	0
Band66	21.5	132622	1775	64QAM	10MHz	25	12
Band66	21.52	132622	1775	64QAM	10MHz	25	25
Band66	20.34	132622	1775	64QAM	10MHz	50	0
Band66	23.3	132047	1717.5	QPSK	15MHz	1	0
Band66	23.13	132047	1717.5	QPSK	15MHz	1	37
Band66	23.04	132047	1717.5	QPSK	15MHz	1	74
Band66	22.79	132047	1717.5	QPSK	15MHz	36	0
Band66	22.77	132047	1717.5	QPSK	15MHz	36	19
Band66	22.69	132047	1717.5	QPSK	15MHz	36	39
Band66	22.08	132047	1717.5	QPSK	15MHz	75	0
Band66	23.2	132322	1745	QPSK	15MHz	1	0
Band66	23.14	132322	1745	QPSK	15MHz	1	37
Band66	23.06	132322	1745	QPSK	15MHz	1	74
Band66	22.97	132322	1745	QPSK	15MHz	36	0
Band66	22.8	132322	1745	QPSK	15MHz	36	19
Band66	22.83	132322	1745	QPSK	15MHz	36	39
Band66	22.19	132322	1745	QPSK	15MHz	75	0
Band66	23.27	132597	1772.5	QPSK	15MHz	1	0

Band66	23.25	132597	1772.5	QPSK	15MHz	1	37
Band66	23.17	132597	1772.5	QPSK	15MHz	1	74
Band66	23.01	132597	1772.5	QPSK	15MHz	36	0
Band66	22.98	132597	1772.5	QPSK	15MHz	36	19
Band66	22.87	132597	1772.5	QPSK	15MHz	36	39
Band66	22.2	132597	1772.5	QPSK	15MHz	75	0
Band66	22.38	132047	1717.5	16QAM	15MHz	1	0
Band66	22.44	132047	1717.5	16QAM	15MHz	1	37
Band66	22.41	132047	1717.5	16QAM	15MHz	1	74
Band66	22.32	132047	1717.5	16QAM	15MHz	36	0
Band66	22.28	132047	1717.5	16QAM	15MHz	36	19
Band66	22.32	132047	1717.5	16QAM	15MHz	36	39
Band66	21.26	132047	1717.5	16QAM	15MHz	75	0
Band66	22.4	132322	1745	16QAM	15MHz	1	0
Band66	22.4	132322	1745	16QAM	15MHz	1	37
Band66	22.44	132322	1745	16QAM	15MHz	1	74
Band66	22.21	132322	1745	16QAM	15MHz	36	0
Band66	22.18	132322	1745	16QAM	15MHz	36	19
Band66	22.15	132322	1745	16QAM	15MHz	36	39
Band66	21.28	132322	1745	16QAM	15MHz	75	0
Band66	22.47	132597	1772.5	16QAM	15MHz	1	0
Band66	22.63	132597	1772.5	16QAM	15MHz	1	37
Band66	22.47	132597	1772.5	16QAM	15MHz	1	74
Band66	22.4	132597	1772.5	16QAM	15MHz	36	0
Band66	22.43	132597	1772.5	16QAM	15MHz	36	19
Band66	22.46	132597	1772.5	16QAM	15MHz	36	39
Band66	21.34	132597	1772.5	16QAM	15MHz	75	0
Band66	21.5	132047	1717.5	64QAM	15MHz	1	0
Band66	21.6	132047	1717.5	64QAM	15MHz	1	37
Band66	21.55	132047	1717.5	64QAM	15MHz	1	74
Band66	21.47	132047	1717.5	64QAM	15MHz	36	0
Band66	21.58	132047	1717.5	64QAM	15MHz	36	19
Band66	21.51	132047	1717.5	64QAM	15MHz	36	39
Band66	20.37	132047	1717.5	64QAM	15MHz	75	0
Band66	21.69	132322	1745	64QAM	15MHz	1	0
Band66	21.82	132322	1745	64QAM	15MHz	1	37
Band66	21.56	132322	1745	64QAM	15MHz	1	74
Band66	21.62	132322	1745	64QAM	15MHz	36	0
Band66	21.5	132322	1745	64QAM	15MHz	36	19
Band66	21.53	132322	1745	64QAM	15MHz	36	39
Band66	20.54	132322	1745	64QAM	15MHz	75	0
Band66	21.61	132597	1772.5	64QAM	15MHz	1	0
Band66	21.65	132597	1772.5	64QAM	15MHz	1	37
Band66	21.57	132597	1772.5	64QAM	15MHz	1	74

