



Shenzhen CTA Testing Technology Co., Ltd.

Room 106, Building 1, Yibaolai Industrial Park, Qiaotou Community, Fuhai Street, Bao'an District, Shenzhen, China

RF Exposure MPE

Report Reference No.....: CTA25011001003

FCC ID.....: 2BCFV-P6A-6

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Date of issue: Mar. 07, 2025

Testing Laboratory Name: Shenzhen CTA Testing Technology Co., Ltd.

Address.....: Room 106, Building 1, Yibaolai Industrial Park, Qiaotou Community, Fuhai Street, Bao'an District, Shenzhen, China

Applicant's name.....: Shenzhen Leksell Security Technology Co., Ltd

Address.....: No. 15 Mutouhu, Niuhe Community, Guanlan Street, Longhua District, Shenzhen, China

Standard: 47CFR §1.1310

47CFR §2.1091

KDB447498 D01 General RF Exposure Guidance v06

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Test item description: Camera

Manufacturer: Shenzhen Leksell Security Technology Co., Ltd

Trade Mark: Leksell

Model/Type reference: P6A-6

Rating: DC 3.7V From battery and DC 5.0V From external circuit

Result: PASS

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TEST REPORT

Equipment under Test : Camera

Model /Type : P6A-6

Listed Models : P1, P6A-6F, P3H, P3M, P3-8F, P3-6, P6A-10, P6-10, P3-M, P6-6S, P7, P15

Model difference : The PCB board, circuit, structure and internal of these models are the same, Only model number and colour is different for these model.

Applicant : **Shenzhen Leksell Security Technology Co., Ltd**

Address : No. 15 Mutouhu, Niuahu Community, Guanlan Street, Longhua District, Shenzhen, China

Manufacturer : **Shenzhen Leksell Security Technology Co., Ltd**

Address : No. 15 Mutouhu, Niuahu Community, Guanlan Street, Longhua District, Shenzhen, China

Test Result:	PASS
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The test report merely corresponds to the test sample.
It is not permitted to copy extracts of these test result without the written permission of the test laboratory.

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1 TEST STANDARDS

The tests were performed according to following standards:

[ANSI C95.1-1999](#): IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz.

[FCC KDB 447498 D01 General RF Exposure Guidance v06](#): Mobile and Portable Device, RF Exposure, Equipment Authorization Procedures.

[FCC CFR 47 part1 1.1310](#): Radiofrequency radiation exposure limits.

[FCC CFR 47 part2 2.1091](#): Radiofrequency radiation exposure evaluation: mobile devices

2 SUMMARY

2.1 General Remarks

Date of receipt of test sample	:	Jan. 10, 2025
Testing commenced on	:	Jan. 10, 2025
Testing concluded on	:	Mar. 07, 2025

2.2 Product Description

Product Name:	Camera
Model/Type reference:	P6A-6
Power supply:	DC 3.7V From battery and DC 5.0V From external circuit
Hardware version:	V1.0
Software version:	V1.0
Testing sample ID:	CTA250110010-1# (Engineer sample) CTA250110010-2# (Normal sample)
LTE	
Operation Band:	E-UTRA Band 5/7
Support Bandwidth:	Band 5: 1.4MHz, 3MHz, 5MHz,10MHz, Band 7: 5MHz,10MHz,15MHz,20MHz,
TX/RXFrequency Range:	E-UTRA Band 5(824 MHz -849MHz) E-UTRA Band 7(2500 MHz -2570MHz)
Modulation Type:	QPSK, 16QAM
Category:	Cat 1
Antenna Type:	External antenna
Antenna Gain:	Band 5/7: 2 dBi

2.3 Special Accessories

The following is the EUT test of the auxiliary equipment provided by the laboratory:

Description	Manufacturer	Model	Technical Parameters	Certificate	Provided by
/	/	/	/	/	/

2.4 Modifications

No modifications were implemented to meet testing criteria.

