

Appendix E RF Conducted Powers

Appendix E.1 5G NR Conducted Powers

n48_Ant1+2

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 637334 (3560.01 MHz)	Low-Mid Channel 640222 (3603.33 MHz)	N/A	Mid-High Channel 643112 (3646.68 MHz)	High Channel 646000 (3690 MHz)
n48	30	20	CP-OFDM	QPSK	Inner_1RB Left	1	1	20.87	20.90		20.47	20.82
				16QAM		1	1	20.25	20.48		19.83	20.15
				64QAM		1	1	18.91	18.99		18.53	18.85
				256QAM		1	1	15.79	16.09		15.37	15.73
				QPSK	Inner_1RB Right	1	49	20.74	20.92		20.36	20.74
				QPSK	Inner_Full	25	12	20.69	20.91		20.36	20.82
				QPSK	Outer_Full	51	0	19.34	19.65		18.96	19.40
				QPSK	Edge_1RB Left	1	0	19.31	19.59		18.97	19.27
				QPSK	Edge_Full Left	2	0	19.40	19.69		19.04	19.39
				QPSK	Edge_1RB Right	1	50	19.18	19.38		18.84	19.25
				QPSK	Edge_Full Right	2	49	19.26	19.45		18.91	19.32

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 637668 (3565.02 MHz)	Low-Mid Channel 640334 (3605.01 MHz)	N/A	Mid-High Channel 643000 (3645 MHz)	High Channel 645666 (3684.99 MHz)
n48	30	30	CP-OFDM	QPSK	Inner_1RB Left	1	1	20.92	20.96		20.74	20.82
				16QAM		1	1	20.31	20.53		20.17	20.26
				64QAM		1	1	18.80	19.00		18.58	18.68
				256QAM		1	1	15.88	16.07		15.64	15.81
				QPSK	Inner_1RB Right	1	76	20.75	20.82		20.38	20.71
				QPSK	Inner_Full	39	19	20.77	20.84		20.46	20.89
				QPSK	Outer_Full	78	0	19.25	19.50		18.99	19.35
				QPSK	Edge_1RB Left	1	0	19.44	19.67		19.26	19.36
				QPSK	Edge_Full Left	2	0	19.52	19.76		19.39	19.47
				QPSK	Edge_1RB Right	1	77	19.27	19.30		18.92	19.25
				QPSK	Edge_Full Right	2	76	19.40	19.42		19.02	19.41

Band	SCS (KHz)	Bandwidth (MHz)	Modulation	RB allocation	RB Size	RB Offset	Low Channel 638000 (3570 MHz)	#N/A	Mid Channel 641666 (3624.99 MHz)	#N/A	High Channel 645332 (3679.98 MHz)
n48	30	40	CP-OFDM	QPSK	1	1	20.85		21.00		20.65
				16QAM	1	1	20.30		20.57		19.92
				64QAM	1	1	18.94		19.23		18.59
				256QAM	1	1	15.79		16.12		15.50
				QPSK	Inner 1RB Right	1	104	20.92		20.38	20.59
				QPSK	Inner Full	53	26	20.85		20.93	20.76
				QPSK	Outer Full	106	0	19.42		19.45	19.28
				QPSK	Edge 1RB Left	1	0	19.41		19.71	19.03
				QPSK	Edge Full Left	2	0	19.50		19.78	19.19
				QPSK	Edge 1RB Right	1	105	19.33		18.85	19.02
				QPSK	Edge Full Right	2	104	19.47		18.96	19.15

n77_Ant1+2

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	22.83	22.81	22.65
				16QAM		1	1	22.24	22.19	22.09
				64QAM		1	1	20.68	20.86	20.52
				256QAM		1	1	17.76	17.68	17.69
				QPSK	Inner_1RB Right	1	49	22.89	22.66	22.56
				QPSK	Inner_Full	25	12	22.88	22.69	22.61
				QPSK	Outer_Full	51	0	21.53	21.30	21.18
				QPSK	Edge_1RB Left	1	0	21.33	21.30	21.18
				QPSK	Edge_Full Left	2	0	21.44	21.33	21.24
				QPSK	Edge_1RB Right	1	50	21.47	21.14	21.04
				QPSK	Edge_Full Right	2	49	21.53	21.14	21.11

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	22.97	23.00	22.98
				16QAM		1	1	22.34	22.37	22.28
				64QAM		1	1	21.06	21.05	20.80
				256QAM		1	1	17.96	17.93	17.87
				QPSK	Inner_1RB Right	1	76	22.79	22.74	22.52
				QPSK	Inner_Full	39	19	22.93	22.81	22.67
				QPSK	Outer_Full	78	0	21.47	21.29	21.19
				QPSK	Edge_1RB Left	1	0	21.51	21.50	21.45
				QPSK	Edge_Full Left	2	0	21.62	21.54	21.53
				QPSK	Edge_1RB Right	1	77	21.35	21.28	21.10
				QPSK	Edge_Full Right	2	76	21.45	21.37	21.18

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	22.48	22.67	22.76
				16QAM		1	1	21.88	22.09	22.18
				64QAM		1	1	20.55	20.55	20.82
				256QAM		1	1	17.50	17.63	17.79
				QPSK	Inner_1RB Right	1	104	22.28	22.46	22.36
				QPSK	Inner_Full	53	26	22.59	22.54	22.62
				QPSK	Outer_Full	106	0	21.13	21.15	21.19
				QPSK	Edge_1RB Left	1	0	21.06	21.20	21.29
				QPSK	Edge_Full Left	2	0	21.15	21.26	21.38
				QPSK	Edge_1RB Right	1	105	20.76	20.96	20.81
				QPSK	Edge_Full Right	2	104	20.84	21.06	20.94

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	22.75	23.01	22.96
				16QAM		1	1	22.18	22.49	22.42
				64QAM		1	1	20.86	21.01	21.00
				256QAM		1	1	17.80	18.07	17.96
				QPSK	Inner_1RB Right	1	131	22.44	22.93	22.40
				QPSK	Inner_Full	67	33	22.93	23.00	22.87
				QPSK	Outer_Full	133	0	21.34	21.49	21.28
				QPSK	Edge_1RB Left	1	0	21.35	21.61	21.49
				QPSK	Edge_Full Left	2	0	21.64	21.74	21.55
				QPSK	Edge_1RB Right	1	132	20.94	21.22	20.92
				QPSK	Edge_Full Right	2	131	21.07	21.40	21.07

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	1	1	22.63	22.91	23.05
				16QAM	1	1	22.17	22.45	22.70
				64QAM	1	1	20.51	20.79	21.03
				256QAM	1	1	17.62	17.80	18.16
				QPSK	1	160	22.16	22.63	23.10
				Inner_IRB Left	81	40	22.62	22.68	23.02
				Inner_IRB Right	162	0	21.13	21.23	21.70
				Outer_Full	1	0	21.20	21.43	21.71
				Edge_IRB Left	2	0	21.36	21.51	21.93
				Edge_Full Left	1	161	20.65	21.05	21.42
				Edge_IRB Right	2	160	20.78	21.16	21.61
				Edge_Full Right					

