



FCC INTER-BAND RADIO TEST REPORT

FCC ID : GKRRMLN1
Equipment : 5G LGA Module
Brand Name : COMPAL
Model Name : RML-N1
Marketing Name : 5G LGA Module
Applicant : Compal Electronics, Inc.
No.581 & 581-1, Ruiguang Rd., Neihu
District, Taipei, (114) Taiwan
Manufacturer : Compal Electronics, Inc.
No.581 & 581-1, Ruiguang Rd., Neihu
District, Taipei, (114) Taiwan
Standard : FCC 47 CFR Part 2, 22(H), 24(E), 27

The product was received on Mar. 31, 2021 and testing was started from Apr. 01, 2021 and completed on Jun. 16, 2021. We, Sporton International Inc. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI / TIA-603-E and has been in 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 Inc. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu

Sporton International Inc. EMC & Wireless Communications Laboratory

No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)



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History of this test report

Report No.	Version	Description	Issued Date
FG133040-02G	01	Initial issue of report	Jul. 01, 2021
FG133040-02G	02	Revise Product Feature of Equipment Under Test, Support Unit used in test configuration and system, List of Measuring Equipment, Test Setup Photographs, Report Title and Radiated Spurious Emission Data	Jul. 09, 2021

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.2	§2.1053 §22.917 (a) §24.238 (a) §27.53 (g) §27.53 (h) §27.53 (a)(4)	Radiated Spurious Emission (Band 2) (Band 4) (Band 5) (Band 12) (Band 25) (Band 26) (Band 66) (Band 71) (Band 30)	Pass	Under limit 0.45 dB at 9234.000 MHz
	§2.1051 §27.53 (m)(4)	Radiated Spurious Emission (Band 41)		

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Keven Cheng

Report Producer: Vivian Hsu

1 General Description

1.1 Product Feature of Equipment Under Test

LTE/5G NR and GNSS

Product Specification subjective to this standard	
Test Antenna Type	Monopole Antenna
Test Antenna Gain	<Ant. 0>: LTE Band 2: 3.9 dBi LTE Band 4: 2.7 dBi LTE Band 5: 0.9 dBi LTE Band 12: 0 dBi LTE Band 25: 3.9 dBi LTE Band 26: 0.9 dBi LTE Band 30: -1.1 dBi LTE Band 66: 2.7 dBi LTE Band 71: 0 dBi <Ant. 2>: LTE Band 30: -1.2 dBi LTE Band 41: 3.5 dBi <Ant. 4>: LTE Band 2: 3.7 dBi LTE Band 4: 3.9 dBi LTE Band 25: 3.7 dBi LTE Band 66: 3.9 dBi

Remark: The above EUT's information was declared by manufacturer. Please refer to Comments and Explanations in report summary.

1.2 Modification of EUT

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

1.3 Testing Location

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978
Test Site No.	Sporton Site No. 03CH07-HY
Test Engineer	Jesse Wang, Stan Hsieh and Ken Wu
Temperature	19~27°C
Relative Humidity	48~63%

Note: The test site complies with ANSI C63.4 2014 requirement.

FCC Designation No.: TW1190

1.4 Applicable Standards

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

- ♦ ANSI C63.26-2015
- ♦ ANSI / TIA-603-E
- ♦ FCC 47 CFR Part 2, 22(H), 24(E), 27
- ♦ FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01.

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.
3. The TAF code is not including all the FCC KDB listed without accreditation.

2 Test Configuration of Equipment Under Test

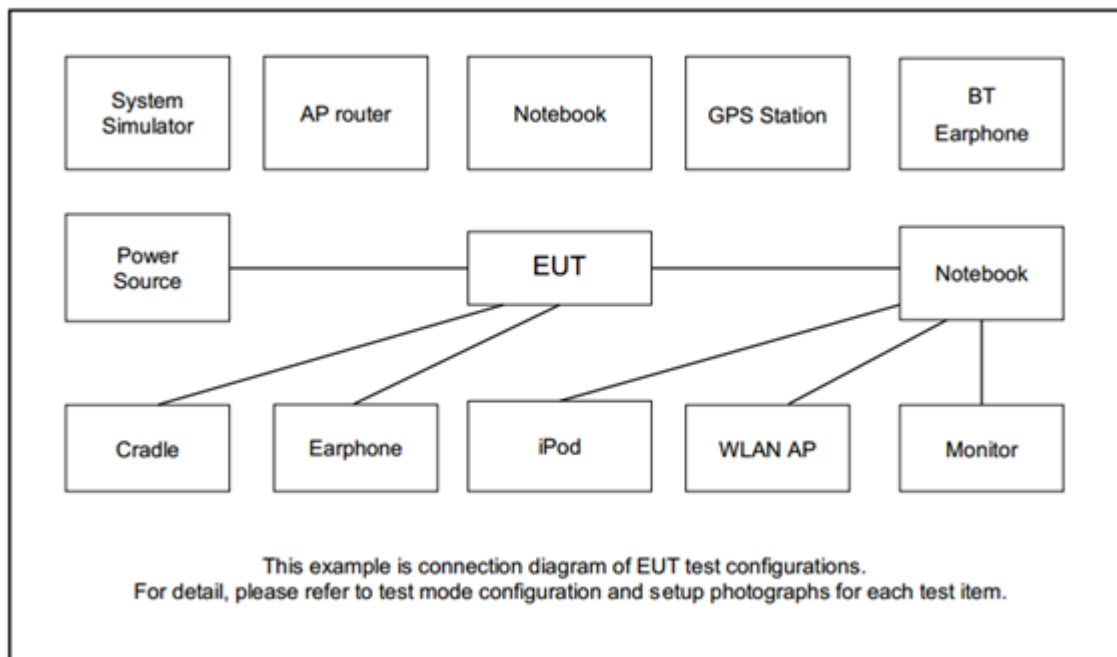
2.1 Test Mode

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.

