

TEST REPORT

SeaLink Underwater Smartphone

Product	:	Data Transmitter
Trade mark	:	DIVEVOLK
Model/Type reference	:	AW-20
Serial Number	:	N/A
Report Number	:	EED32R80609502
FCC ID	:	2BOFDAW-20
Date of Issue	:	Aug. 27, 2025
Test Standards	:	47 CFR Part 2 47 CFR Part 22 subpart H 47 CFR Part 24 subpart E 47 CFR Part 27 47 CFR Part 90
Test result	:	PASS

Prepared for:

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Aug. 27, 2025

Check No.3837240425

1 Test Summary

Test Item	Test Requirement	Test method	Result
FCC Part 22 (LTE Band 5)			
Conducted output power	Part 2.1046(a)/Part 22.913(a)	TIA-603-E-2016 &KDB 971168 D01v02r02	PASS
Effective Radiated Power of Transmitter(ERP)	Part 2.1046(a)/Part 22.913(a)	TIA-603-E-2016 &KDB 971168 D01v02r02	PASS
99% & 26dB Occupied Bandwidth	Part 2.1049(h)	Part 22.917(b) &KDB 971168 D01v02r02	PASS
Band Edge at antenna terminals	Part 2.1051/Part 22.917(a)	Part 22.917(b) &KDB 971168 D01v02r02	PASS
Spurious emissions at antenna terminals	Part 2.1051/ Part 2.1057/ Part 22.917(a)(b)	TIA-603-E-2016 &KDB 971168 D01v02r02	PASS
Field strength of spurious radiation	Part 2.1053/ Part 2.1057/ Part 22.917(a)(b)	TIA-603-E-2016 &KDB 971168 D01v02r02	PASS
Frequency stability	Part 2.1055/ Part 22.355	TIA-603-E-2016 &KDB 971168 D01v02r02	PASS
FCC Part 24 (LTE Band 2,LTE Band 25)			
Conducted output power	Part 2.1046(a) /Part 24.232(c)	TIA-603-E-2016&KDB 971168 D01v02r02	PASS
Effective Radiated Power of Transmitter(EIRP)	Part 2.1046(a) / Part 24.232(c)	TIA-603-E-2016 &KDB 971168 D01v02r02	PASS
peak-to-average ratio	Part 24.232(d)	KDB 971168 D01v02r02	PASS
99% & 26dB Occupied Bandwidth	Part 2.1049(h)	Part 24.238(b) &KDB 971168 D01v02r02	PASS
Band Edge at antenna terminals	Part 2.1051/ Part 24.238(a)	Part 24.238(b) &KDB 971168 D01v02r02	PASS
Spurious emissions at antenna terminals	Part 2.1051/ Part 2.1057/ Part 24.238(a)(b)	TIA-603-E-2016 &KDB 971168 D01v02r02	PASS
Field strength of spurious radiation	Part 2.1053 /Part 2.1057 / Part 24.238(a)(b)	TIA-603-E-2016 &KDB 971168 D01v02r02	PASS
Frequency stability	Part 2.1055/Part 24.235	TIA-603-E-2016 &KDB 971168 D01v02r02	PASS
FCC Part 27 (LTE Band 4,LTE Band 12,LTE Band 13,LTE Band 17)			
Conducted output power	Part 2.1046(a) /Part 27.50(d)	TIA-603-E-2016&KDB 971168 D01v03r01	PASS
Effective Radiated Power of Transmitter(EIRP)	Part 2.1046(a) / Part 27.50(d)	TIA-603-E-2016&KDB 971168 D01v03r01	PASS
peak-to-average ratio	Part 27.50(d)	KDB 971168 D01v03r01	PASS

99% & 26dB Occupied Bandwidth	Part 2.1049(h)	Part 27.53(h) &KDB 971168 D01v03r01	PASS
Band Edge at antenna terminals	Part 2.1051/ Part 27.53(h)	Part 27.53(h) &KDB 971168 D01v03r01	PASS
Spurious emissions at antenna terminals	Part 2.1051/ Part 27.53(h)	TIA-603-E-2016&KDB 971168 D01v03r01	PASS
Field strength of spurious radiation	Part 2.1053/ Part 27.53(h)	TIA-603-E-2016&KDB 971168 D01v03r01	PASS
Frequency stability	Part 2.1055/Part 27.54	TIA-603-E-2016&KDB 971168 D01v03r01	PASS

