

WCDMA Conducted Power

Band	WCDMA Band 2			
Tx Channel	Tune-up	9262	9400	9538
Frequency (MHz)		1852.4	1880	1907.6
RMC 12.2Kbps	24.50	23.70	23.88	23.97
HSDPA Subtest-1	24.00	23.78	23.90	23.98
HSDPA Subtest-2	24.50	23.76	23.89	24.02
HSDPA Subtest-3	24.00	23.80	23.92	24.00
HSDPA Subtest-4	24.00	23.76	23.85	23.99
HSUPA Subtest-1	23.00	22.67	22.88	22.88
HSUPA Subtest-2	21.50	20.93	20.97	21.08
HSUPA Subtest-3	22.00	21.56	21.68	21.74
HSUPA Subtest-4	21.00	20.78	20.95	20.87
HSUPA Subtest-5	23.50	22.68	22.94	23.03
Band	WCDMA Band 4			
Tx Channel	Tune-up	1312	1413	1513
Frequency (MHz)		1712.4	1732.6	1752.6
RMC 12.2Kbps	22.00	21.30	21.59	21.32
HSDPA Subtest-1	23.00	22.69	22.78	22.71
HSDPA Subtest-2	21.50	20.69	20.81	21.49
HSDPA Subtest-3	20.50	20.13	19.54	20.17
HSDPA Subtest-4	20.00	18.53	19.19	19.94
HSUPA Subtest-1	23.00	22.73	22.90	22.74
HSUPA Subtest-2	21.00	20.80	20.18	20.66
HSUPA Subtest-3	22.00	21.64	21.39	21.15
HSUPA Subtest-4	21.00	20.98	20.63	20.44
HSUPA Subtest-5	23.00	22.74	22.74	22.52
Band	WCDMA Band 5			
Tx Channel	Tune-up	4132	4183	4233
Frequency (MHz)		826.4	836.6	846.6
RMC 12.2Kbps	25.50	25.07	25.07	25.10
HSDPA Subtest-1	25.50	25.08	25.09	25.09
HSDPA Subtest-2	25.50	25.10	25.08	25.10
HSDPA Subtest-3	25.50	25.11	25.09	25.10
HSDPA Subtest-4	25.50	25.09	25.13	25.13
HSUPA Subtest-1	24.50	23.97	24.00	24.09
HSUPA Subtest-2	22.50	22.21	22.23	22.11
HSUPA Subtest-3	23.50	22.76	23.15	22.77
HSUPA Subtest-4	22.50	22.01	22.03	22.03
HSUPA Subtest-5	24.50	24.02	24.15	24.00

LTE Conducted Power

Band	Band Width	Modulation	RB Configuration		Tune-up (dBm)	Channel/Frequency(MHz)		
			RB Size	RB Offset		18607/1850.7	18900/1880	19193/1909.3
LTE Band 2	1.4MHz	QPSK	1	0	24.00	23.47	23.39	23.58
			1	2	24.00	23.54	23.44	23.60
			1	5	24.00	23.37	23.31	23.44
			3	0	24.00	23.37	23.60	23.58
			3	1	24.00	23.45	23.59	23.61
			3	2	24.00	23.43	23.52	23.58
		16QAM	6	0	23.00	22.44	22.54	22.64
			1	0	23.00	22.33	22.41	22.46
			1	2	23.00	22.36	22.34	22.50
			1	5	23.00	22.35	22.35	22.35
			3	0	24.00	23.48	23.56	23.63
			3	1	24.00	23.46	23.56	23.56
			3	2	24.00	23.35	23.51	23.61
			6	0	22.00	21.29	21.59	21.63
Band	Band Width	Modulation	RB Configuration		Tune-up (dBm)	Channel/Frequency(MHz)		
			RB Size	RB Offset		18615/1851.5	18900/1880	19185/1908.5
LTE Band 2	3MHz	QPSK	1	0	24.00	23.45	23.55	23.48
			1	7	24.00	23.53	23.58	23.46
			1	14	24.00	23.36	23.32	23.43
			8	0	23.00	22.65	22.63	22.42
			8	4	23.00	22.50	22.47	22.28
			8	7	23.00	22.52	22.38	22.28
			15	0	23.00	22.47	22.57	22.62
		16QAM	1	0	23.00	22.59	22.43	22.40
			1	7	23.00	22.57	22.49	22.38
			1	14	23.00	22.49	22.50	22.20
			8	0	23.00	22.69	22.64	22.36
			8	4	23.00	22.43	22.47	22.32
			8	7	23.00	22.53	22.44	22.35
			15	0	22.00	21.53	21.54	21.56
Band	Band Width	Modulation	RB Configuration		Tune-up (dBm)	Channel/Frequency(MHz)		
			RB Size	RB Offset		18625/1852.5	18900/1880	19175/1907.5
LTE Band 2	5MHz	QPSK	1	0	24.00	23.37	23.47	23.61
			1	12	24.00	23.45	23.51	23.55
			1	24	24.00	23.41	23.47	23.48
			12	0	23.00	22.51	22.60	22.65
			12	6	23.00	22.49	22.60	22.67
			12	11	23.00	22.38	22.46	22.57
			25	0	23.00	22.48	22.58	22.65
		16QAM	1	0	23.00	22.31	22.64	22.50

			1	12	23.00	22.46	22.54	22.48
			1	24	23.00	22.46	22.45	22.52
			12	0	23.00	22.49	22.62	22.67
			12	6	23.00	22.51	22.65	22.67
			12	11	23.00	22.38	22.52	22.55
			25	0	22.00	21.46	21.56	21.68
Band	Band Width	Modulation	RB Configuration		Tune-up (dBm)	Channel/Frequency(MHz)		
			RB Size	RB Offset		18650/1855	18900/1880	19150/1905
LTE Band 2	10MHz	QPSK	1	0	24.00	23.31	23.48	23.49
			1	24	24.00	23.36	23.50	23.37
			1	49	24.00	23.43	23.37	23.24
			25	0	23.00	22.50	22.59	22.61
			25	12	23.00	22.47	22.61	22.61
			25	24	23.00	22.42	22.55	22.54
			50	0	23.00	22.43	22.59	22.63
		16QAM	1	0	22.50	22.43	22.39	22.41
			1	24	22.50	22.48	22.41	22.12
			1	49	22.50	22.47	22.28	22.13
			25	0	23.00	22.49	22.60	22.61
			25	12	23.00	22.46	22.59	22.58
			25	24	23.00	22.44	22.56	22.55
			50	0	22.00	21.45	21.64	21.59
Band	Band Width	Modulation	RB Configuration		Tune-up (dBm)	Channel/Frequency(MHz)		
			RB Size	RB Offset		18675/1857.5	18900/1880	19125/1902.5
LTE Band 2	15MHz	QPSK	1	0	24.00	23.22	23.16	23.34
			1	37	24.00	23.23	23.26	23.29
			1	74	24.00	23.27	23.33	23.18
			36	0	23.00	22.34	22.43	22.26
			36	18	23.00	22.33	22.53	22.23
			36	37	23.00	22.40	22.59	21.99
			75	0	22.50	22.32	22.38	22.46
		16QAM	1	0	22.50	22.39	22.43	22.22
			1	37	22.50	22.38	22.39	22.20
			1	74	22.50	22.36	22.48	22.03
			36	0	23.00	22.40	22.50	22.29
			36	18	23.00	22.42	22.54	22.21
			36	37	23.00	22.41	22.52	22.04
			75	0	22.00	21.24	21.43	21.52
Band	Band Width	Modulation	RB Configuration		Tune-up (dBm)	Channel/Frequency(MHz)		
			RB Size	RB Offset		18700/1860	18900/1880	19100/1900
LTE Band 2	20MHz	QPSK	1	0	24.00	23.25	23.22	23.34
			1	49	24.00	23.29	23.23	23.36
			1	99	24.00	23.32	23.31	23.43
			50	0	23.00	22.31	22.45	22.49

			50	24	23.00	22.35	22.46	22.50
			50	49	23.00	22.32	22.41	22.43
			100	0	22.50	22.32	22.46	22.48
		16QAM	1	0	23.00	22.12	22.17	22.30
			1	49	23.00	22.40	22.21	22.34
			1	99	23.00	22.50	22.24	22.50
			50	0	23.00	22.34	22.44	22.45
			50	24	23.00	22.34	22.43	22.52
			50	49	23.00	22.31	22.37	22.38
			100	0	22.00	21.33	21.51	21.51

Band	Band Width	Modulation	RB Configuration		Tune-up (dBm)	Channel/Frequency(MHz)		
			RB Size	RB Offset		19957/1710.7	20175/1732.5	20393/1754.3
LTE Band 4	1.4MHz	QPSK	1	0	24.00	23.40	23.43	23.26
			1	2	24.00	23.49	23.56	23.35
			1	5	24.00	23.43	23.46	23.24
			3	0	24.00	23.37	23.51	23.36
			3	1	24.00	23.40	23.57	23.33
			3	2	24.00	23.37	23.54	23.28
			6	0	23.00	22.46	22.60	22.44
		16QAM	1	0	22.50	22.21	22.47	22.31
			1	2	22.50	22.42	22.41	22.40
			1	5	22.50	22.37	22.33	22.25
			3	0	24.00	23.37	23.50	23.35
			3	1	24.00	23.35	23.52	23.32
			3	2	24.00	23.37	23.50	23.27
			6	0	22.00	21.34	21.57	21.42
Band	Band Width	Modulation	RB Configuration		Tune-up (dBm)	Channel/Frequency(MHz)		
RB Size	RB Offset	19965/1711.5	20175/1732.5	20385/1753.5				
LTE Band 4	3MHz	QPSK	1	0	24.00	23.52	23.51	23.29
			1	7	24.00	23.51	23.54	23.39
			1	14	24.00	23.50	23.56	23.28
			8	0	23.00	22.42	22.36	22.47
			8	4	23.00	22.38	22.44	22.54
			8	7	23.00	22.47	22.33	22.53
			15	0	23.00	22.56	22.56	22.48
		16QAM	1	0	23.00	22.44	22.29	22.50
			1	7	23.00	22.40	22.42	22.48
			1	14	23.00	22.34	22.37	22.45
			8	0	23.00	22.45	22.37	22.45
			8	4	23.00	22.49	22.34	22.52
			8	7	23.00	22.45	22.42	22.45
			15	0	22.00	21.49	21.60	21.50
Band	Band Width	Modulation	RB Configuration		Tune-up (dBm)	Channel/Frequency(MHz)		
RB	RB	19975/1712.5	20175/1732.5	20375/1752.5				

Band	Band Width	Modulation	RB Configuration		Tune-up (dBm)	Channel/Frequency(MHz)		
			RB Size	RB Offset		20000/1715	20175/1732.5	20350/1750
LTE Band 4	5MHz	QPSK	1	0	24.00	23.49	23.59	23.47
			1	12	24.00	23.52	23.64	23.53
			1	24	24.00	23.49	23.65	23.40
			12	0	23.00	22.57	22.60	22.50
			12	6	23.00	22.55	22.61	22.52
			12	11	23.00	22.55	22.67	22.48
			25	0	23.00	22.59	22.57	22.54
		16QAM	1	0	23.00	22.48	22.49	22.47
			1	12	23.00	22.58	22.59	22.47
			1	24	23.00	22.56	22.56	22.41
			12	0	23.00	22.55	22.58	22.52
			12	6	23.00	22.60	22.62	22.53
			12	11	23.00	22.57	22.69	22.45
			25	0	22.00	21.57	21.59	21.50
LTE Band 4	10MHz	QPSK	1	0	24.00	23.30	23.52	23.36
			1	24	24.00	23.41	23.55	23.38
			1	49	24.00	23.41	23.49	23.34
			25	0	23.00	22.52	22.59	22.48
			25	12	23.00	22.49	22.56	22.44
			25	24	23.00	22.58	22.70	22.52
			50	0	23.00	22.59	22.62	22.50
		16QAM	1	0	23.00	22.53	22.44	22.33
			1	24	23.00	22.57	22.56	22.12
			1	49	23.00	22.55	22.34	22.28
			25	0	23.00	22.50	22.58	22.49
			25	12	23.00	22.56	22.61	22.44
			25	24	23.00	22.57	22.68	22.51
			50	0	22.00	21.55	21.62	21.46
LTE Band 4	15MHz	QPSK	1	0	24.00	23.26	23.32	23.30
			1	37	24.00	23.28	23.36	23.29
			1	74	24.00	23.33	23.36	23.23
			36	0	23.00	22.41	22.52	22.26
			36	18	23.00	22.45	22.60	22.15
			36	37	23.00	22.46	22.01	22.08
			75	0	22.50	22.43	22.42	22.34
		16QAM	1	0	23.00	22.38	22.54	22.25
			1	37	23.00	22.43	22.55	22.17
			1	74	23.00	22.48	22.57	22.10
			36	0	23.00	22.47	22.57	22.25
			36	18	23.00	22.42	22.55	22.15
			36	37	23.00	22.52	22.07	22.08

Band	Band Width	Modulation	RB Configuration		Tune-up (dBm)	Channel/Frequency(MHz)		
			RB Size	RB Offset		20050/1720	20175/1732.5	20300/1745
			75	0		22.00	21.43	21.51
LTE Band 4	20MHz	QPSK	1	0	24.00	23.40	23.40	23.41
			1	49	24.00	23.41	23.38	23.39
			1	99	24.00	23.46	23.35	23.27
			50	0	23.00	22.41	22.49	22.43
			50	24	23.00	22.38	22.50	22.44
			50	49	23.00	22.53	22.56	22.43
			100	0	23.00	22.44	22.53	22.53
		16QAM	1	0	23.00	22.54	22.24	22.46
			1	49	23.00	22.57	22.31	22.37
			1	99	23.00	21.88	22.28	22.31
			50	0	23.00	22.40	22.49	22.46
			50	24	23.00	22.38	22.51	22.45
			50	49	23.00	22.47	22.55	22.42
			100	0	22.00	21.54	21.49	21.45

Band	Band Width	Modulation	RB Configuration		Tune-up (dBm)	Channel/Frequency(MHz)		
			RB Size	RB Offset		20407/824.7	20525/836.5	20643/848.3
			1	0		25.00	24.53	24.49
LTE Band 5	1.4MHz	QPSK	1	2	25.00	24.57	24.56	24.02
			1	5	25.00	24.48	24.53	23.91
			3	0	25.00	24.50	24.50	23.97
			3	1	25.00	24.53	24.45	23.92
			3	2	25.00	24.57	24.54	23.82
			6	0	24.00	23.65	23.46	22.91
			16QAM	1	0	24.00	23.51	23.33
		1		2	24.00	23.73	23.51	22.86
		1		5	24.00	23.52	23.50	22.73
		3		0	25.00	24.54	24.44	23.94
		3		1	25.00	24.53	24.46	23.91
		3		2	25.00	24.56	24.51	23.81
		6		0	23.00	22.60	22.40	21.94
		Band	Band Width	Modulation	RB Configuration		Tune-up (dBm)	Channel/Frequency(MHz)
RB Size	RB Offset				20415/825.5	20525/836.5		20635/847.5
LTE Band 5	3MHz				QPSK	1		0
		1	7	25.00		24.67	24.63	24.23
		1	14	25.00		24.63	24.64	24.03
		8	0	24.00		23.85	23.54	23.39
		8	4	24.00		23.76	23.53	23.02
		8	7	24.00		23.78	23.51	22.88
		15	0	24.00		23.73	23.58	23.22
		16QAM	1	0	24.00	23.80	23.57	23.49

			1	7	24.00	23.79	23.50	23.03
			1	14	24.00	23.63	23.49	22.87
			8	0	24.00	23.81	23.46	23.40
			8	4	24.00	23.81	23.52	23.00
			8	7	24.00	23.75	23.48	22.87
			15	0	23.00	22.75	22.49	22.16
Band	Band Width	Modulation	RB Configuration		Tune-up (dBm)	Channel/Frequency(MHz)		
			RB Size	RB Offset		20425/826.5	20525/836.5	20625/846.5
LTE Band 5	5MHz	QPSK	1	0	25.00	24.74	24.65	24.83
			1	12	25.00	24.63	24.68	24.97
			1	24	25.00	24.66	24.77	24.88
			12	0	24.50	23.69	23.58	24.05
			12	6	24.50	23.68	23.61	24.05
			12	11	24.50	23.69	23.64	24.06
			25	0	24.50	23.69	23.56	24.02
		16QAM	1	0	24.00	23.68	23.63	23.86
			1	12	24.00	23.76	23.74	23.93
			1	24	24.00	23.57	23.65	23.81
			12	0	24.50	23.63	23.59	24.06
			12	6	24.50	23.68	23.59	24.01
			12	11	24.50	23.69	23.68	24.08
			25	0	23.50	22.68	22.62	23.01
Band	Band Width	Modulation	RB Configuration		Tune-up (dBm)	Channel/Frequency(MHz)		
			RB Size	RB Offset		20450/829	20525/836.5	20600/844
LTE Band 5	10MHz	QPSK	1	0	25.00	24.59	24.45	24.78
			1	24	25.00	24.61	24.51	24.78
			1	49	25.00	24.59	24.52	24.81
			25	0	24.00	23.60	23.60	23.96
			25	12	24.00	23.60	23.60	23.91
			25	24	24.00	23.65	23.67	23.98
			50	0	24.50	23.70	23.65	24.02
		16QAM	1	0	24.50	23.53	23.30	23.93
			1	24	24.50	23.45	23.34	24.03
			1	49	24.50	23.60	23.32	23.94
			25	0	24.00	23.59	23.56	23.90
			25	12	24.00	23.59	23.59	23.92
			25	24	24.00	23.70	23.69	23.94
			50	0	23.00	22.71	22.60	22.94

Band	Band Width	Modulation	RB Configuration		Tune-up (dBm)	Channel/Frequency(MHz)		
			RB Size	RB Offset		20775/2502.5	21100/2535	21425/2567.5
LTE Band 7	5MHz	QPSK	1	0	23.50	22.66	22.59	22.94
			1	12	23.50	22.79	22.73	23.06
			1	24	23.50	22.80	22.65	23.13

			12	0	22.50	21.72	21.69	22.07	
			12	6	22.50	21.69	21.66	22.06	
			12	11	22.50	21.90	21.73	22.17	
			25	0	22.50	21.77	21.81	22.18	
		16QAM	1	0	22.50	21.69	21.59	21.96	
			1	12	22.50	22.00	21.67	22.04	
			1	24	22.50	21.84	21.68	22.06	
			12	0	22.50	21.76	21.69	22.05	
			12	6	22.50	21.73	21.72	22.10	
			12	11	22.50	21.88	21.78	22.16	
			25	0	21.50	20.74	21.11	21.13	
Band	Band Width		Modulation	RB Configuration		Tune-up (dBm)	Channel/Frequency(MHz)		
				RB Size	RB Offset		20800/2505	21100/2535	21400/2565
LTE Band 7	10MHz		QPSK	1	0	23.50	22.97	23.01	22.92
		1		24	23.50	23.14	23.06	23.03	
		1		49	23.50	23.16	23.11	23.14	
		25		0	22.50	22.14	22.19	22.18	
		25		12	22.50	22.21	22.22	22.21	
		25		24	22.50	22.19	22.18	22.25	
		50		0	22.50	22.14	22.23	22.25	
		16QAM	1	0	22.50	21.95	21.99	22.20	
			1	24	22.50	22.07	21.82	22.18	
			1	49	22.50	22.09	21.97	22.25	
			25	0	22.50	22.14	22.23	22.19	
			25	12	22.50	22.15	22.21	22.23	
			25	24	22.50	22.18	22.19	22.24	
			50	0	21.50	21.15	21.22	21.25	
Band	Band Width	Modulation	RB Configuration		Tune-up (dBm)	Channel/Frequency(MHz)			
			RB Size	RB Offset		20825/2507.5	21100/2535	21375/2562.5	
LTE Band 7	15MHz	QPSK	1	0	23.50	22.59	22.76	22.79	
			1	37	23.50	22.63	22.82	22.85	
			1	74	23.50	22.74	22.87	22.81	
			36	0	22.50	21.96	21.71	22.02	
			36	18	22.50	22.02	21.73	22.11	
			36	37	22.50	22.01	21.77	22.05	
			75	0	22.50	21.92	22.05	22.07	
		16QAM	1	0	22.50	21.86	21.65	21.96	
			1	37	22.50	21.94	21.75	22.03	
			1	74	22.50	21.98	21.85	22.07	
			36	0	22.50	21.96	21.76	21.98	
			36	18	22.50	22.03	21.77	22.10	
			36	37	22.50	21.99	21.77	22.04	
			75	0	21.50	20.95	21.07	21.06	
Band	Band Width	Modulation	RB Configuration		Tune-up	Channel/Frequency(MHz)			



			RB Size	RB Offset	(dBm)	20850/2510	21100/2535	21350/2560
LTE Band 7	20MHz	QPSK	1	0	23.50	22.74	22.80	22.89
			1	49	23.50	22.80	22.84	22.96
			1	99	23.50	22.86	22.90	22.87
			50	0	22.50	21.99	21.98	22.11
			50	24	22.50	21.98	22.06	22.12
			50	49	22.50	21.94	22.06	22.04
			100	0	22.50	21.97	22.11	22.15
		16QAM	1	0	22.50	21.97	21.73	21.88
			1	49	22.50	22.05	21.74	21.86
			1	99	22.50	22.11	21.73	21.93
			50	0	22.50	21.96	22.05	22.06
			50	24	22.50	22.00	22.04	22.14
			50	49	22.50	21.98	22.05	22.03
			100	0	21.50	21.00	21.14	21.16

Band	Band Width	Modulation	RB Configuration		Tune-up (dBm)	Channel/Frequency(MHz)		
			RB Size	RB Offset		23017/699.7	23095/707.5	23173/715.3
LTE Band 12	1.4MHz	QPSK	1	0	25.00	24.82	24.88	24.75
			1	2	25.00	24.79	24.93	24.74
			1	5	25.00	24.83	24.84	24.66
			3	0	25.00	24.93	24.75	24.84
			3	1	25.00	24.90	24.80	24.83
			3	2	25.00	24.78	24.81	24.78
			6	0	24.00	23.94	23.68	23.84
		16QAM	1	0	24.00	23.84	23.74	23.64
			1	2	24.00	23.81	23.81	23.63
			1	5	24.00	23.68	23.83	23.51
			3	0	25.00	24.89	24.80	24.86
			3	1	25.00	24.89	24.83	24.80
			3	2	25.00	24.85	24.76	24.80
			6	0	23.00	22.99	22.76	22.84
Band	Band Width	Modulation	RB Configuration		Tune-up (dBm)	Channel/Frequency(MHz)		
			RB Size	RB Offset		23025/700.5	23095/707.5	23165/714.5
LTE Band 12	3MHz	QPSK	1	0	25.00	24.84	24.94	24.83
			1	7	25.00	24.83	24.95	24.81
			1	14	25.00	24.75	24.86	24.79
			8	0	24.50	23.99	23.81	23.69
			8	4	24.50	23.98	23.80	23.76
			8	7	24.50	24.11	23.73	23.67
			15	0	24.50	24.02	23.92	23.84
		16QAM	1	0	24.00	23.99	23.79	23.70
			1	7	24.00	23.92	23.86	23.72
			1	14	24.00	23.95	23.75	23.64
			8	0	24.50	23.88	23.87	23.58

			8	4	24.50	24.06	23.92	23.74
			8	7	24.50	23.93	23.71	23.62
			15	0	23.50	23.05	22.77	22.71
Band	Band Width	Modulation	RB Configuration		Tune-up (dBm)	Channel/Frequency(MHz)		
			RB Size	RB Offset		23035/701.5	23095/707.5	23155/713.5
LTE Band 12	5MHz	QPSK	1	0	25.00	24.88	24.91	24.79
			1	12	25.00	24.95	24.93	24.90
			1	24	25.00	24.91	24.95	24.69
			12	0	24.00	23.97	23.95	23.91
			12	6	24.00	23.94	23.95	23.85
			12	11	24.00	23.89	23.94	23.89
		16QAM	25	0	24.00	23.96	23.88	23.85
			1	0	24.50	23.78	24.07	23.88
			1	12	24.50	24.05	24.16	23.83
			1	24	24.50	23.90	23.98	23.86
			12	0	24.00	23.95	23.96	23.87
			12	6	24.00	23.99	23.93	23.86
			12	11	24.00	23.88	23.95	23.93
			25	0	23.00	22.97	22.82	22.88
Band	Band Width	Modulation	RB Configuration		Tune-up (dBm)	Channel/Frequency(MHz)		
			RB Size	RB Offset		23060/704	23095/707.5	23130/711
LTE Band 12	10MHz	QPSK	1	0	25.00	24.80	24.98	24.73
			1	24	25.00	24.86	24.89	24.72
			1	49	25.00	24.82	24.80	24.64
			25	0	24.00	23.94	23.94	23.84
			25	12	24.00	23.92	23.95	23.81
			25	24	24.00	23.99	23.88	23.85
		16QAM	50	0	24.50	24.01	23.85	23.96
			1	0	24.00	23.96	23.80	23.65
			1	24	24.00	23.97	23.83	23.59
			1	49	24.00	23.92	23.71	23.56
			25	0	24.50	23.89	23.89	23.83
			25	12	24.50	23.91	23.95	23.81
			25	24	24.50	24.01	23.91	23.96
			50	0	23.50	23.01	22.88	22.99

Band	Band Width	Modulation	RB Configuration		Tune-up (dBm)	Channel/Frequency(MHz)		
			RB Size	RB Offset		23205/779.5	23230/782	23255/784.5
LTE Band 13	5MHz	QPSK	1	0	25.50	25.04	25.13	25.11
			1	12	25.50	25.12	25.18	25.13
			1	24	25.50	25.09	25.05	25.02
			12	0	24.50	24.09	24.12	24.03
			12	6	24.50	24.10	24.12	24.04
			12	11	24.50	24.17	24.19	24.10

