

Appendix C. Conducted Power Test Results and Power Reduction Mechanisms Validation

1. Conducted power test results

For the measurements, Radio Communication Tester was used.

Note: The Radio Communication Tester measures GSM peak and average output power for active timeslots. For SAR the time-based average power is relevant. The difference in between depends on the duty cycle of the TDMA signal:

No. of timeslots	1	2	3	4
Duty Cycle	1:8.3	1:4.1	1:2.77	1:2.08
Time-based avg. power compared to slotted avg. power	-9.19dB	-6.13dB	-4.42dB	-3.18dB

The signalling modes differ as follows:

mode	coding scheme	modulation
GPRS	CS1 to CS4	GMSK
EDGE	MCS1 to MCS4	GMSK
EDGE	MCS5 to MCS9	8PSK

Apart from modulation change (GMSK/8PSK) coding schemes differ in code rate without influence on the RF signal. Therefore one coding scheme per mode was selected for conducted power measurements.

1.1 Conducted power of GSM850(Second antenna)

GSM850		Burst-Averaged output Power (dBm)				Division Factors	Frame-Averaged output Power (dBm)			
		Tune-up Max.	128CH	190CH	251CH		Tune-up Max.	128CH	190CH	251CH
GSM (CS)		33.50	32.24	32.38	32.63	-9.19	24.31	23.05	23.19	23.44
GPRS (GMSK)	1 Tx Slot	33.50	32.23	32.36	32.53	-9.19	24.31	23.04	23.17	23.34
	2 Tx Slots	30.50	29.33	29.27	29.29	-6.13	24.37	23.20	23.14	23.16
	3 Tx Slots	28.50	27.25	27.27	27.20	-4.42	24.08	22.83	22.85	22.78
	4 Tx Slots	27.40	25.85	25.75	25.78	-3.18	24.22	22.67	22.57	22.60
EDGE (GMSK)	1 Tx Slot	33.50	32.24	32.37	32.54	-9.19	24.31	23.05	23.18	23.35
	2 Tx Slots	30.50	29.32	29.28	29.30	-6.13	24.37	23.19	23.15	23.17
	3 Tx Slots	28.50	27.28	27.29	27.27	-4.42	24.08	22.86	22.87	22.85
	4 Tx Slots	27.40	25.85	25.85	25.82	-3.18	24.22	22.67	22.67	22.64
EDGE (8PSK)	1 Tx Slot	27.00	26.84	26.64	26.45	-9.19	17.81	17.65	17.45	17.26
	2 Tx Slots	25.00	24.17	24.14	24.28	-6.13	18.87	18.04	18.01	18.15
	3 Tx Slots	22.00	21.65	21.58	21.54	-4.42	17.58	17.23	17.16	17.12
	4 Tx Slots	21.40	20.54	20.52	20.70	-3.18	18.22	17.36	17.34	17.52

Table 1: Conducted power measurement results of GSM850

Note:

- 1) The conducted power of GSM850 is measured with RMS detector.
- 2) Frame-averaged output power was calculated from the measured burst-averaged output power by converting the slot powers into linear units and calculating the energy over 8 timeslots.
- 3) The bolded GPRS 2 Tx Slots mode was selected for SAR testing according to the highest frame-averaged output power.

1.2 Conducted power of GSM850(Main antenna)

GSM850		Burst-Averaged output Power (dBm)				Division Factors	Frame-Averaged output Power (dBm)			
		Tune-up Max.	128CH	190CH	251CH		Tune-up Max.	128CH	190CH	251CH
GSM (CS)		33.50	32.18	32.29	32.32	-9.19	24.31	22.99	23.10	23.13
GPRS (GMSK)	1 Tx Slot	33.50	32.37	32.43	32.45	-9.19	24.31	23.18	23.24	23.26
	2 Tx Slots	30.50	29.13	29.18	29.21	-6.13	24.37	23.00	23.05	23.08
	3 Tx Slots	28.50	27.07	27.13	27.14	-4.42	24.08	22.65	22.71	22.72
	4 Tx Slots	27.40	25.63	25.64	25.77	-3.18	24.22	22.45	22.46	22.59
EDGE (GMSK)	1 Tx Slot	33.50	32.40	32.47	32.49	-9.19	24.31	23.21	23.28	23.30
	2 Tx Slots	30.50	29.21	29.24	29.28	-6.13	24.37	23.08	23.11	23.15
	3 Tx Slots	28.50	27.14	27.19	27.18	-4.42	24.08	22.72	22.77	22.76
	4 Tx Slots	27.40	25.65	25.67	25.80	-3.18	24.22	22.47	22.49	22.62
EDGE (8PSK)	1 Tx Slot	27.00	26.65	26.77	26.73	-9.19	17.81	17.46	17.58	17.54
	2 Tx Slots	25.00	23.84	23.99	23.94	-6.13	18.87	17.71	17.86	17.81
	3 Tx Slots	22.00	21.81	21.84	21.97	-4.42	17.58	17.39	17.42	17.55
	4 Tx Slots	21.40	20.29	20.42	20.43	-3.18	18.22	17.11	17.24	17.25

Table 2: Conducted power measurement results of GSM850 (Receiver ON/Receiver OFF/Receiver OFF+WiFi)

GSM850		Burst-Averaged output Power (dBm)				Division Factors	Frame-Averaged output Power (dBm)			
		Tune-up Max.	128CH	190CH	251CH		Tune-up Max.	128CH	190CH	251CH
GSM (CS)		30.50	29.65	29.76	29.82	-9.19	21.31	20.46	20.57	20.63
GPRS (GMSK)	1 Tx Slot	30.50	29.80	29.91	29.95	-9.19	21.31	20.61	20.72	20.76
	2 Tx Slots	27.50	26.57	26.74	26.79	-6.13	21.37	20.44	20.61	20.66
	3 Tx Slots	25.50	24.54	24.71	24.77	-4.42	21.08	20.12	20.29	20.35
	4 Tx Slots	24.40	23.09	23.26	23.32	-3.18	21.22	19.91	20.08	20.14
EDGE (GMSK)	1 Tx Slot	30.50	29.82	29.93	29.97	-9.19	21.31	20.63	20.74	20.78
	2 Tx Slots	27.50	26.58	26.74	26.81	-6.13	21.37	20.45	20.61	20.68
	3 Tx Slots	25.50	24.55	24.72	24.76	-4.42	21.08	20.13	20.30	20.34
	4 Tx Slots	24.40	23.08	23.25	23.28	-3.18	21.22	19.90	20.07	20.10
EDGE (8PSK)	1 Tx Slot	25.50	24.51	24.65	24.60	-9.19	16.31	15.32	15.46	15.41
	2 Tx Slots	22.00	21.20	21.31	21.31	-6.13	15.87	15.07	15.18	15.18
	3 Tx Slots	20.50	19.29	19.31	19.40	-4.42	16.08	14.87	14.89	14.98
	4 Tx Slots	20.00	18.77	18.92	19.04	-3.18	16.82	15.59	15.74	15.86

Table 3: Conducted power measurement results of GSM850 (Hotspot ON)

Note:

- 1) The conducted power of GSM850 is measured with RMS detector.
- 2) Frame-averaged output power was calculated from the measured burst-averaged output power by converting the slot powers into linear units and calculating the energy over 8 timeslots.
- 3) The bolded GPRS 2 Tx Slots mode was selected for SAR testing according to the highest frame-averaged output power.

1.3 Conducted power of GSM1900(Second antenna)

GSM1900		Burst-Averaged output Power (dBm)				Division Factors	Frame-Averaged output Power (dBm)			
		Tune-up	512CH	661CH	810CH		Tune-up	512CH	661CH	810CH
		Max.					Max.			
GSM (CS)		30.50	28.93	28.95	29.08	-9.19	21.31	19.74	19.76	19.89
GPRS (GMSK)	1 Tx Slot	30.50	29.09	29.10	29.23	-9.19	21.31	19.90	19.91	20.04
	2 Tx Slots	28.20	26.26	26.26	26.25	-6.13	22.07	20.13	20.13	20.12
	3 Tx Slots	25.00	23.60	23.68	23.62	-4.42	20.58	19.18	19.26	19.20
	4 Tx Slots	23.50	22.19	22.19	22.09	-3.18	20.32	19.01	19.01	18.91
EDGE (GMSK)	1 Tx Slot	30.50	29.08	29.13	29.23	-9.19	21.31	19.89	19.94	20.04
	2 Tx Slots	28.20	25.74	25.73	25.75	-6.13	22.07	19.61	19.60	19.62
	3 Tx Slots	25.00	23.61	23.73	23.68	-4.42	20.58	19.19	19.31	19.26
	4 Tx Slots	23.50	22.29	22.16	22.12	-3.18	20.32	19.11	18.98	18.94
EDGE (8PSK)	1 Tx Slot	27.00	25.07	24.63	24.56	-9.19	17.81	15.88	15.44	15.37
	2 Tx Slots	23.50	22.53	22.31	22.53	-6.13	17.37	16.40	16.18	16.40
	3 Tx Slots	21.00	20.43	20.33	20.17	-4.42	16.58	16.01	15.91	15.75
	4 Tx Slots	19.50	18.77	18.39	18.01	-3.18	16.32	15.59	15.21	14.83

Table 4: Conducted power measurement results of GSM1900

Note:

- 1) The conducted power of GSM1900 is measured with RMS detector.
- 2) Frame-averaged output power was calculated from the measured burst-averaged output power by converting the slot powers into linear units and calculating the energy over 8 timeslots.
- 3) The bolded GPRS 2 Tx Slots mode was selected for SAR testing according to the highest frame-averaged output power.

1.4 Conducted power of GSM1900(Main antenna)

GSM1900		Burst-Averaged output Power (dBm)				Division Factors	Frame-Averaged output Power (dBm)			
		Tune-up Max.	512CH	661CH	810CH		Tune-up Max.	512CH	661CH	810CH
GSM (CS)		30.50	29.02	29.07	28.98	-9.19	21.31	19.83	19.88	19.79
GPRS (GMSK)	1 Tx Slot	30.50	29.18	29.24	29.15	-9.19	21.31	19.99	20.05	19.96
	2 Tx Slots	27.20	25.77	25.88	25.65	-6.13	21.07	19.64	19.75	19.52
	3 Tx Slots	25.50	23.67	23.87	23.55	-4.42	21.08	19.25	19.45	19.13
	4 Tx Slots	24.00	22.26	22.41	22.06	-3.18	20.82	19.08	19.23	18.88
EDGE (GMSK)	1 Tx Slot	30.50	29.23	29.27	29.19	-9.19	21.31	20.04	20.08	20.00
	2 Tx Slots	28.20	25.81	25.95	25.70	-6.13	22.07	19.68	19.82	19.57
	3 Tx Slots	26.50	24.21	24.30	24.08	-4.42	22.08	19.79	19.88	19.66
	4 Tx Slots	25.00	22.78	22.93	22.58	-3.18	21.82	19.60	19.75	19.40
EDGE (8PSK)	1 Tx Slot	27.00	25.08	25.06	24.72	-9.19	17.81	15.89	15.87	15.53
	2 Tx Slots	23.50	22.93	22.76	22.36	-6.13	17.37	16.80	16.63	16.23
	3 Tx Slots	21.00	20.74	20.71	20.31	-4.42	16.58	16.32	16.29	15.89
	4 Tx Slots	19.50	19.26	19.14	18.75	-3.18	16.32	16.08	15.96	15.57

Table 5: Conducted power measurement results of GSM1900 (Receiver ON/Receiver OFF/Receiver OFF+WiFi)

GSM1900		Burst-Averaged output Power (dBm)				Division Factors	Frame-Averaged output Power (dBm)			
		Tune-up Max.	512CH	661CH	810CH		Tune-up Max.	512CH	661CH	810CH
GSM (CS)		26.50	24.77	25.49	25.26	-9.19	17.31	15.58	16.30	16.07
GPRS (GMSK)	1 Tx Slot	26.50	25.44	25.60	25.35	-9.19	17.31	16.25	16.41	16.16
	2 Tx Slots	23.20	22.28	22.35	22.04	-6.13	17.07	16.15	16.22	15.91
	3 Tx Slots	21.50	20.25	20.28	20.01	-4.42	17.08	15.83	15.86	15.59
	4 Tx Slots	20.00	19.18	19.29	19.00	-3.18	16.82	16.00	16.11	15.82
EDGE (GMSK)	1 Tx Slot	26.50	25.45	25.61	25.37	-9.19	17.31	16.26	16.42	16.18
	2 Tx Slots	24.20	22.29	22.36	22.05	-6.13	18.07	16.16	16.23	15.92
	3 Tx Slots	22.50	20.25	20.30	20.02	-4.42	18.08	15.83	15.88	15.60
	4 Tx Slots	21.00	19.18	19.30	19.02	-3.18	17.82	16.00	16.12	15.84
EDGE (8PSK)	1 Tx Slot	23.00	22.47	22.41	22.15	-9.19	13.81	13.28	13.22	12.96
	2 Tx Slots	19.50	19.27	19.32	19.11	-6.13	13.37	13.14	13.19	12.98
	3 Tx Slots	17.00	16.92	16.98	16.95	-4.42	12.58	12.50	12.56	12.53
	4 Tx Slots	15.50	15.42	15.38	15.37	-3.18	12.32	12.24	12.20	12.19

Table 6: Conducted power measurement results of GSM1900 (Hotspot ON)

Note:

- 1) The conducted power of GSM1900 is measured with RMS detector.
- 2) Frame-averaged output power was calculated from the measured burst-averaged output power by converting the slot powers into linear units and calculating the energy over 8 timeslots.
- 3) The bolded GPRS 1 Tx Slot mode was selected for SAR testing according to the highest frame-averaged output power.

1.5 Conducted power of UMTS Band II(Second antenna)

UMTS Band II		Tune-up	Average Power (dBm)		
		Max.	9262CH	9400CH	9538CH
WCDMA	12.2kbps RMC	20.30	18.33	18.74	18.88
	12.2kbps AMR	20.30	18.34	18.70	18.74
HSDPA	Subtest 1	19.00	17.35	17.81	17.83
	Subtest 2	19.00	17.32	17.80	17.81
	Subtest 3	18.50	16.82	17.28	17.43
	Subtest 4	18.50	16.82	17.27	17.46
HSUPA	Subtest 1	17.30	16.38	15.95	16.14
	Subtest 2	17.30	15.33	15.74	15.87
	Subtest 3	18.30	16.29	16.76	16.92
	Subtest 4	16.80	15.13	15.55	15.66
	Subtest 5	18.30	17.35	17.76	17.78
DC-HSDPA	Subtest 1	19.00	17.35	17.77	17.95
	Subtest 2	19.00	17.33	17.77	17.89
	Subtest 3	18.50	16.80	17.26	17.39
	Subtest 4	18.50	16.88	17.24	17.43

Table 7: Conducted power measurement results of UMTS Band II (Receiver ON)

UMTS Band II		Tune-up	Average Power (dBm)		
		Max.	9262CH	9400CH	9538CH
WCDMA	12.2kbps RMC	20.80	18.88	19.46	19.20
	12.2kbps AMR	20.80	18.92	19.39	19.24
HSDPA	Subtest 1	19.50	17.91	18.47	18.20
	Subtest 2	19.50	17.91	18.29	18.18
	Subtest 3	19.00	17.41	17.95	17.71
	Subtest 4	19.00	17.38	17.94	17.64
HSUPA	Subtest 1	17.80	16.03	16.45	16.42
	Subtest 2	17.80	15.81	16.25	16.41
	Subtest 3	18.80	16.81	17.25	17.40
	Subtest 4	17.30	15.63	16.07	16.22
	Subtest 5	18.80	17.85	18.29	18.34
DC-HSDPA	Subtest 1	19.50	17.80	18.25	18.42
	Subtest 2	19.50	17.80	18.25	18.42
	Subtest 3	19.00	17.33	17.78	17.89
	Subtest 4	19.00	17.31	17.79	17.87

Table 8: Conducted power measurement results of UMTS Band II (Receiver OFF/Receiver OFF+WiFi)

UMTS Band II		Tune-up	Average Power (dBm)		
		Max.	9262CH	9400CH	9538CH
WCDMA	12.2kbps RMC	19.80	17.87	18.26	18.42
	12.2kbps AMR	19.80	17.88	18.28	18.33
HSDPA	Subtest 1	18.50	16.84	17.31	17.33
	Subtest 2	18.50	16.83	17.29	17.29
	Subtest 3	18.00	16.34	16.80	16.83
	Subtest 4	18.00	16.31	16.78	16.93
HSUPA	Subtest 1	16.80	15.93	16.26	16.41
	Subtest 2	16.80	14.84	15.26	15.41
	Subtest 3	17.80	15.84	16.27	16.40
	Subtest 4	16.30	14.66	15.06	15.22
	Subtest 5	17.80	16.88	17.29	17.32
DC-HSDPA	Subtest 1	18.50	16.84	17.31	17.45
	Subtest 2	18.50	16.83	17.27	17.43
	Subtest 3	18.00	16.32	16.81	16.94
	Subtest 4	18.00	16.34	16.79	16.85

Table 9: Conducted power measurement results of UMTS Band II (Hotspot ON)

Note:

- 1) The bolded 12.2kbps RMC mode was selected for SAR testing.
- 2) When maximum output of each RF channel with HSDPA/HSUPA/DC-HSDPA active is $\leq \frac{1}{4}$ dB higher than without HSDPA/HSUPA/DC-HSDPA using 12.2 kbps RMC or maximum SAR for 12.2 kbps RMC is $\leq 75\%$ of SAR limit, SAR evaluation for HSDPA/HSUPA/DC-HSDPA is not required.

1.6 Conducted power of UMTS Band II(Main antenna)

UMTS Band II		Tune-up	Average Power (dBm)		
		Max.	9262CH	9400CH	9538CH
WCDMA	12.2kbps RMC	24.80	22.90	22.81	22.67
	12.2kbps AMR	24.80	22.76	23.07	23.00
HSDPA	Subtest 1	23.50	21.74	21.93	21.80
	Subtest 2	23.50	21.88	22.30	22.12
	Subtest 3	23.00	21.39	21.54	21.42
	Subtest 4	23.00	21.38	21.76	21.62
HSUPA	Subtest 1	21.80	20.96	21.29	21.11
	Subtest 2	21.80	19.98	20.26	20.11
	Subtest 3	22.80	20.99	21.25	21.12
	Subtest 4	21.30	19.69	20.05	19.94
	Subtest 5	22.80	22.00	22.21	22.12
DC-HSDPA	Subtest 1	23.50	22.21	22.27	22.15
	Subtest 2	23.50	21.88	22.27	22.12
	Subtest 3	23.00	21.48	21.67	21.64
	Subtest 4	23.00	21.39	21.77	21.63

Table 10: Conducted power measurement results of UMTS Band II (Receiver ON/Receiver OFF/Receiver OFF+WiFi)

UMTS Band II		Tune-up	Average Power (dBm)		
		Max.	9262CH	9400CH	9538CH
WCDMA	12.2kbps RMC	21.80	20.11	20.57	19.99
	12.2kbps AMR	21.80	20.11	20.57	20.05
HSDPA	Subtest 1	20.50	19.10	19.53	19.04
	Subtest 2	20.50	19.10	19.54	19.05
	Subtest 3	20.00	18.60	19.04	18.52
	Subtest 4	20.00	18.60	19.04	18.55
HSUPA	Subtest 1	18.80	17.76	17.63	18.70
	Subtest 2	18.80	16.81	17.41	17.20
	Subtest 3	19.80	17.73	18.50	18.14
	Subtest 4	18.30	16.75	17.19	16.99
	Subtest 5	19.80	19.37	18.36	18.31
DC-HSDPA	Subtest 1	20.50	18.85	19.38	19.18
	Subtest 2	20.50	18.76	19.49	19.26
	Subtest 3	20.00	18.48	18.95	18.55
	Subtest 4	20.00	18.36	19.02	18.61

Table 11: Conducted power measurement results of UMTS Band II (Hotspot ON)

Note:

- 1) The bolded 12.2kbps RMC mode was selected for SAR testing.
- 2) When maximum output of each RF channel with HSDPA/HSUPA/DC-HSDPA active is $\leq \frac{1}{4}$ dB higher than without HSDPA/HSUPA/DC-HSDPA using 12.2 kbps RMC or maximum SAR for 12.2 kbps RMC is $\leq 75\%$ of SAR limit, SAR evaluation for HSDPA/HSUPA/DC-HSDPA is not required.

