

FCC/ISED Variant Test Report

Product Name : LE910C4-NF
Trade Name : 
Model No. : LE910C4-NF
FCC ID : RI7LE910CXNF
IC ID : 5131A-LE910CXNF

Applicant : Telit Communications S.p.A.

Address : Via Stazione di Prosecco. 5/b, 34010, Sgonico, Trieste, Italy

Date of Receipt : Aug. 19, 2019

Issued Date : Dec. 23, 2019

Report No. : 1980255R-HPUSP17V00-C

Report Version : V1.0



The test results relate only to the samples tested.

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Test Report Certification

Issued Date : Dec. 23, 2019

Report No. : 1980255R-HPUSP17V00-C



Product Name : LE910C4-NF
Applicant : Telit Communications S.p.A.
Address : Via Stazione di Prosecco. 5/b, 34010, Sgonico, Trieste, Italy
Manufacturer : TELIT WIRELESS SOLUTIONS CO., LTD
Address : 13th Fl., Shinyoung Securities Bld, 6, Gukjegeumyung-ro 8-gil, Yeongdeungpo-gu, Seoul, 07330, Korea
Trade name : 
Model No. : LE910C4-NF
FCC ID : RI7LE910CXNF
IC ID : 5131A-LE910CXNF
EUT Voltage : DC 3.8V
Testing Voltage : DC 3.8V
Applicable Standard : FCC CFR Title 47 Part 22 Subpart H
FCC CFR Title 47 Part 24 Subpart E
FCC CFR Title 47 Part 27 Subpart L, Subpart F
FCC CFR Title 47 Part 90 Subpart R
ANSI/TIA-603
KDB 971168 D01 Power Meas License Digital Systems v03
RSS-130 Issue 2, RSS-132 Issue 3, RSS-133 Issue 6
RSS-139 Issue 3, RSS-140 Issue 1, RSS-Gen Issue 5
Test Lab : Hsin Chu Laboratory
Address : No.372-2, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County 310, Taiwan, R.O.C.
TEL: +886-3-582-8001 / FAX: +886-3-582-8958
Test Result : Complied

Documented By :



(Demi Chang / Senior Engineering Adm. Specialist)

Tested By :



(Max Chang / Senior Engineer)

Approved By :



(Louis Hsu / Deputy Manager)

Revision History

Report No.	Version	Description	Issued Date
1980255R-HPUSP17V00-C	V1.0	This is variant report. This test report is transferred from the original report (Report No.:1870209R-HPUSP17V00 for following changes: 1. Verify RF Output Power and Radiated Spurious Emission tests, (1) Not mounted DCDC component area removed, (2) some logic components shifted to secure soldering PADs due to shield frame change. 2. Revised the applicant company name and address. 3. Revised the manufacturer company name. 4. Modify the HW version: 1.10, SW version: C4 (M0F.660005-B004), C1 (M0F.260005-B004)	Dec. 23, 2019

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1. General Information

1.1. EUT Description

Product Name	LE910C4-NF	
Trade Name		
Model No.	LE910C4-NF	
Uplink Frequency Range (MHz)	Band 2: 1850~1910 Band 4: 1710~1755 Band 5: 824~849 Band 12: 699~716	Band 13: 777~787 Band 14: 788~798 Band 66: 1710~1780 Band 71: 663~698
Downlink Frequency Range (MHz)	Band 2: 1930~1990 Band 4: 2110~2115 Band 5: 869~894 Band 12: 729~746	Band 13: 746~756 Band 14: 758~768 Band 66: 2110~2200 Band 71: 617~652
Modulation	QPSK / 16QAM	
HW Version	1.10	
SW (C4) Version	M0F.660005-B004	
SW (C1) Version	M0F.260005-B004	
IMEI No.	354328099989383	

Accessories Information	
Antenna	3 Pcs

Antenna Information	
Product Name	HNS (HANKOOK NETWORK SOLUTION)
Model No.	WE14-LF-07
Antenna Type	Dipole Antenna
Antenna Gain	Band 2/4/66: 3.5dBi Band 5/12/13/14/71: 1.5dBi

Note:

1. This LE910C4-NF support WCDMA Band 2/4/5 and LTE Band 2/4/5/12/13/14/66/71.
2. Regards to the frequency band operation: the lowest, middle and highest frequency of channel were selected to perform the test, then shown on this report.
3. Plan to measure and report conducted power on all possible UL CA combinations, then implement test reduction for spurious emission. We have pre-scanned the RF output power on all modes. According to the results, the worst case was selected from RF output power to test Spurious Emissions.
4. The EUT description is from the customer declaration.

1.2. Report History

Report No.	Version	Description	Issued Date
1870209R-HPUSP17V00-A	V1.0	Initial issue of report	Aug. 23, 2018
1980255R-HPUSP17V00-C	V1.0	This is variant report for following changes: 1. Verify RF Output Power and Radiated Spurious Emission tests, (1) Not mounted DCDC component area removed, (2) some logic components shifted to secure soldering PADs due to shield frame change. 2. Revised the applicant company name and address. 3. Revised the manufacturer company name. 4. Modify the HW version: 1.10, SW version: C4 (M0F.660005-B004), C1 (M0F.260005-B004)	Dec. 23, 2019

1.3. Mode of Operation

DEKRA has verified the construction and function in typical operation. All the test modes were carried out with the EUT in normal operation, which was shown in this test report and defined as:

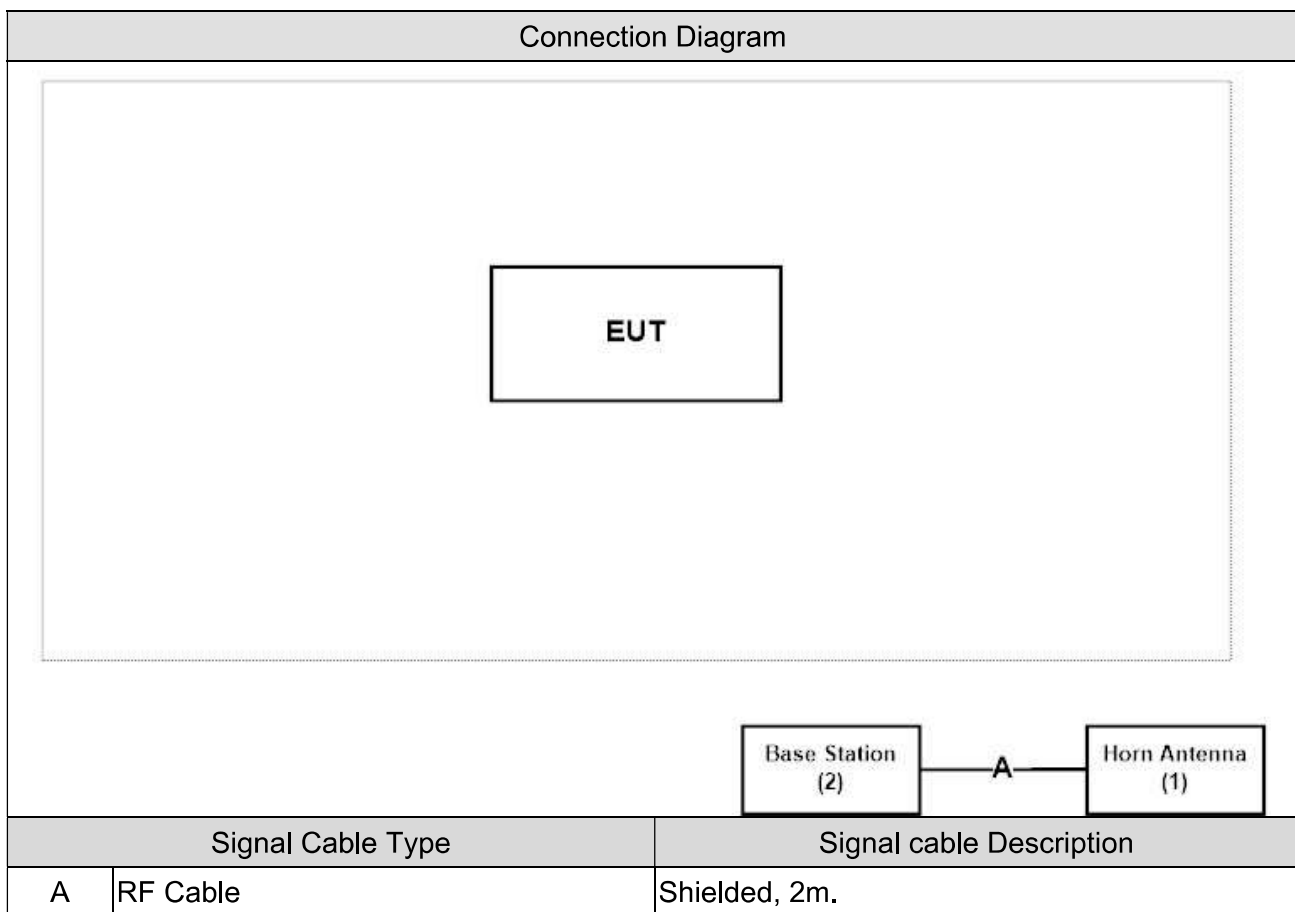
Test Mode
Mode 1: LTE Band 2
Mode 2: LTE Band 4
Mode 3: LTE Band 5
Mode 4: LTE Band 12
Mode 5: LTE Band 13
Mode 6: LTE Band 14
Mode 7: LTE Band 66
Mode 8: LTE Band 71

1.4. Tested System Details

The types for all equipment, plus descriptions of all cables used in the tested system (including inserted cards) are:

Product	Manufacturer	Model No.	Serial No.	FCC ID	Power Cord
1 Horn Antenna	ELECTRO METRICS	EM-6961	103326	DoC	--
2 Base Station	R&S	CMW500	106071	DoC	--

1.5. Configuration of Tested System



1.6. EUT Exercise Software

1	Setup the EUT and simulators as shown on 1.4.
2	Turn on the power of all equipment. Horn link with base station.
3	The EUT link with base station and it will continue receive the signal.
4	Repeat the above procedure.

2. Technical Test

2.1. Summary of Test Result

B2

Uplink: 1850-1910MHz

Downlink: 1930-1990MHz

LTE B2					
FCC Part 24 Subpart E					
Industry Canada RSS-133, issue 6, Industry Canada RSS-GEN					
Test item	FCC Reference section	FCC Limit	IC Reference section	IC Limit	Result
RF Output Power	§2.1033 §2.1046 §24.232	<2 Watts	§6.4	<2 Watts	Pass
Occupied Bandwidth	§2.1049	N/A	RSS-GEN §4.2	N/A	N/A
Peak-to-average power ratio	§24.232	<13 dB	§6.4	<13 dB	N/A
Spurious Emissions	§2.1053 §24.238	<-13dBm	§6.5	<-13dBm	Pass
Spurious Emissions at Antenna Terminals	§27.238	<-13dBm	§6.5	<-13dBm	N/A
Frequency Stability	§2.1055 §24.235	<±2.5 ppm	§6.3	<±2.5 ppm	N/A

B4

Uplink: 1710-1755MHz

Downlink: 2100-2155MHz

LTE B4					
FCC Part 27 Subpart L					
Industry Canada RSS-139, issue 3, Industry Canada RSS-GEN					
Test item	FCC Reference section	FCC Limit	IC Reference section	IC Limit	Result
RF Output Power	§2.1033 §2.1046 §27.50	<1 Watt	§6.5	<1 Watt	Pass
Occupied Bandwidth	§2.1049	N/A	RSS-GEN §4.2	N/A	N/A
Peak-to-average power ratio	§27.50	<13 dB	§6.5	<13 dB	N/A
Spurious Emissions	§2.1053 §27.53	<-13dBm	§6.6	<-13dBm	Pass
Spurious Emissions at Antenna Terminals	§27.53	<-13dBm	§6.6	<-13dBm	N/A
Frequency Stability	§2.1055 §27.54	<2.5 ppm	§6.4	Within the frequency range	N/A

B5

Uplink: 824-849MHz

Downlink: 869-894MHz

LTE B5					
FCC Part 22 Subpart H					
Industry Canada RSS-132, issue 3, Industry Canada RSS-GEN					
Test item	FCC Reference section	FCC Limit	IC Reference section	IC Limit	Result
RF Output Power	§2.1033 §2.1046 §22.913	<7 Watts	§5.4	<7 Watts EIRP: <11.5 Watts	Pass
Occupied Bandwidth	§2.1049	N/A	RSS-GEN §4.2	N/A	N/A
Peak-to-average power ratio	§22.913	<13 dB	§5.4	<13 dB	N/A
Spurious Emissions	§2.1053 §22.917	<-13dBm	§5.5	<-13dBm	Pass
Spurious Emissions at Antenna Terminals	§22.917	<-13dBm	§5.5	<-13dBm	N/A
Frequency Stability	§2.1055 §22.335	<±2.5 ppm	§5.3	<±2.5 ppm for mobile stations <±1.5 ppm for base stations	N/A

B12

Uplink: 699-716MHz

Downlink: 729-746MHz

LTE B12					
FCC Part 27 Subpart F					
Industry Canada RSS-130, issue 2, Industry Canada RSS-GEN					
Test item	FCC Reference section	FCC Limit	IC Reference section	IC Limit	Result
RF Output Power	§2.1033 §2.1046 §27.50	<3 Watts	§4.4	<3 Watts E.R.P for portable equipment or for indoor fixed subscriber equipment.	Pass
Occupied Bandwidth	§2.1049	N/A	§4.2	N/A	N/A
Peak-to-average power ratio	§27.50	<13 dB	§4.4	<13 dB	N/A
Spurious Emissions	§2.1053 §27.53	<-13dBm	§4.6	<-13dBm The e.i.r.p. in the band 1559-1610 MHz shall not exceed -70 dBW/MHz for wideband signal and -80 dBW for discrete emission with bandwidth less than 700 Hz.	Pass
Spurious Emissions at Antenna Terminals	§27.53	<-13dBm	§4.6	<-13dBm	N/A
Frequency Stability	§2.1055 §27.54	<±2.5 ppm	§4.3	Within the frequency range	N/A

