



SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/2

Report No.: SZCR251100484605

Page: 1 of 20

TEST REPORT

Application No.: SZCR2511004846AT
Applicant: DS Services of America, Inc. dba Primo Water North America
Address of Applicant: 1150 Assembly Drive, Suite 800, Tampa, FL 33607.
Manufacturer: DS Services of America, Inc. dba Primo Water North America
Address of Manufacturer: 1150 Assembly Drive, Suite 800, Tampa, FL 33607.
Factory: DS Services of America, Inc. dba Primo Water North America
Address of Factory: 1150 Assembly Drive, Suite 800, Tampa, FL 33607.
Equipment Under Test (EUT):
EUT Name: BRIOT1.0
Model No.: BRIOT1.0
Trade Mark: PRIMO
FCC ID: 2A9TV-BRIOT1
Standard(s) :
47 CFR Part 2
47 CFR Part 22
47 CFR Part 24
47 CFR Part 27
47 CFR Part 90
Date of Receipt: 2025-11-06
Date of Test: 2025-11-14 to 2025-12-08
Date of Issue: 2025-12-09

Test Result:	Pass*
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* In the configuration tested, the EUT complied with the standards specified above.

Keny Xu

Keny Xu
EMC Laboratory Manager



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Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2025-12-09		Original

Authorized for issue by:				
		Edison Li		
		Edison Li/Project Engineer		
		Eric Fu		
		Eric Fu/Reviewer		



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2 Test Summary

Test Item	FCC Rule No.	Requirements	Test Result	Verdict
Field Strength of Spurious Radiation	47 CFR Part 2 47 CFR Part 22 47 CFR Part 24 47 CFR Part 27 47 CFR Part 90	FCC: ≤ -13 dBm	Appendix A	Pass

Remark for report SZCR251100484605:

Model No.: BRIOT1.0

This device is equipped with a certified Quectel module.

According to the declaration from the applicant, none of the RF parameters of the BG95-M5 module in this device have been altered, and apply to the original module certificate holder for authorisation to use the RF conducted data of the BG95-M5 module.

Therefore in this report Field strength of spurious radiation was fully retested on model BRIOT1.0 and shown the data in this report.



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4 General Information

4.1 Details of E.U.T.

Power supply:	Power Adapter Model: YL241-1202000U Input: AC 100-240V, 50/60Hz, 0.6A Output: DC 12.0V, 2.0A, 24.0W
Cable(s):	DC cable:140cm unshielded
LTE Operation Frequency Band:	CatM1 Band 2/4/5/12/13/25/26/66/85
Modulation Type:	QPSK, 16QAM
Antenna Type:	PIFA Antenna
Antenna Gain:	CatM1 Band 2: 4.61dBi, CatM1 Band 4: 4.61dBi, CatM1 Band 5: 2.43dBi, CatM1 Band 12: 2.43dBi, CatM1 Band 13: 2.43dBi, CatM1 Band 25: 4.61dBi, CatM1 Band 26: 2.43dBi, CatM1 Band 66: 2.43dBi, CatM1 Band 85: 2.43dBi.
RF Cable:	9kHz ~ 30MHz(0.3dB); 30MHz ~ 1000MHz(0.6dB) 1000MHz ~ 2000MHz(0.8dB); 2000MHz ~ 4000MHz(1.1dB) 4000MHz ~ 6000MHz(1.8dB); 6000MHz ~ 12750MHz(2.6dB)

Remark:

As above information is provided and confirmed by the applicant. SGS is not liable to the accuracy, suitability, reliability or/and integrity of the information.

4.2 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
/	/	/	/

4.3 Measurement Uncertainty

No.	Item	Measurement Uncertainty
1	Radiated Spurious emission test	4.5dB (Below 1GHz)
		4.8dB (Above 1GHz)
2	Temperature test	1°C
3	Humidity test	3%
4	Supply voltages	1.5%
5	Time	3%



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4.4 Test Location

All tests were performed at:

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No tests were sub-contracted.

4.5 Test Facility

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

• A2LA (Certificate No. 3816.01)

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 3816.01.

• VCCI (Member No. 1937)

The 3m Fully-anechoic chamber for above 1GHz, 10m Semi-anechoic chamber for below 1GHz, Shielded Room for Mains Port Conducted Interference Measurement and Telecommunication Port Conducted Interference Measurement of SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen EMC laboratory have been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: G-20026, R-14188, C-12383 and T-11153 respectively.

