

Prüfbericht-Nr.: <i>Test report no.:</i>	CN2126AN(P22-WWAN) 001	Auftrags-Nr.: <i>Order no.:</i>	238494754	Seite 1 von 21 Page 1 of 21
Kunden-Referenz-Nr.: <i>Client reference no.:</i>	N/A	Auftragsdatum: <i>Order date:</i>	2020-12-02	
Auftraggeber: <i>Client:</i>	Tokai Rika Create Corporation 2-3-10, Aoi, Higashi-ku, Nagoya, Aichi 461-0004 Japan			
Prüfgegenstand: <i>Test item:</i>	SMARTASSIST-REMOTE(Communication Unit)			
Bezeichnung / Typ-Nr.: <i>Identification / Type no.:</i>	YSAR03-3G			
Auftrags-Inhalt: <i>Order content:</i>	FCC Part 22 Test report			
Prüfgrundlage: <i>Test specification:</i>	FCC 47CFR Part 22 Subpart H			
Wareneingangsdatum: <i>Date of sample receipt:</i>	2020-12-04			
Prüfmuster-Nr.: <i>Test sample no.:</i>	A002947406-002 A002947406-005			
Prüfzeitraum: <i>Testing period:</i>	2020-12-16 - 2021-2-25			
Ort der Prüfung: <i>Place of testing:</i>	EMC/RF Taipei Testing Site			
Prüflaboratorium: <i>Testing laboratory:</i>	Taipei Testing Laboratories			
Prüfergebnis*: <i>Test result*:</i>	Pass			
überprüft von: <i>reviewed by:</i>			genehmigt von: <i>authorized by:</i>	
Datum: <i>Date:</i>	2021-03-04	Ausstellungsdatum: <i>Issue date:</i>	2021-03-04	
Stellung / Position:	David Huang Project Manager	Stellung / Position:	Brenda Chen Senior Project Manager	
Sonstiges / Other:	This project is refereed to the original module report no. CETECOM TR16-1-0019501T05a. The only difference is the antenna, so we evaluate and verify E.R.P and Radiated Spurious Emissions tests. The other test results are the same as the original module report.			
Zustand des Prüfgegenstandes bei Anlieferung: <i>Condition of the test item at delivery:</i>	Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged</i>			
* Legende:	1 = sehr gut P(ass) = entspricht o.g. Prüfgrundlage(n)	2 = gut F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	3 = befriedigend N/A = nicht anwendbar	4 = ausreichend N/T = nicht getestet
* Legend:	1 = very good P(ass) = passed a.m. test specification(s)	2 = good F(ail) = failed a.m. test specification(s)	3 = satisfactory N/A = not applicable	4 = sufficient N/T = not tested
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i>				

TEST SUMMARY

Report Section	FCC Clause	Test Item	Result
5.1.1	2.1046 22.913 (a)	Conducted Output Power and Effective Radiated Power	Pass
-	2.1055 22.355	Frequency Stability	Not Applicable
-	22.913 (d)	Peak to Average Ratio	Not Applicable
-	2.1049	Occupied Bandwidth and 26 dB Bandwidth	Not Applicable
-	2.1051 22.917(a)	Conducted Band Edge	Not Applicable
-	2.1051 22.917(a)	Conducted Spurious Emissions	Not Applicable
5.1.2	2.1053 22.917(a)	Radiated Spurious Emissions	Pass

Note: Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

Contents

HISTORY OF THIS TEST REPORT	5
1. GENERAL REMARKS	6
1.1 COMPLEMENTARY MATERIALS.....	6
1.2 DECISION RULE OF CONFORMITY	6
2. TEST SITES	7
2.1 TEST LABORATORY	7
2.2 TEST FACILITY.....	7
2.3 TRACEABILITY	8
2.4 CALIBRATION	8
2.5 MEASUREMENT UNCERTAINTY	8
3. GENERAL PRODUCT INFORMATION.....	9
3.1 PRODUCT FUNCTION AND INTENDED USE	9
3.2 SYSTEM DETAILS AND RATINGS.....	9
3.3 NOISE GENERATING AND NOISE SUPPRESSING PARTS	9
3.4 SUBMITTED DOCUMENTS.....	10
4. TEST SET-UP AND OPERATION MODES.....	11
4.1 PRINCIPLE OF CONFIGURATION SELECTION	11
4.2 TEST OPERATION AND TEST SOFTWARE.....	11
4.3 SPECIAL ACCESSORIES AND AUXILIARY EQUIPMENT	12
4.4 TEST SETUP DIAGRAM	12
5. TEST RESULTS	13
5.1 TRANSMITTER REQUIREMENT & TEST SUITES	13
5.1.1 Conducted Output Power and ERP	13
5.1.2 Radiated Spurious Emissions	19

Prüfbericht - Nr.: CN2126AN(P22-WWAN) 001
Test Report No.

Seite 4 von 21
Page 4 of 21

APPENDIX A - TEST RESULT OF CONDUCTED

APPENDIX B - TEST RESULT OF RADIATED SPURIOUS EMISSIONS

APPENDIX SP - PHOTOGRAPHS TEST SETUP

APPENDIX EP - PHOTOGRAPHS OF EUT

Prüfbericht - Nr.: **CN2126AN(P22-WWAN) 001**
Test Report No.

