Partial FCC RF Test Report

APPLICANT	**:**	**Huawei Technologies Co.,Ltd.**
EQUIPMENT	**:**	**Smart Phone**
BRAND NAME	**:**	**honor**
MODEL NAME	**:**	**JAT-L41**
FCC ID	**:**	**QISJAT-L41**
STANDARD	**:**	**47 CFR Part 2, 22(H), 27(M)**
CLASSIFICATION	**:**	**PCS Licensed Transmitter Held to Ear (PCE)**

This is a partial report. The product was received on Jan. 14, 2019 and completely tested on Jan. 24, 2019. We, Sporton International (Shenzhen) Inc., would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.26-2015 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International (Shenzhen) Inc., the test report shall not be reproduced except in full.

Eric Shih

Approved by: Eric Shih / Manager

NVLAP TESTING
NVLAP LAB CODE 600156-0

Sporton International (Shenzhen) Inc.
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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FG911406B	Rev. 01	Initial issue of report	Jan. 31, 2019

SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.4	§2.1053 §22.917(a)	Radiated Spurious Emission (Band 5)	< 43+10log$_{10}$(P[Watts])	PASS	Under limit 30.54 dB at 10131.00 MHz
	§2.1053 §27.53(m)(4)	Radiated Spurious Emission (Band 7)	< 55+10log$_{10}$(P[Watts])		

1 General Description

1.1 Applicant

Huawei Technologies Co.,Ltd.
Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District, Shenzhen, 518129, P.R.C

1.2 Manufacturer

Huawei Technologies Co.,Ltd.
Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District, Shenzhen, 518129, P.R.C

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Smart Phone
Brand Name	honor
Model Name	JAT-L41
FCC ID	QISJAT-L41
EUT supports Radios application	GSM/GPRS/EGPRS/WCDMA/HSPA/HSPA+/DC-HSDPA/LTE WLAN 2.4GHz 802.11b/g/n (HT20/HT40) Bluetooth BR/EDR/LE
IMEI Code	Radiated Emission: N/A
HW Version	HL1JATM
SW Version	9.0.1.108(C900E70R1P8)
EUT Stage	Identical Prototype

Remark:

The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

1.4 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx Frequency	LTE Band 5 : 824.7 MHz ~ 848.3 MHz LTE Band 7 : 2502.5 MHz ~ 2567.5 MHz
Rx Frequency	LTE Band 5 : 869.7 MHz ~ 893.3 MHz LTE Band 7 : 2622.5MHz ~ 2687.5 MHz
Bandwidth	LTE Band 5 : 1.4MHz / 3MHz / 5MHz / 10MHz LTE Band 7 : 5MHz/ 10MHz / 15MHz / 20MHz
Antenna Gain	LTE Band 5 : -2.10 dBi LTE Band 7 : 1.0 dBi
Type of Modulation	QPSK / 16QAM

