
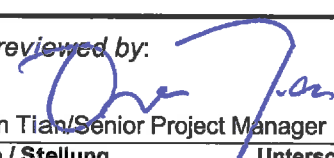


Prüfbericht-Nr.: <i>Test Report No.:</i>	17051839 003	Auftrags-Nr.: <i>Order No.:</i>	164042267	Seite 1 von 107 Page 1 of 107	
Kunden-Referenz-Nr.: <i>Client Reference No.:</i>	N/A	Auftragsdatum: <i>Order date:</i>	30.07.2015		
Auftraggeber: <i>Client:</i>	Lightcomm Technology Co., Ltd. RM1708-10, 17/F, 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 15.407 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:		
26.05.2015	Lin Lin / Project Manager		26.05.2015	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>	Unterschrift <i>Signature</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	5 = mangelhaft 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	5 = poor N/T = not tested
<p>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></p>					

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Test Report No.

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TEST SUMMARY

5.1.1 ANTENNA REQUIREMENT*RESULT: Pass***5.1.2 PEAK OUTPUT POWER***RESULT: Pass***5.1.3 26dB BANDWIDTH AND 99% BANDWIDTH***RESULT: Pass***5.1.4 6dB BANDWIDTH***RESULT: Pass***5.1.5 POWER SPECTRAL DENSITY***RESULT: Pass***5.1.6 SPURIOUS EMISSION***RESULT: Pass***5.1.7 CONDUCTED EMISSIONS***RESULT: Pass*

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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.

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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 EUT

Technical Specification	Value
Kind of Equipment	10.1" Wi-Fi Android™ Tablet
Type Designation	DL1018A, MID1016-MA
FCC ID	XMF-MID1016
Operating Frequency band	5180 – 5240MHz, 5745 – 5825MHz
Extreme Temperature Range	-30~+75°C
Operation Voltage	DC 3.7V (via built in battery)
	DC 5V (via AC/DC adapter)
Antenna Gain	1.08dBi

Table 4: Technical Specification of Wi-Fi

Item	Description (IEEE 802.11a)
Operating Frequency band (MHz)	5180 – 5240MHz, 5745 – 5825MHz
Channel Number	9
Modulation	OFDM (BPSK, QPSK, 16-QAM, 64-QAM)
Data Rate (Mbps)	6, 9, 12, 18, 24, 36, 48, 54
Transmitter Output Power (Typical) (dBm)	17.5
Media Access Protocol	CSMA/CA with ACK

Table 5: Carrier Frequency of 802.11a

Frequency Band	Channel No.	Frequency	Channel No.	Frequency
5180 – 5240MHz, 5745 – 5825MHz	36	5180 MHz	153	5765 MHz
	40	5200 MHz	157	5785 MHz
	44	5220 MHz	161	5805 MHz
	48	5240 MHz	165	5825 MHz
	149	5745 MHz		

3.3 Independent Operation Modes

The basic operation modes are:

- A. On, Wi-Fi mode (5180 – 5240MHz)
 - 1. Transmitting
 - a. Low Channel
 - b. High Channel
 - 2. Receiving
- B. On, Wi-Fi mode (5745 – 5825MHz)
 - 1. Transmitting
 - a. Low Channel
 - b. High Channel
 - 2. Receiving
- C. Standby
- D. Off

3.4 Noise Generating and Noise Suppressing Parts

Refer to the Circuit Diagram.

3.5 Submitted Documents

- Bill of Material
- Constructional Drawing
- PCB Layout
- Photo Document
- Circuit Diagram
- Instruction Manual
- 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 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

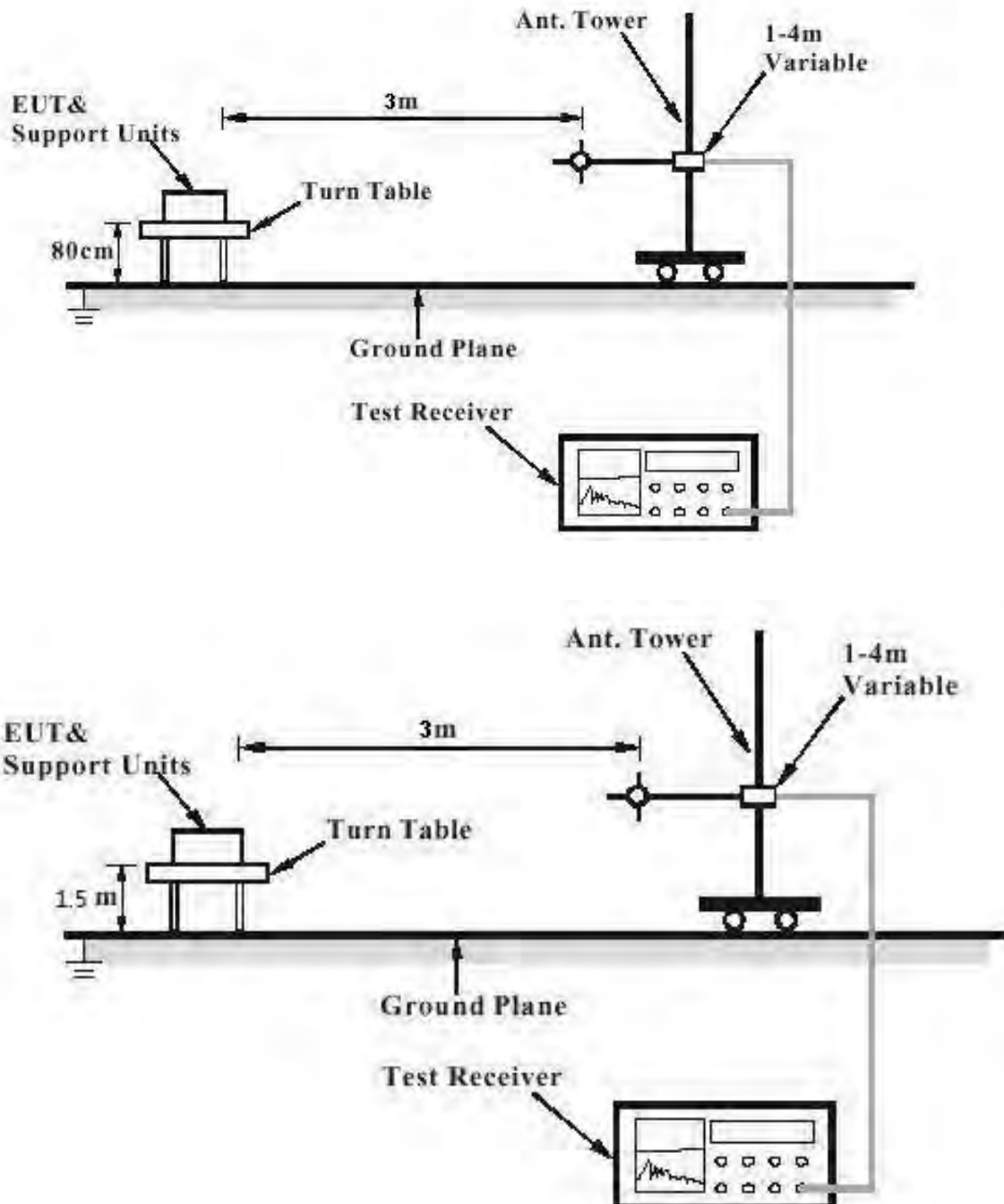


Diagram of Measurement Equipment Configuration for Conduction Measurement

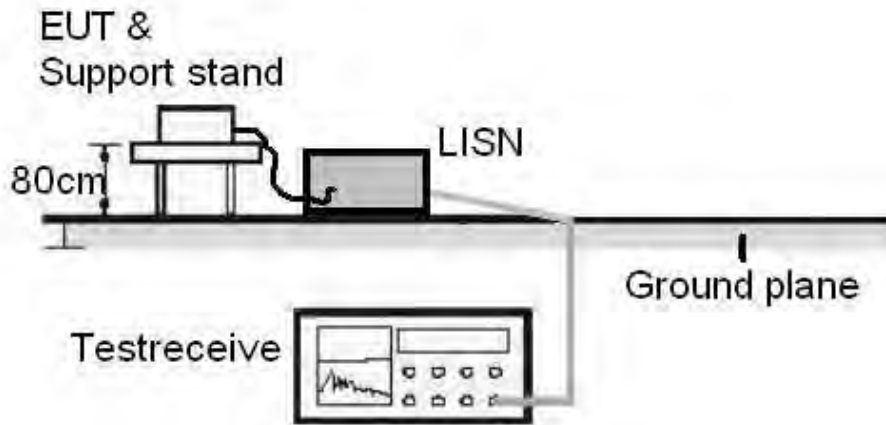
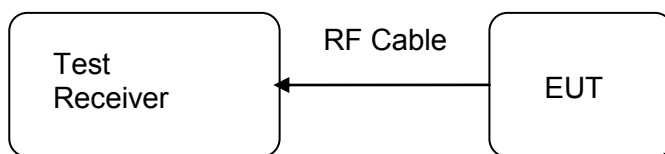


Diagram of Measurement Equipment Configuration for Transmitter Measurement



5. Test Results

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

RESULT:**Pass**

Test standard : FCC Part 15.203
RSS-Gen Clause 6.7
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 1.08dBi, 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 15.407(a)(1)
 : FCC Part 15.407(a)(3)
 Basic standard : ANSI C63.10: 2013
 Limit : 250mW / 1W
 Kind of test site : Shielded room

Test setup

Test Channel : All channel
 Operation Mode : A.1, B.1
 Ambient temperature : 25°C
 Relative humidity : 50%
 Atmospheric pressure : 101kPa

Table 6: Test result of Peak Output Power of 802.11a

Channel	Channel Frequency (MHz)	Peak Output Power (dBm)	Limit (dBm)	EIRP (dBm)
36	5180	16.07	24	17.27
40	5200	16.04	24	17.23
48	5240	16.08	24	17.27
149	5745	16.07	30	17.26
157	5785	16.05	30	17.25
165	5825	16.08	30	17.28

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Page 15 of 107**5.1.3 26dB Bandwidth and 99% Bandwidth****RESULT:****Pass**

Date of testing : 2015-08-12
Test standard : FCC Part 15.407(a)(5)
Basic standard : ANSI C63.10: 2013
Kind of test site : Shielded room

Test setup

Test Channel : All channel
Operation Mode : A.1
Ambient temperature : 25°C
Relative humidity : 50%
Atmospheric pressure : 101kPa

Table 7: Test result of 26dB Bandwidth and 99% Bandwidth of 802.11a

Channel	Channel Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
36	5180	22.47	16.662
40	5200	21.96	16.679
48	5240	20.39	16.596
149	5745	26.98	16.864
157	5785	27.33	16.898
165	5825	25.20	16.771

5.1.4 6dB Bandwidth

RESULT:
Pass

Date of testing : 2015-08-12
 Test standard : FCC Part 15.407(e)
 Basic standard : ANSI C63.10: 2013
 Limit : 500kHz for 6dB bandwidth
 Kind of test site : Shielded room

Test setup

Test Channel : All channel
 Operation Mode : B.1
 Ambient temperature : 25°C
 Relative humidity : 50%
 Atmospheric pressure : 101kPa

Table 8: Test result of 6dB Bandwidth of 802.11a

Channel	Channel Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
149	5745	15.18	≥0.5
157	5785	15.18	≥0.5
165	5825	15.18	≥0.5

5.1.5 Power spectral density

RESULT:**Pass**

Date of testing : 2015-08-12
Test standard : FCC Part 15.407(a)(1)
FCC Part 15.407(a)(3)
Basic standard : ANSI C63.10: 2013
Limit : 17dBm/MHz, 30dBm/500kHz (33dBm/MHz)
Kind of test site : Shield room

Test setup

Test Channel : All channel
Operation mode : A.1, B.1
Ambient temperature : 25°C
Relative humidity : 50%
Atmospheric pressure : 101kPa

Table 9: Test result of power spectral density

Channel	Channel (MHz)	Result (dBm/MHz)	Limit (dBm/MHz)	Conclusion
36	5180	4.694	11	Pass
40	5200	4.792	11	Pass
48	5240	4.767	11	Pass
149	5745	2.306	33	Pass
157	5785	2.007	33	Pass
165	5825	1.843	33	Pass

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5.1.6 Spurious Emission

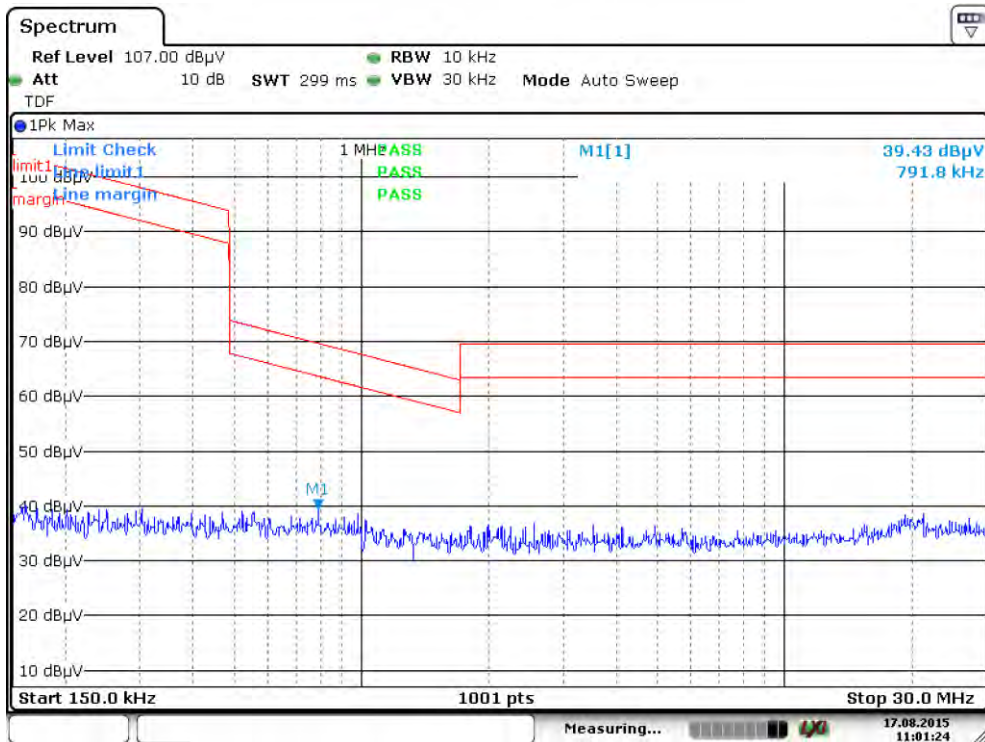
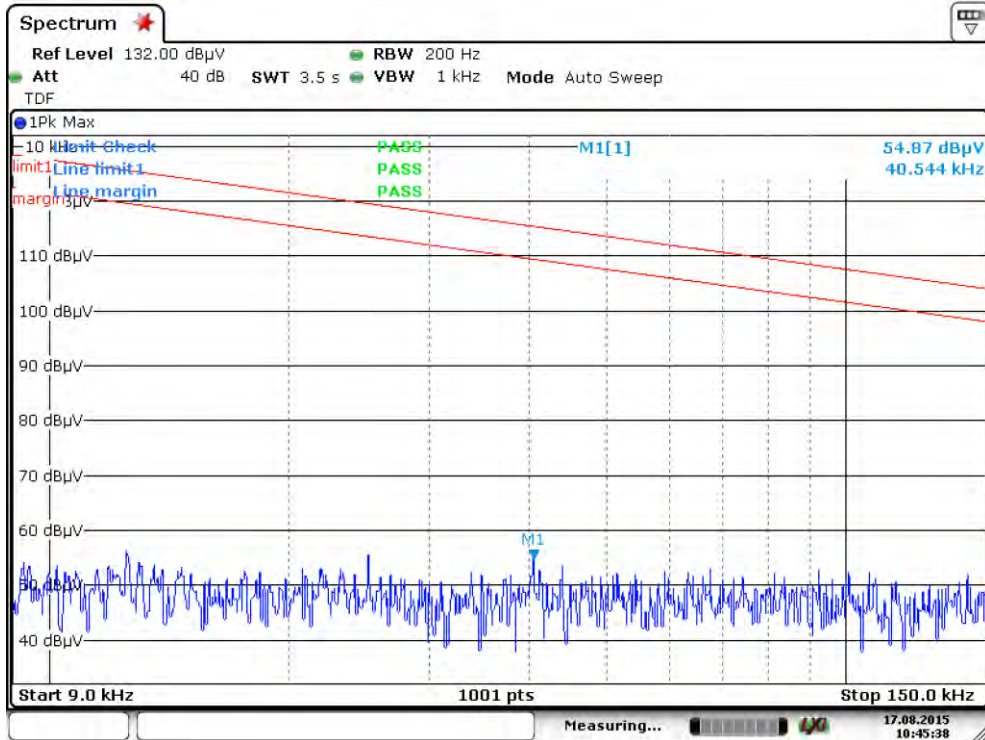
RESULT:**Pass**