Seite 5 von 21
Page 5 of 21

HISTORY OF THIS TEST REPORT

Report No.	Description	Date Issued
CN2126AN(P22-WWAN) 001	Original Release	2021-03-04

1. General Remarks

1.1 Complementary Materials

All attachments are integral parts of this test report. This applies especially to the following appendix:

Appendix A - Test Result of Conducted

Appendix B - Test Result of Radiated Spurious Emissions

Appendix SP - Photographs Test Setup

Appendix EP - Photographs of EUT

Applied Standard and Test Levels

Radio
FCC 47 CFR Part 2
FCC 47 CFR Part 22 Subpart H
KDB 971168 D01 Power Meas License Digital Systems v03r01
ANSI/TIA/EIA-603-E 2016
ANSI C63.26-2015

1.2 Decision Rule of Conformity

The decision rule of conformity of this test report is following the requirements of the requested standard in the quotation, and agreed among testing laboratory and manufacturer (applicant) to exclude the consideration of Measurement Uncertainty, unless it is required by the specific standard.

2. Test Sites

2.1 Test Laboratory

Taipei Testing Laboratories

11F. No.758, Sec. 4, Bade Rd., Songshan Dist.
Taipei City 105
Taiwan (R.O.C.)

2.2 Test Facility

Taipei Testing Laboratories

No.458-18, Sec. 2, Fenliao Rd., Linkou Dist.,
New Taipei City 244
Taiwan (R.O.C.)
FCC Registration No.: 226631
ISED Registration No.: 25563

2.3 Traceability

All measurement equipment calibrations are traceable to NML(Taiwan)/NIST(USA) or where calibration is performed outside Taiwan, to equivalent nationally recognized standards organizations.

2.4 Calibration

Equipment requiring calibration is calibrated periodically in a suitably accredited Calibration Lab. Additionally all equipment is verified for proper performance on a regular basis using in house standards or comparisons.

2.5 Measurement Uncertainty

All measurement uncertainty values are shown with a coverage factor of $k=2$ to indicate a 95% level of confidence.

Emission Measurement Uncertainty

Parameter	Uncertainty
Radiated Emission (9 kHz ~ 30 MHz)	± 1.15 dB
Radiated Emission (30 MHz ~ 200 MHz)	± 1.30 dB
Radiated Emission (200 MHz ~ 1 GHz)	± 1.30 dB
Radiated Emission (1 GHz ~ 18 GHz)	± 1.54 dB
Radiated Emission (18 GHz ~ 40 GHz)	± 2.52 dB
Mains Conducted Emission	± 1.65 dB

3. General Product Information

3.1 Product Function and Intended Use

The EUT is a SMARTASSIST-REMOTE(Communication Unit). It contains a WWAN compatible module enabling the user to communicate data through a Wireless interface.

For details refer to the User Guide, Data Sheet and Circuit Diagram.

3.2 System Details and Ratings

Basic Information of EUT

Item	EUT information
Kind of Equipment/Test Item	SMARTASSIST-REMOTE(Communication Unit)
Type Identification	YSAR03-3G
FCC ID	XPY1CGM5NNN

Technical Specification of EUT

Item	EUT information	
Operating Frequency	GSM/EDGE	824.2 ~ 848.8 MHz
	WCDMA	826.4 ~ 846.6 MHz
Modulation	GSM	GMSK
	EDGE	8PSK
	WCDMA	QPSK
Operation Voltage	13Vdc	
Antenna Information	Ceramic Antenna with -11.67 dBi gain	
Accessory Device	Refer to 4.3	

Maximum ERP and Emission Designator

Item	Band	Value
Maximum ERP (mW)	GSM/GPSR	71.12
	WCDMA	8.79
Emission Designator	GSM/GPSR	248KGXW
	WCDMA	4M18F9W

3.3 Noise Generating and Noise Suppressing Parts

Refer to the Circuit Diagram.

3.4 Submitted Documents

- Circuit Diagram
- Instruction Manual
- Rating Label
- Technical Description

4. Test Set-up and Operation Modes

4.1 Principle of Configuration Selection

The equipment under test (EUT) was configured to measure its maximum power level. The test modes were adapted accordingly in reference to the instructions for use.

4.2 Test Operation and Test Software

Setup for testing: Test samples make a communication with CMW500 which makes it possible to control them through a test software installed on a notebook computer.

This software was running on the laptop computer connected to the EUT. It was used to enable the operation modes listed as below.

Test Software	Sdi 17026_apl.exe
---------------	-------------------

The samples were used as follows:

A002947406-002 for radiated

A002947406-005 for conducted

Full test was applied on all test modes, but only worst case was shown.

Effective Radiated Power (ERP)

Pre-Scan full test was applied on all test modes, but only worst case was shown.

Following channel(s) was (were) selected for the final test as listed below.

EUT Configure Mode	Band	Available Channel	Tested Channel	Mode	Position
-	GSM	128 to 251	128, 189, 251	GSM / EDGE	H-plane
-	WCDMA	4132 to 4233	4132, 4182, 4233	WCDMA	H-plane

Radiated Spurious Emissions

Pre-Scan full test was applied on all test modes, but only worst case was shown.

Following channel(s) was (were) selected for the final test as listed below.

