

FCC Test Report

(PART 22)

Report No.: RF161122C09

FCC ID: TM74121001

Test Model: TD-4121C 、TD-4121X, TD-4122X(X=0~9,A~Z and blank for different product exterior color, logo and market) 、GD84 、Gtel

All model are Same as TD-4121C , only for different product exterior color, logo and market

Received Date: Nov. 22, 2016

Test Date: Dec. 16, 2016 ~ Jan. 23, 2017

Issued Date: Jan. 23, 2017

Applicant: Taidoc Technology Corp.

Address: 6F., No.127, Wugong 2nd Rd., Wugu Dist., New Taipei City 248, Taiwan (R.O.C.)

Issued By: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch

Lab Address: No. 47-2, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City, Taiwan (R.O.C)

Test Location: No. 19, Hwa Ya 2nd Rd, Wen Hwa Tsuen, Kwei Shan Hsiang, Taoyuan Hsien 333, Taiwan, R.O.C.



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Release Control Record

Issue No.	Description	Date Issued
RF161122C09	Original Release	Jan. 23, 2017

1 Certificate of Conformity

Product: Blood Glucose /Multi-Functional Monitoring System

Brand: URight, FORA, ActiveCare

Test Model: TD-4121C、TD-4121X, TD-4122X(X=0~9,A~Z and blank for different product exterior color, logo and market)、GD84、Gtel

All model are Same as TD-4121C, only for different product exterior color, logo and market

Sample Status: Identical Prototype

Applicant: Taidoc Technology Corp.

Test Date: Dec. 16, 2016 ~ Jan. 23, 2017

Standards: FCC Part 22, Subpart H

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

Prepared by : Evonne Liu, **Date:** Jan. 23, 2017
Evonne Liu / Specialist

Approved by : Stanley Wu, **Date:** Jan. 23, 2017
Stanley Wu / Assistant Manager

2 Summary of Test Results

Applied Standard: FCC Part 22 & Part 2			
FCC Clause	Test Item	Result	Remarks
2.1046 22.913 (a)	Effective Radiated Power	Pass	Meet the requirement of limit.
---	Peak to Average Ratio	Not Applicable	Refer to Note
2.1055 22.355	Frequency Stability	Not Applicable	Refer to Note
2.1049	Occupied Bandwidth	Not Applicable	Refer to Note
22.917	Band Edge Measurements	Not Applicable	Refer to Note
2.1051 22.917	Conducted Spurious Emissions	Not Applicable	Refer to Note
2.1053 22.917	Radiated Spurious Emissions	Pass	Meet the requirement of limit. Minimum passing margin is -1.02 dB at 1672.80 MHz.

NOTE: Only the test item for ERP Power and radiated emission had been tested for this addendum and the conducted data is referring to module report (Report No.: UL20140724FCC/IC016-1).

2.1 Measurement Uncertainty

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

Measurement	Frequency	Expanded Uncertainty (k=2) (±)
Radiated Emissions up to 1 GHz	30 MHz ~ 200 MHz	2.93 dB
	200 MHz ~ 1000 MHz	2.95 dB
Radiated Emissions above 1 GHz	1 GHz ~ 18 GHz	2.26 dB
	18 GHz ~ 40 GHz	1.94 dB

2.2 Test Site and Instruments

Description & Manufacturer	Model No.	Serial No.	Date of Calibration	Due Date of Calibration
Test Receiver Agilent	N9038A	MY51210203	Jan. 21, 2016	Jan. 20, 2017
Spectrum Analyzer Agilent	N9010A	MY52220314	Nov. 16, 2016	Nov. 15, 2017
Spectrum Analyzer ROHDE & SCHWARZ	FSU43	101261	Dec. 17, 2015	Dec. 16, 2016
BILOG Antenna SCHWARZBECK	VULB9168	9168-472	Jan. 07, 2016	Jan. 06, 2017
HORN Antenna SCHWARZBECK	BBHA 9120 D	9120D-969	Jan. 04, 2016	Jan. 03, 2017
Double Ridge Guide Horn Antenna EMCO	3115	5619	Jan. 04, 2016	Jan. 03, 2017
BILOG Antenna SCHWARZBECK	VULB 9168	9168-153	Jan. 07, 2016	Jan. 06, 2017
Agilent Communications Tester-Wireless	8960 Series 10	MY53201073	Jul. 03, 2015	Jul. 02, 2017
Preamplifier EMCI	EMC 012645	980115	Oct. 21, 2016	Oct. 20, 2017
Preamplifier EMCI	EMC 184045	980116	Oct. 21, 2016	Oct. 20, 2017
Preamplifier EMCI	EMC 330H	980112	Oct. 21, 2016	Oct. 20, 2017
Power Meter Anritsu	ML2495A	1232002	Sep. 08, 2016	Sep. 07, 2017
Power Sensor Anritsu	MA2411B	1207325	Sep. 08, 2016	Sep. 07, 2017
RF signal cable HUBER+SUHNNER	SUCOFLEX 104	309219/4 2950114	Oct. 21, 2016	Oct. 20, 2017
RF signal cable HUBER+SUHNNER	SUCOFLEX 104	250130/4	Oct. 21, 2016	Oct. 20, 2017
RF Coaxial Cable Worken	8D-FB	Cable-Ch10-01	Oct. 21, 2016	Oct. 20, 2017
Software BV ADT	E3 6.120103	NA	NA	NA
Antenna Tower MF	MFA-440H	NA	NA	NA
Turn Table MF	MFT-201SS	NA	NA	NA
Antenna Tower & Turn Table Controller MF	MF-7802	NA	NA	NA
Radio Communication Analyzer	MT8820C	6201300640	Aug. 10, 2015	Aug. 09, 2017
Temperature & Humidity Chamber	GTH-120-40-CP-A R	MAA1306-019	Sep. 02, 2016	Sep. 01, 2017
DC Power Supply Topward	33010D	807748	Oct. 25, 2016	Oct. 24, 2018
Digital Multimeter Fluke	87-III	70360742	Jul. 01, 2016	Jun. 30, 2017
Signal Generator Agilent	N5182B	MY53050430	Oct. 19, 2016	Oct. 18, 2017

- Note: 1. The calibration interval of the above test instruments is 12 / 24 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. The test was performed in HwaYa Chamber 10.
3. The horn antenna and preamplifier (model: EMC 184045) are used only for the measurement of emission frequency above 1 GHz if tested.
4. The FCC Site Registration No. is 690701.
5. The IC Site Registration No. is IC7450F-10.

3 General Information

3.1 General Description of EUT

Product	Blood Glucose /Multi-Functional Monitoring System	
Brand	URight, FORA, ActiveCare	
Test Model	TD-4121C 、TD-4121X, TD-4122X(X=0~9,A~Z and blank for different product exterior color, logo and market) 、GD84 、Gtel All model are Same as TD-4121C , only for different product exterior color, logo and market	
Status of EUT	Identical Prototype	
Power Supply Rating	5.0 Vdc (adapter or host equipment) 3.7 Vdc (Li-ion battery)	
Modulation Type	GSM/GPRS	GMSK
	EDGE	GMSK, 8PSK
	WCDMA	BPSK
Frequency Range	GSM/GPRS/EDGE	824.2 ~ 848.8 MHz
	WCDMA	826.4 ~ 846.6 MHz
Max. ERP Power	GSM/GPRS	552.08 mW
	EDGE	140.93 mW
	WCDMA	76.21 mW
Antenna Type	Fixed Internal Antenna	
Accessory Device	Refer to Note as below	
Data Cable Supplied	Refer to Note as below	

Note:

