Appendix E RF Conducted Powers

Appendix E.1 WCDMA Conducted Power

Mode	3GPP 34.121	WCDMA II Band Power (dBm)		
Channel	Subtest	9262	9400	9538
Frequency		(1 852.4 ㎒)	(1 880.0 ㎒)	(1 907.6 ㎒)
WCDMA	12.2 Kbps RMC	23.51	23.57	23.69
HSDPA	Subtest 1	22.54	22.81	22.93
	Subtest 2	22.49	22.71	22.88
	Subtest 3	22.07	22.31	22.34
	Subtest 4	22.01	22.16	22.35
HSUPA	Subtest 1	22.73	22.82	23.02
	Subtest 2	20.76	20.86	20.93
	Subtest 3	21.66	21.92	21.78
	Subtest 4	20.34	20.56	20.54
	Subtest 5	22.68	22.86	22.92
DC-HSDPA	Subtest 1	22.67	22.58	22.85
	Subtest 2	22.56	22.56	22.78
	Subtest 3	22.19	22.29	22.42
	Subtest 4	22.31	22.23	22.44

Mode	3GPP 34.121	WCDMA V Band Power (dBm)		
Channel	Subtest	4132	4183	4233
Frequency		(826.4 ㎒)	(836.6 ㎒)	(846.6 ㎒)
WCDMA	12.2 Kbps RMC	23.82	23.95	23.58
HSDPA	Subtest 1	23.12	22.97	22.62
	Subtest 2	22.91	23.12	22.15
	Subtest 3	22.56	22.52	22.26
	Subtest 4	22.59	22.55	22.25
HSUPA	Subtest 1	23.16	23.18	22.79
	Subtest 2	21.11	21.14	22.05
	Subtest 3	22.12	22.19	22.21
	Subtest 4	21.53	21.55	21.47
	Subtest 5	23.22	23.18	23.09
DC-HSDPA	Subtest 1	23.14	23.09	23.07
	Subtest 2	23.17	23.19	23.06
	Subtest 3	22.63	22.54	22.23
	Subtest 4	23.05	22.99	22.61

(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.)

Appendix E.2 LTE Conducted Power

Appendix E.2.1 LTE Band 7 Ant1,3

LTE Band7 5MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			20775	21100	21425
			(2 502.5 MHz)	(2 535.0 MHz)	(2 567.5 MHz)
			Conducted Output Power		
			(dB m)	(dB m)	(dB m)
QPSK	1	0	22.58	22.70	23.20
	1	12	22.59	22.66	23.29
	1	24	22.68	22.67	22.87
	12	0	21.89	21.78	22.45
	12	6	21.73	21.76	22.43
	12	13	21.72	21.78	22.21
	25	0	21.82	21.82	22.11
16QAM	1	0	22.13	22.02	22.00
	1	12	21.75	22.27	22.18
	1	24	21.74	22.07	22.00
	12	0	20.83	20.77	21.94
	12	6	20.84	20.83	22.10
	12	13	20.74	20.84	22.09
	25	0	20.84	20.82	21.89
64QAM	1	0	20.44	20.66	21.16
	1	12	20.81	21.07	21.11
	1	24	21.03	20.92	21.10
	12	0	19.92	19.81	20.91
	12	6	19.84	19.74	21.14
	12	13	19.78	19.87	21.54
	25	0	19.84	19.84	21.24
256QAM	1	0	17.70	18.13	18.16
	1	12	17.91	17.78	17.81
	1	24	17.87	17.86	17.85
	12	0	17.80	17.85	17.92
	12	6	17.96	18.00	18.10
	12	13	17.86	17.88	18.12
	25	0	17.77	17.74	18.51

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LTE Band7 10MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			20800	21100	21400
			(2 505.0 MHz)	(2 535.0 MHz)	(2 565.0 MHz)
			Conducted Output Power		
			(dB m)	(dB m)	(dB m)
QPSK	1	0	22.86	22.66	23.26
	1	25	23.17	22.72	22.94
	1	49	22.70	23.10	23.32
	25	0	22.59	21.85	22.06
	25	12	22.59	21.85	22.03
	25	25	22.49	22.05	22.03
	50	0	22.04	21.77	22.12
16QAM	1	0	22.09	21.76	22.18
	1	25	22.76	21.93	22.11
	1	49	22.35	22.05	22.14
	25	0	21.81	20.92	21.13
	25	12	21.95	20.91	21.20
	25	25	21.81	20.97	21.10
	50	0	20.77	20.89	21.09
64QAM	1	0	20.97	21.06	21.31
	1	25	20.88	21.08	21.43
	1	49	21.15	20.95	21.06
	25	0	20.77	19.97	20.19
	25	12	20.82	19.89	20.17
	25	25	20.92	19.91	20.14
	50	0	19.84	19.88	20.15
256QAM	1	0	17.99	18.17	18.14
	1	25	17.83	17.78	18.15
	1	49	18.13	17.62	18.15
	25	0	17.85	17.95	18.12
	25	12	17.92	17.90	18.12
	25	25	17.95	17.83	18.11
	50	0	17.85	17.84	18.11

(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 Band7 15MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			20825	21100	21375
			(2 507.5 MHz)	(2 535.0 MHz)	(2 562.5 MHz)
			Conducted Output Power		
			(dB m)	(dB m)	(dB m)
QPSK	1	0	22.89	23.10	23.02
	1	36	22.78	22.75	22.93
	1	74	22.63	22.77	22.89
	36	0	22.53	21.81	21.95
	36	18	22.53	21.83	21.93
	36	37	22.43	21.86	21.81
	75	0	21.76	21.75	21.96
16QAM	1	0	21.89	22.33	21.97
	1	36	21.83	21.87	22.23
	1	74	21.93	22.06	22.00
	36	0	21.83	20.82	21.02
	36	18	21.75	20.84	21.05
	36	37	21.83	20.80	21.08
	75	0	20.82	20.81	21.03
64QAM	1	0	20.89	20.96	20.95
	1	36	20.97	20.85	21.84
	1	74	20.88	21.06	21.32
	36	0	20.87	19.80	20.00
	36	18	20.76	19.91	20.02
	36	37	20.87	19.83	19.93
	75	0	19.75	19.75	20.00
256QAM	1	0	18.16	18.13	17.91
	1	36	17.91	18.13	18.41
	1	74	18.04	17.88	18.39
	36	0	18.09	17.81	18.06
	36	18	17.79	17.95	18.04
	36	37	17.93	17.87	17.94
	75	0	17.83	17.83	17.95

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LTE Band7 20MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			20850	21100	21350
			(2 510.0 MHz)	(2 535.0 MHz)	(2 560.0 MHz)
			Conducted Output Power		
			(dB m)	(dB m)	(dB m)
QPSK	1	0	22.75	23.15	23.05
	1	50	22.93	23.41	23.13
	1	99	22.70	22.81	22.97
	50	0	22.99	21.81	21.89
	50	25	22.68	22.69	22.59
	50	13	22.65	21.81	21.96
	100	0	21.88	21.77	21.92
16QAM	1	0	22.16	22.46	22.25
	1	50	22.12	22.18	22.22
	1	99	21.94	21.79	21.96
	50	0	21.85	20.97	20.90
	50	25	21.88	20.85	20.96
	50	50	21.88	20.82	21.16
	100	0	20.73	20.80	21.06
64QAM	1	0	20.87	21.11	21.12
	1	50	20.90	21.14	21.12
	1	99	20.95	21.22	21.04
	50	0	20.84	19.86	19.97
	50	25	20.80	19.85	20.04
	50	50	20.87	20.00	20.11
	100	0	19.80	19.79	20.13
256QAM	1	0	18.00	17.98	18.28
	1	50	18.01	17.97	18.63
	1	99	17.96	18.24	18.31
	50	0	18.11	17.95	18.03
	50	25	17.96	17.94	18.09
	50	50	17.83	17.79	18.07
	100	0	17.91	17.95	18.16

(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.)

Appendix E.2.2 LTE Band 12 Ant 1,3

LTE Band12 1.4MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			23017	23095	23173
			(699.7 MHz)	(707.5 MHz)	(715.3 MHz)
			Conducted Output Power		
			(dB m)	(dB m)	(dB m)
QPSK	1	0	23.38	23.37	23.35
	1	2	23.41	23.11	23.33
	1	5	23.51	23.46	23.28
	3	0	23.37	23.40	23.24
	3	2	23.33	23.41	23.46
	3	3	23.33	23.36	23.44
	6	0	22.43	23.33	23.31
16QAM	1	0	22.72	22.75	22.61
	1	2	22.64	22.86	22.52
	1	5	22.72	22.83	22.63
	3	0	22.55	22.86	22.57
	3	2	22.46	22.86	22.54
	3	3	22.59	22.68	22.62
	6	0	21.56	22.70	22.77
64QAM	1	0	21.62	21.90	21.46
	1	2	21.78	21.65	21.59
	1	5	21.73	21.81	21.79
	3	0	21.58	21.74	21.77
	3	2	21.60	21.54	21.68
	3	3	21.54	21.71	21.56
	6	0	20.45	21.66	21.69
256QAM	1	0	18.57	18.77	18.68
	1	2	18.69	18.74	18.87
	1	5	18.60	18.62	18.79
	3	0	18.49	18.67	18.84
	3	2	18.56	18.67	18.81
	3	3	18.51	18.71	18.75
	6	0	18.48	18.73	18.82

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LTE Band12 3MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			23025	23095	23165
			(700.5 MHz)	(707.5 MHz)	(714.5 MHz)
			Conducted Output Power		
			(dB m)	(dB m)	(dB m)
QPSK	1	0	23.19	23.22	23.22
	1	7	23.40	23.19	23.22
	1	14	23.23	23.20	23.31
	8	0	23.27	22.16	22.19
	8	4	23.17	22.18	22.14
	8	7	23.30	22.21	22.18
	15	0	22.13	22.14	22.13
16QAM	1	0	22.58	22.55	22.52
	1	7	22.50	22.56	22.75
	1	14	22.48	22.39	22.79
	8	0	22.36	21.19	21.18
	8	4	22.28	21.21	21.20
	8	7	22.47	21.33	21.19
	15	0	21.28	21.24	21.18
64QAM	1	0	21.50	21.52	21.32
	1	7	21.50	21.67	21.27
	1	14	21.54	21.31	21.59
	8	0	21.29	20.26	20.17
	8	4	21.28	20.22	20.14
	8	7	21.46	20.32	20.22
	15	0	20.12	20.20	20.26
256QAM	1	0	18.11	18.31	18.41
	1	7	18.15	18.17	18.14
	1	14	18.38	18.13	18.15
	8	0	18.20	17.96	17.94
	8	4	18.06	18.29	18.18
	8	7	18.26	17.89	17.99
	15	0	18.21	18.04	18.01

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LTE Band12 5MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			23035	23095	23155
			(701.5 MHz)	(707.5 MHz)	(713.5 MHz)
			Conducted Output Power		
			(dB m)	(dB m)	(dB m)
QPSK	1	0	23.28	23.48	23.44
	1	12	23.38	23.43	23.50
	1	24	23.37	23.42	23.45
	12	0	23.39	23.45	22.41
	12	6	23.44	23.39	22.41
	12	13	23.35	23.43	22.45
	25	0	23.49	22.46	22.40
16QAM	1	0	22.71	22.66	22.69
	1	12	22.77	22.78	22.84
	1	24	22.76	22.75	22.56
	12	0	22.66	22.61	21.43
	12	6	22.63	22.82	21.44
	12	13	22.59	22.74	21.44
	25	0	22.59	21.53	21.44
64QAM	1	0	21.82	21.74	21.71
	1	12	21.75	21.76	21.62
	1	24	21.97	21.59	21.52
	12	0	21.40	21.63	20.46
	12	6	21.68	21.62	20.46
	12	13	21.72	21.64	20.42
	25	0	21.61	20.53	20.43
256QAM	1	0	18.61	18.50	18.55
	1	12	18.54	18.64	18.61
	1	24	18.57	18.63	18.29
	12	0	18.47	18.51	18.43
	12	6	18.50	18.56	18.49
	12	13	18.61	18.54	18.49
	25	0	18.38	18.54	18.34

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LTE Band12 10MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			23060	23095	23130
			(704.0 MHz)	(707.5 MHz)	(711.0 MHz)
			Conducted Output Power		
			(dB m)	(dB m)	(dB m)
QPSK	1	0	23.49	23.54	23.52
	1	25	23.43	23.47	23.51
	1	49	23.51	23.46	23.50
	25	0	23.46	23.45	23.43
	25	12	23.21	23.47	23.31
	25	25	23.40	23.43	23.34
	50	0	23.20	22.61	22.59
16QAM	1	0	23.40	22.86	22.78
	1	25	23.04	22.84	23.27
	1	49	23.03	23.13	22.83
	25	0	23.09	22.66	22.69
	25	12	22.98	22.81	22.75
	25	25	22.69	22.72	22.66
	50	0	22.69	21.65	21.70
64QAM	1	0	21.83	21.89	21.89
	1	25	21.97	21.84	21.87
	1	49	21.98	22.40	21.76
	25	0	21.85	21.66	21.67
	25	12	21.89	21.85	21.65
	25	25	21.64	21.84	21.70
	50	0	21.75	20.62	20.66
256QAM	1	0	18.75	18.81	18.71
	1	25	18.76	18.76	18.63
	1	49	18.92	18.79	18.77
	25	0	18.88	18.68	18.63
	25	12	18.73	18.68	18.62
	25	25	18.72	18.59	18.54
	50	0	18.76	18.67	18.59

(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.)

Appendix E.2.3 LTE Band 13 Ant 1,3

LTE Band13 5MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			23205	23230	23255
			(779.5 MHz)	(782.0 MHz)	(784.5 MHz)
			Conducted Output Power		
			(dB m)	(dB m)	(dB m)
QPSK	1	0	23.43	23.20	23.25
	1	12	23.24	23.23	23.10
	1	24	23.43	23.27	23.09
	12	0	22.26	22.32	22.22
	12	6	22.36	22.28	22.19
	12	13	22.36	22.30	22.22
	25	0	22.35	22.34	22.14
16QAM	1	0	22.65	22.66	22.46
	1	12	22.71	22.76	22.45
	1	24	22.40	22.67	22.37
	12	0	21.33	21.36	21.50
	12	6	21.41	21.32	21.49
	12	13	21.39	21.34	21.48
	25	0	21.44	21.29	21.46
64QAM	1	0	21.59	21.64	21.46
	1	12	21.35	21.68	21.28
	1	24	21.23	21.31	21.11
	12	0	20.35	20.39	20.12
	12	6	20.43	20.31	20.14
	12	13	20.39	20.28	20.14
	25	0	20.33	20.27	20.46
256QAM	1	0	18.13	18.20	18.60
	1	12	18.43	18.20	18.61
	1	24	18.30	18.09	18.66
	12	0	18.17	18.20	18.64
	12	6	18.23	18.06	18.60
	12	13	18.09	18.10	18.70
	25	0	18.13	18.19	18.64

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LTE Band13 10MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
				23230	
				(782.0 MHz)	
			Conducted Output Power		
			(dB m)	(dB m)	(dB m)
QPSK	1	0		23.16	
	1	25		23.41	
	1	49		23.52	
	25	0		22.35	
	25	12		22.39	
	25	25		22.44	
	50	0		22.36	
16QAM	1	0		22.34	
	1	25		22.69	
	1	49		22.59	
	25	0		21.40	
	25	12		21.36	
	25	25		21.42	
	50	0		21.33	
64QAM	1	0		21.59	
	1	25		21.57	
	1	49		21.64	
	25	0		20.33	
	25	12		20.32	
	25	25		20.34	
	50	0		20.43	
256QAM	1	0		18.28	
	1	25		18.26	
	1	49		18.29	
	25	0		18.26	
	25	12		18.21	
	25	25		18.23	
	50	0		18.20	

(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.)

Appendix E.2.4 LTE Band 25 Ant 1,3

LTE Band25 1.4MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			26047	26365	26683
			(1 850.7 MHz)	(1 882.5 MHz)	(1 914.3 MHz)
			Conducted Output Power		
			(dB m)	(dB m)	(dB m)
QPSK	1	0	23.06	22.92	23.29
	1	2	22.97	23.08	23.13
	1	5	23.00	22.94	23.24
	3	0	22.96	23.07	23.18
	3	2	23.01	23.02	23.26
	3	3	23.00	22.98	23.19
	6	0	22.01	23.09	23.24
16QAM	1	0	22.25	22.54	22.57
	1	2	22.40	22.26	22.43
	1	5	22.34	22.24	22.47
	3	0	22.24	22.23	22.79
	3	2	22.15	22.34	22.68
	3	3	22.11	22.24	22.83
	6	0	21.08	22.50	22.66
64QAM	1	0	21.22	21.37	21.57
	1	2	21.33	21.12	21.60
	1	5	21.05	21.27	21.55
	3	0	21.16	21.09	21.16
	3	2	21.01	21.20	21.67
	3	3	21.12	21.27	21.57
	6	0	20.10	21.26	21.46
256QAM	1	0	17.88	18.09	18.28
	1	2	17.83	18.10	18.28
	1	5	17.93	18.03	18.32
	3	0	17.92	18.04	18.16
	3	2	17.79	17.90	18.16
	3	3	17.79	17.93	18.18
	6	0	17.73	17.91	18.34

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LTE Band25 3MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			26055	26365	26675
			(1 851.5 MHz)	(1 882.5 MHz)	(1 913.5 MHz)
			Conducted Output Power		
			(dB m)	(dB m)	(dB m)
QPSK	1	0	22.99	23.03	23.22
	1	7	23.25	22.92	23.48
	1	14	23.17	23.02	23.29
	8	0	23.10	22.08	22.21
	8	4	23.17	22.04	22.23
	8	7	23.24	22.01	22.30
	15	0	22.12	22.06	22.26
16QAM	1	0	22.51	22.39	22.54
	1	7	22.63	22.41	22.72
	1	14	22.29	22.27	22.83
	8	0	22.24	21.15	21.32
	8	4	22.41	21.19	21.35
	8	7	22.30	21.20	21.28
	15	0	21.31	21.03	21.30
64QAM	1	0	21.37	21.07	21.58
	1	7	21.32	21.31	21.70
	1	14	21.54	21.00	21.35
	8	0	21.23	20.08	20.27
	8	4	21.27	20.14	20.30
	8	7	21.27	20.09	20.35
	15	0	20.22	20.09	20.28
256QAM	1	0	18.06	18.05	18.21
	1	7	18.02	18.07	18.35
	1	14	17.77	18.20	18.36
	8	0	17.92	17.91	18.01
	8	4	18.06	17.94	18.09
	8	7	17.87	17.87	18.19
	15	0	17.93	17.92	18.09

(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 Band25 5MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			26065	26365	26665
			(1 852.5 MHz)	(1 882.5 MHz)	(1 912.5 MHz)
			Conducted Output Power		
			(dB m)	(dB m)	(dB m)
QPSK	1	0	23.11	23.13	23.04
	1	12	23.22	23.06	23.33
	1	24	23.35	23.13	23.33
	12	0	23.10	23.11	22.21
	12	6	23.18	23.16	22.32
	12	13	23.15	23.03	22.29
	25	0	23.17	22.00	22.24
16QAM	1	0	22.57	22.28	22.68
	1	12	22.60	22.64	22.75
	1	24	22.65	22.46	22.75
	12	0	22.31	22.19	21.25
	12	6	22.23	22.18	21.30
	12	13	22.22	22.11	21.34
	25	0	22.32	21.08	21.32
64QAM	1	0	21.42	21.23	21.47
	1	12	21.38	21.40	21.32
	1	24	21.66	21.36	21.66
	12	0	21.13	21.18	20.33
	12	6	21.21	21.16	20.32
	12	13	21.42	21.18	20.22
	25	0	21.21	20.06	20.40
256QAM	1	0	17.94	17.78	17.99
	1	12	17.94	18.10	18.23
	1	24	18.05	18.00	17.85
	12	0	17.84	17.87	18.08
	12	6	17.81	17.92	18.11
	12	13	17.89	17.92	18.07
	25	0	17.85	17.82	18.11

(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 Band25 10MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			26090	26365	26640
			(1 855.0 MHz)	(1 882.5 MHz)	(1 910.0 MHz)
			Conducted Output Power		
			(dB m)	(dB m)	(dB m)
QPSK	1	0	23.29	23.14	23.22
	1	25	23.20	23.11	23.30
	1	49	23.18	23.35	23.32
	25	0	23.30	23.13	23.21
	25	12	23.20	23.20	23.25
	25	25	23.23	23.15	23.35
	50	0	23.26	22.07	22.28
16QAM	1	0	22.73	22.53	22.60
	1	25	22.76	22.58	22.78
	1	49	22.73	22.52	22.70
	25	0	22.41	22.25	22.30
	25	12	22.28	22.22	22.36
	25	25	22.53	22.18	22.33
	50	0	22.38	21.14	21.30
64QAM	1	0	21.33	21.59	21.44
	1	25	21.52	21.20	21.36
	1	49	21.64	21.50	21.30
	25	0	21.46	21.14	21.36
	25	12	21.31	21.26	21.38
	25	25	21.40	21.26	21.35
	50	0	21.46	20.14	20.29
256QAM	1	0	17.96	17.89	18.13
	1	25	17.90	18.02	18.16
	1	49	18.07	18.04	18.12
	25	0	18.04	17.89	18.04
	25	12	17.82	17.91	18.04
	25	25	17.93	17.90	18.08
	50	0	17.83	17.83	18.09

(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 Band25 15MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			26115	26365	26615
			(1 857.5 MHz)	(1 882.5 MHz)	(1 907.5 MHz)
			Conducted Output Power		
			(dB m)	(dB m)	(dB m)
QPSK	1	0	23.38	23.01	23.16
	1	36	23.20	23.08	23.25
	1	74	23.16	23.08	23.42
	36	0	23.26	23.08	23.26
	36	18	23.33	23.07	23.16
	36	37	23.24	23.15	23.27
	75	0	23.22	23.09	22.18
16QAM	1	0	22.43	22.35	22.25
	1	36	22.66	22.20	22.49
	1	74	22.29	22.33	22.36
	36	0	22.56	22.20	22.33
	36	18	22.33	22.17	22.39
	36	37	22.45	22.23	22.26
	75	0	22.34	22.08	21.17
64QAM	1	0	21.49	21.25	21.43
	1	36	21.45	21.30	21.55
	1	74	21.39	21.32	21.48
	36	0	21.58	21.24	21.24
	36	18	21.31	21.30	21.27
	36	37	21.56	21.33	21.27
	75	0	21.28	21.17	20.20
256QAM	1	0	18.04	17.82	18.11
	1	36	17.93	17.97	18.09
	1	74	18.00	17.99	18.21
	36	0	17.93	17.91	18.00
	36	18	17.89	17.88	18.08
	36	37	18.00	17.87	18.00
	75	0	17.78	17.88	17.96

(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 Band25 20MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			26140	26365	26590
			(1 860.0 MHz)	(1 882.5 MHz)	(1 905.0 MHz)
			Conducted Output Power		
			(dB m)	(dB m)	(dB m)
QPSK	1	0	23.25	23.49	23.28
	1	50	23.12	23.11	23.16
	1	99	23.15	23.02	23.17
	50	0	23.11	23.22	23.15
	50	25	23.33	23.36	23.22
	50	13	23.26	23.10	23.18
	100	0	23.21	23.11	22.19
16QAM	1	0	22.55	22.45	22.38
	1	50	22.39	22.31	22.45
	1	99	22.46	22.42	22.74
	50	0	22.32	22.28	22.19
	50	25	22.35	22.24	22.28
	50	50	22.31	22.33	22.26
	100	0	22.36	22.22	21.20
64QAM	1	0	21.54	21.38	21.05
	1	50	21.66	21.25	21.28
	1	99	21.49	21.31	21.49
	50	0	21.38	21.25	21.33
	50	25	21.47	21.18	21.25
	50	50	21.42	21.20	21.28
	100	0	21.34	21.17	20.15
256QAM	1	0	18.02	18.14	18.12
	1	50	18.15	18.06	18.24
	1	99	18.13	17.89	18.15
	50	0	17.99	17.89	18.05
	50	25	17.84	17.89	18.08
	50	50	17.79	17.85	17.99
	100	0	17.78	17.89	17.99

(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.)