• FCC –Designation Number: CN1336

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory has been recognized as an accredited testing laboratory.

Designation Number: CN1336. Test Firm Registration Number: 787754.

• Innovation, Science and Economic Development Canada

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory has been recognized by ISED as an accredited testing laboratory.

CAB identifier: CN0006.

IC#: 4620C.

4.6 Deviation from Standards

None

4.7 Abnormalities from Standard Conditions

None



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5 Equipment List

Radiated spurious emissions					
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. date	Cal.Due date
Signal & Spectrum Analyzer	Rohde & Schwarz	FSV	SZ-WRG-M-048	2025-01-07	2026-01-06
Low Noise Amplifier 1G-18GHz	Tonscend	TAP01018050	SZ-WRG-M-051	2025-01-07	2026-01-06
Low Noise Amplifier 18G-40GHz	Tonscend	TAP18040048	SZ-WRG-M-052	2025-01-08	2026-01-07
Double Ridge Horn Antenna 1GHz-18GHz	SCHWARZBECK	BBHA 9120 D	SZ-WRG-M-055	2023-12-21	2025-12-20
SHF-EHF Horn 15GHz-40GHz	SCHWARZBECK	BBHA 9170	SZ-WRG-M-056	2023-12-25	2025-12-24
RSE Test Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Chamber	CRTSGSSAC966	N/A	SZ-WRG-C-063	2025-01-06	2028-01-05
Humidity and Temperature Indicator	deli	8838	SEM002-46	2025-07-23	2026-07-22

General used equipment					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Humidity/ Temperature Indicator	deli	8838	SEM002-32	2025-07-23	2026-07-22
Humidity/ Temperature Indicator	deli	8838	SEM002-33	2025-07-23	2026-07-22
Barometer	Changchun Meteorological Industry Factory	DYM3	SEM002-01	2025-03-03	2026-03-02



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6 Radio Spectrum Matter Test Results

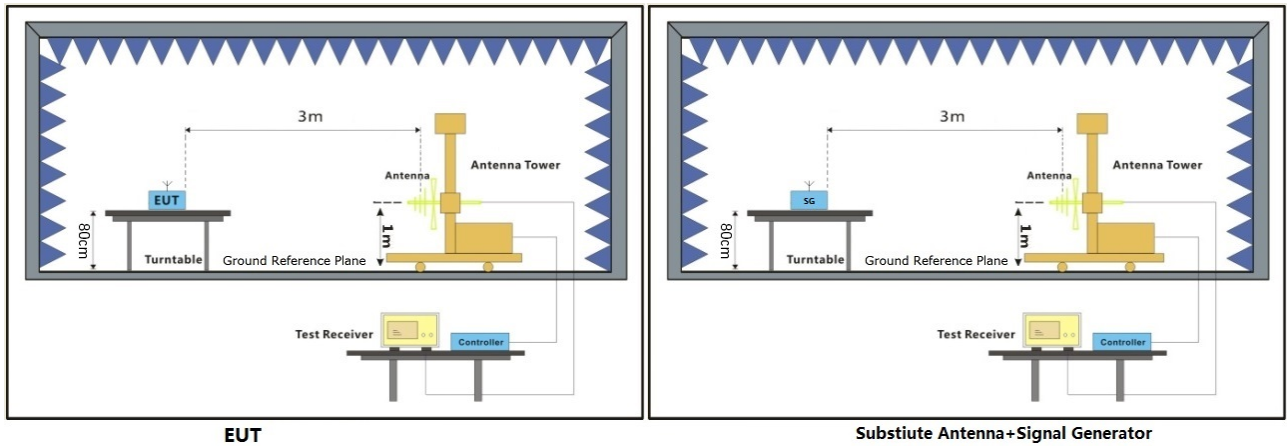
6.1 Field strength of spurious radiation

Test Requirement: Reference test summary
 Test Method: ANSI C63.26-2015, KDB 971168 D01 v03
 Limit: Reference test summary

6.1.1 E.U.T. Operation

Operating Environment:
 Temperature: 22.6 °C Humidity: 53.9 % RH Atmospheric Pressure: 1020 mbar
 Test mode: 03: Tx mode, Keep the EUT in transmitting mode.

