



## 9. Uncertainty

### 9.1 Measurement Uncertainty

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

Uncertainty Component	Tol (+- %)	Prob. Dist.	Div.	Ci (1g)	Ci (10g)	1g Ui (+-%)	10g Ui (+-%)	vi
<b>Measurement System</b>								
Probe calibration	5.72	N	1	1	1	5.72	5.72	∞
Axial Isotropy	0.18	R	$\sqrt{3}$	$\sqrt{0.5}$	$\sqrt{0.5}$	0.07	0.07	∞
Hemispherical Isotropy	1.04	R	$\sqrt{3}$	$\sqrt{0.5}$	$\sqrt{0.5}$	0.42	0.42	∞
Boundary effect	0.8	R	$\sqrt{3}$	1	1	0.46	0.46	∞
Linearity	1.25	R	$\sqrt{3}$	1	1	0.72	0.72	∞
System detection limits	1.20	R	$\sqrt{3}$	1	1	0.69	0.69	∞
Modulation response	3.42	R	$\sqrt{3}$	1	1	3.42	3.42	∞
Readout Electronics	0.26	N	1	1	1	0.26	0.26	∞
Response Time	0.17	R	$\sqrt{3}$	1	1	0.10	0.10	∞
Integration Time	1.43	R	$\sqrt{3}$	1	1	0.83	0.83	∞
RF ambient conditions-Noise	3.51	R	$\sqrt{3}$	1	1	2.03	2.03	∞
RF ambient conditions-reflections	3.15	R	$\sqrt{3}$	1	1	1.82	1.82	∞
Probe positioner mechanical tolerance	1.2	R	$\sqrt{3}$	1	1	0.69	0.69	∞
Probe positioning with respect to phantom shell	1.4	R	$\sqrt{3}$	1	1	0.81	0.81	∞
Post-processing	2.1	R	$\sqrt{3}$	1	1	1.21	1.21	∞
<b>Test sample Related</b>								
Test sample positioning	3.1	N	1	1	1	3.10	3.10	∞
Device holder uncertainty	3.8	N	1	1	1	3.80	3.80	∞
SAR drift measurement	4.5	R	$\sqrt{3}$	1	1	2.60	2.60	∞
SAR scaling	1.8	R	$\sqrt{3}$	1	1	1.04	1.04	∞
<b>Phantom and tissue parameters</b>								
Phantom uncertainty (shape and thickness uncertainty)	3.7	R	$\sqrt{3}$	1	1	2.14	2.14	∞
Uncertainty in SAR correction for deviations in permittivity and conductivity	2.1	N	1	1	0.84	2.10	1.76	∞
Liquid conductivity (temperature uncertainty)	2.4	R	$\sqrt{3}$	0.78	0.71	1.87	1.70	∞
Liquid conductivity (measured)	4.1	N	1	0.78	0.71	0.94	1.07	M
Liquid permittivity (temperature uncertainty)	2.7	R	$\sqrt{3}$	0.23	0.26	2.11	1.92	∞
Liquid permittivity (measured)	4.8	N	1	0.23	0.26	1.10	1.25	M
Combined Standard Uncertainty		RSS				10.37	10.27	
Expanded Uncertainty (95% Confidence interval)		K=2				20.74	20.53	



## 10. Conducted Power Measurement

### 10.1 Test Result

Burst Average Power (dBm)						
Band	GSM 850			PCS 1900		
Channel	128	190	251	512	661	810
Frequency (MHz)	824.2	836.6	848.8	1850.2	1880	1909.8
GSM(GMSK, 1-Slot)	32.92	32.81	33.11	29.26	29.07	29.07
GPRS (GMSK, 1-Slot)	32.93	32.11	33.16	29.24	29.36	29.25
GPRS (GMSK, 2-Slot)	30.44	30.56	30.42	27.42	27.50	27.31
GPRS (GMSK, 3-Slot)	28.63	28.77	28.59	25.63	25.78	25.66
GPRS (GMSK, 4-Slot)	26.85	26.79	26.78	23.07	23.53	23.49
EGPRS(8PSK, 1-Slot)	29.16	31.22	29.56	25.49	25.89	25.88
EGPRS(8PSK, 2-Slot)	27.21	27.63	27.43	23.53	23.39	23.41
EGPRS(8PSK, 3-Slot)	25.84	25.43	25.26	21.35	21.78	21.65
EGPRS(8PSK, 4-Slot)	22.93	22.13	22.03	19.10	19.87	20.00

Remark: GPRS, CS4 coding scheme. EGPRS, MCS5 coding scheme.  
 Multi-Slot Class 8, Support Max 4 downlink, 1 uplink, 5 working link  
 Multi-Slot Class 10, Support Max 4 downlink, 2 uplink, 5 working link  
 Multi-Slot Class 12, Support Max 4 downlink, 4 uplink, 5 working link

Frame- Average Power(dBm)						
Band	GSM 850			PCS 1900		
Channel	128	190	251	512	661	810
Frequency (MHz)	824.2	836.6	848.8	1850.2	1880	1909.8
GSM(GMSK, 1-Slot)	23.89	23.78	24.08	20.23	20.04	20.04
GPRS (GMSK, 1-Slot)	23.90	23.08	24.13	20.21	20.33	20.22
GPRS (GMSK, 2-Slot)	24.42	24.54	24.40	21.40	21.48	21.29
GPRS (GMSK, 3-Slot)	24.37	24.51	24.33	21.37	21.52	21.40
GPRS (GMSK, 4-Slot)	23.84	23.78	23.77	20.06	20.52	20.48
EGPRS(8PSK, 1-Slot)	20.13	22.19	20.53	16.46	16.86	16.85
EGPRS(8PSK, 2-Slot)	21.19	21.61	21.41	17.51	17.37	17.39
EGPRS(8PSK, 3-Slot)	21.58	21.17	21.00	17.09	17.52	17.39
EGPRS(8PSK, 4-Slot)	19.92	19.12	19.02	16.09	16.86	16.99

Remark :

- SAR testing was performed on the maximum frame-averaged power mode.
- The frame-averaged power is linearly proportion to the slot number configured and it is linearly scaled the maximum

Burst - averaged power based on time slots. The calculated method is shown as below:  
 Frame-averaged power = Burst averaged power (1 TX Slot) – 9.03 dB  
 Frame-averaged power = Burst averaged power (2 TX Slots) – 6.02 dB  
 Frame-averaged power = Burst averaged power (3 TX Slots) - 4.26 dB  
 Frame-averaged power = Burst averaged power (4 TX Slots) – 3.01 dB



**WCDMA**

Band	WCDMA Band 2			WCDMA Band 5			WCDMA Band 4		
Channel	9262	9400	9538	4132	4182	4233	1312	1412	1513
Frequency (MHz)	1852.4	1880	1907.6	826.4	836.4	846.6	1712.6	1732.4	1752.4
RMC 12.2Kbps	24.63	24.57	24.46	24.32	24.48	24.51	23.04	22.89	22.97
HSDPA Subtest-1	23.67	23.69	23.54	23.34	23.48	23.51	22.01	22.03	22.05
HSDPA Subtest-2	23.15	22.91	22.67	22.92	22.70	23.10	21.28	21.28	21.28
HSDPA Subtest-3	23.22	22.87	22.67	22.95	22.66	22.71	21.41	21.36	21.28
HSDPA Subtest-4	22.93	23.28	23.54	22.59	23.02	22.64	21.37	21.28	21.22
HSUPA Subtest-1	19.56	19.69	19.57	20.09	20.16	20.05	19.84	19.76	19.80
HSUPA Subtest-2	19.63	19.78	19.67	20.18	20.21	20.03	19.95	19.86	19.87
HSUPA Subtest-3	20.09	20.65	20.58	20.93	21.01	21.14	20.87	20.77	20.79
HSUPA Subtest-4	19.39	19.22	19.09	19.61	19.71	19.70	19.45	19.31	19.30
HSUPA Subtest-5	19.04	18.63	18.56	19.07	19.17	19.44	18.98	18.92	18.94

According to 3GPP 25.101 sub-clause 6.2.2, the maximum output power is allowed to be reduced by following the table.

Table 6.1A: UE maximum output power with HS-DPCCH and E-DCH

UE Transmit Channel Configuration	CM(db)	MPR(db)
For all combinations of ,DPDCH,DPCCH HS-DPCCH,E-DPDCH and E-DPCCH	$0 \leq CM \leq 3.5$	MAX(CM-1,0)
Note: CM=1 for $\beta_c/\beta_d=12/15$ , $\beta_{hs}/\beta_c=24/15$ . For all other combinations of DPDCH, DPCCH, HS-DPCCH, E-DPDCH and E-DPCCH the MPR is based on the relative CM difference.		

The device supports MPR to solve linearity issues (ACLR or SEM) due to the higher peak-to average ratios (PAR) of the HSUPA signal. This prevents saturating the full range of the TX DAC inside of device and provides a reduced power output to the RF transceiver chip according to the Cubic Metric (a function of the combinations of DPDCH, DPCCH, HS-DPCCH, E-DPDCH and E-DPCCH).

When E-DPDCH channels are present the beta gains on those channels are reduced firsts to try to get the power under the allowed limit. If the beta gains are lowered as far as possible, then a hard limiting is applied at the maximum allowed level.

The SW currently recalculates the cubic metric every time the beta gains on the E-DPDCH are reduced. The cubic metric will likely get lower each time this is done .However, there is no reported reduction of maximum output power in the HSUPA mode since the device also provides a compensation for the power back-off by increasing the gain of TX\_AGC in the transceiver (PA) device.

The end effect is that the DUT output power is identical to the case where there is no MPR in the device.

**CDMA**

<b>CDMA BC0</b>			
<b>Mode</b>	<b>Frequency (MHz)</b>	<b>Conduction AVG Power(dBm)</b>	<b>Conclusion</b>
CDMA BC0	824.70	19.89	PASS
	836.52	19.77	PASS
	848.31	19.89	PASS
EVDO BC0	824.70	20.11	PASS
	836.52	20.04	PASS
	848.31	19.89	PASS

<b>CDMA BC1</b>			
<b>Mode</b>	<b>Frequency (MHz)</b>	<b>Conduction AVG Power(dBm)</b>	<b>Conclusion</b>
CDMA BC1	1851.25	20.77	PASS
	1880.00	21.87	PASS
	1908.75	21.99	PASS
EVDO BC1	1851.25	21.56	PASS
	1880.00	21.48	PASS
	1908.75	21.68	PASS

<b>CDMA BC10</b>			
<b>Mode</b>	<b>Frequency (MHz)</b>	<b>Conduction AVG Power(dBm)</b>	<b>Conclusion</b>
CDMA BC1	818.65	25.36	PASS
	820.50	24.69	PASS
	822.35	25.46	PASS
EVDO BC1	818.65	25.18	PASS
	820.50	24.68	PASS
	822.35	24.94	PASS