Appendix E.2.5 LTE Band 26 Ant 1,3

LTE Band26 1.4MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			26697	26865	27033
			(814.7 MHz)	(831.5 MHz)	(848.3 MHz)
			Conducted Output Power		
			(dB m)	(dB m)	(dB m)
QPSK	1	0	23.19	23.23	23.19
	1	2	23.22	23.19	23.23
	1	5	23.27	23.19	23.19
	3	0	23.21	23.18	23.26
	3	2	23.22	23.21	23.25
	3	3	23.22	23.24	23.24
	6	0	22.26	23.20	23.24
16QAM	1	0	22.35	22.50	22.52
	1	2	22.67	22.40	22.53
	1	5	22.49	22.52	22.53
	3	0	22.36	22.43	22.58
	3	2	22.36	22.52	22.56
	3	3	22.31	22.53	22.45
	6	0	21.35	22.53	22.54
64QAM	1	0	21.37	21.29	21.48
	1	2	21.31	21.36	21.40
	1	5	21.54	21.46	21.39
	3	0	21.43	21.58	21.29
	3	2	21.37	21.37	21.37
	3	3	21.36	21.29	21.51
	6	0	20.30	21.38	21.38
256QAM	1	0	18.62	18.67	18.56
	1	2	18.62	18.68	18.42
	1	5	18.64	18.57	18.49
	3	0	18.97	18.64	18.37
	3	2	18.96	18.63	18.45
	3	3	18.66	18.64	18.62
	6	0	18.67	18.58	18.54

(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 Band26 3MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			26705	26865	27025
			(815.5 MHz)	(831.5 MHz)	(847.5 MHz)
			Conducted Output Power		
			(dB m)	(dB m)	(dB m)
QPSK	1	0	23.23	23.09	23.16
	1	7	23.25	23.33	23.25
	1	14	23.31	23.12	23.22
	8	0	23.24	22.17	22.10
	8	4	23.20	22.15	22.11
	8	7	23.25	22.20	22.11
	15	0	22.20	22.16	22.13
16QAM	1	0	22.52	22.55	22.41
	1	7	22.70	22.45	22.54
	1	14	22.55	22.48	22.61
	8	0	22.34	21.23	21.12
	8	4	22.36	21.27	21.17
	8	7	22.36	21.31	21.14
	15	0	21.30	21.20	21.19
64QAM	1	0	21.27	21.21	21.38
	1	7	21.44	21.38	21.32
	1	14	21.48	21.29	21.41
	8	0	21.30	20.20	20.12
	8	4	21.39	20.19	20.06
	8	7	21.40	20.31	20.12
	15	0	20.28	20.20	20.17
256QAM	1	0	18.70	19.05	18.97
	1	7	18.58	18.69	18.94
	1	14	18.81	18.80	19.30
	8	0	18.94	18.97	18.96
	8	4	19.01	18.98	18.96
	8	7	18.95	18.93	18.91
	15	0	18.92	18.99	18.92

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LTE Band26 5MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			26715	26865	27015
			(816.5 MHz)	(831.5 MHz)	(846.5 MHz)
			Conducted Output Power		
			(dB m)	(dB m)	(dB m)
QPSK	1	0	23.18	23.27	23.12
	1	12	23.28	23.23	23.13
	1	24	23.23	23.29	23.13
	12	0	23.16	23.27	22.13
	12	6	23.22	23.24	22.16
	12	13	23.19	23.20	22.18
	25	0	23.22	22.20	22.10
16QAM	1	0	22.58	22.63	22.59
	1	12	22.66	22.59	22.71
	1	24	22.60	22.62	22.56
	12	0	22.31	22.35	21.20
	12	6	22.33	22.30	21.18
	12	13	22.34	22.27	21.24
	25	0	22.26	21.25	21.15
64QAM	1	0	21.42	21.38	21.46
	1	12	21.32	21.46	21.33
	1	24	21.49	21.41	21.18
	12	0	21.27	21.27	20.17
	12	6	21.30	21.29	20.26
	12	13	21.36	21.28	20.21
	25	0	21.31	20.24	20.15
256QAM	1	0	18.83	18.84	18.75
	1	12	18.83	18.84	19.01
	1	24	19.06	19.00	18.88
	12	0	18.79	18.89	18.90
	12	6	18.78	18.89	18.94
	12	13	18.95	18.90	18.91
	25	0	18.78	18.78	18.91

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LTE Band26 10MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			26740	26865	26990
			(819.0 MHz)	(831.5 MHz)	(844.0 MHz)
			Conducted Output Power		
			(dB m)	(dB m)	(dB m)
QPSK	1	0	23.28	23.18	23.26
	1	25	23.28	23.20	23.23
	1	49	23.23	23.24	23.22
	25	0	23.27	23.24	23.23
	25	12	23.20	23.23	23.26
	25	25	23.18	23.30	23.27
	50	0	23.28	22.26	22.24
16QAM	1	0	22.41	22.48	22.47
	1	25	22.40	22.50	22.43
	1	49	22.59	22.59	22.54
	25	0	22.38	22.39	22.32
	25	12	22.48	22.36	22.34
	25	25	22.43	22.35	22.28
	50	0	22.39	21.32	21.26
64QAM	1	0	21.37	21.49	21.43
	1	25	21.50	21.56	21.52
	1	49	21.42	21.52	21.25
	25	0	21.40	21.29	21.34
	25	12	21.33	21.35	21.25
	25	25	21.47	21.30	21.26
	50	0	21.31	20.30	20.22
256QAM	1	0	18.80	18.91	18.96
	1	25	18.96	19.06	18.80
	1	49	18.88	18.89	18.77
	25	0	18.97	18.88	18.76
	25	12	18.71	18.85	18.85
	25	25	18.85	18.91	18.79
	50	0	18.98	18.91	17.87

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LTE Band26 15MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			26765	26865	26965
			(821.5 MHz)	(831.5 MHz)	(841.5 MHz)
			Conducted Output Power		
			(dB m)	(dB m)	(dB m)
QPSK	1	0	23.01	23.18	23.10
	1	36	22.97	23.20	23.17
	1	74	23.06	23.34	23.14
	36	0	23.28	23.24	23.25
	36	18	23.19	23.23	23.25
	36	37	23.24	23.31	23.23
	75	0	22.12	22.26	22.23
16QAM	1	0	22.42	22.48	22.39
	1	36	22.41	22.50	22.38
	1	74	22.49	22.59	22.54
	36	0	22.25	22.39	22.27
	36	18	21.12	22.36	22.28
	36	37	21.14	22.35	22.25
	75	0	21.18	21.32	21.26
64QAM	1	0	21.22	21.49	21.49
	1	36	21.24	21.56	21.35
	1	74	21.26	21.52	21.40
	36	0	21.17	21.29	21.30
	36	18	21.21	21.35	21.29
	36	37	21.16	21.30	21.31
	75	0	20.56	20.30	20.23
256QAM	1	0	18.97	18.73	18.79
	1	36	18.91	18.89	18.87
	1	74	18.90	18.77	18.78
	36	0	18.93	18.75	18.77
	36	18	18.92	18.91	18.83
	36	37	18.92	18.87	18.83
	75	0	18.90	17.90	17.77

(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.)

Appendix E.2.6 LTE Band 38 Ant 1,3

LTE Band38 5MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			37775	38000	38225
			(2 572.5 MHz)	(2 595.0 MHz)	(2 617.5 MHz)
			Conducted Output Power		
			(dB m)	(dB m)	(dB m)
QPSK	1	0	22.51	22.16	22.25
	1	12	22.48	22.06	22.25
	1	24	22.49	22.16	22.12
	12	0	21.53	21.32	21.29
	12	6	21.52	21.17	21.23
	12	13	21.39	21.17	21.12
	25	0	21.47	21.29	21.25
16QAM	1	0	21.60	21.37	21.41
	1	12	21.46	21.27	21.33
	1	24	21.47	21.21	21.29
	12	0	20.77	20.53	20.50
	12	6	20.69	20.50	20.49
	12	13	20.60	20.36	20.45
	25	0	20.66	20.56	20.50
64QAM	1	0	20.65	20.37	20.43
	1	12	20.47	20.35	20.42
	1	24	20.59	20.36	20.34
	12	0	19.81	19.42	19.51
	12	6	19.80	19.34	19.30
	12	13	19.74	19.33	19.44
	25	0	19.75	19.35	19.47
256QAM	1	0	17.36	17.22	17.26
	1	12	17.45	17.34	17.22
	1	24	17.61	17.64	17.69
	12	0	17.42	17.26	17.45
	12	6	17.49	17.38	17.47
	12	13	17.16	17.26	17.17
	25	0	17.18	17.17	17.09

(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 Band38 10MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			37800	38000	38200
			(2 575.0 MHz)	(2 595.0 MHz)	(2 615.0 MHz)
			Conducted Output Power		
			(dB m)	(dB m)	(dB m)
QPSK	1	0	22.56	22.37	22.36
	1	25	22.34	22.31	22.15
	1	49	22.46	22.44	22.11
	25	0	21.61	21.48	21.43
	25	12	21.45	21.53	21.23
	25	25	21.59	21.49	21.19
	50	0	21.52	21.47	21.46
16QAM	1	0	21.67	21.65	21.51
	1	25	21.68	21.48	21.37
	1	49	20.64	21.43	21.32
	25	0	20.95	20.68	20.66
	25	12	20.75	20.68	20.59
	25	25	20.88	20.60	20.60
	50	0	20.70	20.58	20.63
64QAM	1	0	20.87	20.65	20.72
	1	25	20.54	20.56	20.46
	1	49	20.65	20.67	20.58
	25	0	19.94	19.64	19.57
	25	12	19.75	19.61	19.47
	25	25	19.79	19.71	19.44
	50	0	19.77	19.66	19.66
256QAM	1	0	17.39	17.34	17.27
	1	25	16.99	17.17	17.17
	1	49	17.53	17.41	17.37
	25	0	17.44	17.39	17.35
	25	12	17.51	17.42	17.42
	25	25	17.32	17.22	17.25
	50	0	17.36	17.31	17.36

(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 Band38 15MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			37825	38000	38175
			(2 577.5 MHz)	(2 595.0 MHz)	(2 612.5 MHz)
			Conducted Output Power		
			(dB m)	(dB m)	(dB m)
QPSK	1	0	22.69	22.37	22.36
	1	36	22.45	22.53	22.36
	1	74	22.41	22.51	22.52
	36	0	21.74	21.51	21.41
	36	18	21.48	21.60	21.47
	36	37	21.43	21.50	21.51
	75	0	21.63	21.41	21.33
16QAM	1	0	21.95	21.63	21.59
	1	36	21.66	21.59	21.49
	1	74	21.53	21.53	21.62
	36	0	20.91	20.65	20.62
	36	18	20.79	20.77	20.38
	36	37	20.76	20.86	20.89
	75	0	20.79	20.60	20.51
64QAM	1	0	20.97	20.66	20.52
	1	36	20.73	20.71	20.81
	1	74	20.85	20.73	20.76
	36	0	19.93	19.71	19.65
	36	18	19.92	19.79	19.87
	36	37	19.88	19.75	19.91
	75	0	19.79	19.59	19.57
256QAM	1	0	17.45	17.42	17.43
	1	36	17.39	17.20	17.20
	1	74	17.50	17.34	17.16
	36	0	17.54	17.51	17.59
	36	18	17.27	17.18	17.35
	36	37	17.44	17.34	17.16
	75	0	17.16	17.29	17.28

(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 Band38 20MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			37850	38000	38150
			(2 580.0 MHz)	(2 595.0 MHz)	(2 610.0 MHz)
			Conducted Output Power		
			(dB m)	(dB m)	(dB m)
QPSK	1	0	22.68	22.79	22.54
	1	50	22.52	22.42	21.31
	1	99	22.49	22.41	22.36
	50	0	21.69	21.85	21.51
	50	25	21.58	21.52	21.59
	50	13	21.61	21.59	21.58
	100	0	21.61	21.51	21.52
16QAM	1	0	21.94	21.84	21.52
	1	50	21.95	21.59	21.47
	1	99	21.88	21.57	21.48
	50	0	21.00	20.77	20.71
	50	25	20.91	20.75	20.63
	50	50	20.76	20.84	20.57
	100	0	20.82	20.58	20.67
64QAM	1	0	20.82	20.81	20.60
	1	50	20.83	20.78	20.51
	1	99	20.78	20.85	20.57
	50	0	20.04	19.77	19.70
	50	25	19.99	19.85	19.51
	50	50	20.01	19.92	19.63
	100	0	19.84	19.68	19.69
256QAM	1	0	17.33	17.50	17.61
	1	50	17.16	17.34	17.36
	1	99	17.57	17.39	17.40
	50	0	17.46	17.60	17.50
	50	25	17.72	17.62	17.69
	50	50	17.50	17.51	17.39
	100	0	17.20	17.39	17.39

(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.)

Appendix E.2.7 LTE Band 48 Ant 2

LTE Band48 5MHz Bandwidth						
Modulation	RB Size	RB Offset	Low Channel	Low Mid Channel	High Mid Channel	High Channel
			55265	55748	56232	56715
			(3 552.5 MHz)	(3 600.8 MHz)	(3 649.2 MHz)	(3 697.5 MHz)
			Conducted Output Power			
			(dB m)	(dB m)	(dB m)	(dB m)
QPSK	1	0	22.58	22.52	22.34	22.50
	1	12	22.28	22.20	22.31	22.20
	1	24	22.25	22.17	22.35	22.27
	12	0	21.38	21.44	21.38	21.30
	12	6	21.39	21.29	21.41	21.42
	12	13	21.29	21.36	21.37	21.28
	25	0	21.19	21.24	21.29	21.30
16QAM	1	0	21.51	21.49	21.53	21.50
	1	12	21.76	21.62	21.54	21.58
	1	24	21.18	21.15	21.28	21.10
	12	0	20.29	20.26	20.41	20.44
	12	6	20.41	20.36	20.34	20.28
	12	13	20.18	20.18	20.36	20.36
	25	0	20.20	20.22	20.27	20.34
64QAM	1	0	20.30	20.26	20.43	20.22
	1	12	20.18	20.14	20.21	20.03
	1	24	20.12	20.11	20.15	20.00
	12	0	19.18	19.19	19.46	19.17
	12	6	19.27	19.37	19.38	19.21
	12	13	19.28	19.39	19.21	19.34
	25	0	19.38	19.37	19.27	19.36
256QAM	1	0	18.03	18.00	17.92	18.13
	1	12	17.82	17.75	18.01	17.84
	1	24	17.67	17.66	17.75	17.61
	12	0	16.84	16.90	17.02	16.82
	12	6	16.93	16.84	16.98	16.79
	12	13	16.91	16.91	16.99	16.73
	25	0	16.73	16.88	17.05	16.78

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LTE Band48 10MHz Bandwidth						
Modulation	RB Size	RB Offset	Low Channel	Low Mid Channel	High Mid Channel	High Channel
			55290	55757	56223	56690
			(3 555.0 MHz)	(3 601.7 MHz)	(3 648.3 MHz)	(3 692.5 MHz)
			Conducted Output Power			
			(dB m)	(dB m)	(dB m)	(dB m)
QPSK	1	0	22.35	22.78	22.83	22.79
	1	25	22.32	22.85	22.81	22.81
	1	49	22.35	22.81	22.75	22.82
	25	0	21.50	21.79	22.04	21.78
	25	12	21.45	21.82	21.92	21.87
	25	25	21.45	21.73	21.87	21.28
	50	0	21.19	21.21	21.36	21.28
16QAM	1	0	21.46	21.48	21.31	21.47
	1	25	21.64	21.68	21.42	21.69
	1	49	21.12	21.15	21.28	21.20
	25	0	20.42	20.39	20.65	20.34
	25	12	20.42	20.25	20.42	20.33
	25	25	20.20	20.34	20.31	20.20
	50	0	20.37	20.26	20.37	20.22
64QAM	1	0	20.31	20.30	20.33	20.34
	1	25	20.06	20.04	20.26	20.16
	1	49	20.11	19.95	20.18	20.05
	25	0	19.25	19.25	19.55	19.23
	25	12	19.33	19.30	19.42	19.18
	25	25	19.45	19.32	19.45	19.29
	50	0	19.35	19.42	19.58	19.46
256QAM	1	0	18.15	18.12	17.97	18.16
	1	25	17.80	17.88	18.02	17.84
	1	49	17.76	17.65	17.94	17.70
	25	0	16.83	17.00	17.31	17.00
	25	12	16.81	16.79	17.01	16.88
	25	25	16.88	16.85	16.95	16.89
	50	0	16.73	16.81	16.97	16.78

(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 Band48 15MHz Bandwidth						
Modulation	RB Size	RB Offset	Low Channel	Low Mid Channel	High Mid Channel	High Channel
			55315	55765	56215	56665
			(3 557.5 MHz)	(3 602.5 MHz)	(3 647.5 MHz)	(3 692.5 MHz)
			Conducted Output Power			
			(dB m)	(dB m)	(dB m)	(dB m)
QPSK	1	0	22.30	22.56	22.74	22.71
	1	36	22.24	22.22	22.75	22.85
	1	74	22.27	22.34	21.84	22.82
	36	0	21.39	21.31	21.88	21.73
	36	18	21.37	21.35	21.75	21.79
	36	37	21.44	21.33	21.74	21.76
	75	0	21.27	21.18	21.81	21.24
16QAM	1	0	21.43	21.33	21.43	21.41
	1	36	21.67	21.70	21.71	21.70
	1	74	21.15	21.16	21.21	21.05
	36	0	20.43	20.28	20.48	20.30
	36	18	20.33	20.26	20.41	20.35
	36	37	20.31	20.36	20.42	20.19
	75	0	20.38	20.28	20.39	20.34
64QAM	1	0	20.19	20.24	20.38	20.20
	1	36	20.19	20.16	20.32	20.16
	1	74	20.05	19.97	20.11	20.11
	36	0	19.32	19.23	19.45	19.30
	36	18	19.31	19.31	19.42	19.29
	36	37	19.44	19.29	19.39	19.42
	75	0	19.43	19.43	19.43	19.36
256QAM	1	0	18.12	18.05	17.96	18.01
	1	36	17.79	17.72	18.11	17.81
	1	74	17.66	17.64	17.83	17.65
	36	0	16.90	16.81	17.01	16.81
	36	18	16.82	16.85	16.98	16.77
	36	37	16.89	16.82	16.91	16.85
	75	0	16.85	16.83	16.99	16.76

(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 Band48 20MHz Bandwidth						
Modulation	RB Size	RB Offset	Low Channel	Low Mid Channel	High Mid Channel	High Channel
			55340	55773	56207	56640
			(3 560.0 MHz)	(3 603.3 MHz)	(3 646.7 MHz)	(3 690.0 MHz)
			Conducted Output Power			
			(dB m)	(dB m)	(dB m)	(dB m)
QPSK	1	0	22.61	22.68	22.63	22.72
	1	50	22.56	22.71	22.87	22.86
	1	99	22.35	22.77	22.71	22.78
	50	0	21.48	21.81	21.80	21.71
	50	25	21.53	21.72	21.89	21.88
	50	13	21.43	21.65	21.75	21.78
	100	0	21.37	21.73	21.72	21.69
16QAM	1	0	21.52	21.85	21.90	21.64
	1	50	21.77	21.81	22.02	21.81
	1	99	21.24	21.76	21.77	21.77
	50	0	20.45	20.89	20.77	20.82
	50	25	20.45	20.83	20.72	20.87
	50	50	20.37	20.79	20.65	20.75
	100	0	20.39	20.81	20.67	20.81
64QAM	1	0	20.34	20.77	20.59	20.48
	1	50	20.20	20.71	20.59	20.75
	1	99	20.13	20.56	20.66	20.83
	50	0	19.36	19.86	19.77	19.76
	50	25	19.38	19.73	19.71	19.87
	50	50	19.46	19.72	19.72	19.84
	100	0	19.51	19.76	19.71	19.75
256QAM	1	0	18.16	18.03	18.08	18.15
	1	50	17.90	17.83	17.77	17.90
	1	99	17.78	17.97	17.76	17.80
	50	0	17.01	17.03	16.94	16.96
	50	25	16.96	17.11	17.01	16.85
	50	50	16.93	17.05	16.94	16.86
	100	0	16.89	17.26	16.87	16.89

(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.)

Appendix E.2.8 LTE Band 66 Ant 1,3

LTE Band66 1.4MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			131979	132322	132665
			(1 710.7 MHz)	(1 745.0 MHz)	(1 779.3 MHz)
			Conducted Output Power		
			(dB m)	(dB m)	(dB m)
QPSK	1	0	22.59	23.03	22.77
	1	2	22.71	22.68	22.65
	1	5	22.85	22.69	22.69
	3	0	22.66	22.67	23.00
	3	2	22.67	22.67	22.76
	3	3	22.83	23.03	22.67
	6	0	21.78	22.66	22.79
16QAM	1	0	21.95	22.11	21.96
	1	2	21.90	22.03	22.27
	1	5	21.95	21.86	22.04
	3	0	21.76	22.10	22.09
	3	2	21.75	21.94	22.22
	3	3	21.81	22.08	21.93
	6	0	20.85	21.87	21.98
64QAM	1	0	20.88	20.79	21.15
	1	2	20.90	21.02	20.95
	1	5	20.93	20.96	20.95
	3	0	20.80	21.09	20.76
	3	2	20.78	20.88	20.98
	3	3	20.85	21.00	21.03
	6	0	19.82	20.92	21.05
256QAM	1	0	17.86	17.91	17.87
	1	2	18.03	17.80	17.88
	1	5	17.88	17.72	17.86
	3	0	17.83	17.73	17.96
	3	2	17.82	17.89	18.01
	3	3	17.31	17.95	17.99
	6	0	17.81	17.66	17.77

(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 Band66 3MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			131987	132322	132657
			(1 711.5 MHz)	(1 745.0 MHz)	(1 778.5 MHz)
			Conducted Output Power		
			(dB m)	(dB m)	(dB m)
QPSK	1	0	22.77	22.72	22.75
	1	7	22.78	22.74	22.93
	1	14	22.66	22.69	22.82
	8	0	22.94	21.72	21.81
	8	4	22.80	21.73	21.78
	8	7	22.76	21.79	21.83
	15	0	21.77	21.75	21.74
16QAM	1	0	22.13	21.95	22.06
	1	7	22.25	22.20	22.02
	1	14	22.13	22.09	22.15
	8	0	22.05	20.79	20.89
	8	4	21.91	20.84	20.83
	8	7	21.81	20.89	20.89
	15	0	20.83	20.81	20.90
64QAM	1	0	21.05	20.99	20.97
	1	7	21.00	20.94	20.98
	1	14	20.85	20.95	21.09
	8	0	21.00	19.80	19.84
	8	4	20.79	19.72	19.88
	8	7	20.88	19.96	19.82
	15	0	19.80	19.80	19.80
256QAM	1	0	17.89	17.97	17.95
	1	7	17.91	18.06	17.88
	1	14	17.95	17.92	18.13
	8	0	17.82	17.80	17.88
	8	4	17.94	17.83	17.80
	8	7	17.91	17.89	17.82
	15	0	17.78	17.80	17.79

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LTE Band66 5MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			131997	132322	132647
			(1 712.5 MHz)	(1 745.0 MHz)	(1 777.5 MHz)
			Conducted Output Power		
			(dB m)	(dB m)	(dB m)
QPSK	1	0	22.87	22.76	22.72
	1	12	22.63	22.88	22.73
	1	24	22.87	22.71	22.89
	12	0	22.81	22.83	21.80
	12	6	22.89	22.87	21.86
	12	13	22.69	22.87	21.78
	25	0	22.69	21.76	21.76
16QAM	1	0	21.76	21.98	21.96
	1	12	21.97	22.05	22.09
	1	24	21.98	22.08	22.27
	12	0	21.85	21.84	20.80
	12	6	21.95	22.05	20.95
	12	13	22.00	21.90	20.88
	25	0	21.90	20.72	20.81
64QAM	1	0	21.14	21.14	20.93
	1	12	21.25	21.07	20.90
	1	24	21.03	21.08	20.96
	12	0	20.73	20.91	19.75
	12	6	20.73	20.83	19.91
	12	13	20.89	20.97	19.80
	25	0	20.93	19.85	19.77
256QAM	1	0	17.84	18.00	17.89
	1	12	17.92	17.81	18.08
	1	24	17.74	17.98	17.79
	12	0	17.84	17.75	17.82
	12	6	17.93	17.89	17.86
	12	13	17.83	17.87	17.72
	25	0	17.78	17.86	17.74

(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 Band66 10MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			132022	132322	132622
			(1 715.0 MHz)	(1 745.0 MHz)	(1 775.0 MHz)
			Conducted Output Power		
			(dB m)	(dB m)	(dB m)
QPSK	1	0	22.81	22.74	22.68
	1	25	22.72	22.82	22.90
	1	49	22.71	22.78	22.80
	25	0	22.70	22.95	22.89
	25	12	22.83	22.85	22.96
	25	25	22.82	22.80	23.00
	50	0	22.85	21.86	22.01
16QAM	1	0	22.13	22.25	22.11
	1	25	22.06	22.14	22.06
	1	49	22.07	22.17	22.35
	25	0	21.87	22.00	21.90
	25	12	22.01	21.92	22.00
	25	25	21.91	21.92	22.03
	50	0	21.88	20.87	20.94
64QAM	1	0	20.96	20.99	21.05
	1	25	21.32	21.04	21.17
	1	49	21.08	21.10	21.57
	25	0	21.16	21.03	20.95
	25	12	20.98	21.07	21.02
	25	25	20.85	21.07	20.93
	50	0	20.98	19.87	19.96
256QAM	1	0	17.93	18.00	18.06
	1	25	17.98	17.92	17.94
	1	49	18.00	18.04	18.03
	25	0	17.95	17.95	17.88
	25	12	17.93	17.84	17.95
	25	25	17.93	17.91	17.97
	50	0	17.94	17.83	17.92

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LTE Band66 15MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			132047	132322	132597
			(1 717.5 MHz)	(1 745.0 MHz)	(1 772.5 MHz)
			Conducted Output Power		
			(dB m)	(dB m)	(dB m)
QPSK	1	0	22.90	22.81	22.72
	1	36	22.78	22.73	22.77
	1	74	22.69	22.85	22.89
	36	0	22.83	22.83	22.96
	36	18	22.76	22.70	22.81
	36	37	22.75	22.74	22.91
	75	0	22.85	22.72	21.92
16QAM	1	0	22.01	21.93	22.23
	1	36	21.99	22.70	22.35
	1	74	22.09	22.00	22.08
	36	0	21.93	21.94	22.01
	36	18	22.10	21.93	21.94
	36	37	22.00	22.07	22.00
	75	0	21.89	21.85	20.84
64QAM	1	0	21.02	20.92	21.10
	1	36	21.07	20.99	21.05
	1	74	21.21	20.96	21.09
	36	0	21.10	20.94	20.90
	36	18	21.17	20.88	20.93
	36	37	20.90	20.93	20.95
	75	0	21.04	20.81	19.82
256QAM	1	0	17.84	17.87	17.93
	1	36	17.72	17.89	17.92
	1	74	17.91	17.89	17.91
	36	0	18.00	17.94	17.79
	36	18	17.90	17.88	17.87
	36	37	17.92	17.91	17.81
	75	0	17.81	17.84	17.79

(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 Band66 20MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			132072	132322	132572
			(1 720.0 MHz)	(1 745.0 MHz)	(1 770.0 MHz)
			Conducted Output Power		
			(dB m)	(dB m)	(dB m)
QPSK	1	0	22.60	22.59	22.72
	1	50	22.89	22.73	22.82
	1	99	23.00	23.12	23.04
	50	0	22.78	22.76	22.70
	50	25	22.72	22.77	22.69
	50	13	22.93	23.05	22.94
	100	0	21.85	21.87	21.97
16QAM	1	0	22.02	22.03	22.01
	1	50	21.92	22.05	22.10
	1	99	22.04	22.00	22.03
	50	0	21.91	21.95	21.84
	50	25	21.81	21.76	21.87
	50	50	22.00	21.97	21.84
	100	0	20.87	20.92	20.88
64QAM	1	0	20.95	21.05	21.00
	1	50	21.01	20.95	21.08
	1	99	20.96	20.95	20.94
	50	0	20.95	20.83	20.86
	50	25	20.91	20.80	20.96
	50	50	20.93	21.03	20.96
	100	0	19.88	19.98	19.92
256QAM	1	0	18.01	17.99	17.86
	1	50	18.13	18.22	18.23
	1	99	17.98	17.98	18.00
	50	0	17.85	17.87	17.90
	50	25	17.83	17.85	17.88
	50	50	17.47	17.31	17.46
	100	0	18.00	17.82	17.82

(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.)