6.1.2 Test Setup Diagram



6.1.3 Measurement Procedure and Data

Test Procedure:

- (1) On a test site, the EUT shall be placed on a turntable and in the position closest to the normal use as declared by the user.
- (2) The test antenna shall be oriented initially for vertical polarization located 3m from the EUT to correspond to the transmitter.
- (3) The output of the antenna shall be connected to the measuring receiver and either a peak or quasi-peak detector was used for the measurement as indicated on the report. The detector selection is based on how close the emission level was approaching the limit.
- (4) The transmitter shall be switched on; if possible, without the modulation and the measurement receiver shall be tuned to the frequency of the transmitter under test.
- (5) The test antenna shall be raised and lowered through the specified range of height until the measuring receiver detects a maximum signal level.
- (6) The transmitter shall then be rotated through 360° in the horizontal plane, until the maximum signal level is detected by the measuring receiver.
- (7) The test antenna shall be raised and lowered again through the specified range of height until the measuring receiver detects a maximum signal level.
- (8) The maximum signal level detected by the measuring receiver shall be noted.
- (9) The measurement shall be repeated with the test antenna set to horizontal polarization.
- (10) Replace the antenna with a proper Antenna (substitution antenna).
- (11) The substitution antenna shall be oriented for vertical polarization and, if necessary, the length of the substitution antenna shall be adjusted to correspond to the frequency of transmitting.
- (12) The substitution antenna shall be connected to a calibrated signal generator.
- (13) If necessary, the input attenuator setting of the measuring receiver shall be adjusted in order to increase the sensitivity of the measuring receiver.
- (14) The test antenna shall be raised and lowered through the specified range of the height to ensure that the maximum signal is received.
- (15) The input signal to substitution antenna shall be adjusted to the level that produces a level detected by the measuring receiver, that is equal to the level noted while the transmitter radiated power was measured, corrected for the change of input attenuation setting of the measuring receiver.
- (16) The input level to the substitution antenna shall be recorded as power level in dBm, corrected for any change of input attenuator setting of the measuring receiver.
- (17) The measurement shall be repeated with the test antenna and the substitution antenna oriented for horizontal polarization.

Please refer to Appendix A

Note: All modes have been tested and we found QPSK test mode has the worst test result. Only record the worst test result.

EIRP= S.G. Power- Cable loss+ Antenna Gain



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7 Test Setup Photo

Refer to Appendix – Test Setup Photos for SZCR2511004846AT

8 EUT Constructional Details (EUT Photos)

Refer to Appendix - External and Internal photos for SZCR2511004846AT



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9 Appendix A

LTE Band 2-Low channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3720.0	-57.54	-13	-44.54	-61.82	4.18	8.46	Horizontal	Pass
5580.0	-54.67	-13	-41.67	-59.75	5.37	10.45	Horizontal	Pass
7440.0	-51.93	-13	-38.93	-57.98	5.62	11.67	Horizontal	Pass
3720.0	-57.93	-13	-44.93	-62.21	4.18	8.46	Vertical	Pass
5580.0	-54.06	-13	-41.06	-59.14	5.37	10.45	Vertical	Pass
7440.0	-52.11	-13	-39.11	-58.16	5.62	11.67	Vertical	Pass

LTE Band 2-Middle channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3760.0	-53.11	-13	-40.11	-57.46	4.17	8.52	Horizontal	Pass
5640.0	-53.59	-13	-40.59	-58.69	5.35	10.45	Horizontal	Pass
7520.0	-48.99	-13	-35.99	-55.12	5.63	11.76	Horizontal	Pass
3760.0	-55.52	-13	-42.52	-59.87	4.17	8.52	Vertical	Pass
5640.0	-53.66	-13	-40.66	-58.76	5.35	10.45	Vertical	Pass
7520.0	-49.53	-13	-36.53	-55.66	5.63	11.76	Vertical	Pass

LTE Band 2-High channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3800.0	-57.22	-13	-44.22	-61.63	4.16	8.57	Horizontal	Pass
5700.0	-53.54	-13	-40.54	-58.67	5.32	10.45	Horizontal	Pass
7600.0	-50.5	-13	-37.5	-56.73	5.63	11.86	Horizontal	Pass
3800.0	-56.48	-13	-43.48	-60.89	4.16	8.57	Vertical	Pass
5700.0	-53.49	-13	-40.49	-58.62	5.32	10.45	Vertical	Pass
7600.0	-50.01	-13	-37.01	-56.24	5.63	11.86	Vertical	Pass