B13

Uplink: 777-787MHz

Downlink: 746-756MHz

LTE B13					
FCC Part 27 Subpart F					
Industry Canada RSS-130, issue 2, Industry Canada RSS-GEN					
RF Output Power	FCC Reference section	FCC Limit	IC Reference section	IC Limit	Result
RF Output Power	§2.1055 §27.54	<±2.5 ppm	§4.3	Within the frequency range	Pass
Occupied Bandwidth	§2.1033 §2.1046 §27.50	<3 Watts	§4.4	<3 Watts E.R.P for portable equipment or for indoor fixed subscriber equipment.	N/A
Peak-to-average power ratio	§2.1049	N/A	RSS-GEN §4.2	N/A	N/A
Spurious Emissions	§27.50	<-13 dB	§4.4	<13 dB	Pass
Spurious Emissions at Antenna Terminals	§2.1053 §27.53	<-13dBm	§4.6	<-13dBm	N/A
Frequency Stability	§27.53	<-13dBm	§4.6	<-13dBm	N/A

B14

Uplink: 788-798MHz

Downlink: 758-768MHz

LTE B14					
FCC Part 90 Subpart R					
Industry Canada RSS-140, issue 1, Industry Canada RSS-GEN					
Test item	FCC Reference section	FCC Limit	IC Reference section	IC Limit	Result
RF Output Power	§2.1033 §2.1046 §90.542	<3 Watts ERP	§4.3	<3 Watts ERP	Pass
Occupied Bandwidth	§2.1049	N/A	RSS-GEN §4.2	N/A	N/A
Peak-to-average power ratio	§27.50	<13 dB	§4.3	<13 dB	N/A
Spurious Emissions	§2.1053 §90.543	<-13dBm	§4.4	<-13dBm <-70 dBW/MHz e.i.r.p.of all emissions, including harmonics in the band 1559-1610 MHz.	Pass
Spurious Emissions at Antenna Terminals	§90.543	<-35dBm	§4.4	<-35dBm for mobile and portable/hand-held equipment	N/A
Frequency Stability	§2.1055 §90.543	<±2.5 ppm	§4.2	Within the frequency range	N/A

B66

Uplink: 1710~1780MHz

Downlink: 2110~2200MHz

LTE B66					
FCC Part 27 Subpart L					
Industry Canada RSS-139, issue 3, Industry Canada RSS-GEN					
Test item	FCC Reference section	FCC Limit	IC Reference section	IC Limit	Result
RF Output Power	§2.1033 §2.1046 §27.50	<1 Watts	§6.5	<1 Watts	Pass
Occupied Bandwidth	§2.1049	N/A	RSS-GEN §4.2	N/A	N/A
Peak-to-average power ratio	§27.50	<13 dB	§6.5	<13 dB	N/A
Spurious Emissions	§2.1053 §27.53	<-13dBm	§6.6	<-13dBm	Pass
Spurious Emissions at Antenna Terminals	§27.53	<-13dBm	§6.6	<-13dBm	N/A
Frequency Stability	§2.1055 §27.54	<2.5 ppm	§6.4	Within the frequency range	N/A

B71

Uplink: 663~698MHz

Downlink: 617~652MHz

LTE B71			
FCC Part 27 Subpart F			
Test item	FCC Reference section	FCC Limit	Result
RF Output Power	§2.1033 §2.1046 §27.50	<3 Watts	Pass
Occupied Bandwidth	§2.1049	N/A	N/A
Peak-to-average power ratio	§27.50	<13 dB	N/A
Spurious Emissions	§2.1053 §27.53	<-13dBm	Pass
Spurious Emissions at Antenna Terminals	§27.53	<-13dBm	N/A
Frequency Stability	§2.1055 §27.54	<2.5 ppm	N/A

2.2. Test Environment

Items	Required	Test Site
Temperature (°C)	15-35	2 & 3
Humidity (%RH)	25-75	

Note: Test site information refers to Laboratory Information.

Laboratory Information

USA : FCC Registration Number: TW3024
Canada : IC Registration Number: 22397-1 / 22397-2 / 22397-3

The address and introduction of DEKRA Testing and Certification Co., Ltd. laboratories can be founded in our Web site: <http://www.dekra.com.tw>

If you have any comments, please don't hesitate to contact us. Our test sites as below:

Test Laboratory	DEKRA Testing and Certification Co., Ltd.
Address	1. No. 75-2, 3rd Lin, WangYe Keng, Yonghxing Tsuen, Qionglin Shiang, Hsinchu County 307, Taiwan, R.O.C. 2. No.372, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County 31061, Taiwan, R.O.C. 3. No.372-2, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County 31061, Taiwan, R.O.C.
Phone number	1. +886-3-592-8858 2. +886-3-582-8001 3. +886-3-582-8001
Fax number	1. +886-3-592-8859 2. +886-3-582-8958 3. +886-3-582-8958
E mail address	info.tw@dekra.com
Website	http://www.dekra.com.tw

2.3. List of Test Equipment

RF Output Power / SR10-H

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
Signal & Spectrum Analyzer	R&S	FSV40	101049	2019/09/11	2020/09/10
EXA Signal Analyzer	Keysight	N9010A	MY51440132	2019/03/15	2020/03/14
Spectrum Analyzer	Keysight	N9030B	MY57140404	2019/06/18	2020/06/17
Spectrum Analyzer	Keysight	N9010B	MY57110159	2019/05/03	2020/05/02
Wireless Conn. Tseter	R&S	CMW500	157118	2019/08/08	2020/08/07
Wideband Radio Communication Tester	R&S	CMW500	106071	2019/01/16	2020/01/15

Spurious Emissions (Radiated) / CB2-H

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
Horn Antenna	Schwarzbeck	BBHA 9120D	639	2019/05/28	2020/05/27
Bilog Antenna	Teseq	CBL6112D	23191	2019/06/17	2020/06/16
Signal & Spectrum Analyzer	R&S	FSV40	101049	2019/09/11	2020/09/10
EXA Signal Analyzer	Keysight	N9010A	MY51440132	2019/03/15	2020/03/14
Signal Analyzer	R&S	FSVA40	101455	2019/10/21	2020/10/20
Horn Antenna	Schwarzbeck	BBHA 9170	202	2019/01/16	2020/01/15
Pre-Amplifier	DEKRA	AP-400C	201801231	2019/12/03	2020/12/02
Pre-Amplifier	EMCI	EMC11830I	980366	2019/12/03	2020/12/02
Horn Antenna	Schwarzbeck	BBHA 9120D	01656	2019/10/25	2020/10/24
Pre-Amplifier	DEKRA	AP-025C	201801236	2019/09/24	2020/09/23
Signal Analyzer	R&S	FSV40	101435	2019/07/08	2020/07/07
Wideband Radio Communication Tester	R&S	CMW500	106071	2019/01/16	2020/01/15
Wireless Conn. Tseter	R&S	CMW500	157118	2019/08/08	2020/08/07
Coaxial Cable(16m)	Huber+Suhner	SF104	CB2-H	2019/07/25	2020/07/24
EMI system	DEKRA	Version 1.0	CB2-H	NA	NA

Note: All equipment upon which need to calibrated are with calibration period of 1 year.