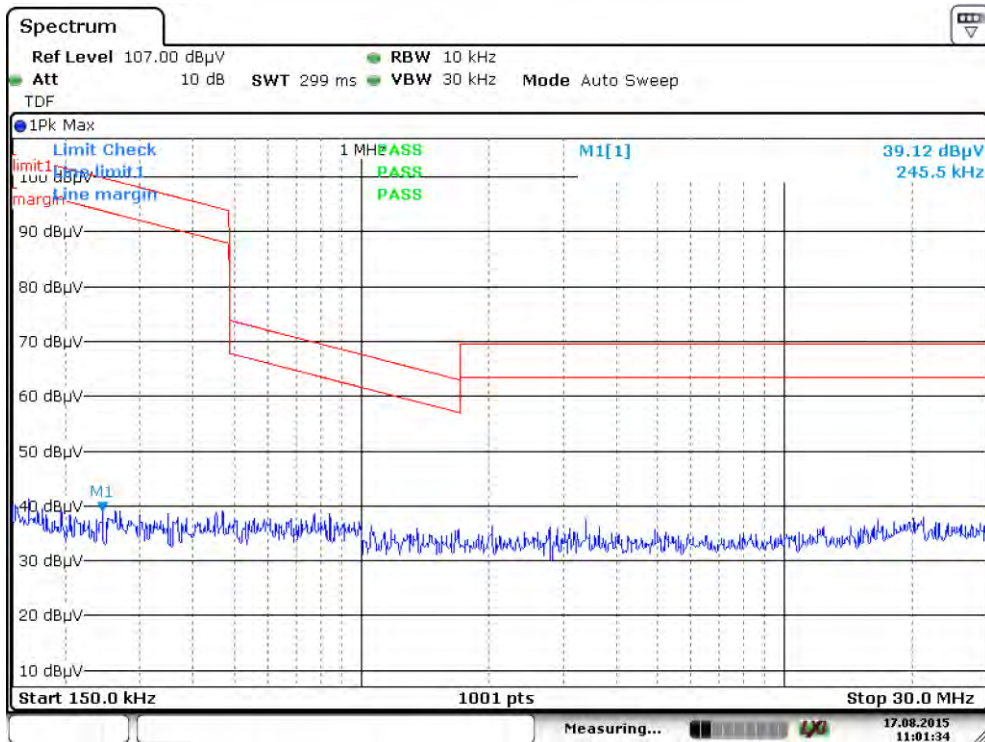
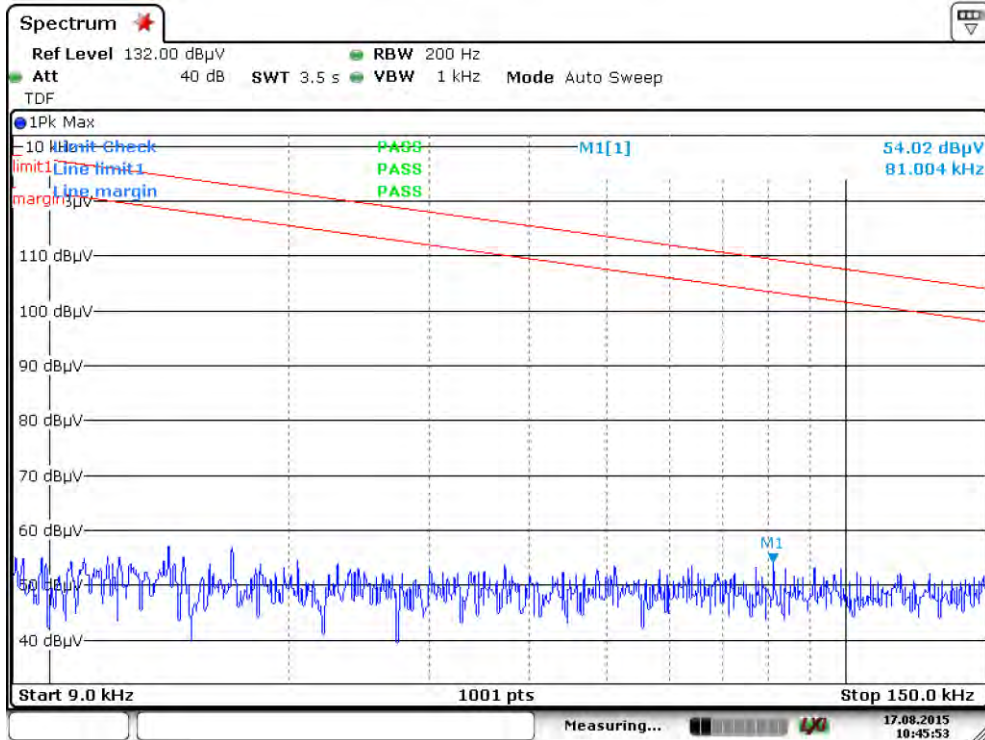
Date of testing : 2015-08-17
Test standard : FCC part 15.407(b)
KDB789033 D02 v01
Basic standard : ANSI C63.10: 2013
Limits : FCC part 15.209(a)
Kind of test site : 3m Semi-Anechoic Chamber & Anechoic Chamber

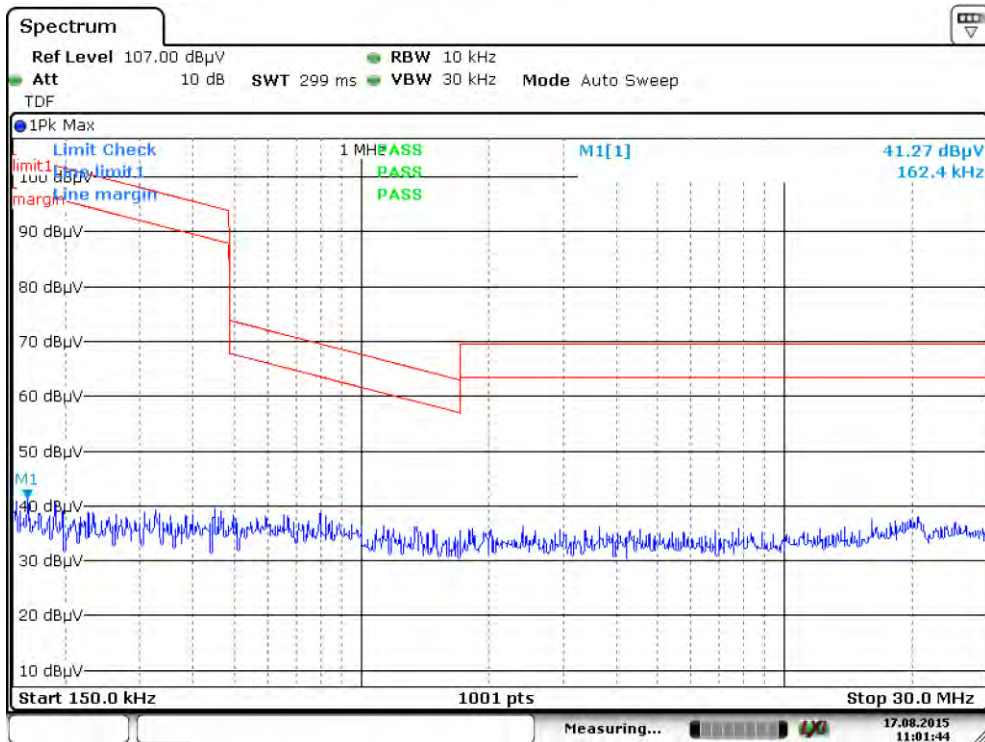
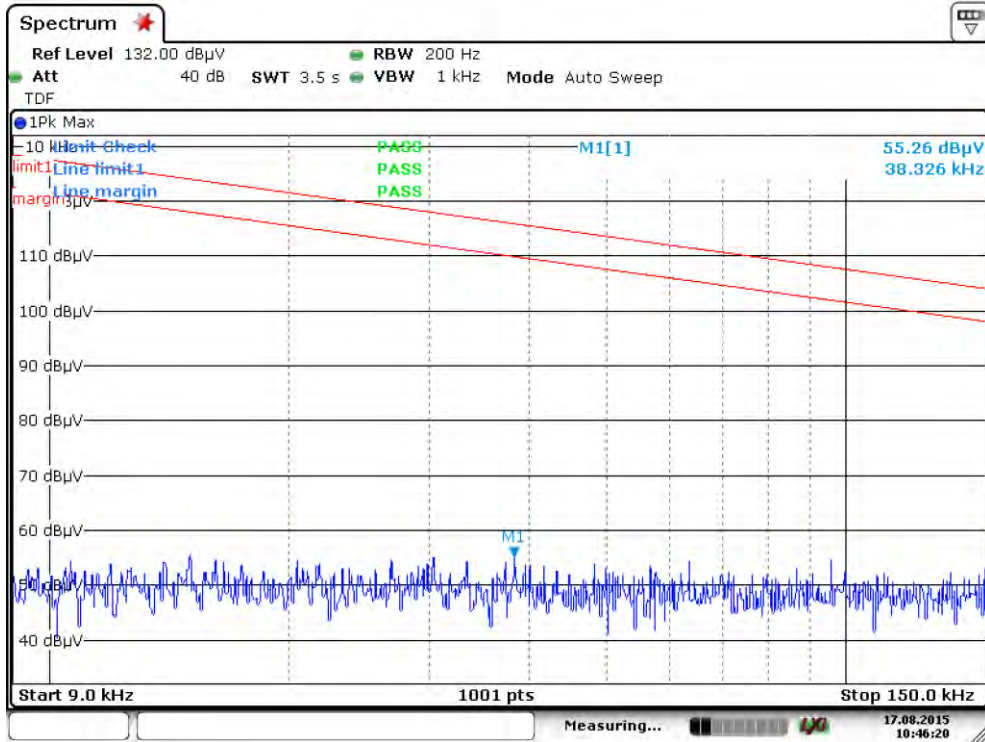
Test setup

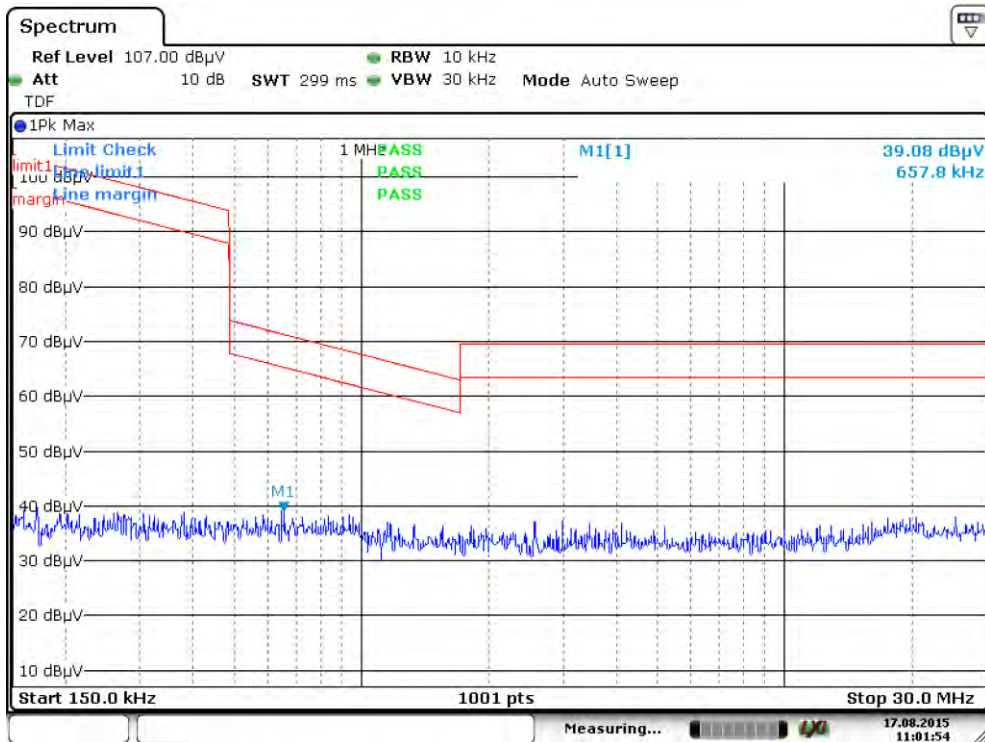
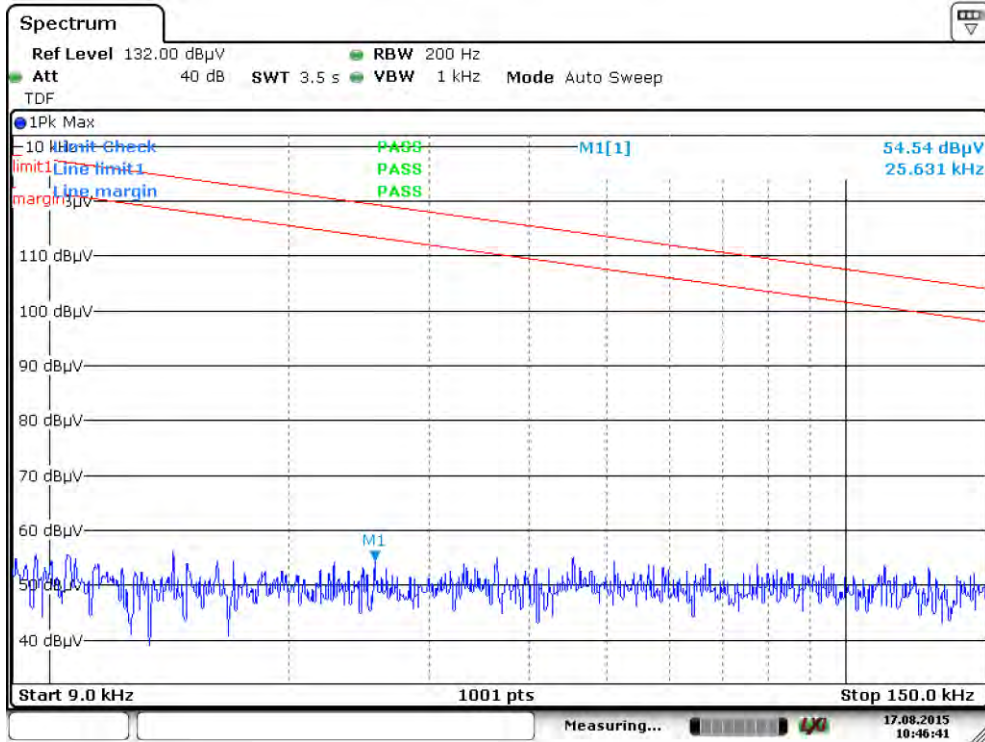
Test Channel : All channel
Operation mode : A.1, A.2
Ambient temperature : 24°C
Relative humidity : 53%
Atmospheric pressure : 101kPa

