Microtest
微测检测

Test Report

FCC ID: 2ANVD-RVM740SM

Date of issue: Jul. 02, 2017

Report Number:	MTi170907E018
Sample Description:	Smart Mirror
Model(s):	RVM740SM
Applicant:	Coagent Global Limited
Address:	1/F, 94 Wellington Street, Central, Hong Kong
Date of Test:	Jun. 20, 2017 – Jul. 02, 2017

Shenzhen Microtest Co., Ltd.
http://www.mtitest.com

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TEST RESULT CERTIFICATION

Applicant's name ..... :	**Coagent Global Limited**
Address ..... :	1/F, 94 Wellington Street, Central, Hong Kong
Manufacture's Name ..... :	**Guangdong Coagent Global S&T Co., Ltd.**
Address ..... :	Room 501, 5/F(F1), NO.25-8, Section C, Xi'nan Industrial Park, Sanshui Technology Industrail Zone, Foshan City, Guangdong Province, China
Product name ..... :	Smart Mirror
Model and/or type reference :	RVM740SM
Serial Model ..... :	N/A
Standards ..... :	FCC Part 15.247
Test procedure.....	ANSI C63.4-2014 ; **ANSI C63.10-2013**

This device described above has been tested by Shenzhen Toby Technology Co., Ltd. and the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.

Tested by: Demi Mu

Demi Mu Jul. 02, 2017

Reviewed by: Smith Chen

Smith Chen Jul. 02, 2017

Approved by: Tom Xue

Tom Xue Jul. 02, 2017

Table of Contents

Page

1 . SUMMARY OF TEST RESULTS 5
1.1 TEST FACILITY 6
1.2 MEASUREMENT UNCERTAINTY 6
2 . GENERAL INFORMATION 7
2.1 GENERAL DESCRIPTION OF EUT 7
2.2 DESCRIPTION OF TEST MODES 9
2.3 BLOCK DIGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED 10
2.4 DESCRIPTION OF SUPPORT UNITS(CONDUCTED MODE) 11
2.5 EQUIPMENTS LIST FOR ALL TEST ITEMS 12
3 . EMC EMISSION TEST 13
3.1 CONDUCTED EMISSION MEASUREMENT 13
3.1.1 POWER LINE CONDUCTED EMISSION LIMITS 13
3.1.2 TEST PROCEDURE 14
3.1.3 DEVIATION FROM TEST STANDARD 14
3.1.4 TEST SETUP 14
3.1.5 EUT OPERATING CONDITIONS 14
3.1.6 TEST RESULTS 15
3.2 RADIATED EMISSION MEASUREMENT 16
3.2.1 RADIATED EMISSION LIMITS 16
3.2.2 TEST PROCEDURE 16
3.2.3 DEVIATION FROM TEST STANDARD 17
3.2.4 TEST SETUP 18
3.2.5 EUT OPERATING CONDITIONS 19
3.2.6 TEST RESULTS (BETWEEN 9KHZ – 30 MHZ) 20
3.2.7 TEST RESULTS (BETWEEN 30MHZ – 1GHZ) 21
3.2.8 TEST RESULTS (1G-25GHZ) 22
4 . 20 DB OCCUPY BANDWIDTH 27
4.1 APPLIED PROCEDURES / LIMIT 27
4.1.1 TEST PROCEDURE 27
4.1.2 DEVIATION FROM STANDARD 27
4.1.3 TEST SETUP 27
4.1.4 EUT OPERATION CONDITIONS 27
4.1.5 TEST RESULTS 28
5 . CARRIER FREQUENCY SEPARATION TEST 34

Table of Contents

Page

5.1 APPLIED PROCEDURES / LIMIT 34
5.1.1 TEST PROCEDURE 34
5.1.2 DEVIATION FROM STANDARD 34
5.1.3 TEST SETUP 34
5.1.4 EUT OPERATION CONDITIONS 34
5.1.5 TEST RESULTS 35
6 . NUMBER OF HOPPING CHANNEL 37
6.1 APPLIED PROCEDURES / LIMIT 37
6.1.1 TEST PROCEDURE 37
6.1.2 DEVIATION FROM STANDARD 37
6.1.3 TEST SETUP 37
6.1.4 EUT OPERATION CONDITIONS 37
6.1.5 TEST RESULTS 37
7 . DWELL TIME 40
7.1 APPLIED PROCEDURES / LIMIT 40
7.1.1 TEST PROCEDURE 40
7.1.2 DEVIATION FROM STANDARD 40
7.1.3 TEST SETUP 40
7.1.4 EUT OPERATION CONDITIONS 40
7.1.5 TEST RESULTS 40
8 . PEAK OUTPUT POWER TEST 48
8.1 APPLIED PROCEDURES / LIMIT 48
8.1.1 TEST PROCEDURE 48
8.1.2 DEVIATION FROM STANDARD 48
8.1.3 TEST SETUP 48
8.1.4 EUT OPERATION CONDITIONS 48
8.1.5 TEST RESULTS 49
9 . 100 KHZ BANDWIDTH OF FREQUENCY BAND EDGE 50
9.1 DEVIATION FROM STANDARD 50
9.2 TEST SETUP 50
9.3 EUT OPERATION CONDITIONS 50
9.4 TEST RESULTS 51
10 . ANTENNA REQUIREMENT 59
10.1 STANDARD REQUIREMENT 59
10.2 EUT ANTENNA 59