EUT Configure Mode	Band	Available Channel	Tested Channel	Mode	Position
-	GSM	128 to 251	189	GSM / EDGE	H-plane
-	WCDMA	4132 to 4233	4182	WCDMA	H-plane

Test Condition

Test Item	Ambient Temperature	Relative Humidity	Tested by
ERP	20.9~23.3 °C	65.5~67.1 %	Chunyi
Radiated Spurious Emissions	21.8~22.2 °C	41.3~49.4 %	Chunyi

4.3 Special Accessories and Auxiliary Equipment

The product has been tested together with the following additional accessories:

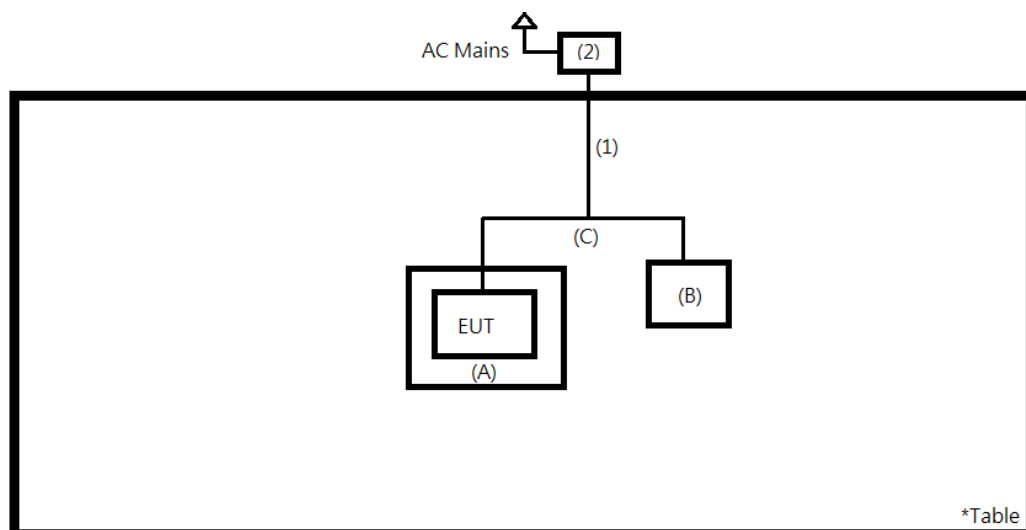
Accessory of EUT

None.

Support Unit

No.	Description	Brand	Model	S/N	Remark
Radiated Test					
A	Iron Plate	YANMAR	-	-	-
B	Remote	YANMAR	YSAR031	-	-
C	Signal Cable	YANMAR	1A8252-51910	-	90 cm shielded cable with core
1	DC Power Cable	TUV	TUV001	-	-
2	DC Power Supply	Gwinstek	GPS-3303	-	180 cm shielded cable with core
Conducted Test					
-	Power Supply	Gwinstek	GPS-3303	GEU915613	-

4.4 Test Setup Diagram



5. Test Results

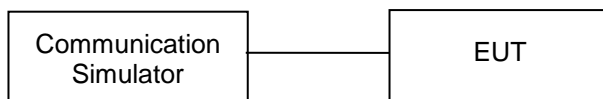
5.1 Transmitter Requirement & Test Suites

5.1.1 Conducted Output Power and ERP

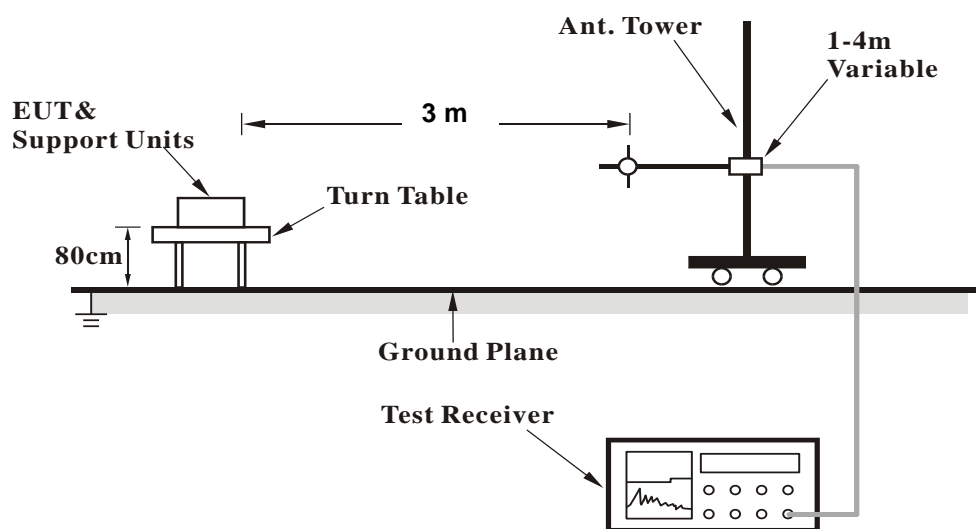
Limit 7 watt (ERP)
Kind of Test Site Shielded room