**2.4G WLAN**

Mode	Channel Number	Frequency (MHz)	ANT 1 Output Power (dBm)	ANT 2 Output Power (dBm)	MIMO Output Power (dBm)
802.11b	1	2412	12.32	14.09	N/A
	6	2437	14.31	13.65	N/A
	11	2462	13.04	14.31	N/A
802.11g	1	2412	11.34	12.87	N/A
	6	2437	12.86	11.54	N/A
	11	2462	11.54	12.92	N/A
802.11 n-HT20	1	2412	11.09	12.20	14.69
	6	2437	12.40	11.95	15.19
	11	2462	11.10	12.74	15.01
802.11 n-HT40	3	2422	11.85	12.12	15.00
	6	2437	11.78	12.11	14.96
	9	2452	11.18	11.96	14.60
802.11 ax-HE20	1	2412	10.36	11.98	14.26
	6	2437	11.94	11.78	14.87
	11	2462	10.30	11.47	13.93
802.11 ax-HE40	3	2422	11.50	11.93	14.73
	6	2437	11.38	11.83	14.62
	9	2452	10.85	11.74	14.33

**Bluetooth**

BT				
Mode	Channel Number	Frequency (MHz)	Output Power (dBm)	Output Power (mW)
GFSK(1Mbps)	0	2402	2.846	1.93
	39	2441	3.785	2.39
	78	2480	3.229	2.10
π/4-QPSK(2Mbps)	0	2402	5.400	3.47
	39	2441	6.318	4.28
	78	2480	5.775	3.78
8DPSK(3Mbps)	0	2402	5.665	3.69
	39	2441	6.682	4.66
	78	2480	6.140	4.11



**BLE**

Mode	Channel Number	Frequency (MHz)	Average Power (dBm)
GFSK(1Mbps)	2402	3.366	2.17
	2440	4.188	2.62
	2480	3.184	2.08
GFSK(2Mbps)	2402	3.243	2.11
	2440	4.082	2.56
	2480	3.308	2.14

**WLAN (5.2Gband)**

Mode	Channel Number	Frequency (MHz)	ANT 1 Output Power (dBm)	ANT 2 Output Power (dBm)	MIMO Output Power (dBm)
802.11a	36	5180	13.84	12.19	N/A
	40	5200	13.75	12.01	N/A
	48	5240	14.08	11.05	N/A
802.11n20	36	5180	13.40	12.05	15.79
	40	5200	13.33	12.03	15.74
	48	5240	13.61	11.03	15.52
802.11n40	38	5190	13.46	11.10	15.45
	46	5230	13.17	10.09	14.91
802.11ac20	36	5180	13.17	11.02	15.24
	40	5200	12.94	10.37	14.85
	48	5240	13.22	9.65	14.80
802.11ac40	38	5190	13.63	10.04	15.21
	46	5230	13.83	10.00	15.33
802.11ac80	42	5210	13.55	8.36	14.70
802.11ax20	36	5180	8.43	10.00	12.30
	40	5200	9.60	10.01	12.82
	48	5240	10.95	8.93	13.07
802.11ax40	38	5190	8.20	9.20	11.74
	46	5230	10.02	8.03	12.15
802.11ax80	42	5210	8.04	7.86	10.96

**WLAN (5.3Gband)**

Mode	Channel Number	Frequency (MHz)	ANT 1 Output Power (dBm)	ANT 2 Output Power (dBm)	MIMO Output Power (dBm)
802.11a	52	5260	11.69	11.95	N/A
	60	5300	10.20	11.39	N/A
	64	5320	11.56	11.14	N/A
802.11n20	52	5260	11.37	10.71	14.06
	60	5300	9.70	10.09	12.91
	64	5320	10.38	9.73	13.08
802.11n40	54	5270	10.53	10.20	13.38
	62	5310	10.05	9.45	12.77
802.11ac20	52	5260	10.70	9.66	13.22
	60	5300	8.91	9.79	12.38
	64	5320	9.09	9.33	12.22
802.11ac40	54	5270	10.18	9.15	12.71
	62	5310	9.09	9.04	12.08
802.11ac80	58	5290	8.81	8.53	11.68
802.11ax20	52	5260	9.92	9.22	12.59
	60	5300	8.15	8.45	11.31
	64	5320	8.43	8.43	11.44
802.11ax40	54	5270	8.96	8.34	11.67
	62	5310	7.16	7.66	10.43
802.11ax80	58	5290	7.66	7.37	10.53

**WLAN (5.6Gband)**

Mode	Channel Number	Frequency (MHz)	ANT 1 Output Power (dBm)	ANT 2 Output Power (dBm)	MIMO Output Power (dBm)
802.11a	100	5500	12.38	12.27	N/A
	120	5600	10.61	12.17	N/A
	140	5700	10.63	11.62	N/A
802.11n20	100	5500	10.68	11.90	14.34
	120	5600	9.50	11.71	13.75
	140	5700	9.61	10.38	13.02
802.11n40	102	5510	10.57	11.26	13.94
	118	5590	8.83	11.37	13.29
	134	5670	12.25	10.01	14.28
802.11ac20	100	5500	10.80	11.26	14.05
	120	5600	10.06	10.66	13.38
	140	5700	10.04	9.43	12.76
802.11ac40	102	5510	9.79	10.26	13.04
	118	5590	8.86	10.28	12.64
	134	5670	8.82	9.06	11.95
802.11ac80	106	5530	8.73	9.24	12.00
	122	5610	8.49	8.95	11.74
802.11ax20	100	5500	10.18	10.03	13.12
	120	5600	9.58	10.32	12.98
	140	5700	10.96	8.12	12.78
802.11ax40	102	5510	9.47	8.87	12.19
	118	5590	9.23	9.57	12.41
	134	5670	10.12	7.68	12.08
802.11ax80	106	5530	8.40	8.81	11.62
	122	5610	8.80	7.73	11.31



**WLAN (5.8Gband)**

Mode	Channel Number	Frequency (MHz)	ANT 1 Output Power (dBm)	ANT 2 Output Power (dBm)	MIMO Output Power (dBm)
802.11a	149	5745	10.89	10.00	N/A
	157	5785	9.87	10.86	N/A
	165	5825	9.98	11.19	N/A
802.11n20	149	5745	10.99	10.05	13.56
	157	5785	9.52	10.85	13.25
	165	5825	9.49	11.03	13.34
802.11n40	151	5755	10.60	9.47	13.08
	159	5795	9.63	10.19	12.93
802.11ac20	149	5745	9.57	9.00	12.30
	157	5785	8.94	9.82	12.41
	165	5825	8.39	9.47	11.97
802.11ac40	151	5755	9.56	8.40	12.03
	159	5795	8.09	9.60	11.92
802.11ac80	155	5775	8.89	8.06	11.51
802.11ax20	149	5745	9.32	8.07	11.75
	157	5785	8.19	9.00	11.62
	165	5825	8.37	8.85	11.63
802.11ax40	151	5755	7.69	7.54	10.63
	159	5795	6.95	7.67	10.34
802.11ax80	155	5775	7.88	7.93	10.92



## LTE Conducted Power

### General Note:

1. Anritsu CMW500 base station simulator was used to setup the connection with EUT; the frequency band, channel bandwidth, RB allocation configuration, modulation type are set in the base station simulator to configure EUT transmitting at maximum power and at different configurations which are requested to be reported to FCC, for conducted power measurement and SAR testing.
2. Per KDB 941225 D05, when a properly configured base station simulator is used for the SAR and power measurements, spectrum plots for each RB allocation and offset configuration is not required.
3. Per KDB 941225 D05, start with the largest channel bandwidth and measure SAR for QPSK with 1 RB allocation, using the RB offset and required test channel combination with the highest maximum output power for RB offsets at the upper edge, middle and lower edge of each required test channel.
4. Per KDB 941225 D05, 50% RB allocation for QPSK SAR testing follows 1RB QPSK allocation procedure.
5. Per KDB 941225 D05, For QPSK with 100% RB allocation, SAR is not required when the highest maximum output power for 100 % RB allocation is less than the highest maximum output power in 50% and 1 RB allocations and the highest reported SAR for 1 RB and 50% RB allocation are  $\leq 0.8$  W/kg. Otherwise, SAR is measured for the highest output power channel; and if the reported SAR is  $> 1.45$  W/kg, the remaining required test channels must also be tested.
6. Per KDB 941225 D05, 16QAM output power for each RB allocation configuration is  $>$  not  $\frac{1}{2}$  dB higher than the same configuration in QPSK and the reported SAR for the QPSK configuration is  $\leq 1.45$  W/kg; Per KDB 941225 D05, 16QAM SAR testing is not required.
7. Per KDB 941225 D05, Smaller bandwidth output power for each RB allocation configuration is  $>$  not  $\frac{1}{2}$  dB higher than the same configuration in the largest supported bandwidth, and the reported SAR for the largest supported bandwidth is  $\leq 1.45$  W/kg; Per KDB 941225 D05, smaller bandwidth SAR testing is not required.



## LTE Band 2

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	21.71	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	21.71	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	21.58	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	21.79	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	21.83	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	21.64	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	20.86	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	23.06	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	22.99	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	22.85	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	23.05	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	23.04	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	22.96	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	22.05	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	21.4	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	21.31	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	21.24	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	21.46	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	21.46	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	21.34	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	20.47	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	21	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	20.89	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	20.71	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	20.86	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	20.9	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	20.76	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	19.82	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	22.28	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	22.27	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	22.13	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	22.1	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	22.15	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	21.96	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	20.89	PASS



Band2	1.4MHz	16QAM	19193	1RB#0	20.55	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	20.45	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	20.26	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	20.42	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	20.34	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	20.32	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	19.46	PASS
Band2	3MHz	QPSK	18615	1RB#0	21.89	PASS
Band2	3MHz	QPSK	18615	1RB#8	21.79	PASS
Band2	3MHz	QPSK	18615	1RB#14	21.52	PASS
Band2	3MHz	QPSK	18615	8RB#0	20.95	PASS
Band2	3MHz	QPSK	18615	8RB#4	20.96	PASS
Band2	3MHz	QPSK	18615	8RB#7	20.7	PASS
Band2	3MHz	QPSK	18615	15RB#0	20.84	PASS
Band2	3MHz	QPSK	18900	1RB#0	23.3	PASS
Band2	3MHz	QPSK	18900	1RB#8	22.99	PASS
Band2	3MHz	QPSK	18900	1RB#14	22.75	PASS
Band2	3MHz	QPSK	18900	8RB#0	22.16	PASS
Band2	3MHz	QPSK	18900	8RB#4	22.16	PASS
Band2	3MHz	QPSK	18900	8RB#7	21.91	PASS
Band2	3MHz	QPSK	18900	15RB#0	22.04	PASS
Band2	3MHz	QPSK	19185	1RB#0	21.65	PASS
Band2	3MHz	QPSK	19185	1RB#8	21.57	PASS
Band2	3MHz	QPSK	19185	1RB#14	21.36	PASS
Band2	3MHz	QPSK	19185	8RB#0	20.75	PASS
Band2	3MHz	QPSK	19185	8RB#4	20.77	PASS
Band2	3MHz	QPSK	19185	8RB#7	20.58	PASS
Band2	3MHz	QPSK	19185	15RB#0	20.62	PASS
Band2	3MHz	16QAM	18615	1RB#0	21.23	PASS
Band2	3MHz	16QAM	18615	1RB#8	21.1	PASS
Band2	3MHz	16QAM	18615	1RB#14	20.86	PASS
Band2	3MHz	16QAM	18615	8RB#0	19.96	PASS
Band2	3MHz	16QAM	18615	8RB#4	19.98	PASS
Band2	3MHz	16QAM	18615	8RB#7	19.67	PASS
Band2	3MHz	16QAM	18615	15RB#0	19.78	PASS
Band2	3MHz	16QAM	18900	1RB#0	22.31	PASS
Band2	3MHz	16QAM	18900	1RB#8	21.92	PASS
Band2	3MHz	16QAM	18900	1RB#14	21.61	PASS



