

GSM1900 Ant 1	Uplink Channel	512	661	810	Tune up (dBm)
	Uplink Frequency	1850.2	1880	1909.8	
	GSM	29.51	29.92	29.85	30
	GPRS/EGPRS(GMSK) 1TX Slot	29.59	29.75	29.52	30
	GPRS/EGPRS(GMSK) 2TX Slot	29.31	29.36	29.16	29.5
	GPRS/EGPRS(GMSK) 3TX Slot	26	26.18	26.38	26.5
	GPRS/EGPRS(GMSK) 4TX Slot	25.12	25.25	24.76	25.5
	EGPRS(8PSK) 1TX Slot	23	22.79	22.55	23
	EGPRS(8PSK) 2TX Slot	22.2	22.34	22.24	22.5
	EGPRS(8PSK) 3TX Slot	19.1	19.44	19.23	19.5
	EGPRS(8PSK) 4TX Slot	17.68	18.48	18.09	18.5

GSM850 Ant 1	Uplink Channel	128	189	251	Tune up (dBm)
	Uplink Frequency	824.2	836.4	848.8	
	GSM	23.15	23	23.38	24
	GPRS/EGPRS(GMSK) 1TX Slot	23.28	23.23	23.32	24
	GPRS/EGPRS(GMSK) 2TX Slot	26.02	26.13	26.12	27
	GPRS/EGPRS(GMSK) 3TX Slot	27.98	27.97	28.04	28.24
	GPRS/EGPRS(GMSK) 4TX Slot	27.98	27.85	28.1	28.5
	EGPRS(8PSK) 1TX Slot	17.78	17.81	17.51	18
	EGPRS(8PSK) 2TX Slot	20.62	20.66	20.84	21
	EGPRS(8PSK) 3TX Slot	21.05	20.94	21.13	21.24
	EGPRS(8PSK) 4TX Slot	21.45	21.45	21.39	21.5

GSM1900 Ant 1	Uplink Channel	512	661	810	Tune up (dBm)
	Uplink Frequency	1850.2	1880	1909.8	
	GSM	20.51	20.92	20.85	21
	GPRS/EGPRS(GMSK) 1TX Slot	20.59	20.75	20.52	21
	GPRS/EGPRS(GMSK) 2TX Slot	23.31	23.36	23.16	23.5
	GPRS/EGPRS(GMSK) 3TX Slot	21.74	21.92	22.12	22.24
	GPRS/EGPRS(GMSK) 4TX Slot	22.12	22.25	21.76	22.5
	EGPRS(8PSK) 1TX Slot	14	13.79	13.55	14
	EGPRS(8PSK) 2TX Slot	16.2	16.34	16.24	16.5
	EGPRS(8PSK) 3TX Slot	14.84	15.18	14.97	15.24
	EGPRS(8PSK) 4TX Slot	14.68	15.48	15.09	15.5

GSM1900 Ant 2	Uplink Channel	512	661	810	Tune up (dBm)
	Uplink Frequency	1850.2	1880	1909.8	
	GSM	29.89	29.91	29.81	30
	GPRS/EGPRS(GMSK) 1TX Slot	29.73	29.71	29.83	30
	GPRS/EGPRS(GMSK) 2TX Slot	27.29	27.46	27.25	27.5
	GPRS/EGPRS(GMSK) 3TX Slot	25.12	25.29	25.37	25.5
	GPRS/EGPRS(GMSK) 4TX Slot	24.09	24.37	24.1	24.5
	EGPRS(8PSK) 1TX Slot	22.85	22.66	22.69	23
	EGPRS(8PSK) 2TX Slot	20.27	20.36	20.39	20.5
	EGPRS(8PSK) 3TX Slot	18.1	18.08	18.37	18.5
	EGPRS(8PSK) 4TX Slot	17.07	17.09	17.3	17.5

GSM1900 Ant 2	Uplink Channel	512	661	810	Tune up (dBm)
	Uplink Frequency	1850.2	1880	1909.8	
	GSM	20.89	20.91	20.81	21
	GPRS/EGPRS(GMSK) 1TX Slot	20.73	20.71	20.83	21
	GPRS/EGPRS(GMSK) 2TX Slot	21.29	21.46	21.25	21.5
	GPRS/EGPRS(GMSK) 3TX Slot	20.86	21.03	21.11	21.24
	GPRS/EGPRS(GMSK) 4TX Slot	21.09	21.37	21.1	21.5
	EGPRS(8PSK) 1TX Slot	13.85	13.66	13.69	14
	EGPRS(8PSK) 2TX Slot	14.27	14.36	14.39	14.5
	EGPRS(8PSK) 3TX Slot	13.84	13.82	14.11	14.24
	EGPRS(8PSK) 4TX Slot	14.07	14.09	14.3	14.5

GSM1900 Ant 3	Uplink Channel	512	661	810	Tune up
	Uplink Frequency	1850.2	1880	1909.8	(dBm)
	GSM	29.11	29.85	29.48	30
	GPRS/EGPRS(GMSK) 1TX Slot	29.02	29.64	29.26	30
	GPRS/EGPRS(GMSK) 2TX Slot	29.39	29.72	29.78	30
	GPRS/EGPRS(GMSK) 3TX Slot	29.27	29.77	29.03	30
	GPRS/EGPRS(GMSK) 4TX Slot	29.16	29.34	29.04	29.5
	EGPRS(8PSK) 1TX Slot	22.59	23	22.72	23
	EGPRS(8PSK) 2TX Slot	22.83	22.56	22.5	23
	EGPRS(8PSK) 3TX Slot	22.82	22.88	22.66	23
	EGPRS(8PSK) 4TX Slot	22.38	22.39	22.39	22.5

GSM1900 Ant 3	Uplink Channel	512	661	810	Tune up
	Uplink Frequency	1850.2	1880	1909.8	(dBm)
	GSM	20.11	20.85	20.48	21
	GPRS/EGPRS(GMSK) 1TX Slot	20.02	20.64	20.26	21
	GPRS/EGPRS(GMSK) 2TX Slot	23.39	23.72	23.78	24
	GPRS/EGPRS(GMSK) 3TX Slot	25.01	25.51	24.77	25.74
	GPRS/EGPRS(GMSK) 4TX Slot	26.16	26.34	26.04	26.5
	EGPRS(8PSK) 1TX Slot	13.59	14	13.72	14
	EGPRS(8PSK) 2TX Slot	16.83	16.56	16.5	17
	EGPRS(8PSK) 3TX Slot	18.56	18.62	18.4	18.74
	EGPRS(8PSK) 4TX Slot	19.38	19.39	19.39	19.5

8.3. Measured Conducted Power Results for WCDMA

Test Notes:

- [1] Per KDB Publication 941225 D01, W-CDMA maximum output power is verified on the high, middle and low channels and using the appropriate 12.2 kbps RMC with TPC (transmit power control) set to all "1's".
- [2] For Release 99 Setup Procedures used to establish the test signals, the following tests were completed according to the test requirements outlined in section 5.2 of the 3GPP TS 34.121-1. A summary of these settings is illustrated below:

Mode	Subtest	Rel. 99
WCDMA General Settings	Loopback Mode	Test Mode 2
	Rel.99 RMC	12.2 kbps RMC
	Power Control Algorithm	Algorithm 2
	β_c / β_d	8/15

<Head Mode DSI-2>

WCDMA II Ant 0	Uplink Channel	9262	9400	9538	Tune up (dBm)	MPR
	Uplink Frequency	1852.4	1880.0	1907.6		
	RMC 12.2Kbps	23.14	23.2	23.18	23.5	-
	HSDPA Subtest 1	22.6	22.6	22.65	23	0
	HSDPA Subtest 2	22.63	22.62	22.62	23	0
	HSDPA Subtest 3	22.11	22.1	22.19	22.5	0-0.5
	HSDPA Subtest 4	22.11	22.12	22.15	22.5	0-0.5
	HSUPA Subtest 1	22.67	22.67	22.68	23	0
	HSUPA Subtest 2	20.6	20.69	20.66	21	0-2
	HSUPA Subtest 3	21.65	21.62	21.6	22	0-1
	HSUPA Subtest 4	20.66	20.67	20.62	21	0-2
	HSUPA Subtest 5	22.69	22.7	22.62	23	0
	DC-HSDPA Subtest 1	22.66	22.7	22.65	23	0
	DC-HSDPA Subtest 2	22.6	22.6	22.68	23	0
	DC-HSDPA Subtest 3	22.13	22.17	22.18	22.5	0-0.5
	DC-HSDPA Subtest 4	22.16	22.16	22.13	22.5	0-0.5
	HSPA+ Subtest 1	20.15	20.15	20.17	20.5	0-2.5

WCDMA IV Ant 0	Uplink Channel	1312	1413	1513	Tune up (dBm)	MPR
	Uplink Frequency	1712.4	1732.6	1752.6		
	RMC 12.2Kbps	23.16	23.3	23.1	23.5	-
	HSDPA Subtest 1	22.7	22.63	22.6	23	0
	HSDPA Subtest 2	22.69	22.67	22.65	23	0
	HSDPA Subtest 3	22.19	22.11	22.16	22.5	0-0.5
	HSDPA Subtest 4	22.11	22.1	22.17	22.5	0-0.5
	HSUPA Subtest 1	22.7	22.64	22.63	23	0
	HSUPA Subtest 2	20.69	20.63	20.61	21	0-2
	HSUPA Subtest 3	21.61	21.69	21.61	22	0-1
	HSUPA Subtest 4	20.7	20.65	20.61	21	0-2
	HSUPA Subtest 5	22.7	22.65	22.69	23	0
	DC-HSDPA Subtest 1	22.64	22.62	22.7	23	0
	DC-HSDPA Subtest 2	22.66	22.64	22.64	23	0
	DC-HSDPA Subtest 3	22.19	22.12	22.13	22.5	0-0.5
	DC-HSDPA Subtest 4	22.2	22.17	22.12	22.5	0-0.5
	HSPA+ Subtest 1	20.16	20.16	20.13	20.5	0-2.5

WCDMA V Ant 0	Uplink Channel	4132	4182	4233	Tune up (dBm)	MPR
	Uplink Frequency	826.4	836.4	846.6		
	RMC 12.2Kbps	23.15	23.28	23.14	23.5	-
	HSDPA Subtest 1	22.7	22.68	22.64	23	0
	HSDPA Subtest 2	22.63	22.7	22.69	23	0
	HSDPA Subtest 3	22.12	22.11	22.13	22.5	0-0.5
	HSDPA Subtest 4	22.1	22.2	22.19	22.5	0-0.5
	HSUPA Subtest 1	22.6	22.61	22.61	23	0
	HSUPA Subtest 2	20.61	20.66	20.62	21	0-2
	HSUPA Subtest 3	21.65	21.68	21.67	22	0-1
	HSUPA Subtest 4	20.64	20.68	20.62	21	0-2
	HSUPA Subtest 5	22.63	22.66	22.7	23	0
	DC-HSDPA Subtest 1	22.66	22.69	22.6	23	0
	DC-HSDPA Subtest 2	22.62	22.67	22.68	23	0
	DC-HSDPA Subtest 3	22.13	22.13	22.13	22.5	0-0.5
	DC-HSDPA Subtest 4	22.11	22.11	22.12	22.5	0-0.5
	HSPA+ Subtest 1	20.12	20.18	20.1	20.5	0-2.5

WCDMA II Ant 1	Uplink Channel	9262	9400	9538	Tune up (dBm)	MPR
	Uplink Frequency	1852.4	1880.0	1907.6		
	RMC 12.2Kbps	23.63	23.65	23.62	24	-
	HSDPA Subtest 1	23.03	23.14	23.18	23.5	0
	HSDPA Subtest 2	23.17	23.2	23.12	23.5	0
	HSDPA Subtest 3	22.52	22.7	22.51	23	0-0.5
	HSDPA Subtest 4	22.61	22.67	22.6	23	0-0.5
	HSUPA Subtest 1	23.09	23.04	23.15	23.5	0
	HSUPA Subtest 2	21.13	21.15	21.16	21.5	0-2
	HSUPA Subtest 3	22.2	22.09	22	22.5	0-1
	HSUPA Subtest 4	21.08	21.11	21.17	21.5	0-2
	HSUPA Subtest 5	23.06	23.1	23.07	23.5	0
	DC-HSDPA Subtest 1	23.15	23.09	23.12	23.5	0
	DC-HSDPA Subtest 2	23.03	23.04	23.14	23.5	0
	DC-HSDPA Subtest 3	22.53	22.6	22.54	23	0-0.5
	DC-HSDPA Subtest 4	22.52	22.56	22.6	23	0-0.5
	HSPA+ Subtest 1	20.68	20.62	20.51	21	0-2.5

WCDMA IV Ant 1	Uplink Channel	1312	1413	1513	Tune up (dBm)	MPR
	Uplink Frequency	1712.4	1732.6	1752.6		
	RMC 12.2Kbps	23.64	23.66	23.57	24	-
	HSDPA Subtest 1	23	23.11	23.07	23.5	0
	HSDPA Subtest 2	23.01	23.2	23.2	23.5	0
	HSDPA Subtest 3	22.63	22.62	22.61	23	0-0.5
	HSDPA Subtest 4	22.6	22.69	22.69	23	0-0.5
	HSUPA Subtest 1	23.19	23.11	23.17	23.5	0
	HSUPA Subtest 2	21.12	21.16	21	21.5	0-2
	HSUPA Subtest 3	22	22.08	22.1	22.5	0-1
	HSUPA Subtest 4	21.01	21.2	21.05	21.5	0-2
	HSUPA Subtest 5	23.07	23.16	23.03	23.5	0
	DC-HSDPA Subtest 1	23.14	23.03	23.11	23.5	0
	DC-HSDPA Subtest 2	23.02	23.08	23.09	23.5	0
	DC-HSDPA Subtest 3	22.68	22.6	22.6	23	0-0.5
	DC-HSDPA Subtest 4	22.58	22.55	22.55	23	0-0.5
	HSPA+ Subtest 1	20.62	20.68	20.54	21	0-2.5

WCDMA V Ant 1	Uplink Channel	4132	4182	4233	Tune up (dBm)	MPR
	Uplink Frequency	826.4	836.4	846.6		
	RMC 12.2Kbps	23.57	23.6	23.54	24	-
	HSDPA Subtest 1	23.1	23.02	23	23.5	0
	HSDPA Subtest 2	23.02	23.02	23.02	23.5	0
	HSDPA Subtest 3	22.55	22.57	22.54	23	0-0.5
	HSDPA Subtest 4	22.57	22.59	22.51	23	0-0.5
	HSUPA Subtest 1	23.09	23.01	23.04	23.5	0
	HSUPA Subtest 2	21	21.01	21.09	21.5	0-2
	HSUPA Subtest 3	22.05	22.1	22.1	22.5	0-1
	HSUPA Subtest 4	21.03	21.04	21.08	21.5	0-2
	HSUPA Subtest 5	23.07	23.07	23.03	23.5	0
	DC-HSDPA Subtest 1	23.08	23.1	23.01	23.5	0
	DC-HSDPA Subtest 2	23.03	23.08	23.08	23.5	0
	DC-HSDPA Subtest 3	22.59	22.58	22.51	23	0-0.5
	DC-HSDPA Subtest 4	22.59	22.59	22.52	23	0-0.5
	HSPA+ Subtest 1	20.5	20.57	20.5	21	0-2.5

WCDMA II Ant 2	Uplink Channel	9262	9400	9538	Tune up (dBm)	MPR
	Uplink Frequency	1852.4	1880.0	1907.6		
	RMC 12.2Kbps	23.05	23.18	23.11	23.5	-
	HSDPA Subtest 1	22.48	22.58	22.45	23	0
	HSDPA Subtest 2	22.58	22.44	22.54	23	0
	HSDPA Subtest 3	21.99	22.03	21.9	22.5	0-0.5
	HSDPA Subtest 4	21.95	21.99	21.99	22.5	0-0.5
	HSUPA Subtest 1	22.41	22.48	22.4	23	0
	HSUPA Subtest 2	20.49	20.52	20.42	21	0-2
	HSUPA Subtest 3	21.43	21.52	21.5	22	0-1
	HSUPA Subtest 4	20.51	20.48	20.47	21	0-2
	HSUPA Subtest 5	22.42	22.4	22.48	23	0
	DC-HSDPA Subtest 1	22.45	22.59	22.5	23	0
	DC-HSDPA Subtest 2	22.6	22.46	22.45	23	0
	DC-HSDPA Subtest 3	22.01	22.03	21.96	22.5	0-0.5
	DC-HSDPA Subtest 4	22.05	21.99	21.99	22.5	0-0.5
	HSPA+ Subtest 1	20.03	19.99	20	20.5	0-2.5

WCDMA IV Ant 2	Uplink Channel	1312	1413	1513	Tune up (dBm)	MPR
	Uplink Frequency	1712.4	1732.6	1752.6		
	RMC 12.2Kbps	23.03	23.15	23.11	23.5	-
	HSDPA Subtest 1	22.52	22.45	22.58	23	0
	HSDPA Subtest 2	22.5	22.4	22.47	23	0
	HSDPA Subtest 3	22.1	22.08	21.94	22.5	0-0.5
	HSDPA Subtest 4	21.92	21.94	22.1	22.5	0-0.5
	HSUPA Subtest 1	22.47	22.55	22.52	23	0
	HSUPA Subtest 2	20.49	20.58	20.55	21	0-2
	HSUPA Subtest 3	21.58	21.5	21.56	22	0-1
	HSUPA Subtest 4	20.47	20.44	20.51	21	0-2
	HSUPA Subtest 5	22.47	22.59	22.47	23	0
	DC-HSDPA Subtest 1	22.43	22.51	22.56	23	0
	DC-HSDPA Subtest 2	22.54	22.46	22.48	23	0
	DC-HSDPA Subtest 3	22.05	22	22.06	22.5	0-0.5
	DC-HSDPA Subtest 4	22	21.94	22.02	22.5	0-0.5
	HSPA+ Subtest 1	20.08	19.92	20.02	20.5	0-2.5

	Uplink Channel	9262	9400	9538	Tune up (dBm)	MPR
	Uplink Frequency	1852.4	1880.0	1907.6		
WCDMA II Ant 3	RMC 12.2Kbps	23.52	23.68	23.58	24	-
	HSDPA Subtest 1	22.87	22.94	23.17	23.5	0
	HSDPA Subtest 2	23.13	22.96	23.19	23.5	0
	HSDPA Subtest 3	22.52	22.69	22.46	23	0-0.5
	HSDPA Subtest 4	22.46	22.53	22.56	23	0-0.5
	HSUPA Subtest 1	23.08	22.97	23.02	23.5	0
	HSUPA Subtest 2	20.85	20.93	21.07	21.5	0-2
	HSUPA Subtest 3	21.89	22.16	22.2	22.5	0-1
	HSUPA Subtest 4	21.04	20.88	20.85	21.5	0-2
	HSUPA Subtest 5	23.02	23.09	22.99	23.5	0
	DC-HSDPA Subtest 1	22.82	22.83	22.87	23.5	0
	DC-HSDPA Subtest 2	23.01	23.18	23.02	23.5	0
	DC-HSDPA Subtest 3	22.3	22.56	22.7	23	0-0.5
	DC-HSDPA Subtest 4	22.32	22.48	22.5	23	0-0.5
	HSPA+ Subtest 1	20.42	20.45	20.6	21	0-2.5

	Uplink Channel	1312	1413	1513	Tune up (dBm)	MPR
	Uplink Frequency	1712.4	1732.6	1752.6		
WCDMA IV Ant 3	RMC 12.2Kbps	23.41	23.54	23.31	24	-
	HSDPA Subtest 1	23.1	22.92	22.82	23.5	0
	HSDPA Subtest 2	23.06	22.9	22.95	23.5	0
	HSDPA Subtest 3	22.45	22.55	22.44	23	0-0.5
	HSDPA Subtest 4	22.5	22.51	22.51	23	0-0.5
	HSUPA Subtest 1	22.86	23.09	22.83	23.5	0
	HSUPA Subtest 2	20.97	20.88	21.06	21.5	0-2
	HSUPA Subtest 3	22.08	21.84	21.81	22.5	0-1
	HSUPA Subtest 4	20.92	20.9	21.02	21.5	0-2
	HSUPA Subtest 5	23.07	22.91	22.96	23.5	0
	DC-HSDPA Subtest 1	23.09	22.88	22.9	23.5	0
	DC-HSDPA Subtest 2	23.05	22.93	22.89	23.5	0
	DC-HSDPA Subtest 3	22.5	22.49	22.49	23	0-0.5
	DC-HSDPA Subtest 4	22.55	22.44	22.56	23	0-0.5
	HSPA+ Subtest 1	20.47	20.54	20.39	21	0-2.5

<Body Mode DSI-4>

	Uplink Channel	9262	9400	9538	Tune up (dBm)	MPR
	Uplink Frequency	1852.4	1880.0	1907.6		
WCDMA II Ant 0	RMC 12.2Kbps	23.44	23.54	23.37	24	-
	HSDPA Subtest 1	22.65	22.8	22.6	23.5	0
	HSDPA Subtest 2	22.52	22.65	22.49	23.5	0
	HSDPA Subtest 3	22.15	22.31	22.12	23	0-0.5
	HSDPA Subtest 4	22.13	22.29	22.05	23	0-0.5
	HSUPA Subtest 1	22.13	22.07	22.18	23.5	0
	HSUPA Subtest 2	20.31	20.1	20.12	21.5	0-2
	HSUPA Subtest 3	21.18	21.06	21.32	22.5	0-1
	HSUPA Subtest 4	20.67	20.91	20.88	21.5	0-2
	HSUPA Subtest 5	22.6	22.74	22.81	23.5	0
	DC-HSDPA Subtest 1	22.06	22.17	22.11	23.5	0
	DC-HSDPA Subtest 2	22.05	22.1	22.16	23.5	0
	DC-HSDPA Subtest 3	22.66	22.61	22.65	23	0-0.5
	DC-HSDPA Subtest 4	22.74	22.73	22.67	23	0-0.5
	HSPA+ Subtest 1	20.74	20.71	20.94	21	0-2.5

	Uplink Channel	1312	1413	1513	Tune up (dBm)	MPR
	Uplink Frequency	1712.4	1732.6	1752.6		
WCDMA IV Ant 0	RMC 12.2Kbps	23.42	23.57	23.48	24	-
	HSDPA Subtest 1	22.69	22.77	22.84	23.5	0
	HSDPA Subtest 2	22.54	22.61	22.71	23.5	0
	HSDPA Subtest 3	22.18	22.24	22.32	23	0-0.5
	HSDPA Subtest 4	22.16	22.26	22.34	23	0-0.5
	HSUPA Subtest 1	22.15	22.04	22.1	23.5	0
	HSUPA Subtest 2	20	20.13	20.11	21.5	0-2
	HSUPA Subtest 3	21.16	21.08	21.15	22.5	0-1
	HSUPA Subtest 4	20.54	20.89	20.41	21.5	0-2
	HSUPA Subtest 5	22.34	22.35	22.15	23.5	0
	DC-HSDPA Subtest 1	22.1	22.01	22.16	23.5	0
	DC-HSDPA Subtest 2	22.11	22.07	22.02	23.5	0
	DC-HSDPA Subtest 3	22.61	22.62	22.76	23	0-0.5
	DC-HSDPA Subtest 4	22.65	22.6	22.74	23	0-0.5
	HSPA+ Subtest 1	20.81	20.76	20.85	21	0-2.5

	Uplink Channel	4132	4182	4233	Tune up (dBm)	MPR
	Uplink Frequency	826.4	836.4	846.6		
WCDMA V Ant 0	RMC 12.2Kbps	23.33	23.46	23.37	24	-
	HSDPA Subtest 1	22.55	22.72	22.65	23.5	0
	HSDPA Subtest 2	22.39	22.58	22.48	23.5	0
	HSDPA Subtest 3	22.06	22.21	22.13	23	0-0.5
	HSDPA Subtest 4	22.01	22.19	22.13	23	0-0.5
	HSUPA Subtest 1	22.12	22.21	22.34	23.5	0
	HSUPA Subtest 2	20.31	20.41	20.39	21.5	0-2
	HSUPA Subtest 3	21.18	21.05	21.15	22.5	0-1
	HSUPA Subtest 4	20.91	20.83	20.73	21.5	0-2
	HSUPA Subtest 5	22.32	22.42	22.53	23.5	0
	DC-HSDPA Subtest 1	22.14	22.01	22.15	23.5	0
	DC-HSDPA Subtest 2	22.08	22.05	22.06	23.5	0
	DC-HSDPA Subtest 3	22.63	22.6	22.78	23	0-0.5
	DC-HSDPA Subtest 4	22.81	22.72	22.81	23	0-0.5
	HSPA+ Subtest 1	20.89	21	20.67	21	0-2.5

	Uplink Channel	9262	9400	9538	Tune up (dBm)	MPR
	Uplink Frequency	1852.4	1880.0	1907.6		
WCDMA II Ant 1	RMC 12.2Kbps	23.63	23.65	23.62	24	-
	HSDPA Subtest 1	23.03	23.14	23.18	23.5	0
	HSDPA Subtest 2	23.17	23.2	23.12	23.5	0
	HSDPA Subtest 3	22.52	22.7	22.51	23	0-0.5
	HSDPA Subtest 4	22.61	22.67	22.6	23	0-0.5
	HSUPA Subtest 1	23.09	23.04	23.15	23.5	0
	HSUPA Subtest 2	21.13	21.15	21.16	21.5	0-2
	HSUPA Subtest 3	22.2	22.09	22	22.5	0-1
	HSUPA Subtest 4	21.08	21.11	21.17	21.5	0-2
	HSUPA Subtest 5	23.06	23.1	23.07	23.5	0
	DC-HSDPA Subtest 1	23.15	23.09	23.12	23.5	0
	DC-HSDPA Subtest 2	23.03	23.04	23.14	23.5	0
	DC-HSDPA Subtest 3	22.53	22.6	22.54	23	0-0.5
	DC-HSDPA Subtest 4	22.52	22.56	22.6	23	0-0.5
	HSPA+ Subtest 1	20.68	20.62	20.51	21	0-2.5