Remark:

Tx: In this whole report Tx (or tx) means Transmitter.
 Rx: In this whole report Rx (or rx) means Receiver.
 RF: In this whole report RF means Radiated Frequency.
 CH: In this whole report CH means channel.
 Volt: In this whole report Volt means Voltage.
 Temp: In this whole report Temp means Temperature.
 Humid: In this whole report Humid means humidity.
 Press: In this whole report Press means Pressure.
 N/A: In this whole report not application

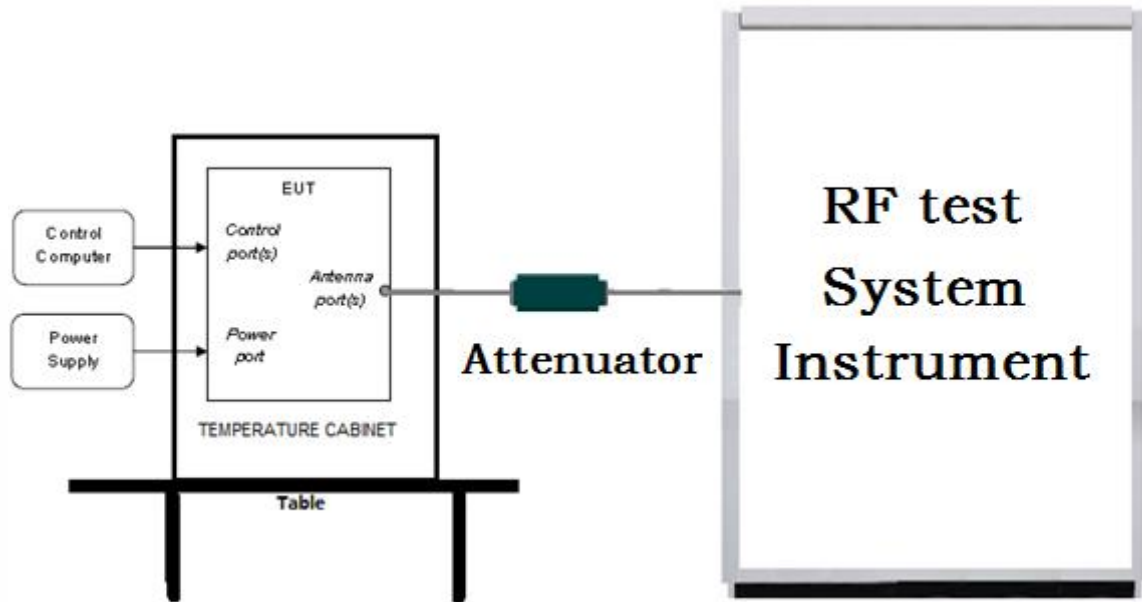
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3 Test Requirement

3.1 Test setup

3.1.1 For Conducted test setup



3.1.2 For Radiated Emissions test setup

Radiated Emissions setup:

