Ant.6 - Power Level C1								
LTE Band 48			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15 MHz	1RB_74	3692.5	20.20	19.45	18.17	22.0	21.0	20.0
		3647.5	20.03	19.25	18.11			
		3602.5	20.47	19.43	18.22			
		3557.5	20.85	19.83	18.64			
	1RB_37	3692.5	20.53	19.40	18.28			
		3647.5	20.31	19.38	18.16			
		3602.5	20.70	19.88	18.37			
		3557.5	21.01	19.97	18.87			
	1RB_0	3692.5	20.36	19.52	18.08			
		3647.5	20.42	19.40	18.13			
		3602.5	20.73	19.83	18.65			
		3557.5	20.96	20.13	18.81			
	36RB_38	3692.5	19.31	18.44	17.48	21.0	20.0	19.0
		3647.5	19.17	18.18	17.35			
		3602.5	19.71	18.74	17.62			
		3557.5	19.85	18.86	17.87			
	36RB_19	3692.5	19.41	18.35	17.52			
		3647.5	19.35	18.29	17.36			
		3602.5	19.88	18.71	17.64			
		3557.5	20.06	19.09	18.10			
	36RB_0	3692.5	19.41	18.48	17.50			
		3647.5	19.44	18.43	17.48			
		3602.5	19.83	18.80	17.78			
		3557.5	20.13	19.16	18.11			
	75RB_0	3692.5	19.42	18.40	17.39			
		3647.5	19.33	18.32	17.33			
		3602.5	19.72	18.71	17.71			
		3557.5	20.06	19.03	18.02			

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Ant.6 - Power Level C1								
LTE Band 48			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20 MHz	1RB_99	3690.0	20.27	19.34	18.05	22.0	21.0	20.0
		3646.7	20.10	19.14	18.08			
		3603.3	20.43	19.54	18.28			
		3560.0	20.88	19.93	18.63			
	1RB_50	3690.0	20.41	19.45	18.19			
		3646.7	20.43	19.39	18.11			
		3603.3	20.76	19.80	18.48			
		3560.0	**21.05**	20.06	18.76			
	1RB_0	3690.0	20.36	19.40	18.15			
		3646.7	20.40	19.48	18.22			
		3603.3	20.74	19.87	18.58			
		3560.0	21.03	20.20	18.88			
	50RB_50	3690.0	19.40	18.41	17.39	21.0	20.0	19.0
		3646.7	19.27	18.27	17.27			
		3603.3	19.67	18.65	17.65			
		3560.0	19.96	18.96	17.91			
	50RB_25	3690.0	19.44	18.46	17.41			
		3646.7	19.34	18.36	17.32			
		3603.3	19.78	18.79	17.75			
		3560.0	20.02	19.04	17.98			
	50RB_0	3690.0	19.44	18.48	17.46			
		3646.7	19.44	18.43	17.48			
		3603.3	19.83	18.80	17.78			
		3560.0	**20.13**	19.16	18.11			
	100RB_0	3690.0	19.42	18.40	17.39			
		3646.7	19.33	18.32	17.33			
		3603.3	19.72	18.71	17.71			
		3560.0	20.06	19.03	18.02			

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Ant.5 - Power Level A1/C1								
LTE Band 66			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1.4 MHz	1RB_5	1779.3	23.00	22.26	21.18	**24.0**	**23.0**	**22.0**
		1745.0	23.06	22.30	21.15			
		1710.7	23.01	22.19	21.04			
	1RB_3	1779.3	23.03	22.31	21.16			
		1745.0	23.05	22.34	21.13			
		1710.7	23.04	22.22	21.08			
	1RB_0	1779.3	23.01	22.30	21.17			
		1745.0	23.04	22.29	21.14			
		1710.7	23.03	22.21	21.10			
	3RB_3	1779.3	23.02	21.99	21.03			
		1745.0	23.01	21.99	21.05			
		1710.7	23.05	22.01	21.14			
	3RB_1	1779.3	23.01	22.00	21.03			
		1745.0	23.05	22.05	21.12			
		1710.7	23.04	22.07	21.11			
	3RB_0	1779.3	23.03	22.01	21.04			
		1745.0	23.07	22.07	21.13			
		1710.7	23.05	22.07	21.15			
	6RB_0	1779.3	22.04	21.07	19.93	**23.0**	**22.0**	**21.0**
		1745.0	22.06	21.12	19.96			
		1710.7	22.08	21.09	19.93			

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Ant.5 - Power Level A1/C1								
LTE Band 66			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
3 MHz	1RB_14	1778.5	22.99	22.23	21.07	24.0	23.0	22.0
		1745.0	23.04	22.32	21.10			
		1711.5	23.09	22.28	21.23			
	1RB_7	1778.5	23.01	22.25	21.10			
		1745.0	23.06	22.37	21.13			
		1711.5	23.06	22.24	21.17			
	1RB_0	1778.5	23.03	22.26	21.12			
		1745.0	23.07	22.36	21.14			
		1711.5	23.05	22.26	21.17			
	8RB_7	1778.5	21.98	21.04	19.95	23.0	22.0	21.0
		1745.0	21.99	21.04	20.01			
		1711.5	22.03	21.07	20.04			
	8RB_4	1778.5	22.02	21.09	19.97			
		1745.0	22.01	21.06	19.95			
		1711.5	22.03	21.09	20.01			
	8RB_0	1778.5	22.05	21.06	19.96			
		1745.0	22.04	21.10	20.01			
		1711.5	22.02	21.11	20.01			
	15RB_0	1778.5	22.01	21.01	19.94			
		1745.0	21.97	21.00	19.96			
		1711.5	22.02	21.06	20.01			

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Ant.5 - Power Level A1/C1								
LTE Band 66			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	1777.5	23.01	22.27	21.05	24.0	23.0	22.0
		1745.0	23.07	22.31	21.12			
		1712.5	23.10	22.30	21.17			
	1RB_12	1777.5	23.07	22.30	21.07			
		1745.0	23.10	22.31	21.14			
		1712.5	23.08	22.28	21.12			
	1RB_0	1777.5	23.06	22.30	21.09			
		1745.0	23.09	22.32	21.16			
		1712.5	23.07	22.31	21.12			
	12RB_13	1777.5	21.97	20.98	19.90	23.0	22.0	21.0
		1745.0	21.97	20.94	19.90			
		1712.5	22.08	21.03	20.01			
	12RB_6	1777.5	22.03	20.99	19.97			
		1745.0	22.09	21.05	20.00			
		1712.5	22.03	21.00	20.02			
	12RB_0	1777.5	22.09	21.07	20.03			
		1745.0	22.11	21.08	20.03			
		1712.5	22.06	21.02	20.01			
	25RB_0	1777.5	22.02	21.01	19.96			
		1745.0	22.04	21.06	19.95			
		1712.5	22.06	21.05	19.98			

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Ant.5 - Power Level A1/C1								
LTE Band 66			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	1775.0	22.98	22.20	21.05	24.0	23.0	22.0
		1745.0	23.00	22.25	21.04			
		1715.0	23.07	22.25	21.12			
	1RB_24	1775.0	23.02	22.28	21.09			
		1745.0	23.09	22.30	21.14			
		1715.0	23.09	22.31	21.16			
	1RB_0	1775.0	23.01	22.27	21.09			
		1745.0	23.08	22.27	21.14			
		1715.0	23.07	22.25	21.12			
	25RB_25	1775.0	22.01	20.96	19.92	23.0	22.0	21.0
		1745.0	22.03	21.04	19.98			
		1715.0	22.11	21.12	20.03			
	25RB_12	1775.0	22.01	20.99	19.94			
		1745.0	22.04	21.08	20.01			
		1715.0	22.06	21.08	20.00			
	25RB_0	1775.0	22.11	21.13	20.04			
		1745.0	22.11	21.14	20.08			
		1715.0	22.01	21.04	19.95			
	50RB_0	1775.0	22.04	21.04	19.97			
		1745.0	22.06	21.06	19.97			
		1715.0	22.08	21.07	19.98			

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Ant.5 - Power Level A1/C1								
LTE Band 66			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15 MHz	1RB_74	1772.5	22.95	22.22	20.97	24.0	23.0	22.0
		1745.0	22.95	22.22	20.98			
		1717.5	22.99	22.23	21.08			
	1RB_37	1772.5	23.02	22.24	21.06			
		1745.0	23.05	22.28	21.06			
		1717.5	23.09	22.30	21.10			
	1RB_0	1772.5	23.02	22.26	21.09			
		1745.0	23.04	22.28	21.10			
		1717.5	23.02	22.24	21.07			
	36RB_38	1772.5	21.93	20.98	19.92	23.0	22.0	21.0
		1745.0	21.96	20.98	19.93			
		1717.5	22.05	21.07	20.02			
	36RB_19	1772.5	22.00	21.02	19.97			
		1745.0	22.05	21.06	19.99			
		1717.5	22.04	21.04	20.00			
	36RB_0	1772.5	22.07	21.07	20.02			
		1745.0	22.08	21.09	20.05			
		1717.5	22.00	21.02	19.97			
	75RB_0	1772.5	22.03	20.99	19.94			
		1745.0	22.01	20.98	19.93			
		1717.5	22.03	21.01	19.96			

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Ant.5 - Power Level A1/C1								
LTE Band 66			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20 MHz	1RB_99	1770.0	22.95	22.15	21.02	24.0	23.0	22.0
		1745.0	22.93	22.12	21.00			
		1720.0	22.98	22.11	20.94			
	1RB_50	1770.0	23.08	22.26	21.14			
		1745.0	**23.11**	22.23	21.12			
		1720.0	23.11	22.22	21.08			
	1RB_0	1770.0	23.06	22.28	21.12			
		1745.0	23.07	22.22	21.10			
		1720.0	23.04	22.15	21.00			
	50RB_50	1770.0	21.93	20.92	19.84	23.0	22.0	21.0
		1745.0	21.97	20.93	19.87			
		1720.0	22.06	21.03	20.00			
	50RB_25	1770.0	22.05	21.05	19.97			
		1745.0	22.08	21.07	19.99			
		1720.0	22.10	21.10	20.03			
	50RB_0	1770.0	22.11	21.08	19.96			
		1745.0	**22.14**	21.12	20.06			
		1720.0	22.10	21.06	20.00			
	100RB_0	1770.0	22.00	21.01	19.95			
		1745.0	22.03	20.99	19.94			
		1720.0	22.04	21.01	19.95			

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Ant.5 - Power Level B1								
LTE Band 66			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1.4 MHz	1RB_5	1779.3	19.82	19.13	18.03	21.0	20.0	19.0
		1745.0	19.82	19.15	18.08			
		1710.7	19.82	19.10	17.96			
	1RB_3	1779.3	19.84	19.15	18.03			
		1745.0	19.82	19.18	18.07			
		1710.7	19.85	19.14	17.96			
	1RB_0	1779.3	19.83	19.13	18.06			
		1745.0	19.84	19.17	18.01			
		1710.7	19.83	19.13	17.97			
	3RB_3	1779.3	19.89	18.85	17.93			
		1745.0	19.85	18.84	17.94			
		1710.7	19.87	18.83	17.98			
	3RB_1	1779.3	19.87	18.85	17.95			
		1745.0	19.88	18.89	17.94			
		1710.7	19.83	18.82	17.98			
	3RB_0	1779.3	19.85	18.85	17.96			
		1745.0	19.88	18.89	17.96			
		1710.7	19.87	18.82	17.99			
	6RB_0	1779.3	18.86	17.95	16.85	20.0	19.0	18.0
		1745.0	18.86	18.00	16.84			
		1710.7	18.85	17.97	16.83			

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Ant.5 - Power Level B1								
LTE Band 66			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
3 MHz	1RB_14	1778.5	19.81	19.11	18.00	21.0	20.0	19.0
		1745.0	19.79	19.11	17.99			
		1711.5	19.91	19.17	18.05			
	1RB_7	1778.5	19.82	19.11	18.03			
		1745.0	19.82	19.17	17.97			
		1711.5	19.84	19.11	18.03			
	1RB_0	1778.5	19.82	19.10	18.00			
		1745.0	19.84	19.16	17.99			
		1711.5	19.84	19.12	18.01			
	8RB_7	1778.5	18.80	17.90	16.89	20.0	19.0	18.0
		1745.0	18.80	17.93	16.88			
		1711.5	18.85	17.94	16.92			
	8RB_4	1778.5	18.81	17.91	16.86			
		1745.0	18.83	17.93	16.87			
		1711.5	18.84	17.93	16.88			
	8RB_0	1778.5	18.84	17.95	16.88			
		1745.0	18.85	17.96	16.90			
		1711.5	18.86	17.93	16.89			
	15RB_0	1778.5	18.82	17.88	16.85			
		1745.0	18.82	17.87	16.86			
		1711.5	18.85	17.94	16.89			

