

10886	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	± 9.6 %
10887	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	± 9.6 %
10888	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.35	± 9.6 %
10889	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.02	± 9.6 %
10890	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.40	± 9.6 %
10891	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.13	± 9.6 %
10892	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.41	± 9.6 %
10897	AAA	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	± 9.6 %
10898	AAA	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %
10899	AAA	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %
10900	AAA	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10901	AAA	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10902	AAA	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10903	AAA	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10904	AAA	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10905	AAA	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10906	AAA	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10907	AAA	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	± 9.6 %
10908	AAA	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6 %
10909	AAA	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.96	± 9.6 %
10910	AAA	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6 %
10911	AAA	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6 %
10912	AAA	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10913	AAA	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10914	AAA	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	± 9.6 %
10915	AAA	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6 %
10916	AAA	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 %
10917	AAA	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	± 9.6 %
10918	AAA	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	± 9.6 %
10919	AAA	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	± 9.6 %
10920	AAA	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 %
10921	AAA	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10922	AAA	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	± 9.6 %
10923	AAA	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10924	AAA	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10925	AAA	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	± 9.6 %
10926	AAA	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10927	AAA	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	± 9.6 %
10928	AAA	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10929	AAA	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10930	AAA	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10931	AAA	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10932	AAA	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10933	AAA	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10934	AAA	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10935	AAA	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10936	AAA	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	± 9.6 %
10937	AAA	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	± 9.6 %
10938	AAA	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	± 9.6 %
10939	AAA	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	± 9.6 %
10940	AAA	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	± 9.6 %
10941	AAA	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	± 9.6 %
10942	AAA	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	± 9.6 %
10943	AAA	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.95	± 9.6 %
10944	AAA	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	± 9.6 %
10945	AAA	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	± 9.6 %
10946	AAA	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	± 9.6 %
10947	AAA	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	± 9.6 %
10948	AAA	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	± 9.6 %
10949	AAA	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	± 9.6 %
10950	AAA	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	± 9.6 %
10951	AAA	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.92	± 9.6 %
10952	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.25	± 9.6 %
10953	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.15	± 9.6 %

10954	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.23	± 9.6 %
10955	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.42	± 9.6 %
10956	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.14	± 9.6 %
10957	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.31	± 9.6 %
10958	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.61	± 9.6 %
10959	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.33	± 9.6 %
10960	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.32	± 9.6 %
10961	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.36	± 9.6 %
10962	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.40	± 9.6 %
10963	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.55	± 9.6 %
10964	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.29	± 9.6 %
10965	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.37	± 9.6 %
10966	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.55	± 9.6 %
10967	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.42	± 9.6 %
10968	AAA	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.49	± 9.6 %

<sup>E</sup> Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

## Appendix D. Photographs of EUT and Setup

The setup photographs for SAR testing are shown as follows.

## **Appendix E. Maximum Target Conducted Power**

The maximum conducted average power (Unit: dBm) including tune-up tolerance is shown as below.

## GSM Max. Tune-up Power (Full)

Mode	GSM850	GSM1900	GSM850	GSM1900
	Maximum Burst-Averaged Output Power	Maximum Burst-Averaged Output Power	Maximum Frame-Averaged Output Power	Maximum Frame-Averaged Output Power
	Maximum Target Power	Maximum Target Power	Maximum Target Power	Maximum Target Power
GSM (GMSK, 1Tx-slot)	33.9	30.9	24.9	21.9
GPRS (GMSK, 1Tx-slot)	33.9	30.9	24.9	21.9
GPRS (GMSK, 2Tx-slot)	30.9	27.9	24.9	21.9
GPRS (GMSK, 3Tx-slot)	29.1	26.1	24.8	21.8
GPRS (GMSK, 4Tx-slot)	27.9	24.9	24.9	21.9
EDGE (8PSK, 1Tx-slot)	27.9	26.9	18.9	17.9
EDGE (8PSK, 2Tx-slot)	24.9	23.9	18.9	17.9
EDGE (8PSK, 3Tx-slot)	23.1	22.1	18.8	17.8
EDGE (8PSK, 4Tx-slot)	21.9	20.9	18.9	17.9

<b>WCDMA Max. Tune-up Power (Full)</b>		
<b>Mode</b>	<b>RMC 12.2K</b>	<b>HSDPA HSUPA</b>
	<b>Maximum Target Power</b>	<b>Maximum Target Power</b>
WCDMA Band II	24.7	23.7
WCDMA Band V	24.7	23.7

<b>LTE Max. Tune-up Power (Full)</b>			
<b>Mode</b>	<b>QPSK</b>	<b>16QAM</b>	<b>64QAM</b>
	<b>Maximum Target Power</b>	<b>Maximum Target Power</b>	<b>Maximum Target Power</b>
<b>LTE 2</b>	25.2	24.2	23.2
<b>LTE 4</b>	25.2	24.2	23.2
<b>LTE 5</b>	25.2	24.2	23.2
<b>LTE 7</b>	24.2	23.2	22.2
<b>LTE 12</b>	24.2	23.2	22.2
<b>LTE 13</b>	24.2	23.2	22.2
<b>LTE 48</b>	25.2	24.2	23.2
<b>LTE 66</b>	25.2	24.2	23.2

<b>LTE Max. Tune-up Power (EN-DC)</b>			
<b>Mode</b>	<b>QPSK</b>	<b>16QAM</b>	<b>64QAM</b>
	<b>Maximum Target Power</b>	<b>Maximum Target Power</b>	<b>Maximum Target Power</b>
<b>LTE 2</b>	22.2	21.2	20.2
<b>LTE 5</b>	22.2	21.2	20.2
<b>LTE 13</b>	21.2	20.2	19.2
<b>LTE 66</b>	22.2	21.2	20.2



## LTE Max. Tune-up Power (Inter Band)

Mode	QPSK	16QAM	64QAM
	Maximum Target Power	Maximum Target Power	Maximum Target Power
LTE 2	22.2	21.2	20.2
LTE 4	22.2	21.2	20.2
LTE 5	22.2	21.2	20.2
LTE 66	22.2	21.2	20.2

### 5G NR Max. Tune-up Power (Full)

DFT-S Mode	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM
	Maximum Target Power	Maximum Target Power	Maximum Target Power	Maximum Target Power	Maximum Target Power
NR 2	25.2	25.2	24.2	22.7	20.7
NR 5	25.2	25.2	24.2	22.7	20.7
NR 66	24.5	24.5	23.5	22.0	20.0

5G NR Max. Tune-up Power (Full)				
CP Mode	QPSK	16QAM	64QAM	256QAM
	Maximum Target Power	Maximum Target Power	Maximum Target Power	Maximum Target Power
NR 2	23.7	23.2	21.7	18.7
NR 5	23.7	23.2	21.7	18.7
NR 66	23.0	22.5	21.0	18.0

5G NR Max. Tune-up Power (EN-DC)					
DFT-S Mode	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM
	Maximum Target Power	Maximum Target Power	Maximum Target Power	Maximum Target Power	Maximum Target Power
NR 2	22.2	22.2	21.2	19.7	20.7
NR 5	22.2	22.2	21.2	19.7	20.7
NR 66	21.5	21.5	20.5	19.0	20.0

5G NR Max. Tune-up Power (EN-DC)				
CP Mode	QPSK	16QAM	64QAM	256QAM
	Maximum Target Power	Maximum Target Power	Maximum Target Power	Maximum Target Power
NR 2	20.7	20.2	18.7	18.7
NR 5	20.7	20.2	18.7	18.7
NR 66	20.0	19.5	18.0	18.0

**WLAN Tune-up Power (Full)****WLAN2.4GHz**

Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant0+1 Max Tune up
802.11b	1	2412	16.0	16.0	19.0
	6	2437	16.0	16.0	19.0
	11	2462	16.0	16.0	19.0
802.11g	1	2412	14.0	14.0	17.0
	6	2437	14.0	14.0	17.0
	11	2462	14.0	14.0	17.0
802.11n HT20	1	2412	14.0	14.0	17.0
	6	2437	14.0	14.0	17.0
	11	2462	14.0	14.0	17.0

WLAN Tune-up Power (Full)

Bluetooth				
Mode	Channel	Frequency		Ant 0 Max Tune up
BR / EDR	0	2402		12.3
	39	2441		12.3
	78	2480		12.3
LE	0	2402		7.8
	19	2440		7.8
	39	2480		7.8

**WLAN Tune-up Power (Full)****WLAN 5.2GHz**

Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant0+1 Max Tune up
802.11a	36	5180	15.0	15.0	18.0
	40	5200	15.5	15.5	18.5
	44	5220	15.5	15.5	18.5
	48	5240	15.5	15.5	18.5
802.11n HT20	36	5180	15.0	15.0	18.0
	40	5200	15.5	15.5	18.5
	44	5220	15.5	15.5	18.5
	48	5240	15.5	15.5	18.5
802.11n HT40	38	5190	11.0	11.0	14.0
	46	5230	13.0	13.0	16.0
802.11ac VHT80	42	5210	12.0	12.0	15.0



**WLAN Tune-up Power (Full)****WLAN 5.3GHz**

Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant0+1 Max Tune up
802.11a	52	5260	15.5	15.5	18.5
	56	5280	15.5	15.5	18.5
	60	5300	15.5	15.5	18.5
	64	5320	15.0	15.0	18.0
802.11n HT20	52	5260	15.5	15.5	18.5
	56	5280	15.5	15.5	18.5
	60	5300	15.5	15.5	18.5
	64	5320	15.0	15.0	18.0
802.11n HT40	54	5270	13.0	13.0	16.0
	62	5310	11.0	11.0	14.0
802.11ac VHT80	58	5290	13.0	13.0	16.0

WLAN Tune-up Power (Full)					
WLAN 5.6GHz					
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant0+1 Max Tune up
802.11a	100	5500	13.0	13.0	16.0
	116	5580	13.7	13.7	16.7
	120	5600	13.7	13.7	16.7
	124	5620	13.7	13.7	16.7
	132	5660	13.7	13.7	16.7
	140	5700	13.0	13.0	16.0
	144	5720	13.0	13.0	16.0
802.11n HT20	100	5500	13.0	13.0	16.0
	116	5580	13.7	13.7	16.7
	120	5600	13.7	13.7	16.7
	124	5620	13.7	13.7	16.7
	132	5660	13.7	13.7	16.7
	140	5700	13.0	13.0	16.0
	144	5720	13.0	13.0	16.0
802.11n HT40	102	5510	10.0	10.0	13.0
	110	5550	13.0	13.0	16.0
	118	5590	13.0	13.0	16.0
	126	5630	13.0	13.0	16.0
	134	5670	13.0	13.0	16.0
	142	5710	13.0	13.0	16.0
802.11ac VHT80	106	5530	13.0	13.0	16.0
	122	5610	13.0	13.0	16.0
	138	5690	13.0	13.0	16.0

**WLAN Tune-up Power (Full)****WLAN 5.8GHz**

Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant0+1 Max Tune up
802.11a	149	5745	11.0	11.0	14.0
	153	5765	13.7	13.7	16.7
	157	5785	13.7	13.7	16.7
	161	5805	13.7	13.7	16.7
	165	5825	13.7	13.7	16.7
802.11n HT20	149	5745	11.0	11.0	14.0
	153	5765	13.7	13.7	16.7
	157	5785	13.7	13.7	16.7
	161	5805	13.7	13.7	16.7
	165	5825	13.7	13.7	16.7
802.11n HT40	151	5755	11.0	11.0	14.0
	159	5795	13.0	13.0	16.0
802.11ac VHT80	155	5775	12.0	12.0	15.0

## **Appendix F. Measured Conducted Power Result**

The measuring conducted power (Unit: dBm) are shown as below.

## GSM Conducted Power (Full)

Band	GSM850			GSM1900		
Channel	128	189	251	512	661	810
Frequency	824.2	836.4	848.8	1850.2	1880	1909.8
GSM	32.12	32.47	32.35	30.59	30.54	30.19
GPRS 1Tx Slot	32.08	32.43	32.31	30.05	30.00	29.65
GPRS 2Tx Slot	28.94	29.29	29.17	26.69	26.64	26.29
GPRS 3Tx Slot	27.13	27.48	27.36	24.84	24.79	24.44
GPRS 4Tx Slot	25.98	26.33	26.21	23.42	23.37	23.02
EDGE 1Tx Slot (MCS9)	25.96	26.31	26.19	25.33	25.28	24.93
EDGE 2Tx Slot (MCS9)	22.98	23.31	23.19	22.47	22.42	22.07
EDGE 3Tx Slot (MCS9)	21.37	21.72	21.60	20.61	20.56	20.21
EDGE 4Tx Slot (MCS9)	20.08	20.43	20.31	19.42	19.37	19.02

## WCDMA Conducted Power (Full)

Band	WCDMA II			WCDMA V		
TX Channel	9262	9400	9538	4132	4182	4233
Rx Channel	9662	9800	9938	4357	4407	4458
Frequency	1852.4	1880	1907.6	826.4	836.4	846.6
RMC 12.2K	23.86	24.03	23.52	23.33	23.51	23.65
HSDPA Subtest-1	22.75	22.77	22.31	22.31	22.53	22.68
HSDPA Subtest-2	22.77	22.87	22.35	22.29	22.56	22.69
HSDPA Subtest-3	22.24	22.37	21.85	21.77	22.14	22.19
HSDPA Subtest-4	22.25	22.35	21.84	21.74	22.15	22.20
HSUPA Subtest-1	22.89	23.13	22.64	22.26	22.29	22.41
HSUPA Subtest-2	20.85	20.87	20.51	20.28	20.27	20.39
HSUPA Subtest-3	21.80	21.90	21.47	21.28	21.27	21.46
HSUPA Subtest-4	20.87	20.91	20.50	20.31	20.28	20.44
HSUPA Subtest-5	22.90	23.00	22.50	22.20	22.30	22.40

LTE Conducted Power (Full)							
LTE Band 2							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)
		Channel		18700	18900	19100	
		Frequency (MHz)		1860	1880	1900	
20M	QPSK	1	0	25.19	25.13	24.94	0
		1	50	25.18	25.08	24.89	0
		1	99	25.17	25.10	24.68	0
		50	0	24.19	24.16	23.99	1
		50	25	24.09	24.11	23.97	1
		50	50	24.18	24.06	23.92	1
		100	0	24.16	24.10	24.03	1
	16QAM	1	0	24.19	24.06	24.11	1
		1	50	24.10	24.09	23.92	1
		1	99	24.15	24.19	23.82	1
		50	0	23.20	23.11	22.80	2
		50	25	23.10	22.98	22.88	2
		50	50	22.98	23.10	22.79	2
		100	0	23.20	23.10	22.82	2
	64QAM	1	0	23.16	23.11	23.20	2
		1	50	23.16	23.05	22.92	2
		1	99	23.14	23.04	22.87	2
		50	0	22.19	22.12	22.07	3
		50	25	22.16	22.06	22.05	3
		50	50	22.14	22.14	22.01	3
		100	0	22.12	22.06	22.03	3
BW	MCS Index	Channel		18675	18900	19125	3GPP MPR
		Frequency (MHz)		1857.5	1880	1902.5	
15M	QPSK	1	0	25.17	25.15	24.93	0
		1	37	25.16	25.17	24.80	0
		1	74	25.12	25.08	24.65	0
		36	0	24.17	24.13	23.96	1
		36	19	24.15	24.16	23.95	1
		36	39	24.09	24.19	23.84	1
		75	0	24.08	24.00	23.93	1
	16QAM	1	0	24.11	24.12	24.03	1
		1	37	24.14	24.18	23.90	1
		1	74	24.02	24.19	23.82	1
		36	0	23.06	23.04	22.72	2
		36	19	23.14	23.16	22.84	2
		36	39	23.19	23.10	22.74	2
		75	0	23.18	23.06	22.82	2
	64QAM	1	0	23.19	23.15	23.16	2
		1	37	23.09	23.00	22.91	2
		1	74	23.17	23.17	22.77	2
		36	0	22.17	22.18	22.12	3
		36	19	22.14	22.08	22.15	3
		36	39	22.04	22.05	22.05	3
		75	0	22.07	22.06	22.13	3