Band2	3MHz	16QAM	18900	8RB#0	21.27	PASS
Band2	3MHz	16QAM	18900	8RB#4	21.24	PASS
Band2	3MHz	16QAM	18900	8RB#7	20.98	PASS
Band2	3MHz	16QAM	18900	15RB#0	20.95	PASS
Band2	3MHz	16QAM	19185	1RB#0	20.94	PASS
Band2	3MHz	16QAM	19185	1RB#8	20.74	PASS
Band2	3MHz	16QAM	19185	1RB#14	20.56	PASS
Band2	3MHz	16QAM	19185	8RB#0	19.8	PASS
Band2	3MHz	16QAM	19185	8RB#4	19.81	PASS
Band2	3MHz	16QAM	19185	8RB#7	19.59	PASS
Band2	3MHz	16QAM	19185	15RB#0	19.7	PASS
Band2	5MHz	QPSK	18625	1RB#0	21.94	PASS
Band2	5MHz	QPSK	18625	1RB#12	21.68	PASS
Band2	5MHz	QPSK	18625	1RB#24	21.38	PASS
Band2	5MHz	QPSK	18625	12RB#0	20.85	PASS
Band2	5MHz	QPSK	18625	12RB#6	20.92	PASS
Band2	5MHz	QPSK	18625	12RB#13	20.54	PASS
Band2	5MHz	QPSK	18625	25RB#0	20.74	PASS
Band2	5MHz	QPSK	18900	1RB#0	23.39	PASS
Band2	5MHz	QPSK	18900	1RB#12	22.99	PASS
Band2	5MHz	QPSK	18900	1RB#24	22.64	PASS
Band2	5MHz	QPSK	18900	12RB#0	22.27	PASS
Band2	5MHz	QPSK	18900	12RB#6	22.29	PASS
Band2	5MHz	QPSK	18900	12RB#13	21.88	PASS
Band2	5MHz	QPSK	18900	25RB#0	22.02	PASS
Band2	5MHz	QPSK	19175	1RB#0	21.86	PASS
Band2	5MHz	QPSK	19175	1RB#12	21.66	PASS
Band2	5MHz	QPSK	19175	1RB#24	21.37	PASS
Band2	5MHz	QPSK	19175	12RB#0	20.88	PASS
Band2	5MHz	QPSK	19175	12RB#6	20.91	PASS
Band2	5MHz	QPSK	19175	12RB#13	20.6	PASS
Band2	5MHz	QPSK	19175	25RB#0	20.76	PASS
Band2	5MHz	16QAM	18625	1RB#0	20.99	PASS
Band2	5MHz	16QAM	18625	1RB#12	20.79	PASS
Band2	5MHz	16QAM	18625	1RB#24	20.47	PASS
Band2	5MHz	16QAM	18625	12RB#0	19.9	PASS
Band2	5MHz	16QAM	18625	12RB#6	19.92	PASS
Band2	5MHz	16QAM	18625	12RB#13	19.59	PASS



Band2	5MHz	16QAM	18625	25RB#0	19.77	PASS
Band2	5MHz	16QAM	18900	1RB#0	22.58	PASS
Band2	5MHz	16QAM	18900	1RB#12	22.31	PASS
Band2	5MHz	16QAM	18900	1RB#24	21.88	PASS
Band2	5MHz	16QAM	18900	12RB#0	21.38	PASS
Band2	5MHz	16QAM	18900	12RB#6	21.37	PASS
Band2	5MHz	16QAM	18900	12RB#13	20.97	PASS
Band2	5MHz	16QAM	18900	25RB#0	21.02	PASS
Band2	5MHz	16QAM	19175	1RB#0	21.05	PASS
Band2	5MHz	16QAM	19175	1RB#12	20.78	PASS
Band2	5MHz	16QAM	19175	1RB#24	20.64	PASS
Band2	5MHz	16QAM	19175	12RB#0	19.96	PASS
Band2	5MHz	16QAM	19175	12RB#6	19.97	PASS
Band2	5MHz	16QAM	19175	12RB#13	19.66	PASS
Band2	5MHz	16QAM	19175	25RB#0	19.83	PASS
Band2	10MHz	QPSK	18650	1RB#0	21.85	PASS
Band2	10MHz	QPSK	18650	1RB#24	21.33	PASS
Band2	10MHz	QPSK	18650	1RB#49	21.2	PASS
Band2	10MHz	QPSK	18650	25RB#0	20.73	PASS
Band2	10MHz	QPSK	18650	25RB#12	20.75	PASS
Band2	10MHz	QPSK	18650	25RB#25	20.4	PASS
Band2	10MHz	QPSK	18650	50RB#0	20.63	PASS
Band2	10MHz	QPSK	18900	1RB#0	23.72	PASS
Band2	10MHz	QPSK	18900	1RB#24	22.87	PASS
Band2	10MHz	QPSK	18900	1RB#49	22.36	PASS
Band2	10MHz	QPSK	18900	25RB#0	22.54	PASS
Band2	10MHz	QPSK	18900	25RB#12	22.45	PASS
Band2	10MHz	QPSK	18900	25RB#25	21.81	PASS
Band2	10MHz	QPSK	18900	50RB#0	22.13	PASS
Band2	10MHz	QPSK	19150	1RB#0	21.94	PASS
Band2	10MHz	QPSK	19150	1RB#24	21.88	PASS
Band2	10MHz	QPSK	19150	1RB#49	21.51	PASS
Band2	10MHz	QPSK	19150	25RB#0	21.18	PASS
Band2	10MHz	QPSK	19150	25RB#12	21.19	PASS
Band2	10MHz	QPSK	19150	25RB#25	20.87	PASS
Band2	10MHz	QPSK	19150	50RB#0	21.04	PASS
Band2	10MHz	16QAM	18650	1RB#0	21.28	PASS
Band2	10MHz	16QAM	18650	1RB#24	20.5	PASS



Band2	10MHz	16QAM	18650	1RB#49	20.37	PASS
Band2	10MHz	16QAM	18650	25RB#0	19.77	PASS
Band2	10MHz	16QAM	18650	25RB#12	19.77	PASS
Band2	10MHz	16QAM	18650	25RB#25	19.51	PASS
Band2	10MHz	16QAM	18650	50RB#0	19.62	PASS
Band2	10MHz	16QAM	18900	1RB#0	22.96	PASS
Band2	10MHz	16QAM	18900	1RB#24	22.05	PASS
Band2	10MHz	16QAM	18900	1RB#49	21.65	PASS
Band2	10MHz	16QAM	18900	25RB#0	21.54	PASS
Band2	10MHz	16QAM	18900	25RB#12	21.55	PASS
Band2	10MHz	16QAM	18900	25RB#25	20.81	PASS
Band2	10MHz	16QAM	18900	50RB#0	21.1	PASS
Band2	10MHz	16QAM	19150	1RB#0	21.25	PASS
Band2	10MHz	16QAM	19150	1RB#24	21.16	PASS
Band2	10MHz	16QAM	19150	1RB#49	20.67	PASS
Band2	10MHz	16QAM	19150	25RB#0	20.25	PASS
Band2	10MHz	16QAM	19150	25RB#12	20.25	PASS
Band2	10MHz	16QAM	19150	25RB#25	19.93	PASS
Band2	10MHz	16QAM	19150	50RB#0	20.03	PASS
Band2	15MHz	QPSK	18675	1RB#0	21.63	PASS
Band2	15MHz	QPSK	18675	1RB#38	21.06	PASS
Band2	15MHz	QPSK	18675	1RB#74	21.69	PASS
Band2	15MHz	QPSK	18675	38RB#0	20.46	PASS
Band2	15MHz	QPSK	18675	38RB#18	20.47	PASS
Band2	15MHz	QPSK	18675	38RB#37	20.45	PASS
Band2	15MHz	QPSK	18675	75RB#0	20.48	PASS
Band2	15MHz	QPSK	18900	1RB#0	23.51	PASS
Band2	15MHz	QPSK	18900	1RB#38	22.76	PASS
Band2	15MHz	QPSK	18900	1RB#74	21.88	PASS
Band2	15MHz	QPSK	18900	38RB#0	21.9	PASS
Band2	15MHz	QPSK	18900	38RB#18	21.92	PASS
Band2	15MHz	QPSK	18900	38RB#37	21.94	PASS
Band2	15MHz	QPSK	18900	75RB#0	21.93	PASS
Band2	15MHz	QPSK	19125	1RB#0	21.58	PASS
Band2	15MHz	QPSK	19125	1RB#38	21.88	PASS
Band2	15MHz	QPSK	19125	1RB#74	21.43	PASS
Band2	15MHz	QPSK	19125	38RB#0	20.87	PASS
Band2	15MHz	QPSK	19125	38RB#18	20.86	PASS



Band2	15MHz	QPSK	19125	38RB#37	20.85	PASS
Band2	15MHz	QPSK	19125	75RB#0	20.88	PASS
Band2	15MHz	16QAM	18675	1RB#0	20.67	PASS
Band2	15MHz	16QAM	18675	1RB#38	20.13	PASS
Band2	15MHz	16QAM	18675	1RB#74	20.68	PASS
Band2	15MHz	16QAM	18675	38RB#0	20.47	PASS
Band2	15MHz	16QAM	18675	38RB#18	20.46	PASS
Band2	15MHz	16QAM	18675	38RB#37	20.47	PASS
Band2	15MHz	16QAM	18675	75RB#0	19.5	PASS
Band2	15MHz	16QAM	18900	1RB#0	23.03	PASS
Band2	15MHz	16QAM	18900	1RB#38	22.15	PASS
Band2	15MHz	16QAM	18900	1RB#74	21.19	PASS
Band2	15MHz	16QAM	18900	38RB#0	21.91	PASS
Band2	15MHz	16QAM	18900	38RB#18	21.92	PASS
Band2	15MHz	16QAM	18900	38RB#37	21.91	PASS
Band2	15MHz	16QAM	18900	75RB#0	20.91	PASS
Band2	15MHz	16QAM	19125	1RB#0	21.09	PASS
Band2	15MHz	16QAM	19125	1RB#38	21.32	PASS
Band2	15MHz	16QAM	19125	1RB#74	20.9	PASS
Band2	15MHz	16QAM	19125	38RB#0	20.84	PASS
Band2	15MHz	16QAM	19125	38RB#18	20.87	PASS
Band2	15MHz	16QAM	19125	38RB#37	20.88	PASS
Band2	15MHz	16QAM	19125	75RB#0	19.92	PASS
Band2	20MHz	QPSK	18700	1RB#0	21.7	PASS
Band2	20MHz	QPSK	18700	1RB#49	21.3	PASS
Band2	20MHz	QPSK	18700	1RB#99	22.98	PASS
Band2	20MHz	QPSK	18700	50RB#0	20.45	PASS
Band2	20MHz	QPSK	18700	50RB#25	20.46	PASS
Band2	20MHz	QPSK	18700	50RB#50	21.1	PASS
Band2	20MHz	QPSK	18700	100RB#0	20.8	PASS
Band2	20MHz	QPSK	18900	1RB#0	23.54	PASS
Band2	20MHz	QPSK	18900	1RB#49	23.01	PASS
Band2	20MHz	QPSK	18900	1RB#99	21.83	PASS
Band2	20MHz	QPSK	18900	50RB#0	22.56	PASS
Band2	20MHz	QPSK	18900	50RB#25	22.51	PASS
Band2	20MHz	QPSK	18900	50RB#50	21.45	PASS
Band2	20MHz	QPSK	18900	100RB#0	21.96	PASS
Band2	20MHz	QPSK	19100	1RB#0	21.5	PASS