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Ant.5 - Power Level B1								
LTE Band 66			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	1777.5	19.81	19.08	17.99	21.0	20.0	19.0
		1745.0	19.86	19.13	17.96			
		1712.5	19.89	19.16	18.06			
	1RB_12	1777.5	19.84	19.11	18.02			
		1745.0	19.88	19.15	17.98			
		1712.5	19.86	19.12	18.05			
	1RB_0	1777.5	19.84	19.13	17.97			
		1745.0	19.90	19.16	18.00			
		1712.5	19.85	19.20	18.05			
	12RB_13	1777.5	18.81	17.81	16.83	20.0	19.0	18.0
		1745.0	18.82	17.80	16.83			
		1712.5	18.90	17.90	16.89			
	12RB_6	1777.5	18.87	17.87	16.87			
		1745.0	18.89	17.90	16.91			
		1712.5	18.85	17.88	16.87			
	12RB_0	1777.5	18.89	17.94	16.95			
		1745.0	18.92	17.94	16.96			
		1712.5	18.87	17.88	16.89			
	25RB_0	1777.5	18.86	17.89	16.88			
		1745.0	18.86	17.88	16.87			
		1712.5	18.87	17.90	16.89			

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Ant.5 - Power Level B1								
LTE Band 66			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	1775.0	19.82	19.09	17.97	21.0	20.0	19.0
		1745.0	19.82	19.11	17.96			
		1715.0	19.88	19.11	18.05			
	1RB_24	1775.0	19.85	19.16	18.02			
		1745.0	19.87	19.17	18.02			
		1715.0	19.92	19.16	18.09			
	1RB_0	1775.0	19.87	19.20	18.03			
		1745.0	19.90	19.21	18.06			
		1715.0	19.89	19.11	18.07			
	25RB_25	1775.0	18.82	17.85	16.84	20.0	19.0	18.0
		1745.0	18.85	17.87	16.87			
		1715.0	18.92	17.97	16.92			
	25RB_12	1775.0	18.83	17.87	16.86			
		1745.0	18.91	17.92	16.90			
		1715.0	18.88	17.95	16.92			
	25RB_0	1775.0	18.94	17.98	16.97			
		1745.0	18.95	17.94	16.96			
		1715.0	18.86	17.91	16.84			
	50RB_0	1775.0	18.90	17.92	16.88			
		1745.0	18.92	17.92	16.88			
		1715.0	18.92	17.95	16.90			

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Ant.5 - Power Level B1								
LTE Band 66			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15 MHz	1RB_74	1772.5	19.76	19.05	17.94	21.0	20.0	19.0
		1745.0	19.78	19.12	17.99			
		1717.5	19.81	19.11	18.00			
	1RB_37	1772.5	19.86	19.13	18.02			
		1745.0	19.85	19.17	18.00			
		1717.5	19.91	19.20	18.05			
	1RB_0	1772.5	19.88	19.15	18.01			
		1745.0	19.85	19.17	18.00			
		1717.5	19.86	19.16	18.05			
	36RB_38	1772.5	18.81	17.86	16.85	20.0	19.0	18.0
		1745.0	18.78	17.84	16.85			
		1717.5	18.86	17.92	16.92			
	36RB_19	1772.5	18.87	17.91	16.93			
		1745.0	18.86	17.92	16.90			
		1717.5	18.86	17.94	16.90			
	36RB_0	1772.5	18.90	17.93	16.92			
		1745.0	18.87	17.94	16.92			
		1717.5	18.86	17.87	16.89			
	75RB_0	1772.5	18.88	17.89	16.84			
		1745.0	18.86	17.84	16.82			
		1717.5	18.88	17.89	16.86			

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Ant.5 - Power Level B1								
LTE Band 66			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20 MHz	1RB_99	1770.0	19.75	19.09	18.01	21.0	20.0	19.0
		1745.0	19.77	19.09	17.97			
		1720.0	19.79	19.05	17.96			
	1RB_50	1770.0	19.91	19.21	18.12			
		1745.0	**19.93**	19.14	18.06			
		1720.0	19.90	19.16	18.04			
	1RB_0	1770.0	19.82	19.16	18.11			
		1745.0	19.88	19.15	18.03			
		1720.0	19.84	19.12	17.93			
	50RB_50	1770.0	18.77	17.82	16.83	20.0	19.0	18.0
		1745.0	18.80	17.85	16.81			
		1720.0	18.91	17.91	16.86			
	50RB_25	1770.0	18.91	17.94	16.90			
		1745.0	18.92	17.97	16.89			
		1720.0	18.94	17.94	16.93			
	50RB_0	1770.0	18.95	17.98	16.93			
		1745.0	**18.96**	17.96	16.96			
		1720.0	18.94	17.92	16.88			
	100RB_0	1770.0	18.87	17.89	16.89			
		1745.0	18.84	17.88	16.84			
		1720.0	18.88	17.91	16.86			

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Ant.1 - Power Level A2/B2/C2								
LTE Band 66			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1.4 MHz	1RB_5	1779.3	23.15	22.19	20.85	24.0	23.0	22.0
		1745.0	23.15	22.20	20.90			
		1710.7	23.09	22.17	20.83			
	1RB_3	1779.3	23.24	22.15	20.87			
		1745.0	23.20	22.33	20.91			
		1710.7	23.22	22.31	20.97			
	1RB_0	1779.3	23.10	22.16	20.85			
		1745.0	23.29	22.20	20.89			
		1710.7	23.27	22.26	20.78			
	3RB_3	1779.3	23.18	22.25	20.88			
		1745.0	23.18	22.19	20.89			
		1710.7	23.20	22.07	20.92			
	3RB_1	1779.3	23.25	22.33	20.88			
		1745.0	23.26	22.19	20.91			
		1710.7	23.29	22.12	20.94			
	3RB_0	1779.3	23.24	22.08	20.82			
		1745.0	23.28	22.12	20.85			
		1710.7	23.24	22.17	20.83			
	6RB_0	1779.3	22.20	21.17	19.86	23.0	22.0	21.0
		1745.0	22.28	21.20	19.87			
		1710.7	22.19	21.23	19.83			

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Ant.1 - Power Level A2/B2/C2								
LTE Band 66			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
3 MHz	1RB_14	1778.5	23.17	22.20	20.87	24.0	23.0	22.0
		1745.0	23.19	22.22	20.87			
		1711.5	23.12	22.18	20.82			
	1RB_7	1778.5	23.20	22.19	20.90			
		1745.0	23.20	22.34	20.94			
		1711.5	23.25	22.32	20.94			
	1RB_0	1778.5	23.07	22.15	20.83			
		1745.0	23.25	22.21	20.90			
		1711.5	23.30	22.26	20.79			
	8RB_7	1778.5	22.21	21.26	19.86	23.0	22.0	21.0
		1745.0	22.21	21.17	19.88			
		1711.5	22.23	21.07	19.90			
	8RB_4	1778.5	22.24	21.31	19.88			
		1745.0	22.27	21.22	19.90			
		1711.5	22.29	21.16	19.94			
	8RB_0	1778.5	22.21	21.11	19.85			
		1745.0	22.29	21.15	19.86			
		1711.5	22.21	21.16	19.81			
	15RB_0	1778.5	22.20	21.20	19.86			
		1745.0	22.31	21.20	19.86			
		1711.5	22.19	21.25	19.84			

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Ant.1 - Power Level A2/B2/C2								
LTE Band 66			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	1777.5	23.14	22.18	20.87	24.0	23.0	22.0
		1745.0	23.15	22.23	20.91			
		1712.5	23.11	22.19	20.83			
	1RB_12	1777.5	23.21	22.19	20.92			
		1745.0	23.23	22.33	20.96			
		1712.5	23.26	22.34	20.94			
	1RB_0	1777.5	23.09	22.13	20.87			
		1745.0	23.22	22.23	20.88			
		1712.5	23.28	22.22	20.82			
	12RB_13	1777.5	22.25	21.28	19.87	23.0	22.0	21.0
		1745.0	22.24	21.16	19.91			
		1712.5	22.26	21.05	19.89			
	12RB_6	1777.5	22.26	21.27	19.85			
		1745.0	22.29	21.22	19.90			
		1712.5	22.29	21.17	19.92			
	12RB_0	1777.5	22.22	21.09	19.85			
		1745.0	22.28	21.14	19.84			
		1712.5	22.18	21.16	19.85			
	25RB_0	1777.5	22.24	21.19	19.82			
		1745.0	22.27	21.22	19.89			
		1712.5	22.18	21.26	19.85			

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Ant.1 - Power Level A2/B2/C2								
LTE Band 66			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	1775.0	23.17	22.21	20.87	**24.0**	**23.0**	**22.0**
		1745.0	23.18	22.27	20.94			
		1715.0	23.10	22.20	20.81			
	1RB_24	1775.0	23.24	22.20	20.93			
		1745.0	23.26	22.32	20.94			
		1715.0	23.22	22.35	20.95			
	1RB_0	1775.0	23.11	22.15	20.86			
		1745.0	23.20	22.20	20.85			
		1715.0	23.25	22.20	20.83			
	25RB_25	1775.0	22.22	21.25	19.90	**23.0**	**22.0**	**21.0**
		1745.0	22.27	21.16	19.95			
		1715.0	22.25	21.07	19.89			
	25RB_12	1775.0	22.30	21.26	19.86			
		1745.0	22.32	21.22	19.90			
		1715.0	22.31	21.20	19.95			
	25RB_0	1775.0	22.20	21.13	19.87			
		1745.0	22.24	21.16	19.88			
		1715.0	22.19	21.19	19.88			
	50RB_0	1775.0	22.21	21.15	19.85			
		1745.0	22.23	21.19	19.87			
		1715.0	22.16	21.24	19.83			

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Ant.1 - Power Level A2/B2/C2								
LTE Band 66			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15 MHz	1RB_74	1772.5	23.17	22.23	20.86	**24.0**	**23.0**	**22.0**
		1745.0	23.16	22.23	20.90			
		1717.5	23.11	22.22	20.82			
	1RB_37	1772.5	23.22	22.23	20.90			
		1745.0	23.28	22.35	20.98			
		1717.5	23.21	22.32	20.94			
	1RB_0	1772.5	23.13	22.18	20.84			
		1745.0	23.19	22.22	20.88			
		1717.5	23.22	22.23	20.83			
	36RB_38	1772.5	22.25	21.24	19.93	**23.0**	**22.0**	**21.0**
		1745.0	22.30	21.16	19.93			
		1717.5	22.22	21.10	19.91			
	36RB_19	1772.5	22.30	21.24	19.89			
		1745.0	22.33	21.20	19.92			
		1717.5	22.28	21.23	19.94			
	36RB_0	1772.5	22.16	21.13	19.90			
		1745.0	22.22	21.15	19.90			
		1717.5	22.23	21.16	19.91			
	75RB_0	1772.5	22.22	21.18	19.87			
		1745.0	22.19	21.23	19.89			
		1717.5	22.15	21.22	19.85			

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Ant.1 - Power Level A2/B2/C2								
LTE Band 66			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20 MHz	1RB_99	1770.0	23.16	22.23	20.89	24.0	23.0	22.0
		1745.0	23.17	22.26	20.88			
		1720.0	23.15	22.22	20.83			
	1RB_50	1770.0	23.23	22.24	20.91			
		1745.0	**23.28**	22.33	20.98			
		1720.0	23.25	22.34	20.97			
	1RB_0	1770.0	23.12	22.18	20.83			
		1745.0	23.17	22.25	20.90			
		1720.0	23.19	22.26	20.87			
	50RB_50	1770.0	22.28	21.22	19.96	23.0	22.0	21.0
		1745.0	22.26	21.19	19.94			
		1720.0	22.19	21.11	19.89			
	50RB_25	1770.0	22.28	21.25	19.91			
		1745.0	**22.29**	21.23	19.96			
		1720.0	22.27	21.19	19.92			
	50RB_0	1770.0	22.19	21.14	19.87			
		1745.0	22.25	21.18	19.90			
		1720.0	22.23	21.15	19.92			
	100RB_0	1770.0	22.21	21.18	19.89			
		1745.0	22.23	21.24	19.87			
		1720.0	22.18	21.19	19.85			

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LTE UP-Link Carrier Aggregation

The device supports Inter-band and Intra-band uplink LTE Carrier Aggregation, and the detail for CA list is described in chapter 11.2. The conducted power measurement results of Intra-band uplink CA are provided as follow.