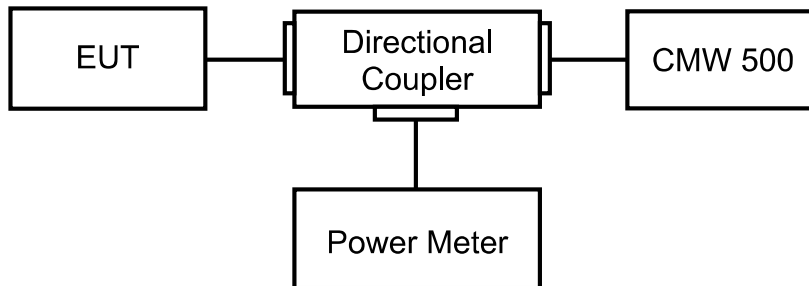
2.4. Uncertainty

Test Item	Uncertainty
RF Output Power	$\pm 1.27\text{dB}$
Spurious Emissions (Radiated)	$\pm 3.2\text{ dB}$

Note: Determining compliance shall be based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

3. RF Output Power

3.1. Test Setup



3.2. Test Procedure

- The RF output of the transmitter was connected to base station simulator.
- The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
- Set EUT at maximum average power by base station simulator.
- Measure lowest, middle, and highest channels for each bandwidth and different modulation.

Effective Isotropic Radiated Power = Conducted Power(dBm) + Antenna Gain(dBi)

Effective Radiated Power = Conducted Power(dBm) + Antenna Gain(dBi) - 2.15dB

3.3. Test Method

KDB 971168 D01 Power Meas License Digital Systems v03 sub-clause 5.2.4

ANSI C63.26: 2015 Sub-clause 5.2.4.2

3.4. Test Result

Product	LE910C4-NF		
Test Item	RF Output Power		
Test Mode	Mode 1: LTE Band 2		
Date of Test	2019/11/26	Test Site	SR10-H
Temperature:	23 °C	Humidity:	61%

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 2 / 1.4MHz	CH 18607 1850.7MHz	QPSK	1	0	0	23.93	0.553	2
				2		24.29	0.601	2
				5		23.96	0.557	2
			3	0	0	23.93	0.553	2
				1		23.92	0.552	2
				3		24.02	0.565	2
			6	0	1	22.89	0.436	2
		16-QAM	1	0	1	23.13	0.460	2
				2		23.11	0.458	2
				5		22.79	0.426	2
			3	0	1	22.96	0.443	2
				1		22.96	0.443	2
				3		23.17	0.465	2
			6	0	2	21.99	0.354	2

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 2 / 1.4MHz	CH 18900 1880MHz	QPSK	1	0	0	24.01	0.564	2
				2		24.14	0.581	2
				5		24.08	0.573	2
			3	0	0	24.13	0.579	2
				1		24.12	0.578	2
				3		24.12	0.578	2
			6	0	1	22.98	0.445	2
		16-QAM	1	0	1	23.26	0.474	2
				2		23.19	0.467	2
				5		23.28	0.476	2
			3	0	1	23.34	0.483	2
				1		23.09	0.456	2
				3		23.09	0.456	2
			6	0	2	21.81	0.340	2

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 2 / 1.4MHz	CH 19193 1909.3MHz	QPSK	1	0	0	23.64	0.518	2
				2		23.92	0.552	2
				5		23.89	0.548	2
			3	0	0	23.83	0.541	2
				1		23.83	0.541	2
				3		23.79	0.536	2
			6	0	1	22.62	0.409	2
		16-QAM	1	0	1	22.66	0.413	2
				2		22.58	0.406	2
				5		22.51	0.399	2
			3	0	1	22.76	0.423	2
				1		22.76	0.423	2
				3		22.66	0.413	2
			6	0	2	21.39	0.308	2

Product	LE910C4-NF		
Test Item	RF Output Power		
Test Mode	Mode 1: LTE Band 2		
Date of Test	2019/11/26	Test Site	SR10-H
Temperature:	23 °C	Humidity:	61%

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 2 / 3MHz	CH 18615 1851.5MHz	QPSK	1	0	0	23.88	0.547	2
				7		23.82	0.540	2
				14		23.82	0.540	2
			8	0	1	23.00	0.447	2
				4		23.01	0.448	2
				7		22.90	0.437	2
			15	0	1	22.98	0.445	2
		16-QAM	1	0	1	23.20	0.468	2
				7		23.12	0.459	2
				14		23.11	0.458	2
			8	0	2	22.25	0.376	2
				4		22.17	0.369	2
				7		22.21	0.372	2
			15	0	2	22.01	0.356	2

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 2 / 3MHz	CH 18900 1880MHz	QPSK	1	0	0	24.02	0.565	2
				7		24.00	0.562	2
				14		23.91	0.551	2
			8	0	1	22.86	0.433	2
				4		22.87	0.434	2
				7		22.97	0.444	2
			15	0	1	22.95	0.442	2
		16-QAM	1	0	1	23.09	0.456	2
				7		23.01	0.448	2
				14		22.91	0.438	2
			8	0	2	21.97	0.352	2
				4		21.98	0.353	2
				7		22.14	0.366	2
			15	0	2	21.93	0.349	2

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 2 / 3MHz	CH 19185 1908.5MHz	QPSK	1	0	0	23.82	0.540	2
				7		23.63	0.516	2
				14		23.71	0.526	2
			8	0	1	22.67	0.414	2
				4		22.68	0.415	2
				8		22.65	0.412	2
			15	0	1	22.75	0.422	2
		16-QAM	1	0	1	22.60	0.407	2
				7		22.44	0.393	2
				14		22.41	0.390	2
			8	0	2	21.66	0.328	2
				4		21.57	0.321	2
				7		21.45	0.313	2
			15	0	2	21.64	0.327	2

Product	LE910C4-NF		
Test Item	RF Output Power		
Test Mode	Mode 1: LTE Band 2		
Date of Test	2019/11/26	Test Site	SR10-H
Temperature:	23 °C	Humidity:	61%

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 2 / 5MHz	CH 18625 1852.5MHz	QPSK	1	0	0	23.71	0.526	2
				12		23.94	0.555	2
				24		23.80	0.537	2
			12	0	1	22.93	0.440	2
				6		22.94	0.441	2
				13		22.90	0.437	2
			25	0	1	22.95	0.442	2
		16-QAM	1	0	1	22.26	0.377	2
				12		22.29	0.379	2
				24		22.24	0.375	2
			12	0	2	21.97	0.352	2
				6		21.75	0.335	2
				13		21.80	0.339	2
			25	0	2	22.15	0.367	2

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 2 / 5MHz	CH 18900 1880MHz	QPSK	1	0	0	24.03	0.566	2
				12		23.93	0.553	2
				24		23.58	0.511	2
			12	0	1	22.95	0.442	2
				6		22.97	0.444	2
				13		23.01	0.448	2
			25	0	1	23.02	0.449	2
		16-QAM	1	0	1	23.56	0.508	2
				12		23.55	0.507	2
				24		23.25	0.473	2
			12	0	2	22.12	0.365	2
				6		22.06	0.360	2
				13		21.81	0.340	2
			25	0	2	21.96	0.352	2