Appendix E.2.9 LTE Band 71 Ant 1,3

LTE Band71 5MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			133147	133297	133447
			(665.5 MHz)	(680.5 MHz)	(695.5 MHz)
			Conducted Output Power		
			(dB m)	(dB m)	(dB m)
QPSK	1	0	22.71	23.04	23.02
	1	12	22.87	22.93	23.24
	1	24	22.71	23.09	22.82
	12	0	21.84	21.88	23.04
	12	6	21.90	21.89	23.19
	12	13	21.87	21.88	23.00
	25	0	21.81	21.98	23.09
16QAM	1	0	21.86	22.64	22.13
	1	12	21.92	22.39	22.21
	1	24	22.01	22.71	22.04
	12	0	20.75	21.00	22.29
	12	6	20.93	20.95	22.34
	12	13	20.91	20.99	22.14
	25	0	20.94	21.05	22.22
64QAM	1	0	21.24	21.38	21.11
	1	12	21.02	20.81	21.35
	1	24	21.15	21.27	21.43
	12	0	19.77	19.91	21.25
	12	6	20.00	19.99	21.43
	12	13	19.88	19.97	21.29
	25	0	19.98	19.94	21.08
256QAM	1	0	18.13	18.43	17.88
	1	12	17.94	17.96	18.16
	1	24	17.69	18.08	18.00
	12	0	17.80	18.00	18.22
	12	6	17.89	17.96	18.04
	12	13	17.89	17.88	18.32
	25	0	17.92	17.98	18.33

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LTE Band71 10MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			133172	133297	133422
			(668.0 MHz)	(680.5 MHz)	(693.0 MHz)
			Conducted Output Power		
			(dB m)	(dB m)	(dB m)
QPSK	1	0	22.73	22.87	22.87
	1	25	22.84	23.03	23.03
	1	49	22.74	23.21	22.97
	25	0	22.86	22.11	22.01
	25	12	23.05	21.97	22.01
	25	25	23.00	22.06	22.04
	50	0	21.93	22.04	22.03
16QAM	1	0	22.37	21.98	22.36
	1	25	22.76	22.36	22.37
	1	49	22.20	22.26	22.35
	25	0	22.04	21.04	21.08
	25	12	22.01	21.02	21.03
	25	25	21.80	21.15	21.01
	50	0	21.04	20.99	21.08
64QAM	1	0	20.88	21.43	21.18
	1	25	21.17	21.21	21.25
	1	49	20.84	21.10	21.33
	25	0	21.10	20.03	20.06
	25	12	21.06	20.06	20.06
	25	25	20.96	20.13	20.03
	50	0	19.88	20.04	20.08
256QAM	1	0	18.02	17.92	17.98
	1	25	18.40	18.35	18.32
	1	49	18.07	18.15	18.19
	25	0	17.90	18.10	18.12
	25	12	18.07	18.01	18.12
	25	25	17.98	18.00	18.05
	50	0	18.01	18.05	18.06

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LTE Band71 15MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			133197	133297	133397
			(670.5 MHz)	(680.5 MHz)	(690.5 MHz)
			Conducted Output Power		
			(dB m)	(dB m)	(dB m)
QPSK	1	0	23.22	23.24	22.93
	1	36	22.88	23.08	22.92
	1	74	22.83	22.96	22.92
	36	0	22.80	21.90	22.00
	36	18	22.82	21.99	21.98
	36	37	22.83	22.02	22.04
	75	0	21.85	21.93	22.02
16QAM	1	0	21.98	22.19	21.89
	1	36	22.08	22.11	22.55
	1	74	22.07	22.14	21.97
	36	0	21.97	20.93	20.94
	36	18	21.91	21.02	21.04
	36	37	22.01	20.99	20.96
	75	0	20.73	20.96	20.97
64QAM	1	0	20.95	21.34	20.95
	1	36	21.25	21.13	21.24
	1	74	21.17	21.19	21.11
	36	0	20.82	19.99	20.00
	36	18	20.94	20.02	19.97
	36	37	21.05	19.99	19.93
	75	0	19.81	20.05	20.02
256QAM	1	0	17.92	17.90	18.13
	1	36	18.01	18.12	18.19
	1	74	18.04	18.02	18.15
	36	0	17.98	18.08	18.11
	36	18	17.95	18.07	18.10
	36	37	18.11	17.97	18.07
	75	0	17.98	18.03	17.93

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LTE Band71 20MHz Bandwidth					
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel
			133222	133297	133372
			(673.0 MHz)	(680.5 MHz)	(688.0 MHz)
			Conducted Output Power		
			(dB m)	(dB m)	(dB m)
QPSK	1	0	22.96	22.96	22.92
	1	50	22.90	22.97	22.99
	1	99	22.91	23.39	23.09
	50	0	23.00	23.22	22.87
	50	25	22.97	22.03	22.02
	50	13	22.85	22.07	21.98
	100	0	21.87	21.95	21.89
16QAM	1	0	22.00	22.01	22.11
	1	50	22.40	22.26	22.31
	1	99	22.32	22.06	22.31
	50	0	22.03	20.87	21.06
	50	25	21.91	20.86	21.05
	50	50	22.19	20.97	21.07
	100	0	20.95	20.93	20.99
64QAM	1	0	20.60	21.38	21.03
	1	50	20.82	21.23	21.45
	1	99	21.21	21.07	21.63
	50	0	20.99	19.95	20.00
	50	25	20.93	19.90	20.00
	50	50	21.03	20.03	20.09
	100	0	19.98	19.95	20.10
256QAM	1	0	17.94	18.20	17.83
	1	50	18.34	18.08	18.10
	1	99	18.27	18.15	18.35
	50	0	17.99	18.04	18.06
	50	25	18.02	18.01	18.09
	50	50	17.99	18.08	18.13
	100	0	18.02	18.10	18.11

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Appendix E.3 5G NR Conducted Power

Appendix E.3.1 5G NR n5 Ant1,3

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 165300 (826.5 MHz)	Mid Channel 167300 (836.5 MHz)	High Channel 169300 (846.5 MHz)
n5	15	5	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	22.90	22.84	22.74
				QPSK		1	1	22.90	22.84	22.70
				16QAM		1	1	21.80	21.70	21.63
				64QAM		1	1	20.40	20.38	20.28
				256QAM		1	1	17.80	17.70	17.68
				Pi/2 BPSK	Inner_1RB Right	1	23	22.70	22.71	22.69
				QPSK		1	23	22.80	22.74	22.74
				Pi/2 BPSK	Inner_Full	12	6	22.80	22.68	22.64
				QPSK		12	6	22.80	22.72	22.64
				Pi/2 BPSK	Outer_Full	25	0	21.90	21.76	21.71
				QPSK		25	0	21.90	21.80	21.69
				Pi/2 BPSK	Edge_1RB Left	1	0	21.90	21.84	21.69
				QPSK		1	0	21.80	21.83	21.73
				Pi/2 BPSK	Edge_Full Left	2	0	21.90	22.34	21.77
				QPSK		2	0	21.90	21.83	21.73
				Pi/2 BPSK	Edge_1RB Right	1	24	21.70	21.70	21.70
				QPSK		1	24	21.70	21.73	21.70
				Pi/2 BPSK	Edge_Full Right	2	23	21.80	21.75	21.71
				QPSK		2	23	21.80	21.75	21.77
			CP-OFDM	QPSK	Inner_1RB Left	1	1	21.50	21.40	21.39

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 165800 (829 MHz)	Mid Channel 167300 (836.5 MHz)	High Channel 168800 (844 MHz)
n5	15	10	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	22.63	22.86	22.72
				QPSK		1	1	22.60	22.89	22.71
				16QAM		1	1	21.67	21.78	21.74
				64QAM		1	1	20.03	20.48	20.19
				256QAM		1	1	17.76	17.86	17.71
				Pi/2 BPSK	Inner_1RB Right	1	50	22.76	22.68	22.83
				QPSK		1	50	22.61	22.70	22.66
				Pi/2 BPSK	Inner_Full	25	12	22.70	22.73	22.88
				QPSK		25	12	22.68	22.75	22.83
				Pi/2 BPSK	Outer_Full	50	0	22.31	21.80	22.38
				QPSK		50	0	21.85	21.84	21.82
				Pi/2 BPSK	Edge_1RB Left	1	0	22.07	21.80	22.19
				QPSK		1	0	21.59	21.85	21.76
				Pi/2 BPSK	Edge_Full Left	2	0	22.15	22.37	22.35
				QPSK		2	0	21.75	21.82	21.87
				Pi/2 BPSK	Edge_1RB Right	1	51	22.09	21.57	22.16
				QPSK		1	51	21.63	21.62	21.69
				Pi/2 BPSK	Edge_Full Right	2	50	22.19	21.59	22.38
				QPSK		2	50	21.78	21.67	21.76
			CP-OFDM	QPSK	Inner_1RB Left	1	1	21.08	21.50	21.23

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Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 166300 (831.5 MHz)	Mid Channel 167300 (836.5 MHz)	High Channel 168300 (841.5 MHz)
n5	15	15	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	22.80	22.86	22.79
				QPSK		1	1	22.90	22.84	22.79
				16QAM		1	1	21.70	21.74	21.69
				64QAM		1	1	20.40	20.42	20.42
				256QAM		1	1	18.00	17.88	17.86
				Pi/2 BPSK	Inner_1RB Right	1	77	22.80	22.77	22.60
				QPSK		1	77	22.80	22.79	22.62
				Pi/2 BPSK	Inner_Full	36	18	22.90	22.78	22.75
				QPSK		36	18	22.80	22.84	22.78
				Pi/2 BPSK	Outer_Full	75	0	21.90	21.80	21.73
				QPSK		75	0	21.80	21.78	21.78
				Pi/2 BPSK	Edge_1RB Left	1	0	21.80	21.75	21.78
				QPSK		1	0	21.80	21.81	21.74
				Pi/2 BPSK	Edge_Full Left	2	0	22.30	22.26	21.78
				QPSK		2	0	21.90	21.82	21.81
				Pi/2 BPSK	Edge_1RB Right	1	78	21.80	21.68	21.65
				QPSK		1	78	21.70	21.68	21.61
				Pi/2 BPSK	Edge_Full Right	2	77	21.80	21.70	21.69
				QPSK		2	77	21.80	21.76	21.58
			CP-OFDM	QPSK	Inner_1RB Left	1	1	21.50	21.49	21.49

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 166800 (834 MHz)	Mid Channel 167300 (836.5 MHz)	High Channel 167800 (839 MHz)
n5	15	20	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	22.91	22.92	22.90
				QPSK		1	1	22.92	23.01	22.95
				16QAM		1	1	21.70	21.77	21.75
				64QAM		1	1	20.14	20.50	20.41
				256QAM		1	1	17.90	17.88	17.82
				Pi/2 BPSK	Inner_1RB Right	1	104	22.70	22.73	22.62
				QPSK		1	104	22.70	22.74	22.65
				Pi/2 BPSK	Inner_Full	50	25	22.80	22.83	22.79
				QPSK		50	25	22.82	22.84	22.84
				Pi/2 BPSK	Outer_Full	100	0	21.80	21.83	21.82
				QPSK		100	0	21.80	21.85	21.87
				Pi/2 BPSK	Edge_1RB Left	1	0	21.80	21.82	21.79
				QPSK		1	0	21.80	21.82	21.75
				Pi/2 BPSK	Edge_Full Left	2	0	22.28	21.80	22.25
				QPSK		2	0	21.80	21.83	21.80
				Pi/2 BPSK	Edge_1RB Right	1	105	21.60	21.63	21.53
				QPSK		1	105	21.70	21.63	21.50
				Pi/2 BPSK	Edge_Full Right	2	104	21.70	21.67	21.54
				QPSK		2	104	21.70	21.65	21.60
			CP-OFDM	QPSK	Inner_1RB Left	1	1	21.50	20.07	21.48

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Appendix E.3.2 5G NR n7 Ant1,3

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	23.53	23.78	23.48
				QPSK		1	1	23.54	23.81	23.52
				16QAM		1	1	22.41	22.67	22.33
				64QAM		1	1	21.19	21.39	21.12
				256QAM		1	1	18.55	18.81	18.53
				Pi/2 BPSK	Inner_1RB Right	1	23	23.54	23.76	23.49
				QPSK		1	23	23.54	23.75	23.46
				Pi/2 BPSK	Inner_Full	12	6	23.47	23.72	23.41
				QPSK		12	6	23.50	23.71	23.41
				Pi/2 BPSK	Outer_Full	25	0	22.52	22.73	22.44
				QPSK		25	0	22.56	22.79	22.47
				Pi/2 BPSK	Edge_1RB Left	1	0	22.54	22.81	22.43
				QPSK		1	0	22.52	22.79	22.54
				Pi/2 BPSK	Edge_Full Left	2	0	22.55	22.80	22.40
				QPSK		2	0	22.55	22.81	22.56
				Pi/2 BPSK	Edge_1RB Right	1	24	22.61	22.73	22.41
				QPSK		1	24	22.54	22.78	22.45
				Pi/2 BPSK	Edge_Full Right	2	23	22.62	22.72	22.39
				QPSK		2	23	22.51	22.77	22.48
			CP-OFDM	QPSK	Inner_1RB Left	1	1	22.25	22.45	22.18

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	23.62	23.83	23.10
				QPSK		1	1	23.68	23.84	23.14
				16QAM		1	1	22.54	22.75	22.00
				64QAM		1	1	21.31	21.54	20.72
				256QAM		1	1	18.73	18.94	18.16
				Pi/2 BPSK	Inner_1RB Right	1	50	23.72	23.77	23.12
				QPSK		1	50	23.74	23.76	23.17
				Pi/2 BPSK	Inner_Full	25	12	23.56	23.75	23.04
				QPSK		25	12	23.64	23.78	23.12
				Pi/2 BPSK	Outer_Full	50	0	22.76	22.82	22.08
				QPSK		50	0	22.70	22.85	22.16
				Pi/2 BPSK	Edge_1RB Left	1	0	22.36	22.74	22.05
				QPSK		1	0	22.60	22.77	22.10
				Pi/2 BPSK	Edge_Full Left	2	0	22.59	22.76	22.82
				QPSK		2	0	22.62	22.79	22.10
				Pi/2 BPSK	Edge_1RB Right	1	51	22.35	22.69	22.02
				QPSK		1	51	22.72	22.72	22.06
				Pi/2 BPSK	Edge_Full Right	2	50	22.46	22.72	22.00
				QPSK		2	50	22.74	22.70	22.08
			CP-OFDM	QPSK	Inner_1RB Left	1	1	22.34	22.54	21.73

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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	23.49	23.26	23.08
				QPSK		1	1	23.54	23.32	23.14
				16QAM		1	1	22.44	22.21	22.03
				64QAM		1	1	21.19	20.96	20.81
				256QAM		1	1	18.70	18.43	18.21
				Pi/2 BPSK	Inner_1RB Right	1	77	23.30	23.09	23.10
				QPSK		1	77	23.36	23.12	23.16
				Pi/2 BPSK	Inner_Full	36	18	23.29	23.16	23.08
				QPSK		36	18	23.42	23.18	23.07
				Pi/2 BPSK	Outer_Full	75	0	22.18	22.15	22.08
				QPSK		75	0	22.36	22.19	22.07
				Pi/2 BPSK	Edge_1RB Left	1	0	22.27	22.20	21.99
				QPSK		1	0	22.47	22.23	22.12
				Pi/2 BPSK	Edge_Full Left	2	0	20.23	22.21	22.00
				QPSK		2	0	22.50	22.24	22.11
				Pi/2 BPSK	Edge_1RB Right	1	78	21.97	21.99	22.00
				QPSK		1	78	22.31	22.07	22.04
				Pi/2 BPSK	Edge_Full Right	2	77	21.81	21.99	22.01
				QPSK		2	77	22.30	22.02	22.10
			CP-OFDM	QPSK	Inner_1RB Left	1	1	22.20	21.97	21.81

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	23.75	23.85	23.76
				QPSK		1	1	23.57	23.30	23.23
				16QAM		1	1	22.40	22.20	22.12
				64QAM		1	1	21.13	20.95	20.90
				256QAM		1	1	18.73	18.36	18.22
				Pi/2 BPSK	Inner_1RB Right	1	104	23.32	23.13	23.11
				QPSK		1	104	23.30	23.15	23.15
				Pi/2 BPSK	Inner_Full	50	25	23.65	23.79	23.31
				QPSK		50	25	23.42	23.53	23.14
				Pi/2 BPSK	Outer_Full	100	0	22.50	22.22	22.10
				QPSK		100	0	22.39	22.24	22.15
				Pi/2 BPSK	Edge_1RB Left	1	0	22.46	22.19	22.10
				QPSK		1	0	22.50	22.27	22.15
				Pi/2 BPSK	Edge_Full Left	2	0	22.22	22.22	22.17
				QPSK		2	0	22.51	22.27	22.12
				Pi/2 BPSK	Edge_1RB Right	1	105	22.20	22.03	22.04
				QPSK		1	105	22.26	22.05	22.09
				Pi/2 BPSK	Edge_Full Right	2	104	20.43	22.05	22.04
				QPSK		2	104	22.27	22.08	22.06
			CP-OFDM	QPSK	Inner_1RB Left	1	1	22.17	21.96	21.79

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Appendix E.3.3 5G NR n12 Ant1,3

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	22.80	22.72	22.58
				QPSK		1	1	22.85	22.80	22.71
				16QAM		1	1	21.72	21.73	21.53
				64QAM		1	1	20.45	20.41	20.21
				256QAM		1	1	17.79	17.74	17.61
				Pi/2 BPSK	Inner_1RB Right	1	23	22.74	22.60	22.63
				QPSK		1	23	22.94	22.80	22.67
				Pi/2 BPSK	Inner_Full	12	6	22.92	22.73	22.68
				QPSK		12	6	22.88	22.73	22.64
				Pi/2 BPSK	Outer_Full	25	0	21.89	21.77	21.71
				QPSK		25	0	21.90	21.74	21.71
				Pi/2 BPSK	Edge_1RB Left	1	0	22.00	21.64	21.74
				QPSK		1	0	21.94	21.89	21.81
				Pi/2 BPSK	Edge_Full Left	2	0	21.95	21.77	21.85
				QPSK		2	0	21.96	21.95	21.84
				Pi/2 BPSK	Edge_1RB Right	1	24	21.94	21.66	21.58
				QPSK		1	24	22.01	21.66	21.79
				Pi/2 BPSK	Edge_Full Right	2	23	22.05	21.81	21.74
				QPSK		2	23	22.05	21.86	21.85
			CP-OFDM	QPSK	Inner_1RB Left	1	1	21.46	21.41	21.28

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	22.76	22.80	22.68
				QPSK		1	1	22.85	22.92	22.81
				16QAM		1	1	21.72	21.78	21.63
				64QAM		1	1	20.45	20.53	20.38
				256QAM		1	1	17.81	17.89	17.80
				Pi/2 BPSK	Inner_1RB Right	1	50	22.63	22.59	22.60
				QPSK		1	50	22.81	22.71	22.65
				Pi/2 BPSK	Inner_Full	25	12	22.82	22.86	22.82
				QPSK		25	12	22.79	22.91	22.81
				Pi/2 BPSK	Outer_Full	50	0	21.83	21.84	21.69
				QPSK		50	0	21.85	21.80	21.73
				Pi/2 BPSK	Edge_1RB Left	1	0	21.73	21.78	21.86
				QPSK		1	0	21.86	21.87	21.95
				Pi/2 BPSK	Edge_Full Left	2	0	21.87	21.95	21.93
				QPSK		2	0	21.86	21.94	21.92
				Pi/2 BPSK	Edge_1RB Right	1	51	21.71	21.67	21.70
				QPSK		1	51	21.78	21.71	21.78
				Pi/2 BPSK	Edge_Full Right	2	50	21.80	21.81	21.72
				QPSK		2	50	21.81	21.81	21.72
			CP-OFDM	QPSK	Inner_1RB Left	1	1	21.43	21.51	21.40

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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	22.83	22.82	22.76
				QPSK		1	1	22.95	22.96	22.84
				16QAM		1	1	21.84	21.85	21.74
				64QAM		1	1	20.54	20.54	20.48
				256QAM		1	1	17.95	17.87	17.89
				Pi/2 BPSK	Inner_1RB Right	1	77	22.75	22.72	22.61
				QPSK		1	77	22.76	22.71	22.74
				Pi/2 BPSK	Inner_Full	36	18	22.80	22.84	22.80
				QPSK		36	18	22.83	22.94	22.81
				Pi/2 BPSK	Outer_Full	75	0	21.84	21.85	21.75
				QPSK		75	0	21.82	21.80	21.79
				Pi/2 BPSK	Edge_1RB Left	1	0	21.77	21.80	21.79
				QPSK		1	0	21.86	21.77	21.86
				Pi/2 BPSK	Edge_Full Left	2	0	21.85	21.68	21.84
				QPSK		2	0	21.87	21.75	21.81
				Pi/2 BPSK	Edge_1RB Right	1	78	21.72	21.66	21.65
				QPSK		1	78	21.70	21.86	21.73
				Pi/2 BPSK	Edge_Full Right	2	77	21.77	21.75	21.79
				QPSK		2	77	21.78	21.85	21.79
			CP-OFDM	QPSK	Inner_1RB Left	1	1	21.55	21.55	21.48

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Appendix E.3.4 5G NR n25 Ant1,3

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	23.56	23.45	23.46
				QPSK		1	1	23.59	23.54	23.51
				16QAM		1	1	22.55	22.43	22.41
				64QAM		1	1	21.21	21.09	21.06
				256QAM		1	1	18.54	18.51	18.41
				Pi/2 BPSK	Inner_1RB Right	1	23	23.57	23.44	23.40
				QPSK		1	23	23.59	23.44	23.45
				Pi/2 BPSK	Inner_Full	12	6	23.52	23.40	23.41
				QPSK		12	6	23.53	23.46	23.43
				Pi/2 BPSK	Outer_Full	25	0	22.69	22.68	22.47
				QPSK		25	0	22.62	22.47	22.50
				Pi/2 BPSK	Edge_1RB Left	1	0	22.58	22.59	22.48
				QPSK		1	0	22.61	22.52	22.52
				Pi/2 BPSK	Edge_Full Left	2	0	22.63	22.62	22.48
				QPSK		2	0	22.65	22.54	22.52
				Pi/2 BPSK	Edge_1RB Right	1	24	22.62	22.69	22.43
				QPSK		1	24	22.57	22.43	22.44
				Pi/2 BPSK	Edge_Full Right	2	23	22.65	22.34	22.40
				QPSK		2	23	22.57	22.46	22.46
			CP-OFDM	QPSK	Inner_1RB Left	1	1	22.17	22.16	22.07

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	23.55	23.62	23.50
				QPSK		1	1	23.54	23.70	23.50
				16QAM		1	1	22.72	22.58	22.45
				64QAM		1	1	21.36	21.28	21.17
				256QAM		1	1	18.72	18.66	18.57
				Pi/2 BPSK	Inner_1RB Right	1	50	23.53	23.41	23.44
				QPSK		1	50	23.56	23.51	23.44
				Pi/2 BPSK	Inner_Full	25	12	23.51	23.50	23.43
				QPSK		25	12	23.54	23.53	23.44
				Pi/2 BPSK	Outer_Full	50	0	22.79	22.55	22.46
				QPSK		50	0	22.82	22.59	22.46
				Pi/2 BPSK	Edge_1RB Left	1	0	22.66	22.59	22.45
				QPSK		1	0	22.65	22.62	22.48
				Pi/2 BPSK	Edge_Full Left	2	0	22.45	22.57	22.01
				QPSK		2	0	22.75	22.61	22.50
				Pi/2 BPSK	Edge_1RB Right	1	51	22.62	22.40	22.42
				QPSK		1	51	22.66	22.37	22.43
				Pi/2 BPSK	Edge_Full Right	2	50	22.67	22.42	22.38
				QPSK		2	50	22.74	22.46	22.46
			CP-OFDM	QPSK	Inner_1RB Left	1	1	22.39	22.29	22.40

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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	23.53	23.55	23.49
				QPSK		1	1	23.53	23.56	23.53
				16QAM		1	1	22.76	22.75	22.42
				64QAM		1	1	21.42	21.47	21.17
				256QAM		1	1	18.81	18.82	18.58
				Pi/2 BPSK	Inner_1RB Right	1	77	23.57	23.50	23.48
				QPSK		1	77	23.58	23.52	23.51
				Pi/2 BPSK	Inner_Full	36	18	23.52	23.58	23.46
				QPSK		36	18	23.51	23.55	23.51
				Pi/2 BPSK	Outer_Full	75	0	22.67	22.63	22.45
				QPSK		75	0	22.73	22.65	22.50
				Pi/2 BPSK	Edge_1RB Left	1	0	22.74	22.77	22.44
				QPSK		1	0	22.82	22.77	22.51
				Pi/2 BPSK	Edge_Full Left	2	0	22.85	22.80	22.85
				QPSK		2	0	22.78	22.80	22.47
				Pi/2 BPSK	Edge_1RB Right	1	78	22.68	22.52	22.45
				QPSK		1	78	22.72	22.58	22.46
				Pi/2 BPSK	Edge_Full Right	2	77	22.47	22.57	22.46
				QPSK		2	77	22.73	22.63	22.49
			CP-OFDM	QPSK	Inner_1RB Left	1	1	22.48	22.49	22.09