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3 TEST ENVIRONMENT

3.1 Address of the test laboratory

Shenzhen CTA Testing Technology Co., Ltd.

Room 106, Building 1, Yibaolai Industrial Park, Qiaotou Community,
Fuhai Street, Bao'an District, Shenzhen, China

3.2 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

FCC-Registration No.: 517856 Designation Number: CN1318

Shenzhen CTA Testing Technology Co., Ltd. has been listed on the US Federal Communications Commission list of test facilities recognized to perform electromagnetic emissions measurements.

A2LA-Lab Cert. No.: 6534.01

Shenzhen CTA Testing Technology Co., Ltd. has been listed by American Association for Laboratory Accreditation to perform electromagnetic emission measurement.

The 3m-Semi anechoic test site fulfils CISPR 16-1-4 according to ANSI C63.10 and CISPR 16-1-4:2010.

3.3 Statement of the measurement uncertainty

The data and results referenced in this document are true and accurate. The reader is cautioned that there may be errors within the calibration limits of the equipment and facilities. The measurement uncertainty was calculated for all measurements listed in this test report acc. to TR-100028-01 "Electromagnetic compatibility and Radio spectrum Matters (ERM);Uncertainties in the measurement of mobile radio equipment characteristics; Part 1" and TR-100028-02 "Electromagnetic compatibility and Radio spectrum Matters (ERM);Uncertainties in the measurement of mobile radio equipment characteristics; Part 2" and is documented in the Shenzhen CTA Testing Technology Co., Ltd. quality system acc. to DIN EN ISO/IEC 17025. Furthermore, component and process variability of devices similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device.

Hereafter the best measurement capability for Shenzhen CTA Testing Technology Co., Ltd. :

Test	Range	Measurement Uncertainty	Notes
Radiated Emission	9KHz~30MHz	3.02 dB	(1)
Radiated Emission	30~1000MHz	4.06 dB	(1)
Radiated Emission	1~18GHz	5.14 dB	(1)
Radiated Emission	18-40GHz	5.38 dB	(1)
Conducted Disturbance	0.15~30MHz	2.14 dB	(1)
Output Peak power	30MHz~18GHz	0.55 dB	(1)
Power spectral density	/	0.57 dB	(1)
Spectrum bandwidth	/	1.1%	(1)
Radiated spurious emission (30MHz-1GHz)	30~1000MHz	4.10 dB	(1)
Radiated spurious emission (1GHz-18GHz)	1~18GHz	4.32 dB	(1)
Radiated spurious emission (18GHz-40GHz)	18-40GHz	5.54 dB	(1)

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4 Test limit

4.1 Requirement

Limits for Maximum Permissible Exposure (MPE)/Controlled Exposure

Frequency Range(MHz)	Electric Field Strength(V/m)	Magnetic Field Strength(A/m)	Power Density (mW/cm ²)	Averaging Time (minute)
Limits for Occupational/Controlled Exposure				
0.3 – 3.0	614	1.63	(100) *	6
3.0 – 30	1842/f	4.89/f	(900/f ²)*	6
30 – 300	61.4	0.163	1.0	6
300 – 1500	/	/	f/300	6
1500 – 100,000	/	/	5	6

Limits for Maximum Permissible Exposure (MPE)/Uncontrolled Exposure

Frequency Range(MHz)	Electric Field Strength(V/m)	Magnetic Field Strength(A/m)	Power Density (mW/cm ²)	Averaging Time (minute)
Limits for Occupational/Controlled Exposure				
0.3 – 3.0	614	1.63	(100) *	30
3.0 – 30	824/f	2.19/f	(180/f ²)*	30
30 – 300	27.5	0.073	0.2	30
300 – 1500	/	/	f/1500	30
1500 – 100,000	/	/	1.0	30