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	1	1	22.61	22.96	23.05
				16QAM	1	1	22.08	22.38	22.59
				64QAM	1	1	20.68	20.99	21.19
				256QAM	1	1	17.62	17.85	18.09
				QPSK	1	187	22.15	22.56	22.90
				Inner_IRB Left	95	47	22.75	22.78	23.08
				Inner_Full	189	0	21.18	21.28	21.73
				Outer_Full	1	0	21.13	21.46	21.62
				Edge_IRB Left	2	0	21.32	21.54	21.78
				Edge_Full Left	1	188	20.73	21.09	21.47
				Edge_IRB Right	2	187	20.79	21.13	21.60
				Edge_Full Right					

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	1	1	22.67	22.96	23.01
				16QAM	1	1	22.15	22.39	22.46
				64QAM	1	1	20.55	20.79	20.90
				256QAM	1	1	17.74	17.88	17.97
				QPSK	1	215	22.29	22.55	22.87
				Inner_IRB Left	109	54	22.71	22.78	23.07
				Inner_Full	217	0	21.23	21.25	21.76
				Outer_Full	1	0	21.29	21.49	21.60
				Edge_IRB Left	2	0	21.39	21.57	21.67
				Edge_Full Left	1	216	20.82	21.10	21.44
				Edge_IRB Right	2	215	20.89	21.18	21.51
				Edge_Full Right					

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	1	1	22.65	22.91	23.11
				16QAM	1	1	22.26	22.40	22.64
				64QAM	1	1	20.89	21.07	21.30
				256QAM	1	1	17.72	17.84	18.13
				QPSK	1	243	22.32	22.49	22.71
				Inner_IRB Left	123	61	22.58	22.79	23.07
				Inner_Full	245	0	21.15	21.22	21.67
				Outer_Full	1	0	21.23	21.43	21.61
				Edge_IRB Left	2	0	21.38	21.49	21.73
				Edge_Full Left	1	244	20.91	21.06	21.31
				Edge_IRB Right	2	243	21.01	21.16	21.42
				Edge_Full Right					

Band	SCS (KHz)	Bandwidth (MHz)	Modulation	RB allocation	RB Size	RB Offset	Low Channel 650000 (3750 MHz)	Mid Channel 656000 (3840 MHz)	High Channel 662000 (3930 MHz)
n77	30	100	CP-OFDM	QPSK	1	1	22.98	23.13	23.12
				16QAM	1	1	22.38	22.41	22.45
				64QAM	1	1	20.86	20.89	21.05
				256QAM	1	1	17.70	17.77	17.90
				QPSK	1	271	22.64	22.62	22.80
				QPSK	137	68	22.95	23.09	23.01
				QPSK	273	0	21.52	21.52	21.68
				QPSK	1	0	21.41	21.43	21.51
				QPSK	2	0	21.56	21.49	21.57
				QPSK	1	272	21.26	21.28	21.36
				QPSK	2	271	21.31	21.37	21.42

n77_Diversity_Ant1+2

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_IRB Left	1	1	24.25	24.43
						1	1	24.25	24.41
						1	1	23.30	23.32
						1	1	21.79	21.83
						1	1	19.66	19.83
				Pi/2 BPSK	Inner_IRB Right	1	49	23.84	24.50
						1	49	23.82	24.51
				Pi/2 BPSK	Inner_Full	25	12	24.15	24.51
						25	12	24.15	24.49
				Pi/2 BPSK	Outer_Full	50	0	23.12	23.51
						50	0	23.15	23.49
				Pi/2 BPSK	Edge_IRB Left	1	0	23.17	23.30
						1	0	23.18	23.32
				Pi/2 BPSK	Edge_Full Left	2	0	23.24	23.39
						2	0	23.24	23.39
				Pi/2 BPSK	Edge_IRB Right	1	50	22.75	23.38
						1	50	22.73	23.40
				Pi/2 BPSK	Edge_Full Right	2	49	22.84	23.47
						2	49	22.83	23.46
			CP-OFDM	QPSK	Inner_IRB Left	1	1	22.82	22.88

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_IRB Left	1	1	24.35	24.56
						1	1	24.38	24.55
						1	1	23.44	23.47
						1	1	21.94	21.99
						1	1	19.82	19.97
				Pi/2 BPSK	Inner_IRB Right	1	76	23.77	24.57
						1	76	23.80	24.58
				Pi/2 BPSK	Inner_Full	36	18	24.22	24.64
						36	18	24.24	24.65
				Pi/2 BPSK	Outer_Full	75	0	23.15	23.57
						75	0	23.14	23.57
				Pi/2 BPSK	Edge_IRB Left	1	0	23.34	23.44
						1	0	23.32	23.49
				Pi/2 BPSK	Edge_Full Left	2	0	23.40	23.52
						2	0	23.39	23.56
				Pi/2 BPSK	Edge_IRB Right	1	77	22.72	23.51
						1	77	22.70	23.51
				Pi/2 BPSK	Edge_Full Right	2	76	22.79	23.58
						2	76	22.80	23.59
			CP-OFDM	QPSK	Inner_IRB Left	1	1	22.90	23.09

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_IRB Left	1	1	24.41	24.53
						1	1	24.38	24.50
						1	1	23.29	23.45
						1	1	21.79	22.00
						1	1	19.77	19.90
				Pi/2 BPSK	Inner_IRB Right	1	104	23.66	24.43
						1	104	23.70	24.48
				Pi/2 BPSK	Inner_Full	50	25	24.16	24.61
						50	25	24.15	24.62
				Pi/2 BPSK	Outer_Full	100	0	23.10	23.59
						100	0	23.12	23.58
				Pi/2 BPSK	Edge_IRB Left	1	0	23.30	23.42
						1	0	23.29	23.40
				Pi/2 BPSK	Edge_Full Left	2	0	23.38	23.49
						2	0	23.36	23.47
				Pi/2 BPSK	Edge_IRB Right	1	105	22.60	23.32
						1	105	22.59	23.34
				Pi/2 BPSK	Edge_Full Right	2	104	22.68	23.41
						2	104	22.65	23.42
			CP-OFDM	QPSK	Inner_IRB Left	1	1	22.84	22.98

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_IRB Left	1	1	24.48	24.61	24.56
				QPSK		1	1	24.51	24.60	24.59
				16QAM		1	1	23.42	23.55	23.51
				64QAM		1	1	21.94	22.01	22.02
				256QAM		1	1	19.78	20.07	20.01
				Pi/2 BPSK	Inner_IRB Right	1	131	23.79	24.52	24.06
				QPSK		1	131	23.79	24.50	24.08
				Pi/2 BPSK	Inner_Full	64	32	24.18	24.81	24.49
				QPSK		64	32	24.16	24.80	24.51
				Pi/2 BPSK	Outer_Full	128	0	23.13	23.73	23.45
				QPSK		128	0	23.13	23.70	23.44
			CP-OFDM	Pi/2 BPSK	Edge_IRB Left	1	0	23.41	23.53	23.50
				QPSK		1	0	23.42	23.49	23.51
				Pi/2 BPSK	Edge_Full Left	2	0	23.50	23.62	23.56
				QPSK		2	0	23.47	23.58	23.56
				Pi/2 BPSK	Edge_IRB Right	1	132	22.70	23.46	22.95
				QPSK		1	132	22.70	23.43	22.97
				Pi/2 BPSK	Edge_Full Right	2	131	22.77	23.51	23.04
				QPSK		2	131	22.77	23.51	23.07
				QPSK	Inner_IRB Left	1	1	22.94	23.11	23.05