	Uplink Channel	1312	1413	1513	Tune up (dBm)	MPR
	Uplink Frequency	1712.4	1732.6	1752.6		
WCDMA IV Ant 1	RMC 12.2Kbps	23.64	23.66	23.57	24	-
	HSDPA Subtest 1	23	23.11	23.07	23.5	0
	HSDPA Subtest 2	23.01	23.2	23.2	23.5	0
	HSDPA Subtest 3	22.63	22.62	22.61	23	0-0.5
	HSDPA Subtest 4	22.6	22.69	22.69	23	0-0.5
	HSUPA Subtest 1	23.19	23.11	23.17	23.5	0
	HSUPA Subtest 2	21.12	21.16	21	21.5	0-2
	HSUPA Subtest 3	22	22.08	22.1	22.5	0-1
	HSUPA Subtest 4	21.01	21.2	21.05	21.5	0-2
	HSUPA Subtest 5	23.07	23.16	23.03	23.5	0
	DC-HSDPA Subtest 1	23.14	23.03	23.11	23.5	0
	DC-HSDPA Subtest 2	23.02	23.08	23.09	23.5	0
	DC-HSDPA Subtest 3	22.68	22.6	22.6	23	0-0.5
	DC-HSDPA Subtest 4	22.58	22.55	22.55	23	0-0.5
	HSPA+ Subtest 1	20.62	20.68	20.54	21	0-2.5

	Uplink Channel	4132	4182	4233	Tune up (dBm)	MPR
	Uplink Frequency	826.4	836.4	846.6		
WCDMA V Ant 1	RMC 12.2Kbps	23.57	23.6	23.54	24	-
	HSDPA Subtest 1	23.1	23.02	23	23.5	0
	HSDPA Subtest 2	23.02	23.02	23.02	23.5	0
	HSDPA Subtest 3	22.55	22.57	22.54	23	0-0.5
	HSDPA Subtest 4	22.57	22.59	22.51	23	0-0.5
	HSUPA Subtest 1	23.09	23.01	23.04	23.5	0
	HSUPA Subtest 2	21	21.01	21.09	21.5	0-2
	HSUPA Subtest 3	22.05	22.1	22.1	22.5	0-1
	HSUPA Subtest 4	21.03	21.04	21.08	21.5	0-2
	HSUPA Subtest 5	23.07	23.07	23.03	23.5	0
	DC-HSDPA Subtest 1	23.08	23.1	23.01	23.5	0
	DC-HSDPA Subtest 2	23.03	23.08	23.08	23.5	0
	DC-HSDPA Subtest 3	22.59	22.58	22.51	23	0-0.5
	DC-HSDPA Subtest 4	22.59	22.59	22.52	23	0-0.5
	HSPA+ Subtest 1	20.5	20.57	20.5	21	0-2.5

	Uplink Channel	9262	9400	9538	Tune up (dBm)	MPR
	Uplink Frequency	1852.4	1880.0	1907.6		
WCDMA II Ant 2	RMC 12.2Kbps	23.52	23.66	23.52	24	-
	HSDPA Subtest 1	23.16	23.09	23.2	23.5	0
	HSDPA Subtest 2	23.09	23.09	23.17	23.5	0
	HSDPA Subtest 3	22.66	22.5	22.65	23	0-0.5
	HSDPA Subtest 4	22.54	22.54	22.52	23	0-0.5
	HSUPA Subtest 1	23.2	23.01	23.14	23.5	0
	HSUPA Subtest 2	21.03	21.08	21.11	21.5	0-2
	HSUPA Subtest 3	22.17	22.08	22.08	22.5	0-1
	HSUPA Subtest 4	21.08	21.13	21.07	21.5	0-2
	HSUPA Subtest 5	23.02	23.01	23.18	23.5	0
	DC-HSDPA Subtest 1	23.15	23.1	23.17	23.5	0
	DC-HSDPA Subtest 2	23.03	23.06	23.14	23.5	0
	DC-HSDPA Subtest 3	22.58	22.62	22.52	23	0-0.5
	DC-HSDPA Subtest 4	22.53	22.58	22.69	23	0-0.5
	HSPA+ Subtest 1	20.58	20.54	20.6	21	0-2.5

	Uplink Channel	1312	1413	1513	Tune up (dBm)	MPR
	Uplink Frequency	1712.4	1732.6	1752.6		
WCDMA IV Ant 2	RMC 12.2Kbps	23.5	23.59	23.32	24	-
	HSDPA Subtest 1	22.82	22.99	22.84	23.5	0
	HSDPA Subtest 2	22.87	23.09	23.05	23.5	0
	HSDPA Subtest 3	22.45	22.41	22.5	23	0-0.5
	HSDPA Subtest 4	22.37	22.59	22.52	23	0-0.5
	HSUPA Subtest 1	23.09	22.81	22.91	23.5	0
	HSUPA Subtest 2	20.83	20.94	21.03	21.5	0-2
	HSUPA Subtest 3	22.05	22.07	21.87	22.5	0-1
	HSUPA Subtest 4	20.85	21.1	20.96	21.5	0-2
	HSUPA Subtest 5	22.81	22.87	23.01	23.5	0
	DC-HSDPA Subtest 1	22.86	23.02	22.91	23.5	0
	DC-HSDPA Subtest 2	23.09	23.09	23.07	23.5	0
	DC-HSDPA Subtest 3	22.3	22.33	22.36	23	0-0.5
	DC-HSDPA Subtest 4	22.42	22.48	22.42	23	0-0.5
	HSPA+ Subtest 1	20.53	20.6	20.47	21	0-2.5

	Uplink Channel	9262	9400	9538	Tune up (dBm)	MPR
	Uplink Frequency	1852.4	1880.0	1907.6		
WCDMA II Ant 3	RMC 12.2Kbps	23.52	23.68	23.58	24	-
	HSDPA Subtest 1	22.87	22.94	23.17	23.5	0
	HSDPA Subtest 2	23.13	22.96	23.19	23.5	0
	HSDPA Subtest 3	22.52	22.69	22.46	23	0-0.5
	HSDPA Subtest 4	22.46	22.53	22.56	23	0-0.5
	HSUPA Subtest 1	23.08	22.97	23.02	23.5	0
	HSUPA Subtest 2	20.85	20.93	21.07	21.5	0-2
	HSUPA Subtest 3	21.89	22.16	22.2	22.5	0-1
	HSUPA Subtest 4	21.04	20.88	20.85	21.5	0-2
	HSUPA Subtest 5	23.02	23.09	22.99	23.5	0
	DC-HSDPA Subtest 1	22.82	22.83	22.87	23.5	0
	DC-HSDPA Subtest 2	23.01	23.18	23.02	23.5	0
	DC-HSDPA Subtest 3	22.3	22.56	22.7	23	0-0.5
	DC-HSDPA Subtest 4	22.32	22.48	22.5	23	0-0.5
	HSPA+ Subtest 1	20.42	20.45	20.6	21	0-2.5

	Uplink Channel	1312	1413	1513	Tune up (dBm)	MPR
	Uplink Frequency	1712.4	1732.6	1752.6		
WCDMA IV Ant 3	RMC 12.2Kbps	23.41	23.54	23.31	24	-
	HSDPA Subtest 1	23.1	22.92	22.82	23.5	0
	HSDPA Subtest 2	23.06	22.9	22.95	23.5	0
	HSDPA Subtest 3	22.45	22.55	22.44	23	0-0.5
	HSDPA Subtest 4	22.5	22.51	22.51	23	0-0.5
	HSUPA Subtest 1	22.86	23.09	22.83	23.5	0
	HSUPA Subtest 2	20.97	20.88	21.06	21.5	0-2
	HSUPA Subtest 3	22.08	21.84	21.81	22.5	0-1
	HSUPA Subtest 4	20.92	20.9	21.02	21.5	0-2
	HSUPA Subtest 5	23.07	22.91	22.96	23.5	0
	DC-HSDPA Subtest 1	23.09	22.88	22.9	23.5	0
	DC-HSDPA Subtest 2	23.05	22.93	22.89	23.5	0
	DC-HSDPA Subtest 3	22.5	22.49	22.49	23	0-0.5
	DC-HSDPA Subtest 4	22.55	22.44	22.56	23	0-0.5
	HSPA+ Subtest 1	20.47	20.54	20.39	21	0-2.5

<Body Mode DSI-1>

	Uplink Channel	9262	9400	9538	Tune up (dBm)	MPR
	Uplink Frequency	1852.4	1880.0	1907.6		
WCDMA II Ant 0	RMC 12.2Kbps	20.42	20.47	20.42	20.5	-
	HSDPA Subtest 1	19.86	19.79	19.7	20	0
	HSDPA Subtest 2	19.79	19.79	19.87	20	0
	HSDPA Subtest 3	19.38	19.44	19.41	19.5	0-0.5
	HSDPA Subtest 4	19.34	19.34	19.32	19.5	0-0.5
	HSUPA Subtest 1	19.9	19.81	19.84	20	0
	HSUPA Subtest 2	17.83	17.88	17.81	18	0-2
	HSUPA Subtest 3	18.77	18.88	18.88	19	0-1
	HSUPA Subtest 4	17.88	17.83	17.87	18	0-2
	HSUPA Subtest 5	19.82	19.81	19.88	20	0
	DC-HSDPA Subtest 1	19.85	19.8	19.87	20	0
	DC-HSDPA Subtest 2	19.83	19.86	19.84	20	0
	DC-HSDPA Subtest 3	19.38	19.42	19.32	19.5	0-0.5
	DC-HSDPA Subtest 4	19.33	19.38	19.49	19.5	0-0.5
	HSPA+ Subtest 1	17.48	17.44	17.3	17.5	0-2.5

	Uplink Channel	1312	1413	1513	Tune up (dBm)	MPR
	Uplink Frequency	1712.4	1732.6	1752.6		
WCDMA IV Ant 0	RMC 12.2Kbps	21.44	21.48	21.32	21.5	-
	HSDPA Subtest 1	20.82	20.89	20.84	21	0
	HSDPA Subtest 2	20.87	20.99	20.95	21	0
	HSDPA Subtest 3	20.35	20.31	20.4	20.5	0-0.5
	HSDPA Subtest 4	20.37	20.49	20.42	20.5	0-0.5
	HSUPA Subtest 1	20.99	20.81	20.81	21	0
	HSUPA Subtest 2	18.83	18.94	18.95	19	0-2
	HSUPA Subtest 3	19.85	19.87	19.87	20	0-1
	HSUPA Subtest 4	18.85	18.91	18.89	19	0-2
	HSUPA Subtest 5	20.81	20.87	20.91	21	0
	DC-HSDPA Subtest 1	20.86	20.92	20.81	21	0
	DC-HSDPA Subtest 2	20.99	20.95	20.97	21	0
	DC-HSDPA Subtest 3	20.3	20.33	20.36	20.5	0-0.5
	DC-HSDPA Subtest 4	20.32	20.38	20.32	20.5	0-0.5
	HSPA+ Subtest 1	18.43	18.3	18.47	18.5	0-2.5

	Uplink Channel	4132	4182	4233	Tune up (dBm)	MPR
	Uplink Frequency	826.4	836.4	846.6		
WCDMA V Ant 0	RMC 12.2Kbps	23.33	23.46	23.37	23.5	-
	HSDPA Subtest 1	22.55	22.72	22.65	23	0
	HSDPA Subtest 2	22.39	22.58	22.48	23	0
	HSDPA Subtest 3	22.06	22.21	22.13	22.5	0-0.5
	HSDPA Subtest 4	22.01	22.19	22.13	22.5	0-0.5
	HSUPA Subtest 1	22.12	22.21	22.34	23	0
	HSUPA Subtest 2	20.31	20.41	20.39	21	0-2
	HSUPA Subtest 3	21.18	21.05	21.15	22	0-1
	HSUPA Subtest 4	20.91	20.83	20.73	21	0-2
	HSUPA Subtest 5	22.32	22.42	22.53	23	0
	DC-HSDPA Subtest 1	22.14	22.01	22.15	23	0
	DC-HSDPA Subtest 2	22.08	22.05	22.06	23	0
	DC-HSDPA Subtest 3	22.43	22.45	22.43	22.5	0-0.5
	DC-HSDPA Subtest 4	22.41	22.21	22.36	22.5	0-0.5
	HSPA+ Subtest 1	20.22	20.1	20.31	20.5	0-2.5

WCDMA II Ant 1	Uplink Channel	9262	9400	9538	Tune up (dBm)	MPR
	Uplink Frequency	1852.4	1880.0	1907.6		
	RMC 12.2Kbps	21.43	21.45	21.42	21.5	-
	HSDPA Subtest 1	20.93	20.84	20.88	21	0
	HSDPA Subtest 2	20.87	20.9	20.82	21	0
	HSDPA Subtest 3	20.42	20.3	20.41	20.5	0-0.5
	HSDPA Subtest 4	20.31	20.37	20.3	20.5	0-0.5
	HSUPA Subtest 1	20.99	20.94	20.85	21	0
	HSUPA Subtest 2	18.83	18.85	18.86	19	0-2
	HSUPA Subtest 3	19.77	19.75	19.73	20	0-1
	HSUPA Subtest 4	18.88	18.81	18.87	19	0-2
	HSUPA Subtest 5	20.96	20.8	20.97	21	0
	DC-HSDPA Subtest 1	20.85	20.99	20.82	21	0
	DC-HSDPA Subtest 2	20.93	20.94	20.84	21	0
	DC-HSDPA Subtest 3	20.43	20.3	20.44	20.5	0-0.5
	DC-HSDPA Subtest 4	20.42	20.46	20.3	20.5	0-0.5
	HSPA+ Subtest 1	18.48	18.42	18.44	18.5	0-2.5

WCDMA IV Ant 1	Uplink Channel	1312	1413	1513	Tune up (dBm)	MPR
	Uplink Frequency	1712.4	1732.6	1752.6		
	RMC 12.2Kbps	21.41	21.46	21.45	21.5	-
	HSDPA Subtest 1	20.83	20.81	20.87	21	0
	HSDPA Subtest 2	20.81	20.8	20.8	21	0
	HSDPA Subtest 3	20.43	20.42	20.41	20.5	0-0.5
	HSDPA Subtest 4	20.4	20.49	20.49	20.5	0-0.5
	HSUPA Subtest 1	20.89	20.81	20.87	21	0
	HSUPA Subtest 2	18.72	18.76	18.75	19	0-2
	HSUPA Subtest 3	19.82	19.7	19.71	20	0-1
	HSUPA Subtest 4	18.71	18.7	18.75	19	0-2
	HSUPA Subtest 5	20.87	20.86	20.83	21	0
	DC-HSDPA Subtest 1	20.84	20.83	20.81	21	0
	DC-HSDPA Subtest 2	20.82	20.88	20.89	21	0
	DC-HSDPA Subtest 3	20.48	20.4	20.4	20.5	0-0.5
	DC-HSDPA Subtest 4	20.38	20.35	20.35	20.5	0-0.5
	HSPA+ Subtest 1	18.42	18.48	18.34	18.5	0-2.5

WCDMA V Ant 1	Uplink Channel	4132	4182	4233	Tune up (dBm)	MPR
	Uplink Frequency	826.4	836.4	846.6		
	RMC 12.2Kbps	23.57	23.6	23.54	24	-
	HSDPA Subtest 1	23.1	23.02	23	23.5	0
	HSDPA Subtest 2	23.02	23.02	23.02	23.5	0
	HSDPA Subtest 3	22.55	22.57	22.54	23	0-0.5
	HSDPA Subtest 4	22.57	22.59	22.51	23	0-0.5
	HSUPA Subtest 1	23.09	23.01	23.04	23.5	0
	HSUPA Subtest 2	21	21.01	21.09	21.5	0-2
	HSUPA Subtest 3	22.05	22.1	22.1	22.5	0-1
	HSUPA Subtest 4	21.03	21.04	21.08	21.5	0-2
	HSUPA Subtest 5	23.07	23.07	23.03	23.5	0
	DC-HSDPA Subtest 1	23.08	23.1	23.01	23.5	0
	DC-HSDPA Subtest 2	23.03	23.08	23.08	23.5	0
	DC-HSDPA Subtest 3	22.59	22.58	22.51	23	0-0.5
	DC-HSDPA Subtest 4	22.59	22.59	22.52	23	0-0.5
	HSPA+ Subtest 1	20.5	20.57	20.5	21	0-2.5

	Uplink Channel	9262	9400	9538	Tune up (dBm)	MPR
	Uplink Frequency	1852.4	1880.0	1907.6		
WCDMA II Ant 2	RMC 12.2Kbps	20.41	20.44	20.39	20.5	-
	HSDPA Subtest 1	19.65	19.8	19.6	20	0
	HSDPA Subtest 2	19.52	19.65	19.49	20	0
	HSDPA Subtest 3	19.46	19.41	19.45	19.5	0-0.5
	HSDPA Subtest 4	19.44	19.43	19.47	19.5	0-0.5
	HSUPA Subtest 1	19.83	19.87	19.88	20	0
	HSUPA Subtest 2	17.81	17.9	17.92	18	0-2
	HSUPA Subtest 3	18.18	18.06	18.32	19	0-1
	HSUPA Subtest 4	17.77	17.91	17.86	18	0-2
	HSUPA Subtest 5	19.6	19.74	19.81	20	0
	DC-HSDPA Subtest 1	19.06	19.17	19.11	20	0
	DC-HSDPA Subtest 2	19.05	19.1	19.16	20	0
	DC-HSDPA Subtest 3	19.15	19.31	19.12	19.5	0-0.5
	DC-HSDPA Subtest 4	19.13	19.29	19.05	19.5	0-0.5
	HSPA+ Subtest 1	16.74	16.71	16.94	17.5	0-2.5

	Uplink Channel	1312	1413	1513	Tune up (dBm)	MPR
	Uplink Frequency	1712.4	1732.6	1752.6		
WCDMA IV Ant 2	RMC 12.2Kbps	21.42	21.49	21.48	21.5	-
	HSDPA Subtest 1	20.69	20.77	20.84	21	0
	HSDPA Subtest 2	20.54	20.61	20.71	21	0
	HSDPA Subtest 3	20.18	20.24	20.32	20.5	0-0.5
	HSDPA Subtest 4	20.16	20.26	20.34	20.5	0-0.5
	HSUPA Subtest 1	20.15	20.04	20.1	21	0
	HSUPA Subtest 2	18.39	18.91	18.65	19	0-2
	HSUPA Subtest 3	19.86	19.88	19.85	20	0-1
	HSUPA Subtest 4	18.54	18.89	18.41	19	0-2
	HSUPA Subtest 5	20.34	20.35	20.15	21	0
	DC-HSDPA Subtest 1	20.1	20.01	20.16	21	0
	DC-HSDPA Subtest 2	20.11	20.07	20.02	21	0
	DC-HSDPA Subtest 3	20.41	20.42	20.46	20.5	0-0.5
	DC-HSDPA Subtest 4	20.45	20.4	20.44	20.5	0-0.5
	HSPA+ Subtest 1	16.81	16.76	16.85	18.5	0-2.5

	Uplink Channel	9262	9400	9538	Tune up (dBm)	MPR
	Uplink Frequency	1852.4	1880.0	1907.6		
WCDMA II Ant 3	RMC 12.2Kbps	22.41	22.43	22.38	22.5	-
	HSDPA Subtest 1	21.59	21.66	21.89	22	0
	HSDPA Subtest 2	21.85	21.68	21.91	22	0
	HSDPA Subtest 3	21.24	21.41	21.18	21.5	0-0.5
	HSDPA Subtest 4	21.18	21.25	21.28	21.5	0-0.5
	HSUPA Subtest 1	21.8	21.69	21.74	22	0
	HSUPA Subtest 2	19.57	19.65	19.79	20	0-2
	HSUPA Subtest 3	20.61	20.88	20.92	21	0-1
	HSUPA Subtest 4	19.76	19.6	19.57	20	0-2
	HSUPA Subtest 5	21.74	21.81	21.71	22	0
	DC-HSDPA Subtest 1	21.54	21.55	21.59	22	0
	DC-HSDPA Subtest 2	21.73	21.9	21.74	22	0
	DC-HSDPA Subtest 3	21.02	21.28	21.42	21.5	0-0.5
	DC-HSDPA Subtest 4	21.04	21.2	21.22	21.5	0-0.5
	HSPA+ Subtest 1	19.14	19.17	19.32	19.5	0-2.5

	Uplink Channel	1312	1413	1513	Tune up (dBm)	MPR
	Uplink Frequency	1712.4	1732.6	1752.6		
WCDMA IV Ant 3	RMC 12.2Kbps	23.42	23.43	23.37	23.5	-
	HSDPA Subtest 1	22.99	22.81	22.71	23	0
	HSDPA Subtest 2	22.95	22.79	22.84	23	0
	HSDPA Subtest 3	22.34	22.44	22.33	22.5	0-0.5
	HSDPA Subtest 4	22.39	22.4	22.4	22.5	0-0.5
	HSUPA Subtest 1	22.75	22.98	22.72	23	0
	HSUPA Subtest 2	20.86	20.77	20.95	21	0-2
	HSUPA Subtest 3	21.97	21.73	21.7	22	0-1
	HSUPA Subtest 4	20.81	20.79	20.91	21	0-2
	HSUPA Subtest 5	22.96	22.8	22.85	23	0
	DC-HSDPA Subtest 1	22.98	22.77	22.79	23	0
	DC-HSDPA Subtest 2	22.94	22.82	22.78	23	0
	DC-HSDPA Subtest 3	22.39	22.38	22.38	22.5	0-0.5
	DC-HSDPA Subtest 4	22.44	22.33	22.45	22.5	0-0.5
	HSPA+ Subtest 1	20.36	20.43	20.28	20.5	0-2.5

<HotSpot Mode DSI-3>

	Uplink Channel	9262	9400	9538	Tune up (dBm)	MPR
	Uplink Frequency	1852.4	1880.0	1907.6		
WCDMA II Ant 0	RMC 12.2Kbps	21.3	21.39	21.36	21.5	-
	HSDPA Subtest 1	20.7	20.77	20.75	21	0
	HSDPA Subtest 2	20.85	20.84	20.81	21	0
	HSDPA Subtest 3	20.21	20.26	20.3	20.5	0-0.5
	HSDPA Subtest 4	20.23	20.27	20.35	20.5	0-0.5
	HSUPA Subtest 1	20.81	20.77	20.77	21	0
	HSUPA Subtest 2	18.72	18.76	18.7	19	0-2
	HSUPA Subtest 3	19.71	19.79	19.81	20	0-1
	HSUPA Subtest 4	18.85	18.79	18.76	19	0-2
	HSUPA Subtest 5	20.8	20.82	20.77	21	0
	DC-HSDPA Subtest 1	20.75	20.71	20.78	21	0
	DC-HSDPA Subtest 2	20.79	20.72	20.84	21	0
	DC-HSDPA Subtest 3	20.25	20.34	20.27	20.5	0-0.5
	DC-HSDPA Subtest 4	20.31	20.22	20.22	20.5	0-0.5
	HSPA+ Subtest 1	18.34	18.34	18.34	18.5	0-2.5

	Uplink Channel	1312	1413	1513	Tune up (dBm)	MPR
	Uplink Frequency	1712.4	1732.6	1752.6		
WCDMA IV Ant 0	RMC 12.2Kbps	23.33	23.45	23.44	23.5	-
	HSDPA Subtest 1	22.77	22.7	22.75	23	0
	HSDPA Subtest 2	22.77	22.72	22.81	23	0
	HSDPA Subtest 3	22.3	22.31	22.23	22.5	0-0.5
	HSDPA Subtest 4	22.21	22.35	22.22	22.5	0-0.5
	HSUPA Subtest 1	22.72	22.74	22.77	23	0
	HSUPA Subtest 2	20.74	20.82	20.78	21	0-2
	HSUPA Subtest 3	21.72	21.77	21.78	22	0-1
	HSUPA Subtest 4	20.81	20.71	20.7	21	0-2
	HSUPA Subtest 5	22.73	22.84	22.72	23	0
	DC-HSDPA Subtest 1	22.85	22.77	22.72	23	0
	DC-HSDPA Subtest 2	22.79	22.8	22.73	23	0
	DC-HSDPA Subtest 3	22.23	22.21	22.24	22.5	0-0.5
	DC-HSDPA Subtest 4	22.25	22.2	22.22	22.5	0-0.5
	HSPA+ Subtest 1	20.2	20.2	20.25	20.5	0-2.5

	Uplink Channel	4132	4182	4233	Tune up (dBm)	MPR
	Uplink Frequency	826.4	836.4	846.6		
WCDMA V Ant 0	RMC 12.2Kbps	23.33	23.46	23.37	23.5	-
	HSDPA Subtest 1	22.55	22.72	22.65	23	0
	HSDPA Subtest 2	22.39	22.58	22.48	23	0
	HSDPA Subtest 3	22.06	22.21	22.13	22.5	0-0.5
	HSDPA Subtest 4	22.01	22.19	22.13	22.5	0-0.5
	HSUPA Subtest 1	22.12	22.21	22.34	23	0
	HSUPA Subtest 2	20.31	20.41	20.39	21	0-2
	HSUPA Subtest 3	21.18	21.05	21.15	22	0-1
	HSUPA Subtest 4	20.91	20.83	20.73	21	0-2
	HSUPA Subtest 5	22.32	22.42	22.53	23	0
	DC-HSDPA Subtest 1	22.14	22.01	22.15	23	0
	DC-HSDPA Subtest 2	22.08	22.05	22.06	23	0
	DC-HSDPA Subtest 3	22.43	22.45	22.43	22.5	0-0.5
	DC-HSDPA Subtest 4	22.41	22.21	22.36	22.5	0-0.5
	HSPA+ Subtest 1	20.22	20.1	20.31	20.5	0-2.5

