



UMTS Band 2 /1880MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	17.24	0.009	Within Authorized Band	PASS
40		17.85	0.009		
30		20.54	0.011		
20		16.17	0.009		
10		25.27	0.013		
0		13.91	0.007		
-10		30.93	0.016		
-20		31.20	0.017		
-30		15.42	0.008		
20	Maximum Voltage	33.91	0.018		
20	BEP	28.37	0.015		

HSDPA Band 2 /1880MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	31.36	0.017	Within Authorized Band	PASS
40		19.74	0.011		
30		24.64	0.013		
20		31.77	0.017		
10		19.66	0.010		
0		35.35	0.019		
-10		18.79	0.010		
-20		36.16	0.019		
-30		22.89	0.012		
20	Maximum Voltage	32.93	0.018		
20	BEP	26.56	0.014		

HSUPA Band 2 /1880MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	13.22	0.007	Within Authorized Band	PASS
40		13.10	0.007		
30		28.51	0.015		
20		28.84	0.015		
10		16.86	0.009		
0		19.61	0.010		
-10		31.60	0.017		
-20		30.57	0.016		
-30		24.13	0.013		
20	Maximum Voltage	35.11	0.019		
20	BEP	32.53	0.017		



UMTS Band 4 /1740MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	31.03	0.017	Within Authorized Band	PASS
40		21.36	0.011		
30		26.96	0.014		
20		30.35	0.016		
10		27.48	0.015		
0		28.99	0.015		
-10		31.33	0.017		
-20		15.13	0.008		
-30		31.89	0.017		
20	Maximum Voltage	33.62	0.018		
20	BEP	25.74	0.014		

HSDPA Band 4 /1740MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	31.05	0.017	Within Authorized Band	PASS
40		15.78	0.008		
30		12.25	0.007		
20		34.53	0.018		
10		36.20	0.019		
0		20.94	0.011		
-10		18.19	0.010		
-20		27.78	0.015		
-30		11.78	0.006		
20	Maximum Voltage	33.47	0.018		
20	BEP	24.67	0.013		

HSUPA Band 4 /1740MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	23.92	0.013	Within Authorized Band	PASS
40		16.73	0.009		
30		24.07	0.013		
20		15.68	0.008		
10		11.52	0.006		
0		15.05	0.008		
-10		28.03	0.015		
-20		19.48	0.010		
-30		25.37	0.013		
20	Maximum Voltage	13.02	0.007		
20	BEP	24.97	0.013		



UMTS Band 5 / 836.4MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	21.45	0.026	2.5ppm	PASS
40		20.26	0.024		
30		27.41	0.033		
20		20.13	0.024		
10		12.69	0.015		
0		19.16	0.023		
-10		22.23	0.027		
-20		27.16	0.032		
-30		18.84	0.023		
20	Maximum Voltage	33.17	0.040		
20	BEP	30.97	0.037		

HSDPA Band 5 / 836.4MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	30.75	0.037	2.5ppm	PASS
40		14.51	0.017		
30		33.23	0.040		
20		25.89	0.031		
10		32.98	0.039		
0		34.69	0.041		
-10		18.92	0.023		
-20		22.24	0.027		
-30		16.15	0.019		
20	Maximum Voltage	26.01	0.031		
20	BEP	30.16	0.036		

HSUPA Band 5 / 836.4MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	27.13	0.032	2.5ppm	PASS
40		16.97	0.020		
30		15.16	0.018		
20		25.88	0.031		
10		33.18	0.040		
0		34.27	0.041		
-10		29.36	0.035		
-20		16.66	0.020		
-30		36.15	0.043		
20	Maximum Voltage	20.40	0.024		
20	BEP	18.89	0.023		



LTE Band 2 (QPSK) / 1880MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	12.36	0.007	2.5ppm	PASS
40		27.47	0.015		
30		20.35	0.011		
20		27.63	0.015		
10		18.79	0.010		
0		12.85	0.007		
-10		30.93	0.016		
-20		31.32	0.017		
-30		33.71	0.018		
20	Maximum Voltage	27.89	0.015		
20	BEP	34.94	0.019		

LTE Band 2 (QPSK) / 1880MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	19.93	0.011	2.5ppm	PASS
40		22.86	0.012		
30		19.08	0.010		
20		25.76	0.014		
10		17.85	0.009		
0		12.75	0.007		
-10		35.76	0.019		
-20		29.54	0.016		
-30		21.62	0.012		
20	Maximum Voltage	23.27	0.012		
20	BEP	19.21	0.010		

LTE Band 4 (QPSK) / 1733MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	15.84	0.009	2.5ppm	PASS
40		22.56	0.013		
30		24.26	0.014		
20		13.17	0.008		
10		25.11	0.014		
0		30.64	0.018		
-10		15.37	0.009		
-20		19.70	0.011		
-30		24.92	0.014		
20	Maximum Voltage	32.18	0.019		
20	BEP	34.59	0.020		



LTE Band 4 (QPSK) / 1733MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	28.00	0.016	2.5ppm	PASS
40		33.52	0.019		
30		14.55	0.008		
20		22.67	0.013		
10		32.13	0.019		
0		32.88	0.019		
-10		32.37	0.019		
-20		11.95	0.007		
-30		13.70	0.008		
20	Maximum Voltage	19.91	0.011		
20	BEP	25.23	0.015		

LTE Band 5 (QPSK) / 836.5MHz / BW5M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	23.18	0.028	2.5ppm	PASS
40		36.26	0.043		
30		19.41	0.023		
20		35.66	0.043		
10		19.09	0.023		
0		36.03	0.043		
-10		18.57	0.022		
-20		29.49	0.035		
-30		34.65	0.041		
20	Maximum Voltage	25.37	0.030		
20	BEP	25.66	0.031		

LTE Band 5 (QPSK) / 836.5MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	16.31	0.019	2.5ppm	PASS
40		20.46	0.024		
30		21.98	0.026		
20		20.66	0.025		
10		28.59	0.034		
0		14.58	0.017		
-10		21.79	0.026		
-20		12.36	0.015		
-30		31.74	0.038		
20	Maximum Voltage	25.83	0.031		
20	BEP	35.84	0.043		



LTE Band 7 (QPSK) / 2535MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	19.18	0.008	2.5ppm	PASS
40		17.95	0.007		
30		13.78	0.005		
20		18.22	0.007		
10		21.86	0.009		
0		34.47	0.014		
-10		34.61	0.014		
-20		12.93	0.005		
-30		25.88	0.010		
20	Maximum Voltage	18.79	0.007		
20	BEP	27.38	0.011		

LTE Band 7 (QPSK) / 2535MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	12.46	0.005	2.5ppm	PASS
40		34.79	0.014		
30		26.06	0.010		
20		35.07	0.014		
10		14.88	0.006		
0		15.96	0.006		
-10		21.30	0.008		
-20		24.83	0.010		
-30		12.78	0.005		
20	Maximum Voltage	24.92	0.010		
20	BEP	12.54	0.005		

LTE Band 12 (QPSK) / 707.5MHz / BW5M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	25.03	0.035	2.5ppm	PASS
40		28.12	0.040		
30		31.12	0.044		
20		31.35	0.044		
10		33.40	0.047		
0		21.68	0.031		
-10		35.88	0.051		
-20		27.67	0.039		
-30		35.13	0.050		
20	Maximum Voltage	12.11	0.017		
20	BEP	16.38	0.023		



LTE Band 12 (QPSK) / 707.5MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	19.12	0.027	2.5ppm	PASS
40		29.08	0.041		
30		18.53	0.026		
20		29.72	0.042		
10		33.86	0.048		
0		27.94	0.039		
-10		20.34	0.029		
-20		17.81	0.025		
-30		30.91	0.044		
20	Maximum Voltage	19.77	0.028		
20	BEP	12.47	0.018		

LTE Band 13 (QPSK) / 782MHz / BW5M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	16.11	0.021	2.5ppm	PASS
40		25.76	0.033		
30		18.30	0.023		
20		35.32	0.045		
10		24.01	0.031		
0		24.94	0.032		
-10		16.69	0.021		
-20		34.87	0.045		
-30		20.26	0.026		
20	Maximum Voltage	33.78	0.043		
20	BEP	29.61	0.038		

LTE Band 13 (QPSK) / 782MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	17.57	0.022	2.5ppm	PASS
40		25.01	0.032		
30		31.54	0.040		
20		26.92	0.034		
10		14.28	0.018		
0		30.94	0.040		
-10		35.00	0.045		
-20		24.75	0.032		
-30		15.39	0.020		
20	Maximum Voltage	14.99	0.019		
20	BEP	30.92	0.040		



LTE Band 17 (QPSK) / 710MHz / BW5M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	27.93	0.039	2.5ppm	PASS
40		20.87	0.029		
30		19.26	0.027		
20		18.96	0.027		
10		34.70	0.049		
0		17.86	0.025		
-10		16.30	0.023		
-20		24.69	0.035		
-30		22.68	0.032		
20	Maximum Voltage	17.28	0.024		
20	BEP	31.54	0.044		

LTE Band 17 (QPSK) / 710MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	19.71	0.028	2.5ppm	PASS
40		13.86	0.020		
30		23.65	0.033		
20		30.46	0.043		
10		25.88	0.036		
0		35.50	0.050		
-10		29.24	0.041		
-20		30.32	0.043		
-30		32.67	0.046		
20	Maximum Voltage	28.95	0.041		
20	BEP	30.84	0.043		



Part22

LTE Band 26 (QPSK) / 836.5MHz / BW 10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	29.72	0.036	2.5ppm	PASS
40		33.45	0.040		
30		15.71	0.019		
20		20.53	0.025		
10		11.91	0.014		
0		27.13	0.032		
-10		17.73	0.021		
-20		14.81	0.018		
-30		24.50	0.029		
20	Maximum Voltage	13.24	0.016		
20	BEP	19.33	0.023		

LTE Band 26 (QPSK) / 836.5MHz / BW 15M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	25.81	0.031	2.5ppm	PASS
40		16.17	0.019		
30		12.14	0.015		
20		34.47	0.041		
10		26.87	0.032		
0		23.62	0.028		
-10		31.95	0.038		
-20		33.24	0.040		
-30		19.36	0.023		
20	Maximum Voltage	28.24	0.034		
20	BEP	19.23	0.023		



Part90

LTE Band 26 (QPSK) / 819MHz / BW5M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	11.70	0.014	2.5ppm	PASS
40		31.58	0.039		
30		11.70	0.014		
20		26.18	0.032		
10		25.70	0.031		
0		32.74	0.040		
-10		34.28	0.042		
-20		19.37	0.024		
-30		34.78	0.042		
20	Maximum Voltage	17.11	0.021		
20	BEP	17.49	0.021		

LTE Band 26 (QPSK) / 819MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	14.62	0.018	2.5ppm	PASS
40		14.53	0.018		
30		23.91	0.029		
20		23.69	0.029		
10		23.07	0.028		
0		31.43	0.038		
-10		17.44	0.021		
-20		30.30	0.037		
-30		18.92	0.023		
20	Maximum Voltage	33.39	0.041		
20	BEP	22.07	0.027		

LTE Band 41 (QPSK) / 2595MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	23.38	0.009	2.5ppm	PASS
40		16.63	0.006		
30		29.83	0.011		
20		21.74	0.008		
10		13.25	0.005		
0		25.62	0.010		
-10		28.52	0.011		
-20		36.22	0.014		
-30		31.62	0.012		
20	Maximum Voltage	15.92	0.006		
20	BEP	21.33	0.008		



LTE Band 41 (QPSK) / 2595MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	23.51	0.009	2.5ppm	PASS
40		27.27	0.010		
30		18.33	0.007		
20		18.28	0.007		
10		19.56	0.008		
0		12.28	0.005		
-10		20.67	0.008		
-20		32.41	0.012		
-30		28.40	0.011		
20	Maximum Voltage	26.54	0.010		
20	BEP	21.68	0.008		

LTE Band 66 (QPSK) / 1745MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	16.17	0.009	2.5ppm	PASS
40		23.52	0.013		
30		14.06	0.008		
20		21.49	0.012		
10		21.74	0.012		
0		32.13	0.018		
-10		33.05	0.019		
-20		12.08	0.007		
-30		31.30	0.018		
20	Maximum Voltage	20.85	0.012		
20	BEP	16.23	0.009		

LTE Band 66 (QPSK) / 1745MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	22.95	0.013	2.5ppm	PASS
40		28.03	0.016		
30		29.80	0.017		
20		26.86	0.015		
10		17.54	0.010		
0		29.08	0.017		
-10		12.41	0.007		
-20		30.46	0.017		
-30		25.73	0.015		
20	Maximum Voltage	30.73	0.018		
20	BEP	13.78	0.008		

5.5 SPURIOUS EMISSIONS AT ANTENNA TERMINALS

TEST OVERVIEW

The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least $43 + 10 \log (P)$ dB.

For Band 7:

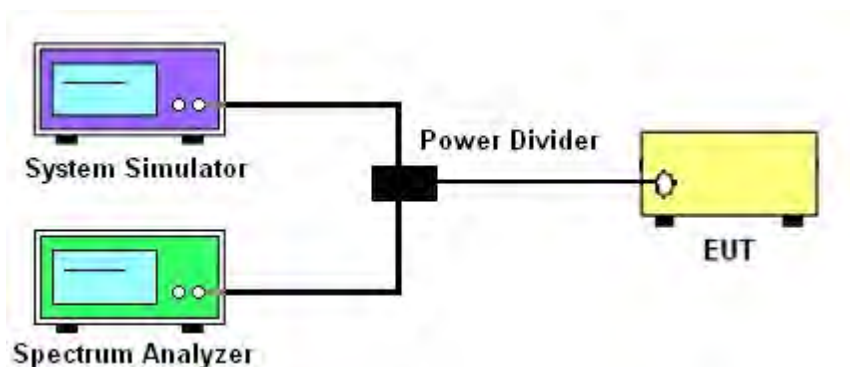
The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least $55 + 10 \log (P)$ dB.

It is measured by means of a calibrated spectrum analyzer and scanned from 30 MHz up to a frequency including its 10th harmonic.

TEST PROCEDURE

1. The testing FCC KDB 971168 D01 v03r01 Section 6.0. and ANSI C63.26-2015-Section 5.7.
2. The EUT was connected to the spectrum analyzer and system simulator via a power divider.
3. The RF output of EUT was connected to the spectrum analyzer by an RF cable and attenuator. The path loss was compensated to the results for each measurement.
4. The middle channel for the highest RF power within the transmitting frequency was measured.
5. The conducted spurious emission for the whole frequency range was taken.
6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
7. The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)
 $= P(W) - [43 + 10\log(P)]$ (dB)
 $= [30 + 10\log(P)]$ (dBm) - $[43 + 10\log(P)]$ (dB)
 $= -13\text{dBm}$.

TEST SETUP



TEST RESULT

Note: The test data please reference to attachment “STS2512268W07_Appendix GSM”, “STS2512268W07_Appendix WCDMA” and “STS2512268W07_Appendix LTE”.



