

6.9.3 Power Reduction Specification of 2G&3G&4G Main antenna

The following tables summarize the key power reduction information of 2G/3G/4G main antenna. The detailed full power and reduced conducted power measurement results are provided in the following section of this report:

		Main Ante	enna Power R	eduction Leve	l(dBm)				
				Receiver off			Receiver on		
	Other conditions	Hotsp	oot off		Hotspot on				
Band	conditions	Sens	or on*	sensor off	Sense	or on*	/		
Danu	Full power	Reduced Power Level D1	Reduced Power Level D2	Reduced Power Level D3	Reduced Power Level D4	Reduced Power Level D5	Reduced Power Level D6		
GSM1900	30.50	30.50	30.50	30.00	30.00	30.00	/		
UMTS Band II	24.50	22.50	24.50	22.00	20.00	22.00	22.00		
UMTS Band IV	24.50	24.50	24.50	22.50	22.50	22.50	22.50		
LTE Band 2	24.20	22.70	24.20	21.70	20.20	21.70	21.70		
LTE Band 4	23.70	23.70	23.70	22.70	22.70	22.70	22.70		
LTE Band 7	24.20	22.20	23.70	21.20	19.20	20.70	21.20		
CA_7C	24.00	22.00	23.50	21.00	19.00	20.50	21.00		
LTE Band 38	23.63	23.63	23.63	22.63	22.63	22.63	22.63		
CA_38C	23.63	23.63	23.63	22.63	22.63	22.63	22.63		
LTE Band 41	23.83	23.83	23.83	22.83	22.83	22.83	22.83		
CA_41C	23.63	23.63	23.63	22.63	22.63	22.63	22.63		
LTE Band 66	23.70	23.70	23.70	22.70	22.70	22.70	22.70		

Note:

1) * Reduced Power Level D1 or Reduced Power Level D2 is determined by different sensor Trigger Distance ranges when hotspot is off;

2) ** Reduced Power Level D4 or Reduced Power Level D5 is determined by different sensor Trigger Distance range when hotspot is on;

4) Please refer to the following section for detailed Proximity sensor power reduction test configuration and validation results per KDB616217.

5) The device does not support GSM band hotspot function when receiver on(Voice mode)..



6.9.4 Proximity sensor Power Reduction Test configuration and validation

Due to the operating configurations and exposure conditions required by the device, the proximity sensor is used to indicate when the device is held close to a user's body/hotspot exposure condition. It utilizes the proximity sensor to reduce the output power in specific wireless and operating modes of main antenna to ensure SAR compliance. It is also set an output power leveled to the lowest one to make sure that in any case of SAR sensor hardware failure, the SAR requirements can still be satisfied.

The following tables summerize the key power reduction information for proximity sensor. The test procedures in KDB 616217 should be applied to determine proximity sensor triggering distances, and sensor coverage for normal and tilt positions. To ensure all production units are compliant, it is generally necessary to reduce the triggering distance determined from the triggering tests by 1 mm, or more if it is necessary, and use the smallest distance for movements to and from the phantom, minus 1 mm, as the sensor triggering distance for determining the SAR measurement distance.

		Main ante	enna		
Band	Test position	Sensor Trigger Distance range (DUT to Phantom)	Power reduction amount(dB)	Max Power level(dBm)	Power level
	Bottom side	0≤distance≤9mm	2.5	22.5	Reduced Power Level D1
		9 <distance≤10mm< td=""><td>0</td><td>24.5</td><td>Full power</td></distance≤10mm<>	0	24.5	Full power
		10 <distance< td=""><td>0</td><td>24.5</td><td>Full power</td></distance<>	0	24.5	Full power
	Back side	0≤distance≤5mm	2.5	22.5	Reduced Power Level D1
		5 <distance≤8mm< td=""><td>0</td><td>24.5</td><td>Full power</td></distance≤8mm<>	0	24.5	Full power
UMTS Band II		distance >8mm	0	24.5	level D7
	Front side	0≤distance≤2mm	2.5	22.5	Reduced Power Level D1
		2 <distance≤5mm< td=""><td>0</td><td>24.5</td><td>Full power</td></distance≤5mm<>	0	24.5	Full power
		5 <distance< td=""><td>0</td><td>24.5</td><td>Full power</td></distance<>	0	24.5	Full power
	Left side	ALL	0	24.5	Full power
	Right side	ALL 0		24.5	Full power
	Top side	ALL	0	24.5	Full power
	Bottom side	0≤distance≤9mm	1.5	22.7	Reduced Power Level D1
		9 <distance≤10mm< td=""><td>0</td><td>24.2</td><td>Full power</td></distance≤10mm<>	0	24.2	Full power
		10 <distance< td=""><td>0</td><td>24.2</td><td>Full power</td></distance<>	0	24.2	Full power
	Back side	0≤distance≤5mm	1.5	22.7	Reduced Power Level D1
LTE Band 2		5 <distance≤8mm< td=""><td>0</td><td>24.2</td><td>Full power</td></distance≤8mm<>	0	24.2	Full power
		distance >8mm	0	24.2	Full power
	Front side	0≤distance≤2mm	2	22.7	Reduced Power Level D1
		2 <distance≤5mm< td=""><td>0</td><td>24.2</td><td>Full power</td></distance≤5mm<>	0	24.2	Full power
		5 <distance< td=""><td>0</td><td>24.2</td><td>Full power</td></distance<>	0	24.2	Full power
	Left side	ALL	0	24.2	Full power
	Right side	ALL	0	24.2	Full power

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	Top side	ALL	0	24.2	Full power
		0≤distance≤9mm	2	22.2	Reduced Power Level D1
	Bottom side	9 <distance≤10mm< td=""><td>0.5</td><td>23.7</td><td>Reduced Power Level D2</td></distance≤10mm<>	0.5	23.7	Reduced Power Level D2
		10 <distance< td=""><td>0</td><td>24.2</td><td>Full power</td></distance<>	0	24.2	Full power
		0≤distance≤5mm	2	22.2	Reduced Power Level D1
LTE Band 7	Back side	5 <distance≤8mm< td=""><td>0.5</td><td>23.7</td><td>Reduced Power Level D2</td></distance≤8mm<>	0.5	23.7	Reduced Power Level D2
		distance >8mm	0	24.2	Full power
	Front side	0 <distance≤2mm< td=""><td>2</td><td>22.2</td><td>Reduced Power Level D1</td></distance≤2mm<>	2	22.2	Reduced Power Level D1
		2 <distance≤5mm< td=""><td>0.5</td><td>23.7</td><td>Reduced Power Level D2</td></distance≤5mm<>	0.5	23.7	Reduced Power Level D2
		5 <distance< td=""><td>0</td><td>24.2</td><td>Full power</td></distance<>	0	24.2	Full power
	Left side	ALL	0	20.7	Full power
	Right side	ALL	0	20.7	Full power
	Top side	ALL	0	24.7	Full power

Note:

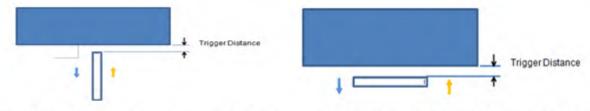
To ensure all production units are compliant, the smallest separation distance determined by the sensor triggering and sensor coverage for normal and tilt positions for all usage conditions and applicable sides, minus 1 mm, must be used as the test separation distance for additional SAR testing of each higher power stage.

For the other sides or other frequency bands of the device, SAR is still tested at the maximum full power level with sensor off.



1) Procedures for determining proximity sensor triggering distances

The device was tested by the test lab to determine the proximity sensor triggering distances for the front side, back side and bottom side of the device. To ensure all production units are compliant, the smallest separation distance determined by the sensor triggering minus 1 mm, must be used as the test separation distance for SAR testing.



the proximity sensor triggering distance measurement method are as below:

Picture: Proximity sensor triggering distances assessment Bottom Side

Picture: Proximity sensor triggering distances assessment Front Side and Back side

Table: Summary of Trigger Distances

		Trigger distan	ce-Front Side	Trigger distan	ce-Back Side	Trigger distance-Bottom Side		
Band	Reduced Power Level	Moving toward phantom	Moving away from phantom	Moving toward phantom	Moving away from phantom	Moving toward phantom	Moving away from phantom	
UMTS Band II	Reduced Power Level D1	2mm	2mm	5mm	5mm	9mm	9mm	
LTE Band 2	Reduced Power Level D1	2mm	2mm	5mm	5mm	9mm	9mm	
LTE Band 7	Reduced Power Level D1	2mm	2mm	5mm	5mm	9mm	9mm	
	Reduced Power Level D2	5mm	5mm	8mm	8mm	10mm	10mm	
UL CA_7C	Reduced Power Level D1	2mm	2mm	5mm	5mm	9mm	9mm	
	Reduced Power Level D2	5mm	5mm	8mm	8mm	10mm	10mm	

Note:

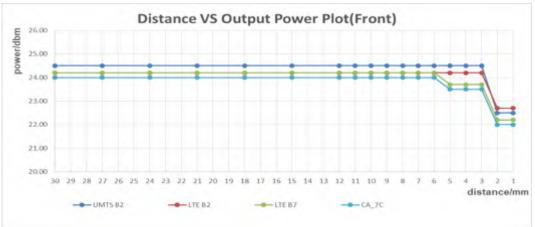
1) * The sensor Trigger Distance of Reduced Power Level D4 (hotspot on) and Reduced Power Level D1 (hotspot off) are the same.

2) * The sensor Trigger Distance of Reduced Power Level D5 (hotspot on) and Reduced Power Level D2 (hotspot off) are the same.

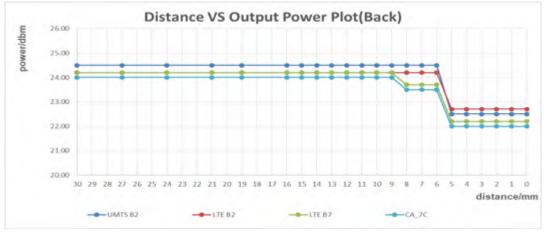


The detailed conducted power measurement data to determine the triggering distances is as below:

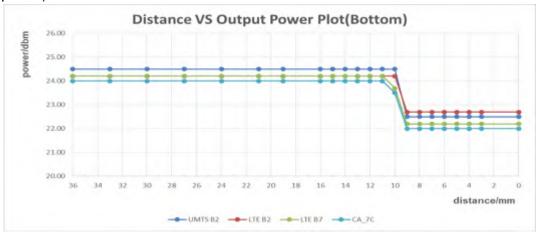
The DUT(Front side) is moved towards the flat phantom with/without Wireless Charging Cover(hotspot off):



The DUT(Back side) is moved towards the flat phantom with/without wireless Wireless Charging Cover (hotspot off):

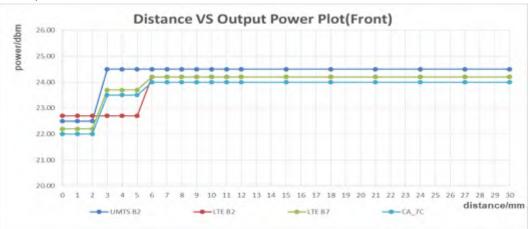


The DUT(Bottom side) is moved towards the flat phantom with/without wireless Wireless Charging Cover(hotspot off):

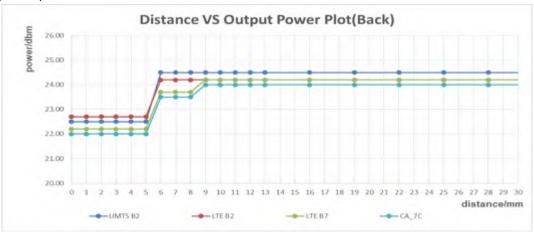




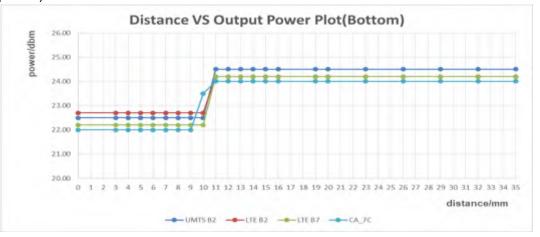
The DUT(Front side) is moved away from the flat phantom with/without wireless Wireless Charging Cover(hotspot off):



The DUT(Back side) is moved away from the flat phantom with/without wireless Wireless Charging Cover(hotspot off):

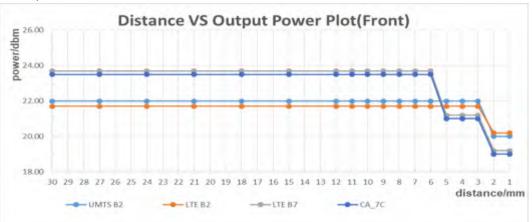


The DUT(Bottom side) is moved away from the flat phantom with/without wireless Wireless Charging Cover(hotspot off):

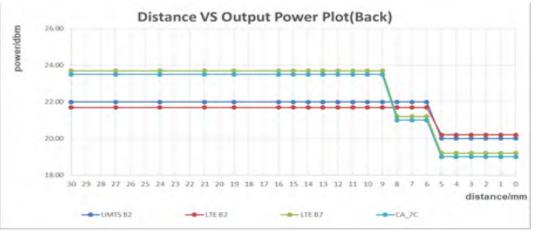




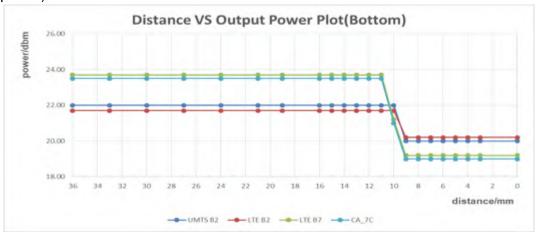
The DUT(Front side) is moved towards the flat phantom with/without wireless Wireless Charging Cover(hotspot on):



The DUT(Back side) is moved towards the flat phantom with/without wireless Wireless Charging Cover(hotspot on):

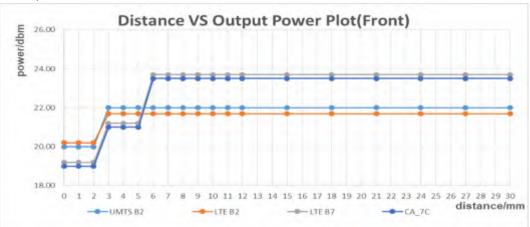


The DUT(Bottom side) is moved towards the flat phantom with/without wireless Wireless Charging Cover(hotspot on):

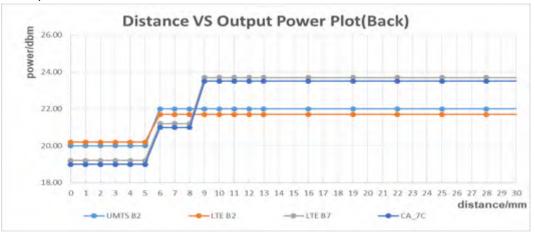




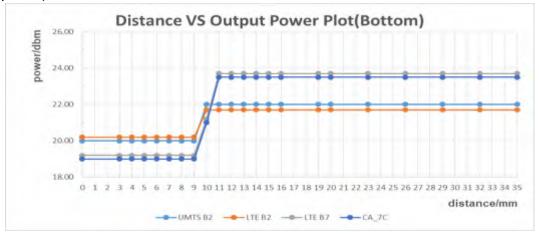
The DUT(Front side) is moved away from the flat phantom with/without wireless Wireless Charging Cover(hotspot on):



The DUT(Back side) is moved away from the flat phantom with/without wireless Wireless Charging Cover(hotspot on):



The DUT(Bottom side) is moved away from the flat phantom with/without wireless Wireless Charging Cover(hotspot on):



Conclusion: It can be ensured that the proximity sensor can be valid triggered for the body exposure condition. (UMTS Band II,LTE Band 2/7, UL CA_7C with Main Antenna)



2) Procedures for determining antenna and proximity sensor coverage

According to the antenna and sensors location figure: Proximity sensor is a floating metal sheet, which cannot fully overwrite the 2G/3G/4G main antenna. So the proximity sensor coverage need to be assessed for the frequency bands and test positions supporting proximity sensor power reduction per KDB 616217:

a) All the sides/edges (bottom side, front side and back side of the device) is positioned at a test separation distance less than or equal to the distance required for sensor triggering, with both the antenna and sensor pad located at least 20 mm laterally outside the edge (boundary) of the phantom, along the direction of maximum antenna and sensor offset.

Each applicable edge should be positioned perpendicularly to the phantom to determine sensor coverage. For antennas and/or sensors located near the corner of a tablet, both adjacent edges must be considered.

b) The similar sequence of steps applied to determine sensor triggering distance are used to verify the sensor coverage by moving the DUT(sensor and antenna) horizontally toward the phantom while maintaining the same vertical separation between the side or edge and the phantom.

c) After the exact location where triggering of power reduction is determined, with respect to the sensor and antenna, the DUT movement should be continued, in 3 mm increments, until both the sensor and antenna(s) are fully under the phantom and at least 20 mm inside the phantom edge.

d) The process is then repeated from the opposite direction, starting at the other end of the maximum antenna and sensor offset, by rotating the DUT 180° along the vertical axis.

e) The triggering points should be documented graphically, with the antenna and sensor clearly identified, along with all relevant dimensions.

f) If the subsequently measured peak SAR location for the antenna is not between the triggering points, established by the sensor coverage tests from opposite ends of the antenna and sensor, additional SAR tests may be required for conditions where only part of the surface or edge of the DUT corresponding to the antenna is in proximity to the user and the sensor may not be triggering as desired. The proximity sensor coverage measurement method are as below:

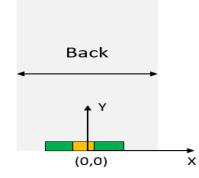


Figure: Plane coordinate system definition on the DUT



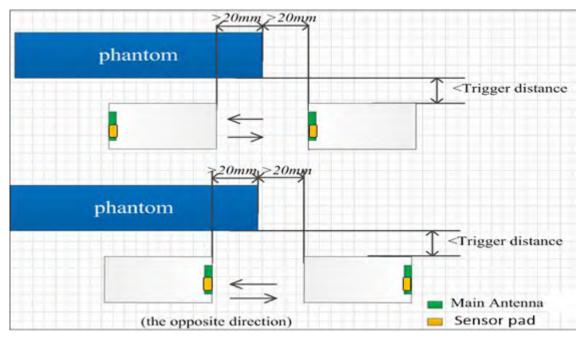


Figure: proximity sensor coverage assesment (Y coordinate direction)

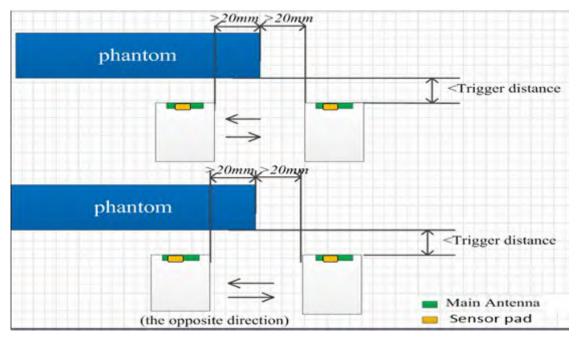
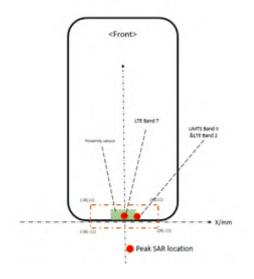


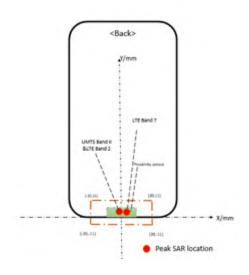
Figure: proximity sensor coverage assesment (X coordinate direction)



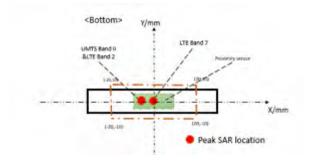
sensor coverage assesment results(Front side):



sensor coverage assesment results(Back side):



sensor coverage assesment results(Bottom side):



Conclusion: As the subsequently measured peak SAR location for the antenna is between the triggering points, additional SAR tests are not required for proximity sensor coverage per KDB 616217.



3) Procedures for determining device tilt angle influences to proximity sensor triggering

The DUT was positioned directly below the flat phantom with/without wireless Wireless Charging Cover at the minimum measured trigger distance with Bottom side parallel to the base of the flat phantom with/without wireless Wireless Charging Cover for each band.

The DUT was rotated about Bottom side for angles up to \pm 45°. If the output power increased during the rotation the DUT was moved 1mm toward the phantom and the rotation repeated. This procedure was repeated until the power remained reduced for all angles up to \pm 45°.

The proximity sensor triggering tilt angle measurement method are as below:

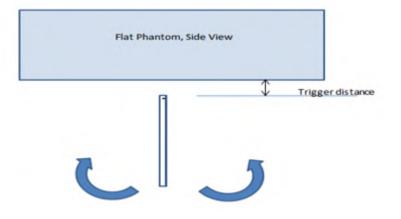


Table: Summary of Device Tilt Angle Influence to Proximity Sensor Triggering(Bottom side)

	Minimum	Power Reduction Status										
Band(MHz)	trigger distance at which power reduction was maintained over ±45°	-45°	-35°	-25°	-15°	-5°	0°	5°	15°	25°	35°	45°
UMTS Band II	9mm	on	on	on	on	on	on	on	on	on	on	on
LTE Band 2	9mm	on	on	on	on	on	on	on	on	on	on	on
LTE Band 7	9mm/10mm	on	on	on	on	on	on	on	on	on	on	on
UL CA_7C	9mm/10mm	on	on	on	on	on	on	on	on	on	on	on

Conclusion: It can be ensured that the proximity sensor can be valid triggered for the DUT tilt coverage exposure condition.



6.10 BT Test Configuration

BT specific wireless modes and SAR test:

The device is a mobile phone. It supports a BT high power feature in specific wireless modes and operating configurations. The maximum power of BT is different on different scenarios. The BT of this device has two different operating modes:

1) Low power level mode (power level B, maximum duty cycle 100%) as default mode;

2) High power level mode (power level A, maximum duty cycle 100%) in specific wireless modes and operating configurations when the mobile phone is connected to an external audio device; Note: For this device, power level B is \leq power level A.

Based on the BT high power mode detection technique description above, the different exposure conditions related to BT high power mode(Power level A) are listed as below table:

Operating		Maximum	Exposure condition Required for SAR testing				
Operating modes	modes Max power level duty cycle		Head (Audio Receiver on)	Body			
Low power level mode	power level B	100%	Yes (See Below Note 1)	Yes (See Below Note 1)			
High power level mode	power level A	100%	N/A (See Below Note 2)	Yes			

Note 1: The BT SAR results at low power level B is still required because the simultaneous transmission possibilities for BT at lower power level B and high power level A are different. The BT SAR results at low power level B should be used to evaluation the simultaneous transmission SAR conditions not supported by BT higher power level A.

Note 2: High power level mode (power level A, maximum duty cycle 100%) is not applicable for Head exposure condition(Audio Receiver on) by design.

Note 3: Both the power level A and B results will be tested and provided in the SAR report to validate the power reduction function works.

During the BT test, a test software tool (an APK) installed on the DUT is required to configure the DUT to transmit continuously at the high power level A.The APK function is only used to trigger mobile phone always transmitting power. It can be ensured that the unmodified settings in production units, including maximum output power, amplifier gain and other RF performance or tuning parameters, are used for SAR measurement.



7 SAR Measurement Results

7.1 Conducted power measurements

For the measurements, Radio Communication Tester was used.

SAR drift measured at the same position in liquid before and after each SAR test as below the following chapter.

Note: The Radio Communication Tester measures GSM peak and average output power for active timeslots. For SAR the timebased 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
timebased 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.



		Burst-Ave	raged out	tput Pow	er (dBm)	Division	Frame-Ave	eraged ou	utput Pow	er (dBm)
GS	M850	Tune-up Max.	128CH	190CH	251CH	Division Factors	Tune-up Max.	128CH	190CH	251CH
GSN	/I (CS)	33.00	31.83	32.06	31.95	-9.19	23.81	22.64	22.87	22.76
	1 Tx Slot	33.00	31.88	32.06	31.96	-9.19	23.81	22.69	22.87	22.77
GPRS	2 Tx Slots	31.00	29.46	29.71	29.57	-6.13	24.87	23.33	23.58	23.44
(GMSK)	3 Tx Slots	29.00	27.34	27.44	27.29	-4.42	24.58	22.92	23.02	22.87
	4 Tx Slots	27.00	25.07	25.27	25.13	-3.18	23.82	21.89	22.09	21.95
	1 Tx Slot	33.00	31.84	32.09	31.91	-9.19	23.81	22.65	22.90	22.72
EDGE	2 Tx Slots	31.00	29.52	29.67	29.52	-6.13	24.87	23.39	23.54	23.39
(GMSK)	3 Tx Slots	29.00	27.32	27.49	27.33	-4.42	24.58	22.90	23.07	22.91
	4 Tx Slots	27.00	25.17	25.27	25.13	-3.18	23.82	21.99	22.09	21.95
	1 Tx Slot	26.50	25.48	25.38	25.23	-9.19	17.31	16.29	16.19	16.04
EDGE	2 Tx Slots	25.50	23.88	23.83	23.64	-6.13	19.37	17.75	17.70	17.51
(8PSK)	3 Tx Slots	23.50	21.79	21.85	21.64	-4.42	19.08	17.37	17.43	17.22
	4 Tx Slots	22.50	20.62	20.58	20.47	-3.18	19.32	17.44	17.40	17.29

7.1.1 Conducted power measurements of GSM850(Second antenna)

Table 13: Test results conducted power measurement of GSM850 (Full Power)

		Burst-Ave	raged ou	tput Powe	er (dBm)	Division	Frame-Ave	eraged ou	utput Pow	er (dBm)
GS	M850	Tune-up Max.	128CH	190CH	251CH	Factors	Tune-up Max.	128CH	190CH	251CH
GSN	Л (CS)	29.50	28.14	28.21	28.16	-9.19	20.31	18.95	19.02	18.97
	1 Tx Slot	29.50	28.11	28.31	28.08	-9.19	20.31	18.92	19.12	18.89
GPRS	2 Tx Slots	27.50	25.91	26.12	25.96	-6.13	21.37	19.78	19.99	19.83
(GMSK)	3 Tx Slots	25.50	23.71	23.89	23.73	-4.42	21.08	19.29	19.47	19.31
	4 Tx Slots	23.50	21.36	21.61	21.53	-3.18	20.32	18.18	18.43	18.35
	1 Tx Slot	29.50	28.23	28.22	28.13	-9.19	20.31	19.04	19.03	18.94
EDGE	2 Tx Slots	27.50	25.95	26.06	26.03	-6.13	21.37	19.82	19.93	19.90
(GMSK)	3 Tx Slots	25.50	23.68	23.83	23.66	-4.42	21.08	19.26	19.41	19.24
	4 Tx Slots	23.50	21.33	21.60	21.55	-3.18	20.32	18.15	18.42	18.37
	1 Tx Slot	23.00	21.77	21.63	21.49	-9.19	13.81	12.58	12.44	12.30
EDGE	2 Tx Slots	22.00	20.55	20.48	20.29	-6.13	15.87	14.42	14.35	14.16
(8PSK)	3 Tx Slots	20.00	18.23	18.25	18.06	-4.42	15.58	13.81	13.83	13.64
	4 Tx Slots	19.00	16.70	16.74	16.52	-3.18	15.82	13.52	13.56	13.34

Table 14: Test results conducted power measurement of GSM850 (Reduced Power Level D1)



		Burst-Ave	raged out	tput Powe	er (dBm)	Division	Frame-Ave	eraged ou	utput Pow	er (dBm)
GS	M850	Tune-up Max.	128CH	190CH	251CH	Division Factors	Tune-up Max.	128CH	190CH	251CH
GSN	/I (CS)	30.00	28.70	28.77	28.61	-9.19	20.81	19.51	19.58	19.42
	1 Tx Slot	30.00	28.66	28.77	28.62	-9.19	20.81	19.47	19.58	19.43
GPRS	2 Tx Slots	28.00	26.54	26.62	26.45	-6.13	21.87	20.41	20.49	20.32
(GMSK)	3 Tx Slots	26.00	24.26	24.44	24.27	-4.42	21.58	19.84	20.02	19.85
	4 Tx Slots	24.00	21.89	22.02	21.95	-3.18	20.82	18.71	18.84	18.77
	1 Tx Slot	30.00	28.67	28.78	28.63	-9.19	20.81	19.48	19.59	19.44
EDGE	2 Tx Slots	28.00	26.47	26.65	26.51	-6.13	21.87	20.34	20.52	20.38
(GMSK)	3 Tx Slots	26.00	24.34	24.40	24.25	-4.42	21.58	19.92	19.98	19.83
	4 Tx Slots	24.00	21.86	22.13	22.05	-3.18	20.82	18.68	18.95	18.87
	1 Tx Slot	23.50	22.20	23.34	23.12	-9.19	14.31	13.01	14.15	13.93
EDGE	2 Tx Slots	22.50	21.02	20.97	20.64	-6.13	16.37	14.89	14.84	14.51
(8PSK)	3 Tx Slots	20.50	18.87	18.76	18.63	-4.42	16.08	14.45	14.34	14.21
	4 Tx Slots	19.50	17.56	17.62	17.42	-3.18	16.32	14.38	14.44	14.24

Table 15: Test results conducted power measurement of GSM850 (Reduced Power Level D2)

		Burst-Ave	raged ou	tput Powe	er (dBm)	Division	Frame-Ave	eraged ou	utput Pow	er (dBm)
GSM850		Tune-up Max.	128CH	190CH	251CH	Division Factors	Tune-up Max.	128CH	190CH	251CH
GSM (CS)		26.50	25.10	25.27	25.09	-9.19	17.31	15.91	16.08	15.90
	1 Tx Slot	26.50	25.15	25.26	25.09	-9.19	17.31	15.96	16.07	15.90
GPRS	2 Tx Slots	24.50	22.96	23.13	22.94	-6.13	18.37	16.83	17.00	16.81
(GMSK)	3 Tx Slots	22.50	20.51	20.78	20.70	-4.42	18.08	16.09	16.36	16.28
	4 Tx Slots	20.50	18.27	18.55	18.46	-3.18	17.32	15.09	15.37	15.28
	1 Tx Slot	26.50	25.21	25.26	25.02	-9.19	17.31	16.02	16.07	15.83
EDGE	2 Tx Slots	24.50	22.99	23.07	22.90	-6.13	18.37	16.86	16.94	16.77
(GMSK)	3 Tx Slots	22.50	20.60	20.75	20.65	-4.42	18.08	16.18	16.33	16.23
	4 Tx Slots	20.50	18.36	18.54	18.46	-3.18	17.32	15.18	15.36	15.28
	1 Tx Slot	20.00	18.77	18.60	18.45	-9.19	10.81	9.58	9.41	9.26
EDGE	2 Tx Slots	19.00	17.07	17.02	16.85	-6.13	12.87	10.94	10.89	10.72
-	3 Tx Slots	17.00	15.05	14.99	14.81	-4.42	12.58	10.63	10.57	10.39
	4 Tx Slots	16.00	13.93	13.94	13.76	-3.18	12.82	10.75	10.76	10.58

Table 16: Test results conducted power measurement of GSM850 (Reduced Power Level D3) Note:

1) The Conducted power measurements of GSM850 is measured with RMS detector.

2) Frame-averaged output power was calculated from the measured burst-averaged output power by converting the slot powers into linear units and calculating the energy over 8 timeslots.

3) The bolded GPRS 2 Tx Slots mode was selected for SAR testing according to the highest frameaveraged output power.



		Burst-Ave	raged ou	tput Powe	er (dBm)	Division	Frame-Ave	eraged ou	utput Pow	er (dBm)
GS	M850	Tune-up Max.	128CH	190CH	251CH	Factors	Tune-up Max.	128CH	190CH	251CH
GSM (CS)		33.50	32.24	32.61	32.78	-9.19	24.31	23.05	23.42	23.59
	1 Tx Slot	33.50	32.26	32.54	32.82	-9.19	24.31	23.07	23.35	23.63
GPRS	2 Tx Slots	31.50	29.89	30.20	30.34	-6.13	25.37	23.76	24.07	24.21
(GMSK)	3 Tx Slots	29.50	27.62	27.89	28.09	-4.42	25.08	23.20	23.47	23.67
	4 Tx Slots	27.50	25.32	25.75	25.82	-3.18	24.32	22.14	22.57	22.64
	1 Tx Slot	33.50	32.33	32.63	32.80	-9.19	24.31	23.14	23.44	23.61
EDGE	2 Tx Slots	31.50	29.88	30.19	30.33	-6.13	25.37	23.75	24.06	24.20
(GMSK)	3 Tx Slots	29.50	27.64	27.91	28.01	-4.42	25.08	23.22	23.49	23.59
	4 Tx Slots	27.50	25.34	25.71	25.82	-3.18	24.32	22.16	22.53	22.64
	1 Tx Slot	27.00	25.82	25.91	25.97	-9.19	17.81	16.63	16.72	16.78
EDGE	2 Tx Slots	26.00	24.09	24.32	24.35	-6.13	19.87	17.96	18.19	18.22
(8PSK)	3 Tx Slots	24.00	22.07	22.20	22.21	-4.42	19.58	17.65	17.78	17.79
	4 Tx Slots	23.00	20.81	21.01	21.03	-3.18	19.82	17.63	17.83	17.85

7.1.2 Conducted power measurements of GSM850(Main antenna)

Table 17: Test results conducted power measurement of GSM850 Note:

1) The Conducted power measurements of GSM850 is measured with RMS detector.

2) Frame-averaged output power was calculated from the measured burst-averaged output power by converting the slot powers into linear units and calculating the energy over 8 timeslots.

3) The bolded GPRS 2 Tx Slots mode was selected for SAR testing according to the highest frameaveraged output power.

		Burst-Ave	raged ou	tput Powe	er (dBm)	Division	Frame-Averaged out			er (dBm)
GSM1900		Tune-up Max.	512CH	661CH	810CH	Division Factors	Tune-up Max.	512CH	661CH	810CH
GSN	A (CS)	29.50	29.11	29.12	29.24	-9.19	20.31	19.92	19.93	20.05
	1 Tx Slot	29.50	29.07	29.11	29.25	-9.19	20.31	19.88	19.92	20.06
GPRS	2 Tx Slots	27.50	26.56	26.75	26.98	-6.13	21.37	20.43	20.62	20.85
(GMSK)	3 Tx Slots	25.50	24.44	24.51	24.72	-4.42	21.08	20.02	20.09	20.30
	4 Tx Slots	23.50	22.33	22.49	22.70	-3.18	20.32	19.15	19.31	19.52
	1 Tx Slot	29.50	29.03	29.19	29.24	-9.19	20.31	19.84	20.00	20.05
-	2 Tx Slots		26.55	26.73	26.97	-6.13	21.37	20.42	20.60	20.84
(GMSK)	3 Tx Slots	25.50	24.42	24.50	24.72	-4.42	21.08	20.00	20.08	20.30
	4 Tx Slots	23.50	22.32	22.49	22.68	-3.18	20.32	19.14	19.31	19.50
	1 Tx Slot	25.00	23.95	24.08	24.46	-9.19	15.81	14.76	14.89	15.27
EDGE	2 Tx Slots	24.00	22.69	22.88	23.22	-6.13	17.87	16.56	16.75	17.09
	3 Tx Slots	22.00	20.65	20.81	21.16	-4.42	17.58	16.23	16.39	16.74
	4 Tx Slots	21.00	19.56	19.71	20.04	-3.18	17.82	16.38	16.53	16.86

7.1.3 Conducted power measurements of GSM1900(Second antenna)

Table 18: Test results conducted power measurement of GSM1900 (Full Power)



		Burst-Ave	raged ou	tput Powe	er (dBm)	Division	Frame-Ave	eraged ou	utput Pow	er (dBm)
GSN	GSM1900		512CH	661CH	810CH	Factors	Tune-up Max.	512CH	661CH	810CH
GSN	Л (CS)	26.50	25.52	25.67	25.89	-9.19	17.31	16.33	16.48	16.70
	1 Tx Slot	26.50	25.56	25.65	25.89	-9.19	17.31	16.37	16.46	16.70
GPRS	2 Tx Slots	24.50	23.47	23.52	23.73	-6.13	18.37	17.34	17.39	17.60
(GMSK)	3 Tx Slots	22.50	21.38	21.51	21.73	-4.42	18.08	16.96	17.09	17.31
	4 Tx Slots	20.50	19.33	19.58	19.92	-3.18	17.32	16.15	16.40	16.74
	1 Tx Slot	26.50	25.62	25.75	25.90	-9.19	17.31	16.43	16.56	16.71
EDGE	2 Tx Slots	24.50	23.45	23.50	23.82	-6.13	18.37	17.32	17.37	17.69
(GMSK)	3 Tx Slots	22.50	21.35	21.51	21.72	-4.42	18.08	16.93	17.09	17.30
	4 Tx Slots	20.50	19.33	19.60	19.91	-3.18	17.32	16.15	16.42	16.73
	1 Tx Slot	22.00	20.84	20.96	21.23	-9.19	12.81	11.65	11.77	12.04
(8PSK)	2 Tx Slots	21.00	19.68	19.86	20.19	-6.13	14.87	13.55	13.73	14.06
	3 Tx Slots	19.00	17.67	17.83	18.15	-4.42	14.58	13.25	13.41	13.73
	4 Tx Slots	18.00	16.47	16.65	17.06	-3.18	14.82	13.29	13.47	13.88

Table 19: Test results conducted power measurement of GSM1900 (Reduced Power Level D1)

		Burst-Ave	raged ou	tput Powe	er (dBm)	Division	Frame-Ave	eraged ou	utput Pow	er (dBm)
GSN	M1900	Tune-up Max.	512CH	661CH	810CH	Factors	Tune-up Max.	512CH	661CH	810CH
GSM (CS)		25.00	24.01	24.17	24.37	-9.19	15.81	14.82	14.98	15.18
	1 Tx Slot	25.00	23.97	24.16	24.28	-9.19	15.81	14.78	14.97	15.09
GPRS	2 Tx Slots	23.00	21.97	22.04	22.25	-6.13	16.87	15.84	15.91	16.12
(GMSK)	3 Tx Slots	21.00	19.86	20.00	20.21	-4.42	16.58	15.44	15.58	15.79
	4 Tx Slots	19.00	17.93	18.19	18.39	-3.18	15.82	14.75	15.01	15.21
	1 Tx Slot	25.00	24.06	24.15	24.38	-9.19	15.81	14.87	14.96	15.19
EDGE	2 Tx Slots	23.00	21.94	22.02	22.23	-6.13	16.87	15.81	15.89	16.10
(GMSK)	3 Tx Slots	21.00	19.85	19.99	20.20	-4.42	16.58	15.43	15.57	15.78
	4 Tx Slots	19.00	17.91	18.18	18.39	-3.18	15.82	14.73	15.00	15.21
	1 Tx Slot	20.50	19.34	19.45	19.18	-9.19	11.31	10.15	10.26	9.99
EDGE	2 Tx Slots	19.50	19.27	18.45	19.43	-6.13	13.37	13.14	12.32	13.30
	3 Tx Slots	17.50	17.18	17.34	17.46	-4.42	13.08	12.76	12.92	13.04
	4 Tx Slots	16.50	15.09	15.97	15.57	-3.18	13.32	11.91	12.79	12.39

Table 20: Test results conducted power measurement of GSM1900 (Reduced Power Level D2)



		Burst-Ave	raged ou	tput Powe	er (dBm)	Division	Frame-Ave	eraged ou	utput Pow	er (dBm)
GSM1900		Tune-up Max.	512CH	661CH	810CH	Division Factors	Tune-up Max.	512CH	661CH	810CH
GSN	Л (CS)	22.00	20.97	20.99	21.19	-9.19	12.81	11.78	11.80	12.00
	1 Tx Slot	22.00	20.91	20.98	21.19	-9.19	12.81	11.72	11.79	12.00
GPRS	2 Tx Slots	20.00	18.99	19.23	19.43	-6.13	13.87	12.86	13.10	13.30
(GMSK)	3 Tx Slots	18.00	16.91	17.16	17.46	-4.42	13.58	12.49	12.74	13.04
	4 Tx Slots	16.00	14.81	15.05	15.34	-3.18	12.82	11.63	11.87	12.16
	1 Tx Slot	22.00	20.97	21.07	21.19	-9.19	12.81	11.78	11.88	12.00
EDGE	2 Tx Slots	20.00	18.97	19.20	19.43	-6.13	13.87	12.84	13.07	13.30
(GMSK)	3 Tx Slots	18.00	16.88	17.15	17.45	-4.42	13.58	12.46	12.73	13.03
	4 Tx Slots	16.00	14.80	15.04	15.31	-3.18	12.82	11.62	11.86	12.13
	1 Tx Slot	17.50	16.38	16.49	16.85	-9.19	8.31	7.19	7.30	7.66
EDGE	2 Tx Slots	16.50	15.30	16.50	15.80	-6.13	10.37	9.17	10.37	9.67
-	3 Tx Slots	14.50	13.16	13.41	13.74	-4.42	10.08	8.74	8.99	9.32
	4 Tx Slots	13.50	12.06	12.66	12.65	-3.18	10.32	8.88	9.48	9.47

Table 21: Test results conducted power measurement of GSM1900 (Reduced Power Level D3) Note:

1) The Conducted power measurements of GSM1900 is measured with RMS detector.

2) Frame-averaged output power was calculated from the measured burst-averaged output power by converting the slot powers into linear units and calculating the energy over 8 timeslots.

3) The bolded GPRS 2 Tx Slots mode was selected for SAR testing according to the highest frameaveraged output power.

		Burst-Ave	raged ou	tput Powe	er (dBm)	Division	Frame-Ave	eraged ou	utput Pow	er (dBm)
		Tune-up Max.	512CH	661CH	810CH	Division Factors	Tune-up Max.	512CH	661CH	810CH
GSN	A (CS)	30.50	30.49	30.46	30.42	-9.19	21.31	21.30	21.27	21.23
	1 Tx Slot	30.50	30.49	30.44	30.38	-9.19	21.31	21.30	21.25	21.19
GPRS	2 Tx Slots	28.50	27.87	28.00	28.15	-6.13	22.37	21.74	21.87	22.02
(GMSK)	3 Tx Slots	26.50	25.60	25.76	25.88	-4.42	22.08	21.18	21.34	21.46
	4 Tx Slots	24.50	23.65	23.71	23.77	-3.18	21.32	20.47	20.53	20.59
	1 Tx Slot	30.50	30.48	30.44	30.39	-9.19	21.31	21.29	21.25	21.20
EDGE	2 Tx Slots	28.50	27.84	28.02	28.02	-6.13	22.37	21.71	21.89	21.89
(GMSK)	3 Tx Slots	26.50	25.59	25.77	25.84	-4.42	22.08	21.17	21.35	21.42
	4 Tx Slots	24.50	23.55	23.70	23.75	-3.18	21.32	20.37	20.52	20.57
	1 Tx Slot	26.00	25.03	25.28	25.42	-9.19	16.81	15.84	16.09	16.23
EDGE	2 Tx Slots	25.00	23.83	24.03	24.31	-6.13	18.87	17.70	17.90	18.18
-	3 Tx Slots	23.00	21.70	21.91	22.12	-4.42	18.58	17.28	17.49	17.70
	4 Tx Slots	22.00	20.67	20.86	20.95	-3.18	18.82	17.49	17.68	17.77

7.1.4 Conducted power measurements of GSM1900(Main antenna)

Table 22: Test results conducted power measurement of GSM1900 (Full Power)



		Burst-Ave	raged ou	tput Powe	er (dBm)	Division	Frame-Ave	eraged ou	utput Pow	er (dBm)
GSN	<i>A</i> 1900	Tune-up Max.	512CH	661CH	810CH	Division Factors	Tune-up Max.	512CH	661CH	810CH
GSN	Л (CS)	30.00	29.78	29.99	29.92	-9.19	20.81	20.59	20.80	20.73
	1 Tx Slot	30.00	29.80	29.90	29.92	-9.19	20.81	20.61	20.71	20.73
GPRS	2 Tx Slots	28.00	27.66	27.83	27.87	-6.13	21.87	21.53	21.70	21.74
(GMSK)	3 Tx Slots	26.00	25.44	25.72	25.75	-4.42	21.58	21.02	21.30	21.33
	4 Tx Slots	24.00	23.35	23.61	23.65	-3.18	20.82	20.17	20.43	20.47
	1 Tx Slot	30.00	29.87	29.97	29.88	-9.19	20.81	20.68	20.78	20.69
EDGE	2 Tx Slots	28.00	27.63	27.91	27.96	-6.13	21.87	21.50	21.78	21.83
(GMSK)	3 Tx Slots	26.00	25.43	25.69	25.73	-4.42	21.58	21.01	21.27	21.31
	4 Tx Slots	24.00	23.34	23.61	23.63	-3.18	20.82	20.16	20.43	20.45
	1 Tx Slot	25.50	24.94	25.28	25.39	-9.19	16.31	15.75	16.09	16.20
EDGE	2 Tx Slots	24.50	23.72	24.02	24.10	-6.13	18.37	17.59	17.89	17.97
(8PSK)	3 Tx Slots	22.50	21.61	21.89	22.05	-4.42	18.08	17.19	17.47	17.63
	4 Tx Slots	21.50	20.54	20.82	20.98	-3.18	18.32	17.36	17.64	17.80

Table 23: Test results conducted power measurement of GSM1900 (Reduced Power Level D3/D4/D5/D6)

Note:

1) The Conducted power measurements of GSM1900 is measured with RMS detector.

2) Frame-averaged output power was calculated from the measured burst-averaged output power by converting the slot powers into linear units and calculating the energy over 8 timeslots.

3) The bolded GPRS 2 Tx Slots mode was selected for SAR testing according to the highest frameaveraged output power.

	S Band II	Tune-up	Ave	rage Power (d	Bm)
UIVIT	S Danu II	Max.	9262CH	9400CH	9538CH
WCDMA	12.2kbps RMC	21.00	20.08	20.12	19.98
WODIVIA	12.2kbps AMR	21.00	20.19	20.10	20.00
	Subtest 1	21.00	19.55	19.60	19.49
HSDPA	Subtest 2	21.00	18.91	18.82	18.68
HODEA	Subtest 3	20.50	18.76	18.72	18.56
	Subtest 4	20.50	18.77	18.70	18.57
	Subtest 1	20.50	18.12	17.86	18.20
	Subtest 2	18.50	16.08	15.84	15.46
HSUPA	Subtest 3	19.50	16.71	16.34	16.23
	Subtest 4	19.00	15.88	15.88	15.76
	Subtest 5	20.00	18.09	18.13	18.02
	Subtest 1	21.00	19.56	19.61	19.48
	Subtest 2	21.00	18.89	18.82	18.71
DC-HSDPA	Subtest 3	20.50	18.77	18.70	18.58
	Subtest 4	20.50	18.75	18.73	18.59

7.1.5 Conducted power measurements of UMTS Band II(Second antenna)

Table 24: Test results conducted power measurement of UMTS Band II (Full Power)



	S Band II	Tune-up	Ave	rage Power (d	Bm)
UNIT	S Ballu II	Max.	9262CH	9400CH	9538CH
WCDMA	12.2kbps RMC	16.00	15.11	15.08	14.99
VVCDIVIA	12.2kbps AMR	16.00	15.21	15.09	14.98
	Subtest 1	16.00	15.15	14.61	14.39
HSDPA	Subtest 2	16.00	14.42	13.94	13.91
HOUFA	Subtest 3	15.50	14.23	13.65	13.47
	Subtest 4	15.50	14.26	13.68	13.48
	Subtest 1	15.50	13.26	13.05	12.74
	Subtest 2	13.50	11.40	10.32	10.02
HSUPA	Subtest 3	14.50	12.01	11.68	11.61
	Subtest 4	14.00	11.17	10.30	10.10
	Subtest 5	15.00	13.94	13.25	13.13
	Subtest 1	16.00	15.24	14.61	14.38
	Subtest 2	16.00	14.38	13.91	13.90
DC-HSDPA	Subtest 3	15.50	14.22	13.65	13.56
	Subtest 4	15.50	14.24	13.69	13.59

Table 25: Test results conducted power measurement of UMTS Band II (Reduced Power Level D1)

	S Band II	Tune-up	Ave	rage Power (d	Bm)
UIVIT	S Banu II	Max.	9262CH	9400CH	9538CH
WCDMA	12.2kbps RMC	17.00	16.23	16.13	16.00
W CDIVIA	12.2kbps AMR	17.00	16.21	16.14	15.97
	Subtest 1	17.00	15.70	15.61	15.51
HSDPA	Subtest 2	17.00	14.89	14.80	14.71
HODPA	Subtest 3	16.50	14.80	14.71	14.59
	Subtest 4	16.50	14.78	14.74	14.57
	Subtest 1	16.50	14.15	13.72	13.81
	Subtest 2	14.50	12.26	11.09	10.98
HSUPA	Subtest 3	15.50	13.00	12.68	12.38
	Subtest 4	15.00	12.03	11.18	11.10
	Subtest 5	16.00	14.78	14.24	14.22
	Subtest 1	17.00	15.66	15.62	15.52
	Subtest 2	17.00	14.88	14.82	14.69
DC-HSDPA	Subtest 3	16.50	14.81	14.74	14.60
	Subtest 4	16.50	14.81	14.71	14.58

Table 26: Test results conducted power measurement of UMTS Band II (Reduced Power Level D2)



	S Band II	Tune-up	Ave	rage Power (d	Bm)
UIVIT	S Ballu II	Max.	9262CH	9400CH	9538CH
WCDMA	12.2kbps RMC	12.00	12.00	11.42	11.40
VVCDIVIA	12.2kbps AMR	12.00	11.93	11.50	11.59
	Subtest 1	12.00	11.40	10.84	10.82
HSDPA	Subtest 2	12.00	10.70	10.16	10.16
ISDFA	Subtest 3	11.50	10.40	9.88	9.90
	Subtest 4	11.50	10.54	9.91	9.90
	Subtest 1	11.50	11.27	10.11	10.85
	Subtest 2	9.50	7.61	6.51	6.30
HSUPA	Subtest 3	10.50	8.31	8.02	7.93
	Subtest 4	10.00	7.37	6.58	6.47
	Subtest 5	11.00	10.93	10.83	10.91
	Subtest 1	12.00	11.39	10.84	10.82
	Subtest 2	12.00	10.68	10.13	10.15
DC-HSDPA	Subtest 3	11.50	10.50	9.88	9.98
	Subtest 4	11.50	10.51	9.92	10.02

Table 27: Test results conducted power measurement of UMTS Band II (Reduced Power Level D3) 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.

7.1.6	Conducted power measurements of UMTS	Band II(Main antenna)

		Tune-up	Average Power (dBm)		
UIVIT	UMTS Band II		9262CH	9400CH	9538CH
WCDMA	12.2kbps RMC	24.50	23.48	23.38	23.21
VVCDIVIA	12.2kbps AMR	24.50	23.47	23.33	23.25
	Subtest 1	24.50	22.98	22.86	22.74
HSDPA	Subtest 2	24.50	22.16	22.04	21.91
HSDPA	Subtest 3	24.00	21.68	21.57	21.39
	Subtest 4	24.00	21.66	21.56	21.38
HSUPA	Subtest 1	24.00	21.75	21.55	21.32
	Subtest 2	22.00	18.96	18.88	18.26
	Subtest 3	23.00	19.71	19.63	20.15
	Subtest 4	22.50	19.21	19.04	19.30
	Subtest 5	23.50	21.46	21.31	21.20
	Subtest 1	24.50	23.05	22.96	22.81
DC-HSDPA	Subtest 2	24.50	22.32	22.25	22.13
DC-HODFA	Subtest 3	24.00	21.58	21.69	21.74
	Subtest 4	24.00	21.71	21.55	21.69

Table 28: Test results conducted power measurement of UMTS Band II (Full Power)



UMTS Band II		Tune-up	Average Power (dBm)		
UIVIT	S Dallu II	Max.	9262CH	9400CH	9538CH
WCDMA	12.2kbps RMC	22.50	21.68	21.58	21.49
VVCDIVIA	12.2kbps AMR	22.50	21.79	21.61	21.49
	Subtest 1	22.50	21.16	21.10	21.00
HSDPA	Subtest 2	22.50	20.39	20.29	20.19
HSDFA	Subtest 3	22.00	20.30	20.18	20.07
	Subtest 4	22.00	20.37	20.20	20.06
HSUPA	Subtest 1	22.00	20.22	19.41	19.35
	Subtest 2	20.00	17.35	17.20	17.17
	Subtest 3	21.00	17.95	17.90	18.07
	Subtest 4	20.50	17.27	17.43	17.39
	Subtest 5	21.50	19.76	19.57	19.48
	Subtest 1	22.50	21.15	21.05	21.00
DC-HSDPA	Subtest 2	22.50	20.42	20.28	20.19
DC-HODFA	Subtest 3	22.00	20.35	20.15	20.09
	Subtest 4	22.00	20.35	20.18	20.08

Table 29: Test results conducted power measurement of UMTS Band II (Reduced Power Level D1)

UMTS Band II		Tune-up	Average Power (dBm)		
UMI	UMIS Band II		9262CH	9400CH	9538CH
WCDMA	12.2kbps RMC	22.00	21.18	21.18	21.06
VVCDIVIA	12.2kbps AMR	22.00	21.38	21.19	21.08
	Subtest 1	22.00	20.75	20.67	20.55
HSDPA	Subtest 2	22.00	19.98	19.90	19.78
HSDPA	Subtest 3	21.50	19.93	19.78	19.67
	Subtest 4	21.50	19.95	19.77	19.69
HSUPA	Subtest 1	21.50	19.83	19.00	18.93
	Subtest 2	19.50	16.82	16.78	16.75
	Subtest 3	20.50	17.55	17.59	17.56
	Subtest 4	20.00	16.86	17.14	16.99
	Subtest 5	21.00	19.38	19.20	19.07
	Subtest 1	22.00	20.76	20.71	20.55
DC-HSDPA	Subtest 2	22.00	20.03	19.88	19.77
DC-NODPA	Subtest 3	21.50	19.93	19.81	19.71
	Subtest 4	21.50	19.94	19.77	19.65

Table 30: Test results conducted power measurement of UMTS Band II (Reduced Power Level D3/D5/D6)



UMTS Band II		Tune-up	Average Power (dBm)		
UNIT	S Dallu II	Max.	9262CH	9400CH	9538CH
WCDMA	12.2kbps RMC	20.00	19.11	19.12	19.03
VVCDIVIA	12.2kbps AMR	20.00	19.08	19.11	19.05
	Subtest 1	20.00	18.72	18.59	18.49
HSDPA	Subtest 2	20.00	17.99	17.80	17.67
ISDPA	Subtest 3	19.50	17.86	17.71	17.58
	Subtest 4	19.50	17.85	17.68	17.55
HSUPA	Subtest 1	19.50	16.84	16.94	16.77
	Subtest 2	17.50	14.67	14.75	14.72
	Subtest 3	18.50	15.52	15.42	15.52
	Subtest 4	18.00	14.69	14.99	14.73
	Subtest 5	19.00	17.28	17.09	16.98
	Subtest 1	20.00	18.72	18.59	18.54
DC-HSDPA	Subtest 2	20.00	17.98	17.78	17.68
	Subtest 3	19.50	17.87	17.71	17.56
	Subtest 4	19.50	17.84	17.70	17.57

Table 31: Test results conducted power measurement of UMTS Band II (Reduced Power Level D4) 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.

The conducted power measurements of owno band reforecond anternal	7.1.7	Conducted power measurements of UMTS Band IV(Second antenna)
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UMTS Band IV		Tune-up	Average Power (dBm)		
		Max.	1312CH	1413CH	1513CH
WCDMA	12.2kbps RMC	22.00	21.35	21.44	21.47
VVCDIVIA	12.2kbps AMR	22.00	21.36	21.42	21.47
	Subtest 1	22.00	20.84	20.94	20.99
	Subtest 2	22.00	20.03	20.09	20.15
HSDPA	Subtest 3	21.50	19.91	19.92	20.03
	Subtest 4	21.50	19.93	19.96	20.01
HSUPA	Subtest 1	22.00	19.27	19.43	19.39
	Subtest 2	19.50	16.85	16.94	16.96
	Subtest 3	20.50	17.65	17.73	17.52
	Subtest 4	20.00	17.53	17.86	17.62
	Subtest 5	21.00	19.36	19.45	19.51
	Subtest 1	21.00	20.81	20.95	20.95
DC-HSDPA	Subtest 2	22.00	20.04	20.04	20.18
DC-USDA	Subtest 3	21.50	19.95	20.02	20.06
	Subtest 4	21.50	19.94	20.00	20.04

Table 32: Test results conducted power measurement of UMTS Band IV (Full Power)



		Tune-up	Average Power (dBm)		
UIVITS	UMTS Band IV		1312CH	1413CH	1513CH
WCDMA	12.2kbps RMC	19.00	18.35	18.43	18.46
VVCDIVIA	12.2kbps AMR	19.00	18.32	18.39	18.47
	Subtest 1	19.00	17.84	17.92	17.97
HSDPA	Subtest 2	19.00	17.07	17.08	17.13
HSDPA	Subtest 3	18.50	16.91	16.97	17.03
	Subtest 4	18.50	16.97	16.98	17.05
HSUPA	Subtest 1	19.00	14.77	14.82	14.92
	Subtest 2	16.50	12.52	13.94	13.90
	Subtest 3	17.50	14.32	14.66	14.61
	Subtest 4	17.00	14.18	14.49	14.34
	Subtest 5	18.00	16.36	16.45	16.51
	Subtest 1	18.00	17.84	17.89	17.97
DC-HSDPA	Subtest 2	19.00	17.01	17.09	17.13
DC-DODPA	Subtest 3	18.50	16.95	17.06	17.08
	Subtest 4	18.50	16.95	17.04	17.05

Table 33: Test results conducted power measurement of UMTS Band IV (Reduced Power Level D1)

UMTS Band IV		Tune-up	Average Power (dBm)		
		Max.	1312CH	1413CH	1513CH
WCDMA	12.2kbps RMC	18.00	17.35	17.44	17.52
VVCDIVIA	12.2kbps AMR	18.00	17.34	17.43	17.50
	Subtest 1	18.00	16.81	16.91	16.95
HSDPA	Subtest 2	18.00	16.01	16.05	16.11
HSDFA	Subtest 3	17.50	15.96	15.96	16.07
	Subtest 4	17.50	15.94	15.97	16.03
HSUPA	Subtest 1	18.00	13.72	13.76	13.89
	Subtest 2	15.50	11.15	12.04	12.05
	Subtest 3	16.50	12.29	12.67	12.73
	Subtest 4	16.00	11.46	11.70	11.60
	Subtest 5	17.00	15.38	15.47	15.53
	Subtest 1	17.00	16.81	16.91	16.98
DC-HSDPA	Subtest 2	18.00	16.04	16.05	16.12
DC-HODFA	Subtest 3	17.50	15.98	16.06	16.03
	Subtest 4	17.50	15.98	15.89	16.05

Table 34: Test results conducted power measurement of UMTS Band IV (Reduced Power Level D2)



UMTS Band IV		Tune-up	Average Power (dBm)		
UIVIT	5 Banu IV	Max.	1312CH	1413CH	1513CH
WCDMA	12.2kbps RMC	15.00	14.34	14.40	14.47
VVCDIVIA	12.2kbps AMR	15.00	14.35	14.42	14.48
	Subtest 1	15.00	13.83	13.90	13.98
HSDPA	Subtest 2	15.00	13.04	13.07	13.14
ISDPA	Subtest 3	14.50	12.92	12.95	13.01
	Subtest 4	14.50	12.95	12.93	13.03
HSUPA	Subtest 1	15.00	13.40	13.26	12.83
	Subtest 2	12.50	9.62	10.10	10.30
	Subtest 3	13.50	10.78	11.04	11.03
	Subtest 4	13.00	10.37	10.53	10.64
	Subtest 5	14.00	13.84	13.97	13.99
	Subtest 1	14.00	13.79	13.89	13.94
DC-HSDPA	Subtest 2	15.00	12.96	13.09	13.14
	Subtest 3	14.50	12.97	13.07	13.04
	Subtest 4	14.50	12.98	12.95	13.04

Table 35: Test results conducted power measurement of UMTS Band IV (Reduced Power Level D3) 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.