WCDMA II Ant 1	Uplink Channel	9262	9400	9538	Tune up (dBm)	MPR
	Uplink Frequency	1852.4	1880.0	1907.6		
	RMC 12.2Kbps	22.33	22.4	22.37	22.5	-
	HSDPA Subtest 1	21.79	21.83	21.8	22	0
	HSDPA Subtest 2	21.76	21.73	21.82	22	0
	HSDPA Subtest 3	21.29	21.31	21.28	21.5	0-0.5
	HSDPA Subtest 4	21.26	21.28	21.33	21.5	0-0.5
	HSUPA Subtest 1	21.81	21.77	21.77	22	0
	HSUPA Subtest 2	19.7	19.71	19.73	20	0-2
	HSUPA Subtest 3	20.75	20.81	20.79	21	0-1
	HSUPA Subtest 4	19.8	19.71	19.8	20	0-2
	HSUPA Subtest 5	21.72	21.7	21.78	22	0
	DC-HSDPA Subtest 1	21.79	21.8	21.83	22	0
	DC-HSDPA Subtest 2	21.73	21.71	21.72	22	0
	DC-HSDPA Subtest 3	21.27	21.33	21.25	21.5	0-0.5
	DC-HSDPA Subtest 4	21.24	21.27	21.31	21.5	0-0.5
	HSPA+ Subtest 1	19.22	19.27	19.34	19.5	0-2.5

WCDMA IV Ant 1	Uplink Channel	1312	1413	1513	Tune up (dBm)	MPR
	Uplink Frequency	1712.4	1732.6	1752.6		
	RMC 12.2Kbps	23.39	23.45	23.35	23.5	-
	HSDPA Subtest 1	22.71	22.77	22.7	23	0
	HSDPA Subtest 2	22.85	22.7	22.75	23	0
	HSDPA Subtest 3	22.21	22.22	22.26	22.5	0-0.5
	HSDPA Subtest 4	22.3	22.2	22.2	22.5	0-0.5
	HSUPA Subtest 1	22.71	22.74	22.76	23	0
	HSUPA Subtest 2	20.77	20.82	20.79	21	0-2
	HSUPA Subtest 3	21.84	21.7	21.84	22	0-1
	HSUPA Subtest 4	20.7	20.76	20.74	21	0-2
	HSUPA Subtest 5	22.74	22.84	22.79	23	0
	DC-HSDPA Subtest 1	22.8	22.72	22.75	23	0
	DC-HSDPA Subtest 2	22.83	22.71	22.77	23	0
	DC-HSDPA Subtest 3	22.32	22.31	22.31	22.5	0-0.5
	DC-HSDPA Subtest 4	22.31	22.31	22.25	22.5	0-0.5
	HSPA+ Subtest 1	20.33	20.35	20.32	20.5	0-2.5

WCDMA V Ant 1	Uplink Channel	4132	4182	4233	Tune up (dBm)	MPR
	Uplink Frequency	826.4	836.4	846.6		
	RMC 12.2Kbps	23.57	23.6	23.54	24	-
	HSDPA Subtest 1	23.1	23.02	23	23.5	0
	HSDPA Subtest 2	23.02	23.02	23.02	23.5	0
	HSDPA Subtest 3	22.55	22.57	22.54	23	0-0.5
	HSDPA Subtest 4	22.57	22.59	22.51	23	0-0.5
	HSUPA Subtest 1	23.09	23.01	23.04	23.5	0
	HSUPA Subtest 2	21	21.01	21.09	21.5	0-2
	HSUPA Subtest 3	22.05	22.1	22.1	22.5	0-1
	HSUPA Subtest 4	21.03	21.04	21.08	21.5	0-2
	HSUPA Subtest 5	23.07	23.07	23.03	23.5	0
	DC-HSDPA Subtest 1	23.08	23.1	23.01	23.5	0
	DC-HSDPA Subtest 2	23.03	23.08	23.08	23.5	0
	DC-HSDPA Subtest 3	22.59	22.58	22.51	23	0-0.5
	DC-HSDPA Subtest 4	22.59	22.59	22.52	23	0-0.5
	HSPA+ Subtest 1	20.5	20.57	20.5	21	0-2.5

	Uplink Channel	9262	9400	9538	Tune up (dBm)	MPR
	Uplink Frequency	1852.4	1880.0	1907.6		
WCDMA II Ant 2	RMC 12.2Kbps	21.36	21.42	21.3	21.5	-
	HSDPA Subtest 1	20.77	20.76	20.75	21	0
	HSDPA Subtest 2	20.8	20.7	20.73	21	0
	HSDPA Subtest 3	20.2	20.29	20.34	20.5	0-0.5
	HSDPA Subtest 4	20.3	20.31	20.22	20.5	0-0.5
	HSUPA Subtest 1	20.78	20.83	20.76	21	0
	HSUPA Subtest 2	18.75	18.83	18.77	19	0-2
	HSUPA Subtest 3	19.83	19.71	19.71	20	0-1
	HSUPA Subtest 4	18.78	18.75	18.81	19	0-2
	HSUPA Subtest 5	20.72	20.78	20.77	21	0
	DC-HSDPA Subtest 1	20.77	20.84	20.73	21	0
	DC-HSDPA Subtest 2	20.82	20.78	20.83	21	0
	DC-HSDPA Subtest 3	20.25	20.21	20.2	20.5	0-0.5
	DC-HSDPA Subtest 4	20.34	20.2	20.25	20.5	0-0.5
	HSPA+ Subtest 1	18.33	18.29	18.29	18.5	0-2.5

	Uplink Channel	1312	1413	1513	Tune up (dBm)	MPR
	Uplink Frequency	1712.4	1732.6	1752.6		
WCDMA IV Ant 2	RMC 12.2Kbps	23.33	23.45	23.38	23.5	-
	HSDPA Subtest 1	22.76	22.85	22.7	23	0
	HSDPA Subtest 2	22.82	22.74	22.84	23	0
	HSDPA Subtest 3	22.29	22.28	22.29	22.5	0-0.5
	HSDPA Subtest 4	22.28	22.2	22.27	22.5	0-0.5
	HSUPA Subtest 1	22.72	22.73	22.83	23	0
	HSUPA Subtest 2	20.74	20.81	20.82	21	0-2
	HSUPA Subtest 3	21.72	21.78	21.75	22	0-1
	HSUPA Subtest 4	20.82	20.76	20.74	21	0-2
	HSUPA Subtest 5	22.76	22.75	22.81	23	0
	DC-HSDPA Subtest 1	22.7	22.77	22.79	23	0
	DC-HSDPA Subtest 2	22.72	22.8	22.72	23	0
	DC-HSDPA Subtest 3	22.25	22.22	22.21	22.5	0-0.5
	DC-HSDPA Subtest 4	22.27	22.33	22.24	22.5	0-0.5
	HSPA+ Subtest 1	20.2	20.27	20.29	20.5	0-2.5

	Uplink Channel	9262	9400	9538	Tune up (dBm)	MPR
	Uplink Frequency	1852.4	1880.0	1907.6		
WCDMA II Ant 3	RMC 12.2Kbps	23.38	23.39	23.34	23.5	-
	HSDPA Subtest 1	22.79	22.75	22.84	23	0
	HSDPA Subtest 2	22.73	22.84	22.73	23	0
	HSDPA Subtest 3	22.33	22.27	22.27	22.5	0-0.5
	HSDPA Subtest 4	22.3	22.2	22.3	22.5	0-0.5
	HSUPA Subtest 1	22.72	22.73	22.8	23	0
	HSUPA Subtest 2	20.71	20.83	20.72	21	0-2
	HSUPA Subtest 3	21.71	21.7	21.76	22	0-1
	HSUPA Subtest 4	20.7	20.83	20.74	21	0-2
	HSUPA Subtest 5	22.71	22.85	22.8	23	0
	DC-HSDPA Subtest 1	22.85	22.79	22.7	23	0
	DC-HSDPA Subtest 2	22.7	22.83	22.71	23	0
	DC-HSDPA Subtest 3	22.21	22.28	22.21	22.5	0-0.5
	DC-HSDPA Subtest 4	22.24	22.21	22.33	22.5	0-0.5
	HSPA+ Subtest 1	20.34	20.2	20.27	20.5	0-2.5

	Uplink Channel	1312	1413	1513	Tune up (dBm)	MPR
	Uplink Frequency	1712.4	1732.6	1752.6		
WCDMA IV Ant 3	RMC 12.2Kbps	23.41	23.54	23.31	24	-
	HSDPA Subtest 1	23.1	22.92	22.82	23.5	0
	HSDPA Subtest 2	23.06	22.9	22.95	23.5	0
	HSDPA Subtest 3	22.45	22.55	22.44	23	0-0.5
	HSDPA Subtest 4	22.5	22.51	22.51	23	0-0.5
	HSUPA Subtest 1	22.86	23.09	22.83	23.5	0
	HSUPA Subtest 2	20.97	20.88	21.06	21.5	0-2
	HSUPA Subtest 3	22.08	21.84	21.81	22.5	0-1
	HSUPA Subtest 4	20.92	20.9	21.02	21.5	0-2
	HSUPA Subtest 5	23.07	22.91	22.96	23.5	0
	DC-HSDPA Subtest 1	23.09	22.88	22.9	23.5	0
	DC-HSDPA Subtest 2	23.05	22.93	22.89	23.5	0
	DC-HSDPA Subtest 3	22.5	22.49	22.49	23	0-0.5
	DC-HSDPA Subtest 4	22.55	22.44	22.56	23	0-0.5
	HSPA+ Subtest 1	20.47	20.54	20.39	21	0-2.5

8.4. Measured Conducted Power Results for LTE

Test Notes:

- [1] Per 3GPP standard, LTE QPSK configuration has the highest maximum average output power.
- [2] The following tests were conducted according to the test requirements outlined in section 6.2 of the 3GPP TS 36.101 specification.
 - UE Power Class: 3 (23 ± 2 dBm). The allowed Maximum Power Reduction (MPR) for the maximum output power due to higher order modulation and transmit bandwidth configuration (resource blocks) is specified in Table 6.2.3-1 of the 3GPP TS 36.101.
 - The allowed A-MPR values specified below in Table 6.2.4-1 of 3GPP TS 36.101 are in addition to the allowed MPR requirements. All the measurements below were performed with A-MPR disabled, by using Network Signaling Value of "NS_01".
- [3] Some LTE bands do not support three non-overlapping channels. Per KDB Publication 941225 D05, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.
- [4] The measured conducted power of highest bandwidth has been listed in below, and the measured conducted power for other bandwidth can be found in LTE and NR Lower Bandwidth Conducted Power Appendix.

Result refer to Appendix E.

8.5. Measured Conducted Power Results for LTE Carrier Aggregation

Power Confirmation for LTE Uplink CA

This device supports uplink carrier aggregation for CA_7C, CA_38C, CA_40C, CA_41C, CA_66B, and CA_66C with a maximum of two component carriers. For intra-band contiguous carrier aggregation scenarios, 3GPP TS 36.101 Table 6.2.2A-1 specifies that the aggregate maximum allowed output power is equivalent to the single carrier scenario. 3GPP TS 36.101 6.2.3A allows for several dB of MPR to be applied when non-contiguous RB allocation is implemented. The conducted powers and MPR settings in this device are permanently implemented per the above 3GPP requirements.

Per FCC Guidance, the output power with uplink CA active was measured for the configuration with the highest reported SAR with single carrier for each exposure condition. The power was measured with wideband signal integration over both component carriers. For intra-band contiguous CA, the channels selected to perform the uplink power measurement must satisfy 3GPP channel spacing (5.4.1A of 3GPP TS 36.521 or equivalent) and channel bandwidth (5.4.2A) requirements.

The standalone power measurement is the power for the PCC in the non-CA mode (i.e., single carrier power). In all cases the UL CA power is less than or equal to the standalone power, which is in accordance with the tune-up limits in table below.

<Head Mode DSI-2>

Uplink carrier aggregation Power in Head Mode ANT 0&4												
E-UTRA CA Combination	PCC	SCC	Modulation	Bandwidth (MHz)	PCC		SCC		Total RB Size	Target MPR Level (dB)	Tune-up Power (dBm)	Measured Power (dBm)
	Channel	Channel			RB Size	RB Offset	RB Size	RB Offset				
CA_7C	20850	21048	QPSK	20+20	1	99	1	0	2	0	24.00	23.26
	21001	21199			1	99	1	0	2	0	24.00	23.31
	21350	21152			1	0	1	99	2	0	24.00	23.23
CA_66B	132047	132140	QPSK	15+5	1	74	1	0	2	0	23.50	23.32
	132323	132230			1	0	1	24	2	0	23.50	23.46
	132597	132504			1	0	1	24	2	0	23.50	23.44
CA_66C	132072	132270	QPSK	20+20	1	99	1	0	2	0	23.50	23.34
	132323	132521			1	0	1	99	2	0	23.50	23.47
	132572	132374			1	0	1	99	2	0	23.50	23.42
CA_38C	37850	38048	QPSK	20+20	1	99	1	0	2	0	24.00	23.55
	37901	38099			1	99	1	0	2	0	24.00	23.75
	38150	37952			1	0	1	99	2	0	24.00	23.61
CA_40C	38750	38948	QPSK	20+20	1	99	1	0	2	0	24.00	23.02
	39051	39249			1	99	1	0	2	0	24.00	23.16
	39550	39352			1	0	1	99	2	0	24.00	23.13
CA_41C	39750	39948	QPSK	20+20	1	99	1	0	2	0	24.00	23.72
	40185	39987			1	0	1	99	2	0	24.00	23.69
	40620	40422			1	0	1	99	2	0	24.00	23.82
	41055	40857			1	0	1	99	2	0	24.00	23.55
	41490	41292			1	0	1	99	2	0	24.00	23.74

Uplink carrier aggregation Power in Head Mode ANT 1&5

E-UTRA CA Combination	PCC	SCC	Modulation	Bandwidth (MHz)	PCC		SCC		Total RB Size	Target MPR Level (dB)	Tune-up Power (dBm)	Measured Power (dBm)
	Channel	Channel			RB Size	RB Offset	RB Size	RB Offset				
CA_7C	20850	21048	QPSK	20+20	1	99	1	0	2	0	24.00	23.15
	21001	21199			1	99	1	0	2	0	24.00	23.35
	21350	21152			1	0	1	99	2	0	24.00	23.28
CA_66B	132047	132140	QPSK	15+5	1	74	1	0	2	0	23.50	23.42
	132323	132230			1	0	1	24	2	0	23.50	23.56
	132597	132504			1	0	1	24	2	0	23.50	23.54
CA_66C	132072	132270	QPSK	20+20	1	99	1	0	2	0	23.50	23.33
	132323	132521			1	0	1	99	2	0	23.50	23.44
	132572	132374			1	0	1	99	2	0	23.50	23.38
CA_38C	37850	38048	QPSK	20+20	1	99	1	0	2	0	24.00	23.77
	37901	38099			1	99	1	0	2	0	24.00	23.85
	38150	37952			1	0	1	99	2	0	24.00	23.72
CA_40C	38750	38948	QPSK	20+20	1	99	1	0	2	0	24.00	23.48
	39051	39249			1	99	1	0	2	0	24.00	23.66
	39550	39352			1	0	1	99	2	0	24.00	23.53
CA_41C	39750	39948	QPSK	20+20	1	99	1	0	2	0	24.00	23.74
	40185	39987			1	0	1	99	2	0	24.00	23.62
	40620	40422			1	0	1	99	2	0	24.00	23.88
	41055	40857			1	0	1	99	2	0	24.00	23.81
	41490	41292			1	0	1	99	2	0	24.00	23.78

Uplink carrier aggregation Power in Head Mode ANT 2&6

E-UTRA CA Combination	PCC	SCC	Modulation	Bandwidth (MHz)	PCC		SCC		Total RB Size	Target MPR Level (dB)	Tune-up Power (dBm)	Measured Power (dBm)
	Channel	Channel			RB Size	RB Offset	RB Size	RB Offset				
CA_7C	20850	21048	QPSK	20+20	1	99	1	0	2	0	24.00	23.66
	21001	21199			1	99	1	0	2	0	24.00	23.71
	21350	21152			1	0	1	99	2	0	24.00	23.55
CA_66B	132047	132140	QPSK	15+5	1	74	1	0	2	0	23.50	23.12
	132323	132230			1	0	1	24	2	0	23.50	23.38
	132597	132504			1	0	1	24	2	0	23.50	23.31
CA_66C	132072	132270	QPSK	20+20	1	99	1	0	2	0	23.50	23.28
	132323	132521			1	0	1	99	2	0	23.50	23.43
	132572	132374			1	0	1	99	2	0	23.50	23.35
CA_38C	37850	38048	QPSK	20+20	1	99	1	0	2	0	24.00	23.77
	37901	38099			1	99	1	0	2	0	24.00	23.84
	38150	37952			1	0	1	99	2	0	24.00	23.69
CA_40C	38750	38948	QPSK	20+20	1	99	1	0	2	0	24.00	23.62
	39051	39249			1	99	1	0	2	0	24.00	23.72
	39550	39352			1	0	1	99	2	0	24.00	23.55
CA_41C	39750	39948	QPSK	20+20	1	99	1	0	2	0	24.00	23.58
	40185	39987			1	0	1	99	2	0	24.00	23.63
	40620	40422			1	0	1	99	2	0	24.00	23.78
	41055	40857			1	0	1	99	2	0	24.00	23.71
	41490	41292			1	0	1	99	2	0	24.00	23.68

Uplink carrier aggregation Power in Head Mode ANT 3&7

E-UTRA CA Combination	PCC	SCC	Modulation	Bandwidth (MHz)	PCC		SCC		Total RB Size	Target MPR Level (dB)	Tune-up Power (dBm)	Measured Power (dBm)
	Channel	Channel			RB Size	RB Offset	RB Size	RB Offset				
CA_7C	20850	21048	QPSK	20+20	1	99	1	0	2	0	24.00	23.18
	21001	21199			1	99	1	0	2	0	24.00	23.36
	21350	21152			1	0	1	99	2	0	24.00	23.27
CA_66B	132047	132140	QPSK	15+5	1	74	1	0	2	0	24.00	23.71
	132323	132230			1	0	1	24	2	0	24.00	23.88
	132597	132504			1	0	1	24	2	0	24.00	23.82
CA_66C	132072	132270	QPSK	20+20	1	99	1	0	2	0	24.00	23.57
	132323	132521			1	0	1	99	2	0	24.00	23.79
	132572	132374			1	0	1	99	2	0	24.00	23.75
CA_38C	37850	38048	QPSK	20+20	1	99	1	0	2	0	24.00	23.61
	37901	38099			1	99	1	0	2	0	24.00	23.85
	38150	37952			1	0	1	99	2	0	24.00	23.78
CA_40C	38750	38948	QPSK	20+20	1	99	1	0	2	0	24.00	23.41
	39051	39249			1	99	1	0	2	0	24.00	23.76
	39550	39352			1	0	1	99	2	0	24.00	23.58
CA_41C	39750	39948	QPSK	20+20	1	99	1	0	2	0	24.00	23.70
	40185	39987			1	0	1	99	2	0	24.00	23.61
	40620	40422			1	0	1	99	2	0	24.00	23.81
	41055	40857			1	0	1	99	2	0	24.00	23.52
	41490	41292			1	0	1	99	2	0	24.00	23.73

<Body Mode DSI-4>

Uplink carrier aggregation Power DSI-4												
E-UTRA CA Combination	PCC	SCC	Modulation	Bandwidth (MHz)	PCC		SCC		Total RB Size	Target MPR Level (dB)	Tune-up Power (dBm)	Measured Power (dBm)
	Channel	Channel			RB Size	RB Offset	RB Size	RB Offset				
CA_7C	20850	21048	QPSK	20+20	1	99	1	0	2	0	24.0	23.26
	21001	21199			1	99	1	0	2	0	24.0	23.31
	21350	21152			1	0	1	99	2	0	24.0	23.23
CA_66B	132047	132140	QPSK	15+5	1	74	1	0	2	0	24.0	23.42
	132323	132230			1	0	1	24	2	0	24.0	23.56
	132597	132504			1	0	1	24	2	0	24.0	23.54
CA_66C	132072	132270	QPSK	20+20	1	99	1	0	2	0	24.0	23.44
	132323	132521			1	0	1	99	2	0	24.0	23.52
	132572	132374			1	0	1	99	2	0	24.0	23.57
CA_38C	37850	38048	QPSK	20+20	1	99	1	0	2	0	24.0	22.55
	37901	38099			1	99	1	0	2	0	24.0	22.65
	38150	37952			1	0	1	99	2	0	24.0	22.81
CA_40C	38750	38948	QPSK	20+20	1	99	1	0	2	0	24.0	23.02
	39051	39249			1	99	1	0	2	0	24.0	23.06
	39550	39352			1	0	1	99	2	0	24.0	23.13
CA_41C	39750	39948	QPSK	20+20	1	99	1	0	2	0	24.0	22.82
	40185	39987			1	0	1	99	2	0	24.0	22.69
	40620	40422			1	0	1	99	2	0	24.0	22.72
	41055	40857			1	0	1	99	2	0	24.0	22.55
	41490	41292			1	0	1	99	2	0	24.0	22.84

<Body Mode DSI-1>

Uplink carrier aggregation Power in Body Mode ANT 0&4												
E-UTRA CA Combination	PCC	SCC	Modulation	Bandwidth (MHz)	PCC		SCC		Total RB Size	Target MPR Level (dB)	Tune-up Power (dBm)	Measured Power (dBm)
	Channel	Channel			RB Size	RB Offset	RB Size	RB Offset				
CA_7C	20850	21048	QPSK	20+20	1	99	1	0	2	0	18.50	18.25
	21001	21199			1	99	1	0	2	0	18.50	18.35
	21350	21152			1	0	1	99	2	0	18.50	18.21
CA_66B	132047	132140	QPSK	15+5	1	74	1	0	2	0	21.50	21.33
	132323	132230			1	0	1	24	2	0	21.50	21.43
	132597	132504			1	0	1	24	2	0	21.50	21.25
CA_66C	132072	132270	QPSK	20+20	1	99	1	0	2	0	21.50	21.35
	132323	132521			1	0	1	99	2	0	21.50	21.45
	132572	132374			1	0	1	99	2	0	21.50	21.31
CA_38C	37850	38048	QPSK	20+20	1	99	1	0	2	0	20.50	20.33
	37901	38099			1	99	1	0	2	0	20.50	20.41
	38150	37952			1	0	1	99	2	0	20.50	20.26
CA_40C	38750	38948	QPSK	20+20	1	99	1	0	2	0	22.50	22.28
	39051	39249			1	99	1	0	2	0	22.50	22.44
	39550	39352			1	0	1	99	2	0	22.50	22.35
CA_41C	39750	39948	QPSK	20+20	1	99	1	0	2	0	20.50	20.22
	40185	39987			1	0	1	99	2	0	20.50	20.34
	40620	40422			1	0	1	99	2	0	20.50	20.46
	41055	40857			1	0	1	99	2	0	20.50	20.39
	41490	41292			1	0	1	99	2	0	20.50	20.29

Uplink carrier aggregation Power in Body Mode ANT 1&5												
E-UTRA CA Combination	PCC	SCC	Modulation	Bandwidth (MHz)	PCC		SCC		Total RB Size	Target MPR Level (dB)	Tune-up Power (dBm)	Measured Power (dBm)
	Channel	Channel			RB Size	RB Offset	RB Size	RB Offset				
CA_7C	20850	21048	QPSK	20+20	1	99	1	0	2	0	19.50	19.18
	21001	21199			1	99	1	0	2	0	19.50	19.42
	21350	21152			1	0	1	99	2	0	19.50	19.31
CA_66B	132047	132140	QPSK	15+5	1	74	1	0	2	0	21.50	21.22
	132323	132230			1	0	1	24	2	0	21.50	21.46
	132597	132504			1	0	1	24	2	0	21.50	21.35
CA_66C	132072	132270	QPSK	20+20	1	99	1	0	2	0	21.50	21.39
	132323	132521			1	0	1	99	2	0	21.50	21.48
	132572	132374			1	0	1	99	2	0	21.50	21.35
CA_38C	37850	38048	QPSK	20+20	1	99	1	0	2	0	21.50	21.28
	37901	38099			1	99	1	0	2	0	21.50	21.41
	38150	37952			1	0	1	99	2	0	21.50	21.37
CA_40C	38750	38948	QPSK	20+20	1	99	1	0	2	0	22.50	22.38
	39051	39249			1	99	1	0	2	0	22.50	22.45
	39550	39352			1	0	1	99	2	0	22.50	22.31
CA_41C	39750	39948	QPSK	20+20	1	99	1	0	2	0	21.50	21.19
	40185	39987			1	0	1	99	2	0	21.50	21.25
	40620	40422			1	0	1	99	2	0	21.50	21.44
	41055	40857			1	0	1	99	2	0	21.50	21.38
	41490	41292			1	0	1	99	2	0	21.50	21.41

Uplink carrier aggregation Power in Body Mode ANT 2&6

E-UTRA CA Combination	PCC	SCC	Modulation	Bandwidth (MHz)	PCC		SCC		Total RB Size	Target MPR Level (dB)	Tune-up Power (dBm)	Measured Power (dBm)
	Channel	Channel			RB Size	RB Offset	RB Size	RB Offset				
CA_7C	20850	21048	QPSK	20+20	1	99	1	0	2	0	21.50	21.15
	21001	21199			1	99	1	0	2	0	21.50	21.39
	21350	21152			1	0	1	99	2	0	21.50	21.35
CA_66B	132047	132140	QPSK	15+5	1	74	1	0	2	0	21.50	21.33
	132323	132230			1	0	1	24	2	0	21.50	21.42
	132597	132504			1	0	1	24	2	0	21.50	21.25
CA_66C	132072	132270	QPSK	20+20	1	99	1	0	2	0	21.50	21.26
	132323	132521			1	0	1	99	2	0	21.50	21.44
	132572	132374			1	0	1	99	2	0	21.50	21.38
CA_38C	37850	38048	QPSK	20+20	1	99	1	0	2	0	23.50	23.34
	37901	38099			1	99	1	0	2	0	23.50	23.42
	38150	37952			1	0	1	99	2	0	23.50	23.25
CA_40C	38750	38948	QPSK	20+20	1	99	1	0	2	0	23.50	23.21
	39051	39249			1	99	1	0	2	0	23.50	23.47
	39550	39352			1	0	1	99	2	0	23.50	23.41
CA_41C	39750	39948	QPSK	20+20	1	99	1	0	2	0	23.50	23.28
	40185	39987			1	0	1	99	2	0	23.50	23.33
	40620	40422			1	0	1	99	2	0	23.50	23.45
	41055	40857			1	0	1	99	2	0	23.50	23.41
	41490	41292			1	0	1	99	2	0	23.50	23.27