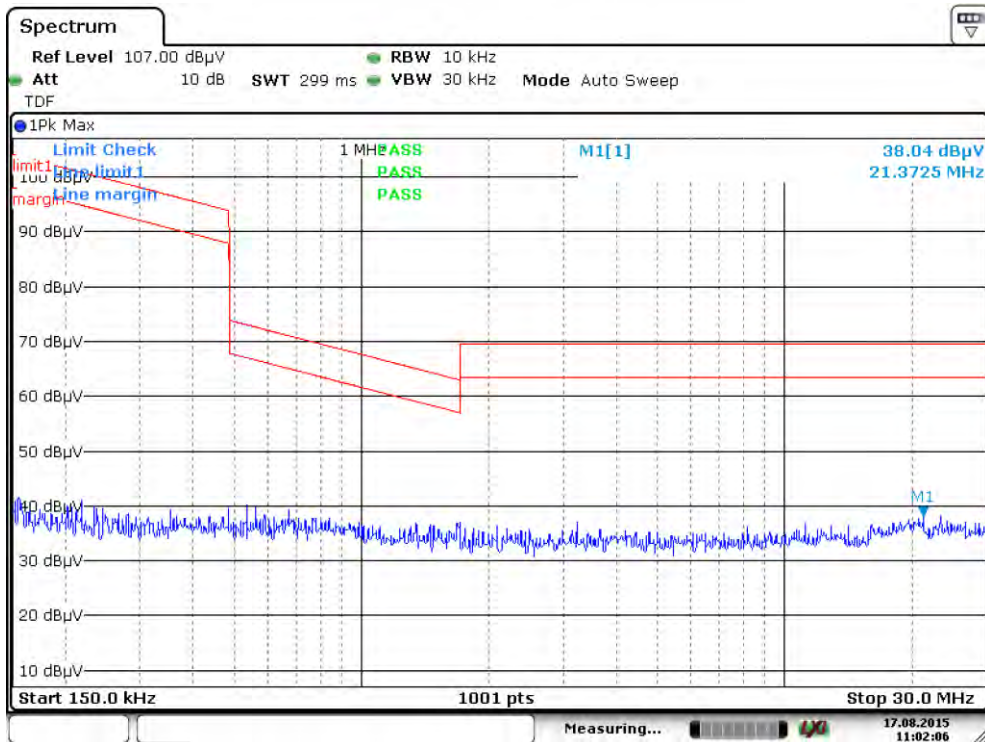
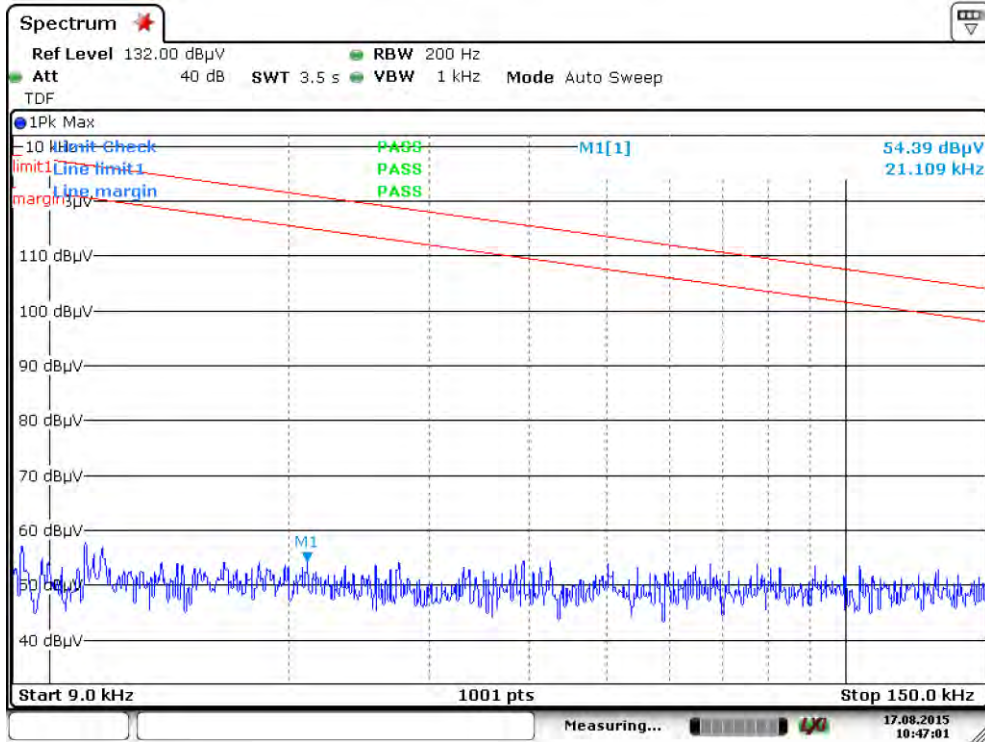
For details refer to following test plot.

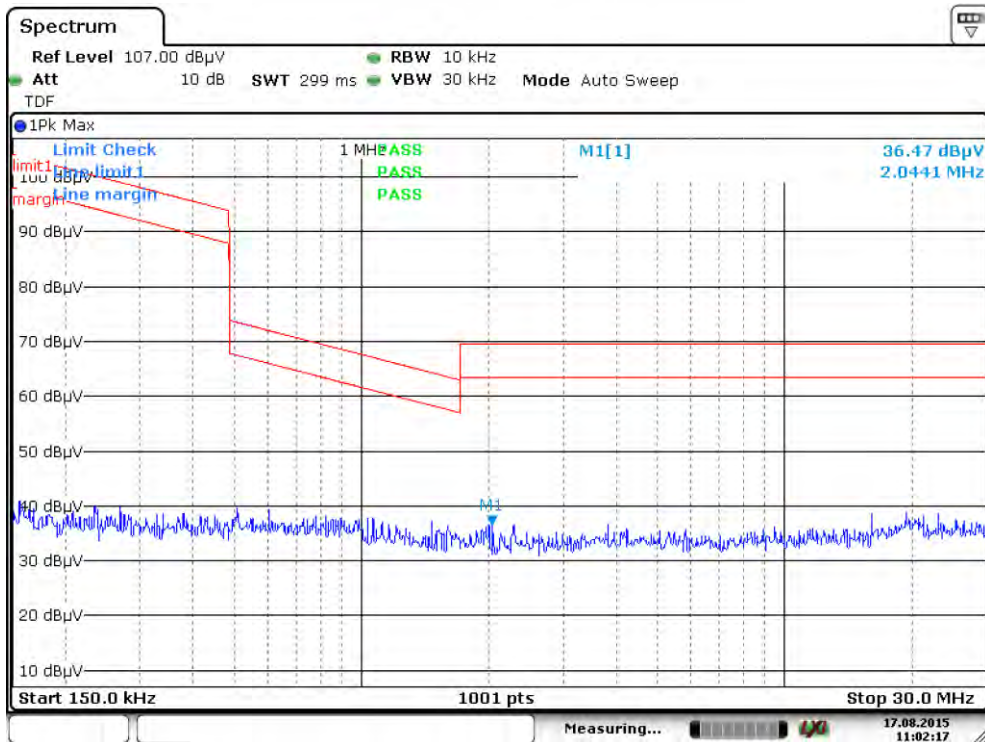
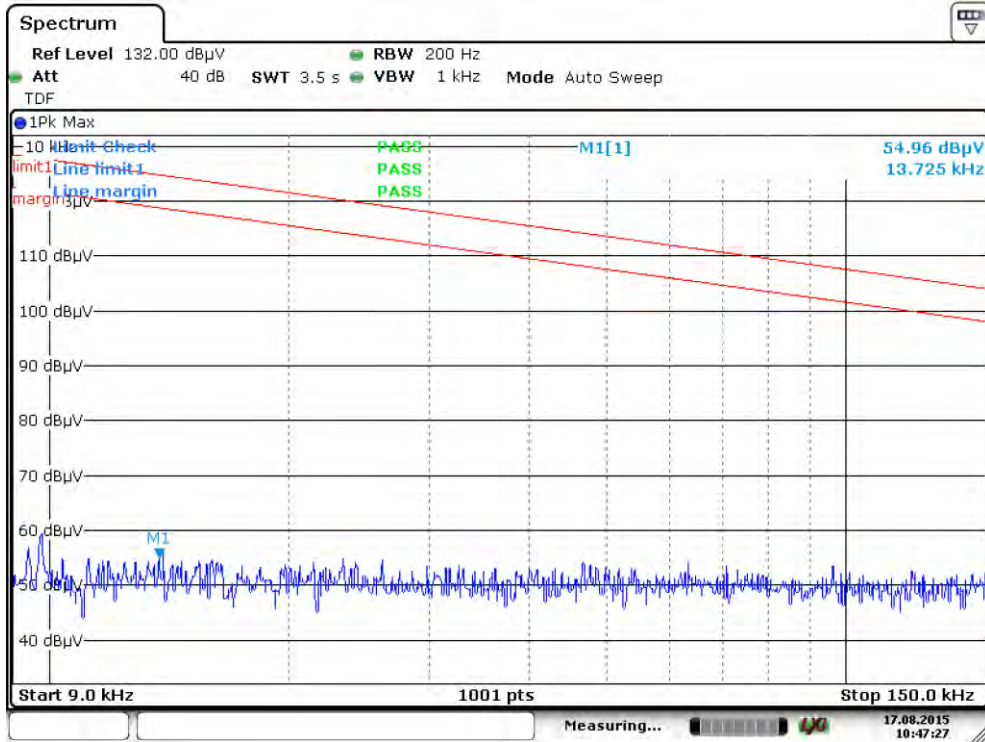
Test Plot of 5180MHz - X


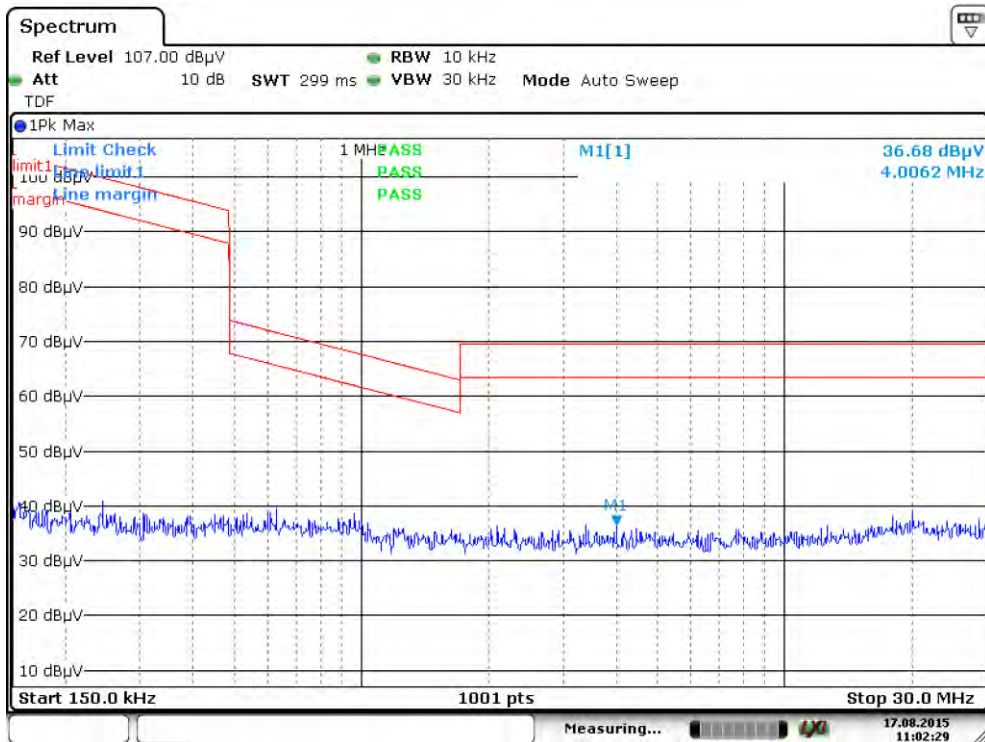
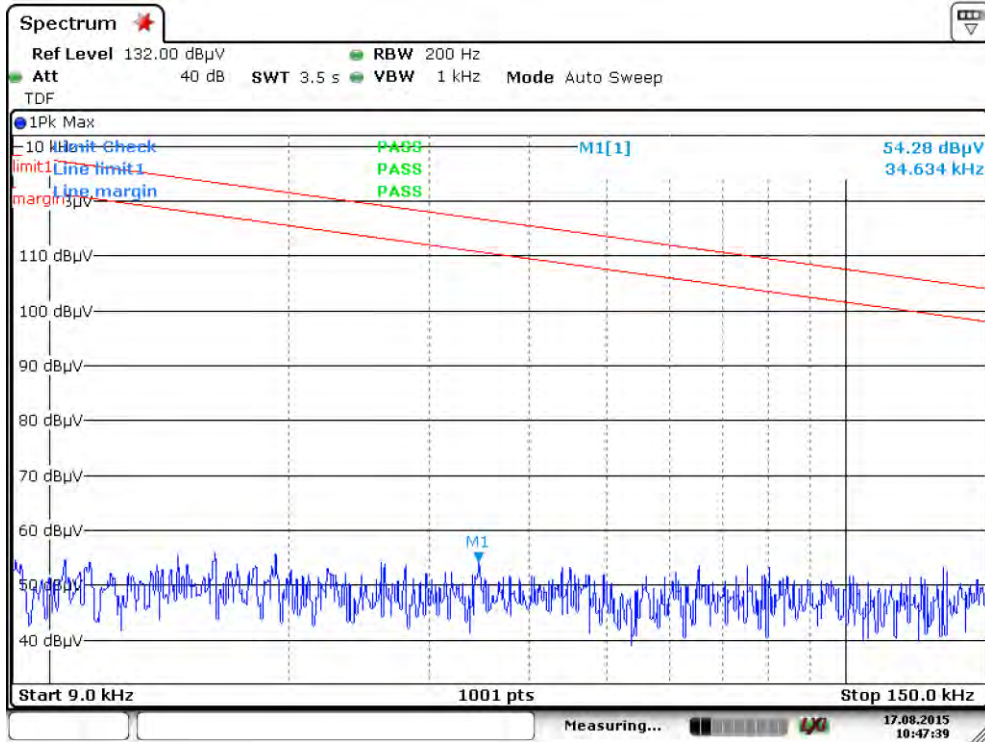
Test Plot of 5180MHz - Y


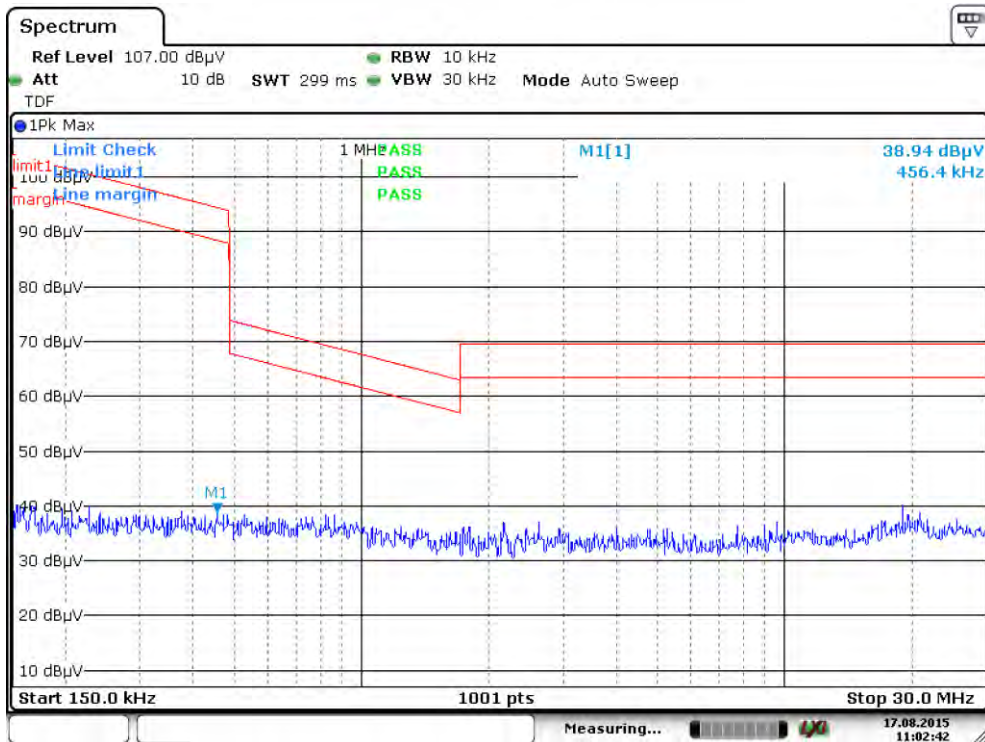
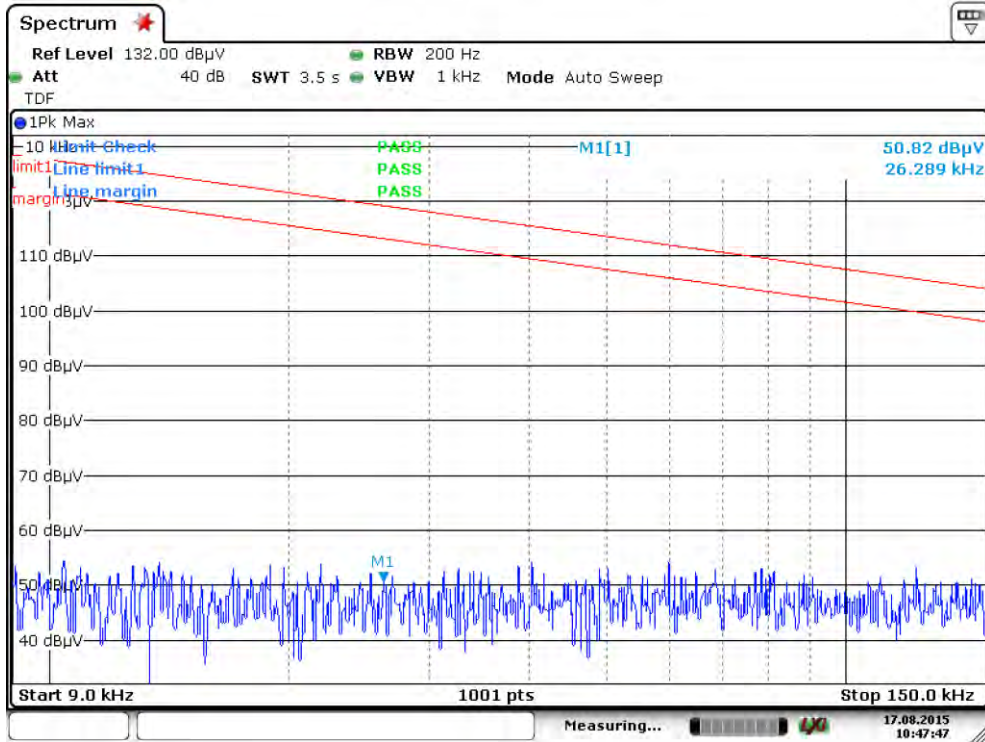
Test Plot of 5180MHz - Z