7.1.8 Conducted power measurements of UMTS Band IV(Main antenna)	7.1.8	Conducted power measurements of	UMTS Band IV(Main antenna)
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UMTS Band IV		Tune-up	Average Power (dBm)		
UNIT	UNITS Band IV		1312CH	1413CH	1513CH
WCDMA	12.2kbps RMC	24.50	23.61	23.83	23.88
WCDIMA	12.2kbps AMR	24.50	23.62	23.81	23.87
	Subtest 1	24.50	23.13	23.33	23.38
HSDPA	Subtest 2	24.50	22.37	22.49	22.59
HSDPA	Subtest 3	24.00	22.26	22.45	22.45
	Subtest 4	24.00	22.26	22.39	22.46
HSUPA	Subtest 1	24.50	20.24	20.56	20.51
	Subtest 2	22.00	16.54	16.43	16.22
	Subtest 3	23.00	17.24	17.43	17.57
	Subtest 4	22.50	16.77	16.98	16.99
	Subtest 5	23.50	21.64	21.86	21.92
	Subtest 1	24.50	23.14	23.31	23.40
DC-HSDPA	Subtest 2	24.50	22.32	22.55	22.57
DC-NSDPA	Subtest 3	24.00	22.23	22.46	22.46
	Subtest 4	24.00	22.24	22.43	22.47

Table 36: Test results conducted power measurement of UMTS Band IV (Full Power)



	S Band IV	Tune-up	Ave	rage Power (d	Bm)
UIVIT	D Dallu IV	Max.	1312CH	1413CH	1513CH
WCDMA	12.2kbps RMC	22.50	21.63	21.83	21.86
VVCDIVIA	12.2kbps AMR	22.50	21.62	21.83	21.91
	Subtest 1	22.50	21.10	21.27	21.38
HSDPA	Subtest 2	22.50	20.32	20.46	20.58
ISDPA	Subtest 3	22.00	20.24	20.42	20.46
	Subtest 4	22.00	20.21	20.36	20.44
	Subtest 1	22.50	19.54	19.73	19.91
	Subtest 2	20.00	16.54	16.44	16.23
HSUPA	Subtest 3	21.00	17.23	17.43	17.57
	Subtest 4	20.50	16.76	16.97	16.99
	Subtest 5	21.50	19.65	19.81	19.92
	Subtest 1	22.50	21.08	21.38	21.39
DC-HSDPA	Subtest 2	22.50	20.32	20.51	20.54
	Subtest 3	22.00	20.22	20.42	20.44
	Subtest 4	22.00	20.23	20.39	20.43

Table 37: Test results conducted power measurement of UMTS Band IV (Reduced Power Level D3/D4/D5/D6)

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.

7.1.9 Conducted power measurements of UMTS Band V(Second antenna)

	S Band V	Tune-up	Ave	rage Power (d	Power (dBm)	
UIVIT	S Barlu V	Max.	4132CH	4182CH	4233CH	
WCDMA	12.2kbps RMC	24.50	23.51	23.45	23.50	
VUCDIVIA	12.2kbps AMR	24.50	23.49	23.42	23.47	
	Subtest 1	24.50	22.98	22.91	22.98	
HSDPA	Subtest 2	24.00	22.50	22.44	22.48	
HODFA	Subtest 3	23.50	22.49	22.45	22.51	
	Subtest 4	23.50	22.49	22.46	22.49	
	Subtest 1	23.50	22.62	22.35	22.25	
	Subtest 2	21.50	19.97	20.14	20.09	
HSUPA	Subtest 3	22.50	20.70	20.87	20.90	
	Subtest 4	22.00	20.26	20.25	20.29	
	Subtest 5	23.00	21.48	21.42	21.45	
	Subtest 1	24.50	22.98	22.95	22.98	
DC-HSDPA	Subtest 2	24.00	22.49	22.44	22.49	
DC-HSDPA	Subtest 3	23.50	22.50	22.44	22.48	
	Subtest 4	23.50	22.50	22.44	22.46	

Table 38: Test results conducted power measurement of UMTS Band V (Full Power)



	S Band V	Tune-up	Ave	rage Power (d	/er (dBm)	
UIVIT	S Bariu V	Max.	4132CH	4182CH	4233CH	
WCDMA	12.2kbps RMC	19.50	18.46	18.40	18.45	
VVCDIVIA	12.2kbps AMR	19.50	18.45	18.37	18.44	
	Subtest 1	19.50	17.95	17.91	17.95	
HSDPA	Subtest 2	19.00	17.46	17.41	17.46	
HSDPA	Subtest 3	18.50	17.45	17.40	17.47	
	Subtest 4	18.50	17.47	17.40	17.45	
	Subtest 1	18.50	17.16	17.61	17.43	
	Subtest 2	16.50	14.14	14.37	14.33	
HSUPA	Subtest 3	17.50	15.86	16.08	16.02	
	Subtest 4	17.00	14.37	14.42	14.49	
	Subtest 5	18.00	16.50	16.41	16.46	
	Subtest 1	19.50	17.95	17.92	17.94	
DC-HSDPA	Subtest 2	19.00	17.52	17.41	17.45	
	Subtest 3	18.50	17.45	17.38	17.44	
	Subtest 4	18.50	17.47	17.41	17.44	

Table 39: Test results conducted power measurement of UMTS Band V (Reduced Power Level D1)

	S Band V	Tune-up	Ave	rage Power (d	Bm)
UIVIT	S Ballu V	Max.	4132CH	4182CH	4233CH
WCDMA	12.2kbps RMC	21.50	20.45	20.40	20.49
VVCDIVIA	12.2kbps AMR	21.50	20.47	20.36	20.42
	Subtest 1	21.50	19.95	19.88	19.95
HSDPA	Subtest 2	21.00	19.47	19.41	19.46
HODFA	Subtest 3	20.50	19.44	19.42	19.46
	Subtest 4	20.50	19.47	19.42	19.45
	Subtest 1	20.50	18.98	19.45	19.35
	Subtest 2	18.50	17.13	17.20	17.16
HSUPA	Subtest 3	19.50	17.86	17.93	17.97
	Subtest 4	19.00	16.42	16.39	16.35
	Subtest 5	20.00	18.49	18.39	18.42
	Subtest 1	21.50	19.95	19.88	19.94
DC-HSDPA	Subtest 2	21.00	19.51	19.41	19.46
DU-HODFA	Subtest 3	20.50	19.44	19.42	19.46
	Subtest 4	20.50	19.48	19.42	19.47

Table 40: Test results conducted power measurement of UMTS Band V (Reduced Power Level D2)



	S Band V	Tune-up	Ave	rage Power (dBm)		
UIVIT	S Dallu V	Max.	4132CH	4182CH	4233CH	
WCDMA	12.2kbps RMC	16.50	15.46	15.41	15.46	
VVCDIVIA	12.2kbps AMR	16.50	15.45	15.39	15.44	
	Subtest 1	16.50	14.96	14.91	14.95	
HSDPA	Subtest 2	16.00	14.46	14.38	14.46	
ISUFA	Subtest 3	15.50	14.48	14.41	14.46	
	Subtest 4	15.50	14.46	14.40	14.45	
	Subtest 1	15.50	13.25	13.81	13.77	
	Subtest 2	13.50	11.29	11.48	11.45	
HSUPA	Subtest 3	14.50	11.99	12.18	12.24	
	Subtest 4	14.00	11.48	11.49	11.56	
	Subtest 5	15.00	13.35	13.61	13.76	
	Subtest 1	16.50	14.94	14.90	14.98	
DC-HSDPA	Subtest 2	16.00	14.48	14.39	14.46	
	Subtest 3	15.50	14.46	14.43	14.47	
	Subtest 4	15.50	14.44	14.40	14.45	

Table 41: Test results conducted power measurement of UMTS Band V (Reduced Power Level D3) 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.

	S Band V	Tune-up	Ave	rage Power (d	er (dBm)	
UIVIT	S Ballu V	Max.	4132CH	4182CH	4233CH	
WCDMA	12.2kbps RMC	25.00	23.97	23.99	24.10	
VV CDIVIA	12.2kbps AMR	25.00	23.99	23.96	24.07	
	Subtest 1	25.00	23.47	23.47	23.56	
HSDPA	Subtest 2	24.50	22.96	22.96	23.07	
HODEA	Subtest 3	24.00	22.52	22.53	22.64	
	Subtest 4	24.00	22.55	22.55	22.65	
	Subtest 1	24.00	22.75	22.77	22.84	
	Subtest 2	22.00	20.56	20.74	19.96	
HSUPA	Subtest 3	23.00	21.40	21.36	21.52	
	Subtest 4	22.50	19.96	20.06	20.24	
	Subtest 5	23.50	21.94	21.92	22.04	
	Subtest 1	25.00	23.21	23.32	23.45	
DC-HSDPA	Subtest 2	24.50	23.89	23.01	23.00	
DU-HODFA	Subtest 3	24.00	23.56	23.54	23.67	
	Subtest 4	24.00	23.54	23.55	23.63	

7.1.10 Conducted power measurements of UMTS Band V(Main antenna)

Table 42: Test results conducted power measurement of UMTS Band V Note:

1) The bolded 12.2kbps RMC mode was selected for SAR testing.

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



7.1.11 Conducted power measurements of LTE Band 2(Second antenna)

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwium	Woddiation	110 3126	IND UNSEL	Max.	18607CH	18900CH	19193CH
		1	0	21.20	20.35	20.24	20.12
		1	3	21.20	20.23	20.23	20.12
		1	5	21.20	20.22	20.19	20.21
	QPSK	3	0	21.20	20.19	20.10	20.10
		3	2	21.20	20.19	20.22	20.20
		3	3	21.20	20.13	20.24	20.21
		6	0	21.20	20.13	20.19	20.20
		1	0	21.20	20.48	20.32	20.30
		1	3	21.20	20.32	20.24	20.30
		1	5	21.20	20.47	20.23	20.17
1.4MHz	16QAM	3	0	21.20	20.21	20.34	20.22
		3	2	21.20	20.43	20.01	19.95
		3	3	21.20	20.40	20.08	20.20
		6	0	21.20	20.11	20.19	20.14
		1	0	21.20	20.28	20.21	20.22
		1	3	21.20	20.16	20.38	20.18
		1	5	21.20	20.43	20.29	20.23
	64QAM	3	0	21.20	20.28	20.24	20.04
		3	2	21.20	20.35	20.19	20.07
		3	3	21.20	20.04	20.17	20.00
		6	0	20.20	19.09	19.21	19.06
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwium	INIOUUIATION	ND SIZE	KD UIISEL	Max.	18615CH	18900CH	19185CH
		1	0	21.20	20.22	20.31	20.12
		1	7	21.20	20.21	20.33	20.08
		1	14	21.20	20.21	20.33	20.15
	QPSK	8	0	21.20	20.21	20.26	20.17
	QPSK	8 8	0 4	21.20 21.20	20.21 20.20	20.26 20.26	20.17 20.17
	QPSK						
	QPSK	8	4	21.20	20.20	20.26	20.17
	QPSK	8 8	4 7	21.20 21.20	20.20 20.20	20.26 20.23	20.17 20.16
	QPSK	8 8 15	4 7 0	21.20 21.20 21.20	20.20 20.20 20.21	20.26 20.23 20.22	20.17 20.16 20.14
	QPSK	8 8 15 1	4 7 0 0	21.20 21.20 21.20 21.20	20.20 20.20 20.21 20.29	20.26 20.23 20.22 20.14	20.17 20.16 20.14 20.19
3MHz	UPSK 16QAM	8 8 15 1 1	4 7 0 0 7	21.20 21.20 21.20 21.20 21.20 21.20	20.20 20.20 20.21 20.29 20.26	20.26 20.23 20.22 20.14 20.34	20.17 20.16 20.14 20.19 20.17
3MHz		8 8 15 1 1 1 1	4 7 0 0 7 14	21.20 21.20 21.20 21.20 21.20 21.20 21.20	20.20 20.20 20.21 20.29 20.26 20.31	20.26 20.23 20.22 20.14 20.34 20.39	20.17 20.16 20.14 20.19 20.17 20.04
3MHz		8 8 15 1 1 1 8	4 7 0 0 7 14 0	21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20	20.20 20.20 20.21 20.29 20.26 20.31 20.16	20.26 20.23 20.22 20.14 20.34 20.39 20.20	20.17 20.16 20.14 20.19 20.17 20.04 19.99
3MHz		8 8 15 1 1 1 8 8 8	4 7 0 0 7 14 0 4	21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20	20.20 20.20 20.21 20.29 20.26 20.31 20.16 20.13	20.26 20.23 20.22 20.14 20.34 20.39 20.20 20.23	20.17 20.16 20.14 20.19 20.17 20.04 19.99 20.05
3MHz		8 8 15 1 1 1 8 8 8 8	4 7 0 7 14 0 4 7	21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20	20.20 20.20 20.21 20.29 20.26 20.31 20.16 20.13 20.13	20.26 20.23 20.22 20.14 20.34 20.39 20.20 20.23 20.23	20.17 20.16 20.14 20.19 20.17 20.04 19.99 20.05 20.10
3MHz		8 8 15 1 1 1 8 8 8 8	4 7 0 0 7 14 0 4 7 0	21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20	20.20 20.20 20.21 20.29 20.26 20.31 20.16 20.13 20.13 20.13	20.26 20.23 20.22 20.14 20.34 20.39 20.20 20.23 20.23 20.23 20.15	20.17 20.16 20.14 20.19 20.17 20.04 19.99 20.05 20.10 20.08
3MHz		8 8 15 1 1 1 8 8 8 8 8 15 1	4 7 0 7 14 0 4 7 0 0 0	21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20	20.20 20.20 20.21 20.29 20.26 20.31 20.16 20.13 20.13 20.16 20.35	20.26 20.23 20.22 20.14 20.34 20.39 20.20 20.23 20.23 20.23 20.15 19.95	20.17 20.16 20.14 20.19 20.17 20.04 19.99 20.05 20.10 20.08 20.16
3MHz		8 8 15 1 1 1 8 8 8 8 15 1 1 1	4 7 0 7 14 0 4 7 0 0 0 7	21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20	20.20 20.20 20.21 20.29 20.26 20.31 20.16 20.13 20.13 20.13 20.16 20.35 20.30	20.26 20.23 20.22 20.14 20.34 20.39 20.20 20.23 20.23 20.23 20.15 19.95 20.19	20.17 20.16 20.14 20.19 20.17 20.04 19.99 20.05 20.05 20.10 20.08 20.16 20.29
3MHz	16QAM	8 8 15 1 1 1 8 8 8 8 15 1 1 1 1	4 7 0 7 14 0 4 7 0 0 0 7 14	21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20	20.20 20.20 20.21 20.29 20.26 20.31 20.16 20.13 20.13 20.13 20.16 20.35 20.30 20.33	20.26 20.23 20.22 20.14 20.34 20.39 20.20 20.23 20.23 20.23 20.15 19.95 20.19 20.30	20.17 20.16 20.14 20.19 20.17 20.04 19.99 20.05 20.10 20.08 20.16 20.29 20.20
3MHz	16QAM	8 8 15 1 1 1 8 8 8 15 15 1 1 1 8	4 7 0 0 7 14 0 4 7 0 0 0 7 14 0	21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20	20.20 20.20 20.21 20.29 20.26 20.31 20.16 20.13 20.13 20.13 20.16 20.35 20.30 20.33 19.37	20.26 20.23 20.22 20.14 20.34 20.39 20.20 20.23 20.23 20.15 19.95 20.19 20.30 19.20	20.17 20.16 20.14 20.19 20.17 20.04 19.99 20.05 20.10 20.08 20.16 20.29 20.20 19.17



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiutin	Modulation	IND SIZE	IVD 0113EL	Max.	18625CH	18900CH	19175CH
		1	0	21.20	20.31	20.12	20.27
		1	13	21.20	20.31	20.08	20.24
		1	24	21.20	20.29	20.14	20.25
	QPSK	12	0	21.20	20.23	20.21	20.26
		12	6	21.20	20.22	20.21	20.25
		12	13	21.20	20.22	20.21	20.25
		25	0	21.20	20.18	20.19	20.15
		1	0	21.20	20.41	20.44	20.54
		1	13	21.20	20.38	20.57	20.54
		1	24	21.20	20.54	20.55	20.40
5MHz	16QAM	12	0	21.20	20.12	20.09	20.10
		12	6	21.20	20.10	20.14	20.09
		12	13	21.20	20.16	20.14	20.06
		25	0	21.20	20.12	20.18	20.04
		1	0	21.20	20.19	20.22	20.34
		1	13	21.20	20.31	20.23	20.29
		1	24	21.20	20.14	20.15	20.26
	64QAM	12	0	20.20	19.17	19.20	19.14
		12	6	20.20	19.14	19.17	19.19
		12	13	20.20	19.38	19.17	19.07
		25	0	20.20	19.11	19.11	19.07
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiuth	Modulation	ND SIZE	KD UISEL	Max.	18650CH	18900CH	19150CH
		1	0	21.20	20.38	20.15	20.11
		1	25	21.20	20.38	20.10	20.17
		1	49	21.20	20.36	20.20	20.14
	QPSK	25	0	21.20	20.28	20.18	20.10
		25	13	21.20	20.24	20.20	20.11
						20120	_0
		25	25	21.20	20.27	20.20	20.12
		25 50	<u>25</u> 0	21.20 21.20	20.27 20.18		
						20.20	20.12
		50	0	21.20	20.18	20.20 20.18	20.12 20.05
		50 1	0 0	21.20 21.20	20.18 20.32	20.20 20.18 20.15	20.12 20.05 20.18
10MHz	16QAM	50 1 1	0 0 25	21.20 21.20 21.20	20.18 20.32 20.13	20.20 20.18 20.15 19.98	20.12 20.05 20.18 20.11
10MHz	16QAM	50 1 1 1	0 0 25 49	21.20 21.20 21.20 21.20	20.18 20.32 20.13 20.24	20.20 20.18 20.15 19.98 20.41	20.12 20.05 20.18 20.11 20.01
10MHz	16QAM	50 1 1 1 25	0 0 25 49 0	21.20 21.20 21.20 21.20 21.20 21.20	20.18 20.32 20.13 20.24 20.13	20.20 20.18 20.15 19.98 20.41 20.05	20.12 20.05 20.18 20.11 20.01 20.06
10MHz	16QAM	50 1 1 25 25	0 0 25 49 0 13	21.20 21.20 21.20 21.20 21.20 21.20 21.20	20.18 20.32 20.13 20.24 20.13 20.12	20.20 20.18 20.15 19.98 20.41 20.05 20.09	20.12 20.05 20.18 20.11 20.01 20.06 20.18
10MHz	16QAM	50 1 1 25 25 25 25	0 0 25 49 0 13 25	21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20	20.18 20.32 20.13 20.24 20.13 20.12 20.15	20.20 20.18 20.15 19.98 20.41 20.05 20.09 20.09	20.12 20.05 20.18 20.11 20.01 20.06 20.18 20.18
10MHz	16QAM	50 1 1 25 25 25 25	0 0 25 49 0 13 25 0	21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20	20.18 20.32 20.13 20.24 20.13 20.12 20.15 20.05	20.20 20.18 20.15 19.98 20.41 20.05 20.09 20.09 20.22	20.12 20.05 20.18 20.11 20.01 20.06 20.18 20.18 19.99
10MHz	16QAM	50 1 1 25 25 25 50 1	0 0 25 49 0 13 25 0 0	21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20	20.18 20.32 20.13 20.24 20.13 20.12 20.15 20.05 20.43	20.20 20.18 20.15 19.98 20.41 20.05 20.09 20.09 20.22 20.31	20.12 20.05 20.18 20.11 20.01 20.06 20.18 20.18 19.99 20.34
10MHz	16QAM 64QAM	50 1 1 25 25 25 50 1 1	0 0 25 49 0 13 25 0 0 0 25	21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20	20.18 20.32 20.13 20.24 20.13 20.12 20.15 20.05 20.43 20.25	20.20 20.18 20.15 19.98 20.41 20.05 20.09 20.09 20.22 20.31 20.30	20.12 20.05 20.18 20.11 20.01 20.06 20.18 20.18 19.99 20.34 20.05
10MHz		50 1 1 25 25 25 50 1 1 1	0 0 25 49 0 13 25 0 0 25 49	21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20	20.18 20.32 20.13 20.24 20.13 20.12 20.15 20.05 20.43 20.25 20.44	20.20 20.18 20.15 19.98 20.41 20.05 20.09 20.09 20.22 20.31 20.30 20.43	20.12 20.05 20.18 20.11 20.01 20.06 20.18 20.18 19.99 20.34 20.05 20.22
10MHz		50 1 1 25 25 25 50 1 1 1 25	0 0 25 49 0 13 25 0 0 25 49 0	21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20 20.20	20.18 20.32 20.13 20.24 20.13 20.12 20.15 20.05 20.43 20.25 20.44 19.14	20.20 20.18 20.15 19.98 20.41 20.05 20.09 20.22 20.31 20.30 20.43 19.12	20.12 20.05 20.18 20.11 20.01 20.06 20.18 20.18 19.99 20.34 20.05 20.22 19.23



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiutin	wouldtion	IND SIZE	IND UIISEL	Max.	18675CH	18900CH	19125CH
		1	0	21.20	20.35	20.38	20.12
		1	38	21.20	20.38	20.39	20.11
		1	74	21.20	20.31	20.36	20.11
	QPSK	36	0	21.20	20.21	20.29	20.10
		36	18	21.20	20.22	20.30	20.07
		36	39	21.20	20.23	20.30	20.10
		75	0	21.20	20.37	20.17	20.18
		1	0	21.20	20.43	20.30	19.99
		1	38	21.20	20.37	20.31	19.97
		1	74	21.20	20.44	20.45	20.27
15MHz	16QAM	36	0	21.20	20.12	20.15	20.18
		36	18	21.20	20.12	20.16	19.89
		36	39	21.20	20.13	20.16	20.16
		75	0	21.20	20.06	20.10	19.93
		1	0	21.20	20.21	20.27	20.25
		1	38	21.20	20.25	20.36	20.23
		1	74	21.20	20.27	20.28	20.27
	64QAM	36	0	20.20	19.25	19.16	19.08
		36	18	20.20	19.27	19.20	18.96
		36	39	20.20	19.32	19.19	18.93
		75	0	20.20	19.33	19.25	19.03
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiutin	wooulation	RD SIZE	RD UIISEL	Max.	18700CH	18900CH	19100CH
		1	0	21.20	20.45	20.43	20.35
		1	50	21.20	20.41	20.41	20.31
		1	99	21.20	20.41	20.42	20.34
	QPSK	50	0	21.20	20.22	20.24	20.10
		50	25	21.20	20.42	20.37	20.07
		50	50	21.20	20.22	20.37	20.06
		100	0	21.20	20.22	20.21	20.27
		1	0	21.20	20.60	20.70	20.42
		1	50	21.20	20.63	20.58	20.43
		1 1	50 99			20.58 20.49	20.43 20.50
20MHz	16QAM	-		21.20	20.63		
20MHz	16QAM	1	99	21.20 21.20	20.63 20.49	20.49	20.50
20MHz	16QAM	1 50	99 0	21.20 21.20 21.20	20.63 20.49 20.13	20.49 20.21	20.50 19.94
20MHz	16QAM	1 50 50	99 0 25	21.20 21.20 21.20 21.20	20.63 20.49 20.13 20.11	20.49 20.21 20.22	20.50 19.94 20.01
20MHz	16QAM	1 50 50 50	99 0 25 50	21.20 21.20 21.20 21.20 21.20 21.20	20.63 20.49 20.13 20.11 20.14	20.49 20.21 20.22 20.09	20.50 19.94 20.01 19.98
20MHz	16QAM	1 50 50 50	99 0 25 50 0	21.20 21.20 21.20 21.20 21.20 21.20 21.20	20.63 20.49 20.13 20.11 20.14 20.10	20.49 20.21 20.22 20.09 20.18	20.50 19.94 20.01 19.98 19.97
20MHz	16QAM	1 50 50 50 100 1	99 0 25 50 0 0	21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20	20.63 20.49 20.13 20.11 20.14 20.10 20.41	20.49 20.21 20.22 20.09 20.18 20.53	20.50 19.94 20.01 19.98 19.97 20.29
20MHz	16QAM 64QAM	1 50 50 50 100 1 1	99 0 25 50 0 0 50	21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20	20.63 20.49 20.13 20.11 20.14 20.10 20.41 20.42	20.49 20.21 20.22 20.09 20.18 20.53 20.48	20.50 19.94 20.01 19.98 19.97 20.29 20.20
20MHz		1 50 50 50 100 1 1 1	99 0 25 50 0 0 50 99	21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20	20.63 20.49 20.13 20.11 20.14 20.10 20.41 20.42 20.54	20.49 20.21 20.22 20.09 20.18 20.53 20.48 20.58	20.50 19.94 20.01 19.98 19.97 20.29 20.20 20.51
20MHz		1 50 50 50 100 1 1 1 50	99 0 25 50 0 0 50 99 0	21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20 21.20 20.20	20.63 20.49 20.13 20.11 20.14 20.10 20.41 20.42 20.54 19.18	20.49 20.21 20.22 20.09 20.18 20.53 20.48 20.58 19.25	20.50 19.94 20.01 19.98 19.97 20.29 20.20 20.51 19.23

Table 43: Test results conducted power measurement of LTE Band 2 (Full Power)



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiutin	Modulation	ND SIZE	KD UIISEL	Max.	18607CH	18900CH	19193CH
		1	0	17.70	16.82	16.95	16.83
		1	3	17.70	16.98	16.95	16.84
		1	5	17.70	16.98	16.95	16.98
	QPSK	3	0	17.70	16.90	16.87	16.84
		3	2	17.70	16.92	16.73	16.69
		3	3	17.70	16.88	16.74	16.69
		6	0	17.70	16.89	16.91	16.73
		1	0	17.70	16.75	16.83	16.90
		1	3	17.70	17.06	16.92	16.82
		1	5	17.70	16.52	16.86	16.80
1.4MHz	16QAM	3	0	17.70	16.86	16.92	16.71
		3	2	17.70	16.73	16.81	16.93
		3	3	17.70	16.88	16.87	16.75
		6	0	17.70	16.80	16.64	16.67
		1	0	17.70	17.00	17.18	16.92
		1	3	17.70	17.12	17.15	16.97
		1	5	17.70	17.06	17.01	16.81
	64QAM	3	0	17.70	16.65	16.61	16.67
		3	2	17.70	16.78	16.70	16.82
		3	3	17.70	16.89	16.71	16.66
		6	0	17.70	16.85	16.76	16.79
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Banawiatin	Wooddation	TE SIZE	TE ONSOL	Max.	18615CH	18900CH	19185CH
		1	0	17.70	16.87	16.93	16.84
		1	7	17.70	16.88	16.82	16.80
		1	14	17.70	16.88	16.87	16.84
	QPSK	8	0	17.70	16.81	16.81	16.61
		8	4	17.70	16.82	16.85	16.64
		8	7	17.70	16.84	16.84	16.65
		15	0	17.70	16.79	16.84	16.83
		1	0	17.70	17.08	17.03	17.07
		1	7	17.70	16.90	16.91	16.81
		1	14	17.70	16.98	16.86	16.99
3MHz	16QAM	8	0	17.70	16.78	16.74	16.77
		8	4	17.70	16.69	16.86	16.74
		8	7	17.70	16.75	16.74	16.75
		15	0	17.70	16.68	16.71	16.75
		1	0	17.70	16.94	16.86	16.94
			7	17.70	16.92	16.86	16.98
		1					
		1	14	17.70	16.75	17.11	16.97
	64QAM	1 8	14 0	17.70 17.70	16.75 16.89	17.11 16.70	16.63
	64QAM	1 8 8	14 0 4	17.70 17.70 17.70	16.75 16.89 16.77	17.11 16.70 16.78	16.63 16.69
	64QAM	1 8	14 0	17.70 17.70	16.75 16.89	17.11 16.70	16.63



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiutin	wouldtion	ND SIZE	ND UISEL	Max.	18625CH	18900CH	19175CH
		1	0	17.70	16.87	16.71	16.88
		1	13	17.70	16.90	16.68	16.87
		1	24	17.70	16.81	16.66	16.87
	QPSK	12	0	17.70	16.89	16.83	16.86
		12	6	17.70	16.89	16.87	16.85
		12	13	17.70	16.88	16.84	16.88
		25	0	17.70	16.76	16.81	16.76
		1	0	17.70	17.06	17.16	16.98
		1	13	17.70	16.94	17.24	17.11
		1	24	17.70	17.07	17.14	17.17
5MHz	16QAM	12	0	17.70	16.75	16.85	16.78
		12	6	17.70	16.71	16.82	16.79
		12	13	17.70	16.78	16.83	16.78
		25	0	17.70	16.67	16.78	16.71
		1	0	17.70	16.86	16.99	16.98
		1	13	17.70	16.95	16.69	16.98
		1	24	17.70	16.87	17.07	16.96
	64QAM	12	0	17.70	16.69	16.80	16.71
		12	6	17.70	16.73	16.75	16.73
		12	13	17.70	16.87	16.82	16.69
		25	0	17.70	16.61	16.67	16.60
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danawidin	Modulation	110 3120	IND ONSOL	Max.	18650CH	18900CH	19150CH
		1	0	17.70	16.87	16.74	16.78
		1	25	17.70	16.90	16.70	16.82
		1	49	17.70	16.89	16.71	16.82
	QPSK	25	0	17.70	16.83	16.83	16.78
		25	13	17.70	16.81	16.83	16.77
		25	25	17.70	16.85	16.84	16.77
		50	0	47 70		40.00	10 7E
		- 50		17.70	16.71	16.82	16.75
		1	0	17.70	16.85	16.80	16.79
			0 25	17.70 17.70	16.85 17.04	16.80 16.79	16.79 16.97
		1 1 1	0 25 49	17.70 17.70 17.70	16.85 17.04 16.79	16.80 16.79 16.79	16.79 16.97 16.66
10MHz	16QAM	1 1 1 25	0 25 49 0	17.70 17.70 17.70 17.70	16.85 17.04 16.79 16.73	16.80 16.79 16.79 16.60	16.79 16.97 16.66 16.70
10MHz	16QAM	1 1 1 25 25	0 25 49 0 13	17.70 17.70 17.70 17.70 17.70	16.85 17.04 16.79 16.73 16.75	16.80 16.79 16.79 16.60 16.64	16.79 16.97 16.66 16.70 16.67
10MHz	16QAM	1 1 25 25 25 25	0 25 49 0 13 25	17.70 17.70 17.70 17.70 17.70 17.70	16.85 17.04 16.79 16.73 16.75 16.75	16.80 16.79 16.79 16.60 16.64 16.64	16.79 16.97 16.66 16.70 16.67 16.74
10MHz	16QAM	1 1 1 25 25	0 25 49 0 13 25 0	17.70 17.70 17.70 17.70 17.70 17.70 17.70	16.85 17.04 16.79 16.73 16.75 16.75 16.59	16.80 16.79 16.79 16.60 16.64 16.64 16.54	16.79 16.97 16.66 16.70 16.67 16.74 16.66
10MHz	16QAM	1 1 25 25 25 50 1	0 25 49 0 13 25 0 0	17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70	16.85 17.04 16.79 16.73 16.75 16.75 16.59 17.10	16.80 16.79 16.79 16.60 16.64 16.64 16.54 17.15	16.79 16.97 16.66 16.70 16.67 16.74 16.66 16.84
10MHz	16QAM	1 1 25 25 25 50 1 1	0 25 49 0 13 25 0 0 0 25	17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70	16.85 17.04 16.79 16.73 16.75 16.75 16.75 16.75 16.75 17.10 17.06	16.80 16.79 16.60 16.64 16.64 16.54 17.15 17.05	16.79 16.97 16.66 16.70 16.67 16.74 16.66 16.84 16.87
10MHz		1 1 25 25 25 50 1 1 1	0 25 49 0 13 25 0 0 25 49	17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70	16.85 17.04 16.79 16.73 16.75 16.75 16.59 17.10 17.06 16.89	16.80 16.79 16.79 16.60 16.64 16.64 16.54 17.15 17.05 16.86	16.79 16.97 16.66 16.70 16.67 16.74 16.66 16.84 16.87 16.95
10MHz	16QAM 64QAM	1 1 25 25 25 50 1 1 1 25	0 25 49 0 13 25 0 0 25 49 0	17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70	16.85 17.04 16.79 16.73 16.75 16.75 16.59 17.10 17.06 16.89 16.72	$\begin{array}{r} 16.80 \\ 16.79 \\ 16.79 \\ 16.60 \\ 16.64 \\ 16.64 \\ 16.54 \\ 17.15 \\ 17.05 \\ 16.86 \\ 16.65 \end{array}$	16.79 16.97 16.66 16.70 16.67 16.74 16.66 16.84 16.87 16.95 16.75
10MHz		1 1 25 25 25 50 1 1 1 25 25 25	0 25 49 0 13 25 0 0 25 49 0 13	17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70	16.85 17.04 16.79 16.73 16.75 16.75 16.59 17.10 17.06 16.89 16.72 16.69	$\begin{array}{r} 16.80 \\ 16.79 \\ 16.79 \\ 16.60 \\ 16.64 \\ 16.64 \\ 16.54 \\ 17.15 \\ 17.05 \\ 16.86 \\ 16.65 \\ 16.75 \end{array}$	$\begin{array}{r} 16.79 \\ 16.97 \\ 16.66 \\ 16.70 \\ 16.67 \\ 16.74 \\ 16.66 \\ 16.84 \\ 16.87 \\ 16.95 \\ 16.75 \\ 16.73 \\ \end{array}$
10MHz		1 1 25 25 25 50 1 1 1 25	0 25 49 0 13 25 0 0 25 49 0	17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70	16.85 17.04 16.79 16.73 16.75 16.75 16.59 17.10 17.06 16.89 16.72	$\begin{array}{r} 16.80 \\ 16.79 \\ 16.79 \\ 16.60 \\ 16.64 \\ 16.64 \\ 16.54 \\ 17.15 \\ 17.05 \\ 16.86 \\ 16.65 \end{array}$	16.79 16.97 16.66 16.70 16.67 16.74 16.66 16.84 16.87 16.95 16.75



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiutin	INDUUIATION	IND SIZE	IND UIISEL	Max.	18675CH	18900CH	19125CH
		1	0	17.70	16.93	16.93	16.76
		1	38	17.70	16.93	16.95	16.80
		1	74	17.70	16.94	16.97	16.81
	QPSK	36	0	17.70	16.84	16.88	16.79
		36	18	17.70	16.84	16.86	16.74
		36	39	17.70	16.84	16.86	16.73
		75	0	17.70	16.93	16.79	16.83
		1	0	17.70	17.02	16.92	16.72
		1	38	17.70	17.05	16.92	16.90
		1	74	17.70	17.15	17.01	16.97
15MHz	16QAM	36	0	17.70	16.72	16.82	16.59
		36	18	17.70	16.71	16.81	16.54
		36	39	17.70	16.73	16.83	16.74
		75	0	17.70	16.60	16.78	16.58
		1	0	17.70	16.82	17.08	17.02
		1	38	17.70	16.83	16.84	16.70
		1	74	17.70	17.03	16.81	16.79
	64QAM	36	0	17.70	16.86	16.78	16.55
		36	18	17.70	16.86	16.76	16.58
		36	39	17.70	16.97	16.80	16.60
		75	0	17.70	16.86	16.77	16.63
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwidin	Wouldtion		IND UNSEL	Max.	18700CH	18900CH	19100CH
		1	0	17.70	17.05	17.07	16.72
		1	50	17.70	17.13	17.07	16.76
		1	99	17.70	17.03	17.07	16.75
	QPSK	50	0	17.70	16.84	16.88	16.75
		50	25	17.70	16.82	16.87	16.79
		50	50	17.70	16.89	16.86	16.76
		100	0	17.70	16.74	16.85	16.94
		1	0	17.70	17.36	17.25	17.32
		1 1	50	17.70 17.70	17.31	17.29	17.29
		1 1 1					
20MHz	16QAM	-	50	17.70	17.31 17.22 16.79	17.29	17.29
20MHz	16QAM	1	50 99	17.70 17.70	17.31 17.22 16.79 16.76	17.29 17.22	17.29 17.28
20MHz	16QAM	1 50	50 99 0	17.70 17.70 17.70	17.31 17.22 16.79	17.29 17.22 16.80	17.29 17.28 16.56
20MHz	16QAM	1 50 50	50 99 0 25	17.70 17.70 17.70 17.70	17.31 17.22 16.79 16.76 16.78 16.67	17.29 17.22 16.80 16.79 16.77 16.75	17.29 17.28 16.56 16.58 16.58 16.61
20MHz	16QAM	1 50 50 50	50 99 0 25 50 0 0	17.70 17.70 17.70 17.70 17.70 17.70 17.70	17.31 17.22 16.79 16.76 16.78 16.67 17.20	17.29 17.22 16.80 16.79 16.77 16.75 17.12	17.29 17.28 16.56 16.58 16.58 16.61 16.93
20MHz	16QAM	1 50 50 50	50 99 0 25 50 0	17.70 17.70 17.70 17.70 17.70 17.70	17.31 17.22 16.79 16.76 16.78 16.67 17.20 16.96	17.29 17.22 16.80 16.79 16.77 16.75 17.12 17.11	17.29 17.28 16.56 16.58 16.58 16.61 16.93 17.12
20MHz	16QAM	1 50 50 50 100 1	50 99 0 25 50 0 0	17.70 17.70 17.70 17.70 17.70 17.70 17.70	17.31 17.22 16.79 16.76 16.78 16.67 17.20	17.29 17.22 16.80 16.79 16.77 16.75 17.12	17.29 17.28 16.56 16.58 16.58 16.61 16.93
20MHz	16QAM 64QAM	1 50 50 50 100 1 1	50 99 0 25 50 0 0 50	17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70	17.31 17.22 16.79 16.76 16.78 16.67 17.20 16.96	17.29 17.22 16.80 16.79 16.77 16.75 17.12 17.11	17.29 17.28 16.56 16.58 16.58 16.61 16.93 17.12
20MHz		1 50 50 50 100 1 1 1	50 99 0 25 50 0 0 50 99	17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70	17.31 17.22 16.79 16.76 16.78 16.67 17.20 16.96 17.32 16.72 16.72	17.29 17.22 16.80 16.79 16.77 16.75 17.12 17.11 17.18	17.29 17.28 16.56 16.58 16.58 16.61 16.93 17.12 17.12
20MHz		1 50 50 50 100 1 1 1 50	50 99 0 25 50 0 0 50 99 0	17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70 17.70	17.31 17.22 16.79 16.76 16.78 16.67 17.20 16.96 17.32 16.72	17.29 17.22 16.80 16.79 16.77 16.75 17.12 17.11 17.18 16.80	17.29 17.28 16.56 16.58 16.58 16.61 16.93 17.12 17.12 16.79

Table 44: Test results conducted power measurement of LTE Band 2 (Reduced Power Level D1)



Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
wouldtion			Max.	18607CH	18900CH	19193CH
	1	0	17.20	16.41	16.42	16.26
QPSK	1	3	17.20	16.36	16.42	16.29
	1	5	17.20	16.34	16.39	16.29
	3	0	17.20	16.43	16.28	16.14
	3	2	17.20	16.27	16.28	16.28
	3	3	17.20	16.27	16.43	16.15
	6	0	17.20	16.45	16.41	16.30
	1	0	17.20	16.48	16.32	16.40
	1	3	17.20	16.58	16.39	16.58
	1	5	17.20	16.45	16.42	16.44
	3	0	17.20	16.33	16.42	16.13
	3	2	17.20	16.43	16.27	16.21
	3	3	17.20	16.37	16.03	16.33
	6	0	17.20	16.36	16.18	16.11
64QAM	1	0	17.20	16.21	16.54	16.36
	1	3	17.20	16.56	16.23	16.41
	1	5	17.20	16.53	16.52	16.42
	3	0	17.20	16.29	16.30	16.30
	3	2	17.20	16.32	16.29	16.28
	3	3	17.20	16.30	16.38	16.19
	6	0		16.32	16.38	15.99
Bandwidth Modulation			Tune-up	Channel	Channel	Channel
wodulation	RB SIZE	RB Olisel	Max.	18615CH	18900CH	19185CH
QPSK 3MHz 16QAM	1	0	17.20	16.29	16.41	16.27
	1	7	17.20	16.34	16.36	16.27
	1	14	17.20	16.31	16.40	16.30
	8	0	17.20	16.27	16.31	16.19
	8	4	17.20	16.26	16.31	16.19
	8	7	17.20	16.26	16.30	16.18
	15	0	17.20	16.37	16.17	16.20
	1	0	17.20	16.35	16.34	16.32
	1	7	17.20	16.50	16.54	16.40
	1	14	17.20	16.40	16.35	16.45
	8	0	17.20	16.22	16.32	16.22
				16.19	16.31	16.21
	0					
	8	7	17.20	16.21	16.29	16.23
						16.23 16.29
	8	7	17.20	16.21	16.29	
	8 15	7 0	17.20 17.20	16.21 16.32	16.29 16.21	16.29
	8 15 1	7 0 0	17.20 17.20 17.20 17.20	16.21 16.32 16.57	16.29 16.21 16.59	16.29 16.48
64QAM	8 15 1 1 1	7 0 0 7 14	17.20 17.20 17.20 17.20 17.20	16.21 16.32 16.57 16.54 16.67	16.29 16.21 16.59 16.47 16.62	16.29 16.48 16.40 16.50
64QAM	8 15 1 1 1 8	7 0 0 7 14 0	17.20 17.20 17.20 17.20 17.20 17.20	16.21 16.32 16.57 16.54	16.29 16.21 16.59 16.47	16.29 16.48 16.40
64QAM	8 15 1 1 1	7 0 0 7 14	17.20 17.20 17.20 17.20 17.20	16.21 16.32 16.57 16.54 16.67 16.34	16.29 16.21 16.59 16.47 16.62 16.25	16.29 16.48 16.40 16.50 16.20
	16QAM 64QAM Modulation QPSK	1 1 1 1 1 3 3 6 1	1 0 1 3 1 5 3 0 3 2 3 3 6 0 1 0 1 3 6 0 1 3 1 5 16QAM 3 1 5 3 3 1 5 3 3 6 0 3 2 3 3 6 0 1 5 64QAM 3 6 0 1 5 64QAM 3 6 0 3 3 6 0 1 5 3 3 6 0 1 1 0 1 1 1 1 <	Modulation RB size RB offset Max. 1 0 17.20 1 3 17.20 1 5 17.20 3 0 17.20 3 2 17.20 3 2 17.20 3 3 17.20 3 3 17.20 6 0 17.20 1 0 17.20 1 3 17.20 1 3 17.20 1 3 17.20 1 5 17.20 3 2 17.20 3 2 17.20 3 3 17.20 3 3 17.20 1 0 17.20 1 3 17.20 1 3 17.20 1 3 17.20 1 3 17.20 3 3 17.20	Modulation RB size RB offset Max. 18607CH 1 0 17.20 16.41 1 3 17.20 16.36 1 5 17.20 16.34 3 0 17.20 16.34 3 2 17.20 16.43 3 2 17.20 16.27 3 3 17.20 16.45 1 0 17.20 16.45 1 0 17.20 16.45 1 3 17.20 16.45 1 3 17.20 16.45 1 3 17.20 16.45 1 3 17.20 16.33 3 2 17.20 16.33 3 3 17.20 16.33 3 2 17.20 16.32 64QAM 3 0 17.20 16.32 3 2 17.20 16.33 3	Modulation RB size RB offset Max. 18607CH 18900CH 1 0 17.20 16.41 16.42 1 3 17.20 16.36 16.42 1 5 17.20 16.34 16.39 3 0 17.20 16.43 16.28 3 2 17.20 16.27 16.28 3 3 17.20 16.45 16.41 6 0 17.20 16.45 16.41 1 0 17.20 16.45 16.41 1 1 0 17.20 16.45 16.42 1 3 17.20 16.43 16.27 16.33 16QAM 3 0 17.20 16.43 16.27 3 3 17.20 16.43 16.27 16QAM 3 0 17.20 16.33 16.42 3 2 17.20 16.33 16.52 16.30



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiutin	INDUUIATION	IND SIZE	IND UIISEL	Max.	18625CH	18900CH	19175CH
		1	0	17.20	16.33	16.36	16.39
		1	13	17.20	16.37	16.32	16.36
		1	24	17.20	16.40	16.25	16.31
	QPSK	12	0	17.20	16.38	16.27	16.21
		12	6	17.20	16.42	16.27	16.21
		12	13	17.20	16.40	16.27	16.20
		25	0	17.20	16.34	16.33	16.33
		1	0	17.20	16.51	16.49	16.50
		1	13	17.20	16.61	16.36	16.69
		1	24	17.20	16.61	16.33	16.42
5MHz	16QAM	12	0	17.20	16.40	16.36	16.20
		12	6	17.20	16.28	16.34	16.35
		12	13	17.20	16.23	16.37	16.39
		25	0	17.20	16.33	16.31	16.26
		1	0	17.20	16.38	16.56	16.33
		1	13	17.20	16.48	16.54	16.44
		1	24	17.20	16.31	16.60	16.46
	64QAM	12	0	17.20	16.43	16.28	16.34
		12	6	17.20	16.39	16.32	16.42
		12	13	17.20	16.36	16.35	16.42
		25	0	17.20	16.36	16.35	16.15
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiutin	wouldtion	ND SIZE	ND UISEL	Max.	18650CH	18900CH	19150CH
		1	0	17.20	16.39	16.39	16.31
		1	25	17.20	16.39	16.40	16.36
		1	49	17.20	16.43	16.36	16.36
	QPSK	25	0	17.00	40.00	10.07	10.00
		25	0	17.20	16.26	16.27	16.20
		25 25	0 13	17.20 17.20	16.26 16.25	16.27	16.20
		25	13	17.20	16.25	16.27 16.42 16.19	16.20 16.20 16.26
		25 25	13 25 0 0	17.20 17.20	16.25 16.26 16.38 16.64	16.27 16.42 16.19 16.26	16.20 16.20 16.26 16.35
		25 25 50	13 25 0	17.20 17.20 17.20	16.25 16.26 16.38	16.27 16.42 16.19 16.26 16.62	16.20 16.20 16.26
		25 25 50 1	13 25 0 0	17.20 17.20 17.20 17.20	16.25 16.26 16.38 16.64	16.27 16.42 16.19 16.26	16.20 16.20 16.26 16.35
10MHz	16QAM	25 25 50 1 1 1 25	13 25 0 0 25 49 0	17.20 17.20 17.20 17.20 17.20	16.25 16.26 16.38 16.64 16.63 16.45 16.31	16.27 16.42 16.19 16.26 16.62 16.56 16.29	16.20 16.20 16.26 16.35 16.49 16.52 16.09
10MHz		25 25 50 1 1 1	13 25 0 0 25 49	17.20 17.20 17.20 17.20 17.20 17.20	16.25 16.26 16.38 16.64 16.63 16.45 16.31 16.18	16.27 16.42 16.19 16.26 16.62 16.56	16.20 16.20 16.26 16.35 16.49 16.52
10MHz		25 25 50 1 1 1 25	13 25 0 0 25 49 0	17.20 17.20 17.20 17.20 17.20 17.20 17.20	16.25 16.26 16.38 16.64 16.63 16.45 16.31	16.27 16.42 16.19 16.26 16.62 16.56 16.29	16.20 16.20 16.26 16.35 16.49 16.52 16.09
10MHz		25 25 50 1 1 1 25 25	13 25 0 0 25 49 0 13	17.20 17.20 17.20 17.20 17.20 17.20 17.20 17.20	16.25 16.26 16.38 16.64 16.63 16.45 16.31 16.18	16.27 16.42 16.19 16.26 16.62 16.56 16.29 16.27	16.20 16.20 16.26 16.35 16.49 16.52 16.09 16.07
10MHz		25 25 50 1 1 1 25 25 25 25	13 25 0 25 49 0 13 25	17.20 17.20 17.20 17.20 17.20 17.20 17.20 17.20 17.20	16.25 16.26 16.38 16.64 16.63 16.45 16.31 16.18 16.39	16.27 16.42 16.19 16.26 16.62 16.56 16.29 16.27 16.29	16.20 16.20 16.26 16.35 16.49 16.52 16.09 16.07 16.09
10MHz		25 25 50 1 1 1 25 25 25 25	13 25 0 25 49 0 13 25 0	17.20 17.20 17.20 17.20 17.20 17.20 17.20 17.20 17.20 17.20	16.25 16.26 16.38 16.64 16.63 16.45 16.31 16.39 16.20	16.27 16.42 16.19 16.26 16.62 16.56 16.29 16.27 16.29 16.29 16.29 16.29 16.29 16.29 16.29 16.29	16.20 16.20 16.26 16.35 16.49 16.52 16.09 16.07 16.09 16.17
10MHz		25 25 50 1 1 25 25 25 25 50 1	13 25 0 25 49 0 13 25 0 0 0	17.20 17.20 17.20 17.20 17.20 17.20 17.20 17.20 17.20 17.20 17.20	16.25 16.26 16.38 16.64 16.63 16.45 16.31 16.18 16.39 16.20 16.55	16.27 16.42 16.19 16.26 16.62 16.56 16.29 16.27 16.29 16.29 16.23 16.23	16.20 16.26 16.35 16.49 16.52 16.09 16.07 16.39
10MHz		25 25 50 1 1 1 25 25 25 25 50 1 1	13 25 0 25 49 0 13 25 0 0 0 25	17.20 17.20 17.20 17.20 17.20 17.20 17.20 17.20 17.20 17.20 17.20 17.20	$\begin{array}{r} 16.25 \\ 16.26 \\ 16.38 \\ 16.64 \\ 16.63 \\ 16.45 \\ 16.31 \\ 16.18 \\ 16.39 \\ 16.20 \\ 16.55 \\ 16.59 \end{array}$	16.27 16.42 16.19 16.26 16.62 16.56 16.29 16.27 16.29 16.23 16.38 16.36	16.20 16.26 16.35 16.49 16.52 16.09 16.07 16.39 16.39 16.35
10MHz	16QAM	25 25 50 1 1 1 25 25 25 50 1 1 1	13 25 0 25 49 0 13 25 0 0 25 49	17.20 17.20 17.20 17.20 17.20 17.20 17.20 17.20 17.20 17.20 17.20 17.20 17.20 17.20	$\begin{array}{r} 16.25 \\ 16.26 \\ 16.38 \\ 16.64 \\ 16.63 \\ 16.45 \\ 16.31 \\ 16.18 \\ 16.39 \\ 16.20 \\ 16.55 \\ 16.59 \\ 16.30 \\ \end{array}$	$\begin{array}{r} 16.27\\ 16.42\\ 16.19\\ 16.26\\ 16.62\\ 16.56\\ 16.29\\ 16.27\\ 16.29\\ 16.29\\ 16.38\\ 16.36\\ 16.36\\ 16.49\\ \end{array}$	$\begin{array}{r} 16.20\\ 16.20\\ 16.26\\ 16.35\\ 16.49\\ 16.52\\ 16.09\\ 16.07\\ 16.09\\ 16.17\\ 16.39\\ 16.35\\ 16.65\\ \end{array}$
10MHz	16QAM	25 25 50 1 1 1 25 25 25 50 1 1 1 25	13 25 0 25 49 0 13 25 0 13 25 0 13 25 0 13 25 0 0 0 0 0 0 0 25 49 0	17.20 17.20 17.20 17.20 17.20 17.20 17.20 17.20 17.20 17.20 17.20 17.20 17.20 17.20 17.20	$\begin{array}{r} 16.25 \\ 16.26 \\ 16.38 \\ 16.64 \\ 16.63 \\ 16.45 \\ 16.31 \\ 16.39 \\ 16.39 \\ 16.20 \\ 16.55 \\ 16.59 \\ 16.30 \\ 16.34 \end{array}$	16.27 16.42 16.19 16.26 16.62 16.56 16.29 16.27 16.29 16.19 16.38 16.36 16.42	$\begin{array}{r} 16.20\\ 16.20\\ 16.26\\ 16.35\\ 16.49\\ 16.52\\ 16.09\\ 16.07\\ 16.09\\ 16.17\\ 16.39\\ 16.35\\ 16.65\\ 16.35\\ \end{array}$



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiuth	iviouulation	ND SIZE	KD UIISet	Max.	18675CH	18900CH	19125CH
		1	0	17.20	16.37	16.45	16.34
		1	38	17.20	16.43	16.48	16.29
		1	74	17.20	16.49	16.46	16.29
	QPSK	36	0	17.20	16.29	16.40	16.26
		36	18	17.20	16.30	16.40	16.26
		36	39	17.20	16.30	16.40	16.26
		75	0	17.20	16.38	16.36	16.22
		1	0	17.20	16.59	16.53	16.17
		1	38	17.20	16.51	16.54	16.32
		1	74	17.20	16.52	16.32	16.18
15MHz	16QAM	36	0	17.20	16.19	16.34	16.23
		36	18	17.20	16.22	16.36	16.19
		36	39	17.20	16.21	16.36	16.21
		75	0	17.20	16.27	16.18	16.26
		1	0	17.20	16.69	16.40	16.42
		1	38	17.20	16.43	16.58	16.41
		1	74	17.20	16.53	16.50	16.40
	64QAM	36	0	17.20	16.47	16.29	16.33
		36	18	17.20	16.37	16.34	16.36
		36	39	17.20	16.42	16.33	16.29
		75	0	17.20	16.37	16.29	16.32
Dondwidth	Modulation		RB offset	Tune-up	Channel	Channel	Channel
Bandwidth	wooulation	RB size	RD Olisel	Max.	18700CH	18900CH	19100CH
		1	0	17.20	16.63	16.51	16.58
		1	50	17.20	16.62	16.55	16.56
		1	99	17.20	16.64	16.52	16.57
	QPSK	50	0	17.20	16.43	16.29	16.48
		50	25	17.20	16.47	16.36	16.18
		= 0					
		50	50	17.20	16.47	16.36	16.17
		50 100	50 0	17.20 17.20	16.47 16.48	16.36 16.30	16.17 16.22
		100	0	17.20	16.48	16.30	16.22
		100 1	0 0	17.20 17.20	16.48 16.63	16.30 16.69	16.22 16.69
20MHz	16QAM	100 1 1	0 0 50	17.20 17.20 17.20	16.48 16.63 16.84	16.30 16.69 16.97	16.22 16.69 16.68
20MHz	16QAM	100 1 1 1	0 0 50 99	17.20 17.20 17.20 17.20	16.48 16.63 16.84 16.79	16.30 16.69 16.97 16.86	16.22 16.69 16.68 16.56
20MHz	16QAM	100 1 1 1 50	0 0 50 99 0	17.20 17.20 17.20 17.20 17.20	16.48 16.63 16.84 16.79 16.38	16.30 16.69 16.97 16.86 16.36	16.22 16.69 16.68 16.56 16.14
20MHz	16QAM	100 1 1 1 50 50	0 0 50 99 0 25	17.20 17.20 17.20 17.20 17.20 17.20	16.48 16.63 16.84 16.79 16.38 16.35	16.30 16.69 16.97 16.86 16.36 16.36	16.22 16.69 16.68 16.56 16.14 16.13
20MHz	16QAM	100 1 1 50 50 50	0 0 50 99 0 25 50	17.20 17.20 17.20 17.20 17.20 17.20 17.20	16.48 16.63 16.84 16.79 16.38 16.35 16.38	16.30 16.69 16.97 16.86 16.36 16.36 16.34	16.22 16.69 16.68 16.56 16.14 16.13 16.15
20MHz	16QAM	100 1 1 50 50 50	0 0 50 99 0 25 50 0	17.20 17.20 17.20 17.20 17.20 17.20 17.20 17.20	16.48 16.63 16.84 16.79 16.38 16.35 16.38 16.22	16.30 16.69 16.97 16.86 16.36 16.36 16.34 16.32	16.22 16.69 16.68 16.56 16.14 16.13 16.15 16.19
20MHz	16QAM	100 1 1 50 50 50	0 0 50 99 0 25 50 0 0	17.20 17.20 17.20 17.20 17.20 17.20 17.20 17.20 17.20	16.48 16.63 16.79 16.38 16.35 16.38 16.22 16.68	16.30 16.69 16.97 16.86 16.36 16.36 16.34 16.32 16.49	16.22 16.69 16.56 16.14 16.13 16.15 16.19 16.62
20MHz	16QAM 64QAM	100 1 1 50 50 50 100 1 1	0 0 50 99 0 25 50 0 0 50	17.20 17.20 17.20 17.20 17.20 17.20 17.20 17.20 17.20 17.20	16.48 16.63 16.84 16.79 16.38 16.35 16.38 16.22 16.68 16.72	16.30 16.69 16.97 16.86 16.36 16.34 16.32 16.49 16.26	16.22 16.69 16.68 16.56 16.14 16.13 16.15 16.19 16.62 16.77
20MHz		100 1 1 50 50 50 100 1 1 1	0 0 50 99 0 25 50 0 0 0 50 99	17.20 17.20 17.20 17.20 17.20 17.20 17.20 17.20 17.20 17.20 17.20	16.48 16.63 16.84 16.79 16.38 16.35 16.38 16.22 16.68 16.72 16.68	16.30 16.69 16.97 16.86 16.36 16.34 16.32 16.49 16.26 16.27	16.22 16.69 16.68 16.56 16.14 16.13 16.15 16.19 16.62 16.38
20MHz		$ \begin{array}{r} 100\\ 1\\ 1\\ 50\\ 50\\ 50\\ 100\\ 1\\ 1\\ 1\\ 50\\ \end{array} $	0 0 50 99 0 25 50 0 0 0 50 99 0	17.20 17.20 17.20 17.20 17.20 17.20 17.20 17.20 17.20 17.20 17.20 17.20	$\begin{array}{r} 16.48 \\ 16.63 \\ 16.84 \\ 16.79 \\ 16.38 \\ 16.35 \\ 16.38 \\ 16.22 \\ 16.68 \\ 16.72 \\ 16.68 \\ 16.23 \\ \end{array}$	$\begin{array}{r} 16.30 \\ 16.69 \\ 16.97 \\ 16.86 \\ 16.36 \\ 16.36 \\ 16.34 \\ 16.32 \\ 16.49 \\ 16.26 \\ 16.27 \\ 16.35 \end{array}$	16.22 16.69 16.68 16.56 16.14 16.13 16.15 16.19 16.62 16.77 16.38 16.29