Uplink carrier aggregation Power in Body Mode ANT 3&7

E-UTRA CA Combination	PCC	SCC	Modulation	Bandwidth (MHz)	PCC		SCC		Total RB Size	Target MPR Level (dB)	Tune-up Power (dBm)	Measured Power (dBm)
	Channel	Channel			RB Size	RB Offset	RB Size	RB Offset				
CA_7C	20850	21048	QPSK	20+20	1	99	1	0	2	0	18.50	18.34
	21001	21199			1	99	1	0	2	0	18.50	18.44
	21350	21152			1	0	1	99	2	0	18.50	18.24
CA_66B	132047	132140	QPSK	15+5	1	74	1	0	2	0	23.50	23.21
	132323	132230			1	0	1	24	2	0	23.50	23.42
	132597	132504			1	0	1	24	2	0	23.50	23.36
CA_66C	132072	132270	QPSK	20+20	1	99	1	0	2	0	23.50	23.27
	132323	132521			1	0	1	99	2	0	23.50	23.45
	132572	132374			1	0	1	99	2	0	23.50	23.37
CA_38C	37850	38048	QPSK	20+20	1	99	1	0	2	0	20.50	20.18
	37901	38099			1	99	1	0	2	0	20.50	20.39
	38150	37952			1	0	1	99	2	0	20.50	20.28
CA_40C	38750	38948	QPSK	20+20	1	99	1	0	2	0	22.50	22.19
	39051	39249			1	99	1	0	2	0	22.50	22.41
	39550	39352			1	0	1	99	2	0	22.50	22.34
CA_41C	39750	39948	QPSK	20+20	1	99	1	0	2	0	20.50	20.18
	40185	39987			1	0	1	99	2	0	20.50	20.26
	40620	40422			1	0	1	99	2	0	20.50	20.40
	41055	40857			1	0	1	99	2	0	20.50	20.35
	41490	41292			1	0	1	99	2	0	20.50	20.39

<HotSpot Mode DSI-3>

Uplink carrier aggregation Power in Hospot Mode ANT 0&4												
E-UTRA CA Combination	PCC	SCC	Modulation	Bandwidth (MHz)	PCC		SCC		Total RB Size	Target MPR Level (dB)	Tune-up Power (dBm)	Measured Power (dBm)
	Channel	Channel			RB Size	RB Offset	RB Size	RB Offset				
CA_7C	20850	21048	QPSK	20+20	1	99	1	0	2	0	17.50	17.20
	21001	21199			1	99	1	0	2	0	17.50	17.05
	21350	21152			1	0	1	99	2	0	17.50	17.23
CA_66B	132047	132140	QPSK	15+5	1	74	1	0	2	0	23.50	22.69
	132323	132230			1	0	1	24	2	0	23.50	22.92
	132597	132504			1	0	1	24	2	0	23.50	22.82
CA_66C	132072	132270	QPSK	20+20	1	99	1	0	2	0	23.50	23.15
	132323	132521			1	0	1	99	2	0	23.50	23.34
	132572	132374			1	0	1	99	2	0	23.50	23.22
CA_38C	37850	38048	QPSK	20+20	1	99	1	0	2	0	17.00	16.73
	37901	38099			1	99	1	0	2	0	17.00	16.66
	38150	37952			1	0	1	99	2	0	17.00	16.84
CA_40C	38750	38948	QPSK	20+20	1	99	1	0	2	0	20.50	20.42
	39051	39249			1	99	1	0	2	0	20.50	20.31
	39550	39352			1	0	1	99	2	0	20.50	20.37
CA_41C	39750	39948	QPSK	20+20	1	99	1	0	2	0	17.00	16.89
	40185	39987			1	0	1	99	2	0	17.00	16.71
	40620	40422			1	0	1	99	2	0	17.00	16.82
	41055	40857			1	0	1	99	2	0	17.00	16.77
	41490	41292			1	0	1	99	2	0	17.00	16.93

Uplink carrier aggregation Power in Hospot Mode ANT 1&5												
E-UTRA CA Combination	PCC	SCC	Modulation	Bandwidth (MHz)	PCC		SCC		Total RB Size	Target MPR Level (dB)	Tune-up Power (dBm)	Measured Power (dBm)
	Channel	Channel			RB Size	RB Offset	RB Size	RB Offset				
CA_7C	20850	21048	QPSK	20+20	1	99	1	0	2	0	18.50	18.05
	21001	21199			1	99	1	0	2	0	18.50	18.15
	21350	21152			1	0	1	99	2	0	18.50	18.25
CA_66B	132047	132140	QPSK	15+5	1	74	1	0	2	0	23.50	22.91
	132323	132230			1	0	1	24	2	0	23.50	23.01
	132597	132504			1	0	1	24	2	0	23.50	22.86
CA_66C	132072	132270	QPSK	20+20	1	99	1	0	2	0	23.50	23.12
	132323	132521			1	0	1	99	2	0	23.50	23.22
	132572	132374			1	0	1	99	2	0	23.50	23.17
CA_38C	37850	38048	QPSK	20+20	1	99	1	0	2	0	20.50	20.13
	37901	38099			1	99	1	0	2	0	20.50	20.21
	38150	37952			1	0	1	99	2	0	20.50	20.29
CA_40C	38750	38948	QPSK	20+20	1	99	1	0	2	0	20.50	20.15
	39051	39249			1	99	1	0	2	0	20.50	20.24
	39550	39352			1	0	1	99	2	0	20.50	20.31
CA_41C	39750	39948	QPSK	20+20	1	99	1	0	2	0	20.50	20.21
	40185	39987			1	0	1	99	2	0	20.50	20.24
	40620	40422			1	0	1	99	2	0	20.50	20.33
	41055	40857			1	0	1	99	2	0	20.50	20.21
	41490	41292			1	0	1	99	2	0	20.50	20.22

Uplink carrier aggregation Power in Hospot Mode ANT 2&6

E-UTRA CA Combination	PCC	SCC	Modulation	Bandwidth (MHz)	PCC		SCC		Total RB Size	Target MPR Level (dB)	Tune-up Power (dBm)	Measured Power (dBm)
	Channel	Channel			RB Size	RB Offset	RB Size	RB Offset				
CA_7C	20850	21048	QPSK	20+20	1	99	1	0	2	0	20.50	20.19
	21001	21199			1	99	1	0	2	0	20.50	20.08
	21350	21152			1	0	1	99	2	0	20.50	20.29
CA_66B	132047	132140	QPSK	15+5	1	74	1	0	2	0	23.50	23.08
	132323	132230			1	0	1	24	2	0	23.50	23.15
	132597	132504			1	0	1	24	2	0	23.50	23.19
CA_66C	132072	132270	QPSK	20+20	1	99	1	0	2	0	23.50	23.22
	132323	132521			1	0	1	99	2	0	23.50	23.27
	132572	132374			1	0	1	99	2	0	23.50	23.18
CA_38C	37850	38048	QPSK	20+20	1	99	1	0	2	0	22.50	22.13
	37901	38099			1	99	1	0	2	0	22.50	22.09
	38150	37952			1	0	1	99	2	0	22.50	22.24
CA_40C	38750	38948	QPSK	20+20	1	99	1	0	2	0	22.50	22.27
	39051	39249			1	99	1	0	2	0	22.50	22.15
	39550	39352			1	0	1	99	2	0	22.50	22.34
CA_41C	39750	39948	QPSK	20+20	1	99	1	0	2	0	22.50	22.17
	40185	39987			1	0	1	99	2	0	22.50	22.30
	40620	40422			1	0	1	99	2	0	22.50	22.36
	41055	40857			1	0	1	99	2	0	22.50	22.21
	41490	41292			1	0	1	99	2	0	22.50	22.28

Uplink carrier aggregation Power in Hospot Mode ANT 3&7

E-UTRA CA Combination	PCC	SCC	Modulation	Bandwidth (MHz)	PCC		SCC		Total RB Size	Target MPR Level (dB)	Tune-up Power (dBm)	Measured Power (dBm)
	Channel	Channel			RB Size	RB Offset	RB Size	RB Offset				
CA_7C	20850	21048	QPSK	20+20	1	99	1	0	2	0	17.50	17.13
	21001	21199			1	99	1	0	2	0	17.50	17.22
	21350	21152			1	0	1	99	2	0	17.50	17.33
CA_66B	132047	132140	QPSK	15+5	1	74	1	0	2	0	24.00	22.96
	132323	132230			1	0	1	24	2	0	24.00	23.11
	132597	132504			1	0	1	24	2	0	24.00	22.99
CA_66C	132072	132270	QPSK	20+20	1	99	1	0	2	0	24.00	23.11
	132323	132521			1	0	1	99	2	0	24.00	23.24
	132572	132374			1	0	1	99	2	0	24.00	22.91
CA_38C	37850	38048	QPSK	20+20	1	99	1	0	2	0	19.50	19.08
	37901	38099			1	99	1	0	2	0	19.50	19.17
	38150	37952			1	0	1	99	2	0	19.50	19.37
CA_40C	38750	38948	QPSK	20+20	1	99	1	0	2	0	20.50	20.29
	39051	39249			1	99	1	0	2	0	20.50	20.18
	39550	39352			1	0	1	99	2	0	20.50	20.35
CA_41C	39750	39948	QPSK	20+20	1	99	1	0	2	0	19.50	19.18
	40185	39987			1	0	1	99	2	0	19.50	19.32
	40620	40422			1	0	1	99	2	0	19.50	19.37
	41055	40857			1	0	1	99	2	0	19.50	19.23
	41490	41292			1	0	1	99	2	0	19.50	19.21

8.6. Measured Conducted Power Results for 5G NR FR1

Test Notes:

- [1] Per October 2020 TCB Workshop Guidance, 5G NR FR1 SAR evaluations are being generally based on adapting the existing LTE SAR procedures (KDB Publication 941225 D05).
- [2] The following tests were conducted according to the test requirements outlined in section 6.2 of the 3GPP TS 36.101 specification.
 - UE Power Class: 3 (23 $\pm$ 2 dBm). The allowed Maximum Power Reduction (MPR) for the maximum output power due to higher order modulation and transmit bandwidth configuration (resource blocks) is specified in Table 6.2.2.3-1 of the 3GPP TS 38.521-1.
 - The allowed A-MPR values specified below in Table 6.2.3.3.1-1 of 3GPP TS 38.521-1 are in addition to the allowed MPR requirements. All the measurements below were performed with A-MPR disabled, by using Network Signaling Value of "NS_01".
- [3] Some 5G NR FR1 bands do not support three non-overlapping channels. Per KDB Publication 941225 D05, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.
- [4] The conducted power measurement for DFT-s-OFDM was performed on $\pi/2$ BPSK and QPSK with the largest bandwidth, and higher order modulations as 16QAM / 64QAM / 256QAM has been verified using 1RB allocation.
- [5] For lower bandwidth, the conducted power has been verified for QPSK with 1RB allocation.
- [6] SAR and conducted power for CP-OFDM is not required due to the CP-OFDM tune-up limit power is not 0.5 dB higher than DFT-s-OFDM and the reported SAR of DFT-s-OFDM is ≤ 1.45 W/kg.
- [7] The measured conducted power of highest bandwidth has been listed in below, and the measured conducted power for other bandwidth can be found in LTE and NR Lower Bandwidth Conducted Power Appendix.

Result refer to Appendix E.

8.7. Measured Conducted Power Results for WLAN

Test Notes:

- [1] The maximum output power specified for production units are determined for all applicable 802.11 transmission modes in each standalone and aggregated frequency band. Maximum output power was measured for the highest maximum output power configurations in each frequency band according to the default power measurement procedures.
- [2] Per KDB Publication 248227 D01, the conducted power measurement was performed for the transmission mode configuration with the highest maximum output power specified for production units.
- [3] For transmission modes with the same maximum output power specification, powers were measured for the largest channel bandwidth, lowest order modulation and lowest data rate.
- [4] For transmission modes with identical maximum specified output power, channel bandwidth, modulation and data rates, power measurements were required for all identical configurations.
- [5] For each transmission mode configuration, powers were measured for the highest and lowest channels; and at the mid-band channel(s) when there were at least 3 channels supported. For configurations with multiple mid-band channels, due to an even number of channels, both channels were measured.
- [6] Per April 2019 TCB Workshop guidance, general principles of KDB Publication 248227 D01 can be applied to determine the SAR Initial Test Configurations and test reduction for 802.11ax, and 802.11ax is considered as the highest order modulation mode. For the table below the 802.11ax maximum power is SU (non-OFDMA), and the SU maximum power is higher than RU (OFDMA).

WLAN 2.4 GHz Conducted Power_P-Sensor Off								
Mode	Channel	Frequency (MHz)	ANT 1		ANT 2		ANT 1+2	
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm) ANT 1+2	Tune-Up Limit
802.11b	1	2412	19.75	20.00	19.77	20.00	22.70	23.00
	6	2437	19.88	20.00	19.63	20.00	22.69	23.00
	11	2462	19.72	20.00	19.89	20.00	22.74	23.00
	12	2467	19.81	20.00	19.75	20.00	22.72	23.00
	13	2472	15.72	16.00	15.75	16.00	18.88	19.00
802.11g	1	2412	19.84	20.00	19.85	20.00	21.17	23.00
	6	2437	19.75	20.00	19.80	20.00	22.71	23.00
	11	2462	19.61	20.00	19.79	20.00	21.56	23.00
	12	2467	19.77	20.00	19.62	20.00	21.70	23.00
	13	2472	11.29	11.50	11.41	11.50	14.36	14.50
802.11n HT20	1	2412	19.84	20.00	19.67	20.00	21.23	23.00
	6	2437	19.73	20.00	19.75	20.00	22.68	23.00
	11	2462	19.71	20.00	19.84	20.00	21.42	23.00
	12	2467	16.98	17.00	16.98	17.00	19.95	20.00
	13	2472	4.97	5.00	4.93	5.00	7.96	8.00
802.11n HT40	3	2422	19.83	20.00	19.66	20.00	21.21	23.00
	6	2437	19.79	20.00	19.75	20.00	22.82	23.00
	9	2452	19.70	20.00	19.66	20.00	21.55	23.00
	10	2457	19.85	20.00	19.79	20.00	21.37	23.00
	11	2462	12.32	12.50	12.36	12.50	15.35	15.50
802.11ac VHT20	1	2412	19.74	20.00	19.70	20.00	21.02	23.00
	6	2437	19.76	20.00	19.80	20.00	22.72	23.00
	11	2462	19.68	20.00	19.83	20.00	21.49	23.00
	12	2467	16.99	17.00	16.89	17.00	19.95	20.00
	13	2472	5.10	5.50	4.98	5.50	8.05	8.50
802.11ac VHT40	3	2422	19.76	20.00	19.80	20.00	21.09	23.00
	6	2437	19.70	20.00	19.78	20.00	22.68	23.00
	9	2452	19.82	20.00	19.61	20.00	21.66	23.00
	10	2457	19.66	20.00	19.70	20.00	21.40	23.00
	11	2462	12.42	12.50	12.45	12.50	15.45	15.50
802.11ax HE20	1	2412	19.62	20.00	19.82	20.00	21.05	23.00
	6	2437	19.62	20.00	19.83	20.00	22.66	23.00
	11	2462	19.61	20.00	19.77	20.00	21.58	23.00
	12	2467	16.97	17.00	16.99	17.00	19.99	20.00
	13	2472	5.18	5.50	5.10	5.50	8.15	8.50
802.11ax HE40	3	2422	19.85	20.00	19.61	20.00	21.21	23.00
	6	2437	19.65	20.00	19.61	20.00	22.57	23.00
	9	2452	19.69	20.00	19.80	20.00	21.73	23.00
	10	2457	19.70	20.00	19.66	20.00	21.44	23.00
	11	2462	12.45	12.50	12.49	12.50	15.48	15.50

WLAN 5.2 GHz Conducted Power_P-Sensor Off								
Mode	Channel	Frequency (MHz)	ANT 1		ANT 2		ANT 1+2	
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm) ANT 1+2	Tune-Up Limit
802.11a	36	5180	17.69	18.00	17.79	18.00	20.63	21.00
	40	5200	17.69	18.00	17.67	18.00	20.57	21.00
	44	5220	17.85	18.00	17.63	18.00	20.63	21.00
	48	5240	17.72	18.00	17.68	18.00	20.59	21.00
802.11n HT20	36	5180	17.63	18.00	17.61	18.00	20.51	21.00
	40	5200	17.76	18.00	17.85	18.00	20.70	21.00
	44	5220	17.81	18.00	17.75	18.00	20.67	21.00
	48	5240	17.68	18.00	17.67	18.00	20.57	21.00
802.11n HT40	38	5190	14.78	15.00	14.87	15.00	17.69	18.00
	46	5230	17.85	18.00	17.67	18.00	20.65	21.00
802.11ac VHT20	36	5180	17.66	18.00	17.83	18.00	20.64	21.00
	40	5200	17.76	18.00	17.84	18.00	20.69	21.00
	44	5220	17.70	18.00	17.61	18.00	20.55	21.00
	48	5240	17.84	18.00	17.67	18.00	20.65	21.00
802.11ac VHT40	38	5190	14.82	15.00	14.96	15.00	17.76	18.00
	46	5230	17.63	18.00	17.70	18.00	20.56	21.00
802.11ac VHT80	42	5210	13.88	14.00	13.99	14.00	16.77	17.00
802.11ax HE20	36	5180	17.71	18.00	17.82	18.00	20.66	21.00
	40	5200	17.69	18.00	17.73	18.00	20.60	21.00
	44	5220	17.77	18.00	17.72	18.00	20.64	21.00
	48	5240	17.85	18.00	17.81	18.00	20.72	21.00
802.11ax HE40	38	5190	14.89	15.00	14.95	15.00	17.83	18.00
	46	5230	17.78	18.00	17.77	18.00	20.67	21.00
802.11ax HE80	42	5210	13.92	14.00	13.99	14.00	16.88	17.00

WLAN 5.3 GHz Conducted Power_P-Sensor Off								
Mode	Channel	Frequency (MHz)	ANT 1		ANT 2		ANT 1+2	
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm) ANT 1+2	Tune-Up Limit
802.11a	52	5260	17.61	18.00	17.85	18.00	20.76	21.00
	56	5280	17.81	18.00	17.63	18.00	20.75	21.00
	60	5300	17.61	18.00	17.71	18.00	20.69	21.00
	64	5320	17.66	18.00	17.68	18.00	20.70	21.00
802.11n HT20	52	5260	17.79	18.00	17.75	18.00	20.80	21.00
	56	5280	17.70	18.00	17.63	18.00	20.74	21.00
	60	5300	17.67	18.00	17.62	18.00	20.72	21.00
	64	5320	17.71	18.00	17.71	18.00	20.78	21.00
802.11n HT40	54	5270	17.71	18.00	17.65	18.00	20.75	21.00
	62	5310	14.85	15.00	14.89	15.00	17.49	18.00
802.11ac VHT20	52	5260	17.64	18.00	17.62	18.00	20.70	21.00
	56	5280	17.62	18.00	17.78	18.00	20.75	21.00
	60	5300	17.61	18.00	17.72	18.00	20.72	21.00
	64	5320	17.79	18.00	17.68	18.00	20.79	21.00
802.11ac VHT40	54	5270	17.82	18.00	17.73	18.00	20.83	21.00
	62	5310	14.86	15.00	14.86	15.00	17.58	18.00
802.11ac VHT80	58	5290	13.89	14.00	13.91	14.00	16.50	17.00
802.11ac VHT160	50	5250	10.81	11.00	10.99	11.00	13.90	14.00
802.11ax HE20	52	5260	17.82	18.00	17.69	18.00	20.79	21.00
	56	5280	17.71	18.00	17.71	18.00	20.74	21.00
	60	5300	17.74	18.00	17.73	18.00	20.81	21.00
	64	5320	17.62	18.00	17.73	18.00	20.75	21.00
802.11ax HE40	54	5270	17.64	18.00	17.61	18.00	20.70	21.00
	62	5310	14.82	15.00	14.79	15.00	17.67	18.00
802.11ax HE80	58	5290	13.89	14.00	13.87	14.00	16.56	17.00
802.11ax HE160	50	5250	10.89	11.00	10.92	11.00	13.94	14.00

WLAN 5.6 GHz Conducted Power_P-Sensor Off								
Mode	Channel	Frequency (MHz)	ANT 1		ANT 2		ANT 1+2	
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm) ANT 1+2	Tune-Up Limit
802.11a	100	5500	17.73	18.00	17.71	18.00	20.58	21.00
	116	5580	17.76	18.00	17.79	18.00	20.64	21.00
	124	5620	17.62	18.00	17.73	18.00	20.54	21.00
	132	5660	17.83	18.00	17.81	18.00	20.68	21.00
	140	5700	17.67	18.00	17.62	18.00	20.51	21.00
	144	5720	17.62	18.00	17.70	18.00	20.52	21.00
802.11n HT20	100	5500	17.66	18.00	17.82	18.00	20.60	21.00
	116	5580	17.71	18.00	17.76	18.00	20.60	21.00
	124	5620	17.69	18.00	17.84	18.00	20.63	21.00
	132	5660	17.77	18.00	17.65	18.00	20.57	21.00
	140	5700	17.69	18.00	17.82	18.00	20.62	21.00
	144	5720	17.63	18.00	17.82	18.00	20.59	21.00
802.11n HT40	102	5510	14.74	15.00	14.87	15.00	17.60	18.00
	110	5550	17.78	18.00	17.74	18.00	20.62	21.00
	126	5630	17.81	18.00	17.85	18.00	20.69	21.00
	134	5670	17.83	18.00	17.78	18.00	20.67	21.00
	142	5710	17.67	18.00	17.79	18.00	20.59	21.00
802.11ac VHT20	100	5500	17.62	18.00	17.67	18.00	20.51	21.00
	116	5580	17.65	18.00	17.81	18.00	20.59	21.00
	124	5620	17.61	18.00	17.82	18.00	20.58	21.00
	132	5660	17.61	18.00	17.79	18.00	20.56	21.00
	140	5700	17.71	18.00	17.81	18.00	20.62	21.00
	144	5720	17.84	18.00	17.79	18.00	20.68	21.00
802.11ac VHT40	102	5510	14.84	15.00	14.82	15.00	17.73	18.00
	110	5550	17.76	18.00	17.64	18.00	20.56	21.00
	126	5630	17.67	18.00	17.81	18.00	20.60	21.00
	134	5670	17.82	18.00	17.75	18.00	20.65	21.00
	142	5710	17.62	18.00	17.61	18.00	20.48	21.00
802.11ac VHT80	106	5530	14.42	14.50	14.41	14.50	17.10	17.50
	122	5610	17.41	18.00	17.69	18.00	20.60	21.00
	138	5690	17.78	18.00	17.73	18.00	20.75	21.00
802.11ac VHT160	114	5570	14.36	14.50	14.33	14.50	16.99	17.50
802.11ax HE20	100	5500	17.82	18.00	17.76	18.00	20.65	21.00
	116	5580	17.82	18.00	17.82	18.00	20.68	21.00
	124	5620	17.61	18.00	17.79	18.00	20.56	21.00
	132	5660	17.69	18.00	17.84	18.00	20.63	21.00
	140	5700	17.67	18.00	17.72	18.00	20.56	21.00
	144	5720	17.62	18.00	17.81	18.00	20.58	21.00
802.11ax HE40	102	5510	14.92	15.00	14.79	15.00	17.79	18.00
	110	5550	17.63	18.00	17.70	18.00	20.53	21.00
	126	5630	17.72	18.00	17.69	18.00	20.57	21.00
	134	5670	17.69	18.00	17.67	18.00	20.54	21.00
	142	5710	17.71	18.00	17.81	18.00	20.62	21.00
802.11ax HE80	106	5530	14.39	14.50	14.42	14.50	17.17	17.50
	122	5610	17.76	18.00	17.69	18.00	20.59	21.00
	138	5690	17.74	18.00	17.71	18.00	20.59	21.00
802.11ax HE160	114	5570	14.38	14.50	14.41	14.50	17.04	17.50

WLAN 5.8 GHz Conducted Power_P-Sensor Off								
Mode	Channel	Frequency (MHz)	ANT 1		ANT 2		ANT 1+2	
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm) ANT 1+2	Tune-Up Limit
802.11a	149	5745	17.84	18.00	17.75	18.00	20.72	21.00
	157	5785	17.81	18.00	17.70	18.00	20.68	21.00
	165	5825	17.84	18.00	17.68	18.00	20.68	21.00
	169	5845	17.74	18.00	17.69	18.00	20.64	21.00
	173	5865	17.70	18.00	17.62	18.00	20.58	21.00
	177	5885	17.84	18.00	17.72	18.00	20.70	21.00
802.11n HT20	149	5745	17.78	18.00	17.77	18.00	20.70	21.00
	157	5785	17.63	18.00	17.68	18.00	20.58	21.00
	165	5825	17.63	18.00	17.70	18.00	20.59	21.00
	169	5845	17.75	18.00	17.63	18.00	20.61	21.00
	173	5865	17.72	18.00	17.72	18.00	20.64	21.00
	177	5885	17.67	18.00	17.72	18.00	20.62	21.00
802.11n HT40	151	5755	17.74	18.00	17.67	18.00	20.63	21.00
	159	5795	17.73	18.00	17.73	18.00	20.65	21.00
	167	5835	17.82	18.00	17.70	18.00	20.68	21.00
	175	5875	17.76	18.00	17.66	18.00	20.63	21.00
802.11ac VHT20	149	5745	17.77	18.00	17.76	18.00	20.69	21.00
	157	5785	17.82	18.00	17.72	18.00	20.69	21.00
	165	5825	17.61	18.00	17.74	18.00	20.60	21.00
	169	5845	17.75	18.00	17.69	18.00	20.64	21.00
	173	5865	17.79	18.00	17.75	18.00	20.69	21.00
	177	5885	17.76	18.00	17.69	18.00	20.65	21.00
802.11ac VHT40	151	5755	17.82	18.00	17.68	18.00	20.67	21.00
	159	5795	17.78	18.00	17.67	18.00	20.65	21.00
	167	5835	17.80	18.00	17.70	18.00	20.67	21.00
	175	5875	17.75	18.00	17.62	18.00	20.61	21.00
802.11ac VHT80	155	5775	17.76	18.00	17.81	18.00	20.88	21.00
	171	5855	17.71	18.00	17.76	18.00	20.44	21.00
802.11ac VHT160	163	5815	17.88	18.00	17.89	18.00	20.90	21.00
802.11ax HE20	149	5745	17.81	18.00	17.69	18.00	20.67	21.00
	157	5785	17.80	18.00	17.74	18.00	20.69	21.00
	165	5825	17.78	18.00	17.65	18.00	20.64	21.00
	169	5845	17.79	18.00	17.79	18.00	20.71	21.00
	173	5865	17.74	18.00	17.72	18.00	20.65	21.00
	177	5885	17.82	18.00	17.72	18.00	20.69	21.00
802.11ax HE40	151	5755	17.81	18.00	17.71	18.00	20.68	21.00
	159	5795	17.74	18.00	17.73	18.00	20.66	21.00
	167	5835	17.63	18.00	17.61	18.00	20.54	21.00
	175	5875	17.64	18.00	17.71	18.00	20.60	21.00
802.11ax HE80	155	5775	17.76	18.00	17.67	18.00	20.64	21.00
	171	5855	17.74	18.00	17.68	18.00	20.63	21.00
802.11ax HE160	163	5815	17.73	18.00	17.68	18.00	20.63	21.00