Test Setup

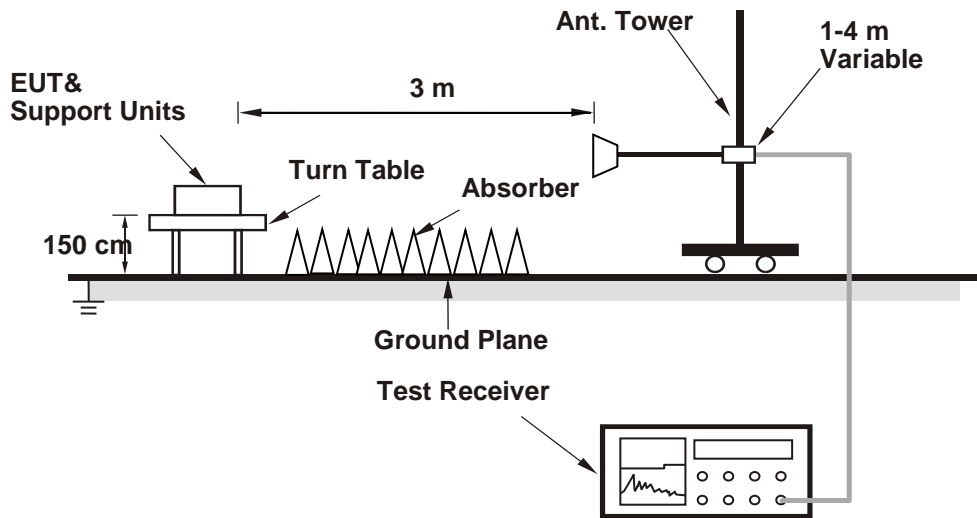
<Conducted Output Power>



<Radiated Emission below or equal to 1 GHz>



<Radiated Emission above 1 GHz>



Test Instruments

Kind of Equipment	Manufacturer	Type	S/N	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV40	101508	2020/3/16	2021/3/15
Receiver	R&S	ESR7	102108	2020/4/22	2021/4/21
Bilog Antenna	SCHWARZBECK	VULB-9168	00951	2020/2/14	2021/2/12
Horn Antenna	ETS-Lindgren	3117	00218930	2020/12/1	2021/11/30
LF-AMP	Agilent	8447D	2944A10772	2020/2/11	2021/2/9
HF-AMP + AC source	EMCI	EMC051845SE	980633	2020/2/17	2021/2/15
Microwave Cable	HUBER+SUHNER	SUCOFLEX 104EA	800056/4EA	2020/3/25	2021/3/24
Microwave Cable	HUBER+SUHNER	SUCOFLEX 104	804680/4	2020/3/25	2021/3/24
Microwave Cable	HUBER+SUHNER	SUCOFLEX 104	MY37202/4	2020/3/25	2021/3/24
Microwave Cable	HUBER+SUHNER	SUCOFLEX 102EA	800898/2EA	2020/4/22	2021/4/21
Microwave Cable	HUBER+SUHNER	SUCOFLEX 102EA	800901/2EA	2020/4/22	2021/4/21
Microwave Cable	HUBER+SUHNER	SUCOFLEX 102EA	801027/2EA	2020/4/22	2021/4/21

Test Procedures

Conducted Power Measurement:

The EUT was set up for the maximum power with WWAN link data modulation and link up with simulator. Set the EUT to transmit under low, middle and high channel and record the power level shown on simulator.

EIRP / ERP Measurement:

- a. All measurements were done at low, middle and high operational frequency range. RBW and VBW is 1 MHz for GSM, GPRS & EDGE, and 5 MHz for WCDMA and CDMA, and 10 MHz for LTE mode.
- b. Substitution method is used for E.I.R.P measurement. In the semi-anechoic chamber, EUT placed on the 0.8 m (below or equal 1 GHz) and/or 1.5 m (above 1 GHz) height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1 m to 4 m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
- c. The substitution horn antenna is substituted for EUT at the same position and signals generator export the CW signal to the substitution antenna via a tx cable. Rotated the Turn Table and moved receiving antenna to find the maximum radiation power. Adjust output power level of S.G to get a Value of spectrum reading equal to "Read Value" of step b. Record the power level of S.G.
- d. $EIRP = \text{Output power level of S.G} - \text{TX cable loss} + \text{Antenna gain of substitution horn}$. E.R.P power can be calculated form E.I.R.P power by subtracting the gain of dipole, $E.R.P \text{ power} = E.I.R.P \text{ power} - 2.15 \text{ dB}$.
- e. The ERP / EIRP testing was performed in the X(E1), Y(H) and Z(E2) axis orientation. The worst-case Axis orientation is recorded in this test report.

Test Result
<Conducted Output Power>

GSM850		Max Burst Average Power (dBm)		
		Channel/Frequency(MHz)		
		128/824.2	189/836.4	251/848.8
GPRS (GMSK)	1 Tx Slot	32.34	32.30	32.32
	2 Tx Slot	32.15	32.20	32.14
	3 Tx Slot	31.66	31.72	31.73
	4 Tx Slot	30.59	30.65	30.67
EDGE (8PSK)	1 Tx Slot	27.06	27.11	27.09
	2 Tx Slot	27.06	27.12	27.08
	3 Tx Slot	27.07	27.11	27.10
	4 Tx Slot	27.11	27.13	27.12

Band	UMTS B2 Average Conducted Power(dBm)	
Tx Channel	9400	9538
Rx Channel	9800	9938
Frequency(MHz)	1880	1907.6
RMC 12.2K	23.14	22.76