Table 45: Test results conducted power measurement of LTE Band 2 (Reduced Power Level D2)



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiutin	wouldtion	ND SIZE	KD UIISEL	Max.	18607CH	18900CH	19193CH
		1	0	13.70	12.98	12.63	12.76
		1	3	13.70	12.93	12.61	12.72
		1	5	13.70	12.92	12.63	12.74
	QPSK	3	0	13.70	12.85	12.77	12.63
		3	2	13.70	12.85	12.63	12.76
		3	3	13.70	12.82	12.76	12.63
		6	0	13.70	12.83	12.73	12.82
		1	0	13.70	12.85	12.75	12.68
		1	3	13.70	12.77	12.84	12.76
		1	5	13.70	12.82	12.91	12.78
1.4MHz	16QAM	3	0	13.70	12.91	12.74	12.85
		3	2	13.70	12.70	12.89	12.74
		3	3	13.70	12.76	13.01	12.77
		6	0	13.70	12.88	12.83	12.68
		1	0	13.70	12.99	12.91	12.67
		1	3	13.70	12.94	12.93	12.69
		1	5	13.70	12.80	12.99	12.68
	64QAM	3	0	13.70	12.70	12.70	12.81
		3	2	13.70	12.57	12.95	12.84
		3	3	13.70	13.01	12.93	12.75
		6	0	13.70	12.56	12.90	11.79
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwidin	woodation		IND ONSEL	Max.	18615CH	18900CH	19185CH
		1	0	13.70	12.86	12.64	12.83
		1	7	13.70	12.93	12.69	12.82
		1	14	13.70	12.85	12.73	12.84
	QPSK	8	0	13.70	12.67	12.78	12.70
		8	4	13.70	12.67	12.80	12.66
		8	7	13.70	12.71	12.79	12.70
		15	0	13.70	12.72	12.70	12.84
		1	0	13.70	12.85	13.09	12.84
		1	7	13.70	13.09	13.00	12.89
		1	14	13.70	13.06	13.02	12.99
3MHz	16QAM	8	0	13.70	12.76	12.76	12.78
		8	4	13.70	12.87	12.75	12.82
			7	13.70	12.86	12.81	12.80
		8	1	13.70			
		8 15	0	13.70	12.71	12.70	12.68
			0 0		12.71 12.72	12.70 13.01	12.93
			0	13.70	12.71	12.70	
		15 1 1 1	0 0	13.70 13.70 13.70 13.70	12.71 12.72 13.07 13.05	12.70 13.01 12.85 12.95	12.93 12.95 12.95
	64QAM	15 1 1 1 8	0 0 7	13.70 13.70 13.70	12.71 12.72 13.07	12.70 13.01 12.85	12.93 12.95
	64QAM	15 1 1 1	0 0 7 14 0 4	13.70 13.70 13.70 13.70	12.71 12.72 13.07 13.05	12.70 13.01 12.85 12.95	12.93 12.95 12.95
	64QAM	15 1 1 1 8	0 0 7 14 0	13.70 13.70 13.70 13.70 13.70	12.71 12.72 13.07 13.05 12.70	12.70 13.01 12.85 12.95 12.75	12.93 12.95 12.95 12.42



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danawidin	Woodatation	110 3120	IND ONSEL	Max.	18625CH	18900CH	19175CH
		1	0	13.70	12.67	12.66	12.74
		1	13	13.70	12.62	12.67	12.63
		1	24	13.70	12.64	12.77	12.60
	QPSK	12	0	13.70	12.76	12.72	12.68
		12	6	13.70	12.79	12.72	12.72
		12	13	13.70	12.79	12.72	12.72
		25	0	13.70	12.76	12.85	12.85
		1	0	13.70	12.97	13.08	12.77
		1	13	13.70	12.82	12.77	12.84
		1	24	13.70	13.02	12.83	12.71
5MHz	16QAM	12	0	13.70	12.66	12.71	12.74
		12	6	13.70	12.75	12.73	12.66
		12	13	13.70	12.75	12.73	12.73
		25	0	13.70	12.85	12.59	12.58
		1	0	13.70	12.94	12.94	12.64
		1	13	13.70	13.09	12.87	12.91
		1	24	13.70	12.93	12.95	13.04
	64QAM	12	0	13.70	12.75	12.68	12.55
		12	6	13.70	12.72	12.74	12.44
		12	13	13.70	12.69	12.69	12.52
		25	0	13.70	12.64	12.66	12.33
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwidin	Woddiation	110 3126	IND UNSEL	Max.	18650CH	18900CH	19150CH
		1	0	13.70	12.68	12.80	12.71
		1	25	13.70	12.68	12.83	12.73
		1	49	13.70	12.74	12.78	12.71
	QPSK	25	0	13.70	12.73	12.72	12.81
		25	13	13.70	12.73	12.72	12.80
		25	25	13.70	12.74	12.71	12.80
		50	0	13.70	12.71	12.68	12.72
		1	0	13.70	12.84	12.86	12.85
		1	25	13.70	12.78	12.79	12.78
		1	49	13.70	12.81	12.77	12.84
10MHz	16QAM	25	0	13.70	12.63	12.63	12.59
		25	13	13.70	12.69	12.59	12.62
		25	25	13.70	12.65	12.58	12.59
		50	0	13.70	12.75	12.63	12.62
		4	0	13.70	13.20	12.90	12.82
		I					
		1	25	13.70	12.87	12.80	12.77
		1 1 1		13.70 13.70	12.87 13.02	12.80 12.96	12.77 12.69
	64QAM	· ·	25				
	64QAM	1	25 49	13.70	13.02	12.96	12.69
	64QAM	1 25	25 49 0	13.70 13.70	13.02 12.72	12.96 12.70	12.69 12.20



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiuti	Modulation	ND SIZE	ND UISEL	Max.	18675CH	18900CH	19125CH
		1	0	13.70	12.71	12.72	12.71
		1	38	13.70	12.69	12.74	12.71
		1	74	13.70	12.66	12.74	12.70
	QPSK	36	0	13.70	12.84	12.85	12.86
		36	18	13.70	12.84	12.86	12.85
		36	39	13.70	12.84	12.85	12.85
		75	0	13.70	12.80	12.76	12.88
		1	0	13.70	12.90	12.73	12.42
		1	38	13.70	12.80	12.86	12.71
		1	74	13.70	12.70	12.83	12.71
15MHz	16QAM	36	0	13.70	12.78	12.84	12.54
		36	18	13.70	12.77	12.83	12.63
		36	39	13.70	12.77	12.80	12.62
		75	0	13.70	12.88	12.66	12.65
		1	0	13.70	13.00	12.97	12.87
		1	38	13.70	12.85	13.08	12.71
		1	74	13.70	12.97	13.05	12.95
	64QAM	36	0	13.70	12.69	12.83	11.80
		36	18	13.70	12.78	12.83	11.94
		36	39	13.70	12.70	12.85	11.79
		75	0	13.70	12.64	12.76	11.92
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiuti	Modulation	RD SIZE	RD UISEL	Max.	18700CH	18900CH	19100CH
		1	0	13.70	12.81	12.85	12.88
		1	50	13.70	12.93	12.83	12.86
		1	99	13.70	12.85	12.91	12.87
	QPSK	50	0	13.70	12.79	12.82	12.84
		50	25	13.70	12.75	12.81	12.84
		50	50	13.70	12.77	12.81	12.83
		100	0	13.70	12.77	12.83	12.75
		1	0	13.70	13.10	13.14	12.94
		1	50	13.70	13.11	13.05	13.01
		1	50 99	13.70 13.70	13.11 13.22	13.05 13.14	13.01 12.99
20MHz	16QAM						
20MHz	16QAM	1	99	13.70	13.22	13.14	12.99
20MHz	16QAM	1 50	99 0	13.70 13.70	13.22 12.76	13.14 12.68	12.99 12.63
20MHz	16QAM	1 50 50	99 0 25	13.70 13.70 13.70	13.22 12.76 12.75	13.14 12.68 12.67	12.99 12.63 12.63
20MHz	16QAM	1 50 50 50	99 0 25 50	13.70 13.70 13.70 13.70	13.22 12.76 12.75 12.71	13.14 12.68 12.67 12.70	12.99 12.63 12.63 12.69
20MHz	16QAM	1 50 50 50	99 0 25 50 0	13.70 13.70 13.70 13.70 13.70	13.22 12.76 12.75 12.71 12.81	13.14 12.68 12.67 12.70 12.64	12.99 12.63 12.63 12.69 12.69
20MHz	16QAM	1 50 50 50	99 0 25 50 0 0	13.70 13.70 13.70 13.70 13.70 13.70 13.70	13.22 12.76 12.75 12.71 12.81 13.03	13.14 12.68 12.67 12.70 12.64 13.17	12.99 12.63 12.63 12.69 12.69 12.87
20MHz	16QAM	1 50 50 50 100 1 1	99 0 25 50 0 0 50	13.70 13.70 13.70 13.70 13.70 13.70 13.70 13.70 13.70 13.70 13.70	13.22 12.76 12.75 12.71 12.81 13.03 13.04	13.14 12.68 12.67 12.70 12.64 13.17 13.02	12.99 12.63 12.63 12.69 12.69 12.87 12.99
20MHz		1 50 50 100 1 1 1	99 0 25 50 0 0 50 99	13.70 13.70 13.70 13.70 13.70 13.70 13.70 13.70 13.70 13.70 13.70 13.70 13.70 13.70	13.22 12.76 12.75 12.71 12.81 13.03 13.04 13.06	13.14 12.68 12.67 12.70 12.64 13.17 13.02 13.33	12.99 12.63 12.63 12.69 12.69 12.87 12.99 12.98
20MHz		1 50 50 100 1 1 1 50	99 0 25 50 0 0 50 99 0	13.70 13.70 13.70 13.70 13.70 13.70 13.70 13.70 13.70 13.70 13.70 13.70 13.70 13.70 13.70 13.70 13.70	13.22 12.76 12.75 12.71 12.81 13.03 13.04 13.06 12.73	13.14 12.68 12.67 12.70 12.64 13.17 13.02 13.33 12.67	12.99 12.63 12.63 12.69 12.69 12.87 12.99 12.98 12.06

Table 46: Test results conducted power measurement of LTE Band 2 (Reduced Power Level D3) Note: The Conducted power measurements of LTE Band 2 is measured with RMS detector.



7.1.12 Conducted power measurements of LTE Band 2(Main antenna)

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwium	INIOUUIATION	ND SIZE	ND UISEL	Max.	18607CH	18900CH	19193CH
		1	0	24.20	23.00	22.81	22.68
		1	3	24.20	22.94	22.76	22.77
		1	5	24.20	22.93	22.77	22.62
	QPSK	3	0	24.20	23.04	23.00	22.77
		3	2	24.20	23.02	23.00	22.97
		3	3	24.20	22.98	22.89	22.73
		6	0	23.20	22.36	21.87	21.94
		1	0	23.20	22.10	21.86	21.94
		1	3	23.20	22.10	21.96	22.10
		1	5	23.20	22.20	21.99	22.08
1.4MHz 16QAM	3	0	23.20	22.05	21.97	21.80	
	3	2	23.20	21.98	21.92	21.89	
		3	3	23.20	22.01	21.93	21.89
		6	0	22.20	20.84	20.87	20.84
		1	0	22.20	21.27	21.17	21.18
		1	3	22.20	21.36	21.16	20.77
		1	5	22.20	21.09	21.09	21.12
	64QAM	3	0	22.20	21.19	21.02	20.79
		3	2	22.20	21.06	20.82	20.69
		3	3	22.20	20.95	21.01	20.79
		6	0	21.20	20.01	20.00	19.70
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel 18615CH	Channel 18900CH	Channel 19185CH
		1	0	Max. 24.20	22.87	22.84	22.65
		1	7	24.20	22.97	22.85	22.03
		1	14	24.20	22.96	22.83	22.94
	QPSK	8	0	23.20	22.07	22.00	21.81
	GIOR	8	4	23.20	22.01		
		0			//.01		21.81
		8	7			22.02	21.81
		8 15	7	23.20	22.07	21.90	21.80
		8 15 1	0	23.20 23.20	22.07 22.12	21.90 22.04	21.80 21.82
		15	0 0	23.20 23.20 23.20	22.07 22.12 22.05	21.90 22.04 21.83	21.80 21.82 21.87
		15 1	0 0 7	23.20 23.20 23.20 23.20	22.07 22.12	21.90 22.04 21.83 22.01	21.80 21.82 21.87 21.91
3MHz	 16QAM	15 1 1 1	0 0 7 14	23.20 23.20 23.20 23.20 23.20 23.20	22.07 22.12 22.05 21.95 22.12	21.90 22.04 21.83	21.80 21.82 21.87 21.91 21.75
3MHz	16QAM	15 1 1	0 0 7	23.20 23.20 23.20 23.20 23.20 22.20	22.07 22.12 22.05 21.95	21.90 22.04 21.83 22.01 21.86	21.80 21.82 21.87 21.91
3MHz	16QAM	15 1 1 1 8	0 0 7 14 0	23.20 23.20 23.20 23.20 23.20 23.20	22.07 22.12 22.05 21.95 22.12 20.98	21.90 22.04 21.83 22.01 21.86 20.96	21.80 21.82 21.87 21.91 21.75 20.86
3MHz	16QAM	15 1 1 1 8 8	0 0 7 14 0 4	23.20 23.20 23.20 23.20 23.20 23.20 22.20 22.20	22.07 22.12 22.05 21.95 22.12 20.98 20.98	21.90 22.04 21.83 22.01 21.86 20.96 20.85	21.80 21.82 21.87 21.91 21.75 20.86 20.82
3MHz	16QAM	15 1 1 1 8 8 8 8	0 0 7 14 0 4 7	23.20 23.20 23.20 23.20 23.20 22.20 22.20 22.20	22.07 22.12 22.05 21.95 22.12 20.98 20.98 20.98	21.90 22.04 21.83 22.01 21.86 20.96 20.85 20.98	21.80 21.82 21.91 21.75 20.86 20.82 20.76
3MHz	16QAM	15 1 1 1 8 8 8 8	0 0 7 14 0 4 7 0	23.20 23.20 23.20 23.20 23.20 22.20 22.20 22.20 22.20	22.07 22.12 22.05 21.95 22.12 20.98 20.98 20.89 20.85	21.90 22.04 21.83 22.01 21.86 20.96 20.85 20.98 20.97	21.80 21.82 21.87 21.91 21.75 20.86 20.82 20.76 20.81
3MHz	16QAM	15 1 1 8 8 8 8 15 1	0 0 7 14 0 4 7 0 0 0	23.20 23.20 23.20 23.20 22.20 22.20 22.20 22.20 22.20 22.20	22.07 22.12 22.05 21.95 22.12 20.98 20.98 20.89 20.85 21.35	21.90 22.04 21.83 22.01 21.86 20.96 20.85 20.98 20.97 21.26	21.80 21.82 21.87 21.91 21.75 20.86 20.82 20.76 20.81 20.80
3MHz	16QAM 64QAM	15 1 1 8 8 8 8 15 1 1 1	0 0 7 14 0 4 7 0 0 0 7	23.20 23.20 23.20 23.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20	22.07 22.12 22.05 21.95 22.12 20.98 20.98 20.89 20.85 21.35 21.06	21.90 22.04 21.83 22.01 21.86 20.96 20.85 20.98 20.97 21.26 21.16	21.80 21.82 21.91 21.75 20.86 20.82 20.76 20.81 20.80 20.82
3MHz		15 1 1 8 8 8 8 15 15 1 1 1	0 0 7 14 0 4 7 0 0 0 7 14	23.20 23.20 23.20 23.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20	22.07 22.12 22.05 21.95 22.12 20.98 20.98 20.89 20.89 20.85 21.35 21.06 21.09	21.90 22.04 21.83 22.01 21.86 20.96 20.85 20.98 20.97 21.26 21.16 21.02	21.80 21.82 21.91 21.75 20.86 20.82 20.76 20.81 20.80 20.82 20.82 20.84
3MHz		15 1 1 8 8 8 8 15 1 1 1 1 8	0 0 7 14 0 4 7 0 0 0 7 14 0	23.20 23.20 23.20 23.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20	22.07 22.12 22.05 21.95 22.12 20.98 20.98 20.89 20.85 21.35 21.06 21.09 20.09	21.90 22.04 21.83 22.01 21.86 20.96 20.85 20.98 20.97 21.26 21.16 21.02 20.14	21.80 21.82 21.87 21.91 21.75 20.86 20.82 20.76 20.81 20.80 20.82 20.84 19.92



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiutn	wooulation	RD SIZE	RD UISEL	Max.	18625CH	18900CH	19175CH
		1	0	24.20	23.04	23.03	22.84
		1	13	24.20	23.02	23.04	22.79
		1	24	24.20	23.07	23.01	22.81
	QPSK	12	0	23.20	22.15	22.01	21.85
		12	6	23.20	22.13	22.11	21.83
		12	13	23.20	22.13	22.01	21.83
		25	0	23.20	22.09	22.00	21.83
		1	0	23.20	22.10	22.15	22.02
		1	13	23.20	21.95	22.22	22.02
		1	24	23.20	22.11	22.17	21.91
5MHz	16QAM	12	0	22.20	21.10	21.02	20.80
		12	6	22.20	21.15	20.98	20.81
		12	13	22.20	21.15	20.99	20.89
		25	0	22.20	20.91	21.01	20.76
		1	0	22.20	21.25	21.20	21.05
		1	13	22.20	21.15	21.13	21.16
		1	24	22.20	21.21	21.09	21.05
	64QAM	12	0	21.20	20.14	20.07	19.93
		12	6	21.20	20.17	20.00	19.88
		12	13	21.20	20.19	20.09	19.85
		25	0	21.20	20.15	19.94	19.81
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiutn	INIOUUIALION	RD SIZE	RD UISEL	Max.	18650CH	18900CH	19150CH
		1	0	24.20	23.09	23.06	22.83
		1	25	24.20	23.04	23.03	23.04
		1	49	24.20	22.99	23.05	22.73
	QPSK	25	0	23.20	22.23	22.07	22.01
		25	13	23.20	22.12	22.00	21.76
		05					
		25	25	23.20	22.12	22.10	22.01
		25 50	25 0	23.20 23.20	22.25	22.10 21.84	22.01 21.81
			0		22.25 22.19	21.84 22.17	21.81 21.86
		50	0	23.20	22.25	21.84	21.81
		50 1	0	23.20 23.20	22.25 22.19	21.84 22.17	21.81 21.86
10MHz	 16QAM	50 1 1	0 0 25	23.20 23.20 23.20	22.25 22.19 22.23	21.84 22.17 22.20	21.81 21.86 21.86
10MHz	16QAM	50 1 1 1	0 0 25 49	23.20 23.20 23.20 23.20	22.25 22.19 22.23 22.20	21.84 22.17 22.20 22.22	21.81 21.86 21.86 21.91
10MHz	16QAM	50 1 1 1 25	0 0 25 49 0	23.20 23.20 23.20 23.20 23.20 22.20	22.25 22.19 22.23 22.20 21.05	21.84 22.17 22.20 22.22 20.99	21.81 21.86 21.91 20.98
10MHz	16QAM	50 1 1 1 25 25	0 0 25 49 0 13	23.20 23.20 23.20 23.20 22.20 22.20	22.25 22.19 22.23 22.20 21.05 21.05 21.07 20.89	21.84 22.17 22.20 22.22 20.99 20.99	21.81 21.86 21.86 21.91 20.98 20.95
10MHz	16QAM	50 1 1 25 25 25 25	0 0 25 49 0 13 25	23.20 23.20 23.20 23.20 22.20 22.20 22.20	22.25 22.19 22.23 22.20 21.05 21.05 21.07	21.84 22.17 22.20 22.22 20.99 20.99 20.99	21.81 21.86 21.91 20.98 20.95 20.91
10MHz	16QAM	50 1 1 25 25 25 25	0 0 25 49 0 13 25 0	23.20 23.20 23.20 22.20 22.20 22.20 22.20 22.20	22.25 22.19 22.23 22.20 21.05 21.05 21.07 20.89 21.43 21.33	21.84 22.17 22.20 22.22 20.99 20.99 20.96 21.06	21.81 21.86 21.91 20.98 20.95 20.91 20.96
10MHz	16QAM	50 1 1 25 25 25 50 1	0 0 25 49 0 13 25 0 0	23.20 23.20 23.20 22.20 22.20 22.20 22.20 22.20 22.20	22.25 22.19 22.23 22.20 21.05 21.05 21.07 20.89 21.43	21.84 22.17 22.20 22.22 20.99 20.99 20.96 21.06 21.15	21.81 21.86 21.91 20.98 20.95 20.91 20.96 20.95
10MHz	16QAM 64QAM	50 1 1 25 25 25 25 50 1 1	0 0 25 49 0 13 25 0 0 0 25	23.20 23.20 23.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20	22.25 22.19 22.23 22.20 21.05 21.05 21.07 20.89 21.43 21.33	21.84 22.17 22.20 22.22 20.99 20.99 20.96 21.06 21.15 21.29	21.81 21.86 21.86 21.91 20.98 20.95 20.91 20.96 20.95 21.19
10MHz		50 1 1 25 25 25 50 1 1 1	0 0 25 49 0 13 25 0 0 25 49	23.20 23.20 23.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20	22.25 22.19 22.23 22.20 21.05 21.05 21.07 20.89 21.43 21.33 21.20	21.84 22.17 22.20 22.22 20.99 20.99 20.96 21.06 21.15 21.29 21.21	21.81 21.86 21.91 20.98 20.95 20.91 20.96 20.95 21.19 21.06
10MHz		50 1 1 25 25 25 50 1 1 1 25	0 0 25 49 0 13 25 0 0 25 49 0	23.20 23.20 23.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20	22.25 22.19 22.23 22.20 21.05 21.05 21.07 20.89 21.43 21.33 21.20 20.07	21.84 22.17 22.20 22.22 20.99 20.99 20.96 21.06 21.15 21.29 21.21 20.02	21.81 21.86 21.91 20.98 20.95 20.91 20.96 20.95 21.19 21.06 20.00



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiutin	Modulation	ND SIZE	ND UISEL	Max.	18675CH	18900CH	19125CH
		1	0	24.20	23.01	23.02	22.77
		1	38	24.20	23.08	22.98	22.76
		1	74	24.20	22.98	22.98	22.78
	QPSK	36	0	23.20	22.12	22.11	21.86
		36	18	23.20	22.11	22.11	21.85
		36	39	23.20	22.10	22.11	21.85
		75	0	23.20	22.16	22.05	22.04
		1	0	23.20	22.17	22.25	21.90
		1	38	23.20	22.06	22.09	21.79
		1	74	23.20	21.96	22.26	21.79
15MHz	16QAM	36	0	22.20	20.99	20.97	20.73
		36	18	22.20	21.02	21.07	20.72
		36	39	22.20	21.07	21.10	20.68
		75	0	22.20	20.89	20.99	20.96
		1	0	22.20	21.25	21.16	21.08
		1	38	22.20	21.23	21.21	21.17
		1	74	22.20	21.39	21.23	20.92
	64QAM	36	0	21.20	20.09	20.14	19.86
		36	18	21.20	20.11	20.16	19.86
		36	39	21.20	20.11	20.15	19.99
		75	0	21.20	20.10	20.10	19.99
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiutn	INIOUUIALION	RD SIZE	RD UISEL	Max.	18700CH	18900CH	19100CH
		1	0	24.20	23.15	23.10	22.91
		1	50	24.20	23.13	23.09	22.94
		1	99	24.20	23.12	23.09	22.94
	QPSK	50	0	23.20	22.11	22.16	21.99
		50	25	23.20	22.10	22.17	22.00
		50	50	23.20	22.16	22.07	21.97
		100	0	23.20	22.07	21.89	21.84
		4	0	~~~~~			00 10
		1	0	23.20	22.28	22.39	22.10
		1	50	23.20	22.28 22.47	22.39 22.44	22.10 22.11
20MHz	16QAM	1	50	23.20	22.47	22.44	22.11
20MHz	16QAM	1 1	50 99	23.20 23.20	22.47 22.23	22.44 22.37	22.11 22.12
20MHz	16QAM	1 1 50	50 99 0	23.20 23.20 22.20	22.47 22.23 21.08	22.44 22.37 21.00	22.11 22.12 20.93
20MHz	16QAM	1 1 50 50	50 99 0 25	23.20 23.20 22.20 22.20	22.47 22.23 21.08 21.00	22.44 22.37 21.00 21.04 21.06 20.92	22.11 22.12 20.93 20.72
20MHz	16QAM	1 1 50 50 50	50 99 0 25 50	23.20 23.20 22.20 22.20 22.20	22.47 22.23 21.08 21.00 21.10 20.89 21.27	22.44 22.37 21.00 21.04 21.06	22.11 22.12 20.93 20.72 20.96 20.76 21.31
20MHz	16QAM	1 1 50 50 50	50 99 0 25 50 0	23.20 23.20 22.20 22.20 22.20 22.20 22.20	22.47 22.23 21.08 21.00 21.10 20.89	22.44 22.37 21.00 21.04 21.06 20.92	22.11 22.12 20.93 20.72 20.96 20.76
20MHz	16QAM	1 50 50 50 100 1	50 99 0 25 50 0 0	23.20 23.20 22.20 22.20 22.20 22.20 22.20 22.20	22.47 22.23 21.08 21.00 21.10 20.89 21.27	22.44 22.37 21.00 21.04 21.06 20.92 21.26	22.11 22.12 20.93 20.72 20.96 20.76 21.31
20MHz	16QAM 64QAM	1 50 50 50 100 1 1	50 99 0 25 50 0 0 50	23.20 23.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20	22.47 22.23 21.08 21.00 21.10 20.89 21.27 21.49	22.44 22.37 21.00 21.04 21.06 20.92 21.26 21.31	22.11 22.12 20.93 20.72 20.96 20.76 21.31 21.30
20MHz		1 50 50 50 100 1 1 1	50 99 0 25 50 0 0 50 99	23.20 23.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20	22.47 22.23 21.08 21.00 21.10 20.89 21.27 21.49 21.37	22.44 22.37 21.00 21.04 21.06 20.92 21.26 21.31 21.25	22.11 22.12 20.93 20.72 20.96 20.76 21.31 21.30 21.12
20MHz		1 50 50 50 100 1 1 1 50	50 99 0 25 50 0 0 50 99 0	23.20 23.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 21.20	22.47 22.23 21.08 21.00 21.10 20.89 21.27 21.49 21.37 20.16	22.44 22.37 21.00 21.04 21.06 20.92 21.26 21.31 21.25 20.09	22.11 22.12 20.93 20.72 20.96 20.76 21.31 21.30 21.12 19.85

Table 47: Test results conducted power measurement of LTE Band 2 (Full Power)



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiutin	Modulation	ND SIZE	ND UISEL	Max.	18607CH	18900CH	19193CH
		1	0	22.70	21.86	21.71	21.56
		1	3	22.70	21.85	21.69	21.57
		1	5	22.70	21.85	21.72	21.52
	QPSK	3	0	22.70	21.85	21.74	21.67
		3	2	22.70	21.93	21.61	21.56
		3	3	22.70	21.77	21.60	21.55
		6	0	22.70	21.87	21.70	21.67
		1	0	22.70	21.87	21.71	21.50
		1	3	22.70	21.77	21.52	21.66
		1	5	22.70	21.79	21.53	21.73
1.4MHz	16QAM	3	0	22.70	21.71	21.68	21.52
		3	2	22.70	21.74	21.59	21.52
		3	3	22.70	21.73	21.60	21.53
		6	0	22.20	21.18	21.11	21.05
		1	0	22.20	21.37	21.38	21.11
		1	3	22.20	21.41	21.39	21.12
		1	5	22.20	21.37	21.35	21.20
	64QAM	3	0	22.20	21.15	21.11	20.99
		3	2	22.20	21.30	21.17	20.93
		3	3	22.20	21.19	21.12	21.10
		6	0	21.20	20.17	20.12	20.04
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danawidin	Modulation		IND ONSEL	Max.	18615CH	18900CH	19185CH
		1	0	22.70	21.66	21.64	21.65
		1	7	22.70	21.89	21.66	21.46
		1	14	22.70	21.59	21.62	21.51
	QPSK	8	0	22.70	21.73	21.62	21.52
		8	4	22.70	04 75		
					21.75	21.62	21.50
		8	7	22.70	21.77	21.62	21.53
		15	7 0	22.70 22.70	21.77 21.79	21.62 21.65	21.53 21.59
			7	22.70 22.70 22.70	21.77 21.79 21.91	21.62 21.65 21.85	21.53 21.59 21.65
		15 1 1	7 0 0 7	22.70 22.70 22.70 22.70	21.77 21.79 21.91 21.86	21.62 21.65 21.85 21.61	21.53 21.59 21.65 21.59
		15 1 1 1	7 0 0 7 14	22.70 22.70 22.70 22.70 22.70 22.70	21.77 21.79 21.91 21.86 21.79	21.62 21.65 21.85 21.61 21.66	21.53 21.59 21.65 21.59 21.55
3MHz	16QAM	15 1 1 1 8	7 0 0 7 14 0	22.70 22.70 22.70 22.70 22.70 22.70 22.70	21.77 21.79 21.91 21.86 21.79 21.16	21.62 21.65 21.85 21.61 21.66 21.11	21.53 21.59 21.65 21.59 21.55 20.97
3MHz	16QAM	15 1 1 1 8 8	7 0 0 7 14 0 4	22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70	21.77 21.79 21.91 21.86 21.79 21.16 21.23	21.62 21.65 21.85 21.61 21.66 21.11 21.15	21.53 21.59 21.65 21.59 21.55 20.97 20.98
3MHz	16QAM	15 1 1 1 8 8 8 8	7 0 7 14 0 4 7	22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70	21.77 21.79 21.91 21.86 21.79 21.16 21.23 21.19	21.62 21.65 21.85 21.61 21.66 21.11 21.15 21.14	21.53 21.59 21.65 21.59 21.55 20.97 20.98 20.91
3MHz	16QAM	15 1 1 1 8 8	7 0 7 14 0 4 7 0	22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70	21.77 21.79 21.91 21.86 21.79 21.16 21.23 21.19 21.20	21.62 21.65 21.85 21.61 21.66 21.11 21.15 21.14 21.08	21.53 21.59 21.65 21.59 21.55 20.97 20.98 20.91 20.93
3MHz	16QAM	15 1 1 8 8 8 8 15 1	7 0 7 14 0 4 7 0 0 0	22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70	21.77 21.79 21.91 21.86 21.79 21.16 21.23 21.19 21.20 21.43	21.62 21.65 21.85 21.61 21.66 21.11 21.15 21.14 21.08 21.34	21.53 21.59 21.65 21.59 21.55 20.97 20.98 20.91 20.93 21.04
3MHz	16QAM	15 1 1 8 8 8 8 15 1 1 1	7 0 7 14 0 4 7 0 0 0 7	22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70	21.77 21.79 21.91 21.86 21.79 21.16 21.23 21.19 21.20 21.43 21.22	21.62 21.65 21.85 21.61 21.66 21.11 21.15 21.14 21.08 21.34 21.11	21.53 21.59 21.65 21.59 21.55 20.97 20.98 20.91 20.93 21.04 21.13
3MHz		15 1 1 8 8 8 8 15 1 1 1 1	7 0 7 14 0 4 7 0 0 0 7 14	22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70	21.77 21.79 21.91 21.86 21.79 21.16 21.23 21.19 21.20 21.43 21.22 21.41	21.62 21.65 21.85 21.61 21.66 21.11 21.15 21.14 21.08 21.34 21.11 21.25	21.53 21.59 21.65 21.59 21.55 20.97 20.98 20.91 20.93 21.04 21.13 21.19
3MHz	16QAM 64QAM	15 1 1 8 8 8 15 1 1 1 1 8	7 0 7 14 0 4 7 0 0 0 7 14 0	22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70	21.77 21.79 21.91 21.86 21.79 21.16 21.23 21.19 21.20 21.43 21.22 21.41 20.17	21.62 21.65 21.85 21.61 21.66 21.11 21.15 21.14 21.08 21.34 21.34 21.25 20.18	21.53 21.59 21.65 21.59 21.55 20.97 20.98 20.91 20.93 21.04 21.13 21.19 20.04
3MHz		15 1 1 8 8 8 8 15 1 1 1 1 8 8 8	7 0 7 14 0 4 7 0 0 7 0 0 7 14 0 4	22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70	21.77 21.79 21.91 21.86 21.79 21.16 21.23 21.19 21.20 21.43 21.22 21.41 20.17 20.22	21.62 21.65 21.85 21.61 21.66 21.11 21.15 21.14 21.08 21.34 21.34 21.11 21.25 20.18 20.17	21.53 21.59 21.65 21.59 21.55 20.97 20.98 20.91 20.93 21.04 21.13 21.19 20.04 20.07
3MHz		15 1 1 8 8 8 15 1 1 1 1 8	7 0 7 14 0 4 7 0 0 0 7 14 0	22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70	21.77 21.79 21.91 21.86 21.79 21.16 21.23 21.19 21.20 21.43 21.22 21.41 20.17	21.62 21.65 21.85 21.61 21.66 21.11 21.15 21.14 21.08 21.34 21.34 21.25 20.18	21.53 21.59 21.65 21.59 21.55 20.97 20.98 20.91 20.93 21.04 21.13 21.19 20.04



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwidin	INDUUIATION	IND SIZE	IND UIISEL	Max.	18625CH	18900CH	19175CH
		1	0	22.70	21.78	21.67	21.63
		1	13	22.70	21.86	21.71	21.61
		1	24	22.70	21.87	21.72	21.66
	QPSK	12	0	22.70	21.73	21.66	21.56
		12	6	22.70	21.75	21.67	21.58
		12	13	22.70	21.79	21.67	21.57
		25	0	22.70	21.95	21.59	21.55
		1	0	22.70	21.75	21.68	21.61
		1	13	22.70	21.72	21.80	21.51
		1	24	22.70	21.92	21.61	21.73
5MHz	16QAM	12	0	22.70	21.23	21.14	20.96
		12	6	22.70	21.20	21.12	20.99
		12	13	22.70	21.22	21.15	20.94
		25	0	22.70	21.03	21.06	20.92
		1	0	22.70	21.43	21.18	21.17
		1	13	22.70	21.53	21.21	21.19
		1	24	22.70	21.31	21.30	21.18
	64QAM	12	0	21.20	20.25	20.17	20.05
		12	6	21.20	20.25	20.18	20.08
		12	13	21.20	20.23	20.18	20.00
		25	0	21.20	20.38	20.11	20.06
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiuti	INDUUIATION	IND SIZE	KD UIISet	Max.	18650CH	18900CH	19150CH
		1	0	22.70	21.83	21.52	21.65
		1	25	22.70	21.82	21.61	21.43
		1	40	00.70	04.04		
			49	22.70	21.81	21.75	21.48
	QPSK	25	49 0	22.70	21.81 21.77	21.75 21.46	21.48 21.48
	QPSK						
	QPSK	25	0	22.70	21.77	21.46	21.48
	QPSK	25 25	0 13	22.70 22.70	21.77 21.69	21.46 21.48	21.48 21.63
	QPSK	25 25 25	0 13 25	22.70 22.70 22.70	21.77 21.69 21.71	21.46 21.48 21.54	21.48 21.63 21.48
	QPSK	25 25 25 50	0 13 25 0	22.70 22.70 22.70 22.70	21.77 21.69 21.71 21.72	21.46 21.48 21.54 21.50	21.48 21.63 21.48 21.45
	QPSK	25 25 25 50 1	0 13 25 0 0	22.70 22.70 22.70 22.70 22.70 22.70	21.77 21.69 21.71 21.72 21.88	21.46 21.48 21.54 21.50 21.62	21.48 21.63 21.48 21.45 21.71
10MHz	QPSK 16QAM	25 25 25 50 1 1	0 13 25 0 0 25	22.70 22.70 22.70 22.70 22.70 22.70 22.70	21.77 21.69 21.71 21.72 21.88 22.05	21.46 21.48 21.54 21.50 21.62 21.86	21.48 21.63 21.48 21.45 21.71 21.75
10MHz		25 25 25 50 1 1 1	0 13 25 0 0 25 49	22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70	21.77 21.69 21.71 21.72 21.88 22.05 21.93	21.46 21.48 21.54 21.50 21.62 21.86 21.69	21.48 21.63 21.48 21.45 21.71 21.75 21.50
10MHz		25 25 25 50 1 1 1 25	0 13 25 0 0 25 49 0	22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70	21.77 21.69 21.71 21.72 21.88 22.05 21.93 21.20	21.46 21.48 21.54 21.50 21.62 21.86 21.69 21.03	21.48 21.63 21.48 21.45 21.71 21.75 21.50 21.15
10MHz		25 25 50 1 1 1 25 25 25	0 13 25 0 0 25 49 0 13	22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70	21.77 21.69 21.71 21.72 21.88 22.05 21.93 21.20 21.09	21.46 21.48 21.54 21.50 21.62 21.86 21.69 21.03 21.03	21.48 21.63 21.48 21.45 21.71 21.75 21.50 21.15 21.09
10MHz		25 25 50 1 1 1 25 25 25 25	0 13 25 0 0 25 49 0 13 25	22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70	21.77 21.69 21.71 21.72 21.88 22.05 21.93 21.20 21.09 21.32	21.46 21.48 21.54 21.50 21.62 21.86 21.69 21.03 21.03 21.03	21.48 21.63 21.48 21.45 21.71 21.75 21.50 21.15 21.09 20.97
10MHz		25 25 50 1 1 1 25 25 25 25	0 13 25 0 0 25 49 0 13 25 0	22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70	21.77 21.69 21.71 21.72 21.88 22.05 21.93 21.20 21.09 21.32 20.98	21.46 21.48 21.54 21.50 21.62 21.62 21.69 21.03 21.03 21.03 20.99	21.48 21.63 21.48 21.45 21.71 21.75 21.50 21.15 21.09 20.97 21.13
10MHz		25 25 50 1 1 25 25 25 25 25 50 1	0 13 25 0 0 25 49 0 13 25 0 0	22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70	21.77 21.69 21.71 21.72 21.88 22.05 21.93 21.20 21.09 21.32 20.98 21.49	21.46 21.48 21.54 21.50 21.62 21.62 21.69 21.03 21.03 21.03 20.99 21.21	21.48 21.63 21.48 21.45 21.71 21.75 21.50 21.15 21.09 20.97 21.13 21.06
10MHz		25 25 50 1 1 1 25 25 25 25 50 1 1	0 13 25 0 25 49 0 13 25 0 0 0 25	22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70	21.77 21.69 21.71 21.72 21.88 22.05 21.93 21.20 21.09 21.32 20.98 21.49 21.33	21.46 21.48 21.54 21.50 21.62 21.62 21.69 21.03 21.03 21.03 21.03 20.99 21.21 21.24	21.48 21.63 21.48 21.45 21.71 21.75 21.50 21.15 21.09 20.97 21.13 21.06 21.08
10MHz	16QAM	25 25 50 1 1 1 25 25 25 50 1 1 1	0 13 25 0 0 25 49 0 13 25 0 0 25 49	22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70	21.77 21.69 21.71 21.72 21.88 22.05 21.93 21.20 21.09 21.32 20.98 21.49 21.33 21.37	21.46 21.48 21.54 21.50 21.62 21.86 21.69 21.03 21.03 21.03 21.03 20.99 21.21 21.24 21.24 21.19	21.48 21.63 21.48 21.45 21.71 21.75 21.50 21.15 21.09 20.97 21.13 21.06 21.08 20.92
10MHz	16QAM	25 25 50 1 1 1 25 25 25 50 1 1 1 25	0 13 25 0 25 49 0 13 25 0 0 25 0 0 25 49 0	22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70	21.77 21.69 21.71 21.72 21.88 22.05 21.93 21.20 21.09 21.32 20.98 21.49 21.33 21.37 20.36	21.46 21.48 21.54 21.50 21.62 21.62 21.69 21.03 21.03 21.03 20.99 21.21 21.24 21.19 20.10	21.48 21.63 21.48 21.45 21.71 21.75 21.50 21.15 21.09 20.97 21.13 21.06 21.08 20.92 20.22



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwium	wouldtion	IND SIZE	IND UIISEL	Max.	18675CH	18900CH	19125CH
		1	0	22.70	21.66	21.73	21.53
		1	38	22.70	21.66	21.74	21.52
		1	74	22.70	21.94	21.72	21.55
	QPSK	36	0	22.70	21.78	21.66	21.52
		36	18	22.70	21.77	21.66	21.50
		36	39	22.70	21.79	21.74	21.54
		75	0	22.70	21.94	21.53	21.61
		1	0	22.70	21.94	21.84	21.43
		1	38	22.70	21.97	21.71	21.78
		1	74	22.70	22.03	21.73	21.69
15MHz	16QAM	36	0	22.70	21.15	21.07	21.09
		36	18	22.70	21.21	21.11	20.89
		36	39	22.70	21.21	21.07	21.08
		75	0	22.70	21.06	20.96	21.11
		1	0	22.70	21.49	21.36	21.14
		1	38	22.70	21.31	21.30	21.17
		1	74	22.70	21.24	21.24	20.94
	64QAM	36	0	21.20	20.25	20.17	20.20
		36	18	21.20	20.25	20.14	20.19
		36	39	21.20	20.27	20.17	20.17
		75	0	21.20	20.19	20.14	20.04
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiutri	wooulation	KD SIZE	RD UIISEL	Max.	18700CH	18900CH	19100CH
		1	0	22.70	21.85	21.86	21.78
		1	50	22.70	22.02	21.84	21.76
		1	99	22.70	21.90	21.86	21.77
	QPSK	50	0	22.70	21.77	21.70	21.49
		50	25	22.70	21.75	21.68	21.51
		50	50	22.70	21.76	21.65	21.51
						21100	
		100	0	22.70	21.76	21.56	21.52
		100 1	0 0				
				22.70	21.76	21.56	21.52
		1	0	22.70 22.70	21.76 22.05	21.56 21.91	21.52 21.76
20MHz	16QAM	1 1	0 50	22.70 22.70 22.70	21.76 22.05 22.11	21.56 21.91 21.85	21.52 21.76 21.80
20MHz	16QAM	1 1 1	0 50 99	22.70 22.70 22.70 22.70	21.76 22.05 22.11 22.04	21.56 21.91 21.85 21.78	21.52 21.76 21.80 21.83
20MHz	16QAM	1 1 1 50	0 50 99 0	22.70 22.70 22.70 22.70 22.70 22.70	21.76 22.05 22.11 22.04 21.18	21.56 21.91 21.85 21.78 21.26	21.52 21.76 21.80 21.83 20.95
20MHz	16QAM	1 1 1 50 50	0 50 99 0 25	22.70 22.70 22.70 22.70 22.70 22.70 22.70	21.76 22.05 22.11 22.04 21.18 21.19	21.56 21.91 21.85 21.78 21.26 21.08	21.52 21.76 21.80 21.83 20.95 20.97 20.94 20.96
20MHz	16QAM	1 1 50 50 50	0 50 99 0 25 50	22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70	21.76 22.05 22.11 22.04 21.18 21.19 21.16	21.56 21.91 21.85 21.78 21.26 21.08 21.14	21.52 21.76 21.80 21.83 20.95 20.97 20.94
20MHz	16QAM	1 1 50 50 50	0 50 99 0 25 50 0	22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70	21.76 22.05 22.11 22.04 21.18 21.19 21.16 21.12	21.56 21.91 21.85 21.78 21.26 21.08 21.14 21.04	21.52 21.76 21.80 21.83 20.95 20.97 20.94 20.96
20MHz	16QAM	1 1 50 50 50 100 1	0 50 99 0 25 50 0 0	22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70	21.76 22.05 22.11 22.04 21.18 21.19 21.16 21.12 21.40	21.56 21.91 21.85 21.78 21.26 21.08 21.14 21.04 21.60	21.52 21.76 21.80 21.83 20.95 20.97 20.94 20.96 21.49
20MHz	16QAM 64QAM	1 1 50 50 50 100 1 1	0 50 99 0 25 50 0 0 50	22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70	21.76 22.05 22.11 22.04 21.18 21.19 21.16 21.12 21.40 21.46	21.56 21.91 21.85 21.78 21.26 21.08 21.14 21.04 21.60 21.30	21.52 21.76 21.80 21.83 20.95 20.97 20.94 20.96 21.49 21.48
20MHz		1 1 50 50 50 100 1 1 1	0 50 99 0 25 50 0 0 50 99	22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70	21.76 22.05 22.11 22.04 21.18 21.19 21.16 21.12 21.40 21.40 21.46 21.50	21.56 21.91 21.85 21.78 21.26 21.08 21.14 21.04 21.60 21.30 21.51	21.52 21.76 21.80 21.83 20.95 20.97 20.94 20.96 21.49 21.48 21.43
20MHz		$ \begin{array}{r} 1 \\ 1 \\ 50 \\ 50 \\ 50 \\ 100 \\ 1 \\ 1 \\ 50 \\ \end{array} $	0 50 99 0 25 50 0 0 50 99 0	22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70	21.76 22.05 22.11 22.04 21.18 21.19 21.16 21.12 21.40 21.40 21.50 20.27	21.56 21.91 21.85 21.78 21.26 21.08 21.14 21.04 21.60 21.30 21.51 20.31	21.52 21.76 21.80 21.83 20.95 20.97 20.94 20.96 21.49 21.48 21.43 19.97

Table 48: Test results conducted power measurement of LTE Band 2 (Reduced Power Level D1)



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiutin	Modulation	ND SIZE	ND UIISEL	Max.	18607CH	18900CH	19193CH
		1	0	21.70	20.83	20.75	20.64
		1	3	21.70	20.82	20.77	20.71
		1	5	21.70	20.95	20.74	20.71
	QPSK	3	0	21.70	20.80	20.82	20.71
		3	2	21.70	20.75	20.73	20.70
		3	3	21.70	20.87	20.74	20.69
		6	0	21.70	20.97	20.78	20.72
		1	0	21.70	20.97	20.89	20.87
		1	3	21.70	20.87	20.81	20.71
		1	5	21.70	20.96	20.90	20.70
1.4MHz	16QAM	3	0	21.70	20.79	20.63	20.69
		3	2	21.70	20.78	20.70	20.68
		3	3	21.70	20.86	20.71	20.65
	6	0	21.70	20.64	20.65	20.66	
		1	0	21.70	20.84	20.86	20.82
		1	3	21.70	20.90	20.92	20.81
		1	5	21.70	20.88	20.91	20.74
	64QAM	3	0	21.70	20.73	20.74	20.57
		3	2	21.70	20.88	20.73	20.56
		3	3	21.70	20.73	20.59	20.65
		6	0	21.20	20.13	20.07	19.98
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danawidin	modulation		IND ONSEL	Max.	18615CH	18900CH	19185CH
		1	0	21.70	20.85	20.75	20.72
		1	7	21.70	20.84	20.76	20.62
		1	14	21.70	20.84	20.77	20.61
	QPSK	8	0	04 70	00 70		
			0	21.70	20.73	20.65	20.54
		8	4	21.70 21.70	20.84	20.67	20.54
		8 8		21.70 21.70	20.84 20.75	20.67 20.63	20.54 20.67
		8 8 15	4 7 0	21.70 21.70 21.70	20.84 20.75 20.77	20.67 20.63 20.68	20.54 20.67 20.81
		8 8	4 7	21.70 21.70 21.70 21.70	20.84 20.75 20.77 20.79	20.67 20.63 20.68 20.68	20.54 20.67 20.81 20.71
		8 8 15	4 7 0	21.70 21.70 21.70 21.70 21.70 21.70	20.84 20.75 20.77 20.79 20.94	20.67 20.63 20.68 20.68 20.76	20.54 20.67 20.81 20.71 20.67
		8 8 15 1 1 1 1	4 7 0 0 7 14	21.70 21.70 21.70 21.70 21.70 21.70 21.70	20.84 20.75 20.77 20.79 20.94 20.98	20.67 20.63 20.68 20.68 20.76 20.87	20.54 20.67 20.81 20.71 20.67 20.68
3MHz	16QAM	8 8 15 1 1 1 8	4 7 0 0 7 14 0	21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70	20.84 20.75 20.77 20.79 20.94 20.98 20.75	20.67 20.63 20.68 20.68 20.76 20.87 20.64	20.54 20.67 20.81 20.71 20.67 20.68 20.49
3MHz	16QAM	8 8 15 1 1 1 8 8	4 7 0 0 7 14 0 4	21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70	20.84 20.75 20.77 20.79 20.94 20.98 20.75 20.74	20.67 20.63 20.68 20.68 20.76 20.87 20.64 20.60	20.54 20.67 20.81 20.71 20.67 20.68 20.49 20.47
3MHz	16QAM	8 8 15 1 1 1 8 8 8 8	4 7 0 0 7 14 0 4 7	21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70	20.84 20.75 20.77 20.79 20.94 20.98 20.75 20.74 20.70	20.67 20.63 20.68 20.76 20.87 20.64 20.60 20.65	20.54 20.67 20.81 20.71 20.67 20.68 20.49 20.47 20.50
3MHz	16QAM	8 8 15 1 1 1 8 8	4 7 0 7 14 0 4 7 0	21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70	20.84 20.75 20.77 20.79 20.94 20.98 20.75 20.74 20.70 20.71	20.67 20.63 20.68 20.76 20.87 20.64 20.60 20.65 20.64	20.54 20.67 20.81 20.71 20.67 20.68 20.49 20.47 20.50 20.51
3MHz	16QAM	8 8 15 1 1 1 8 8 8 8	4 7 0 7 14 0 4 7 0 0 0	21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70	20.84 20.75 20.77 20.79 20.94 20.98 20.75 20.74 20.70 20.71 20.79	20.67 20.63 20.68 20.76 20.87 20.64 20.60 20.65 20.64 20.69	20.54 20.67 20.81 20.71 20.67 20.68 20.49 20.49 20.47 20.50 20.51 20.62
3MHz	16QAM	8 8 15 1 1 1 8 8 8 8 15 1 1	4 7 0 7 14 0 4 7 0 0 0 7	21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70	20.84 20.75 20.77 20.79 20.94 20.98 20.75 20.74 20.70 20.71 20.79 20.81	20.67 20.63 20.68 20.76 20.87 20.64 20.60 20.65 20.64 20.69 20.79	20.54 20.67 20.81 20.71 20.67 20.68 20.49 20.47 20.50 20.51 20.62 20.65
3MHz		8 8 15 1 1 1 8 8 8 8 15 1 1 1 1	4 7 0 7 14 0 4 7 0 0 0 7 14	21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70	20.84 20.75 20.77 20.79 20.94 20.98 20.75 20.74 20.70 20.71 20.79 20.81 20.90	20.67 20.63 20.68 20.76 20.87 20.64 20.60 20.65 20.64 20.69 20.79 20.79 20.86	20.54 20.67 20.81 20.71 20.67 20.68 20.49 20.47 20.50 20.51 20.62 20.65 20.58
3MHz	16QAM 64QAM	8 8 15 1 1 1 8 8 8 15 15 1 1 1 8	4 7 0 7 14 0 4 7 0 0 0 7	21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70	20.84 20.75 20.77 20.79 20.94 20.98 20.75 20.74 20.70 20.71 20.79 20.81 20.90 20.20	20.67 20.63 20.68 20.76 20.87 20.64 20.60 20.65 20.64 20.69 20.79 20.86 20.86 20.08	20.54 20.67 20.81 20.71 20.67 20.68 20.49 20.49 20.47 20.50 20.51 20.62 20.65 20.58 20.05
3MHz		8 8 15 1 1 1 8 8 8 8 15 1 1 1 1 8 8 8	4 7 0 0 7 14 0 4 7 0 0 7 0 7 14 0 4	21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.20	20.84 20.75 20.77 20.79 20.94 20.98 20.75 20.74 20.70 20.71 20.79 20.81 20.90 20.20 20.23	20.67 20.63 20.68 20.76 20.87 20.64 20.60 20.65 20.64 20.69 20.79 20.79 20.86 20.08 20.08	20.54 20.67 20.81 20.71 20.67 20.68 20.49 20.47 20.50 20.51 20.62 20.65 20.65 20.58 20.05 20.08
3MHz		8 8 15 1 1 1 8 8 8 15 15 1 1 1 8	4 7 0 7 14 0 4 7 0 0 7 0 7 14 0	21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70	20.84 20.75 20.77 20.79 20.94 20.98 20.75 20.74 20.70 20.71 20.79 20.81 20.90 20.20	20.67 20.63 20.68 20.76 20.87 20.64 20.60 20.65 20.64 20.69 20.79 20.86 20.86 20.08	20.54 20.67 20.81 20.71 20.67 20.68 20.49 20.49 20.47 20.50 20.51 20.62 20.65 20.58 20.05



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiutin	wouldtion	ND SIZE	KD UIISEL	Max.	18625CH	18900CH	19175CH
		1	0	21.70	20.86	20.72	20.67
		1	13	21.70	20.86	20.79	20.65
		1	24	21.70	20.92	20.73	20.65
	QPSK	12	0	21.70	20.75	20.74	20.66
		12	6	21.70	20.74	20.75	20.67
		12	13	21.70	20.86	20.74	20.67
		25	0	21.70	20.95	20.61	20.54
		1	0	21.70	21.06	20.74	20.87
		1	13	21.70	20.96	20.69	20.61
		1	24	21.70	20.91	20.88	20.63
5MHz	16QAM	12	0	21.70	20.74	20.61	20.54
		12	6	21.70	20.71	20.63	20.54
		12	13	21.70	20.73	20.60	20.52
		25	0	21.70	20.80	20.57	20.62
		1	0	21.70	20.84	20.85	20.57
		1	13	21.70	20.78	20.71	20.52
		1	24	21.70	20.90	20.79	20.66
	64QAM	12	0	21.20	20.31	20.14	20.05
		12	6	21.20	20.29	20.16	20.04
		12	13	21.20	20.27	20.13	20.06
		25	0	21.20	20.36	20.11	19.97
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danawidin	Modulation		IND ONSEL	Max.	18650CH	18900CH	19150CH
		1	0	21.70	20.85	20.57	20.69
		1	25	21.70	20.90	20.71	20.57
		1	49	21.70	20.81	20.76	20.68
	QPSK	25	0	21.70	20.80	20.44	20.62
		25	13	21.70	20.78	20.53	20.63
		25	05				
			25	21.70	20.76	20.56	20.63
		50	0	21.70	20.74	20.53	20.53
			0 0	21.70 21.70	20.74 20.90	20.53 21.03	20.53 20.86
		50	0	21.70	20.74 20.90 20.80	20.53 21.03 20.90	20.53 20.86 20.48
		50 1 1 1	0 0	21.70 21.70 21.70 21.70	20.74 20.90 20.80 20.87	20.53 21.03 20.90 20.78	20.53 20.86 20.48 20.46
10MHz	16QAM	50 1 1 1 25	0 0 25 49 0	21.70 21.70 21.70 21.70 21.70 21.70	20.74 20.90 20.80 20.87 20.72	20.53 21.03 20.90 20.78 20.56	20.53 20.86 20.48 20.46 20.61
10MHz	16QAM	50 1 1 25 25	0 0 25 49 0 13	21.70 21.70 21.70 21.70 21.70 21.70 21.70	20.74 20.90 20.80 20.87 20.72 20.62	20.53 21.03 20.90 20.78 20.56 20.53	20.53 20.86 20.48 20.46 20.61 20.59
10MHz	16QAM	50 1 1 25 25 25 25	0 0 25 49 0 13 25	21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70	20.74 20.90 20.80 20.87 20.72 20.62 20.83	20.53 21.03 20.90 20.78 20.56 20.53 20.58	20.53 20.86 20.48 20.46 20.61 20.59 20.43
10MHz	16QAM	50 1 1 25 25	0 0 25 49 0 13 25 0	21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70	20.74 20.90 20.80 20.87 20.72 20.62 20.83 20.52	20.53 21.03 20.90 20.78 20.56 20.53 20.58 20.48	20.53 20.86 20.48 20.46 20.61 20.59 20.43 20.64
10MHz	16QAM	50 1 1 25 25 25 25	0 0 25 49 0 13 25 0 0	21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70	20.74 20.90 20.80 20.87 20.72 20.62 20.83 20.52 20.95	20.53 21.03 20.90 20.78 20.56 20.53 20.58 20.48 20.79	20.53 20.86 20.48 20.46 20.61 20.59 20.43 20.64 20.64 20.48
10MHz	16QAM	50 1 1 25 25 25 25 50 1 1	0 0 25 49 0 13 25 0 0 25	21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70	20.74 20.90 20.80 20.87 20.72 20.62 20.83 20.52 20.95 20.91	20.53 21.03 20.90 20.78 20.56 20.53 20.58 20.48 20.79 20.72	20.53 20.86 20.48 20.46 20.61 20.59 20.43 20.64 20.48 20.48
10MHz		50 1 1 25 25 25 50 1 1 1	0 0 25 49 0 13 25 0 0 25 49	21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70	20.74 20.90 20.80 20.87 20.72 20.62 20.83 20.52 20.95 20.91 20.81	20.53 21.03 20.90 20.78 20.56 20.53 20.58 20.48 20.79 20.72 20.72	20.53 20.86 20.48 20.46 20.61 20.59 20.43 20.64 20.48 20.48 20.48 20.55
10MHz	16QAM 64QAM	50 1 1 25 25 25 50 1 1 1 25	0 0 25 49 0 13 25 0 0 25 49 0	21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70	20.74 20.90 20.80 20.87 20.72 20.62 20.83 20.52 20.95 20.91 20.81 20.34	20.53 21.03 20.90 20.78 20.56 20.53 20.58 20.48 20.79 20.72 20.72 20.72 20.06	20.53 20.86 20.48 20.46 20.61 20.59 20.43 20.64 20.48 20.48 20.55 20.21
10MHz		50 1 1 25 25 25 50 1 1 1 25 25 25	0 0 25 49 0 13 25 0 0 25 49 0 13	21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70	20.74 20.90 20.80 20.87 20.72 20.62 20.83 20.52 20.95 20.95 20.91 20.81 20.34 20.33	20.53 21.03 20.90 20.78 20.56 20.53 20.58 20.48 20.79 20.72 20.72 20.72 20.06 20.09	20.53 20.86 20.48 20.46 20.61 20.59 20.43 20.64 20.48 20.48 20.48 20.55 20.21 19.92
10MHz		50 1 1 25 25 25 50 1 1 1 25	0 0 25 49 0 13 25 0 0 25 49 0	21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.20	20.74 20.90 20.80 20.87 20.72 20.62 20.83 20.52 20.95 20.91 20.81 20.34	20.53 21.03 20.90 20.78 20.56 20.53 20.58 20.48 20.79 20.72 20.72 20.72 20.06	20.53 20.86 20.48 20.46 20.61 20.59 20.43 20.64 20.48 20.48 20.55 20.21