1. The EUT contains following accessory devices.

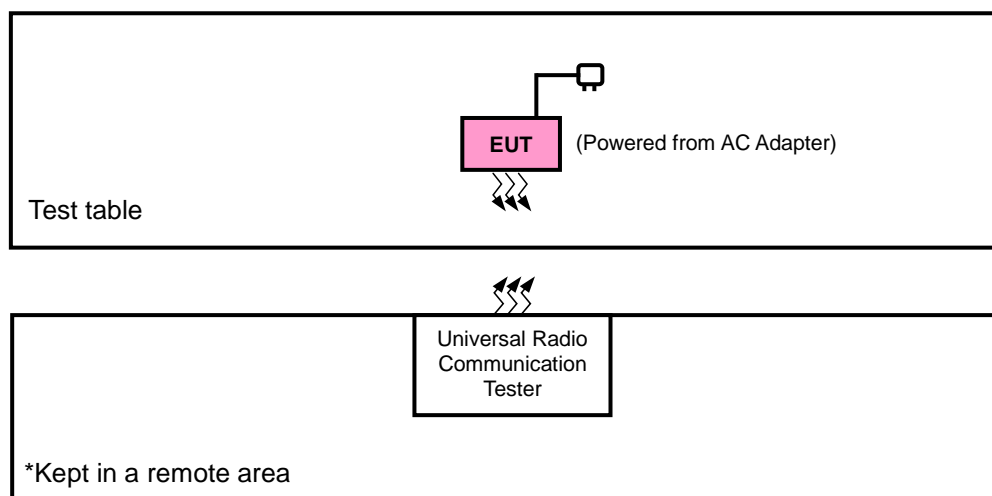
Product	Brand	Model	Description
Adapter (EU Plug)	MEAN WELL	GSM06E05-TD	I/P: 100-240 Vac, 50/60 Hz, 0.18-0.09 A O/P: 5 Vdc, 1.2 A 1.3 m non-shielded cable w/o core
Adapter (FCC Plug)	MEAN WELL	GSM06U05-TD	I/P: 100-240 Vac, 50/60 Hz, 0.18-0.09 A O/P: 5 Vdc, 1.2 A 1.3 m non-shielded cable w/o core
Battery	SHENZHEN HYB BATTERY CO., LTD	D032-05-8023	3.7Vdc, 700mAh
USB Cable	CHEE CHEN HI Technology co.,LTD	YD-04579	0.6m shielded cable w/o core

*The adapters have same design and specification which are only different in Plug. So, only 2 adapters were applied for test.

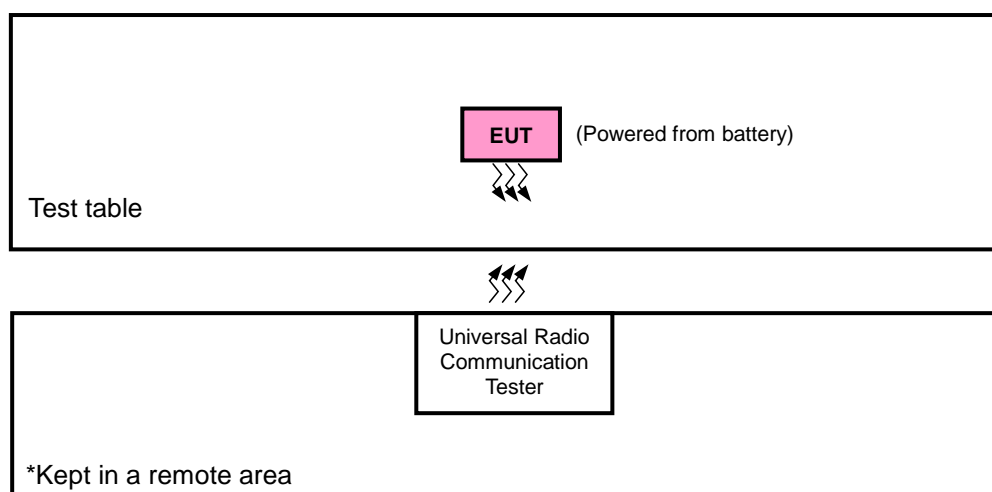
2. The above EUT information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications or user's manual.

3.2 Configuration of System under Test

<Radiated Emission Test>



<E.R.P. Test>



3.2.1 Description of Support Units

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

No.	Product	Brand	Model No.	Serial No.	FCC ID
1.	Universal Radio Communication Tester	R&S	CMU200	123295	NA

No.	Signal Cable Description Of The Above Support Units
1.	N/A

Note:

1. All power cords of the above support units are non-shielded (1.8m).
2. Items 1 acted as communication partners to transfer data.

3.3 Test Mode Applicability and Tested Channel Detail

Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates, XYZ axis, and antenna ports.

The worst case was found when positioned as the table below. Following channel(s) was (were) selected for the final test as listed below:

Band	ERP	Radiated Emission
GSM	Y-plane	X-axis
EDGE	Y-plane	X-axis
WCDMA	Y-plane	X-axis

GSM

EUT Configure Mode	Test Item	Available Channel	Tested Channel	Mode
-	ERP	128 to 251	128, 189, 251	GSM, EDGE
-	Radiated Emission	128 to 251	128, 189, 251	GSM, EDGE

WCDMA

EUT Configure Mode	Test Item	Available Channel	Tested Channel	Mode
-	ERP	4132 to 4233	4132, 4182, 4233	WCDMA
-	Radiated Emission	4132 to 4233	4132, 4182, 4233	WCDMA

Test Condition:

Test Item	Environmental Conditions	Input Power	Tested By
ERP	25 deg. C, 65 % RH	120 Vac, 60 Hz	Gavin Wu
Radiated Emission	25 deg. C, 65 % RH	120 Vac, 60 Hz	Gavin Wu

3.4 EUT Operating Conditions

The EUT makes a call to the communication simulator. The communication simulator station system controlled a EUT to export maximum output power under transmission mode and specific channel frequency.

3.5 General Description of Applied Standards

The EUT is a RF Product. According to the specifications of the manufacturer, it must comply with the requirements of the following standards:

FCC 47 CFR Part 2

FCC 47 CFR Part 22

KDB 971168 D01 Power Meas License Digital Systems v02r02

ANSI/TIA/EIA-603-D 2010

Note: All test items have been performed and recorded as per the above standards.

4 Test Types and Results

4.1 Output Power Measurement

4.1.1 Limits of Output Power Measurement

Mobile / Portable station are limited to 7 watts e.r.p.

4.1.2 Test Procedures

EIRP / ERP Measurement:

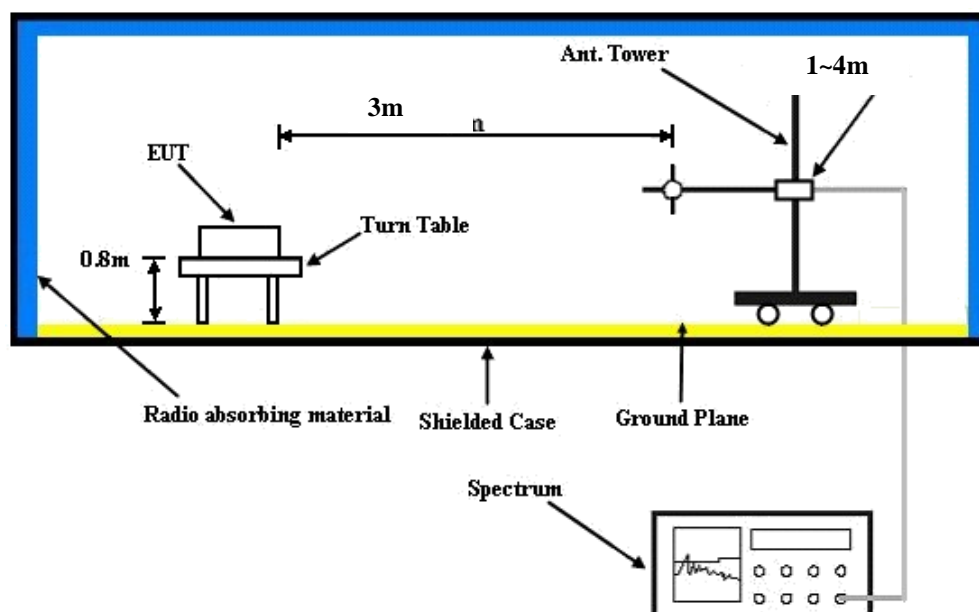
- a. All measurements were done at low, middle and high operational frequency range. RBW and VBW is 1 MHz for GSM, GPRS & EDGE, and 5 MHz for WCDMA and CDMA, and 10 MHz for LTE mode.
- b. Substitution method is used for E.I.R.P measurement. In the semi-anechoic chamber, EUT placed on the 0.8 m height 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 from E.I.R.P power by subtracting the gain of dipole, $E.R.P \text{ power} = E.I.P.R \text{ power} - 2.15 \text{ dBi}$.

