Appendix E RF Conducted Powers

Appendix E.1 WCDMA

Mode	3GPP 34.121	WCDMA II Band Power (dBm)		
Channel	Subtest	9262	9400	9538
Frequency		1852.40	1880.00	1907.60
WCDMA	12.2 Kbps AMR	23.47	23.49	23.43
	12.2 Kbps RMC	24.17	24.25	24.23
HSDPA	Subtest 1	23.06	23.23	23.29
	Subtest 2	22.80	23.22	23.29
	Subtest 3	22.29	23.30	22.37
	Subtest 4	22.31	23.31	22.38
HSUPA	Subtest 1	22.81	22.80	22.89
	Subtest 2	20.84	20.83	20.90
	Subtest 3	21.80	21.82	21.87
	Subtest 4	20.81	20.83	20.88
	Subtest 5	22.82	22.82	22.88
DC-HSDPA	Subtest 1	23.00	22.90	23.02
	Subtest 2	22.80	23.20	23.20
	Subtest 3	22.20	23.00	23.00
	Subtest 4	22.30	23.00	22.00

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Mode	3GPP 34.121	WCDMA IV Band Power (dBm)		
Channel	Subtest	1312	1413	1513
Frequency		1712.40	1732.60	1752.60
WCDMA	12.2 Kbps AMR	22.57	22.59	22.51
	12.2 Kbps RMC	23.47	23.59	23.54
HSDPA	Subtest 1	22.49	22.56	22.53
	Subtest 2	22.50	22.52	22.47
	Subtest 3	21.67	21.67	21.68
	Subtest 4	21.55	21.66	21.68
HSUPA	Subtest 1	22.13	22.17	22.17
	Subtest 2	20.11	20.17	20.16
	Subtest 3	21.10	21.17	21.18
	Subtest 4	20.14	20.17	20.17
	Subtest 5	22.12	22.18	22.18
DC-HSDPA	Subtest 1	22.40	22.50	22.50
	Subtest 2	22.50	22.52	22.40
	Subtest 3	21.67	21.60	21.50
	Subtest 4	21.50	21.60	21.60

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Mode	3GPP 34.121	WCDMA V Band Power (dBm)		
Channel	Subtest	4132	4183	4233
Frequency		826.40	836.60	846.60
WCDMA	12.2 Kbps AMR	23.20	23.26	23.26
	12.2 Kbps RMC	24.51	24.53	24.38
HSDPA	Subtest 1	23.52	23.55	23.46
	Subtest 2	23.54	23.54	23.45
	Subtest 3	23.06	23.01	22.94
	Subtest 4	23.05	23.02	22.94
HSUPA	Subtest 1	23.52	23.54	23.44
	Subtest 2	21.52	21.51	21.42
	Subtest 3	22.50	22.53	22.44
	Subtest 4	21.52	21.54	21.43
	Subtest 5	23.53	23.55	23.43
DC-HSDPA	Subtest 1	23.50	23.50	23.40
	Subtest 2	23.50	23.55	23.45
	Subtest 3	23.06	23.00	22.94
	Subtest 4	23.05	23.00	22.94

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Appendix E.2 LTE

LTE Band 2

LTE Band2 1.4MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			18607 (1850.7 MHz)	18900 (1880.0 MHz)	19193 (1909.3 MHz)
			Conducted Power [dBm]		
QPSK	1	0	24.03	23.83	23.97
	1	2	24.04	23.94	24.04
	1	5	24.00	23.88	23.93
	3	0	24.00	23.92	23.99
	3	2	23.98	23.90	24.02
	3	3	24.03	23.92	23.96
	6	0	23.08	22.99	23.09
16QAM	1	0	23.42	23.30	23.36
	1	2	23.27	23.22	23.48
	1	5	23.30	23.33	23.32
	3	0	23.17	23.13	23.15
	3	2	23.15	23.12	23.16
	3	3	23.14	23.05	23.17
	6	0	22.09	22.09	22.10
64QAM	1	0	21.60	21.92	22.30
	1	2	21.49	21.99	21.70
	1	5	21.63	21.99	21.63
	3	0	22.13	21.92	22.22
	3	2	22.17	21.92	22.18
	3	3	22.24	21.91	22.24
	6	0	21.16	20.91	21.11

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LTE Band2 3MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			18615 (1851.5 MHz)	18900 (1880.0 MHz)	19185 (1908.5 MHz)
			Conducted Power [dBm]		
QPSK	1	0	24.12	23.95	23.62
	1	7	24.06	23.91	23.30
	1	14	23.99	23.89	23.28
	8	0	23.09	23.01	22.77
	8	4	23.08	23.02	22.78
	8	7	23.10	23.00	22.77
	15	0	23.14	23.09	22.74
16QAM	1	0	23.40	23.29	22.88
	1	7	23.39	23.29	22.61
	1	14	23.59	23.27	22.55
	8	0	22.19	22.07	21.89
	8	4	22.14	22.09	21.92
	8	7	22.20	22.06	21.91
	15	0	22.14	22.12	21.90
64QAM	1	0	22.35	21.98	20.91
	1	7	21.73	22.00	20.52
	1	14	21.75	22.03	20.57
	8	0	21.16	20.95	20.01
	8	4	21.20	20.97	20.02
	8	7	21.23	20.98	20.00
	15	0	21.22	20.98	20.02

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LTE Band2 5MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			18625 (1852.5 MHz)	18900 (1880.0 MHz)	19175 (1907.5 MHz)
			Conducted Power [dBm]		
QPSK	1	0	24.10	23.91	23.51
	1	12	23.96	23.95	23.20
	1	24	24.01	23.90	23.20
	12	0	23.11	23.03	22.68
	12	6	23.11	23.05	22.69
	12	13	23.13	23.05	22.70
	25	0	23.10	23.06	22.68
16QAM	1	0	23.40	23.25	22.80
	1	12	23.38	23.41	22.48
	1	24	23.49	23.22	22.51
	12	0	22.17	22.05	21.80
	12	6	22.19	22.03	21.84
	12	13	22.19	22.09	21.82
	25	0	22.19	22.10	21.80
64QAM	1	0	22.19	21.84	20.91
	1	12	21.79	21.80	20.39
	1	24	21.77	21.86	20.43
	12	0	21.17	20.91	19.90
	12	6	21.20	20.94	19.90
	12	13	21.18	20.93	19.94
	25	0	21.19	20.92	19.90

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LTE Band2 10MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			18650 (1855.0 MHz)	18900 (1880.0 MHz)	19150 (1905.0 MHz)
			Conducted Power [dBm]		
QPSK	1	0	24.11	24.01	23.60
	1	25	24.21	23.95	23.36
	1	49	24.10	24.02	23.35
	25	0	23.10	23.00	22.55
	25	12	23.17	23.02	22.57
	25	25	23.11	23.03	22.57
	50	0	23.14	23.03	22.50
16QAM	1	0	23.45	23.29	22.85
	1	25	23.52	23.30	22.67
	1	49	23.30	23.37	22.75
	25	0	22.11	22.04	21.68
	25	12	22.18	22.04	21.69
	25	25	22.16	22.05	21.70
	50	0	22.17	22.06	21.68
16QAM	1	0	21.88	21.80	21.08
	1	25	21.45	21.88	20.72
	1	49	21.43	21.85	20.77
	25	0	21.17	20.90	19.81
	25	12	21.19	20.87	19.86
	25	25	21.17	20.85	19.82
	50	0	21.23	20.87	19.83

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LTE Band2 15MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			18675 (1857.5 MHz)	18900 (1880.0 MHz)	19125 (1902.5 MHz)
			Conducted Power [dBm]		
QPSK	1	0	24.11	23.98	23.96
	1	36	24.08	23.94	23.84
	1	74	24.10	23.94	23.82
	36	0	23.12	23.05	22.75
	36	18	23.15	23.06	22.76
	36	37	23.13	23.07	22.78
	75	0	23.17	23.04	22.34
16QAM	1	0	23.45	23.41	23.06
	1	36	23.49	23.45	23.15
	1	74	23.39	23.40	23.15
	36	0	22.13	22.07	21.90
	36	18	22.14	22.05	21.88
	36	37	22.16	22.08	21.89
	75	0	22.15	22.06	21.70
16QAM	1	0	22.19	21.99	21.30
	1	36	21.76	22.00	21.17
	1	74	21.84	22.07	21.30
	36	0	21.17	20.89	20.03
	36	18	21.24	20.89	20.02
	36	37	21.17	20.89	20.05
	75	0	21.16	20.91	19.87

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LTE Band2 20MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			18700 (1860.0 MHz)	18900 (1880.0 MHz)	19100 (1900.0 MHz)
			Conducted Power [dBm]		
QPSK	1	0	24.12	24.04	24.10
	1	50	24.10	23.98	24.06
	1	99	24.04	24.00	24.06
	50	0	23.10	23.07	23.06
	50	25	23.10	23.05	23.10
	50	13	23.11	23.07	23.08
	100	0	23.13	23.07	22.51
16QAM	1	0	23.54	23.38	23.40
	1	50	23.57	23.32	23.48
	1	99	23.42	23.43	23.47
	50	0	22.11	22.08	22.14
	50	25	22.13	22.02	22.11
	50	50	22.12	22.09	22.11
	100	0	22.17	22.07	21.80
16QAM	1	0	22.41	22.05	21.59
	1	50	22.02	22.08	21.62
	1	99	22.04	22.11	21.65
	50	0	21.16	20.85	20.37
	50	25	21.14	20.88	20.37
	50	50	21.15	20.89	20.40
	100	0	21.05	20.82	19.95

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LTE Band 5

LTE Band5 1.4MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			20407 (824.7 MHz)	20525 (836.5 MHz)	20643 (848.3 MHz)
			Conducted Power [dBm]		
QPSK	1	0	24.41	24.30	24.17
	1	2	24.38	24.28	24.18
	1	5	24.35	24.28	24.19
	3	0	24.39	24.39	24.24
	3	2	24.43	24.38	24.28
	3	3	24.44	24.35	24.24
	6	0	23.52	23.46	23.32
16QAM	1	0	23.80	23.61	23.51
	1	2	23.73	23.69	23.63
	1	5	23.82	23.63	23.57
	3	0	23.63	23.56	23.48
	3	2	23.64	23.56	23.46
	3	3	23.59	23.57	23.44
	6	0	22.63	22.56	22.40
64QAM	1	0	22.66	22.56	22.00
	1	2	22.77	22.62	21.72
	1	5	22.76	22.58	21.73
	3	0	22.61	22.57	21.80
	3	2	22.62	22.61	21.79
	3	3	22.62	22.63	21.84
	6	0	21.61	21.55	20.82

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LTE Band5 3MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			20415 (825.5 MHz)	20525 (836.5 MHz)	20635 (847.5 MHz)
			Conducted Power [dBm]		
QPSK	1	0	24.53	24.38	24.36
	1	7	24.49	24.41	24.32
	1	14	24.52	24.39	24.33
	8	0	23.65	23.47	23.49
	8	4	23.60	23.51	23.47
	8	7	23.61	23.51	23.43
	15	0	23.60	23.57	23.41
16QAM	1	0	23.94	23.84	23.71
	1	7	23.92	23.78	23.66
	1	14	23.91	23.80	23.70
	8	0	22.68	22.55	22.51
	8	4	22.66	22.59	22.53
	8	7	22.67	22.59	22.51
	15	0	22.67	22.58	22.50
64QAM	1	0	22.84	22.72	21.99
	1	7	22.76	22.76	21.83
	1	14	22.82	22.73	21.79
	8	0	21.70	21.58	20.72
	8	4	21.72	21.58	20.63
	8	7	21.70	21.58	20.67
	15	0	21.63	21.57	20.71

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LTE Band5 5MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			20425 (826.5 MHz)	20525 (836.5 MHz)	20625 (846.5 MHz)
			Conducted Power [dBm]		
QPSK	1	0	24.56	24.43	24.43
	1	12	24.37	24.47	24.43
	1	24	24.53	24.47	24.38
	12	0	23.63	23.57	23.50
	12	6	23.69	23.57	23.49
	12	13	23.63	23.57	23.50
	25	0	23.59	23.54	23.42
16QAM	1	0	23.94	23.82	23.93
	1	12	24.12	23.90	23.72
	1	24	24.06	23.88	23.79
	12	0	22.69	22.59	22.51
	12	6	22.70	22.59	22.51
	12	13	22.71	22.60	22.51
	25	0	22.63	22.60	22.48
64QAM	1	0	22.92	22.79	22.25
	1	12	22.83	22.76	22.03
	1	24	22.77	22.78	22.05
	12	0	21.73	21.63	20.89
	12	6	21.69	21.58	20.95
	12	13	21.67	21.58	20.95
	25	0	21.59	21.62	20.77

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LTE Band5 10MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			20450 (829MHz)	20525 (836.5 MHz)	20600 (844 MHz)
			Conducted Power [dBm]		
QPSK	1	0	24.51	24.41	24.45
	1	25	24.57	24.48	24.44
	1	49	24.31	24.41	24.42
	25	0	23.46	23.52	23.41
	25	12	23.44	23.52	23.38
	25	25	23.54	23.42	23.39
	50	0	23.52	23.57	23.34
16QAM	1	0	23.78	23.81	23.71
	1	25	23.71	23.79	23.72
	1	49	23.72	23.77	23.67
	25	0	22.47	22.56	22.42
	25	12	22.41	22.53	22.35
	25	25	22.45	22.56	22.37
	50	0	22.49	22.63	22.35
16QAM	1	0	22.72	22.66	22.61
	1	25	22.71	22.70	22.57
	1	49	22.65	22.78	22.58
	25	0	21.48	21.59	21.41
	25	12	21.44	21.59	21.38
	25	25	21.45	21.60	21.35
	50	0	21.56	21.59	21.26

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LTE Band 7

LTE Band7 5MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			20775 (2502.5 MHz)	21100 (2535.0 MHz)	21425 (2567.5 MHz)
			Conducted Power [dBm]		
QPSK	1	0	23.92	24.17	24.13
	1	12	23.86	24.21	23.48
	1	24	23.79	24.18	23.47
	12	0	23.47	23.33	23.24
	12	6	23.41	23.33	23.20
	12	13	23.40	23.33	23.30
	25	0	23.42	23.29	23.21
16QAM	1	0	23.69	23.52	23.38
	1	12	23.08	23.52	22.74
	1	24	23.06	23.47	22.74
	12	0	22.53	22.33	22.34
	12	6	22.51	22.35	22.30
	12	13	22.44	22.36	22.30
	25	0	22.47	22.30	22.32
64QAM	1	0	22.05	22.48	21.54
	1	12	21.09	22.54	20.89
	1	24	21.17	22.50	20.90
	12	0	21.28	21.43	20.71
	12	6	21.21	21.37	20.61
	12	13	21.17	21.34	20.64
	25	0	21.25	21.36	20.57

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LTE Band7 10MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			20800 (2505.0 MHz)	21100 (2535.0 MHz)	21400 (2565.0 MHz)
			Conducted Power [dBm]		
QPSK	1	0	23.73	24.24	24.07
	1	25	23.69	24.17	23.59
	1	49	23.68	24.13	23.60
	25	0	23.41	23.31	23.26
	25	12	23.41	23.30	23.28
	25	25	23.44	23.31	23.28
	50	0	23.38	23.26	23.23
16QAM	1	0	23.58	23.40	23.49
	1	25	22.92	23.51	22.94
	1	49	22.91	23.49	22.93
	25	0	22.49	22.38	22.27
	25	12	22.41	22.37	22.26
	25	25	22.45	22.35	22.33
	50	0	22.40	22.32	22.29
64QAM	1	0	22.47	22.49	21.83
	1	25	21.03	22.47	21.03
	1	49	21.08	22.52	21.00
	25	0	21.44	21.38	20.61
	25	12	21.37	21.36	20.50
	25	25	21.39	21.39	20.47
	50	0	21.48	21.32	20.50

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LTE Band7 15MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			20825 (2507.5 MHz)	21100 (2535.0 MHz)	21375 (2562.5 MHz)
			Conducted Power [dBm]		
QPSK	1	0	23.88	24.26	24.19
	1	36	23.82	24.28	24.07
	1	74	23.79	24.27	24.06
	36	0	23.45	23.35	23.24
	36	18	23.44	23.36	23.28
	36	37	23.43	23.35	23.30
	75	0	23.40	23.34	23.22
16QAM	1	0	23.78	23.71	23.58
	1	36	23.11	23.75	23.38
	1	74	23.03	23.62	23.39
	36	0	22.43	22.34	22.30
	36	18	22.50	22.36	22.28
	36	37	22.45	22.36	22.31
	75	0	22.41	22.36	22.29
64QAM	1	0	22.45	22.43	22.07
	1	36	21.25	22.46	21.56
	1	74	22.21	22.45	21.59
	36	0	21.50	21.39	20.60
	36	18	21.47	21.40	20.54
	36	37	21.45	21.38	20.56
	75	0	21.44	21.32	20.56

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LTE Band7 20MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			20850 (2510.0 MHz)	21100 (2535.0 MHz)	21350 (2560.0 MHz)
			Conducted Power [dBm]		
QPSK	1	0	23.92	24.26	24.21
	1	50	23.84	24.25	24.27
	1	99	23.93	24.33	24.28
	50	0	23.41	23.35	23.27
	50	25	23.40	23.37	23.28
	50	13	23.42	23.43	23.25
	100	0	23.40	23.33	23.24
16QAM	1	0	23.83	23.75	23.60
	1	50	23.18	23.68	23.66
	1	99	23.10	23.57	23.59
	50	0	22.44	22.34	22.28
	50	25	22.46	22.40	22.28
	50	50	22.41	22.41	22.29
	100	0	22.42	22.35	22.28
16QAM	1	0	22.38	22.39	22.49
	1	50	21.27	22.41	22.09
	1	99	21.31	22.43	22.07
	50	0	21.48	21.39	20.82
	50	25	21.48	21.37	20.83
	50	50	21.49	21.41	20.80
	100	0	21.44	21.35	20.62

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LTE Band 12

LTE Band12 1.4MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			23017 (699.7 MHz)	23095 (707.5 MHz)	23173 (715.3 MHz)
			Conducted Power [dBm]		
QPSK	1	0	24.22	24.19	24.14
	1	2	24.24	24.26	24.18
	1	5	24.23	24.20	24.13
	3	0	24.07	24.23	24.13
	3	2	24.01	24.26	24.10
	3	3	24.02	24.22	24.13
	6	0	23.34	23.29	23.28
16QAM	1	0	23.55	23.58	23.49
	1	2	23.51	23.58	23.57
	1	5	23.52	23.51	23.54
	3	0	23.42	23.28	23.23
	3	2	23.39	23.38	23.21
	3	3	23.33	23.28	23.22
	6	0	22.46	22.42	22.36
64QAM	1	0	22.32	22.44	22.42
	1	2	22.31	22.46	22.35
	1	5	22.30	22.49	22.24
	3	0	22.24	22.40	22.35
	3	2	22.25	22.42	22.31
	3	3	22.20	22.41	22.32
	6	0	21.14	21.39	21.25

(All SGS services are rendered in accordance with the applicable SGS conditions of service available on request and accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx.)