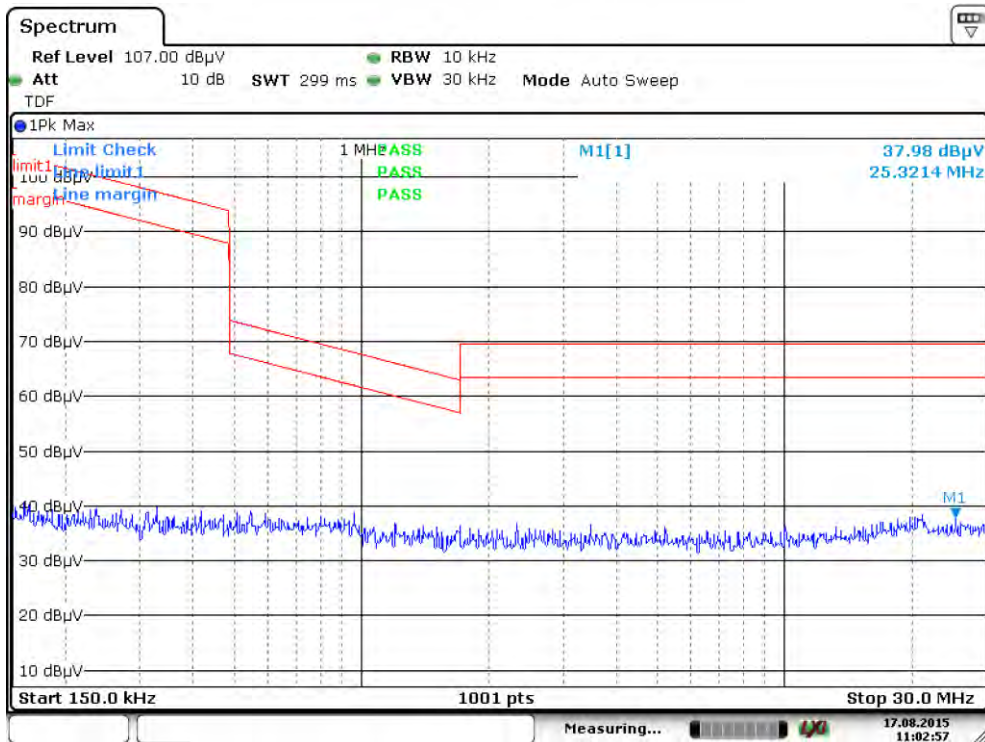
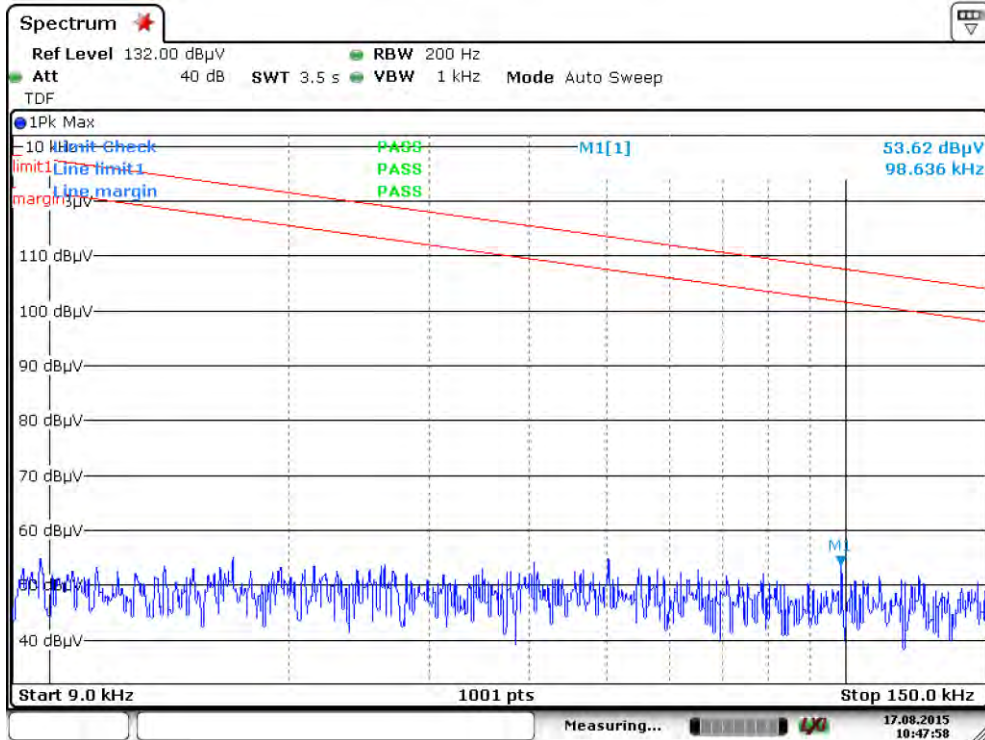
Test Plot of 5220MHz - X


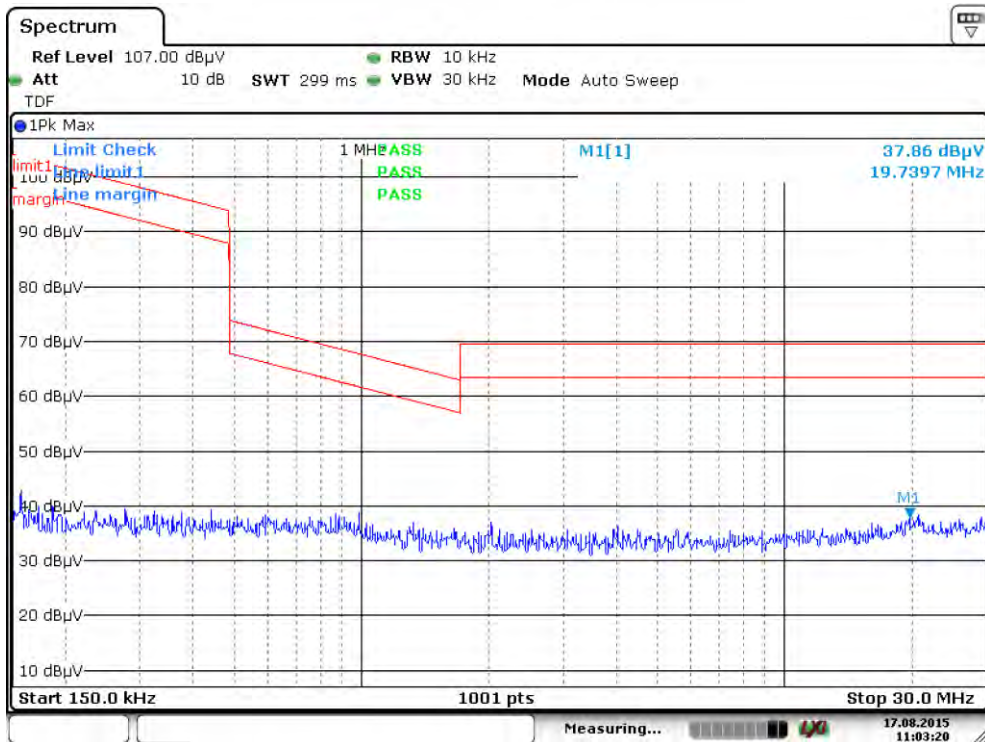
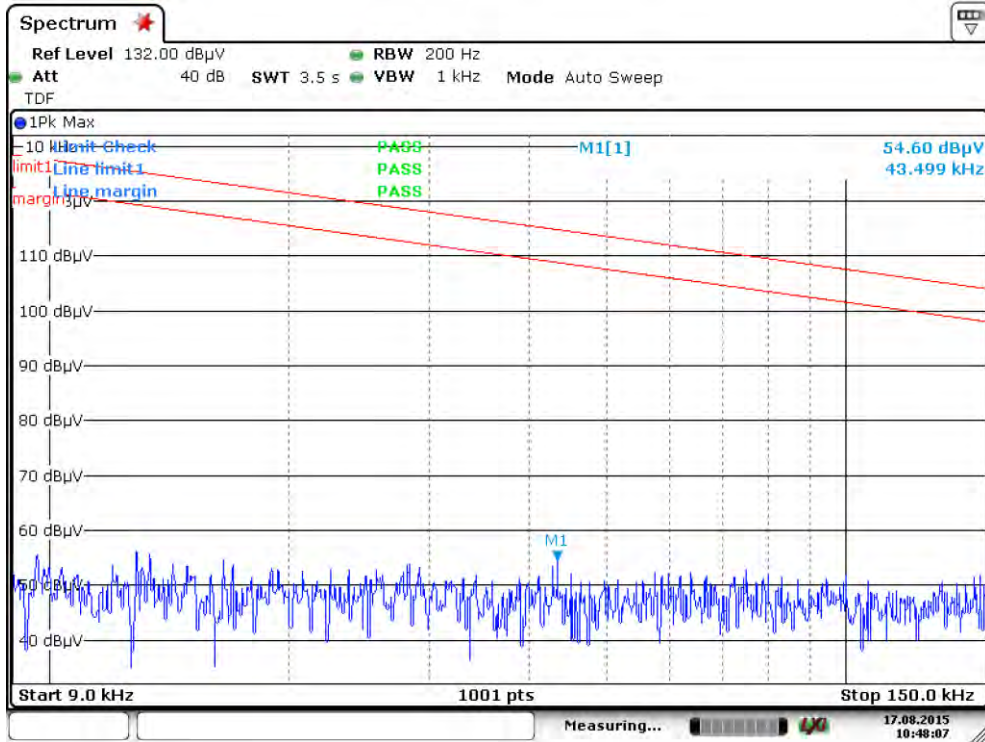
Test Plot of 5220MHz - Y


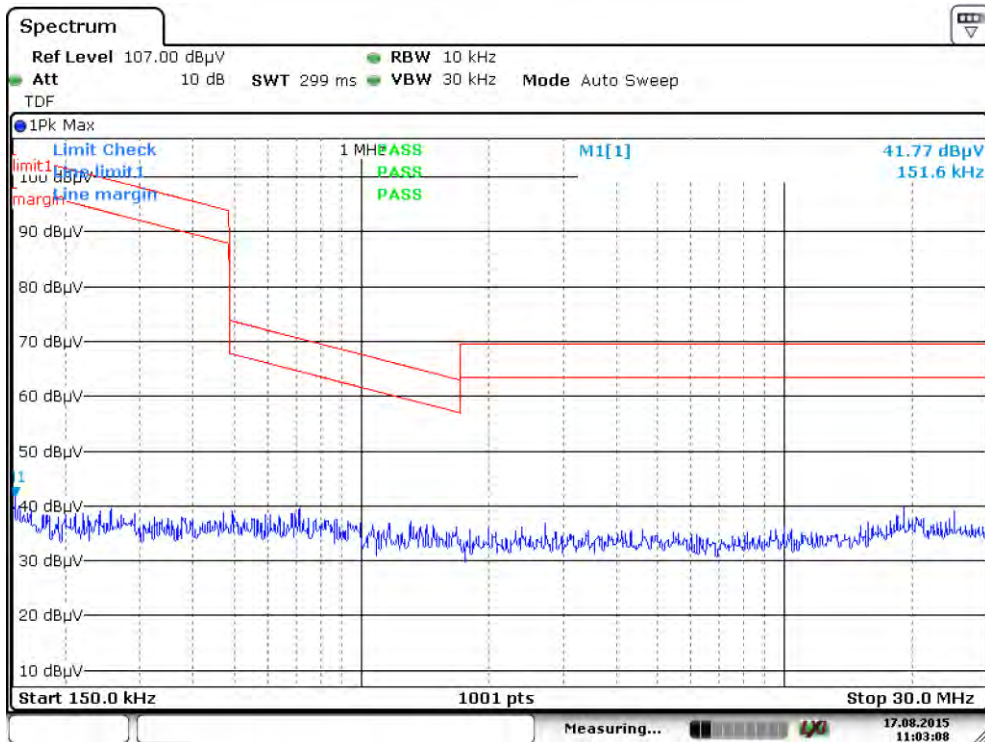
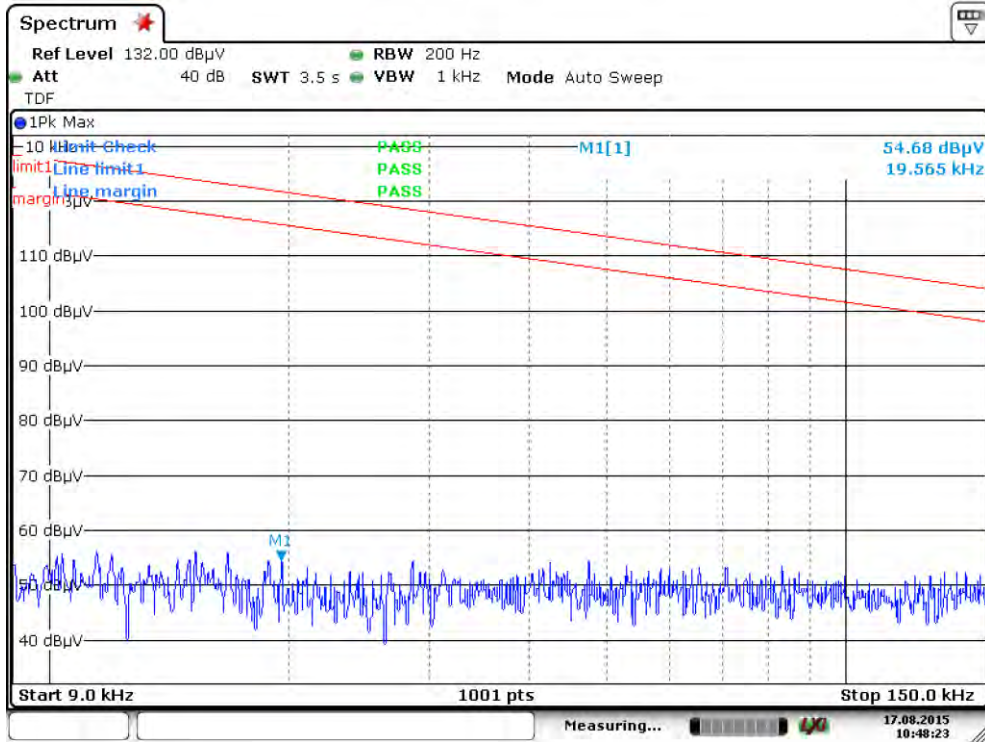
Test Plot of 5220MHz - Z