For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases were recorded in this report.

Test Items	Antenna combination	Band	Bandwidth (MHz)								RB #	Test Channel			Worse Plane
			20+20	20+15	20+10	15+20	10+20	10+10	10+5	QPSK	1	L	M	H	
Radiated Spurious Emission	Ant. 0+0	2A+5A	-	-	v	-	-	-	-	v	v	v	v	v	Z
	Ant. 0+0	2A+12A	-	-	v	-	-	-	-	v	v	-	v	-	Z
	Ant. 0+0	2A+71A	-	-	v	-	-	-	-	v	v	-	v	-	Z
	Ant. 0+0	4A+5A	-	-	v	-	-	-	-	v	v	v	v	v	Z
	Ant. 4+0	2A+4A	v	-	v	-	-	-	-	v	v	-	v	-	Y
	Ant. 0+0	4A+12A	-	-	v	-	-	-	-	v	v	-	v	-	Z
	Ant. 0+0	25A+26A	-	v	-	-	-	-	-	v	v	v	v	v	Z
	Ant. 0+0	12A+66A	-	-	-	-	v	-	-	v	v	v	v	v	Z
	Ant. 0+0	66A+71A	v	-	-	-	v	-	-	v	v	-	v	-	Z
	Ant. 4+0	2A+66A	v	-	-	-	-	-	-	v	v	-	v	-	Z
	Ant. 0+0	5A+66A	-	-	-	-	v	-	-	v	v	-	v	-	Z
	Ant. 2+0	30A+66A	-	-	-	-	v	-	-	v	v	-	v	-	Z
	Ant. 0+0	12A+30A	-	-	-	-	-	-	v	v	v	v	v	v	Y
	Ant. 4+0	2A+30A	-	-	v	-	-	-	-	v	v	-	v	-	Y
	Ant. 0+0	5A+30A	-	-	-	-	-	v	-	v	v	-	v	-	Y
	Ant. 4+2	25A+41A	v	-	-	-	-	-	-	v	v	-	v	-	Z
	Ant. 0+2	26A+41A	-	-	-	v	-	-	-	v	v	-	v	-	Z
Remark	1. The mark "v" means that this configuration is chosen for testing 2. 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	Brand Name	Model No.	FCC ID	Data Cable	Power Cord
1.	Radio Communication Analyzer	Anritsu	MT8821C	N/A	N/A	Unshielded, 1.8 m
2.	fixture	Compal	ZM52	N/A	N/A	N/A



2.4 Frequency List of Low/Middle/High Channels

LTE Band 2 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	18700	18900	19100
	Frequency	1860	1880	1900
15	Channel	18675	18900	19125
	Frequency	1857.5	1880	1902.5
10	Channel	18650	18900	19150
	Frequency	1855	1880	1905
5	Channel	18625	18900	19175
	Frequency	1852.5	1880	1907.5
3	Channel	18615	18900	19185
	Frequency	1851.5	1880	1908.5
1.4	Channel	18607	18900	19193
	Frequency	1850.7	1880	1909.3

LTE Band 4 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	20050	20175	20300
	Frequency	1720	1732.5	1745
15	Channel	20025	20175	20325
	Frequency	1717.5	1732.5	1747.5
10	Channel	20000	20175	20350
	Frequency	1715	1732.5	1750
5	Channel	19975	20175	20375
	Frequency	1712.5	1732.5	1752.5
3	Channel	19965	20175	20385
	Frequency	1711.5	1732.5	1753.5
1.4	Channel	19957	20175	20393
	Frequency	1710.7	1732.5	1754.3



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 12 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	23060	23095	23130
	Frequency	704	707.5	711
5	Channel	23035	23095	23155
	Frequency	701.5	707.5	713.5
3	Channel	23025	23095	23165
	Frequency	700.5	707.5	714.5
1.4	Channel	23017	23095	23173
	Frequency	699.7	707.5	715.3

LTE Band 25 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	26140	26340	26590
	Frequency	1860	1880	1905
15	Channel	26115	26340	26615
	Frequency	1857.5	1880	1907.5
10	Channel	26090	26340	26640
	Frequency	1855	1880	1910
5	Channel	26065	26340	26665
	Frequency	1852.5	1880	1912.5
3	Channel	26055	26340	26675
	Frequency	1851.5	1880	1913.5
1.4	Channel	26047	26340	26683
	Frequency	1850.7	1880	1914.3



LTE Band 26 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
15	Channel	26865	26915	26965
	Frequency	831.5	836.5	841.5
10	Channel	26840	26915	26990
	Frequency	829.0	836.5	844.0
5	Channel	26815	26915	27015
	Frequency	826.5	836.5	846.5
3	Channel	26805	26915	27025
	Frequency	825.5	836.5	847.5
1.4	Channel	26797	26915	27033
	Frequency	824.7	836.5	848.3

LTE Band 30 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	-	27710	-
	Frequency	-	2310	-
5	Channel	27685	27710	27735
	Frequency	2307.5	2310	2312.5

LTE Band 41 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	39750	40620	41490
	Frequency	2506.0	2593.0	2680.0
15	Channel	39725	40620	41515
	Frequency	2503.5	2593.0	2682.5
10	Channel	39700	40620	41540
	Frequency	2501.0	2593.0	2685.0
5	Channel	39675	40620	41565
	Frequency	2498.5	2593.0	2687.5