Band2	20MHz	QPSK	19100	1RB#49	21.73	PASS
Band2	20MHz	QPSK	19100	1RB#99	21.53	PASS
Band2	20MHz	QPSK	19100	50RB#0	20.84	PASS
Band2	20MHz	QPSK	19100	50RB#25	20.82	PASS
Band2	20MHz	QPSK	19100	50RB#50	20.97	PASS
Band2	20MHz	QPSK	19100	100RB#0	20.94	PASS
Band2	20MHz	16QAM	18700	1RB#0	20.85	PASS
Band2	20MHz	16QAM	18700	1RB#49	20.42	PASS
Band2	20MHz	16QAM	18700	1RB#99	22.13	PASS
Band2	20MHz	16QAM	18700	50RB#0	19.43	PASS
Band2	20MHz	16QAM	18700	50RB#25	19.45	PASS
Band2	20MHz	16QAM	18700	50RB#50	20.1	PASS
Band2	20MHz	16QAM	18700	100RB#0	19.8	PASS
Band2	20MHz	16QAM	18900	1RB#0	22.74	PASS
Band2	20MHz	16QAM	18900	1RB#49	22.11	PASS
Band2	20MHz	16QAM	18900	1RB#99	21.1	PASS
Band2	20MHz	16QAM	18900	50RB#0	21.51	PASS
Band2	20MHz	16QAM	18900	50RB#25	21.55	PASS
Band2	20MHz	16QAM	18900	50RB#50	20.48	PASS
Band2	20MHz	16QAM	18900	100RB#0	20.99	PASS
Band2	20MHz	16QAM	19100	1RB#0	20.76	PASS
Band2	20MHz	16QAM	19100	1RB#49	20.98	PASS
Band2	20MHz	16QAM	19100	1RB#99	20.59	PASS
Band2	20MHz	16QAM	19100	50RB#0	19.82	PASS
Band2	20MHz	16QAM	19100	50RB#25	19.87	PASS
Band2	20MHz	16QAM	19100	50RB#50	19.97	PASS
Band2	20MHz	16QAM	19100	100RB#0	19.95	PASS



## LTE BAND 4

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	21.35	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	21.31	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	21.26	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	21.35	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	21.36	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	21.34	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	20.38	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.87	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.78	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.8	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	22.89	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	22.92	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.91	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.87	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	23	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	23.01	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.94	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	23.01	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	23.06	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	23.01	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	22.03	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	20.6	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	20.62	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	20.54	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	20.4	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	20.45	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	20.35	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	19.26	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.9	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.96	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	21.93	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	21.81	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	21.83	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	21.78	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.94	PASS



Band4	1.4MHz	16QAM	20393	1RB#0	22.08	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	22.32	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.93	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	22.1	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	21.85	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	21.82	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	21.14	PASS
Band4	3MHz	QPSK	19965	1RB#0	21.42	PASS
Band4	3MHz	QPSK	19965	1RB#8	21.25	PASS
Band4	3MHz	QPSK	19965	1RB#14	21.2	PASS
Band4	3MHz	QPSK	19965	8RB#0	20.43	PASS
Band4	3MHz	QPSK	19965	8RB#4	20.46	PASS
Band4	3MHz	QPSK	19965	8RB#7	20.3	PASS
Band4	3MHz	QPSK	19965	15RB#0	20.32	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.02	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.96	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.94	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.97	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.97	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.97	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.95	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.81	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.95	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.94	PASS
Band4	3MHz	QPSK	20385	8RB#0	22.07	PASS
Band4	3MHz	QPSK	20385	8RB#4	22.04	PASS
Band4	3MHz	QPSK	20385	8RB#7	22.13	PASS
Band4	3MHz	QPSK	20385	15RB#0	22.06	PASS
Band4	3MHz	16QAM	19965	1RB#0	20.61	PASS
Band4	3MHz	16QAM	19965	1RB#8	20.54	PASS
Band4	3MHz	16QAM	19965	1RB#14	20.41	PASS
Band4	3MHz	16QAM	19965	8RB#0	19.44	PASS
Band4	3MHz	16QAM	19965	8RB#4	19.47	PASS
Band4	3MHz	16QAM	19965	8RB#7	19.33	PASS
Band4	3MHz	16QAM	19965	15RB#0	19.29	PASS
Band4	3MHz	16QAM	20175	1RB#0	22.05	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.92	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.81	PASS



Band4	3MHz	16QAM	20175	8RB#0	20.99	PASS
Band4	3MHz	16QAM	20175	8RB#4	21.06	PASS
Band4	3MHz	16QAM	20175	8RB#7	21.02	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.93	PASS
Band4	3MHz	16QAM	20385	1RB#0	22.2	PASS
Band4	3MHz	16QAM	20385	1RB#8	22.18	PASS
Band4	3MHz	16QAM	20385	1RB#14	22.18	PASS
Band4	3MHz	16QAM	20385	8RB#0	21.08	PASS
Band4	3MHz	16QAM	20385	8RB#4	21.13	PASS
Band4	3MHz	16QAM	20385	8RB#7	21.15	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.18	PASS
Band4	5MHz	QPSK	19975	1RB#0	21.48	PASS
Band4	5MHz	QPSK	19975	1RB#12	21.28	PASS
Band4	5MHz	QPSK	19975	1RB#24	21.14	PASS
Band4	5MHz	QPSK	19975	12RB#0	20.38	PASS
Band4	5MHz	QPSK	19975	12RB#6	20.41	PASS
Band4	5MHz	QPSK	19975	12RB#13	20.19	PASS
Band4	5MHz	QPSK	19975	25RB#0	20.27	PASS
Band4	5MHz	QPSK	20175	1RB#0	23.01	PASS
Band4	5MHz	QPSK	20175	1RB#12	23.03	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.84	PASS
Band4	5MHz	QPSK	20175	12RB#0	22	PASS
Band4	5MHz	QPSK	20175	12RB#6	22.01	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.97	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.98	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.71	PASS
Band4	5MHz	QPSK	20375	1RB#12	23.05	PASS
Band4	5MHz	QPSK	20375	1RB#24	23.09	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.91	PASS
Band4	5MHz	QPSK	20375	12RB#6	21.93	PASS
Band4	5MHz	QPSK	20375	12RB#13	22.15	PASS
Band4	5MHz	QPSK	20375	25RB#0	22.04	PASS
Band4	5MHz	16QAM	19975	1RB#0	20.7	PASS
Band4	5MHz	16QAM	19975	1RB#12	20.4	PASS
Band4	5MHz	16QAM	19975	1RB#24	20.35	PASS
Band4	5MHz	16QAM	19975	12RB#0	19.43	PASS
Band4	5MHz	16QAM	19975	12RB#6	19.48	PASS
Band4	5MHz	16QAM	19975	12RB#13	19.27	PASS



Band4	5MHz	16QAM	19975	25RB#0	19.29	PASS
Band4	5MHz	16QAM	20175	1RB#0	22.19	PASS
Band4	5MHz	16QAM	20175	1RB#12	22.08	PASS
Band4	5MHz	16QAM	20175	1RB#24	22	PASS
Band4	5MHz	16QAM	20175	12RB#0	21.11	PASS
Band4	5MHz	16QAM	20175	12RB#6	21.06	PASS
Band4	5MHz	16QAM	20175	12RB#13	21.01	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.03	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.83	PASS
Band4	5MHz	16QAM	20375	1RB#12	22.2	PASS
Band4	5MHz	16QAM	20375	1RB#24	22.16	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.94	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.91	PASS
Band4	5MHz	16QAM	20375	12RB#13	21.16	PASS
Band4	5MHz	16QAM	20375	25RB#0	21	PASS
Band4	10MHz	QPSK	20000	1RB#0	21.25	PASS
Band4	10MHz	QPSK	20000	1RB#24	21.01	PASS
Band4	10MHz	QPSK	20000	1RB#49	21.88	PASS
Band4	10MHz	QPSK	20000	25RB#0	20.26	PASS
Band4	10MHz	QPSK	20000	25RB#12	20.26	PASS
Band4	10MHz	QPSK	20000	25RB#25	20.58	PASS
Band4	10MHz	QPSK	20000	50RB#0	20.42	PASS
Band4	10MHz	QPSK	20175	1RB#0	23.06	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.93	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.46	PASS
Band4	10MHz	QPSK	20175	25RB#0	22.08	PASS
Band4	10MHz	QPSK	20175	25RB#12	22.12	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.84	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.94	PASS
Band4	10MHz	QPSK	20350	1RB#0	21.89	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.55	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.94	PASS
Band4	10MHz	QPSK	20350	25RB#0	21.26	PASS
Band4	10MHz	QPSK	20350	25RB#12	21.26	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.98	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.64	PASS
Band4	10MHz	16QAM	20000	1RB#0	20.64	PASS
Band4	10MHz	16QAM	20000	1RB#24	20.35	PASS



Band4	10MHz	16QAM	20000	1RB#49	21.13	PASS
Band4	10MHz	16QAM	20000	25RB#0	19.31	PASS
Band4	10MHz	16QAM	20000	25RB#12	19.3	PASS
Band4	10MHz	16QAM	20000	25RB#25	19.62	PASS
Band4	10MHz	16QAM	20000	50RB#0	19.47	PASS
Band4	10MHz	16QAM	20175	1RB#0	22.03	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.74	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.59	PASS
Band4	10MHz	16QAM	20175	25RB#0	21.15	PASS
Band4	10MHz	16QAM	20175	25RB#12	21.14	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.91	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.96	PASS
Band4	10MHz	16QAM	20350	1RB#0	21.16	PASS
Band4	10MHz	16QAM	20350	1RB#24	22.02	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.29	PASS
Band4	10MHz	16QAM	20350	25RB#0	20.28	PASS
Band4	10MHz	16QAM	20350	25RB#12	20.33	PASS
Band4	10MHz	16QAM	20350	25RB#25	21.02	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.64	PASS
Band4	15MHz	QPSK	20025	1RB#0	21.12	PASS
Band4	15MHz	QPSK	20025	1RB#38	21.32	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.71	PASS
Band4	15MHz	QPSK	20025	38RB#0	20.77	PASS
Band4	15MHz	QPSK	20025	38RB#18	20.73	PASS
Band4	15MHz	QPSK	20025	38RB#37	20.72	PASS
Band4	15MHz	QPSK	20025	75RB#0	20.73	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.88	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.73	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.16	PASS
Band4	15MHz	QPSK	20175	38RB#0	21.75	PASS
Band4	15MHz	QPSK	20175	38RB#18	21.73	PASS
Band4	15MHz	QPSK	20175	38RB#37	21.74	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.76	PASS
Band4	15MHz	QPSK	20325	1RB#0	22	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.06	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.82	PASS
Band4	15MHz	QPSK	20325	38RB#0	21.38	PASS
Band4	15MHz	QPSK	20325	38RB#18	21.37	PASS