F=frequency in MHz

*=Plane-wave equivalent power density

4.2 MPE Calculation Method

Predication of MPE limit at a given distance

Equation from page 18 of OET Bulletin 65, Edition 97-01

$$S=PG/4\pi R^2$$

Where: S=power density

P=power input to antenna

G=power gain of the antenna in the direction of interest relative to an isotropic radiator

R=distance to the center of radiation of the antenna

4.3 Conducted Power Results

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)
Band5	1.4MHz	QPSK	20407	1RB#0	24.03
Band5	1.4MHz	QPSK	20407	1RB#2	24.18
Band5	1.4MHz	QPSK	20407	1RB#5	24.24
Band5	1.4MHz	QPSK	20407	3RB#0	24.08
Band5	1.4MHz	QPSK	20407	3RB#1	24.06
Band5	1.4MHz	QPSK	20407	3RB#3	23.89
Band5	1.4MHz	QPSK	20407	6RB#0	23.08
Band5	1.4MHz	QPSK	20525	1RB#0	24.15
Band5	1.4MHz	QPSK	20525	1RB#2	24.33
Band5	1.4MHz	QPSK	20525	1RB#5	24.28

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Band5	1.4MHz	QPSK	20525	3RB#0	24.06
Band5	1.4MHz	QPSK	20525	3RB#1	24.13
Band5	1.4MHz	QPSK	20525	3RB#3	24.22
Band5	1.4MHz	QPSK	20525	6RB#0	23.19
Band5	1.4MHz	QPSK	20643	1RB#0	23.91
Band5	1.4MHz	QPSK	20643	1RB#2	24.01
Band5	1.4MHz	QPSK	20643	1RB#5	23.81
Band5	1.4MHz	QPSK	20643	3RB#0	23.97
Band5	1.4MHz	QPSK	20643	3RB#1	23.97
Band5	1.4MHz	QPSK	20643	3RB#3	24.19
Band5	1.4MHz	QPSK	20643	6RB#0	23.12
Band5	1.4MHz	16QAM	20407	1RB#0	23.04
Band5	1.4MHz	16QAM	20407	1RB#2	23.33
Band5	1.4MHz	16QAM	20407	1RB#5	23.07
Band5	1.4MHz	16QAM	20407	3RB#0	22.90
Band5	1.4MHz	16QAM	20407	3RB#1	22.79
Band5	1.4MHz	16QAM	20407	3RB#3	22.73
Band5	1.4MHz	16QAM	20407	6RB#0	21.97
Band5	1.4MHz	16QAM	20525	1RB#0	23.02
Band5	1.4MHz	16QAM	20525	1RB#2	23.11
Band5	1.4MHz	16QAM	20525	1RB#5	23.05
Band5	1.4MHz	16QAM	20525	3RB#0	22.58
Band5	1.4MHz	16QAM	20525	3RB#1	23.20
Band5	1.4MHz	16QAM	20525	3RB#3	23.20
Band5	1.4MHz	16QAM	20525	6RB#0	22.20
Band5	1.4MHz	16QAM	20643	1RB#0	23.48
Band5	1.4MHz	16QAM	20643	1RB#2	23.25
Band5	1.4MHz	16QAM	20643	1RB#5	23.32
Band5	1.4MHz	16QAM	20643	3RB#0	22.67
Band5	1.4MHz	16QAM	20643	3RB#1	22.83
Band5	1.4MHz	16QAM	20643	3RB#3	22.62
Band5	1.4MHz	16QAM	20643	6RB#0	21.98
Band5	3MHz	QPSK	20415	1RB#0	23.81
Band5	3MHz	QPSK	20415	1RB#8	23.94
Band5	3MHz	QPSK	20415	1RB#14	24.00
Band5	3MHz	QPSK	20415	8RB#0	23.16
Band5	3MHz	QPSK	20415	8RB#4	23.15
Band5	3MHz	QPSK	20415	8RB#7	23.11
Band5	3MHz	QPSK	20415	15RB#0	23.22
Band5	3MHz	QPSK	20525	1RB#0	24.12
Band5	3MHz	QPSK	20525	1RB#8	23.99
Band5	3MHz	QPSK	20525	1RB#14	24.05
Band5	3MHz	QPSK	20525	8RB#0	23.31
Band5	3MHz	QPSK	20525	8RB#4	23.32
Band5	3MHz	QPSK	20525	8RB#7	23.12
Band5	3MHz	QPSK	20525	15RB#0	23.34
Band5	3MHz	QPSK	20635	1RB#0	23.94
Band5	3MHz	QPSK	20635	1RB#8	23.81
Band5	3MHz	QPSK	20635	1RB#14	24.09
Band5	3MHz	QPSK	20635	8RB#0	23.07
Band5	3MHz	QPSK	20635	8RB#4	23.18
Band5	3MHz	QPSK	20635	8RB#7	23.14
Band5	3MHz	QPSK	20635	15RB#0	23.14
Band5	3MHz	16QAM	20415	1RB#0	23.10
Band5	3MHz	16QAM	20415	1RB#8	23.15
Band5	3MHz	16QAM	20415	1RB#14	23.13
Band5	3MHz	16QAM	20415	8RB#0	22.48
Band5	3MHz	16QAM	20415	8RB#4	22.29
Band5	3MHz	16QAM	20415	8RB#7	22.24
Band5	3MHz	16QAM	20415	15RB#0	22.35
Band5	3MHz	16QAM	20525	1RB#0	23.06
Band5	3MHz	16QAM	20525	1RB#8	23.31
Band5	3MHz	16QAM	20525	1RB#14	23.07
Band5	3MHz	16QAM	20525	8RB#0	22.11
Band5	3MHz	16QAM	20525	8RB#4	22.11