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 2 / 5MHz	CH 19175 1907.5MHz	QPSK	1	0	0	23.66	0.520	2
				12		23.56	0.508	2
				24		23.62	0.515	2
			12	0	1	22.82	0.429	2
				6		22.74	0.421	2
				13		22.59	0.406	2
			25	0	1	22.65	0.412	2
		16-QAM	1	0	1	22.73	0.420	2
				12		22.48	0.396	2
				24		22.33	0.383	2
			12	0	2	21.70	0.331	2
				6		21.72	0.333	2
				13		21.50	0.316	2
			25	0	2	21.82	0.340	2

Product	LE910C4-NF		
Test Item	RF Output Power		
Test Mode	Mode 1: LTE Band 2		
Date of Test	2019/11/26	Test Site	SR10-H
Temperature:	23 °C	Humidity:	61%

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 2 / 10MHz	CH 18650 1855MHz	QPSK	1	0	0	23.94	0.555	2
				24		24.18	0.586	2
				49		24.04	0.568	2
			25	0	1	22.86	0.433	2
				12		22.87	0.434	2
				25		22.87	0.434	2
			50	0	1	22.92	0.439	2
		16-QAM	1	0	1	23.21	0.469	2
				24		23.02	0.449	2
				49		23.26	0.474	2
			25	0	2	22.03	0.357	2
				12		22.05	0.359	2
				25		21.92	0.348	2
			50	0	2	21.95	0.351	2

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 2 / 10MHz	CH 18900 1880MHz	QPSK	1	0	0	24.03	0.566	2
				24		24.06	0.570	2
				49		23.92	0.552	2
			25	0	1	23.10	0.457	2
				12		23.12	0.459	2
				25		22.96	0.443	2
			50	0	1	22.99	0.446	2
		16-QAM	1	0	1	23.42	0.492	2
				24		23.78	0.535	2
				49		22.94	0.441	2
			25	0	2	22.09	0.362	2
				12		21.99	0.354	2
				25		22.03	0.357	2
			50	0	2	22.13	0.366	2

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 2 / 10MHz	CH 19150 1905MHz	QPSK	1	0	0	23.95	0.556	2
				24		24.09	0.574	2
				49		23.87	0.546	2
			25	0	1	22.79	0.426	2
				12		22.80	0.427	2
				25		22.65	0.412	2
			50	0	1	22.83	0.430	2
		16-QAM	1	0	1	22.59	0.406	2
				24		22.67	0.414	2
				49		22.43	0.392	2
			25	0	2	22.02	0.356	2
				12		21.93	0.349	2
				25		21.80	0.339	2
			50	0	2	21.71	0.332	2

Product	LE910C4-NF		
Test Item	RF Output Power		
Test Mode	Mode 1: LTE Band 2		
Date of Test	2019/11/26	Test Site	SR10-H
Temperature:	23 °C	Humidity:	61%

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 2 / 15MHz	CH 18675 1857.5MHz	QPSK	1	0	0	23.86	0.545	2
				37		23.92	0.552	2
				74		23.86	0.545	2
			36	0	1	22.82	0.429	2
				19		22.82	0.429	2
				38		23.01	0.448	2
			75	0	1	22.83	0.430	2
		16-QAM	1	0	1	23.18	0.466	2
				37		23.13	0.460	2
				74		22.84	0.431	2
			36	0	2	21.89	0.346	2
				19		21.89	0.346	2
				38		22.11	0.364	2
			75	0	2	21.98	0.353	2

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 2 / 15MHz	CH 18900 1880MHz	QPSK	1	0	0	24.08	0.573	2
				37		24.18	0.586	2
				74		23.94	0.555	2
			36	0	1	23.10	0.457	2
				19		23.12	0.459	2
				38		22.94	0.441	2
			75	0	1	22.99	0.446	2
		16-QAM	1	0	1	23.39	0.489	2
				37		23.38	0.488	2
				74		23.68	0.522	2
			36	0	2	21.95	0.351	2
				19		21.97	0.352	2
				38		21.83	0.341	2
			75	0	2	22.08	0.361	2

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 2 / 15MHz	CH 19125 1902.5MHz	QPSK	1	0	0	23.69	0.524	2
				37		23.83	0.541	2
				74		23.35	0.484	2
			36	0	1	22.81	0.428	2
				19		22.81	0.428	2
				38		22.72	0.419	2
			75	0	1	22.77	0.424	2
		16-QAM	1	0	1	23.00	0.447	2
				37		22.95	0.442	2
				74		22.75	0.422	2
			36	0	2	21.92	0.348	2
				19		21.83	0.341	2
				38		21.79	0.338	2
			75	0	2	21.70	0.331	2

Product	LE910C4-NF		
Test Item	RF Output Power		
Test Mode	Mode 1: LTE Band 2		
Date of Test	2019/11/26	Test Site	SR10-H
Temperature:	23 °C	Humidity:	61%

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 2 / 20MHz	CH 18700 1860MHz	QPSK	1	0	0	23.94	0.555	2
				49		24.21	0.590	2
				99		23.96	0.557	2
			50	0	1	22.84	0.431	2
				25		22.84	0.431	2
				50		23.21	0.469	2
			100	0	1	22.98	0.445	2
		16-QAM	1	0	1	23.22	0.470	2
				49		23.8	0.537	2
				99		23.48	0.499	2
			50	0	2	21.92	0.348	2
				25		22.01	0.356	2
				50		22.30	0.380	2
			100	0	2	22.02	0.356	2

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 2 / 20MHz	CH 18900 1880MHz	QPSK	1	0	0	24.33	0.607	2
				49		24.35	0.610	2
				99		24.05	0.569	2
			50	0	1	23.17	0.465	2
				25		23.19	0.467	2
				50		22.97	0.444	2
			100	0	1	23.05	0.452	2
		16-QAM	1	0	1	22.96	0.443	2
				49		23.02	0.449	2
				99		22.61	0.408	2
			50	0	2	22.23	0.374	2
				25		22.19	0.371	2
				50		21.99	0.354	2
			100	0	2	22.11	0.364	2

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 2 / 20MHz	CH 19100 1900MHz	QPSK	1	0	0	24.33	0.607	2
				49		24.13	0.579	2
				99		23.94	0.555	2
			50	0	1	22.92	0.439	2
				25		22.92	0.439	2
				50		22.79	0.426	2
			100	0	1	22.80	0.427	2
		16-QAM	1	0	1	23.43	0.493	2
				49		23.43	0.493	2
				99		23.23	0.471	2
			50	0	2	21.79	0.338	2
				25		21.88	0.345	2
				50		21.83	0.341	2
			100	0	2	21.73	0.333	2

Product	LE910C4-NF		
Test Item	RF Output Power		
Test Mode	Mode 2: LTE Band 4		
Date of Test	2019/11/26	Test Site	SR10-H
Temperature:	23 °C	Humidity:	61%

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 4 / 1.4MHz	CH 19957 1710.7MHz	QPSK	1	0	0	24.18	0.586	1
				2		24.08	0.573	1
				5		24.34	0.608	1
			3	0	0	24.23	0.593	1
				1		24.13	0.579	1
				3		24.18	0.586	1
			6	0	1	23.05	0.452	1
		16-QAM	1	0	1	23.03	0.450	1
				2		22.93	0.440	1
				5		23.30	0.479	1
			3	0	1	23.19	0.467	1
				1		23.02	0.449	1
				3		23.24	0.472	1
			6	0	2	22.04	0.358	1

