TESTING LABORATORY
CERTIFICATE #4820.01

FCC PART 20.21

TEST REPORT

For

Shenzhen SolidRF Communications CO.,Ltd

No.8,shop D,Block C,Shan Shui Ju,Longwei RD Shenzhen

FCC ID: A7V-SR75702001

Report Type:	**Product Type:**
Change II Permissive Class	Signal booster

Report Number:	RDG200710031-00
Report Date:	2020-08-04
Reviewed By:	Ivan Cao Assistant Manager
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GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

EUT Name:		Signal booster
Equipment Type:		Fixed Wideband Consumer Signal Booster
EUT Model:		TRUE5-C
Mutiple Models:		TRUE5-D
Rated Input Voltage:		5.9V DC from adapter
Adapter In formation	**Model:**	MX24W1-0593000U
	Input:	AC 100-240V 0.7A
	Output:	DC 5.9V 3A
Serial Number:		RDG200710030-RF-S1(Model: TRUE5-C) RDG200710030-RF-S2(Model: TRUE5-D)
EUT Received Date:		2019-04-08

Note: The series product, models TRUE5-C,TRUE5-D are electrically identical, The difference between them please refer to the declaration letter for details. We selected TRUE5-C and TRUE5-D for radiation emission test.

Operation Frequency:

Bands	Uplink Frequency (MHz)	Downlink Frequency (MHz)
Lower 700	698-716	728-746
Upper 700	776-787	746-757
Celluler	824-849	869-894
AWS	1710-1755	2110-2155
PCS	1850-1915	1930-1995

Objective

This test report is prepared on behalf of *Shenzhen SolidRF Communications CO.,Ltd* in accordance with Part 2, part 20.21, part 22, part 24 and Part 27 of the Federal Communication Commissions rules.

This is the Class II Permissive Change report application for FCC ID: A7V-SR75702001, the original report is RDG190402010-00, issued on 2019-04-26. The differences between them as following:

1) Add the model name TRUE5-C,TRUE5-D
2) Change the appearance.

The changes between the previous device and the current one are stated and guaranteed by the applicant, base on the differences, they will affect the Radiated Spurious Emissions Below 1GHz test, we will update the related test result, the test photos and updated the related EUT photos.

Test Methodology

All tests and measurements indicated in this document were performed in accordance with the Code of federal Regulations Title 47 Part 2, Sub-part J as well as the following individual parts:

Applicable Standards: TIA 603-D, KDB 935210 D03 Signal Booster Measurements v04r04.

All emissions measurement was performed at Bay Area Compliance Laboratories Corp. (Dongguan). The radiated testing was performed at an antenna-to-EUT distance of 3 meters.

Measurement Uncertainty

Item		Uncertainty
RF conducted test with spectrum		±0.9dB
Radiated emission	30MHz~1GHz	±5.91dB
	Above 1G	±4.92dB
Occupied Bandwidth		±0.5kHz
Temperature		±1.0℃
Humidity		±6%

Note: Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty. The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval.

Test Facility

The Test site used by Bay Area Compliance Laboratories Corp. (Dongguan) to collect test data is located on the No.69 Pulongcun, Puxinhu Industry Area, Tangxia, Dongguan, Guangdong, China.

The lab has been recognized as the FCC accredited lab under the KDB 974614 D01 and is listed in the FCC Public Access Link (PAL) database, FCC Registration No. : 897218, the FCC Designation No. : CN1220.

The lab has been recognized by Innovation, Science and Economic Development Canada to test to Canadian radio equipment requirements, the CAB identifier : CN0022.

Declarations

BACL is not responsible for the authenticity of any test data provided by the applicant. Data included from the applicant that may affect test results are marked with a triangle symbol "△ ". Customer model name, addresses, names, trademarks etc. are not considered data.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