Configure		CA List	Power Level A1/B1/C1													
			PCC						SCC						Power	
			LTE Band	BW (MHz)	UL Freq. (MHz)	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	UL Freq. (MHz)	Mod.	UL# RB	UL RB Offset	With CA Tx. Power (dBm)	Without CA Tx. Power (dBm)
Intra-Band	Contiguous	CA_5B	Band 5	10M	829.0	QPSK	1	0	Band 5	5M	836.2	QPSK	1	0	23.48	23.52

LTE Down-Link Carrier Aggregation

The measurement results of down-link LTE 2CA Conducted Power are as below:

Configure		CA List	PCC							SCC				Power	
			LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx. Power (dBm)	Without CA Tx. Power (dBm)
Inter-Band		CA_2A-5A	Band 2	20M	1880	18900	QPSK	1	50	Band 5	10M	881.5	2525	22.96	23.04
		CA_2A-12A	Band 2	20M	1880	18900	QPSK	1	50	Band 12	10M	737.5	5095	23.01	23.04
		CA_2A-14A	Band 2	20M	1880	18900	QPSK	1	50	Band 14	10M	763.0	5330	22.92	23.04
		CA_2A-29A	Band 2	20M	1880	18900	QPSK	1	50	Band 29	10M	722.5	9715	22.98	23.04
		CA_2A-66A	Band 2	20M	1880	18900	QPSK	1	50	Band 66	20M	2155.0	66886	23.02	23.04
		CA_5A-30A	Band 5	10M	829	20450	QPSK	1	49	Band 30	10M	2355.0	9820	23.47	23.52
		CA_5A-66A	Band 5	10M	829	20450	QPSK	1	49	Band 66	20M	2155.0	66886	23.42	23.52
		CA_12A-30A	Band 12	10M	704	23060	QPSK	1	49	Band 30	10M	2355.0	9820	23.49	23.52
		CA_12A-66A	Band 12	10M	704	23060	QPSK	1	49	Band 66	20M	2155.0	66886	23.46	23.52
		CA_14A-30A	Band 14	10M	793	23230	QPSK	1	24	Band 30	10M	2355.0	9820	23.50	23.54
		CA_14A-66A	Band 14	10M	793	23230	QPSK	1	24	Band 66	20M	2155.0	66886	23.51	23.54
		CA_29A-30A	Band 30	10M	782	23230	QPSK	1	49	Band 29	10M	722.5	9715	22.69	22.72
		CA_29A-66A	Band 66	20M	1745	132322	QPSK	1	50	Band 29	10M	722.5	9715	23.05	23.11
Intra-Band	Contiguous	CA_5B	Band 5	10M	829	20450	QPSK	1	49	Band 5	10M	883.9	2549	23.08	23.52
		CA_66B	Band 66	15M	1717.5	132047	QPSK	1	37	Band 66	5M	2121.8	66554	23.04	23.09
		CA_66C	Band 66	20M	1745	132322	QPSK	1	50	Band 66	20M	2174.8	67084	23.07	23.11
	Non-Contiguous	CA_66A-66A	Band 66	20M	1745	132322	QPSK	1	50	Band 66	5M	2197.5	67311	23.03	23.11

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10.3. NR Measurement result

Maximum power reduction (MPR) for power class 3

Modulation		MPR (dB)	
	Edge RB allocations	Outer RB allocations	Inner RB allocations
DFT-s-OFDM PI/2 BPSK	≤ 3.5[1]	≤ 1.2[1]	≤ 0.2[1]
	0.5[2]	0.5[2]	0[2]
DFT-s-OFDM QPSK	≤ 1		0
DFT-s-OFDM 16 QAM	≤ 2		≤ 1
DFT-s-OFDM 64 QAM	≤ 2.5		
DFT-s-OFDM 256 QAM	4.5		
CP-OFDM QPSK	≤ 3		≤ 1.5
CP-OFDM 16 QAM	≤ 3		≤ 2
CP-OFDM 64 QAM	≤ 3.5		
CP-OFDM 256 QAM	≤ 6.5		

NOTE 1: Applicable for UE operating in TDD mode with PI/2 BPSK modulation and UE indicates support for UE capability [*powerBoosting-pi2BPSK*] and if the IE *powerBoostPi2BPSK* is set to 1 and 40 % or less slots in radio frame are used for UL transmission for band n77. The reference power of 0 dB MPR is 26dBm.

NOTE 2: Applicable for UE operating in FDD mode, or in TDD mode in bands other than n77 and if the IE *powerBoostPi2BPSK* is set to 0 and if more than 40 % of slots in radio frame are used for UL transmission for band n77.

Note: For this device, NR n77 band support PC3 and PC2 mode with 100% duty cycle, so we choose high power PC2 mode to measure conducted power and SAR testing.

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Table 10.5: The conducted power measurement results NR

Power Level A2							
NR n2						Tune up: 24.0	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1907.5	381500	22.89
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1880.0	376000	**23.05**
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1852.5	370500	23.01
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	1900.0	380000	22.84
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	1880.0	376000	22.93
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	1860.0	372000	22.91
15	5	DFT-s-OFDM PI/2 BPSK	Inner_Full	12@6	1880.0	376000	23.03
15	5	DFT-s-OFDM 16QAM	Inner_Full	12@6	1880.0	376000	21.83
15	5	DFT-s-OFDM 64QAM	Inner_Full	12@6	1880.0	376000	20.33
15	5	DFT-s-OFDM 256QAM	Inner_Full	12@6	1880.0	376000	18.42
15	5	CP-OFDM QPSK	Inner_Full	13@6	1880.0	376000	21.33
15	5	CP-OFDM 16QAM	Inner_Full	13@6	1880.0	376000	20.92
15	5	CP-OFDM 64QAM	Inner_Full	13@6	1880.0	376000	19.33
15	5	CP-OFDM 256QAM	Inner_Full	13@6	1880.0	376000	16.32
15	5	DFT-s-OFDM QPSK	Edge_Full _Right	2@23	1880.0	376000	21.83
15	5	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	1880.0	376000	21.84
15	5	DFT-s-OFDM QPSK	Inner_1RB _Right	1@23	1880.0	376000	22.89
15	5	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	1880.0	376000	22.89
15	5	DFT-s-OFDM QPSK	Outer_Full	25@0	1880.0	376000	21.86
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	1880.0	376000	22.73
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	1880.0	376000	22.89

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Power Level B2							
NR n2						Tune up: 21.0	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1907.5	381500	19.75
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1880.0	376000	19.78
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1852.5	370500	19.73
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	1900.0	380000	19.56
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	1880.0	376000	19.63
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	1860.0	372000	19.68
15	5	DFT-s-OFDM PI/2 BPSK	Inner_Full	12@6	1880.0	376000	19.66
15	5	DFT-s-OFDM 16QAM	Inner_Full	12@6	1880.0	376000	19.43
15	5	DFT-s-OFDM 64QAM	Inner_Full	12@6	1880.0	376000	19.42
15	5	DFT-s-OFDM 256QAM	Inner_Full	12@6	1880.0	376000	18.33
15	5	CP-OFDM QPSK	Inner_Full	13@6	1880.0	376000	19.11
15	5	CP-OFDM 16QAM	Inner_Full	13@6	1880.0	376000	18.89
15	5	CP-OFDM 64QAM	Inner_Full	13@6	1880.0	376000	18.63
15	5	CP-OFDM 256QAM	Inner_Full	13@6	1880.0	376000	16.23
15	5	DFT-s-OFDM QPSK	Edge_Full _Right	2@23	1880.0	376000	18.57
15	5	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	1880.0	376000	18.68
15	5	DFT-s-OFDM QPSK	Inner_1RB _Right	1@23	1880.0	376000	19.21
15	5	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	1880.0	376000	19.22
15	5	DFT-s-OFDM QPSK	Outer_Full	25@0	1880.0	376000	18.99
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	1880.0	376000	19.53
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	1880.0	376000	19.61

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Power Level C2							
NR n2						Tune up: 23.0	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1907.5	381500	21.78
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1880.0	376000	21.82
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1852.5	370500	21.76
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	1900.0	380000	21.58
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	1880.0	376000	21.73
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	1860.0	372000	21.71
15	5	DFT-s-OFDM PI/2 BPSK	Inner_Full	12@6	1880.0	376000	21.65
15	5	DFT-s-OFDM 16QAM	Inner_Full	12@6	1880.0	376000	20.62
15	5	DFT-s-OFDM 64QAM	Inner_Full	12@6	1880.0	376000	20.11
15	5	DFT-s-OFDM 256QAM	Inner_Full	12@6	1880.0	376000	18.39
15	5	CP-OFDM QPSK	Inner_Full	13@6	1880.0	376000	21.55
15	5	CP-OFDM 16QAM	Inner_Full	13@6	1880.0	376000	20.18
15	5	CP-OFDM 64QAM	Inner_Full	13@6	1880.0	376000	18.74
15	5	CP-OFDM 256QAM	Inner_Full	13@6	1880.0	376000	16.23
15	5	DFT-s-OFDM QPSK	Edge_Full _Right	2@23	1880.0	376000	20.23
15	5	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	1880.0	376000	20.58
15	5	DFT-s-OFDM QPSK	Inner_1RB _Right	1@23	1880.0	376000	21.22
15	5	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	1880.0	376000	21.63
15	5	DFT-s-OFDM QPSK	Outer_Full	25@0	1880.0	376000	20.98
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	1880.0	376000	21.74
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	1880.0	376000	21.76

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Power Level A2/B2/C2							
NR n5						Tune up: 24.0	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	846.5	169300	23.07
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	836.5	167300	23.08
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	826.5	165300	23.11
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	839.0	167800	23.11
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	836.5	167300	23.18
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	834.0	166800	23.09
15	20	DFT-s-OFDM PI/2 BPSK	Inner_Full	50@25	836.5	167300	23.15
15	20	DFT-s-OFDM 16QAM	Inner_Full	50@25	836.5	167300	22.03
15	20	DFT-s-OFDM 64QAM	Inner_Full	50@25	836.5	167300	20.51
15	20	DFT-s-OFDM 256QAM	Inner_Full	50@25	836.5	167300	18.63
15	20	CP-OFDM QPSK	Inner_Full	53@26	836.5	167300	21.51
15	20	CP-OFDM 16QAM	Inner_Full	53@26	836.5	167300	20.93
15	20	CP-OFDM 64QAM	Inner_Full	53@26	836.5	167300	19.41
15	20	CP-OFDM 256QAM	Inner_Full	53@26	836.5	167300	16.46
15	20	DFT-s-OFDM QPSK	Edge_Full _Right	2@104	836.5	167300	21.93
15	20	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	836.5	167300	21.93
15	20	DFT-s-OFDM QPSK	Inner_1RB _Right	1@104	836.5	167300	22.91
15	20	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	836.5	167300	22.93
15	20	DFT-s-OFDM QPSK	Outer_Full	100@0	836.5	167300	22.01
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	836.5	167300	22.98
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	836.5	167300	23.09

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Power Level A2							
NR n30						Tune up: 24.0	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2312.5	462500	22.49
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2310.0	462000	22.53
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2307.5	461500	22.43
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	2310.0	462000	22.36
15	5	DFT-s-OFDM PI/2 BPSK	Inner_Full	12@6	2310.0	462000	22.52
15	5	DFT-s-OFDM 16QAM	Inner_Full	12@6	2310.0	462000	21.47
15	5	DFT-s-OFDM 64QAM	Inner_Full	12@6	2310.0	462000	19.93
15	5	DFT-s-OFDM 256QAM	Inner_Full	12@6	2310.0	462000	18.00
15	5	CP-OFDM QPSK	Inner_Full	13@6	2310.0	462000	20.93
15	5	CP-OFDM 16QAM	Inner_Full	13@6	2310.0	462000	20.48
15	5	CP-OFDM 64QAM	Inner_Full	13@6	2310.0	462000	18.93
15	5	CP-OFDM 256QAM	Inner_Full	13@6	2310.0	462000	15.89
15	5	DFT-s-OFDM QPSK	Edge_Full _Right	2@23	2310.0	462000	21.45
15	5	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	2310.0	462000	21.43
15	5	DFT-s-OFDM QPSK	Inner_1RB _Right	1@23	2310.0	462000	22.41
15	5	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	2310.0	462000	22.37
15	5	DFT-s-OFDM QPSK	Outer_Full	25@0	2310.0	462000	21.55

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Power Level B2							
NR n30						Tune up: 17.5	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2312.5	462500	16.15
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2310.0	462000	16.17
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2307.5	461500	16.16
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	2310.0	462000	16.12
15	5	DFT-s-OFDM PI/2 BPSK	Inner_Full	12@6	2310.0	462000	16.13
15	5	DFT-s-OFDM 16QAM	Inner_Full	12@6	2310.0	462000	16.11
15	5	DFT-s-OFDM 64QAM	Inner_Full	12@6	2310.0	462000	16.15
15	5	DFT-s-OFDM 256QAM	Inner_Full	12@6	2310.0	462000	16.04
15	5	CP-OFDM QPSK	Inner_Full	13@6	2310.0	462000	16.08
15	5	CP-OFDM 16QAM	Inner_Full	13@6	2310.0	462000	16.05
15	5	CP-OFDM 64QAM	Inner_Full	13@6	2310.0	462000	16.02
15	5	CP-OFDM 256QAM	Inner_Full	13@6	2310.0	462000	15.83
15	5	DFT-s-OFDM QPSK	Edge_Full _Right	2@23	2310.0	462000	15.97
15	5	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	2310.0	462000	15.92
15	5	DFT-s-OFDM QPSK	Inner_1RB _Right	1@23	2310.0	462000	16.05
15	5	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	2310.0	462000	16.03
15	5	DFT-s-OFDM QPSK	Outer_Full	25@0	2310.0	462000	16.02