LTE Band 66 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	132072	132322	132572
	Frequency	1720	1745	1770
15	Channel	132047	132322	132597
	Frequency	1717.5	1745	1772.5
10	Channel	132022	132322	132622
	Frequency	1715	1745	1775
5	Channel	131997	132322	132647
	Frequency	1712.5	1745	1777.5
3	Channel	131987	132322	132657
	Frequency	1711.5	1745	1778.5
1.4	Channel	131979	132322	132665
	Frequency	1710.7	1745	1779.3

LTE Band 71 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	133222	133297	133372
	Frequency	673.0	680.5	688.0
15	Channel	133197	133297	133397
	Frequency	670.5	680.5	690.5
10	Channel	133172	133297	133422
	Frequency	668.0	680.5	693.0
5	Channel	133147	133297	133447
	Frequency	665.5	680.5	695.5

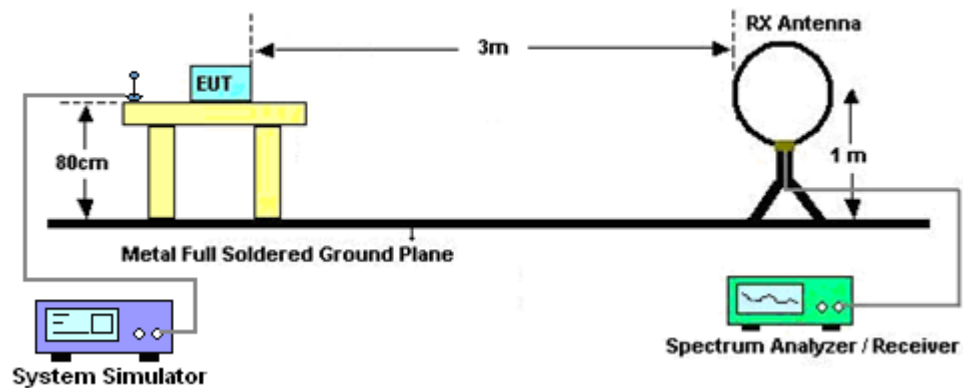
3 Radiated Test Items

3.1 Measuring Instruments

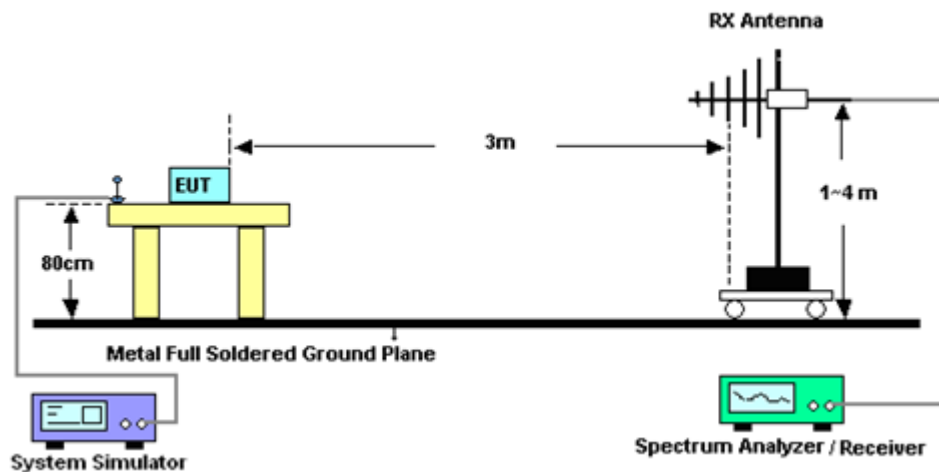
See list of measuring instruments of this test report.

3.1.1 Test Setup

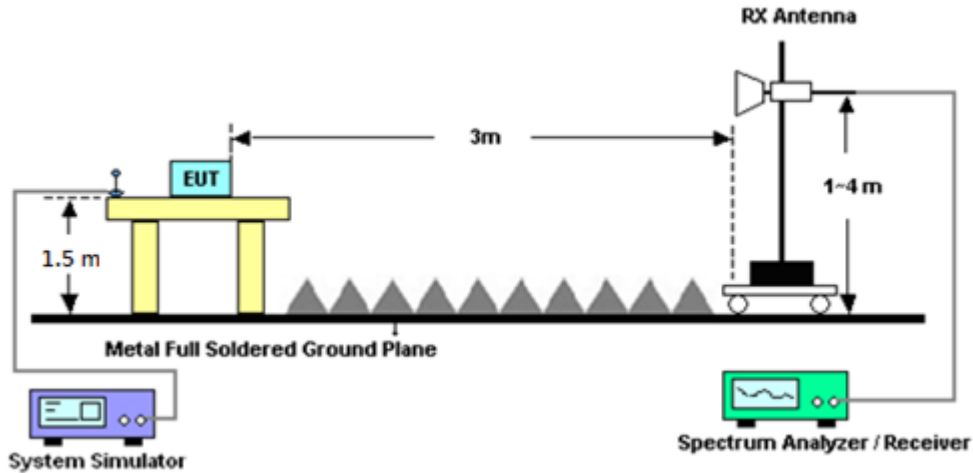
For radiated test below 30MHz



For radiated test from 30MHz to 1GHz



For radiated test above 1GHz



3.1.2 Test Result of Radiated Test

Please refer to Appendix A.

Note:

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.