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiutin	wouldtion	ND SIZE	KD UIISEL	Max.	18675CH	18900CH	19125CH
		1	0	21.70	20.91	20.81	20.63
		1	38	21.70	20.91	20.84	20.64
		1	74	21.70	20.76	20.78	20.66
	QPSK	36	0	21.70	20.87	20.81	20.61
		36	18	21.70	20.86	20.69	20.61
		36	39	21.70	20.86	20.81	20.65
		75	0	21.70	20.95	20.74	20.68
		1	0	21.70	21.04	20.78	20.73
		1	38	21.70	21.13	20.78	20.70
		1	74	21.70	20.95	20.77	20.81
15MHz	16QAM	36	0	21.70	20.72	20.64	20.48
		36	18	21.70	20.71	20.62	20.42
		36	39	21.70	20.72	20.59	20.49
		75	0	21.70	20.64	20.56	20.59
		1	0	21.70	20.98	20.92	20.68
		1	38	21.70	20.96	20.76	20.62
		1	74	21.70	20.85	20.84	20.68
	64QAM	36	0	21.20	20.24	20.18	20.15
		36	18	21.20	20.26	20.16	20.15
		36	39	21.20	20.23	20.17	20.18
		75	0	21.20	20.22	20.08	20.05
				Tune-up	Channel	Channel	Channel
	Modulotion	DD oizo	DD offeet	i ano ap	Onamion	Oricaninoi	Onlarinton
Bandwidth	Modulation	RB size	RB offset	Max.	18700CH	18900CH	19100CH
Bandwidth	Modulation	RB size	RB offset 0		18700CH 21.11	18900CH 20.95	19100CH 20.88
Bandwidth	Modulation	1 1		Max.	18700CH 21.11 21.12	18900CH 20.95 20.98	19100CH
Bandwidth	Modulation	1	0	Max. 21.70	18700CH 21.11	18900CH 20.95 20.98 20.98	19100CH 20.88
Bandwidth	QPSK	1 1	0 50	Max. 21.70 21.70	18700CH 21.11 21.12	18900CH 20.95 20.98	19100CH 20.88 20.80 20.85 20.54
Bandwidth		1 1 1	0 50 99	Max. 21.70 21.70 21.70	18700CH 21.11 21.12 21.07	18900CH 20.95 20.98 20.98	19100CH 20.88 20.80 20.85
Bandwidth		1 1 1 50	0 50 99 0	Max. 21.70 21.70 21.70 21.70 21.70 21.70 21.70	18700CH 21.11 21.12 21.07 20.80 20.80 20.81	18900CH 20.95 20.98 20.98 20.85	19100CH 20.88 20.80 20.85 20.54
Bandwidth		1 1 1 50 50	0 50 99 0 25	Max. 21.70 21.70 21.70 21.70 21.70 21.70	18700CH 21.11 21.12 21.07 20.80 20.80	18900CH 20.95 20.98 20.98 20.85 20.66	19100CH 20.88 20.80 20.85 20.54 20.65
Bandwidth		1 1 50 50 50	0 50 99 0 25 50	Max. 21.70 21.70 21.70 21.70 21.70 21.70 21.70	18700CH 21.11 21.12 21.07 20.80 20.80 20.81	18900CH 20.95 20.98 20.98 20.85 20.66 20.65	19100CH 20.88 20.80 20.85 20.54 20.65 20.64
Bandwidth		1 1 50 50 50 100	0 50 99 0 25 50 0	Max. 21.70 21.70 21.70 21.70 21.70 21.70 21.70	18700CH 21.11 21.07 20.80 20.80 20.81 20.74	18900CH 20.95 20.98 20.98 20.85 20.66 20.65 20.61	19100CH 20.88 20.80 20.85 20.54 20.65 20.64 20.57
Bandwidth		1 1 50 50 50 100 1	0 50 99 0 25 50 0 0	Max. 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70	18700CH 21.11 21.07 20.80 20.80 20.80 20.74 21.25	18900CH 20.95 20.98 20.98 20.85 20.66 20.65 20.61 20.97	19100CH 20.88 20.80 20.85 20.54 20.65 20.64 20.57 20.97
20MHz		1 1 50 50 50 100 1 1	0 50 99 0 25 50 0 0 50	Max. 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70	18700CH 21.11 21.12 21.07 20.80 20.80 20.81 20.74 21.25 21.11	18900CH 20.95 20.98 20.98 20.85 20.66 20.65 20.61 20.97 21.10	19100CH 20.88 20.80 20.85 20.54 20.65 20.64 20.57 20.97 21.01
	QPSK	1 1 50 50 50 100 1 1 1	0 50 99 0 25 50 0 0 50 99	Max. 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70	18700CH 21.11 21.07 20.80 20.80 20.81 20.74 21.25 21.11 21.14	18900CH 20.95 20.98 20.98 20.66 20.65 20.61 20.97 21.10 21.16	19100CH 20.88 20.80 20.85 20.54 20.65 20.64 20.57 20.97 21.01 20.88
	QPSK	1 1 50 50 50 100 1 1 1 50	0 50 99 0 25 50 0 0 50 99 99 0	Max. 21.70	18700CH 21.11 21.07 20.80 20.80 20.74 21.25 21.11 21.14 20.79	18900CH 20.95 20.98 20.98 20.85 20.66 20.65 20.61 20.97 21.10 21.16 20.75	19100CH 20.88 20.80 20.85 20.54 20.65 20.64 20.57 20.97 21.01 20.88 20.45
	QPSK	1 1 50 50 50 100 1 1 1 50 50	0 50 99 0 25 50 0 0 50 99 0 25	Max. 21.70	18700CH 21.11 21.12 21.07 20.80 20.80 20.74 21.25 21.11 21.14 20.79 20.80	18900CH 20.95 20.98 20.98 20.65 20.65 20.61 20.97 21.10 21.16 20.75 20.61	19100CH 20.88 20.80 20.85 20.54 20.65 20.64 20.57 20.97 21.01 20.88 20.45 20.44
	QPSK	$ \begin{array}{r} 1\\ 1\\ 50\\ 50\\ 50\\ 100\\ 1\\ 1\\ 1\\ 50\\ 50\\ 50\\ 50\\ \end{array} $	0 50 99 0 25 50 0 0 50 99 0 25 50	Max. 21.70	18700CH 21.11 21.12 21.07 20.80 20.81 20.74 21.25 21.11 21.14 20.79 20.80	18900CH 20.95 20.98 20.98 20.66 20.65 20.61 20.75 20.61	19100CH 20.88 20.80 20.85 20.54 20.65 20.64 20.57 20.97 21.01 20.88 20.45 20.44 20.50
	QPSK	$ \begin{array}{r} 1\\ 1\\ 50\\ 50\\ 50\\ 100\\ 1\\ 1\\ 1\\ 50\\ 50\\ 50\\ 50\\ \end{array} $	0 50 99 0 25 50 0 0 50 99 0 25 50 0	Max. 21.70	18700CH 21.11 21.12 21.07 20.80 20.80 20.74 21.25 21.11 21.14 20.79 20.80 20.66 20.63	18900CH 20.95 20.98 20.98 20.85 20.66 20.65 20.61 20.97 21.10 21.16 20.75 20.61 20.62 20.74	19100CH 20.88 20.80 20.85 20.54 20.65 20.64 20.57 20.97 21.01 20.88 20.45 20.44 20.50 20.47
	QPSK	$ \begin{array}{r} 1\\ 1\\ 50\\ 50\\ 50\\ 100\\ 1\\ 1\\ 1\\ 50\\ 50\\ 50\\ 50\\ 100\\ 1\\ 1 \end{array} $	0 50 99 0 25 50 0 0 50 99 0 25 50 0 25 50 0 0	Max. 21.70	18700CH 21.11 21.12 21.07 20.80 20.81 20.74 21.25 21.11 21.14 20.79 20.80 20.66 20.63 21.10	18900CH 20.95 20.98 20.98 20.85 20.66 20.65 20.61 20.97 21.10 21.16 20.75 20.61 20.62 20.74 20.74 21.06	19100CH 20.88 20.80 20.85 20.54 20.65 20.64 20.57 20.97 21.01 20.88 20.45 20.45 20.44 20.50 20.47 20.91
	QPSK	$ \begin{array}{r} 1\\ 1\\ 50\\ 50\\ 50\\ 100\\ 1\\ 1\\ 1\\ 50\\ 50\\ 50\\ 50\\ 100\\ 1\\ 1\\ 1\\ 1 \end{array} $	0 50 99 0 25 50 0 0 50 99 0 25 50 0 0 0 50 50	Max. 21.70	18700CH 21.11 21.12 21.07 20.80 20.80 20.74 21.25 21.11 21.14 20.79 20.80 20.66 20.63 21.10 21.00	18900CH 20.95 20.98 20.98 20.65 20.61 20.75 20.61 20.75 20.61 20.75 20.61 20.75 20.61	19100CH 20.88 20.80 20.85 20.54 20.64 20.57 20.97 21.01 20.88 20.45 20.45 20.44 20.50 20.47 20.91 21.05
	QPSK 16QAM	$ \begin{array}{r} 1\\ 1\\ 50\\ 50\\ 50\\ 100\\ 1\\ 1\\ 1\\ 50\\ 50\\ 50\\ 50\\ 100\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1 \end{array} $	0 50 99 0 25 50 0 0 50 99 0 25 50 0 25 50 0 0 50 99	Max. 21.70	18700CH 21.11 21.12 21.07 20.80 20.81 20.74 21.25 21.11 21.14 20.79 20.80 20.66 20.63 21.10 21.10	18900CH 20.95 20.98 20.98 20.66 20.65 20.61 20.75 20.61 20.75 20.62 20.74 21.05 20.792	19100CH 20.88 20.80 20.85 20.54 20.65 20.64 20.57 20.97 21.01 20.88 20.45 20.44 20.50 20.47 20.91 21.05 20.97
	QPSK 16QAM	$ \begin{array}{r} 1 \\ 1 \\ 50 \\ 50 \\ 50 \\ 50 \\ 100 \\ 1 \\ 1 \\ 1 \\ 50 \\ 50 \\ 50 \\ 100 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 50 \\ 5$	0 50 99 0 25 50 0 0 50 99 0 25 50 0 25 50 0 0 50 99 0 0 50 99 0	Max. 21.70	18700CH 21.11 21.12 21.07 20.80 20.81 20.74 21.25 21.11 21.14 20.79 20.80 20.66 20.63 21.10 21.12 20.27	18900CH 20.95 20.98 20.98 20.66 20.65 20.61 20.97 21.10 21.16 20.75 20.61 20.75 20.61 20.75 20.61 20.73 20.74 21.05 20.92 20.32	19100CH 20.88 20.80 20.85 20.54 20.65 20.64 20.57 20.97 21.01 20.88 20.45 20.44 20.50 20.47 20.91 21.05 20.97 19.99
	QPSK 16QAM	$ \begin{array}{r} 1 \\ 1 \\ 50 \\ 50 \\ 50 \\ 50 \\ 100 \\ 1 \\ 1 \\ 1 \\ 50 \\ 50 \\ 50 \\ 100 \\ 1 \\ 1 \\ 1 \\ 1 \\ 50 \\ $	0 50 99 0 25 50 0 0 50 99 0 25 50 0 25 50 0 0 50 99 0 25 99 0 25	Max. 21.70 21.20	18700CH 21.11 21.12 21.07 20.80 20.80 20.81 20.74 21.25 21.11 21.14 20.79 20.80 20.66 20.63 21.10 21.20 20.27 20.22	18900CH 20.95 20.98 20.98 20.85 20.66 20.65 20.61 20.97 21.10 21.16 20.75 20.61 20.75 20.61 20.62 20.74 21.06 21.05 20.92 20.32 20.29	19100CH 20.88 20.80 20.85 20.54 20.65 20.64 20.57 20.97 21.01 20.88 20.45 20.45 20.44 20.50 20.47 20.91 21.05 20.97 19.99 20.03

Table 49: Test results conducted power measurement of LTE Band 2 (Reduced Power Level D3/D5/D6)



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiutin	INIOUUIATION	ND SIZE	KD UIISel	Max.	18607CH	18900CH	19193CH
		1	0	20.20	19.33	19.41	19.30
		1	3	20.20	19.58	19.41	19.26
		1	5	20.20	19.39	19.37	19.23
	QPSK	3	0	20.20	19.28	19.22	19.17
		3	2	20.20	19.35	19.34	19.14
		3	3	20.20	19.50	19.08	19.26
		6	0	20.20	19.54	19.27	19.27
		1	0	20.20	19.50	19.46	19.30
		1	3	20.20	19.58	19.40	19.31
		1	5	20.20	19.66	19.38	19.36
1.4MHz	16QAM	3	0	20.20	19.14	19.21	19.28
		3	2	20.20	19.41	19.23	19.24
		3	3	20.20	19.37	19.19	19.12
		6	0	20.20	19.28	19.23	19.10
		1	0	20.20	19.44	19.50	19.51
		1	3	20.20	19.65	19.43	19.51
		1	5	20.20	19.51	19.46	19.36
	64QAM	3	0	20.20	19.20	19.35	19.22
		3	2	20.20	19.35	19.27	19.20
		3	3	20.20	19.26	19.36	19.07
		6	0	20.20	19.14	19.12	19.10
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danawidin	Modulation	110 3120	TE Oliset	Max.	18615CH	18900CH	19185CH
		1	0	20.20	19.27	19.32	19.18
		1	7	20.20	19.39	19.29	19.18
		1	14	20.20	19.21	19.34	19.21
	QPSK	8	0	20.20	19.33	19.21	19.16
		8	4	20.20	19.40	19.30	19.16
		8	7	20.20	19.35	19.22	19.20
		15	0	20.20	19.35	19.28	19.18
		1	0	20.20	19.56	19.54	19.31
		1	7	20.20	19.38	19.41	19.19
			-		10100		
		1	14	20.20	19.42	19.43	19.24
3MHz	16QAM	8			19.42 19.27	19.43 19.20	19.18
3MHz	16QAM	8 8	14 0 4	20.20 20.20 20.20	19.42 19.27 19.23	19.43 19.20 19.24	19.18 19.15
3MHz	16QAM	8 8 8	14 0	20.20 20.20	19.42 19.27 19.23 19.29	19.43 19.20 19.24 19.25	19.18 19.15 19.12
3MHz	16QAM	8 8	14 0 4 7 0	20.20 20.20 20.20 20.20 20.20	19.42 19.27 19.23 19.29 19.20	19.43 19.20 19.24 19.25 19.08	19.18 19.15 19.12 19.08
3MHz	16QAM	8 8 8	14 0 4 7 0 0	20.20 20.20 20.20 20.20	19.42 19.27 19.23 19.29 19.20 19.58	19.43 19.20 19.24 19.25 19.08 19.37	19.18 19.15 19.12 19.08 19.22
3MHz	16QAM	8 8 8	14 0 4 7 0	20.20 20.20 20.20 20.20 20.20	19.42 19.27 19.23 19.29 19.20 19.58 19.41	19.43 19.20 19.24 19.25 19.08	19.18 19.15 19.12 19.08
3MHz	16QAM	8 8 8 15 1	14 0 4 7 0 0	20.20 20.20 20.20 20.20 20.20 20.20	19.42 19.27 19.23 19.29 19.20 19.58	19.43 19.20 19.24 19.25 19.08 19.37	19.18 19.15 19.12 19.08 19.22
3MHz	16QAM 64QAM	8 8 8 15 1 1	14 0 4 7 0 0 7	20.20 20.20 20.20 20.20 20.20 20.20 20.20	19.42 19.27 19.23 19.29 19.20 19.58 19.41	19.43 19.20 19.24 19.25 19.08 19.37 19.33	19.18 19.15 19.12 19.08 19.22 19.10
3MHz		8 8 15 1 1 1 1	14 0 4 7 0 0 7 14 0 4	20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20	19.42 19.27 19.23 19.29 19.20 19.58 19.41 19.34	19.43 19.20 19.24 19.25 19.08 19.37 19.33 19.32	19.18 19.15 19.12 19.08 19.22 19.10 19.17
3MHz		8 8 15 1 1 1 8	14 0 4 7 0 0 7 14 0	20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20	19.42 19.27 19.23 19.29 19.20 19.58 19.41 19.34 19.25	19.4319.2019.2419.2519.0819.3719.3319.3219.18	19.1819.1519.1219.0819.2219.1019.1719.14



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiutin	wouldtion	ND SIZE	ND UIISEL	Max.	18625CH	18900CH	19175CH
		1	0	20.20	19.39	19.33	19.26
		1	13	20.20	19.40	19.31	19.24
		1	24	20.20	19.39	19.32	19.24
	QPSK	12	0	20.20	19.38	19.31	19.24
		12	6	20.20	19.38	19.31	19.24
		12	13	20.20	19.45	19.30	19.22
		25	0	20.20	19.48	19.15	19.10
		1	0	20.20	19.42	19.48	19.44
		1	13	20.20	19.59	19.41	19.29
		1	24	20.20	19.51	19.41	19.31
5MHz	16QAM	12	0	20.20	19.36	19.18	19.12
		12	6	20.20	19.34	19.29	19.08
		12	13	20.20	19.37	19.21	19.10
		25	0	20.20	19.12	19.05	19.15
		1	0	20.20	19.40	19.31	19.25
		1	13	20.20	19.50	19.31	19.33
		1	24	20.20	19.49	19.30	19.28
	64QAM	12	0	20.20	19.29	19.20	19.07
		12	6	20.20	19.27	19.26	19.06
		12	13	20.20	19.27	19.25	19.06
		25	0	20.20	19.36	19.11	19.05
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwidin	INOCULATION	110 3126	IND UNSEL	Max.	18650CH	18900CH	19150CH
		1	0	20.20	19.37	19.10	19.04
		1	25	20.20	19.43	19.21	19.04
		1	49	20.20	19.35	19.33	19.08
	QPSK	25	0	20.20	19.38	19.05	19.10
		25	13	20.20	19.30	19.13	19.17
		25	25	20.20	19.35	19.20	19.10
		50	0	20.20	19.25	19.09	19.02
			<u>^</u>				40.00
		1	0	20.20	19.55	19.49	19.29
		1	25	20.20	19.68	19.41	19.12
		1 1	25 49	20.20 20.20	19.68 19.54	19.41 19.53	19.12 19.40
10MHz	16QAM	1 1 25	25 49 0	20.20 20.20 20.20	19.68 19.54 19.27	19.41 19.53 19.11	19.12 19.40 19.11
10MHz	16QAM	1 1 25 25	25 49 0 13	20.20 20.20 20.20 20.20	19.68 19.54 19.27 19.21	19.41 19.53 19.11 19.10	19.12 19.40 19.11 19.07
10MHz	16QAM	1 1 25 25 25 25	25 49 0 13 25	20.20 20.20 20.20 20.20 20.20	19.68 19.54 19.27 19.21 19.32	19.41 19.53 19.11 19.10 19.08	19.12 19.40 19.11 19.07 18.99
10MHz	16QAM	1 1 25 25	25 49 0 13 25 0	20.20 20.20 20.20 20.20 20.20 20.20	19.68 19.54 19.27 19.21 19.32 19.10	19.41 19.53 19.11 19.10 19.08 19.00	19.12 19.40 19.11 19.07 18.99 19.14
10MHz	16QAM	1 25 25 25 50 1	25 49 0 13 25 0 0	20.20 20.20 20.20 20.20 20.20 20.20 20.20	19.68 19.54 19.27 19.21 19.32 19.10 19.39	19.41 19.53 19.11 19.10 19.08 19.00 19.30	19.12 19.40 19.11 19.07 18.99 19.14 19.09
10MHz	16QAM	1 25 25 25 50 1 1	25 49 0 13 25 0 0 25	20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20	19.68 19.54 19.27 19.21 19.32 19.10 19.39 19.45	19.41 19.53 19.11 19.10 19.08 19.00 19.30 19.34	19.1219.4019.1119.0718.9919.1419.0919.11
10MHz		1 25 25 25 50 1 1 1	25 49 0 13 25 0 0 25 49	20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20	19.68 19.54 19.27 19.21 19.32 19.10 19.39 19.45 19.50	19.41 19.53 19.11 19.00 19.08 19.00 19.30 19.34 19.31	19.12 19.40 19.11 19.07 18.99 19.14 19.09 19.11 19.06
10MHz	16QAM 64QAM	1 25 25 25 50 1 1 1 25	25 49 0 13 25 0 0 25 49 0	20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20	19.6819.5419.2719.2119.3219.1019.3919.4519.5019.31	19.41 19.53 19.11 19.10 19.08 19.00 19.30 19.34 19.31 19.15	19.1219.4019.1119.0718.9919.1419.0919.1119.0619.17
10MHz		1 25 25 25 50 1 1 1 25 25 25	25 49 0 13 25 0 0 25 49 0 13	20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20	19.6819.5419.2719.2119.3219.1019.3919.4519.5019.3119.41	19.4119.5319.1119.0019.0019.3019.3419.3119.1519.11	19.1219.4019.1119.0718.9919.1419.0919.1119.0619.1718.92
10MHz		1 25 25 25 50 1 1 1 25	25 49 0 13 25 0 0 25 49 0	20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20	19.6819.5419.2719.2119.3219.1019.3919.4519.5019.31	19.41 19.53 19.11 19.10 19.08 19.00 19.30 19.34 19.31 19.15	19.1219.4019.1119.0718.9919.1419.0919.1119.0619.17



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiuun	wooulation	RD SIZE	RD UIISEL	Max.	18675CH	18900CH	19125CH
		1	0	20.20	19.23	19.39	19.19
		1	38	20.20	19.25	19.37	19.21
		1	74	20.20	19.39	19.34	19.17
	QPSK	36	0	20.20	19.40	19.31	19.14
		36	18	20.20	19.40	19.21	19.12
		36	39	20.20	19.42	19.36	19.16
		75	0	20.20	19.49	19.09	19.24
		1	0	20.20	19.50	19.39	19.40
		1	38	20.20	19.50	19.58	19.04
		1	74	20.20	19.46	19.59	19.39
15MHz	16QAM	36	0	20.20	19.23	19.15	19.12
		36	18	20.20	19.28	19.16	18.98
		36	39	20.20	19.29	19.18	19.11
		75	0	20.20	19.17	19.06	19.16
		1	0	20.20	19.61	19.66	19.16
		1	38	20.20	19.39	19.55	19.20
		1	74	20.20	19.42	19.39	19.14
	64QAM	36	0	20.20	19.26	19.15	19.09
		36	18	20.20	19.27	19.14	19.08
		36	39	20.20	19.28	19.19	19.08
		75	0	20.20	19.26	19.14	19.07
D e ie alveri altia	Madulation			Tune-up	Channel	Channel	Channel
Bandwidth	Modulation	RB size	RB offset	Tune-up Max.	Channel 18700CH	Channel 18900CH	Channel 19100CH
Bandwidth	Modulation	RB size	RB offset 0				
Bandwidth	Modulation			Max.	18700CH	18900CH	19100CH
Bandwidth	Modulation	1	0	Max. 20.20	18700CH 19.43	18900CH 19.49	19100CH 19.20
Bandwidth	Modulation QPSK	1 1	0 50	Max. 20.20 20.20	18700CH 19.43 19.41	18900CH 19.49 19.42	19100CH 19.20 19.47
Bandwidth		1 1 1	0 50 99	Max. 20.20 20.20 20.20	18700CH 19.43 19.41 19.41	18900CH 19.49 19.42 19.45	19100CH 19.20 19.47 19.44
Bandwidth		1 1 1 50	0 50 99 0	Max. 20.20 20.20 20.20 20.20	18700CH 19.43 19.41 19.41 19.41	18900CH 19.49 19.42 19.45 19.35	19100CH 19.20 19.47 19.44 19.16
Bandwidth		1 1 1 50 50	0 50 99 0 25	Max. 20.20 20.20 20.20 20.20 20.20	18700CH 19.43 19.41 19.41 19.41 19.41 19.41	18900CH 19.49 19.42 19.45 19.35 19.29	19100CH 19.20 19.47 19.44 19.16 19.15
Bandwidth		1 1 50 50 50	0 50 99 0 25 50	Max. 20.20 20.20 20.20 20.20 20.20 20.20	18700CH 19.43 19.41 19.41 19.41 19.41 19.41	18900CH 19.49 19.42 19.45 19.35 19.29 19.30	19100CH 19.20 19.47 19.44 19.16 19.15 19.15
Bandwidth		1 1 50 50 50 100	0 50 99 0 25 50 0 0	Max. 20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20	18700CH 19.43 19.41 19.41 19.41 19.41 19.41 19.28	18900CH 19.49 19.42 19.45 19.35 19.29 19.30 19.11	19100CH 19.20 19.47 19.44 19.16 19.15 19.15 19.13
Bandwidth		1 1 50 50 50 100 1	0 50 99 0 25 50 0	Max. 20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20	18700CH 19.43 19.41 19.41 19.41 19.41 19.41 19.28 19.75	18900CH 19.49 19.42 19.45 19.35 19.29 19.30 19.11 19.75	19100CH 19.20 19.47 19.44 19.16 19.15 19.15 19.13 19.58
	QPSK	1 1 50 50 50 100 1 1 1	0 50 99 0 25 50 0 0 50	Max. 20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20	18700CH 19.43 19.41 19.41 19.41 19.41 19.41 19.28 19.75 19.63	18900CH 19.49 19.42 19.35 19.35 19.29 19.30 19.11 19.75 19.66	19100CH 19.20 19.47 19.44 19.16 19.15 19.15 19.13 19.58 19.52
Bandwidth 20MHz		1 1 50 50 50 100 1 1 1 50	0 50 99 0 25 50 0 0 50 99 99 0	Max. 20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20	18700CH 19.43 19.41 19.41 19.41 19.41 19.41 19.28 19.75 19.63 19.76 19.32	18900CH 19.49 19.42 19.45 19.35 19.29 19.30 19.11 19.75 19.66 19.64 19.24	19100CH 19.20 19.47 19.44 19.16 19.15 19.15 19.13 19.58 19.52 19.43 19.04
	QPSK	1 1 50 50 50 100 1 1 1	0 50 99 0 25 50 0 0 50 99	Max. 20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20	18700CH 19.43 19.41 19.41 19.41 19.41 19.41 19.28 19.75 19.63 19.76	18900CH19.4919.4219.4519.3519.2919.3019.1119.7519.6619.64	19100CH 19.20 19.47 19.44 19.16 19.15 19.15 19.13 19.58 19.52 19.43
	QPSK	$ \begin{array}{r} 1\\ 1\\ 50\\ 50\\ 50\\ 100\\ 1\\ 1\\ 1\\ 50\\ 50\\ 50\\ 50\\ 50\\ \end{array} $	0 50 99 0 25 50 0 0 50 99 0 25	Max. 20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20	18700CH 19.43 19.41 19.41 19.41 19.41 19.41 19.28 19.75 19.63 19.76 19.32 19.37	18900CH 19.49 19.42 19.45 19.35 19.29 19.30 19.11 19.75 19.66 19.64 19.24 19.17	19100CH 19.20 19.47 19.44 19.16 19.15 19.15 19.13 19.58 19.52 19.43 19.04 19.02
	QPSK	1 1 50 50 50 100 1 1 1 50 50 50	0 50 99 0 25 50 0 0 50 99 0 25 50	Max. 20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20	18700CH 19.43 19.41 19.41 19.41 19.41 19.41 19.28 19.75 19.63 19.76 19.32 19.37 19.23	18900CH19.4919.4219.4519.3519.2919.3019.1119.7519.6619.6419.2419.1719.11	19100CH 19.20 19.47 19.44 19.16 19.15 19.15 19.13 19.58 19.52 19.43 19.04 19.02 19.03
	QPSK	$ \begin{array}{r} 1\\ 1\\ 50\\ 50\\ 50\\ 100\\ 1\\ 1\\ 1\\ 50\\ 50\\ 50\\ 50\\ 50\\ \end{array} $	0 50 99 0 25 50 0 0 50 99 0 25 50 0 25 50 0 0	Max. 20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20	18700CH 19.43 19.41 19.41 19.41 19.41 19.41 19.28 19.75 19.63 19.76 19.32 19.37 19.23 19.19	18900CH 19.49 19.42 19.45 19.35 19.29 19.30 19.11 19.75 19.66 19.64 19.24 19.24 19.17 19.11 19.07	19100CH 19.20 19.47 19.44 19.16 19.15 19.15 19.13 19.58 19.52 19.43 19.04 19.02 19.03 19.01
	QPSK	$ \begin{array}{r} 1\\ 1\\ 50\\ 50\\ 50\\ 100\\ 1\\ 1\\ 1\\ 50\\ 50\\ 50\\ 50\\ 50\\ \end{array} $	0 50 99 0 25 50 0 0 50 99 0 25 50 0 0 0 0 50	Max. 20.20	18700CH19.4319.4119.4119.4119.4119.4119.4119.7519.6319.7519.6319.3719.2319.1919.6919.63	18900CH19.4919.4219.4519.3519.3019.1119.7519.6619.6419.2419.1719.1119.7019.55	19100CH 19.20 19.47 19.44 19.16 19.15 19.15 19.13 19.58 19.52 19.43 19.04 19.02 19.03 19.01 19.58 19.51
	QPSK 16QAM	$ \begin{array}{r} 1\\ 1\\ 50\\ 50\\ 50\\ 100\\ 1\\ 1\\ 1\\ 50\\ 50\\ 50\\ 50\\ 100\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1 \end{array} $	0 50 99 0 25 50 0 0 50 99 0 25 50 0 25 50 0 0 50 99	Max. 20.20	18700CH19.4319.4119.4119.4119.4119.4119.4119.4119.6319.7519.6319.7619.3219.3719.2319.1919.6919.6319.79	18900CH19.4919.4219.4519.3519.2919.3019.1119.7519.6619.6419.2419.1719.1119.7019.5519.53	19100CH 19.20 19.47 19.44 19.16 19.15 19.15 19.13 19.58 19.52 19.43 19.04 19.02 19.03 19.01 19.58 19.51 19.51 19.45
	QPSK	$ \begin{array}{r} 1 \\ 1 \\ 50 \\ 50 \\ 50 \\ 50 \\ 100 \\ 1 \\ 1 \\ 1 \\ 50 \\ 50 \\ 50 \\ 100 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 50 \\ 5$	0 50 99 0 25 50 0 0 50 99 0 25 50 0 25 50 0 0 50 99 0 0 50 0 0 0	Max. 20.20	18700CH 19.43 19.41 19.41 19.41 19.41 19.41 19.28 19.75 19.63 19.76 19.32 19.37 19.23 19.37 19.23 19.19 19.69 19.63 19.79 19.27	18900CH19.4919.4219.4519.3519.2919.3019.1119.7519.6619.6419.2419.1719.1119.0719.7019.5519.5319.33	19100CH 19.20 19.47 19.44 19.16 19.15 19.15 19.13 19.58 19.52 19.43 19.04 19.02 19.03 19.01 19.58 19.51 19.51 19.45 19.02
	QPSK 16QAM	$ \begin{array}{r} 1 \\ 1 \\ 50 \\ 50 \\ 50 \\ 50 \\ 100 \\ 1 \\ 1 \\ 1 \\ 50 \\ 50 \\ 50 \\ 100 \\ 1 \\ 1 \\ 1 \\ 1 \\ 50 \\ $	0 50 99 0 25 50 0 0 50 99 0 25 50 0 25 50 0 0 50 99 0 25 99 0 25	Max. 20.20	18700CH 19.43 19.41 19.41 19.41 19.41 19.41 19.28 19.75 19.63 19.76 19.32 19.37 19.23 19.37 19.23 19.19 19.69 19.63 19.79 19.27 19.28	18900CH19.4919.4219.4519.3519.3019.1119.7519.6619.6419.2419.1719.1119.7019.5519.5319.3319.33	19100CH 19.20 19.47 19.44 19.16 19.15 19.15 19.13 19.58 19.52 19.43 19.04 19.02 19.03 19.01 19.58 19.51 19.51 19.45 19.02 19.02
	QPSK 16QAM	$ \begin{array}{r} 1 \\ 1 \\ 50 \\ 50 \\ 50 \\ 50 \\ 100 \\ 1 \\ 1 \\ 1 \\ 50 \\ 50 \\ 50 \\ 100 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 50 \\ 5$	0 50 99 0 25 50 0 0 50 99 0 25 50 0 25 50 0 0 50 99 0 0 50 0 0 0	Max. 20.20	18700CH 19.43 19.41 19.41 19.41 19.41 19.41 19.28 19.75 19.63 19.76 19.32 19.37 19.23 19.37 19.23 19.19 19.69 19.63 19.79 19.27	18900CH19.4919.4219.4519.3519.2919.3019.1119.7519.6619.6419.2419.1719.1119.0719.7019.5519.5319.33	19100CH 19.20 19.47 19.44 19.16 19.15 19.15 19.13 19.58 19.52 19.43 19.04 19.04 19.02 19.03 19.01 19.58 19.51 19.45 19.45 19.02

Table 50: Test results conducted power measurement of LTE Band 2 (Reduced Power Level D4) Note: The Conducted power measurements of LTE Band 2 is measured with RMS detector.



7.1.13 Conducted power measurements of LTE Band 4(Second antenna)

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwium	Modulation	IND SIZE	IND UIISEL	Max.	19957CH	20175CH	20393CH
		1	0	22.70	21.67	21.83	22.01
		1	3	22.70	21.92	21.88	22.03
		1	5	22.70	21.68	21.85	22.07
	QPSK	3	0	22.70	21.81	21.93	21.92
		3	2	22.70	21.78	21.92	21.94
		3	3	22.70	21.65	21.91	21.92
		6	0	21.70	20.85	21.04	20.98
		1	0	21.70	20.67	20.89	20.90
		1	3	21.70	20.93	20.81	20.92
		1	5	21.70	20.65	21.14	21.03
1.4MHz	16QAM	3	0	21.70	20.78	20.83	20.92
		3	2	21.70	20.79	20.80	20.76
		3	3	21.70	20.73	20.81	20.98
		6	0	20.70	19.67	19.84	19.76
		1	0	20.70	19.82	20.05	20.00
		1	3	20.70	19.95	19.89	19.91
		1	5	20.70	19.85	20.10	19.99
	64QAM	3	0	20.70	19.70	19.73	19.84
		3	2	20.70	19.86	19.86	19.87
		3	3	20.70	19.81	19.79	19.88
		6	0	19.70	18.77	18.96	18.89
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Banawiatii	modulation	TTD 0120		Max.	19965CH	20175CH	20385CH
		1	0	22.70	21.66	21.78	21.81
		1	7	22.70	21.69	21.73	21.81
		1	14	22.70	21.67	21.75	21.85
	QPSK	8	0	21.70	20.76	20.79	20.85
	QPSK	8 8	04	21.70 21.70	20.76 20.77	20.79 20.81	20.85 20.85
	QPSK	8 8 8	0 4 7	21.70 21.70 21.70	20.76 20.77 20.75	20.79 20.81 20.85	20.85 20.85 20.86
	QPSK	8 8 8 15	0 4 7 0	21.70 21.70 21.70 21.70	20.76 20.77 20.75 20.81	20.79 20.81 20.85 20.85	20.85 20.85 20.86 20.85
	QPSK	8 8 8	0 4 7 0 0	21.70 21.70 21.70 21.70 21.70	20.76 20.77 20.75 20.81 20.79	20.79 20.81 20.85 20.85 21.10	20.85 20.85 20.86 20.85 20.99
	QPSK	8 8 15 1 1	0 4 7 0 0 7	21.70 21.70 21.70 21.70 21.70 21.70 21.70	20.76 20.77 20.75 20.81 20.79 20.69	20.79 20.81 20.85 20.85 21.10 20.78	20.85 20.85 20.86 20.85 20.99 20.97
		8 8 15 1 1 1 1	0 4 7 0 0 0 7 14	21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70	20.76 20.77 20.75 20.81 20.79 20.69 20.77	20.79 20.81 20.85 20.85 21.10 20.78 20.88	20.85 20.85 20.86 20.85 20.99 20.97 21.06
3MHz	QPSK 16QAM	8 8 15 1 1 1 8	0 4 7 0 0 7 14 0	21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 20.70	20.76 20.77 20.75 20.81 20.79 20.69 20.77 19.69	20.79 20.81 20.85 20.85 21.10 20.78 20.88 19.79	20.85 20.85 20.86 20.85 20.99 20.97 21.06 19.88
3MHz		8 8 15 1 1 1 8 8 8	0 4 7 0 0 7 14 0 4	21.70 21.70 21.70 21.70 21.70 21.70 21.70 20.70 20.70	20.76 20.77 20.75 20.81 20.79 20.69 20.77 19.69 19.76	20.79 20.81 20.85 20.85 21.10 20.78 20.88 19.79 19.86	20.85 20.85 20.86 20.85 20.99 20.97 21.06 19.88 19.85
3MHz		8 8 15 1 1 1 8 8 8 8	0 4 7 0 0 7 14 0 4 7	21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 20.70 20.70 20.70	20.76 20.77 20.75 20.81 20.79 20.69 20.77 19.69 19.76 19.73	20.79 20.81 20.85 20.85 21.10 20.78 20.88 19.79 19.86 19.83	20.85 20.85 20.85 20.99 20.97 21.06 19.88 19.85 19.88
3MHz		8 8 15 1 1 1 8 8 8	0 4 7 0 0 7 14 0 4 7 0	21.70 21.70 21.70 21.70 21.70 21.70 21.70 20.70 20.70 20.70 20.70	20.76 20.77 20.75 20.81 20.79 20.69 20.77 19.69 19.76 19.73 19.78	20.79 20.81 20.85 20.85 21.10 20.78 20.88 19.79 19.86 19.83 19.82	20.85 20.85 20.85 20.99 20.97 21.06 19.88 19.85 19.88 19.83
3MHz		8 8 15 1 1 1 8 8 8 8 15 1	0 4 7 0 0 7 14 0 4 7 0 0 0	21.70 21.70 21.70 21.70 21.70 21.70 21.70 20.70 20.70 20.70 20.70 20.70	20.76 20.77 20.75 20.81 20.79 20.69 20.77 19.69 19.76 19.73 19.78 19.85	20.79 20.81 20.85 20.85 21.10 20.78 20.88 19.79 19.86 19.83 19.82 20.03	20.85 20.85 20.85 20.99 20.97 21.06 19.88 19.85 19.83 19.83 19.93
3MHz		8 8 15 1 1 1 8 8 8 8	0 4 7 0 0 7 14 0 4 7 0 0 0 7	21.70 21.70 21.70 21.70 21.70 21.70 21.70 20.70 20.70 20.70 20.70 20.70 20.70	20.76 20.77 20.75 20.81 20.79 20.69 20.77 19.69 19.76 19.73 19.78 19.85 19.90	20.79 20.81 20.85 20.85 21.10 20.78 20.88 19.79 19.86 19.83 19.83 19.82 20.03 20.09	20.85 20.85 20.86 20.85 20.99 20.97 21.06 19.88 19.85 19.88 19.83 19.93 20.11
3MHz	16QAM	8 8 15 1 1 1 1 8 8 8 8 15 1 1 1 1	0 4 7 0 0 7 14 0 4 7 0 0 0	21.70 21.70 21.70 21.70 21.70 21.70 21.70 20.70 20.70 20.70 20.70 20.70 20.70 20.70 20.70	20.76 20.77 20.75 20.81 20.79 20.69 20.77 19.69 19.76 19.73 19.78 19.85 19.90 19.78	20.79 20.81 20.85 20.85 21.10 20.78 20.88 19.79 19.86 19.83 19.82 20.03 20.09 20.15	20.85 20.85 20.85 20.99 20.97 21.06 19.88 19.85 19.88 19.83 19.93 20.11 19.99
3MHz		8 8 15 1 1 1 8 8 8 8 15 1 1 1 1 8	0 4 7 0 0 7 14 0 4 7 0 4 7 0 0 0 7 14 0	21.70 21.70 21.70 21.70 21.70 21.70 21.70 20.70 20.70 20.70 20.70 20.70 20.70 20.70 20.70 20.70 20.70	20.76 20.77 20.75 20.81 20.79 20.69 20.77 19.69 19.76 19.73 19.78 19.85 19.85 19.90 19.78 19.78 19.78	20.79 20.81 20.85 20.85 21.10 20.78 20.88 19.79 19.86 19.83 19.82 20.03 20.09 20.15 18.79	20.85 20.85 20.85 20.99 20.97 21.06 19.88 19.85 19.83 19.83 19.93 20.11 19.99 18.87
3MHz	16QAM	8 8 15 1 1 1 1 8 8 8 15 1 1 1 1 8 8 8 8	0 4 7 0 0 7 14 0 4 7 0 0 0 7 14 0 4	21.70 21.70 21.70 21.70 21.70 21.70 21.70 20.70 20.70 20.70 20.70 20.70 20.70 20.70 20.70 20.70 19.70	20.76 20.77 20.75 20.81 20.79 20.69 20.77 19.69 19.76 19.73 19.78 19.85 19.90 19.78 19.78 19.85 19.90 19.78 18.80	20.79 20.81 20.85 20.85 21.10 20.78 20.78 20.78 19.79 19.86 19.83 19.82 20.03 20.09 20.15 18.79 18.85	20.85 20.85 20.85 20.99 20.97 21.06 19.88 19.85 19.83 19.93 20.11 19.99 18.87 18.91
3MHz	16QAM	8 8 15 1 1 1 8 8 8 8 15 1 1 1 1 8	0 4 7 0 0 7 14 0 4 7 0 4 7 0 0 0 7 14 0	21.70 21.70 21.70 21.70 21.70 21.70 21.70 20.70 20.70 20.70 20.70 20.70 20.70 20.70 20.70 20.70 20.70	20.76 20.77 20.75 20.81 20.79 20.69 20.77 19.69 19.76 19.73 19.78 19.85 19.85 19.90 19.78 19.78 19.78	20.79 20.81 20.85 20.85 21.10 20.78 20.88 19.79 19.86 19.83 19.82 20.03 20.09 20.15 18.79	20.85 20.85 20.85 20.99 20.97 21.06 19.88 19.85 19.83 19.83 19.93 20.11 19.99 18.87



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiutin	wouldtion	ND SIZE	ND UIISEL	Max.	19975CH	20175CH	20375CH
		1	0	22.70	21.72	21.80	21.82
		1	13	22.70	21.72	22.00	21.82
		1	24	22.70	21.68	21.93	21.80
	QPSK	12	0	21.70	20.92	20.84	21.01
		12	6	21.70	20.91	20.90	21.02
		12	13	21.70	20.91	20.83	21.03
		25	0	21.70	20.79	20.83	20.89
		1	0	21.70	20.78	21.08	21.02
		1	13	21.70	21.13	20.98	20.99
		1	24	21.70	20.91	20.78	21.01
5MHz	16QAM	12	0	20.70	19.87	19.80	19.95
		12	6	20.70	19.87	19.83	19.98
		12	13	20.70	19.85	19.86	20.04
		25	0	20.70	19.73	19.84	19.85
		1	0	20.70	19.91	20.09	20.06
		1	13	20.70	19.94	20.04	20.04
		1	24	20.70	19.81	19.87	20.02
	64QAM	12	0	19.70	18.94	18.88	19.04
		12	6	19.70	18.96	18.90	19.04
		12	13	19.70	18.93	18.92	19.00
		25	0	19.70	18.84	18.86	18.78
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiutin	Modulation	ND SIZE	ND UISEL	Max.	20000CH	20175CH	20350CH
		1	0	22.70	21.63	21.75	21.90
		1	25	22.70	21.70	21.82	21.90
		1	49	22.70	21.68	21.85	21.91
	QPSK	25	0	21.70	20.85	20.80	21.06
		25	13	21.70	20.84	20.80	20.87
		25	25	21.70	20.84	20.85	20.80
		50	0	21.70	20.76	20.85	20.85
				21.70	20.10		
		1	0	21.70	20.80	20.79	20.95
		1 1	0 25				
				21.70	20.80	20.79	20.95
10MHz	16QAM	1	25	21.70 21.70	20.80 20.76	20.79 20.95	20.95 21.07
10MHz	16QAM	1 1	25 49	21.70 21.70 21.70	20.80 20.76 20.76 19.82 19.85	20.79 20.95 20.94	20.95 21.07 20.94
10MHz	16QAM	1 1 25	25 49 0	21.70 21.70 21.70 20.70	20.80 20.76 20.76 19.82	20.79 20.95 20.94 19.78	20.95 21.07 20.94 20.03
10MHz	16QAM	1 1 25 25	25 49 0 13	21.70 21.70 21.70 20.70 20.70	20.80 20.76 20.76 19.82 19.85	20.79 20.95 20.94 19.78 19.78	20.95 21.07 20.94 20.03 19.99
10MHz	16QAM	1 1 25 25 25 25	25 49 0 13 25	21.70 21.70 21.70 20.70 20.70 20.70	20.80 20.76 20.76 19.82 19.85 19.82	20.79 20.95 20.94 19.78 19.78 19.78	20.95 21.07 20.94 20.03 19.99 20.04
10MHz	16QAM	1 1 25 25 25 25	25 49 0 13 25 0	21.70 21.70 20.70 20.70 20.70 20.70 20.70	20.80 20.76 20.76 19.82 19.85 19.82 19.70	20.79 20.95 20.94 19.78 19.78 19.78 19.78 19.81	20.95 21.07 20.94 20.03 19.99 20.04 19.87
10MHz	16QAM	1 25 25 25 50 1	25 49 0 13 25 0 0	21.70 21.70 20.70 20.70 20.70 20.70 20.70 20.70	20.80 20.76 20.76 19.82 19.85 19.82 19.70 19.75	20.79 20.95 20.94 19.78 19.78 19.78 19.81 20.02	20.95 21.07 20.94 20.03 19.99 20.04 19.87 20.19
10MHz	16QAM 64QAM	1 25 25 25 50 1 1	25 49 0 13 25 0 0 25	21.70 21.70 20.70 20.70 20.70 20.70 20.70 20.70 20.70	20.80 20.76 20.76 19.82 19.85 19.82 19.70 19.75 19.84	20.79 20.95 20.94 19.78 19.78 19.78 19.81 20.02 17.66	20.95 21.07 20.94 20.03 19.99 20.04 19.87 20.19 19.98
10MHz		1 25 25 25 50 1 1 1	25 49 0 13 25 0 0 25 49	21.70 21.70 20.70 20.70 20.70 20.70 20.70 20.70 20.70 20.70	20.80 20.76 20.76 19.82 19.85 19.82 19.70 19.75 19.84 19.97	20.79 20.95 20.94 19.78 19.78 19.78 19.81 20.02 17.66 19.92	20.95 21.07 20.94 20.03 19.99 20.04 19.87 20.19 19.98 19.89
10MHz		1 25 25 25 50 1 1 1 25	25 49 0 13 25 0 0 25 49 0	21.70 21.70 20.70 20.70 20.70 20.70 20.70 20.70 20.70 20.70 19.70	20.80 20.76 20.76 19.82 19.85 19.82 19.70 19.75 19.84 19.97 18.87	20.79 20.95 20.94 19.78 19.78 19.78 19.81 20.02 17.66 19.92 18.85	20.95 21.07 20.94 20.03 19.99 20.04 19.87 20.19 19.98 19.89 18.75



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiutn	iviouulation	IND SIZE	KD UIISet	Max.	20025CH	20175CH	20325CH
		1	0	22.70	21.36	21.68	21.79
		1	38	22.70	21.66	21.74	21.70
		1	74	22.70	21.39	21.73	21.88
	QPSK	36	0	21.70	20.60	20.78	20.90
		36	18	21.70	20.65	20.67	20.61
		36	39	21.70	20.65	20.64	20.79
		75	0	21.70	20.56	20.58	20.57
		1	0	21.70	20.80	20.73	20.88
		1	38	21.70	20.54	20.94	21.00
		1	74	21.70	20.47	20.76	20.70
15MHz	16QAM	36	0	20.70	19.66	19.71	19.79
		36	18	20.70	19.64	19.59	19.96
		36	39	20.70	19.77	19.64	19.96
		75	0	20.70	19.48	19.53	19.74
		1	0	20.70	19.60	19.97	20.07
		1	38	20.70	19.57	17.59	19.87
		1	74	20.70	19.73	19.77	19.71
	64QAM	36	0	19.70	18.75	18.64	18.71
		36	18	19.70	18.60	18.69	18.72
		36	39	19.70	18.79	18.57	17.71
		75	0	19.70	18.74	18.65	18.49
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwidin	woodation		IND UNSEL	Max.	20050CH	20175CH	20300CH
		1	0	22.70	21.53	21.76	21.80
		1	50	22.70	21.68	21.85	21.80
		1	99	22.70	21.46	21.87	21.93
	QPSK	50	0	21.70	20.77	20.98	21.02
		50	25	21.70	20.76	00.04	
					20.76	20.81	20.77
		50	50	21.70	20.71	20.83	20.92
		50 100	50 0	21.70 21.70	20.71 20.59	20.83 20.74	20.92 20.60
			50 0 0	21.70 21.70 21.70	20.71 20.59 20.98	20.83 20.74 20.89	20.92 20.60 21.08
		100	50 0	21.70 21.70	20.71 20.59	20.83 20.74	20.92 20.60
		100 1	50 0 0	21.70 21.70 21.70	20.71 20.59 20.98 20.66 20.51	20.83 20.74 20.89 21.03 20.82	20.92 20.60 21.08
20MHz	16QAM	100 1 1	50 0 0 50 99 0	21.70 21.70 21.70 21.70	20.71 20.59 20.98 20.66 20.51 19.81	20.83 20.74 20.89 21.03 20.82 19.74	20.92 20.60 21.08 21.17
20MHz	16QAM	100 1 1 1 50 50	50 0 50 99 0 25	21.70 21.70 21.70 21.70 21.70 21.70	20.71 20.59 20.98 20.66 20.51 19.81 19.75	20.83 20.74 20.89 21.03 20.82 19.74 19.63	20.92 20.60 21.08 21.17 20.76 19.88 19.96
20MHz	16QAM	100 1 1 1 50 50 50	50 0 0 50 99 0	21.70 21.70 21.70 21.70 21.70 20.70	20.71 20.59 20.98 20.66 20.51 19.81 19.75 19.87	20.83 20.74 20.89 21.03 20.82 19.74 19.63 19.70	20.92 20.60 21.08 21.17 20.76 19.88 19.96 19.97
20MHz	16QAM	100 1 1 1 50 50	50 0 50 99 0 25 50 0	21.70 21.70 21.70 21.70 21.70 20.70 20.70 20.70 20.70	20.71 20.59 20.98 20.66 20.51 19.81 19.75 19.87 19.50	20.83 20.74 20.89 21.03 20.82 19.74 19.63 19.70 19.73	20.92 20.60 21.08 21.17 20.76 19.88 19.96 19.97 19.86
20MHz	16QAM	100 1 1 1 50 50 50	50 0 50 99 0 25 50 0 0	21.70 21.70 21.70 21.70 20.70 20.70 20.70 20.70 20.70 20.70	20.71 20.59 20.98 20.66 20.51 19.81 19.75 19.87 19.50 19.62	20.83 20.74 20.89 21.03 20.82 19.74 19.63 19.70 19.73 20.12	20.92 20.60 21.08 21.17 20.76 19.88 19.96 19.97 19.86 20.26
20MHz	16QAM	100 1 1 1 50 50 50	50 0 50 99 0 25 50 0	21.70 21.70 21.70 21.70 21.70 20.70 20.70 20.70 20.70	20.71 20.59 20.98 20.66 20.51 19.81 19.75 19.87 19.50 19.62 19.75	20.83 20.74 20.89 21.03 20.82 19.74 19.63 19.70 19.73 20.12 17.73	20.92 20.60 21.08 21.17 20.76 19.88 19.96 19.97 19.86 20.26 20.00
20MHz	16QAM	100 1 1 50 50 50 100 1	50 0 50 99 0 25 50 0 0	21.70 21.70 21.70 21.70 20.70 20.70 20.70 20.70 20.70 20.70	20.71 20.59 20.98 20.66 20.51 19.81 19.75 19.87 19.50 19.62	20.83 20.74 20.89 21.03 20.82 19.74 19.63 19.70 19.73 20.12	20.92 20.60 21.08 21.17 20.76 19.88 19.96 19.97 19.86 20.26
20MHz	16QAM 64QAM	100 1 1 50 50 50 100 1 1	50 0 50 99 0 25 50 0 0 50	21.70 21.70 21.70 21.70 21.70 20.70 20.70 20.70 20.70 20.70 20.70 20.70	20.71 20.59 20.98 20.66 20.51 19.81 19.75 19.87 19.50 19.62 19.75	20.83 20.74 20.89 21.03 20.82 19.74 19.63 19.70 19.73 20.12 17.73	20.92 20.60 21.08 21.17 20.76 19.88 19.96 19.97 19.86 20.26 20.00
20MHz		100 1 1 50 50 50 100 1 1 1	50 0 50 99 0 25 50 0 0 50 99	21.70 21.70 21.70 21.70 20.70 20.70 20.70 20.70 20.70 20.70 20.70 20.70	20.71 20.59 20.98 20.66 20.51 19.81 19.75 19.87 19.50 19.62 19.75 19.87	20.83 20.74 20.89 21.03 20.82 19.74 19.63 19.70 19.73 20.12 17.73 19.81	20.92 20.60 21.08 21.17 20.76 19.88 19.96 19.97 19.86 20.26 20.00 19.78
20MHz		$ \begin{array}{r} 100 \\ 1 \\ 1 \\ 50 \\ 50 \\ 50 \\ 100 \\ 1 \\ 1 \\ 1 \\ 50 \\ \end{array} $	50 0 50 99 0 25 50 0 0 0 50 99 0	21.70 21.70 21.70 21.70 20.70 20.70 20.70 20.70 20.70 20.70 20.70 20.70 20.70 19.70	20.71 20.59 20.98 20.66 20.51 19.81 19.75 19.87 19.50 19.62 19.75 19.87 19.87 19.87 18.86	20.83 20.74 20.89 21.03 20.82 19.74 19.63 19.70 19.73 20.12 17.73 19.81 18.70	20.92 20.60 21.08 21.17 20.76 19.88 19.96 19.97 19.86 20.26 20.00 19.78 18.84

Table 51: Test results conducted power measurement of LTE Band 4 (Full Power)



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danawidin	Woodation		IND ONSEL	Max.	19957CH	20175CH	20393CH
		1	0	18.70	17.76	17.70	17.89
		1	3	18.70	17.66	17.72	17.92
		1	5	18.70	17.65	17.83	17.93
	QPSK	3	0	18.70	17.78	17.90	17.80
		3	2	18.70	17.82	17.91	17.80
		3	3	18.70	17.83	17.90	17.92
		6	0	18.70	17.82	17.84	17.84
		1	0	18.70	17.80	17.81	18.02
		1	3	18.70	17.95	17.90	17.98
		1	5	18.70	17.98	17.91	18.06
1.4MHz	16QAM	3	0	18.70	17.92	17.86	17.92
		3	2	18.70	17.89	17.85	18.04
		3	3	18.70	17.88	17.83	17.94
		6	0	18.70	17.64	17.82	17.72
		1	0	18.70	17.87	17.98	17.89
		1	3	18.70	18.01	17.73	17.96
		1	5	18.70	17.98	18.08	18.05
	64QAM	3	0	18.70	17.82	17.81	17.91
		3	2	18.70	17.79	17.93	17.98
		3	3	18.70	17.73	17.87	17.98
		6	0	18.70	17.95	17.96	17.93
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiuti	wouldtion	IND SIZE	IND UIISEL	Max.	19965CH	20175CH	20385CH
		1	0	18.70	17.75	17.82	17.89
		1	7	18.70	17.70	17.85	17.86
		1	14	18.70	17.72	17.87	17.87
			17	10.70			
	QPSK	8	0	18.70	17.81	17.81	17.86
	QPSK	8 8			17.81 17.77		17.86 17.85
	QPSK	8 8	0 4 7	18.70	17.77 17.76	17.81 17.81 17.81	17.85 17.85
	QPSK	8	0 4 7 0	18.70 18.70	17.77 17.76 17.69	17.81 17.81 17.81 17.91	17.85 17.85 17.90
	QPSK	8 8	0 4 7	18.70 18.70 18.70	17.77 17.76	17.81 17.81 17.81	17.85 17.85
	QPSK	8 8	0 4 7 0	18.70 18.70 18.70 18.70	17.77 17.76 17.69	17.81 17.81 17.81 17.91	17.85 17.85 17.90
	QPSK	8 8 15 1	0 4 7 0 0	18.70 18.70 18.70 18.70 18.70	17.77 17.76 17.69 17.79 17.94 17.98	17.81 17.81 17.81 17.91 18.16 18.22 18.03	17.85 17.85 17.90 18.06 17.93 18.01
3MHz	QPSK 16QAM	8 8 15 1 1 1 8	0 4 7 0 0 7	18.70 18.70 18.70 18.70 18.70 18.70	17.77 17.76 17.69 17.79 17.94 17.98 17.77	17.81 17.81 17.81 17.91 18.16 18.22	17.85 17.85 17.90 18.06 17.93
3MHz		8 8 15 1 1 1 8 8	0 4 7 0 0 7 14 0 4	18.7018.7018.7018.7018.7018.7018.7018.70	17.77 17.76 17.69 17.79 17.94 17.98 17.77 17.74	17.81 17.81 17.91 18.16 18.22 18.03 17.95 17.87	17.85 17.85 17.90 18.06 17.93 18.01
3MHz		8 8 15 1 1 1 8	0 4 7 0 0 7 14 0	18.7018.7018.7018.7018.7018.7018.7018.7018.7018.70	17.77 17.76 17.69 17.79 17.94 17.98 17.77	17.81 17.81 17.91 18.16 18.22 18.03 17.95	17.85 17.85 17.90 18.06 17.93 18.01 18.00
3MHz		8 8 15 1 1 1 8 8	0 4 7 0 0 7 14 0 4	18.7018.7018.7018.7018.7018.7018.7018.7018.7018.7018.70	17.77 17.76 17.69 17.79 17.94 17.98 17.77 17.74	17.81 17.81 17.91 18.16 18.22 18.03 17.95 17.87	17.85 17.85 17.90 18.06 17.93 18.01 18.00 18.01
3MHz		8 8 15 1 1 1 8 8 8 8	0 4 7 0 0 7 14 0 4 7 0 0 0	18.7018.7018.7018.7018.7018.7018.7018.7018.7018.7018.7018.70	17.77 17.76 17.69 17.79 17.94 17.98 17.77 17.74 17.77 17.76 17.91	17.81 17.81 17.91 18.16 18.22 18.03 17.95 17.87 17.85 17.76 18.06	17.85 17.85 17.90 18.06 17.93 18.01 18.00 18.01 18.08 17.93 17.99
3MHz		8 8 15 1 1 1 8 8 8 8	0 4 7 0 0 7 14 0 4 7 0	18.7018.7018.7018.7018.7018.7018.7018.7018.7018.7018.7018.7018.7018.7018.70	17.77 17.76 17.69 17.79 17.94 17.98 17.77 17.74 17.77 17.76	17.81 17.81 17.91 18.16 18.22 18.03 17.95 17.87 17.85 17.76	17.85 17.85 17.90 18.06 17.93 18.01 18.00 18.01 18.08 17.93
3MHz		8 8 15 1 1 1 8 8 8 8 15 1	0 4 7 0 0 7 14 0 4 7 0 0 0	18.7018.7018.7018.7018.7018.7018.7018.7018.7018.7018.7018.7018.7018.7018.7018.70	17.77 17.76 17.69 17.79 17.94 17.98 17.77 17.74 17.77 17.76 17.91	17.81 17.81 17.91 18.16 18.22 18.03 17.95 17.87 17.85 17.76 18.06	17.85 17.85 17.90 18.06 17.93 18.01 18.00 18.01 18.08 17.93 17.99
3MHz		8 8 15 1 1 1 8 8 8 8 15 1 1 1	0 4 7 0 0 7 14 0 4 7 0 0 0 7	18.7018.7018.7018.7018.7018.7018.7018.7018.7018.7018.7018.7018.7018.7018.7018.7018.7018.7018.70	17.77 17.76 17.69 17.79 17.94 17.98 17.77 17.74 17.77 17.74 17.76 17.91 18.09	17.81 17.81 17.81 17.91 18.16 18.22 18.03 17.95 17.87 17.87 17.85 17.76 18.06 17.82	17.85 17.85 17.90 18.06 17.93 18.01 18.00 18.01 18.08 17.93 17.99 18.04
3MHz	16QAM	8 8 15 1 1 1 8 8 8 8 15 1 1 1 1	0 4 7 0 0 7 14 0 4 7 0 0 0 7 14	18.70	17.77 17.76 17.69 17.79 17.94 17.98 17.77 17.74 17.77 17.76 17.91 18.09 17.82	17.81 17.81 17.81 17.91 18.16 18.22 18.03 17.95 17.87 17.85 17.76 18.06 17.82 17.94	17.85 17.85 17.90 18.06 17.93 18.01 18.00 18.01 18.08 17.93 17.99 18.04 18.31
3MHz	16QAM	8 8 15 1 1 1 8 8 8 15 1 1 1 1 8	0 4 7 0 0 7 14 0 4 7 0 0 4 7 0 0 7 14 0	18.70	17.77 17.76 17.69 17.79 17.94 17.98 17.77 17.74 17.77 17.76 17.76 17.91 18.09 17.82 17.77	17.81 17.81 17.81 17.91 18.16 18.22 18.03 17.95 17.87 17.85 17.76 18.06 17.82 17.94 17.98	17.85 17.85 17.90 18.06 17.93 18.01 18.00 18.01 18.08 17.93 17.99 18.04 18.31 17.99