LTE Band12 3MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			23025 (700.5 MHz)	23095 (707.5 MHz)	23165 (714.5 MHz)
			Conducted Power [dBm]		
QPSK	1	0	24.31	24.34	24.33
	1	7	24.29	24.39	24.31
	1	14	24.28	24.41	24.28
	8	0	24.16	24.18	23.33
	8	4	24.11	24.36	23.31
	8	7	24.12	24.34	23.23
	15	0	23.43	23.42	23.31
16QAM	1	0	23.74	23.62	23.61
	1	7	23.71	23.74	23.55
	1	14	23.63	23.71	23.54
	8	0	22.53	23.44	22.43
	8	4	22.43	23.49	22.38
	8	7	22.48	23.42	22.39
	15	0	22.48	22.53	22.37
64QAM	1	0	22.32	22.60	22.53
	1	7	22.29	22.55	22.45
	1	14	22.30	22.63	22.43
	8	0	21.22	21.49	21.37
	8	4	21.18	21.50	21.32
	8	7	21.21	21.42	21.34
	15	0	21.19	21.42	21.36

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LTE Band12 5MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			23035 (701.5 MHz)	23095 (707.5 MHz)	23155 (713.5 MHz)
			Conducted Power [dBm]		
QPSK	1	0	24.31	24.31	24.28
	1	12	24.33	24.33	24.39
	1	24	24.25	24.30	24.24
	12	0	23.37	23.46	23.56
	12	6	23.35	23.43	23.55
	12	13	23.31	24.33	23.51
	25	0	23.45	23.44	23.51
16QAM	1	0	23.69	23.70	23.63
	1	12	23.67	23.65	23.65
	1	24	23.67	23.66	23.61
	12	0	22.51	22.52	22.40
	12	6	22.52	22.44	22.41
	12	13	22.45	22.51	22.37
	25	0	22.45	22.46	22.52
64QAM	1	0	22.21	22.71	22.51
	1	12	22.19	22.64	22.49
	1	24	22.23	22.62	22.49
	12	0	21.17	21.56	21.43
	12	6	21.15	21.66	21.35
	12	13	21.11	21.55	21.38
	25	0	21.21	21.48	21.35

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LTE Band12 10MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			23060 (704.0 MHz)	23095 (707.5 MHz)	23130 (711.0 MHz)
			Conducted Power [dBm]		
QPSK	1	0	24.31	24.41	24.41
	1	25	24.49	24.38	24.38
	1	49	24.34	24.35	24.42
	25	0	23.48	23.45	23.47
	25	12	23.45	23.41	23.45
	25	25	23.44	23.42	23.41
	50	0	23.48	23.44	23.35
16QAM	1	0	23.73	23.72	23.71
	1	25	23.71	23.69	23.66
	1	49	23.60	22.68	23.68
	25	0	22.41	22.44	22.41
	25	12	22.35	22.41	22.35
	25	25	22.38	22.43	22.34
	50	0	22.47	22.41	22.36
16QAM	1	0	22.55	22.73	22.62
	1	25	22.58	22.63	22.55
	1	49	22.51	22.68	22.61
	25	0	21.24	21.48	21.44
	25	12	21.37	21.44	21.43
	25	25	21.25	21.41	21.39
	50	0	21.30	21.45	21.37

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LTE Band 13

LTE Band13 5MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			23205 (779.5 MHz)	23230 (782.0 MHz)	23255 (784.5 MHz)
			Conducted Power [dBm]		
QPSK	1	0	23.81	23.89	23.88
	1	12	23.92	23.91	24.05
	1	24	23.91	23.85	23.85
	12	0	23.01	23.10	23.06
	12	6	23.13	23.08	23.03
	12	13	23.04	23.09	23.05
	25	0	23.07	23.09	23.11
16QAM	1	0	23.24	23.22	23.26
	1	12	23.21	23.25	23.12
	1	24	23.23	23.25	23.20
	12	0	22.11	22.15	22.07
	12	6	22.07	22.11	22.04
	12	13	22.08	22.12	22.08
	25	0	22.15	22.11	22.08
64QAM	1	0	22.18	22.18	22.18
	1	12	22.21	22.15	22.16
	1	24	22.17	22.14	22.08
	12	0	21.15	21.18	21.14
	12	6	21.13	22.17	21.08
	12	13	21.14	22.13	21.09
	25	0	21.12	21.22	21.11

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LTE Band13 10MHz Bandwidth					
Modulation	RB Size	RB Offset	[redacted]	Mid Channel 23230 (782.0 MHz)	[redacted]
			Conducted Power [dBm]		
QPSK	1	0	[redacted]	24.01	[redacted]
	1	25		24.05	
	1	49		23.95	
	25	0		23.11	
	25	12		23.05	
	25	25		23.02	
	50	0		23.04	
16QAM	1	0		23.26	
	1	25		23.25	
	1	49		23.21	
	25	0		22.17	
	25	12		22.15	
	25	25		22.16	
	50	0		22.12	
64QAM	1	0		22.51	
	1	25		22.52	
	1	49		22.48	
	25	0		21.12	
	25	12		21.11	
	25	25		21.15	
	50	0		21.16	

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LTE Band 14

LTE Band14 5MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			23305 (790.5 MHz)	23330 (793.0 MHz)	23355 (795.5 MHz)
			Conducted Power [dBm]		
QPSK	1	0	23.96	23.91	23.87
	1	12	23.97	23.97	23.92
	1	24	23.92	23.88	23.84
	12	0	23.04	22.97	22.96
	12	6	23.01	22.98	23.01
	12	13	22.98	22.97	22.94
	25	0	23.04	22.96	22.93
16QAM	1	0	23.26	23.19	23.26
	1	12	23.25	23.22	23.21
	1	24	23.25	23.17	23.19
	12	0	22.11	22.01	21.99
	12	6	22.05	22.02	22.05
	12	13	22.02	22.02	22.01
	25	0	22.00	22.01	21.97
64QAM	1	0	22.07	22.16	22.17
	1	12	22.08	22.25	22.22
	1	24	22.24	22.19	22.13
	12	0	20.93	21.03	21.01
	12	6	20.99	21.04	21.08
	12	13	21.08	21.07	20.99
	25	0	20.93	20.96	20.93

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LTE Band14 10MHz Bandwidth					
Modulation	RB Size	RB Offset	[redacted]	Mid Channel 23330 (793.0 MHz)	[redacted]
			Conducted Power [dBm]		
QPSK	1	0	[redacted]	24.04	[redacted]
	1	25		23.99	
	1	49		23.92	
	25	0		23.01	
	25	12		22.92	
	25	25		22.97	
	50	0		22.95	
16QAM	1	0		23.34	
	1	25		23.28	
	1	49		23.25	
	25	0		21.95	
	25	12		21.91	
	25	25		22.04	
	50	0		22.01	
64QAM	1	0		22.26	
	1	25		22.22	
	1	49		22.15	
	25	0		20.98	
	25	12		20.97	
	25	25		21.03	
	50	0		21.01	

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LTE Band 26

LTE Band26 1.4MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			26697 (814.7 MHz)	26865 (831.5 MHz)	27033 (848.3 MHz)
			Conducted Power [dBm]		
QPSK	1	0	22.89	23.13	23.03
	1	2	22.87	23.13	22.97
	1	5	22.74	23.13	23.12
	3	0	22.16	22.35	22.21
	3	2	22.14	22.26	22.25
	3	3	21.99	22.20	22.19
	6	0	21.56	22.11	22.11
16QAM	1	0	22.53	22.63	22.46
	1	2	22.13	22.61	22.61
	1	5	22.01	22.52	22.34
	3	0	21.56	22.44	22.37
	3	2	21.34	22.74	22.55
	3	3	21.30	22.60	22.52
	6	0	21.19	22.65	22.51
64QAM	1	0	20.61	21.43	21.30
	1	2	20.01	21.40	21.37
	1	5	19.89	21.40	21.38
	3	0	19.49	20.56	20.43
	3	2	19.42	20.49	20.35
	3	3	19.40	20.46	20.34
	6	0	19.34	20.42	20.32

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LTE Band26 3MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			26705 (825.5 MHz)	26865 (831.5 MHz)	27025 (847.5 MHz)
			Conducted Power [dBm]		
QPSK	1	0	23.12	23.02	23.07
	1	2	23.10	23.11	23.07
	1	5	23.01	23.12	23.05
	3	0	22.17	22.23	22.21
	3	2	22.20	22.08	22.13
	3	3	22.13	22.19	22.17
	6	0	21.94	21.98	21.97
16QAM	1	0	22.58	22.62	22.60
	1	2	22.52	22.59	22.58
	1	5	22.35	22.48	22.49
	3	0	22.30	22.30	22.33
	3	2	22.67	22.61	22.67
	3	3	22.47	22.57	22.48
	6	0	22.64	22.63	22.58
64QAM	1	0	21.29	21.37	21.25
	1	2	21.34	21.35	21.24
	1	5	21.39	21.24	21.35
	3	0	20.50	20.49	20.53
	3	2	20.39	20.35	20.35
	3	3	20.38	20.27	20.39
	6	0	20.30	20.23	20.29

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LTE Band26 5MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			26715 (816.5 MHz)	26865 (831.5 MHz)	27015 (846.5 MHz)
			Conducted Power [dBm]		
QPSK	1	0	22.98	22.87	22.92
	1	12	23.01	22.95	23.07
	1	24	23.10	23.03	22.97
	12	0	22.13	22.19	22.16
	12	6	21.93	22.06	22.00
	12	13	22.10	22.08	22.14
	25	0	21.81	21.82	21.89
16QAM	1	0	22.49	22.55	22.60
	1	12	22.50	22.45	22.58
	1	24	22.32	22.37	22.40
	12	0	22.20	22.18	22.30
	12	6	22.44	22.54	22.55
	12	13	22.50	22.39	22.41
	25	0	22.58	22.51	22.47
64QAM	1	0	21.22	21.20	21.32
	1	12	21.21	21.22	21.32
	1	24	21.23	21.24	21.16
	12	0	20.30	20.34	20.42
	12	6	20.21	20.23	20.22
	12	13	20.26	20.25	20.09
	25	0	20.03	20.05	20.13

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LTE Band26 10MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			26740 (819.0 MHz)	26865 (831.5 MHz)	26990 (844.0 MHz)
			Conducted Power [dBm]		
QPSK	1	0	23.18	23.16	23.15
	1	25	23.22	23.15	23.34
	1	49	23.40	23.35	23.36
	25	0	22.47	22.45	22.47
	25	12	22.44	22.34	22.46
	25	25	22.30	22.35	22.42
	50	0	22.03	22.05	22.03
16QAM	1	0	22.75	22.94	22.86
	1	25	22.78	22.74	22.66
	1	49	22.65	22.71	22.74
	25	0	22.58	22.53	22.47
	25	12	22.91	22.90	22.89
	25	25	22.71	22.70	22.61
	50	0	22.88	22.73	22.71
64QAM	1	0	21.44	21.54	21.41
	1	25	21.47	21.49	21.49
	1	49	21.52	21.57	21.56
	25	0	20.59	20.60	20.71
	25	12	20.55	20.49	20.61
	25	25	20.47	20.46	20.56
	50	0	20.32	20.43	20.29

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LTE Band26 15MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			26765 (821.5 MHz)	26865 (831.5 MHz)	26965 (841.5 MHz)
			Conducted Power [dBm]		
QPSK	1	0	23.24	23.58	23.34
	1	36	23.18	23.55	23.38
	1	74	23.39	23.23	23.29
	36	0	22.50	22.87	22.72
	36	18	22.30	22.79	22.57
	36	37	22.34	22.89	22.46
	75	0	22.12	22.50	22.34
16QAM	1	0	22.86	23.43	23.07
	1	36	22.83	23.28	23.04
	1	74	22.73	23.26	22.88
	36	0	22.63	22.97	22.75
	36	18	22.92	23.35	23.00
	36	37	22.72	23.19	22.94
	75	0	22.79	23.19	22.83
64QAM	1	0	21.44	22.06	21.75
	1	36	21.56	21.96	21.77
	1	74	21.58	22.06	21.69
	36	0	20.51	21.03	20.70
	36	18	20.51	20.99	20.70
	36	37	20.43	21.01	20.68
	75	0	20.51	20.85	20.60

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LTE Band 66

LTE Band66 1.4MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			131979 (1710.7 MHz)	132322 (1745.0 MHz)	132665 (1779.3 MHz)
			Conducted Power [dBm]		
QPSK	1	0	22.43	22.82	22.68
	1	2	22.55	22.92	22.69
	1	5	22.47	22.85	22.61
	3	0	22.49	22.87	22.65
	3	2	22.57	22.89	22.71
	3	3	22.54	22.82	22.63
	6	0	21.53	21.95	21.71
16QAM	1	0	21.83	22.27	22.02
	1	2	22.00	22.33	22.11
	1	5	21.97	22.24	21.99
	3	0	21.72	22.01	21.81
	3	2	21.75	22.05	21.91
	3	3	21.67	22.04	21.87
	6	0	20.57	21.00	20.87
64QAM	1	0	21.62	22.02	21.91
	1	2	21.82	22.17	21.97
	1	5	21.67	22.02	21.88
	3	0	21.65	21.97	21.80
	3	2	21.63	22.05	21.79
	3	3	21.61	21.99	21.84
	6	0	20.55	20.96	20.77

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LTE Band66 3MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			131987 (1711.5 MHz)	132322 (1745.0 MHz)	132657 (1778.5 MHz)
			Conducted Power [dBm]		
QPSK	1	0	22.76	23.11	22.84
	1	7	22.87	23.07	22.99
	1	14	22.92	23.11	23.02
	8	0	21.94	22.08	22.00
	8	4	21.92	22.16	21.97
	8	7	21.89	22.12	21.92
	15	0	21.93	22.12	21.89
16QAM	1	0	22.20	22.42	22.31
	1	7	22.27	22.51	22.28
	1	14	22.23	22.54	22.27
	8	0	21.21	21.32	21.17
	8	4	21.17	21.36	21.21
	8	7	21.37	21.52	21.18
	15	0	21.07	21.28	21.07
64QAM	1	0	21.17	21.33	21.39
	1	7	21.27	21.39	21.32
	1	14	21.17	21.31	21.30
	8	0	20.07	20.14	20.00
	8	4	20.12	20.24	20.22
	8	7	20.17	20.20	20.20
	15	0	20.02	20.20	20.27

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LTE Band66 5MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			131997 (1712.5 MHz)	132322 (1745.0 MHz)	132647 (1777.5 MHz)
			Conducted Power [dBm]		
QPSK	1	0	22.72	23.08	22.08
	1	12	23.01	23.12	23.02
	1	24	23.00	23.07	22.90
	12	0	21.99	22.16	21.96
	12	6	22.00	22.17	22.20
	12	13	22.05	22.13	22.10
	25	0	21.99	22.11	22.02
16QAM	1	0	22.14	22.26	22.42
	1	12	22.22	22.30	22.38
	1	24	22.17	22.24	22.27
	12	0	20.87	20.99	21.00
	12	6	21.01	21.10	21.13
	12	13	21.03	21.06	21.16
	25	0	21.04	21.04	21.12
64QAM	1	0	20.99	21.11	21.22
	1	12	20.97	21.23	21.29
	1	24	20.93	21.17	21.20
	12	0	20.12	20.15	20.18
	12	6	20.13	20.70	20.23
	12	13	20.03	20.11	20.18
	25	0	20.00	20.01	20.07

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LTE Band66 10MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			132022 (1715.0 MHz)	132322 (1745.0 MHz)	132622 (1775.0 MHz)
			Conducted Power [dBm]		
QPSK	1	0	22.79	23.12	22.84
	1	25	22.72	23.01	22.87
	1	49	22.74	22.99	22.78
	25	0	21.81	22.09	21.95
	25	12	21.78	22.12	22.01
	25	25	21.83	22.18	22.09
	50	0	21.95	22.04	22.02
16QAM	1	0	22.14	22.44	22.22
	1	25	22.20	22.55	22.27
	1	49	22.13	22.45	22.18
	25	0	20.79	21.05	20.85
	25	12	20.67	21.09	20.81
	25	25	20.71	21.11	20.89
	50	0	20.82	21.06	20.97
16QAM	1	0	20.80	21.00	20.92
	1	25	20.71	20.94	20.74
	1	49	20.72	20.82	20.72
	25	0	20.62	20.70	20.57
	25	12	20.05	20.01	20.02
	25	25	20.11	20.14	20.11
	50	0	20.08	20.03	20.01

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LTE Band66 15MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			132047 (1717.5 MHz)	132322 (1745.0 MHz)	132597 (1772.5 MHz)
			Conducted Power [dBm]		
QPSK	1	0	22.71	22.85	22.85
	1	36	22.80	22.99	22.89
	1	74	22.78	22.92	22.80
	36	0	21.70	22.03	21.83
	36	18	21.72	22.05	21.82
	36	37	21.68	22.09	21.78
	75	0	21.89	21.98	21.99
16QAM	1	0	22.24	22.20	22.24
	1	36	22.21	22.32	22.19
	1	74	22.23	22.35	22.21
	36	0	20.87	21.04	20.93
	36	18	20.82	21.06	20.89
	36	37	20.83	21.17	20.97
	75	0	20.74	21.06	21.05
16QAM	1	0	21.06	22.05	22.05
	1	36	21.05	22.19	22.07
	1	74	21.57	22.22	22.14
	36	0	20.40	21.01	21.05
	36	18	20.43	20.93	20.87
	36	37	20.48	21.07	21.03
	75	0	20.53	21.06	21.01