Conducted Power Measurement:

The EUT was set up for the maximum power with GSM, GPRS, EDGE, WCDMA, CDMA, and LTE 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.

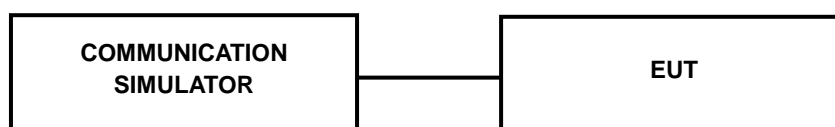
4.1.3 Test Setup

EIRP / ERP Measurement:



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

Conducted Power Measurement:



4.1.4 Test Results

ERP Power (dBm)

GSM							
Plane	Channel	Frequency (MHz)	LVL (dBm)	Correction Factor (dB)	ERP (dBm)	ERP (mW)	Polarization (H/V)
Y	128	824.2	-3.12	32.62	27.35	543.25	H
	189	836.4	-2.95	32.52	27.42	552.08	
	251	848.8	-3.26	32.65	27.24	529.66	
	128	824.2	-10.95	32.76	19.66	92.47	V
	189	836.4	-10.43	32.39	19.81	95.72	
	251	848.8	-10.88	32.54	19.51	89.33	

EDGE							
Plane	Channel	Frequency (MHz)	LVL (dBm)	Correction Factor (dB)	ERP (dBm)	ERP (mW)	Polarization (H/V)
Y	128	824.2	-9.12	32.62	21.35	136.46	H
	189	836.4	-8.88	32.52	21.49	140.93	
	251	848.8	-9.32	32.65	21.18	131.22	
	128	824.2	-17.55	32.76	13.06	20.23	V
	189	836.4	-16.87	32.39	13.37	21.73	
	251	848.8	-17.35	32.54	13.04	20.14	

WCDMA							
Plane	Channel	Frequency (MHz)	LVL (dBm)	Correction Factor (dB)	ERP (dBm)	ERP (mW)	Polarization (H/V)
Y	4132	826.4	-11.89	32.62	18.58	72.11	H
	4182	836.4	-11.55	32.52	18.82	76.21	
	4233	846.6	-12.03	32.65	18.47	70.31	
	4132	826.4	-20.88	32.76	9.73	9.40	V
	4182	836.4	-20.30	32.39	9.94	9.86	
	4233	846.6	-20.78	32.54	9.61	9.14	

4.2 Radiated Emission Measurement

4.2.1 Limits of Radiated Emission Measurement

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. The emission limit is equal to -13 dBm.

4.2.2 Test Procedure

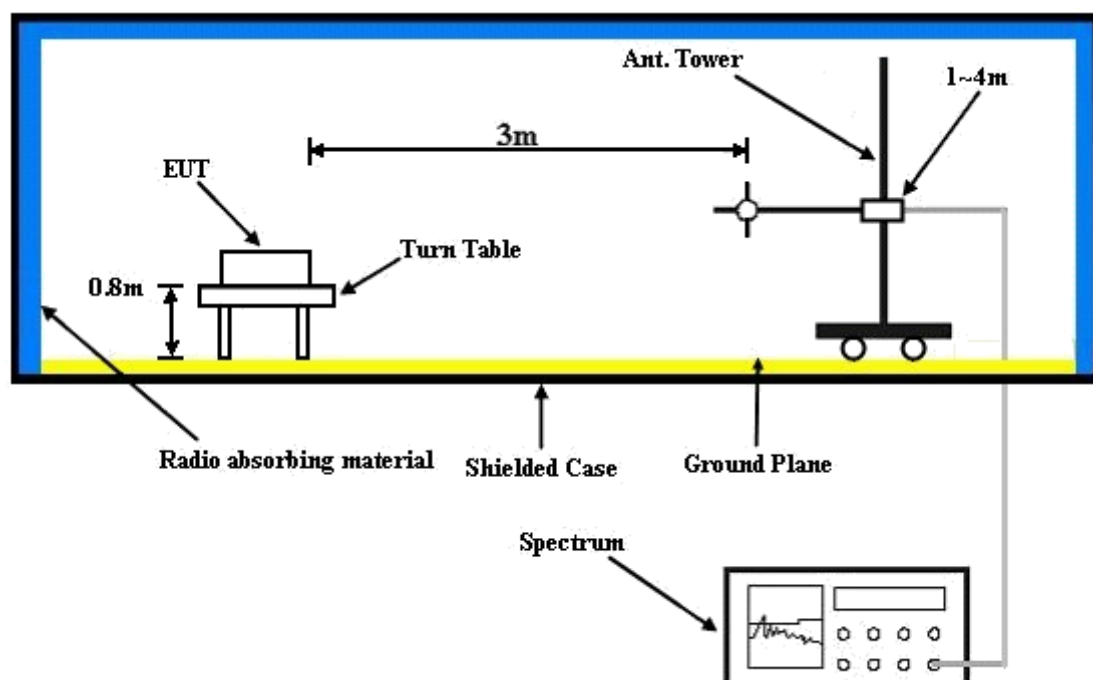
- Substitution method is used for E.I.R.P measurement. In the semi-anechoic chamber, EUT placed on the 0.8 m height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1 m to 4 m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
- 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
- $EIRP = \text{Output power level of S.G} - \text{TX cable loss} + \text{Antenna gain of substitution horn}.$
- E.R.P power can be calculated form E.I.R.P power by subtracting the gain of dipole, $E.R.P \text{ power} = E.I.P.R \text{ power} - 2.15 \text{ dBi}.$

NOTE: The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1 MHz/3 MHz.

4.2.3 Deviation from Test Standard

No deviation.

4.2.4 Test Setup



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

4.2.5 Test Results

GSM:

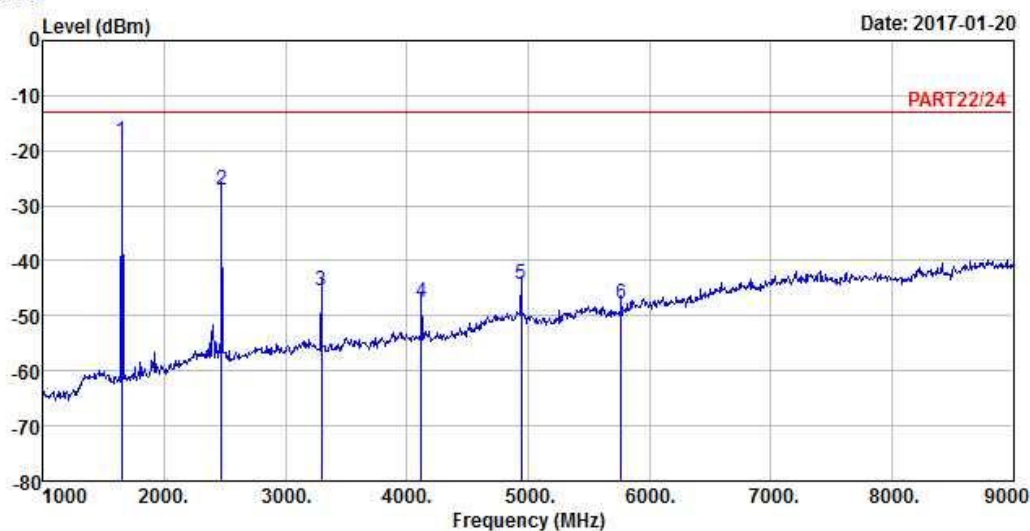
Low Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 Chamber 5