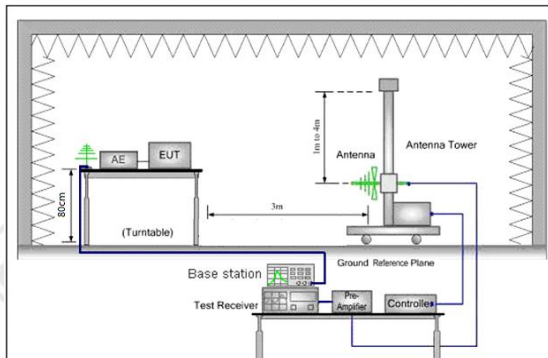


Figure 1. 30MHz to 1GHz

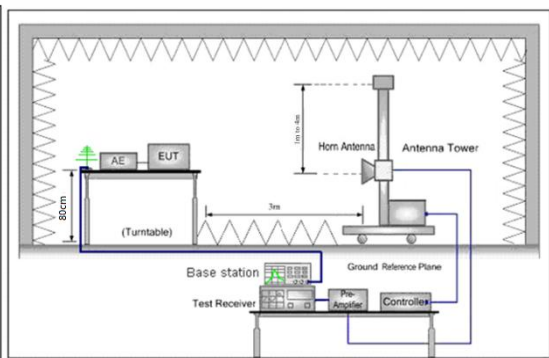


Figure 2. above 1GHz

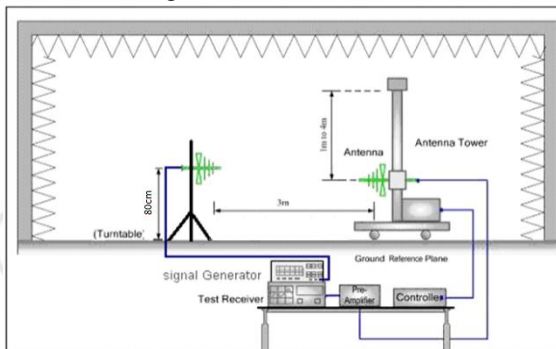


Figure 1. 30MHz to 1GHz

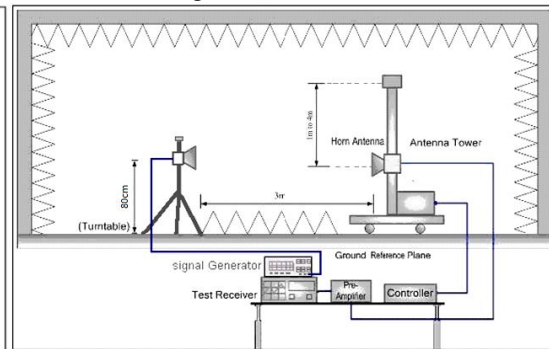


Figure 2. above 1GHz

3.2 Test Environment

Operating Environment:	
Temperature:	24.0 °C
Humidity:	54 % RH
Atmospheric Pressure:	1010mbar

4 General Information

4.1 Client Information

Applicant:	Divevolk (Zhuhai) Intelligence Tech Co., Ltd
Address of Applicant:	17th Floor, Room 229, No. 91, Qinlang Road, Hengqin New District, Zhuhai City
Manufacturer:	Divevolk (Zhuhai) Intelligence Tech Co., Ltd
Address of Manufacturer:	17th Floor, Room 229, No. 91, Qinlang Road, Hengqin New District, Zhuhai City
Factory:	Zhongshan Haichu Intelligence Technology Co., Ltd.
Address of Factory:	4th Floor, Area B, Building 3, Jinwan Industrial Park, Shengye Road, Xinxu Village, Sanxiang Town, Zhongshan City

4.2 General Description of EUT

Product Name:	SeaLink Underwater Smartphone Data Transmitter	
Model No.:	AW-20	
Trade Mark:	DIVEVOLK	
Product Type:	☐ Mobile ☐ Portable ☒ Fix Location	
Frequency Band:	FDD band 2:UL:1850-1910MHz,DL:1930-1990MHz; FDD band 4:UL:1710-1755MHz,DL:2110-2155MHz; FDD band 5:UL:824 - 849 MHz,DL: 869 - 894MHz; FDD band 12:UL:699-716MHz,DL:729-746MHz; FDD band 13:UL:777-787MHz,DL:746-756MHz; FDD band 17:UL:704 - 716MHz,DL:734 - 746MHz; FDD band 25:UL:1850-1914.9MHz,DL:1930-1994.9MHz	
Modulation Type:	QPSK,16QAM,64QAM	
Antenna Type:	Main Antenna: Rod Antenna; Aux Antenna:FPC Antenna	
Antenna Gain:	FDD band 2:UL:1850-1910MHz,DL:1930-1990MHz; 0.02dBi FDD band 4:UL:1710-1755MHz,DL:2110-2155MHz; 1.94dBi FDD band 5:UL:824 - 849 MHz,DL: 869 - 894MHz; 2.87dBi FDD band 12:UL:699-716MHz,DL:729-746MHz; 2.67dBi FDD band 13:UL:777-787MHz,DL:746-756MHz;3.34dBi FDD band 17:UL:704 - 716MHz,DL:734 - 746MHz; 2.67dBi FDD band 25:UL:1850-1914.9MHz,DL:1930-1994.9MHz; 0.02dBi	
Power Supply:	Battery(21700/50E)	7.3V(2*3.65V) or 14.6V(4*3.65V)
Nominal Voltage(NV):	DC 14.6V	
Extreme Hige Voltage(HV):	DC 14.6V	
Extreme Low Voltage(LV):	DC 7.3V	
Sample Received Date:	Jul. 09, 2025	
Sample tested Date:	Jul. 09, 2025 to Aug. 05, 2025	

4.3 Description of Support Units

The EUT has been tested with associated equipment below.