1.7 Conducted power of UMTS Band IV(Second antenna)

UMTS Band IV		Tune-up	Average Power (dBm)		
		Max.	1312CH	1413CH	1513CH
WCDMA	12.2kbps RMC	22.30	20.42	20.46	20.53
	12.2kbps AMR	22.30	20.43	20.43	20.56
HSDPA	Subtest 1	22.00	19.86	20.01	20.03
	Subtest 2	22.00	19.85	19.99	20.05
	Subtest 3	21.50	19.49	19.50	19.57
	Subtest 4	21.50	19.39	19.51	19.54
HSUPA	Subtest 1	20.30	19.47	19.09	19.11
	Subtest 2	20.30	17.85	17.96	18.05
	Subtest 3	21.30	18.88	18.91	19.04
	Subtest 4	19.80	17.66	17.76	17.85
	Subtest 5	21.30	19.90	19.94	20.09
DC-HSDPA	Subtest 1	22.00	19.88	20.02	20.05
	Subtest 2	22.00	19.86	20.00	20.04
	Subtest 3	21.50	19.36	19.51	19.53
	Subtest 4	21.50	19.49	19.50	19.53

Table 12 :Conducted power measurement results of UMTS Band IV (Receiver ON)

UMTS Band IV		Tune-up	Average Power (dBm)		
		Max.	1312CH	1413CH	1513CH
WCDMA	12.2kbps RMC	20.30	18.96	18.93	18.96
	12.2kbps AMR	20.30	18.93	19.03	18.94
HSDPA	Subtest 1	20.00	18.00	17.94	18.09
	Subtest 2	20.00	18.01	17.94	18.04
	Subtest 3	19.50	17.49	17.45	17.54
	Subtest 4	19.50	17.52	17.46	17.55
HSUPA	Subtest 1	18.30	15.89	16.10	16.24
	Subtest 2	18.30	16.00	15.90	16.05
	Subtest 3	19.30	17.00	16.93	17.04
	Subtest 4	17.80	15.81	15.76	15.84
	Subtest 5	19.30	17.94	17.96	18.02
DC-HSDPA	Subtest 1	20.00	17.99	17.93	18.07
	Subtest 2	20.00	18.03	17.98	18.06
	Subtest 3	19.50	17.51	17.45	17.55
	Subtest 4	19.50	17.51	17.45	17.57

Table 13: Conducted power measurement results of UMTS Band IV (Receiver OFF/Receiver OFF+WiFi)

UMTS Band IV		Tune-up	Average Power (dBm)		
		Max.	1312CH	1413CH	1513CH
WCDMA	12.2kbps RMC	19.30	17.81	17.98	17.97
	12.2kbps AMR	19.30	17.80	17.97	18.04
HSDPA	Subtest 1	19.00	16.93	16.97	17.09
	Subtest 2	19.00	16.93	16.95	17.06
	Subtest 3	18.50	16.42	16.44	16.62
	Subtest 4	18.50	16.40	16.48	16.43
HSUPA	Subtest 1	17.30	15.89	15.92	16.07
	Subtest 2	17.30	14.94	14.94	15.11
	Subtest 3	18.30	16.02	16.93	16.09
	Subtest 4	16.80	14.75	14.74	14.88
	Subtest 5	18.30	16.85	16.98	17.02
DC-HSDPA	Subtest 1	19.00	16.83	16.96	17.09
	Subtest 2	19.00	16.94	16.96	17.08
	Subtest 3	18.50	16.41	16.32	16.58
	Subtest 4	18.50	16.43	16.43	16.43

Table 14: Conducted power measurement results of UMTS Band IV (Hotspot ON)

Note:

- 1) The bolded 12.2kbps RMC mode was selected for SAR testing.
- 2) When maximum output of each RF channel with HSDPA/HSUPA/DC-HSDPA active is $\leq \frac{1}{4}$ dB higher than without HSDPA/HSUPA/DC-HSDPA using 12.2 kbps RMC or maximum SAR for 12.2 kbps RMC is $\leq 75\%$ of SAR limit, SAR evaluation for HSDPA/HSUPA/DC-HSDPA is not required.

1.8 Conducted power of UMTS Band IV(Main antenna)

UMTS Band IV		Tune-up	Average Power (dBm)		
		Max.	1312CH	1413CH	1513CH
WCDMA	12.2kbps RMC	24.30	23.21	23.22	23.46
	12.2kbps AMR	24.30	23.05	23.29	23.52
HSDPA	Subtest 1	24.00	21.97	22.14	22.23
	Subtest 2	24.00	21.88	22.09	22.25
	Subtest 3	23.50	21.38	21.62	21.73
	Subtest 4	23.50	21.54	21.83	21.95
HSUPA	Subtest 1	22.30	21.51	21.41	21.54
	Subtest 2	22.30	20.07	20.31	20.42
	Subtest 3	23.30	20.97	21.33	21.47
	Subtest 4	21.80	20.22	20.18	20.26
	Subtest 5	23.30	21.97	22.30	22.43
DC-HSDPA	Subtest 1	24.00	22.04	22.15	22.27
	Subtest 2	24.00	22.00	22.36	22.47
	Subtest 3	23.50	21.84	21.67	21.97
	Subtest 4	23.50	21.61	21.77	21.90

Table 15: Conducted power measurement results of UMTS Band IV (Receiver ON/Receiver OFF/Receiver OFF+WiFi)

UMTS Band IV		Tune-up	Average Power (dBm)		
		Max.	1312CH	1413CH	1513CH
WCDMA	12.2kbps RMC	21.30	20.11	20.38	20.29
	12.2kbps AMR	21.30	20.12	20.30	20.31
HSDPA	Subtest 1	21.00	19.21	19.31	19.34
	Subtest 2	21.00	19.10	19.30	19.33
	Subtest 3	20.50	18.61	18.81	18.91
	Subtest 4	20.50	18.60	18.79	18.90
HSUPA	Subtest 1	19.30	18.51	18.41	18.54
	Subtest 2	19.30	17.07	17.31	17.42
	Subtest 3	20.30	17.97	18.33	18.47
	Subtest 4	18.80	17.22	17.18	17.26
	Subtest 5	20.30	18.97	19.30	19.43
DC-HSDPA	Subtest 1	21.00	19.04	19.15	19.27
	Subtest 2	21.00	19.00	19.36	19.47
	Subtest 3	20.50	18.84	18.67	18.97
	Subtest 4	20.50	18.61	18.77	18.90

Table 16: Conducted power measurement results of UMTS Band IV (Hotspot ON)

Note:

- 1) The bolded 12.2kbps RMC mode was selected for SAR testing.
- 2) When maximum output of each RF channel with HSDPA/HSUPA/DC-HSDPA active is $\leq \frac{1}{4}$ dB higher than without HSDPA/HSUPA/DC-HSDPA using 12.2 kbps RMC or maximum SAR for 12.2 kbps RMC is $\leq 75\%$ of SAR limit, SAR evaluation for HSDPA/HSUPA/DC-HSDPA is not required.

1.9 Conducted power of UMTS Band V(Second antenna)

UMTS Band V		Tune-up	Average Power (dBm)		
		Max.	4132CH	4182CH	4233CH
WCDMA	12.2kbps RMC	25.00	23.71	24.37	24.47
	12.2kbps AMR	25.00	23.69	24.29	24.54
HSDPA	Subtest 1	23.50	22.72	23.31	23.28
	Subtest 2	23.50	22.81	23.43	23.30
	Subtest 3	23.00	22.31	22.90	22.82
	Subtest 4	23.00	22.31	22.89	22.78
HSUPA	Subtest 1	23.20	21.86	22.46	22.48
	Subtest 2	21.80	20.78	21.38	21.28
	Subtest 3	22.80	21.78	22.38	22.25
	Subtest 4	21.30	20.59	21.17	21.07
	Subtest 5	23.50	22.73	23.32	23.29
DC-HSDPA	Subtest 1	23.50	22.81	23.40	23.27
	Subtest 2	23.50	22.78	23.41	23.25
	Subtest 3	23.00	22.27	22.91	22.86
	Subtest 4	23.00	22.27	22.88	22.87

Table 17: Conducted power measurement results of UMTS Band V

Note:

- 1) The bolded 12.2kbps RMC mode was selected for SAR testing.
- 2) When maximum output of each RF channel with HSDPA/HSUPA/DC-HSDPA active is $\leq \frac{1}{4}$ dB higher than without HSDPA/HSUPA/DC-HSDPA using 12.2 kbps RMC or maximum SAR for 12.2 kbps RMC is $\leq 75\%$ of SAR limit, SAR evaluation for HSDPA/HSUPA/DC-HSDPA is not required.

1.10 Conducted power of UMTS Band V(Main antenna)

UMTS Band V		Tune-up	Average Power (dBm)		
		Max.	4132CH	4182CH	4233CH
WCDMA	12.2kbps RMC	25.00	23.62	24.25	24.40
	12.2kbps AMR	25.00	23.67	24.28	24.46
HSDPA	Subtest 1	23.50	22.75	23.27	23.48
	Subtest 2	23.50	22.67	23.30	23.38
	Subtest 3	23.00	22.15	22.78	23.00
	Subtest 4	23.00	22.15	22.78	22.99
HSUPA	Subtest 1	23.20	21.83	22.33	22.40
	Subtest 2	21.80	20.64	21.24	21.38
	Subtest 3	22.80	21.58	22.27	22.32
	Subtest 4	21.30	20.48	21.07	21.16
	Subtest 5	23.50	22.63	22.56	22.48
DC-HSDPA	Subtest 1	23.50	22.75	23.26	23.48
	Subtest 2	23.50	22.72	23.25	23.47
	Subtest 3	23.00	22.14	22.76	22.98
	Subtest 4	23.00	22.13	22.75	22.87

Table 18: Conducted power measurement results of UMTS Band V

Note:

- 1) The bolded 12.2kbps RMC mode was selected for SAR testing.
- 2) When maximum output of each RF channel with HSDPA/HSUPA/DC-HSDPA active is $\leq \frac{1}{4}$ dB higher than without HSDPA/HSUPA/DC-HSDPA using 12.2 kbps RMC or maximum SAR for 12.2 kbps RMC is $\leq 75\%$ of SAR limit, SAR evaluation for HSDPA/HSUPA/DC-HSDPA is not required.

1.11 Conducted power of LTE Band 2(Second antenna)

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	18607CH	18900CH	19193CH
1.4MHz	QPSK	1	0	20.50	18.58	19.01	19.11
		1	3	20.50	18.48	19.12	19.19
		1	5	20.50	18.47	19.09	19.19
		3	0	20.50	18.69	19.13	19.21
		3	2	20.50	18.68	19.11	19.11
		3	3	20.50	18.54	19.18	19.22
		6	0	20.50	18.43	19.09	19.18
	16QAM	1	0	20.50	18.74	18.94	19.19
		1	3	20.50	18.62	19.26	19.45
		1	5	20.50	18.70	19.12	19.36
		3	0	20.50	18.66	19.07	19.31
		3	2	20.50	18.73	19.40	19.33
		3	3	20.50	18.61	19.09	19.19
		6	0	20.50	18.42	19.09	19.25
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	18615CH	18900CH	19185CH
3MHz	QPSK	1	0	20.50	18.63	19.12	19.22
		1	7	20.50	18.57	19.23	19.14
		1	14	20.50	18.70	18.77	19.11
		8	0	20.50	18.61	19.12	19.16
		8	4	20.50	18.62	19.14	19.28
		8	7	20.50	18.57	19.15	19.27
		15	0	20.50	18.65	19.11	19.28
	16QAM	1	0	20.50	18.83	19.45	19.49
		1	7	20.50	18.80	19.37	19.30
		1	14	20.50	18.78	19.28	19.43
		8	0	20.50	18.60	19.17	19.24
		8	4	20.50	18.65	19.08	19.21
		8	7	20.50	18.56	18.98	19.20
		15	0	20.50	18.62	19.19	19.16



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	18625CH	18900CH	19175CH
5MHz	QPSK	1	0	20.50	18.78	19.19	19.21
		1	13	20.50	18.60	19.14	19.18
		1	24	20.50	18.76	19.27	19.12
		12	0	20.50	18.67	19.25	19.36
		12	6	20.50	18.52	19.17	19.27
		12	13	20.50	18.58	19.09	19.16
		25	0	20.50	18.56	19.18	19.22
	16QAM	1	0	20.50	19.07	19.68	19.51
		1	13	20.50	19.10	19.43	19.29
		1	24	20.50	18.84	19.45	19.58
		12	0	20.50	18.73	19.19	19.40
		12	6	20.50	18.60	19.28	19.36
		12	13	20.50	18.64	19.06	19.20
		25	0	20.50	18.63	19.15	19.29
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	18650CH	18900CH	19150CH
10MHz	QPSK	1	0	20.50	18.75	19.10	19.12
		1	25	20.50	18.95	18.95	19.31
		1	49	20.50	18.70	19.30	19.24
		25	0	20.50	18.65	19.13	19.10
		25	13	20.50	18.88	19.20	19.19
		25	25	20.50	18.70	19.03	19.35
		50	0	20.50	18.67	18.96	19.19
	16QAM	1	0	20.50	18.75	19.12	19.31
		1	25	20.50	19.06	19.26	19.12
		1	49	20.50	18.99	19.66	19.40
		25	0	20.50	18.66	19.10	19.01
		25	13	20.50	18.75	19.22	19.22
		25	25	20.50	18.70	19.04	19.33
		50	0	20.50	18.66	19.05	19.17

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	18675CH	18900CH	19125CH
15MHz	QPSK	1	0	20.50	18.40	18.53	18.65
		1	38	20.50	18.91	18.96	18.97
		1	74	20.50	18.83	19.04	19.45
		36	0	20.50	18.37	18.77	18.71
		36	18	20.50	18.63	18.93	18.91
		36	39	20.50	18.61	19.03	19.12
		75	0	20.50	18.54	18.85	18.99
	16QAM	1	0	20.50	18.77	18.92	18.91
		1	38	20.50	18.83	19.61	19.37
		1	74	20.50	19.24	19.51	19.48
		36	0	20.50	18.46	18.62	18.77
		36	18	20.50	18.56	19.03	18.91
		36	39	20.50	18.63	19.03	18.92
		75	0	20.50	18.55	18.96	18.80
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	18700CH	18900CH	19100CH
20MHz	QPSK	1	0	20.50	19.09	19.05	19.03
		1	50	20.50	18.84	19.24	18.87
		1	99	20.50	18.37	18.81	18.70
		50	0	20.50	18.90	19.13	19.06
		50	25	20.50	18.79	19.01	19.02
		50	50	20.50	18.72	18.91	18.91
		100	0	20.50	18.77	19.00	19.13
	16QAM	1	0	20.50	19.45	19.65	19.46
		1	50	20.50	19.23	19.26	19.41
		1	99	20.50	18.50	19.02	19.15
		50	0	20.50	18.93	19.02	19.01
		50	25	20.50	18.78	18.98	19.06
		50	50	20.50	18.61	19.06	18.95
		100	0	20.50	18.80	19.00	18.95

Table 19: Conducted power measurement results of LTE Band 2 (Receiver ON/Hotspot ON)



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	18607CH	18900CH	19193CH
1.4MHz	QPSK	1	0	21.00	19.04	19.42	19.72
		1	3	21.00	19.28	19.45	19.74
		1	5	21.00	19.02	19.28	19.62
		3	0	21.00	19.20	19.42	19.60
		3	2	21.00	19.10	19.76	19.73
		3	3	21.00	19.07	19.56	19.68
		6	0	21.00	19.10	19.59	19.55
	16QAM	1	0	21.00	19.05	19.66	19.87
		1	3	21.00	19.24	19.89	19.78
		1	5	21.00	18.94	19.60	19.71
		3	0	21.00	19.31	19.84	19.77
		3	2	21.00	19.13	19.75	19.92
		3	3	21.00	19.15	19.79	19.79
		6	0	21.00	18.99	19.57	19.78
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	18615CH	18900CH	19185CH
3MHz	QPSK	1	0	21.00	19.03	19.55	19.83
		1	7	21.00	19.01	19.55	19.68
		1	14	21.00	19.04	19.39	19.65
		8	0	21.00	19.05	19.65	19.72
		8	4	21.00	19.09	19.69	19.70
		8	7	21.00	18.99	19.58	19.65
		15	0	21.00	19.12	19.65	19.71
	16QAM	1	0	21.00	19.34	19.82	19.91
		1	7	21.00	19.48	19.88	19.95
		1	14	21.00	19.34	19.80	19.80
		8	0	21.00	19.11	19.54	19.70
		8	4	21.00	19.16	19.74	19.79
		8	7	21.00	19.04	19.73	19.66
		15	0	21.00	18.99	19.69	19.77



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	18625CH	18900CH	19175CH
5MHz	QPSK	1	0	21.00	19.26	19.84	19.87
		1	13	21.00	19.18	19.78	19.73
		1	24	21.00	19.13	19.67	19.60
		12	0	21.00	19.16	19.65	19.85
		12	6	21.00	19.04	19.67	19.74
		12	13	21.00	19.14	19.56	19.68
		25	0	21.00	19.05	19.67	19.81
	16QAM	1	0	21.00	19.65	19.99	20.05
		1	13	21.00	19.40	20.20	19.99
		1	24	21.00	19.28	19.81	20.03
		12	0	21.00	19.21	19.62	19.82
		12	6	21.00	19.12	19.71	19.72
		12	13	21.00	19.08	19.60	19.74
		25	0	21.00	19.06	19.64	19.90
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	18650CH	18900CH	19150CH
10MHz	QPSK	1	0	21.00	19.20	19.54	19.53
		1	25	21.00	19.24	19.62	19.56
		1	49	21.00	19.15	19.61	19.76
		25	0	21.00	19.15	19.66	19.63
		25	13	21.00	19.25	19.77	19.74
		25	25	21.00	19.21	19.65	19.75
		50	0	21.00	19.26	19.23	19.84
	16QAM	1	0	21.00	19.45	19.69	19.73
		1	25	21.00	19.67	19.77	19.88
		1	49	21.00	19.46	20.03	19.83
		25	0	21.00	19.19	19.65	19.67
		25	13	21.00	19.35	19.70	19.67
		25	25	21.00	19.17	19.49	19.76
		50	0	21.00	19.23	19.64	19.66

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	18675CH	18900CH	19125CH
15MHz	QPSK	1	0	21.00	18.61	18.71	18.87
		1	38	21.00	19.23	19.45	19.59
		1	74	21.00	19.27	19.79	19.63
		36	0	21.00	18.83	19.14	19.21
		36	18	21.00	19.11	19.49	19.43
		36	39	21.00	19.21	19.53	19.56
		75	0	21.00	19.02	19.30	19.50
	16QAM	1	0	21.00	19.00	19.22	19.27
		1	38	21.00	19.17	19.67	19.94
		1	74	21.00	19.64	20.02	19.97
		36	0	21.00	18.80	19.12	19.12
		36	18	21.00	19.12	19.48	19.46
		36	39	21.00	19.13	19.48	19.44
		75	0	21.00	19.01	19.42	19.43
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	18700CH	18900CH	19100CH
20MHz	QPSK	1	0	21.00	19.81	19.83	19.92
		1	50	21.00	19.30	19.59	19.68
		1	99	21.00	18.90	19.19	18.92
		50	0	21.00	19.53	19.73	19.54
		50	25	21.00	19.38	19.59	19.53
		50	50	21.00	19.31	19.47	19.44
		100	0	21.00	19.55	19.61	19.59
	16QAM	1	0	21.00	19.84	20.36	19.89
		1	50	21.00	19.78	20.21	19.82
		1	99	21.00	19.24	19.69	19.22
		50	0	21.00	19.48	19.66	19.47
		50	25	21.00	19.28	19.52	19.54
		50	50	21.00	19.18	19.58	19.50
		100	0	21.00	19.43	19.62	19.56

Table 20: Conducted power measurement results of LTE Band 2 (Receiver OFF/Receiver OFF+WiFi)

Note: The conducted power of LTE Band 2 is measured with RMS detector.

