

TEST REPORT

CERTIFICATE OF CONFORMITY

Standard: 47 CFR FCC Part 96
47 CFR FCC Part 2

Report No.: RFCVSF-WTW-P25090814A-5 R1

FCC ID: PKRISGM4010

Product: Wireless Hotspot

Brand: Inseego

Model No.: M4010

Received Date: 2026/4/20

Test Date: 2026/5/30

Issued Date: 2026/6/17

Applicant: Inseego Corp.

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Issued By: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch
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FCC Registration /
Designation Number: 788550 / TW0003

Approved by: Jeremy Lin, **Date:** 2026/6/17
Jeremy Lin / Project Engineer

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Prepared by : Pettie Chen / Senior Specialist



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Reference No.: CVSF-WTW-P26040408

Cancels and replaces the report no.: RFCVSF-WTW-P25090814A-5 dated on 2026/6/11

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Release Control Record

Issue No.	Description	Date Issued
RFCVSF-WTW-P25090814A-5	Original release.	2026/6/11
RFCVSF-WTW-P25090814A-5 R1	Update page 6, 13, 15	2026/6/17

1 Certificate

Product: Wireless Hotspot

Brand: Inseego

Test Model: M4010

Sample Status: Engineering sample

Applicant: Inseego Corp.

Test Date: 2026/5/30

Standard: 47 CFR FCC Part 96
47 CFR FCC Part 2

Measurement procedure: ANSI/TIA/EIA-603-E 2016
ANSI C63.26-2015
KDB 971168 D01 Power Meas License Digital Systems v03r01
KDB 940660 D01 Part 96 CBRS Eqpt v03

The above equipment has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's RF characteristics under the conditions specified in this report.

2 Summary of Test Results

Standard / Clause	Test Item	Result	Remark
Part 2.1046 Part 96.41(b)	Maximum EIRP	Pass	Meet the requirement of limit.
Part 2.1047	Modulation Characteristics	N/A	Refer to Note
Part 2.1046 Part 96.41(b)	Maximum Power Spectral Density	N/A	Not Applicable. This device is End User Device.
Part 96.41(g)	Peak to Average Ratio	N/A	Refer to Note
Part 2.1049	Bandwidth	N/A	Refer to Note
Part 2.1051 Part 96.41(e)	Conducted Spurious Emissions	N/A	Refer to Note
Part 2.1053 Part 96.41(e)	Radiated Spurious Emissions below 1GHz	N/A	Refer to Note
Part 2.1053 Part 96.41(e)	Radiated Spurious Emissions above 1GHz	N/A	Refer to Note
Part 2.1055	Frequency Stability	N/A	Refer to Note

Notes:

1. Only test item of Maximum EIRP was performed for this report. Test data for other test items please refer to BV CPS report no.: RFCVSF-WTW-P25090814-9.
2. Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.
3. LTE CA mode is similar to digital modulation in LTE single frequency band, so please refer to BV CPS report no.: RFCVSF-WTW-P25090814-6 for the modulation characteristics data of CA mode.

2.1 Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

Parameter	Specification	Uncertainty (±)
Effective Radiated Power and Equivalent Isotropically Radiated Power	-	1.371 dB

The other instruments specified are routine verified to remain within the calibrated levels, no measurement uncertainty is required to be calculated.

2.2 Supplementary Information

There is not any deviation from the test standards for the test method, and no modifications required for compliance.

3 General Information

3.1 General Description of EUT

Product	Wireless Hotspot
Brand	Inseego
Test Model	M4010
Market Model Name	M4000, M4040
Model Difference	Marketing purpose
Status of EUT	Engineering sample
Power Supply Rating	5 Vdc or 9 Vdc or 12 Vdc from adapter 3.85 Vdc from battery
EUT Category	End User Device
Modulation Type	QPSK, 16QAM, 64QAM, 256QAM
LTE support SISO bands	B48
LTE bands support CA mode	48C
PC3 for Power Class	B48

Note:

1. This report is issued as a supplementary report to BV CPS report no.: RFCVSF-WTW-P25090814-9. The difference compared to the original report is adding CA Band 2C, 5B, 7C, 12B, 41C, 66B, 66C. The Maximum EIRP test is performed for the addendum. Refer to original report for the other test data.