U-NII 5 Conducted Power_P-Sensor Off								
Mode	Channel	Frequency (MHz)	ANT 1		ANT 2		ANT 1+2	
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm) ANT 1+2	Tune-Up Limit
802.11a	1	5955	2.77	3.00	2.80	3.00	5.30	6.00
	45	6175	2.79	3.00	2.74	3.00	5.43	6.00
	93	6415	2.77	3.00	2.79	3.00	5.26	6.00
802.11ax HE20	1	5955	1.74	2.00	1.79	2.00	4.82	5.00
	45	6175	1.85	2.00	1.82	2.00	4.96	5.00
	93	6415	1.83	2.00	1.74	2.00	4.85	5.00
802.11ax HE40	3	5965	4.77	5.00	4.80	5.00	7.90	8.00
	43	6165	4.78	5.00	4.71	5.00	7.89	8.00
	91	6405	4.84	5.00	4.72	5.00	7.97	8.00
802.11ax HE80	7	5985	8.28	8.50	8.29	8.50	10.79	11.50
	39	6145	8.24	8.50	8.20	8.50	11.02	11.50
	87	6385	8.22	8.50	8.35	8.50	10.79	11.50
802.11ax HE160	15	6025	11.24	11.50	11.21	11.50	13.49	14.50
	47	6185	11.31	11.50	11.44	11.50	14.44	14.50
	79	6345	11.44	11.50	11.39	11.50	13.89	14.50

U-NII 6 Conducted Power_P-Sensor Off								
Mode	Channel	Frequency (MHz)	ANT 1		ANT 2		ANT 1+2	
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm) ANT 1+2	Tune-Up Limit
802.11a	97	6435	2.85	3.00	2.84	3.00	5.13	6.00
	105	6475	2.78	3.00	2.80	3.00	5.09	6.00
	113	6515	2.79	3.00	2.76	3.00	4.94	6.00
802.11ax HE20	97	6435	1.75	2.00	1.74	2.00	4.70	5.00
	105	6475	1.85	2.00	1.75	2.00	4.67	5.00
	113	6515	1.85	2.00	1.84	2.00	4.41	5.00
802.11ax HE40	99	6445	4.75	5.00	4.78	5.00	7.69	8.00
	107	6485	4.83	5.00	4.76	5.00	7.68	8.00
802.11ax HE80	103	6465	8.33	8.50	8.31	8.50	10.67	11.50
	119	6545	8.24	8.50	8.26	8.50	10.38	11.50
802.11ax HE160	111	6505	11.33	11.50	11.42	11.50	13.71	14.50

U-NII 7 Conducted Power_P-Sensor Off								
Mode	Channel	Frequency (MHz)	ANT 1		ANT 2		ANT 1+2	
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm) ANT 1+2	Tune-Up Limit
802.11a	117	6535	2.79	3.00	2.72	3.00	5.01	6.00
	149	6695	2.79	3.00	2.81	3.00	5.79	6.00
	181	6855	2.79	3.00	2.83	3.00	5.42	6.00
802.11ax HE20	117	6535	1.76	2.00	1.72	2.00	4.42	5.00
	149	6695	1.70	2.00	1.79	2.00	4.90	5.00
	181	6855	1.80	2.00	1.71	2.00	4.83	5.00
802.11ax HE40	115	6525	4.76	5.00	4.75	5.00	7.46	8.00
	147	6685	4.70	5.00	4.71	5.00	7.84	8.00
	179	6845	4.76	5.00	4.82	5.00	8.00	8.00
802.11ax HE80	135	6625	8.20	8.50	8.25	8.50	10.82	11.50
	151	6705	8.20	8.50	8.29	8.50	11.13	11.50
	167	6785	8.30	8.50	8.25	8.50	11.49	11.50
	183	6865	8.32	8.50	8.28	8.50	11.42	11.50
802.11ax HE160	143	6665	11.22	11.50	11.34	11.50	13.85	14.50
	175	6825	11.39	11.50	11.48	11.50	14.44	14.50

U-NII 8 Conducted Power_P-Sensor Off								
Mode	Channel	Frequency (MHz)	ANT 1		ANT 2		ANT 1+2	
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm) ANT 1+2	Tune-Up Limit
802.11a	185	6875	2.83	3.00	2.84	3.00	5.41	6.00
	209	6995	2.82	3.00	2.76	3.00	5.02	6.00
	233	7115	2.77	3.00	2.76	3.00	5.65	6.00
802.11ax HE20	185	6875	1.79	2.00	1.72	2.00	4.89	5.00
	209	6995	1.70	2.00	1.85	2.00	4.43	5.00
	233	7115	-2.75	-2.50	-2.65	-2.50	-1.26	0.50
802.11ax HE40	187	6885	4.76	5.00	4.82	5.00	7.91	8.00
	211	7005	4.84	5.00	4.70	5.00	7.48	8.00
	227	7085	4.81	5.00	4.77	5.00	7.95	8.00
802.11ax HE80	199	6945	8.32	8.50	8.33	8.50	10.85	11.50
	215	7025	8.32	8.50	8.34	8.50	10.85	11.50
802.11ax HE160	207	6985	11.33	11.50	11.21	11.50	13.21	14.50

WLAN 2.4 GHz Conducted Power_P-Sensor On								
Mode	Channel	Frequency (MHz)	ANT 1		ANT 2		ANT 1+2	
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm) ANT 1+2	Tune-Up Limit
802.11b	1	2412	16.78	17.00	16.65	17.00	19.74	20.00
	6	2437	16.99	17.00	16.87	17.00	19.73	20.00
	11	2462	16.78	17.00	16.91	17.00	19.32	20.00
	12	2467	16.95	17.00	16.88	17.00	19.73	20.00
	13	2472	15.72	16.00	15.75	16.00	18.88	19.00
802.11g	1	2412	16.87	17.00	16.60	17.00	19.70	20.00
	6	2437	16.84	17.00	16.82	17.00	19.54	20.00
	11	2462	16.74	17.00	16.68	17.00	19.44	20.00
	12	2467	16.73	17.00	16.85	17.00	19.73	20.00
	13	2472	11.29	11.50	11.41	11.50	14.36	14.50
802.11n HT20	1	2412	16.71	17.00	16.60	17.00	19.53	20.00
	6	2437	16.75	17.00	16.80	17.00	19.60	20.00
	11	2462	16.87	17.00	16.82	17.00	19.52	20.00
	12	2467	16.70	17.00	16.84	17.00	19.95	20.00
	13	2472	4.97	5.00	4.93	5.00	7.96	8.00
802.11n HT40	3	2422	16.78	17.00	16.82	17.00	19.70	20.00
	6	2437	16.74	17.00	16.87	17.00	19.49	20.00
	9	2452	16.85	17.00	16.82	17.00	19.40	20.00
	10	2457	16.72	17.00	16.64	17.00	19.57	20.00
	11	2462	12.32	12.50	12.36	12.50	15.35	15.50
802.11ac VHT20	1	2412	16.88	17.00	16.64	17.00	19.39	20.00
	6	2437	16.86	17.00	16.83	17.00	19.51	20.00
	11	2462	16.70	17.00	16.81	17.00	19.71	20.00
	12	2467	16.70	17.00	16.78	17.00	19.95	20.00
	13	2472	5.10	5.50	4.98	5.50	8.05	8.50
802.11ac VHT40	3	2422	16.75	17.00	16.80	17.00	19.67	20.00
	6	2437	16.78	17.00	16.89	17.00	19.54	20.00
	9	2452	16.81	17.00	16.68	17.00	19.41	20.00
	10	2457	16.89	17.00	16.85	17.00	19.35	20.00
	11	2462	12.42	12.50	12.45	12.50	15.45	15.50
802.11ax HE20	1	2412	16.72	17.00	16.61	17.00	19.42	20.00
	6	2437	16.75	17.00	16.67	17.00	19.40	20.00
	11	2462	16.80	17.00	16.82	17.00	19.72	20.00
	12	2467	16.81	17.00	16.68	17.00	19.99	20.00
	13	2472	5.18	5.50	5.10	5.50	8.15	8.50
802.11ax HE40	3	2422	16.80	17.00	16.88	17.00	19.49	20.00
	6	2437	16.74	17.00	16.79	17.00	19.73	20.00
	9	2452	16.84	17.00	16.82	17.00	19.66	20.00
	10	2457	16.74	17.00	16.82	17.00	19.48	20.00
	11	2462	12.45	12.50	12.49	12.50	15.48	15.50

WLAN 5.2 GHz Conducted Power_P-Sensor On								
Mode	Channel	Frequency (MHz)	ANT 1		ANT 2		ANT 1+2	
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm) ANT 1+2	Tune-Up Limit
802.11a	36	5180	15.88	16.00	15.70	16.00	18.73	19.00
	40	5200	15.83	16.00	15.80	16.00	18.65	19.00
	44	5220	15.76	16.00	15.86	16.00	18.46	19.00
	48	5240	15.85	16.00	15.80	16.00	18.73	19.00
802.11n HT20	36	5180	15.72	16.00	15.81	16.00	18.71	19.00
	40	5200	15.78	16.00	15.89	16.00	18.54	19.00
	44	5220	15.70	16.00	15.81	16.00	18.59	19.00
	48	5240	15.79	16.00	15.85	16.00	18.71	19.00
802.11n HT40	38	5190	14.78	15.00	14.87	15.00	17.69	18.00
	46	5230	15.78	16.00	15.89	16.00	18.56	19.00
802.11ac VHT20	36	5180	15.72	16.00	15.60	16.00	18.48	19.00
	40	5200	15.80	16.00	15.85	16.00	18.74	19.00
	44	5220	15.81	16.00	15.81	16.00	18.78	19.00
	48	5240	15.84	16.00	15.85	16.00	18.65	19.00
802.11ac VHT40	38	5190	14.82	15.00	14.96	15.00	17.76	18.00
	46	5230	15.83	16.00	15.89	16.00	18.59	19.00
802.11ac VHT80	42	5210	13.88	14.00	13.99	14.00	16.77	17.00
802.11ax HE20	36	5180	15.79	16.00	15.85	16.00	18.63	19.00
	40	5200	15.73	16.00	15.87	16.00	18.58	19.00
	44	5220	15.73	16.00	15.81	16.00	18.67	19.00
	48	5240	15.79	16.00	15.89	16.00	18.68	19.00
802.11ax HE40	38	5190	14.89	15.00	14.95	15.00	17.83	18.00
	46	5230	15.83	16.00	15.82	16.00	18.70	19.00
802.11ax HE80	42	5210	13.92	14.00	13.99	14.00	16.88	17.00

WLAN 5.3 GHz Conducted Power_P-Sensor On								
Mode	Channel	Frequency (MHz)	ANT 1		ANT 2		ANT 1+2	
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm) ANT 1+2	Tune-Up Limit
802.11a	52	5260	15.77	16.00	15.88	16.00	18.65	19.00
	56	5280	15.83	16.00	15.83	16.00	18.53	19.00
	60	5300	15.77	16.00	15.78	16.00	18.51	19.00
	64	5320	15.78	16.00	15.75	16.00	18.54	19.00
802.11n HT20	52	5260	15.74	16.00	15.74	16.00	18.65	19.00
	56	5280	15.77	16.00	15.80	16.00	18.52	19.00
	60	5300	15.70	16.00	15.81	16.00	18.59	19.00
	64	5320	15.78	16.00	15.73	16.00	18.64	19.00
802.11n HT40	54	5270	15.76	16.00	15.85	16.00	18.52	19.00
	62	5310	14.85	15.00	14.89	15.00	17.49	18.00
802.11ac VHT20	52	5260	15.83	16.00	15.87	16.00	18.57	19.00
	56	5280	15.73	16.00	15.79	16.00	18.57	19.00
	60	5300	15.74	16.00	15.87	16.00	18.65	19.00
	64	5320	15.80	16.00	15.82	16.00	18.59	19.00
802.11ac VHT40	54	5270	15.80	16.00	15.74	16.00	18.61	19.00
	62	5310	14.86	15.00	14.86	15.00	17.58	18.00
802.11ac VHT80	58	5290	13.89	14.00	13.91	14.00	16.50	17.00
802.11ac VHT160	50	5250	10.81	11.00	10.99	11.00	13.90	14.00
802.11ax HE20	52	5260	15.73	16.00	15.88	16.00	18.74	19.00
	56	5280	15.71	16.00	15.72	16.00	18.52	19.00
	60	5300	15.85	16.00	15.75	16.00	18.60	19.00
	64	5320	15.79	16.00	15.79	16.00	18.43	19.00
802.11ax HE40	54	5270	15.76	16.00	15.86	16.00	18.64	19.00
	62	5310	14.82	15.00	14.79	15.00	17.67	18.00
802.11ax HE80	58	5290	13.89	14.00	13.87	14.00	16.56	17.00
802.11ax HE160	50	5250	10.89	11.00	10.92	11.00	13.94	14.00

WLAN 5.6 GHz Conducted Power_P-Sensor On								
Mode	Channel	Frequency (MHz)	ANT 1		ANT 2		ANT 1+2	
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm) ANT 1+2	Tune-Up Limit
802.11a	100	5500	16.71	17.00	16.56	17.00	19.73	20.00
	116	5580	16.64	17.00	16.83	17.00	19.72	20.00
	124	5620	16.52	17.00	16.65	17.00	19.74	20.00
	132	5660	16.85	17.00	16.73	17.00	19.65	20.00
	140	5700	16.83	17.00	16.84	17.00	19.49	20.00
	144	5720	16.51	17.00	16.64	17.00	19.67	20.00
802.11n HT20	100	5500	16.70	17.00	16.51	17.00	19.71	20.00
	116	5580	16.74	17.00	16.67	17.00	19.54	20.00
	124	5620	16.58	17.00	16.77	17.00	19.40	20.00
	132	5660	16.65	17.00	16.66	17.00	19.63	20.00
	140	5700	16.65	17.00	16.71	17.00	19.67	20.00
	144	5720	16.84	17.00	16.60	17.00	19.72	20.00
802.11n HT40	102	5510	14.74	15.00	14.87	15.00	17.60	18.00
	110	5550	16.53	17.00	16.65	17.00	19.65	20.00
	126	5630	16.71	17.00	16.50	17.00	19.65	20.00
	134	5670	16.52	17.00	16.83	17.00	19.54	20.00
	142	5710	16.78	17.00	16.70	17.00	19.60	20.00
802.11ac VHT20	100	5500	16.80	17.00	16.68	17.00	19.58	20.00
	116	5580	16.55	17.00	16.66	17.00	19.55	20.00
	124	5620	16.71	17.00	16.59	17.00	19.76	20.00
	132	5660	16.81	17.00	16.63	17.00	19.69	20.00
	140	5700	16.69	17.00	16.83	17.00	19.73	20.00
	144	5720	16.72	17.00	16.50	17.00	19.68	20.00
802.11ac VHT40	102	5510	14.84	15.00	14.82	15.00	17.73	18.00
	110	5550	16.83	17.00	16.68	17.00	19.71	20.00
	126	5630	16.72	17.00	16.75	17.00	19.64	20.00
	134	5670	16.80	17.00	16.60	17.00	19.75	20.00
	142	5710	16.64	17.00	16.84	17.00	19.50	20.00
802.11ac VHT80	106	5530	14.42	14.50	14.41	14.50	17.10	17.50
	122	5610	16.50	17.00	16.58	17.00	19.75	20.00
	138	5690	16.93	17.00	16.79	17.00	19.86	20.00
802.11ac VHT160	114	5570	14.36	14.50	14.33	14.50	16.99	17.50
802.11ax HE20	100	5500	16.71	17.00	16.76	17.00	19.75	20.00
	116	5580	16.81	17.00	16.66	17.00	19.55	20.00
	124	5620	16.59	17.00	16.77	17.00	19.64	20.00
	132	5660	16.67	17.00	16.70	17.00	19.51	20.00
	140	5700	16.77	17.00	16.62	17.00	19.60	20.00
	144	5720	16.55	17.00	16.51	17.00	19.65	20.00
802.11ax HE40	102	5510	14.92	15.00	14.79	15.00	17.79	18.00
	110	5550	16.65	17.00	16.84	17.00	19.61	20.00
	126	5630	16.74	17.00	16.75	17.00	19.54	20.00
	134	5670	16.54	17.00	16.81	17.00	19.62	20.00
	142	5710	16.65	17.00	16.79	17.00	19.56	20.00
802.11ax HE80	106	5530	14.39	14.50	14.42	14.50	17.17	17.50
	122	5610	16.78	17.00	16.75	17.00	19.67	20.00
	138	5690	16.54	17.00	16.76	17.00	19.70	20.00
802.11ax HE160	114	5570	14.38	14.50	14.41	14.50	17.04	17.50

WLAN 5.8 GHz Conducted Power_P-Sensor On								
Mode	Channel	Frequency (MHz)	ANT 1		ANT 2		ANT 1+2	
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm) ANT 1+2	Tune-Up Limit
802.11a	149	5745	15.66	16.00	15.63	16.00	18.78	19.00
	157	5785	15.73	16.00	15.83	16.00	18.78	19.00
	165	5825	15.79	16.00	15.76	16.00	18.54	19.00
	169	5845	15.76	16.00	15.65	16.00	18.75	19.00
	173	5865	15.60	16.00	15.61	16.00	18.53	19.00
	177	5885	15.71	16.00	15.63	16.00	18.58	19.00
802.11n HT20	149	5745	15.71	16.00	15.65	16.00	18.76	19.00
	157	5785	15.70	16.00	15.68	16.00	18.38	19.00
	165	5825	15.72	16.00	15.82	16.00	18.66	19.00
	169	5845	15.69	16.00	15.58	16.00	18.73	19.00
	173	5865	15.78	16.00	15.80	16.00	18.41	19.00
	177	5885	15.70	16.00	15.63	16.00	18.66	19.00
802.11n HT40	151	5755	15.79	16.00	15.73	16.00	18.52	19.00
	159	5795	15.75	16.00	15.78	16.00	18.56	19.00
	167	5835	15.77	16.00	15.62	16.00	18.57	19.00
	175	5875	15.63	16.00	15.67	16.00	18.55	19.00
802.11ac VHT20	149	5745	15.79	16.00	15.63	16.00	18.62	19.00
	157	5785	15.66	16.00	15.64	16.00	18.59	19.00
	165	5825	15.67	16.00	15.79	16.00	18.63	19.00
	169	5845	15.77	16.00	15.81	16.00	18.66	19.00
	173	5865	15.76	16.00	15.68	16.00	18.76	19.00
	177	5885	15.73	16.00	15.64	16.00	18.54	19.00
802.11ac VHT40	151	5755	15.71	16.00	15.62	16.00	18.52	19.00
	159	5795	15.77	16.00	15.79	16.00	18.63	19.00
	167	5835	15.74	16.00	15.50	16.00	18.53	19.00
	175	5875	15.76	16.00	15.81	16.00	18.69	19.00
802.11ac VHT80	155	5775	15.69	16.00	15.74	16.00	18.65	19.00
	171	5855	15.71	16.00	15.64	16.00	18.66	19.00
802.11ac VHT160	163	5815	15.79	16.00	15.88	16.00	18.78	19.00
802.11ax HE20	149	5745	15.60	16.00	15.75	16.00	18.76	19.00
	157	5785	15.74	16.00	15.78	16.00	18.57	19.00
	165	5825	15.78	16.00	15.66	16.00	18.64	19.00
	169	5845	15.78	16.00	15.60	16.00	18.62	19.00
	173	5865	15.77	16.00	15.74	16.00	18.76	19.00
	177	5885	15.73	16.00	15.77	16.00	18.65	19.00
802.11ax HE40	151	5755	15.79	16.00	15.73	16.00	18.65	19.00
	159	5795	15.74	16.00	15.83	16.00	18.68	19.00
	167	5835	15.70	16.00	15.65	16.00	18.50	19.00
	175	5875	15.76	16.00	15.74	16.00	18.49	19.00
802.11ax HE80	155	5775	15.75	16.00	15.61	16.00	18.60	19.00
	171	5855	15.73	16.00	15.60	16.00	18.60	19.00
802.11ax HE160	163	5815	15.72	16.00	15.55	16.00	18.56	19.00

U-NII 5 Conducted Power_P-Sensor On								
Mode	Channel	Frequency (MHz)	ANT 1		ANT 2		ANT 1+2	
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm) ANT 1+2	Tune-Up Limit
802.11a	1	5955	2.77	3.00	2.80	3.00	5.30	6.00
	45	6175	2.79	3.00	2.74	3.00	5.43	6.00
	93	6415	2.77	3.00	2.79	3.00	5.26	6.00
802.11ax HE20	1	5955	1.74	2.00	1.79	2.00	4.82	5.00
	45	6175	1.85	2.00	1.82	2.00	4.96	5.00
	93	6415	1.83	2.00	1.74	2.00	4.85	5.00
802.11ax HE40	3	5965	4.77	5.00	4.80	5.00	7.90	8.00
	43	6165	4.78	5.00	4.71	5.00	7.89	8.00
	91	6405	4.84	5.00	4.72	5.00	7.97	8.00
802.11ax HE80	7	5985	8.28	8.50	8.29	8.50	10.79	11.50
	39	6145	8.24	8.50	8.20	8.50	11.02	11.50
	87	6385	8.22	8.50	8.35	8.50	10.79	11.50
802.11ax HE160	15	6025	11.24	11.50	11.21	11.50	13.49	14.50
	47	6185	11.31	11.50	11.44	11.50	14.44	14.50
	79	6345	11.44	11.50	11.39	11.50	13.89	14.50

U-NII 6 Conducted Power_P-Sensor On								
Mode	Channel	Frequency (MHz)	ANT 1		ANT 2		ANT 1+2	
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm) ANT 1+2	Tune-Up Limit
802.11a	97	6435	2.85	3.00	2.84	3.00	5.13	6.00
	105	6475	2.78	3.00	2.80	3.00	5.09	6.00
	113	6515	2.79	3.00	2.76	3.00	4.94	6.00
802.11ax HE20	97	6435	1.75	2.00	1.74	2.00	4.70	5.00
	105	6475	1.85	2.00	1.75	2.00	4.67	5.00
	113	6515	1.85	2.00	1.84	2.00	4.41	5.00
802.11ax HE40	99	6445	4.75	5.00	4.78	5.00	7.69	8.00
	107	6485	4.83	5.00	4.76	5.00	7.68	8.00
802.11ax HE80	103	6465	8.33	8.50	8.31	8.50	10.67	11.50
	119	6545	8.24	8.50	8.26	8.50	10.38	11.50
802.11ax HE160	111	6505	11.33	11.50	11.42	11.50	13.71	14.50

U-NII 7 Conducted Power_P-Sensor On								
Mode	Channel	Frequency (MHz)	ANT 1		ANT 2		ANT 1+2	
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm) ANT 1+2	Tune-Up Limit
802.11a	117	6535	2.79	3.00	2.72	3.00	5.01	6.00
	149	6695	2.79	3.00	2.81	3.00	5.79	6.00
	181	6855	2.79	3.00	2.83	3.00	5.42	6.00
802.11ax HE20	117	6535	1.76	2.00	1.72	2.00	4.42	5.00
	149	6695	1.70	2.00	1.79	2.00	4.90	5.00
	181	6855	1.80	2.00	1.71	2.00	4.83	5.00
802.11ax HE40	115	6525	4.76	5.00	4.75	5.00	7.46	8.00
	147	6685	4.70	5.00	4.71	5.00	7.84	8.00
	179	6845	4.76	5.00	4.82	5.00	8.00	8.00
802.11ax HE80	135	6625	8.20	8.50	8.25	8.50	10.82	11.50
	151	6705	8.20	8.50	8.29	8.50	11.13	11.50
	167	6785	8.30	8.50	8.25	8.50	11.49	11.50
	183	6865	8.32	8.50	8.28	8.50	11.42	11.50
802.11ax HE160	143	6665	11.22	11.50	11.34	11.50	13.85	14.50
	175	6825	11.39	11.50	11.48	11.50	14.44	14.50

U-NII 8 Conducted Power_P-Sensor On								
Mode	Channel	Frequency (MHz)	ANT 1		ANT 2		ANT 1+2	
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm) ANT 1+2	Tune-Up Limit
802.11a	185	6875	2.83	3.00	2.84	3.00	5.41	6.00
	209	6995	2.82	3.00	2.76	3.00	5.02	6.00
	233	7115	2.77	3.00	2.76	3.00	5.65	6.00
802.11ax HE20	185	6875	1.79	2.00	1.72	2.00	4.89	5.00
	209	6995	1.70	2.00	1.85	2.00	4.43	5.00
	233	7115	-2.75	-2.50	-2.65	-2.50	-1.26	0.50
802.11ax HE40	187	6885	4.76	5.00	4.82	5.00	7.91	8.00
	211	7005	4.84	5.00	4.70	5.00	7.48	8.00
	227	7085	4.81	5.00	4.77	5.00	7.95	8.00
802.11ax HE80	199	6945	8.32	8.50	8.33	8.50	10.85	11.50
	215	7025	8.32	8.50	8.34	8.50	10.85	11.50
802.11ax HE160	207	6985	11.33	11.50	11.21	11.50	13.21	14.50

8.8. Measured Conducted Power Results for Bluetooth

This device has installed Bluetooth engineering testing software which can provide continuous transmitting RF signal. During Bluetooth SAR testing, this device was operated to transmit continuously at the maximum transmission duty with specified transmission mode, operating frequency, lowest data rate, and maximum output power.