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LTE Band66 20MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			132072 (1720.0 MHz)	132322 (1745.0 MHz)	132572 (1770.0 MHz)
			Conducted Power [dBm]		
QPSK	1	0	22.80	23.17	22.95
	1	50	22.67	23.02	22.88
	1	99	20.79	23.01	22.81
	50	0	21.51	21.81	21.68
	50	25	22.55	22.58	22.51
	50	13	21.47	21.81	21.61
	100	0	21.52	21.80	21.62
16QAM	1	0	21.64	22.20	22.25
	1	50	21.78	21.97	22.02
	1	99	21.05	21.99	22.01
	50	0	20.43	20.73	20.81
	50	25	20.53	20.81	20.83
	50	50	20.58	20.75	20.82
	100	0	20.57	20.61	20.71
16QAM	1	0	21.42	21.73	21.92
	1	50	21.52	21.61	21.82
	1	99	21.51	21.61	21.72
	50	0	20.45	20.54	20.59
	50	25	20.61	20.62	20.67
	50	50	20.52	20.55	20.62
	100	0	20.58	20.66	20.72

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Appendix E.3 5G NR

5G NR n7

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 500500 (2502.5 MHz)	Mid Channel 507000 (2535 MHz)	High Channel 513500 (2567.5 MHz)
n7	15	5	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	24.10	23.15	22.99
				QPSK		1	1	24.12	23.32	23.39
				16QAM		1	1	23.11	22.30	22.41
				64QAM		1	1	21.70	20.82	21.24
				256QAM		1	1	19.09	18.93	18.96
				Pi/2 BPSK	Inner_1RB Right	1	23	24.13	23.18	23.23
				QPSK		1	23	24.10	23.48	23.42
				Pi/2 BPSK	Inner_Full	12	6	24.13	23.22	23.49
				QPSK		12	6	24.07	23.23	23.44
				Pi/2 BPSK	Outer_Full	25	0	23.65	22.65	23.11
				QPSK		25	0	23.17	22.30	22.56
				Pi/2 BPSK	Edge_1RB Left	1	0	23.57	22.75	23.02
				QPSK		1	0	23.06	22.37	22.34
				Pi/2 BPSK	Edge_Full Left	2	0	23.28	22.78	22.88
				QPSK		2	0	23.09	22.15	22.01
				Pi/2 BPSK	Edge_1RB Right	1	24	23.44	22.67	23.13
				QPSK		1	24	23.15	22.20	22.55
				Pi/2 BPSK	Edge_Full Right	2	23	23.58	22.69	23.08
				QPSK		2	23	23.05	22.23	22.56
			CP-OFDM	QPSK	Inner_1RB Left	1	1	22.59	21.68	21.93

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 501000 (2505 MHz)	Mid Channel 507000 (2535 MHz)	High Channel 513000 (2565 MHz)
n7	15	10	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	24.03	23.33	23.07
				QPSK		1	1	23.98	23.33	23.34
				16QAM		1	1	23.01	22.31	22.21
				64QAM		1	1	21.73	21.11	20.99
				256QAM		1	1	18.90	18.95	18.90
				Pi/2 BPSK	Inner_1RB Right	1	50	23.97	23.21	23.35
				QPSK		1	50	24.04	23.21	23.44
				Pi/2 BPSK	Inner_Full	25	12	24.07	23.26	23.49
				QPSK		25	12	24.02	23.23	23.26
				Pi/2 BPSK	Outer_Full	50	0	23.50	22.79	22.98
				QPSK		50	0	23.05	22.26	22.58
				Pi/2 BPSK	Edge_1RB Left	1	0	23.53	22.85	22.80
				QPSK		1	0	23.10	22.38	22.43
				Pi/2 BPSK	Edge_Full Left	2	0	23.65	22.95	22.68
				QPSK		2	0	22.97	22.25	22.20
				Pi/2 BPSK	Edge_1RB Right	1	51	23.48	22.66	23.14
				QPSK		1	51	23.05	22.24	22.66
				Pi/2 BPSK	Edge_Full Right	2	50	23.47	22.73	23.05
				QPSK		2	50	22.95	22.20	22.52
			CP-OFDM	QPSK	Inner_1RB Left	1	1	22.33	21.74	21.80

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 501500 (2507.5 MHz	Mid Channel 507000 (2535 MHz)	High Channel 512500 (2562.5 MHz)
n7	15	15	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	23.30	23.40	23.49
				QPSK		1	1	24.21	23.47	23.46
				16QAM		1	1	23.21	22.43	22.35
				64QAM		1	1	21.98	21.16	21.01
				256QAM		1	1	19.09	19.01	19.21
				Pi/2 BPSK	Inner_1RB Right	1	77	23.40	23.50	23.43
				QPSK		1	77	24.02	23.36	23.44
				Pi/2 BPSK	Inner_Full	36	18	23.02	23.01	23.00
				QPSK		36	18	24.14	23.33	23.27
				Pi/2 BPSK	Outer_Full	75	0	23.68	22.81	23.01
				QPSK		75	0	23.16	22.31	22.52
				Pi/2 BPSK	Edge_1RB Left	1	0	23.72	22.96	22.84
				QPSK		1	0	23.23	22.49	22.48
				Pi/2 BPSK	Edge_Full Left	2	0	23.92	23.10	23.05
				QPSK		2	0	23.33	23.30	23.20
				Pi/2 BPSK	Edge_1RB Right	1	78	23.48	22.77	23.26
				QPSK		1	78	23.01	22.34	22.79
				Pi/2 BPSK	Edge_Full Right	2	77	23.56	22.88	23.24
				QPSK		2	77	22.99	22.33	22.80
			CP-OFDM	QPSK	Inner_1RB Left	1	1	22.82	21.83	21.87

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Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 502000 (2510 MHz)	Mid Channel 507000 (2535 MHz)	High Channel 512000 (2560 MHz)
n7	15	20	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	24.39	23.43	23.21
				QPSK		1	1	24.42	23.51	23.50
				16QAM		1	1	23.28	22.53	22.12
				64QAM		1	1	22.01	21.30	20.76
				256QAM		1	1	19.11	19.00	19.05
				Pi/2 BPSK	Inner_1RB Right	1	104	23.96	23.06	23.43
				QPSK		1	104	23.94	23.28	23.36
				Pi/2 BPSK	Inner_Full	50	25	23.10	23.13	23.12
				QPSK		50	25	24.22	23.41	23.29
				Pi/2 BPSK	Outer_Full	100	0	23.73	22.81	22.86
				QPSK		100	0	23.19	22.39	22.43
				Pi/2 BPSK	Edge_1RB Left	1	0	23.81	23.13	22.69
				QPSK		1	0	23.38	22.64	22.25
				Pi/2 BPSK	Edge_Full Left	2	0	23.99	23.18	22.77
				QPSK		2	0	23.34	22.40	22.24
				Pi/2 BPSK	Edge_1RB Right	1	105	23.36	22.81	23.28
				QPSK		1	105	22.91	22.43	22.76
				Pi/2 BPSK	Edge_Full Right	2	104	23.51	22.83	23.30
				QPSK		2	104	23.03	22.23	22.62
			CP-OFDM	QPSK	Inner_1RB Left	1	1	22.78	22.13	21.66

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5G NR n12

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 140300 (701.5 MHz)	Mid Channel 141500 (707.5 MHz)	High Channel 142700 (713.5 MHz)
n12	15	5	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	22.91	22.50	22.71
				QPSK		1	1	22.83	22.83	22.66
				16QAM		1	1	21.76	21.79	21.75
				64QAM		1	1	20.65	20.56	20.31
				256QAM		1	1	19.86	19.74	19.56
				Pi/2 BPSK	Inner_1RB Right	1	23	22.74	22.67	22.52
				QPSK		1	23	22.75	22.70	22.64
				Pi/2 BPSK	Inner_Full	12	6	22.74	22.77	22.58
				QPSK		12	6	22.67	22.74	22.61
				Pi/2 BPSK	Outer_Full	25	0	22.33	22.25	22.17
				QPSK		25	0	21.88	21.70	21.66
				Pi/2 BPSK	Edge_1RB Left	1	0	22.47	22.32	22.17
				QPSK		1	0	21.96	21.82	21.67
				Pi/2 BPSK	Edge_Full Left	2	0	22.51	22.32	22.20
				QPSK		2	0	21.93	21.79	21.70
				Pi/2 BPSK	Edge_1RB Right	1	24	22.26	22.17	22.14
				QPSK		1	24	21.75	21.72	21.60
				Pi/2 BPSK	Edge_Full Right	2	23	22.30	22.19	22.06
				QPSK		2	23	21.75	21.66	21.61
			CP-OFDM	QPSK	Inner_1RB Left	1	1	21.25	21.20	21.06

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 140800 (704 MHz)	Mid Channel 141500 (707.5 MHz)	High Channel 142200 (711 MHz)
n12	15	10	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	22.88	22.85	22.83
				QPSK		1	1	23.01	22.81	22.96
				16QAM		1	1	21.72	21.74	21.88
				64QAM		1	1	20.53	20.61	20.57
				256QAM		1	1	19.78	19.73	19.61
				Pi/2 BPSK	Inner_1RB Right	1	50	22.67	22.76	22.76
				QPSK		1	50	22.64	22.76	22.63
				Pi/2 BPSK	Inner_Full	25	12	22.73	22.74	22.75
				QPSK		25	12	22.73	22.80	22.71
				Pi/2 BPSK	Outer_Full	50	0	22.27	22.32	22.31
				QPSK		50	0	21.79	21.82	21.79
				Pi/2 BPSK	Edge_1RB Left	1	0	22.39	22.38	22.31
				QPSK		1	0	21.88	21.84	22.04
				Pi/2 BPSK	Edge_Full Left	2	0	22.37	22.32	22.30
				QPSK		2	0	21.81	21.75	21.76
				Pi/2 BPSK	Edge_1RB Right	1	51	22.16	22.33	22.15
				QPSK		1	51	21.61	21.80	21.62
				Pi/2 BPSK	Edge_Full Right	2	50	22.19	22.20	22.14
				QPSK		2	50	21.65	21.64	21.59
			CP-OFDM	QPSK	Inner_1RB Left	1	1	21.23	21.40	21.32

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 141300 (706.5 MHz)	Mid Channel 141500 (707.5 MHz)	High Channel 141700 (708.5 MHz)
n12	15	15	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	23.51	23.56	23.54
				QPSK		1	1	23.28	23.19	23.03
				16QAM		1	1	22.06	22.00	21.92
				64QAM		1	1	20.81	20.65	20.74
				256QAM		1	1	20.01	19.90	19.86
				Pi/2 BPSK	Inner_1RB Right	1	77	23.06	23.00	22.90
				QPSK		1	77	23.04	22.88	22.93
				Pi/2 BPSK	Inner_Full	36	18	23.50	23.55	23.53
				QPSK		36	18	23.02	23.00	22.99
				Pi/2 BPSK	Outer_Full	75	0	22.57	22.42	22.62
				QPSK		75	0	22.03	21.98	21.99
				Pi/2 BPSK	Edge_1RB Left	1	0	22.69	22.64	22.46
				QPSK		1	0	22.21	22.13	22.05
				Pi/2 BPSK	Edge_Full Left	2	0	22.73	22.70	22.59
				QPSK		2	0	22.19	22.14	22.05
				Pi/2 BPSK	Edge_1RB Right	1	78	22.39	22.34	22.33
				QPSK		1	78	21.89	21.83	21.92
				Pi/2 BPSK	Edge_Full Right	2	77	22.52	22.47	22.46
				QPSK		2	77	21.98	21.93	21.91
			CP-OFDM	QPSK	Inner_1RB Left	1	1	21.72	21.55	21.43

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5G NR n13

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 155900 (779.5MHz)	Mid Channel 1564000 (782.00MHz)	High Channel 156900 (784.5MHz)
n13	15	5	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	26.65	22.81	22.96
				QPSK		1	1	22.85	22.82	23.09
				16QAM		1	1	21.62	21.82	21.89
				64QAM		1	1	20.90	21.88	20.56
				256QAM		1	1	19.40	19.56	19.68
				Pi/2 BPSK	Inner_1RB Right	1	23	22.90	23.01	22.88
				QPSK		1	23	22.77	22.95	22.85
				Pi/2 BPSK	Inner_Full	12	6	22.90	22.94	22.92
				QPSK		12	6	22.84	22.92	22.80
				Pi/2 BPSK	Outer_Full	25	0	22.43	22.51	22.40
				QPSK		25	0	22.05	22.01	22.10
				Pi/2 BPSK	Edge_1RB Left	1	0	21.80	21.96	21.88
				QPSK		1	0	21.56	21.86	21.40
				Pi/2 BPSK	Edge_Full Left	2	0	22.00	22.24	22.20
				QPSK		2	0	22.00	21.91	22.05
				Pi/2 BPSK	Edge_1RB Right	1	24	22.30	22.47	22.40
				QPSK		1	24	22.11	22.06	21.99
				Pi/2 BPSK	Edge_Full Right	2	23	22.30	22.46	22.40
				QPSK		2	23	21.50	21.91	21.60
			CP-OFDM	QPSK	Inner_1RB Left	1	1	21.50	21.21	21.20

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	[redacted]	Mid Channel 1564000 (782.00MHz)	[redacted]
n13	15	10	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	[redacted]	23.14	[redacted]
				QPSK		1	1	[redacted]	23.07	[redacted]
				16QAM		1	1	[redacted]	21.50	[redacted]
				64QAM		1	1	[redacted]	20.54	[redacted]
				256QAM		1	1	[redacted]	19.59	[redacted]
				Pi/2 BPSK	Inner_1RB Right	1	50	[redacted]	22.80	[redacted]
				QPSK		1	50	[redacted]	22.68	[redacted]
				Pi/2 BPSK	Inner_Full	25	12	[redacted]	23.07	[redacted]
				QPSK		25	12	[redacted]	22.90	[redacted]
				Pi/2 BPSK	Outer_Full	50	0	[redacted]	22.39	[redacted]
				QPSK		50	0	[redacted]	21.98	[redacted]
				Pi/2 BPSK	Edge_1RB Left	1	0	[redacted]	22.15	[redacted]
				QPSK		1	0	[redacted]	21.87	[redacted]
				Pi/2 BPSK	Edge_Full Left	2	0	[redacted]	22.20	[redacted]
				QPSK		2	0	[redacted]	21.75	[redacted]
				Pi/2 BPSK	Edge_1RB Right	1	51	[redacted]	21.89	[redacted]
				QPSK		1	51	[redacted]	21.80	[redacted]
				Pi/2 BPSK	Edge_Full Right	2	50	[redacted]	22.44	[redacted]
				QPSK		2	50	[redacted]	21.92	[redacted]
			CP-OFDM	QPSK	Inner_1RB Left	1	1	[redacted]	21.32	[redacted]

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5G NR n14

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 158100 (790.5 MHz)	Mid Channel 158600 (793 MHz)	High Channel 159100 (795.5 MHz)
n14	15	5	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	23.49	23.33	23.40
				QPSK		1	1	23.10	23.23	23.08
				16QAM		1	1	22.05	22.20	22.23
				64QAM		1	1	20.71	20.77	20.92
				256QAM		1	1	19.60	19.66	19.63
				Pi/2 BPSK	Inner_1RB Right	1	23	23.38	23.13	23.18
				QPSK		1	23	23.05	23.30	23.11
				Pi/2 BPSK	Inner_Full	12	6	23.40	23.12	23.11
				QPSK		12	6	23.37	23.03	23.13
				Pi/2 BPSK	Outer_Full	25	0	22.83	22.62	22.68
				QPSK		25	0	22.31	22.14	22.22
				Pi/2 BPSK	Edge_1RB Left	1	0	22.95	22.57	22.69
				QPSK		1	0	22.35	22.08	22.21
				Pi/2 BPSK	Edge_Full Left	2	0	22.96	22.62	22.77
				QPSK		2	0	22.36	22.18	22.27
				Pi/2 BPSK	Edge_1RB Right	1	24	22.92	22.64	22.66
				QPSK		1	24	22.35	22.15	22.22
				Pi/2 BPSK	Edge_Full Right	2	23	22.90	22.64	22.72
				QPSK		2	23	22.34	22.11	22.27
			CP-OFDM	QPSK	Inner_1RB Left	1	1	21.72	21.55	21.59

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	[redacted]	Mid Channel 158600 (793 MHz)	[redacted]
n14	15	10	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	[redacted]	23.50	[redacted]
				QPSK		1	1	[redacted]	22.54	[redacted]
				16QAM		1	1	[redacted]	21.70	[redacted]
				64QAM		1	1	[redacted]	21.06	[redacted]
				256QAM		1	1	[redacted]	19.60	[redacted]
				Pi/2 BPSK	Inner_1RB Right	1	50	[redacted]	23.04	[redacted]
				QPSK		1	50	[redacted]	23.12	[redacted]
				Pi/2 BPSK	Inner_Full	25	12	[redacted]	23.12	[redacted]
				QPSK		25	12	[redacted]	23.03	[redacted]
				Pi/2 BPSK	Outer_Full	50	0	[redacted]	22.64	[redacted]
				QPSK		50	0	[redacted]	22.19	[redacted]
				Pi/2 BPSK	Edge_1RB Left	1	0	[redacted]	22.62	[redacted]
				QPSK		1	0	[redacted]	22.14	[redacted]
				Pi/2 BPSK	Edge_Full Left	2	0	[redacted]	22.60	[redacted]
				QPSK		2	0	[redacted]	22.11	[redacted]
				Pi/2 BPSK	Edge_1RB Right	1	51	[redacted]	22.68	[redacted]
				QPSK		1	51	[redacted]	22.12	[redacted]
				Pi/2 BPSK	Edge_Full Right	2	50	[redacted]	22.64	[redacted]
				QPSK		2	50	[redacted]	22.11	[redacted]
			CP-OFDM	QPSK	Inner_1RB Left	1	1	[redacted]	21.38	[redacted]