1.5 Accessories List

Specification of Accessory				
AC Adapter 1	Brand Name	Huawei Technologies Co., Ltd.	Model Name	HW-050100B01
	Power Rating	I/P: 100 - 240 Vac; O/P: 5Vdc, 1.0A		
	Manufacturer	Dongguan Phitek Electronics Co., Ltd		
AC Adapter 2	Brand Name	Huawei Technologies Co., Ltd.	Model Name	HW-050100B01
	Power Rating	I/P: 100 - 240 Vac; O/P: 5Vdc, 1.0A		
	Manufacturer	HUIZHOU BYD ELECTRONIC CO., LTD		
AC Adapter 3	Brand Name	Huawei Technologies Co., Ltd.	Model Name	HW-050100B01
	Power Rating	I/P: 100 - 240 Vac; O/P: 5Vdc, 1.0A		
	Manufacturer	SHENZHEN HUNTKEY ELECTRIC CO., LTD.		
AC Adapter 4	Brand Name	Huawei Technologies Co., Ltd.	Model Name	HW-050100E01
	Power Rating	I/P: 100 - 240 Vac; O/P: 5Vdc, 1.0A		
	Manufacturer	Dongguan Phitek Electronics Co., Ltd.		
AC Adapter 5	Brand Name	Huawei Technologies Co., Ltd.	Model Name	HW-050100E01
	Power Rating	I/P: 100 - 240 Vac; O/P: 5Vdc, 1.0A		
	Manufacturer	HUIZHOU BYD ELECTRONIC CO., LTD		
AC Adapter 6	Brand Name	Huawei Technologies Co., Ltd.	Model Name	HW-050100E01
	Power Rating	I/P: 100 - 240 Vac; O/P: 5Vdc, 1.0A		
	Manufacturer	SHENZHEN HUNTKEY ELECTRIC CO., LTD.		
AC Adapter 7	Brand Name	Huawei Technologies Co., Ltd.	Model Name	HW-050100A01
	Power Rating	I/P: 100 - 240 Vac; O/P: 5Vdc, 1.0A		
	Manufacturer	Dongguan Phitek Electronics Co., Ltd.		
AC Adapter 8	Brand Name	Huawei Technologies Co., Ltd.	Model Name	HW-050100A01
	Power Rating	I/P: 100 - 240 Vac; O/P: 5Vdc, 1.0A		
	Manufacturer	HUIZHOU BYD ELECTRONIC CO., LTD		
AC Adapter 9	Brand Name	Huawei Technologies Co., Ltd.	Model Name	HW-050100A01
	Power Rating	I/P: 100 - 240 Vac; O/P: 5Vdc, 1.0A		
	Manufacturer	SHENZHEN HUNTKEY ELECTRIC CO., LTD.		
AC Adapter 10	Brand Name	Huawei Technologies Co., Ltd.	Model Name	HW-050100U01
	Power Rating	I/P: 100 - 240 Vac; O/P: 5Vdc, 1.0A		
	Manufacturer	Dongguan Phitek Electronics Co., Ltd.		
AC Adapter 11	Brand Name	Huawei Technologies Co., Ltd.	Model Name	HW-050100U01
	Power Rating	I/P: 100 - 240 Vac; O/P: 5Vdc, 1.0A		
	Manufacturer	HUIZHOU BYD ELECTRONIC CO., LTD		
AC Adapter 12	Brand Name	Huawei Technologies Co., Ltd.	Model Name	HW-050100U01
	Power Rating	I/P: 100 - 240 Vac; O/P: 5Vdc, 1.0A		
	Manufacturer	SHENZHEN HUNTKEY ELECTRIC CO., LTD.		

Battery 1	**Brand Name**	Huawei Technologies Co., Ltd.	**Model Name**	HB405979ECW
	Power Rating	3.82Vdc, 2920mAh	**Manufacturer**	Sunwoda
Battery 2	**Brand Name**	Huawei Technologies Co., Ltd.	**Model Name**	HB405979ECW
	Power Rating	3.82Vdc, 2920mAh	**Manufacturer**	SCUD
Battery 3	**Brand Name**	Huawei Technologies Co., Ltd.	**Model Name**	HB405979ECW
	Power Rating	3.82Vdc, 2920mAh	**Manufacturer**	Desay
USB Cable 1	**Brand Name**	Huawei Technologies Co., Ltd.	**Model Name**	L99U2013-CS-H
	Signal Line	1.0 meter, non-shielded cable, without ferrite core		
USB Cable 2	**Brand Name**	Huawei Technologies Co., Ltd.	**Model Name**	203-0786-0
	Signal Line	1.0 meter, non-shielded cable, without ferrite core		
USB Cable 3	**Brand Name**	Huawei Technologies Co., Ltd.	**Model Name**	130-26654
	Signal Line	1.0 meter, non-shielded cable, without ferrite core		
USB Cable 4	**Brand Name**	Huawei Technologies Co., Ltd.	**Model Name**	WA0007
	Signal Line	1.0 meter, non-shielded cable, without ferrite core		
USB Cable 5	**Brand Name**	Huawei Technologies Co., Ltd.	**Model Name**	L99U2017-CS-H
	Signal Line	1.0 meter, non-shielded cable, without ferrite core		
USB Cable 6	**Brand Name**	Huawei Technologies Co., Ltd.	**Model Name**	203-1583-0
	Signal Line	1.0 meter, non-shielded cable, without ferrite core		
USB Cable 7	**Brand Name**	Huawei Technologies Co., Ltd.	**Model Name**	130-26669
	Signal Line	1.0 meter, non-shielded cable, without ferrite core		
USB Cable 8	**Brand Name**	Huawei Technologies Co., Ltd.	**Model Name**	WA0001
	Signal Line	1.0 meter, non-shielded cable, without ferrite core		
USB Cable 9	**Brand Name**	Huawei Technologies Co., Ltd.	**Model Name**	CUBB01M-HC304-DH
	Signal Line	1.0 meter, non-shielded cable, without ferrite core		

1.6 Modification of EUT

No modifications are made to the EUT during all test items.