1.12 Conducted power of LTE Band 2(Main antenna)

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	18607CH	18900CH	19193CH
1.4MHz	QPSK	1	0	24.00	22.47	23.00	22.05
		1	3	24.00	22.66	23.19	21.67
		1	5	24.00	22.57	22.99	21.46
		3	0	24.00	22.75	22.65	22.25
		3	2	24.00	22.66	22.53	21.86
		3	3	24.00	22.64	22.57	21.67
	16QAM	6	0	23.00	21.71	21.99	21.20
		1	0	23.00	21.81	22.28	21.52
		1	3	23.00	22.02	22.08	21.13
		1	5	23.00	21.92	22.13	20.65
		3	0	23.00	21.57	22.19	21.37
		3	2	23.00	21.58	22.12	21.10
		3	3	23.00	21.70	22.07	20.97
		6	0	22.00	20.55	21.07	20.77
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	18615CH	18900CH	19185CH
3MHz	QPSK	1	0	24.00	22.67	23.01	22.53
		1	7	24.00	22.56	23.08	21.96
		1	14	24.00	22.93	23.01	21.31
		8	0	23.00	21.70	22.05	21.88
		8	4	23.00	21.67	22.09	21.95
		8	7	23.00	21.63	22.09	21.71
		15	0	23.00	21.67	21.81	21.98
	16QAM	1	0	23.00	21.92	22.21	22.00
		1	7	23.00	22.02	22.29	21.50
		1	14	23.00	21.80	22.23	20.66
		8	0	22.00	20.63	21.14	20.98
		8	4	22.00	20.72	21.17	21.00
		8	7	22.00	20.65	21.06	21.17
		15	0	22.00	20.85	21.08	20.91



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	18625CH	18900CH	19175CH
5MHz	QPSK	1	0	24.00	22.96	23.25	22.98
		1	13	24.00	22.76	23.10	22.43
		1	24	24.00	22.73	23.01	21.18
		12	0	23.00	21.76	22.12	22.07
		12	6	23.00	21.60	22.15	21.92
		12	13	23.00	21.64	22.01	21.90
		25	0	23.00	21.59	22.04	21.92
	16QAM	1	0	23.00	22.01	22.56	22.14
		1	13	23.00	21.89	22.25	21.92
		1	24	23.00	22.18	22.23	20.79
		12	0	22.00	20.96	21.21	21.14
		12	6	22.00	20.85	21.19	20.99
		12	13	22.00	20.76	21.08	20.90
		25	0	22.00	20.76	21.11	21.13
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	18650CH	18900CH	19150CH
10MHz	QPSK	1	0	24.00	22.80	23.22	22.96
		1	25	24.00	22.98	23.18	23.08
		1	49	24.00	22.77	23.27	21.18
		25	0	23.00	21.73	22.11	21.95
		25	13	23.00	21.87	22.11	21.95
		25	25	23.00	21.83	21.98	22.02
		50	0	23.00	21.73	22.09	21.79
	16QAM	1	0	23.00	21.92	22.15	21.93
		1	25	23.00	21.77	22.32	22.01
		1	49	23.00	22.01	22.38	20.73
		25	0	22.00	20.72	21.17	20.91
		25	13	22.00	20.92	21.19	20.99
		25	25	22.00	20.82	20.96	21.02
		50	0	22.00	20.94	21.10	21.01

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	18675CH	18900CH	19125CH
15MHz	QPSK	1	0	24.00	22.36	22.54	22.27
		1	38	24.00	22.86	22.94	22.67
		1	74	24.00	22.80	23.13	21.48
		36	0	23.00	21.49	21.64	21.45
		36	18	23.00	21.70	21.95	21.70
		36	39	23.00	21.73	21.97	21.80
		75	0	23.00	21.68	21.75	21.61
	16QAM	1	0	23.00	21.67	21.63	21.49
		1	38	23.00	21.81	22.20	21.78
		1	74	23.00	22.13	22.27	21.21
		36	0	22.00	20.43	20.61	20.51
		36	18	22.00	20.70	20.93	20.77
		36	39	22.00	20.76	20.93	20.86
		75	0	22.00	20.54	20.74	20.62
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	18700CH	18900CH	19100CH
20MHz	QPSK	1	0	24.80	22.88	22.89	22.83
		1	50	24.80	22.74	22.76	22.60
		1	99	24.80	22.56	22.53	22.53
		50	0	23.80	21.81	21.82	21.81
		50	25	23.80	21.75	21.74	21.63
		50	50	23.80	21.60	21.68	21.61
		100	0	23.80	21.81	21.76	21.77
	16QAM	1	0	23.80	22.28	22.32	22.34
		1	50	23.80	21.92	22.19	21.93
		1	99	23.80	21.71	21.48	21.40
		50	0	22.80	20.76	20.97	20.78
		50	25	22.80	20.81	20.83	20.71
		50	50	22.80	20.64	20.72	20.53
		100	0	22.80	20.85	20.91	20.72

Table 21: Conducted power measurement results of LTE Band 2 (Receiver ON/Receiver OFF/Receiver OFF+WiFi)



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	18607CH	18900CH	19193CH
1.4MHz	QPSK	1	0	21.00	19.52	20.36	20.16
		1	3	21.00	19.81	20.30	20.23
		1	5	21.00	19.79	20.24	20.09
		3	0	21.00	19.72	20.22	20.18
		3	2	21.00	19.88	20.49	20.24
		3	3	21.00	19.70	20.30	20.09
		6	0	21.00	19.69	20.32	20.12
	16QAM	1	0	21.00	19.78	20.25	20.21
		1	3	21.00	19.82	20.41	20.19
		1	5	21.00	19.81	20.38	20.25
		3	0	21.00	19.83	20.45	20.21
		3	2	21.00	19.81	20.42	20.19
		3	3	21.00	19.99	20.11	20.04
		6	0	21.00	19.74	20.31	20.12
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	18615CH	18900CH	19185CH
3MHz	QPSK	1	0	21.00	19.85	20.44	20.31
		1	7	21.00	19.90	20.39	20.10
		1	14	21.00	19.84	20.24	20.17
		8	0	21.00	19.74	20.19	20.12
		8	4	21.00	19.80	20.40	20.23
		8	7	21.00	19.79	20.34	20.13
		15	0	21.00	19.73	20.36	20.15
	16QAM	1	0	21.00	19.97	20.72	20.41
		1	7	21.00	20.02	20.60	20.21
		1	14	21.00	20.06	20.37	20.30
		8	0	21.00	19.78	20.31	20.20
		8	4	21.00	19.77	20.28	20.18
		8	7	21.00	19.82	20.33	20.18
		15	0	21.00	19.24	20.31	20.13



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	18625CH	18900CH	19175CH
5MHz	QPSK	1	0	21.00	20.00	20.32	20.23
		1	13	21.00	19.68	20.42	20.17
		1	24	21.00	19.85	20.33	20.22
		12	0	21.00	19.82	20.37	20.23
		12	6	21.00	19.82	20.36	20.22
		12	13	21.00	19.77	20.09	20.21
		25	0	21.00	19.73	20.28	20.23
	16QAM	1	0	21.00	20.11	20.73	20.63
		1	13	21.00	20.31	20.69	20.23
		1	24	21.00	20.16	20.69	20.32
		12	0	21.00	19.94	20.37	20.32
		12	6	21.00	19.78	20.38	20.31
		12	13	21.00	19.77	20.26	20.16
		25	0	21.00	19.74	20.38	20.26
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	18650CH	18900CH	19150CH
10MHz	QPSK	1	0	21.00	19.93	20.33	20.21
		1	25	21.00	19.84	20.11	20.07
		1	49	21.00	19.93	20.33	20.22
		25	0	21.00	19.87	20.34	20.13
		25	13	21.00	20.08	20.38	20.23
		25	25	21.00	19.99	20.23	20.27
		50	0	21.00	19.96	20.33	20.13
	16QAM	1	0	21.00	20.14	20.40	20.48
		1	25	21.00	20.44	20.56	20.25
		1	49	21.00	20.28	20.66	20.20
		25	0	21.00	19.86	20.33	20.05
		25	13	21.00	20.09	20.42	20.15
		25	25	21.00	19.98	20.28	20.23
		50	0	21.00	19.75	20.27	20.22

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	18675CH	18900CH	19125CH
15MHz	QPSK	1	0	21.00	19.44	19.66	19.56
		1	38	21.00	19.94	20.40	19.96
		1	74	21.00	20.09	20.38	20.26
		36	0	21.00	19.58	19.92	19.78
		36	18	21.00	19.75	20.23	19.99
		36	39	21.00	19.96	20.21	19.97
		75	0	21.00	19.59	19.99	19.81
	16QAM	1	0	21.00	19.60	19.92	19.68
		1	38	21.00	20.25	20.45	20.23
		1	74	21.00	20.50	20.60	20.33
		36	0	21.00	19.45	19.87	19.76
		36	18	21.00	19.86	20.12	19.95
		36	39	21.00	19.98	20.21	20.09
		75	0	21.00	19.83	19.99	19.89
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	18700CH	18900CH	19100CH
20MHz	QPSK	1	0	21.00	20.23	20.40	20.18
		1	50	21.00	19.95	20.21	19.83
		1	99	21.00	19.59	19.80	19.31
		50	0	21.00	20.00	20.28	20.09
		50	25	21.00	19.94	20.17	19.98
		50	50	21.00	19.84	19.97	20.00
		100	0	21.00	19.96	20.23	20.11
	16QAM	1	0	21.00	20.56	20.80	20.52
		1	50	21.00	20.15	20.26	20.42
		1	99	21.00	19.98	20.07	19.55
		50	0	21.00	19.79	19.59	19.34
		50	25	21.00	19.69	19.48	19.24
		50	50	21.00	19.57	19.56	19.12
		100	0	21.00	19.69	19.49	19.24

Table 22: Conducted power measurement results of LTE Band 2 (Hotspot ON)

Note: The conducted power of LTE Band 2 is measured with RMS detector.

1.13 Conducted power of LTE Band 4(Second antenna)

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	19957CH	20175CH	20393CH
1.4MHz	QPSK	1	0	21.30	18.96	18.90	19.07
		1	3	21.30	18.85	18.98	19.12
		1	5	21.30	18.95	19.05	18.89
		3	0	21.30	18.89	19.02	19.03
		3	2	21.30	19.06	19.05	19.04
		3	3	21.30	19.00	19.12	19.07
		6	0	21.30	18.95	19.14	19.04
	16QAM	1	0	21.30	19.06	18.84	19.17
		1	3	21.30	18.93	19.22	18.96
		1	5	21.30	18.92	18.95	19.07
		3	0	21.30	19.13	18.99	19.06
		3	2	21.30	19.06	18.99	19.37
		3	3	21.30	19.21	19.16	19.12
		6	0	21.30	18.89	18.90	18.98
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	19965CH	20175CH	20385CH
3MHz	QPSK	1	0	21.30	18.94	19.20	19.25
		1	7	21.30	18.90	19.24	19.41
		1	14	21.30	18.88	19.09	19.30
		8	0	21.30	18.90	19.19	19.27
		8	4	21.30	18.87	19.26	19.46
		8	7	21.30	18.91	19.25	19.32
		15	0	21.30	18.89	19.22	19.06
	16QAM	1	0	21.30	19.25	19.42	19.58
		1	7	21.30	19.29	19.45	19.69
		1	14	21.30	19.12	19.31	19.58
		8	0	21.30	19.14	19.18	19.53
		8	4	21.30	18.95	19.23	19.45
		8	7	21.30	19.00	19.18	19.24
		15	0	21.30	19.03	19.17	19.46



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	19975CH	20175CH	20375CH
5MHz	QPSK	1	0	21.30	19.03	19.47	19.59
		1	13	21.30	18.91	19.14	19.47
		1	24	21.30	18.89	19.20	19.34
		12	0	21.30	19.04	19.31	19.47
		12	6	21.30	18.94	19.24	19.33
		12	13	21.30	18.97	19.21	19.30
	16QAM	25	0	21.30	18.98	19.15	19.40
		1	0	21.30	19.56	19.72	19.88
		1	13	21.30	19.34	19.78	19.50
		1	24	21.30	19.30	19.36	19.55
		12	0	21.30	19.08	19.33	19.45
		12	6	21.30	18.97	19.23	19.33
		12	13	21.30	19.06	19.26	19.33
		25	0	21.30	18.96	19.19	19.34
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	20000CH	20175CH	20350CH
10MHz	QPSK	1	0	21.30	18.96	19.31	19.44
		1	25	21.30	18.87	19.21	19.29
		1	49	21.30	18.95	19.20	19.56
		25	0	21.30	19.00	19.15	19.48
		25	13	21.30	18.96	19.32	19.56
		25	25	21.30	18.93	19.17	19.61
		50	0	21.30	19.03	19.25	19.54
	16QAM	1	0	21.30	19.17	19.59	19.66
		1	25	21.30	19.00	19.43	19.77
		1	49	21.30	19.12	19.56	19.91
		25	0	21.30	19.02	19.24	19.43
		25	13	21.30	18.88	19.26	19.50
		25	25	21.30	18.94	19.14	19.57
		50	0	21.30	19.10	19.20	19.57

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	20025CH	20175CH	20325CH
15MHz	QPSK	1	0	21.30	18.97	19.02	19.01
		1	38	21.30	18.85	19.40	19.58
		1	74	21.30	19.20	19.59	19.53
		36	0	21.30	18.96	19.02	19.20
		36	18	21.30	19.05	19.23	19.36
		36	39	21.30	19.04	19.22	19.48
		75	0	21.30	18.88	19.10	19.27
	16QAM	1	0	21.30	19.15	19.16	19.41
		1	38	21.30	19.42	19.46	19.86
		1	74	21.30	19.34	19.63	19.79
		36	0	21.30	18.99	18.97	19.25
		36	18	21.30	19.08	19.30	19.40
		36	39	21.30	18.98	19.15	19.46
		75	0	21.30	18.85	19.16	19.25
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
20MHz	QPSK	1	0	21.30	19.31	19.31	19.27
		1	50	21.30	18.96	19.21	19.41
		1	99	21.30	18.98	19.05	19.02
		50	0	21.30	19.15	19.22	19.43
		50	25	21.30	19.11	19.19	19.45
		50	50	21.30	18.90	19.17	19.23
		100	0	21.30	18.98	19.18	19.31
	16QAM	1	0	21.30	19.68	19.53	20.15
		1	50	21.30	19.57	19.86	20.01
		1	99	21.30	18.83	19.62	19.48
		50	0	21.30	19.07	19.35	19.41
		50	25	21.30	18.90	19.27	19.42
		50	50	21.30	18.88	19.09	19.15
		100	0	21.30	19.00	19.28	19.39
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	20050CH	20175CH	20300CH

Table 23: Conducted power measurement results of LTE Band 4 (Receiver ON/Receiver OFF+WiFi)



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	19957CH	20175CH	20393CH
1.4MHz	QPSK	1	0	20.30	18.26	18.48	18.88
		1	3	20.30	18.28	18.66	18.69
		1	5	20.30	18.24	18.62	18.88
		3	0	20.30	18.33	18.57	18.86
		3	2	20.30	18.35	18.73	18.79
		3	3	20.30	18.19	18.66	18.80
		6	0	20.30	18.30	18.18	18.71
	16QAM	1	0	20.30	18.38	18.88	18.84
		1	3	20.30	18.22	18.81	18.63
		1	5	20.30	18.32	18.83	18.79
		3	0	20.30	18.27	18.86	18.91
		3	2	20.30	18.26	18.84	18.89
		3	3	20.30	18.37	18.66	18.96
		6	0	20.30	18.27	18.68	18.92
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	19965CH	20175CH	20385CH
3MHz	QPSK	1	0	20.30	18.10	18.75	18.75
		1	7	20.30	18.33	18.65	18.81
		1	14	20.30	18.31	18.61	18.73
		8	0	20.30	18.68	18.67	18.85
		8	4	20.30	18.73	18.72	18.91
		8	7	20.30	18.23	18.67	18.86
		15	0	20.30	18.62	18.74	18.87
	16QAM	1	0	20.30	18.74	19.11	19.11
		1	7	20.30	18.52	19.07	19.22
		1	14	20.30	18.56	18.92	19.15
		8	0	20.30	18.33	18.74	18.81
		8	4	20.30	18.54	18.81	18.91
		8	7	20.30	18.44	18.71	18.71
		15	0	20.30	18.49	18.64	18.82



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	19975CH	20175CH	20375CH
5MHz	QPSK	1	0	20.30	18.47	18.83	18.76
		1	13	20.30	18.35	18.62	18.89
		1	24	20.30	18.14	18.76	18.95
		12	0	20.30	18.42	18.83	18.98
		12	6	20.30	18.35	18.76	18.82
		12	13	20.30	18.42	18.60	18.88
		25	0	20.30	18.37	18.68	18.77
	16QAM	1	0	20.30	18.90	19.24	19.45
		1	13	20.30	18.60	19.00	19.18
		1	24	20.30	18.66	18.85	19.39
		12	0	20.30	18.50	18.73	18.99
		12	6	20.30	18.45	18.79	18.81
		12	13	20.30	18.46	18.76	18.86
		25	0	20.30	18.35	18.75	18.95
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	20000CH	20175CH	20350CH
10MHz	QPSK	1	0	20.30	18.40	18.86	19.06
		1	25	20.30	18.40	18.86	18.74
		1	49	20.30	18.22	18.82	19.12
		25	0	20.30	18.57	18.74	18.87
		25	13	20.30	18.57	18.77	18.97
		25	25	20.30	18.46	18.70	18.97
		50	0	20.30	18.50	18.54	18.93
	16QAM	1	0	20.30	18.65	18.77	19.24
		1	25	20.30	18.54	18.94	19.11
		1	49	20.30	18.70	19.16	19.19
		25	0	20.30	18.44	18.84	18.89
		25	13	20.30	18.45	18.69	19.01
		25	25	20.30	18.32	18.75	18.95
		50	0	20.30	17.95	18.77	18.98

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	20025CH	20175CH	20325CH
15MHz	QPSK	1	0	20.30	18.07	18.29	18.29
		1	38	20.30	18.39	18.88	18.83
		1	74	20.30	18.58	18.84	18.84
		36	0	20.30	18.22	18.51	18.61
		36	18	20.30	18.45	18.73	18.73
		36	39	20.30	18.39	18.82	18.92
		75	0	20.30	18.33	18.61	18.76
	16QAM	1	0	20.30	18.49	18.84	18.71
		1	38	20.30	18.80	18.93	19.13
		1	74	20.30	18.76	18.99	19.20
		36	0	20.30	18.25	18.50	18.58
		36	18	20.30	18.43	18.72	18.90
		36	39	20.30	18.36	18.78	18.88
		75	0	20.30	18.36	18.68	18.75
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
20MHz	QPSK	1	0	20.30	18.52	18.37	18.85
		1	50	20.30	18.37	18.36	18.88
		1	99	20.30	18.27	18.29	18.34
		50	0	20.30	18.50	18.34	18.51
		50	25	20.30	18.41	18.49	18.46
		50	50	20.30	18.23	18.17	18.34
		100	0	20.30	18.38	18.22	18.48
	16QAM	1	0	20.30	19.06	18.88	19.03
		1	50	20.30	18.84	18.57	18.91
		1	99	20.30	18.69	18.72	18.40
		50	0	20.30	18.44	18.35	18.34
		50	25	20.30	18.39	18.17	18.46
		50	50	20.30	18.31	18.10	18.34
		100	0	20.30	18.41	18.20	18.32
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	20050CH	20175CH	20300CH

Table 24: Conducted power measurement results of LTE Band 4 (Receiver OFF/Hotspot ON)

Note: The conducted power of LTE Band 4 is measured with RMS detector.