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Power Level C2							
NR n30						Tune up: 19.0	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2312.5	462500	17.61
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2310.0	462000	17.66
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2307.5	461500	17.63
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	2310.0	462000	17.58
15	5	DFT-s-OFDM PI/2 BPSK	Inner_Full	12@6	2310.0	462000	17.56
15	5	DFT-s-OFDM 16QAM	Inner_Full	12@6	2310.0	462000	17.42
15	5	DFT-s-OFDM 64QAM	Inner_Full	12@6	2310.0	462000	17.43
15	5	DFT-s-OFDM 256QAM	Inner_Full	12@6	2310.0	462000	16.11
15	5	CP-OFDM QPSK	Inner_Full	13@6	2310.0	462000	17.31
15	5	CP-OFDM 16QAM	Inner_Full	13@6	2310.0	462000	17.26
15	5	CP-OFDM 64QAM	Inner_Full	13@6	2310.0	462000	16.84
15	5	CP-OFDM 256QAM	Inner_Full	13@6	2310.0	462000	15.81
15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2@23	2310.0	462000	17.22
15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2310.0	462000	17.18
15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1@23	2310.0	462000	17.45
15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	2310.0	462000	17.43
15	5	DFT-s-OFDM QPSK	Outer_Full	25@0	2310.0	462000	17.02

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Power Level A2							
NR n66						Tune up: 24.0	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1712.5	342500	22.54
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1742.5	348500	22.55
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1772.5	354500	22.53
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1760.0	352000	22.58
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1745.0	349000	22.61
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1730.0	346000	22.56
15	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	108@54	1745.0	349000	22.59
15	40	DFT-s-OFDM 16QAM	Inner_Full	108@54	1745.0	349000	21.52
15	40	DFT-s-OFDM 64QAM	Inner_Full	108@54	1745.0	349000	20.08
15	40	DFT-s-OFDM 256QAM	Inner_Full	108@54	1745.0	349000	17.97
15	40	CP-OFDM QPSK	Inner_Full	108@54	1745.0	349000	21.05
15	40	CP-OFDM 16QAM	Inner_Full	108@54	1745.0	349000	20.51
15	40	CP-OFDM 64QAM	Inner_Full	108@54	1745.0	349000	19.01
15	40	CP-OFDM 256QAM	Inner_Full	108@54	1745.0	349000	15.99
15	40	DFT-s-OFDM QPSK	Edge_Full _Right	2@214	1745.0	349000	21.02
15	40	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	1745.0	349000	20.99
15	40	DFT-s-OFDM QPSK	Inner_1RB _Right	1@214	1745.0	349000	21.94
15	40	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	1745.0	349000	21.96
15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	1745.0	349000	21.36
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	1745.0	349000	22.38
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	1745.0	349000	22.59
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	1745.0	349000	22.59
15	25	DFT-s-OFDM QPSK	Inner_Full	64@32	1745.0	349000	22.59

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Power Level B2							
NR n66						Tune up: 20.0	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1712.5	342500	18.37
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1742.5	348500	18.34
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1772.5	354500	18.33
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1760.0	352000	18.39
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1745.0	349000	**18.42**
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1730.0	346000	18.41
15	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	108@54	1745.0	349000	18.36
15	40	DFT-s-OFDM 16QAM	Inner_Full	108@54	1745.0	349000	18.31
15	40	DFT-s-OFDM 64QAM	Inner_Full	108@54	1745.0	349000	18.26
15	40	DFT-s-OFDM 256QAM	Inner_Full	108@54	1745.0	349000	17.91
15	40	CP-OFDM QPSK	Inner_Full	108@54	1745.0	349000	18.22
15	40	CP-OFDM 16QAM	Inner_Full	108@54	1745.0	349000	18.16
15	40	CP-OFDM 64QAM	Inner_Full	108@54	1745.0	349000	16.95
15	40	CP-OFDM 256QAM	Inner_Full	108@54	1745.0	349000	15.82
15	40	DFT-s-OFDM QPSK	Edge_Full _Right	2@214	1745.0	349000	17.96
15	40	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	1745.0	349000	17.89
15	40	DFT-s-OFDM QPSK	Inner_1RB _Right	1@214	1745.0	349000	18.24
15	40	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	1745.0	349000	18.32
15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	1745.0	349000	18.15
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	1745.0	349000	18.31
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	1745.0	349000	18.36
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	1745.0	349000	18.32
15	25	DFT-s-OFDM QPSK	Inner_Full	64@32	1745.0	349000	18.29

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Power Level C2							
NR n66						Tune up: 21.0	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1712.5	342500	19.28
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1742.5	348500	19.34
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1772.5	354500	19.26
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1760.0	352000	19.33
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1745.0	349000	**19.38**
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1730.0	346000	19.34
15	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	108@54	1745.0	349000	19.27
15	40	DFT-s-OFDM 16QAM	Inner_Full	108@54	1745.0	349000	19.31
15	40	DFT-s-OFDM 64QAM	Inner_Full	108@54	1745.0	349000	18.89
15	40	DFT-s-OFDM 256QAM	Inner_Full	108@54	1745.0	349000	17.96
15	40	CP-OFDM QPSK	Inner_Full	108@54	1745.0	349000	19.15
15	40	CP-OFDM 16QAM	Inner_Full	108@54	1745.0	349000	18.96
15	40	CP-OFDM 64QAM	Inner_Full	108@54	1745.0	349000	18.64
15	40	CP-OFDM 256QAM	Inner_Full	108@54	1745.0	349000	15.87
15	40	DFT-s-OFDM QPSK	Edge_Full _Right	2@214	1745.0	349000	18.73
15	40	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	1745.0	349000	18.75
15	40	DFT-s-OFDM QPSK	Inner_1RB _Right	1@214	1745.0	349000	19.11
15	40	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	1745.0	349000	19.18
15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	1745.0	349000	18.92
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	1745.0	349000	19.26
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	1745.0	349000	19.25
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	1745.0	349000	19.28
15	25	DFT-s-OFDM QPSK	Inner_Full	64@32	1745.0	349000	19.28

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Ant.6 - Power Level A2							
NR n77 PC2 Part 27Q							Tune up: 15.0
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3535.02	635668	13.74
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3500.01	633334	13.77
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3465.00	631000	13.74
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3500.01	633334	13.82
30	100	DFT-s-OFDM PI/2 BPSK	Inner_Full	135@67	3500.01	633334	13.76
30	100	DFT-s-OFDM 16QAM	Inner_Full	135@67	3500.01	633334	13.75
30	100	DFT-s-OFDM 64QAM	Inner_Full	135@67	3500.01	633334	13.76
30	100	DFT-s-OFDM 256QAM	Inner_Full	135@67	3500.01	633334	13.58
30	100	CP-OFDM QPSK	Inner_Full	135@67	3500.01	633334	13.74
30	100	CP-OFDM 16QAM	Inner_Full	135@67	3500.01	633334	13.72
30	100	CP-OFDM 64QAM	Inner_Full	135@67	3500.01	633334	13.73
30	100	CP-OFDM 256QAM	Inner_Full	135@67	3500.01	633334	13.54
30	100	DFT-s-OFDM QPSK	Edge_Full _Right	2@271	3500.01	633334	13.76
30	100	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	3500.01	633334	13.78
30	100	DFT-s-OFDM QPSK	Inner_1RB _Right	1@271	3500.01	633334	13.73
30	100	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	3500.01	633334	13.72
30	100	DFT-s-OFDM QPSK	Outer_Full	270@0	3500.01	633334	13.77
30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	3500.01	633334	13.56
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3500.01	633334	13.71
30	25	DFT-s-OFDM QPSK	Inner_Full	32@16	3500.01	633334	13.62
30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	3500.01	633334	13.69
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	3500.01	633334	13.76
30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	3500.01	633334	13.75
30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	3500.01	633334	13.54
30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	3500.01	633334	13.61
30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	3500.01	633334	13.68

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Ant.6 - Power Level B2/C2							
NR n77 PC2 Part 27Q						Tune up: 19.0	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3535.02	635668	17.74
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3500.01	633334	17.78
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3465.00	631000	17.81
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3500.01	633334	17.99
30	100	DFT-s-OFDM PI/2 BPSK	Inner_Full	135@67	3500.01	633334	17.73
30	100	DFT-s-OFDM 16QAM	Inner_Full	135@67	3500.01	633334	17.75
30	100	DFT-s-OFDM 64QAM	Inner_Full	135@67	3500.01	633334	17.77
30	100	DFT-s-OFDM 256QAM	Inner_Full	135@67	3500.01	633334	17.69
30	100	CP-OFDM QPSK	Inner_Full	135@67	3500.01	633334	17.75
30	100	CP-OFDM 16QAM	Inner_Full	135@67	3500.01	633334	17.78
30	100	CP-OFDM 64QAM	Inner_Full	135@67	3500.01	633334	17.72
30	100	CP-OFDM 256QAM	Inner_Full	135@67	3500.01	633334	17.61
30	100	DFT-s-OFDM QPSK	Edge_Full _Right	2@271	3500.01	633334	17.74
30	100	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	3500.01	633334	17.73
30	100	DFT-s-OFDM QPSK	Inner_1RB _Right	1@271	3500.01	633334	17.75
30	100	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	3500.01	633334	17.78
30	100	DFT-s-OFDM QPSK	Outer_Full	270@0	3500.01	633334	17.72
30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	3500.01	633334	17.79
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3500.01	633334	17.75
30	25	DFT-s-OFDM QPSK	Inner_Full	32@16	3500.01	633334	17.82
30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	3500.01	633334	17.81
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	3500.01	633334	17.78
30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	3500.01	633334	17.75
30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	3500.01	633334	17.75
30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	3500.01	633334	17.79
30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	3500.01	633334	17.81

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Ant.4 - Power Level A2							
NR n77 PC2 Part 27Q						Tune up: 20.0	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3535.02	635668	18.74
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3500.01	633334	18.81
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3465.00	631000	18.69
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3500.01	633334	**18.95**
30	100	DFT-s-OFDM PI/2 BPSK	Inner_Full	135@67	3500.01	633334	18.81
30	100	DFT-s-OFDM 16QAM	Inner_Full	135@67	3500.01	633334	18.82
30	100	DFT-s-OFDM 64QAM	Inner_Full	135@67	3500.01	633334	18.77
30	100	DFT-s-OFDM 256QAM	Inner_Full	135@67	3500.01	633334	18.68
30	100	CP-OFDM QPSK	Inner_Full	135@67	3500.01	633334	18.77
30	100	CP-OFDM 16QAM	Inner_Full	135@67	3500.01	633334	18.76
30	100	CP-OFDM 64QAM	Inner_Full	135@67	3500.01	633334	18.79
30	100	CP-OFDM 256QAM	Inner_Full	135@67	3500.01	633334	18.61
30	100	DFT-s-OFDM QPSK	Edge_Full _Right	2@271	3500.01	633334	18.76
30	100	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	3500.01	633334	18.77
30	100	DFT-s-OFDM QPSK	Inner_1RB _Right	1@271	3500.01	633334	18.77
30	100	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	3500.01	633334	18.78
30	100	DFT-s-OFDM QPSK	Outer_Full	270@0	3500.01	633334	18.64
30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	3500.01	633334	18.76
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3500.01	633334	18.76
30	25	DFT-s-OFDM QPSK	Inner_Full	32@16	3500.01	633334	18.81
30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	3500.01	633334	18.70
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	3500.01	633334	18.72
30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	3500.01	633334	18.69
30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	3500.01	633334	18.78
30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	3500.01	633334	18.75
30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	3500.01	633334	18.83