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LTE Band 4-Low channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3440.0	-47.31	-13	-34.31	-51.2	4.13	8.02	Horizontal	Pass
5160.0	-54.44	-13	-41.44	-59.44	5.24	10.24	Horizontal	Pass
6880.0	-52.1	-13	-39.1	-57.53	5.55	10.98	Horizontal	Pass
3440.0	-49.27	-13	-36.27	-53.16	4.13	8.02	Vertical	Pass
5160.0	-54.49	-13	-41.49	-59.49	5.24	10.24	Vertical	Pass
6880.0	-52.52	-13	-39.52	-57.95	5.55	10.98	Vertical	Pass

LTE Band 4-Middle channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3465.0	-46.98	-13	-33.98	-50.89	4.17	8.08	Horizontal	Pass
5197.5	-54.73	-13	-41.73	-59.73	5.26	10.26	Horizontal	Pass
6930.0	-53.01	-13	-40.01	-58.49	5.56	11.04	Horizontal	Pass
3465.0	-47.21	-13	-34.21	-51.12	4.17	8.08	Vertical	Pass
5197.5	-53.95	-13	-40.95	-58.95	5.26	10.26	Vertical	Pass
6930.0	-52.13	-13	-39.13	-57.61	5.56	11.04	Vertical	Pass

LTE Band 4-High channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3490.0	-45.6	-13	-32.6	-49.54	4.2	8.14	Horizontal	Pass
5235.0	-53.88	-13	-40.88	-58.89	5.28	10.29	Horizontal	Pass
6980.0	-53.01	-13	-40.01	-58.54	5.57	11.1	Horizontal	Pass
3490.0	-49.37	-13	-36.37	-53.31	4.2	8.14	Vertical	Pass
5235.0	-54.6	-13	-41.6	-59.61	5.28	10.29	Vertical	Pass
6980.0	-52.19	-13	-39.19	-57.72	5.57	11.1	Vertical	Pass



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LTE Band 5-Low channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1658.0	-55.91	-13	-42.91	-58.08	3.31	5.48	Horizontal	Pass
2487.0	-42.36	-13	-29.36	-44.71	3.44	5.79	Horizontal	Pass
3316.0	-58.38	-13	-45.38	-62.15	3.94	7.71	Horizontal	Pass
1658.0	-60.1	-13	-47.1	-62.27	3.31	5.48	Vertical	Pass
2487.0	-49.0	-13	-36.0	-51.35	3.44	5.79	Vertical	Pass
3316.0	-59.45	-13	-46.45	-63.22	3.94	7.71	Vertical	Pass

LTE Band 5-Middle channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1673.0	-58.9	-13	-45.9	-61.03	3.31	5.44	Horizontal	Pass
2509.5	-41.99	-13	-28.99	-44.39	3.44	5.84	Horizontal	Pass
3346.0	-57.88	-13	-44.88	-61.67	3.99	7.78	Horizontal	Pass
1673.0	-60.02	-13	-47.02	-62.15	3.31	5.44	Vertical	Pass
2509.5	-46.08	-13	-33.08	-48.48	3.44	5.84	Vertical	Pass
3346.0	-58.81	-13	-45.81	-62.6	3.99	7.78	Vertical	Pass

LTE Band 5-High channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1688.0	-58.19	-13	-45.19	-60.29	3.31	5.41	Horizontal	Pass
2532.0	-43.49	-13	-30.49	-45.94	3.44	5.89	Horizontal	Pass
3376.0	-58.04	-13	-45.04	-61.87	4.03	7.86	Horizontal	Pass
1688.0	-62.64	-13	-49.64	-64.74	3.31	5.41	Vertical	Pass
2532.0	-46.2	-13	-33.2	-48.65	3.44	5.89	Vertical	Pass
3376.0	-59.04	-13	-46.04	-62.87	4.03	7.86	Vertical	Pass



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LTE Band 12-Low channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1408.0	-44.16	-13	-31.16	-46.26	3.2	5.3	Horizontal	Pass
2112.0	-51.17	-13	-38.17	-52.71	3.35	4.89	Horizontal	Pass
2816.0	-59.86	-13	-46.86	-62.93	3.45	6.52	Horizontal	Pass
1408.0	-46.3	-13	-33.3	-48.4	3.2	5.3	Vertical	Pass
2112.0	-54.87	-13	-41.87	-56.41	3.35	4.89	Vertical	Pass
2816.0	-59.41	-13	-46.41	-62.48	3.45	6.52	Vertical	Pass