<ERP>

GPRS							
Plane	Channel	Frequency (MHz)	LVL (dBm)	Correction Factor (dB)	ERP (dBm)	ERP (mW)	Polarization (H/V)
H	128	824.2	-16.90	37.57	18.52	71.12	H
	189	836.4	-16.99	37.62	18.48	70.47	
	251	848.8	-16.85	37.5	18.50	70.79	
V	128	824.2	-22.84	37.57	12.58	18.11	V
	189	836.4	-24.31	37.64	11.18	13.12	
	251	848.8	-24.49	37.6	10.96	12.47	

Note: ERP (dBm) = Reading (dBm) + Correction Factor (dB) – 2.15

EGPRS							
Plane	Channel	Frequency (MHz)	Reading (dBm)	Correction Factor (dB)	ERP (dBm)	ERP (mW)	Polarization (H/V)
H	128	824.2	-22.18	37.57	13.24	21.09	H
	189	836.4	-22.18	37.62	13.29	21.33	
	251	848.8	-22.07	37.49	13.27	21.23	
V	128	824.2	-28.21	37.57	7.21	5.26	V
	189	836.4	-29.88	37.64	5.61	3.64	
	251	848.8	-30.01	37.59	5.43	3.49	

Note: ERP (dBm) = Reading (dBm) + Correction Factor (dB) – 2.15

WCDMA Band V							
Plane	Channel	Frequency (MHz)	LVL (dBm)	Correction Factor (dB)	ERP (dBm)	ERP (mW)	Polarization (H/V)
H	4132	826.4	-25.07	36.66	9.44	8.79	H
	4182	836.4	-26.13	37.62	9.34	8.59	
	4233	846.6	-25.38	36.79	9.26	8.43	
	4132	826.4	-28.75	36.87	5.97	3.95	V
	4182	836.4	-30.74	37.64	4.75	2.99	
	4233	846.6	-30.89	37.06	4.02	2.52	

Note: ERP (dBm) = Reading (dBm) + Correction Factor (dB) – 2.15

5.1.2 Radiated Spurious Emissions

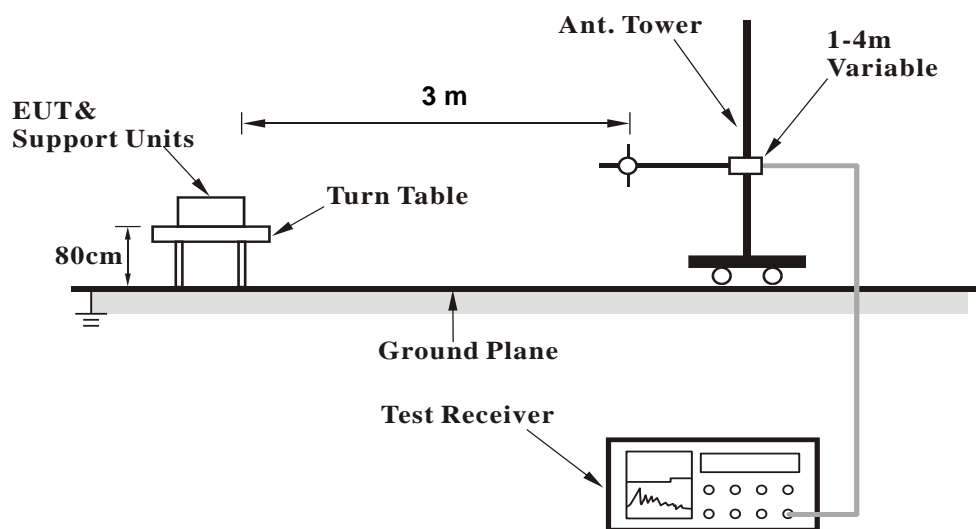
Limit

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.

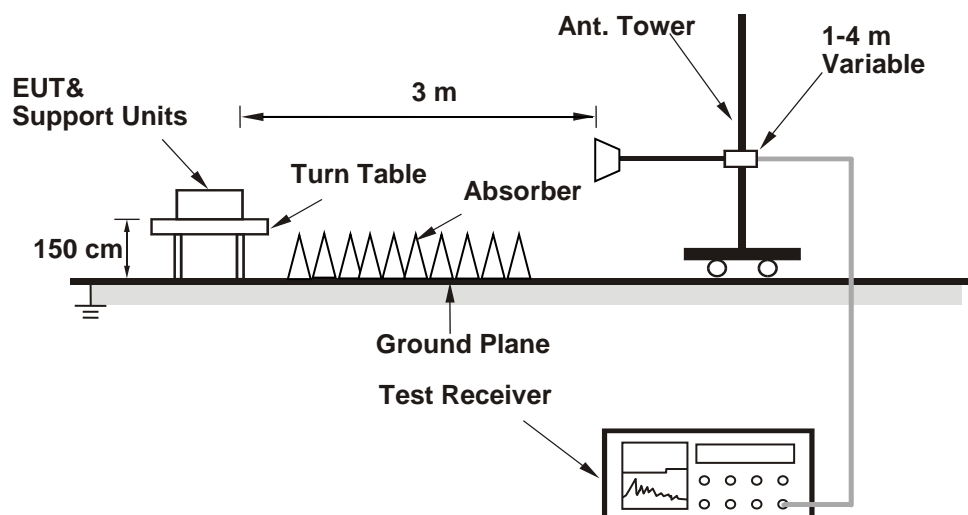
Kind of Test Site 3m Semi-Anechoic Chamber

Test Setup

<Radiated Emissions below or equal to 1 GHz>



<Radiated Emissions above 1 GHz>



Prüfbericht - Nr.: **CN2126AN(P22-WWAN) 001**
Test Report No.