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Ant.4 - Power Level B2							
NR n77 PC2 Part 27Q						Tune up: 19.5	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3535.02	635668	18.44
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3500.01	633334	18.49
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3465.00	631000	18.44
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3500.01	633334	18.52
30	100	DFT-s-OFDM PI/2 BPSK	Inner_Full	135@67	3500.01	633334	18.44
30	100	DFT-s-OFDM 16QAM	Inner_Full	135@67	3500.01	633334	18.46
30	100	DFT-s-OFDM 64QAM	Inner_Full	135@67	3500.01	633334	18.39
30	100	DFT-s-OFDM 256QAM	Inner_Full	135@67	3500.01	633334	18.34
30	100	CP-OFDM QPSK	Inner_Full	135@67	3500.01	633334	18.35
30	100	CP-OFDM 16QAM	Inner_Full	135@67	3500.01	633334	18.36
30	100	CP-OFDM 64QAM	Inner_Full	135@67	3500.01	633334	18.27
30	100	CP-OFDM 256QAM	Inner_Full	135@67	3500.01	633334	18.25
30	100	DFT-s-OFDM QPSK	Edge_Full _Right	2@271	3500.01	633334	18.38
30	100	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	3500.01	633334	18.27
30	100	DFT-s-OFDM QPSK	Inner_1RB _Right	1@271	3500.01	633334	18.33
30	100	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	3500.01	633334	18.33
30	100	DFT-s-OFDM QPSK	Outer_Full	270@0	3500.01	633334	18.27
30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	3500.01	633334	18.48
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3500.01	633334	18.42
30	25	DFT-s-OFDM QPSK	Inner_Full	32@16	3500.01	633334	18.48
30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	3500.01	633334	18.42
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	3500.01	633334	18.47
30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	3500.01	633334	18.41
30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	3500.01	633334	18.50
30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	3500.01	633334	18.41
30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	3500.01	633334	18.47

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Ant.4 - Power Level C2							
NR n77 PC2 Part 27Q						Tune up: 21.0	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3535.02	635668	19.56
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3500.01	633334	19.72
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3465.00	631000	19.54
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3500.01	633334	**19.86**
30	100	DFT-s-OFDM PI/2 BPSK	Inner_Full	135@67	3500.01	633334	19.59
30	100	DFT-s-OFDM 16QAM	Inner_Full	135@67	3500.01	633334	19.59
30	100	DFT-s-OFDM 64QAM	Inner_Full	135@67	3500.01	633334	19.60
30	100	DFT-s-OFDM 256QAM	Inner_Full	135@67	3500.01	633334	19.84
30	100	CP-OFDM QPSK	Inner_Full	135@67	3500.01	633334	19.69
30	100	CP-OFDM 16QAM	Inner_Full	135@67	3500.01	633334	19.65
30	100	CP-OFDM 64QAM	Inner_Full	135@67	3500.01	633334	19.66
30	100	CP-OFDM 256QAM	Inner_Full	135@67	3500.01	633334	18.81
30	100	DFT-s-OFDM QPSK	Edge_Full _Right	2@271	3500.01	633334	19.67
30	100	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	3500.01	633334	19.62
30	100	DFT-s-OFDM QPSK	Inner_1RB _Right	1@271	3500.01	633334	19.60
30	100	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	3500.01	633334	19.59
30	100	DFT-s-OFDM QPSK	Outer_Full	270@0	3500.01	633334	19.54
30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	3500.01	633334	19.66
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3500.01	633334	19.68
30	25	DFT-s-OFDM QPSK	Inner_Full	32@16	3500.01	633334	19.55
30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	3500.01	633334	19.53
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	3500.01	633334	19.72
30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	3500.01	633334	19.69
30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	3500.01	633334	19.69
30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	3500.01	633334	19.54
30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	3500.01	633334	19.70

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Ant.3 - Power Level A2							
NR n77 PC2 Part 27Q						Tune up: 22.5	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3535.02	635668	21.39
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3500.01	633334	21.44
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3465.00	631000	21.42
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3500.01	633334	**21.45**
30	100	DFT-s-OFDM PI/2 BPSK	Inner_Full	135@67	3500.01	633334	21.43
30	100	DFT-s-OFDM 16QAM	Inner_Full	135@67	3500.01	633334	21.41
30	100	DFT-s-OFDM 64QAM	Inner_Full	135@67	3500.01	633334	21.43
30	100	DFT-s-OFDM 256QAM	Inner_Full	135@67	3500.01	633334	20.43
30	100	CP-OFDM QPSK	Inner_Full	135@67	3500.01	633334	21.42
30	100	CP-OFDM 16QAM	Inner_Full	135@67	3500.01	633334	21.41
30	100	CP-OFDM 64QAM	Inner_Full	135@67	3500.01	633334	21.38
30	100	CP-OFDM 256QAM	Inner_Full	135@67	3500.01	633334	18.39
30	100	DFT-s-OFDM QPSK	Edge_Full _Right	2@271	3500.01	633334	20.71
30	100	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	3500.01	633334	20.64
30	100	DFT-s-OFDM QPSK	Inner_1RB _Right	1@271	3500.01	633334	20.75
30	100	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	3500.01	633334	20.63
30	100	DFT-s-OFDM QPSK	Outer_Full	270@0	3500.01	633334	21.32
30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	3500.01	633334	21.22
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3500.01	633334	21.23
30	25	DFT-s-OFDM QPSK	Inner_Full	32@16	3500.01	633334	21.14
30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	3500.01	633334	21.33
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	3500.01	633334	21.17
30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	3500.01	633334	21.28
30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	3500.01	633334	21.23
30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	3500.01	633334	21.35
30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	3500.01	633334	21.35

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Ant.3 - Power Level B2							
NR n77 PC2 Part 27Q						Tune up: 25.5	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3535.02	635668	24.33
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3500.01	633334	24.41
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3465.00	631000	24.37
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3500.01	633334	24.47
30	100	DFT-s-OFDM PI/2 BPSK	Inner_Full	135@67	3500.01	633334	24.43
30	100	DFT-s-OFDM 16QAM	Inner_Full	135@67	3500.01	633334	23.38
30	100	DFT-s-OFDM 64QAM	Inner_Full	135@67	3500.01	633334	22.04
30	100	DFT-s-OFDM 256QAM	Inner_Full	135@67	3500.01	633334	20.45
30	100	CP-OFDM QPSK	Inner_Full	135@67	3500.01	633334	22.87
30	100	CP-OFDM 16QAM	Inner_Full	135@67	3500.01	633334	22.35
30	100	CP-OFDM 64QAM	Inner_Full	135@67	3500.01	633334	20.74
30	100	CP-OFDM 256QAM	Inner_Full	135@67	3500.01	633334	18.39
30	100	DFT-s-OFDM QPSK	Edge_Full _Right	2@271	3500.01	633334	20.12
30	100	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	3500.01	633334	20.16
30	100	DFT-s-OFDM QPSK	Inner_1RB _Right	1@271	3500.01	633334	23.57
30	100	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	3500.01	633334	23.22
30	100	DFT-s-OFDM QPSK	Outer_Full	270@0	3500.01	633334	23.14
30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	3500.01	633334	24.28
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3500.01	633334	24.18
30	25	DFT-s-OFDM QPSK	Inner_Full	32@16	3500.01	633334	24.29
30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	3500.01	633334	24.39
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	3500.01	633334	24.34
30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	3500.01	633334	24.25
30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	3500.01	633334	24.28
30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	3500.01	633334	24.33
30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	3500.01	633334	24.42

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Ant.3 - Power Level C2							
NR n77 PC2 Part 27Q						Tune up: 26.0	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3535.02	635668	24.83
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3500.01	633334	24.94
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3465.00	631000	25.00
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3500.01	633334	25.01
30	100	DFT-s-OFDM PI/2 BPSK	Inner_Full	135@67	3500.01	633334	24.94
30	100	DFT-s-OFDM 16QAM	Inner_Full	135@67	3500.01	633334	23.97
30	100	DFT-s-OFDM 64QAM	Inner_Full	135@67	3500.01	633334	22.48
30	100	DFT-s-OFDM 256QAM	Inner_Full	135@67	3500.01	633334	20.46
30	100	CP-OFDM QPSK	Inner_Full	135@67	3500.01	633334	23.41
30	100	CP-OFDM 16QAM	Inner_Full	135@67	3500.01	633334	22.94
30	100	CP-OFDM 64QAM	Inner_Full	135@67	3500.01	633334	21.39
30	100	CP-OFDM 256QAM	Inner_Full	135@67	3500.01	633334	18.41
30	100	DFT-s-OFDM QPSK	Edge_Full _Right	2@271	3500.01	633334	20.55
30	100	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	3500.01	633334	20.59
30	100	DFT-s-OFDM QPSK	Inner_1RB _Right	1@271	3500.01	633334	24.13
30	100	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	3500.01	633334	23.65
30	100	DFT-s-OFDM QPSK	Outer_Full	270@0	3500.01	633334	23.73
30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	3500.01	633334	24.23
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3500.01	633334	24.02
30	25	DFT-s-OFDM QPSK	Inner_Full	32@16	3500.01	633334	24.88
30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	3500.01	633334	24.92
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	3500.01	633334	24.88
30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	3500.01	633334	24.91
30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	3500.01	633334	24.89
30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	3500.01	633334	24.93
30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	3500.01	633334	24.91

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Ant.2 - Power Level A2							
NR n77 PC2 Part 27Q						Tune up: 21.5	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3535.02	635668	20.11
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3500.01	633334	20.25
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3465.00	631000	20.15
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3500.01	633334	20.26
30	100	DFT-s-OFDM PI/2 BPSK	Inner_Full	135@67	3500.01	633334	20.14
30	100	DFT-s-OFDM 16QAM	Inner_Full	135@67	3500.01	633334	20.12
30	100	DFT-s-OFDM 64QAM	Inner_Full	135@67	3500.01	633334	20.15
30	100	DFT-s-OFDM 256QAM	Inner_Full	135@67	3500.01	633334	20.17
30	100	CP-OFDM QPSK	Inner_Full	135@67	3500.01	633334	20.09
30	100	CP-OFDM 16QAM	Inner_Full	135@67	3500.01	633334	20.08
30	100	CP-OFDM 64QAM	Inner_Full	135@67	3500.01	633334	20.07
30	100	CP-OFDM 256QAM	Inner_Full	135@67	3500.01	633334	18.62
30	100	DFT-s-OFDM QPSK	Edge_Full _Right	2@271	3500.01	633334	19.81
30	100	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	3500.01	633334	19.87
30	100	DFT-s-OFDM QPSK	Inner_1RB _Right	1@271	3500.01	633334	19.99
30	100	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	3500.01	633334	19.96
30	100	DFT-s-OFDM QPSK	Outer_Full	270@0	3500.01	633334	19.91
30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	3500.01	633334	20.15
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3500.01	633334	20.13
30	25	DFT-s-OFDM QPSK	Inner_Full	32@16	3500.01	633334	20.14
30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	3500.01	633334	19.99
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	3500.01	633334	20.15
30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	3500.01	633334	20.01
30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	3500.01	633334	20.19
30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	3500.01	633334	20.09
30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	3500.01	633334	20.15

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Ant.2 - Power Level B2							
NR n77 PC2 Part 27Q						Tune up: 17.5	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3535.02	635668	16.11
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3500.01	633334	16.21
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3465.00	631000	16.20
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3500.01	633334	16.22
30	100	DFT-s-OFDM PI/2 BPSK	Inner_Full	135@67	3500.01	633334	16.19
30	100	DFT-s-OFDM 16QAM	Inner_Full	135@67	3500.01	633334	16.18
30	100	DFT-s-OFDM 64QAM	Inner_Full	135@67	3500.01	633334	16.13
30	100	DFT-s-OFDM 256QAM	Inner_Full	135@67	3500.01	633334	16.11
30	100	CP-OFDM QPSK	Inner_Full	135@67	3500.01	633334	16.12
30	100	CP-OFDM 16QAM	Inner_Full	135@67	3500.01	633334	16.13
30	100	CP-OFDM 64QAM	Inner_Full	135@67	3500.01	633334	16.11
30	100	CP-OFDM 256QAM	Inner_Full	135@67	3500.01	633334	16.08
30	100	DFT-s-OFDM QPSK	Edge_Full _Right	2@271	3500.01	633334	16.09
30	100	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	3500.01	633334	16.13
30	100	DFT-s-OFDM QPSK	Inner_1RB _Right	1@271	3500.01	633334	16.18
30	100	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	3500.01	633334	16.15
30	100	DFT-s-OFDM QPSK	Outer_Full	270@0	3500.01	633334	16.14
30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	3500.01	633334	16.18
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3500.01	633334	16.16
30	25	DFT-s-OFDM QPSK	Inner_Full	32@16	3500.01	633334	16.14
30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	3500.01	633334	16.11
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	3500.01	633334	16.15
30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	3500.01	633334	16.16
30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	3500.01	633334	16.11
30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	3500.01	633334	16.20
30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	3500.01	633334	16.18

