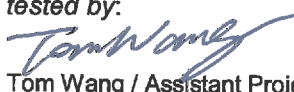


Prüfbericht-Nr.: <i>Test Report No.:</i>	17045187 001	Auftrags-Nr.: <i>Order No.:</i>	164007375	Seite 1 von 82 <i>Page 1 of 82</i>
Kunden-Referenz-Nr.: <i>Client Reference No.:</i>	N/A	Auftragsdatum: <i>Order date:</i>	19.08.2013	
Auftraggeber: <i>Client:</i>	FLIR Commercial Systems, Inc. Sultzbach, Mr. Mark H, 9 Townsend West, Nashua, NH, 03063 United States			
Prüfgegenstand: <i>Test item:</i>	Laser Distance Meter			
Bezeichnung / Typ-Nr.: <i>Identification / Type No.:</i>	DT500			
Auftrags-Inhalt: <i>Order content:</i>	FCC Certification IC Certification			
Prüfgrundlage: <i>Test specification:</i>	FCC CFR47 Part 15: Subpart B Section 15.109 FCC CFR47 Part 15: Subpart C Section 15.209 FCC CFR47 Part 15: Subpart C Section 15.247 FCC KDB publication 447498 D01 v05r02 RSS-Gen Issue 3 December 2010 ICES-003 Issue 5 August 2012			
Wareneingangsdatum: <i>Date of receipt:</i>	19.08.2013			
Prüfmuster-Nr.: <i>Test sample No.:</i>	A000100097 001-003			
Prüfzeitraum: <i>Testing period:</i>	25.10.2014 - 05.11.2014			
Ort der Prüfung: <i>Place of testing:</i>	Accurate Technology Co., Ltd.			
Prüflaboratorium: <i>Testing laboratory:</i>	TÜV Rheinland (Shenzhen) Co., Ltd.			
Prüfergebnis*: <i>Test result*:</i>	Pass			
geprüft von / tested by:		kontrolliert von / reviewed by:		
05.01.2015  Tom Wang / Assistant Project Manager		05.01.2015  Sam Lin / Technical Certifier		
Datum <i>Date</i>	Name / Stellung <i>Name / Position</i>	Unterschrift <i>Signature</i>	Datum <i>Date</i>	Name / Stellung <i>Name / Position</i>
				Unterschrift <i>Signature</i>
Sonstiges / Other:				
FCC ID: IWK-DT500 IC: 1590A-DT500				
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 2 = gut 3 = befriedigend 4 = ausreichend 5 = mangelhaft P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet Legend: 1 = very good 2 = good 3 = satisfactory 4 = sufficient 5 = poor P(ass) = passed a.m. test specification(s) F(ail) = failed a.m. test specification(s) N/A = not applicable 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. 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.				

TEST SUMMARY

5.1.1 ANTENNA REQUIREMENT

RESULT: Pass

5.1.2 PEAK OUTPUT POWER

RESULT: Pass

5.1.3 99% BANDWIDTH

RESULT: Pass

5.1.4 20dB BANDWIDTH

RESULT: Pass

5.1.5 CARRIER FREQUENCY SEPARATION

RESULT: Pass

5.1.6 NUMBER OF HOPPING CHANNELS

RESULT: Pass

5.1.7 DWELL TIME

RESULT: Pass

5.1.8 CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100 KHz BANDWIDTH

RESULT: Pass

5.1.9 RADIATED SPURIOUS EMISSIONS

RESULT: Pass

5.2.1 RADIATED EMISSIONS

RESULT: Pass

6.1.1 ELECTROMAGNETIC FIELDS

RESULT: Pass

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1. General Remarks

1.1 Complementary Materials

None.

2. Test Sites

2.1 Test Facilities

Accurate Technology Co., Ltd.
F1, Bldg. A, Changyuan New Material Port, Keyuan Rd., Science & Industry Park
Nanshan District, Shenzhen 518057, P.R. China
FCC Registration No.: 752051
IC OATS Registration No.: 5077A-2

The tests at the test site have been conducted under the supervision of a TÜV engineer.

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2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

Kind of Equipment	Manufacturer	Type	S/N	Calibrated until
Spurious emission and Radiated emission				
Spectrum Analyzer	Agilent	E7405A	MY45115511	2015-01-11
Test Receiver	Rohde & Schwarz	ESCS30	100307	2015-01-11
Bilog Antenna	Schwarzbeck	VULB9163	9163-323	2015-01-11
Loop Antenna	Schwarzbeck	FMZB1516	1516131	2015-01-11
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	2015-01-11
50 Coaxial Switch	Anritsu Corp	MP59B	6200506474	2015-01-11
Pre-Amplifier	Rohde & Schwarz	CBLU11835 40-01	3791	2015-01-11
Broadband antenna	CHASE	CBL6111C	2576	2015-01-11
Horn Antenna	AR	AT4002A	305754	2015-01-11
Radio Test Suite				
Receiver	Rohde & Schwarz	ESPI	100396/003	2015-01-11
Conducted Emission				
Test Receiver	Rohde & Schwarz	ESCS30	100307	2015-01-11
Artificial Mains Network	Schwarzbeck	NLSK8126	8126431	2015-01-11
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100815	2015-01-11
50_ Coaxial Switch	Anritsu Corp	MP59B	6200283933	2015-01-11

2.3 Traceability

All measurement equipment calibrations are traceable to NIM (National Institute of Metrology) or where calibration is performed in other countries, to equivalent nationally recognized standards organizations.

2.4 Calibration

Equipment requiring calibration is calibrated periodically by the manufacturer or according to manufacturer's specifications. Additionally all equipment is verified for proper performance on a regular basis using in house standards or comparisons.

2.5 Measurement Uncertainty

The estimated combined standard uncertainty for radiated emissions and conducted emissions measurements are $\pm 3\text{dB}$.

2.6 Location of Original Data

The original copies of all test data taken during actual testing were included in this report and delivered to the applicant. A copy has been retained in the TÜV Rheinland (Shenzhen) file for certification follow-up purposes.

2.7 Status of Facility Used for Testing

The Accurate Technology Co., Ltd. Loacated at F1, Bldg. A, Changyuan New Meterial Port, Keyuan Rd., Science & Industry Park Nanshan District, Shenzhen 518057, P.R. China, is listed on the US Federal Communications Commission list of facilities and Industry Canada OATS list approved to perform measurements.

3. General Product Information

3.1 Product Function and Intended Use

The equipment under test (EUT) is a laser distance meter with Bluetooth function. The EUT can transfer measurement result to phone/PC via Bluetooth connection. For details refer to the User Manual, Technical Description and Circuit Diagram. The EUT is identical with model iLDM-150 in all designs except the model number and enclosure color.

3.2 Ratings and System Details

Table 2: Rating of EUT

Kind of Equipment:	Laser Distance Meter
Type Designation:	DT500
FCC ID	IWK-DT500
IC	1590A-DT500

Table 3: Technical Specification of EUT

Technical Specification	Value
Bluetooth Version	Bluetooth 3.0+EDR
Operating Frequency	2402~2480 MHz
Modulation	GFSK, 8DPSK, $\pi/4$ DQPSK
Number of channel	79
Chanel spacing	1MHz
Hopping rate	1600
Antenna type	PCB antenna
Antenna gain	2dBi
Bluetooth power Class	2
Measured Maximum EIRP	0.43dBm
Extreme Temperature Range	0~40°C
Operation Voltage	DC 3.0V

3.3 Independent Operation Modes

- A. On, Transmitting
- B. On, Receiving
- C. On, Measuring
- D. Off

3.4 Noise Generating and Noise Suppressing Parts

Refer to the Circuit Diagram.

3.5 Submitted Documents

- | | |
|--------------------|----------------------|
| - Block Diagram | - Circuit Diagram |
| - Bill of Material | - Instruction Manual |
| - Rating Label | - PCB layout |

4. Test Set-up and Operation Modes

4.1 Principle of Configuration Selection

Emission: The equipment under test (EUT) was configured to measure its highest possible radiation level. The test modes were adapted accordingly in reference to the instructions for use.

Radio Spectrum: The equipment under test (EUT) was configured at its highest power output in order to measure its highest possible radiation and conducted level. The test modes were adapted accordingly in reference to the instructions for use.

4.2 Test Operation and Test Software

Test operation refers to test setup in chapter 5.

Due to difference described in clause 3.1, all tests were applied on iLDM-150.

Table 4: RF channel and frequency of EUT

RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)
0	2402.00	20	2422.00	40	2442.00	60	2462.00
1	2403.00	21	2423.00	41	2443.00	61	2463.00
2	2404.00	22	2424.00	42	2444.00	62	2464.00
3	2405.00	23	2425.00	43	2445.00	63	2465.00
4	2406.00	24	2426.00	44	2446.00	64	2466.00
5	2407.00	25	2427.00	45	2447.00	65	2467.00
6	2408.00	26	2428.00	46	2448.00	66	2468.00
7	2409.00	27	2429.00	47	2449.00	67	2469.00
8	2410.00	28	2430.00	48	2450.00	68	2470.00
9	2411.00	29	2431.00	49	2451.00	69	2471.00
10	2412.00	30	2432.00	50	2452.00	70	2472.00
11	2413.00	31	2433.00	51	2453.00	71	2473.00
12	2414.00	32	2434.00	52	2454.00	72	2474.00
13	2415.00	33	2435.00	53	2455.00	73	2475.00
14	2416.00	34	2436.00	54	2456.00	74	2476.00
15	2417.00	35	2437.00	55	2457.00	75	2477.00
16	2418.00	36	2438.00	56	2458.00	76	2478.00
17	2419.00	37	2439.00	57	2459.00	77	2479.00
18	2420.00	38	2440.00	58	2460.00	78	2480.00
19	2421.00	39	2441.00	59	2461.00		

4.3 Special Accessories and Auxiliary Equipment

None.

4.4 Countermeasures to Achieve ERM Compliance

The test sample which has been tested contained the noise suppression parts as described in the Technical Construction File (TCF). No additional measures were employed to achieve compliance.

4.5 Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test

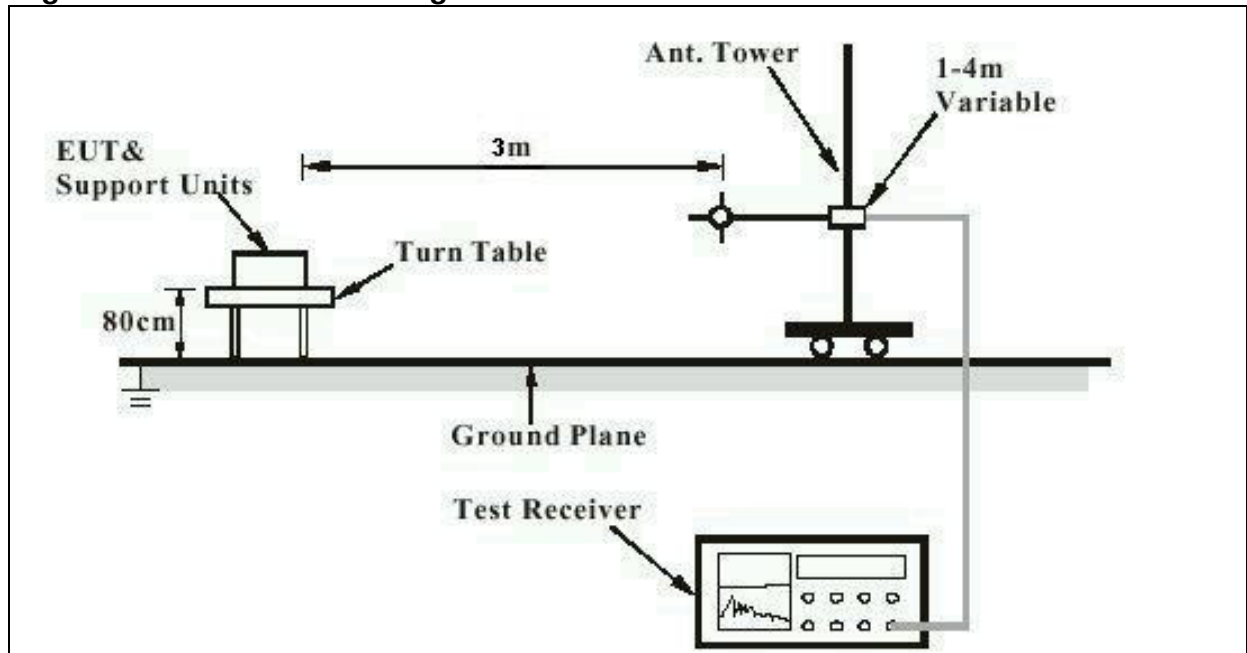


Diagram of Measurement Equipment Configuration for Conduction Measurement

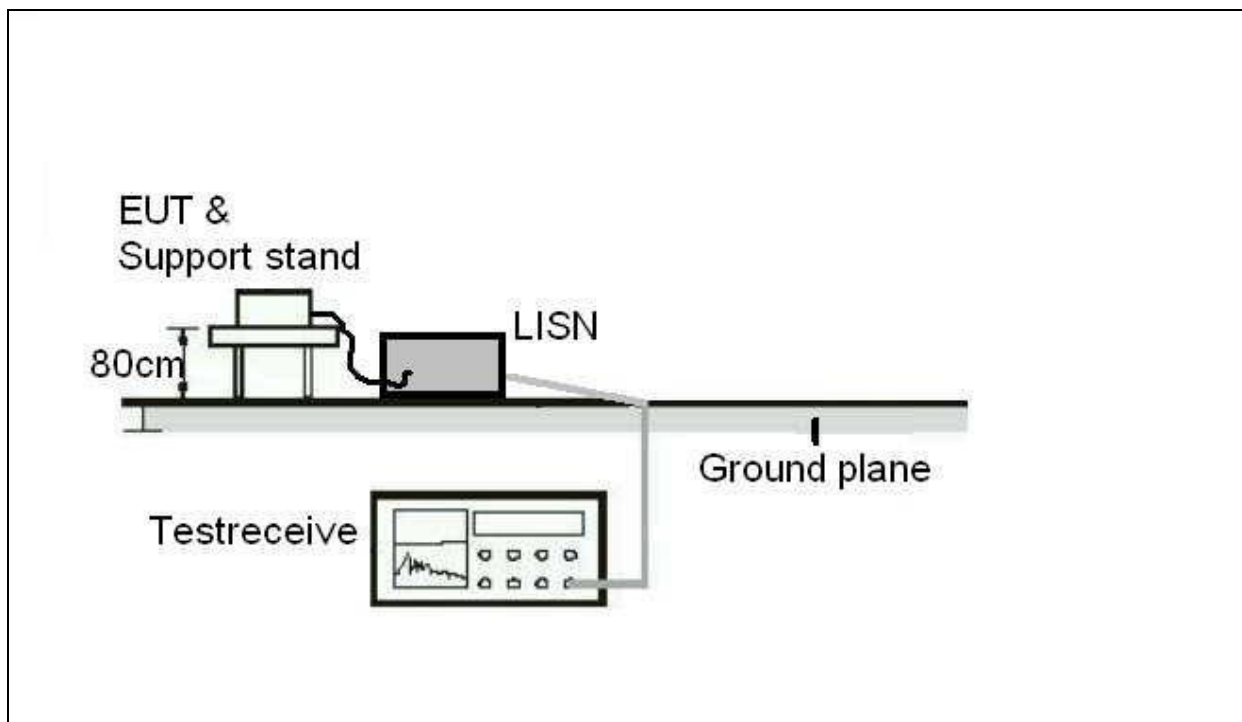
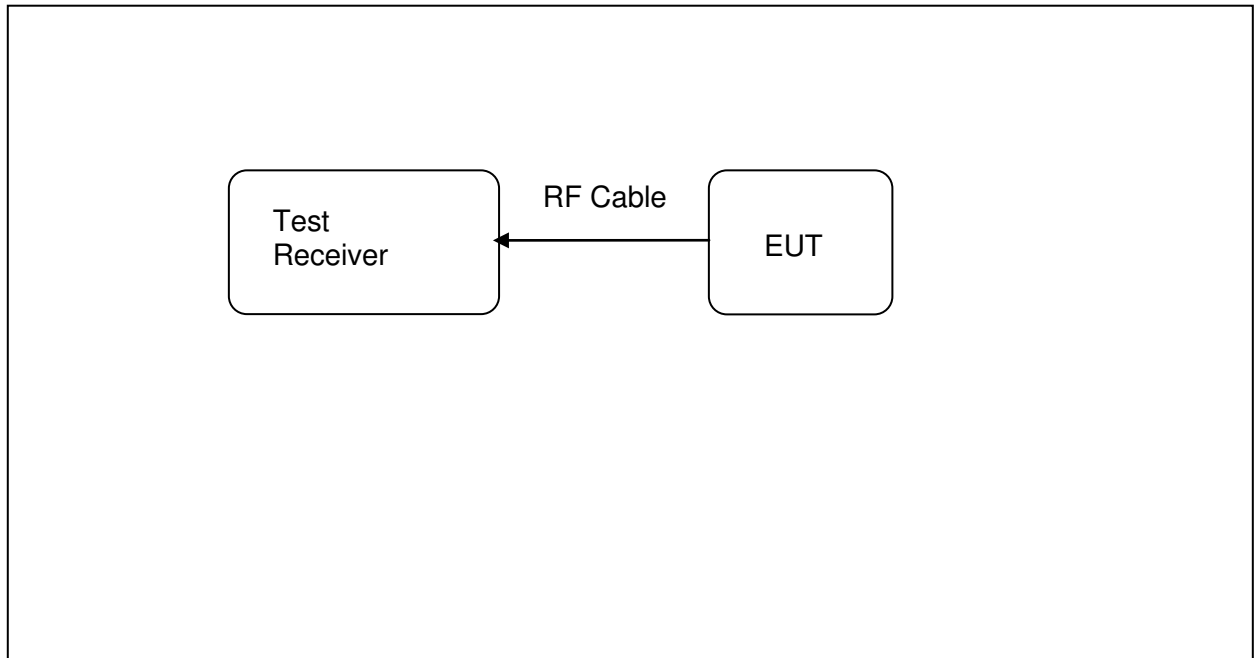


Diagram of Measurement Equipment Configuration for Conducted Transmitter Measurement



5. Test Results

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

RESULT:

Pass

Test date	:	2014-11-01
Test standard	:	FCC Part 15.247(b)(4) and Part 15.203 RSS-Gen 7.1.4
Limit	:	the use of antennas with directional gains that do not exceed 6 dBi

According to the manufacturer declared, the EUT has an internal PCB antenna, the directional gain of antenna is 2 dBi, and the antenna connector is designed with permanent attachment and no consideration of replacement. Therefore the EUT is considered sufficient to comply with the provision.

Refer to EUT photos for details.

5.1.2 Peak Output Power

RESULT:

Pass

Test date : 2014-10-27
Test standard : FCC Part 15.247(b)(1)
RSS-210 A8.4 (2)
Basic standard : ANSI C63.4: 2009
Limit : 125 mW
Kind of test site : Shielded room

Test setup

Test Channel : Low/ Middle/ High
Operation Mode : A
Ambient temperature : 23°C
Relative humidity : 48%
Atmospheric pressure : 101 kPa

Table 5: Test result of Peak Output Power, BDR

Channel	Channel Frequency (MHz)	Peak Output Power		Limit
		(dBm)	(mW)	(mW)
Low Channel	2402	-0.33	0.93	125
Middle Channel	2441	-0.04	0.99	125
High Channel	2480	0.05	1.01	125

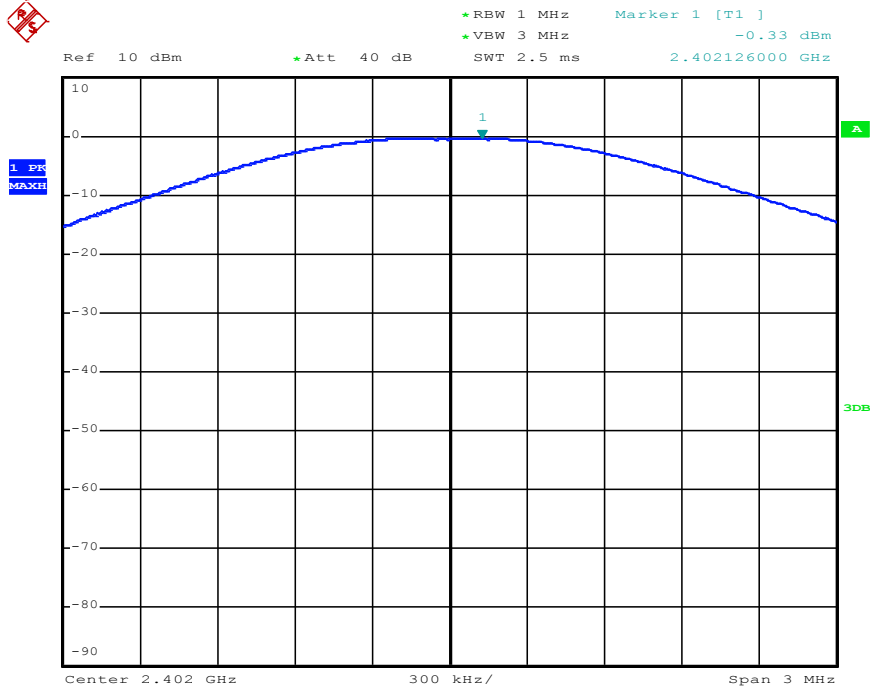
Table 6: Test result of Peak Output Power, EDR

Channel	Channel Frequency (MHz)	Peak Output Power		Limit
		(dBm)	(mW)	(mW)
Low Channel	2402	0.11	1.03	125
Middle Channel	2441	0.39	1.09	125
High Channel	2480	0.43	1.10	125

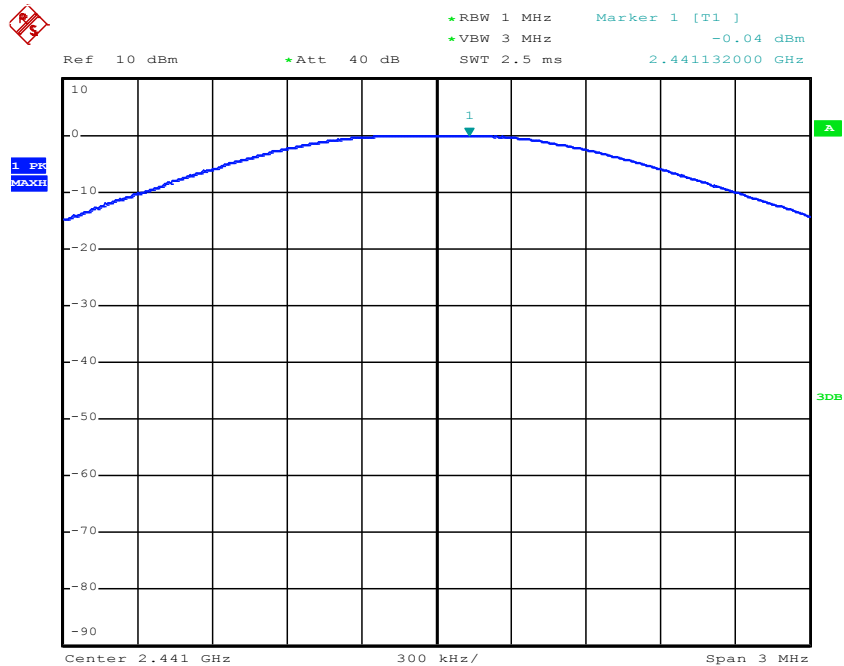
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Test plot of peak output power BDR