Condition: PART22/24 HORIZONTAL

Remak : GSM 850_L-CH

Tested by: Getaz Yang

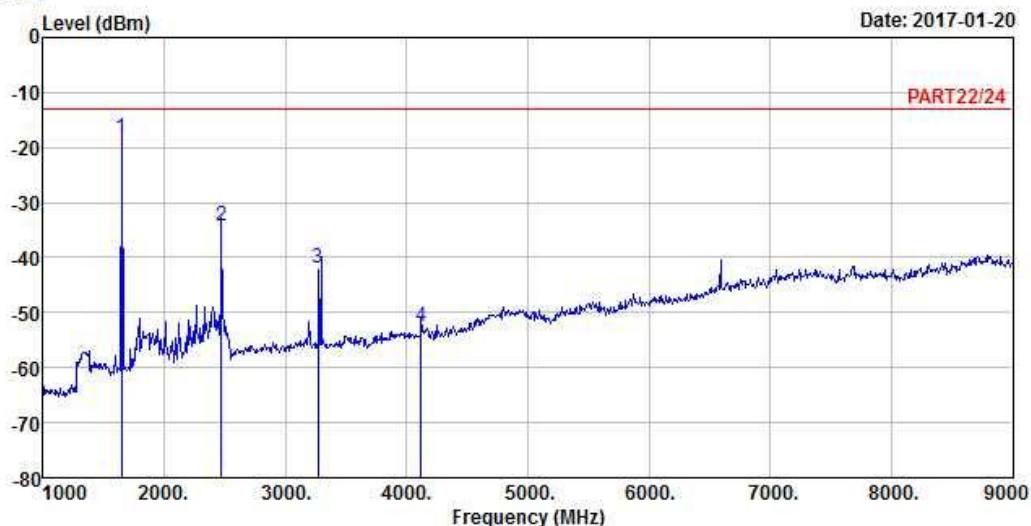
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1 pp	1648.40	-18.21	-3.48	-13.00	-5.21	-14.73	Peak
2	2472.60	-27.07	-16.63	-13.00	-14.07	-10.44	Peak
3	3296.80	-45.50	-36.04	-13.00	-32.50	-9.46	Peak
4	4121.00	-47.56	-40.66	-13.00	-34.56	-6.90	Peak
5	4945.20	-44.32	-41.75	-13.00	-31.32	-2.57	Peak
6	5769.40	-47.88	-46.68	-13.00	-34.88	-1.20	Peak



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A D T

Data: 4



Site : 966 Chamber 5
Condition: PART22/24 VERTICAL
Remak : GSM 850_L-CH
Tested by: Getaz Yang

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1 pp	1648.40	-18.16	-3.43	-13.00	-5.16	-14.73	Peak
2	2472.60	-34.28	-23.84	-13.00	-21.28	-10.44	Peak
3	3269.80	-41.94	-32.57	-13.00	-28.94	-9.37	Peak
4	4121.00	-52.63	-45.73	-13.00	-39.63	-6.90	Peak

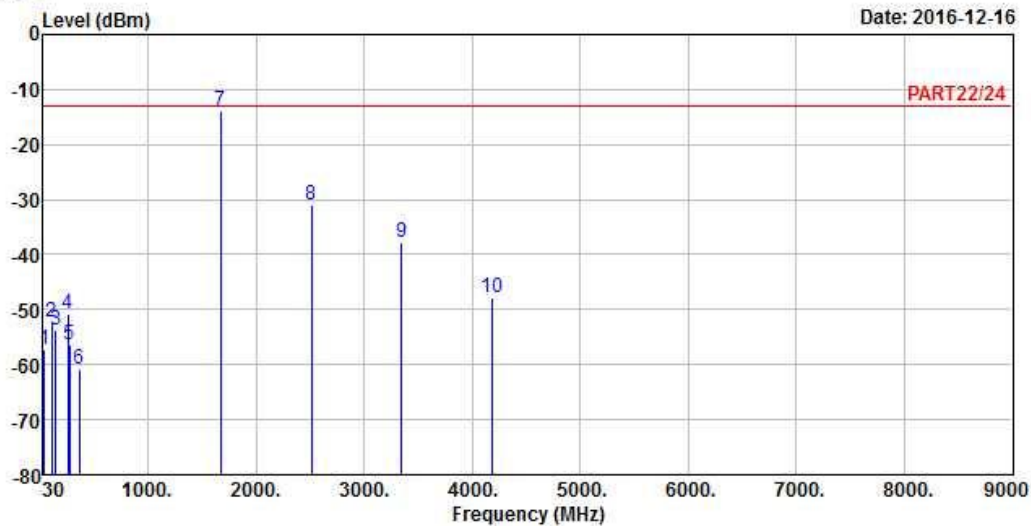
Middle Channel



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A D T

Data: 5



Site : 966 Chamber 5
 Condition: PART22/24 HORIZONTAL
 Remak : GSM 850_M-CH
 Tested by: Gavin Wu

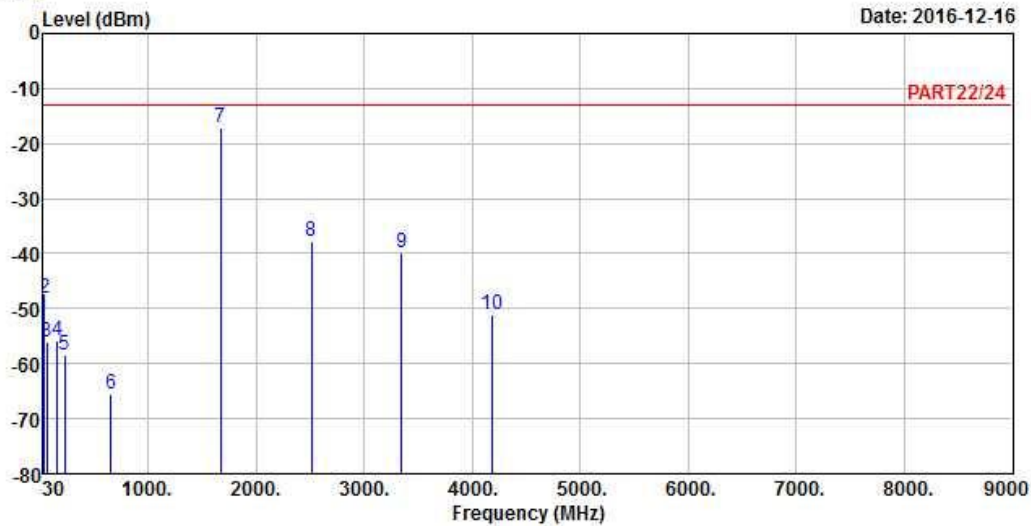
	Freq	Level	Read	Limit	Over		
	MHz	dBm	Level	Line	Limit	Factor	Remark
			dBm	dBm	dB	dB	
1	40.67	-57.39	-57.51	-13.00	-44.39	0.12	Peak
2	106.63	-52.16	-41.76	-13.00	-39.16	-10.40	Peak
3	143.49	-53.59	-45.33	-13.00	-40.59	-8.26	Peak
4	256.98	-50.72	-44.59	-13.00	-37.72	-6.13	Peak
5	273.47	-56.42	-49.95	-13.00	-43.42	-6.47	Peak
6	360.77	-60.75	-54.57	-13.00	-47.75	-6.18	Peak
7 pp	1672.80	-14.02	0.66	-13.00	-1.02	-14.68	Peak
8	2509.20	-30.90	-19.99	-13.00	-17.90	-10.91	Peak
9	3345.60	-37.88	-28.34	-13.00	-24.88	-9.54	Peak
10	4182.00	-47.77	-41.15	-13.00	-34.77	-6.62	Peak



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A D T

Data: 6



Site : 966 Chamber 5
Condition: PART22/24 VERTICAL
Remak : GSM 850_M-CH
Tested by: Gavin Wu

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	30.00	-51.14	-51.52	-13.00	-38.14	0.38	Peak
2	39.70	-48.26	-48.90	-13.00	-35.26	0.64	Peak
3	61.04	-56.09	-48.35	-13.00	-43.09	-7.74	Peak
4	159.98	-55.89	-51.05	-13.00	-42.89	-4.84	Peak
5	229.82	-58.52	-51.71	-13.00	-45.52	-6.81	Peak
6	654.68	-65.68	-64.87	-13.00	-52.68	-0.81	Peak
7 pp	1672.80	-17.04	-2.36	-13.00	-4.04	-14.68	Peak
8	2509.20	-37.65	-26.74	-13.00	-24.65	-10.91	Peak
9	3345.60	-39.80	-30.26	-13.00	-26.80	-9.54	Peak
10	4182.00	-51.15	-44.53	-13.00	-38.15	-6.62	Peak