			25	0	24.50	24.14	24.12	24.05
		16QAM	1	0	24.50	24.07	24.11	24.06
			1	12	24.50	24.11	24.17	24.14
			1	24	24.50	24.20	24.00	23.95
			12	0	24.50	24.10	24.12	24.05
			12	6	24.50	24.08	24.11	24.02
			12	11	24.50	24.14	24.17	24.12
			25	0	23.50	23.12	23.16	23.10
Band	Band Width	Modulation	RB Configuration		Tune-up (dBm)	Channel/Frequency(MHz)		
			RB Size	RB Offset		/	23230/782	/
LTE Band 13	10MHz	QPSK	1	0	25.50	/	25.05	/
			1	24	25.50	/	25.25	/
			1	49	25.50	/	25.01	/
			25	0	24.50	/	24.23	/
			25	12	24.50	/	24.21	/
			25	24	24.50	/	24.18	/
		16QAM	50	0	24.50	/	24.14	/
			1	0	24.50	/	24.23	/
			1	24	24.50	/	24.06	/
			1	49	24.50	/	23.85	/
			25	0	24.50	/	24.21	/
			25	12	24.50	/	24.19	/
			25	24	24.50	/	24.16	/
			50	0	23.50	/	23.12	/

Band	Band Width	Modulation	RB Configuration		Tune-up (dBm)	Channel/Frequency(MHz)		
			RB Size	RB Offset		23755/706.5	23790/710	23825/713.5
LTE Band 17	5MHz	QPSK	1	0	25.50	24.96	25.16	25.00
			1	12	25.50	24.90	24.96	24.77
			1	24	25.50	24.86	24.80	24.87
			12	0	24.50	24.06	24.07	24.05
			12	6	24.50	24.03	24.01	23.99
			12	11	24.50	23.98	24.00	23.83
			25	0	24.50	24.02	24.02	24.01
		16QAM	1	0	24.50	24.17	23.92	23.96
			1	12	24.50	24.16	23.86	23.71
			1	24	24.50	24.01	23.76	23.83
			12	0	24.50	24.06	24.03	24.00
			12	6	24.50	24.05	24.04	24.05
			12	11	24.50	23.98	24.01	23.83
			25	0	23.50	23.02	23.02	23.05
Band	Band Width	Modulation	RB Configuration		Tune-up (dBm)	Channel/Frequency(MHz)		
			RB Size	RB Offset		23780/709	23790/710	23800/711
LTE	10MHz	QPSK	1	0	25.50	24.86	24.97	24.93

Band 17		1	24	25.50	24.90	25.00	24.90
		1	49	25.50	24.88	24.88	24.84
		25	0	24.50	24.07	24.10	24.04
		25	12	24.50	24.06	24.07	24.07
		25	24	24.50	24.00	24.02	24.05
		50	0	24.50	24.04	24.04	24.05
	16QAM	1	0	24.50	24.04	23.83	23.91
		1	24	24.50	24.08	23.85	23.75
		1	49	24.50	23.97	23.82	23.65
		25	0	24.50	24.06	24.05	24.02
		25	12	24.50	24.04	24.07	24.09
		25	24	24.50	24.01	24.05	24.11
		50	0	23.50	23.02	23.02	23.05

Band	Band Width	Modulation	RB Configuration		Tune-up (dBm)	Channel/Frequency(MHz)		
			RB Size	RB Offset		26047/1850.7	26365/1882.5	26683/1914.3
LTE Band 25	1.4MHz	QPSK	1	0	24.00	23.42	23.40	23.45
			1	2	24.00	23.56	23.44	23.57
			1	5	24.00	23.46	23.32	23.51
			3	0	24.00	23.35	23.61	23.57
			3	1	24.00	23.36	23.55	23.57
			3	2	24.00	23.43	23.56	23.57
			6	0	23.00	22.46	22.59	22.68
		16QAM	1	0	23.00	22.34	22.31	22.51
			1	2	23.00	22.37	22.42	22.68
			1	5	23.00	22.36	22.34	22.50
			3	0	24.00	23.37	23.57	23.58
			3	1	24.00	23.37	23.56	23.60
			3	2	24.00	23.42	23.58	23.60
			6	0	22.00	21.33	21.59	21.63
Band	Band Width	Modulation	RB Configuration		Tune-up (dBm)	Channel/Frequency(MHz)		
			RB Size	RB Offset		26055/1851.5	26365/1882.5	26675/1913.5
LTE Band 25	3MHz	QPSK	1	0	25.00	23.61	24.90	23.59
			1	7	25.00	23.56	23.57	23.69
			1	14	25.00	23.62	23.65	23.67
			8	0	24.00	22.35	23.59	22.72
			8	4	24.00	22.39	22.36	22.73
			8	7	24.00	22.50	22.43	22.81
			15	0	23.00	22.59	22.67	22.69
		16QAM	1	0	24.00	22.46	23.95	22.73
			1	7	24.00	22.53	22.46	22.75
			1	14	24.00	22.48	22.51	22.69
			8	0	23.00	22.47	22.69	22.71
			8	4	23.00	22.47	22.52	22.85
			8	7	23.00	22.41	22.70	22.75
			15	0	22.00	21.53	21.61	21.81

Band	Band Width	Modulation	RB Configuration		Tune-up (dBm)	Channel/Frequency(MHz)		
			RB Size	RB Offset		26065/1852.5	26365/1882.5	26665/1912.5
LTE Band 25	5MHz	QPSK	1	0	24.00	23.52	23.73	23.72
			1	12	24.00	23.52	23.67	23.79
			1	24	24.00	23.61	23.62	23.78
			12	0	23.00	22.60	22.73	22.86
			12	6	23.00	22.62	22.73	22.84
			12	11	23.00	22.63	22.71	22.84
		16QAM	25	0	23.00	22.63	22.74	22.91
			1	0	23.00	22.74	22.67	22.59
			1	12	23.00	22.72	22.60	22.89
			1	24	23.00	22.76	22.69	22.75
			12	0	23.00	22.61	22.74	22.83
			12	6	23.00	22.60	22.75	22.84
			12	11	23.00	22.64	22.68	22.89
			25	0	22.00	21.61	21.79	21.82
Band	Band Width	Modulation	RB Configuration		Tune-up (dBm)	Channel/Frequency(MHz)		
			RB Size	RB Offset		26090/1855	26365/1882.5	26640/1910
LTE Band 25	10MHz	QPSK	1	0	25.50	23.47	23.52	24.09
			1	24	25.50	25.18	23.62	23.61
			1	49	25.50	24.90	23.62	23.66
			25	0	24.50	22.84	22.77	22.79
			25	12	24.50	24.35	22.77	22.78
			25	24	24.50	22.61	22.71	22.77
			50	0	24.00	23.72	22.80	22.81
		16QAM	1	0	25.00	22.42	22.53	23.29
			1	24	25.00	23.47	22.69	22.66
			1	49	25.00	24.61	22.64	22.97
			25	0	25.00	22.81	22.77	22.80
			25	12	25.00	24.97	22.76	22.79
			25	24	25.00	22.62	22.70	22.79
			50	0	23.00	22.79	21.81	21.86
Band	Band Width	Modulation	RB Configuration		Tune-up (dBm)	Channel/Frequency(MHz)		
			RB Size	RB Offset		26115/1857.5	26365/1882.5	26615/1907.5
LTE Band 25	15MHz	QPSK	1	0	26.00	24.95	23.37	23.48
			1	37	26.00	23.36	23.30	23.42
			1	74	26.00	25.59	23.38	23.48
			36	0	25.00	24.93	22.32	22.62
			36	18	25.00	22.63	22.20	22.70
			36	37	25.00	24.77	22.24	22.57
			75	0	24.00	23.95	22.55	22.65
		16QAM	1	0	25.50	25.05	22.31	22.64
			1	37	25.50	22.55	22.23	22.69
			1	74	25.50	24.87	22.27	22.66

			36	0	25.00	24.04	22.33	22.62
			36	18	25.00	22.49	22.22	22.74
			36	37	25.00	24.70	22.24	22.65
			75	0	24.50	24.28	21.64	21.65
Band	Band Width	Modulation	RB Configuration		Tune-up (dBm)	Channel/Frequency(MHz)		
			RB Size	RB Offset		26140/1860	26365/1882.5	26590/1905
LTE Band 25	20MHz	QPSK	1	0	26.00	24.79	23.36	23.53
			1	49	26.00	23.41	23.41	24.06
			1	99	26.00	23.97	25.66	23.56
			50	0	23.00	22.55	22.60	22.69
			50	24	23.00	22.54	22.58	22.67
			50	49	23.00	22.48	22.59	22.74
		16QAM	100	0	23.00	22.47	22.62	22.70
			1	0	25.00	23.05	22.29	22.54
			1	49	25.00	22.58	22.30	23.76
			1	99	25.00	22.67	24.79	22.51
			50	0	23.00	22.55	22.63	22.69
			50	24	23.00	22.52	22.61	22.69
			50	49	23.00	22.52	22.60	22.74
			100	0	22.00	21.49	21.65	21.73

Band	Band Width	Modulation	RB Configuration		Tune-up (dBm)	Channel/Frequency(MHz)		
			RB Size	RB Offset		26697/814.7	26740/819	26783/823.3
LTE Band 26a	1.4MHz	QPSK	1	0	25.00	24.72	24.76	24.67
			1	2	25.00	24.77	24.91	24.73
			1	5	25.00	24.66	24.81	24.68
			3	0	25.00	24.79	24.74	24.75
			3	1	25.00	24.76	24.70	24.74
			3	2	25.00	24.74	24.75	24.76
		16QAM	6	0	24.00	23.87	23.80	23.78
			1	0	24.00	23.66	23.59	23.51
			1	2	24.00	23.81	23.79	23.64
			1	5	24.00	23.65	23.69	23.52
			3	0	25.00	24.77	24.74	24.71
			3	1	25.00	24.79	24.70	24.69
			3	2	25.00	24.71	24.76	24.74
			6	0	23.00	22.80	22.75	22.79
Band	Band Width	Modulation	RB Configuration		Tune-up (dBm)	Channel/Frequency(MHz)		
			RB Size	RB Offset		26705/818.5	26740/819	26775/822.5
LTE Band 26a	3MHz	QPSK	1	0	25.00	24.96	24.88	24.80
			1	7	25.00	24.88	24.82	24.87
			1	14	25.00	24.88	24.81	24.76
			8	0	24.50	23.92	23.60	23.99
			8	4	24.50	23.81	23.68	24.12

			8	7	24.50	23.73	23.68	24.03
			15	0	24.00	23.95	23.85	23.93
		16QAM	1	0	24.50	23.79	23.42	23.94
			1	7	24.50	23.88	23.74	23.99
			1	14	24.50	24.19	23.49	23.96
			8	0	24.50	23.81	23.61	23.98
			8	4	24.50	23.83	23.72	24.06
			8	7	24.50	23.69	23.61	23.89
			15	0	23.00	22.88	22.86	22.85
Band	Band Width		Modulation	RB Configuration		Tune-up (dBm)	Channel/Frequency(MHz)	
		RB Size		RB Offset	26715/816.5		26740/819	26765/821.5
LTE Band 26a	5MHz	QPSK	1	0	25.00	24.88	24.91	24.87
			1	12	25.00	24.90	24.88	24.91
			1	24	25.00	24.91	24.82	24.87
			12	0	24.00	24.00	23.96	23.81
			12	6	24.00	23.98	23.94	23.86
			12	11	24.00	23.91	23.93	23.91
			25	0	24.00	23.96	23.94	23.91
		16QAM	1	0	24.50	24.15	23.62	23.85
			1	12	24.50	24.03	23.87	23.88
			1	24	24.50	24.02	23.86	23.84
			12	0	24.50	23.99	23.93	23.78
			12	6	24.50	24.01	23.98	23.88
			12	11	24.50	23.94	23.92	23.93
			25	0	23.00	22.97	22.97	22.90
Band	Band Width	Modulation	RB Configuration		Tune-up (dBm)	Channel/Frequency(MHz)		
			RB Size	RB Offset		/	26740/819	/
LTE Band 26a	10MHz	QPSK	1	0	25.00	/	24.89	/
			1	24	25.00	/	24.93	/
			1	49	25.00	/	24.84	/
			25	0	24.50	/	23.97	/
			25	12	24.50	/	24.03	/
			25	24	24.50	/	23.99	/
			50	0	24.00	/	23.99	/
		16QAM	1	0	24.00	/	23.95	/
			1	24	24.00	/	23.76	/
			1	49	24.00	/	23.90	/
			25	0	24.50	/	24.03	/
			25	12	24.50	/	24.00	/
			25	24	24.50	/	23.96	/
			50	0	23.50	/	23.01	/

Band	Band Width	Modulation	RB Configuration		Tune-up (dBm)	Channel/Frequency(MHz)		
			RB Size	RB Offset		26797/824.7	26915/836.5	27033/848.3

LTE Band 26b	1.4MHz	QPSK	1	0	25.50	24.81	24.93	23.78
			1	2	25.50	24.84	25.01	23.63
			1	5	25.50	24.74	25.00	23.50
			3	0	25.00	24.80	24.86	23.59
			3	1	25.00	24.88	24.89	23.55
			3	2	25.00	24.85	24.93	23.44
			6	0	24.00	23.94	23.99	22.54
		16QAM	1	0	24.00	23.71	23.90	22.55
			1	2	24.00	23.90	23.92	22.46
			1	5	24.00	23.76	23.94	22.33
			3	0	25.00	24.87	24.90	23.56
			3	1	25.00	24.89	24.91	23.54
			3	2	25.00	24.83	24.93	23.43
			6	0	23.50	23.03	22.92	21.56
Band	Band Width	Modulation	RB Configuration		Tune-up (dBm)	Channel/Frequency(MHz)		
			RB Size	RB Offset		26805/825.5	26915/836.5	27025/847.5
LTE Band 26b	3MHz	QPSK	1	0	25.50	24.81	24.95	24.29
			1	7	25.50	24.92	25.12	23.83
			1	14	25.50	24.95	25.06	23.59
			8	0	24.50	24.01	23.96	22.93
			8	4	24.50	24.05	23.96	22.65
			8	7	24.50	24.13	23.69	22.46
			15	0	24.50	23.98	24.03	22.86
		16QAM	1	0	24.50	24.02	23.89	22.99
			1	7	24.50	24.03	24.00	22.65
			1	14	24.50	23.96	24.01	22.45
			8	0	24.50	24.02	23.98	22.95
			8	4	24.50	24.11	23.94	22.64
			8	7	24.50	23.95	23.79	22.44
			15	0	23.50	23.08	23.03	21.78
Band	Band Width	Modulation	RB Configuration		Tune-up (dBm)	Channel/Frequency(MHz)		
			RB Size	RB Offset		26815/826.5	26915/836.5	27015/846.5
LTE Band 26b	5MHz	QPSK	1	0	25.50	24.93	24.97	24.97
			1	12	25.50	24.94	25.05	25.04
			1	24	25.50	24.93	25.01	24.88
			12	0	24.50	23.91	24.01	24.11
			12	6	24.50	23.92	23.97	24.06
			12	11	24.50	23.96	24.04	24.03
			25	0	24.50	23.99	24.07	24.09
		16QAM	1	0	24.50	23.97	24.17	23.85
			1	12	24.50	24.05	24.11	23.95
			1	24	24.50	24.01	23.97	23.95
			12	0	24.50	23.86	23.98	24.06
			12	6	24.50	23.93	23.95	24.07
			12	11	24.50	23.95	24.03	24.07
			25	0	23.50	22.99	23.06	23.08



Band	Band Width	Modulation	RB Configuration		Tune-up (dBm)	Channel/Frequency(MHz)		
			RB Size	RB Offset		26840/829	26915/836.5	26990/844
LTE Band 26b	10MHz	QPSK	1	0	25.50	24.90	24.90	24.90
			1	24	25.50	24.97	24.97	25.01
			1	49	25.50	24.91	24.99	24.84
			25	0	24.50	23.96	24.03	23.98
			25	12	24.50	23.98	23.96	24.02
			25	24	24.50	24.08	24.09	24.05
			50	0	24.50	24.03	24.08	24.01
		16QAM	1	0	24.50	23.99	23.75	24.04
			1	24	24.50	23.93	23.75	24.20
			1	49	24.50	23.80	23.74	24.13
			25	0	24.50	24.00	24.05	24.02
			25	12	24.50	23.95	23.97	24.00
			25	24	24.50	24.06	24.09	24.06
			50	0	23.50	23.09	23.10	23.02
Band	Band Width	Modulation	RB Configuration		Tune-up (dBm)	Channel/Frequency(MHz)		
			RB Size	RB Offset		26865/831.5	26915/836.5	26965/841.5
LTE Band 26b	15MHz	QPSK	1	0	25.50	24.67	24.81	24.80
			1	37	25.50	24.71	24.84	24.78
			1	74	25.50	24.62	24.75	24.70
			36	0	24.00	23.93	23.72	23.99
			36	18	24.00	23.99	23.72	23.94
			36	37	24.00	23.97	23.67	23.93
			75	0	24.00	23.85	23.91	23.89
		16QAM	1	0	24.00	23.96	23.73	23.87
			1	37	24.00	23.96	23.68	23.97
			1	74	24.00	23.97	23.69	23.94
			36	0	24.00	23.98	23.80	24.00
			36	18	24.00	23.99	23.82	23.96
			36	37	24.00	23.90	23.66	23.98
			75	0	23.00	22.85	22.95	22.86

Band	Band Width	Modulation	RB Configuration		Tune-up (dBm)	Channel/Frequency(MHz)		
			RB Size	RB Offset		39675/2498.5	40620/2593	41565/2687.5
LTE Band 41	5MHz	QPSK	1	0	23.50	22.89	23.00	22.95
			1	12	23.50	23.03	23.03	23.04
			1	24	23.50	22.90	23.02	23.00
			12	0	22.50	21.99	22.12	21.88
			12	6	22.50	22.18	22.29	21.99
			12	11	22.50	22.01	22.35	22.03
			25	0	22.50	21.90	21.98	22.09
		16QAM	1	0	22.50	21.93	22.29	21.85
			1	12	22.50	22.04	22.27	21.97

			1	24	22.50	22.05	22.39	21.90
			12	0	22.50	21.96	22.16	21.93
			12	6	22.50	22.06	22.28	22.03
			12	11	22.50	22.11	22.39	21.94
			25	0	21.50	20.94	20.96	21.04
Band	Band Width	Modulation	RB Configuration		Tune-up (dBm)	Channel/Frequency(MHz)		
			RB Size	RB Offset		39700/2501	40620/2593	41540/2685
LTE Band 41	10MHz	QPSK	1	0	23.50	22.80	22.97	22.92
			1	24	23.50	22.82	22.91	22.96
			1	49	23.50	22.83	23.01	22.89
			25	0	22.50	21.91	22.00	22.06
			25	12	22.50	21.91	22.03	22.04
			25	24	22.50	21.84	22.02	22.05
		16QAM	50	0	22.50	21.83	22.00	22.02
			1	0	22.50	21.94	21.86	21.84
			1	24	22.50	21.98	21.86	21.72
			1	49	22.50	22.05	21.84	21.78
			25	0	22.50	21.91	21.99	22.05
			25	12	22.50	21.90	22.02	22.03
			25	24	22.50	21.83	22.03	21.98
			50	0	21.50	20.82	20.99	21.07
Band	Band Width	Modulation	RB Configuration		Tune-up (dBm)	Channel/Frequency(MHz)		
			RB Size	RB Offset		39725/2503.5	40620/2593	41515/2682.5
LTE Band 41	15MHz	QPSK	1	0	23.50	22.32	22.42	22.59
			1	37	23.50	22.35	22.40	22.51
			1	74	23.50	22.38	22.39	22.53
			36	0	22.00	21.48	21.78	21.49
			36	18	22.00	21.52	21.67	21.41
			36	37	22.00	21.54	21.73	21.42
			75	0	22.00	21.55	21.54	21.65
		16QAM	1	0	22.00	21.50	21.70	21.51
			1	37	22.00	21.56	21.77	21.44
			1	74	22.00	21.51	21.80	21.44
			36	0	22.00	21.49	21.71	21.43
			36	18	22.00	21.52	21.66	21.40
			36	37	22.00	21.56	21.78	21.40
			75	0	21.00	20.44	20.58	20.69
Band	Band Width	Modulation	RB Configuration		Tune-up (dBm)	Channel/Frequency(MHz)		
			RB Size	RB Offset		39750/2506	40620/2593	41490/2680
LTE Band 41	20MHz	QPSK	1	0	23.50	22.41	22.55	22.54
			1	49	23.50	22.46	22.57	22.45
			1	99	23.50	22.48	22.65	22.49
			50	0	22.00	21.55	21.64	21.68
			50	24	22.00	21.52	21.64	21.63

			50	49	22.00	21.49	21.63	21.54
			100	0	22.00	21.49	21.56	21.63
		16QAM	1	0	22.00	21.37	21.85	21.44
			1	49	22.00	21.42	21.82	21.40
			1	99	22.00	21.43	21.96	21.35
			50	0	21.00	20.58	20.67	20.66
			50	24	21.00	20.57	20.69	20.71
			50	49	21.00	20.48	20.66	20.56
			100	0	21.00	20.44	20.59	20.63

Band	Band Width	Modulation	RB Configuration		Tune-up (dBm)	Channel/Frequency(MHz)		
			RB Size	RB Offset		131979/1710.7	132322/1745	132665/1779.3
LTE Band 66	1.4MHz	QPSK	1	0	24.00	23.61	23.47	23.70
			1	2	24.00	23.84	23.47	23.92
			1	5	24.00	23.87	23.48	23.77
			3	0	24.00	23.75	23.69	23.88
			3	1	24.00	23.65	23.62	23.95
			3	2	24.00	23.66	23.65	23.92
			6	0	23.00	22.89	22.67	22.74
		16QAM	1	0	23.00	22.41	22.36	22.65
			1	2	23.00	23.00	22.49	22.86
			1	5	23.00	22.83	22.38	22.89
			3	0	24.00	23.69	23.65	23.85
			3	1	24.00	23.71	23.59	23.83
			3	2	24.00	23.63	23.63	23.92
			6	0	22.00	21.75	21.41	21.62
Band	Band Width	Modulation	RB Configuration		Tune-up (dBm)	Channel/Frequency(MHz)		
			RB Size	RB Offset		131987/1711.5	132322/1745	132657/1778.5
LTE Band 66	3MHz	QPSK	1	0	24.50	23.87	23.92	24.00
			1	7	24.50	23.95	23.80	23.93
			1	14	24.50	24.14	23.83	23.80
			8	0	24.00	22.94	23.24	22.96
			8	4	24.00	22.88	23.60	22.93
			8	7	24.00	22.91	23.45	22.78
			15	0	23.50	23.07	22.86	22.95
		16QAM	1	0	23.50	22.98	23.43	22.89
			1	7	23.50	22.74	23.17	22.56
			1	14	23.50	22.92	23.45	22.88
			8	0	24.00	22.77	23.43	22.97
			8	4	24.00	22.88	23.60	22.87
			8	7	24.00	22.79	23.50	22.86
			15	0	22.00	21.96	21.76	21.84
Band	Band Width	Modulation	RB Configuration		Tune-up (dBm)	Channel/Frequency(MHz)		
			RB Size	RB Offset		131997/1712.5	132322/1745	132647/1777.5

LTE Band 66	5MHz	QPSK	1	0	24.50	23.92	23.75	23.95
			1	12	24.50	24.03	23.92	24.05
			1	24	24.50	24.07	23.80	23.80
			12	0	23.50	23.09	22.88	22.86
			12	6	23.50	22.96	22.88	22.82
			12	11	23.50	23.09	22.80	22.83
			25	0	23.50	23.04	22.93	22.87
		16QAM	1	0	23.50	22.91	22.91	22.85
			1	12	23.50	22.90	23.14	23.09
			1	24	23.50	22.89	22.80	22.95
			12	0	23.50	22.97	22.88	22.84
			12	6	23.50	22.96	22.88	22.80
			12	11	23.50	23.08	22.80	22.84
			25	0	22.50	22.00	21.82	22.12
Band	Band Width	Modulation	RB Configuration		Tune-up (dBm)	Channel/Frequency(MHz)		
			RB Size	RB Offset		132022/1715	132322/1745	132622/1775
LTE Band 66	10MHz	QPSK	1	0	24.50	23.87	24.17	23.85
			1	24	24.50	24.34	24.15	24.39
			1	49	24.50	23.89	23.67	23.91
			25	0	23.50	23.05	22.94	22.95
			25	12	23.50	23.06	22.95	22.91
			25	24	23.50	23.06	22.92	23.06
			50	0	23.50	23.06	22.88	23.05
		16QAM	1	0	23.50	22.81	23.09	22.69
			1	24	23.50	22.98	23.15	23.12
			1	49	23.50	22.89	23.47	23.20
			25	0	23.50	23.06	22.95	22.93
			25	12	23.50	23.06	22.95	22.91
			25	24	23.50	23.05	22.92	23.06
			50	0	22.50	22.05	21.74	22.04
Band	Band Width	Modulation	RB Configuration		Tune-up (dBm)	Channel/Frequency(MHz)		
			RB Size	RB Offset		132047/1717.5	132322/1745	132597/1772.5
LTE Band 66	15MHz	QPSK	1	0	24.50	23.86	24.14	23.79
			1	37	24.50	23.91	23.91	23.77
			1	74	24.50	23.91	23.40	23.54
			36	0	24.00	22.76	23.99	22.56
			36	18	24.00	22.89	23.78	22.74
			36	37	24.00	22.37	23.31	22.18
			75	0	23.50	23.09	22.89	22.90
		16QAM	1	0	24.00	22.94	23.70	22.82
			1	37	24.00	22.90	23.56	22.88
			1	74	24.00	23.10	23.41	22.58
			36	0	24.00	22.72	23.95	22.65
			36	18	24.00	22.88	23.76	22.71
			36	37	24.00	22.35	23.29	22.20
			75	0	22.50	22.06	21.76	21.95