5.6 BAND EDGE

TEST OVERVIEW

1. §22.917(a)

For operations in the 824 – 849 MHz band, the FCC limit is $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ in a 100kHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

2. §24.238 (a)

For operations in the 1850-1910 and 1930-1990 MHz band, the FCC limit is $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ in a 1MHz bandwidth. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed

3. §27.53 (h)

For operations in the 1710 – 1755 MHz band, the FCC limit is $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ in a 1 MHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

4. §27.53(m)(4)

For operations in the 2500 MHz ~ 2570 MHz band this section, the attenuation factor shall be not less than $40 + 10 \log (P)$ dB on all frequencies between the channel edge and 5 megahertz from the channel edge, $43 + 10 \log (P)$ dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and $55 + 10 \log (P)$ dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that $43 + 10 \log (P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log (P)$ dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

5. §27.53 (g)

For operations in the 698 -746 MHz band, the FCC limit is $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ in a 100 kHz bandwidth. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

TEST PROCEDURE

1. The testing FCC KDB 971168 D01 v03r01 Section 6.0 and ANSI C63.26-2015-Section 5.7
2. Start and stop frequency were set such that the band edge would be placed in the center of the Plot.
3. The EUT was connected to the spectrum analyzer and system simulator via a power divider.
4. The RF output of EUT was connected to the spectrum analyzer by an RF cable and attenuator. The path loss was compensated to the results for each measurement.
5. The band edges of low and high channels for the highest RF powers were measured.
6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

7. The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)

$$= P(W) - [43 + 10\log(P)] \text{ (dB)}$$

$$= [30 + 10\log(P)] \text{ (dBm)} - [43 + 10\log(P)] \text{ (dB)}$$

$$= -13\text{dBm}.$$

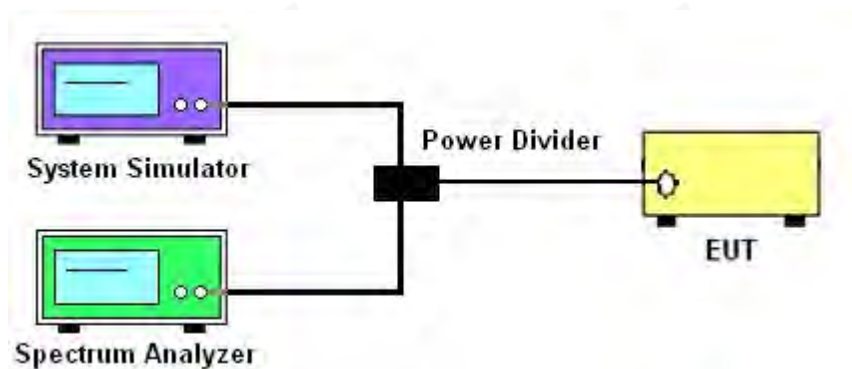
Band 7:

$$= P(W) - [55 + 10\log(P)] \text{ (dB)}$$

$$= [30 + 10\log(P)] \text{ (dBm)} - [55 + 10\log(P)] \text{ (dB)}$$

$$= -25\text{dBm}.$$

TEST SETUP



TEST RESULT

Note: The test data please reference to attachment “STS2512268W07_Appendix GSM”, “STS2512268W07_Appendix WCDMA” and “STS2512268W07_Appendix LTE”.



5.7 FIELD STRENGTH OF SPURIOUS RADIATION MEASUREMENT

TEST OVERVIEW

Radiated spurious emissions measurements are performed using the substitution method described in ANSI C63.26-2015 with the EUT transmitting into an integral antenna. Measurements on signals operating below 1GHz are performed using horizontally and vertically polarized tuned dipole antennas. Measurements on signals operating above 1GHz are performed using vertically and horizontally polarized horn antennas. All measurements are performed as peak measurements while the EUT is operating at maximum power and at the appropriate frequencies.

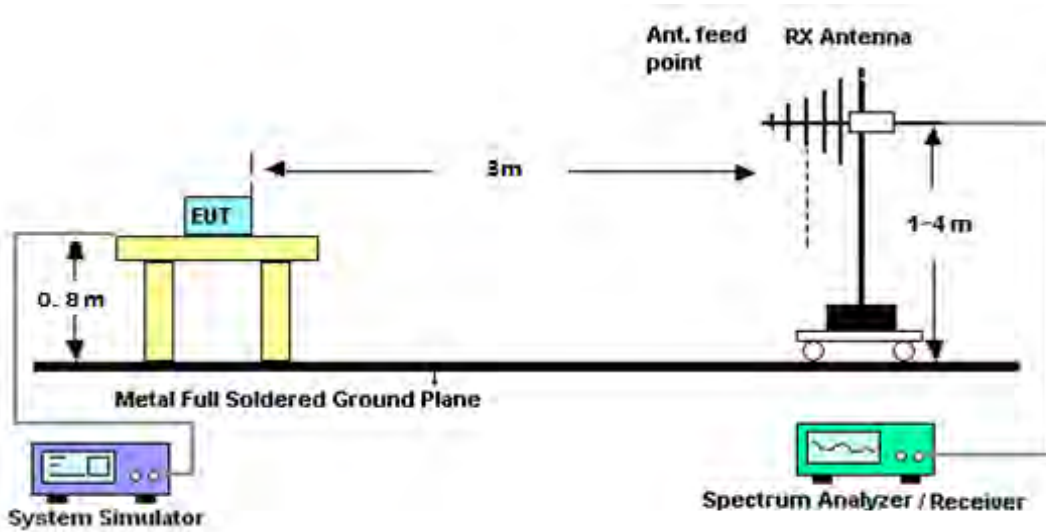
It is measured by means of a calibrated spectrum analyzer and scanned from 30 MHz up to a frequency including its 10th harmonic.

TEST PROCEDURE

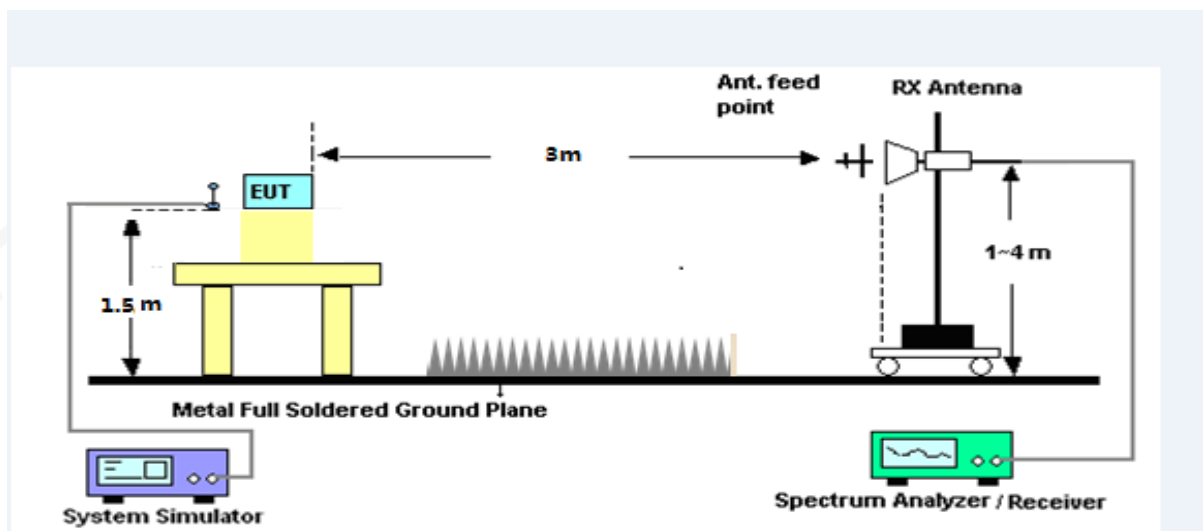
1. The testing FCC KDB 971168 D01 Section 5.8 and ANSI C63.26-2015-Section 5.5.
2. RBW = 100kHz for emissions below 1GHz and 1MHz for emissions above 1GHz
3. VBW $\geq 3 \times$ RBW
4. Span = 1.5 times the OBW
5. No. of sweep points $> 2 \times$ span/RBW
6. Detector = Peak
7. Trace mode = max hold
8. The trace was allowed to stabilize
9. Effective Isotropic Spurious Radiation was measured by substitution method according to TIA/EIA-603-D. The EUT was replaced by the substitution antenna at same location, and then a known power from S.G. was applied into the dipole antenna through a Tx cable, and then recorded the maximum Analyzer reading through raised and lowered the test antenna.
 $P_{Mea} = S.G \text{ Level} + \text{Ant-Cable loss}$; $\text{Margin} = P_{Mea} - \text{Limit}$.

TEST SETUP

For radiated test from 30MHz to 1GHz



For radiated test from above 1GHz



**TEST RESULT**

Note: (1) Spurious emissions which are attenuated by more than 20dB below the permissible value for frequency below 1000MHz.

(2) Above 3.5GHz amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value

(3) Test is divided into three directions, X/Y/Z. X pattern for the worst.

GSM 850: (30-9000)MHz							
The Worst Test Results Channel 128/824.2 MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1648.05	-41.60	9.40	4.75	-36.95	-13.00	-23.95	H
2472.69	-39.53	10.60	8.39	-37.32	-13.00	-24.32	H
3296.44	-31.71	12.00	11.79	-31.50	-13.00	-18.50	H
1648.05	-43.46	9.40	4.75	-38.81	-13.00	-25.81	V
2472.69	-44.62	10.60	8.39	-42.41	-13.00	-29.41	V
3296.44	-43.20	12.00	11.79	-42.99	-13.00	-29.99	V
The Worst Test Results Channel 190/836.6 MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1673.11	-40.63	9.50	4.76	-35.89	-13.00	-22.89	H
2509.63	-40.07	10.70	8.40	-37.77	-13.00	-24.77	H
3346.00	-32.15	12.20	11.80	-31.75	-13.00	-18.75	H
1673.11	-43.69	9.40	4.75	-39.04	-13.00	-26.04	V
2509.63	-45.40	10.60	8.39	-43.19	-13.00	-30.19	V
3346.00	-42.96	12.20	11.82	-42.58	-13.00	-29.58	V
The Worst Test Results Channel 251/848.8 MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1697.20	-41.60	9.60	4.77	-36.77	-13.00	-23.77	H
2546.35	-39.42	10.80	8.50	-37.12	-13.00	-24.12	H
3394.94	-32.05	12.50	11.90	-31.45	-13.00	-18.45	H
1697.20	-44.28	9.60	4.77	-39.45	-13.00	-26.45	V
2546.35	-44.66	10.80	8.50	-42.36	-13.00	-29.36	V
3394.94	-42.85	12.50	11.90	-42.25	-13.00	-29.25	V



GPRS 850: (30-9000)MHz							
The Worst Test Results Channel 128/824.2 MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1648.39	-40.93	9.40	4.75	-36.28	-13.00	-23.28	H
2472.55	-39.74	10.60	8.39	-37.53	-13.00	-24.53	H
3296.72	-31.86	12.00	11.79	-31.65	-13.00	-18.65	H
1648.39	-43.39	9.40	4.75	-38.74	-13.00	-25.74	V
2472.55	-44.09	10.60	8.39	-41.88	-13.00	-28.88	V
3296.72	-43.62	12.00	11.79	-43.41	-13.00	-30.41	V
The Worst Test Results Channel 190/836.6 MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1672.83	-40.53	9.50	4.76	-35.79	-13.00	-22.79	H
2509.68	-39.24	10.70	8.40	-36.94	-13.00	-23.94	H
3346.24	-31.71	12.20	11.80	-31.31	-13.00	-18.31	H
1672.83	-43.17	9.40	4.75	-38.52	-13.00	-25.52	V
2509.68	-45.15	10.60	8.39	-42.94	-13.00	-29.94	V
3346.24	-43.02	12.20	11.82	-42.64	-13.00	-29.64	V
The Worst Test Results Channel 251/848.8 MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1697.57	-41.19	9.60	4.77	-36.36	-13.00	-23.36	H
2546.38	-40.05	10.80	8.50	-37.75	-13.00	-24.75	H
3394.88	-32.11	12.50	11.90	-31.51	-13.00	-18.51	H
1697.57	-43.63	9.60	4.77	-38.80	-13.00	-25.80	V
2546.38	-44.26	10.80	8.50	-41.96	-13.00	-28.96	V
3394.88	-42.53	12.50	11.90	-41.93	-13.00	-28.93	V



EGPRS 850: (30-9000)MHz							
The Worst Test Results Channel 128/824.2 MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1648.21	-41.53	9.40	4.75	-36.88	-13.00	-23.88	H
2472.27	-39.47	10.60	8.39	-37.26	-13.00	-24.26	H
3296.79	-31.53	12.00	11.79	-31.32	-13.00	-18.32	H
1648.21	-44.36	9.40	4.75	-39.71	-13.00	-26.71	V
2472.27	-44.88	10.60	8.39	-42.67	-13.00	-29.67	V
3296.79	-42.86	12.00	11.79	-42.65	-13.00	-29.65	V
The Worst Test Results Channel 190/836.6 MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1672.95	-41.44	9.50	4.76	-36.70	-13.00	-23.70	H
2509.67	-39.21	10.70	8.40	-36.91	-13.00	-23.91	H
3346.26	-31.34	12.20	11.80	-30.94	-13.00	-17.94	H
1672.95	-43.90	9.40	4.75	-39.25	-13.00	-26.25	V
2509.67	-45.05	10.60	8.39	-42.84	-13.00	-29.84	V
3346.26	-42.60	12.20	11.82	-42.22	-13.00	-29.22	V
The Worst Test Results Channel 251/848.8 MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1697.46	-40.32	9.60	4.77	-35.49	-13.00	-22.49	H
2546.46	-40.57	10.80	8.50	-38.27	-13.00	-25.27	H
3395.01	-31.96	12.50	11.90	-31.36	-13.00	-18.36	H
1697.46	-44.59	9.60	4.77	-39.76	-13.00	-26.76	V
2546.46	-44.51	10.80	8.50	-42.21	-13.00	-29.21	V
3395.01	-42.95	12.50	11.90	-42.35	-13.00	-29.35	V



PCS 1900: (30-20000)MHz							
The Worst Test Results for Channel 512/1850.2MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3700.15	-34.90	12.60	12.93	-35.23	-13.00	-22.23	H
5550.22	-34.19	13.10	17.11	-38.20	-13.00	-25.20	H
7400.49	-32.99	11.50	22.20	-43.69	-13.00	-30.69	H
3700.15	-34.71	12.60	12.93	-35.04	-13.00	-22.04	V
5550.22	-34.35	13.10	17.11	-38.36	-13.00	-25.36	V
7400.49	-32.68	11.50	22.20	-43.38	-13.00	-30.38	V
The Worst Test Results for Channel 661/1880.0MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3760.02	-34.17	12.60	12.93	-34.50	-13.00	-21.50	H
5639.82	-35.27	13.10	17.11	-39.28	-13.00	-26.28	H
7520.21	-33.19	11.50	22.20	-43.89	-13.00	-30.89	H
3760.02	-34.92	12.60	12.93	-35.25	-13.00	-22.25	V
5639.82	-34.30	13.10	17.11	-38.31	-13.00	-25.31	V
7520.21	-32.65	11.50	22.20	-43.35	-13.00	-30.35	V
The Worst Test Results for Channel 810/1909.8MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3819.47	-33.61	12.60	12.93	-33.94	-13.00	-20.94	H
5729.29	-34.07	13.10	17.11	-38.08	-13.00	-25.08	H
7638.91	-33.39	11.50	22.20	-44.09	-13.00	-31.09	H
3819.47	-35.45	12.60	12.93	-35.78	-13.00	-22.78	V
5729.29	-34.26	13.10	17.11	-38.27	-13.00	-25.27	V
7638.91	-32.42	11.50	22.20	-43.12	-13.00	-30.12	V