Band4	15MHz	QPSK	20325	38RB#37	21.35	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.37	PASS
Band4	15MHz	16QAM	20025	1RB#0	20.54	PASS
Band4	15MHz	16QAM	20025	1RB#38	20.64	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.13	PASS
Band4	15MHz	16QAM	20025	38RB#0	20.73	PASS
Band4	15MHz	16QAM	20025	38RB#18	20.74	PASS
Band4	15MHz	16QAM	20025	38RB#37	20.73	PASS
Band4	15MHz	16QAM	20025	75RB#0	19.77	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.04	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.83	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.17	PASS
Band4	15MHz	16QAM	20175	38RB#0	21.74	PASS
Band4	15MHz	16QAM	20175	38RB#18	21.73	PASS
Band4	15MHz	16QAM	20175	38RB#37	21.72	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.81	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.2	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.48	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.29	PASS
Band4	15MHz	16QAM	20325	38RB#0	21.38	PASS
Band4	15MHz	16QAM	20325	38RB#18	21.38	PASS
Band4	15MHz	16QAM	20325	38RB#37	21.37	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.38	PASS
Band4	20MHz	QPSK	20050	1RB#0	21.15	PASS
Band4	20MHz	QPSK	20050	1RB#49	21.98	PASS
Band4	20MHz	QPSK	20050	1RB#99	23	PASS
Band4	20MHz	QPSK	20050	50RB#0	20.29	PASS
Band4	20MHz	QPSK	20050	50RB#25	20.28	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.79	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.16	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.6	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.66	PASS
Band4	20MHz	QPSK	20175	1RB#99	21.87	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.98	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.99	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.71	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.53	PASS



Band4	20MHz	QPSK	20300	1RB#49	21.95	PASS
Band4	20MHz	QPSK	20300	1RB#99	23.03	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.11	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.1	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.57	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.31	PASS
Band4	20MHz	16QAM	20050	1RB#0	20.38	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.13	PASS
Band4	20MHz	16QAM	20050	1RB#99	22.26	PASS
Band4	20MHz	16QAM	20050	50RB#0	19.29	PASS
Band4	20MHz	16QAM	20050	50RB#25	19.32	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.84	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.2	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.01	PASS
Band4	20MHz	16QAM	20175	1RB#49	21.82	PASS
Band4	20MHz	16QAM	20175	1RB#99	21.18	PASS
Band4	20MHz	16QAM	20175	50RB#0	21	PASS
Band4	20MHz	16QAM	20175	50RB#25	21.04	PASS
Band4	20MHz	16QAM	20175	50RB#50	20.53	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.74	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.74	PASS
Band4	20MHz	16QAM	20300	1RB#49	21.04	PASS
Band4	20MHz	16QAM	20300	1RB#99	22.2	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.15	PASS
Band4	20MHz	16QAM	20300	50RB#25	20.18	PASS
Band4	20MHz	16QAM	20300	50RB#50	20.52	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.29	PASS





## LTE BAND 5

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	24.48	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	24.39	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	24.2	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	24.53	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	24.55	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	24.35	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	23.47	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	20.58	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	20.82	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	20.84	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	20.69	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	20.68	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	20.83	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	19.78	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.2	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.1	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.12	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.15	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.21	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.21	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	23.67	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	23.67	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	23.44	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	23.38	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	23.4	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	23.27	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	22.53	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	19.78	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	20.05	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	20.11	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	19.7	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	19.77	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	19.92	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	18.72	PASS



Band5	1.4MHz	16QAM	20643	1RB#0	22.06	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.38	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.13	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.03	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	22.05	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.06	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.28	PASS
Band5	3MHz	QPSK	20415	1RB#0	24.69	PASS
Band5	3MHz	QPSK	20415	1RB#8	24.23	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.83	PASS
Band5	3MHz	QPSK	20415	8RB#0	23.6	PASS
Band5	3MHz	QPSK	20415	8RB#4	23.63	PASS
Band5	3MHz	QPSK	20415	8RB#7	23.17	PASS
Band5	3MHz	QPSK	20415	15RB#0	23.41	PASS
Band5	3MHz	QPSK	20525	1RB#0	20.68	PASS
Band5	3MHz	QPSK	20525	1RB#8	20.92	PASS
Band5	3MHz	QPSK	20525	1RB#14	21.16	PASS
Band5	3MHz	QPSK	20525	8RB#0	19.7	PASS
Band5	3MHz	QPSK	20525	8RB#4	19.76	PASS
Band5	3MHz	QPSK	20525	8RB#7	20.14	PASS
Band5	3MHz	QPSK	20525	15RB#0	19.85	PASS
Band5	3MHz	QPSK	20635	1RB#0	22.83	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.15	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.29	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.1	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.04	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.33	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.1	PASS
Band5	3MHz	16QAM	20415	1RB#0	23.98	PASS
Band5	3MHz	16QAM	20415	1RB#8	23.53	PASS
Band5	3MHz	16QAM	20415	1RB#14	23.04	PASS
Band5	3MHz	16QAM	20415	8RB#0	22.58	PASS
Band5	3MHz	16QAM	20415	8RB#4	22.56	PASS
Band5	3MHz	16QAM	20415	8RB#7	22.21	PASS
Band5	3MHz	16QAM	20415	15RB#0	22.34	PASS
Band5	3MHz	16QAM	20525	1RB#0	19.64	PASS
Band5	3MHz	16QAM	20525	1RB#8	19.9	PASS
Band5	3MHz	16QAM	20525	1RB#14	20.32	PASS



Band5	3MHz	16QAM	20525	8RB#0	18.82	PASS
Band5	3MHz	16QAM	20525	8RB#4	18.83	PASS
Band5	3MHz	16QAM	20525	8RB#7	19.18	PASS
Band5	3MHz	16QAM	20525	15RB#0	18.79	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.12	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.28	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.69	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.18	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.1	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.28	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.2	PASS
Band5	5MHz	QPSK	20425	1RB#0	24.67	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.94	PASS
Band5	5MHz	QPSK	20425	1RB#24	23	PASS
Band5	5MHz	QPSK	20425	12RB#0	23.5	PASS
Band5	5MHz	QPSK	20425	12RB#6	23.54	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.57	PASS
Band5	5MHz	QPSK	20425	25RB#0	23.04	PASS
Band5	5MHz	QPSK	20525	1RB#0	20.63	PASS
Band5	5MHz	QPSK	20525	1RB#12	20.9	PASS
Band5	5MHz	QPSK	20525	1RB#24	21.43	PASS
Band5	5MHz	QPSK	20525	12RB#0	19.73	PASS
Band5	5MHz	QPSK	20525	12RB#6	19.75	PASS
Band5	5MHz	QPSK	20525	12RB#13	20.28	PASS
Band5	5MHz	QPSK	20525	25RB#0	19.95	PASS
Band5	5MHz	QPSK	20625	1RB#0	22.71	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.09	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.29	PASS
Band5	5MHz	QPSK	20625	12RB#0	21.87	PASS
Band5	5MHz	QPSK	20625	12RB#6	21.9	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.3	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.09	PASS
Band5	5MHz	16QAM	20425	1RB#0	23.85	PASS
Band5	5MHz	16QAM	20425	1RB#12	23.03	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.01	PASS
Band5	5MHz	16QAM	20425	12RB#0	22.52	PASS
Band5	5MHz	16QAM	20425	12RB#6	22.52	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.56	PASS



Band5	5MHz	16QAM	20425	25RB#0	21.98	PASS
Band5	5MHz	16QAM	20525	1RB#0	19.78	PASS
Band5	5MHz	16QAM	20525	1RB#12	20.15	PASS
Band5	5MHz	16QAM	20525	1RB#24	20.73	PASS
Band5	5MHz	16QAM	20525	12RB#0	18.8	PASS
Band5	5MHz	16QAM	20525	12RB#6	18.77	PASS
Band5	5MHz	16QAM	20525	12RB#13	19.31	PASS
Band5	5MHz	16QAM	20525	25RB#0	18.9	PASS
Band5	5MHz	16QAM	20625	1RB#0	21.73	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.19	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.52	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.01	PASS
Band5	5MHz	16QAM	20625	12RB#6	20.98	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.38	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.09	PASS
Band5	10MHz	QPSK	20450	1RB#0	24.55	PASS
Band5	10MHz	QPSK	20450	1RB#24	22.51	PASS
Band5	10MHz	QPSK	20450	1RB#49	20.56	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.91	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.9	PASS
Band5	10MHz	QPSK	20450	25RB#25	20.55	PASS
Band5	10MHz	QPSK	20450	50RB#0	21.91	PASS
Band5	10MHz	QPSK	20525	1RB#0	20.86	PASS
Band5	10MHz	QPSK	20525	1RB#24	20.79	PASS
Band5	10MHz	QPSK	20525	1RB#49	21.85	PASS
Band5	10MHz	QPSK	20525	25RB#0	19.76	PASS
Band5	10MHz	QPSK	20525	25RB#12	19.77	PASS
Band5	10MHz	QPSK	20525	25RB#25	20.54	PASS
Band5	10MHz	QPSK	20525	50RB#0	20.17	PASS
Band5	10MHz	QPSK	20600	1RB#0	21.53	PASS
Band5	10MHz	QPSK	20600	1RB#24	22.55	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.21	PASS
Band5	10MHz	QPSK	20600	25RB#0	21.28	PASS
Band5	10MHz	QPSK	20600	25RB#12	21.24	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.1	PASS
Band5	10MHz	QPSK	20600	50RB#0	21.67	PASS
Band5	10MHz	16QAM	20450	1RB#0	24.01	PASS
Band5	10MHz	16QAM	20450	1RB#24	21.82	PASS



Band5	10MHz	16QAM	20450	1RB#49	19.85	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.94	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.89	PASS
Band5	10MHz	16QAM	20450	25RB#25	19.68	PASS
Band5	10MHz	16QAM	20450	50RB#0	20.93	PASS
Band5	10MHz	16QAM	20525	1RB#0	19.87	PASS
Band5	10MHz	16QAM	20525	1RB#24	19.77	PASS
Band5	10MHz	16QAM	20525	1RB#49	20.94	PASS
Band5	10MHz	16QAM	20525	25RB#0	18.82	PASS
Band5	10MHz	16QAM	20525	25RB#12	18.84	PASS
Band5	10MHz	16QAM	20525	25RB#25	19.57	PASS
Band5	10MHz	16QAM	20525	50RB#0	19.12	PASS
Band5	10MHz	16QAM	20600	1RB#0	21.01	PASS
Band5	10MHz	16QAM	20600	1RB#24	21.99	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.73	PASS
Band5	10MHz	16QAM	20600	25RB#0	20.24	PASS
Band5	10MHz	16QAM	20600	25RB#12	20.23	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.1	PASS
Band5	10MHz	16QAM	20600	50RB#0	20.68	PASS



## LTE BAND 12

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	25.13	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	25.32	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	25.13	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	25.13	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	25.2	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	25.22	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	24.31	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	25.2	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	24.98	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	24.83	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	25.06	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	25.08	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	24.85	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	24.07	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	22.01	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	21.92	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	21.78	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	21.96	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	21.98	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	21.73	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	20.98	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	24.44	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	24.49	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	24.49	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	24.16	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	24.09	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	24.13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	23.26	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	24.32	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	24.2	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	23.96	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	24	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	24.09	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	23.79	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	23.02	PASS