**LTE Conducted Power (Full)**

<b>LTE Band 2</b>							
BW	MCS Index	Channel		18650	18900	19150	3GPP MPR
		Frequency (MHz)		1855	1880	1905	
10M	QPSK	1	0	25.18	25.03	24.81	0
		1	24	25.10	25.08	24.73	0
		1	49	25.03	24.97	24.59	0
		25	0	24.11	24.12	23.82	1
		25	12	24.15	24.19	23.83	1
		25	25	24.20	24.15	23.81	1
		50	0	24.17	24.18	23.90	1
	16QAM	1	0	24.19	24.12	23.95	1
		1	24	24.12	24.16	23.75	1
		1	49	24.11	24.15	23.65	1
		25	0	22.85	23.01	22.71	2
		25	12	23.19	23.09	22.87	2
		25	25	23.13	23.09	22.65	2
		50	0	23.06	22.90	22.62	2
	64QAM	1	0	23.20	23.20	23.07	2
		1	24	23.04	22.95	22.89	2
		1	49	23.13	23.00	22.71	2
		25	0	22.07	22.09	22.17	3
		25	12	22.19	22.16	22.19	3
		25	25	22.11	22.10	22.08	3
		50	0	22.09	21.99	22.10	3
BW	MCS Index	Channel		18625	18900	19175	3GPP MPR
		Frequency (MHz)		1852.5	1880	1907.5	
5M	QPSK	1	0	25.14	25.17	24.71	0
		1	12	25.14	25.15	24.71	0
		1	24	25.18	25.00	24.56	0
		12	0	24.15	24.01	23.85	1
		12	6	24.06	24.20	23.71	1
		12	13	24.04	24.18	23.73	1
		25	0	24.16	24.04	23.85	1
	16QAM	1	0	24.06	24.19	23.93	1
		1	12	24.18	24.02	23.81	1
		1	24	24.06	24.10	23.73	1
		12	0	23.06	22.87	22.66	2
		12	6	23.02	23.12	22.77	2
		12	13	23.17	22.89	22.57	2
		25	0	22.98	22.87	22.66	2
	64QAM	1	0	23.18	23.09	23.14	2
		1	12	23.00	22.95	22.75	2
		1	24	23.13	23.10	22.74	2
		12	0	22.09	22.00	22.07	3
		12	6	22.12	22.15	21.99	3
		12	13	22.07	22.09	22.07	3
		25	0	22.18	22.19	22.02	3



LTE Conducted Power (Full)							
LTE Band 2							
BW	MCS Index	Channel		18615	18900	19185	3GPP MPR
		Frequency (MHz)		1851.5	1880	1908.5	
3M	QPSK	1	0	25.16	25.15	24.63	0
		1	7	25.15	25.06	24.71	0
		1	14	25.12	25.02	24.45	0
		8	0	24.16	24.12	23.81	1
		8	3	24.10	24.10	23.83	1
		8	7	24.16	24.10	23.72	1
		15	0	24.19	24.09	23.77	1
	16QAM	1	0	24.16	24.19	23.92	1
		1	7	24.20	24.07	23.79	1
		1	14	24.10	24.06	23.75	1
		8	0	22.90	22.96	22.65	2
		8	3	23.05	23.17	22.87	2
		8	7	23.10	23.01	22.66	2
		15	0	23.16	22.96	22.65	2
	64QAM	1	0	23.15	23.04	23.10	2
		1	7	22.97	23.02	22.80	2
		1	14	23.12	23.02	22.74	2
		8	0	22.11	22.02	22.07	3
		8	3	22.15	22.17	22.09	3
		8	7	22.11	22.16	22.07	3
		15	0	22.16	22.19	22.07	3
BW	MCS Index	Channel		18607	18900	19193	3GPP MPR
		Frequency (MHz)		1850.7	1880	1909.3	
1.4M	QPSK	1	0	25.13	25.08	24.91	0
		1	2	25.12	25.15	24.71	0
		1	5	25.18	25.08	24.51	0
		3	0	25.11	25.12	24.93	0
		3	1	25.12	25.13	24.92	0
		3	3	25.19	25.04	24.79	0
		6	0	24.19	24.09	23.92	1
	16QAM	1	0	24.14	24.16	23.92	1
		1	2	24.11	24.13	23.85	1
		1	5	24.20	24.05	23.70	1
		3	0	23.87	23.96	23.71	1
		3	1	24.03	23.98	23.87	1
		3	3	24.08	23.98	23.77	1
		6	0	23.15	22.93	22.67	2
	64QAM	1	0	23.20	23.12	23.12	2
		1	2	23.04	22.98	22.75	2
		1	5	23.09	23.03	22.69	2
		3	0	23.13	23.07	23.14	2
		3	1	23.11	23.17	23.13	2
		3	3	22.97	22.96	22.93	2
		6	0	21.95	21.98	21.94	3

## LTE Conducted Power (Full)

LTE Band 4							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)
		Channel		20050	20175	20300	
		Frequency (MHz)		1720	1732.5	1745	
20M	QPSK	1	0	24.77	24.85	24.64	0
		1	50	24.67	24.80	24.59	0
		1	99	24.57	24.78	24.55	0
		50	0	23.92	23.96	23.94	1
		50	25	23.78	23.89	23.83	1
		50	50	23.89	23.80	23.66	1
		100	0	23.89	23.94	23.81	1
	16QAM	1	0	23.59	23.93	23.84	1
		1	50	23.81	23.87	23.94	1
		1	99	23.83	23.99	23.88	1
		50	0	22.86	22.97	22.92	2
		50	25	22.91	22.90	22.86	2
		50	50	22.88	22.90	22.64	2
		100	0	22.91	22.88	22.83	2
	64QAM	1	0	22.85	22.92	22.83	2
		1	50	22.38	22.48	22.36	2
		1	99	22.35	22.40	22.35	2
		50	0	21.47	21.56	21.46	3
		50	25	21.20	21.24	21.22	3
		50	50	21.18	21.20	21.19	3
		100	0	21.22	21.31	21.18	3
BW	MCS Index	Channel		20025	20175	20325	3GPP MPR
		Frequency (MHz)		1717.5	1732.5	1747.5	
15M	QPSK	1	0	24.62	24.80	24.50	0
		1	37	24.57	24.72	24.42	0
		1	74	24.50	24.63	24.43	0
		36	0	23.80	23.90	23.80	1
		36	19	23.62	23.68	23.73	1
		36	39	23.82	23.62	23.47	1
		75	0	23.78	23.89	23.77	1
	16QAM	1	0	23.56	23.84	23.75	1
		1	37	23.70	23.80	23.83	1
		1	74	23.71	23.91	23.77	1
		36	0	22.63	22.73	22.72	2
		36	19	22.88	22.76	22.69	2
		36	39	22.84	22.85	22.51	2
		75	0	22.83	22.85	22.68	2
	64QAM	1	0	22.73	22.91	22.70	2
		1	37	22.24	22.31	22.16	2
		1	74	22.23	22.26	22.16	2
		36	0	21.45	21.45	21.30	3
		36	19	21.11	21.17	21.11	3
		36	39	21.03	21.17	21.10	3
		75	0	21.14	21.14	21.01	3

LTE Conducted Power (Full)							
LTE Band 4							
BW	MCS Index	Channel		20000	20175	20350	3GPP MPR
		Frequency (MHz)		1715	1732.5	1750	
10M	QPSK	1	0	24.74	24.69	24.36	0
		1	24	24.52	24.72	24.55	0
		1	49	24.51	24.59	24.37	0
		25	0	23.79	23.80	23.74	1
		25	12	23.61	23.87	23.58	1
		25	25	23.79	23.75	23.45	1
		50	0	23.75	23.74	23.61	1
	16QAM	1	0	23.37	23.74	23.84	1
		1	24	23.69	23.63	23.88	1
		1	49	23.73	23.87	23.74	1
		25	0	22.65	22.89	22.82	2
		25	12	22.81	22.82	22.70	2
		25	25	22.72	22.85	22.60	2
		50	0	22.69	22.77	22.74	2
	64QAM	1	0	22.75	22.72	22.67	2
		1	24	22.30	22.41	22.29	2
		1	49	22.17	22.31	22.31	2
		25	0	21.29	21.56	21.36	3
		25	12	21.09	21.16	21.03	3
		25	25	21.08	21.07	21.13	3
		50	0	21.11	21.11	21.03	3
BW	MCS Index	Channel		19975	20175	20375	3GPP MPR
Frequency (MHz)		1712.5	1732.5	1752.5			
5M	QPSK	1	0	24.54	24.63	24.56	0
		1	12	24.47	24.65	24.41	0
		1	24	24.34	24.65	24.43	0
		12	0	23.73	23.91	23.81	1
		12	6	23.66	23.74	23.79	1
		12	13	23.65	23.62	23.49	1
		25	0	23.77	23.80	23.71	1
	16QAM	1	0	23.48	23.89	23.78	1
		1	12	23.68	23.73	23.75	1
		1	24	23.75	23.81	23.85	1
		12	0	22.74	22.94	22.90	2
		12	6	22.81	22.80	22.75	2
		12	13	22.83	22.88	22.63	2
		25	0	22.81	22.68	22.72	2
	64QAM	1	0	22.67	22.70	22.71	2
		1	12	22.24	22.42	22.22	2
		1	24	22.19	22.34	22.30	2
		12	0	21.31	21.39	21.34	3
		12	6	21.07	21.06	21.09	3
		12	13	21.10	21.07	21.06	3
		25	0	21.14	21.24	21.02	3

**LTE Conducted Power (Full)**

LTE Band 4							
BW	MCS Index	Channel		19965	20175	20385	3GPP MPR
		Frequency (MHz)		1711.5	1732.5	1753.5	
3M	QPSK	1	0	24.57	24.76	24.54	0
		1	7	24.59	24.73	24.44	0
		1	14	24.37	24.65	24.38	0
		8	0	23.74	23.90	23.78	1
		8	3	23.68	23.82	23.69	1
		8	7	23.81	23.60	23.62	1
		15	0	23.75	23.89	23.72	1
	16QAM	1	0	23.54	23.80	23.72	1
		1	7	23.73	23.67	23.79	1
		1	14	23.73	23.85	23.77	1
		8	0	22.70	22.77	22.73	2
		8	3	22.78	22.83	22.85	2
		8	7	22.70	22.81	22.46	2
		15	0	22.78	22.77	22.77	2
	64QAM	1	0	22.76	22.85	22.72	2
		1	7	22.35	22.40	22.18	2
		1	14	22.20	22.23	22.16	2
		8	0	21.45	21.46	21.29	3
		8	3	21.04	21.10	21.04	3
		8	7	20.96	21.11	21.03	3
		15	0	21.15	21.17	21.14	3
BW	MCS Index	Channel		19957	20175	20393	3GPP MPR
		Frequency (MHz)		1710.7	1732.5	1754.3	
1.4M	QPSK	1	0	24.66	24.79	24.48	0
		1	2	24.58	24.71	24.48	0
		1	5	24.39	24.54	24.46	0
		3	0	24.76	24.75	24.84	0
		3	1	24.58	24.71	24.60	0
		3	3	24.71	24.75	24.60	0
		6	0	23.73	23.70	23.65	1
	16QAM	1	0	23.49	23.88	23.65	1
		1	2	23.78	23.70	23.85	1
		1	5	23.71	23.91	23.76	1
		3	0	23.80	23.86	23.83	1
		3	1	23.75	23.84	23.72	1
		3	3	23.69	23.73	23.44	1
		6	0	22.70	22.75	22.65	2
	64QAM	1	0	22.66	22.74	22.69	2
		1	2	22.25	22.37	22.25	2
		1	5	22.20	22.27	22.15	2
		3	0	22.33	22.53	22.33	2
		3	1	22.08	22.12	22.14	2
		3	3	22.07	22.02	22.17	2
		6	0	21.13	21.16	21.00	3

## LTE Conducted Power (Full)

LTE Band 5							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)
		Channel		20450	20525	20600	
		Frequency (MHz)		829	836.5	844	
10M	QPSK	1	0	24.80	24.90	25.01	0
		1	24	24.68	24.85	24.50	0
		1	49	24.77	24.81	24.65	0
		25	0	23.97	24.08	24.12	1
		25	12	23.92	24.03	23.86	1
		25	25	23.95	24.00	23.75	1
		50	0	23.95	23.96	24.05	1
	16QAM	1	0	24.12	24.15	24.19	1
		1	24	24.16	24.17	23.77	1
		1	49	24.18	24.12	23.79	1
		25	0	22.91	23.02	23.16	2
		25	12	22.92	23.02	23.03	2
		25	25	22.98	23.07	22.96	2
		50	0	22.95	23.00	23.16	2
	64QAM	1	0	23.04	23.11	23.11	2
		1	24	23.07	23.14	22.76	2
		1	49	23.16	23.20	22.73	2
		25	0	21.91	21.98	22.14	3
		25	12	21.82	21.99	22.02	3
		25	25	21.95	21.98	21.90	3
		50	0	21.88	21.95	22.08	3
BW	MCS Index	Channel		20425	20525	20625	3GPP MPR
		Frequency (MHz)		826.5	836.5	846.5	
5M	QPSK	1	0	24.76	24.90	24.99	0
		1	12	24.61	24.78	24.46	0
		1	24	24.68	24.81	24.64	0
		12	0	23.94	24.06	24.02	1
		12	6	23.89	23.97	23.79	1
		12	13	23.93	24.00	23.65	1
		25	0	23.92	23.93	23.97	1
	16QAM	1	0	23.11	23.20	23.30	1
		1	12	23.11	23.35	22.70	1
		1	24	23.09	23.18	22.75	1
		12	0	21.85	22.02	22.07	2
		12	6	21.82	21.94	21.93	2
		12	13	21.96	22.01	21.91	2
		25	0	21.87	21.99	22.16	2
	64QAM	1	0	22.99	23.04	23.33	2
		1	12	22.99	23.32	22.71	2
		1	24	23.16	23.15	22.65	2
		12	0	21.82	21.92	22.14	3
		12	6	21.80	21.92	21.99	3
		12	13	21.87	21.88	21.82	3
		25	0	21.88	21.87	22.06	3

**LTE Conducted Power (Full)**

LTE Band 5							
BW	MCS Index	Channel		20415	20525	20635	3GPP MPR
		Frequency (MHz)		825.5	836.5	847.5	
3M	QPSK	1	0	24.74	24.66	24.95	0
		1	7	24.53	24.74	24.46	0
		1	14	24.56	24.79	24.47	0
		8	0	23.88	23.90	24.09	1
		8	3	23.72	23.82	23.75	1
		8	7	23.81	23.89	23.73	1
		15	0	23.92	23.78	23.92	1
	16QAM	1	0	24.01	24.03	24.11	1
		1	7	24.07	24.17	23.70	1
		1	14	24.02	24.15	23.55	1
		8	0	22.74	22.82	22.96	2
		8	3	22.80	22.98	22.90	2
		8	7	22.84	22.97	22.85	2
		15	0	22.88	22.96	23.04	2
	64QAM	1	0	23.01	23.00	23.13	2
		1	7	22.92	23.11	22.68	2
		1	14	22.97	23.06	22.54	2
		8	0	21.78	21.82	22.02	3
		8	3	21.66	21.84	21.85	3
		8	7	21.89	21.76	21.75	3
		15	0	21.82	21.78	21.89	3
BW	MCS Index	Channel		20407	20525	20643	3GPP MPR
		Frequency (MHz)		824.7	836.5	848.3	
1.4M	QPSK	1	0	24.71	24.86	24.91	0
		1	2	24.59	24.77	24.33	0
		1	5	24.60	24.90	24.42	0
		3	0	24.90	24.97	24.99	0
		3	1	24.81	24.87	24.68	0
		3	3	24.75	24.90	24.57	0
		6	0	23.81	23.77	23.87	1
	16QAM	1	0	23.90	24.03	24.14	1
		1	2	24.15	24.15	23.53	1
		1	5	23.96	24.03	23.60	1
		3	0	23.74	23.86	24.00	1
		3	1	23.82	23.95	23.85	1
		3	3	23.81	23.87	23.82	1
		6	0	22.83	22.94	23.05	2
	64QAM	1	0	22.95	22.93	22.94	2
		1	2	23.07	23.20	22.66	2
		1	5	23.05	22.99	22.57	2
		3	0	22.85	22.79	23.05	2
		3	1	22.66	22.89	22.79	2
		3	3	22.85	22.77	22.78	2
		6	0	21.75	21.81	21.92	3