GPRS1900: (30-20000)MHz							
The Worst Test Results for Channel 512/1850.2MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3700.40	-33.84	12.60	12.93	-34.17	-13.00	-21.17	H
5550.41	-35.42	13.10	17.11	-39.43	-13.00	-26.43	H
7400.94	-33.01	11.50	22.20	-43.71	-13.00	-30.71	H
3700.40	-35.68	12.60	12.93	-36.01	-13.00	-23.01	V
5550.41	-35.20	13.10	17.11	-39.21	-13.00	-26.21	V
7400.94	-31.85	11.50	22.20	-42.55	-13.00	-29.55	V
The Worst Test Results for Channel 661/1880.0MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3759.88	-33.81	12.60	12.93	-34.14	-13.00	-21.14	H
5640.24	-35.15	13.10	17.11	-39.16	-13.00	-26.16	H
7520.24	-32.72	11.50	22.20	-43.42	-13.00	-30.42	H
3759.88	-34.83	12.60	12.93	-35.16	-13.00	-22.16	V
5640.24	-34.74	13.10	17.11	-38.75	-13.00	-25.75	V
7520.24	-33.12	11.50	22.20	-43.82	-13.00	-30.82	V
The Worst Test Results for Channel 810/1909.8MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3819.45	-34.26	12.60	12.93	-34.59	-13.00	-21.59	H
5729.12	-34.20	13.10	17.11	-38.21	-13.00	-25.21	H
7639.02	-32.29	11.50	22.20	-42.99	-13.00	-29.99	H
3819.45	-35.76	12.60	12.93	-36.09	-13.00	-23.09	V
5729.12	-34.96	13.10	17.11	-38.97	-13.00	-25.97	V
7639.02	-32.96	11.50	22.20	-43.66	-13.00	-30.66	V



EGPRS 1900: (30-20000)MHz							
The Worst Test Results for Channel 512/1850.2MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3700.05	-34.33	12.60	12.93	-34.66	-13.00	-21.66	H
5550.62	-34.57	13.10	17.11	-38.58	-13.00	-25.58	H
7400.62	-32.66	11.50	22.20	-43.36	-13.00	-30.36	H
3700.05	-35.19	12.60	12.93	-35.52	-13.00	-22.52	V
5550.62	-34.58	13.10	17.11	-38.59	-13.00	-25.59	V
7400.62	-33.16	11.50	22.20	-43.86	-13.00	-30.86	V
The Worst Test Results for Channel 661/1880.0MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3760.17	-33.46	12.60	12.93	-33.79	-13.00	-20.79	H
5640.14	-34.27	13.10	17.11	-38.28	-13.00	-25.28	H
7520.00	-33.16	11.50	22.20	-43.86	-13.00	-30.86	H
3760.17	-35.34	12.60	12.93	-35.67	-13.00	-22.67	V
5640.14	-35.05	13.10	17.11	-39.06	-13.00	-26.06	V
7520.00	-31.80	11.50	22.20	-42.50	-13.00	-29.50	V
The Worst Test Results for Channel 810/1909.8MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3819.25	-34.24	12.60	12.93	-34.57	-13.00	-21.57	H
5729.33	-34.40	13.10	17.11	-38.41	-13.00	-25.41	H
7639.24	-32.64	11.50	22.20	-43.34	-13.00	-30.34	H
3819.25	-35.17	12.60	12.93	-35.50	-13.00	-22.50	V
5729.33	-34.39	13.10	17.11	-38.40	-13.00	-25.40	V
7639.24	-32.35	11.50	22.20	-43.05	-13.00	-30.05	V



WCDMA Band 2: (30-20000)MHz							
The Worst Test Results for Channel 9262/1852.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3704.10	-33.58	12.60	12.93	-33.91	-13.00	-20.91	H
5557.67	-35.34	13.10	17.11	-39.35	-13.00	-26.35	H
7409.64	-32.92	11.50	22.20	-43.62	-13.00	-30.62	H
3704.10	-35.34	12.60	12.93	-35.67	-13.00	-22.67	V
5557.67	-34.63	13.10	17.11	-38.64	-13.00	-25.64	V
7409.64	-32.69	11.50	22.20	-43.39	-13.00	-30.39	V
The Worst Test Results for Channel 9400/1880MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3760.07	-34.08	12.60	12.93	-34.41	-13.00	-21.41	H
5639.82	-34.99	13.10	17.11	-39.00	-13.00	-26.00	H
7519.84	-32.60	11.50	22.20	-43.30	-13.00	-30.30	H
3760.07	-34.55	12.60	12.93	-34.88	-13.00	-21.88	V
5639.82	-34.43	13.10	17.11	-38.44	-13.00	-25.44	V
7519.84	-32.31	11.50	22.20	-43.01	-13.00	-30.01	V
The Worst Test Results for Channel 9538/1907.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3815.67	-34.88	12.60	12.93	-35.21	-13.00	-22.21	H
5722.45	-34.52	13.10	17.11	-38.53	-13.00	-25.53	H
7630.28	-33.59	11.50	22.20	-44.29	-13.00	-31.29	H
3815.67	-35.39	12.60	12.93	-35.72	-13.00	-22.72	V
5722.45	-35.02	13.10	17.11	-39.03	-13.00	-26.03	V
7630.28	-32.45	11.50	22.20	-43.15	-13.00	-30.15	V



HSDPA Band 2: (30-20000)MHz							
The Worst Test Results for Channel 9262/1852.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3704.22	-33.86	12.60	12.93	-34.19	-13.00	-21.19	H
5557.61	-34.13	13.10	17.11	-38.14	-13.00	-25.14	H
7409.72	-33.53	11.50	22.20	-44.23	-13.00	-31.23	H
3704.22	-35.74	12.60	12.93	-36.07	-13.00	-23.07	V
5557.61	-33.88	13.10	17.11	-37.89	-13.00	-24.89	V
7409.72	-33.04	11.50	22.20	-43.74	-13.00	-30.74	V
The Worst Test Results for Channel 9400/1880MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3759.92	-33.94	12.60	12.93	-34.27	-13.00	-21.27	H
5639.90	-35.27	13.10	17.11	-39.28	-13.00	-26.28	H
7519.87	-33.54	11.50	22.20	-44.24	-13.00	-31.24	H
3759.92	-35.47	12.60	12.93	-35.80	-13.00	-22.80	V
5639.90	-34.66	13.10	17.11	-38.67	-13.00	-25.67	V
7519.87	-32.29	11.50	22.20	-42.99	-13.00	-29.99	V
The Worst Test Results for Channel 9538/1907.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3815.52	-34.72	12.60	12.93	-35.05	-13.00	-22.05	H
5722.46	-34.71	13.10	17.11	-38.72	-13.00	-25.72	H
7630.34	-33.18	11.50	22.20	-43.88	-13.00	-30.88	H
3815.52	-34.80	12.60	12.93	-35.13	-13.00	-22.13	V
5722.46	-34.19	13.10	17.11	-38.20	-13.00	-25.20	V
7630.34	-31.98	11.50	22.20	-42.68	-13.00	-29.68	V



HSUPA Band 2: (30-20000)MHz							
The Worst Test Results for Channel 9262/1852.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3704.37	-33.61	12.60	12.93	-33.94	-13.00	-20.94	H
5557.48	-34.02	13.10	17.11	-38.03	-13.00	-25.03	H
7409.56	-32.96	11.50	22.20	-43.66	-13.00	-30.66	H
3704.37	-34.91	12.60	12.93	-35.24	-13.00	-22.24	V
5557.48	-35.01	13.10	17.11	-39.02	-13.00	-26.02	V
7409.56	-33.11	11.50	22.20	-43.81	-13.00	-30.81	V
The Worst Test Results for Channel 9400/1880MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3760.17	-34.80	12.60	12.93	-35.13	-13.00	-22.13	H
5640.09	-35.47	13.10	17.11	-39.48	-13.00	-26.48	H
7519.86	-32.99	11.50	22.20	-43.69	-13.00	-30.69	H
3760.17	-34.83	12.60	12.93	-35.16	-13.00	-22.16	V
5640.09	-34.13	13.10	17.11	-38.14	-13.00	-25.14	V
7519.86	-32.74	11.50	22.20	-43.44	-13.00	-30.44	V
The Worst Test Results for Channel 9538/1907.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3815.29	-34.04	12.60	12.93	-34.37	-13.00	-21.37	H
5722.75	-35.07	13.10	17.11	-39.08	-13.00	-26.08	H
7630.20	-33.61	11.50	22.20	-44.31	-13.00	-31.31	H
3815.29	-34.87	12.60	12.93	-35.20	-13.00	-22.20	V
5722.75	-34.65	13.10	17.11	-38.66	-13.00	-25.66	V
7630.20	-32.09	11.50	22.20	-42.79	-13.00	-29.79	V



WCDMA Band 4: (30-18000)MHz							
The Worst Test Results for Channel 1312/1712.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3425.10	-33.77	12.90	12.05	-32.92	-13.00	-19.92	H
5137.01	-34.45	12.80	16.27	-37.92	-13.00	-24.92	H
6849.92	-32.45	12.30	20.13	-40.28	-13.00	-27.28	H
3425.10	-35.07	12.90	12.05	-34.22	-13.00	-21.22	V
5137.01	-34.29	12.80	16.27	-37.76	-13.00	-24.76	V
6849.92	-32.48	12.30	20.13	-40.31	-13.00	-27.31	V
The Worst Test Results for Channel 1450/1740.0MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3479.91	-33.72	12.90	12.05	-32.87	-13.00	-19.87	H
5220.12	-34.53	12.80	16.27	-38.00	-13.00	-25.00	H
6960.03	-33.49	12.30	20.13	-41.32	-13.00	-28.32	H
3479.91	-35.43	12.90	12.05	-34.58	-13.00	-21.58	V
5220.12	-34.86	12.80	16.27	-38.33	-13.00	-25.33	V
6960.03	-32.46	12.30	20.13	-40.29	-13.00	-27.29	V
The Worst Test Results for Channel 1513/1752.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3505.19	-34.76	12.90	12.05	-33.91	-13.00	-20.91	H
5257.69	-34.62	12.80	16.27	-38.09	-13.00	-25.09	H
7010.34	-33.28	12.30	20.13	-41.11	-13.00	-28.11	H
3505.19	-34.96	12.90	12.05	-34.11	-13.00	-21.11	V
5257.69	-34.16	12.80	16.27	-37.63	-13.00	-24.63	V
7010.34	-32.78	12.30	20.13	-40.61	-13.00	-27.61	V



HSDPA Band 4: (30-18000)MHz							
The Worst Test Results for Channel 1312/1712.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3424.79	-33.53	12.90	12.05	-32.68	-13.00	-19.68	H
5137.07	-34.86	12.80	16.27	-38.33	-13.00	-25.33	H
6849.62	-33.02	12.30	20.13	-40.85	-13.00	-27.85	H
3424.79	-34.93	12.90	12.05	-34.08	-13.00	-21.08	V
5137.07	-34.56	12.80	16.27	-38.03	-13.00	-25.03	V
6849.62	-32.47	12.30	20.13	-40.30	-13.00	-27.30	V
The Worst Test Results for Channel 1450/1740.0MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3479.77	-34.94	12.90	12.05	-34.09	-13.00	-21.09	H
5220.11	-34.15	12.80	16.27	-37.62	-13.00	-24.62	H
6959.92	-33.60	12.30	20.13	-41.43	-13.00	-28.43	H
3479.77	-35.73	12.90	12.05	-34.88	-13.00	-21.88	V
5220.11	-33.94	12.80	16.27	-37.41	-13.00	-24.41	V
6959.92	-31.86	12.30	20.13	-39.69	-13.00	-26.69	V
The Worst Test Results for Channel 1513/1752.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3505.44	-34.90	12.90	12.05	-34.05	-13.00	-21.05	H
5257.65	-35.47	12.80	16.27	-38.94	-13.00	-25.94	H
7010.28	-32.35	12.30	20.13	-40.18	-13.00	-27.18	H
3505.44	-34.69	12.90	12.05	-33.84	-13.00	-20.84	V
5257.65	-34.05	12.80	16.27	-37.52	-13.00	-24.52	V
7010.28	-31.84	12.30	20.13	-39.67	-13.00	-26.67	V



HSUPA Band 4: (30-18000)MHz							
The Worst Test Results for Channel 1312/1712.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3424.64	-34.91	12.90	12.05	-34.06	-13.00	-21.06	H
5137.41	-35.45	12.80	16.27	-38.92	-13.00	-25.92	H
6849.89	-33.34	12.30	20.13	-41.17	-13.00	-28.17	H
3424.64	-35.90	12.90	12.05	-35.05	-13.00	-22.05	V
5137.41	-34.33	12.80	16.27	-37.80	-13.00	-24.80	V
6849.89	-32.55	12.30	20.13	-40.38	-13.00	-27.38	V
The Worst Test Results for Channel 1450/1740.0MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3480.19	-34.80	12.90	12.05	-33.95	-13.00	-20.95	H
5219.81	-34.92	12.80	16.27	-38.39	-13.00	-25.39	H
6959.98	-33.25	12.30	20.13	-41.08	-13.00	-28.08	H
3480.19	-35.12	12.90	12.05	-34.27	-13.00	-21.27	V
5219.81	-34.55	12.80	16.27	-38.02	-13.00	-25.02	V
6959.98	-32.44	12.30	20.13	-40.27	-13.00	-27.27	V
The Worst Test Results for Channel 1513/1752.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3505.06	-34.72	12.90	12.05	-33.87	-13.00	-20.87	H
5257.73	-34.03	12.80	16.27	-37.50	-13.00	-24.50	H
7010.57	-32.62	12.30	20.13	-40.45	-13.00	-27.45	H
3505.06	-35.19	12.90	12.05	-34.34	-13.00	-21.34	V
5257.73	-33.87	12.80	16.27	-37.34	-13.00	-24.34	V
7010.57	-31.97	12.30	20.13	-39.80	-13.00	-26.80	V



WCDMA Band 5: (30-9000)MHz							
The worst testresults channel 4132/826.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1652.51	-40.31	9.40	4.75	-35.66	-13.00	-22.66	H
2479.09	-39.67	10.60	8.39	-37.46	-13.00	-24.46	H
3305.54	-30.90	12.00	11.79	-30.69	-13.00	-17.69	H
1652.51	-43.18	9.40	4.75	-38.53	-13.00	-25.53	V
2479.09	-45.32	10.60	8.39	-43.11	-13.00	-30.11	V
3305.54	-43.13	12.00	11.79	-42.92	-13.00	-29.92	V
The Worst Test Results Channel 4182/836.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1672.74	-40.45	9.40	4.75	-35.80	-13.00	-22.80	H
2509.05	-39.51	10.60	8.39	-37.30	-13.00	-24.30	H
3345.65	-30.93	12.00	11.79	-30.72	-13.00	-17.72	H
1672.74	-43.53	9.40	4.75	-38.88	-13.00	-25.88	V
2509.05	-44.54	10.60	8.39	-42.33	-13.00	-29.33	V
3345.65	-42.72	12.00	11.79	-42.51	-13.00	-29.51	V
The Worst Test Results Channel 4233/846.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1693.48	-41.56	9.40	4.75	-36.91	-13.00	-23.91	H
2539.72	-40.17	10.60	8.39	-37.96	-13.00	-24.96	H
3386.28	-32.07	12.00	11.79	-31.86	-13.00	-18.86	H
1693.48	-44.12	9.40	4.75	-39.47	-13.00	-26.47	V
2539.72	-44.50	10.60	8.39	-42.29	-13.00	-29.29	V
3386.28	-43.68	12.00	11.79	-43.47	-13.00	-30.47	V