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SUMMARY OF TEST RESULTS

FCC Rules	Description of Test	Results
§20.21(e)(3)	7.1 Authorized Frequency Band Verification	Compliance*
§ 20.21(e)(8)(i)(D) § 20.21(e)(8)(i)(B) & §20.21(e)(4)	7.2 Maximum Power Measurement	Compliance*
§ 20.21(e)(8)(i)(C)(2) § 20.21(e)(8)(i)(B) & §20.21(e)(4)	7.9 Maximum Booster Gian Computation	Compliance*
§ 20.21(e)(8)(i)(B) § 20.21(e)(3)	7.13 Spectrum block filtering test procedure	Not applicable
§ 20.21(e)(8)(i)(F)	7.4 Intermodulation Product	Compliance*
§ 20.21(e)(8)(i)(E)	7.5 Out Of Band Emissions	Compliance*
§ 20.21(e)(8)(i)(A) § 20.21(e)(8)(i)(H) &§20.21(e)(4)	7.7 Noise Limits	Compliance*
§ 20.21(e)(8)(i)(I) &§20.21(e)(4)	7.8 Uplink Inactivity	Compliance*
§ 20.21(e)(8)(i)(C)(1) & § 20.21(e)(8)(i)(H)	7.9 Variable Booster Gain	Compliance*
§ 2.1049	7.10 Occupied Bandwidth	Compliance*
§ 20.21(e)(8)(ii)(A) &§20.21(e)(4)	7.11 Oscillation Detection	Compliance*
§2.1051	7.6 Spurious Emissions At Antenna Terminals	Compliance*
§ 2.1053	7.12 Radiated Spurious Emissions	Compliance

Note:
Not applicable: This item only for wideband consumer boosters utilizing spectrum block filtering.
Compliance*: test results please refer to original report NO. RDG190402010-00.
For radiation test, the changes made to the device only effact the result of below 1GHz, the data for above 1GHz please refer to the original report.

SYSTEM TEST CONFIGURATION

Description of Test Configuration

The system was configured for testing in a test mode which has been done in the factory.

EUT Exercise Software

No exercise software was used.

Special Accessories

No special accessory was used.

Equipment Modifications

No modification was made to the EUT tested.

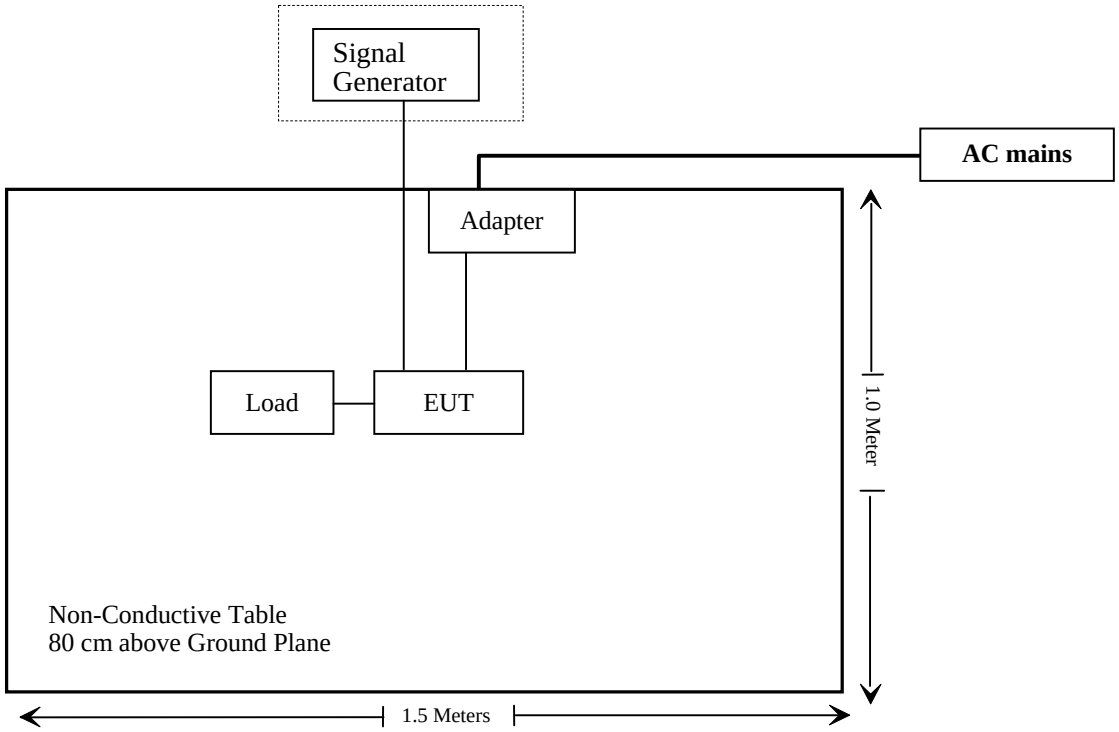
Support Equipment List and Details

Manufacturer	Description	Model	Serial Number
E-Microwave	Coaxial Attenuators	EMCA40-200SN-6	OE01201046
Un-known	Load	Un-known	Un-known
Agilent	MXG Vector Signal Generator	N5182B	MY51350188