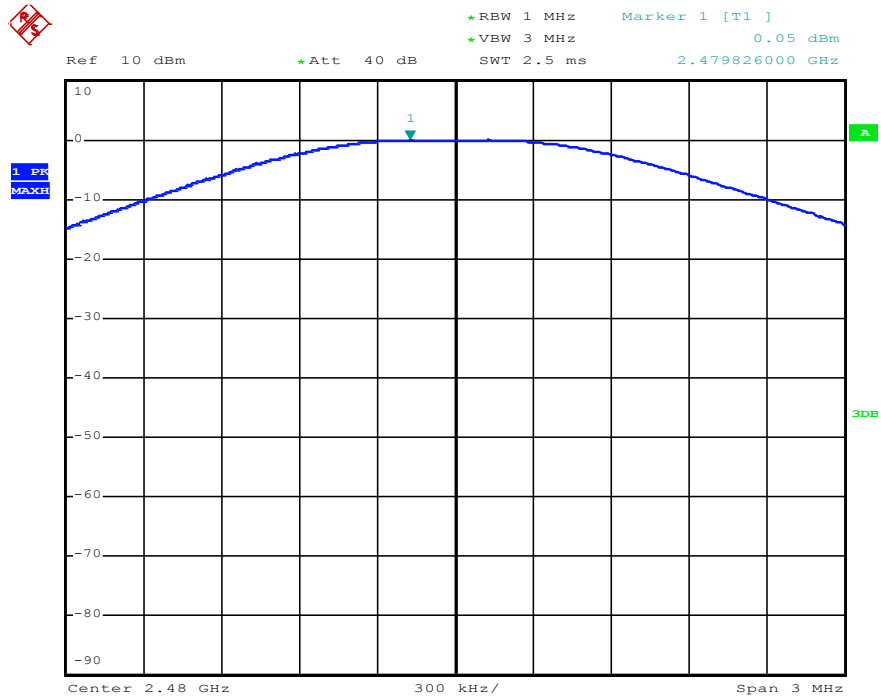
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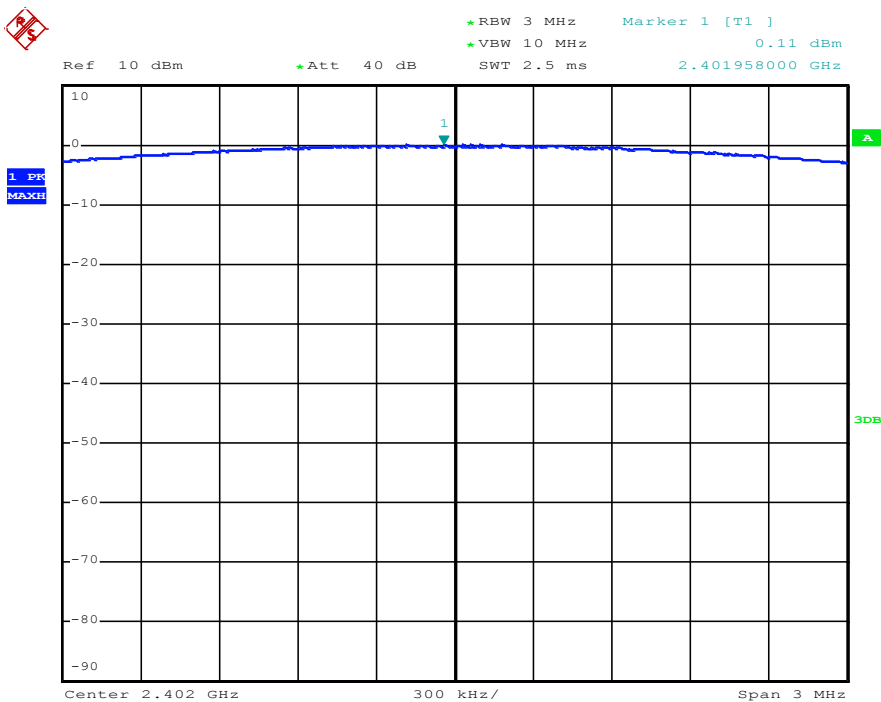
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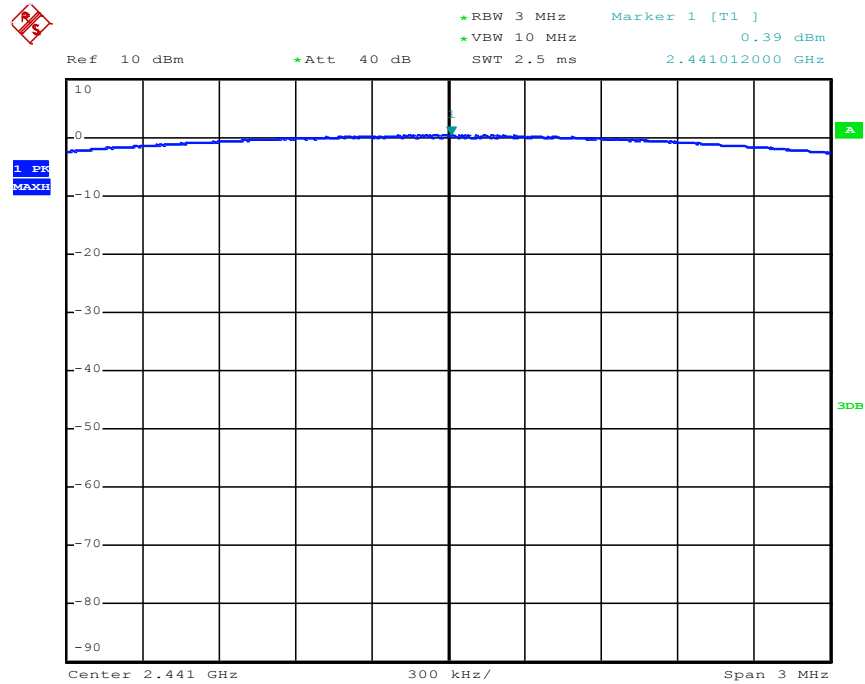
EDR



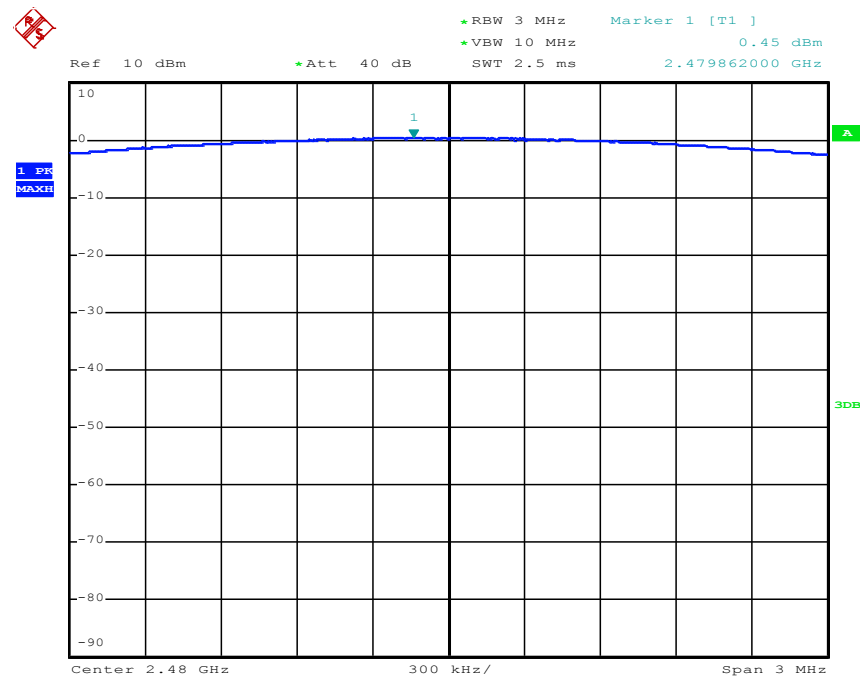
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5.1.3 99% Bandwidth

RESULT:

Pass

Date of testing : 2014-10-27
Test standard : RSS-Gen clause 4.6.1
Basic standard : ANSI C63.4: 2009
Kind of test site : Shielded room

Test setup

Test Channel : Low/ Middle/ High
Operation Mode : A
Ambient temperature : 23°C
Relative humidity : 48%
Atmospheric pressure : 101 kPa

Table 7: Test result of 99% Bandwidth, BDR

Channel	Channel Frequency (MHz)	99% Bandwidth (kHz)	Limit (MHz)
Low Channel	2402	984	/
Mid Channel	2441	984	/
High Channel	2480	984	/

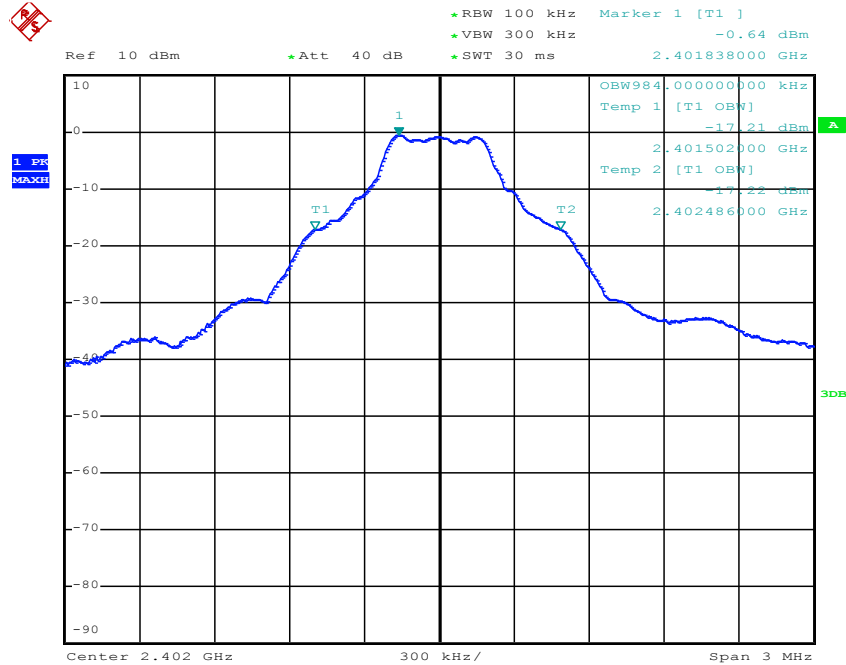
Table 8: Test result of 99% Bandwidth, EDR

Channel	Channel Frequency (MHz)	99% Bandwidth (kHz)	Limit (MHz)
Low Channel	2402	1.194	/
Mid Channel	2441	1.194	/
High Channel	2480	1.194	/

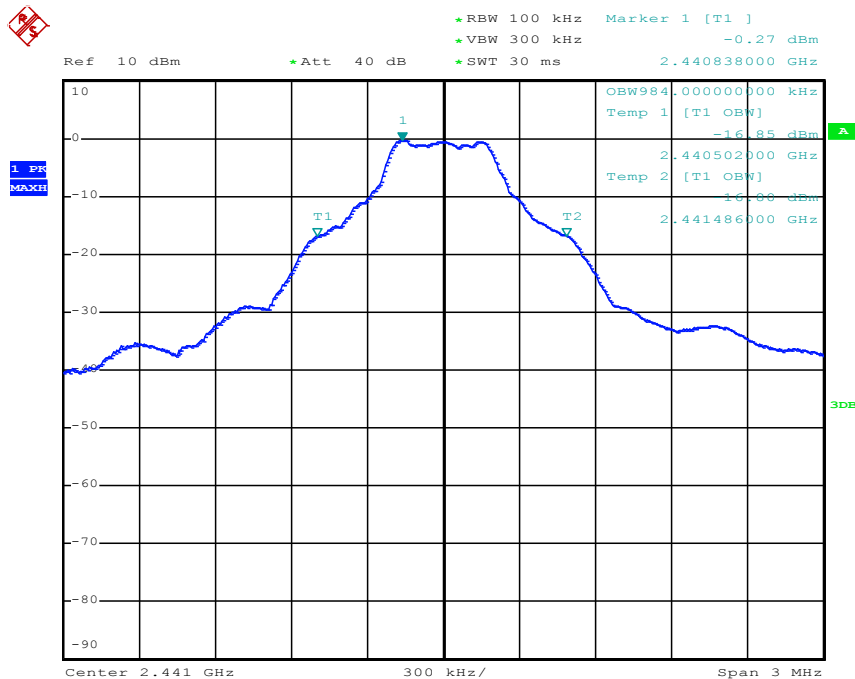
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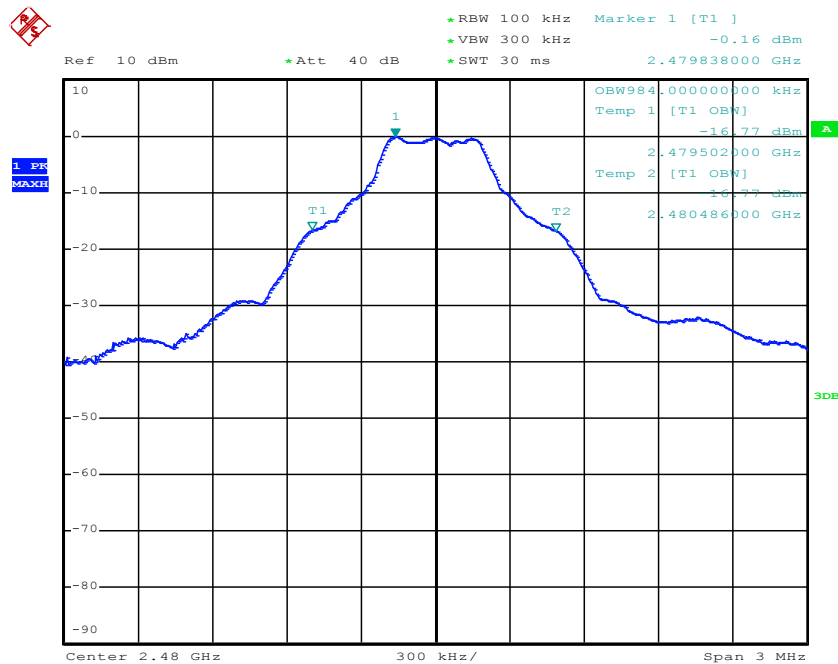
Test plot of bandwidth BDR



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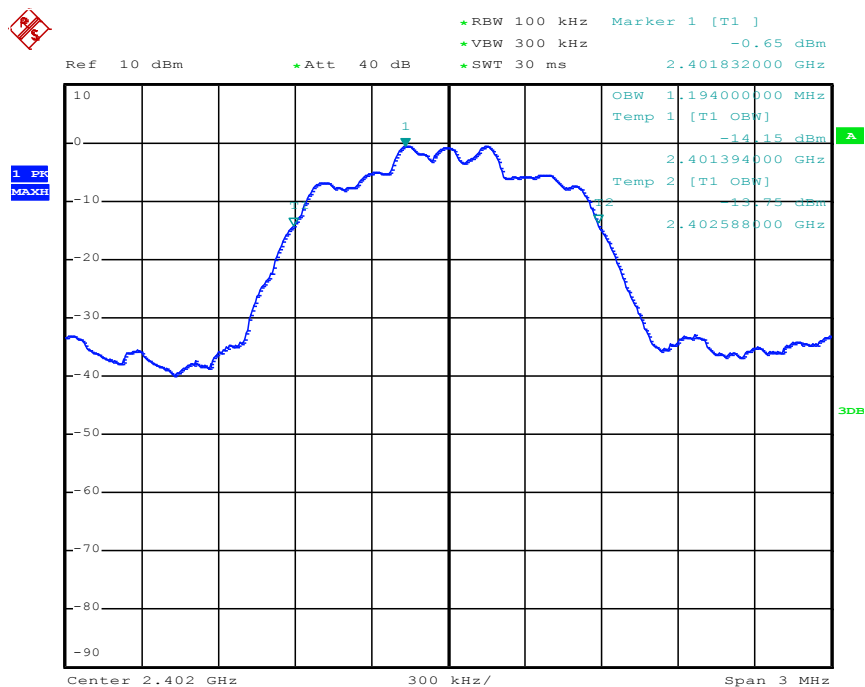


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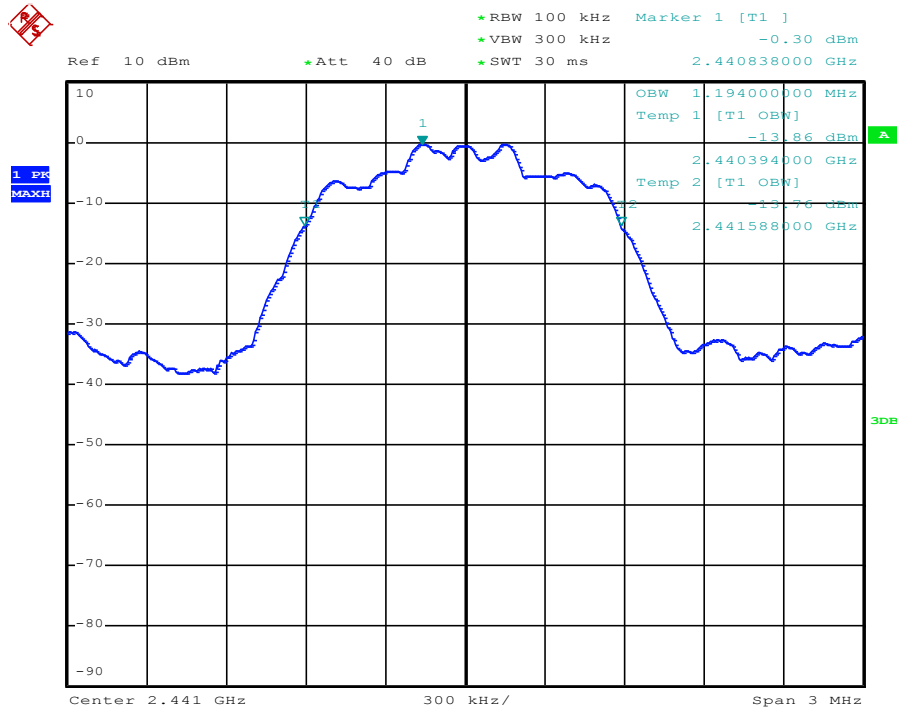
EDR



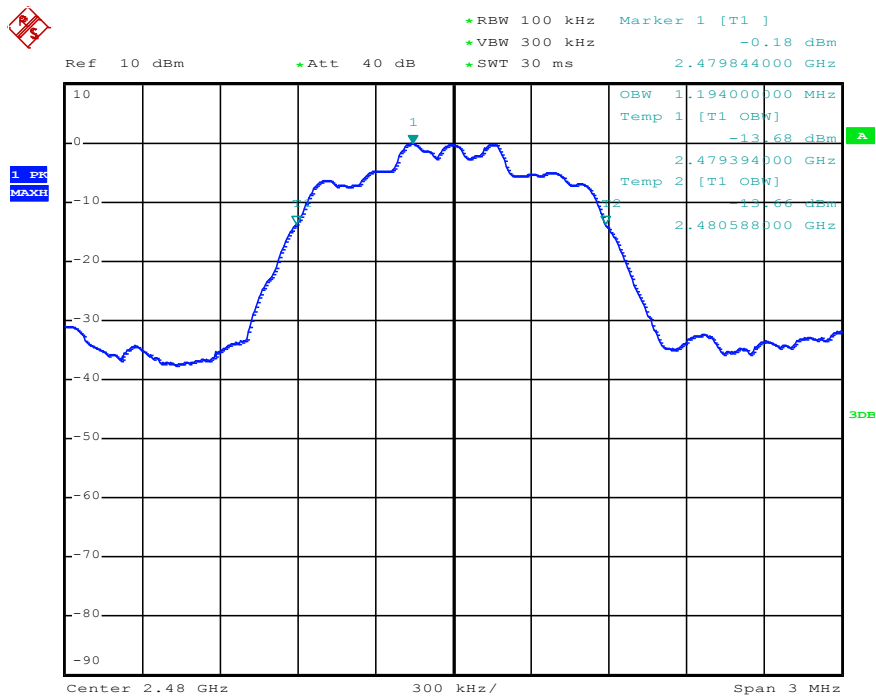
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5.1.4 20dB Bandwidth

RESULT:

Pass

Date of testing : 2014-08-25
Test standard : FCC Part 15.247(a)(1)
RSS-210 A8.4 (2)
Basic standard : ANSI C63.4: 2009
Kind of test site : Shielded room

Test setup

Test Channel : Low/ Middle/ High
Operation Mode : A
Ambient temperature : 23°C
Relative humidity : 48%
Atmospheric pressure : 101 kPa

Table 9: Test result of 20dB Bandwidth, BDR

Channel	Channel Frequency (MHz)	20dB Bandwidth (kHz)	Limit(MHz)
Low Channel	2402	600	/
Middle Channel	2441	606	/
High Channel	2480	600	/

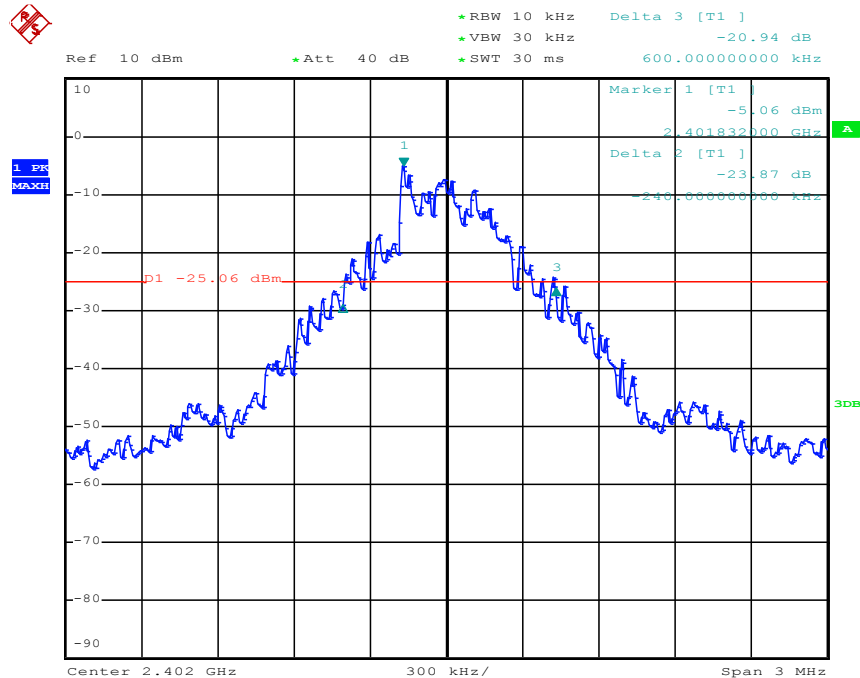
Table 10: Test result of 20dB Bandwidth, EDR

Channel	Channel Frequency (MHz)	20dB Bandwidth (kHz)	Limit(MHz)
Low Channel	2402	786	/
Middle Channel	2441	786	/
High Channel	2480	786	/

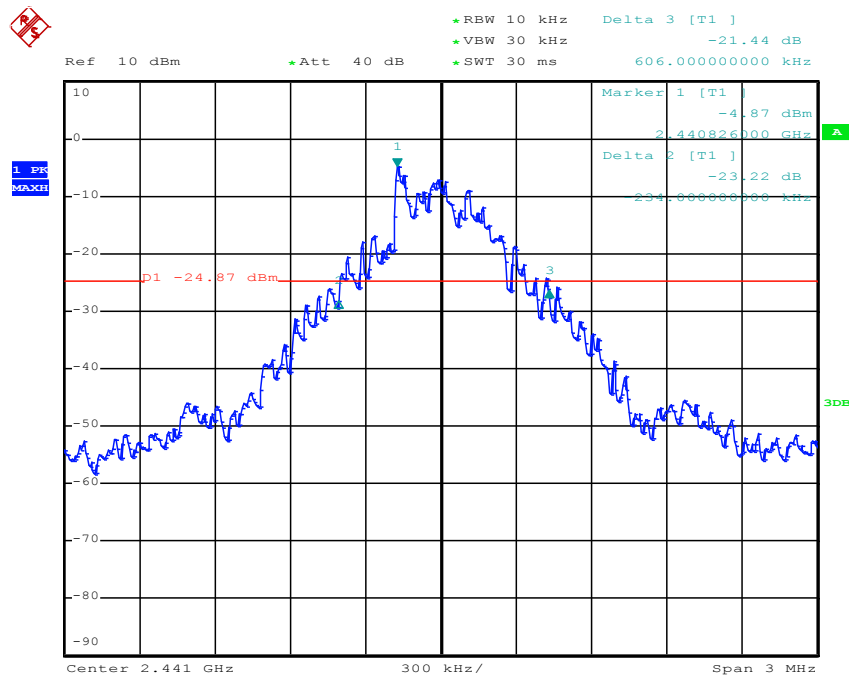
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Test plot of 20dB bandwidth BDR