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5G NR n25

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 370500 (1852.5 MHz)	Mid Channel 376500 (1882.5 MHz)	High Channel 382500 (1912.5 MHz)
n25	15	5	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	22.95	22.94	23.21
				QPSK		1	1	22.89	22.95	23.15
				16QAM		1	1	21.97	21.95	22.04
				64QAM		1	1	20.54	20.59	20.67
				256QAM		1	1	19.41	19.55	19.61
				Pi/2 BPSK	Inner_1RB Right	1	23	22.89	23.03	22.77
				QPSK		1	23	23.09	23.00	22.70
				Pi/2 BPSK	Inner_Full	12	6	22.99	23.05	22.94
				QPSK		12	6	22.85	22.97	22.88
				Pi/2 BPSK	Outer_Full	25	0	22.39	22.45	22.59
				QPSK		25	0	21.88	21.98	22.19
				Pi/2 BPSK	Edge_1RB Left	1	0	22.38	22.45	22.44
				QPSK		1	0	21.77	21.92	21.96
				Pi/2 BPSK	Edge_Full Left	2	0	22.32	22.42	22.50
				QPSK		2	0	21.81	21.89	21.97
				Pi/2 BPSK	Edge_1RB Right	1	24	22.33	22.52	22.27
				QPSK		1	24	21.95	21.94	21.81
				Pi/2 BPSK	Edge_Full Right	2	23	22.40	22.46	22.39
				QPSK		2	23	21.95	21.95	21.87
			CP-OFDM	QPSK	Inner_1RB Left	1	1	21.30	21.30	21.53

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 371000 (1855 MHz)	Mid Channel 376500 (1882.5 MHz)	High Channel 382000 (1910 MHz)
n25	15	10	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	23.03	23.13	23.01
				QPSK		1	1	23.01	22.99	22.93
				16QAM		1	1	22.10	21.99	21.79
				64QAM		1	1	20.71	20.62	20.83
				256QAM		1	1	19.39	19.55	19.75
				Pi/2 BPSK	Inner_1RB Right	1	50	22.93	23.00	22.68
				QPSK		1	50	22.95	23.11	22.67
				Pi/2 BPSK	Inner_Full	25	12	22.95	23.09	23.30
				QPSK		25	12	22.96	23.12	23.29
				Pi/2 BPSK	Outer_Full	50	0	22.52	22.63	22.54
				QPSK		50	0	21.97	22.03	22.31
				Pi/2 BPSK	Edge_1RB Left	1	0	22.50	22.50	21.75
				QPSK		1	0	21.98	22.03	22.18
				Pi/2 BPSK	Edge_Full Left	2	0	22.55	22.50	21.82
				QPSK		2	0	21.97	21.88	22.24
				Pi/2 BPSK	Edge_1RB Right	1	51	22.45	22.57	21.71
				QPSK		1	51	21.94	22.05	22.11
				Pi/2 BPSK	Edge_Full Right	2	50	22.42	22.60	21.75
				QPSK		2	50	21.85	22.03	22.12
			CP-OFDM	QPSK	Inner_1RB Left	1	1	21.59	21.41	21.57

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 371500 (1857.5 MHz)	Mid Channel 376500 (1882.5 MHz)	High Channel 381500 (1907.5 MHz)
n25	15	15	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	23.09	23.05	23.00
				QPSK		1	1	23.13	23.12	23.01
				16QAM		1	1	22.04	21.95	21.90
				64QAM		1	1	20.74	20.64	20.60
				256QAM		1	1	19.62	19.52	19.49
				Pi/2 BPSK	Inner_1RB Right	1	77	23.06	23.24	23.20
				QPSK		1	77	23.15	23.22	22.62
				Pi/2 BPSK	Inner_Full	36	18	23.06	23.12	23.26
				QPSK		36	18	23.06	23.08	23.14
				Pi/2 BPSK	Outer_Full	75	0	22.50	22.60	22.66
				QPSK		75	0	22.06	22.17	22.32
				Pi/2 BPSK	Edge_1RB Left	1	0	22.46	22.48	22.54
				QPSK		1	0	21.94	21.99	22.25
				Pi/2 BPSK	Edge_Full Left	2	0	22.60	22.55	22.62
				QPSK		2	0	22.06	22.02	22.27
				Pi/2 BPSK	Edge_1RB Right	1	78	22.51	22.72	22.28
				QPSK		1	78	22.02	22.22	22.28
				Pi/2 BPSK	Edge_Full Right	2	77	22.57	22.85	22.39
				QPSK		2	77	22.01	22.30	22.33
			CP-OFDM	QPSK	Inner_1RB Left	1	1	21.57	21.42	21.31

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Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 372000 (1860 MHz)	Mid Channel 376500 (1882.5 MHz)	High Channel 381000 (1905 MHz)
n25	15	20	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	23.57	23.64	23.62
				QPSK		1	1	23.14	23.03	23.28
				16QAM		1	1	22.03	22.00	22.17
				64QAM		1	1	20.71	22.00	21.00
				256QAM		1	1	19.60	19.66	19.52
				Pi/2 BPSK	Inner_1RB Right	1	104	23.08	23.29	22.70
				QPSK		1	104	22.96	23.21	22.64
				Pi/2 BPSK	Inner_Full	50	25	23.56	23.57	23.59
				QPSK		50	25	22.93	23.19	23.05
				Pi/2 BPSK	Outer_Full	100	0	22.57	22.68	22.74
				QPSK		100	0	22.05	22.10	22.21
				Pi/2 BPSK	Edge_1RB Left	1	0	22.55	22.60	22.57
				QPSK		1	0	22.11	22.14	22.35
				Pi/2 BPSK	Edge_Full Left	2	0	22.72	22.59	22.60
				QPSK		2	0	22.08	22.02	22.34
				Pi/2 BPSK	Edge_1RB Right	1	105	22.42	22.63	22.38
				QPSK		1	105	22.02	22.21	22.24
				Pi/2 BPSK	Edge_Full Right	2	104	22.54	22.67	22.36
				QPSK		2	104	21.94	22.10	22.22
			CP-OFDM	QPSK	Inner_1RB Left	1	1	21.61	21.49	21.84

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5G NR n26

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 163300 (816.5 MHz)	Mid Channel 166300 (831.5 MHz)	High Channel 169300 (846.5 MHz)
n26	15	5	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	23.58	23.63	23.54
				QPSK		1	1	23.63	23.66	23.49
				16QAM		1	1	23.15	22.51	22.38
				64QAM		1	1	21.41	21.26	21.04
				256QAM		1	1	20.40	19.76	19.80
				Pi/2 BPSK	Inner_1RB Right	1	23	23.61	23.50	23.27
				QPSK		1	23	23.65	23.59	23.28
				Pi/2 BPSK	Inner_Full	12	6	23.58	23.59	23.33
				QPSK		12	6	23.41	23.67	22.52
				Pi/2 BPSK	Outer_Full	25	0	23.13	23.11	22.61
				QPSK		25	0	22.65	22.66	22.27
				Pi/2 BPSK	Edge_1RB Left	1	0	23.13	23.16	22.96
				QPSK		1	0	22.63	22.65	22.46
				Pi/2 BPSK	Edge_Full Left	2	0	23.17	23.10	22.98
				QPSK		2	0	22.63	22.64	22.45
				Pi/2 BPSK	Edge_1RB Right	1	24	23.11	23.06	22.64
				QPSK		1	24	22.58	22.55	22.09
				Pi/2 BPSK	Edge_Full Right	2	23	23.18	23.03	22.63
				QPSK		2	23	22.64	22.51	22.06
			CP-OFDM	QPSK	Inner_1RB Left	1	1	22.08	21.99	21.78

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 163800 (819 MHz)	Mid Channel 166300 (831.5 MHz)	High Channel 168800 (844 MHz)
n26	15	10	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	23.72	23.72	23.43
				QPSK		1	1	23.68	23.89	23.49
				16QAM		1	1	22.64	22.63	22.34
				64QAM		1	1	21.28	21.35	21.06
				256QAM		1	1	19.70	19.76	19.70
				Pi/2 BPSK	Inner_1RB Right	1	50	23.62	23.46	23.41
				QPSK		1	50	23.72	23.51	23.26
				Pi/2 BPSK	Inner_Full	25	12	23.74	23.83	23.48
				QPSK		25	12	23.74	23.61	23.43
				Pi/2 BPSK	Outer_Full	50	0	23.20	23.16	23.22
				QPSK		50	0	22.82	22.62	22.40
				Pi/2 BPSK	Edge_1RB Left	1	0	22.89	23.24	23.21
				QPSK		1	0	22.75	22.78	21.96
				Pi/2 BPSK	Edge_Full Left	2	0	22.94	23.25	23.21
				QPSK		2	0	22.66	22.66	21.90
				Pi/2 BPSK	Edge_1RB Right	1	51	23.04	23.01	23.02
				QPSK		1	51	22.77	22.48	21.37
				Pi/2 BPSK	Edge_Full Right	2	50	23.12	22.99	22.90
				QPSK		2	50	22.73	22.46	21.39
			CP-OFDM	QPSK	Inner_1RB Left	1	1	22.15	22.12	22.06

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 164300 (821.5 MHz)	Mid Channel 166300 (831.5 MHz)	High Channel 168300 (841.5 MHz)
n26	15	15	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	23.56	23.74	23.46
				QPSK		1	1	23.37	23.90	23.50
				16QAM		1	1	22.38	22.65	22.41
				64QAM		1	1	21.41	21.40	21.16
				256QAM		1	1	19.75	19.87	19.71
				Pi/2 BPSK	Inner_1RB Right	1	77	23.60	23.42	23.19
				QPSK		1	77	23.60	23.50	23.27
				Pi/2 BPSK	Inner_Full	36	18	23.58	23.63	23.39
				QPSK		36	18	23.55	23.69	23.37
				Pi/2 BPSK	Outer_Full	75	0	23.25	23.16	22.94
				QPSK		75	0	22.80	22.69	22.49
				Pi/2 BPSK	Edge_1RB Left	1	0	23.20	23.14	23.02
				QPSK		1	0	22.71	22.73	22.51
				Pi/2 BPSK	Edge_Full Left	2	0	23.24	23.35	23.12
				QPSK		2	0	22.77	22.80	22.58
				Pi/2 BPSK	Edge_1RB Right	1	78	23.24	22.91	22.68
				QPSK		1	78	22.58	22.40	22.24
				Pi/2 BPSK	Edge_Full Right	2	77	23.32	23.05	22.78
				QPSK		2	77	22.66	22.50	22.26
			CP-OFDM	QPSK	Inner_1RB Left	1	1	22.31	22.35	21.98

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Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 164800 (824 MHz)	Mid Channel 166300 (831.5 MHz)	High Channel 167800 (839 MHz)
n26	15	20	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	23.59	23.86	23.75
				QPSK		1	1	23.79	23.92	23.84
				16QAM		1	1	22.60	22.58	22.57
				64QAM		1	1	21.37	21.34	21.33
				256QAM		1	1	19.82	19.84	19.84
				Pi/2 BPSK	Inner_1RB Right	1	104	23.45	23.34	23.23
				QPSK		1	104	23.52	23.40	23.31
				Pi/2 BPSK	Inner_Full	50	25	23.65	23.73	23.64
				QPSK		50	25	23.70	23.78	23.52
				Pi/2 BPSK	Outer_Full	100	0	23.13	23.14	23.01
				QPSK		100	0	22.73	22.79	22.62
				Pi/2 BPSK	Edge_1RB Left	1	0	23.14	23.13	23.13
				QPSK		1	0	22.68	22.79	22.71
				Pi/2 BPSK	Edge_Full Left	2	0	23.27	23.28	23.24
				QPSK		2	0	22.71	22.70	22.67
				Pi/2 BPSK	Edge_1RB Right	1	105	22.96	22.81	22.73
				QPSK		1	105	22.52	22.38	22.26
				Pi/2 BPSK	Edge_Full Right	2	104	23.10	22.96	22.82
				QPSK		2	104	22.49	22.37	22.22
			CP-OFDM	QPSK	Inner_1RB Left	1	1	22.25	22.16	22.18

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5G NR n41

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 501204 (2506.02 MHz)	Mid Channel 518598 (2592.99 MHz)	High Channel 535998 (2679.99 MHz)
n41	30	20	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	25.55	25.48	25.63
				QPSK		1	1	25.37	25.32	25.40
				16QAM		1	1	24.38	24.35	24.45
				64QAM		1	1	23.66	23.65	23.69
				256QAM		1	1	22.13	21.88	21.35
				Pi/2 BPSK	Inner_1RB Right	1	49	25.37	25.56	24.75
				QPSK		1	49	25.37	25.44	24.57
				Pi/2 BPSK	Inner_Full	25	12	25.37	25.47	25.28
				QPSK		25	12	25.37	25.43	25.15
				Pi/2 BPSK	Outer_Full	50	0	25.58	25.04	24.79
				QPSK		50	0	25.17	24.64	24.38
				Pi/2 BPSK	Edge_1RB Left	1	0	23.02	23.05	23.07
				QPSK		1	0	22.51	22.59	22.59
				Pi/2 BPSK	Edge_Full Left	2	0	23.02	23.05	23.00
				QPSK		2	0	22.63	22.63	22.64
				Pi/2 BPSK	Edge_1RB Right	1	50	23.02	23.05	23.05
				QPSK		1	50	22.72	22.59	23.05
				Pi/2 BPSK	Edge_Full Right	2	49	23.02	23.05	23.05
				QPSK		2	49	22.79	22.66	22.53
			CP-OFDM	QPSK	Inner_1RB Left	1	1	23.65	23.60	23.68

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 502200 (2511 MHz)	Mid Channel 518598 (2592.99 MHz)	High Channel 534996 (2674.98 MHz)
n41	30	30	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	25.65	25.74	25.55
				QPSK		1	1	25.26	25.49	25.67
				16QAM		1	1	24.30	24.49	24.75
				64QAM		1	1	22.74	22.97	23.31
				256QAM		1	1	22.05	21.46	21.44
				Pi/2 BPSK	Inner_1RB Right	1	76	25.56	25.80	24.86
				QPSK		1	76	25.83	25.57	24.56
				Pi/2 BPSK	Inner_Full	36	18	25.59	25.64	25.72
				QPSK		36	18	25.55	25.44	25.49
				Pi/2 BPSK	Outer_Full	75	0	25.75	25.26	25.21
				QPSK		75	0	25.24	24.79	24.78
				Pi/2 BPSK	Edge_1RB Left	1	0	23.08	23.07	23.09
				QPSK		1	0	22.66	22.68	22.96
				Pi/2 BPSK	Edge_Full Left	2	0	23.00	23.01	23.00
				QPSK		2	0	22.69	22.75	23.02
				Pi/2 BPSK	Edge_1RB Right	1	77	23.02	23.07	23.05
				QPSK		1	77	22.92	22.89	22.88
				Pi/2 BPSK	Edge_Full Right	2	76	23.00	23.00	23.08
				QPSK		2	76	23.01	22.96	22.92
			CP-OFDM	QPSK	Inner_1RB Left	1	1	23.48	23.68	23.91

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 503202 (2516.01 MHz)	Mid Channel 518598 (2592.99 MHz)	High Channel 534000 (2670 MHz)
n41	30	40	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	25.67	25.65	25.70
				QPSK		1	1	24.97	25.46	25.76
				16QAM		1	1	24.01	24.51	24.78
				64QAM		1	1	23.41	23.70	23.96
				256QAM		1	1	22.13	21.53	21.41
				Pi/2 BPSK	Inner_1RB Right	1	104	25.56	25.88	24.86
				QPSK		1	104	25.83	25.57	24.56
				Pi/2 BPSK	Inner_Full	50	25	25.59	25.64	25.72
				QPSK		50	25	25.55	25.44	25.49
				Pi/2 BPSK	Outer_Full	100	0	25.75	25.26	25.21
				QPSK		100	0	25.24	24.79	24.78
				Pi/2 BPSK	Edge_1RB Left	1	0	23.08	23.07	23.09
				QPSK		1	0	22.66	22.68	22.96
				Pi/2 BPSK	Edge_Full Left	2	0	23.00	23.01	23.00
				QPSK		2	0	22.69	22.75	23.02
				Pi/2 BPSK	Edge_1RB Right	1	105	23.02	23.07	23.05
				QPSK		1	105	22.92	22.89	22.88
				Pi/2 BPSK	Edge_Full Right	2	104	23.00	23.00	23.08
				QPSK		2	104	23.01	22.96	22.92
			CP-OFDM	QPSK	Inner_1RB Left	1	1	23.48	23.68	23.91

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Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 504204 (2521.02 MHz)	Mid Channel 518598 (2592.99 MHz)	High Channel 532998 (2664.99 MHz)
n41	30	50	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	25.60	25.39	25.70
				QPSK		1	1	24.97	25.21	25.88
				16QAM		1	1	24.01	24.14	24.91
				64QAM		1	1	23.41	23.15	23.95
				256QAM		1	1	22.12	21.94	21.69
				Pi/2 BPSK	Inner_1RB Right	1	131	25.60	25.88	24.86
				QPSK		1	131	25.83	25.57	24.56
				Pi/2 BPSK	Inner_Full	64	32	25.59	25.64	25.72
				QPSK		64	32	25.55	25.44	25.49
				Pi/2 BPSK	Outer_Full	128	0	25.75	25.26	25.21
				QPSK		128	0	25.24	24.79	24.78
				Pi/2 BPSK	Edge_1RB Left	1	0	23.08	23.07	23.09
				QPSK		1	0	22.66	22.68	22.96
				Pi/2 BPSK	Edge_Full Left	2	0	23.00	23.01	23.00
				QPSK		2	0	22.69	22.75	23.02
				Pi/2 BPSK	Edge_1RB Right	1	132	23.02	23.07	23.05
				QPSK		1	132	22.92	22.89	22.88
				Pi/2 BPSK	Edge_Full Right	2	131	23.00	23.00	23.08
				QPSK		2	131	23.01	22.96	22.92
			CP-OFDM	QPSK	Inner_1RB Left	1	1	23.48	23.68	23.91