There is adequate comparison measurement of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result came out very similar.



3.2 Radiated Spurious Emission Measurement

3.2.1 Description of Radiated Spurious Emission Measurement

The radiated spurious emission was measured by substitution method according to ANSI / TIA-603-E. 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 LTE Band 41

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.

For LTE Band 30

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 $70 + 10 \log (P)$ dB.

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

3.2.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 7 and ANSI / TIA-603-E Section 2.2.12.

1. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
2. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest spurious emission.
4. The height of the receiving antenna is varied between one meter and four meters to search the maximum spurious emission for both horizontal and vertical polarizations.
5. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
6. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
7. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
8. Taking the record of output power at antenna port.
9. Repeat step 7 to step 8 for another polarization.
10. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

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

For LTE Band 41

The limit line is derived from $55 + 10\log(P)$ dB below the transmitter power P(Watts)

LTE Band 30

The limit line is derived from $70 + 10\log(P)$ dB below the transmitter power P(Watts)

$EIRP \text{ (dBm)} = S.G. \text{ Power} - Tx \text{ Cable Loss} + Tx \text{ Antenna Gain}$

$ERP \text{ (dBm)} = EIRP - 2.15$



4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Bilog Antenna	Schaffner	CBL 6111C & N-6-06	2725 & AT-N0601	30MHz~1GHz	Jan. 08, 2021	Apr. 21, 2021~ Jun. 16, 2021	Jan. 07, 2022	Radiation (03CH07-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N-06	35419 & 03	30MHz~1GHz	Apr. 29, 2020	Apr. 21, 2021~ Apr. 27, 2021	Apr. 28, 2021	Radiation (03CH07-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N-06	35419 & 03	30MHz~1GHz	Apr. 28, 2021	Apr. 28, 2021~ Jun. 16, 2021	Apr. 27, 2022	Radiation (03CH07-HY)
Double Ridge Horn Antenna	ESCO	3117	00075962	1GHz ~ 18GHz	Dec. 01, 2020	Apr. 21, 2021~ Jun. 16, 2021	Nov. 30, 2021	Radiation (03CH07-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Jan. 04, 2021	Apr. 21, 2021~ Jun. 16, 2021	Jan. 03, 2022	Radiation (03CH07-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590075	1GHz~18GHz	Apr. 23, 2020	Apr. 21, 2021	Apr. 22, 2021	Radiation (03CH07-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590075	1GHz~18GHz	Apr. 22, 2021	Apr. 22, 2021~ Jun. 16, 2021	Apr. 21, 2022	Radiation (03CH07-HY)
Preamplifier	COM-POWER	PA-103A	161241	10MHz~1GHz	May 19, 2020	Apr. 21, 2021~ May 17, 2021	May 18, 2021	Radiation (03CH07-HY)
Preamplifier	COM-POWER	PA-103A	161241	10MHz~1GHz	May 18, 2021	May 18, 2021~ Jun. 16, 2021	May 17, 2022	Radiation (03CH07-HY)
Preamplifier	Agilent	8449B	3008A02362	1GHz~26.5GHz	Oct. 31, 2020	Apr. 21, 2021~ Jun. 16, 2021	Oct. 30, 2021	Radiation (03CH07-HY)
Preamplifier	EMEC	EM18G40G	0600789	18-40GHz	Jul. 31, 2020	Apr. 21, 2021~ Jun. 16, 2021	Jul. 30, 2021	Radiation (03CH07-HY)
Spectrum Analyzer	Agilent	N9030A	MY52350276	3Hz~44GHz	Jun. 09, 2020	Apr. 21, 2021~ Jun. 07, 2021	Jun. 08, 2021	Radiation (03CH07-HY)
Spectrum Analyzer	Keysight	N9010A	MY54200486	10Hz~44GHz	Oct. 23, 2020	Jun. 08, 2021~ Jun. 16, 2021	Oct. 22, 2021	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY15682-4	30MHz to 18GHz	Feb. 24, 2021	Apr. 21, 2021~ Jun. 16, 2021	Feb. 23, 2022	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY24971-4	9kHz to 18GHz	Feb. 24, 2021	Apr. 21, 2021~ Jun. 16, 2021	Feb. 23, 2022	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655-4	9kHz to 18GHz	Feb. 24, 2021	Apr. 21, 2021~ Jun. 16, 2021	Feb. 23, 2022	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2858/2,80 1606/2	18GHz~40GHz	Feb. 24, 2021	Apr. 21, 2021~ Jun. 16, 2021	Feb. 23, 2022	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126	532078/126E	30MHz~18GHz	Sep. 18, 2020	Apr. 21, 2021~ Jun. 16, 2021	Sep. 17, 2021	Radiation (03CH07-HY)
Controller	EMEC	EM1000	N/A	Control Ant Mast	N/A	Apr. 21, 2021~ Jun. 16, 2021	N/A	Radiation (03CH07-HY)
Controller	MF	MF-7802	N/A	Control Turn table	N/A	Apr. 21, 2021~ Jun. 16, 2021	N/A	Radiation (03CH07-HY)
Antenna Mast	EMEC	AM-BS-4500E	N/A	Boresight mast 1M~4M	N/A	Apr. 21, 2021~ Jun. 16, 2021	N/A	Radiation (03CH07-HY)
Turn Table	ChainTek	Chaintek 3000	N/A	0~360 Degree	N/A	Apr. 21, 2021~ Jun. 16, 2021	N/A	Radiation (03CH07-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Software	Audix	E3 6.2009-8-24	N/A	N/A	N/A	Apr. 21, 2021~ Jun. 16, 2021	N/A	Radiation (03CH07-HY)
USB Data Logger	TECPEL	TR-32	HE17XB2495	N/A	N/A	Apr. 21, 2021~ Jun. 16, 2021	N/A	Radiation (03CH07-HY)
Horn Antenna	EMCO	3117	00143261	1GHz~18GHz	Jan. 26, 2021	Apr. 21, 2021~ Jun. 16, 2021	Jan. 25, 2022	Radiation (03CH07-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	BBHA917025 1	18GHz~40GHz	Dec. 02, 2020	Apr. 21, 2021~ Jun. 16, 2021	Dec. 01, 2021	Radiation (03CH07-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA9170	00994	18GHz~40GHz	Nov. 19, 2020	Apr. 21, 2021~ Jun. 16, 2021	Nov. 18, 2020	Radiation (03CH07-HY)