2. The EUT uses following accessories.

Item	Brand	Model	Specification	P/N
AC Adapter	SUNUN	P181	AC Input: 100-240 Vac, 50/60 Hz, 0.5 A max DC Output: 5 Vdc, 3 A; 9 Vdc, 2 A; 12 Vdc, 1.5 A	-
USB Cable	inseego	-	Signal Line: 1.0 m, shielded	CAB-60723090
Battery	inseego	754685	3.85 Vdc, 5050 mAh, 19.44 Wh	-

3. EUT Overview

LTE Band 48C, Output Power: Full Power

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
20 MHz + 20 MHz	3560 ~ 3690	QPSK	0.013	11
		16QAM	0.010	9.94
		64QAM	0.008	8.89
		256QAM	0.006	7.87

LTE Band 48C, Output Power: dBm/10 MHz

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
20 MHz + 20 MHz	3560 ~ 3690	QPSK	0.012	10.93
		16QAM	0.010	9.9
		64QAM	0.008	8.87
		256QAM	0.006	7.75

3.2 Antenna Description of EUT

Type		PIFA		
Connector		Contact spring		
Band		Freq. Range (MHz)	Gain (dBi)	
			WWAN (A2-TX0)	WWAN (A3-TX1)
LTE B48C	1TX	3550 ~ 3700	0.31	0.97

* For 1TX (Diversity), the maximum antenna gain for each band were chosen for final test.

* The above Antenna information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications, the laboratory shall not be held responsible.

3.3 Test Mode Applicability and Tested Channel Detail

Pre-Scan:	1. EUT can be used in the following ways: X-axis/ Y-axis/ Z-axis. Pre-scan these ways and find the worst case as a representative test condition. 2. Pre-Scan has been conducted to determine the worst-case from all possible combinations of EUT configure mode (1TX or 2TX if available), channel, bandwidth, modulation and RB mode. See below table(s) for details.
Worst Case:	X-axis/ Y-axis/ Z-axis Worst Condition: Y-axis

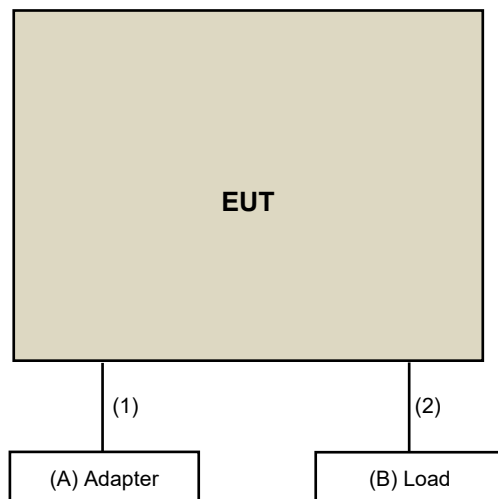
3.3.1 LTE Band 48C

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
Equivalent Isotropically Radiated Power	55340 (3560 MHz) + 55538 (3579.8 MHz) 55891 (3615.1 MHz) + 56089 (3634.9 MHz) 56442 (3670.2 MHz) + 56640 (3690 MHz)	20 MHz + 20 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB

3.4 Test Program Used and Operation Descriptions

There is no need to controlling software during the test, and the EUT can be paired with the Radio Communication Analyzer to test the connection when it is powered on.

3.5 Connection Diagram of EUT and Peripheral Devices



Remote Site



3.6 Configuration of Peripheral Devices and Cable Connections

ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A	Adapter	SUNUN	P181	N/A	N/A	Accessory of EUT
B	Load	N/A	N/A	N/A	N/A	Provided by Lab
C	Radio Communication Analyzer	Anritsu	MT8821C	6272278310	N/A	Provided by Lab

ID	Cable Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1	USB Cable	1	1.0	Yes	0	Accessory of EUT
2	RJ45 Cable	1	1.5	No	0	Provided by Lab

4 Test Instruments

The calibration interval of the all test instruments are 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