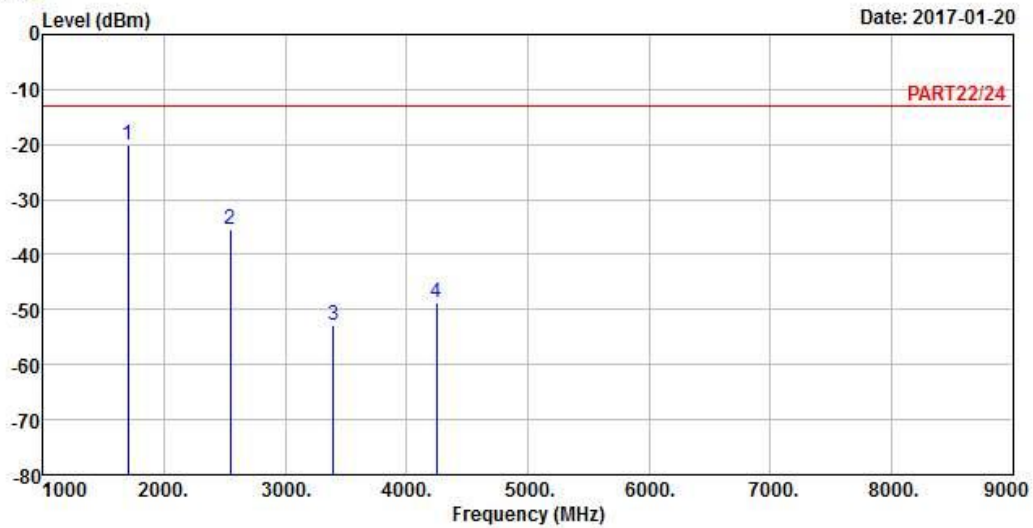
High Channel



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A D T

Data: 3



Site : 966 Chamber 5

Condition: PART22/24 HORIZONTAL

Remak : GSM 850_H-CH

Tested by: Getaz Yang

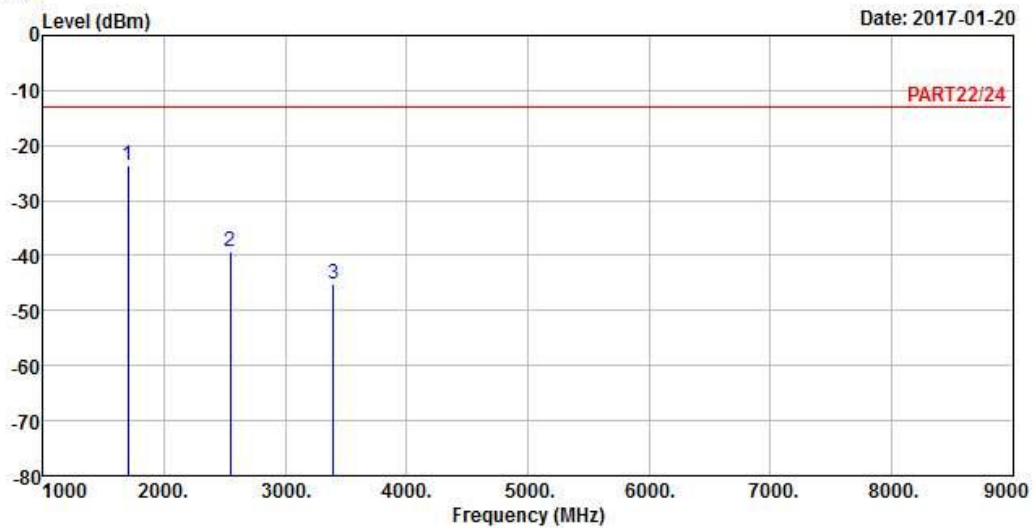
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1 pp	1697.60	-20.19	-5.66	-13.00	-7.19	-14.53	Peak
2	2546.40	-35.36	-24.59	-13.00	-22.36	-10.77	Peak
3	3395.20	-52.71	-43.44	-13.00	-39.71	-9.27	Peak
4	4244.00	-48.67	-41.85	-13.00	-35.67	-6.82	Peak



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4



Site : 966 Chamber 5

Condition: PART22/24 VERTICAL

Remak : GSM 850_H-CH

Tested by: Getaz Yang

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1 pp	1697.60	-23.51	-8.98	-13.00	-10.51	-14.53	Peak
2	2546.40	-39.14	-28.37	-13.00	-26.14	-10.77	Peak
3	3395.20	-45.24	-35.97	-13.00	-32.24	-9.27	Peak

EDGE:
Low Channel

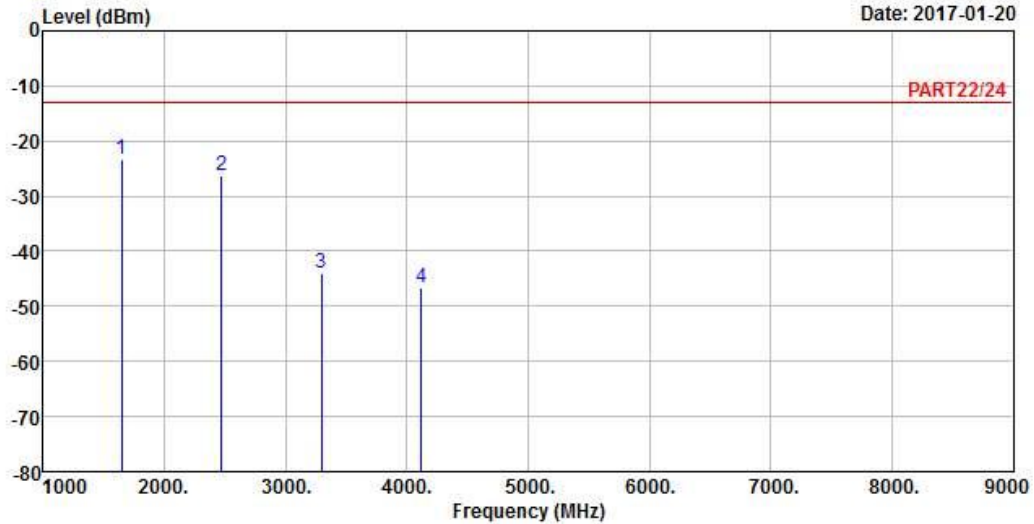


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3

Date: 2017-01-20



Site : 966 Chamber 5
Condition: PART22/24 HORIZONTAL
Remak : EDGE 850_L-CH
Tested by: Getaz Yang

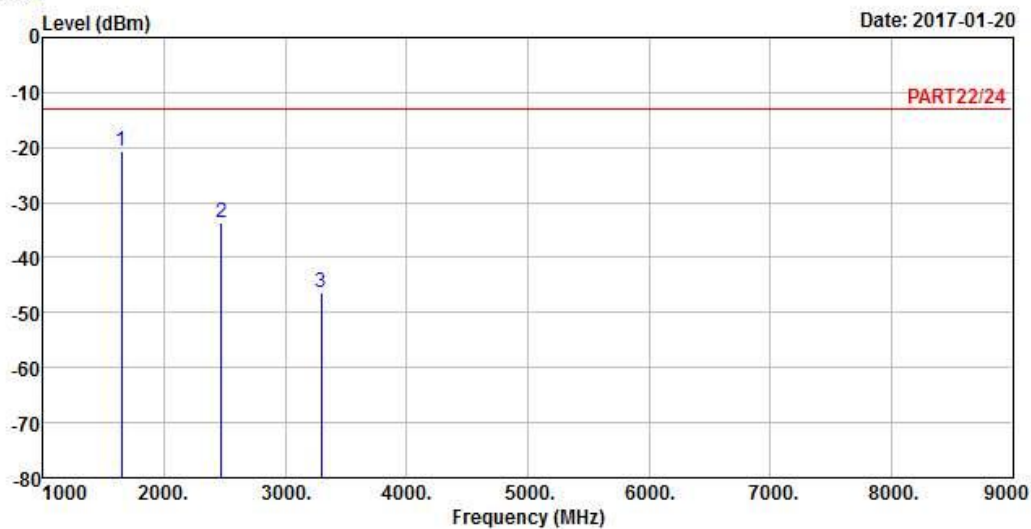
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1 pp	1648.40	-23.31	-8.58	-13.00	-10.31	-14.73	Peak
2	2472.60	-26.27	-15.83	-13.00	-13.27	-10.44	Peak
3	3296.80	-43.85	-34.39	-13.00	-30.85	-9.46	Peak
4	4121.00	-46.78	-39.88	-13.00	-33.78	-6.90	Peak