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_IRB Left	1	1	24.36	24.43	24.46
				QPSK		1	1	24.35	24.44	24.45
				16QAM		1	1	23.19	23.45	23.40
				64QAM		1	1	21.77	21.92	21.93
				256QAM		1	1	19.75	19.80	19.82
				Pi/2 BPSK	Inner_IRB Right	1	160	23.65	24.29	24.05
				QPSK		1	160	23.66	24.24	24.05
				Pi/2 BPSK	Inner_Full	81	40	23.80	24.37	24.28
				QPSK		81	40	23.80	24.39	24.27
				Pi/2 BPSK	Outer_Full	162	0	22.90	23.47	23.33
				QPSK		162	0	22.90	23.45	23.34
			CP-OFDM	Pi/2 BPSK	Edge_IRB Left	1	0	23.24	23.33	23.38
				QPSK		1	0	23.24	23.36	23.40
				Pi/2 BPSK	Edge_Full Left	2	0	23.30	23.41	23.47
				QPSK		2	0	23.30	23.41	23.47
				Pi/2 BPSK	Edge_IRB Right	1	161	22.53	23.21	22.94
				QPSK		1	161	22.55	23.17	22.90
				Pi/2 BPSK	Edge_Full Right	2	160	22.62	23.25	22.97
				QPSK		2	160	22.63	23.24	22.96
				QPSK	Inner_IRB Left	1	1	22.90	23.03	23.03

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_IRB Left	1	1	24.28	24.49	24.55
				QPSK		1	1	24.29	24.47	24.53
				16QAM		1	1	23.15	23.38	23.56
				64QAM		1	1	21.69	21.84	22.03
				256QAM		1	1	19.66	19.83	19.97
				Pi/2 BPSK	Inner_IRB Right	1	187	23.83	24.20	24.08
				QPSK		1	187	23.82	24.22	24.08
				Pi/2 BPSK	Inner_Full	90	45	23.91	24.54	24.39
				QPSK		90	45	23.94	24.52	24.40
				Pi/2 BPSK	Outer_Full	180	0	22.99	23.53	23.39
				QPSK		180	0	22.99	23.52	23.38
			CP-OFDM	Pi/2 BPSK	Edge_IRB Left	1	0	23.13	23.41	23.43
				QPSK		1	0	23.16	23.40	23.46
				Pi/2 BPSK	Edge_Full Left	2	0	23.21	23.49	23.51
				QPSK		2	0	23.26	23.46	23.52
				Pi/2 BPSK	Edge_IRB Right	1	188	22.63	23.06	22.96
				QPSK		1	188	22.68	23.05	22.96
				Pi/2 BPSK	Edge_Full Right	2	187	22.74	23.14	23.04
				QPSK		2	187	22.76	23.13	23.04
				QPSK	Inner_IRB Left	1	1	22.74	22.95	23.20

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_IRB Left	1	1	24.36	24.58
						1	1	24.37	24.53
						1	1	23.30	23.48
						1	1	21.72	21.94
						1	1	19.67	20.02
				Pi/2 BPSK	Inner_IRB Right	1	215	23.82	24.13
						1	215	23.85	24.18
						108	54	23.97	24.55
						108	54	23.96	24.54
						216	0	22.97	23.47
				Pi/2 BPSK	Outer_Full	216	0	23.00	23.48
						1	0	23.22	23.43
						1	0	23.23	23.46
						2	0	23.29	23.54
						2	0	23.31	23.53
				Pi/2 BPSK	Edge_IRB Left	1	216	22.72	23.07
						1	216	22.70	23.05
						2	215	22.82	23.09
						2	215	22.82	23.10
						1	1	22.81	23.01
			CP-OFDM	QPSK	Inner_IRB Left	1	1	22.81	23.01
						1	1	22.81	23.01

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_IRB Left	1	1	24.35	24.56
						1	1	24.32	24.54
						1	1	23.20	23.52
						1	1	21.78	21.93
						1	1	19.68	20.17
				Pi/2 BPSK	Inner_IRB Right	1	243	23.80	24.13
						1	243	23.84	24.09
						120	60	23.90	24.54
						120	60	23.89	24.54
				Pi/2 BPSK	Outer_Full	243	0	22.94	23.48
						243	0	22.94	23.48
						1	0	23.29	23.53
						1	0	23.30	23.55
						2	0	23.40	23.62
				Pi/2 BPSK	Edge_IRB Left	2	0	23.41	23.62
						1	244	22.81	23.11
						1	244	22.80	23.12
						2	243	22.89	23.19
						2	243	22.89	23.17
			CP-OFDM	QPSK	Inner_IRB Left	1	1	22.82	23.17
						1	1	22.82	23.17

Band	SCS (KHz)	Bandwidth (MHz)	Modulation	RB allocation	RB Size	RB Offset	Low Channel 650000 (3750 MHz)	Mid Channel 656000 (3840 MHz)	High Channel 662000 (3930 MHz)
n77	30	100	DFT-s-OFDM	Pi/2 BPSK	Inner_IRB Left	1	1	24.62	24.73
						1	1	24.65	24.79
						1	1	23.31	23.48
						1	1	21.88	21.96
						1	1	19.70	20.01
				Pi/2 BPSK	Inner_IRB Right	1	271	24.15	24.16
						1	271	23.75	24.15
						135	67	24.37	24.43
						135	67	24.38	24.66
				Pi/2 BPSK	Outer_Full	270	0	23.57	23.50
						270	0	22.97	23.50
						1	0	23.47	23.46
						1	0	23.21	23.45
						2	0	23.58	23.55
				Pi/2 BPSK	Edge_IRB Left	2	0	23.54	23.55
						1	272	22.94	22.99
						1	272	23.02	23.00
						2	271	23.06	23.07
						2	271	23.15	23.11
			CP-OFDM	QPSK	Inner_IRB Left	1	1	22.81	23.02
						1	1	22.81	23.02

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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	1	1	22.37	22.33	22.79
				16QAM	1	1	21.77	21.70	22.11
				64QAM	1	1	20.25	20.18	20.64
				256QAM	1	1	17.31	17.13	17.68
				QPSK	Inner_1RB Right	1	49	22.14	22.37
				QPSK	Inner_Full	25	12	22.25	22.29
				QPSK	Outer_Full	51	0	20.85	20.93
				QPSK	Edge_1RB Left	1	0	20.89	20.85
				QPSK	Edge_Full Left	2	0	20.94	20.89
				QPSK	Edge_1RB Right	1	50	20.59	20.85
				QPSK	Edge_Full Right	2	49	20.66	20.89
				QPSK	Edge_Full Right	2	49	20.66	20.89

