

Appendix C. 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.

The Radio Communication Tester was used for LTE output power measurements and SAR testing. Closed loop power control was used so the UE transmits with maximum output power during SAR testing.

The Radio Communication Tester measures LTE TDD peak and average output power for active timeslots. LTE TDD 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:

For Time-Division Duplex (TDD) systems, SAR must be tested using a fixed periodic duty factor according to the highest transmission duty factor implemented for the device and supported by the defined 3GPP LTE TDD configurations.

No. of Configuration	0	1	2	3	4	5	6
Duty Cycle	0.6333	0.4333	0.2333	0.3167	0.2167	0.1167	0.5333
Time-based avg. power compared to slotted avg. power	-1.98dB	-3.63dB	-6.32dB	-4.99dB	-6.64dB	-9.33 dB	-2.73dB

Note: According to duty cycle of configuration 0 to 6, Max output power should be Configuration 0, so we just tested the conduction power and SAR of configuration 0.

1.1 Conducted power of GSM 850(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	32.52	32.44	32.39	-9.19	24.31	23.33	23.25	23.20
GPRS (GMSK)	1 Tx Slot	33.50	32.54	32.45	32.41	-9.19	24.31	23.35	23.26	23.22
	2 Tx Slots	30.50	29.49	29.37	29.35	-6.13	24.37	23.36	23.24	23.22
	3 Tx Slots	28.70	27.59	27.50	27.50	-4.42	24.28	23.17	23.08	23.08
	4 Tx Slots	27.50	26.30	26.23	26.22	-3.18	24.32	23.12	23.05	23.04
EDGE (GMSK)	1 Tx Slot	33.50	32.54	32.45	32.41	-9.19	24.31	23.35	23.26	23.22
	2 Tx Slots	30.50	29.49	29.38	29.36	-6.13	24.37	23.36	23.25	23.23
	3 Tx Slots	28.70	27.60	27.51	27.50	-4.42	24.28	23.18	23.09	23.08
	4 Tx Slots	27.50	26.30	26.24	26.24	-3.18	24.32	23.12	23.06	23.06
EDGE (8PSK)	1 Tx Slot	27.66	26.60	27.12	26.35	-9.19	18.47	17.41	17.93	17.16
	2 Tx Slots	24.95	24.59	24.49	24.54	-6.13	18.82	18.46	18.36	18.41
	3 Tx Slots	22.39	21.86	21.98	22.01	-4.42	17.97	17.44	17.56	17.59
	4 Tx Slots	21.07	21.00	20.50	20.56	-3.18	17.89	17.82	17.32	17.38

Table 1: Test results conducted power measurement GSM 850

Note:

- 1) The conducted power of GSM 850 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 PCS 1900(Main antenna)

PCS 1900		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	29.99	29.98	29.91	-9.19	21.31	20.80	20.79	20.72
GPRS (GMSK)	1 Tx Slot	30.50	29.98	29.99	29.90	-9.19	21.31	20.79	20.80	20.71
	2 Tx Slots	27.50	26.95	26.96	26.86	-6.13	21.37	20.82	20.83	20.73
	3 Tx Slots	25.70	25.24	25.23	25.13	-4.42	21.28	20.82	20.81	20.71
	4 Tx Slots	24.50	24.02	24.01	23.91	-3.18	21.32	20.84	20.83	20.73
EDGE (GMSK)	1 Tx Slot	30.50	29.98	29.99	29.91	-9.19	21.31	20.79	20.80	20.72
	2 Tx Slots	27.50	26.95	26.96	26.86	-6.13	21.37	20.82	20.83	20.73
	3 Tx Slots	25.70	25.24	25.24	25.13	-4.42	21.28	20.82	20.82	20.71
	4 Tx Slots	24.50	24.00	24.01	23.91	-3.18	21.32	20.82	20.83	20.73
EDGE (8PSK)	1 Tx Slot	27.00	25.80	26.25	26.43	-9.19	17.81	16.61	17.06	17.24
	2 Tx Slots	25.00	24.28	24.22	24.38	-6.13	18.87	18.15	18.09	18.25
	3 Tx Slots	23.00	22.16	21.84	22.14	-4.42	18.58	17.74	17.42	17.72
	4 Tx Slots	22.00	20.75	20.69	21.24	-3.18	18.82	17.57	17.51	18.06

Table 2: Test results conducted power measurement PCS 1900 (Receiver OFF/Receiver OFF+WIFI)

PCS 1900		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)		28.00	27.46	27.48	27.39	-9.19	18.81	18.27	18.29	18.20
GPRS (GMSK)	1 Tx Slot	28.00	27.45	27.46	27.38	-9.19	18.81	18.26	18.27	18.19
	2 Tx Slots	25.00	24.48	24.49	24.46	-6.13	18.87	18.35	18.36	18.33
	3 Tx Slots	23.20	22.74	22.72	22.61	-4.42	18.78	18.32	18.30	18.19
	4 Tx Slots	22.00	21.58	21.54	21.44	-3.18	18.82	18.40	18.36	18.26
EDGE (GMSK)	1 Tx Slot	28.00	27.45	27.47	27.39	-9.19	18.81	18.26	18.28	18.20
	2 Tx Slots	25.00	24.49	24.49	24.38	-6.13	18.87	18.36	18.36	18.25
	3 Tx Slots	23.20	22.75	22.72	22.62	-4.42	18.78	18.33	18.30	18.20
	4 Tx Slots	22.00	21.58	21.55	21.45	-3.18	18.82	18.40	18.37	18.27
EDGE (8PSK)	1 Tx Slot	24.50	23.74	23.65	23.38	-9.19	15.31	14.55	14.46	14.19
	2 Tx Slots	22.50	21.52	21.22	21.95	-6.13	16.37	15.39	15.09	15.82
	3 Tx Slots	20.50	19.45	19.74	20.08	-4.42	16.08	15.03	15.32	15.66
	4 Tx Slots	19.50	18.45	18.84	18.86	-3.18	16.32	15.27	15.66	15.68

Table 3: Test results conducted power measurement PCS 1900 (Receiver ON/Receiver OFF+Hotspot/Receiver ON+WIFI)

PCS 1900		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)		25.50	24.99	24.96	24.86	-9.19	16.31	15.80	15.77	15.67
GPRS (GMSK)	1 Tx Slot	25.50	24.98	24.95	24.83	-9.19	16.31	15.79	15.76	15.64
	2 Tx Slots	22.50	21.98	21.94	21.83	-6.13	16.37	15.85	15.81	15.70
	3 Tx Slots	20.70	20.17	20.15	20.04	-4.42	16.28	15.75	15.73	15.62
	4 Tx Slots	19.50	18.92	18.89	18.80	-3.18	16.32	15.74	15.71	15.62
EDGE (GMSK)	1 Tx Slot	25.50	24.99	24.95	24.83	-9.19	16.31	15.80	15.76	15.64
	2 Tx Slots	22.50	21.99	21.95	21.83	-6.13	16.37	15.86	15.82	15.70
	3 Tx Slots	20.70	20.17	20.16	20.04	-4.42	16.28	15.75	15.74	15.62
	4 Tx Slots	19.50	18.85	18.90	18.80	-3.18	16.32	15.67	15.72	15.62
EDGE (8PSK)	1 Tx Slot	22.00	21.10	20.97	21.92	-9.19	12.81	11.91	11.78	12.73
	2 Tx Slots	20.00	18.89	19.44	19.57	-6.13	13.87	12.76	13.31	13.44
	3 Tx Slots	18.00	16.84	16.70	17.44	-4.42	13.58	12.42	12.28	13.02
	4 Tx Slots	17.00	16.05	16.03	16.33	-3.18	13.82	12.87	12.85	13.15

Table 4: Test results conducted power measurement PCS 1900 (Receiver ON+Hotspot)

Note:

- 1) The conducted power of PCS 1900 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 UMTS Band II(Main antenna)

UMTS Band II		Tune-up	Average Power (dBm)		
		Max.	9262CH	9400CH	9538CH
WCDMA	12.2kbps RMC	23.50	22.25	22.33	22.41
	12.2kbps AMR	23.50	22.27	22.31	22.41
HSDPA	Subtest 1	23.00	21.53	21.95	21.92
	Subtest 2	23.00	21.61	21.85	21.75
	Subtest 3	22.50	21.17	21.23	21.23
	Subtest 4	22.50	21.07	21.22	21.25
HSUPA	Subtest 1	22.00	20.42	20.40	20.20
	Subtest 2	20.00	17.71	18.05	17.87
	Subtest 3	21.00	18.57	18.73	18.66
	Subtest 4	20.00	17.64	18.86	17.88
	Subtest 5	23.50	22.13	22.25	22.36
DC-HSDPA	Subtest 1	23.00	21.75	21.84	21.69
	Subtest 2	23.00	21.75	21.78	21.83
	Subtest 3	22.50	21.11	21.47	21.42
	Subtest 4	22.50	21.14	21.27	21.23

Table 5: Test results conducted power measurement UMTS Band II (Receiver OFF)

UMTS Band II		Tune-up	Average Power (dBm)		
		Max.	9262CH	9400CH	9538CH
WCDMA	12.2kbps RMC	20.50	19.21	19.32	19.40
	12.2kbps AMR	20.50	19.26	19.34	19.42
HSDPA	Subtest 1	20.00	18.66	18.82	18.66
	Subtest 2	20.00	18.83	18.97	18.87
	Subtest 3	19.50	18.12	18.21	18.25
	Subtest 4	19.50	18.25	18.35	18.15
HSUPA	Subtest 1	19.00	17.44	17.38	17.34
	Subtest 2	17.00	14.67	15.08	15.06
	Subtest 3	18.00	15.72	15.68	15.89
	Subtest 4	17.00	15.52	15.46	15.61
	Subtest 5	20.50	19.13	19.23	19.38
DC-HSDPA	Subtest 1	20.00	18.68	18.77	18.86
	Subtest 2	20.00	18.65	18.79	18.77
	Subtest 3	19.50	18.22	18.33	18.26
	Subtest 4	19.50	18.06	18.46	18.37

Table 6: Test results conducted power measurement UMTS Band II (Receiver ON/Receiver

OFF+Hotspot)

UMTS Band II		Tune-up	Average Power (dBm)		
		Max.	9262CH	9400CH	9538CH
WCDMA	12.2kbps RMC	17.50	16.44	16.38	16.27
	12.2kbps AMR	17.50	16.26	16.35	16.51
HSDPA	Subtest 1	17.00	15.91	16.35	15.85
	Subtest 2	17.00	16.38	16.36	15.91
	Subtest 3	16.50	15.38	15.84	15.34
	Subtest 4	16.50	15.32	15.93	15.21
HSUPA	Subtest 1	16.00	14.80	14.67	14.81
	Subtest 2	14.00	12.10	11.54	12.11
	Subtest 3	15.00	13.02	12.44	12.57
	Subtest 4	14.00	12.85	12.47	12.43
	Subtest 5	17.50	16.45	16.61	16.33
DC-HSDPA	Subtest 1	17.00	15.92	16.37	16.02
	Subtest 2	17.00	16.41	16.52	15.83
	Subtest 3	16.50	15.49	15.74	15.32
	Subtest 4	16.50	15.41	15.98	15.33

Table 7: Test results conducted power measurement UMTS Band II (Receiver ON+Hotspot)

UMTS Band II		Tune-up	Average Power (dBm)		
		Max.	9262CH	9400CH	9538CH
WCDMA	12.2kbps RMC	21.00	19.82	19.95	19.88
	12.2kbps AMR	21.00	19.72	19.86	19.84
HSDPA	Subtest 1	20.50	19.24	19.26	19.60
	Subtest 2	20.50	19.25	19.47	19.54
	Subtest 3	20.00	18.88	18.80	18.86
	Subtest 4	20.00	18.93	18.65	18.89
HSUPA	Subtest 1	19.50	17.99	17.80	17.69
	Subtest 2	17.50	15.80	15.41	15.55
	Subtest 3	18.50	15.88	15.98	16.39
	Subtest 4	17.50	15.48	15.30	15.36
	Subtest 5	21.00	20.05	19.96	19.92
DC-HSDPA	Subtest 1	20.50	19.28	19.36	19.27
	Subtest 2	20.50	19.25	19.54	19.34
	Subtest 3	20.00	18.86	18.95	18.90
	Subtest 4	20.00	19.01	18.97	19.00

Table 8: Test results conducted power measurement UMTS Band II (Receiver OFF+WIFI)

UMTS Band II		Tune-up	Average Power (dBm)		
		Max.	9262CH	9400CH	9538CH
WCDMA	12.2kbps RMC	18.00	16.92	16.80	16.70
	12.2kbps AMR	18.00	16.80	16.74	16.71
HSDPA	Subtest 1	17.50	16.17	16.40	16.31
	Subtest 2	17.50	16.40	16.49	16.38
	Subtest 3	17.00	15.90	15.88	15.82
	Subtest 4	17.00	15.76	15.73	15.69
HSUPA	Subtest 1	16.50	15.09	15.30	15.16
	Subtest 2	14.50	12.85	12.86	12.56
	Subtest 3	15.50	13.54	13.63	13.36
	Subtest 4	14.50	12.86	13.09	12.59
	Subtest 5	18.00	16.97	16.83	17.01
DC-HSDPA	Subtest 1	17.50	16.17	16.31	16.26
	Subtest 2	17.50	16.22	16.33	16.38
	Subtest 3	17.00	15.90	15.77	15.83
	Subtest 4	17.00	15.83	15.83	15.78

Table 9: Test results conducted power measurement UMTS Band II (Receiver ON+WIFI)

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.

1.4 Conducted power of UMTS Band IV(Main antenna)

UMTS Band IV		Tune-up	Average Power (dBm)		
		Max.	1312CH	1413CH	1513CH
WCDMA	12.2kbps RMC	23.50	22.19	22.09	22.06
	12.2kbps AMR	23.50	22.20	22.16	22.36
HSDPA	Subtest 1	23.00	21.68	21.84	21.77
	Subtest 2	23.00	21.42	21.56	21.71
	Subtest 3	22.50	21.03	21.13	21.11
	Subtest 4	22.50	21.08	21.13	21.24
HSUPA	Subtest 1	22.00	20.40	20.39	20.52
	Subtest 2	20.00	17.11	17.12	17.40
	Subtest 3	21.00	18.62	18.57	18.61
	Subtest 4	20.00	17.72	17.56	18.06
	Subtest 5	23.50	21.99	22.34	22.26
DC-HSDPA	Subtest 1	23.00	21.61	21.58	21.75
	Subtest 2	23.00	21.49	21.55	21.72
	Subtest 3	22.50	21.19	21.16	21.08
	Subtest 4	22.50	21.04	21.33	21.27

Table 10: Test results conducted power measurement UMTS Band IV (Receiver OFF)

UMTS Band IV		Tune-up	Average Power (dBm)		
		Max.	1312CH	1413CH	1513CH
WCDMA	12.2kbps RMC	18.50	17.18	17.26	17.32
	12.2kbps AMR	18.50	17.22	17.24	17.31
HSDPA	Subtest 1	18.00	16.66	16.65	16.79
	Subtest 2	18.00	16.62	16.64	16.75
	Subtest 3	17.50	16.18	16.12	16.24
	Subtest 4	17.50	16.21	16.13	16.32
HSUPA	Subtest 1	17.00	15.53	15.58	15.43
	Subtest 2	15.00	12.68	12.88	13.03
	Subtest 3	16.00	13.66	13.62	13.62
	Subtest 4	15.00	13.02	13.36	13.12
	Subtest 5	18.50	15.69	15.65	15.88
DC-HSDPA	Subtest 1	18.00	16.66	16.63	16.77
	Subtest 2	18.00	16.66	16.63	16.74
	Subtest 3	17.50	16.13	16.11	16.28
	Subtest 4	17.50	16.12	16.11	16.25

Table 11: Test results conducted power measurement UMTS Band IV (Receiver ON)

UMTS Band IV		Tune-up	Average Power (dBm)		
		Max.	1312CH	1413CH	1513CH
WCDMA	12.2kbps RMC	20.50	19.10	19.00	19.23
	12.2kbps AMR	20.50	19.03	19.19	19.22
HSDPA	Subtest 1	20.00	18.63	18.80	18.70
	Subtest 2	20.00	18.54	18.62	18.85
	Subtest 3	19.50	17.93	18.21	18.22
	Subtest 4	19.50	18.01	18.16	18.30
HSUPA	Subtest 1	19.00	16.49	16.64	16.32
	Subtest 2	17.00	14.26	15.12	15.04
	Subtest 3	18.00	15.41	15.74	15.64
	Subtest 4	17.00	14.07	14.32	14.26
	Subtest 5	20.50	19.27	19.42	19.22
DC-HSDPA	Subtest 1	20.00	18.72	18.65	18.76
	Subtest 2	20.00	18.74	18.75	18.80
	Subtest 3	19.50	18.25	18.15	18.20
	Subtest 4	19.50	17.99	18.26	18.30

Table 12: Test results conducted power measurement UMTS Band IV (Receiver OFF+Hotspot)

UMTS Band IV		Tune-up	Average Power (dBm)		
		Max.	1312CH	1413CH	1513CH
WCDMA	12.2kbps RMC	15.50	14.50	14.71	14.43
	12.2kbps AMR	15.50	14.74	14.80	14.51
HSDPA	Subtest 1	15.00	14.22	14.35	13.70
	Subtest 2	15.00	14.13	14.30	14.02
	Subtest 3	14.50	13.48	13.58	13.23
	Subtest 4	14.50	13.58	13.53	13.42
HSUPA	Subtest 1	14.00	13.16	13.49	13.19
	Subtest 2	12.00	10.14	10.09	10.34
	Subtest 3	13.00	11.27	11.26	11.18
	Subtest 4	12.00	10.52	10.70	10.51
	Subtest 5	15.50	14.62	14.81	14.50
DC-HSDPA	Subtest 1	15.00	14.03	14.05	13.71
	Subtest 2	15.00	14.14	14.07	13.99
	Subtest 3	14.50	13.53	13.53	13.20
	Subtest 4	14.50	13.62	13.57	13.28

Table 13: Test results conducted power measurement UMTS Band IV (Receiver ON+Hotspot)

UMTS Band IV		Tune-up	Average Power (dBm)		
		Max.	1312CH	1413CH	1513CH
WCDMA	12.2kbps RMC	21.00	19.77	19.83	19.94
	12.2kbps AMR	21.00	19.52	19.81	19.95
HSDPA	Subtest 1	20.50	19.22	19.14	19.43
	Subtest 2	20.50	19.03	19.49	19.32
	Subtest 3	20.00	18.43	18.79	18.82
	Subtest 4	20.00	18.78	18.69	18.95
HSUPA	Subtest 1	19.50	16.85	16.83	17.07
	Subtest 2	17.50	15.24	15.38	15.53
	Subtest 3	18.50	15.60	16.45	16.36
	Subtest 4	17.50	14.55	14.52	14.89
	Subtest 5	21.00	19.81	19.64	19.72
DC-HSDPA	Subtest 1	20.50	19.09	19.57	19.25
	Subtest 2	20.50	19.07	19.18	19.32
	Subtest 3	20.00	18.85	18.59	18.62
	Subtest 4	20.00	18.42	18.91	18.77

Table 14: Test results conducted power measurement UMTS Band IV (Receiver OFF+WIFI)

UMTS Band IV		Tune-up	Average Power (dBm)		
		Max.	1312CH	1413CH	1513CH
WCDMA	12.2kbps RMC	16.00	15.07	15.31	15.09
	12.2kbps AMR	16.00	15.01	15.23	15.16
HSDPA	Subtest 1	15.50	14.36	14.51	14.53
	Subtest 2	15.50	14.55	14.81	14.60
	Subtest 3	15.00	13.94	13.90	13.74
	Subtest 4	15.00	13.70	14.15	13.82
HSUPA	Subtest 1	14.50	13.76	13.70	13.61
	Subtest 2	12.50	10.45	10.65	10.54
	Subtest 3	13.50	11.16	11.22	10.97
	Subtest 4	12.50	10.35	10.40	10.31
	Subtest 5	16.00	14.29	14.62	14.47
DC-HSDPA	Subtest 1	15.50	14.34	14.69	14.53
	Subtest 2	15.50	13.81	13.94	13.76
	Subtest 3	15.00	13.80	14.22	13.82
	Subtest 4	15.00	13.85	13.85	13.74

Table 15: Test results conducted power measurement UMTS Band IV (Receiver ON+WIFI)

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.

1.5 Conducted power of UMTS Band V(Main antenna)

WCDMA Band V		Tune-up	Average Power (dBm)		
		Max.	4132CH	4182CH	4233CH
WCDMA	12.2kbps RMC	25.50	23.96	24.01	24.06
	12.2kbps AMR	25.50	23.98	24.03	24.06
HSDPA	Subtest 1	25.00	23.73	23.52	23.58
	Subtest 2	25.00	24.10	23.95	23.75
	Subtest 3	24.50	23.42	23.40	23.36
	Subtest 4	24.50	23.49	23.52	23.37
HSUPA	Subtest 1	24.00	23.22	23.28	23.17
	Subtest 2	22.00	20.00	19.91	20.08
	Subtest 3	23.00	20.78	20.78	20.46
	Subtest 4	22.00	19.64	19.72	19.49
	Subtest 5	25.50	24.17	24.08	24.09
DC-HSDPA	Subtest 1	25.00	23.68	23.52	23.66
	Subtest 2	25.00	23.87	24.01	23.73
	Subtest 3	24.50	23.47	23.25	23.39
	Subtest 4	24.50	23.74	23.23	23.53

Table 16: Test results conducted power measurement UMTS Band V (Receiver OFF/Receiver OFF+WIFI)

WCDMA Band V		Tune-up	Average Power (dBm)		
		Max.	4132CH	4182CH	4233CH
WCDMA	12.2kbps RMC	24.50	22.93	23.12	23.05
	12.2kbps AMR	24.50	22.96	22.95	23.06
HSDPA	Subtest 1	24.00	22.77	22.65	22.61
	Subtest 2	24.00	22.72	23.00	22.96
	Subtest 3	23.50	22.67	22.49	22.56
	Subtest 4	23.50	22.52	22.23	22.36
HSUPA	Subtest 1	23.00	22.26	21.91	21.88
	Subtest 2	21.00	19.47	19.50	19.40
	Subtest 3	22.00	19.62	19.76	19.86
	Subtest 4	21.00	19.60	19.32	18.85
	Subtest 5	24.50	23.16	23.22	23.25
DC-HSDPA	Subtest 1	24.00	22.73	22.59	22.62
	Subtest 2	24.00	22.86	22.68	22.79
	Subtest 3	23.50	22.51	22.52	22.49
	Subtest 4	23.50	22.54	22.51	22.33

Table 17: Test results conducted power measurement UMTS Band V (Receiver ON/Receiver ON+WIFI//Receiver OFF+Hotspot)

WCDMA Band V		Tune-up	Average Power (dBm)		
		Max.	4132CH	4182CH	4233CH
WCDMA	12.2kbps RMC	23.50	22.33	22.31	22.36
	12.2kbps AMR	23.50	22.32	22.36	22.34
HSDPA	Subtest 1	23.00	21.90	21.62	21.63
	Subtest 2	23.00	22.15	21.95	22.08
	Subtest 3	22.50	21.64	21.65	21.67
	Subtest 4	22.50	21.60	21.64	21.75
HSUPA	Subtest 1	22.00	21.07	20.90	21.02
	Subtest 2	20.00	17.76	17.85	17.74
	Subtest 3	21.00	19.02	18.94	18.67
	Subtest 4	20.00	18.02	18.06	18.32
	Subtest 5	23.50	22.22	22.37	22.19
DC-HSDPA	Subtest 1	23.00	21.73	21.74	21.71
	Subtest 2	23.00	22.15	22.20	21.87
	Subtest 3	22.50	21.79	21.66	21.67
	Subtest 4	22.50	21.82	21.65	21.54

Table 18: Test results conducted power measurement UMTS Band V (Receiver ON+Hotspot)