4.1 Maximum EIRP

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Fixed Attenuator Woken	00800A1K01A-10	00800A1K01A-10-01	2026/5/21	2027/5/20
PXA Signal Analyzer Keysight	N9030B	MY57140953	2025/7/31	2026/7/30
Radio Communication Analyzer Anritsu	MT8821C	6261806803	2026/2/12	2027/2/11
Software BV	ADT_RF Test Software V7.6.5.4	N/A	N/A	N/A

Notes:

1. The test was performed in HY - Oven room(Hwaya).
2. Tested Date: 2026/5/30

5 Limits of Test Items

5.1 Maximum EIRP

For LTE Band 48C:

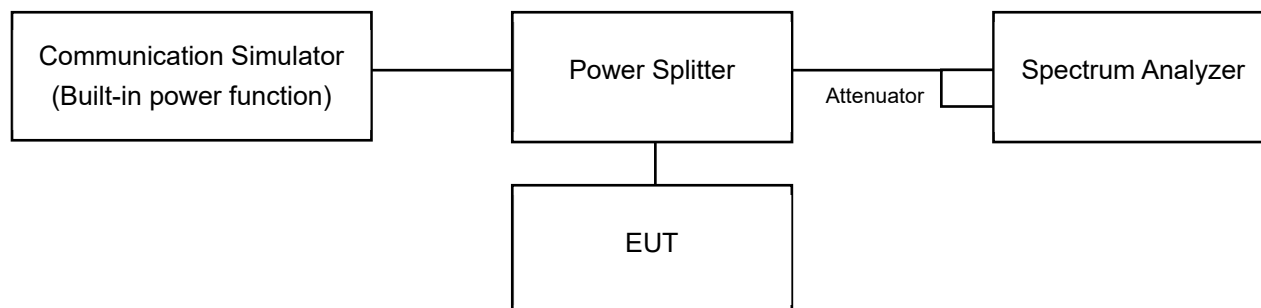
Device Category	Maximum EIRP (dBm/10 MHz)
End User Device	23
Category A CBSD	30
Category B CBSD	47

6 Test Arrangements

6.1 Maximum EIRP

6.1.1 Test Setup

Conducted Power Measurement:



6.1.2 Test Procedure

Conducted Power Measurement:

The EUT is configured by emulator to set data modulation and maximum power using WWAN technology and link to spectrum analyzer measurements. Set the EUT to transmit under low, middle and high channel and record the power level shown on spectrum analyzer. Power measurements use detector average (rms).

Measurement method refers to ANSI C63.26 section 5.2.4.4.

- Set span to $2 \times$ to $3 \times$ the OBW.
- Set RBW = 1% to 5% of the OBW.
- Set VBW $\geq 3 \times$ RBW.
- Set number of measurement points in sweep $\geq 2 \times$ span / RBW.
- Set Sweep time = auto-couple.
- Detector = power averaging (rms).
- Set sweep trigger to "free run."
- Trace average at least 100 traces in power averaging (rms) mode.
- Use the Band/Channel Power function to determine the integrated power per 10 MHz bandwidth and full bandwidth, according to the 47 CFR FCC Part 96 standard.
- If Duty cycle < 98%, Add $10 \log (1/\text{duty cycle})$ to the measured power level to compute the average power during continuous transmission.

Maximum EIRP / ERP

The relevant equation for determining the maximum ERP or EIRP from the measured RF output power is given in Equation as follows:

$$\text{EIRP} = P_{\text{Meas}} + G_T$$

$$\text{ERP} = P_{\text{Meas}} + G_T - 2.15$$

where

ERP or EIRP effective radiated power or equivalent isotropically radiated power, respectively

(expressed in the same units as P_{Meas} , e.g., dBm or dBW)

P_{Meas} measured transmitter output power or PSD, in dBm or dBW

G_T gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP)

7 Test Results of Test Item

7.1 Maximum EIRP

Environmental Conditions:	23°C, 74% RH	Tested By:	Willy Cheng
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7.1.1 LTE Band 48C