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Band5	3MHz	16QAM	20525	8RB#7	22.37
Band5	3MHz	16QAM	20525	15RB#0	22.29
Band5	3MHz	16QAM	20635	1RB#0	23.29
Band5	3MHz	16QAM	20635	1RB#8	23.52
Band5	3MHz	16QAM	20635	1RB#14	22.93
Band5	3MHz	16QAM	20635	8RB#0	22.00
Band5	3MHz	16QAM	20635	8RB#4	22.01
Band5	3MHz	16QAM	20635	8RB#7	22.09
Band5	3MHz	16QAM	20635	15RB#0	22.00
Band5	5MHz	QPSK	20425	1RB#0	24.16
Band5	5MHz	QPSK	20425	1RB#12	24.03
Band5	5MHz	QPSK	20425	1RB#24	24.12
Band5	5MHz	QPSK	20425	12RB#0	23.15
Band5	5MHz	QPSK	20425	12RB#6	23.14
Band5	5MHz	QPSK	20425	12RB#13	23.19
Band5	5MHz	QPSK	20425	25RB#0	23.12
Band5	5MHz	QPSK	20525	1RB#0	24.34
Band5	5MHz	QPSK	20525	1RB#12	24.28
Band5	5MHz	QPSK	20525	1RB#24	24.34
Band5	5MHz	QPSK	20525	12RB#0	23.22
Band5	5MHz	QPSK	20525	12RB#6	23.23
Band5	5MHz	QPSK	20525	12RB#13	23.26
Band5	5MHz	QPSK	20525	25RB#0	23.26
Band5	5MHz	QPSK	20625	1RB#0	24.03
Band5	5MHz	QPSK	20625	1RB#12	23.89
Band5	5MHz	QPSK	20625	1RB#24	23.81
Band5	5MHz	QPSK	20625	12RB#0	23.17
Band5	5MHz	QPSK	20625	12RB#6	23.19
Band5	5MHz	QPSK	20625	12RB#13	23.06
Band5	5MHz	QPSK	20625	25RB#0	23.19
Band5	5MHz	16QAM	20425	1RB#0	22.48
Band5	5MHz	16QAM	20425	1RB#12	23.05
Band5	5MHz	16QAM	20425	1RB#24	22.46
Band5	5MHz	16QAM	20425	12RB#0	22.23
Band5	5MHz	16QAM	20425	12RB#6	22.23
Band5	5MHz	16QAM	20425	12RB#13	22.10
Band5	5MHz	16QAM	20425	25RB#0	22.14
Band5	5MHz	16QAM	20525	1RB#0	23.34
Band5	5MHz	16QAM	20525	1RB#12	23.40
Band5	5MHz	16QAM	20525	1RB#24	23.30
Band5	5MHz	16QAM	20525	12RB#0	22.20
Band5	5MHz	16QAM	20525	12RB#6	22.40
Band5	5MHz	16QAM	20525	12RB#13	22.26
Band5	5MHz	16QAM	20525	25RB#0	22.17
Band5	5MHz	16QAM	20625	1RB#0	22.85
Band5	5MHz	16QAM	20625	1RB#12	23.08
Band5	5MHz	16QAM	20625	1RB#24	22.69
Band5	5MHz	16QAM	20625	12RB#0	22.12
Band5	5MHz	16QAM	20625	12RB#6	22.13
Band5	5MHz	16QAM	20625	12RB#13	22.03
Band5	5MHz	16QAM	20625	25RB#0	22.25
Band5	10MHz	QPSK	20450	1RB#0	24.25
Band5	10MHz	QPSK	20450	1RB#24	24.04
Band5	10MHz	QPSK	20450	1RB#49	24.16
Band5	10MHz	QPSK	20450	25RB#0	23.19
Band5	10MHz	QPSK	20450	25RB#12	23.26
Band5	10MHz	QPSK	20450	25RB#25	23.24
Band5	10MHz	QPSK	20450	50RB#0	23.16
Band5	10MHz	QPSK	20525	1RB#0	24.01
Band5	10MHz	QPSK	20525	1RB#24	24.11
Band5	10MHz	QPSK	20525	1RB#49	24.15
Band5	10MHz	QPSK	20525	25RB#0	23.30
Band5	10MHz	QPSK	20525	25RB#12	23.30
Band5	10MHz	QPSK	20525	25RB#25	23.36
Band5	10MHz	QPSK	20525	50RB#0	23.28