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 4 / 1.4MHz	CH 20175 1732.5MHz	QPSK	1	0	0	24.57	0.641	1
				2		24.63	0.650	1
				5		24.38	0.614	1
			3	0	0	24.50	0.631	1
				1		24.55	0.638	1
				3		24.54	0.637	1
			6	0	1	23.51	0.502	1
		16-QAM	1	0	1	23.51	0.502	1
				2		23.70	0.525	1
				5		23.59	0.512	1
			3	0	1	23.55	0.507	1
				1		23.55	0.507	1
				3		23.55	0.507	1
			6	0	2	22.56	0.404	1

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 4 / 1.4MHz	CH 20393 1754.3MHz	QPSK	1	0	0	24.24	0.594	1
				2		24.47	0.627	1
				5		24.52	0.634	1
			3	0	0	24.50	0.631	1
				1		24.44	0.622	1
				3		24.50	0.631	1
			6	0	1	23.30	0.479	1
		16-QAM	1	0	1	23.39	0.489	1
				2		23.42	0.492	1
				5		23.40	0.490	1
			3	0	1	23.52	0.504	1
				1		23.45	0.495	1
				3		23.43	0.493	1
			6	0	2	22.07	0.361	1

Product	LE910C4-NF		
Test Item	RF Output Power		
Test Mode	Mode 2: LTE Band 4		
Date of Test	2019/11/26	Test Site	SR10-H
Temperature:	23 °C	Humidity:	61%

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 4 / 3MHz	CH 19965 1711.5MHz	QPSK	1	0	0	24.03	0.566	1
				7		24.11	0.577	1
				14		24.40	0.617	1
			8	0	1	23.15	0.462	1
				4		23.15	0.462	1
				8		23.27	0.475	1
			15	0	1	23.24	0.472	1
		16-QAM	1	0	1	23.41	0.491	1
				7		23.42	0.492	1
				14		23.17	0.465	1
			8	0	2	22.03	0.357	1
				4		22.02	0.356	1
				8		22.13	0.366	1
			15	0	2	22.35	0.385	1

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 4 / 3MHz	CH 20175 1732.5MHz	QPSK	1	0	0	24.57	0.641	1
				7		24.38	0.614	1
				14		24.47	0.627	1
			8	0	1	23.58	0.511	1
				4		23.48	0.499	1
				8		23.55	0.507	1
			15	0	1	23.54	0.506	1
		16-QAM	1	0	1	23.62	0.515	1
				7		23.61	0.514	1
				14		23.58	0.511	1
			8	0	2	22.45	0.394	1
				4		22.70	0.417	1
				8		22.66	0.413	1
			15	0	2	22.65	0.412	1

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 4 / 3MHz	CH 20385 1753.5MHz	QPSK	1	0	0	24.46	0.625	1
				7		24.26	0.597	1
				14		24.43	0.621	1
			8	0	1	23.41	0.491	1
				4		23.35	0.484	1
				8		23.31	0.480	1
			15	0	1	23.33	0.482	1
		16-QAM	1	0	1	23.26	0.474	1
				7		23.61	0.514	1
				14		23.08	0.455	1
			8	0	2	22.30	0.380	1
				4		22.31	0.381	1
				8		22.28	0.378	1
			15	0	2	22.50	0.398	1

Product	LE910C4-NF		
Test Item	RF Output Power		
Test Mode	Mode 2: LTE Band 4		
Date of Test	2019/11/26	Test Site	SR10-H
Temperature:	23 °C	Humidity:	61%

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 4 / 5MHz	CH 19975 1712.5MHz	QPSK	1	0	0	23.98	0.560	1
				12		24.19	0.587	1
				24		24.43	0.621	1
			12	0	1	23.28	0.476	1
				6		23.21	0.469	1
				13		23.30	0.479	1
			25	0	1	23.21	0.469	1
		16-QAM	1	0	1	23.25	0.473	1
				12		23.65	0.519	1
				24		23.17	0.465	1
			12	0	2	22.12	0.365	1
				6		22.30	0.380	1
				13		22.39	0.388	1
			25	0	2	22.23	0.374	1

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 4 / 5MHz	CH 20175 1732.5MHz	QPSK	1	0	0	24.39	0.615	1
				12		24.47	0.627	1
				24		24.53	0.635	1
			12	0	1	23.43	0.493	1
				6		23.44	0.494	1
				13		23.55	0.507	1
			25	0	1	23.49	0.500	1
		16-QAM	1	0	1	23.35	0.484	1
				12		23.47	0.498	1
				24		23.46	0.497	1
			12	0	2	22.59	0.406	1
				6		22.59	0.406	1
				13		22.65	0.412	1
			25	0	2	22.57	0.405	1

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 4 / 5MHz	CH 20375 1752.5MHz	QPSK	1	0	0	24.36	0.611	1
				12		24.40	0.617	1
				24		24.33	0.607	1
			12	0	1	23.60	0.513	1
				6		23.53	0.505	1
				13		23.49	0.500	1
			25	0	1	23.51	0.502	1
		16-QAM	1	0	1	23.26	0.474	1
				12		23.35	0.484	1
				24		23.35	0.484	1
			12	0	2	22.52	0.400	1
				6		22.52	0.400	1
				13		22.56	0.404	1
			25	0	2	22.47	0.395	1

Product	LE910C4-NF		
Test Item	RF Output Power		
Test Mode	Mode 2: LTE Band 4		
Date of Test	2019/11/26	Test Site	SR10-H
Temperature:	23 °C	Humidity:	61%

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 4 / 10MHz	CH 20000 1715MHz	QPSK	1	0	0	23.99	0.561	1
				24		24.67	0.656	1
				49		24.37	0.612	1
			25	0	1	23.24	0.472	1
				12		23.24	0.472	1
				25		23.50	0.501	1
			50	0	1	23.37	0.486	1
		16-QAM	1	0	1	23.44	0.494	1
				24		23.57	0.509	1
				49		23.06	0.453	1
			25	0	2	22.45	0.394	1
				12		22.45	0.394	1
				25		22.60	0.407	1
			50	0	2	22.39	0.388	1

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 4 / 10MHz	CH 20175 1732.5MHz	QPSK	1	0	0	24.31	0.604	1
				24		24.26	0.597	1
				49		24.34	0.608	1
			25	0	1	23.50	0.501	1
				12		23.50	0.501	1
				25		23.54	0.506	1
			50	0	1	23.44	0.494	1
		16-QAM	1	0	1	23.47	0.498	1
				24		23.50	0.501	1
				49		23.44	0.494	1
			25	0	2	22.45	0.394	1
				12		22.45	0.394	1
				25		22.68	0.415	1
			50	0	2	22.50	0.398	1

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 4 / 10MHz	CH 20350 1750MHz	QPSK	1	0	0	24.44	0.622	1
				24		24.54	0.637	1
				49		24.27	0.598	1
			25	0	1	23.59	0.512	1
				12		23.60	0.513	1
				25		23.53	0.505	1
			50	0	1	23.58	0.511	1
		16-QAM	1	0	1	23.54	0.506	1
				24		23.42	0.492	1
				49		23.41	0.491	1
			25	0	2	22.64	0.411	1
				12		22.63	0.410	1
				25		22.66	0.413	1
			50	0	2	22.59	0.406	1