1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

FCC Part (15.247) , Subpart C			
Standard Section	Test Item	Judgment	Remark
15.203/15.247(c)	Antenna Requirement	PASSED	
15.207	Conducted Emission	PASSED	
15.247(b)(1)	Conducted Peak Output Power	PASSED	
15.247(a)(1)	20dB Occupied Bandwidth	PASSED	
15.247(a)(1)	Carrier Frequencies Separation	PASSED	
15.247(a)(1)	Hopping Channel Number	PASSED	
15.247(a)(1)	Dwell Time	PASSED	
15.205/15.209	Spurious Emission	PASSED	
15.247(d)	Band Edge	PASSED	

NOTE:

(1)" N/A" denotes test is not applicable in this Test Report

1.1 TEST FACILITY

Shenzhen Toby Technology Co., Ltd.
Add.: 10/F.,A Block,Jiada R&D Bldg.,No.5 Songpingshan, Road, Science&Technology Park, Shenzhen, 518057
FCC Registration No.:811562

1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement **y** ± **U**，where expended uncertainty **U** is based on a standard uncertainty multiplied by a coverage factor of **k=2**，providing a level of confidence of approximately **95** %。

No.	Item	Uncertainty
1	Conducted Emission Test	±1.38dB
2	RF power,conducted	±0.16dB
3	Spurious emissions,conducted	±0.21dB
4	All emissions,radiated(<1G)	±4.68dB
5	All emissions,radiated(>1G)	±4.89dB
6	Temperature	±0.5°C
7	Humidity	±2%

2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	Smart Mirror
Trade Name	**N/A**
Model Name	RVM740SM
Serial Model	N/A
Model Difference	N/A
Product Description	The EUT is a Smart Mirror Operation Frequency: 2402-2480MHz Modulation Type: GFSK, π/4-DQPSK, 8-DPSK Bit Rate of Transmitter 1,2,3Mbps Number Of Channel 79CH Antenna Designation: Please see Note 3. Antenna Gain (dBi) 0dBi DC IN 12V FROM CAR BATTRY Based on the application, features, or specification exhibited in User's Manual, the EUT is considered as an ITE/Computing Device. More details of EUT technical specification, please refer to the User's Manual.
Channel List	Please refer to the Note 2.
Adapter information:	N/A
Battery	N/A
Connecting I/O Port(s)	Please refer to the User's Manual

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.
2. Channel List

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
00	2402	27	2429	54	2456
01	2403	28	2430	55	2457
02	2404	29	2431	56	2458
03	2405	30	2432	57	2459
04	2406	31	2433	58	2460
05	2407	32	2434	59	2461
06	2408	33	2435	60	2462
07	2409	34	2436	61	2463
08	2410	35	2437	62	2464
09	2411	36	2438	63	2465
10	2412	37	2439	64	2466

11	2413	38	2440	65	2467
12	2414	39	2441	66	2468
13	2415	40	2442	67	2469
14	2416	41	2443	68	2470
15	2417	42	2444	69	2471
16	2418	43	2445	70	2472
17	2419	44	2446	71	2473
18	2420	45	2447	72	2474
19	2421	46	2448	73	2475
20	2422	47	2449	74	2476
21	2423	48	2450	75	2477
22	2424	49	2451	76	2478
23	2425	50	2452	77	2479
24	2426	51	2453	78	2480
25	2427	52	2454		
26	2428	53	2455		
Remark: Channel 0, 39 &78 selected for GFSK, π/4-DQPSK and 8DPSK.					

3. Table for Filed Antenna

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	NOTE
A	N/A	N/A	PCB antenna	/	0	BT Antenna

2.2 DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Pretest Mode	Description
Mode 1	GFSK CH1/CH40/CH79
Mode 2	π/4-DQPSK CH1/CH40/CH79
Mode 3	8-DPSK CH1/CH40/CH79
Mode 4	TX Mode

For Conducted Emission	
Final Test Mode	Description
Mode 4	TX Mode

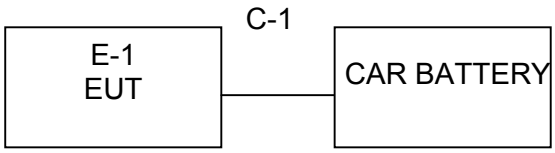
For Radiated Emission	
Final Test Mode	Description
Mode 1	GFSK CH1/CH40/CH79
Mode 2	π/4-DQPSK CH1/CH40/CH79
Mode 3	8-DPSK CH1/CH40/CH79

Note:

(1) The measurements are performed at the highest, middle, lowest available channels.