Seite 20 von 21
Page 20 of 21

For the actual test configuration, please refer to the attached file (Test Setup Photo).

Test Instruments

Refer to 5.1.1 Test Instruments

Test Procedures

- a. Substitution method is used for E.I.R.P. measurement. In the semi-anechoic chamber, EUT placed on the 0.8m (below or equal to 1 GHz) and/or 1.5m (above 1 GHz) height of turn table, rotated the table around horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
- b. The substitution horn antenna is substituted for EUT at the same position and signals generator export the CW signal to the substitution antenna via a TX cable. Rotated the turn table and moved receiving antenna to find the maximum radiation power. Adjust output power level of S.G to get a value of spectrum reading equal to "Read Value" of step a. Record the power level of S.G.
- c. $E.I.R.P. = \text{Output power level of S.G} - \text{TX cable loss} + \text{Antenna gain of substitution horn.}$
- d. $E.R.P. \text{ can be calculated from E.I.R.P. by subtracting the gain of dipole, } E.R.P. = E.I.R.P - 2.15 \text{ dB.}$

Note:


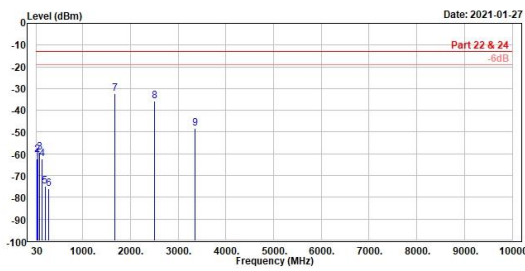

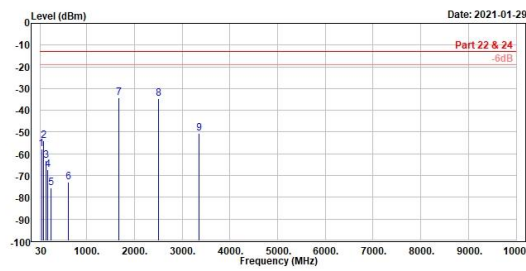
1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1MHz/3MHz.
2. Testing was carried out within frequency range 30 MHz to the tenth harmonic.
3. All modes of operation were investigated and the worst-case emissions are reported.
4. The ERP / EIRP testing was performed in the X(E1), Y(H) and Z(E2) axis orientation. The worst-case Axis orientation is recorded in this test report.