1.14 Conducted power of LTE Band 4(Main antenna)

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	19957CH	20175CH	20393CH
1.4MHz	QPSK	1	0	24.30	22.03	22.51	22.66
		1	3	24.30	22.04	22.56	22.69
		1	5	24.30	21.87	22.48	22.64
		3	0	24.30	22.08	22.62	22.84
		3	2	24.30	22.05	22.70	22.67
		3	3	24.30	22.08	22.54	22.92
		6	0	23.30	21.07	21.56	21.65
	16QAM	1	0	23.30	21.16	21.54	22.01
		1	3	23.30	21.08	21.68	22.08
		1	5	23.30	21.01	21.56	21.75
		3	0	23.30	21.09	21.45	21.88
		3	2	23.30	21.04	21.76	21.82
		3	3	23.30	21.00	21.63	22.11
		6	0	22.30	19.93	20.60	20.77
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	19965CH	20175CH	20385CH
3MHz	QPSK	1	0	24.30	22.15	22.88	22.91
		1	7	24.30	22.05	22.52	22.90
		1	14	24.30	22.03	22.50	22.74
		8	0	23.30	21.20	21.62	21.76
		8	4	23.30	21.10	21.57	21.86
		8	7	23.30	21.23	21.62	21.75
		15	0	23.30	21.20	21.53	21.80
	16QAM	1	0	23.30	21.35	21.77	21.88
		1	7	23.30	21.32	21.65	22.15
		1	14	23.30	21.25	21.92	21.85
		8	0	22.30	20.18	20.53	20.78
		8	4	22.30	20.22	20.72	20.85
		8	7	22.30	20.20	20.68	20.80
		15	0	22.30	21.13	20.54	20.75



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	19975CH	20175CH	20375CH
5MHz	QPSK	1	0	24.30	22.13	22.77	22.88
		1	13	24.30	22.31	22.54	22.96
		1	24	24.30	21.93	22.70	22.90
		12	0	23.30	21.25	21.59	21.82
		12	6	23.30	21.19	21.58	21.67
		12	13	23.30	21.13	21.50	21.69
	16QAM	25	0	23.30	21.23	21.60	21.79
		1	0	23.30	21.43	21.91	22.22
		1	13	23.30	21.38	21.91	22.24
		1	24	23.30	21.22	21.90	21.87
		12	0	22.30	20.18	20.72	20.87
		12	6	22.30	20.19	20.55	20.81
		12	13	22.30	20.23	20.63	20.81
		25	0	22.30	20.04	20.57	20.75
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	20000CH	20175CH	20350CH
10MHz	QPSK	1	0	24.30	22.40	22.60	22.80
		1	25	24.30	22.11	22.62	23.20
		1	49	24.30	22.28	22.79	23.08
		25	0	23.30	21.27	21.49	21.85
		25	13	23.30	21.14	21.64	21.97
		25	25	23.30	21.13	21.66	22.01
		50	0	23.30	21.23	21.65	21.90
	16QAM	1	0	23.30	21.75	21.81	22.10
		1	25	23.30	21.26	21.91	21.98
		1	49	23.30	21.26	21.92	21.99
		25	0	22.30	20.26	20.58	20.95
		25	13	22.30	20.22	20.73	21.00
		25	25	22.30	20.23	20.60	21.01
		50	0	22.30	20.48	20.68	20.99

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	20025CH	20175CH	20325CH
15MHz	QPSK	1	0	24.30	22.13	22.07	22.21
		1	38	24.30	22.15	22.49	22.62
		1	74	24.30	22.17	22.51	22.89
		36	0	23.30	20.95	21.10	21.54
		36	18	23.30	21.22	21.38	21.76
		36	39	23.30	21.25	21.50	21.84
		75	0	23.30	21.17	21.29	21.57
	16QAM	1	0	23.30	21.09	21.30	21.65
		1	38	23.30	21.58	21.63	22.04
		1	74	23.30	21.44	21.75	22.04
		36	0	22.30	19.80	20.25	20.61
		36	18	22.30	20.22	20.55	20.83
		36	39	22.30	20.16	20.54	20.83
		75	0	22.30	20.07	20.42	20.64
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	20050CH	20175CH	20300CH
20MHz	QPSK	1	0	24.30	22.31	22.71	22.78
		1	50	24.30	22.24	22.45	23.24
		1	99	24.30	21.98	22.23	22.41
		50	0	23.30	21.29	21.44	21.88
		50	25	23.30	21.32	21.45	21.74
		50	50	23.30	21.14	21.42	21.66
		100	0	23.30	21.42	21.44	21.85
	16QAM	1	0	23.30	21.70	21.96	22.18
		1	50	23.30	21.40	21.86	22.22
		1	99	23.30	21.21	21.60	21.61
		50	0	22.30	20.27	20.47	20.83
		50	25	22.30	20.20	20.57	20.92
		50	50	22.30	20.19	20.54	20.75
		100	0	22.30	20.25	20.51	20.77

Table 25: Conducted power measurement results of LTE Band 4 (Receiver ON/Receiver OFF/Receiver OFF+WiFi)



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	19957CH	20175CH	20393CH
1.4MHz	QPSK	1	0	21.30	19.00	19.26	19.51
		1	3	21.30	19.03	19.56	19.69
		1	5	21.30	18.89	19.52	19.55
		3	0	21.30	18.84	19.56	19.62
		3	2	21.30	19.13	19.59	19.68
		3	3	21.30	19.07	19.54	19.62
		6	0	21.30	18.93	19.38	19.57
	16QAM	1	0	21.30	18.92	19.56	19.89
		1	3	21.30	18.84	19.45	19.78
		1	5	21.30	18.96	19.44	19.61
		3	0	21.30	19.22	19.55	19.74
		3	2	21.30	18.89	19.52	19.70
		3	3	21.30	19.17	19.57	19.78
		6	0	21.30	18.93	19.51	19.66
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	19965CH	20175CH	20385CH
3MHz	QPSK	1	0	21.30	19.19	19.42	19.64
		1	7	21.30	19.13	19.54	19.68
		1	14	21.30	19.01	19.50	19.32
		8	0	21.30	19.03	19.41	19.62
		8	4	21.30	19.16	19.47	19.63
		8	7	21.30	19.10	19.56	19.45
		15	0	21.30	19.12	19.45	19.07
	16QAM	1	0	21.30	19.16	19.67	19.76
		1	7	21.30	19.29	19.69	19.80
		1	14	21.30	19.31	19.86	19.95
		8	0	21.30	19.09	19.42	19.74
		8	4	21.30	19.04	19.53	19.62
		8	7	21.30	19.05	19.53	19.65
		15	0	21.30	18.96	19.45	19.68



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	19975CH	20175CH	20375CH
5MHz	QPSK	1	0	21.30	19.16	19.46	19.87
		1	13	21.30	19.25	19.70	19.79
		1	24	21.30	19.23	19.34	19.74
		12	0	21.30	19.17	19.58	19.79
		12	6	21.30	19.12	19.58	19.66
		12	13	21.30	19.07	19.41	19.61
		25	0	21.30	19.05	19.51	19.71
	16QAM	1	0	21.30	19.65	19.97	20.37
		1	13	21.30	19.48	19.81	20.07
		1	24	21.30	19.29	19.69	20.12
		12	0	21.30	19.27	19.59	19.77
		12	6	21.30	19.20	19.54	19.68
		12	13	21.30	19.21	19.51	19.72
		25	0	21.30	19.04	19.56	19.71
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	20000CH	20175CH	20350CH
10MHz	QPSK	1	0	21.30	19.21	19.51	19.79
		1	25	21.30	19.00	19.48	19.86
		1	49	21.30	19.04	19.49	19.85
		25	0	21.30	19.06	19.48	19.76
		25	13	21.30	19.06	19.13	19.78
		25	25	21.30	19.03	19.42	19.92
		50	0	21.30	19.11	19.64	19.91
	16QAM	1	0	21.30	19.39	19.88	19.78
		1	25	21.30	19.34	19.72	19.96
		1	49	21.30	19.42	19.56	19.95
		25	0	21.30	19.12	19.43	19.77
		25	13	21.30	19.10	19.59	19.82
		25	25	21.30	18.98	19.51	19.83
		50	0	21.30	19.16	19.55	19.81

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	20025CH	20175CH	20325CH
15MHz	QPSK	1	0	21.30	19.04	19.25	19.30
		1	38	21.30	19.37	19.49	19.82
		1	74	21.30	19.21	19.73	19.72
		36	0	21.30	18.85	19.25	19.45
		36	18	21.30	19.13	19.48	19.62
		36	39	21.30	19.16	19.55	19.76
		75	0	21.30	19.12	19.40	19.63
	16QAM	1	0	21.30	19.12	19.39	19.37
		1	38	21.30	19.74	19.74	19.92
		1	74	21.30	19.40	19.96	20.03
		36	0	21.30	18.88	19.25	19.43
		36	18	21.30	19.16	19.49	19.66
		36	39	21.30	19.21	19.60	19.67
		75	0	21.30	19.05	19.42	19.68
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	20050CH	20175CH	20300CH
20MHz	QPSK	1	0	21.30	19.34	19.32	19.43
		1	50	21.30	19.17	19.48	19.59
		1	99	21.30	19.10	19.20	19.46
		50	0	21.30	19.24	19.38	19.64
		50	25	21.30	19.18	19.37	19.63
		50	50	21.30	19.08	19.43	19.61
		100	0	21.30	19.22	19.31	19.63
	16QAM	1	0	21.30	19.82	19.80	20.03
		1	50	21.30	19.58	19.82	20.22
		1	99	21.30	19.54	19.63	19.97
		50	0	21.30	19.26	19.59	19.69
		50	25	21.30	19.17	19.60	19.69
		50	50	21.30	19.01	19.38	19.71
		100	0	21.30	19.13	19.40	19.63

Table 26: Conducted power measurement results of LTE Band 4 (Hotspot ON)

Note: The conducted power of LTE Band 4 is measured with RMS detector.

1.15 Conducted power of LTE Band 5(Second antenna)

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	20407CH	20525CH	20643CH
1.4MHz	QPSK	1	0	25.00	24.12	23.62	23.35
		1	3	25.00	24.09	23.59	23.17
		1	5	25.00	23.73	23.69	23.29
		3	0	25.00	23.99	23.79	23.33
		3	2	25.00	24.05	23.77	23.64
		3	3	25.00	23.96	23.70	23.16
		6	0	24.00	23.08	22.69	22.38
	16QAM	1	0	24.00	23.11	23.00	22.41
		1	3	24.00	23.09	23.04	22.50
		1	5	24.00	22.71	22.66	22.50
		3	0	24.00	22.75	22.75	22.19
		3	2	24.00	22.91	22.69	22.94
		3	3	24.00	22.87	22.65	22.45
		6	0	23.00	21.78	21.67	21.26
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	20415CH	20525CH	20635CH
3MHz	QPSK	1	0	25.00	24.02	24.07	23.43
		1	7	25.00	24.09	24.02	23.62
		1	14	25.00	23.95	23.92	23.38
		8	0	24.00	23.02	22.95	22.57
		8	4	24.00	23.05	22.97	22.57
		8	7	24.00	23.06	22.88	22.46
		15	0	24.00	23.08	22.87	22.56
	16QAM	1	0	24.00	23.22	23.28	22.43
		1	7	24.00	23.14	23.04	22.75
		1	14	24.00	23.10	23.14	22.65
		8	0	23.00	21.92	21.93	21.55
		8	4	23.00	22.13	21.96	21.61
		8	7	23.00	22.09	21.92	21.58
		15	0	23.00	21.82	21.97	21.47

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	20425CH	20525CH	20625CH
5MHz	QPSK	1	0	25.00	24.07	24.07	23.41
		1	13	25.00	23.89	23.89	23.84
		1	24	25.00	23.95	23.89	23.22
		12	0	24.00	23.07	23.00	22.56
		12	6	24.00	22.96	23.04	22.52
		12	13	24.00	22.97	22.85	22.46
		25	0	24.00	23.04	22.90	22.46
	16QAM	1	0	24.00	23.15	23.06	22.82
		1	13	24.00	23.13	23.27	22.88
		1	24	24.00	23.06	23.13	22.71
		12	0	23.00	22.03	22.07	21.65
		12	6	23.00	22.02	21.99	21.51
		12	13	23.00	22.07	21.99	21.50
		25	0	23.00	21.97	22.00	21.49
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	20450CH	20525CH	20600CH
10MHz	QPSK	1	0	25.00	24.12	23.78	23.35
		1	25	25.00	23.59	23.77	23.19
		1	49	25.00	24.27	24.26	23.74
		25	0	24.00	22.71	22.81	22.18
		25	13	24.00	22.70	22.78	22.35
		25	25	24.00	22.92	22.74	22.40
		50	0	24.00	22.76	22.82	22.84
	16QAM	1	0	24.00	23.19	23.02	22.59
		1	25	24.00	22.67	22.81	22.25
		1	49	24.00	23.37	23.50	22.88
		25	0	23.00	21.77	21.83	21.15
		25	13	23.00	21.71	21.71	21.29
		25	25	23.00	21.86	21.86	21.28
		50	0	23.00	21.76	21.74	21.25

Table 27: Conducted power measurement results of LTE Band 5

Note: The conducted power of LTE Band 5 is measured with RMS detector.

1.16 Conducted power of LTE Band 5(Main antenna)

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	20407CH	20525CH	20643CH
1.4MHz	QPSK	1	0	25.00	23.93	23.92	23.46
		1	3	25.00	23.95	24.00	23.47
		1	5	25.00	23.95	23.74	23.30
		3	0	25.00	24.19	24.03	23.39
		3	2	25.00	24.16	23.85	23.69
		3	3	25.00	23.99	23.96	23.50
		6	0	24.00	23.04	22.82	22.88
	16QAM	1	0	24.00	23.16	22.95	22.41
		1	3	24.00	23.40	23.00	22.74
		1	5	24.00	22.65	22.77	22.81
		3	0	24.00	22.97	22.86	22.37
		3	2	24.00	22.92	22.99	22.69
		3	3	24.00	22.82	22.76	22.34
		6	0	23.00	21.84	21.78	21.39
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	20415CH	20525CH	20635CH
3MHz	QPSK	1	0	25.00	23.90	23.82	23.40
		1	7	25.00	23.85	23.74	23.27
		1	14	25.00	23.72	23.69	23.37
		8	0	24.00	22.90	22.79	22.28
		8	4	24.00	22.91	22.82	22.31
		8	7	24.00	22.86	22.70	22.51
		15	0	24.00	22.89	22.82	22.30
	16QAM	1	0	24.00	23.18	23.14	22.53
		1	7	24.00	22.91	23.15	22.58
		1	14	24.00	22.85	22.76	22.29
		8	0	23.00	21.97	21.97	21.36
		8	4	23.00	22.01	21.86	21.50
		8	7	23.00	22.11	21.86	21.40
		15	0	23.00	21.63	21.89	21.44

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	20425CH	20525CH	20625CH
5MHz	QPSK	1	0	25.00	23.90	23.79	23.36
		1	13	25.00	23.77	23.79	23.37
		1	24	25.00	23.90	23.72	23.41
		12	0	24.00	22.94	22.82	22.31
		12	6	24.00	22.75	22.77	22.48
		12	13	24.00	22.83	22.87	22.20
		25	0	24.00	22.94	22.83	22.31
	16QAM	1	0	24.00	23.09	23.16	22.72
		1	13	24.00	23.04	22.94	22.78
		1	24	24.00	22.96	22.86	22.40
		12	0	23.00	21.75	21.98	21.52
		12	6	23.00	21.82	21.90	21.55
		12	13	23.00	21.89	21.89	21.46
		25	0	23.00	21.85	21.91	21.53
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	20450CH	20525CH	20600CH
10MHz	QPSK	1	0	25.00	24.13	23.74	23.30
		1	25	25.00	23.80	23.48	22.93
		1	49	25.00	24.15	24.11	23.73
		25	0	24.00	22.58	22.58	22.09
		25	13	24.00	22.50	22.51	22.17
		25	25	24.00	22.77	22.72	22.40
		50	0	24.00	22.60	22.68	22.40
	16QAM	1	0	24.00	23.03	22.92	22.38
		1	25	24.00	22.82	22.73	22.14
		1	49	24.00	23.17	23.14	22.64
		25	0	23.00	21.63	21.57	21.02
		25	13	23.00	21.45	21.62	21.18
		25	25	23.00	21.63	21.75	21.13
		50	0	23.00	21.48	21.55	21.21

Table 28: Conducted power measurement results of LTE Band 5 (Receiver ON/Receiver OFF/Receiver OFF+WiFi)



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	20407CH	20525CH	20643CH
1.4MHz	QPSK	1	0	24.00	22.88	22.97	22.54
		1	3	24.00	23.07	22.84	22.44
		1	5	24.00	22.67	22.93	22.52
		3	0	24.00	22.82	23.05	22.47
		3	2	24.00	22.97	22.89	22.69
		3	3	24.00	22.22	22.92	22.52
		6	0	24.00	22.85	22.86	22.38
	16QAM	1	0	24.00	22.96	22.84	22.61
		1	3	24.00	23.39	22.80	22.58
		1	5	24.00	22.77	22.79	22.29
		3	0	24.00	22.81	22.91	22.50
		3	2	24.00	23.00	23.03	22.58
		3	3	24.00	22.85	22.82	22.57
		6	0	23.00	21.84	21.81	21.31
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	20415CH	20525CH	20635CH
3MHz	QPSK	1	0	24.00	22.99	22.66	22.51
		1	7	24.00	22.90	22.93	22.52
		1	14	24.00	22.81	22.83	22.53
		8	0	24.00	22.73	22.88	22.43
		8	4	24.00	22.81	22.82	22.36
		8	7	24.00	22.92	22.80	22.44
		15	0	24.00	22.80	22.82	22.57
	16QAM	1	0	24.00	23.06	23.05	22.68
		1	7	24.00	23.09	22.97	22.63
		1	14	24.00	23.15	23.17	22.72
		8	0	23.00	21.74	21.93	21.62
		8	4	23.00	21.87	21.99	21.45
		8	7	23.00	21.75	21.77	21.48
		15	0	23.00	21.73	21.84	21.42

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	20425CH	20525CH	20625CH
5MHz	QPSK	1	0	24.00	22.93	22.74	22.24
		1	13	24.00	22.94	22.87	22.57
		1	24	24.00	22.80	23.01	22.46
		12	0	24.00	22.85	22.88	22.67
		12	6	24.00	22.98	22.84	22.53
		12	13	24.00	22.97	22.86	22.34
		25	0	24.00	22.83	22.81	22.48
	16QAM	1	0	24.00	23.10	23.07	22.66
		1	13	24.00	23.19	23.30	22.65
		1	24	24.00	23.01	23.16	22.80
		12	0	23.00	21.88	21.70	21.69
		12	6	23.00	21.98	21.84	21.49
		12	13	23.00	21.95	21.93	21.50
		25	0	23.00	21.88	21.97	21.53
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	20450CH	20525CH	20600CH
10MHz	QPSK	1	0	24.00	22.91	22.93	22.46
		1	25	24.00	22.50	22.46	22.03
		1	49	24.00	23.27	23.23	22.82
		25	0	24.00	22.64	22.67	21.96
		25	13	24.00	22.60	22.47	22.16
		25	25	24.00	22.96	22.93	22.43
		50	0	24.00	22.54	22.62	22.37
	16QAM	1	0	24.00	23.00	22.91	22.42
		1	25	24.00	22.61	22.63	22.20
		1	49	24.00	23.40	23.53	22.96
		25	0	23.00	21.64	21.64	21.14
		25	13	23.00	21.80	21.66	21.24
		25	25	23.00	21.82	21.76	21.43
		50	0	23.00	21.72	21.72	21.41

Table 29: Conducted power measurement results of LTE Band 5 (Hotspot ON)

Note: The conducted power of LTE Band 5 is measured with RMS detector.