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	23.59	23.68	23.65
				QPSK		1	1	23.68	23.74	23.70
				16QAM		1	1	23.52	23.58	23.53
				64QAM		1	1	23.53	23.63	23.56
				256QAM		1	1	18.79	18.77	18.76
				Pi/2 BPSK	Inner_1RB Right	1	104	23.66	23.67	23.59
				QPSK		1	104	22.62	22.60	22.62
				Pi/2 BPSK	Inner_Full	50	25	22.69	22.63	22.60
				QPSK		50	25	22.55	22.62	22.58
				Pi/2 BPSK	Outer_Full	100	0	22.59	22.69	22.67
				QPSK		100	0	20.73	20.73	22.60
				Pi/2 BPSK	Edge_1RB Left	1	0	22.62	22.69	22.62
				QPSK		1	0	22.64	22.54	22.46
				Pi/2 BPSK	Edge_Full Left	2	0	22.63	22.55	22.43
				QPSK		2	0	22.66	22.56	22.45
				Pi/2 BPSK	Edge_1RB Right	1	105	22.63	22.54	22.45
				QPSK		1	105	22.42	22.39	22.42
				Pi/2 BPSK	Edge_Full Right	2	104	23.59	23.68	23.65
				QPSK		2	104	23.68	23.74	23.70
			CP-OFDM	QPSK	Inner_1RB Left	1	1	23.52	23.58	23.53

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Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 372500 (1862.5 MHz)	Mid Channel 376500 (1882.5 MHz)	High Channel 380500 (1902.5 MHz)
n25	15	25	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	23.57	23.66	23.49
				QPSK		1	1	23.58	23.66	23.65
				16QAM		1	1	22.66	22.76	22.69
				64QAM		1	1	21.51	21.54	21.54
				256QAM		1	1	19.68	19.13	19.05
				Pi/2 BPSK	Inner_1RB Right	1	131	23.59	23.69	23.42
				QPSK		1	131	23.66	23.73	23.42
				Pi/2 BPSK	Inner_Full	64	32	23.65	23.73	23.60
				QPSK		64	32	23.64	23.72	23.61
				Pi/2 BPSK	Outer_Full	128	0	22.74	22.82	22.85
				QPSK		128	0	22.75	22.81	22.84
				Pi/2 BPSK	Edge_1RB Left	1	0	22.68	22.85	22.73
				QPSK		1	0	22.84	22.79	22.90
				Pi/2 BPSK	Edge_Full Left	2	0	22.87	22.82	22.89
				QPSK		2	0	22.77	22.75	22.85
				Pi/2 BPSK	Edge_1RB Right	1	132	22.63	22.50	22.79
				QPSK		1	132	22.79	22.59	22.78
				Pi/2 BPSK	Edge_Full Right	2	131	22.75	22.99	22.74
				QPSK		2	131	22.71	22.98	22.67
			CP-OFDM	QPSK	Inner_1RB Left	1	1	22.48	22.36	22.50

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 373000 (1865 MHz)	Mid Channel 376500 (1882.5 MHz)	High Channel 380000 (1900 MHz)
				QPSK		1	1	23.65	23.67	23.45
				16QAM		1	1	22.32	22.58	22.66
				64QAM		1	1	21.17	21.50	21.35
				256QAM		1	1	18.84	18.92	19.01
				Pi/2 BPSK	Inner_1RB Right	1	158	23.24	23.58	23.42
				QPSK		1	158	23.46	23.66	23.23
				Pi/2 BPSK	Inner_Full	80	40	23.61	23.61	23.47
				QPSK		80	40	23.64	23.62	23.56
				Pi/2 BPSK	Outer_Full	160	0	22.71	22.72	22.81
				QPSK		160	0	22.68	22.67	22.67
				Pi/2 BPSK	Edge_1RB Left	1	0	22.41	22.60	22.69
				QPSK		1	0	22.54	22.83	22.77
				Pi/2 BPSK	Edge_Full Left	2	0	22.74	22.89	22.83
				QPSK		2	0	22.64	22.85	22.77
				Pi/2 BPSK	Edge_1RB Right	1	159	22.61	22.71	22.78
				QPSK		1	159	22.78	22.83	22.66
				Pi/2 BPSK	Edge_Full Right	2	158	22.78	22.85	22.59
				QPSK		2	158	22.74	22.81	22.55
			CP-OFDM	QPSK	Inner_1RB Left	1	1	22.45	22.59	22.44

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Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 374000 (1870 MHz)	Mid Channel 376500 (1882.5 MHz)	High Channel 379000 (1895 MHz)
				QPSK		1	1	23.74	23.75	23.71
				16QAM		1	1	22.60	22.66	22.66
				64QAM		1	1	21.60	21.53	21.48
				256QAM		1	1	18.97	18.99	18.99
				Pi/2 BPSK	Inner_1RB Right	1	214	23.58	23.60	23.27
				QPSK		1	214	23.69	23.67	23.29
				Pi/2 BPSK	Inner_Full	108	54	23.65	23.60	23.63
				QPSK		108	54	23.67	23.68	23.68
				Pi/2 BPSK	Outer_Full	216	0	22.81	22.82	22.83
				QPSK		216	0	22.80	22.81	22.93
				Pi/2 BPSK	Edge_1RB Left	1	0	22.60	22.65	22.54
				QPSK		1	0	22.83	22.84	22.77
				Pi/2 BPSK	Edge_Full Left	2	0	22.86	22.90	22.73
				QPSK		2	0	22.80	22.88	22.74
				Pi/2 BPSK	Edge_1RB Right	1	215	22.68	22.75	22.22
				QPSK		1	215	22.85	22.90	22.32
				Pi/2 BPSK	Edge_Full Right	2	214	22.87	22.95	22.45
				QPSK		2	214	22.84	22.86	22.37
			CP-OFDM	QPSK	Inner_1RB Left	1	1	22.39	22.31	22.45

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Appendix E.3.5 5G NR n41 Ant1,3

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 501204 (2506.02 MHz)	Low-Mid Channel 509898 (2549.49 MHz)	Mid Channel 518598 (2592.99 MHz)	Mid-High Channel 527298 (2636.49 MHz)	High Channel 535998 (2679.99 MHz)
n41	30	20	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	23.23	23.82	23.83	23.72	23.50
				QPSK		1	1	23.17	23.74	23.93	23.65	23.46
				16QAM		1	1	21.93	22.42	22.57	22.34	22.29
				64QAM		1	1	20.78	21.26	21.47	21.08	21.23
				256QAM		1	1	18.62	18.98	19.36	18.83	19.13
				Pi/2 BPSK	Inner_1RB Right	1	49	23.34	23.50	23.83	23.49	23.72
				QPSK		1	49	23.34	23.40	23.79	23.23	23.67
				Pi/2 BPSK	Inner_Full	25	12	23.50	23.88	23.69	23.79	23.61
				QPSK		25	12	23.46	23.74	24.02	23.55	23.62
				Pi/2 BPSK	Outer_Full	50	0	22.97	23.27	23.54	23.19	23.37
				QPSK		50	0	22.45	22.66	23.04	22.50	23.09
				Pi/2 BPSK	Edge_1RB Left	1	0	22.56	23.16	23.35	23.03	23.09
				QPSK		1	0	22.06	22.69	22.86	22.54	22.62
				Pi/2 BPSK	Edge_Full Left	2	0	22.67	23.26	23.50	23.24	23.19
				QPSK		2	0	22.19	22.77	23.00	22.66	22.70
				Pi/2 BPSK	Edge_1RB Right	1	50	22.76	22.78	23.28	22.76	23.36
				QPSK		1	50	22.23	22.30	22.78	22.17	22.89
				Pi/2 BPSK	Edge_Full Right	2	49	22.77	22.88	23.37	22.85	23.46
				QPSK		2	49	22.28	22.38	22.87	22.27	22.97
			CP-OFDM	QPSK	Inner_1RB Left	1	1	21.86	23.79	22.56	23.65	21.57

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 502200 (2511 MHz)	Low-Mid Channel 510402 (2552.01 MHz)	Mid Channel 518598 (2592.99 MHz)	Mid-High Channel 526800 (2634 MHz)	High Channel 534996 (2674.98 MHz)
n41	30	30	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	23.53	23.90	24.14	23.62	23.65
				QPSK		1	1	23.49	23.91	24.08	23.73	23.60
				16QAM		1	1	22.18	22.58	22.75	22.35	22.45
				64QAM		1	1	21.08	21.38	21.67	21.26	21.40
				256QAM		1	1	18.82	19.26	19.43	18.98	19.26
				Pi/2 BPSK	Inner_1RB Right	1	76	23.63	23.51	23.91	23.43	23.06
				QPSK		1	76	23.59	23.46	23.87	23.35	23.01
				Pi/2 BPSK	Inner_Full	36	18	23.84	23.94	24.08	23.69	23.30
				QPSK		36	18	23.74	23.82	24.01	23.73	23.51
				Pi/2 BPSK	Outer_Full	75	0	23.24	23.41	23.69	23.14	23.33
				QPSK		75	0	22.67	22.88	23.15	22.60	23.12
				Pi/2 BPSK	Edge_1RB Left	1	0	23.00	23.34	23.58	23.10	23.45
				QPSK		1	0	22.48	22.87	23.09	22.51	22.91
				Pi/2 BPSK	Edge_Full Left	2	0	23.02	23.45	23.67	23.25	23.54
				QPSK		2	0	22.52	22.89	23.19	22.62	23.04
				Pi/2 BPSK	Edge_1RB Right	1	77	23.03	22.90	23.34	22.65	23.09
				QPSK		1	77	22.56	22.40	22.87	22.28	22.63
				Pi/2 BPSK	Edge_Full Right	2	76	23.13	22.98	23.45	22.81	23.21
				QPSK		2	76	22.64	22.48	22.95	22.34	22.72
			CP-OFDM	QPSK	Inner_1RB Left	1	1	22.11	22.51	22.69	22.76	22.74

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Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 503202 (2516.01 MHz)	Low-Mid Channel 513468 (2567.34 MHz)	N/A	Mid-High Channel 523734 (2618.67 MHz)	High Channel 534000 (2670 MHz)
n41	30	40	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	23.53	23.81		24.03	23.71
				QPSK		1	1	23.47	23.70		24.02	23.60
				16QAM		1	1	22.11	22.41		22.65	22.45
				64QAM		1	1	21.00	21.11		21.55	21.42
				256QAM		1	1	18.68	18.90		19.27	19.38
				Pi/2 BPSK	Inner_1RB Right	1	104	23.46	23.49		23.67	23.01
				QPSK		1	104	23.42	23.34		23.68	22.96
				Pi/2 BPSK	Inner_Full	50	25	23.86	23.71		24.01	23.33
				QPSK		50	25	23.76	23.66		23.98	23.37
				Pi/2 BPSK	Outer_Full	100	0	23.21	23.11		23.64	23.06
				QPSK		100	0	22.73	22.54		23.13	22.95
				Pi/2 BPSK	Edge_1RB Left	1	0	22.91	23.03		23.49	23.55
				QPSK		1	0	22.42	22.65		22.96	23.04
				Pi/2 BPSK	Edge_Full Left	2	0	23.01	23.21		23.59	23.53
				QPSK		2	0	22.52	22.77		23.09	23.02
				Pi/2 BPSK	Edge_1RB Right	1	105	22.87	22.59		23.14	23.05
				QPSK		1	105	22.32	22.12		22.65	22.59
				Pi/2 BPSK	Edge_Full Right	2	104	22.94	22.68		23.25	23.17
				QPSK		2	104	22.40	22.22		22.75	22.68
			CP-OFDM	QPSK	Inner_1RB Left	1	1	21.90	23.64		22.55	22.05

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 504204 (2521.02 MHz)	N/A	Mid Channel 518598 (2592.99 MHz)	N/A	High Channel 532998 (2664.99 MHz)
n41	30	50	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	23.70		24.07		24.13
				QPSK		1	1	23.72		24.02		24.07
				16QAM		1	1	22.39		22.70		22.75
				64QAM		1	1	21.22		21.54		21.59
				256QAM		1	1	18.99		19.42		19.39
				Pi/2 BPSK	Inner_1RB Right	1	131	23.54		23.69		23.57
				QPSK		1	131	23.49		23.63		23.52
				Pi/2 BPSK	Inner_Full	64	32	24.00		24.08		23.63
				QPSK		64	32	24.01		24.11		23.63
				Pi/2 BPSK	Outer_Full	128	0	23.30		23.60		23.24
				QPSK		128	0	22.89		23.15		23.13
				Pi/2 BPSK	Edge_1RB Left	1	0	23.15		23.50		23.57
				QPSK		1	0	22.67		23.02		23.06
				Pi/2 BPSK	Edge_Full Left	2	0	23.27		23.60		23.66
				QPSK		2	0	22.78		23.12		23.19
				Pi/2 BPSK	Edge_1RB Right	1	132	22.92		23.15		23.00
				QPSK		1	132	22.43		22.61		22.54
				Pi/2 BPSK	Edge_Full Right	2	131	23.02		23.17		23.11
				QPSK		2	131	22.50		22.59		22.62
			CP-OFDM	QPSK	Inner_1RB Left	1	1	22.27		22.60		22.56

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Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 505200 (2526 MHz)	N/A	Mid Channel 518598 (2592.99 MHz)	N/A	High Channel 531996 (2659.98 MHz)
				QPSK		1	1	23.39		23.92		23.87
				16QAM		1	1	22.07		22.60		22.56
				64QAM		1	1	20.87		21.46		21.42
				256QAM		1	1	18.67		19.19		19.24
				Pi/2 BPSK	Inner_1RB Right	1	160	23.26		23.43		22.86
				QPSK		1	160	23.28		23.41		22.81
				Pi/2 BPSK	Inner_Full	81	40	23.66		24.05		23.67
				QPSK		81	40	23.62		24.00		23.58
				Pi/2 BPSK	Outer_Full	162	0	23.14		23.49		23.15
				QPSK		162	0	23.10		22.96		23.08
				Pi/2 BPSK	Edge_1RB Left	1	0	22.90		23.40		23.35
				QPSK		1	0	22.35		22.88		22.88
				Pi/2 BPSK	Edge_Full Left	2	0	22.92		23.42		23.45
				QPSK		2	0	22.43		22.99		22.97
				Pi/2 BPSK	Edge_1RB Right	1	161	22.67		22.85		23.06
				QPSK		1	161	22.18		22.35		22.60
				Pi/2 BPSK	Edge_Full Right	2	160	22.77		22.93		23.17
				QPSK		2	160	22.26		22.44		22.68
			CP-OFDM	QPSK	Inner_1RB Left	1	1	22.47		22.40		22.55

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 506202 (2531.01 MHz)	N/A	N/A	N/A	High Channel 531000 (2655 MHz)
n41	30	70	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	23.61				23.97
				QPSK		1	1	23.55				23.87
				16QAM		1	1	22.24				22.71
				64QAM		1	1	21.01				21.57
				256QAM		1	1	18.86				19.37
				Pi/2 BPSK	Inner_1RB Right	1	187	23.53				22.72
				QPSK		1	187	23.39				22.65
				Pi/2 BPSK	Inner_Full	90	45	23.97				22.79
				QPSK		90	45	23.89				21.86
				Pi/2 BPSK	Outer_Full	180	0	23.59				23.62
				QPSK		180	0	23.12				23.14
				Pi/2 BPSK	Edge_1RB Left	1	0	23.03				23.55
				QPSK		1	0	22.50				23.03
				Pi/2 BPSK	Edge_Full Left	2	0	23.14				23.65
				QPSK		2	0	22.59				23.16
				Pi/2 BPSK	Edge_1RB Right	1	188	22.91				22.28
				QPSK		1	188	22.36				21.84
				Pi/2 BPSK	Edge_Full Right	2	187	22.99				22.41
				QPSK		2	187	22.49				21.94
			CP-OFDM	QPSK	Inner_1RB Left	1	1	22.10				22.48

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Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 507204 (2536.02 MHz)	N/A	N/A	N/A	High Channel 529998 (2649.99 MHz)
n41	30	80	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	23.67				23.76
				QPSK		1	1	23.61				23.69
				16QAM		1	1	22.31				22.52
				64QAM		1	1	21.10				21.52
				256QAM		1	1	18.88				19.42
				Pi/2 BPSK	Inner_1RB Right	1	215	23.66				22.04
				QPSK		1	215	23.61				21.98
				Pi/2 BPSK	Inner_Full	108	54	23.95				23.05
				QPSK		108	54	23.85				22.35
				Pi/2 BPSK	Outer_Full	216	0	23.36				23.39
				QPSK		216	0	22.91				22.72
				Pi/2 BPSK	Edge_1RB Left	1	0	23.14				23.62
				QPSK		1	0	22.62				23.13
				Pi/2 BPSK	Edge_Full Left	2	0	23.20				23.81
				QPSK		2	0	22.72				23.29
				Pi/2 BPSK	Edge_1RB Right	1	216	23.19				22.24
				QPSK		1	216	22.66				21.80
				Pi/2 BPSK	Edge_Full Right	2	215	23.16				22.36
				QPSK		2	215	22.69				21.89
			CP-OFDM	QPSK	Inner_1RB Left	1	1	22.18				22.59

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 508200 (2541 MHz)	N/A	N/A	N/A	High Channel 528996 (2644.98 MHz)
n41	30	90	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	23.78				23.49
				QPSK		1	1	23.73				23.47
				16QAM		1	1	22.46				23.17
				64QAM		1	1	21.20				21.91
				256QAM		1	1	18.98				19.68
				Pi/2 BPSK	Inner_1RB Right	1	243	24.00				23.67
				QPSK		1	243	23.93				23.60
				Pi/2 BPSK	Inner_Full	120	60	23.52				23.51
				QPSK		120	60	23.57				23.49
				Pi/2 BPSK	Outer_Full	243	0	23.38				23.83
				QPSK		243	0	22.87				23.31
				Pi/2 BPSK	Edge_1RB Left	1	0	23.32				23.81
				QPSK		1	0	22.79				23.30
				Pi/2 BPSK	Edge_Full Left	2	0	23.39				23.92
				QPSK		2	0	22.90				23.38
				Pi/2 BPSK	Edge_1RB Right	1	244	23.47				22.42
				QPSK		1	244	23.01				21.98
				Pi/2 BPSK	Edge_Full Right	2	243	23.58				22.55
				QPSK		2	243	23.10				22.08
			CP-OFDM	QPSK	Inner_1RB Left	1	1	20.90				22.16

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Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 509202 (2546.01 MHz)	N/A	Mid Channel 518598 (2592.99 MHz)	N/A	High Channel 528000 (2640 MHz)
n41	30	100	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	24.17		24.50		24.47
				QPSK		1	1	23.76		23.71		24.46
				16QAM		1	1	22.43		22.78		23.08
				64QAM		1	1	21.19		21.68		21.87
				256QAM		1	1	18.66		19.23		19.33
				Pi/2 BPSK	Inner_1RB Right	1	271	24.16		24.28		24.23
				QPSK		1	271	24.11		23.27		24.11
				Pi/2 BPSK	Inner_Full	135	67	24.03		24.10		23.68
				QPSK		135	67	23.75		23.74		23.60
				Pi/2 BPSK	Outer_Full	270	0	23.43		23.58		23.66
				QPSK		270	0	22.93		22.98		23.36
				Pi/2 BPSK	Edge_1RB Left	1	0	23.28		23.46		23.84
				QPSK		1	0	22.76		23.08		23.29
				Pi/2 BPSK	Edge_Full Left	2	0	23.33		23.62		24.00
				QPSK		2	0	22.86		23.12		23.48
				Pi/2 BPSK	Edge_1RB Right	1	272	23.57		22.80		22.41
				QPSK		1	272	23.07		22.32		21.94
				Pi/2 BPSK	Edge_Full Right	2	271	23.71		22.90		22.54
				QPSK		2	271	23.18		22.30		22.05
			CP-OFDM	QPSK	Inner_1RB Left	1	1	22.16		22.24		22.71

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Appendix E.3.6 5G NR n48 Ant2

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	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	21.33	21.59		21.20	21.45
				QPSK		1	1	21.28	21.52		21.37	21.38
				16QAM		1	1	19.80	20.02		20.00	19.91
				64QAM		1	1	18.66	18.90		18.91	18.79
				256QAM		1	1	16.49	16.54		16.71	16.41
				Pi/2 BPSK	Inner_1RB Right	1	49	21.39	21.35		21.27	21.58
				QPSK		1	49	21.37	21.28		21.15	21.40
				Pi/2 BPSK	Inner_Full	25	12	21.33	21.41		21.19	21.43
				QPSK		25	12	21.35	21.52		21.08	21.42
				Pi/2 BPSK	Outer_Full	50	0	20.43	20.76		20.14	20.77
				QPSK		50	0	20.45	20.55		20.08	20.45
				Pi/2 BPSK	Edge_1RB Left	1	0	20.14	20.54		20.31	20.35
				QPSK		1	0	20.19	20.43		20.31	20.26
				Pi/2 BPSK	Edge_Full Left	2	0	20.27	20.52		20.41	20.40
				QPSK		2	0	20.27	20.54		20.39	20.33
				Pi/2 BPSK	Edge_1RB Right	1	50	20.26	20.71		20.27	20.76
				QPSK		1	50	20.28	20.21		19.55	20.25
				Pi/2 BPSK	Edge_Full Right	2	49	20.36	20.51		20.08	20.48
				QPSK		2	49	20.37	20.30		19.61	20.34
			CP-OFDM	QPSK	Inner_1RB Left	1	1	19.90	20.15		19.90	19.92

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	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	20.79	21.23		21.27	21.25
				QPSK		1	1	20.68	21.12		21.31	21.20
				16QAM		1	1	19.56	19.66		20.16	19.91
				64QAM		1	1	18.05	18.56		19.03	18.72
				256QAM		1	1	16.17	16.21		16.77	16.21
				Pi/2 BPSK	Inner_1RB Right	1	76	20.87	21.02		21.45	21.54
				QPSK		1	76	20.85	20.79		20.69	21.35
				Pi/2 BPSK	Inner_Full	36	18	20.80	20.96		21.04	21.30
				QPSK		36	18	20.83	21.12		20.93	21.28
				Pi/2 BPSK	Outer_Full	75	0	20.01	20.27		20.34	20.64
				QPSK		75	0	19.87	20.08		19.81	20.38
				Pi/2 BPSK	Edge_1RB Left	1	0	20.17	20.18		20.17	20.28
				QPSK		1	0	19.57	20.05		20.41	20.13
				Pi/2 BPSK	Edge_Full Left	2	0	20.11	20.10		20.17	20.24
				QPSK		2	0	19.63	20.11		20.50	20.28
				Pi/2 BPSK	Edge_1RB Right	1	77	20.12	20.35		20.31	20.70
				QPSK		1	77	19.66	19.88		19.80	20.15
				Pi/2 BPSK	Edge_Full Right	2	76	20.05	20.04		20.32	20.36
				QPSK		2	76	19.67	19.93		19.92	20.22
			CP-OFDM	QPSK	Inner_1RB Left	1	1	19.26	19.68		19.91	19.75

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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)
				QPSK		1	1	21.39		21.49		21.53
				16QAM		1	1	19.78		19.99		19.82
				64QAM		1	1	18.63		18.83		18.71
				256QAM		1	1	16.40		16.73		16.43
				Pi/2 BPSK	Inner_1RB Right	1	104	21.15		21.17		21.33
				QPSK		1	104	21.17		21.16		21.30
				Pi/2 BPSK	Inner_Full	50	25	21.42		21.57		21.44
				QPSK		50	25	21.41		21.45		21.43
				Pi/2 BPSK	Outer_Full	100	0	20.49		20.70		20.48
				QPSK		100	0	20.43		20.57		20.44
				Pi/2 BPSK	Edge_1RB Left	1	0	20.21		20.41		20.28
				QPSK		1	0	20.14		20.38		20.22
				Pi/2 BPSK	Edge_Full Left	2	0	20.25		20.54		20.32
				QPSK		2	0	20.23		20.52		20.30
				Pi/2 BPSK	Edge_1RB Right	1	105	20.11		20.08		20.17
				QPSK		1	105	20.08		20.04		20.18
				Pi/2 BPSK	Edge_Full Right	2	104	20.21		20.15		20.26
				QPSK		2	104	20.17		20.14		20.29
			CP-OFDM	QPSK	Inner_1RB Left	1	1	19.96		20.29		19.86

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Appendix E.3.7 5G NR n66 Ant1,3

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	23.30	23.26	23.05
				QPSK		1	1	23.35	23.28	23.06
				16QAM		1	1	22.21	22.10	21.99
				64QAM		1	1	20.93	20.82	20.59
				256QAM		1	1	18.08	18.17	17.80
				Pi/2 BPSK	Inner_1RB Right	1	23	23.25	23.20	23.05
				QPSK		1	23	23.22	23.22	22.98
				Pi/2 BPSK	Inner_Full	12	6	23.28	23.18	23.15
				QPSK		12	6	23.24	23.20	22.97
				Pi/2 BPSK	Outer_Full	25	0	22.30	22.79	22.44
				QPSK		25	0	22.35	22.25	22.02
				Pi/2 BPSK	Edge_1RB Left	1	0	22.37	22.78	22.49
				QPSK		1	0	22.36	22.32	22.05
				Pi/2 BPSK	Edge_Full Left	2	0	22.34	22.82	22.39
				QPSK		2	0	22.36	22.35	22.09
				Pi/2 BPSK	Edge_1RB Right	1	24	22.23	22.72	22.43
				QPSK		1	24	22.22	22.22	21.97
				Pi/2 BPSK	Edge_Full Right	2	23	22.27	22.71	22.36
				QPSK		2	23	22.25	22.26	21.95
			CP-OFDM	QPSK	Inner_1RB Left	1	1	21.72	21.78	21.43

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)
n66	15	10	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	23.32	23.13	23.06
				QPSK		1	1	23.33	23.14	23.05
				16QAM		1	1	22.23	22.04	21.92
				64QAM		1	1	20.92	20.78	20.65
				256QAM		1	1	18.21	18.10	17.90
				Pi/2 BPSK	Inner_1RB Right	1	23	23.19	23.08	22.91
				QPSK		1	23	23.23	23.04	22.86
				Pi/2 BPSK	Inner_Full	12	6	23.26	23.11	23.04
				QPSK		12	6	23.22	23.14	22.92
				Pi/2 BPSK	Outer_Full	25	0	22.17	22.02	21.98
				QPSK		25	0	22.24	22.20	21.97
				Pi/2 BPSK	Edge_1RB Left	1	0	22.28	22.28	22.06
				QPSK		1	0	22.26	22.21	21.99
				Pi/2 BPSK	Edge_Full Left	2	0	22.24	22.16	21.08
				QPSK		2	0	22.28	22.17	21.99
				Pi/2 BPSK	Edge_1RB Right	1	24	22.04	21.94	21.88
				QPSK		1	24	22.11	21.97	21.82
				Pi/2 BPSK	Edge_Full Right	2	23	22.14	22.04	22.06
				QPSK		2	23	22.12	22.01	21.84
			CP-OFDM	QPSK	Inner_1RB Left	1	1	21.90	21.85	21.59