External I/O Cable

Cable Description	Length (m)	From Port	To
Coaxial Cable	2.0	MXG Vector Signal Generator	EUT

Block Diagram of Test Setup



TEST EQUIPMENT LIST

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Radiated Emission Test					
Sunol Sciences	Antenna	JB3	A060611-1	2017-11-10	2020-11-10
R&S	EMI Test Receiver	ESR3	102453	2019-09-12	2020-09-12
Unknown	Coaxial Cable	C-NJNJ-50	C-0075-01	2019-09-05	2020-09-05
Unknown	Coaxial Cable	C-NJNJ-50	C-0400-01	2019-09-05	2020-09-05
Unknown	Coaxial Cable	C-NJNJ-50	C-1400-01	2020-05-06	2021-05-06
HP	Amplifier	8447D	2727A05902	2019-09-05	2020-09-05
EMCO	Adjustable Dipole Antenna	3121C	9109-753	N/A	N/A
Unknown	Coaxial Cable	C-NJNJ-50	C-0200-02	2019-09-05	2020-09-05
Agilent	Signal Generator	E8247C	MY43321350	2019-12-10	2020-12-10

*** Statement of Traceability:** Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

§ 2.1053 - RADIATED SPURIOUS EMISSIONS

Applicable Standards

§ 2.1053 *Measurements required: Field strength of spurious radiation.*

Test Procedure

This procedure is intended to satisfy the requirements specified in § 2.1053. The applicable limits are those specified for mobile emissions in the rule part appropriate to the band of operation (see Annex A).

a) Place the EUT on an OATS or semi-anechoic chamber turntable 3 m from the receiving antenna. [12]
b) Connect the EUT to the test equipment as shown in **Figure 10** beginning with the uplink output.
c) Set the signal generator to produce a CW signal with the frequency set to the center of the operational band under test and the power level set at P_{IN} as determined from 7.2.
d) Measure the radiated spurious emissions from the EUT from lowest to the highest frequencies as specified in § 2.1057. Maximize the radiated emissions by utilizing the procedures described in Clause 8 of ANSI C63.4-2014.
e) Capture the peak emissions plots using a peak detector with Max-Hold for inclusion in the test report. Tabular data is acceptable in lieu of spectrum analyzer plots.
f) Repeat 7.12c) through 7.12e) for all operational bands.