LTE Band 12-Middle channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1406.443	-43.43	-13	-30.43	-45.52	3.2	5.29	Horizontal	Pass
2114.052	-51.56	-13	-38.56	-53.09	3.36	4.89	Horizontal	Pass
3007.868	-57.87	-13	-44.87	-61.34	3.47	6.94	Horizontal	Pass
1406.443	-46.35	-13	-33.35	-48.44	3.2	5.29	Vertical	Pass
2107.95	-56.92	-13	-43.92	-58.45	3.35	4.88	Vertical	Pass
2880.247	-59.44	-13	-46.44	-62.64	3.46	6.66	Vertical	Pass

LTE Band 12-High channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1414.597	-43.7	-13	-30.7	-45.83	3.21	5.34	Horizontal	Pass
2120.171	-50.3	-13	-37.3	-51.85	3.36	4.91	Horizontal	Pass
3177.672	-57.63	-13	-44.63	-61.26	3.73	7.36	Horizontal	Pass
1414.597	-46.51	-13	-33.51	-48.64	3.21	5.34	Vertical	Pass
2120.171	-55.5	-13	-42.5	-57.05	3.36	4.91	Vertical	Pass
2964.712	-58.54	-13	-45.54	-61.92	3.46	6.84	Vertical	Pass



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LTE Band 13-Middle channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1564.0	-43.67	-40	-3.67	-46.09	3.3	5.72	Horizontal	Pass
2332.356	-38.53	-13	-25.53	-40.55	3.4	5.42	Horizontal	Pass
3114.025	-53.78	-13	-40.78	-57.36	3.63	7.21	Horizontal	Pass
1597.181	-61.1	-40	-21.1	-63.43	3.31	5.64	Vertical	Pass
2407.703	-58.36	-13	-45.36	-60.54	3.42	5.6	Vertical	Pass
3233.26	-56.98	-13	-43.98	-60.67	3.81	7.5	Vertical	Pass

LTE Band 25-Low channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3720.0	-58.32	-13	-45.32	-62.6	4.18	8.46	Horizontal	Pass
5580.0	-53.27	-13	-40.27	-58.35	5.37	10.45	Horizontal	Pass
7440.0	-52.51	-13	-39.51	-58.56	5.62	11.67	Horizontal	Pass
3720.0	-57.6	-13	-44.6	-61.88	4.18	8.46	Vertical	Pass
5580.0	-53.98	-13	-40.98	-59.06	5.37	10.45	Vertical	Pass
7440.0	-52.55	-13	-39.55	-58.6	5.62	11.67	Vertical	Pass

LTE Band 25-Middle channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3714.443	-56.97	-13	-43.97	-61.25	4.18	8.46	Horizontal	Pass
5647.5	-53.42	-13	-40.42	-58.53	5.34	10.45	Horizontal	Pass
7530.0	-51.28	-13	-38.28	-57.43	5.63	11.78	Horizontal	Pass
3765.0	-58.09	-13	-45.09	-62.45	4.17	8.53	Vertical	Pass
5647.5	-54.19	-13	-41.19	-59.3	5.34	10.45	Vertical	Pass
7530.0	-50.22	-13	-37.22	-56.37	5.63	11.78	Vertical	Pass



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LTE Band 25-High channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3810.0	-56.67	-13	-43.67	-61.1	4.16	8.59	Horizontal	Pass
5715.0	-54.13	-13	-41.13	-59.26	5.32	10.45	Horizontal	Pass
7620.0	-48.92	-13	-35.92	-55.17	5.63	11.88	Horizontal	Pass
3810.0	-55.88	-13	-42.88	-60.31	4.16	8.59	Vertical	Pass
5715.0	-54.11	-13	-41.11	-59.24	5.32	10.45	Vertical	Pass
7620.0	-46.91	-13	-33.91	-53.16	5.63	11.88	Vertical	Pass