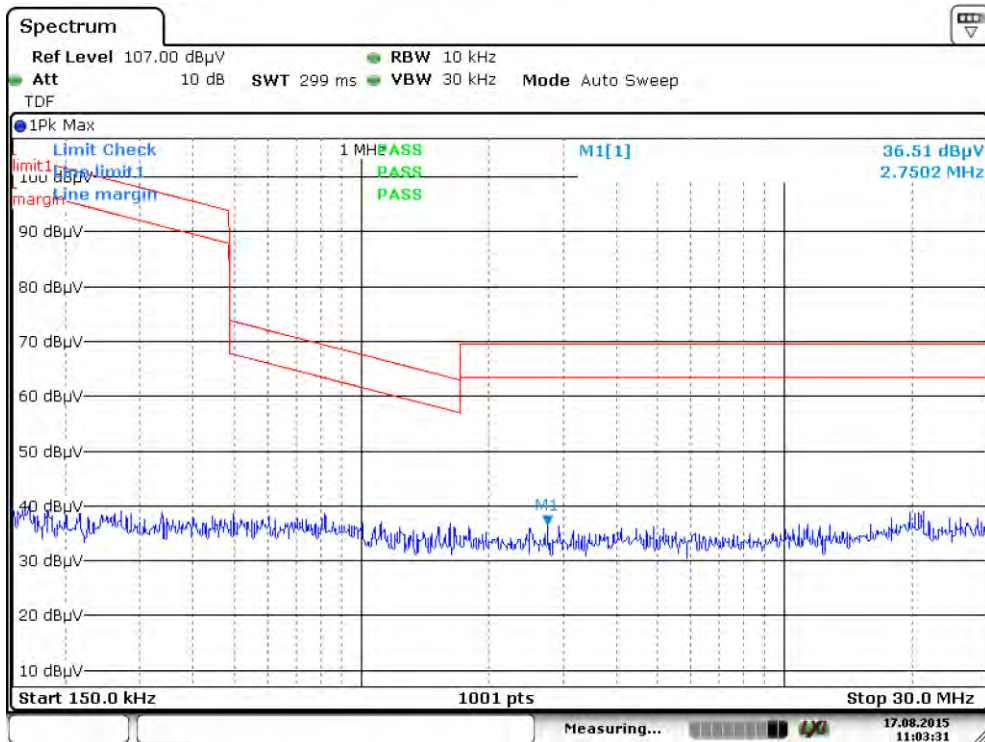
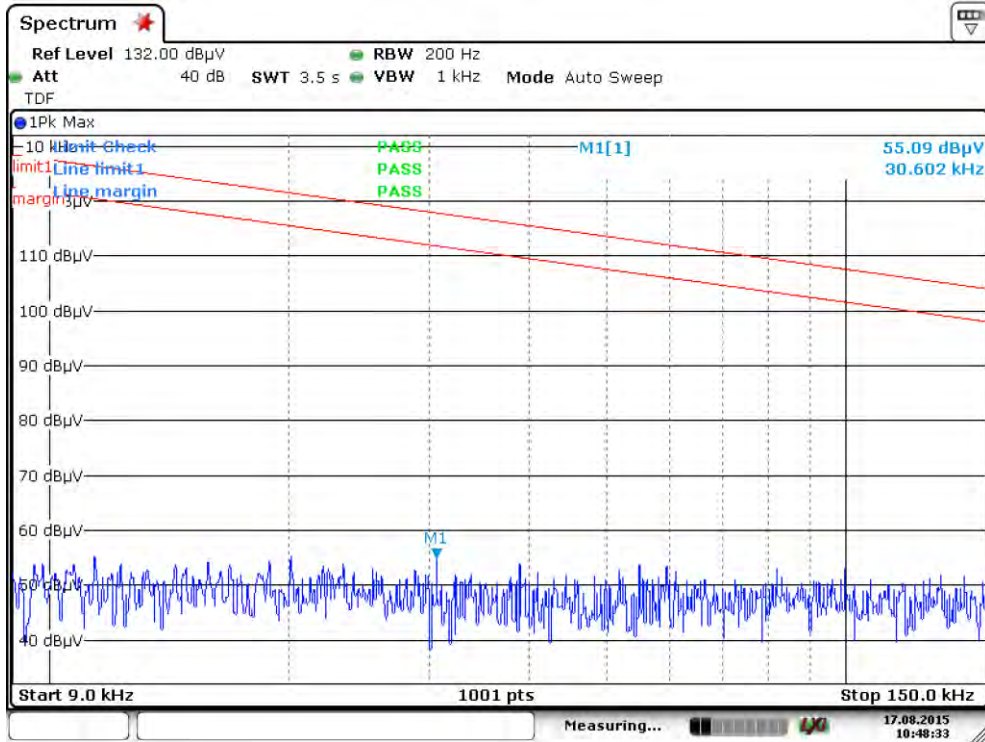
Test Plot of 5240MHz - X


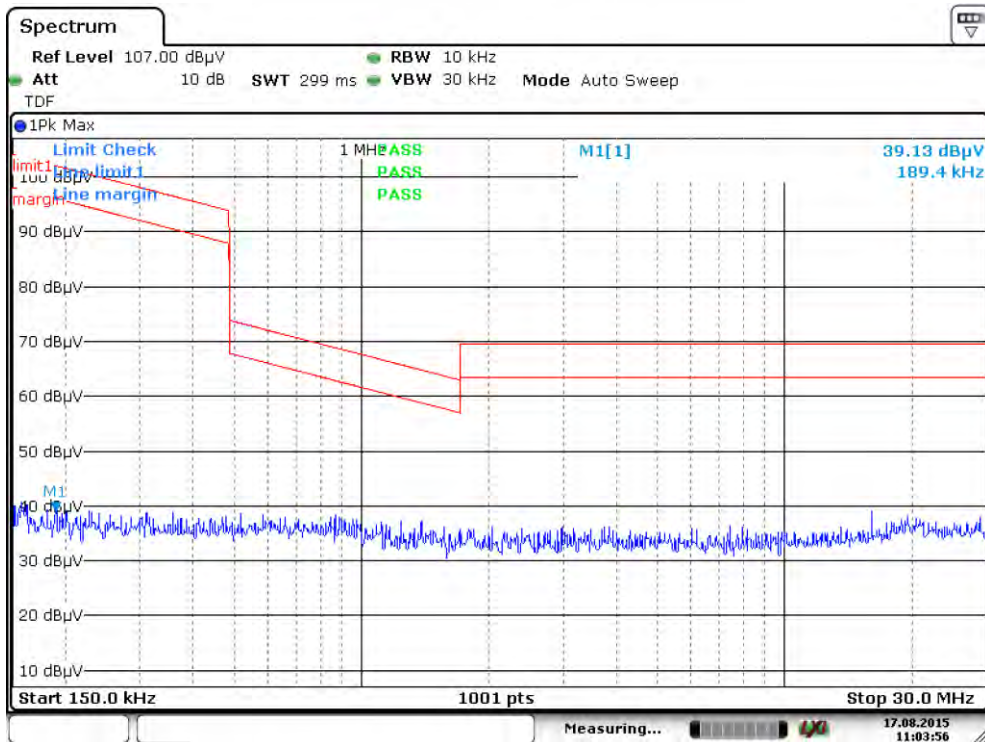
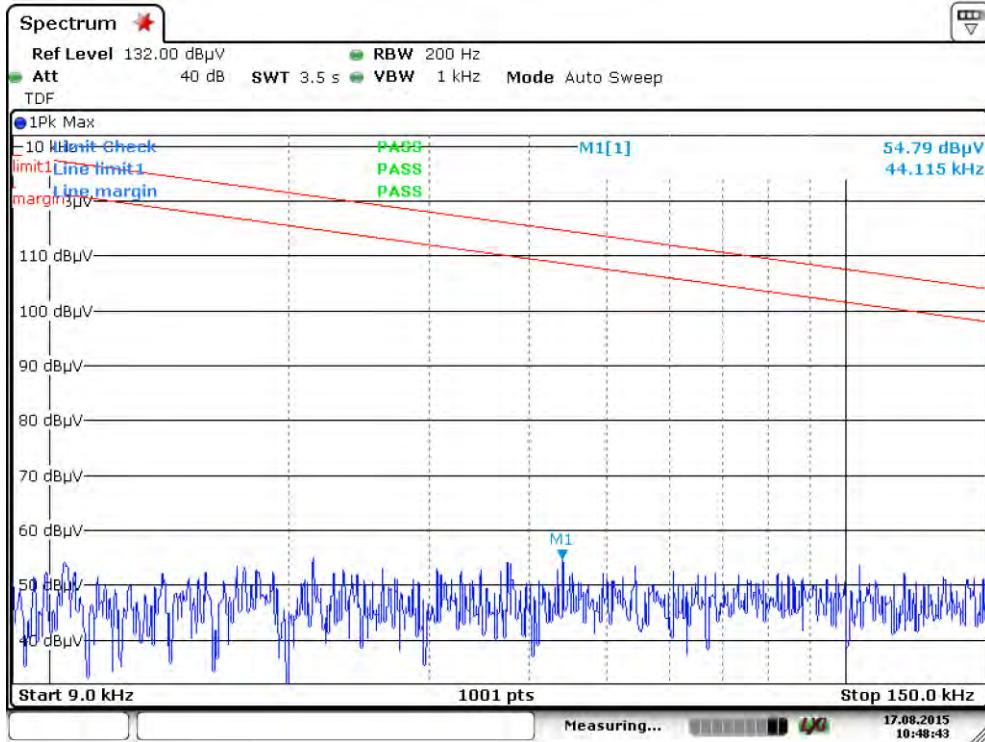
Test Plot of 5240MHz - Y


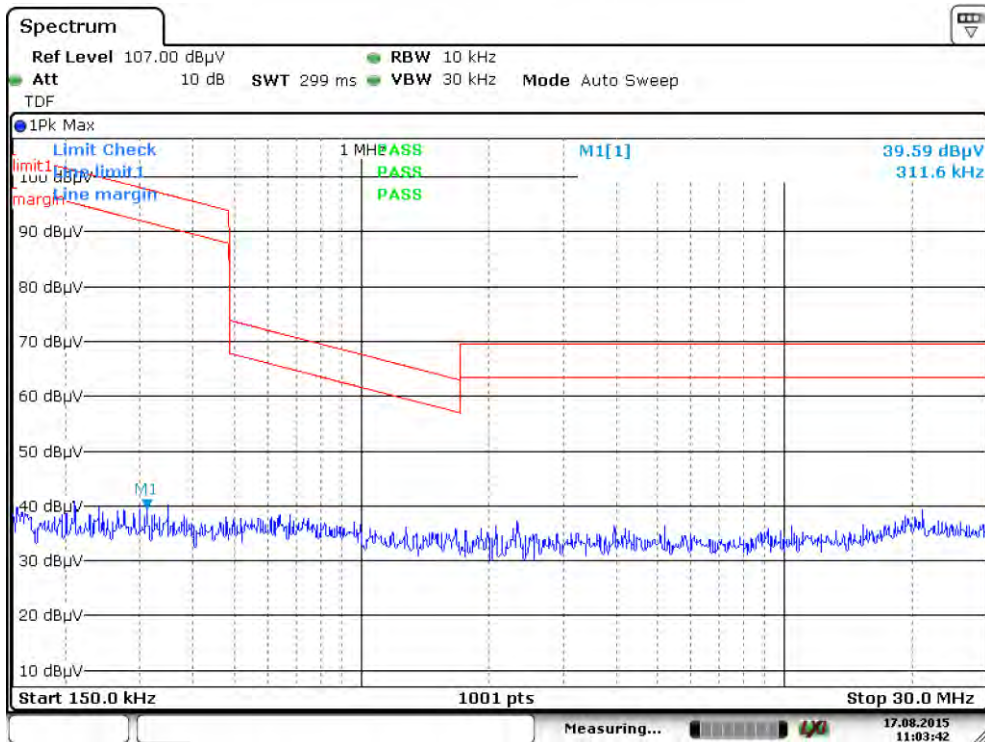
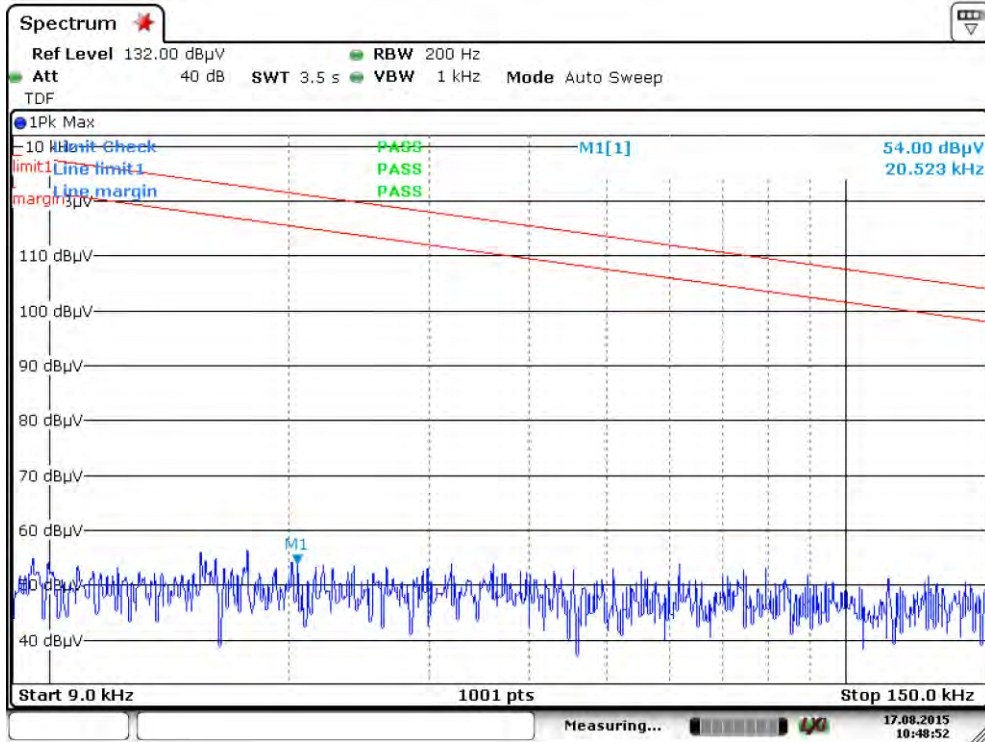
Test Plot of 5240MHz - Z


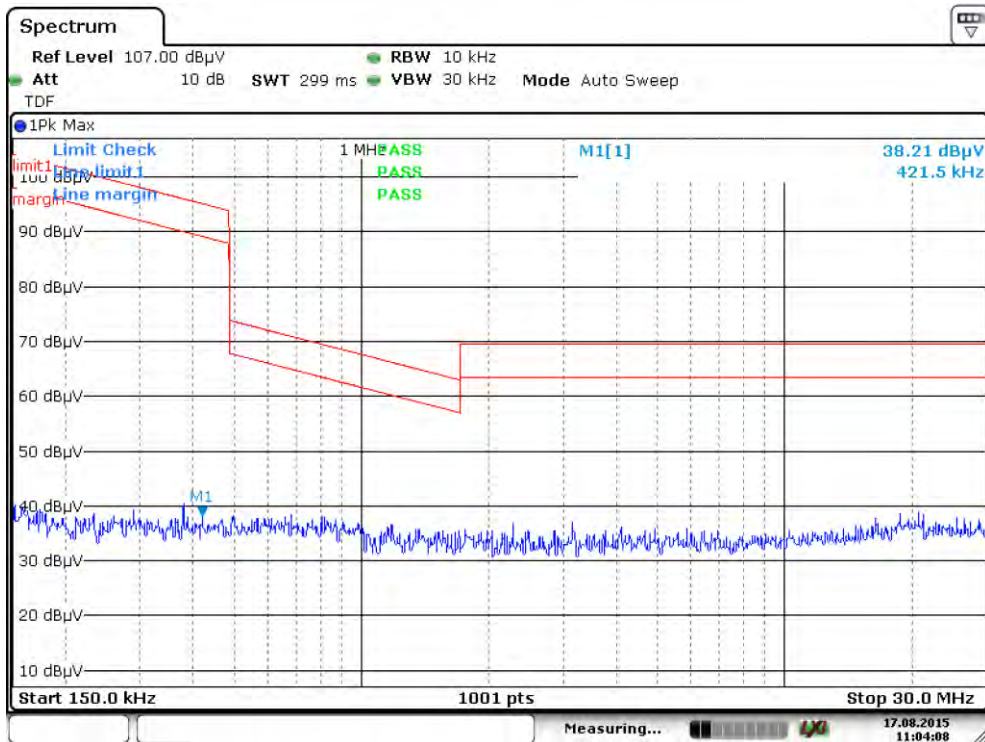
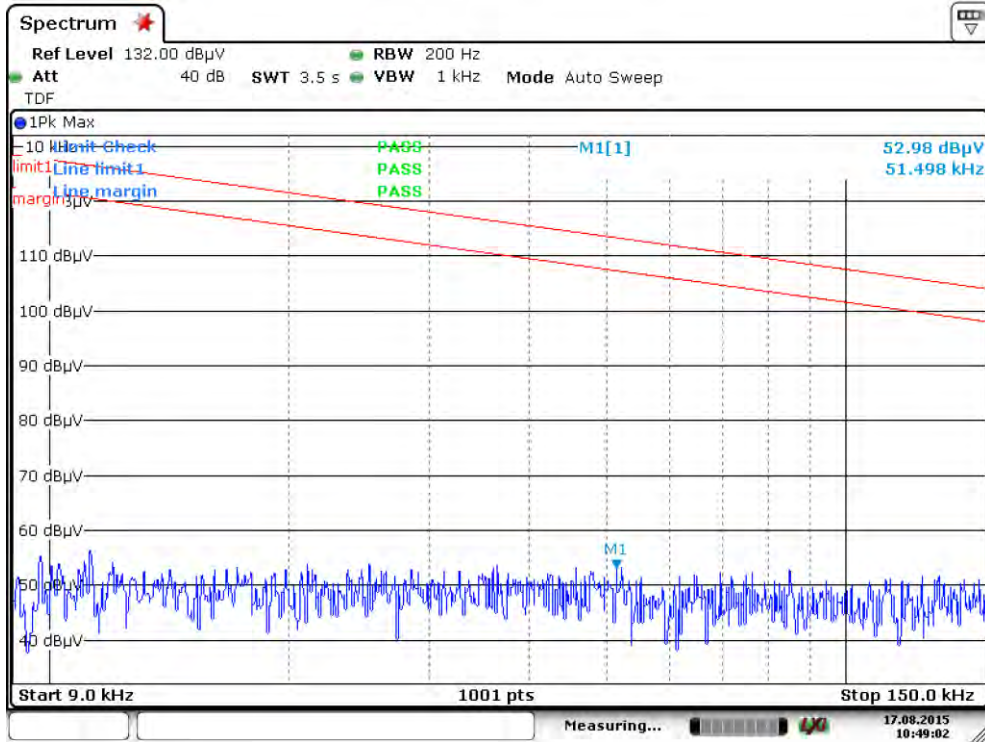
Test Plot of 5745MHz - X