**LTE Conducted Power (Full)**

LTE Band 7							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)
		Channel		20850	21100	21350	
		Frequency (MHz)		2510	2535	2560	
20M	QPSK	1	0	24.19	24.15	24.13	0
		1	50	24.15	24.09	24.04	0
		1	99	24.08	24.14	24.08	0
		50	0	23.20	23.14	23.13	1
		50	25	23.18	23.18	23.12	1
		50	50	23.11	23.04	23.00	1
		100	0	23.17	23.14	23.13	1
	16QAM	1	0	23.19	23.11	23.12	1
		1	50	23.12	23.08	23.14	1
		1	99	23.03	23.09	23.04	1
		50	0	22.19	22.12	22.05	2
		50	25	22.13	22.09	22.10	2
		50	50	22.02	21.97	21.93	2
		100	0	22.10	22.13	22.08	2
	64QAM	1	0	22.14	22.09	22.06	2
		1	50	22.15	22.03	22.05	2
		1	99	22.00	22.11	22.04	2
		50	0	21.14	21.06	21.10	3
		50	25	21.10	21.16	21.06	3
		50	50	21.10	20.94	20.98	3
		100	0	21.14	21.10	21.11	3
BW	MCS Index	Channel		20825	21100	21375	3GPP MPR
		Frequency (MHz)		2507.5	2535	2562.5	
15M	QPSK	1	0	24.16	24.05	24.13	0
		1	37	24.14	24.01	24.12	0
		1	74	23.98	24.14	24.01	0
		36	0	23.12	23.11	23.04	1
		36	19	23.15	23.11	23.12	1
		36	39	23.06	23.03	22.98	1
		75	0	23.15	23.05	23.03	1
	16QAM	1	0	23.05	23.10	23.07	1
		1	37	23.03	22.99	23.08	1
		1	74	22.95	23.03	23.00	1
		36	0	22.06	22.01	21.99	2
		36	19	22.07	21.99	22.08	2
		36	39	22.07	21.89	21.96	2
		75	0	22.12	22.06	21.99	2
	64QAM	1	0	22.16	22.06	22.09	2
		1	37	22.07	21.94	21.98	2
		1	74	22.00	21.99	22.00	2
		36	0	21.03	20.96	21.05	3
		36	19	21.00	21.09	21.02	3
		36	39	21.01	20.90	20.86	3
		75	0	21.11	20.99	21.07	3

**LTE Conducted Power (Full)**

**LTE Band 7**

BW	MCS Index	Channel		20800	21100	21400	3GPP MPR
		Frequency (MHz)		2505	2535	2565	
10M	QPSK	1	0	24.13	24.07	23.99	0
		1	24	24.05	23.93	24.00	0
		1	49	23.84	24.04	23.95	0
		25	0	23.00	23.02	22.96	1
		25	12	23.09	23.08	22.97	1
		25	25	23.04	22.97	22.86	1
		50	0	22.96	22.95	23.02	1
	16QAM	1	0	22.97	22.92	22.88	1
		1	24	22.95	22.87	22.92	1
		1	49	22.90	22.96	22.93	1
		25	0	21.97	21.93	21.96	2
		25	12	22.08	21.94	21.92	2
		25	25	22.00	21.82	21.75	2
		50	0	21.97	22.05	21.91	2
	64QAM	1	0	21.90	22.03	21.95	2
		1	24	21.93	21.94	21.95	2
		1	49	21.96	21.91	21.87	2
		25	0	21.01	20.90	20.95	3
		25	12	20.97	21.07	20.92	3
		25	25	20.87	20.96	20.82	3
		50	0	20.90	20.93	20.99	3
BW	MCS Index	Channel		20775	21100	21425	3GPP MPR
Frequency (MHz)		2502.5	2535	2567.5			
5M	QPSK	1	0	24.02	24.00	23.97	0
		1	12	24.10	24.04	23.89	0
		1	24	23.99	23.93	23.86	0
		12	0	23.12	23.12	22.91	1
		12	6	23.07	23.07	22.87	1
		12	13	23.02	22.93	22.84	1
		25	0	23.02	22.99	23.00	1
	16QAM	1	0	23.12	23.00	23.07	1
		1	12	22.84	22.86	22.91	1
		1	24	22.82	22.96	22.84	1
		12	0	22.03	21.98	21.93	2
		12	6	22.04	21.94	21.87	2
		12	13	21.88	21.94	21.85	2
		25	0	22.00	21.93	22.05	2
	64QAM	1	0	22.07	22.01	22.02	2
		1	12	22.00	21.89	22.00	2
		1	24	21.88	21.99	21.90	2
		12	0	20.98	21.02	20.94	3
		12	6	21.05	21.06	20.85	3
		12	13	20.93	20.78	20.84	3
		25	0	20.96	20.80	20.87	3



## LTE Conducted Power (Full)

LTE Band 12							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)
		Channel		23060	23095	23130	
		Frequency (MHz)		704	707.5	711	
10M	QPSK	1	0	24.06	24.19	24.18	0
		1	24	24.01	24.18	24.16	0
		1	49	24.04	24.05	24.17	0
		25	0	23.12	23.16	23.14	1
		25	12	23.08	23.14	23.11	1
		25	25	23.11	23.12	23.15	1
		50	0	23.09	23.15	23.11	1
	16QAM	1	0	22.96	23.16	23.14	1
		1	24	23.04	23.17	23.10	1
		1	49	22.95	23.04	23.09	1
		25	0	22.09	22.15	22.10	2
		25	12	22.06	22.06	22.09	2
		25	25	22.02	22.11	22.07	2
		50	0	22.05	22.08	22.01	2
	64QAM	1	0	21.99	22.09	22.13	2
		1	24	22.07	22.14	22.09	2
		1	49	22.01	21.98	22.10	2
		25	0	21.04	21.07	21.08	3
		25	12	20.98	21.08	21.09	3
		25	25	21.11	21.12	21.05	3
		50	0	21.08	21.15	21.03	3
BW	MCS Index	Channel		23035	23095	23155	3GPP MPR
		Frequency (MHz)		701.5	707.5	713.5	
5M	QPSK	1	0	24.05	23.18	24.13	0
		1	12	24.08	24.13	24.12	0
		1	24	23.95	23.99	24.09	0
		12	0	23.06	23.08	23.12	1
		12	6	23.06	23.08	23.04	1
		12	13	23.02	23.09	23.09	1
		25	0	23.05	23.05	23.05	1
	16QAM	1	0	22.93	23.10	23.06	1
		1	12	23.02	23.15	23.05	1
		1	24	23.02	22.99	23.11	1
		12	0	21.93	22.02	22.04	2
		12	6	22.00	22.03	22.06	2
		12	13	22.01	21.94	22.00	2
		25	0	21.92	22.10	22.04	2
	64QAM	1	0	21.94	22.11	22.06	2
		1	12	22.03	22.09	22.11	2
		1	24	21.98	21.97	22.05	2
		12	0	21.10	21.01	20.99	3
		12	6	20.96	21.00	20.94	3
		12	13	20.92	21.04	21.02	3
		25	0	21.04	21.06	21.07	3

**LTE Conducted Power (Full)**

LTE Band 12							
BW	MCS Index	Channel		23025	23095	23165	3GPP MPR
		Frequency (MHz)		700.5	707.5	714.5	
3M	QPSK	1	0	24.02	23.98	23.93	0
		1	7	23.96	24.02	23.93	0
		1	14	23.86	23.82	23.95	0
		8	0	23.06	23.09	22.99	1
		8	3	22.88	23.00	22.94	1
		8	7	23.07	22.91	23.15	1
		15	0	22.98	23.07	22.97	1
	16QAM	1	0	23.00	22.97	23.07	1
		1	7	23.02	23.04	23.12	1
		1	14	22.78	22.96	23.07	1
		8	0	21.96	21.95	22.00	2
		8	3	22.04	21.97	22.01	2
		8	7	21.91	22.04	21.98	2
		15	0	21.86	21.91	21.96	2
	64QAM	1	0	21.79	22.12	22.00	2
		1	7	21.98	21.89	22.05	2
		1	14	21.79	22.03	21.87	2
		8	0	20.90	21.04	20.88	3
		8	3	20.96	21.03	20.96	3
		8	7	20.95	20.92	20.89	3
		15	0	21.01	20.95	20.97	3
BW	MCS Index	Channel		23017	23095	23173	3GPP MPR
		Frequency (MHz)		699.7	707.5	715.3	
1.4M	QPSK	1	0	24.05	24.07	24.05	0
		1	2	24.03	24.04	23.94	0
		1	5	23.93	24.04	23.86	0
		3	0	23.01	23.08	22.86	0
		3	1	23.02	22.99	22.94	0
		3	3	23.02	22.92	22.93	0
		6	0	22.93	23.09	23.01	1
	16QAM	1	0	22.88	22.92	23.00	1
		1	2	22.84	22.97	23.08	1
		1	5	22.85	22.83	22.94	1
		3	0	22.00	21.94	21.90	1
		3	1	21.88	22.02	21.94	1
		3	3	21.93	22.04	21.92	1
		6	0	21.81	21.92	21.97	2
	64QAM	1	0	21.89	21.98	21.98	2
		1	2	21.90	22.05	21.92	2
		1	5	21.94	21.82	21.97	2
		3	0	20.93	21.02	21.04	2
		3	1	20.92	20.94	21.01	2
		3	3	21.03	21.10	20.96	2
		6	0	20.84	20.93	20.85	3

LTE Conducted Power (Full)							
LTE Band 13							
BW	MCS Index	RB Size	RB Offset		Mid		3GPP MPR (dB)
		Channel			23230		
		Frequency (MHz)			782		
10M	QPSK	1	0		24.15		0
		1	24		23.98		0
		1	49		23.91		0
		25	0		23.13		1
		25	12		23.09		1
		25	25		22.94		1
		50	0		22.99		1
	16QAM	1	0		23.18		1
		1	24		23.13		1
		1	49		23.13		1
		25	0		22.11		2
		25	12		22.10		2
		25	25		22.06		2
		50	0		22.01		2
	64QAM	1	0		22.10		2
		1	24		22.05		2
		1	49		22.06		2
		25	0		21.01		3
		25	12		21.10		3
		25	25		20.98		3
		50	0		20.99		3
BW	MCS Index	Channel		23205	23230	23255	3GPP MPR
Frequency (MHz)		779.5	782	784.5			
5M	QPSK	1	0	24.07	24.11	24.10	0
		1	12	24.09	24.09	24.07	0
		1	24	24.07	23.98	23.92	0
		12	0	23.18	23.19	23.20	1
		12	6	23.14	23.15	23.17	1
		12	13	23.14	23.14	23.18	1
		25	0	23.20	23.16	23.13	1
	16QAM	1	0	23.19	23.17	23.20	1
		1	12	23.11	23.18	23.20	1
		1	24	23.10	23.16	23.13	1
		12	0	22.14	22.03	22.05	2
		12	6	22.12	22.03	22.07	2
		12	13	22.07	22.17	22.18	2
		25	0	22.14	22.20	22.19	2
	64QAM	1	0	22.09	22.16	22.13	2
		1	12	22.19	22.12	22.15	2
		1	24	22.10	22.07	22.09	2
		12	0	21.07	21.14	21.16	3
		12	6	21.11	21.15	21.03	3
		12	13	21.20	21.13	21.09	3
		25	0	21.09	21.11	21.10	3

**LTE Conducted Power (Full)**

**LTE Band 48**

BW	MCS Index	RB Size	RB Offset	Low	Mid	Mid	Mid	3GPP MPR (dB)
		Channel		55340	55780	56210	56640	
		Frequency (MHz)		3560	3603	3647	3690	
20M	QPSK	1	0	24.46	24.27	24.38	24.48	0
		1	50	24.45	24.21	24.38	24.46	0
		1	99	24.42	24.23	24.37	24.43	0
		50	0	23.67	23.42	23.54	23.68	1
		50	25	23.56	23.41	23.52	23.64	1
		50	50	23.53	23.31	23.46	23.62	1
		100	0	23.55	23.41	23.53	23.63	1
	16QAM	1	0	23.64	23.40	23.47	23.61	1
		1	50	23.60	23.36	23.48	23.55	1
		1	99	23.57	23.34	23.48	23.53	1
		50	0	22.72	22.46	22.57	22.68	2
		50	25	22.62	22.45	22.59	22.65	2
		50	50	22.57	22.34	22.49	22.64	2
		100	0	22.62	22.46	22.57	22.66	2
	64QAM	1	0	22.37	22.27	22.36	22.44	2
		1	50	22.45	22.11	22.29	22.46	2
		1	99	22.33	22.16	22.28	22.34	2
		50	0	21.67	21.35	21.53	21.61	3
		50	25	21.52	21.37	21.42	21.57	3
		50	50	21.48	21.23	21.45	21.61	3
		100	0	21.50	21.35	21.52	21.62	3
BW	MCS Index	Channel		55315	55765	56215	56665	3GPP MPR
		Frequency (MHz)		3557.5	3602.5	3647.5	3692.5	
15M	QPSK	1	0	24.44	24.27	24.37	24.41	0
		1	37	24.45	24.11	24.29	24.41	0
		1	74	24.41	24.21	24.28	24.38	0
		36	0	23.62	23.32	23.47	23.61	1
		36	19	23.53	23.41	23.44	23.60	1
		36	39	23.53	23.22	23.39	23.56	1
		75	0	23.45	23.40	23.49	23.55	1
	16QAM	1	0	23.41	23.24	23.29	23.39	1
		1	37	23.40	23.13	23.33	23.36	1
		1	74	23.42	23.15	23.35	23.42	1
		36	0	22.62	22.37	22.46	22.65	2
		36	19	22.49	22.35	22.49	22.64	2
		36	39	22.48	22.25	22.44	22.52	2
		75	0	22.48	22.32	22.44	22.59	2
	64QAM	1	0	22.36	22.25	22.28	22.48	2
		1	37	22.42	22.17	22.33	22.39	2
		1	74	22.35	22.15	22.37	22.41	2
		36	0	21.65	21.34	21.44	21.68	3
		36	19	21.51	21.40	21.49	21.55	3
		36	39	21.51	21.23	21.39	21.57	3
		75	0	21.45	21.33	21.46	21.54	3