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Ant.2 - Power Level C2							
NR n77 PC2 Part 27Q						Tune up: 19.5	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3535.02	635668	18.15
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3500.01	633334	18.21
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3465.00	631000	18.18
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3500.01	633334	18.23
30	100	DFT-s-OFDM PI/2 BPSK	Inner_Full	135@67	3500.01	633334	18.16
30	100	DFT-s-OFDM 16QAM	Inner_Full	135@67	3500.01	633334	18.15
30	100	DFT-s-OFDM 64QAM	Inner_Full	135@67	3500.01	633334	18.13
30	100	DFT-s-OFDM 256QAM	Inner_Full	135@67	3500.01	633334	18.17
30	100	CP-OFDM QPSK	Inner_Full	135@67	3500.01	633334	18.11
30	100	CP-OFDM 16QAM	Inner_Full	135@67	3500.01	633334	18.15
30	100	CP-OFDM 64QAM	Inner_Full	135@67	3500.01	633334	18.10
30	100	CP-OFDM 256QAM	Inner_Full	135@67	3500.01	633334	18.09
30	100	DFT-s-OFDM QPSK	Edge_Full _Right	2@271	3500.01	633334	18.14
30	100	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	3500.01	633334	18.17
30	100	DFT-s-OFDM QPSK	Inner_1RB _Right	1@271	3500.01	633334	18.16
30	100	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	3500.01	633334	18.13
30	100	DFT-s-OFDM QPSK	Outer_Full	270@0	3500.01	633334	18.15
30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	3500.01	633334	18.21
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3500.01	633334	18.19
30	25	DFT-s-OFDM QPSK	Inner_Full	32@16	3500.01	633334	18.14
30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	3500.01	633334	18.15
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	3500.01	633334	18.16
30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	3500.01	633334	18.11
30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	3500.01	633334	18.09
30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	3500.01	633334	18.22
30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	3500.01	633334	18.21

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Ant.6 - Power Level A2							
NR n77 PC2 Part 27O						Tune up: 15.0	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3975.02	665001	14.03
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3840.00	656000	14.09
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3705.01	467007	14.06
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3930.00	662000	13.82
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3840.00	656000	**14.14**
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3750.00	650000	14.01
30	100	DFT-s-OFDM PI/2 BPSK1	Inner_Full	135@67	3840.00	656000	14.05
30	100	DFT-s-OFDM 16QAM	Inner_Full	135@67	3840.00	656000	14.01
30	100	DFT-s-OFDM 64QAM	Inner_Full	135@67	3840.00	656000	14.07
30	100	DFT-s-OFDM 256QAM	Inner_Full	135@67	3840.00	656000	13.99
30	100	CP-OFDM QPSK	Inner_Full	135@67	3840.00	656000	14.02
30	100	CP-OFDM 16QAM	Inner_Full	135@67	3840.00	656000	14.01
30	100	CP-OFDM 64QAM	Inner_Full	135@67	3840.00	656000	13.98
30	100	CP-OFDM 256QAM	Inner_Full	135@67	3840.00	656000	13.87
30	100	DFT-s-OFDM QPSK	Edge_Full _Right	2@271	3840.00	656000	14.01
30	100	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	3840.00	656000	13.96
30	100	DFT-s-OFDM QPSK	Inner_1RB _Right	1@271	3840.00	656000	14.08
30	100	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	3840.00	656000	14.08
30	100	DFT-s-OFDM QPSK	Outer_Full	270@0	3840.00	656000	13.94
30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	3840.00	656000	13.94
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3840.00	656000	14.04
30	25	DFT-s-OFDM QPSK	Inner_Full	32@16	3840.00	656000	14.03
30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	3840.00	656000	14.04
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	3840.00	656000	13.94
30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	3840.00	656000	13.99
30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	3840.00	656000	13.98
30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	3840.00	656000	14.13
30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	3840.00	656000	14.05

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Ant.6 - Power Level B2/C2							
NR n77 PC2 Part 27O						Tune up: 20.0	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3975.02	665001	18.91
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3840.00	656000	19.09
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3705.01	467007	18.83
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3930.00	662000	18.84
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3840.00	656000	19.13
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3750.00	650000	18.99
30	100	DFT-s-OFDM PI/2 BPSK1	Inner_Full	135@67	3840.00	656000	19.03
30	100	DFT-s-OFDM 16QAM	Inner_Full	135@67	3840.00	656000	19.05
30	100	DFT-s-OFDM 64QAM	Inner_Full	135@67	3840.00	656000	19.08
30	100	DFT-s-OFDM 256QAM	Inner_Full	135@67	3840.00	656000	19.09
30	100	CP-OFDM QPSK	Inner_Full	135@67	3840.00	656000	18.97
30	100	CP-OFDM 16QAM	Inner_Full	135@67	3840.00	656000	19.05
30	100	CP-OFDM 64QAM	Inner_Full	135@67	3840.00	656000	18.92
30	100	CP-OFDM 256QAM	Inner_Full	135@67	3840.00	656000	18.86
30	100	DFT-s-OFDM QPSK	Edge_Full _Right	2@271	3840.00	656000	19.03
30	100	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	3840.00	656000	19.06
30	100	DFT-s-OFDM QPSK	Inner_1RB _Right	1@271	3840.00	656000	18.88
30	100	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	3840.00	656000	18.92
30	100	DFT-s-OFDM QPSK	Outer_Full	270@0	3840.00	656000	19.03
30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	3840.00	656000	18.95
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3840.00	656000	18.88
30	25	DFT-s-OFDM QPSK	Inner_Full	32@16	3840.00	656000	19.06
30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	3840.00	656000	18.98
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	3840.00	656000	18.92
30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	3840.00	656000	18.96
30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	3840.00	656000	18.92
30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	3840.00	656000	18.91
30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	3840.00	656000	18.91

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Ant.4 - Power Level A2/B2/C2							
NR n77 PC2 Part 27O						Tune up: 25.0	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3975.02	665001	23.22
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3840.00	656000	23.33
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3705.01	467007	23.35
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3930.00	662000	23.14
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3840.00	656000	**23.36**
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3750.00	650000	23.35
30	100	DFT-s-OFDM PI/2 BPSK1	Inner_Full	135@67	3840.00	656000	23.14
30	100	DFT-s-OFDM 16QAM	Inner_Full	135@67	3840.00	656000	23.02
30	100	DFT-s-OFDM 64QAM	Inner_Full	135@67	3840.00	656000	22.48
30	100	DFT-s-OFDM 256QAM	Inner_Full	135@67	3840.00	656000	20.52
30	100	CP-OFDM QPSK	Inner_Full	135@67	3840.00	656000	22.98
30	100	CP-OFDM 16QAM	Inner_Full	135@67	3840.00	656000	23.06
30	100	CP-OFDM 64QAM	Inner_Full	135@67	3840.00	656000	21.44
30	100	CP-OFDM 256QAM	Inner_Full	135@67	3840.00	656000	18.45
30	100	DFT-s-OFDM QPSK	Edge_Full _Right	2@271	3840.00	656000	20.47
30	100	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	3840.00	656000	21.12
30	100	DFT-s-OFDM QPSK	Inner_1RB _Right	1@271	3840.00	656000	21.97
30	100	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	3840.00	656000	22.64
30	100	DFT-s-OFDM QPSK	Outer_Full	270@0	3840.00	656000	22.86
30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	3840.00	656000	23.09
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3840.00	656000	22.96
30	25	DFT-s-OFDM QPSK	Inner_Full	32@16	3840.00	656000	22.97
30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	3840.00	656000	23.02
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	3840.00	656000	22.99
30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	3840.00	656000	23.03
30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	3840.00	656000	22.97
30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	3840.00	656000	23.01
30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	3840.00	656000	23.04

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Ant.3 - Power Level A2							
NR n77 PC2 Part 27O						Tune up: 18.5	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3975.00	665000	**17.92**
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3840.00	656000	17.44
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3705.00	647000	17.43
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3930.00	662000	17.65
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3840.00	656000	17.59
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3750.00	650000	17.77
30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12@6	3975.02	665001	17.72
30	10	DFT-s-OFDM 16QAM	Inner_Full	12@6	3975.02	665001	17.71
30	10	DFT-s-OFDM 64QAM	Inner_Full	12@6	3975.02	665001	17.60
30	10	DFT-s-OFDM 256QAM	Inner_Full	12@6	3975.02	665001	17.84
30	10	CP-OFDM QPSK	Inner_Full	12@6	3975.02	665001	17.78
30	10	CP-OFDM 16QAM	Inner_Full	12@6	3975.02	665001	17.72
30	10	CP-OFDM 64QAM	Inner_Full	12@6	3975.02	665001	17.76
30	10	CP-OFDM 256QAM	Inner_Full	12@6	3975.02	665001	17.55
30	10	DFT-s-OFDM QPSK	Edge_Full _Right	2@22	3975.02	665001	17.59
30	10	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	3975.02	665001	17.62
30	10	DFT-s-OFDM QPSK	Inner_1RB _Right	1@22	3975.02	665001	17.78
30	10	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	3975.02	665001	17.72
30	10	DFT-s-OFDM QPSK	Outer_Full	24@0	3975.02	665001	17.61
30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	3972.52	664835	17.79
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3970.02	664680	17.77
30	25	DFT-s-OFDM QPSK	Inner_Full	32@16	3967.52	664501	17.81
30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	3965.02	664335	17.82
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	3960.02	664001	17.78
30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	3955.02	663668	17.81
30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	3950.02	663335	17.82
30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	3940.02	662668	17.73
30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	3935.02	662335	17.81

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Ant.3 - Power Level B2							
NR n77 PC2 Part 27O						Tune up: 21.0	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3975.00	665000	**20.43**
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3840.00	656000	20.32
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3705.00	647000	20.38
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3930.00	662000	20.26
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3840.00	656000	20.31
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3750.00	650000	20.31
30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12@6	3975.02	665001	20.26
30	10	DFT-s-OFDM 16QAM	Inner_Full	12@6	3975.02	665001	20.27
30	10	DFT-s-OFDM 64QAM	Inner_Full	12@6	3975.02	665001	20.28
30	10	DFT-s-OFDM 256QAM	Inner_Full	12@6	3975.02	665001	20.41
30	10	CP-OFDM QPSK	Inner_Full	12@6	3975.02	665001	20.15
30	10	CP-OFDM 16QAM	Inner_Full	12@6	3975.02	665001	20.22
30	10	CP-OFDM 64QAM	Inner_Full	12@6	3975.02	665001	20.25
30	10	CP-OFDM 256QAM	Inner_Full	12@6	3975.02	665001	18.93
30	10	DFT-s-OFDM QPSK	Edge_Full _Right	2@22	3975.02	665001	20.08
30	10	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	3975.02	665001	20.27
30	10	DFT-s-OFDM QPSK	Inner_1RB _Right	1@22	3975.02	665001	20.31
30	10	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	3975.02	665001	20.24
30	10	DFT-s-OFDM QPSK	Outer_Full	24@0	3975.02	665001	20.22
30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	3972.52	664835	20.27
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3970.02	664680	20.32
30	25	DFT-s-OFDM QPSK	Inner_Full	32@16	3967.52	664501	20.26
30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	3965.02	664335	20.10
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	3960.02	664001	20.30
30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	3955.02	663668	20.15
30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	3950.02	663335	20.15
30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	3940.02	662668	20.08
30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	3935.02	662335	20.11

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Ant.3 - Power Level C2							
NR n77 PC2 Part 27O						Tune up: 23.0	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3975.00	665000	22.12
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3840.00	656000	21.64
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3705.00	647000	21.99
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3930.00	662000	21.82
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3840.00	656000	21.68
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3750.00	650000	22.02
30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12@6	3975.02	665001	22.09
30	10	DFT-s-OFDM 16QAM	Inner_Full	12@6	3975.02	665001	22.08
30	10	DFT-s-OFDM 64QAM	Inner_Full	12@6	3975.02	665001	22.08
30	10	DFT-s-OFDM 256QAM	Inner_Full	12@6	3975.02	665001	21.02
30	10	CP-OFDM QPSK	Inner_Full	12@6	3975.02	665001	22.04
30	10	CP-OFDM 16QAM	Inner_Full	12@6	3975.02	665001	21.88
30	10	CP-OFDM 64QAM	Inner_Full	12@6	3975.02	665001	21.56
30	10	CP-OFDM 256QAM	Inner_Full	12@6	3975.02	665001	18.89
30	10	DFT-s-OFDM QPSK	Edge_Full _Right	2@22	3975.02	665001	21.57
30	10	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	3975.02	665001	21.02
30	10	DFT-s-OFDM QPSK	Inner_1RB _Right	1@22	3975.02	665001	21.50
30	10	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	3975.02	665001	21.46
30	10	DFT-s-OFDM QPSK	Outer_Full	24@0	3975.02	665001	22.07
30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	3972.52	664835	22.07
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3970.02	664680	21.09
30	25	DFT-s-OFDM QPSK	Inner_Full	32@16	3967.52	664501	22.01
30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	3965.02	664335	22.03
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	3960.02	664001	21.97
30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	3955.02	663668	21.92
30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	3950.02	663335	21.91
30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	3940.02	662668	21.81
30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	3935.02	662335	21.79