Band	Band Width	Modulation	RB Configuration		Tune-up (dBm)	Channel/Frequency(MHz)		
			RB Size	RB Offset		132047/1717.5	132322/1745	132572/1770
LTE Band 66	20MHz	QPSK	1	0	24.50	24.00	23.99	23.96
			1	49	24.50	24.49	24.17	24.26
			1	99	24.50	24.06	24.09	23.92
			50	0	23.50	23.22	23.20	23.10
			50	24	23.50	23.24	23.12	23.13
			50	49	23.50	23.26	22.86	23.02
			100	0	23.50	23.19	22.97	23.04
		16QAM	1	0	24.00	23.58	23.02	23.18
			1	49	24.00	23.76	22.85	23.45
			1	99	24.00	23.24	22.94	23.44
			50	0	23.50	23.24	23.12	23.11
			50	24	23.50	23.23	23.12	23.03
			50	49	23.50	23.22	22.78	22.98
			100	0	22.50	22.27	21.96	22.00

#### CA Output Power

Mode	PCC RB No.	PCC RB offset	SCC RB No.	SCC RB offset	Tune up (dBm)	Total Power(dBm)		
						Low	Mid	High
1.4MHz+5MHz								
QPSK	1	5	1	0	25.00	24.63	24.67	23.75
	6	0	25	0	25.00	24.66	24.71	23.73
16QAM	1	5	1	0	25.00	24.53	24.43	23.64
	6	0	25	0	25.00	24.60	24.67	23.72
1.4MHz+10MHz								
QPSK	1	5	1	0	25.00	24.60	24.72	23.83
	6	0	50	0	25.00	24.69	24.73	23.92
16QAM	1	5	1	0	25.00	24.32	24.43	23.74
	6	0	50	0	25.00	24.66	24.68	23.91
3MHz+5MHz								
QPSK	1	14	1	0	25.00	24.54	24.91	23.88
	15	0	25	0	25.00	24.70	24.79	23.86
16QAM	1	14	1	0	25.00	24.26	24.72	24.30
	15	0	25	0	25.00	24.66	24.83	23.91
3MHz+10MHz								
QPSK	1	14	1	0	25.00	24.71	24.88	23.94
	15	0	50	0	25.00	24.74	24.83	23.94
16QAM	1	14	1	0	25.00	24.55	24.48	24.36
	15	0	50	0	25.00	24.77	24.81	24.08
5MHz+5MHz								
QPSK	1	24	1	0	25.00	24.40	24.90	23.87
	25	0	25	0	25.00	24.58	24.82	24.15
16QAM	1	24	1	0	25.00	24.32	24.78	24.12
	25	0	25	0	25.00	24.70	24.84	24.17
5MHz+10MHz								
QPSK	1	24	1	0	25.00	24.50	24.91	24.10

	25	0	50	0	25.00	24.65	24.79	23.97
16QAM	1	24	1	0	25.00	24.41	24.80	23.95
	25	0	50	0	25.00	24.63	24.79	23.96
10MHz+5MHz								
QPSK	1	49	1	0	25.00	23.90	24.87	24.17
	50	0	25	0	25.00	24.42	24.71	23.92
16QAM	1	49	1	0	25.00	23.75	24.73	23.81
	50	0	25	0	25.00	24.43	24.72	23.93
10MHz+10MHz								
QPSK	1	49	1	0	25.00	24.11	24.82	24.00
	50	0	50	0	25.00	24.54	24.74	24.06
16QAM	1	49	1	0	25.00	24.46	24.47	23.91
	50	0	50	0	25.00	24.53	24.76	24.12
15MHz+5MHz								
QPSK	1	74	1	0	25.00	23.85	24.67	23.76
	75	0	25	0	25.00	24.24	24.59	24.03
16QAM	1	74	1	0	25.00	23.80	25.08	23.54
	75	0	25	0	25.00	24.25	24.60	24.03
15MHz+10MHz								
QPSK	1	74	1	0	25.00	23.87	24.68	23.87
	75	0	50	0	25.00	24.22	24.15	24.13
16QAM	1	74	1	0	25.00	23.82	24.40	24.21
	75	0	50	0	25.00	24.19	24.61	24.22
20MHz+5MHz								
QPSK	1	99	1	0	25.00	24.39	24.52	23.66
	100	0	25	0	25.00	24.24	24.58	24.21
16QAM	1	99	1	0	25.00	24.53	24.34	23.53
	100	0	25	0	25.00	24.25	24.55	24.21
20MHz+10MHz								
QPSK	1	99	1	0	25.00	24.41	24.53	24.01
	100	0	50	0	25.00	24.23	24.57	24.26
16QAM	1	99	1	0	25.00	24.50	24.45	23.68
	100	0	50	0	25.00	24.27	24.57	24.31

NR Conducted Power

NR SA

Band	Band Width	Modulation	RB Configuration	Tune-up	Channel/Frequency(MHz)				
					370500/1852.5	376000/1880	381500/1907.5		
NR Band n2	5MHz	DFT-PI2BPSK	Edge_1RB_Left	21.50	21.20	21.07	20.13		
			Edge_1RB_Right	21.50	21.27	20.86	19.81		
			Outer_Full	24.00	23.70	20.94	20.00		
			Inner_Full	24.50	24.14	22.55	21.45		
		DFT QPSK	Edge_1RB_Left	23.50	23.22	21.17	20.52		
			Edge_1RB_Right	23.50	23.04	20.97	20.28		
			Outer_Full	23.50	23.13	20.97	20.00		
			Inner_Full	24.50	24.19	22.56	21.47		
		DFT 16QAM	Edge_1RB_Left	22.50	22.19	21.07	20.24		
			Edge_1RB_Right	22.50	22.09	20.88	20.14		
			Outer_Full	22.50	22.13	21.13	20.04		
			Inner_Full	23.50	23.05	21.93	20.90		
		DFT 64QAM	Edge_1RB_Left	21.50	21.29	20.68	19.50		
			Edge_1RB_Right	21.50	21.22	20.53	19.27		
			Outer_Full	22.00	21.72	20.44	19.47		
			Inner_Full	22.00	21.68	20.55	19.59		
		DFT 256QAM	Edge_1RB_Left	21.50	21.40	20.68	19.60		
			Edge_1RB_Right	21.50	21.21	20.64	19.26		
			Outer_Full	22.00	21.73	20.44	19.47		
			Inner_Full	22.00	21.79	20.55	19.58		
		CP QPSK	Edge_1RB_Left	23.50	23.17	21.15	20.50		
			Edge_1RB_Right	23.50	23.12	21.05	20.27		
			Outer_Full	23.50	23.20	21.06	20.00		
			Inner_Full	23.50	23.19	22.58	21.58		
		CP-16QAM	Edge_1RB_Left	22.50	22.27	21.06	20.26		
			Edge_1RB_Right	22.50	22.06	20.88	20.12		
			Outer_Full	22.50	22.12	21.12	20.12		
			Inner_Full	22.50	22.13	22.02	20.98		
		CP-64QAM	Edge_1RB_Left	21.50	21.37	20.79	19.50		
			Edge_1RB_Right	21.50	21.20	20.53	19.26		
			Outer_Full	22.00	21.83	20.46	19.46		
			Inner_Full	22.00	21.72	20.36	19.46		
		CP-256QAM	Edge_1RB_Left	21.50	21.38	20.68	19.51		
			Edge_1RB_Right	21.50	21.21	20.52	19.26		
			Outer_Full	22.00	21.82	20.52	19.56		
			Inner_Full	22.00	21.71	20.37	19.47		
		Band	Band	Modulation	RB	Tune-	Channel/Frequency(MHz)		

	Width		Configuration	up	371000/1855	376000/1880	381000/1905		
NR Band n2	10MHz	DFT- PI2BPSK	Edge_1RB_Left	21.50	21.08	21.04	20.19		
			Edge_1RB_Right	21.50	21.00	20.78	19.82		
			Outer_Full	21.50	21.23	20.97	20.03		
			Inner_Full	24.50	24.15	22.50	21.58		
		DFT QPSK	Edge_1RB_Left	23.50	23.18	21.19	20.24		
			Edge_1RB_Right	23.50	23.03	20.90	19.90		
			Outer_Full	23.50	23.05	21.05	20.02		
			Inner_Full	24.50	24.09	22.56	21.67		
		DFT 16QAM	Edge_1RB_Left	22.50	22.09	20.93	20.32		
			Edge_1RB_Right	22.50	21.90	20.73	19.89		
			Outer_Full	22.50	22.10	20.89	19.96		
			Inner_Full	23.50	23.09	22.10	21.15		
		DFT 64QAM	Edge_1RB_Left	21.50	21.25	20.72	19.88		
			Edge_1RB_Right	21.50	21.02	20.42	19.52		
			Outer_Full	22.00	21.58	20.49	19.67		
			Inner_Full	22.00	21.67	20.52	19.57		
		DFT 256QAM	Edge_1RB_Left	21.50	21.15	20.64	19.88		
			Edge_1RB_Right	21.50	21.01	20.41	19.52		
			Outer_Full	22.00	21.59	20.49	19.57		
			Inner_Full	22.00	21.77	20.56	19.56		
		CP QPSK	Edge_1RB_Left	23.50	23.14	21.17	20.24		
			Edge_1RB_Right	23.50	22.98	20.89	19.92		
			Outer_Full	23.00	22.98	20.95	20.08		
			Inner_Full	23.00	22.97	22.48	21.59		
		CP-16QAM	Edge_1RB_Left	22.50	22.07	21.09	20.31		
			Edge_1RB_Right	22.50	21.87	20.71	19.88		
			Outer_Full	22.00	21.86	20.96	20.06		
			Inner_Full	22.00	21.87	21.99	21.06		
		CP-64QAM	Edge_1RB_Left	21.50	21.22	20.64	19.56		
			Edge_1RB_Right	21.50	20.98	20.42	19.29		
			Outer_Full	21.00	20.99	20.48	19.66		
			Inner_Full	21.00	20.98	20.46	19.60		
		CP- 256QAM	Edge_1RB_Left	21.50	21.23	20.63	19.86		
			Edge_1RB_Right	21.50	20.99	20.42	19.50		
			Outer_Full	21.00	20.99	20.47	19.60		
			Inner_Full	21.00	20.99	20.46	19.52		
		Band	Band Width	Modulation	RB Configuration	Tune- up	Channel/Frequency(MHz)		
							371500/1857.5	376000/1880	380500/1902.5
		NR Band n2	15MHz	DFT- PI2BPSK	Edge_1RB_Left	21.50	21.02	20.95	20.20
					Edge_1RB_Right	21.50	20.83	20.63	19.69
Outer_Full	21.50				21.13	20.84	20.02		



			Inner_Full	24.00	23.95	22.31	21.53
		DFT QPSK	Edge_1RB_Left	23.00	22.93	21.14	20.26
			Edge_1RB_Right	23.00	22.82	20.75	19.68
			Outer_Full	23.00	22.96	20.85	20.03
			Inner_Full	24.00	23.89	22.40	21.62
		DFT 16QAM	Edge_1RB_Left	22.00	21.84	21.03	20.35
			Edge_1RB_Right	22.00	21.55	20.64	19.88
			Outer_Full	22.50	22.02	20.80	20.09
			Inner_Full	23.00	22.99	21.79	21.04
		DFT 64QAM	Edge_1RB_Left	21.50	21.17	20.58	19.70
			Edge_1RB_Right	21.50	20.97	20.17	19.21
			Outer_Full	22.00	21.54	20.41	19.67
			Inner_Full	21.50	21.42	20.40	19.68
		DFT 256QAM	Edge_1RB_Left	21.50	21.17	20.58	19.70
			Edge_1RB_Right	21.50	20.97	20.17	19.23
			Outer_Full	22.00	21.54	20.41	19.66
			Inner_Full	21.50	21.40	20.39	19.58
		CP QPSK	Edge_1RB_Left	23.00	22.88	21.04	20.24
			Edge_1RB_Right	23.00	22.78	20.84	19.77
			Outer_Full	23.00	22.78	20.84	20.06
			Inner_Full	23.00	22.83	22.28	21.48
		CP-16QAM	Edge_1RB_Left	22.00	21.91	20.84	20.33
			Edge_1RB_Right	22.00	21.61	20.63	19.94
			Outer_Full	22.00	21.61	20.94	20.06
			Inner_Full	22.00	21.61	21.81	21.01
		CP-64QAM	Edge_1RB_Left	21.50	21.11	20.48	19.69
			Edge_1RB_Right	21.50	20.95	20.17	19.22
			Outer_Full	21.00	20.94	20.36	19.50
			Inner_Full	21.00	20.95	20.38	19.54
		CP-256QAM	Edge_1RB_Left	21.50	21.11	20.48	19.71
			Edge_1RB_Right	21.50	20.94	20.17	19.22
			Outer_Full	21.00	20.94	20.37	19.59
			Inner_Full	21.00	20.93	20.38	19.52
Band	Band Width	Modulation	RB Configuration	Tune-up	Channel/Frequency(MHz)		
					372000/1860	376000/1880	380000/1900
NR Band n2	20MHz	DFT-PI2BPSK	Edge_1RB_Left	21.50	20.98	21.04	20.35
			Edge_1RB_Right	21.50	21.06	20.67	19.66
			Outer_Full	23.50	23.44	20.84	20.18
			Inner_Full	24.00	23.92	22.35	21.61
		DFT QPSK	Edge_1RB_Left	24.00	23.00	23.13	23.42
			Edge_1RB_Right	24.00	23.75	23.66	23.82
			Outer_Full	23.00	22.99	22.86	22.17
			Inner_Full	24.00	23.96	23.38	23.71

		DFT 16QAM	Edge_1RB_Left	22.00	22.00	20.92	20.46
			Edge_1RB_Right	22.00	21.76	20.53	19.89
			Outer_Full	22.00	21.98	20.82	20.14
			Inner_Full	23.00	22.95	21.77	21.09
		DFT 64QAM	Edge_1RB_Left	21.50	21.07	20.60	20.05
			Edge_1RB_Right	21.50	20.94	20.13	19.29
			Outer_Full	21.50	21.47	20.41	19.78
			Inner_Full	21.50	21.41	20.35	19.68
		DFT 256QAM	Edge_1RB_Left	21.50	21.08	20.61	19.95
			Edge_1RB_Right	21.50	20.93	20.23	19.39
			Outer_Full	21.50	21.46	20.41	19.68
			Inner_Full	21.50	21.41	20.35	19.70
		CP QPSK	Edge_1RB_Left	23.00	22.96	21.01	20.41
			Edge_1RB_Right	23.00	22.82	20.66	19.72
			Outer_Full	23.00	22.81	20.89	20.14
			Inner_Full	23.00	22.81	22.32	21.59
		CP-16QAM	Edge_1RB_Left	22.50	22.06	20.91	20.45
			Edge_1RB_Right	22.50	21.84	20.54	19.78
			Outer_Full	22.00	21.83	20.80	20.12
			Inner_Full	22.00	21.84	21.91	21.09
		CP-64QAM	Edge_1RB_Left	21.50	21.17	20.61	20.06
			Edge_1RB_Right	21.50	20.93	20.14	19.37
			Outer_Full	21.00	20.92	20.35	19.65
			Inner_Full	21.00	20.93	20.36	19.66
		CP- 256QAM	Edge_1RB_Left	21.50	21.07	20.62	19.95
			Edge_1RB_Right	21.50	20.92	20.13	19.29
			Outer_Full	21.00	20.92	20.35	19.66
			Inner_Full	21.00	20.91	20.35	19.67

Band	Band Width	Modulation	RB Configuration	Tune-up	Channel/Frequency(MHz)		
					165300/826.5	167300/836.5	169300/846.5
NR Band n5	5MHz	DFT- PI2BPSK	Edge_1RB_Left	24.00	23.00	22.90	22.83
			Edge_1RB_Right	24.00	23.90	22.92	22.77
			Outer_Full	23.50	23.02	22.70	22.72
			Inner_Full	23.50	23.05	23.20	23.19
		DFT QPSK	Edge_1RB_Left	23.50	23.11	23.10	22.91
			Edge_1RB_Right	23.50	23.01	22.87	22.76
			Outer_Full	23.50	23.03	22.82	22.75
			Inner_Full	23.50	23.04	23.19	23.23
		DFT 16QAM	Edge_1RB_Left	24.00	23.98	22.75	23.23
			Edge_1RB_Right	24.00	23.52	23.01	22.77
			Outer_Full	24.00	23.52	22.85	22.77
			Inner_Full	24.00	23.53	23.61	23.58
		DFT	Edge_1RB_Left	22.50	21.47	22.30	22.27

		64QAM	Edge_1RB_Right	22.50	21.29	22.23	22.40		
			Outer_Full	22.50	21.48	22.28	22.28		
			Inner_Full	22.50	21.43	22.30	22.22		
		DFT 256QAM	Edge_1RB_Left	22.50	21.36	22.48	22.48		
			Edge_1RB_Right	22.50	21.30	22.39	22.13		
			Outer_Full	22.50	21.48	22.28	22.18		
			Inner_Full	22.50	21.42	22.30	22.23		
		CP QPSK	Edge_1RB_Left	24.00	23.17	23.09	23.01		
			Edge_1RB_Right	24.00	23.98	22.88	22.89		
			Outer_Full	23.00	23.00	22.70	22.73		
			Inner_Full	23.50	23.00	23.33	23.29		
		CP-16QAM	Edge_1RB_Left	24.00	23.96	23.09	22.88		
			Edge_1RB_Right	24.00	23.54	22.99	22.86		
			Outer_Full	23.50	23.43	22.83	22.75		
			Inner_Full	24.00	23.60	23.79	23.74		
		CP-64QAM	Edge_1RB_Left	22.50	21.45	22.31	22.37		
			Edge_1RB_Right	22.50	21.27	22.34	22.38		
			Outer_Full	22.50	21.48	22.18	22.23		
			Inner_Full	22.50	21.46	22.05	22.03		
		CP- 256QAM	Edge_1RB_Left	23.00	21.46	22.31	22.19		
			Edge_1RB_Right	23.00	21.39	22.50	22.40		
			Outer_Full	22.50	21.46	22.19	22.27		
			Inner_Full	22.50	21.48	22.16	22.12		
		Band	Band Width	Modulation	RB Configuration	Tune- up	Channel/Frequency(MHz)		
							165800/829	167300/836.5	168800/844
		NR Band n5	10MHz	DFT- PI2BPSK	Edge_1RB_Left	23.50	23.04	22.85	22.77
					Edge_1RB_Right	23.50	22.70	22.62	22.60
					Outer_Full	23.00	22.90	22.74	22.81
Inner_Full	23.50				23.36	23.31	23.37		
DFT QPSK	Edge_1RB_Left			23.50	22.97	23.15	22.73		
	Edge_1RB_Right			23.50	22.70	22.72	22.89		
	Outer_Full			23.00	22.89	22.85	22.81		
	Inner_Full			23.50	23.40	23.30	23.23		
DFT 16QAM	Edge_1RB_Left			23.50	22.92	22.96	23.09		
	Edge_1RB_Right			23.50	22.87	23.04	22.95		
	Outer_Full			23.00	22.94	22.76	22.63		
	Inner_Full			24.00	23.93	23.82	23.77		
DFT 64QAM	Edge_1RB_Left			23.00	22.61	22.29	22.03		
	Edge_1RB_Right			23.00	22.29	22.14	22.18		
	Outer_Full			22.50	22.35	22.34	22.21		
	Inner_Full			22.50	22.38	22.33	22.21		
DFT	Edge_1RB_Left	23.00	22.63	22.28	22.13				

		256QAM	Edge_1RB_Right	23.00	22.39	22.13	22.18
			Outer_Full	22.50	22.35	22.32	22.31
			Inner_Full	22.50	22.38	22.33	22.30
		CP QPSK	Edge_1RB_Left	23.50	22.95	23.04	22.81
			Edge_1RB_Right	23.50	22.69	22.82	22.87
			Outer_Full	23.00	22.98	22.82	22.74
			Inner_Full	23.50	23.41	23.23	23.22
		CP-16QAM	Edge_1RB_Left	23.50	22.89	23.03	22.42
			Edge_1RB_Right	23.50	22.85	23.01	22.96
			Outer_Full	23.00	22.96	22.78	22.70
			Inner_Full	24.00	23.94	23.81	23.73
		CP-64QAM	Edge_1RB_Left	23.00	22.51	22.28	22.03
			Edge_1RB_Right	23.00	22.29	22.14	22.17
			Outer_Full	22.50	22.44	22.20	22.23
			Inner_Full	22.50	22.41	22.28	22.23
		CP-256QAM	Edge_1RB_Left	23.00	22.51	22.29	22.13
			Edge_1RB_Right	23.00	22.29	22.14	22.16
			Outer_Full	22.50	22.34	22.30	22.23
			Inner_Full	22.50	22.42	22.30	22.23
		Band	Band Width	Modulation	RB Configuration	Tune-up	Channel/Frequency(MHz)
					166300/831.5	167300/836.5	168300/841.5
NR Band n5	15MHz	DFT-PI2BPSK	Edge_1RB_Left	23.00	22.99	22.69	22.70
			Edge_1RB_Right	23.00	22.61	22.56	22.60
			Outer_Full	23.00	22.77	22.68	22.76
			Inner_Full	23.50	23.23	23.20	23.19
		DFT QPSK	Edge_1RB_Left	23.00	22.92	22.80	22.87
			Edge_1RB_Right	23.00	22.90	22.68	22.90
			Outer_Full	23.00	22.89	22.69	22.84
			Inner_Full	23.50	23.35	23.28	23.21
		DFT 16QAM	Edge_1RB_Left	23.00	22.95	22.82	22.93
			Edge_1RB_Right	23.00	22.63	22.60	22.95
			Outer_Full	23.00	22.72	22.65	22.62
			Inner_Full	24.00	23.86	23.80	23.62
		DFT 64QAM	Edge_1RB_Left	22.50	22.47	22.48	22.08
			Edge_1RB_Right	22.50	22.31	22.27	22.11
			Outer_Full	22.50	22.48	22.30	22.23
			Inner_Full	22.50	22.28	22.23	22.27
		DFT 256QAM	Edge_1RB_Left	22.50	22.45	22.48	22.28
			Edge_1RB_Right	22.50	22.31	22.23	22.11
			Outer_Full	22.50	22.39	22.31	22.23
			Inner_Full	22.50	22.28	22.23	22.17
CP QPSK	Edge_1RB_Left	23.00	22.90	22.79	22.77		

			Edge_1RB_Right	23.00	22.59	22.68	22.89
			Outer_Full	23.00	22.86	22.68	22.66
			Inner_Full	23.50	23.36	23.23	23.18
		CP-16QAM	Edge_1RB_Left	23.50	22.97	22.81	22.91
			Edge_1RB_Right	23.50	22.63	22.81	23.05
			Outer_Full	23.00	22.84	22.77	22.66
			Inner_Full	24.00	23.78	23.74	23.67
		CP-64QAM	Edge_1RB_Left	23.00	22.78	22.47	22.17
			Edge_1RB_Right	23.00	22.51	22.27	22.11
			Outer_Full	22.50	22.23	22.23	22.14
			Inner_Full	22.50	22.37	22.22	22.23
		CP-256QAM	Edge_1RB_Left	22.50	22.46	22.37	22.07
			Edge_1RB_Right	22.50	22.27	22.27	22.21
			Outer_Full	22.50	22.44	22.23	22.23
			Inner_Full	22.50	22.23	22.22	22.23
Band	Band Width	Modulation	RB Configuration	Tune-up	Channel/Frequency(MHz)		
					166800/834	167300/836.5	167800/839
NR Band n5	20MHz	DFT-PI2BPSK	Edge_1RB_Left	23.00	22.90	22.85	22.73
			Edge_1RB_Right	23.00	22.50	22.55	22.64
			Outer_Full	23.50	23.29	22.71	22.89
			Inner_Full	23.50	22.58	23.21	23.23
		DFT QPSK	Edge_1RB_Left	24.00	23.00	23.16	22.75
			Edge_1RB_Right	24.00	22.60	22.64	22.58
			Outer_Full	24.00	23.77	22.81	22.78
			Inner_Full	24.00	23.78	23.22	23.23
		DFT 16QAM	Edge_1RB_Left	24.00	23.00	22.83	22.80
			Edge_1RB_Right	24.00	23.75	22.79	22.64
			Outer_Full	24.00	23.81	22.65	22.64
			Inner_Full	24.00	23.79	23.67	23.72
		DFT 64QAM	Edge_1RB_Left	23.00	23.00	22.48	22.19
			Edge_1RB_Right	23.00	22.65	22.23	22.43
			Outer_Full	23.50	23.37	22.31	22.29
			Inner_Full	23.50	23.29	22.23	22.23
		DFT 256QAM	Edge_1RB_Left	23.00	22.98	22.49	22.44
			Edge_1RB_Right	23.00	22.64	22.23	22.22
			Outer_Full	23.50	23.36	22.33	22.38
			Inner_Full	23.50	23.27	22.23	22.23
		CP QPSK	Edge_1RB_Left	24.00	23.96	22.82	22.74
			Edge_1RB_Right	24.00	23.63	22.71	22.86
			Outer_Full	24.00	23.63	22.71	22.64
			Inner_Full	24.00	23.65	23.23	23.19
		CP-16QAM	Edge_1RB_Left	24.00	23.88	22.82	22.78