LTE Band 26a(814-824MHz)-Middle channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1655.354	-57.22	-13	-44.22	-59.4	3.31	5.49	Horizontal	Pass
2481.231	-44.98	-13	-31.98	-47.31	3.44	5.77	Horizontal	Pass
3402.126	-57.67	-13	-44.67	-61.53	4.07	7.93	Horizontal	Pass
1655.354	-60.53	-13	-47.53	-62.71	3.31	5.49	Vertical	Pass
2481.231	-48.48	-13	-35.48	-50.81	3.44	5.77	Vertical	Pass
3274.672	-57.84	-13	-44.84	-61.57	3.88	7.61	Vertical	Pass

LTE Band 26b(824-849MHz)-Low channel, Modulation: QPSK, Bandwidth:15MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1634.419	-53.08	-13	-40.08	-55.31	3.31	5.54	Horizontal	Pass
2456.095	-39.94	-13	-26.94	-42.22	3.43	5.71	Horizontal	Pass
3436.944	-57.17	-13	-44.17	-61.06	4.12	8.01	Horizontal	Pass
1764.123	-51.63	-13	-38.63	-53.52	3.32	5.21	Vertical	Pass
2456.095	-45.97	-13	-32.97	-48.25	3.43	5.71	Vertical	Pass
3983.75	-55.6	-13	-42.6	-60.3	4.12	8.82	Vertical	Pass



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LTE Band 26b(824-849MHz)-Middle channel, Modulation: QPSK, Bandwidth:15MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1651.146	-55.88	-13	-42.88	-58.07	3.31	5.5	Horizontal	Pass
2474.923	-39.09	-13	-26.09	-41.42	3.43	5.76	Horizontal	Pass
3570.714	-57.32	-13	-44.32	-61.37	4.21	8.26	Horizontal	Pass
1764.123	-46.59	-13	-33.59	-48.48	3.32	5.21	Vertical	Pass
2474.923	-48.59	-13	-35.59	-50.92	3.43	5.76	Vertical	Pass
3342.042	-56.82	-13	-43.82	-60.62	3.98	7.78	Vertical	Pass

LTE Band 26b(824-849MHz)-High channel, Modulation: QPSK, Bandwidth:15MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1672.296	-58.08	-13	-45.08	-60.22	3.31	5.45	Horizontal	Pass
2506.624	-41.29	-13	-28.29	-43.68	3.44	5.83	Horizontal	Pass
3342.042	-56.79	-13	-43.79	-60.59	3.98	7.78	Horizontal	Pass
1764.123	-54.94	-13	-41.94	-56.83	3.32	5.21	Vertical	Pass
2506.624	-46.48	-13	-33.48	-48.87	3.44	5.83	Vertical	Pass
3634.91	-57.1	-13	-44.1	-61.26	4.19	8.35	Vertical	Pass

LTE Band 26c(814-849MHz)-Low channel, Modulation: QPSK, Bandwidth:15MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1630.264	-52.76	-13	-39.76	-55.0	3.31	5.55	Horizontal	Pass
2443.622	-42.79	-13	-29.79	-45.04	3.43	5.68	Horizontal	Pass
3258.042	-57.34	-13	-44.34	-61.06	3.85	7.57	Horizontal	Pass
1630.264	-56.37	-13	-43.37	-58.61	3.31	5.55	Vertical	Pass
2443.622	-46.84	-13	-33.84	-49.09	3.43	5.68	Vertical	Pass
3233.257	-57.87	-13	-44.87	-61.56	3.81	7.5	Vertical	Pass



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LTE Band 26c(814-849MHz)-Middle channel, Modulation: QPSK, Bandwidth:15MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1651.146	-57.41	-13	-44.41	-59.6	3.31	5.5	Horizontal	Pass
2474.923	-43.48	-13	-30.48	-45.81	3.43	5.76	Horizontal	Pass
3350.56	-57.86	-13	-44.86	-61.67	3.99	7.8	Horizontal	Pass
1589.289	-60.88	-13	-47.88	-63.22	3.31	5.65	Vertical	Pass
2474.923	-43.91	-13	-30.91	-46.24	3.43	5.76	Vertical	Pass
3249.76	-58.12	-13	-45.12	-61.82	3.84	7.54	Vertical	Pass