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 505200 (2526 MHz)	Mid Channel 518598 (2592.99 MHz)	High Channel 531996 (2659.98 MHz)
n41	30	60	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	25.11	25.18	25.56
				QPSK		1	1	24.01	25.03	25.70
				16QAM		1	1	23.05	24.01	25.04
				64QAM		1	1	21.87	22.98	23.78
				256QAM		1	1	22.28	21.45	20.40
				Pi/2 BPSK	Inner_1RB Right	1	160	24.89	25.54	24.43
				QPSK		1	160	24.03	25.72	24.36
				Pi/2 BPSK	Inner_Full	81	40	25.62	25.46	25.68
				QPSK		81	40	25.09	25.30	25.59
				Pi/2 BPSK	Outer_Full	162	0	25.25	25.09	25.20
				QPSK		162	0	24.43	24.85	24.75
				Pi/2 BPSK	Edge_1RB Left	1	0	23.08	23.07	23.09
				QPSK		1	0	22.66	22.68	22.96
				Pi/2 BPSK	Edge_Full Left	2	0	23.00	23.01	23.00
				QPSK		2	0	22.69	22.75	23.02
				Pi/2 BPSK	Edge_1RB Right	1	161	23.02	23.07	23.05
				QPSK		1	161	22.92	22.89	22.88
				Pi/2 BPSK	Edge_Full Right	2	160	23.00	23.00	23.08
				QPSK		2	160	23.01	22.96	22.92
			CP-OFDM	QPSK	Inner_1RB Left	1	1	23.48	23.68	23.91

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 507204 (2536.02 MHz)	Mid Channel 518598 (2592.99 MHz)	High Channel 529998 (2649.99 MHz)
n41	30	80	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	25.38	24.86	25.73
				QPSK		1	1	24.34	24.73	25.55
				16QAM		1	1	23.37	23.75	24.55
				64QAM		1	1	22.30	22.76	23.57
				256QAM		1	1	21.98	21.68	20.79
				Pi/2 BPSK	Inner_1RB Right	1	215	25.61	25.30	24.55
				QPSK		1	215	24.46	25.36	24.37
				Pi/2 BPSK	Inner_Full	108	54	25.60	25.57	25.70
				QPSK		108	54	25.03	25.42	25.78
				Pi/2 BPSK	Outer_Full	216	0	25.25	25.09	25.20
				QPSK		216	0	24.43	24.85	24.75
				Pi/2 BPSK	Edge_1RB Left	1	0	23.08	23.07	23.09
				QPSK		1	0	22.66	22.68	22.96
				Pi/2 BPSK	Edge_Full Left	2	0	23.00	23.01	23.00
				QPSK		2	0	22.69	22.75	23.02
				Pi/2 BPSK	Edge_1RB Right	1	216	23.02	23.07	23.05
				QPSK		1	216	22.92	22.89	22.88
				Pi/2 BPSK	Edge_Full Right	2	215	23.00	23.00	23.08
				QPSK		2	215	23.01	22.96	22.92
			CP-OFDM	QPSK	Inner_1RB Left	1	1	23.48	23.68	23.91

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Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 508200 (2541 MHz)	Mid Channel 518598 (2592.99 MHz)	High Channel 528996 (2644.98 MHz)
n41	30	90	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	24.99	24.76	25.50
				QPSK		1	1	24.72	24.72	25.43
				16QAM		1	1	23.72	23.72	24.49
				64QAM		1	1	22.32	22.32	23.03
				256QAM		1	1	22.15	20.84	21.06
				Pi/2 BPSK	Inner_1RB Right	1	243	24.95	25.56	24.54
				QPSK		1	243	25.00	25.58	24.49
				Pi/2 BPSK	Outer_Full	243	0	25.03	25.30	25.60
				QPSK		243	0	25.02	24.99	25.32
				Pi/2 BPSK	Edge_1RB Left	1	0	23.08	23.07	23.09
				QPSK		1	0	22.66	22.68	22.96
				Pi/2 BPSK	Edge_Full Left	2	0	23.00	23.01	23.00
				QPSK		2	0	22.69	22.75	23.02
				Pi/2 BPSK	Edge_1RB Right	1	244	23.02	23.07	23.05
				QPSK		1	244	22.92	22.89	22.88
				Pi/2 BPSK	Edge_Full Right	2	243	23.00	23.00	23.08
				QPSK		2	243	23.01	22.96	22.92
			CP-OFDM	QPSK	Inner_1RB Left	1	1	23.48	23.68	23.91

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 509202 (2546.01 MHz)	Mid Channel 518598 (2592.99 MHz)	High Channel 528000 (2640 MHz)
n41	30	100	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	25.84	25.89	25.89
				QPSK		1	1	24.34	24.71	24.95
				16QAM		1	1	23.37	23.72	23.93
				64QAM		1	1	22.30	22.23	22.43
				256QAM		1	1	22.26	21.00	21.40
				Pi/2 BPSK	Inner_1RB Right	1	271	25.61	25.59	24.37
				QPSK		1	271	24.46	25.84	24.25
				Pi/2 BPSK	Inner_Full	135	67	25.80	25.83	25.79
				QPSK		135	67	25.03	25.48	25.83
				Pi/2 BPSK	Outer_Full	270	0	25.00	24.99	25.23
				QPSK		270	0	24.90	24.80	25.04
				Pi/2 BPSK	Edge_1RB Left	1	0	23.08	23.07	23.09
				QPSK		1	0	22.66	22.68	22.96
				Pi/2 BPSK	Edge_Full Left	2	0	23.00	23.01	23.00
				QPSK		2	0	22.69	22.75	23.02
				Pi/2 BPSK	Edge_1RB Right	1	272	23.02	23.07	23.05
				QPSK		1	272	22.92	22.89	22.88
				Pi/2 BPSK	Edge_Full Right	2	271	23.00	23.00	23.08
				QPSK		2	271	23.01	22.96	22.92
			CP-OFDM	QPSK	Inner_1RB Left	1	1	23.48	23.68	23.91

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Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 501204 (2506.02 MHz)	Mid Channel 518598 (2592.99 MHz)	High Channel 535998 (2679.99 MHz)
n41	30	20	CP-OFDM	QPSK	Inner_1RB Left	1	1	24.27	24.30	24.14
				16QAM		1	1	24.08	24.23	24.03
				64QAM		1	1	23.50	23.60	23.77
				256QAM		1	1	19.80	19.78	19.73
				QPSK	Inner_1RB Right	1	49	24.29	24.34	24.12
				QPSK	Inner_Full	25	12	24.30	24.31	24.18
				QPSK	Outer_Full	51	0	23.35	23.36	23.22
				QPSK	Edge_1RB Left	1	0	22.78	22.76	22.62
				QPSK	Edge_Full Left	2	0	22.81	22.76	22.64
				QPSK	Edge_1RB Right	1	50	22.71	22.81	22.65
				QPSK	Edge_Full Right	2	49	22.69	22.84	22.62

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 502200 (2511 MHz)	Mid Channel 518598 (2592.99 MHz)	High Channel 534996 (2674.98 MHz)
n41	30	30	CP-OFDM	QPSK	Inner_1RB Left	1	1	24.89	24.33	24.37
				16QAM		1	1	24.40	24.30	24.25
				64QAM		1	1	23.80	23.88	23.78
				256QAM		1	1	20.10	19.83	19.77
				QPSK	Inner_1RB Right	1	76	24.81	24.45	24.47
				QPSK	Inner_Full	39	19	24.01	24.34	24.36
				QPSK	Outer_Full	78	0	23.31	23.35	23.42
				QPSK	Edge_1RB Left	1	0	22.90	22.78	22.83
				QPSK	Edge_Full Left	2	0	22.90	22.80	22.84
				QPSK	Edge_1RB Right	1	77	22.82	22.94	23.05
				QPSK	Edge_Full Right	2	76	21.06	22.94	22.97

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 503202 (2516.01 MHz)	Mid Channel 518598 (2592.99 MHz)	High Channel 534000 (2670 MHz)
n41	30	40	CP-OFDM	QPSK	Inner_1RB Left	1	1	24.80	24.77	24.77
				16QAM		1	1	24.23	24.26	24.23
				64QAM		1	1	23.45	23.44	23.40
				256QAM		1	1	19.82	19.76	19.82
				QPSK	Inner_1RB Right	1	104	24.54	24.34	24.32
				QPSK	Inner_Full	53	26	24.72	24.84	24.77
				QPSK	Outer_Full	106	0	23.23	23.37	23.31
				QPSK	Edge_1RB Left	1	0	22.87	22.80	22.77
				QPSK	Edge_Full Left	2	0	21.07	22.76	21.03
				QPSK	Edge_1RB Right	1	105	22.55	22.98	22.93
				QPSK	Edge_Full Right	2	104	22.54	22.92	22.86

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 504204 (2521.02 MHz)	Mid Channel 518598 (2592.99 MHz)	High Channel 532998 (2664.99 MHz)
n41	30	50	CP-OFDM	QPSK	Inner_1RB Left	1	1	24.23	24.17	24.23
				16QAM		1	1	24.19	24.12	24.16
				64QAM		1	1	23.22	23.21	23.20
				256QAM		1	1	19.78	19.73	19.85
				QPSK	Inner_1RB Right	1	131	24.02	24.36	24.28
				QPSK	Inner_Full	67	33	24.25	24.34	24.19
				QPSK	Outer_Full	133	0	23.18	23.34	23.26
				QPSK	Edge_1RB Left	1	0	22.76	22.67	22.75
				QPSK	Edge_Full Left	2	0	22.73	22.64	22.72
				QPSK	Edge_1RB Right	1	132	22.48	22.84	22.85
				QPSK	Edge_Full Right	2	131	22.52	22.79	22.82

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Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 505200 (2526 MHz)	Mid Channel 518598 (2592.99 MHz)	High Channel 531996 (2659.98 MHz)
n41	30	60	CP-OFDM	QPSK	Inner_1RB Left	1	1	24.11	23.98	24.65
				16QAM		1	1	24.08	23.88	24.10
				64QAM		1	1	23.50	23.54	23.55
				256QAM		1	1	19.72	19.43	19.59
				QPSK	Inner_1RB Right	1	160	23.86	24.29	24.76
				QPSK	Inner_Full	81	40	24.09	24.30	24.59
				QPSK	Outer_Full	162	0	23.08	23.30	23.12
				QPSK	Edge_1RB Left	1	0	22.66	22.45	22.56
				QPSK	Edge_Full Left	2	0	22.63	22.43	22.58
				QPSK	Edge_1RB Right	1	161	22.36	22.75	22.77
				QPSK	Edge_Full Right	2	160	22.33	22.76	22.74

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 507204 (2536.02 MHz)	Mid Channel 518598 (2592.99 MHz)	High Channel 529998 (2649.99 MHz)
n41	30	80	CP-OFDM	QPSK	Inner_1RB Left	1	1	24.31	23.85	24.26
				16QAM		1	1	24.20	23.58	23.74
				64QAM		1	1	23.30	23.32	23.30
				256QAM		1	1	19.83	19.72	19.75
				QPSK	Inner_1RB Right	1	215	23.89	23.72	23.45
				QPSK	Inner_Full	109	54	24.02	24.01	24.35
				QPSK	Outer_Full	217	0	23.00	23.08	23.24
				QPSK	Edge_1RB Left	1	0	22.75	22.57	22.79
				QPSK	Edge_Full Left	2	0	22.72	22.52	22.75
				QPSK	Edge_1RB Right	1	216	22.37	22.65	22.12
				QPSK	Edge_Full Right	2	215	22.37	22.68	22.12

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 508200 (2541 MHz)	Mid Channel 518598 (2592.99 MHz)	High Channel 528996 (2644.98 MHz)
n41	30	90	CP-OFDM	QPSK	Inner_1RB Left	1	1	24.44	23.79	24.37
				16QAM		1	1	24.29	23.57	23.75
				64QAM		1	1	23.02	23.03	23.04
				256QAM		1	1	20.12	19.77	19.90
				QPSK	Inner_1RB Right	1	243	23.96	23.75	23.57
				QPSK	Inner_Full	123	61	24.09	23.81	24.49
				QPSK	Outer_Full	245	0	23.21	23.07	23.14
				QPSK	Edge_1RB Left	1	0	22.89	22.61	22.95
				QPSK	Edge_Full Left	2	0	22.85	22.56	22.95
				QPSK	Edge_1RB Right	1	244	22.43	22.78	22.07
				QPSK	Edge_Full Right	2	243	22.41	22.74	22.08

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 509202 (2546.01 MHz)	Mid Channel 518598 (2592.99 MHz)	High Channel 528000 (2640 MHz)
n41	30	100	CP-OFDM	QPSK	Inner_1RB Left	1	1	24.90	24.90	24.78
				16QAM		1	1	24.26	23.71	23.58
				64QAM		1	1	23.05	23.06	23.07
				256QAM		1	1	20.34	19.74	19.76
				QPSK	Inner_1RB Right	1	271	23.94	23.48	23.11
				QPSK	Inner_Full	137	68	24.77	24.79	24.75
				QPSK	Outer_Full	273	0	23.11	22.91	22.91
				QPSK	Edge_1RB Left	1	0	22.89	22.56	22.75
				QPSK	Edge_Full Left	2	0	22.86	22.52	22.72
				QPSK	Edge_1RB Right	1	272	22.42	22.59	21.78
				QPSK	Edge_Full Right	2	271	22.39	22.63	21.79

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Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 342500 (1712.5 MHz)	Mid Channel 349000 (1745 MHz)	High Channel 355500 (1777.5 MHz)
n66	15	5	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	23.47	23.49	23.00
				QPSK		1	1	23.40	23.37	23.04
				16QAM		1	1	22.47	22.30	21.99
				64QAM		1	1	21.21	21.04	20.67
				256QAM		1	1	19.60	19.09	18.93
				Pi/2 BPSK	Inner_1RB Right	1	23	23.44	23.40	23.01
				QPSK		1	23	23.42	23.42	23.07
				Pi/2 BPSK	Inner_Full	12	6	23.48	23.38	23.17
				QPSK		12	6	23.44	23.43	23.11
				Pi/2 BPSK	Outer_Full	25	0	22.93	22.89	22.56
				QPSK		25	0	22.49	22.42	21.99
				Pi/2 BPSK	Edge_1RB Left	1	0	23.03	22.76	22.44
				QPSK		1	0	22.43	22.34	22.06
				Pi/2 BPSK	Edge_Full Left	2	0	22.97	22.95	22.54
				QPSK		2	0	22.43	22.36	22.00
				Pi/2 BPSK	Edge_1RB Right	1	24	22.95	23.36	22.54
				QPSK		1	24	22.45	23.45	22.04
				Pi/2 BPSK	Edge_Full Right	2	23	22.93	23.43	22.54
				QPSK		2	23	22.46	23.35	21.96
			CP-OFDM	QPSK	Inner_1RB Left	1	1	22.28	21.80	21.65

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 343000 (1715 MHz)	Mid Channel 349000 (1745 MHz)	High Channel 355000 (1775 MHz)
								SA	SA	SA
n66	15	10	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	23.02	23.21	23.00
				QPSK		1	1	23.40	23.17	23.03
				16QAM		1	1	22.45	22.22	22.09
				64QAM		1	1	21.09	20.89	20.65
				256QAM		1	1	19.59	19.12	18.91
				Pi/2 BPSK	Inner_1RB Right	1	50	23.37	23.26	22.99
				QPSK		1	50	23.33	23.16	22.92
				Pi/2 BPSK	Inner_Full	25	12	23.49	23.16	23.06
				QPSK		25	12	23.40	23.22	22.96
				Pi/2 BPSK	Outer_Full	50	0	22.96	22.81	22.58
				QPSK		50	0	22.35	22.20	21.97
				Pi/2 BPSK	Edge_1RB Left	1	0	22.95	22.72	22.53
				QPSK		1	0	22.41	22.06	22.01
				Pi/2 BPSK	Edge_Full Left	2	0	22.93	22.66	22.56
				QPSK		2	0	22.55	22.18	21.96
				Pi/2 BPSK	Edge_1RB Right	1	51	22.99	22.64	22.48
				QPSK		1	51	22.37	22.10	21.96
				Pi/2 BPSK	Edge_Full Right	2	50	22.83	22.58	22.44
				QPSK		2	50	22.29	22.09	21.88
			CP-OFDM	QPSK	Inner_1RB Left	1	1	21.85	21.63	21.39

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 343500 (1717.5 MHz)	Mid Channel 349000 (1745 MHz)	High Channel 354500 (1772.5 MHz)
n66	15	15	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	23.44	23.12	22.91
				QPSK		1	1	23.49	23.18	22.99
				16QAM		1	1	22.49	22.21	21.92
				64QAM		1	1	21.03	20.85	20.63
				256QAM		1	1	19.67	19.23	18.95
				Pi/2 BPSK	Inner_1RB Right	1	77	23.38	23.15	22.92
				QPSK		1	77	23.32	23.21	22.87
				Pi/2 BPSK	Inner_Full	36	18	23.40	23.22	22.88
				QPSK		36	18	23.41	23.23	22.90
				Pi/2 BPSK	Outer_Full	75	0	22.94	22.72	22.44
				QPSK		75	0	22.45	22.28	21.98
				Pi/2 BPSK	Edge_1RB Left	1	0	23.00	22.72	22.51
				QPSK		1	0	22.51	22.20	22.01
				Pi/2 BPSK	Edge_Full Left	2	0	23.08	22.77	22.55
				QPSK		2	0	22.50	22.20	22.00
				Pi/2 BPSK	Edge_1RB Right	1	78	22.85	22.67	22.44
				QPSK		1	78	22.35	22.21	21.94
				Pi/2 BPSK	Edge_Full Right	2	77	22.91	22.82	22.47
				QPSK		2	77	22.41	22.22	21.95
			CP-OFDM	QPSK	Inner_1RB Left	1	1	21.85	21.63	21.38