			Edge_1RB_Right	24.00	23.68	22.77	22.70
			Outer_Full	24.00	23.78	22.71	22.73
			Inner_Full	24.00	23.67	23.75	23.67
		CP-64QAM	Edge_1RB_Left	23.50	23.04	22.47	22.33
			Edge_1RB_Right	23.50	22.61	22.22	22.22
			Outer_Full	23.00	22.61	22.23	22.18
			Inner_Full	23.00	22.59	22.19	22.11
		CP-256QAM	Edge_1RB_Left	23.00	22.95	22.48	22.42
			Edge_1RB_Right	23.00	22.69	22.22	22.23
			Outer_Full	23.00	22.79	22.23	22.29
			Inner_Full	23.00	22.60	22.18	22.21

Band	Band Width	Modulation	RB Configuration	Tune-up	Channel/Frequency(MHz)		
					140300/701.5	141500/707.5	142700/713.5
NR Band n12	5MHz	DFT-PI2BPSK	Edge_1RB_Left	23.50	23.41	23.33	23.21
			Edge_1RB_Right	23.50	23.36	23.16	23.19
			Outer_Full	24.00	23.50	23.87	23.84
			Inner_Full	24.00	23.03	23.88	23.79
		DFT QPSK	Edge_1RB_Left	24.00	23.62	23.18	23.86
			Edge_1RB_Right	24.00	23.64	23.31	23.23
			Outer_Full	24.00	23.55	23.36	23.83
			Inner_Full	24.00	23.57	23.86	23.73
		DFT 16QAM	Edge_1RB_Left	24.00	23.00	23.23	23.02
			Edge_1RB_Right	24.00	23.96	23.14	23.23
			Outer_Full	23.50	23.04	23.22	23.07
			Inner_Full	23.50	23.02	23.21	23.20
		DFT 64QAM	Edge_1RB_Left	23.50	21.74	23.43	23.19
			Edge_1RB_Right	23.50	21.72	23.37	23.17
			Outer_Full	24.00	21.88	23.93	23.85
			Inner_Full	24.00	21.79	23.77	23.85
		DFT 256QAM	Edge_1RB_Left	23.50	21.73	23.40	23.30
			Edge_1RB_Right	23.50	21.72	23.35	23.15
			Outer_Full	24.00	21.87	23.92	23.91
			Inner_Full	24.00	21.78	23.89	23.73
		CP QPSK	Edge_1RB_Left	24.00	23.68	23.42	23.22
			Edge_1RB_Right	24.00	23.59	23.23	23.21
			Outer_Full	24.00	23.50	23.41	23.35
			Inner_Full	23.50	23.40	23.31	23.23
		CP-16QAM	Edge_1RB_Left	23.50	23.06	23.21	23.21
			Edge_1RB_Right	23.50	23.02	23.09	23.19
			Outer_Full	23.50	23.00	23.29	23.18
			Inner_Full	24.00	23.99	23.30	23.19
		CP-64QAM	Edge_1RB_Left	23.50	21.80	23.39	23.23

			Edge_1RB_Right	23.50	21.68	23.35	23.23
			Outer_Full	24.00	21.92	23.90	23.78
			Inner_Full	24.00	21.92	23.81	23.78
		CP-256QAM	Edge_1RB_Left	23.50	21.78	23.41	23.23
			Edge_1RB_Right	23.50	21.79	23.35	23.22
			Outer_Full	24.00	21.82	23.80	23.76
			Inner_Full	24.00	22.02	23.80	23.77
Band	Band Width	Modulation	RB Configuration	Tune-up	Channel/Frequency(MHz)		
					140800/704	141500/707.5	142200/711
NR Band n12	10MHz	DFT-PI2BPSK	Edge_1RB_Left	24.00	23.32	23.54	23.28
			Edge_1RB_Right	24.00	23.17	23.17	23.02
			Outer_Full	24.00	23.81	23.11	23.23
			Inner_Full	24.00	23.91	23.81	23.77
		DFT QPSK	Edge_1RB_Left	23.50	23.10	23.31	23.35
			Edge_1RB_Right	23.50	23.34	23.15	23.10
			Outer_Full	23.50	23.38	23.38	23.21
			Inner_Full	24.00	23.93	23.85	23.77
		DFT 16QAM	Edge_1RB_Left	24.00	23.52	23.16	23.29
			Edge_1RB_Right	24.00	23.30	23.95	23.29
			Outer_Full	24.00	23.53	23.33	23.37
			Inner_Full	23.50	23.33	23.28	23.27
		DFT 64QAM	Edge_1RB_Left	24.00	23.53	23.56	23.06
			Edge_1RB_Right	24.00	23.39	23.35	22.89
			Outer_Full	24.00	23.90	23.84	22.77
			Inner_Full	24.00	23.05	23.85	22.83
		DFT 256QAM	Edge_1RB_Left	24.00	23.52	23.56	22.95
			Edge_1RB_Right	24.00	23.40	23.23	22.80
			Outer_Full	24.00	23.89	23.83	22.86
			Inner_Full	24.00	23.02	23.85	22.73
		CP QPSK	Edge_1RB_Left	23.50	23.45	23.35	23.34
			Edge_1RB_Right	23.50	23.23	23.09	23.19
			Outer_Full	23.50	23.27	23.08	23.29
			Inner_Full	24.00	23.23	23.10	23.79
		CP-16QAM	Edge_1RB_Left	24.00	23.58	23.12	23.50
			Edge_1RB_Right	24.00	23.23	23.92	23.16
			Outer_Full	24.00	23.23	23.92	23.23
			Inner_Full	24.00	23.97	23.93	23.33
		CP-64QAM	Edge_1RB_Left	24.00	23.79	23.54	23.04
			Edge_1RB_Right	24.00	23.72	23.23	22.81
			Outer_Full	24.00	23.90	23.35	22.72
			Inner_Full	23.50	23.36	23.23	22.67
		CP-	Edge_1RB_Left	24.00	23.58	23.54	23.15

		256QAM	Edge_1RB_Right	24.00	23.37	23.35	22.90
			Outer_Full	23.50	23.36	23.35	22.81
			Inner_Full	23.50	23.36	23.34	22.77
Band	Band Width	Modulation	RB Configuration	Tune-up	Channel/Frequency(MHz)		
					141300/706.5	141500/707.5	141700/708.5
NR Band n12	15MHz	DFT-PI2BPSK	Edge_1RB_Left	23.50	23.39	23.09	23.20
			Edge_1RB_Right	23.50	22.89	22.84	22.84
			Outer_Full	23.50	23.29	23.05	23.04
			Inner_Full	24.00	23.72	23.63	23.67
		DFT QPSK	Edge_1RB_Left	24.00	23.20	23.16	23.61
			Edge_1RB_Right	24.00	22.88	22.93	23.06
			Outer_Full	23.50	23.20	23.14	23.13
			Inner_Full	24.00	23.61	23.60	23.69
		DFT 16QAM	Edge_1RB_Left	24.00	23.23	23.30	23.57
			Edge_1RB_Right	24.00	23.03	22.99	23.41
			Outer_Full	23.50	23.06	23.10	23.00
			Inner_Full	23.50	23.14	23.11	23.09
		DFT 64QAM	Edge_1RB_Left	23.00	22.87	22.88	22.95
			Edge_1RB_Right	23.00	22.58	22.72	22.65
			Outer_Full	23.00	22.67	22.69	22.78
			Inner_Full	23.00	22.64	22.62	22.59
		DFT 256QAM	Edge_1RB_Left	23.00	22.78	22.97	22.86
			Edge_1RB_Right	23.00	22.58	22.61	22.64
			Outer_Full	23.00	22.68	22.61	22.67
			Inner_Full	23.00	22.48	22.70	22.59
		CP QPSK	Edge_1RB_Left	24.00	23.22	23.15	23.58
			Edge_1RB_Right	24.00	22.93	22.92	23.15
			Outer_Full	23.50	23.11	23.09	23.08
			Inner_Full	24.00	23.62	23.67	23.58
		CP-16QAM	Edge_1RB_Left	23.50	23.33	23.29	23.47
			Edge_1RB_Right	23.50	23.12	22.96	23.42
			Outer_Full	23.50	23.16	23.09	23.07
			Inner_Full	23.50	23.12	23.09	23.08
		CP-64QAM	Edge_1RB_Left	23.00	22.87	22.88	22.95
			Edge_1RB_Right	23.00	22.56	22.70	22.63
			Outer_Full	23.00	22.68	22.69	22.60
			Inner_Full	23.00	22.59	22.76	22.54
		CP-256QAM	Edge_1RB_Left	23.00	22.79	22.88	22.84
			Edge_1RB_Right	23.00	22.58	22.63	22.63
			Outer_Full	23.00	22.58	22.59	22.70
			Inner_Full	23.00	22.59	22.57	22.75

Band	Band	Modulation	RB	Tune-	Channel/Frequency(MHz)
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	Width		Configuration	up	370500/1852.5	376500/1882.5	382500/1912.5		
NR Band n25	5MHz	DFT- PI2BPSK	Edge_1RB_Left	23.50	23.23	21.13	20.06		
			Edge_1RB_Right	23.50	23.19	20.89	19.99		
			Outer_Full	23.50	23.20	21.00	20.08		
			Inner_Full	23.50	23.22	22.39	21.65		
		DFT QPSK	Edge_1RB_Left	22.50	22.27	21.20	20.07		
			Edge_1RB_Right	22.50	22.30	21.10	20.04		
			Outer_Full	22.50	22.06	21.04	20.08		
			Inner_Full	23.50	23.02	22.47	21.58		
		DFT 16QAM	Edge_1RB_Left	22.00	21.94	20.90	20.34		
			Edge_1RB_Right	22.00	21.76	20.89	20.12		
			Outer_Full	22.00	21.71	21.16	20.20		
			Inner_Full	22.00	21.82	21.87	21.03		
		DFT 64QAM	Edge_1RB_Left	21.00	19.64	20.69	19.57		
			Edge_1RB_Right	21.00	19.58	20.56	19.41		
			Outer_Full	20.50	19.64	20.49	19.60		
			Inner_Full	21.00	19.59	20.54	19.65		
		DFT 256QAM	Edge_1RB_Left	21.00	19.62	20.68	19.58		
			Edge_1RB_Right	21.00	19.57	20.56	19.51		
			Outer_Full	20.50	19.62	20.49	19.62		
			Inner_Full	21.00	19.68	20.55	19.67		
		CP QPSK	Edge_1RB_Left	22.50	22.21	21.18	20.14		
			Edge_1RB_Right	22.50	22.23	21.01	20.03		
			Outer_Full	22.50	22.13	21.01	20.05		
			Inner_Full	23.00	22.11	22.57	21.67		
		CP-16QAM	Edge_1RB_Left	22.00	21.91	20.89	20.13		
			Edge_1RB_Right	22.00	21.83	20.88	20.10		
			Outer_Full	22.00	21.78	21.07	20.11		
			Inner_Full	22.50	21.77	22.07	21.14		
		CP-64QAM	Edge_1RB_Left	21.00	19.61	20.67	19.56		
			Edge_1RB_Right	21.00	19.55	20.65	19.42		
			Outer_Full	20.50	19.71	20.49	19.62		
			Inner_Full	20.50	19.71	20.39	19.56		
		CP- 256QAM	Edge_1RB_Left	21.00	19.60	20.67	19.57		
			Edge_1RB_Right	21.00	19.54	20.55	19.41		
			Outer_Full	20.50	19.70	20.49	19.70		
			Inner_Full	20.50	19.70	20.29	19.47		
		Band	Band Width	Modulation	RB Configuration	Tune- up	Channel/Frequency(MHz)		
							371000/1855	376500/1882.5	382000/1910
		NR Band n25	10MHz	DFT- PI2BPSK	Edge_1RB_Left	21.50	21.13	21.05	20.09
					Edge_1RB_Right	21.50	21.03	20.73	19.85
Outer_Full	21.50				21.19	21.00	20.14		

			Inner_Full	23.00	22.66	22.51	21.68
		DFT QPSK	Edge_1RB_Left	21.50	21.19	21.09	20.19
			Edge_1RB_Right	21.50	21.04	20.99	20.04
			Outer_Full	21.50	21.21	21.00	20.13
			Inner_Full	23.00	22.74	22.52	21.67
		DFT 16QAM	Edge_1RB_Left	21.50	20.99	20.91	20.39
			Edge_1RB_Right	21.50	21.03	21.04	19.99
			Outer_Full	21.50	21.05	20.93	20.08
			Inner_Full	22.50	22.33	21.98	21.13
		DFT 64QAM	Edge_1RB_Left	21.00	20.73	20.59	19.78
			Edge_1RB_Right	21.00	20.60	20.41	19.58
			Outer_Full	21.00	20.66	20.54	19.69
			Inner_Full	21.00	20.75	20.54	19.64
		DFT 256QAM	Edge_1RB_Left	21.00	20.72	20.62	19.78
			Edge_1RB_Right	21.00	20.60	20.41	19.58
			Outer_Full	21.00	20.66	20.53	19.69
			Inner_Full	21.00	20.74	20.54	19.64
		CP QPSK	Edge_1RB_Left	21.50	21.21	21.08	20.18
			Edge_1RB_Right	21.50	21.15	20.84	20.02
			Outer_Full	21.50	21.18	20.97	20.20
			Inner_Full	23.00	22.71	22.41	21.64
		CP-16QAM	Edge_1RB_Left	21.50	21.07	20.90	20.37
			Edge_1RB_Right	21.50	21.02	21.04	20.00
			Outer_Full	21.50	21.09	20.98	20.07
			Inner_Full	22.50	22.19	21.98	21.19
		CP-64QAM	Edge_1RB_Left	21.00	20.72	20.69	19.78
			Edge_1RB_Right	21.00	20.59	20.42	19.58
			Outer_Full	21.00	20.72	20.51	19.64
			Inner_Full	21.00	20.69	20.53	19.68
		CP-256QAM	Edge_1RB_Left	21.00	20.72	20.58	19.77
			Edge_1RB_Right	21.00	20.59	20.40	19.56
			Outer_Full	21.00	20.72	20.51	19.73
			Inner_Full	21.00	20.69	20.53	19.67
Band	Band Width	Modulation	RB Configuration	Tune-up	Channel/Frequency(MHz)		
					371500/1857.5	376500/1882.5	381500/1907.5
NR Band n25	15MHz	DFT-PI2BPSK	Edge_1RB_Left	21.50	21.05	20.93	19.95
			Edge_1RB_Right	21.50	20.84	20.57	19.57
			Outer_Full	21.00	20.92	20.81	19.98
			Inner_Full	23.00	22.50	22.36	21.40
		DFT QPSK	Edge_1RB_Left	21.50	21.14	21.09	19.99
			Edge_1RB_Right	21.50	20.93	20.69	19.65
			Outer_Full	21.50	21.02	20.82	19.90
			Inner_Full	23.00	22.59	22.36	21.48

		DFT 16QAM	Edge_1RB_Left	21.50	21.01	20.82	20.18
			Edge_1RB_Right	21.50	20.86	20.59	19.74
			Outer_Full	21.00	20.98	20.78	19.87
			Inner_Full	22.00	22.00	21.77	20.92
		DFT 64QAM	Edge_1RB_Left	21.00	20.65	20.58	19.46
			Edge_1RB_Right	21.00	20.48	20.23	19.03
			Outer_Full	21.00	20.55	20.38	19.45
			Inner_Full	21.00	20.51	20.36	19.51
		DFT 256QAM	Edge_1RB_Left	21.00	20.64	20.58	19.53
			Edge_1RB_Right	21.00	20.48	20.12	19.13
			Outer_Full	21.00	20.55	20.39	19.45
			Inner_Full	21.00	20.51	20.46	19.50
		CP QPSK	Edge_1RB_Left	21.50	21.13	21.00	20.08
			Edge_1RB_Right	21.50	20.92	20.69	19.75
			Outer_Full	21.00	20.99	20.86	19.94
			Inner_Full	23.00	22.51	22.35	21.39
		CP-16QAM	Edge_1RB_Left	21.00	21.00	20.91	19.97
			Edge_1RB_Right	21.00	20.85	20.59	19.62
			Outer_Full	21.00	20.96	20.87	19.94
			Inner_Full	22.00	21.93	21.80	20.86
		CP-64QAM	Edge_1RB_Left	21.00	20.63	20.57	19.58
			Edge_1RB_Right	21.00	20.47	20.12	19.23
			Outer_Full	20.50	20.47	20.40	19.38
			Inner_Full	21.00	20.53	20.44	19.41
		CP- 256QAM	Edge_1RB_Left	21.00	20.64	20.56	19.63
			Edge_1RB_Right	21.00	20.47	20.12	19.23
			Outer_Full	20.50	20.47	20.30	19.37
			Inner_Full	21.00	20.54	20.34	19.39
Band	Band Width	Modulation	RB Configuration	Tune-up	Channel/Frequency(MHz)		
					372000/1860	376500/1882.5	381000/1905
NR Band n25	20MHz	DFT- PI2BPSK	Edge_1RB_Left	21.00	20.89	20.90	20.14
			Edge_1RB_Right	21.00	20.73	20.43	19.56
			Outer_Full	21.00	20.93	20.83	19.97
			Inner_Full	22.50	22.43	22.23	21.45
		DFT QPSK	Edge_1RB_Left	23.50	23.09	23.10	23.20
			Edge_1RB_Right	23.50	22.85	22.52	22.61
			Outer_Full	21.00	20.94	20.82	20.07
			Inner_Full	22.50	22.45	22.37	21.46
		DFT 16QAM	Edge_1RB_Left	21.00	20.86	20.80	20.26
			Edge_1RB_Right	21.00	20.70	20.51	19.68
			Outer_Full	21.00	20.92	20.78	19.92
			Inner_Full	22.00	21.91	21.82	20.96
		DFT	Edge_1RB_Left	21.00	20.59	20.61	19.79

		64QAM	Edge_1RB_Right	21.00	20.39	20.04	19.23
			Outer_Full	20.50	20.49	20.41	19.56
			Inner_Full	20.50	20.41	20.31	19.58
		DFT 256QAM	Edge_1RB_Left	21.00	20.59	20.61	19.90
			Edge_1RB_Right	21.00	20.30	20.05	19.22
			Outer_Full	20.50	20.49	20.27	19.55
			Inner_Full	21.00	20.52	20.35	19.49
		CP QPSK	Edge_1RB_Left	21.50	21.07	21.06	20.20
			Edge_1RB_Right	21.50	20.84	20.51	19.61
			Outer_Full	21.00	20.91	20.84	19.93
			Inner_Full	22.50	22.49	22.31	21.51
		CP-16QAM	Edge_1RB_Left	21.50	21.03	20.78	20.27
			Edge_1RB_Right	21.50	20.57	20.49	19.68
			Outer_Full	21.00	20.99	20.84	19.91
			Inner_Full	22.50	22.02	21.83	20.94
		CP-64QAM	Edge_1RB_Left	21.00	20.58	20.60	19.78
			Edge_1RB_Right	21.00	20.39	20.12	19.21
			Outer_Full	20.50	20.44	20.41	19.45
			Inner_Full	21.00	20.54	20.37	19.45
		CP-256QAM	Edge_1RB_Left	21.00	20.57	20.58	19.90
Edge_1RB_Right	21.00		20.38	20.03	19.22		
Outer_Full	21.00		20.54	20.33	19.46		
Inner_Full	20.50		20.45	20.27	19.45		

Band	Band Width	Modulation	RB Configuration	Tune-up	Channel/Frequency(MHz)		
					501204/2506.02	518598/2592.99	535998/2679.99
NR Band n41	20MHz	DFT-PI2BPSK	Edge_1RB_Left	24.50	24.04	24.05	24.24
			Edge_1RB_Right	24.50	24.01	24.31	24.47
			Outer_Full	27.00	26.53	24.76	24.94
			Inner_Full	27.00	26.60	26.85	26.51
		DFT QPSK	Edge_1RB_Left	25.00	24.09	24.17	24.33
			Edge_1RB_Right	25.00	24.17	24.34	24.59
			Outer_Full	27.00	26.52	26.83	24.97
			Inner_Full	27.00	26.50	26.84	26.52
		DFT 16QAM	Edge_1RB_Left	25.00	24.21	24.38	24.29
			Edge_1RB_Right	25.00	24.18	24.60	24.38
			Outer_Full	26.00	25.57	25.86	24.94
			Inner_Full	27.00	26.51	26.83	26.00
		DFT 64QAM	Edge_1RB_Left	25.00	23.81	23.88	24.55
			Edge_1RB_Right	25.00	23.83	24.12	24.66
			Outer_Full	25.50	25.10	25.39	24.44
			Inner_Full	26.00	25.12	25.55	24.48
DFT 256QAM	Edge_1RB_Left	25.00	23.82	23.97	24.54		

			Edge_1RB_Right	25.00	23.84	24.01	24.75
			Outer_Full	25.50	25.00	25.41	24.55
			Inner_Full	25.50	25.03	25.45	24.47
		CP QPSK	Edge_1RB_Left	25.00	24.14	24.24	24.35
			Edge_1RB_Right	25.00	24.11	24.31	24.51
			Outer_Full	25.00	24.12	24.42	24.95
			Inner_Full	27.00	26.62	26.93	26.43
		CP-16QAM	Edge_1RB_Left	25.00	24.23	24.57	24.30
			Edge_1RB_Right	25.00	24.19	24.58	24.39
			Outer_Full	25.00	24.20	24.67	24.98
			Inner_Full	27.00	26.53	26.83	26.01
		CP-64QAM	Edge_1RB_Left	25.00	23.94	23.87	24.54
			Edge_1RB_Right	25.00	23.84	24.11	24.76
			Outer_Full	25.00	23.73	24.01	24.50
			Inner_Full	26.00	25.14	25.56	24.49
		CP-256QAM	Edge_1RB_Left	25.00	23.84	23.86	24.56
			Edge_1RB_Right	25.00	23.85	24.11	24.77
			Outer_Full	24.50	23.83	24.11	24.48
			Inner_Full	25.50	25.04	25.45	24.48
Band	Band Width	Modulation	RB Configuration	Tune-up	Channel/Frequency(MHz)		
					503202/2516.01	518598/2592.99	534000/2670
NR Band n41	40MHz	DFT-PI2BPSK	Edge_1RB_Left	25.00	24.07	24.36	24.68
			Edge_1RB_Right	25.00	24.31	24.50	24.65
			Outer_Full	25.50	24.17	24.05	25.03
			Inner_Full	27.00	26.67	26.86	26.49
		DFT QPSK	Edge_1RB_Left	25.00	24.16	24.01	24.70
			Edge_1RB_Right	25.00	24.14	24.02	24.70
			Outer_Full	27.00	26.66	26.92	25.13
			Inner_Full	27.00	26.67	26.83	26.51
		DFT 16QAM	Edge_1RB_Left	25.00	24.32	24.81	24.81
			Edge_1RB_Right	25.00	24.32	24.87	24.67
			Outer_Full	26.00	25.68	26.00	25.09
			Inner_Full	27.00	26.72	26.95	25.91
		DFT 64QAM	Edge_1RB_Left	25.00	23.90	24.10	24.83
			Edge_1RB_Right	25.00	23.94	24.20	24.69
			Outer_Full	25.50	25.24	25.46	24.61
			Inner_Full	25.50	25.21	25.26	24.50
		DFT 256QAM	Edge_1RB_Left	25.00	24.00	24.10	24.93
			Edge_1RB_Right	25.00	24.04	24.29	24.68
			Outer_Full	25.50	25.23	25.44	24.60
			Inner_Full	25.50	25.10	25.43	24.50
CP QPSK	Edge_1RB_Left	25.00	24.12	24.49	24.69		

			Edge_1RB_Right	25.00	24.20	24.56	24.61
			Outer_Full	25.50	24.21	24.55	25.11
			Inner_Full	27.00	24.21	24.55	26.58
		CP-16QAM	Edge_1RB_Left	25.00	24.42	24.76	24.80
			Edge_1RB_Right	25.00	24.30	24.83	24.64
			Outer_Full	25.50	24.30	24.83	25.09
		CP-64QAM	Inner_Full	26.00	24.30	24.83	25.91
			Edge_1RB_Left	25.00	23.89	24.07	24.82
			Edge_1RB_Right	25.00	23.93	24.29	24.99
		CP-256QAM	Outer_Full	25.00	23.94	24.29	24.57
			Inner_Full	24.50	24.04	24.28	24.49
			Edge_1RB_Left	25.50	23.88	24.19	25.09
		CP-256QAM	Edge_1RB_Right	25.50	23.93	24.29	24.94
			Outer_Full	25.00	23.93	24.26	24.58
			Inner_Full	25.00	23.93	24.26	24.58
Band	Band Width	Modulation	RB Configuration	Tune-up	Channel/Frequency(MHz)		
					504204/2521.02	518598/2592.99	532998/2664.99
NR Band n41	50MHz	DFT-PI2BPSK	Edge_1RB_Left	24.50	24.05	24.35	24.43
			Edge_1RB_Right	24.50	24.07	24.49	24.29
			Outer_Full	25.00	24.32	24.85	24.78
			Inner_Full	27.00	26.64	26.41	26.32
		DFT QPSK	Edge_1RB_Left	25.00	24.03	24.40	24.36
			Edge_1RB_Right	25.00	24.01	24.75	24.37
			Outer_Full	27.00	26.64	24.98	24.78
			Inner_Full	27.00	26.64	26.40	26.33
		DFT 16QAM	Edge_1RB_Left	25.00	24.26	24.47	24.45
			Edge_1RB_Right	25.00	24.02	24.62	24.42
			Outer_Full	26.00	25.55	24.95	24.79
			Inner_Full	27.00	26.67	25.88	25.71
		DFT 64QAM	Edge_1RB_Left	25.00	23.86	24.51	24.48
			Edge_1RB_Right	25.00	23.69	24.56	24.45
			Outer_Full	25.50	25.09	24.48	24.38
			Inner_Full	25.50	25.10	24.37	24.25
		DFT 256QAM	Edge_1RB_Left	25.00	23.78	24.69	24.59
			Edge_1RB_Right	25.00	23.79	24.55	24.45
			Outer_Full	25.50	25.09	24.48	24.37
			Inner_Full	25.50	25.10	24.37	24.36
		CP QPSK	Edge_1RB_Left	25.00	24.01	24.60	24.37
			Edge_1RB_Right	25.00	23.90	24.46	24.36
			Outer_Full	25.00	23.92	24.97	24.88
			Inner_Full	26.50	23.90	26.45	26.33
		CP-16QAM	Edge_1RB_Left	25.00	24.23	24.56	24.46