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4



Site : 966 Chamber 5
Condition: PART22/24 VERTICAL
Remak : EDGE 850_L-CH
Tested by: Getaz Yang

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1 pp	1648.40	-20.68	-5.95	-13.00	-7.68	-14.73	Peak
2	2472.60	-33.52	-23.08	-13.00	-20.52	-10.44	Peak
3	3296.80	-46.41	-36.95	-13.00	-33.41	-9.46	Peak

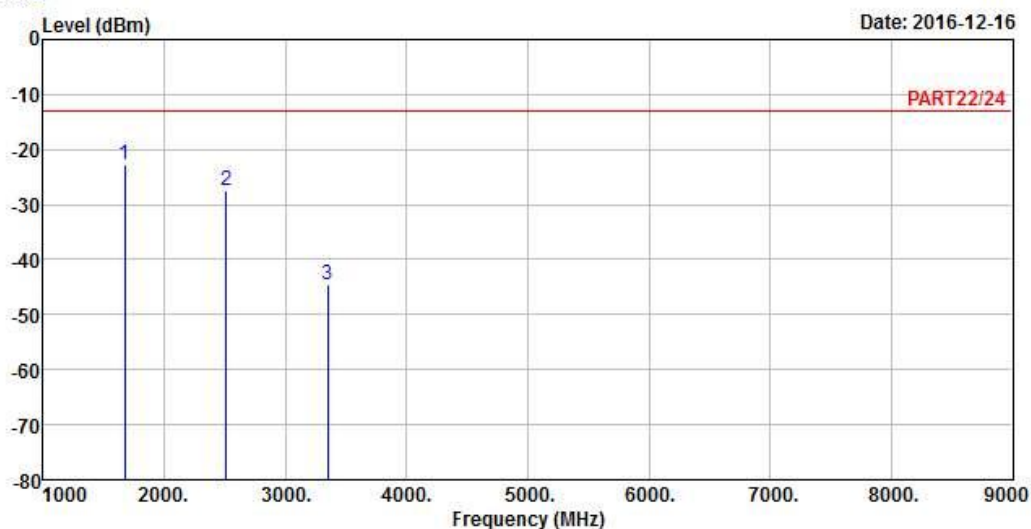
Middle Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 Chamber 5
 Condition: PART22/24 HORIZONTAL
 Remak : EDGE 850_M-CH
 Tested by: Gavin Wu

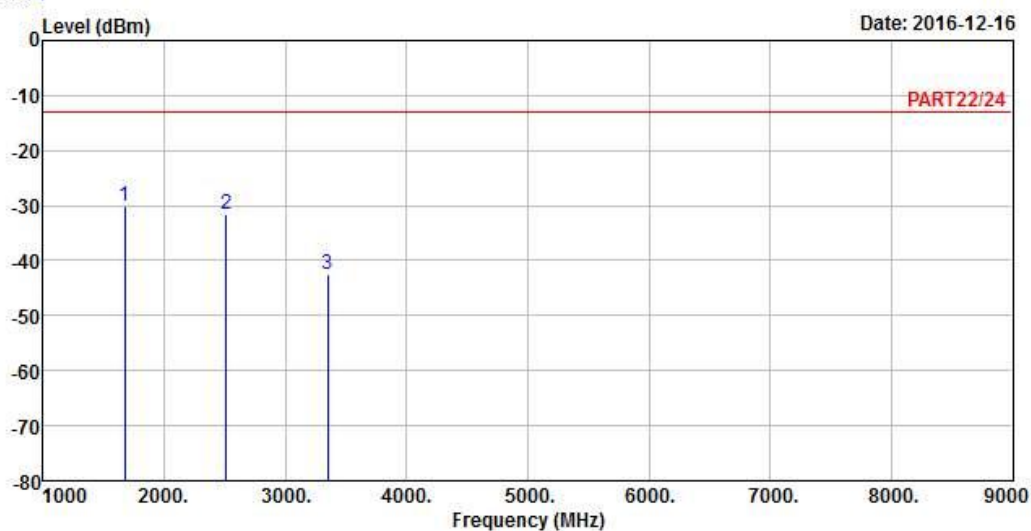
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	MHz	dBm	dBm	dBm	dB	dB	
1 pp	1672.80	-22.65	-7.97	-13.00	-9.65	-14.68	Peak
2	2509.20	-27.47	-16.56	-13.00	-14.47	-10.91	Peak
3	3345.60	-44.61	-35.07	-13.00	-31.61	-9.54	Peak



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4



Site : 966 Chamber 5
 Condition: PART22/24 VERTICAL
 Remak : EDGE 850_M-CH
 Tested by: Gavin Wu

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1 pp	1672.80	-30.09	-15.41	-13.00	-17.09	-14.68	Peak
2	2509.20	-31.72	-20.81	-13.00	-18.72	-10.91	Peak
3	3345.60	-42.41	-32.87	-13.00	-29.41	-9.54	Peak

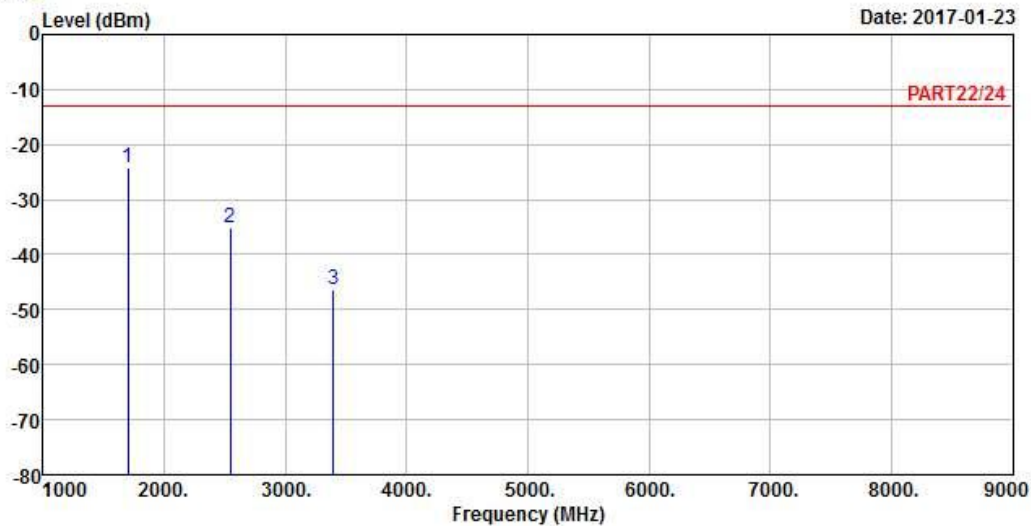
High Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 Chamber 5
 Condition: PART22/24 HORIZONTAL
 Remak : EDGE 850_H-CH
 Tested by: Getaz Yang