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 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	23.50	22.63	22.74	22.79	
		1	3	23.50	22.47	22.35	22.28	
		1	5	23.50	22.96	23.00	22.77	
		3	0	23.50	22.78	22.94	22.59	
		3	2	23.50	22.67	22.59	22.54	
		3	3	23.50	22.63	22.92	22.70	
		6	0	23.50	22.74	22.71	22.43	
	16QAM	1	0	23.50	22.84	22.74	22.83	
		1	3	23.50	22.61	22.44	22.40	
		1	5	23.50	22.78	23.14	22.70	
		3	0	23.50	22.81	22.78	22.65	
		3	2	23.50	22.40	22.64	22.77	
		3	3	23.50	22.60	22.79	22.57	
		6	0	22.50	21.69	21.93	21.42	
	64QAM	1	0	22.50	21.52	22.05	21.66	
		1	3	22.50	21.34	21.81	21.47	
		1	5	22.50	21.93	21.86	21.61	
		3	0	22.50	21.70	21.84	21.74	
		3	2	22.50	21.46	21.55	21.42	
		3	3	22.50	21.52	21.87	21.77	
		6	0	21.50	20.47	20.75	20.58	
	Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
	3MHz	QPSK	1	0	23.50	22.69	22.45	22.35
			1	7	23.50	22.29	22.25	22.12
1			14	23.50	22.59	22.41	22.93	
8			0	23.50	22.70	22.82	22.63	
8			4	23.50	23.23	22.98	22.66	
8			7	23.50	22.84	22.55	22.57	
15			0	23.50	22.50	22.48	22.60	
16QAM		1	0	23.50	22.75	22.90	22.98	
		1	7	23.50	22.55	22.52	22.42	
		1	14	23.50	22.73	22.75	22.46	
		8	0	22.50	21.42	21.51	21.39	
		8	4	22.50	21.68	21.59	21.90	
		8	7	22.50	21.39	21.47	21.62	
		15	0	22.50	21.92	21.62	21.72	
64QAM		1	0	22.50	21.73	21.09	21.50	
		1	7	22.50	21.45	21.60	21.16	
		1	14	22.50	21.72	21.85	21.51	
		8	0	21.50	20.39	20.58	20.66	
		8	4	21.50	20.56	20.67	20.59	
		8	7	21.50	20.59	20.74	21.27	
		15	0	21.50	20.51	20.90	20.82	
Bandwidth		Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
					Max.	18615CH	18900CH	19185CH

				Max.	18625CH	18900CH	19175CH
5MHz	QPSK	1	0	23.50	22.80	22.49	22.25
		1	13	23.50	22.19	22.22	22.24
		1	24	23.50	22.63	22.41	22.55
		12	0	23.50	22.52	22.96	22.56
		12	6	23.50	23.09	22.70	22.71
		12	13	23.50	22.74	22.43	22.46
		25	0	23.50	22.46	22.76	22.70
	16QAM	1	0	23.50	23.11	22.97	22.86
		1	13	23.50	22.75	22.33	22.66
		1	24	23.50	22.67	22.87	22.49
		12	0	22.50	21.57	21.55	21.70
		12	6	22.50	21.55	21.50	21.76
		12	13	22.50	21.58	21.56	21.45
		25	0	22.50	21.99	21.61	21.84
	64QAM	1	0	22.50	22.01	21.34	21.59
		1	13	22.50	21.68	21.69	21.22
		1	24	22.50	21.75	21.73	21.48
		12	0	21.50	20.48	20.69	20.60
		12	6	21.50	20.35	20.88	20.71
		12	13	21.50	20.71	20.71	21.17
		25	0	21.50	20.59	20.68	20.90
Bandwidth	Modulation	RB size	RB offset	Tune-up Max.	Channel 18650CH	Channel 18900CH	Channel 19150CH
10MHz	QPSK	1	0	23.50	22.42	22.61	22.35
		1	25	23.50	22.35	22.27	22.42
		1	49	23.50	22.45	22.60	22.53
		25	0	23.50	22.75	22.84	22.78
		25	13	23.50	22.79	22.94	22.82
		25	25	23.50	22.80	22.63	22.68
		50	0	23.50	22.61	22.58	22.72
	16QAM	1	0	23.50	22.84	23.06	22.64
		1	25	23.50	22.40	22.30	22.44
		1	49	23.50	22.99	22.68	22.77
		25	0	22.50	21.66	21.54	21.67
		25	13	22.50	21.64	21.68	21.80
		25	25	22.50	21.72	21.48	21.45
		50	0	22.50	21.79	21.45	21.78
	64QAM	1	0	22.50	21.99	21.48	21.44
		1	25	22.50	21.50	21.65	21.15
		1	49	22.50	21.60	21.81	21.44
		25	0	21.50	20.53	20.52	20.66
		25	13	21.50	20.69	20.90	20.71
		25	25	21.50	20.72	20.78	20.72
		50	0	21.50	20.59	20.83	20.89
Bandwidth	Modulation	RB size	RB offset	Tune-up Max.	Channel 18675CH	Channel 18900CH	Channel 19125CH
15MHz	QPSK	1	0	23.50	22.48	22.58	22.73
		1	38	23.50	22.37	22.53	22.35
		1	74	23.50	22.64	22.49	22.48

		36	0	23.50	22.78	22.72	22.67	
		36	18	23.50	22.77	22.79	22.78	
		36	39	23.50	22.67	22.74	22.47	
		75	0	23.50	22.66	22.77	22.59	
	16QAM	1	0	23.50	22.81	23.04	22.84	
		1	38	23.50	22.60	22.43	22.66	
		1	74	23.50	22.88	22.79	22.66	
		36	0	22.50	21.73	21.51	21.65	
		36	18	22.50	21.57	21.73	21.64	
		36	39	22.50	21.59	21.74	21.64	
		75	0	22.50	21.72	21.59	21.64	
	64QAM	1	0	22.50	21.58	21.34	21.61	
		1	38	22.50	21.53	21.57	21.33	
		1	74	22.50	21.96	21.80	21.67	
		36	0	21.50	20.79	20.60	20.82	
		36	18	21.50	20.79	20.56	20.72	
		36	39	21.50	20.59	20.54	20.79	
		75	0	21.50	20.73	20.62	20.77	
	Bandwidth	Modulation	RB size	RB offset	Tune-up Max.	Channel 18700CH	Channel 18900CH	Channel 19100CH
	20MHz	QPSK	1	0	23.50	22.60	22.71	22.59
			1	50	23.50	22.40	22.49	22.44
1			99	23.50	22.59	22.58	22.53	
50			0	23.50	22.66	22.79	22.69	
50			25	23.50	22.68	22.81	22.78	
50			50	23.50	22.77	22.72	22.57	
100			0	23.50	22.68	22.72	22.64	
16QAM		1	0	23.50	22.83	22.94	22.75	
		1	50	23.50	22.52	22.44	22.54	
		1	99	23.50	22.82	22.88	22.58	
		50	0	22.50	21.61	21.60	21.71	
		50	25	22.50	21.66	21.68	21.73	
		50	50	22.50	21.69	21.62	21.62	
		100	0	22.50	21.58	21.59	21.67	
64QAM		1	0	22.50	21.70	21.44	21.52	
		1	50	22.50	21.58	21.70	21.35	
		1	99	22.50	21.83	21.87	21.53	
		50	0	21.50	20.66	20.67	20.68	
		50	25	21.50	20.65	20.69	20.77	
		50	50	21.50	20.66	20.64	20.72	
		100	0	21.50	20.62	20.61	20.74	

Table 19: Test results conducted power measurement LTE Band 2 (Receiver OFF)

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	18607CH	18900CH	19193CH
1.4MHz	QPSK	1	0	19.00	18.20	18.34	18.16
		1	3	19.00	17.88	17.68	18.09
		1	5	19.00	17.71	18.25	18.32
		3	0	19.00	18.30	17.91	18.35
		3	2	19.00	18.23	18.09	18.12
		3	3	19.00	17.94	18.25	18.10
		6	0	19.00	18.42	18.39	18.04
	16QAM	1	0	19.00	18.13	18.28	18.32
		1	3	19.00	17.96	18.07	17.91
		1	5	19.00	18.55	18.03	18.22
		3	0	19.00	18.60	18.06	18.00
		3	2	19.00	18.01	18.18	18.19
		3	3	19.00	17.89	18.19	18.25
		6	0	19.00	18.28	18.08	18.05
	64QAM	1	0	19.00	18.07	18.23	18.17
		1	3	19.00	18.10	17.91	18.11
		1	5	19.00	18.50	18.24	18.21
		3	0	19.00	18.37	17.94	18.40
		3	2	19.00	17.94	18.57	18.56
		3	3	19.00	18.13	18.44	18.30
		6	0	19.00	18.44	18.29	18.26
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
3MHz	QPSK	1	0	19.00	18.08	18.17	18.40
		1	7	19.00	17.94	17.73	17.90
		1	14	19.00	18.06	18.03	18.18
		8	0	19.00	18.37	17.99	18.54
		8	4	19.00	18.02	18.10	18.34
		8	7	19.00	17.99	18.33	18.16
		15	0	19.00	18.43	18.47	18.15
	16QAM	1	0	19.00	17.90	18.35	18.62
		1	7	19.00	17.88	18.22	18.02
		1	14	19.00	18.53	18.14	18.20
		8	0	19.00	18.58	18.10	17.96
		8	4	19.00	18.36	18.03	18.18
		8	7	19.00	17.93	18.24	18.05
		15	0	19.00	18.36	18.35	18.12
	64QAM	1	0	19.00	18.20	18.34	18.33
		1	7	19.00	18.05	17.89	17.95
		1	14	19.00	18.36	18.19	18.04
		8	0	19.00	18.36	18.08	18.25
		8	4	19.00	17.84	18.24	18.29
		8	7	19.00	18.25	18.36	18.17
		15	0	19.00	18.22	18.19	18.20
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
5MHz	QPSK	1	0	19.00	18.22	18.32	18.29
		1	13	19.00	18.00	17.78	18.04

		1	24	19.00	17.91	18.12	18.17	
		12	0	19.00	18.24	18.06	18.42	
		12	6	19.00	18.12	18.23	18.24	
		12	13	19.00	17.95	18.20	18.19	
		25	0	19.00	18.29	18.39	18.29	
	16QAM	1	0	19.00	17.97	18.25	18.58	
		1	13	19.00	17.97	18.17	18.00	
		1	24	19.00	18.52	18.11	18.11	
		12	0	19.00	18.44	18.14	18.09	
		12	6	19.00	18.22	18.14	18.21	
		12	13	19.00	17.95	18.13	18.09	
		25	0	19.00	18.24	18.22	18.12	
	64QAM	1	0	19.00	18.16	18.26	18.19	
		1	13	19.00	18.07	17.96	17.98	
		1	24	19.00	18.26	18.17	18.12	
		12	0	19.00	18.23	18.08	18.39	
		12	6	19.00	17.96	18.32	18.33	
		12	13	19.00	18.25	18.43	18.16	
		25	0	19.00	18.35	18.29	18.14	
	Bandwidth	Modulation	RB size	RB offset	Tune-up Max.	Channel 18650CH	Channel 18900CH	Channel 19150CH
	10MHz	QPSK	1	0	19.00	18.17	18.24	18.18
1			25	19.00	17.92	17.82	18.05	
1			49	19.00	17.95	18.32	17.99	
25			0	19.00	18.17	18.32	18.39	
25			13	19.00	18.17	18.25	18.42	
25			25	19.00	18.08	18.32	18.04	
50			0	19.00	18.16	18.21	18.09	
16QAM		1	0	19.00	18.13	18.18	18.50	
		1	25	19.00	18.11	18.18	18.21	
		1	49	19.00	18.36	17.95	18.01	
		25	0	19.00	18.42	18.23	17.97	
		25	13	19.00	18.39	18.21	18.39	
		25	25	19.00	17.99	18.14	18.12	
		50	0	19.00	18.21	18.20	18.01	
64QAM		1	0	19.00	18.24	18.16	18.12	
		1	25	19.00	18.13	18.04	17.80	
		1	49	19.00	18.29	18.23	18.37	
		25	0	19.00	18.23	18.07	18.18	
		25	13	19.00	18.15	18.51	18.45	
		25	25	19.00	18.25	18.42	18.23	
		50	0	19.00	18.16	18.10	18.07	
Bandwidth	Modulation	RB size	RB offset	Tune-up Max.	Channel 18675CH	Channel 18900CH	Channel 19125CH	
15MHz	QPSK	1	0	19.00	18.08	18.25	18.10	
		1	38	19.00	17.87	18.01	18.14	
		1	74	19.00	17.92	17.98	17.91	
		36	0	19.00	18.25	18.43	18.16	
		36	18	19.00	18.31	18.34	18.41	
		36	39	19.00	18.06	18.34	18.02	

	16QAM	75	0	19.00	18.12	18.15	18.09
		1	0	19.00	18.34	18.43	18.35
		1	38	19.00	18.20	18.08	17.97
		1	74	19.00	18.27	18.21	18.00
		36	0	19.00	18.34	18.04	18.17
		36	18	19.00	18.28	18.19	18.33
		36	39	19.00	18.24	18.24	17.97
		75	0	19.00	18.25	18.28	18.10
	64QAM	1	0	19.00	18.34	17.99	18.26
		1	38	19.00	18.18	18.00	17.75
		1	74	19.00	18.35	18.02	18.07
		36	0	19.00	18.18	18.37	18.31
		36	18	19.00	18.09	18.23	18.31
		36	39	19.00	18.30	18.31	18.11
75		0	19.00	18.11	18.28	18.07	
Bandwidth	Modulation	RB size	RB offset	Tune-up Max.	Channel 18700CH	Channel 18900CH	Channel 19100CH
20MHz	QPSK	1	0	19.00	18.11	18.18	18.15
		1	50	19.00	17.93	17.98	18.04
		1	99	19.00	18.02	18.09	18.04
		50	0	19.00	18.24	18.29	18.20
		50	25	19.00	18.23	18.33	18.34
		50	50	19.00	18.18	18.23	18.11
		100	0	19.00	18.22	18.24	18.17
	16QAM	1	0	19.00	18.21	18.33	18.32
		1	50	19.00	18.08	18.18	18.08
		1	99	19.00	18.36	18.15	18.12
		50	0	19.00	18.22	18.19	18.13
		50	25	19.00	18.17	18.22	18.29
		50	50	19.00	18.09	18.19	18.09
		100	0	19.00	18.13	18.17	18.11
	64QAM	1	0	19.00	18.29	18.12	18.21
		1	50	19.00	18.05	18.12	17.88
		1	99	19.00	18.30	18.14	18.17
		50	0	19.00	18.23	18.26	18.18
		50	25	19.00	18.20	18.29	18.30
		50	50	19.00	18.22	18.23	18.14
		100	0	19.00	18.15	18.21	18.17

Table 20: Test results conducted power measurement LTE Band 2 (Receiver ON/Receiver OFF+Hotspot)

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	18607CH	18900CH	19193CH
1.4MHz	QPSK	1	0	14.50	13.55	13.76	13.53
		1	3	14.50	13.68	13.96	13.45
		1	5	14.50	13.75	13.57	13.82
		3	0	14.50	13.70	13.83	13.86
		3	2	14.50	13.80	14.06	13.90
		3	3	14.50	13.73	13.86	13.68
		6	0	14.50	13.58	13.76	13.78
	16QAM	1	0	14.50	13.91	13.87	13.63
		1	3	14.50	13.74	14.19	13.50
		1	5	14.50	13.72	14.13	13.73
		3	0	14.50	13.65	13.67	13.55
		3	2	14.50	13.98	13.67	13.54
		3	3	14.50	14.04	13.41	13.42
		6	0	14.50	13.48	13.87	13.60
	64QAM	1	0	14.50	13.95	13.71	14.00
		1	3	14.50	13.16	13.13	13.54
		1	5	14.50	13.62	14.03	13.80
		3	0	14.50	13.53	13.72	13.70
		3	2	14.50	13.68	13.82	13.66
		3	3	14.50	13.78	13.46	13.42
		6	0	14.50	13.84	13.85	13.62
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
3MHz	QPSK	1	0	14.50	13.55	13.83	13.49
		1	7	14.50	13.58	13.85	13.35
		1	14	14.50	13.61	13.61	13.86
		8	0	14.50	13.81	13.86	13.58
		8	4	14.50	13.60	13.69	13.75
		8	7	14.50	13.83	13.84	13.75
		15	0	14.50	13.83	13.68	13.77
	16QAM	1	0	14.50	14.02	13.98	13.61
		1	7	14.50	13.83	14.19	13.65
		1	14	14.50	13.85	13.99	13.87
		8	0	14.50	13.70	13.56	13.59
		8	4	14.50	14.09	13.92	13.55
		8	7	14.50	13.92	13.56	13.49
		15	0	14.50	13.61	13.66	13.66
	64QAM	1	0	14.50	13.97	13.71	14.09
		1	7	14.50	13.06	12.97	13.46
		1	14	14.50	13.52	14.03	13.51
		8	0	14.50	13.70	14.00	13.79
		8	4	14.50	13.77	13.78	13.32
		8	7	14.50	13.77	13.53	13.63
		15	0	14.50	13.91	13.80	13.57
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
5MHz	QPSK	1	0	14.50	13.56	13.70	13.40
		1	13	14.50	13.70	13.68	13.64

		1	24	14.50	13.57	13.62	13.90	
		12	0	14.50	13.74	13.86	13.78	
		12	6	14.50	13.64	13.79	13.99	
		12	13	14.50	13.59	13.78	13.62	
		25	0	14.50	13.76	13.68	13.73	
	16QAM	1	0	14.50	13.63	14.03	13.45	
		1	13	14.50	13.77	14.17	13.53	
		1	24	14.50	13.85	13.95	13.78	
		12	0	14.50	13.52	13.53	13.71	
		12	6	14.50	13.87	13.87	13.72	
		12	13	14.50	13.94	13.59	13.54	
		25	0	14.50	13.40	13.81	13.93	
	64QAM	1	0	14.50	13.82	13.57	13.99	
		1	13	14.50	13.45	13.13	13.53	
		1	24	14.50	13.71	13.92	13.58	
		12	0	14.50	13.85	13.78	13.88	
		12	6	14.50	13.90	13.71	13.45	
		12	13	14.50	13.56	13.53	13.45	
		25	0	14.50	13.77	13.70	13.38	
	Bandwidth	Modulation	RB size	RB offset	Tune-up Max.	Channel 18650CH	Channel 18900CH	Channel 19150CH
	10MHz	QPSK	1	0	14.50	13.60	13.99	13.72
1			25	14.50	13.58	13.49	13.50	
1			49	14.50	13.75	13.50	13.57	
25			0	14.50	13.56	13.93	13.85	
25			13	14.50	13.51	13.74	13.87	
25			25	14.50	13.88	13.80	13.53	
50			0	14.50	13.59	13.58	13.65	
16QAM		1	0	14.50	13.65	13.81	13.67	
		1	25	14.50	13.93	13.86	13.53	
		1	49	14.50	13.96	14.11	13.90	
		25	0	14.50	13.77	13.41	13.61	
		25	13	14.50	13.90	13.91	13.79	
		25	25	14.50	13.80	13.69	13.45	
		50	0	14.50	13.53	13.79	13.76	
64QAM		1	0	14.50	13.82	13.48	13.93	
		1	25	14.50	13.25	13.18	13.59	
		1	49	14.50	13.43	13.86	13.70	
		25	0	14.50	13.70	13.70	13.76	
		25	13	14.50	13.86	13.83	13.64	
		25	25	14.50	13.72	13.67	13.46	
		50	0	14.50	13.59	13.99	13.55	
Bandwidth	Modulation	RB size	RB offset	Tune-up Max.	Channel 18675CH	Channel 18900CH	Channel 19125CH	
15MHz	QPSK	1	0	14.50	13.54	13.85	13.58	
		1	38	14.50	13.67	13.60	13.53	
		1	74	14.50	13.75	13.61	13.69	
		36	0	14.50	13.69	13.91	13.73	
		36	18	14.50	13.64	13.80	13.85	
		36	39	14.50	13.83	13.85	13.64	

	16QAM	75	0	14.50	13.66	13.67	13.73
		1	0	14.50	13.75	13.94	13.69
		1	38	14.50	13.83	13.91	13.55
		1	74	14.50	14.04	13.99	13.78
		36	0	14.50	13.65	13.53	13.73
		36	18	14.50	13.79	13.78	13.70
		36	39	14.50	13.73	13.71	13.57
		75	0	14.50	13.56	13.78	13.66
	64QAM	1	0	14.50	13.79	13.62	13.89
		1	38	14.50	13.39	13.22	13.53
		1	74	14.50	13.43	13.73	13.60
		36	0	14.50	13.83	13.62	13.75
		36	18	14.50	13.78	13.74	13.66
		36	39	14.50	13.60	13.74	13.54
75		0	14.50	13.62	13.94	13.59	
Bandwidth	Modulation	RB size	RB offset	Tune-up Max.	Channel 18700CH	Channel 18900CH	Channel 19100CH
20MHz	QPSK	1	0	14.50	13.67	13.71	13.71
		1	50	14.50	13.55	13.58	13.58
		1	99	14.50	13.63	13.65	13.61
		50	0	14.50	13.72	13.80	13.73
		50	25	14.50	13.73	13.77	13.87
		50	50	14.50	13.71	13.73	13.71
		100	0	14.50	13.75	13.74	13.75
	16QAM	1	0	14.50	13.81	14.02	13.84
		1	50	14.50	13.70	13.81	13.59
		1	99	14.50	13.90	13.90	13.90
		50	0	14.50	13.64	13.67	13.72
		50	25	14.50	13.74	13.72	13.73
		50	50	14.50	13.72	13.65	13.60
		100	0	14.50	13.59	13.64	13.65
	64QAM	1	0	14.50	13.64	13.53	13.76
		1	50	14.50	13.52	13.14	13.65
		1	99	14.50	13.54	13.73	13.54
		50	0	14.50	13.72	13.74	13.68
		50	25	14.50	13.72	13.70	13.77
		50	50	14.50	13.75	13.77	13.63
		100	0	14.50	13.73	13.80	13.69

Table 21: Test results conducted power measurement LTE Band 2 (Receiver ON+Hotspot)

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	18607CH	18900CH	19193CH
1.4MHz	QPSK	1	0	21.00	20.45	20.21	20.24
		1	3	21.00	20.02	20.14	19.85
		1	5	21.00	20.05	20.31	20.24
		3	0	21.00	20.12	19.94	19.87
		3	2	21.00	20.16	20.19	20.28
		3	3	21.00	20.15	20.30	20.19
		6	0	21.00	20.27	20.47	20.36
	16QAM	1	0	21.00	20.55	20.90	20.42
		1	3	21.00	20.25	20.43	20.33
		1	5	21.00	19.88	20.57	20.23
		3	0	21.00	19.86	20.38	19.70
		3	2	21.00	19.97	20.51	20.14
		3	3	21.00	20.20	20.00	20.16
		6	0	21.00	19.86	19.99	19.90
	64QAM	1	0	21.00	20.27	20.13	19.77
		1	3	21.00	19.78	19.80	19.67
		1	5	21.00	20.26	20.31	19.83
		3	0	21.00	20.13	20.24	20.25
		3	2	21.00	20.05	20.19	20.33
		3	3	21.00	20.41	20.42	20.25
		6	0	21.00	20.27	20.52	20.03
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
3MHz	QPSK	1	0	21.00	20.40	20.15	20.03
		1	7	21.00	19.90	20.20	19.96
		1	14	21.00	20.24	20.23	20.17
		8	0	21.00	19.98	19.82	19.83
		8	4	21.00	20.09	20.26	20.34
		8	7	21.00	19.97	20.06	19.97
		15	0	21.00	20.22	20.41	20.37
	16QAM	1	0	21.00	20.39	20.64	20.40
		1	7	21.00	20.27	20.42	20.36
		1	14	21.00	20.07	20.21	20.42
		8	0	21.00	19.86	20.30	19.59
		8	4	21.00	19.71	20.26	20.10
		8	7	21.00	20.47	20.31	20.18
		15	0	21.00	19.77	19.88	20.17
	64QAM	1	0	21.00	20.15	20.25	19.95
		1	7	21.00	19.75	19.82	19.72
		1	14	21.00	20.31	20.34	19.98
		8	0	21.00	20.37	20.31	20.18
		8	4	21.00	20.06	20.28	20.29
		8	7	21.00	20.28	20.55	20.11
		15	0	21.00	20.21	20.34	20.16
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
5MHz	QPSK	1	0	21.00	20.32	20.06	20.05
		1	13	21.00	19.93	20.09	20.08