HSDPA Band 5: (30-9000)MHz							
The worst testresults channel 4132/826.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1652.87	-41.04	9.40	4.75	-36.39	-13.00	-23.39	H
2479.32	-40.07	10.60	8.39	-37.86	-13.00	-24.86	H
3305.88	-32.07	12.00	11.79	-31.86	-13.00	-18.86	H
1652.87	-44.21	9.40	4.75	-39.56	-13.00	-26.56	V
2479.32	-44.14	10.60	8.39	-41.93	-13.00	-28.93	V
3305.88	-43.02	12.00	11.79	-42.81	-13.00	-29.81	V
The Worst Test Results Channel 4182/836.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1672.65	-40.83	9.40	4.75	-36.18	-13.00	-23.18	H
2509.08	-40.22	10.60	8.39	-38.01	-13.00	-25.01	H
3345.42	-32.06	12.00	11.79	-31.85	-13.00	-18.85	H
1672.65	-43.15	9.40	4.75	-38.50	-13.00	-25.50	V
2509.08	-45.37	10.60	8.39	-43.16	-13.00	-30.16	V
3345.42	-43.58	12.00	11.79	-43.37	-13.00	-30.37	V
The Worst Test Results Channel 4233/846.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1693.38	-41.24	9.40	4.75	-36.59	-13.00	-23.59	H
2539.61	-40.30	10.60	8.39	-38.09	-13.00	-25.09	H
3386.47	-31.47	12.00	11.79	-31.26	-13.00	-18.26	H
1693.38	-44.56	9.40	4.75	-39.91	-13.00	-26.91	V
2539.61	-44.36	10.60	8.39	-42.15	-13.00	-29.15	V
3386.47	-43.79	12.00	11.79	-43.58	-13.00	-30.58	V



HSUPA Band 5: (30-9000)MHz							
The worst testresults channel 4132/826.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1652.86	-41.44	9.40	4.75	-36.79	-13.00	-23.79	H
2479.31	-39.42	10.60	8.39	-37.21	-13.00	-24.21	H
3305.94	-32.02	12.00	11.79	-31.81	-13.00	-18.81	H
1652.86	-44.39	9.40	4.75	-39.74	-13.00	-26.74	V
2479.31	-44.45	10.60	8.39	-42.24	-13.00	-29.24	V
3305.94	-43.61	12.00	11.79	-43.40	-13.00	-30.40	V
The Worst Test Results Channel 4182/836.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1672.59	-41.01	9.40	4.75	-36.36	-13.00	-23.36	H
2509.27	-40.25	10.60	8.39	-38.04	-13.00	-25.04	H
3345.72	-31.09	12.00	11.79	-30.88	-13.00	-17.88	H
1672.59	-44.18	9.40	4.75	-39.53	-13.00	-26.53	V
2509.27	-44.48	10.60	8.39	-42.27	-13.00	-29.27	V
3345.72	-42.52	12.00	11.79	-42.31	-13.00	-29.31	V
The Worst Test Results Channel 4233/846.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1693.65	-41.51	9.40	4.75	-36.86	-13.00	-23.86	H
2539.73	-39.33	10.60	8.39	-37.12	-13.00	-24.12	H
3386.45	-32.08	12.00	11.79	-31.87	-13.00	-18.87	H
1693.65	-43.38	9.40	4.75	-38.73	-13.00	-25.73	V
2539.73	-44.77	10.60	8.39	-42.56	-13.00	-29.56	V
3386.45	-42.81	12.00	11.79	-42.60	-13.00	-29.60	V



LTE Band 2 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3701.05	-34.50	12.60	12.93	-34.83	-13.00	-21.83	H
5551.76	-34.88	13.10	17.11	-38.89	-13.00	-25.89	H
7402.66	-33.15	11.50	22.20	-43.85	-13.00	-30.85	H
3701.05	-35.70	12.60	12.93	-36.03	-13.00	-23.03	V
5551.76	-34.68	13.10	17.11	-38.69	-13.00	-25.69	V
7402.66	-31.71	11.50	22.20	-42.41	-13.00	-29.41	V
LTE Band 2 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3759.83	-34.70	12.60	12.93	-35.03	-13.00	-22.03	H
5640.08	-34.09	13.10	17.11	-38.10	-13.00	-25.10	H
7519.82	-32.93	11.50	22.20	-43.63	-13.00	-30.63	H
3759.83	-35.73	12.60	12.93	-36.06	-13.00	-23.06	V
5640.08	-34.04	13.10	17.11	-38.05	-13.00	-25.05	V
7519.82	-31.75	11.50	22.20	-42.45	-13.00	-29.45	V
LTE Band 2 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3818.25	-34.48	12.60	12.93	-34.81	-13.00	-21.81	H
5727.73	-34.46	13.10	17.11	-38.47	-13.00	-25.47	H
7637.05	-32.46	11.50	22.20	-43.16	-13.00	-30.16	H
3818.25	-35.75	12.60	12.93	-36.08	-13.00	-23.08	V
5727.73	-34.82	13.10	17.11	-38.83	-13.00	-25.83	V
7637.05	-32.61	11.50	22.20	-43.31	-13.00	-30.31	V



LTE Band 2 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3702.91	-34.91	12.60	12.93	-35.24	-13.00	-22.24	H
5554.15	-34.33	13.10	17.11	-38.34	-13.00	-25.34	H
7406.00	-32.28	11.50	22.20	-42.98	-13.00	-29.98	H
3702.91	-35.56	12.60	12.93	-35.89	-13.00	-22.89	V
5554.15	-34.28	13.10	17.11	-38.29	-13.00	-25.29	V
7406.00	-32.70	11.50	22.20	-43.40	-13.00	-30.40	V
LTE Band 2 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3760.03	-34.06	12.60	12.93	-34.39	-13.00	-21.39	H
5640.06	-34.29	13.10	17.11	-38.30	-13.00	-25.30	H
7519.93	-33.51	11.50	22.20	-44.21	-13.00	-31.21	H
3760.03	-35.92	12.60	12.93	-36.25	-13.00	-23.25	V
5640.06	-33.79	13.10	17.11	-37.80	-13.00	-24.80	V
7519.93	-32.35	11.50	22.20	-43.05	-13.00	-30.05	V
LTE Band 2 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3816.92	-34.85	12.60	12.93	-35.18	-13.00	-22.18	H
5725.23	-35.09	13.10	17.11	-39.10	-13.00	-26.10	H
7633.98	-32.49	11.50	22.20	-43.19	-13.00	-30.19	H
3816.92	-35.03	12.60	12.93	-35.36	-13.00	-22.36	V
5725.23	-35.18	13.10	17.11	-39.19	-13.00	-26.19	V
7633.98	-32.04	11.50	22.20	-42.74	-13.00	-29.74	V



LTE Band 2 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3705.49	-34.10	12.60	12.93	-34.43	-13.00	-21.43	H
5557.57	-34.08	13.10	17.11	-38.09	-13.00	-25.09	H
7409.81	-33.18	11.50	22.20	-43.88	-13.00	-30.88	H
3705.49	-35.16	12.60	12.93	-35.49	-13.00	-22.49	V
5557.57	-34.05	13.10	17.11	-38.06	-13.00	-25.06	V
7409.81	-32.06	11.50	22.20	-42.76	-13.00	-29.76	V
LTE Band 2 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3760.04	-34.83	12.60	12.93	-35.16	-13.00	-22.16	H
5639.85	-34.09	13.10	17.11	-38.10	-13.00	-25.10	H
7519.88	-33.50	11.50	22.20	-44.20	-13.00	-31.20	H
3760.04	-35.47	12.60	12.93	-35.80	-13.00	-22.80	V
5639.85	-35.12	13.10	17.11	-39.13	-13.00	-26.13	V
7519.88	-32.69	11.50	22.20	-43.39	-13.00	-30.39	V
LTE Band 2 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3815.04	-34.64	12.60	12.93	-34.97	-13.00	-21.97	H
5722.35	-34.24	13.10	17.11	-38.25	-13.00	-25.25	H
7630.26	-32.30	11.50	22.20	-43.00	-13.00	-30.00	H
3815.04	-34.63	12.60	12.93	-34.96	-13.00	-21.96	V
5722.35	-34.46	13.10	17.11	-38.47	-13.00	-25.47	V
7630.26	-32.21	11.50	22.20	-42.91	-13.00	-29.91	V



LTE Band 2 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3710.08	-33.73	12.60	12.93	-34.06	-13.00	-21.06	H
5565.24	-34.14	13.10	17.11	-38.15	-13.00	-25.15	H
7419.93	-32.95	11.50	22.20	-43.65	-13.00	-30.65	H
3710.08	-35.56	12.60	12.93	-35.89	-13.00	-22.89	V
5565.24	-34.63	13.10	17.11	-38.64	-13.00	-25.64	V
7419.93	-32.41	11.50	22.20	-43.11	-13.00	-30.11	V
LTE Band 2 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3759.95	-34.52	12.60	12.93	-34.85	-13.00	-21.85	H
5640.06	-34.07	13.10	17.11	-38.08	-13.00	-25.08	H
7520.10	-33.04	11.50	22.20	-43.74	-13.00	-30.74	H
3759.95	-35.04	12.60	12.93	-35.37	-13.00	-22.37	V
5640.06	-34.72	13.10	17.11	-38.73	-13.00	-25.73	V
7520.10	-32.57	11.50	22.20	-43.27	-13.00	-30.27	V
LTE Band 2 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3810.25	-34.73	12.60	12.93	-35.06	-13.00	-22.06	H
5714.89	-34.08	13.10	17.11	-38.09	-13.00	-25.09	H
7619.86	-32.90	11.50	22.20	-43.60	-13.00	-30.60	H
3810.25	-35.44	12.60	12.93	-35.77	-13.00	-22.77	V
5714.89	-34.08	13.10	17.11	-38.09	-13.00	-25.09	V
7619.86	-32.93	11.50	22.20	-43.63	-13.00	-30.63	V



LTE Band 2 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3714.96	-34.06	12.60	12.93	-34.39	-13.00	-21.39	H
5572.17	-35.21	13.10	17.11	-39.22	-13.00	-26.22	H
7430.61	-32.39	11.50	22.20	-43.09	-13.00	-30.09	H
3714.96	-35.94	12.60	12.93	-36.27	-13.00	-23.27	V
5572.17	-34.82	13.10	17.11	-38.83	-13.00	-25.83	V
7430.61	-32.94	11.50	22.20	-43.64	-13.00	-30.64	V
LTE Band 2 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3760.11	-34.61	12.60	12.93	-34.94	-13.00	-21.94	H
5640.13	-34.66	13.10	17.11	-38.67	-13.00	-25.67	H
7519.85	-32.78	11.50	22.20	-43.48	-13.00	-30.48	H
3760.11	-34.90	12.60	12.93	-35.23	-13.00	-22.23	V
5640.13	-34.70	13.10	17.11	-38.71	-13.00	-25.71	V
7519.85	-33.11	11.50	22.20	-43.81	-13.00	-30.81	V
LTE Band 2 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3805.01	-33.75	12.60	12.93	-34.08	-13.00	-21.08	H
5707.24	-34.16	13.10	17.11	-38.17	-13.00	-25.17	H
7609.97	-32.48	11.50	22.20	-43.18	-13.00	-30.18	H
3805.01	-34.86	12.60	12.93	-35.19	-13.00	-22.19	V
5707.24	-34.92	13.10	17.11	-38.93	-13.00	-25.93	V
7609.97	-32.92	11.50	22.20	-43.62	-13.00	-30.62	V



LTE Band 2 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3720.48	-34.19	12.60	12.93	-34.52	-13.00	-21.52	H
5580.21	-34.04	13.10	17.11	-38.05	-13.00	-25.05	H
7439.77	-33.05	11.50	22.20	-43.75	-13.00	-30.75	H
3720.48	-34.86	12.60	12.93	-35.19	-13.00	-22.19	V
5580.21	-34.21	13.10	17.11	-38.22	-13.00	-25.22	V
7439.77	-32.69	11.50	22.20	-43.39	-13.00	-30.39	V
LTE Band 2 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3759.82	-34.70	12.60	12.93	-35.03	-13.00	-22.03	H
5639.91	-34.19	13.10	17.11	-38.20	-13.00	-25.20	H
7519.83	-33.53	11.50	22.20	-44.23	-13.00	-31.23	H
3759.82	-34.56	12.60	12.93	-34.89	-13.00	-21.89	V
5639.91	-34.67	13.10	17.11	-38.68	-13.00	-25.68	V
7519.83	-33.20	11.50	22.20	-43.90	-13.00	-30.90	V
LTE Band 2 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3800.18	-33.93	12.60	12.93	-34.26	-13.00	-21.26	H
5699.78	-35.40	13.10	17.11	-39.41	-13.00	-26.41	H
7599.96	-32.66	11.50	22.20	-43.36	-13.00	-30.36	H
3800.18	-35.55	12.60	12.93	-35.88	-13.00	-22.88	V
5699.78	-34.51	13.10	17.11	-38.52	-13.00	-25.52	V
7599.96	-32.36	11.50	22.20	-43.06	-13.00	-30.06	V



LTE Band 4 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3421.33	-33.62	12.90	12.56	-33.28	-13.00	-20.28	H
5131.86	-34.28	13.10	16.32	-37.50	-13.00	-24.50	H
6842.75	-33.15	12.33	21.13	-41.95	-13.00	-28.95	H
3421.33	-35.23	12.90	12.56	-34.89	-13.00	-21.89	V
5131.86	-34.62	13.10	16.32	-37.84	-13.00	-24.84	V
6842.75	-32.96	12.33	21.13	-41.76	-13.00	-28.76	V
LTE Band 4 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3464.66	-33.77	12.90	12.56	-33.43	-13.00	-20.43	H
5196.80	-34.48	13.10	16.32	-37.70	-13.00	-24.70	H
6930.01	-32.81	12.33	21.13	-41.61	-13.00	-28.61	H
3464.66	-36.00	12.90	12.56	-35.66	-13.00	-22.66	V
5196.80	-34.31	13.10	16.32	-37.53	-13.00	-24.53	V
6930.01	-31.90	12.33	21.13	-40.70	-13.00	-27.70	V
LTE Band 4 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3508.32	-34.53	12.90	12.56	-34.19	-13.00	-21.19	H
5262.14	-34.42	13.10	16.32	-37.64	-13.00	-24.64	H
7015.73	-32.30	12.33	21.13	-41.10	-13.00	-28.10	H
3508.32	-35.06	12.90	12.56	-34.72	-13.00	-21.72	V
5262.14	-35.13	13.10	16.32	-38.35	-13.00	-25.35	V
7015.73	-32.25	12.33	21.13	-41.05	-13.00	-28.05	V