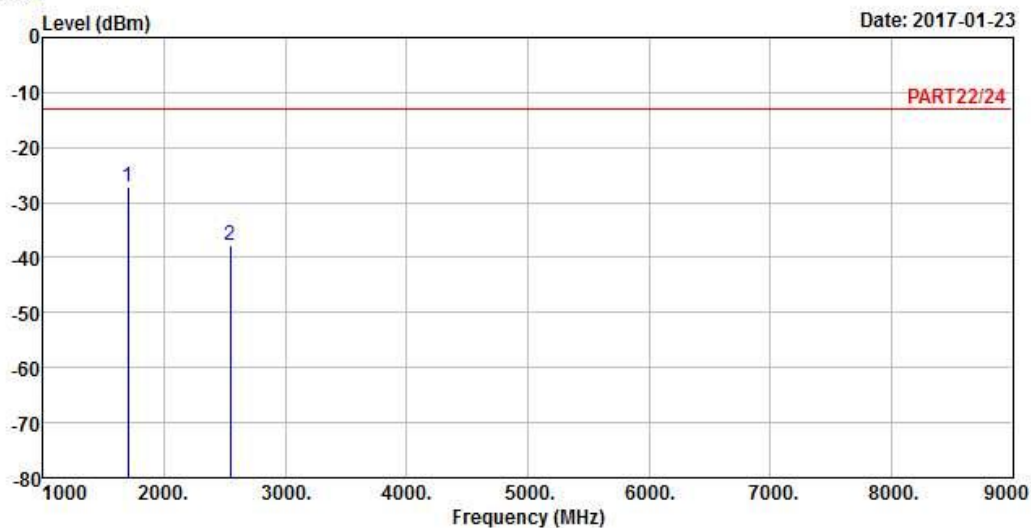
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1 pp	1697.60	-24.33	-9.80	-13.00	-11.33	-14.53	Peak
2	2546.40	-35.11	-24.34	-13.00	-22.11	-10.77	Peak
3	3395.20	-46.34	-37.07	-13.00	-33.34	-9.27	Peak



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4



Site : 966 Chamber 5
 Condition: PART22/24 VERTICAL
 Remak : EDGE 850_H-CH
 Tested by: Getaz Yang

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1 pp	1697.60	-27.16	-12.63	-13.00	-14.16	-14.53	Peak
2	2546.40	-37.70	-26.93	-13.00	-24.70	-10.77	Peak

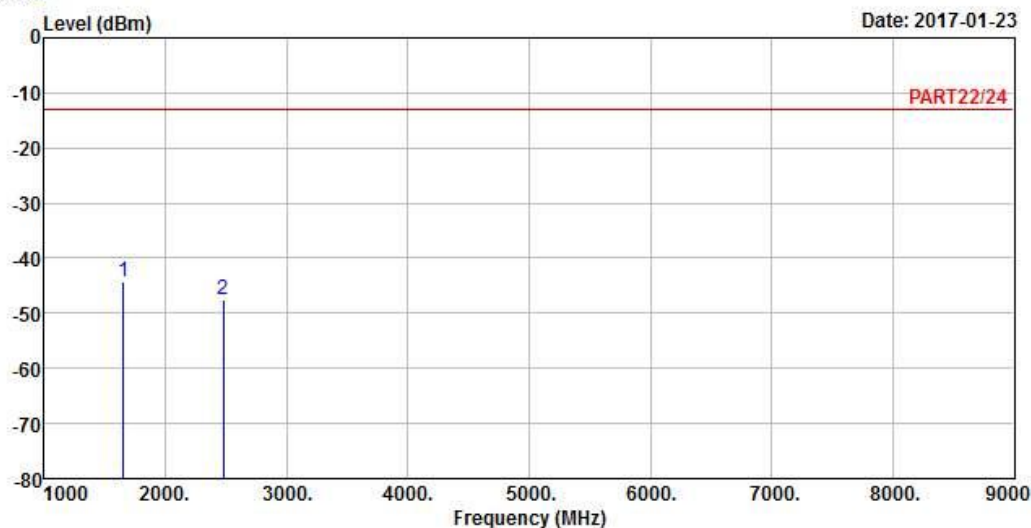
WCDMA:
Low Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 Chamber 5
Condition: PART22/24 HORIZONTAL
Remak : WCDMA Band V_L-CH
Tested by: Gavin Wu

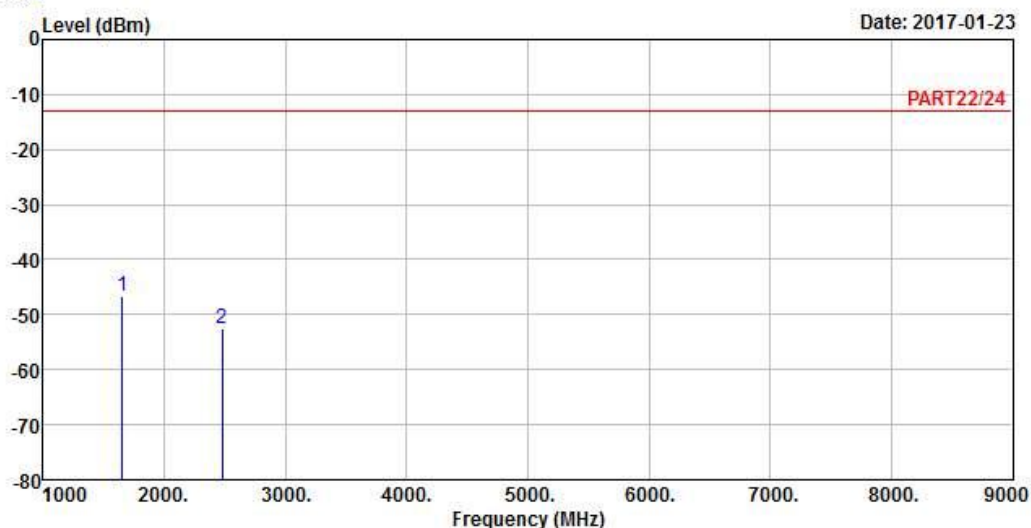
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	MHz	dBm	dBm	dBm	dB	dB	
1 pp	1652.80	-44.36	-29.63	-13.00	-31.36	-14.73	Peak
2	2479.20	-47.56	-37.12	-13.00	-34.56	-10.44	Peak



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4



Site : 966 Chamber 5
Condition: PART22/24 VERTICAL
Remak : WCDMA Band V_L-CH
Tested by: Gavin Wu

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1 pp	1652.80	-46.66	-31.93	-13.00	-33.66	-14.73	Peak
2	2479.20	-52.69	-42.25	-13.00	-39.69	-10.44	Peak

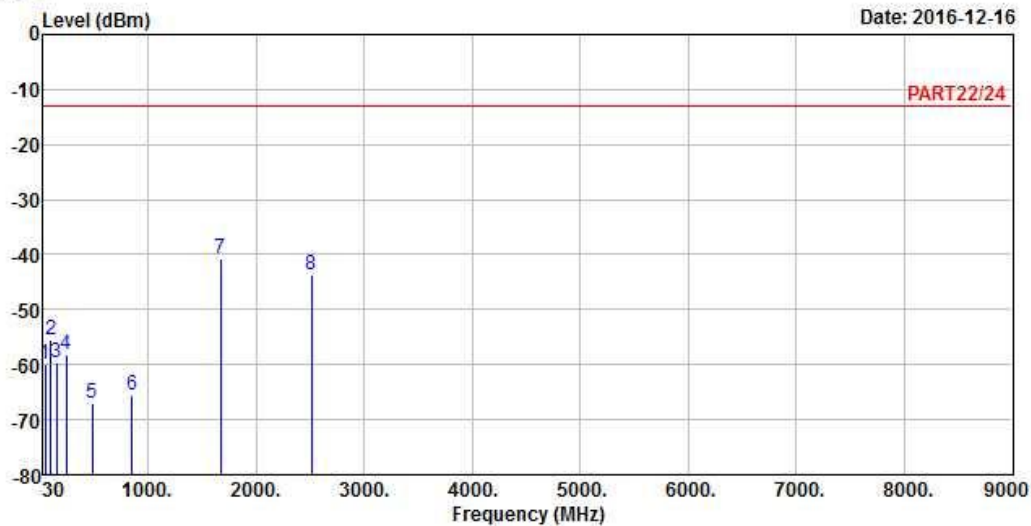
Middle Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 5



Site : 966 Chamber 5
 Condition: PART22/24 HORIZONTAL
 Remak : WCDMA Band V_M-CH
 Tested by: Gavin Wu