1.17 Conducted power of LTE Band 7(Main antenna)

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	20775CH	21100CH	21425CH
5MHz	QPSK	1	0	24.00	23.79	23.62	23.54
		1	13	24.00	23.59	23.73	23.50
		1	24	24.00	23.55	23.55	23.42
		12	0	23.00	22.56	22.70	22.51
		12	6	23.00	22.68	22.63	22.47
		12	13	23.00	22.66	22.56	22.49
		25	0	23.00	22.61	22.58	22.45
	16QAM	1	0	23.00	22.95	22.64	22.39
		1	13	23.00	22.86	22.82	22.75
		1	24	23.00	22.35	22.76	22.86
		12	0	22.00	21.70	21.66	21.56
		12	6	22.00	21.70	21.64	21.58
		12	13	22.00	21.76	21.63	21.50
		25	0	22.00	21.63	21.59	21.46
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	20800CH	21100CH	21400CH
10MHz	QPSK	1	0	24.00	23.32	23.29	23.13
		1	25	24.00	23.71	23.66	23.54
		1	49	24.00	22.86	23.57	23.29
		25	0	23.00	22.62	22.70	22.56
		25	13	23.00	22.76	22.67	22.61
		25	25	23.00	22.73	22.66	22.35
		50	0	23.00	22.72	22.63	22.59
	16QAM	1	0	23.00	22.36	22.67	22.43
		1	25	23.00	22.78	22.68	22.59
		1	49	23.00	22.12	22.82	22.70
		25	0	22.00	21.66	21.64	21.57
		25	13	22.00	21.67	21.62	21.52
		25	25	22.00	21.64	21.69	21.40
		50	0	22.00	21.70	21.53	21.51

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	20825CH	21100CH	21375CH
15MHz	QPSK	1	0	24.00	23.38	23.17	23.05
		1	38	24.00	23.55	23.53	23.52
		1	74	24.00	22.44	23.20	23.07
		36	0	23.00	22.64	22.66	22.69
		36	18	23.00	22.76	22.68	22.62
		36	39	23.00	22.71	22.76	22.60
		75	0	23.00	22.72	22.75	22.64
	16QAM	1	0	23.00	22.32	22.54	22.36
		1	38	23.00	22.70	22.92	22.72
		1	74	23.00	21.86	22.45	22.37
		36	0	22.00	21.60	21.74	21.59
		36	18	22.00	21.63	21.69	21.69
		36	39	22.00	21.68	21.83	21.68
		75	0	22.00	21.70	21.79	21.61
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	20850CH	21100CH	21350CH
20MHz	QPSK	1	0	24.00	22.69	22.74	22.74
		1	50	24.00	22.45	22.75	22.69
		1	99	24.00	22.25	22.51	22.80
		50	0	23.00	22.54	22.57	22.56
		50	25	23.00	22.56	22.52	22.67
		50	50	23.00	22.58	22.64	22.70
		100	0	23.00	22.63	22.59	22.66
	16QAM	1	0	23.00	22.82	22.32	22.42
		1	50	23.00	22.83	22.43	22.58
		1	99	23.00	21.67	22.97	23.00
		50	0	22.00	21.43	21.57	21.53
		50	25	22.00	21.67	21.60	21.62
		50	50	22.00	21.68	21.72	21.72
		100	0	22.00	21.62	21.66	21.69

Table 30: Conducted power measurement results of LTE Band 7

Note: The conducted power of LTE Band 7 is measured with RMS detector.

1.18 Conducted power of LTE Band 7(Third antenna)

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	20775CH	21100CH	21425CH
5MHz	QPSK	1	0	21.00	20.39	20.25	20.16
		1	13	21.00	20.18	20.04	19.96
		1	24	21.00	20.08	20.20	19.91
		12	0	21.00	20.10	20.12	20.04
		12	6	21.00	20.16	20.07	19.95
		12	13	21.00	20.13	20.05	19.88
	16QAM	25	0	21.00	20.13	20.15	19.98
		1	0	21.00	20.58	20.26	20.59
		1	13	21.00	20.57	20.51	20.17
		1	24	21.00	20.33	20.48	20.39
		12	0	21.00	20.27	20.22	20.00
		12	6	21.00	20.15	20.15	20.09
		12	13	21.00	20.20	20.15	19.94
		25	0	21.00	20.26	20.04	20.11
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	20800CH	21100CH	21400CH
10MHz	QPSK	1	0	21.00	20.45	20.37	20.33
		1	25	21.00	20.11	20.24	19.99
		1	49	21.00	20.33	20.35	20.10
		25	0	21.00	20.12	20.23	20.04
		25	13	21.00	20.13	20.12	20.00
		25	25	21.00	20.24	20.20	19.94
		50	0	21.00	20.22	20.17	19.95
	16QAM	1	0	21.00	20.70	20.60	20.40
		1	25	21.00	20.19	20.07	20.24
		1	49	21.00	20.45	20.54	20.14
		25	0	21.00	20.19	20.27	20.11
		25	13	21.00	20.22	20.14	20.03
		25	25	21.00	20.16	20.16	19.96
		50	0	21.00	20.21	20.12	19.98

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	20825CH	21100CH	21375CH
15MHz	QPSK	1	0	21.00	19.57	19.82	19.65
		1	38	21.00	20.12	19.98	19.86
		1	74	21.00	19.93	19.81	19.74
		36	0	21.00	20.12	20.18	20.08
		36	18	21.00	20.31	20.27	20.12
		36	39	21.00	20.29	20.22	20.14
		75	0	21.00	20.18	20.29	20.10
	16QAM	1	0	21.00	19.88	19.91	19.66
		1	38	21.00	20.24	20.10	20.21
		1	74	21.00	19.94	20.11	19.87
		36	0	21.00	20.11	20.24	20.12
		36	18	21.00	20.08	20.23	20.14
		36	39	21.00	20.23	20.17	20.19
		75	0	21.00	20.29	20.25	20.16
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	20850CH	21100CH	21350CH
20MHz	QPSK	1	0	21.00	19.83	19.98	19.95
		1	50	21.00	20.16	20.52	20.22
		1	99	21.00	20.44	20.31	20.35
		50	0	21.00	20.08	20.10	20.05
		50	25	21.00	20.20	20.10	20.19
		50	50	21.00	20.21	20.30	20.16
		100	0	21.00	20.21	20.10	20.08
	16QAM	1	0	21.00	20.36	20.18	20.30
		1	50	21.00	20.21	20.60	20.55
		1	99	21.00	20.61	20.55	20.64
		50	0	21.00	20.06	20.10	20.05
		50	25	21.00	20.13	20.08	20.21
		50	50	21.00	20.18	20.20	20.14
		100	0	21.00	20.21	20.16	20.16

Table 31: Conducted power measurement results of LTE Band 7 (Receiver ON)



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	20775CH	21100CH	21425CH
5MHz	QPSK	1	0	22.50	21.82	21.66	21.51
		1	13	22.50	21.66	21.67	21.59
		1	24	22.50	21.57	21.64	21.38
		12	0	22.50	21.56	21.71	21.46
		12	6	22.50	21.77	21.65	21.45
		12	13	22.50	21.71	21.60	21.51
		25	0	22.50	21.69	21.63	21.54
	16QAM	1	0	22.50	22.11	22.11	21.76
		1	13	22.50	22.03	21.78	21.80
		1	24	22.50	21.85	21.93	21.60
		12	0	22.50	21.73	21.67	21.49
		12	6	22.50	21.78	21.67	21.53
		12	13	22.50	21.75	21.65	21.56
		25	0	22.50	21.75	21.57	21.51
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	20800CH	21100CH	21400CH
10MHz	QPSK	1	0	22.50	22.04	21.78	21.90
		1	25	22.50	21.69	21.69	21.47
		1	49	22.50	21.86	21.93	21.70
		25	0	22.50	21.67	21.68	21.59
		25	13	22.50	21.74	21.67	21.51
		25	25	22.50	21.71	21.66	21.51
		50	0	22.50	21.67	21.62	21.63
	16QAM	1	0	22.50	22.03	21.99	22.03
		1	25	22.50	21.75	21.85	21.55
		1	49	22.50	22.18	22.09	21.72
		25	0	22.50	21.59	21.72	21.64
		25	13	22.50	21.75	21.66	21.58
		25	25	22.50	21.62	21.68	21.47
		50	0	22.50	21.74	21.73	21.47

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	20825CH	21100CH	21375CH
15MHz	QPSK	1	0	22.50	21.11	21.23	21.13
		1	38	22.50	21.53	21.67	21.46
		1	74	22.50	21.26	21.23	21.26
		36	0	22.50	21.59	21.63	21.67
		36	18	22.50	21.73	21.74	21.61
		36	39	22.50	21.69	21.75	21.61
		75	0	22.50	21.72	21.74	21.62
	16QAM	1	0	22.50	21.65	21.50	21.26
		1	38	22.50	21.76	21.94	21.64
		1	74	22.50	21.51	21.28	21.38
		36	0	22.50	21.59	21.64	21.61
		36	18	22.50	21.63	21.70	21.59
		36	39	22.50	21.77	21.71	21.67
		75	0	22.50	21.75	21.76	21.67
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	20850CH	21100CH	21350CH
20MHz	QPSK	1	0	22.50	21.39	21.42	21.50
		1	50	22.50	21.46	21.44	21.42
		1	99	22.50	21.48	21.33	21.51
		50	0	22.50	21.75	21.60	21.55
		50	25	22.50	21.59	21.76	21.73
		50	50	22.50	21.72	21.74	21.77
		100	0	22.50	21.76	21.66	21.67
	16QAM	1	0	22.50	21.87	21.76	21.59
		1	50	22.50	22.02	22.02	22.22
		1	99	22.50	21.47	22.05	21.97
		50	0	22.50	21.53	21.70	21.60
		50	25	22.50	21.58	21.72	21.67
		50	50	22.50	21.71	21.83	21.67
		100	0	22.50	21.62	21.76	21.71

Table 32: Conducted power measurement results of LTE Band 7 (Receiver OFF)



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	20775CH	21100CH	21425CH
5MHz	QPSK	1	0	20.50	19.93	19.67	19.71
		1	13	20.50	19.81	19.80	19.53
		1	24	20.50	19.70	19.76	19.49
		12	0	20.50	19.60	19.69	19.62
		12	6	20.50	19.62	19.64	19.52
		12	13	20.50	19.75	19.60	19.44
		25	0	20.50	19.59	19.72	19.54
	16QAM	1	0	20.50	20.06	20.13	20.05
		1	13	20.50	19.77	20.14	19.81
		1	24	20.50	20.01	19.85	19.82
		12	0	20.50	19.78	19.70	19.64
		12	6	20.50	19.76	19.66	19.55
		12	13	20.50	19.79	19.63	19.48
		25	0	20.50	19.73	19.62	19.62
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	20800CH	21100CH	21400CH
10MHz	QPSK	1	0	20.50	20.02	19.98	19.73
		1	25	20.50	19.69	19.61	19.64
		1	49	20.50	19.75	19.88	19.62
		25	0	20.50	19.69	19.78	19.59
		25	13	20.50	19.71	19.78	19.54
		25	25	20.50	19.67	19.75	19.49
		50	0	20.50	19.74	19.73	19.60
	16QAM	1	0	20.50	20.28	19.85	19.99
		1	25	20.50	19.86	19.69	19.82
		1	49	20.50	20.14	20.03	20.01
		25	0	20.50	19.60	19.68	19.63
		25	13	20.50	19.73	19.64	19.52
		25	25	20.50	19.68	19.61	19.45
		50	0	20.50	19.68	19.59	19.57

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	20825CH	21100CH	21375CH
15MHz	QPSK	1	0	20.50	19.20	19.29	19.22
		1	38	20.50	19.52	19.75	19.49
		1	74	20.50	19.30	19.23	19.22
		36	0	20.50	19.70	19.63	19.64
		36	18	20.50	19.73	19.71	19.68
		36	39	20.50	19.77	19.74	19.67
		75	0	20.50	19.70	19.73	19.67
	16QAM	1	0	20.50	19.69	19.67	19.70
		1	38	20.50	19.96	19.92	19.72
		1	74	20.50	19.59	19.63	19.36
		36	0	20.50	19.62	19.67	19.68
		36	18	20.50	19.78	19.73	19.73
		36	39	20.50	19.78	19.77	19.66
		75	0	20.50	19.76	19.73	19.71
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	20850CH	21100CH	21350CH
20MHz	QPSK	1	0	20.50	19.32	19.58	19.60
		1	50	20.50	19.65	19.74	19.78
		1	99	20.50	19.94	20.08	20.02
		50	0	20.50	19.67	19.73	19.62
		50	25	20.50	19.74	19.70	19.71
		50	50	20.50	19.78	19.74	19.72
		100	0	20.50	19.69	19.74	19.69
	16QAM	1	0	20.50	19.76	19.99	19.75
		1	50	20.50	19.72	20.09	20.03
		1	99	20.50	20.32	20.38	20.21
		50	0	20.50	19.61	19.69	19.62
		50	25	20.50	19.58	19.72	19.70
		50	50	20.50	19.62	19.74	19.77
		100	0	20.50	19.65	19.73	19.66

Table 33: Conducted power measurement results of LTE Band 7 (Hotspot ON)



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	20775CH	21100CH	21425CH
5MHz	QPSK	1	0	21.50	20.74	20.69	20.64
		1	13	21.50	20.88	20.58	20.62
		1	24	21.50	20.80	20.63	20.58
		12	0	21.50	20.61	20.68	20.51
		12	6	21.50	20.70	20.62	20.50
		12	13	21.50	20.74	20.56	20.39
		25	0	21.50	20.63	20.68	20.52
	16QAM	1	0	21.50	21.11	21.26	21.15
		1	13	21.50	21.08	21.02	20.83
		1	24	21.50	20.90	20.90	20.83
		12	0	21.50	20.70	20.72	20.58
		12	6	21.50	20.76	20.67	20.56
		12	13	21.50	20.72	20.63	20.46
		25	0	21.50	20.73	20.65	20.50
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	20800CH	21100CH	21400CH
10MHz	QPSK	1	0	21.50	20.82	20.91	20.93
		1	25	21.50	20.70	20.63	20.47
		1	49	21.50	21.00	20.76	20.65
		25	0	21.50	20.63	20.76	20.53
		25	13	21.50	20.73	20.69	20.49
		25	25	21.50	20.87	20.74	20.52
		50	0	21.50	20.71	20.69	20.54
	16QAM	1	0	21.50	21.22	21.08	20.95
		1	25	21.50	20.71	20.86	20.88
		1	49	21.50	21.03	21.05	20.74
		25	0	21.50	20.65	20.74	20.62
		25	13	21.50	20.82	20.66	20.58
		25	25	21.50	20.66	20.63	20.45
		50	0	21.50	20.81	20.66	20.48

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	20825CH	21100CH	21375CH
15MHz	QPSK	1	0	21.50	20.13	20.25	20.11
		1	38	21.50	20.55	20.66	20.50
		1	74	21.50	20.37	20.34	20.27
		36	0	21.50	20.66	20.72	20.57
		36	18	21.50	20.71	20.75	20.65
		36	39	21.50	20.70	20.76	20.68
		75	0	21.50	20.77	20.77	20.62
	16QAM	1	0	21.50	20.46	20.57	20.57
		1	38	21.50	20.96	20.94	20.68
		1	74	21.50	20.58	20.36	20.38
		36	0	21.50	20.68	20.69	20.62
		36	18	21.50	20.75	20.71	20.60
		36	39	21.50	20.74	20.70	20.65
		75	0	21.50	20.78	20.76	20.66
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	20850CH	21100CH	21350CH
20MHz	QPSK	1	0	21.50	20.31	20.51	20.60
		1	50	21.50	20.72	21.07	20.75
		1	99	21.50	20.88	21.00	21.07
		50	0	21.50	20.69	20.68	20.68
		50	25	21.50	20.62	20.73	20.77
		50	50	21.50	20.64	20.74	20.78
		100	0	21.50	20.82	20.70	20.75
	16QAM	1	0	21.50	20.69	20.80	20.99
		1	50	21.50	20.92	20.88	21.03
		1	99	21.50	21.33	21.18	21.13
		50	0	21.50	20.53	20.75	20.61
		50	25	21.50	20.71	20.75	20.72
		50	50	21.50	20.75	20.73	20.71
		100	0	21.50	20.62	20.75	20.76

Table 34: Conducted power measurement results of LTE Band 7 (Receiver OFF+WiFi)

Note: The conducted power of LTE Band 7 is measured with RMS detector.

1.19 Conducted power of LTE Band 12(Second antenna)

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	23017CH	23095CH	23173CH
1.4MHz	QPSK	1	0	25.00	23.39	23.41	23.53
		1	3	25.00	23.46	23.68	23.71
		1	5	25.00	23.26	23.38	23.71
		3	0	25.00	23.51	23.43	23.59
		3	2	25.00	23.70	23.49	23.70
		3	3	25.00	23.29	23.47	23.26
	16QAM	6	0	24.00	22.38	22.46	22.39
		1	0	24.00	22.55	22.75	22.81
		1	3	24.00	22.60	22.92	23.10
		1	5	24.00	22.42	22.57	22.82
		3	0	24.00	22.51	22.49	22.68
		3	2	24.00	22.61	22.81	22.95
		3	3	24.00	22.23	22.53	22.53
		6	0	23.00	21.66	21.65	21.52
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	23025CH	23095CH	23165CH
3MHz	QPSK	1	0	25.00	23.64	23.93	23.89
		1	7	25.00	23.50	24.08	23.92
		1	14	25.00	23.51	23.72	24.03
		8	0	24.00	22.70	22.82	22.90
		8	4	24.00	22.60	22.91	22.89
		8	7	24.00	22.58	22.88	22.84
		15	0	24.00	22.53	22.79	22.81
	16QAM	1	0	24.00	22.71	23.02	23.25
		1	7	24.00	22.77	23.02	23.32
		1	14	24.00	22.62	22.87	23.05
		8	0	23.00	21.65	21.79	21.99
		8	4	23.00	21.59	21.82	22.03
		8	7	23.00	21.53	21.85	21.82
		15	0	23.00	21.51	21.78	21.93

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	23035CH	23095CH	23155CH
5MHz	QPSK	1	0	25.00	23.93	23.92	24.01
		1	13	25.00	23.62	23.77	23.89
		1	24	25.00	23.63	23.92	24.03
		12	0	24.00	22.67	22.84	22.88
		12	6	24.00	22.64	22.81	22.97
		12	13	24.00	22.64	22.74	22.88
		25	0	24.00	22.79	22.90	22.87
	16QAM	1	0	24.00	23.04	23.14	23.18
		1	13	24.00	22.91	23.06	23.10
		1	24	24.00	22.78	23.05	23.02
		12	0	23.00	21.69	21.93	21.98
		12	6	23.00	21.74	21.95	22.02
		12	13	23.00	21.74	21.87	21.93
		25	0	23.00	21.73	21.82	21.96
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	23060CH	23095CH	23130CH
10MHz	QPSK	1	0	25.00	23.77	23.83	24.24
		1	25	25.00	23.87	24.18	24.03
		1	49	25.00	23.84	24.15	24.06
		25	0	24.00	22.84	22.86	22.88
		25	13	24.00	22.73	22.90	22.94
		25	25	24.00	22.87	22.92	22.87
		50	0	24.00	22.85	22.87	22.92
	16QAM	1	0	24.00	23.12	22.98	23.06
		1	25	24.00	22.71	22.82	23.06
		1	49	24.00	23.08	23.07	23.10
		25	0	23.00	21.82	21.91	21.85
		25	13	23.00	21.80	22.01	21.97
		25	25	23.00	21.83	21.87	21.86
		50	0	23.00	21.73	21.80	21.78

Table 35: Conducted power measurement results of LTE Band 12

Note: The conducted power of LTE Band 12 is measured with RMS detector.

1.20 Conducted power of LTE Band 12(Main antenna)

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	23017CH	23095CH	23173CH
1.4MHz	QPSK	1	0	25.00	23.24	23.39	23.51
		1	3	25.00	23.39	23.47	23.60
		1	5	25.00	23.31	23.51	23.54
		3	0	25.00	23.40	23.58	24.01
		3	2	25.00	23.57	23.57	23.82
		3	3	25.00	23.43	23.53	23.66
	16QAM	6	0	24.00	22.37	22.53	22.64
		1	0	24.00	22.59	22.73	22.52
		1	3	24.00	22.60	22.74	22.63
		1	5	24.00	22.35	22.74	23.02
		3	0	24.00	22.29	22.54	22.86
		3	2	24.00	22.51	22.57	22.51
		3	3	24.00	22.15	22.65	22.55
		6	0	23.00	21.23	21.64	21.68
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	23025CH	23095CH	23165CH
3MHz	QPSK	1	0	25.00	23.29	23.62	23.82
		1	7	25.00	23.33	23.67	23.69
		1	14	25.00	23.34	23.39	23.53
		8	0	24.00	22.45	22.64	22.81
		8	4	24.00	22.38	22.73	22.77
		8	7	24.00	22.38	22.69	22.97
		15	0	24.00	22.37	22.60	22.64
	16QAM	1	0	24.00	22.60	22.92	23.02
		1	7	24.00	22.58	22.92	22.80
		1	14	24.00	22.58	22.70	22.90
		8	0	23.00	21.39	21.74	22.00
		8	4	23.00	21.43	21.71	21.86
		8	7	23.00	21.38	21.66	21.79
		15	0	23.00	21.42	21.64	21.60

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	23035CH	23095CH	23155CH
5MHz	QPSK	1	0	25.00	23.63	23.67	23.75
		1	13	25.00	23.48	23.57	23.76
		1	24	25.00	23.40	23.40	23.59
		12	0	24.00	22.50	22.62	22.78
		12	6	24.00	22.60	22.64	22.78
		12	13	24.00	22.62	22.47	22.57
	16QAM	25	0	24.00	22.56	22.61	22.68
		1	0	24.00	22.76	23.04	22.96
		1	13	24.00	22.71	22.95	22.97
		1	24	24.00	22.72	22.93	22.73
		12	0	23.00	21.58	21.83	21.92
		12	6	23.00	21.58	21.79	21.91
		12	13	23.00	21.58	21.66	21.84
		25	0	23.00	21.37	21.69	21.76
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	23060CH	23095CH	23130CH
10MHz	QPSK	1	0	25.00	23.69	24.01	23.77
		1	25	25.00	23.68	23.93	23.63
		1	49	25.00	23.64	22.66	23.76
		25	0	24.00	22.72	22.72	22.54
		25	13	24.00	22.73	22.81	22.58
		25	25	24.00	22.72	22.69	22.61
		50	0	24.00	22.81	22.77	22.66
	16QAM	1	0	24.00	22.67	22.71	22.92
		1	25	24.00	22.80	22.84	22.81
		1	49	24.00	22.80	22.94	22.86
		25	0	23.00	21.63	21.77	21.77
		25	13	23.00	21.58	21.87	21.82
		25	25	23.00	21.60	21.89	21.80
		50	0	23.00	21.60	21.75	21.82

Table 36: Conducted power measurement results of LTE Band 12

Note: The conducted power of LTE Band 12 is measured with RMS detector.