The Bluetooth call box has been used during SAR measurement and the DUT was set to DH5 mode at the maximum output power. Its duty factor was calculated as below and the measured SAR for Bluetooth would be scaled to the 100% transmission duty factor to determine compliance.

BT 2.0 / 3.0 Conducted Power P-Sensor Off							
Mode		Channel	Frequency (MHz)	ANT 1		ANT 2	
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit
BR / EDR	1Mbps (GFSK)	0	2402	7.85	8.50	8.30	8.50
		39	2441	7.88	8.50	8.49	8.50
		78	2480	7.86	8.50	8.48	8.50
	2Mbps ($\pi/4$ DQPSK)	0	2402	6.41	6.50	6.33	6.50
		39	2441	6.43	6.50	6.43	6.50
		78	2480	6.32	6.50	6.47	6.50
	3Mbps (8-DPSK)	0	2402	6.36	6.50	6.41	6.50
		39	2441	6.39	6.50	6.46	6.50
		78	2480	6.22	6.50	6.45	6.50

BT 4.0 / 5.0 Conducted Power P-Sensor Off							
Mode		Channel	Frequency (MHz)	ANT 1		ANT 2	
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit
LE	1Mbps (GFSK)	0	2402	6.79	8.50	7.25	8.50
		19	2440	6.69	8.50	7.56	8.50
		39	2480	7.86	8.50	7.59	8.50
	2Mbps ($\pi/4$ DQPSK)	1	2404	6.02	6.50	6.22	6.50
		19	2440	6.11	6.50	6.35	6.50
		38	2478	6.08	6.50	6.31	6.50

BT 2.0 / 3.0 Conducted Power P-Sensor On							
Mode		Channel	Frequency (MHz)	ANT 1		ANT 2	
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit
BR / EDR	1Mbps (GFSK)	0	2402	7.85	8.50	8.30	8.50
		39	2441	7.88	8.50	8.49	8.50
		78	2480	7.86	8.50	8.48	8.50
	2Mbps ($\pi/4$ DQPSK)	0	2402	6.41	6.50	6.33	6.50
		39	2441	6.43	6.50	6.43	6.50
		78	2480	6.32	6.50	6.47	6.50
	3Mbps (8-DPSK)	0	2402	6.36	6.50	6.41	6.50
		39	2441	6.39	6.50	6.46	6.50
		78	2480	6.22	6.50	6.45	6.50

BT 4.0 / 5.0 Conducted Power P-Sensor On							
Mode		Channel	Frequency (MHz)	ANT 1		ANT 2	
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit
LE	1Mbps (GFSK)	0	2402	6.79	8.50	7.25	8.50
		19	2440	6.69	8.50	7.56	8.50
		39	2480	7.86	8.50	7.59	8.50
	2Mbps ($\pi/4$ DQPSK)	1	2404	6.02	6.50	6.22	6.50
		19	2440	6.11	6.50	6.35	6.50
		38	2478	6.08	6.50	6.31	6.50

9. Evaluation for Standalone Transmission Scenario

9.1. Test Notes

General Notes:

- [1] Per KDB 447498 D01, SAR results were scaled to the maximum allowed power to demonstrate compliance. When SAR is not measured at the maximum power level allowed for production units, the measured SAR will be scaled to the maximum tune-up tolerance limit to determine compliance.
- [2] The SAR has been measured with highest transmission duty factor supported by the test mode tools for WLAN and/or Bluetooth. When the transmission duty factor could not achieve 100%, the reported SAR will be scaled to 100% transmission duty factor to determine compliance at the maximum tune-up power.
- [3] The reported SAR was calculated as below:
 - Tune-up Scaling Factor = Maximum Tune-up Limit Power (mW) / Measured Conducted Power (mW)
 - Duty Factor Scaling Factor = 100% / Transmission Duty Cycle (%)
 - WWAN Reported SAR = Measured SAR x Tune-up Scaling Factor
 - WLAN / Bluetooth Reported SAR = Measured SAR x Tune-up Scaling Factor x Duty Cycle Scaling Factor
- [4] Testing of other required channels within the operating mode of a frequency band is not required when the reported SAR for the mid-band or highest output power channel is:
 - 1g SAR ≤ 0.8 W/kg or 10g SAR ≤ 2.0 W/kg, when the transmission band is ≤ 100 MHz
 - 1g SAR ≤ 0.6 W/kg or 10g SAR ≤ 1.5 W/kg, when the transmission band is between 100 MHz and 200 MHz
 - 1g SAR ≤ 0.4 W/kg or 10g SAR ≤ 1.0 W/kg, when the transmission band is ≥ 200 MHz
- [5] Per KDB Publication 648474 D04, body-worn SAR was evaluated without a headset connected to the device. Since the standalone reported body-worn SAR was ≤ 1.2 W/kg, no additional body-worn SAR evaluation with a headset was required.
- [6] Per KDB 865664 D01, variability SAR tests were performed when the measured SAR results for a frequency band were ≥ 0.8 W/kg.
- [7] During SAR testing for the wireless router conditions per KDB Publication 941225 D06, the actual portable Hotspot operation (with actual simultaneous transmission of a transmitter with Wi-Fi) was not activated.
- [8] Per KDB Publication 648474 D04, this device is considered as "Phablet" since its overall diagonal dimension is > 16 cm. Therefore, Phablet SAR tests are required when wireless router mode does not apply or if wireless router 1g SAR > 1.2 W/kg.
- [9] Unless otherwise noted, when 10g SAR measurement is considered, a factor of 2.5 is applied to the 1g thresholds for the equivalent test cases.

GSM Test Notes:

- [1] Body-Worn accessory testing is typically associated with voice operations. Therefore, GSM voice was evaluated for body-worn SAR.
- [2] Per KDB Publication 941225 D01 and October 2013 TCB Workshop notes, the source-based frame-averaged output power was evaluated for all GPRS/EDGE slot configurations. The configuration with the highest target frame averaged output power was evaluated for hotspot SAR. When the maximum frame-averaged powers are equivalent across two or more slots within 0.25 dB, the configuration with the largest number of time slots was tested.
- [3] Per KDB Publication 447498 D01, if the reported SAR measured at the highest output power channel for each test configuration is ≤ 0.8 W/kg for 1g SAR, testing for other channels is not required for such test configuration.

WCDMA Notes:

- [1] Per KDB Publication 941225 D01, WCDMA mode was tested under RMC 12.2 kbps with TPC bits configured to all "1's". AMR and HSPA SAR was not required per the 3G Test Reduction Procedure.
- [2] The maximum output power and tune-up tolerance specified for production units in HSDPA / HSUPA is ≤ 0.25 dB higher than RMC 12.2 kbps or when the highest reported SAR of the RMC 12.2 kbps is scaled by the ratio of specified maximum output power and tune-up tolerance of HSDPA / HSUPA to RMC 12.2 kbps and the adjusted SAR is ≤ 1.2 W/kg, SAR measurement was not required for HSDPA / HSUPA.
- [3] Per KDB Publication 447498 D01, if the reported SAR measured at the highest output power channel for each test configuration is ≤ 0.8 W/kg for 1g SAR, testing for other channels is not required for such test configuration.

LTE Notes:

- [1] Per KDB Publication 941225 D05, for QPSK with 1 RB and 50% RB allocation, LTE test configuration start with the largest channel bandwidth and measure SAR using the RB offset and required test channel combination with the highest maximum output power.
- [2] When the reported SAR is ≤ 0.8 W/kg, testing of the remaining RB offset configurations and required test channels is not required; otherwise, SAR is required for the remaining required test channels and only for the RB offset configuration with the highest output power for that channel. When the reported SAR of a required test channel is > 1.45 W/kg, SAR is required for all three RB offset configurations for that required test channel.
- [3] For QPSK with 100% RB allocation, SAR is not required when the highest maximum output power for 100% RB allocation is less than the highest maximum output power in 50% RB and 1RB allocations and the highest reported SAR for 1 RB and 50% RB allocation are ≤ 0.8 W/kg. Otherwise, SAR is measured for the highest output power channel; and if the reported SAR is > 1.45 W/kg, the remaining required test channels must also be tested.
- [4] The SAR testing for 16QAM is not required due to the output power of 16QAM for each RB allocation configuration is not > 0.5 dB higher than the same configuration in QPSK and the reported SAR for the QPSK configuration is ≤ 1.45 W/kg.
- [5] The SAR testing for smaller bandwidth is not required due to the output power of smaller bandwidth for each RB allocation configuration is not > 0.5 dB higher than the same configuration in the largest supported bandwidth, and the reported SAR for the largest supported bandwidth is ≤ 1.45 W/kg.
- [6] MPR is permanently implemented for this device by the manufacturer. The specific manufacturer target MPR is indicated alongside the SAR results. MPR is enabled for this device, according to 3GPP TS 36.101 Section 6.2.3 – 6.2.5 under Table 6.2.3-1.
- [7] A-MPR was disabled for all SAR tests by setting NS=01 and MCC=001 on the base station simulator. SAR tests were performed with the same number of RB and RB offsets transmitting on all TTI frames (maximum TTI).
- [8] Per KDB Publication 447498 D01, when the reported 1g SAR measured at the highest output power channel in a given a test configuration was > 0.6 W/kg for LTE B41 / B48, testing at the other channels was required for such test configurations.
- [9] TDD-LTE was tested per the guidance provided in KDB Publication 941225 D05. Testing was performed using UL-DL configuration 0 with 6 UL subframes and 2 S subframes using extended cyclic prefix only and special subframe configuration 6. SAR tests were performed at maximum output power and worst-case transmission duty factor in extended cyclic prefix. Per 3GPP TS 36.211 Section 4, the duty factor for special subframe configuration 6 using extended cyclic prefix is 0.633.
- [10] SAR for downlink only LTE CA operations was not needed since the maximum average output power in LTE CA mode was not > 0.25 dB higher than the maximum output power when downlink carrier aggregation was inactive.
- [11] For LTE Band 66, LTE Band 48, and LTE Band 41, per FCC guidance, SAR was first measured with only a

single carrier active in the uplink (carrier aggregation not active). For each exposure condition, the uplink CA scenario with two component carriers was additionally tested for the configuration with the highest SAR when carrier aggregation was not active. The SCC was configured with the closest available contiguous channel. The two component carriers were configured so the resource blocks are physically allocated side by side to achieve the maximum output power.

- [12] The additional SAR measurement for LTE UL CA with other DL CA combinations active were not required since the maximum output power for this configuration was not > 0.25 dB higher than the maximum output power for UL CA active.
- [13] For LTE B4 / B5 / B12 / B17 / B26 / B38 / B71 the maximum bandwidth does not support three non-overlapping channels, per KDB 941225 D05, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.
- [14] LTE band 2 / 4 SAR test was covered by band 25 / 66; according to TCB workshop, SAR test for overlapping LTE bands can be reduced if the maximum output power, including tolerance, for the smaller band is $\leq$ the larger band to qualify for the SAR test exclusion, and the channel bandwidth and other operating parameters for the smaller band are fully supported by the larger band.

NR Notes:

- [1] SAR measurement is not required for the $\pi/2$ BPSK, 16QAM, 64QAM and 256QAM when the highest maximum output power is ≤ 0.5 dB higher than the QPSK or when the reported SAR for the QPSK configuration is ≤ 1.45 W/kg.
- [2] NR implementation supports SA and NSA mode. In EN-DC mode, NR operates with the LTE Bands acting as anchor bands. Per FCC guidance, SAR tests for NR bands and LTE anchor bands were performed separately due to limitations in SAR probe calibration factors.
- [3] Due to test setup limitations, SAR testing for NR TDD was performed using test mode software to establish the connection.
- [4] Simultaneous transmission analysis for EN-DC operations is addressed in the Test Report section 10.2
- [5] Per FCC Guidance, NR modulations and RB Sizes / Offsets were selected for testing such that configurations with the highest output power were evaluated for SAR tests.
- [6] Per KDB Publication 447498 D01, when the reported NR Band n77 C-Band SAR measured at the highest output power channel in a given test configuration was > 0.4 W/kg for 1g evaluations and > 1 W/kg for 10g evaluation, testing at the other channels was required for such test configurations.
- [7] Per KDB Publication 447498 D01, when the reported NR Band n41 / n48 SAR measured at the highest output power channel in a given test configuration was > 0.6 W/kg for 1g evaluations and > 1.5 W/kg for 10g evaluation, testing at the other channels was required for such test configurations.
- [8] SRS was tested with CW signal per Qualcomm guidance in 80-w2112-4.
- [9] For final implementation, NR Band n41, n48 and n77 slot configuration is synchronized using maximum duty cycle of 100%. SAR testing was performed using Factory Test Mode software with a 100 % duty cycle applied to match final duty cycle.
- [10] Per FCC Guidance, C-Band for NR n77 (3705 ~ 3975 MHz) was fully tested according to FCC procedures. For each exposure condition and antenna, the worst-case position was additionally evaluated for the NR n77 DoD (3455.01 ~ 3544.98 MHz).
- [11] For NR n5 / n12 / n41 / n71 / n77, the maximum channel bandwidth does not support three non-overlapping channels in the frequency band, the middle channel of the group of overlapping channels were selected for testing.
- [12] Due to test setup limitation, SAR testing for NR TDD Power Class 3 and Power Class 2 was performed using Factory Test Mode software to establish the connection and perform SAR with 100% and 50% transmission respectively.

WLAN Notes:

- [1] Per KDB Publication 248227 D01, for held-to-ear, hotspot, and phablet (mini-tablet) operations, the initial test position procedures were applied. The test position with the highest extrapolated peak SAR will be used as the initial test position. When reported 1g SAR for the initial test position is ≤ 0.4 W/kg, no additional testing for the remaining test positions was required. Otherwise, SAR is evaluated at the subsequent highest peak SAR positions until the reported SAR result is ≤ 0.8 W/kg or all test positions are measured.
- [2] For 2.4 GHz Wi-Fi single transmission chain operations, the highest measured maximum output power channel of 802.11b for DSSS was selected for SAR measurement. SAR for OFDM modes (802.11g/n/ax) was not required due to the highest reported SAR for DSSS adjusted by the ratio of OFDM to DSSS specified maximum output power is ≤ 1.2 W/kg.
- [3] SAR is not required for channel 12 and 13 because the maximum output power and the measured output power for these two channels are not greater than the default test channels.
- [4] For 5 GHz Wi-Fi operations, the initial test configuration was selected according to the transmission mode with the highest maximum allowed powers. Other transmission modes were not investigated since the highest reported 1g SAR for initial test configuration adjusted by the ratio of subsequent test configuration to initial test configuration specified maximum output power is 1.2 W/kg.
- [5] SAR testing for U-NII-1 is not required due to the highest reported SAR for U-NII-2A is ≤ 1.2 W/kg.
- [6] When the maximum reported 1g averaged SAR is ≤ 0.8 W/kg, SAR testing on additional channels was not required. Otherwise, SAR for the next highest output power channel was required until the reported SAR result was ≤ 1.20 W/kg for 1g evaluations or all test channels were measured.
- [7] SAR for MIMO mode was evaluated by following the simultaneous SAR provisions from KDB Publication 447498 D01 by either evaluating the sum of the 1g SAR values of each antenna transmitting independently or making a SAR measurement with both antennas transmitting simultaneously.
- [8] For scaling factor determination of the reported SAR of MIMO mode, if the hot spots are separated the scaling factors are individually determined from each transmit chain. If the hot spots are not spatially separated, the scaling factor is determined from the worst number of each transmit chain.
- [9] The device was configured to transmit continuously at the required data rate, channel bandwidth and signal modulation, using the highest transmission duty factor supported by the test mode tools. The reported SAR was scaled to the 100 % transmission duty factor to determine compliance.
- [10] When 10g SAR measurement is considered, a factor of 2.5 is applied to the thresholds above.

Wi-Fi 6E PD Notes:

- [1] The Wi-Fi 6E PD was performed according 2020 TCB workshop RF Exposure 5G RFX Policies Interim Procedures.
- [2] First, evaluate SAR using 6-7 GHz parameters per IEC/IEEE 62209-1528:2020 and using highest SAR test configurations evaluate incident PD using the mmW near-field probe and total-field / power-density reconstruction method (2 mm closest meas. plane).
- [3] Per Interim Procedures, the power density results were scaled according to IEC 62479:2010 for the portion of the measurement uncertainty > 30 %. Total expanded uncertainty of 2.68 dB (85.4%) was used to determine the psPD measurement scaling factor.
- [4] The manufacturer has confirmed that the devices tested have the same physical, mechanical and thermal characteristics and are within operational tolerances expected for production units.
- [5] The absorbed power density (APD) using a 4 cm² averaging area is reported based on SAR measurements.
- [6] Power density was calculated by repeated E-field measurements on two measurement planes separated by $\lambda/4$.
- [7] The device was configured to transmit continuously at the required data rate, channel bandwidth and signal modulation, using the highest transmission duty factor supported by the test mode tools.
- [8] The measurement procedure consists of measuring the PD_{inc} at two different distances: 2 mm (compliance distance) and $\lambda/5$. The grid extents should be large enough to fully capture the transmitted energy. The grid step should be fine enough to demonstrate that the integrated Power Density iPD_n fulfill the criterion described below. Since iPD ratio between the two distances is ≥ -1 dB, the grid step (0.0625) was sufficient for determining compliance at $d = 2$ mm.

$$10 \cdot \log_{10} \frac{iPD_n(2mm)}{iPD_n(\lambda/5)} \geq -1$$

- [9] iPD testing was performed on 5 selected channels spread across all of the 6E spectrum. Channels were determined based on the highest maximum output power and transmission mode combination. No channels that could transmit below 6 GHz were selected for testing so as to use the ESR Test Methodology only.
- [10] The test position for iPD was determined using the worst-case V/m on each required test position needed for consideration.

Bluetooth Notes

- [1] Bluetooth SAR was measured with the device connected to a callbox with hopping disabled with DH5 operation and Tx Tests test mode type. Per October 2016 TCB Workshop guidance, the reported SAR was scaled to the 76% transmission duty factor for Bluetooth to determine compliance.
- [2] Head and Hotspot Bluetooth SAR were evaluated for BT BDR tethering applications.
- [3] The highest frame average power configurations for both Bluetooth and Bluetooth LE were evaluated for SAR. The worst-case configuration was used for the remaining test positions as the most conservative scenario.
- [4] SAR measurement is not required for the 8PSK, BLE, and HDR. When the secondary mode is ≤ 0.25 dB higher than the primary mode.

9.2. Measured and Reported SAR Results for Head

Index.	Band	Modulation	Test Position	Spacing (mm)	Channel	RB Size	RB Offset	Antenna	RCV	Power Drift	Meas. Conducted Power (dBm)	Tune-up (dBm)	Duty Cycle (%)	SAR _{1g} (W/kg)	Reported SAR _{1g} (W/kg)	APD W/m ² (4cm ²)	Reported APD W/m ² (4cm ²)
1	GSM850	GPRS12	Right Cheek	0	251	-	-	Ant 0	w/o RCV	-0.02	32.15	33		0.305	0.37	-	-
	GSM850	GPRS12	Right Tilted	0	251	-	-	Ant 0	w/o RCV	0.11	32.15	33		0.199	0.24	-	-
	GSM850	GPRS12	Left Cheek	0	251	-	-	Ant 0	w/o RCV	0.04	32.15	33		0.278	0.34	-	-
	GSM850	GPRS12	Left Tilted	0	251	-	-	Ant 0	w/o RCV	0.1	32.15	33		0.191	0.23	-	-
	GSM850	GPRS12	Right Cheek	0	128	-	-	Ant 0	w/o RCV	0.15	32.12	33		0.29	0.36	-	-
	GSM850	GPRS12	Right Cheek	0	189	-	-	Ant 0	w/o RCV	-0.17	32.08	33		0.301	0.37	-	-
	GSM850	GPRS12	Right Cheek	0	251	-	-	Ant 1	w/o RCV	-0.16	32.38	33		0.107	0.12	-	-
	GSM850	GPRS12	Right Tilted	0	251	-	-	Ant 1	w/o RCV	-0.13	32.38	33		0.063	0.07	-	-
2	GSM850	GPRS12	Left Cheek	0	251	-	-	Ant 1	w/o RCV	-0.08	32.38	33		0.126	0.15	-	-
	GSM850	GPRS12	Left Tilted	0	251	-	-	Ant 1	w/o RCV	-0.11	32.38	33		0.114	0.13	-	-
	GSM850	GPRS12	Left Cheek	0	128	-	-	Ant 1	w/o RCV	-0.13	32	33		0.107	0.13	-	-
	GSM850	GPRS12	Left Cheek	0	189	-	-	Ant 1	w/o RCV	0.18	32.15	33		0.111	0.13	-	-
	GSM1900	GPRS10	Right Cheek	0	661	-	-	Ant 0	w/o RCV	-0.14	29.37	30		0.151	0.17	-	-
	GSM1900	GPRS10	Right Tilted	0	661	-	-	Ant 0	w/o RCV	-0.15	29.37	30		0.046	0.05	-	-
	GSM1900	GPRS10	Left Cheek	0	661	-	-	Ant 0	w/o RCV	0.16	29.37	30		0.093	0.11	-	-
	GSM1900	GPRS10	Left Tilted	0	661	-	-	Ant 0	w/o RCV	-0.19	29.37	30		0.069	0.08	-	-
	GSM1900	GPRS10	Right Cheek	0	512	-	-	Ant 0	w/o RCV	-0.14	29.26	30		0.141	0.17	-	-
3	GSM1900	GPRS10	Right Cheek	0	810	-	-	Ant 0	w/o RCV	-0.01	29.21	30		0.174	0.21	-	-
	GSM1900	GPRS10	Right Cheek	0	661	-	-	Ant 1	w/o RCV	-0.14	29.92	30		0.054	0.06	-	-
	GSM1900	GPRS10	Right Tilted	0	661	-	-	Ant 1	w/o RCV	-0.07	29.92	30		0.036	0.04	-	-
	GSM1900	GPRS10	Left Cheek	0	661	-	-	Ant 1	w/o RCV	-0.07	29.92	30		0.093	0.09	-	-
	GSM1900	GPRS10	Left Tilted	0	661	-	-	Ant 1	w/o RCV	-0.1	29.92	30		0.032	0.03	-	-
4	GSM1900	GPRS10	Left Cheek	0	512	-	-	Ant 1	w/o RCV	0.04	29.51	30		0.114	0.13	-	-
	GSM1900	GPRS10	Left Cheek	0	810	-	-	Ant 1	w/o RCV	-0.13	29.85	30		0.067	0.07	-	-
	GSM1900	GPRS12	Right Cheek	0	661	-	-	Ant 2	w/o RCV	0.13	29.91	30		0.181	0.18	-	-
	GSM1900	GPRS12	Right Tilted	0	661	-	-	Ant 2	w/o RCV	-0.07	29.91	30		0.114	0.12	-	-
	GSM1900	GPRS12	Left Cheek	0	661	-	-	Ant 2	w/o RCV	-0.05	29.91	30		0.251	0.26	-	-
	GSM1900	GPRS12	Left Tilted	0	661	-	-	Ant 2	w/o RCV	-0.03	29.91	30		0.078	0.08	-	-
	GSM1900	GPRS12	Left Cheek	0	512	-	-	Ant 2	w/o RCV	-0.16	29.89	30		0.21	0.22	-	-
5	GSM1900	GPRS12	Left Cheek	0	810	-	-	Ant 2	w/o RCV	0.12	29.81	30		0.277	0.29	-	-
	GSM1900	GPRS10	Right Cheek	0	661	-	-	Ant 3	w/o RCV	-0.02	29.85	30		0.222	0.23	-	-
	GSM1900	GPRS10	Right Tilted	0	661	-	-	Ant 3	w/o RCV	-0.1	29.85	30		0.049	0.05	-	-
	GSM1900	GPRS10	Left Cheek	0	661	-	-	Ant 3	w/o RCV	-0.17	29.85	30		0.109	0.11	-	-
	GSM1900	GPRS10	Left Tilted	0	661	-	-	Ant 3	w/o RCV	0	29.85	30		0.054	0.06	-	-
	GSM1900	GPRS10	Right Cheek	0	512	-	-	Ant 3	w/o RCV	0.16	29.11	30		0.098	0.12	-	-
	GSM1900	GPRS10	Right Cheek	0	810	-	-	Ant 3	w/o RCV	0	29.48	30		0.176	0.20	-	-