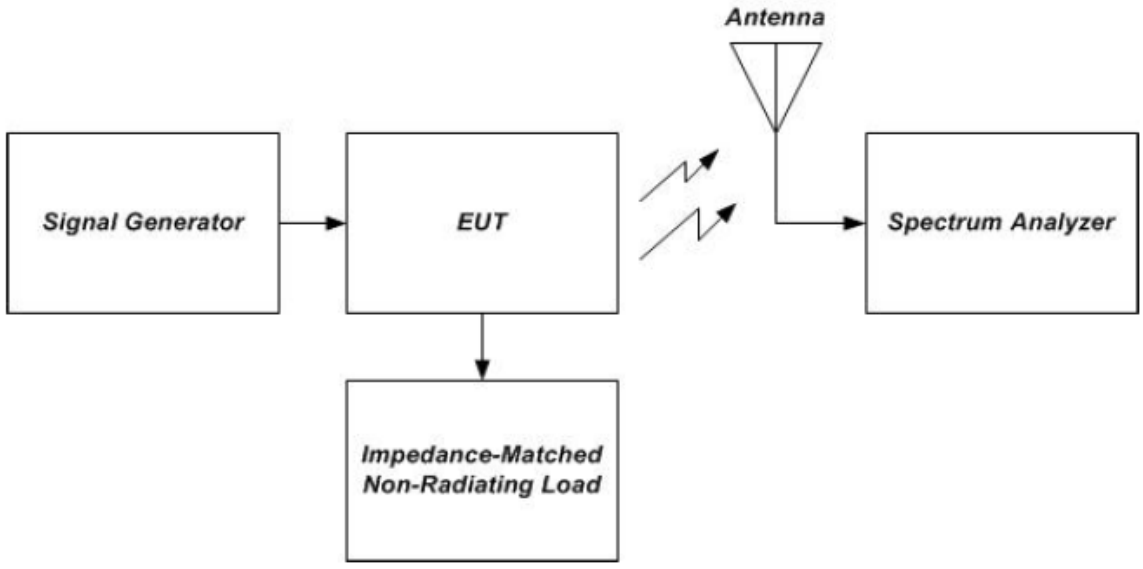


Figure 10 – Radiated spurious emissions test instrumentation setup

Test Data

Environmental Conditions

Temperature:	25.1 ℃
Relative Humidity:	53 %
ATM Pressure:	100.1 kPa
Tester:	Joker Chen
Test Date:	2020-07-26

Test Result: Compliance. Please refer to following table.

Test Mode: Transmitting

For Model TRUE5-C:
Uplink:

Frequency (MHz)	Polar (H / V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss(dB)			
Lower 700MHz Band, Test Frequency 698.2MHz								
192.10	H	49.89	-59.20	0.00	0.47	-59.67	-19.00	40.67
30.00	V	40.48	-26.90	-26.30	0.27	-53.47	-19.00	34.47
Lower 700MHz Band, Test Frequency 707 MHz								
127.60	H	45.82	-58.55	0.00	0.32	-58.87	-19.00	39.87
30.00	V	44.95	-22.43	-26.30	0.27	-49.00	-19.00	30.00
Lower 700MHz Band, Test Frequency 715.8 MHz								
192.10	H	49.86	-59.23	0.00	0.47	-59.70	-19.00	40.70
30.00	V	40.52	-26.86	-26.30	0.27	-53.43	-19.00	34.43
Upper 700MHz Band, Test Frequency 776.2 MHz								
127.60	H	45.93	-58.44	0.00	0.32	-58.76	-19.00	39.76
30.00	V	44.89	-22.49	-26.30	0.27	-49.06	-19.00	30.06
Upper 700MHz Band, Test Frequency 781.5 MHz								
139.99	H	45.09	-60.79	0.00	0.35	-61.14	-19.00	42.14
35.33	V	48.80	-32.24	-24.16	0.24	-56.64	-19.00	37.64
Upper 700MHz Band, Test Frequency 786.8 MHz								
192.10	H	49.54	-59.55	0.00	0.47	-60.02	-19.00	41.02
30.00	V	40.00	-27.38	-26.30	0.27	-53.95	-19.00	34.95
Cellular Band, Test Frequency 824.2 MHz								
189.30	H	46.93	-62.31	0.00	0.47	-62.78	-19.00	43.78
30.00	V	40.01	-27.37	-26.30	0.27	-53.94	-19.00	34.94
Cellular Band, Test Frequency 836.5 MHz								
127.60	H	45.78	-58.59	0.00	0.32	-58.91	-19.00	39.91
30.00	V	44.94	-22.44	-26.30	0.27	-49.01	-19.00	30.01
Cellular Band, Test Frequency 848.8 MHz								
190.70	H	47.18	-61.99	0.00	0.47	-62.46	-19.00	43.46
30.00	V	39.44	-27.94	-26.30	0.27	-54.51	-19.00	35.51