(2) The measurements are performed at all Bit Rate of Transmitter, the worst data was reported

2.3 BLOCK DIGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



Note: FULL CAR BATTERY IS USED DURING ALL TEST

2.4 DESCRIPTION OF SUPPORT UNITS(CONDUCTED MODE)

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.

Item	Equipment	Brand	Model/Type No.	Series No.	Note
E-1	Smart Mirror	N/A	RVM740SM	N/A	EUT
	/	/	/	/	

Item	Shielded Type	Ferrite Core	Length	Note
C-1	NO	NO	1.0m	
C-2	NO	NO	0.8m	

Note:

(1) The support equipment was authorized by Declaration of Confirmation.

(2) For detachable type I/O cable should be specified the length in cm in『Length』column.

2.5 EQUIPMENTS LIST FOR ALL TEST ITEMS

For RF conducted test:

Equipment	Manufacturer	Model	Serial No.	Calibration Due
Universal Radio Communication Tester	Rohde&schwarz	CMU200	114587	2017/11/4
Spectrum analyzer	Agilent	E4407B	MY41441082	2017/11/4
Dc Power Supply	GW	GPR-6030D	/	2017/11/4
Temperature & Humitidy Chamber	GIANT FORCE	GTH-056P	GF-94454-1	2017/11/14
Broadband TRILOG Antenna	Schwarabeck	VULB9163	9163-872	2017/11/14
Horn Antenna	Schwarzbeck	BBHA 9120 D	9120D-1145	2017/11/14
Amplifier	HP	8447D	3113A06150	2017/11/4
Amplifier	Agilent	8449B	3008A02400	2018/7/4
Test Receiver	Schwarabeck	ESPI7	100314	2017/11/4
Spectrum analyzer	Agilent	E4407B	MY41441082	2017/11/4
Signal Generator	R&S	SMT 06	832080/007	2017/11/4
Broadband TRILOG Antenna	Schwarabeck	VULB9163	9163-872	2017/11/14
Horn Antenna	Schwarzbeck	BBHA 9120 D	9120D-1145	2017/11/14
Amplifier	HP	8447D	3113A06150	2017/11/4
Amplifier	Agilent	8449B	3008A02400	2018/7/4
Test Receiver	Schwarabeck	ESPI	100314	2017/11/4
Spectrum analyzer	Agilent	E4407B	MY41441082	2017/11/4
LISN	R&S	ENV216	1001131	2017/9/25
Test Cable	United Microwave	57793	1m	2017/12/05
Test Cable	United Microwave	A30A30-5006	10m	2017/12/05

Note: the calibration interval of the above test instruments is 12 months and the calibrations are traceable to international system unit (SI).

3. EMC EMISSION TEST

3.1 CONDUCTED EMISSION MEASUREMENT

3.1.1 POWER LINE CONDUCTED EMISSION Limits (Frequency Range 150KHz-30MHz)

FREQUENCY (MHz)	Class A (dBuV)		Class B (dBuV)		Standard
	Quasi-peak	Average	Quasi-peak	Average	
0.15 -0.5	79.00	66.00	66 - 56 *	56 - 46 *	CISPR
0.50 -5.0	73.00	60.00	56.00	46.00	CISPR
5.0 -30.0	73.00	60.00	60.00	50.00	CISPR

0.15 -0.5	79.00	66.00	66 - 56 *	56 - 46 *	FCC
0.50 -5.0	73.00	60.00	56.00	46.00	FCC
5.0 -30.0	73.00	60.00	60.00	50.00	FCC

Note:

(1) The tighter limit applies at the band edges.