**LTE Conducted Power (Full)**

<b>LTE Band 48</b>								
BW	MCS Index	Channel		55290	55750	56220	56690	3GPP MPR
		Frequency (MHz)		3555	3601	3648	3695	
10M	QPSK	1	0	24.42	24.18	24.32	24.36	0
		1	24	24.42	24.09	24.27	24.30	0
		1	49	24.31	24.20	24.22	24.33	0
		25	0	23.52	23.29	23.42	23.59	1
		25	12	23.48	23.35	23.48	23.60	1
		25	25	23.44	23.15	23.33	23.48	1
		50	0	23.50	23.32	23.42	23.48	1
	16QAM	1	0	23.35	23.17	23.31	23.34	1
		1	24	23.44	23.10	23.25	23.29	1
		1	49	23.29	23.17	23.27	23.36	1
		25	0	22.58	22.26	22.43	22.59	2
		25	12	22.45	22.32	22.46	22.56	2
		25	25	22.41	22.21	22.40	22.52	2
		50	0	22.50	22.30	22.34	22.53	2
	64QAM	1	0	22.41	22.17	22.32	22.37	2
		1	24	22.41	22.09	22.29	22.28	2
		1	49	22.24	22.21	22.28	22.35	2
		25	0	21.56	21.31	21.48	21.59	3
		25	12	21.45	21.26	21.41	21.59	3
		25	25	21.38	21.13	21.36	21.52	3
		50	0	21.50	21.31	21.38	21.47	3
BW	MCS Index	Channel		55265	55745	56235	56715	3GPP MPR
		Frequency (MHz)		3552.5	3600.5	3649.5	3697.5	
5M	QPSK	1	0	24.46	24.20	24.19	24.43	0
		1	12	24.33	24.14	24.26	24.40	0
		1	24	24.33	24.11	24.21	24.33	0
		12	0	23.63	23.34	23.44	23.64	1
		12	6	23.40	23.31	23.43	23.59	1
		12	13	23.42	23.19	23.38	23.60	1
		25	0	23.42	23.40	23.51	23.62	1
	16QAM	1	0	23.38	23.18	23.26	23.39	1
		1	12	23.26	23.09	23.30	23.45	1
		1	24	23.36	23.05	23.19	23.24	1
		12	0	22.55	22.39	22.40	22.61	2
		12	6	22.46	22.28	22.36	22.57	2
		12	13	22.45	22.11	22.40	22.57	2
		25	0	22.42	22.41	22.48	22.60	2
	64QAM	1	0	22.46	22.19	22.28	22.41	2
		1	12	22.26	22.14	22.32	22.38	2
		1	24	22.40	22.07	22.19	22.27	2
		12	0	21.61	21.36	21.40	21.64	3
		12	6	21.44	21.28	21.44	21.56	3
		12	13	21.43	21.17	21.42	21.51	3
		25	0	21.43	21.37	21.49	21.55	3

**LTE Conducted Power (Full)**

**LTE Band 66**

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)
		Channel		132072	132322	132572	
		Frequency (MHz)		1720	1745	1770	
20M	QPSK	1	0	24.07	24.10	24.60	0
		1	50	24.39	24.70	24.01	0
		1	99	24.44	24.83	24.64	0
		50	0	23.35	23.48	23.35	1
		50	25	23.65	23.76	23.23	1
		50	50	23.69	23.90	23.41	1
		100	0	23.61	23.64	23.18	1
	16QAM	1	0	23.31	23.27	23.92	1
		1	50	23.90	23.81	23.15	1
		1	99	23.51	23.87	23.66	1
		50	0	22.55	22.61	22.57	2
		50	25	22.84	22.88	22.38	2
		50	50	22.88	22.91	22.27	2
		100	0	22.69	22.79	22.31	2
	64QAM	1	0	22.24	22.18	22.88	2
		1	50	22.82	22.75	22.15	2
		1	99	22.46	22.80	22.66	2
		50	0	21.51	21.58	21.51	3
		50	25	21.76	21.81	21.31	3
		50	50	21.88	21.82	21.27	3
		100	0	21.69	21.72	21.24	3
BW	MCS Index	Channel		132047	132322	132597	3GPP MPR
		Frequency (MHz)		1717.5	1745	1772.5	
15M	QPSK	1	0	23.98	24.08	24.40	0
		1	37	24.31	24.62	23.85	0
		1	74	24.32	24.71	24.57	0
		36	0	23.31	23.47	23.31	1
		36	19	23.52	23.57	23.04	1
		36	39	23.64	23.79	23.30	1
		75	0	23.43	23.52	22.95	1
	16QAM	1	0	23.19	23.13	23.80	1
		1	37	23.69	23.72	23.07	1
		1	74	23.39	23.69	23.53	1
		36	0	22.40	22.54	22.46	2
		36	19	22.72	22.77	22.34	2
		36	39	22.84	22.76	22.12	2
		75	0	22.53	22.68	22.09	2
	64QAM	1	0	22.14	22.18	22.71	2
		1	37	22.72	22.65	21.92	2
		1	74	22.35	22.62	22.58	2
		36	0	21.48	21.48	21.43	3
		36	19	21.63	21.61	21.21	3
		36	39	21.69	21.67	21.16	3
		75	0	21.64	21.61	21.10	3

**LTE Conducted Power (Full)**

**LTE Band 66**

BW	MCS Index	Channel		132022	132322	132622	3GPP MPR
		Frequency (MHz)		1715	1745	1775	
10M	QPSK	1	0	23.85	23.99	24.27	0
		1	24	24.25	24.54	23.75	0
		1	49	24.32	24.65	24.29	0
		25	0	23.21	23.40	23.20	1
		25	12	23.47	23.67	23.06	1
		25	25	23.65	23.76	23.27	1
		50	0	23.47	23.48	22.98	1
	16QAM	1	0	23.12	23.09	23.85	1
		1	24	23.77	23.70	23.05	1
		1	49	23.46	23.69	23.63	1
		25	0	22.37	22.57	22.50	2
		25	12	22.73	22.71	22.27	2
		25	25	22.78	22.87	22.12	2
		50	0	22.56	22.69	22.13	2
	64QAM	1	0	22.11	22.11	22.76	2
		1	24	22.73	22.68	21.93	2
		1	49	22.35	22.63	22.53	2
		25	0	21.43	21.40	21.40	3
		25	12	21.60	21.64	21.14	3
		25	25	21.72	21.72	21.17	3
		50	0	21.62	21.65	21.10	3
BW	MCS Index	Channel		131997	132322	132647	3GPP MPR
Frequency (MHz)		1712.5	1745	1777.5			
5M	QPSK	1	0	23.95	24.00	24.48	0
		1	12	24.38	24.62	23.74	0
		1	24	24.30	24.69	24.40	0
		12	0	23.19	23.31	23.16	1
		12	6	23.61	23.66	22.99	1
		12	13	23.67	23.80	23.09	1
		25	0	23.48	23.58	22.84	1
	16QAM	1	0	23.23	23.18	23.86	1
		1	12	23.79	23.76	22.98	1
		1	24	23.34	23.74	23.47	1
		12	0	22.42	22.47	22.50	2
		12	6	22.72	22.70	22.23	2
		12	13	22.79	22.74	22.18	2
		25	0	22.55	22.66	22.19	2
	64QAM	1	0	22.12	22.17	22.69	2
		1	12	22.75	22.64	22.02	2
		1	24	22.31	22.66	22.50	2
		12	0	21.39	21.45	21.46	3
		12	6	21.60	21.80	21.31	3
		12	13	21.77	21.75	21.19	3
		25	0	21.65	21.59	21.15	3

**LTE Conducted Power (Full)**

**LTE Band 66**

BW	MCS Index	Channel		131987	132322	132657	3GPP MPR
		Frequency (MHz)		1711.5	1745	1778.5	
3M	QPSK	1	0	23.93	23.93	24.52	0
		1	7	24.17	24.52	23.92	0
		1	14	24.23	24.76	24.50	0
		8	0	23.15	23.35	23.31	1
		8	3	23.54	23.61	23.17	1
		8	7	23.62	23.68	23.23	1
		15	0	23.51	23.55	23.13	1
	16QAM	1	0	23.19	23.16	23.78	1
		1	7	23.78	23.59	22.98	1
		1	14	23.41	23.73	23.52	1
		8	0	22.37	22.47	22.47	2
		8	3	22.76	22.77	22.19	2
		8	7	22.80	22.79	22.20	2
		15	0	22.56	22.72	22.19	2
	64QAM	1	0	22.07	22.02	22.77	2
		1	7	22.63	22.66	22.02	2
		1	14	22.36	22.71	22.48	2
		8	0	21.31	21.38	21.38	3
		8	3	21.62	21.64	21.28	3
		8	7	21.76	21.74	21.19	3
		15	0	21.67	21.59	21.10	3
BW	MCS Index	Channel		131979	132322	132665	3GPP MPR
Frequency (MHz)		1710.7	1745	1779.3			
1.4M	QPSK	1	0	24.07	24.62	24.19	0
		1	2	24.12	24.69	24.22	0
		1	5	24.07	24.64	24.17	0
		3	0	24.08	24.64	24.18	0
		3	1	24.18	24.73	24.25	0
		3	3	24.14	24.68	24.17	0
		6	0	23.10	23.66	23.22	1
	16QAM	1	0	23.39	23.81	23.37	1
		1	2	23.42	23.93	23.52	1
		1	5	23.32	23.87	23.44	1
		3	0	23.16	23.71	23.22	1
		3	1	23.28	23.81	23.30	1
		3	3	23.23	23.75	23.26	1
		6	0	22.33	22.81	22.38	2
	64QAM	1	0	22.01	22.56	22.14	2
		1	2	22.11	22.60	22.17	2
		1	5	22.05	22.64	22.12	2
		3	0	22.06	22.61	22.16	2
		3	1	22.09	22.71	22.15	2
		3	3	22.09	22.68	22.08	2
		6	0	21.04	21.60	21.19	3



NR Conducted Power (Full)							
NR Band 2							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)
		Channel		372000	376000	380000	
		Frequency (MHz)		1860	1880	1900	
20M	DFT-S PI/2 BPSK	1	1	24.26	24.71	24.12	0
		1	53	24.30	24.64	24.24	0
		1	104	24.09	24.43	24.03	0
		50	0	23.94	24.28	23.88	0.5
		50	25	24.30	24.64	24.24	0
		50	53	23.88	24.22	23.82	0.5
	DFT-S QPSK	100	0	23.82	24.16	23.76	0.5
		1	1	24.45	24.79	24.39	0
		1	53	24.37	24.71	24.31	0
		1	104	24.04	24.38	23.98	0
		50	0	23.45	23.79	23.39	1
		50	25	24.39	24.73	24.33	0
	DFT-S 16QAM	50	53	23.45	23.79	23.39	1
		100	0	23.47	23.81	23.41	1
		1	1	23.31	23.65	23.25	1
		1	1	21.84	22.18	21.78	2.5
		1	1	19.37	19.71	19.31	4.5
		1	1	23.29	23.63	23.23	1.5
CP QPSK	1	1	22.64	22.98	22.58	2	
	1	1	20.72	21.06	20.66	3.5	
	1	1	17.34	17.68	17.28	6.5	
	1	1	371500	376000	380500	3GPP MPR	
	1	1	1857.5	1880	1902.5		
	15M	DFT-S PI/2 BPSK	1	1	24.16	24.66	24.11
1			40	24.28	24.54	24.20	0
1			77	24.08	24.40	24.02	0
36			0	23.85	24.28	23.78	0.5
36			18	24.22	24.54	24.14	0
36			40	23.85	24.22	23.72	0.5
DFT-S QPSK		75	0	23.72	24.12	23.73	0.5
		1	1	24.39	24.72	24.38	0
		1	40	24.27	24.65	24.30	0
		1	77	23.95	24.31	23.98	0
		36	0	23.35	23.76	23.32	1
		36	18	24.38	24.63	24.33	0
DFT-S 16QAM		36	40	23.45	23.77	23.29	1
		75	0	23.38	23.71	23.41	1
		1	1	23.27	23.61	23.21	1
		1	1	21.82	22.17	21.71	2.5
		1	1	19.34	19.68	19.21	4.5
		1	1	23.19	23.59	23.14	1.5
CP QPSK	1	1	22.57	22.88	22.51	2	
	1	1	20.66	20.99	20.62	3.5	
	1	1	17.34	17.59	17.24	6.5	

NR Conducted Power (Full)							
NR Band 2							
BW	MCS Index	Channel		371000	376000	381000	3GPP MPR
		Frequency (MHz)		1855	1880	1905	
10M	DFT-S PI/2 BPSK	1	1	24.22	24.69	24.06	0
		1	26	24.29	24.63	24.22	0
		1	50	24.00	24.41	23.93	0
		25	0	23.84	24.28	23.86	0.5
		25	12	24.24	24.55	24.14	0
		25	26	23.83	24.20	23.79	0.5
	DFT-S QPSK	50	0	23.75	24.13	23.72	0.5
		1	1	24.39	24.75	24.36	0
		1	26	24.27	24.63	24.24	0
		1	50	23.97	24.35	23.91	0
		25	0	23.36	23.77	23.32	1
		25	12	24.37	24.73	24.30	0
	DFT-S 16QAM	25	26	23.37	23.70	23.39	1
		50	0	23.37	23.73	23.36	1
		1	1	23.23	23.55	23.16	1
		1	1	21.79	22.11	21.75	2.5
		1	1	19.28	19.63	19.24	4.5
		1	1	23.29	23.55	23.19	1.5
CP QPSK	1	1	22.54	22.98	22.50	2	
	1	1	20.66	21.02	20.57	3.5	
	1	1	17.30	17.62	17.22	6.5	
	Channel		370500	376000	381500	3GPP MPR	
	Frequency (MHz)		1852.5	1880	1907.5		
	5M	DFT-S PI/2 BPSK	1	1	24.20	24.69	24.03
1			13	24.20	24.64	24.19	0
1			23	24.06	24.43	23.99	0
12			0	23.88	24.27	23.87	0.5
12			6	24.28	24.55	24.16	0
12			13	23.84	24.13	23.75	0.5
DFT-S QPSK		25	0	23.72	24.08	23.73	0.5
		1	1	24.43	24.74	24.31	0
		1	13	24.37	24.69	24.26	0
		1	23	24.00	24.37	23.90	0
		12	0	23.44	23.78	23.36	1
		12	6	24.36	24.71	24.27	0
DFT-S 16QAM		12	13	23.41	23.69	23.31	1
		25	0	23.47	23.80	23.37	1
		1	1	23.31	23.63	23.15	1
		1	1	21.79	22.10	21.77	2.5
		1	1	19.35	19.67	19.23	4.5
		1	1	23.19	23.61	23.16	1.5
CP QPSK	1	1	22.54	22.98	22.54	2	
	1	1	20.68	20.97	20.57	3.5	
	1	1	17.24	17.67	17.24	6.5	

NR Conducted Power (Full)							
NR Band 5							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)
		Channel		166800	167300	167800	
		Frequency (MHz)		834	836.5	839	
20M	DFT-S PI/2 BPSK	1	1	24.89	24.93	24.87	0
		1	53	24.67	24.71	24.65	0
		1	104	24.63	24.67	24.61	0
		50	0	24.32	24.36	24.30	0.5
		50	25	24.74	24.78	24.72	0
		50	53	24.30	24.34	24.28	0.5
		100	0	24.19	24.23	24.17	0.5
	DFT-S QPSK	1	1	24.92	24.96	24.90	0
		1	53	24.67	24.71	24.65	0
		1	104	24.53	24.57	24.51	0
		50	0	23.85	23.89	23.83	1
		50	25	24.79	24.83	24.77	0
		50	53	23.69	23.73	23.67	1
		100	0	23.84	23.88	23.82	1
	DFT-S 16QAM	1	1	23.81	23.85	23.79	1
	DFT-S 64QAM	1	1	22.30	22.34	22.28	2.5
	DFT-S 256QAM	1	1	19.87	19.91	19.85	4.5
	CP QPSK	1	1	23.38	23.42	23.36	1.5
	CP 16QAM	1	1	23.05	23.09	23.03	2
CP 64QAM	1	1	21.33	21.37	21.31	3.5	
CP 256QAM	1	1	17.92	17.96	17.90	6.5	
BW	MCS Index	Channel		166300	167300	168300	3GPP MPR
		Frequency (MHz)		831.5	836.5	841.5	
15M	DFT-S PI/2 BPSK	1	1	24.84	24.84	24.85	0
		1	40	24.57	24.64	24.55	0
		1	77	24.58	24.64	24.59	0
		36	0	24.26	24.26	24.23	0.5
		36	18	24.72	24.74	24.71	0
		36	40	24.27	24.25	24.19	0.5
		75	0	24.15	24.22	24.11	0.5
	DFT-S QPSK	1	1	24.85	24.86	24.86	0
		1	40	24.61	24.67	24.59	0
		1	77	24.43	24.52	24.50	0
		36	0	23.80	23.81	23.75	1
		36	18	24.74	24.78	24.72	0
		36	40	23.68	23.65	23.58	1
		75	0	23.80	23.79	23.76	1
	DFT-S 16QAM	1	1	23.78	23.81	23.74	1
	DFT-S 64QAM	1	1	22.21	22.33	22.23	2.5
	DFT-S 256QAM	1	1	19.80	19.88	19.83	4.5
	CP QPSK	1	1	23.29	23.37	23.30	1.5
	CP 16QAM	1	1	22.96	23.04	23.01	2
CP 64QAM	1	1	21.27	21.31	21.31	3.5	
CP 256QAM	1	1	17.90	17.91	17.87	6.5	