			Edge_1RB_Right	25.00	24.00	24.61	24.41		
			Outer_Full	25.00	24.01	24.98	24.89		
			Inner_Full	26.00	24.12	26.00	25.80		
		CP-64QAM	Edge_1RB_Left	25.00	23.88	24.51	24.68		
			Edge_1RB_Right	25.00	23.69	24.67	24.45		
			Outer_Full	25.00	23.68	24.51	24.35		
			Inner_Full	24.50	23.68	24.41	24.35		
		CP-256QAM	Edge_1RB_Left	25.00	23.87	24.50	24.48		
			Edge_1RB_Right	25.00	23.68	24.75	24.44		
			Outer_Full	24.50	23.70	24.40	24.36		
			Inner_Full	24.50	23.80	24.41	24.26		
Band	Band Width	Modulation	RB Configuration	Tune-up	Channel/Frequency(MHz)				
					505200/2526	518598/2592.99	531996/2659.98		
NR Band n41	60MHz	DFT-PI2BPSK	Edge_1RB_Left	24.50	24.07	24.15	24.33		
			Edge_1RB_Right	24.50	23.98	24.11	24.33		
			Outer_Full	25.00	24.19	24.95	24.83		
			Inner_Full	27.00	26.63	26.50	26.39		
		DFT QPSK	Edge_1RB_Left	24.50	23.99	24.30	24.32		
			Edge_1RB_Right	24.50	24.06	24.18	24.24		
			Outer_Full	27.00	26.62	25.04	24.84		
			Inner_Full	27.00	26.63	26.49	26.41		
		DFT 16QAM	Edge_1RB_Left	24.50	23.66	24.37	24.07		
			Edge_1RB_Right	24.50	23.58	24.24	24.20		
			Outer_Full	26.00	25.64	24.94	24.84		
			Inner_Full	27.00	26.64	25.84	25.77		
		DFT 64QAM	Edge_1RB_Left	25.00	23.75	24.39	24.51		
			Edge_1RB_Right	25.00	23.64	24.26	24.51		
			Outer_Full	25.50	25.16	24.48	24.42		
					Inner_Full	25.50	25.12	24.47	24.34
		DFT 256QAM	Edge_1RB_Left	25.00	23.76	24.39	24.51		
			Edge_1RB_Right	25.00	23.63	24.37	24.50		
			Outer_Full	25.50	25.16	24.47	24.33		
					Inner_Full	25.50	25.11	24.47	24.32
		CP QPSK	Edge_1RB_Left	25.00	24.05	24.50	24.31		
			Edge_1RB_Right	25.00	24.00	24.18	24.25		
			Outer_Full	27.00	26.78	24.95	24.84		
			Inner_Full	27.00	26.69	26.50	26.40		
		CP-16QAM	Edge_1RB_Left	24.50	23.81	24.37	24.16		
			Edge_1RB_Right	24.50	23.56	24.24	24.20		
			Outer_Full	26.00	25.63	24.94	24.81		
			Inner_Full	27.00	26.73	25.83	25.76		
		CP-64QAM	Edge_1RB_Left	25.00	23.75	24.39	24.52		

			Edge_1RB_Right	25.00	23.63	24.26	24.50
			Outer_Full	25.50	25.26	24.48	24.32
			Inner_Full	25.50	25.12	24.47	24.33
		CP-256QAM	Edge_1RB_Left	25.00	23.74	24.39	24.52
			Edge_1RB_Right	25.00	23.72	24.26	24.49
			Outer_Full	25.50	25.14	24.46	24.43
			Inner_Full	25.50	25.23	24.45	24.34
Band	Band Width	Modulation	RB Configuration	Tune-up	Channel/Frequency(MHz)		
					507204/2536.02	518598/2592.99	529998/2649.99
NR Band n41	80MHz	DFT-PI2BPSK	Edge_1RB_Left	24.50	23.98	24.06	24.14
			Edge_1RB_Right	24.50	24.15	24.06	23.99
			Outer_Full	25.50	25.44	24.77	25.45
			Inner_Full	27.00	26.68	26.29	26.68
		DFT QPSK	Edge_1RB_Left	24.50	23.98	24.25	24.20
			Edge_1RB_Right	24.50	24.01	24.03	24.05
			Outer_Full	27.00	26.70	24.78	26.73
			Inner_Full	27.00	26.67	26.28	26.62
		DFT 16QAM	Edge_1RB_Left	25.00	24.14	23.92	24.66
			Edge_1RB_Right	25.00	24.13	23.87	24.19
			Outer_Full	26.00	25.73	24.78	25.63
			Inner_Full	27.00	26.65	25.78	26.56
		DFT 64QAM	Edge_1RB_Left	24.50	23.66	24.31	23.84
			Edge_1RB_Right	24.50	23.71	24.20	23.67
			Outer_Full	25.50	25.05	24.31	25.12
			Inner_Full	25.50	25.39	24.23	25.19
		DFT 256QAM	Edge_1RB_Left	24.50	23.66	24.31	23.83
			Edge_1RB_Right	24.50	23.70	24.31	23.78
			Outer_Full	25.50	25.04	24.41	25.11
			Inner_Full	25.50	25.01	24.33	25.18
		CP QPSK	Edge_1RB_Left	24.50	24.00	24.17	24.23
			Edge_1RB_Right	24.50	24.07	24.04	24.09
			Outer_Full	25.00	23.95	24.77	23.97
			Inner_Full	26.50	24.01	26.30	23.97
		CP-16QAM	Edge_1RB_Left	24.50	24.14	23.98	24.41
			Edge_1RB_Right	24.50	24.23	23.87	24.47
			Outer_Full	25.00	24.23	24.79	24.15
			Inner_Full	26.00	24.13	25.81	24.25
		CP-64QAM	Edge_1RB_Left	24.50	23.88	24.32	24.02
			Edge_1RB_Right	24.50	23.91	24.20	23.74
			Outer_Full	24.50	24.20	24.29	23.74
			Inner_Full	24.50	23.98	24.35	23.73
		CP-256QAM	Edge_1RB_Left	24.50	24.19	24.32	23.91



			Edge_1RB_Right	24.50	24.19	24.23	23.73		
			Outer_Full	24.50	23.80	24.28	23.75		
			Inner_Full	24.50	24.44	24.23	23.74		
Band	Band Width	Modulation	RB Configuration	Tune-up	Channel/Frequency(MHz)				
					508200/2541	518598/2592.99	528996/2644.98		
NR Band n41	90MHz	DFT-PI2BPSK	Edge_1RB_Left	24.50	23.89	23.97	24.19		
			Edge_1RB_Right	24.50	24.02	24.07	23.92		
			Outer_Full	26.00	25.62	24.73	24.01		
			Inner_Full	27.00	26.78	26.34	26.82		
		DFT QPSK	Edge_1RB_Left	24.50	24.06	24.21	24.29		
			Edge_1RB_Right	24.50	24.08	24.07	24.08		
			Outer_Full	27.00	26.76	24.69	26.65		
			Inner_Full	27.00	26.76	26.29	26.75		
		DFT 16QAM	Edge_1RB_Left	24.50	24.15	24.09	24.46		
			Edge_1RB_Right	24.50	24.24	24.16	24.31		
			Outer_Full	26.00	25.82	24.68	25.73		
			Inner_Full	27.00	26.80	25.82	26.71		
		DFT 64QAM	Edge_1RB_Left	24.50	23.80	24.08	24.01		
			Edge_1RB_Right	24.50	23.83	24.30	23.84		
			Outer_Full	26.00	25.50	24.23	25.35		
			Inner_Full	25.50	25.49	24.24	25.23		
		DFT 256QAM	Edge_1RB_Left	24.50	23.77	24.08	23.88		
			Edge_1RB_Right	24.50	23.82	24.18	23.79		
			Outer_Full	25.50	25.13	24.23	25.14		
			Inner_Full	25.50	25.12	24.24	25.23		
		CP QPSK	Edge_1RB_Left	24.50	24.02	24.01	24.23		
			Edge_1RB_Right	24.50	24.02	24.08	24.12		
			Outer_Full	25.00	24.13	24.71	24.12		
			Inner_Full	26.50	24.13	26.35	24.11		
		CP-16QAM	Edge_1RB_Left	24.50	24.19	24.08	24.30		
			Edge_1RB_Right	24.50	24.18	24.17	24.26		
			Outer_Full	25.00	24.31	24.74	24.25		
			Inner_Full	26.00	24.20	25.81	23.75		
		CP-64QAM	Edge_1RB_Left	24.50	23.78	24.10	23.99		
			Edge_1RB_Right	24.50	23.81	24.20	23.92		
			Outer_Full	24.50	23.81	24.30	23.80		
			Inner_Full	24.50	23.91	24.26	23.92		
		CP-256QAM	Edge_1RB_Left	24.50	23.78	24.09	23.87		
			Edge_1RB_Right	24.50	23.91	24.20	23.81		
			Outer_Full	24.50	23.90	24.20	23.92		
			Inner_Full	24.50	23.70	24.26	23.91		
		Band	Band Width	Modulation	RB Configuration	Tune-up	Channel/Frequency(MHz)		
							509202/2546.04	518598/2592.99	528000/2640
		NR Band n41	100MHz	DFT-PI2BPSK	Edge_1RB_Left	24.50	23.93	23.97	23.82
					Edge_1RB_Right	24.50	23.88	24.28	23.89
Outer_Full	25.00				24.82	24.70	24.91		
Inner_Full	27.00				26.70	26.28	26.72		
DFT QPSK	Edge_1RB_Left			26.00	25.83	25.11	25.86		
	Edge_1RB_Right			26.00	25.93	25.05	25.88		
	Outer_Full			27.00	26.67	24.79	26.74		
	Inner_Full			27.00	26.71	26.37	26.79		

		DFT 16QAM	Edge_1RB_Left	24.50	23.99	23.98	24.00
			Edge_1RB_Right	24.50	24.09	24.03	24.09
			Outer_Full	26.00	25.70	24.82	25.75
			Inner_Full	27.00	26.62	25.84	26.67
		DFT 64QAM	Edge_1RB_Left	24.50	23.67	24.11	23.53
			Edge_1RB_Right	24.50	23.68	24.11	23.81
			Outer_Full	25.50	25.09	24.24	25.24
			Inner_Full	25.50	25.11	24.36	25.26
		DFT 256QAM	Edge_1RB_Left	24.50	23.55	24.11	23.52
			Edge_1RB_Right	24.50	23.67	24.10	23.63
			Outer_Full	25.50	25.09	24.23	25.24
			Inner_Full	25.50	25.11	24.36	25.26
		CP QPSK	Edge_1RB_Left	24.50	23.90	24.02	23.79
			Edge_1RB_Right	24.50	23.98	24.06	24.03
			Outer_Full	25.00	23.89	24.80	23.92
			Inner_Full	26.50	23.88	26.38	23.92
		CP-16QAM	Edge_1RB_Left	24.50	23.97	23.98	23.96
			Edge_1RB_Right	24.50	24.09	23.97	24.06
			Outer_Full	25.00	24.18	24.70	24.05
			Inner_Full	26.00	24.09	25.86	24.05
		CP-64QAM	Edge_1RB_Left	24.50	23.56	24.01	23.60
			Edge_1RB_Right	24.50	23.66	24.10	23.62
			Outer_Full	24.50	23.66	24.44	23.60
			Inner_Full	24.50	23.68	24.36	23.62
		CP-256QAM	Edge_1RB_Left	24.50	23.55	24.23	23.59
			Edge_1RB_Right	24.50	23.66	24.33	23.61
			Outer_Full	24.50	23.66	24.23	23.62
			Inner_Full	24.50	23.66	24.36	23.62

Band	Band Width	Modulation	RB Configuration	Tune-up	Channel/Frequency(MHz)		
					342500/1712.5	349000/1745	355500/1777.5
NR Band n66	5MHz	DFT-PI2BPSK	Edge_1RB_Left	23.50	23.15	21.98	21.85
			Edge_1RB_Right	23.50	23.08	21.32	21.39
			Outer_Full	24.00	23.23	23.63	23.36
			Inner_Full	24.00	23.20	23.08	23.89
		DFT QPSK	Edge_1RB_Left	24.00	23.14	23.98	23.68
			Edge_1RB_Right	24.00	23.18	23.03	23.70
			Outer_Full	24.00	23.22	23.02	23.82
			Inner_Full	24.00	23.29	23.13	23.85
		DFT 16QAM	Edge_1RB_Left	23.50	23.02	22.83	22.54
			Edge_1RB_Right	23.50	22.92	22.86	22.53
			Outer_Full	23.50	22.73	23.14	22.77
			Inner_Full	24.00	22.85	23.94	23.78
		DFT 64QAM	Edge_1RB_Left	22.50	20.48	22.04	21.91
			Edge_1RB_Right	22.50	20.53	22.20	21.88
			Outer_Full	23.00	20.64	22.52	22.47
			Inner_Full	23.00	20.57	22.61	22.39
		DFT 256QAM	Edge_1RB_Left	22.50	20.48	22.15	21.92
			Edge_1RB_Right	22.50	20.43	22.06	21.88

			Outer_Full	23.00	20.65	22.64	22.37
			Inner_Full	23.00	20.57	22.60	22.38
		CP QPSK	Edge_1RB_Left	24.00	23.15	23.95	23.77
			Edge_1RB_Right	24.00	23.17	23.00	23.77
			Outer_Full	24.00	23.22	23.01	23.80
			Inner_Full	24.00	23.21	23.99	23.80
			Edge_1RB_Left	23.50	23.01	22.81	22.51
		CP-16QAM	Edge_1RB_Right	23.50	22.91	22.85	22.52
			Outer_Full	23.00	22.57	22.97	22.76
			Inner_Full	23.00	22.72	22.97	22.76
			Edge_1RB_Left	22.50	20.46	22.04	21.91
		CP-64QAM	Edge_1RB_Right	22.50	20.42	22.06	21.86
			Outer_Full	23.00	20.63	22.62	22.47
			Inner_Full	23.00	20.63	22.62	22.35
			Edge_1RB_Left	22.50	20.46	22.14	21.90
		CP-256QAM	Edge_1RB_Right	22.50	20.52	22.06	22.01
Outer_Full	23.00		20.65	22.63	22.46		
Inner_Full	23.00		20.63	22.51	22.35		
Band	Band Width	Modulation	RB Configuration	Tune-up	Channel/Frequency(MHz)		
					343000/1715	349000/1745	355000/1775
NR Band n66	10MHz	DFT-PI2BPSK	Edge_1RB_Left	22.50	21.98	22.09	21.84
			Edge_1RB_Right	22.50	22.01	21.96	21.73
			Outer_Full	22.50	22.02	22.04	21.97
			Inner_Full	24.00	23.56	23.55	23.43
		DFT QPSK	Edge_1RB_Left	22.50	22.12	22.09	22.02
			Edge_1RB_Right	22.50	22.07	22.10	22.14
			Outer_Full	22.50	22.04	22.07	21.96
			Inner_Full	24.00	23.58	23.55	23.46
		DFT 16QAM	Edge_1RB_Left	22.50	22.07	21.99	22.21
			Edge_1RB_Right	22.50	22.04	22.01	22.03
			Outer_Full	22.50	22.08	22.00	21.81
			Inner_Full	23.50	23.16	23.14	22.90
		DFT 64QAM	Edge_1RB_Left	22.00	21.73	21.65	21.48
			Edge_1RB_Right	22.00	21.17	21.66	21.51
			Outer_Full	22.00	21.52	21.57	21.43
			Inner_Full	22.00	21.67	21.62	21.43
		DFT 256QAM	Edge_1RB_Left	22.00	21.73	21.66	21.38
			Edge_1RB_Right	22.00	21.63	21.67	21.52
			Outer_Full	22.00	21.65	21.60	21.42
			Inner_Full	22.00	21.69	21.63	21.43
		CP QPSK	Edge_1RB_Left	22.50	22.22	22.10	22.03
			Edge_1RB_Right	22.50	22.07	22.11	22.15

		CP-16QAM	Outer_Full	22.50	22.01	22.06	21.84
			Inner_Full	24.00	23.66	23.55	23.46
			Edge_1RB_Left	22.50	22.06	22.12	22.11
			Edge_1RB_Right	22.50	22.01	22.02	22.03
			Outer_Full	22.50	22.04	22.08	21.83
		Inner_Full	23.50	23.13	23.08	22.91	
		CP-64QAM	Edge_1RB_Left	22.00	21.74	21.65	21.48
			Edge_1RB_Right	22.00	21.72	21.66	21.40
			Outer_Full	22.00	21.56	21.58	21.46
			Inner_Full	22.00	21.63	21.50	21.39
		CP-256QAM	Edge_1RB_Left	22.00	21.74	21.67	21.49
			Edge_1RB_Right	22.00	21.62	21.62	21.50
			Outer_Full	22.00	21.66	21.58	21.47
			Inner_Full	22.00	21.62	21.61	21.41
Band	Band Width	Modulation	RB Configuration	Tune-up	Channel/Frequency(MHz)		
					343500/1717.5	349000/1745	354500/1772.5
NR Band n66	15MHz	DFT-PI2BPSK	Edge_1RB_Left	22.00	21.94	21.82	21.61
			Edge_1RB_Right	22.00	21.87	21.76	21.70
			Outer_Full	22.00	21.94	21.85	21.67
			Inner_Full	23.50	23.47	23.32	23.17
		DFT QPSK	Edge_1RB_Left	22.50	21.99	21.90	21.74
			Edge_1RB_Right	22.50	22.06	21.99	21.78
			Outer_Full	22.00	21.96	21.87	21.80
			Inner_Full	23.50	23.39	23.35	23.29
		DFT 16QAM	Edge_1RB_Left	22.50	22.33	22.09	21.61
			Edge_1RB_Right	22.50	22.22	22.17	21.66
			Outer_Full	22.00	21.91	21.83	21.66
			Inner_Full	23.00	22.92	22.79	22.66
		DFT 64QAM	Edge_1RB_Left	22.00	21.64	21.56	21.21
			Edge_1RB_Right	22.00	21.63	21.45	21.23
			Outer_Full	22.00	21.51	21.41	21.30
			Inner_Full	22.00	21.54	21.37	21.22
		DFT 256QAM	Edge_1RB_Left	22.00	21.63	21.47	21.23
			Edge_1RB_Right	22.00	21.52	21.44	21.23
			Outer_Full	22.00	21.51	21.33	21.29
			Inner_Full	22.00	21.53	21.37	21.22
		CP QPSK	Edge_1RB_Left	22.50	22.18	22.10	21.74
			Edge_1RB_Right	22.50	22.06	21.99	21.79
			Outer_Full	22.50	22.03	21.93	21.68
			Inner_Full	23.50	23.39	23.38	23.16
		CP-16QAM	Edge_1RB_Left	22.50	22.21	22.09	21.62
			Edge_1RB_Right	22.50	22.22	22.29	21.75
			Outer_Full	22.00	21.93	21.85	21.77

			Inner_Full	23.00	22.91	22.84	22.68
		CP-64QAM	Edge_1RB_Left	22.00	21.54	21.47	21.22
			Edge_1RB_Right	22.00	21.53	21.44	21.23
			Outer_Full	21.50	21.47	21.30	21.23
			Inner_Full	21.50	21.41	21.38	21.18
		CP-256QAM	Edge_1RB_Left	22.00	21.63	21.45	21.22
			Edge_1RB_Right	22.00	21.55	21.45	21.23
			Outer_Full	21.50	21.46	21.39	21.23
			Inner_Full	22.00	21.52	21.37	21.18
Band	Band Width	Modulation	RB Configuration	Tune-up	Channel/Frequency(MHz)		
					344000/1720	349000/1745	354000/1770
NR Band n66	20MHz	DFT-PI2BPSK	Edge_1RB_Left	22.50	22.02	21.82	21.68
			Edge_1RB_Right	22.50	21.85	21.82	21.65
			Outer_Full	22.00	21.90	21.80	21.83
			Inner_Full	23.50	23.43	23.33	23.18
		DFT QPSK	Edge_1RB_Left	25.00	24.26	24.89	24.81
			Edge_1RB_Right	25.00	24.14	24.93	24.86
			Outer_Full	22.00	21.92	21.81	21.83
			Inner_Full	23.50	23.45	23.36	23.20
		DFT 16QAM	Edge_1RB_Left	22.50	22.30	22.07	21.96
			Edge_1RB_Right	22.50	22.21	22.20	21.97
			Outer_Full	22.00	21.89	21.76	21.69
			Inner_Full	23.00	22.91	22.79	22.65
		DFT 64QAM	Edge_1RB_Left	22.00	21.61	21.44	21.42
			Edge_1RB_Right	22.00	21.54	21.47	21.23
			Outer_Full	21.50	21.46	21.42	21.26
			Inner_Full	21.50	21.45	21.37	21.23
		DFT 256QAM	Edge_1RB_Left	22.00	21.61	21.46	21.30
			Edge_1RB_Right	22.00	21.54	21.18	21.35
			Outer_Full	21.50	21.45	21.29	21.27
			Inner_Full	21.50	21.44	21.32	21.23
		CP QPSK	Edge_1RB_Left	22.50	22.26	21.98	21.74
			Edge_1RB_Right	22.50	22.15	21.91	21.86
			Outer_Full	22.00	21.93	21.87	21.71
			Inner_Full	23.50	23.40	23.36	23.26
		CP-16QAM	Edge_1RB_Left	22.50	22.30	22.06	21.97
			Edge_1RB_Right	22.50	22.20	22.07	21.97
			Outer_Full	22.00	21.93	21.84	21.69
			Inner_Full	23.00	22.93	22.85	22.68
		CP-64QAM	Edge_1RB_Left	22.00	21.62	21.45	21.30
			Edge_1RB_Right	22.00	21.56	21.46	21.36
			Outer_Full	21.50	21.49	21.38	21.23
			Inner_Full	21.50	21.40	21.28	21.29

		CP-256QAM	Edge_1RB_Left	22.00	21.62	21.45	21.31
			Edge_1RB_Right	22.00	21.55	21.36	21.23
			Outer_Full	21.50	21.49	21.39	21.23
			Inner_Full	21.50	21.41	21.38	21.28

Band	Band Width	Modulation	RB Configuration	Tune-up	Channel/Frequency(MHz)		
					647333/3710	656000/3840	664667/3970
NR Band n77	20MHz	DFT-PI2BPSK	Edge_1RB_Left	24.00	23.23	23.19	23.70
			Edge_1RB_Right	24.00	23.46	23.68	23.76
			Outer_Full	24.00	23.81	23.33	23.15
			Inner_Full	25.50	25.29	24.75	23.71
		DFT QPSK	Edge_1RB_Left	24.00	23.30	23.32	23.85
			Edge_1RB_Right	24.00	23.57	23.66	23.80
			Outer_Full	24.00	23.81	23.40	23.26
			Inner_Full	25.50	25.29	24.79	23.73
		DFT 16QAM	Edge_1RB_Left	24.00	23.17	23.00	23.69
			Edge_1RB_Right	24.00	23.35	23.59	23.80
			Outer_Full	24.00	23.84	23.27	23.11
			Inner_Full	25.00	24.97	24.36	23.38
		DFT 64QAM	Edge_1RB_Left	24.00	23.39	23.38	23.96
			Edge_1RB_Right	24.00	23.69	23.83	23.09
			Outer_Full	24.00	23.42	23.85	23.72
			Inner_Full	24.00	23.40	23.82	23.73
		DFT 256QAM	Edge_1RB_Left	24.00	23.50	23.28	23.81
			Edge_1RB_Right	24.00	23.71	23.86	23.93
			Outer_Full	24.00	23.34	23.85	23.73
			Inner_Full	24.00	23.33	23.83	23.75
		CP QPSK	Edge_1RB_Left	24.00	23.31	23.19	23.88
			Edge_1RB_Right	24.00	23.60	23.68	23.99
			Outer_Full	24.00	23.83	23.33	23.25
			Inner_Full	25.50	25.39	24.76	23.79
		CP-16QAM	Edge_1RB_Left	24.00	23.01	23.06	23.70
			Edge_1RB_Right	24.00	23.39	23.52	23.74
			Outer_Full	24.00	23.86	23.37	23.23
			Inner_Full	25.00	24.92	24.39	23.32
		CP-64QAM	Edge_1RB_Left	24.00	23.43	23.32	23.07
			Edge_1RB_Right	24.00	23.76	23.87	23.10
			Outer_Full	24.00	23.42	23.93	23.80
			Inner_Full	24.00	23.37	23.87	23.74
		CP-256QAM	Edge_1RB_Left	24.00	23.35	23.41	23.99
			Edge_1RB_Right	24.00	23.66	23.88	23.10
			Outer_Full	24.00	23.44	23.92	23.77
			Inner_Full	24.00	23.39	23.85	23.73

