

Prüfbericht-Nr.: <i>Test Report No.:</i>	17051839 001	Auftrags-Nr.: <i>Order No.:</i>	164042267	Seite 1 von 140 <i>Page 1 of 140</i>
Kunden-Referenz-Nr.: <i>Client Reference No.:</i>	N/A	Auftragsdatum: <i>Order date:</i>	30.07.2015	
Auftraggeber: <i>Client:</i>	Lightcomm Technology Co., Ltd. RM1708-10, 17/F, PROSPERITY CENTRE, 25 CHONG YIP STREET, KWUN TONG, HONG KONG			
Prüfgegenstand: <i>Test item:</i>	10.1" Wi-Fi Android™ Tablet			
Bezeichnung / Typ-Nr.: <i>Identification / Type No.:</i>	DL1018A, MID1016-MA			
Auftrags-Inhalt: <i>Order content:</i>	FCC Certification			
Prüfgrundlage: <i>Test specification:</i>	CFR47 FCC Part 15: Subpart C Section 15.247 CFR47 FCC Part 15: Subpart C Section 15.207 CFR47 FCC Part 15: Subpart C Section 15.209			
Wareneingangsdatum: <i>Date of receipt:</i>	10.08.2015			
Prüfmuster-Nr.: <i>Test sample No.:</i>	A000243804-004, A000243804-005, A000243804-006			
Prüfzeitraum: <i>Testing period:</i>	12.08.2015 - 24.08.2015			
Ort der Prüfung: <i>Place of testing:</i>	Shenzhen EMTEK 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:		
11.09.2015 Lin Lin/Project Manager		11.09.2015 Owen Tian/Senior Project Manager		
Datum <i>Date</i>	Name / Stellung <i>Name / Position</i>	Unterschrift <i>Signature</i>	Datum <i>Date</i>	Name / Stellung <i>Name / Position</i>
Sonstiges / Other:				
Zustand des Prüfgegenstandes bei Anlieferung: <i>Condition of the test item at delivery:</i>		Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged</i>		
* Legende:	1 = sehr gut P(ass) = entspricht o.g. Prüfgrundlage(n)	2 = gut F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	3 = befriedigend N/A = nicht anwendbar	4 = ausreichend N/T = nicht getestet
Legend:	1 = very good P(ass) = passed a.m. test specification(s)	2 = good F(ail) = failed a.m. test specification(s)	3 = satisfactory N/A = not applicable	4 = sufficient N/T = not tested
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i>				

TEST SUMMARY

5.1.1 ANTENNA REQUIREMENT*RESULT: Pass***5.1.2 PEAK OUTPUT POWER***RESULT: Pass***5.1.3 20dB BANDWIDTH***RESULT: Pass***5.1.4 6dB BANDWIDTH***RESULT: Pass***5.1.5 CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100KHz BANDWIDTH***RESULT: Pass***5.1.6 POWER SPECTRAL DENSITY***RESULT: Pass***5.1.7 SPURIOUS EMISSION***RESULT: Pass***5.1.8 FREQUENCY SEPARATION***RESULT: Pass***5.1.9 NUMBER OF HOPPING FREQUENCY***RESULT: Pass***5.1.10 TIME OF OCCUPANCY***RESULT: Pass***5.1.11 CONDUCTED EMISSIONS***RESULT: Pass*

Contents

1.	GENERAL REMARKS	4
1.1	COMPLEMENTARY MATERIALS	4
2.	TEST SITES	4
2.1	TEST FACILITIES	4
2.2	LIST OF TEST AND MEASUREMENT INSTRUMENTS.....	5
2.3	TRACEABILITY	6
2.4	CALIBRATION	6
2.5	MEASUREMENT UNCERTAINTY.....	6
2.6	LOCATION OF ORIGINAL DATA.....	6
2.7	STATUS OF FACILITY USED FOR TESTING.....	7
3.	GENERAL PRODUCT INFORMATION	8
3.1	PRODUCT FUNCTION AND INTENDED USE.....	8
3.2	RATINGS AND SYSTEM DETAILS	8
3.3	INDEPENDENT OPERATION MODES	10
3.4	NOISE GENERATING AND NOISE SUPPRESSING PARTS	10
3.5	SUBMITTED DOCUMENTS	10
4.	TEST SET-UP AND OPERATION MODES	11
4.1	PRINCIPLE OF CONFIGURATION SELECTION.....	11
4.2	TEST OPERATION AND TEST SOFTWARE	11
4.3	SPECIAL ACCESSORIES AND AUXILIARY EQUIPMENT	11
4.4	COUNTERMEASURES TO ACHIEVE EMC COMPLIANCE.....	11
4.5	TEST SETUP DIAGRAM	12
5.	TEST RESULTS	14
5.1	TRANSMITTER REQUIREMENT & TEST SUITES	14
5.1.1	<i>Antenna Requirement</i>	<i>14</i>
5.1.2	<i>Peak Output Power</i>	<i>15</i>
5.1.3	<i>20dB Bandwidth</i>	<i>16</i>
5.1.4	<i>6dB Bandwidth</i>	<i>17</i>
5.1.5	<i>Conducted Spurious Emissions measured in 100kHz Bandwidth</i>	<i>18</i>
5.1.6	<i>Power spectral density</i>	<i>31</i>
5.1.7	<i>Spurious Emission</i>	<i>32</i>
5.1.8	<i>Frequency Separation</i>	<i>129</i>
5.1.9	<i>Number of hopping frequency.....</i>	<i>130</i>
5.1.10	<i>Time of Occupancy.....</i>	<i>131</i>
5.1.11	<i>Conducted emissions</i>	<i>132</i>
6.	PHOTOGRAPHS OF THE TEST SET-UP	137
7.	LIST OF TABLES	140
8.	LIST OF PHOTOGRAPHS	140

Prüfbericht - Nr.: 17051839 001
Test Report No.**Seite 4 von 140**
Page 4 of 140

1. General Remarks

1.1 Complementary Materials

None.

2. Test Sites

2.1 Test Facilities

Shenzhen EMTEK Co., Ltd.

(FCC Registration No.: 709623)

Bldg 69, Majialong Industry Zone, Nanshan District,
Shenzhen, Guangdong, P.R. China

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

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
Transmitter spurious emissions				
EMI Test Receiver	Rohde & Schwarz	ESU	1302.6005.26	2016-05-16
Loop Antenna	Schwarzbeck	FMZB 1519	1519-012	2016-05-16
Cable	H+B	3M SF104-26.5	295838/4	2016-05-28
Cable	H+B	6M SF104-26.5	295840/4	2016-05-28
Pre-Amplifier	HP	8447F	2944A07999	2016-05-16
Bilog Antenna	Schwarzbeck	VULB9163	142	2016-05-28
Cable	Schwarzbeck	AK9513	ACRX1	2016-05-16
Cable	Rosenberger	N/A	FP2RX2	2016-05-16
Cable	Schwarzbeck	AK9513	CRPX1	2016-05-28
Cable	Schwarzbeck	AK9513	CRRX2	2016-05-28
Pre-Amplifier	A.H.	PAM-0126	1415261	2016-05-16
Horn Antenna	Schwarzbeck	BBHA 9120	707	2016-05-28
Pre-Amplifier	A.H.	PAM-0126	1415261	2016-05-16
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA91703 99	2016-05-16
EMI Test Receiver	Rohde & Schwarz	FSV40	132.1- 3008K39- 100967-AP	2016-05-16
Pre-Amplifier	Lunar EM	LNA26G40-40	J101313102 8001	2016-05-16
Horn Antenna	AHS/USA	SAS-573	184	2016-05-16
Cable	H+B	0.5M SF104-26.5	289147/4	2016-05-16
Cable	H+B	3M SF104-26.5	295838/4	2016-05-16
Cable	H+B	6M SF104-26.5	295840/4	2016-05-16
Radio Spectrum Test				
EMI Test Receiver	Rohde & Schwarz	ESCI	101045	2016-05-16
Vector Signal Generater	Agilent	N5182B	My53050553	2016-05-28
Analog Signal Generator	Agilent	N5171B	My53050878	2016-05-28
Signal Analyzer	Agilent	N9010A	My53470879	2016-05-28
Power Meter	Agilent	PS-X10-100	N/A	2016-05-28
Temp. / Humidity Chamber	Kingson	THS-M1	242	2016-05-28
Conducted Emission				
Test Receiver	Rohde & Schwarz	ESCS30	828985/018	2016-05-16
L.I.S.N.	Schwarzbeck	NNLK8129	8129203	2016-05-16
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100006	2016-05-16
Voltage Probe	Rohde & Schwarz	TK9416	N/A	2016-05-16
I.S.N	Rohde & Schwarz	ENY22	1109.9508.02	2016-05-16
50Ω Coaxial Switch	Anritsu	MP59B	M20531	2016-05-16

2.3 Traceability

All measurement equipment calibrations are traceable to NIST or where calibration is performed outside the United States, 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

Table 2: Measurement Uncertainty

Parameter	Uncertainty
Radio Frequency	$\pm 1 \times 10^{-5}$
Maximum Peak Output Power Test	$\pm 1.0\text{dB}$
Conducted Emissions Test	$\pm 2.0\text{dB}$
Radiated Emission Test	$\pm 2.0\text{dB}$
Power Density	$\pm 2.0\text{dB}$
Occupied Bandwidth Test	$\pm 1.0\text{dB}$
Band Edge Test	$\pm 3\text{dB}$
All emission, radiated	$\pm 3\text{dB}$
Antenna Port Emission	$\pm 3\text{dB}$
Temperature	$\pm 0.5^\circ\text{C}$
Humidity	$\pm 3\%$

2.6 Location of Original Data

The original copies of all test data taken during actual testing were retained in the TÜV Rheinland (Shenzhen) file for certification follow-up purposes.

Prüfbericht - Nr.: 17051839 001*Test Report No.***Seite 7 von 140***Page 7 of 140*

2.7 Status of Facility Used for Testing

Shenzhen EMTEK Co., Ltd. test facility located at Bldg 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, P.R. China is listed on the US Federal Communications Commission list of facilities approved to perform measurements.

3. General Product Information

3.1 Product Function and Intended Use

The EUTs are 10.1" tablet with Wi-Fi, Bluetooth function.
 These models are identical except the model name.
 For details refer to the User Manual and Circuit Diagram.

3.2 Ratings and System Details

Table 3: Technical Specification of Bluetooth (BDR & EDR mode)

Technical Specification	Value
Kind of Equipment	10.1" Wi-Fi Android™ Tablet
Type Designation	DL1018A, MID1016-MA
FCC ID	XMF-MID1016
Operating Frequency band	2402 – 2480MHz
Channel separation	1MHz
Extreme Temperature Range	-30~+75°C
Operation Voltage	DC 3.7V (via built in battery)
	DC 5V (via AC/DC adapter)
Modulation	FHSS, GFSK, 8DPSK, $\pi/4$ DQPSK
Bluetooth version	4.0, Dual Mode
Antenna Gain	1.18dBi

Table 4: RF channel and frequency of Bluetooth (BDR & EDR mode)

RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)
0	2402.00	21	2423.00	42	2444.00	63	2465.00
1	2403.00	22	2424.00	43	2445.00	64	2466.00
2	2404.00	23	2425.00	44	2446.00	65	2467.00
3	2405.00	24	2426.00	45	2447.00	66	2468.00
4	2406.00	25	2427.00	46	2448.00	67	2469.00
5	2407.00	26	2428.00	47	2449.00	68	2470.00
6	2408.00	27	2429.00	48	2450.00	69	2471.00
7	2409.00	28	2430.00	49	2451.00	70	2472.00
8	2410.00	29	2431.00	50	2452.00	71	2473.00
9	2411.00	30	2432.00	51	2453.00	72	2474.00
10	2412.00	31	2433.00	52	2454.00	73	2475.00
11	2413.00	32	2434.00	53	2455.00	74	2476.00

Prüfbericht - Nr.: 17051839 001
Test Report No.
Seite 9 von 140
Page 9 of 140

12	2414.00	33	2435.00	54	2456.00	75	2477.00
13	2415.00	34	2436.00	55	2457.00	76	2478.00
14	2416.00	35	2437.00	56	2458.00	77	2479.00
15	2417.00	36	2438.00	57	2459.00	78	2480.00
16	2418.00	37	2439.00	58	2460.00		
17	2419.00	38	2440.00	59	2461.00		
18	2420.00	39	2441.00	60	2462.00		
19	2421.00	40	2442.00	61	2463.00		
20	2422.00	41	2443.00	62	2464.00		

Table 5: Technical Specification of Bluetooth (Low Energy mode)

Technical Specification	Value
Kind of Equipment	10.1" Wi-Fi Android™ Tablet
Type Designation	DL1018A, MID1016-MA
FCC ID	XMF-MID1016
Operating Frequency band	2402 – 2480MHz
Channel separation	2MHz
Extreme Temperature Range	-30~+75°C
Operation Voltage	DC 3.7V (via built in battery)
	DC 5V (via AC/DC adapter)
Modulation	GFSK
Bluetooth version	4.0, Dual Mode
Antenna Gain	1.18dBi

Table 6: RF channel and frequency of Bluetooth (Low Energy mode)

RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)
0	2402.00	11	2424.00	22	2446.00	33	2468.00
1	2404.00	12	2426.00	23	2448.00	34	2470.00
2	2406.00	13	2428.00	24	2450.00	35	2472.00
3	2408.00	14	2430.00	25	2452.00	36	2474.00
4	2410.00	15	2432.00	26	2454.00	37	2476.00
5	2412.00	16	2434.00	27	2456.00	38	2478.00
6	2414.00	17	2436.00	28	2458.00	39	2480.00
7	2416.00	18	2438.00	29	2460.00		
8	2418.00	19	2440.00	30	2462.00		
9	2420.00	20	2442.00	31	2464.00		
10	2422.00	21	2444.00	32	2466.00		

3.3 Independent Operation Modes

The basic operation modes are:

- A. On
 - 1. Bluetooth mode (BDR & EDR mode)
 - a. Transmitting
 - i. Low Channel
 - ii. Middle Channel
 - iii. High Channel
 - b. Receiving
 - 2. Bluetooth mode (Low Energy mode)
 - a. Transmitting
 - i. Low Channel
 - ii. Middle Channel
 - iii. High Channel
 - b. Receiving
- B. Standby
- C. Off

3.4 Noise Generating and Noise Suppressing Parts

Refer to the Circuit Diagram.

3.5 Submitted Documents

- | | |
|--------------------|----------------------|
| - Bill of Material | - Circuit Diagram |
| - PCB Layout | - Instruction Manual |
| - Photo Document | - Rating Label |

4. Test Set-up and Operation Modes

4.1 Principle of Configuration Selection

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

4.2 Test Operation and Test Software

Test operation refers to test setup in chapter 5. All testing were performed according to the procedures in ANSI C63.10: 2013. According to clause 3.1, all tests were applied on model MID1016-MA only.

4.3 Special Accessories and Auxiliary Equipment

The EUT was tested together with the following accessories:

Description	Manufacturer	Part No.	Rating
AC/DC Adapter	TEKA	TEKA012-0502000UK	Input: AC 100-240V, 50/60Hz, 0.35A Output: DC 5V, 2A

The EUT was tested with following cables:

Interface(s)/Port(s):	Max. cable length, shielding	Cable classification
AC Mains of adapter	2 cores, non-shielded port, 3m	AC Power Input
Micro USB port	4 cores, non-shielded port, 3m	DC Power Input

4.4 Countermeasures to achieve EMC Compliance

The test sample which has been tested contained the noise suppression parts as described in the Constructional Data Form or the Technical Construction File. No additional measures were employed to achieve compliance.