		1	24	21.00	20.42	19.99	20.04	
		12	0	21.00	19.97	20.00	20.07	
		12	6	21.00	20.24	20.48	20.31	
		12	13	21.00	20.17	20.08	20.01	
		25	0	21.00	20.07	20.32	20.11	
	16QAM	1	0	21.00	20.45	20.65	20.30	
		1	13	21.00	20.37	20.31	20.49	
		1	24	21.00	20.28	20.41	20.36	
		12	0	21.00	19.80	20.30	19.84	
		12	6	21.00	19.84	20.25	20.20	
		12	13	21.00	20.33	20.14	19.93	
		25	0	21.00	19.74	20.20	20.05	
	64QAM	1	0	21.00	20.21	20.21	19.92	
		1	13	21.00	19.94	19.82	19.89	
		1	24	21.00	20.13	20.19	19.93	
		12	0	21.00	20.27	20.33	20.37	
		12	6	21.00	20.32	20.22	20.03	
		12	13	21.00	20.15	20.26	20.28	
		25	0	21.00	20.23	20.37	20.13	
	Bandwidth	Modulation	RB size	RB offset	Tune-up Max.	Channel 18650CH	Channel 18900CH	Channel 19150CH
	10MHz	QPSK	1	0	21.00	20.43	20.18	20.28
1			25	21.00	19.89	20.18	19.93	
1			49	21.00	20.12	20.05	20.01	
25			0	21.00	20.12	20.11	20.18	
25			13	21.00	20.28	20.34	20.21	
25			25	21.00	20.31	20.32	20.28	
50			0	21.00	20.12	20.42	20.11	
16QAM		1	0	21.00	20.51	20.63	20.42	
		1	25	21.00	20.37	20.34	20.41	
		1	49	21.00	20.36	20.19	20.23	
		25	0	21.00	19.97	20.32	19.94	
		25	13	21.00	20.05	20.09	20.17	
		25	25	21.00	20.13	20.06	20.24	
		50	0	21.00	19.98	20.08	20.07	
64QAM		1	0	21.00	20.29	20.23	20.04	
		1	25	21.00	19.88	19.76	19.76	
		1	49	21.00	20.26	20.07	19.98	
		25	0	21.00	20.32	20.14	20.00	
		25	13	21.00	20.28	20.35	20.23	
		25	25	21.00	20.42	20.11	20.04	
		50	0	21.00	19.93	20.24	20.23	
Bandwidth	Modulation	RB size	RB offset	Tune-up Max.	Channel 18675CH	Channel 18900CH	Channel 19125CH	
15MHz	QPSK	1	0	21.00	20.32	20.17	20.18	
		1	38	21.00	19.81	20.13	19.87	
		1	74	21.00	20.26	20.11	20.07	
		36	0	21.00	20.20	20.07	20.18	
		36	18	21.00	20.32	20.22	20.36	
		36	39	21.00	20.18	20.22	20.16	

	16QAM	75	0	21.00	20.25	20.27	20.19
		1	0	21.00	20.41	20.49	20.36
		1	38	21.00	20.24	20.35	20.33
		1	74	21.00	20.23	20.26	20.32
		36	0	21.00	20.02	20.27	20.00
		36	18	21.00	19.96	20.22	20.21
		36	39	21.00	20.23	20.03	20.16
		75	0	21.00	20.00	19.95	20.01
	64QAM	1	0	21.00	20.20	20.14	19.94
		1	38	21.00	19.92	19.69	19.83
		1	74	21.00	20.25	20.19	20.05
		36	0	21.00	20.30	20.19	20.13
		36	18	21.00	20.30	20.22	20.27
		36	39	21.00	20.36	20.20	20.14
75		0	21.00	19.96	20.20	20.20	
Bandwidth	Modulation	RB size	RB offset	Tune-up Max.	Channel 18700CH	Channel 18900CH	Channel 19100CH
20MHz	QPSK	1	0	21.00	20.20	20.13	20.12
		1	50	21.00	19.95	20.04	19.92
		1	99	21.00	20.15	20.08	20.00
		50	0	21.00	20.17	20.17	20.24
		50	25	21.00	20.26	20.25	20.25
		50	50	21.00	20.22	20.18	20.11
		100	0	21.00	20.19	20.17	20.16
	16QAM	1	0	21.00	20.53	20.41	20.33
		1	50	21.00	20.13	20.32	20.27
		1	99	21.00	20.27	20.41	20.20
		50	0	21.00	20.13	20.14	20.10
		50	25	21.00	20.11	20.13	20.21
		50	50	21.00	20.16	20.09	20.10
		100	0	21.00	20.09	20.08	20.15
	64QAM	1	0	21.00	20.30	20.15	19.95
		1	50	21.00	19.80	19.80	19.85
		1	99	21.00	20.30	20.28	20.14
		50	0	21.00	20.17	20.15	20.20
		50	25	21.00	20.26	20.19	20.26
		50	50	21.00	20.23	20.12	20.10
		100	0	21.00	20.09	20.13	20.15

Table 22: Test results conducted power measurement LTE Band 2 (Receiver OFF+WIFI)

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	18607CH	18900CH	19193CH
1.4MHz	QPSK	1	0	16.50	15.51	15.46	15.66
		1	3	16.50	15.37	15.73	15.19
		1	5	16.50	15.61	15.48	15.31
		3	0	16.50	15.40	15.64	15.54
		3	2	16.50	15.71	16.16	15.97
		3	3	16.50	16.03	15.54	15.33
		6	0	16.50	15.41	15.69	15.55
	16QAM	1	0	16.50	15.76	16.22	15.89
		1	3	16.50	15.48	16.05	15.49
		1	5	16.50	15.90	15.95	15.30
		3	0	16.50	15.85	15.67	15.83
		3	2	16.50	15.51	16.22	15.78
		3	3	16.50	15.39	15.93	15.77
		6	0	16.50	15.67	15.82	15.66
	64QAM	1	0	16.50	15.60	15.55	15.92
		1	3	16.50	16.12	15.36	15.19
		1	5	16.50	15.90	15.16	15.46
		3	0	16.50	15.61	15.86	15.88
		3	2	16.50	15.50	15.65	15.72
		3	3	16.50	15.73	15.32	15.83
		6	0	16.50	15.46	15.88	15.65
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
3MHz	QPSK	1	0	16.50	15.62	15.76	15.81
		1	7	16.50	15.31	15.43	15.26
		1	14	16.50	15.67	15.72	15.38
		8	0	16.50	15.67	15.64	15.59
		8	4	16.50	15.94	16.10	15.87
		8	7	16.50	15.88	15.66	15.55
		15	0	16.50	15.68	15.92	15.51
	16QAM	1	0	16.50	15.86	16.18	15.80
		1	7	16.50	15.58	16.03	15.41
		1	14	16.50	15.99	15.80	15.53
		8	0	16.50	15.71	15.56	15.72
		8	4	16.50	15.47	16.21	16.02
		8	7	16.50	15.47	15.86	15.48
		15	0	16.50	15.41	15.60	15.91
	64QAM	1	0	16.50	15.70	15.75	15.81
		1	7	16.50	15.78	15.26	15.22
		1	14	16.50	15.92	15.29	15.50
		8	0	16.50	15.77	15.62	16.00
		8	4	16.50	15.66	15.60	15.76
		8	7	16.50	15.94	15.40	15.92
		15	0	16.50	15.61	15.72	15.61
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
5MHz	QPSK	1	0	16.50	15.68	15.69	15.67
		1	13	16.50	15.40	15.51	15.33

		1	24	16.50	15.57	15.57	15.30	
		12	0	16.50	15.62	15.71	15.59	
		12	6	16.50	15.81	16.07	15.87	
		12	13	16.50	15.86	15.63	15.55	
		25	0	16.50	15.60	15.94	15.50	
	16QAM	1	0	16.50	15.77	16.20	15.76	
		1	13	16.50	15.65	16.11	15.48	
		1	24	16.50	15.90	15.85	15.50	
		12	0	16.50	15.79	15.60	15.77	
		12	6	16.50	15.57	16.07	15.88	
		12	13	16.50	15.53	15.77	15.56	
		25	0	16.50	15.51	15.61	15.82	
	64QAM	1	0	16.50	15.66	15.71	15.79	
		1	13	16.50	15.88	15.34	15.22	
		1	24	16.50	15.84	15.30	15.60	
		12	0	16.50	15.71	15.67	16.02	
		12	6	16.50	15.56	15.66	15.64	
		12	13	16.50	15.80	15.52	15.87	
		25	0	16.50	15.49	15.65	15.59	
	Bandwidth	Modulation	RB size	RB offset	Tune-up Max.	Channel 18650CH	Channel 18900CH	Channel 19150CH
	10MHz	QPSK	1	0	16.50	15.58	15.64	15.68
1			25	16.50	15.41	15.40	15.69	
1			49	16.50	15.62	15.54	15.64	
25			0	16.50	15.82	15.88	15.65	
25			13	16.50	15.77	15.83	15.91	
25			25	16.50	15.95	15.71	15.70	
50			0	16.50	15.64	15.81	15.78	
16QAM		1	0	16.50	15.94	15.91	15.88	
		1	25	16.50	15.84	16.16	15.62	
		1	49	16.50	16.07	15.82	15.70	
		25	0	16.50	15.80	15.59	15.45	
		25	13	16.50	15.65	15.73	15.72	
		25	25	16.50	15.61	15.70	15.68	
		50	0	16.50	15.66	15.44	15.63	
64QAM		1	0	16.50	15.76	15.83	15.68	
		1	25	16.50	15.51	15.35	15.26	
		1	49	16.50	15.97	15.52	15.86	
		25	0	16.50	15.61	15.66	15.83	
		25	13	16.50	15.58	15.83	15.54	
		25	25	16.50	15.91	15.70	15.72	
		50	0	16.50	15.45	15.76	15.83	
Bandwidth	Modulation	RB size	RB offset	Tune-up Max.	Channel 18675CH	Channel 18900CH	Channel 19125CH	
15MHz	QPSK	1	0	16.50	15.68	15.57	15.57	
		1	38	16.50	15.39	15.49	15.61	
		1	74	16.50	15.80	15.74	15.66	
		36	0	16.50	15.63	15.76	15.65	
		36	18	16.50	15.84	15.92	15.91	
		36	39	16.50	15.60	15.64	15.67	

	16QAM	75	0	16.50	15.77	15.75	15.71
		1	0	16.50	16.03	16.01	15.95
		1	38	16.50	15.80	16.04	15.44
		1	74	16.50	16.05	15.88	15.91
		36	0	16.50	15.69	15.64	15.53
		36	18	16.50	15.75	15.66	15.68
		36	39	16.50	15.68	15.56	15.76
		75	0	16.50	15.65	15.68	15.65
	64QAM	1	0	16.50	15.83	15.65	15.57
		1	38	16.50	15.60	15.35	15.13
		1	74	16.50	15.86	15.52	15.85
		36	0	16.50	15.76	15.67	15.81
		36	18	16.50	15.77	15.66	15.71
		36	39	16.50	15.64	15.75	15.81
75		0	16.50	15.63	15.72	15.75	
Bandwidth	Modulation	RB size	RB offset	Tune-up Max.	Channel 18700CH	Channel 18900CH	Channel 19100CH
20MHz	QPSK	1	0	16.50	15.66	15.62	15.72
		1	50	16.50	15.43	15.54	15.55
		1	99	16.50	15.65	15.68	15.57
		50	0	16.50	15.77	15.78	15.69
		50	25	16.50	15.73	15.83	15.81
		50	50	16.50	15.71	15.74	15.68
		100	0	16.50	15.71	15.75	15.74
	16QAM	1	0	16.50	15.90	15.97	15.84
		1	50	16.50	15.79	15.96	15.58
		1	99	16.50	16.02	15.86	15.77
		50	0	16.50	15.63	15.71	15.64
		50	25	16.50	15.65	15.70	15.70
		50	50	16.50	15.60	15.69	15.63
		100	0	16.50	15.62	15.63	15.63
	64QAM	1	0	16.50	15.71	15.75	15.59
		1	50	16.50	15.66	15.44	15.16
		1	99	16.50	15.82	15.64	15.71
		50	0	16.50	15.68	15.66	15.77
		50	25	16.50	15.68	15.72	15.71
		50	50	16.50	15.74	15.69	15.71
		100	0	16.50	15.65	15.65	15.64

Table 23: Test results conducted power measurement LTE Band 2 (Receiver ON+WIFI)

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

1.7 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	24.14	24.19	24.16
		1	3	25.00	23.89	23.88	23.83
		1	5	25.00	24.23	24.05	24.11
		3	0	25.00	24.11	24.09	23.91
		3	2	25.00	23.94	24.03	24.09
		3	3	25.00	24.10	24.18	24.22
		6	0	24.00	23.27	23.15	23.07
	16QAM	1	0	24.00	23.26	23.50	23.35
		1	3	24.00	22.92	23.08	23.09
		1	5	24.00	23.44	23.08	23.34
		3	0	24.00	23.40	23.14	23.01
		3	2	24.00	23.16	23.23	23.00
		3	3	24.00	23.26	22.96	22.80
		6	0	23.00	22.12	21.97	21.99
	64QAM	1	0	23.00	22.01	22.14	22.03
		1	3	23.00	21.91	21.87	21.85
		1	5	23.00	22.29	22.11	22.29
		3	0	23.00	22.24	22.22	22.15
		3	2	23.00	22.08	22.29	22.09
		3	3	23.00	22.43	22.07	22.05
		6	0	22.00	21.07	20.98	20.95
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
3MHz	QPSK	1	0	25.00	24.00	24.01	23.86
		1	7	25.00	23.73	23.80	23.46
		1	14	25.00	23.96	23.76	24.14
		8	0	24.00	22.83	22.96	22.93
		8	4	24.00	22.95	22.93	22.97
		8	7	24.00	22.91	22.97	23.06
		15	0	24.00	22.74	22.90	22.88
	16QAM	1	0	24.00	23.10	22.81	23.03
		1	7	24.00	22.61	22.59	23.00
		1	14	24.00	23.12	23.11	22.83
		8	0	23.00	21.90	21.92	21.99
		8	4	23.00	21.85	21.95	21.64
		8	7	23.00	21.99	22.04	22.09
		15	0	23.00	21.75	21.92	21.98
	64QAM	1	0	23.00	21.62	21.85	22.04
		1	7	23.00	21.77	21.51	21.94
		1	14	23.00	21.79	22.33	22.02
		8	0	22.00	21.15	20.90	21.17
		8	4	22.00	20.94	20.78	20.87
		8	7	22.00	21.04	20.95	20.93
		15	0	22.00	21.16	20.69	20.98
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	20415CH	20525CH	20635CH

				Max.	20425CH	20525CH	20625CH
5MHz	QPSK	1	0	25.00	23.98	23.89	24.12
		1	13	25.00	23.61	23.54	23.40
		1	24	25.00	24.00	24.02	24.16
		12	0	24.00	22.84	23.11	23.01
		12	6	24.00	22.88	23.03	22.96
		12	13	24.00	22.94	22.92	23.07
		25	0	24.00	22.89	23.17	23.07
	16QAM	1	0	24.00	23.18	22.96	23.11
		1	13	24.00	22.74	22.43	22.89
		1	24	24.00	23.14	23.22	23.08
		12	0	23.00	21.76	21.93	22.05
		12	6	23.00	22.02	21.99	21.72
		12	13	23.00	21.93	21.92	21.93
		25	0	23.00	21.79	22.04	21.95
	64QAM	1	0	23.00	21.82	21.93	22.00
		1	13	23.00	21.85	21.68	21.62
		1	24	23.00	21.74	22.25	21.98
		12	0	22.00	20.86	20.94	21.05
		12	6	22.00	20.80	20.84	20.89
		12	13	22.00	20.80	21.05	20.83
		25	0	22.00	20.90	20.84	21.02
Bandwidth	Modulation	RB size	RB offset	Tune-up Max.	Channel 20450CH	Channel 20525CH	Channel 20600CH
10MHz	QPSK	1	0	25.00	24.00	23.99	24.04
		1	25	25.00	23.55	23.66	23.37
		1	49	25.00	23.94	23.97	24.07
		25	0	24.00	22.90	23.00	23.04
		25	13	24.00	22.95	22.96	23.02
		25	25	24.00	22.94	23.00	23.07
		50	0	24.00	22.89	23.02	22.99
	16QAM	1	0	24.00	23.16	22.95	23.11
		1	25	24.00	22.87	22.49	22.83
		1	49	24.00	23.15	23.10	22.93
		25	0	23.00	21.86	21.86	21.99
		25	13	23.00	21.89	21.96	21.86
		25	25	23.00	21.90	21.91	22.02
		50	0	23.00	21.89	21.95	21.90
	64QAM	1	0	23.00	21.83	22.00	22.10
		1	25	23.00	21.79	21.71	21.70
		1	49	23.00	21.86	22.12	21.93
		25	0	22.00	20.92	20.89	21.09
		25	13	22.00	20.91	20.95	20.92
		25	25	22.00	20.88	21.01	20.95
		50	0	22.00	20.97	20.91	20.96

Table 24: Test results conducted power measurement LTE Band 5 (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	23.25	23.19	23.32	
		1	3	24.00	22.62	22.73	22.91	
		1	5	24.00	23.41	23.34	23.23	
		3	0	24.00	23.00	23.03	22.88	
		3	2	24.00	23.06	23.09	23.03	
		3	3	24.00	23.03	23.19	22.91	
	16QAM	6	0	24.00	23.04	23.09	23.12	
		1	0	24.00	23.61	23.31	23.14	
		1	3	24.00	23.02	23.06	22.87	
		1	5	24.00	23.38	23.15	23.71	
		3	0	24.00	23.13	22.98	23.02	
		3	2	24.00	23.09	23.11	22.96	
	64QAM	3	3	24.00	23.12	23.09	22.92	
		6	0	23.00	22.12	22.14	22.10	
		1	0	23.00	22.26	22.22	22.15	
		1	3	23.00	21.69	21.99	22.10	
		1	5	23.00	22.45	22.14	22.44	
		3	0	23.00	22.28	22.22	22.23	
	3MHz	QPSK	3	2	23.00	22.04	21.77	21.96
			3	3	23.00	22.17	22.20	22.17
			6	0	22.00	21.27	20.92	20.83
1			0	24.00	23.21	23.07	23.18	
1			7	24.00	23.29	23.18	23.27	
1			14	24.00	23.18	23.13	23.22	
8			0	24.00	23.37	23.32	22.96	
16QAM		8	4	24.00	23.24	23.13	23.05	
		8	7	24.00	23.18	23.11	23.14	
		15	0	24.00	23.21	22.98	23.15	
		1	0	24.00	23.57	23.23	23.34	
		1	7	24.00	23.42	23.36	23.04	
		1	14	24.00	23.19	23.21	23.04	
		8	0	23.00	22.30	22.22	22.02	
64QAM		8	4	23.00	22.13	21.86	22.25	
		8	7	23.00	22.25	22.26	22.20	
		15	0	23.00	22.08	22.18	21.92	
		1	0	23.00	22.23	22.30	22.11	
		1	7	23.00	22.26	22.23	22.26	
		1	14	23.00	22.29	22.16	22.21	
		8	0	22.00	21.13	21.01	21.12	
5MHz	QPSK	8	4	22.00	21.00	21.03	21.11	
		8	7	22.00	21.15	21.32	21.17	
5MHz	QPSK	15	0	22.00	21.20	21.13	21.11	
		1	0	24.00	22.95	22.91	23.02	
		1	13	24.00	22.64	22.48	22.69	

		1	24	24.00	23.02	23.08	23.02	
		12	0	24.00	22.76	22.94	23.16	
		12	6	24.00	22.93	23.03	23.02	
		12	13	24.00	22.76	23.05	23.10	
		25	0	24.00	23.01	23.02	23.04	
	16QAM	1	0	24.00	23.15	22.69	22.97	
		1	13	24.00	22.61	22.73	22.81	
		1	24	24.00	22.96	23.10	22.84	
		12	0	23.00	21.97	21.88	21.98	
		12	6	23.00	21.87	22.05	21.91	
		12	13	23.00	21.91	22.04	21.95	
		25	0	23.00	21.76	21.97	22.02	
	64QAM	1	0	23.00	21.84	22.04	22.25	
		1	13	23.00	21.53	21.54	21.65	
		1	24	23.00	21.97	21.96	22.13	
		12	0	22.00	20.81	20.95	21.00	
		12	6	22.00	21.06	20.78	21.01	
		12	13	22.00	20.93	21.07	20.99	
		25	0	22.00	20.99	21.04	20.84	
	Bandwidth	Modulation	RB size	RB offset	Tune-up Max.	Channel 20450CH	Channel 20525CH	Channel 20600CH
	10MHz	QPSK	1	0	24.00	22.88	22.87	22.93
1			25	24.00	22.64	22.59	22.60	
1			49	24.00	22.90	22.95	23.01	
25			0	24.00	22.90	22.89	23.10	
25			13	24.00	22.90	23.00	23.03	
25			25	24.00	22.91	23.03	23.06	
50			0	24.00	22.91	22.99	22.94	
16QAM		1	0	24.00	23.02	22.79	23.10	
		1	25	24.00	22.57	22.75	22.78	
		1	49	24.00	23.06	23.16	22.92	
		25	0	23.00	21.87	21.84	22.00	
		25	13	23.00	21.89	21.95	21.93	
		25	25	23.00	21.83	21.91	22.04	
		50	0	23.00	21.84	21.94	21.90	
64QAM		1	0	23.00	21.72	21.98	22.14	
		1	25	23.00	21.52	21.69	21.74	
		1	49	23.00	22.03	21.96	22.14	
		25	0	22.00	20.87	20.87	21.04	
		25	13	22.00	20.91	20.87	20.92	
		25	25	22.00	20.88	20.95	20.89	
		50	0	22.00	20.96	20.89	20.96	

Table 25: Test results conducted power measurement LTE Band 5 (Receiver ON/Receiver OFF+Hotspot/Receiver ON+WIFI)

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	20407CH	20525CH	20643CH
1.4MHz	QPSK	1	0	23.00	22.10	22.04	22.14
		1	3	23.00	22.02	22.00	21.73
		1	5	23.00	22.17	22.23	22.30
		3	0	23.00	21.98	22.21	22.21
		3	2	23.00	21.97	21.85	22.01
		3	3	23.00	21.93	22.17	22.05
		6	0	23.00	22.29	21.91	22.09
	16QAM	1	0	23.00	22.30	22.33	22.11
		1	3	23.00	21.81	22.05	21.82
		1	5	23.00	22.27	22.34	22.27
		3	0	23.00	22.06	21.98	21.95
		3	2	23.00	22.04	22.08	22.00
		3	3	23.00	22.25	21.97	22.02
		6	0	23.00	22.06	21.96	21.99
	64QAM	1	0	23.00	22.35	22.18	22.18
		1	3	23.00	22.19	21.91	21.69
		1	5	23.00	22.51	22.21	21.97
		3	0	23.00	22.17	22.18	22.26
		3	2	23.00	22.00	21.80	21.99
		3	3	23.00	22.20	22.01	21.88
		6	0	22.00	21.01	21.08	20.85
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	20415CH	20525CH	20635CH
3MHz	QPSK	1	0	23.00	21.99	22.02	21.93
		1	7	23.00	21.94	21.57	21.66
		1	14	23.00	21.90	22.04	22.21
		8	0	23.00	21.76	22.11	21.98
		8	4	23.00	22.04	22.02	22.11
		8	7	23.00	21.84	22.11	22.23
		15	0	23.00	21.96	22.04	22.12
	16QAM	1	0	23.00	21.90	21.65	21.96
		1	7	23.00	21.47	21.86	22.03
		1	14	23.00	22.27	21.95	22.11
		8	0	23.00	21.84	21.86	22.06
		8	4	23.00	21.84	21.84	22.04
		8	7	23.00	21.86	22.26	22.10
		15	0	23.00	22.03	22.22	21.94
	64QAM	1	0	23.00	21.86	22.08	22.14
		1	7	23.00	21.52	21.46	21.38
		1	14	23.00	22.26	21.99	22.41
		8	0	22.00	20.95	20.85	21.10
		8	4	22.00	21.14	21.09	21.17
		8	7	22.00	20.90	21.06	21.01
		15	0	22.00	21.12	20.91	21.09
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	20425CH	20525CH	20625CH
5MHz	QPSK	1	0	23.00	22.10	22.00	21.77
		1	13	23.00	21.64	21.78	21.74