Conducted Output Power (dBm), Output Power: Full Power

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Tx Power with UL-CA Active (dBm)
		Total														
Intra Band Conti- guous	48C	48	20	QPSK	1	0	55340	3560	48	20	QPSK	1	99	55538	3629.8	9.94
					1	99						1	0			9.76
		48	20	QPSK	1	0	55891	3615.1	48	20	QPSK	1	99	56089	3634.9	10.03
					1	99						1	0			9.35
		48	20	QPSK	1	0	56442	3670.2	48	20	QPSK	1	99	56640	3690	10.02
					1	99						1	0			9.70
Intra Band Conti- guous	48C	48	20	16QAM	1	0	55340	3560	48	20	16QAM	1	99	55538	3629.8	8.97
					1	99						1	0			8.73
		48	20	16QAM	1	0	55891	3615.1	48	20	16QAM	1	99	56089	3634.9	8.94
					1	99						1	0			8.39
		48	20	16QAM	1	0	56442	3670.2	48	20	16QAM	1	99	56640	3690	8.86
					1	99						1	0			8.60
Intra Band Conti- guous	48C	48	20	64QAM	1	0	55340	3560	48	20	64QAM	1	99	55538	3629.8	7.83
					1	99						1	0			7.64
		48	20	64QAM	1	0	55891	3615.1	48	20	64QAM	1	99	56089	3634.9	7.92
					1	99						1	0			7.31
		48	20	64QAM	1	0	56442	3670.2	48	20	64QAM	1	99	56640	3690	7.79
					1	99						1	0			7.55
Intra Band Conti- guous	48C	48	20	256QAM	1	0	55340	3560	48	20	256QAM	1	99	55538	3629.8	6.79
					1	99						1	0			6.55
		48	20	256QAM	1	0	55891	3615.1	48	20	256QAM	1	99	56089	3634.9	6.90
					1	99						1	0			6.21
		48	20	256QAM	1	0	56442	3670.2	48	20	256QAM	1	99	56640	3690	6.76
					1	99						1	0			6.59

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Tx Power with UL-CA Active (dBm)
																Total
Intra Band Conti- guous	48C	48	20	QPSK	50	50	55340	3560	48	20	QPSK	50	50	55538	3629.8	9.96
					50	50						50	50			9.64
		48	20	QPSK	50	50	55891	3615.1	48	20	QPSK	50	50	56089	3634.9	9.85
					50	50						50	50			9.55
		48	20	QPSK	50	50	56442	3670.2	48	20	QPSK	50	50	56640	3690	9.66
					50	50						50	50			9.42
Intra Band Conti- guous	48C	48	20	16QAM	50	50	55340	3560	48	20	16QAM	50	50	55538	3629.8	8.67
					50	50						50	50			8.33
		48	20	16QAM	50	50	55891	3615.1	48	20	16QAM	50	50	56089	3634.9	8.53
					50	50						50	50			8.14
		48	20	16QAM	50	50	56442	3670.2	48	20	16QAM	50	50	56640	3690	8.41
					50	50						50	50			8.02
Intra Band Conti- guous	48C	48	20	64QAM	50	50	55340	3560	48	20	64QAM	50	50	55538	3629.8	7.59
					50	50						50	50			7.16
		48	20	64QAM	50	50	55891	3615.1	48	20	64QAM	50	50	56089	3634.9	7.44
					50	50						50	50			7.15
		48	20	64QAM	50	50	56442	3670.2	48	20	64QAM	50	50	56640	3690	7.32
					50	50						50	50			7.03
Intra Band Conti- guous	48C	48	20	256QAM	50	50	55340	3560	48	20	256QAM	50	50	55538	3629.8	6.43
					50	50						50	50			6.15
		48	20	256QAM	50	50	55891	3615.1	48	20	256QAM	50	50	56089	3634.9	6.36
					50	50						50	50			6.06
		48	20	256QAM	50	50	56442	3670.2	48	20	256QAM	50	50	56640	3690	6.27
					50	50						50	50			5.94