Band12	1.4MHz	16QAM	23173	1RB#0	21.1	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	20.97	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	20.72	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	20.89	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	21.02	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	20.74	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	20.01	PASS
Band12	3MHz	QPSK	23025	1RB#0	25.32	PASS
Band12	3MHz	QPSK	23025	1RB#8	25.55	PASS
Band12	3MHz	QPSK	23025	1RB#14	25.6	PASS
Band12	3MHz	QPSK	23025	8RB#0	24.47	PASS
Band12	3MHz	QPSK	23025	8RB#4	24.48	PASS
Band12	3MHz	QPSK	23025	8RB#7	24.64	PASS
Band12	3MHz	QPSK	23025	15RB#0	24.55	PASS
Band12	3MHz	QPSK	23095	1RB#0	25.49	PASS
Band12	3MHz	QPSK	23095	1RB#8	25	PASS
Band12	3MHz	QPSK	23095	1RB#14	24.4	PASS
Band12	3MHz	QPSK	23095	8RB#0	24.34	PASS
Band12	3MHz	QPSK	23095	8RB#4	24.35	PASS
Band12	3MHz	QPSK	23095	8RB#7	23.9	PASS
Band12	3MHz	QPSK	23095	15RB#0	24.07	PASS
Band12	3MHz	QPSK	23165	1RB#0	22.65	PASS
Band12	3MHz	QPSK	23165	1RB#8	22.21	PASS
Band12	3MHz	QPSK	23165	1RB#14	21.9	PASS
Band12	3MHz	QPSK	23165	8RB#0	21.42	PASS
Band12	3MHz	QPSK	23165	8RB#4	21.45	PASS
Band12	3MHz	QPSK	23165	8RB#7	21.12	PASS
Band12	3MHz	QPSK	23165	15RB#0	21.26	PASS
Band12	3MHz	16QAM	23025	1RB#0	24.57	PASS
Band12	3MHz	16QAM	23025	1RB#8	24.85	PASS
Band12	3MHz	16QAM	23025	1RB#14	24.97	PASS
Band12	3MHz	16QAM	23025	8RB#0	23.59	PASS
Band12	3MHz	16QAM	23025	8RB#4	23.62	PASS
Band12	3MHz	16QAM	23025	8RB#7	23.7	PASS
Band12	3MHz	16QAM	23025	15RB#0	23.62	PASS
Band12	3MHz	16QAM	23095	1RB#0	24.74	PASS
Band12	3MHz	16QAM	23095	1RB#8	24.17	PASS
Band12	3MHz	16QAM	23095	1RB#14	23.7	PASS



Band12	3MHz	16QAM	23095	8RB#0	23.37	PASS
Band12	3MHz	16QAM	23095	8RB#4	23.35	PASS
Band12	3MHz	16QAM	23095	8RB#7	22.9	PASS
Band12	3MHz	16QAM	23095	15RB#0	23.02	PASS
Band12	3MHz	16QAM	23165	1RB#0	21.46	PASS
Band12	3MHz	16QAM	23165	1RB#8	20.98	PASS
Band12	3MHz	16QAM	23165	1RB#14	20.96	PASS
Band12	3MHz	16QAM	23165	8RB#0	20.49	PASS
Band12	3MHz	16QAM	23165	8RB#4	20.49	PASS
Band12	3MHz	16QAM	23165	8RB#7	20.17	PASS
Band12	3MHz	16QAM	23165	15RB#0	20.2	PASS
Band12	5MHz	QPSK	23035	1RB#0	25.29	PASS
Band12	5MHz	QPSK	23035	1RB#12	25.8	PASS
Band12	5MHz	QPSK	23035	1RB#24	25.88	PASS
Band12	5MHz	QPSK	23035	12RB#0	24.59	PASS
Band12	5MHz	QPSK	23035	12RB#6	24.55	PASS
Band12	5MHz	QPSK	23035	12RB#13	24.8	PASS
Band12	5MHz	QPSK	23035	25RB#0	24.7	PASS
Band12	5MHz	QPSK	23095	1RB#0	25.68	PASS
Band12	5MHz	QPSK	23095	1RB#12	25.1	PASS
Band12	5MHz	QPSK	23095	1RB#24	24.24	PASS
Band12	5MHz	QPSK	23095	12RB#0	24.49	PASS
Band12	5MHz	QPSK	23095	12RB#6	24.47	PASS
Band12	5MHz	QPSK	23095	12RB#13	23.68	PASS
Band12	5MHz	QPSK	23095	25RB#0	23.99	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.48	PASS
Band12	5MHz	QPSK	23155	1RB#12	22.59	PASS
Band12	5MHz	QPSK	23155	1RB#24	21.94	PASS
Band12	5MHz	QPSK	23155	12RB#0	21.98	PASS
Band12	5MHz	QPSK	23155	12RB#6	22.04	PASS
Band12	5MHz	QPSK	23155	12RB#13	21.25	PASS
Band12	5MHz	QPSK	23155	25RB#0	21.66	PASS
Band12	5MHz	16QAM	23035	1RB#0	24.35	PASS
Band12	5MHz	16QAM	23035	1RB#12	25.03	PASS
Band12	5MHz	16QAM	23035	1RB#24	24.91	PASS
Band12	5MHz	16QAM	23035	12RB#0	23.56	PASS
Band12	5MHz	16QAM	23035	12RB#6	23.55	PASS
Band12	5MHz	16QAM	23035	12RB#13	23.76	PASS





Band12	5MHz	16QAM	23035	25RB#0	23.7	PASS
Band12	5MHz	16QAM	23095	1RB#0	24.99	PASS
Band12	5MHz	16QAM	23095	1RB#12	24.38	PASS
Band12	5MHz	16QAM	23095	1RB#24	23.31	PASS
Band12	5MHz	16QAM	23095	12RB#0	23.56	PASS
Band12	5MHz	16QAM	23095	12RB#6	23.56	PASS
Band12	5MHz	16QAM	23095	12RB#13	22.71	PASS
Band12	5MHz	16QAM	23095	25RB#0	22.98	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.55	PASS
Band12	5MHz	16QAM	23155	1RB#12	21.69	PASS
Band12	5MHz	16QAM	23155	1RB#24	21.08	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.07	PASS
Band12	5MHz	16QAM	23155	12RB#6	21.08	PASS
Band12	5MHz	16QAM	23155	12RB#13	20.33	PASS
Band12	5MHz	16QAM	23155	25RB#0	20.72	PASS
Band12	10MHz	QPSK	23060	1RB#0	25.32	PASS
Band12	10MHz	QPSK	23060	1RB#24	25.79	PASS
Band12	10MHz	QPSK	23060	1RB#49	24.72	PASS
Band12	10MHz	QPSK	23060	25RB#0	24.79	PASS
Band12	10MHz	QPSK	23060	25RB#12	24.7	PASS
Band12	10MHz	QPSK	23060	25RB#25	24.55	PASS
Band12	10MHz	QPSK	23060	50RB#0	24.67	PASS
Band12	10MHz	QPSK	23095	1RB#0	25.85	PASS
Band12	10MHz	QPSK	23095	1RB#24	25.14	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.19	PASS
Band12	10MHz	QPSK	23095	25RB#0	24.69	PASS
Band12	10MHz	QPSK	23095	25RB#12	24.69	PASS
Band12	10MHz	QPSK	23095	25RB#25	23.24	PASS
Band12	10MHz	QPSK	23095	50RB#0	24.03	PASS
Band12	10MHz	QPSK	23130	1RB#0	25.4	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.49	PASS
Band12	10MHz	QPSK	23130	1RB#49	21.97	PASS
Band12	10MHz	QPSK	23130	25RB#0	23.65	PASS
Band12	10MHz	QPSK	23130	25RB#12	23.65	PASS
Band12	10MHz	QPSK	23130	25RB#25	21.78	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.87	PASS
Band12	10MHz	16QAM	23060	1RB#0	24.68	PASS
Band12	10MHz	16QAM	23060	1RB#24	25.06	PASS



Band12	10MHz	16QAM	23060	1RB#49	24.03	PASS
Band12	10MHz	16QAM	23060	25RB#0	23.73	PASS
Band12	10MHz	16QAM	23060	25RB#12	23.78	PASS
Band12	10MHz	16QAM	23060	25RB#25	23.57	PASS
Band12	10MHz	16QAM	23060	50RB#0	23.65	PASS
Band12	10MHz	16QAM	23095	1RB#0	25.31	PASS
Band12	10MHz	16QAM	23095	1RB#24	24.32	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.48	PASS
Band12	10MHz	16QAM	23095	25RB#0	23.72	PASS
Band12	10MHz	16QAM	23095	25RB#12	23.73	PASS
Band12	10MHz	16QAM	23095	25RB#25	22.32	PASS
Band12	10MHz	16QAM	23095	50RB#0	23.03	PASS
Band12	10MHz	16QAM	23130	1RB#0	24.36	PASS
Band12	10MHz	16QAM	23130	1RB#24	22.42	PASS
Band12	10MHz	16QAM	23130	1RB#49	20.94	PASS
Band12	10MHz	16QAM	23130	25RB#0	22.67	PASS
Band12	10MHz	16QAM	23130	25RB#12	22.69	PASS
Band12	10MHz	16QAM	23130	25RB#25	20.93	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.82	PASS



## LTE BAND 13

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	21.26	PASS
Band13	5MHz	QPSK	23205	1RB#12	21.56	PASS
Band13	5MHz	QPSK	23205	1RB#24	21.74	PASS
Band13	5MHz	QPSK	23205	12RB#0	20.31	PASS
Band13	5MHz	QPSK	23205	12RB#6	20.33	PASS
Band13	5MHz	QPSK	23205	12RB#13	20.65	PASS
Band13	5MHz	QPSK	23205	25RB#0	20.53	PASS
Band13	5MHz	QPSK	23230	1RB#0	21.59	PASS
Band13	5MHz	QPSK	23230	1RB#12	22.01	PASS
Band13	5MHz	QPSK	23230	1RB#24	22.25	PASS
Band13	5MHz	QPSK	23230	12RB#0	20.68	PASS
Band13	5MHz	QPSK	23230	12RB#6	20.71	PASS
Band13	5MHz	QPSK	23230	12RB#13	21.15	PASS
Band13	5MHz	QPSK	23230	25RB#0	20.85	PASS
Band13	5MHz	QPSK	23255	1RB#0	22.02	PASS
Band13	5MHz	QPSK	23255	1RB#12	22.38	PASS
Band13	5MHz	QPSK	23255	1RB#24	22.59	PASS
Band13	5MHz	QPSK	23255	12RB#0	21.03	PASS
Band13	5MHz	QPSK	23255	12RB#6	21.06	PASS
Band13	5MHz	QPSK	23255	12RB#13	21.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	21.31	PASS
Band13	5MHz	16QAM	23205	1RB#0	20.42	PASS
Band13	5MHz	16QAM	23205	1RB#12	20.65	PASS
Band13	5MHz	16QAM	23205	1RB#24	20.82	PASS
Band13	5MHz	16QAM	23205	12RB#0	19.31	PASS
Band13	5MHz	16QAM	23205	12RB#6	19.29	PASS
Band13	5MHz	16QAM	23205	12RB#13	19.7	PASS
Band13	5MHz	16QAM	23205	25RB#0	19.59	PASS
Band13	5MHz	16QAM	23230	1RB#0	20.93	PASS
Band13	5MHz	16QAM	23230	1RB#12	21.28	PASS
Band13	5MHz	16QAM	23230	1RB#24	21.36	PASS
Band13	5MHz	16QAM	23230	12RB#0	19.72	PASS
Band13	5MHz	16QAM	23230	12RB#6	19.72	PASS
Band13	5MHz	16QAM	23230	12RB#13	20.22	PASS
Band13	5MHz	16QAM	23230	25RB#0	19.82	PASS