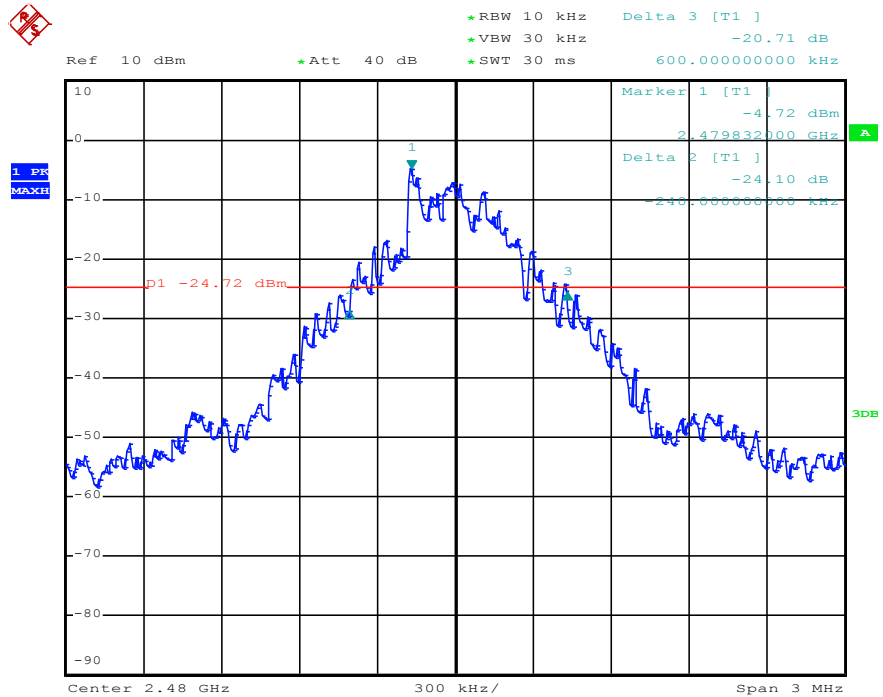
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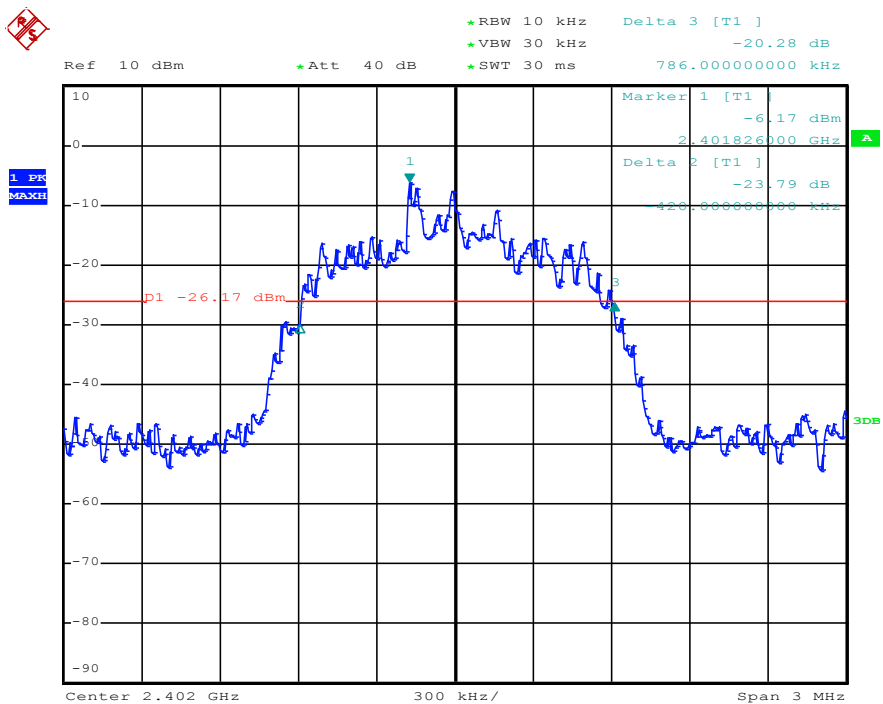
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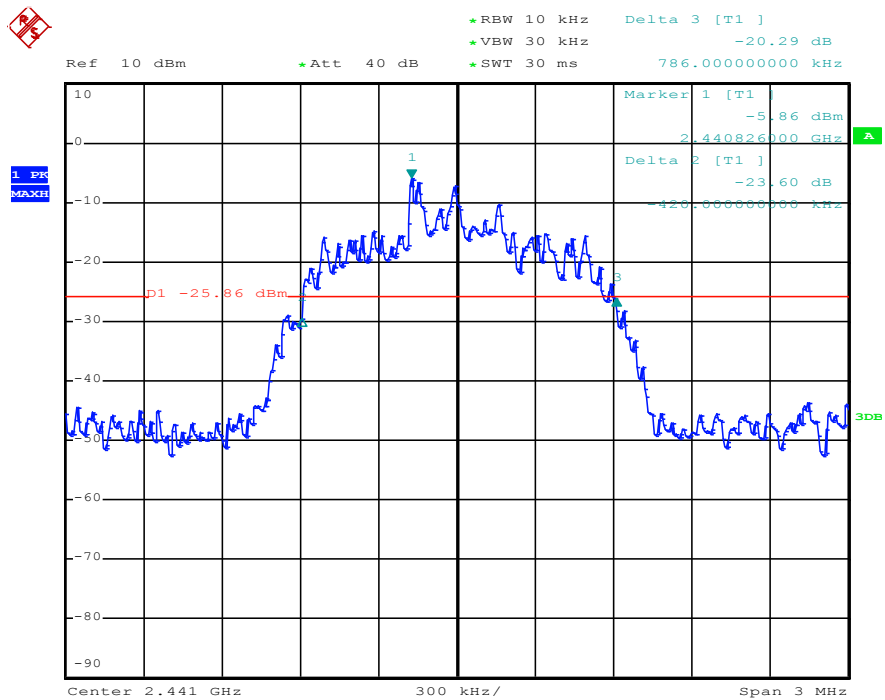
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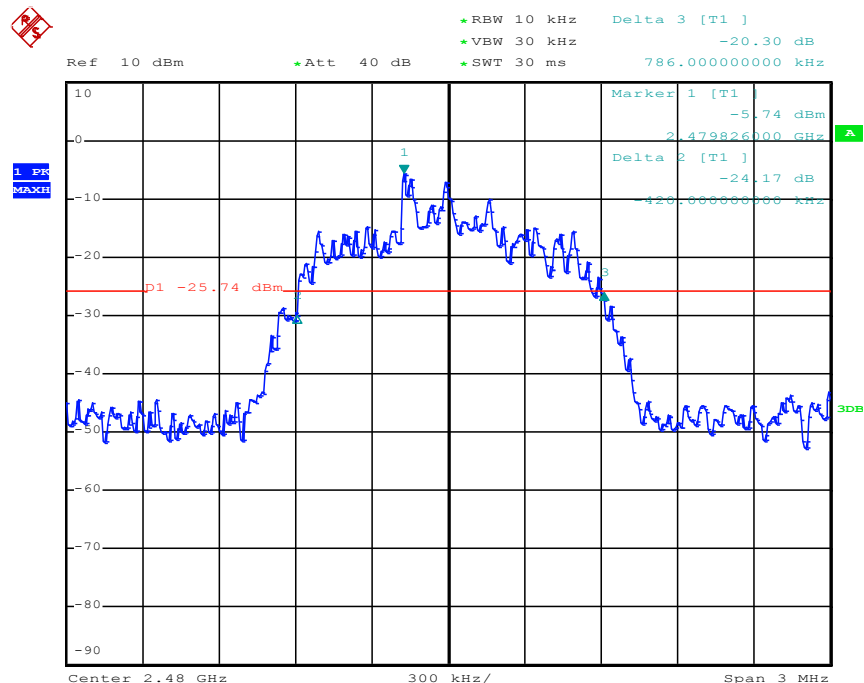
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5.1.5 Carrier Frequency Separation

RESULT:

Pass

Test date : 2014-10-27
Test standard : FCC Part 15.247(a)(1)
RSS-210 A8.1 (b)
Basic standard : ANSI C63.4: 2009
Limit : $\geq 25\text{kHz}$ or $2/3$ of 20dB bandwidth,
whichever is greater
Kind of test site : Shielded room

Test setup

Test Channel : Low/ Middle/ High
Operation Mode : A
Ambient temperature : 23°C
Relative humidity : 48%
Atmospheric pressure : 101 kPa

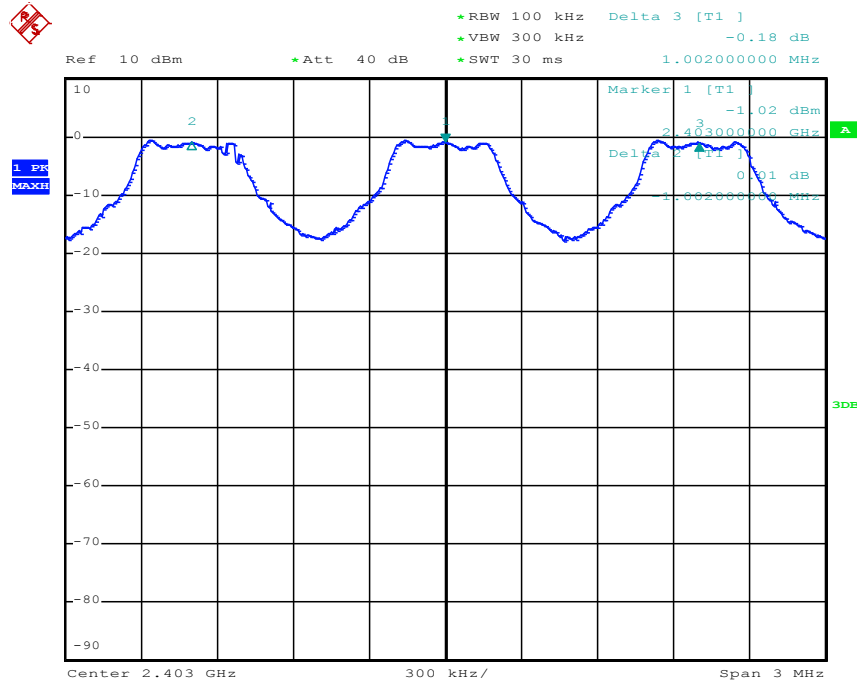
Table 11: Test result of Carrier frequency separation

Channel	Channel Frequency(MHz)	Measured Channel Separation (MHz)	Limit (kHz)	Result
Low Channel	2402	1.002	$\geq 25\text{kHz}$ or $2/3$ of 20dB bandwidth	Pass
Adjacency Channel	2403			
Middle Channel	2441	1.002	$\geq 25\text{kHz}$ or $2/3$ of 20dB bandwidth	Pass
Adjacency Channel	2442			
High Channel	2480	1.002	$\geq 25\text{kHz}$ or $2/3$ of 20dB bandwidth	Pass
Adjacency Channel	2479			

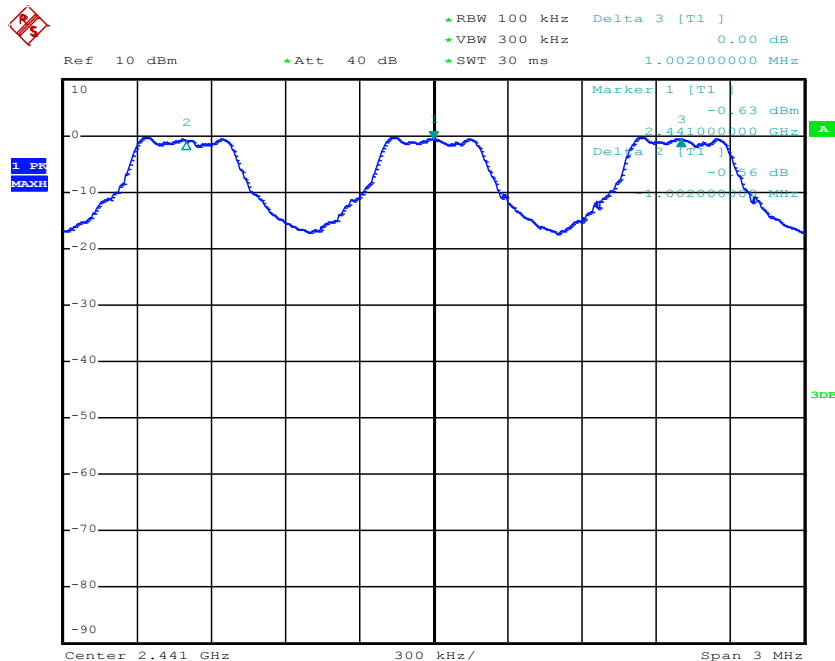
Prüfbericht - Nr.: 17045187 001
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Test plot of frequency separation



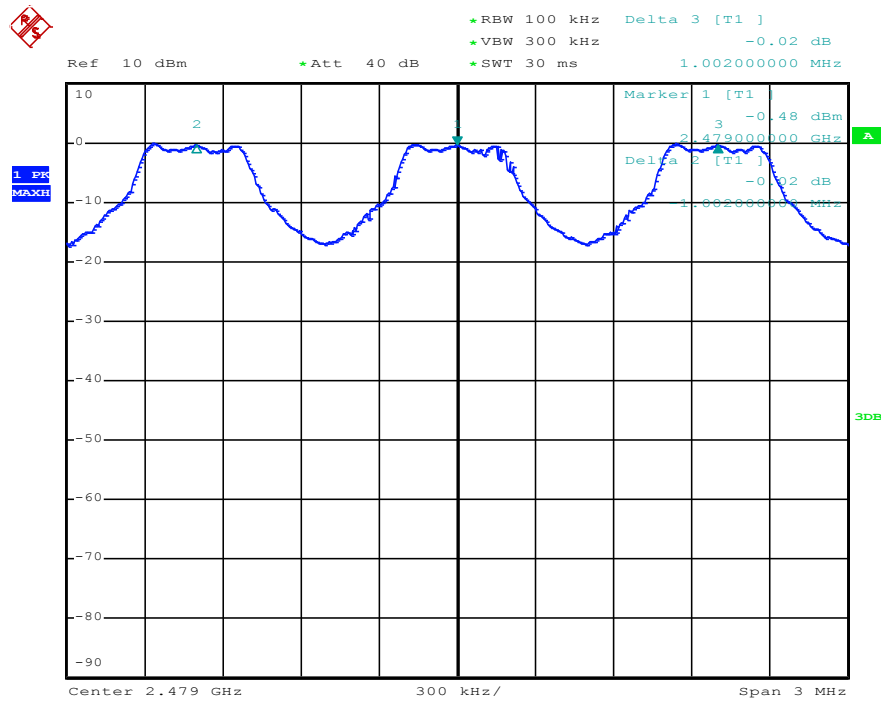
Date: 27.OCT.2014 17:41:53



Date: 27.OCT.2014 17:45:17

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Date: 27.OCT.2014 17:48:52

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5.1.6 Number of Hopping Channels

RESULT:

Pass

Test date : 2014-10-27
Test standard : FCC Part 15.247(a)(1)(iii)
RSS-210 A8.1 (d)
Basic standard : ANSI C63.4: 2009
Limit : ≥ 15 non-overlapping channels
Kind of test site : Shielded room

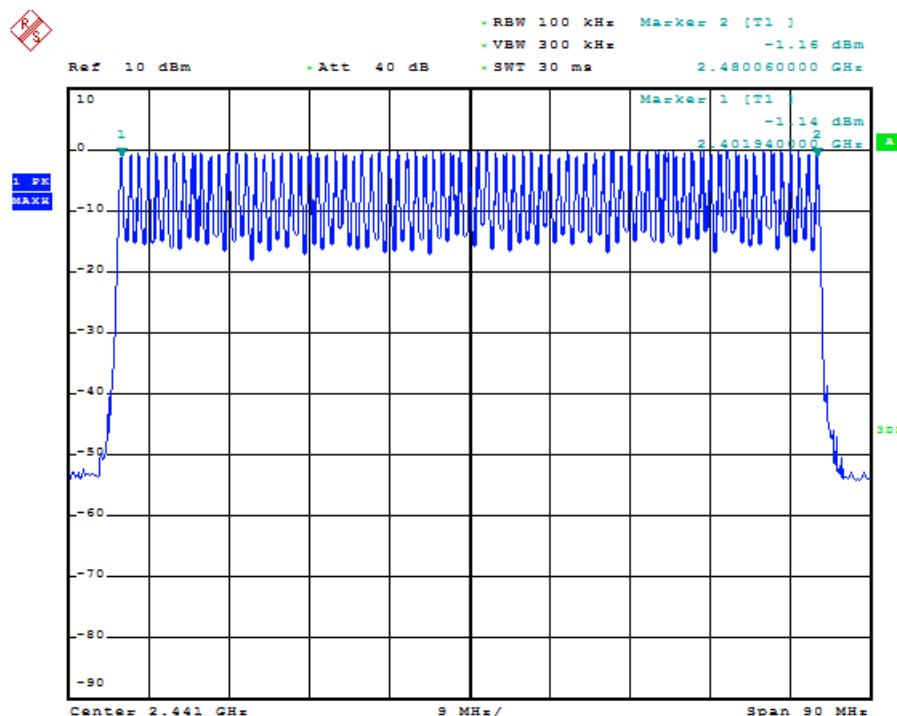
Test setup

Operation Mode : A
Ambient temperature : 23°C
Relative humidity : 48%
Atmospheric pressure : 101 kPa

Table 12: Test Result of Number of Hopping Frequency

Frequency Range	Measured Quantity of Hopping Channel	Limit	Result
2400 to 2483.5 MHz	79	≥ 15	Pass

Figure 1 Test plot of hopping channels



Date: 27.OCT.2014 17:38:27

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5.1.7 Dwell Time

RESULT:

Pass

Test date : 2014-10-27
Test standard : FCC Part 15.247(a)(1)(iii)
RSS-210 A8.1 (d)
Basic standard : ANSI C63.4: 2009
Limit : ≤0.4s
Kind of test site : Shielded room

Test setup

Operation Mode : A
Ambient temperature : 23°C
Relative humidity : 48%
Atmospheric pressure : 101 kPa

Table 13: Test result of Dwell time

Channel	Data Mode	Pulse Width (ms)	Measured Dwell time(s)	Limit(s)
Low Channel	DH1	0.43	0.11	≤0.4
	DH3	1.72	0.25	≤0.4
	DH5	2.98	0.32	≤0.4
Middle Channel	DH1	0.43	0.11	≤0.4
	DH3	1.7	0.23	≤0.4
	DH5	2.65	0.32	≤0.4
High Channel	DH1	0.43	0.11	≤0.4
	DH3	1.72	0.26	≤0.4
	DH5	2.98	0.34	≤0.4

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5.1.8 Conducted Spurious Emissions Measured in 100 kHz Bandwidth

RESULT:

Pass

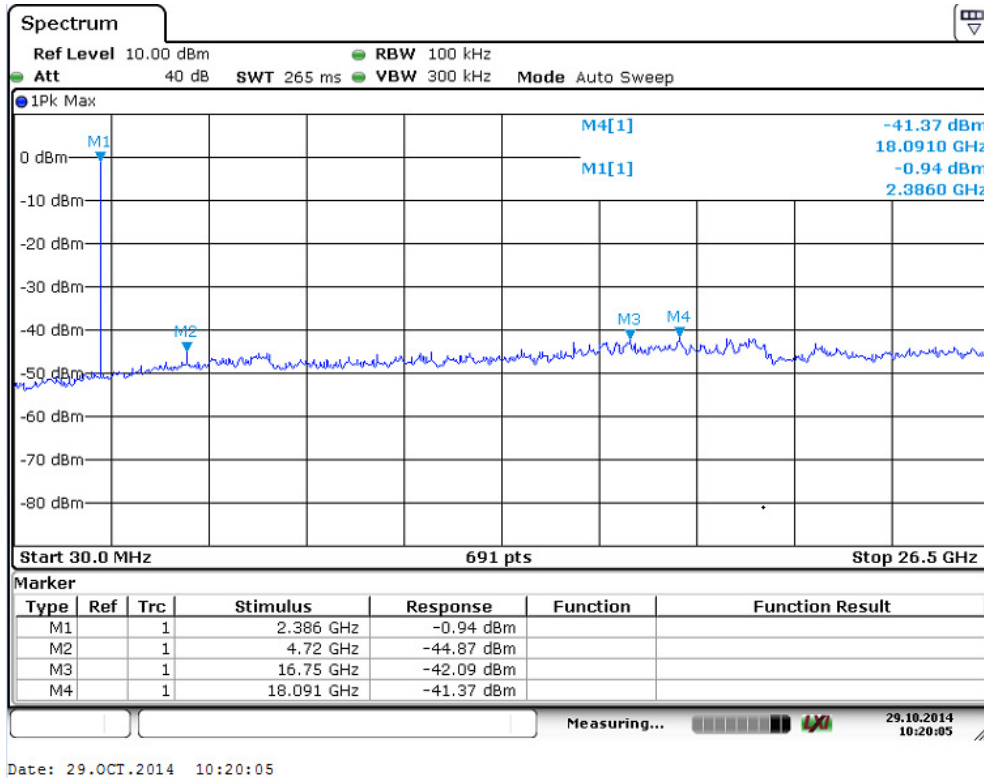
Date of testing	:	2014-10-29
Test standard	:	FCC Part 15.247(d) RSS-210 A8.5
Basic standard	:	ANSI C63.4: 2009
Limit	:	20dB (below that in the 100kHz bandwidth within the band that contains the highest level of the desired power); In addition, radiated emissions which fall in the restricted bands, must also comply with the radiated emission limits specified in 15.209(a)
Kind of test site	:	Shield room

Test setup

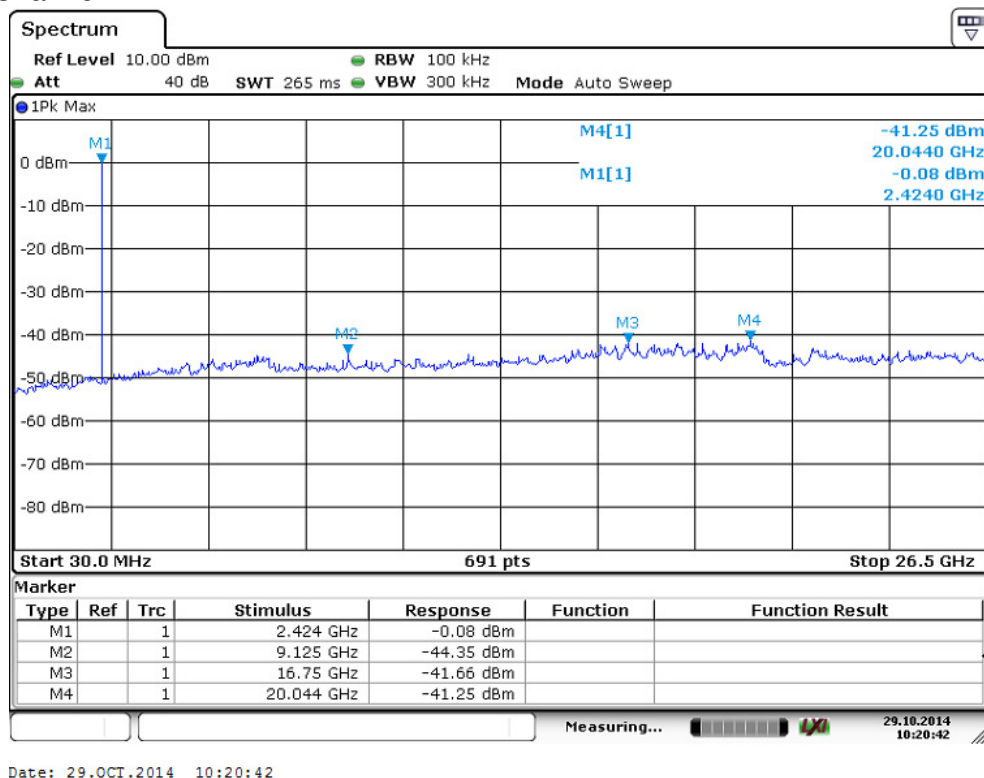
Test Channel	:	Low/Middle/ High
Operation mode	:	A
Ambient temperature	:	23°C
Relative humidity	:	48%
Atmospheric pressure	:	101 kPa

For details refer to following test plots.