4.5 Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test

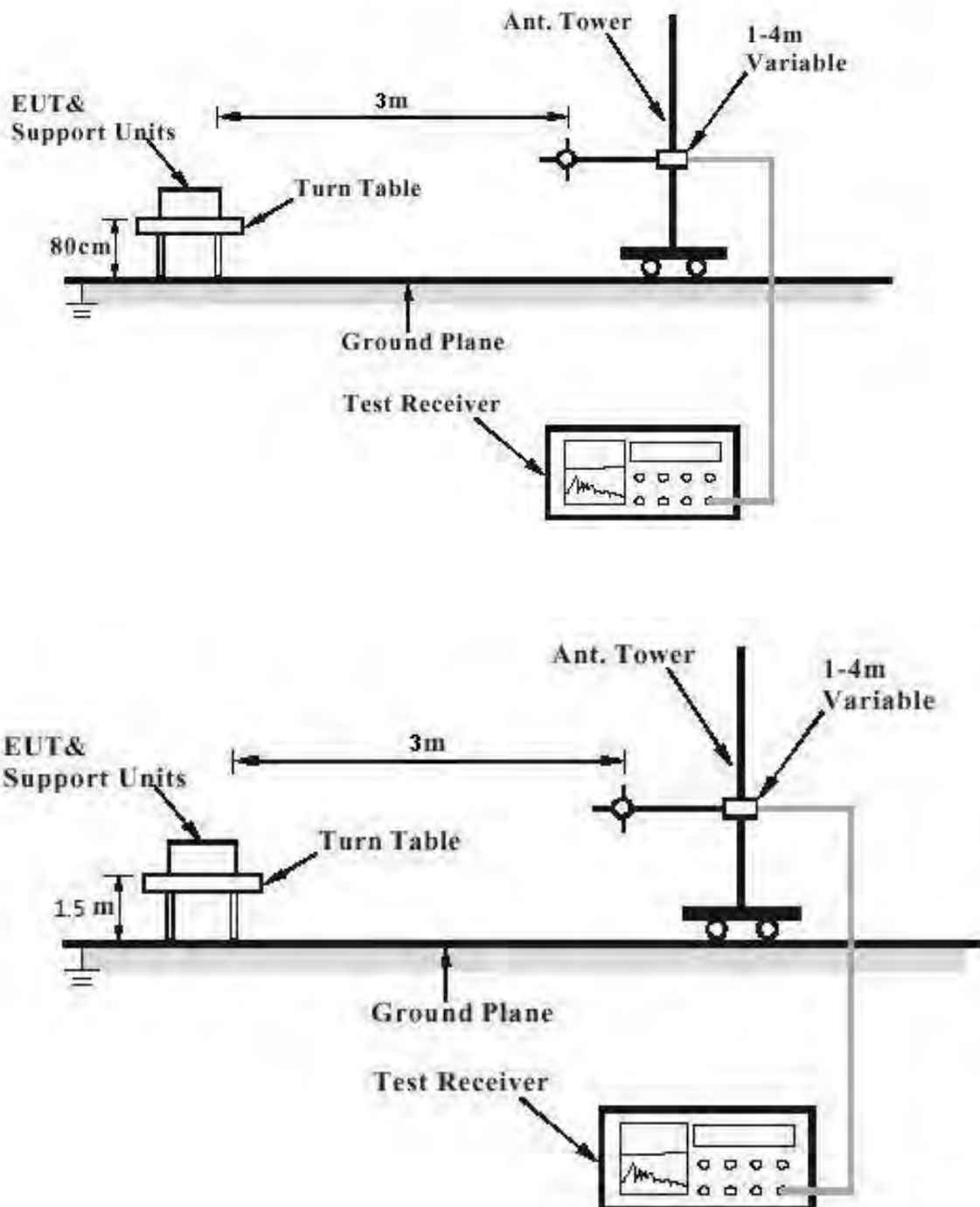


Diagram of Measurement Equipment Configuration for Conduction Measurement

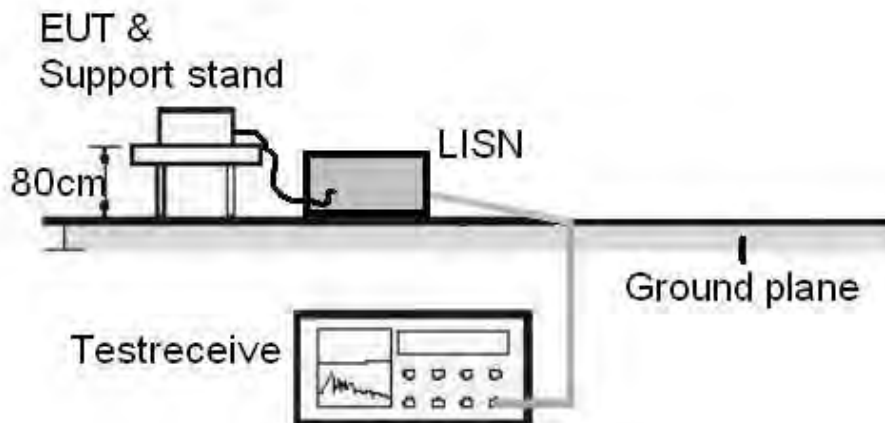
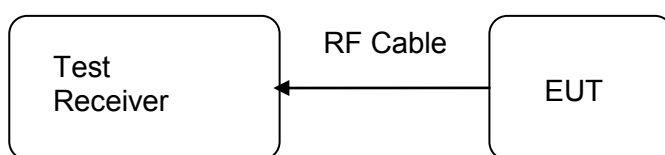


Diagram of Measurement Equipment Configuration for Transmitter Measurement



5. Test Results

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

RESULT:**Pass**

Test standard : Part 15.203
Limit The use of antennas with directional gains that do not exceed 6dBi

According to the manufacturer declared, the EUT has an internal antenna, the directional gain of antenna is 1.18dBi, 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.

5.1.2 Peak Output Power

RESULT:
Pass

Test date : 2015-08-12
 Test standard : FCC Part 15.247(b)(1)
 FCC Part 15.247(b)(3)
 Basic standard : ANSI C63.10: 2013
 Clause 9.1 of KDB 558074 v03r01
 Limit : 125mW, 1W
 Kind of test site : Shielded room

Test setup

Test Channel : Low/ Middle/ High
 Operation Mode : A.1.a, A.2.a
 Ambient temperature : 25°C
 Relative humidity : 50%
 Atmospheric pressure : 101kPa

Table 7: Test result of Peak Output Power of Bluetooth (BDR mode)

Channel	Channel Frequency (MHz)	Peak Output Power	Limit
		(dBm)	(dBm)
Low Channel	2402	6.246	21
Middle Channel	2441	5.523	21
High Channel	2480	5.089	21

Table 8: Test result of Peak Output Power of Bluetooth (EDR mode)

Channel	Channel Frequency (MHz)	Peak Output Power	Limit
		(dBm)	(dBm)
Low Channel	2402	5.144	21
Middle Channel	2441	4.532	21
High Channel	2480	4.023	21

Table 9: Test result of Peak Output Power of Bluetooth (Low Energy mode)

Channel	Channel Frequency (MHz)	Peak Output Power	Limit
		(dBm)	(dBm)
Low Channel	2402	-0.949	30
Middle Channel	2440	-1.424	30
High Channel	2480	-2.179	30

5.1.3 20dB Bandwidth**RESULT:****Pass**

Date of testing : 2015-08-12
Test standard : FCC Part 15.247(a)(1)
Basic standard : ANSI C63.10: 2013
Clause 8 of KDB 558074 v03r01
Kind of test site : Shielded room

Test setup

Test Channel : Low/ Middle/ High
Operation Mode : A.1.a
Ambient temperature : 25°C
Relative humidity : 50%
Atmospheric pressure : 101kPa

Table 10: Test result of 20dB of BDR mode

Channel	Channel Frequency (MHz)	20dB Bandwidth (MHz)
Low Channel	2402	0.895
Mid Channel	2441	0.897
High Channel	2480	0.897

Table 11: Test result of 20dB of EDR mode

Channel	Channel Frequency (MHz)	20dB Bandwidth (MHz)
Low Channel	2402	1.155
Mid Channel	2441	1.155
High Channel	2480	1.156

Prüfbericht - Nr.: 17051839 001

Test Report No.

Seite 17 von 140

Page 17 of 140

5.1.4 6dB Bandwidth**RESULT:****Pass**

Date of testing : 2015-08-12
Test standard : FCC Part 15.247(a)(2)
Basic standard : ANSI C63.10: 2013
Clause 8 of KDB 558074 v03r01
Kind of test site : Shielded room

Test setup

Test Channel : Low/ Middle/ High
Operation Mode : A.2.a
Ambient temperature : 25°C
Relative humidity : 50%
Atmospheric pressure : 101kPa

Table 12: Test result of 6dB Bandwidth of Bluetooth, Low Energy mode

Channel	Channel Frequency (MHz)	6dB Bandwidth (MHz)
Low Channel	2402	0.691
Mid Channel	2440	0.693
High Channel	2480	0.691

Prüfbericht - Nr.: 17051839 001

Test Report No.

Seite 18 von 140

Page 18 of 140

5.1.5 Conducted Spurious Emissions measured in 100kHz Bandwidth**RESULT:****Pass**

Date of testing : 2015-08-12
Test standard : FCC part 15.247(d)
Basic standard : ANSI C63.10: 2013
Limit : 20dB (below that in the 100kHz bandwidth within
the band that contains the highest level of the
desired power);
Kind of test site : Shield room

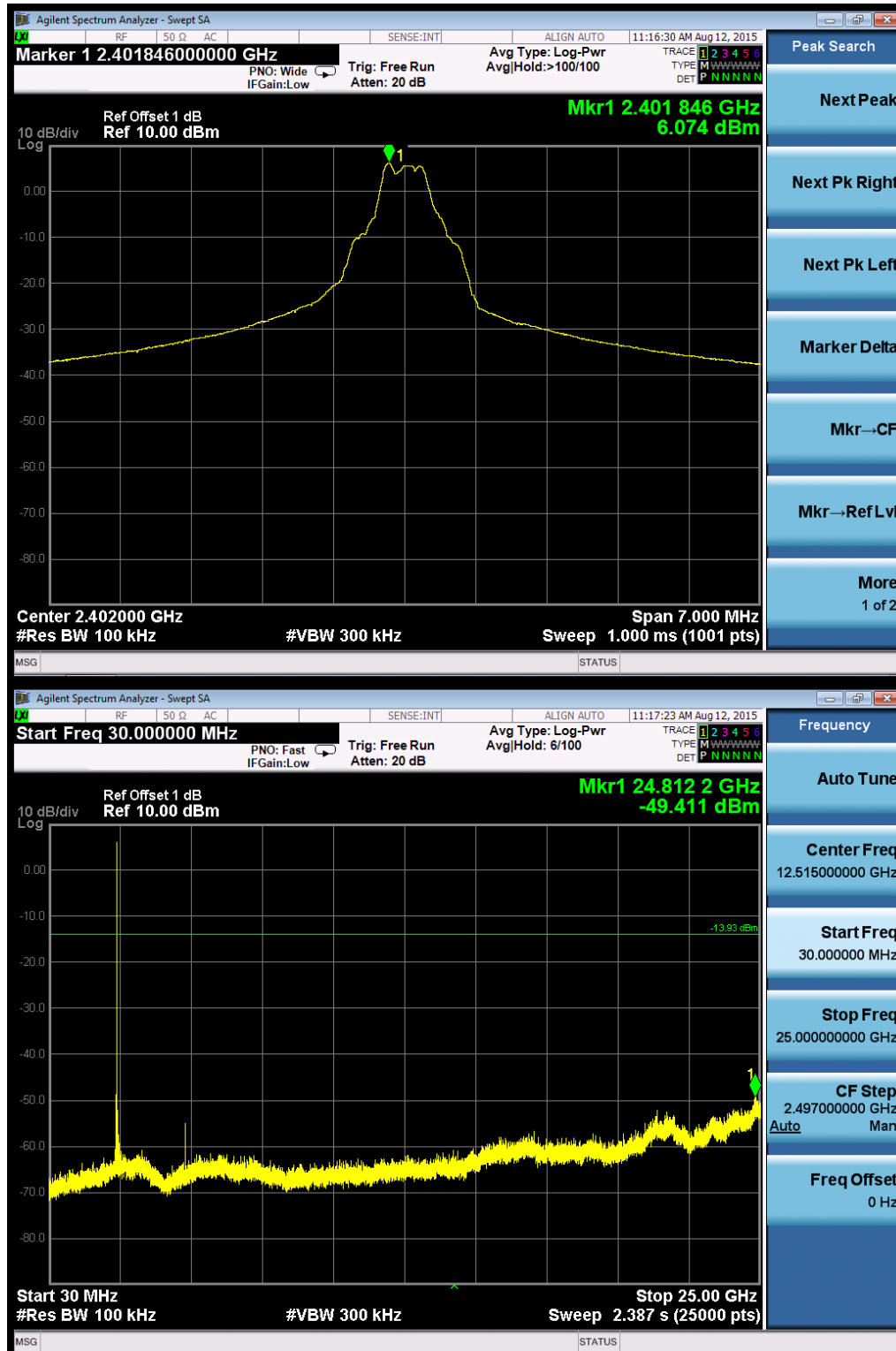
Test setup

Test Channel : Low/ Middle/ High
Operation mode : A.1.a, A.2.a
Ambient temperature : 25°C
Relative humidity : 50%
Atmospheric pressure : 101kPa

For details refer to following test plot.

Test Plot of Conducted spurious emissions measured in 100kHz Bandwidth of BDR mode

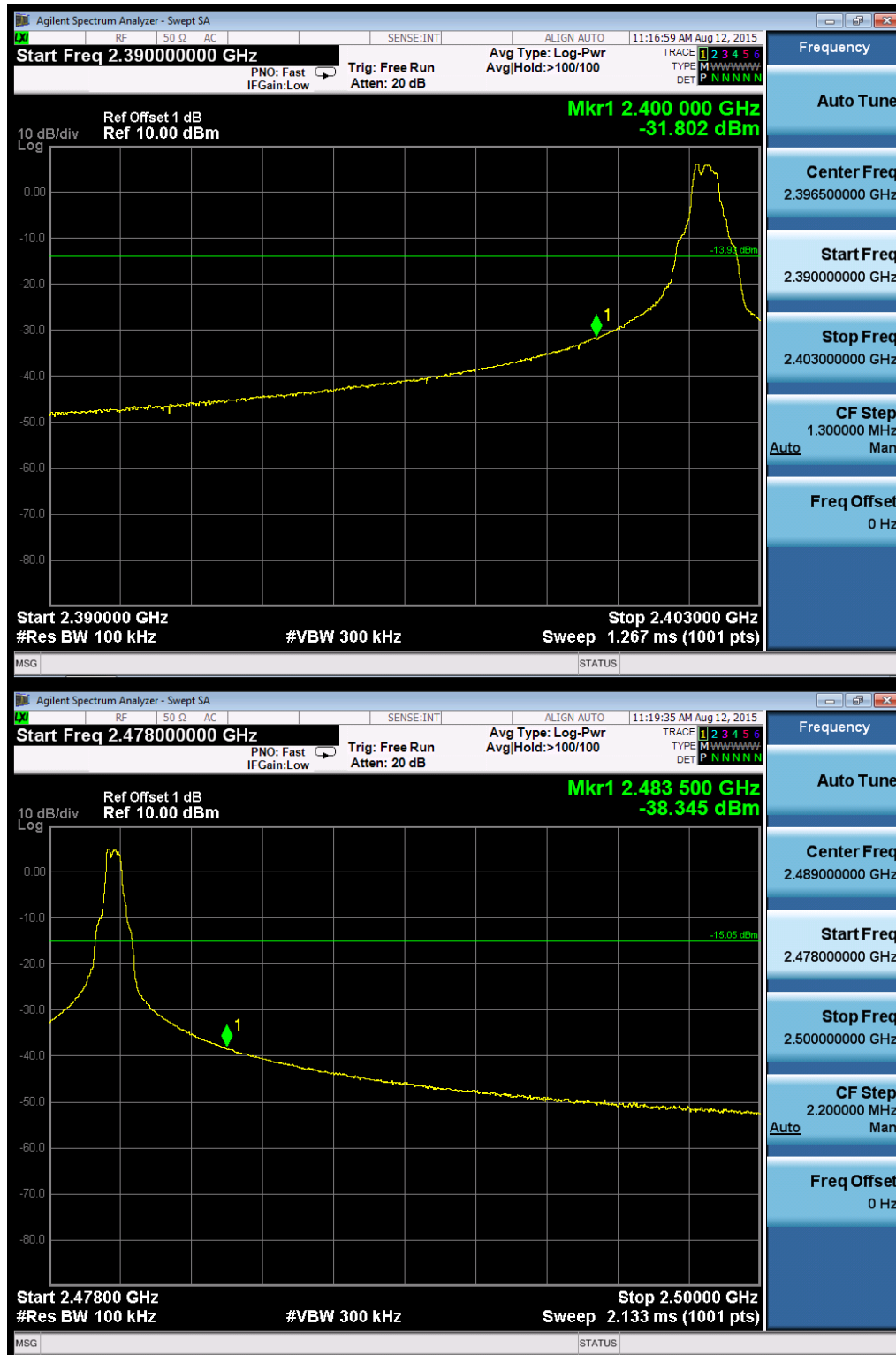
Low Channel



Middle Channel


High Channel



Band Edge


Test Plot of Conducted spurious emissions measured in 100kHz Bandwidth of EDR mode

Low Channel



Middle Channel


High Channel



Band Edge


Test Plot of Conducted spurious emissions measured in 100kHz Bandwidth of Low Energy mode

Low Channel



Middle Channel


High Channel



Band Edge


Prüfbericht - Nr.: 17051839 001

Test Report No.

Seite 31 von 140

Page 31 of 140

5.1.6 Power spectral density**RESULT:****Pass**

Date of testing : 2015-08-12
Test standard : FCC part 15.247(e)
Basic standard : ANSI C63.10: 2013
Clause 10 of KDB 558074 v03r01
Limit : 8dBm/3kHz
Kind of test site : Shield room

Test setup

Test Channel : Low/ Middle/ High
Operation mode : A.2.a
Ambient temperature : 25°C
Relative humidity : 50%
Atmospheric pressure : 101kPa

Table 13: Test result of power spectral density

Mode	Channel (MHz)	Result (dBm/3kHz)	Limit (dBm/3kHz)	Conclusion
Bluetooth LE mode	2402	-16.339	8	Pass
	2440	-16.745	8	Pass
	2480	-17.590	8	Pass

Prüfbericht - Nr.: 17051839 001

Test Report No.