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Band5	10MHz	QPSK	20600	1RB#0	24.11
Band5	10MHz	QPSK	20600	1RB#24	24.46
Band5	10MHz	QPSK	20600	1RB#49	23.75
Band5	10MHz	QPSK	20600	25RB#0	23.31
Band5	10MHz	QPSK	20600	25RB#12	23.33
Band5	10MHz	QPSK	20600	25RB#25	23.24
Band5	10MHz	QPSK	20600	50RB#0	23.21
Band5	10MHz	16QAM	20450	1RB#0	23.38
Band5	10MHz	16QAM	20450	1RB#24	22.79
Band5	10MHz	16QAM	20450	1RB#49	22.97
Band5	10MHz	16QAM	20450	25RB#0	22.40
Band5	10MHz	16QAM	20450	25RB#12	22.38
Band5	10MHz	16QAM	20450	25RB#25	22.08
Band5	10MHz	16QAM	20525	1RB#0	23.49
Band5	10MHz	16QAM	20525	1RB#24	23.77
Band5	10MHz	16QAM	20525	1RB#49	23.20
Band5	10MHz	16QAM	20525	25RB#0	22.23
Band5	10MHz	16QAM	20525	25RB#12	22.23
Band5	10MHz	16QAM	20525	25RB#25	22.40
Band5	10MHz	16QAM	20600	1RB#0	22.75
Band5	10MHz	16QAM	20600	1RB#24	23.72
Band5	10MHz	16QAM	20600	1RB#49	23.17
Band5	10MHz	16QAM	20600	25RB#0	22.42
Band5	10MHz	16QAM	20600	25RB#12	22.43
Band5	10MHz	16QAM	20600	25RB#25	22.32