(2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

The following table is the setting of the receiver

Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

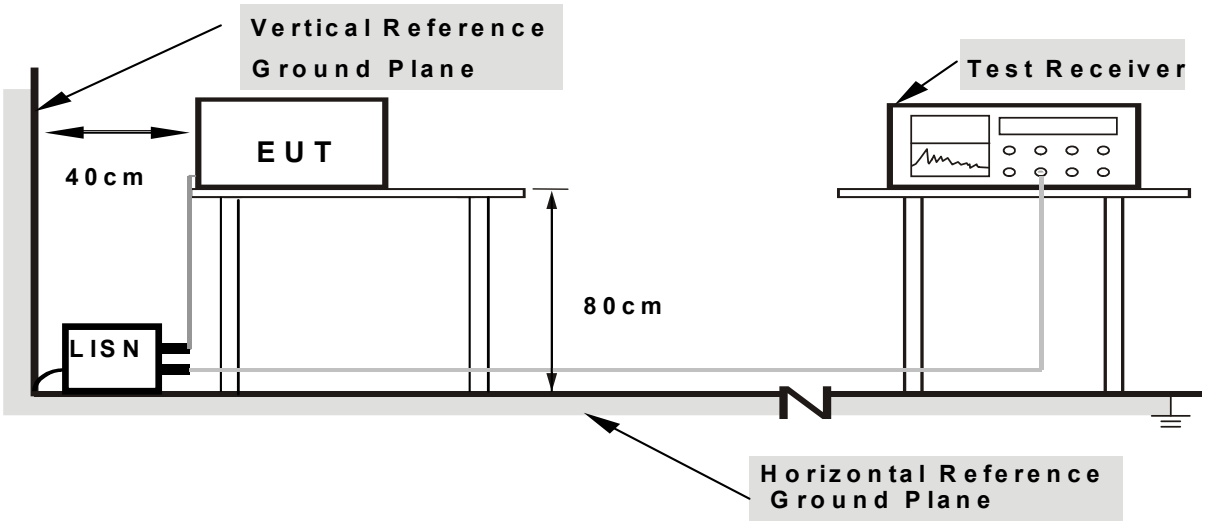
3.1.2 TEST PROCEDURE

a. The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
d. LISN at least 80 cm from nearest part of EUT chassis.
e. For the actual test configuration, please refer to the related Item –EUT Test Photos.

3.1.3 DEVIATION FROM TEST STANDARD

No deviation

3.1.4 TEST SETUP



Note: 1.Support units were connected to second LISN.
2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 from other units and other metal planes

3.1.5 EUT OPERATING CONDITIONS

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.

3.1.6 TEST RESULTS

EUT：	Smart Mirror	Model Name. ：	RVM740SM
Temperature：	26 ℃	Relative Humidity：	54%
Pressure：	1010hPa	Phase：	N/A
Test Voltage ：	N/A	Test Mode：	N/A

3.2 RADIATED EMISSION MEASUREMENT

3.2.1 RADIATED EMISSION LIMITS (Frequency Range 9kHz-1000MHz)

20dBc in any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

Frequencies (MHz)	Field Strength (micorvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic
RB / VB (emission in restricted band)	1 MHz / 1 MHz for Peak, 1 MHz / 10Hz PK detector for Average

Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9kHz~150kHz / RB 200Hz for QP
Start ~ Stop Frequency	150kHz~30MHz / RB 9kHz for QP
Start ~ Stop Frequency	30MHz~1000MHz / RB 120kHz for QP

3.2.2 TEST PROCEDURE

a. The measuring distance of at 3 m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter open area test site. The table was rotated 360 degrees to determine the position of the highest radiation.
c. The height of the equipment or of the substitution antenna shall be 0.8 m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
d. The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
e. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.

f. For the actual test configuration, please refer to the related Item –EUT Test Photos.

Note:

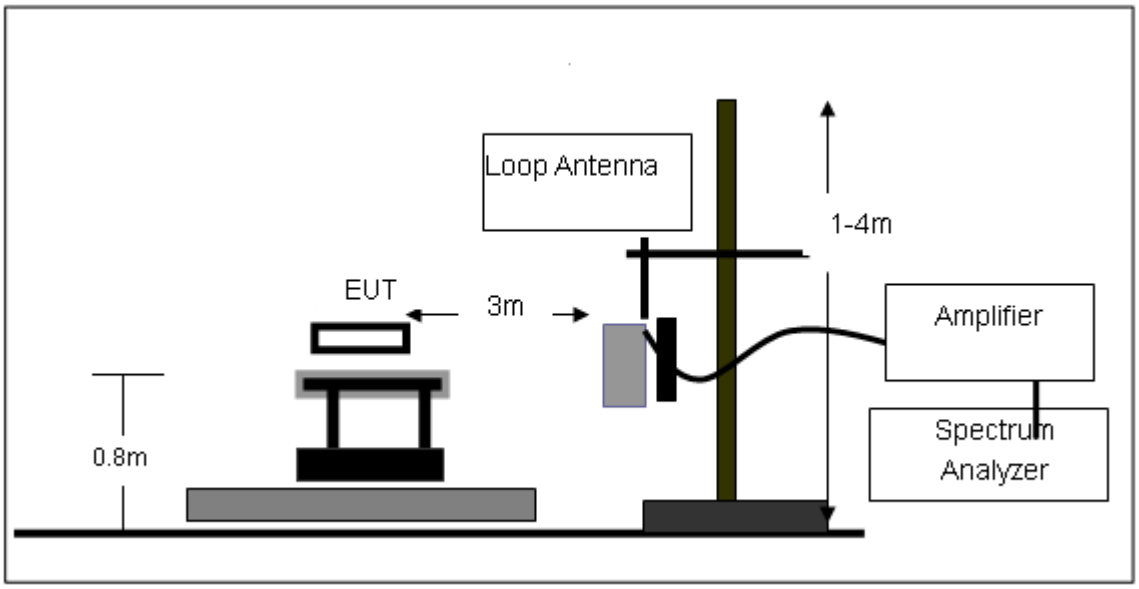
Both horizontal and vertical antenna polarities were tested
and performed pretest to three orthogonal axis. The worst case emissions were reported