NR Conducted Power (Full)							
NR Band 5							
BW	MCS Index	Channel		165800	167300	168800	3GPP MPR
		Frequency (MHz)		829	836.5	844	
10M	DFT-S PI/2 BPSK	1	1	24.81	24.90	24.78	0
		1	26	24.62	24.69	24.65	0
		1	50	24.59	24.60	24.56	0
		25	0	24.26	24.27	24.22	0.5
		25	12	24.64	24.68	24.63	0
		25	26	24.25	24.29	24.22	0.5
		50	0	24.14	24.13	24.14	0.5
	DFT-S QPSK	1	1	24.88	24.87	24.84	0
		1	26	24.64	24.66	24.61	0
		1	50	24.46	24.57	24.50	0
		25	0	23.82	23.79	23.78	1
		25	12	24.79	24.79	24.77	0
		25	26	23.62	23.67	23.67	1
		50	0	23.76	23.87	23.82	1
	DFT-S 16QAM	1	1	23.74	23.79	23.79	1
	DFT-S 64QAM	1	1	22.27	22.34	22.19	2.5
	DFT-S 256QAM	1	1	19.87	19.88	19.81	4.5
	CP QPSK	1	1	23.28	23.34	23.27	1.5
CP 16QAM	1	1	23.03	23.09	22.99	2	
CP 64QAM	1	1	21.32	21.27	21.30	3.5	
CP 256QAM	1	1	17.87	17.88	17.90	6.5	
BW	MCS Index	Channel		165300	167300	169300	3GPP MPR
		Frequency (MHz)		826.5	836.5	846.5	
5M	DFT-S PI/2 BPSK	1	1	24.83	24.90	24.87	0
		1	13	24.64	24.70	24.59	0
		1	23	24.61	24.60	24.51	0
		12	0	24.31	24.34	24.26	0.5
		12	6	24.70	24.78	24.66	0
		12	13	24.21	24.28	24.24	0.5
		25	0	24.13	24.19	24.08	0.5
	DFT-S QPSK	1	1	24.88	24.91	24.80	0
		1	13	24.61	24.71	24.61	0
		1	23	24.53	24.54	24.49	0
		12	0	23.85	23.89	23.81	1
		12	6	24.73	24.73	24.71	0
		12	13	23.61	23.71	23.59	1
		25	0	23.81	23.81	23.81	1
	DFT-S 16QAM	1	1	23.72	23.75	23.79	1
	DFT-S 64QAM	1	1	22.25	22.30	22.18	2.5
	DFT-S 256QAM	1	1	19.85	19.81	19.85	4.5
	CP QPSK	1	1	23.33	23.40	23.27	1.5
CP 16QAM	1	1	22.99	23.06	23.03	2	
CP 64QAM	1	1	21.24	21.37	21.31	3.5	
CP 256QAM	1	1	17.84	17.95	17.88	6.5	

NR Conducted Power (Full)							
NR Band 66							
BW	MCS Index	Channel		344000	349000	354000	3GPP MPR
		Frequency (MHz)		1720	1745	1770	
20M	DFT-S PI/2 BPSK	1	1	24.06	24.18	24.20	0
		1	53	24.00	24.12	24.14	0
		1	104	24.04	24.16	24.18	0
		50	0	23.61	23.73	23.75	0.5
		50	25	23.97	24.09	24.11	0
		50	53	23.76	23.88	23.90	0.5
		100	0	23.72	23.84	23.86	0.5
	DFT-S QPSK	1	1	23.91	24.28	24.29	0
		1	53	23.88	24.25	24.26	0
		1	104	23.84	24.21	24.22	0
		50	0	22.89	22.98	22.99	1
		50	25	24.03	24.12	24.13	0
		50	53	23.44	23.33	23.34	1
		100	0	23.32	23.41	23.32	1
	DFT-S 16QAM	1	1	22.33	22.42	22.43	1
	DFT-S 64QAM	1	1	21.43	21.52	21.53	2.5
	DFT-S 256QAM	1	1	19.49	19.58	19.59	4.5
	CP QPSK	1	1	21.87	21.96	21.97	1.5
	CP 16QAM	1	1	21.29	21.29	21.30	2
CP 64QAM	1	1	19.80	19.89	19.90	3.5	
CP 256QAM	1	1	17.40	17.49	17.50	6.5	
BW	MCS Index	Channel		343500	349000	354500	3GPP MPR
		Frequency (MHz)		1717.5	1745	1772.5	
15M	DFT-S PI/2 BPSK	1	1	23.96	24.12	24.17	0
		1	40	23.94	24.07	24.06	0
		1	77	24.00	24.13	24.16	0
		36	0	23.61	23.73	23.66	0.5
		36	18	23.97	24.05	24.08	0
		36	40	23.74	23.86	23.90	0.5
		75	0	23.64	23.82	23.78	0.5
	DFT-S QPSK	1	1	23.81	24.19	24.24	0
		1	40	24.12	24.17	24.22	0
		1	77	24.11	24.13	24.21	0
		36	0	22.83	22.90	22.95	1
		36	18	24.00	24.09	24.08	0
		36	40	23.44	23.49	23.41	1
		75	0	23.46	23.43	23.48	1
	DFT-S 16QAM	1	1	22.32	22.34	22.40	1
	DFT-S 64QAM	1	1	21.40	21.49	21.53	2.5
	DFT-S 256QAM	1	1	19.41	19.50	19.55	4.5
	CP QPSK	1	1	21.85	21.91	21.96	1.5
	CP 16QAM	1	1	21.23	21.26	21.30	2
CP 64QAM	1	1	19.76	19.82	19.86	3.5	
CP 256QAM	1	1	17.32	17.48	17.42	6.5	

NR Conducted Power (Full)							
NR Band 66							
BW	MCS Index	Channel		343000	349000	355000	3GPP MPR
		Frequency (MHz)		1715	1745	1775	
10M	DFT-S PI/2 BPSK	1	1	23.96	24.11	24.10	0
		1	26	23.96	24.09	24.05	0
		1	50	23.97	24.08	24.10	0
		25	0	23.54	23.73	23.72	0.5
		25	12	23.87	23.99	24.09	0
		25	26	23.72	23.88	23.90	0.5
	DFT-S QPSK	1	1	23.86	24.23	24.23	0
		1	26	24.10	24.25	24.18	0
		1	50	24.10	24.12	24.16	0
		25	0	22.79	22.96	22.93	1
		25	12	23.96	24.11	24.13	0
		25	26	23.39	23.43	23.46	1
	DFT-S 16QAM	1	1	22.30	22.42	22.34	1
		1	1	21.38	21.48	21.52	2.5
		1	1	19.45	19.50	19.49	4.5
		1	1	21.78	21.89	21.87	1.5
		1	1	21.22	21.19	21.30	2
		1	1	19.78	19.84	19.88	3.5
DFT-S 256QAM	1	1	17.40	17.42	17.47	6.5	
	1	1	17.40	17.42	17.47	6.5	
	1	1	17.40	17.42	17.47	6.5	
	1	1	17.40	17.42	17.47	6.5	
	1	1	17.40	17.42	17.47	6.5	
	1	1	17.40	17.42	17.47	6.5	
BW	MCS Index	Channel		342500	349000	355500	3GPP MPR
		Frequency (MHz)		1712.5	1745	1777.5	
5M	DFT-S PI/2 BPSK	1	1	24.00	24.18	24.11	0
		1	13	23.92	24.08	24.04	0
		1	23	23.97	24.09	24.15	0
		12	0	23.53	23.72	23.73	0.5
		12	6	23.89	24.06	24.11	0
		12	13	23.73	23.88	23.84	0.5
	DFT-S QPSK	25	0	23.68	23.78	23.79	0.5
		1	1	23.89	24.26	24.12	0
		1	13	24.16	24.25	24.23	0
		1	23	24.08	24.13	24.19	0
		12	0	22.85	22.94	22.95	1
		12	6	23.97	24.06	24.10	0
	DFT-S 16QAM	12	13	23.41	23.48	23.42	1
		25	0	23.42	23.43	23.42	1
		1	1	22.23	22.37	22.42	1
		1	1	21.33	21.43	21.50	2.5
		1	1	19.47	19.48	19.49	4.5
		1	1	21.84	21.92	21.97	1.5
DFT-S 256QAM	1	1	21.26	21.29	21.20	2	
	1	1	19.72	19.85	19.86	3.5	
	1	1	17.30	17.49	17.47	6.5	
	1	1	17.30	17.49	17.47	6.5	
	1	1	17.30	17.49	17.47	6.5	
	1	1	17.30	17.49	17.47	6.5	

WLAN Conducted Power (Full)			
WLAN2.4GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11b	1	2412	15.86
	6	2437	15.9
	11	2462	15.98

Bluetooth Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
BR / EDR	0	2402	10.31
	39	2441	11.2
	78	2480	11.18

WLAN 5.2GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	36	5180	14.95
	40	5200	15.43
	44	5220	15.41
	48	5240	15.23

WLAN 5.3GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	52	5260	15.45
	56	5280	15.24
	60	5300	15.23
	64	5320	14.82

WLAN 5.6GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	100	5500	12.84
	116	5580	13.54
	120	5600	13.5
	124	5620	13.4
	132	5660	13.45
	140	5700	12.98
	144	5720	12.9

WLAN 5.8GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	149	5745	10.95
	153	5765	13.64
	157	5785	13.69
	161	5805	13.56
	165	5825	13.65

WLAN Conducted Power (Full)			
WLAN 2.4GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11b	1	2412	15.7
	6	2437	15.74
	11	2462	15.71

WLAN 5.2GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	36	5180	14.78
	40	5200	15.40
	44	5220	15.02
	48	5240	15.12

WLAN 5.3GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	52	5260	15.43
	56	5280	15.16
	60	5300	15.2
	64	5320	14.79

WLAN 5.6GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	100	5500	12.78
	116	5580	13.3
	120	5600	13.28
	124	5620	13.29
	132	5660	13.28
	140	5700	12.68
	144	5720	12.65

WLAN 5.8GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	149	5745	10.69
	153	5765	13.24
	157	5785	13.34
	161	5805	13.31
	165	5825	13.3



WLAN Conducted Power (Full)					
WLAN 2.4GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11b	1	2412	15.86	15.7	18.79
	6	2437	15.9	15.74	18.83
	11	2462	15.98	15.71	18.86

WLAN 5.2GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11a	36	5180	14.95	14.78	17.88
	40	5200	15.43	15.4	18.43
	44	5220	15.41	15.02	18.23
	48	5240	15.23	15.12	18.19

WLAN 5.3GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11a	52	5260	15.45	15.43	18.45
	56	5280	15.24	15.16	18.21
	60	5300	15.23	15.2	18.23
	64	5320	14.82	14.79	17.82

WLAN 5.6GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11a	100	5500	12.84	12.78	15.82
	116	5580	13.54	13.3	16.43
	120	5600	13.5	13.28	16.40
	124	5620	13.4	13.29	16.36
	132	5660	13.45	13.28	16.38
	140	5700	12.98	12.68	15.84
	144	5720	12.9	12.65	15.79

WLAN 5.8GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11a	149	5745	10.95	10.69	13.83
	153	5765	13.64	13.24	16.45
	157	5785	13.69	13.34	16.53
	161	5805	13.56	13.31	16.45
	165	5825	13.65	13.3	16.49

## Uplink Carrier Aggregation Scenarios Conducted Power

Configure	Combination	PCC							SCC							Measurement Power		
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Maximum Tune-up Power	Single Carrier Tx Power without UL-CA Active (dBm)	Tx Power with UL-CA Active (dBm)
																		Total
Intra Band Contiguous	5B	5	10	QPSK	1	0	20450	829	5	10	QPSK	1	49	20549	838.9	25.2	24.8	14.42
					1	49						25.2	24.77			24.76		
		5	10	QPSK	1	0	20476	831.6	5	10	QPSK	1	49	20575	841.5	25.2	24.71	14.38
					1	49						25.2	24.63			24.59		
		5	10	QPSK	1	0	20501	834.1	5	10	QPSK	1	49	20600	844	25.2	24.82	14.49
					1	49						25.2	24.77			24.75		
	66B	66	10	QPSK	1	0	132022	1715	66	10	QPSK	1	49	132121	1724.9	25.2	23.85	13.80
					1	49						25.2	24.32			24.29		
		66	10	QPSK	1	0	132373	1750.1	66	10	QPSK	1	49	132472	1760	25.2	23.88	13.96
					1	49						25.2	24.56			24.53		
		66	10	QPSK	1	0	132523	1765.1	66	10	QPSK	1	49	132622	1775	25.2	24.09	14.20
					1	49						25.2	24.21			24.16		
	66C	66	20	QPSK	1	0	132072	1720	66	20	QPSK	1	99	132270	1739.8	25.2	24.09	16.15
					1	99						25.2	24.44			24.25		
		66	20	QPSK	1	0	132323	1745.1	66	20	QPSK	1	99	132521	1764.9	25.2	24.07	16.45
					1	99						25.2	24.78			24.75		
		66	20	QPSK	1	0	132374	1750.2	66	20	QPSK	1	99	132572	1770	25.2	24.7	16.52
					1	99						25.2	24.73			24.58		
	48C	48	20	QPSK	1	0	55340	3560	48	20	QPSK	1	99	55538	3579.8	25.2	24.46	16.08
					1	99						25.2	24.42			24.40		
		48	20	QPSK	1	0	55891	3615.1	48	20	QPSK	1	99	56089	3634.9	25.2	24.22	15.77
					1	99						25.2	24.19			24.15		
		48	20	QPSK	1	0	56442	3670.2	48	20	QPSK	1	99	56640	3690	25.2	24.35	15.92
					1	99						25.2	24.32			24.31		
Inter Band	2A-5A	2	20	QPSK	1	0	18700	1860	5	10	QPSK	1	49	20525	836.5	25.2	25.19	24.97
					1	99						25.2	25.17			24.87		
		2	20	QPSK	1	0	18900	1880	5	10	QPSK	1	49	20525	836.5	25.2	25.13	24.93
					1	99						25.2	25.1			24.71		
		2	20	QPSK	1	0	19100	1900	5	10	QPSK	1	49	20525	836.5	25.2	24.94	24.78
					1	99						25.2	24.68			24.62		
	4A-5A	4	20	QPSK	1	0	20050	1720	5	10	QPSK	1	49	20525	836.5	25.2	24.77	24.65
					1	99						25.2	24.57			24.53		
		4	20	QPSK	1	0	20175	1732.5	5	10	QPSK	1	49	20525	836.5	25.2	24.85	24.76
					1	99						25.2	24.78			24.63		
		4	20	QPSK	1	0	20300	1745	5	10	QPSK	1	49	20525	836.5	25.2	24.64	24.59
					1	99						25.2	24.55			24.47		
	5A-66A	5	10	QPSK	1	0	20525	836.5	66	20	QPSK	1	99	132322	1745	25.2	24.8	24.49
					1	49						25.2	24.77			24.43		
		5	10	QPSK	1	0	20525	836.5	66	20	QPSK	1	99	132322	1745	25.2	24.9	24.59
					1	49						25.2	24.81			24.54		
		5	10	QPSK	1	0	20525	836.5	66	20	QPSK	1	99	132322	1745	25.2	25.01	24.60
					1	49						25.2	24.65			24.53		