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)
Band7	5MHz	QPSK	20775	1RB#0	23.06
Band7	5MHz	QPSK	20775	1RB#12	23.55
Band7	5MHz	QPSK	20775	1RB#24	23.13
Band7	5MHz	QPSK	20775	12RB#0	22.31
Band7	5MHz	QPSK	20775	12RB#6	22.30
Band7	5MHz	QPSK	20775	12RB#13	22.37
Band7	5MHz	QPSK	20775	25RB#0	22.39
Band7	5MHz	QPSK	21100	1RB#0	23.44
Band7	5MHz	QPSK	21100	1RB#12	23.60
Band7	5MHz	QPSK	21100	1RB#24	23.43
Band7	5MHz	QPSK	21100	12RB#0	22.41
Band7	5MHz	QPSK	21100	12RB#6	22.35
Band7	5MHz	QPSK	21100	12RB#13	22.36
Band7	5MHz	QPSK	21100	25RB#0	22.47
Band7	5MHz	QPSK	21425	1RB#0	23.28
Band7	5MHz	QPSK	21425	1RB#12	23.32
Band7	5MHz	QPSK	21425	1RB#24	23.31
Band7	5MHz	QPSK	21425	12RB#0	22.35
Band7	5MHz	QPSK	21425	12RB#6	22.50
Band7	5MHz	QPSK	21425	12RB#13	22.36
Band7	5MHz	QPSK	21425	25RB#0	22.36
Band7	5MHz	16QAM	20775	1RB#0	21.84
Band7	5MHz	16QAM	20775	1RB#12	22.41
Band7	5MHz	16QAM	20775	1RB#24	21.71
Band7	5MHz	16QAM	20775	12RB#0	21.36
Band7	5MHz	16QAM	20775	12RB#6	21.10
Band7	5MHz	16QAM	20775	12RB#13	21.19
Band7	5MHz	16QAM	20775	25RB#0	21.41
Band7	5MHz	16QAM	21100	1RB#0	22.32
Band7	5MHz	16QAM	21100	1RB#12	22.33
Band7	5MHz	16QAM	21100	1RB#24	22.43
Band7	5MHz	16QAM	21100	12RB#0	21.45
Band7	5MHz	16QAM	21100	12RB#6	21.52
Band7	5MHz	16QAM	21100	12RB#13	21.53
Band7	5MHz	16QAM	21100	25RB#0	21.64
Band7	5MHz	16QAM	21425	1RB#0	22.37
Band7	5MHz	16QAM	21425	1RB#12	22.38
Band7	5MHz	16QAM	21425	1RB#24	22.35