Band66	21.28	132597	1772.5	64QAM	15MHz	36	0
Band66	21.46	132597	1772.5	64QAM	15MHz	36	19
Band66	21.41	132597	1772.5	64QAM	15MHz	36	39
Band66	20.4	132597	1772.5	64QAM	15MHz	75	0
Band66	23.31	132072	1720	QPSK	20MHz	1	0
Band66	23.17	132072	1720	QPSK	20MHz	1	49
Band66	23.06	132072	1720	QPSK	20MHz	1	99
Band66	22.87	132072	1720	QPSK	20MHz	50	0
Band66	22.8	132072	1720	QPSK	20MHz	50	25
Band66	22.71	132072	1720	QPSK	20MHz	50	50
Band66	22.1	132072	1720	QPSK	20MHz	100	0
Band66	23.28	132322	1745	QPSK	20MHz	1	0
Band66	23.22	132322	1745	QPSK	20MHz	1	49
Band66	23.11	132322	1745	QPSK	20MHz	1	99
Band66	23.04	132322	1745	QPSK	20MHz	50	0
Band66	22.86	132322	1745	QPSK	20MHz	50	25
Band66	22.83	132322	1745	QPSK	20MHz	50	50
Band66	22.21	132322	1745	QPSK	20MHz	100	0
Band66	23.35	132572	1770	QPSK	20MHz	1	0
Band66	23.26	132572	1770	QPSK	20MHz	1	49
Band66	23.19	132572	1770	QPSK	20MHz	1	99
Band66	23.1	132572	1770	QPSK	20MHz	50	0
Band66	22.98	132572	1770	QPSK	20MHz	50	25
Band66	22.93	132572	1770	QPSK	20MHz	50	50
Band66	22.25	132572	1770	QPSK	20MHz	100	0
Band66	22.51	132072	1720	16QAM	20MHz	1	0
Band66	22.44	132072	1720	16QAM	20MHz	1	49
Band66	22.38	132072	1720	16QAM	20MHz	1	99
Band66	22.29	132072	1720	16QAM	20MHz	50	0
Band66	22.21	132072	1720	16QAM	20MHz	50	25
Band66	22.18	132072	1720	16QAM	20MHz	50	50
Band66	21.31	132072	1720	16QAM	20MHz	100	0
Band66	22.64	132322	1745	16QAM	20MHz	1	0
Band66	22.55	132322	1745	16QAM	20MHz	1	49
Band66	22.41	132322	1745	16QAM	20MHz	1	99
Band66	22.31	132322	1745	16QAM	20MHz	50	0
Band66	22.22	132322	1745	16QAM	20MHz	50	25
Band66	22.13	132322	1745	16QAM	20MHz	50	50
Band66	21.41	132322	1745	16QAM	20MHz	100	0
Band66	22.47	132572	1770	16QAM	20MHz	1	0
Band66	22.32	132572	1770	16QAM	20MHz	1	49
Band66	22.4	132572	1770	16QAM	20MHz	1	99
Band66	22.23	132572	1770	16QAM	20MHz	50	0
Band66	22.26	132572	1770	16QAM	20MHz	50	25

Band66	22.25	132572	1770	16QAM	20MHz	50	50
Band66	21.31	132572	1770	16QAM	20MHz	100	0
Band66	21.62	132072	1720	64QAM	20MHz	1	0
Band66	21.73	132072	1720	64QAM	20MHz	1	49
Band66	21.64	132072	1720	64QAM	20MHz	1	99
Band66	21.37	132072	1720	64QAM	20MHz	50	0
Band66	21.46	132072	1720	64QAM	20MHz	50	25
Band66	21.47	132072	1720	64QAM	20MHz	50	50
Band66	20.49	132072	1720	64QAM	20MHz	100	0
Band66	21.71	132322	1745	64QAM	20MHz	1	0
Band66	21.83	132322	1745	64QAM	20MHz	1	49
Band66	21.64	132322	1745	64QAM	20MHz	1	99
Band66	21.65	132322	1745	64QAM	20MHz	50	0
Band66	21.57	132322	1745	64QAM	20MHz	50	25
Band66	21.63	132322	1745	64QAM	20MHz	50	50
Band66	20.6	132322	1745	64QAM	20MHz	100	0
Band66	21.56	132572	1770	64QAM	20MHz	1	0
Band66	21.66	132572	1770	64QAM	20MHz	1	49
Band66	21.61	132572	1770	64QAM	20MHz	1	99
Band66	21.51	132572	1770	64QAM	20MHz	50	0
Band66	21.58	132572	1770	64QAM	20MHz	50	25
Band66	21.58	132572	1770	64QAM	20MHz	50	50
Band66	20.42	132572	1770	64QAM	20MHz	100	0