Frequency (MHz)	Polar (H / V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss(dB)			
AWS Band, Test Frequency 1710.2 MHz								
190.70	H	46.96	-62.21	0.00	0.47	-62.68	-19.00	43.68
30.00	V	39.98	-27.40	-26.30	0.27	-53.97	-19.00	34.97
AWS Band, Test Frequency 1732.5 MHz								
110.70	H	44.69	-60.11	0.00	0.28	-60.39	-19.00	41.39
30.00	V	44.62	-22.76	-26.30	0.27	-49.33	-19.00	30.33
AWS Band, Test Frequency 1754.8 MHz								
190.70	H	46.94	-62.23	0.00	0.47	-62.70	-19.00	43.70
30.00	V	39.91	-27.47	-26.30	0.27	-54.04	-19.00	35.04
PCS Band, Test Frequency 1850.2MHz								
192.10	H	47.02	-62.07	0.00	0.47	-62.54	-19.00	43.54
30.00	V	39.11	-28.27	-26.30	0.27	-54.84	-19.00	35.84
PCS Band, Test Frequency 1880MHz								
110.70	H	44.52	-60.28	0.00	0.28	-60.56	-19.00	41.56
30.00	V	45.78	-21.60	-26.30	0.27	-48.17	-19.00	29.17
PCS Band, Test Frequency 1914.8MHz								
192.10	H	46.41	-62.68	0.00	0.47	-63.15	-19.00	44.15
30.00	V	40.02	-27.36	-26.30	0.27	-53.93	-19.00	34.93

Downlink:

Frequency (MHz)	Polar (H / V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss(dB)			
Lower 700MHz Band, Test Frequency 728.2MHz								
109.30	H	51.37	-53.63	0.00	0.28	-53.91	-19.00	34.91
32.10	V	40.26	-32.68	-25.33	0.26	-58.27	-19.00	39.27
Lower 700MHz Band, Test Frequency 737MHz								
214.60	H	49.96	-58.86	0.00	0.49	-59.35	-19.00	40.35
30.00	V	44.82	-22.56	-26.30	0.27	-49.13	-19.00	30.13
Lower 700MHz Band, Test Frequency 745.8MHz								
114.90	H	49.89	-54.29	0.00	0.29	-54.58	-19.00	35.58
32.10	V	41.27	-31.67	-25.33	0.26	-57.26	-19.00	38.26
Upper 700MHz Band, Test Frequency 746.2MHz								
116.30	H	50.52	-53.46	0.00	0.30	-53.76	-19.00	34.76
32.10	V	39.97	-32.97	-25.33	0.26	-58.56	-19.00	39.56

Frequency (MHz)	Polar (H / V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
Upper 700MHz Band, Test Frequency 751.5MHz								
214.60	H	49.87	-58.95	0.00	0.49	-59.44	-19.00	40.44
30.00	V	44.79	-22.59	-26.30	0.27	-49.16	-19.00	30.16
Upper 700MHz Band, Test Frequency 756.8MHz								
116.30	H	50.11	-53.87	0.00	0.30	-54.17	-19.00	35.17
32.10	V	40.32	-32.62	-25.33	0.26	-58.21	-19.00	39.21
Cellular Band, Test Frequency 869.2MHz								
116.30	H	50.44	-53.54	0.00	0.30	-53.84	-19.00	34.84
32.10	V	40.35	-32.59	-25.33	0.26	-58.18	-19.00	39.18
Cellular Band, Test Frequency 881.5MHz								
213.20	H	49.80	-59.00	0.00	0.49	-59.49	-19.00	40.49
30.00	V	44.90	-22.48	-26.30	0.27	-49.05	-19.00	30.05
Cellular Band, Test Frequency 893.5MHz								
116.30	H	50.32	-53.66	0.00	0.30	-53.96	-19.00	34.96
32.10	V	40.11	-32.83	-25.33	0.26	-58.42	-19.00	39.42
AWS Band, Test Frequency 2110.2MHz								
113.50	H	51.07	-53.32	0.00	0.29	-53.61	-19.00	34.61
32.10	V	39.61	-33.33	-25.33	0.26	-58.92	-19.00	39.92
AWS Band, Test Frequency 2132.5MHz								
116.30	H	44.49	-59.49	0.00	0.30	-59.79	-19.00	40.79
30.00	V	45.51	-21.87	-26.30	0.27	-48.44	-19.00	29.44
AWS Band, Test Frequency 2155MHz								
113.50	H	50.63	-53.76	0.00	0.29	-54.05	-19.00	35.05
32.10	V	40.87	-32.07	-25.33	0.26	-57.66	-19.00	38.66
PCS Band, Test Frequency 1930.2MHz								
116.30	H	51.50	-52.48	0.00	0.30	-52.78	-19.00	33.78
32.10	V	39.66	-33.28	-25.33	0.26	-58.87	-19.00	39.87
PCS Band, Test Frequency 1960MHz								
117.70	H	44.23	-59.55	0.00	0.30	-59.85	-19.00	40.85
30.00	V	45.57	-21.81	-26.30	0.27	-48.38	-19.00	29.38
PCS Band, Test Frequency 1994.8MHz								
116.30	H	51.44	-52.54	0.00	0.30	-52.84	-19.00	33.84
32.10	V	40.03	-32.91	-25.33	0.26	-58.50	-19.00	39.50