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwidin	Woddiation		IND UNSEL	Max.	19975CH	20175CH	20375CH
		1	0	18.70	17.94	17.87	17.94
		1	13	18.70	17.94	17.87	17.91
		1	24	18.70	17.93	17.87	17.92
	QPSK	12	0	18.70	17.78	18.12	17.95
		12	6	18.70	17.78	18.12	17.95
		12	13	18.70	17.77	18.13	17.95
		25	0	18.70	17.76	17.86	17.85
		1	0	18.70	17.93	17.98	17.89
		1	13	18.70	18.01	17.97	18.08
		1	24	18.70	17.96	17.90	18.02
5MHz	16QAM	12	0	18.70	17.86	17.84	17.83
		12	6	18.70	17.84	17.86	17.88
		12	13	18.70	17.87	17.89	17.89
		25	0	18.70	17.89	17.83	17.78
		1	0	18.70	18.08	17.95	17.85
		1	13	18.70	17.92	18.00	17.83
		1	24	18.70	18.09	17.97	18.13
	64QAM	12	0	18.70	17.72	18.06	17.87
		12	6	18.70	17.74	18.04	17.89
		12	13	18.70	17.75	18.03	17.87
		25	0	18.70	17.68	17.81	17.83
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiutin	wouldtion	IND SIZE	IND UIISEL	Max.	20000CH	20175CH	20350CH
		1	0	18.70	17.82	17.85	18.04
		1	25	18.70	17.83	17.87	18.05
		1	49	18.70	17.86	17.90	18.08
	QPSK	25	0	18.70	17.82	17.85	17.91
		25	13	18.70	17.81	17.88	17.93
		25	25	18.70	17.81	17.85	17.90
		50	0	18.70	17.73	17.86	17.91
		1	0	18.70	17.87	17.85	18.16
		1	25	18.70	17.93	17.97	17.99
		1 1	25 49	18.70 18.70		17.97 18.01	17.99 18.05
10MHz	16QAM		49 0	18.70	17.93 17.90 17.66	18.01 17.87	18.05 17.84
10MHz	16QAM	1	49	18.70 18.70	17.93 17.90 17.66 17.71	18.01 17.87 17.79	18.05 17.84 17.85
10MHz	16QAM	1 25	49 0	18.70 18.70 18.70	17.93 17.90 17.66 17.71 17.68	18.01 17.87 17.79 17.76	18.05 17.84 17.85 17.80
10MHz	16QAM	1 25 25	49 0 13 25 0	18.70 18.70 18.70 18.70	17.93 17.90 17.66 17.71 17.68 17.68	18.01 17.87 17.79 17.76 17.81	18.05 17.84 17.85 17.80 17.77
10MHz	16QAM	1 25 25 25	49 0 13 25 0 0	18.70 18.70 18.70 18.70 18.70	17.93 17.90 17.66 17.71 17.68 17.68 18.06	18.01 17.87 17.79 17.76 17.81 17.95	18.05 17.84 17.85 17.80 17.77 18.08
10MHz	16QAM	1 25 25 25	49 0 13 25 0	18.70 18.70 18.70 18.70 18.70 18.70	17.93 17.90 17.66 17.71 17.68 17.68 18.06 17.75	18.01 17.87 17.79 17.76 17.81 17.95 17.98	18.05 17.84 17.85 17.80 17.77 18.08 18.25
10MHz	16QAM	1 25 25 25 50 1	49 0 13 25 0 0	18.7018.7018.7018.7018.7018.7018.7018.70	17.93 17.90 17.66 17.71 17.68 17.68 18.06	18.01 17.87 17.79 17.76 17.81 17.95	18.05 17.84 17.85 17.80 17.77 18.08
10MHz	16QAM 64QAM	1 25 25 25 50 1 1	49 0 13 25 0 0 25	18.7018.7018.7018.7018.7018.7018.7018.7018.7018.70	17.93 17.90 17.66 17.71 17.68 17.68 18.06 17.75	18.01 17.87 17.79 17.76 17.81 17.95 17.98	18.05 17.84 17.85 17.80 17.77 18.08 18.25
10MHz		1 25 25 25 50 1 1 1	49 0 13 25 0 0 25 49	18.7018.7018.7018.7018.7018.7018.7018.7018.7018.7018.70	17.93 17.90 17.66 17.71 17.68 17.68 17.68 18.06 17.75 17.91 17.71 17.73	18.01 17.87 17.79 17.76 17.81 17.95 17.98 17.93	18.05 17.84 17.85 17.80 17.77 18.08 18.25 18.25 17.82 17.80
10MHz		1 25 25 25 50 1 1 1 25	49 0 13 25 0 0 25 49 0	18.7018.7018.7018.7018.7018.7018.7018.7018.7018.7018.7018.70	17.93 17.90 17.66 17.71 17.68 17.68 17.68 18.06 17.75 17.91 17.71	18.01 17.87 17.79 17.76 17.81 17.95 17.98 17.93 18.01	18.05 17.84 17.85 17.80 17.77 18.08 18.25 18.25 18.25 17.82



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiuti	Noullation	IND SIZE	IND UIISEL	Max.	20025CH	20175CH	20325CH
		1	0	18.70	17.83	17.89	18.12
		1	38	18.70	17.82	17.86	18.07
		1	74	18.70	17.79	17.88	18.13
	QPSK	36	0	18.70	17.85	18.12	17.96
		36	18	18.70	17.90	18.13	17.97
		36	39	18.70	17.90	18.13	17.97
		75	0	18.70	17.71	18.09	17.95
		1	0	18.70	17.83	17.86	18.12
		1	38	18.70	17.88	17.83	18.16
		1	74	18.70	17.78	17.73	18.32
15MHz	16QAM	36	0	18.70	17.70	17.88	17.88
		36	18	18.70	17.76	17.84	17.84
		36	39	18.70	17.76	17.89	17.86
		75	0	18.70	17.82	17.80	17.76
		1	0	18.70	18.08	17.94	17.98
		1	38	18.70	17.93	18.09	18.23
		1	74	18.70	18.13	17.89	18.24
	64QAM	36	0	18.70	17.92	18.00	18.05
		36	18	18.70	17.91	18.02	17.90
		36	39	18.70	17.94	18.02	18.10
		75	0	18.70	17.69	17.95	17.85
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiuth	wouldtion	ND SIZE	ND UISEL	Max.	20050CH	20175CH	20300CH
		1	0	18.70	17.92	18.03	18.17
		1	50	18.70	17.93	18.05	18.16
		1	99	18.70	17.93	18.01	18.17
	QPSK	50	0	18.70	17.87	17.92	18.00
		50	25	18.70	17.86	17.88	18.01
		50	50	18.70	17.86	17.88	18.01
		100	0	18.70	17.76	17.92	17.94
		1	0	18.70	18.06	18.14	18.17
		1	50	18.70	17.99	18.15	18.32
		1 1	50 99	18.70 18.70	17.99 18.05	18.15 18.21	18.32 18.22
20MHz	16QAM						
20MHz	16QAM	1	99	18.70	18.05	18.21	18.22
20MHz	16QAM	1 50	99 0	18.70 18.70	18.05 17.78	18.21 17.84	18.22 17.90
20MHz	16QAM	1 50 50	99 0 25	18.70 18.70 18.70	18.05 17.78 17.71	18.21 17.84 17.87	18.22 17.90 17.90
20MHz	16QAM	1 50 50 50	99 0 25 50	18.70 18.70 18.70 18.70	18.05 17.78 17.71 17.74	18.21 17.84 17.87 17.84	18.22 17.90 17.90 17.92
20MHz	16QAM	1 50 50 50	99 0 25 50 0	18.70 18.70 18.70 18.70 18.70	18.05 17.78 17.71 17.74 17.84	18.21 17.84 17.87 17.84 17.88	18.22 17.90 17.90 17.92 17.81
20MHz	16QAM	1 50 50 50 100 1	99 0 25 50 0 0	18.70 18.70 18.70 18.70 18.70 18.70	18.05 17.78 17.71 17.74 17.84 18.13	18.21 17.84 17.87 17.84 17.88 17.94	18.22 17.90 17.90 17.92 17.81 18.28
20MHz	16QAM 64QAM	1 50 50 50 100 1 1	99 0 25 50 0 0 50	18.7018.7018.7018.7018.7018.7018.7018.70	18.0517.7817.7117.7417.8418.1317.95	18.21 17.84 17.87 17.84 17.84 17.88 17.94 18.33	18.22 17.90 17.92 17.81 18.28 18.43
20MHz		1 50 50 100 1 1 1 1	99 0 25 50 0 0 50 99	18.7018.7018.7018.7018.7018.7018.7018.7018.7018.70	18.05 17.78 17.71 17.74 17.84 18.13 17.95 18.13	18.21 17.84 17.87 17.84 17.88 17.94 18.33 18.03	18.22 17.90 17.92 17.81 18.28 18.43 18.09
20MHz		1 50 50 100 1 1 1 50	99 0 25 50 0 0 50 99 0	18.7018.7018.7018.7018.7018.7018.7018.7018.7018.7018.70	18.05 17.78 17.71 17.74 17.84 18.13 17.95 18.13 17.83	18.21 17.84 17.87 17.84 17.88 17.94 18.03 18.00	18.22 17.90 17.92 17.81 18.28 18.43 18.09 17.94

Table 52: Test results conducted power measurement of LTE Band 4 (Reduced Power Level D1/D2)



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiutin	INDUUIATION	IND SIZE	IND UIISEL	Max.	19957CH	20175CH	20393CH
		1	0	14.70	13.92	13.94	13.93
		1	3	14.70	14.06	13.92	13.97
		1	5	14.70	13.81	13.90	13.98
	QPSK	3	0	14.70	13.89	13.98	14.02
		3	2	14.70	13.83	13.97	14.01
		3	3	14.70	13.83	13.98	13.95
		6	0	14.70	13.84	13.80	13.96
		1	0	14.70	14.00	14.23	14.22
		1	3	14.70	13.96	14.33	14.16
		1	5	14.70	14.04	14.20	14.20
1.4MHz	16QAM	3	0	14.70	13.79	13.85	13.84
		3	2	14.70	13.88	13.78	13.73
		3	3	14.70	13.97	13.83	13.73
		6	0	14.70	13.76	13.84	13.93
		1	0	14.70	14.14	14.13	14.08
		1	3	14.70	14.03	14.33	13.81
		1	5	14.70	13.91	14.24	14.01
	64QAM	3	0	14.70	13.83	14.08	13.98
		3	2	14.70	13.64	14.05	13.95
		3	3	14.70	13.80	13.89	13.86
		6	0	14.70	13.71	13.91	14.03
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwidin	woodation		IND UNSEL	Max.	19965CH	20175CH	20385CH
		1	0	14.70	13.90	13.84	13.90
		1	7	14.70	13.90	13.92	13.85
		1	14	14.70	13.91	13.88	13.84
	QPSK	8	0	14.70	13.90	13.91	13.89
		8	4	14.70	13.93	13.88	13.90
		8	7	14.70	13.92	13.92	13.91
		15	0	14.70	13.79	13.92	13.87
		1	0	14.70	13.95	14.23	13.95
		1	7	14.70	14.16	14.12	13.93
		1	14	14.70	14.10	14.20	14.06
3MHz	16QAM	8	0	14.70	13.82	13.94	14.00
	3MHz 16QAM	-	4	4470	40.04	40.07	14.04
		8	4	14.70	13.81	13.87	
		8	7	14.70	13.81	13.88	13.98
			7 0	14.70 14.70	13.81 13.71	13.88 13.85	13.98 14.00
		8 15 1	7 0 0	14.70 14.70 14.70	13.81 13.71 13.90	13.88 13.85 14.36	13.98 14.00 14.33
		8 15 1 1	7 0 0 7	14.70 14.70 14.70 14.70	13.81 13.71 13.90 14.05	13.88 13.85 14.36 14.19	13.98 14.00 14.33 14.45
		8 15 1 1 1 1	7 0 0 7 14	14.70 14.70 14.70 14.70 14.70	13.81 13.71 13.90 14.05 13.81	13.88 13.85 14.36 14.19 14.44	13.98 14.00 14.33 14.45 14.02
	64QAM	8 15 1 1 1 8	7 0 0 7	14.70 14.70 14.70 14.70	13.81 13.71 13.90 14.05 13.81 13.79	13.88 13.85 14.36 14.19 14.44 14.11	13.98 14.00 14.33 14.45 14.02 14.03
	64QAM	8 15 1 1 1 8 8	7 0 7 14 0 4	14.7014.7014.7014.7014.7014.7014.7014.70	13.81 13.71 13.90 14.05 13.81 13.79 13.88	13.88 13.85 14.36 14.19 14.44 14.11 14.01	13.98 14.00 14.33 14.45 14.02 14.03 14.07
	64QAM	8 15 1 1 1 8	7 0 0 7 14 0	14.70 14.70 14.70 14.70 14.70 14.70	13.81 13.71 13.90 14.05 13.81 13.79	13.88 13.85 14.36 14.19 14.44 14.11	13.98 14.00 14.33 14.45 14.02 14.03



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiutin	wouldtion	IND SIZE	IND UIISEL	Max.	19975CH	20175CH	20375CH
		1	0	14.70	13.94	14.05	13.91
		1	13	14.70	13.95	14.02	13.92
		1	24	14.70	13.94	13.99	13.94
	QPSK	12	0	14.70	13.91	14.19	14.10
		12	6	14.70	13.90	14.18	14.09
		12	13	14.70	13.91	14.17	13.98
		25	0	14.70	13.89	13.89	14.00
		1	0	14.70	13.95	14.11	14.09
		1	13	14.70	14.11	14.09	13.89
		1	24	14.70	14.01	14.34	14.03
5MHz	16QAM	12	0	14.70	13.84	13.86	13.96
		12	6	14.70	13.87	13.90	13.95
		12	13	14.70	13.83	13.87	13.94
		25	0	14.70	13.73	13.86	13.92
		1	0	14.70	14.02	14.12	13.81
		1	13	14.70	14.22	13.93	13.94
		1	24	14.70	14.12	13.95	13.95
	64QAM	12	0	14.70	13.81	14.07	13.89
		12	6	14.70	13.76	14.09	13.91
		12	13	14.70	13.90	14.12	13.92
		25	0	14.70	13.74	13.86	13.82
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danawidin	modulation		IND ONSEL	Max.	20000CH	20175CH	20350CH
		1	0	14.70	13.92	13.99	14.02
		1	25	14.70	13.90	14.05	14.04
		1	49	14.70	13.97	14.06	14.08
	QPSK	25	0	4470	40.00	12 00	12.06
			0	14.70	13.88	13.90	13.96
		25	13	14.70	13.92	13.93	13.90
		25 25	13 25	14.70 14.70	13.92 13.92	13.93 13.90	13.90 13.98
		25	13 25 0	14.70 14.70 14.70	13.92 13.92 13.79	13.93 13.90 13.88	13.90 13.98 13.97
		25 25	13 25 0 0	14.70 14.70 14.70 14.70	13.92 13.92 13.79 13.95	13.93 13.90 13.88 14.10	13.90 13.98 13.97 14.20
		25 25 50	13 25 0 0 25	14.70 14.70 14.70 14.70 14.70	13.92 13.92 13.79 13.95 14.15	13.93 13.90 13.88 14.10 14.07	13.90 13.98 13.97 14.20 14.32
		25 25 50 1 1 1	13 25 0 0 25 49	14.70 14.70 14.70 14.70 14.70 14.70	13.92 13.92 13.79 13.95 14.15 13.98	13.93 13.90 13.88 14.10 14.07 14.10	13.90 13.98 13.97 14.20 14.32 14.14
10MHz	16QAM	25 25 50 1 1 1 25	13 25 0 0 25 49 0	14.7014.7014.7014.7014.7014.7014.7014.70	13.92 13.92 13.79 13.95 14.15 13.98 13.79	13.93 13.90 13.88 14.10 14.07 14.10 13.83	13.9013.9813.9714.2014.3214.1413.92
10MHz	16QAM	25 25 50 1 1 1 25 25	13 25 0 0 25 49 0 13	14.7014.7014.7014.7014.7014.7014.7014.7014.7014.70	13.92 13.92 13.79 13.95 14.15 13.98 13.79 13.81	13.93 13.90 13.88 14.10 14.07 14.10 13.83 13.83	13.90 13.98 13.97 14.20 14.32 14.14 13.92 13.88
10MHz	16QAM	25 25 50 1 1 1 25 25 25 25	13 25 0 25 49 0 13 25	14.7014.7014.7014.7014.7014.7014.7014.7014.7014.7014.70	13.9213.9213.7913.9514.1513.9813.7913.8113.79	13.93 13.90 13.88 14.10 14.07 14.10 13.83 13.83 13.84	13.9013.9813.9714.2014.3214.1413.9213.8813.85
10MHz	16QAM	25 25 50 1 1 1 25 25	13 25 0 25 49 0 13 25 0	14.70 14.70 14.70 14.70 14.70 14.70 14.70 14.70 14.70 14.70 14.70 14.70 14.70 14.70 14.70 14.70 14.70 14.70	13.92 13.92 13.79 13.95 14.15 13.98 13.79 13.79 13.81 13.79 13.69	13.93 13.90 13.88 14.10 14.07 14.10 13.83 13.83 13.83 13.83 13.83 13.83 13.83 13.83 13.83 13.84 13.87	13.9013.9813.9714.2014.3214.1413.9213.8813.8513.90
10MHz	16QAM	25 25 50 1 1 1 25 25 25 25	13 25 0 25 49 0 13 25 0 0	14.7014.7014.7014.7014.7014.7014.7014.7014.7014.7014.7014.7014.7014.70	13.9213.9213.7913.9514.1513.9813.7913.8113.7913.6913.96	13.93 13.90 13.88 14.10 14.07 14.10 13.83 13.83 13.84 13.87 14.12	13.9013.9813.9714.2014.3214.1413.9213.8813.8513.9014.32
10MHz	16QAM	25 25 50 1 1 1 25 25 25 25 50 1 1	13 25 0 25 49 0 13 25 0 0 0 25	14.7014.7014.7014.7014.7014.7014.7014.7014.7014.7014.7014.7014.7014.7014.70	13.92 13.92 13.79 13.95 14.15 13.98 13.79 13.81 13.79 13.69 13.96 13.88	13.93 13.90 13.88 14.10 14.07 14.10 13.83 13.83 13.83 13.84 13.87 14.12 13.98	13.9013.9813.9714.2014.3214.1413.9213.8813.8513.9014.3214.26
10MHz		25 25 50 1 1 1 25 25 25 50 1 1 1	13 25 0 25 49 0 13 25 0 0 25 49	14.7014.7014.7014.7014.7014.7014.7014.7014.7014.7014.7014.7014.7014.7014.7014.7014.7014.7014.70	13.9213.9213.7913.9514.1513.9813.7913.8113.7913.6913.9613.8813.94	13.93 13.90 13.88 14.10 14.07 14.10 13.83 13.83 13.84 13.87 14.12 13.98 14.00	13.9013.9813.9714.2014.3214.1413.9213.8813.8513.9014.3214.2614.51
10MHz	16QAM 64QAM	25 25 50 1 1 25 25 25 50 1 1 1 25	13 25 0 25 49 0 13 25 0 13 25 0 13 25 0 13 25 0 0 0 0 0 0 0 0 0 0 0	14.7014.7014.7014.7014.7014.7014.7014.7014.7014.7014.7014.7014.7014.7014.70	13.92 13.92 13.79 13.95 14.15 13.98 13.79 13.81 13.79 13.69 13.96 13.98 13.96 13.94 13.69	13.93 13.90 13.88 14.10 14.07 14.10 13.83 13.83 13.84 13.87 14.12 13.98 14.00 14.00 14.03	13.9013.9813.9714.2014.3214.1413.9213.8813.8513.9014.3214.2614.5113.85
10MHz		25 25 50 1 1 25 25 25 25 50 1 1 1 25 25 25 25	13 25 0 25 49 0 13 25 0 0 25 49 0 13	14.70	13.92 13.92 13.79 13.95 14.15 13.98 13.79 13.81 13.79 13.69 13.96 13.98 13.96 13.88 13.94 13.88 13.88	13.93 13.90 13.88 14.10 14.07 14.10 13.83 13.83 13.83 13.84 13.87 14.12 13.98 14.00 14.03 14.02	13.9013.9813.9714.2014.3214.1413.9213.8813.8513.9014.3214.2614.5113.8513.8513.85
10MHz		25 25 50 1 1 25 25 25 50 1 1 1 25	13 25 0 25 49 0 13 25 0 13 25 0 13 25 0 13 25 0 0 0 0 0 0 0 0 0 0 0	14.7014.7014.7014.7014.7014.7014.7014.7014.7014.7014.7014.7014.7014.7014.7014.7014.7014.7014.70	13.92 13.92 13.79 13.95 14.15 13.98 13.79 13.81 13.79 13.69 13.96 13.98 13.96 13.94 13.69	13.93 13.90 13.88 14.10 14.07 14.10 13.83 13.83 13.84 13.87 14.12 13.98 14.00 14.00 14.03	13.9013.9813.9714.2014.3214.1413.9213.8813.8513.9014.3214.2614.5113.85



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiutn	Modulation	RD SIZE	RD UIISEL	Max.	20025CH	20175CH	20325CH
		1	0	14.70	13.95	14.08	14.08
		1	38	14.70	13.93	14.04	14.14
		1	74	14.70	13.93	14.06	14.15
	QPSK	36	0	14.70	13.98	14.20	14.10
		36	18	14.70	13.98	14.20	14.11
		36	39	14.70	13.93	14.14	14.12
		75	0	14.70	13.80	14.08	14.02
		1	0	14.70	14.00	13.99	14.19
		1	38	14.70	14.02	14.07	14.29
		1	74	14.70	14.10	14.03	14.24
15MHz	16QAM	36	0	14.70	13.69	13.87	14.03
		36	18	14.70	13.91	13.83	14.04
		36	39	14.70	13.91	13.83	14.03
		75	0	14.70	13.84	13.86	13.84
		1	0	14.70	14.10	13.98	14.27
		1	38	14.70	14.07	14.00	14.42
		1	74	14.70	13.92	14.17	14.15
	64QAM	36	0	14.70	13.91	14.04	14.07
		36	18	14.70	13.94	14.10	13.93
		36	39	14.70	13.96	14.06	14.06
		75	0	14.70	13.70	14.07	13.86
							<u>.</u>
				Tune-up	Channel	Channel	Channel
Bandwidth	Modulation	RB size	RB offset	Tune-up Max.	Channel 20050CH	Channel 20175CH	Channel 20300CH
Bandwidth	Modulation	RB size	RB offset				
Bandwidth	Modulation			Max.	20050CH	20175CH	20300CH
Bandwidth	Modulation	1	0	Max. 14.70	20050CH 14.06	20175CH 14.18	20300CH 14.32
Bandwidth	Modulation	1 1	0 50	Max. 14.70 14.70	20050CH 14.06 14.07	20175CH 14.18 14.15	20300CH 14.32 14.25
Bandwidth		1 1 1	0 50 99	Max. 14.70 14.70 14.70	20050CH 14.06 14.07 14.07	20175CH 14.18 14.15 14.14	20300CH 14.32 14.25 14.19
Bandwidth		1 1 1 50	0 50 99 0	Max. 14.70 14.70 14.70 14.70	20050CH 14.06 14.07 14.07 13.97	20175CH 14.18 14.15 14.14 13.91	20300CH 14.32 14.25 14.19 14.10
Bandwidth		1 1 1 50 50	0 50 99 0 25	Max. 14.70 14.70 14.70 14.70 14.70	20050CH 14.06 14.07 14.07 13.97 13.93	20175CH 14.18 14.15 14.14 13.91 13.98	20300CH 14.32 14.25 14.19 14.10 14.08
Bandwidth		1 1 50 50 50	0 50 99 0 25 50	Max. 14.70 14.70 14.70 14.70 14.70 14.70	20050CH 14.06 14.07 14.07 13.97 13.93 13.96	20175CH 14.18 14.15 14.14 13.91 13.98 13.92	20300CH 14.32 14.25 14.19 14.10 14.08 14.07
Bandwidth		1 1 50 50 50 100	0 50 99 0 25 50 0 0	Max. 14.70 14.70 14.70 14.70 14.70 14.70 14.70	20050CH 14.06 14.07 14.07 13.97 13.93 13.96 13.86	20175CH 14.18 14.15 14.14 13.91 13.98 13.92 14.06	20300CH 14.32 14.25 14.19 14.10 14.08 14.07 13.99
Bandwidth		1 1 50 50 50 100 1	0 50 99 0 25 50 0	Max. 14.70 14.70 14.70 14.70 14.70 14.70 14.70 14.70	20050CH 14.06 14.07 14.07 13.97 13.93 13.96 13.86 14.02	20175CH 14.18 14.15 14.14 13.91 13.98 13.92 14.06 14.41	20300CH 14.32 14.25 14.19 14.10 14.08 14.07 13.99 14.34
	QPSK	1 1 50 50 50 100 1 1 1	0 50 99 0 25 50 0 0 50	Max. 14.70 14.70 14.70 14.70 14.70 14.70 14.70 14.70 14.70 14.70	20050CH 14.06 14.07 13.97 13.93 13.96 13.86 13.86 14.02 14.09	20175CH 14.18 14.15 14.14 13.91 13.98 13.92 14.06 14.41 14.19	20300CH 14.32 14.25 14.19 14.10 14.08 14.07 13.99 14.34 14.37
Bandwidth 20MHz		1 1 50 50 50 100 1 1 1 50	0 50 99 0 25 50 0 0 50 99 99 0	Max. 14.70	20050CH 14.06 14.07 13.97 13.93 13.96 13.86 14.02 14.09 14.06 13.87	20175CH 14.18 14.15 14.14 13.91 13.98 13.92 14.06 14.41 14.19 14.34	20300CH 14.32 14.25 14.19 14.10 14.08 14.07 13.99 14.34 14.37 14.29 13.99
	QPSK	1 1 50 50 50 100 1 1 1	0 50 99 0 25 50 0 0 50 99 0 25	Max. 14.70	20050CH 14.06 14.07 13.97 13.93 13.96 13.86 14.02 14.09 14.06	20175CH 14.18 14.15 14.14 13.91 13.98 13.92 14.06 14.41 14.19 14.34 13.92	20300CH 14.32 14.25 14.19 14.10 14.08 14.07 13.99 14.34 14.37 14.29
	QPSK	$ \begin{array}{r} 1\\ 1\\ 50\\ 50\\ 50\\ 100\\ 1\\ 1\\ 1\\ 50\\ 50\\ 50\\ 50\\ 50\\ \end{array} $	0 50 99 0 25 50 0 0 50 99 99 0	Max. 14.70	20050CH 14.06 14.07 13.97 13.93 13.96 13.86 14.02 14.09 14.06 13.87 13.88	20175CH 14.18 14.15 14.14 13.91 13.98 13.92 14.06 14.41 14.19 14.34 13.92 13.89	20300CH 14.32 14.25 14.19 14.10 14.08 14.07 13.99 14.34 14.37 14.29 13.99 14.01
	QPSK	1 1 50 50 50 100 1 1 1 50 50 50	0 50 99 0 25 50 0 0 50 99 0 25 50	Max. 14.70	20050CH 14.06 14.07 14.07 13.97 13.93 13.96 13.86 14.02 14.09 14.06 13.87 13.88 13.88	20175CH 14.18 14.15 14.14 13.91 13.98 13.92 14.06 14.41 14.19 14.34 13.92 13.89 13.90	20300CH 14.32 14.25 14.19 14.10 14.08 14.07 13.99 14.34 14.37 14.29 13.99 14.01 14.01 14.02
	QPSK	$ \begin{array}{r} 1 \\ 1 \\ 50 \\ 50 \\ 50 \\ 100 \\ 1 \\ 1 \\ 1 \\ 50 \\ 50 \\ 50 \\ 50 \\ 50 \\ \end{array} $	0 50 99 0 25 50 0 0 50 99 0 25 50 0 25 50 0 0	Max. 14.70	20050CH 14.06 14.07 13.97 13.93 13.96 13.86 14.02 14.09 14.06 13.87 13.88 13.88 13.88 13.94	20175CH 14.18 14.15 14.14 13.91 13.98 13.92 14.06 14.41 14.19 14.34 13.92 13.89 13.90 13.94	20300CH 14.32 14.25 14.19 14.10 14.08 14.07 13.99 14.34 14.37 14.29 13.99 14.01 14.02 13.92
	QPSK	$ \begin{array}{r} 1\\ 1\\ 50\\ 50\\ 50\\ 100\\ 1\\ 1\\ 50\\ 50\\ 50\\ 50\\ 100\\ 1\\ 1\\ 1 \end{array} $	0 50 99 0 25 50 0 0 50 99 0 25 50 0 0 0 50 0 5	Max. 14.70	20050CH 14.06 14.07 14.07 13.97 13.93 13.96 13.86 13.86 14.02 14.09 14.06 13.87 13.88 13.88 13.88 13.94 13.99 14.17	20175CH 14.18 14.15 14.14 13.91 13.98 13.92 14.06 14.41 14.19 14.34 13.92 13.89 13.90 13.94 13.94 14.16 14.34	20300CH 14.32 14.25 14.19 14.10 14.08 14.07 13.99 14.34 14.37 14.29 13.99 14.01 14.02 13.92 14.42 14.42 14.48
	QPSK 16QAM	$ \begin{array}{r} 1\\ 1\\ 50\\ 50\\ 50\\ 100\\ 1\\ 1\\ 1\\ 50\\ 50\\ 50\\ 50\\ 100\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1 \end{array} $	0 50 99 0 25 50 0 0 50 99 0 25 50 0 25 50 0 0	Max. 14.70	20050CH 14.06 14.07 14.07 13.97 13.93 13.96 13.86 14.02 14.09 14.06 13.87 13.88 13.88 13.88 13.94 13.99 14.17 14.28	20175CH 14.18 14.15 14.14 13.91 13.98 13.92 14.06 14.41 14.19 14.34 13.92 13.89 13.90 13.94 13.94 14.16 14.34 14.23	20300CH 14.32 14.25 14.19 14.10 14.08 14.07 13.99 14.34 14.37 14.29 13.99 14.01 14.02 13.92 14.42 14.48 14.24
	QPSK	$ \begin{array}{r} 1\\ 1\\ 50\\ 50\\ 50\\ 100\\ 1\\ 1\\ 1\\ 50\\ 50\\ 50\\ 100\\ 1\\ 1\\ 1\\ 1\\ 50\\ 50\\ 50\\ 50\\ 50\\ 50\\ 50\\ 50\\ 50\\ 50$	0 50 99 0 25 50 0 0 50 99 0 25 50 0 25 50 0 0 50 99 0 0 50 0 0 0 0	Max. 14.70	20050CH 14.06 14.07 14.07 13.97 13.93 13.96 13.86 14.02 14.09 14.06 13.87 13.88 13.88 13.88 13.94 13.99 14.17 14.28 13.94	20175CH 14.18 14.15 14.14 13.91 13.98 13.92 14.06 14.41 14.19 14.34 13.92 13.89 13.90 13.94 13.94 14.16 14.34 14.23 14.13	20300CH 14.32 14.25 14.19 14.10 14.08 14.07 13.99 14.34 14.37 14.29 13.99 14.01 14.02 13.92 14.42 14.48 14.24 14.01
	QPSK 16QAM	$ \begin{array}{r} 1 \\ 1 \\ 50 \\ 50 \\ 50 \\ 50 \\ 100 \\ 1 \\ 1 \\ 1 \\ 50 \\ 50 \\ 50 \\ 100 \\ 1 \\ 1 \\ 1 \\ 1 \\ 50 \\ $	0 50 99 0 25 50 0 0 50 99 0 25 50 0 25 50 0 0 50 99 0 25 99 0 25	Max. 14.70	20050CH 14.06 14.07 14.07 13.97 13.93 13.96 13.86 14.02 14.09 14.06 13.87 13.88 13.88 13.88 13.94 13.99 14.17 14.28 13.94 13.94	20175CH 14.18 14.15 14.14 13.91 13.98 13.92 14.06 14.41 14.19 14.34 13.92 13.89 13.90 13.94 14.16 14.34 14.23 14.13 14.12	20300CH 14.32 14.25 14.19 14.10 14.08 14.07 13.99 14.34 14.37 14.29 13.99 14.01 14.02 13.92 14.42 14.42 14.48 14.24 14.01 14.01
	QPSK 16QAM	$ \begin{array}{r} 1\\ 1\\ 50\\ 50\\ 50\\ 100\\ 1\\ 1\\ 1\\ 50\\ 50\\ 50\\ 100\\ 1\\ 1\\ 1\\ 1\\ 50\\ 50\\ 50\\ 50\\ 50\\ 50\\ 50\\ 50\\ 50\\ 50$	0 50 99 0 25 50 0 0 50 99 0 25 50 0 25 50 0 0 50 99 0 0 50 0 0 0	Max. 14.70	20050CH 14.06 14.07 14.07 13.97 13.93 13.96 13.86 14.02 14.09 14.06 13.87 13.88 13.88 13.88 13.94 13.99 14.17 14.28 13.94	20175CH 14.18 14.15 14.14 13.91 13.98 13.92 14.06 14.41 14.19 14.34 13.92 13.89 13.90 13.94 13.94 14.16 14.34 14.23 14.13	20300CH 14.32 14.25 14.19 14.10 14.08 14.07 13.99 14.34 14.37 14.29 13.99 14.01 14.02 13.92 14.42 14.48 14.24 14.01

Table 53: Test results conducted power measurement of LTE Band 4 (Reduced Power Level D3) Note: The Conducted power measurements of LTE Band 4 is measured with RMS detector.



7.1.14 Conducted power measurements of LTE Band 4(Main antenna)

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiutii	wouldtion	IND SIZE	ND UISEL	Max.	19957CH	20175CH	20393CH
		1	0	23.70	22.60	22.68	22.62
		1	3	23.70	22.55	22.64	22.61
		1	5	23.70	22.62	22.52	22.54
	QPSK	3	0	23.70	22.37	22.51	22.69
		3	2	23.70	22.57	22.69	22.69
		3	3	23.70	22.66	22.66	22.60
		6	0	22.70	21.72	22.61	21.88
		1	0	22.70	21.92	21.86	21.92
		1	3	22.70	21.61	21.99	21.77
		1	5	22.70	21.60	21.71	21.92
1.4MHz	16QAM	3	0	22.70	21.45	21.73	21.65
		3	2	22.70	21.44	21.72	21.69
		3	3	22.70	21.43	21.79	21.76
		6	0	21.70	20.52	20.77	20.83
		1	0	21.70	20.64	21.00	20.67
		1	3	21.70	20.66	20.93	20.77
		1	5	21.70	20.92	20.92	20.92
	64QAM	3	0	21.70	20.62	20.69	20.72
		3	2	21.70	20.54	20.72	20.65
		3	3	21.70	20.55	20.69	20.83
		6	0	20.70	19.60	20.00	19.65
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
		-		Max.	19965CH	20175CH	20385CH
		1	0	23.70	22.39 22.63	22.75 22.72	22.61 22.88
					// h.s		// XX
		1	7	23.70			
		1	14	23.70	22.60	22.75	22.62
	QPSK	1 8	14 0	23.70 22.70	22.60 21.54	22.75 21.72	22.62 21.69
	QPSK	1 8 8	14 0 4	23.70 22.70 22.70	22.60 21.54 21.50	22.75 21.72 21.73	22.62 21.69 21.72
	QPSK	1 8 8 8	14 0 4 7	23.70 22.70 22.70 22.70	22.60 21.54 21.50 21.54	22.75 21.72 21.73 21.70	22.62 21.69 21.72 21.77
	QPSK	1 8 8 8 15	14 0 4 7 0	23.70 22.70 22.70 22.70 22.70 22.70	22.60 21.54 21.50 21.54 21.58	22.75 21.72 21.73 21.70 21.74	22.62 21.69 21.72 21.77 21.76
	QPSK	1 8 8 8 15 1	14 0 4 7 0 0	23.70 22.70 22.70 22.70 22.70 22.70 22.70	22.60 21.54 21.50 21.54 21.58 21.80	22.75 21.72 21.73 21.70 21.74 21.91	22.62 21.69 21.72 21.77 21.76 21.76
	QPSK	1 8 8 15 1 1	14 0 4 7 0 0 0 7	23.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70	22.60 21.54 21.50 21.54 21.58 21.80 21.61	22.75 21.72 21.73 21.70 21.74 21.91 21.82	22.62 21.69 21.72 21.77 21.76 21.76 21.67
2004		1 8 8 15 1 1 1 1	14 0 4 7 0 0 0 7 14	23.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70	22.60 21.54 21.50 21.54 21.58 21.80 21.61 21.74	22.75 21.72 21.73 21.70 21.74 21.91 21.82 21.79	22.62 21.69 21.72 21.77 21.76 21.76 21.67 21.86
3MHz	QPSK 16QAM	1 8 8 15 1 1 1 1 8	14 0 4 7 0 0 0 7 14 0	23.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 21.70	22.60 21.54 21.50 21.54 21.58 21.80 21.61 21.74 20.52	22.75 21.72 21.73 21.70 21.74 21.91 21.82 21.79 20.70	22.62 21.69 21.72 21.77 21.76 21.76 21.76 21.67 21.86 20.71
3MHz		1 8 8 15 1 1 1 8 8 8	14 0 4 7 0 0 7 14 0 4	23.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 21.70 21.70	22.60 21.54 21.50 21.54 21.58 21.80 21.61 21.74 20.52 20.43	22.75 21.72 21.73 21.70 21.74 21.91 21.82 21.79 20.70 20.74	22.62 21.69 21.72 21.77 21.76 21.76 21.76 21.67 21.86 20.71 20.68
3MHz		1 8 8 15 1 1 1 1 8 8 8 8	14 0 4 7 0 0 0 7 14 0 4 7	23.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 21.70 21.70 21.70	22.60 21.54 21.50 21.54 21.58 21.80 21.61 21.74 20.52 20.43 20.43	22.75 21.72 21.73 21.70 21.74 21.91 21.82 21.79 20.70 20.74 20.67	22.62 21.69 21.72 21.77 21.76 21.76 21.67 21.86 20.71 20.68 20.62
3MHz		1 8 8 15 1 1 1 1 8 8 8 8 15	14 0 4 7 0 0 0 7 14 0 4 7 0	23.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 21.70 21.70 21.70 21.70	22.60 21.54 21.50 21.54 21.58 21.80 21.61 21.74 20.52 20.43 20.43 20.55	22.75 21.72 21.73 21.70 21.74 21.91 21.82 21.79 20.70 20.74 20.67 20.68	22.62 21.69 21.72 21.77 21.76 21.76 21.67 21.86 20.71 20.68 20.62 20.63
3MHz		1 8 8 15 1 1 1 1 8 8 8 8 15 1	14 0 4 7 0 0 7 14 0 4 7 0 4 7 0 0	23.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 21.70 21.70 21.70 21.70	22.60 21.54 21.50 21.54 21.58 21.80 21.61 21.74 20.52 20.43 20.43 20.55 20.59	22.75 21.72 21.73 21.70 21.74 21.91 21.82 21.79 20.70 20.74 20.67 20.68 21.01	22.62 21.69 21.72 21.77 21.76 21.76 21.76 21.67 21.86 20.71 20.68 20.62 20.63 20.90
3MHz		1 8 8 15 1 1 1 1 8 8 8 8 15 1 1 1	14 0 4 7 0 0 0 7 14 0 4 7 0 0 0 7	23.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 21.70 21.70 21.70 21.70 21.70 21.70	22.60 21.54 21.50 21.54 21.58 21.80 21.61 21.74 20.52 20.43 20.43 20.55 20.59 20.56	22.75 21.72 21.73 21.70 21.74 21.91 21.82 21.79 20.70 20.74 20.67 20.68 21.01 20.90	22.62 21.69 21.72 21.77 21.76 21.76 21.76 21.67 21.86 20.71 20.68 20.62 20.63 20.90 20.75
3MHz	16QAM	1 8 8 15 1 1 1 1 8 8 8 8 15 1 1 1 1	14 0 4 7 0 0 7 14 0 4 7 0 4 7 0 0 0 7 14	23.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70	22.60 21.54 21.50 21.54 21.58 21.80 21.61 21.74 20.52 20.43 20.43 20.55 20.59 20.56 20.77	22.75 21.72 21.73 21.70 21.74 21.91 21.82 21.79 20.70 20.74 20.67 20.68 21.01 20.90 20.71	22.62 21.69 21.72 21.77 21.76 21.76 21.67 21.86 20.71 20.68 20.62 20.63 20.90 20.75 20.83
3MHz		1 8 8 15 1 1 1 1 8 8 8 15 1 1 1 1 8	14 0 4 7 0 0 7 14 0 4 7 0 4 7 0 0 0 7 14 0	23.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70	22.60 21.54 21.50 21.54 21.58 21.80 21.61 21.74 20.52 20.43 20.43 20.55 20.59 20.56 20.77 19.53	22.75 21.72 21.73 21.70 21.74 21.91 21.82 21.79 20.70 20.74 20.67 20.68 21.01 20.90 20.71 19.70	22.62 21.69 21.72 21.77 21.76 21.76 21.76 21.67 21.86 20.71 20.68 20.62 20.63 20.63 20.90 20.75 20.83 19.76
3MHz	16QAM	1 8 8 15 1 1 1 1 8 8 8 15 1 1 1 1 8 8 8 8	14 0 4 7 0 0 7 14 0 4 7 0 4 7 0 0 7 14 0 4	23.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70	22.60 21.54 21.50 21.54 21.58 21.80 21.61 21.74 20.52 20.43 20.43 20.43 20.55 20.59 20.56 20.77 19.53 19.49	22.75 21.72 21.73 21.70 21.74 21.91 21.82 21.79 20.70 20.74 20.67 20.68 21.01 20.90 20.71 19.70 19.73	22.62 21.69 21.72 21.77 21.76 21.76 21.76 21.67 21.86 20.71 20.68 20.62 20.63 20.90 20.75 20.83 19.76 19.78
3MHz	16QAM	1 8 8 15 1 1 1 1 8 8 8 15 1 1 1 1 8	14 0 4 7 0 0 7 14 0 4 7 0 4 7 0 0 0 7 14 0	23.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70	22.60 21.54 21.50 21.54 21.58 21.80 21.61 21.74 20.52 20.43 20.43 20.55 20.59 20.56 20.77 19.53	22.75 21.72 21.73 21.70 21.74 21.91 21.82 21.79 20.70 20.74 20.67 20.68 21.01 20.90 20.71 19.70	22.62 21.69 21.72 21.77 21.76 21.76 21.76 21.86 20.71 20.68 20.62 20.63 20.63 20.90 20.75 20.83 19.76



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiutin	wouldtion	ND SIZE	ND UISEL	Max.	19975CH	20175CH	20375CH
		1	0	23.70	22.50	22.68	22.67
		1	13	23.70	22.48	22.65	22.70
		1	24	23.70	22.55	22.70	22.91
	QPSK	12	0	22.70	21.60	21.75	21.84
		12	6	22.70	21.68	21.75	21.81
		12	13	22.70	21.67	21.79	21.79
		25	0	22.70	21.59	21.78	21.78
		1	0	22.70	21.60	21.80	21.89
		1	13	22.70	21.76	21.88	22.05
		1	24	22.70	21.65	22.00	21.91
5MHz	16QAM	12	0	21.70	20.69	20.73	20.80
		12	6	21.70	20.64	20.75	20.86
		12	13	21.70	20.66	20.70	20.76
		25	0	21.70	20.45	20.69	20.71
		1	0	21.70	20.63	20.91	20.84
		1	13	21.70	20.62	20.77	20.94
		1	24	21.70	20.69	20.77	20.74
	64QAM	12	0	20.70	19.67	19.82	19.87
		12	6	20.70	19.65	19.71	19.88
		12	13	20.70	19.68	19.73	19.89
		25	0	20.70	19.52	19.73	19.75
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwidin	Wouldtion	110 3126	IND UNSEL	Max.	20000CH	20175CH	20350CH
		1	0	23.70	22.43	22.99	22.77
		1	25	23.70	22.50	22.71	22.83
		1	49	23.70	22.53	22.69	22.81
	QPSK	25	0	22.70	21.62	21.74	21.84
		25	13	22.70	21.60	21.72	21.87
		25	25	22.70	21.61	21.72	21.89
		50	0	22.70	21.55	21.77	21.77
		1	0		04.00	04 00	21.84
		-		22.70	21.63	21.83	
		1	25	22.70	21.50	21.84	21.91
		1 1	25 49	22.70 22.70	21.50 21.56	21.84 21.82	21.91 21.78
10MHz	16QAM	1 1 25	25 49 0	22.70 22.70 21.70	21.50 21.56 20.57	21.84 21.82 20.68	21.91 21.78 20.88
10MHz	16QAM	1 1 25 25	25 49 0 13	22.70 22.70 21.70 21.70	21.50 21.56 20.57 20.58	21.84 21.82 20.68 20.71	21.91 21.78 20.88 20.80
10MHz	16QAM	1 1 25 25 25 25	25 49 0 13 25	22.70 22.70 21.70 21.70 21.70	21.50 21.56 20.57 20.58 20.59	21.84 21.82 20.68 20.71 20.70	21.91 21.78 20.88 20.80 20.87
10MHz	16QAM	1 1 25 25	25 49 0 13 25 0	22.70 22.70 21.70 21.70 21.70 21.70	21.50 21.56 20.57 20.58 20.59 20.49	21.84 21.82 20.68 20.71 20.70 20.71	21.91 21.78 20.88 20.80 20.87 20.69
10MHz	16QAM	1 1 25 25 25 25	25 49 0 13 25 0 0	22.70 22.70 21.70 21.70 21.70 21.70 21.70	21.50 21.56 20.57 20.58 20.59 20.49 20.65	21.84 21.82 20.68 20.71 20.70 20.71 20.89	21.91 21.78 20.88 20.80 20.87 20.69 21.06
10MHz	16QAM	1 25 25 25 50 1 1	25 49 0 13 25 0 0 25	22.70 22.70 21.70 21.70 21.70 21.70 21.70 21.70	21.50 21.56 20.57 20.58 20.59 20.49 20.65 20.63	21.84 21.82 20.68 20.71 20.70 20.71 20.89 20.98	21.91 21.78 20.88 20.80 20.87 20.69 21.06 20.89
10MHz		1 25 25 25 50 1 1 1	25 49 0 13 25 0 0 25 49	22.70 22.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70	21.50 21.56 20.57 20.58 20.59 20.49 20.65 20.63 20.71	21.84 21.82 20.68 20.71 20.70 20.71 20.89 20.98 21.01	21.91 21.78 20.88 20.80 20.87 20.69 21.06 20.89 21.04
10MHz	16QAM 64QAM	1 25 25 25 50 1 1	25 49 0 13 25 0 0 25	22.70 22.70 21.70 21.70 21.70 21.70 21.70 21.70	21.50 21.56 20.57 20.58 20.59 20.49 20.65 20.63	21.84 21.82 20.68 20.71 20.70 20.71 20.89 20.98	21.91 21.78 20.88 20.80 20.87 20.69 21.06 20.89
10MHz		1 25 25 25 50 1 1 1	25 49 0 13 25 0 0 25 49	22.70 22.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70	21.50 21.56 20.57 20.58 20.59 20.49 20.65 20.63 20.71	21.84 21.82 20.68 20.71 20.70 20.71 20.89 20.98 21.01	21.91 21.78 20.88 20.80 20.87 20.69 21.06 20.89 21.04
10MHz		1 25 25 25 50 1 1 1 25	25 49 0 13 25 0 0 25 49 0	22.70 22.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 20.70	21.50 21.56 20.57 20.58 20.59 20.49 20.65 20.63 20.71 19.58	21.84 21.82 20.68 20.71 20.70 20.71 20.89 20.98 21.01 19.74	21.91 21.78 20.88 20.80 20.87 20.69 21.06 20.89 21.04 19.89



odulation QPSK	RB size	RB offset 0 38	Max. 23.70	20025CH 22.52	20175CH	20325CH
QPSK	1 1	38		22.52		20020011
QPSK	1		22.70		22.91	22.78
QPSK			23.70	22.64	22.91	22.76
QPSK		74	23.70	22.62	22.93	22.86
	36	0	22.70	21.68	21.80	21.87
	36	18	22.70	21.66	21.79	21.88
	36	39	22.70	21.64	21.78	21.90
	75	0	22.70	21.59	21.78	21.79
	1	0	22.70	21.55	22.11	22.02
	1	38	22.70	21.64	22.07	21.96
	1	74	22.70	21.61	21.94	22.01
16QAM	36	0	21.70	20.60	20.71	20.90
	36	18	21.70	20.64	20.73	20.92
	36	39	21.70	20.63	20.76	20.79
	75	0	21.70	20.54	20.68	20.74
	1	0	21.70	20.70	20.82	20.84
	1			20.67	20.93	20.94
	1			20.60	20.76	20.90
64QAM	36				19.81	19.90
						19.94
						19.95
		0				19.84
			Tune-up	Channel	Channel	Channel
odulation	RB SIZE	RB offset	Max.	20050CH	20175CH	20300CH
	1	0	23.70	22.71	22.85	23.17
	1	50	23.70	22.81	22.84	23.15
	1	99	23.70	22.65	22.86	23.12
QPSK	50	0	22.70	21.68	21.81	21.98
	50	25	22.70	21.65	21.86	21.93
	50	50	22.70	21.66	21.83	21.89
	100	0	22.70	21.62	21.83	21.85
	1	0	22.70	21.85	22.26	22.30
	1	50	22.70	21.85	22.18	21.91
	1	99	22.70	21.85	22.11	22.24
16QAM	50	0	21.70	20.58	20.79	20.91
	50	25		20.59	20.73	20.89
	50	50	21.70	20.61	20.71	20.91
	100	0	21.70	20.63	20.74	20.84
		0	21.70	20.99	20.90	21.13
	1	U				
	<u>1</u> 1	-		20.98	20.90	21.26
	1 1 1	50	21.70		20.90 20.79	
64QAM	1 1 1 50	50 99	21.70 21.70	20.96	20.79	21.08
64QAM	1 1 50 50	50 99 0	21.70 21.70 20.70	20.96 19.58	20.79 19.86	21.08 19.93
64QAM	1 1 50 50 50	50 99	21.70 21.70	20.96	20.79	21.08
	16QAM 64QAM odulation QPSK 16QAM	Arrow 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 0 1 38 1 74 36 0 36 18 36 39 75 0 1 38 1 74 36 39 75 0 1 38 1 74 64QAM 36 36 38 1 74 36 0 36 18 36 39 75 0 odulation RB size RB offset 1 0 1 50 1 99 50 50 100 0 1 0 1 50 100 0 1 99 1 99 1 99 1 99 1 99 1	1 0 22.70 1 38 22.70 1 74 22.70 1 74 22.70 36 0 21.70 36 18 21.70 36 39 21.70 36 39 21.70 75 0 21.70 1 0 21.70 1 0 21.70 1 38 21.70 1 38 21.70 1 38 21.70 1 38 21.70 1 74 21.70 1 74 21.70 36 18 20.70 36 39 20.70 36 39 20.70 0 20.70 1 0 23.70 1 1 99 23.70 1 99 23.70 50 50 22.70	1 0 22.70 21.55 1 38 22.70 21.64 1 74 22.70 21.61 36 0 21.70 20.60 36 18 21.70 20.64 36 39 21.70 20.63 75 0 21.70 20.63 75 0 21.70 20.63 1 0 21.70 20.63 75 0 21.70 20.63 1 0 21.70 20.63 75 0 21.70 20.60 1 38 21.70 20.60 1 74 21.70 20.60 36 18 20.70 19.67 36 18 20.70 19.65 36 39 20.70 19.60 0dulation RB size RB offset Max. 20050CH 1 99 23.70 22.65 50 </td <td>1 0 22.70 21.55 22.11 1 38 22.70 21.64 22.07 1 74 22.70 21.61 21.94 36 0 21.70 20.60 20.71 36 18 21.70 20.64 20.73 36 39 21.70 20.63 20.76 75 0 21.70 20.63 20.76 75 0 21.70 20.63 20.76 75 0 21.70 20.63 20.76 1 38 21.70 20.67 20.93 1 74 21.70 20.60 20.76 1 36 18 20.70 19.61 19.81 36 39 20.70 19.65 19.81 36 39 20.70 19.60 19.76 0dulation RB size RB offset Tune-up Channel Channel Max. 20050CH 20</td>	1 0 22.70 21.55 22.11 1 38 22.70 21.64 22.07 1 74 22.70 21.61 21.94 36 0 21.70 20.60 20.71 36 18 21.70 20.64 20.73 36 39 21.70 20.63 20.76 75 0 21.70 20.63 20.76 75 0 21.70 20.63 20.76 75 0 21.70 20.63 20.76 1 38 21.70 20.67 20.93 1 74 21.70 20.60 20.76 1 36 18 20.70 19.61 19.81 36 39 20.70 19.65 19.81 36 39 20.70 19.60 19.76 0dulation RB size RB offset Tune-up Channel Channel Max. 20050CH 20

Table 54: Test results conducted power measurement of LTE Band 4 (Full Power)



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiuin	Modulation	KD SIZE	RD UIISEL	Max.	19957CH	20175CH	20393CH
		1	0	22.70	21.77	21.97	22.00
		1	3	22.70	21.65	21.97	22.03
		1	5	22.70	21.75	21.95	22.00
	QPSK	3	0	22.70	21.64	21.95	21.88
		3	2	22.70	21.73	21.82	21.88
		3	3	22.70	21.58	21.81	21.89
		6	0	22.70	21.77	21.80	21.75
		1	0	22.70	21.82	21.57	21.86
		1	3	22.70	21.74	21.86	21.90
		1	5	22.70	21.63	21.89	21.79
1.4MHz	16QAM	3	0	22.70	21.46	21.92	21.73
		3	2	22.70	21.55	21.78	21.70
		3	3	22.70	21.54	21.85	21.80
		6	0	21.70	20.65	20.87	20.69
		1	0	21.70	20.74	20.89	20.93
		1	3	21.70	20.79	20.87	20.92
		1	5	21.70	20.67	20.89	21.07
	64QAM	3	0	21.70	20.55	20.83	20.75
		3	2	21.70	20.54	20.86	20.84
		3	3	21.70	20.61	20.95	20.82
		6	0	20.70	19.53	19.69	19.95
Dondwidth	Madulation		DD offeet	Tune-up	Channel	Channel	Channel
Bandwidth	Modulation	RB size	RB offset	Max.	19965CH	20175CH	20385CH
		1	0	22.70	21.50	21.84	21.80
		1	7	22.70	21.58	21.82	21.80
		1	14	22.70	21.52	21.90	21.81
	QPSK	8	0	22.70	21.58	21.79	21.75
		8	4	22.70	21.55	21.71	21.81
		8	7	22.70	21.51	21.77	21.81
		15	0	22.70	21.65	22.01	21.79
		1	0	22.70	21.68	21.93	21.84
		1	7	22.70	21.52	21.91	21.61
		1	14	22.70	21.39	21.98	21.57
3MHz	16QAM	8	0	21.70	20.51	20.69	20.74
	I I UQAM			1			
	10QAW	8	4	21.70	20.55	20.65	20.75
	TOQAN	8 8	4 7	21.70 21.70	20.55 20.45	20.65 20.75	20.75 20.68
	TOQAW						
		8	7	21.70	20.45	20.75	20.68
		8	7 0	21.70 21.70	20.45 20.59	20.75 20.73	20.68 20.70
		8 15 1	7 0 0	21.70 21.70 21.70	20.45 20.59 20.60	20.75 20.73 20.67	20.68 20.70 21.03
	64QAM	8 15 1 1	7 0 0 7	21.70 21.70 21.70 21.70	20.45 20.59 20.60 20.69	20.75 20.73 20.67 21.02	20.68 20.70 21.03 21.09
		8 15 1 1 1 1	7 0 0 7 14	21.70 21.70 21.70 21.70 21.70	20.45 20.59 20.60 20.69 20.82	20.75 20.73 20.67 21.02 20.97	20.68 20.70 21.03 21.09 20.84
		8 15 1 1 1 8	7 0 0 7 14 0	21.70 21.70 21.70 21.70 21.70 20.70	20.45 20.59 20.60 20.69 20.82 19.62	20.75 20.73 20.67 21.02 20.97 19.83	20.68 20.70 21.03 21.09 20.84 19.81



Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
	IVD SIZE	IND UIISEL	Max.	19975CH	20175CH	20375CH
	1	0	22.70	21.65	22.04	21.80
	1	13	22.70	21.65	22.03	21.78
	1	24	22.70	21.63	21.74	21.82
QPSK	12	0	22.70	21.67	21.81	21.83
	12	6	22.70	21.67	21.76	21.85
	12	13	22.70	21.65	21.75	21.84
	25	0	22.70	21.59	21.77	21.79
	1	0	22.70	21.70	21.87	22.00
	1	13	22.70	21.65	21.90	22.14
	1	24	22.70	21.70	21.78	21.97
16QAM	12	0	21.70	20.66	20.72	20.90
	12	6	21.70	20.68	20.75	20.88
	12	13	21.70	20.66	20.72	20.87
	25	0	21.70	20.49	20.71	20.74
	1	0	21.70	20.84	20.76	20.97
	1	13	21.70	20.82	20.85	20.84
	1	24	21.70	20.91	20.87	20.83
64QAM	12	0	20.70	19.73	19.81	19.93
	12	6	20.70	19.70	19.80	19.95
	12	13	20.70	19.70	19.78	19.94
	25	0	20.70	19.61	19.77	19.83
Andulation			Tune-up	Channel	Channel	Channel
viodulation	RB SIZE	RB Oliset	Max.	20000CH	20175CH	20350CH
	1	0	22.70	21.55	21.83	21.96
	1	25	22.70	21.56	21.83	21.94
	1	49	22.70	21.54	21.81	21.94
QPSK	25	0	22.70	21.59	21.77	21.87
	25	13	22.70	21.59	21.70	21.89
	25	25	22.70	21.61	21.74	21.90
	50	0	22.70	21.62	21.81	21.81
	1	0	22.70	21.46	21.87	21.99
	1	25	22.70	21.47	21.64	21.96
	1	49	22.70	21.59	21.82	21.88
16QAM	25	0	21.70	20.57	20.69	20.94
	25	13	21.70	20.57	20.70	20.93
	25	25	21.70	20.59	20.72	20.93
	50	0	21.70	20.48	20.70	20.71
	1	0	21.70	20.56	20.78	21.02
	1	25	21.70	20.76	20.94	20.89
		20	21.10		20.01	
	1			20.68	21.10	21.08
64QAM	1	49	21.70 20.70		21.10	
64QAM	1 25	49 0	21.70 20.70	20.68		21.08
64QAM	1	49	21.70	20.68 19.67	21.10 19.71	21.08 19.92
	16QAM 64QAM Modulation	12 12 25 1 1 1 1 1 1 1 12 12 12 12 12 12 25 1 1 1 1 64QAM 12 12 25 Modulation RB size 1 <td>12 6 12 13 25 0 1 0 1 13 1 24 1 24 12 0 12 6 12 13 25 0 12 13 25 0 12 13 25 0 1 13 1 24 64QAM 12 1 13 1 24 12 0 12 6 12 13 25 0 Modulation RB size RB offset 1 25 1 1 25 1 25 13 25 50 0 1 1 25 1 1 49 1 1 49 1</td> <td>12 6 22.70 12 13 22.70 25 0 22.70 1 0 22.70 1 13 22.70 1 13 22.70 1 13 22.70 1 24 22.70 1 24 22.70 1 24 22.70 12 6 21.70 12 13 21.70 12 13 21.70 12 13 21.70 1 0 21.70 1 13 21.70 1 13 21.70 1 24 21.70 12 13 20.70 12 13 20.70 12 13 20.70 12 13 20.70 12 13 20.70 1 25 22.70 1 25 22.70</td> <td>12 6 22.70 21.67 12 13 22.70 21.65 25 0 22.70 21.59 1 0 22.70 21.70 1 13 22.70 21.70 1 13 22.70 21.70 1 12 0 21.70 20.65 12 6 21.70 20.66 25 12 13 21.70 20.66 25 0 21.70 20.68 12 13 21.70 20.68 25 0 21.70 20.49 1 0 21.70 20.82 1 24 21.70 20.82 1 12 0 20.70 19.73 12 6 20.70 19.73 12 0 20.70 19.70 20.82 1 10 22.70 21.55 12 13 20.70 19.70 20.70 15.5 1 25.0</td> <td>12 6 22.70 21.67 21.76 12 13 22.70 21.65 21.75 25 0 22.70 21.65 21.77 1 0 22.70 21.65 21.77 1 13 22.70 21.65 21.90 1 24 22.70 21.65 21.90 1 24 22.70 21.70 21.87 1 12 6 21.70 21.70 21.78 12 6 21.70 20.66 20.72 25 0 21.70 20.49 20.71 12 13 21.70 20.88 20.76 1 13 21.70 20.84 20.76 1 13 21.70 20.81 20.87 1 24 21.70 20.91 20.87 12 13 20.70 19.73 19.81 12 6 20.70 19.73 19.81</td>	12 6 12 13 25 0 1 0 1 13 1 24 1 24 12 0 12 6 12 13 25 0 12 13 25 0 12 13 25 0 1 13 1 24 64QAM 12 1 13 1 24 12 0 12 6 12 13 25 0 Modulation RB size RB offset 1 25 1 1 25 1 25 13 25 50 0 1 1 25 1 1 49 1 1 49 1	12 6 22.70 12 13 22.70 25 0 22.70 1 0 22.70 1 13 22.70 1 13 22.70 1 13 22.70 1 24 22.70 1 24 22.70 1 24 22.70 12 6 21.70 12 13 21.70 12 13 21.70 12 13 21.70 1 0 21.70 1 13 21.70 1 13 21.70 1 24 21.70 12 13 20.70 12 13 20.70 12 13 20.70 12 13 20.70 12 13 20.70 1 25 22.70 1 25 22.70	12 6 22.70 21.67 12 13 22.70 21.65 25 0 22.70 21.59 1 0 22.70 21.70 1 13 22.70 21.70 1 13 22.70 21.70 1 12 0 21.70 20.65 12 6 21.70 20.66 25 12 13 21.70 20.66 25 0 21.70 20.68 12 13 21.70 20.68 25 0 21.70 20.49 1 0 21.70 20.82 1 24 21.70 20.82 1 12 0 20.70 19.73 12 6 20.70 19.73 12 0 20.70 19.70 20.82 1 10 22.70 21.55 12 13 20.70 19.70 20.70 15.5 1 25.0	12 6 22.70 21.67 21.76 12 13 22.70 21.65 21.75 25 0 22.70 21.65 21.77 1 0 22.70 21.65 21.77 1 13 22.70 21.65 21.90 1 24 22.70 21.65 21.90 1 24 22.70 21.70 21.87 1 12 6 21.70 21.70 21.78 12 6 21.70 20.66 20.72 25 0 21.70 20.49 20.71 12 13 21.70 20.88 20.76 1 13 21.70 20.84 20.76 1 13 21.70 20.81 20.87 1 24 21.70 20.91 20.87 12 13 20.70 19.73 19.81 12 6 20.70 19.73 19.81



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiuti	wouldtion	IND SIZE	IND UIISEL	Max.	20025CH	20175CH	20325CH
		1	0	22.70	21.62	21.78	21.93
		1	38	22.70	21.59	21.96	21.91
		1	74	22.70	21.61	21.93	21.90
	QPSK	36	0	22.70	21.64	21.79	21.97
		36	18	22.70	21.62	21.79	21.87
		36	39	22.70	21.62	21.84	21.88
		75	0	22.70	21.61	21.73	21.81
		1	0	22.70	21.56	21.95	22.00
		1	38	22.70	21.73	22.02	21.92
		1	74	22.70	21.72	21.76	21.79
15MHz	16QAM	36	0	21.70	20.59	20.77	20.91
		36	18	21.70	20.61	20.74	20.90
		36	39	21.70	20.60	20.80	20.91
		75	0	21.70	20.55	20.72	20.73
		1	0	21.70	20.82	21.10	20.94
		1	38	21.70	20.80	20.93	21.07
		1	74	21.70	20.74	20.90	20.91
	64QAM	36	0	20.70	19.73	19.76	19.90
		36	18	20.70	19.73	19.79	19.89
		36	39	20.70	19.72	19.79	19.89
		75	0	20.70	19.60	19.78	19.84
				Tuna	Channel	Channel	Channel
Donalyziath	Madulation		DD offeet	Tune-up	Channel	Channel	Channel
Bandwidth	Modulation	RB size	RB offset	Max.	20050CH	20175CH	20300CH
Bandwidth	Modulation	RB size	RB offset 0	•			
Bandwidth	Modulation	-		Max.	20050CH	20175CH	20300CH
Bandwidth	Modulation	1	0	Max. 22.70	20050CH 21.88	20175CH 21.97	20300CH 22.23
Bandwidth	Modulation QPSK	1 1	0 50	Max. 22.70 22.70	20050CH 21.88 21.87	20175CH 21.97 21.95	20300CH 22.23 22.21
Bandwidth		1 1 1	0 50 99	Max. 22.70 22.70 22.70	20050CH 21.88 21.87 21.87	20175CH 21.97 21.95 21.95	20300CH 22.23 22.21 22.27
Bandwidth		1 1 1 50	0 50 99 0	Max. 22.70 22.70 22.70 22.70 22.70	20050CH 21.88 21.87 21.87 21.64	20175CH 21.97 21.95 21.95 21.77	20300CH 22.23 22.21 22.27 21.92
Bandwidth		1 1 1 50 50	0 50 99 0 25	Max. 22.70 22.70 22.70 22.70 22.70 22.70	20050CH 21.88 21.87 21.87 21.64 21.70	20175CH 21.97 21.95 21.95 21.77 21.86	20300CH 22.23 22.21 22.27 21.92 21.94
Bandwidth		1 1 50 50 50	0 50 99 0 25 50	Max. 22.70 22.70 22.70 22.70 22.70 22.70 22.70	20050CH 21.88 21.87 21.87 21.64 21.70 21.68	20175CH 21.97 21.95 21.95 21.77 21.86 21.84	20300CH 22.23 22.21 22.27 21.92 21.94 21.94
Bandwidth		1 1 50 50 50 100	0 50 99 0 25 50 0	Max. 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70	20050CH 21.88 21.87 21.87 21.64 21.64 21.68 21.69	20175CH 21.97 21.95 21.95 21.77 21.86 21.84 21.85	20300CH 22.23 22.21 22.27 21.92 21.94 21.94 21.91
Bandwidth		1 1 50 50 50 100 1	0 50 99 0 25 50 0 0	Max. 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70	20050CH 21.88 21.87 21.87 21.64 21.64 21.68 21.69 22.02	20175CH 21.97 21.95 21.95 21.77 21.86 21.84 21.85 22.06	20300CH 22.23 22.21 22.27 21.92 21.94 21.94 21.91 22.33
Bandwidth		1 1 50 50 50 100 1 1	0 50 99 0 25 50 0 0 50	Max. 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70	20050CH 21.88 21.87 21.87 21.64 21.64 21.68 21.69 22.02 21.73	20175CH 21.97 21.95 21.77 21.86 21.84 21.85 22.06 22.14	20300CH 22.23 22.21 22.27 21.92 21.94 21.94 21.91 22.33 22.15
	QPSK	1 1 50 50 50 100 1 1 1	0 50 99 0 25 50 0 0 50 99	Max. 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70	20050CH 21.88 21.87 21.87 21.64 21.64 21.68 21.69 22.02 21.73 22.06	20175CH 21.97 21.95 21.95 21.77 21.86 21.84 21.85 22.06 22.14 21.90	20300CH 22.23 22.21 22.27 21.92 21.94 21.94 21.91 22.33 22.15 22.08
	QPSK	1 1 50 50 50 100 1 1 1 50	0 50 99 0 25 50 0 0 50 99 99 0	Max. 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70	20050CH 21.88 21.87 21.87 21.64 21.64 21.68 21.69 22.02 21.73 22.06 20.65	20175CH 21.97 21.95 21.95 21.77 21.86 21.84 21.85 22.06 22.14 21.90 20.79	20300CH 22.23 22.21 22.27 21.92 21.94 21.94 21.91 22.33 22.15 22.08 20.84
	QPSK	1 1 50 50 50 100 1 1 1 50 50	0 50 99 0 25 50 0 0 50 99 0 25	Max. 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70	20050CH 21.88 21.87 21.87 21.64 21.64 21.68 21.69 22.02 21.73 22.06 20.65 20.56	20175CH 21.97 21.95 21.77 21.86 21.84 21.85 22.06 22.14 21.90 20.79 20.72	20300CH 22.23 22.21 22.27 21.92 21.94 21.94 21.91 22.33 22.15 22.08 20.84 20.85
	QPSK	$ \begin{array}{r} 1 \\ 1 \\ 50 \\ 50 \\ 50 \\ 100 \\ 1 \\ 1 \\ 1 \\ 50 \\ $	0 50 99 0 25 50 0 0 50 99 0 25 50	Max. 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 21.70 21.70	20050CH 21.88 21.87 21.87 21.64 21.70 21.68 21.69 22.02 21.73 22.06 20.65 20.56 20.58	20175CH 21.97 21.95 21.95 21.77 21.86 21.84 21.85 22.06 22.14 21.90 20.79 20.72 20.72	20300CH 22.23 22.21 22.27 21.92 21.94 21.94 21.91 22.33 22.15 22.08 20.84 20.85 20.86
	QPSK	$ \begin{array}{r} 1 \\ 1 \\ 50 \\ 50 \\ 50 \\ 100 \\ 1 \\ 1 \\ 1 \\ 50 \\ $	0 50 99 0 25 50 0 0 50 99 0 25 50 0	Max. 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 21.70 21.70 21.70	20050CH 21.88 21.87 21.87 21.64 21.64 21.68 21.69 22.02 21.73 22.06 20.65 20.56 20.58 20.58	20175CH 21.97 21.95 21.95 21.77 21.86 21.84 21.85 22.06 22.14 21.90 20.79 20.72 20.72 20.72	20300CH 22.23 22.21 22.27 21.92 21.94 21.94 21.94 21.91 22.33 22.15 22.08 20.84 20.85 20.86 20.93
	QPSK	$ \begin{array}{r} 1\\ 1\\ 50\\ 50\\ 50\\ 100\\ 1\\ 1\\ 1\\ 50\\ 50\\ 50\\ 100\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\$	0 50 99 0 25 50 0 0 50 99 0 25 50 0 25 50 0 0	Max. 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 21.70 21.70 21.70 21.70	20050CH 21.88 21.87 21.87 21.64 21.64 21.69 22.02 21.73 22.06 20.65 20.56 20.58 20.60 20.88	20175CH 21.97 21.95 21.95 21.77 21.86 21.84 21.85 22.06 22.14 21.90 20.79 20.72 20.72 20.72 20.74 21.09	20300CH 22.23 22.21 22.27 21.92 21.94 21.94 21.91 22.33 22.15 22.08 20.84 20.85 20.86 20.93 21.04
	QPSK	$ \begin{array}{r} 1\\ 1\\ 50\\ 50\\ 50\\ 100\\ 1\\ 1\\ 50\\ 50\\ 50\\ 50\\ 100\\ 1\\ 1\\ 1\\ 1 \end{array} $	0 50 99 0 25 50 0 0 50 99 0 25 50 0 0 0 50 50	Max. 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 21.70 21.70 21.70 21.70 21.70 21.70	20050CH 21.88 21.87 21.87 21.64 21.64 21.69 22.02 21.73 22.06 20.65 20.56 20.56 20.58 20.60 20.88 21.02	20175CH 21.97 21.95 21.77 21.86 21.84 21.85 22.06 22.14 21.90 20.79 20.72 20.72 20.72 20.74 21.09 20.98	20300CH 22.23 22.21 22.27 21.92 21.94 21.94 21.91 22.33 22.15 22.08 20.84 20.85 20.86 20.93 21.04 21.09
	QPSK 16QAM	$ \begin{array}{r} 1\\ 1\\ 50\\ 50\\ 50\\ 100\\ 1\\ 1\\ 1\\ 50\\ 50\\ 50\\ 50\\ 100\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1 \end{array} $	0 50 99 0 25 50 0 0 50 99 0 25 50 0 25 50 0 0 50 99	Max. 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70	20050CH 21.88 21.87 21.87 21.64 21.70 21.68 21.69 22.02 21.73 22.06 20.65 20.56 20.56 20.58 20.60 20.88 21.02 21.00	20175CH 21.97 21.95 21.95 21.77 21.86 21.84 21.85 22.06 22.14 21.90 20.79 20.72 20.72 20.72 20.74 21.09 20.98 20.84	20300CH 22.23 22.21 22.27 21.92 21.94 21.94 21.91 22.33 22.15 22.08 20.84 20.85 20.86 20.93 21.04 21.09 21.07
	QPSK 16QAM	$ \begin{array}{r} 1 \\ 1 \\ 50 \\ 50 \\ 50 \\ 50 \\ 100 \\ 1 \\ 1 \\ 50 \\ 50 \\ 50 \\ 100 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 50 \\ 5$	0 50 99 0 25 50 0 0 50 99 0 25 50 0 25 50 0 0 50 99 0 0 50 0 0 0 0 0	Max. 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70	20050CH 21.88 21.87 21.87 21.64 21.70 21.68 21.69 22.02 21.73 22.06 20.65 20.56 20.56 20.58 20.60 20.88 21.02 21.00 19.67	20175CH 21.97 21.95 21.95 21.77 21.86 21.84 21.85 22.06 22.14 21.90 20.79 20.72 20.72 20.72 20.74 21.09 20.98 20.84 19.78	20300CH 22.23 22.21 22.27 21.92 21.94 21.94 21.91 22.33 22.15 22.08 20.84 20.85 20.86 20.93 21.04 21.09 21.07 19.96
	QPSK 16QAM	$ \begin{array}{c} 1\\ 1\\ 1\\ 50\\ 50\\ 50\\ 100\\ 1\\ 1\\ 1\\ 50\\ 50\\ 50\\ 100\\ 1\\ 1\\ 1\\ 50\\ 50\\ 50\\ 50\\ 50\\ 50\\ 50\\ 50\\ 50\\ 50$	0 50 99 0 25 50 0 0 50 99 0 25 50 0 25 50 0 0 50 99 0 25 99 0 25	Max. 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 22.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70 21.70	20050CH 21.88 21.87 21.87 21.64 21.70 21.68 21.69 22.02 21.73 22.06 20.65 20.56 20.56 20.58 20.60 20.88 21.02 21.00 19.67 19.69	20175CH 21.97 21.95 21.95 21.77 21.86 21.84 21.85 22.06 22.14 21.90 20.79 20.79 20.72 20.72 20.74 21.09 20.98 20.84 19.78 19.79	20300CH 22.23 22.21 22.27 21.92 21.94 21.94 21.91 22.33 22.15 22.08 20.84 20.85 20.86 20.93 21.04 21.09 21.07 19.96 19.97

Table 55: Test results conducted power measurement of LTE Band 4 (Reduced Power Level D3/D4/D5/D6)

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



7.1.15 Conducted power measurements of LTE Band 5(Second antenna)

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiuti	Modulation	IND SIZE	IND UIISEL	Max.	20407CH	20525CH	20643CH
		1	0	24.50	23.65	23.72	23.57
		1	3	24.50	23.64	23.46	23.74
		1	5	24.50	23.66	23.74	23.60
	QPSK	3	0	24.50	22.74	22.70	22.73
		3	2	24.50	22.63	22.65	22.68
		3	3	24.50	22.65	22.73	22.72
		6	0	23.50	22.71	22.73	22.72
		1	0	23.50	23.02	22.73	22.72
		1	3	23.50	22.67	22.78	22.74
		1	5	23.50	23.01	22.78	22.73
1.4MHz	16QAM	3	0	23.50	21.71	21.68	21.55
		3	2	23.50	21.71	21.58	21.75
		3	3	23.50	21.67	21.56	21.63
		6	0	22.50	21.57	21.69	21.66
		1	0	22.50	21.63	21.67	21.54
		1	3	22.50	21.77	21.66	21.53
		1	5	22.50	21.80	21.73	21.65
	64QAM	3	0	22.50	20.52	20.51	20.48
		3	2	22.50	20.56	20.52	20.45
		3	3	22.50	20.61	20.52	20.41
		6	0	21.50	20.66	20.60	20.52
D e re els si el the				Tune-up	Channel	Channel	Channel
Bandwidth	Modulation	RB size	RB offset	Max.	20415CH	20525CH	20635CH
		1	0	24.50	23.73	23.71	23.57
		1	7	24.50	23.64	23.46	23.74
		1	14	24.50	23.66	23.74	23.60
	QPSK	8	0	23.50	22.74	22.70	22.73
		8	4	23.50	22.63	22.76	22.68
					22.63 22.65		
		8	4	23.50		22.76	22.68
		8 8	4 7	23.50 23.50	22.65	22.76 22.73	22.68 22.72
		8 8 15	4 7 0	23.50 23.50 23.50 23.50	22.65 22.71	22.76 22.73 22.73	22.68 22.72 22.72
		8 8 15 1	4 7 0 0	23.50 23.50 23.50	22.65 22.71 23.02	22.76 22.73 22.73 22.73	22.68 22.72 22.72 22.72 22.72
3MHz	16QAM	8 8 15 1 1	4 7 0 0 7	23.50 23.50 23.50 23.50 23.50	22.65 22.71 23.02 22.67	22.76 22.73 22.73 22.73 22.73 22.78	22.68 22.72 22.72 22.72 22.72 22.74
3MHz		8 8 15 1 1 1 1	4 7 0 0 7 14 0	23.50 23.50 23.50 23.50 23.50 23.50	22.65 22.71 23.02 22.67 23.01	22.76 22.73 22.73 22.73 22.73 22.78 22.78	22.68 22.72 22.72 22.72 22.74 22.74 22.73
3MHz		8 8 15 1 1 1 8	4 7 0 0 7 14	23.50 23.50 23.50 23.50 23.50 23.50 23.50 22.50	22.65 22.71 23.02 22.67 23.01 21.71	22.76 22.73 22.73 22.73 22.73 22.78 22.78 22.78 21.68	22.68 22.72 22.72 22.72 22.74 22.73 21.55
3MHz		8 8 15 1 1 1 8 8 8	4 7 0 0 7 14 0 4	23.50 23.50 23.50 23.50 23.50 23.50 23.50 22.50 22.50	22.65 22.71 23.02 22.67 23.01 21.71 21.71	22.76 22.73 22.73 22.73 22.78 22.78 22.78 21.68 21.58	22.68 22.72 22.72 22.72 22.74 22.73 21.55 21.75
3MHz		8 8 15 1 1 1 8 8 8 8	4 7 0 7 14 0 4 7	23.50 23.50 23.50 23.50 23.50 23.50 22.50 22.50 22.50	22.65 22.71 23.02 22.67 23.01 21.71 21.71 21.67	22.76 22.73 22.73 22.73 22.78 22.78 22.78 21.68 21.58 21.56	22.68 22.72 22.72 22.72 22.74 22.73 21.55 21.75 21.63
3MHz		8 8 15 1 1 1 8 8 8 8	4 7 0 7 14 0 4 7 0	23.50 23.50 23.50 23.50 23.50 23.50 22.50 22.50 22.50 22.50 22.50	22.65 22.71 23.02 22.67 23.01 21.71 21.71 21.67 21.57	22.76 22.73 22.73 22.73 22.78 22.78 22.78 21.68 21.58 21.56 21.69	22.68 22.72 22.72 22.72 22.74 22.73 21.55 21.55 21.75 21.63 21.66 21.66
3MHz		8 8 15 1 1 1 8 8 8 8 15 1	4 7 0 7 14 0 4 7 0 0 0 7	23.50 23.50 23.50 23.50 23.50 23.50 22.50 22.50 22.50 22.50 22.50 22.50	22.65 22.71 23.02 22.67 23.01 21.71 21.71 21.67 21.67 21.65 21.75	22.76 22.73 22.73 22.73 22.78 22.78 22.78 21.68 21.58 21.58 21.56 21.69 21.69 21.66 21.59	22.68 22.72 22.72 22.74 22.73 21.55 21.75 21.63 21.66 21.66 21.65
3MHz	16QAM	8 8 15 1 1 1 8 8 8 8 15 1 1 1 1	4 7 0 7 14 0 4 7 0 0 0 7 14	23.50 23.50 23.50 23.50 23.50 23.50 22.50 22.50 22.50 22.50 22.50 22.50 22.50	22.65 22.71 23.02 22.67 23.01 21.71 21.71 21.67 21.67 21.57 21.65 21.75 21.92	22.76 22.73 22.73 22.73 22.78 22.78 21.68 21.58 21.56 21.69 21.69 21.66 21.59 21.44	22.68 22.72 22.72 22.74 22.73 21.55 21.75 21.63 21.66 21.66 21.65 21.73
3MHz		8 8 15 1 1 1 8 8 8 15 15 1 1 1 8	4 7 0 7 14 0 4 7 0 0 0 7 14 0	23.50 23.50 23.50 23.50 23.50 23.50 22.50 22.50 22.50 22.50 22.50 22.50 22.50 22.50 22.50 22.50 22.50 22.50	22.65 22.71 23.02 22.67 23.01 21.71 21.71 21.67 21.57 21.65 21.75 21.92 20.71	22.76 22.73 22.73 22.73 22.78 22.78 21.68 21.58 21.56 21.69 21.69 21.66 21.59 21.44 20.64	22.68 22.72 22.72 22.74 22.73 21.55 21.75 21.63 21.66 21.66 21.65 21.73 20.55
3MHz	16QAM	8 8 15 1 1 1 8 8 8 8 15 1 1 1 1	4 7 0 7 14 0 4 7 0 0 0 7 14	23.50 23.50 23.50 23.50 23.50 23.50 22.50 22.50 22.50 22.50 22.50 22.50 22.50	22.65 22.71 23.02 22.67 23.01 21.71 21.71 21.67 21.57 21.65 21.75 21.92	22.76 22.73 22.73 22.73 22.78 22.78 21.68 21.58 21.56 21.69 21.69 21.66 21.59 21.44	22.68 22.72 22.72 22.74 22.73 21.55 21.75 21.63 21.66 21.66 21.65 21.73



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiuti	wouldtion	IND SIZE	IND UIISEL	Max.	20425CH	20525CH	20625CH
		1	0	24.50	23.69	23.58	23.62
		1	13	24.50	23.69	23.73	23.64
		1	24	24.50	23.77	23.69	23.58
	QPSK	12	0	23.50	22.63	22.72	22.77
		12	6	23.50	22.64	22.72	22.54
		12	13	23.50	22.70	22.80	22.65
		25	0	23.50	22.63	22.70	22.67
		1	0	23.50	22.79	23.04	23.02
		1	13	23.50	22.81	23.08	22.91
		1	24	23.50	22.68	23.07	23.09
5MHz	16QAM	12	0	22.50	21.68	21.76	21.52
		12	6	22.50	21.74	21.77	21.53
		12	13	22.50	21.68	21.78	21.63
		25	0	22.50	21.65	21.69	21.52
		1	0	22.50	21.71	21.52	21.56
		1	13	22.50	21.80	21.57	21.76
		1	24	22.50	21.60	21.45	21.52
	64QAM	12	0	21.50	20.50	20.52	20.59
		12	6	21.50	20.48	20.51	20.47
		12	13	21.50	20.50	20.51	20.55
		25	0	21.50	20.68	20.48	20.47
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiuth	wooulation	RD SIZE	RD UIISEL	Max.	20450CH	20525CH	20600CH
		1	0	24.50	23.61	23.71	23.72
		1	25	24.50	23.50	23.53	23.61
		1	49	24.50	23.67	23.66	23.60
	QPSK	25	0	23.50	22.71	22.46	22.68
		25	13	23.50	22.73	22.69	22.44
		25	25	23.50	22.58	22.76	22.49
		50	0	23.50	22.73	22.74	22.68
		4	0	23.50	22.76	22.71	22.81
		1	0	20.00	22.10		
		1	25	23.50	22.90	22.93	22.67
10MHz	16QAM	1	25	23.50	22.90	22.93	22.67
10MHz	16QAM	1 1	25 49	23.50 23.50	22.90 22.75	22.93 22.95	22.67 22.71
10MHz	16QAM	1 1 25	25 49 0	23.50 23.50 22.50	22.90 22.75 21.46	22.93 22.95 21.47	22.67 22.71 21.67
10MHz	16QAM	1 1 25 25	25 49 0 13	23.50 23.50 22.50 22.50	22.90 22.75 21.46 21.48	22.93 22.95 21.47 21.70	22.67 22.71 21.67 21.48
10MHz	16QAM	1 1 25 25 25 25	25 49 0 13 25	23.50 23.50 22.50 22.50 22.50	22.90 22.75 21.46 21.48 21.56	22.93 22.95 21.47 21.70 21.71	22.67 22.71 21.67 21.48 21.44
10MHz	16QAM	1 1 25 25 25 25	25 49 0 13 25 0	23.50 23.50 22.50 22.50 22.50 22.50	22.90 22.75 21.46 21.48 21.56 21.62	22.93 22.95 21.47 21.70 21.71 21.44	22.67 22.71 21.67 21.48 21.44 21.68
10MHz	16QAM	1 25 25 25 25 50 1	25 49 0 13 25 0 0	23.50 23.50 22.50 22.50 22.50 22.50 22.50	22.90 22.75 21.46 21.48 21.56 21.62 21.84	22.93 22.95 21.47 21.70 21.71 21.44 21.61	22.67 22.71 21.67 21.48 21.44 21.68 21.71
10MHz	16QAM 64QAM	1 1 25 25 25 50 1 1	25 49 0 13 25 0 0 25	23.50 23.50 22.50 22.50 22.50 22.50 22.50 22.50	22.90 22.75 21.46 21.48 21.56 21.62 21.84 21.75	22.93 22.95 21.47 21.70 21.71 21.44 21.61 21.54	22.67 22.71 21.67 21.48 21.44 21.68 21.71 21.64
10MHz		1 1 25 25 25 50 1 1 1	25 49 0 13 25 0 0 25 49	23.50 23.50 22.50 22.50 22.50 22.50 22.50 22.50 22.50	22.90 22.75 21.46 21.48 21.56 21.62 21.84 21.75 21.79	22.93 22.95 21.47 21.70 21.71 21.44 21.61 21.54 21.57	22.67 22.71 21.67 21.48 21.44 21.68 21.71 21.64 21.70
10MHz		1 25 25 25 50 1 1 1 25	25 49 0 13 25 0 0 25 49 0	23.50 23.50 22.50 22.50 22.50 22.50 22.50 22.50 22.50 22.50 21.50	22.90 22.75 21.46 21.48 21.56 21.62 21.84 21.75 21.79 20.48	22.93 22.95 21.47 21.70 21.71 21.44 21.61 21.54 21.57 20.52	22.67 22.71 21.67 21.48 21.44 21.68 21.71 21.64 21.70 20.67

Table 56: Test results conducted power measurement of LTE Band 5 (Full Power)



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiutin	wouldtion	ND SIZE	KD UIISEL	Max.	20407CH	20525CH	20643CH
		1	0	19.50	18.64	18.54	18.59
		1	3	19.50	18.67	18.56	18.48
		1	5	19.50	18.52	18.54	18.59
	QPSK	3	0	19.50	18.62	18.59	18.37
		3	2	19.50	18.71	18.57	18.50
		3	3	19.50	18.72	18.57	18.60
		6	0	19.50	18.70	18.58	18.48
		1	0	19.50	18.86	18.71	18.50
		1	3	19.50	18.81	18.76	18.47
		1	5	19.50	18.65	18.46	18.88
1.4MHz	16QAM	3	0	19.50	18.67	18.48	18.52
		3	2	19.50	18.56	18.56	18.48
		3	3	19.50	18.66	18.41	18.74
		6	0	19.50	18.48	18.59	18.46
		1	0	19.50	18.97	18.72	18.69
		1	3	19.50	18.83	18.58	18.72
		1	5	19.50	18.97	18.61	18.61
	64QAM	3	0	19.50	18.54	18.64	18.49
		3	2	19.50	18.77	18.55	18.38
		3	3	19.50	18.76	18.56	18.61
		6	0	19.50	18.59	18.49	18.41
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwidin	woodation		IND ONSEL	Max.	20415CH	20525CH	20635CH
		1	0	19.50	18.73	18.56	18.58
		1	7	19.50	18.62	18.57	18.57
		1	14	19.50	18.69	18.56	18.57
	QPSK	8	0	19.50	18.58	18.56	18.46
		8	4	19.50	18.59	18.56	18.43
		8	7	19.50	18.59	18.55	18.43
		15	0	19.50	18.66	18.47	18.62
		1	0	19.50	18.46	18.70	18.56
		1	7	19.50	18.85	18.63	18.57
		1	14	19.50	18.92	18.60	18.59
3MHz	16QAM	8	0	19.50	18.55	18.48	18.45
		8	4	19.50	18.53	18.50	18.39
		8	7	19.50	18.48	18.54	18.37
				19.50	18.57	18.44	18.33
		15	0	19.50			
		15 1	0	19.50	18.84	18.47	18.60
		15 1 1			18.84 18.72		18.74
		1 1 1	0	19.50 19.50 19.50	18.84 18.72 18.76	18.47 18.51 18.61	18.74 18.72
	64QAM	1 1 1 8	0 7	19.50 19.50	18.84 18.72	18.47 18.51	18.74
	64QAM	1 1 1	0 7 14 0 4	19.50 19.50 19.50	18.84 18.72 18.76	18.47 18.51 18.61	18.74 18.72
	64QAM	1 1 1 8	0 7 14 0	19.50 19.50 19.50 19.50	18.84 18.72 18.76 18.66	18.47 18.51 18.61 18.61	18.74 18.72 18.50



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiutin	Wouldtion	IND SIZE	IND UISEL	Max.	20425CH	20525CH	20625CH
		1	0	19.50	18.62	18.38	18.63
		1	13	19.50	18.65	18.39	18.60
		1	24	19.50	18.62	18.46	18.60
	QPSK	12	0	19.50	18.62	18.42	18.68
		12	6	19.50	18.61	18.42	18.68
		12	13	19.50	18.62	18.42	18.67
		25	0	19.50	18.56	18.42	18.60
		1	0	19.50	18.85	18.62	18.72
		1	13	19.50	18.84	18.51	18.60
		1	24	19.50	18.90	18.58	18.77
5MHz	16QAM	12	0	19.50	18.40	18.35	18.67
		12	6	19.50	18.57	18.42	18.48
		12	13	19.50	18.55	18.39	18.46
		25	0	19.50	18.32	18.34	18.42
		1	0	19.50	18.63	18.68	18.65
		1	13	19.50	18.95	18.44	18.73
		1	24	19.50	18.74	18.67	18.69
	64QAM	12	0	19.50	18.70	18.39	18.65
		12	6	19.50	18.66	18.47	18.39
		12	13	19.50	18.65	18.44	18.52
		25	0	19.50	18.53	18.46	18.37
				-		Channel	
Bondwidth	Modulation	DDaira	DD offeet	Tune-up	Channel	Channel	Channel
Bandwidth	Modulation	RB size	RB offset	Tune-up Max.	20450CH	20525CH	20600CH
Bandwidth	Modulation	RB size	RB offset 0	•			
Bandwidth	Modulation			Max.	20450CH	20525CH	20600CH
Bandwidth	Modulation	1	0	Max. 19.50	20450CH 18.62	20525CH 18.45	20600CH 18.69
Bandwidth	Modulation QPSK	1 1	0 25	Max. 19.50 19.50	20450CH 18.62 18.67	20525CH 18.45 18.51	20600CH 18.69 18.43
Bandwidth		1 1 1	0 25 49	Max. 19.50 19.50 19.50	20450CH 18.62 18.67 18.68	20525CH 18.45 18.51 18.46	20600CH 18.69 18.43 18.43
Bandwidth		1 1 1 25	0 25 49 0	Max. 19.50 19.50 19.50 19.50	20450CH 18.62 18.67 18.68 18.58	20525CH 18.45 18.51 18.46 18.46	20600CH 18.69 18.43 18.43 18.57
Bandwidth		1 1 1 25 25	0 25 49 0 13	Max. 19.50 19.50 19.50 19.50 19.50	20450CH 18.62 18.67 18.68 18.58 18.59	20525CH 18.45 18.51 18.46 18.46 18.51	20600CH 18.69 18.43 18.43 18.57 18.56
Bandwidth		1 1 25 25 25 25	0 25 49 0 13 25	Max. 19.50 19.50 19.50 19.50 19.50 19.50	20450CH 18.62 18.67 18.68 18.58 18.59 18.58	20525CH 18.45 18.51 18.46 18.46 18.51 18.60	20600CH 18.69 18.43 18.43 18.57 18.56 18.56
Bandwidth		1 1 25 25 25 50	0 25 49 0 13 25 0	Max. 19.50 19.50 19.50 19.50 19.50 19.50 19.50	20450CH 18.62 18.67 18.68 18.58 18.59 18.58 18.45	20525CH 18.45 18.51 18.46 18.46 18.51 18.60 18.50	20600CH 18.69 18.43 18.43 18.57 18.56 18.56 18.56
Bandwidth		1 1 25 25 25 25 50 1	0 25 49 0 13 25 0 0	Max. 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50	20450CH 18.62 18.67 18.68 18.58 18.59 18.58 18.45 18.94	20525CH 18.45 18.51 18.46 18.46 18.51 18.60 18.50 18.54	20600CH 18.69 18.43 18.43 18.57 18.56 18.56 18.56 18.39
Bandwidth 10MHz		1 1 25 25 25 50 1 1	0 25 49 0 13 25 0 0 0 25	Max. 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50	20450CH 18.62 18.67 18.68 18.58 18.59 18.58 18.45 18.94 18.73	20525CH 18.45 18.51 18.46 18.46 18.51 18.60 18.50 18.54 18.55	20600CH 18.69 18.43 18.43 18.57 18.56 18.56 18.56 18.39 18.45
	QPSK	1 1 25 25 25 50 1 1 1	0 25 49 0 13 25 0 0 0 25 49	Max. 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50	20450CH 18.62 18.67 18.68 18.58 18.58 18.58 18.45 18.45 18.94 18.73 18.86	20525CH 18.45 18.51 18.46 18.46 18.51 18.60 18.50 18.54 18.55 18.51	20600CH 18.69 18.43 18.43 18.57 18.56 18.56 18.56 18.39 18.45 18.44
	QPSK	1 1 25 25 25 50 1 1 1 25	0 25 49 0 13 25 0 0 0 25 49 0	Max. 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50	20450CH 18.62 18.67 18.68 18.58 18.59 18.58 18.45 18.94 18.73 18.86 18.34	20525CH 18.45 18.51 18.46 18.46 18.51 18.60 18.50 18.54 18.55 18.51 18.39	20600CH 18.69 18.43 18.43 18.57 18.56 18.56 18.56 18.39 18.45 18.44 18.59
	QPSK	1 1 25 25 25 50 1 1 1 25 25 25	0 25 49 0 13 25 0 0 25 49 0 13	Max. 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50	20450CH 18.62 18.67 18.68 18.58 18.59 18.58 18.45 18.94 18.73 18.86 18.34 18.34	20525CH 18.45 18.51 18.46 18.46 18.51 18.60 18.50 18.54 18.55 18.51 18.39 18.40	20600CH 18.69 18.43 18.43 18.57 18.56 18.56 18.56 18.39 18.45 18.44 18.59 18.62
	QPSK	1 1 25 25 25 50 1 1 1 25 25 25 25 25	0 25 49 0 13 25 0 0 25 49 0 13 25	Max. 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50	20450CH 18.62 18.67 18.68 18.58 18.58 18.58 18.58 18.45 18.94 18.73 18.86 18.34 18.42 18.45	20525CH 18.45 18.51 18.46 18.46 18.51 18.60 18.50 18.54 18.55 18.51 18.39 18.40 18.38	20600CH 18.69 18.43 18.57 18.56 18.56 18.56 18.39 18.45 18.44 18.59 18.62 18.55
	QPSK	1 1 25 25 25 50 1 1 1 25 25 25 25 25	0 25 49 0 13 25 0 0 25 49 0 13 25 0	Max. 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50	20450CH 18.62 18.67 18.68 18.58 18.59 18.58 18.45 18.94 18.73 18.86 18.34 18.34 18.42 18.45 18.42	20525CH 18.45 18.51 18.46 18.46 18.51 18.60 18.50 18.54 18.55 18.51 18.39 18.40 18.38 18.45	20600CH 18.69 18.43 18.43 18.57 18.56 18.56 18.56 18.39 18.45 18.44 18.59 18.62 18.55 18.55 18.58
	QPSK	$ \begin{array}{r} 1\\ 1\\ 25\\ 25\\ 25\\ 50\\ 1\\ 1\\ 1\\ 25\\ 25\\ 25\\ 25\\ 50\\ 1\\ 1 \end{array} $	0 25 49 0 13 25 0 0 25 49 0 25 49 0 13 25 0 0 0	Max. 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50	20450CH 18.62 18.67 18.68 18.58 18.59 18.58 18.45 18.94 18.73 18.86 18.34 18.34 18.42 18.45 18.42 18.42 18.93	20525CH 18.45 18.51 18.46 18.46 18.51 18.60 18.50 18.54 18.55 18.51 18.39 18.40 18.38 18.45 18.57	20600CH 18.69 18.43 18.43 18.57 18.56 18.56 18.56 18.39 18.45 18.44 18.59 18.62 18.55 18.58 18.58 18.62
	QPSK	$ \begin{array}{r} 1\\ 1\\ 25\\ 25\\ 25\\ 50\\ 1\\ 1\\ 1\\ 25\\ 25\\ 25\\ 25\\ 50\\ 1\\ 1\\ 1\\ 1 \end{array} $	0 25 49 0 13 25 0 0 25 49 0 13 25 0 0 13 25 0 0 0 25	Max. 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50	20450CH 18.62 18.67 18.68 18.58 18.59 18.58 18.45 18.94 18.73 18.86 18.34 18.42 18.45 18.42 18.42 18.43 18.42 18.93 18.86	20525CH 18.45 18.51 18.46 18.46 18.51 18.60 18.50 18.54 18.55 18.51 18.39 18.40 18.38 18.45 18.57 18.70	20600CH 18.69 18.43 18.43 18.57 18.56 18.56 18.56 18.39 18.45 18.44 18.59 18.62 18.55 18.58 18.62 18.40
	QPSK 16QAM	$ \begin{array}{c} 1\\ 1\\ 25\\ 25\\ 25\\ 50\\ 1\\ 1\\ 1\\ 25\\ 25\\ 25\\ 25\\ 50\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1 \end{array} $	0 25 49 0 13 25 0 0 25 49 0 13 25 0 13 25 0 0 25 49	Max. 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50	20450CH 18.62 18.67 18.68 18.58 18.58 18.58 18.45 18.94 18.73 18.86 18.34 18.42 18.42 18.45 18.42 18.45 18.42 18.45 18.42 18.45 18.42 18.45 18.45 18.45 18.45 18.45 18.45 18.45 18.58 18.45 18.45 18.45 18.45 18.83	20525CH 18.45 18.51 18.46 18.46 18.51 18.60 18.50 18.54 18.55 18.51 18.39 18.38 18.45 18.57 18.70 18.58	20600CH 18.69 18.43 18.43 18.57 18.56 18.56 18.56 18.39 18.45 18.44 18.59 18.62 18.55 18.58 18.58 18.62 18.62 18.40 18.67
	QPSK 16QAM	$ \begin{array}{r} 1\\ 1\\ 25\\ 25\\ 25\\ 50\\ 1\\ 1\\ 1\\ 25\\ 25\\ 25\\ 50\\ 1\\ 1\\ 1\\ 1\\ 25\\ 25\\ 25\\ 25\\ 25\\ 25\\ 25\\ 25\\ 25\\ 25$	0 25 49 0 13 25 0 0 25 49 0 13 25 0 0 25 0 0 25 49 0 25 49 0 13	Max. 19.50	20450CH 18.62 18.67 18.68 18.58 18.59 18.58 18.45 18.94 18.73 18.86 18.34 18.42 18.45 18.42 18.45 18.42 18.45 18.42 18.93 18.86 18.83 18.38	20525CH 18.45 18.51 18.46 18.46 18.51 18.60 18.50 18.55 18.51 18.39 18.40 18.38 18.45 18.57 18.70 18.58 18.44	20600CH 18.69 18.43 18.43 18.57 18.56 18.56 18.56 18.39 18.45 18.44 18.59 18.62 18.55 18.58 18.62 18.62 18.67 18.64
	QPSK 16QAM	$ \begin{array}{c} 1\\ 1\\ 25\\ 25\\ 25\\ 50\\ 1\\ 1\\ 1\\ 25\\ 25\\ 25\\ 50\\ 1\\ 1\\ 1\\ 1\\ 25\\ 50\\ 1\\ 1\\ 25\\ 50\\ 1\\ 1\\ 1\\ 25\\ 50\\ 50\\ 50\\ 50\\ 50\\ 50\\ 50\\ 50\\ 50\\ 5$	0 25 49 0 13 25 0 0 25 49 0 13 25 0 0 13 25 0 0 25 49 0 25 49 0 0	Max. 19.50	20450CH 18.62 18.67 18.68 18.58 18.59 18.58 18.45 18.94 18.73 18.86 18.34 18.42 18.42 18.45 18.42 18.45 18.42 18.93 18.86 18.83 18.83 18.83	20525CH 18.45 18.51 18.46 18.46 18.51 18.60 18.50 18.54 18.55 18.51 18.39 18.40 18.38 18.45 18.57 18.70 18.58 18.44 18.49	20600CH 18.69 18.43 18.43 18.57 18.56 18.56 18.56 18.39 18.45 18.44 18.59 18.62 18.55 18.58 18.62 18.62 18.64 18.64

Table 57: Test results conducted power measurement of LTE Band 5 (Reduced Power Level D1)



Modulation	PR cizo	DR offect	Tune-up	Channel	Channel	Channel
wouldtion	ND SIZE	ND UISEL	Max.	20407CH	20525CH	20643CH
	1	0	20.50	19.55	19.46	19.60
	1	3	20.50	19.59	19.46	19.61
	1	5	20.50	19.59	19.45	19.60
QPSK	3	0	20.50	19.68	19.48	19.39
	3	2	20.50	19.65	19.58	19.63
	3	3	20.50	19.53	19.47	19.62
	6	0	20.50	19.48	19.43	19.38
	1	0	20.50	19.84	19.54	19.51
	1	3	20.50	19.61	19.33	19.39
	1	5	20.50	19.65	19.51	19.35
16QAM	3	0	20.50	19.57	19.49	19.40
	3	2	20.50	19.45	19.57	19.33
	3	3	20.50	19.67	19.55	19.44
	6	0	20.50	19.45	19.38	19.40
	1	0	20.50	19.70	19.31	19.31
	1	3	20.50	19.58	19.53	19.34
	1	5	20.50	19.66	19.55	19.36
64QAM	3	0	20.50	19.67	19.55	19.45
	3	2	20.50	19.59	19.66	19.52
	3	3	20.50	19.60	19.54	19.45
	6	0	20.50	19.52	19.52	19.60
Madulation			Tune-up	Channel	Channel	Channel
wooulation	RD SIZE	RD Olisel	Max.	20415CH	20525CH	20635CH
	1	0	20.50	19.63	19.53	19.50
	1	7	20.50	19.60	19.55	19.45
	1	14	20.50	19.59	19.56	19.47
QPSK	8	0	20.50	19.54	19.49	19.41
	8	4	20.50	19.66	19.49	19.42
	8	7	20.50	19.54	19.50	19.43
	15	0	20.50	19.61	19.44	19.40
	1	0	20.50	19.59	19.58	19.60
	1	7	20.50	19.84	19.55	19.63
	1	14	20.50	19.70	19.56	19.78
16QAM	8	0	20.50	19.57	19.29	19.38
1		4	20.50	10.69	10 56	19.42
	8	4	20.50	19.00	13.50	
	8	4 7	20.50	19.65	19.55	19.39
	8	7	20.50	19.65	19.55	19.39
	8	7 0	20.50 20.50	19.65 19.59	19.55 19.41	19.39 19.33
	8 15 1	7 0 0	20.50 20.50 20.50 20.50	19.65 19.59 19.72	19.55 19.41 19.67	19.39 19.33 19.67
64QAM	8 15 1 1 1 1	7 0 0 7 14	20.50 20.50 20.50 20.50 20.50	19.65 19.59 19.72 19.68	19.55 19.41 19.67 19.80 19.70	19.39 19.33 19.67 19.56 19.62
64QAM	8 15 1 1 1 8	7 0 0 7 14 0	20.50 20.50 20.50 20.50 20.50 20.50	19.65 19.59 19.72 19.68 19.72	19.55 19.41 19.67 19.80	19.39 19.33 19.67 19.56
64QAM	8 15 1 1 1 1	7 0 0 7 14	20.50 20.50 20.50 20.50 20.50	19.65 19.59 19.72 19.68 19.72 19.64	19.55 19.41 19.67 19.80 19.70 19.57	19.39 19.33 19.67 19.56 19.62 19.35
	16QAM 64QAM Modulation QPSK	1 1 1 1 1 3 3 6 1	1 0 1 3 1 5 3 0 3 2 3 3 6 0 1 0 1 3 6 0 1 3 1 5 1 5 1 5 3 2 3 3 1 5 3 2 3 3 6 0 1 0 1 3 64QAM 3 64QAM 3 1 5 64QAM 3 6 0 1 5 6 0 1 1 0 1 1 1 0 1 1 1 0 1 1 <	Modulation RB size RB offset Max. 1 0 20.50 1 3 20.50 1 5 20.50 3 0 20.50 3 2 20.50 3 2 20.50 3 2 20.50 3 2 20.50 3 3 20.50 1 0 20.50 1 3 20.50 1 5 20.50 1 5 20.50 1 5 20.50 3 2 20.50 3 2 20.50 3 3 20.50 3 3 20.50 1 5 20.50 1 5 20.50 1 5 20.50 3 2 20.50 3 3 20.50 3 3 20.50	Modulation RB size RB offset Max. 20407CH 1 0 20.50 19.55 1 3 20.50 19.59 1 5 20.50 19.59 1 5 20.50 19.59 3 0 20.50 19.68 3 2 20.50 19.65 3 3 20.50 19.63 6 0 20.50 19.84 1 0 20.50 19.84 1 3 20.50 19.61 1 5 20.50 19.65 3 3 20.50 19.61 1 5 20.50 19.65 3 2 20.50 19.67 3 2 20.50 19.67 3 2 20.50 19.69 3 3 20.50 19.69 3 3 20.50 19.69 3 3 <td>Modulation RB size RB offset Max. 20407CH 20525CH 1 0 20.50 19.55 19.46 1 3 20.50 19.59 19.46 1 5 20.50 19.59 19.46 1 5 20.50 19.68 19.45 3 2 20.50 19.65 19.58 3 3 20.50 19.65 19.58 3 3 20.50 19.65 19.58 3 3 20.50 19.48 19.47 6 0 20.50 19.48 19.43 1 3 20.50 19.48 19.43 1 3 20.50 19.48 19.43 1 3 20.50 19.65 19.51 1 3 20.50 19.45 19.53 1 1 0 20.50 19.45 19.53 64QAM 3 0 20.50</td>	Modulation RB size RB offset Max. 20407CH 20525CH 1 0 20.50 19.55 19.46 1 3 20.50 19.59 19.46 1 5 20.50 19.59 19.46 1 5 20.50 19.68 19.45 3 2 20.50 19.65 19.58 3 3 20.50 19.65 19.58 3 3 20.50 19.65 19.58 3 3 20.50 19.48 19.47 6 0 20.50 19.48 19.43 1 3 20.50 19.48 19.43 1 3 20.50 19.48 19.43 1 3 20.50 19.65 19.51 1 3 20.50 19.45 19.53 1 1 0 20.50 19.45 19.53 64QAM 3 0 20.50



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiutin	iviouulation	ND SIZE	KD UIISEL	Max.	20425CH	20525CH	20625CH
		1	0	20.50	19.47	19.38	19.48
		1	13	20.50	19.55	19.38	19.49
		1	24	20.50	19.53	19.43	19.50
	QPSK	12	0	20.50	19.64	19.33	19.61
		12	6	20.50	19.63	19.32	19.44
		12	13	20.50	19.57	19.38	19.63
		25	0	20.50	19.58	19.33	19.42
		1	0	20.50	19.78	19.73	19.74
		1	13	20.50	19.72	19.47	19.69
		1	24	20.50	19.66	19.56	19.76
5MHz	16QAM	12	0	20.50	19.60	19.40	19.42
		12	6	20.50	19.60	19.45	19.34
		12	13	20.50	19.60	19.43	19.44
		25	0	20.50	19.57	19.39	19.35
		1	0	20.50	19.55	19.79	19.39
		1	13	20.50	19.84	19.65	19.58
		1	24	20.50	19.75	19.53	19.31
	64QAM	12	0	20.50	19.46	19.51	19.41
		12	6	20.50	19.46	19.43	19.39
		12	13	20.50	19.42	19.44	19.35
		25	0	20.50	19.62	19.39	19.40
				Tune-up	Channel	Channel	Channel
Distantial data	Marchella Cara			i une-up	Unarmer	Onarmor	Channel
Bandwidth	Modulation	RB size	RB offset	Max.	20450CH	20525CH	20600CH
Bandwidth	Modulation	RB size	RB offset 0				
Bandwidth	Modulation	RB size		Max.	20450CH	20525CH	20600CH
Bandwidth	Modulation	1	0	Max. 20.50	20450CH 19.58	20525CH 19.39	20600CH 19.59
Bandwidth	Modulation QPSK	1 1	0 25	Max. 20.50 20.50	20450CH 19.58 19.59	20525CH 19.39 19.39	20600CH 19.59 19.59
Bandwidth		1 1 1	0 25 49	Max. 20.50 20.50 20.50	20450CH 19.58 19.59 19.66	20525CH 19.39 19.39 19.42	20600CH 19.59 19.59 19.62
Bandwidth		1 1 1 25	0 25 49 0	Max. 20.50 20.50 20.50 20.50	20450CH 19.58 19.59 19.66 19.67	20525CH 19.39 19.39 19.42 19.49	20600CH 19.59 19.59 19.62 19.60
Bandwidth		1 1 1 25 25	0 25 49 0 13	Max. 20.50 20.50 20.50 20.50 20.50	20450CH 19.58 19.59 19.66 19.67 19.64	20525CH 19.39 19.39 19.42 19.49 19.49	20600CH 19.59 19.59 19.62 19.60 19.61
Bandwidth		1 1 25 25 25 25	0 25 49 0 13 25	Max. 20.50 20.50 20.50 20.50 20.50 20.50	20450CH 19.58 19.59 19.66 19.67 19.64 19.64	20525CH 19.39 19.39 19.42 19.49 19.49 19.49 19.49	20600CH 19.59 19.59 19.62 19.60 19.61 19.61
Bandwidth		1 1 25 25 25 25	0 25 49 0 13 25 0	Max. 20.50 20.50 20.50 20.50 20.50 20.50 20.50	20450CH 19.58 19.59 19.66 19.67 19.64 19.64 19.64	20525CH 19.39 19.39 19.42 19.49 19.49 19.49 19.47	20600CH 19.59 19.59 19.62 19.60 19.61 19.61 19.60
Bandwidth		1 1 25 25 25 50 1	0 25 49 0 13 25 0 0	Max. 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50	20450CH 19.58 19.59 19.66 19.67 19.64 19.64 19.64 19.80	20525CH 19.39 19.39 19.42 19.49 19.49 19.49 19.47 19.55	20600CH 19.59 19.59 19.62 19.60 19.61 19.61 19.60 19.40
Bandwidth		1 1 25 25 25 50 1 1	0 25 49 0 13 25 0 0 0 25	Max. 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50	20450CH 19.58 19.59 19.66 19.67 19.64 19.64 19.64 19.80 19.80	20525CH 19.39 19.39 19.42 19.49 19.49 19.49 19.47 19.55 19.48	20600CH 19.59 19.59 19.62 19.60 19.61 19.61 19.60 19.40 19.46
	QPSK	1 1 25 25 25 50 1 1 1	0 25 49 0 13 25 0 0 0 25 49	Max. 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50	20450CH 19.58 19.59 19.66 19.67 19.64 19.64 19.64 19.80 19.80 19.86 19.89	20525CH 19.39 19.42 19.49 19.49 19.49 19.47 19.55 19.48 19.52	20600CH 19.59 19.59 19.62 19.60 19.61 19.61 19.60 19.40 19.40 19.46 19.42
	QPSK	1 1 25 25 25 50 1 1 1 25	0 25 49 0 13 25 0 0 25 49 0	Max. 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50	20450CH 19.58 19.59 19.66 19.67 19.64 19.64 19.64 19.80 19.80 19.89 19.44	20525CH 19.39 19.39 19.42 19.49 19.49 19.49 19.47 19.55 19.48 19.52 19.47	20600CH 19.59 19.59 19.62 19.60 19.61 19.61 19.60 19.40 19.40 19.46 19.42 19.54
	QPSK	1 1 25 25 25 50 1 1 1 25 25 25	0 25 49 0 13 25 0 0 25 49 0 13	Max. 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50	20450CH 19.58 19.59 19.66 19.67 19.64 19.64 19.64 19.80 19.80 19.86 19.89 19.44 19.60	20525CH 19.39 19.39 19.42 19.49 19.49 19.49 19.47 19.55 19.48 19.52 19.47 19.47 19.41	20600CH 19.59 19.59 19.62 19.60 19.61 19.61 19.60 19.40 19.40 19.46 19.42 19.54 19.54
	QPSK	1 1 25 25 25 50 1 1 1 25 25 25 25 25	0 25 49 0 13 25 0 0 25 49 0 13 25	Max. 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50	20450CH 19.58 19.59 19.66 19.67 19.64 19.64 19.64 19.80 19.80 19.89 19.44 19.60 19.58	20525CH 19.39 19.42 19.49 19.49 19.49 19.47 19.55 19.48 19.52 19.47 19.47 19.41 19.43	20600CH 19.59 19.59 19.62 19.60 19.61 19.61 19.60 19.40 19.46 19.42 19.54 19.54 19.54
	QPSK	1 1 25 25 25 50 1 1 1 25 25 25 25 25	0 25 49 0 13 25 0 0 25 49 0 13 25 0	Max. 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50	20450CH 19.58 19.59 19.66 19.67 19.64 19.64 19.64 19.80 19.80 19.89 19.44 19.60 19.58 19.38	20525CH 19.39 19.39 19.42 19.49 19.49 19.49 19.47 19.55 19.48 19.52 19.48 19.52 19.47 19.41 19.43 19.41	20600CH 19.59 19.59 19.62 19.60 19.61 19.61 19.60 19.40 19.40 19.46 19.42 19.54 19.54 19.54 19.53
	QPSK	1 1 25 25 25 50 1 1 1 25 25 25 25 25	0 25 49 0 13 25 0 0 25 49 0 13 25 0 0 13 25 0 0 0 25	Max. 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50	20450CH 19.58 19.59 19.66 19.67 19.64 19.64 19.64 19.80 19.80 19.86 19.89 19.44 19.60 19.58 19.38 19.79	20525CH 19.39 19.39 19.42 19.49 19.49 19.49 19.47 19.55 19.48 19.52 19.47 19.47 19.41 19.43 19.41 19.54	20600CH 19.59 19.59 19.62 19.60 19.61 19.61 19.60 19.40 19.40 19.46 19.42 19.54 19.54 19.54 19.53 19.38
	QPSK 16QAM	$ \begin{array}{r} 1\\ 1\\ 25\\ 25\\ 25\\ 50\\ 1\\ 1\\ 1\\ 25\\ 25\\ 25\\ 25\\ 50\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1 \end{array} $	0 25 49 0 13 25 0 0 25 49 0 13 25 0 13 25 0 0 25 49	Max. 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50	20450CH 19.58 19.59 19.66 19.67 19.64 19.64 19.64 19.80 19.80 19.86 19.89 19.44 19.60 19.58 19.38 19.38 19.79 19.99 19.81	20525CH 19.39 19.39 19.42 19.49 19.49 19.49 19.47 19.55 19.48 19.52 19.47 19.41 19.43 19.41 19.43 19.41 19.54 19.56 19.37	20600CH 19.59 19.59 19.62 19.60 19.61 19.61 19.60 19.40 19.46 19.42 19.54 19.54 19.54 19.54 19.53 19.38 19.38 19.50 19.41
	QPSK	$ \begin{array}{c} 1\\ 1\\ 25\\ 25\\ 25\\ 50\\ 1\\ 1\\ 1\\ 25\\ 25\\ 25\\ 50\\ 1\\ 1\\ 1\\ 1\\ 25\\ 50\\ 1\\ 1\\ 25\\ 50\\ 1\\ 1\\ 1\\ 25\\ 50\\ 50\\ 50\\ 50\\ 50\\ 50\\ 50\\ 50\\ 50\\ 5$	0 25 49 0 13 25 0 0 25 49 0 13 25 0 0 13 25 0 0 25 49 0 25 49 0 0	Max. 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50	20450CH 19.58 19.59 19.66 19.67 19.64 19.64 19.64 19.80 19.86 19.89 19.44 19.60 19.58 19.38 19.79 19.38 19.79 19.99 19.81 19.62	20525CH 19.39 19.39 19.42 19.49 19.49 19.49 19.47 19.55 19.48 19.52 19.47 19.47 19.41 19.43 19.41 19.54 19.56 19.37 19.44	20600CH 19.59 19.59 19.62 19.60 19.61 19.61 19.60 19.40 19.40 19.46 19.42 19.54 19.54 19.54 19.53 19.38 19.50 19.41 19.57
	QPSK 16QAM	$ \begin{array}{r} 1\\ 1\\ 25\\ 25\\ 25\\ 50\\ 1\\ 1\\ 1\\ 25\\ 25\\ 25\\ 50\\ 1\\ 1\\ 1\\ 1\\ 25\\ 25\\ 25\\ 25\\ 25\\ 25\\ 25\\ 25\\ 25\\ 25$	0 25 49 0 13 25 0 0 25 49 0 13 25 0 0 25 0 0 25 49 0 25 49 0 13	Max. 20.50	20450CH 19.58 19.59 19.66 19.67 19.64 19.64 19.64 19.80 19.80 19.80 19.80 19.89 19.44 19.60 19.58 19.38 19.79 19.99 19.81 19.62 19.60	20525CH 19.39 19.39 19.42 19.49 19.49 19.49 19.47 19.55 19.48 19.52 19.47 19.47 19.41 19.43 19.41 19.54 19.56 19.37 19.44 19.48	20600CH 19.59 19.59 19.62 19.60 19.61 19.61 19.60 19.40 19.40 19.42 19.54 19.54 19.54 19.54 19.53 19.38 19.38 19.50 19.41 19.57 19.49
	QPSK 16QAM	$ \begin{array}{c} 1\\ 1\\ 25\\ 25\\ 25\\ 50\\ 1\\ 1\\ 1\\ 25\\ 25\\ 25\\ 50\\ 1\\ 1\\ 1\\ 1\\ 25\\ 50\\ 1\\ 1\\ 25\\ 50\\ 1\\ 1\\ 1\\ 25\\ 50\\ 50\\ 50\\ 50\\ 50\\ 50\\ 50\\ 50\\ 50\\ 5$	0 25 49 0 13 25 0 0 25 49 0 13 25 0 0 13 25 0 0 25 49 0 25 49 0 0	Max. 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50	20450CH 19.58 19.59 19.66 19.67 19.64 19.64 19.64 19.80 19.80 19.86 19.89 19.44 19.60 19.58 19.38 19.79 19.38 19.79 19.99 19.81 19.62	20525CH 19.39 19.39 19.42 19.49 19.49 19.49 19.47 19.55 19.48 19.52 19.47 19.47 19.41 19.43 19.41 19.54 19.56 19.37 19.44	20600CH 19.59 19.59 19.62 19.60 19.61 19.61 19.60 19.40 19.40 19.46 19.42 19.54 19.54 19.54 19.53 19.38 19.50 19.41 19.57