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Tx Power with UL-CA Active (dBm)
																Total
Intra Band Conti- guous	48C	48	20	QPSK	100	0	55340	3560	48	20	QPSK	100	0	55538	3629.8	9.90
					100	0						100	0			9.46
		48	20	QPSK	100	0	55891	3615.1	48	20	QPSK	100	0	56089	3634.9	9.92
					100	0						100	0			9.33
		48	20	QPSK	100	0	56442	3670.2	48	20	QPSK	100	0	56640	3690	9.79
					100	0						100	0			9.28
Intra Band Conti- guous	48C	48	20	16QAM	100	0	55340	3560	48	20	16QAM	100	0	55538	3629.8	8.78
					100	0						100	0			8.28
		48	20	16QAM	100	0	55891	3615.1	48	20	16QAM	100	0	56089	3634.9	8.72
					100	0						100	0			8.32
		48	20	16QAM	100	0	56442	3670.2	48	20	16QAM	100	0	56640	3690	8.58
					100	0						100	0			8.15
Intra Band Conti- guous	48C	48	20	64QAM	100	0	55340	3560	48	20	64QAM	100	0	55538	3629.8	7.65
					100	0						100	0			7.26
		48	20	64QAM	100	0	55891	3615.1	48	20	64QAM	100	0	56089	3634.9	7.61
					100	0						100	0			7.30
		48	20	64QAM	100	0	56442	3670.2	48	20	64QAM	100	0	56640	3690	7.49
					100	0						100	0			7.17
Intra Band Conti- guous	48C	48	20	256QAM	100	0	55340	3560	48	20	256QAM	100	0	55538	3629.8	6.55
					100	0						100	0			6.10
		48	20	256QAM	100	0	55891	3615.1	48	20	256QAM	100	0	56089	3634.9	6.45
					100	0						100	0			6.04
		48	20	256QAM	100	0	56442	3670.2	48	20	256QAM	100	0	56640	3690	6.36
					100	0						100	0			5.93

EIRP Power (dBm)

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	9.28	10.03	10.25	11	23.00
16QAM	8.02	8.97	8.99	9.94	23.00
64QAM	7.03	7.92	8	8.89	23.00
256QAM	5.93	6.90	6.9	7.87	23.00

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

Conducted Output Power (dBm), Output Power: dBm/10 MHz

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Tx Power with UL-CA Active (dBm)
																Total
Intra Band Conti- guous	48C	48	20	QPSK	1	0	55340	3560	48	20	QPSK	1	99	55538	3629.8	9.95
					1	99						1	0			9.77
		48	20	QPSK	1	0	55891	3615.1	48	20	QPSK	1	99	56089	3634.9	9.96
					1	99						1	0			9.34
		48	20	QPSK	1	0	56442	3670.2	48	20	QPSK	1	99	56640	3690	9.96
					1	99						1	0			9.64
Intra Band Conti- guous	48C	48	20	16QAM	1	0	55340	3560	48	20	16QAM	1	99	55538	3629.8	8.93
					1	99						1	0			8.62
		48	20	16QAM	1	0	55891	3615.1	48	20	16QAM	1	99	56089	3634.9	8.90
					1	99						1	0			8.30
		48	20	16QAM	1	0	56442	3670.2	48	20	16QAM	1	99	56640	3690	8.79
					1	99						1	0			8.56
Intra Band Conti- guous	48C	48	20	64QAM	1	0	55340	3560	48	20	64QAM	1	99	55538	3629.8	7.83
					1	99						1	0			7.60
		48	20	64QAM	1	0	55891	3615.1	48	20	64QAM	1	99	56089	3634.9	7.90
					1	99						1	0			7.25
		48	20	64QAM	1	0	56442	3670.2	48	20	64QAM	1	99	56640	3690	7.79
					1	99						1	0			7.51
Intra Band Conti- guous	48C	48	20	256QAM	1	0	55340	3560	48	20	256QAM	1	99	55538	3629.8	6.72
					1	99						1	0			6.54
		48	20	256QAM	1	0	55891	3615.1	48	20	256QAM	1	99	56089	3634.9	6.78
					1	99						1	0			6.26
		48	20	256QAM	1	0	56442	3670.2	48	20	256QAM	1	99	56640	3690	6.74
					1	99						1	0			6.50