5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.35 dB
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.81 dB
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Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.85 dB
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Appendix A. Test Results of Radiated Test

<Ant. 0+0>

LTE Band 2A+5A

LTE Band 2A+5A / 20MHz+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)
Lowest	3702	-44.46	-13	-31.46	-65.33	-51.03	1.67	8.24	H
	5556	-50.72	-13	-37.72	-76.25	-57.79	2.66	9.72	H
	7404	-47.05	-13	-34.05	-74.17	-56.2	2.46	11.61	H
	12958	-36.55	-13	-23.55	-73.47	-46.58	2.92	12.95	H
									H
									H
	3702	-55.04	-13	-42.04	-75.9	-61.61	1.67	8.24	V
	5556	-54.48	-13	-41.48	-79.98	-61.55	2.66	9.72	V
	7404	-49.61	-13	-36.61	-76.94	-58.76	2.46	11.61	V
	12958	-43.41	-13	-30.41	-79.9	-53.44	2.92	12.95	V
									V
									V
Middle	3744	-40.31	-13	-27.31	-61.18	-46.92	1.68	8.29	H
	5616	-51.84	-13	-38.84	-77.5	-58.89	2.69	9.75	H
	7482	-48.73	-13	-35.73	-75.89	-58.06	2.44	11.76	H
	13095	-44.14	-13	-31.14	-81.4	-54.32	2.95	13.13	H
									H
									H
	3744	-53.83	-13	-40.83	-74.71	-60.44	1.68	8.29	V
	5616	-54.98	-13	-41.98	-80.63	-62.03	2.69	9.75	V
	7482	-50.02	-13	-37.02	-77.41	-59.35	2.44	11.76	V
	13095	-45.63	-13	-32.63	-82.58	-55.81	2.95	13.13	V
									V
									V



LTE Band 2A+5A / 20MHz+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)
Highest	3780	-40.95	-13	-27.95	-61.78	-47.59	1.69	8.34	H
	5676	-47.54	-13	-34.54	-73.39	-54.58	2.73	9.77	H
	7566	-46.78	-13	-33.78	-74.13	-56.21	2.41	11.84	H
	9451	-47.96	-13	-34.96	-79.18	-57.9	2.58	12.52	H
	11352	-45.88	-13	-32.88	-80.5	-55.56	2.68	12.36	H
	13242	-40.07	-13	-27.07	-77.58	-50.42	2.99	13.34	H
	3780	-53.89	-13	-40.89	-74.76	-60.53	1.69	8.34	V
	5676	-50.72	-13	-37.72	-76.56	-57.76	2.73	9.77	V
	7566	-47.79	-13	-34.79	-75.4	-57.22	2.41	11.84	V
	9451	-48.42	-13	-35.42	-80.04	-58.36	2.58	12.52	V
	11352	-47.17	-13	-34.17	-81.73	-56.85	2.68	12.36	V
	13242	-45.32	-13	-32.32	-82.69	-55.67	2.99	13.34	V

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

**LTE Band 2A+12A**

LTE Band 2A+12A / 20MHz+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	3744	-42.21	-13	-29.21	-62.88	-48.82	1.68	8.29	H
	5616	-50.73	-13	-37.73	-76.44	-57.78	2.69	9.75	H
	7482	-48.53	-13	-35.53	-75.69	-57.86	2.44	11.76	H
									H
									H
									H
	3744	-53.87	-13	-40.87	-74.78	-60.48	1.68	8.29	V
	5616	-54.64	-13	-41.64	-80.29	-61.69	2.69	9.75	V
	7482	-49.34	-13	-36.34	-76.87	-58.67	2.44	11.76	V
									V
									V
									V

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

**LTE Band 2A+71A**

LTE Band 2A+71A / 20MHz+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	3744	-42.64	-13	-29.64	-63.51	-49.25	1.68	8.29	H
	5616	-49.87	-13	-36.87	-75.58	-56.92	2.69	9.75	H
	7482	-47.05	-13	-34.05	-74.21	-56.38	2.44	11.76	H
									H
									H
									H
	3744	-53.22	-13	-40.22	-74.13	-59.83	1.68	8.29	V
	5616	-53.71	-13	-40.71	-79.41	-60.76	2.69	9.75	V
	7482	-48.82	-13	-35.82	-76.23	-58.15	2.44	11.76	V
									V
									V
									V