1.21 Conducted power of LTE Band 17(Second antenna)

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	23755CH	23790CH	23825CH
5MHz	QPSK	1	0	25.00	22.88	23.15	22.77
		1	13	25.00	22.81	22.84	22.77
		1	24	25.00	22.99	22.73	22.82
		12	0	24.00	22.77	22.88	22.73
		12	6	24.00	22.82	22.78	22.74
		12	13	24.00	22.76	22.85	22.71
		25	0	24.00	22.73	22.87	22.76
	16QAM	1	0	24.00	23.37	23.23	23.00
		1	13	24.00	22.93	22.99	22.90
		1	24	24.00	23.12	23.00	22.91
		12	0	23.00	21.88	22.00	21.83
		12	6	23.00	21.91	21.90	21.87
		12	13	23.00	21.84	21.83	21.62
		25	0	23.00	21.81	21.87	21.79
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	23780CH	23790CH	23800CH
10MHz	QPSK	1	0	25.00	23.16	22.86	22.79
		1	25	25.00	22.89	23.04	22.86
		1	49	25.00	22.97	22.80	22.65
		25	0	24.00	22.83	22.88	22.85
		25	13	24.00	22.82	22.85	22.86
		25	25	24.00	22.80	22.92	22.83
		50	0	24.00	22.89	22.85	23.08
	16QAM	1	0	24.00	22.82	23.06	23.11
		1	25	24.00	23.03	22.80	22.77
		1	49	24.00	22.73	23.04	22.92
		25	0	23.00	21.88	21.86	21.90
		25	13	23.00	21.77	21.94	21.88
		25	25	23.00	21.87	21.87	21.86
		50	0	23.00	21.87	21.87	21.81

Table 37: Conducted power measurement results of LTE Band 17

Note: The conducted power of LTE Band 17 is measured with RMS detector.

1.22 Conducted power of LTE Band 17(Main antenna)

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	23755CH	23790CH	23825CH
5MHz	QPSK	1	0	25.00	22.88	22.58	22.72
		1	13	25.00	22.58	23.09	22.78
		1	24	25.00	22.69	22.65	22.81
		12	0	24.00	22.70	22.78	22.78
		12	6	24.00	22.61	22.76	22.68
		12	13	24.00	22.69	22.72	22.57
		25	0	24.00	22.62	22.77	22.61
	16QAM	1	0	24.00	22.96	22.88	23.05
		1	13	24.00	23.09	22.88	22.94
		1	24	24.00	22.88	23.00	22.60
		12	0	23.00	21.81	21.87	21.73
		12	6	23.00	21.72	21.80	21.67
		12	13	23.00	21.73	21.77	21.66
		25	0	23.00	21.64	21.70	21.62
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	23780CH	23790CH	23800CH
10MHz	QPSK	1	0	25.00	22.88	22.73	22.75
		1	25	25.00	22.72	22.71	22.72
		1	49	25.00	22.83	22.96	22.70
		25	0	24.00	22.74	22.71	22.72
		25	13	24.00	22.67	22.77	22.72
		25	25	24.00	22.71	22.71	22.75
		50	0	24.00	22.74	22.76	22.74
	16QAM	1	0	24.00	22.80	22.91	22.78
		1	25	24.00	22.76	22.79	22.63
		1	49	24.00	22.91	22.71	22.97
		25	0	23.00	21.79	21.72	21.63
		25	13	23.00	21.73	21.76	21.68
		25	25	23.00	21.67	21.80	21.70
		50	0	23.00	21.83	21.82	21.70

Table 38: Conducted power measurement results of LTE Band 17

Note: The conducted power of LTE Band 17 is measured with RMS detector.

1.23 Conducted power of LTE Band 26(Second antenna)

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	26697CH	26865CH	27033CH
.1.4MHz	QPSK	1	0	25.00	23.00	23.08	23.07
		1	3	25.00	23.00	23.28	23.00
		1	5	25.00	22.93	23.13	23.11
		3	0	25.00	23.08	23.11	22.66
		3	2	25.00	23.00	23.18	22.98
		3	3	25.00	23.01	23.17	23.04
	16QAM	6	0	24.00	23.07	23.06	22.88
		1	0	24.00	23.22	23.23	22.91
		1	3	24.00	23.03	23.37	23.18
		1	5	24.00	22.99	23.26	22.95
		3	0	24.00	22.85	23.19	22.77
		3	2	24.00	23.16	23.17	23.11
		3	3	24.00	22.95	23.17	23.00
		6	0	23.00	22.07	22.13	21.66
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	26705CH	26865CH	27025CH
3MHz	QPSK	1	0	25.00	23.03	23.29	22.98
		1	7	25.00	23.07	23.17	23.36
		1	14	25.00	22.93	23.29	22.93
		8	0	24.00	22.99	23.23	22.90
		8	4	24.00	23.08	23.23	23.03
		8	7	24.00	22.99	23.24	22.85
		15	0	24.00	22.95	22.94	22.83
	16QAM	1	0	24.00	23.06	23.46	23.09
		1	7	24.00	23.14	23.53	23.34
		1	14	24.00	23.20	23.24	23.41
		8	0	23.00	22.09	22.38	21.88
		8	4	23.00	22.03	22.21	22.05
		8	7	23.00	22.02	22.17	21.98
		15	0	23.00	22.01	22.15	21.93



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	26715CH	26865CH	27015CH
5MHz	QPSK	1	0	25.00	23.13	23.17	22.85
		1	13	25.00	22.96	23.25	22.91
		1	24	25.00	23.07	23.18	23.03
		12	0	24.00	23.08	23.30	22.83
		12	6	24.00	23.12	23.20	23.04
		12	13	24.00	23.07	23.17	22.67
	16QAM	25	0	24.00	23.15	23.26	22.93
		1	0	24.00	23.47	23.59	23.22
		1	13	24.00	23.13	23.38	22.98
		1	24	24.00	23.35	23.13	23.06
		12	0	23.00	22.04	22.32	21.95
		12	6	23.00	22.18	22.26	21.95
		12	13	23.00	22.09	22.32	22.03
		25	0	23.00	22.14	22.25	21.99
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	26750CH	26865CH	26990CH
10MHz	QPSK	1	0	25.00	23.43	23.57	23.05
		1	25	25.00	23.06	23.16	23.07
		1	49	25.00	23.12	23.24	23.29
		25	0	24.00	23.20	23.30	23.04
		25	13	24.00	23.09	23.29	22.97
		25	25	24.00	23.07	23.14	22.94
		50	0	24.00	23.10	23.02	23.02
	16QAM	1	0	24.00	23.41	23.63	23.22
		1	25	24.00	23.29	23.37	23.20
		1	49	24.00	23.22	23.11	23.05
		25	0	23.00	22.24	22.37	22.07
		25	13	23.00	22.13	22.24	21.98
		25	25	23.00	22.08	22.20	21.92
		50	0	23.00	22.20	22.16	22.00

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	26775CH	26865CH	26965CH
15MHz	QPSK	1	0	25.00	23.16	23.49	23.19
		1	38	25.00	23.12	23.13	22.93
		1	74	25.00	23.11	23.15	23.18
		36	0	24.00	23.29	23.37	23.19
		36	18	24.00	23.29	23.30	23.11
		36	39	24.00	23.15	23.14	23.00
		75	0	24.00	23.30	23.28	23.29
	16QAM	1	0	24.00	23.39	23.53	23.54
		1	38	24.00	23.28	23.01	23.40
		1	74	24.00	23.21	23.36	22.95
		36	0	23.00	22.12	22.39	22.20
		36	18	23.00	22.13	22.31	22.05
		36	39	23.00	22.13	22.11	22.06
		75	0	23.00	22.25	22.23	22.29

Table 39: Conducted power measurement results of LTE Band 26

Note: The conducted power of LTE Band 26 is measured with RMS detector.

1.24 Conducted power of LTE Band 26(Main antenna)

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	26697CH	26865CH	27033CH
1.4MHz	QPSK	1	0	25.00	23.06	23.10	22.91
		1	3	25.00	22.99	23.24	23.15
		1	5	25.00	22.92	23.25	22.95
		3	0	25.00	22.84	23.16	23.01
		3	2	25.00	22.95	23.24	22.99
		3	3	25.00	22.95	23.17	23.00
	16QAM	6	0	24.00	22.95	22.88	22.87
		1	0	24.00	23.03	23.17	22.90
		1	3	24.00	23.16	23.44	23.41
		1	5	24.00	22.84	23.19	23.10
		3	0	24.00	22.74	22.91	22.80
		3	2	24.00	22.77	23.10	22.68
		3	3	24.00	22.98	23.15	22.99
		6	0	23.00	22.30	22.15	21.88
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	26705CH	26865CH	27025CH
3MHz	QPSK	1	0	25.00	22.94	23.14	22.80
		1	7	25.00	22.88	23.28	22.90
		1	14	25.00	22.90	23.15	23.01
		8	0	24.00	22.97	23.28	22.82
		8	4	24.00	22.94	23.21	22.68
		8	7	24.00	22.94	23.16	23.03
		15	0	24.00	22.91	23.09	23.08
	16QAM	1	0	24.00	23.10	23.01	23.08
		1	7	24.00	23.09	23.43	23.38
		1	14	24.00	23.07	23.13	23.10
		8	0	23.00	22.10	22.17	21.84
		8	4	23.00	21.96	22.29	21.79
		8	7	23.00	21.89	22.13	21.95
		15	0	23.00	21.89	22.17	21.90



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	26715CH	26865CH	27015CH
5MHz	QPSK	1	0	25.00	22.93	23.22	22.95
		1	13	25.00	22.99	23.30	22.77
		1	24	25.00	22.91	23.30	22.96
		12	0	24.00	22.95	23.13	22.78
		12	6	24.00	22.96	23.15	22.81
		12	13	24.00	22.89	23.21	22.94
	16QAM	25	0	24.00	22.95	23.21	22.80
		1	0	24.00	23.28	23.64	23.04
		1	13	24.00	23.17	22.88	23.24
		1	24	24.00	23.07	23.51	23.32
		12	0	23.00	21.88	22.19	21.90
		12	6	23.00	22.07	22.28	22.02
		12	13	23.00	21.99	22.29	21.86
		25	0	23.00	22.02	22.14	22.01
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	26750CH	26865CH	26990CH
10MHz	QPSK	1	0	25.00	23.07	23.25	23.08
		1	25	25.00	22.86	23.29	23.11
		1	49	25.00	23.25	23.25	23.03
		25	0	24.00	23.11	23.26	22.97
		25	13	24.00	23.00	23.22	22.86
		25	25	24.00	22.93	23.14	22.88
		50	0	24.00	22.99	22.96	22.97
	16QAM	1	0	24.00	23.17	23.54	23.13
		1	25	24.00	22.79	23.46	22.89
		1	49	24.00	23.07	23.16	22.99
		25	0	23.00	22.05	22.39	21.94
		25	13	23.00	21.96	22.23	21.96
		25	25	23.00	21.97	22.19	21.94
		50	0	23.00	22.02	22.20	21.99

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	26765CH	26865CH	26965CH
15MHz	QPSK	1	0	25.00	23.12	23.43	23.17
		1	38	25.00	22.82	22.96	22.90
		1	74	25.00	23.05	22.98	22.89
		36	0	24.00	23.20	23.26	23.13
		36	18	24.00	23.08	23.18	22.92
		36	39	24.00	22.94	23.08	22.96
		75	0	24.00	22.97	23.14	23.15
	16QAM	1	0	24.00	23.36	23.42	23.23
		1	38	24.00	23.01	23.34	23.03
		1	74	24.00	23.22	23.25	23.31
		36	0	23.00	22.12	22.31	22.09
		36	18	23.00	22.04	22.11	21.89
		36	39	23.00	21.94	22.04	21.83
		75	0	23.00	22.07	22.12	22.07

Table 40: Conducted power measurement results of LTE Band 26

Note: The conducted power of LTE Band 26 is measured with RMS detector.

1.25 Conducted power of LTE Band 66(Second antenna)

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	131979CH	132322CH	132665CH
1.4MHz	QPSK	1	0	20.60	19.06	19.30	19.30
		1	3	20.60	19.01	19.38	19.27
		1	5	20.60	19.05	19.23	19.41
		3	0	20.60	18.99	19.37	19.45
		3	2	20.60	19.04	19.45	19.52
		3	3	20.60	19.09	19.38	19.42
		6	0	20.60	18.90	19.33	19.45
	16QAM	1	0	20.60	19.05	19.38	19.29
		1	3	20.60	19.07	19.49	19.44
		1	5	20.60	19.22	19.49	19.39
		3	0	20.60	19.29	19.24	19.51
		3	2	20.60	19.11	19.48	19.45
		3	3	20.60	19.19	19.41	19.42
		6	0	20.60	19.29	19.19	19.51
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
3MHz	QPSK	1	0	20.60	19.27	19.49	19.76
		1	7	20.60	19.03	19.58	19.79
		1	14	20.60	19.19	19.65	19.64
		8	0	20.60	19.23	19.73	19.83
		8	4	20.60	19.32	19.68	19.78
		8	7	20.60	19.20	19.64	19.76
		15	0	20.60	19.16	19.22	19.81
	16QAM	1	0	20.60	19.55	19.97	20.06
		1	7	20.60	19.46	19.89	19.89
		1	14	20.60	19.47	20.06	20.00
		8	0	20.60	19.28	19.80	19.90
		8	4	20.60	19.26	19.68	19.77
		8	7	20.60	19.17	19.65	19.77
		15	0	20.60	19.16	19.58	19.74



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	131997CH	132322CH	132647CH
5MHz	QPSK	1	0	20.60	19.18	19.71	19.94
		1	13	20.60	19.34	19.86	19.81
		1	24	20.60	19.08	19.59	19.78
		12	0	20.60	19.28	19.67	19.89
		12	6	20.60	19.20	19.67	19.80
		12	13	20.60	19.16	19.70	19.76
		25	0	20.60	19.22	19.66	19.88
	16QAM	1	0	20.60	20.01	20.12	20.03
		1	13	20.60	19.72	20.16	20.00
		1	24	20.60	19.48	20.24	19.72
		12	0	20.60	19.23	19.74	19.88
		12	6	20.60	19.27	19.70	19.88
		12	13	20.60	19.19	19.67	19.78
		25	0	20.60	19.11	19.55	19.84
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	132022CH	132322CH	132622CH
10MHz	QPSK	1	0	20.60	19.43	19.69	19.81
		1	25	20.60	19.23	19.53	19.64
		1	49	20.60	19.06	19.70	19.97
		25	0	20.60	19.24	19.63	19.88
		25	13	20.60	19.23	19.61	19.95
		25	25	20.60	19.13	19.76	19.87
		50	0	20.60	19.15	19.73	20.05
	16QAM	1	0	20.60	19.35	19.94	19.85
		1	25	20.60	19.65	19.75	20.14
		1	49	20.60	19.61	20.05	20.10
		25	0	20.60	19.29	19.75	19.86
		25	13	20.60	19.16	19.78	19.91
		25	25	20.60	19.13	19.69	19.81
		50	0	20.60	19.17	19.74	19.93

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	132047CH	132322CH	132597CH
15MHz	QPSK	1	0	20.60	19.25	19.55	19.50
		1	38	20.60	19.25	19.63	19.65
		1	74	20.60	19.40	19.88	19.71
		36	0	20.60	19.11	19.29	19.44
		36	18	20.60	19.32	19.64	19.55
		36	39	20.60	19.37	19.71	19.65
		75	0	20.60	19.21	19.44	19.62
	16QAM	1	0	20.60	19.20	19.40	19.69
		1	38	20.60	19.67	20.06	19.93
		1	74	20.60	19.54	20.08	20.07
		36	0	20.60	19.17	19.33	19.47
		36	18	20.60	19.36	19.55	19.75
		36	39	20.60	19.29	19.60	19.86
		75	0	20.60	19.24	19.43	19.48
				Max.	132072CH	132322CH	132572CH
20MHz	QPSK	1	0	20.60	19.69	19.74	19.87
		1	50	20.60	19.38	19.92	19.77
		1	99	20.60	19.12	19.44	19.37
		50	0	20.60	19.40	19.67	19.80
		50	25	20.60	19.41	19.69	19.69
		50	50	20.60	19.23	19.47	19.58
		100	0	20.60	19.24	19.76	19.74
	16QAM	1	0	20.60	19.77	19.76	20.32
		1	50	20.60	20.14	20.23	19.95
		1	99	20.60	19.15	20.02	19.99
		50	0	20.60	19.46	19.58	19.71
		50	25	20.60	19.39	19.73	19.74
		50	50	20.60	19.18	19.48	19.54
		100	0	20.60	19.28	19.69	19.74

Table 41: Conducted power measurement results of LTE Band 66 (Receiver ON)



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	131979CH	132322CH	132665CH
1.4MHz	QPSK	1	0	19.60	18.76	19.21	19.25
		1	3	19.60	18.47	19.16	19.27
		1	5	19.60	18.62	19.18	19.24
		3	0	19.60	18.70	19.15	19.24
		3	2	19.60	18.78	19.12	19.14
		3	3	19.60	18.74	19.25	19.27
		6	0	19.60	18.58	19.12	19.05
	16QAM	1	0	19.60	18.79	19.29	19.04
		1	3	19.60	18.90	19.12	19.24
		1	5	19.60	18.78	19.05	19.01
		3	0	19.60	18.80	19.27	19.20
		3	2	19.60	19.05	19.03	19.01
		3	3	19.60	18.80	19.12	19.29
		6	0	19.60	18.68	19.19	19.21
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	131987CH	132322CH	132657CH
3MHz	QPSK	1	0	19.60	18.69	19.09	19.04
		1	7	19.60	18.66	19.25	19.14
		1	14	19.60	18.59	19.17	19.27
		8	0	19.60	18.71	19.16	19.16
		8	4	19.60	18.74	19.30	19.27
		8	7	19.60	18.70	19.15	19.16
		15	0	19.60	18.79	18.99	19.25
	16QAM	1	0	19.60	19.04	19.11	19.01
		1	7	19.60	18.93	19.17	19.20
		1	14	19.60	19.06	19.14	19.15
		8	0	19.60	18.71	19.21	19.16
		8	4	19.60	18.71	19.24	19.27
		8	7	19.60	18.68	19.17	19.16
		15	0	19.60	18.72	19.26	19.11



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	131997CH	132322CH	132647CH
5MHz	QPSK	1	0	19.60	18.70	19.22	19.10
		1	13	19.60	18.57	19.14	19.15
		1	24	19.60	18.36	18.93	19.09
		12	0	19.60	18.62	18.95	19.21
		12	6	19.60	18.54	18.98	19.14
		12	13	19.60	18.53	18.92	19.13
		25	0	19.60	18.54	18.97	19.12
	16QAM	1	0	19.60	19.14	19.28	19.04
		1	13	19.60	18.86	19.01	19.00
		1	24	19.60	18.98	19.06	19.20
		12	0	19.60	18.59	19.15	19.20
		12	6	19.60	18.56	19.04	19.12
		12	13	19.60	18.49	18.95	19.03
		25	0	19.60	18.55	18.94	19.15
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	132022CH	132322CH	132622CH
10MHz	QPSK	1	0	19.60	18.70	18.97	19.11
		1	25	19.60	18.39	19.00	18.96
		1	49	19.60	18.48	19.12	18.94
		25	0	19.60	18.58	19.03	19.15
		25	13	19.60	18.59	19.03	19.05
		25	25	19.60	18.51	18.96	19.16
		50	0	19.60	18.49	19.03	19.25
	16QAM	1	0	19.60	18.61	19.22	19.08
		1	25	19.60	18.76	19.06	19.25
		1	49	19.60	18.90	19.15	19.13
		25	0	19.60	18.60	18.94	19.21
		25	13	19.60	18.53	18.92	19.18
		25	25	19.60	18.44	18.86	18.98
		50	0	19.60	18.45	19.02	19.20

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	132047CH	132322CH	132597CH
15MHz	QPSK	1	0	19.60	18.16	18.49	18.48
		1	38	19.60	18.75	18.82	19.02
		1	74	19.60	18.48	19.20	19.11
		36	0	19.60	18.35	18.67	18.67
		36	18	19.60	18.47	18.93	18.81
		36	39	19.60	18.57	19.01	18.87
		75	0	19.60	18.35	18.73	18.78
	16QAM	1	0	19.60	18.66	18.74	19.14
		1	38	19.60	18.86	19.28	19.30
		1	74	19.60	19.11	19.24	19.19
		36	0	19.60	18.31	18.57	18.69
		36	18	19.60	18.66	18.96	18.80
		36	39	19.60	18.58	18.92	18.93
		75	0	19.60	18.50	18.73	18.86
				Max.	132072CH	132322CH	132572CH
20MHz	QPSK	1	0	19.60	18.66	19.21	19.04
		1	50	19.60	18.56	18.93	19.14
		1	99	19.60	18.41	18.88	18.76
		50	0	19.60	18.66	18.94	19.02
		50	25	19.60	18.65	19.05	18.93
		50	50	19.60	18.49	18.87	18.82
		100	0	19.60	18.50	18.82	19.00
	16QAM	1	0	19.60	19.22	19.05	19.07
		1	50	19.60	18.92	19.24	19.13
		1	99	19.60	18.64	19.00	19.05
		50	0	19.60	18.71	18.87	18.97
		50	25	19.60	18.60	19.09	18.94
		50	50	19.60	18.44	18.75	18.91
		100	0	19.60	18.45	18.95	19.09

Table 42: Conducted power measurement results of LTE Band 66 (Receiver OFF/Hotspot ON/Receiver OFF+WiFi)

Note: The conducted power of LTE Band 66 is measured with RMS detector.