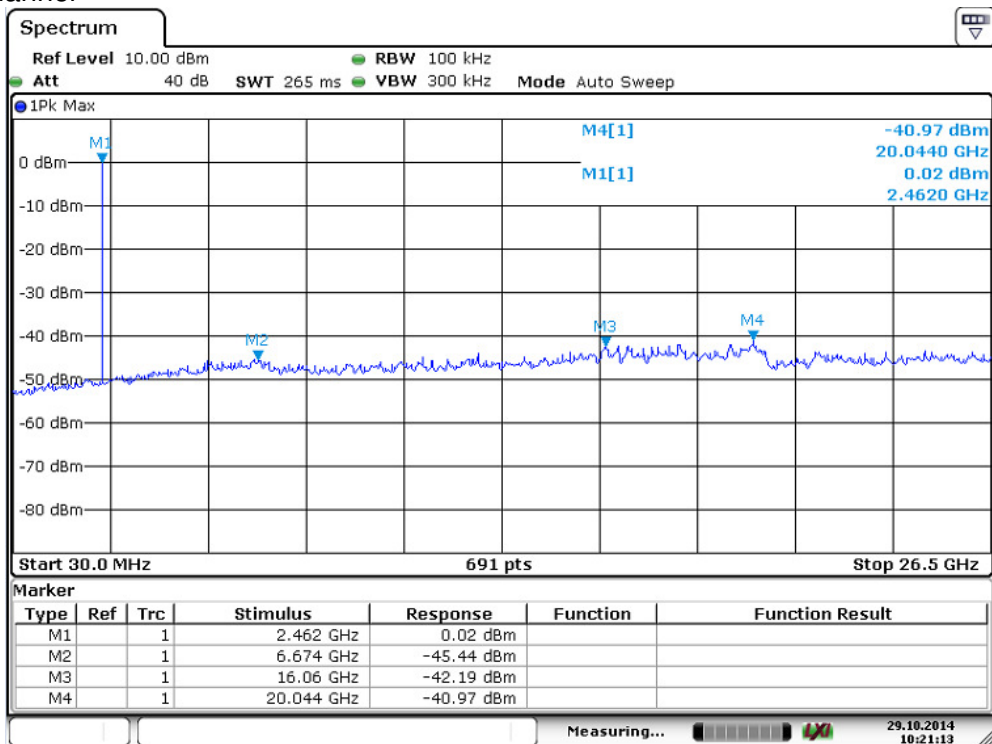
Test Plots of Conducted Emission, BDR mode Low channel



Middle Channel



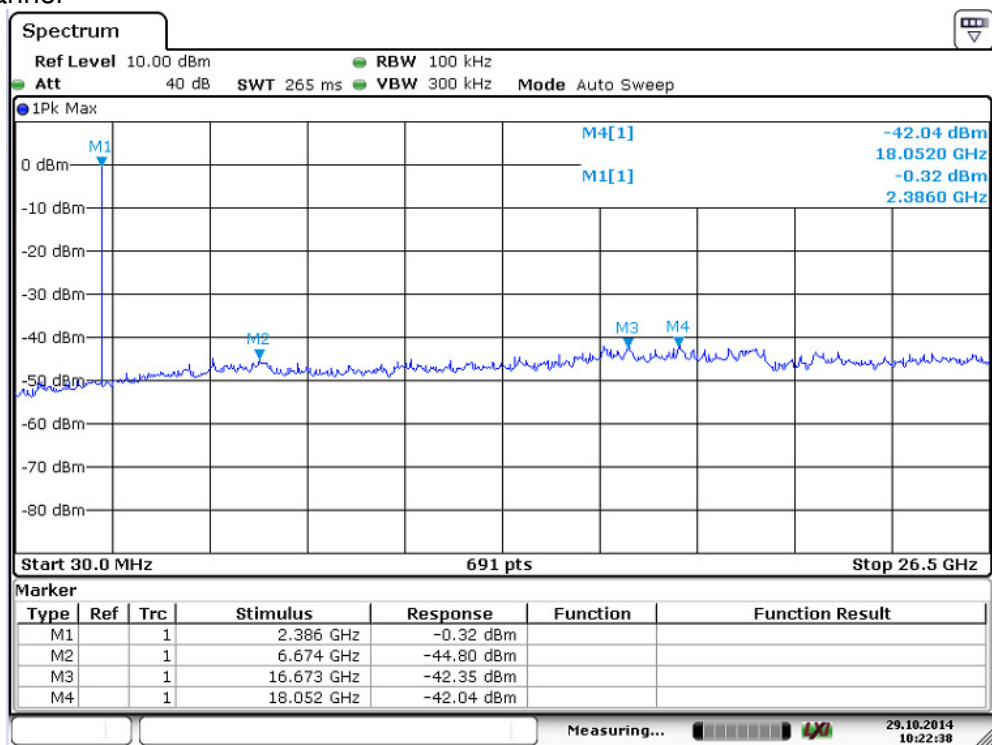
High Channel



Date: 29.OCT.2014 10:21:13

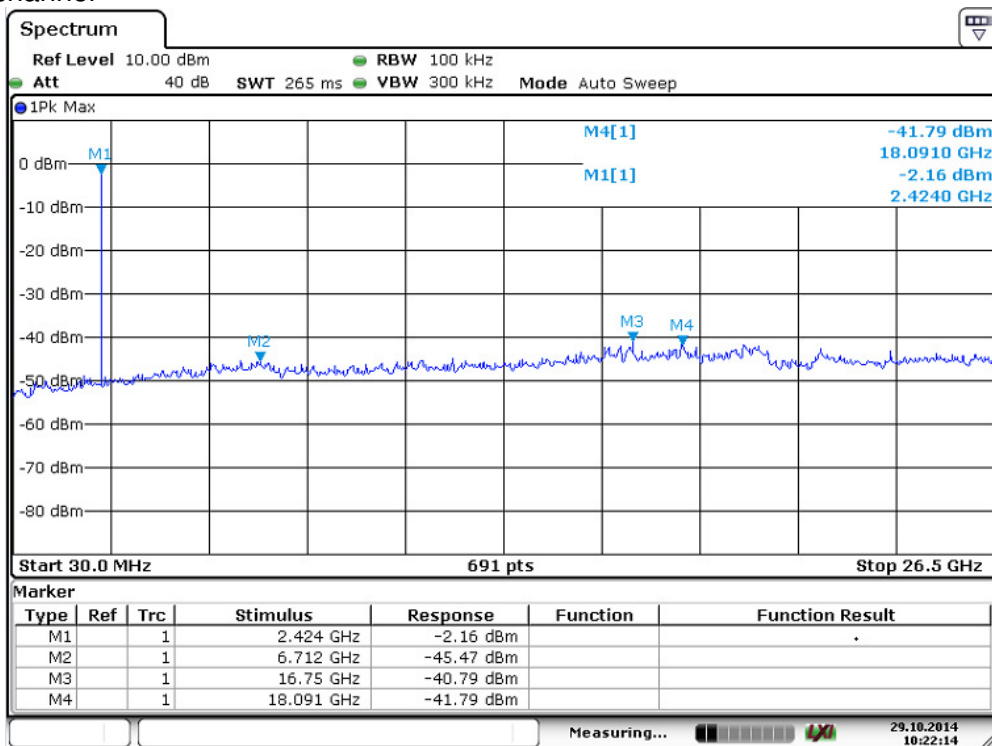
Test Plots of Conducted Emission, EDR mode

Low channel



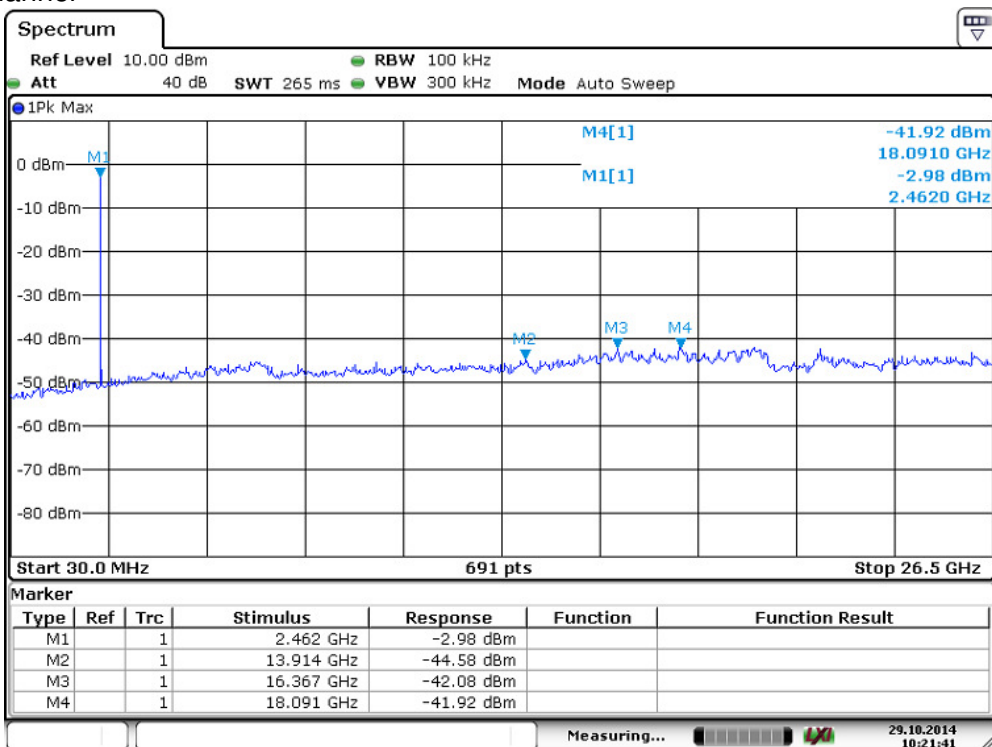
Date: 29.OCT.2014 10:22:39

Middle channel



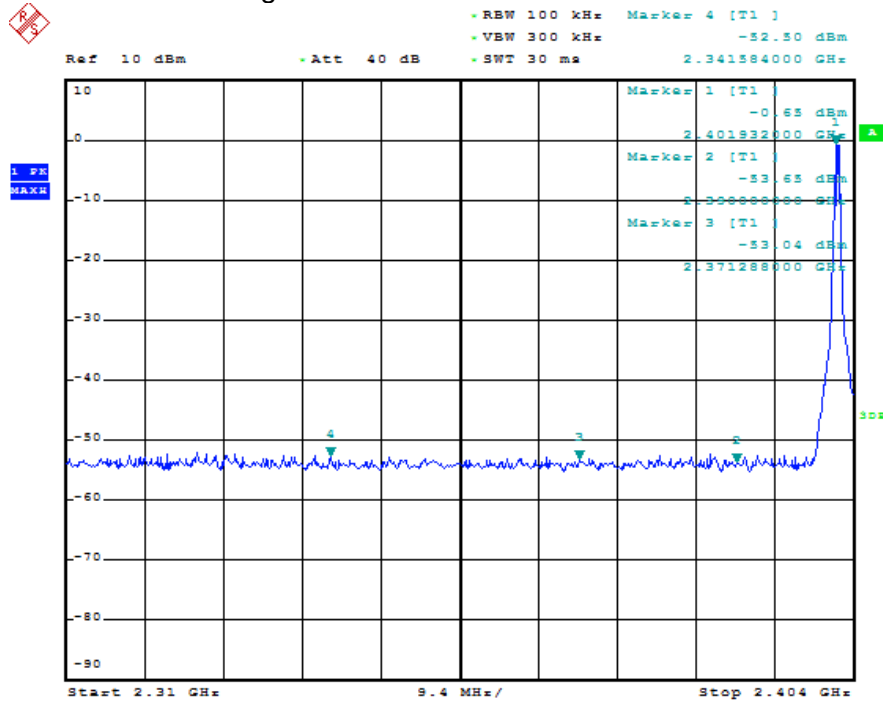
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High Channel

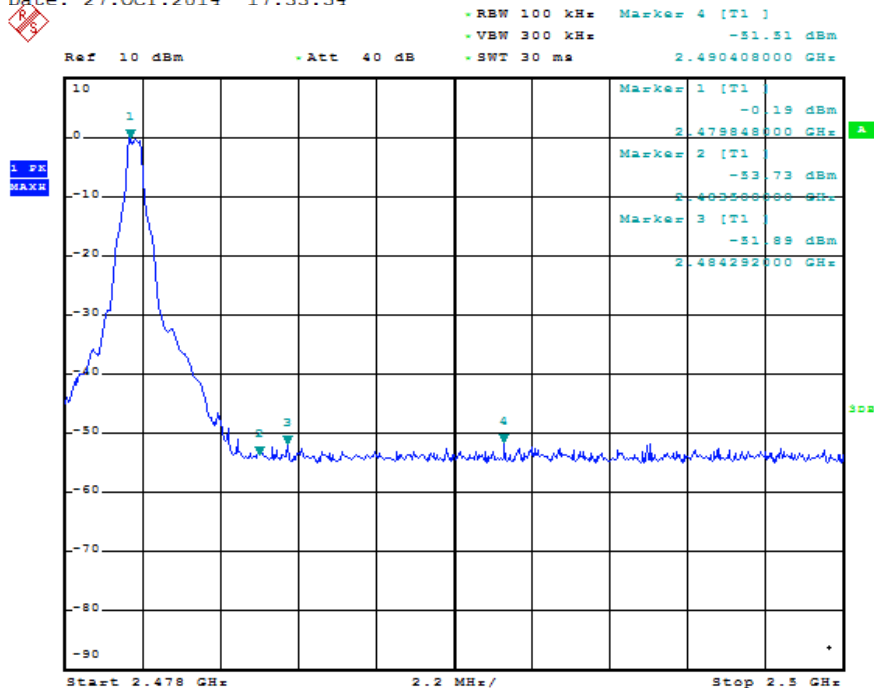


Date: 29.OCT.2014 10:21:41

Conducted Emission at bandedge



Date: 27.OCT.2014 17:33:54



Date: 27.OCT.2014 17:34:56

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5.1.9 Radiated Spurious Emissions

RESULT:

Pass

Date of testing	:	2014-11-04
Test standard	:	FCC Part 15.247(d), FCC 15.205, RSS-210 Clause 2.2
Basic standard	:	ANSI C63.4: 2009
Limit	:	Radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).
Kind of test site	:	3m Semi-Anechoic Chamber

Test setup

Test Channel	:	Low/ Middle/ High
Operation mode	:	C
Ambient temperature	:	25°C
Relative humidity	:	55%
Atmospheric pressure	:	101 kPa

For details refer to the test plots below.

Test Plots of Radiated Spurious Emission

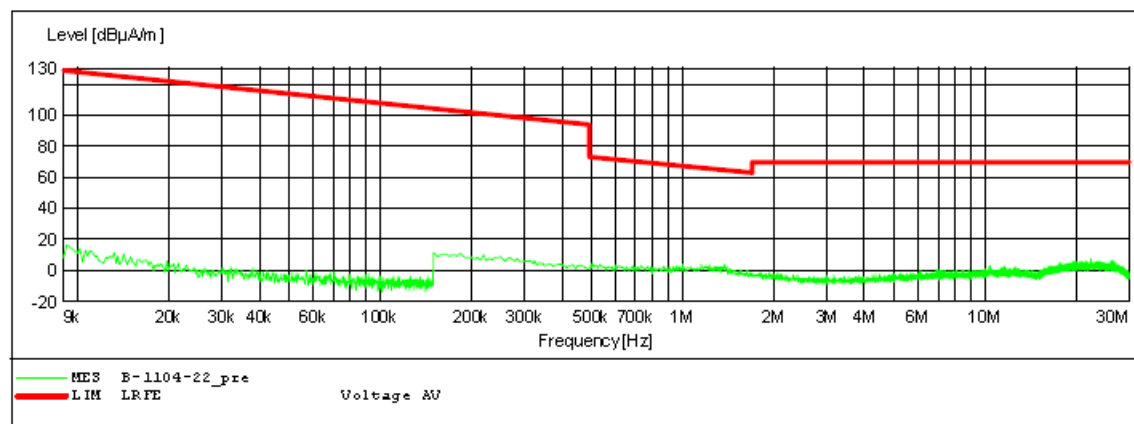
ACCURATE TECHNOLOGY CO., LTD

FCC Class B 3M Radiated

EUT: Later Distance Meter M/N:iLDM-150
Manufacturer:
Operating Condition: TX 2402MHz
Test Site: 2#Shielding Room
Operator: LAN
Test Specification: DC 3V
Comment: X
Start of Test: 2014-11-04 /

SCAN TABLE: "LRE Fin"

Short Description:			SUB STD VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M



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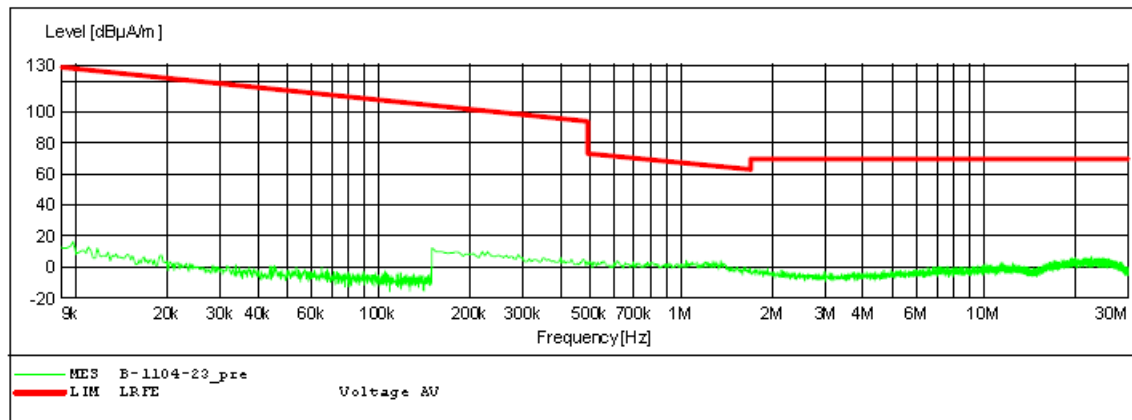
FCC Class B 3M Radiated

EUT: Later Distance Meter M/N:iLDM-150
Manufacturer:
Operating Condition: TX 2402MHz
Test Site: 2#Shielding Room
Operator: LAN
Test Specification: DC 3V
Comment: Y
Start of Test: 2014-11-04 /

SCAN TABLE: "LFRE Fin"

Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

Short Description: SUB STD VTERM2 1.70



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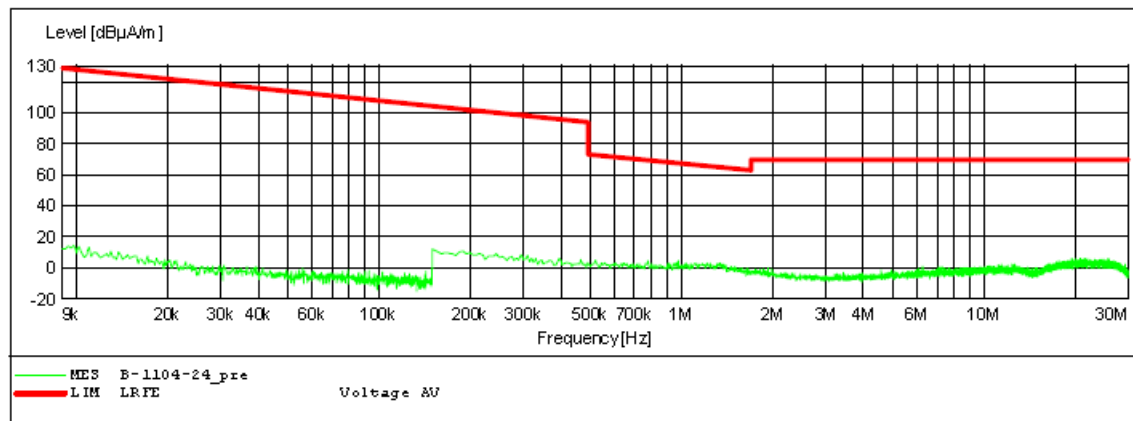
ACCURATE TECHNOLOGY CO., LTD

FCC Class B 3M Radiated

EUT: Later Distance Meter M/N:iLDM-150
Manufacturer:
Operating Condition: TX 2402MHz
Test Site: 2#Shielding Room
Operator: LAN
Test Specification: DC 3V
Comment: Z
Start of Test: 2014-11-04 /

SCAN TABLE: "LFRE Fin"

Short Description:			SUB STD VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M



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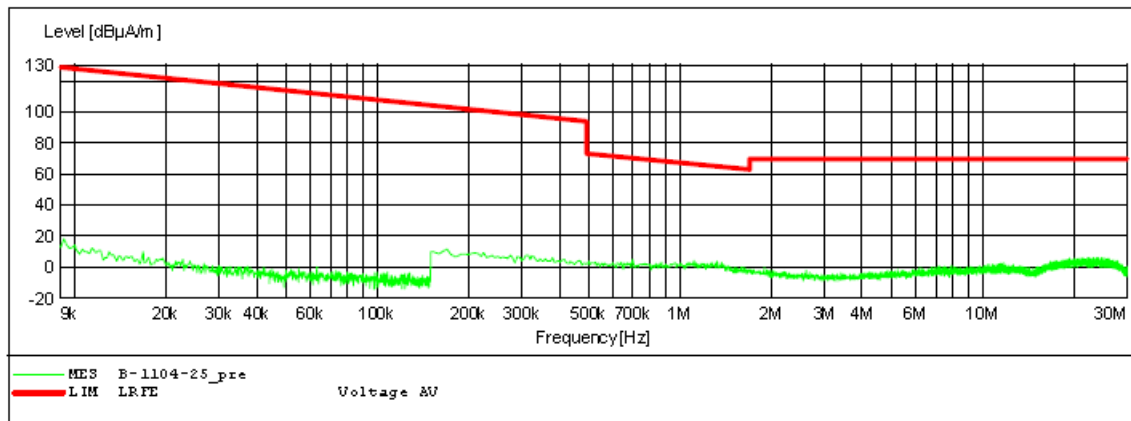
ACCURATE TECHNOLOGY CO., LTD

FCC Class B 3M Radiated

EUT: Later Distance Meter M/N:iLDM-150
Manufacturer:
Operating Condition: TX 2441MHz
Test Site: 2#Shielding Room
Operator: LAN
Test Specification: DC 3V
Comment: X
Start of Test: 2014-11-04 /

SCAN TABLE: "LFRE Fin"

Short Description:			SUB STD VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M



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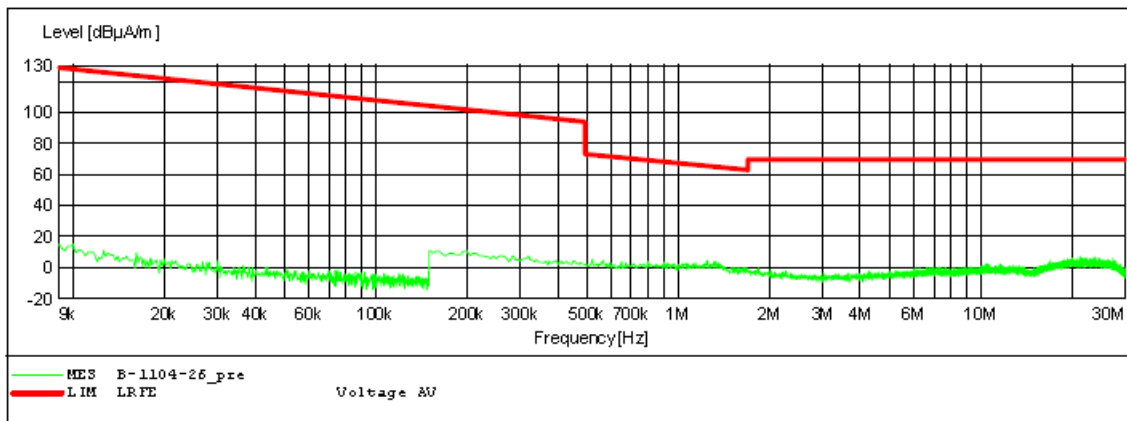
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3M Radiated

EUT: Later Distance Meter M/N:iLDM-150
Manufacturer:
Operating Condition: TX 2441MHz
Test Site: 2#Shielding Room
Operator: LAN
Test Specification: DC 3V
Comment: Y
Start of Test: 2014-11-04 /

SCAN TABLE: "LFRE Fin"

Short Description:			SUB STD VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M



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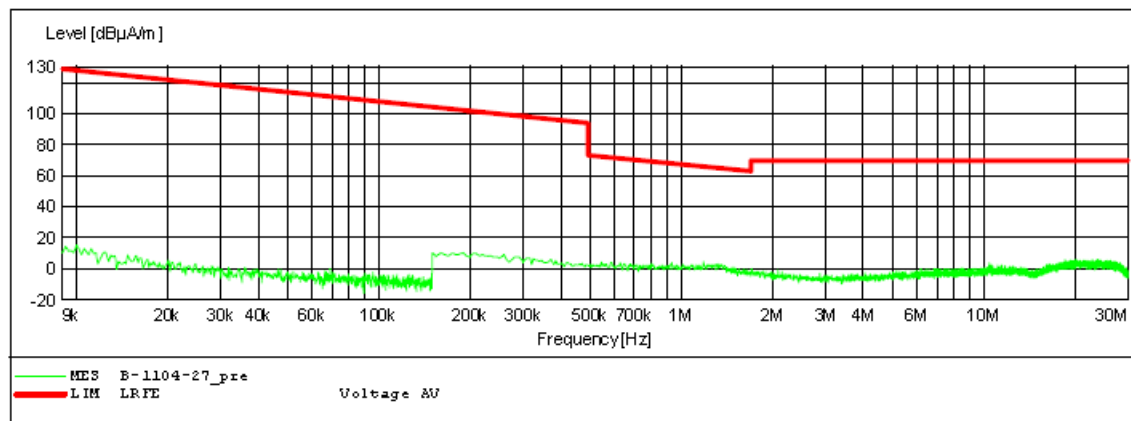
FCC Class B 3M Radiated