Index.	Band	Modulation	Test Position	Spacing (mm)	Channel	RB Size	RB Offset	Antenna	RCV	Power Drift	Meas. Conducted Power (dBm)	Tune-up (dBm)	Duty Cycle (%)	SAR _{1g} (W/kg)	Reported SAR _{1g} (W/kg)	APD W/m ² (4cm ²)	Reported APD W/m ² (4cm ²)
	WCDMA Band II	RMC12.2K	Right Cheek	0	9400	-	-	Ant 0	w/o RCV	0.01	23.2	23.5		0.158	0.17	-	-
	WCDMA Band II	RMC12.2K	Right Tilted	0	9400	-	-	Ant 0	w/o RCV	-0.09	23.2	23.5		0.04	0.04	-	-
	WCDMA Band II	RMC12.2K	Left Cheek	0	9400	-	-	Ant 0	w/o RCV	0.08	23.2	23.5		0.079	0.08	-	-
	WCDMA Band II	RMC12.2K	Left Tilted	0	9400	-	-	Ant 0	w/o RCV	0.1	23.2	23.5		0.061	0.07	-	-
7	WCDMA Band II	RMC12.2K	Right Cheek	0	9262	-	-	Ant 0	w/o RCV	-0.01	23.14	23.5		0.203	0.22	-	-
	WCDMA Band II	RMC12.2K	Right Cheek	0	9538	-	-	Ant 0	w/o RCV	-0.13	23.18	23.5		0.098	0.11	-	-
	WCDMA Band II	RMC12.2K	Right Cheek	0	9400	-	-	Ant 1	w/o RCV	0.09	23.65	24		0.036	0.04	-	-
	WCDMA Band II	RMC12.2K	Right Tilted	0	9400	-	-	Ant 1	w/o RCV	0.05	23.65	24		0.028	0.03	-	-
8	WCDMA Band II	RMC12.2K	Left Cheek	0	9400	-	-	Ant 1	w/o RCV	-0.04	23.65	24		0.072	0.08	-	-
	WCDMA Band II	RMC12.2K	Left Tilted	0	9400	-	-	Ant 1	w/o RCV	0.05	23.65	24		0.029	0.03	-	-
	WCDMA Band II	RMC12.2K	Left Cheek	0	9262	-	-	Ant 1	w/o RCV	-0.06	23.63	24		0.037	0.04	-	-
	WCDMA Band II	RMC12.2K	Left Cheek	0	9538	-	-	Ant 1	w/o RCV	-0.06	23.62	24		0.037	0.04	-	-
	WCDMA Band II	RMC12.2K	Right Cheek	0	9400	-	-	Ant 2	w/o RCV	0.11	23.18	23.5		0.201	0.22	-	-
	WCDMA Band II	RMC12.2K	Right Tilted	0	9400	-	-	Ant 2	w/o RCV	-0.05	23.18	23.5		0.173	0.19	-	-
	WCDMA Band II	RMC12.2K	Left Cheek	0	9400	-	-	Ant 2	w/o RCV	-0.19	23.18	23.5		0.218	0.23	-	-
	WCDMA Band II	RMC12.2K	Left Tilted	0	9400	-	-	Ant 2	w/o RCV	-0.08	23.18	23.5		0.099	0.11	-	-
9	WCDMA Band II	RMC12.2K	Left Cheek	0	9262	-	-	Ant 2	w/o RCV	0.02	23.05	23.5		0.279	0.31	-	-
	WCDMA Band II	RMC12.2K	Left Cheek	0	9538	-	-	Ant 2	w/o RCV	-0.07	23.11	23.5		0.203	0.22	-	-
10	WCDMA Band II	RMC12.2K	Right Cheek	0	9400	-	-	Ant 3	w/o RCV	0.11	23.68	24		0.126	0.14	-	-
	WCDMA Band II	RMC12.2K	Right Tilted	0	9400	-	-	Ant 3	w/o RCV	-0.12	23.68	24		0.034	0.04	-	-
	WCDMA Band II	RMC12.2K	Left Cheek	0	9400	-	-	Ant 3	w/o RCV	0	23.68	24		0.09	0.10	-	-
	WCDMA Band II	RMC12.2K	Left Tilted	0	9400	-	-	Ant 3	w/o RCV	-0.08	23.68	24		0.053	0.06	-	-
	WCDMA Band II	RMC12.2K	Right Cheek	0	9262	-	-	Ant 3	w/o RCV	-0.07	23.52	24		0.087	0.10	-	-
	WCDMA Band II	RMC12.2K	Right Cheek	0	9538	-	-	Ant 3	w/o RCV	-0.14	23.58	24		0.12	0.13	-	-
	WCDMA Band IV	RMC12.2K	Right Cheek	0	1413	-	-	Ant 0	w/o RCV	-0.07	23.3	23.5		0.227	0.24	-	-
	WCDMA Band IV	RMC12.2K	Right Tilted	0	1413	-	-	Ant 0	w/o RCV	-0.09	23.3	23.5		0.053	0.06	-	-
	WCDMA Band IV	RMC12.2K	Left Cheek	0	1413	-	-	Ant 0	w/o RCV	-0.02	23.3	23.5		0.118	0.12	-	-
	WCDMA Band IV	RMC12.2K	Left Tilted	0	1413	-	-	Ant 0	w/o RCV	0.07	23.3	23.5		0.075	0.08	-	-
	WCDMA Band IV	RMC12.2K	Right Cheek	0	1312	-	-	Ant 0	w/o RCV	0.05	23.16	23.5		0.18	0.19	-	-
11	WCDMA Band IV	RMC12.2K	Right Cheek	0	1513	-	-	Ant 0	w/o RCV	0.01	23.1	23.5		0.238	0.26	-	-
	WCDMA Band IV	RMC12.2K	Right Cheek	0	1413	-	-	Ant 1	w/o RCV	0.14	23.66	24		0.061	0.07	-	-
	WCDMA Band IV	RMC12.2K	Right Tilted	0	1413	-	-	Ant 1	w/o RCV	-0.18	23.66	24		0.031	0.03	-	-
	WCDMA Band IV	RMC12.2K	Left Cheek	0	1413	-	-	Ant 1	w/o RCV	0.18	23.66	24		0.09	0.10	-	-
	WCDMA Band IV	RMC12.2K	Left Tilted	0	1413	-	-	Ant 1	w/o RCV	-0.1	23.66	24		0.027	0.03	-	-
	WCDMA Band IV	RMC12.2K	Left Cheek	0	1312	-	-	Ant 1	w/o RCV	0.13	23.64	24		0.077	0.08	-	-
12	WCDMA Band IV	RMC12.2K	Left Cheek	0	1513	-	-	Ant 1	w/o RCV	0.15	23.57	24		0.097	0.11	-	-
	WCDMA Band IV	RMC12.2K	Right Cheek	0	1413	-	-	Ant 2	w/o RCV	-0.08	23.15	23.5		0.091	0.10	-	-
	WCDMA Band IV	RMC12.2K	Right Tilted	0	1413	-	-	Ant 2	w/o RCV	0.12	23.15	23.5		0.041	0.04	-	-
	WCDMA Band IV	RMC12.2K	Left Cheek	0	1413	-	-	Ant 2	w/o RCV	0.07	23.15	23.5		0.145	0.16	-	-
	WCDMA Band IV	RMC12.2K	Left Tilted	0	1413	-	-	Ant 2	w/o RCV	0	23.15	23.5		0.03	0.03	-	-
	WCDMA Band IV	RMC12.2K	Left Cheek	0	1312	-	-	Ant 2	w/o RCV	-0.05	23.03	23.5		0.18	0.20	-	-
13	WCDMA Band IV	RMC12.2K	Left Cheek	0	1513	-	-	Ant 2	w/o RCV	0.05	23.11	23.5		0.191	0.21	-	-
	WCDMA Band IV	RMC12.2K	Right Cheek	0	1413	-	-	Ant 3	w/o RCV	0.19	23.54	24		0.083	0.09	-	-
	WCDMA Band IV	RMC12.2K	Right Tilted	0	1413	-	-	Ant 3	w/o RCV	0.19	23.54	24		0.016	0.02	-	-
	WCDMA Band IV	RMC12.2K	Left Cheek	0	1413	-	-	Ant 3	w/o RCV	0.04	23.54	24		0.046	0.05	-	-
	WCDMA Band IV	RMC12.2K	Left Tilted	0	1413	-	-	Ant 3	w/o RCV	0.07	23.54	24		0.024	0.03	-	-
	WCDMA Band IV	RMC12.2K	Right Cheek	0	1312	-	-	Ant 3	w/o RCV	-0.12	23.41	24		0.067	0.08	-	-
14	WCDMA Band IV	RMC12.2K	Right Cheek	0	1513	-	-	Ant 3	w/o RCV	-0.13	23.31	24		0.097	0.11	-	-
15	WCDMA Band V	RMC12.2K	Right Cheek	0	4182	-	-	Ant 0	w/o RCV	-0.01	23.28	23.5		0.229	0.24	-	-
	WCDMA Band V	RMC12.2K	Right Tilted	0	4182	-	-	Ant 0	w/o RCV	-0.16	23.28	23.5		0.139	0.15	-	-
	WCDMA Band V	RMC12.2K	Left Cheek	0	4182	-	-	Ant 0	w/o RCV	0.13	23.28	23.5		0.211	0.22	-	-
	WCDMA Band V	RMC12.2K	Left Tilted	0	4182	-	-	Ant 0	w/o RCV	-0.19	23.28	23.5		0.118	0.12	-	-
	WCDMA Band V	RMC12.2K	Right Cheek	0	4132	-	-	Ant 0	w/o RCV	-0.11	23.15	23.5		0.221	0.24	-	-
	WCDMA Band V	RMC12.2K	Right Cheek	0	4233	-	-	Ant 0	w/o RCV	0.15	23.14	23.5		0.225	0.24	-	-
	WCDMA Band V	RMC12.2K	Right Cheek	0	4182	-	-	Ant 1	w/o RCV	-0.06	23.6	24		0.033	0.04	-	-
	WCDMA Band V	RMC12.2K	Right Tilted	0	4182	-	-	Ant 1	w/o RCV	-0.1	23.6	24		0.021	0.02	-	-
	WCDMA Band V	RMC12.2K	Left Cheek	0	4182	-	-	Ant 1	w/o RCV	-0.15	23.6	24		0.047	0.05	-	-
	WCDMA Band V	RMC12.2K	Left Tilted	0	4182	-	-	Ant 1	w/o RCV	0.13	23.6	24		0.032	0.04	-	-
16	WCDMA Band V	RMC12.2K	Left Cheek	0	4132	-	-	Ant 1	w/o RCV	-0.14	23.57	24		0.054	0.06	-	-
	WCDMA Band V	RMC12.2K	Left Cheek	0	4233	-	-	Ant 1	w/o RCV	0.09	23.54	24		0.04	0.04	-	-

Index.	Band	Modulation	Test Position	Spacing (mm)	Channel	RB Size	RB Offset	Antenna	RCV	Power Drift	Meas. Conducted Power (dBm)	Tune-up (dBm)	Duty Cycle (%)	SAR _{1g} (W/kg)	Reported SAR _{1g} (W/kg)	APD W/m ² (4cm ²)	Reported APD W/m ² (4cm ²)
25	LTE Band 5	QPSK10M	Right Cheek	0	20525	1	0	Ant 0	w/o RCV	-0.07	23.54	24		0.044	0.05	-	-
	LTE Band 5	QPSK10M	Right Tilted	0	20525	1	0	Ant 0	w/o RCV	0.07	23.54	24		0.026	0.03	-	-
	LTE Band 5	QPSK10M	Left Cheek	0	20525	1	0	Ant 0	w/o RCV	-0.02	23.54	24		0.037	0.04	-	-
	LTE Band 5	QPSK10M	Left Tilted	0	20525	1	0	Ant 0	w/o RCV	0.11	23.54	24		0.022	0.02	-	-
	LTE Band 5	QPSK10M	Right Cheek	0	20525	25	0	Ant 0	w/o RCV	-0.18	23.54	24		0.033	0.04	-	-
	LTE Band 5	QPSK10M	Right Tilted	0	20525	25	0	Ant 0	w/o RCV	-0.05	23.54	24		0.02	0.02	-	-
	LTE Band 5	QPSK10M	Left Cheek	0	20525	25	0	Ant 0	w/o RCV	0	23.54	24		0.028	0.03	-	-
	LTE Band 5	QPSK10M	Left Tilted	0	20525	25	0	Ant 0	w/o RCV	-0.14	23.54	24		0.017	0.02	-	-
	LTE Band 5	QPSK10M	Right Cheek	0	20450	1	0	Ant 0	w/o RCV	0.08	23.54	24		0.039	0.04	-	-
	LTE Band 5	QPSK10M	Right Cheek	0	20600	1	0	Ant 0	w/o RCV	-0.15	23.34	23.5		0.043	0.04	-	-
	LTE Band 5	QPSK10M	Right Cheek	0	20525	1	0	Ant 1	w/o RCV	-0.14	23.3	24		0.129	0.15	-	-
	LTE Band 5	QPSK10M	Right Tilted	0	20525	1	0	Ant 1	w/o RCV	-0.01	23.3	24		0.096	0.11	-	-
	LTE Band 5	QPSK10M	Left Cheek	0	20525	1	0	Ant 1	w/o RCV	-0.13	23.3	24		0.149	0.18	-	-
	LTE Band 5	QPSK10M	Left Tilted	0	20525	1	0	Ant 1	w/o RCV	0.18	23.3	24		0.106	0.12	-	-
	LTE Band 5	QPSK10M	Right Cheek	0	20525	25	0	Ant 1	w/o RCV	0.07	22.3	23		0.102	0.12	-	-
	LTE Band 5	QPSK10M	Right Tilted	0	20525	25	0	Ant 1	w/o RCV	-0.07	22.3	23		0.076	0.09	-	-
	LTE Band 5	QPSK10M	Left Cheek	0	20525	25	0	Ant 1	w/o RCV	0.18	22.3	23		0.118	0.14	-	-
	LTE Band 5	QPSK10M	Left Tilted	0	20525	25	0	Ant 1	w/o RCV	-0.13	22.3	23		0.084	0.10	-	-
	LTE Band 5	QPSK10M	Left Cheek	0	20450	1	0	Ant 1	w/o RCV	0.01	23	24		0.106	0.13	-	-
26	LTE Band 5	QPSK10M	Left Cheek	0	20600	1	0	Ant 1	w/o RCV	0.01	23.13	24		0.163	0.20	-	-
27	LTE Band 7	QPSK20M	Right Cheek	0	21100	1	0	Ant 0	w/o RCV	-0.13	23.29	24		0.087	0.10	-	-
	LTE Band 7	QPSK20M	Right Tilted	0	21100	1	0	Ant 0	w/o RCV	-0.09	23.29	24		0.014	0.02	-	-
	LTE Band 7	QPSK20M	Left Cheek	0	21100	1	0	Ant 0	w/o RCV	-0.07	23.29	24		0.015	0.02	-	-
	LTE Band 7	QPSK20M	Left Tilted	0	21100	1	0	Ant 0	w/o RCV	-0.05	23.29	24		0.026	0.03	-	-
	LTE Band 7	QPSK20M	Right Cheek	0	21100	50	0	Ant 0	w/o RCV	-0.19	22.61	23		0.077	0.08	-	-
	LTE Band 7	QPSK20M	Right Tilted	0	21100	50	0	Ant 0	w/o RCV	0.01	22.61	23		0.012	0.01	-	-
	LTE Band 7	QPSK20M	Left Cheek	0	21100	50	0	Ant 0	w/o RCV	0.06	22.61	23		0.013	0.01	-	-
	LTE Band 7	QPSK20M	Left Tilted	0	21100	50	0	Ant 0	w/o RCV	0.09	22.61	23		0.023	0.03	-	-
	LTE Band 7	QPSK20M	Right Cheek	0	20850	1	0	Ant 0	w/o RCV	0.06	23.24	24		0.066	0.08	-	-
	LTE Band 7	QPSK20M	Right Cheek	0	21350	1	0	Ant 0	w/o RCV	0.19	23.26	24		0.02	0.02	-	-
	LTE Band 7	QPSK20M	Right Cheek	0	21100	1	0	Ant 1	w/o RCV	-0.12	23.29	24		0.004	0.00	-	-
	LTE Band 7	QPSK20M	Right Tilted	0	21100	1	0	Ant 1	w/o RCV	0.07	23.29	24		0.003	0.00	-	-
28	LTE Band 7	QPSK20M	Left Cheek	0	21100	1	0	Ant 1	w/o RCV	0.03	23.29	24		0.033	0.04	-	-
	LTE Band 7	QPSK20M	Left Tilted	0	21100	1	0	Ant 1	w/o RCV	0.09	23.29	24		0.026	0.03	-	-
	LTE Band 7	QPSK20M	Right Cheek	0	21100	50	0	Ant 1	w/o RCV	-0.15	22.35	23		0.003	0.00	-	-
	LTE Band 7	QPSK20M	Right Tilted	0	21100	50	0	Ant 1	w/o RCV	0.15	22.35	23		0.002	0.00	-	-
	LTE Band 7	QPSK20M	Left Cheek	0	21100	50	0	Ant 1	w/o RCV	0.18	22.35	23		0.025	0.03	-	-
	LTE Band 7	QPSK20M	Left Tilted	0	21100	50	0	Ant 1	w/o RCV	0.15	22.35	23		0.020	0.02	-	-
	LTE Band 7	QPSK20M	Left Cheek	0	20850	1	0	Ant 1	w/o RCV	0.1	23.14	24		0.022	0.03	-	-
	LTE Band 7	QPSK20M	Left Cheek	0	21350	1	0	Ant 1	w/o RCV	-0.1	23.2	24		0.021	0.03	-	-
	LTE Band 7	QPSK20M	Right Cheek	0	21100	1	0	Ant 2	w/o RCV	0.11	23.29	24		0.037	0.04	-	-
	LTE Band 7	QPSK20M	Right Tilted	0	21100	1	0	Ant 2	w/o RCV	-0.08	23.29	24		0.021	0.02	-	-
29	LTE Band 7	QPSK20M	Left Cheek	0	21100	1	0	Ant 2	w/o RCV	0.07	23.29	24		0.112	0.13	-	-
	LTE Band 7	QPSK20M	Left Tilted	0	21100	1	0	Ant 2	w/o RCV	0	23.29	24		0.058	0.07	-	-
	LTE Band 7	QPSK20M	Right Cheek	0	21100	50	0	Ant 2	w/o RCV	-0.08	22.79	23		0.029	0.03	-	-
	LTE Band 7	QPSK20M	Right Tilted	0	21100	50	0	Ant 2	w/o RCV	0.13	22.79	23		0.016	0.02	-	-
	LTE Band 7	QPSK20M	Left Cheek	0	21100	50	0	Ant 2	w/o RCV	0.02	22.79	23		0.087	0.09	-	-
	LTE Band 7	QPSK20M	Left Tilted	0	21100	50	0	Ant 2	w/o RCV	-0.03	22.79	23		0.045	0.05	-	-
	LTE Band 7	QPSK20M	Left Cheek	0	20850	1	0	Ant 2	w/o RCV	0.07	23.18	24		0.074	0.09	-	-
	LTE Band 7	QPSK20M	Left Cheek	0	21350	1	0	Ant 2	w/o RCV	0.15	22.95	24		0.058	0.07	-	-
30	LTE Band 7	QPSK20M	Right Cheek	0	21100	1	0	Ant 3	w/o RCV	0.03	23.45	24		0.479	0.54	-	-
	LTE Band 7	QPSK20M	Right Tilted	0	21100	1	0	Ant 3	w/o RCV	-0.19	23.45	24		0.094	0.11	-	-
	LTE Band 7	QPSK20M	Left Cheek	0	21100	1	0	Ant 3	w/o RCV	-0.05	23.45	24		0.289	0.33	-	-
	LTE Band 7	QPSK20M	Left Tilted	0	21100	1	0	Ant 3	w/o RCV	0.09	23.45	24		0.149	0.17	-	-
	LTE Band 7	QPSK20M	Right Cheek	0	21100	50	0	Ant 3	w/o RCV	-0.03	22.78	23		0.364	0.38	-	-
	LTE Band 7	QPSK20M	Right Tilted	0	21100	50	0	Ant 3	w/o RCV	-0.07	22.78	23		0.072	0.08	-	-
	LTE Band 7	QPSK20M	Left Cheek	0	21100	50	0	Ant 3	w/o RCV	0.11	22.78	23		0.219	0.23	-	-
	LTE Band 7	QPSK20M	Left Tilted	0	21100	50	0	Ant 3	w/o RCV	-0.09	22.78	23		0.113	0.12	-	-
	LTE Band 7	QPSK20M	Right Cheek	0	20850	1	0	Ant 3	w/o RCV	0.15	23.26	24		0.434	0.51	-	-
	LTE Band 7	QPSK20M	Right Cheek	0	21350	1	0	Ant 3	w/o RCV	-0.12	23.31	24		0.429	0.50	-	-
	CA_7C	PCC:QPSK20M SCC:QPSK20M	Right Cheek	0	PCC:21001 SCC:21199	PCC:1 SCC:1	PCC:99 SCC:0	Ant 3	w/o RCV	0.13	23.36	24		0.456	0.53	-	-

Index.	Band	Modulation	Test Position	Spacing (mm)	Channel	RB Size	RB Offset	Antenna	RCV	Power Drift	Meas. Conducted Power (dBm)	Tune-up (dBm)	Duty Cycle (%)	SAR _{1g} (W/kg)	Reported SAR _{1g} (W/kg)	APD W/m ² (4cm ²)	Reported APD W/m ² (4cm ²)
	LTE Band 12	QPSK10M	Right Cheek	0	23095	1	0	Ant 0	w/o RCV	-0.17	23.28	24		0.065	0.08	-	-
	LTE Band 12	QPSK10M	Right Tilted	0	23095	1	0	Ant 0	w/o RCV	0.05	23.28	24		0.037	0.04	-	-
	LTE Band 12	QPSK10M	Left Cheek	0	23095	1	0	Ant 0	w/o RCV	-0.1	23.28	24		0.062	0.07	-	-
	LTE Band 12	QPSK10M	Left Tilted	0	23095	1	0	Ant 0	w/o RCV	0.13	23.28	24		0.035	0.04	-	-
	LTE Band 12	QPSK10M	Right Cheek	0	23095	25	0	Ant 0	w/o RCV	-0.1	22.99	23		0.051	0.05	-	-
	LTE Band 12	QPSK10M	Right Tilted	0	23095	25	0	Ant 0	w/o RCV	-0.03	22.99	23		0.028	0.03	-	-
	LTE Band 12	QPSK10M	Left Cheek	0	23095	25	0	Ant 0	w/o RCV	0.1	22.99	23		0.045	0.05	-	-
	LTE Band 12	QPSK10M	Left Tilted	0	23095	25	0	Ant 0	w/o RCV	0.14	22.99	23		0.026	0.03	-	-
31	LTE Band 12	QPSK10M	Right Cheek	0	23060	1	0	Ant 0	w/o RCV	-0.02	23.25	24		0.065	0.08	-	-
	LTE Band 12	QPSK10M	Right Cheek	0	23130	1	0	Ant 0	w/o RCV	0.01	23.23	24		0.058	0.07	-	-
	LTE Band 12	QPSK10M	Right Cheek	0	23095	1	0	Ant 1	w/o RCV	0.15	23.38	24		0.107	0.12	-	-
	LTE Band 12	QPSK10M	Right Tilted	0	23095	1	0	Ant 1	w/o RCV	-0.01	23.38	24		0.061	0.07	-	-
	LTE Band 12	QPSK10M	Left Cheek	0	23095	1	0	Ant 1	w/o RCV	-0.08	23.38	24		0.132	0.15	-	-
	LTE Band 12	QPSK10M	Left Tilted	0	23095	1	0	Ant 1	w/o RCV	-0.08	23.38	24		0.064	0.07	-	-
	LTE Band 12	QPSK10M	Right Cheek	0	23095	25	0	Ant 1	w/o RCV	-0.03	22.81	23		0.091	0.10	-	-
	LTE Band 12	QPSK10M	Right Tilted	0	23095	25	0	Ant 1	w/o RCV	-0.16	22.81	23		0.051	0.05	-	-
	LTE Band 12	QPSK10M	Left Cheek	0	23095	25	0	Ant 1	w/o RCV	0.13	22.81	23		0.112	0.12	-	-
	LTE Band 12	QPSK10M	Left Tilted	0	23095	25	0	Ant 1	w/o RCV	0.15	22.81	23		0.054	0.06	-	-
32	LTE Band 12	QPSK10M	Left Cheek	0	23060	1	0	Ant 1	w/o RCV	-0.11	23.23	24		0.158	0.19	-	-
	LTE Band 12	QPSK10M	Left Cheek	0	23130	1	0	Ant 1	w/o RCV	0.18	23.21	24		0.107	0.13	-	-
33	LTE Band 13	QPSK10M	Right Cheek	0	23230	1	0	Ant 0	w/o RCV	0.01	23.33	24		0.123	0.14	-	-
	LTE Band 13	QPSK10M	Right Tilted	0	23230	1	0	Ant 0	w/o RCV	-0.11	23.33	24		0.09	0.11	-	-
	LTE Band 13	QPSK10M	Left Cheek	0	23230	1	0	Ant 0	w/o RCV	0.06	23.33	24		0.078	0.09	-	-
	LTE Band 13	QPSK10M	Left Tilted	0	23230	1	0	Ant 0	w/o RCV	-0.12	23.33	24		0.051	0.06	-	-
	LTE Band 13	QPSK10M	Right Cheek	0	23230	25	0	Ant 0	w/o RCV	0	22.71	23		0.097	0.10	-	-
	LTE Band 13	QPSK10M	Right Tilted	0	23230	25	0	Ant 0	w/o RCV	-0.02	22.71	23		0.071	0.08	-	-
	LTE Band 13	QPSK10M	Left Cheek	0	23230	25	0	Ant 0	w/o RCV	0.12	22.71	23		0.061	0.07	-	-
	LTE Band 13	QPSK10M	Left Tilted	0	23230	25	0	Ant 0	w/o RCV	-0.09	22.71	23		0.04	0.04	-	-
	LTE Band 13	QPSK10M	Right Cheek	0	23230	1	0	Ant 1	w/o RCV	0.05	23.37	24		0.086	0.10	-	-
	LTE Band 13	QPSK10M	Right Tilted	0	23230	1	0	Ant 1	w/o RCV	-0.18	23.37	24		0.037	0.04	-	-
34	LTE Band 13	QPSK10M	Left Cheek	0	23230	1	0	Ant 1	w/o RCV	-0.03	23.37	24		0.119	0.14	-	-
	LTE Band 13	QPSK10M	Left Tilted	0	23230	1	0	Ant 1	w/o RCV	-0.13	23.37	24		0.066	0.08	-	-
	LTE Band 13	QPSK10M	Right Cheek	0	23230	25	0	Ant 1	w/o RCV	0.02	22.96	23		0.068	0.07	-	-
	LTE Band 13	QPSK10M	Right Tilted	0	23230	25	0	Ant 1	w/o RCV	0.13	22.96	23		0.029	0.03	-	-
	LTE Band 13	QPSK10M	Left Cheek	0	23230	25	0	Ant 1	w/o RCV	-0.01	22.96	23		0.094	0.09	-	-
	LTE Band 13	QPSK10M	Left Tilted	0	23230	25	0	Ant 1	w/o RCV	-0.19	22.96	23		0.052	0.05	-	-
35	LTE Band 14	QPSK10M	Right Cheek	0	23330	1	0	Ant 0	w/o RCV	-0.02	23.29	24		0.148	0.17	-	-
	LTE Band 14	QPSK10M	Right Tilted	0	23330	1	0	Ant 0	w/o RCV	-0.17	23.29	24		0.097	0.11	-	-
	LTE Band 14	QPSK10M	Left Cheek	0	23330	1	0	Ant 0	w/o RCV	0.04	23.29	24		0.119	0.14	-	-
	LTE Band 14	QPSK10M	Left Tilted	0	23330	1	0	Ant 0	w/o RCV	-0.01	23.29	24		0.077	0.09	-	-
	LTE Band 14	QPSK10M	Right Cheek	0	23330	25	0	Ant 0	w/o RCV	-0.12	22.99	23		0.119	0.12	-	-
	LTE Band 14	QPSK10M	Right Tilted	0	23330	25	0	Ant 0	w/o RCV	0.04	22.99	23		0.079	0.08	-	-
	LTE Band 14	QPSK10M	Left Cheek	0	23330	25	0	Ant 0	w/o RCV	0.15	22.99	23		0.096	0.10	-	-
	LTE Band 14	QPSK10M	Left Tilted	0	23330	25	0	Ant 0	w/o RCV	0.01	22.99	23		0.062	0.06	-	-
	LTE Band 14	QPSK10M	Right Cheek	0	23330	1	0	Ant 1	w/o RCV	-0.17	23.38	24		0.083	0.10	-	-
	LTE Band 14	QPSK10M	Right Tilted	0	23330	1	0	Ant 1	w/o RCV	0.07	23.38	24		0.049	0.06	-	-
36	LTE Band 14	QPSK10M	Left Cheek	0	23330	1	0	Ant 1	w/o RCV	-0.03	23.38	24		0.107	0.12	-	-
	LTE Band 14	QPSK10M	Left Tilted	0	23330	1	0	Ant 1	w/o RCV	0.16	23.38	24		0.068	0.08	-	-
	LTE Band 14	QPSK10M	Right Cheek	0	23330	25	0	Ant 1	w/o RCV	0.02	22.85	23		0.068	0.07	-	-
	LTE Band 14	QPSK10M	Right Tilted	0	23330	25	0	Ant 1	w/o RCV	-0.09	22.85	23		0.04	0.04	-	-
	LTE Band 14	QPSK10M	Left Cheek	0	23330	25	0	Ant 1	w/o RCV	-0.04	22.85	23		0.087	0.09	-	-
	LTE Band 14	QPSK10M	Left Tilted	0	23330	25	0	Ant 1	w/o RCV	-0.19	22.85	23		0.056	0.06	-	-