LTE Band 4 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3423.68	-34.92	12.90	12.56	-34.58	-13.00	-21.58	H
5136.14	-34.38	13.10	16.32	-37.60	-13.00	-24.60	H
6848.71	-33.60	12.33	21.13	-42.40	-13.00	-29.40	H
3423.68	-35.45	12.90	12.56	-35.11	-13.00	-22.11	V
5136.14	-34.89	13.10	16.32	-38.11	-13.00	-25.11	V
6848.71	-31.94	12.33	21.13	-40.74	-13.00	-27.74	V
LTE Band 4 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3464.90	-34.29	12.90	12.56	-33.95	-13.00	-20.95	H
5196.90	-35.16	13.10	16.32	-38.38	-13.00	-25.38	H
6930.09	-32.20	12.33	21.13	-41.00	-13.00	-28.00	H
3464.90	-35.10	12.90	12.56	-34.76	-13.00	-21.76	V
5196.90	-34.46	13.10	16.32	-37.68	-13.00	-24.68	V
6930.09	-32.46	12.33	21.13	-41.26	-13.00	-28.26	V
LTE Band 4 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3506.12	-34.61	12.90	12.56	-34.27	-13.00	-21.27	H
5261.78	-35.46	13.10	16.32	-38.68	-13.00	-25.68	H
7012.80	-33.13	12.33	21.13	-41.93	-13.00	-28.93	H
3506.12	-35.75	12.90	12.56	-35.41	-13.00	-22.41	V
5261.78	-35.07	13.10	16.32	-38.29	-13.00	-25.29	V
7012.80	-32.20	12.33	21.13	-41.00	-13.00	-28.00	V



LTE Band 4 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3424.96	-34.31	12.90	12.56	-33.97	-13.00	-20.97	H
5137.14	-34.29	13.10	16.32	-37.51	-13.00	-24.51	H
6849.81	-32.65	12.33	21.13	-41.45	-13.00	-28.45	H
3424.96	-34.94	12.90	12.56	-34.60	-13.00	-21.60	V
5137.14	-34.15	13.10	16.32	-37.37	-13.00	-24.37	V
6849.81	-33.20	12.33	21.13	-42.00	-13.00	-29.00	V
LTE Band 4 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3464.57	-33.47	12.90	12.56	-33.13	-13.00	-20.13	H
5196.88	-35.17	13.10	16.32	-38.39	-13.00	-25.39	H
6929.61	-32.27	12.33	21.13	-41.07	-13.00	-28.07	H
3464.57	-34.88	12.90	12.56	-34.54	-13.00	-21.54	V
5196.88	-35.13	13.10	16.32	-38.35	-13.00	-25.35	V
6929.61	-32.54	12.33	21.13	-41.34	-13.00	-28.34	V
LTE Band 4 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3505.28	-33.44	12.90	12.56	-33.10	-13.00	-20.10	H
5257.08	-34.87	13.10	16.32	-38.09	-13.00	-25.09	H
7010.12	-32.25	12.33	21.13	-41.05	-13.00	-28.05	H
3505.28	-34.57	12.90	12.56	-34.23	-13.00	-21.23	V
5257.08	-34.20	13.10	16.32	-37.42	-13.00	-24.42	V
7010.12	-31.94	12.33	21.13	-40.74	-13.00	-27.74	V



LTE Band 4 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3430.07	-33.67	12.90	12.56	-33.33	-13.00	-20.33	H
5145.44	-34.64	13.10	16.32	-37.86	-13.00	-24.86	H
6860.58	-32.83	12.33	21.13	-41.63	-13.00	-28.63	H
3430.07	-35.58	12.90	12.56	-35.24	-13.00	-22.24	V
5145.44	-33.88	13.10	16.32	-37.10	-13.00	-24.10	V
6860.58	-32.78	12.33	21.13	-41.58	-13.00	-28.58	V
LTE Band 4 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3464.80	-34.21	12.90	12.56	-33.87	-13.00	-20.87	H
5196.44	-34.05	13.10	16.32	-37.27	-13.00	-24.27	H
6929.75	-33.33	12.33	21.13	-42.13	-13.00	-29.13	H
3464.80	-36.01	12.90	12.56	-35.67	-13.00	-22.67	V
5196.44	-34.24	13.10	16.32	-37.46	-13.00	-24.46	V
6929.75	-32.18	12.33	21.13	-40.98	-13.00	-27.98	V
LTE Band 4 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3500.50	-33.99	12.90	12.56	-33.65	-13.00	-20.65	H
5250.31	-34.49	13.10	16.32	-37.71	-13.00	-24.71	H
6999.92	-32.42	12.33	21.13	-41.22	-13.00	-28.22	H
3500.50	-34.63	12.90	12.56	-34.29	-13.00	-21.29	V
5250.31	-34.57	13.10	16.32	-37.79	-13.00	-24.79	V
6999.92	-32.55	12.33	21.13	-41.35	-13.00	-28.35	V



LTE Band 4 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3434.80	-34.34	12.90	12.56	-34.00	-13.00	-21.00	H
5152.19	-34.86	13.10	16.32	-38.08	-13.00	-25.08	H
6870.61	-33.40	12.33	21.13	-42.20	-13.00	-29.20	H
3434.80	-35.75	12.90	12.56	-35.41	-13.00	-22.41	V
5152.19	-34.82	13.10	16.32	-38.04	-13.00	-25.04	V
6870.61	-32.40	12.33	21.13	-41.20	-13.00	-28.20	V
LTE Band 4 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3464.68	-34.08	12.90	12.56	-33.74	-13.00	-20.74	H
5196.44	-34.31	13.10	16.32	-37.53	-13.00	-24.53	H
6930.18	-32.33	12.33	21.13	-41.13	-13.00	-28.13	H
3464.68	-35.33	12.90	12.56	-34.99	-13.00	-21.99	V
5196.44	-34.90	13.10	16.32	-38.12	-13.00	-25.12	V
6930.18	-33.21	12.33	21.13	-42.01	-13.00	-29.01	V
LTE Band 4 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3495.53	-34.23	12.90	12.56	-33.89	-13.00	-20.89	H
5242.31	-35.46	13.10	16.32	-38.68	-13.00	-25.68	H
6990.07	-32.76	12.33	21.13	-41.56	-13.00	-28.56	H
3495.53	-34.99	12.90	12.56	-34.65	-13.00	-21.65	V
5242.31	-34.30	13.10	16.32	-37.52	-13.00	-24.52	V
6990.07	-32.18	12.33	21.13	-40.98	-13.00	-27.98	V



LTE Band 4 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3439.98	-34.85	12.90	12.56	-34.51	-13.00	-21.51	H
5159.97	-34.85	13.10	16.32	-38.07	-13.00	-25.07	H
6880.60	-33.63	12.33	21.13	-42.43	-13.00	-29.43	H
3439.98	-35.48	12.90	12.56	-35.14	-13.00	-22.14	V
5159.97	-35.14	13.10	16.32	-38.36	-13.00	-25.36	V
6880.60	-32.22	12.33	21.13	-41.02	-13.00	-28.02	V
LTE Band 4 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3464.76	-34.87	12.90	12.56	-34.53	-13.00	-21.53	H
5196.74	-34.47	13.10	16.32	-37.69	-13.00	-24.69	H
6929.77	-33.46	12.33	21.13	-42.26	-13.00	-29.26	H
3464.76	-35.01	12.90	12.56	-34.67	-13.00	-21.67	V
5196.74	-34.57	13.10	16.32	-37.79	-13.00	-24.79	V
6929.77	-32.32	12.33	21.13	-41.12	-13.00	-28.12	V
LTE Band 4 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3490.52	-33.57	12.90	12.56	-33.23	-13.00	-20.23	H
5235.25	-34.01	13.10	16.32	-37.23	-13.00	-24.23	H
6979.60	-33.53	12.33	21.13	-42.33	-13.00	-29.33	H
3490.52	-35.46	12.90	12.56	-35.12	-13.00	-22.12	V
5235.25	-34.52	13.10	16.32	-37.74	-13.00	-24.74	V
6979.60	-33.17	12.33	21.13	-41.97	-13.00	-28.97	V



LTE Band 5 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1648.55	-34.27	9.56	9.72	-34.43	-13.00	-21.43	H
2473.59	-35.32	10.50	10.86	-35.68	-13.00	-22.68	H
3298.66	-33.02	12.78	11.57	-31.81	-13.00	-18.81	H
1648.55	-35.74	9.56	9.72	-35.90	-13.00	-22.90	V
2473.59	-34.13	10.50	10.86	-34.49	-13.00	-21.49	V
3298.66	-33.15	12.78	11.57	-31.94	-13.00	-18.94	V
LTE Band 5 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1672.79	-33.57	9.56	9.72	-33.73	-13.00	-20.73	H
2509.22	-34.12	10.50	10.86	-34.48	-13.00	-21.48	H
3345.67	-33.63	12.78	11.57	-32.42	-13.00	-19.42	H
1672.79	-35.47	9.56	9.72	-35.63	-13.00	-22.63	V
2509.22	-34.73	10.50	10.86	-35.09	-13.00	-22.09	V
3345.67	-32.21	12.78	11.57	-31.00	-13.00	-18.00	V
LTE Band 5 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1696.16	-34.12	9.56	9.72	-34.28	-13.00	-21.28	H
2544.46	-34.50	10.50	10.86	-34.86	-13.00	-21.86	H
3392.86	-32.29	12.78	11.57	-31.08	-13.00	-18.08	H
1696.16	-34.78	9.56	9.72	-34.94	-13.00	-21.94	V
2544.46	-34.55	10.50	10.86	-34.91	-13.00	-21.91	V
3392.86	-32.92	12.78	11.57	-31.71	-13.00	-18.71	V



LTE Band 5 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1650.41	-34.22	9.56	9.72	-34.38	-13.00	-21.38	H
2475.86	-34.30	10.50	10.86	-34.66	-13.00	-21.66	H
3301.32	-32.87	12.78	11.57	-31.66	-13.00	-18.66	H
1650.41	-35.69	9.56	9.72	-35.85	-13.00	-22.85	V
2475.86	-34.63	10.50	10.86	-34.99	-13.00	-21.99	V
3301.32	-32.40	12.78	11.57	-31.19	-13.00	-18.19	V
LTE Band 5 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1672.06	-33.45	9.56	9.72	-33.61	-13.00	-20.61	H
2509.14	-34.98	10.50	10.86	-35.34	-13.00	-22.34	H
3345.52	-33.10	12.78	11.57	-31.89	-13.00	-18.89	H
1672.06	-34.97	9.56	9.72	-35.13	-13.00	-22.13	V
2509.14	-34.60	10.50	10.86	-34.96	-13.00	-21.96	V
3345.52	-32.29	12.78	11.57	-31.08	-13.00	-18.08	V
LTE Band 5 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1694.49	-34.74	9.56	9.72	-34.90	-13.00	-21.90	H
2541.90	-35.43	10.50	10.86	-35.79	-13.00	-22.79	H
3389.46	-32.36	12.78	11.57	-31.15	-13.00	-18.15	H
1694.49	-35.50	9.56	9.72	-35.66	-13.00	-22.66	V
2541.90	-34.32	10.50	10.86	-34.68	-13.00	-21.68	V
3389.46	-33.07	12.78	11.57	-31.86	-13.00	-18.86	V



LTE Band 5 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1652.38	-33.45	9.56	9.72	-33.61	-13.00	-20.61	H
2478.59	-34.80	10.50	10.86	-35.16	-13.00	-22.16	H
3305.80	-33.53	12.78	11.57	-32.32	-13.00	-19.32	H
1652.38	-34.54	9.56	9.72	-34.70	-13.00	-21.70	V
2478.59	-34.52	10.50	10.86	-34.88	-13.00	-21.88	V
3305.80	-32.96	12.78	11.57	-31.75	-13.00	-18.75	V
LTE Band 5 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1672.33	-34.66	9.56	9.72	-34.82	-13.00	-21.82	H
2508.86	-34.66	10.50	10.86	-35.02	-13.00	-22.02	H
3345.23	-33.40	12.78	11.57	-32.19	-13.00	-19.19	H
1672.33	-35.28	9.56	9.72	-35.44	-13.00	-22.44	V
2508.86	-34.27	10.50	10.86	-34.63	-13.00	-21.63	V
3345.23	-31.96	12.78	11.57	-30.75	-13.00	-17.75	V
LTE Band 5 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1692.46	-34.19	9.56	9.72	-34.35	-13.00	-21.35	H
2538.77	-34.39	10.50	10.86	-34.75	-13.00	-21.75	H
3385.82	-32.69	12.78	11.57	-31.48	-13.00	-18.48	H
1692.46	-35.09	9.56	9.72	-35.25	-13.00	-22.25	V
2538.77	-34.24	10.50	10.86	-34.60	-13.00	-21.60	V
3385.82	-33.14	12.78	11.57	-31.93	-13.00	-18.93	V



LTE Band 5 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1657.61	-34.59	9.56	9.72	-34.75	-13.00	-21.75	H
2486.32	-35.12	10.50	10.86	-35.48	-13.00	-22.48	H
3315.46	-32.75	12.78	11.57	-31.54	-13.00	-18.54	H
1657.61	-34.61	9.56	9.72	-34.77	-13.00	-21.77	V
2486.32	-34.20	10.50	10.86	-34.56	-13.00	-21.56	V
3315.46	-31.89	12.78	11.57	-30.68	-13.00	-17.68	V
LTE Band 5 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1672.19	-33.75	9.56	9.72	-33.91	-13.00	-20.91	H
2508.73	-34.18	10.50	10.86	-34.54	-13.00	-21.54	H
3345.17	-33.59	12.78	11.57	-32.38	-13.00	-19.38	H
1672.19	-34.53	9.56	9.72	-34.69	-13.00	-21.69	V
2508.73	-35.17	10.50	10.86	-35.53	-13.00	-22.53	V
3345.17	-32.42	12.78	11.57	-31.21	-13.00	-18.21	V
LTE Band 5 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1687.47	-34.64	9.56	9.72	-34.80	-13.00	-21.80	H
2531.29	-35.44	10.50	10.86	-35.80	-13.00	-22.80	H
3375.74	-32.79	12.78	11.57	-31.58	-13.00	-18.58	H
1687.47	-34.89	9.56	9.72	-35.05	-13.00	-22.05	V
2531.29	-34.87	10.50	10.86	-35.23	-13.00	-22.23	V
3375.74	-31.77	12.78	11.57	-30.56	-13.00	-17.56	V



LTE Band 7 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5005.20	-33.58	12.66	15.86	-36.78	-25.00	-11.78	H
7507.56	-34.35	11.46	19.28	-42.17	-25.00	-17.17	H
10010.17	-32.17	12.79	23.19	-42.57	-25.00	-17.57	H
5005.20	-35.18	12.66	15.86	-38.38	-25.00	-13.38	V
7507.56	-34.97	11.46	19.28	-42.79	-25.00	-17.79	V
10010.17	-33.10	12.79	23.19	-43.50	-25.00	-18.50	V
LTE Band 7 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5069.86	-33.63	12.72	15.86	-36.77	-25.00	-11.77	H
7604.87	-34.67	11.46	19.28	-42.49	-25.00	-17.49	H
10139.78	-32.59	12.09	23.19	-43.69	-25.00	-18.69	H
5069.86	-35.21	12.72	15.86	-38.35	-25.00	-13.35	V
7604.87	-35.17	11.46	19.28	-42.99	-25.00	-17.99	V
10139.78	-32.01	12.09	23.19	-43.11	-25.00	-18.11	V
LTE Band 7 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5133.64	-34.52	12.76	15.86	-37.62	-25.00	-12.62	H
7701.26	-34.10	11.45	19.28	-41.93	-25.00	-16.93	H
10268.38	-32.23	12.28	23.19	-43.14	-25.00	-18.14	H
5133.64	-35.69	12.76	15.86	-38.79	-25.00	-13.79	V
7701.26	-34.25	11.45	19.28	-42.08	-25.00	-17.08	V
10268.38	-32.75	12.28	23.19	-43.66	-25.00	-18.66	V