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	1	1	22.57	22.54	23.01
				16QAM	1	1	21.73	21.90	22.37
				64QAM	1	1	20.26	20.60	20.87
				256QAM	1	1	17.38	17.42	17.92
				QPSK	Inner_1RB Right	1	76	21.94	22.61
				QPSK	Inner_Full	39	19	22.16	22.47
				QPSK	Outer_Full	78	0	20.64	20.99
				QPSK	Edge_1RB Left	1	0	21.10	21.03
				QPSK	Edge_Full Left	2	0	20.98	21.14
				QPSK	Edge_1RB Right	1	77	20.31	21.12
				QPSK	Edge_Full Right	2	76	20.41	21.19
				QPSK	Edge_Full Right	2	76	20.41	21.19

Band	SCS (KHz)	Bandwidth (MHz)	Modulation	RB allocation	RB Size	RB Offset	Low Channel 634334 (3470.01 MHz)	Mid Channel 633334 (3500.01 MHz)	High Channel 635332 (3529.98 MHz)
n77	30	40	CP-OFDM	QPSK	1	1	22.43	22.50	22.65
				16QAM	1	1	21.68	21.87	22.08
				64QAM	1	1	20.37	20.56	20.71
				256QAM	1	1	17.35	17.49	17.61
				QPSK	Inner_1RB Right	1	104	22.44	22.60
				QPSK	Inner_Full	53	26	22.31	22.46
				QPSK	Outer_Full	106	0	21.01	21.10
				QPSK	Edge_1RB Left	1	0	20.81	21.01
				QPSK	Edge_Full Left	2	0	20.91	21.09
				QPSK	Edge_1RB Right	1	105	21.05	21.06
				QPSK	Edge_Full Right	2	104	21.10	21.20
				QPSK	Edge_Full Right	2	104	21.10	21.20

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	1	1	22.46	22.80	22.64
				16QAM	1	1	21.92	22.20	22.02
				64QAM	1	1	20.33	20.62	20.68
				256QAM	1	1	17.35	17.62	17.56
				QPSK	Inner_1RB Right	1	131	21.72	22.78
				QPSK	Inner_Full	67	33	22.10	22.67
				QPSK	Outer_Full	133	0	20.54	21.17
				QPSK	Edge_1RB Left	1	0	21.00	21.24
				QPSK	Edge_Full Left	2	0	21.05	21.32
				QPSK	Edge_1RB Right	1	132	20.16	21.27
				QPSK	Edge_Full Right	2	131	20.31	21.38
				QPSK	Edge_Full Right	2	131	20.31	21.38

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	1	1	22.26	22.61	22.45
				16QAM	1	1	21.83	22.07	21.96
				64QAM	1	1	20.09	20.67	20.29
				256QAM	1	1	17.18	17.45	17.33
				QPSK	Inner_IRB Right	1	160	21.77	22.71
				QPSK	Inner_Full	81	40	21.78	22.34
				QPSK	Outer_Full	162	0	20.37	20.95
				QPSK	Edge_IRB Left	1	0	20.84	21.12
				QPSK	Edge_Full Left	2	0	20.90	21.19
				QPSK	Edge_IRB Right	1	161	20.18	21.12
				QPSK	Edge_Full Right	2	160	20.24	21.19
				QPSK	Edge_Full Right	2	160	20.24	21.19

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	1	1	22.28	22.70	22.56
				16QAM	1	1	21.69	22.12	21.96
				64QAM	1	1	20.32	20.77	20.45
				256QAM	1	1	17.22	17.66	17.45
				QPSK	Inner_IRB Right	1	187	21.87	22.66
				QPSK	Inner_Full	95	47	21.98	22.61
				QPSK	Outer_Full	189	0	20.44	21.13
				QPSK	Edge_IRB Left	1	0	20.76	21.21
				QPSK	Edge_Full Left	2	0	20.89	21.30
				QPSK	Edge_IRB Right	1	188	20.39	21.13
				QPSK	Edge_Full Right	2	187	20.42	21.22
				QPSK	Edge_Full Right	2	187	20.42	21.22

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	1	1	22.34	22.86	22.68
				16QAM	1	1	21.76	22.27	22.08
				64QAM	1	1	20.15	20.67	20.54
				256QAM	1	1	17.21	17.75	17.57
				QPSK	Inner_IRB Right	1	215	21.96	22.62
				QPSK	Inner_Full	109	54	21.97	22.56
				QPSK	Outer_Full	217	0	20.54	21.15
				QPSK	Edge_IRB Left	1	0	20.87	21.31
				QPSK	Edge_Full Left	2	0	20.92	21.41
				QPSK	Edge_IRB Right	1	216	20.52	21.10
				QPSK	Edge_Full Right	2	215	20.58	21.19
				QPSK	Edge_Full Right	2	215	20.58	21.19

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	1	1	22.34	22.87	22.88
				16QAM	1	1	21.87	22.43	22.39
				64QAM	1	1	20.27	21.06	21.03
				256QAM	1	1	17.28	17.84	17.74
				QPSK	Inner_IRB Right	1	243	21.93	22.48
				QPSK	Inner_Full	123	61	21.93	22.64
				QPSK	Outer_Full	245	0	20.52	21.16
				QPSK	Edge_IRB Left	1	0	20.85	21.39
				QPSK	Edge_Full Left	2	0	20.97	21.50
				QPSK	Edge_IRB Right	1	244	20.50	20.98
				QPSK	Edge_Full Right	2	243	20.57	21.10
				QPSK	Edge_Full Right	2	243	20.57	21.10

Band	SCS (KHz)	Bandwidth (MHz)	Modulation	RB allocation	RB Size	RB Offset	#N/A	Mid Channel 633334 (3500.01 MHz)	#N/A
n77	30	100	CP-OFDM	QPSK	1	1		23.08	
				16QAM	1	1		22.83	
				64QAM	1	1		21.24	
				256QAM	1	1		17.32	
				QPSK	1	271		22.93	
				QPSK	137	68		23.01	
				QPSK	273	0		21.07	
				QPSK	1	0		21.25	
				QPSK	2	0		21.19	
				QPSK	1	272		21.03	
				QPSK	2	271		21.21	