1) support equipment

Description	Manufacturer	Model No.	Certification	Supplied by
/	/	/	/	/

4.4 Test Location

All tests were performed at:

Centre Testing International Group Co., Ltd

Building C, Hongwei Industrial Park Block 70, Bao'an District, Shenzhen, China

Telephone: +86 (0) 755 33683668 Fax: +86 (0) 755 33683385

No tests were sub-contracted.

FCC Designation No.: CN1164

4.5 Deviation from Standards

None.

4.6 Abnormalities from Standard Conditions

None.

4.7 Other Information Requested by the Customer

None.

4.8 Measurement Uncertainty (95% confidence levels, k=2)

No.	Item	Measurement Uncertainty
1	Radio Frequency	7.9×10^{-8}
2	RF power, conducted	0.46dB (30MHz-1GHz)
		0.55dB (1GHz-18GHz)
3	Radiated Spurious emission test	4.3dB (30MHz-1GHz)
		4.5dB (1GHz-12.75GHz)
4	Conduction emission	3.5dB (9kHz to 150kHz)
		3.1dB (150kHz to 30MHz)
5	Temperature test	0.64°C
6	Humidity test	3.8%
7	DC power voltages	0.026%

5 Equipment List

2G/3G/4G Communication RF test system					
Equipment	Manufacturer	Model No.	Serial Number	Cal. Date (mm-dd-yyyy)	Cal. Due date (mm-dd-yyyy)
Spectrum Analyzer	Agilent	E4440A	MY46185649	10-22-2024	10-21-2025
Signal Generator	Keysight	E8257D	MY53401106	12-05-2024	12-04-2025
Signal Generator	Agilent	E4438C	MY45095744	11-30-2024	11-29-2025
Communication test set	R&S	CMW500	120765	12-05-2024	12-04-2025
DC Power	Keysight	E3642A	MY56376072	11-30-2024	11-29-2025
RF control unit	JS Tonscend	JS0806-1	158060004	12-05-2024	12-04-2025
DC power Box	JS Tonscend	JS0806-4	158060007	N/A	N/A
High-low temperature test chamber	Dong Guang Qin Zhuo	LK-80GA	QZ20150611879	11-30-2024	11-29-2025
Temperature/Humidity Indicator	biaozhi	HM10	1804186	05-29-2024	05-28-2025
Automatic test software	JS Tonscend	JS1120	V2.6.9.0518	N/A	N/A
Band rejection filter	Sinoscite	FL5CX01CA09CL12-0395-001	---	10-22-2024	10-21-2025
Band rejection filter	Sinoscite	FL5CX01CA08CL12-0393-001	---	10-22-2024	10-21-2025
Band rejection filter	Sinoscite	FL5CX02CA04CL12-0396-002	---	10-22-2024	10-21-2025
Band rejection filter	Sinoscite	FL5CX02CA03CL12-0394-001	---	10-22-2024	10-21-2025
Band rejection filter	Sinoscite	FL5CX02CA03CL12-0397-002	---	10-22-2024	10-21-2025
High-pass filter	Sinoscite	FL3CX03WG18NM12-0398-002	---	10-22-2024	10-21-2025

3M Semi-anechoic Chamber (2)- Radiated disturbance Test					
Equipment	Manufacturer	Model No.	Serial Number	Cal. date	Cal. Due date
				(mm-dd-yyyy)	(mm-dd-yyyy)
3M Chamber & Accessory Equipment	TDK	SAC-3	---	01/13/2024	01/12/2027
Receiver	R&S	ESCI7	100938-003	09/07/2024	09/06/2025
Spectrum Analyzer	R&S	FSV40	101200	07/18/2024 07/17/2025	07/17/2025 07/16/2026
TRILOG Broadband Antenna	schwarzbeck	VULB 9163	9163-618	05/22/2022 05/14/2025	05/21/2025 05/13/2026
Loop Antenna	Schwarzbeck	FMZB 1519B	1519B-076	04/07/2025	04/06/2026
Microwave Preamplifier	Tonscend	EMC051845SE	980380	12/05/2024	12/04/2025
Horn Antenna	A.H.SYSTEMS	SAS-574	374	07/02/2023	07/01/2026
Horn Antenna	ETS-LINGREN	BBHA 9120D	9120D-1869	04/07/2025	04/06/2026
Preamplifier	Agilent	11909A	12-1	03/03/2025	03/02/2026
Preamplifier	CD	PAP-1840-60	6041.6042	05/26/2025	05/25/2026
Test software	Fara	EZ-EMC	EMEC-3A1-Pre	N/A	N/A
Cable line	Fulai(7M)	SF106	5219/6A	01/13/2024	01/12/2027
Cable line	Fulai(6M)	SF106	5220/6A	01/13/2024	01/12/2027
Cable line	Fulai(3M)	SF106	5216/6A	01/13/2024	01/12/2027
Cable line	Fulai(3M)	SF106	5217/6A	01/13/2024	01/12/2027