Band	Band Width	Modulation	RB Configuration	Tune-up	Channel/Frequency(MHz)				
					348000/3720	656000/3840	664000/3960		
NR Band n77	40MHz	DFT-PI2BPSK	Edge_1RB_Left	24.00	23.16	23.25	23.93		
			Edge_1RB_Right	24.00	23.39	23.70	23.67		
			Outer_Full	24.00	23.91	23.38	23.30		
			Inner_Full	27.00	26.91	24.84	23.73		
		DFT QPSK	Edge_1RB_Left	24.00	23.32	23.32	23.97		
			Edge_1RB_Right	24.00	23.52	23.74	23.68		
			Outer_Full	26.00	25.92	23.46	23.30		
			Inner_Full	27.50	27.02	24.96	23.76		
		DFT 16QAM	Edge_1RB_Left	24.00	23.94	23.13	23.12		
			Edge_1RB_Right	24.00	23.13	23.62	23.59		
			Outer_Full	25.00	24.70	23.42	23.27		
			Inner_Full	26.00	25.62	24.27	23.15		
		DFT 64QAM	Edge_1RB_Left	24.00	23.00	23.68	23.20		
			Edge_1RB_Right	24.00	23.07	23.80	23.02		
			Outer_Full	24.50	24.46	23.89	23.84		
			Inner_Full	25.00	24.66	23.86	23.75		
		DFT 256QAM	Edge_1RB_Left	24.00	23.95	23.59	23.08		
			Edge_1RB_Right	24.00	23.18	23.82	23.88		
			Outer_Full	24.50	24.45	23.92	23.86		
			Inner_Full	25.00	24.52	23.86	23.75		
		CP QPSK	Edge_1RB_Left	24.00	23.35	23.50	23.00		
			Edge_1RB_Right	24.00	23.36	23.64	23.67		
			Outer_Full	24.00	23.56	23.33	23.37		
			Inner_Full	25.00	23.47	24.84	23.69		
		CP-16QAM	Edge_1RB_Left	24.00	23.00	23.27	23.03		
			Edge_1RB_Right	24.00	23.11	23.55	23.61		
			Outer_Full	23.50	23.32	23.34	23.30		
			Inner_Full	24.50	23.09	24.31	23.10		
		CP-64QAM	Edge_1RB_Left	24.00	23.96	23.61	23.10		
			Edge_1RB_Right	24.00	23.14	23.83	23.83		
			Outer_Full	24.00	23.15	23.96	23.86		
			Inner_Full	24.00	23.14	23.83	23.80		
		CP-256QAM	Edge_1RB_Left	24.00	23.93	23.60	23.10		
			Edge_1RB_Right	24.00	23.14	23.83	23.84		
			Outer_Full	24.00	23.15	23.87	23.87		
			Inner_Full	24.00	23.14	23.84	23.79		
		Band	Band Width	Modulation	RB Configuration	Tune-up	Channel/Frequency(MHz)		
							648667/3730	656000/3840	663333/3950
		NR Band n77	60MHz	DFT-PI2BPSK	Edge_1RB_Left	24.00	23.07	23.78	23.77
					Edge_1RB_Right	24.00	23.99	23.20	23.51

			Outer_Full	24.00	23.59	23.23	23.30		
			Inner_Full	27.00	26.78	24.75	23.87		
		DFT QPSK	Edge_1RB_Left	24.00	23.00	23.01	23.95		
			Edge_1RB_Right	24.00	23.91	23.32	23.71		
			Outer_Full	26.00	25.80	23.25	23.29		
			Inner_Full	27.00	26.87	24.84	23.85		
			Edge_1RB_Left	24.00	23.10	23.75	23.94		
		DFT 16QAM	Edge_1RB_Right	24.00	23.10	23.06	23.43		
			Outer_Full	25.00	24.54	23.23	23.27		
			Inner_Full	26.50	26.12	24.18	23.34		
			Edge_1RB_Left	24.00	23.00	23.08	23.93		
		DFT 64QAM	Edge_1RB_Right	24.00	23.70	23.39	23.63		
			Outer_Full	24.00	23.98	23.75	23.86		
			Inner_Full	24.50	24.08	23.82	23.89		
			Edge_1RB_Left	24.00	23.37	23.07	23.92		
		DFT 256QAM	Edge_1RB_Right	24.00	23.71	23.37	23.63		
			Outer_Full	25.00	24.57	23.76	23.78		
			Inner_Full	24.50	24.08	23.81	23.90		
			Edge_1RB_Left	24.00	23.95	23.83	23.86		
		CP QPSK	Edge_1RB_Right	24.00	23.86	23.25	23.51		
			Outer_Full	26.00	25.85	23.25	23.30		
			Inner_Full	27.00	26.82	24.81	23.97		
			Edge_1RB_Left	24.00	23.06	23.62	23.96		
		CP-16QAM	Edge_1RB_Right	24.00	23.08	23.07	23.56		
			Outer_Full	25.50	25.14	23.23	23.30		
			Inner_Full	26.00	25.54	24.18	23.27		
			Edge_1RB_Left	24.00	23.37	23.08	23.02		
		CP-64QAM	Edge_1RB_Right	24.00	23.70	23.28	23.53		
			Outer_Full	25.00	24.59	23.76	23.79		
			Inner_Full	25.00	24.57	23.73	23.91		
			Edge_1RB_Left	24.00	23.36	23.09	23.94		
		CP-256QAM	Edge_1RB_Right	24.00	23.71	23.38	23.64		
			Outer_Full	24.00	24.00	23.77	23.79		
			Inner_Full	24.50	24.10	23.83	23.90		
			Band	Band Width	Modulation	RB Configuration	Tune-up	Channel/Frequency(MHz)	
		NR Band n77	80MHz	DFT-PI2BPSK	Edge_1RB_Left	24.00	23.02	23.71	23.15
Edge_1RB_Right	24.00				23.85	23.63	23.67		
Outer_Full	25.00				24.69	23.06	23.53		
Inner_Full	27.00				26.73	24.66	24.02		
DFT QPSK	Edge_1RB_Left			24.00	23.92	23.95	23.33		
	Edge_1RB_Right			24.00	23.75	23.92	23.74		
	Outer_Full			26.00	25.62	23.06	23.51		
649333/3740	656000/3840	662667/3940							



			Inner_Full	27.00	26.80	24.68	24.03
		DFT 16QAM	Edge_1RB_Left	24.00	23.56	23.88	23.45
			Edge_1RB_Right	24.00	23.44	23.64	23.74
			Outer_Full	24.50	24.40	23.07	23.53
			Inner_Full	26.50	26.04	24.15	23.57
		DFT 64QAM	Edge_1RB_Left	24.00	23.92	23.90	23.32
			Edge_1RB_Right	24.00	23.50	23.78	23.83
			Outer_Full	24.50	24.09	23.63	23.07
			Inner_Full	24.50	24.31	23.68	23.05
		DFT 256QAM	Edge_1RB_Left	24.00	23.27	23.90	23.30
			Edge_1RB_Right	24.00	23.39	23.80	23.81
			Outer_Full	24.50	24.19	23.63	23.06
			Inner_Full	24.50	24.31	23.69	23.06
		CP QPSK	Edge_1RB_Left	24.00	23.94	23.88	23.40
			Edge_1RB_Right	24.00	23.80	23.72	23.72
			Outer_Full	24.00	23.79	23.04	23.50
			Inner_Full	25.00	23.78	24.67	24.02
		CP-16QAM	Edge_1RB_Left	24.00	23.53	23.91	23.46
			Edge_1RB_Right	24.00	23.32	23.72	23.74
			Outer_Full	24.00	23.55	23.06	23.52
			Inner_Full	24.50	23.41	24.13	23.54
		CP-64QAM	Edge_1RB_Left	24.00	23.27	23.11	23.42
			Edge_1RB_Right	24.00	23.39	23.87	23.85
			Outer_Full	24.00	23.39	23.60	23.07
			Inner_Full	24.00	23.40	23.62	23.07
		CP-256QAM	Edge_1RB_Left	24.00	23.89	23.82	23.31
			Edge_1RB_Right	24.00	23.40	23.66	23.76
			Outer_Full	24.00	23.41	23.58	23.07
			Inner_Full	24.00	23.39	23.68	23.09
Band	Band Width	Modulation	RB Configuration	Tune-up	Channel/Frequency(MHz)		
					650000/3750	656000/3840	662000/3930
NR Band n77	100MHz	DFT-PI2BPSK	Edge_1RB_Left	24.00	23.90	23.94	23.74
			Edge_1RB_Right	24.00	23.17	23.44	23.29
			Outer_Full	23.50	0.61	23.01	23.31
			Inner_Full	27.00	26.61	24.59	23.86
		DFT QPSK	Edge_1RB_Left	24.00	23.67	23.94	23.72
			Edge_1RB_Right	24.00	23.45	23.60	23.35
			Outer_Full	26.00	25.53	23.99	23.29
			Inner_Full	27.00	26.59	24.65	23.88
		DFT 16QAM	Edge_1RB_Left	24.00	23.45	23.83	23.73
			Edge_1RB_Right	24.00	23.10	23.40	23.35
			Outer_Full	25.00	24.95	23.02	23.34
			Inner_Full	26.00	25.62	24.27	23.43

		DFT 64QAM	Edge_1RB_Left	24.00	23.62	23.08	23.79
			Edge_1RB_Right	24.00	23.17	23.70	23.37
			Outer_Full	24.50	24.04	23.56	23.76
			Inner_Full	24.50	24.07	23.69	23.91
		DFT 256QAM	Edge_1RB_Left	24.00	23.99	23.06	23.79
			Edge_1RB_Right	24.00	23.13	23.72	23.37
			Outer_Full	24.50	24.05	23.55	23.86
			Inner_Full	24.50	24.08	23.71	23.93
		CP QPSK	Edge_1RB_Left	24.00	23.73	23.96	23.66
			Edge_1RB_Right	24.00	23.43	23.61	23.37
			Outer_Full	24.00	23.52	23.99	23.31
			Inner_Full	25.00	23.52	24.66	23.87
		CP-16QAM	Edge_1RB_Left	24.00	23.33	23.86	23.75
			Edge_1RB_Right	24.00	23.08	23.31	23.35
			Outer_Full	24.00	23.09	23.99	23.33
			Inner_Full	24.50	23.10	24.20	23.37
		CP-64QAM	Edge_1RB_Left	24.00	23.71	23.07	23.79
			Edge_1RB_Right	24.00	23.14	23.71	23.40
			Outer_Full	24.00	23.25	23.54	23.78
			Inner_Full	24.00	23.14	23.70	23.83
CP-256QAM	Edge_1RB_Left	24.00	23.59	23.08	23.80		
	Edge_1RB_Right	24.00	23.25	23.71	23.41		
	Outer_Full	24.00	23.15	23.55	23.77		
	Inner_Full	24.00	23.14	23.71	23.83		

#### EN-DC

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)
DC_2A_n77A-3700-3980	30	5+20	DFT-PI2BPSK	M+L	Edge_1RB_Left	24.43
DC_2A_n77A-3700-3980	30	5+20	DFT-PI2BPSK	M+L	Edge_1RB_Right	24.41
DC_2A_n77A-3700-3980	30	5+20	DFT-PI2BPSK	M+L	Outer_Full	24.01
DC_2A_n77A-3700-3980	30	5+20	DFT-PI2BPSK	M+L	Inner_Full	24.07
DC_2A_n77A-3700-3980	30	5+20	DFT-QPSK	M+L	Edge_1RB_Left	24.43
DC_2A_n77A-3700-3980	30	5+20	DFT-QPSK	M+L	Edge_1RB_Right	24.52
DC_2A_n77A-3700-3980	30	5+20	DFT-QPSK	M+L	Outer_Full	24.03
DC_2A_n77A-3700-3980	30	5+20	DFT-QPSK	M+L	Inner_Full	24.05
DC_2A_n77A-3700-3980	30	5+20	DFT-16QAM	M+L	Edge_1RB_Left	24.61

DC_2A_n77A-3700-3980	30	5+20	DFT-16QAM	M+L	Edge_1RB_Right	24.65
DC_2A_n77A-3700-3980	30	5+20	DFT-16QAM	M+L	Outer_Full	24.07
DC_2A_n77A-3700-3980	30	5+20	DFT-16QAM	M+L	Inner_Full	24.00
DC_2A_n77A-3700-3980	30	5+20	DFT-64QAM	M+L	Edge_1RB_Left	24.68
DC_2A_n77A-3700-3980	30	5+20	DFT-64QAM	M+L	Edge_1RB_Right	24.39
DC_2A_n77A-3700-3980	30	5+20	DFT-64QAM	M+L	Outer_Full	24.00
DC_2A_n77A-3700-3980	30	5+20	DFT-64QAM	M+L	Inner_Full	24.01
DC_2A_n77A-3700-3980	30	5+20	DFT-246QAM	M+L	Edge_1RB_Left	24.22
DC_2A_n77A-3700-3980	30	5+20	DFT-246QAM	M+L	Edge_1RB_Right	24.36
DC_2A_n77A-3700-3980	30	5+20	DFT-246QAM	M+L	Outer_Full	24.53
DC_2A_n77A-3700-3980	30	5+20	DFT-246QAM	M+L	Inner_Full	24.47
DC_2A_n77A-3700-3980	30	5+20	CP-QPSK	M+L	Edge_1RB_Left	24.42
DC_2A_n77A-3700-3980	30	5+20	CP-QPSK	M+L	Edge_1RB_Right	24.38
DC_2A_n77A-3700-3980	30	5+20	CP-QPSK	M+L	Outer_Full	24.01
DC_2A_n77A-3700-3980	30	5+20	CP-QPSK	M+L	Inner_Full	24.98
DC_2A_n77A-3700-3980	30	5+20	CP-16QAM	M+L	Edge_1RB_Left	24.58
DC_2A_n77A-3700-3980	30	5+20	CP-16QAM	M+L	Edge_1RB_Right	24.43
DC_2A_n77A-3700-3980	30	5+20	CP-16QAM	M+L	Outer_Full	24.94
DC_2A_n77A-3700-3980	30	5+20	CP-16QAM	M+L	Inner_Full	24.05
DC_2A_n77A-3700-3980	30	5+20	CP-64QAM	M+L	Edge_1RB_Left	24.49
DC_2A_n77A-3700-3980	30	5+20	CP-64QAM	M+L	Edge_1RB_Right	24.48
DC_2A_n77A-3700-3980	30	5+20	CP-64QAM	M+L	Outer_Full	24.49
DC_2A_n77A-3700-3980	30	5+20	CP-64QAM	M+L	Inner_Full	24.57
DC_2A_n77A-3700-3980	30	5+20	CP-246QAM	M+L	Edge_1RB_Left	24.54
DC_2A_n77A-3700-3980	30	5+20	CP-246QAM	M+L	Edge_1RB_Right	24.65
DC_2A_n77A-3700-3980	30	5+20	CP-246QAM	M+L	Outer_Full	24.57

3700-3980						
DC_2A_n77A-3700-3980	30	5+20	CP-246QAM	M+L	Inner_Full	24.46
DC_2A_n77A-3700-3980	30	5+20	DFT-PI2BPSK	M+M	Edge_1RB_Left	24.96
DC_2A_n77A-3700-3980	30	5+20	DFT-PI2BPSK	M+M	Edge_1RB_Right	24.58
DC_2A_n77A-3700-3980	30	5+20	DFT-PI2BPSK	M+M	Outer_Full	24.22
DC_2A_n77A-3700-3980	30	5+20	DFT-PI2BPSK	M+M	Inner_Full	24.23
DC_2A_n77A-3700-3980	30	5+20	DFT-QPSK	M+M	Edge_1RB_Left	24.92
DC_2A_n77A-3700-3980	30	5+20	DFT-QPSK	M+M	Edge_1RB_Right	24.55
DC_2A_n77A-3700-3980	30	5+20	DFT-QPSK	M+M	Outer_Full	24.18
DC_2A_n77A-3700-3980	30	5+20	DFT-QPSK	M+M	Inner_Full	24.22
DC_2A_n77A-3700-3980	30	5+20	DFT-16QAM	M+M	Edge_1RB_Left	24.09
DC_2A_n77A-3700-3980	30	5+20	DFT-16QAM	M+M	Edge_1RB_Right	24.87
DC_2A_n77A-3700-3980	30	5+20	DFT-16QAM	M+M	Outer_Full	24.09
DC_2A_n77A-3700-3980	30	5+20	DFT-16QAM	M+M	Inner_Full	24.13
DC_2A_n77A-3700-3980	30	5+20	DFT-64QAM	M+M	Edge_1RB_Left	24.53
DC_2A_n77A-3700-3980	30	5+20	DFT-64QAM	M+M	Edge_1RB_Right	24.02
DC_2A_n77A-3700-3980	30	5+20	DFT-64QAM	M+M	Outer_Full	24.24
DC_2A_n77A-3700-3980	30	5+20	DFT-64QAM	M+M	Inner_Full	24.34
DC_2A_n77A-3700-3980	30	5+20	DFT-246QAM	M+M	Edge_1RB_Left	24.69
DC_2A_n77A-3700-3980	30	5+20	DFT-246QAM	M+M	Edge_1RB_Right	24.71
DC_2A_n77A-3700-3980	30	5+20	DFT-246QAM	M+M	Outer_Full	24.78
DC_2A_n77A-3700-3980	30	5+20	DFT-246QAM	M+M	Inner_Full	24.58
DC_2A_n77A-3700-3980	30	5+20	CP-QPSK	M+M	Edge_1RB_Left	24.93
DC_2A_n77A-3700-3980	30	5+20	CP-QPSK	M+M	Edge_1RB_Right	24.45
DC_2A_n77A-3700-3980	30	5+20	CP-QPSK	M+M	Outer_Full	24.29
DC_2A_n77A-3700-3980	30	5+20	CP-QPSK	M+M	Inner_Full	24.16

DC_2A_n77A-3700-3980	30	5+20	CP-16QAM	M+M	Edge_1RB_Left	24.90
DC_2A_n77A-3700-3980	30	5+20	CP-16QAM	M+M	Edge_1RB_Right	24.65
DC_2A_n77A-3700-3980	30	5+20	CP-16QAM	M+M	Outer_Full	24.31
DC_2A_n77A-3700-3980	30	5+20	CP-16QAM	M+M	Inner_Full	24.24
DC_2A_n77A-3700-3980	30	5+20	CP-64QAM	M+M	Edge_1RB_Left	24.88
DC_2A_n77A-3700-3980	30	5+20	CP-64QAM	M+M	Edge_1RB_Right	24.79
DC_2A_n77A-3700-3980	30	5+20	CP-64QAM	M+M	Outer_Full	24.87
DC_2A_n77A-3700-3980	30	5+20	CP-64QAM	M+M	Inner_Full	24.78
DC_2A_n77A-3700-3980	30	5+20	CP-246QAM	M+M	Edge_1RB_Left	24.85
DC_2A_n77A-3700-3980	30	5+20	CP-246QAM	M+M	Edge_1RB_Right	24.76
DC_2A_n77A-3700-3980	30	5+20	CP-246QAM	M+M	Outer_Full	24.78
DC_2A_n77A-3700-3980	30	5+20	CP-246QAM	M+M	Inner_Full	24.79
DC_2A_n77A-3700-3980	30	5+20	DFT-PI2BPSK	M+H	Edge_1RB_Left	24.51
DC_2A_n77A-3700-3980	30	5+20	DFT-PI2BPSK	M+H	Edge_1RB_Right	24.84
DC_2A_n77A-3700-3980	30	5+20	DFT-PI2BPSK	M+H	Outer_Full	24.09
DC_2A_n77A-3700-3980	30	5+20	DFT-PI2BPSK	M+H	Inner_Full	24.00
DC_2A_n77A-3700-3980	30	5+20	DFT-QPSK	M+H	Edge_1RB_Left	24.42
DC_2A_n77A-3700-3980	30	5+20	DFT-QPSK	M+H	Edge_1RB_Right	24.85
DC_2A_n77A-3700-3980	30	5+20	DFT-QPSK	M+H	Outer_Full	24.14
DC_2A_n77A-3700-3980	30	5+20	DFT-QPSK	M+H	Inner_Full	24.99
DC_2A_n77A-3700-3980	30	5+20	DFT-16QAM	M+H	Edge_1RB_Left	24.66
DC_2A_n77A-3700-3980	30	5+20	DFT-16QAM	M+H	Edge_1RB_Right	24.92
DC_2A_n77A-3700-3980	30	5+20	DFT-16QAM	M+H	Outer_Full	24.14
DC_2A_n77A-3700-3980	30	5+20	DFT-16QAM	M+H	Inner_Full	24.04
DC_2A_n77A-3700-3980	30	5+20	DFT-64QAM	M+H	Edge_1RB_Left	24.06
DC_2A_n77A-3700-3980	30	5+20	DFT-64QAM	M+H	Edge_1RB_Right	24.40

3700-3980						
DC_2A_n77A-3700-3980	30	5+20	DFT-64QAM	M+H	Outer_Full	24.12
DC_2A_n77A-3700-3980	30	5+20	DFT-64QAM	M+H	Inner_Full	24.11
DC_2A_n77A-3700-3980	30	5+20	DFT-246QAM	M+H	Edge_1RB_Left	24.31
DC_2A_n77A-3700-3980	30	5+20	DFT-246QAM	M+H	Edge_1RB_Right	24.01
DC_2A_n77A-3700-3980	30	5+20	DFT-246QAM	M+H	Outer_Full	24.66
DC_2A_n77A-3700-3980	30	5+20	DFT-246QAM	M+H	Inner_Full	24.50
DC_2A_n77A-3700-3980	30	5+20	CP-QPSK	M+H	Edge_1RB_Left	24.48
DC_2A_n77A-3700-3980	30	5+20	CP-QPSK	M+H	Edge_1RB_Right	24.55
DC_2A_n77A-3700-3980	30	5+20	CP-QPSK	M+H	Outer_Full	24.13
DC_2A_n77A-3700-3980	30	5+20	CP-QPSK	M+H	Inner_Full	24.01
DC_2A_n77A-3700-3980	30	5+20	CP-16QAM	M+H	Edge_1RB_Left	24.64
DC_2A_n77A-3700-3980	30	5+20	CP-16QAM	M+H	Edge_1RB_Right	24.84
DC_2A_n77A-3700-3980	30	5+20	CP-16QAM	M+H	Outer_Full	24.06
DC_2A_n77A-3700-3980	30	5+20	CP-16QAM	M+H	Inner_Full	24.20
DC_2A_n77A-3700-3980	30	5+20	CP-64QAM	M+H	Edge_1RB_Left	24.70
DC_2A_n77A-3700-3980	30	5+20	CP-64QAM	M+H	Edge_1RB_Right	24.86
DC_2A_n77A-3700-3980	30	5+20	CP-64QAM	M+H	Outer_Full	24.65
DC_2A_n77A-3700-3980	30	5+20	CP-64QAM	M+H	Inner_Full	24.64
DC_2A_n77A-3700-3980	30	5+20	CP-246QAM	M+H	Edge_1RB_Left	24.58
DC_2A_n77A-3700-3980	30	5+20	CP-246QAM	M+H	Edge_1RB_Right	24.85
DC_2A_n77A-3700-3980	30	5+20	CP-246QAM	M+H	Outer_Full	24.67
DC_2A_n77A-3700-3980	30	5+20	CP-246QAM	M+H	Inner_Full	24.63
DC_2A_n77A-3700-3980	30	5+40	DFT-PI2BPSK	M+L	Edge_1RB_Left	23.86
DC_2A_n77A-3700-3980	30	5+40	DFT-PI2BPSK	M+L	Edge_1RB_Right	23.64
DC_2A_n77A-3700-3980	30	5+40	DFT-PI2BPSK	M+L	Outer_Full	23.82

DC_2A_n77A-3700-3980	30	5+40	DFT-PI2BPSK	M+L	Inner_Full	23.84
DC_2A_n77A-3700-3980	30	5+40	DFT-QPSK	M+L	Edge_1RB_Left	23.85
DC_2A_n77A-3700-3980	30	5+40	DFT-QPSK	M+L	Edge_1RB_Right	23.82
DC_2A_n77A-3700-3980	30	5+40	DFT-QPSK	M+L	Outer_Full	23.84
DC_2A_n77A-3700-3980	30	5+40	DFT-QPSK	M+L	Inner_Full	23.86
DC_2A_n77A-3700-3980	30	5+40	DFT-16QAM	M+L	Edge_1RB_Left	23.83
DC_2A_n77A-3700-3980	30	5+40	DFT-16QAM	M+L	Edge_1RB_Right	24.13
DC_2A_n77A-3700-3980	30	5+40	DFT-16QAM	M+L	Outer_Full	23.89
DC_2A_n77A-3700-3980	30	5+40	DFT-16QAM	M+L	Inner_Full	23.92
DC_2A_n77A-3700-3980	30	5+40	DFT-64QAM	M+L	Edge_1RB_Left	24.01
DC_2A_n77A-3700-3980	30	5+40	DFT-64QAM	M+L	Edge_1RB_Right	23.86
DC_2A_n77A-3700-3980	30	5+40	DFT-64QAM	M+L	Outer_Full	23.93
DC_2A_n77A-3700-3980	30	5+40	DFT-64QAM	M+L	Inner_Full	23.89
DC_2A_n77A-3700-3980	30	5+40	DFT-246QAM	M+L	Edge_1RB_Left	24.23
DC_2A_n77A-3700-3980	30	5+40	DFT-246QAM	M+L	Edge_1RB_Right	23.75
DC_2A_n77A-3700-3980	30	5+40	DFT-246QAM	M+L	Outer_Full	23.92
DC_2A_n77A-3700-3980	30	5+40	DFT-246QAM	M+L	Inner_Full	23.86
DC_2A_n77A-3700-3980	30	5+40	CP-QPSK	M+L	Edge_1RB_Left	23.97
DC_2A_n77A-3700-3980	30	5+40	CP-QPSK	M+L	Edge_1RB_Right	23.74
DC_2A_n77A-3700-3980	30	5+40	CP-QPSK	M+L	Outer_Full	23.83
DC_2A_n77A-3700-3980	30	5+40	CP-QPSK	M+L	Inner_Full	23.93
DC_2A_n77A-3700-3980	30	5+40	CP-16QAM	M+L	Edge_1RB_Left	23.95
DC_2A_n77A-3700-3980	30	5+40	CP-16QAM	M+L	Edge_1RB_Right	23.75
DC_2A_n77A-3700-3980	30	5+40	CP-16QAM	M+L	Outer_Full	23.90
DC_2A_n77A-3700-3980	30	5+40	CP-16QAM	M+L	Inner_Full	23.91
DC_2A_n77A-3700-3980	30	5+40	CP-64QAM	M+L	Edge_1RB_Left	24.15