		1	24	23.00	22.06	21.98	22.04	
		12	0	23.00	22.00	22.02	21.91	
		12	6	23.00	21.92	22.07	22.04	
		12	13	23.00	22.00	22.09	22.20	
		25	0	23.00	21.98	21.89	22.14	
	16QAM	1	0	23.00	22.12	22.02	22.26	
		1	13	23.00	21.64	21.64	21.80	
		1	24	23.00	21.88	21.99	22.01	
		12	0	23.00	22.01	21.92	21.94	
		12	6	23.00	22.04	21.83	21.97	
		12	13	23.00	21.97	22.05	22.06	
		25	0	23.00	21.88	22.12	21.80	
	64QAM	1	0	23.00	22.07	22.08	21.83	
		1	13	23.00	21.57	21.38	21.67	
		1	24	23.00	22.21	21.97	22.27	
		12	0	22.00	21.04	20.93	21.24	
		12	6	22.00	20.85	20.94	20.93	
		12	13	22.00	21.04	20.94	21.23	
		25	0	22.00	20.93	21.14	21.09	
	Bandwidth	Modulation	RB size	RB offset	Tune-up Max.	Channel 20450CH	Channel 20525CH	Channel 20600CH
	10MHz	QPSK	1	0	23.00	22.01	22.06	21.92
1			25	23.00	21.73	21.64	21.69	
1			49	23.00	22.02	21.97	22.01	
25			0	23.00	21.93	22.01	22.05	
25			13	23.00	22.01	21.97	22.07	
25			25	23.00	21.99	21.98	22.07	
50			0	23.00	21.95	21.96	22.09	
16QAM		1	0	23.00	22.02	21.88	22.21	
		1	25	23.00	21.65	21.76	21.85	
		1	49	23.00	22.02	21.97	22.14	
		25	0	23.00	21.94	22.01	22.09	
		25	13	23.00	21.93	21.98	22.00	
		25	25	23.00	21.92	22.02	22.09	
		50	0	23.00	21.91	21.99	21.93	
64QAM		1	0	23.00	21.99	22.05	21.95	
		1	25	23.00	21.53	21.39	21.60	
		1	49	23.00	22.19	22.07	22.22	
		25	0	22.00	20.94	20.99	21.13	
		25	13	22.00	20.98	21.03	20.94	
		25	25	22.00	20.97	21.06	21.15	
		50	0	22.00	20.95	21.02	20.98	

Table 26: Test results conducted power measurement LTE Band 5 (Receiver ON+Hotspot)

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

1.8 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	22.20	21.33	21.20	20.95
		1	13	22.20	21.31	20.78	20.44
		1	24	22.20	21.38	20.93	20.50
		12	0	22.20	21.29	21.06	20.57
		12	6	22.20	21.63	21.01	20.91
		12	13	22.20	21.40	20.96	20.52
		25	0	22.20	21.21	21.10	20.91
	16QAM	1	0	22.20	21.74	21.24	21.12
		1	13	22.20	21.19	21.15	20.84
		1	24	22.20	21.33	20.99	20.33
		12	0	22.20	21.46	21.08	20.88
		12	6	22.20	21.38	21.38	20.46
		12	13	22.20	21.65	20.96	20.69
		25	0	22.20	21.17	20.91	20.51
	64QAM	1	0	22.20	21.59	21.12	21.03
		1	13	22.20	21.08	20.37	20.24
		1	24	22.20	21.27	21.02	20.33
		12	0	21.70	20.63	20.33	20.71
		12	6	21.70	20.75	20.72	19.96
		12	13	21.70	20.55	20.68	20.10
		25	0	21.70	20.78	20.50	19.89
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
10MHz	QPSK	1	0	22.20	21.39	21.15	20.92
		1	25	22.20	21.29	20.90	20.63
		1	49	22.20	21.32	20.86	20.50
		25	0	22.20	21.41	21.39	20.67
		25	13	22.20	21.49	21.09	20.76
		25	25	22.20	21.41	20.93	20.50
		50	0	22.20	21.17	21.06	20.90
	16QAM	1	0	22.20	21.89	21.29	20.91
		1	25	22.20	21.20	21.00	20.75
		1	49	22.20	21.31	20.99	20.40
		25	0	22.20	21.39	21.04	20.96
		25	13	22.20	21.51	21.28	20.66
		25	25	22.20	21.29	20.84	20.54
		50	0	22.20	21.40	20.82	20.62
	64QAM	1	0	22.20	21.26	21.11	20.90
		1	25	22.20	21.22	20.43	20.56
		1	49	22.20	21.29	20.78	20.56
		25	0	21.70	20.97	20.45	20.35
		25	13	21.70	20.69	20.62	20.10
		25	25	21.70	20.69	20.44	20.23
		50	0	21.70	20.95	20.58	20.09
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	20800CH	21100CH	21400CH

				Max.	20825CH	21100CH	21375CH
15MHz	QPSK	1	0	22.20	21.38	21.14	20.86
		1	38	22.20	21.14	20.79	20.65
		1	74	22.20	21.21	20.94	20.47
		36	0	22.20	21.30	21.17	20.89
		36	18	22.20	21.43	21.12	20.62
		36	39	22.20	21.32	21.13	20.54
		75	0	22.20	21.36	20.95	20.80
	16QAM	1	0	22.20	21.72	21.40	21.12
		1	38	22.20	21.37	20.99	20.83
		1	74	22.20	21.30	20.91	20.49
		36	0	22.20	21.51	20.97	20.90
		36	18	22.20	21.29	21.06	20.78
		36	39	22.20	21.24	20.93	20.48
		75	0	22.20	21.27	21.00	20.77
	64QAM	1	0	22.20	21.46	21.32	21.06
		1	38	22.20	21.16	20.74	20.55
		1	74	22.20	21.37	20.68	20.64
		36	0	21.70	21.03	20.75	20.28
		36	18	21.70	20.84	20.64	20.29
		36	39	21.70	20.75	20.48	19.92
		75	0	21.70	20.84	20.40	20.20
Bandwidth	Modulation	RB size	RB offset	Tune-up Max.	Channel 20850CH	Channel 21100CH	Channel 21350CH
20MHz	QPSK	1	0	22.20	21.36	21.12	20.84
		1	50	22.20	21.16	20.79	20.51
		1	99	22.20	21.24	20.80	20.36
		50	0	22.20	21.38	21.11	20.88
		50	25	22.20	21.45	21.08	20.75
		50	50	22.20	21.32	21.04	20.58
		100	0	22.20	21.35	21.03	20.70
	16QAM	1	0	22.20	21.67	21.34	21.08
		1	50	22.20	21.32	20.97	20.77
		1	99	22.20	21.31	20.97	20.53
		50	0	22.20	21.37	21.08	20.78
		50	25	22.20	21.34	21.01	20.67
		50	50	22.20	21.27	20.88	20.51
		100	0	22.20	21.31	21.00	20.64
	64QAM	1	0	22.20	21.43	21.20	21.04
		1	50	22.20	21.11	20.65	20.47
		1	99	22.20	21.31	20.82	20.52
		50	0	21.70	20.91	20.61	20.36
		50	25	21.70	20.88	20.61	20.24
		50	50	21.70	20.84	20.47	20.05
		100	0	21.70	20.77	20.49	20.19

Table 27: Test results conducted power measurement LTE Band 7 (Receiver OFF)

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	20775CH	21100CH	21425CH
5MHz	QPSK	1	0	17.70	17.31	16.73	16.48
		1	13	17.70	16.49	16.36	16.13
		1	24	17.70	16.56	16.38	15.94
		12	0	17.70	17.22	16.75	16.31
		12	6	17.70	16.80	16.33	16.36
		12	13	17.70	16.91	16.66	15.98
		25	0	17.70	17.05	16.56	16.02
	16QAM	1	0	17.70	16.79	16.80	16.68
		1	13	17.70	16.70	16.11	16.10
		1	24	17.70	16.62	16.80	15.98
		12	0	17.70	16.93	16.37	16.20
		12	6	17.70	16.89	16.29	16.28
		12	13	17.70	17.00	16.38	16.01
		25	0	17.70	16.81	16.28	16.34
	64QAM	1	0	17.70	16.74	16.64	16.63
		1	13	17.70	16.81	16.58	16.20
		1	24	17.70	16.80	16.33	16.07
		12	0	17.70	16.74	16.69	16.42
		12	6	17.70	16.72	16.57	16.21
		12	13	17.70	16.77	16.35	15.99
		25	0	17.70	16.61	16.35	16.13
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
10MHz	QPSK	1	0	17.70	17.01	16.55	16.38
		1	25	17.70	16.53	16.38	15.79
		1	49	17.70	16.48	16.17	15.95
		25	0	17.70	17.01	16.63	16.31
		25	13	17.70	16.89	16.37	16.36
		25	25	17.70	17.08	16.64	15.98
		50	0	17.70	16.86	16.47	16.08
	16QAM	1	0	17.70	16.96	16.84	16.72
		1	25	17.70	16.88	16.18	16.07
		1	49	17.70	16.77	16.68	16.00
		25	0	17.70	17.04	16.55	16.25
		25	13	17.70	16.81	16.49	16.07
		25	25	17.70	16.83	16.27	15.98
		50	0	17.70	16.78	16.33	16.21
	64QAM	1	0	17.70	16.90	16.92	16.42
		1	25	17.70	16.53	16.26	15.88
		1	49	17.70	16.69	16.49	15.95
		25	0	17.70	16.73	16.58	16.36
		25	13	17.70	16.84	16.66	16.26
		25	25	17.70	16.66	16.49	16.10
		50	0	17.70	16.60	16.42	16.19
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
15MHz	QPSK	1	0	17.70	20825CH	21100CH	21375CH
		1	38	17.70	16.76	16.77	16.29
				Max.	20825CH	21100CH	21375CH
					16.76	16.38	15.99

		1	74	17.70	16.64	16.17	15.83	
		36	0	17.70	17.09	16.70	16.22	
		36	18	17.70	17.01	16.63	16.30	
		36	39	17.70	16.87	16.54	16.10	
		75	0	17.70	16.93	16.44	16.20	
	16QAM	1	0	17.70	16.90	16.85	16.69	
		1	38	17.70	16.75	16.23	16.00	
		1	74	17.70	16.72	16.85	15.94	
		36	0	17.70	17.01	16.60	16.32	
		36	18	17.70	16.88	16.41	16.18	
		36	39	17.70	16.77	16.52	15.88	
	64QAM	75	0	17.70	16.82	16.42	16.04	
		1	0	17.70	16.70	16.85	16.45	
		1	38	17.70	16.88	16.34	15.89	
		1	74	17.70	16.74	16.55	16.09	
		36	0	17.70	16.82	16.51	16.41	
		36	18	17.70	16.96	16.58	16.11	
		36	39	17.70	16.89	16.43	15.87	
	75	0	17.70	16.82	16.58	16.29		
	Bandwidth	Modulation	RB size	RB offset	Tune-up Max.	Channel 20850CH	Channel 21100CH	Channel 21350CH
	20MHz	QPSK	1	0	17.70	16.90	16.64	16.42
1			50	17.70	16.67	16.36	15.95	
1			99	17.70	16.75	16.31	15.85	
50			0	17.70	16.96	16.64	16.35	
50			25	17.70	16.99	16.54	16.31	
50			50	17.70	16.86	16.45	16.08	
100			0	17.70	16.87	16.56	16.19	
16QAM		1	0	17.70	17.04	16.86	16.62	
		1	50	17.70	16.81	16.20	16.07	
		1	99	17.70	16.79	16.71	16.03	
		50	0	17.70	16.91	16.58	16.35	
		50	25	17.70	16.88	16.55	16.22	
		50	50	17.70	16.83	16.46	16.00	
		100	0	17.70	16.77	16.46	16.16	
64QAM		1	0	17.70	16.73	16.71	16.47	
		1	50	17.70	16.76	16.23	15.89	
		1	99	17.70	16.77	16.50	15.99	
		50	0	17.70	16.85	16.65	16.38	
		50	25	17.70	16.88	16.59	16.17	
		50	50	17.70	16.78	16.42	15.95	
		100	0	17.70	16.77	16.49	16.18	

Table 28: Test results conducted power measurement LTE Band 7 (Receiver ON)

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	20775CH	21100CH	21425CH
5MHz	QPSK	1	0	17.20	16.48	16.35	16.05
		1	13	17.20	16.26	15.99	15.78
		1	24	17.20	16.09	16.01	15.45
		12	0	17.20	16.47	16.11	15.97
		12	6	17.20	16.34	16.07	15.65
		12	13	17.20	16.19	16.16	15.32
		25	0	17.20	16.35	16.19	15.78
	16QAM	1	0	17.20	16.73	16.25	16.23
		1	13	17.20	16.50	15.97	15.86
		1	24	17.20	16.21	15.84	15.51
		12	0	17.20	16.39	16.27	15.81
		12	6	17.20	16.49	16.10	15.76
		12	13	17.20	16.01	16.00	15.59
		25	0	17.20	16.33	16.07	15.84
	64QAM	1	0	17.20	16.68	16.32	16.24
		1	13	17.20	16.31	15.62	15.02
		1	24	17.20	16.45	15.76	15.47
		12	0	17.20	16.58	16.02	15.84
		12	6	17.20	16.65	16.03	15.56
		12	13	17.20	16.19	15.97	15.45
		25	0	17.20	16.21	15.93	15.51
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
10MHz	QPSK	1	0	17.20	16.43	16.08	15.90
		1	25	17.20	16.06	15.99	15.58
		1	49	17.20	16.10	15.82	15.56
		25	0	17.20	16.42	15.98	16.12
		25	13	17.20	16.37	16.27	15.82
		25	25	17.20	16.14	16.19	15.59
		50	0	17.20	16.55	15.99	15.84
	16QAM	1	0	17.20	16.50	16.12	16.31
		1	25	17.20	16.35	16.16	15.84
		1	49	17.20	16.28	16.10	15.45
		25	0	17.20	16.30	16.04	15.72
		25	13	17.20	16.49	16.20	15.82
		25	25	17.20	16.23	15.95	15.73
		50	0	17.20	16.35	15.94	15.87
	64QAM	1	0	17.20	16.52	16.04	15.99
		1	25	17.20	16.29	15.69	15.17
		1	49	17.20	16.49	15.81	15.49
		25	0	17.20	16.31	16.04	15.98
		25	13	17.20	16.30	16.02	15.67
		25	25	17.20	16.28	15.96	15.26
		50	0	17.20	16.16	16.03	15.77
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
15MHz	QPSK	1	0	17.20	16.28	16.20	16.04
		1	38	17.20	16.09	15.97	15.60

		1	74	17.20	16.20	15.86	15.34	
		36	0	17.20	16.43	16.24	15.80	
		36	18	17.20	16.53	15.99	15.83	
		36	39	17.20	16.42	15.83	15.59	
		75	0	17.20	16.16	16.08	15.77	
	16QAM	1	0	17.20	16.37	16.25	16.16	
		1	38	17.20	16.36	16.22	15.74	
		1	74	17.20	16.45	16.10	15.54	
		36	0	17.20	16.37	16.20	15.74	
		36	18	17.20	16.41	16.09	15.73	
		36	39	17.20	16.23	16.06	15.55	
	64QAM	75	0	17.20	16.24	15.90	15.80	
		1	0	17.20	16.48	16.21	15.84	
		1	38	17.20	16.20	15.72	15.40	
		1	74	17.20	16.36	15.68	15.45	
		36	0	17.20	16.38	16.24	15.96	
		36	18	17.20	16.52	16.15	15.67	
		36	39	17.20	16.44	15.88	15.55	
	75	0	17.20	16.42	15.98	15.63		
	Bandwidth	Modulation	RB size	RB offset	Tune-up Max.	Channel 20850CH	Channel 21100CH	Channel 21350CH
	20MHz	QPSK	1	0	17.20	16.31	16.15	15.95
1			50	17.20	16.14	15.87	15.50	
1			99	17.20	16.24	15.83	15.47	
50			0	17.20	16.40	16.15	15.94	
50			25	17.20	16.40	16.10	15.82	
50			50	17.20	16.29	15.97	15.58	
100			0	17.20	16.30	16.08	15.78	
16QAM		1	0	17.20	16.52	16.26	16.18	
		1	50	17.20	16.36	16.11	15.77	
		1	99	17.20	16.38	16.15	15.56	
		50	0	17.20	16.38	16.13	15.85	
		50	25	17.20	16.40	16.03	15.73	
		50	50	17.20	16.29	15.92	15.50	
		100	0	17.20	16.28	16.01	15.68	
64QAM		1	0	17.20	16.42	16.30	15.98	
		1	50	17.20	16.31	15.76	15.28	
		1	99	17.20	16.22	15.81	15.48	
		50	0	17.20	16.43	16.12	15.88	
		50	25	17.20	16.42	16.07	15.75	
		50	50	17.20	16.32	15.92	15.54	
		100	0	17.20	16.31	15.98	15.74	

Table 29: Test results conducted power measurement LTE Band 7 (Receiver OFF+Hotspot)

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	20775CH	21100CH	21425CH
5MHz	QPSK	1	0	12.70	11.72	11.39	11.40
		1	13	12.70	11.50	11.21	11.00
		1	24	12.70	11.64	11.64	10.76
		12	0	12.70	11.93	11.62	11.16
		12	6	12.70	11.63	11.54	11.26
		12	13	12.70	11.58	11.47	10.91
		25	0	12.70	11.67	11.28	10.85
	16QAM	1	0	12.70	11.98	11.79	11.53
		1	13	12.70	11.93	11.64	10.80
		1	24	12.70	11.60	11.10	10.89
		12	0	12.70	11.78	11.62	11.26
		12	6	12.70	11.58	11.53	11.30
		12	13	12.70	11.54	11.39	10.91
		25	0	12.70	11.69	11.58	11.09
	64QAM	1	0	12.70	11.78	11.76	11.05
		1	13	12.70	11.28	10.97	10.75
		1	24	12.70	11.62	11.12	10.69
		12	0	12.70	11.91	11.69	11.27
		12	6	12.70	11.99	11.45	11.18
		12	13	12.70	11.48	11.49	10.62
		25	0	12.70	11.35	11.55	11.05
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
10MHz	QPSK	1	0	12.70	11.67	11.47	11.40
		1	25	12.70	11.46	11.19	10.95
		1	49	12.70	11.51	11.43	10.68
		25	0	12.70	11.80	11.73	11.14
		25	13	12.70	11.82	11.52	10.91
		25	25	12.70	11.86	11.14	11.00
		50	0	12.70	11.58	11.25	10.85
	16QAM	1	0	12.70	11.85	11.74	11.64
		1	25	12.70	11.94	11.62	11.14
		1	49	12.70	11.62	11.13	11.01
		25	0	12.70	11.63	11.64	11.01
		25	13	12.70	11.88	11.65	11.42
		25	25	12.70	11.67	11.37	11.00
		50	0	12.70	11.77	11.45	11.20
	64QAM	1	0	12.70	11.71	11.81	11.24
		1	25	12.70	11.23	11.08	10.63
		1	49	12.70	11.75	11.43	10.67
		25	0	12.70	11.93	11.66	11.33
		25	13	12.70	11.79	11.47	11.31
		25	25	12.70	11.58	11.32	10.89
		50	0	12.70	11.56	11.44	11.03
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
15MHz	QPSK	1	0	12.70	11.72	11.44	11.42
		1	38	12.70	11.52	11.16	11.00

		1	74	12.70	11.69	11.19	10.81	
		36	0	12.70	11.90	11.57	11.13	
		36	18	12.70	11.65	11.53	11.11	
		36	39	12.70	11.74	11.33	10.90	
		75	0	12.70	11.68	11.31	11.11	
	16QAM	1	0	12.70	12.02	11.76	11.31	
		1	38	12.70	11.87	11.55	11.21	
		1	74	12.70	11.62	11.23	11.18	
		36	0	12.70	11.67	11.44	11.16	
		36	18	12.70	11.85	11.50	11.16	
		36	39	12.70	11.61	11.30	11.08	
	64QAM	75	0	12.70	11.76	11.54	11.09	
		1	0	12.70	11.51	11.59	11.24	
		1	38	12.70	11.27	10.91	10.87	
		1	74	12.70	11.73	11.19	10.69	
		36	0	12.70	11.61	11.68	11.30	
		36	18	12.70	11.79	11.60	11.19	
		36	39	12.70	11.79	11.31	10.94	
	75	0	12.70	11.58	11.44	11.13		
	Bandwidth	Modulation	RB size	RB offset	Tune-up Max.	Channel 20850CH	Channel 21100CH	Channel 21350CH
	20MHz	QPSK	1	0	12.70	11.69	11.57	11.36
1			50	12.70	11.59	11.24	10.86	
1			99	12.70	11.56	11.26	10.78	
50			0	12.70	11.79	11.59	11.26	
50			25	12.70	11.77	11.52	11.12	
50			50	12.70	11.80	11.32	10.93	
100			0	12.70	11.75	11.42	11.07	
16QAM		1	0	12.70	11.99	11.73	11.43	
		1	50	12.70	11.89	11.70	11.12	
		1	99	12.70	11.65	11.33	11.07	
		50	0	12.70	11.71	11.52	11.27	
		50	25	12.70	11.72	11.45	11.18	
		50	50	12.70	11.67	11.35	10.97	
		100	0	12.70	11.62	11.44	11.05	
64QAM		1	0	12.70	11.64	11.66	11.27	
		1	50	12.70	11.40	10.94	10.82	
		1	99	12.70	11.65	11.22	10.76	
		50	0	12.70	11.75	11.59	11.21	
		50	25	12.70	11.72	11.49	11.21	
		50	50	12.70	11.75	11.34	10.99	
		100	0	12.70	11.65	11.47	11.06	

Table 30: Test results conducted power measurement LTE Band 7 (Receiver ON+Hotspot)

		1	74	19.70	18.56	18.40	17.93	
		36	0	19.70	18.87	18.61	18.35	
		36	18	19.70	18.76	18.48	18.19	
		36	39	19.70	18.86	18.32	17.97	
		75	0	19.70	18.69	18.27	17.97	
	16QAM	1	0	19.70	18.87	18.86	18.60	
		1	38	19.70	18.88	18.42	18.13	
		1	74	19.70	18.61	18.52	18.00	
		36	0	19.70	18.75	18.51	18.06	
		36	18	19.70	18.88	18.34	18.07	
		36	39	19.70	18.69	18.15	17.73	
	64QAM	75	0	19.70	18.60	18.45	18.04	
		1	0	19.70	18.69	18.45	18.41	
		1	38	19.70	18.66	18.14	17.97	
		1	74	19.70	18.61	18.61	17.87	
		36	0	19.70	18.65	18.36	18.30	
		36	18	19.70	18.68	18.43	18.13	
		36	39	19.70	18.66	18.44	17.87	
	75	0	19.70	18.82	18.34	17.88		
	Bandwidth	Modulation	RB size	RB offset	Tune-up Max.	Channel 20850CH	Channel 21100CH	Channel 21350CH
	20MHz	QPSK	1	0	19.70	18.77	18.55	18.35
1			50	19.70	18.55	18.20	17.96	
1			99	19.70	18.59	18.29	17.83	
50			0	19.70	18.78	18.55	18.27	
50			25	19.70	18.78	18.53	18.15	
50			50	19.70	18.76	18.38	17.92	
100			0	19.70	18.70	18.41	18.09	
16QAM		1	0	19.70	18.78	18.82	18.49	
		1	50	19.70	18.79	18.51	18.03	
		1	99	19.70	18.70	18.40	17.95	
		50	0	19.70	18.79	18.46	18.19	
		50	25	19.70	18.78	18.40	18.04	
		50	50	19.70	18.75	18.30	17.83	
		100	0	19.70	18.63	18.35	18.03	
64QAM		1	0	19.70	18.79	18.54	18.31	
		1	50	19.70	18.74	18.14	18.02	
		1	99	19.70	18.58	18.56	17.87	
		50	0	19.70	18.78	18.50	18.20	
		50	25	19.70	18.74	18.45	18.11	
		50	50	19.70	18.72	18.32	17.92	
		100	0	19.70	18.73	18.43	18.03	

Table 31: Test results conducted power measurement LTE Band 7 (Receiver OFF+WIFI)

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	20775CH	21100CH	21425CH
5MHz	QPSK	1	0	15.20	14.27	14.09	13.93
		1	13	15.20	13.78	13.66	13.18
		1	24	15.20	14.23	13.48	13.22
		12	0	15.20	14.33	14.16	13.71
		12	6	15.20	14.39	13.92	13.57
		12	13	15.20	14.40	13.88	13.62
		25	0	15.20	14.32	13.95	13.62
	16QAM	1	0	15.20	14.56	14.39	14.02
		1	13	15.20	13.80	13.49	13.49
		1	24	15.20	14.31	13.89	13.51
		12	0	15.20	14.19	13.78	13.78
		12	6	15.20	14.06	13.76	13.47
		12	13	15.20	14.04	13.89	13.44
		25	0	15.20	14.04	13.96	13.56
	64QAM	1	0	15.20	14.33	14.36	13.94
		1	13	15.20	13.93	13.65	13.02
		1	24	15.20	14.28	13.80	13.59
		12	0	15.20	14.12	14.14	13.80
		12	6	15.20	14.37	13.89	13.67
		12	13	15.20	13.91	13.84	13.49
		25	0	15.20	14.25	14.08	13.48
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
10MHz	QPSK	1	0	15.20	14.04	14.13	13.82
		1	25	15.20	13.80	13.83	13.43
		1	49	15.20	13.89	13.56	13.33
		25	0	15.20	14.32	14.12	13.70
		25	13	15.20	14.36	14.13	13.65
		25	25	15.20	14.53	13.70	13.47
		50	0	15.20	14.48	13.99	13.42
	16QAM	1	0	15.20	14.50	14.40	13.90
		1	25	15.20	14.05	13.43	13.24
		1	49	15.20	14.13	14.04	13.55
		25	0	15.20	14.21	13.89	13.66
		25	13	15.20	14.03	13.78	13.55
		25	25	15.20	14.14	13.82	13.51
		50	0	15.20	14.07	13.77	13.47
	64QAM	1	0	15.20	14.22	14.43	14.09
		1	25	15.20	13.92	13.41	12.94
		1	49	15.20	14.05	13.91	13.42
		25	0	15.20	14.46	14.22	13.93
		25	13	15.20	14.09	14.00	13.52
		25	25	15.20	14.10	13.85	13.55
		50	0	15.20	14.05	13.88	13.60
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
15MHz	QPSK	1	0	15.20	14.26	14.05	13.85
		1	38	15.20	13.97	13.86	13.50