3M full-anechoic Chamber					
Equipment	Manufacturer	Model No.	Serial Number	Cal. Date (mm-dd-yyyy)	Cal. Due date (mm-dd-yyyy)
Fully Anechoic Chamber	TDK	FAC-3	---	01-09-2024	01-08-2027
Receiver	Keysight	N9038A	MY57290136	01-04-2025	01-03-2026
Spectrum Analyzer	Keysight	N9020B	MY57111112	01-14-2025	01-13-2026
Spectrum Analyzer	Keysight	N9030B	MY57140871	01-14-2025	01-13-2026
TRILOG Broadband Antenna	Schwarzbeck	VULB 9163	9163-1148	04-12-2025	04-11-2026
Horn Antenna	Schwarzbeck	BBHA 9170	9170-832	04-12-2025	04-11-2026
Horn Antenna	ETS-LINDGREN	3117	57407	06-29-2025	06-28-2026
Preamplifier	EMCI	EMC001330	980563	03-03-2025	03-02-2026
Preamplifier	Tonscend	TAP-011858	AP21B806112	07-07-2025	07-06-2026
Preamplifier	Tonscend	EMC051845SE	980380	12-05-2024	12-04-2025
Communication test set	R&S	CMW500	102898	01-04-2025	01-03-2026
Temperature/ Humidity Indicator	biaozhi	GM1360	EE1186631	03-31-2025	03-30-2026
RSE Automatic test software	JS Tonscend	JS36-RSE	V4.0.0.0	N/A	N/A
Cable line	Times	SFT205-NMSM-2.50M	394812-0001	01-09-2024	01-08-2027
Cable line	Times	SFT205-NMSM-2.50M	394812-0002	01-09-2024	01-08-2027
Cable line	Times	SFT205-NMSM-2.50M	394812-0003	01-09-2024	01-08-2027
Cable line	Times	SFT205-NMSM-2.50M	393495-0001	01-09-2024	01-08-2027
Cable line	Times	EMC104-NMNM-1000	SN160710	01-09-2024	01-08-2027
Cable line	Times	SFT205-NMSM-3.00M	394813-0001	01-09-2024	01-08-2027
Cable line	Times	SFT205-NMNM-1.50M	381964-0001	01-09-2024	01-08-2027
Cable line	Times	SFT205-NMSM-7.00M	394815-0001	01-09-2024	01-08-2027
Cable line	Times	HF160-KMKM-3.00M	393493-0001	01-09-2024	01-08-2027

6 Radio Technical Requirements Specification

Reference documents for testing:

No.	Identity	Document Title
1	PART 22	PART 22 – PUBLIC MOBILE SERVICES Subpart H – Cellular Radiotelephone Service
2	PART 24	PART 24 – PERSONAL COMMUNICATIONS SERVICES Subpart E – Broadband PCS
3	PART 27	PART 27 – MISCELLANEOUS WIRELESS COMMUNICATIONS SERVICES Subpart C – Technical Standards
4	PART 90	PART 90—PRIVATE LAND MOBILE RADIO SERVICES
5	PART 2	Frequency allocations and radio treaty matters; general rules and regulations
6	TIA-603-E-2016	Land Mobile FM or PM -Communications Equipment -Measurement and Performance Standards
7	KDB971168 D01	KDB971168 D01 Power Meas License Digital Systems v02r02
8	ANSI C63.26-2015	American National Standard for Compliance Testing of Transmitters Used in Licensed Radio Services

Test Results List:

Test Method:		Test Descriptions & Test Conditions	Verdict	Note
ANSI C63.26-2015	Clause 5.2	RF output power		Note 1
		NT/NV	PASS	
ANSI C63.26-2015	Clause 5.4	99% & 26dB Occupied Bandwidth		Note 1
		NT/NV	PASS	
ANSI C63.26-2015	Clause 5.2	Peak to average power ratio		Note 1
		NT/NV	PASS	
ANSI C63.26-2015	Clause 5.5	Spurious emissions		Appendix A)
		NT/NV	PASS	
ANSI C63.26-2015	Clause 5.7	Spurious emissions at antenna terminals		Note 1
		NT/NV	PASS	
ANSI C63.26-2015	Clause 5.6	Frequency stability		Note 1
		NT/NV	PASS	
		LT/LV	PASS	
		LT/HV	PASS	
		HT/LV	PASS	
		HT/HV	PASS	

Note 1:
The test data please refer to
Appendix: LTE Band2 of EED32R80609502 ,Appendix: LTE Band4 of EED32R80609502 ,
Appendix: LTE Band5 of EED32R80609502 ,Appendix: LTE Band7 of EED32R80609502 ,
Appendix: LTE Band12 of EED32R80609502 ,Appendix: LTE Band13 of EED32R80609502 ,
Appendix: LTE Band17 of EED32R80609502 ,Appendix: LTE Band25 of EED32R80609502 ,

Appendix A) Field strength of spurious radiation

Receiver Setup:	Frequency	Detector	RBW	VBW	Remark
	0.009MHz-30MHz	Peak	10kHz	30kHz	Peak
	30MHz-1GHz	Peak	120kHz	300kHz	Peak
	Above 1GHz	Peak	1MHz	3MHz	Peak
Measurement Procedure:	- Scan up to 10th harmonic, find the maximum radiation frequency to measure. - The technique used to find the Spurious Emissions of the transmitter was the antenna substitution method. Substitution method was performed to determine the actual ERP/EIRP emission levels of the EUT. Test procedure as below: - The EUT was powered ON and placed on a 0.8m high table at a 3 meter fully Anechoic Chamber. The antenna of the transmitter was extended to its maximum length. modulation mode and the measuring receiver shall be tuned to the frequency of the transmitter under test. - The EUT was set 3 meters(above 18GHz the distance is 1 meter) away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. - The disturbance of the transmitter was maximized on the test receiver display by raising and lowering from 1m to 4m the receive antenna and by rotating through 360° the turntable. After the fundamental emission was maximized, a field strength measurement was made. - Steps 1) to 3) were performed with the EUT and the receive antenna in both vertical and horizontal polarization. - The transmitter was then removed and replaced with another antenna. The center of the antenna was approximately at the same location as the center of the transmitter. - A signal at the disturbance was fed to the substitution antenna by means of a non-radiating cable. With both the substitution and the receive antennas horizontally polarized, the receive antenna was raised and lowered to obtain a maximum reading at the test receiver. The level of the signal generator was adjusted until the measured field strength level in step 3) is obtained for this set of conditions. - The output power into the substitution antenna was then measured. - Steps 6) and 7) were repeated with both antennas polarized. - Calculate power in dBm by the following formula: $\text{ERP(dBm)} = \text{Pg(dBm)} - \text{cable loss (dB)} + \text{antenna gain (dBd)}$ $\text{EIRP(dBm)} = \text{Pg(dBm)} - \text{cable loss (dB)} + \text{antenna gain (dBi)}$ $\text{EIRP} = \text{ERP} + 2.15\text{dB}$ where: Pg is the generator output power into the substitution antenna. - Test the EUT in the lowest channel, the middle channel the Highest channel - The radiation measurements are performed in X, Y, Z axis positioning for EUT operation mode, And found the X axis positioning which it is worse case. - Repeat above procedures until all frequencies measured was complete.				
Limit:	Attenuated at least 43+10log(P)				

Measurement Data:

Remark: Only the worst case data was recorded in the report.