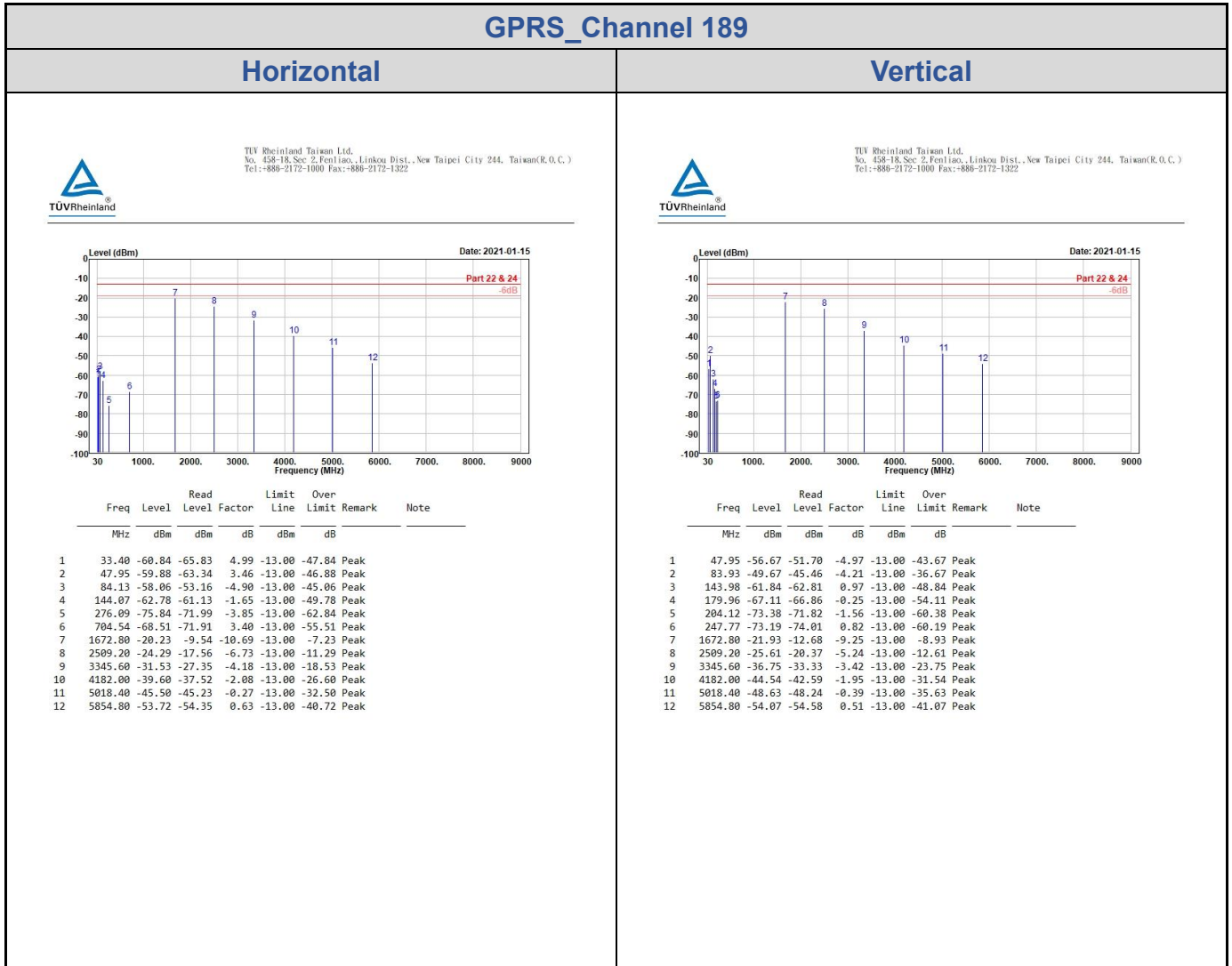
Test Results

Please refer to Appendix B.