For Model TRUE5-D:

Uplink:

Frequency (MHz)	Polar (H / V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss(dB)			
Lower 700MHz Band, Test Frequency 698.2MHz								
214.90	H	48.40	-60.42	0.00	0.49	-60.91	-19.00	41.91
30.00	V	44.32	-23.06	-26.30	0.27	-49.63	-19.00	30.63
Lower 700MHz Band, Test Frequency 707 MHz								
137.40	H	45.60	-59.96	0.00	0.35	-60.31	-19.00	41.31
34.90	V	48.82	-31.53	-24.05	0.24	-55.82	-19.00	36.82
Lower 700MHz Band, Test Frequency 715.8 MHz								
214.90	H	48.39	-60.43	0.00	0.49	-60.92	-19.00	41.92
30.00	V	44.31	-23.07	-26.30	0.27	-49.64	-19.00	30.64
Upper 700MHz Band, Test Frequency 776.2 MHz								
214.90	H	48.36	-60.46	0.00	0.49	-60.95	-19.00	41.95
30.00	V	44.27	-23.11	-26.30	0.27	-49.68	-19.00	30.68
Upper 700MHz Band, Test Frequency 781.5 MHz								
139.99	H	45.09	-60.79	0.00	0.35	-61.14	-19.00	42.14
35.33	V	48.80	-32.24	-24.16	0.24	-56.64	-19.00	37.64
Upper 700MHz Band, Test Frequency 786.8 MHz								
214.90	H	48.33	-60.49	0.00	0.49	-60.98	-19.00	41.98
30.00	V	44.23	-23.15	-26.30	0.27	-49.72	-19.00	30.72
Cellular Band, Test Frequency 824.2 MHz								
214.90	H	48.37	-60.45	0.00	0.49	-60.94	-19.00	41.94
30.00	V	44.20	-23.18	-26.30	0.27	-49.75	-19.00	30.75
Cellular Band, Test Frequency 836.5 MHz								
137.08	H	46.06	-59.46	0.00	0.35	-59.81	-19.00	40.81
35.33	V	48.61	-32.43	-24.16	0.24	-56.83	-19.00	37.83
Cellular Band, Test Frequency 848.8 MHz								
214.60	H	50.00	-58.82	0.00	0.49	-59.31	-19.00	40.31
30.00	V	44.92	-22.46	-26.30	0.27	-49.03	-19.00	30.03

Frequency (MHz)	Polar (H / V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss(dB)			
AWS Band, Test Frequency 1710.2 MHz								
207.82	H	49.36	-59.37	0.00	0.49	-59.86	-19.00	40.86
30.00	V	44.65	-22.73	-26.30	0.27	-49.30	-19.00	30.30
AWS Band, Test Frequency 1732.5 MHz								
139.05	H	44.91	-60.85	0.00	0.35	-61.20	-19.00	42.20
35.33	V	51.55	-29.49	-24.16	0.24	-53.89	-19.00	34.89
AWS Band, Test Frequency 1754.8 MHz								
207.82	H	49.31	-59.42	0.00	0.49	-59.91	-19.00	40.91
30.00	V	44.59	-22.79	-26.30	0.27	-49.36	-19.00	30.36
PCS Band, Test Frequency 1850.2MHz								
207.82	H	49.26	-59.47	0.00	0.49	-59.96	-19.00	40.96
30.00	V	44.55	-22.83	-26.30	0.27	-49.40	-19.00	30.40
PCS Band, Test Frequency 1880MHz								
136.11	H	45.47	-59.94	0.00	0.34	-60.28	-19.00	41.28
35.33	V	51.56	-29.48	-24.16	0.24	-53.88	-19.00	34.88
PCS Band, Test Frequency 1914.8MHz								
207.82	H	49.24	-59.49	0.00	0.49	-59.98	-19.00	40.98
30.00	V	44.57	-22.81	-26.30	0.27	-49.38	-19.00	30.38