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Ant.2 - Power Level A2/C2							
NR n77 PC2 Part 27O						Tune up: 20.5	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3975.02	665001	19.55
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3840.00	656000	19.60
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3705.01	467007	19.66
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3930.00	662000	19.73
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3840.00	656000	**19.76**
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3750.00	650000	19.68
30	100	DFT-s-OFDM PI/2 BPSK1	Inner_Full	135@67	3840.00	656000	19.65
30	100	DFT-s-OFDM 16QAM	Inner_Full	135@67	3840.00	656000	19.64
30	100	DFT-s-OFDM 64QAM	Inner_Full	135@67	3840.00	656000	19.62
30	100	DFT-s-OFDM 256QAM	Inner_Full	135@67	3840.00	656000	19.60
30	100	CP-OFDM QPSK	Inner_Full	135@67	3840.00	656000	19.65
30	100	CP-OFDM 16QAM	Inner_Full	135@67	3840.00	656000	19.56
30	100	CP-OFDM 64QAM	Inner_Full	135@67	3840.00	656000	19.53
30	100	CP-OFDM 256QAM	Inner_Full	135@67	3840.00	656000	19.08
30	100	DFT-s-OFDM QPSK	Edge_Full _Right	2@271	3840.00	656000	19.62
30	100	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	3840.00	656000	19.57
30	100	DFT-s-OFDM QPSK	Inner_1RB _Right	1@271	3840.00	656000	19.51
30	100	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	3840.00	656000	19.57
30	100	DFT-s-OFDM QPSK	Outer_Full	270@0	3840.00	656000	19.68
30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	3840.00	656000	19.49
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3840.00	656000	19.63
30	25	DFT-s-OFDM QPSK	Inner_Full	32@16	3840.00	656000	19.55
30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	3840.00	656000	19.51
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	3840.00	656000	19.59
30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	3840.00	656000	19.73
30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	3840.00	656000	19.64
30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	3840.00	656000	19.56
30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	3840.00	656000	19.64

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Ant.2 - Power Level B2							
NR n77 PC2 Part 27O						Tune up: 18.5	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3975.02	665001	17.65
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3840.00	656000	17.68
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3705.01	467007	17.62
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3930.00	662000	17.68
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3840.00	656000	17.71
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3750.00	650000	17.64
30	100	DFT-s-OFDM PI/2 BPSK1	Inner_Full	135@67	3840.00	656000	17.63
30	100	DFT-s-OFDM 16QAM	Inner_Full	135@67	3840.00	656000	17.65
30	100	DFT-s-OFDM 64QAM	Inner_Full	135@67	3840.00	656000	17.63
30	100	DFT-s-OFDM 256QAM	Inner_Full	135@67	3840.00	656000	17.62
30	100	CP-OFDM QPSK	Inner_Full	135@67	3840.00	656000	17.59
30	100	CP-OFDM 16QAM	Inner_Full	135@67	3840.00	656000	17.61
30	100	CP-OFDM 64QAM	Inner_Full	135@67	3840.00	656000	17.67
30	100	CP-OFDM 256QAM	Inner_Full	135@67	3840.00	656000	17.55
30	100	DFT-s-OFDM QPSK	Edge_Full _Right	2@271	3840.00	656000	17.62
30	100	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	3840.00	656000	17.61
30	100	DFT-s-OFDM QPSK	Inner_1RB _Right	1@271	3840.00	656000	17.59
30	100	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	3840.00	656000	17.64
30	100	DFT-s-OFDM QPSK	Outer_Full	270@0	3840.00	656000	17.60
30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	3840.00	656000	17.62
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3840.00	656000	17.59
30	25	DFT-s-OFDM QPSK	Inner_Full	32@16	3840.00	656000	17.65
30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	3840.00	656000	17.68
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	3840.00	656000	17.61
30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	3840.00	656000	17.65
30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	3840.00	656000	17.64
30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	3840.00	656000	17.70
30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	3840.00	656000	17.69

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10.4. Bluetooth and WLAN Measurement result

Table 10.6: The conducted Power measurement results for Bluetooth

Averaged Power (dBm)				
Mode	**Tune up**	Ch.0 (2402MHz)	Ch.39 (2441MHz)	Ch.78 (2480MHz)
GFSK	**10.5**	**10.08**	9.70	9.39
EDR2M-4_DQPSK	**9.5**	9.17	8.65	8.58
EDR3M-8DPSK	**9.5**	9.02	8.52	8.46
/	**/**	Ch.0 (2402MHz)	Ch.19 (2440MHz)	Ch.39 (2480MHz)
BLE(1M)	**-2.0**	-2.95	-2.58	-3.69
BLE(2M)	**-2.0**	-2.92	-2.54	-3.63

Table 10.7: The conducted Power measurement results for WLAN 2.4GHz

Power Level D1				
Averaged Power (dBm) Duty Cycle: **100%**				
Mode	**Tune up**	Ch.1 (2412MHz)	Ch.6 (2437MHz)	Ch.11 (2462MHz)
802.11b	**13.0**	12.01	**12.13**	11.89
802.11g	**12.0**	8.08	11.11	8.93
802.11n(20MHz)	**12.0**	8.05	11.01	8.86
Power Level D2				
Averaged Power (dBm) Duty Cycle: **100%**				
Mode	**Tune up**	Ch.1 (2412MHz)	Ch.6 (2437MHz)	Ch.11 (2462MHz)
802.11b	**8.0**	7.01	**7.13**	6.89
802.11g	**7.0**	3.10	6.11	3.87
802.11n(20MHz)	**7.0**	3.08	6.01	3.85
Power Level E1/F2				
Averaged Power (dBm) Duty Cycle: **100%**				
Mode	**Tune up**	Ch.1 (2412MHz)	Ch.6 (2437MHz)	Ch.11 (2462MHz)
802.11b	**16.5**	15.42	**15.54**	15.30
802.11g	**15.5**	11.50	14.52	12.28
802.11n(20MHz)	**15.5**	11.49	14.42	12.26
Power Level E2				
Averaged Power (dBm) Duty Cycle: **100%**				
Mode	**Tune up**	Ch.1 (2412MHz)	Ch.6 (2437MHz)	Ch.11 (2462MHz)
802.11b	**11.5**	10.48	**10.60**	10.36
802.11g	**10.5**	6.56	9.58	7.35
802.11n(20MHz)	**10.5**	6.53	9.48	7.31
Power Level F1				
Averaged Power (dBm) Duty Cycle: **100%**				
Mode	**Tune up**	Ch.1 (2412MHz)	Ch.6 (2437MHz)	Ch.11 (2462MHz)
802.11b	**18.5**	17.88	**18.00**	17.76
802.11g	**18.0**	13.94	16.98	14.79
802.11n(20MHz)	**18.0**	13.90	16.88	14.72

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Table 10.8: The conducted Power measurement results for WLAN 5GHz

Power Level D1								
Averaged Power (dBm) Duty Cycle: **100%**								
Mode	802.11a	802.11n -20MHz	802.11ac -20MHz	Mode	802.11n -40MHz	802.11ac -40MHz	Mode	802.11ac -80MHz
Channel	6Mbps	MCS0	MCS0	Channel	MCS0	MCS0	Channel	MCS0
<U-NII-1>								
Tune up	**18.5**	**18.5**	**17.5**	**/**	**18.5**	**17.5**	**/**	**16.5**
36(5180MHz)	18.13	18.07	16.65	38(5190MHz)	15.07	15.29	42(5210MHz)	15.33
40(5200MHz)	18.12	17.99	16.58	46(5230MHz)	17.36	16.17	/	/
44(5220MHz)	18.04	17.96	16.50	/	/	/	/	/
48(5240MHz)	18.03	17.84	16.43	/	/	/	/	/
<U-NII-2A>								
Tune up	**18.5**	**18.5**	**17.5**	**/**	**18.5**	**17.5**	**/**	**16.5**
52(5260MHz)	17.93	17.88	16.45	54(5270MHz)	**17.39**	16.20	58(5290MHz)	15.19
56(5280MHz)	17.91	17.81	16.42	62(5310MHz)	15.26	15.38	/	/
60(5300MHz)	18.01	17.79	16.40	/	/	/	/	/
64(5320MHz)	17.96	17.78	16.38	/	/	/	/	/
<U-NII-2C>								
Tune up	**17.0**	**17.0**	**17.0**	/	**17.0**	**17.0**	/	**17.0**
100(5500MHz)	15.51	15.39	15.44	102(5510MHz)	13.40	13.53	106(5530MHz)	12.49
116(5580MHz)	15.56	15.48	15.46	110(5550MHz)	15.06	15.23	122(5610MHz)	15.35
124(5620MHz)	15.64	15.51	15.54	126(5630MHz)	15.16	15.29	138(5690MHz)	**15.48**
132(5660MHz)	15.71	15.62	15.60	134(5670MHz)	15.18	15.41	/	/
140(5700MHz)	13.95	13.87	13.89	142(5710MHz)	15.19	15.46	/	/
144(5720MHz)	15.70	15.56	15.54	/	/	/	/	/
<U-NII-3>								
Tune up	**16.5**	**16.5**	**16.5**	/	**16.5**	**16.5**	/	**16.5**
149(5745MHz)	15.45	15.34	15.38	151(5755MHz)	15.00	15.19	155(5775MHz)	**15.57**
157(5785MHz)	15.52	15.43	15.41	159(5795MHz)	15.06	15.27	/	/
165(5825MHz)	15.61	15.51	15.54	/	/	/	/	/

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Power Level D2								
Averaged Power (dBm) Duty Cycle: **100%**								
Mode	802.11a	802.11n -20MHz	802.11ac -20MHz	Mode	802.11n -40MHz	802.11ac -40MHz	Mode	802.11ac -80MHz
Channel	6Mbps	MCS0	MCS0	Channel	MCS0	MCS0	Channel	MCS0
<U-NII-1>								
Tune up	**13.5**	**13.5**	**13.5**	/	**13.5**	**13.5**	/	**13.5**
36(5180MHz)	12.38	12.32	11.95	38(5190MHz)	11.80	11.68	42(5210MHz)	11.65
40(5200MHz)	12.37	12.24	11.88	46(5230MHz)	11.61	11.47	/	/
44(5220MHz)	12.29	12.21	11.80	/	/	/	/	/
48(5240MHz)	12.28	12.09	11.73	/	/	/	/	/
<U-NII-2A>								
Tune up	**13.5**	**13.5**	**13.5**	/	**13.5**	**13.5**	/	**13.5**
52(5260MHz)	12.18	12.13	11.75	54(5270MHz)	11.62	11.52	58(5290MHz)	**11.56**
56(5280MHz)	12.16	12.06	11.72	62(5310MHz)	11.64	11.44	/	/
60(5300MHz)	12.26	12.04	11.70	/	/	/	/	/
64(5320MHz)	12.21	12.03	11.68	/	/	/	/	/
<U-NII-2C>								
Tune up	**11.5**	**11.5**	**11.5**	/	**11.5**	**11.5**	/	**11.5**
100(5500MHz)	9.81	9.69	9.72	102(5510MHz)	9.30	9.56	106(5530MHz)	9.55
116(5580MHz)	9.86	9.78	9.74	110(5550MHz)	9.36	9.51	122(5610MHz)	9.65
124(5620MHz)	9.94	9.81	9.82	126(5630MHz)	9.46	9.57	138(5690MHz)	**9.78**
132(5660MHz)	10.01	9.92	9.88	134(5670MHz)	9.48	9.69	/	/
140(5700MHz)	10.10	9.93	9.93	142(5710MHz)	9.49	9.74	/	/
144(5720MHz)	10.00	9.86	9.82	/	/	/	/	/
<U-NII-3>								
Tune up	**12.5**	**12.5**	**12.5**	/	**12.5**	**12.5**	/	**12.5**
149(5745MHz)	10.88	10.77	10.82	151(5755MHz)	10.43	10.63	155(5775MHz)	**10.99**
157(5785MHz)	10.95	10.86	10.85	159(5795MHz)	10.49	10.71	/	/
165(5825MHz)	11.04	10.94	10.98	/	/	/	/	/