1.26 Conducted power of LTE Band 66(Main antenna)

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	131979CH	132322CH	132665CH
1.4MHz	QPSK	1	0	23.60	21.42	22.05	21.66
		1	3	23.60	21.41	22.16	21.64
		1	5	23.60	21.42	22.25	21.56
		3	0	23.60	21.42	22.28	21.81
		3	2	23.60	21.57	22.24	21.81
		3	3	23.60	21.48	22.36	21.66
	16QAM	6	0	23.60	20.37	20.39	20.83
		1	0	23.60	20.74	21.26	20.91
		1	3	23.60	20.71	21.50	20.90
		1	5	23.60	20.70	21.38	20.76
		3	0	23.60	20.34	21.18	20.79
		3	2	23.60	20.33	21.30	20.87
		3	3	23.60	20.53	21.32	20.77
		6	0	21.60	19.41	20.11	19.86
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	131987CH	132322CH	132657CH
3MHz	QPSK	1	0	23.60	21.57	22.38	22.16
		1	7	23.60	21.57	22.16	21.87
		1	14	23.60	21.47	22.37	21.76
		8	0	22.60	20.60	21.25	20.96
		8	4	22.60	20.56	21.28	20.78
		8	7	22.60	20.48	21.16	20.87
		15	0	22.60	20.52	21.24	21.94
	16QAM	1	0	22.60	20.59	21.54	21.18
		1	7	22.60	20.60	21.58	21.19
		1	14	22.60	20.92	21.50	20.87
		8	0	21.60	19.51	20.24	20.01
		8	4	21.60	19.47	20.19	19.97
		8	7	21.60	19.43	20.20	19.93
		15	0	21.60	19.47	20.29	19.99



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	131997CH	132322CH	132647CH
5MHz	QPSK	1	0	23.60	21.63	22.31	21.99
		1	13	23.60	21.50	22.13	21.50
		1	24	23.60	21.62	22.29	21.73
		12	0	22.60	20.58	21.23	20.95
		12	6	22.60	20.51	21.29	21.02
		12	13	22.60	20.49	21.28	20.85
		25	0	22.60	20.56	21.18	20.85
	16QAM	1	0	22.60	20.90	21.73	21.28
		1	13	22.60	20.92	21.80	21.26
		1	24	22.60	21.01	21.61	21.20
		12	0	21.60	19.66	20.39	20.03
		12	6	21.60	19.50	20.22	20.02
		12	13	21.60	19.50	20.30	20.00
		25	0	21.60	19.51	20.28	20.28
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	132022CH	132322CH	132622CH
10MHz	QPSK	1	0	23.60	21.68	22.32	22.21
		1	25	23.60	21.62	22.23	21.88
		1	49	23.60	21.56	22.32	21.63
		25	0	22.60	20.50	21.33	21.10
		25	13	22.60	20.62	21.23	21.09
		25	25	22.60	20.39	21.30	21.12
		50	0	22.60	20.56	21.35	21.15
	16QAM	1	0	22.60	20.64	21.66	21.49
		1	25	22.60	20.87	21.43	21.13
		1	49	22.60	20.78	21.23	20.90
		25	0	21.60	19.52	20.27	20.14
		25	13	21.60	19.58	20.31	19.98
		25	25	21.60	19.52	20.26	20.10
		50	0	21.60	19.55	20.27	20.04

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	132047CH	132322CH	132597CH
15MHz	QPSK	1	0	23.60	21.37	21.69	21.59
		1	38	23.60	21.65	22.20	21.95
		1	74	23.60	21.79	22.33	21.66
		36	0	22.60	20.39	20.74	20.57
		36	18	22.60	20.61	21.16	20.82
		36	39	22.60	20.69	21.29	20.75
		75	0	22.60	20.41	20.95	20.67
	16QAM	1	0	22.60	20.66	21.09	20.97
		1	38	22.60	20.92	21.55	21.17
		1	74	22.60	21.12	21.30	21.02
		36	0	21.60	19.30	19.85	19.72
		36	18	21.60	19.64	20.21	19.89
		36	39	21.60	19.72	20.10	19.67
		75	0	21.60	19.37	19.96	19.72
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	132072CH	132322CH	132572CH
20MHz	QPSK	1	0	23.60	21.71	22.08	21.60
		1	50	23.60	21.62	22.32	21.49
		1	99	23.60	21.20	21.70	21.00
		50	0	22.60	20.53	21.33	21.01
		50	25	22.60	20.50	21.08	20.68
		50	50	22.60	20.57	21.04	20.53
		100	0	22.60	20.48	21.07	21.03
	16QAM	1	0	22.60	21.33	21.43	21.27
		1	50	22.60	21.09	21.23	20.82
		1	99	22.60	20.78	21.24	20.43
		50	0	21.60	19.34	20.12	19.96
		50	25	21.60	19.45	20.14	19.86
		50	50	21.60	19.42	20.08	19.63
		100	0	21.60	19.10	20.01	19.90

Table 43: Conducted power measurement results of LTE Band 66 (Receiver ON)



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	131979CH	132322CH	132665CH
1.4MHz	QPSK	1	0	22.10	21.02	21.60	21.33
		1	3	22.10	21.00	21.64	21.47
		1	5	22.10	20.83	21.59	21.44
		3	0	22.10	20.91	21.59	21.39
		3	2	22.10	20.90	21.69	21.26
		3	3	22.10	20.79	21.74	21.51
		6	0	22.10	20.34	21.07	20.93
	16QAM	1	0	22.10	20.50	21.39	21.14
		1	3	22.10	20.69	21.30	21.03
		1	5	22.10	20.34	21.18	20.79
		3	0	22.10	20.54	21.40	20.90
		3	2	22.10	20.56	21.44	20.98
		3	3	22.10	20.47	21.23	20.88
		6	0	21.60	19.83	20.11	19.82
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	131987CH	132322CH	132657CH
3MHz	QPSK	1	0	22.10	21.14	21.69	21.35
		1	7	22.10	21.02	21.57	21.30
		1	14	22.10	20.99	21.61	21.20
		8	0	22.10	20.49	21.00	20.98
		8	4	22.10	20.53	21.08	20.96
		8	7	22.10	20.46	21.16	20.79
		15	0	22.10	20.50	21.12	20.81
	16QAM	1	0	22.10	20.72	21.52	21.02
		1	7	22.10	20.57	21.53	21.06
		1	14	22.10	20.76	21.44	20.92
		8	0	21.60	19.81	20.18	19.93
		8	4	21.60	19.90	20.24	19.93
		8	7	21.60	19.87	20.20	19.87
		15	0	21.60	19.88	19.99	19.97



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	131997CH	132322CH	132647CH
5MHz	QPSK	1	0	22.10	21.04	22.10	21.34
		1	13	22.10	21.11	21.55	21.22
		1	24	22.10	21.08	21.73	21.28
		12	0	22.10	20.55	21.12	20.92
		12	6	22.10	20.49	21.27	20.83
		12	13	22.10	20.47	21.25	20.82
		25	0	22.10	20.53	21.08	21.01
	16QAM	1	0	22.10	20.96	21.46	21.19
		1	13	22.10	20.93	21.56	21.41
		1	24	22.10	21.00	21.61	21.04
		12	0	21.60	19.66	20.29	20.07
		12	6	21.60	19.63	20.40	19.99
		12	13	21.60	19.60	20.26	19.84
		25	0	21.60	19.40	20.13	19.93
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	132022CH	132322CH	132622CH
10MHz	QPSK	1	0	22.10	21.14	21.83	21.47
		1	25	22.10	20.99	21.65	21.26
		1	49	22.10	20.94	21.84	21.44
		25	0	22.10	20.46	21.23	21.07
		25	13	22.10	20.58	21.12	20.96
		25	25	22.10	20.35	21.17	21.00
		50	0	22.10	20.52	21.22	20.89
	16QAM	1	0	22.10	20.79	21.38	20.95
		1	25	22.10	20.65	21.42	21.02
		1	49	22.10	20.75	21.66	20.90
		25	0	21.60	19.57	20.27	20.11
		25	13	21.60	19.58	20.26	20.08
		25	25	21.60	19.42	20.23	19.93
		50	0	21.60	19.44	20.25	20.04

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	132047CH	132322CH	132597CH
15MHz	QPSK	1	0	22.10	20.71	21.17	20.95
		1	38	22.10	21.03	21.61	21.26
		1	74	22.10	21.07	21.60	21.23
		36	0	22.10	20.36	20.85	20.63
		36	18	22.10	20.67	21.06	20.70
		36	39	22.10	20.65	21.17	20.83
		75	0	22.10	20.49	20.94	20.74
	16QAM	1	0	22.10	20.43	20.92	20.72
		1	38	22.10	20.98	21.60	21.27
		1	74	22.10	20.97	21.29	20.89
		36	0	21.60	19.26	19.70	19.58
		36	18	21.60	19.54	20.18	19.76
		36	39	21.60	19.64	20.30	19.85
		75	0	21.60	19.35	19.96	19.70
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
20MHz	QPSK	1	0	22.10	21.35	21.67	21.54
		1	50	22.10	21.32	21.53	21.62
		1	99	22.10	20.64	21.49	20.76
		50	0	22.10	20.66	21.26	20.95
		50	25	22.10	20.65	21.25	20.94
		50	50	22.10	20.54	21.09	20.83
		100	0	22.10	20.68	21.11	21.06
	16QAM	1	0	22.10	21.01	21.76	21.36
		1	50	22.10	20.80	21.49	21.36
		1	99	22.10	20.44	21.44	20.70
		50	0	21.60	19.84	20.03	19.92
		50	25	21.60	19.85	20.16	19.83
		50	50	21.60	19.94	20.01	19.87
		100	0	21.60	19.96	20.08	19.95

Table 44: Conducted power measurement results of LTE Band 66 (Receiver OFF)



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	131979CH	132322CH	132665CH
1.4MHz	QPSK	1	0	20.10	19.04	19.60	19.43
		1	3	20.10	18.88	19.19	19.47
		1	5	20.10	18.78	19.75	19.36
		3	0	20.10	18.96	19.85	19.39
		3	2	20.10	19.13	19.92	19.77
		3	3	20.10	18.92	19.74	19.56
		6	0	20.10	18.89	19.90	19.87
	16QAM	1	0	20.10	18.94	19.81	19.70
		1	3	20.10	18.99	20.04	19.52
		1	5	20.10	19.28	19.58	19.24
		3	0	20.10	19.08	19.85	19.54
		3	2	20.10	19.27	19.78	19.82
		3	3	20.10	19.09	19.81	19.64
		6	0	20.10	19.92	19.73	19.36
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	131987CH	132322CH	132657CH
3MHz	QPSK	1	0	20.10	18.99	19.87	19.58
		1	7	20.10	19.02	19.75	19.37
		1	14	20.10	18.94	19.81	19.45
		8	0	20.10	19.06	19.79	19.51
		8	4	20.10	19.11	19.73	19.54
		8	7	20.10	19.05	19.69	19.45
		15	0	20.10	18.98	19.97	19.81
	16QAM	1	0	20.10	19.25	19.75	19.78
		1	7	20.10	19.51	20.10	19.47
		1	14	20.10	19.31	20.04	19.69
		8	0	20.10	18.98	19.70	19.52
		8	4	20.10	19.14	19.83	19.48
		8	7	20.10	19.16	19.72	19.39
		15	0	20.10	18.91	19.75	19.46



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	131997CH	132322CH	132647CH
5MHz	QPSK	1	0	20.10	19.29	19.78	19.74
		1	13	20.10	18.93	19.70	19.41
		1	24	20.10	19.13	20.00	19.25
		12	0	20.10	19.08	19.73	19.52
		12	6	20.10	19.05	19.80	19.51
		12	13	20.10	19.04	19.82	19.52
		25	0	20.10	19.06	19.70	19.53
	16QAM	1	0	20.10	19.60	19.82	20.08
		1	13	20.10	19.39	19.58	19.76
		1	24	20.10	19.38	19.97	19.57
		12	0	20.10	19.09	19.82	19.66
		12	6	20.10	19.12	19.80	19.61
		12	13	20.10	19.13	19.79	19.47
		25	0	20.10	18.97	19.81	19.44
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	132022CH	132322CH	132622CH
10MHz	QPSK	1	0	20.10	19.00	19.75	19.55
		1	25	20.10	19.08	19.70	19.62
		1	49	20.10	19.12	19.97	19.50
		25	0	20.10	19.09	19.84	19.65
		25	13	20.10	19.13	19.74	19.63
		25	25	20.10	18.95	19.82	19.68
		50	0	20.10	19.06	19.78	19.63
	16QAM	1	0	20.10	19.20	20.01	19.85
		1	25	20.10	19.15	19.93	19.60
		1	49	20.10	19.39	19.57	19.45
		25	0	20.10	19.16	19.73	19.55
		25	13	20.10	18.98	19.74	19.61
		25	25	20.10	19.09	19.83	19.43
		50	0	20.10	18.95	19.77	19.68

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	132047CH	132322CH	132597CH
15MHz	QPSK	1	0	20.10	18.99	19.56	19.18
		1	38	20.10	19.11	19.65	19.23
		1	74	20.10	19.33	19.87	19.34
		36	0	20.10	18.88	19.43	19.19
		36	18	20.10	19.13	19.66	19.31
		36	39	20.10	19.24	19.80	19.40
		75	0	20.10	19.01	19.44	19.27
	16QAM	1	0	20.10	19.07	19.76	19.50
		1	38	20.10	19.45	19.93	19.42
		1	74	20.10	19.53	19.04	19.62
		36	0	20.10	18.81	19.33	19.19
		36	18	20.10	19.10	19.68	19.19
		36	39	20.10	19.14	19.82	19.23
		75	0	20.10	18.90	19.52	19.15
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
20MHz	QPSK	1	0	20.10	19.57	19.77	19.64
		1	50	20.10	19.46	19.49	19.39
		1	99	20.10	18.85	19.30	19.25
		50	0	20.10	19.26	19.69	19.52
		50	25	20.10	19.22	19.65	19.51
		50	50	20.10	19.11	19.50	19.35
		100	0	20.10	19.03	19.54	19.58
	16QAM	1	0	20.10	19.94	19.87	19.87
		1	50	20.10	19.43	19.85	19.76
		1	99	20.10	19.27	19.68	19.62
		50	0	20.10	19.14	19.70	19.56
		50	25	20.10	19.20	19.71	19.45
		50	50	20.10	19.20	19.58	19.08
		100	0	20.10	19.12	19.66	19.46

Table 45: Conducted power measurement results of LTE Band 66 (Hotspot ON)



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel		
				Max.	131979CH	132322CH	132665CH		
1.4MHz	QPSK	1	0	21.10	19.78	20.58	20.27		
		1	3	21.10	20.12	20.80	20.23		
		1	5	21.10	19.93	20.59	20.18		
		3	0	21.10	19.97	20.60	20.31		
		3	2	21.10	20.06	20.72	20.29		
		3	3	21.10	19.96	20.68	20.28		
		6	0	21.10	19.90	20.68	20.37		
	16QAM	1	0	21.10	19.98	20.80	20.34		
		1	3	21.10	20.13	20.84	20.30		
		1	5	21.10	20.04	20.69	20.28		
		3	0	21.10	19.97	20.80	20.40		
		3	2	21.10	20.23	20.72	20.26		
		3	3	21.10	20.10	20.90	20.16		
		6	0	21.10	19.38	20.18	19.91		
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel		
3MHz	QPSK	1	0	21.10	20.02	20.69	20.30		
		1	7	21.10	20.00	20.70	20.22		
		1	14	21.10	20.06	20.66	20.05		
		8	0	21.10	19.97	20.59	20.32		
		8	4	21.10	20.00	20.76	20.29		
		8	7	21.10	19.96	20.68	20.14		
		15	0	21.10	19.96	20.61	20.47		
		16QAM	1	0	21.10	20.31	21.08	20.65	
			1	7	21.10	20.21	20.90	20.67	
	1		14	21.10	20.24	21.01	20.25		
	8		0	21.10	19.45	20.14	19.97		
	8		4	21.10	19.52	20.23	19.72		
	8		7	21.10	19.54	20.18	19.80		
	15		0	21.10	19.43	20.18	19.96		
	Bandwidth		Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
						Max.	131987CH	132322CH	132657CH



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	131997CH	132322CH	132647CH
5MHz	QPSK	1	0	21.10	20.15	20.89	20.37
		1	13	21.10	20.04	20.69	20.22
		1	24	21.10	19.96	20.64	20.32
		12	0	21.10	20.12	20.71	20.37
		12	6	21.10	20.07	20.67	20.32
		12	13	21.10	20.05	20.67	20.27
		25	0	21.10	20.11	20.58	20.35
	16QAM	1	0	21.10	20.27	20.87	20.68
		1	13	21.10	20.51	21.09	20.45
		1	24	21.10	20.54	20.98	20.43
		12	0	21.10	19.59	20.18	19.98
		12	6	21.10	19.59	20.14	19.85
		12	13	21.10	19.48	20.20	19.82
		25	0	21.10	19.40	20.18	19.93
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	132022CH	132322CH	132622CH
10MHz	QPSK	1	0	21.10	20.08	20.89	20.64
		1	25	21.10	20.28	20.67	20.51
		1	49	21.10	20.13	20.77	20.42
		25	0	21.10	20.15	20.62	20.65
		25	13	21.10	20.06	20.72	20.61
		25	25	21.10	20.08	20.78	20.56
		50	0	21.10	20.01	20.74	20.28
	16QAM	1	0	21.10	20.30	20.87	20.52
		1	25	21.10	20.07	20.88	20.53
		1	49	21.10	20.31	20.41	20.62
		25	0	21.10	19.54	20.24	20.18
		25	13	21.10	19.60	20.27	19.95
		25	25	21.10	19.37	20.22	19.93
		50	0	21.10	19.45	20.26	20.11

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	132047CH	132322CH	132597CH
15MHz	QPSK	1	0	21.10	19.88	20.34	20.08
		1	38	21.10	19.90	20.66	20.25
		1	74	21.10	20.29	20.81	20.29
		36	0	21.10	19.95	20.23	20.18
		36	18	21.10	20.17	20.54	20.25
		36	39	21.10	20.15	20.69	20.27
		75	0	21.10	20.06	20.44	20.14
	16QAM	1	0	21.10	20.29	20.68	20.29
		1	38	21.10	20.29	20.77	20.61
		1	74	21.10	20.46	20.80	20.37
		36	0	21.10	19.32	19.72	19.67
		36	18	21.10	19.54	20.08	19.75
		36	39	21.10	19.67	20.21	19.80
		75	0	21.10	19.40	19.94	19.77
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	132072CH	132322CH	132572CH
20MHz	QPSK	1	0	21.10	20.29	20.73	20.64
		1	50	21.10	20.13	20.71	20.40
		1	99	21.10	19.73	20.54	20.00
		50	0	21.10	20.00	20.62	20.49
		50	25	21.10	20.03	20.66	20.38
		50	50	21.10	19.91	20.54	20.18
		100	0	21.10	19.92	20.51	20.51
	16QAM	1	0	21.10	20.48	20.85	20.47
		1	50	21.10	20.78	20.98	21.02
		1	99	21.10	20.00	20.50	20.10
		50	0	21.10	19.56	20.08	19.98
		50	25	21.10	19.61	20.07	19.99
		50	50	21.10	19.53	19.95	19.64
		100	0	21.10	19.46	20.05	20.02

Table 46: Conducted power measurement results of LTE Band 66 (Receiver OFF+WiFi)

Note: The conducted power of LTE Band 66 is measured with RMS detector.