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Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 344000 (1720 MHz)	Mid Channel 349000 (1745 MHz)	High Channel 354000 (1770 MHz)
n66	15	20	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	23.15	23.16	23.01
				QPSK		1	1	23.49	23.20	22.93
				16QAM		1	1	22.42	22.17	22.07
				64QAM		1	1	21.01	22.17	20.69
				256QAM		1	1	19.76	19.62	19.33
				Pi/2 BPSK	Inner_1RB Right	1	104	23.28	23.07	23.04
				QPSK		1	104	23.23	23.11	22.96
				Pi/2 BPSK	Inner_Full	50	25	23.24	23.13	22.96
				QPSK		50	25	23.25	23.14	22.98
				Pi/2 BPSK	Outer_Full	100	0	22.74	22.68	22.49
				QPSK		100	0	22.31	22.18	22.04
				Pi/2 BPSK	Edge_1RB Left	1	0	22.90	22.69	22.57
				QPSK		1	0	22.46	22.24	22.05
				Pi/2 BPSK	Edge_Full Left	2	0	22.99	22.80	22.60
				QPSK		2	0	22.43	22.23	22.04
				Pi/2 BPSK	Edge_1RB Right	1	105	22.77	22.75	22.38
				QPSK		1	105	22.27	22.17	21.93
				Pi/2 BPSK	Edge_Full Right	2	104	22.82	22.73	22.56
				QPSK		2	104	22.25	22.18	21.95
			CP-OFDM	QPSK	Inner_1RB Left	1	1	21.83	21.78	21.45

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 345000 (1725 MHz)	Mid Channel 349000 (1745 MHz)	High Channel 353000 (1765 MHz)
n66	15	30	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	23.47	23.23	23.28
				QPSK		1	1	23.49	23.27	23.27
				16QAM		1	1	22.36	22.30	22.16
				64QAM		1	1	21.06	20.95	20.90
				256QAM		1	1	19.86	19.59	19.35
				Pi/2 BPSK	Inner_1RB Right	1	158	23.46	23.27	23.33
				QPSK		1	158	23.39	23.25	23.33
				Pi/2 BPSK	Inner_Full	80	40	23.33	23.32	22.81
				QPSK		80	40	23.39	23.21	22.26
				Pi/2 BPSK	Outer_Full	160	0	22.87	22.83	22.82
				QPSK		160	0	22.54	22.21	22.28
				Pi/2 BPSK	Edge_1RB Left	1	0	22.99	22.80	22.68
				QPSK		1	0	22.64	22.32	22.34
				Pi/2 BPSK	Edge_Full Left	2	0	23.08	22.83	22.77
				QPSK		2	0	22.50	22.29	22.17
				Pi/2 BPSK	Edge_1RB Right	1	159	22.93	22.75	22.74
				QPSK		1	159	22.46	22.30	22.20
				Pi/2 BPSK	Edge_Full Right	2	158	22.95	22.80	22.76
				QPSK		2	158	22.36	22.30	22.16
			CP-OFDM	QPSK	Inner_1RB Left	1	1	22.00	21.78	21.66

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 346000 (1730 MHz)	Mid Channel 349000 (1745 MHz)	High Channel 352000 (1760 MHz)
n66	15	40	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	23.50	23.50	23.34
				QPSK		1	1	23.28	23.25	23.30
				16QAM		1	1	22.31	22.05	22.23
				64QAM		1	1	20.87	20.79	20.73
				256QAM		1	1	19.76	19.62	19.33
				Pi/2 BPSK	Inner_1RB Right	1	214	23.07	22.97	22.78
				QPSK		1	214	23.11	22.99	22.72
				Pi/2 BPSK	Inner_Full	108	54	23.26	23.22	23.01
				QPSK		108	54	23.17	23.13	23.03
				Pi/2 BPSK	Outer_Full	216	0	22.73	22.69	22.51
				QPSK		216	0	22.23	22.10	22.08
				Pi/2 BPSK	Edge_1RB Left	1	0	22.81	22.65	22.68
				QPSK		1	0	22.50	22.20	22.37
				Pi/2 BPSK	Edge_Full Left	2	0	22.93	22.77	22.75
				QPSK		2	0	22.38	22.18	22.22
				Pi/2 BPSK	Edge_1RB Right	1	215	22.54	22.43	22.46
				QPSK		1	215	22.05	21.97	22.05
				Pi/2 BPSK	Edge_Full Right	2	214	22.78	22.59	22.48
				QPSK		2	214	22.04	22.00	22.02
			CP-OFDM	QPSK	Inner_1RB Left	1	1	21.90	21.96	21.58

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Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 133100 (665.5 MHz)	Mid Channel 136100 (680.5 MHz)	High Channel 139100 (695.5 MHz)
n71	15	5	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	23.17	23.64	23.58
				QPSK		1	1	23.10	23.80	23.51
				16QAM		1	1	22.02	22.64	22.48
				64QAM		1	1	20.70	21.27	21.31
				256QAM		1	1	19.66	19.60	19.50
				Pi/2 BPSK	Inner_1RB Right	1	23	23.50	23.58	23.45
				QPSK		1	23	23.43	23.61	23.38
				Pi/2 BPSK	Inner_Full	12	6	23.56	23.62	23.45
				QPSK		12	6	23.73	23.69	23.48
				Pi/2 BPSK	Outer_Full	25	0	23.21	23.19	22.96
				QPSK		25	0	22.81	22.71	22.49
				Pi/2 BPSK	Edge_1RB Left	1	0	22.90	23.19	23.13
				QPSK		1	0	22.32	22.64	22.64
				Pi/2 BPSK	Edge_Full Left	2	0	22.97	23.25	23.08
				QPSK		2	0	22.41	22.70	22.53
				Pi/2 BPSK	Edge_1RB Right	1	24	23.23	23.04	22.90
				QPSK		1	24	22.73	22.56	22.49
				Pi/2 BPSK	Edge_Full Right	2	23	23.28	23.07	22.94
				QPSK		2	23	22.75	22.53	22.39
			CP-OFDM	QPSK	Inner_1RB Left	1	1	22.09	22.05	21.91

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 133600 (668 MHz)	Mid Channel 136100 (680.5 MHz)	High Channel 138600 (693 MHz)
n71	15	10	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	23.78	23.05	23.49
				QPSK		1	1	23.73	23.68	23.57
				16QAM		1	1	22.66	22.65	22.45
				64QAM		1	1	21.34	21.31	21.22
				256QAM		1	1	19.56	19.52	19.49
				Pi/2 BPSK	Inner_1RB Right	1	50	23.73	23.50	23.41
				QPSK		1	50	23.68	23.45	23.46
				Pi/2 BPSK	Inner_Full	25	12	23.66	23.67	23.53
				QPSK		25	12	23.77	23.45	23.47
				Pi/2 BPSK	Outer_Full	50	0	23.19	23.25	22.97
				QPSK		50	0	22.72	22.76	22.49
				Pi/2 BPSK	Edge_1RB Left	1	0	23.27	22.88	22.98
				QPSK		1	0	22.71	22.62	22.54
				Pi/2 BPSK	Edge_Full Left	2	0	23.24	22.93	23.07
				QPSK		2	0	22.72	22.53	22.49
				Pi/2 BPSK	Edge_1RB Right	1	51	23.14	23.01	22.91
				QPSK		1	51	22.73	22.49	22.46
				Pi/2 BPSK	Edge_Full Right	2	50	23.12	23.00	22.86
				QPSK		2	50	22.61	22.43	22.42
			CP-OFDM	QPSK	Inner_1RB Left	1	1	22.08	21.97	22.17

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 134100 (670.5 MHz)	Mid Channel 136100 (680.5 MHz)	High Channel 138100 (690.5 MHz)
n71	15	15	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	23.87	23.90	23.59
				QPSK		1	1	23.94	23.96	23.69
				16QAM		1	1	22.76	22.78	22.62
				64QAM		1	1	21.53	21.54	21.23
				256QAM		1	1	19.69	19.76	19.54
				Pi/2 BPSK	Inner_1RB Right	1	77	23.72	23.57	23.40
				QPSK		1	77	23.69	23.55	23.46
				Pi/2 BPSK	Inner_Full	36	18	23.66	23.80	23.50
				QPSK		36	18	23.74	23.72	23.51
				Pi/2 BPSK	Outer_Full	75	0	23.27	23.34	23.03
				QPSK		75	0	22.90	22.79	22.47
				Pi/2 BPSK	Edge_1RB Left	1	0	23.05	23.30	22.96
				QPSK		1	0	22.90	22.79	22.63
				Pi/2 BPSK	Edge_Full Left	2	0	23.09	23.35	23.00
				QPSK		2	0	22.86	22.90	22.63
				Pi/2 BPSK	Edge_1RB Right	1	78	23.23	23.09	22.85
				QPSK		1	78	22.74	22.53	22.31
				Pi/2 BPSK	Edge_Full Right	2	77	23.29	23.09	22.90
				QPSK		2	77	22.73	22.55	22.45
			CP-OFDM	QPSK	Inner_1RB Left	1	1	22.35	22.26	22.07

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Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 134600 (673 MHz)	Mid Channel 136100 (680.5 MHz)	High Channel 137600 (688 MHz)
n71	15	20	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	23.95	23.97	23.86
				QPSK		1	1	23.78	23.83	23.82
				16QAM		1	1	22.78	22.78	22.77
				64QAM		1	1	21.53	21.53	21.50
				256QAM		1	1	19.67	19.71	19.67
				Pi/2 BPSK	Inner_1RB Right	1	104	23.56	23.49	23.36
				QPSK		1	104	23.61	23.56	23.40
				Pi/2 BPSK	Inner_Full	50	25	23.79	23.81	23.62
				QPSK		50	25	23.87	23.26	23.50
				Pi/2 BPSK	Outer_Full	100	0	23.00	23.05	23.04
				QPSK		100	0	22.50	22.40	22.52
				Pi/2 BPSK	Edge_1RB Left	1	0	23.53	23.59	23.56
				QPSK		1	0	22.44	22.24	22.87
				Pi/2 BPSK	Edge_Full Left	2	0	23.00	23.01	23.46
				QPSK		2	0	22.40	22.21	22.87
				Pi/2 BPSK	Edge_1RB Right	1	105	21.50	21.89	22.88
				QPSK		1	105	21.58	22.41	22.41
				Pi/2 BPSK	Edge_Full Right	2	104	21.56	21.90	23.00
				QPSK		2	104	21.59	22.38	22.42
			CP-OFDM	QPSK	Inner_1RB Left	1	1	22.25	22.30	22.22

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5G NR n77

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 647334 (3710.01 MHz)	Mid Channel 656000 (3840 MHz)	High Channel 664666 (3969.99 MHz)
n77	30	20	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	25.73	24.62	24.11
				QPSK		1	1	25.60	24.51	24.08
				16QAM		1	1	24.59	23.59	23.12
				64QAM		1	1	24.19	23.12	22.65
				256QAM		1	1	21.07	20.42	20.62
				Pi/2 BPSK	Inner_1RB Right	1	49	25.58	24.75	23.68
				QPSK		1	49	25.44	24.68	23.64
				Pi/2 BPSK	Inner_Full	25	12	25.65	24.69	23.86
				QPSK		25	12	25.49	24.63	23.83
				Pi/2 BPSK	Outer_Full	50	0	25.21	24.19	23.40
				QPSK		50	0	24.68	23.75	22.98
				Pi/2 BPSK	Edge_1RB Left	1	0	23.34	23.97	23.77
				QPSK		1	0	23.32	23.91	23.70
				Pi/2 BPSK	Edge_Full Left	2	0	23.40	23.97	23.76
				QPSK		2	0	23.43	24.01	23.77
				Pi/2 BPSK	Edge_1RB Right	1	50	23.53	24.20	24.21
				QPSK		1	50	23.43	24.12	24.13
				Pi/2 BPSK	Edge_Full Right	2	49	23.56	24.21	24.21
				QPSK		2	49	23.57	24.25	24.18
			CP-OFDM	QPSK	Inner_1RB Left	1	1	24.04	22.84	22.86

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 647668 (3715.02 MHz)	Mid Channel 656000 (3840 MHz)	High Channel 664332 (3964.98 MHz)
n77	30	30	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	25.61	24.53	24.42
				QPSK		1	1	25.46	24.49	24.41
				16QAM		1	1	24.55	23.55	23.43
				64QAM		1	1	23.10	22.10	21.96
				256QAM		1	1	20.87	20.14	19.77
				Pi/2 BPSK	Inner_1RB Right	1	76	25.34	24.68	23.63
				QPSK		1	76	25.23	24.63	23.60
				Pi/2 BPSK	Inner_Full	36	18	25.50	24.65	24.02
				QPSK		36	18	25.36	24.59	23.99
				Pi/2 BPSK	Outer_Full	75	0	25.01	24.22	23.60
				QPSK		75	0	24.56	23.70	23.09
				Pi/2 BPSK	Edge_1RB Left	1	0	23.28	23.77	23.75
				QPSK		1	0	23.26	23.70	23.72
				Pi/2 BPSK	Edge_Full Left	2	0	23.28	23.76	23.77
				QPSK		2	0	23.31	23.77	23.78
				Pi/2 BPSK	Edge_1RB Right	1	77	23.72	24.21	23.96
				QPSK		1	77	23.69	24.13	24.04
				Pi/2 BPSK	Edge_Full Right	2	76	23.72	24.21	24.02
				QPSK		2	76	23.75	24.18	24.15
			CP-OFDM	QPSK	Inner_1RB Left	1	1	23.94	22.86	22.72

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 648000 (3720 MHz)	Mid Channel 656000 (3840 MHz)	High Channel 664000 (3960 MHz)
n77	30	40	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	25.64	24.49	24.28
				QPSK		1	1	25.56	24.38	24.23
				16QAM		1	1	24.64	23.39	23.27
				64QAM		1	1	24.15	22.93	22.79
				256QAM		1	1	21.01	20.23	19.16
				Pi/2 BPSK	Inner_1RB Right	1	104	25.19	24.57	23.65
				QPSK		1	104	25.10	24.46	23.58
				Pi/2 BPSK	Inner_Full	50	25	25.47	24.66	24.17
				QPSK		50	25	25.34	24.58	24.11
				Pi/2 BPSK	Outer_Full	100	0	25.00	24.18	23.71
				QPSK		100	0	24.56	23.72	23.24
				Pi/2 BPSK	Edge_1RB Left	1	0	23.36	23.75	23.36
				QPSK		1	0	23.29	23.72	23.29
				Pi/2 BPSK	Edge_Full Left	2	0	23.47	23.77	23.47
				QPSK		2	0	23.41	23.78	23.41
				Pi/2 BPSK	Edge_1RB Right	1	105	23.92	23.96	23.92
				QPSK		1	105	23.86	24.04	23.86
				Pi/2 BPSK	Edge_Full Right	2	104	23.93	24.02	23.93
				QPSK		2	104	23.92	24.15	23.92
			CP-OFDM	QPSK	Inner_1RB Left	1	1	23.98	22.72	23.98

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Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 648334 (3725.01 MHz)	Mid Channel 656000 (3840 MHz)	High Channel 663666 (3954.99 MHz)
n77	30	50	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	25.38	24.00	24.12
				QPSK		1	1	25.25	24.47	24.09
				16QAM		1	1	24.31	23.54	23.13
				64QAM		1	1	23.40	22.62	22.16
				256QAM		1	1	20.79	20.06	19.15
				Pi/2 BPSK	Inner_1RB Right	1	131	25.03	24.50	23.63
				QPSK		1	131	24.92	24.39	23.60
				Pi/2 BPSK	Inner_Full	64	32	25.16	24.80	24.36
				QPSK		64	32	25.03	24.58	24.29
				Pi/2 BPSK	Outer_Full	128	0	24.83	24.55	23.86
				QPSK		128	0	24.29	23.75	23.33
				Pi/2 BPSK	Edge_1RB Left	1	0	23.06	23.41	23.41
				QPSK		1	0	23.02	23.39	23.39
				Pi/2 BPSK	Edge_Full Left	2	0	23.07	23.50	23.50
				QPSK		2	0	23.09	23.47	23.47
				Pi/2 BPSK	Edge_1RB Right	1	132	23.62	23.73	23.73
				QPSK		1	132	23.62	23.72	23.72
				Pi/2 BPSK	Edge_Full Right	2	131	23.63	23.82	23.82
				QPSK		2	131	23.67	23.77	23.77
			CP-OFDM	QPSK	Inner_1RB Left	1	1	23.92	22.83	22.83

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 648668 (3730.02 MHz)	Mid Channel 656000 (3840 MHz)	High Channel 663332 (3949.98 MHz)
n77	30	60	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	25.48	24.59	24.01
				QPSK		1	1	25.30	24.47	24.40
				16QAM		1	1	24.36	23.55	22.97
				64QAM		1	1	23.46	22.63	21.91
				256QAM		1	1	20.86	20.19	19.24
				Pi/2 BPSK	Inner_1RB Right	1	160	24.95	24.27	24.08
				QPSK		1	160	24.80	24.19	24.10
				Pi/2 BPSK	Inner_Full	81	40	25.22	24.69	24.73
				QPSK		81	40	25.03	24.57	24.50
				Pi/2 BPSK	Outer_Full	162	0	25.01	24.25	24.22
				QPSK		162	0	24.58	23.76	23.70
				Pi/2 BPSK	Edge_1RB Left	1	0	23.27	23.37	23.35
				QPSK		1	0	23.24	23.34	23.30
				Pi/2 BPSK	Edge_Full Left	2	0	23.40	23.37	23.36
				QPSK		2	0	23.30	23.41	23.36
				Pi/2 BPSK	Edge_1RB Right	1	161	23.62	23.66	23.48
				QPSK		1	161	23.62	23.62	23.35
				Pi/2 BPSK	Edge_Full Right	2	160	23.68	23.65	23.50
				QPSK		2	160	23.63	23.69	23.50
			CP-OFDM	QPSK	Inner_1RB Left	1	1	23.91	22.91	23.01