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Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 647334 (34460.02630668 MHz)	Mid Channel 633334 (3500.01 MHz)	High Channel 636000 (3540 MHz)
n77	30	20	DFT-s-OFDM	Pi/2 BPSK	Inner_IRB Left	1	1	24.55	24.35	24.45
				QPSK		1	1	24.55	24.35	24.39
				16QAM		1	1	23.60	23.28	23.38
				64QAM		1	1	22.09	21.72	21.78
				256QAM		1	1	19.96	19.76	19.84
				Pi/2 BPSK	Inner_IRB Right	1	49	24.14	24.39	23.98
				QPSK		1	49	24.12	24.36	23.95
				Pi/2 BPSK	Inner_Full	25	12	24.45	24.44	24.25
				QPSK		25	12	24.45	24.42	24.25
				Pi/2 BPSK	Outer_Full	50	0	23.42	23.42	23.24
				QPSK		50	0	23.45	23.44	23.28
				Pi/2 BPSK	Edge_IRB Left	1	0	23.47	23.23	23.33
				QPSK		1	0	23.48	23.28	23.35
				Pi/2 BPSK	Edge_Full Left	2	0	23.54	23.37	23.40
				QPSK		2	0	23.54	23.36	23.41
				Pi/2 BPSK	Edge_IRB Right	1	50	23.05	23.26	22.85
				QPSK		1	50	23.03	23.29	22.83
				Pi/2 BPSK	Edge_Full Right	2	49	23.14	23.35	22.95
				QPSK		2	49	23.13	23.34	22.90
							CP-OFDM	QPSK	Inner_IRB Left	1

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_IRB Left	1	1	24.44	24.53	24.86
				QPSK		1	1	24.44	24.51	24.84
				16QAM		1	1	23.48	23.56	23.79
				64QAM		1	1	22.06	22.05	22.27
				256QAM		1	1	19.86	19.93	20.22
				Pi/2 BPSK	Inner_IRB Right	1	76	24.20	24.54	24.20
				QPSK		1	76	24.20	24.53	24.22
				Pi/2 BPSK	Inner_Full	36	18	24.47	24.62	24.67
				QPSK		36	18	24.48	24.63	24.67
				Pi/2 BPSK	Outer_Full	75	0	23.44	23.61	23.61
				QPSK		75	0	23.44	23.60	23.61
				Pi/2 BPSK	Edge_IRB Left	1	0	23.40	23.47	23.76
				QPSK		1	0	23.42	23.50	23.78
				Pi/2 BPSK	Edge_Full Left	2	0	23.47	23.55	23.86
				QPSK		2	0	23.49	23.57	23.83
				Pi/2 BPSK	Edge_IRB Right	1	77	23.13	23.49	23.08
				QPSK		1	77	23.18	23.50	23.10
				Pi/2 BPSK	Edge_Full Right	2	76	23.19	23.53	23.18
				QPSK		2	76	23.24	23.58	23.19
						CP-OFDM	QPSK	Inner_IRB Left	1	1

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 634334 (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_IRB Left	1	1	24.34	24.35	24.58
				QPSK		1	1	24.28	24.35	24.63
				16QAM		1	1	23.22	23.29	23.50
				64QAM		1	1	21.75	21.76	22.03
				256QAM		1	1	19.74	19.77	19.97
				Pi/2 BPSK	Inner_IRB Right	1	104	24.27	24.44	23.99
				QPSK		1	104	24.37	24.43	24.04
				Pi/2 BPSK	Inner_Full	50	25	24.51	24.60	24.65
				QPSK		50	25	24.43	24.61	24.68
				Pi/2 BPSK	Outer_Full	100	0	23.48	23.58	23.62
				QPSK		100	0	23.52	23.58	23.61
				Pi/2 BPSK	Edge_IRB Left	1	0	23.20	23.27	23.51
				QPSK		1	0	23.17	23.29	23.50
				Pi/2 BPSK	Edge_Full Left	2	0	23.22	23.36	23.60
				QPSK		2	0	23.35	23.36	23.58
				Pi/2 BPSK	Edge_IRB Right	1	105	23.08	23.28	22.89
				QPSK		1	105	23.24	23.32	22.90
				Pi/2 BPSK	Edge_Full Right	2	104	23.25	23.38	22.97
				QPSK		2	104	23.35	23.39	22.95
						CP-OFDM	QPSK	Inner_IRB Left	1	1

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_IRB Left	1	1	24.63	24.51	24.65
				QPSK		1	1	24.61	24.49	24.70
				16QAM		1	1	23.65	23.55	23.57
				64QAM		1	1	22.19	22.09	22.17
				256QAM		1	1	20.09	19.92	20.06
				Pi/2 BPSK	Inner_IRB Right	1	131	24.33	24.48	24.05
				QPSK		1	131	24.33	24.45	24.07
				Pi/2 BPSK	Inner_Full	64	32	24.55	24.77	24.81
				QPSK		64	32	24.55	24.77	24.82
				Pi/2 BPSK	Outer_Full	128	0	23.52	23.69	23.67
				QPSK		128	0	23.52	23.70	23.69
			CP-OFDM	Pi/2 BPSK	Edge_IRB Left	1	0	23.57	23.45	23.57
				QPSK		1	0	23.57	23.44	23.61
				Pi/2 BPSK	Edge_Full Left	2	0	23.64	23.50	23.66
				QPSK		2	0	23.63	23.52	23.68
				Pi/2 BPSK	Edge_IRB Right	1	132	23.29	23.53	22.94
				QPSK		1	132	23.26	23.51	22.95
				Pi/2 BPSK	Edge_Full Right	2	131	23.35	23.45	23.02
				QPSK		2	131	23.34	23.47	23.03
				QPSK	Inner_IRB Left	1	1	23.15	23.03	23.18

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_IRB Left	1	1	24.55	24.34	24.45
				QPSK		1	1	24.53	24.36	24.45
				16QAM		1	1	23.35	23.24	23.40
				64QAM		1	1	21.95	21.74	21.93
				256QAM		1	1	19.78	19.67	19.83
				Pi/2 BPSK	Inner_IRB Right	1	160	24.26	24.31	23.85
				QPSK		1	160	24.28	24.30	23.87
				Pi/2 BPSK	Inner_Full	81	40	24.23	24.44	24.43
				QPSK		81	40	24.22	24.41	24.43
				Pi/2 BPSK	Outer_Full	162	0	23.33	23.47	23.39
				QPSK		162	0	23.33	23.46	23.38
			CP-OFDM	Pi/2 BPSK	Edge_IRB Left	1	0	23.42	23.27	23.35
				QPSK		1	0	23.44	23.26	23.34
				Pi/2 BPSK	Edge_Full Left	2	0	23.52	23.35	23.38
				QPSK		2	0	23.51	23.33	23.40
				Pi/2 BPSK	Edge_IRB Right	1	161	23.15	23.19	22.73
				QPSK		1	161	23.15	23.19	22.77
				Pi/2 BPSK	Edge_Full Right	2	160	23.21	23.26	22.78
				QPSK		2	160	23.21	23.23	22.83
				QPSK	Inner_IRB Left	1	1	22.97	22.82	22.99