1.27 Conducted power of 2.4G Wi-Fi

Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up	Average Power (dBm)	SAR Test (Yes/No)
				Max.		
802.11b	1	2412	1Mbps	19.50	17.21	No
	6	2437		19.50	17.86	Yes
	11	2462		19.50	17.53	No
802.11g	1	2412	6Mbps	15.00	12.81	No
	2	2417		17.00	14.72	No
	3	2422		19.00	17.04	No
	6	2437		19.00	17.32	No
	9	2452		19.00	16.48	No
	10	2457		17.00	14.54	No
802.11n 20M	11	2462	MCS0	15.00	12.92	No
	1	2412		15.00	12.71	No
	2	2417		17.00	14.63	No
	3	2422		18.50	16.29	No
	6	2437		18.50	16.72	No
	9	2452		18.50	15.56	No
	10	2457		17.00	14.37	No
802.11n 40M	11	2462	MCS0	15.00	12.78	No
	3	2422		11.50	9.52	No
	4	2427		11.50	9.38	No
	5	2432		13.50	11.75	No
	6	2437		15.00	13.59	No
	7	2442		13.50	11.95	No
	8	2447		13.00	10.68	No
9	2452	12.50	10.11	No		

Table 47: Conducted power measurement results of 2.4G Wi-Fi (Receiver OFF)

Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up	Average Power (dBm)	SAR Test (Yes/No)
				Max.		
802.11b	1	2412	1Mbps	12.00	9.43	No
	6	2437		12.00	10.08	Yes
	11	2462		12.00	9.74	No
802.11g	1	2412	6Mbps	12.00	9.62	No
	6	2437		12.00	10.31	No
	11	2462		12.00	9.77	No



802.11n 20M	1	2412	MCS0	12.00	9.45	No
	6	2437		12.00	10.15	No
	11	2462		12.00	9.62	No
802.11n 40M	3	2422	MCS0	11.50	9.62	No
	4	2427		11.50	9.36	No
	5	2432		12.00	10.27	No
	6	2437		12.00	10.41	No
	9	2452		12.00	9.69	No

Table 48: Conducted power measurement results of 2.4G Wi-Fi (Receiver ON)

1.28 Conducted power of 5G Wi-Fi

Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up	Average Power (dBm)	SAR Test (Yes/No)
				Max.		
802.11a	CH 36	5180	6Mbps	15.00	13.15	No
	CH 40	5200		19.00	17.08	No
	CH 44	5220		19.00	17.15	Yes
	CH 48	5240		19.00	17.12	No
	CH 52	5260		19.00	17.25	No
	CH 56	5280		19.00	17.31	No
	CH 60	5300		19.00	17.35	Yes
	CH 64	5320		16.00	14.36	No
	CH 100	5500		19.00	17.18	No
	CH 104	5520		19.00	17.26	No
	CH 108	5540		19.00	17.29	No
	CH 112	5560		19.00	17.31	No
	CH 116	5580		19.00	17.32	No
	CH 120	5600		19.00	17.34	No
	CH 124	5620		19.00	17.48	No
	CH 128	5640		19.00	17.53	No
	CH 132	5660		19.00	17.54	Yes
	CH 136	5680		19.00	17.49	No
	CH 140	5700		15.00	14.09	No
	CH 149	5745		19.00	17.48	No
CH 153	5765	19.00	17.49	Yes		
CH 157	5785	19.00	17.43	No		
CH 161	5805	19.00	17.21	No		
CH 165	5825	19.00	17.16	No		
Mode	Channel			Tune-up		



		Frequency (MHz)	Data Rate (Mbps)	Max.	Average Power (dBm)	SAR Test (Yes/No)
802.11n 20M	CH 36	5180	MCS0	15.00	11.97	No
	CH 40	5200		18.50	15.22	No
	CH 44	5220		18.50	15.07	No
	CH 48	5240		18.50	15.00	No
	CH 52	5260		18.50	15.11	No
	CH 56	5280		18.50	15.07	No
	CH 60	5300		18.50	15.07	No
	CH 64	5320		16.00	12.50	No
	CH 100	5500		18.50	16.57	No
	CH 104	5520		18.50	16.60	No
	CH 108	5540		18.50	16.69	No
	CH 112	5560		18.50	16.58	No
	CH 116	5580		18.50	16.66	No
	CH 120	5600		18.50	16.71	No
	CH 124	5620		18.50	16.85	No
	CH 128	5640		18.50	16.94	No
	CH 132	5660		18.50	16.95	No
	CH 136	5680		18.50	16.90	No
	CH 140	5700		15.00	13.95	No
	CH 149	5745		18.50	16.89	No
CH 153	5765	18.50	16.91	No		
CH 157	5785	18.50	16.92	No		
CH 161	5805	18.50	16.72	No		
CH 165	5825	18.50	16.63	No		
Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up Max.	Average Power (dBm)	SAR Test (Yes/No)
802.11n 40M	CH 38	5190	MCS0	9.00	6.67	No
	CH 46	5230		18.00	14.82	No
	CH 54	5270		18.00	14.73	No
	CH 62	5310		9.50	7.01	No
	CH 102	5510		12.00	11.12	No
	CH 110	5550		18.00	16.42	No
	CH 118	5590		18.00	16.36	No
	CH 126	5630		18.00	16.56	No
	CH 134	5670		17.00	15.73	No
	CH 142	5710		18.00	16.60	No
	CH 151	5755		18.00	16.71	No
	CH 159	5795		18.00	16.51	No



Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up	Average Power (dBm)	SAR Test (Yes/No)
				Max.		
802.11ac 20M	CH 36	5180	MCS0	15.00	11.94	No
	CH 40	5200		18.50	15.21	No
	CH 44	5220		18.50	15.09	No
	CH 48	5240		18.50	15.04	No
	CH 52	5260		18.50	15.07	No
	CH 56	5280		18.50	15.07	No
	CH 60	5300		18.50	15.03	No
	CH 64	5320		16.00	12.50	No
	CH 100	5500		18.50	16.48	No
	CH 104	5520		18.50	16.53	No
	CH 108	5540		18.50	16.66	No
	CH 112	5560		18.50	16.54	No
	CH 116	5580		18.50	16.63	No
	CH 120	5600		18.50	16.65	No
	CH 124	5620		18.50	16.83	No
	CH 128	5640		18.50	16.93	No
	CH 132	5660		18.50	16.94	No
	CH 136	5680		18.50	16.93	No
	CH 140	5700		15.00	13.98	No
	CH 149	5745		18.50	16.92	No
CH 153	5765	18.50	16.89	No		
CH 157	5785	18.50	16.85	No		
CH 161	5805	18.50	16.64	No		
CH 165	5825	18.50	16.61	No		
Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up	Average Power (dBm)	SAR Test (Yes/No)
				Max.		
802.11ac 40M	CH 38	5190	MCS0	9.00	6.89	No
	CH 46	5230		18.00	14.82	No
	CH 54	5270		18.00	14.70	No
	CH 62	5310		9.50	7.09	No
	CH 102	5510		12.00	11.05	No
	CH 110	5550		18.00	16.38	No
	CH 118	5590		18.00	16.36	No
	CH 126	5630		18.00	16.56	No
	CH 134	5670		17.00	15.69	No
	CH 142	5710		18.00	16.66	No
	CH 151	5755		18.00	16.70	No
	CH 159	5795		18.00	16.56	No



Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up	Average Power (dBm)	SAR Test (Yes/No)
				Max.		
802.11ac 80M	CH 42	5210	MCS0	8.00	5.63	No
	CH 58	5290		8.50	5.97	No
	CH 106	5530		9.00	8.02	No
	CH 122	5610		17.00	15.48	No
	CH 138	5690		17.00	15.54	No
	CH 155	5775		17.00	15.61	No

Table 49: Conducted power measurement results of 5G Wi-Fi (Receiver OFF)



Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up	Average Power (dBm)	SAR Test (Yes/No)
				Max.		
802.11a	CH 36	5180	6Mbps	12.00	9.74	No
	CH 40	5200		12.00	9.53	No
	CH 44	5220		12.00	9.30	No
	CH 48	5240		12.00	9.34	No
	CH 52	5260		12.00	9.41	No
	CH 56	5280		12.00	9.45	No
	CH 60	5300		12.00	9.42	No
	CH 64	5320		12.00	9.32	No
	CH 100	5500		12.00	10.87	No
	CH 104	5520		12.00	10.87	No
	CH 108	5540		12.00	10.94	No
	CH 112	5560		12.00	10.91	No
	CH 116	5580		12.00	11.15	No
	CH 120	5600		12.00	11.09	No
	CH 124	5620		12.00	11.22	No
	CH 128	5640		12.00	11.28	No
	CH 132	5660		12.00	11.28	No
	CH 136	5680		12.00	11.27	No
	CH 140	5700		12.00	11.33	No
	CH 149	5745		12.00	11.41	No
CH 153	5765	12.00	11.43	No		
CH 157	5785	12.00	11.39	No		
CH 161	5805	12.00	11.24	No		
CH 165	5825	12.00	11.15	No		
Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up	Average Power (dBm)	SAR Test (Yes/No)
				Max.		
802.11n 20M	CH 36	5180	MCS0	12.00	9.55	No
	CH 40	5200		12.00	9.32	No
	CH 44	5220		12.00	9.14	No
	CH 48	5240		12.00	9.13	No
	CH 52	5260		12.00	9.27	No
	CH 56	5280		12.00	9.22	No
	CH 60	5300		12.00	9.20	No
	CH 64	5320		12.00	9.09	No
	CH 100	5500		12.00	10.67	No
	CH 104	5520		12.00	10.73	No
	CH 108	5540		12.00	10.76	No
	CH 112	5560		12.00	10.74	No



	CH 116	5580		12.00	10.97	No
	CH 120	5600		12.00	10.88	No
	CH 124	5620		12.00	11.04	No
	CH 128	5640		12.00	11.09	No
	CH 132	5660		12.00	11.12	No
	CH 136	5680		12.00	11.10	No
	CH 140	5700		12.00	11.15	No
	CH 149	5745		12.00	11.23	No
	CH 153	5765		12.00	11.24	No
	CH 157	5785		12.00	11.22	No
	CH 161	5805		12.00	11.06	No
	CH 165	5825		12.00	11.00	No
Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up Max.	Average Power (dBm)	SAR Test (Yes/No)
802.11n 40M	CH 38	5190	MCS0	9.00	7.48	No
	CH 46	5230		12.00	10.32	No
	CH 54	5270		12.00	10.51	Yes
	CH 62	5310		9.50	8.22	No
	CH 102	5510		12.00	11.09	No
	CH 110	5550		12.00	11.05	No
	CH 118	5590		12.00	11.15	No
	CH 126	5630		12.00	11.35	No
	CH 134	5670		12.00	11.37	No
	CH 142	5710		12.00	11.44	No
	CH 151	5755		12.00	11.55	No
	CH 159	5795		12.00	11.54	No
Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up Max.	Average Power (dBm)	SAR Test (Yes/No)
802.11ac 20M	CH 36	5180	MCS0	12.00	9.47	No
	CH 40	5200		12.00	9.31	No
	CH 44	5220		12.00	9.14	No
	CH 48	5240		12.00	9.12	No
	CH 52	5260		12.00	9.23	No
	CH 56	5280		12.00	9.23	No
	CH 60	5300		12.00	9.26	No
	CH 64	5320		12.00	9.12	No
	CH 100	5500		12.00	10.66	No
	CH 104	5520		12.00	10.74	No
	CH 108	5540		12.00	10.79	No
	CH 112	5560		12.00	10.68	No

	CH 116	5580		12.00	10.97	No
	CH 120	5600		12.00	10.89	No
	CH 124	5620		12.00	11.02	No
	CH 128	5640		12.00	11.10	No
	CH 132	5660		12.00	11.11	No
	CH 136	5680		12.00	11.13	No
	CH 140	5700		12.00	11.16	No
	CH 149	5745		12.00	11.27	No
	CH 153	5765		12.00	11.29	No
	CH 157	5785		12.00	11.22	No
	CH 161	5805		12.00	11.05	No
	CH 165	5825		12.00	10.97	No
Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up Max.	Average Power (dBm)	SAR Test (Yes/No)
802.11ac 40M	CH 38	5190	MCS0	9.00	6.88	No
	CH 46	5230		12.00	9.37	No
	CH 54	5270		12.00	9.41	No
	CH 62	5310		9.50	7.06	No
	CH 102	5510		12.00	11.11	No
	CH 110	5550		12.00	11.07	No
	CH 118	5590		12.00	11.19	No
	CH 126	5630		12.00	11.32	No
	CH 134	5670		12.00	11.38	No
	CH 142	5710		12.00	11.44	No
	CH 151	5755		12.00	11.55	No
CH 159	5795	12.00	11.33	No		
Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up Max.	Average Power (dBm)	SAR Test (Yes/No)
802.11ac 80M	CH 42	5210	MCS0	8.00	5.61	No
	CH 58	5290		8.50	5.91	No
	CH 106	5530		9.00	8.01	No
	CH 122	5610		12.00	11.23	Yes
	CH 138	5690		12.00	11.21	No
	CH 155	5775		12.00	11.42	Yes

Table 50: Conducted power measurement results of 5G Wi-Fi (Receiver ON)

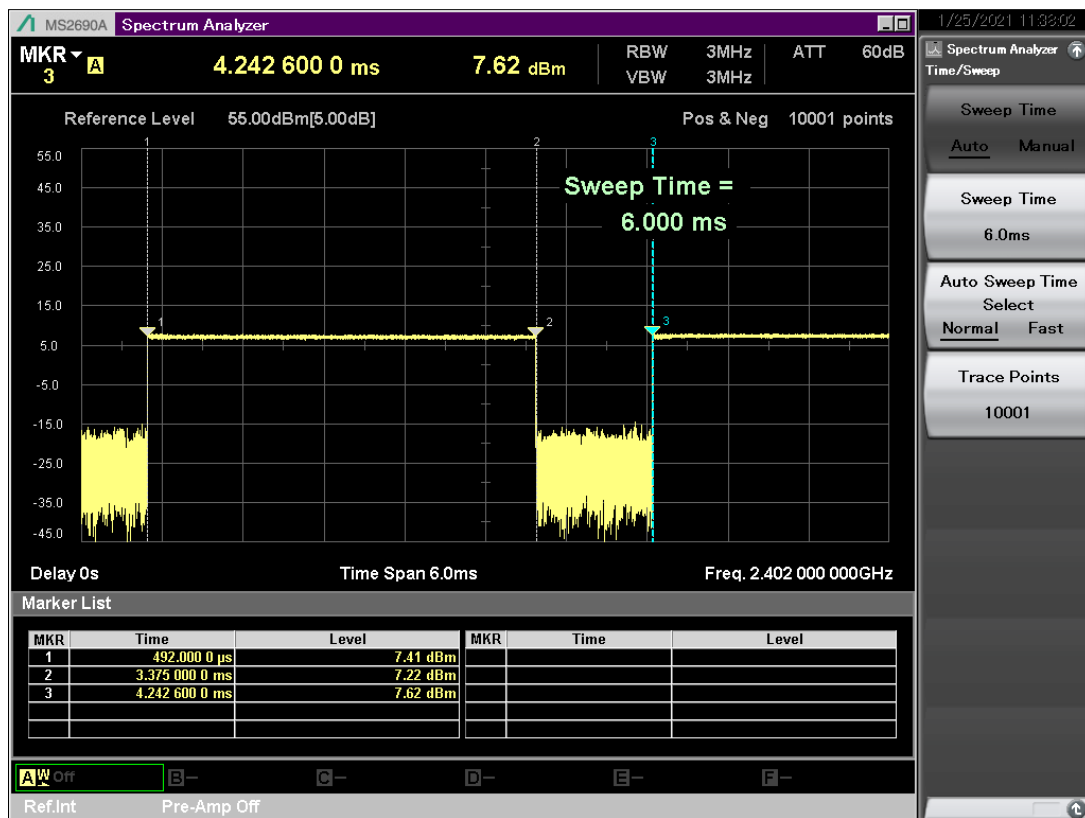
1.29 Conducted power of BT

BT	Tune-up	Average Power (dBm)		
	Max.	0CH	39CH	78CH
DH5	12.00	9.48	11.84	11.45
2DH5	11.00	7.03	8.78	8.43
3DH5	11.00	7.02	8.76	8.41
BT	Tune-up	Average Power (dBm)		
	Max.	0CH	19CH	39CH
BLE	9.50	5.81	7.83	7.67

Table 51: Conducted power measurement results of BT

Note: The conducted power of BT is measured with RMS detector.

Duty factor measured results:



The duty cycle plot is showed above, so the duty cycle of bluetooth is calculated as below:

$$Duty\ cycle = \text{pules} \frac{width}{period} * 100\% = \frac{2.8830ms}{3.7506ms} * 100\% = 76.9\%$$

2. Conducted power validation of Mobile Country Code (MCC)

1) The following tables summarize the LTE Band 7 power reduction information and LTE Band 7 conducted power validation results of MCC:

MCC Code	Band	Antenna	Scenes	Tune up (dBm)	Power Validation (dBm)
CE Countries	LTE B7	Third	Receiver on	24.50	23.42
FCC Countries	LTE B7	Third	Receiver on	21.00	22.80

2) The following tables summarize the key Wi-Fi power reduction information and Wi-Fi conducted power validation results of MCC:

Wi-Fi conducted power validation results									
Configuration		MCC of CE Countries				MCC of FCC Countries			
Band	Mode	Tune-up(dBm)		Average Power (dBm)		Tune-up(dBm)		Average Power (dBm)	
		Receiver ON	Receiver OFF	Receiver ON	Receiver OFF	Receiver ON	Receiver OFF	Receiver ON	Receiver OFF
2.4G Wi-Fi	802.11b	16.00	19.50	13.81	17.25	12.00	19.50	10.04	17.52
	802.11g	16.00	19.00	14.29	17.35	12.00	19.00	9.86	17.31
	802.11n(20M)	16.00	18.50	14.12	16.77	12.00	18.50	9.64	16.83
	802.11n(40M)	16.00	18.00	13.56	15.56	12.00	15.00	9.01	13.59
5G Wi-Fi	802.11a	16.00	19.00	14.43	17.21	12.00	19.00	10.77	17.22
	802.11n(20M)	16.00	18.50	14.32	16.66	12.00	18.50	10.59	16.56
	802.11n(40M)	16.00	18.00	13.58	16.23	12.00	18.00	10.60	16.43
	802.11ac(20M)	16.00	18.50	14.40	16.79	12.00	18.50	10.51	16.88
	802.11ac(40M)	16.00	18.00	13.70	15.70	12.00	18.00	10.63	16.07
	802.11ac(80M)	16.00	17.00	14.06	14.89	12.00	17.00	10.77	15.13