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 649000 (3735 MHz)	Mid Channel 656000 (3840 MHz)	High Channel 663000 (3945 MHz)
n77	30	70	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	25.34	24.63	24.49
				QPSK		1	1	25.23	24.58	24.43
				16QAM		1	1	24.27	23.63	24.46
				64QAM		1	1	23.33	22.71	21.51
				256QAM		1	1	20.81	20.25	19.24
				Pi/2 BPSK	Inner_1RB Right	1	187	24.83	24.09	24.14
				QPSK		1	187	24.73	24.01	24.02
				Pi/2 BPSK	Inner_Full	90	45	25.09	24.66	24.65
				QPSK		90	45	24.99	24.60	24.55
				Pi/2 BPSK	Outer_Full	180	0	24.88	24.32	24.13
				QPSK		180	0	24.36	23.90	23.50
				Pi/2 BPSK	Edge_1RB Left	1	0	23.21	23.35	23.21
				QPSK		1	0	23.18	23.30	23.12
				Pi/2 BPSK	Edge_Full Left	2	0	23.22	23.36	23.22
				QPSK		2	0	23.24	23.36	23.25
				Pi/2 BPSK	Edge_1RB Right	1	188	23.57	23.48	23.40
				QPSK		1	188	23.50	23.35	23.39
				Pi/2 BPSK	Edge_Full Right	2	187	23.59	23.50	23.42
				QPSK		2	187	23.56	23.50	23.46
			CP-OFDM	QPSK	Inner_1RB Left	1	1	23.87	23.01	23.77

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Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 649334 (3740.01 MHz)	Mid Channel 656000 (3840 MHz)	High Channel 662666 (3939.99 MHz)
n77	30	80	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	25.43	24.76	24.36
				QPSK		1	1	25.25	24.64	24.28
				16QAM		1	1	24.30	23.73	24.36
				64QAM		1	1	23.43	22.77	21.41
				256QAM		1	1	20.93	20.42	19.59
				Pi/2 BPSK	Inner_1RB Right	1	215	24.50	23.82	24.02
				QPSK		1	215	24.36	23.81	23.92
				Pi/2 BPSK	Inner_Full	108	54	25.09	24.68	24.60
				QPSK		108	54	24.95	24.57	24.50
				Pi/2 BPSK	Outer_Full	216	0	24.94	24.28	23.97
				QPSK		216	0	24.25	23.73	23.49
				Pi/2 BPSK	Edge_1RB Left	1	0	23.29	23.31	23.19
				QPSK		1	0	23.28	23.24	23.13
				Pi/2 BPSK	Edge_Full Left	2	0	23.29	23.27	23.20
				QPSK		2	0	23.34	23.30	23.19
				Pi/2 BPSK	Edge_1RB Right	1	216	23.34	23.21	23.00
				QPSK		1	216	23.31	23.19	22.83
				Pi/2 BPSK	Edge_Full Right	2	215	23.35	23.29	23.00
				QPSK		2	215	23.35	23.25	22.98
			CP-OFDM	QPSK	Inner_1RB Left	1	1	23.93	23.12	23.00

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 649668 (3745.02 MHz)	Mid Channel 656000 (3840 MHz)	High Channel 662332 (3934.98 MHz)
n77	30	90	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	25.47	24.83	24.48
				QPSK		1	1	25.37	24.75	24.41
				16QAM		1	1	24.45	23.84	22.50
				64QAM		1	1	23.01	22.42	21.08
				256QAM		1	1	20.87	20.55	19.72
				Pi/2 BPSK	Inner_1RB Right	1	243	24.41	23.72	23.92
				QPSK		1	243	24.32	23.66	23.89
				Pi/2 BPSK	Outer_Full	243	0	24.67	24.17	23.79
				QPSK		243	0	24.19	23.78	23.53
				Pi/2 BPSK	Edge_1RB Left	1	0	23.21	23.25	23.19
				QPSK		1	0	23.12	23.22	23.13
				Pi/2 BPSK	Edge_Full Left	2	0	23.22	23.25	23.20
				QPSK		2	0	23.25	23.28	23.19
				Pi/2 BPSK	Edge_1RB Right	1	244	23.40	23.12	23.00
				QPSK		1	244	23.39	22.68	22.83
				Pi/2 BPSK	Edge_Full Right	2	243	23.42	23.12	23.00
				QPSK		2	243	23.46	22.75	22.98
			CP-OFDM	QPSK	Inner_1RB Left	1	1	23.77	23.15	23.00

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 650000 (3750 MHz)	Mid Channel 656000 (3840 MHz)	High Channel 6620000 (3930 MHz)
n77	30	100	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	25.74	25.78	24.74
				QPSK		1	1	25.28	24.82	23.57
				16QAM		1	1	24.34	23.90	22.65
				64QAM		1	1	22.98	22.46	21.22
				256QAM		1	1	20.94	20.64	20.54
				Pi/2 BPSK	Inner_1RB Right	1	271	24.70	24.76	24.00
				QPSK		1	271	23.90	23.50	23.90
				Pi/2 BPSK	Inner_Full	135	67	25.59	25.40	24.68
				QPSK		135	67	24.82	24.49	24.11
				Pi/2 BPSK	Outer_Full	270	0	24.60	24.05	23.80
				QPSK		270	0	24.18	23.66	23.29
				Pi/2 BPSK	Edge_1RB Left	1	0	23.24	23.24	23.19
				QPSK		1	0	23.24	23.23	23.13
				Pi/2 BPSK	Edge_Full Left	2	0	23.28	23.26	23.20
				QPSK		2	0	23.29	23.29	23.19
				Pi/2 BPSK	Edge_1RB Right	1	272	23.31	23.05	23.00
				QPSK		1	272	23.24	22.97	22.83
				Pi/2 BPSK	Edge_Full Right	2	271	23.33	23.05	23.00
				QPSK		2	271	23.29	23.03	22.98
			CP-OFDM	QPSK	Inner_1RB Left	1	1	23.81	22.50	23.00

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Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 647334 (3710.01 MHz)	Mid Channel 656000 (3840 MHz)	High Channel 664666 (3969.99 MHz)
n77	30	20	CP-OFDM	QPSK	Inner_1RB Left	1	1	23.88	23.99	25.10
				16QAM		1	1	23.69	23.69	24.48
				64QAM		1	1	23.50	23.50	23.20
				256QAM		1	1	21.37	20.10	20.82
				QPSK	Inner_1RB Right	1	49	24.50	24.50	25.00
				QPSK	Inner_Full	25	12	24.25	24.25	24.98
				QPSK	Outer_Full	51	0	22.79	22.79	23.50
				QPSK	Edge_1RB Left	1	0	24.40	24.80	23.13
				QPSK	Edge_Full Left	2	0	22.00	22.00	22.50
				QPSK	Edge_1RB Right	1	50	22.36	22.36	23.10
				QPSK	Edge_Full Right	2	49	23.00	23.00	23.05

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 647668 (3715.02 MHz)	Mid Channel 656000 (3840 MHz)	High Channel 664332 (3964.98 MHz)
n77	30	30	CP-OFDM	QPSK	Inner_1RB Left	1	1	24.40	24.20	24.33
				16QAM		1	1	23.70	23.67	23.77
				64QAM		1	1	22.50	22.60	22.60
				256QAM		1	1	21.24	20.29	20.76
				QPSK	Inner_1RB Right	1	76	24.09	24.00	24.16
				QPSK	Inner_Full	39	19	23.54	24.28	24.56
				QPSK	Outer_Full	78	0	22.61	22.77	23.19
				QPSK	Edge_1RB Left	1	0	22.05	22.16	22.28
				QPSK	Edge_Full Left	2	0	22.07	22.55	22.31
				QPSK	Edge_1RB Right	1	77	22.14	22.30	22.30
				QPSK	Edge_Full Right	2	76	22.15	22.31	22.19

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 648000 (3720 MHz)	Mid Channel 656000 (3840 MHz)	High Channel 664000 (3960 MHz)
n77	30	40	CP-OFDM	QPSK	Inner_1RB Left	1	1	24.22	24.00	24.26
				16QAM		1	1	23.61	23.70	23.69
				64QAM		1	1	22.80	22.88	22.90
				256QAM		1	1	21.37	20.28	20.29
				QPSK	Inner_1RB Right	1	104	24.00	24.39	24.00
				QPSK	Inner_Full	53	26	23.70	24.28	24.15
				QPSK	Outer_Full	106	0	22.76	22.84	22.71
				QPSK	Edge_1RB Left	1	0	22.17	22.19	22.29
				QPSK	Edge_Full Left	2	0	22.17	22.18	22.24
				QPSK	Edge_1RB Right	1	105	22.38	22.42	22.21
				QPSK	Edge_Full Right	2	104	22.40	22.39	22.18

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 648334 (3725.01 MHz)	Mid Channel 656000 (3840 MHz)	High Channel 663666 (3954.99 MHz)
n77	30	50	CP-OFDM	QPSK	Inner_1RB Left	1	1	23.52	24.00	24.22
				16QAM		1	1	23.41	23.46	23.44
				64QAM		1	1	22.50	22.60	22.66
				256QAM		1	1	21.05	20.23	19.97
				QPSK	Inner_1RB Right	1	131	23.60	23.50	23.93
				QPSK	Inner_Full	67	33	23.51	24.22	23.98
				QPSK	Outer_Full	133	0	22.56	22.67	22.46
				QPSK	Edge_1RB Left	1	0	21.98	22.12	22.09
				QPSK	Edge_Full Left	2	0	21.98	22.10	22.13
				QPSK	Edge_1RB Right	1	132	22.14	22.18	21.99
				QPSK	Edge_Full Right	2	131	22.11	22.09	21.92

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Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 648668 (3730.02 MHz)	Mid Channel 656000 (3840 MHz)	High Channel 663332 (3949.98 MHz)
n77	30	60	CP-OFDM	QPSK	Inner_1RB Left	1	1	24.30	24.50	24.09
				16QAM		1	1	23.47	23.58	23.64
				64QAM		1	1	22.80	22.56	22.55
				256QAM		1	1	21.18	20.58	20.58
				QPSK	Inner_1RB Right	1	160	24.00	24.11	24.02
				QPSK	Inner_Full	81	40	23.70	24.26	24.15
				QPSK	Outer_Full	162	0	22.70	22.74	22.65
				QPSK	Edge_1RB Left	1	0	22.10	22.06	22.11
				QPSK	Edge_Full Left	2	0	22.05	22.01	22.09
				QPSK	Edge_1RB Right	1	161	22.21	22.13	22.03
				QPSK	Edge_Full Right	2	160	22.20	22.07	21.96

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 649000 (3735 MHz)	Mid Channel 656000 (3840 MHz)	High Channel 663000 (3945 MHz)
n77	30	70	CP-OFDM	QPSK	Inner_1RB Left	1	1	23.52	24.05	24.10
				16QAM		1	1	23.48	23.52	23.60
				64QAM		1	1	22.90	22.78	22.66
				256QAM		1	1	21.15	20.69	20.46
				QPSK	Inner_1RB Right	1	187	23.59	23.54	24.01
				QPSK	Inner_Full	95	47	23.62	24.21	24.26
				QPSK	Outer_Full	189	0	22.65	22.69	22.72
				QPSK	Edge_1RB Left	1	0	22.01	22.07	22.16
				QPSK	Edge_Full Left	2	0	22.05	22.05	22.15
				QPSK	Edge_1RB Right	1	188	22.09	22.03	22.04
				QPSK	Edge_Full Right	2	187	22.03	22.00	22.03

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 649334 (3740.01 MHz)	Mid Channel 656000 (3840 MHz)	High Channel 662666 (3939.99 MHz)
n77	30	80	CP-OFDM	QPSK	Inner_1RB Left	1	1	23.52	24.60	24.15
				16QAM		1	1	23.52	23.46	23.44
				64QAM		1	1	22.58	22.59	22.59
				256QAM		1	1	21.26	20.82	20.55
				QPSK	Inner_1RB Right	1	215	23.77	23.80	23.88
				QPSK	Inner_Full	109	54	23.80	24.12	24.09
				QPSK	Outer_Full	217	0	22.75	22.58	22.56
				QPSK	Edge_1RB Left	1	0	22.09	22.08	22.00
				QPSK	Edge_Full Left	2	0	22.11	22.00	21.94
				QPSK	Edge_1RB Right	1	216	22.01	21.91	21.91
				QPSK	Edge_Full Right	2	215	21.97	21.96	21.85

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 649668 (3745.02 MHz)	Mid Channel 656000 (3840 MHz)	High Channel 662332 (3934.98 MHz)
n77	30	90	CP-OFDM	QPSK	Inner_1RB Left	1	1	23.51	24.20	24.30
				16QAM		1	1	23.41	23.43	23.50
				64QAM		1	1	22.55	22.54	22.51
				256QAM		1	1	21.25	20.88	20.45
				QPSK	Inner_1RB Right	1	243	23.44	23.95	23.90
				QPSK	Inner_Full	123	61	23.49	24.00	24.10
				QPSK	Outer_Full	245	0	22.48	22.48	22.56
				QPSK	Edge_1RB Left	1	0	21.95	22.03	22.01
				QPSK	Edge_Full Left	2	0	21.95	21.98	22.00
				QPSK	Edge_1RB Right	1	244	21.96	21.97	21.98
				QPSK	Edge_Full Right	2	243	21.91	21.91	21.91

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Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 650000 (3750 MHz)	Mid Channel 656000 (3840 MHz)	High Channel 6620000 (3930 MHz)
n77	30	100	CP-OFDM	QPSK	Inner_1RB Left	1	1	24.77	24.82	24.72
				16QAM		1	1	23.45	23.45	23.45
				64QAM		1	1	22.56	22.56	22.56
				256QAM		1	1	21.25	20.94	20.93
				QPSK	Inner_1RB Right	1	271	23.50	23.50	23.50
				QPSK	Inner_Full	137	68	24.70	24.80	24.60
				QPSK	Outer_Full	273	0	22.53	22.53	22.53
				QPSK	Edge_1RB Left	1	0	21.99	21.99	21.99
				QPSK	Edge_Full Left	2	0	21.98	21.98	21.98
				QPSK	Edge_1RB Right	1	272	22.00	22.00	22.00
				QPSK	Edge_Full Right	2	271	21.97	21.97	21.97

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Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 630668 (3460.02 MHz)	Mid Channel 633334 (3500.01 MHz)	High Channel 636000 (3540 MHz)
n77	30	20	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	25.40	25.42	25.01
				QPSK		1	1	25.03	25.33	25.57
				16QAM		1	1	24.33	24.33	24.62
				64QAM		1	1	23.82	23.82	23.95
				256QAM		1	1	21.07	20.82	21.54
				Pi/2 BPSK	Inner_1RB Right	1	49	25.30	25.30	25.00
				QPSK		1	49	25.46	25.46	25.52
				Pi/2 BPSK	Inner_Full	25	12	25.07	25.47	24.33
				QPSK		25	12	25.39	25.39	25.55
				Pi/2 BPSK	Outer_Full	50	0	25.15	25.15	25.29
				QPSK		50	0	24.49	24.49	24.67
				Pi/2 BPSK	Edge_1RB Left	1	0	23.14	23.14	23.00
				QPSK		1	0	23.06	23.06	22.86
				Pi/2 BPSK	Edge_Full Left	2	0	23.15	23.15	23.01
				QPSK		2	0	23.14	23.14	22.91
				Pi/2 BPSK	Edge_1RB Right	1	50	23.07	23.07	23.06
				QPSK		1	50	23.01	23.01	22.76
				Pi/2 BPSK	Edge_Full Right	2	49	23.10	23.10	23.02
				QPSK		2	49	23.08	23.08	22.80
			CP-OFDM	QPSK	Inner_1RB Left	1	1	23.79	23.79	23.72

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 631000 (3465 MHz)	Mid Channel 633334 (3500.01 MHz)	High Channel 635666 (3534.99 MHz)
n77	30	30	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	24.61	25.36	25.44
				QPSK		1	1	24.50	25.26	25.55
				16QAM		1	1	23.56	24.29	24.59
				64QAM		1	1	22.04	22.76	23.06
				256QAM		1	1	20.51	20.69	21.44
				Pi/2 BPSK	Inner_1RB Right	1	76	25.26	25.04	25.01
				QPSK		1	76	25.18	25.44	25.52
				Pi/2 BPSK	Inner_Full	36	18	25.02	25.48	25.30
				QPSK		36	18	24.90	25.37	25.09
				Pi/2 BPSK	Outer_Full	75	0	24.71	25.17	25.36
				QPSK		75	0	24.08	24.53	24.71
				Pi/2 BPSK	Edge_1RB Left	1	0	23.00	23.09	23.07
				QPSK		1	0	22.50	22.92	22.89
				Pi/2 BPSK	Edge_Full Left	2	0	23.09	23.09	23.09
				QPSK		2	0	22.61	23.02	22.99
				Pi/2 BPSK	Edge_1RB Right	1	77	23.00	23.08	23.05
				QPSK		1	77	22.96	23.01	22.84
				Pi/2 BPSK	Edge_Full Right	2	76	23.08	23.07	23.05
				QPSK		2	76	23.03	23.09	22.91
			CP-OFDM	QPSK	Inner_1RB Left	1	1	23.05	23.71	23.83

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 631334 (3470.01 MHz	Mid Channel 633334 (3500.01 MHz)	High Channel 635332 (3529.98 MHz
n77	30	40	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	24.12	25.17	25.45
				QPSK		1	1	24.08	25.07	25.28
				16QAM		1	1	23.51	24.06	24.33
				64QAM		1	1	22.95	23.52	23.78
				256QAM		1	1	20.59	20.72	21.24
				Pi/2 BPSK	Inner_1RB Right	1	104	24.45	25.41	25.49
				QPSK		1	104	24.44	25.32	25.37
				Pi/2 BPSK	Inner_Full	50	25	24.25	25.41	25.58
				QPSK		50	25	24.16	25.27	25.44
				Pi/2 BPSK	Outer_Full	100	0	24.22	25.07	25.22
				QPSK		100	0	24.12	24.42	24.56
				Pi/2 BPSK	Edge_1RB Left	1	0	23.07	23.04	23.04
				QPSK		1	0	22.59	22.83	22.92
				Pi/2 BPSK	Edge_Full Left	2	0	23.06	23.05	23.05
				QPSK		2	0	22.65	22.95	22.99
				Pi/2 BPSK	Edge_1RB Right	1	105	23.15	23.01	23.00
				QPSK		1	105	23.07	22.91	22.83
				Pi/2 BPSK	Edge_Full Right	2	104	23.08	23.03	23.00
				QPSK		2	104	23.03	22.98	22.89
			CP-OFDM	QPSK	Inner_1RB Left	1	1	22.92	23.47	23.64