3.2.3 DEVIATION FROM TEST STANDARD

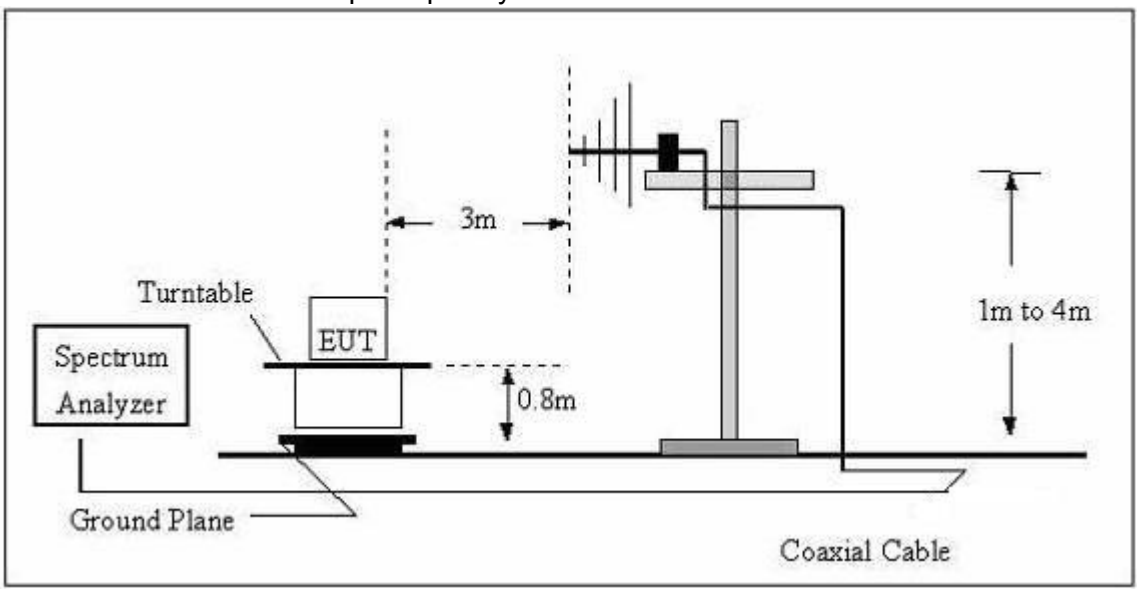
No deviation

3.2.4 TEST SETUP

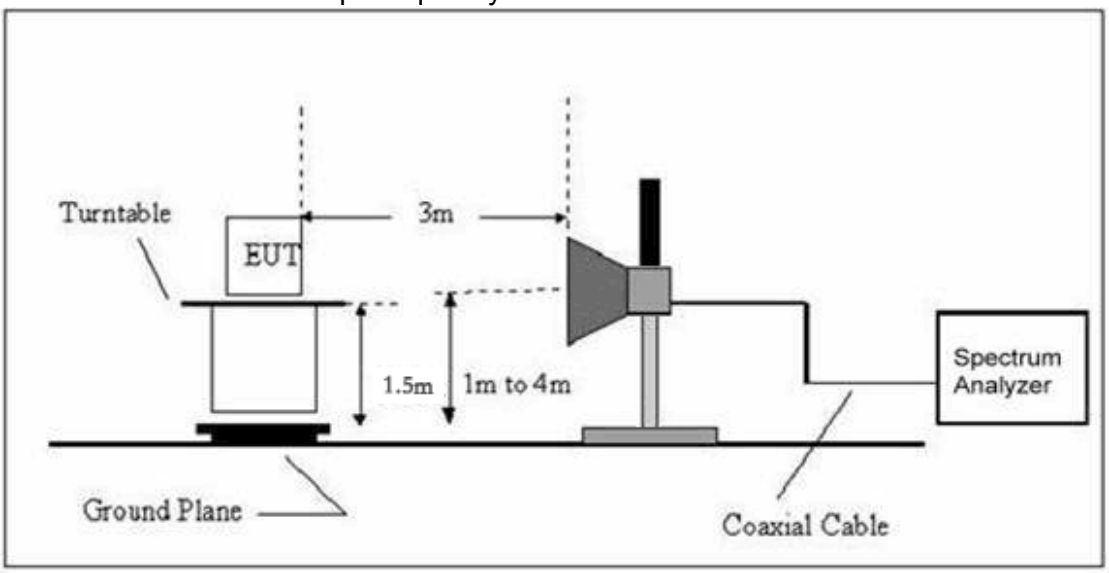
（A）Radiated Emission Test-Up Frequency Below 30MHz