Seite 32 von 140

Page 32 of 140

5.1.7 Spurious Emission

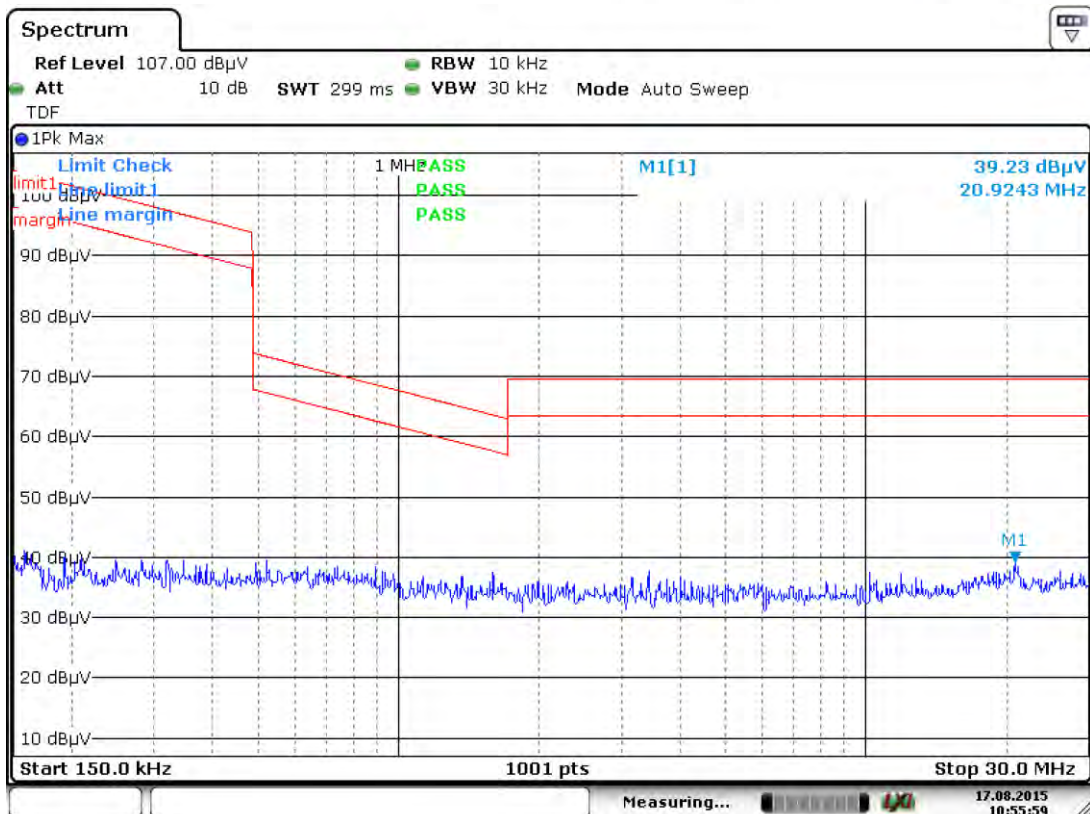
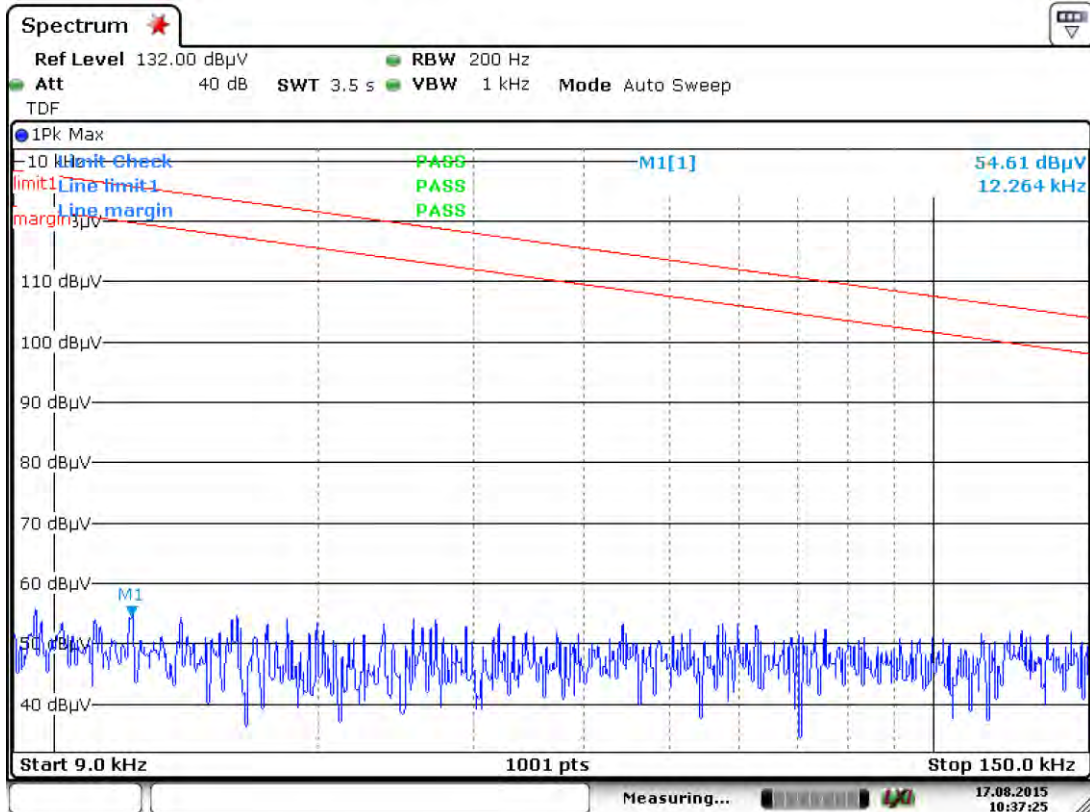
RESULT:**Pass**

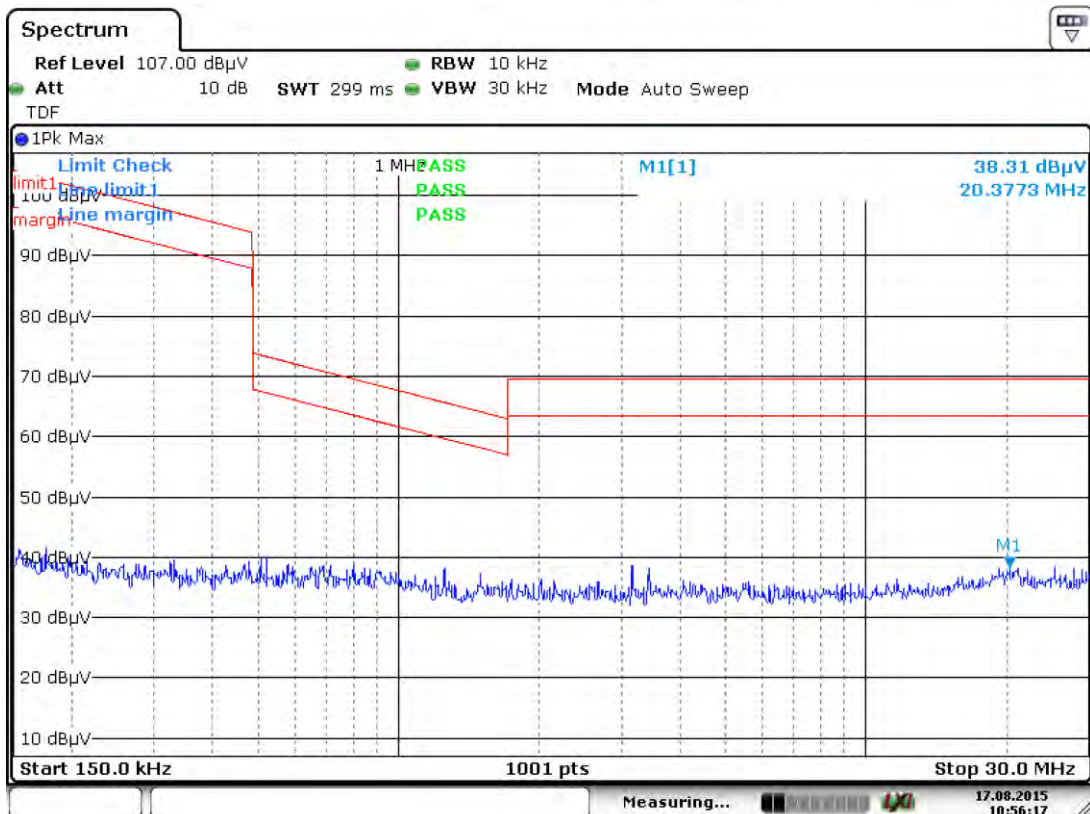
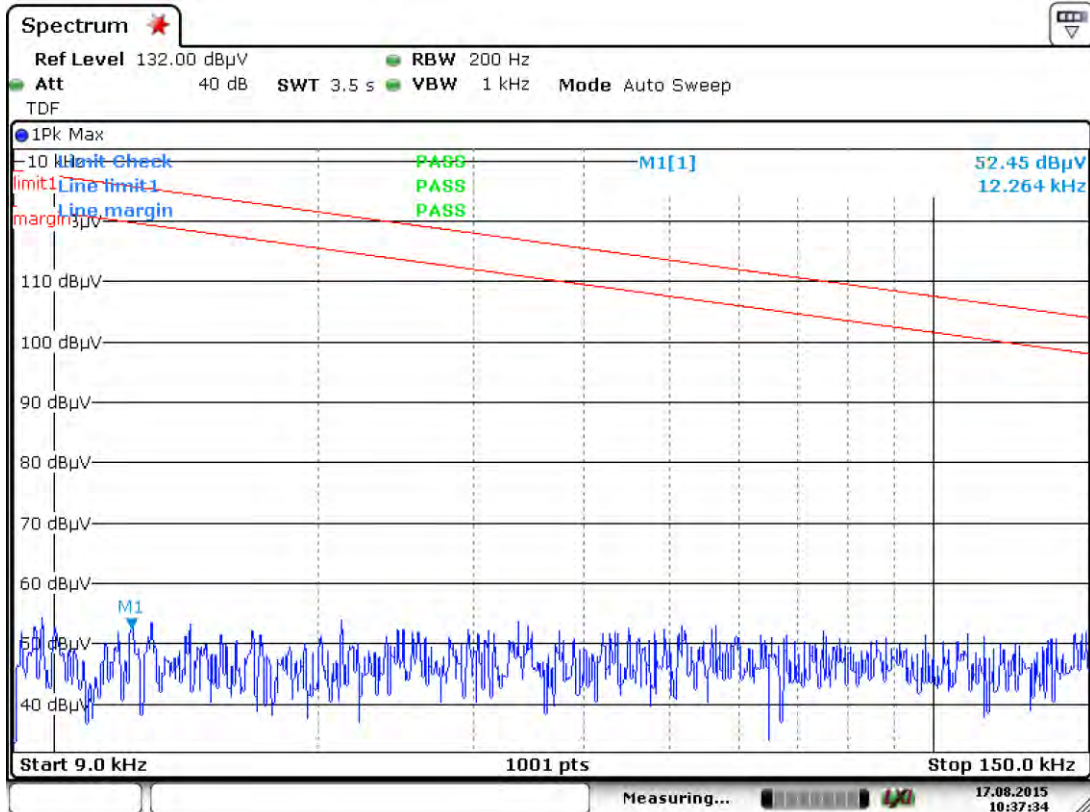
Date of testing : 2015-08-17
Test standard : FCC part 15.247(d)
Basic standard : ANSI C63.10: 2013
Clause 11 of KDB 558074 v03r01
Limits : FCC part 15.209(a)
Kind of test site : 3m Semi-Anechoic Chamber & Anechoic Chamber

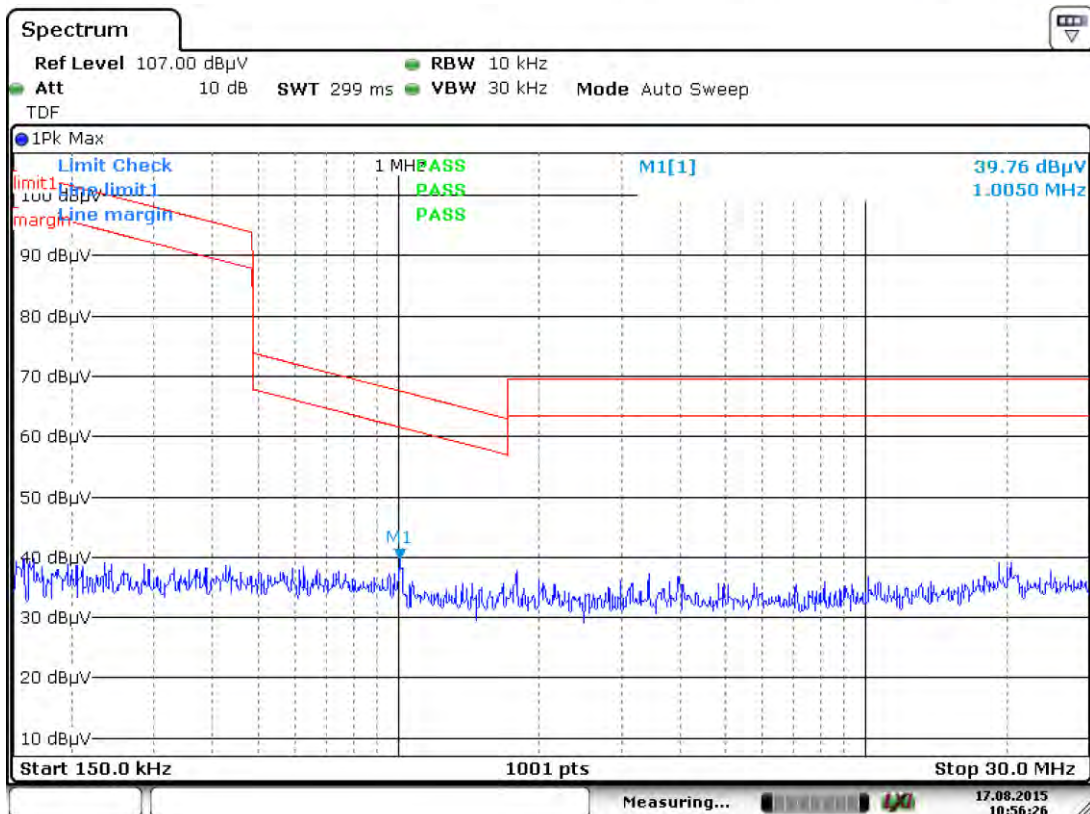
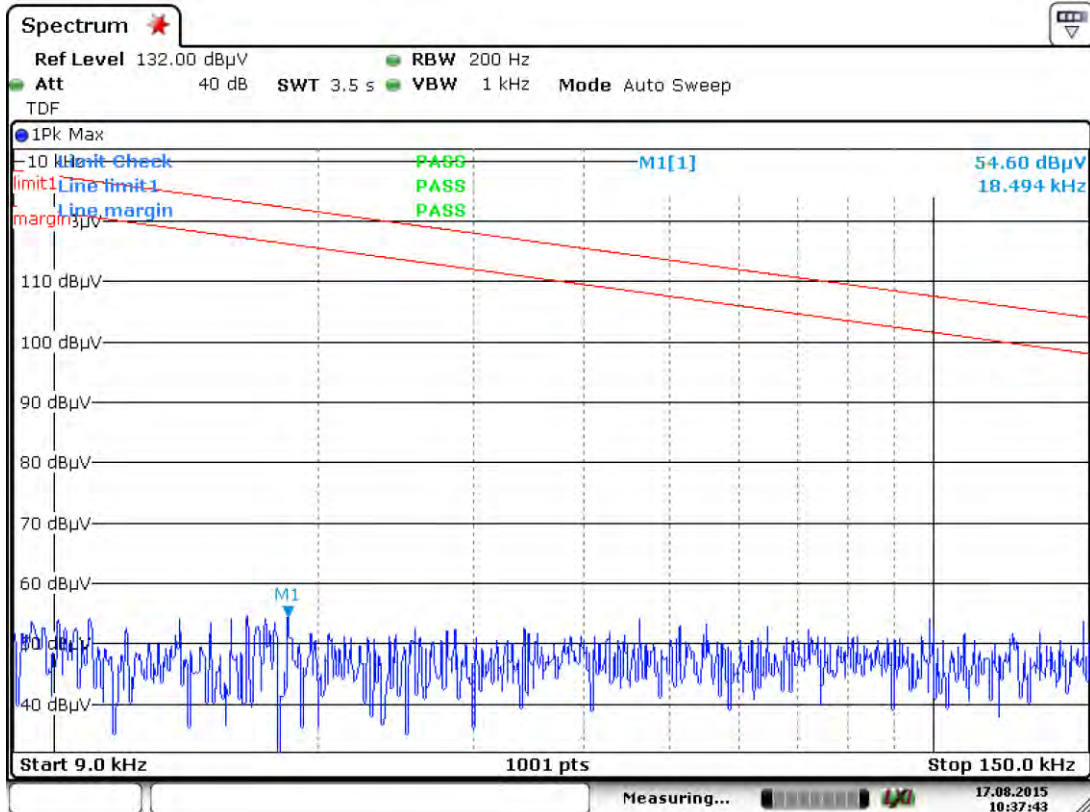
Test setup

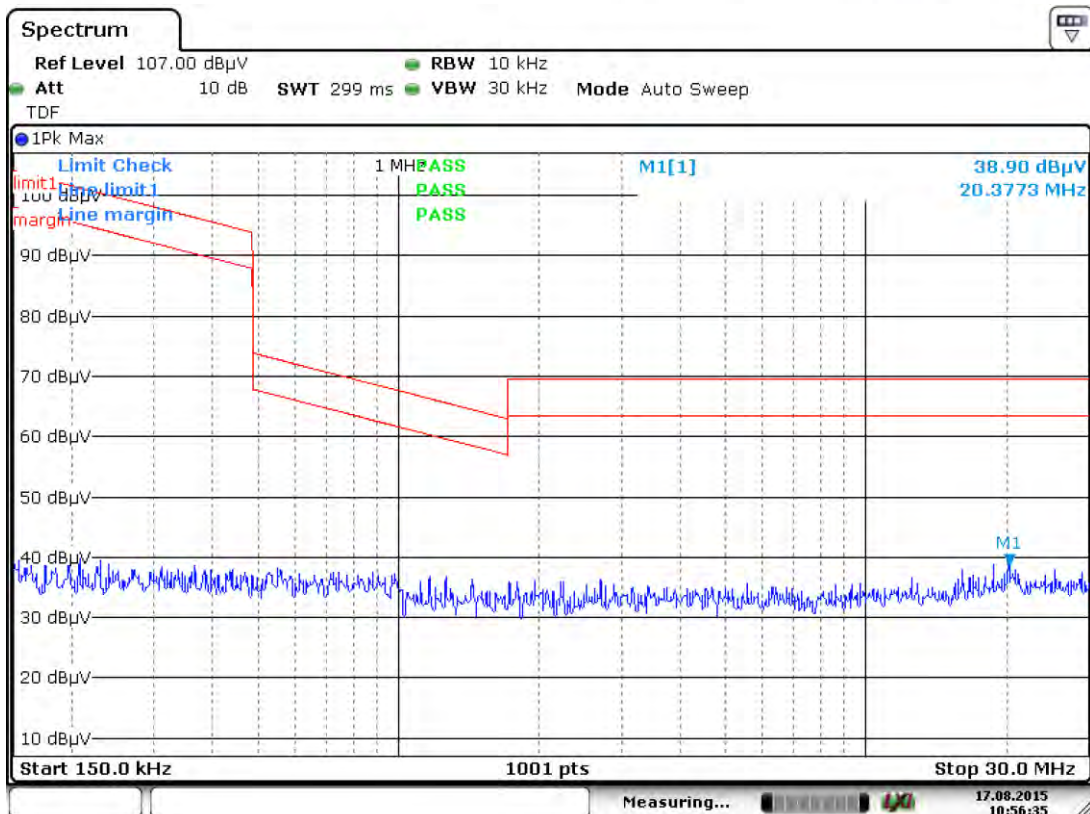
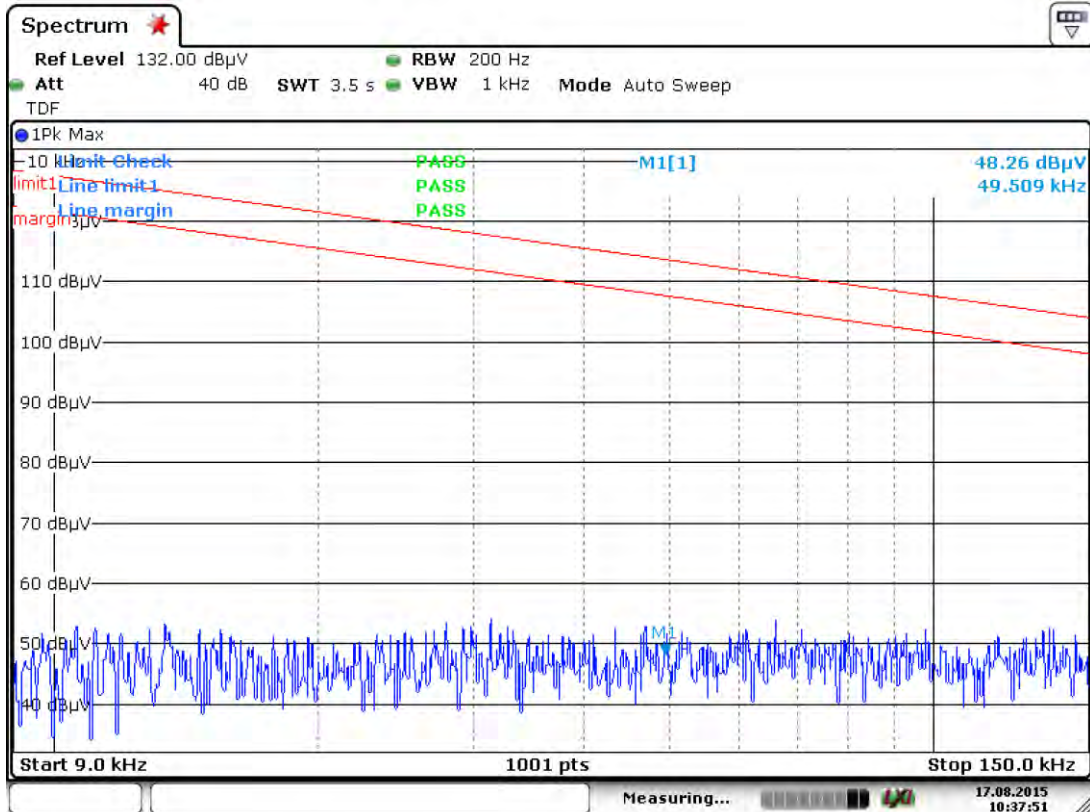
Test Channel : Low/ Middle/ High
Operation mode : A.1.a, A.2.a
Ambient temperature : 24°C
Relative humidity : 53%
Atmospheric pressure : 101kPa