		1	74	15.20	14.17	13.78	13.34	
		36	0	15.20	14.31	13.98	13.75	
		36	18	15.20	14.39	14.01	13.70	
		36	39	15.20	14.19	13.89	13.42	
		75	0	15.20	14.19	14.08	13.61	
	16QAM	1	0	15.20	14.60	14.49	13.87	
		1	38	15.20	13.99	13.58	13.04	
		1	74	15.20	14.56	13.98	13.61	
		36	0	15.20	14.14	13.99	13.61	
		36	18	15.20	14.11	13.79	13.58	
		36	39	15.20	14.16	13.74	13.44	
	64QAM	75	0	15.20	14.16	13.90	13.68	
		1	0	15.20	14.29	14.32	13.88	
		1	38	15.20	13.80	13.58	12.97	
		1	74	15.20	13.89	13.81	13.36	
		36	0	15.20	14.35	13.97	13.95	
		36	18	15.20	14.10	14.01	13.59	
		36	39	15.20	14.13	13.94	13.33	
	75	0	15.20	14.04	13.93	13.51		
	Bandwidth	Modulation	RB size	RB offset	Tune-up Max.	Channel 20850CH	Channel 21100CH	Channel 21350CH
	20MHz	QPSK	1	0	15.20	14.19	14.08	13.83
1			50	15.20	14.03	13.72	13.41	
1			99	15.20	14.09	13.69	13.33	
50			0	15.20	14.36	13.96	13.71	
50			25	15.20	14.32	13.94	13.61	
50			50	15.20	14.27	13.83	13.47	
100			0	15.20	14.29	13.95	13.56	
16QAM		1	0	15.20	14.58	14.46	13.93	
		1	50	15.20	13.94	13.57	13.17	
		1	99	15.20	14.41	13.90	13.48	
		50	0	15.20	14.19	13.97	13.75	
		50	25	15.20	14.16	13.87	13.64	
		50	50	15.20	14.15	13.78	13.42	
		100	0	15.20	14.13	13.86	13.60	
64QAM		1	0	15.20	14.18	14.25	13.97	
		1	50	15.20	13.82	13.48	13.02	
		1	99	15.20	14.00	13.78	13.40	
		50	0	15.20	14.23	14.02	13.82	
		50	25	15.20	14.22	13.96	13.65	
		50	50	15.20	14.12	13.83	13.46	
		100	0	15.20	14.15	13.95	13.62	

Table 32: Test results conducted power measurement LTE Band 7 (Receiver ON+WIFI)

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

1.9 Conducted power of LTE Band 13(Main antenna)

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	23205CH	23230CH	23255CH
5MHz	QPSK	1	0	25.00	24.36	24.22	24.30
		1	13	25.00	24.16	24.23	24.10
		1	24	25.00	24.27	24.07	24.11
		12	0	24.00	23.19	23.12	23.12
		12	6	24.00	23.14	23.05	23.11
		12	13	24.00	23.12	23.12	23.10
		25	0	24.00	23.06	23.07	23.06
	16QAM	1	0	24.00	23.39	23.29	23.24
		1	13	24.00	23.29	23.26	23.28
		1	24	24.00	23.21	23.09	23.21
		12	0	23.00	22.15	22.11	22.12
		12	6	23.00	22.18	22.04	22.10
		12	13	23.00	22.07	22.06	22.10
		25	0	23.00	22.14	22.05	22.02
	64QAM	1	0	23.00	22.11	22.34	22.20
		1	13	23.00	22.34	22.30	22.10
		1	24	23.00	22.22	22.13	22.07
		12	0	22.00	21.09	21.12	21.13
		12	6	22.00	21.04	21.03	21.14
		12	13	22.00	21.17	21.09	21.11
		25	0	22.00	21.02	21.04	21.07
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
10MHz	QPSK	1	0	25.00	/	24.27	/
		1	25	25.00	/	23.77	/
		1	49	25.00	/	23.97	/
		25	0	24.00	/	23.18	/
		25	13	24.00	/	23.14	/
		25	25	24.00	/	23.15	/
		50	0	24.00	/	23.16	/
	16QAM	1	0	24.00	/	23.34	/
		1	25	24.00	/	22.77	/
		1	49	24.00	/	23.19	/
		25	0	23.00	/	22.09	/
		25	13	23.00	/	22.15	/
		25	25	23.00	/	22.08	/
		50	0	23.00	/	22.07	/
	64QAM	1	0	23.00	/	22.26	/
		1	25	23.00	/	22.01	/
		1	49	23.00	/	22.09	/
		25	0	22.00	/	21.05	/
		25	13	22.00	/	21.06	/
		25	25	22.00	/	20.98	/
		50	0	22.00	/	21.06	/
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	/	23230CH	/

Table 33: Test results conducted power measurement LTE Band 13

Note: The conducted power of LTE Band 13 is measured with RMS detector.

1.10 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	24.47	24.22	24.22
		1	3	25.00	23.87	23.74	23.91
		1	5	25.00	24.30	24.28	24.25
		3	0	25.00	24.34	24.15	24.15
		3	2	25.00	23.94	24.18	23.86
		3	3	25.00	24.42	24.16	24.10
		6	0	24.00	23.13	23.22	23.18
	16QAM	1	0	24.00	23.35	23.36	23.35
		1	3	24.00	23.18	22.89	22.83
		1	5	24.00	23.24	23.12	23.25
		3	0	24.00	23.45	23.41	23.18
		3	2	24.00	23.44	23.17	23.20
		3	3	24.00	23.51	23.21	23.10
		6	0	23.00	22.34	22.12	22.17
	64QAM	1	0	23.00	22.74	22.28	21.97
		1	3	23.00	22.02	21.71	21.67
		1	5	23.00	22.60	22.40	22.42
		3	0	23.00	22.24	22.25	22.05
		3	2	23.00	22.09	22.34	21.92
		3	3	23.00	22.31	22.29	22.32
		6	0	22.00	21.40	21.21	21.15
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
3MHz	QPSK	1	0	25.00	23.77	23.98	23.88
		1	7	25.00	23.91	23.67	24.09
		1	14	25.00	23.73	23.87	23.95
		8	0	24.00	23.11	22.87	22.98
		8	4	24.00	23.25	22.92	22.93
		8	7	24.00	22.99	22.89	23.08
		15	0	24.00	22.97	22.86	23.08
	16QAM	1	0	24.00	22.80	23.02	22.87
		1	7	24.00	23.01	22.93	23.18
		1	14	24.00	22.74	23.08	22.90
		8	0	23.00	22.11	21.71	21.73
		8	4	23.00	21.69	21.87	22.02
		8	7	23.00	21.73	21.98	21.92
		15	0	23.00	22.17	21.84	21.83
	64QAM	1	0	23.00	21.70	21.75	21.92
		1	7	23.00	22.13	21.79	21.97
		1	14	23.00	21.94	21.58	22.17
		8	0	22.00	20.92	20.99	20.90
		8	4	22.00	21.02	20.89	21.03
		8	7	22.00	20.85	20.76	20.81
		15	0	22.00	21.20	20.80	20.85
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	26705CH	26865CH	27025CH

				Max.	26715CH	26865CH	27015CH
5MHz	QPSK	1	0	25.00	23.61	24.08	23.77
		1	13	25.00	23.98	23.81	23.90
		1	24	25.00	23.93	23.90	23.97
		12	0	24.00	23.16	22.83	22.71
		12	6	24.00	23.08	22.88	23.02
		12	13	24.00	23.06	22.90	23.20
		25	0	24.00	22.93	22.77	22.98
	16QAM	1	0	24.00	22.77	23.01	23.00
		1	13	24.00	23.24	23.18	23.23
		1	24	24.00	22.84	23.01	23.01
		12	0	23.00	22.01	21.78	21.94
		12	6	23.00	22.00	22.07	22.19
		12	13	23.00	21.81	21.98	21.96
		25	0	23.00	22.16	21.59	21.95
	64QAM	1	0	23.00	21.67	21.52	21.83
		1	13	23.00	22.24	21.63	22.05
		1	24	23.00	21.94	21.81	22.13
		12	0	22.00	20.96	21.10	20.94
		12	6	22.00	21.02	20.89	20.84
		12	13	22.00	20.90	20.95	20.94
		25	0	22.00	20.91	20.93	20.84
Bandwidth	Modulation	RB size	RB offset	Tune-up Max.	Channel 26750CH	Channel 26865CH	Channel 26990CH
10MHz	QPSK	1	0	25.00	23.69	23.95	23.90
		1	25	25.00	23.98	23.93	24.04
		1	49	25.00	23.88	23.88	23.93
		25	0	24.00	23.06	22.82	22.79
		25	13	24.00	22.98	22.90	23.00
		25	25	24.00	22.94	23.02	23.10
		50	0	24.00	22.91	22.80	23.03
	16QAM	1	0	24.00	22.68	23.08	22.89
		1	25	24.00	23.10	23.06	23.27
		1	49	24.00	22.79	23.08	23.04
		25	0	23.00	21.94	21.85	21.79
		25	13	23.00	21.85	21.93	22.15
		25	25	23.00	21.88	21.93	21.92
		50	0	23.00	22.02	21.70	21.94
	64QAM	1	0	23.00	21.66	21.65	21.81
		1	25	23.00	22.20	21.77	21.92
		1	49	23.00	21.87	21.67	22.00
		25	0	22.00	21.05	21.00	20.96
		25	13	22.00	21.03	20.90	20.92
		25	25	22.00	21.03	20.89	20.84
		50	0	22.00	21.04	20.81	20.95
Bandwidth	Modulation	RB size	RB offset	Tune-up Max.	Channel 26775CH	Channel 26865CH	Channel 26965CH
15MHz	QPSK	1	0	25.00	23.84	23.84	23.82
		1	38	25.00	24.09	24.06	24.13
		1	74	25.00	23.79	23.83	23.85

		36	0	24.00	22.92	22.95	22.93
		36	18	24.00	22.94	23.01	23.10
		36	39	24.00	22.92	22.98	22.96
		75	0	24.00	22.89	22.88	23.02
	16QAM	1	0	24.00	22.82	22.97	22.76
		1	38	24.00	23.05	22.94	23.35
		1	74	24.00	22.92	23.04	22.95
		36	0	23.00	22.00	21.84	21.93
		36	18	23.00	21.87	21.91	22.04
		36	39	23.00	21.87	21.94	21.94
		75	0	23.00	21.97	21.80	21.96
	64QAM	1	0	23.00	21.56	21.79	21.87
		1	38	23.00	22.15	21.84	21.90
		1	74	23.00	21.85	21.76	21.96
		36	0	22.00	21.00	20.91	20.91
		36	18	22.00	20.92	20.89	20.88
		36	39	22.00	20.92	20.85	20.97
		75	0	22.00	20.98	20.84	21.00

Table 34: Test results conducted power measurement LTE Band 26 (Receiver OFF/Receiver OFF+Hotspot/Receiver OFF+WIFI)

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	26697CH	26865CH	27033CH
1.4MHz	QPSK	1	0	23.00	22.39	22.11	22.21
		1	3	23.00	22.09	22.22	21.99
		1	5	23.00	22.45	22.06	22.08
		3	0	23.00	22.38	22.12	22.17
		3	2	23.00	22.04	21.96	22.04
		3	3	23.00	22.22	22.22	22.28
		6	0	23.00	22.35	22.17	22.07
	16QAM	1	0	23.00	22.34	22.45	22.20
		1	3	23.00	22.09	21.95	21.79
		1	5	23.00	22.56	22.29	22.23
		3	0	23.00	22.34	22.35	22.15
		3	2	23.00	22.26	21.88	22.15
		3	3	23.00	22.29	22.16	22.12
		6	0	23.00	22.37	22.21	22.06
	64QAM	1	0	23.00	22.34	22.47	22.01
		1	3	23.00	22.22	22.09	22.04
		1	5	23.00	22.49	22.35	22.48
		3	0	23.00	22.55	22.32	22.11
		3	2	23.00	22.18	21.96	22.25
		3	3	23.00	22.26	22.13	22.06
		6	0	22.00	21.38	21.11	21.28
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
3MHz	QPSK	1	0	23.00	22.13	21.66	21.89
		1	7	23.00	22.17	22.08	21.91
		1	14	23.00	21.94	21.75	21.70
		8	0	23.00	22.04	21.82	22.22
		8	4	23.00	21.81	21.88	22.12
		8	7	23.00	21.84	21.79	21.89
		15	0	23.00	22.18	22.03	21.84
	16QAM	1	0	23.00	22.06	22.50	21.79
		1	7	23.00	22.13	22.19	22.14
		1	14	23.00	21.86	21.96	21.79
		8	0	23.00	21.82	21.68	21.82
		8	4	23.00	21.85	22.18	22.03
		8	7	23.00	21.59	22.20	22.02
		15	0	23.00	21.99	21.96	22.06
	64QAM	1	0	23.00	21.58	21.94	21.76
		1	7	23.00	22.20	21.94	21.97
		1	14	23.00	21.80	21.56	21.95
		8	0	22.00	21.06	20.93	20.69
		8	4	22.00	20.93	21.00	21.08
		8	7	22.00	21.01	20.83	21.07
		15	0	22.00	20.75	20.98	20.98
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
5MHz	QPSK	1	0	23.00	21.91	21.58	21.83
		1	13	23.00	21.98	21.99	21.77

		1	24	23.00	22.06	21.75	21.93	
		12	0	23.00	22.01	21.86	22.13	
		12	6	23.00	21.84	21.84	22.02	
		12	13	23.00	21.96	22.10	22.02	
		25	0	23.00	22.13	21.94	22.00	
	16QAM	1	0	23.00	21.87	22.33	21.90	
		1	13	23.00	21.94	22.05	22.22	
		1	24	23.00	21.98	22.00	21.98	
		12	0	23.00	21.90	21.86	22.03	
		12	6	23.00	21.87	21.98	22.07	
		12	13	23.00	21.85	22.15	21.95	
		25	0	23.00	21.84	21.71	21.92	
	64QAM	1	0	23.00	21.83	21.99	21.77	
		1	13	23.00	22.06	22.04	21.93	
		1	24	23.00	21.83	21.48	21.94	
		12	0	22.00	20.90	20.98	20.77	
		12	6	22.00	21.08	20.89	21.20	
		12	13	22.00	20.75	20.89	21.04	
		25	0	22.00	20.72	21.03	21.15	
	Bandwidth	Modulation	RB size	RB offset	Tune-up Max.	Channel 26750CH	Channel 26865CH	Channel 26990CH
	10MHz	QPSK	1	0	23.00	21.88	21.79	21.76
1			25	23.00	21.98	22.08	21.88	
1			49	23.00	21.79	21.82	21.72	
25			0	23.00	22.00	21.82	22.11	
25			13	23.00	21.97	21.78	22.00	
25			25	23.00	21.94	22.01	22.04	
50			0	23.00	21.82	21.89	22.05	
16QAM		1	0	23.00	21.81	22.22	21.99	
		1	25	23.00	21.93	22.05	22.03	
		1	49	23.00	21.82	22.02	21.92	
		25	0	23.00	22.02	21.98	21.87	
		25	13	23.00	21.94	22.08	21.98	
		25	25	23.00	22.04	21.92	21.94	
		50	0	23.00	21.77	21.75	21.90	
64QAM		1	0	23.00	21.67	21.78	21.85	
		1	25	23.00	22.18	21.90	21.97	
		1	49	23.00	21.84	21.55	21.93	
		25	0	22.00	21.01	20.88	20.78	
		25	13	22.00	20.90	20.86	20.97	
		25	25	22.00	20.98	20.79	21.04	
		50	0	22.00	20.99	20.99	21.15	
Bandwidth	Modulation	RB size	RB offset	Tune-up Max.	Channel 26775CH	Channel 26865CH	Channel 26965CH	
15MHz	QPSK	1	0	23.00	21.83	21.74	21.85	
		1	38	23.00	22.01	21.97	21.94	
		1	74	23.00	21.87	21.73	21.82	
		36	0	23.00	21.99	21.91	22.00	
		36	18	23.00	21.93	21.91	22.05	
		36	39	23.00	21.97	21.91	22.04	

		75	0	23.00	21.93	21.89	21.99
	16QAM	1	0	23.00	21.86	22.09	21.86
		1	38	23.00	22.04	22.03	21.98
		1	74	23.00	21.91	21.92	21.82
		36	0	23.00	21.89	21.87	21.89
		36	18	23.00	21.87	21.96	21.94
		36	39	23.00	21.89	21.95	21.99
		75	0	23.00	21.79	21.81	21.97
		64QAM	1	0	23.00	21.73	21.82
	1		38	23.00	22.04	21.99	21.96
	1		74	23.00	21.79	21.63	21.93
	36		0	22.00	21.02	20.92	20.90
	36		18	22.00	20.90	20.87	21.11
	36		39	22.00	20.90	20.84	21.00
	75		0	22.00	20.87	20.88	21.00

Table 35: Test results conducted power measurement LTE Band 26 (Receiver ON/Receiver ON+Hotspot/Receiver ON+WIFI)

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

1.11 Conducted power of LTE Band 38(Main antenna)

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	37775CH	38000CH	38225CH
5MHz	QPSK	1	0	24.50	23.45	23.68	23.68
		1	13	24.50	23.31	23.46	23.42
		1	24	24.50	23.22	23.18	23.06
		12	0	24.00	23.37	22.96	23.12
		12	6	24.00	22.84	22.78	22.83
		12	13	24.00	22.86	22.90	22.81
		25	0	24.00	23.02	22.92	23.14
	16QAM	1	0	24.00	22.87	23.27	22.97
		1	13	24.00	23.23	23.13	23.20
		1	24	24.00	23.07	23.01	22.57
		12	0	23.00	21.97	21.96	22.12
		12	6	23.00	22.34	22.30	22.00
		12	13	23.00	21.91	21.50	21.89
		25	0	23.00	22.08	22.14	22.05
	64QAM	1	0	23.00	21.77	22.26	22.09
		1	13	23.00	20.95	20.93	20.94
		1	24	23.00	21.79	21.76	21.63
		12	0	22.00	21.23	21.41	21.21
		12	6	22.00	21.45	21.13	21.05
		12	13	22.00	20.90	20.84	20.90
		25	0	22.00	21.22	20.99	20.92
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
10MHz	QPSK	1	0	24.50	23.52	23.74	23.64
		1	25	24.50	23.32	23.51	23.17
		1	49	24.50	23.31	23.15	23.35
		25	0	24.00	23.35	22.91	22.88
		25	13	24.00	22.88	22.91	22.96
		25	25	24.00	23.03	22.84	22.98
		50	0	24.00	23.10	22.94	23.17
	16QAM	1	0	24.00	23.24	23.34	23.18
		1	25	24.00	23.19	23.30	23.19
		1	49	24.00	23.00	23.02	22.87
		25	0	23.00	22.00	21.90	22.12
		25	13	23.00	22.01	21.93	21.93
		25	25	23.00	21.99	21.80	21.87
		50	0	23.00	22.10	21.96	21.83
	64QAM	1	0	23.00	21.94	22.12	21.87
		1	25	23.00	20.88	20.97	20.73
		1	49	23.00	21.83	21.70	21.59
		25	0	22.00	21.15	21.07	21.01
		25	13	22.00	21.37	21.17	21.20
		25	25	22.00	20.97	20.72	20.87
		50	0	22.00	21.14	21.04	20.99
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	37800CH	38000CH	38200CH

				Max.	37825CH	38000CH	38175CH
15MHz	QPSK	1	0	24.50	23.65	23.61	23.43
		1	38	24.50	23.41	23.43	23.41
		1	74	24.50	23.27	23.24	23.31
		36	0	24.00	22.94	23.17	23.14
		36	18	24.00	22.97	23.14	22.87
		36	39	24.00	23.03	23.05	22.87
		75	0	24.00	23.12	23.17	23.01
	16QAM	1	0	24.00	23.26	23.28	23.35
		1	38	24.00	23.33	23.10	23.19
		1	74	24.00	23.23	23.00	23.09
		36	0	23.00	21.95	22.09	21.93
		36	18	23.00	22.09	21.92	21.79
		36	39	23.00	22.01	21.93	21.94
		75	0	23.00	22.13	21.92	21.84
	64QAM	1	0	23.00	22.03	22.13	21.79
		1	38	23.00	21.08	21.00	20.88
		1	74	23.00	21.80	21.86	21.72
		36	0	22.00	21.04	21.02	21.19
		36	18	22.00	21.06	21.14	21.18
		36	39	22.00	20.95	20.87	20.82
		75	0	22.00	21.02	20.93	20.82
Bandwidth	Modulation	RB size	RB offset	Tune-up Max.	Channel 37850CH	Channel 38000CH	Channel 38150CH
20MHz	QPSK	1	0	24.50	23.54	23.70	23.56
		1	50	24.50	23.34	23.33	23.28
		1	99	24.50	23.35	23.30	23.24
		50	0	24.00	23.09	23.11	23.04
		50	25	24.00	23.05	23.08	23.00
		50	50	24.00	22.96	22.95	22.90
		100	0	24.00	23.03	23.03	22.95
	16QAM	1	0	24.00	23.26	23.25	23.21
		1	50	24.00	23.29	23.25	23.15
		1	99	24.00	23.11	23.02	22.94
		50	0	23.00	22.04	22.05	22.01
		50	25	23.00	21.99	21.98	21.91
		50	50	23.00	21.92	21.86	21.86
		100	0	23.00	22.02	22.02	21.95
	64QAM	1	0	23.00	21.95	22.03	21.94
		1	50	23.00	20.95	20.91	20.87
		1	99	23.00	21.83	21.74	21.65
		50	0	22.00	21.11	21.12	21.09
		50	25	22.00	21.11	21.07	21.06
		50	50	22.00	20.99	20.92	20.90
		100	0	22.00	21.02	21.02	20.96

Table 36: Test results conducted power measurement LTE Band 38 (Receiver OFF)

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	37775CH	38000CH	38225CH
5MHz	QPSK	1	0	20.00	18.98	18.89	18.80
		1	13	20.00	18.89	18.82	18.53
		1	24	20.00	19.17	18.32	18.96
		12	0	20.00	19.13	19.12	18.95
		12	6	20.00	19.42	18.76	18.89
		12	13	20.00	19.04	19.44	18.96
		25	0	20.00	19.16	19.08	18.89
	16QAM	1	0	20.00	19.30	19.59	19.24
		1	13	20.00	18.46	18.53	18.51
		1	24	20.00	19.37	19.60	19.24
		12	0	20.00	18.79	18.99	19.00
		12	6	20.00	18.99	19.03	19.20
		12	13	20.00	18.87	19.12	18.72
		25	0	20.00	18.78	18.77	18.86
	64QAM	1	0	20.00	18.85	19.14	18.88
		1	13	20.00	18.45	18.69	18.70
		1	24	20.00	18.97	18.69	18.63
		12	0	20.00	19.36	19.12	18.89
		12	6	20.00	19.25	18.88	19.06
		12	13	20.00	19.08	18.81	18.95
		25	0	20.00	19.04	19.05	18.81
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
10MHz	QPSK	1	0	20.00	19.27	19.00	19.01
		1	25	20.00	18.75	18.81	18.82
		1	49	20.00	19.11	18.45	18.77
		25	0	20.00	19.01	19.23	18.79
		25	13	20.00	19.07	18.73	18.97
		25	25	20.00	19.17	19.11	19.11
		50	0	20.00	19.02	19.23	19.02
	16QAM	1	0	20.00	19.44	19.71	19.38
		1	25	20.00	18.47	18.26	18.73
		1	49	20.00	19.27	19.29	19.11
		25	0	20.00	18.83	19.15	18.94
		25	13	20.00	18.95	18.81	19.26
		25	25	20.00	18.60	19.15	18.96
		50	0	20.00	18.94	18.87	18.83
	64QAM	1	0	20.00	18.82	19.30	18.88
		1	25	20.00	18.57	18.65	18.80
		1	49	20.00	18.96	18.86	18.50
		25	0	20.00	19.44	19.06	19.12
		25	13	20.00	19.15	18.91	18.89
		25	25	20.00	19.25	18.70	19.01
		50	0	20.00	18.86	18.89	18.93
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
15MHz	QPSK	1	0	20.00	19.12	19.19	18.98
		1	38	20.00	18.83	18.92	18.73