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Tx Power with UL-CA Active (dBm)
																Total
Intra Band Conti- guous	48C	48	20	QPSK	50	50	55340	3560	48	20	QPSK	50	50	55538	3629.8	9.85
					50	50						50	50			9.64
		48	20	QPSK	50	50	55891	3615.1	48	20	QPSK	50	50	56089	3634.9	9.70
					50	50						50	50			9.45
		48	20	QPSK	50	50	56442	3670.2	48	20	QPSK	50	50	56640	3690	9.66
					50	50						50	50			9.37
Intra Band Conti- guous	48C	48	20	16QAM	50	50	55340	3560	48	20	16QAM	50	50	55538	3629.8	8.63
					50	50						50	50			8.33
		48	20	16QAM	50	50	55891	3615.1	48	20	16QAM	50	50	56089	3634.9	8.48
					50	50						50	50			8.12
		48	20	16QAM	50	50	56442	3670.2	48	20	16QAM	50	50	56640	3690	8.35
					50	50						50	50			7.99
Intra Band Conti- guous	48C	48	20	64QAM	50	50	55340	3560	48	20	64QAM	50	50	55538	3629.8	7.61
					50	50						50	50			7.15
		48	20	64QAM	50	50	55891	3615.1	48	20	64QAM	50	50	56089	3634.9	7.37
					50	50						50	50			7.09
		48	20	64QAM	50	50	56442	3670.2	48	20	64QAM	50	50	56640	3690	7.21
					50	50						50	50			6.93
Intra Band Conti- guous	48C	48	20	256QAM	50	50	55340	3560	48	20	256QAM	50	50	55538	3629.8	6.39
					50	50						50	50			6.16
		48	20	256QAM	50	50	55891	3615.1	48	20	256QAM	50	50	56089	3634.9	6.35
					50	50						50	50			6.06
		48	20	256QAM	50	50	56442	3670.2	48	20	256QAM	50	50	56640	3690	6.20
					50	50						50	50			5.99

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Tx Power with UL-CA Active (dBm)
																Total
Intra Band Conti- guous	48C	48	20	QPSK	100	0	55340	3560	48	20	QPSK	100	0	55538	3629.8	9.90
					100	0						100	0			9.44
		48	20	QPSK	100	0	55891	3615.1	48	20	QPSK	100	0	56089	3634.9	9.79
					100	0						100	0			9.19
		48	20	QPSK	100	0	56442	3670.2	48	20	QPSK	100	0	56640	3690	9.63
					100	0						100	0			9.23
Intra Band Conti- guous	48C	48	20	16QAM	100	0	55340	3560	48	20	16QAM	100	0	55538	3629.8	8.59
					100	0						100	0			8.28
		48	20	16QAM	100	0	55891	3615.1	48	20	16QAM	100	0	56089	3634.9	8.45
					100	0						100	0			8.12
		48	20	16QAM	100	0	56442	3670.2	48	20	16QAM	100	0	56640	3690	8.34
					100	0						100	0			7.96
Intra Band Conti- guous	48C	48	20	64QAM	100	0	55340	3560	48	20	64QAM	100	0	55538	3629.8	7.46
					100	0						100	0			7.16
		48	20	64QAM	100	0	55891	3615.1	48	20	64QAM	100	0	56089	3634.9	7.33
					100	0						100	0			7.03
		48	20	64QAM	100	0	56442	3670.2	48	20	64QAM	100	0	56640	3690	7.25
					100	0						100	0			6.93
Intra Band Conti- guous	48C	48	20	256QAM	100	0	55340	3560	48	20	256QAM	100	0	55538	3629.8	6.40
					100	0						100	0			6.04
		48	20	256QAM	100	0	55891	3615.1	48	20	256QAM	100	0	56089	3634.9	6.32
					100	0						100	0			5.91
		48	20	256QAM	100	0	56442	3670.2	48	20	256QAM	100	0	56640	3690	6.19
					100	0						100	0			5.87

EIRP Power (dBm)

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	9.19	9.96	10.16	10.93	23.00
16QAM	7.96	8.93	8.93	9.9	23.00
64QAM	6.93	7.9	7.9	8.87	23.00
256QAM	5.87	6.78	6.84	7.75	23.00

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

8 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo)

9 Information of the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are FCC recognized accredited test firms and accredited according to ISO/IEC 17025.

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The address and road map of all our labs can be found in our web site also.

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