Product	LE910C4-NF		
Test Item	RF Output Power		
Test Mode	Mode 2: LTE Band 4		
Date of Test	2019/11/26	Test Site	SR10-H
Temperature:	23 °C	Humidity:	61%

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 4 / 15MHz	CH 20025 1717.5MHz	QPSK	1	0	0	23.84	0.542	1
				37		24.30	0.603	1
				74		24.41	0.618	1
			36	0	1	23.28	0.476	1
				19		23.28	0.476	1
				38		23.49	0.500	1
			75	0	1	23.37	0.486	1
		16-QAM	1	0	1	23.48	0.499	1
				37		23.96	0.557	1
				74		23.60	0.513	1
			36	0	2	22.58	0.406	1
				19		22.77	0.424	1
				38		22.74	0.421	1
			75	0	2	22.44	0.393	1

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 4 / 15MHz	CH 20175 1732.5MHz	QPSK	1	0	0	24.33	0.607	1
				37		24.42	0.619	1
				74		24.34	0.608	1
			36	0	1	23.45	0.495	1
				19		23.45	0.495	1
				38		23.48	0.499	1
			75	0	1	23.42	0.492	1
		16-QAM	1	0	1	23.48	0.499	1
				37		23.56	0.508	1
				74		23.56	0.508	1
			36	0	2	22.26	0.377	1
				19		22.56	0.404	1
				38		22.38	0.387	1
			75	0	2	22.59	0.406	1

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 4 / 15MHz	CH 20325 1747.5MHz	QPSK	1	0	0	24.33	0.607	1
				37		24.45	0.624	1
				74		24.22	0.592	1
			36	0	1	23.60	0.513	1
				19		23.60	0.513	1
				38		23.50	0.501	1
			75	0	1	23.51	0.502	1
		16-QAM	1	0	1	23.56	0.508	1
				37		23.70	0.525	1
				74		22.96	0.443	1
			36	0	2	22.59	0.406	1
				19		22.59	0.406	1
				38		22.57	0.405	1
			75	0	2	22.55	0.403	1

Product	LE910C4-NF		
Test Item	RF Output Power		
Test Mode	Mode 2: LTE Band 4		
Date of Test	2019/11/26	Test Site	SR10-H
Temperature:	23 °C	Humidity:	61%

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 4 / 20MHz	CH 20050 1720MHz	QPSK	1	0	0	23.83	0.541	1
				49		24.35	0.610	1
				99		24.26	0.597	1
			50	0	1	23.35	0.484	1
				25		23.34	0.483	1
				50		23.62	0.515	1
			100	0	1	23.47	0.498	1
		16-QAM	1	0	1	22.79	0.426	1
				49		23.52	0.504	1
				99		23.14	0.461	1
			50	0	2	22.40	0.389	1
				25		22.40	0.389	1
				50		22.72	0.419	1
			100	0	2	22.58	0.406	1

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 4 / 20MHz	CH 20175 1732.5MHz	QPSK	1	0	0	24.33	0.607	1
				49		24.62	0.649	1
				99		24.37	0.612	1
			50	0	1	23.48	0.499	1
				25		23.48	0.499	1
				50		23.53	0.505	1
			100	0	1	23.53	0.505	1
		16-QAM	1	0	1	23.47	0.498	1
				49		23.45	0.495	1
				99		23.22	0.470	1
			50	0	2	22.54	0.402	1
				25		22.54	0.402	1
				50		22.56	0.404	1
			100	0	2	22.49	0.397	1

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 4 / 20MHz	CH 20300 1745MHz	QPSK	1	0	0	24.39	0.615	1
				49		24.60	0.646	1
				99		24.42	0.619	1
			50	0	1	23.59	0.512	1
				25		23.59	0.512	1
				50		23.52	0.504	1
			100	0	1	23.61	0.514	1
		16-QAM	1	0	1	23.01	0.448	1
				49		23.56	0.508	1
				99		22.91	0.438	1
			50	0	2	22.72	0.419	1
				25		22.72	0.419	1
				50		22.58	0.406	1
			100	0	2	22.65	0.412	1

Product	LE910C4-NF		
Test Item	RF Output Power		
Test Mode	Mode 3: LTE Band 5		
Date of Test	2019/11/26	Test Site	SR10-H
Temperature:	23 °C	Humidity:	61%

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP
Band 5 / 1.4MHz	CH 20407 824.7MHz	QPSK	1	0	0	24.96	0.381	7
				2		24.81	0.368	7
				5		24.74	0.362	7
			3	0	0	24.73	0.361	7
				1		24.76	0.364	7
				3		24.72	0.361	7
			6	0	1	23.72	0.286	7
		16-QAM	1	0	1	23.39	0.265	7
				2		23.70	0.285	7
				5		24.09	0.312	7
			3	0	1	23.96	0.303	7
				1		24.37	0.333	7
				3		24.42	0.337	7
			6	0	2	23.14	0.251	7

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP
Band 5 / 1.4MHz	CH 20525 836.5MHz	QPSK	1	0	0	24.84	0.371	7
				2		24.95	0.380	7
				5		24.82	0.369	7
			3	0	0	24.22	0.321	7
				1		24.22	0.321	7
				3		24.28	0.326	7
			6	0	1	23.26	0.258	7
		16-QAM	1	0	1	23.02	0.244	7
				2		23.23	0.256	7
				5		22.96	0.240	7
			3	0	1	23.07	0.247	7
				1		23.25	0.257	7
				3		23.49	0.272	7
			6	0	2	22.09	0.197	7

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP
Band 5 / 1.4MHz	CH 20643 848.3MHz	QPSK	1	0	0	24.95	0.380	7
				2		24.63	0.353	7
				5		24.58	0.349	7
			3	0	0	24.80	0.367	7
				1		24.88	0.374	7
				3		24.65	0.355	7
			6	0	1	23.66	0.282	7
		16-QAM	1	0	1	23.55	0.275	7
				2		23.81	0.292	7
				5		23.98	0.304	7
			3	0	1	23.61	0.279	7
				1		23.50	0.272	7
				3		23.49	0.272	7
			6	0	2	22.80	0.232	7

Product	LE910C4-NF		
Test Item	RF Output Power		
Test Mode	Mode 3: LTE Band 5		
Date of Test	2019/11/26	Test Site	SR10-H
Temperature:	23 °C	Humidity:	61%

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP
Band 5 / 3MHz	CH 20415 825.5MHz	QPSK	1	0	0	24.98	0.383	7
				7		24.76	0.364	7
				14		24.84	0.371	7
			8	0	1	23.74	0.288	7
				4		23.74	0.288	7
				8		23.88	0.297	7
			15	0	1	23.75	0.288	7
		16-QAM	1	0	1	24.13	0.315	7
				7		24.91	0.377	7
				14		24.79	0.366	7
			8	0	2	22.99	0.242	7
				4		22.80	0.232	7
				8		23.15	0.251	7
			15	0	2	22.83	0.233	7