3700-3980						
DC_2A_n77A-3700-3980	30	5+40	CP-64QAM	M+L	Edge_1RB_Right	23.98
DC_2A_n77A-3700-3980	30	5+40	CP-64QAM	M+L	Outer_Full	23.92
DC_2A_n77A-3700-3980	30	5+40	CP-64QAM	M+L	Inner_Full	23.98
DC_2A_n77A-3700-3980	30	5+40	CP-246QAM	M+L	Edge_1RB_Left	23.85
DC_2A_n77A-3700-3980	30	5+40	CP-246QAM	M+L	Edge_1RB_Right	23.98
DC_2A_n77A-3700-3980	30	5+40	CP-246QAM	M+L	Outer_Full	23.91
DC_2A_n77A-3700-3980	30	5+40	CP-246QAM	M+L	Inner_Full	23.98
DC_2A_n77A-3700-3980	30	5+40	DFT-PI2BPSK	M+M	Edge_1RB_Left	23.82
DC_2A_n77A-3700-3980	30	5+40	DFT-PI2BPSK	M+M	Edge_1RB_Right	23.32
DC_2A_n77A-3700-3980	30	5+40	DFT-PI2BPSK	M+M	Outer_Full	23.44
DC_2A_n77A-3700-3980	30	5+40	DFT-PI2BPSK	M+M	Inner_Full	23.45
DC_2A_n77A-3700-3980	30	5+40	DFT-QPSK	M+M	Edge_1RB_Left	23.84
DC_2A_n77A-3700-3980	30	5+40	DFT-QPSK	M+M	Edge_1RB_Right	23.30
DC_2A_n77A-3700-3980	30	5+40	DFT-QPSK	M+M	Outer_Full	23.41
DC_2A_n77A-3700-3980	30	5+40	DFT-QPSK	M+M	Inner_Full	23.39
DC_2A_n77A-3700-3980	30	5+40	DFT-16QAM	M+M	Edge_1RB_Left	23.74
DC_2A_n77A-3700-3980	30	5+40	DFT-16QAM	M+M	Edge_1RB_Right	23.49
DC_2A_n77A-3700-3980	30	5+40	DFT-16QAM	M+M	Outer_Full	23.56
DC_2A_n77A-3700-3980	30	5+40	DFT-16QAM	M+M	Inner_Full	23.38
DC_2A_n77A-3700-3980	30	5+40	DFT-64QAM	M+M	Edge_1RB_Left	24.01
DC_2A_n77A-3700-3980	30	5+40	DFT-64QAM	M+M	Edge_1RB_Right	23.47
DC_2A_n77A-3700-3980	30	5+40	DFT-64QAM	M+M	Outer_Full	23.44
DC_2A_n77A-3700-3980	30	5+40	DFT-64QAM	M+M	Inner_Full	23.35
DC_2A_n77A-3700-3980	30	5+40	DFT-246QAM	M+M	Edge_1RB_Left	23.83
DC_2A_n77A-3700-3980	30	5+40	DFT-246QAM	M+M	Edge_1RB_Right	23.63



DC_2A_n77A-3700-3980	30	5+40	DFT-246QAM	M+M	Outer_Full	23.46
DC_2A_n77A-3700-3980	30	5+40	DFT-246QAM	M+M	Inner_Full	23.40
DC_2A_n77A-3700-3980	30	5+40	CP-QPSK	M+M	Edge_1RB_Left	23.90
DC_2A_n77A-3700-3980	30	5+40	CP-QPSK	M+M	Edge_1RB_Right	23.35
DC_2A_n77A-3700-3980	30	5+40	CP-QPSK	M+M	Outer_Full	23.38
DC_2A_n77A-3700-3980	30	5+40	CP-QPSK	M+M	Inner_Full	23.35
DC_2A_n77A-3700-3980	30	5+40	CP-16QAM	M+M	Edge_1RB_Left	23.83
DC_2A_n77A-3700-3980	30	5+40	CP-16QAM	M+M	Edge_1RB_Right	23.55
DC_2A_n77A-3700-3980	30	5+40	CP-16QAM	M+M	Outer_Full	23.35
DC_2A_n77A-3700-3980	30	5+40	CP-16QAM	M+M	Inner_Full	23.32
DC_2A_n77A-3700-3980	30	5+40	CP-64QAM	M+M	Edge_1RB_Left	24.05
DC_2A_n77A-3700-3980	30	5+40	CP-64QAM	M+M	Edge_1RB_Right	23.43
DC_2A_n77A-3700-3980	30	5+40	CP-64QAM	M+M	Outer_Full	23.44
DC_2A_n77A-3700-3980	30	5+40	CP-64QAM	M+M	Inner_Full	23.35
DC_2A_n77A-3700-3980	30	5+40	CP-246QAM	M+M	Edge_1RB_Left	23.97
DC_2A_n77A-3700-3980	30	5+40	CP-246QAM	M+M	Edge_1RB_Right	23.54
DC_2A_n77A-3700-3980	30	5+40	CP-246QAM	M+M	Outer_Full	23.45
DC_2A_n77A-3700-3980	30	5+40	CP-246QAM	M+M	Inner_Full	23.37
DC_2A_n77A-3700-3980	30	5+40	DFT-PI2BPSK	M+H	Edge_1RB_Left	23.57
DC_2A_n77A-3700-3980	30	5+40	DFT-PI2BPSK	M+H	Edge_1RB_Right	23.34
DC_2A_n77A-3700-3980	30	5+40	DFT-PI2BPSK	M+H	Outer_Full	23.21
DC_2A_n77A-3700-3980	30	5+40	DFT-PI2BPSK	M+H	Inner_Full	23.08
DC_2A_n77A-3700-3980	30	5+40	DFT-QPSK	M+H	Edge_1RB_Left	23.50
DC_2A_n77A-3700-3980	30	5+40	DFT-QPSK	M+H	Edge_1RB_Right	23.35
DC_2A_n77A-3700-3980	30	5+40	DFT-QPSK	M+H	Outer_Full	23.19
DC_2A_n77A-3700-3980	30	5+40	DFT-QPSK	M+H	Inner_Full	23.10

3700-3980						
DC_2A_n77A-3700-3980	30	5+40	DFT-16QAM	M+H	Edge_1RB_Left	23.86
DC_2A_n77A-3700-3980	30	5+40	DFT-16QAM	M+H	Edge_1RB_Right	23.61
DC_2A_n77A-3700-3980	30	5+40	DFT-16QAM	M+H	Outer_Full	23.22
DC_2A_n77A-3700-3980	30	5+40	DFT-16QAM	M+H	Inner_Full	23.12
DC_2A_n77A-3700-3980	30	5+40	DFT-64QAM	M+H	Edge_1RB_Left	23.68
DC_2A_n77A-3700-3980	30	5+40	DFT-64QAM	M+H	Edge_1RB_Right	23.44
DC_2A_n77A-3700-3980	30	5+40	DFT-64QAM	M+H	Outer_Full	23.24
DC_2A_n77A-3700-3980	30	5+40	DFT-64QAM	M+H	Inner_Full	23.07
DC_2A_n77A-3700-3980	30	5+40	DFT-246QAM	M+H	Edge_1RB_Left	23.69
DC_2A_n77A-3700-3980	30	5+40	DFT-246QAM	M+H	Edge_1RB_Right	23.52
DC_2A_n77A-3700-3980	30	5+40	DFT-246QAM	M+H	Outer_Full	23.13
DC_2A_n77A-3700-3980	30	5+40	DFT-246QAM	M+H	Inner_Full	23.07
DC_2A_n77A-3700-3980	30	5+40	CP-QPSK	M+H	Edge_1RB_Left	23.74
DC_2A_n77A-3700-3980	30	5+40	CP-QPSK	M+H	Edge_1RB_Right	23.38
DC_2A_n77A-3700-3980	30	5+40	CP-QPSK	M+H	Outer_Full	23.21
DC_2A_n77A-3700-3980	30	5+40	CP-QPSK	M+H	Inner_Full	23.13
DC_2A_n77A-3700-3980	30	5+40	CP-16QAM	M+H	Edge_1RB_Left	23.40
DC_2A_n77A-3700-3980	30	5+40	CP-16QAM	M+H	Edge_1RB_Right	22.98
DC_2A_n77A-3700-3980	30	5+40	CP-16QAM	M+H	Outer_Full	23.17
DC_2A_n77A-3700-3980	30	5+40	CP-16QAM	M+H	Inner_Full	23.07
DC_2A_n77A-3700-3980	30	5+40	CP-64QAM	M+H	Edge_1RB_Left	23.59
DC_2A_n77A-3700-3980	30	5+40	CP-64QAM	M+H	Edge_1RB_Right	23.37
DC_2A_n77A-3700-3980	30	5+40	CP-64QAM	M+H	Outer_Full	23.23
DC_2A_n77A-3700-3980	30	5+40	CP-64QAM	M+H	Inner_Full	23.13
DC_2A_n77A-3700-3980	30	5+40	CP-246QAM	M+H	Edge_1RB_Left	23.76

DC_2A_n77A-3700-3980	30	5+40	CP-246QAM	M+H	Edge_1RB_Right	23.38
DC_2A_n77A-3700-3980	30	5+40	CP-246QAM	M+H	Outer_Full	23.22
DC_2A_n77A-3700-3980	30	5+40	CP-246QAM	M+H	Inner_Full	23.15
DC_2A_n77A-3700-3980	30	5+80	DFT-PI2BPSK	M+L	Edge_1RB_Left	23.85
DC_2A_n77A-3700-3980	30	5+80	DFT-PI2BPSK	M+L	Edge_1RB_Right	23.19
DC_2A_n77A-3700-3980	30	5+80	DFT-PI2BPSK	M+L	Outer_Full	23.74
DC_2A_n77A-3700-3980	30	5+80	DFT-PI2BPSK	M+L	Inner_Full	23.82
DC_2A_n77A-3700-3980	30	5+80	DFT-QPSK	M+L	Edge_1RB_Left	23.88
DC_2A_n77A-3700-3980	30	5+80	DFT-QPSK	M+L	Edge_1RB_Right	23.24
DC_2A_n77A-3700-3980	30	5+80	DFT-QPSK	M+L	Outer_Full	23.75
DC_2A_n77A-3700-3980	30	5+80	DFT-QPSK	M+L	Inner_Full	23.87
DC_2A_n77A-3700-3980	30	5+80	DFT-16QAM	M+L	Edge_1RB_Left	23.81
DC_2A_n77A-3700-3980	30	5+80	DFT-16QAM	M+L	Edge_1RB_Right	23.21
DC_2A_n77A-3700-3980	30	5+80	DFT-16QAM	M+L	Outer_Full	23.77
DC_2A_n77A-3700-3980	30	5+80	DFT-16QAM	M+L	Inner_Full	23.82
DC_2A_n77A-3700-3980	30	5+80	DFT-64QAM	M+L	Edge_1RB_Left	24.01
DC_2A_n77A-3700-3980	30	5+80	DFT-64QAM	M+L	Edge_1RB_Right	23.45
DC_2A_n77A-3700-3980	30	5+80	DFT-64QAM	M+L	Outer_Full	23.79
DC_2A_n77A-3700-3980	30	5+80	DFT-64QAM	M+L	Inner_Full	23.86
DC_2A_n77A-3700-3980	30	5+80	DFT-246QAM	M+L	Edge_1RB_Left	24.36
DC_2A_n77A-3700-3980	30	5+80	DFT-246QAM	M+L	Edge_1RB_Right	23.51
DC_2A_n77A-3700-3980	30	5+80	DFT-246QAM	M+L	Outer_Full	23.43
DC_2A_n77A-3700-3980	30	5+80	DFT-246QAM	M+L	Inner_Full	23.52
DC_2A_n77A-3700-3980	30	5+80	CP-QPSK	M+L	Edge_1RB_Left	24.00
DC_2A_n77A-3700-3980	30	5+80	CP-QPSK	M+L	Edge_1RB_Right	23.35
DC_2A_n77A-3700-3980	30	5+80	CP-QPSK	M+L	Outer_Full	23.79

3700-3980						
DC_2A_n77A-3700-3980	30	5+80	CP-QPSK	M+L	Inner_Full	23.84
DC_2A_n77A-3700-3980	30	5+80	CP-16QAM	M+L	Edge_1RB_Left	23.99
DC_2A_n77A-3700-3980	30	5+80	CP-16QAM	M+L	Edge_1RB_Right	23.24
DC_2A_n77A-3700-3980	30	5+80	CP-16QAM	M+L	Outer_Full	23.77
DC_2A_n77A-3700-3980	30	5+80	CP-16QAM	M+L	Inner_Full	23.80
DC_2A_n77A-3700-3980	30	5+80	CP-64QAM	M+L	Edge_1RB_Left	24.14
DC_2A_n77A-3700-3980	30	5+80	CP-64QAM	M+L	Edge_1RB_Right	23.49
DC_2A_n77A-3700-3980	30	5+80	CP-64QAM	M+L	Outer_Full	23.76
DC_2A_n77A-3700-3980	30	5+80	CP-64QAM	M+L	Inner_Full	23.86
DC_2A_n77A-3700-3980	30	5+80	CP-246QAM	M+L	Edge_1RB_Left	24.06
DC_2A_n77A-3700-3980	30	5+80	CP-246QAM	M+L	Edge_1RB_Right	23.50
DC_2A_n77A-3700-3980	30	5+80	CP-246QAM	M+L	Outer_Full	23.67
DC_2A_n77A-3700-3980	30	5+80	CP-246QAM	M+L	Inner_Full	23.87
DC_2A_n77A-3700-3980	30	5+80	DFT-PI2BPSK	M+M	Edge_1RB_Left	23.20
DC_2A_n77A-3700-3980	30	5+80	DFT-PI2BPSK	M+M	Edge_1RB_Right	22.40
DC_2A_n77A-3700-3980	30	5+80	DFT-PI2BPSK	M+M	Outer_Full	23.15
DC_2A_n77A-3700-3980	30	5+80	DFT-PI2BPSK	M+M	Inner_Full	23.19
DC_2A_n77A-3700-3980	30	5+80	DFT-QPSK	M+M	Edge_1RB_Left	23.24
DC_2A_n77A-3700-3980	30	5+80	DFT-QPSK	M+M	Edge_1RB_Right	22.51
DC_2A_n77A-3700-3980	30	5+80	DFT-QPSK	M+M	Outer_Full	23.09
DC_2A_n77A-3700-3980	30	5+80	DFT-QPSK	M+M	Inner_Full	23.15
DC_2A_n77A-3700-3980	30	5+80	DFT-16QAM	M+M	Edge_1RB_Left	23.24
DC_2A_n77A-3700-3980	30	5+80	DFT-16QAM	M+M	Edge_1RB_Right	22.45
DC_2A_n77A-3700-3980	30	5+80	DFT-16QAM	M+M	Outer_Full	23.12
DC_2A_n77A-3700-3980	30	5+80	DFT-16QAM	M+M	Inner_Full	23.14

DC_2A_n77A-3700-3980	30	5+80	DFT-64QAM	M+M	Edge_1RB_Left	23.32
DC_2A_n77A-3700-3980	30	5+80	DFT-64QAM	M+M	Edge_1RB_Right	22.42
DC_2A_n77A-3700-3980	30	5+80	DFT-64QAM	M+M	Outer_Full	23.10
DC_2A_n77A-3700-3980	30	5+80	DFT-64QAM	M+M	Inner_Full	23.13
DC_2A_n77A-3700-3980	30	5+80	DFT-246QAM	M+M	Edge_1RB_Left	23.45
DC_2A_n77A-3700-3980	30	5+80	DFT-246QAM	M+M	Edge_1RB_Right	22.63
DC_2A_n77A-3700-3980	30	5+80	DFT-246QAM	M+M	Outer_Full	23.12
DC_2A_n77A-3700-3980	30	5+80	DFT-246QAM	M+M	Inner_Full	23.17
DC_2A_n77A-3700-3980	30	5+80	CP-QPSK	M+M	Edge_1RB_Left	23.29
DC_2A_n77A-3700-3980	30	5+80	CP-QPSK	M+M	Edge_1RB_Right	22.42
DC_2A_n77A-3700-3980	30	5+80	CP-QPSK	M+M	Outer_Full	23.06
DC_2A_n77A-3700-3980	30	5+80	CP-QPSK	M+M	Inner_Full	23.17
DC_2A_n77A-3700-3980	30	5+80	CP-16QAM	M+M	Edge_1RB_Left	23.31
DC_2A_n77A-3700-3980	30	5+80	CP-16QAM	M+M	Edge_1RB_Right	22.43
DC_2A_n77A-3700-3980	30	5+80	CP-16QAM	M+M	Outer_Full	23.09
DC_2A_n77A-3700-3980	30	5+80	CP-16QAM	M+M	Inner_Full	23.18
DC_2A_n77A-3700-3980	30	5+80	CP-64QAM	M+M	Edge_1RB_Left	23.57
DC_2A_n77A-3700-3980	30	5+80	CP-64QAM	M+M	Edge_1RB_Right	22.64
DC_2A_n77A-3700-3980	30	5+80	CP-64QAM	M+M	Outer_Full	23.08
DC_2A_n77A-3700-3980	30	5+80	CP-64QAM	M+M	Inner_Full	23.16
DC_2A_n77A-3700-3980	30	5+80	CP-246QAM	M+M	Edge_1RB_Left	23.38
DC_2A_n77A-3700-3980	30	5+80	CP-246QAM	M+M	Edge_1RB_Right	22.63
DC_2A_n77A-3700-3980	30	5+80	CP-246QAM	M+M	Outer_Full	23.09
DC_2A_n77A-3700-3980	30	5+80	CP-246QAM	M+M	Inner_Full	23.16
DC_2A_n77A-3700-3980	30	5+80	DFT-PI2BPSK	M+H	Edge_1RB_Left	23.34
DC_2A_n77A-3700-3980	30	5+80	DFT-PI2BPSK	M+H	Edge_1RB_Right	23.05

3700-3980						
DC_2A_n77A-3700-3980	30	5+80	DFT-PI2BPSK	M+H	Outer_Full	23.13
DC_2A_n77A-3700-3980	30	5+80	DFT-PI2BPSK	M+H	Inner_Full	23.29
DC_2A_n77A-3700-3980	30	5+80	DFT-QPSK	M+H	Edge_1RB_Left	23.29
DC_2A_n77A-3700-3980	30	5+80	DFT-QPSK	M+H	Edge_1RB_Right	23.10
DC_2A_n77A-3700-3980	30	5+80	DFT-QPSK	M+H	Outer_Full	23.15
DC_2A_n77A-3700-3980	30	5+80	DFT-QPSK	M+H	Inner_Full	23.34
DC_2A_n77A-3700-3980	30	5+80	DFT-16QAM	M+H	Edge_1RB_Left	23.29
DC_2A_n77A-3700-3980	30	5+80	DFT-16QAM	M+H	Edge_1RB_Right	23.03
DC_2A_n77A-3700-3980	30	5+80	DFT-16QAM	M+H	Outer_Full	23.12
DC_2A_n77A-3700-3980	30	5+80	DFT-16QAM	M+H	Inner_Full	23.32
DC_2A_n77A-3700-3980	30	5+80	DFT-64QAM	M+H	Edge_1RB_Left	23.51
DC_2A_n77A-3700-3980	30	5+80	DFT-64QAM	M+H	Edge_1RB_Right	23.24
DC_2A_n77A-3700-3980	30	5+80	DFT-64QAM	M+H	Outer_Full	23.10
DC_2A_n77A-3700-3980	30	5+80	DFT-64QAM	M+H	Inner_Full	23.16
DC_2A_n77A-3700-3980	30	5+80	DFT-246QAM	M+H	Edge_1RB_Left	23.44
DC_2A_n77A-3700-3980	30	5+80	DFT-246QAM	M+H	Edge_1RB_Right	23.35
DC_2A_n77A-3700-3980	30	5+80	DFT-246QAM	M+H	Outer_Full	23.13
DC_2A_n77A-3700-3980	30	5+80	DFT-246QAM	M+H	Inner_Full	23.28
DC_2A_n77A-3700-3980	30	5+80	CP-QPSK	M+H	Edge_1RB_Left	23.49
DC_2A_n77A-3700-3980	30	5+80	CP-QPSK	M+H	Edge_1RB_Right	23.20
DC_2A_n77A-3700-3980	30	5+80	CP-QPSK	M+H	Outer_Full	23.10
DC_2A_n77A-3700-3980	30	5+80	CP-QPSK	M+H	Inner_Full	23.31
DC_2A_n77A-3700-3980	30	5+80	CP-16QAM	M+H	Edge_1RB_Left	23.53
DC_2A_n77A-3700-3980	30	5+80	CP-16QAM	M+H	Edge_1RB_Right	23.11
DC_2A_n77A-3700-3980	30	5+80	CP-16QAM	M+H	Outer_Full	23.18

DC_2A_n77A-3700-3980	30	5+80	CP-16QAM	M+H	Inner_Full	23.24
DC_2A_n77A-3700-3980	30	5+80	CP-64QAM	M+H	Edge_1RB_Left	23.31
DC_2A_n77A-3700-3980	30	5+80	CP-64QAM	M+H	Edge_1RB_Right	23.58
DC_2A_n77A-3700-3980	30	5+80	CP-64QAM	M+H	Outer_Full	23.09
DC_2A_n77A-3700-3980	30	5+80	CP-64QAM	M+H	Inner_Full	23.30
DC_2A_n77A-3700-3980	30	5+80	CP-246QAM	M+H	Edge_1RB_Left	23.50
DC_2A_n77A-3700-3980	30	5+80	CP-246QAM	M+H	Edge_1RB_Right	23.28
DC_2A_n77A-3700-3980	30	5+80	CP-246QAM	M+H	Outer_Full	23.09
DC_2A_n77A-3700-3980	30	5+80	CP-246QAM	M+H	Inner_Full	23.31
DC_2A_n77A-3700-3980	30	5+100	DFT-PI2BPSK	M+L	Edge_1RB_Left	23.59
DC_2A_n77A-3700-3980	30	5+100	DFT-PI2BPSK	M+L	Edge_1RB_Right	22.85
DC_2A_n77A-3700-3980	30	5+100	DFT-PI2BPSK	M+L	Outer_Full	23.63
DC_2A_n77A-3700-3980	30	5+100	DFT-PI2BPSK	M+L	Inner_Full	23.73
DC_2A_n77A-3700-3980	30	5+100	DFT-QPSK	M+L	Edge_1RB_Left	23.63
DC_2A_n77A-3700-3980	30	5+100	DFT-QPSK	M+L	Edge_1RB_Right	22.92
DC_2A_n77A-3700-3980	30	5+100	DFT-QPSK	M+L	Outer_Full	23.61
DC_2A_n77A-3700-3980	30	5+100	DFT-QPSK	M+L	Inner_Full	23.65
DC_2A_n77A-3700-3980	30	5+100	DFT-16QAM	M+L	Edge_1RB_Left	23.73
DC_2A_n77A-3700-3980	30	5+100	DFT-16QAM	M+L	Edge_1RB_Right	22.84
DC_2A_n77A-3700-3980	30	5+100	DFT-16QAM	M+L	Outer_Full	23.67
DC_2A_n77A-3700-3980	30	5+100	DFT-16QAM	M+L	Inner_Full	23.61
DC_2A_n77A-3700-3980	30	5+100	DFT-64QAM	M+L	Edge_1RB_Left	23.82
DC_2A_n77A-3700-3980	30	5+100	DFT-64QAM	M+L	Edge_1RB_Right	23.15
DC_2A_n77A-3700-3980	30	5+100	DFT-64QAM	M+L	Outer_Full	23.69
DC_2A_n77A-3700-3980	30	5+100	DFT-64QAM	M+L	Inner_Full	23.68
DC_2A_n77A-3700-3980	30	5+100	DFT-246QAM	M+L	Edge_1RB_Left	23.72

3700-3980						
DC_2A_n77A-3700-3980	30	5+100	DFT-246QAM	M+L	Edge_1RB_Right	23.06
DC_2A_n77A-3700-3980	30	5+100	DFT-246QAM	M+L	Outer_Full	23.53
DC_2A_n77A-3700-3980	30	5+100	DFT-246QAM	M+L	Inner_Full	23.59
DC_2A_n77A-3700-3980	30	5+100	CP-QPSK	M+L	Edge_1RB_Left	23.66
DC_2A_n77A-3700-3980	30	5+100	CP-QPSK	M+L	Edge_1RB_Right	22.90
DC_2A_n77A-3700-3980	30	5+100	CP-QPSK	M+L	Outer_Full	23.56
DC_2A_n77A-3700-3980	30	5+100	CP-QPSK	M+L	Inner_Full	23.63
DC_2A_n77A-3700-3980	30	5+100	CP-16QAM	M+L	Edge_1RB_Left	23.65
DC_2A_n77A-3700-3980	30	5+100	CP-16QAM	M+L	Edge_1RB_Right	23.02
DC_2A_n77A-3700-3980	30	5+100	CP-16QAM	M+L	Outer_Full	23.72
DC_2A_n77A-3700-3980	30	5+100	CP-16QAM	M+L	Inner_Full	23.72
DC_2A_n77A-3700-3980	30	5+100	CP-64QAM	M+L	Edge_1RB_Left	23.91
DC_2A_n77A-3700-3980	30	5+100	CP-64QAM	M+L	Edge_1RB_Right	22.89
DC_2A_n77A-3700-3980	30	5+100	CP-64QAM	M+L	Outer_Full	23.60
DC_2A_n77A-3700-3980	30	5+100	CP-64QAM	M+L	Inner_Full	23.66
DC_2A_n77A-3700-3980	30	5+100	CP-246QAM	M+L	Edge_1RB_Left	23.95
DC_2A_n77A-3700-3980	30	5+100	CP-246QAM	M+L	Edge_1RB_Right	23.33
DC_2A_n77A-3700-3980	30	5+100	CP-246QAM	M+L	Outer_Full	23.68
DC_2A_n77A-3700-3980	30	5+100	CP-246QAM	M+L	Inner_Full	23.69
DC_2A_n77A-3700-3980	30	5+100	DFT-PI2BPSK	M+M	Edge_1RB_Left	23.24
DC_2A_n77A-3700-3980	30	5+100	DFT-PI2BPSK	M+M	Edge_1RB_Right	22.32
DC_2A_n77A-3700-3980	30	5+100	DFT-PI2BPSK	M+M	Outer_Full	23.13
DC_2A_n77A-3700-3980	30	5+100	DFT-PI2BPSK	M+M	Inner_Full	23.24
DC_2A_n77A-3700-3980	30	5+100	DFT-QPSK	M+M	Edge_1RB_Left	23.24
DC_2A_n77A-3700-3980	30	5+100	DFT-QPSK	M+M	Edge_1RB_Right	22.31