Table 58: Test results conducted power measurement of LTE Band 5 (Reduced Power Level D2)



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiutin	wouldtion	ND SIZE	KD UIISEL	Max.	20407CH	20525CH	20643CH
		1	0	15.50	14.53	14.45	14.63
		1	3	15.50	14.54	14.48	14.64
		1	5	15.50	14.50	14.49	14.65
	QPSK	3	0	15.50	14.60	14.48	14.48
		3	2	15.50	14.57	14.59	14.36
		3	3	15.50	14.69	14.47	14.36
		6	0	15.50	14.55	14.56	14.62
		1	0	15.50	14.78	14.61	14.63
		1	3	15.50	14.94	14.40	14.49
		1	5	15.50	14.75	14.57	14.36
1.4MHz	16QAM	3	0	15.50	14.64	14.56	14.46
		3	2	15.50	14.61	14.44	14.42
		3	3	15.50	14.61	14.70	14.37
		6	0	15.50	14.47	14.46	14.35
		1	0	15.50	14.72	14.52	14.45
		1	3	15.50	14.42	14.56	14.57
		1	5	15.50	14.64	14.61	14.65
	64QAM	3	0	15.50	14.71	14.60	14.54
		3	2	15.50	14.61	14.43	14.47
		3	3	15.50	14.56	14.65	14.57
		6	0	15.50	14.47	14.47	14.62
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiuti	wouldtion	IND SIZE	IND UISEL	Max.	20415CH	20525CH	20635CH
		1	0	15.50	14.54	14.49	14.60
		1	7	15.50	14.54	14.53	14.58
		1	14	15.50	14.58	14.53	14.60
	QPSK	8	0	15.50	14.59	14.61	14.46
		8	4	15.50	14.70	14.59	14.46
		8	7	15.50	14.60	14.60	14.46
		15	0	15.50	14.66	14.40	14.43
		1	0	15.50	14.61	14.67	14.79
		1	7	15.50	14.91	14.55	14.83
		1	14	15.50	14.85	14.69	14.83
3MHz	16QAM	8	0	15.50 15.50	14.85 14.63	14.26	14.55
3MHz	16QAM	8 8	0 4	15.50	14.85 14.63 14.58	14.26 14.61	14.55 14.47
3MHz	16QAM	8 8 8	0	15.50 15.50	14.85 14.63	14.26	14.55
3MHz	16QAM	8 8	0 4	15.50 15.50 15.50	14.85 14.63 14.58 14.59 14.60	14.26 14.61	14.55 14.47
3MHz	16QAM	8 8 8	0 4 7 0 0	15.50 15.50 15.50 15.50	14.85 14.63 14.58 14.59 14.60 14.78	14.26 14.61 14.58 14.37 14.70	14.55 14.47 14.55 14.34 14.80
3MHz	16QAM	8 8 8	0 4 7 0	15.50 15.50 15.50 15.50 15.50	14.85 14.63 14.58 14.59 14.60 14.78 14.72	14.26 14.61 14.58 14.37	14.55 14.47 14.55 14.34
3MHz	16QAM	8 8 8 15 1	0 4 7 0 0	15.50 15.50 15.50 15.50 15.50 15.50	14.85 14.63 14.58 14.59 14.60 14.78	14.26 14.61 14.58 14.37 14.70	14.55 14.47 14.55 14.34 14.80
3MHz	16QAM 64QAM	8 8 15 1 1	0 4 7 0 0 7	15.50 15.50 15.50 15.50 15.50 15.50 15.50	14.85 14.63 14.58 14.59 14.60 14.78 14.72	14.26 14.61 14.58 14.37 14.70 14.72	14.55 14.47 14.55 14.34 14.80 14.84
3MHz		8 8 15 1 1 1 1	0 4 7 0 0 0 7 14	15.50 15.50 15.50 15.50 15.50 15.50 15.50 15.50	14.85 14.63 14.58 14.59 14.60 14.78 14.72 14.67	14.26 14.61 14.58 14.37 14.70 14.72 14.66	14.55 14.47 14.55 14.34 14.80 14.84 14.63
3MHz		8 8 15 1 1 1 8	0 4 7 0 0 7 14 0	15.50 15.50 15.50 15.50 15.50 15.50 15.50 15.50 15.50	14.85 14.63 14.58 14.59 14.60 14.78 14.72 14.67 14.45	14.26 14.61 14.58 14.37 14.70 14.72 14.66 14.56	14.55 14.47 14.55 14.34 14.80 14.84 14.63 14.55



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiuti	wouldtion	IND SIZE	IND UIISEL	Max.	20425CH	20525CH	20625CH
		1	0	15.50	14.47	14.38	14.52
		1	13	15.50	14.53	14.34	14.53
		1	24	15.50	14.48	14.38	14.55
	QPSK	12	0	15.50	14.70	14.39	14.63
		12	6	15.50	14.70	14.39	14.39
		12	13	15.50	14.66	14.35	14.61
		25	0	15.50	14.64	14.33	14.41
		1	0	15.50	14.76	14.67	14.82
		1	13	15.50	14.81	14.60	14.66
		1	24	15.50	14.76	14.62	14.76
5MHz	16QAM	12	0	15.50	14.67	14.49	14.44
		12	6	15.50	14.68	14.46	14.39
		12	13	15.50	14.67	14.47	14.42
		25	0	15.50	14.53	14.42	14.41
		1	0	15.50	14.67	14.60	14.28
		1	13	15.50	14.82	14.45	14.46
		1	24	15.50	14.83	14.56	14.30
	64QAM	12	0	15.50	14.51	14.57	14.48
		12	6	15.50	14.39	14.51	14.47
		12	13	15.50	14.42	14.61	14.42
		25	0	15.50	14.67	14.55	14.46
				Tuna un	Channal	Channel	Channel
Donalyziath	dwidth Modulation		DD offeet	Tune-up	Channel	Channel	Channel
Bandwidth	Modulation	RB size	RB offset	Max.	20450CH	20525CH	20600CH
Bandwidth	Modulation	RB size	RB offset 0				
Bandwidth	Modulation			Max.	20450CH	20525CH	20600CH
Bandwidth	Modulation	1	0	Max. 15.50	20450CH 14.63	20525CH 14.46	20600CH 14.56
Bandwidth	Modulation QPSK	1 1	0 25	Max. 15.50 15.50	20450CH 14.63 14.64	20525CH 14.46 14.46	20600CH 14.56 14.59
Bandwidth		1 1 1	0 25 49	Max. 15.50 15.50 15.50	20450CH 14.63 14.64 14.62	20525CH 14.46 14.46 14.43	20600CH 14.56 14.59 14.57
Bandwidth		1 1 1 25	0 25 49 0	Max. 15.50 15.50 15.50 15.50	20450CH 14.63 14.64 14.62 14.48	20525CH 14.46 14.43 14.43 14.46	20600CH 14.56 14.59 14.57 14.60
Bandwidth		1 1 1 25 25	0 25 49 0 13	Max. 15.50 15.50 15.50 15.50 15.50	20450CH 14.63 14.64 14.62 14.48 14.63	20525CH 14.46 14.46 14.43 14.46 14.46	20600CH 14.56 14.59 14.57 14.60 14.61
Bandwidth		1 1 25 25 25 25	0 25 49 0 13 25	Max. 15.50 15.50 15.50 15.50 15.50 15.50	20450CH 14.63 14.64 14.62 14.48 14.63 14.46	20525CH 14.46 14.43 14.43 14.46 14.46 14.46	20600CH 14.56 14.59 14.57 14.60 14.61 14.63
Bandwidth		1 1 25 25 25 25 50	0 25 49 0 13 25 0	Max. 15.50 15.50 15.50 15.50 15.50 15.50 15.50	20450CH 14.63 14.64 14.62 14.48 14.63 14.46 14.41	20525CH 14.46 14.43 14.43 14.46 14.46 14.46 14.46 14.47	20600CH 14.56 14.59 14.57 14.60 14.61 14.63 14.61
Bandwidth		1 1 25 25 25 25 50 1	0 25 49 0 13 25 0 0	Max. 15.50 15.50 15.50 15.50 15.50 15.50 15.50 15.50	20450CH 14.63 14.64 14.62 14.48 14.63 14.46 14.41 14.93	20525CH 14.46 14.43 14.43 14.46 14.46 14.46 14.46 14.47 14.46	20600CH 14.56 14.59 14.57 14.60 14.61 14.63 14.61 14.58
Bandwidth		1 1 25 25 25 50 1 1	0 25 49 0 13 25 0 0 0 25	Max. 15.50 15.50 15.50 15.50 15.50 15.50 15.50 15.50 15.50	20450CH 14.63 14.64 14.62 14.48 14.63 14.46 14.41 14.93 14.83	20525CH 14.46 14.43 14.46 14.46 14.46 14.46 14.47 14.46 14.45	20600CH 14.56 14.59 14.57 14.60 14.61 14.63 14.61 14.58 14.41
	QPSK	1 1 25 25 25 50 1 1 1	0 25 49 0 13 25 0 0 25 49	Max. 15.50 15.50 15.50 15.50 15.50 15.50 15.50 15.50 15.50	20450CH 14.63 14.64 14.62 14.48 14.63 14.46 14.41 14.93 14.83 14.70	20525CH 14.46 14.43 14.46 14.46 14.46 14.46 14.47 14.46 14.45 14.51	20600CH 14.56 14.59 14.57 14.60 14.61 14.63 14.61 14.58 14.41 14.46
	QPSK	1 1 25 25 25 50 1 1 1 25	0 25 49 0 13 25 0 0 0 25 49 0	Max. 15.50 15.50 15.50 15.50 15.50 15.50 15.50 15.50 15.50 15.50 15.50	20450CH 14.63 14.64 14.62 14.48 14.63 14.46 14.41 14.93 14.83 14.70 14.39	20525CH 14.46 14.43 14.46 14.46 14.46 14.46 14.47 14.46 14.47 14.45 14.51 14.38	20600CH 14.56 14.59 14.57 14.60 14.61 14.63 14.61 14.58 14.41 14.46 14.57
	QPSK	1 1 25 25 25 50 1 1 1 25 25 25	0 25 49 0 13 25 0 0 25 49 0 13	Max. 15.50 15.50 15.50 15.50 15.50 15.50 15.50 15.50 15.50 15.50 15.50 15.50	20450CH 14.63 14.64 14.62 14.48 14.63 14.46 14.41 14.93 14.83 14.83 14.70 14.39 14.35	20525CH 14.46 14.43 14.46 14.46 14.46 14.46 14.47 14.46 14.47 14.45 14.51 14.51 14.38 14.42	20600CH 14.56 14.59 14.57 14.60 14.61 14.63 14.61 14.58 14.41 14.46 14.57 14.56
	QPSK	1 1 25 25 25 50 1 1 1 25 25 25 25 25	0 25 49 0 13 25 0 0 25 49 0 13 25	Max. 15.50 15.50 15.50 15.50 15.50 15.50 15.50 15.50 15.50 15.50 15.50 15.50 15.50	20450CH 14.63 14.64 14.62 14.48 14.63 14.46 14.41 14.93 14.83 14.70 14.39 14.35 14.38	20525CH 14.46 14.43 14.46 14.46 14.46 14.46 14.47 14.46 14.45 14.51 14.38 14.42 14.42	20600CH 14.56 14.59 14.57 14.60 14.61 14.63 14.61 14.58 14.41 14.46 14.57 14.56 14.57
	QPSK	1 1 25 25 25 50 1 1 1 25 25 25 25 25	0 25 49 0 13 25 0 0 25 49 0 13 25 0 13 25 0	Max. 15.50 15.50 15.50 15.50 15.50 15.50 15.50 15.50 15.50 15.50 15.50 15.50 15.50 15.50	20450CH 14.63 14.64 14.62 14.48 14.63 14.46 14.41 14.93 14.83 14.83 14.70 14.39 14.35 14.38 14.37	20525CH 14.46 14.43 14.46 14.46 14.46 14.46 14.47 14.46 14.47 14.45 14.51 14.38 14.42 14.42 14.38	20600CH 14.56 14.59 14.57 14.60 14.61 14.63 14.61 14.63 14.61 14.58 14.41 14.46 14.57 14.56 14.57 14.59
	QPSK	$ \begin{array}{r} 1\\ 1\\ 25\\ 25\\ 25\\ 50\\ 1\\ 1\\ 1\\ 25\\ 25\\ 25\\ 25\\ 50\\ 1\\ 1 \end{array} $	0 25 49 0 13 25 0 0 25 49 0 25 49 0 13 25 0 0 0	Max. 15.50 15.50 15.50 15.50 15.50 15.50 15.50 15.50 15.50 15.50 15.50 15.50 15.50 15.50 15.50	20450CH 14.63 14.64 14.62 14.48 14.63 14.46 14.41 14.93 14.83 14.70 14.39 14.35 14.38 14.37 14.80	20525CH 14.46 14.43 14.46 14.46 14.46 14.46 14.47 14.46 14.47 14.45 14.51 14.51 14.38 14.42 14.42 14.38 14.56	20600CH 14.56 14.59 14.57 14.60 14.61 14.63 14.61 14.63 14.61 14.58 14.41 14.46 14.57 14.56 14.57 14.59 14.56
	QPSK 16QAM	$ \begin{array}{r} 1\\ 1\\ 25\\ 25\\ 25\\ 50\\ 1\\ 1\\ 1\\ 25\\ 25\\ 25\\ 25\\ 50\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1 \end{array} $	0 25 49 0 13 25 0 0 25 49 0 13 25 0 13 25 0 0 25 49	Max. 15.50 15.	20450CH 14.63 14.64 14.62 14.48 14.63 14.46 14.41 14.93 14.83 14.70 14.39 14.35 14.38 14.37 14.80 14.80	20525CH 14.46 14.43 14.46 14.46 14.46 14.46 14.46 14.47 14.46 14.45 14.51 14.38 14.42 14.38 14.56 14.51	20600CH 14.56 14.59 14.57 14.60 14.61 14.63 14.61 14.63 14.61 14.58 14.41 14.46 14.57 14.56 14.57 14.59 14.56 14.31
	QPSK	$ \begin{array}{r} 1\\ 1\\ 25\\ 25\\ 25\\ 50\\ 1\\ 1\\ 1\\ 25\\ 25\\ 25\\ 25\\ 50\\ 1\\ 1\\ 1\\ 1 \end{array} $	0 25 49 0 13 25 0 0 25 49 0 13 25 0 13 25 0 0 0 25	Max. 15.50	20450CH 14.63 14.64 14.62 14.48 14.63 14.46 14.41 14.93 14.83 14.70 14.39 14.35 14.38 14.37 14.80 14.80 14.80 14.88	20525CH 14.46 14.43 14.46 14.46 14.46 14.46 14.46 14.47 14.46 14.45 14.51 14.38 14.42 14.42 14.38 14.56 14.51 14.48	20600CH 14.56 14.59 14.57 14.60 14.61 14.63 14.61 14.63 14.61 14.58 14.41 14.46 14.57 14.56 14.57 14.59 14.56 14.31 14.54
	QPSK 16QAM	$ \begin{array}{r} 1\\ 1\\ 25\\ 25\\ 25\\ 50\\ 1\\ 1\\ 1\\ 25\\ 25\\ 25\\ 50\\ 1\\ 1\\ 1\\ 1\\ 25\\ 25\\ 25\\ 25\\ 25\\ 25\\ 25\\ 25\\ 25\\ 25$	0 25 49 0 13 25 0 0 25 49 0 13 25 0 0 25 0 0 25 49 0 25 49 0 13	Max. 15.50	20450CH 14.63 14.64 14.62 14.48 14.63 14.46 14.41 14.93 14.83 14.70 14.39 14.35 14.38 14.37 14.80 14.80 14.80 14.88 14.64 14.72	20525CH 14.46 14.43 14.46 14.46 14.46 14.46 14.47 14.46 14.47 14.46 14.45 14.51 14.38 14.51 14.38 14.56 14.51 14.51 14.55 14.55 14.53	20600CH 14.56 14.59 14.57 14.60 14.61 14.63 14.61 14.58 14.41 14.46 14.57 14.56 14.57 14.56 14.57 14.59 14.56 14.31 14.54 14.60 14.61
	QPSK 16QAM	$ \begin{array}{c} 1\\ 1\\ 25\\ 25\\ 25\\ 50\\ 1\\ 1\\ 1\\ 25\\ 25\\ 25\\ 50\\ 1\\ 1\\ 1\\ 1\\ 25\\ 50\\ 1\\ 1\\ 25\\ 50\\ 1\\ 1\\ 1\\ 25\\ 50\\ 50\\ 50\\ 50\\ 50\\ 50\\ 50\\ 50\\ 50\\ 5$	0 25 49 0 13 25 0 0 25 49 0 13 25 0 0 13 25 0 0 25 49 0 25 49 0 0	Max. 15.50	20450CH 14.63 14.64 14.62 14.48 14.63 14.46 14.41 14.93 14.83 14.70 14.39 14.35 14.38 14.37 14.38 14.37 14.80 14.80 14.80 14.88 14.64	20525CH 14.46 14.43 14.46 14.46 14.46 14.46 14.47 14.46 14.47 14.45 14.51 14.38 14.42 14.42 14.42 14.42 14.42 14.51 14.51 14.51	20600CH 14.56 14.59 14.57 14.60 14.61 14.63 14.61 14.63 14.61 14.58 14.41 14.46 14.57 14.56 14.57 14.59 14.56 14.31 14.54 14.60

Table 59: Test results conducted power measurement of LTE Band 5 (Reduced Power Level D3) Note: The Conducted power measurements of LTE Band 5 is measured with RMS detector.



7.1.16 Conducted power measurements of LTE Band 5(Main antenna)

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Banuwiuth	wouldtion	ND SIZE	KD UIISet	Max.	20407CH	20525CH	20643CH
		1	0	25.00	24.05	23.90	23.89
		1	3	25.00	23.99	23.84	23.90
		1	5	25.00	24.12	23.97	23.85
	QPSK	3	0	25.00	23.65	23.95	23.74
		3	2	25.00	23.93	23.92	23.83
		3	3	25.00	23.94	23.85	23.95
		6	0	24.00	23.17	22.97	22.85
		1	0	24.00	22.93	23.08	23.42
		1	3	24.00	22.85	23.04	23.14
		1	5	24.00	23.16	23.15	23.19
1.4MHz	16QAM	3	0	24.00	22.87	22.81	22.74
		3	2	24.00	22.94	22.97	22.92
		3	3	24.00	22.74	22.85	22.77
		6	0	23.00	21.92	21.92	21.88
		1	0	23.00	22.09	22.21	21.91
		1	3	23.00	22.01	22.15	21.70
		1	5	23.00	21.99	22.05	21.87
	64QAM	3	0	23.00	21.76	21.72	21.75
		3	2	23.00	21.86	21.98	21.75
		3	3	23.00	21.84	22.00	21.77
		6	0	22.00	20.92	20.95	20.99
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danawiath	Woodlation	110 3120		Max.	20415CH	20525CH	20635CH
		1	0	25.00	24.02	24.01	23.86
		1	7	25.00	23.78	23.80	23.79
		1	14	25.00	23.83	23.88	23.92
	QPSK	8	0	24.00	23.02	22.97	22.95
		8	4	24.00	23.04	23.12	22.84
		8	7	24.00	22.96	22.87	23.03
		15	0	24.00	22.96	22.98	22.99
		1	0	24.00	23.24	23.17	23.04
		1	7	24.00	23.02	23.07	23.12
		1	14	24.00	23.21	23.23	23.40
3MHz	16QAM	8	0	23.00	21.88	21.96	21.81
							21.82
		8	4	23.00	21.90	22.08	21.02
		8	7	23.00	21.93	22.07	21.89
				23.00 23.00	21.93 21.94	22.07 21.96	21.89 21.95
		8	7 0 0	23.00	21.93 21.94 21.73	22.07 21.96 21.83	21.89 21.95 21.55
		8 15	7 0 0 7	23.00 23.00 23.00 23.00	21.93 21.94 21.73 21.76	22.07 21.96 21.83 22.05	21.89 21.95 21.55 21.96
		8 15 1	7 0 0	23.00 23.00 23.00	21.93 21.94 21.73	22.07 21.96 21.83	21.89 21.95 21.55
	64QAM	8 15 1 1	7 0 0 7	23.00 23.00 23.00 23.00	21.93 21.94 21.73 21.76	22.07 21.96 21.83 22.05	21.89 21.95 21.55 21.96
		8 15 1 1 1 1	7 0 0 7 14	23.00 23.00 23.00 23.00 23.00	21.93 21.94 21.73 21.76 21.95	22.07 21.96 21.83 22.05 21.97	21.89 21.95 21.55 21.96 21.78
		8 15 1 1 1 8	7 0 0 7 14 0	23.00 23.00 23.00 23.00 23.00 22.00	21.93 21.94 21.73 21.76 21.95 20.94	22.07 21.96 21.83 22.05 21.97 20.91	21.89 21.95 21.55 21.96 21.78 20.98



Donoduuidth	Madulation		DD offeet	Tune-up	Channel	Channel	Channel
Bandwidth	Modulation	RB size	RB offset	Max.	20425CH	20525CH	20625CH
		1	0	25.00	24.02	23.99	23.99
		1	13	25.00	24.03	23.98	23.99
		1	24	25.00	24.01	23.89	23.91
	QPSK	12	0	24.00	23.06	22.99	22.83
		12	6	24.00	22.97	23.04	22.77
		12	13	24.00	22.92	23.07	22.91
		25	0	24.00	22.96	23.00	22.91
		1	0	24.00	23.10	23.39	23.21
		1	13	24.00	23.15	23.38	23.35
		1	24	24.00	23.01	23.36	23.32
5MHz	16QAM	12	0	23.00	21.99	22.02	21.81
		12	6	23.00	21.78	22.03	21.76
		12	13	23.00	21.92	22.04	21.87
		25	0	23.00	21.99	21.97	21.77
		1	0	23.00	21.83	21.86	21.70
		1	13	23.00	22.07	21.83	21.88
		1	24	23.00	22.06	22.06	21.75
	64QAM	12	0	22.00	20.85	20.87	20.84
		12	6	22.00	20.69	20.84	20.83
		12	13	22.00	20.75	20.88	20.84
		25	0	22.00	20.76	20.90	20.79
D 1 1/4				Tune-up	Channel	Channel	Channel
Bandwidth	Modulation	RB size	RB offset	Max.	20450CH	20525CH	20600CH
		1	0	25.00	23.82	23.92	23.93
		1	25	25.00	23.79	23.87	23.92
		1	49	25.00	23.86	23.12	23.86
		2 E	0	24.00	22.99	22.90	22.98
	QPSK	25	0	24.00	22.00		22.00
	QPSK	25	13	24.00	22.74	22.97	22.77
	QPSK	25	13	24.00			
	QPSK				22.74	22.97	22.77
	QPSK	25 25	13 25	24.00 24.00	22.74 22.92	22.97 23.02	22.77 22.75
	QPSK	25 25 50	13 25 0 0	24.00 24.00 24.00 24.00	22.74 22.92 22.74 23.01	22.97 23.02 22.99 23.27	22.77 22.75 22.96
	QPSK	25 25 50 1	13 25 0	24.00 24.00 24.00	22.74 22.92 22.74	22.97 23.02 22.99	22.77 22.75 22.96 22.99
10MHz		25 25 50 1 1 1	13 25 0 0 25	24.00 24.00 24.00 24.00 24.00 24.00	22.74 22.92 22.74 23.01 23.02	22.97 23.02 22.99 23.27 23.26	22.77 22.75 22.96 22.99 22.94
10MHz	QPSK 16QAM	25 25 50 1 1	13 25 0 0 25 49	24.00 24.00 24.00 24.00 24.00	22.74 22.92 22.74 23.01 23.02 23.09	22.97 23.02 22.99 23.27 23.26 23.30	22.77 22.75 22.96 22.99 22.94 22.91
10MHz		25 25 50 1 1 1 25	13 25 0 0 25 49 0	24.00 24.00 24.00 24.00 24.00 24.00 23.00	22.74 22.92 22.74 23.01 23.02 23.09 21.73	22.97 23.02 22.99 23.27 23.26 23.30 21.79	22.77 22.75 22.96 22.99 22.94 22.91 21.94
10MHz		25 25 50 1 1 1 25 25	13 25 0 0 25 49 0 13	24.00 24.00 24.00 24.00 24.00 24.00 23.00 23.00	22.74 22.92 22.74 23.01 23.02 23.09 21.73 21.74	22.97 23.02 22.99 23.27 23.26 23.30 21.79 21.89	22.77 22.75 22.96 22.99 22.94 22.91 21.94 21.80
10MHz		25 25 50 1 1 1 25 25 25 25	13 25 0 25 49 0 13 25	24.00 24.00 24.00 24.00 24.00 24.00 23.00 23.00 23.00	22.74 22.92 22.74 23.01 23.02 23.09 21.73 21.74 21.68	22.97 23.02 22.99 23.27 23.26 23.30 21.79 21.89 21.93	22.77 22.75 22.96 22.99 22.94 22.91 21.94 21.80 21.73
10MHz		25 25 50 1 1 1 25 25 25 25	13 25 0 25 49 0 13 25 0	24.00 24.00 24.00 24.00 24.00 23.00 23.00 23.00 23.00	22.74 22.92 22.74 23.01 23.02 23.09 21.73 21.74 21.68 21.82	22.97 23.02 22.99 23.27 23.26 23.30 21.79 21.89 21.93 21.88	22.77 22.75 22.96 22.99 22.94 22.91 21.94 21.80 21.73 21.72
10MHz		25 25 50 1 1 1 25 25 25 25	13 25 0 25 49 0 13 25 0 0 0 25	24.00 24.00 24.00 24.00 24.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00	22.74 22.92 22.74 23.01 23.02 23.09 21.73 21.74 21.68 21.82 22.00 22.09	22.97 23.02 22.99 23.27 23.26 23.30 21.79 21.89 21.93 21.88 21.97 21.96	22.77 22.75 22.96 22.99 22.94 22.91 21.94 21.80 21.73 21.72 21.71 21.85
10MHz	16QAM	25 25 50 1 1 1 25 25 25 50 1 1 1 1	13 25 0 25 49 0 13 25 0 0 0	24.00 24.00 24.00 24.00 24.00 23.00 23.00 23.00 23.00 23.00 23.00	22.74 22.92 22.74 23.01 23.02 23.09 21.73 21.74 21.68 21.82 22.00	22.97 23.02 22.99 23.27 23.26 23.30 21.79 21.89 21.93 21.88 21.97	22.77 22.75 22.96 22.99 22.94 22.91 21.94 21.80 21.73 21.72 21.71
10MHz		25 25 50 1 1 25 25 25 25 50 1 1 1 25	13 25 0 25 49 0 13 25 0 13 25 0 13 25 0 13 25 0 0 0 0 0 0 0 25 49 0	24.00 24.00 24.00 24.00 24.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00	22.74 22.92 22.74 23.01 23.02 23.09 21.73 21.74 21.68 21.82 22.00 22.09 21.89	22.97 23.02 22.99 23.27 23.26 23.30 21.79 21.89 21.93 21.88 21.97 21.96 21.68 20.89	22.77 22.75 22.96 22.99 22.94 22.91 21.94 21.80 21.73 21.72 21.71 21.85 22.01 20.73
10MHz	16QAM	25 25 50 1 1 25 25 25 25 50 1 1 1 25 25 25 25	13 25 0 25 49 0 13 25 0 13 25 0 13 25 0 0 0 13 25 0 13 13 13	24.00 24.00 24.00 24.00 24.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00	22.74 22.92 22.74 23.01 23.02 23.09 21.73 21.74 21.68 21.82 22.00 22.09 21.89 20.81 20.71	22.97 23.02 22.99 23.27 23.26 23.30 21.79 21.89 21.93 21.88 21.97 21.96 21.68 20.89 20.86	22.77 22.75 22.96 22.99 22.94 22.91 21.94 21.80 21.73 21.72 21.71 21.85 22.01 20.73 20.95
10MHz	16QAM	25 25 50 1 1 25 25 25 25 50 1 1 1 25	13 25 0 25 49 0 13 25 0 13 25 0 13 25 0 13 25 0 0 0 0 0 0 0 25 49 0	24.00 24.00 24.00 24.00 24.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00	22.74 22.92 22.74 23.01 23.02 23.09 21.73 21.74 21.68 21.82 22.00 22.09 21.89 20.81	22.97 23.02 22.99 23.27 23.26 23.30 21.79 21.89 21.93 21.88 21.97 21.96 21.68 20.89	22.77 22.75 22.96 22.99 22.94 22.91 21.94 21.80 21.73 21.72 21.71 21.85 22.01 20.73

Table 60: Test results conducted power measurement of LTE Band 5 Note: The Conducted power measurements of LTE Band 5 is measured with RMS detector.



7.1.17 Conducted power measurements of LTE Band 7(Second antenna)

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwium	wouldtion	RD SIZE	RD UIISEL	Max.	20775CH	21100CH	21425CH
		1	0	22.20	21.53	21.58	21.73
		1	13	22.20	21.51	21.45	21.93
		1	24	22.20	21.68	21.45	21.86
	QPSK	12	0	21.70	21.21	20.94	21.38
		12	6	21.70	21.24	20.93	21.38
		12	13	21.70	21.22	20.95	21.37
		25	0	21.70	21.25	21.10	21.39
		1	0	21.70	20.25	20.22	20.80
		1	13	21.70	20.33	20.32	20.66
		1	24	21.70	20.29	20.20	20.77
5MHz	16QAM	12	0	20.70	19.14	19.11	19.46
		12	6	20.70	19.24	18.97	19.38
		12	13	20.70	19.19	19.14	19.45
		25	0	20.70	19.12	19.14	19.60
		1	0	20.70	19.55	19.29	19.71
		1	13	20.70	19.32	19.10	19.84
		1	24	20.70	19.41	19.32	19.85
	64QAM	12	0	19.70	18.01	18.11	18.42
		12	6	19.70	18.06	18.13	18.40
		12	13	19.70	18.01	18.04	18.46
		25	0	19.70	18.10	18.12	18.44
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Banawiath	Wooddation			Max.	20800CH	21100CH	21400CH
		1	0	22.20	20.66	20.42	21.04
		1	25	22.20	20.63	20.40	21.08
		1	49	22.20	20.67	20.46	21.06
		05	∧	04 70	20.04	20.02	20.42
	QPSK	25	0	21.70			
	QPSK	25	13	21.70	20.02	20.00	20.50
	QPSK	25 25	13 25	21.70 21.70	20.02 20.12	20.00 19.95	20.50 20.50
	QPSK	25 25 50	13 25 0	21.70 21.70 21.70	20.02 20.12 20.02	20.00 19.95 19.99	20.50 20.50 20.45
	QPSK	25 25	13 25 0 0	21.70 21.70 21.70 21.70	20.02 20.12 20.02 20.17	20.00 19.95 19.99 20.24	20.50 20.50 20.45 20.72
	QP5K	25 25 50 1 1	13 25 0 0 25	21.70 21.70 21.70 21.70 21.70	20.02 20.12 20.02 20.17 20.30	20.00 19.95 19.99 20.24 19.96	20.50 20.50 20.45 20.72 20.68
		25 25 50 1 1 1	13 25 0 0 25 49	21.70 21.70 21.70 21.70 21.70 21.70 21.70	20.02 20.12 20.02 20.17 20.30 20.31	20.00 19.95 19.99 20.24 19.96 20.01	20.50 20.50 20.45 20.72 20.68 20.71
10MHz	16QAM	25 25 50 1 1 1 25	13 25 0 0 25 49 0	21.70 21.70 21.70 21.70 21.70 21.70 21.70 20.70	20.02 20.12 20.02 20.17 20.30 20.31 19.06	20.00 19.95 19.99 20.24 19.96 20.01 19.17	20.50 20.50 20.45 20.72 20.68 20.71 19.56
10MHz		25 25 50 1 1 1 25 25	13 25 0 25 49 0 13	21.70 21.70 21.70 21.70 21.70 21.70 21.70 20.70 20.70	20.02 20.12 20.02 20.17 20.30 20.31 19.06 19.07	20.00 19.95 19.99 20.24 19.96 20.01 19.17 19.13	20.50 20.50 20.45 20.72 20.68 20.71 19.56 19.56
10MHz		25 25 50 1 1 1 25 25 25 25	13 25 0 25 49 0 13 25	21.70 21.70 21.70 21.70 21.70 21.70 20.70 20.70 20.70	20.02 20.12 20.02 20.17 20.30 20.31 19.06 19.07 19.08	20.00 19.95 19.99 20.24 19.96 20.01 19.17 19.13 19.16	20.50 20.50 20.45 20.72 20.68 20.71 19.56 19.56 19.53
10MHz		25 25 50 1 1 1 25 25	13 25 0 25 49 0 13 25 0	21.70 21.70 21.70 21.70 21.70 21.70 20.70 20.70 20.70 20.70	20.02 20.12 20.02 20.17 20.30 20.31 19.06 19.07 19.08 18.85	20.00 19.95 19.99 20.24 19.96 20.01 19.17 19.13 19.16 19.14	20.50 20.50 20.45 20.72 20.68 20.71 19.56 19.56 19.53 19.36
10MHz		25 25 50 1 1 1 25 25 25 25	13 25 0 25 49 0 13 25 0 0	21.70 21.70 21.70 21.70 21.70 21.70 20.70 20.70 20.70 20.70 20.70	20.02 20.12 20.02 20.17 20.30 20.31 19.06 19.07 19.08 18.85 19.30	20.00 19.95 19.99 20.24 19.96 20.01 19.17 19.13 19.16 19.14 19.33	20.50 20.50 20.45 20.72 20.68 20.71 19.56 19.56 19.53 19.36 19.64
10MHz		25 25 50 1 1 1 25 25 25 25 50 1 1	13 25 0 25 49 0 13 25 0 0 0 25	21.70 21.70 21.70 21.70 21.70 21.70 20.70 20.70 20.70 20.70 20.70 20.70	20.02 20.12 20.02 20.17 20.30 20.31 19.06 19.07 19.08 18.85 19.30 19.29	20.00 19.95 19.99 20.24 19.96 20.01 19.17 19.13 19.16 19.14 19.33 19.35	20.50 20.50 20.45 20.72 20.68 20.71 19.56 19.56 19.53 19.36 19.64 19.81
10MHz	16QAM	25 25 50 1 1 1 25 25 25 50 1 1 1	13 25 0 25 49 0 13 25 0 0 0 25 49	21.70 21.70 21.70 21.70 21.70 21.70 20.70 20.70 20.70 20.70 20.70 20.70 20.70	20.02 20.12 20.02 20.17 20.30 20.31 19.06 19.07 19.08 18.85 19.30 19.29 19.25	20.00 19.95 19.99 20.24 19.96 20.01 19.17 19.13 19.16 19.14 19.33 19.35 19.08	20.50 20.50 20.45 20.72 20.68 20.71 19.56 19.56 19.53 19.36 19.64 19.81 19.25
10MHz		25 25 50 1 1 25 25 25 50 1 1 1 25	13 25 0 25 49 0 13 25 0 0 25 0 25 49 0	21.70 21.70 21.70 21.70 21.70 21.70 20.70 20.70 20.70 20.70 20.70 20.70 20.70 20.70 19.70	20.02 20.12 20.02 20.17 20.30 20.31 19.06 19.07 19.08 18.85 19.30 19.29 19.25 18.12	20.00 19.95 19.99 20.24 19.96 20.01 19.17 19.13 19.16 19.14 19.33 19.35 19.08 18.03	20.50 20.45 20.72 20.68 20.71 19.56 19.53 19.53 19.36 19.64 19.81 19.25 18.63
10MHz	16QAM	25 25 50 1 1 25 25 25 25 50 1 1 1 25 25 25 25	13 25 0 25 49 0 13 25 0 0 25 49 0 13	21.70 21.70 21.70 21.70 21.70 21.70 20.70 20.70 20.70 20.70 20.70 20.70 20.70 20.70 19.70 19.70	20.02 20.12 20.02 20.17 20.30 20.31 19.06 19.07 19.08 18.85 19.30 19.29 19.25 18.12 18.02	20.00 19.95 19.99 20.24 19.96 20.01 19.17 19.13 19.16 19.14 19.33 19.35 19.08 18.03 18.18	20.50 20.50 20.45 20.72 20.68 20.71 19.56 19.56 19.53 19.36 19.64 19.81 19.25 18.63 18.53
10MHz	16QAM	25 25 50 1 1 25 25 25 50 1 1 1 25	13 25 0 25 49 0 13 25 0 0 25 0 25 49 0	21.70 21.70 21.70 21.70 21.70 21.70 20.70 20.70 20.70 20.70 20.70 20.70 20.70 20.70 19.70	20.02 20.12 20.02 20.17 20.30 20.31 19.06 19.07 19.08 18.85 19.30 19.29 19.25 18.12	20.00 19.95 19.99 20.24 19.96 20.01 19.17 19.13 19.16 19.14 19.33 19.35 19.08 18.03	20.50 20.45 20.72 20.68 20.71 19.56 19.53 19.53 19.36 19.64 19.81 19.25 18.63



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiutin	Modulation	ND SIZE	ND UISEL	Max.	20825CH	21100CH	21375CH
		1	0	22.20	20.65	20.56	20.94
		1	38	22.20	20.57	20.51	20.97
		1	74	22.20	20.56	20.52	20.93
	QPSK	36	0	21.70	20.08	20.09	20.60
		36	18	21.70	20.07	20.09	20.58
		36	39	21.70	20.07	20.06	20.56
		75	0	21.70	20.02	20.02	20.38
		1	0	21.70	20.19	20.02	20.45
		1	38	21.70	20.18	20.08	20.58
		1	74	21.70	20.17	20.15	20.57
15MHz	16QAM	36	0	20.70	19.05	19.13	19.38
		36	18	20.70	19.03	19.14	19.49
		36	39	20.70	19.03	19.18	19.52
		75	0	20.70	18.79	19.01	19.32
		1	0	20.70	19.18	19.21	19.76
		1	38	20.70	19.22	19.04	19.70
		1	74	20.70	19.39	19.32	19.73
	64QAM	36	0	19.70	18.11	18.07	18.46
		36	18	19.70	18.16	18.19	18.45
		36	39	19.70	18.12	18.10	18.45
		75	0	19.70	17.95	18.06	18.38
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwidin	Woodation		IND UNSEL	Max.	20850CH	21100CH	21350CH
		1	0	22.20	20.77	20.68	21.08
		1	50	22.20	20.68	20.68	21.09
		1	99	22.20	20.75	20.75	21.04
	QPSK	50	0	21.70	20.05	20.16	20.60
		50	25	21.70	20.06	20.16	20.54
		50	50	21.70	20.00	20.15	20.53
		100	0	21.70	20.04	20.13	20.45
					20.04		
		1	0	21.70	20.04	20.13	20.45
		1 1	0 50	21.70 21.70	20.33 20.44	20.47 20.48	20.76 20.77
		1 1 1	0 50 99	21.70 21.70 21.70	20.33 20.44 20.28	20.47 20.48 20.48	20.76 20.77 20.76
20MHz	16QAM	1 1 1 50	0 50 99 0	21.70 21.70 21.70 20.70	20.33 20.44 20.28 18.94	20.47 20.48 20.48 19.01	20.76 20.77 20.76 19.25
20MHz	16QAM	1 1 1 50 50	0 50 99 0 25	21.70 21.70 21.70 20.70 20.70	20.33 20.44 20.28 18.94 19.04	20.47 20.48 20.48 19.01 19.01	20.76 20.77 20.76 19.25 19.35
20MHz	16QAM	1 1 50 50 50	0 50 99 0 25 50	21.70 21.70 21.70 20.70 20.70 20.70	20.33 20.44 20.28 18.94 19.04 19.05	20.47 20.48 20.48 19.01 19.01 19.05	20.76 20.77 20.76 19.25 19.35 19.32
20MHz	16QAM	1 1 1 50 50	0 50 99 0 25 50 0	21.70 21.70 20.70 20.70 20.70 20.70 20.70	20.33 20.44 20.28 18.94 19.04 19.05 18.77	20.47 20.48 20.48 19.01 19.01 19.05 19.11	20.76 20.77 20.76 19.25 19.35 19.32 19.38
20MHz	16QAM	1 1 50 50 50 100 1	0 50 99 0 25 50 0 0	21.70 21.70 20.70 20.70 20.70 20.70 20.70 20.70	20.33 20.44 20.28 18.94 19.04 19.05 18.77 19.27	20.47 20.48 20.48 19.01 19.01 19.05 19.11 19.26	20.76 20.77 20.76 19.25 19.35 19.32 19.38 19.80
20MHz	16QAM	1 1 50 50 50 100	0 50 99 0 25 50 0	21.70 21.70 20.70 20.70 20.70 20.70 20.70 20.70 20.70	20.33 20.44 20.28 18.94 19.04 19.05 18.77 19.27 19.45	20.47 20.48 20.48 19.01 19.01 19.05 19.11 19.26 19.54	20.76 20.77 20.76 19.25 19.35 19.32 19.38 19.80 19.91
20MHz		1 1 50 50 50 100 1 1 1	0 50 99 0 25 50 0 0	21.70 21.70 20.70 20.70 20.70 20.70 20.70 20.70 20.70 20.70	20.33 20.44 20.28 18.94 19.04 19.05 18.77 19.27 19.45 19.48	20.47 20.48 20.48 19.01 19.01 19.05 19.11 19.26 19.54	20.76 20.77 20.76 19.25 19.35 19.32 19.38 19.80 19.91 19.80
20MHz	16QAM 64QAM	$ \begin{array}{r} 1 \\ 1 \\ 50 \\ 50 \\ 50 \\ 100 \\ 1 \\ 1 \\ 50 \\ \end{array} $	0 50 99 0 25 50 0 0 50 99 0	21.70 21.70 20.70 20.70 20.70 20.70 20.70 20.70 20.70 20.70 19.70	20.33 20.44 20.28 18.94 19.04 19.05 18.77 19.27 19.45 19.48 18.09	20.47 20.48 20.48 19.01 19.01 19.05 19.11 19.26 19.54 19.54 19.54 18.21	20.76 20.77 20.76 19.25 19.35 19.32 19.38 19.80 19.91 19.80 18.31
20MHz		$ \begin{array}{r} 1 \\ 1 \\ 50 \\ 50 \\ 50 \\ 100 \\ 1 \\ 1 \\ 50 \\ 50 \\ 50 \\ 50 \\ \end{array} $	0 50 99 0 25 50 0 0 50 99	21.70 21.70 20.70 20.70 20.70 20.70 20.70 20.70 20.70 20.70	20.33 20.44 20.28 18.94 19.04 19.05 18.77 19.27 19.45 19.48 18.09 18.11	20.47 20.48 20.48 19.01 19.01 19.05 19.11 19.26 19.54 19.54 18.21 18.21	20.76 20.77 20.76 19.25 19.35 19.32 19.38 19.80 19.91 19.80 18.31 18.34
20MHz		$ \begin{array}{r} 1 \\ 1 \\ 50 \\ 50 \\ 50 \\ 100 \\ 1 \\ 1 \\ 50 \\ \end{array} $	0 50 99 0 25 50 0 0 50 99 0	21.70 21.70 20.70 20.70 20.70 20.70 20.70 20.70 20.70 20.70 19.70	20.33 20.44 20.28 18.94 19.04 19.05 18.77 19.27 19.45 19.48 18.09	20.47 20.48 20.48 19.01 19.01 19.05 19.11 19.26 19.54 19.54 19.54 18.21	20.76 20.77 20.76 19.25 19.35 19.32 19.38 19.80 19.91 19.80 18.31

Table 61: Test results conducted power measurement of LTE Band 7 (Full Power)



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwidin	Wouldtion	IND SIZE	IND UISEL	Max.	20775CH	21100CH	21425CH
		1	0	16.70	16.21	15.97	16.39
		1	13	16.70	16.17	15.98	16.39
		1	24	16.70	16.08	15.96	16.35
	QPSK	12	0	16.70	16.37	16.04	16.52
		12	6	16.70	16.33	16.03	16.51
		12	13	16.70	16.33	16.02	16.50
		25	0	16.70	16.31	16.19	16.50
		1	0	16.70	15.59	15.51	15.80
		1	13	16.70	15.26	15.45	15.79
		1	24	16.70	15.55	15.33	15.69
5MHz	16QAM	12	0	16.70	16.06	15.27	15.53
		12	6	16.70	15.43	15.21	15.53
		12	13	16.70	15.43	15.21	15.55
		25	0	16.70	16.16	15.41	15.67
		1	0	16.70	15.29	15.29	15.70
		1	13	16.70	15.51	15.48	15.61
		1	24	16.70	15.41	15.30	15.46
	64QAM	12	0	16.70	15.03	15.29	15.53
		12	6	16.70	15.18	15.17	15.45
		12	13	16.70	15.14	15.19	15.54
		25	0	16.70	15.17	15.16	15.55
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiuti	Wouldtion	ND SIZE	ND UIISEL	Max.	20800CH	21100CH	21400CH
		1	0	16.70	15.13	15.16	15.59
		1	25	16.70	15.08	15.19	15.60
		1	49	16.70	15.12	15.13	15.59
	QPSK	1 25	49 0	16.70 16.70	15.12 15.14	15.13 15.03	15.59 15.61
	QPSK						
	QPSK	25	0	16.70	15.14	15.03	15.61
	QPSK	25 25	0 13 25 0	16.70 16.70	15.14 15.14 15.20 15.20	15.03 15.21 15.04 15.06	15.61 15.57 15.58 15.58
	QPSK	25 25 25	0 13 25	16.70 16.70 16.70	15.14 15.14 15.20	15.03 15.21 15.04	15.61 15.57 15.58
	QPSK	25 25 25	0 13 25 0	16.70 16.70 16.70 16.70	15.14 15.14 15.20 15.20	15.03 15.21 15.04 15.06	15.61 15.57 15.58 15.58
	QPSK	25 25 25 50 1	0 13 25 0 0	16.70 16.70 16.70 16.70 16.70	15.14 15.14 15.20 15.20 15.37 15.34 15.31	15.03 15.21 15.04 15.06 15.27 15.23 15.30	15.61 15.57 15.58 15.58 15.52 15.51 15.53
10MHz	QPSK 16QAM	25 25 25 50 1 1	0 13 25 0 0 25 49 0	16.70 16.70 16.70 16.70 16.70 16.70	15.14 15.14 15.20 15.20 15.37 15.34	15.03 15.21 15.04 15.06 15.27 15.23	15.61 15.57 15.58 15.58 15.52 15.51
10MHz		25 25 25 50 1 1 1	0 13 25 0 0 25 49	16.70 16.70 16.70 16.70 16.70 16.70 16.70	15.14 15.14 15.20 15.20 15.37 15.34 15.31 15.07 15.08	15.03 15.21 15.04 15.06 15.27 15.23 15.30	15.61 15.57 15.58 15.58 15.52 15.51 15.53 15.58 15.58 15.57
10MHz		25 25 50 1 1 1 25	0 13 25 0 0 25 49 0	16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70	15.14 15.14 15.20 15.20 15.37 15.34 15.31 15.07	15.03 15.21 15.04 15.06 15.27 15.23 15.30 15.22	15.61 15.57 15.58 15.58 15.52 15.51 15.53 15.53
10MHz		25 25 50 1 1 1 25 25 25	0 13 25 0 0 25 49 0 13	16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70	15.14 15.14 15.20 15.20 15.37 15.34 15.31 15.07 15.08 15.07 14.86	15.03 15.21 15.04 15.06 15.27 15.23 15.30 15.22 15.22	15.61 15.57 15.58 15.58 15.52 15.51 15.53 15.58 15.57 15.56 15.43
10MHz		25 25 50 1 1 1 25 25 25 25	0 13 25 0 0 25 49 0 13 25 0 0	16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70	15.14 15.14 15.20 15.20 15.37 15.34 15.31 15.07 15.08 15.07 14.86 15.40	15.03 15.21 15.04 15.06 15.27 15.23 15.30 15.22 15.22 15.22 15.22 15.14 15.23 15.39	15.61 15.57 15.58 15.52 15.52 15.51 15.53 15.58 15.57 15.56 15.43 15.96
10MHz		25 25 50 1 1 1 25 25 25 25	0 13 25 0 0 25 49 0 13 25 0	16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70	15.14 15.14 15.20 15.20 15.37 15.34 15.31 15.07 15.08 15.07 14.86	15.03 15.21 15.04 15.06 15.27 15.23 15.30 15.22 15.22 15.22 15.14 15.23	15.61 15.57 15.58 15.58 15.52 15.51 15.53 15.58 15.57 15.56 15.43
10MHz		25 25 50 1 1 25 25 25 25 25 50 1	0 13 25 0 0 25 49 0 13 25 0 0	16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70	15.14 15.14 15.20 15.20 15.37 15.34 15.31 15.07 15.08 15.07 14.86 15.40	15.03 15.21 15.04 15.06 15.27 15.23 15.30 15.22 15.22 15.22 15.22 15.14 15.23 15.39	15.61 15.57 15.58 15.52 15.52 15.51 15.53 15.58 15.57 15.56 15.43 15.96
10MHz		25 25 50 1 1 1 25 25 25 25 50 1 1	0 13 25 0 0 25 49 0 13 25 0 0 0 25	16.70 16.70	15.14 15.14 15.20 15.20 15.37 15.34 15.31 15.07 15.08 15.07 14.86 15.40 15.52	15.03 15.21 15.04 15.06 15.27 15.23 15.30 15.22 15.22 15.22 15.14 15.23 15.39 15.21	15.61 15.57 15.58 15.52 15.51 15.53 15.53 15.58 15.57 15.56 15.43 15.96 15.86
10MHz	16QAM	25 25 50 1 1 1 25 25 25 50 1 1 1	0 13 25 0 0 25 49 0 13 25 0 0 0 25 49	$\begin{array}{c} 16.70 \\ 16.70 \\ 16.70 \\ 16.70 \\ 16.70 \\ 16.70 \\ 16.70 \\ 16.70 \\ 16.70 \\ 16.70 \\ 16.70 \\ 16.70 \\ 16.70 \\ 16.70 \\ 16.70 \\ 16.70 \\ 16.70 \\ 16.70 \end{array}$	15.14 15.14 15.20 15.20 15.37 15.34 15.31 15.07 15.08 15.07 14.86 15.40 15.52 15.31	15.03 15.21 15.04 15.06 15.27 15.23 15.30 15.22 15.22 15.14 15.23 15.39 15.21 15.28	15.61 15.57 15.58 15.52 15.51 15.53 15.53 15.58 15.57 15.56 15.43 15.96 15.86 15.86 15.64
10MHz	16QAM	25 25 50 1 1 1 25 25 25 50 1 1 1 25	0 13 25 0 25 49 0 13 25 0 0 25 0 0 25 49 0	$\begin{array}{c} 16.70 \\ 16.70 \\ 16.70 \\ 16.70 \\ 16.70 \\ 16.70 \\ 16.70 \\ 16.70 \\ 16.70 \\ 16.70 \\ 16.70 \\ 16.70 \\ 16.70 \\ 16.70 \\ 16.70 \\ 16.70 \\ 16.70 \\ 16.70 \\ 16.70 \end{array}$	15.14 15.14 15.20 15.20 15.37 15.34 15.31 15.07 15.08 15.07 14.86 15.40 15.52 15.31 15.01	15.03 15.21 15.04 15.06 15.27 15.23 15.20 15.22 15.22 15.23 15.24 15.25 15.22 15.23 15.24 15.25 15.21 15.23 15.23 15.23 15.23 15.23 15.23 15.23	15.61 15.57 15.58 15.52 15.51 15.53 15.53 15.58 15.57 15.56 15.43 15.96 15.86 15.64 15.64



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiutin	Modulation	ND SIZE	ND UISEL	Max.	20825CH	21100CH	21375CH
		1	0	16.70	15.13	15.23	15.57
		1	38	16.70	15.24	15.26	15.51
		1	74	16.70	15.08	15.23	15.51
	QPSK	36	0	16.70	15.22	15.24	15.73
		36	18	16.70	15.20	15.22	15.71
		36	39	16.70	15.19	15.23	15.48
		75	0	16.70	15.21	15.19	15.45
		1	0	16.70	15.42	15.43	15.57
		1	38	16.70	15.21	15.40	15.63
		1	74	16.70	15.57	15.30	15.64
15MHz	16QAM	36	0	16.70	15.07	15.24	15.59
		36	18	16.70	15.09	15.24	15.53
		36	39	16.70	15.06	15.23	15.59
		75	0	16.70	14.83	15.00	15.37
		1	0	16.70	15.36	15.34	15.71
		1	38	16.70	15.46	15.38	15.45
		1	74	16.70	15.30	15.32	15.57
	64QAM	36	0	16.70	15.14	15.08	15.65
		36	18	16.70	15.15	15.21	15.64
		36	39	16.70	15.05	15.08	15.64
		75	0	16.70	14.96	15.03	15.48
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danawiatin	modulation		IND ONSEL	Max.	20850CH	21100CH	21350CH
		1	0	16.70	15.30	15.40	15.73
		1	50	16.70	15.26	15.44	15.74
		1	99	16.70	15.23	15.40	15.70
	QPSK	50	0	16.70	15.20	15.06	15.52
	QPSK	50	25	16.70 16.70	15.21	15.06 15.04	15.55
	QPSK	50 50	25 50	16.70 16.70 16.70	15.21 15.15	15.06 15.04 15.09	15.55 15.53
	QPSK	50 50 100	25 50 0	16.70 16.70 16.70 16.70	15.21 15.15 15.01	15.06 15.04 15.09 15.31	15.55 15.53 15.40
	QPSK	50 50	25 50	16.70 16.70 16.70	15.21 15.15 15.01 15.64	15.06 15.04 15.09 15.31 15.60	15.55 15.53
	QPSK	50 50 100 1 1	25 50 0 0 50	16.70 16.70 16.70 16.70 16.70 16.70	15.21 15.15 15.01 15.64 15.51	15.06 15.04 15.09 15.31 15.60 15.63	15.55 15.53 15.40 15.99 15.84
		50 50 100 1 1 1 1	25 50 0 50 50 99	16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70	15.21 15.15 15.01 15.64 15.51 15.43	15.06 15.04 15.09 15.31 15.60 15.63 15.63	15.55 15.53 15.40 15.99 15.84 15.94
20MHz	QPSK 16QAM	50 50 100 1 1 1 50	25 50 0 50 99 0	16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70	15.21 15.15 15.01 15.64 15.51 15.43 15.08	15.06 15.04 15.31 15.60 15.63 15.63 15.16	15.55 15.53 15.40 15.99 15.84 15.94 15.39
20MHz		50 50 100 1 1 1 50 50	25 50 0 50 99 0 25	16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70	15.21 15.15 15.01 15.64 15.51 15.43 15.08 15.08	15.06 15.04 15.09 15.31 15.60 15.63 15.63 15.16 15.21	15.55 15.53 15.99 15.84 15.94 15.39 15.39 15.39 15.40
20MHz		50 50 100 1 1 1 50	25 50 0 50 99 0	16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70	15.21 15.15 15.01 15.64 15.51 15.43 15.08	15.06 15.04 15.31 15.60 15.63 15.63 15.16	15.55 15.53 15.40 15.99 15.84 15.94 15.39
20MHz		50 50 100 1 1 1 50 50	25 50 0 50 99 0 25	16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70	15.21 15.15 15.01 15.64 15.51 15.43 15.08 15.14 14.84	15.06 15.04 15.09 15.31 15.60 15.63 15.63 15.16 15.21 15.19 15.17	15.55 15.53 15.99 15.84 15.94 15.39 15.37 15.51
20MHz		50 50 100 1 1 1 50 50 50 50	25 50 0 50 99 0 25 50 0 0	16.7016.7016.7016.7016.7016.7016.7016.7016.7016.7016.7016.7016.7016.7016.70	15.21 15.15 15.01 15.64 15.51 15.43 15.08 15.14 15.14 15.43	15.06 15.04 15.09 15.31 15.60 15.63 15.63 15.16 15.21 15.19 15.17 15.63	15.55 15.53 15.99 15.84 15.94 15.39 15.40 15.39 15.40 15.39 15.40 15.39 15.40 15.37 15.51 15.82
20MHz		50 50 100 1 1 1 50 50 50 50	25 50 0 50 99 0 25 50 0	16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70 16.70	15.21 15.15 15.01 15.64 15.51 15.43 15.08 15.14 14.84	15.06 15.04 15.09 15.31 15.60 15.63 15.63 15.16 15.21 15.19 15.17	15.55 15.53 15.99 15.84 15.94 15.39 15.37 15.51
20MHz		50 50 100 1 1 1 50 50 50 50 100 1	25 50 0 50 99 0 25 50 0 0	16.7016.7016.7016.7016.7016.7016.7016.7016.7016.7016.7016.7016.7016.7016.70	15.21 15.15 15.01 15.64 15.51 15.43 15.08 15.14 14.84 15.71 15.71 15.55	15.06 15.04 15.09 15.31 15.60 15.63 15.63 15.16 15.21 15.19 15.17 15.63	15.55 15.53 15.99 15.84 15.94 15.39 15.40 15.39 15.40 15.39 15.40 15.39 15.40 15.37 15.51 15.82
20MHz		50 50 100 1 1 1 50 50 50 50 100 1 1	25 50 0 50 99 0 25 50 0 0 0 50	16.70 16.70	15.21 15.15 15.01 15.64 15.51 15.43 15.08 15.14 14.84 15.48 15.71	15.06 15.04 15.09 15.31 15.60 15.63 15.63 15.16 15.21 15.19 15.17 15.63 15.47	15.55 15.53 15.99 15.84 15.94 15.39 15.40 15.37 15.51 15.82 15.88
20MHz	16QAM	50 50 100 1 1 1 50 50 50 50 100 1 1 1 1	25 50 0 50 99 0 25 50 0 0 0 50 99	16.70 16.70	15.21 15.15 15.01 15.64 15.51 15.43 15.08 15.14 14.84 15.71 15.71 15.55	15.06 15.04 15.09 15.31 15.60 15.63 15.63 15.16 15.21 15.19 15.17 15.63 15.47 15.51	15.55 15.53 15.99 15.84 15.94 15.39 15.40 15.37 15.51 15.82 15.88 15.98
20MHz	16QAM	50 50 100 1 1 1 50 50 50 100 1 1 1 1 50 50 50 50 100 1 1 50 50 50 100 1 1 50	25 50 0 50 99 0 25 50 0 0 50 99 99 0	$\begin{array}{c} 16.70 \\ 16.70 \\ 16.70 \\ 16.70 \\ 16.70 \\ 16.70 \\ 16.70 \\ 16.70 \\ 16.70 \\ 16.70 \\ 16.70 \\ 16.70 \\ 16.70 \\ 16.70 \\ 16.70 \\ 16.70 \\ 16.70 \\ 16.70 \\ 16.70 \\ 16.70 \end{array}$	15.21 15.15 15.01 15.64 15.51 15.43 15.08 15.14 14.84 15.71 15.55 15.16	15.06 15.04 15.09 15.31 15.60 15.63 15.63 15.16 15.21 15.19 15.17 15.63 15.47 15.51 15.28	15.55 15.53 15.99 15.84 15.94 15.39 15.40 15.37 15.51 15.88 15.98 15.38 15.38