LTE Band 26c(814-849MHz)-High channel, Modulation: QPSK, Bandwidth:15MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1672.296	-58.17	-13	-45.17	-60.31	3.31	5.45	Horizontal	Pass
2506.624	-39.51	-13	-26.51	-41.9	3.44	5.83	Horizontal	Pass
3342.042	-57.57	-13	-44.57	-61.37	3.98	7.78	Horizontal	Pass
1809.605	-58.93	-13	-45.93	-60.71	3.32	5.1	Vertical	Pass
2506.624	-44.55	-13	-31.55	-46.94	3.44	5.83	Vertical	Pass
3436.944	-57.87	-13	-44.87	-61.76	4.12	8.01	Vertical	Pass

LTE Band 66-Low channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3440.0	-46.46	-13	-33.46	-50.35	4.13	8.02	Horizontal	Pass
5160.0	-54.07	-13	-41.07	-59.07	5.24	10.24	Horizontal	Pass
6880.0	-52.63	-13	-39.63	-58.06	5.55	10.98	Horizontal	Pass
3440.0	-48.01	-13	-35.01	-51.9	4.13	8.02	Vertical	Pass
5160.0	-54.96	-13	-41.96	-59.96	5.24	10.24	Vertical	Pass
6880.0	-52.61	-13	-39.61	-58.04	5.55	10.98	Vertical	Pass



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LTE Band 66-Middle channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3475.541	-46.75	-13	-33.75	-50.68	4.18	8.11	Horizontal	Pass
5284.902	-51.97	-13	-38.97	-56.99	5.3	10.32	Horizontal	Pass
7807.262	-49.41	-13	-36.41	-55.88	5.63	12.1	Horizontal	Pass
3475.541	-48.27	-13	-35.27	-52.2	4.18	8.11	Vertical	Pass
4469.214	-55.45	-13	-42.45	-59.72	5.1	9.37	Vertical	Pass
6267.553	-52.14	-13	-39.14	-57.26	5.35	10.47	Vertical	Pass

LTE Band 66-High channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3526.134	-46.28	-13	-33.28	-50.28	4.21	8.21	Horizontal	Pass
5284.902	-52.92	-13	-39.92	-57.94	5.3	10.32	Horizontal	Pass
7056.092	-50.66	-13	-37.66	-56.28	5.58	11.2	Horizontal	Pass
3526.134	-50.46	-13	-37.46	-54.46	4.21	8.21	Vertical	Pass
5002.497	-53.77	-13	-40.77	-58.74	5.17	10.14	Vertical	Pass
6602.265	-52.49	-13	-39.49	-57.61	5.5	10.62	Vertical	Pass

LTE Band 85-Low channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1398.336	-47.81	-13	-34.81	-49.86	3.19	5.24	Horizontal	Pass
2095.8	-51.89	-13	-38.89	-53.39	3.35	4.85	Horizontal	Pass
3016.575	-57.8	-13	-44.8	-61.27	3.49	6.96	Horizontal	Pass
1398.336	-50.34	-13	-37.34	-52.39	3.19	5.24	Vertical	Pass
2095.8	-55.03	-13	-42.03	-56.53	3.35	4.85	Vertical	Pass
2782.06	-59.14	-13	-46.14	-62.13	3.45	6.44	Vertical	Pass



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LTE Band 85-Middle channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1406.443	-46.13	-13	-33.13	-48.22	3.2	5.29	Horizontal	Pass
2107.95	-52.21	-13	-39.21	-53.74	3.35	4.88	Horizontal	Pass
2421.661	-58.78	-13	-45.78	-60.99	3.42	5.63	Horizontal	Pass
1406.443	-48.77	-13	-35.77	-50.86	3.2	5.29	Vertical	Pass
2107.95	-53.72	-13	-40.72	-55.25	3.35	4.88	Vertical	Pass
2990.531	-58.02	-13	-45.02	-61.46	3.46	6.9	Vertical	Pass

LTE Band 85-High channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1414.597	-45.45	-13	-32.45	-47.58	3.21	5.34	Horizontal	Pass
2120.171	-51.41	-13	-38.41	-52.96	3.36	4.91	Horizontal	Pass
2964.712	-57.71	-13	-44.71	-61.09	3.46	6.84	Horizontal	Pass
1414.597	-48.84	-13	-35.84	-50.97	3.21	5.34	Vertical	Pass
2120.171	-55.46	-13	-42.46	-57.01	3.36	4.91	Vertical	Pass
3016.575	-57.24	-13	-44.24	-60.71	3.49	6.96	Vertical	Pass

- End of the Report -



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