## Downlink Carrier Aggregation Scenarios Conducted Power

Configure	Combination	PCC								SCC1				SCC2				SCC3				Measurement Power			
		LTE Band	BW [Mhz]	UL Channel	UL Freq. [MHz]	UL RB	UL Offset	DL Channel	DL Freq. [MHz]	LTE Band	BW [Mhz]	DL Channel	DL Freq. [MHz]	LTE Band	BW [Mhz]	DL Channel	DL Freq. [MHz]	LTE Band	BW [Mhz]	DL Channel	DL Freq. [MHz]	Maximum Tune-up Power	Single Carrier Tx Power without DL-CA Active (dBm)	Tx Power with DL-CA Active (dBm)	
																								Total	
Intra Band Non-Contiguous	4A-48A	4	20	20175	1732.5	1	0	2175	2132.5	48	20	55780	3603										25.2	24.85	23.52
	4A-48C	4	20	20175	1732.5	1	0	2175	2132.5	48	20	55340	3560	48	20	55538	3579.8						25.2	24.85	23.43
	4A-4A-5A	4	20	20050	1720	1	0	2050	2120	4	20	2300	2145	5	10	2525	881.5						25.2	24.77	23.34
	4A-4A-13A	4	20	20050	1720	1	0	2050	2120	4	20	2300	2145	13	10	5230	751						25.2	24.77	23.23
	66A-66C	66	20	132572	1770	1	99	67036	2170	66	20	66536	2120	66	20	66734	2139.8						25.2	24.64	23.71
Inter Band	2A-2A-66B	2	20	18700	1860	1	0	700	1940	2	20	1100	1980	66	10	66786	2145	66	10	66885	2154.9	25.2	25.19	24.14	
	2A-2A-66C	2	20	18700	1860	1	0	700	1940	2	20	1100	1980	66	20	66787	2145.1	66	20	66985	2164.9	25.2	25.19	24.23	
	2A-2A-4A-4A	2	20	18700	1860	1	0	700	1940	2	20	1100	1980	4	20	2050	2120	4	20	2300	2145	25.2	25.19	24.18	
	2A-2A-66A-66A	2	20	18700	1860	1	0	700	1940	2	20	1100	1980	66	20	66536	2120	66	20	67036	2170	25.2	25.19	24.15	
	2A-66A-66A-66A	2	20	18700	1860	1	0	700	1940	66	20	67036	2170	66	20	66786	2145	66	20	66536	2120	25.2	25.19	24.21	
	4A-48D	4	20	20175	1732.5	1	0	2175	2132.5	48	20	55792	3605.2	48	20	55990	3625	48	20	56188	3644.8	25.2	24.85	23.43	
	4A-4A-5B	4	20	20050	1720	1	0	2050	2120	4	20	2300	2145	5	10	2476	876.6	5	10	2575	886.5	25.2	24.77	23.28	
	5B-66B	5	10	20600	844	1	0	2600	889	5	10	2501	879.1	66	10	67187	2185.1	66	10	67286	2195	25.2	25.01	24.49	
	5B-66C	5	10	20600	844	1	0	2600	889	5	10	2501	879.1	66	20	67038	2170.2	66	20	67236	2190	25.2	25.01	24.48	
	5A-5A-66B	5	10	20600	844	1	0	2600	889	5	10	2450	874	66	10	67187	2185.1	66	10	67286	2195	25.2	25.01	24.46	
	5A-5A-66C	5	10	20600	844	1	0	2600	889	5	10	2450	874	66	20	67038	2170.2	66	20	67236	2190	25.2	25.01	24.45	
	5B-66A-66A	5	10	20600	844	1	0	2600	889	5	10	2501	879.1	66	20	67036	2170	66	20	66786	2145	25.2	25.01	24.41	
	5A-5A-66A-66A	5	10	20600	844	1	0	2600	889	5	10	2450	874	66	20	67036	2170	66	20	66786	2145	25.2	25.01	24.54	
	13A-66A-66A-66A	13	10	23230	782	1	0	5230	751	66	20	67036	2170	66	20	66786	2145	66	20	66536	2120	24.2	24.15	23.11	
	48A-48A-66B	48	20	56640	3690	1	0	56640	3690	48	20	55340	3560	66	10	67187	2185.1	66	10	67286	2195	25.2	24.48	24.11	
	48A-48A-66C	48	20	56640	3690	1	0	56640	3690	48	20	55340	3560	66	20	67038	2170.2	66	20	67236	2190	25.2	24.48	24.12	
	48C-66A-66A	48	20	56640	3690	1	0	56640	3690	48	20	56442	3670.2	66	20	67036	2170	66	20	66786	2145	25.2	24.48	24.14	
	48A-48A-66A-66A	48	20	56640	3690	1	0	56640	3690	48	20	55340	3560	66	20	67036	2170	66	20	66786	2145	25.2	24.48	24.19	
	48A-66A-66A-66A	48	20	56640	3690	1	0	56640	3690	66	20	67036	2170	66	20	66786	2145	66	20	66536	2120	25.2	24.48	24.21	
	2A-4A-5B	2	20	18700	1860	1	0	700	1940	4	20	2175	2132.5	5	10	2476	876.6	5	10	2575	886.5	25.2	25.19	23.32	
	2A-5A-66B	2	20	18700	1860	1	0	700	1940	5	10	2525	881.5	66	10	67187	2185.1	66	10	67286	2195	25.2	25.19	23.38	
	2A-5A-66C	2	20	18700	1860	1	0	700	1940	5	10	2525	881.5	66	20	67038	2170.2	66	20	67236	2190	25.2	25.19	23.31	
	2A-5B-66A	2	20	18700	1860	1	0	700	1940	5	10	2450	874	5	10	2549	883.9	66	20	66786	2145	25.2	25.19	23.29	
	2A-13A-66B	2	20	18700	1860	1	0	700	1940	13	10	5230	751	66	10	67187	2185.1	66	10	67286	2195	25.2	25.19	23.33	
	2A-13A-66C	2	20	18700	1860	1	0	700	1940	13	10	5230	751	66	20	67038	2170.2	66	20	67236	2190	25.2	25.19	23.34	
	2A-2A-4A-5A	2	20	18700	1860	1	0	700	1940	2	20	1100	1980	4	20	2175	2132.5	5	10	2525	881.5	25.2	25.19	23.38	
	2A-2A-5A-66A	2	20	18700	1860	1	0	700	1940	2	20	1100	1980	5	10	2525	881.5	66	20	66786	2145	25.2	25.19	23.41	
	2A-2A-13A-66A	2	20	18700	1860	1	0	700	1940	2	20	1100	1980	13	10	5230	751	66	20	66786	2145	25.2	25.19	23.43	
	2A-5A-66A-66A	2	20	18700	1860	1	0	700	1940	5	10	2525	881.5	66	20	67036	2170	66	20	66786	2145	25.2	25.19	23.41	
	2A-13A-66A-66A	2	20	18700	1860	1	0	700	1940	13	10	5230	751	66	20	67036	2170	66	20	66786	2145	25.2	25.19	23.44	
	5A-5A-66B	5	10	20600	844	1	0	2600	889	5	10	2450	874	66	10	67187	2185.1	66	10	67286	2195	25.2	25.01	23.79	
	13A-48A-66B	13	10	23230	782	1	0	5230	751	48	20	55340	3560	66	10	67187	2185.1	66	10	67286	2195	24.2	24.15	22.26	
	13A-48A-66C	13	10	23230	782	1	0	5230	751	48	20	55340	3560	66	20	67038	2170.2	66	20	67236	2190	24.2	24.15	22.35	

## Downlink Carrier Aggregation Scenarios Conducted Power (4x4)

Configure	Combination	PCC								SCC1				SCC2				Measurement Power		
		LTE Band	BW [Mhz]	UL Channel	UL Freq. [MHz]	UL RB	UL Offset	DL Channel	DL Freq. [MHz]	LTE Band	BW [Mhz]	DL Channel	DL Freq. [MHz]	LTE Band	BW [Mhz]	DL Channel	DL Freq. [MHz]	Maximum Tune-up Power	Single Carrier Tx Power without DL-CA Active (dBm)	Tx Power with DL-CA Active (dBm)
																				Total
Contiguous	48D(4x4)	48	20	56640	3690	1	0	56640	3690	48	20	56442	3670.2	48	20	56244	3650.4	25.2	24.48	24.36
Non-Contiguous	4A-48A(4x4)	4	20	20175	1732.5	1	0	2175	2132.5	48	20	55780	3603					25.2	24.85	22.56
	2A-48A(4x4)-48A(4x4)	2	20	18700	1860	1	0	700	1940	48	20	55340	3560	48	20	55780	3604	25.2	25.19	23.11
Inter Band	4A-48C(4x4)	4	20	20175	1732.5	1	0	2175	2132.5	48	20	55891	3615.1	48	20	56089	3634.9	25.2	24.85	22.56
	5A-48A(4x4)-48A(4x4)	5	10	20600	844	1	0	2600	889	48	20	55340	3560	48	20	55780	3604	25.2	25.01	23.12
	13A-48A(4x4)-48A(4x4)	13	10	23230	782	1	0	5230	751	48	20	55340	3560	48	20	55780	3604	24.2	24.15	21.45
	2A-5A-48A(4x4)	2	20	18700	1860	1	0	700	1940	5	10	2525	881.5	48	20	55780	3603	25.2	25.19	23.11
	2A-13A-48A(4x4)	2	20	18700	1860	1	0	700	1940	13	10	5230	751	48	20	55780	3603	25.2	25.19	23.19
	2A-48A-66A(4x4)	2	20	18700	1860	1	0	700	1940	48	20	55780	3603	66	20	66786	2145	25.2	25.19	23.08
	2A-48A(4x4)-66A	2	20	18700	1860	1	0	700	1940	48	20	55780	3603	66	20	66786	2145	25.2	25.19	23.12
	2A-48A(4x4)-66A(4x4)	2	20	18700	1860	1	0	700	1940	48	20	55780	3603	66	20	66786	2145	25.2	25.19	23.08
	5A-48A(4x4)-66A	5	10	20600	844	1	0	2600	889	48	20	55780	3603	66	20	66786	2145	25.2	25.01	22.73
	5A-48A-66A(4x4)	5	10	20600	844	1	0	2600	889	48	20	55780	3603	66	20	66786	2145	25.2	25.01	22.79
	5A-48A(4x4)-66A(4x4)	5	10	20600	844	1	0	2600	889	48	20	55780	3603	66	20	66786	2145	25.2	25.01	22.74
	13A-48A-66A(4x4)	13	10	23230	782	1	0	5230	751	48	20	55780	3603	66	20	66786	2145	24.2	24.15	21.13
	13A-48A(4x4)-66A(4x4)	13	10	23230	782	1	0	5230	751	48	20	55780	3603	66	20	66786	2145	24.2	24.15	21.09
	13A-48A(4x4)-66A	13	10	23230	782	1	0	5230	751	48	20	55780	3603	66	20	66786	2145	24.2	24.15	21.15

## **Appendix G. Analysis of Simultaneous Transmission SAR.**

The analysis of simultaneous transmission SAR are shown as below.

**Simultaneous Transmission SAR Evaluation (Head)**

Band	Position	A	B	C	D	E	F	G	H	A+B+F	A+C+E	A+D	A+F+H	A+G+H
		Max WWAN	WLAN 2.4GHz Ant 0	WLAN 2.4GHz Ant 1	WLAN 2.4GHz Ant 0+1	WLAN 5GHz Ant 0	WLAN 5GHz Ant 1	WLAN 5GHz Ant 0+1	BT Ant 0	Summimng result 1g SAR W/kg	Summimng result 1g SAR W/kg	Summimng result 1g SAR W/kg	Summimng result 1g SAR W/kg	Summimng result 1g SAR W/kg
		1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg
GSM850	Right Cheek	0.475	0.242	0.255	0.310	0.104	0.429	0.487	0.141	1.146	0.834	0.785	1.045	1.103
	Right Tilted	0.225	0.061	0.073	0.065	0.064	0.353	0.117	0.000	0.639	0.362	0.290	0.578	0.342
	Left Cheek	0.629	0.157	0.080	0.201	0.094	0.325	0.174	0.000	1.111	0.803	0.830	0.954	0.803
	Left Tilted	0.226	0.053	0.000	0.102	0.055	0.308	0.099	0.000	0.587	0.281	0.328	0.534	0.325
GSM1900	Right Cheek	0.239	0.242	0.255	0.310	0.104	0.429	0.487	0.141	0.910	0.598	0.549	0.809	0.867
	Right Tilted	0.051	0.061	0.073	0.065	0.064	0.353	0.117	0.000	0.465	0.188	0.116	0.404	0.168
	Left Cheek	0.152	0.157	0.080	0.201	0.094	0.325	0.174	0.000	0.634	0.326	0.353	0.477	0.326
	Left Tilted	0.055	0.053	0.000	0.102	0.055	0.308	0.099	0.000	0.416	0.110	0.157	0.363	0.154
WCDMA II	Right Cheek	0.641	0.242	0.255	0.310	0.104	0.429	0.487	0.141	1.312	1.000	0.951	1.211	1.269
	Right Tilted	0.112	0.061	0.073	0.065	0.064	0.353	0.117	0.000	0.526	0.249	0.177	0.465	0.229
	Left Cheek	0.276	0.157	0.080	0.201	0.094	0.325	0.174	0.000	0.758	0.450	0.477	0.601	0.450
	Left Tilted	0.135	0.053	0.000	0.102	0.055	0.308	0.099	0.000	0.496	0.190	0.237	0.443	0.234
WCDMA V	Right Cheek	0.368	0.242	0.255	0.310	0.104	0.429	0.487	0.141	1.039	0.727	0.678	0.938	0.996
	Right Tilted	0.258	0.061	0.073	0.065	0.064	0.353	0.117	0.000	0.672	0.395	0.323	0.611	0.375
	Left Cheek	0.486	0.157	0.080	0.201	0.094	0.325	0.174	0.000	0.968	0.660	0.687	0.811	0.660
	Left Tilted	0.208	0.053	0.000	0.102	0.055	0.308	0.099	0.000	0.569	0.263	0.310	0.516	0.307
LTE 2	Right Cheek	0.547	0.242	0.255	0.310	0.104	0.429	0.487	0.141	1.218	0.906	0.857	1.117	1.175
	Right Tilted	0.104	0.061	0.073	0.065	0.064	0.353	0.117	0.000	0.518	0.241	0.169	0.457	0.221
	Left Cheek	0.318	0.157	0.080	0.201	0.094	0.325	0.174	0.000	0.800	0.492	0.519	0.643	0.492
	Left Tilted	0.130	0.053	0.000	0.102	0.055	0.308	0.099	0.000	0.491	0.185	0.232	0.438	0.229
LTE 4	Right Cheek	0.769	0.242	0.255	0.310	0.104	0.429	0.487	0.141	1.440	1.128	1.079	1.339	1.397
	Right Tilted	0.653	0.061	0.073	0.065	0.064	0.353	0.117	0.000	1.067	0.790	0.718	1.006	0.770
	Left Cheek	0.588	0.157	0.080	0.201	0.094	0.325	0.174	0.000	1.070	0.762	0.789	0.913	0.762
	Left Tilted	0.467	0.053	0.000	0.102	0.055	0.308	0.099	0.000	0.828	0.522	0.569	0.775	0.566
LTE 5	Right Cheek	0.389	0.242	0.255	0.310	0.104	0.429	0.487	0.141	1.060	0.748	0.699	0.959	1.017
	Right Tilted	0.269	0.061	0.073	0.065	0.064	0.353	0.117	0.000	0.683	0.406	0.334	0.622	0.386
	Left Cheek	0.464	0.157	0.080	0.201	0.094	0.325	0.174	0.000	0.946	0.638	0.665	0.789	0.638
	Left Tilted	0.237	0.053	0.000	0.102	0.055	0.308	0.099	0.000	0.598	0.292	0.339	0.545	0.336
LTE 7	Right Cheek	0.608	0.242	0.255	0.310	0.104	0.429	0.487	0.141	1.279	0.967	0.918	1.178	1.236
	Right Tilted	0.113	0.061	0.073	0.065	0.064	0.353	0.117	0.000	0.527	0.250	0.178	0.466	0.230
	Left Cheek	0.288	0.157	0.080	0.201	0.094	0.325	0.174	0.000	0.770	0.462	0.489	0.613	0.462
	Left Tilted	0.182	0.053	0.000	0.102	0.055	0.308	0.099	0.000	0.543	0.237	0.284	0.490	0.281
LTE 12	Right Cheek	0.272	0.242	0.255	0.310	0.104	0.429	0.487	0.141	0.943	0.631	0.582	0.842	0.900
	Right Tilted	0.187	0.061	0.073	0.065	0.064	0.353	0.117	0.000	0.601	0.324	0.252	0.540	0.304
	Left Cheek	0.236	0.157	0.080	0.201	0.094	0.325	0.174	0.000	0.718	0.410	0.437	0.561	0.410
	Left Tilted	0.146	0.053	0.000	0.102	0.055	0.308	0.099	0.000	0.507	0.201	0.248	0.454	0.245
LTE 13	Right Cheek	0.280	0.242	0.255	0.310	0.104	0.429	0.487	0.141	0.951	0.639	0.590	0.850	0.908
	Right Tilted	0.189	0.061	0.073	0.065	0.064	0.353	0.117	0.000	0.603	0.326	0.254	0.542	0.306
	Left Cheek	0.292	0.157	0.080	0.201	0.094	0.325	0.174	0.000	0.774	0.466	0.493	0.617	0.466
	Left Tilted	0.177	0.053	0.000	0.102	0.055	0.308	0.099	0.000	0.538	0.232	0.279	0.485	0.276
LTE 48	Right Cheek	0.033	0.242	0.255	0.310	0.104	0.429	0.487	0.141	0.704	0.392	0.343	0.603	0.661
	Right Tilted	0.009	0.061	0.073	0.065	0.064	0.353	0.117	0.000	0.423	0.146	0.074	0.362	0.126
	Left Cheek	0.084	0.157	0.080	0.201	0.094	0.325	0.174	0.000	0.566	0.258	0.285	0.409	0.258
	Left Tilted	0.040	0.053	0.000	0.102	0.055	0.308	0.099	0.000	0.401	0.095	0.142	0.348	0.139
LTE 66	Right Cheek	0.779	0.242	0.255	0.310	0.104	0.429	0.487	0.141	1.450	1.138	1.089	1.349	1.407
	Right Tilted	0.618	0.061	0.073	0.065	0.064	0.353	0.117	0.000	1.032	0.755	0.683	0.971	0.735
	Left Cheek	0.557	0.157	0.080	0.201	0.094	0.325	0.174	0.000	1.039	0.731	0.758	0.882	0.731
	Left Tilted	0.434	0.053	0.000	0.102	0.055	0.308	0.099	0.000	0.795	0.489	0.536	0.742	0.533