EUT: Later Distance Meter M/N:iLDM-150
Manufacturer:
Operating Condition: TX 2441MHz
Test Site: 2#Shielding Room
Operator: LAN
Test Specification: DC 3V
Comment: Z
Start of Test: 2014-11-04 /

SCAN TABLE: "LFRE Fin"

Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

Short Description: SUB STD VTERM2 1.70



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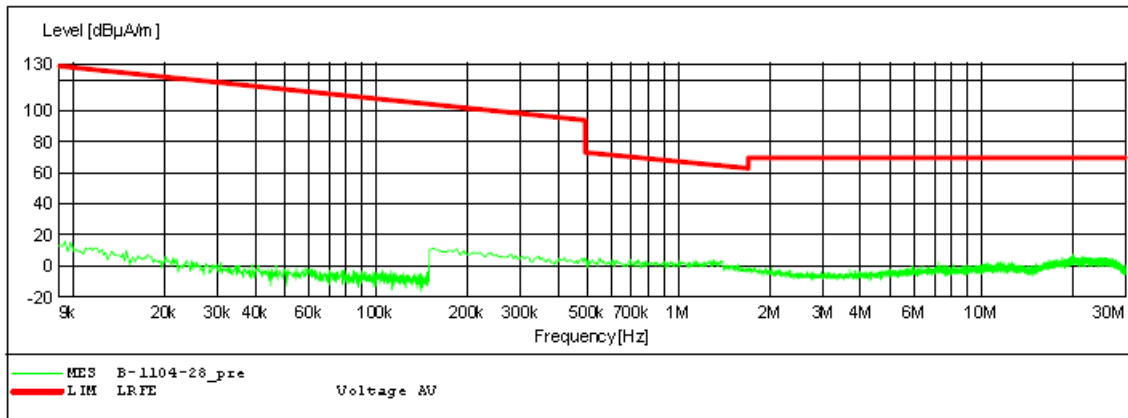
ACCURATE TECHNOLOGY CO., LTD

FCC Class B 3M Radiated

EUT: Later Distance Meter M/N:iLDM-150
Manufacturer:
Operating Condition: TX 2480MHz
Test Site: 2#Shielding Room
Operator: LAN
Test Specification: DC 3V
Comment: X
Start of Test: 2014-11-04 /

SCAN TABLE: "LFRE Fin"

Short Description:			SUB STD VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M



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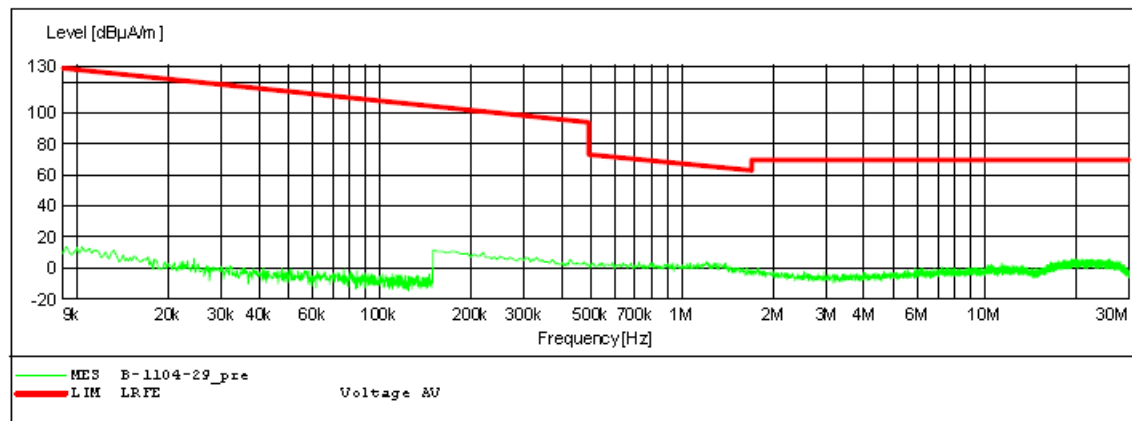
ACCURATE TECHNOLOGY CO., LTD

FCC Class B 3M Radiated

EUT: Later Distance Meter M/N:iLDM-150
Manufacturer:
Operating Condition: TX 2480MHz
Test Site: 2#Shielding Room
Operator: LAN
Test Specification: DC 3V
Comment: Y
Start of Test: 2014-11-04 /

SCAN TABLE: "LFE Fin"

Short Description:			SUB STD VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M



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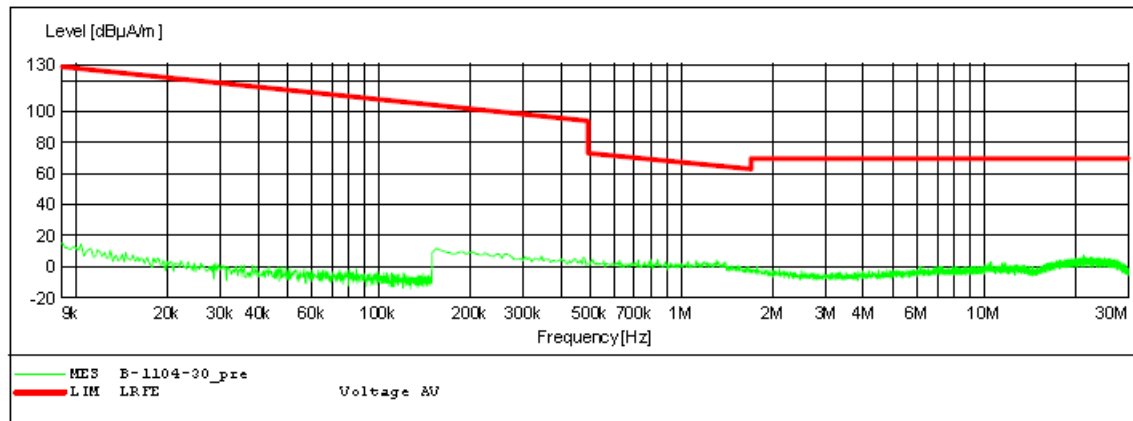
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3M Radiated

EUT: Later Distance Meter M/N:iLDM-150
Manufacturer:
Operating Condition: TX 2480MHz
Test Site: 2#Shielding Room
Operator: LAN
Test Specification: DC 3V
Comment: Z
Start of Test: 2014-11-04 /

SCAN TABLE: "LFRE Fin"

Short Description:			SUB STD VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M



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ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

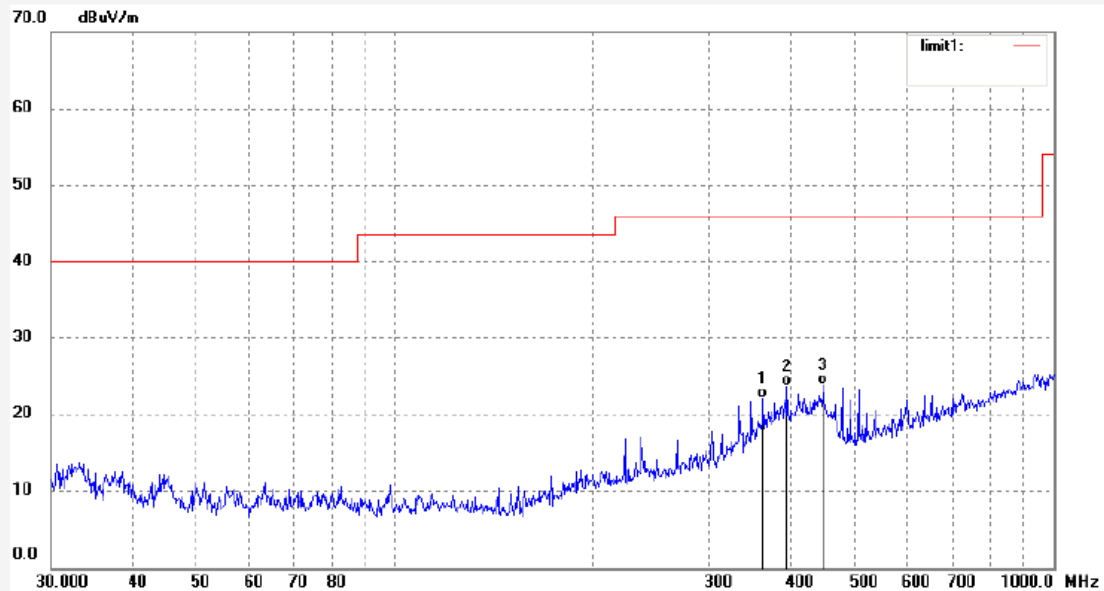
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: LAN2 #1
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Laster Distance Meter
Mode: TX 2402MHz
Model: iLDM-150
Manufacturer:

Polarization: Horizontal
Power Source: DC 3V
Date: 14/11/04/
Time:
Engineer Signature:
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	364.2478	37.94	-15.88	22.06	46.00	-23.94	QP			
2	398.1198	39.34	-15.64	23.70	46.00	-22.30	QP			
3	448.2619	38.61	-14.71	23.90	46.00	-22.10	QP			

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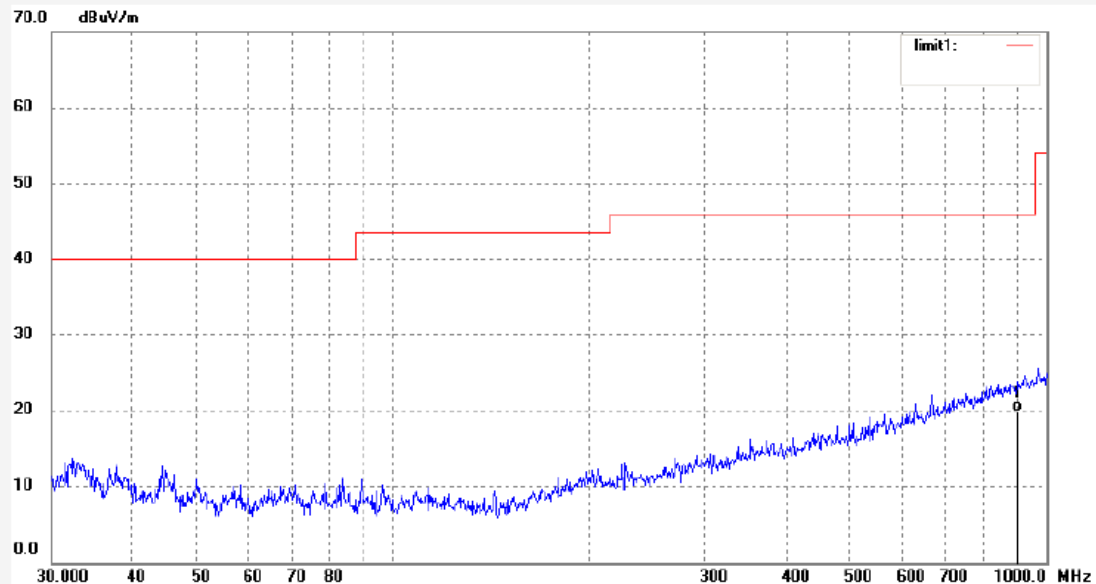
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
Tel:+86-0755-26503290
Fax: +86-0755-26503396

Job No.: LAN2 #2
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Laster Distance Meter
Mode: TX 2402MHz
Model: iLDM-150
Manufacturer:

Polarization: Vertical
Power Source: DC 3V
Date: 14/11/04/
Time:
Engineer Signature:
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	906.3039	25.88	-6.00	19.88	46.00	-26.12	QP			

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F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

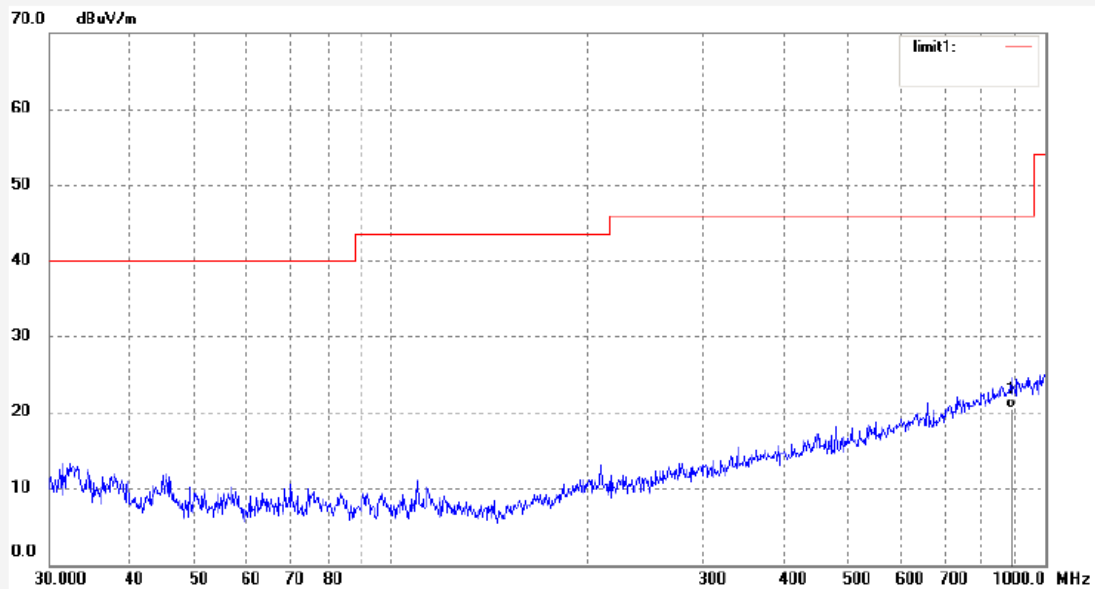
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: LAN2 #3
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Laster Distance Meter
Mode: TX 2441MHz
Model: iLDM-150
Manufacturer:

Polarization: Vertical
Power Source: DC 3V
Date: 14/11/04/
Time:
Engineer Signature:
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	887.3976	26.89	-6.32	20.57	46.00	-25.43	QP			

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F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

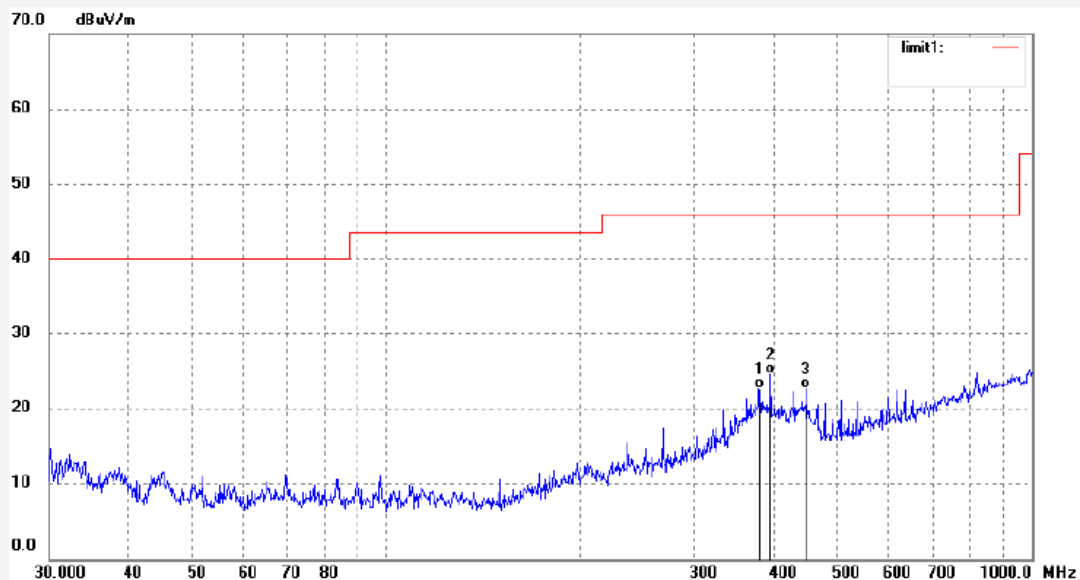
Tel: +86-0755-26503280

Fax: +86-0755-26503396

Job No.: LAN2 #4
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Laster Distance Meter
Mode: TX 2441MHz
Model: iLDM-150
Manufacturer:

Polarization: Horizontal
Power Source: DC 3V
Date: 14/11/04/
Time:
Engineer Signature:
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	380.8480	38.52	-15.78	22.74	46.00	-23.26	QP			
2	396.1198	40.22	-15.67	24.55	46.00	-21.45	QP			
3	448.2619	37.40	-14.71	22.69	46.00	-23.31	QP			

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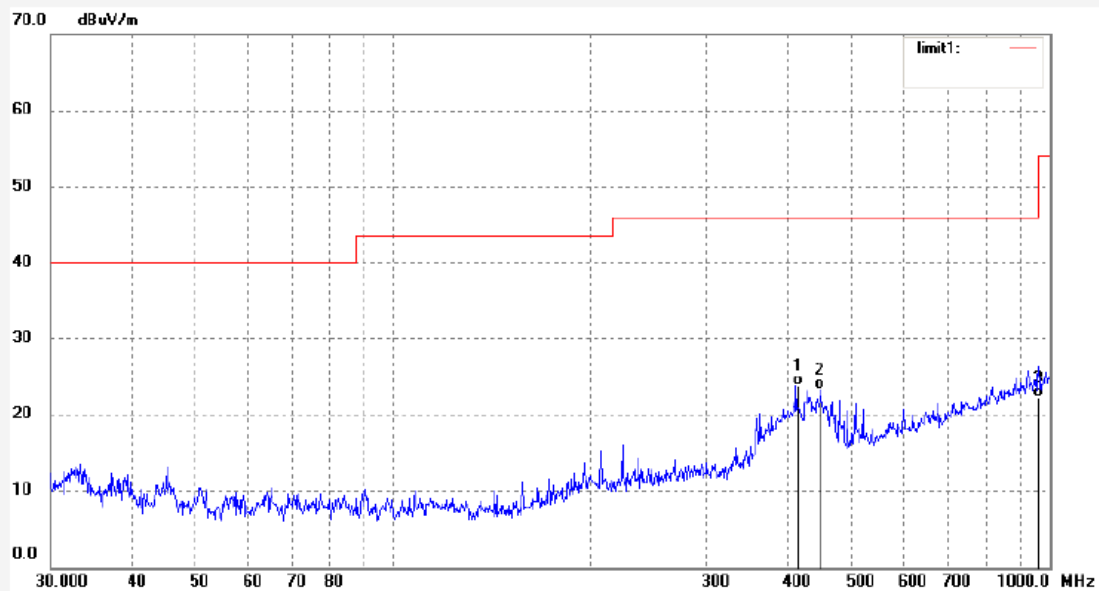
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
Tel:+86-0755-26503290
Fax: +86-0755-26503396

Job No.: LAN2 #5
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Laster Distance Meter
Mode: TX 2480MHz
Model: iLDM-150
Manufacturer:

Polarization: Horizontal
Power Source: DC 3V
Date: 14/11/04/
Time:
Engineer Signature:
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	416.0924	39.31	-15.40	23.91	48.00	-22.09	QP			
2	448.2619	38.12	-14.71	23.41	48.00	-22.59	QP			
3	962.0878	27.59	-5.23	22.36	54.00	-31.64	QP			

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ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

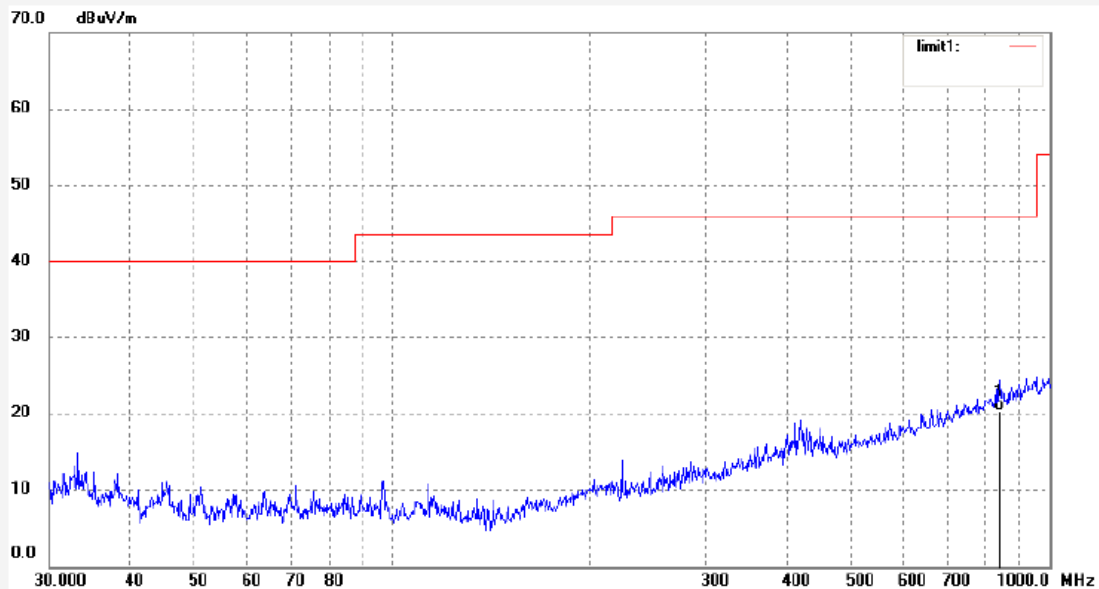
Tel:+86-0755-26503290

Fax: +86-0755-26503396

Job No.: LAN2 #6
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Laster Distance Meter
Mode: TX 2480MHz
Model: iLDM-150
Manufacturer:

Polarization: Vertical
Power Source: DC 3V
Date: 14/11/04/
Time:
Engineer Signature:
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	838.8869	27.60	-7.15	20.45	46.00	-25.55	QP			

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ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: LAN2 #7

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: Laster Distance Meter

Mode: TX 2402MHz

Model: iLDM-150

Manufacturer:

Polarization: Vertical

Power Source: DC 3V

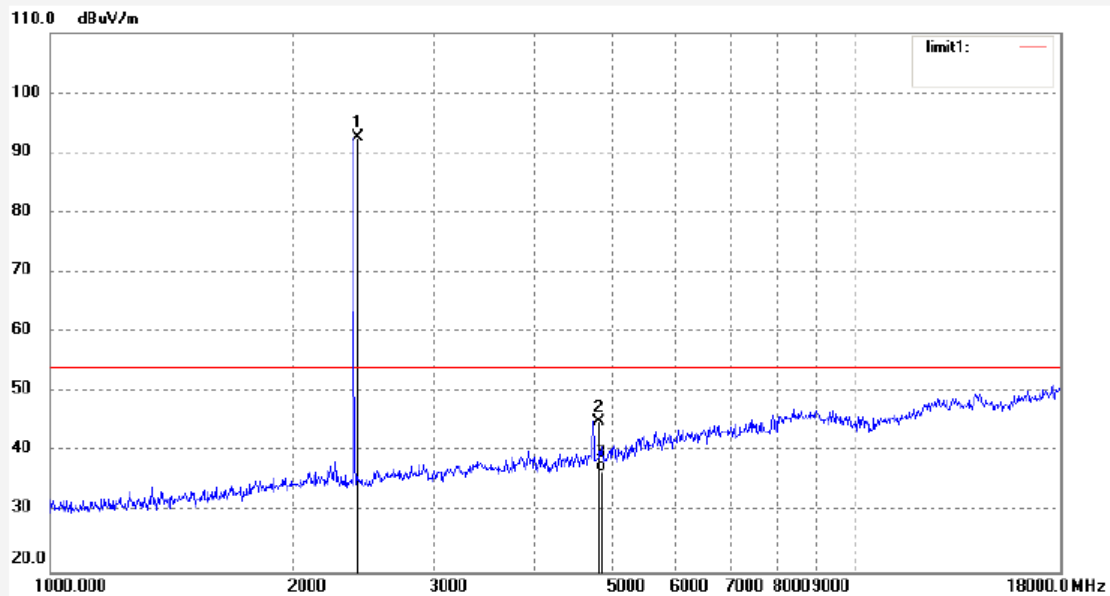
Date: 14/11/04/

Time:

Engineer Signature:

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2402.000	98.82	-6.27	92.55	/	/	peak			
2	4804.027	45.33	-0.19	45.14	74.00	-28.86	peak			
3	4804.027	37.06	-0.19	36.87	54.00	-17.13	AVG			

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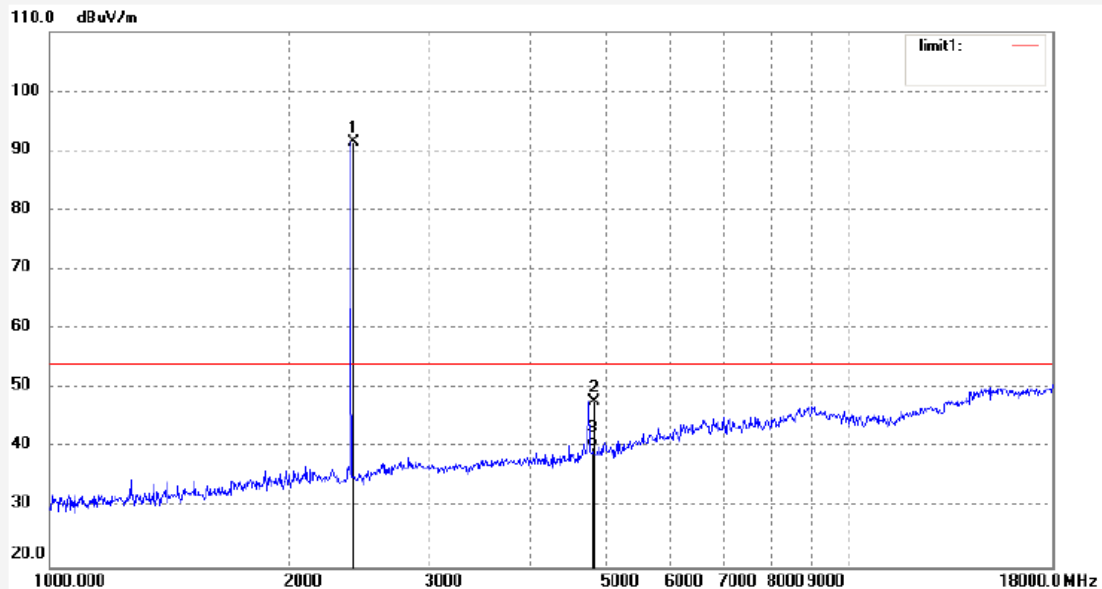
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: LAN2 #8
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Laster Distance Meter
Mode: TX 2402MHz
Model: iLDM-150
Manufacturer:

Polarization: Horizontal
Power Source: DC 3V
Date: 14/11/04/
Time:
Engineer Signature:
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2402.000	97.60	-6.27	91.33	/	/	peak			
2	4804.018	48.07	-0.19	47.88	74.00	-26.12	peak			
3	4804.018	40.25	-0.19	40.06	54.00	-13.94	AVG			

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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

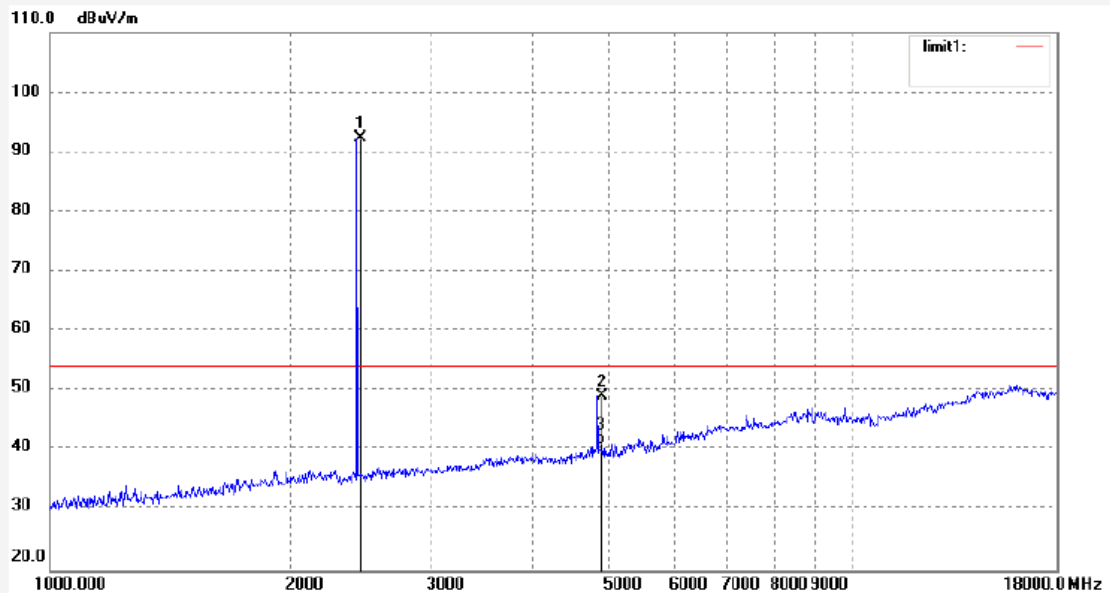
Tel:+86-0755-26503290

Fax: +86-0755-26503396

Job No.: LAN2 #11
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Laster Distance Meter
Mode: TX 2441MHz
Model: iLDM-150
Manufacturer:

Polarization: Vertical
Power Source: DC 3V
Date: 14/11/04/
Time:
Engineer Signature:
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2441.000	98.54	-6.16	92.38	/	/	peak			
2	4882.031	49.01	0.09	49.10	74.00	-24.90	peak			
3	4882.031	40.85	0.09	40.94	54.00	-13.06	AVG			

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Site: 2# Chamber

Tel: +86-0755-26503290

Fax: +86-0755-26503398

Job No.: LAN2 #12

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: Laster Distance Meter

Mode: TX 2441MHz

Model: iLDM-150

Manufacturer:

Polarization: Horizontal

Power Source: DC 3V

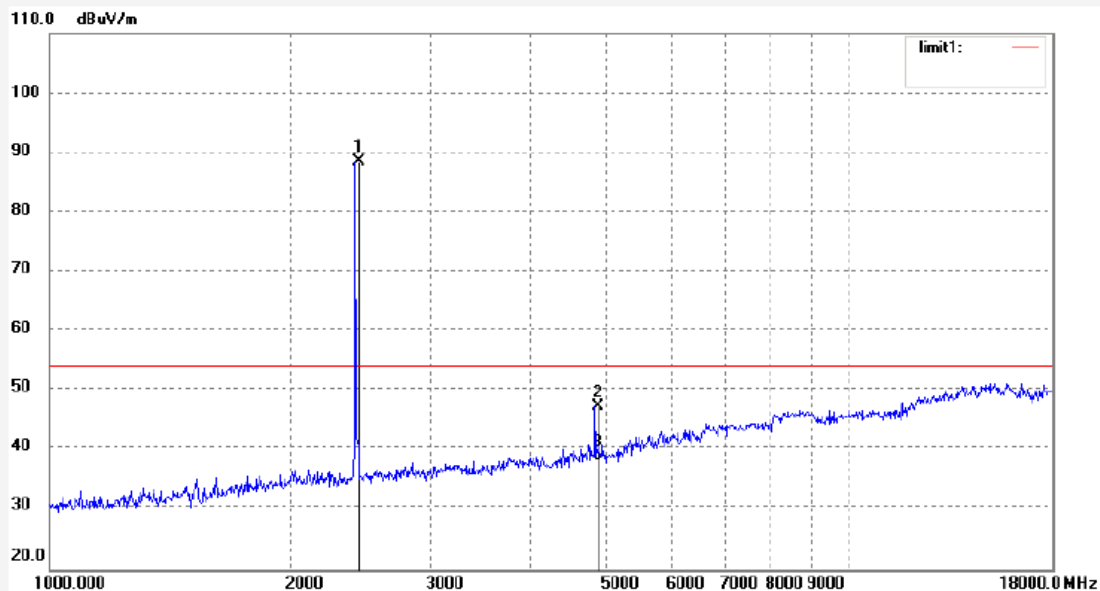
Date: 14/11/04/

Time:

Engineer Signature:

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2441.000	94.66	-6.16	88.50	/	/	peak			
2	4882.024	47.32	0.09	47.41	74.00	-26.59	peak			
3	4882.024	38.07	0.09	38.16	54.00	-15.84	AVG			

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F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 1# Chamber

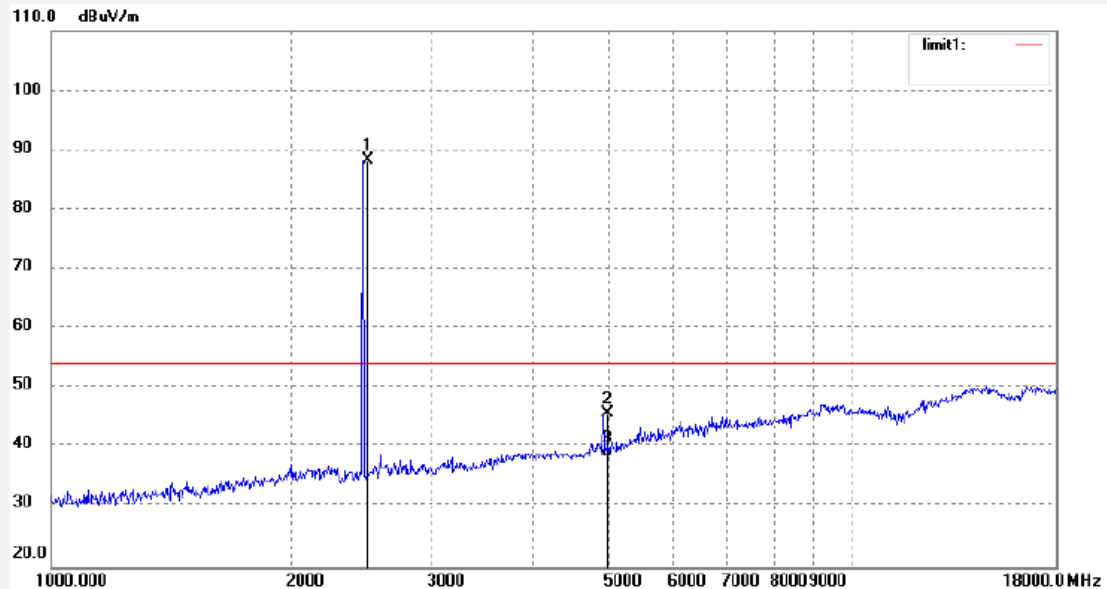
Tel:+86-0755-28503290

Fax: +86-0755-28503396

Job No.: LAN2 #13
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Laster Distance Meter
Mode: TX 2480MHz
Model: iLDM-150
Manufacturer:

Polarization: Horizontal
Power Source: DC 3V
Date: 14/11/04/
Time:
Engineer Signature:
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2480.000	94.38	-6.05	88.33	/	/	peak			
2	4960.016	45.32	0.36	45.68	54.00	-8.32	peak			
3	4960.016	38.07	0.36	38.43	54.00	-15.57	AVG			

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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

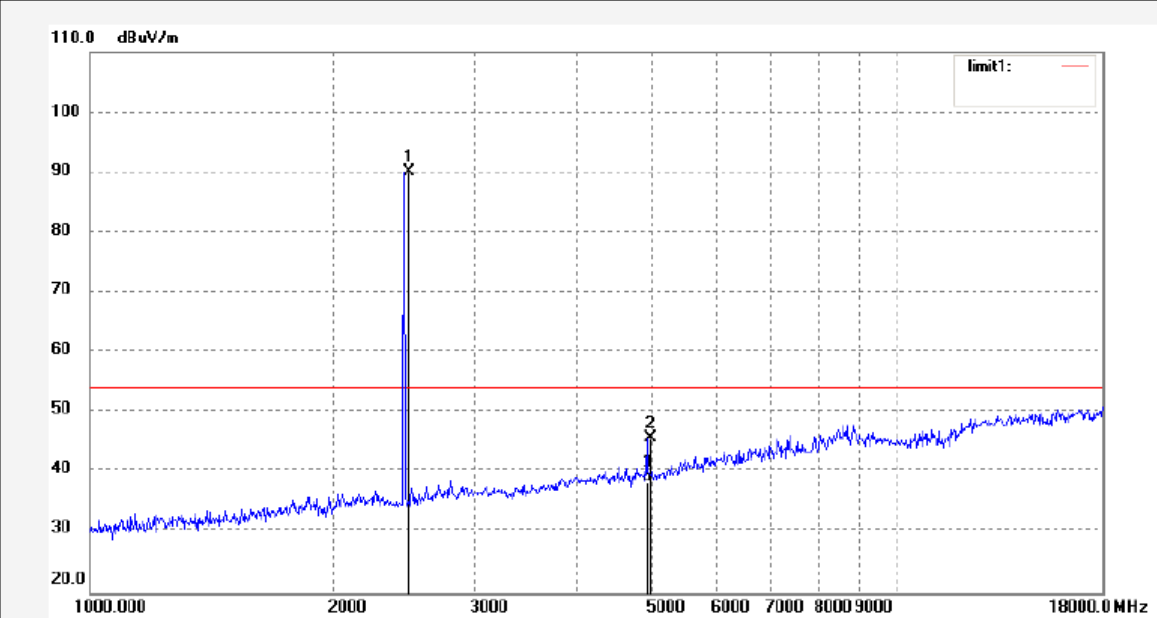
Tel:+86-0755-26503290

Fax: +86-0755-26503396

Job No.: LAN2 #14
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Laster Distance Meter
Mode: TX 2480MHz
Model: iLDM-150
Manufacturer:

Polarization: Vertical
Power Source: DC 3V
Date: 14/11/04/
Time:
Engineer Signature:
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2480.000	96.08	-6.05	90.03	/	/	peak			
2	4960.024	45.34	0.36	45.70	74.00	-28.30	peak			
3	4960.024	38.05	0.36	38.41	54.00	-15.59	AVG			

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F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
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Site: 2# Chamber

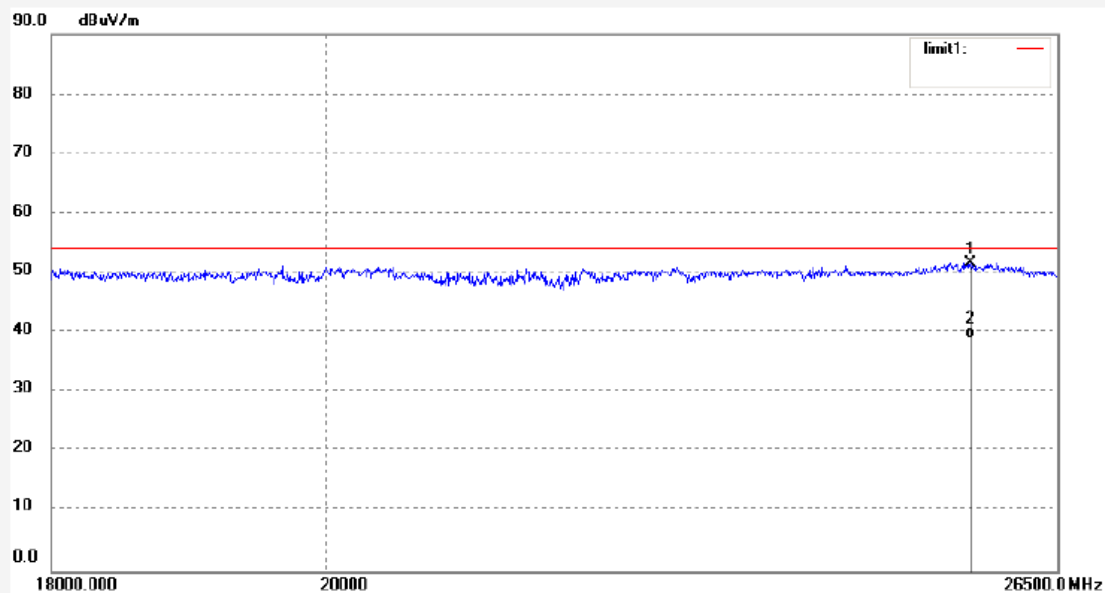
Tel:+86-0755-26503290

Fax: +86-0755-26503396

Job No.: LAN2 #496
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Laster Distance Meter
Mode: TX 2402MHz
Model: iLDM-150
Manufacturer:

Polarization: Horizontal
Power Source: DC 3V
Date: 14/11/04/
Time:
Engineer Signature:
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	25631.334	33.12	18.60	51.72	74.00	-22.28	peak			
2	25631.334	20.43	18.60	39.03	54.00	-14.97	AVG			

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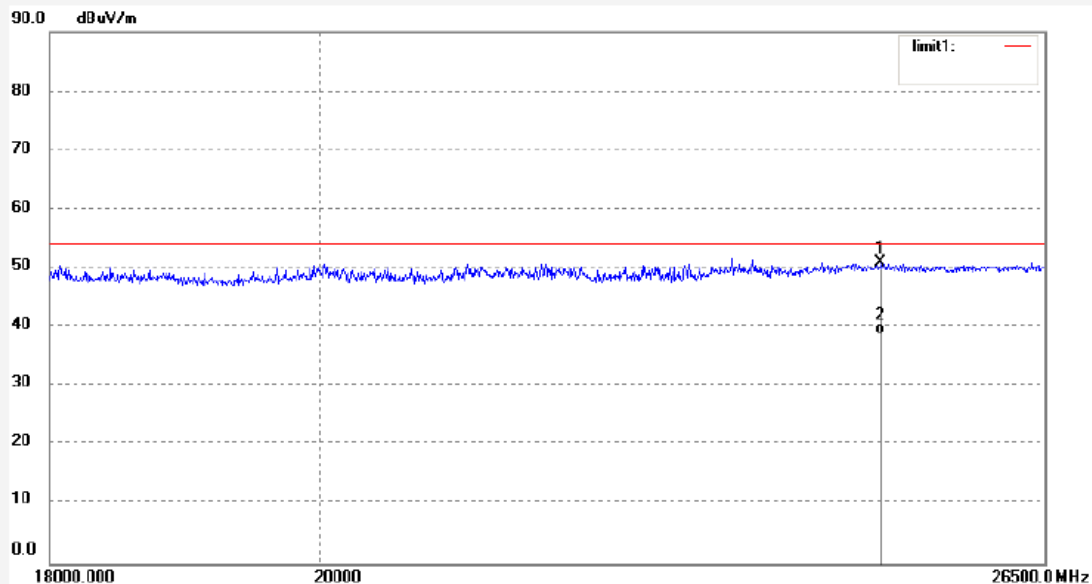
F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
Tel:+86-0755-26503290
Fax: +86-0755-26503396

Job No.: LAN2 #497
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Laster Distance Meter
Mode: TX 2402MHz
Model: iLDM-150
Manufacturer:

Polarization: Vertical
Power Source: DC 3V
Date: 14/11/04/
Time:
Engineer Signature:
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	24868.125	32.56	18.33	50.89	74.00	-23.11	peak			
2	24868.125	20.38	18.33	38.71	54.00	-15.29	AVG			

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F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

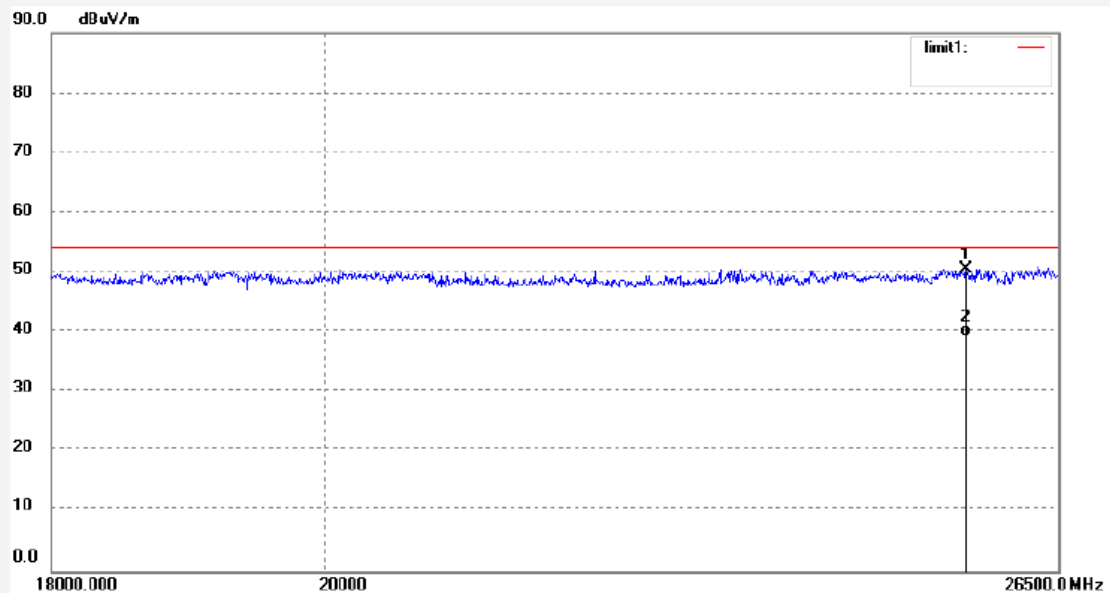
Tel:+86-0755-26503290

Fax: +86-0755-26503396

Job No.: LAN2 #498
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Laster Distance Meter
Mode: TX 2441MHz
Model: iLDM-150
Manufacturer:

Polarization: Vertical
Power Source: DC 3V
Date: 14/11/04/
Time:
Engineer Signature:
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	25581.715	32.01	18.58	50.59	74.00	-23.41	peak			
2	25581.715	20.67	18.58	39.25	54.00	-14.75	AVG			

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ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

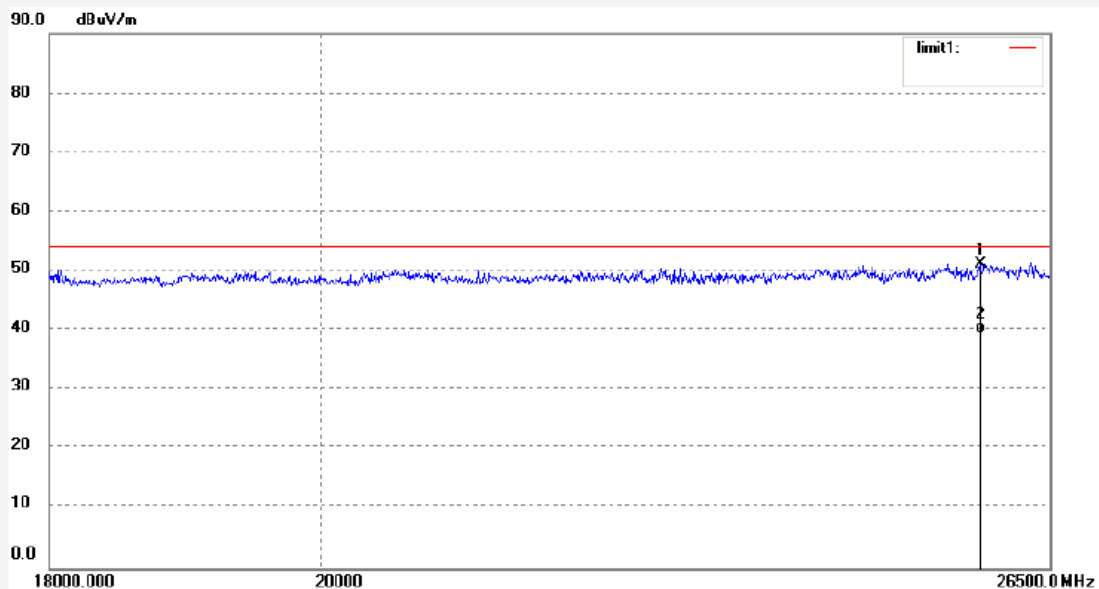
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: LAN2 #499
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Laster Distance Meter
Mode: TX 2441MHz
Model: iLDM-150
Manufacturer:

Polarization: Horizontal
Power Source: DC 3V
Date: 14/11/04/
Time:
Engineer Signature:
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	25800.759	32.55	18.65	51.20	74.00	-22.80	peak			
2	25800.759	20.75	18.65	39.40	54.00	-14.60	AVG			

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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