（B）Radiated Emission Test-Up Frequency 30MHz~1GHz



（C）Radiated Emission Test-Up Frequency Above 1GHz



3.2.5 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of 2.4 Unless otherwise a special operating condition is specified in the follows during the testing.

3.2.6 TEST RESULTS (BETWEEN 9KHZ – 30 MHZ)

EUT：	Smart Mirror	Model Name. ：	RVM740SM
Temperature：	22℃	Relative Humidtity：	55%
Pressure：	1010 hPa	Test Voltage ：	DC 12V
Test Mode ：	TX	Polarization :	--

Freq.	Reading	Limit	Margin	State
(MHz)	(dBuV/m)	(dBuV/m)	(dB)	P/F
--	--	--	--	PASS
--	--	--	--	PASS

NOTE:

The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.
Distance extrapolation factor =40 log (specific distance/test distance)(dB);
Limit line = specific limits(dBuv) + distance extrapolation factor.

3.2.7 TEST RESULTS (BETWEEN 30MHZ – 1GHZ)

EUT：	Smart Mirror	Model Name ：	RVM740SM
Temperature：	22℃	Relative Humidtity：	55%
Pressure：	1010 hPa	Test Voltage ：	DC 12V
Test Mode ：	TX		

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
V	119.4360	15.57	12.08	27.65	43.5	15.85	QP
V	128.1129	15.86	12.2	28.06	43.5	15.44	QP
V	170.7926	20.41	10.35	30.76	43.5	12.74	QP
V	341.9786	12.75	16.19	28.94	46	17.06	QP
V	468.8761	17.83	19.69	37.52	46	8.48	QP
V	935.5462	9.64	29.42	39.06	46	6.94	QP
H	170.7923	27.41	10.35	37.76	43.5	5.74	QP
H	341.9786	24.85	16.19	41.04	46	4.96	QP
H	468.8761	20.41	19.69	40.1	46	5.9	QP
H	726.8052	14.38	26	40.38	46	5.62	QP
H	813.1114	16.51	26.35	42.86	46	3.14	QP
H	854.0247	12.45	27.51	39.96	46	6.04	QP

Remark:

Absolute Level= ReadingLevel+ Factor, Margin= Absolute Level- Limit

Factor = Antenna Factor + Cable Loss – Pre-amplifier.

Factor added by measurement software automatically

3.2.8 TEST RESULTS (1G-25GHZ)

GFSK,

Normal Voltage

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
Low Channel (2402 MHz)							
Vertical	2491.777	60.32	-11.65	48.67	74	25.33	Pk
Horizontal	2498.247	57.22	-12.73	44.49	74	29.51	Pk
Vertical	4804.156	57.32	-3.6	53.72	74	20.28	Pk
Horizontal	4804. 156	57.32	-9.23	48.09	74	25.91	Pk
Vertical	1485.838	61.02	-17.1	43.92	74	30.08	Pk
Vertical	1636.784	60.71	-16.06	44.65	74	29.35	Pk
Vertical	2095.928	59.52	-11.88	47.64	74	26.36	Pk
Horizontal	1074.301	61.25	-19.69	41.56	74	32.44	Pk
Horizontal	1483.178	60.24	-17.09	43.15	74	30.85	Pk
Horizontal	1895.832	57.26	-14.25	43.01	74	30.99	Pk
Mid Channel (2441 MHz)							
Vertical	2474.777	57.01	-11.65	45.36	74	28.64	Pk
Horizontal	2474.144	57.7	-9.37	48.33	74	25.67	Pk
Vertical	4882.539	57.08	-6.15	50.93	74	23.07	Pk
Horizontal	4882. 539	57.08	-6.83	50.25	74	23.75	Pk
Vertical	1433.535	64.07	-17.12	46.95	74	27.05	Pk
Vertical	1636.784	61.4	-16.06	45.34	74	28.66	Pk
Vertical	2284.166	55.14	-12.83	42.31	74	31.69	Pk
Horizontal	1280.515	60.8	-17.82	42.98	74	31.02	Pk
Horizontal	1636.784	59.63	-16.06	43.57	74	30.43	Pk
Horizontal	1892.438	59.75	-14.28	45.47	74	28.53	Pk
High Channel (2480 MHz)							
Vertical	2453.883	57.7	-12.91	44.79	74	29.21	Pk
Horizontal	2453.839	57.7	-11.59	46.11	74	27.89	Pk
Vertical	4960.256	54.21	-9.22	44.99	74	29.01	Pk
Horizontal	4960.478	54.21	-3.64	50.57	74	23.43	Pk
Vertical	1187.688	58.73	-18.27	40.46	74	33.54	Pk
Vertical	1636.784	57.54	-16.06	41.48	74	32.52	Pk
Vertical	2084.693	55.13	-11.99	43.14	74	30.86	Pk
Horizontal	1534.540	57.79	-16.94	40.85	74	33.15	Pk
Horizontal	1786.985	57.5	-15.04	42.46	74	31.54	Pk
Horizontal	1892.438	57.38	-14.28	43.1	74	30.9	Pk