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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	23.40	23.35	23.17
				QPSK		1	1	23.36	23.38	23.12
				16QAM		1	1	22.30	22.21	21.88
				64QAM		1	1	20.97	20.96	20.69
				256QAM		1	1	18.17	18.22	17.97
				Pi/2 BPSK	Inner_1RB Right	1	77	23.15	23.04	22.95
				QPSK		1	77	23.12	23.14	22.86
				Pi/2 BPSK	Inner_Full	36	18	23.14	23.30	23.15
				QPSK		36	18	23.10	23.24	22.98
				Pi/2 BPSK	Outer_Full	75	0	22.28	22.11	21.96
				QPSK		75	0	22.26	22.15	21.99
				Pi/2 BPSK	Edge_1RB Left	1	0	22.38	22.24	22.05
				QPSK		1	0	22.30	22.28	22.07
				Pi/2 BPSK	Edge_Full Left	2	0	22.49	22.40	22.03
				QPSK		2	0	22.31	22.30	22.06
				Pi/2 BPSK	Edge_1RB Right	1	78	22.07	22.50	21.92
				QPSK		1	78	22.04	22.10	21.81
				Pi/2 BPSK	Edge_Full Right	2	77	22.01	22.11	22.82
				QPSK		2	77	21.99	22.11	21.83
			CP-OFDM	QPSK	Inner_1RB Left	1	1	21.92	21.89	21.64

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	23.41	23.54	23.22
				QPSK		1	1	23.40	23.34	23.17
				16QAM		1	1	22.37	22.21	22.05
				64QAM		1	1	20.98	20.93	20.77
				256QAM		1	1	18.03	18.22	17.96
				Pi/2 BPSK	Inner_1RB Right	1	104	23.16	23.11	23.01
				QPSK		1	104	23.08	23.00	22.82
				Pi/2 BPSK	Inner_Full	50	25	23.23	23.21	23.09
				QPSK		50	25	23.25	23.21	23.04
				Pi/2 BPSK	Outer_Full	100	0	22.31	22.18	22.18
				QPSK		100	0	22.25	22.14	22.08
				Pi/2 BPSK	Edge_1RB Left	1	0	22.41	22.17	22.17
				QPSK		1	0	22.31	22.24	22.14
				Pi/2 BPSK	Edge_Full Left	2	0	22.40	22.31	22.14
				QPSK		2	0	22.31	22.25	22.14
				Pi/2 BPSK	Edge_1RB Right	1	105	21.96	21.98	21.81
				QPSK		1	105	22.01	21.87	21.78
				Pi/2 BPSK	Edge_Full Right	2	104	22.06	21.98	21.84
				QPSK		2	104	22.04	21.89	21.78
			CP-OFDM	QPSK	Inner_1RB Left	1	1	21.80	21.77	21.64

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Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	Low Channel 344500 (1722.5 MHz)	Mid Channel 349000 (1745 MHz)	High Channel 353500 (1767.5 MHz)
n66	15	25	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	23.18	23.30	23.38
				QPSK		1	1	23.28	23.45	23.45
				16QAM		1	1	22.55	22.54	22.36
				64QAM		1	1	20.55	21.23	21.13
				256QAM		1	1	20.98	18.51	18.44
				Pi/2 BPSK	Inner_1RB Right	1	131	23.31	23.24	22.85
				QPSK		1	131	23.20	23.28	22.92
				Pi/2 BPSK	Inner_Full	64	32	23.30	23.48	23.26
				QPSK		64	32	23.36	23.47	23.31
				Pi/2 BPSK	Outer_Full	128	0	22.39	22.48	22.29
				QPSK		128	0	22.37	22.46	22.30
				Pi/2 BPSK	Edge_1RB Left	1	0	22.36	22.29	22.45
				QPSK		1	0	22.32	22.61	22.53
				Pi/2 BPSK	Edge_Full Left	2	0	22.36	22.58	22.52
				QPSK		2	0	22.37	22.55	22.51
				Pi/2 BPSK	Edge_1RB Right	1	132	22.21	22.07	21.83
				QPSK		1	132	22.20	22.21	21.88
				Pi/2 BPSK	Edge_Full Right	2	131	22.26	22.36	21.88
				QPSK		2	131	22.27	22.42	21.96
			CP-OFDM	QPSK	Inner_1RB Left	1	1	22.03	22.06	21.99

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	23.41	23.39	23.45
				QPSK		1	1	23.38	23.41	23.43
				16QAM		1	1	22.35	22.31	22.40
				64QAM		1	1	20.99	21.04	20.74
				256QAM		1	1	18.35	18.32	18.36
				Pi/2 BPSK	Inner_1RB Right	1	158	23.35	23.18	23.02
				QPSK		1	158	23.36	23.17	23.09
				Pi/2 BPSK	Inner_Full	80	40	23.27	23.28	23.03
				QPSK		80	40	23.37	23.35	23.15
				Pi/2 BPSK	Outer_Full	160	0	22.31	22.28	22.17
				QPSK		160	0	22.31	22.28	22.14
				Pi/2 BPSK	Edge_1RB Left	1	0	22.35	22.39	22.41
				QPSK		1	0	22.32	22.38	22.35
				Pi/2 BPSK	Edge_Full Left	2	0	22.32	22.38	22.47
				QPSK		2	0	22.36	22.35	22.46
				Pi/2 BPSK	Edge_1RB Right	1	159	22.38	22.16	22.14
				QPSK		1	159	22.31	22.12	22.01
				Pi/2 BPSK	Edge_Full Right	2	158	22.38	22.12	22.12
				QPSK		2	158	22.30	22.13	22.00
			CP-OFDM	QPSK	Inner_1RB Left	1	1	21.91	21.89	21.71

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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	23.42	23.32	23.39
				QPSK		1	1	23.43	23.55	23.46
				16QAM		1	1	22.32	22.22	22.27
				64QAM		1	1	20.93	20.94	20.96
				256QAM		1	1	18.33	18.36	18.27
				Pi/2 BPSK	Inner_1RB Right	1	214	23.12	23.08	23.01
				QPSK		1	214	23.23	23.03	22.99
				Pi/2 BPSK	Inner_Full	108	54	23.36	23.51	23.31
				QPSK		108	54	23.37	23.52	23.33
				Pi/2 BPSK	Outer_Full	216	0	22.19	22.16	22.08
				QPSK		216	0	22.17	22.25	22.06
				Pi/2 BPSK	Edge_1RB Left	1	0	22.29	22.26	22.38
				QPSK		1	0	22.25	22.29	22.30
				Pi/2 BPSK	Edge_Full Left	2	0	20.56	20.46	20.70
				QPSK		2	0	22.27	22.24	22.33
				Pi/2 BPSK	Edge_1RB Right	1	215	20.68	20.64	20.60
				QPSK		1	215	22.17	21.97	22.00
				Pi/2 BPSK	Edge_Full Right	2	214	20.52	20.25	20.38
				QPSK		2	214	22.19	21.92	21.95
			CP-OFDM	QPSK	Inner_1RB Left	1	1	21.78	21.90	21.70

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Appendix E.3.8 5G NR n71 Ant1,3

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	22.76	22.58	22.72
				QPSK		1	1	22.83	22.61	22.83
				16QAM		1	1	21.75	21.83	21.73
				64QAM		1	1	20.36	20.55	20.44
				256QAM		1	1	17.74	17.78	17.83
				Pi/2 BPSK	Inner_1RB Right	1	23	22.62	22.79	22.81
				QPSK		1	23	22.89	22.86	22.84
				Pi/2 BPSK	Inner_Full	12	6	22.87	22.45	22.63
				QPSK		12	6	22.84	22.79	22.73
				Pi/2 BPSK	Outer_Full	25	0	22.36	22.07	21.84
				QPSK		25	0	21.92	21.91	21.88
				Pi/2 BPSK	Edge_1RB Left	1	0	22.35	21.95	21.84
				QPSK		1	0	21.83	21.96	21.82
				Pi/2 BPSK	Edge_Full Left	2	0	22.21	21.99	21.72
				QPSK		2	0	21.86	21.97	21.86
				Pi/2 BPSK	Edge_1RB Right	1	24	22.29	21.94	21.81
				QPSK		1	24	21.92	21.89	21.87
				Pi/2 BPSK	Edge_Full Right	2	23	22.26	22.03	21.84
				QPSK		2	23	21.90	21.90	21.91
			CP-OFDM	QPSK	Inner_1RB Left	1	1	21.32	21.40	21.38

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	22.70	22.75	22.56
				QPSK		1	1	22.75	22.86	22.72
				16QAM		1	1	21.63	21.83	21.47
				64QAM		1	1	20.39	20.53	20.31
				256QAM		1	1	17.77	17.96	17.73
				Pi/2 BPSK	Inner_1RB Right	1	50	22.51	22.26	22.57
				QPSK		1	50	22.90	22.82	22.72
				Pi/2 BPSK	Inner_Full	25	12	22.68	22.65	22.64
				QPSK		25	12	22.75	22.75	22.66
				Pi/2 BPSK	Outer_Full	50	0	22.19	21.95	21.80
				QPSK		50	0	21.98	21.86	21.71
				Pi/2 BPSK	Edge_1RB Left	1	0	21.86	21.89	21.56
				QPSK		1	0	21.73	21.80	21.66
				Pi/2 BPSK	Edge_Full Left	2	0	21.98	21.82	21.68
				QPSK		2	0	21.80	21.82	21.69
				Pi/2 BPSK	Edge_1RB Right	1	51	21.94	20.31	21.69
				QPSK		1	51	21.84	21.74	21.68
				Pi/2 BPSK	Edge_Full Right	2	50	22.07	21.73	21.68
				QPSK		2	50	21.86	21.77	21.68
			CP-OFDM	QPSK	Inner_1RB Left	1	1	21.34	21.45	21.25

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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	22.76	22.76	22.59
				QPSK		1	1	22.69	22.85	22.69
				16QAM		1	1	21.66	21.81	21.58
				64QAM		1	1	20.37	20.51	20.32
				256QAM		1	1	17.63	17.86	17.67
				Pi/2 BPSK	Inner_1RB Right	1	77	22.49	22.83	22.68
				QPSK		1	77	22.85	22.83	22.73
				Pi/2 BPSK	Inner_Full	36	18	22.83	22.62	22.51
				QPSK		36	18	22.83	22.63	22.69
				Pi/2 BPSK	Outer_Full	75	0	22.27	22.04	21.63
				QPSK		75	0	21.85	21.97	21.72
				Pi/2 BPSK	Edge_1RB Left	1	0	21.87	21.91	21.56
				QPSK		1	0	21.67	21.83	21.67
				Pi/2 BPSK	Edge_Full Left	2	0	21.95	21.84	21.74
				QPSK		2	0	21.82	21.84	21.68
				Pi/2 BPSK	Edge_1RB Right	1	78	21.95	21.77	21.57
				QPSK		1	78	21.83	21.78	21.67
				Pi/2 BPSK	Edge_Full Right	2	77	21.94	21.93	21.72
				QPSK		2	77	21.88	21.86	21.68
			CP-OFDM	QPSK	Inner_1RB Left	1	1	21.32	21.38	21.27

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	22.58	22.78	22.77
				QPSK		1	1	22.68	22.77	22.76
				16QAM		1	1	21.61	21.74	21.64
				64QAM		1	1	20.28	20.46	20.43
				256QAM		1	1	17.67	17.79	17.64
				Pi/2 BPSK	Inner_1RB Right	1	104	22.87	22.87	22.87
				QPSK		1	104	22.95	22.98	22.97
				16QAM		1	104	21.78	21.83	21.57
				64QAM		1	104	20.52	20.56	20.27
				256QAM		1	104	17.63	17.69	17.48
				Pi/2 BPSK	Inner_Full	50	25	22.76	22.81	22.62
				QPSK		50	25	22.85	22.86	22.63
				Pi/2 BPSK	Outer_Full	100	0	21.97	22.07	22.09
				QPSK		100	0	21.87	21.99	21.59
				Pi/2 BPSK	Edge_1RB Left	1	0	21.94	21.78	21.71
				QPSK		1	0	21.65	21.73	21.68
				Pi/2 BPSK	Edge_Full Left	2	0	21.71	21.78	21.72
				QPSK		2	0	21.63	21.75	21.68
				Pi/2 BPSK	Edge_1RB Right	1	105	21.82	21.84	21.56
				QPSK		1	105	21.80	21.88	21.55
				Pi/2 BPSK	Edge_Full Right	2	104	21.83	21.91	21.68
				QPSK		2	104	21.85	21.88	21.58
			CP-OFDM	QPSK	Inner_1RB Left	1	1	21.26	21.39	21.25

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Appendix E.3.9 5G NR n77 Ant2

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	23.43	23.38	23.65
				QPSK		1	1	23.39	23.31	23.64
				16QAM		1	1	22.09	22.07	22.33
				64QAM		1	1	20.89	20.90	21.21
				256QAM		1	1	18.65	18.57	18.92
				Pi/2 BPSK	Inner_1RB Right	1	49	23.42	23.28	23.54
				QPSK		1	49	23.39	23.24	23.50
				Pi/2 BPSK	Inner_Full	25	12	23.57	23.47	23.62
				QPSK		25	12	23.50	23.38	23.66
				Pi/2 BPSK	Outer_Full	50	0	23.00	22.87	23.20
				QPSK		50	0	22.47	22.37	22.67
				Pi/2 BPSK	Edge_1RB Left	1	0	22.82	22.83	23.08
				QPSK		1	0	22.34	22.34	22.57
				Pi/2 BPSK	Edge_Full Left	2	0	22.91	22.93	23.17
				QPSK		2	0	22.41	22.42	22.65
				Pi/2 BPSK	Edge_1RB Right	1	50	22.79	22.72	22.88
				QPSK		1	50	22.28	22.21	22.40
				Pi/2 BPSK	Edge_Full Right	2	49	22.87	22.82	22.99
				QPSK		2	49	22.38	22.29	22.53
			CP-OFDM	QPSK	Inner_1RB Left	1	1	22.04	22.01	22.30

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	23.51	23.45	23.60
				QPSK		1	1	23.47	23.39	23.66
				16QAM		1	1	22.10	22.07	22.43
				64QAM		1	1	20.94	20.91	21.28
				256QAM		1	1	18.71	18.65	19.08
				Pi/2 BPSK	Inner_1RB Right	1	76	23.33	23.21	23.55
				QPSK		1	76	23.30	23.17	23.50
				Pi/2 BPSK	Inner_Full	36	18	23.61	23.49	23.61
				QPSK		36	18	23.53	23.39	23.65
				Pi/2 BPSK	Outer_Full	75	0	22.97	22.91	23.32
				QPSK		75	0	22.44	22.38	22.81
				Pi/2 BPSK	Edge_1RB Left	1	0	22.88	22.88	23.29
				QPSK		1	0	22.41	22.35	22.73
				Pi/2 BPSK	Edge_Full Left	2	0	22.97	22.93	23.33
				QPSK		2	0	22.48	22.45	22.85
				Pi/2 BPSK	Edge_1RB Right	1	77	22.68	22.67	22.95
				QPSK		1	77	22.18	22.17	22.46
				Pi/2 BPSK	Edge_Full Right	2	76	22.77	22.77	23.05
				QPSK		2	76	22.27	22.26	22.54
			CP-OFDM	QPSK	Inner_1RB Left	1	1	22.08	22.04	22.48

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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	23.45	23.44	23.62
				QPSK		1	1	23.41	23.39	23.66
				16QAM		1	1	22.10	22.06	22.31
				64QAM		1	1	20.93	20.84	21.18
				256QAM		1	1	18.70	18.65	18.92
				Pi/2 BPSK	Inner_1RB Right	1	104	23.03	23.17	23.35
				QPSK		1	104	22.94	23.12	23.30
				Pi/2 BPSK	Inner_Full	50	25	23.61	23.49	23.62
				QPSK		50	25	23.47	23.37	23.63
				Pi/2 BPSK	Outer_Full	100	0	22.96	22.91	23.25
				QPSK		100	0	22.41	22.34	22.70
				Pi/2 BPSK	Edge_1RB Left	1	0	22.86	22.85	23.09
				QPSK		1	0	22.39	22.35	22.60
				Pi/2 BPSK	Edge_Full Left	2	0	22.95	22.92	23.19
				QPSK		2	0	22.45	22.42	22.68
				Pi/2 BPSK	Edge_1RB Right	1	105	22.42	22.56	22.78
				QPSK		1	105	21.93	22.05	22.28
				Pi/2 BPSK	Edge_Full Right	2	104	22.51	22.66	22.88
				QPSK		2	104	22.01	22.14	22.37
			CP-OFDM	QPSK	Inner_1RB Left	1	1	22.04	22.01	22.45

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	23.44	23.38	23.63
				QPSK		1	1	23.24	23.38	23.61
				16QAM		1	1	22.11	22.04	22.29
				64QAM		1	1	20.86	20.85	21.15
				256QAM		1	1	18.96	18.64	18.87
				Pi/2 BPSK	Inner_1RB Right	1	131	22.94	23.06	23.26
				QPSK		1	131	22.87	23.01	23.21
				Pi/2 BPSK	Inner_Full	64	32	23.55	23.46	23.60
				QPSK		64	32	23.36	23.34	23.66
				Pi/2 BPSK	Outer_Full	128	0	23.03	22.78	23.18
				QPSK		128	0	22.35	22.28	22.70
				Pi/2 BPSK	Edge_1RB Left	1	0	22.86	22.76	23.06
				QPSK		1	0	22.43	22.34	22.56
				Pi/2 BPSK	Edge_Full Left	2	0	23.02	22.86	23.16
				QPSK		2	0	22.58	22.34	22.66
				Pi/2 BPSK	Edge_1RB Right	1	132	22.13	22.45	22.67
				QPSK		1	132	21.77	21.95	22.17
				Pi/2 BPSK	Edge_Full Right	2	131	22.15	22.55	22.77
				QPSK		2	131	21.70	22.03	22.24
			CP-OFDM	QPSK	Inner_1RB Left	1	1	22.20	22.02	22.51

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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	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	23.41	23.38	23.63
				QPSK		1	1	23.45	23.33	23.59
				16QAM		1	1	21.95	22.05	22.41
				64QAM		1	1	20.87	20.84	21.17
				256QAM		1	1	18.96	18.63	18.99
				Pi/2 BPSK	Inner_1RB Right	1	160	22.75	23.10	23.62
				QPSK		1	160	22.76	23.06	23.62
				Pi/2 BPSK	Inner_Full	81	40	23.63	23.27	23.60
				QPSK		81	40	23.65	23.18	23.65
				Pi/2 BPSK	Outer_Full	162	0	22.95	22.76	23.34
				QPSK		162	0	22.58	22.27	22.90
				Pi/2 BPSK	Edge_1RB Left	1	0	22.87	22.85	23.19
				QPSK		1	0	22.47	22.30	22.64
				Pi/2 BPSK	Edge_Full Left	2	0	23.21	22.90	23.28
				QPSK		2	0	22.34	22.39	22.70
				Pi/2 BPSK	Edge_1RB Right	1	161	22.49	22.46	23.07
				QPSK		1	161	21.71	21.95	22.56
				Pi/2 BPSK	Edge_Full Right	2	160	22.31	22.55	23.16
				QPSK		2	160	21.93	22.03	22.64
			CP-OFDM	QPSK	Inner_1RB Left	1	1	22.23	22.05	22.36

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	23.47	23.56	23.60
				QPSK		1	1	23.46	23.51	23.65
				16QAM		1	1	22.10	22.17	22.36
				64QAM		1	1	20.75	21.01	21.16
				256QAM		1	1	18.55	18.82	18.98
				Pi/2 BPSK	Inner_1RB Right	1	187	22.89	23.14	23.61
				QPSK		1	187	23.20	23.09	23.61
				Pi/2 BPSK	Inner_Full	90	45	23.54	23.54	23.62
				QPSK		90	45	23.49	23.47	23.65
				Pi/2 BPSK	Outer_Full	180	0	23.11	22.98	23.43
				QPSK		180	0	22.85	22.45	22.91
				Pi/2 BPSK	Edge_1RB Left	1	0	23.31	22.99	23.12
				QPSK		1	0	22.83	22.42	22.64
				Pi/2 BPSK	Edge_Full Left	2	0	23.41	23.10	23.21
				QPSK		2	0	22.51	22.52	22.71
				Pi/2 BPSK	Edge_1RB Right	1	188	22.68	22.50	23.17
				QPSK		1	188	22.19	21.99	22.65
				Pi/2 BPSK	Edge_Full Right	2	187	22.71	22.59	23.16
				QPSK		2	187	22.34	22.07	22.64
			CP-OFDM	QPSK	Inner_1RB Left	1	1	22.05	22.16	22.28

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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	23.59	23.50	23.60
				QPSK		1	1	23.66	23.46	23.65
				16QAM		1	1	21.96	22.17	22.36
				64QAM		1	1	21.53	20.97	21.17
				256QAM		1	1	18.71	18.80	18.99
				Pi/2 BPSK	Inner_1RB Right	1	215	22.97	23.07	23.62
				QPSK		1	215	23.24	23.02	23.59
				Pi/2 BPSK	Inner_Full	108	54	23.55	23.47	23.63
				QPSK		108	54	23.26	23.45	23.56
				Pi/2 BPSK	Outer_Full	216	0	23.37	22.90	23.39
				QPSK		216	0	22.71	22.40	22.91
				Pi/2 BPSK	Edge_1RB Left	1	0	22.95	22.98	23.13
				QPSK		1	0	22.33	22.42	22.63
				Pi/2 BPSK	Edge_Full Left	2	0	23.19	23.08	23.23
				QPSK		2	0	22.53	22.52	22.72
				Pi/2 BPSK	Edge_1RB Right	1	216	22.51	22.44	23.04
				QPSK		1	216	21.94	22.00	22.53
				Pi/2 BPSK	Edge_Full Right	2	215	22.85	22.55	23.13
				QPSK		2	215	22.08	22.04	22.61
			CP-OFDM	QPSK	Inner_1RB Left	1	1	21.86	22.12	22.33

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	23.65	23.59	23.66
				QPSK		1	1	23.62	23.53	23.63
				16QAM		1	1	22.43	22.21	22.38
				64QAM		1	1	21.21	21.00	21.17
				256QAM		1	1	18.65	18.83	19.07
				Pi/2 BPSK	Inner_1RB Right	1	243	23.07	23.12	23.53
				QPSK		1	243	23.20	23.07	23.49
				Pi/2 BPSK	Inner_Full	120	60	23.43	23.44	23.26
				QPSK		120	60	23.44	23.44	23.28
				Pi/2 BPSK	Outer_Full	243	0	23.34	22.91	23.37
				QPSK		243	0	22.34	22.41	22.85
				Pi/2 BPSK	Edge_1RB Left	1	0	23.11	23.08	23.25
				QPSK		1	0	22.75	22.59	22.76
				Pi/2 BPSK	Edge_Full Left	2	0	23.53	23.16	23.35
				QPSK		2	0	22.77	22.65	22.85
				Pi/2 BPSK	Edge_1RB Right	1	244	22.82	22.57	23.02
				QPSK		1	244	22.33	22.10	22.51
				Pi/2 BPSK	Edge_Full Right	2	243	22.78	22.74	23.12
				QPSK		2	243	22.40	22.24	22.62
			CP-OFDM	QPSK	Inner_1RB Left	1	1	22.33	22.23	22.38

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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 662000 (3930 MHz)
n77	30	100	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	23.69	23.75	23.67
				QPSK		1	1	23.58	23.73	23.63
				16QAM		1	1	22.41	22.58	22.64
				64QAM		1	1	21.38	21.47	21.52
				256QAM		1	1	19.36	18.86	19.01
				Pi/2 BPSK	Inner_1RB Right	1	271	23.57	23.54	23.45
				QPSK		1	271	23.66	23.41	23.49
				Pi/2 BPSK	Inner_Full	135	67	23.49	23.50	23.29
				QPSK		135	67	23.17	23.21	23.28
				Pi/2 BPSK	Outer_Full	270	0	23.30	23.30	23.46
				QPSK		270	0	22.86	22.82	23.27
				Pi/2 BPSK	Edge_1RB Left	1	0	23.25	23.37	23.49
				QPSK		1	0	22.69	22.77	22.99
				Pi/2 BPSK	Edge_Full Left	2	0	23.33	23.48	23.59
				QPSK		2	0	22.82	22.88	23.07
				Pi/2 BPSK	Edge_1RB Right	1	272	22.94	22.88	23.32
				QPSK		1	272	22.69	22.38	22.86
				Pi/2 BPSK	Edge_Full Right	2	271	22.93	23.00	23.45
				QPSK		2	271	22.62	22.47	22.94
			CP-OFDM	QPSK	Inner_1RB Left	1	1	22.71	22.69	22.52

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Appendix E.3.10 5G NR n77 DoD Ant2

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 DoD	30	20	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	22.97	22.64	23.26
				QPSK		1	1	22.93	23.05	23.20
				16QAM		1	1	21.63	22.12	21.90
				64QAM		1	1	20.43	20.98	20.73
				256QAM		1	1	18.25	17.95	18.17
				Pi/2 BPSK	Inner_1RB Right	1	49	22.94	22.99	22.73
				QPSK		1	49	22.90	23.02	22.70
				Pi/2 BPSK	Inner_Full	25	12	23.01	23.02	23.12
				QPSK		25	12	23.00	23.01	23.04
				Pi/2 BPSK	Outer_Full	50	0	22.54	23.10	22.54
				QPSK		50	0	22.02	22.55	22.00
				Pi/2 BPSK	Edge_1RB Left	1	0	22.38	22.87	22.63
				QPSK		1	0	21.88	22.38	22.14
				Pi/2 BPSK	Edge_Full Left	2	0	22.46	22.98	22.72
				QPSK		2	0	21.94	22.45	22.21
				Pi/2 BPSK	Edge_1RB Right	1	50	22.37	22.91	22.09
				QPSK		1	50	21.86	22.39	21.64
				Pi/2 BPSK	Edge_Full Right	2	49	22.46	22.98	22.21
				QPSK		2	49	21.93	22.47	21.74
			CP-OFDM	QPSK	Inner_1RB Left	1	1	21.60	22.12	21.88