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_IRB Left	1	1	24.50	24.45	24.46
				QPSK		1	1	24.52	24.49	24.43
				16QAM		1	1	23.36	23.36	23.35
				64QAM		1	1	21.91	21.86	21.84
				256QAM		1	1	19.83	19.77	19.77
				Pi/2 BPSK	Inner_IRB Right	1	187	24.31	24.16	23.93
				QPSK		1	187	24.28	24.18	23.96
				Pi/2 BPSK	Inner_Full	90	45	24.41	24.55	24.73
				QPSK		90	45	24.44	24.57	24.75
				Pi/2 BPSK	Outer_Full	180	0	23.44	23.49	23.59
				QPSK		180	0	23.44	23.50	23.60
			CP-OFDM	Pi/2 BPSK	Edge_IRB Left	1	0	23.39	23.32	23.34
				QPSK		1	0	23.41	23.37	23.32
				Pi/2 BPSK	Edge_Full Left	2	0	23.47	23.43	23.43
				QPSK		2	0	23.45	23.39	23.37
				Pi/2 BPSK	Edge_IRB Right	1	188	23.17	23.07	22.80
				QPSK		1	188	23.18	23.02	22.78
				Pi/2 BPSK	Edge_Full Right	2	187	23.26	23.09	22.84
				QPSK		2	187	23.28	23.10	22.87
				QPSK	Inner_IRB Left	1	1	22.96	23.02	22.98

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_IRB Left	1	1	24.40	24.35
						1	1	24.38	24.38
						1	1	23.30	23.29
						1	1	21.88	21.71
						1	1	19.82	19.70
				Pi/2 BPSK	Inner_IRB Right	1	215	24.10	23.91
						1	215	24.14	23.94
						108	54	24.41	24.46
				Pi/2 BPSK	Inner_Full	108	54	24.43	24.46
						216	0	23.35	23.35
				Pi/2 BPSK	Outer_Full	216	0	23.37	23.36
						1	0	23.29	23.25
				Pi/2 BPSK	Edge_IRB Left	1	0	23.35	23.25
						2	0	23.39	23.34
				Pi/2 BPSK	Edge_Full Left	2	0	23.41	23.31
						1	216	22.98	22.80
				Pi/2 BPSK	Edge_IRB Right	1	216	22.99	22.79
						2	215	23.07	22.87
				Pi/2 BPSK	Edge_Full Right	2	215	23.06	22.87
						1	1	22.88	22.84
			CP-OFDM	QPSK	Inner_IRB Left	1	1	22.88	22.84
									22.93

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_IRB Left	1	1	24.58	24.52
						1	1	24.55	24.56
						1	1	23.46	23.39
						1	1	21.95	21.96
						1	1	19.98	19.89
				Pi/2 BPSK	Inner_IRB Right	1	243	24.05	23.98
						1	243	24.06	24.00
						120	60	24.45	24.50
				Pi/2 BPSK	Inner_Full	120	60	24.45	24.52
						243	0	23.39	23.39
				Pi/2 BPSK	Outer_Full	243	0	23.42	23.42
						1	0	23.53	23.51
				Pi/2 BPSK	Edge_IRB Left	1	0	23.55	23.52
						2	0	23.61	23.58
				Pi/2 BPSK	Edge_Full Left	2	0	23.62	23.60
						1	244	23.04	22.91
				Pi/2 BPSK	Edge_IRB Right	1	244	23.08	22.93
						2	243	23.17	23.02
				Pi/2 BPSK	Edge_Full Right	2	243	23.04	23.05
						1	1	23.05	23.00
			CP-OFDM	QPSK	Inner_IRB Left	1	1	23.05	23.00
									22.99

Band	SCS (KHz)	Bandwidth (MHz)	Modulation	RB allocation	RB Size	RB Offset	N/A	Mid Channel 633334 (3500.01 MHz)	N/A
n77	30	100	DFT-s-OFDM	Pi/2 BPSK	Inner_IRB Left	1	1	24.72	
						1	1	24.88	
						1	1	23.46	
						1	1	21.94	
						1	1	19.91	
				Pi/2 BPSK	Inner_IRB Right	1	271	23.86	
						1	271	23.85	
						135	67	24.71	
				Pi/2 BPSK	Inner_Full	135	67	24.79	
						270	0	23.53	
				Pi/2 BPSK	Outer_Full	270	0	23.53	
						1	0	23.45	
				Pi/2 BPSK	Edge_IRB Left	1	0	23.45	
						2	0	23.51	
				Pi/2 BPSK	Edge_Full Left	2	0	23.51	
						1	272	22.68	
				Pi/2 BPSK	Edge_IRB Right	1	272	22.69	
						2	271	22.76	
				Pi/2 BPSK	Edge_Full Right	2	271	22.77	
						1	1	23.03	
			CP-OFDM	QPSK	Inner_IRB Left	1	1	23.03	

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Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 647334 (3710.01 MHz)	Mid Channel 650000 (3750 MHz)	High Channel 652666 (3789.99 MHz)
n78	30	20	CP-OFDM	QPSK	Inner_IRB Left	1	1	23.00	22.74	22.93
				16QAM		1	1	22.46	22.21	22.39
				64QAM		1	1	21.07	20.83	21.01
				256QAM		1	1	17.99	17.73	17.90
				QPSK	Inner_IRB Right	1	49	22.76	22.69	22.86
				QPSK	Inner_Full	25	12	22.77	22.61	22.78
				QPSK	Outer_Full	51	0	21.34	21.19	21.35
				QPSK	Edge_IRB Left	1	0	21.42	21.16	21.36
				QPSK	Edge_Full Left	2	0	21.34	21.12	21.31
				QPSK	Edge_IRB Right	1	50	21.17	21.13	21.24
				QPSK	Edge_Full Right	2	49	21.08	21.07	21.21

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 647668 (3715.02 MHz)	Mid Channel 650000 (3750 MHz)	High Channel 652332 (3784.98 MHz)
n78	30	30	CP-OFDM	QPSK	Inner_IRB Left	1	1	23.12	22.98	23.11
				16QAM		1	1	22.64	22.45	22.57
				64QAM		1	1	21.20	21.06	21.21
				256QAM		1	1	18.10	17.94	18.12
				QPSK	Inner_IRB Right	1	76	22.73	22.81	23.00
				QPSK	Inner_Full	39	19	22.81	22.72	23.05
				QPSK	Outer_Full	78	0	21.28	21.19	21.48
				QPSK	Edge_IRB Left	1	0	21.56	21.40	21.57
				QPSK	Edge_Full Left	2	0	21.50	21.35	21.50
				QPSK	Edge_IRB Right	1	77	21.21	21.28	21.47
				QPSK	Edge_Full Right	2	76	21.12	21.22	21.40

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 648000 (3720 MHz)	Mid Channel 650000 (3750 MHz)	High Channel 652000 (3780 MHz)
n78	30	40	CP-OFDM	QPSK	Inner_IRB Left	1	1	23.23	22.91	22.92
				16QAM		1	1	22.64	22.39	22.36
				64QAM		1	1	21.31	21.00	21.00
				256QAM		1	1	18.21	17.90	17.90
				QPSK	Inner_IRB Right	1	104	22.68	22.74	22.82
				QPSK	Inner_Full	53	26	22.90	22.72	22.86
				QPSK	Outer_Full	106	0	21.49	21.30	21.45
				QPSK	Edge_IRB Left	1	0	21.67	21.38	21.34
				QPSK	Edge_Full Left	2	0	21.59	21.29	21.27
				QPSK	Edge_IRB Right	1	105	21.11	21.17	21.29
				QPSK	Edge_Full Right	2	104	21.04	21.11	21.25