LTE Band 7 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5010.41	-34.09	12.66	15.86	-37.29	-25.00	-12.29	H
7515.29	-34.44	11.46	19.28	-42.26	-25.00	-17.26	H
10020.73	-32.90	12.79	23.19	-43.30	-25.00	-18.30	H
5010.41	-35.24	12.66	15.86	-38.44	-25.00	-13.44	V
7515.29	-34.90	11.46	19.28	-42.72	-25.00	-17.72	V
10020.73	-32.53	12.79	23.19	-42.93	-25.00	-17.93	V
LTE Band 7 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5069.78	-34.00	12.72	15.86	-37.14	-25.00	-12.14	H
7604.68	-35.32	11.46	19.28	-43.14	-25.00	-18.14	H
10139.75	-33.24	12.09	23.19	-44.34	-25.00	-19.34	H
5069.78	-35.89	12.72	15.86	-39.03	-25.00	-14.03	V
7604.68	-34.22	11.46	19.28	-42.04	-25.00	-17.04	V
10139.75	-32.09	12.09	23.19	-43.19	-25.00	-18.19	V
LTE Band 7 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5128.88	-34.48	12.76	15.86	-37.58	-25.00	-12.58	H
7694.01	-34.53	11.45	19.28	-42.36	-25.00	-17.36	H
10258.88	-33.30	12.28	23.19	-44.21	-25.00	-19.21	H
5128.88	-35.94	12.76	15.86	-39.04	-25.00	-14.04	V
7694.01	-34.37	11.45	19.28	-42.20	-25.00	-17.20	V
10258.88	-32.67	12.28	23.19	-43.58	-25.00	-18.58	V



LTE Band 7 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5015.82	-34.04	12.66	15.86	-37.24	-25.00	-12.24	H
7524.09	-34.05	11.46	19.28	-41.87	-25.00	-16.87	H
10031.69	-32.86	12.79	23.19	-43.26	-25.00	-18.26	H
5015.82	-34.93	12.66	15.86	-38.13	-25.00	-13.13	V
7524.09	-34.15	11.46	19.28	-41.97	-25.00	-16.97	V
10031.69	-32.89	12.79	23.19	-43.29	-25.00	-18.29	V
LTE Band 7 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5070.03	-34.17	12.72	15.86	-37.31	-25.00	-12.31	H
7604.74	-34.85	11.46	19.28	-42.67	-25.00	-17.67	H
10139.90	-32.28	12.09	23.19	-43.38	-25.00	-18.38	H
5070.03	-35.92	12.72	15.86	-39.06	-25.00	-14.06	V
7604.74	-34.12	11.46	19.28	-41.94	-25.00	-16.94	V
10139.90	-32.76	12.09	23.19	-43.86	-25.00	-18.86	V
LTE Band 7 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5123.26	-34.05	12.76	15.86	-37.15	-25.00	-12.15	H
7523.74	-34.16	11.45	19.28	-41.99	-25.00	-16.99	H
10032.01	-33.28	12.28	23.19	-44.19	-25.00	-19.19	H
5123.26	-35.36	12.76	15.86	-38.46	-25.00	-13.46	V
7523.74	-33.80	11.45	19.28	-41.63	-25.00	-16.63	V
10032.01	-31.94	12.28	23.19	-42.85	-25.00	-17.85	V



LTE Band 7 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5021.06	-33.51	12.66	15.86	-36.71	-25.00	-11.71	H
7531.06	-35.20	11.46	19.28	-43.02	-25.00	-18.02	H
10258.73	-32.48	12.79	23.19	-42.88	-25.00	-17.88	H
5021.06	-35.16	12.66	15.86	-38.36	-25.00	-13.36	V
7531.06	-34.58	11.46	19.28	-42.40	-25.00	-17.40	V
10258.73	-32.06	12.79	23.19	-42.46	-25.00	-17.46	V
LTE Band 7 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5069.91	-34.84	12.72	15.86	-37.98	-25.00	-12.98	H
7605.04	-35.41	11.46	19.28	-43.23	-25.00	-18.23	H
10139.66	-33.13	12.09	23.19	-44.23	-25.00	-19.23	H
5069.91	-35.48	12.72	15.86	-38.62	-25.00	-13.62	V
7605.04	-34.99	11.46	19.28	-42.81	-25.00	-17.81	V
10139.66	-32.37	12.09	23.19	-43.47	-25.00	-18.47	V
LTE Band 7 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5118.70	-34.78	12.76	15.86	-37.88	-25.00	-12.88	H
7678.38	-34.99	11.45	19.28	-42.82	-25.00	-17.82	H
10237.62	-33.16	12.28	23.19	-44.07	-25.00	-19.07	H
5118.70	-35.36	12.76	15.86	-38.46	-25.00	-13.46	V
7678.38	-34.00	11.45	19.28	-41.83	-25.00	-16.83	V
10237.62	-32.80	12.28	23.19	-43.71	-25.00	-18.71	V



LTE Band 12 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1399.29	-34.67	8.17	9.34	-35.84	-13.00	-22.84	H
2098.77	-35.09	9.53	10.42	-35.98	-13.00	-22.98	H
2798.46	-33.34	11.27	11.12	-33.19	-13.00	-20.19	H
1399.29	-35.62	8.17	9.34	-36.79	-13.00	-23.79	V
2098.77	-34.26	9.53	10.42	-35.15	-13.00	-22.15	V
2798.46	-32.26	11.27	11.12	-32.11	-13.00	-19.11	V
LTE Band 12 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1414.95	-33.61	8.17	9.34	-34.78	-13.00	-21.78	H
2122.41	-34.36	9.53	10.42	-35.25	-13.00	-22.25	H
2829.97	-32.90	11.27	11.12	-32.75	-13.00	-19.75	H
1414.95	-35.09	8.17	9.34	-36.26	-13.00	-23.26	V
2122.41	-35.09	9.53	10.42	-35.98	-13.00	-22.98	V
2829.97	-32.53	11.27	11.12	-32.38	-13.00	-19.38	V
LTE Band 12 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1430.38	-34.56	8.17	9.34	-35.73	-13.00	-22.73	H
2145.85	-34.97	9.53	10.42	-35.86	-13.00	-22.86	H
2861.14	-33.21	11.27	11.12	-33.06	-13.00	-20.06	H
1430.38	-35.19	8.17	9.34	-36.36	-13.00	-23.36	V
2145.85	-35.24	9.53	10.42	-36.13	-13.00	-23.13	V
2861.14	-31.99	11.27	11.12	-31.84	-13.00	-18.84	V



LTE Band 12 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1400.80	-34.82	8.17	9.34	-35.99	-13.00	-22.99	H
2101.16	-34.45	9.53	10.42	-35.34	-13.00	-22.34	H
2801.53	-33.55	11.27	11.12	-33.40	-13.00	-20.40	H
1400.80	-34.55	8.17	9.34	-35.72	-13.00	-22.72	V
2101.16	-34.83	9.53	10.42	-35.72	-13.00	-22.72	V
2801.53	-32.62	11.27	11.12	-32.47	-13.00	-19.47	V
LTE Band 12 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1414.71	-34.19	8.17	9.34	-35.36	-13.00	-22.36	H
2122.39	-35.20	9.53	10.42	-36.09	-13.00	-23.09	H
2829.65	-32.46	11.27	11.12	-32.31	-13.00	-19.31	H
1414.71	-35.22	8.17	9.34	-36.39	-13.00	-23.39	V
2122.39	-35.24	9.53	10.42	-36.13	-13.00	-23.13	V
2829.65	-32.80	11.27	11.12	-32.65	-13.00	-19.65	V
LTE Band 12 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1428.93	-33.91	8.17	9.34	-35.08	-13.00	-22.08	H
2143.08	-35.13	9.53	10.42	-36.02	-13.00	-23.02	H
2857.53	-32.96	11.27	11.12	-32.81	-13.00	-19.81	H
1428.93	-35.97	8.17	9.34	-37.14	-13.00	-24.14	V
2143.08	-34.97	9.53	10.42	-35.86	-13.00	-22.86	V
2857.53	-32.65	11.27	11.12	-32.50	-13.00	-19.50	V



LTE Band 12 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1402.58	-33.66	8.17	9.34	-34.83	-13.00	-21.83	H
2104.24	-34.43	9.53	10.42	-35.32	-13.00	-22.32	H
2805.94	-32.84	11.27	11.12	-32.69	-13.00	-19.69	H
1402.58	-35.53	8.17	9.34	-36.70	-13.00	-23.70	V
2104.24	-35.12	9.53	10.42	-36.01	-13.00	-23.01	V
2805.94	-32.82	11.27	11.12	-32.67	-13.00	-19.67	V
LTE Band 12 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1414.98	-34.23	8.17	9.34	-35.40	-13.00	-22.40	H
2122.07	-34.14	9.53	10.42	-35.03	-13.00	-22.03	H
2829.75	-33.32	11.27	11.12	-33.17	-13.00	-20.17	H
1414.98	-35.55	8.17	9.34	-36.72	-13.00	-23.72	V
2122.07	-34.61	9.53	10.42	-35.50	-13.00	-22.50	V
2829.75	-32.73	11.27	11.12	-32.58	-13.00	-19.58	V
LTE Band 12 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1426.70	-33.88	8.17	9.34	-35.05	-13.00	-22.05	H
2140.24	-34.61	9.53	10.42	-35.50	-13.00	-22.50	H
2853.72	-33.20	11.27	11.12	-33.05	-13.00	-20.05	H
1426.70	-36.02	8.17	9.34	-37.19	-13.00	-24.19	V
2140.24	-34.65	9.53	10.42	-35.54	-13.00	-22.54	V
2853.72	-32.62	11.27	11.12	-32.47	-13.00	-19.47	V



LTE Band 12 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1407.75	-33.83	8.17	9.34	-35.00	-13.00	-22.00	H
2111.87	-34.58	9.53	10.42	-35.47	-13.00	-22.47	H
2815.73	-32.24	11.27	11.12	-32.09	-13.00	-19.09	H
1407.75	-35.31	8.17	9.34	-36.48	-13.00	-23.48	V
2111.87	-34.36	9.53	10.42	-35.25	-13.00	-22.25	V
2815.73	-31.75	11.27	11.12	-31.60	-13.00	-18.60	V
LTE Band 12 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1414.95	-33.67	8.17	9.34	-34.84	-13.00	-21.84	H
2122.31	-35.38	9.53	10.42	-36.27	-13.00	-23.27	H
2829.81	-32.38	11.27	11.12	-32.23	-13.00	-19.23	H
1414.95	-34.93	8.17	9.34	-36.10	-13.00	-23.10	V
2122.31	-34.60	9.53	10.42	-35.49	-13.00	-22.49	V
2829.81	-32.47	11.27	11.12	-32.32	-13.00	-19.32	V
LTE Band 12 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1421.51	-33.94	8.17	9.34	-35.11	-13.00	-22.11	H
2132.90	-34.76	9.53	10.42	-35.65	-13.00	-22.65	H
2843.66	-32.55	11.27	11.12	-32.40	-13.00	-19.40	H
1421.51	-35.37	8.17	9.34	-36.54	-13.00	-23.54	V
2132.90	-34.19	9.53	10.42	-35.08	-13.00	-22.08	V
2843.66	-32.49	11.27	11.12	-32.34	-13.00	-19.34	V



LTE Band 13 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1559.17	-48.68	9.56	9.72	-48.84	-40.00	-8.84	H
2338.34	-47.01	10.50	10.86	-47.37	-13.00	-34.37	H
3117.84	-45.32	12.78	11.57	-44.11	-13.00	-31.11	H
1559.17	-48.93	9.56	9.72	-49.09	-40.00	-9.09	V
2338.34	-47.27	10.50	10.86	-47.63	-13.00	-34.63	V
3117.84	-46.12	12.78	11.57	-44.91	-13.00	-31.91	V

LTE Band 13 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1564.15	-47.74	9.56	9.72	-47.90	-40.00	-7.90	H
2345.74	-46.69	10.50	10.86	-47.05	-13.00	-34.05	H
3128.12	-45.26	12.78	11.57	-44.05	-13.00	-31.05	H
1564.15	-48.28	9.56	9.72	-48.44	-40.00	-8.44	V
2345.74	-47.48	10.50	10.86	-47.84	-13.00	-34.84	V
3128.12	-45.53	12.78	11.57	-44.32	-13.00	-31.32	V

LTE Band 13 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1568.65	-48.12	9.56	9.72	-48.28	-40.00	-8.28	H
2353.49	-46.33	10.50	10.86	-46.69	-13.00	-33.69	H
3138.30	-46.03	12.78	11.57	-44.82	-13.00	-31.82	H
1568.65	-48.93	9.56	9.72	-49.09	-40.00	-9.09	V
2353.49	-47.30	10.50	10.86	-47.66	-13.00	-34.66	V
3138.30	-46.45	12.78	11.57	-45.24	-13.00	-32.24	V

LTE Band 13 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1564.04	-48.20	9.56	9.72	-48.36	-40.00	-8.36	H
2346.14	-46.38	10.50	10.86	-46.74	-13.00	-33.74	H
3127.85	-45.32	12.78	11.57	-44.11	-13.00	-31.11	H
1564.04	-48.81	9.56	9.72	-48.97	-40.00	-8.97	V
2346.14	-46.55	10.50	10.86	-46.91	-13.00	-33.91	V
3127.85	-46.51	12.78	11.57	-45.30	-13.00	-32.30	V



LTE Band 17 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1413.26	-34.65	8.17	9.34	-35.82	-13.00	-22.82	H
2120.59	-34.85	9.53	10.42	-35.74	-13.00	-22.74	H
2826.55	-33.26	11.27	11.12	-33.11	-13.00	-20.11	H
1413.26	-35.86	8.17	9.34	-37.03	-13.00	-24.03	V
2120.59	-34.23	9.53	10.42	-35.12	-13.00	-22.12	V
2826.55	-32.75	11.27	11.12	-32.60	-13.00	-19.60	V
LTE Band 17 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1420.04	-34.25	8.17	9.34	-35.42	-13.00	-22.42	H
2129.90	-34.11	9.53	10.42	-35.00	-13.00	-22.00	H
2840.13	-32.54	11.27	11.12	-32.39	-13.00	-19.39	H
1420.04	-34.72	8.17	9.34	-35.89	-13.00	-22.89	V
2129.90	-34.46	9.53	10.42	-35.35	-13.00	-22.35	V
2840.13	-32.32	11.27	11.12	-32.17	-13.00	-19.17	V
LTE Band 17 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1426.05	-34.74	8.17	9.34	-35.91	-13.00	-22.91	H
2139.32	-34.51	9.53	10.42	-35.40	-13.00	-22.40	H
2852.43	-32.65	11.27	11.12	-32.50	-13.00	-19.50	H
1426.05	-35.45	8.17	9.34	-36.62	-13.00	-23.62	V
2139.32	-34.42	9.53	10.42	-35.31	-13.00	-22.31	V
2852.43	-31.75	11.27	11.12	-31.60	-13.00	-18.60	V