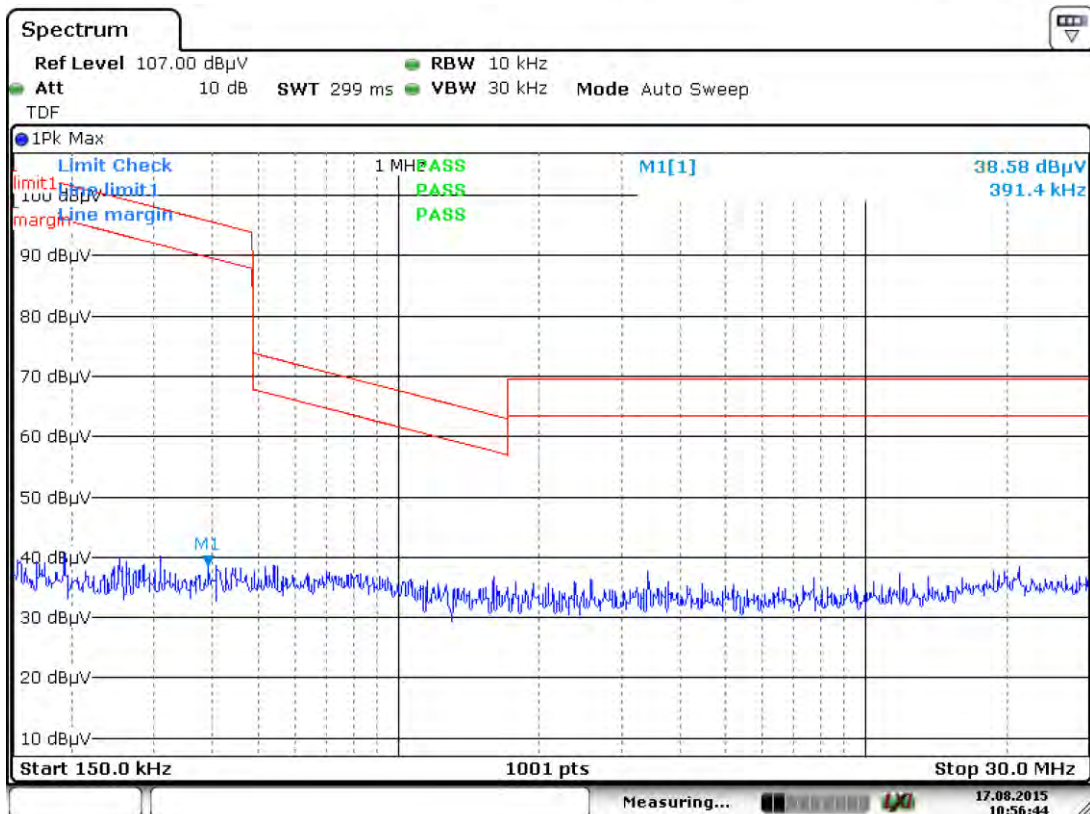
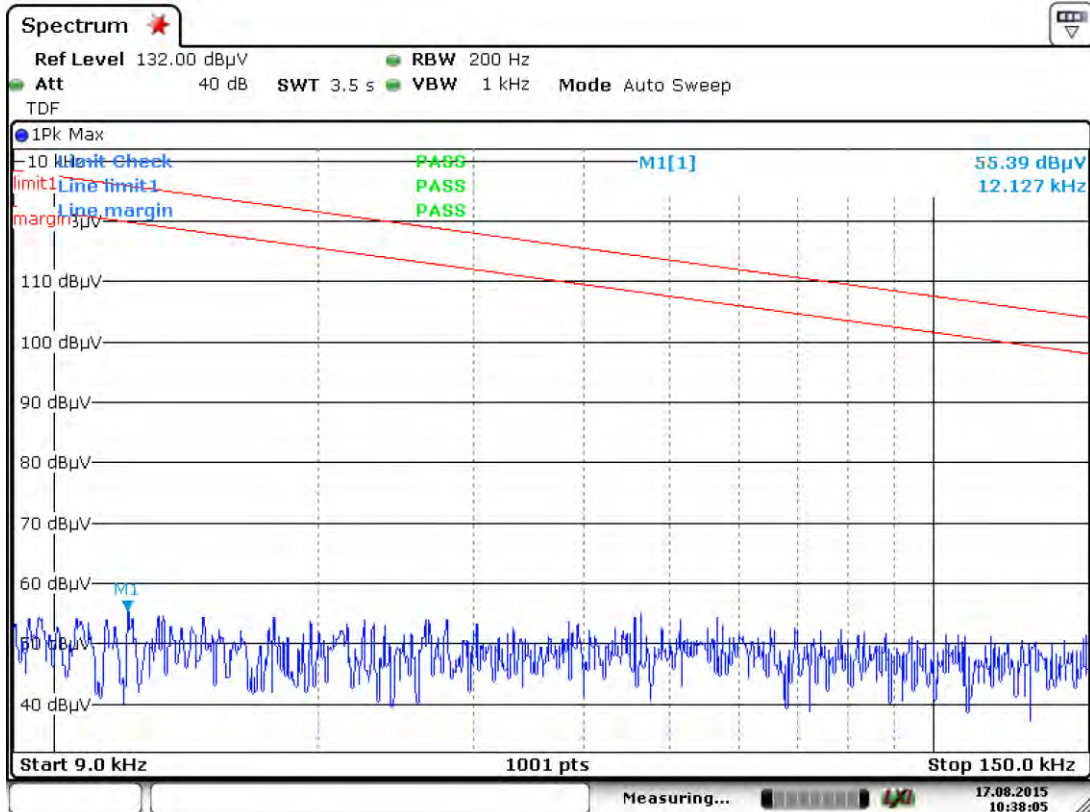
For details refer to following test plot.

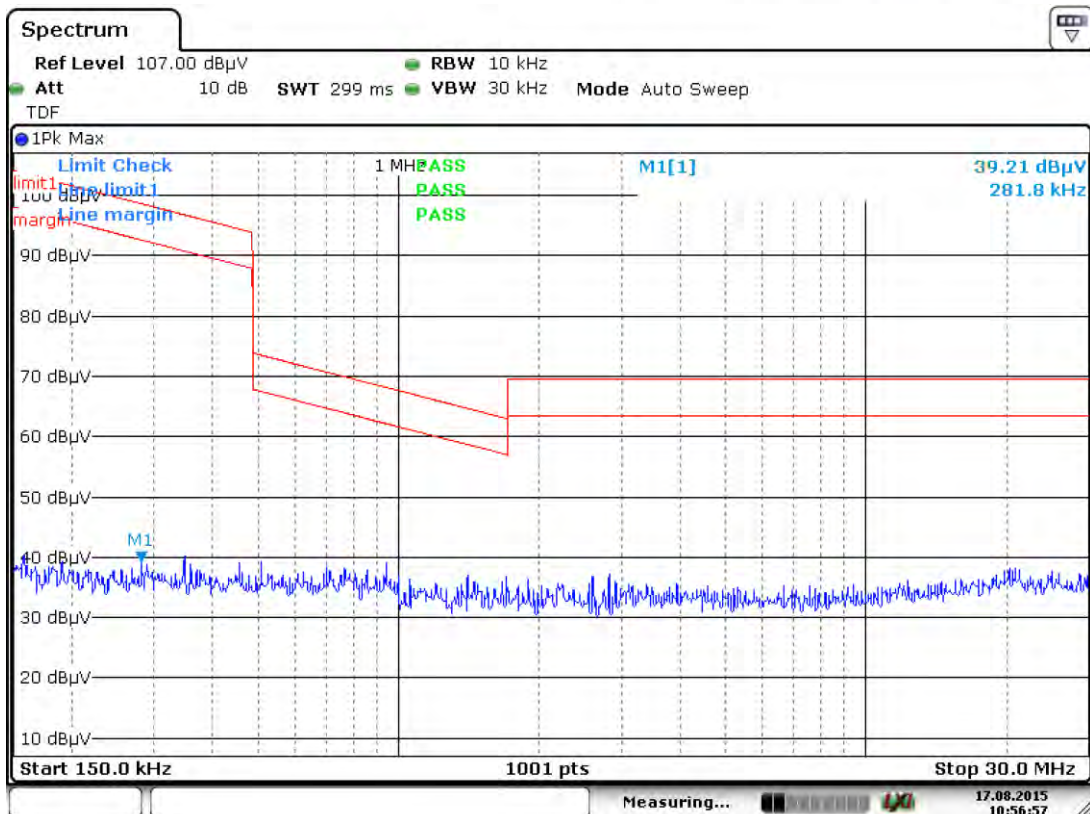
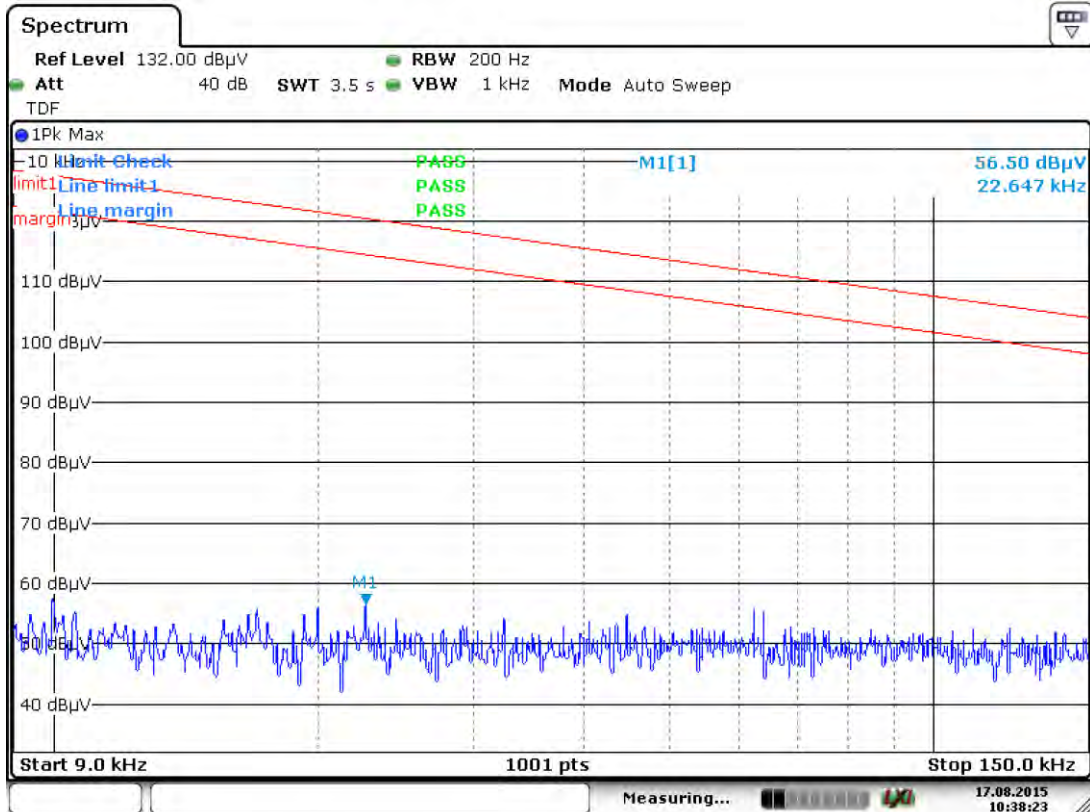
Test Plot of 2402MHz-X of BDR mode


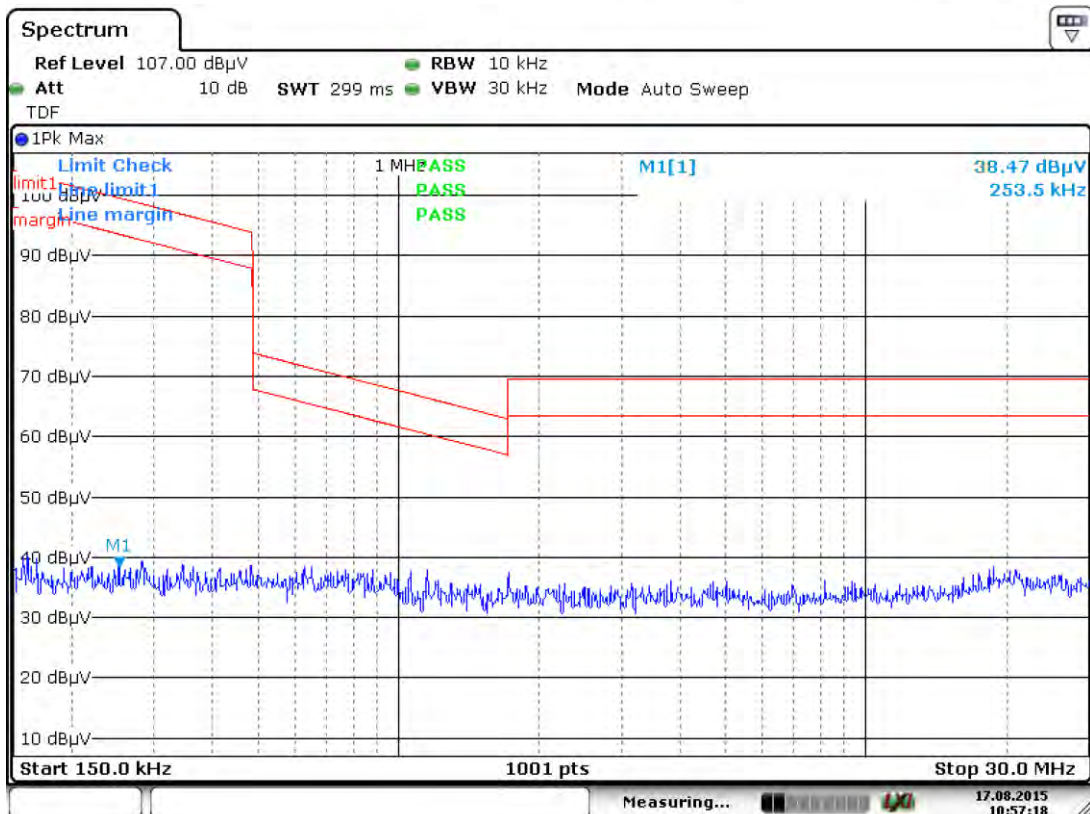
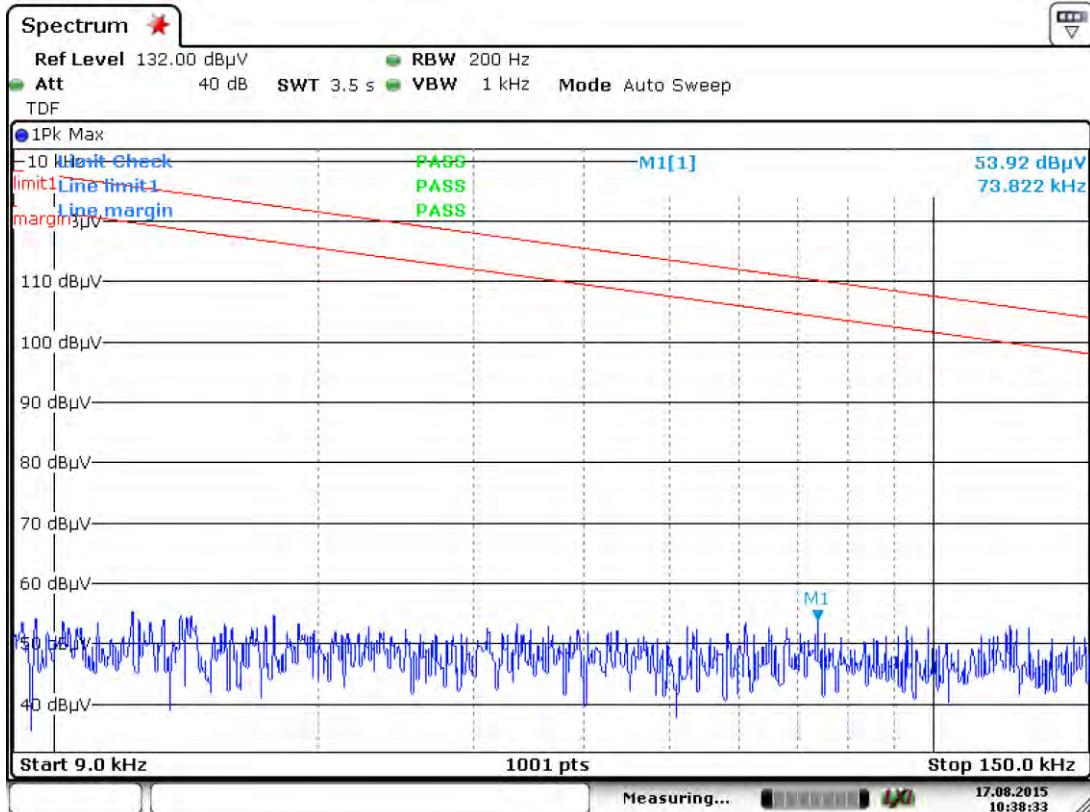
Test Plot of 2402MHz-Y of BDR mode