Table 62: Test results conducted power measurement of LTE Band 7 (Reduced Power Level D1)



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danawidin	Wouldton		TE Oliset	Max.	20775CH	21100CH	21425CH
		1	0	18.20	17.57	17.56	17.83
		1	13	18.20	17.52	17.55	17.83
		1	24	18.20	17.65	17.51	17.81
	QPSK	12	0	18.20	17.57	17.46	17.78
		12	6	18.20	17.74	17.51	17.77
		12	13	18.20	17.81	17.43	17.77
		25	0	18.20	17.58	17.47	17.84
		1	0	18.20	17.80	17.73	17.86
		1	13	18.20	17.71	17.80	17.92
		1	24	18.20	17.77	17.65	17.88
5MHz	16QAM	12	0	18.20	17.53	17.46	17.71
		12	6	18.20	17.55	17.44	17.71
		12	13	18.20	17.49	17.33	17.88
		25	0	18.20	17.49	17.39	17.84
		1	0	18.20	17.51	17.50	17.83
		1	13	18.20	17.52	17.38	17.91
		1	24	18.20	17.54	17.47	17.89
	64QAM	12	0	18.20	17.46	17.39	17.90
		12	6	18.20	17.45	17.44	17.85
		12	13	18.20	17.46	17.34	17.84
		25	0	18.20	17.60	17.31	17.76
				Tune-up	Channel	Channel	Channel
Donaduuidth	Madulation		DD offeet	i une-up	Channel	Onarmor	Channel
Bandwidth	Modulation	RB size	RB offset	Max.	20800CH	21100CH	21400CH
Bandwidth	Modulation	RB size	RB offset 0	•			
Bandwidth	Modulation			Max.	20800CH	21100CH	21400CH
Bandwidth	Modulation	1	0	Max. 18.20	20800CH 17.77	21100CH 17.49	21400CH 17.93
Bandwidth	Modulation QPSK	1 1	0 25	Max. 18.20 18.20	20800CH 17.77 17.69	21100CH 17.49 17.61	21400CH 17.93 17.93
Bandwidth		1 1 1	0 25 49	Max. 18.20 18.20 18.20	20800CH 17.77 17.69 17.66	21100CH 17.49 17.61 17.61	21400CH 17.93 17.93 17.91
Bandwidth		1 1 1 25	0 25 49 0	Max. 18.20 18.20 18.20 18.20	20800CH 17.77 17.69 17.66 17.66	21100CH 17.49 17.61 17.61 17.57	21400CH 17.93 17.93 17.91 17.93
Bandwidth		1 1 1 25 25	0 25 49 0 13	Max. 18.20 18.20 18.20 18.20 18.20	20800CH 17.77 17.69 17.66 17.66 17.61	21100CH 17.49 17.61 17.61 17.57 17.57	21400CH 17.93 17.93 17.91 17.93 17.88
Bandwidth		1 1 25 25 25 25	0 25 49 0 13 25	Max. 18.20 18.20 18.20 18.20 18.20 18.20	20800CH 17.77 17.69 17.66 17.66 17.61 17.61	21100CH 17.49 17.61 17.61 17.57 17.57 17.53	21400CH 17.93 17.93 17.91 17.93 17.88 17.93
Bandwidth		1 1 25 25 25 50	0 25 49 0 13 25 0 0	Max. 18.20 18.20 18.20 18.20 18.20 18.20 18.20	20800CH 17.77 17.69 17.66 17.66 17.61 17.61 17.59	21100CH 17.49 17.61 17.61 17.57 17.57 17.53 17.53	21400CH 17.93 17.93 17.91 17.93 17.88 17.93 17.93 17.97
Bandwidth		1 1 25 25 25 25 50 1	0 25 49 0 13 25 0	Max. 18.20 18.20 18.20 18.20 18.20 18.20 18.20 18.20	20800CH 17.77 17.69 17.66 17.66 17.61 17.61 17.59 17.82	21100CH 17.49 17.61 17.61 17.57 17.57 17.53 17.53 17.73	21400CH 17.93 17.93 17.91 17.93 17.88 17.93 17.93 17.97 17.98
Bandwidth		1 1 25 25 25 25 50 1 1	0 25 49 0 13 25 0 0 0 25	Max. 18.20 18.20 18.20 18.20 18.20 18.20 18.20 18.20 18.20	20800CH 17.77 17.69 17.66 17.66 17.61 17.61 17.59 17.82 17.70	21100CH 17.49 17.61 17.61 17.57 17.57 17.53 17.53 17.73 17.83	21400CH 17.93 17.93 17.91 17.93 17.88 17.93 17.93 17.97 17.98 18.01
	QPSK	1 1 25 25 25 50 1 1 1	0 25 49 0 13 25 0 0 0 25 49	Max. 18.20 18.20 18.20 18.20 18.20 18.20 18.20 18.20 18.20 18.20	20800CH 17.77 17.69 17.66 17.66 17.61 17.61 17.59 17.82 17.70 17.63	21100CH 17.49 17.61 17.61 17.57 17.57 17.53 17.53 17.53 17.73 17.83 17.60	21400CH 17.93 17.93 17.91 17.93 17.93 17.93 17.93 17.97 17.98 18.01 18.00
	QPSK	1 1 25 25 25 50 1 1 1 25	0 25 49 0 13 25 0 0 25 49 0	Max. 18.20 18.20 18.20 18.20 18.20 18.20 18.20 18.20 18.20 18.20 18.20 18.20 18.20	20800CH 17.77 17.69 17.66 17.66 17.61 17.61 17.59 17.82 17.70 17.63 17.63	21100CH 17.49 17.61 17.61 17.57 17.57 17.53 17.53 17.53 17.73 17.83 17.60 17.39	21400CH 17.93 17.93 17.91 17.93 17.93 17.88 17.93 17.93 17.97 17.98 18.01 18.00 17.82
	QPSK	1 1 25 25 25 50 1 1 1 25 25 25 25 25	0 25 49 0 13 25 0 0 25 49 0 13 25	Max. 18.20 18.20 18.20 18.20 18.20 18.20 18.20 18.20 18.20 18.20 18.20 18.20 18.20 18.20 18.20 18.20 18.20	20800CH 17.77 17.69 17.66 17.61 17.61 17.59 17.82 17.70 17.63 17.66 17.64	21100CH 17.49 17.61 17.61 17.57 17.57 17.53 17.53 17.73 17.73 17.83 17.60 17.39 17.45	21400CH 17.93 17.93 17.91 17.93 17.88 17.93 17.93 17.97 17.98 18.01 18.00 17.82 17.84
	QPSK	1 1 25 25 25 50 1 1 1 25 25 25	0 25 49 0 13 25 0 0 25 49 0 13	Max. 18.20	20800CH 17.77 17.69 17.66 17.66 17.61 17.61 17.59 17.82 17.70 17.63 17.63 17.66 17.64 17.55	21100CH 17.49 17.61 17.61 17.57 17.57 17.53 17.53 17.53 17.73 17.83 17.60 17.39 17.45 17.45	21400CH 17.93 17.93 17.91 17.93 17.88 17.93 17.93 17.97 17.98 18.01 18.00 17.82 17.84 17.83
	QPSK	$ \begin{array}{r} 1\\ 1\\ 25\\ 25\\ 25\\ 50\\ 1\\ 1\\ 1\\ 25\\ 25\\ 25\\ 25\\ 50\\ \end{array} $	0 25 49 0 13 25 0 0 25 49 0 13 25 0	Max. 18.20 18.20 18.20 18.20 18.20 18.20 18.20 18.20 18.20 18.20 18.20 18.20 18.20 18.20 18.20 18.20 18.20	20800CH 17.77 17.69 17.66 17.66 17.61 17.61 17.59 17.82 17.70 17.63 17.63 17.66 17.64 17.55 17.41	21100CH 17.49 17.61 17.61 17.57 17.57 17.53 17.53 17.53 17.73 17.83 17.60 17.39 17.45 17.45 17.45	21400CH 17.93 17.93 17.91 17.93 17.93 17.88 17.93 17.97 17.98 18.01 18.00 17.82 17.84 17.83 17.99
	QPSK	$ \begin{array}{r} 1\\ 1\\ 25\\ 25\\ 25\\ 50\\ 1\\ 1\\ 1\\ 25\\ 25\\ 25\\ 25\\ 50\\ 1\\ 1 \end{array} $	0 25 49 0 13 25 0 0 25 49 0 13 25 0 13 25 0 0 0 25	Max. 18.20	20800CH 17.77 17.69 17.66 17.61 17.61 17.59 17.82 17.70 17.63 17.63 17.66 17.64 17.55 17.41 17.86 17.82	21100CH 17.49 17.61 17.61 17.57 17.57 17.53 17.53 17.53 17.73 17.83 17.60 17.39 17.45 17.45 17.45 17.45 17.45 17.50 17.65	21400CH 17.93 17.93 17.91 17.93 17.88 17.93 17.93 17.93 17.97 17.98 18.01 18.00 17.82 17.84 17.83 17.99 18.00 17.92
	QPSK 16QAM	$ \begin{array}{r} 1\\ 1\\ 25\\ 25\\ 25\\ 50\\ 1\\ 1\\ 1\\ 25\\ 25\\ 25\\ 25\\ 50\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1 \end{array} $	0 25 49 0 13 25 0 0 25 49 0 13 25 0 13 25 0 0 25 49	Max. 18.20	20800CH 17.77 17.69 17.66 17.61 17.61 17.59 17.82 17.70 17.63 17.66 17.64 17.55 17.41 17.86 17.82 17.81	21100CH 17.49 17.61 17.61 17.57 17.57 17.53 17.53 17.53 17.73 17.83 17.60 17.39 17.45 17.45 17.45 17.45 17.45 17.65 17.65 17.74	21400CH 17.93 17.93 17.91 17.93 17.93 17.93 17.93 17.93 17.97 17.98 18.01 18.00 17.82 17.84 17.83 17.99 18.00 17.92 17.87
	QPSK	$ \begin{array}{c} 1\\ 1\\ 25\\ 25\\ 25\\ 50\\ 1\\ 1\\ 1\\ 25\\ 25\\ 25\\ 50\\ 1\\ 1\\ 1\\ 1\\ 25\\ 50\\ 1\\ 1\\ 25\\ 50\\ 1\\ 1\\ 1\\ 25\\ 50\\ 50\\ 50\\ 50\\ 50\\ 50\\ 50\\ 50\\ 50\\ 5$	0 25 49 0 13 25 0 0 25 49 0 13 25 0 0 13 25 0 0 25 49 0 25 49 0 0	Max. 18.20	20800CH 17.77 17.69 17.66 17.66 17.61 17.61 17.59 17.82 17.70 17.63 17.66 17.64 17.55 17.41 17.86 17.82 17.81 17.81 17.46	21100CH 17.49 17.61 17.61 17.57 17.57 17.53 17.53 17.53 17.73 17.83 17.60 17.39 17.45 17.45 17.45 17.45 17.44 17.50 17.65 17.74 17.48	21400CH 17.93 17.93 17.91 17.93 17.93 17.88 17.93 17.97 17.98 18.01 18.00 17.82 17.84 17.83 17.99 18.00 17.99 18.00 17.92 17.87 17.94
	QPSK 16QAM	$ \begin{array}{r} 1\\ 1\\ 25\\ 25\\ 25\\ 50\\ 1\\ 1\\ 1\\ 25\\ 25\\ 25\\ 50\\ 1\\ 1\\ 1\\ 1\\ 25\\ 25\\ 25\\ 25\\ 25\\ 25\\ 25\\ 25\\ 25\\ 25$	0 25 49 0 13 25 0 0 25 49 0 13 25 0 0 13 25 0 0 25 49 0 13	Max. 18.20	20800CH 17.77 17.69 17.66 17.61 17.61 17.61 17.59 17.82 17.70 17.63 17.66 17.64 17.64 17.55 17.41 17.86 17.82 17.81 17.81 17.46 17.53	21100CH 17.49 17.61 17.61 17.57 17.57 17.53 17.53 17.53 17.73 17.83 17.60 17.39 17.45 17.45 17.45 17.45 17.45 17.44 17.50 17.65 17.74 17.48 17.44	21400CH 17.93 17.93 17.91 17.93 17.88 17.93 17.93 17.97 17.98 18.01 18.00 17.82 17.84 17.83 17.99 18.00 17.92 17.87 17.94 17.94 17.95
	QPSK 16QAM	$ \begin{array}{r} 1\\ 1\\ 25\\ 25\\ 25\\ 50\\ 1\\ 1\\ 1\\ 25\\ 25\\ 25\\ 50\\ 1\\ 1\\ 1\\ 1\\ 25\\ 50\\ 1\\ 1\\ 25\\ 50\\ 1\\ 1\\ 1\\ 25\\ 50\\ 50\\ 50\\ 50\\ 50\\ 50\\ 50\\ 50\\ 50\\ 5$	0 25 49 0 13 25 0 0 25 49 0 13 25 0 0 13 25 0 0 25 49 0 25 49 0 0	Max. 18.20	20800CH 17.77 17.69 17.66 17.66 17.61 17.61 17.59 17.82 17.70 17.63 17.66 17.64 17.55 17.41 17.86 17.82 17.81 17.81 17.46	21100CH 17.49 17.61 17.61 17.57 17.57 17.53 17.53 17.53 17.73 17.83 17.60 17.39 17.45 17.45 17.45 17.45 17.44 17.50 17.65 17.74 17.48	21400CH 17.93 17.93 17.91 17.93 17.93 17.88 17.93 17.97 17.98 18.01 18.00 17.82 17.84 17.83 17.99 18.00 17.99 18.00 17.92 17.87 17.94



Bandwidth 15MHz	Modulation QPSK 16QAM	RB size 1 1 1 1 36 36 36 75 1 1 1 1 36 36 36 36 36 36 36 36 36 36 36 36 36	RB offset 0 38 74 0 18 39 0 38 74	Max. 18.20 18.20 18.20 18.20 18.20 18.20 18.20 18.20 18.20 18.20	20825CH 17.75 17.75 17.76 17.59 17.59 17.58 17.57 17.83	21100CH 17.64 17.63 17.62 17.55 17.55 17.55 17.55 17.52	21375CH 17.97 17.98 17.99 17.98 17.95 17.95 17.96 17.93
15MHz		1 1 36 36 36 75 1 1 1 1 36	38 74 0 18 39 0 0 0 38	18.2018.2018.2018.2018.2018.2018.2018.20	17.75 17.76 17.59 17.59 17.58 17.57	17.63 17.62 17.55 17.55 17.55 17.55 17.52	17.98 17.99 17.98 17.95 17.96
15MHz		1 36 36 36 75 1 1 1 1 36	74 0 18 39 0 0 38	18.20 18.20 18.20 18.20 18.20 18.20	17.76 17.59 17.59 17.58 17.57	17.62 17.55 17.55 17.55 17.55 17.52	17.99 17.98 17.95 17.96
15MHz		36 36 75 1 1 1 36	0 18 39 0 0 38	18.20 18.20 18.20 18.20 18.20	17.59 17.59 17.58 17.57	17.55 17.55 17.55 17.52	17.98 17.95 17.96
15MHz		36 36 75 1 1 1 36	18 39 0 0 38	18.20 18.20 18.20 18.20	17.59 17.58 17.57	17.55 17.55 17.52	17.95 17.96
15MHz	16QAM	36 75 1 1 1 36	39 0 0 38	18.20 18.20 18.20	17.58 17.57	17.55 17.52	17.96
15MHz	16QAM	75 1 1 1 36	0 0 38	18.20 18.20	17.57	17.52	
15MHz	16QAM	1 1 1 36	0 38	18.20			17.93
15MHz	16QAM	1 1 36	38		17 83		
15MHz	16QAM	1 36		10 20	17.05	17.50	17.95
15MHz	16QAM	36	74	10.20	17.80	17.72	17.97
15MHz	16QAM			18.20	17.74	17.60	17.95
			0	18.20	17.59	17.51	17.98
		36	18	18.20	17.56	17.51	18.00
		36	39	18.20	17.53	17.50	17.99
		75	0	18.20	17.44	17.49	17.98
		1	0	18.20	17.74	17.56	18.01
		1	38	18.20	17.72	17.49	17.73
		1	74	18.20	17.71	17.50	17.97
	64QAM	36	0	18.20	17.71	17.48	17.97
		36	18	18.20	17.72	17.48	17.97
		36	39	18.20	17.69	17.46	17.93
		75	0	18.20	17.49	17.52	17.96
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiutin	wouldtion	ND SIZE	ND UISEL	Max.	20850CH	21100CH	21350CH
		1	0	18.20	17.95	17.87	17.93
		1	50	18.20	17.97	17.86	17.98
		1	99	18.20	17.96	17.86	17.97
	QPSK	50	0	18.20	17.64	17.58	17.98
		50	25	18.20	17.65	17.58	17.99
		50	50	18.20	17.64	17.58	17.96
		100	0	18.20	17.54	17.58	17.98
		1	0	18.20	17.93	17.92	17.94
		1	50	18.20	18.01	17.85	17.97
		1	99	18.20	17.97	17.80	18.00
20MHz	16QAM	50	0	18.20	17.51	17.47	18.00
		50	25	18.20	17.52	17.49	17.93
		50	50	18.20	17.56	17.53	17.92
		100	0	18.20	17.45	17.52	17.91
		1	0	18.20	17.94	17.83	17.96
		1	50	18.20	17.82	17.82	17.95
		1	99	18.20	17.84	17.82	17.95
	64QAM	50	0	18.20	17.75	17.49	17.92
		50	25	18.20	17.70	17.49	17.95
		50	50	18.20	17.53	17.46	17.98
		100	0	18.20	17.53	17.49	17.95
	64QAM	50 50	25 50	18.20 18.20	17.70 17.53	17.49 17.46	17.95 17.98

Table 63: Test results conducted power measurement of LTE Band 7 (Reduced Power Level D2)



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danawidin	modulation		IND ONSEL	Max.	20775CH	21100CH	21425CH
		1	0	12.70	12.22	12.16	12.49
		1	13	12.70	12.22	12.22	12.53
		1	24	12.70	12.25	12.25	12.51
	QPSK	12	0	12.70	12.41	12.12	12.51
		12	6	12.70	12.46	12.10	12.24
		12	13	12.70	12.46	12.18	12.50
		25	0	12.70	12.24	12.15	12.43
		1	0	12.70	12.33	12.25	12.31
		1	13	12.70	12.40	12.34	12.47
		1	24	12.70	12.34	12.37	12.59
5MHz	16QAM	12	0	12.70	12.13	12.06	12.41
		12	6	12.70	12.15	12.08	12.36
		12	13	12.70	12.18	12.12	12.57
		25	0	12.70	12.12	12.06	12.57
		1	0	12.70	12.24	12.28	12.56
		1	13	12.70	12.16	12.13	12.47
		1	24	12.70	12.22	12.38	12.49
	64QAM	12	0	12.70	12.12	12.16	12.36
		12	6	12.70	12.12	12.29	12.44
		12	13	12.70	12.14	12.19	12.41
		25	0	12.70	12.26	12.01	12.55
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiuti	wouldtion	ND SIZE	ND UISEL	Max.	20800CH	21100CH	21400CH
	QPSK	1	0	12.70	12.31	12.04	12.48
		1	25	12.70	12.23	12.16	12.44
		1	49	12.70	12.17	12.15	12.42
			75	12.70	12.17	12.15	12.42
	QPSK	25	0	12.70	12.17	12.16	12.42
	QPSK	25 25					
	QPSK		0	12.70	12.17	12.16	12.48
	QPSK	25	0 13	12.70 12.70	12.17 12.18	12.16 12.15	12.48 12.50
	QPSK	25 25	0 13 25	12.70 12.70 12.70	12.17 12.18 12.16	12.16 12.15 12.14	12.48 12.50 12.47
	QPSK	25 25 50	0 13 25 0	12.70 12.70 12.70 12.70	12.17 12.18 12.16 12.09	12.16 12.15 12.14 12.06	12.48 12.50 12.47 12.48
	QPSK	25 25 50 1	0 13 25 0 0	12.70 12.70 12.70 12.70 12.70	12.17 12.18 12.16 12.09 12.38	12.16 12.15 12.14 12.06 12.35	12.48 12.50 12.47 12.48 12.59
10MHz	QPSK 16QAM	25 25 50 1 1	0 13 25 0 0 25	12.70 12.70 12.70 12.70 12.70 12.70 12.70	12.17 12.18 12.16 12.09 12.38 12.46	12.16 12.15 12.14 12.06 12.35 12.18	12.48 12.50 12.47 12.48 12.59 12.48
10MHz		25 25 50 1 1 1	0 13 25 0 0 25 49	12.70 12.70 12.70 12.70 12.70 12.70 12.70 12.70	12.17 12.18 12.16 12.09 12.38 12.46 12.50	12.16 12.15 12.14 12.06 12.35 12.18 12.16	12.48 12.50 12.47 12.48 12.59 12.48 12.55
10MHz		25 25 50 1 1 1 25	0 13 25 0 0 25 49 0	12.70 12.70 12.70 12.70 12.70 12.70 12.70 12.70 12.70	12.17 12.18 12.16 12.09 12.38 12.46 12.50 12.08	12.16 12.15 12.14 12.06 12.35 12.18 12.16 12.09	12.48 12.50 12.47 12.48 12.59 12.48 12.55 12.45
10MHz		25 25 50 1 1 1 25 25	0 13 25 0 0 25 49 0 13	12.70 12.70 12.70 12.70 12.70 12.70 12.70 12.70 12.70	12.17 12.18 12.16 12.09 12.38 12.46 12.50 12.08 12.08	12.16 12.15 12.14 12.06 12.35 12.18 12.16 12.09 12.07	12.48 12.50 12.47 12.48 12.59 12.48 12.55 12.45 12.58
10MHz		25 25 50 1 1 1 25 25 25 25	0 13 25 0 0 25 49 0 13 25	12.7012.7012.7012.7012.7012.7012.7012.7012.7012.7012.7012.70	12.17 12.18 12.16 12.09 12.38 12.46 12.50 12.08 12.08 12.07	12.16 12.15 12.14 12.06 12.35 12.18 12.16 12.09 12.07	12.48 12.50 12.47 12.48 12.59 12.48 12.55 12.45 12.45 12.58 12.56
10MHz		25 25 50 1 1 1 25 25 25 25 50	0 13 25 0 0 25 49 0 13 25 0	12.70 12.70 12.70 12.70 12.70 12.70 12.70 12.70 12.70 12.70 12.70	12.17 12.18 12.16 12.09 12.38 12.46 12.50 12.08 12.08 12.07 12.02	12.16 12.15 12.14 12.06 12.35 12.18 12.16 12.09 12.07 12.07 12.05	12.48 12.50 12.47 12.48 12.59 12.48 12.55 12.45 12.45 12.58 12.56 12.39
10MHz		25 25 50 1 1 25 25 25 25 50 1	0 13 25 0 0 25 49 0 13 25 0 0	12.7012.7012.7012.7012.7012.7012.7012.7012.7012.7012.7012.7012.7012.7012.70	12.17 12.18 12.16 12.09 12.38 12.46 12.50 12.08 12.08 12.07 12.02 12.29	12.16 12.15 12.14 12.06 12.35 12.18 12.16 12.09 12.07 12.07 12.05 12.19	12.48 12.50 12.47 12.48 12.59 12.48 12.55 12.45 12.58 12.56 12.39 12.52
10MHz		25 25 50 1 1 25 25 25 25 50 1 1	0 13 25 0 0 25 49 0 13 25 0 0 0 25	12.7012.7012.7012.7012.7012.7012.7012.7012.7012.7012.7012.7012.7012.7012.7012.70	12.17 12.18 12.16 12.09 12.38 12.46 12.50 12.08 12.08 12.07 12.02 12.29 12.32	12.16 12.15 12.14 12.06 12.35 12.18 12.16 12.09 12.07 12.05 12.19 12.27	12.48 12.50 12.47 12.48 12.59 12.48 12.55 12.45 12.58 12.58 12.56 12.39 12.52 12.49
10MHz	16QAM	25 25 50 1 1 25 25 25 50 1 1 1	0 13 25 0 0 25 49 0 13 25 0 0 25 49	12.7012.7012.7012.7012.7012.7012.7012.7012.7012.7012.7012.7012.7012.7012.7012.7012.7012.7012.70	12.17 12.18 12.16 12.09 12.38 12.46 12.50 12.08 12.08 12.07 12.02 12.29 12.29 12.32 12.14	12.16 12.15 12.14 12.06 12.35 12.18 12.09 12.07 12.05 12.19 12.27 12.00	12.48 12.50 12.47 12.48 12.59 12.48 12.55 12.45 12.58 12.56 12.39 12.52 12.49 12.49 12.48
10MHz	16QAM	25 25 50 1 1 25 25 25 50 1 1 1 25	0 13 25 0 25 49 0 13 25 0 0 25 0 0 25 49 0	12.7012.7012.7012.7012.7012.7012.7012.7012.7012.7012.7012.7012.7012.7012.7012.7012.7012.7012.70	12.17 12.18 12.16 12.09 12.38 12.46 12.50 12.08 12.08 12.07 12.02 12.29 12.32 12.14 12.03	12.16 12.15 12.14 12.06 12.35 12.18 12.16 12.09 12.07 12.05 12.19 12.27 12.00 12.03	12.48 12.50 12.47 12.48 12.59 12.48 12.55 12.45 12.58 12.56 12.39 12.52 12.49 12.49 12.48 12.40



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwium	Modulation	RD SIZE	KD UIISEL	Max.	20825CH	21100CH	21375CH
		1	0	12.70	12.23	12.12	12.56
		1	38	12.70	12.22	12.08	12.58
		1	74	12.70	12.22	12.07	12.57
	QPSK	36	0	12.70	12.19	12.11	12.25
		36	18	12.70	12.23	12.13	12.36
		36	39	12.70	12.18	12.14	12.47
		75	0	12.70	12.13	12.13	12.51
		1	0	12.70	12.34	12.14	12.59
		1	38	12.70	12.39	12.30	12.48
		1	74	12.70	12.26	12.24	12.53
15MHz	16QAM	36	0	12.70	12.14	12.06	12.57
		36	18	12.70	12.14	12.05	12.56
		36	39	12.70	12.12	12.05	12.56
		75	0	12.70	12.00	12.08	12.41
		1	0	12.70	12.35	12.02	12.50
		1	38	12.70	12.25	12.13	12.51
		1	74	12.70	12.25	12.13	12.37
	64QAM	36	0	12.70	12.16	12.27	12.32
		36	18	12.70	12.15	12.07	12.33
		36	39	12.70	12.15	12.05	12.50
		75	0	12.70	11.98	12.09	12.42
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiuth	iniouulation	IND SIZE	IND UIISEL	Max.	20850CH	21100CH	21350CH
		1	0	12.70	12.35	12.46	12.47
		1	50	12.70	12.37	12.45	12.48
		1	99	12.70	12.38	12.45	12.41
	QPSK	50	0	12.70	12.17	12.15	12.47
				12.70	12.17	12.15	12.71
		50	25	12.70	12.19	12.13	12.46
		50	25 50 0	12.70	12.19	12.14	12.46
		50 50	25 50	12.70 12.70	12.19 12.16	12.14 12.16	12.46 12.42
		50 50 100	25 50 0	12.70 12.70 12.70	12.19 12.16 12.05	12.14 12.16 12.15	12.46 12.42 12.47
		50 50 100 1	25 50 0 0	12.70 12.70 12.70 12.70	12.19 12.16 12.05 12.44	12.14 12.16 12.15 12.47	12.46 12.42 12.47 12.46
20MHz	16QAM	50 50 100 1 1	25 50 0 0 50	12.70 12.70 12.70 12.70 12.70	12.19 12.16 12.05 12.44 12.49	12.14 12.16 12.15 12.47 12.41	12.46 12.42 12.47 12.46 12.47
20MHz	16QAM	50 50 100 1 1 1	25 50 0 50 50 99	12.70 12.70 12.70 12.70 12.70 12.70 12.70	12.19 12.16 12.05 12.44 12.49 12.46	12.14 12.16 12.15 12.47 12.41 12.40 12.12 12.07	12.46 12.42 12.47 12.46 12.47 12.48
20MHz	16QAM	50 50 100 1 1 1 50	25 50 0 50 99 0	12.70 12.70 12.70 12.70 12.70 12.70 12.70 12.70	12.19 12.16 12.05 12.44 12.49 12.46 12.11	12.14 12.16 12.15 12.47 12.41 12.40 12.12	12.46 12.42 12.47 12.46 12.47 12.48 12.48
20MHz	16QAM	50 50 100 1 1 1 50 50	25 50 0 50 99 0 25	12.70 12.70 12.70 12.70 12.70 12.70 12.70 12.70	12.19 12.16 12.05 12.44 12.49 12.46 12.11 12.13	12.14 12.16 12.15 12.47 12.41 12.40 12.12 12.07	12.46 12.42 12.47 12.46 12.47 12.48 12.48 12.48
20MHz	16QAM	50 50 100 1 1 1 50 50 50 50	25 50 0 50 99 0 25 50	12.70 12.70 12.70 12.70 12.70 12.70 12.70 12.70 12.70	12.19 12.16 12.05 12.44 12.49 12.46 12.11 12.13 12.10	12.14 12.16 12.15 12.47 12.41 12.40 12.12 12.07 12.06	12.46 12.42 12.47 12.46 12.47 12.48 12.48 12.48 12.46 12.47
20MHz	16QAM	50 50 100 1 1 1 50 50 50 50	25 50 0 50 99 0 25 50 0	12.70 12.70 12.70 12.70 12.70 12.70 12.70 12.70 12.70 12.70 12.70	12.19 12.16 12.05 12.44 12.49 12.46 12.11 12.13 12.10 12.01	12.14 12.16 12.15 12.47 12.41 12.40 12.12 12.07 12.06 12.06	12.46 12.42 12.47 12.46 12.47 12.48 12.48 12.48 12.46 12.47 12.44
20MHz	16QAM	50 50 100 1 1 1 50 50 50 50 100 1	25 50 0 50 99 0 25 50 0 0	12.7012.7012.7012.7012.7012.7012.7012.7012.7012.7012.7012.7012.7012.70	12.19 12.16 12.05 12.44 12.49 12.46 12.11 12.13 12.10 12.01 12.47	12.14 12.16 12.15 12.47 12.41 12.40 12.12 12.07 12.06 12.06 12.46	12.46 12.42 12.47 12.46 12.47 12.48 12.48 12.48 12.46 12.47 12.44 12.47
20MHz	16QAM 64QAM	50 50 100 1 1 1 50 50 50 50 100 1 1	25 50 0 50 99 0 25 50 0 0 0 50	12.70 12.70 12.70 12.70 12.70 12.70 12.70 12.70 12.70 12.70 12.70 12.70	12.19 12.16 12.05 12.44 12.49 12.46 12.11 12.13 12.10 12.01 12.47 12.49	12.14 12.16 12.15 12.47 12.41 12.40 12.12 12.07 12.06 12.06 12.46 12.36	12.46 12.42 12.47 12.46 12.47 12.48 12.48 12.48 12.46 12.47 12.44 12.47 12.44
20MHz		50 50 100 1 1 1 50 50 50 50 100 1 1 1 1	25 50 0 50 99 0 25 50 0 0 50 99	12.7012.7012.7012.7012.7012.7012.7012.7012.7012.7012.7012.7012.7012.7012.7012.70	12.19 12.16 12.05 12.44 12.49 12.46 12.11 12.13 12.10 12.01 12.47 12.49 12.42	12.14 12.16 12.15 12.47 12.41 12.40 12.12 12.07 12.06 12.06 12.46 12.36 12.43	12.46 12.42 12.47 12.46 12.47 12.48 12.48 12.48 12.46 12.47 12.44 12.47 12.46 12.49
20MHz		50 50 100 1 1 1 50 50 50 100 1 1 1 1 50 50 100 1 1 50 50 1 1 50 50 1 50 50 1 50 50 50 1 50 50 1 50 50 1 50 1 50 1 1 50 1 50 1 1 50 1 1 50 1 1 50 1 1 50 1 1 50 1 1 50 1 1 1 50 1 1 50 1 1 1 50 1 1 1 50 1 1 1 50 1 1 1 50 1 1 1 50 1 1 1 1 50 1	25 50 0 50 99 0 25 50 0 0 0 50 99 0	12.7012.7012.7012.7012.7012.7012.7012.7012.7012.7012.7012.7012.7012.7012.7012.7012.7012.7012.70	12.1912.1612.0512.4412.4912.4612.1112.1312.1012.0112.4712.4912.4212.28	12.14 12.16 12.15 12.47 12.41 12.40 12.12 12.07 12.06 12.46 12.36 12.43 11.98	12.4612.4212.4712.4612.4712.4812.4812.4612.4712.4412.4412.4712.4612.4912.41

Table 64: Test results conducted power measurement of LTE Band 7 (Reduced Power Level D3) Note: The Conducted power measurements of LTE Band 7 is measured with RMS detector.



7.1.18 Conducted power measurements of LTE Band 7(Main antenna)

Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiuti	wouldtion	IVD SIZE	ITD UISEL	Max.	20775CH	21100CH	21425CH
	QPSK	1	0	24.20	23.27	23.10	23.12
		1	13	24.20	23.25	23.02	23.16
		1	24	24.20	23.22	23.06	23.24
		12	0	23.20	22.41	22.17	22.36
		12	6	23.20	22.39	22.17	22.25
		12	13	23.20	22.38	22.17	22.35
		25	0	23.20	22.52	22.06	22.29
		1	0	23.20	22.41	22.35	22.61
		1	13	23.20	22.41	22.27	22.69
		1	24	23.20	22.34	22.35	22.54
5MHz	16QAM	12	0	22.20	21.32	21.13	21.33
		12	6	22.20	21.32	21.14	21.43
		12	13	22.20	21.34	21.14	21.25
		25	0	22.20	21.08	20.97	21.32
		1	0	22.20	21.57	21.42	21.77
		1	13	22.20	21.54	21.47	21.65
		1	24	22.20	21.63	21.31	21.45
	64QAM	12	0	21.20	20.35	20.25	20.50
		12	6	21.20	20.42	20.20	20.51
		12	13	21.20	20.38	20.20	20.48
		25	0	21.20	20.27	20.20	20.36
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Banawiati	Woodlation	110 0120		Max.	20800CH	21100CH	21400CH
		1	0	24.20	23.29	23.11	23.32
		1	25	24.20	23.22	23.10	23.31
		1	49	24.20	23.22	23.09	23.31
	QPSK	25	0	23.20	22.40	22.19	22.30
		25	13	23.20	22.39	22.19	22.31
		25	25	23.20	22.38	22.13	22.30
		50	0	23.20	22.28	22.21	22.28
		1	0	23.20	22.45	22.12	22.26
	16QAM	1	25	23.20	22.34	22.17	22.26
		1	49	23.20	22.30	22.09	22.35
10MHz		25	0	22.20	21.28	21.13	21.28
		25	13	22.20	21.31	21.11	21.30
		25	25	22.20	21.33	21.15	21.29
		50	0	22.20	20.95	20.97	21.38
		1	0	22.20	21.43	21.36	21.43
				~ ~ ~ ~ ~	21.59	21.46	21.40
		1	25	22.20			
		1 1	25 49	22.20	21.46	21.56	21.65
	64QAM	1 1 25	49 0		21.46 20.38	21.56 20.23	21.65 20.38
	64QAM		49	22.20	21.46 20.38 20.39	21.56 20.23 20.11	21.65 20.38 20.36
	64QAM	25	49 0	22.20 21.20	21.46 20.38	21.56 20.23	21.65 20.38



Dondwidth	Modulation	RB size	DD offeet	Tune-up	Channel	Channel	Channel
Bandwidth	Modulation	RD SIZE	RB offset	Max.	20825CH	21100CH	21375CH
		1	0	24.20	23.28	23.11	23.40
		1	38	24.20	23.25	23.09	23.12
		1	74	24.20	23.27	23.07	23.12
	QPSK	36	0	23.20	22.41	22.14	22.41
		36	18	23.20	22.40	22.14	22.41
		36	39	23.20	22.39	22.20	22.30
		75	0	23.20	22.33	22.26	22.27
		1	0	23.20	22.47	22.35	22.39
		1	38	23.20	22.38	22.33	22.31
		1	74	23.20	22.53	22.24	22.41
15MHz	16QAM	36	0	22.20	21.32	21.14	21.45
		36	18	22.20	21.29	21.16	21.45
		36	39	22.20	21.30	21.15	21.46
		75	0	22.20	21.17	21.06	21.40
		1	0	22.20	21.62	21.45	21.64
		1	38	22.20	21.64	21.33	21.47
		1	74	22.20	21.47	21.41	21.34
	64QAM	36	0	21.20	20.44	20.25	20.46
		36	18	21.20	20.34	20.20	20.43
		36	39	21.20	20.39	20.16	20.45
		75	0	21.20	20.31	20.16	20.34
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiutin	wouldtion	ND SIZE	KD UIISEL	Max.	20850CH	21100CH	21350CH
		1	0	24.20	23.45	23.30	23.39
		1	50	24.20	23.43	23.28	23.38
		1	99	24.20	23.41	23.27	23.34
	QPSK	50	0	23.20	22.47	22.22	22.31
		50	25	23.20	22.40	22.23	22.31
		50	50	23.20	22.45	22.22	22.30
		100	0	23.20	22.35	22.27	22.20
		100 1	0 0				
				23.20	22.35 22.59 22.69	22.27 22.53 22.51	22.20 22.51 22.63
		1 1 1	0 50 99	23.20 23.20 23.20 23.20	22.35 22.59 22.69 22.66	22.27 22.53 22.51 22.37	22.20 22.51 22.63 22.53
20MHz	16QAM	1 1 1 50	0 50 99 0	23.20 23.20 23.20 23.20 23.20 22.20	22.35 22.59 22.69 22.66 21.33	22.27 22.53 22.51 22.37 21.23	22.20 22.51 22.63 22.53 21.34
20MHz	16QAM	1 1 1 50 50	0 50 99 0 25	23.20 23.20 23.20 23.20 22.20 22.20	22.35 22.59 22.69 22.66 21.33 21.34	22.27 22.53 22.51 22.37 21.23 21.24	22.20 22.51 22.63 22.53 21.34 21.36
20MHz	16QAM	1 1 50 50 50	0 50 99 0	23.20 23.20 23.20 23.20 22.20 22.20 22.20	22.35 22.59 22.69 22.66 21.33 21.34 21.34	22.27 22.53 22.51 22.37 21.23 21.24 21.16	22.20 22.51 22.63 22.53 21.34 21.36 21.35
20MHz	16QAM	1 1 1 50 50	0 50 99 0 25 50 0	23.20 23.20 23.20 22.20 22.20 22.20 22.20 22.20	22.35 22.59 22.69 22.66 21.33 21.34 21.34 21.34 21.18	22.27 22.53 22.51 22.37 21.23 21.24 21.16 21.09	22.20 22.51 22.63 22.53 21.34 21.36 21.35 21.26
20MHz	16QAM	1 1 50 50 50	0 50 99 0 25 50 0 0	23.20 23.20 23.20 22.20 22.20 22.20 22.20 22.20 22.20	22.35 22.59 22.69 22.66 21.33 21.34 21.34 21.34 21.18 21.69	22.27 22.53 22.51 22.37 21.23 21.24 21.16 21.09 21.51	22.20 22.51 22.63 22.53 21.34 21.36 21.35 21.26 21.51
20MHz	16QAM	1 1 50 50 50 100 1 1	0 50 99 0 25 50 0	23.20 23.20 23.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20	22.35 22.59 22.69 22.66 21.33 21.34 21.34 21.34 21.18 21.69 21.66	22.27 22.53 22.51 22.37 21.23 21.24 21.16 21.09 21.51 21.41	22.20 22.51 22.63 22.53 21.34 21.36 21.35 21.26 21.51 21.67
20MHz	16QAM	1 1 50 50 50 100 1	0 50 99 0 25 50 0 0	23.20 23.20 23.20 22.20 22.20 22.20 22.20 22.20 22.20	22.35 22.59 22.69 22.66 21.33 21.34 21.34 21.34 21.18 21.69	22.27 22.53 22.51 22.37 21.23 21.24 21.16 21.09 21.51 21.41 21.66	22.20 22.51 22.63 22.53 21.34 21.36 21.35 21.26 21.51
20MHz	16QAM 64QAM	1 1 50 50 50 100 1 1	0 50 99 0 25 50 0 0 50	23.20 23.20 23.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20	22.35 22.59 22.69 22.66 21.33 21.34 21.34 21.34 21.18 21.69 21.66	22.27 22.53 22.51 22.37 21.23 21.24 21.16 21.09 21.51 21.41	22.20 22.51 22.63 22.53 21.34 21.36 21.35 21.26 21.51 21.67
20MHz		1 1 50 50 50 100 1 1 1	0 50 99 0 25 50 0 0 50 99	23.20 23.20 23.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20	22.35 22.59 22.69 22.66 21.33 21.34 21.34 21.34 21.18 21.69 21.66 21.76 20.42 20.43	22.27 22.53 22.51 22.37 21.23 21.24 21.16 21.09 21.51 21.41 21.66	22.20 22.51 22.63 22.53 21.34 21.36 21.35 21.26 21.51 21.67 21.56
20MHz		$ \begin{array}{r} 1 \\ 1 \\ 50 \\ 50 \\ 50 \\ 100 \\ 1 \\ 1 \\ 50 \\ \end{array} $	0 50 99 0 25 50 0 0 0 50 99 0	23.20 23.20 23.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20	22.35 22.59 22.69 21.33 21.34 21.34 21.34 21.18 21.69 21.66 21.76 20.42	22.27 22.53 22.51 22.37 21.23 21.24 21.16 21.09 21.51 21.41 21.66 20.26	22.20 22.51 22.63 22.53 21.34 21.36 21.35 21.26 21.51 21.67 21.56 20.38

Table 65: Test results conducted power measurement of LTE Band 7 (Full Power)



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiutin	wouldtion		Max.	20775CH	21100CH	21425CH	
		1	0	22.20	21.50	21.31	21.48
		1	13	22.20	21.47	21.29	21.48
		1	24	22.20	21.49	21.25	21.46
	QPSK	12	0	22.20	21.45	21.24	21.45
		12	6	22.20	21.40	21.35	21.48
		12	13	22.20	21.40	21.23	21.42
		25	0	22.20	21.49	21.40	21.62
		1	0	22.20	21.57	21.42	21.51
		1	13	22.20	21.53	21.50	21.61
		1	24	22.20	21.44	21.53	21.63
5MHz	16QAM	12	0	22.20	21.35	21.20	21.46
		12	6	22.20	21.42	21.12	21.53
		12	13	22.20	21.41	21.20	21.37
		25	0	22.20	21.28	21.08	21.49
		1	0	22.20	21.66	21.23	21.63
		1	13	22.20	21.64	21.43	21.50
		1	24	22.20	21.61	21.30	21.78
	64QAM	12	0	21.20	20.46	20.34	20.41
		12	6	21.20	20.50	20.30	20.41
		12	13	21.20	20.56	20.39	20.43
		25	0	21.20	20.42	20.24	20.55
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiuti	wouldtion	IND SIZE	IND UIISEL	Max.	20800CH	21100CH	21400CH
		1	0	22.20	21.53	21.37	21.51
		1	25	22.20	21.52	21.32	21.49
							04 50
		1	49	22.20	21.53	21.30	21.50
	QPSK	1 25	49 0	22.20 22.20	21.53 21.38	21.30 21.22	21.50 21.48
	QPSK						
	QPSK	25 25 25	0 13 25	22.20 22.20 22.20	21.38 21.34 21.38	21.22 21.28 21.22	21.48 21.42 21.38
	QPSK	25 25	0 13 25 0	22.20 22.20	21.38 21.34 21.38 21.37	21.22 21.28 21.22 21.29	21.48 21.42 21.38 21.43
	QPSK	25 25 25	0 13 25	22.20 22.20 22.20	21.38 21.34 21.38 21.37 21.49	21.22 21.28 21.22	21.48 21.42 21.38
	QPSK	25 25 25 50	0 13 25 0	22.20 22.20 22.20 22.20	21.38 21.34 21.38 21.37 21.49 21.49	21.22 21.28 21.22 21.29 21.45 21.41	21.48 21.42 21.38 21.43
	QPSK	25 25 25 50 1	0 13 25 0 0	22.20 22.20 22.20 22.20 22.20 22.20	21.38 21.34 21.38 21.37 21.49 21.49 21.59	21.22 21.28 21.22 21.29 21.45	21.48 21.42 21.38 21.43 21.55 21.38 21.51
10MHz	QPSK 16QAM	25 25 50 1 1 1 25	0 13 25 0 0 25 49 0	22.20 22.20 22.20 22.20 22.20 22.20 22.20	21.38 21.34 21.38 21.37 21.49 21.49 21.59 21.32	21.22 21.28 21.22 21.29 21.45 21.41 21.28 21.14	21.48 21.42 21.38 21.43 21.55 21.38 21.51 21.35
10MHz		25 25 50 1 1 25 25 25	0 13 25 0 0 25 49	22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20	21.38 21.34 21.38 21.37 21.49 21.49 21.59 21.32 21.31	21.22 21.28 21.22 21.29 21.45 21.41 21.28 21.14 21.15	21.48 21.42 21.38 21.43 21.55 21.38 21.51 21.35 21.48
10MHz		25 25 50 1 1 1 25	0 13 25 0 0 25 49 0	22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20	21.38 21.34 21.38 21.37 21.49 21.49 21.59 21.32	21.22 21.28 21.22 21.29 21.45 21.41 21.28 21.14	21.48 21.42 21.38 21.43 21.55 21.38 21.51 21.35
10MHz		25 25 50 1 1 25 25 25	0 13 25 0 0 25 49 0 13	22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20	21.38 21.34 21.38 21.37 21.49 21.59 21.32 21.31 21.30 21.24	21.22 21.28 21.22 21.29 21.45 21.41 21.28 21.14 21.15 21.14 21.15 21.14 21.08	21.48 21.42 21.38 21.43 21.55 21.38 21.51 21.35 21.48
10MHz		25 25 50 1 1 25 25 25 25	0 13 25 0 0 25 49 0 13 25	22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20	21.38 21.34 21.38 21.37 21.49 21.49 21.59 21.32 21.31 21.30 21.24 21.55	21.22 21.28 21.22 21.29 21.45 21.41 21.28 21.14 21.15 21.14	21.48 21.42 21.38 21.43 21.55 21.38 21.51 21.35 21.48 21.36 21.37 21.49
10MHz		25 25 50 1 1 25 25 25 25	0 13 25 0 0 25 49 0 13 25 0	22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20	21.38 21.34 21.38 21.37 21.49 21.59 21.32 21.31 21.30 21.24	21.22 21.28 21.22 21.29 21.45 21.41 21.28 21.14 21.15 21.14 21.15 21.14 21.08	21.48 21.42 21.38 21.43 21.55 21.38 21.51 21.35 21.48 21.36 21.37
10MHz		25 25 50 1 1 25 25 25 25 50 1	0 13 25 0 0 25 49 0 13 25 0 0	22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20	21.38 21.34 21.38 21.37 21.49 21.49 21.59 21.32 21.31 21.30 21.24 21.55	21.22 21.28 21.22 21.29 21.45 21.41 21.28 21.14 21.15 21.14 21.08 21.34	21.48 21.42 21.38 21.43 21.55 21.38 21.51 21.35 21.48 21.36 21.37 21.49
10MHz		25 25 50 1 1 25 25 25 25 25 50 1 1	0 13 25 0 0 25 49 0 13 25 0 0 0 25	22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20	21.38 21.34 21.38 21.37 21.49 21.49 21.59 21.32 21.31 21.30 21.24 21.55 21.57	21.22 21.28 21.22 21.29 21.45 21.41 21.28 21.14 21.15 21.14 21.15 21.14 21.08 21.34 21.35	21.48 21.42 21.38 21.43 21.55 21.38 21.51 21.35 21.48 21.36 21.37 21.49 21.54
10MHz	16QAM	25 25 50 1 1 1 25 25 25 50 1 1 1	0 13 25 0 0 25 49 0 13 25 0 0 25 49	22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20	21.38 21.34 21.38 21.37 21.49 21.49 21.59 21.32 21.31 21.30 21.24 21.55 21.57 21.64	21.22 21.28 21.22 21.29 21.45 21.41 21.28 21.14 21.15 21.14 21.15 21.14 21.35 21.35	21.48 21.42 21.38 21.43 21.55 21.38 21.51 21.35 21.48 21.36 21.37 21.49 21.54 21.57
10MHz	16QAM	25 25 50 1 1 1 25 25 25 50 1 1 1 25	0 13 25 0 0 25 49 0 13 25 0 0 25 0 0 25 49 0	22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20	21.38 21.34 21.38 21.37 21.49 21.49 21.59 21.32 21.31 21.30 21.24 21.55 21.55 21.57 21.64 20.53	21.22 21.28 21.22 21.29 21.45 21.41 21.28 21.14 21.15 21.14 21.08 21.34 21.35 21.35 21.35 20.17	21.48 21.42 21.38 21.43 21.55 21.38 21.51 21.35 21.48 21.36 21.37 21.49 21.54 21.57 20.49



Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiutin	wouldtion	ND SIZE	ND UISEL	Max.	20825CH	21100CH	21375CH
		1	0	22.20	21.56	21.36	21.54
		1	38	22.20	21.51	21.38	21.54
		1	74	22.20	21.53	21.37	21.56
	QPSK	36	0	22.20	21.39	21.25	21.45
		36	18	22.20	21.40	21.30	21.44
		36	39	22.20	21.42	21.24	21.44
		75	0	22.20	21.39	21.41	21.45
		1	0	22.20	21.44	21.32	21.48
		1	38	22.20	21.46	21.50	21.41
		1	74	22.20	21.45	21.49	21.45
15MHz	16QAM	36	0	22.20	21.40	21.19	21.35
		36	18	22.20	21.31	21.17	21.38
		36	39	22.20	21.35	21.19	21.46
		75	0	22.20	21.23	21.04	21.34
		1	0	22.20	21.51	21.36	21.36
		1	38	22.20	21.69	21.31	21.58
		1	74	22.20	21.61	21.60	21.34
	64QAM	36	0	21.20	20.39	20.23	20.46
		36	18	21.20	20.40	20.21	20.43
		36	39	21.20	20.38	20.21	20.41
		75	0	21.20	20.44	20.13	20.45
Bandwidth	Modulation	RB size	RB offset	Tune-up	Channel	Channel	Channel
Danuwiuti	wouldtion	IND SIZE	ND UISEL	Max.	20850CH	21100CH	21350CH
		1	0	22.20	21.69	21.46	21.58
		1	50	22.20	21.66	21.48	21.58
		1	99	22.20	21.67	21.46	21.57
	QPSK	50	0	22.20	21.43	21.34	21.47
		00	0	22.20	21.45	21.34	21.47
		50	25	22.20	21.43	21.34	21.47
				22.20 22.20	21.43 21.42	21.45 21.33	21.43 21.40
		50	25 50 0	22.20	21.43 21.42 21.35	21.45 21.33 21.43	21.43
		50 50	25 50	22.20 22.20	21.43 21.42	21.45 21.33	21.43 21.40
		50 50 100 1 1	25 50 0	22.20 22.20 22.20	21.43 21.42 21.35 21.75 21.66	21.45 21.33 21.43 21.47 21.59	21.43 21.40 21.41 21.89 21.90
		50 50 100 1	25 50 0 0	22.20 22.20 22.20 22.20	21.43 21.42 21.35 21.75 21.66 21.72	21.45 21.33 21.43 21.47 21.59 21.60	21.43 21.40 21.41 21.89 21.90 21.86
20MHz	16QAM	50 50 100 1 1	25 50 0 0 50	22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20	21.43 21.42 21.35 21.75 21.66 21.72 21.43	21.45 21.33 21.43 21.47 21.59	21.43 21.40 21.41 21.89 21.90 21.86 21.38
20MHz	16QAM	50 50 100 1 1 1 50 50	25 50 0 50 99 0 25	22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20	21.43 21.42 21.35 21.75 21.66 21.72 21.43 21.34	21.45 21.33 21.43 21.47 21.59 21.60 21.23 21.23	21.43 21.40 21.41 21.89 21.90 21.86 21.38 21.35
20MHz	16QAM	50 50 100 1 1 1 50	25 50 0 50 99 0	22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20	21.43 21.42 21.35 21.75 21.66 21.72 21.43	21.45 21.33 21.43 21.47 21.59 21.60 21.23	21.43 21.40 21.41 21.89 21.90 21.86 21.38
20MHz	16QAM	50 50 100 1 1 1 50 50	25 50 0 50 99 0 25	22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20	21.43 21.42 21.35 21.75 21.66 21.72 21.43 21.34 21.33 21.23	21.45 21.33 21.43 21.47 21.59 21.60 21.23 21.23 21.23 21.18 21.10	21.43 21.40 21.41 21.89 21.90 21.86 21.38 21.35 21.40 21.32
20MHz	16QAM	50 50 100 1 1 1 50 50 50	25 50 0 50 99 0 25 50 0 0	22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20	21.43 21.42 21.35 21.75 21.66 21.72 21.43 21.34 21.33 21.23 21.76	21.45 21.33 21.43 21.47 21.59 21.60 21.23 21.23 21.23 21.18 21.10 21.55	21.43 21.40 21.41 21.89 21.90 21.86 21.38 21.35 21.40 21.32 21.67
20MHz	16QAM	50 50 100 1 1 1 50 50 50	25 50 0 50 99 0 25 50 0	22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20	21.43 21.42 21.35 21.75 21.66 21.72 21.43 21.34 21.33 21.23 21.76 21.70	21.45 21.33 21.43 21.47 21.59 21.60 21.23 21.23 21.23 21.18 21.10 21.55 21.41	21.43 21.40 21.41 21.89 21.90 21.86 21.38 21.35 21.40 21.32 21.67 21.77
20MHz	16QAM	50 50 100 1 1 1 50 50 50 50 100 1	25 50 0 50 99 0 25 50 0 0	22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20	21.43 21.42 21.35 21.75 21.66 21.72 21.43 21.34 21.33 21.23 21.76	21.45 21.33 21.43 21.47 21.59 21.60 21.23 21.23 21.23 21.18 21.10 21.55	21.43 21.40 21.41 21.89 21.90 21.86 21.38 21.35 21.40 21.32 21.67 21.77 21.56
20MHz	16QAM 64QAM	50 50 100 1 1 1 50 50 50 50 100 1 1	25 50 0 50 99 0 25 50 0 0 0 50	22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20	21.43 21.42 21.35 21.75 21.66 21.72 21.43 21.34 21.33 21.23 21.76 21.70	21.45 21.33 21.43 21.47 21.59 21.60 21.23 21.23 21.23 21.18 21.10 21.55 21.41	21.43 21.40 21.41 21.89 21.90 21.86 21.38 21.35 21.40 21.32 21.67 21.77
20MHz		50 50 100 1 1 1 50 50 50 50 100 1 1 1 1	25 50 0 50 99 0 25 50 0 0 0 50 99	22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20	21.43 21.42 21.35 21.75 21.66 21.72 21.43 21.34 21.33 21.23 21.76 21.70 21.72	21.45 21.33 21.43 21.47 21.59 21.60 21.23 21.23 21.23 21.23 21.18 21.10 21.55 21.41 21.51	21.43 21.40 21.41 21.89 21.90 21.86 21.38 21.35 21.40 21.32 21.67 21.77 21.56
20MHz		50 50 100 1 1 1 50 50 50 100 1 1 1 1 50 50 50 50 100 1 1 50 5	25 50 0 50 99 0 25 50 0 0 50 99 99 0	22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20 22.20	21.43 21.42 21.35 21.75 21.66 21.72 21.43 21.34 21.33 21.23 21.76 21.70 21.72 20.57	21.45 21.33 21.43 21.47 21.59 21.60 21.23 21.23 21.23 21.23 21.18 21.10 21.55 21.41 21.51 20.28	21.43 21.40 21.41 21.89 21.90 21.86 21.38 21.35 21.40 21.32 21.67 21.77 21.56 20.40

Table 66: Test results conducted power measurement of LTE Band 7 (Reduced Power Level D1)