**Simultaneous Transmission SAR Evaluation (Body-worn)**

Band	Position	A	B	C	D	E	F	G	H	A+B+F	A+C+E	A+D	A+F+H	A+G+H
		Max WWAN	WLAN 2.4GHz Ant 0	WLAN 2.4GHz Ant 1	WLAN 2.4GHz Ant 0+1	WLAN 5GHz Ant 0	WLAN 5GHz Ant 1	WLAN 5GHz Ant 0+1	BT Ant 0	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg
		1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg
GSM850	Front Face	0.478	0.022	0.016	0.021	0.031	0.073	0.076	0.004	0.573	0.525	0.499	0.555	0.558
	Rear Face	0.415	0.061	0.098	0.144	0.078	0.173	0.233	0.013	0.649	0.591	0.559	0.601	0.661
GSM1900	Front Face	0.155	0.022	0.016	0.021	0.031	0.073	0.076	0.004	0.250	0.202	0.176	0.232	0.235
	Rear Face	0.140	0.061	0.098	0.144	0.078	0.173	0.233	0.013	0.374	0.316	0.284	0.326	0.386
WCDMA II	Front Face	0.275	0.022	0.016	0.021	0.031	0.073	0.076	0.004	0.370	0.322	0.296	0.352	0.355
	Rear Face	0.326	0.061	0.098	0.144	0.078	0.173	0.233	0.013	0.560	0.502	0.470	0.512	0.572
WCDMA V	Front Face	0.315	0.022	0.016	0.021	0.031	0.073	0.076	0.004	0.410	0.362	0.336	0.392	0.395
	Rear Face	0.377	0.061	0.098	0.144	0.078	0.173	0.233	0.013	0.611	0.553	0.521	0.563	0.623
LTE 2	Front Face	0.435	0.022	0.016	0.021	0.031	0.073	0.076	0.004	0.530	0.482	0.456	0.512	0.515
	Rear Face	0.353	0.061	0.098	0.144	0.078	0.173	0.233	0.013	0.587	0.529	0.497	0.539	0.599
LTE 4	Front Face	0.567	0.022	0.016	0.021	0.031	0.073	0.076	0.004	0.662	0.614	0.588	0.644	0.647
	Rear Face	0.448	0.061	0.098	0.144	0.078	0.173	0.233	0.013	0.682	0.624	0.592	0.634	0.694
LTE 5	Front Face	0.404	0.022	0.016	0.021	0.031	0.073	0.076	0.004	0.499	0.451	0.425	0.481	0.484
	Rear Face	0.384	0.061	0.098	0.144	0.078	0.173	0.233	0.013	0.618	0.560	0.528	0.570	0.630
LTE 7	Front Face	0.385	0.022	0.016	0.021	0.031	0.073	0.076	0.004	0.480	0.432	0.406	0.462	0.465
	Rear Face	0.445	0.061	0.098	0.144	0.078	0.173	0.233	0.013	0.679	0.621	0.589	0.631	0.691
LTE 12	Front Face	0.287	0.022	0.016	0.021	0.031	0.073	0.076	0.004	0.382	0.334	0.308	0.364	0.367
	Rear Face	0.262	0.061	0.098	0.144	0.078	0.173	0.233	0.013	0.496	0.438	0.406	0.448	0.508
LTE 13	Front Face	0.292	0.022	0.016	0.021	0.031	0.073	0.076	0.004	0.387	0.339	0.313	0.369	0.372
	Rear Face	0.261	0.061	0.098	0.144	0.078	0.173	0.233	0.013	0.495	0.437	0.405	0.447	0.507
LTE 48	Front Face	0.264	0.022	0.016	0.021	0.031	0.073	0.076	0.004	0.359	0.311	0.285	0.341	0.344
	Rear Face	0.800	0.061	0.098	0.144	0.078	0.173	0.233	0.013	1.034	0.976	0.944	0.986	1.046
LTE 66	Front Face	0.537	0.022	0.016	0.021	0.031	0.073	0.076	0.004	0.632	0.584	0.558	0.614	0.617
	Rear Face	0.340	0.061	0.098	0.144	0.078	0.173	0.233	0.013	0.574	0.516	0.484	0.526	0.586





CA Inter Band (Head)

LTE Band	NR Band	Position	A	B	C(A+B)	D	E	F	G	H	I	J	C+D+H	C+E+G	C+F	C+H+J	C+I+J
			PCC	SCC	Total	WLAN 2.4GHz Ant 0	WLAN 2.4GHz Ant 1	WLAN 2.4GHz Ant 0+1	WLAN 5GHz Ant 0	WLAN 5GHz Ant 1	WLAN 5GHz Ant 0+1	BT Ant 0	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg
			1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg
LTE 5	LTE 2_Ant 0	Right Cheek	0.194	0.273	0.467	0.242	0.255	0.310	0.104	0.429	0.487	0.141	1.138	0.826	0.777	1.037	1.095
		Right Tilted	0.135	0.052	0.187	0.061	0.073	0.065	0.064	0.353	0.117	0.000	0.601	0.324	0.252	0.540	0.304
		Left Cheek	0.234	0.159	0.393	0.157	0.080	0.201	0.094	0.325	0.174	0.000	0.875	0.567	0.594	0.718	0.567
LTE 5	LTE 2_Ant 1	Left Tilted	0.119	0.065	0.184	0.053	0.000	0.102	0.055	0.308	0.099	0.000	0.545	0.239	0.286	0.492	0.283
		Right Cheek	0.194	0.157	0.351	0.242	0.255	0.310	0.104	0.429	0.487	0.141	1.022	0.710	0.661	0.921	0.979
		Right Tilted	0.135	0.040	0.175	0.061	0.073	0.065	0.064	0.353	0.117	0.000	0.589	0.312	0.240	0.528	0.292
LTE 5	LTE 4_Ant 0	Left Cheek	0.234	0.112	0.346	0.157	0.080	0.201	0.094	0.325	0.174	0.000	0.828	0.520	0.547	0.671	0.520
		Left Tilted	0.119	0.042	0.161	0.053	0.000	0.102	0.055	0.308	0.099	0.000	0.522	0.216	0.263	0.469	0.260
		Right Cheek	0.194	0.336	0.530	0.242	0.255	0.310	0.104	0.429	0.487	0.141	1.201	0.889	0.840	1.100	1.158
LTE 5	LTE 4_Ant 1	Right Cheek	0.194	0.127	0.262	0.061	0.073	0.065	0.064	0.353	0.117	0.000	0.676	0.399	0.327	0.615	0.379
		Left Cheek	0.234	0.198	0.432	0.157	0.080	0.201	0.094	0.325	0.174	0.000	0.914	0.606	0.633	0.757	0.606
		Left Tilted	0.119	0.102	0.221	0.053	0.000	0.102	0.055	0.308	0.099	0.000	0.582	0.276	0.323	0.529	0.320
LTE 5	LTE 4_Ant 1	Right Cheek	0.194	0.384	0.578	0.242	0.255	0.310	0.104	0.429	0.487	0.141	1.249	0.937	0.888	1.148	1.206
		Right Tilted	0.135	0.327	0.462	0.061	0.073	0.065	0.064	0.353	0.117	0.000	0.876	0.599	0.527	0.815	0.579
		Left Cheek	0.234	0.294	0.528	0.157	0.080	0.201	0.094	0.325	0.174	0.000	1.010	0.702	0.729	0.853	0.702
LTE 5	LTE 66_Ant 0	Left Tilted	0.119	0.233	0.352	0.053	0.000	0.102	0.055	0.308	0.099	0.000	0.713	0.407	0.454	0.660	0.451
		Right Cheek	0.194	0.237	0.431	0.242	0.255	0.310	0.104	0.429	0.487	0.141	1.102	0.790	0.741	1.001	1.059
		Right Tilted	0.135	0.101	0.236	0.061	0.073	0.065	0.064	0.353	0.117	0.000	0.650	0.373	0.301	0.589	0.353
LTE 5	LTE 66_Ant 1	Left Cheek	0.234	0.121	0.355	0.157	0.080	0.201	0.094	0.325	0.174	0.000	0.837	0.529	0.556	0.680	0.529
		Left Tilted	0.119	0.072	0.191	0.053	0.000	0.102	0.055	0.308	0.099	0.000	0.552	0.246	0.293	0.499	0.290
		Right Cheek	0.194	0.393	0.587	0.242	0.255	0.310	0.104	0.429	0.487	0.141	1.258	0.946	0.897	1.157	1.215
LTE 5	LTE 66_Ant 1	Right Tilted	0.135	0.312	0.447	0.061	0.073	0.065	0.064	0.353	0.117	0.000	0.861	0.584	0.512	0.800	0.564
		Left Cheek	0.234	0.281	0.515	0.157	0.080	0.201	0.094	0.325	0.174	0.000	0.997	0.689	0.716	0.840	0.689
		Left Tilted	0.119	0.219	0.338	0.053	0.000	0.102	0.055	0.308	0.099	0.000	0.699	0.393	0.440	0.646	0.437

CA Inter Band (Body-worn)

LTE Band	NR Band	Position	A	B	C(A+B)	D	E	F	G	H	I	J	C+D+H	C+E+G	C+F	C+H+J	C+I+J
			PCC	SCC	Total	WLAN 2.4GHz Ant 0	WLAN 2.4GHz Ant 1	WLAN 2.4GHz Ant 0+1	WLAN 5GHz Ant 0	WLAN 5GHz Ant 1	WLAN 5GHz Ant 0+1	BT Ant 0	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg
			1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg
LTE 5	LTE 2_Ant 0	Front Face	0.202	0.218	0.420	0.022	0.016	0.021	0.031	0.073	0.076	0.004	0.515	0.467	0.441	0.497	0.500
		Rear Face	0.192	0.177	0.369	0.061	0.098	0.144	0.078	0.173	0.233	0.013	0.603	0.545	0.513	0.555	0.615
LTE 5	LTE 2_Ant 1	Front Face	0.202	0.108	0.310	0.022	0.016	0.021	0.031	0.073	0.076	0.004	0.405	0.357	0.331	0.387	0.390
		Rear Face	0.192	0.065	0.257	0.061	0.098	0.144	0.078	0.173	0.233	0.013	0.491	0.433	0.401	0.443	0.503
LTE 5	LTE 4_Ant 0	Front Face	0.202	0.212	0.414	0.022	0.016	0.021	0.031	0.073	0.076	0.004	0.509	0.461	0.435	0.491	0.494
		Rear Face	0.192	0.189	0.381	0.061	0.098	0.144	0.078	0.173	0.233	0.013	0.615	0.557	0.525	0.567	0.627
LTE 5	LTE 4_Ant 1	Front Face	0.202	0.284	0.486	0.022	0.016	0.021	0.031	0.073	0.076	0.004	0.581	0.533	0.507	0.563	0.566
		Rear Face	0.192	0.224	0.416	0.061	0.098	0.144	0.078	0.173	0.233	0.013	0.650	0.592	0.560	0.602	0.662
LTE 5	LTE 66_Ant 0	Front Face	0.202	0.271	0.473	0.022	0.016	0.021	0.031	0.073	0.076	0.004	0.568	0.520	0.494	0.550	0.553
		Rear Face	0.192	0.172	0.364	0.061	0.098	0.144	0.078	0.173	0.233	0.013	0.598	0.540	0.508	0.550	0.610
LTE 5	LTE 66_Ant 1	Front Face	0.202	0.212	0.414	0.022	0.016	0.021	0.031	0.073	0.076	0.004	0.509	0.461	0.435	0.491	0.494
		Rear Face	0.192	0.168	0.360	0.061	0.098	0.144	0.078	0.173	0.233	0.013	0.594	0.536	0.504	0.546	0.606

CA Inter Band (Hotspot)