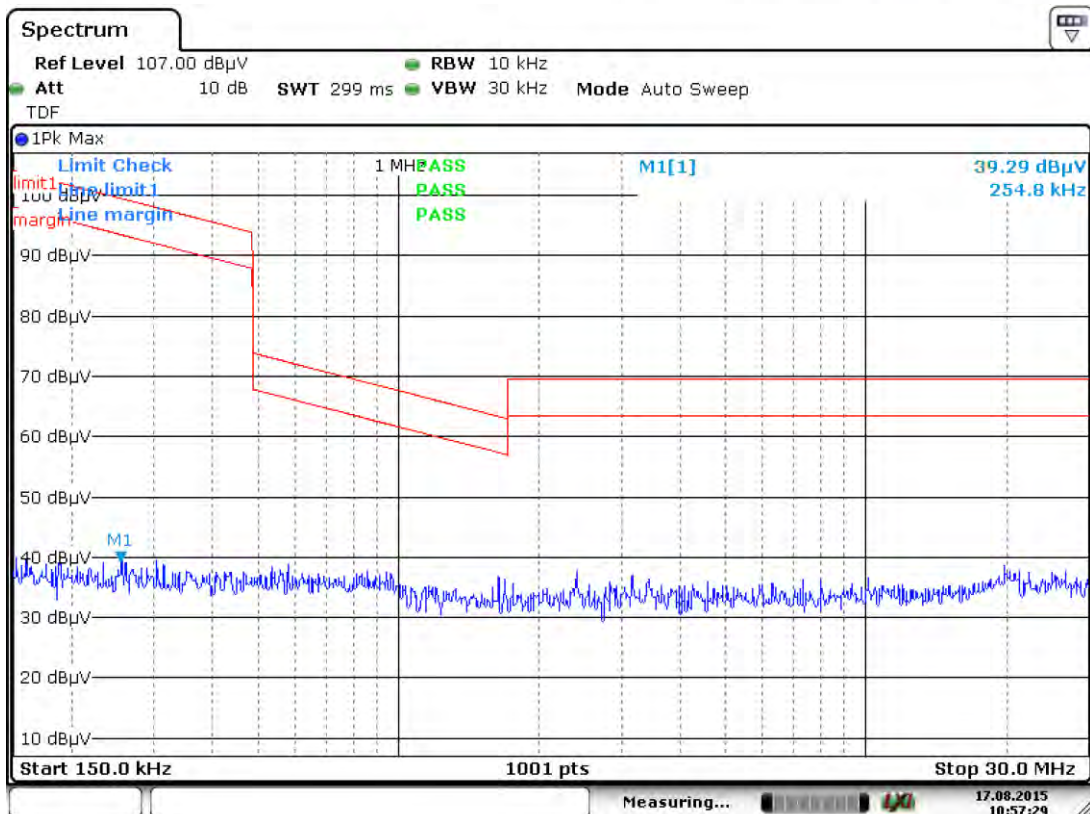
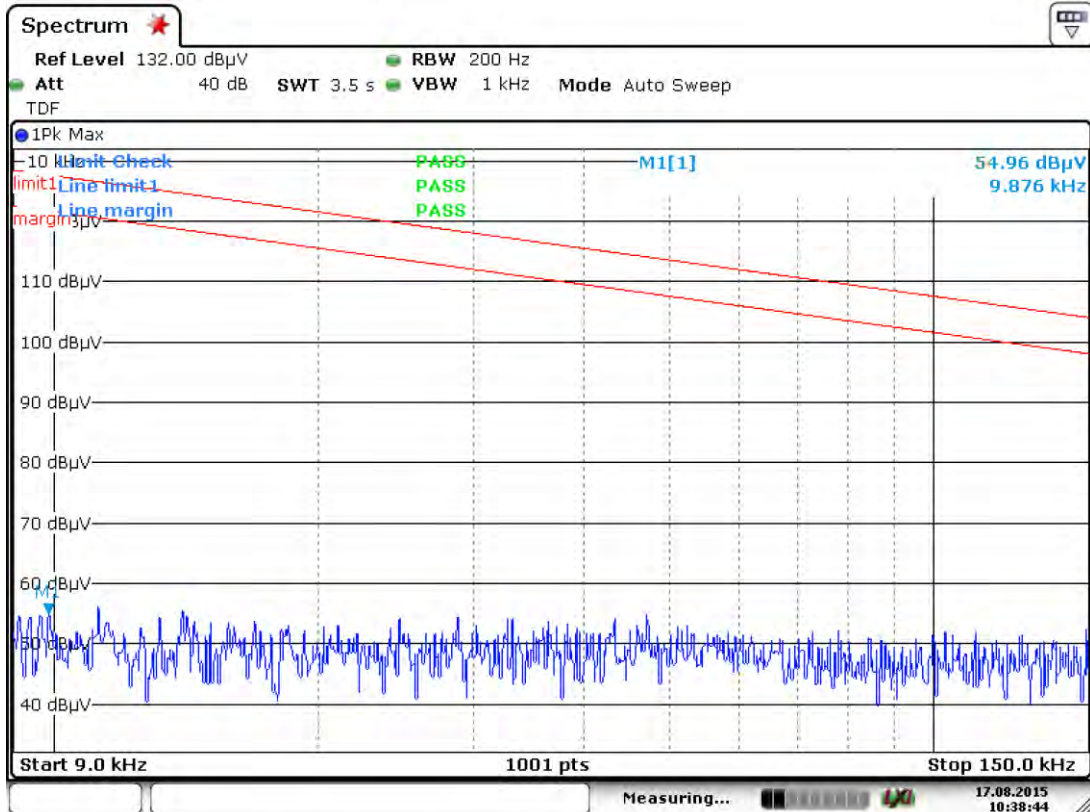
Test Plot of 2402MHz-Z of BDR mode


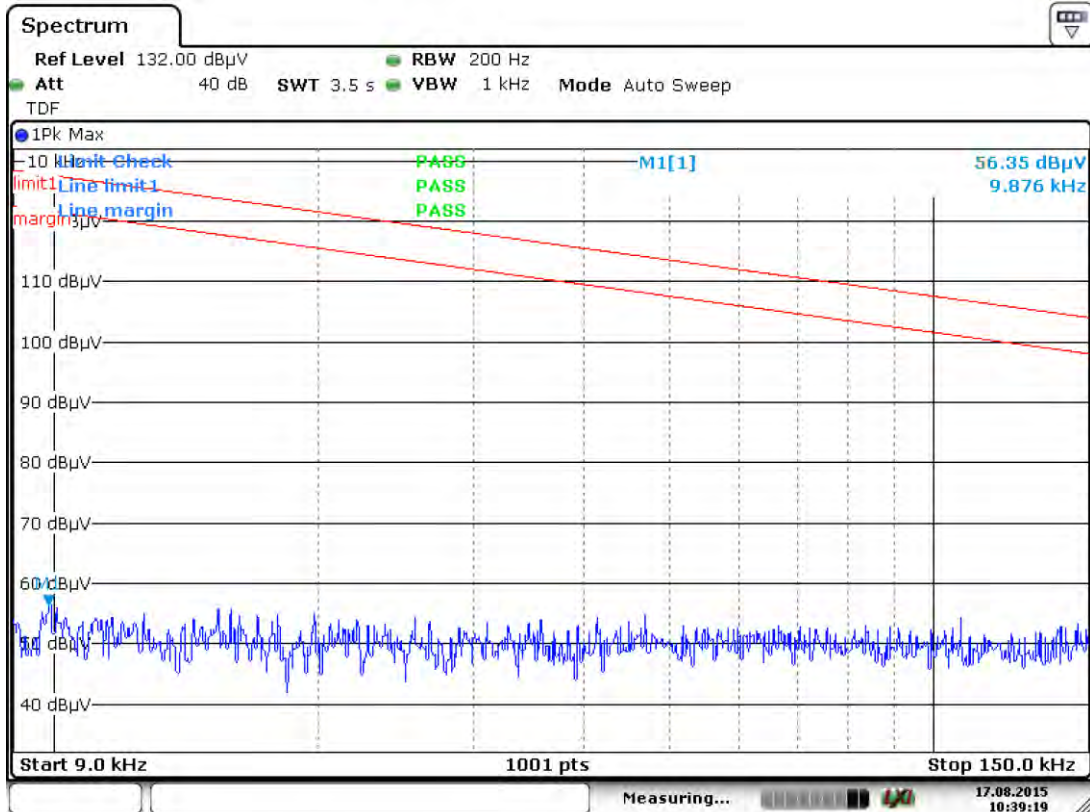
Test Plot of 2441MHz-X of BDR mode


Test Plot of 2441MHz-Y of BDR mode


Test Plot of 2441MHz-Z of BDR mode


Test Plot of 2480MHz-X of BDR mode


Test Plot of 2480MHz-Y of BDR mode


Test Plot of 2480MHz-Z of BDR mode


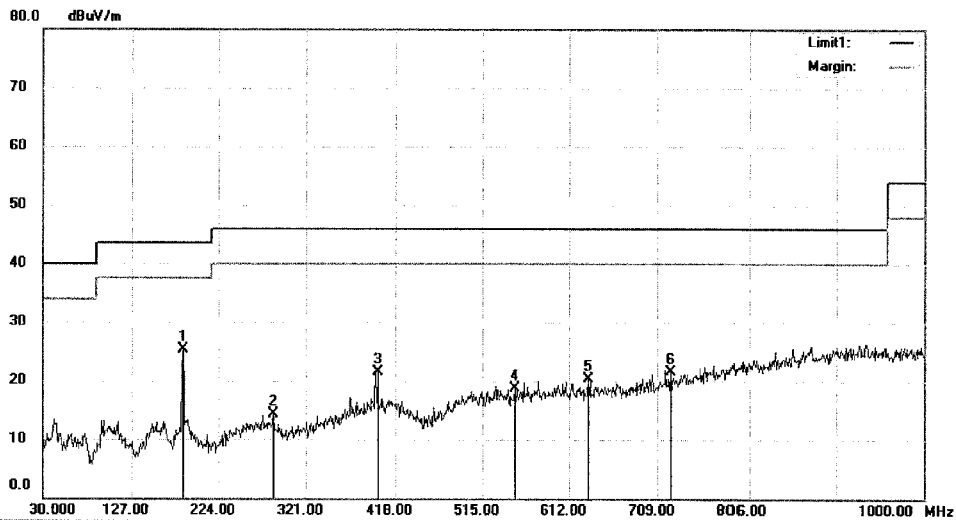
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Radiated Emission Measurement

File: TUV 8

Data: #25

Date: 15/08/10/



Site 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15.247

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: DL1018A, MID1016-MA

Mode: GFSK 2402

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	184.2300	43.64	-18.25	25.39	43.50	-18.11	QP		
2		285.1100	27.11	-12.88	14.23	46.00	-31.77	QP		
3		398.6000	30.46	-8.95	21.51	46.00	-24.49	QP		
4		551.8600	26.09	-7.38	18.71	46.00	-27.29	QP		
5		633.3400	27.04	-6.65	20.39	46.00	-25.61	QP		
6		723.5500	26.75	-5.25	21.50	46.00	-24.50	QP		

*:Maximum data x:Over limit l:over margin

Operator: XLX

File: TUV 8\Data: #25

Page: 1

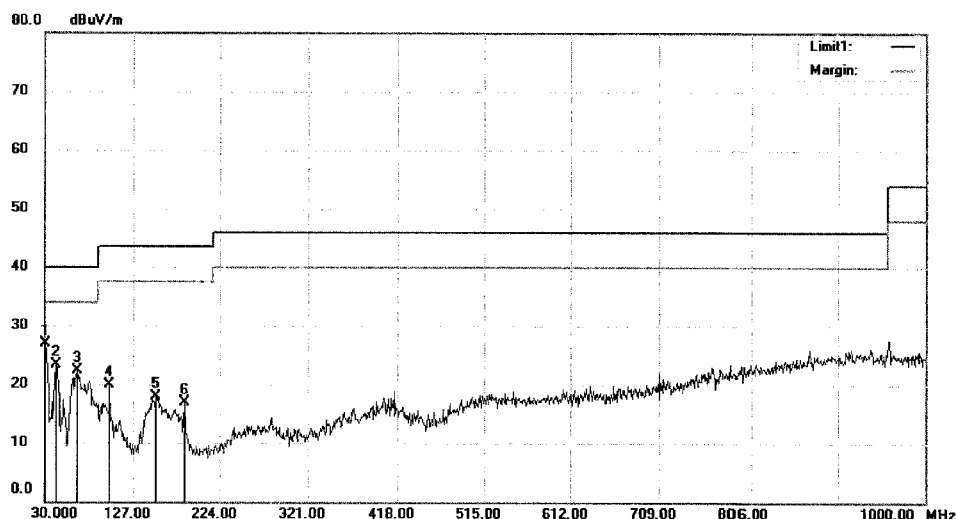
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Radiated Emission Measurement

File :TUV 8

Data :#26

Date: 15/08/10/



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15.247

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: DL1018A, MID1016-MA

Mode:GFSK 2402

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	30.9700	43.00	-16.13	26.87	40.00	-13.13	QP		
2		42.6100	36.27	-13.02	23.25	40.00	-16.75	QP		
3		65.8900	39.48	-17.27	22.21	40.00	-17.79	QP		
4		100.8100	33.84	-14.02	19.82	43.50	-23.68	QP		
5		152.2200	36.18	-18.24	17.94	43.50	-25.56	QP		
6		184.2300	35.08	-18.25	16.83	43.50	-26.67	QP		

*:Maximum data x:Over limit !:over margin

Operator: XLX

File :TUV 8\Data :#26

Page: 1

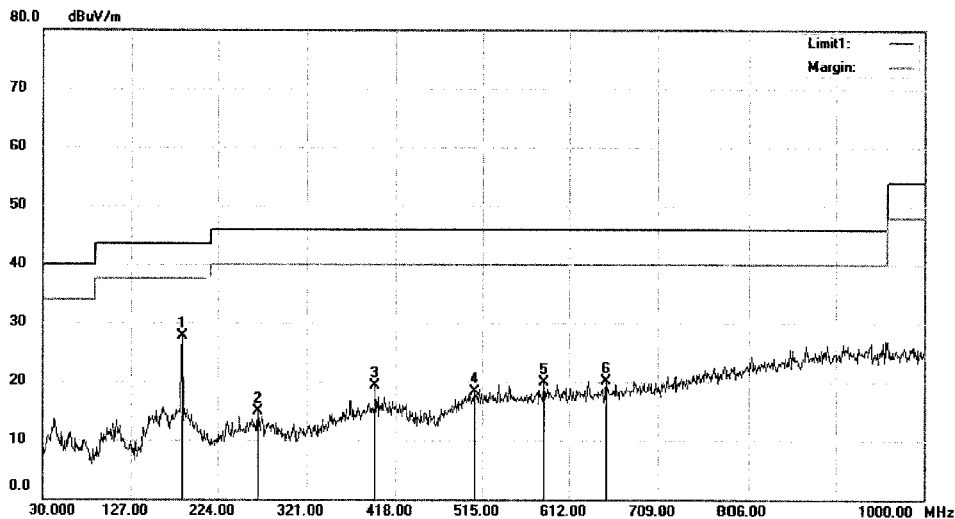
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Radiated Emission Measurement

File :TUV 8

Data :#27

Date: 15/08/10/



Site 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15.247

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: DL1018A, MID1016-MA

Mode:GFSK 2441

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	184.2300	45.89	-18.25	27.64	43.50	-15.86	QP		
2		268.6200	27.68	-12.70	14.98	46.00	-31.02	QP		
3		395.6900	28.40	-9.11	19.29	46.00	-26.71	QP		
4		506.2700	25.98	-7.75	18.23	46.00	-27.77	QP		
5		583.8700	26.94	-7.12	19.82	46.00	-26.18	QP		
6		652.7400	26.47	-6.46	20.01	46.00	-25.99	QP		

*:Maximum data x:Over limit !:over margin

Operator: XLX

File :TUV 8\Data :#27

Page: 1

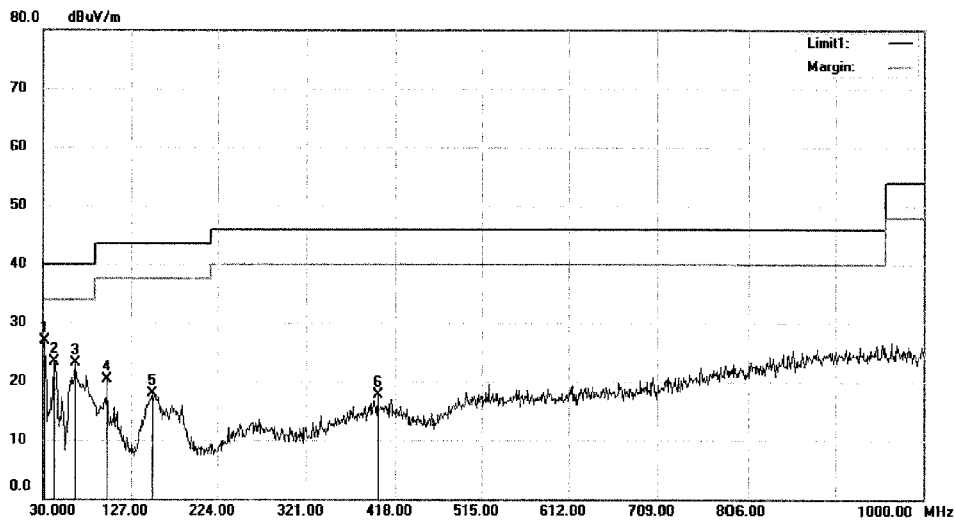
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Radiated Emission Measurement