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Band7	5MHz	16QAM	21425	12RB#0	21.44
Band7	5MHz	16QAM	21425	12RB#6	21.21
Band7	5MHz	16QAM	21425	12RB#13	21.16
Band7	5MHz	16QAM	21425	25RB#0	21.45
Band7	10MHz	QPSK	20800	1RB#0	23.29
Band7	10MHz	QPSK	20800	1RB#24	23.30
Band7	10MHz	QPSK	20800	1RB#49	23.38
Band7	10MHz	QPSK	20800	25RB#0	22.49
Band7	10MHz	QPSK	20800	25RB#12	22.50
Band7	10MHz	QPSK	20800	25RB#25	22.42
Band7	10MHz	QPSK	20800	50RB#0	22.46
Band7	10MHz	QPSK	21100	1RB#0	23.20
Band7	10MHz	QPSK	21100	1RB#24	23.88
Band7	10MHz	QPSK	21100	1RB#49	23.47
Band7	10MHz	QPSK	21100	25RB#0	22.42
Band7	10MHz	QPSK	21100	25RB#12	22.45
Band7	10MHz	QPSK	21100	25RB#25	22.50
Band7	10MHz	QPSK	21100	50RB#0	22.39
Band7	10MHz	QPSK	21400	1RB#0	23.34
Band7	10MHz	QPSK	21400	1RB#24	23.69
Band7	10MHz	QPSK	21400	1RB#49	23.43
Band7	10MHz	QPSK	21400	25RB#0	22.28
Band7	10MHz	QPSK	21400	25RB#12	22.24
Band7	10MHz	QPSK	21400	25RB#25	22.52
Band7	10MHz	QPSK	21400	50RB#0	22.28
Band7	10MHz	16QAM	20800	1RB#0	22.51
Band7	10MHz	16QAM	20800	1RB#24	22.58
Band7	10MHz	16QAM	20800	1RB#49	22.40
Band7	10MHz	16QAM	20800	25RB#0	21.43
Band7	10MHz	16QAM	20800	25RB#12	21.68
Band7	10MHz	16QAM	20800	25RB#25	21.31
Band7	10MHz	16QAM	21100	1RB#0	22.59
Band7	10MHz	16QAM	21100	1RB#24	23.05
Band7	10MHz	16QAM	21100	1RB#49	22.25
Band7	10MHz	16QAM	21100	25RB#0	21.60
Band7	10MHz	16QAM	21100	25RB#12	21.61
Band7	10MHz	16QAM	21100	25RB#25	21.37
Band7	10MHz	16QAM	21400	1RB#0	23.00
Band7	10MHz	16QAM	21400	1RB#24	23.04
Band7	10MHz	16QAM	21400	1RB#49	22.30
Band7	10MHz	16QAM	21400	25RB#0	21.51
Band7	10MHz	16QAM	21400	25RB#12	21.61
Band7	10MHz	16QAM	21400	25RB#25	21.62
Band7	15MHz	QPSK	20825	1RB#0	23.26
Band7	15MHz	QPSK	20825	1RB#38	23.45
Band7	15MHz	QPSK	20825	1RB#74	23.45
Band7	15MHz	QPSK	20825	38RB#0	22.45
Band7	15MHz	QPSK	20825	38RB#18	22.51
Band7	15MHz	QPSK	20825	38RB#37	22.51
Band7	15MHz	QPSK	20825	75RB#0	22.62
Band7	15MHz	QPSK	21100	1RB#0	23.32
Band7	15MHz	QPSK	21100	1RB#38	23.53
Band7	15MHz	QPSK	21100	1RB#74	23.26
Band7	15MHz	QPSK	21100	38RB#0	22.48
Band7	15MHz	QPSK	21100	38RB#18	22.41
Band7	15MHz	QPSK	21100	38RB#37	22.41
Band7	15MHz	QPSK	21100	75RB#0	22.37
Band7	15MHz	QPSK	21375	1RB#0	23.37
Band7	15MHz	QPSK	21375	1RB#38	23.31
Band7	15MHz	QPSK	21375	1RB#74	23.36
Band7	15MHz	QPSK	21375	38RB#0	22.26
Band7	15MHz	QPSK	21375	38RB#18	22.26
Band7	15MHz	QPSK	21375	38RB#37	22.25
Band7	15MHz	QPSK	21375	75RB#0	22.37
Band7	15MHz	16QAM	20825	1RB#0	22.37