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

**LTE Band 4A+5A**

LTE Band 4A+5A / 20MHz+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)
Lowest	3420	-43.61	-13	-30.61	-64.25	-49.68	1.58	7.65	H
	5136	-53.44	-13	-40.44	-77.76	-60.72	2.42	9.70	H
	6846	-44.63	-13	-31.63	-71.35	-52.61	2.64	10.62	H
									H
									H
									H
	3420	-44.01	-13	-31.01	-64.72	-50.08	1.58	7.65	V
	5136	-53.54	-13	-40.54	-77.77	-60.82	2.42	9.70	V
	6846	-47.06	-13	-34.06	-73.77	-55.04	2.64	10.62	V
									V
									V
									V
Middle	3450	-49.63	-13	-36.63	-70.56	-55.82	1.59	7.78	H
	5166	-55.46	-13	-42.46	-79.74	-62.73	2.43	9.70	H
	6894	-51.39	-13	-38.39	-78.15	-59.44	2.62	10.67	H
									H
									H
									H
	3450	-49.14	-13	-36.14	-69.91	-55.33	1.59	7.78	V
	5166	-55.55	-13	-42.55	-79.78	-62.82	2.43	9.70	V
	6894	-52.32	-13	-39.32	-79.09	-60.37	2.62	10.67	V
									V
									V
									V

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



LTE Band 4A+5A / 20MHz+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)
Highest	3474	-45.26	-13	-32.26	-66.32	-51.55	1.60	7.89	H
	5208	-51.12	-13	-38.12	-75.69	-58.36	2.46	9.70	H
	6942	-46.32	-13	-33.32	-73.13	-54.44	2.61	10.73	H
									H
									H
									H
	3474	-43.82	-13	-30.82	-64.69	-50.11	1.60	7.89	V
	5208	-52.72	-13	-39.72	-77.05	-59.96	2.46	9.70	V
	6942	-46.91	-13	-33.91	-73.76	-55.03	2.61	10.73	V
									V
									V
									V

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

**LTE Band 4A+12A**

LTE Band 4A+12A / 20MHz+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	3450	-48.92	-13	-35.92	-69.74	-55.11	1.59	7.78	H
	5166	-55.79	-13	-42.79	-80.15	-63.06	2.43	9.70	H
	6894	-51.59	-13	-38.59	-78.42	-59.64	2.62	10.67	H
									H
									H
									H
	3450	-49.09	-13	-36.09	-69.89	-55.28	1.59	7.78	V
	5166	-55.64	-13	-42.64	-79.84	-62.91	2.43	9.70	V
	6894	-50.56	-13	-37.56	-77.45	-58.61	2.62	10.67	V
									V
									V
									V

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

**LTE Band 25A+26A**

LTE Band 25A+26A / 20MHz+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)
Lowest	3702	-48.25	-13	-35.25	-69.05	-54.82	1.67	8.24	H
	5556	-54.51	-13	-41.51	-80.1	-61.58	2.66	9.72	H
	7404	-50.48	-13	-37.48	-77.52	-59.63	2.46	11.61	H
									H
									H
									H
	3702	-47.02	-13	-34.02	-67.9	-53.59	1.67	8.24	V
	5556	-53.91	-13	-40.91	-79.47	-60.98	2.66	9.72	V
	7404	-47.32	-13	-34.32	-74.5	-56.47	2.46	11.61	V
									V
									V
									V
Middle	3744	-47.78	-13	-34.78	-68.48	-54.39	1.68	8.29	H
	5616	-52.98	-13	-39.98	-78.64	-60.03	2.69	9.75	H
	7482	-51.19	-13	-38.19	-78.35	-60.52	2.44	11.76	H
									H
									H
									H
	3744	-47.71	-13	-34.71	-68.48	-54.32	1.68	8.29	V
	5616	-53.44	-13	-40.44	-79.07	-60.49	2.69	9.75	V
	7482	-50.69	-13	-37.69	-78.08	-60.02	2.44	11.76	V
									V
									V
									V



LTE Band 25A+26A / 20MHz+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)
High	3792	-49.66	-13	-36.66	-70.48	-56.31	1.70	8.35	H
	5688	-50.32	-13	-37.32	-76.26	-57.36	2.73	9.78	H
	7584	-50.61	-13	-37.61	-77.95	-60.06	2.40	11.85	H
									H
									H
									H
	3792	-46.74	-13	-33.74	-67.6	-53.39	1.70	8.35	V
	5688	-52.33	-13	-39.33	-78.16	-59.37	2.73	9.78	V
	7584	-47.96	-13	-34.96	-75.63	-57.41	2.40	11.85	V
									V
									V
									V

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

**LTE Band 12A+66A**

LTE Band 12A+66A / 10MHz+20MHz / 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)
Lowest	3420	-39.50	-13	-26.50	-60.12	-45.57	1.58	7.65	H
	5136	-53.93	-13	-40.93	-78.18	-61.21	2.42	9.70	H
	6846	-45.57	-13	-32.57	-72.31	-53.55	2.64	10.62	H
	11982	-46.06	-13	-33.06	-79.76	-55.68	2.68	12.30	H
	13693	-41.71	-13	-28.71	-79.5	-52.5	3.10	13.89	H
									H
	3420	-40.90	-13	-27.90	-61.57	-46.97	1.58	7.65	V
	5136	-54.14	-13	-41.14	-78.23	-61.42	2.42	9.70	V
	6846	-48.03	-13	-35.03	-74.72	-56.01	2.64	10.62	V
	11982	-48.49	-13	-35.49	-81.72	-58.11	2.68	12.30	V
	13693	-43.95	-13	-30.95	-81.94	-54.74	3.10	13.89	V
									V
Middle	3474	-43.42	-13	-30.42	-64.36	-49.71	1.60	7.89	H
	5208	-52.88	-13	-39.88	-77.42	-60.12	2.46	9.70	H
	6942	-47.56	-13	-34.56	-74.49	-55.68	2.61	10.73	H
									H
									H
									H
	3474	-44.27	-13	-31.27	-65.1	-50.56	1.60	7.89	V
	5208	-53.79	-13	-40.79	-78.2	-61.03	2.46	9.70	V
	6942	-48.33	-13	-35.33	-75.28	-56.45	2.61	10.73	V
									V
									V
									V