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Power Level E1								
Averaged Power (dBm) Duty Cycle: **100%**								
Mode	802.11a	802.11n -20MHz	802.11ac -20MHz	Mode	802.11n -40MHz	802.11ac -40MHz	Mode	802.11ac -80MHz
Channel	6Mbps	MCS0	MCS0	Channel	MCS0	MCS0	Channel	MCS0
<U-NII-1>								
Tune up	**18.5**	**18.5**	**17.5**	**/**	**18.5**	**17.5**	**/**	**16.5**
36(5180MHz)	18.13	18.07	16.65	38(5190MHz)	15.07	15.29	42(5210MHz)	15.33
40(5200MHz)	18.12	17.99	16.58	46(5230MHz)	**17.36**	16.17	/	/
44(5220MHz)	18.04	17.96	16.50	/	/	/	/	/
48(5240MHz)	18.03	17.84	16.43	/	/	/	/	/
<U-NII-3>								
Tune up	**17.5**	**17.5**	**17.5**	/	**17.5**	**17.5**	/	**16.5**
149(5745MHz)	16.52	16.41	16.66	151(5755MHz)	16.07	16.47	155(5775MHz)	15.57
157(5785MHz)	16.59	16.50	16.69	159(5795MHz)	**16.13**	16.55	/	/
165(5825MHz)	16.68	16.58	16.82	/	/	/	/	/
Power Level E2								
Averaged Power (dBm) Duty Cycle: **100%**								
Mode	802.11a	802.11n -20MHz	802.11ac -20MHz	Mode	802.11n -40MHz	802.11ac -40MHz	Mode	802.11ac -80MHz
Channel	6Mbps	MCS0	MCS0	Channel	MCS0	MCS0	Channel	MCS0
<U-NII-1>								
Tune up	**14.0**	**14.0**	**14.0**	/	**14.0**	**14.0**	/	**14.0**
36(5180MHz)	12.54	12.48	12.45	38(5190MHz)	11.96	12.18	42(5210MHz)	**12.41**
40(5200MHz)	12.53	12.40	12.38	46(5230MHz)	11.77	11.97	/	/
44(5220MHz)	12.45	12.37	12.30	/	/	/	/	/
48(5240MHz)	12.44	12.25	12.23	/	/	/	/	/
<U-NII-3>								
Tune up	**12.5**	**12.5**	**12.5**	/	**12.5**	**12.5**	/	**12.5**
149(5745MHz)	10.88	10.77	10.82	151(5755MHz)	10.43	10.63	155(5775MHz)	**10.99**
157(5785MHz)	10.95	10.86	10.85	159(5795MHz)	10.49	10.71	/	/
165(5825MHz)	11.04	10.94	10.98	/	/	/	/	/

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Power Level F1								
Averaged Power (dBm) Duty Cycle: **100%**								
Mode	802.11a	802.11n -20MHz	802.11ac -20MHz	Mode	802.11n -40MHz	802.11ac -40MHz	Mode	802.11ac -80MHz
Channel	6Mbps	MCS0	MCS0	Channel	MCS0	MCS0	Channel	MCS0
<U-NII-1>								
Tune up	**18.5**	**18.5**	**17.5**	**/**	**18.5**	**17.5**	**/**	**16.5**
36(5180MHz)	18.13	18.07	16.65	38(5190MHz)	15.07	15.29	42(5210MHz)	15.33
40(5200MHz)	18.12	17.99	16.58	46(5230MHz)	17.36	16.17	/	/
44(5220MHz)	18.04	17.96	16.50	/	/	/	/	/
48(5240MHz)	18.03	17.84	16.43	/	/	/	/	/
<U-NII-2A>								
Tune up	**18.5**	**18.5**	**17.5**	**/**	**18.5**	**17.5**	**/**	**16.5**
52(5260MHz)	17.93	17.88	16.45	54(5270MHz)	**17.39**	16.20	58(5290MHz)	15.19
56(5280MHz)	17.91	17.81	16.42	62(5310MHz)	15.26	15.38	/	/
60(5300MHz)	18.01	17.79	16.40	/	/	/	/	/
64(5320MHz)	17.96	17.78	16.38	/	/	/	/	/
<U-NII-2C>								
Tune up	**18.5**	**18.5**	**17.5**	**/**	**18.5**	**17.5**	**/**	**17.0**
100(5500MHz)	17.98	17.86	16.46	102(5510MHz)	13.40	13.53	106(5530MHz)	12.49
116(5580MHz)	18.03	17.95	16.48	110(5550MHz)	17.53	16.25	122(5610MHz)	15.35
124(5620MHz)	18.11	17.98	16.56	126(5630MHz)	17.63	16.31	138(5690MHz)	15.48
132(5660MHz)	18.18	18.09	16.62	134(5670MHz)	17.65	16.43	/	/
140(5700MHz)	13.95	13.87	13.89	142(5710MHz)	**17.66**	16.48	/	/
144(5720MHz)	18.17	18.03	16.56	/	/	/	/	/
<U-NII-3>								
Tune up	**18.5**	**18.5**	**17.5**	**/**	**18.5**	**17.5**	**/**	**16.5**
149(5745MHz)	18.26	18.15	16.66	151(5755MHz)	17.81	16.47	155(5775MHz)	15.57
157(5785MHz)	18.33	18.24	16.69	159(5795MHz)	**17.87**	16.55	/	/
165(5825MHz)	18.42	18.32	16.82	/	/	/	/	/

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Power Level F2								
Averaged Power (dBm) Duty Cycle: **100%**								
Mode	802.11a	802.11n -20MHz	802.11ac -20MHz	Mode	802.11n -40MHz	802.11ac -40MHz	Mode	802.11ac -80MHz
Channel	6Mbps	MCS0	MCS0	Channel	MCS0	MCS0	Channel	MCS0
<U-NII-1>								
Tune up	**17.0**	**17.0**	**17.0**	/	**17.0**	**17.0**	/	**16.5**
36(5180MHz)	15.65	15.59	15.56	38(5190MHz)	15.07	15.29	42(5210MHz)	15.33
40(5200MHz)	15.64	15.51	15.49	46(5230MHz)	15.88	15.69	/	/
44(5220MHz)	15.56	15.48	15.41	/	/	/	/	/
48(5240MHz)	15.55	15.36	15.34	/	/	/	/	/
<U-NII-2A>								
Tune up	**17.0**	**17.0**	**17.0**	/	**17.0**	**17.0**	/	**16.5**
52(5260MHz)	15.45	15.40	15.36	54(5270MHz)	**15.48**	15.83	58(5290MHz)	15.19
56(5280MHz)	15.43	15.33	15.33	62(5310MHz)	15.26	15.38	/	/
60(5300MHz)	15.53	15.31	15.31	/	/	/	/	/
64(5320MHz)	15.48	15.30	15.29	/	/	/	/	/
<U-NII-2C>								
Tune up	**16.5**	**16.5**	**16.5**	/	**16.5**	**16.5**	/	**16.5**
100(5500MHz)	15.07	14.95	14.94	102(5510MHz)	13.40	13.53	106(5530MHz)	12.49
116(5580MHz)	15.12	15.04	14.96	110(5550MHz)	14.62	14.73	122(5610MHz)	14.59
124(5620MHz)	15.20	15.07	15.04	126(5630MHz)	14.72	14.79	138(5690MHz)	**14.72**
132(5660MHz)	15.27	15.18	15.10	134(5670MHz)	14.74	14.91	/	/
140(5700MHz)	13.95	13.87	13.89	142(5710MHz)	14.75	14.96	/	/
144(5720MHz)	15.26	15.12	15.04	/	/	/	/	/
<U-NII-3>								
Tune up	**18.5**	**18.5**	**17.5**	**/**	**18.5**	**17.5**	**/**	**16.5**
149(5745MHz)	18.26	18.15	16.66	151(5755MHz)	17.81	16.47	155(5775MHz)	15.57
157(5785MHz)	18.33	18.24	16.69	159(5795MHz)	17.87	16.55	/	/
165(5825MHz)	18.42	18.32	16.82	/	/	/	/	/

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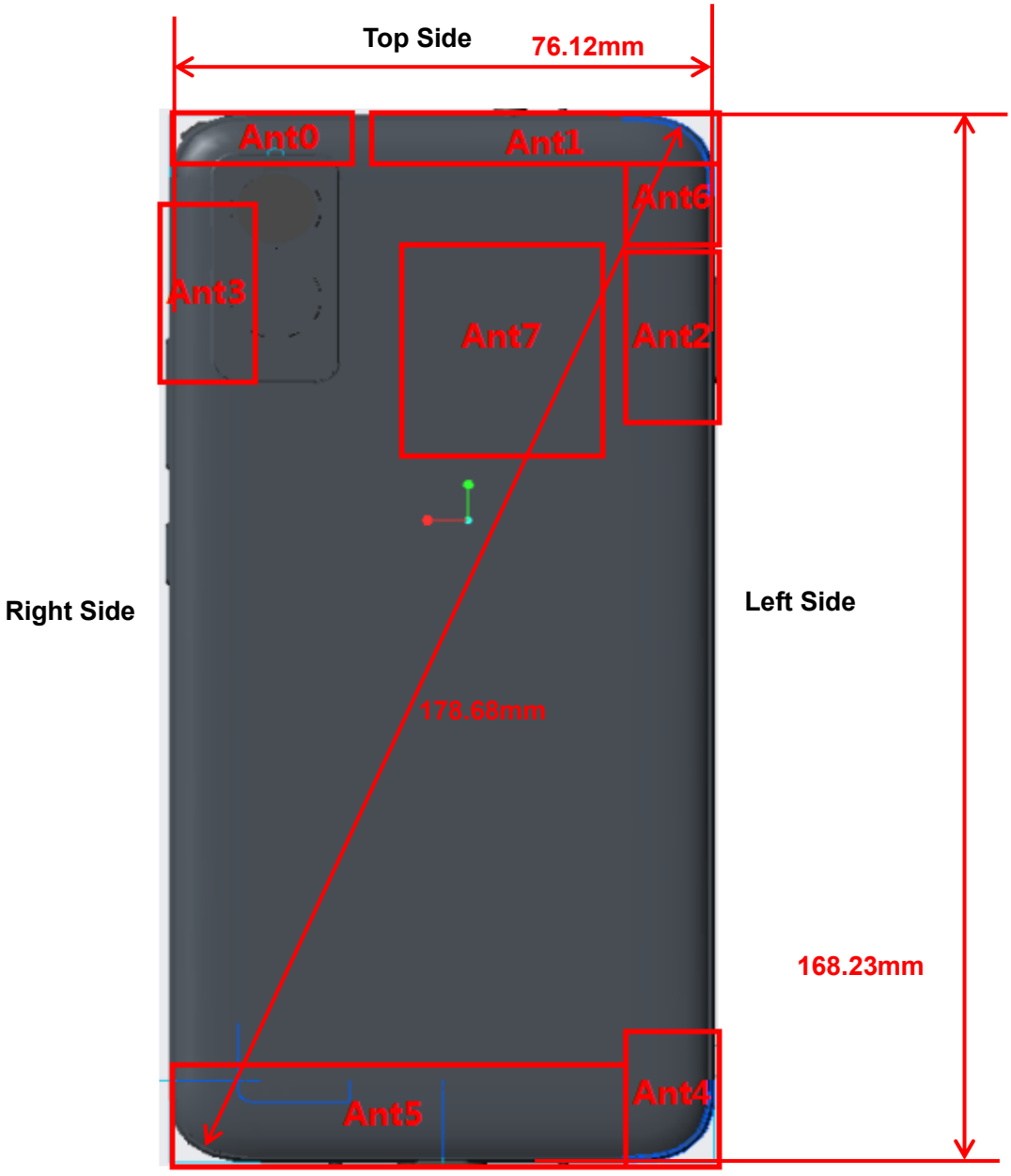
11. Simultaneous TX SAR Considerations

11.1. Introduction

The following procedures adopted from “FCC SAR Considerations for Cell Phones with Multiple Transmitters” are applicable to handsets with built-in unlicensed transmitters such as 802.11 a/b/g and Bluetooth devices which may simultaneously transmit with the licensed transmitter.
For this device, the Bluetooth and WLAN can transmit simultaneous with other transmitters.

11.2. Transmit Antenna Separation Distances



Picture 11.1 Antenna Locations (Back View)

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Antenna	Frequency Bands
Ant.0	TX: GPS L1, Bluetooth, WLAN 2.4GHz/5GHz
Ant.1	TX: UL CA & ENDC: LTE B2/4/5/12/14/30/66
Ant.2	TX: NR n77(SRS)
Ant.3	TX: NR n77(SRS)
Ant.4	TX: NR n77(SRS)
Ant.5	TX: WCDMA B2/4/5, LTE B2/4/5/12/14/30/66, NR(ENDC) n2/n5/n30/n66
Ant.6	TX: LTE B48, NR n77(SRS)
Ant.7	NFC

Note: For NR bands, this device only supports ENDC mode.

UL CA list:

Band	LTE TX Band	LTE TX Ant.	LTE TX Band	LTE TX Ant.
CA_2A-5A	Band 2	Ant.1	Band 5	Ant.5
CA_2A-12A	Band 2	Ant.1	Band 12	Ant.5
CA_2A-14A	Band 2	Ant.1	Band 14	Ant.5
CA_5A-30A	Band 5	Ant.5	Band 30	Ant.1
CA_5A-66A	Band 5	Ant.5	Band 66	Ant.1
CA_12A-30A	Band 12	Ant.5	Band 30	Ant.1
CA_12A-66A	Band 12	Ant.5	Band 66	Ant.1
CA_14A-30A	Band 14	Ant.5	Band 30	Ant.1
CA_14A-66A	Band 14	Ant.5	Band 66	Ant.1
CA_5B	Band 5	Ant.5	Band 5	Ant.5

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