Appendix A: Test Results of Radiated Spurious Emissions

GPRS850 Link Mode, 30MHz ~ 10th

EGPRS_Channel 189																																																																																																																																																																																	
Horizontal	Vertical																																																																																																																																																																																
 <p>TUV Rheinland Taiwan Ltd. No. 438-18, Sec. 2, Feniiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.) Tel:+886-2172-1000 Fax:+886-2172-1322</p> <p>Date: 2021-01-27</p>  <p>Part 22 & 24 -6dB</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Read Level</th> <th>Factor</th> <th>Limit</th> <th>Over</th> <th>Remark</th> <th>Note</th> </tr> <tr> <th>MHz</th> <th>dBm</th> <th>dBm</th> <th>dB</th> <th>dBm</th> <th>dB</th> <th></th> <th></th> </tr> </thead> <tbody> <tr><td>1</td><td>32.33</td><td>-62.20</td><td>-67.12</td><td>4.92</td><td>-13.00</td><td>-49.20</td><td>Peak</td></tr> <tr><td>2</td><td>47.95</td><td>-60.39</td><td>-63.85</td><td>3.46</td><td>-13.00</td><td>-47.39</td><td>Peak</td></tr> <tr><td>3</td><td>83.93</td><td>-59.21</td><td>-54.31</td><td>-4.90</td><td>-13.00</td><td>-46.21</td><td>Peak</td></tr> <tr><td>4</td><td>143.98</td><td>-62.37</td><td>-60.72</td><td>-1.65</td><td>-13.00</td><td>-49.37</td><td>Peak</td></tr> <tr><td>5</td><td>204.12</td><td>-74.85</td><td>-68.77</td><td>-6.08</td><td>-13.00</td><td>-61.85</td><td>Peak</td></tr> <tr><td>6</td><td>276.19</td><td>-76.07</td><td>-72.22</td><td>-3.85</td><td>-13.00</td><td>-63.07</td><td>Peak</td></tr> <tr><td>7</td><td>1672.00</td><td>-32.15</td><td>-21.46</td><td>-10.69</td><td>-13.00</td><td>-19.15</td><td>Peak</td></tr> <tr><td>8</td><td>2509.20</td><td>-35.84</td><td>-29.11</td><td>-6.73</td><td>-13.00</td><td>-22.84</td><td>Peak</td></tr> <tr><td>9</td><td>3345.60</td><td>-48.35</td><td>-44.17</td><td>-4.18</td><td>-13.00</td><td>-35.35</td><td>Peak</td></tr> </tbody> </table>	Freq	Level	Read Level	Factor	Limit	Over	Remark	Note	MHz	dBm	dBm	dB	dBm	dB			1	32.33	-62.20	-67.12	4.92	-13.00	-49.20	Peak	2	47.95	-60.39	-63.85	3.46	-13.00	-47.39	Peak	3	83.93	-59.21	-54.31	-4.90	-13.00	-46.21	Peak	4	143.98	-62.37	-60.72	-1.65	-13.00	-49.37	Peak	5	204.12	-74.85	-68.77	-6.08	-13.00	-61.85	Peak	6	276.19	-76.07	-72.22	-3.85	-13.00	-63.07	Peak	7	1672.00	-32.15	-21.46	-10.69	-13.00	-19.15	Peak	8	2509.20	-35.84	-29.11	-6.73	-13.00	-22.84	Peak	9	3345.60	-48.35	-44.17	-4.18	-13.00	-35.35	Peak	 <p>TUV Rheinland Taiwan Ltd. No. 438-18, Sec. 2, Feniiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.) Tel:+886-2172-1000 Fax:+886-2172-1322</p> <p>Date: 2021-01-29</p>  <p>Part 22 & 24 -6dB</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Read Level</th> <th>Factor</th> <th>Limit</th> <th>Over</th> <th>Remark</th> <th>Note</th> </tr> <tr> <th>MHz</th> <th>dBm</th> <th>dBm</th> <th>dB</th> <th>dBm</th> <th>dB</th> <th></th> <th></th> </tr> </thead> <tbody> <tr><td>1</td><td>47.95</td><td>-57.82</td><td>-52.85</td><td>-4.97</td><td>-13.00</td><td>-44.82</td><td>Peak</td></tr> <tr><td>2</td><td>83.93</td><td>-54.02</td><td>-49.81</td><td>-4.21</td><td>-13.00</td><td>-41.02</td><td>Peak</td></tr> <tr><td>3</td><td>144.07</td><td>-63.24</td><td>-64.22</td><td>0.98</td><td>-13.00</td><td>-50.24</td><td>Peak</td></tr> <tr><td>4</td><td>179.96</td><td>-67.26</td><td>-67.01</td><td>-0.25</td><td>-13.00</td><td>-54.26</td><td>Peak</td></tr> <tr><td>5</td><td>252.03</td><td>-75.49</td><td>-76.41</td><td>0.92</td><td>-13.00</td><td>-62.49</td><td>Peak</td></tr> <tr><td>6</td><td>609.58</td><td>-72.93</td><td>-78.17</td><td>5.24</td><td>-13.00</td><td>-59.93</td><td>Peak</td></tr> <tr><td>7</td><td>1672.00</td><td>-34.38</td><td>-25.13</td><td>-9.25</td><td>-13.00</td><td>-21.38</td><td>Peak</td></tr> <tr><td>8</td><td>2509.20</td><td>-34.62</td><td>-29.38</td><td>-5.24</td><td>-13.00</td><td>-21.62</td><td>Peak</td></tr> <tr><td>9</td><td>3345.60</td><td>-50.54</td><td>-47.12</td><td>-3.42</td><td>-13.00</td><td>-37.54</td><td>Peak</td></tr> </tbody> </table>	Freq	Level	Read Level	Factor	Limit	Over	Remark	Note	MHz	dBm	dBm	dB	dBm	dB			1	47.95	-57.82	-52.85	-4.97	-13.00	-44.82	Peak	2	83.93	-54.02	-49.81	-4.21	-13.00	-41.02	Peak	3	144.07	-63.24	-64.22	0.98	-13.00	-50.24	Peak	4	179.96	-67.26	-67.01	-0.25	-13.00	-54.26	Peak	5	252.03	-75.49	-76.41	0.92	-13.00	-62.49	Peak	6	609.58	-72.93	-78.17	5.24	-13.00	-59.93	Peak	7	1672.00	-34.38	-25.13	-9.25	-13.00	-21.38	Peak	8	2509.20	-34.62	-29.38	-5.24	-13.00	-21.62	Peak	9	3345.60	-50.54	-47.12	-3.42	-13.00	-37.54	Peak
Freq	Level	Read Level	Factor	Limit	Over	Remark	Note																																																																																																																																																																										
MHz	dBm	dBm	dB	dBm	dB																																																																																																																																																																												
1	32.33	-62.20	-67.12	4.92	-13.00	-49.20	Peak																																																																																																																																																																										
2	47.95	-60.39	-63.85	3.46	-13.00	-47.39	Peak																																																																																																																																																																										
3	83.93	-59.21	-54.31	-4.90	-13.00	-46.21	Peak																																																																																																																																																																										
4	143.98	-62.37	-60.72	-1.65	-13.00	-49.37	Peak																																																																																																																																																																										
5	204.12	-74.85	-68.77	-6.08	-13.00	-61.85	Peak																																																																																																																																																																										
6	276.19	-76.07	-72.22	-3.85	-13.00	-63.07	Peak																																																																																																																																																																										
7	1672.00	-32.15	-21.46	-10.69	-13.00	-19.15	Peak																																																																																																																																																																										
8	2509.20	-35.84	-29.11	-6.73	-13.00	-22.84	Peak																																																																																																																																																																										
9	3345.60	-48.35	-44.17	-4.18	-13.00	-35.35	Peak																																																																																																																																																																										
Freq	Level	Read Level	Factor	Limit	Over	Remark	Note																																																																																																																																																																										
MHz	dBm	dBm	dB	dBm	dB																																																																																																																																																																												
1	47.95	-57.82	-52.85	-4.97	-13.00	-44.82	Peak																																																																																																																																																																										
2	83.93	-54.02	-49.81	-4.21	-13.00	-41.02	Peak																																																																																																																																																																										
3	144.07	-63.24	-64.22	0.98	-13.00	-50.24	Peak																																																																																																																																																																										
4	179.96	-67.26	-67.01	-0.25	-13.00	-54.26	Peak																																																																																																																																																																										
5	252.03	-75.49	-76.41	0.92	-13.00	-62.49	Peak																																																																																																																																																																										
6	609.58	-72.93	-78.17	5.24	-13.00	-59.93	Peak																																																																																																																																																																										
7	1672.00	-34.38	-25.13	-9.25	-13.00	-21.38	Peak																																																																																																																																																																										
8	2509.20	-34.62	-29.38	-5.24	-13.00	-21.62	Peak																																																																																																																																																																										
9	3345.60	-50.54	-47.12	-3.42	-13.00	-37.54	Peak																																																																																																																																																																										



WCDMA Band V Link Mode, 30MHz ~ 10th