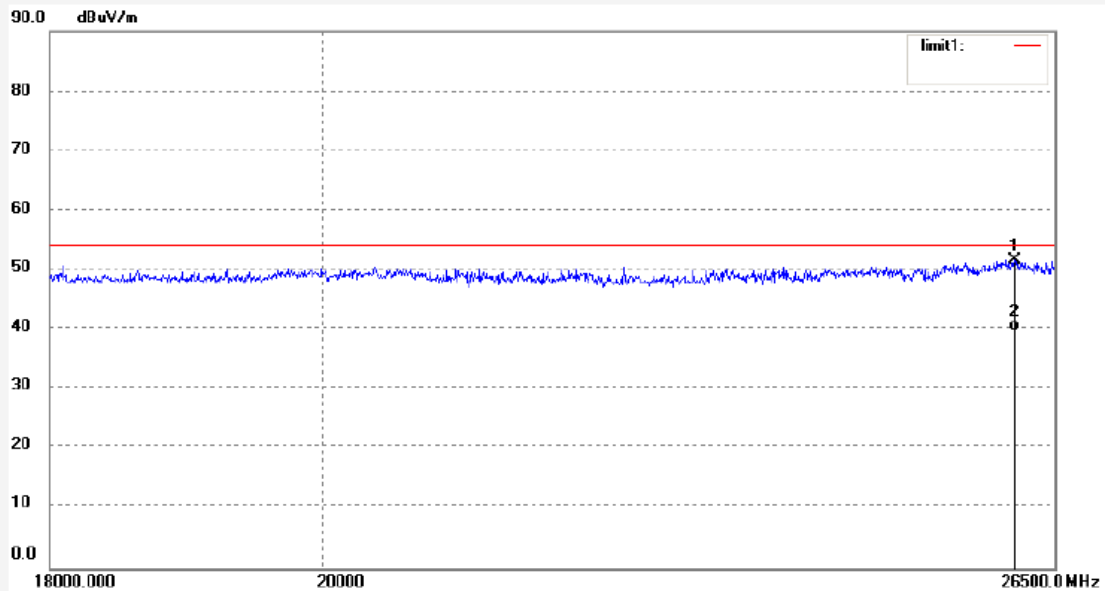
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: LAN2 #500
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Laster Distance Meter
Mode: TX 2480MHz
Model: iLDM-150
Manufacturer:

Polarization: Horizontal
Power Source: DC 3V
Date: 14/11/04/
Time:
Engineer Signature:
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26102.481	32.90	18.76	51.66	74.00	-22.34	peak			
2	26102.481	20.87	18.76	39.63	54.00	-14.37	AVG			

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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

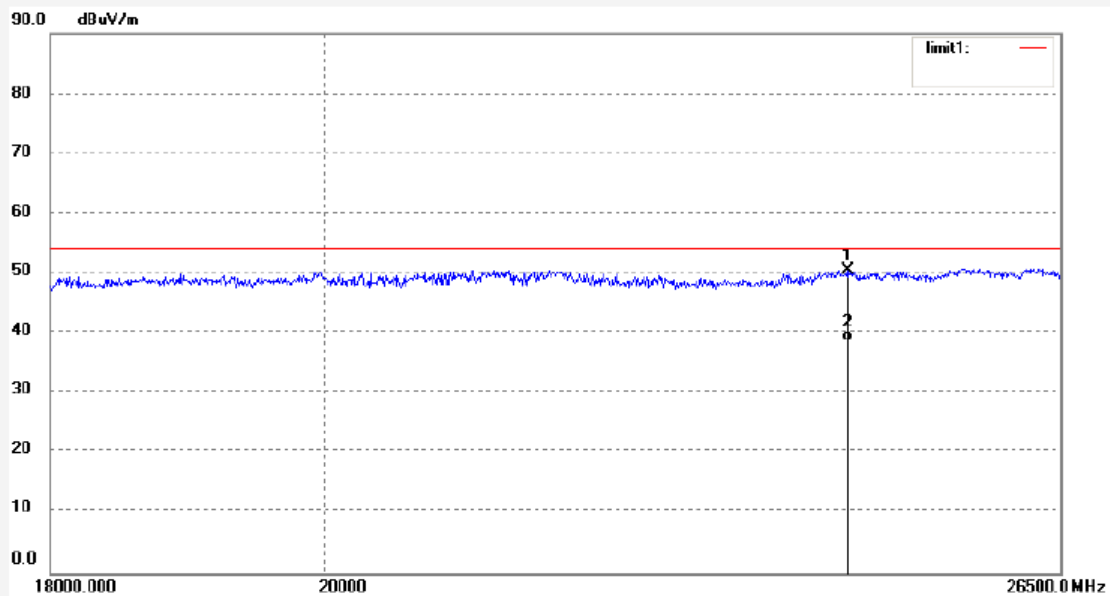
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: LAN2 #501
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Laster Distance Meter
Mode: TX 2480MHz
Model: iLDM-150
Manufacturer:

Polarization: Vertical
Power Source: DC 3V
Date: 14/11/04/
Time:
Engineer Signature:
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	24428.724	32.51	18.03	50.54	74.00	-23.46	peak			
2	24428.724	20.45	18.03	38.48	54.00	-15.52	AVG			

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Site: 1# Chamber

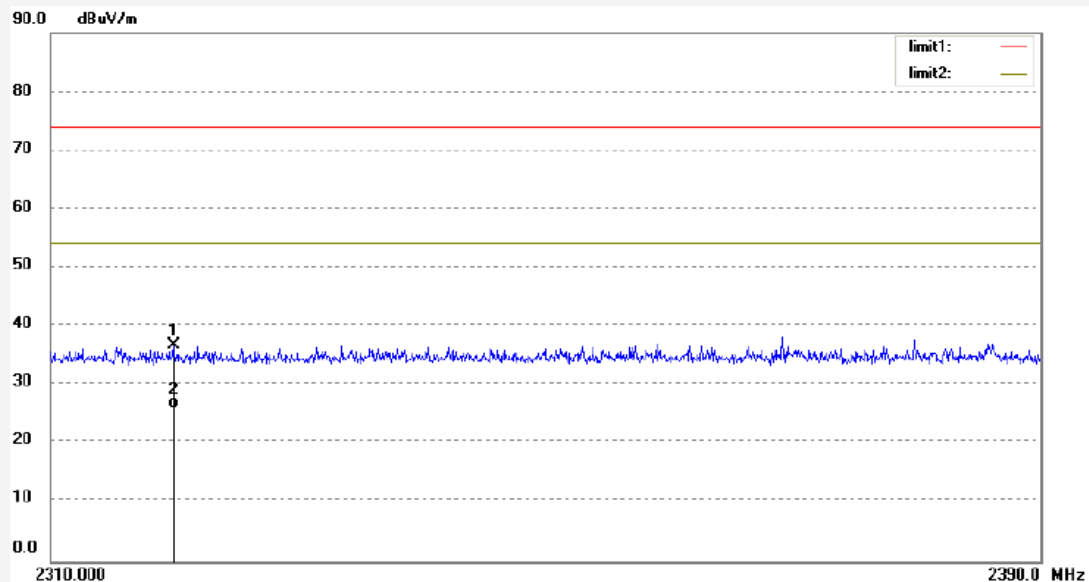
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: LAN2 #9
Standard: FCC (Band Edge)
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Laster Distance Meter
Mode: TX 2402MHz
Model: iLDM-150
Manufacturer:

Polarization: Horizontal
Power Source: DC 3V
Date: 14/11/04/
Time:
Engineer Signature:
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2319.792	43.20	-6.50	36.70	74.00	-37.30	peak			
2	2319.792	32.54	-6.50	26.04	54.00	-27.96	AVG			

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Site: 1# Chamber

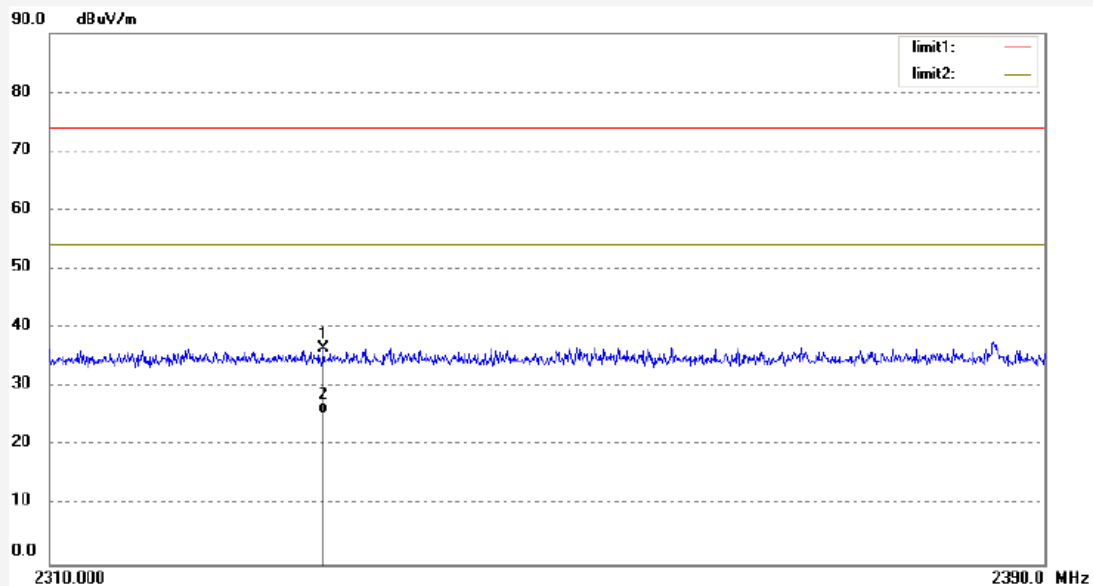
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: LAN2 #10
Standard: FCC (Band Edge)
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Laster Distance Meter
Mode: TX 2402MHz
Model: iLDM-150
Manufacturer:

Polarization: Vertical
Power Source: DC 3V
Date: 14/11/04/
Time:
Engineer Signature:
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2331.773	43.14	-6.47	36.67	74.00	-37.33	peak			
2	2331.773	31.92	-6.47	25.45	54.00	-28.55	AVG			

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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 1# Chamber

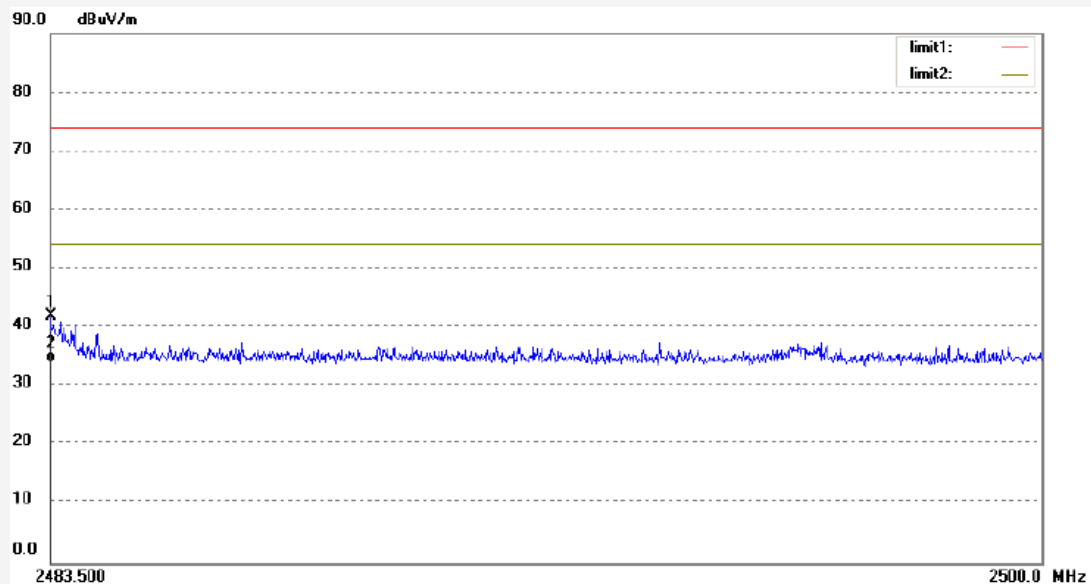
Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: LAN2 #15
Standard: FCC (Band Edge)
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Laster Distance Meter
Mode: TX 2480MHz
Model: iLDM-150
Manufacturer:

Polarization: Vertical
Power Source: DC 3V
Date: 14/11/04/
Time:
Engineer Signature:
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	47.91	-6.04	41.87	74.00	-32.13	peak			
2	2483.500	40.08	-6.04	34.04	54.00	-19.96	AVG			

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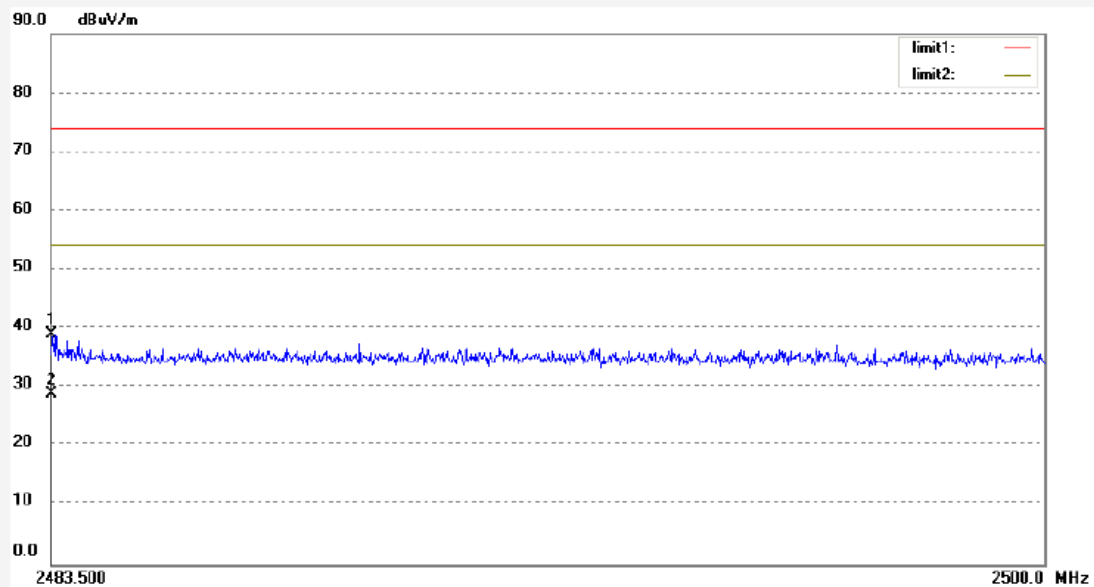
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 1# Chamber
Tel:+86-0755-26503290
Fax: +86-0755-26503398

Job No.: LAN2 #18
Standard: FCC (Band Edge)
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Laster Distance Meter
Mode: TX 2480MHz
Model: iLDM-150
Manufacturer:

Polarization: Horizontal
Power Source: DC 3V
Date: 14/11/04/
Time:
Engineer Signature:
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	45.05	-6.04	39.01	74.00	-34.99	peak			
2	2483.500	34.94	-6.04	28.90	74.00	-45.10	peak			

5.2 Radiated Emissions

5.2.1 Radiated Emissions

RESULT:

Pass

Date of testing	:	2014-11-04
Test standard	:	FCC Part 15.109(a) ICES-003 Issue 5 August 2012
Basic standard	:	ANSI C63.4: 2009,
Limit	:	Refer to FCC Part 15.109 (a)
Kind of test site	:	Shield room

Test setup

Operation mode	:	C
Ambient temperature	:	25°C
Relative humidity	:	55%
Atmospheric pressure	:	101 kPa

For details refer to the test plots below.

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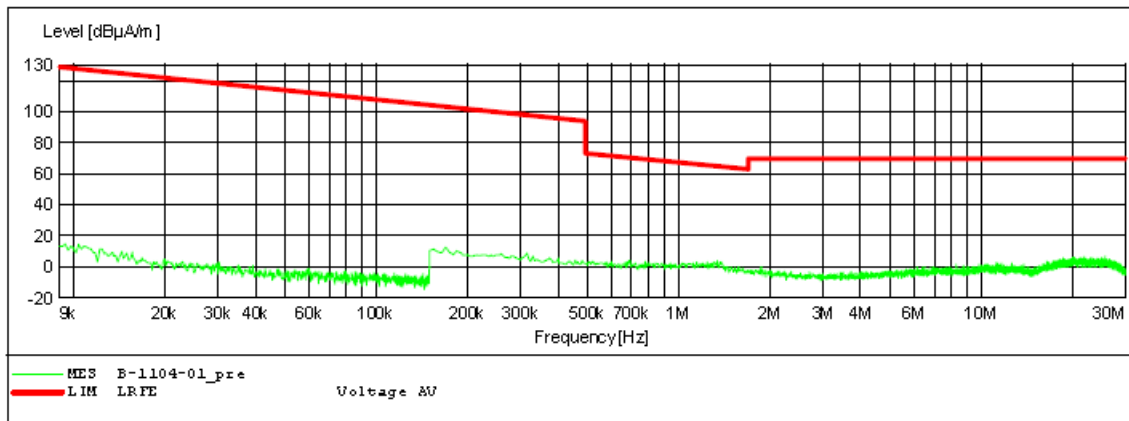
ACCURATE TECHNOLOGY CO., LTD

RADIATED EMISSION STANDARD FCC PART 15 B

EUT: Later Distance Meter M/N:iLDM-150
Manufacturer:
Operating Condition: On
Test Site: 2#Shielding Room
Operator: LAN
Test Specification: DC 3V
Comment: X
Start of Test: 2014-11-04 /

SCAN TABLE: "LFRF Fin"

Short Description:			SUB STD VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M



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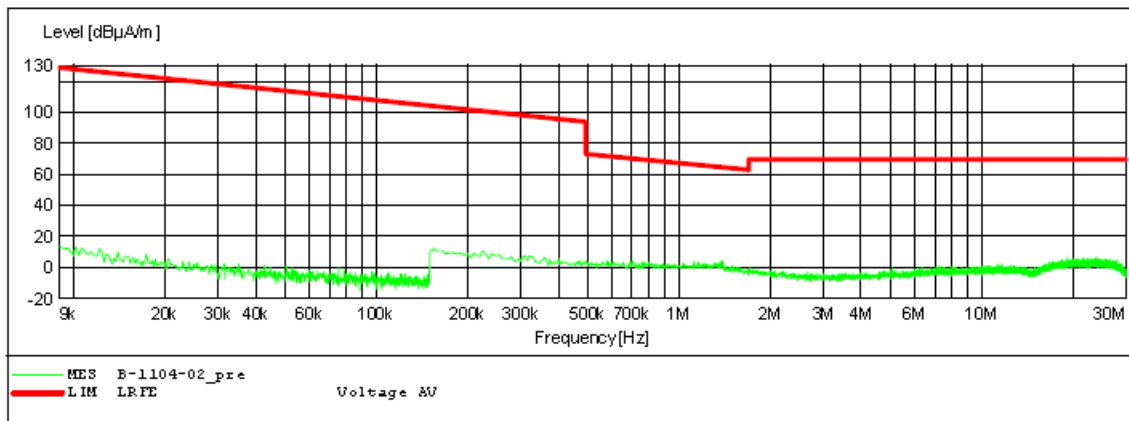
ACCURATE TECHNOLOGY CO.,LTD

RADIATED EMISSION STANDARD FCC PART 15 B

EUT: Later Distance Meter M/N:iLDM-150
Manufacturer:
Operating Condition: On
Test Site: 2#Shielding Room
Operator: LAN
Test Specification: DC 3V
Comment: Y
Start of Test: 2014-11-04 /

SCAN TABLE: "LFRE Fin"

Short Description:			SUB STD VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M



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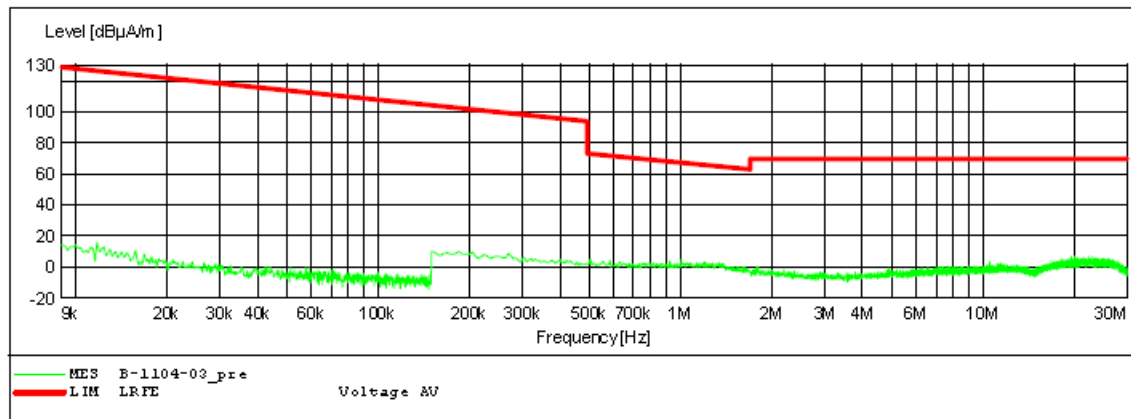
ACCURATE TECHNOLOGY CO., LTD

RADIATED EMISSION STANDARD FCC PART 15 B

EUT: Later Distance Meter M/N:iLDM-150
Manufacturer:
Operating Condition: On
Test Site: 2#Shielding Room
Operator: LAN
Test Specification: DC 3V
Comment: Z
Start of Test: 2014-11-04 /

SCAN TABLE: "LRE Fin"

Short Description:			SUB STD VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M



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Site: 2# Chamber

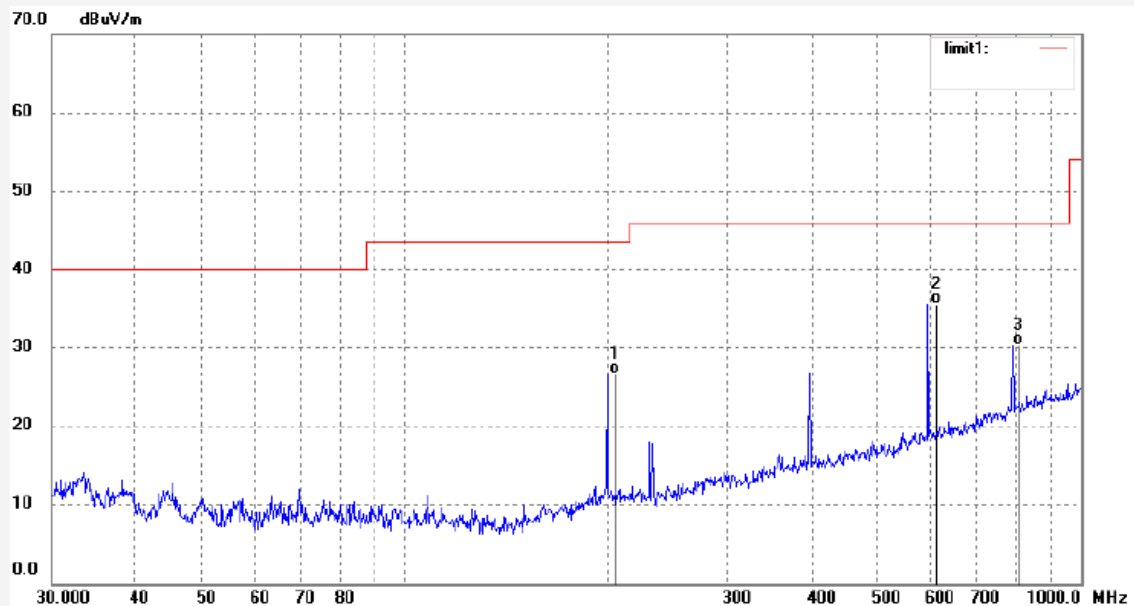
Tel:+86-0755-26503290

Fax: +86-0755-26503396

Job No.: LAN2 #25
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Laster Distance Meter
Mode: On
Model:
Manufacturer:

Polarization: Vertical
Power Source: DC 3V
Date: 14/11/04/
Time:
Engineer Signature:
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	204.4532	46.72	-20.07	26.65	43.50	-16.85	QP			
2	604.6456	47.25	-11.56	35.69	46.00	-10.31	QP			

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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