1.7 Testing Location

Sporton Lab is accredited to ISO 17025 by National Voluntary Laboratory Accreditation Program (NVLAP code: 600156-0).

Test Site	Sporton International (Shenzhen) Inc.		
Test Site Location	No. 3 Bldg the third floor of south, Shahe River west, Fengzeyuan Warehouse, Nanshan District, Shenzhen City, Guangdong Province 518055, China TEL: +86-755- 3320-2398		
Test Site No.	**Sporton Site No.**	**FCC designation No.**	**FCC Test Firm Registration No.**
	03CH01-SZ	CN5019	577730

1.8 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- 47 CFR Part 2, 22(H), 27(M)
- ANSI C63.26-2015
- FCC KDB 971168 D01 Power Meas License Digital Systems v03r01

Remark:

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.

2 Test Configuration of Equipment Under Test

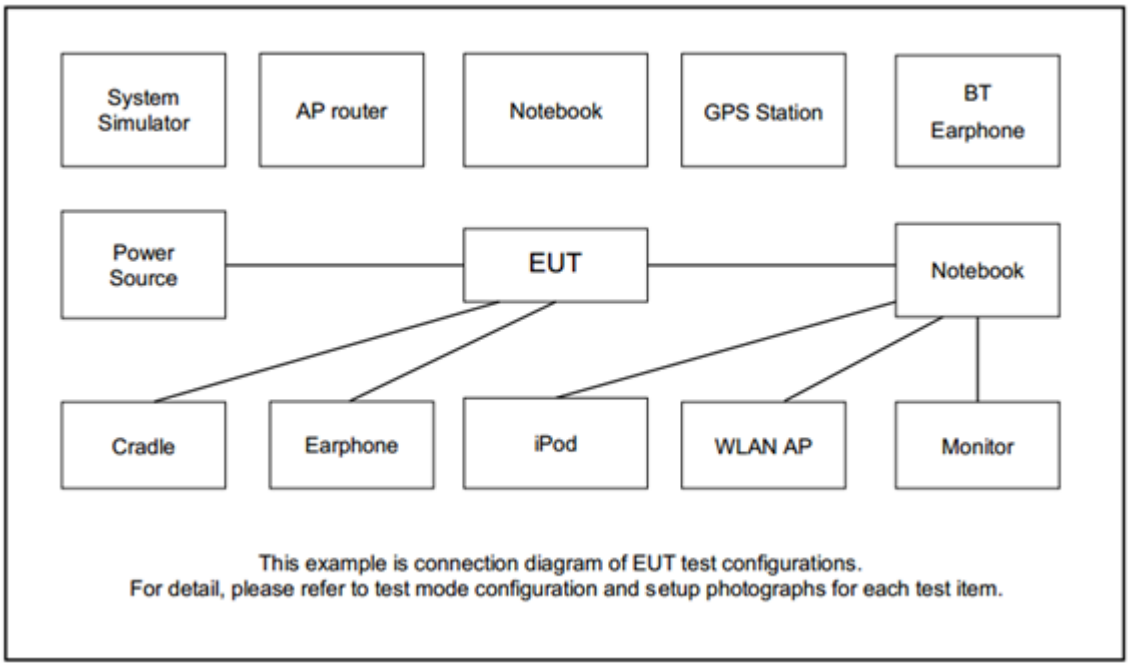
2.1 Test Mode

Antenna port conducted and radiated test items listed below are performed according to KDB 971168 D01 Power Meas License Digital Systems v03r01 with maximum output power.

Radiated measurements are performed by rotating the EUT in three different orthogonal test planes to find the maximum emission.

Test Items	Band	Bandwidth (MHz)						Modulation			RB #			Test Channel		
		1.4	3	5	10	15	20	QPSK	16QAM	64QAM	1	Half	Full	L	M	H
Radiated Spurious Emission	5	v	v	v	v	-	-	v		-	v				v	
	7	-	-	v	v	v	v	v		-	v				v	
Note	1. The mark "**v** " means that this configuration is chosen for testing 2. The mark "-" means that this bandwidth is not supported. 3. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported.															