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 DoD	30	30	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	23.09	23.53	23.40
				QPSK		1	1	23.05	23.48	23.53
				16QAM		1	1	21.66	22.16	22.37
				64QAM		1	1	20.51	21.04	21.18
				256QAM		1	1	18.34	18.22	18.34
				Pi/2 BPSK	Inner_1RB Right	1	76	23.17	23.56	22.89
				QPSK		1	76	23.12	23.55	22.84
				Pi/2 BPSK	Inner_Full	36	18	23.16	23.60	23.50
				QPSK		36	18	23.10	23.52	23.41
				Pi/2 BPSK	Outer_Full	75	0	22.62	23.14	22.86
				QPSK		75	0	22.08	22.64	22.36
				Pi/2 BPSK	Edge_1RB Left	1	0	22.46	22.93	23.02
				QPSK		1	0	21.97	22.43	22.64
				Pi/2 BPSK	Edge_Full Left	2	0	22.56	23.02	23.21
				QPSK		2	0	22.06	22.51	22.70
				Pi/2 BPSK	Edge_1RB Right	1	77	22.56	22.96	22.26
				QPSK		1	77	22.06	22.45	21.78
				Pi/2 BPSK	Edge_Full Right	2	76	22.65	23.04	22.38
				QPSK		2	76	22.14	22.59	21.87
			CP-OFDM	QPSK	Inner_1RB Left	1	1	21.63	22.18	22.30

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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 DoD	30	40	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	23.01	23.18	23.27
				QPSK		1	1	23.05	23.13	23.23
				16QAM		1	1	21.55	21.77	21.90
				64QAM		1	1	20.40	20.62	20.76
				256QAM		1	1	18.26	18.14	18.14
				Pi/2 BPSK	Inner_1RB Right	1	104	23.21	23.10	23.13
				QPSK		1	104	23.19	23.06	23.08
				Pi/2 BPSK	Inner_Full	50	25	23.37	23.27	23.54
				QPSK		50	25	23.21	23.16	23.45
				Pi/2 BPSK	Outer_Full	100	0	22.57	22.67	22.90
				QPSK		100	0	22.59	22.15	22.40
				Pi/2 BPSK	Edge_1RB Left	1	0	22.43	22.60	22.64
				QPSK		1	0	22.47	22.06	22.08
				Pi/2 BPSK	Edge_Full Left	2	0	22.53	22.62	22.73
				QPSK		2	0	22.15	22.13	22.28
				Pi/2 BPSK	Edge_1RB Right	1	105	22.45	22.48	22.54
				QPSK		1	105	22.07	21.97	22.03
				Pi/2 BPSK	Edge_Full Right	2	104	22.53	22.56	22.65
				QPSK		2	104	22.10	22.05	22.13
			CP-OFDM	QPSK	Inner_1RB Left	1	1	21.69	21.73	21.90

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 DoD	30	50	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	23.42	23.35	23.18
				QPSK		1	1	23.40	23.31	23.18
				16QAM		1	1	22.14	22.01	21.86
				64QAM		1	1	21.05	20.89	20.73
				256QAM		1	1	18.44	18.34	18.22
				Pi/2 BPSK	Inner_1RB Right	1	131	22.90	23.23	23.16
				QPSK		1	131	22.86	23.19	23.10
				Pi/2 BPSK	Inner_Full	64	32	23.46	23.38	23.51
				QPSK		64	32	23.40	23.32	23.46
				Pi/2 BPSK	Outer_Full	128	0	22.84	22.73	22.92
				QPSK		128	0	22.33	22.31	22.31
				Pi/2 BPSK	Edge_1RB Left	1	0	22.95	22.78	22.62
				QPSK		1	0	22.44	22.27	22.16
				Pi/2 BPSK	Edge_Full Left	2	0	23.04	22.88	22.76
				QPSK		2	0	22.51	22.37	22.24
				Pi/2 BPSK	Edge_1RB Right	1	132	22.33	22.68	22.54
				QPSK		1	132	21.82	22.16	22.08
				Pi/2 BPSK	Edge_Full Right	2	131	22.43	22.76	22.71
				QPSK		2	131	21.90	22.23	22.17
			CP-OFDM	QPSK	Inner_1RB Left	1	1	22.29	22.10	21.89

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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 DoD	30	60	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	23.38	23.21	22.99
				QPSK		1	1	23.36	23.18	23.03
				16QAM		1	1	21.97	21.80	21.67
				64QAM		1	1	20.85	20.71	20.49
				256QAM		1	1	18.31	18.17	17.95
				Pi/2 BPSK	Inner_1RB Right	1	160	22.78	23.05	22.97
				QPSK		1	160	22.72	23.02	22.94
				Pi/2 BPSK	Inner_Full	81	40	23.15	23.06	23.22
				QPSK		81	40	23.07	22.99	23.16
				Pi/2 BPSK	Outer_Full	162	0	22.67	22.63	22.61
				QPSK		162	0	22.12	22.11	22.11
				Pi/2 BPSK	Edge_1RB Left	1	0	22.82	22.61	22.43
				QPSK		1	0	22.31	22.11	21.95
				Pi/2 BPSK	Edge_Full Left	2	0	22.91	22.71	22.52
				QPSK		2	0	22.38	22.18	22.01
				Pi/2 BPSK	Edge_1RB Right	1	161	22.15	22.43	22.37
				QPSK		1	161	21.70	21.92	21.86
				Pi/2 BPSK	Edge_Full Right	2	160	22.31	22.53	22.46
				QPSK		2	160	21.78	22.04	21.93
			CP-OFDM	QPSK	Inner_1RB Left	1	1	22.08	21.89	21.73

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 DoD	30	70	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	23.44	23.36	23.28
				QPSK		1	1	23.40	23.34	23.23
				16QAM		1	1	22.08	21.97	21.88
				64QAM		1	1	20.93	20.88	20.78
				256QAM		1	1	18.35	18.24	18.19
				Pi/2 BPSK	Inner_1RB Right	1	187	22.87	22.97	22.99
				QPSK		1	187	22.84	22.97	22.94
				Pi/2 BPSK	Inner_Full	90	45	23.30	23.34	23.46
				QPSK		90	45	23.26	23.25	23.37
				Pi/2 BPSK	Outer_Full	180	0	22.75	22.81	22.87
				QPSK		180	0	22.25	22.29	22.33
				Pi/2 BPSK	Edge_1RB Left	1	0	22.77	22.79	22.71
				QPSK		1	0	22.26	22.30	22.18
				Pi/2 BPSK	Edge_Full Left	2	0	22.88	22.89	22.80
				QPSK		2	0	22.36	22.38	22.28
				Pi/2 BPSK	Edge_1RB Right	1	188	22.30	22.42	22.47
				QPSK		1	188	21.80	21.89	21.88
				Pi/2 BPSK	Edge_Full Right	2	187	22.42	22.53	22.46
				QPSK		2	187	21.88	22.02	21.94
			CP-OFDM	QPSK	Inner_1RB Left	1	1	22.05	22.00	21.89

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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 DoD	30	80	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	23.38	23.43	23.38
				QPSK		1	1	23.38	23.36	23.34
				16QAM		1	1	22.02	22.02	22.03
				64QAM		1	1	20.90	20.94	20.90
				256QAM		1	1	18.36	18.30	18.28
				Pi/2 BPSK	Inner_1RB Right	1	215	23.01	22.98	22.98
				QPSK		1	215	22.97	22.94	22.95
				Pi/2 BPSK	Inner_Full	108	54	23.37	23.36	23.43
				QPSK		108	54	23.31	23.27	23.32
				Pi/2 BPSK	Outer_Full	216	0	22.78	22.76	22.77
				QPSK		216	0	22.26	22.25	22.29
				Pi/2 BPSK	Edge_1RB Left	1	0	22.84	22.74	22.74
				QPSK		1	0	22.34	22.25	22.24
				Pi/2 BPSK	Edge_Full Left	2	0	22.90	22.82	22.80
				QPSK		2	0	22.38	22.41	22.33
				Pi/2 BPSK	Edge_1RB Right	1	216	22.40	22.38	22.36
				QPSK		1	216	21.91	21.91	21.85
				Pi/2 BPSK	Edge_Full Right	2	215	22.50	22.51	22.44
				QPSK		2	215	21.97	21.97	21.94
			CP-OFDM	QPSK	Inner_1RB Left	1	1	22.01	22.09	21.98

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 DoD	30	90	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1	23.45	23.51	23.45
				QPSK		1	1	23.40	23.47	23.34
				16QAM		1	1	22.08	22.13	22.14
				64QAM		1	1	20.97	21.04	20.96
				256QAM		1	1	18.30	18.45	18.25
				Pi/2 BPSK	Inner_1RB Right	1	243	22.97	22.94	22.92
				QPSK		1	243	22.93	22.89	22.87
				Pi/2 BPSK	Inner_Full	120	60	23.41	23.44	23.43
				QPSK		120	60	23.43	23.44	23.43
				Pi/2 BPSK	Outer_Full	243	0	22.75	22.81	22.86
				QPSK		243	0	22.23	22.27	22.28
				Pi/2 BPSK	Edge_1RB Left	1	0	22.92	23.03	22.88
				QPSK		1	0	22.43	22.53	22.38
				Pi/2 BPSK	Edge_Full Left	2	0	23.04	23.11	22.99
				QPSK		2	0	22.51	22.60	22.45
				Pi/2 BPSK	Edge_1RB Right	1	244	22.52	22.44	22.41
				QPSK		1	244	22.00	21.94	21.93
				Pi/2 BPSK	Edge_Full Right	2	243	22.62	22.55	22.51
				QPSK		2	243	22.09	22.01	21.99
			CP-OFDM	QPSK	Inner_1RB Left	1	1	22.15	22.07	22.07

(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.)

Band	SCS (KHz)	Bandwidth (MHz)	Modulation		RB allocation	RB Size	RB Offset	N/A	Mid Channel 633334 (3500.01 MHz)	N/A
n77 DoD	30	100	DFT-s-OFDM	Pi/2 BPSK	Inner_1RB Left	1	1		23.62	
				QPSK		1	1		23.54	
				16QAM		1	1		22.14	
				64QAM		1	1		21.11	
				256QAM		1	1		18.58	
				Pi/2 BPSK	Inner_1RB Right	1	271		22.81	
				QPSK		1	271		22.79	
				Pi/2 BPSK	Inner_Full	135	67		23.46	
				QPSK		135	67		23.15	
				Pi/2 BPSK	Outer_Full	270	0		22.78	
				QPSK		270	0		22.30	
				Pi/2 BPSK	Edge_1RB Left	1	0		22.83	
				QPSK		1	0		22.36	
				Pi/2 BPSK	Edge_Full Left	2	0		22.96	
				QPSK		2	0		22.40	
				Pi/2 BPSK	Edge_1RB Right	1	272		22.29	
				QPSK		1	272		21.86	
				Pi/2 BPSK	Edge_Full Right	2	271		22.38	
				QPSK		2	271		21.85	
			CP-OFDM	QPSK	Inner_1RB Left	1	1		21.99	

(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.)

Appendix E.4 WLAN Conducted Power

Appendix E.4.1 WLAN 2.4GHz WLAN Ant3

Mode	DataRate	Frequency	Target	Average Power
11b	1M	2 412	5.5	6.47
		2 437		5.01
		2 442		5.38
		2 462		6.41
		2 472		5.63
11g	6M	2 412	5.5	5.29
		2 437		4.65
		2 442		5.25
		2 462		6.39
		2 472		6.38
11n20	MCS0	2 412	5.5	5.02
		2 437		4.27
		2 442		4.90
		2 462		5.99
		2 472		5.47
11ac20	MCS0	2 412	5.5	5.01
		2 437		4.25
		2 442		4.84
		2 462		5.92
		2 472		5.45
11n40	MCS0	2 422	5.5	5.51
		2 437		5.93
		2 442		6.10
		2 452		5.57
		2 462		6.40
11ac40	MCS0	2 422	5.5	5.50
		2 437		5.87
		2 442		6.09
		2 452		5.12
		2 462		6.32

(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.)

Mode	DataRate	Frequency	Tones	Target	RU offset	Average power
11ax20	MCS0	2412	26T	5.5	0	6.33
					4	4.69
					8	5.88
			52T	5.5	37	5.78
					38	5.02
					40	5.59
			106T	5.5	53	5.61
					54	6.29
			242T	5.5	61	5.42
			SU	5.5	-	5.20
		2437	26T	5.5	0	5.34
					4	4.62
					8	3.72
			52T	5.5	37	5.24
					38	4.96
					40	3.67
			106T	5.5	53	5.15
					54	4.03
			242T	5.5	61	4.79
			SU	5.5	-	4.36
		2442	26T	5.5	0	6.06
					4	4.34
					8	3.91
			52T	5.5	37	5.68
					38	4.98
					40	3.66
			106T	5.5	53	5.14
					54	4.62
			242T	5.5	61	5.46
			SU	5.5	-	4.40
		2462	26T	5.5	0	4.83
					4	5.69
					8	5.69
			52T	5.5	37	4.80
					38	5.18
					40	5.79
			106T	5.5	53	6.22
					54	6.10
			242T	5.5	61	5.80
			SU	5.5	-	5.71
		2472	26T	5.5	0	6.50
					4	4.99
					8	4.81
			52T	5.5	37	6.46
					38	5.81
					40	4.50
			106T	5.5	53	6.38
					54	4.52
			242T	5.5	61	5.42
			SU	5.5	-	5.25

(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.)

Mode	DataRate	Frequency	Tones	Target	RU offset	Average power
11ax40	MCS0	2422	26T	5.5	0	4.98
					9	5.01
					17	5.23
			52T	5.5	37	4.86
					41	5.27
					44	5.40
			106T	5.5	53	4.55
					54	4.11
					56	5.80
			242T	5.5	61	6.38
					62	5.68
			484T	5.5	65	5.03
			SU	5.5	-	5.01
		2437	26T	5.5	0	5.12
					9	6.24
					17	5.18
			52T	5.5	37	5.17
					41	6.08
					44	5.10
			106T	5.5	53	5.49
					54	6.71
					56	4.89
			242T	5.5	61	6.28
					62	5.32
			484T	5.5	65	5.77
			SU	5.5	-	5.68
		2442	26T	5.5	0	5.17
					9	4.65
					17	5.06
			52T	5.5	37	5.52
					41	4.69
					44	5.11
			106T	5.5	53	6.31
					54	6.42
					56	5.42
			242T	5.5	61	6.34
					62	5.06
			484T	5.5	65	5.91
			SU	5.5	-	5.61
11ax40	MCS0	2452	26T	5.5	0	5.67
					9	3.65
					17	4.82
			52T	5.5	37	5.57
					41	3.58
					44	4.86
			106T	5.5	53	5.35
					54	3.71
					56	5.01
			242T	5.5	61	4.98
					62	4.56
			484T	5.5	65	4.62
			SU	5.5	-	4.61
		2462	26T	5.5	0	6.00
					9	6.90
					17	5.03
			52T	5.5	37	6.04
					41	6.94
					44	5.06
			106T	5.5	53	5.77
					54	6.14
					56	5.27
			242T	5.5	61	5.90
					62	6.03
			484T	5.5	65	6.12
			SU	5.5	-	6.11

(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.)

Appendix E.4.2 WLAN 2.4GHz WLAN Ant4

Mode	DataRate	Frequency	Target	Average Power
11b	1M	2 412	5.5	6.47
		2 437		5.01
		2 442		5.38
		2 462		6.41
		2 472		5.63
11g	6M	2 412	5.5	5.29
		2 437		4.65
		2 442		5.25
		2 462		6.39
		2 472		6.38
11n20	MCS0	2 412	5.5	5.02
		2 437		4.27
		2 442		4.90
		2 462		5.99
		2 472		5.47
11ac20	MCS0	2 412	5.5	5.01
		2 437		4.25
		2 442		4.84
		2 462		5.92
		2 472		5.45
11n40	MCS0	2 422	5.5	5.51
		2 437		5.93
		2 442		6.10
		2 452		5.57
		2 462		6.40
11ac40	MCS0	2 422	5.5	5.50
		2 437		5.87
		2 442		6.09
		2 452		5.12
		2 462		6.32

(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.)

Mode	DataRate	Frequency	Tones	Target	RU offset	Average power
11ax20	MCS0	2412	26T	5.5	0	6.33
					4	4.69
					8	5.88
			52T	5.5	37	5.78
					38	5.02
					40	5.59
			106T	5.5	53	5.61
					54	6.29
			242T	5.5	61	5.42
			SU	5.5	-	5.20
		2437	26T	5.5	0	5.34
					4	4.62
					8	3.72
			52T	5.5	37	5.24
					38	4.96
					40	3.67
			106T	5.5	53	5.15
					54	4.03
			242T	5.5	61	4.79
			SU	5.5	-	4.36
		2442	26T	5.5	0	6.06
					4	4.34
					8	3.91
			52T	5.5	37	5.68
					38	4.98
					40	3.66
			106T	5.5	53	5.14
					54	4.62
			242T	5.5	61	5.46
			SU	5.5	-	4.40
		2462	26T	5.5	0	4.83
					4	5.69
					8	5.69
			52T	5.5	37	4.80
					38	5.18
					40	5.79
			106T	5.5	53	6.22
					54	6.10
			242T	5.5	61	5.80
			SU	5.5	-	5.71
		2472	26T	5.5	0	6.50
					4	4.99
					8	4.81
			52T	5.5	37	6.46
					38	5.81
					40	4.50
			106T	5.5	53	6.38
					54	4.52
			242T	5.5	61	5.42
			SU	5.5	-	5.25

(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.)

Mode	DataRate	Frequency	Tones	Target	RU offset	Average power
11ax40	MCS0	2422	26T	5.5	0	4.98
					9	5.01
					17	5.23
			52T	5.5	37	4.86
					41	5.27
					44	5.40
			106T	5.5	53	4.55
					54	4.11
					56	5.80
			242T	5.5	61	6.38
					62	5.68
			484T	5.5	65	5.03
			SU	5.5	-	5.01
		2437	26T	5.5	0	5.12
					9	6.24
					17	5.18
			52T	5.5	37	5.17
					41	6.08
					44	5.10
			106T	5.5	53	5.49
					54	6.71
					56	4.89
			242T	5.5	61	6.28
					62	5.32
			484T	5.5	65	5.77
			SU	5.5	-	5.68
		2452	26T	5.5	0	5.17
					9	4.65
					17	5.06
			52T	5.5	37	5.52
					41	4.69
					44	5.11
			106T	5.5	53	6.31
					54	6.42
					56	5.42
			242T	5.5	61	6.34
					62	5.06
			484T	5.5	65	5.91
			SU	5.5	-	5.61
		2452	26T	5.5	0	5.67
					9	3.65
					17	4.82
			52T	5.5	37	5.57
					41	3.58
					44	4.86
			106T	5.5	53	5.35
					54	3.71
					56	5.01
			242T	5.5	61	4.98
					62	4.56
			484T	5.5	65	4.62
			SU	5.5	-	4.61
11ax40	MCS0	2462	26T	5.5	0	6.00
					9	6.90
					17	5.03
			52T	5.5	37	6.04
					41	6.94
					44	5.06
			106T	5.5	53	5.77
					54	6.14
					56	5.27
			242T	5.5	61	5.90
					62	6.03
			484T	5.5	65	6.12
			SU	5.5	-	6.11

(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.)

Appendix E.4.3 WLAN 2.4GHz WLAN MIMO

Mode	DataRate	Frequency	Target	Average power
11b	1M	2 412	5.5	6.78
		2 437		6.14
		2 442		6.14
		2 462		7.05
		2 472		6.50
11g	6M	2 412	5.5	6.24
		2 437		5.97
		2 442		5.94
		2 462		6.75
		2 472		6.43
11n20	MCS0	2 412	5.5	5.88
		2 437		5.56
		2 442		5.61
		2 462		6.36
		2 472		6.00
11ac20	MCS0	2 412	5.5	5.87
		2 437		5.55
		2 442		5.56
		2 462		6.34
		2 472		5.99
11n40	MCS0	2 422	5.5	6.95
		2 437		6.59
		2 442		6.27
		2 452		6.61
		2 462		7.17
11ac40	MCS0	2 422	5.5	6.94
		2 437		6.55
		2 442		6.26
		2 452		6.59
		2 462		7.16

(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.)

Mode	DataRate	Frequency	Tones	RU offset	Target	Average power
11ax20	MCS0	2412	26T	0	5.5	6.63
				4		6.28
				8		6.38
			52T	37	5.5	6.02
				38		5.34
				40		6.18
			106T	53	5.5	5.56
				54		5.61
			242T	61	5.5	6.33
			SU	-	5.5	7.07
		2437	26T	0	5.5	6.39
				4		5.97
				8		5.31
			52T	37	5.5	6.08
				38		6.01
				40		5.12
			106T	53	5.5	6.43
				54		6.41
			242T	61	5.5	6.06
			SU	-	5.5	6.79
		2442	26T	0	5.5	6.69
				4		5.58
				8		5.40
			52T	37	5.5	6.36
				38		5.81
				40		5.15
			106T	53	5.5	6.51
				54		6.49
			242T	61	5.5	6.08
			SU	-	5.5	6.82
		2462	26T	0	5.5	6.66
				4		6.59
				8		6.48
			52T	37	5.5	5.93
				38		5.99
				40		6.32
			106T	53	5.5	6.53
				54		6.49
			242T	61	5.5	6.79
			SU	-	5.5	7.37
		2472	26T	0	5.5	7.17
				4		6.10
				8		5.74
			52T	37	5.5	6.85
				38		6.38
				40		5.51
			106T	53	5.5	7.22
				54		7.17
			242T	61	5.5	6.63
			SU	-	5.5	7.26

(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.)

Mode	DataRate	Frequency	Tones	RU offset	Target	Average power
11ax40	MCS0	2422	26T	0	5.5	6.00
				9		6.30
				17		6.60
			52T	37	5.5	5.76
				41		6.42
				44		6.57
			106T	53	5.5	5.94
				54		5.99
				56		7.02
			242T	61	5.5	5.96
				62		7.03
			484T	65	5.5	6.61
			SU	-	5.5	7.04
		2437	26T	0	5.5	5.66
				9		6.36
				17		5.61
			52T	37	5.5	5.61
				41		6.21
				44		5.48
			106T	53	5.5	6.29
				54		6.98
				56		5.64
			242T	61	5.5	6.58
				62		5.98
			484T	65	5.5	6.35
			SU	-	5.5	7.15
		2442	26T	0	5.5	5.77
				9		5.47
				17		5.71
			52T	37	5.5	5.77
				41		5.32
				44		5.59
			106T	53	5.5	6.36
				54		6.18
				56		5.67
			242T	61	5.5	6.37
				62		5.45
			484T	65	5.5	6.02
			SU	-	5.5	6.93
11ax40	MCS0	2452	26T	0	5.5	6.50
				9		5.31
				17		5.66
			52T	37	5.5	6.35
				41		5.26
				44		5.71
			106T	53	5.5	6.63
				54		5.64
				56		6.24
			242T	61	5.5	6.25
				62		6.13
			484T	65	5.5	6.27
			SU	-	5.5	7.25
		2462	26T	0	5.5	6.71
				9		7.15
				17		5.87
			52T	37	5.5	6.62
				41		7.03
				44		5.68
			106T	53	5.5	6.79
				54		7.12
				56		6.24
			242T	61	5.5	6.94
				62		6.82
			484T	65	5.5	7.00
			SU	-	5.5	7.43

(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.)

Appendix E.4.4 WLAN 5GHz WLAN Ant3

Band		DataRate	Frequency	Target	Average power
11a	U-NII 1	6M	5 180	2	3.34
			5 220		2.52
			5 240		1.60
	U-NII 2A		5 260	2	1.31
			5 300		0.67
			5 320		0.41
	U-NII 2C		5 500	3.5	2.33
			5 580		2.91
			5 700		5.06
	U-NII 3		5 745	4	5.58
			5 785		3.55
			5 825		-2.38
11n20	U-NII 1	MCS0	5 180	2	3.26
			5 220		2.13
			5 240		1.28
	U-NII 2A		5 260	2	0.83
			5 300		0.25
			5 320		0.10
	U-NII 2C		5 500	3.5	1.93
			5 580		2.57
			5 700		4.62
	U-NII 3		5 745	4	5.11
			5 785		3.12
			5 825		-2.63
11ac20	U-NII 1	MCS0	5 180	2	3.14
			5 220		2.11
			5 240		1.26
	U-NII 2A		5 260	2	0.82
			5 300		0.23
			5 320		0.05
	U-NII 2C		5 500	3.5	1.92
			5 580		2.56
			5 700		4.55
	U-NII 3		5 745	4	5.08
			5 785		3.11
			5 825		-2.68
11n40	U-NII 1	MCS0	5 190	2	2.89
			5 230		1.72
	U-NII 2A		5 270	2	1.69
			5 310		0.97
	U-NII 2C		5 510	3.5	1.68
			5 550		2.50
			5 670		4.44
	U-NII 3		5 755	4	5.29
			5 795		4.77
11ac40	U-NII 1	MCS0	5 190	2	2.80
			5 230		1.69
	U-NII 2A		5 270	2	1.65
			5 310		0.92
	U-NII 2C		5 510	3.5	1.63
			5 550		2.48
			5 670		4.42
	U-NII 3		5 755	4	5.28
			5 795		4.74
11ac80	U-NII 1	MCS0	5 210	2	2.68
	U-NII 2A		5 290	2	0.88
	U-NII 2C		5 530	3.5	2.39
			5 610		3.60
	U-NII 3		5 775	4	4.17

(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.)