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Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 631668 (3475.02 MHz)	Mid Channel 633334 (3500.01 MHz)	High Channel 635000 (3525 MHz)
n77	30	50	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	24.28	24.87	25.01
				QPSK		1	1	24.18	24.79	24.93
				16QAM		1	1	23.24	23.81	23.98
				64QAM		1	1	22.20	22.77	22.95
				256QAM		1	1	20.63	20.66	20.82
				Pi/2 BPSK	Inner_1RB Right	1	131	24.94	25.05	25.13
				QPSK		1	131	24.89	24.98	25.00
				Pi/2 BPSK	Inner_Full	64	32	24.84	25.07	25.10
				QPSK		64	32	24.72	24.99	24.98
				Pi/2 BPSK	Outer_Full	128	0	24.35	24.75	24.73
				QPSK		128	0	23.81	24.09	24.14
				Pi/2 BPSK	Edge_1RB Left	1	0	23.04	23.04	23.06
				QPSK		1	0	23.07	22.61	22.69
				Pi/2 BPSK	Edge_Full Left	2	0	23.03	23.06	23.08
				QPSK		2	0	23.03	22.70	22.74
				Pi/2 BPSK	Edge_1RB Right	1	132	23.05	23.04	23.00
				QPSK		1	132	22.83	22.74	22.60
				Pi/2 BPSK	Edge_Full Right	2	131	23.00	23.05	23.01
				QPSK		2	131	22.90	22.83	22.66
			CP-OFDM	QPSK	Inner_1RB Left	1	1	22.81	23.35	23.40

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 632000 (3480 MHz)	Mid Channel 633334 (3500.01 MHz)	High Channel 634666 (3519.99 MHz)
n77	30	60	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	24.31	24.67	24.95
				QPSK		1	1	24.22	24.56	24.80
				16QAM		1	1	23.27	23.60	23.85
				64QAM		1	1	22.19	22.51	22.80
				256QAM		1	1	20.73	20.70	20.71
				Pi/2 BPSK	Inner_1RB Right	1	160	25.12	25.11	25.14
				QPSK		1	160	25.03	25.05	25.02
				Pi/2 BPSK	Inner_Full	81	40	24.98	25.06	25.13
				QPSK		81	40	24.91	24.94	24.99
				Pi/2 BPSK	Outer_Full	162	0	24.73	24.90	24.80
				QPSK		162	0	24.14	24.03	24.16
				Pi/2 BPSK	Edge_1RB Left	1	0	23.06	23.04	23.01
				QPSK		1	0	23.09	22.56	22.67
				Pi/2 BPSK	Edge_Full Left	2	0	23.00	23.02	23.09
				QPSK		2	0	22.55	22.64	22.75
				Pi/2 BPSK	Edge_1RB Right	1	161	23.06	23.09	23.04
				QPSK		1	161	22.86	22.66	22.56
				Pi/2 BPSK	Edge_Full Right	2	160	23.04	23.01	23.05
				QPSK		2	160	22.94	22.71	22.60
			CP-OFDM	QPSK	Inner_1RB Left	1	1	22.85	23.26	23.53

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 632334 (3485.01 MHz)	Mid Channel 633334 (3500.01 MHz)	High Channel 634332 (3514.98 MHz)
n77	30	70	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	24.15	24.50	24.92
				QPSK		1	1	24.06	24.40	24.80
				16QAM		1	1	23.10	23.41	23.85
				64QAM		1	1	22.04	22.33	22.79
				256QAM		1	1	20.68	20.64	20.76
				Pi/2 BPSK	Inner_1RB Right	1	187	25.01	25.02	25.04
				QPSK		1	187	24.93	24.94	24.91
				Pi/2 BPSK	Inner_Full	90	45	24.84	24.97	25.15
				QPSK		90	45	24.77	24.92	25.03
				Pi/2 BPSK	Outer_Full	180	0	24.52	24.85	24.94
				QPSK		180	0	23.94	24.11	24.15
				Pi/2 BPSK	Edge_1RB Left	1	0	23.11	23.29	23.45
				QPSK		1	0	23.10	23.18	23.39
				Pi/2 BPSK	Edge_Full Left	2	0	23.12	23.23	23.46
				QPSK		2	0	23.17	23.30	23.50
				Pi/2 BPSK	Edge_1RB Right	1	188	23.40	23.30	23.21
				QPSK		1	188	23.35	23.25	23.18
				Pi/2 BPSK	Edge_Full Right	2	187	23.42	23.28	23.24
				QPSK		2	187	23.39	23.30	23.27
			CP-OFDM	QPSK	Inner_1RB Left	1	1	23.36	23.77	24.10

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Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 632668 (3490.02 MHz)	Mid Channel 633334 (3500.01 MHz)	High Channel 634000 (3510 MHz)
n77	30	80	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	24.20	24.35	24.60
				QPSK		1	1	24.02	24.23	24.52
				16QAM		1	1	23.03	23.25	23.55
				64QAM		1	1	21.92	22.16	22.43
				256QAM		1	1	20.71	20.72	20.72
				Pi/2 BPSK	Inner_1RB Right	1	215	25.10	25.04	25.05
				QPSK		1	215	24.90	24.93	24.95
				Pi/2 BPSK	Inner_Full	108	54	25.04	25.03	25.07
				QPSK		108	54	24.84	24.89	24.97
				Pi/2 BPSK	Outer_Full	216	0	24.80	24.73	24.82
				QPSK		216	0	24.16	24.08	24.18
				Pi/2 BPSK	Edge_1RB Left	1	0	23.22	23.23	23.31
				QPSK		1	0	23.16	23.19	23.30
				Pi/2 BPSK	Edge_Full Left	2	0	23.23	23.25	23.33
				QPSK		2	0	23.23	23.27	23.38
				Pi/2 BPSK	Edge_1RB Right	1	216	23.28	23.25	23.23
				QPSK		1	216	23.27	23.14	23.18
				Pi/2 BPSK	Edge_Full Right	2	215	23.29	23.22	23.24
				QPSK		2	215	23.30	23.28	23.26
			CP-OFDM	QPSK	Inner_1RB Left	1	1	23.41	23.66	23.84

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 633000 (3495 MHz)	Mid Channel 633334 (3500.01 MHz)	High Channel 633666 (3504.99 MHz)
n77	30	90	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	24.28	24.52	24.57
				QPSK		1	1	24.18	24.33	24.45
				16QAM		1	1	23.22	23.37	23.50
				64QAM		1	1	21.65	21.76	21.89
				256QAM		1	1	20.21	20.19	20.18
				Pi/2 BPSK	Inner_1RB Right	1	243	25.27	25.23	25.08
				QPSK		1	243	25.16	25.07	24.97
				Pi/2 BPSK	Outer_Full	243	0	24.69	24.90	24.94
				QPSK		243	0	24.15	24.15	24.24
				Pi/2 BPSK	Edge_1RB Left	1	0	23.18	23.22	23.26
				QPSK		1	0	23.18	23.21	23.21
				Pi/2 BPSK	Edge_Full Left	2	0	23.20	23.25	23.27
				QPSK		2	0	23.26	23.28	23.28
				Pi/2 BPSK	Edge_1RB Right	1	244	23.30	23.23	23.18
				QPSK		1	244	23.31	23.23	23.09
				Pi/2 BPSK	Edge_Full Right	2	243	23.33	23.26	23.17
				QPSK		2	243	23.34	23.30	23.19
			CP-OFDM	QPSK	Inner_1RB Left	1	1	23.48	22.47	23.79

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	[redacted]	Mid Channel 633334 (3500.01 MHz)	[redacted]
n77	30	100	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	[redacted]	25.55	[redacted]
				QPSK		1	1	[redacted]	24.12	[redacted]
				16QAM		1	1	[redacted]	23.13	[redacted]
				64QAM		1	1	[redacted]	21.51	[redacted]
				256QAM		1	1	[redacted]	20.83	[redacted]
				Pi/2 BPSK	Inner_1RB Right	1	271	[redacted]	25.08	[redacted]
				QPSK		1	271	[redacted]	24.98	[redacted]
				Pi/2 BPSK	Inner_Full	135	67	[redacted]	25.48	[redacted]
				QPSK		135	67	[redacted]	24.84	[redacted]
				Pi/2 BPSK	Outer_Full	270	0	[redacted]	24.60	[redacted]
				QPSK		270	0	[redacted]	23.98	[redacted]
				Pi/2 BPSK	Edge_1RB Left	1	0	[redacted]	23.04	[redacted]
				QPSK		1	0	[redacted]	22.54	[redacted]
				Pi/2 BPSK	Edge_Full Left	2	0	[redacted]	23.00	[redacted]
				QPSK		2	0	[redacted]	22.63	[redacted]
				Pi/2 BPSK	Edge_1RB Right	1	272	[redacted]	23.07	[redacted]
				QPSK		1	272	[redacted]	22.63	[redacted]
				Pi/2 BPSK	Edge_Full Right	2	271	[redacted]	23.07	[redacted]
				QPSK		2	271	[redacted]	22.67	[redacted]
			CP-OFDM	QPSK	Inner_1RB Left	1	1	[redacted]	22.83	[redacted]

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Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 630668 (3460.02 MHz)	Mid Channel 633334 (3500.01 MHz)	High Channel 636000 (3540 MHz)
n77	30	20	CP-OFDM	QPSK	Inner_1RB Left	1	1	23.90	24.00	25.17
				16QAM		1	1	23.69	23.69	24.48
				64QAM		1	1	23.50	23.50	23.20
				256QAM		1	1	20.96	21.34	21.44
				QPSK	Inner_1RB Right	1	49	24.50	24.50	25.00
				QPSK	Inner_Full	25	12	24.25	24.25	24.98
				QPSK	Outer_Full	51	0	22.79	22.79	23.50
				QPSK	Edge_1RB Left	1	0	24.40	24.80	23.13
				QPSK	Edge_Full Left	2	0	22.00	22.00	22.50
				QPSK	Edge_1RB Right	1	50	22.36	22.36	23.10
				QPSK	Edge_Full Right	2	49	23.00	23.00	23.05

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 631000 (3465 MHz)	Mid Channel 633334 (3500.01 MHz)	High Channel 635666 (3534.99 MHz)
n77	30	30	CP-OFDM	QPSK	Inner_1RB Left	1	1	24.50	24.20	24.33
				16QAM		1	1	23.70	23.67	23.77
				64QAM		1	1	22.50	22.60	22.60
				256QAM		1	1	20.91	21.36	21.54
				QPSK	Inner_1RB Right	1	76	24.09	24.00	24.16
				QPSK	Inner_Full	39	19	23.54	24.28	24.56
				QPSK	Outer_Full	78	0	22.61	22.77	23.19
				QPSK	Edge_1RB Left	1	0	22.05	22.16	22.28
				QPSK	Edge_Full Left	2	0	22.07	22.55	22.31
				QPSK	Edge_1RB Right	1	77	22.14	22.30	22.30
				QPSK	Edge_Full Right	2	76	22.15	22.31	22.19

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 631334 (3470.01 MHz)	Mid Channel 633334 (3500.01 MHz)	High Channel 635332 (3529.98 MHz)
n77	30	40	CP-OFDM	QPSK	Inner_1RB Left	1	1	24.22	24.16	24.26
				16QAM		1	1	23.61	23.70	23.69
				64QAM		1	1	22.80	22.88	22.90
				256QAM		1	1	21.14	21.39	21.57
				QPSK	Inner_1RB Right	1	104	24.00	24.39	24.00
				QPSK	Inner_Full	53	26	23.70	24.28	24.15
				QPSK	Outer_Full	106	0	22.76	22.84	22.71
				QPSK	Edge_1RB Left	1	0	22.17	22.19	22.29
				16QAM		1	0	22.19	22.16	22.21
				QPSK	Edge_Full Left	2	0	22.17	22.18	22.24
				QPSK	Edge_1RB Right	1	105	22.38	22.42	22.21
				QPSK	Edge_Full Right	2	104	22.40	22.39	22.18

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 631668 (3475.02 MHz)	Mid Channel 633334 (3500.01 MHz)	High Channel 635000 (3525 MHz)
n77	30	50	CP-OFDM	QPSK	Inner_1RB Left	1	1	23.52	24.06	24.22
				16QAM		1	1	23.41	23.46	23.44
				64QAM		1	1	22.50	22.60	22.66
				256QAM		1	1	20.95	21.23	21.26
				QPSK	Inner_1RB Right	1	131	23.60	23.50	23.93
				QPSK	Inner_Full	67	33	23.51	24.22	23.98
				QPSK	Outer_Full	133	0	22.56	22.67	22.46
				QPSK	Edge_1RB Left	1	0	21.98	22.12	22.09
				QPSK	Edge_Full Left	2	0	21.98	22.10	22.13
				QPSK	Edge_1RB Right	1	132	22.14	22.18	21.99
				QPSK	Edge_Full Right	2	131	22.11	22.09	21.92

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Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 632000 (3480 MHz)	Mid Channel 633334 (3500.01 MHz)	High Channel 634666 (3519.99 MHz)
n77	30	60	CP-OFDM	QPSK	Inner_1RB Left	1	1	24.30	24.04	24.09
				16QAM		1	1	23.47	23.58	23.64
				64QAM		1	1	22.80	22.56	22.55
				256QAM		1	1	21.04	21.28	21.41
				QPSK	Inner_1RB Right	1	160	24.00	24.11	24.02
				QPSK	Inner_Full	81	40	23.70	24.26	24.15
				QPSK	Outer_Full	162	0	22.70	22.74	22.65
				QPSK	Edge_1RB Left	1	0	22.10	22.06	22.11
				16QAM		1	0	22.50	22.06	22.12
				QPSK	Edge_Full Left	2	0	22.05	22.01	22.09
				QPSK	Edge_1RB Right	1	161	22.21	22.13	22.03
				QPSK	Edge_Full Right	2	160	22.20	22.07	21.96

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 632334 (3485.01 MHz)	Mid Channel 633334 (3500.01 MHz)	High Channel 634332 (3514.98 MHz)
n77	30	70	CP-OFDM	QPSK	Inner_1RB Left	1	1	23.52	24.05	24.15
				16QAM		1	1	23.48	23.52	23.60
				64QAM		1	1	22.90	22.78	22.66
				256QAM		1	1	20.99	21.17	21.45
				QPSK	Inner_1RB Right	1	187	23.59	23.54	24.01
				QPSK	Inner_Full	95	47	23.62	24.21	24.26
				QPSK	Outer_Full	189	0	22.65	22.69	22.72
				QPSK	Edge_1RB Left	1	0	22.01	22.07	22.16
				QPSK	Edge_Full Left	2	0	22.05	22.05	22.15
				QPSK	Edge_1RB Right	1	188	22.09	22.03	22.04
				QPSK	Edge_Full Right	2	187	22.03	22.00	22.03

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 632668 (3490.02 MHz)	Mid Channel 633334 (3500.01 MHz)	High Channel 634000 (3510 MHz)
n77	30	80	CP-OFDM	QPSK	Inner_1RB Left	1	1	23.52	24.00	24.15
				16QAM		1	1	23.52	23.46	23.44
				64QAM		1	1	22.58	22.59	22.59
				256QAM		1	1	21.10	21.12	21.38
				QPSK	Inner_1RB Right	1	215	23.77	23.80	23.88
				QPSK	Inner_Full	109	54	23.80	24.12	24.09
				QPSK	Outer_Full	217	0	22.75	22.58	22.56
				QPSK	Edge_1RB Left	1	0	22.09	22.08	22.00
				QPSK	Edge_Full Left	2	0	22.11	22.00	21.94
				QPSK	Edge_1RB Right	1	216	22.01	21.91	21.91
				QPSK	Edge_Full Right	2	215	21.97	21.96	21.85

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 633000 (3495 MHz)	Mid Channel 633334 (3500.01 MHz)	High Channel 633666 (3504.99 MHz)
n77	30	90	CP-OFDM	QPSK	Inner_1RB Left	1	1	23.51	24.00	24.30
				16QAM		1	1	23.41	23.43	23.50
				64QAM		1	1	22.55	22.54	22.51
				256QAM		1	1	21.07	21.20	21.24
				QPSK	Inner_1RB Right	1	243	23.44	23.95	23.90
				QPSK	Inner_Full	123	61	23.49	24.00	24.10
				QPSK	Outer_Full	245	0	22.48	22.48	22.56
				QPSK	Edge_1RB Left	1	0	21.95	22.03	22.01
				QPSK	Edge_Full Left	2	0	21.95	21.98	22.00
				QPSK	Edge_1RB Right	1	244	21.96	21.97	21.98
				QPSK	Edge_Full Right	2	243	21.91	21.91	21.91

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Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	[redacted]	Mid Channel 633334 (3500.01 MHz)	[redacted]
n77	30	100	CP-OFDM	QPSK	Inner_1RB Left	1	1	[redacted]	24.82	[redacted]
				16QAM		1	1	[redacted]	23.45	[redacted]
				64QAM		1	1	[redacted]	22.56	[redacted]
				256QAM		1	1	[redacted]	21.15	[redacted]
				QPSK	Inner_1RB Right	1	271	[redacted]	23.50	[redacted]
				QPSK	Inner_Full	137	68	[redacted]	24.80	[redacted]
				QPSK	Outer_Full	273	0	[redacted]	22.53	[redacted]
				QPSK	Edge_1RB Left	1	0	[redacted]	21.99	[redacted]
				QPSK	Edge_Full Left	2	0	[redacted]	21.98	[redacted]
				QPSK	Edge_1RB Right	1	272	[redacted]	22.00	[redacted]
				QPSK	Edge_Full Right	2	271	[redacted]	21.97	[redacted]

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