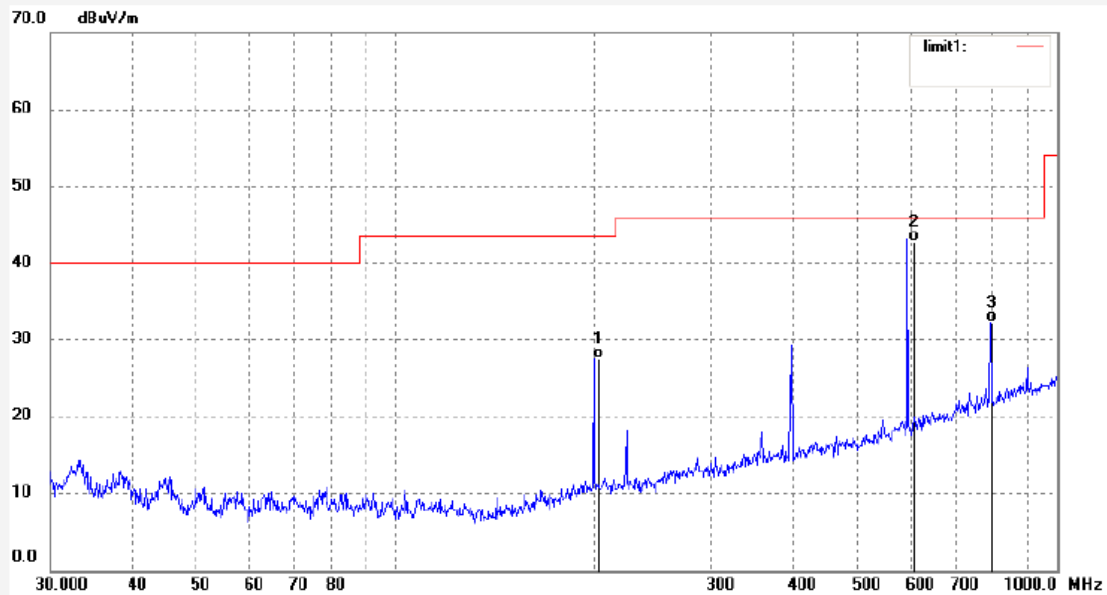
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: LAN2 #26
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Laster Distance Meter
Mode: On
Model: iLDM-150
Manufacturer:

Polarization: Horizontal
Power Source: DC 3V
Date: 14/11/04/
Time:
Engineer Signature:
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	203.3415	47.61	-20.12	27.49	43.50	-16.01	QP			
2	604.5143	54.28	-11.56	42.72	46.00	-3.28	QP			
3	803.0280	40.10	-7.73	32.37	46.00	-13.63	QP			

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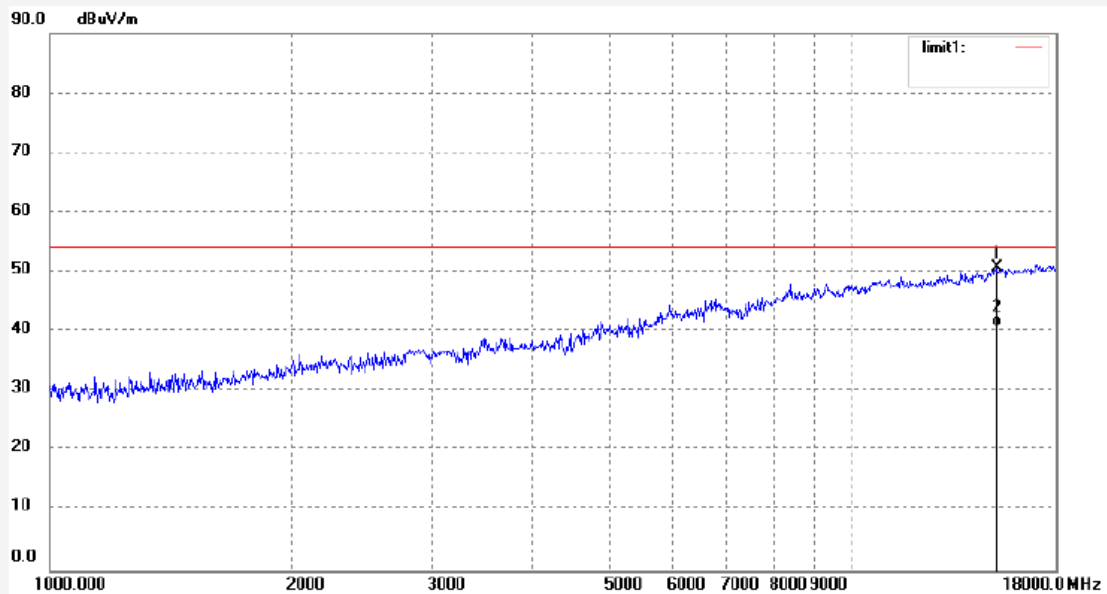
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: LAN2 #23
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Laster Distance Meter
Mode: On
Model: iLDM-150
Manufacturer:

Polarization: Horizontal
Power Source: DC 3V
Date: 14/11/04/
Time:
Engineer Signature:
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	15248.165	1.79	48.90	50.69	74.00	-23.31	peak			
2	15248.165	-8.07	48.90	40.83	54.00	-13.17	AVG			

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Site: 2# Chamber

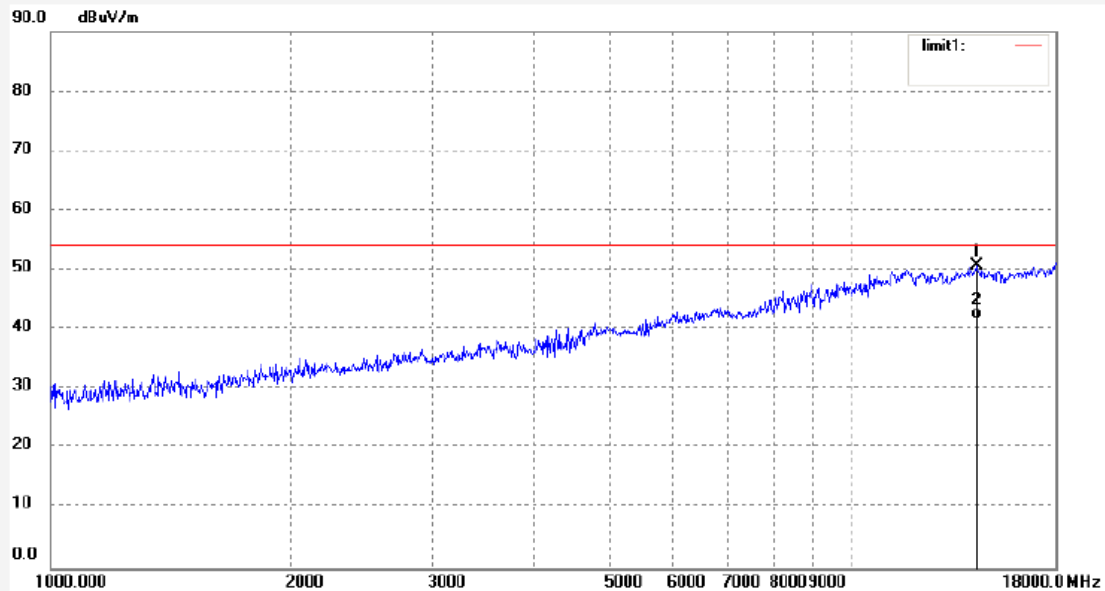
Tel:+86-0755-26503290

Fax: +86-0755-26503396

Job No.: LAN2 #24
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Laster Distance Meter
Mode: On
Model: iLDM-150
Manufacturer:

Polarization: Vertical
Power Source: DC 3V
Date: 14/11/04/
Time:
Engineer Signature:
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	14344.025	1.09	49.65	50.74	74.00	-23.26	peak			
2	14344.025	-7.86	49.65	41.79	54.00	-12.21	AVG			

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Site: 2# Chamber

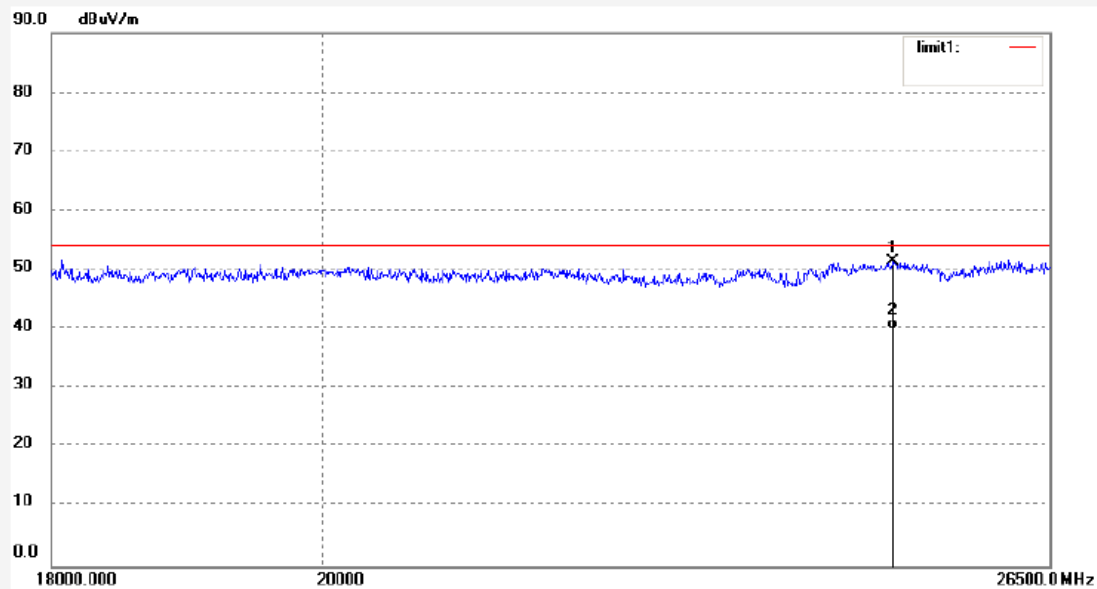
Tel:+86-0755-26503280

Fax: +86-0755-26503396

Job No.: LAN2 #76
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Laster Distance Meter
Mode: On
Model: iLDM-150
Manufacturer:

Polarization: Vertical
Power Source: DC 3V
Date: 14/11/04/
Time:
Engineer Signature:
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	24945.345	33.10	18.36	51.46	74.00	-22.54	peak			
2	24945.345	21.58	18.36	39.94	54.00	-14.06	AVG			

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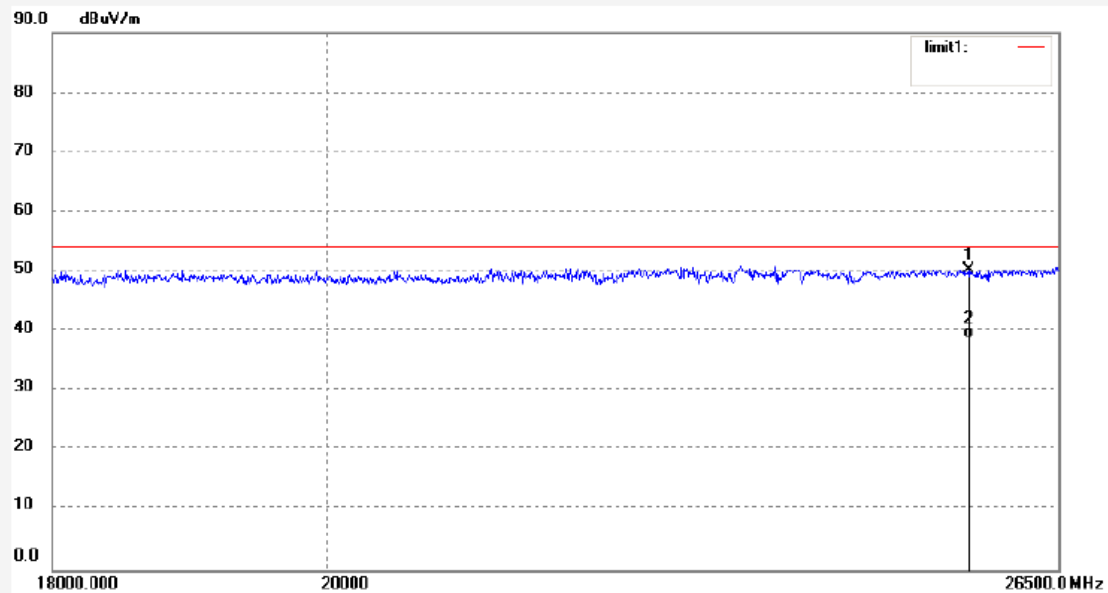
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
Tel: +86-0755-26503290
Fax: +86-0755-26503396

Job No.: LAN2 #77
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Laster Distance Meter
Mode: On
Model: iLDM-150
Manufacturer:

Polarization: Horizontal
Power Source: DC 3V
Date: 14/11/04/
Time:
Engineer Signature:
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	25611.475	31.63	18.59	50.22	74.00	-23.78	peak			
2	25611.475	20.13	18.59	38.72	54.00	-15.28	AVG			

6. Safety Human Exposure

6.1 Radio Frequency Exposure Compliance

6.1.1 Electromagnetic Fields

RESULT:

Pass

Test standard : FCC KDB Publication 447498
RSS-102 Issue 4

The minimum distance for the EUT is 5mm, since maximum peak output power of the transmitter is 1.10mW (0.43dBm), which is far below the SAR exclusion threshold level 10 mW (Appendix A, SAR Test Exclusion Thresholds for 100 MHz – 6 GHz and ≤ 50 mm), hence the EUT is excluded from SAR evaluation according to FCC KDB publication 447498 D01: Mobile and Portable RF Exposure. Guidance v05.

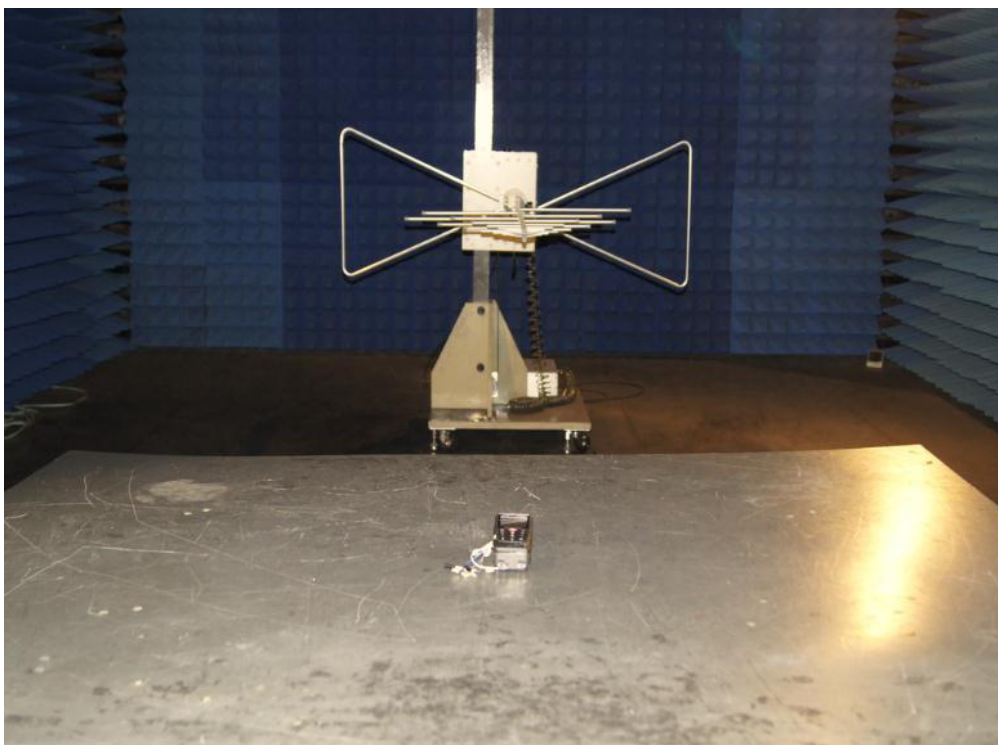
And the EUT is exempted from routine evaluation limits (SAR Evaluation) according to clause 2.5.1 of RSS-102 Issue 4 as well.

7. Photographs of the Test Set-Up

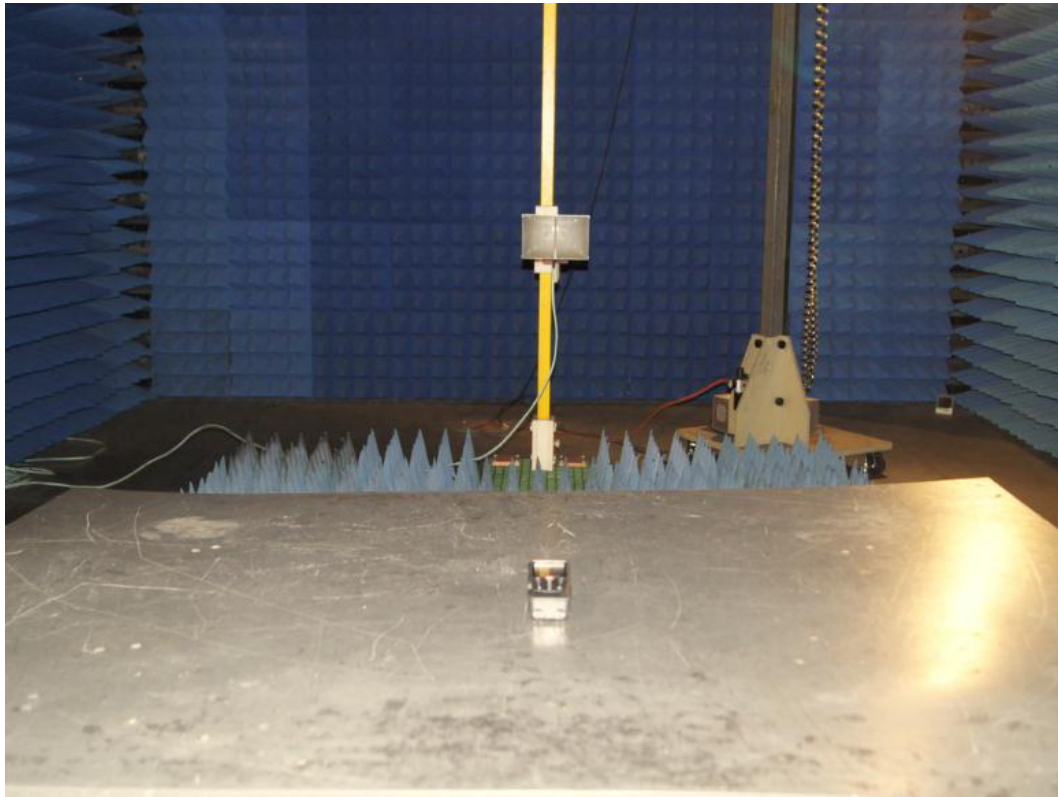
Photograph 1: Set-up for Radiated Spurious Emissions, 9 KHz-30MHz



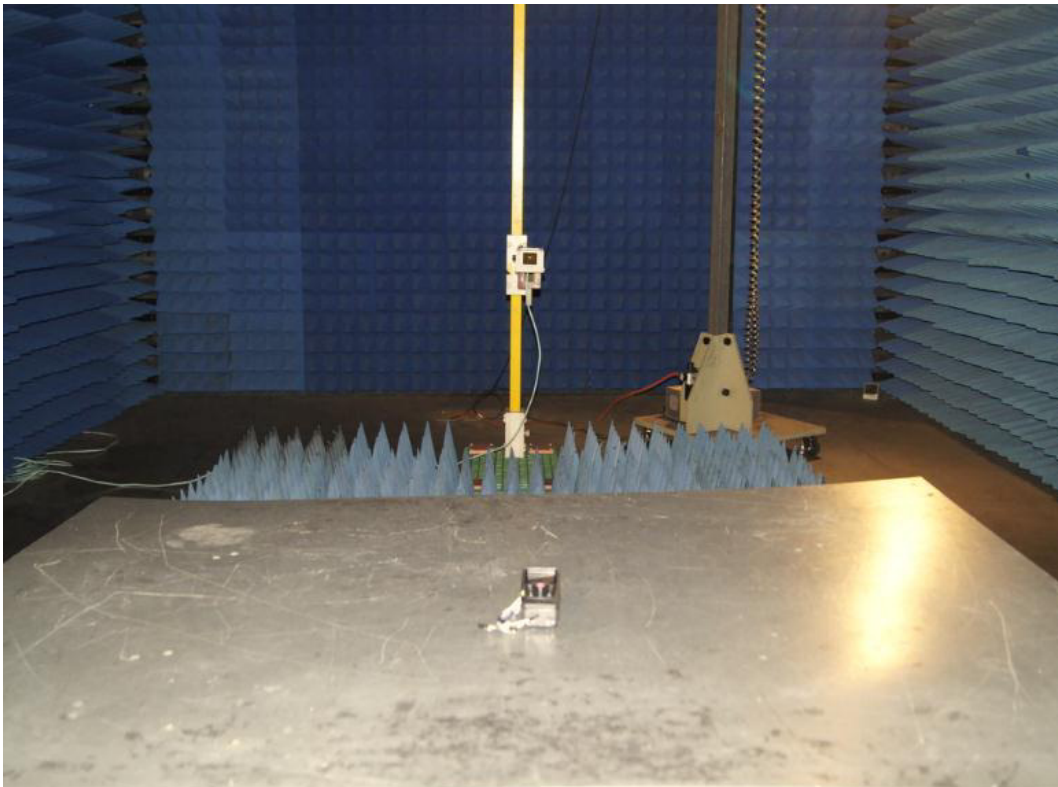
Photograph 2: Set-up for Radiated Spurious Emissions, 30MHz-1GHz



Photograph 3: Set-up for Radiated Spurious Emissions, 1GHz-18GHz



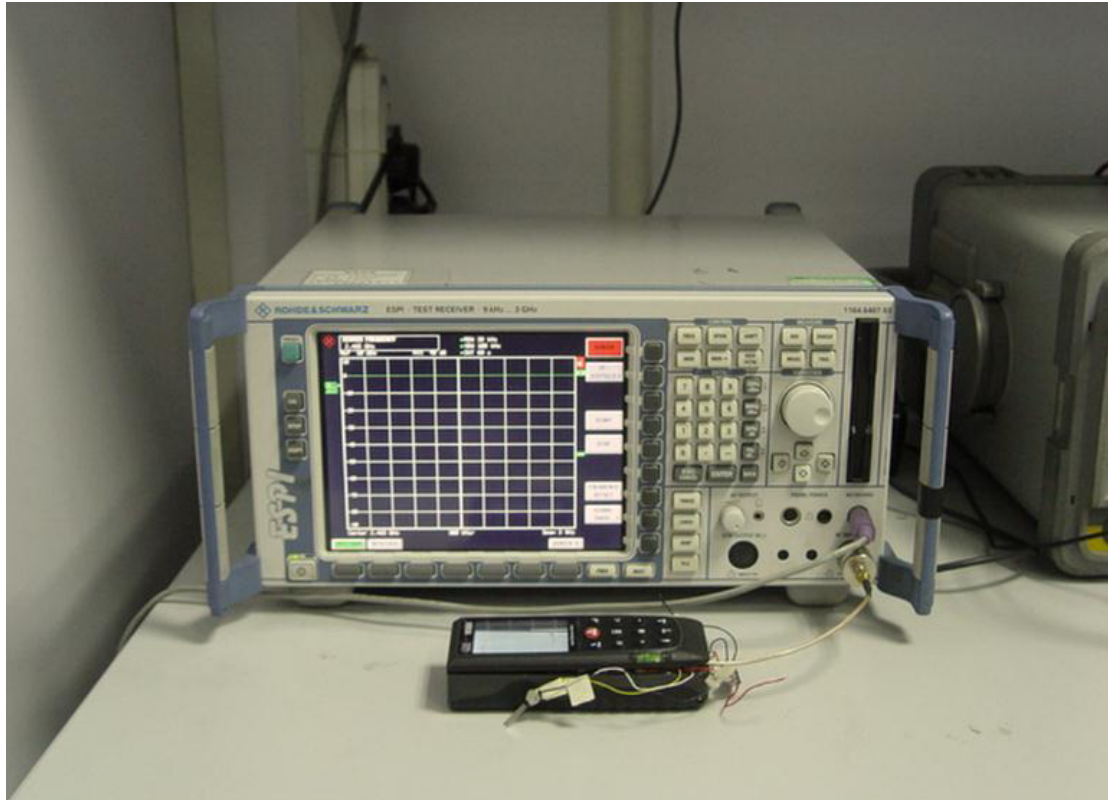
Photograph 4: Set-up for Radiated Spurious Emissions, 18GHz-25GHz



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Photograph 5: Set-up for radio spectrum test



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