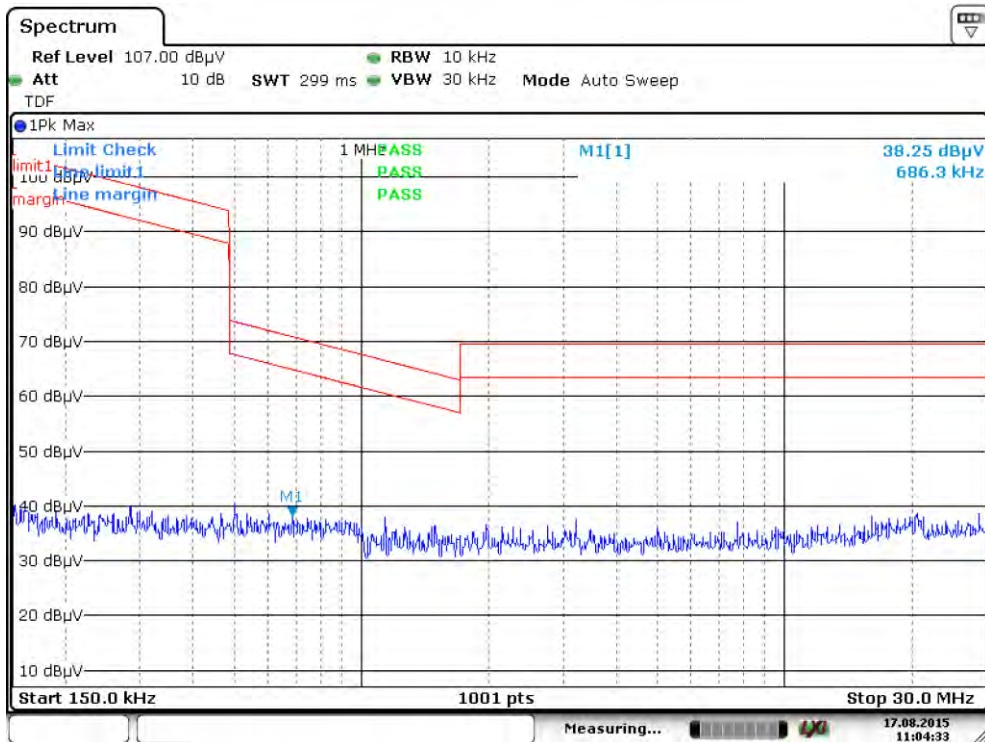
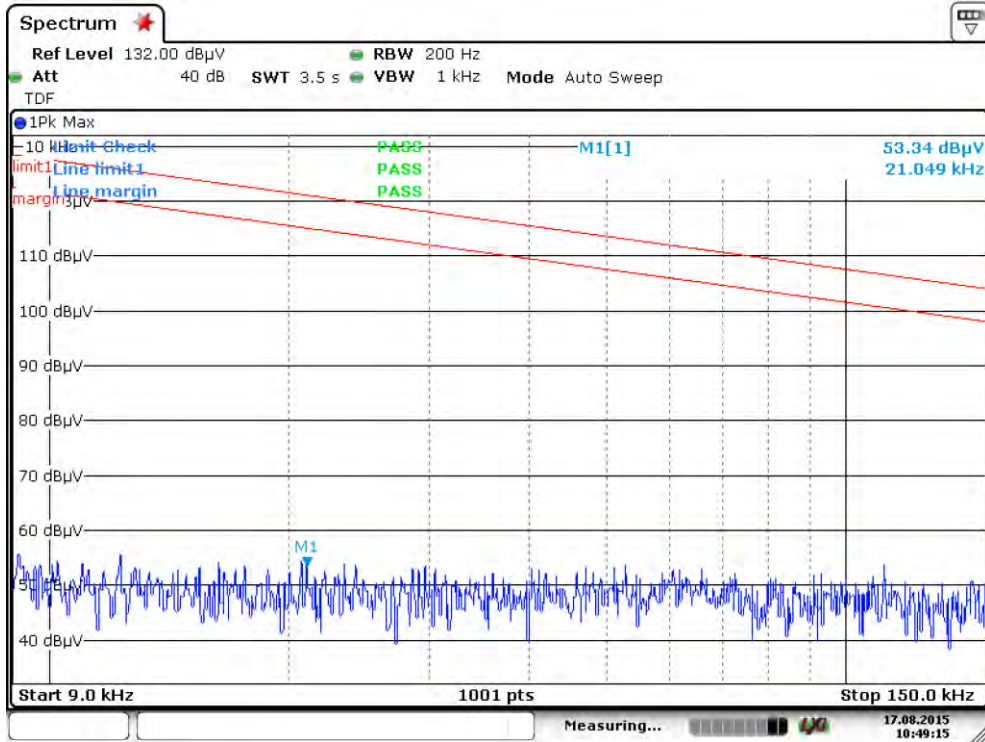
Test Plot of 5745MHz - Y


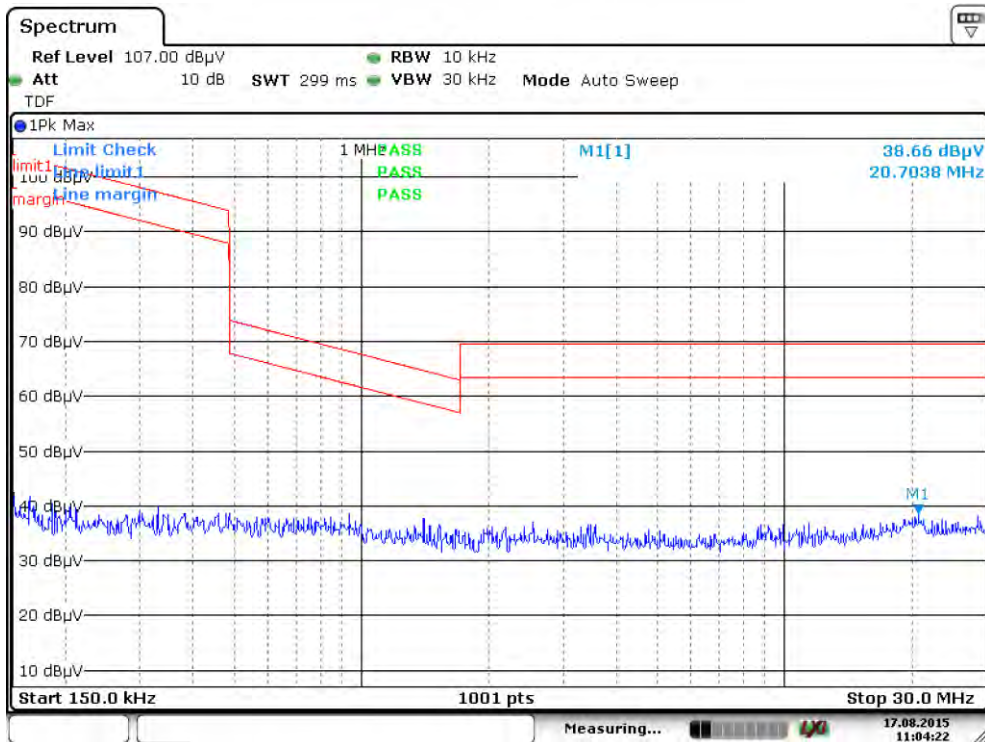
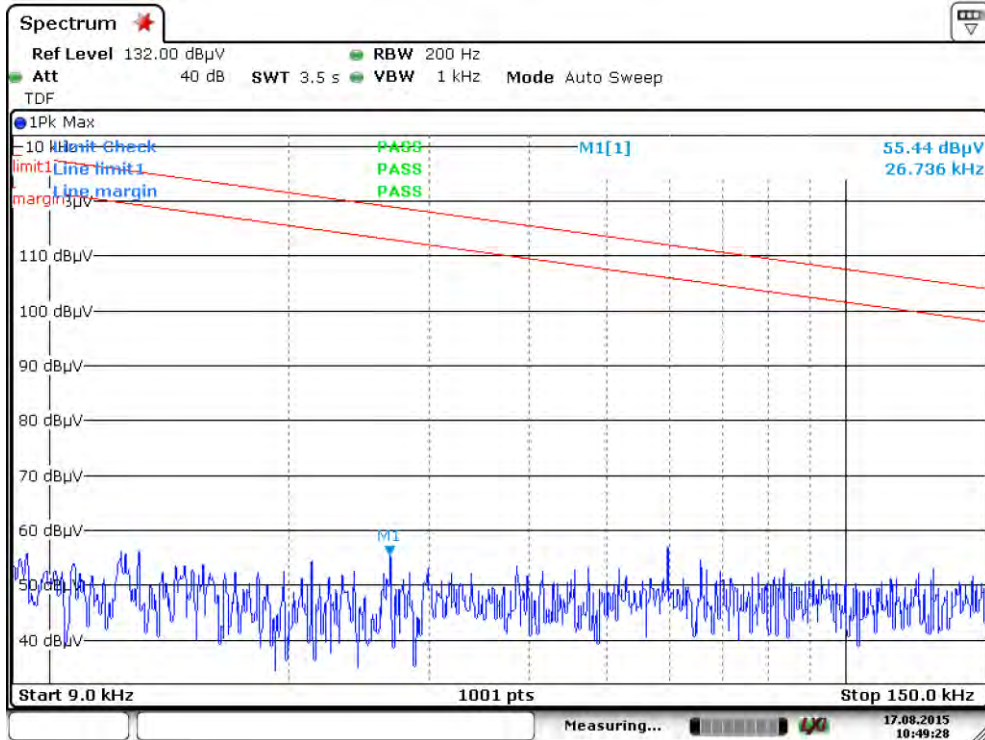
Test Plot of 5745MHz - Z


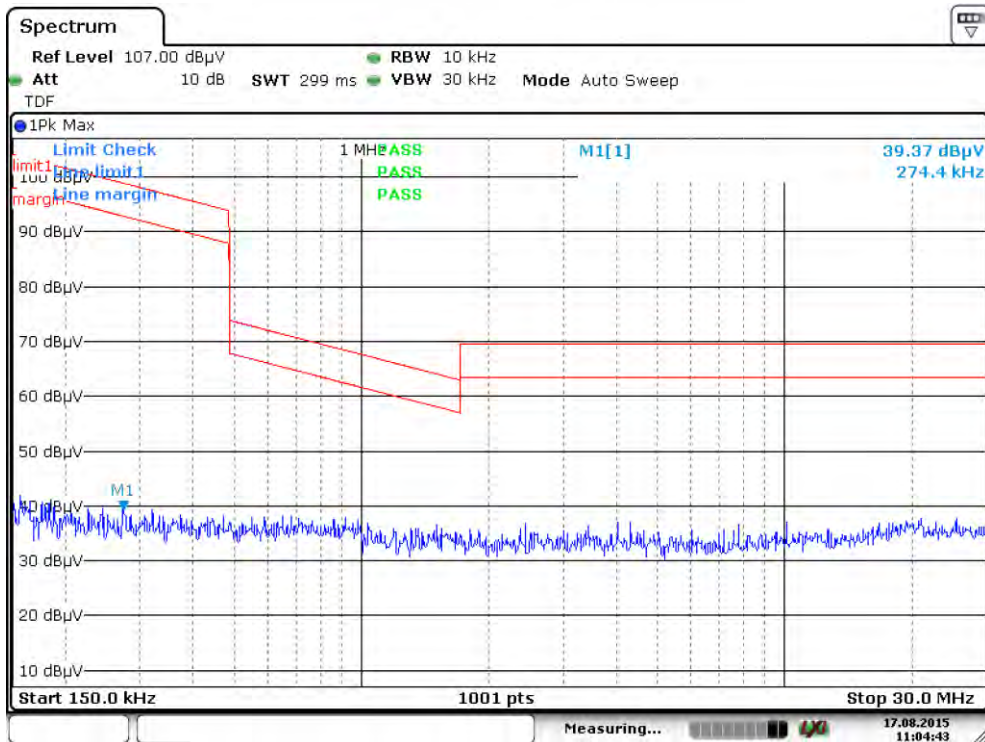
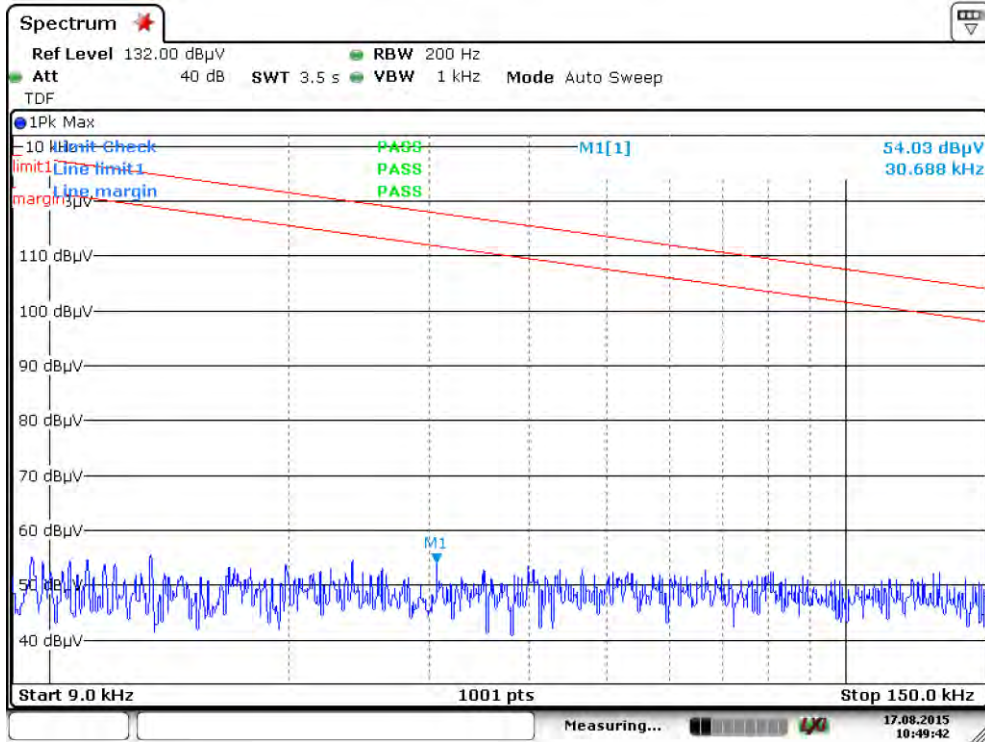
Test Plot of 5785MHz - X


Test Plot of 5785MHz - Y


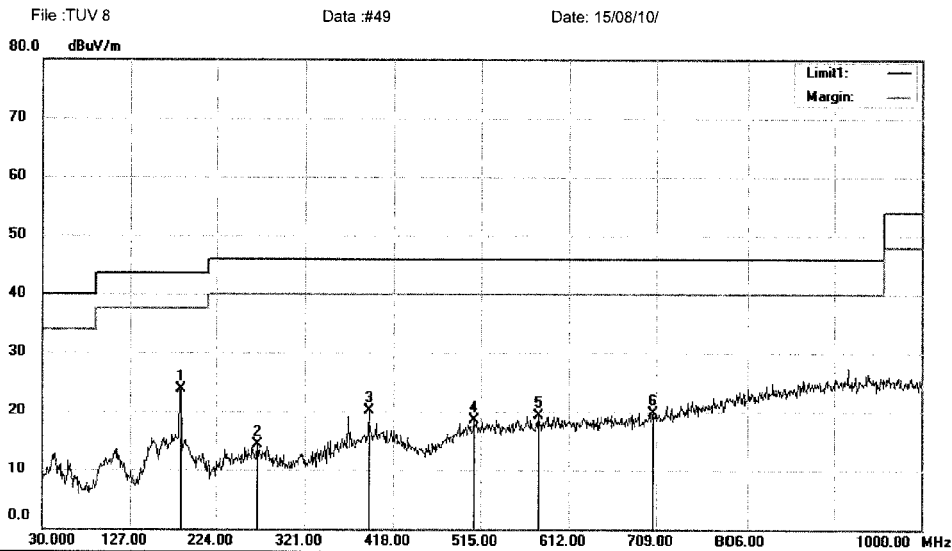
Test Plot of 5785MHz - Z


Test Plot of 5825MHz - X


Test Plot of 5825MHz - Y


Test Plot of 5825MHz - Z


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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:11A 5180
 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	Comment
1	*	184.2300	42.02	-18.25	23.77	43.50	-19.73	QP			
2		269.5900	26.92	-12.69	14.23	46.00	-31.77	QP			
3		390.8400	29.43	-9.38	20.05	46.00	-25.95	QP			
4		507.2400	26.18	-7.75	18.43	46.00	-27.57	QP			
5		579.0200	26.42	-7.16	19.26	46.00	-26.74	QP			
6		705.1200	25.54	-5.83	19.71	46.00	-26.29	QP			