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Band7	15MHz	16QAM	20825	1RB#38	22.54
Band7	15MHz	16QAM	20825	1RB#74	22.53
Band7	15MHz	16QAM	20825	38RB#0	22.51
Band7	15MHz	16QAM	20825	38RB#18	22.45
Band7	15MHz	16QAM	20825	38RB#37	22.46
Band7	15MHz	16QAM	21100	1RB#0	22.25
Band7	15MHz	16QAM	21100	1RB#38	21.97
Band7	15MHz	16QAM	21100	1RB#74	22.57
Band7	15MHz	16QAM	21100	38RB#0	22.40
Band7	15MHz	16QAM	21100	38RB#18	22.41
Band7	15MHz	16QAM	21100	38RB#37	22.42
Band7	15MHz	16QAM	21375	1RB#0	22.40
Band7	15MHz	16QAM	21375	1RB#38	22.62
Band7	15MHz	16QAM	21375	1RB#74	22.29
Band7	15MHz	16QAM	21375	38RB#0	22.26
Band7	15MHz	16QAM	21375	38RB#18	22.25
Band7	15MHz	16QAM	21375	38RB#37	22.25
Band7	20MHz	QPSK	20850	1RB#0	23.24
Band7	20MHz	QPSK	20850	1RB#49	23.63
Band7	20MHz	QPSK	20850	1RB#99	23.53
Band7	20MHz	QPSK	20850	50RB#0	22.47
Band7	20MHz	QPSK	20850	50RB#25	22.51
Band7	20MHz	QPSK	20850	50RB#50	22.48
Band7	20MHz	QPSK	20850	100RB#0	22.55
Band7	20MHz	QPSK	21100	1RB#0	23.45
Band7	20MHz	QPSK	21100	1RB#49	23.94
Band7	20MHz	QPSK	21100	1RB#99	23.47
Band7	20MHz	QPSK	21100	50RB#0	22.49
Band7	20MHz	QPSK	21100	50RB#25	22.53
Band7	20MHz	QPSK	21100	50RB#50	22.52
Band7	20MHz	QPSK	21100	100RB#0	22.47
Band7	20MHz	QPSK	21350	1RB#0	23.44
Band7	20MHz	QPSK	21350	1RB#49	23.92
Band7	20MHz	QPSK	21350	1RB#99	23.46
Band7	20MHz	QPSK	21350	50RB#0	22.44
Band7	20MHz	QPSK	21350	50RB#25	22.54
Band7	20MHz	QPSK	21350	50RB#50	22.43
Band7	20MHz	QPSK	21350	100RB#0	22.39
Band7	20MHz	16QAM	20850	1RB#0	22.47
Band7	20MHz	16QAM	20850	1RB#49	22.41
Band7	20MHz	16QAM	20850	1RB#99	22.68
Band7	20MHz	16QAM	21100	1RB#0	23.11
Band7	20MHz	16QAM	21100	1RB#49	23.38
Band7	20MHz	16QAM	21100	1RB#99	23.24
Band7	20MHz	16QAM	21350	1RB#0	22.56
Band7	20MHz	16QAM	21350	1RB#49	22.90
Band7	20MHz	16QAM	21350	1RB#99	22.25

4.4 Manufacturing tolerance

Mode	Max. Average Conducted Output Power (dBm)	Max. tune-up
LTE Band 5	24.46	24.0 ± 1
LTE Band 7	23.94	24.0 ± 1

4.5 Standalone MPE Result

As declared by the Applicant, the EUT is a wireless device used in a fix application, at least 20 cm from any body part of the user or nearby persons; from the maximum

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EUT RF output power, the minimum separation distance, $r=20\text{cm}$, as well as the gain of the used antenna is refer to section 2.2, the RF power density can be obtained.

Modulation Type	Output power		Antenna Gain (dBi)	Antenna Gain (linear)	MPE (mW/cm ²)	MPE Limits (mW/cm ²)
	dBm	mW				
LTE Band 5	25.0	316.2278	2.0	1.5849	0.0998	0.5493
LTE Band 7	25.0	316.2278	2.0	1.5849	0.0998	1.0000

Remark:

1. Output power (Peak) including turn-up tolerance;
2. MPE evaluate distance is 20cm from user manual provide by manufacturer.

4.6 Simultaneous Transmission for MPE Result

N/A

5 Conclusion

The measurement results comply with the FCC Limit per 47 CFR 2.1091 for the uncontrolled RF Exposure of mobile device Threshold per KDB 447498 D01v06

***** End of Report *****

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