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 648334 (3725.01 MHz)	Mid Channel 650000 (3750 MHz)	High Channel 651666 (3774.99 MHz)
n78	30	50	CP-OFDM	QPSK	Inner_IRB Left	1	1	23.39	23.25	23.18
				16QAM		1	1	22.80	22.65	22.56
				64QAM		1	1	21.42	21.24	21.20
				256QAM		1	1	18.30	18.13	18.09
				QPSK	Inner_IRB Right	1	131	22.77	22.96	23.04
				QPSK	Inner_Full	67	33	22.95	22.88	23.09
				QPSK	Outer_Full	133	0	21.43	21.40	21.52
				QPSK	Edge_IRB Left	1	0	21.76	21.58	21.53
				QPSK	Edge_Full Left	2	0	21.68	21.53	21.47
				QPSK	Edge_IRB Right	1	132	21.12	21.32	21.39
				QPSK	Edge_Full Right	2	131	21.07	21.31	21.35

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 648668 (3730.02 MHz)	Mid Channel 650000 (3750 MHz)	High Channel 651332 (3769.98 MHz)
n78	30	60	CP-OFDM	QPSK	Inner_1RB Left	1	1	23.21	23.04	22.95
				16QAM		1	1	22.73	22.58	22.35
				64QAM		1	1	21.23	21.06	20.96
				256QAM		1	1	18.12	17.94	17.82
				QPSK	Inner_1RB Right	1	160	22.62	22.73	22.70
				QPSK	Inner_Full	81	40	22.69	22.65	22.72
				QPSK	Outer_Full	162	0	21.25	21.24	21.26
				QPSK	Edge_1RB Left	1	0	21.61	21.47	21.31
				QPSK	Edge_Full Left	2	0	21.50	21.37	21.24
				QPSK	Edge_1RB Right	1	161	20.97	21.13	21.12
				QPSK	Edge_Full Right	2	160	20.91	21.08	21.07

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 649000 (3735 MHz)	Mid Channel 650000 (3750 MHz)	High Channel 651000 (3765 MHz)
n78	30	70	CP-OFDM	QPSK	Inner_1RB Left	1	1	23.21	23.15	22.86
				16QAM		1	1	22.60	22.52	22.46
				64QAM		1	1	21.21	21.16	20.94
				256QAM		1	1	18.11	18.07	17.82
				QPSK	Inner_1RB Right	1	187	22.72	22.75	22.69
				QPSK	Inner_Full	95	47	22.74	22.87	22.83
				QPSK	Outer_Full	189	0	21.27	21.33	21.31
				QPSK	Edge_1RB Left	1	0	21.56	21.55	21.30
				QPSK	Edge_Full Left	2	0	21.49	21.49	21.24
				QPSK	Edge_1RB Right	1	188	21.10	21.18	21.22
				QPSK	Edge_Full Right	2	187	21.05	21.11	21.13

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 649334 (6740.01 MHz)	Mid Channel 650000 (3750 MHz)	High Channel 650666 (3759.99 MHz)
n78	30	80	CP-OFDM	QPSK	Inner_1RB Left	1	1	23.25	23.22	23.12
				16QAM		1	1	22.72	22.66	22.56
				64QAM		1	1	21.31	21.24	21.12
				256QAM		1	1	18.19	18.17	18.03
				QPSK	Inner_1RB Right	1	215	22.66	22.73	22.69
				QPSK	Inner_Full	109	54	22.83	22.87	22.91
				QPSK	Outer_Full	217	0	21.31	21.34	21.33
				QPSK	Edge_1RB Left	1	0	21.67	21.64	21.53
				QPSK	Edge_Full Left	2	0	21.59	21.58	21.45
				QPSK	Edge_1RB Right	1	216	21.06	21.12	21.14
				QPSK	Edge_Full Right	2	215	21.03	21.10	21.07

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 649668 (3745.02 MHz)	Mid Channel 650000 (3750 MHz)	High Channel 650332 (3754.98 MHz)
n78	30	90	CP-OFDM	QPSK	Inner_1RB Left	1	1	23.28	23.36	23.35
				16QAM		1	1	22.88	22.89	22.90
				64QAM		1	1	21.42	21.46	21.45
				256QAM		1	1	18.24	18.26	18.24
				QPSK	Inner_1RB Right	1	243	22.74	22.73	22.70
				QPSK	Inner_Full	123	61	22.79	22.89	22.94
				QPSK	Outer_Full	245	0	21.28	21.36	21.38
				QPSK	Edge_1RB Left	1	0	21.70	21.74	21.71
				QPSK	Edge_Full Left	2	0	21.63	21.68	21.65
				QPSK	Edge_1RB Right	1	244	21.17	21.13	21.06
				QPSK	Edge_Full Right	2	243	21.12	21.10	21.05

Band	SCS (KHz)	Bandwidth (MHz)	Modulation	RB allocation	RB Size	RB Offset	N/A	Mid Channel 650000 (3750 MHz)	N/A
n78	30	100	CP-OFDM	QPSK	1	1		23.42	
				16QAM	1	1		22.80	
				64QAM	1	1		21.38	
				256QAM	1	1		18.30	
				QPSK	Inner 1RB Right	1	271	23.00	
				QPSK	Inner Full	137	68	23.11	
				QPSK	Outer Full	273	0	21.38	
				QPSK	Edge 1RB Left	1	0	21.75	
				QPSK	Edge Full Left	2	0	21.68	
				QPSK	Edge 1RB Right	1	272	21.03	
				QPSK	Edge Full Right	2	271	21.03	

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Band	SCS (KHz)	Bandwidth (MHz)	Modulation	RB allocation	RB Size	RB Offset	Low Channel 630668 (3460.02 MHz)	Mid Channel 633340 (3500.01 MHz)	High Channel 636000 (3540 MHz)
n78	30	20	CP-OFDM	QPSK	1	1	23.06	23.10	22.93
				16QAM	1	1	22.51	22.60	22.41
				64QAM	1	1	21.10	21.15	21.00
				256QAM	1	1	17.98	18.09	17.83
				QPSK	1	49	22.93	23.06	22.64
				QPSK	25	12	22.83	23.01	22.69
				QPSK	51	0	21.44	21.61	21.29
				QPSK	1	0	21.47	21.58	21.36
				QPSK	2	0	21.42	21.52	21.32
				QPSK	1	50	21.37	21.52	21.12
				QPSK	2	49	21.30	21.45	21.08