		1	74	20.00	18.86	18.86	18.79	
		36	0	20.00	19.11	19.20	18.94	
		36	18	20.00	19.07	18.94	19.09	
		36	39	20.00	18.99	18.96	19.00	
		75	0	20.00	18.89	19.13	19.05	
	16QAM	1	0	20.00	19.53	19.56	19.56	
		1	38	20.00	18.47	18.54	18.63	
		1	74	20.00	19.44	19.38	19.16	
		36	0	20.00	19.24	19.21	19.21	
		36	18	20.00	19.10	18.91	19.07	
		36	39	20.00	19.05	19.00	18.84	
		75	0	20.00	18.91	18.86	19.02	
	64QAM	1	0	20.00	19.02	18.90	18.88	
		1	38	20.00	18.55	18.65	18.60	
		1	74	20.00	18.83	18.66	18.75	
		36	0	20.00	19.22	19.09	19.14	
		36	18	20.00	18.90	19.05	18.91	
		36	39	20.00	19.02	19.07	18.75	
		75	0	20.00	18.97	18.79	18.86	
	Bandwidth	Modulation	RB size	RB offset	Tune-up Max.	Channel 37850CH	Channel 38000CH	Channel 38150CH
	20MHz	QPSK	1	0	20.00	19.06	19.06	19.04
1			50	20.00	18.84	18.83	18.80	
1			99	20.00	18.92	18.81	18.78	
50			0	20.00	19.10	19.10	19.07	
50			25	20.00	19.09	19.08	19.00	
50			50	20.00	19.05	18.96	18.93	
100			0	20.00	18.99	19.02	18.98	
16QAM		1	0	20.00	19.46	19.53	19.48	
		1	50	20.00	18.52	18.51	18.48	
		1	99	20.00	19.32	19.27	19.17	
		50	0	20.00	19.12	19.13	19.07	
		50	25	20.00	19.05	19.04	19.01	
		50	50	20.00	18.99	18.93	18.91	
		100	0	20.00	18.97	18.97	18.92	
64QAM		1	0	20.00	18.90	18.95	18.87	
		1	50	20.00	18.55	18.53	18.50	
		1	99	20.00	18.76	18.69	18.61	
		50	0	20.00	19.10	19.10	19.07	
		50	25	20.00	19.04	19.03	18.98	
		50	50	20.00	18.97	18.96	18.87	
		100	0	20.00	18.94	18.93	18.89	

Table 37: Test results conducted power measurement LTE Band 38 (Receiver ON)

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	37775CH	38000CH	38225CH
5MHz	QPSK	1	0	23.00	21.78	21.97	22.01
		1	13	23.00	21.62	21.53	21.40
		1	24	23.00	21.82	21.85	21.76
		12	0	23.00	22.20	22.02	21.81
		12	6	23.00	21.93	21.88	22.11
		12	13	23.00	21.78	21.99	21.87
		25	0	23.00	22.09	21.92	21.63
	16QAM	1	0	23.00	22.24	22.10	22.28
		1	13	23.00	21.97	22.39	21.89
		1	24	23.00	21.87	21.92	22.02
		12	0	23.00	22.05	22.21	22.04
		12	6	23.00	21.94	21.94	21.81
		12	13	23.00	21.88	21.66	22.26
		25	0	23.00	21.84	21.69	21.90
	64QAM	1	0	23.00	21.95	21.78	21.78
		1	13	23.00	21.71	21.76	21.69
		1	24	23.00	21.80	21.74	21.66
		12	0	22.00	20.86	21.38	20.92
		12	6	22.00	21.26	20.90	21.00
		12	13	22.00	20.97	20.67	21.13
		25	0	22.00	21.20	21.05	20.64
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
10MHz	QPSK	1	0	23.00	22.05	22.08	21.92
		1	25	23.00	21.65	21.71	21.57
		1	49	23.00	22.02	21.84	21.69
		25	0	23.00	22.27	22.04	21.94
		25	13	23.00	21.96	22.08	21.99
		25	25	23.00	21.95	22.15	21.78
		50	0	23.00	22.04	21.94	21.67
	16QAM	1	0	23.00	22.11	22.24	22.28
		1	25	23.00	22.18	22.20	22.12
		1	49	23.00	21.99	22.03	21.86
		25	0	23.00	22.13	22.19	21.95
		25	13	23.00	22.00	22.14	21.99
		25	25	23.00	22.13	21.75	22.01
		50	0	23.00	22.00	21.77	21.81
	64QAM	1	0	23.00	22.00	21.76	21.78
		1	25	23.00	21.77	21.90	21.60
		1	49	23.00	21.65	21.51	21.61
		25	0	22.00	21.22	21.27	20.97
		25	13	22.00	21.19	20.79	20.92
		25	25	22.00	21.03	20.74	20.88
		50	0	22.00	21.17	21.10	20.83
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
15MHz	QPSK	1	0	23.00	22.11	22.03	22.14
		1	38	23.00	21.88	21.88	21.68

		1	74	23.00	21.89	21.85	21.77	
		36	0	23.00	22.04	21.99	21.92	
		36	18	23.00	22.14	22.07	22.00	
		36	39	23.00	21.84	21.95	21.86	
		75	0	23.00	21.92	21.87	21.87	
	16QAM	1	0	23.00	22.28	22.10	22.28	
		1	38	23.00	22.21	22.16	22.02	
		1	74	23.00	22.01	21.94	21.88	
		36	0	23.00	22.17	22.02	21.97	
		36	18	23.00	22.08	21.94	22.07	
		36	39	23.00	22.08	22.05	21.94	
		75	0	23.00	22.06	22.00	21.95	
	64QAM	1	0	23.00	21.75	21.87	21.68	
		1	38	23.00	21.83	21.85	21.78	
		1	74	23.00	21.76	21.63	21.38	
		36	0	22.00	20.98	21.01	20.96	
		36	18	22.00	21.04	20.99	21.01	
		36	39	22.00	21.07	20.96	21.00	
		75	0	22.00	21.02	20.92	20.87	
	Bandwidth	Modulation	RB size	RB offset	Tune-up Max.	Channel 37850CH	Channel 38000CH	Channel 38150CH
	20MHz	QPSK	1	0	23.00	22.03	22.27	22.03
1			50	23.00	21.81	21.78	21.72	
1			99	23.00	21.86	21.82	21.72	
50			0	23.00	22.11	22.22	22.06	
50			25	23.00	22.08	22.05	21.98	
50			50	23.00	21.96	21.92	21.87	
100			0	23.00	22.02	22.00	21.95	
16QAM		1	0	23.00	22.19	22.15	22.15	
		1	50	23.00	22.18	22.16	22.06	
		1	99	23.00	22.04	21.95	21.87	
		50	0	23.00	22.11	22.12	22.08	
		50	25	23.00	22.05	22.05	21.98	
		50	50	23.00	21.99	21.92	21.92	
		100	0	23.00	21.97	21.96	21.91	
64QAM		1	0	23.00	21.77	21.74	21.74	
		1	50	23.00	21.72	21.73	21.74	
		1	99	23.00	21.62	21.48	21.49	
		50	0	22.00	21.07	21.07	21.03	
		50	25	22.00	21.01	20.99	20.93	
		50	50	22.00	20.95	20.93	20.88	
		100	0	22.00	21.02	21.00	20.93	

Table 38: Test results conducted power measurement LTE Band 38 (Receiver OFF+Hotspot)

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	37775CH	38000CH	38225CH
5MHz	QPSK	1	0	18.50	17.50	17.42	17.81
		1	13	18.50	17.31	16.90	17.04
		1	24	18.50	17.29	17.32	17.27
		12	0	18.50	17.59	17.36	17.27
		12	6	18.50	17.65	17.63	17.60
		12	13	18.50	17.64	17.59	17.44
		25	0	18.50	17.34	17.43	17.47
	16QAM	1	0	18.50	17.81	17.63	17.65
		1	13	18.50	17.74	17.33	17.56
		1	24	18.50	18.10	17.64	17.64
		12	0	18.50	17.34	17.47	17.36
		12	6	18.50	17.47	17.64	17.09
		12	13	18.50	17.20	17.37	17.18
		25	0	18.50	17.57	17.62	17.20
	64QAM	1	0	18.50	17.36	17.65	16.99
		1	13	18.50	18.01	17.75	17.54
		1	24	18.50	17.20	16.88	17.12
		12	0	18.50	17.78	17.28	17.38
		12	6	18.50	17.24	17.33	17.37
		12	13	18.50	17.73	17.28	17.30
		25	0	18.50	17.77	17.55	17.09
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
10MHz	QPSK	1	0	18.50	17.56	17.53	17.69
		1	25	18.50	17.37	17.02	17.15
		1	49	18.50	17.44	17.34	17.40
		25	0	18.50	17.54	17.48	17.33
		25	13	18.50	17.54	17.73	17.61
		25	25	18.50	17.53	17.53	17.38
		50	0	18.50	17.34	17.55	17.38
	16QAM	1	0	18.50	17.78	17.74	17.76
		1	25	18.50	17.72	17.44	17.49
		1	49	18.50	17.97	17.78	17.51
		25	0	18.50	17.43	17.34	17.49
		25	13	18.50	17.45	17.64	17.22
		25	25	18.50	17.31	17.42	17.26
		50	0	18.50	17.69	17.74	17.26
	64QAM	1	0	18.50	17.28	17.55	17.04
		1	25	18.50	17.86	17.72	17.64
		1	49	18.50	17.06	16.90	17.10
		25	0	18.50	17.71	17.35	17.49
		25	13	18.50	17.31	17.31	17.38
		25	25	18.50	17.61	17.35	17.27
		50	0	18.50	17.65	17.51	17.20
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
15MHz	QPSK	1	0	18.50	17.43	17.52	17.39
		1	38	18.50	17.24	17.26	17.33

		1	74	18.50	17.56	17.31	17.23	
		36	0	18.50	17.70	17.51	17.54	
		36	18	18.50	17.65	17.43	17.49	
		36	39	18.50	17.50	17.39	17.52	
		75	0	18.50	17.56	17.50	17.40	
	16QAM	1	0	18.50	17.81	17.94	17.63	
		1	38	18.50	17.60	17.55	17.47	
		1	74	18.50	17.63	17.77	17.68	
		36	0	18.50	17.66	17.51	17.36	
		36	18	18.50	17.59	17.46	17.51	
		36	39	18.50	17.42	17.53	17.34	
		75	0	18.50	17.58	17.48	17.49	
	64QAM	1	0	18.50	17.19	17.27	17.16	
		1	38	18.50	17.79	17.45	17.67	
		1	74	18.50	17.00	17.11	17.01	
		36	0	18.50	17.56	17.66	17.52	
		36	18	18.50	17.39	17.43	17.51	
		36	39	18.50	17.46	17.39	17.21	
		75	0	18.50	17.45	17.45	17.30	
	Bandwidth	Modulation	RB size	RB offset	Tune-up Max.	Channel 37850CH	Channel 38000CH	Channel 38150CH
	20MHz	QPSK	1	0	18.50	17.45	17.52	17.48
1			50	18.50	17.25	17.23	17.21	
1			99	18.50	17.41	17.36	17.26	
50			0	18.50	17.57	17.59	17.56	
50			25	18.50	17.57	17.56	17.51	
50			50	18.50	17.50	17.49	17.41	
100			0	18.50	17.56	17.50	17.44	
16QAM		1	0	18.50	17.80	17.80	17.76	
		1	50	18.50	17.66	17.66	17.59	
		1	99	18.50	17.75	17.64	17.57	
		50	0	18.50	17.51	17.52	17.45	
		50	25	18.50	17.44	17.45	17.40	
		50	50	18.50	17.38	17.38	17.28	
		100	0	18.50	17.45	17.46	17.41	
64QAM		1	0	18.50	17.22	17.28	17.18	
		1	50	18.50	17.75	17.53	17.57	
		1	99	18.50	17.08	17.04	16.95	
		50	0	18.50	17.54	17.55	17.47	
		50	25	18.50	17.47	17.48	17.42	
		50	50	18.50	17.41	17.41	17.31	
		100	0	18.50	17.47	17.47	17.41	

Table 39: Test results conducted power measurement LTE Band 38 (Receiver ON+Hotspot)

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	37775CH	38000CH	38225CH
5MHz	QPSK	1	0	21.50	20.66	20.65	20.31
		1	13	21.50	20.10	20.43	20.27
		1	24	21.50	20.38	20.27	20.08
		12	0	21.50	20.69	20.59	20.52
		12	6	21.50	20.40	20.30	20.14
		12	13	21.50	20.44	20.31	20.32
		25	0	21.50	20.27	20.42	20.59
	16QAM	1	0	21.50	20.74	20.76	20.57
		1	13	21.50	20.00	20.16	19.85
		1	24	21.50	20.47	20.24	20.57
		12	0	21.50	20.26	20.74	20.47
		12	6	21.50	20.61	20.43	20.51
		12	13	21.50	20.32	20.06	20.08
		25	0	21.50	20.37	20.52	20.18
	64QAM	1	0	21.50	20.34	20.91	20.13
		1	13	21.50	20.43	20.63	20.32
		1	24	21.50	20.36	20.29	20.30
		12	0	21.50	20.32	20.33	20.54
		12	6	21.50	20.35	20.60	20.63
		12	13	21.50	20.40	20.46	20.39
		25	0	21.50	20.17	20.28	20.60
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
10MHz	QPSK	1	0	21.50	20.67	20.58	20.46
		1	25	21.50	20.24	20.34	20.21
		1	49	21.50	20.42	20.12	20.22
		25	0	21.50	20.57	20.54	20.38
		25	13	21.50	20.45	20.33	20.28
		25	25	21.50	20.47	20.36	20.40
		50	0	21.50	20.30	20.50	20.48
	16QAM	1	0	21.50	20.69	20.79	20.71
		1	25	21.50	20.10	20.17	19.88
		1	49	21.50	20.40	20.17	20.51
		25	0	21.50	20.37	20.66	20.54
		25	13	21.50	20.59	20.48	20.39
		25	25	21.50	20.30	20.18	20.08
		50	0	21.50	20.24	20.41	20.15
	64QAM	1	0	21.50	20.43	20.77	20.19
		1	25	21.50	20.34	20.48	20.39
		1	49	21.50	20.42	20.30	20.28
		25	0	21.50	20.44	20.37	20.59
		25	13	21.50	20.24	20.54	20.55
		25	25	21.50	20.48	20.33	20.34
		50	0	21.50	20.32	20.25	20.48
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
15MHz	QPSK	1	0	21.50	20.50	20.39	20.46
		1	38	21.50	20.37	20.27	20.31

		1	74	21.50	20.39	20.23	20.17	
		36	0	21.50	20.49	20.45	20.58	
		36	18	21.50	20.36	20.57	20.60	
		36	39	21.50	20.42	20.48	20.51	
		75	0	21.50	20.44	20.55	20.41	
	16QAM	1	0	21.50	20.70	20.74	20.70	
		1	38	21.50	20.22	20.08	20.09	
		1	74	21.50	20.44	20.42	20.38	
		36	0	21.50	20.67	20.54	20.56	
		36	18	21.50	20.61	20.55	20.41	
		36	39	21.50	20.30	20.48	20.34	
		75	0	21.50	20.35	20.33	20.44	
	64QAM	1	0	21.50	20.41	20.54	20.30	
		1	38	21.50	20.46	20.39	20.51	
		1	74	21.50	20.37	20.40	20.20	
		36	0	21.50	20.47	20.60	20.47	
		36	18	21.50	20.35	20.37	20.46	
		36	39	21.50	20.27	20.37	20.33	
		75	0	21.50	20.31	20.52	20.27	
	Bandwidth	Modulation	RB size	RB offset	Tune-up Max.	Channel 37850CH	Channel 38000CH	Channel 38150CH
	20MHz	QPSK	1	0	21.50	20.50	20.50	20.50
1			50	21.50	20.24	20.24	20.20	
1			99	21.50	20.32	20.27	20.18	
50			0	21.50	20.58	20.56	20.54	
50			25	21.50	20.51	20.55	20.47	
50			50	21.50	20.46	20.42	20.40	
100			0	21.50	20.47	20.48	20.44	
16QAM		1	0	21.50	20.67	20.65	20.62	
		1	50	21.50	20.11	20.09	20.05	
		1	99	21.50	20.47	20.41	20.31	
		50	0	21.50	20.52	20.53	20.50	
		50	25	21.50	20.46	20.46	20.40	
		50	50	21.50	20.40	20.39	20.30	
		100	0	21.50	20.42	20.42	20.36	
64QAM		1	0	21.50	20.44	20.56	20.44	
		1	50	21.50	20.45	20.49	20.49	
		1	99	21.50	20.46	20.34	20.29	
		50	0	21.50	20.43	20.50	20.46	
		50	25	21.50	20.46	20.48	20.43	
		50	50	21.50	20.42	20.36	20.32	
		100	0	21.50	20.43	20.45	20.39	

Table 40: Test results conducted power measurement LTE Band 38 (Receiver OFF+WIFI)

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	37775CH	38000CH	38225CH
5MHz	QPSK	1	0	17.00	15.83	15.83	15.92
		1	13	17.00	15.92	15.72	15.79
		1	24	17.00	15.86	15.86	15.81
		12	0	17.00	16.11	16.01	15.92
		12	6	17.00	15.91	16.11	15.99
		12	13	17.00	16.12	15.99	16.03
		25	0	17.00	16.02	16.02	16.03
	16QAM	1	0	17.00	16.53	16.43	16.59
		1	13	17.00	16.26	16.36	16.12
		1	24	17.00	16.39	16.36	16.30
		12	0	17.00	15.99	16.07	15.99
		12	6	17.00	15.93	15.90	15.86
		12	13	17.00	15.95	15.99	16.02
		25	0	17.00	15.74	15.93	16.01
	64QAM	1	0	17.00	15.93	15.81	15.83
		1	13	17.00	15.09	15.01	14.95
		1	24	17.00	15.64	15.70	15.45
		12	0	17.00	15.95	15.93	16.06
		12	6	17.00	15.92	16.03	16.02
		12	13	17.00	15.99	15.96	15.68
		25	0	17.00	15.80	15.90	15.94
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
10MHz	QPSK	1	0	17.00	15.94	15.97	16.00
		1	25	17.00	15.78	15.80	15.72
		1	49	17.00	15.85	15.85	15.74
		25	0	17.00	16.00	16.00	15.94
		25	13	17.00	16.02	16.04	16.02
		25	25	17.00	16.03	16.00	15.98
		50	0	17.00	15.96	15.97	15.88
	16QAM	1	0	17.00	16.53	16.51	16.47
		1	25	17.00	16.25	16.25	16.24
		1	49	17.00	16.37	16.34	16.25
		25	0	17.00	15.97	15.95	15.93
		25	13	17.00	16.03	15.99	15.89
		25	25	17.00	15.97	15.93	15.91
		50	0	17.00	15.89	15.91	15.87
	64QAM	1	0	17.00	15.79	15.85	15.81
		1	25	17.00	15.04	15.16	15.01
		1	49	17.00	15.62	15.67	15.45
		25	0	17.00	16.01	16.03	15.95
		25	13	17.00	16.00	16.01	15.96
		25	25	17.00	15.96	15.91	15.82
		50	0	17.00	15.91	15.92	15.87
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
15MHz	QPSK	1	0	17.00	15.83	15.99	15.91
		1	38	17.00	15.92	15.82	15.82

		1	74	17.00	15.74	15.94	15.79	
		36	0	17.00	16.06	15.86	15.82	
		36	18	17.00	15.95	15.97	16.16	
		36	39	17.00	16.04	16.14	16.04	
		75	0	17.00	15.83	16.08	15.86	
	16QAM	1	0	17.00	16.63	16.50	16.61	
		1	38	17.00	16.39	16.33	16.29	
		1	74	17.00	16.49	16.36	16.39	
		36	0	17.00	15.88	15.96	15.85	
		36	18	17.00	16.04	16.05	15.89	
		36	39	17.00	15.96	15.84	15.86	
		75	0	17.00	15.97	15.87	15.78	
	64QAM	1	0	17.00	15.75	15.90	15.91	
		1	38	17.00	15.08	15.14	14.97	
		1	74	17.00	15.74	15.72	15.38	
		36	0	17.00	15.96	16.09	15.88	
		36	18	17.00	15.88	15.94	15.85	
		36	39	17.00	15.91	15.93	15.92	
		75	0	17.00	15.97	16.00	15.76	
	Bandwidth	Modulation	RB size	RB offset	Tune-up Max.	Channel 37850CH	Channel 38000CH	Channel 38150CH
	20MHz	QPSK	1	0	17.00	15.94	15.97	16.00
1			50	17.00	15.78	15.80	15.72	
1			99	17.00	15.85	15.85	15.74	
50			0	17.00	16.00	16.00	15.94	
50			25	17.00	16.02	16.04	16.02	
50			50	17.00	16.03	16.00	15.98	
100			0	17.00	15.96	15.97	15.88	
16QAM		1	0	17.00	16.53	16.51	16.47	
		1	50	17.00	16.25	16.25	16.24	
		1	99	17.00	16.37	16.34	16.25	
		50	0	17.00	15.97	15.95	15.93	
		50	25	17.00	16.03	15.99	15.89	
		50	50	17.00	15.97	15.93	15.91	
		100	0	17.00	15.89	15.91	15.87	
64QAM		1	0	17.00	15.79	15.85	15.81	
		1	50	17.00	15.04	15.16	15.01	
		1	99	17.00	15.62	15.67	15.45	
		50	0	17.00	16.01	16.03	15.95	
		50	25	17.00	16.00	16.01	15.96	
		50	50	17.00	15.96	15.91	15.82	
		100	0	17.00	15.91	15.92	15.87	

Table 41: Test results conducted power measurement LTE Band 38 (Receiver ON+WIFI)

Note: The conducted power of LTE Band 38 is measured with RMS detector.