File: TUV 8

Data: #28

Date: 15/08/10/



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15.247

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: DL1018A, MID1016-MA

Mode: GFSK 2441

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	31.9400	42.66	-15.81	26.85	40.00	-13.15	QP		
2		42.6100	36.23	-13.02	23.21	40.00	-16.79	QP		
3		64.9200	40.11	-16.99	23.12	40.00	-16.88	QP		
4		100.8100	34.27	-14.02	20.25	43.50	-23.25	QP		
5		150.2800	36.07	-18.12	17.95	43.50	-25.55	QP		
6		398.6000	26.60	-8.95	17.65	46.00	-28.35	QP		

*:Maximum data x:Over limit !:over margin

Operator: XLX

File: TUV 8\Data: #28

Page: 1

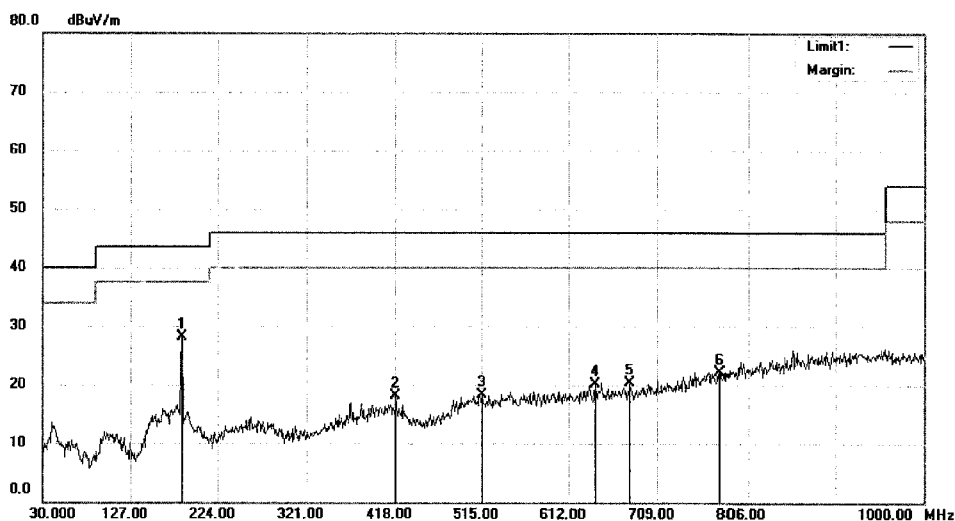
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Radiated Emission Measurement

File: TUV 8

Data: #29

Date: 15/08/10/



Site: 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15.247

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: DL1018A, MID1016-MA

Mode: GFSK 2480

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	184.2300	46.34	-18.25	28.09	43.50	-15.41	QP		
2		418.9700	27.41	-9.40	18.01	46.00	-27.99	QP		
3		515.9700	26.00	-7.67	18.33	46.00	-27.67	QP		
4		641.1000	26.61	-6.57	20.04	46.00	-25.96	QP		
5		678.9300	26.55	-6.19	20.36	46.00	-25.64	QP		
6		777.8700	25.76	-3.56	22.20	46.00	-23.80	QP		

*: Maximum data x: Over limit !: over margin

Operator: XLX

File: TUV 8\Data: #29

Page: 1

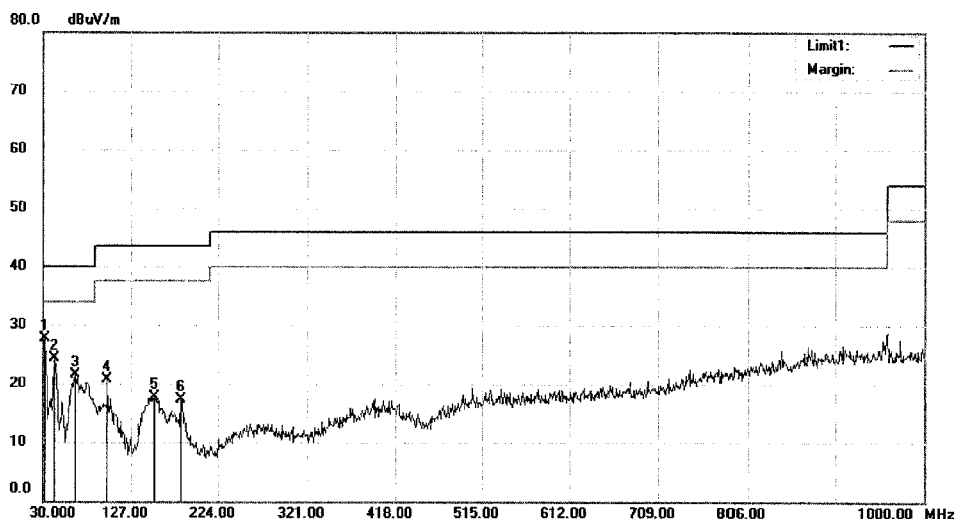
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Radiated Emission Measurement

File: TUV 8

Data: #30

Date: 15/08/10/



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15.247

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: DL1018A, MID1016-MA

Mode: GFSK 2480

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1	*	31.9400	43.53	-15.81	27.72	40.00	-12.28	QP		
2		42.6100	37.29	-13.02	24.27	40.00	-15.73	QP		
3		65.8900	38.74	-17.27	21.47	40.00	-18.53	QP		
4		100.8100	34.74	-14.02	20.72	43.50	-22.78	QP		
5		153.1900	35.90	-18.29	17.61	43.50	-25.89	QP		
6		183.2600	35.76	-18.41	17.35	43.50	-26.15	QP		

*:Maximum data x:Over limit !:over margin

Operator: XLX

File: TUV 8\Data: #30

Page: 1

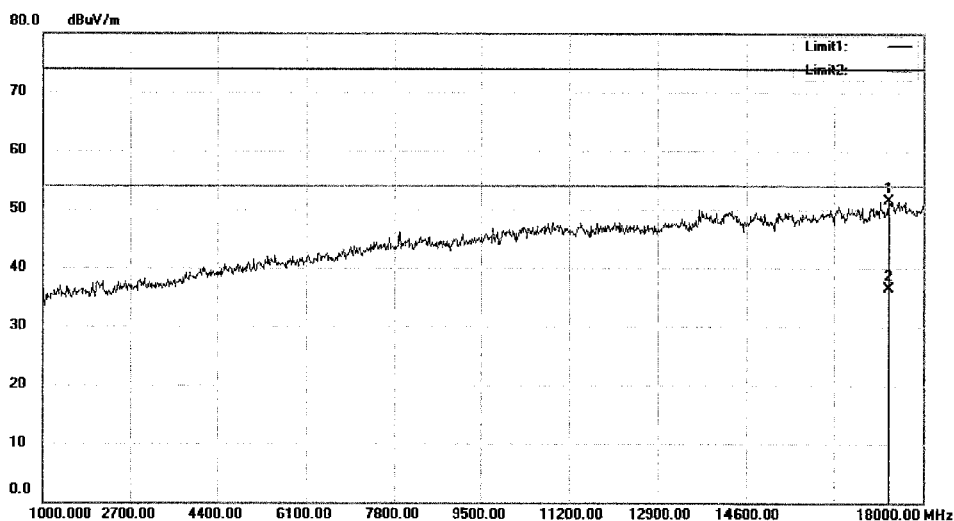
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Radiated Emission Measurement

File: TUV 8

Data: #156

Date: 15/08/14/



Site: 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15.247

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: DL1018A, MID1016-MA

Mode: GFSK 2402

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		17354.00	53.71	-2.17	51.54	74.00	-22.46	peak		
2	*	17354.00	38.59	-2.17	36.42	54.00	-17.58	AVG		

*:Maximum data x:Over limit !:over margin

Operator: KK

File: TUV 8\Data: #156

Page: 1

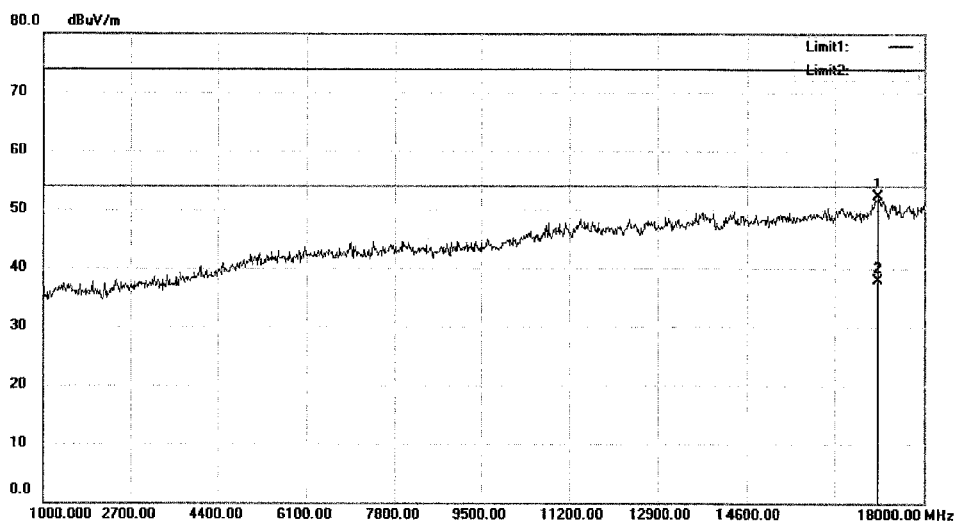
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Radiated Emission Measurement

File :TUV 8

Data :#155

Date: 15/08/14/



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15.247

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: DL1018A, MID1016-MA

Mode:GFSK 2402

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		17133.00	56.17	-3.91	52.26	74.00	-21.74	peak		
2	*	17133.00	41.77	-3.91	37.86	54.00	-16.14	AVG		

*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 8\Data :#155

Page: 1

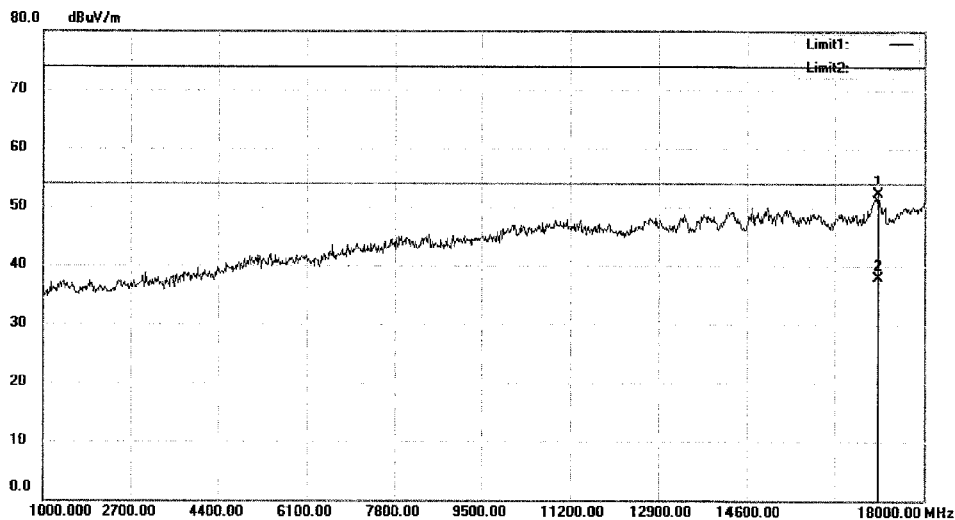
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Radiated Emission Measurement

File :TUV 8

Data :#158

Date: 15/08/14/



Site 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15.247

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: DL1018A, MID1016-MA

Mode:GFSK 2441

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		17116.00	56.35	-4.04	52.31	74.00	-21.69	peak		
2	*	17116.00	41.89	-4.04	37.85	54.00	-16.15	AVG		

*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 8\Data :#158

Page: 1

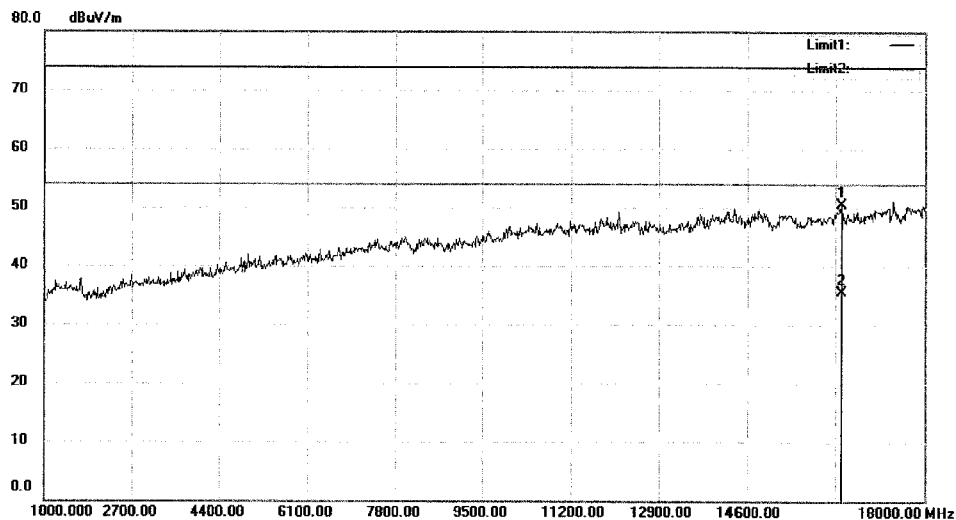
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Radiated Emission Measurement

File :TUV 8

Data :#157

Date: 15/08/14/



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15.247

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: DL1018A, MID1016-MA

Mode:GFSK 2441

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		16419.00	57.14	-6.58	50.56	74.00	-23.44	peak		
2	*	16419.00	42.01	-6.58	35.43	54.00	-18.57	AVG		

*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 8\Data :#157

Page: 1

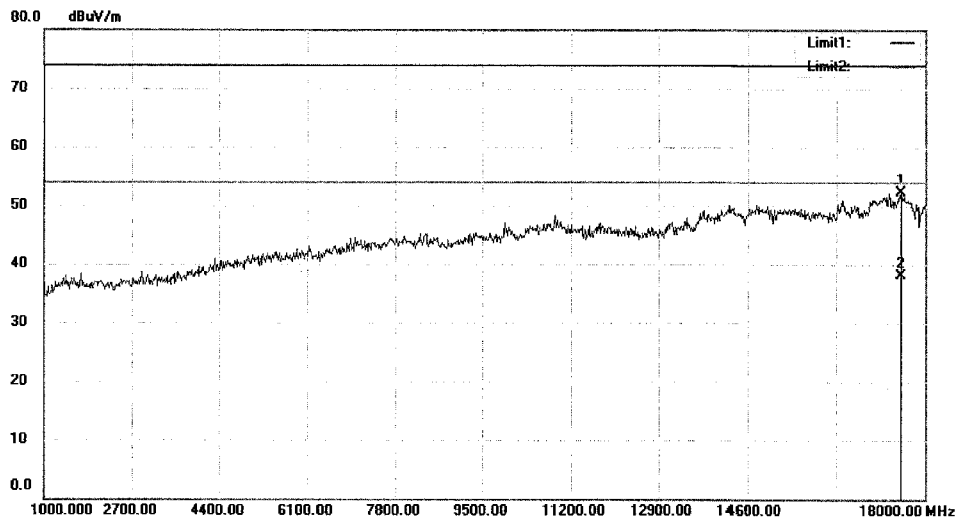
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Radiated Emission Measurement

File: TUV 8

Data: #160

Date: 15/08/14/



Site: 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15.247

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: DL1018A, MID1016-MA

Mode: GFSK 2480

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		17541.00	53.08	-0.71	52.37	74.00	-21.63	peak		
2	*	17541.00	38.86	-0.71	38.15	54.00	-15.85	AVG		

*: Maximum data x: Over limit !: over margin

Operator: KK

File: TUV 8\Data: #160

Page: 1

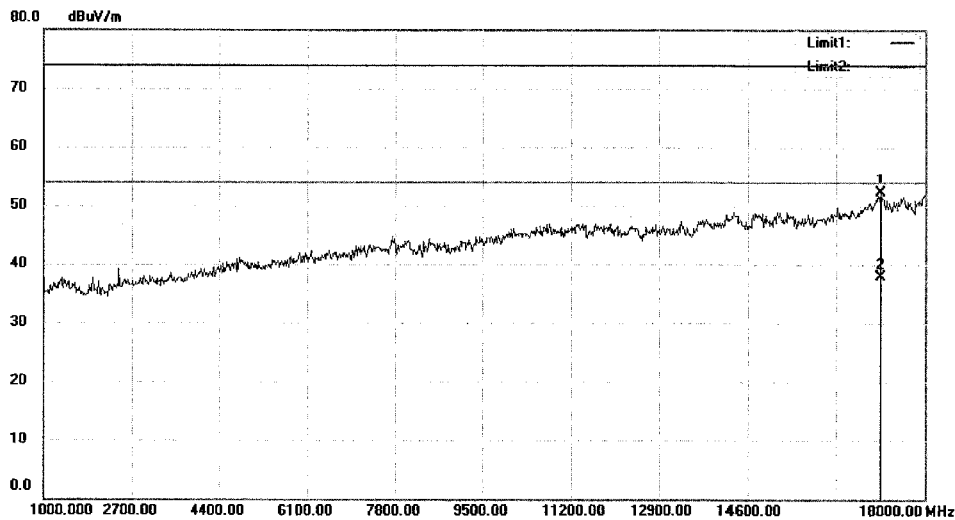
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Radiated Emission Measurement

File :TUV 8

Data :#159

Date: 15/08/14/



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15.247

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: DL1018A, MID1016-MA

Mode:GFSK 2480

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		17150.00	56.02	-3.79	52.23	74.00	-21.77	peak		
2	*	17150.00	41.66	-3.79	37.87	54.00	-16.13	AVG		