LTE Band 17 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1418.33	-34.18	8.17	9.34	-35.35	-13.00	-22.35	H
2127.32	-35.44	9.53	10.42	-36.33	-13.00	-23.33	H
2836.51	-32.46	11.27	11.12	-32.31	-13.00	-19.31	H
1418.33	-35.44	8.17	9.34	-36.61	-13.00	-23.61	V
2127.32	-34.02	9.53	10.42	-34.91	-13.00	-21.91	V
2836.51	-32.77	11.27	11.12	-32.62	-13.00	-19.62	V
LTE Band 17 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1419.94	-34.55	8.17	9.34	-35.72	-13.00	-22.72	H
2130.07	-34.00	9.53	10.42	-34.89	-13.00	-21.89	H
2840.13	-33.63	11.27	11.12	-33.48	-13.00	-20.48	H
1419.94	-35.09	8.17	9.34	-36.26	-13.00	-23.26	V
2130.07	-34.18	9.53	10.42	-35.07	-13.00	-22.07	V
2840.13	-32.78	11.27	11.12	-32.63	-13.00	-19.63	V
LTE Band 17 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1421.32	-34.15	8.17	9.34	-35.32	-13.00	-22.32	H
2131.99	-34.06	9.53	10.42	-34.95	-13.00	-21.95	H
2842.37	-32.22	11.27	11.12	-32.07	-13.00	-19.07	H
1421.32	-34.78	8.17	9.34	-35.95	-13.00	-22.95	V
2131.99	-34.37	9.53	10.42	-35.26	-13.00	-22.26	V
2842.37	-32.62	11.27	11.12	-32.47	-13.00	-19.47	V



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LTE Band 26 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1649.11	-33.97	9.56	9.72	-34.13	-13.00	-21.13	H
2473.33	-34.53	10.50	10.86	-34.89	-13.00	-21.89	H
3298.78	-33.11	12.78	11.57	-31.90	-13.00	-18.90	H
1649.11	-34.81	9.56	9.72	-34.97	-13.00	-21.97	V
2473.33	-34.52	10.50	10.86	-34.88	-13.00	-21.88	V
3298.78	-32.45	12.78	11.57	-31.24	-13.00	-18.24	V
LTE Band 26 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1672.95	-33.80	9.56	9.72	-33.96	-13.00	-20.96	H
2508.80	-35.02	10.50	10.86	-35.38	-13.00	-22.38	H
3345.86	-32.83	12.78	11.57	-31.62	-13.00	-18.62	H
1672.95	-35.79	9.56	9.72	-35.95	-13.00	-22.95	V
2508.80	-34.16	10.50	10.86	-34.52	-13.00	-21.52	V
3345.86	-33.03	12.78	11.57	-31.82	-13.00	-18.82	V
LTE Band 26 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1696.36	-33.76	9.56	9.72	-33.92	-13.00	-20.92	H
2544.66	-34.81	10.50	10.86	-35.17	-13.00	-22.17	H
3393.19	-33.46	12.78	11.57	-32.25	-13.00	-19.25	H
1696.36	-35.28	9.56	9.72	-35.44	-13.00	-22.44	V
2544.66	-34.69	10.50	10.86	-35.05	-13.00	-22.05	V
3393.19	-32.26	12.78	11.57	-31.05	-13.00	-18.05	V



LTE Band 26 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1651.11	-34.29	9.56	9.72	-34.45	-13.00	-21.45	H
2476.52	-35.34	10.50	10.86	-35.70	-13.00	-22.70	H
3301.63	-33.52	12.78	11.57	-32.31	-13.00	-19.31	H
1651.11	-35.33	9.56	9.72	-35.49	-13.00	-22.49	V
2476.52	-34.95	10.50	10.86	-35.31	-13.00	-22.31	V
3301.63	-33.20	12.78	11.57	-31.99	-13.00	-18.99	V
LTE Band 26 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1673.14	-33.82	9.56	9.72	-33.98	-13.00	-20.98	H
2509.05	-35.29	10.50	10.86	-35.65	-13.00	-22.65	H
3346.19	-33.18	12.78	11.57	-31.97	-13.00	-18.97	H
1673.14	-35.85	9.56	9.72	-36.01	-13.00	-23.01	V
2509.05	-34.67	10.50	10.86	-35.03	-13.00	-22.03	V
3346.19	-32.70	12.78	11.57	-31.49	-13.00	-18.49	V
LTE Band 26 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1695.37	-33.47	9.56	9.72	-33.63	-13.00	-20.63	H
2542.20	-34.13	10.50	10.86	-34.49	-13.00	-21.49	H
3390.06	-32.76	12.78	11.57	-31.55	-13.00	-18.55	H
1695.37	-34.68	9.56	9.72	-34.84	-13.00	-21.84	V
2542.20	-34.56	10.50	10.86	-34.92	-13.00	-21.92	V
3390.06	-31.78	12.78	11.57	-30.57	-13.00	-17.57	V



LTE Band 26 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1652.93	-34.29	9.56	9.72	-34.45	-13.00	-21.45	H
2479.53	-34.69	10.50	10.86	-35.05	-13.00	-22.05	H
3306.48	-33.47	12.78	11.57	-32.26	-13.00	-19.26	H
1652.93	-34.92	9.56	9.72	-35.08	-13.00	-22.08	V
2479.53	-33.80	10.50	10.86	-34.16	-13.00	-21.16	V
3306.48	-31.90	12.78	11.57	-30.69	-13.00	-17.69	V
LTE Band 26 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1673.06	-34.02	9.56	9.72	-34.18	-13.00	-21.18	H
2509.02	-34.69	10.50	10.86	-35.05	-13.00	-22.05	H
3346.05	-32.53	12.78	11.57	-31.32	-13.00	-18.32	H
1673.06	-34.97	9.56	9.72	-35.13	-13.00	-22.13	V
2509.02	-35.20	10.50	10.86	-35.56	-13.00	-22.56	V
3346.05	-33.08	12.78	11.57	-31.87	-13.00	-18.87	V
LTE Band 26 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1693.76	-33.80	9.56	9.72	-33.96	-13.00	-20.96	H
2539.25	-35.13	10.50	10.86	-35.49	-13.00	-22.49	H
3386.12	-32.20	12.78	11.57	-30.99	-13.00	-17.99	H
1693.76	-34.57	9.56	9.72	-34.73	-13.00	-21.73	V
2539.25	-33.91	10.50	10.86	-34.27	-13.00	-21.27	V
3386.12	-32.38	12.78	11.57	-31.17	-13.00	-18.17	V



LTE Band 26 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1658.10	-33.97	9.56	9.72	-34.13	-13.00	-21.13	H
2486.57	-34.33	10.50	10.86	-34.69	-13.00	-21.69	H
3315.81	-32.35	12.78	11.57	-31.14	-13.00	-18.14	H
1658.10	-34.64	9.56	9.72	-34.80	-13.00	-21.80	V
2486.57	-34.84	10.50	10.86	-35.20	-13.00	-22.20	V
3315.81	-32.78	12.78	11.57	-31.57	-13.00	-18.57	V
LTE Band 26 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1673.00	-34.60	9.56	9.72	-34.76	-13.00	-21.76	H
2508.92	-35.49	10.50	10.86	-35.85	-13.00	-22.85	H
3345.95	-33.34	12.78	11.57	-32.13	-13.00	-19.13	H
1673.00	-35.66	9.56	9.72	-35.82	-13.00	-22.82	V
2508.92	-33.99	10.50	10.86	-34.35	-13.00	-21.35	V
3345.95	-32.75	12.78	11.57	-31.54	-13.00	-18.54	V
LTE Band 26 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1688.57	-33.99	9.56	9.72	-34.15	-13.00	-21.15	H
2532.50	-34.70	10.50	10.86	-35.06	-13.00	-22.06	H
3376.19	-33.64	12.78	11.57	-32.43	-13.00	-19.43	H
1688.57	-35.20	9.56	9.72	-35.36	-13.00	-22.36	V
2532.50	-34.83	10.50	10.86	-35.19	-13.00	-22.19	V
3376.19	-32.83	12.78	11.57	-31.62	-13.00	-18.62	V



LTE Band 26 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1663.04	-34.86	9.56	9.72	-35.02	-13.00	-22.02	H
2494.51	-34.45	10.50	10.86	-34.81	-13.00	-21.81	H
3325.80	-32.65	12.78	11.57	-31.44	-13.00	-18.44	H
1663.04	-35.68	9.56	9.72	-35.84	-13.00	-22.84	V
2494.51	-35.02	10.50	10.86	-35.38	-13.00	-22.38	V
3325.80	-32.48	12.78	11.57	-31.27	-13.00	-18.27	V
LTE Band 26 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1673.21	-34.94	9.56	9.72	-35.10	-13.00	-22.10	H
2509.07	-35.04	10.50	10.86	-35.40	-13.00	-22.40	H
3346.14	-33.35	12.78	11.57	-32.14	-13.00	-19.14	H
1673.21	-35.92	9.56	9.72	-36.08	-13.00	-23.08	V
2509.07	-34.48	10.50	10.86	-34.84	-13.00	-21.84	V
3346.14	-31.78	12.78	11.57	-30.57	-13.00	-17.57	V
LTE Band 26 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1683.73	-33.66	9.56	9.72	-33.82	-13.00	-20.82	H
2524.10	-34.67	10.50	10.86	-35.03	-13.00	-22.03	H
3366.29	-32.41	12.78	11.57	-31.20	-13.00	-18.20	H
1683.73	-35.09	9.56	9.72	-35.25	-13.00	-22.25	V
2524.10	-34.68	10.50	10.86	-35.04	-13.00	-22.04	V
3366.29	-32.65	12.78	11.57	-31.44	-13.00	-18.44	V



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LTE Band 26 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1629.24	-33.82	9.56	9.72	-33.98	-13.00	-20.98	H
2444.47	-34.62	10.50	10.86	-34.98	-13.00	-21.98	H
3258.58	-32.55	12.78	11.57	-31.34	-13.00	-18.34	H
1629.24	-35.99	9.56	9.72	-36.15	-13.00	-23.15	V
2444.47	-33.85	10.50	10.86	-34.21	-13.00	-21.21	V
3258.58	-33.16	12.78	11.57	-31.95	-13.00	-18.95	V
LTE Band 26 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1638.16	-34.78	9.56	9.72	-34.94	-13.00	-21.94	H
2457.08	-35.16	10.50	10.86	-35.52	-13.00	-22.52	H
3276.09	-33.30	12.78	11.57	-32.09	-13.00	-19.09	H
1638.16	-35.44	9.56	9.72	-35.60	-13.00	-22.60	V
2457.08	-35.02	10.50	10.86	-35.38	-13.00	-22.38	V
3276.09	-31.82	12.78	11.57	-30.61	-13.00	-17.61	V
LTE Band 26 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1646.56	-34.17	9.56	9.72	-34.33	-13.00	-21.33	H
2469.65	-33.99	10.50	10.86	-34.35	-13.00	-21.35	H
3292.92	-33.10	12.78	11.57	-31.89	-13.00	-18.89	H
1646.56	-35.81	9.56	9.72	-35.97	-13.00	-22.97	V
2469.65	-34.70	10.50	10.86	-35.06	-13.00	-22.06	V
3292.92	-32.45	12.78	11.57	-31.24	-13.00	-18.24	V



LTE Band 26 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1631.01	-33.85	9.56	9.72	-34.01	-13.00	-21.01	H
2446.27	-34.43	10.50	10.86	-34.79	-13.00	-21.79	H
3261.97	-32.40	12.78	11.57	-31.19	-13.00	-18.19	H
1631.01	-34.86	9.56	9.72	-35.02	-13.00	-22.02	V
2446.27	-33.99	10.50	10.86	-34.35	-13.00	-21.35	V
3261.97	-32.31	12.78	11.57	-31.10	-13.00	-18.10	V
LTE Band 26 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1638.18	-34.38	9.56	9.72	-34.54	-13.00	-21.54	H
2457.28	-34.96	10.50	10.86	-35.32	-13.00	-22.32	H
3275.98	-32.59	12.78	11.57	-31.38	-13.00	-18.38	H
1638.18	-34.67	9.56	9.72	-34.83	-13.00	-21.83	V
2457.28	-34.59	10.50	10.86	-34.95	-13.00	-21.95	V
3275.98	-32.12	12.78	11.57	-30.91	-13.00	-17.91	V
LTE Band 26 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1644.93	-34.62	9.56	9.72	-34.78	-13.00	-21.78	H
2467.43	-34.51	10.50	10.86	-34.87	-13.00	-21.87	H
3289.92	-33.20	12.78	11.57	-31.99	-13.00	-18.99	H
1644.93	-35.68	9.56	9.72	-35.84	-13.00	-22.84	V
2467.43	-34.16	10.50	10.86	-34.52	-13.00	-21.52	V
3289.92	-33.15	12.78	11.57	-31.94	-13.00	-18.94	V



LTE Band 26 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1632.91	-34.22	9.56	9.72	-34.38	-13.00	-21.38	H
2449.16	-35.42	10.50	10.86	-35.78	-13.00	-22.78	H
3265.92	-32.18	12.78	11.57	-30.97	-13.00	-17.97	H
1632.91	-35.92	9.56	9.72	-36.08	-13.00	-23.08	V
2449.16	-35.06	10.50	10.86	-35.42	-13.00	-22.42	V
3265.92	-32.02	12.78	11.57	-30.81	-13.00	-17.81	V

LTE Band 26 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1643.25	-34.27	9.56	9.72	-34.43	-13.00	-21.43	H
2463.87	-34.95	10.50	10.86	-35.31	-13.00	-22.31	H
3286.10	-33.27	12.78	11.57	-32.06	-13.00	-19.06	H
1643.25	-34.69	9.56	9.72	-34.85	-13.00	-21.85	V
2463.87	-34.21	10.50	10.86	-34.57	-13.00	-21.57	V
3286.10	-33.18	12.78	11.57	-31.97	-13.00	-18.97	V

LTE Band 26 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1693.64	-34.66	9.56	9.72	-34.82	-13.00	-21.82	H
2539.18	-34.40	10.50	10.86	-34.76	-13.00	-21.76	H
3385.84	-32.95	12.78	11.57	-31.74	-13.00	-18.74	H
1693.64	-34.66	9.56	9.72	-34.82	-13.00	-21.82	V
2539.18	-34.25	10.50	10.86	-34.61	-13.00	-21.61	V
3385.84	-33.16	12.78	11.57	-31.95	-13.00	-18.95	V

LTE Band 26 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1638.10	-33.87	9.56	9.72	-34.03	-13.00	-21.03	H
2457.06	-34.89	10.50	10.86	-35.25	-13.00	-22.25	H
3276.20	-32.66	12.78	11.57	-31.45	-13.00	-18.45	H
1638.10	-34.71	9.56	9.72	-34.87	-13.00	-21.87	V
2457.06	-34.80	10.50	10.86	-35.16	-13.00	-22.16	V
3276.20	-33.17	12.78	11.57	-31.96	-13.00	-18.96	V