1.12 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	23.00	22.02	22.08	21.93
		1	3	23.00	21.54	22.14	21.33
		1	5	23.00	22.15	22.27	21.74
		3	0	23.00	22.22	22.10	21.88
		3	2	23.00	21.92	21.92	21.73
		3	3	23.00	22.17	22.21	21.72
		6	0	23.00	22.07	22.30	21.68
	16QAM	1	0	23.00	22.14	22.48	22.08
		1	3	23.00	21.88	22.01	21.70
		1	5	23.00	22.21	22.36	21.79
		3	0	23.00	21.93	22.25	21.93
		3	2	23.00	21.80	22.07	21.96
		3	3	23.00	22.17	22.08	21.87
		6	0	22.50	21.36	21.50	21.29
	64QAM	1	0	22.50	21.76	21.97	21.38
		1	3	22.50	21.39	21.63	21.43
		1	5	22.50	21.74	21.94	21.27
		3	0	22.50	21.46	21.72	21.31
		3	2	22.50	21.63	21.68	21.47
		3	3	22.50	21.55	21.70	21.43
		6	0	21.50	20.55	20.59	20.15
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	131987CH	132322CH	132657CH
3MHz	QPSK	1	0	23.00	22.04	22.09	22.08
		1	7	23.00	22.25	22.11	22.26
		1	14	23.00	22.16	22.32	21.97
		8	0	23.00	22.41	22.51	22.33
		8	4	23.00	21.96	22.10	22.16
		8	7	23.00	21.94	22.25	22.26
		15	0	23.00	22.31	22.13	21.95
	16QAM	1	0	23.00	22.55	22.43	22.31
		1	7	23.00	22.31	22.08	22.22
		1	14	23.00	22.01	22.53	21.78
		8	0	22.50	21.69	21.62	21.56
		8	4	22.50	21.84	21.64	21.64
		8	7	22.50	21.57	21.91	21.65
		15	0	22.50	21.28	21.48	21.47
	64QAM	1	0	22.50	21.72	21.20	21.73
		1	7	22.50	21.22	21.38	21.52
		1	14	22.50	21.54	21.94	21.23
		8	0	21.50	20.59	20.42	21.07
		8	4	21.50	20.52	20.93	20.63
		8	7	21.50	20.79	20.99	20.53
		15	0	21.50	20.32	20.83	20.77
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel

				Max.	131997CH	132322CH	132647CH
5MHz	QPSK	1	0	23.00	22.18	22.22	22.05
		1	13	23.00	22.09	21.87	22.25
		1	24	23.00	22.02	22.36	22.16
		12	0	23.00	22.25	22.50	22.18
		12	6	23.00	22.19	22.30	22.16
		12	13	23.00	21.89	22.45	22.13
		25	0	23.00	22.31	22.43	21.97
	16QAM	1	0	23.00	22.48	22.17	22.61
		1	13	23.00	22.11	22.17	22.20
		1	24	23.00	22.34	22.71	21.99
		12	0	22.50	21.74	21.64	21.88
		12	6	22.50	21.60	21.61	21.54
		12	13	22.50	21.73	21.91	21.46
		25	0	22.50	21.37	21.62	21.53
	64QAM	1	0	22.50	21.65	21.28	21.67
		1	13	22.50	21.00	21.28	21.30
		1	24	22.50	21.79	21.55	21.39
		12	0	21.50	20.75	20.61	21.07
		12	6	21.50	20.69	20.82	20.87
		12	13	21.50	20.54	20.89	20.50
		25	0	21.50	20.38	20.87	20.72
Bandwidth	Modulation	RB size	RB offset	Tune-up Max.	Channel 132022CH	Channel 132322CH	Channel 132622CH
10MHz	QPSK	1	0	23.00	22.08	22.35	22.18
		1	25	23.00	22.06	21.77	21.96
		1	49	23.00	21.99	22.07	22.10
		25	0	23.00	22.23	22.25	22.22
		25	13	23.00	22.28	22.13	22.27
		25	25	23.00	22.25	22.32	21.88
		50	0	23.00	22.42	22.34	21.99
	16QAM	1	0	23.00	22.49	22.37	22.70
		1	25	23.00	22.25	22.02	22.26
		1	49	23.00	22.36	22.72	22.00
		25	0	22.50	21.80	21.89	21.68
		25	13	22.50	21.87	21.86	21.53
		25	25	22.50	21.79	21.83	21.37
		50	0	22.50	21.43	21.68	21.42
	64QAM	1	0	22.50	21.60	21.68	21.78
		1	25	22.50	21.21	21.42	21.36
		1	49	22.50	21.64	21.73	21.31
		25	0	21.50	20.66	20.62	20.76
		25	13	21.50	20.51	20.54	20.73
		25	25	21.50	20.68	20.93	20.55
		50	0	21.50	20.58	20.54	20.75
Bandwidth	Modulation	RB size	RB offset	Tune-up Max.	Channel 132047CH	Channel 132322CH	Channel 132597CH
15MHz	QPSK	1	0	23.00	22.04	22.16	22.27
		1	38	23.00	22.08	22.05	21.80
		1	74	23.00	22.26	22.27	22.02

		36	0	23.00	22.42	22.25	22.39	
		36	18	23.00	22.15	22.26	21.99	
		36	39	23.00	22.17	22.37	21.96	
		75	0	23.00	22.15	22.20	22.10	
	16QAM	1	0	23.00	22.46	22.13	22.51	
		1	38	23.00	22.07	22.08	22.18	
		1	74	23.00	22.13	22.36	21.91	
		36	0	22.50	21.58	21.60	21.59	
		36	18	22.50	21.49	21.79	21.50	
		36	39	22.50	21.71	21.72	21.40	
		75	0	22.50	21.76	21.85	21.38	
	64QAM	1	0	22.50	21.79	21.49	21.57	
		1	38	22.50	21.27	21.36	21.52	
		1	74	22.50	21.60	21.56	21.39	
		36	0	21.50	20.59	20.85	20.81	
		36	18	21.50	20.73	20.82	20.65	
		36	39	21.50	20.75	20.78	20.32	
		75	0	21.50	20.69	20.66	20.57	
	Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
					Max.	132072CH	132322CH	132572CH
	20MHz	QPSK	1	0	23.00	22.12	22.21	22.29
1			50	23.00	21.94	22.03	21.92	
1			99	23.00	22.13	22.25	21.88	
50			0	23.00	22.27	22.25	22.30	
50			25	23.00	22.23	22.28	22.13	
50			50	23.00	22.28	22.36	21.94	
100			0	23.00	22.26	22.33	22.10	
16QAM		1	0	23.00	22.42	22.27	22.46	
		1	50	23.00	22.21	21.95	22.18	
		1	99	23.00	22.26	22.47	21.99	
		50	0	22.50	21.67	21.70	21.70	
		50	25	22.50	21.62	21.72	21.57	
		50	50	22.50	21.58	21.71	21.35	
		100	0	22.50	21.63	21.72	21.51	
64QAM		1	0	22.50	21.66	21.62	21.66	
		1	50	22.50	21.17	21.37	21.40	
		1	99	22.50	21.56	21.69	21.44	
		50	0	21.50	20.72	20.72	20.75	
		50	25	21.50	20.73	20.77	20.63	
		50	50	21.50	20.67	20.69	20.43	
		100	0	21.50	20.64	20.69	20.54	

Table 42: Test results conducted power measurement 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	19.50	18.63	19.08	18.79
		1	3	19.50	18.28	18.41	18.16
		1	5	19.50	18.68	18.30	18.79
		3	0	19.50	18.66	18.90	18.88
		3	2	19.50	18.79	18.86	18.36
		3	3	19.50	18.61	18.75	18.47
		6	0	19.50	18.70	18.75	18.83
	16QAM	1	0	19.50	19.16	19.04	18.94
		1	3	19.50	18.72	18.70	18.53
		1	5	19.50	19.05	18.95	19.12
		3	0	19.50	18.73	18.66	18.74
		3	2	19.50	19.03	18.62	18.40
		3	3	19.50	18.63	18.86	17.95
		6	0	19.50	18.63	18.65	18.66
	64QAM	1	0	19.50	18.86	18.84	18.70
		1	3	19.50	18.10	18.31	18.33
		1	5	19.50	18.96	18.83	18.18
		3	0	19.50	18.65	18.97	18.69
		3	2	19.50	18.81	19.01	18.83
		3	3	19.50	18.77	18.66	18.22
		6	0	19.50	18.55	18.73	18.68
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
3MHz	QPSK	1	0	19.50	18.55	18.96	18.58
		1	7	19.50	18.36	18.44	18.21
		1	14	19.50	18.64	18.62	18.55
		8	0	19.50	18.55	18.90	18.73
		8	4	19.50	18.78	18.79	18.29
		8	7	19.50	18.52	18.56	18.81
		15	0	19.50	18.50	18.52	18.81
	16QAM	1	0	19.50	19.26	19.09	18.80
		1	7	19.50	18.81	18.47	18.66
		1	14	19.50	18.91	19.02	18.96
		8	0	19.50	18.53	18.78	18.67
		8	4	19.50	19.13	18.55	18.42
		8	7	19.50	18.64	18.66	18.19
		15	0	19.50	18.95	18.37	18.66
	64QAM	1	0	19.50	18.71	18.73	18.69
		1	7	19.50	18.24	18.32	18.60
		1	14	19.50	18.82	18.78	18.20
		8	0	19.50	18.77	19.00	18.58
		8	4	19.50	18.94	18.76	18.67
		8	7	19.50	18.83	18.73	18.45
		15	0	19.50	18.58	18.94	18.34
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
5MHz	QPSK	1	0	19.50	18.49	18.88	18.80
		1	13	19.50	18.26	18.42	18.47

		1	24	19.50	18.67	18.46	18.70
		12	0	19.50	18.74	18.82	18.51
		12	6	19.50	18.99	18.76	18.45
		12	13	19.50	18.54	18.71	18.55
		25	0	19.50	18.68	18.50	18.84
		1	0	19.50	19.15	19.02	18.89
		1	13	19.50	18.80	18.63	18.31
		1	24	19.50	18.88	19.02	18.76
		12	0	19.50	18.64	18.75	18.88
	12	6	19.50	18.91	18.47	18.54	
	12	13	19.50	18.34	18.66	18.28	
	25	0	19.50	18.70	18.60	18.52	
	1	0	19.50	18.78	19.04	18.93	
	1	13	19.50	18.18	18.23	18.73	
	1	24	19.50	18.61	18.95	18.40	
	12	0	19.50	18.56	18.90	18.51	
	12	6	19.50	18.62	18.82	18.60	
	12	13	19.50	18.95	18.52	18.37	
25	0	19.50	18.51	18.75	18.57		
Bandwidth	Modulation	RB size	RB offset	Tune-up Max.	Channel 132022CH	Channel 132322CH	Channel 132622CH
10MHz	QPSK	1	0	19.50	18.54	18.79	18.71
		1	25	19.50	18.32	18.47	18.52
		1	49	19.50	18.80	18.65	18.38
		25	0	19.50	18.96	18.95	18.79
		25	13	19.50	18.94	18.92	18.56
		25	25	19.50	18.61	18.74	18.64
		50	0	19.50	18.74	18.72	18.72
	16QAM	1	0	19.50	19.21	18.87	18.99
		1	25	19.50	18.78	18.72	18.53
		1	49	19.50	18.73	19.19	18.60
		25	0	19.50	18.57	18.58	18.85
		25	13	19.50	18.74	18.67	18.56
		25	25	19.50	18.66	18.48	18.20
		50	0	19.50	18.61	18.77	18.62
	64QAM	1	0	19.50	18.50	18.80	18.71
		1	25	19.50	18.13	18.49	18.74
		1	49	19.50	18.69	18.80	18.52
		25	0	19.50	18.52	18.88	18.71
		25	13	19.50	18.83	18.74	18.66
		25	25	19.50	18.74	18.64	18.30
		50	0	19.50	18.82	18.63	18.52
Bandwidth	Modulation	RB size	RB offset	Tune-up Max.	Channel 132047CH	Channel 132322CH	Channel 132597CH
15MHz	QPSK	1	0	19.50	18.79	18.65	18.98
		1	38	19.50	18.28	18.50	18.57
		1	74	19.50	18.62	18.58	18.31
		36	0	19.50	18.73	18.78	18.81
		36	18	19.50	18.80	18.87	18.67
		36	39	19.50	18.78	18.60	18.58

	16QAM	75	0	19.50	18.85	18.68	18.78
		1	0	19.50	18.87	19.05	19.00
		1	38	19.50	18.77	18.66	18.68
		1	74	19.50	18.59	18.92	18.54
		36	0	19.50	18.80	18.78	18.86
		36	18	19.50	18.68	18.74	18.59
		36	39	19.50	18.64	18.61	18.53
		75	0	19.50	18.73	18.63	18.55
	64QAM	1	0	19.50	18.81	18.92	18.79
		1	38	19.50	18.44	18.52	18.58
		1	74	19.50	18.48	18.79	18.29
		36	0	19.50	18.64	18.75	18.82
		36	18	19.50	18.56	18.76	18.63
		36	39	19.50	18.71	18.78	18.50
75		0	19.50	18.52	18.70	18.67	
Bandwidth	Modulation	RB size	RB offset	Tune-up Max.	Channel 132072CH	Channel 132322CH	Channel 132572CH
20MHz	QPSK	1	0	19.50	18.50	18.69	18.83
		1	50	19.50	18.38	18.53	18.42
		1	99	19.50	18.36	18.66	18.43
		50	0	19.50	18.76	18.79	18.82
		50	25	19.50	18.74	18.81	18.72
		50	50	19.50	18.65	18.73	18.47
		100	0	19.50	18.74	18.75	18.65
	16QAM	1	0	19.50	18.95	18.96	19.05
		1	50	19.50	18.70	18.64	18.60
		1	99	19.50	18.73	18.99	18.67
		50	0	19.50	18.72	18.73	18.79
		50	25	19.50	18.69	18.71	18.60
		50	50	19.50	18.60	18.64	18.39
		100	0	19.50	18.64	18.72	18.55
	64QAM	1	0	19.50	18.77	18.86	18.79
		1	50	19.50	18.30	18.48	18.69
		1	99	19.50	18.48	18.79	18.40
		50	0	19.50	18.68	18.68	18.75
		50	25	19.50	18.69	18.78	18.60
		50	50	19.50	18.64	18.75	18.38
		100	0	19.50	18.63	18.68	18.60

Table 43: Test results conducted power measurement 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	19.00	17.98	17.87	17.81
		1	3	19.00	17.95	17.96	17.81
		1	5	19.00	18.02	18.39	18.21
		3	0	19.00	18.10	18.19	18.38
		3	2	19.00	18.19	17.98	17.96
		3	3	19.00	17.99	18.36	18.02
		6	0	19.00	18.16	18.41	18.43
	16QAM	1	0	19.00	18.52	18.14	18.16
		1	3	19.00	17.40	18.07	17.82
		1	5	19.00	18.17	18.41	17.85
		3	0	19.00	18.33	17.98	18.38
		3	2	19.00	18.31	18.07	17.82
		3	3	19.00	17.79	18.59	17.87
		6	0	19.00	18.18	17.99	18.09
	64QAM	1	0	19.00	18.43	18.01	18.17
		1	3	19.00	18.01	17.44	18.02
		1	5	19.00	18.07	18.35	18.06
		3	0	19.00	18.24	18.54	17.98
		3	2	19.00	18.38	18.58	17.98
		3	3	19.00	18.00	18.05	18.12
		6	0	19.00	18.03	18.32	17.91
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
3MHz	QPSK	1	0	19.00	18.05	17.97	18.15
		1	7	19.00	17.65	18.15	17.79
		1	14	19.00	18.00	18.13	18.10
		8	0	19.00	18.29	18.29	18.58
		8	4	19.00	18.32	18.32	17.82
		8	7	19.00	18.16	18.37	17.90
		15	0	19.00	18.05	18.31	18.25
	16QAM	1	0	19.00	18.45	18.35	18.24
		1	7	19.00	17.63	18.19	17.63
		1	14	19.00	18.11	18.51	17.93
		8	0	19.00	18.20	18.04	18.24
		8	4	19.00	18.32	17.91	17.66
		8	7	19.00	18.02	18.42	18.02
		15	0	19.00	18.04	18.21	18.10
	64QAM	1	0	19.00	18.49	18.03	18.30
		1	7	19.00	18.29	17.36	18.11
		1	14	19.00	18.13	18.32	17.95
		8	0	19.00	18.41	18.39	17.94
		8	4	19.00	18.04	18.39	17.93
		8	7	19.00	17.89	18.20	18.35
		15	0	19.00	17.98	18.16	17.95
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
5MHz	QPSK	1	0	19.00	18.07	18.23	17.99
		1	13	19.00	17.75	18.07	17.80

		1	24	19.00	18.21	18.27	17.85		
		12	0	19.00	18.17	18.29	18.51		
		12	6	19.00	18.43	18.12	17.97		
		12	13	19.00	18.03	18.34	17.87		
		25	0	19.00	18.17	18.45	18.14		
	16QAM	1	0	19.00	18.51	18.28	18.22		
		1	13	19.00	17.74	18.14	17.94		
		1	24	19.00	18.20	18.31	17.82		
		12	0	19.00	18.33	18.05	18.29		
		12	6	19.00	18.04	18.07	17.79		
		12	13	19.00	18.21	18.25	17.95		
	64QAM	25	0	19.00	18.16	18.25	17.93		
		1	0	19.00	18.42	18.09	18.22		
		1	13	19.00	18.14	17.45	18.28		
		1	24	19.00	18.33	18.40	17.92		
		12	0	19.00	18.50	18.46	18.10		
		12	6	19.00	18.28	18.44	17.78		
	Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel	
Max.					132022CH	132322CH	132622CH		
10MHz		QPSK	1	0	19.00	18.20	18.00	18.18	
			1	25	19.00	17.90	18.02	17.98	
			1	49	19.00	18.11	17.91	17.88	
			25	0	19.00	17.96	18.40	18.38	
			25	13	19.00	18.20	18.15	17.99	
			25	25	19.00	18.05	18.21	18.04	
		16QAM	50	0	19.00	18.30	18.34	18.38	
			1	0	19.00	18.48	18.43	18.37	
			1	25	19.00	17.76	17.86	18.09	
			1	49	19.00	18.21	18.34	17.82	
			25	0	19.00	18.25	18.01	18.24	
			25	13	19.00	18.09	18.17	17.87	
		64QAM	25	25	19.00	18.20	18.05	17.65	
			50	0	19.00	18.06	18.41	18.22	
			1	0	19.00	18.36	18.28	18.23	
			1	25	19.00	18.02	17.42	18.14	
	1		49	19.00	18.32	18.35	17.93		
	25		0	19.00	18.30	18.23	18.07		
	Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel	
					Max.	132047CH	132322CH	132597CH	
		15MHz	QPSK	25	25	19.00	17.90	18.18	17.89
				50	0	19.00	17.96	18.21	18.01
				1	0	19.00	18.22	18.22	18.30
				1	38	19.00	18.04	18.19	17.83
1				74	19.00	18.07	18.10	17.95	
36				0	19.00	18.27	18.36	18.17	
36				18	19.00	18.28	18.43	18.30	
36		39	19.00	18.09	18.25	17.81			

	16QAM	75	0	19.00	18.25	18.14	18.16
		1	0	19.00	18.52	18.31	18.41
		1	38	19.00	17.95	18.13	18.13
		1	74	19.00	18.03	18.37	18.02
		36	0	19.00	18.17	18.12	18.23
		36	18	19.00	18.21	18.29	18.14
		36	39	19.00	17.91	18.12	17.79
		75	0	19.00	18.20	18.22	18.13
	64QAM	1	0	19.00	18.28	18.37	18.46
		1	38	19.00	17.92	17.60	18.13
		1	74	19.00	18.22	18.30	17.83
		36	0	19.00	18.06	18.20	18.33
		36	18	19.00	18.28	18.25	18.09
		36	39	19.00	18.12	18.11	17.86
75		0	19.00	18.03	18.27	17.97	
Bandwidth	Modulation	RB size	RB offset	Tune-up Max.	Channel 132072CH	Channel 132322CH	Channel 132572CH
20MHz	QPSK	1	0	19.00	18.20	18.20	18.30
		1	50	19.00	17.91	18.05	17.93
		1	99	19.00	18.06	18.16	17.90
		50	0	19.00	18.23	18.27	18.32
		50	25	19.00	18.23	18.29	18.22
		50	50	19.00	18.16	18.24	17.92
		100	0	19.00	18.21	18.26	18.17
	16QAM	1	0	19.00	18.39	18.32	18.37
		1	50	19.00	17.88	18.06	18.09
		1	99	19.00	18.17	18.36	17.89
		50	0	19.00	18.17	18.17	18.23
		50	25	19.00	18.12	18.22	18.06
		50	50	19.00	18.05	18.21	17.85
		100	0	19.00	18.16	18.19	18.05
	64QAM	1	0	19.00	18.29	18.24	18.37
		1	50	19.00	18.02	17.64	18.02
		1	99	19.00	18.35	18.29	17.90
		50	0	19.00	18.19	18.25	18.24
		50	25	19.00	18.17	18.24	18.10
		50	50	19.00	18.08	18.20	17.89
		100	0	19.00	18.11	18.21	18.07

Table 44: Test results conducted power measurement LTE Band 66 (Receiver OFF+Hotspot)

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	131979CH	132322CH	132665CH
1.4MHz	QPSK	1	0	15.50	15.00	14.79	14.94
		1	3	15.50	14.38	14.70	14.04
		1	5	15.50	14.39	14.57	13.97
		3	0	15.50	14.67	14.55	14.53
		3	2	15.50	14.67	14.98	14.62
		3	3	15.50	14.78	15.07	14.52
		6	0	15.50	14.65	14.83	14.32
	16QAM	1	0	15.50	14.87	14.75	15.02
		1	3	15.50	14.39	14.13	14.53
		1	5	15.50	14.74	14.81	14.68
		3	0	15.50	14.60	14.14	14.73
		3	2	15.50	14.59	14.66	14.21
		3	3	15.50	14.39	14.79	14.36
		6	0	15.50	14.60	14.55	14.50
	64QAM	1	0	15.50	15.06	14.71	14.74
		1	3	15.50	14.47	14.41	14.57
		1	5	15.50	14.79	15.03	14.30
		3	0	15.50	14.60	14.93	14.75
		3	2	15.50	14.69	14.36	14.58
		3	3	15.50	14.74	14.74	14.24
		6	0	15.50	14.56	14.85	14.75
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
3MHz	QPSK	1	0	15.50	14.81	14.67	14.85
		1	7	15.50	14.44	14.69	14.24
		1	14	15.50	14.30	14.73	14.06
		8	0	15.50	14.86	14.69	14.73
		8	4	15.50	14.80	14.73	14.94
		8	7	15.50	14.64	14.97	14.50
		15	0	15.50	14.66	15.01	14.30
	16QAM	1	0	15.50	14.74	14.85	14.87
		1	7	15.50	14.38	14.55	14.60
		1	14	15.50	15.14	14.96	14.90
		8	0	15.50	14.67	14.45	14.55
		8	4	15.50	14.41	14.77	14.48
		8	7	15.50	14.39	14.75	14.44
		15	0	15.50	14.71	14.63	14.42
	64QAM	1	0	15.50	14.70	14.84	14.84
		1	7	15.50	14.33	14.34	14.73
		1	14	15.50	14.69	14.92	14.21
		8	0	15.50	14.53	14.86	14.92
		8	4	15.50	14.74	14.60	14.78
		8	7	15.50	14.63	14.80	14.00
		15	0	15.50	14.66	15.02	14.56
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
5MHz	QPSK	1	0	15.50	14.79	14.72	14.80
		1	13	15.50	14.62	14.42	14.18

		1	24	15.50	14.23	14.69	14.23	
		12	0	15.50	14.70	14.90	14.60	
		12	6	15.50	14.60	14.75	14.88	
		12	13	15.50	14.64	14.88	14.50	
		25	0	15.50	14.91	14.86	14.46	
		25	13	15.50	14.91	14.86	14.46	
	16QAM	1	0	15.50	15.00	15.06	14.96	
		1	13	15.50	14.44	14.58	14.39	
		1	24	15.50	15.05	14.79	14.68	
		12	0	15.50	14.57	14.50	14.66	
		12	6	15.50	14.50	14.97	14.43	
		12	13	15.50	14.26	14.70	14.26	
	64QAM	25	0	15.50	14.49	14.49	14.33	
		1	0	15.50	14.70	15.10	14.88	
		1	13	15.50	14.58	14.31	14.63	
		1	24	15.50	14.61	14.90	14.20	
		12	0	15.50	14.66	14.91	14.85	
		12	6	15.50	14.64	14.53	14.53	
		12	13	15.50	14.75	14.98	14.14	
		25	0	15.50	14.69	14.96	14.62	
		12	13	15.50	14.75	14.98	14.14	
		25	0	15.50	14.69	14.96	14.62	
		12	13	15.50	14.75	14.98	14.14	
		25	0	15.50	14.69	14.96	14.62	
Bandwidth	Modulation	RB size	RB offset	Tune-up Max.	Channel 132022CH	Channel 132322CH	Channel 132622CH	
10MHz	QPSK	1	0	15.50	14.68	14.58	14.90	
		1	25	15.50	14.46	14.50	14.54	
		1	49	15.50	14.41	14.57	14.30	
		25	0	15.50	14.59	14.77	14.71	
		25	13	15.50	14.66	14.90	14.58	
		25	25	15.50	14.85	14.85	14.33	
	16QAM	50	0	15.50	14.70	14.78	14.40	
		1	0	15.50	15.03	14.90	14.94	
		1	25	15.50	14.55	14.67	14.35	
		1	49	15.50	14.86	14.81	14.66	
		25	0	15.50	14.52	14.67	14.66	
		25	13	15.50	14.43	14.73	14.40	
	64QAM	25	25	15.50	14.43	14.63	14.49	
		50	0	15.50	14.64	14.75	14.35	
		1	0	15.50	14.59	15.00	14.70	
		1	25	15.50	14.50	14.26	14.42	
		1	49	15.50	14.80	15.04	14.23	
		25	0	15.50	14.67	14.71	14.70	
			25	13	15.50	14.76	14.67	14.59
			25	25	15.50	14.69	14.87	14.34
			50	0	15.50	14.72	14.85	14.26
			1	0	15.50	14.59	15.00	14.70
			1	25	15.50	14.50	14.26	14.42
			1	49	15.50	14.80	15.04	14.23
Bandwidth	Modulation	RB size	RB offset	Tune-up Max.	Channel 132047CH	Channel 132322CH	Channel 132597CH	
15MHz	QPSK	1	0	15.50	14.75	14.45	14.62	
		1	38	15.50	14.48	14.39	14.27	
		1	74	15.50	14.70	14.67	14.45	
		36	0	15.50	14.72	14.60	14.73	
		36	18	15.50	14.63	14.92	14.57	
		36	39	15.50	14.74	14.63	14.47	