2.2 Connection Diagram of Test System



2.3 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model No.	FCC ID	Data Cable	Power Cord
1.	LTE Base Station	Anritsu	MT8820C	N/A	N/A	Unshielded, 1.8 m
2.	DC Power Supply	GW	GPS-3030D	N/A	N/A	Unshielded, 1.8 m
3.	Earphone	Apple	MC690ZP/A	N/A	Shielded, 1.0m	Earphone

2.4 Frequency List of Low/Middle/High Channels

LTE Band 5 Channel and Frequency List				
BW [MHz]	**Channel/Frequency(MHz)**	**Lowest**	**Middle**	**Highest**
10	Channel	20450	20525	20600
	Frequency	829	836.5	844
5	Channel	20425	20525	20625
	Frequency	826.5	836.5	846.5
3	Channel	20415	20525	20635
	Frequency	825.5	836.5	847.5
1.4	Channel	20407	20525	20643
	Frequency	824.7	836.5	848.3

LTE Band 7 Channel and Frequency List				
BW [MHz]	**Channel/Frequency(MHz)**	**Lowest**	**Middle**	**Highest**
20	Channel	20850	21100	21350
	Frequency	2510	2535	2560
15	Channel	20825	21100	21375
	Frequency	2507.5	2535	2562.5
10	Channel	20800	21100	21400
	Frequency	2505	2535	2565
5	Channel	20775	21100	21425
	Frequency	2502.5	2535	2567.5

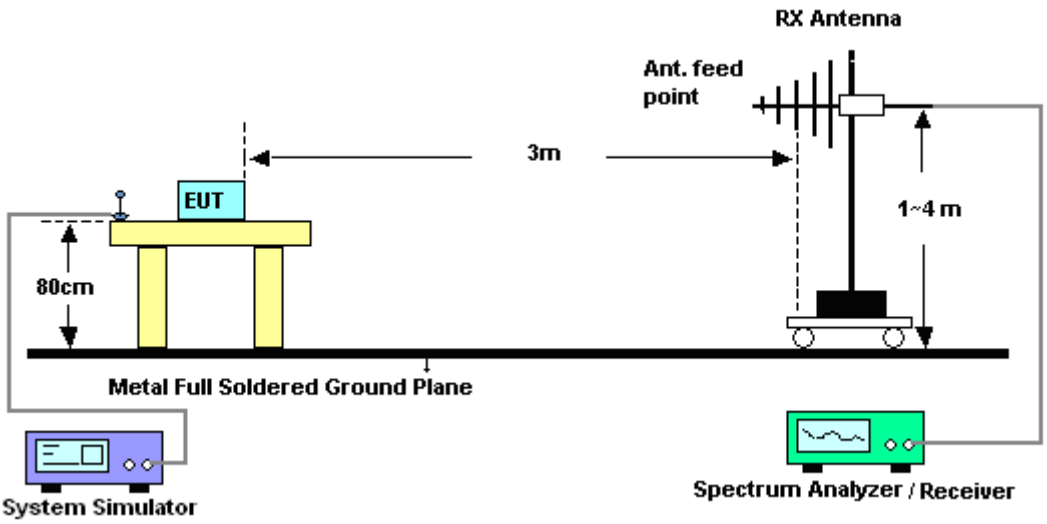
3 Radiated Test Items

3.1 Measuring Instruments

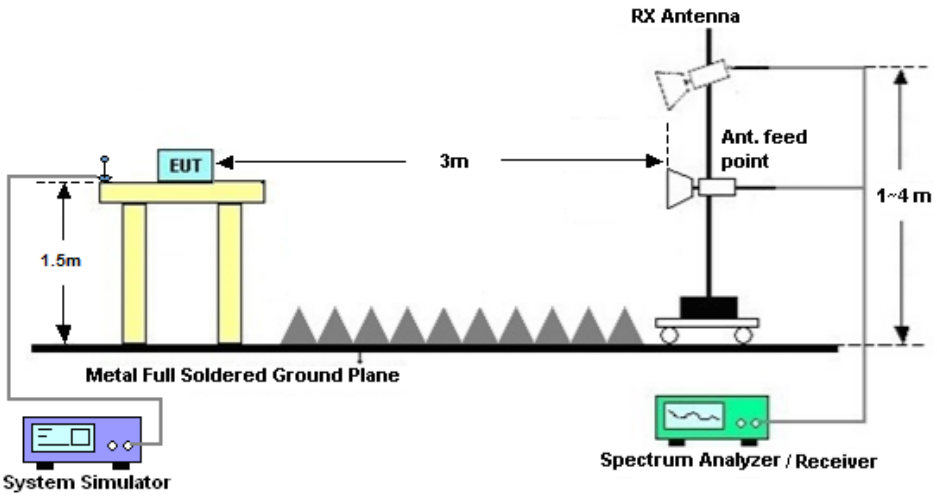
See list of measuring instruments of this test report.