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP
Band 5 / 3MHz	CH 20525 836.5MHz	QPSK	1	0	0	24.07	0.310	7
				7		24.27	0.325	7
				14		24.32	0.329	7
			8	0	1	23.21	0.255	7
				4		23.21	0.255	7
				8		23.38	0.265	7
			15	0	1	23.36	0.264	7
		16-QAM	1	0	1	23.32	0.261	7
				7		23.47	0.270	7
				14		23.67	0.283	7
			8	0	2	22.07	0.196	7
				4		22.16	0.200	7
				8		22.21	0.202	7
			15	0	2	22.06	0.195	7

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP
Band 5 / 3MHz	CH 20635 847.5MHz	QPSK	1	0	0	24.75	0.363	7
				7		24.43	0.337	7
				14		24.75	0.363	7
			8	0	1	23.55	0.275	7
				4		23.58	0.277	7
				8		23.70	0.285	7
			15	0	1	23.55	0.275	7
		16-QAM	1	0	1	23.81	0.292	7
				7		23.45	0.269	7
				14		23.18	0.253	7
			8	0	2	22.68	0.225	7
				4		22.53	0.218	7
				8		22.56	0.219	7
			15	0	2	22.50	0.216	7

Product	LE910C4-NF		
Test Item	RF Output Power		
Test Mode	Mode 3: LTE Band 5		
Date of Test	2019/11/26	Test Site	SR10-H
Temperature:	23 °C	Humidity:	61%

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP
Band 5 / 5MHz	CH 20425 826.5MHz	QPSK	1	0	0	24.71	0.360	7
				12		24.63	0.353	7
				24		24.46	0.340	7
			12	0	1	23.71	0.286	7
				6		23.70	0.285	7
				13		23.74	0.288	7
			25	0	1	23.75	0.288	7
		16-QAM	1	0	1	23.22	0.255	7
				12		23.48	0.271	7
				24		22.99	0.242	7
			12	0	2	22.75	0.229	7
				6		22.75	0.229	7
				13		22.69	0.226	7
			25	0	2	22.91	0.238	7

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP
Band 5 / 5MHz	CH 20525 836.5MHz	QPSK	1	0	0	23.98	0.304	7
				12		24.13	0.315	7
				24		24.12	0.314	7
			12	0	1	23.23	0.256	7
				6		23.23	0.256	7
				13		23.37	0.264	7
			25	0	1	23.26	0.258	7
		16-QAM	1	0	1	23.92	0.300	7
				12		24.06	0.310	7
				24		24.04	0.308	7
			12	0	2	22.19	0.201	7
				6		22.20	0.202	7
				13		22.35	0.209	7
			25	0	2	22.20	0.202	7

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP
Band 5 / 5MHz	CH 20625 846.5MHz	QPSK	1	0	0	24.30	0.327	7
				12		24.47	0.340	7
				24		24.56	0.348	7
			12	0	1	23.60	0.279	7
				6		23.62	0.280	7
				13		23.53	0.274	7
			25	0	1	23.60	0.279	7
		16-QAM	1	0	1	23.51	0.273	7
				12		23.68	0.284	7
				24		23.30	0.260	7
			12	0	2	22.65	0.224	7
				6		22.47	0.215	7
				13		22.41	0.212	7
			25	0	2	22.73	0.228	7

Product	LE910C4-NF		
Test Item	RF Output Power		
Test Mode	Mode 3: LTE Band 5		
Date of Test	2019/11/26	Test Site	SR10-H
Temperature:	23 °C	Humidity:	61%

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP
Band 5 / 10MHz	CH 20450 829MHz	QPSK	1	0	0	24.64	0.354	7
				24		24.62	0.352	7
				49		24.11	0.313	7
			25	0	1	23.71	0.286	7
				12		23.72	0.286	7
				25		23.44	0.269	7
			50	0	1	23.66	0.282	7
		16-QAM	1	0	1	24.22	0.321	7
				24		24.59	0.350	7
				49		23.58	0.277	7
			25	0	2	22.81	0.232	7
				12		22.71	0.227	7
				25		22.30	0.207	7
			50	0	2	22.63	0.223	7

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP
Band 5 / 10MHz	CH 20525 836.5MHz	QPSK	1	0	0	24.31	0.328	7
				24		24.37	0.333	7
				49		24.47	0.340	7
			25	0	1	23.27	0.258	7
				12		23.28	0.259	7
				25		23.46	0.270	7
			50	0	1	23.26	0.258	7
		16-QAM	1	0	1	23.58	0.277	7
				24		23.54	0.275	7
				49		24.24	0.323	7
			25	0	2	22.23	0.203	7
				12		22.52	0.217	7
				25		22.43	0.213	7
			50	0	2	22.21	0.202	7

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP
Band 5 / 10MHz	CH 20600 844MHz	QPSK	1	0	0	24.35	0.331	7
				24		24.97	0.382	7
				49		24.71	0.360	7
			25	0	1	23.54	0.275	7
				12		23.45	0.269	7
				25		23.64	0.281	7
			50	0	1	23.63	0.281	7
		16-QAM	1	0	1	23.10	0.248	7
				24		23.52	0.274	7
				49		23.39	0.265	7
			25	0	2	22.58	0.220	7
				12		22.54	0.218	7
				25		22.83	0.233	7
			50	0	2	22.70	0.226	7

Product	LE910C4-NF		
Test Item	RF Output Power		
Test Mode	Mode 4: LTE Band 12		
Date of Test	2019/11/26	Test Site	SR10-H
Temperature:	23 °C	Humidity:	61%

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP
Band 12 / 1.4MHz	CH 23017 699.7MHz	QPSK	1	0	0	24.04	0.308	3
				2		24.11	0.313	3
				5		24.09	0.312	3
			3	0	0	23.69	0.284	3
				1		23.69	0.284	3
				3		23.78	0.290	3
			6	0	1	22.81	0.232	3
		16-QAM	1	0	1	22.82	0.233	3
				2		22.73	0.228	3
				5		23.04	0.245	3
			3	0	1	22.94	0.239	3
				1		22.95	0.240	3
				3		23.32	0.261	3
			6	0	2	21.59	0.175	3

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP
Band 12 / 1.4MHz	CH 23097 707.5MHz	QPSK	1	0	0	23.89	0.298	3
				2		24.07	0.310	3
				5		23.56	0.276	3
			3	0	0	23.83	0.294	3
				1		23.72	0.286	3
				3		23.74	0.288	3
			6	0	1	22.69	0.226	3
		16-QAM	1	0	1	23.19	0.254	3
				2		23.21	0.255	3
				5		22.97	0.241	3
			3	0	1	23.00	0.243	3
				1		22.81	0.232	3
				3		22.61	0.222	3
			6	0	2	21.93	0.190	3

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP
Band 12 / 1.4MHz	CH 23173 715.3MHz	QPSK	1	0	0	24.58	0.349	3
				2		24.66	0.356	3
				5		24.57	0.348	3
			3	0	0	24.45	0.339	3
				1		24.45	0.339	3
				3		24.34	0.330	3
			6	0	1	23.39	0.265	3
		16-QAM	1	0	1	23.20	0.254	3
				2		23.41	0.267	3
				5		22.86	0.235	3
			3	0	1	23.37	0.264	3
				1		23.43	0.268	3
				3		23.42	0.267	3
			6	0	2	22.63	0.223	3