Mode	Band	DataRate	Frequency	Tones	Target	RU offset	Average power
11ax20	U-NII 1	MCS0	5 180	26T	-1	0	0.81
						4	0.64
						8	0.92
				52T	1	37	2.30
						38	2.11
						40	2.38
				106T	2	53	3.41
						54	3.50
				242T	2	61	3.46
				SU	2	-	3.47
			5 220	26T	-1	0	0.34
						4	-0.34
						8	-0.09
				52T	1	37	1.78
						38	1.47
						40	1.42
				106T	2	53	2.86
						54	2.54
				242T	2	61	2.68
				SU	2	-	2.78
			5 240	26T	-1	0	-0.78
						4	-1.34
						8	-0.96
				52T	1	37	1.34
						38	1.04
						40	1.08
				106T	2	53	1.65
						54	1.62
				242T	2	61	1.58
				SU	2	-	1.60
11ax20	U-NII 2A	MCS0	5 260	26T	-1	0	-1.38
						4	-1.69
						8	-1.29
				52T	1	37	-0.25
						38	-0.55
						40	-0.15
				106T	2	53	1.18
						54	1.36
				242T	2	61	1.34
				SU	2	-	1.39
			5 300	26T	-1	0	-1.78
						4	-2.31
						8	-2.18
				52T	1	37	0.24
						38	0.02
						40	-0.15
				106T	2	53	0.50
						54	0.28
				242T	2	61	0.32
				SU	2	-	0.35
			5 320	26T	-1	0	-2.24
						4	-2.83
						8	-2.40
				52T	1	37	-0.25
						38	-0.62
						40	-0.38
				106T	2	53	0.21
						54	0.14
				242T	2	61	0.16
				SU	2	-	0.21

(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.)

Mode	Band	DataRate	Frequency	Tones	Target	RU offset	Average power
11ax20	U-NII 2C	MCS0	5 500	26T	2	0	0.66
						4	0.10
						8	0.16
				52T	3.5	37	2.34
						38	2.02
						40	1.94
				106T	3.5	53	2.31
						54	2.01
				242T	3.5	61	2.05
				SU	3.5	-	2.44
			5 580	26T	2	0	1.27
						4	0.57
						8	0.77
				52T	3.5	37	2.97
						38	2.63
						40	2.53
				106T	3.5	53	2.94
						54	2.61
				242T	3.5	61	2.76
				SU	3.5	-	3.05
			5 700	26T	2	0	3.42
						4	3.14
						8	3.78
				52T	3.5	37	5.25
						38	4.97
						40	5.41
				106T	3.5	53	5.13
						54	5.28
				242T	3.5	61	5.29
				SU	3.5	-	5.38
11ax20	U-NII 3	MCS0	5 745	26T	4	0	5.05
						4	4.31
						8	4.47
				52T	4	37	4.87
						38	4.53
						40	4.23
				106T	4	53	4.80
						54	4.40
				242T	4	61	4.60
				SU	4	-	4.93
			5 785	26T	4	0	3.70
						4	2.44
						8	2.18
				52T	4	37	3.43
						38	2.79
						40	2.10
				106T	4	53	3.25
						54	2.27
				242T	4	61	2.75
				SU	4	-	2.98
			5 825	26T	4	0	5.38
						4	-0.07
						8	-8.53
				52T	4	37	4.93
						38	2.57
						40	-7.54
				106T	4	53	3.97
						54	-4.51
				242T	4	61	2.96
				SU	4	-	3.42

(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.)

Mode	Band	DataRate	Frequency	Tones	Target	RU offset	Average power
11ax40	U-NII 1	MCS0	5 190	26T	-1	0	0.64
						9	0.40
						17	0.45
				52T	1	37	1.91
						41	1.92
						44	2.11
				106T	2	53	2.74
						54	2.68
						56	2.90
				242T	2	61	2.79
						62	2.85
				484T	2	65	2.87
				SU	2	-	2.68
			5 230	26T	-1	0	-0.16
						9	-0.95
						17	-1.00
				52T	1	37	1.36
						41	0.67
						44	0.72
				106T	2	53	3.14
						54	2.72
						56	2.53
				242T	2	61	2.92
						62	2.62
				484T	2	65	2.72
				SU	2	-	2.49
11ax40	U-NII 2A	MCS0	5 270	26T	-1	0	-1.81
						9	-2.02
						17	-2.03
				52T	1	37	0.51
						41	0.35
						44	0.29
				106T	2	53	1.64
						54	1.61
						56	1.58
				242T	2	61	1.69
						62	1.66
				484T	2	65	1.72
				SU	2	-	1.50
			5 310	26T	-1	0	-2.27
						9	-2.87
						17	-2.89
				52T	1	37	0.00
						41	-0.70
						44	-0.59
				106T	2	53	1.15
						54	0.61
						56	0.57
				242T	2	61	0.90
						62	0.50
				484T	2	65	0.72
				SU	2	-	0.48

(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.)

Mode	Band	DataRate	Frequency	Tones	Target	RU offset	Average power
11ax40	U-NII 2C	MCS0	5 510	26T	2	0	0.62
						9	0.15
						17	0.05
				52T	3.5	37	2.59
						41	1.74
						44	1.62
				106T	3.5	53	2.49
						54	2.05
						56	1.57
				242T	3.5	61	2.41
						62	1.54
				484T	3.5	65	1.77
				SU	3.5	-	1.72
			5 550	26T	2	0	1.01
						9	0.69
						17	0.79
				52T	3.5	37	2.82
						41	2.57
						44	2.78
				106T	3.5	53	2.79
						54	2.59
						56	2.70
				242T	3.5	61	2.61
						62	2.58
				484T	3.5	65	2.58
				SU	3.5	-	2.48
			5 670	26T	2	0	3.84
						9	3.00
						17	3.52
				52T	3.5	37	5.23
						41	4.98
						44	5.31
				106T	3.5	53	5.29
						54	5.00
						56	5.31
				242T	3.5	61	5.02
						62	5.05
				484T	3.5	65	5.00
				SU	3.5	-	4.83
11ax40	U-NII 3	MCS0	5 755	26T	4	0	4.60
						9	3.42
						17	2.40
				52T	4	37	4.63
						41	3.49
						44	2.55
				106T	4	53	4.61
						54	4.00
						56	2.80
				242T	4	61	4.24
						62	3.02
				484T	4	65	3.63
				SU	4	-	3.35
			5 795	26T	4	0	4.99
						9	3.07
						17	2.16
				52T	4	37	4.98
						41	3.23
						44	2.43
				106T	4	53	4.67
						54	3.70
						56	2.60
				242T	4	61	4.22
						62	2.76
				484T	4	65	3.57
				SU	4	-	3.27

(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.)

Mode	Band	DataRate	Frequency	Tones	Target	RU offset	Average power
11ax80	U-NII 1	MCS0	5 210	26T	-1	0	-0.61
						18	-0.23
						36	-0.41
				52T	1	37	1.47
						45	1.22
						52	1.01
				106T	2	53	2.51
						57	2.22
						60	2.13
				242T	2	61	2.51
						62	2.27
						64	2.37
				484T	2	65	2.36
						66	2.16
				996T	2	67	2.25
				SU	2	-	1.82
11ax80	U-NII 2A	MCS0	5 290	26T	-1	0	-1.62
						18	-1.66
						36	-1.29
				52T	1	37	0.82
						45	0.13
						52	0.42
				106T	2	53	1.95
						57	1.10
						60	1.42
				242T	2	61	1.97
						62	1.52
						64	1.39
				484T	2	65	1.70
						66	1.20
				996T	2	67	1.36
				SU	2	-	0.98

(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.)

Mode	Band	DataRate	Frequency	Tones	Target	RU offset	Average power
11ax80	U-NII 2C	MCS0	5 530	26T	2	0	2.61
						18	2.25
						36	1.79
				52T	3.5	37	3.47
						45	3.35
						52	2.88
				106T	3.5	53	4.62
						57	4.41
						60	4.02
				242T	3.5	61	4.51
						62	4.47
						64	4.14
				484T	3.5	65	4.42
						66	4.18
				996T	3.5	67	4.12
				SU	3.5	-	3.82
			5 610	26T	2	0	2.46
						18	1.46
						36	1.50
				52T	3.5	37	3.53
						45	2.40
						52	2.67
				106T	3.5	53	4.53
						57	3.58
						60	3.71
				242T	3.5	61	4.50
						62	3.83
						64	3.78
				484T	3.5	65	4.19
						66	3.61
				996T	3.5	67	3.74
				SU	3.5	-	3.29
11ax80	U-NII 3	MCS0	5 775	26T	4	0	4.70
						18	3.77
						36	3.36
				52T	4	37	4.59
						45	3.59
						52	3.30
				106T	4	53	4.70
						57	3.51
						60	3.29
				242T	4	61	4.69
						62	4.28
						64	3.29
				484T	4	65	4.39
						66	3.17
				996T	4	67	3.68
				SU	4	-	3.30

(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.)

Appendix E.4.5 WLAN 5GHz WLAN Ant4

Mode	Band	DataRate	Frequency	Target	Average Power
11a	U-NII 1	6M	5 180	2	3.34
			5 220		2.52
			5 240		1.60
	U-NII 2A		5 260	2	1.31
			5 300		0.67
			5 320		0.41
	U-NII 2C		5 500	3.5	2.33
			5 580		2.91
			5 700		5.06
	U-NII 3		5 745	4	5.58
			5 785		3.55
			5 825		-2.38
11n20	U-NII 1	MCS0	5 180	2	3.26
			5 220		2.13
			5 240		1.28
	U-NII 2A		5 260	2	0.83
			5 300		0.25
			5 320		0.10
	U-NII 2C		5 500	3.5	1.93
			5 580		2.57
			5 700		4.62
	U-NII 3		5 745	4	5.11
			5 785		3.12
			5 825		-2.63
11ac20	U-NII 1	MCS0	5 180	2	3.14
			5 220		2.11
			5 240		1.26
	U-NII 2A		5 260	2	0.82
			5 300		0.23
			5 320		0.05
	U-NII 2C		5 500	3.5	1.92
			5 580		2.56
			5 700		4.55
	U-NII 3		5 745	4	5.08
			5 785		3.11
			5 825		-2.68
11n40	U-NII 1	MCS0	5 190	2	2.89
			5 230		1.72
	U-NII 2A		5 270	2	1.69
			5 310		0.97
	U-NII 2C		5 510	3.5	1.68
			5 550		2.50
			5 670		4.44
	U-NII 3		5 755	4	5.29
			5 795		4.77
11ac40	U-NII 1	MCS0	5 190	2	2.80
			5 230		1.69
	U-NII 2A		5 270	2	1.65
			5 310		0.92
	U-NII 2C		5 510	3.5	1.63
			5 550		2.48
			5 670		4.42
	U-NII 3		5 755	4	5.28
			5 795		4.74
11ac80	U-NII 1	MCS0	5 210	2	2.68
	U-NII 2A		5 290	2	0.88
	U-NII 2C		5 530	3.5	2.39
			5 610		3.60
	U-NII 3		5 775	4	4.17

(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.)

Mode	Band	DataRate	Frequency	Tones	Target	RU offset	Average power
11ax20	U-NII 1	MCS0	5 180	26T	-1	0	0.81
						4	0.64
						8	0.92
				52T	1	37	2.30
						38	2.11
						40	2.38
				106T	2	53	3.41
						54	3.50
				242T	2	61	3.46
				SU	2	-	3.47
			5 220	26T	-1	0	0.34
						4	-0.34
						8	-0.09
				52T	1	37	1.78
						38	1.47
						40	1.42
				106T	2	53	2.86
						54	2.54
				242T	2	61	2.68
				SU	2	-	2.78
			5 240	26T	-1	0	-0.78
						4	-1.34
						8	-0.96
				52T	1	37	1.34
						38	1.04
						40	1.08
				106T	2	53	1.65
						54	1.62
				242T	2	61	1.58
				SU	2	-	1.60
11ax20	U-NII 2A	MCS0	5 260	26T	-1	0	-1.38
						4	-1.69
						8	-1.29
				52T	1	37	-0.25
						38	-0.55
						40	-0.15
				106T	2	53	1.18
						54	1.36
				242T	2	61	1.34
				SU	2	-	1.39
			5 300	26T	-1	0	-1.78
						4	-2.31
						8	-2.18
				52T	1	37	0.24
						38	0.02
						40	-0.15
				106T	2	53	0.50
						54	0.28
				242T	2	61	0.32
				SU	2	-	0.35
			5 320	26T	-1	0	-2.24
						4	-2.83
						8	-2.40
				52T	1	37	-0.25
						38	-0.62
						40	-0.38
				106T	2	53	0.21
						54	0.14
				242T	2	61	0.16
				SU	2	-	0.21

(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.)

Mode	Band	DataRate	Frequency	Tones	Target	RU offset	Average power
11ax20	U-NII 2C	MCS0	5 500	26T	2	0	0.66
						4	0.10
						8	0.16
				52T	3.5	37	2.34
						38	2.02
						40	1.94
				106T	3.5	53	2.31
						54	2.01
				242T	3.5	61	2.05
				SU	3.5	-	2.44
			5 580	26T	2	0	1.27
						4	0.57
						8	0.77
				52T	3.5	37	2.97
						38	2.63
						40	2.53
				106T	3.5	53	2.94
						54	2.61
				242T	3.5	61	2.76
				SU	3.5	-	3.05
			5 700	26T	2	0	3.42
						4	3.14
						8	3.78
				52T	3.5	37	5.25
						38	4.97
						40	5.41
				106T	3.5	53	5.13
						54	5.28
				242T	3.5	61	5.29
				SU	3.5	-	5.38
11ax20	U-NII 3	MCS0	5 745	26T	4	0	5.05
						4	4.31
						8	4.47
				52T	4	37	4.87
						38	4.53
						40	4.23
				106T	4	53	4.80
						54	4.40
				242T	4	61	4.60
				SU	4	-	4.93
			5 785	26T	4	0	3.70
						4	2.44
						8	2.18
				52T	4	37	3.43
						38	2.79
						40	2.10
				106T	4	53	3.25
						54	2.27
				242T	4	61	2.75
				SU	4	-	2.98
			5 825	26T	4	0	5.38
						4	-0.07
						8	-8.53
				52T	4	37	4.93
						38	2.57
						40	-7.54
				106T	4	53	3.97
						54	-4.51
				242T	4	61	2.96
				SU	4	-	3.42

(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.)

Mode	Band	DataRate	Frequency	Tones	Target	RU offset	Average power
11ax40	U-NII 1	MCS0	5 190	26T	-1	0	0.64
						9	0.40
						17	0.45
				52T	1	37	1.91
						41	1.92
						44	2.11
				106T	2	53	2.74
						54	2.68
						56	2.90
				242T	2	61	2.79
						62	2.85
				484T	2	65	2.87
				SU	2	-	2.68
			5 230	26T	-1	0	-0.16
						9	-0.95
						17	-1.00
				52T	1	37	1.36
						41	0.67
						44	0.72
				106T	2	53	3.14
						54	2.72
						56	2.53
				242T	2	61	2.92
						62	2.62
				484T	2	65	2.72
				SU	2	-	2.49
11ax40	U-NII 2A	MCS0	5 270	26T	-1	0	-1.81
						9	-2.02
						17	-2.03
				52T	1	37	0.51
						41	0.35
						44	0.29
				106T	2	53	1.64
						54	1.61
						56	1.58
				242T	2	61	1.69
						62	1.66
				484T	2	65	1.72
				SU	2	-	1.50
			5 310	26T	-1	0	-2.27
						9	-2.87
						17	-2.89
				52T	1	37	0.00
						41	-0.70
						44	-0.59
				106T	2	53	1.15
						54	0.61
						56	0.57
				242T	2	61	0.90
						62	0.50
				484T	2	65	0.72
				SU	2	-	0.48

(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.)

Mode	Band	DataRate	Frequency	Tones	Target	RU offset	Average power
11ax40	U-NII 2C	MCS0	5 510	26T	2	0	0.62
						9	0.15
						17	0.05
				52T	3.5	37	2.59
						41	1.74
						44	1.62
				106T	3.5	53	2.49
						54	2.05
						56	1.57
				242T	3.5	61	2.41
						62	1.54
				484T	3.5	65	1.77
				SU	3.5	-	1.72
			5 550	26T	2	0	1.01
						9	0.69
						17	0.79
				52T	3.5	37	2.82
						41	2.57
						44	2.78
				106T	3.5	53	2.79
						54	2.59
						56	2.70
				242T	3.5	61	2.61
						62	2.58
				484T	3.5	65	2.58
				SU	3.5	-	2.48
			5 670	26T	2	0	3.84
						9	3.00
						17	3.52
				52T	3.5	37	5.23
						41	4.98
						44	5.31
				106T	3.5	53	5.29
						54	5.00
						56	5.31
				242T	3.5	61	5.02
						62	5.05
				484T	3.5	65	5.00
				SU	3.5	-	4.83
11ax40	U-NII 3	MCS0	5 755	26T	4	0	4.60
						9	3.42
						17	2.40
				52T	4	37	4.63
						41	3.49
						44	2.55
				106T	4	53	4.61
						54	4.00
						56	2.80
				242T	4	61	4.24
						62	3.02
				484T	4	65	3.63
				SU	4	-	3.35
			5 795	26T	4	0	4.99
						9	3.07
						17	2.16
				52T	4	37	4.98
						41	3.23
						44	2.43
				106T	4	53	4.67
						54	3.70
						56	2.60
				242T	4	61	4.22
						62	2.76
				484T	4	65	3.57
				SU	4	-	3.27

(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.)

Mode	Band	DataRate	Frequency	Tones	Target	RU offset	Average power
11ax80	U-NII 1	MCS0	5 210	26T	-1	0	-0.61
						18	-0.23
						36	-0.41
				52T	1	37	1.47
						45	1.22
						52	1.01
				106T	2	53	2.51
						57	2.22
						60	2.13
				242T	2	61	2.51
						62	2.27
						64	2.37
				484T	2	65	2.36
						66	2.16
				996T	2	67	2.25
				SU	2	-	1.82
11ax80	U-NII 2A	MCS0	5 290	26T	-1	0	-1.62
						18	-1.66
						36	-1.29
				52T	1	37	0.82
						45	0.13
						52	0.42
				106T	2	53	1.95
						57	1.10
						60	1.42
				242T	2	61	1.97
						62	1.52
						64	1.39
				484T	2	65	1.70
						66	1.20
				996T	2	67	1.36
				SU	2	-	0.98

(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.)

Mode	Band	DataRate	Frequency	Tones	Target	RU offset	Average power
11ax80	U-NII 2C	MCS0	5 530	26T	2	0	2.61
						18	2.25
						36	1.79
				52T	3.5	37	3.47
						45	3.35
						52	2.88
				106T	3.5	53	4.62
						57	4.41
						60	4.02
				242T	3.5	61	4.51
						62	4.47
						64	4.14
				484T	3.5	65	4.42
						66	4.18
				996T	3.5	67	4.12
				SU	3.5	-	3.82
			5 610	26T	2	0	2.46
						18	1.46
						36	1.50
				52T	3.5	37	3.53
						45	2.40
						52	2.67
				106T	3.5	53	4.53
						57	3.58
						60	3.71
				242T	3.5	61	4.50
						62	3.83
						64	3.78
				484T	3.5	65	4.19
						66	3.61
				996T	3.5	67	3.74
				SU	3.5	-	3.29
11ax80	U-NII 3	MCS0	5 775	26T	4	0	4.70
						18	3.77
						36	3.36
				52T	4	37	4.59
						45	3.59
						52	3.30
				106T	4	53	4.70
						57	3.51
						60	3.29
				242T	4	61	4.69
						62	4.28
						64	3.29
				484T	4	65	4.39
						66	3.17
				996T	4	67	3.68
				SU	4	-	3.30

(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.)

Appendix E.4.6 WLAN 5GHz WLAN MIMO

Mode	Band	DataRate	Frequency	Target	Average Power
11a	U-NII 1	6M	5 180	2	2.30
			5 220		1.53
			5 240		1.13
	U-NII 2A		5 260	2	2.07
			5 300		1.81
			5 320		1.66
	U-NII 2C		5 500	3.5	2.81
			5 580		3.04
			5 700		3.51
	U-NII 3		5 745	4	4.51
			5 785		3.95
			5 825		-2.60
11n20	U-NII 1	MCS0	5 180	2	2.21
			5 220		1.53
			5 240		1.04
	U-NII 2A		5 260	2	1.91
			5 300		1.67
			5 320		1.46
	U-NII 2C		5 500	3.5	2.50
			5 580		2.76
			5 700		3.28
	U-NII 3		5 745	4	4.33
			5 785		3.68
			5 825		-3.37
11ac20	U-NII 1	MCS0	5 180	2	2.11
			5 220		1.57
			5 240		1.01
	U-NII 2A		5 260	2	0.91
			5 300		0.66
			5 320		0.44
	U-NII 2C		5 500	3.5	2.47
			5 580		2.68
			5 700		3.19
	U-NII 3		5 745	4	4.28
			5 785		3.65
			5 825		-3.66
11n40	U-NII 1	MCS0	5 190	2	2.01
			5 230		1.14
	U-NII 2A		5 270	2	0.80
			5 310		0.44
	U-NII 2C		5 510	3.5	3.40
			5 550		3.71
			5 670		4.17
	U-NII 3		5 755	4	4.98
			5 795		4.52
11ac40	U-NII 1	MCS0	5 190	2	1.99
			5 230		1.17
	U-NII 2A		5 270	2	0.80
			5 310		0.41
	U-NII 2C		5 510	3.5	3.25
			5 550		3.84
			5 670		4.09
	U-NII 3		5 755	4	4.96
			5 795		4.47
11ac80	U-NII 1	MCS0	5 210	2	1.89
	U-NII 2A		5 290	2	0.96
	U-NII 2C		5 530	3.5	2.88
			5 610		3.11
	U-NII 3		5 775	4	3.94

(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.)

Mode	Band	DataRate	Frequency	Tones	Target	RU offset	Average Power
11ax20	U-NII 1	MCS0	5 180	26T	-1	0	-0.22
						4	-0.54
						8	0.36
				52T	1	37	1.69
						38	1.95
						40	2.14
				106T	2	53	1.15
						54	1.67
				242T	2	61	2.21
				SU	2	-	2.25
			5 220	26T	-1	0	-2.25
						4	-2.50
						8	-2.03
				52T	1	37	1.16
						38	1.34
						40	1.40
				106T	2	53	1.41
						54	1.35
				242T	2	61	1.30
				SU	2	-	1.51
			5 240	26T	-1	0	-2.66
						4	-2.90
						8	-2.37
				52T	1	37	0.59
						38	0.73
						40	0.77
				106T	2	53	0.74
						54	0.73
				242T	2	61	0.72
				SU	2	-	0.89
11ax20	U-NII 2A	MCS0	5 260	26T	-1	0	-2.54
						4	-2.69
						8	-2.04
				52T	1	37	0.46
						38	0.66
						40	0.77
				106T	2	53	0.70
						54	0.72
				242T	2	61	0.66
				SU	2	-	0.82
			5 300	26T	-1	0	-2.55
						4	-2.88
						8	-2.43
				52T	1	37	0.17
						38	0.30
						40	0.15
				106T	2	53	0.43
						54	0.14
				242T	2	61	0.21
				SU	2	-	1.40
			5 320	26T	-1	0	-2.71
						4	-2.88
						8	-2.55
				52T	1	37	-0.11
						38	-0.03
						40	-0.06
				106T	2	53	0.19
						54	0.18
				242T	2	61	0.12
				SU	2	-	0.26

(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.)

Mode	Band	DataRate	Frequency	Tones	Target	RU offset	Average Power
11ax20	U-NII 2C	MCS0	5 500	26T	2	0	1.84
						4	1.60
						8	1.98
				52T	3.5	37	3.77
						38	3.59
						40	3.55
				106T	3.5	53	3.61
						54	3.67
				242T	3.5	61	3.62
				SU	3.5	-	3.78
			5 580	26T	2	0	2.22
						4	1.61
						8	1.98
				52T	3.5	37	3.89
						38	3.80
						40	3.79
				106T	3.5	53	3.88
						54	3.83
				242T	3.5	61	3.85
				SU	3.5	-	3.90
			5 700	26T	2	0	2.74
						4	2.53
						8	3.23
				52T	3.5	37	4.56
						38	4.58
						40	4.99
				106T	3.5	53	4.67
						54	4.91
				242T	3.5	61	4.74
				SU	3.5	-	5.02
11ax20	U-NII 3	MCS0	5 745	26T	4	0	4.94
						4	4.27
						8	4.56
				52T	4	37	4.74
						38	4.61
						40	4.43
				106T	4	53	4.74
						54	4.39
				242T	4	61	4.63
				SU	4	-	4.96
			5 785	26T	4	0	3.94
						4	3.78
						8	3.83
				52T	4	37	4.10
						38	4.04
						40	3.71
				106T	4	53	4.26
						54	3.70
				242T	4	61	3.96
				SU	4	-	4.29
			5 825	26T	4	0	5.42
						4	-1.20
						8	-10.98
				52T	4	37	4.92
						38	2.43
						40	-8.22
				106T	4	53	4.01
						54	-5.01
				242T	4	61	3.11
				SU	4	-	5.78

(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.)

Mode	Band	DataRate	Frequency	Tones	Target	RU offset	Average Power
11ax40	U-NII 1	MCS0	5 190	26T	-1	0	-0.51
						9	-0.74
						17	-0.05
				52T	1	37	0.84
						41	0.73
						44	0.89
				106T	2	53	1.86
						54	1.86
						56	1.69
				242T	2	61	1.84
						62	1.61
				484T	2	65	1.63
				SU	2	-	1.93
			5 230	26T	-1	0	-1.72
						9	-2.27
						17	-2.09
				52T	1	37	0.39
						41	-0.16
						44	-0.09
				106T	2	53	1.43
						54	1.16
						56	0.65
				242T	2	61	0.92
						62	0.58
				484T	2	65	0.74
				SU	2	-	2.28
11ax40	U-NII 2A	MCS0	5 270	26T	-1	0	-2.26
						9	-2.76
						17	-2.60
				52T	1	37	-0.10
						41	-0.46
						44	-0.54
				106T	2	53	0.80
						54	0.60
						56	0.24
				242T	2	61	0.43
						62	0.29
				484T	2	65	0.42
				SU	2	-	0.85
			5 310	26T	-1	0	-2.36
						9	-2.89
						17	-2.74
				52T	1	37	-0.20
						41	-0.98
						44	-0.92
				106T	2	53	0.70
						54	0.26
						56	0.20
				242T	2	61	0.21
						62	0.11
				484T	2	65	0.06
				SU	2	-	1.39

(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.)