DC_2A_n77A-3700-3980	30	5+100	DFT-QPSK	M+M	Outer_Full	23.10
DC_2A_n77A-3700-3980	30	5+100	DFT-QPSK	M+M	Inner_Full	23.20
DC_2A_n77A-3700-3980	30	5+100	DFT-16QAM	M+M	Edge_1RB_Left	22.90
DC_2A_n77A-3700-3980	30	5+100	DFT-16QAM	M+M	Edge_1RB_Right	22.28
DC_2A_n77A-3700-3980	30	5+100	DFT-16QAM	M+M	Outer_Full	23.12
DC_2A_n77A-3700-3980	30	5+100	DFT-16QAM	M+M	Inner_Full	23.19
DC_2A_n77A-3700-3980	30	5+100	DFT-64QAM	M+M	Edge_1RB_Left	23.36
DC_2A_n77A-3700-3980	30	5+100	DFT-64QAM	M+M	Edge_1RB_Right	22.42
DC_2A_n77A-3700-3980	30	5+100	DFT-64QAM	M+M	Outer_Full	23.01
DC_2A_n77A-3700-3980	30	5+100	DFT-64QAM	M+M	Inner_Full	23.13
DC_2A_n77A-3700-3980	30	5+100	DFT-246QAM	M+M	Edge_1RB_Left	23.33
DC_2A_n77A-3700-3980	30	5+100	DFT-246QAM	M+M	Edge_1RB_Right	22.49
DC_2A_n77A-3700-3980	30	5+100	DFT-246QAM	M+M	Outer_Full	23.04
DC_2A_n77A-3700-3980	30	5+100	DFT-246QAM	M+M	Inner_Full	23.24
DC_2A_n77A-3700-3980	30	5+100	CP-QPSK	M+M	Edge_1RB_Left	23.29
DC_2A_n77A-3700-3980	30	5+100	CP-QPSK	M+M	Edge_1RB_Right	22.45
DC_2A_n77A-3700-3980	30	5+100	CP-QPSK	M+M	Outer_Full	23.07
DC_2A_n77A-3700-3980	30	5+100	CP-QPSK	M+M	Inner_Full	23.21
DC_2A_n77A-3700-3980	30	5+100	CP-16QAM	M+M	Edge_1RB_Left	23.24
DC_2A_n77A-3700-3980	30	5+100	CP-16QAM	M+M	Edge_1RB_Right	22.28
DC_2A_n77A-3700-3980	30	5+100	CP-16QAM	M+M	Outer_Full	23.11
DC_2A_n77A-3700-3980	30	5+100	CP-16QAM	M+M	Inner_Full	23.15
DC_2A_n77A-3700-3980	30	5+100	CP-64QAM	M+M	Edge_1RB_Left	23.32
DC_2A_n77A-3700-3980	30	5+100	CP-64QAM	M+M	Edge_1RB_Right	22.52
DC_2A_n77A-3700-3980	30	5+100	CP-64QAM	M+M	Outer_Full	23.12
DC_2A_n77A-3700-3980	30	5+100	CP-64QAM	M+M	Inner_Full	23.22

3700-3980						
DC_2A_n77A-3700-3980	30	5+100	CP-246QAM	M+M	Edge_1RB_Left	23.39
DC_2A_n77A-3700-3980	30	5+100	CP-246QAM	M+M	Edge_1RB_Right	22.42
DC_2A_n77A-3700-3980	30	5+100	CP-246QAM	M+M	Outer_Full	23.12
DC_2A_n77A-3700-3980	30	5+100	CP-246QAM	M+M	Inner_Full	23.12
DC_2A_n77A-3700-3980	30	5+100	DFT-PI2BPSK	M+H	Edge_1RB_Left	22.45
DC_2A_n77A-3700-3980	30	5+100	DFT-PI2BPSK	M+H	Edge_1RB_Right	22.71
DC_2A_n77A-3700-3980	30	5+100	DFT-PI2BPSK	M+H	Outer_Full	22.83
DC_2A_n77A-3700-3980	30	5+100	DFT-PI2BPSK	M+H	Inner_Full	23.07
DC_2A_n77A-3700-3980	30	5+100	DFT-QPSK	M+H	Edge_1RB_Left	22.50
DC_2A_n77A-3700-3980	30	5+100	DFT-QPSK	M+H	Edge_1RB_Right	22.71
DC_2A_n77A-3700-3980	30	5+100	DFT-QPSK	M+H	Outer_Full	22.83
DC_2A_n77A-3700-3980	30	5+100	DFT-QPSK	M+H	Inner_Full	22.99
DC_2A_n77A-3700-3980	30	5+100	DFT-16QAM	M+H	Edge_1RB_Left	22.78
DC_2A_n77A-3700-3980	30	5+100	DFT-16QAM	M+H	Edge_1RB_Right	22.92
DC_2A_n77A-3700-3980	30	5+100	DFT-16QAM	M+H	Outer_Full	22.89
DC_2A_n77A-3700-3980	30	5+100	DFT-16QAM	M+H	Inner_Full	22.95
DC_2A_n77A-3700-3980	30	5+100	DFT-64QAM	M+H	Edge_1RB_Left	22.62
DC_2A_n77A-3700-3980	30	5+100	DFT-64QAM	M+H	Edge_1RB_Right	22.72
DC_2A_n77A-3700-3980	30	5+100	DFT-64QAM	M+H	Outer_Full	22.90
DC_2A_n77A-3700-3980	30	5+100	DFT-64QAM	M+H	Inner_Full	23.05
DC_2A_n77A-3700-3980	30	5+100	DFT-246QAM	M+H	Edge_1RB_Left	22.66
DC_2A_n77A-3700-3980	30	5+100	DFT-246QAM	M+H	Edge_1RB_Right	22.82
DC_2A_n77A-3700-3980	30	5+100	DFT-246QAM	M+H	Outer_Full	22.81
DC_2A_n77A-3700-3980	30	5+100	DFT-246QAM	M+H	Inner_Full	23.01
DC_2A_n77A-3700-3980	30	5+100	CP-QPSK	M+H	Edge_1RB_Left	22.66

DC_2A_n77A-3700-3980	30	5+100	CP-QPSK	M+H	Edge_1RB_Right	22.65
DC_2A_n77A-3700-3980	30	5+100	CP-QPSK	M+H	Outer_Full	22.84
DC_2A_n77A-3700-3980	30	5+100	CP-QPSK	M+H	Inner_Full	22.97
DC_2A_n77A-3700-3980	30	5+100	CP-16QAM	M+H	Edge_1RB_Left	22.28
DC_2A_n77A-3700-3980	30	5+100	CP-16QAM	M+H	Edge_1RB_Right	22.34
DC_2A_n77A-3700-3980	30	5+100	CP-16QAM	M+H	Outer_Full	22.86
DC_2A_n77A-3700-3980	30	5+100	CP-16QAM	M+H	Inner_Full	23.01
DC_2A_n77A-3700-3980	30	5+100	CP-64QAM	M+H	Edge_1RB_Left	22.58
DC_2A_n77A-3700-3980	30	5+100	CP-64QAM	M+H	Edge_1RB_Right	22.69
DC_2A_n77A-3700-3980	30	5+100	CP-64QAM	M+H	Outer_Full	22.79
DC_2A_n77A-3700-3980	30	5+100	CP-64QAM	M+H	Inner_Full	22.97
DC_2A_n77A-3700-3980	30	5+100	CP-246QAM	M+H	Edge_1RB_Left	22.59
DC_2A_n77A-3700-3980	30	5+100	CP-246QAM	M+H	Edge_1RB_Right	22.72
DC_2A_n77A-3700-3980	30	5+100	CP-246QAM	M+H	Outer_Full	22.85
DC_2A_n77A-3700-3980	30	5+100	CP-246QAM	M+H	Inner_Full	22.97
DC_2A_n77A-3700-3980	30	5+60	DFT-PI2BPSK	M+L	Edge_1RB_Left	23.93
DC_2A_n77A-3700-3980	30	5+60	DFT-PI2BPSK	M+L	Edge_1RB_Right	23.45
DC_2A_n77A-3700-3980	30	5+60	DFT-PI2BPSK	M+L	Outer_Full	23.93
DC_2A_n77A-3700-3980	30	5+60	DFT-PI2BPSK	M+L	Inner_Full	23.94
DC_2A_n77A-3700-3980	30	5+60	DFT-QPSK	M+L	Edge_1RB_Left	23.96
DC_2A_n77A-3700-3980	30	5+60	DFT-QPSK	M+L	Edge_1RB_Right	23.46
DC_2A_n77A-3700-3980	30	5+60	DFT-QPSK	M+L	Outer_Full	23.93
DC_2A_n77A-3700-3980	30	5+60	DFT-QPSK	M+L	Inner_Full	23.90
DC_2A_n77A-3700-3980	30	5+60	DFT-16QAM	M+L	Edge_1RB_Left	23.93
DC_2A_n77A-3700-3980	30	5+60	DFT-16QAM	M+L	Edge_1RB_Right	23.32
DC_2A_n77A-3700-3980	30	5+60	DFT-16QAM	M+L	Outer_Full	23.95

3700-3980						
DC_2A_n77A-3700-3980	30	5+60	DFT-16QAM	M+L	Inner_Full	24.01
DC_2A_n77A-3700-3980	30	5+60	DFT-64QAM	M+L	Edge_1RB_Left	24.14
DC_2A_n77A-3700-3980	30	5+60	DFT-64QAM	M+L	Edge_1RB_Right	23.67
DC_2A_n77A-3700-3980	30	5+60	DFT-64QAM	M+L	Outer_Full	23.87
DC_2A_n77A-3700-3980	30	5+60	DFT-64QAM	M+L	Inner_Full	23.99
DC_2A_n77A-3700-3980	30	5+60	DFT-246QAM	M+L	Edge_1RB_Left	24.14
DC_2A_n77A-3700-3980	30	5+60	DFT-246QAM	M+L	Edge_1RB_Right	23.67
DC_2A_n77A-3700-3980	30	5+60	DFT-246QAM	M+L	Outer_Full	23.90
DC_2A_n77A-3700-3980	30	5+60	DFT-246QAM	M+L	Inner_Full	23.60
DC_2A_n77A-3700-3980	30	5+60	CP-QPSK	M+L	Edge_1RB_Left	23.89
DC_2A_n77A-3700-3980	30	5+60	CP-QPSK	M+L	Edge_1RB_Right	23.51
DC_2A_n77A-3700-3980	30	5+60	CP-QPSK	M+L	Outer_Full	23.95
DC_2A_n77A-3700-3980	30	5+60	CP-QPSK	M+L	Inner_Full	23.95
DC_2A_n77A-3700-3980	30	5+60	CP-16QAM	M+L	Edge_1RB_Left	23.98
DC_2A_n77A-3700-3980	30	5+60	CP-16QAM	M+L	Edge_1RB_Right	23.47
DC_2A_n77A-3700-3980	30	5+60	CP-16QAM	M+L	Outer_Full	23.96
DC_2A_n77A-3700-3980	30	5+60	CP-16QAM	M+L	Inner_Full	23.97
DC_2A_n77A-3700-3980	30	5+60	CP-64QAM	M+L	Edge_1RB_Left	24.24
DC_2A_n77A-3700-3980	30	5+60	CP-64QAM	M+L	Edge_1RB_Right	23.62
DC_2A_n77A-3700-3980	30	5+60	CP-64QAM	M+L	Outer_Full	23.97
DC_2A_n77A-3700-3980	30	5+60	CP-64QAM	M+L	Inner_Full	24.00
DC_2A_n77A-3700-3980	30	5+60	CP-246QAM	M+L	Edge_1RB_Left	24.15
DC_2A_n77A-3700-3980	30	5+60	CP-246QAM	M+L	Edge_1RB_Right	23.77
DC_2A_n77A-3700-3980	30	5+60	CP-246QAM	M+L	Outer_Full	23.97
DC_2A_n77A-3700-3980	30	5+60	CP-246QAM	M+L	Inner_Full	23.98

DC_2A_n77A-3700-3980	30	5+60	DFT-PI2BPSK	M+M	Edge_1RB_Left	23.48
DC_2A_n77A-3700-3980	30	5+60	DFT-PI2BPSK	M+M	Edge_1RB_Right	22.83
DC_2A_n77A-3700-3980	30	5+60	DFT-PI2BPSK	M+M	Outer_Full	23.21
DC_2A_n77A-3700-3980	30	5+60	DFT-PI2BPSK	M+M	Inner_Full	23.24
DC_2A_n77A-3700-3980	30	5+60	DFT-QPSK	M+M	Edge_1RB_Left	23.42
DC_2A_n77A-3700-3980	30	5+60	DFT-QPSK	M+M	Edge_1RB_Right	22.91
DC_2A_n77A-3700-3980	30	5+60	DFT-QPSK	M+M	Outer_Full	23.24
DC_2A_n77A-3700-3980	30	5+60	DFT-QPSK	M+M	Inner_Full	23.12
DC_2A_n77A-3700-3980	30	5+60	DFT-16QAM	M+M	Edge_1RB_Left	23.55
DC_2A_n77A-3700-3980	30	5+60	DFT-16QAM	M+M	Edge_1RB_Right	22.80
DC_2A_n77A-3700-3980	30	5+60	DFT-16QAM	M+M	Outer_Full	23.24
DC_2A_n77A-3700-3980	30	5+60	DFT-16QAM	M+M	Inner_Full	23.23
DC_2A_n77A-3700-3980	30	5+60	DFT-64QAM	M+M	Edge_1RB_Left	23.52
DC_2A_n77A-3700-3980	30	5+60	DFT-64QAM	M+M	Edge_1RB_Right	23.00
DC_2A_n77A-3700-3980	30	5+60	DFT-64QAM	M+M	Outer_Full	23.24
DC_2A_n77A-3700-3980	30	5+60	DFT-64QAM	M+M	Inner_Full	23.04
DC_2A_n77A-3700-3980	30	5+60	DFT-246QAM	M+M	Edge_1RB_Left	23.67
DC_2A_n77A-3700-3980	30	5+60	DFT-246QAM	M+M	Edge_1RB_Right	23.09
DC_2A_n77A-3700-3980	30	5+60	DFT-246QAM	M+M	Outer_Full	23.18
DC_2A_n77A-3700-3980	30	5+60	DFT-246QAM	M+M	Inner_Full	23.15
DC_2A_n77A-3700-3980	30	5+60	CP-QPSK	M+M	Edge_1RB_Left	23.41
DC_2A_n77A-3700-3980	30	5+60	CP-QPSK	M+M	Edge_1RB_Right	22.84
DC_2A_n77A-3700-3980	30	5+60	CP-QPSK	M+M	Outer_Full	23.30
DC_2A_n77A-3700-3980	30	5+60	CP-QPSK	M+M	Inner_Full	23.20
DC_2A_n77A-3700-3980	30	5+60	CP-16QAM	M+M	Edge_1RB_Left	23.43
DC_2A_n77A-3700-3980	30	5+60	CP-16QAM	M+M	Edge_1RB_Right	22.90

3700-3980						
DC_2A_n77A-3700-3980	30	5+60	CP-16QAM	M+M	Outer_Full	23.23
DC_2A_n77A-3700-3980	30	5+60	CP-16QAM	M+M	Inner_Full	23.11
DC_2A_n77A-3700-3980	30	5+60	CP-64QAM	M+M	Edge_1RB_Left	23.67
DC_2A_n77A-3700-3980	30	5+60	CP-64QAM	M+M	Edge_1RB_Right	23.11
DC_2A_n77A-3700-3980	30	5+60	CP-64QAM	M+M	Outer_Full	23.24
DC_2A_n77A-3700-3980	30	5+60	CP-64QAM	M+M	Inner_Full	23.20
DC_2A_n77A-3700-3980	30	5+60	CP-246QAM	M+M	Edge_1RB_Left	23.77
DC_2A_n77A-3700-3980	30	5+60	CP-246QAM	M+M	Edge_1RB_Right	23.10
DC_2A_n77A-3700-3980	30	5+60	CP-246QAM	M+M	Outer_Full	23.28
DC_2A_n77A-3700-3980	30	5+60	CP-246QAM	M+M	Inner_Full	23.21
DC_2A_n77A-3700-3980	30	5+60	DFT-PI2BPSK	M+H	Edge_1RB_Left	22.98
DC_2A_n77A-3700-3980	30	5+60	DFT-PI2BPSK	M+H	Edge_1RB_Right	22.97
DC_2A_n77A-3700-3980	30	5+60	DFT-PI2BPSK	M+H	Outer_Full	23.11
DC_2A_n77A-3700-3980	30	5+60	DFT-PI2BPSK	M+H	Inner_Full	23.16
DC_2A_n77A-3700-3980	30	5+60	DFT-QPSK	M+H	Edge_1RB_Left	23.03
DC_2A_n77A-3700-3980	30	5+60	DFT-QPSK	M+H	Edge_1RB_Right	23.09
DC_2A_n77A-3700-3980	30	5+60	DFT-QPSK	M+H	Outer_Full	23.14
DC_2A_n77A-3700-3980	30	5+60	DFT-QPSK	M+H	Inner_Full	23.19
DC_2A_n77A-3700-3980	30	5+60	DFT-16QAM	M+H	Edge_1RB_Left	23.30
DC_2A_n77A-3700-3980	30	5+60	DFT-16QAM	M+H	Edge_1RB_Right	23.31
DC_2A_n77A-3700-3980	30	5+60	DFT-16QAM	M+H	Outer_Full	23.14
DC_2A_n77A-3700-3980	30	5+60	DFT-16QAM	M+H	Inner_Full	23.19
DC_2A_n77A-3700-3980	30	5+60	DFT-64QAM	M+H	Edge_1RB_Left	23.10
DC_2A_n77A-3700-3980	30	5+60	DFT-64QAM	M+H	Edge_1RB_Right	23.07
DC_2A_n77A-3700-3980	30	5+60	DFT-64QAM	M+H	Outer_Full	23.15

DC_2A_n77A-3700-3980	30	5+60	DFT-64QAM	M+H	Inner_Full	23.19
DC_2A_n77A-3700-3980	30	5+60	DFT-246QAM	M+H	Edge_1RB_Left	23.24
DC_2A_n77A-3700-3980	30	5+60	DFT-246QAM	M+H	Edge_1RB_Right	23.29
DC_2A_n77A-3700-3980	30	5+60	DFT-246QAM	M+H	Outer_Full	22.99
DC_2A_n77A-3700-3980	30	5+60	DFT-246QAM	M+H	Inner_Full	23.11
DC_2A_n77A-3700-3980	30	5+60	CP-QPSK	M+H	Edge_1RB_Left	23.17
DC_2A_n77A-3700-3980	30	5+60	CP-QPSK	M+H	Edge_1RB_Right	23.01
DC_2A_n77A-3700-3980	30	5+60	CP-QPSK	M+H	Outer_Full	23.14
DC_2A_n77A-3700-3980	30	5+60	CP-QPSK	M+H	Inner_Full	23.20
DC_2A_n77A-3700-3980	30	5+60	CP-16QAM	M+H	Edge_1RB_Left	22.89
DC_2A_n77A-3700-3980	30	5+60	CP-16QAM	M+H	Edge_1RB_Right	22.71
DC_2A_n77A-3700-3980	30	5+60	CP-16QAM	M+H	Outer_Full	23.21
DC_2A_n77A-3700-3980	30	5+60	CP-16QAM	M+H	Inner_Full	23.15
DC_2A_n77A-3700-3980	30	5+60	CP-64QAM	M+H	Edge_1RB_Left	23.12
DC_2A_n77A-3700-3980	30	5+60	CP-64QAM	M+H	Edge_1RB_Right	23.06
DC_2A_n77A-3700-3980	30	5+60	CP-64QAM	M+H	Outer_Full	23.24
DC_2A_n77A-3700-3980	30	5+60	CP-64QAM	M+H	Inner_Full	23.20
DC_2A_n77A-3700-3980	30	5+60	CP-246QAM	M+H	Edge_1RB_Left	23.16
DC_2A_n77A-3700-3980	30	5+60	CP-246QAM	M+H	Edge_1RB_Right	23.15
DC_2A_n77A-3700-3980	30	5+60	CP-246QAM	M+H	Outer_Full	23.17
DC_2A_n77A-3700-3980	30	5+60	CP-246QAM	M+H	Inner_Full	23.20

WLAN & Bluetooth Output Power

Mode	Channel	Frequency (MHz)	Tune-up	Output Power (dBm)	Tune-up	Output Power (dBm)	Tune-up	Output Power (dBm)
			ANT1		ANT2		MIMO	
802.11b	1	2412	18.00	15.52	17.50	16.27	N/A	N/A
	6	2437	18.00	15.48	17.50	16.64	N/A	N/A
	11	2462	18.00	17.87	17.50	17.49	N/A	N/A
802.11g	1	2412	18.00	17.63	18.50	17.59	N/A	N/A
	6	2437	18.00	16.22	18.50	17.34	N/A	N/A
	11	2462	18.00	17.93	18.50	18.02	N/A	N/A
802.11n HT20	1	2412	16.00	15.99	17.00	13.11	19.00	17.80
	6	2437	16.00	15.67	17.00	14.76	19.00	18.20
	11	2462	16.00	14.24	17.00	16.63	19.00	18.60
802.11n HT40	3	2422	16.00	15.93	14.50	13.94	18.50	18.10
	6	2437	16.00	14.17	14.50	13.55	18.50	16.90
	9	2452	16.00	15.15	14.50	14.21	18.50	17.70

NOTE: Power measurement results of WLAN 2.4G.

Mode	Channel	Frequency (MHz)	Tune-up	Output Power (dBm)	Tune-up	Output Power (dBm)	Tune-up	Output Power (dBm)
			ANT1		ANT2		MIMO	
802.11a	36	5180	17.50	17.19	17.00	16.67	N/A	N/A
	40	5200	17.50	17.13	17.00	16.59	N/A	N/A
	48	5240	17.50	16.83	17.00	15.93	N/A	N/A
802.11n (HT20)	36	5180	17.00	16.87	17.00	16.51	20.00	19.70
	40	5200	17.00	15.77	17.00	15.49	20.00	18.60
	48	5240	17.00	15.56	17.00	12.24	20.00	17.20
802.11n (HT40)	38	5190	16.50	16.23	16.50	16.15	19.50	19.20
	46	5230	16.50	16.04	16.50	15.30	19.50	18.70
802.11ac (VHT20)	36	5180	16.00	15.80	16.00	15.63	19.00	18.70
	40	5200	16.00	15.56	16.00	14.56	19.00	18.10
	48	5240	16.00	15.55	16.00	14.12	19.00	17.90
802.11ac (VHT40)	38	5190	16.50	16.18	16.00	15.55	19.00	18.90
	46	5230	16.50	16.12	16.00	15.13	19.00	18.70
802.11ac (VHT80)	42	5210	16.00	15.62	15.00	14.87	18.50	18.30

NOTE: Power measurement results of WLAN 5.2G.

Mode	Channel	Frequency (MHz)	Tune-up	Output Power (dBm)	Tune-up	Output Power (dBm)	Tune-up	Output Power (dBm)
			ANT1		ANT2		MIMO	
802.11a	149	5745	14.50	14.30	11.50	9.85	N/A	N/A
	157	5785	14.50	13.53	11.50	10.98	N/A	N/A
	165	5825	14.50	13.69	11.50	11.47	N/A	N/A
802.11n (HT20)	149	5745	13.50	13.06	8.00	6.65	14.00	14.00
	157	5785	13.50	12.55	8.00	7.51	14.00	13.70



	165	5825	13.50	11.74	8.00	6.86	14.00	13.00
802.11n (HT40)	151	5755	13.50	13.45	9.00	7.11	14.50	14.40
	159	5795	13.50	12.96	9.00	8.64	14.50	14.30
802.11ac (VHT20)	149	5745	13.50	13.10	6.50	5.77	14.00	13.80
	157	5785	13.50	12.61	6.50	5.48	14.00	13.40
	165	5825	13.50	11.73	6.50	6.32	14.00	12.80
802.11ac (VHT40)	151	5755	14.00	13.54	8.00	7.16	14.50	14.40
	159	5795	14.00	12.93	8.00	7.64	14.50	14.10
802.11ac (VHT80)	155	5775	13.50	13.12	8.00	8.00	14.50	14.30

NOTE: Power measurement results of WLAN 5.8G.

BR+EDR	Output Power (dBm)				
	Channel	Tune-up	Data Rates		
			1M	2M	3M
	0CH	5.50	5.22	4.46	5.09
39CH	5.00	4.41	4.01	4.42	
78CH	6.50	6.31	5.79	6.04	

BLE-1M	Channel	Tune-up	Output Power (dBm)
	0CH	5.50	5.21
	19CH	5.00	4.37
	39CH	6.50	6.27

NOTE: Power measurement results of Bluetooth.