π/4-DQPSK

Normal Voltage

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
operation frequency:2402							
V	4804.28	57.35	-3.64	60.99	74	-13.01	Pk
V	4804.28	43.11	-3.64	46.75	54	-7.25	AV
H	4804.15	51.94	-3.64	55.58	74	-18.42	Pk
H	4804.15	43.68	-3.64	47.32	54	-6.68	AV
operation frequency:2441							
V	4882.87	53.22	-3.68	56.90	74	-17.10	Pk
V	4882.87	43.64	-3.68	47.32	54	-6.68	AV
H	4882.57	51.10	-3.68	54.78	74	-19.22	Pk
H	4882.57	41.40	-3.68	45.08	54	-8.92	AV
operation frequency:2480							
V	4960.98	56.13	-3.59	59.72	74	-14.28	pk
V	4960.98	43.96	-3.59	47.55	54	-6.45	AV
H	4960.70	53.80	-3.59	57.39	74	-16.61	pk
H	4960.70	41.33	-3.59	44.92	54	-9.08	AV

Remark:

Absolute Level= Reading Level+ Factor, Margin= Absolute Level - Limit

8-DPSK

Normal Voltage

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
operation frequency:2402							
V	4804.93	49.03	-3.64	52.67	74	-16.33	Pk
H	4804.43	50.05	-3.64	53.69	74	-20.31	Pk
operation frequency:2441							
V	4882.95	49.34	-3.68	53.02	74	-14.98	Pk
H	4882.40	48.56	-3.68	52.24	74	-18.76	Pk
operation frequency:2480							
V	4960.27	49.47	-3.59	53.06	74	-16.94	pk
H	4960.09	48.99	-3.59	52.58	74	-15.42	pk

Remark:

Absolute Level= Reading Level+ Factor, Margin= Absolute Level - Limit

Note:The PK value is less than the AV value, AV value is not required
Factor added by measurement software automatically.

BAND EDGE(Radiated)

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type	Comment
GFSK							
2390	51.66	-12.78	38.88	74	-35.12	peak	Vertical
2390	53.85	-12.78	41.07	74	-32.93	peak	Horizontal
2483.5	51.86	-12.78	39.08	74	-34.92	peak	Vertical
2483.5	51.20	-12.78	38.42	74	-35.58	peak	Horizontal
π/4-DQPSK							
2390	50.48	-13.06	37.42	74	-36.58	peak	Vertical
2390	52.52	-13.06	39.46	74	-34.54	peak	Horizontal
2483.5	51.27	-12.78	38.49	74	-35.51	peak	Vertical
2483.5	54.12	-12.78	41.34	74	-32.66	peak	Horizontal
8-DPSK							
2390	53.85	-13.06	40.79	74	-33.21	peak	Vertical
2390	52.06	-13.06	39.00	74	-35.00	peak	Horizontal
2483.5	52.85	-12.78	40.07	74	-33.93	peak	Vertical
2483.5	51.90	-12.78	39.12	74	-34.88	peak	Horizontal

NOTE:The PK value is less than the AV value, AV value is not required.

BAND EDGE(Radiated)(Hopping Mode)

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type	Comment
GFSK							
2390	57.89	-13.06	44.83	74	29.17	peak	Vertical
2390	58.35	-13.06	45.29	74	28.71	peak	Horizontal
2483.5	57.57	-12.78	44.79	74	29.21	peak	Vertical
2483.5	55.93	-12.78	43.15	74	30.85	peak	Horizontal
π/4-DQPSK							
2390	58.03	-13.06	44.97	74	29.03	peak	Vertical
2390	58.49	-13.06	45.43	74	28.57	peak	Horizontal
2483.5	57.71	-12.78	44.93	74	29.07	peak	Vertical
2483.5	56.07	-12.78	43.29	74	30.71	peak	Horizontal
8-DPSK							
2390	58.46	-13.06	45.4	74	28.6	peak	Vertical
2390	58.92	-13.06	45.86	74	28.14	peak	Horizontal
2483.5	58.14	-12.78	45.36	74	28.64	peak	Vertical
2483.5	56.51	-12.78	43.72	74	30.28	peak	Horizontal

NOTE:The PK value is less than the AV value, AV value is not required.