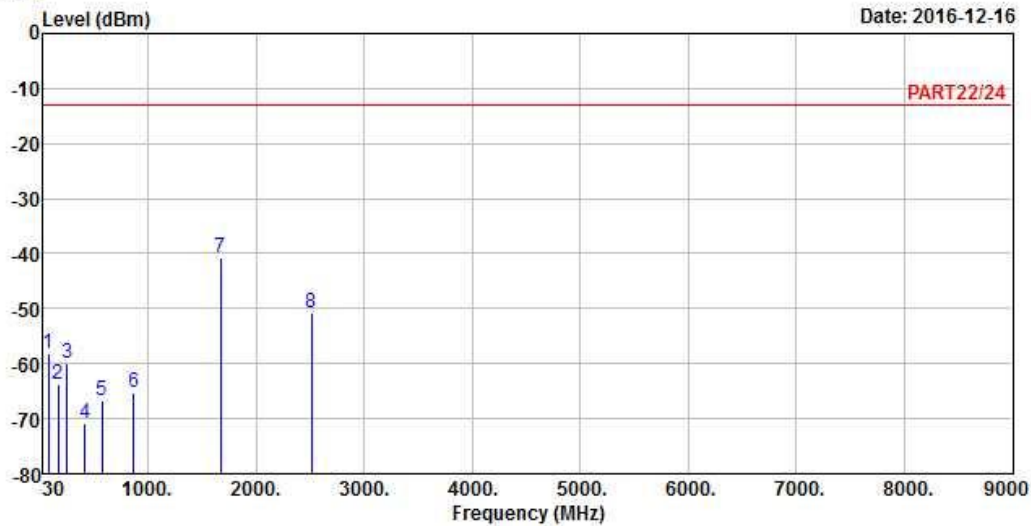
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	47.46	-59.91	-56.41	-13.00	-46.91	-3.50	Peak
2	101.78	-55.44	-44.92	-13.00	-42.44	-10.52	Peak
3	152.22	-59.68	-52.65	-13.00	-46.68	-7.03	Peak
4	243.40	-58.19	-51.92	-13.00	-45.19	-6.27	Peak
5	481.05	-66.97	-62.00	-13.00	-53.97	-4.97	Peak
6	852.56	-65.44	-65.75	-13.00	-52.44	0.31	Peak
7 pp	1672.80	-40.72	-26.04	-13.00	-27.72	-14.68	Peak
8	2509.20	-43.58	-32.67	-13.00	-30.58	-10.91	Peak



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 6



Site : 966 Chamber 5
Condition: PART22/24 VERTICAL
Remak : WCDMA Band V_M-CH
Tested by: Gavin Wu

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	74.62	-58.30	-48.77	-13.00	-45.30	-9.53	Peak
2	166.77	-63.72	-58.40	-13.00	-50.72	-5.32	Peak
3	251.16	-59.83	-53.82	-13.00	-46.83	-6.01	Peak
4	418.00	-70.83	-65.03	-13.00	-57.83	-5.80	Peak
5	573.20	-66.71	-64.83	-13.00	-53.71	-1.88	Peak
6	869.05	-65.24	-65.64	-13.00	-52.24	0.40	Peak
7 pp	1672.80	-40.86	-26.18	-13.00	-27.86	-14.68	Peak
8	2509.20	-50.79	-39.88	-13.00	-37.79	-10.91	Peak

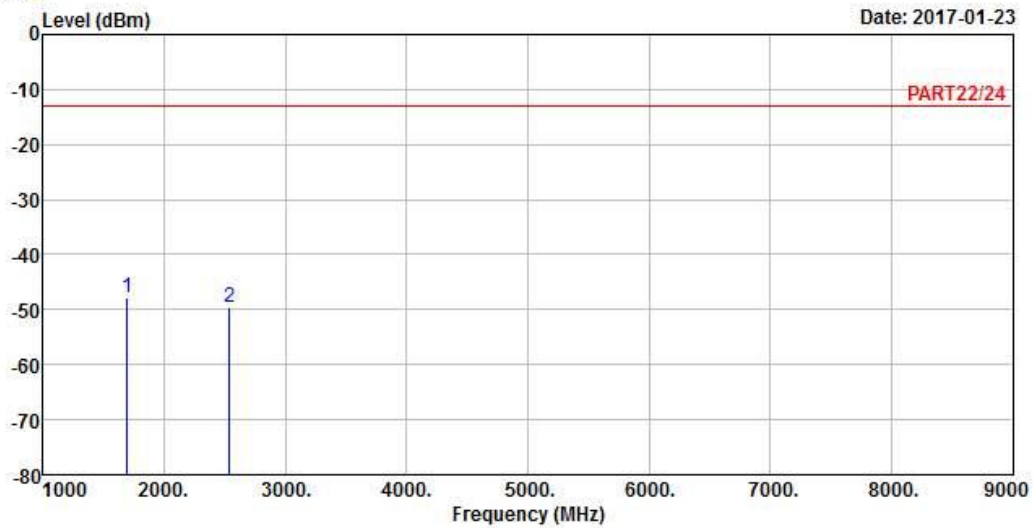
High Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 Chamber 5
Condition: PART22/24 HORIZONTAL
Remak : WCDMA Band V_H-CH
Tested by: Gavin Wu

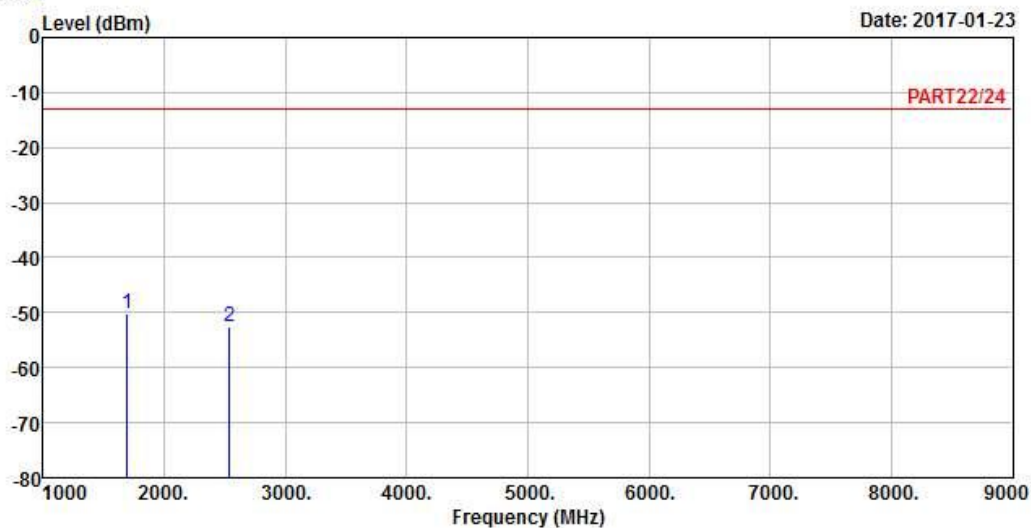
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1 pp	1693.20	-47.87	-33.34	-13.00	-34.87	-14.53	Peak
2	2539.80	-49.48	-38.71	-13.00	-36.48	-10.77	Peak



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4



Site : 966 Chamber 5
 Condition: PART22/24 VERTICAL
 Remak : WCDMA Band V_H-CH
 Tested by: Gavin Wu

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1 pp	1693.20	-50.05	-35.52	-13.00	-37.05	-14.53	Peak
2	2539.80	-52.63	-41.86	-13.00	-39.63	-10.77	Peak

5 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo).

Appendix – Information on the Testing Laboratories

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

If you have any comments, please feel free to contact us at the following:

Linko EMC/RF Lab

Tel: 886-2-26052180

Fax: 886-2-26051924

Hsin Chu EMC/RF/Telecom Lab

Tel: 886-3-6668565

Fax: 886-3-6668323

Hwa Ya EMC/RF/Safety

Tel: 886-3-3183232

Fax: 886-3-3270892

Email: service.adt@tw.bureauveritas.com

Web Site: www.bureauveritas-adt.com

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

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