LTE Band 41 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5065.02	-33.69	12.66	15.86	-36.89	-25.00	-11.89	H
7597.63	-34.49	11.46	19.28	-42.31	-25.00	-17.31	H
10130.16	-33.28	12.79	23.19	-43.68	-25.00	-18.68	H
5065.02	-34.85	12.66	15.86	-38.05	-25.00	-13.05	V
7597.63	-34.34	11.46	19.28	-42.16	-25.00	-17.16	V
10130.16	-32.95	12.79	23.19	-43.35	-25.00	-18.35	V
LTE Band 41 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5190.27	-34.59	12.72	15.86	-37.73	-25.00	-12.73	H
7785.09	-34.88	11.46	19.28	-42.70	-25.00	-17.70	H
10379.94	-33.21	12.09	23.19	-44.31	-25.00	-19.31	H
5190.27	-35.07	12.72	15.86	-38.21	-25.00	-13.21	V
7785.09	-34.62	11.46	19.28	-42.44	-25.00	-17.44	V
10379.94	-32.52	12.09	23.19	-43.62	-25.00	-18.62	V
LTE Band 41 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5305.21	-33.66	12.76	15.86	-36.76	-25.00	-11.76	H
7957.70	-34.11	11.45	19.28	-41.94	-25.00	-16.94	H
10610.02	-32.79	12.28	23.19	-43.70	-25.00	-18.70	H
5305.21	-35.73	12.76	15.86	-38.83	-25.00	-13.83	V
7957.70	-34.52	11.45	19.28	-42.35	-25.00	-17.35	V
10610.02	-32.93	12.28	23.19	-43.84	-25.00	-18.84	V



LTE Band 41 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5060.15	-34.37	12.66	15.86	-37.57	-25.00	-12.57	H
7589.83	-34.16	11.46	19.28	-41.98	-25.00	-16.98	H
10119.96	-32.17	12.79	23.19	-42.57	-25.00	-17.57	H
5060.15	-34.95	12.66	15.86	-38.15	-25.00	-13.15	V
7589.83	-33.95	11.46	19.28	-41.77	-25.00	-16.77	V
10119.96	-33.07	12.79	23.19	-43.47	-25.00	-18.47	V
LTE Band 41 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5189.99	-33.74	12.72	15.86	-36.88	-25.00	-11.88	H
7784.97	-35.11	11.46	19.28	-42.93	-25.00	-17.93	H
10380.06	-32.52	12.09	23.19	-43.62	-25.00	-18.62	H
5189.99	-35.24	12.72	15.86	-38.38	-25.00	-13.38	V
7784.97	-34.86	11.46	19.28	-42.68	-25.00	-17.68	V
10380.06	-32.34	12.09	23.19	-43.44	-25.00	-18.44	V
LTE Band 41 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5300.33	-34.59	12.76	15.86	-37.69	-25.00	-12.69	H
7949.83	-34.88	11.45	19.28	-42.71	-25.00	-17.71	H
10599.74	-33.59	12.28	23.19	-44.50	-25.00	-19.50	H
5300.33	-35.55	12.76	15.86	-38.65	-25.00	-13.65	V
7949.83	-34.71	11.45	19.28	-42.54	-25.00	-17.54	V
10599.74	-32.88	12.28	23.19	-43.79	-25.00	-18.79	V



LTE Band 41 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5055.05	-34.31	12.66	15.86	-37.51	-25.00	-12.51	H
7582.46	-34.86	11.46	19.28	-42.68	-25.00	-17.68	H
10110.37	-33.35	12.79	23.19	-43.75	-25.00	-18.75	H
5055.05	-35.89	12.66	15.86	-39.09	-25.00	-14.09	V
7582.46	-34.04	11.46	19.28	-41.86	-25.00	-16.86	V
0	-32.73	12.79	23.19	-43.13	-25.00	-18.13	V
LTE Band 41 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5189.99	-33.84	12.72	15.86	-36.98	-25.00	-11.98	H
7785.21	-34.43	11.46	19.28	-42.25	-25.00	-17.25	H
10380.22	-32.38	12.09	23.19	-43.48	-25.00	-18.48	H
5189.99	-35.11	12.72	15.86	-38.25	-25.00	-13.25	V
7785.21	-34.89	11.46	19.28	-42.71	-25.00	-17.71	V
10380.22	-32.55	12.09	23.19	-43.65	-25.00	-18.65	V
LTE Band 41 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5297.89	-33.86	12.76	15.86	-36.96	-25.00	-11.96	H
7942.40	-34.23	11.45	19.28	-42.06	-25.00	-17.06	H
10590.17	-32.68	12.28	23.19	-43.59	-25.00	-18.59	H
5297.89	-35.25	12.76	15.86	-38.35	-25.00	-13.35	V
7942.40	-35.21	11.45	19.28	-43.04	-25.00	-18.04	V
10590.17	-32.06	12.28	23.19	-42.97	-25.00	-17.97	V



LTE Band 41 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5050.09	-33.74	12.66	15.86	-36.94	-25.00	-11.94	H
7575.12	-35.00	11.46	19.28	-42.82	-25.00	-17.82	H
10100.17	-33.09	12.79	23.19	-43.49	-25.00	-18.49	H
5050.09	-35.53	12.66	15.86	-38.73	-25.00	-13.73	V
7575.12	-35.07	11.46	19.28	-42.89	-25.00	-17.89	V
10100.17	-32.31	12.79	23.19	-42.71	-25.00	-17.71	V
LTE Band 41 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5190.13	-34.82	12.72	15.86	-37.96	-25.00	-12.96	H
7785.02	-35.08	11.46	19.28	-42.90	-25.00	-17.90	H
10380.09	-33.34	12.09	23.19	-44.44	-25.00	-19.44	H
5190.13	-35.00	12.72	15.86	-38.14	-25.00	-13.14	V
7785.02	-34.00	11.46	19.28	-41.82	-25.00	-16.82	V
10380.09	-32.69	12.09	23.19	-43.79	-25.00	-18.79	V
LTE Band 41 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5290.26	-33.78	12.76	15.86	-36.88	-25.00	-11.88	H
7935.20	-34.68	11.45	19.28	-42.51	-25.00	-17.51	H
10579.82	-33.13	12.28	23.19	-44.04	-25.00	-19.04	H
5290.26	-35.66	12.76	15.86	-38.76	-25.00	-13.76	V
7935.20	-34.05	11.45	19.28	-41.88	-25.00	-16.88	V
10579.82	-32.12	12.28	23.19	-43.03	-25.00	-18.03	V



LTE Band 66 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3421.44	-34.29	12.90	12.56	-33.95	-13.00	-20.95	H
5131.76	-35.14	13.10	16.32	-38.36	-13.00	-25.36	H
6842.71	-32.57	12.33	21.13	-41.37	-13.00	-28.37	H
3421.44	-35.96	12.90	12.56	-35.62	-13.00	-22.62	V
5131.76	-34.90	13.10	16.32	-38.12	-13.00	-25.12	V
6842.71	-32.59	12.33	21.13	-41.39	-13.00	-28.39	V
LTE Band 66 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3489.84	-34.34	12.90	12.56	-34.00	-13.00	-21.00	H
5235.18	-34.73	13.10	16.32	-37.95	-13.00	-24.95	H
6979.98	-33.52	12.33	21.13	-42.32	-13.00	-29.32	H
3489.84	-34.57	12.90	12.56	-34.23	-13.00	-21.23	V
5235.18	-33.94	13.10	16.32	-37.16	-13.00	-24.16	V
6979.98	-32.89	12.33	21.13	-41.69	-13.00	-28.69	V
LTE Band 66 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3557.79	-33.70	12.90	12.56	-33.36	-13.00	-20.36	H
5336.97	-34.87	13.10	16.32	-38.09	-13.00	-25.09	H
7116.89	-32.86	12.33	21.13	-41.66	-13.00	-28.66	H
3557.79	-35.42	12.90	12.56	-35.08	-13.00	-22.08	V
5336.97	-34.20	13.10	16.32	-37.42	-13.00	-24.42	V
7116.89	-32.22	12.33	21.13	-41.02	-13.00	-28.02	V



LTE Band 66 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3423.17	-34.37	12.90	12.56	-34.03	-13.00	-21.03	H
5134.44	-34.52	13.10	16.32	-37.74	-13.00	-24.74	H
6846.06	-32.88	12.33	21.13	-41.68	-13.00	-28.68	H
3423.17	-35.82	12.90	12.56	-35.48	-13.00	-22.48	V
5134.44	-33.90	13.10	16.32	-37.12	-13.00	-24.12	V
6846.06	-31.86	12.33	21.13	-40.66	-13.00	-27.66	V
LTE Band 66 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3489.83	-34.04	12.90	12.56	-33.70	-13.00	-20.70	H
5235.04	-34.60	13.10	16.32	-37.82	-13.00	-24.82	H
6980.25	-33.13	12.33	21.13	-41.93	-13.00	-28.93	H
3489.83	-35.12	12.90	12.56	-34.78	-13.00	-21.78	V
5235.04	-34.38	13.10	16.32	-37.60	-13.00	-24.60	V
6980.25	-32.26	12.33	21.13	-41.06	-13.00	-28.06	V
LTE Band 66 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3556.94	-34.81	12.90	12.56	-34.47	-13.00	-21.47	H
5262.07	-35.02	13.10	16.32	-38.24	-13.00	-25.24	H
7113.85	-32.45	12.33	21.13	-41.25	-13.00	-28.25	H
3556.94	-35.51	12.90	12.56	-35.17	-13.00	-22.17	V
5262.07	-34.15	13.10	16.32	-37.37	-13.00	-24.37	V
7113.85	-32.75	12.33	21.13	-41.55	-13.00	-28.55	V



LTE Band 66 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3425.21	-34.28	12.90	12.56	-33.94	-13.00	-20.94	H
5137.26	-35.37	13.10	16.32	-38.59	-13.00	-25.59	H
6850.24	-33.40	12.33	21.13	-42.20	-13.00	-29.20	H
3425.21	-35.34	12.90	12.56	-35.00	-13.00	-22.00	V
5137.26	-35.17	13.10	16.32	-38.39	-13.00	-25.39	V
6850.24	-32.45	12.33	21.13	-41.25	-13.00	-28.25	V
LTE Band 66 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3490.07	-34.44	12.90	12.56	-34.10	-13.00	-21.10	H
5235.29	-35.21	13.10	16.32	-38.43	-13.00	-25.43	H
6980.12	-32.91	12.33	21.13	-41.71	-13.00	-28.71	H
3490.07	-34.85	12.90	12.56	-34.51	-13.00	-21.51	V
5235.29	-34.30	13.10	16.32	-37.52	-13.00	-24.52	V
6980.12	-32.32	12.33	21.13	-41.12	-13.00	-28.12	V
LTE Band 66 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3558.20	-33.65	12.90	12.56	-33.31	-13.00	-20.31	H
5234.90	-34.10	13.10	16.32	-37.32	-13.00	-24.32	H
7109.79	-32.64	12.33	21.13	-41.44	-13.00	-28.44	H
3558.20	-34.66	12.90	12.56	-34.32	-13.00	-21.32	V
5234.90	-34.20	13.10	16.32	-37.42	-13.00	-24.42	V
7109.79	-32.00	12.33	21.13	-40.80	-13.00	-27.80	V



LTE Band 66 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3430.09	-33.54	12.90	12.56	-33.20	-13.00	-20.20	H
5145.25	-35.31	13.10	16.32	-38.53	-13.00	-25.53	H
6880.01	-33.13	12.33	21.13	-41.93	-13.00	-28.93	H
3430.09	-35.70	12.90	12.56	-35.36	-13.00	-22.36	V
5145.25	-33.88	13.10	16.32	-37.10	-13.00	-24.10	V
6880.01	-33.17	12.33	21.13	-41.97	-13.00	-28.97	V
LTE Band 66 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3490.21	-34.91	12.90	12.56	-34.57	-13.00	-21.57	H
5235.01	-34.48	13.10	16.32	-37.70	-13.00	-24.70	H
6979.91	-32.18	12.33	21.13	-40.98	-13.00	-27.98	H
3490.21	-34.56	12.90	12.56	-34.22	-13.00	-21.22	V
5235.01	-34.55	13.10	16.32	-37.77	-13.00	-24.77	V
6979.91	-32.62	12.33	21.13	-41.42	-13.00	-28.42	V
LTE Band 66 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3550.51	-34.76	12.90	12.56	-34.42	-13.00	-21.42	H
5235.41	-34.26	13.10	16.32	-37.48	-13.00	-24.48	H
7100.13	-32.67	12.33	21.13	-41.47	-13.00	-28.47	H
3550.51	-35.06	12.90	12.56	-34.72	-13.00	-21.72	V
5235.41	-34.57	13.10	16.32	-37.79	-13.00	-24.79	V
7100.13	-32.71	12.33	21.13	-41.51	-13.00	-28.51	V



LTE Band 66 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3435.07	-33.76	12.90	12.56	-33.42	-13.00	-20.42	H
5152.56	-34.62	13.10	16.32	-37.84	-13.00	-24.84	H
6870.07	-32.70	12.33	21.13	-41.50	-13.00	-28.50	H
3435.07	-35.28	12.90	12.56	-34.94	-13.00	-21.94	V
5152.56	-33.82	13.10	16.32	-37.04	-13.00	-24.04	V
6870.07	-32.33	12.33	21.13	-41.13	-13.00	-28.13	V
LTE Band 66 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3490.21	-33.96	12.90	12.56	-33.62	-13.00	-20.62	H
5235.14	-35.13	13.10	16.32	-38.35	-13.00	-25.35	H
6979.98	-33.02	12.33	21.13	-41.82	-13.00	-28.82	H
3490.21	-35.34	12.90	12.56	-35.00	-13.00	-22.00	V
5235.14	-34.71	13.10	16.32	-37.93	-13.00	-24.93	V
6979.98	-32.96	12.33	21.13	-41.76	-13.00	-28.76	V
LTE Band 66 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3545.22	-34.02	12.90	12.56	-33.68	-13.00	-20.68	H
5332.55	-35.09	13.10	16.32	-38.31	-13.00	-25.31	H
7089.78	-32.40	12.33	21.13	-41.20	-13.00	-28.20	H
3545.22	-34.83	12.90	12.56	-34.49	-13.00	-21.49	V
5332.55	-34.51	13.10	16.32	-37.73	-13.00	-24.73	V
7089.78	-33.13	12.33	21.13	-41.93	-13.00	-28.93	V



LTE Band 66 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3440.06	-34.59	12.90	12.56	-34.25	-13.00	-21.25	H
5160.05	-34.53	13.10	16.32	-37.75	-13.00	-24.75	H
6880.23	-32.52	12.33	21.13	-41.32	-13.00	-28.32	H
3440.06	-35.32	12.90	12.56	-34.98	-13.00	-21.98	V
5160.05	-34.99	13.10	16.32	-38.21	-13.00	-25.21	V
6880.23	-33.15	12.33	21.13	-41.95	-13.00	-28.95	V
LTE Band 66 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3490.24	-33.68	12.90	12.56	-33.34	-13.00	-20.34	H
5234.90	-35.44	13.10	16.32	-38.66	-13.00	-25.66	H
6980.07	-33.13	12.33	21.13	-41.93	-13.00	-28.93	H
3490.24	-34.64	12.90	12.56	-34.30	-13.00	-21.30	V
5234.90	-34.17	13.10	16.32	-37.39	-13.00	-24.39	V
6980.07	-32.19	12.33	21.13	-40.99	-13.00	-27.99	V
LTE Band 66 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3539.99	-34.87	12.90	12.56	-34.53	-13.00	-21.53	H
5309.82	-34.16	13.10	16.32	-37.38	-13.00	-24.38	H
7080.89	-32.31	12.33	21.13	-41.11	-13.00	-28.11	H
3539.99	-34.62	12.90	12.56	-34.28	-13.00	-21.28	V
5309.82	-34.28	13.10	16.32	-37.50	-13.00	-24.50	V
7080.89	-33.20	12.33	21.13	-42.00	-13.00	-29.00	V



APPENDIX-PHOTOS OF TEST SETUP

Note: See test photos in setup photo document for the actual connections between Product and support equipment.

*****END OF THE REPORT*****