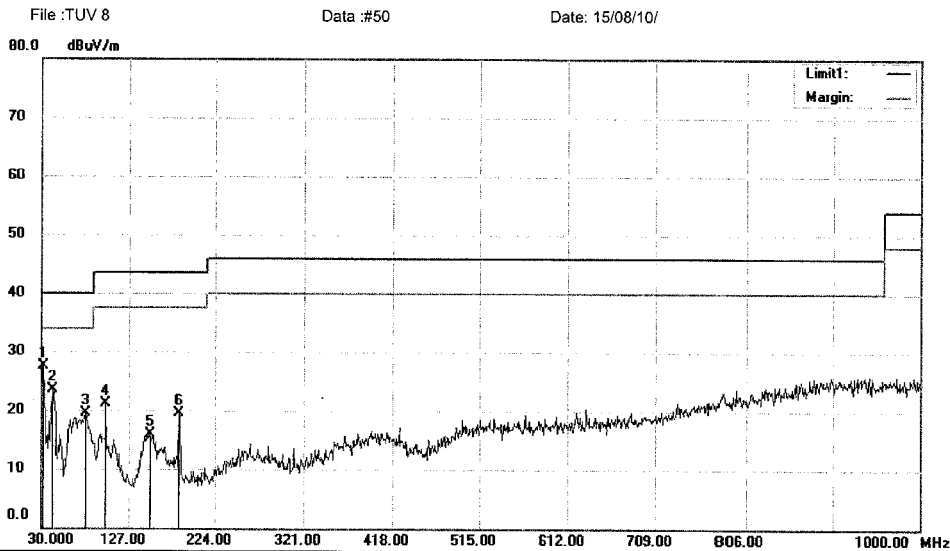
*:Maximum data x:Over limit !:over margin

Operator: XLX

File :TUV 8\Data :#49

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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:11A 5180
 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	43.37	-15.81	27.56	40.00	-12.44	QP		
2		42.6100	36.47	-13.02	23.45	40.00	-16.55	QP		
3		78.5000	38.89	-19.44	19.45	40.00	-20.55	QP		
4		100.8100	35.11	-14.02	21.09	43.50	-22.41	QP		
5		151.2500	34.01	-18.18	15.83	43.50	-27.67	QP		
6		183.2600	37.83	-18.41	19.42	43.50	-24.08	QP		

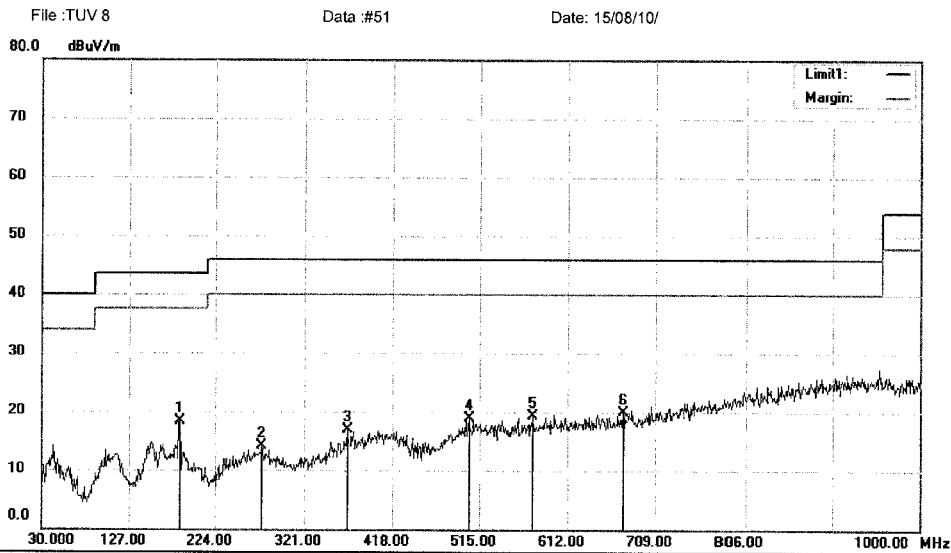
*:Maximum data x:Over limit !:over margin

Operator: XLX

File :TUV 8\Data :#50

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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:11A 5220
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1	*	184.2300	36.61	-18.25	18.36	43.50	-25.14	QP		
2		275.4100	26.66	-12.62	14.04	46.00	-31.96	QP		
3		367.5600	27.29	-10.46	16.83	46.00	-29.17	QP		
4		503.3600	26.60	-7.77	18.83	46.00	-27.17	QP		
5		574.1700	26.44	-7.20	19.24	46.00	-26.76	QP		
6		673.1100	26.18	-6.24	19.94	46.00	-26.06	QP		

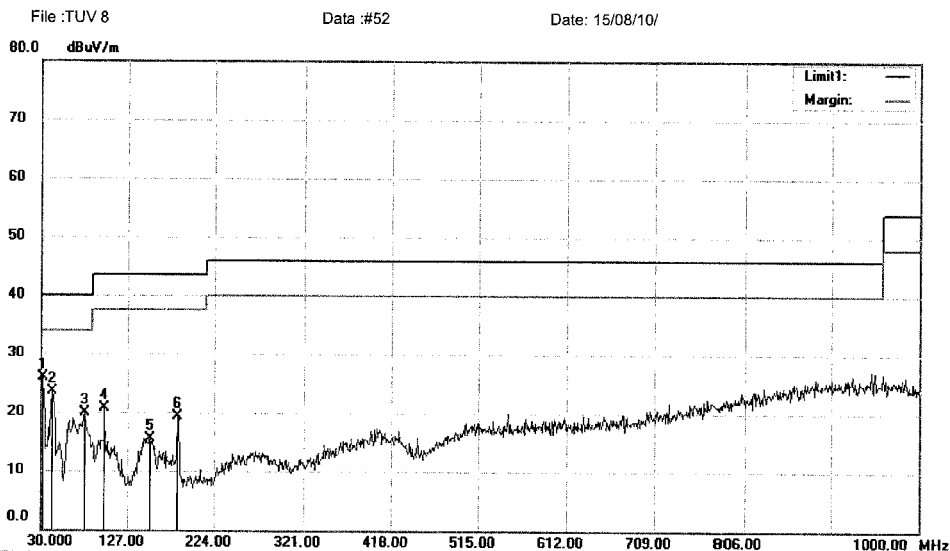
*:Maximum data x:Over limit !:over margin

Operator: XLX

File :TUV 8\Data :#51

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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: 11A 5220
 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	Comment
1	*	31.9400	41.62	-15.81	25.81	40.00	-14.19	QP			
2		42.6100	36.58	-13.02	23.56	40.00	-16.44	QP			
3		78.5000	39.28	-19.44	19.84	40.00	-20.16	QP			
4		100.8100	34.75	-14.02	20.73	43.50	-22.77	QP			
5		152.2200	33.74	-18.24	15.50	43.50	-28.00	QP			
6		183.2600	37.77	-18.41	19.36	43.50	-24.14	QP			

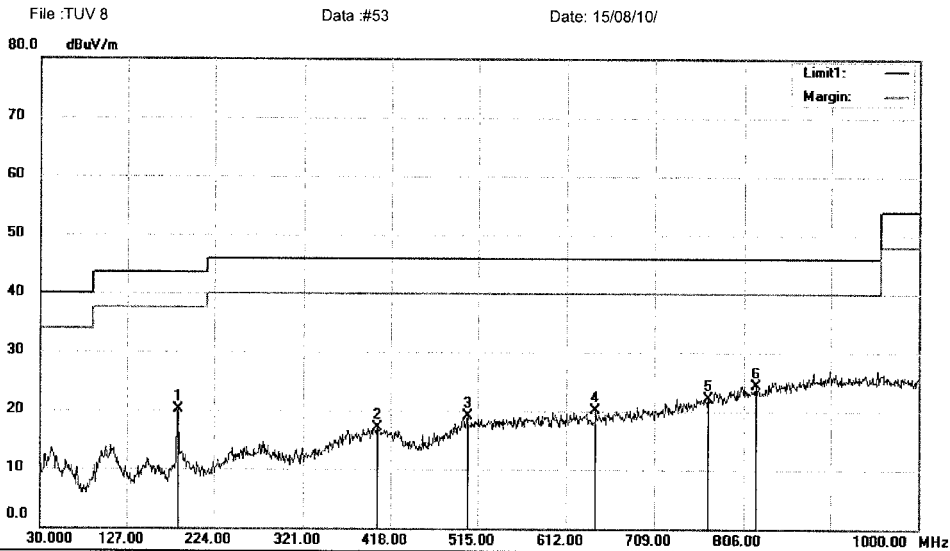
*:Maximum data x:Over limit !:over margin

Operator: XLX

File :TUV 8\Data :#52

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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:11A 5240
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		184.2300	38.40	-18.25	20.15	43.50	-23.35	QP		
2		403.4500	26.13	-8.96	17.17	46.00	-28.83	QP		
3		503.3600	26.90	-7.77	19.13	46.00	-26.87	QP		
4		644.0100	26.65	-6.55	20.10	46.00	-25.90	QP		
5		769.1400	25.92	-3.82	22.10	46.00	-23.90	QP		
6	*	819.5800	26.82	-2.44	24.38	46.00	-21.62	QP		

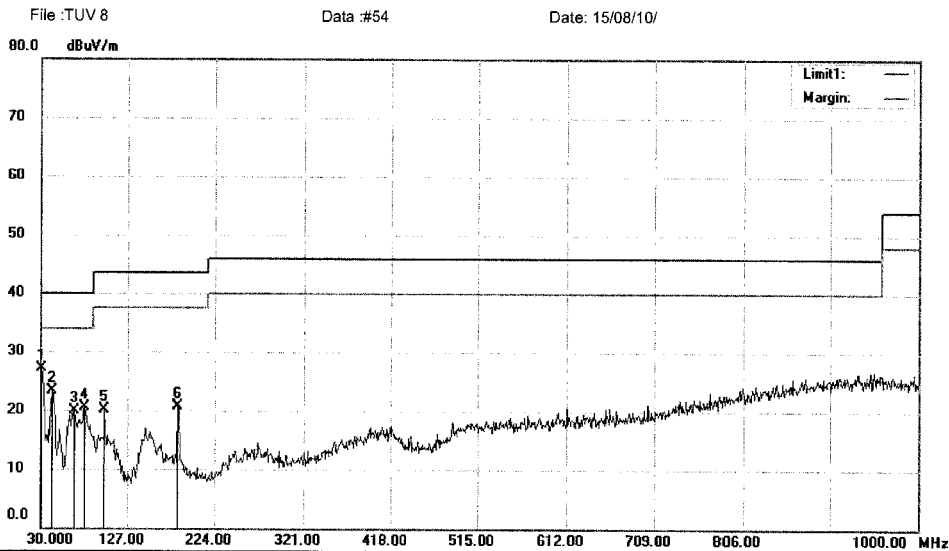
*:Maximum data x:Over limit !:over margin

Operator: XLX

File :TUV 8\Data :#53

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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: 11A 5240
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	30.9700	43.24	-16.13	27.11	40.00	-12.89	QP		
2		42.6100	36.39	-13.02	23.37	40.00	-16.63	QP		
3		66.8600	37.55	-17.58	19.97	40.00	-20.03	QP		
4		78.5000	40.03	-19.44	20.59	40.00	-19.41	QP		
5		100.8100	34.21	-14.02	20.19	43.50	-23.31	QP		
6		183.2600	39.20	-18.41	20.79	43.50	-22.71	QP		

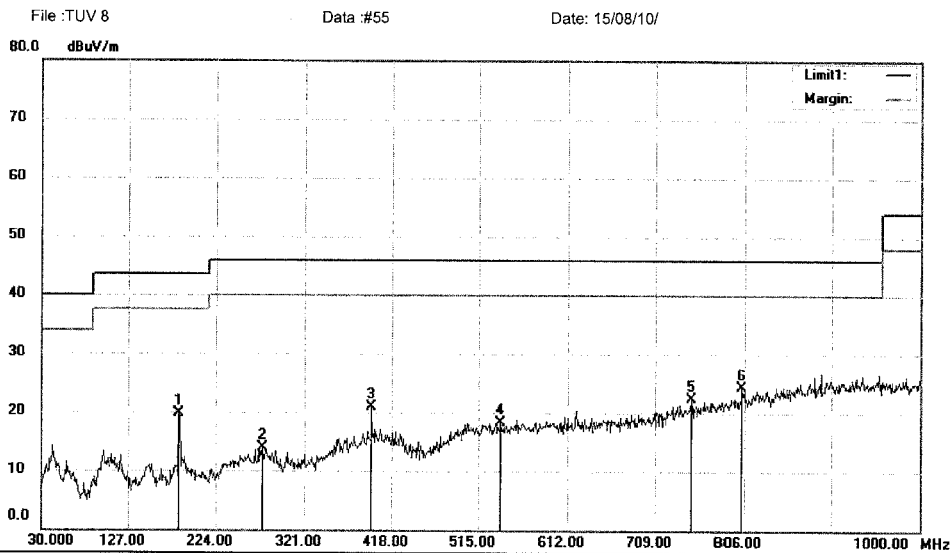
*:Maximum data x:Over limit !:over margin

Operator: XLX

File :TUV 8\Data :#54

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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:11A 5745
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		183.2600	38.19	-18.41	19.78	43.50	-23.72	QP		
2		274.4400	26.53	-12.63	13.90	46.00	-32.10	QP		
3		395.6900	30.08	-9.11	20.97	46.00	-25.03	QP		
4		539.2500	25.73	-7.48	18.25	46.00	-27.75	QP		
5		749.7400	26.83	-4.44	22.39	46.00	-23.61	QP		
6	*	803.0900	27.14	-2.80	24.34	46.00	-21.66	QP		

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

Operator: XLX

File :TUV 8\Data :#55

Page: 1

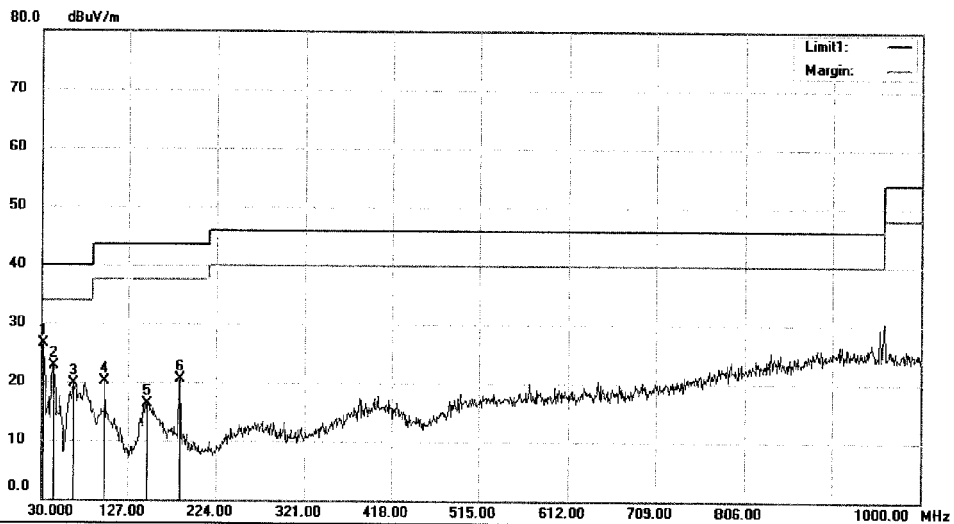
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Radiated Emission Measurement