Band	SCS (KHz)	Bandwidth (MHz)	Modulation	RB allocation	RB Size	RB Offset	Low Channel 631000 (3465 MHz)	Mid Channel 633340 (3500.01 MHz)	High Channel 635666 (3534.99 MHz)
n78	30	30	CP-OFDM	QPSK	1	1	23.11	23.26	23.29
				16QAM	1	1	22.58	22.76	22.79
				64QAM	1	1	21.10	21.27	21.30
				256QAM	1	1	18.03	18.21	18.24
				QPSK	1	76	22.93	23.09	22.74
				QPSK	39	19	22.88	23.11	22.92
				QPSK	78	0	21.38	21.59	21.41
				QPSK	1	0	21.54	21.73	21.73
				QPSK	2	0	21.47	21.63	21.65
				QPSK	1	77	21.44	21.59	21.25
				QPSK	2	76	21.34	21.52	21.18

Band	SCS (KHz)	Bandwidth (MHz)	Modulation	RB allocation	RB Size	RB Offset	Low Channel 631334 (3470.01 MHz)	Mid Channel 633340 (3500.01 MHz)	High Channel 635332 (3529.98 MHz)
n78	30	40	CP-OFDM	QPSK	1	1	23.08	23.13	23.21
				16QAM	1	1	22.53	22.60	22.72
				64QAM	1	1	21.12	21.14	21.23
				256QAM	1	1	18.02	18.07	18.15
				QPSK	1	104	22.96	22.92	22.56
				QPSK	53	26	22.96	23.08	22.95
				QPSK	106	0	21.56	21.65	21.48
				QPSK	1	0	21.52	21.56	21.71
				QPSK	2	0	21.44	21.50	21.60
				QPSK	1	105	21.42	21.35	21.05
				QPSK	2	104	21.37	21.33	20.99

Band	SCS (KHz)	Bandwidth (MHz)	Modulation	RB allocation	RB Size	RB Offset	Low Channel 631668 (3475.02 MHz)	Mid Channel 633340 (3500.01 MHz)	High Channel 635000 (3525 MHz)
n78	30	50	CP-OFDM	QPSK	1	1	23.23	23.33	23.42
				16QAM	1	1	22.73	22.76	22.84
				64QAM	1	1	21.23	21.30	21.38
				256QAM	1	1	18.13	18.24	18.27
				QPSK	1	131	23.10	23.06	22.66
				QPSK	67	33	23.07	23.23	23.03
				QPSK	133	0	21.56	21.73	21.45
				QPSK	1	0	21.64	21.73	21.78
				QPSK	2	0	21.61	21.69	21.75
				QPSK	1	132	21.56	21.37	21.00
				QPSK	2	131	21.45	21.40	20.99

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 632000 (3480 MHz)	Mid Channel 633340 (3500.01 MHz)	High Channel 634666 (3519.99 MHz)
n78	30	60	CP-OFDM	QPSK	Inner_IRB Left	1	1	23.10	23.08	23.20
				16QAM		1	1	22.56	22.59	22.69
				64QAM		1	1	21.05	21.09	21.16
				256QAM		1	1	17.94	17.97	18.09
				QPSK	Inner_IRB Right	1	160	22.88	22.73	22.54
				QPSK	Inner_Full	81	40	22.85	22.93	22.87
				QPSK	Outer_Full	162	0	21.40	21.41	21.38
				QPSK	Edge_IRB Left	1	0	21.47	21.48	21.62
				QPSK	Edge_Full Left	2	0	21.35	21.42	21.53
				QPSK	Edge_IRB Right	1	161	21.29	21.08	20.90
				QPSK	Edge_Full Right	2	160	21.22	21.06	20.87

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 632334 (3485.01 MHz)	Mid Channel 633340 (3500.01 MHz)	High Channel 634332 (3514.98 MHz)
n78	30	70	CP-OFDM	QPSK	Inner_IRB Left	1	1	23.10	23.09	23.23
				16QAM		1	1	22.55	22.51	22.69
				64QAM		1	1	21.08	21.09	21.27
				256QAM		1	1	18.00	18.02	18.17
				QPSK	Inner_IRB Right	1	187	22.71	22.58	22.50
				QPSK	Inner_Full	95	47	22.97	23.07	23.09
				QPSK	Outer_Full	189	0	21.44	21.49	21.47
				QPSK	Edge_IRB Left	1	0	21.48	21.50	21.65
				QPSK	Edge_Full Left	2	0	21.41	21.42	21.59
				QPSK	Edge_IRB Right	1	188	21.12	21.01	20.90
				QPSK	Edge_Full Right	2	187	21.08	20.98	20.90

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 632668 (3490.02 MHz)	Mid Channel 633340 (3500.01 MHz)	High Channel 634000 (3510 MHz)
n78	30	80	CP-OFDM	QPSK	Inner_IRB Left	1	1	23.13	23.16	23.19
				16QAM		1	1	22.64	22.64	22.62
				64QAM		1	1	21.10	21.14	21.15
				256QAM		1	1	18.09	18.08	18.08
				QPSK	Inner_IRB Right	1	215	22.66	22.58	22.48
				QPSK	Inner_Full	109	54	23.08	23.13	23.12
				QPSK	Outer_Full	217	0	21.49	21.49	21.46
				QPSK	Edge_IRB Left	1	0	21.58	21.58	21.60
				QPSK	Edge_Full Left	2	0	21.51	21.50	21.53
				QPSK	Edge_IRB Right	1	216	21.10	21.02	20.90
				QPSK	Edge_Full Right	2	215	20.98	20.92	20.87

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 633000 (3495 MHz)	Mid Channel 633340 (3500.01 MHz)	High Channel 633666 (3504.99 MHz)
n78	30	90	CP-OFDM	QPSK	Inner_IRB Left	1	1	23.27	23.20	23.27
				16QAM		1	1	22.74	22.83	22.78
				64QAM		1	1	21.33	21.30	21.34
				256QAM		1	1	18.12	18.13	18.13
				QPSK	Inner_IRB Right	1	243	22.53	22.55	22.50
				QPSK	Inner_Full	123	61	23.04	23.12	23.22
				QPSK	Outer_Full	245	0	21.38	21.44	21.48
				QPSK	Edge_IRB Left	1	0	21.61	21.66	21.65
				QPSK	Edge_Full Left	2	0	21.56	21.56	21.59
				QPSK	Edge_IRB Right	1	244	20.91	20.91	20.87
				QPSK	Edge_Full Right	2	243	20.85	20.83	20.86

Band	SCS (KHz)	Bandwidth (MHz)	Modulation	RB allocation	RB Size	RB Offset	N/A	Mid Channel 633340 (3500.01 MHz)	N/A
n78	30	100	CP-OFDM	QPSK	1	1		23.44	
				16QAM	1	1		22.77	
				64QAM	1	1		21.21	
				256QAM	1	1		18.13	
				QPSK	Inner 1RB Right	1	271	22.41	
				QPSK	Inner Full	137	68	23.24	
				QPSK	Outer Full	273	0	21.43	
				QPSK	Edge 1RB Left	1	0	21.66	
				QPSK	Edge Full Left	2	0	21.57	
				QPSK	Edge 1RB Right	1	272	20.82	
				QPSK	Edge Full Right	2	271	20.76	