Index.	Band	Modulation	Test Position	Spacing (mm)	Channel	RB Size	RB Offset	Antenna	RCV	Power Drift	Meas. Conducted Power (dBm)	Tune-up (dBm)	Duty Cycle (%)	SAR _{1g} (W/kg)	Reported SAR _{1g} (W/kg)	APD W/m ² (4cm ²)	Reported APD W/m ² (4cm ²)
	LTE Band 25	QPSK20M	Right Cheek	0	26140	1	0	Ant 0	w/o RCV	0.16	23.37	23.5		0.309	0.32	-	-
	LTE Band 25	QPSK20M	Right Tilted	0	26140	1	0	Ant 0	w/o RCV	-0.08	23.37	23.5		0.087	0.09	-	-
	LTE Band 25	QPSK20M	Left Cheek	0	26140	1	0	Ant 0	w/o RCV	-0.17	23.37	23.5		0.169	0.17	-	-
	LTE Band 25	QPSK20M	Left Tilted	0	26140	1	0	Ant 0	w/o RCV	-0.07	23.37	23.5		0.096	0.10	-	-
	LTE Band 25	QPSK20M	Right Cheek	0	26140	50	0	Ant 0	w/o RCV	-0.02	22.2	22.5		0.254	0.27	-	-
	LTE Band 25	QPSK20M	Right Tilted	0	26140	50	0	Ant 0	w/o RCV	0.1	22.2	22.5		0.071	0.08	-	-
	LTE Band 25	QPSK20M	Left Cheek	0	26140	50	0	Ant 0	w/o RCV	-0.06	22.2	22.5		0.139	0.15	-	-
	LTE Band 25	QPSK20M	Left Tilted	0	26140	50	0	Ant 0	w/o RCV	-0.08	22.2	22.5		0.079	0.08	-	-
37	LTE Band 25	QPSK20M	Right Cheek	0	26365	1	0	Ant 0	w/o RCV	0.12	23.26	23.5		0.33	0.35	-	-
	LTE Band 25	QPSK20M	Right Cheek	0	26590	1	0	Ant 0	w/o RCV	-0.02	23.29	23.5		0.311	0.33	-	-
	LTE Band 25	QPSK20M	Right Cheek	0	26140	1	0	Ant 1	w/o RCV	-0.07	23.38	24		0.054	0.06	-	-
	LTE Band 25	QPSK20M	Right Tilted	0	26140	1	0	Ant 1	w/o RCV	-0.13	23.38	24		0.024	0.03	-	-
38	LTE Band 25	QPSK20M	Left Cheek	0	26140	1	0	Ant 1	w/o RCV	-0.02	23.38	24		0.193	0.22	-	-
	LTE Band 25	QPSK20M	Left Tilted	0	26140	1	0	Ant 1	w/o RCV	0.06	23.38	24		0.052	0.06	-	-
	LTE Band 25	QPSK20M	Right Cheek	0	26140	50	0	Ant 1	w/o RCV	-0.1	22.96	23		0.042	0.04	-	-
	LTE Band 25	QPSK20M	Right Tilted	0	26140	50	0	Ant 1	w/o RCV	-0.04	22.96	23		0.019	0.02	-	-
	LTE Band 25	QPSK20M	Left Cheek	0	26140	50	0	Ant 1	w/o RCV	0.19	22.96	23		0.152	0.15	-	-
	LTE Band 25	QPSK20M	Left Tilted	0	26140	50	0	Ant 1	w/o RCV	0.19	22.96	23		0.041	0.04	-	-
	LTE Band 25	QPSK20M	Left Cheek	0	26365	1	0	Ant 1	w/o RCV	-0.09	23.32	24		0.177	0.21	-	-
	LTE Band 25	QPSK20M	Left Cheek	0	26590	1	0	Ant 1	w/o RCV	-0.14	23.22	24		0.188	0.22	-	-
	LTE Band 25	QPSK20M	Right Cheek	0	26140	1	0	Ant 2	w/o RCV	0.01	22.87	23.5		0.266	0.31	-	-
	LTE Band 25	QPSK20M	Right Tilted	0	26140	1	0	Ant 2	w/o RCV	0.11	22.87	23.5		0.189	0.22	-	-
39	LTE Band 25	QPSK20M	Left Cheek	0	26140	1	0	Ant 2	w/o RCV	-0.14	22.87	23.5		0.483	0.56	-	-
	LTE Band 25	QPSK20M	Left Tilted	0	26140	1	0	Ant 2	w/o RCV	-0.19	22.87	23.5		0.108	0.12	-	-
	LTE Band 25	QPSK20M	Right Cheek	0	26140	50	0	Ant 2	w/o RCV	0.17	21.72	22.5		0.221	0.26	-	-
	LTE Band 25	QPSK20M	Right Tilted	0	26140	50	0	Ant 2	w/o RCV	-0.13	21.72	22.5		0.156	0.19	-	-
	LTE Band 25	QPSK20M	Left Cheek	0	26140	50	0	Ant 2	w/o RCV	-0.16	21.72	22.5		0.4	0.48	-	-
	LTE Band 25	QPSK20M	Left Tilted	0	26140	50	0	Ant 2	w/o RCV	0	21.72	22.5		0.089	0.11	-	-
	LTE Band 25	QPSK20M	Left Cheek	0	26365	1	0	Ant 2	w/o RCV	0.12	22.83	23.5		0.475	0.55	-	-
	LTE Band 25	QPSK20M	Left Cheek	0	26590	1	0	Ant 2	w/o RCV	0.04	22.79	23.5		0.443	0.52	-	-
40	LTE Band 25	QPSK20M	Right Cheek	0	26140	1	0	Ant 3	w/o RCV	-0.08	23.3	24		0.112	0.13	-	-
	LTE Band 25	QPSK20M	Right Tilted	0	26140	1	0	Ant 3	w/o RCV	0.02	23.3	24		0.029	0.03	-	-
	LTE Band 25	QPSK20M	Left Cheek	0	26140	1	0	Ant 3	w/o RCV	0.04	23.3	24		0.067	0.08	-	-
	LTE Band 25	QPSK20M	Left Tilted	0	26140	1	0	Ant 3	w/o RCV	0.1	23.3	24		0.031	0.04	-	-
	LTE Band 25	QPSK20M	Right Cheek	0	26140	50	0	Ant 3	w/o RCV	0.06	22.78	23		0.088	0.09	-	-
	LTE Band 25	QPSK20M	Right Tilted	0	26140	50	0	Ant 3	w/o RCV	-0.18	22.78	23		0.023	0.02	-	-
	LTE Band 25	QPSK20M	Left Cheek	0	26140	50	0	Ant 3	w/o RCV	-0.02	22.78	23		0.053	0.06	-	-
	LTE Band 25	QPSK20M	Left Tilted	0	26140	50	0	Ant 3	w/o RCV	0.02	22.78	23		0.024	0.03	-	-
	LTE Band 25	QPSK20M	Right Cheek	0	26365	1	0	Ant 3	w/o RCV	0.07	23.21	24		0.102	0.12	-	-
	LTE Band 25	QPSK20M	Right Cheek	0	26590	1	0	Ant 3	w/o RCV	0.17	23.16	24		0.045	0.05	-	-
41	LTE Band 26	QPSK15M	Right Cheek	0	26865	1	0	Ant 0	w/o RCV	-0.01	23.36	23.5		0.205	0.21	-	-
	LTE Band 26	QPSK15M	Right Tilted	0	26865	1	0	Ant 0	w/o RCV	-0.02	23.36	23.5		0.132	0.14	-	-
	LTE Band 26	QPSK15M	Left Cheek	0	26865	1	0	Ant 0	w/o RCV	-0.06	23.36	23.5		0.179	0.18	-	-
	LTE Band 26	QPSK15M	Left Tilted	0	26865	1	0	Ant 0	w/o RCV	-0.15	23.36	23.5		0.129	0.13	-	-
	LTE Band 26	QPSK15M	Right Cheek	0	26865	36	0	Ant 0	w/o RCV	-0.04	22.2	22.5		0.161	0.17	-	-
	LTE Band 26	QPSK15M	Right Tilted	0	26865	36	0	Ant 0	w/o RCV	0.08	22.2	22.5		0.104	0.11	-	-
	LTE Band 26	QPSK15M	Left Cheek	0	26865	36	0	Ant 0	w/o RCV	-0.09	22.2	22.5		0.141	0.15	-	-
	LTE Band 26	QPSK15M	Left Tilted	0	26865	36	0	Ant 0	w/o RCV	-0.19	22.2	22.5		0.102	0.11	-	-
	LTE Band 26	QPSK15M	Right Cheek	0	26765	1	0	Ant 0	w/o RCV	-0.03	23.33	23.5		0.185	0.19	-	-
	LTE Band 26	QPSK15M	Right Cheek	0	26965	1	0	Ant 0	w/o RCV	0.12	23.29	23.5		0.187	0.20	-	-
	LTE Band 26	QPSK15M	Right Cheek	0	26865	1	0	Ant 1	w/o RCV	-0.14	23.36	24		0.047	0.05	-	-
	LTE Band 26	QPSK15M	Right Tilted	0	26865	1	0	Ant 1	w/o RCV	-0.03	23.36	24		0.035	0.04	-	-
42	LTE Band 26	QPSK15M	Left Cheek	0	26865	1	0	Ant 1	w/o RCV	0.07	23.36	24		0.059	0.07	-	-
	LTE Band 26	QPSK15M	Left Tilted	0	26865	1	0	Ant 1	w/o RCV	-0.06	23.36	24		0.036	0.04	-	-
	LTE Band 26	QPSK15M	Right Cheek	0	26865	36	0	Ant 1	w/o RCV	-0.11	22.99	23		0.037	0.04	-	-
	LTE Band 26	QPSK15M	Right Tilted	0	26865	36	0	Ant 1	w/o RCV	-0.13	22.99	23		0.027	0.03	-	-
	LTE Band 26	QPSK15M	Left Cheek	0	26865	36	0	Ant 1	w/o RCV	0.13	22.99	23		0.046	0.05	-	-
	LTE Band 26	QPSK15M	Left Tilted	0	26865	36	0	Ant 1	w/o RCV	-0.03	22.99	23		0.028	0.03	-	-
	LTE Band 26	QPSK15M	Left Cheek	0	26765	1	0	Ant 1	w/o RCV	-0.04	23.29	24		0.057	0.07	-	-
	LTE Band 26	QPSK15M	Left Cheek	0	26965	1	0	Ant 1	w/o RCV	0.13	23.31	24		0.055	0.06	-	-

Index.	Band	Modulation	Test Position	Spacing (mm)	Channel	RB Size	RB Offset	Antenna	RCV	Power Drift	Meas. Conducted Power (dBm)	Tune-up (dBm)	Duty Cycle (%)	SAR _{1g} (W/kg)	Reported SAR _{1g} (W/kg)	APD W/m ² (4cm ²)	Reported APD W/m ² (4cm ²)
43	LTE Band 30	QPSK10M	Right Cheek	0	27710	1	0	Ant 0	w/o RCV	0.11	23.38	23.5		0.036	0.04	-	-
	LTE Band 30	QPSK10M	Right Tilted	0	27710	1	0	Ant 0	w/o RCV	-0.08	23.38	23.5		0.012	0.01	-	-
	LTE Band 30	QPSK10M	Left Cheek	0	27710	1	0	Ant 0	w/o RCV	0.14	23.38	23.5		0.018	0.02	-	-
	LTE Band 30	QPSK10M	Left Tilted	0	27710	1	0	Ant 0	w/o RCV	-0.17	23.38	23.5		0.012	0.01	-	-
	LTE Band 30	QPSK10M	Right Cheek	0	27710	25	0	Ant 0	w/o RCV	-0.16	22.2	22.5		0.028	0.03	-	-
	LTE Band 30	QPSK10M	Right Tilted	0	27710	25	0	Ant 0	w/o RCV	-0.11	22.2	22.5		0.011	0.01	-	-
	LTE Band 30	QPSK10M	Left Cheek	0	27710	25	0	Ant 0	w/o RCV	-0.15	22.2	22.5		0.014	0.02	-	-
	LTE Band 30	QPSK10M	Left Tilted	0	27710	25	0	Ant 0	w/o RCV	-0.18	22.2	22.5		0.01	0.01	-	-
	LTE Band 30	QPSK10M	Right Cheek	0	27710	1	0	Ant 1	w/o RCV	-0.05	23.36	23.5		0.024	0.02	-	-
	LTE Band 30	QPSK10M	Right Tilted	0	27710	1	0	Ant 1	w/o RCV	-0.09	23.36	23.5		0.009	0.01	-	-
44	LTE Band 30	QPSK10M	Left Cheek	0	27710	1	0	Ant 1	w/o RCV	0.11	23.36	23.5		0.03	0.03	-	-
	LTE Band 30	QPSK10M	Left Tilted	0	27710	1	0	Ant 1	w/o RCV	0.17	23.36	23.5		0.015	0.02	-	-
	LTE Band 30	QPSK10M	Right Cheek	0	27710	25	0	Ant 1	w/o RCV	0	22.21	22.5		0.019	0.02	-	-
	LTE Band 30	QPSK10M	Right Tilted	0	27710	25	0	Ant 1	w/o RCV	0.01	22.21	22.5		0.008	0.01	-	-
	LTE Band 30	QPSK10M	Left Cheek	0	27710	25	0	Ant 1	w/o RCV	0.03	22.21	22.5		0.024	0.03	-	-
	LTE Band 30	QPSK10M	Left Tilted	0	27710	25	0	Ant 1	w/o RCV	-0.17	22.21	22.5		0.012	0.01	-	-
	LTE Band 30	QPSK10M	Right Cheek	0	27710	1	0	Ant 2	w/o RCV	0.04	23.12	24		0.076	0.09	-	-
	LTE Band 30	QPSK10M	Right Tilted	0	27710	1	0	Ant 2	w/o RCV	0.04	23.12	24		0.046	0.06	-	-
45	LTE Band 30	QPSK10M	Left Cheek	0	27710	1	0	Ant 2	w/o RCV	-0.01	23.12	24		0.2	0.24	-	-
	LTE Band 30	QPSK10M	Left Tilted	0	27710	1	0	Ant 2	w/o RCV	0.03	23.12	24		0.107	0.13	-	-
	LTE Band 30	QPSK10M	Right Cheek	0	27710	25	0	Ant 2	w/o RCV	-0.02	22.65	23		0.062	0.07	-	-
	LTE Band 30	QPSK10M	Right Tilted	0	27710	25	0	Ant 2	w/o RCV	-0.04	22.65	23		0.037	0.04	-	-
	LTE Band 30	QPSK10M	Left Cheek	0	27710	25	0	Ant 2	w/o RCV	-0.04	22.65	23		0.162	0.18	-	-
	LTE Band 30	QPSK10M	Left Tilted	0	27710	25	0	Ant 2	w/o RCV	0.02	22.65	23		0.087	0.09	-	-
46	LTE Band 30	QPSK10M	Right Cheek	0	27710	1	0	Ant 3	w/o RCV	-0.01	22.87	23.5		0.151	0.17	-	-
	LTE Band 30	QPSK10M	Right Tilted	0	27710	1	0	Ant 3	w/o RCV	0.05	22.87	23.5		0.054	0.06	-	-
	LTE Band 30	QPSK10M	Left Cheek	0	27710	1	0	Ant 3	w/o RCV	0.09	22.87	23.5		0.042	0.05	-	-
	LTE Band 30	QPSK10M	Left Tilted	0	27710	1	0	Ant 3	w/o RCV	-0.17	22.87	23.5		0.024	0.03	-	-
	LTE Band 30	QPSK10M	Right Cheek	0	27710	25	0	Ant 3	w/o RCV	-0.17	22.42	22.5		0.123	0.13	-	-
	LTE Band 30	QPSK10M	Right Tilted	0	27710	25	0	Ant 3	w/o RCV	0.16	22.42	22.5		0.044	0.04	-	-
	LTE Band 30	QPSK10M	Left Cheek	0	27710	25	0	Ant 3	w/o RCV	0	22.42	22.5		0.034	0.03	-	-
	LTE Band 30	QPSK10M	Left Tilted	0	27710	25	0	Ant 3	w/o RCV	0.19	22.42	22.5		0.019	0.02	-	-

Index.	Band	Modulation	Test Position	Spacing (mm)	Channel	RB Size	RB Offset	Antenna	RCV	Power Drift	Meas. Conducted Power (dBm)	Tune-up (dBm)	Duty Cycle (%)	SAR _{1g} (W/kg)	Reported SAR _{1g} (W/kg)	APD W/m ² (4cm ²)	Reported APD W/m ² (4cm ²)
47	LTE Band 38	QPSK20M	Right Cheek	0	38000	1	0	Ant 0	w/o RCV	0.03	23.28	24	63.30	0.069	0.08	-	-
	LTE Band 38	QPSK20M	Right Tilted	0	38000	1	0	Ant 0	w/o RCV	0.1	23.28	24	63.30	0.019	0.02	-	-
	LTE Band 38	QPSK20M	Left Cheek	0	38000	1	0	Ant 0	w/o RCV	0.16	23.28	24	63.30	0.015	0.02	-	-
	LTE Band 38	QPSK20M	Left Tilted	0	38000	1	0	Ant 0	w/o RCV	0.19	23.28	24	63.30	0.008	0.01	-	-
	LTE Band 38	QPSK20M	Right Cheek	0	38000	50	0	Ant 0	w/o RCV	0.02	22.49	23	63.30	0.048	0.05	-	-
	LTE Band 38	QPSK20M	Right Tilted	0	38000	50	0	Ant 0	w/o RCV	-0.03	22.49	23	63.30	0.015	0.02	-	-
	LTE Band 38	QPSK20M	Left Cheek	0	38000	50	0	Ant 0	w/o RCV	0.16	22.49	23	63.30	0.012	0.01	-	-
	LTE Band 38	QPSK20M	Left Tilted	0	38000	50	0	Ant 0	w/o RCV	0.02	22.49	23	63.30	0.006	0.01	-	-
	LTE Band 38	QPSK20M	Right Cheek	0	37850	1	0	Ant 0	w/o RCV	0.03	23.24	24	63.30	0.061	0.07	-	-
	LTE Band 38	QPSK20M	Right Cheek	0	38150	1	0	Ant 0	w/o RCV	-0.13	23.25	24	63.30	0.053	0.06	-	-
	LTE Band 38	QPSK20M	Right Cheek	0	38000	1	0	Ant 1	w/o RCV	0.07	23.12	24	63.30	0.005	0.01	-	-
	LTE Band 38	QPSK20M	Right Tilted	0	38000	1	0	Ant 1	w/o RCV	0.1	23.12	24	63.30	0.003	0.00	-	-
48	LTE Band 38	QPSK20M	Left Cheek	0	38000	1	0	Ant 1	w/o RCV	0.15	23.12	24	63.30	0.020	0.02	-	-
	LTE Band 38	QPSK20M	Left Tilted	0	38000	1	0	Ant 1	w/o RCV	-0.14	23.12	24	63.30	0.005	0.01	-	-
	LTE Band 38	QPSK20M	Right Cheek	0	38000	50	0	Ant 1	w/o RCV	0.02	23	23	63.30	0.004	0.00	-	-
	LTE Band 38	QPSK20M	Right Tilted	0	38000	50	0	Ant 1	w/o RCV	0.08	23	23	63.30	0.002	0.00	-	-
	LTE Band 38	QPSK20M	Left Cheek	0	38000	50	0	Ant 1	w/o RCV	0.18	23	23	63.30	0.015	0.02	-	-
	LTE Band 38	QPSK20M	Left Tilted	0	38000	50	0	Ant 1	w/o RCV	-0.15	23	23	63.30	0.004	0.00	-	-
	LTE Band 38	QPSK20M	Left Cheek	0	37850	1	0	Ant 1	w/o RCV	0.1	23.02	24	63.30	0.006	0.01	-	-
	LTE Band 38	QPSK20M	Left Cheek	0	38150	1	0	Ant 1	w/o RCV	0.1	23.05	24	63.30	0.003	0.00	-	-
	LTE Band 38	QPSK20M	Right Cheek	0	38000	1	0	Ant 2	w/o RCV	0.08	23.21	24	63.30	0.037	0.04	-	-
	LTE Band 38	QPSK20M	Right Tilted	0	38000	1	0	Ant 2	w/o RCV	-0.12	23.21	24	63.30	0.016	0.02	-	-
49	LTE Band 38	QPSK20M	Left Cheek	0	38000	1	0	Ant 2	w/o RCV	0.08	23.21	24	63.30	0.103	0.12	-	-
	LTE Band 38	QPSK20M	Left Tilted	0	38000	1	0	Ant 2	w/o RCV	0.17	23.21	24	63.30	0.017	0.02	-	-
	LTE Band 38	QPSK20M	Right Cheek	0	38000	50	0	Ant 2	w/o RCV	0.1	22.8	23	63.30	0.028	0.03	-	-
	LTE Band 38	QPSK20M	Right Tilted	0	38000	50	0	Ant 2	w/o RCV	-0.1	22.8	23	63.30	0.012	0.01	-	-
	LTE Band 38	QPSK20M	Left Cheek	0	38000	50	0	Ant 2	w/o RCV	-0.01	22.8	23	63.30	0.077	0.08	-	-
	LTE Band 38	QPSK20M	Left Tilted	0	38000	50	0	Ant 2	w/o RCV	-0.13	22.8	23	63.30	0.013	0.01	-	-
	LTE Band 38	QPSK20M	Left Cheek	0	37850	1	0	Ant 2	w/o RCV	-0.06	23.15	24	63.30	0.101	0.12	-	-
	LTE Band 38	QPSK20M	Left Cheek	0	38150	1	0	Ant 2	w/o RCV	0.15	23.06	24	63.30	0.098	0.12	-	-
	LTE Band 38	QPSK20M	Right Cheek	0	38000	1	0	Ant 3	w/o RCV	0.19	23.8	24	63.30	0.517	0.54	-	-
	LTE Band 38	QPSK20M	Right Tilted	0	38000	1	0	Ant 3	w/o RCV	0.16	23.8	24	63.30	0.083	0.09	-	-
	LTE Band 38	QPSK20M	Left Cheek	0	38000	1	0	Ant 3	w/o RCV	0.03	23.8	24	63.30	0.471	0.49	-	-
	LTE Band 38	QPSK20M	Left Tilted	0	38000	1	0	Ant 3	w/o RCV	0.11	23.8	24	63.30	0.083	0.09	-	-
	LTE Band 38	QPSK20M	Right Cheek	0	38000	50	0	Ant 3	w/o RCV	-0.12	22.78	23	63.30	0.142	0.15	-	-
	LTE Band 38	QPSK20M	Right Tilted	0	38000	50	0	Ant 3	w/o RCV	0.19	22.78	23	63.30	0.066	0.07	-	-
	LTE Band 38	QPSK20M	Left Cheek	0	38000	50	0	Ant 3	w/o RCV	0.1	22.78	23	63.30	0.377	0.40	-	-
	LTE Band 38	QPSK20M	Left Tilted	0	38000	50	0	Ant 3	w/o RCV	-0.19	22.78	23	63.30	0.066	0.07	-	-
50	LTE Band 38	QPSK20M	Right Cheek	0	37850	1	0	Ant 3	w/o RCV	0.01	23.74	24	63.30	0.527	0.56	-	-
	LTE Band 38	QPSK20M	Right Cheek	0	38150	1	0	Ant 3	w/o RCV	-0.14	23.77	24	63.30	0.493	0.52	-	-
	CA_38C	PCC:QPSK20M SCC:QPSK20M	Right Cheek	0	PCC:37901 SCC:38099	PCC:1 SCC:1	PCC:99 SCC:0	Ant 3	w/o RCV	-0.05	23.85	24	63.30	0.509	0.53	-	-