Band13	5MHz	16QAM	23255	1RB#0	21.04	PASS
Band13	5MHz	16QAM	23255	1RB#12	21.37	PASS
Band13	5MHz	16QAM	23255	1RB#24	21.78	PASS
Band13	5MHz	16QAM	23255	12RB#0	20.05	PASS
Band13	5MHz	16QAM	23255	12RB#6	20.08	PASS
Band13	5MHz	16QAM	23255	12RB#13	20.52	PASS
Band13	5MHz	16QAM	23255	25RB#0	20.39	PASS
Band13	10MHz	QPSK	23230	1RB#0	21.16	PASS
Band13	10MHz	QPSK	23230	1RB#24	21.8	PASS
Band13	10MHz	QPSK	23230	1RB#49	22.44	PASS
Band13	10MHz	QPSK	23230	25RB#0	20.58	PASS
Band13	10MHz	QPSK	23230	25RB#12	20.57	PASS
Band13	10MHz	QPSK	23230	25RB#25	21.3	PASS
Band13	10MHz	QPSK	23230	50RB#0	20.97	PASS
Band13	10MHz	16QAM	23230	1RB#0	20.59	PASS
Band13	10MHz	16QAM	23230	1RB#24	21.21	PASS
Band13	10MHz	16QAM	23230	1RB#49	21.92	PASS
Band13	10MHz	16QAM	23230	25RB#0	19.6	PASS
Band13	10MHz	16QAM	23230	25RB#12	19.6	PASS
Band13	10MHz	16QAM	23230	25RB#25	20.33	PASS
Band13	10MHz	16QAM	23230	50RB#0	19.93	PASS



## LTE BAND 17

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	25.97	PASS
Band17	5MHz	QPSK	23755	1RB#12	25.48	PASS
Band17	5MHz	QPSK	23755	1RB#24	24.58	PASS
Band17	5MHz	QPSK	23755	12RB#0	24.73	PASS
Band17	5MHz	QPSK	23755	12RB#6	24.76	PASS
Band17	5MHz	QPSK	23755	12RB#13	24.08	PASS
Band17	5MHz	QPSK	23755	25RB#0	24.48	PASS
Band17	5MHz	QPSK	23790	1RB#0	25.26	PASS
Band17	5MHz	QPSK	23790	1RB#12	24.12	PASS
Band17	5MHz	QPSK	23790	1RB#24	23.06	PASS
Band17	5MHz	QPSK	23790	12RB#0	23.63	PASS
Band17	5MHz	QPSK	23790	12RB#6	23.65	PASS
Band17	5MHz	QPSK	23790	12RB#13	22.52	PASS
Band17	5MHz	QPSK	23790	25RB#0	23.09	PASS
Band17	5MHz	QPSK	23825	1RB#0	23.57	PASS
Band17	5MHz	QPSK	23825	1RB#12	22.57	PASS
Band17	5MHz	QPSK	23825	1RB#24	21.91	PASS
Band17	5MHz	QPSK	23825	12RB#0	22.02	PASS
Band17	5MHz	QPSK	23825	12RB#6	22.02	PASS
Band17	5MHz	QPSK	23825	12RB#13	21.19	PASS
Band17	5MHz	QPSK	23825	25RB#0	21.63	PASS
Band17	5MHz	16QAM	23755	1RB#0	24.99	PASS
Band17	5MHz	16QAM	23755	1RB#12	24.67	PASS
Band17	5MHz	16QAM	23755	1RB#24	23.76	PASS
Band17	5MHz	16QAM	23755	12RB#0	23.74	PASS
Band17	5MHz	16QAM	23755	12RB#6	23.76	PASS
Band17	5MHz	16QAM	23755	12RB#13	23.1	PASS
Band17	5MHz	16QAM	23755	25RB#0	23.5	PASS
Band17	5MHz	16QAM	23790	1RB#0	24.43	PASS
Band17	5MHz	16QAM	23790	1RB#12	23.35	PASS
Band17	5MHz	16QAM	23790	1RB#24	22.44	PASS
Band17	5MHz	16QAM	23790	12RB#0	22.71	PASS
Band17	5MHz	16QAM	23790	12RB#6	22.71	PASS
Band17	5MHz	16QAM	23790	12RB#13	21.53	PASS
Band17	5MHz	16QAM	23790	25RB#0	22.02	PASS



Band17	5MHz	16QAM	23825	1RB#0	22.54	PASS
Band17	5MHz	16QAM	23825	1RB#12	21.73	PASS
Band17	5MHz	16QAM	23825	1RB#24	20.97	PASS
Band17	5MHz	16QAM	23825	12RB#0	21.1	PASS
Band17	5MHz	16QAM	23825	12RB#6	21.1	PASS
Band17	5MHz	16QAM	23825	12RB#13	20.3	PASS
Band17	5MHz	16QAM	23825	25RB#0	20.67	PASS
Band17	10MHz	QPSK	23780	1RB#0	25.74	PASS
Band17	10MHz	QPSK	23780	1RB#24	24.38	PASS
Band17	10MHz	QPSK	23780	1RB#49	22.49	PASS
Band17	10MHz	QPSK	23780	25RB#0	24.4	PASS
Band17	10MHz	QPSK	23780	25RB#12	24.33	PASS
Band17	10MHz	QPSK	23780	25RB#25	22.55	PASS
Band17	10MHz	QPSK	23780	50RB#0	23.52	PASS
Band17	10MHz	QPSK	23790	1RB#0	25.67	PASS
Band17	10MHz	QPSK	23790	1RB#24	24.01	PASS
Band17	10MHz	QPSK	23790	1RB#49	22.21	PASS
Band17	10MHz	QPSK	23790	25RB#0	24.07	PASS
Band17	10MHz	QPSK	23790	25RB#12	24	PASS
Band17	10MHz	QPSK	23790	25RB#25	22.17	PASS
Band17	10MHz	QPSK	23790	50RB#0	23.2	PASS
Band17	10MHz	QPSK	23800	1RB#0	25.38	PASS
Band17	10MHz	QPSK	23800	1RB#24	23.48	PASS
Band17	10MHz	QPSK	23800	1RB#49	21.97	PASS
Band17	10MHz	QPSK	23800	25RB#0	23.6	PASS
Band17	10MHz	QPSK	23800	25RB#12	23.65	PASS
Band17	10MHz	QPSK	23800	25RB#25	21.81	PASS
Band17	10MHz	QPSK	23800	50RB#0	22.81	PASS
Band17	10MHz	16QAM	23780	1RB#0	25.1	PASS
Band17	10MHz	16QAM	23780	1RB#24	23.57	PASS
Band17	10MHz	16QAM	23780	1RB#49	21.85	PASS
Band17	10MHz	16QAM	23780	25RB#0	23.31	PASS
Band17	10MHz	16QAM	23780	25RB#12	23.32	PASS
Band17	10MHz	16QAM	23780	25RB#25	21.54	PASS
Band17	10MHz	16QAM	23780	50RB#0	22.5	PASS
Band17	10MHz	16QAM	23790	1RB#0	25.11	PASS
Band17	10MHz	16QAM	23790	1RB#24	23.14	PASS
Band17	10MHz	16QAM	23790	1RB#49	21.36	PASS



Band17	10MHz	16QAM	23790	25RB#0	23.04	PASS
Band17	10MHz	16QAM	23790	25RB#12	23.04	PASS
Band17	10MHz	16QAM	23790	25RB#25	21.24	PASS
Band17	10MHz	16QAM	23790	50RB#0	22.21	PASS
Band17	10MHz	16QAM	23800	1RB#0	24.34	PASS
Band17	10MHz	16QAM	23800	1RB#24	22.4	PASS
Band17	10MHz	16QAM	23800	1RB#49	20.92	PASS
Band17	10MHz	16QAM	23800	25RB#0	22.68	PASS
Band17	10MHz	16QAM	23800	25RB#12	22.71	PASS
Band17	10MHz	16QAM	23800	25RB#25	20.82	PASS
Band17	10MHz	16QAM	23800	50RB#0	21.84	PASS





## LTE BAND 25

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band25	1.4MHz	QPSK	26047	1RB#0	21.89	PASS
Band25	1.4MHz	QPSK	26047	1RB#2	21.73	PASS
Band25	1.4MHz	QPSK	26047	1RB#5	21.72	PASS
Band25	1.4MHz	QPSK	26047	3RB#0	21.94	PASS
Band25	1.4MHz	QPSK	26047	3RB#1	21.88	PASS
Band25	1.4MHz	QPSK	26047	3RB#3	21.85	PASS
Band25	1.4MHz	QPSK	26047	6RB#0	20.9	PASS
Band25	1.4MHz	QPSK	26365	1RB#0	22.59	PASS
Band25	1.4MHz	QPSK	26365	1RB#2	22.52	PASS
Band25	1.4MHz	QPSK	26365	1RB#5	22.51	PASS
Band25	1.4MHz	QPSK	26365	3RB#0	22.59	PASS
Band25	1.4MHz	QPSK	26365	3RB#1	22.59	PASS
Band25	1.4MHz	QPSK	26365	3RB#3	22.54	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	21.63	PASS
Band25	1.4MHz	QPSK	26683	1RB#0	21.23	PASS
Band25	1.4MHz	QPSK	26683	1RB#2	21.34	PASS
Band25	1.4MHz	QPSK	26683	1RB#5	21.26	PASS
Band25	1.4MHz	QPSK	26683	3RB#0	21.38	PASS
Band25	1.4MHz	QPSK	26683	3RB#1	21.44	PASS
Band25	1.4MHz	QPSK	26683	3RB#3	21.4	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	20.42	PASS
Band25	1.4MHz	16QAM	26047	1RB#0	20.92	PASS
Band25	1.4MHz	16QAM	26047	1RB#2	21.08	PASS
Band25	1.4MHz	16QAM	26047	1RB#5	20.85	PASS
Band25	1.4MHz	16QAM	26047	3RB#0	20.93	PASS
Band25	1.4MHz	16QAM	26047	3RB#1	20.94	PASS
Band25	1.4MHz	16QAM	26047	3RB#3	20.8	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	19.96	PASS
Band25	1.4MHz	16QAM	26365	1RB#0	21.88	PASS
Band25	1.4MHz	16QAM	26365	1RB#2	21.91	PASS
Band25	1.4MHz	16QAM	26365	1RB#5	21.73	PASS
Band25	1.4MHz	16QAM	26365	3RB#0	21.72	PASS
Band25	1.4MHz	16QAM	26365	3RB#1	21.62	PASS
Band25	1.4MHz	16QAM	26365	3RB#3	21.66	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	20.29	PASS