LTE Band 12A+66A / 10MHz+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)
Highest	3522	-47.61	-13	-34.61	-68.61	-54.03	1.61	8.03	H
	5286	-53.41	-13	-40.41	-78.2	-60.61	2.50	9.70	H
	7044	-50.10	-13	-37.10	-77.13	-58.41	2.58	10.89	H
									H
									H
									H
	3522	-47.84	-13	-34.84	-68.7	-54.26	1.61	8.03	V
	5286	-54.58	-13	-41.58	-79.27	-61.78	2.50	9.70	V
	7044	-51.47	-13	-38.47	-77.57	-59.78	2.58	10.89	V
									V
									V
									V

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

**LTE Band 5A+66A**

LTE Band 5A+66A / 10MHz+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	3474	-41.54	-13	-28.54	-62.48	-47.83	1.60	7.89	H
	5208	-52.81	-13	-39.81	-77.35	-60.05	2.46	9.70	H
	6942	-46.43	-13	-33.43	-73.36	-54.55	2.61	10.73	H
	10417	-45.85	-13	-32.85	-78.45	-55.52	2.69	12.37	H
									H
									H
	3474	-45.17	-13	-32.17	-66	-51.46	1.60	7.89	V
	5208	-53.91	-13	-40.91	-78.32	-61.15	2.46	9.70	V
	6942	-49.16	-13	-36.16	-76.11	-57.28	2.61	10.73	V
	10417	-48.66	-13	-35.66	-81.11	-58.33	2.69	12.37	V
									V
									V

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

**LTE Band 66A+71A**

LTE Band 66A+71A / 20MHz+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	3474	-45.92	-13	-32.92	-66.86	-52.21	1.60	7.89	H
	5208	-53.37	-13	-40.37	-77.91	-60.61	2.46	9.70	H
	6942	-47.74	-13	-34.74	-74.67	-55.86	2.61	10.73	H
	12150	-44.53	-13	-31.53	-78.57	-54.14	2.72	12.33	H
									H
									H
	3474	-44.78	-13	-31.78	-65.61	-51.07	1.60	7.89	V
	5208	-53.57	-13	-40.57	-77.98	-60.81	2.46	9.70	V
	6942	-47.60	-13	-34.60	-74.55	-55.72	2.61	10.73	V
	12150	-48.15	-13	-35.15	-81.62	-57.76	2.72	12.33	V
									V
									V

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

**LTE Band 12A+30A**

LTE Band 12A+30A / 10MHz+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)
Lowest	4608	-50.44	-40	-10.44	-73.16	-57.24	2.11	8.92	H
	6918	-51.27	-40	-11.27	-78.14	-59.35	2.62	10.70	H
	9216	-43.47	-40	-3.47	-73.45	-53.55	2.53	12.61	H
									H
									H
									H
	4608	-48.64	-40	-8.64	-71.37	-55.44	2.11	8.92	V
	6918	-50.78	-40	-10.78	-77.65	-58.86	2.62	10.70	V
	9216	-47.20	-40	-7.20	-77.6	-57.28	2.53	12.61	V
									V
									V
									V
Middle	4614	-46.90	-40	-6.90	-79.76	-53.71	2.11	8.93	H
	6924	-51.26	-40	-11.26	-88.24	-59.35	2.62	10.71	H
	9234	-40.45	-40	-0.45	-80.65	-50.52	2.53	12.61	H
									H
									H
									H
	4614	-44.77	-40	-4.77	-77.63	-51.58	2.11	8.93	V
	6924	-51.17	-40	-11.17	-88.15	-59.26	2.62	10.71	V
	9234	-48.71	-40	-8.71	-89.32	-58.78	2.53	12.61	V
									V
									V
									V



LTE Band 12A+30A / 10MHz+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)
Highest	4620	-45.44	-40	-5.44	-68.2	-52.26	2.12	8.94	H
	6930	-51.16	-40	-11.16	-78.06	-59.26	2.61	10.72	H
	9234	-43.45	-40	-3.45	-73.57	-53.52	2.53	12.61	H
									H
									H
									H
	4620	-45.19	-40	-5.19	-67.95	-52.01	2.12	8.94	V
	6930	-50.42	-40	-10.42	-77.32	-58.52	2.61	10.72	V
	9234	-47.15	-40	-7.15	-77.68	-57.22	2.53	12.61	V
									V
									V
									V

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

**LTE Band 5A+30A**

LTE Band 5A+30A / 10MHz+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	4614	-47.72	-40	-7.72	-70.48	-54.53	2.11	8.93	H
	6918	-49.84	-40	-9.84	-76.79	-57.92	2.62	10.70	H
	9216	-42.01	-40	-2.01	-72.05	-52.09	2.53	12.61	H
									H
									H
									H
	4614	-46.38	-40	-6.38	-69.07	-53.19	2.11	8.93	V
	6918	-48.61	-40	-8.61	-75.55	-56.69	2.62	10.70	V
	9216	-46.16	-40	-6.16	-76.49	-56.24	2.53	12.61	V
									V
									V
									V