Mode	LTE	Remark	\
Band	Band=2 BW=20MHz	Channel	19100

Suspected List

Suspected List								
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	48.8218	150	98	-58.98	-13.00	45.98	PASS	Horizontal
2	208.9038	150	205	-66.23	-13.00	53.23	PASS	Horizontal
3	400.032	150	3	-44.12	-13.00	31.12	PASS	Horizontal
4	750.078	150	354	-67.24	-13.00	54.24	PASS	Horizontal
5	4522.5386	150	237	-51.81	-13.00	38.81	PASS	Horizontal
6	12558.4029	150	307	-44.57	-13.00	31.57	PASS	Horizontal

Mode	LTE	Remark	\
Band	Band=2 BW=20MHz	Channel	19100

Suspected List

Suspected List								
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	49.2098	150	197	-57.21	-13.00	44.21	PASS	Vertical
2	212.7846	150	187	-65.00	-13.00	52.00	PASS	Vertical
3	367.2394	150	339	-55.72	-13.00	42.72	PASS	Vertical
4	750.078	150	356	-65.05	-13.00	52.05	PASS	Vertical
5	4923.7712	150	34	-47.43	-13.00	34.43	PASS	Vertical
6	12499.4125	150	125	-44.62	-13.00	31.62	PASS	Vertical

Mode	LTE	Remark	\
Band	Band=4 BW=20MHz	Channel	20175

Suspected List

Suspected List								
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	169.902	150	93	-49.34	-13.00	36.34	PASS	Horizontal
2	400.032	150	336	-43.79	-13.00	30.79	PASS	Horizontal
3	960.028	150	64	-51.94	-13.00	38.94	PASS	Horizontal
4	3465.0983	150	64	-48.67	-13.00	35.67	PASS	Horizontal
5	6971.3736	150	292	-48.85	-13.00	35.85	PASS	Horizontal
6	12418.4834	150	0	-43.85	-13.00	30.85	PASS	Horizontal

Mode	LTE	Remark	\
Band	Band=4 BW=20MHz	Channel	20175

Suspected List

Suspected List								
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	56.0012	150	113	-48.71	-13.00	35.71	PASS	Vertical
2	169.902	150	69	-47.47	-13.00	34.47	PASS	Vertical
3	400.032	150	353	-42.96	-13.00	29.96	PASS	Vertical
4	960.028	150	59	-52.37	-13.00	39.37	PASS	Vertical
5	3465.0983	150	357	-37.55	-13.00	24.55	PASS	Vertical
6	4987.6369	150	34	-48.77	-13.00	35.77	PASS	Vertical

Mode	LTE	Remark	\
Band	Band=5 BW=20MHz	Channel	20525

Suspected List

Suspected List								
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	50.9562	150	116	-58.71	-13.00	45.71	PASS	Horizontal
2	126.8254	150	274	-53.55	-13.00	40.55	PASS	Horizontal
3	400.032	150	3	-44.39	-13.00	31.39	PASS	Horizontal
4	2690.9941	150	152	-53.26	-13.00	40.26	PASS	Horizontal
5	4531.2281	150	108	-53.64	-13.00	40.64	PASS	Horizontal
6	10225.8476	150	30	-48.37	-13.00	35.37	PASS	Horizontal

Mode	LTE	Remark	\
Band	Band=5 BW=20MHz	Channel	20525

Suspected List

Suspected List								
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	49.0158	150	117	-56.05	-13.00	43.05	PASS	Vertical
2	167.9616	150	65	-60.65	-13.00	47.65	PASS	Vertical
3	400.032	150	0	-43.64	-13.00	30.64	PASS	Vertical
4	1668.6419	150	0	-51.57	-13.00	38.57	PASS	Vertical
5	3084.6585	150	322	-54.32	-13.00	41.32	PASS	Vertical
6	4874.3624	150	171	-51.04	-13.00	38.04	PASS	Vertical

Mode	LTE	Remark	\
Band	Band=12 BW=20MHz	Channel	23095

Suspected List

Suspected List								
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	49.0158	150	292	-58.52	-13.00	45.52	PASS	Horizontal
2	172.2304	150	186	-57.05	-13.00	44.05	PASS	Horizontal
3	400.032	150	3	-44.33	-13.00	31.33	PASS	Horizontal
4	2338.4588	150	59	-53.23	-13.00	40.23	PASS	Horizontal
5	3277.3777	150	96	-54.79	-13.00	41.79	PASS	Horizontal
6	4924.8925	150	336	-53.79	-13.00	40.79	PASS	Horizontal