Downlink:

Frequency (MHz)	Polar (H / V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss(dB)			
Lower 700MHz Band, Test Frequency 728.2MHz								
191.34	H	51.96	-57.17	0.00	0.47	-57.64	-19.00	38.64
30.00	V	43.29	-24.09	-26.30	0.27	-50.66	-19.00	31.66
Lower 700MHz Band, Test Frequency 737MHz								
136.11	H	44.96	-60.45	0.00	0.34	-60.79	-19.00	41.79
35.33	V	51.31	-29.73	-24.16	0.24	-54.13	-19.00	35.13
Lower 700MHz Band, Test Frequency 745.8MHz								
191.34	H	52.01	-57.12	0.00	0.47	-57.59	-19.00	38.59
30.00	V	43.31	-24.07	-26.30	0.27	-50.64	-19.00	31.64
Upper 700MHz Band, Test Frequency 746.2MHz								
190.37	H	51.54	-57.64	0.00	0.47	-58.11	-19.00	39.11
30.00	V	43.29	-24.09	-26.30	0.27	-50.66	-19.00	31.66

Frequency (MHz)	Polar (H / V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
Upper 700MHz Band, Test Frequency 751.5MHz								
139.99	H	47.87	-58.01	0.00	0.35	-58.36	-19.00	39.36
35.33	V	47.44	-33.60	-24.16	0.24	-58.00	-19.00	39.00
Upper 700MHz Band, Test Frequency 756.8MHz								
190.37	H	51.55	-57.63	0.00	0.47	-58.10	-19.00	39.10
30.00	V	43.25	-24.13	-26.30	0.27	-50.70	-19.00	31.70
Upper 700MHz Band, Test Frequency 869.2MHz								
190.37	H	51.59	-57.59	0.00	0.47	-58.06	-19.00	39.06
30.00	V	43.31	-24.07	-26.30	0.27	-50.64	-19.00	31.64
Cellular Band, Test Frequency 881.5MHz								
143.86	H	48.85	-57.27	0.00	0.36	-57.63	-19.00	38.63
35.33	V	48.27	-32.77	-24.16	0.24	-57.17	-19.00	38.17
Cellular Band, Test Frequency 893.5MHz								
190.37	H	51.51	-57.67	0.00	0.47	-58.14	-19.00	39.14
30.00	V	43.22	-24.16	-26.30	0.27	-50.73	-19.00	31.73
AWS Band, Test Frequency 2110.2MHz								
191.34	H	52.03	-57.10	0.00	0.47	-57.57	-19.00	38.57
30.00	V	43.12	-24.26	-26.30	0.27	-50.83	-19.00	31.83
AWS Band, Test Frequency 2132.5MHz								
139.99	H	48.27	-57.61	0.00	0.35	-57.96	-19.00	38.96
35.33	V	47.65	-33.39	-24.16	0.24	-57.79	-19.00	38.79
AWS Band, Test Frequency 2154.8MHz								
193.28	H	52.66	-56.36	0.00	0.47	-56.83	-19.00	37.83
30.00	V	43.45	-23.93	-26.30	0.27	-50.50	-19.00	31.50
PCS Band, Test Frequency 1930.2MHz								
191.34	H	51.98	-57.15	0.00	0.47	-57.62	-19.00	38.62
30.00	V	43.00	-24.38	-26.30	0.27	-50.95	-19.00	31.95
PCS Band, Test Frequency 1960MHz								
140.95	H	48.21	-57.73	0.00	0.35	-58.08	-19.00	39.08
35.33	V	47.11	-33.93	-24.16	0.24	-58.33	-19.00	39.33
PCS Band, Test Frequency 1994.8MHz								
193.28	H	52.61	-56.41	0.00	0.47	-56.88	-19.00	37.88
30.00	V	43.33	-24.05	-26.30	0.27	-50.62	-19.00	31.62

Note:
1) Absolute Level = Substituted Level - Cable loss + Antenna Gain
2) Margin = Limit- Absolute Level
3) The unit of antenna gain is dBd for frequency below 1GHz and is dBi for frequency above 1GHz.

******* END OF REPORT *******