	16QAM	75	0	15.50	14.69	14.66	14.59
		1	0	15.50	14.95	14.87	14.90
		1	38	15.50	14.48	14.68	14.63
		1	74	15.50	14.87	15.02	14.69
		36	0	15.50	14.62	14.58	14.73
		36	18	15.50	14.58	14.86	14.69
		36	39	15.50	14.43	14.58	14.23
		75	0	15.50	14.55	14.66	14.45
	64QAM	1	0	15.50	14.76	14.71	14.87
		1	38	15.50	14.54	14.54	14.60
		1	74	15.50	14.59	14.83	14.43
		36	0	15.50	14.56	14.68	14.80
		36	18	15.50	14.66	14.90	14.60
		36	39	15.50	14.51	14.75	14.29
75		0	15.50	14.68	14.63	14.52	
Bandwidth	Modulation	RB size	RB offset	Tune-up Max.	Channel 132072CH	Channel 132322CH	Channel 132572CH
20MHz	QPSK	1	0	15.50	14.65	14.59	14.76
		1	50	15.50	14.45	14.51	14.41
		1	99	15.50	14.57	14.66	14.37
		50	0	15.50	14.71	14.72	14.85
		50	25	15.50	14.73	14.78	14.68
		50	50	15.50	14.64	14.76	14.42
		100	0	15.50	14.67	14.78	14.60
	16QAM	1	0	15.50	14.97	14.92	15.01
		1	50	15.50	14.51	14.62	14.62
		1	99	15.50	14.90	14.94	14.61
		50	0	15.50	14.61	14.70	14.70
		50	25	15.50	14.60	14.72	14.57
		50	50	15.50	14.55	14.68	14.36
		100	0	15.50	14.65	14.67	14.50
	64QAM	1	0	15.50	14.63	14.74	14.87
		1	50	15.50	14.56	14.48	14.58
		1	99	15.50	14.74	14.79	14.35
		50	0	15.50	14.58	14.69	14.74
		50	25	15.50	14.71	14.76	14.52
		50	50	15.50	14.61	14.77	14.43
		100	0	15.50	14.66	14.76	14.50

Table 45: Test results conducted power measurement LTE Band 66 (Receiver ON+Hotspot)

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	131979CH	132322CH	132665CH
1.4MHz	QPSK	1	0	20.50	19.66	19.48	19.76
		1	3	20.50	19.08	19.62	19.33
		1	5	20.50	19.28	19.55	19.79
		3	0	20.50	19.56	19.83	19.92
		3	2	20.50	19.59	19.70	19.82
		3	3	20.50	19.72	19.89	19.47
		6	0	20.50	19.50	19.51	19.69
	16QAM	1	0	20.50	20.09	20.01	19.91
		1	3	20.50	19.76	19.71	19.89
		1	5	20.50	20.01	19.55	19.44
		3	0	20.50	19.72	19.57	19.29
		3	2	20.50	19.40	19.49	19.51
		3	3	20.50	19.30	19.39	19.24
		6	0	20.50	19.75	19.84	19.52
	64QAM	1	0	20.50	19.86	19.58	19.92
		1	3	20.50	19.59	18.99	19.71
		1	5	20.50	20.08	19.79	19.50
		3	0	20.50	19.80	20.08	19.94
		3	2	20.50	19.39	20.18	19.40
		3	3	20.50	19.88	20.01	19.46
		6	0	20.50	19.64	19.25	19.67
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
3MHz	QPSK	1	0	20.50	19.78	19.41	19.81
		1	7	20.50	19.16	19.40	19.50
		1	14	20.50	19.48	19.51	19.61
		8	0	20.50	19.65	19.54	19.80
		8	4	20.50	19.82	19.61	19.78
		8	7	20.50	19.72	19.87	19.56
		15	0	20.50	19.72	19.58	19.79
	16QAM	1	0	20.50	19.91	19.95	19.99
		1	7	20.50	19.63	19.58	19.88
		1	14	20.50	19.89	19.67	19.36
		8	0	20.50	19.66	19.75	19.51
		8	4	20.50	19.56	19.37	19.50
		8	7	20.50	19.39	19.52	18.93
		15	0	20.50	19.51	19.88	19.43
	64QAM	1	0	20.50	19.61	19.63	19.60
		1	7	20.50	19.53	19.25	19.79
		1	14	20.50	20.13	19.66	19.77
		8	0	20.50	19.66	20.02	19.96
		8	4	20.50	19.54	19.92	19.59
		8	7	20.50	19.47	20.00	19.61
		15	0	20.50	19.61	19.41	19.54
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
5MHz	QPSK	1	0	20.50	19.78	19.48	19.72
		1	13	20.50	19.38	19.43	19.70

		1	24	20.50	19.65	19.64	19.50	
		12	0	20.50	19.63	19.59	19.87	
		12	6	20.50	19.53	19.95	19.81	
		12	13	20.50	19.46	19.79	19.57	
		25	0	20.50	19.93	19.70	19.59	
	16QAM	1	0	20.50	19.99	19.81	19.85	
		1	13	20.50	19.49	19.73	19.65	
		1	24	20.50	20.00	19.90	19.28	
		12	0	20.50	19.78	19.91	19.54	
		12	6	20.50	19.46	19.72	19.68	
		12	13	20.50	19.35	19.67	19.29	
	64QAM	25	0	20.50	19.37	19.82	19.42	
		1	0	20.50	19.60	19.81	19.78	
		1	13	20.50	19.36	19.17	19.67	
		1	24	20.50	19.92	19.66	19.65	
		12	0	20.50	19.71	19.84	19.83	
		12	6	20.50	19.55	19.82	19.64	
	10MHz	QPSK	12	13	20.50	19.59	19.80	19.34
25			0	20.50	19.58	19.51	19.33	
1			0	20.50	19.80	19.66	19.67	
1			25	20.50	19.24	19.40	19.55	
1			49	20.50	19.47	19.65	19.48	
25			0	20.50	19.60	19.54	19.69	
16QAM		25	13	20.50	19.47	19.82	19.67	
		25	25	20.50	19.56	19.92	19.48	
		50	0	20.50	19.57	19.57	19.67	
		1	0	20.50	20.01	20.06	19.74	
		1	25	20.50	19.36	19.53	19.53	
		1	49	20.50	19.86	19.84	19.46	
64QAM		25	0	20.50	19.78	19.61	19.64	
		25	13	20.50	19.54	19.52	19.40	
		25	25	20.50	19.41	19.71	19.31	
		50	0	20.50	19.47	19.67	19.64	
		1	0	20.50	19.66	19.79	19.86	
		1	25	20.50	19.53	19.24	19.61	
15MHz	QPSK	1	49	20.50	19.98	19.46	19.66	
		25	0	20.50	19.66	19.88	19.65	
		25	13	20.50	19.60	19.72	19.56	
		25	25	20.50	19.92	19.75	19.36	
		50	0	20.50	19.53	19.50	19.44	
		1	0	20.50	19.67	19.70	19.82	
	16QAM	1	38	20.50	19.30	19.42	19.66	
		1	74	20.50	19.52	19.80	19.43	
		36	0	20.50	19.82	19.78	19.88	
		36	18	20.50	19.79	19.86	19.60	
		36	39	20.50	19.62	19.61	19.30	
		36	0	20.50	19.82	19.78	19.88	
	Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
					Max.	132022CH	132322CH	132622CH
	Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
					Max.	132047CH	132322CH	132597CH

	16QAM	75	0	20.50	19.82	19.71	19.60
		1	0	20.50	20.02	19.93	19.83
		1	38	20.50	19.71	19.63	19.42
		1	74	20.50	19.90	19.67	19.42
		36	0	20.50	19.50	19.70	19.69
		36	18	20.50	19.64	19.58	19.54
		36	39	20.50	19.65	19.67	19.31
		75	0	20.50	19.63	19.60	19.50
	64QAM	1	0	20.50	19.61	19.71	19.70
		1	38	20.50	19.58	19.29	19.39
		1	74	20.50	19.76	19.77	19.33
		36	0	20.50	19.66	19.54	19.74
		36	18	20.50	19.52	19.70	19.72
		36	39	20.50	19.79	19.84	19.44
75	0	20.50	19.53	19.77	19.51		
Bandwidth	Modulation	RB size	RB offset	Tune-up Max.	Channel 132072CH	Channel 132322CH	Channel 132572CH
20MHz	QPSK	1	0	20.50	19.73	19.67	19.76
		1	50	20.50	19.44	19.47	19.53
		1	99	20.50	19.58	19.68	19.33
		50	0	20.50	19.68	19.78	19.79
		50	25	20.50	19.69	19.79	19.64
		50	50	20.50	19.63	19.75	19.42
		100	0	20.50	19.74	19.78	19.60
	16QAM	1	0	20.50	19.88	19.92	19.91
		1	50	20.50	19.58	19.57	19.55
		1	99	20.50	19.75	19.82	19.41
		50	0	20.50	19.63	19.63	19.72
		50	25	20.50	19.60	19.70	19.57
		50	50	20.50	19.64	19.68	19.35
		100	0	20.50	19.57	19.65	19.52
	64QAM	1	0	20.50	19.64	19.70	19.80
		1	50	20.50	19.51	19.29	19.48
		1	99	20.50	19.85	19.68	19.41
		50	0	20.50	19.65	19.68	19.74
		50	25	20.50	19.64	19.77	19.57
		50	50	20.50	19.66	19.78	19.49
		100	0	20.50	19.61	19.71	19.57

Table 46: Test results conducted power measurement LTE Band 66 (Receiver OFF+WIFI)

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	131979CH	132322CH	132665CH
1.4MHz	QPSK	1	0	17.00	16.21	16.51	16.55
		1	3	17.00	15.86	16.29	15.91
		1	5	17.00	15.94	16.43	15.70
		3	0	17.00	16.31	16.24	16.48
		3	2	17.00	16.15	16.04	16.06
		3	3	17.00	16.51	15.91	15.68
		6	0	17.00	15.91	16.12	16.46
	16QAM	1	0	17.00	16.47	16.46	16.42
		1	3	17.00	15.81	15.97	15.97
		1	5	17.00	16.12	16.39	15.76
		3	0	17.00	16.19	16.20	16.05
		3	2	17.00	16.15	16.36	15.95
		3	3	17.00	16.17	16.33	15.69
		6	0	17.00	16.07	15.82	16.15
	64QAM	1	0	17.00	16.39	16.04	16.06
		1	3	17.00	15.87	15.99	15.85
		1	5	17.00	16.29	16.13	15.93
		3	0	17.00	16.16	16.40	16.11
		3	2	17.00	16.53	16.49	16.07
		3	3	17.00	16.05	16.03	15.81
		6	0	17.00	16.17	16.34	15.75
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	131987CH	132322CH	132657CH
3MHz	QPSK	1	0	17.00	16.04	16.33	16.44
		1	7	17.00	15.66	15.95	15.83
		1	14	17.00	15.78	16.52	15.65
		8	0	17.00	16.33	16.40	16.09
		8	4	17.00	16.24	16.29	16.14
		8	7	17.00	16.49	16.06	15.87
		15	0	17.00	15.90	16.16	16.20
	16QAM	1	0	17.00	16.36	16.59	16.37
		1	7	17.00	15.86	15.89	16.01
		1	14	17.00	16.39	16.37	15.63
		8	0	17.00	16.02	16.33	15.89
		8	4	17.00	16.06	16.39	16.00
		8	7	17.00	16.18	16.27	15.88
		15	0	17.00	16.07	16.03	15.92
	64QAM	1	0	17.00	16.17	15.82	16.02
		1	7	17.00	15.95	16.14	16.00
		1	14	17.00	16.42	16.38	16.05
		8	0	17.00	16.03	16.18	15.97
		8	4	17.00	16.51	16.62	16.01
		8	7	17.00	15.91	16.30	15.68
		15	0	17.00	16.21	16.02	15.83
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
				Max.	131997CH	132322CH	132647CH
5MHz	QPSK	1	0	17.00	16.05	16.20	16.59
		1	13	17.00	15.91	15.90	15.91

		1	24	17.00	15.88	16.46	15.75	
		12	0	17.00	16.13	16.36	16.32	
		12	6	17.00	16.08	16.35	16.34	
		12	13	17.00	16.41	16.05	15.82	
		25	0	17.00	16.01	16.37	16.18	
		1	0	17.00	16.23	16.36	16.45	
		1	13	17.00	15.90	15.96	16.12	
		1	24	17.00	16.27	16.32	15.78	
		12	0	17.00	16.16	16.21	16.10	
	16QAM	12	6	17.00	16.30	16.36	16.14	
		12	13	17.00	16.24	16.44	15.75	
		25	0	17.00	16.30	16.14	16.07	
		64QAM	1	0	17.00	16.18	15.90	16.11
			1	13	17.00	15.79	15.97	16.03
			1	24	17.00	16.18	16.19	15.99
			12	0	17.00	15.83	16.20	16.27
			12	6	17.00	16.34	16.43	16.04
			12	13	17.00	16.19	16.16	15.85
25	0	17.00	16.28	16.06	15.72			
Bandwidth	Modulation	RB size	RB offset	Tune-up Max.	Channel 132022CH	Channel 132322CH	Channel 132622CH	
10MHz	QPSK	1	0	17.00	15.99	16.19	16.36	
		1	25	17.00	15.83	16.14	15.88	
		1	49	17.00	16.04	16.07	15.77	
		25	0	17.00	16.29	16.20	16.29	
		25	13	17.00	16.35	16.22	16.19	
		25	25	17.00	16.22	16.01	15.77	
		50	0	17.00	16.13	16.27	16.10	
	16QAM	1	0	17.00	16.43	16.38	16.49	
		1	25	17.00	15.81	15.88	15.99	
		1	49	17.00	16.14	16.47	16.21	
		25	0	17.00	15.94	16.14	16.23	
		25	13	17.00	16.06	15.95	16.27	
		25	25	17.00	16.25	16.13	15.92	
		50	0	17.00	16.25	16.16	16.04	
	64QAM	1	0	17.00	16.16	16.09	16.14	
		1	25	17.00	16.05	15.92	15.91	
		1	49	17.00	16.13	16.24	15.93	
		25	0	17.00	16.06	16.16	16.26	
		25	13	17.00	16.25	16.37	15.99	
		25	25	17.00	16.21	16.27	15.91	
		50	0	17.00	16.25	16.08	15.87	
Bandwidth	Modulation	RB size	RB offset	Tune-up Max.	Channel 132047CH	Channel 132322CH	Channel 132597CH	
15MHz	QPSK	1	0	17.00	16.21	16.20	16.27	
		1	38	17.00	15.85	16.10	15.89	
		1	74	17.00	15.96	16.39	15.98	
		36	0	17.00	16.22	16.30	16.37	
		36	18	17.00	16.20	16.16	16.14	
		36	39	17.00	16.03	16.26	15.77	

	16QAM	75	0	17.00	16.10	16.15	15.98
		1	0	17.00	16.57	16.44	16.40
		1	38	17.00	16.06	16.03	16.13
		1	74	17.00	16.14	16.39	16.02
		36	0	17.00	16.11	16.05	16.14
		36	18	17.00	16.06	16.16	15.96
		36	39	17.00	16.24	16.37	15.94
		75	0	17.00	16.00	16.12	16.05
	64QAM	1	0	17.00	16.04	16.02	16.10
		1	38	17.00	15.97	16.04	16.10
		1	74	17.00	16.38	16.17	15.86
		36	0	17.00	16.13	16.05	16.44
		36	18	17.00	16.10	16.46	15.95
		36	39	17.00	15.98	16.14	15.88
75		0	17.00	16.24	16.33	16.04	
Bandwidth	Modulation	RB size	RB offset	Tune-up Max.	Channel 132072CH	Channel 132322CH	Channel 132572CH
20MHz	QPSK	1	0	17.00	16.21	16.10	16.23
		1	50	17.00	15.93	16.08	15.93
		1	99	17.00	16.10	16.29	15.87
		50	0	17.00	16.18	16.24	16.28
		50	25	17.00	16.19	16.27	16.16
		50	50	17.00	16.18	16.29	15.91
		100	0	17.00	16.18	16.21	16.11
	16QAM	1	0	17.00	16.43	16.37	16.35
		1	50	17.00	16.03	15.99	16.15
		1	99	17.00	16.21	16.48	15.97
		50	0	17.00	16.07	16.14	16.18
		50	25	17.00	16.11	16.20	16.08
		50	50	17.00	16.10	16.25	15.94
		100	0	17.00	16.14	16.11	15.99
	64QAM	1	0	17.00	16.17	16.10	16.17
		1	50	17.00	15.96	15.91	16.00
		1	99	17.00	16.24	16.18	15.91
		50	0	17.00	16.16	16.18	16.34
		50	25	17.00	16.22	16.31	16.03
		50	50	17.00	16.10	16.24	15.94
		100	0	17.00	16.16	16.29	16.02

Table 47: Test results conducted power measurement LTE Band 66 (Receiver ON+WIFI)

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

1.13 Conducted power of 2.4G Wi-Fi

Mode	Ant	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up	Average Power (dBm)	SAR Test (Yes/No)	Power Setting
					Max.			
802.11b	Core0	1	2412	1Mbps	19.00	17.54	No	175
		6	2437		19.00	17.82	Yes	175
		11	2462		19.00	17.43	No	175
802.11g	Core0	1	2412	6Mbps	9.00	7.43	No	75
		2	2417		12.50	11.02	No	110
		3	2422		12.50	10.93	No	110
		4	2427		19.00	17.24	No	175
		5	2432		19.00	17.27	No	175
		6	2437		19.00	17.39	No	175
		7	2442		19.00	17.82	No	175
		8	2447		19.00	17.50	No	175
		9	2452		14.00	12.59	No	125
		10	2457		11.00	9.64	No	95
		11	2462		9.00	7.42	No	75
802.11n 20M	Core0	1	2412	MCS0	9.00	7.28	No	75
		2	2417		13.00	11.53	No	115
		3	2422		13.00	11.33	No	115
		4	2427		18.50	16.66	No	170
		5	2432		18.50	16.68	No	170
		6	2437		18.50	16.80	No	170
		7	2442		18.50	17.19	No	170
		8	2447		18.50	16.90	No	170
		9	2452		14.00	12.64	No	125
		10	2457		11.00	9.62	No	95
		11	2462		9.00	7.39	No	75
802.11n SISO 40M	Core0	3	2422	MCS0	8.00	5.79	No	65
		4	2427		8.00	5.92	No	65
		5	2432		17.50	15.43	No	160
		6	2437		17.50	15.57	No	160
		7	2442		17.50	15.61	No	160
		8	2447		10.00	8.11	No	85
		9	2452		9.00	7.03	No	75

Table 48: Test results conducted power measurement 2.4G Wi-Fi (Receiver OFF)

Mode	Ant	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune-up	Average Power (dBm)	SAR Test (Yes/No)	Power Setting
					Max.			
802.11b	Core0	1	2412	1Mbps	11.50	10.30	No	110
		6	2437		11.50	10.31	Yes	110
		11	2462		11.50	10.05	No	110
802.11g	Core0	1	2412	6Mbps	9.00	7.28	No	75
		2	2417		11.50	9.92	No	100
		3	2422		11.50	9.75	No	100
		4	2427		11.50	9.68	No	100
		5	2432		11.50	9.86	No	100
		6	2437		11.50	9.91	No	100
		7	2442		11.50	10.30	No	100
		8	2447		11.50	9.96	No	100
		9	2452		11.50	10.05	No	100
		10	2457		11.00	9.60	No	95
		11	2462		9.00	7.35	No	75
802.11n 20M	Core0	1	2412	MCS0	9.00	7.37	No	75
		2	2417		11.50	10.08	No	100
		3	2422		11.50	9.89	No	100
		4	2427		11.50	9.88	No	100
		5	2432		11.50	9.92	No	100
		6	2437		11.50	9.98	No	100
		7	2442		11.50	10.33	No	100
		8	2447		11.50	10.04	No	100
		9	2452		11.50	10.14	No	100
		10	2457		11.00	9.70	No	95
		11	2462		9.00	7.45	No	75
802.11n SISO 40M	Core0	3	2422	MCS0	8.00	5.94	No	65
		4	2427		8.00	6.08	No	65
		5	2432		11.50	9.57	No	100
		6	2437		11.50	9.77	Yes	100
		7	2442		11.50	9.70	No	100
		8	2447		10.00	8.26	No	85
		9	2452		9.00	7.23	No	75

Table 49: Test results conducted power measurement 2.4G Wi-Fi (WiFi Antenna Simutanuuous with 2G&3G&4G/Receiver on)

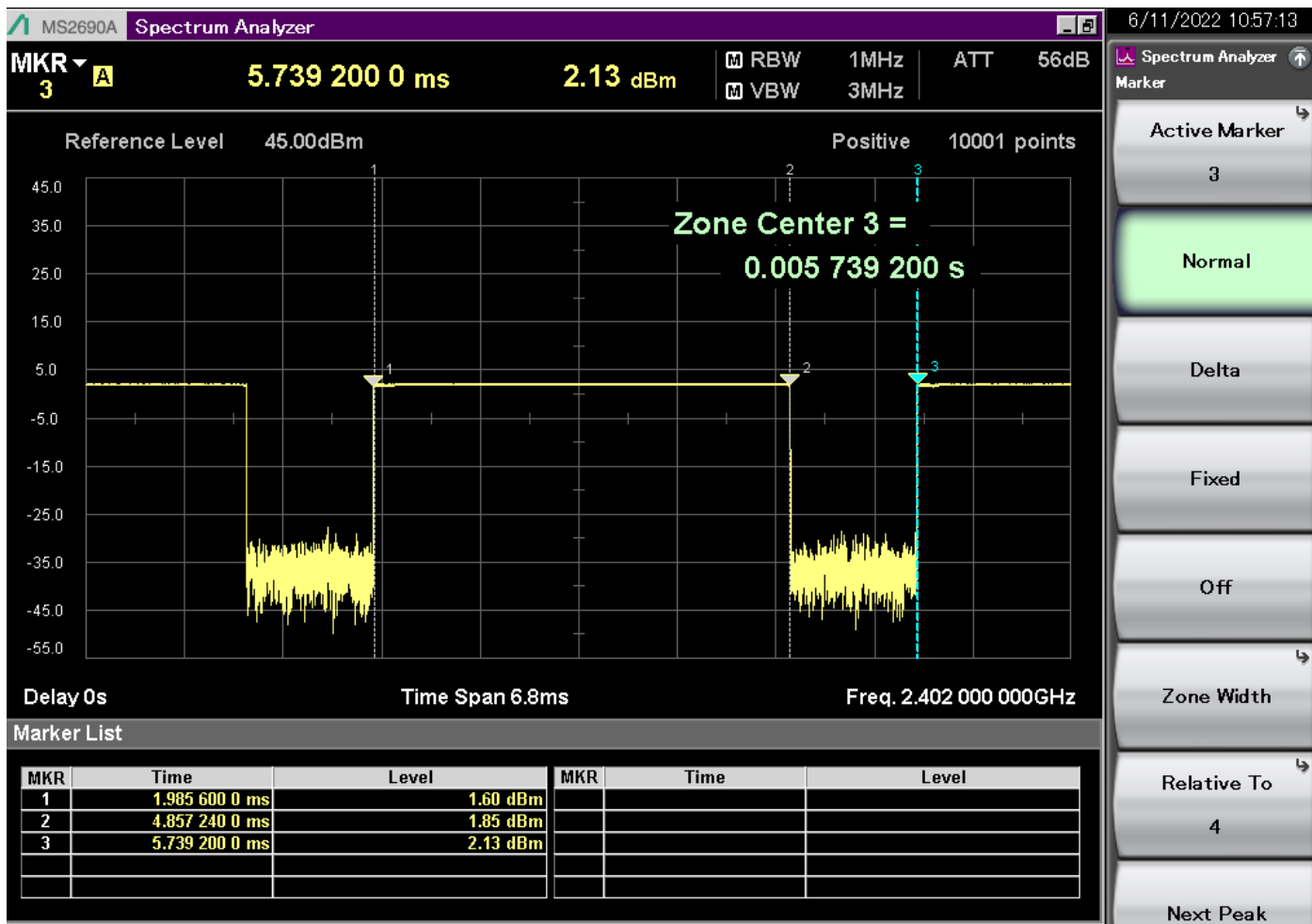
1.14 Conducted power of BT

BT Ant1	Tune-up	Average Power (dBm)		
	Max.	0CH	39CH	78CH
DH5	11.00	8.89	9.20	9.17
2DH5	9.50	6.44	6.58	6.87
3DH5	9.50	6.46	6.59	6.89
BT	Tune-up	Average Power (dBm)		
	Max.	0CH	19CH	39CH
BLE	8.00	5.25	5.17	4.68

Table 50: Test results conducted power measurement BT Ant1

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

Duty cycle measured result:



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

$$Duty\ cycle = \text{pules} \frac{\text{width}}{\text{period}} * 100\% = \frac{2.8716\text{ms}}{3.7536\text{ms}} * 100\% = 77\%$$