4. 20 DB OCCUPY BANDWIDTH

4.1 APPLIED PROCEDURES / LIMIT

FCC ParCN186-W5 (15.247) , Subpart C				
Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247	20dB bandwidth	/	2400-2483.5	PASS

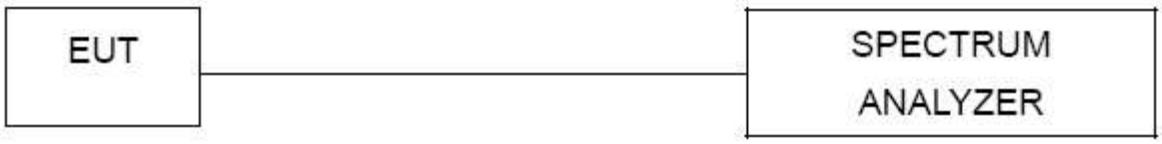
4.1.1 TEST PROCEDURE

(1) The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.
(2) Spectrum Setting:
Bandwidth: RBW=30 kHz, VBW=100 kHz, detector= Peak

4.1.2 DEVIATION FROM STANDARD

No deviation.

4.1.3 TEST SETUP



4.1.4 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 2.1 Unless otherwise a special operating condition is specified in the follows during the testing.

4.1.5 TEST RESULTS

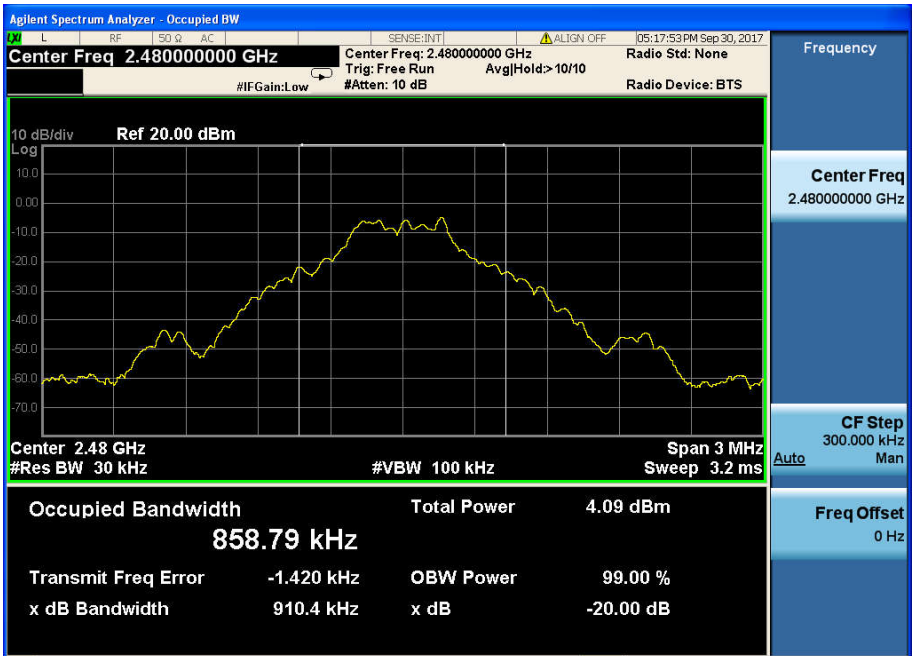
EUT：	Smart Mirror	Model Name ：	RVM740SM
Temperature：	22℃	Relative Humidtity：	55%
Pressure：	1015 hPa	Test Voltage ：	DC 12V
Test Mode ：	GFSK Mode /CH01, CH40, CH79		

Frequency	20dB Bandwidth (MHz)	Limit	Result
2402 MHz	0.8918	/	PASS
2441 MHz	0.8946	/	PASS
2480 MHz	0.9104	/	PASS

TX CH01

TX CH40

TX CH79



EUT：	Smart Mirror	Model Name ：	RVM740SM
Temperature：	22℃	Relative Humidtity：	55%
Pressure：	1015 hPa	Test Voltage ：	DC 12V
Test Mode ：	π/4-DQPSK, Mode /CH01, CH40, CH79		

Frequency	20dB Bandwidth (MHz)	Limit	Result
2402 MHz	1.129	/	PASS
2441 MHz	1.156	/	PASS
2480 MHz	1.141	/	PASS

TX CH01