3.2 Test Setup

3.2.1 For radiated test from 30MHz to 1GHz



3.2.2 For radiated test above 1GHz



3.3 Test Result of Radiated Test

Please refer to Appendix A.

3.4 Radiated Spurious Emission

3.4.1 Description of Radiated Spurious Emission

The radiated spurious emission was measured by substitution method according to ANSI C63.26. The power of any emission outside of the authorized operating frequency ranges must be attenuated below 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 attenuated below the transmitter power (P) by a factor of at least 55 + 10 log (P) dB.

The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.

3.4.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.5
2. The EUT was placed on a turntable with 0.8 meter height for frequency below 1GHz and 1.5 meter height for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the receiving antenna mounted on the antenna tower.
4. The table was rotated 360 degrees to determine the position of the highest spurious emission.
5. The height of the receiving antenna is varied between 1m to 4m to search the maximum spurious emission for both horizontal and vertical polarizations.
6. During the measurement, the system simulator parameters were set to force the EUT transmitting at maximum output power.
7. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
8. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
9. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
10. EIRP (dBm) = S.G. Power – Tx Cable Loss + Tx Antenna Gain
11. ERP (dBm) = EIRP - 2.15
12. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
    The limit line is derived from 43 + 10log(P)dB below the transmitter power P(Watts)
    = P(W)- [43 + 10log(P)] (dB)
    = [30 + 10log(P)] (dBm) - [43 + 10log(P)] (dB)
    = -13dBm.
13. For Band 7:
    The limit line is derived from 55 + 10log(P)dB below the transmitter power P(Watts)

4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
EMI Test Receiver&SA	Agilent	N9038A	MY52260185	20Hz~26.5GHz	Aug. 30, 2018	Jan. 24, 2019	Aug. 29, 2019	Radiation (03CH01-SZ)
Bilog Antenna	TeseQ	CBL6112D	35407	30MHz-2GHz	Jun. 05, 2018	Jan. 24, 2019	Jun. 04, 2019	Radiation (03CH01-SZ)
Double Ridge Horn Antenna	ETS Lindgren	3117	119436	1GHz~18GHz	Jun. 28, 2018	Jan. 24, 2019	Jun. 27, 2019	Radiation (03CH01-SZ)
SHF-EHF Horn	com-power	AH-840	101071	18Ghz-40GHz	Mar. 30, 2018	Jan. 24, 2019	Mar. 29, 2019	Radiation (03CH01-SZ)
LF Amplifier	Burgeon	BPA-530	102209	0.01~3000Mhz	Apr. 20, 2018	Jan. 24, 2019	Apr. 19, 2019	Radiation (03CH01-SZ)
HF Amplifier	MITEQ	AMF-7D-00101800-30-10P-R	1707137	1GHz~18GHz	Oct. 19, 2018	Jan. 24, 2019	Oct. 18, 2019	Radiation (03CH01-SZ)
HF Amplifier	KEYSIGHT	83017A	MY53270104	0.5GHz~26.5Ghz	Dec. 26, 2018	Jan. 24, 2019	Dec. 25, 2019	Radiation (03CH01-SZ)
HF Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz	Jul. 17, 2018	Jan. 24, 2019	Jul. 16, 2019	Radiation (03CH01-SZ)
AC Power Source	Chroma	61601	616010001985	N/A	NCR	Jan. 24, 2019	NCR	Radiation (03CH01-SZ)
Turn Table	EM	EM1000	N/A	0~360 degree	NCR	Jan. 24, 2019	NCR	Radiation (03CH01-SZ)
Antenna Mast	EM	EM1000	N/A	1 m~4 m	NCR	Jan. 24, 2019	NCR	Radiation (03CH01-SZ)

NCR: No Calibration Required

5 Uncertainty of Evaluation

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI 63.26-2015. All the measurement uncertainty value were shown with a coverage K=2 to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**2.5dB**

Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**3.5dB**

Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.0dB**

Appendix A. Test Results of Radiated Test

Radiated Spurious Emission

LTE Band 5 / 1.4MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1671.92	-64.61	-13	-51.61	-75.55	-69.02	2.84	9.40	H
	2507.88	-58.29	-13	-45.29	-76.89	-63.04	3.7	10.60	H
	3343.84	-58.02	-13	-45.02	-78.63	-64.10	4.37	12.60	H
	1671.92	-64.58	-13	-51.58	-76.23	-68.99	2.84	9.40	V
	2507.88	-58.46	-13	-45.46	-77.27	-63.21	3.70	10.60	V
	3343.84	-57.64	-13	-44.64	-78.55	-63.72	4.37	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 5 / 3MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1670.48	-63.63	-13	-50.63	-74.51	-68.04	2.84	9.40	H
	2505.72	-58.89	-13	-45.89	-77.49	-63.64	3.7	10.60	H
	3340.96	-57.81	-13	-44.81	-78.42	-63.89	4.37	12.60	H
	1670.48	-64.35	-13	-51.35	-75.90	-68.76	2.84	9.40	V
	2505.72	-58.84	-13	-45.84	-77.65	-63.59	3.70	10.60	V
	3340.96	-57.72	-13	-44.72	-78.63	-63.80	4.37	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 5 / 5MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1668.68	-63.24	-13	-50.24	-74.12	-67.65	2.84	9.40	H
	2503.02	-59.09	-13	-46.09	-77.56	-63.84	3.7	10.60	H
	3337.36	-58.05	-13	-45.05	-78.56	-64.13	4.37	12.60	H
	1668.68	-64.20	-13	-51.20	-75.75	-68.61	2.84	9.40	V
	2503.02	-58.79	-13	-45.79	-77.52	-63.54	3.70	10.60	V
	3337.36	-57.71	-13	-44.71	-78.72	-63.79	4.37	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 5 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1664.18	-64.09	-13	-51.09	-74.97	-68.50	2.84	9.40	H
	2496.27	-58.97	-13	-45.97	-77.44	-63.72	3.7	10.60	H
	3328.36	-58.01	-13	-45.01	-78.52	-64.09	4.37	12.60	H
	1664.18	-64.36	-13	-51.36	-75.91	-68.77	2.84	9.40	V
	2496.27	-58.97	-13	-45.97	-77.70	-63.72	3.70	10.60	V
	3328.36	-57.60	-13	-44.60	-78.61	-63.68	4.37	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 7 / 5MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5066	-58.59	-25	-33.59	-81.22	-66.35	4.94	12.70	H
	7599	-56.05	-25	-31.05	-81.66	-60.56	6.79	11.30	H
	10131	-57.04	-25	-32.04	-86.41	-61.28	7.86	12.10	H
	5066	-57.49	-25	-32.49	-81.33	-65.25	4.94	12.70	V
	7599	-55.78	-25	-30.78	-81.39	-60.29	6.79	11.30	V
	10131	-55.54	-25	-30.54	-85.96	-59.78	7.86	12.10	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 7 / 10MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5061	-58.71	-25	-33.71	-81.34	-66.47	4.94	12.70	H
	7592	-55.91	-25	-30.91	-81.52	-60.42	6.79	11.30	H
	10122	-56.71	-25	-31.71	-86.08	-60.95	7.86	12.10	H
	5061	-57.19	-25	-32.19	-81.03	-64.95	4.94	12.70	V
	7592	-56.21	-25	-31.21	-81.82	-60.72	6.79	11.30	V
	10122	-56.14	-25	-31.14	-86.56	-60.38	7.86	12.10	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 7 / 15MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5057	-58.30	-25	-33.30	-80.93	-66.06	4.94	12.70	H
	7585	-55.88	-25	-30.88	-81.56	-60.39	6.79	11.30	H
	10113	-56.66	-25	-31.66	-86.01	-60.90	7.86	12.10	H
	5057	-57.68	-25	-32.68	-81.52	-65.44	4.94	12.70	V
	7585	-56.02	-25	-31.02	-81.7	-60.53	6.79	11.30	V
	10113	-55.76	-25	-30.76	-86.09	-60	7.86	12.10	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 7 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5052	-58.56	-25	-33.56	-81.07	-66.32	4.94	12.70	H
	7578	-56.00	-25	-31.00	-81.68	-60.51	6.79	11.30	H
	10104	-57.11	-25	-32.11	-86.46	-61.35	7.86	12.10	H
	5052	-57.45	-25	-32.45	-81.29	-65.21	4.94	12.70	V
	7578	-55.81	-25	-30.81	-81.49	-60.32	6.79	11.30	V
	10104	-56.02	-25	-31.02	-86.35	-60.26	7.86	12.10	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.