Mode	LTE	Remark	\
Band	Band=12 BW=20MHz	Channel	23095

Suspected List

Suspected List								
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	60.4641	150	0	-57.79	-13.00	44.79	PASS	Vertical
2	167.9616	150	24	-60.79	-13.00	47.79	PASS	Vertical
3	400.032	150	320	-44.22	-13.00	31.22	PASS	Vertical
4	2039.979	150	6	-53.74	-13.00	40.74	PASS	Vertical
5	3819.1069	150	320	-54.71	-13.00	41.71	PASS	Vertical
6	5010.6761	150	338	-52.58	-13.00	39.58	PASS	Vertical

Mode	LTE	Remark	\
Band	Band=13 BW=20MHz	Channel	23230

Suspected List

Suspected List								
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	58.5237	150	352	-58.54	-13.00	45.54	PASS	Horizontal
2	217.8296	150	114	-58.03	-13.00	45.03	PASS	Horizontal
3	400.032	150	3	-44.48	-13.00	31.48	PASS	Horizontal
4	2699.2199	150	276	-52.86	-13.00	39.86	PASS	Horizontal
5	6933.1683	150	122	-49.32	-13.00	36.32	PASS	Horizontal
6	12385.7136	150	96	-45.42	-13.00	32.42	PASS	Horizontal

Mode	LTE	Remark	\
Band	Band=13 BW=20MHz	Channel	23230

Suspected List

Suspected List								
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	49.986	150	40	-54.81	-13.00	41.81	PASS	Vertical
2	133.2286	150	0	-57.60	-13.00	44.60	PASS	Vertical
3	400.032	150	0	-43.43	-13.00	30.43	PASS	Vertical
4	2039.979	150	106	-53.96	-13.00	40.96	PASS	Vertical
5	5393.7644	150	87	-51.88	-13.00	38.88	PASS	Vertical
6	11822.8323	150	97	-45.51	-13.00	32.51	PASS	Vertical

Mode	LTE	Remark	\
Band	Band=17 BW=20MHz	Channel	23790

Suspected List

Suspected List								
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	58.5237	150	322	-59.41	-13.00	46.41	PASS	Horizontal
2	138.2737	150	205	-60.81	-13.00	47.81	PASS	Horizontal
3	400.032	150	340	-44.46	-13.00	31.46	PASS	Horizontal
4	2839.0589	150	332	-53.55	-13.00	40.55	PASS	Horizontal
5	6483.0983	150	45	-49.71	-13.00	36.71	PASS	Horizontal
6	12359.861	150	126	-45.26	-13.00	32.26	PASS	Horizontal

Mode	LTE	Remark	\
Band	Band=17 BW=20MHz	Channel	23790

Suspected List

Suspected List								
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	48.8218	150	23	-56.59	-13.00	43.59	PASS	Vertical
2	167.7676	150	32	-59.67	-13.00	46.67	PASS	Vertical
3	400.032	150	357	-43.89	-13.00	30.89	PASS	Vertical
4	2130.463	150	339	-53.98	-13.00	40.98	PASS	Vertical
5	4874.3624	150	58	-44.66	-13.00	31.66	PASS	Vertical
6	11875.7126	150	240	-46.52	-13.00	33.52	PASS	Vertical

Mode	LTE	Remark	\
Band	Band=25 BW=20MHz	Channel	26365

Suspected List

Suspected List								
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	75.017	150	56	-61.98	-13.00	48.98	PASS	Horizontal
2	199.978	150	77	-63.75	-13.00	50.75	PASS	Horizontal
3	400.032	150	345	-44.24	-13.00	31.24	PASS	Horizontal
4	900.07	150	272	-65.90	-13.00	52.90	PASS	Horizontal
5	5647.7648	150	35	-49.91	-13.00	36.91	PASS	Horizontal
6	16481.8482	150	224	-40.35	-13.00	27.35	PASS	Horizontal

Mode	LTE	Remark	\
Band	Band=25 BW=20MHz	Channel	26365

Suspected List

Suspected List								
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	58.7177	150	144	-57.88	-13.00	44.88	PASS	Vertical
2	199.978	150	106	-60.85	-13.00	47.85	PASS	Vertical
3	400.032	150	346	-43.45	-13.00	30.45	PASS	Vertical
4	900.07	150	284	-62.98	-13.00	49.98	PASS	Vertical
5	5643.2643	150	234	-47.92	-13.00	34.92	PASS	Vertical
6	17143.4143	150	178	-39.90	-13.00	26.90	PASS	Vertical

PHOTOGRAPHS OF EUT Constructional Details

Refer to Report No. EED32R80609501 for EUT external and internal photos.

Statement

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