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



<Ant. 4+0>

LTE Band 2A+4A

LTE Band 2A+4A / 20MHz+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	3450	-54.01	-13	-41.01	-74.1	-60.2	1.59	7.78	H
	3744	-53.69	-13	-40.69	-74.13	-60.3	1.68	8.29	H
	5610	-56.74	-13	-43.74	-81.93	-63.8	2.69	9.74	H
	6890	-55.86	-13	-42.86	-82.23	-63.9	2.63	10.67	H
	7482	-53.37	-13	-40.37	-80.35	-62.7	2.44	11.76	H
	13788	-44.84	-13	-31.84	-82.42	-55.7	3.13	13.99	H
									H
	3450	-41.51	-13	-28.51	-61.73	-47.7	1.59	3450	V
	3744	-44.89	-13	-31.89	-65.66	-51.5	1.68	3744	V
	5610	-56.54	-13	-43.54	-81.93	-63.6	2.69	5610	V
	6890	-55.76	-13	-42.76	-82.15	-63.8	2.63	6890	V
	7482	-52.97	-13	-39.97	-80.35	-62.3	2.44	7482	V
	13788	-42.44	-13	-29.44	-80.09	-53.3	3.13	13788	V
									V

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

**LTE Band 2A+66A**

LTE Band 2A+66A / 20MHz+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	3474	-40.81	-13	-27.81	-61.37	-47.1	1.60	7.89	H
	3744	-43.29	-13	-30.29	-63.58	-49.9	1.68	8.29	H
	5208	-56.36	-13	-43.36	-80.17	-63.6	2.46	9.70	H
	6942	-55.18	-13	-42.18	-81.85	-63.3	2.61	10.73	H
	7482	-52.87	-13	-39.87	-79.62	-62.2	2.44	11.76	H
	9378	-49.11	-13	-36.11	-80.01	-59.1	2.56	12.55	H
									H
	3474	-51.81	-13	-38.81	-72.23	-58.1	1.60	7.89	V
	3744	-53.29	-13	-40.29	-73.54	-59.9	1.68	8.29	V
	5208	-56.86	-13	-43.86	-81.11	-64.1	2.46	9.70	V
	6942	-55.48	-13	-42.48	-82.15	-63.6	2.61	10.73	V
	7482	-53.07	-13	-40.07	-80.24	-62.4	2.44	11.76	V
	9378	-50.01	-13	-37.01	-81.16	-60	2.56	12.55	V
									V

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

**LTE Band 2A+30A**

LTE Band 2A+30A / 20MHz+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	4614	-50.29	-40	-10.29	-72.51	-57.1	2.11	8.93	H
	6918	-52.62	-40	-12.62	-79.39	-60.7	2.62	10.70	H
	9216	-46.02	-40	-6.02	-75.96	-56.1	2.53	12.61	H
	13842	-44.60	-40	-4.60	-82.38	-55.5	3.14	14.04	H
									H
									H
									H
	4614	-48.29	-40	-8.29	-70.46	-55.1	2.11	8.93	V
	6918	-52.62	-40	-12.62	-79.77	-60.7	2.62	10.70	V
	9216	-48.02	-40	-8.02	-78.18	-58.1	2.53	12.61	V
	13842	-42.70	-40	-2.70	-80.63	-53.6	3.14	14.04	V
									V
									V
									V
									V
									V

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



<Ant. 2+0>

LTE Band 30A+66A

LTE Band 30A+66A / 10MHz+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	3474	-47.04	-13	-34.04	-68.08	-53.33	1.60	7.89	H
	5208	-53.15	-13	-40.15	-77.7	-60.39	2.46	9.70	H
	6942	-47.31	-13	-34.31	-74.15	-55.43	2.61	10.73	H
									H
									H
									H
									H
	3474	-46.82	-13	-33.82	-67.65	-53.11	1.60	7.89	V
	5208	-54.85	-13	-41.85	-79.15	-62.09	2.46	9.70	V
	6942	-47.12	-13	-34.12	-73.99	-55.24	2.61	10.73	V
									V
									V
									V
									V

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



<Ant. 4+2>

LTE Band 25A+41A

LTE Band 25A+41A / 20MHz+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	3744	-34.09	-13	-9.09	-55	-40.7	1.68	8.29	H
	5616	-53.75	-13	-28.75	-79.2	-60.8	2.69	9.75	H
	7482	-51.77	-13	-26.77	-78.9	-61.1	2.44	11.76	H
									H
									H
									H
	3744	-42.49	-13	-17.49	-62.9	-49.1	1.68	8.29	V
	5616	-55.65	-13	-30.65	-81.07	-62.7	2.69	9.75	V
	7482	-54.67	-13	-29.67	-81.43	-64	2.44	11.76	V
									V
									V
									V

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



<Ant. 0+2>

LTE Band 26A+41A

LTE Band 26A+41A / 15MHz+20MHz / 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	1660	-44.88	-13	-19.88	-66.6	-46.6	0.98	4.85	H
	2490	-28.17	-13	-3.17	-54.76	-30.1	1.29	5.37	H
	3316	-57.01	-13	-32.01	-76.78	-60.5	1.55	7.19	H
	4152	-50.57	-13	-25.57	-71.82	-55.2	1.85	8.63	H
									H
									H
	1660	-48.18	-13	-23.18	-70.41	-49.9	0.98	4.85	V
	2490	-26.37	-13	-1.37	-53.84	-28.3	1.29	5.37	V
	3316	-57.01	-13	-32.01	-77.21	-60.5	1.55	7.19	V
	4152	-49.97	-13	-24.97	-71.08	-54.6	1.85	8.63	V
									V
									V

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