Mode	Band	DataRate	Frequency	Tones	Target	RU offset	Average Power
11ax40	U-NII 2C	MCS0	5 510	26T	2	0	1.71
						9	1.15
						17	0.93
				52T	3.5	37	3.63
						41	3.11
						44	2.94
				106T	3.5	53	3.70
						54	3.37
						56	2.97
				242T	3.5	61	3.48
						62	2.99
				484T	3.5	65	3.27
				SU	3.5	-	3.91
			5 550	26T	2	0	2.04
						9	1.68
						17	1.90
				52T	3.5	37	3.94
						41	3.61
						44	3.81
				106T	3.5	53	3.81
						54	3.67
						56	3.81
				242T	3.5	61	3.74
						62	3.65
				484T	3.5	65	3.70
				SU	3.5	-	4.36
			5 670	26T	2	0	2.07
						9	1.51
						17	1.80
				52T	3.5	37	4.11
						41	3.59
						44	3.91
				106T	3.5	53	4.14
						54	3.77
						56	3.77
				242T	3.5	61	3.91
						62	3.65
				484T	3.5	65	3.74
				SU	3.5	-	4.27
11ax40	U-NII 3	MCS0	5 755	26T	4	0	5.05
						9	4.23
						17	3.86
				52T	4	37	5.41
						41	4.18
						44	3.91
				106T	4	53	5.30
						54	4.71
						56	3.88
				242T	4	61	4.94
						62	3.97
				484T	4	65	4.47
				SU	4	-	5.44
			5 795	26T	4	0	5.45
						9	4.06
						17	2.40
				52T	4	37	5.22
						41	3.99
						44	2.70
				106T	4	53	5.16
						54	4.45
						56	3.03
				242T	4	61	4.77
						62	3.39
				484T	4	65	4.18
				SU	4	-	5.90

(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.)

Mode	Band	DataRate	Frequency	Tones	Target	RU offset	Average Power
11ax80	U-NII 1	MCS0	5 210	26T	-1	0	-0.40
						18	-0.89
						36	-0.95
				52T	1	37	2.05
						45	1.06
						52	1.29
				106T	2	53	1.38
						57	1.06
						60	1.04
				242T	2	61	2.21
						62	1.95
						64	2.05
				484T	2	65	2.17
						66	2.05
				996T	2	67	2.02
				SU	2	-	2.30
11ax80	U-NII 2A	MCS0	5 290	26T	-1	0	-0.83
						18	-1.58
						36	-1.32
				52T	1	37	1.12
						45	0.32
						52	0.64
				106T	2	53	0.87
						57	0.23
						60	0.34
				242T	2	61	1.90
						62	1.48
						64	1.36
				484T	2	65	1.55
						66	1.23
				996T	2	67	1.32
				SU	2	-	1.94
11ax80	U-NII 2C	MCS0	5 530	26T	2	0	2.58
						18	2.22
						36	1.98
				52T	3.5	37	4.28
						45	3.78
						52	3.65
				106T	3.5	53	4.18
						57	3.74
						60	3.53
				242T	3.5	61	4.08
						62	3.90
						64	3.52
				484T	3.5	65	3.83
						66	3.51
				996T	3.5	67	3.53
				SU	3.5	-	4.34
		MCS0	5 610	26T	2	0	2.45
						18	1.64
						36	1.67
				52T	3.5	37	4.11
						45	3.26
						52	3.41
				106T	3.5	53	4.09
						57	3.18
						60	3.21
				242T	3.5	61	3.97
						62	3.52
						64	3.12
				484T	3.5	65	3.61
						66	3.07
				996T	3.5	67	3.47
				SU	3.5	-	4.78
11ax80	U-NII 3	MCS0	5 775	26T	4	0	5.03
						18	4.13
						36	4.00
				52T	4	37	4.89
						45	4.10
						52	3.92
				106T	4	53	4.81
						57	3.99
						60	3.80
				242T	4	61	4.87
						62	4.52
						64	3.81
				484T	4	65	4.56
						66	3.82
				996T	4	67	4.08
				SU	4	-	5.58

(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.)

Appendix E.4.7 WLAN 6GHz WLAN Ant3

Mode	Band	DataRate	Frequency	Target	Average Power
11a	U-NII 5	6M	5 955	-3	-2.73
			6 175		-3.12
			6 415		-2.56
	U-NII 7		6 535		-3.06
			6 695		-3.39
			6 855		-3.49

Mode	Band	DataRate	Frequency	Tones	Target	RU offset	Average power
11ax20	U-NII 5	MCS0	5 955	26T	-9	0	-13.59
						4	-11.26
						8	-9.23
				52T	-7	37	-10.71
						38	-8.89
						40	-6.15
				106T	-5	53	-7.48
						54	-4.52
				242T	-3	61	-3.62
				SU	-3	-	-4.57
			6 175	26T	-9	0	-9.08
						4	-9.38
						8	-8.81
				52T	-7	37	-6.06
						38	-6.23
						40	-6.13
				106T	-5	53	-5.04
						54	-4.84
				242T	-3	61	-3.84
				SU	-3	-	-4.61
			6 415	26T	-9	0	-8.50
						4	-9.05
						8	-8.89
				52T	-7	37	-6.82
						38	-7.05
						40	-6.94
				106T	-5	53	-4.72
						54	-4.66
				242T	-3	61	-4.01
				SU	-3	-	-2.76
11ax20	U-NII 7	MCS0	6 535	26T	-9	0	-9.74
						4	-10.42
						8	-10.03
				52T	-7	37	-7.12
						38	-7.40
						40	-7.54
				106T	-5	53	-4.08
						54	-4.46
				242T	-3	61	-2.26
				SU	-3	-	-3.07
			6 695	26T	-9	0	-9.08
						4	-9.42
						8	-8.88
				52T	-7	37	-7.15
						38	-7.44
						40	-7.32
				106T	-5	53	-4.27
						54	-4.42
				242T	-3	61	-2.49
				SU	-3	-	-3.29
			6 855	26T	-9	0	-7.51
						4	-7.81
						8	-7.28
				52T	-7	37	-5.58
						38	-5.81
						40	-5.65
				106T	-5	53	-4.54
						54	-4.49
				242T	-3	61	-2.47
				SU	-3	-	-3.28

(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.)

Mode	Band	DataRate	Frequency	Tones	Target	RU offset	Average power
11ax40	U-NII 5	MCS0	5 965	26T	-9	0	-18.03
						9	-12.48
						17	-8.54
				52T	-7	37	-16.09
						41	-10.41
						44	-6.86
				106T	-5	53	-13.14
						54	-10.22
						56	-4.14
				242T	-3	61	-7.51
						62	-3.40
				484T	-1	65	-2.54
				SU	-1	-	-2.81
			6 145	26T	-9	0	-8.61
						9	-9.01
						17	-9.31
				52T	-7	37	-6.63
						41	-7.11
						44	-7.31
				106T	-5	53	-4.69
						54	-4.96
						56	-5.25
				242T	-3	61	-3.77
						62	-4.09
				484T	-1	65	-0.76
				SU	-1	-	-0.98
			6 405	26T	-9	0	-9.02
						9	-9.73
						17	-9.56
				52T	-7	37	-6.76
						41	-6.83
						44	-6.86
				106T	-5	53	-5.05
						54	-5.21
						56	-5.42
				242T	-3	61	-2.25
						62	-2.33
				484T	-1	65	-1.13
				SU	-1	-	-1.35
11ax40	U-NII 7	MCS0	6 565	26T	-9	0	-9.25
						9	-9.91
						17	-9.74
				52T	-7	37	-7.41
						41	-8.10
						44	-7.90
				106T	-5	53	-5.44
						54	-5.67
						56	-5.92
				242T	-3	61	-2.55
						62	-2.84
				484T	-1	65	-0.56
				SU	-1	-	-0.68
			6 685	26T	-9	0	-8.67
						9	-8.98
						17	-8.84
				52T	-7	37	-6.66
						41	-6.88
						44	-6.78
				106T	-5	53	-3.36
						54	-3.90
						56	-4.40
				242T	-3	61	-2.64
						62	-3.29
				484T	-1	65	-1.71
				SU	-1	-	-1.92
			6 845	26T	-9	0	-9.45
						9	-9.32
						17	-8.70
				52T	-7	37	-7.52
						41	-7.17
						44	-6.63
				106T	-5	53	-5.54
						54	-5.41
						56	-4.74
				242T	-3	61	-2.05
						62	-2.07
				484T	-1	65	-0.87
				SU	-1	-	-1.10

(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.)

Mode	Band	DataRate	Frequency	Tones	Target	RU offset	Average power
11ax80	U-NII 5	MCS0	5 985	26T	-9	0	-17.80
						18	-8.48
						36	-10.90
				52T	-7	37	-15.20
						45	-5.41
						52	-8.42
				106T	-5	53	-13.08
						57	-3.59
						60	-6.28
				242T	-3	61	-8.30
						62	-4.30
						64	-1.58
				484T	-1	65	-4.93
						66	-0.37
				996T	1	67	0.36
				SU	1	-	1.12
			6 145	26T	-9	0	-8.85
						18	-8.52
						36	-8.49
				52T	-7	37	-6.65
						45	-6.02
						52	-6.11
				106T	-5	53	-4.02
						57	-4.63
						60	-4.72
				242T	-3	61	-3.01
						62	-3.49
						64	-3.55
				484T	-1	65	-1.41
						66	-1.36
				996T	1	67	1.50
				SU	1	-	1.08
			6 385	26T	-9	0	-7.77
						18	-8.77
						36	-10.28
				52T	-7	37	-5.44
						45	-7.06
						52	-8.03
				106T	-5	53	-3.51
						57	-4.94
						60	-6.11
				242T	-3	61	-2.76
						62	-3.44
						64	-4.88
				484T	-1	65	-1.55
						66	-1.63
				996T	1	67	-1.44
				SU	1	-	-1.04
11ax80	U-NII 7	MCS0	6 625	26T	-9	0	-9.82
						18	-10.27
						36	-10.20
				52T	-7	37	-7.05
						45	-8.28
						52	-8.35
				106T	-5	53	-5.13
						57	-6.23
						60	-6.43
				242T	-3	61	-3.13
						62	-3.79
						64	-4.29
				484T	-1	65	-1.71
						66	-2.50
				996T	1	67	-1.03
				SU	1	-	-1.47
			6 705	26T	-9	0	-9.16
						18	-9.65
						36	-9.30
				52T	-7	37	-6.75
						45	-7.61
						52	-7.59
				106T	-5	53	-4.26
						57	-5.22
						60	-5.31
				242T	-3	61	-2.56
						62	-3.08
						64	-3.39
				484T	-1	65	-0.96
						66	-1.48
				996T	1	67	1.53
				SU	1	-	1.16

(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.)

Mode	Band	DataRate	Frequency	Tones	Target	RU offset	Average power
11ax80	U-NII 7	MCS0	6 785	26T	-9	0	-9.06
						18	-8.84
						36	-8.58
				52T	-7	37	-7.15
						45	-6.84
						52	-6.60
				106T	-5	53	-4.21
						57	-4.90
						60	-4.96
				242T	-3	61	-2.43
						62	-2.81
						64	-3.03
				484T	-1	65	-0.60
						66	-0.95
				996T	1	67	1.32
				SU	1	-	1.01

(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.)

Mode	Band	DataRate	Frequency	Tones	Target	RU offset	Average power
11ax160	U-NII 5	MCS0	6 025 (80L)	26T	-9	0	-16.23
						18	-7.42
						36	-8.93
				52T	-7	37	-16.15
						45	-6.36
						52	-7.92
				106T	-5	53	-13.09
						57	-4.01
						60	-5.86
				242T	-3	61	-10.07
						62	-3.94
						64	-4.51
				484T	-1	65	-2.36
						66	-1.28
				996T	1	67	0.18
			6 025 (80U)	26T	-9	0	-8.55
						18	-9.53
						36	-8.97
				52T	-7	37	-7.59
						45	-7.63
						52	-7.56
				106T	-5	53	-4.81
						57	-5.43
						60	-5.10
				242T	-3	61	-3.76
						62	-4.20
						64	-3.54
				484T	-1	65	-1.68
						66	-1.34
				996T	1	67	0.81
			6 025	996*2T	1	68	1.18
				SU	1	-	1.12
		MCS0	6 185 (80L)	26T	-9	0	-9.98
						18	-9.09
						36	-8.17
				52T	-7	37	-8.16
						45	-7.17
						52	-6.53
				106T	-5	53	-6.18
						57	-5.00
						60	-4.33
				242T	-3	61	-3.62
						62	-3.68
						64	-3.59
				484T	-1	65	-1.70
						66	-1.56
				996T	1	67	-0.03
			6 185 (80U)	26T	-9	0	-9.37
						18	-8.71
						36	-9.45
				52T	-7	37	-7.72
						45	-7.71
						52	-8.42
				106T	-5	53	-6.41
						57	-5.65
						60	-6.34
				242T	-3	61	-4.21
						62	-3.85
						64	-4.07
				484T	-1	65	-2.40
						66	-1.48
				996T	1	67	-0.30
			6 185	996*2T	1	68	0.82
				SU	1	-	1.50
		MCS0	6 345 (80L)	26T	-9	0	-8.10
						18	-8.69
						36	-10.24
				52T	-7	37	-6.14
						45	-6.82
						52	-8.27
				106T	-5	53	-4.60
						57	-5.35
						60	-6.85
				242T	-3	61	-3.16
						62	-3.42
						64	-4.89
				484T	-1	65	-1.67
						66	-1.69
				996T	1	67	-0.14

(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.)

Mode	Band	DataRate	Frequency	Tones	Target	RU offset	Average power
			6 345 (80U)	26T	-9	0	-10.22
						18	-10.76
						36	-10.26
				52T	-7	37	-7.23
						45	-7.51
						52	-7.36
				106T	-5	53	-5.32
						57	-5.85
						60	-5.46
				242T	-3	61	-3.47
						62	-3.94
						64	-3.61
				484T	-1	65	-1.59
						66	-1.31
				996T	1	67	1.42
			6 345	996*2T	1	68	1.06
				SU	1	-	1.70
11ax160	U-NII 7	MCS0	6 665 (80L)	26T	-9	0	-8.20
						18	-8.57
						36	-8.75
				52T	-7	37	-7.48
						45	-7.92
						52	-8.07
				106T	-5	53	-4.06
						57	-5.02
						60	-5.96
				242T	-3	61	-1.88
						62	-2.19
						64	-3.66
				484T	-1	65	0.01
						66	-1.35
				996T	1	67	1.01
			6 665 (80U)	26T	-9	0	-8.04
						18	-8.48
						36	-8.57
				52T	-7	37	-7.51
						45	-7.53
						52	-7.61
				106T	-5	53	-5.56
						57	-6.02
						60	-6.71
				242T	-3	61	-4.11
						62	-4.44
						64	-4.48
				484T	-1	65	-2.21
						66	-2.54
				996T	1	67	-0.75
			6 665	996*2T	1	68	0.66
				SU	1	-	1.38

(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.)

Appendix E.4.8 WLAN 6GHz WLAN MIMO

Mode	Band	DataRate	Frequency	Target	Average power
11a	U-NII 5	6M	5 955	-3	-2.92
			6 175		-2.21
			6 415		-2.34
	U-NII 7		6 535		-3.21
			6 695		-3.28
			6 855		-3.51

Mode	Band	DataRate	Frequency	Tones	Target	RU offset	Average power
11ax20	U-NII 5	MCS0	5 955	26T	-9	0	-11.70
						4	-11.15
						8	-9.12
				52T	-7	37	-10.08
						38	-8.88
						40	-5.95
				106T	-5	53	-6.22
						54	-3.84
				242T	-3	61	-3.02
				SU	-3	-	-2.90
			6 175	26T	-9	0	-7.68
						4	-8.00
						8	-7.57
				52T	-7	37	-5.92
						38	-6.13
						40	-5.73
				106T	-5	53	-4.04
						54	-3.87
				242T	-3	61	-2.86
				SU	-3	-	-2.83
			6 415	26T	-9	0	-8.46
						4	-9.00
						8	-8.78
				52T	-7	37	-5.38
						38	-5.41
						40	-5.67
				106T	-5	53	-4.31
						54	-4.61
				242T	-3	61	-3.56
				SU	-3	-	-2.57
11ax20	U-NII 7	MCS0	6 535	26T	-9	0	-8.43
						4	-8.78
						8	-8.22
				52T	-7	37	-6.65
						38	-6.49
						40	-6.38
				106T	-5	53	-4.33
						54	-4.48
				242T	-3	61	-1.47
				SU	-3	-	-1.17
			6 695	26T	-9	0	-8.58
						4	-9.01
						8	-8.44
				52T	-7	37	-6.63
						38	-6.69
						40	-6.48
				106T	-5	53	-4.38
						54	-4.41
				242T	-3	61	-2.79
				SU	-3	-	-2.61
			6 855	26T	-9	0	-8.90
						4	-9.31
						8	-8.88
				52T	-7	37	-7.00
						38	-7.18
						40	-6.87
				106T	-5	53	-4.87
						54	-4.77
				242T	-3	61	-3.44
				SU	-3	-	-3.35

(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.)

Mode	Band	DataRate	Frequency	Tones	Target	RU offset	Average power
11ax40	U-NII 5	MCS0	5 965	26T	-9	0	-13.72
						9	-10.17
						17	-7.25
				52T	-7	37	-11.94
						41	-8.37
						44	-5.76
				106T	-5	53	-9.48
						54	-8.10
						56	-3.38
				242T	-3	61	-6.03
						62	-2.71
				484T	-1	65	-2.11
				SU	-1	-	-2.08
			6 145	26T	-9	0	-9.23
						9	-9.01
						17	-8.64
				52T	-7	37	-7.27
						41	-7.02
						44	-7.08
				106T	-5	53	-5.19
						54	-5.50
						56	-5.54
				242T	-3	61	-2.38
						62	-2.82
				484T	-1	65	-1.50
				SU	-1	-	-1.80
			6 405	26T	-9	0	-7.81
						9	-8.69
						17	-8.70
				52T	-7	37	-6.44
						41	-6.67
						44	-6.13
				106T	-5	53	-4.18
						54	-4.27
						56	-4.17
				242T	-3	61	-2.21
						62	-2.23
				484T	-1	65	-0.98
				SU	-1	-	-0.29
11ax40	U-NII 7	MCS0	6 565	26T	-9	0	-8.57
						9	-9.22
						17	-8.68
				52T	-7	37	-6.62
						41	-7.09
						44	-6.66
				106T	-5	53	-4.50
						54	-4.77
						56	-4.77
				242T	-3	61	-2.40
						62	-2.75
				484T	-1	65	-1.39
				SU	-1	-	-0.67
			6 685	26T	-9	0	-8.85
						9	-9.07
						17	-8.91
				52T	-7	37	-6.81
						41	-6.93
						44	-6.76
				106T	-5	53	-4.83
						54	-4.93
						56	-4.81
				242T	-3	61	-2.82
						62	-3.07
				484T	-1	65	-1.49
				SU	-1	-	-0.90
			6 845	26T	-9	0	-8.73
						9	-8.72
						17	-8.37
				52T	-7	37	-6.57
						41	-6.45
						44	-6.05
				106T	-5	53	-4.60
						54	-4.58
						56	-4.15
				242T	-3	61	-2.65
						62	-2.32
				484T	-1	65	-1.00
				SU	-1	-	-0.28

(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.)

Mode	Band	DataRate	Frequency	Tones	Target	RU offset	Average power
11ax80	U-NII 5	MCS0	5 985	26T	-9	0	-14.33
						18	-7.72
						36	-8.52
				52T	-7	37	-12.40
						45	-5.40
						52	-6.62
				106T	-5	53	-10.23
						57	-3.48
						60	-4.62
				242T	-3	61	-7.05
						62	-2.97
						64	-1.57
				484T	-1	65	-3.30
						66	0.37
				996T	1	67	0.63
				SU	1	-	1.58
			6 145	26T	-9	0	-9.03
						18	-8.87
						36	-8.12
				52T	-7	37	-5.79
						45	-6.91
						52	-7.08
				106T	-5	53	-4.72
						57	-4.29
						60	-4.01
				242T	-3	61	-3.59
						62	-3.53
						64	-2.75
				484T	-1	65	-1.31
						66	-1.40
				996T	1	67	0.70
				SU	1	-	1.32
			6 385	26T	-9	0	-7.59
						18	-8.54
						36	-9.38
				52T	-7	37	-5.14
						45	-6.60
						52	-7.38
				106T	-5	53	-3.26
						57	-4.49
						60	-5.52
				242T	-3	61	-2.38
						62	-3.07
						64	-4.56
				484T	-1	65	-1.01
						66	-1.47
				996T	1	67	1.35
				SU	1	-	1.78
11ax80	U-NII 7	MCS0	6 625	26T	-9	0	-9.00
						18	-9.45
						36	-9.27
				52T	-7	37	-6.60
						45	-7.05
						52	-7.39
				106T	-5	53	-4.51
						57	-5.24
						60	-5.18
				242T	-3	61	-2.38
						62	-2.78
						64	-3.15
				484T	-1	65	-0.28
						66	-0.72
				996T	1	67	0.29
				SU	1	-	0.80
			6 705	26T	-9	0	-9.38
						18	-9.84
						36	-9.73
				52T	-7	37	-7.31
						45	-7.72
						52	-7.63
				106T	-5	53	-5.22
						57	-5.70
						60	-5.73
				242T	-3	61	-2.16
						62	-2.60
						64	-2.84
				484T	-1	65	-0.50
						66	-1.03
				996T	1	67	0.12
				SU	1	-	0.57

(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.)

Mode	Band	DataRate	Frequency	Tones	Target	RU offset	Average power
			6 785	26T	-9	0	-9.11
						18	-9.35
						36	-9.21
				52T	-7	37	-7.09
						45	-7.19
						52	-7.18
				106T	-5	53	-4.95
						57	-5.26
						60	-5.13
				242T	-3	61	-2.21
						62	-2.71
						64	-2.99
				484T	-1	65	-0.56
						66	-1.05
				996T	1	67	0.03
				SU	1	-	0.54

(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.)

Mode	Band	DataRate	Frequency	Tones	Target	RU offset	Average power
11ax160	U-NII 5	MCS0	6 025 (80L)	26T	-9	0	-15.40
						18	-7.33
						36	-8.80
				52T	-7	37	-12.98
						45	-4.97
						52	-6.57
				106T	-5	53	-11.45
						57	-4.00
						60	-5.61
				242T	-3	61	-7.24
						62	-2.47
						64	-2.71
				484T	-1	65	-2.20
						66	0.32
				996T	1	67	1.76
			6 025 (80U)	26T	-9	0	-7.78
						18	-8.59
						36	-8.96
				52T	-7	37	-5.90
						45	-6.60
						52	-7.25
				106T	-5	53	-4.75
						57	-5.42
						60	-5.05
				242T	-3	61	-3.75
						62	-3.84
						64	-3.50
				484T	-1	65	-1.59
						66	-1.33
				996T	1	67	1.48
			6 025	996*2T	1	68	1.31
				SU	1	-	2.08
		MCS0	6 185 (80L)	26T	-9	0	-9.55
						18	-8.66
						36	-8.73
				52T	-7	37	-7.65
						45	-6.95
						52	-6.45
				106T	-5	53	-5.34
						57	-4.49
						60	-4.34
				242T	-3	61	-3.58
						62	-2.94
						64	-2.65
				484T	-1	65	0.84
						66	0.62
				996T	1	67	1.56
			6 185 (80U)	26T	-9	0	-9.29
						18	-8.05
						36	-8.56
				52T	-7	37	-6.52
						45	-6.32
						52	-6.58
				106T	-5	53	-4.32
						57	-4.08
						60	-4.39
				242T	-3	61	-2.35
						62	-2.07
						64	-2.53
				484T	-1	65	-1.22
						66	-1.56
				996T	1	67	1.69
			6 185	996*2T	1	68	1.28
				SU	1	-	1.92
		MCS0	6 345 (80L)	26T	-9	0	-7.69
						18	-8.55
						36	-9.71
				52T	-7	37	-5.91
						45	-6.80
						52	-7.71
				106T	-5	53	-4.52
						57	-5.29
						60	-6.58
				242T	-3	61	-2.57
						62	-2.89
						64	-4.32
				484T	-1	65	0.20
						66	-0.84
				996T	1	67	1.44

(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.)

Mode	Band	DataRate	Frequency	Tones	Target	RU offset	Average power
			6 345 (80U)	26T	-9	0	-8.36
						18	-9.14
						36	-10.19
				52T	-7	37	-5.12
						45	-6.06
						52	-7.13
				106T	-5	53	-3.07
						57	-4.17
						60	-5.36
				242T	-3	61	-1.85
						62	-2.49
						64	-3.59
				484T	-1	65	-0.14
						66	-0.12
				996T	1	67	2.01
			6 345	996*2T	1	68	1.13
				SU	1	-	2.59
11ax160	U-NII 7	MCS0	6 665 (80L)	26T	-9	0	-8.39
						18	-8.49
						36	-8.65
				52T	-7	37	-7.11
						45	-7.26
						52	-7.18
				106T	-5	53	-4.99
						57	-5.13
						60	-5.29
				242T	-3	61	-1.81
						62	-2.09
						64	-2.91
				484T	-1	65	0.00
						66	-0.63
				996T	1	67	0.95
			6 665 (80U)	26T	-9	0	-9.16
						18	-9.44
						36	-9.57
				52T	-7	37	-7.43
						45	-7.61
						52	-7.79
				106T	-5	53	-5.36
						57	-5.70
						60	-5.91
				242T	-3	61	-3.45
						62	-3.50
						64	-3.40
				484T	-1	65	-1.45
						66	-1.48
				996T	1	67	0.17
			6 665	996*2T	1	68	0.78
				SU	1	-	1.56

(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.)

Appendix E.5 BT LE Conducted Power

Appendix E.5.1 BT LE BT Ant1

Mode	Phy	Packet	Target	Average power
LE	1M	37	0	-0.12
				1.01
				-2.39
		255		0.06
				1.06
				-2.16
	2M	37	0	-0.25
				0.75
				-2.55
		255		1.03
				1.08
				-2.09

(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.)