LTE Band	NR Band	Position	A	B	C(A+B)	D	E	F	G	H	I	J	C+D+H	C+E+G	C+F	C+H+J	C+I+J
			PCC	SCC	Total	WLAN 2.4GHz Ant 0	WLAN 2.4GHz Ant 1	WLAN 2.4GHz Ant 0+1	WLAN 5GHz Ant 0	WLAN 5GHz Ant 1	WLAN 5GHz Ant 0+1	BT Ant 0	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg
			1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg
LTE 5	LTE 2_Ant 0	Front Face	0.235	0.320	0.555	0.000	0.000	0.000	0.000	0.109	0.124	0.013	0.664	0.555	0.555	0.677	0.692
		Rear Face	0.282	0.315	0.597	0.095	0.178	0.291	0.113	0.283	0.288	0.037	0.975	0.888	0.888	0.917	0.922
		Left Side	0.000	0.000	0.000	0.071	0.000	0.068	0.170	0.000	0.179	0.017	0.071	0.170	0.068	0.017	0.196
		Right Side	0.095	0.156	0.251	0.000	0.159	0.184	0.000	0.439	0.441	0.000	0.690	0.410	0.435	0.690	0.692
		Top Side	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.032	0.032	0.032	0.032	0.032
		Bottom Side	0.256	0.176	0.432	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.432	0.432	0.432	0.432	0.432
LTE 5	LTE 2_Ant 1	Front Face	0.235	0.175	0.410	0.000	0.000	0.000	0.000	0.109	0.124	0.013	0.519	0.410	0.410	0.532	0.547
		Rear Face	0.282	0.162	0.444	0.095	0.178	0.291	0.113	0.283	0.288	0.037	0.822	0.735	0.735	0.764	0.769
		Left Side	0.000	0.000	0.000	0.071	0.000	0.068	0.170	0.000	0.179	0.017	0.071	0.170	0.068	0.017	0.196
		Right Side	0.095	0.000	0.095	0.000	0.159	0.184	0.000	0.439	0.441	0.000	0.534	0.254	0.279	0.534	0.536
		Top Side	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		Bottom Side	0.256	0.046	0.302	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.302	0.302	0.302	0.302	0.302
LTE 5	LTE 4_Ant 0	Front Face	0.235	0.320	0.555	0.000	0.000	0.000	0.000	0.109	0.124	0.013	0.664	0.555	0.555	0.677	0.692
		Rear Face	0.282	0.280	0.562	0.095	0.178	0.291	0.113	0.283	0.288	0.037	0.940	0.853	0.853	0.882	0.887
		Left Side	0.000	0.000	0.000	0.071	0.000	0.068	0.170	0.000	0.179	0.017	0.071	0.170	0.068	0.017	0.196
		Right Side	0.095	0.134	0.229	0.000	0.159	0.184	0.000	0.439	0.441	0.000	0.668	0.388	0.413	0.668	0.670
		Top Side	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		Bottom Side	0.256	0.164	0.420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.420	0.420	0.420	0.420	0.420
LTE 5	LTE 4_Ant 1	Front Face	0.235	0.381	0.616	0.000	0.000	0.000	0.000	0.109	0.124	0.013	0.725	0.616	0.616	0.738	0.753
		Rear Face	0.282	0.315	0.597	0.095	0.178	0.291	0.113	0.283	0.288	0.037	0.975	0.888	0.888	0.917	0.922
		Left Side	0.000	0.075	0.075	0.071	0.000	0.068	0.170	0.000	0.179	0.017	0.146	0.245	0.143	0.092	0.271
		Right Side	0.095	0.000	0.095	0.000	0.159	0.184	0.000	0.439	0.441	0.000	0.534	0.254	0.279	0.534	0.536
		Top Side	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		Bottom Side	0.256	0.184	0.440	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.440	0.440	0.440	0.440	0.440
LTE 5	LTE 66_Ant 0	Front Face	0.235	0.395	0.630	0.000	0.000	0.000	0.000	0.109	0.124	0.013	0.739	0.630	0.630	0.752	0.767
		Rear Face	0.282	0.296	0.578	0.095	0.178	0.291	0.113	0.283	0.288	0.037	0.956	0.869	0.869	0.898	0.903
		Left Side	0.000	0.000	0.000	0.071	0.000	0.068	0.170	0.000	0.179	0.017	0.071	0.170	0.068	0.017	0.196
		Right Side	0.095	0.142	0.237	0.000	0.159	0.184	0.000	0.439	0.441	0.000	0.676	0.396	0.421	0.676	0.678
		Top Side	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		Bottom Side	0.256	0.174	0.430	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.430	0.430	0.430	0.430	0.430
LTE 5	LTE 66_Ant 1	Front Face	0.235	0.345	0.580	0.000	0.000	0.000	0.000	0.109	0.124	0.013	0.689	0.580	0.580	0.702	0.717
		Rear Face	0.282	0.285	0.567	0.095	0.178	0.291	0.113	0.283	0.288	0.037	0.945	0.858	0.858	0.887	0.892
		Left Side	0.000	0.068	0.068	0.071	0.000	0.068	0.170	0.000	0.179	0.017	0.139	0.238	0.136	0.085	0.264
		Right Side	0.095	0.000	0.095	0.000	0.159	0.184	0.000	0.439	0.441	0.000	0.534	0.254	0.279	0.534	0.536
		Top Side	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		Bottom Side	0.256	0.167	0.423	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.423	0.423	0.423	0.423	0.423

5G NR FR1 EN-DC (Head)

LTE Band	NR Band	Position	A	B	C	D	E	F	G	H	I	A+B+C+G	A+B+D+F	A+B+E	A+B+G+I	A+B+H+I
			Max WWAN	Max NR	WLAN 2.4GHz Ant 0	WLAN 2.4GHz Ant 1	WLAN 2.4GHz Ant 0+1	WLAN 5GHz Ant 0	WLAN 5GHz Ant 1	WLAN 5GHz Ant 0+1	BT Ant 0	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg
			1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg
LTE 5	5G NR n2	Right Cheek	0.194	0.197	0.242	0.255	0.310	0.104	0.429	0.487	0.141	1.062	0.750	0.701	0.961	1.019
		Right Tilted	0.135	0.095	0.061	0.073	0.065	0.064	0.353	0.117	0.000	0.644	0.367	0.295	0.583	0.347
		Left Cheek	0.234	0.254	0.157	0.080	0.201	0.094	0.325	0.174	0.000	0.970	0.662	0.689	0.813	0.662
		Left Tilted	0.119	0.090	0.053	0.000	0.102	0.055	0.308	0.099	0.000	0.570	0.264	0.311	0.517	0.308
LTE 13	5G NR n2	Right Cheek	0.141	0.197	0.242	0.255	0.310	0.104	0.429	0.487	0.141	1.009	0.697	0.648	0.908	0.966
		Right Tilted	0.095	0.095	0.061	0.073	0.065	0.064	0.353	0.117	0.000	0.604	0.327	0.255	0.543	0.307
		Left Cheek	0.147	0.254	0.157	0.080	0.201	0.094	0.325	0.174	0.000	0.883	0.575	0.602	0.726	0.575
		Left Tilted	0.089	0.090	0.053	0.000	0.102	0.055	0.308	0.099	0.000	0.540	0.234	0.281	0.487	0.278
LTE 2	5G NR n5	Right Cheek	0.273	0.161	0.242	0.255	0.310	0.104	0.429	0.487	0.141	1.105	0.793	0.744	1.004	1.062
		Right Tilted	0.052	0.096	0.061	0.073	0.065	0.064	0.353	0.117	0.000	0.562	0.285	0.213	0.501	0.265
		Left Cheek	0.159	0.191	0.157	0.080	0.201	0.094	0.325	0.174	0.000	0.832	0.524	0.551	0.675	0.524
		Left Tilted	0.065	0.085	0.053	0.000	0.102	0.055	0.308	0.099	0.000	0.511	0.205	0.252	0.458	0.249
LTE 66	5G NR n5	Right Cheek	0.393	0.161	0.242	0.255	0.310	0.104	0.429	0.487	0.141	1.225	0.913	0.864	1.124	1.182
		Right Tilted	0.312	0.096	0.061	0.073	0.065	0.064	0.353	0.117	0.000	0.822	0.545	0.473	0.761	0.525
		Left Cheek	0.281	0.191	0.157	0.080	0.201	0.094	0.325	0.174	0.000	0.954	0.646	0.673	0.797	0.646
		Left Tilted	0.219	0.085	0.053	0.000	0.102	0.055	0.308	0.099	0.000	0.665	0.359	0.406	0.612	0.403
LTE 5	5G NR n66	Right Cheek	0.194	0.202	0.242	0.255	0.310	0.104	0.429	0.487	0.141	1.067	0.755	0.706	0.966	1.024
		Right Tilted	0.135	0.137	0.061	0.073	0.065	0.064	0.353	0.117	0.000	0.686	0.409	0.337	0.625	0.389
		Left Cheek	0.234	0.321	0.157	0.080	0.201	0.094	0.325	0.174	0.000	1.037	0.729	0.756	0.880	0.729
		Left Tilted	0.119	0.149	0.053	0.000	0.102	0.055	0.308	0.099	0.000	0.629	0.323	0.370	0.576	0.367
LTE 13	5G NR n66	Right Cheek	0.141	0.202	0.242	0.255	0.310	0.104	0.429	0.487	0.141	1.014	0.702	0.653	0.913	0.971
		Right Tilted	0.095	0.137	0.061	0.073	0.065	0.064	0.353	0.117	0.000	0.646	0.369	0.297	0.585	0.349
		Left Cheek	0.147	0.321	0.157	0.080	0.201	0.094	0.325	0.174	0.000	0.950	0.642	0.669	0.793	0.642
		Left Tilted	0.089	0.149	0.053	0.000	0.102	0.055	0.308	0.099	0.000	0.599	0.293	0.340	0.546	0.337

5G NR FR1\_EN-DC (Body-worn)

LTE Band	NR Band	Position	A	B	C	D	E	F	G	H	I	A+B+C+G	A+B+D+F	A+B+E	A+B+G+I	A+B+H+I
			Max WWAN	Max NR	WLAN 2.4GHz Ant 0	WLAN 2.4GHz Ant 1	WLAN 2.4GHz Ant 0+1	WLAN 5GHz Ant 0	WLAN 5GHz Ant 1	WLAN 5GHz Ant 0+1	BT Ant 0	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg
			1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg
LTE 5	5G NR n2	Front Face	0.202	0.257	0.022	0.016	0.021	0.031	0.073	0.076	0.004	0.554	0.506	0.480	0.536	0.539
		Rear Face	0.192	0.188	0.061	0.098	0.144	0.078	0.173	0.233	0.013	0.614	0.556	0.524	0.566	0.626
LTE 13	5G NR n2	Front Face	0.147	0.257	0.022	0.016	0.021	0.031	0.073	0.076	0.004	0.499	0.451	0.425	0.481	0.484
		Rear Face	0.132	0.188	0.061	0.098	0.144	0.078	0.173	0.233	0.013	0.554	0.496	0.464	0.506	0.566
LTE 2	5G NR n5	Front Face	0.218	0.136	0.022	0.016	0.021	0.031	0.073	0.076	0.004	0.449	0.401	0.375	0.431	0.434
		Rear Face	0.177	0.135	0.061	0.098	0.144	0.078	0.173	0.233	0.013	0.546	0.488	0.456	0.498	0.558
LTE 66	5G NR n5	Front Face	0.271	0.136	0.022	0.016	0.021	0.031	0.073	0.076	0.004	0.502	0.454	0.428	0.484	0.487
		Rear Face	0.172	0.135	0.061	0.098	0.144	0.078	0.173	0.233	0.013	0.541	0.483	0.451	0.493	0.553
LTE 5	5G NR n66	Front Face	0.202	0.296	0.022	0.016	0.021	0.031	0.073	0.076	0.004	0.593	0.545	0.519	0.575	0.578
		Rear Face	0.192	0.242	0.061	0.098	0.144	0.078	0.173	0.233	0.013	0.668	0.610	0.578	0.620	0.680
LTE 13	5G NR n66	Front Face	0.147	0.296	0.022	0.016	0.021	0.031	0.073	0.076	0.004	0.538	0.490	0.464	0.520	0.523
		Rear Face	0.132	0.242	0.061	0.098	0.144	0.078	0.173	0.233	0.013	0.608	0.550	0.518	0.560	0.620

5G NR FR1\_EN-DC (Hotspot)

LTE Band	NR Band	Position	A	B	C	D	E	F	G	H	I	A+B+C+G	A+B+D+F	A+B+E	A+B+G+I	A+B+H+I
			Max WWAN	Max NR	WLAN 2.4GHz Ant 0	WLAN 2.4GHz Ant 1	WLAN 2.4GHz Ant 0+1	WLAN 5GHz Ant 0	WLAN 5GHz Ant 1	WLAN 5GHz Ant 0+1	BT Ant 0	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg
			1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg
LTE 5	5G NR n2	Front Face	0.235	0.401	0.000	0.000	0.000	0.000	0.109	0.124	0.013	0.745	0.636	0.636	0.758	0.773
		Rear Face	0.282	0.324	0.095	0.178	0.291	0.113	0.283	0.288	0.037	0.984	0.897	0.897	0.926	0.931
		Left Side	0.000	0.339	0.071	0.000	0.068	0.170	0.000	0.179	0.017	0.410	0.509	0.407	0.356	0.535
		Right Side	0.095	0.000	0.000	0.159	0.184	0.000	0.439	0.441	0.000	0.534	0.254	0.279	0.534	0.536
		Top Side	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		Bottom Side	0.256	0.182	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.438	0.438	0.438	0.438	0.438
LTE 13	5G NR n2	Front Face	0.152	0.401	0.000	0.000	0.000	0.000	0.109	0.124	0.013	0.662	0.553	0.553	0.675	0.690
		Rear Face	0.164	0.324	0.095	0.178	0.291	0.113	0.283	0.288	0.037	0.866	0.779	0.779	0.808	0.813
		Left Side	0.000	0.339	0.071	0.000	0.068	0.170	0.000	0.179	0.017	0.410	0.509	0.407	0.356	0.535
		Right Side	0.074	0.000	0.000	0.159	0.184	0.000	0.439	0.441	0.000	0.513	0.233	0.258	0.513	0.515
		Top Side	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		Bottom Side	0.131	0.182	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.313	0.313	0.313	0.313	0.313
LTE 2	5G NR n5	Front Face	0.320	0.188	0.000	0.000	0.000	0.000	0.109	0.124	0.013	0.617	0.508	0.508	0.630	0.645
		Rear Face	0.315	0.181	0.095	0.178	0.291	0.113	0.283	0.288	0.037	0.874	0.787	0.787	0.816	0.821
		Left Side	0.000	0.000	0.071	0.000	0.068	0.170	0.000	0.179	0.017	0.071	0.170	0.068	0.017	0.196
		Right Side	0.156	0.058	0.000	0.159	0.184	0.000	0.439	0.441	0.000	0.653	0.373	0.398	0.653	0.655
		Top Side	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		Bottom Side	0.176	0.130	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.306	0.306	0.306	0.306	0.306
LTE 66	5G NR n5	Front Face	0.395	0.188	0.000	0.000	0.000	0.000	0.109	0.124	0.013	0.692	0.583	0.583	0.705	0.720
		Rear Face	0.296	0.181	0.095	0.178	0.291	0.113	0.283	0.288	0.037	0.855	0.768	0.768	0.797	0.802
		Left Side	0.068	0.000	0.071	0.000	0.068	0.170	0.000	0.179	0.017	0.139	0.238	0.136	0.085	0.264
		Right Side	0.142	0.058	0.000	0.159	0.184	0.000	0.439	0.441	0.000	0.639	0.359	0.384	0.639	0.641
		Top Side	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		Bottom Side	0.174	0.130	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.174	0.304	0.174	0.304	0.174
LTE 5	5G NR n66	Front Face	0.235	0.401	0.000	0.000	0.000	0.000	0.109	0.124	0.013	0.745	0.636	0.636	0.758	0.773
		Rear Face	0.282	0.324	0.095	0.178	0.291	0.113	0.283	0.288	0.037	0.984	0.897	0.897	0.926	0.931
		Left Side	0.000	0.166	0.071	0.000	0.068	0.170	0.000	0.179	0.017	0.237	0.336	0.234	0.183	0.362
		Right Side	0.095	0.000	0.000	0.159	0.184	0.000	0.439	0.441	0.000	0.534	0.254	0.279	0.534	0.536
		Top Side	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		Bottom Side	0.256	0.183	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.439	0.439	0.439	0.439	0.439
LTE 13	5G NR n66	Front Face	0.152	0.401	0.000	0.000	0.000	0.000	0.109	0.124	0.013	0.662	0.553	0.553	0.675	0.690
		Rear Face	0.164	0.324	0.095	0.178	0.291	0.113	0.283	0.288	0.037	0.866	0.779	0.779	0.808	0.813
		Left Side	0.000	0.166	0.071	0.000	0.068	0.170	0.000	0.179	0.017	0.237	0.336	0.234	0.183	0.362
		Right Side	0.074	0.000	0.000	0.159	0.184	0.000	0.439	0.441	0.000	0.513	0.233	0.258	0.513	0.515
		Top Side	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		Bottom Side	0.131	0.183	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.314	0.314	0.314	0.314	0.314