*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 8\Data :#159

Page: 1

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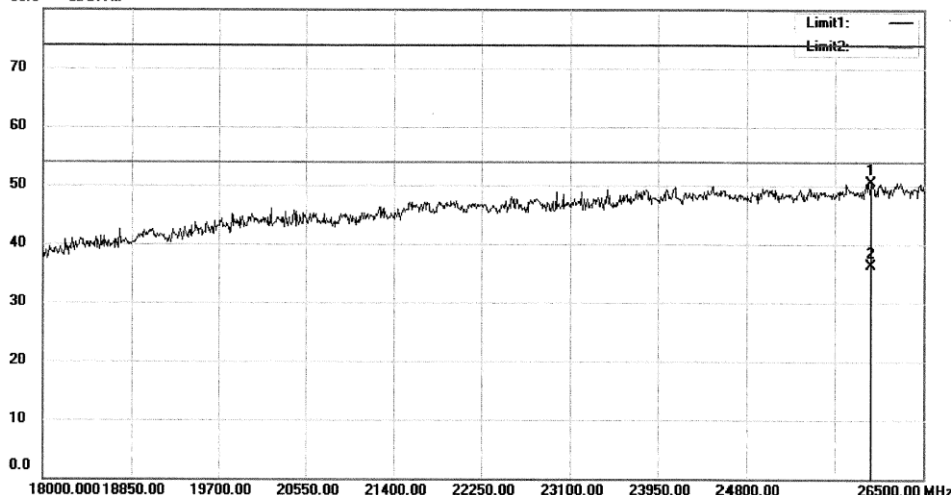

Radiated Emission Measurement

File :TUV 8

Data :#252

Date: 15/08/15/

80.0 dBuV/m



Site 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15.247

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: DL1018A, MID1016-MA

Mode:GFSK 2402

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		25990.00	86.26	-35.80	50.46	74.00	-23.54	peak		
2	*	25990.00	72.11	-35.80	36.31	54.00	-17.69	AVG		

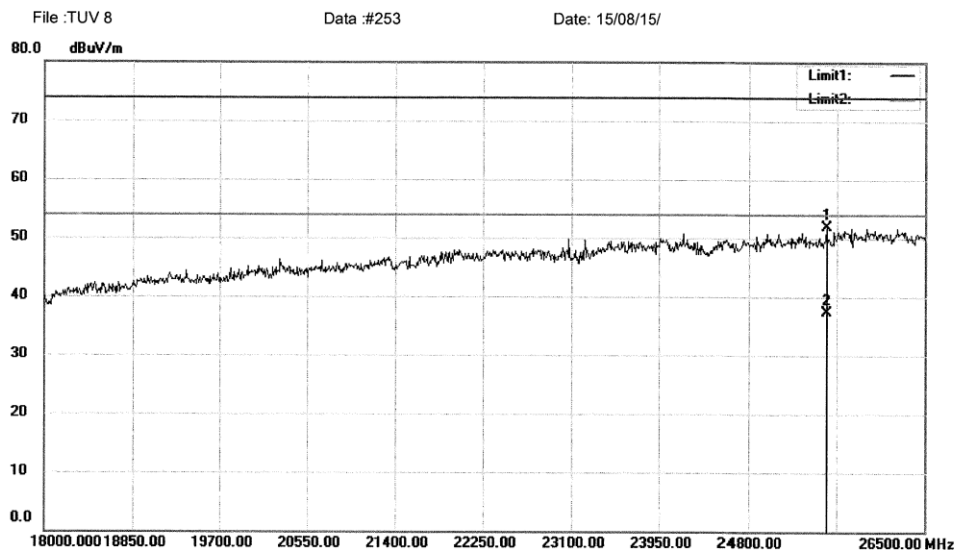
*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 8\Data :#252

Page: 1

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Radiated Emission Measurement


Site 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
 Limit: (RE)FCC PART 15.247 Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: DL1018A, MID1016-MA
 Mode:GFSK 2402
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		25548.00	88.15	-36.34	51.81	74.00	-22.19	peak		
2	*	25548.00	73.72	-36.34	37.38	54.00	-16.62	AVG		

*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 8\Data :#253

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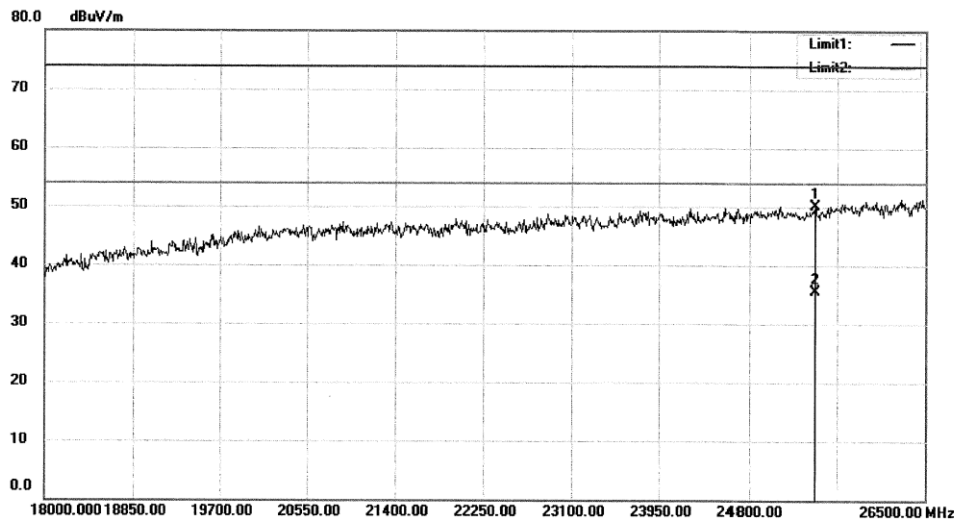
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Radiated Emission Measurement

File :TUV 8

Data :#254

Date: 15/08/15/



Site 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15.247

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: DL1018A, MID1016-MA

Mode:GFSK 2441

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		25437.50	86.60	-36.48	50.12	74.00	-23.88	peak		
2	*	25437.50	71.90	-36.48	35.42	54.00	-18.58	AVG		

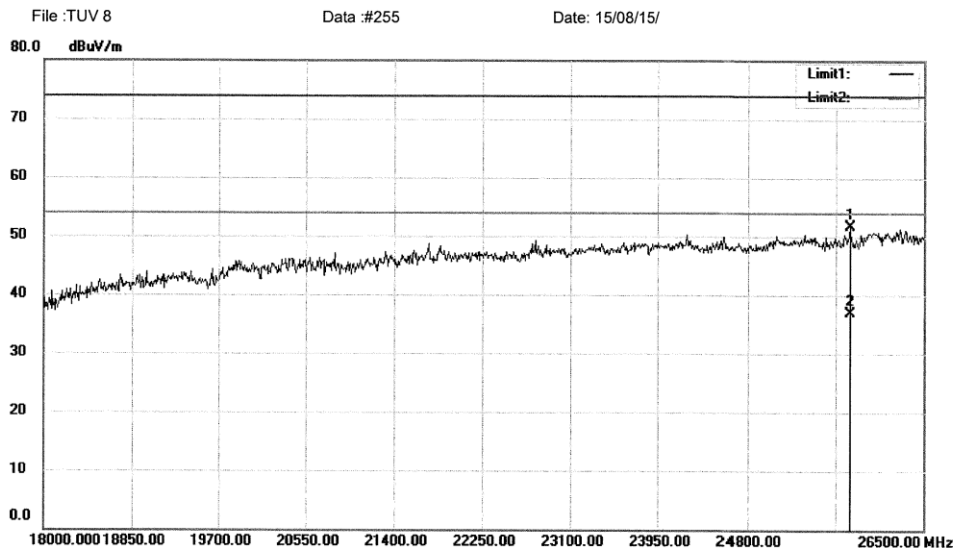
*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 8\Data :#254

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Radiated Emission Measurement


Site 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
 Limit: (RE)FCC PART 15.247 Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: DL1018A, MID1016-MA
 Mode:GFSK 2441
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		25786.00	87.70	-36.05	51.65	74.00	-22.35	peak		
2	*	25786.00	72.90	-36.05	36.85	54.00	-17.15	AVG		

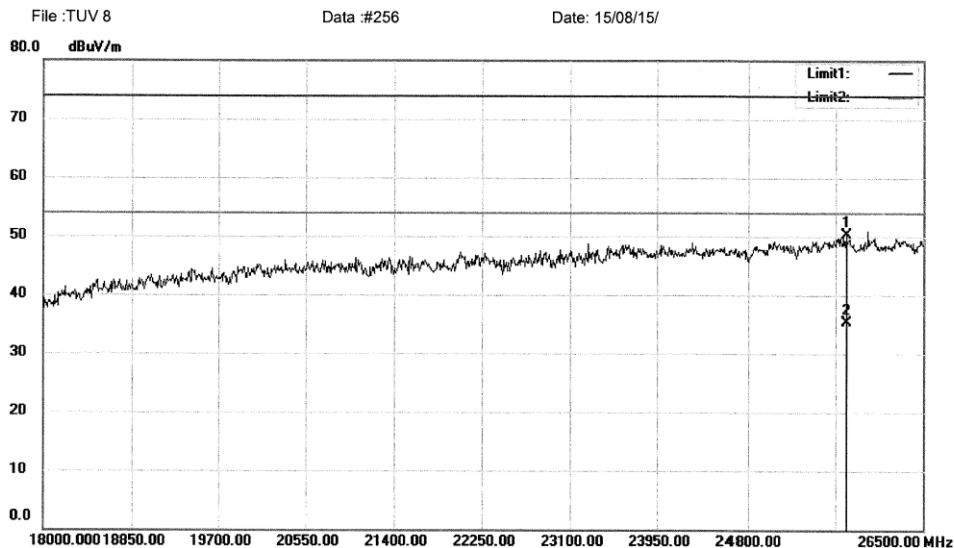
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Operator: KK

File :TUV 8\Data :#255

Page: 1

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Radiated Emission Measurement


Site 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 Limit: (RE)FCC PART 15.247 Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: DL1018A, MID1016-MA
 Mode:GFSK 2480
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		25752.00	86.32	-36.09	50.23	74.00	-23.77	peak		
2	*	25752.00	71.38	-36.09	35.29	54.00	-18.71	AVG		

*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 8\Data :#256

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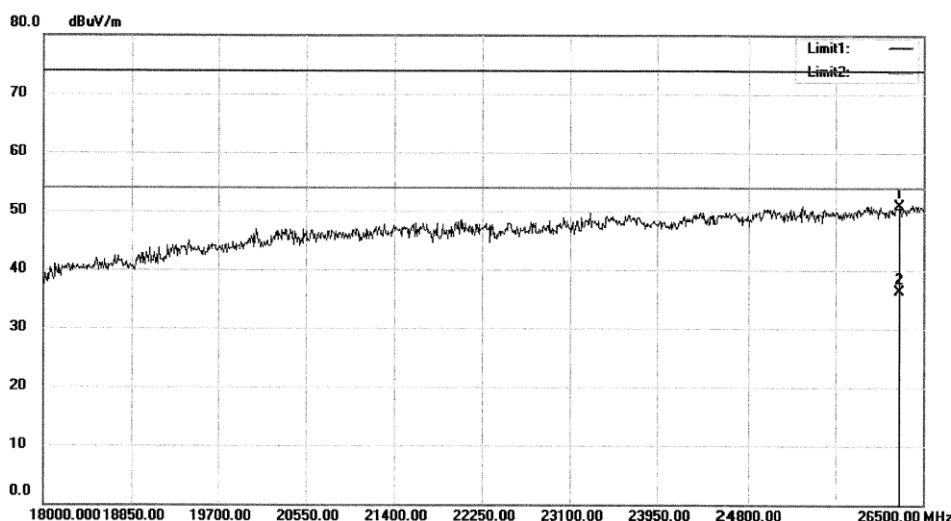
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Radiated Emission Measurement

File :TUV 8

Data :#257

Date: 15/08/15/



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15.247

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: DL1018A, MID1016-MA

Mode:GFSK 2480

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		26270.50	86.44	-35.46	50.98	74.00	-23.02	peak		
2	*	26270.50	71.73	-35.46	36.27	54.00	-17.73	AVG		

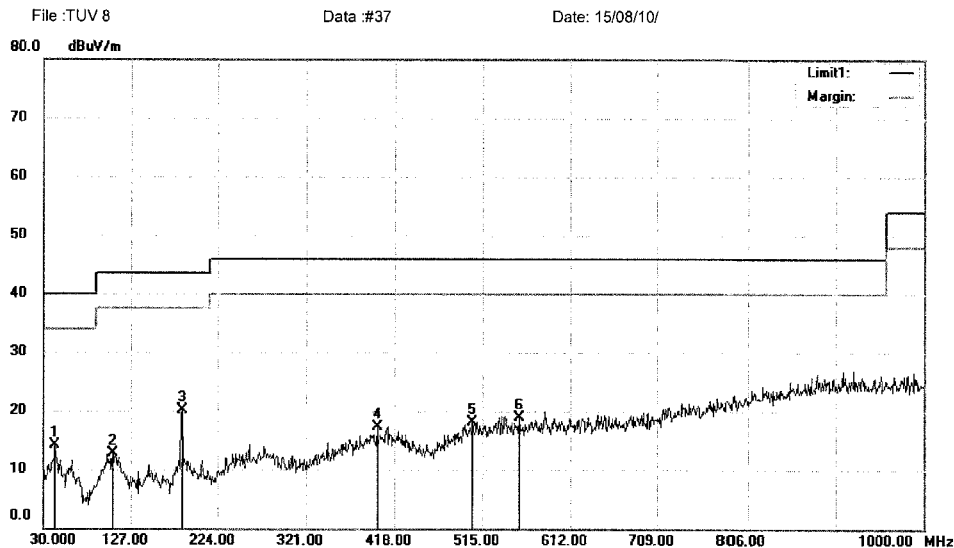
*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 8\Data :#257

Page: 1

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Radiated Emission Measurement


Site 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15.247

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: DL1018A, MID1016-MA

Mode: 8DPSK 2402

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		42.6100	27.06	-13.02	14.04	40.00	-25.96	QP		
2		106.6300	26.85	-14.15	12.70	43.50	-30.80	QP		
3	*	184.2300	38.45	-18.25	20.20	43.50	-23.30	QP		
4		398.6000	26.31	-8.95	17.36	46.00	-28.64	QP		
5		504.3300	25.97	-7.77	18.20	46.00	-27.80	QP		
6		555.7400	26.34	-7.34	19.00	46.00	-27.00	QP		

*:Maximum data x:Over limit !:over margin

Operator: XLX

File :TUV 8\Data :#37

Page: 1

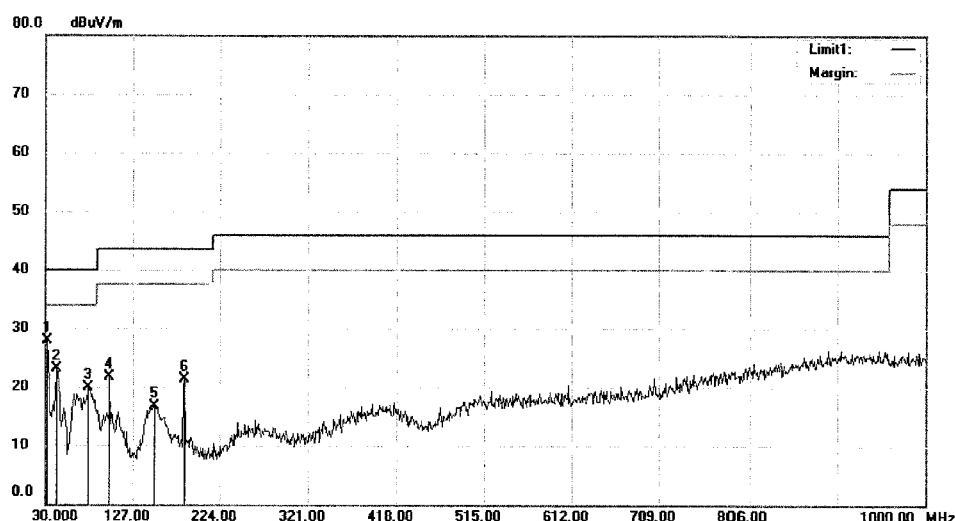
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Radiated Emission Measurement

File: TUV 8

Data: #38

Date: 15/08/10/



Site: 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15.247

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: DL1018A, MID1016-MA

Mode: 8DPSK 2402

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	31.9400	43.68	-15.81	27.87	40.00	-12.13	QP		
2		42.6100	36.05	-13.02	23.03	40.00	-16.97	QP		
3		77.5300	39.32	-19.46	19.86	40.00	-20.14	QP		
4		100.8100	35.68	-14.02	21.66	43.50	-21.84	QP		
5		150.2800	34.86	-18.12	16.74	43.50	-26.76	QP		
6		184.2300	39.54	-18.25	21.29	43.50	-22.21	QP		

*: Maximum data x: Over limit !: over margin

Operator: XLX

File: TUV 8\Data: #38

Page: 1

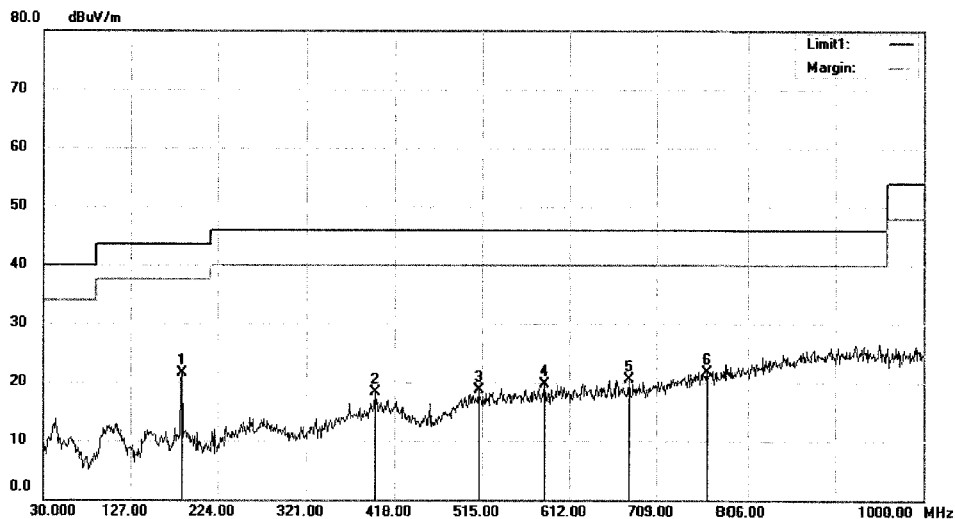
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Radiated Emission Measurement