Band25	1.4MHz	16QAM	26683	1RB#0	20.31	PASS
Band25	1.4MHz	16QAM	26683	1RB#2	20.45	PASS
Band25	1.4MHz	16QAM	26683	1RB#5	20.46	PASS
Band25	1.4MHz	16QAM	26683	3RB#0	20.33	PASS
Band25	1.4MHz	16QAM	26683	3RB#1	20.35	PASS
Band25	1.4MHz	16QAM	26683	3RB#3	20.34	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	19.37	PASS
Band25	3MHz	QPSK	26055	1RB#0	21.94	PASS
Band25	3MHz	QPSK	26055	1RB#8	21.72	PASS
Band25	3MHz	QPSK	26055	1RB#14	21.62	PASS
Band25	3MHz	QPSK	26055	8RB#0	20.99	PASS
Band25	3MHz	QPSK	26055	8RB#4	20.99	PASS
Band25	3MHz	QPSK	26055	8RB#7	20.85	PASS
Band25	3MHz	QPSK	26055	15RB#0	20.91	PASS
Band25	3MHz	QPSK	26365	1RB#0	22.86	PASS
Band25	3MHz	QPSK	26365	1RB#8	22.61	PASS
Band25	3MHz	QPSK	26365	1RB#14	22.47	PASS
Band25	3MHz	QPSK	26365	8RB#0	21.77	PASS
Band25	3MHz	QPSK	26365	8RB#4	21.77	PASS
Band25	3MHz	QPSK	26365	8RB#7	21.66	PASS
Band25	3MHz	QPSK	26365	15RB#0	21.72	PASS
Band25	3MHz	QPSK	26675	1RB#0	21.49	PASS
Band25	3MHz	QPSK	26675	1RB#8	21.42	PASS
Band25	3MHz	QPSK	26675	1RB#14	21.43	PASS
Band25	3MHz	QPSK	26675	8RB#0	20.57	PASS
Band25	3MHz	QPSK	26675	8RB#4	20.55	PASS
Band25	3MHz	QPSK	26675	8RB#7	20.56	PASS
Band25	3MHz	QPSK	26675	15RB#0	20.58	PASS
Band25	3MHz	16QAM	26055	1RB#0	21.34	PASS
Band25	3MHz	16QAM	26055	1RB#8	20.96	PASS
Band25	3MHz	16QAM	26055	1RB#14	21.04	PASS
Band25	3MHz	16QAM	26055	8RB#0	20.08	PASS
Band25	3MHz	16QAM	26055	8RB#4	20.01	PASS
Band25	3MHz	16QAM	26055	8RB#7	19.86	PASS
Band25	3MHz	16QAM	26055	15RB#0	19.95	PASS
Band25	3MHz	16QAM	26365	1RB#0	22	PASS
Band25	3MHz	16QAM	26365	1RB#8	21.84	PASS
Band25	3MHz	16QAM	26365	1RB#14	21.55	PASS



Band25	3MHz	16QAM	26365	8RB#0	20.79	PASS
Band25	3MHz	16QAM	26365	8RB#4	20.77	PASS
Band25	3MHz	16QAM	26365	8RB#7	20.71	PASS
Band25	3MHz	16QAM	26365	15RB#0	20.54	PASS
Band25	3MHz	16QAM	26675	1RB#0	20.45	PASS
Band25	3MHz	16QAM	26675	1RB#8	20.43	PASS
Band25	3MHz	16QAM	26675	1RB#14	20.49	PASS
Band25	3MHz	16QAM	26675	8RB#0	19.64	PASS
Band25	3MHz	16QAM	26675	8RB#4	19.68	PASS
Band25	3MHz	16QAM	26675	8RB#7	19.6	PASS
Band25	3MHz	16QAM	26675	15RB#0	19.49	PASS
Band25	5MHz	QPSK	26065	1RB#0	22.05	PASS
Band25	5MHz	QPSK	26065	1RB#12	21.68	PASS
Band25	5MHz	QPSK	26065	1RB#24	21.64	PASS
Band25	5MHz	QPSK	26065	12RB#0	20.97	PASS
Band25	5MHz	QPSK	26065	12RB#6	21	PASS
Band25	5MHz	QPSK	26065	12RB#13	20.77	PASS
Band25	5MHz	QPSK	26065	25RB#0	20.89	PASS
Band25	5MHz	QPSK	26365	1RB#0	23.02	PASS
Band25	5MHz	QPSK	26365	1RB#12	22.63	PASS
Band25	5MHz	QPSK	26365	1RB#24	22.46	PASS
Band25	5MHz	QPSK	26365	12RB#0	21.9	PASS
Band25	5MHz	QPSK	26365	12RB#6	21.91	PASS
Band25	5MHz	QPSK	26365	12RB#13	21.61	PASS
Band25	5MHz	QPSK	26365	25RB#0	21.71	PASS
Band25	5MHz	QPSK	26665	1RB#0	21.63	PASS
Band25	5MHz	QPSK	26665	1RB#12	21.56	PASS
Band25	5MHz	QPSK	26665	1RB#24	21.81	PASS
Band25	5MHz	QPSK	26665	12RB#0	20.66	PASS
Band25	5MHz	QPSK	26665	12RB#6	20.67	PASS
Band25	5MHz	QPSK	26665	12RB#13	20.6	PASS
Band25	5MHz	QPSK	26665	25RB#0	20.62	PASS
Band25	5MHz	16QAM	26065	1RB#0	21.14	PASS
Band25	5MHz	16QAM	26065	1RB#12	20.77	PASS
Band25	5MHz	16QAM	26065	1RB#24	20.72	PASS
Band25	5MHz	16QAM	26065	12RB#0	20.02	PASS
Band25	5MHz	16QAM	26065	12RB#6	20.03	PASS
Band25	5MHz	16QAM	26065	12RB#13	19.76	PASS



Band25	5MHz	16QAM	26065	25RB#0	19.86	PASS
Band25	5MHz	16QAM	26365	1RB#0	22.23	PASS
Band25	5MHz	16QAM	26365	1RB#12	21.86	PASS
Band25	5MHz	16QAM	26365	1RB#24	21.7	PASS
Band25	5MHz	16QAM	26365	12RB#0	20.96	PASS
Band25	5MHz	16QAM	26365	12RB#6	20.94	PASS
Band25	5MHz	16QAM	26365	12RB#13	20.68	PASS
Band25	5MHz	16QAM	26365	25RB#0	20.76	PASS
Band25	5MHz	16QAM	26665	1RB#0	20.67	PASS
Band25	5MHz	16QAM	26665	1RB#12	20.54	PASS
Band25	5MHz	16QAM	26665	1RB#24	20.72	PASS
Band25	5MHz	16QAM	26665	12RB#0	19.75	PASS
Band25	5MHz	16QAM	26665	12RB#6	19.69	PASS
Band25	5MHz	16QAM	26665	12RB#13	19.63	PASS
Band25	5MHz	16QAM	26665	25RB#0	19.73	PASS
Band25	10MHz	QPSK	26090	1RB#0	21.87	PASS
Band25	10MHz	QPSK	26090	1RB#24	21.39	PASS
Band25	10MHz	QPSK	26090	1RB#49	21.36	PASS
Band25	10MHz	QPSK	26090	25RB#0	20.86	PASS
Band25	10MHz	QPSK	26090	25RB#12	20.85	PASS
Band25	10MHz	QPSK	26090	25RB#25	20.57	PASS
Band25	10MHz	QPSK	26090	50RB#0	20.72	PASS
Band25	10MHz	QPSK	26365	1RB#0	23.32	PASS
Band25	10MHz	QPSK	26365	1RB#24	22.66	PASS
Band25	10MHz	QPSK	26365	1RB#49	22.05	PASS
Band25	10MHz	QPSK	26365	25RB#0	22.17	PASS
Band25	10MHz	QPSK	26365	25RB#12	22.13	PASS
Band25	10MHz	QPSK	26365	25RB#25	21.56	PASS
Band25	10MHz	QPSK	26365	50RB#0	21.83	PASS
Band25	10MHz	QPSK	26640	1RB#0	21.81	PASS
Band25	10MHz	QPSK	26640	1RB#24	21.54	PASS
Band25	10MHz	QPSK	26640	1RB#49	21.39	PASS
Band25	10MHz	QPSK	26640	25RB#0	20.95	PASS
Band25	10MHz	QPSK	26640	25RB#12	20.98	PASS
Band25	10MHz	QPSK	26640	25RB#25	20.74	PASS
Band25	10MHz	QPSK	26640	50RB#0	20.82	PASS
Band25	10MHz	16QAM	26090	1RB#0	21.15	PASS
Band25	10MHz	16QAM	26090	1RB#24	20.78	PASS



Band25	10MHz	16QAM	26090	1RB#49	20.72	PASS
Band25	10MHz	16QAM	26090	25RB#0	19.89	PASS
Band25	10MHz	16QAM	26090	25RB#12	19.9	PASS
Band25	10MHz	16QAM	26090	25RB#25	19.59	PASS
Band25	10MHz	16QAM	26090	50RB#0	19.74	PASS
Band25	10MHz	16QAM	26365	1RB#0	22.49	PASS
Band25	10MHz	16QAM	26365	1RB#24	21.97	PASS
Band25	10MHz	16QAM	26365	1RB#49	21.28	PASS
Band25	10MHz	16QAM	26365	25RB#0	21.23	PASS
Band25	10MHz	16QAM	26365	25RB#12	21.18	PASS
Band25	10MHz	16QAM	26365	25RB#25	20.61	PASS
Band25	10MHz	16QAM	26365	50RB#0	20.84	PASS
Band25	10MHz	16QAM	26640	1RB#0	20.97	PASS
Band25	10MHz	16QAM	26640	1RB#24	20.54	PASS
Band25	10MHz	16QAM	26640	1RB#49	20.62	PASS
Band25	10MHz	16QAM	26640	25RB#0	20.02	PASS
Band25	10MHz	16QAM	26640	25RB#12	20.04	PASS
Band25	10MHz	16QAM	26640	25RB#25	19.78	PASS
Band25	10MHz	16QAM	26640	50RB#0	19.83	PASS
Band25	15MHz	QPSK	26115	1RB#0	21.74	PASS
Band25	15MHz	QPSK	26115	1RB#38	21.15	PASS
Band25	15MHz	QPSK	26115	1RB#74	21.64	PASS
Band25	15MHz	QPSK	26115	38RB#0	20.58	PASS
Band25	15MHz	QPSK	26115	38RB#18	20.58	PASS
Band25	15MHz	QPSK	26115	38RB#37	20.58	PASS
Band25	15MHz	QPSK	26115	75RB#0	20.57	PASS
Band25	15MHz	QPSK	26365	1RB#0	23.56	PASS
Band25	15MHz	QPSK	26365	1RB#38	22.53	PASS
Band25	15MHz	QPSK	26365	1RB#74	21.8	PASS
Band25	15MHz	QPSK	26365	38RB#0	21.78	PASS
Band25	15MHz	QPSK	26365	38RB#18	21.73	PASS
Band25	15MHz	QPSK	26365	38RB#37	21.75	PASS
Band25	15MHz	QPSK	26365	75RB#0	21.79	PASS
Band25	15MHz	QPSK	26615	1RB#0	21.89	PASS
Band25	15MHz	QPSK	26615	1RB#38	21.63	PASS
Band25	15MHz	QPSK	26615	1RB#74	21.26	PASS
Band25	15MHz	QPSK	26615	38RB#0	20.87	PASS
Band25	15MHz	QPSK	26615	38RB#18	20.92	PASS