File :TUV 8

Data :#39

Date: 15/08/10/



Site 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15.247

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: DL1018A, MID1016-MA

Mode:8DPSK 2441

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	184.2300	39.75	-18.25	21.50	43.50	-22.00	QP		
2		396.6600	27.27	-9.05	18.22	46.00	-27.78	QP		
3		511.1200	26.35	-7.71	18.64	46.00	-27.36	QP		
4		583.8700	26.87	-7.12	19.75	46.00	-26.25	QP		
5		678.9300	26.72	-6.19	20.53	46.00	-25.47	QP		
6		765.2600	25.62	-3.95	21.67	46.00	-24.33	QP		

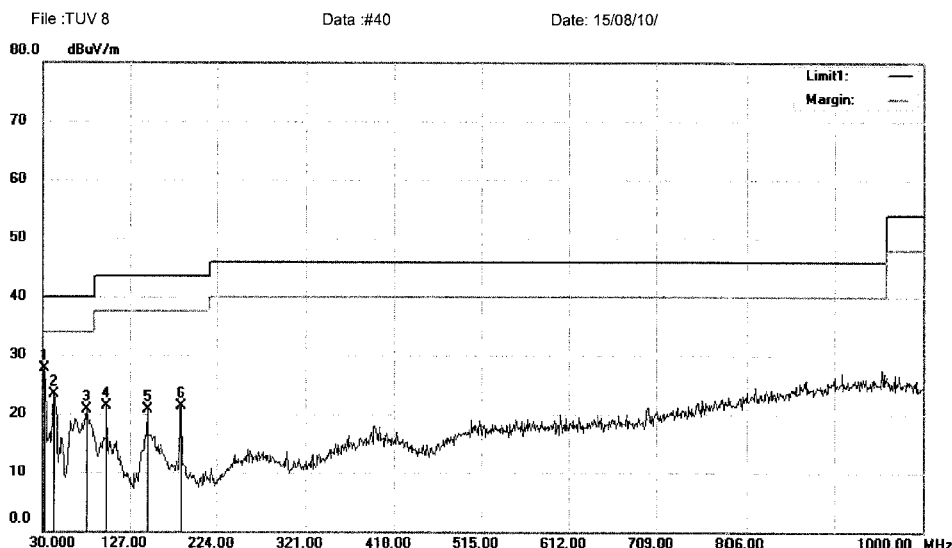
*:Maximum data x:Over limit !:over margin

Operator: XLX

File :TUV 8\Data :#39

Page: 1

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Radiated Emission Measurement


Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15.247

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: DL1018A, MID1016-MA

Mode: 8DPSK 2441

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	31.9400	43.46	-15.81	27.65	40.00	-12.35	QP		
2		42.6100	36.25	-13.02	23.23	40.00	-16.77	QP		
3		78.5000	40.10	-19.44	20.66	40.00	-19.34	QP		
4		100.8100	35.41	-14.02	21.39	43.50	-22.11	QP		
5		146.4000	38.79	-17.99	20.80	43.50	-22.70	QP		
6		184.2300	39.58	-18.25	21.33	43.50	-22.17	QP		

*:Maximum data x:Over limit !:over margin

Operator: XLX

File: TUV 8\Data: #40

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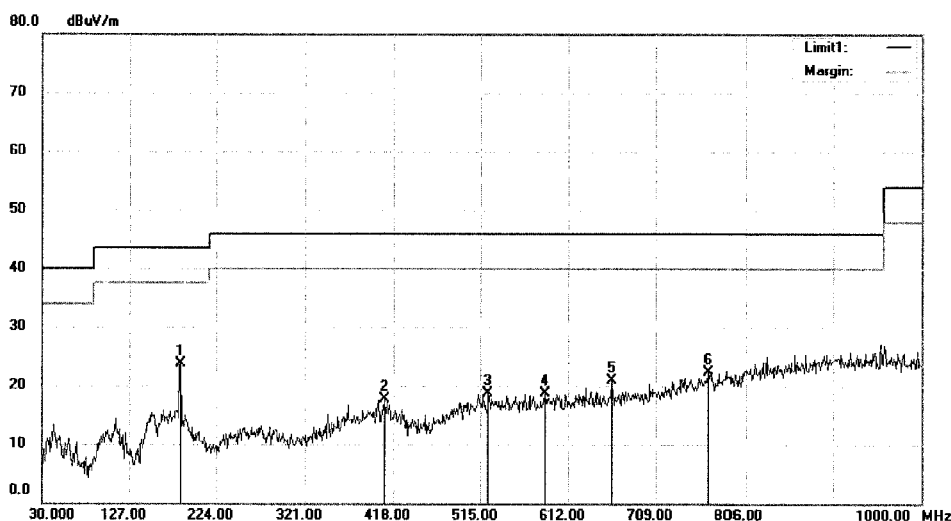
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Radiated Emission Measurement

File: TUV 8

Data: #41

Date: 15/08/10/



Site 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15.247

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: DL1018A, MID1016-MA

Mode: 8DPSK 2480

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	184.2300	42.01	-18.25	23.76	43.50	-19.74	QP		
2		408.3000	26.81	-9.10	17.71	46.00	-28.29	QP		
3		523.7300	26.29	-7.61	18.68	46.00	-27.32	QP		
4		586.7800	25.72	-7.10	18.62	46.00	-27.38	QP		
5		660.5000	27.26	-6.38	20.88	46.00	-25.12	QP		
6		768.1700	26.16	-3.87	22.29	46.00	-23.71	QP		

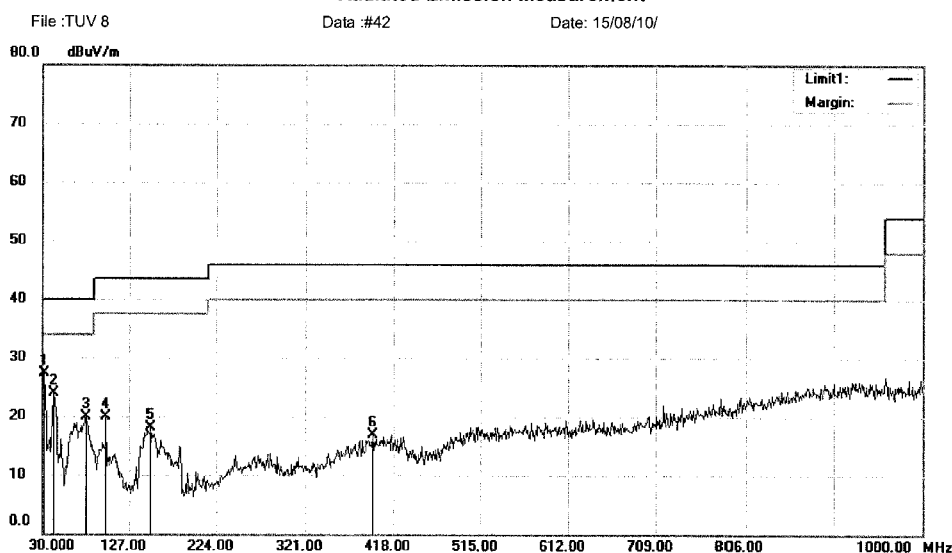
*:Maximum data x:Over limit !:over margin

Operator: XLX

File: TUV 8\Data: #41

Page: 1

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Radiated Emission Measurement


Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15.247

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: DL1018A, MID1016-MA

Mode: 8DPSK 2480

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	31.9400	43.06	-15.81	27.25	40.00	-12.75	QP		
2		42.6100	36.95	-13.02	23.93	40.00	-16.07	QP		
3		78.5000	39.26	-19.44	19.82	40.00	-20.18	QP		
4		100.8100	34.02	-14.02	20.00	43.50	-23.50	QP		
5		151.2500	36.20	-18.18	18.02	43.50	-25.48	QP		
6		395.6900	25.95	-9.11	16.84	46.00	-29.16	QP		

*:Maximum data x:Over limit !:over margin

Operator: XLX

File: TUV 8\Data: #42

Page: 1

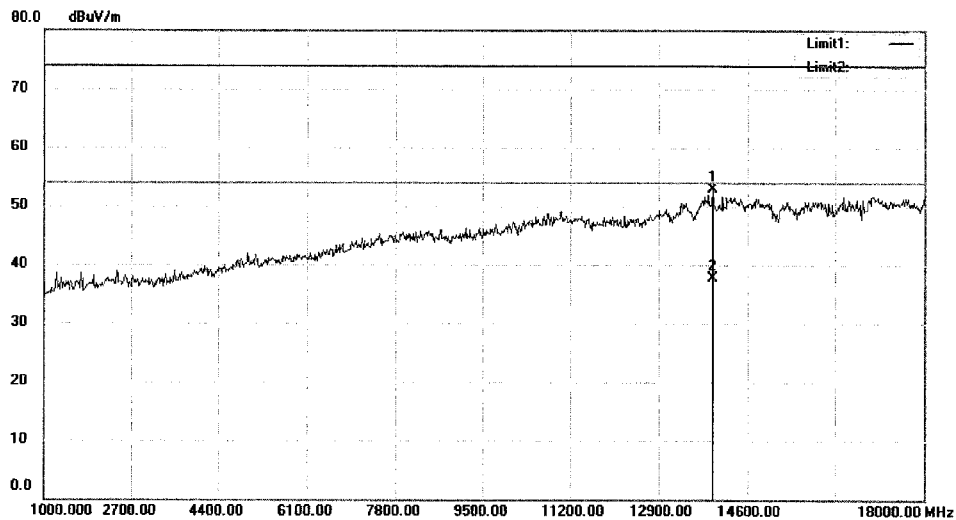
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Radiated Emission Measurement

File :TUV 8

Data :#168

Date: 15/08/14/



Site 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15.247

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: DL1018A, MID1016-MA

Mode:8DPSK 2402

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		13954.00	58.48	-5.52	52.96	74.00	-21.04	peak		
2	*	13954.00	43.16	-5.52	37.64	54.00	-16.36	AVG		

*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 8\Data :#168

Page: 1

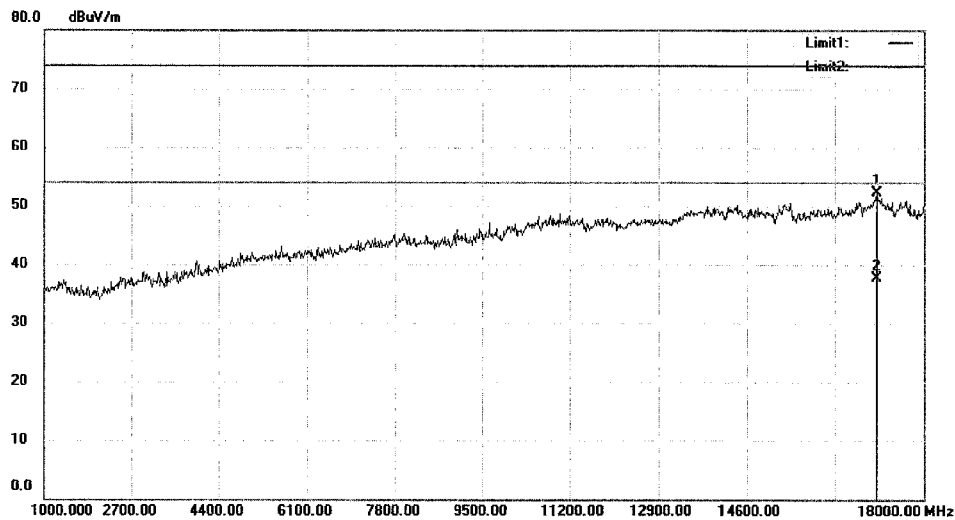
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Radiated Emission Measurement

File :TUV 8

Data :#167

Date: 15/08/14/



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15.247

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: DL1018A, MID1016-MA

Mode:8DPSK 2402

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		17099.00	56.40	-4.19	52.21	74.00	-21.79	peak		
2	*	17099.00	41.95	-4.19	37.76	54.00	-16.24	AVG		

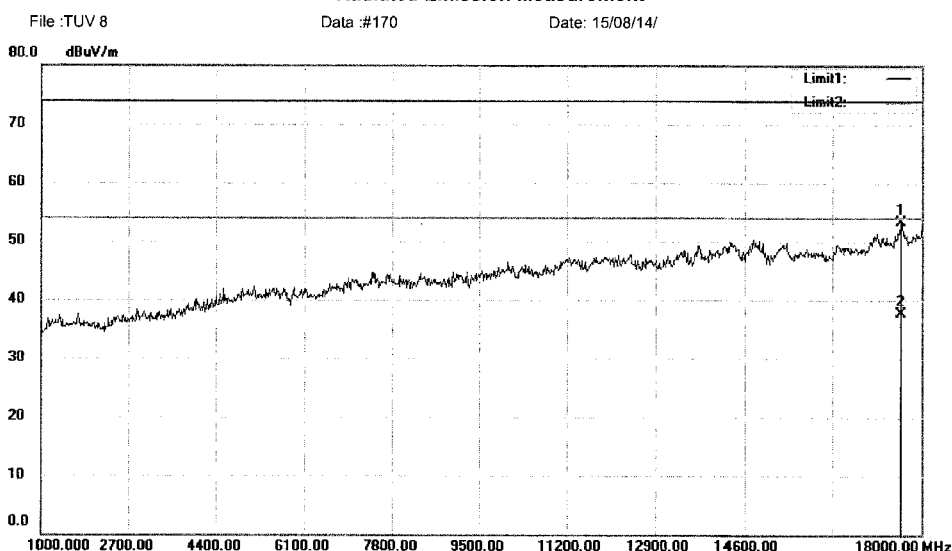
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Operator: KK

File :TUV 8\Data :#167

Page: 1

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Radiated Emission Measurement


Site 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 Limit: (RE)FCC PART 15.247 Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: DL1018A, MID1016-MA
 Mode: 8DPSK 2441
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		17609.00	53.38	-0.16	53.22	74.00	-20.78	peak		
2	*	17609.00	37.84	-0.16	37.68	54.00	-16.32	AVG		

*:Maximum data x:Over limit !:over margin

Operator: KK

File: TUV 8\Data: #170

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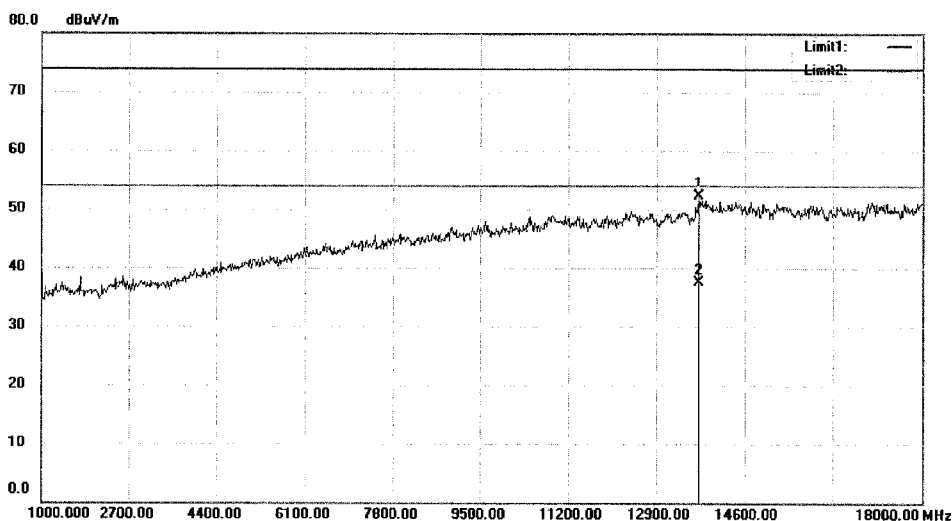
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Radiated Emission Measurement

File :TUV 8

Data :#169

Date: 15/08/14/



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15.247

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: DL1018A, MID1016-MA

Mode:8DPSK 2441

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		13733.00	58.83	-6.57	52.26	74.00	-21.74	peak		
2	*	13733.00	44.11	-6.57	37.54	54.00	-16.46	AVG		

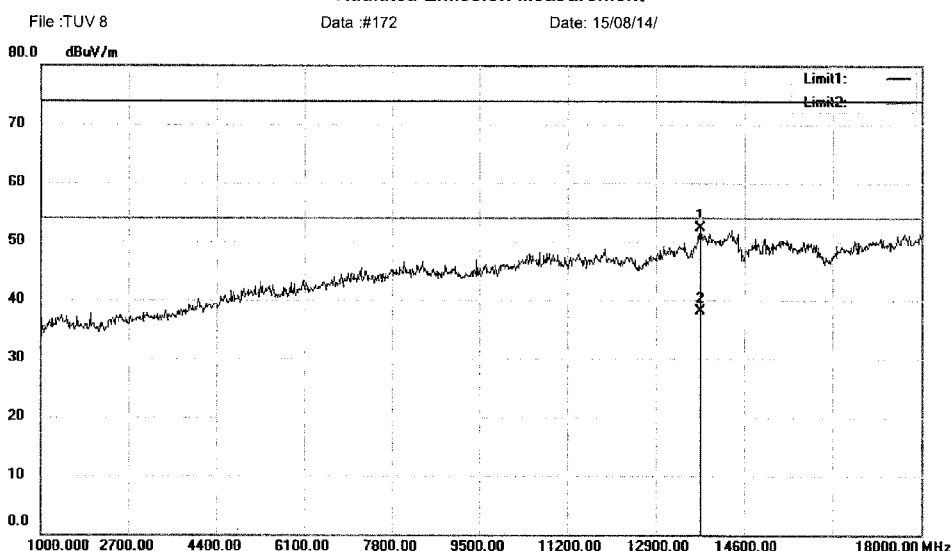
*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 8\Data :#169

Page: 1

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Radiated Emission Measurement


Site: 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 Limit: (RE)FCC PART 15.247 Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: DL1018A, MID1016-MA
 Mode: 8DPSK 2480
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		13767.00	58.82	-6.42	52.40	74.00	-21.60	peak		
2	*	13767.00	44.61	-6.42	38.19	54.00	-15.81	AVG		

*:Maximum data x:Over limit !:over margin

Operator: KK

File: TUV 8\Data: #172

Page: 1