File :TUV 8

Data :#56

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:11A 5745

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	31.9400	42.31	-15.81	26.50	40.00	-13.50	QP		
2		43.5800	35.82	-13.13	22.69	40.00	-17.31	QP		
3		64.9200	36.77	-16.99	19.78	40.00	-20.22	QP		
4		100.8100	34.13	-14.02	20.11	43.50	-23.39	QP		
5		148.3400	34.34	-18.04	16.30	43.50	-27.20	QP		
6		184.2300	38.75	-18.25	20.50	43.50	-23.00	QP		

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

Operator: XLX

File :TUV 8\Data :#56

Page: 1

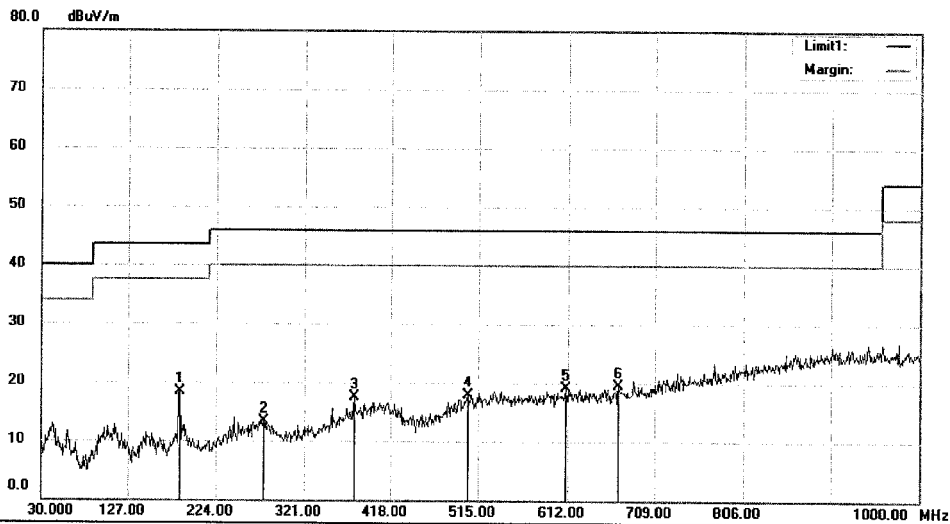
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Radiated Emission Measurement

File :TUV 8

Data :#57

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: 11A 5785

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	Comment
1	*	184.2300	36.60	-18.25	18.35	43.50	-25.15	QP			
2		276.3800	25.91	-12.61	13.30	46.00	-32.70	QP			
3		377.2600	27.66	-10.10	17.56	46.00	-28.44	QP			
4		503.3600	25.58	-7.77	17.81	46.00	-28.19	QP			
5		610.0600	25.97	-6.89	19.08	46.00	-26.92	QP			
6		668.2600	25.72	-6.30	19.42	46.00	-26.58	QP			

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

Operator: XLX

File :TUV 8\Data :#57

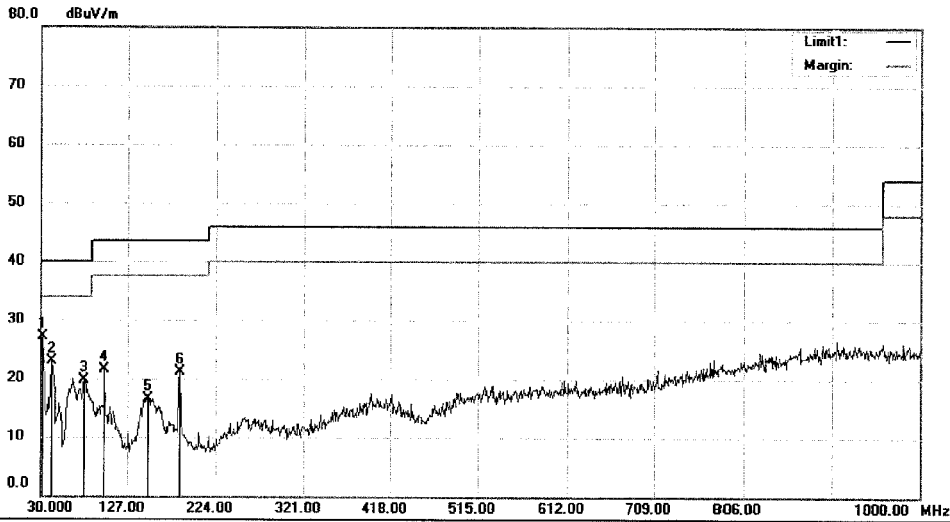
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Radiated Emission Measurement

File :TUV 8 Data #58 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: 11A 5785
Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree	Detector	Comment
1	*	31.9400	42.86	-15.81	27.05	40.00	-12.95			QP	
2		42.6100	36.02	-13.02	23.00	40.00	-17.00			QP	
3		78.5000	39.10	-19.44	19.66	40.00	-20.34			QP	
4		100.8100	35.50	-14.02	21.48	43.50	-22.02			QP	
5		149.3100	34.62	-18.08	16.54	43.50	-26.96			QP	
6		184.2300	39.45	-18.25	21.20	43.50	-22.30			QP	

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

Operator: XLX

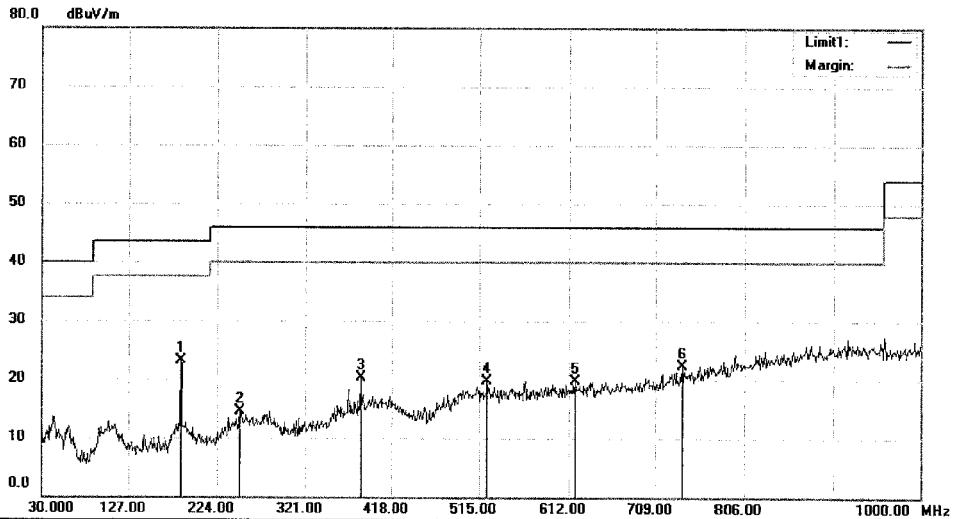
File :TUV 8\Data :#58

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Radiated Emission Measurement

File :TUV 8 Data :#59 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:11A 5825
 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	41.38	-18.25	23.13	43.50	-20.37	QP		
2		249.2200	27.88	-13.36	14.52	46.00	-31.48	QP		
3		383.0800	30.08	-9.83	20.25	46.00	-25.75	QP		
4		523.7300	27.23	-7.61	19.62	46.00	-26.38	QP		
5		618.7900	26.49	-6.80	19.69	46.00	-26.31	QP		
6		739.0700	27.05	-4.76	22.29	46.00	-23.71	QP		

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

Operator: XLX

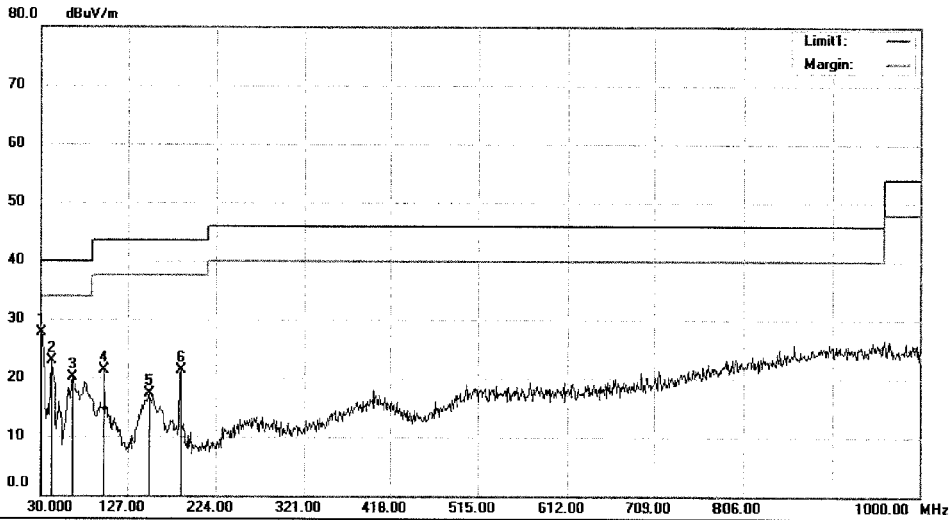
File :TUV 8\Data :#59

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Radiated Emission Measurement

File :TUV 8 Data :#60 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: 11A 5825
 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	43.90	-16.13	27.77	40.00	-12.23	QP		
2		42.6100	35.99	-13.02	22.97	40.00	-17.03	QP		
3		64.9200	37.02	-16.99	20.03	40.00	-19.97	QP		
4		100.8100	35.31	-14.02	21.29	43.50	-22.21	QP		
5		150.2800	35.37	-18.12	17.25	43.50	-26.25	QP		
6		185.2000	39.41	-18.09	21.32	43.50	-22.18	QP		

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

Operator: XLX

File :TUV 8\Data :#60

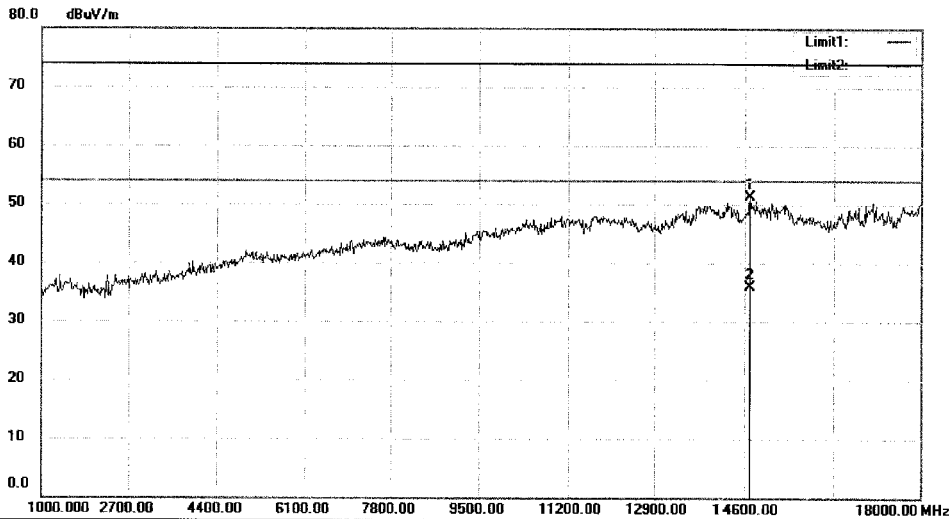
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Radiated Emission Measurement

File :TUV 8 Data #180 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:11A 5180
Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		14702.00	57.71	-6.39	51.32	74.00	-22.68	peak		
2	*	14702.00	42.37	-6.39	35.98	54.00	-18.02	AVG		

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

Operator: KK

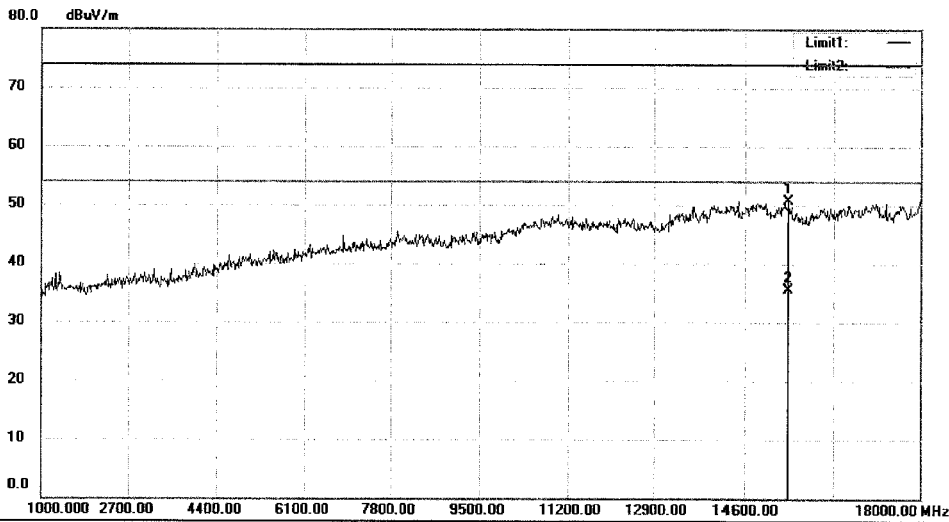
File :TUV 8\Data :#180

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Radiated Emission Measurement

File :TUV 8 Data #179 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: 11A 5180
 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		15433.00	58.04	-7.25	50.79	74.00	-23.21	peak		
2	*	15433.00	42.73	-7.25	35.48	54.00	-18.52	AVG		

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

Operator: KK

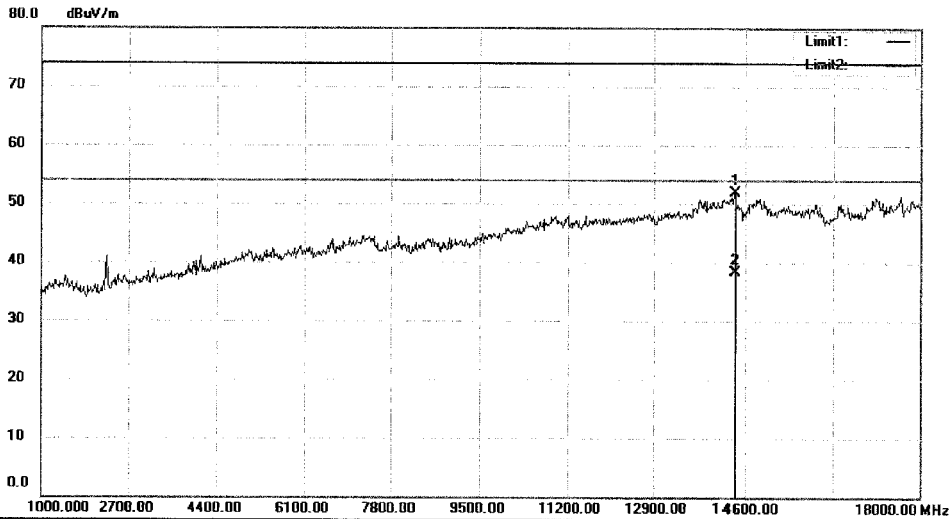
File :TUV 8\Data :#179

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Radiated Emission Measurement

File :TUV 8 Data #182 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: 11A 5220
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		14396.00	57.81	-5.92	51.89	74.00	-22.11	peak		
2	*	14396.00	44.17	-5.92	38.25	54.00	-15.75	AVG		

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

Operator: KK

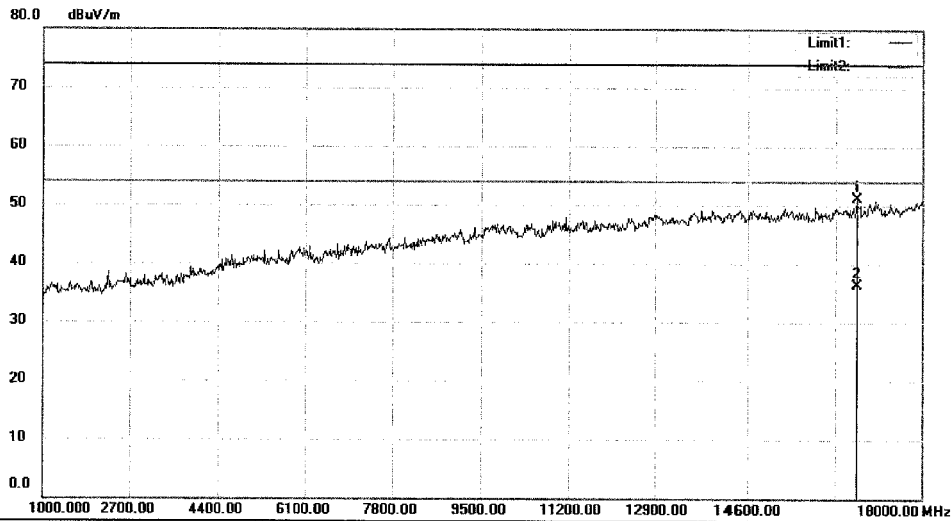
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Radiated Emission Measurement

File :TUV 8 Data :#181 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: 11A 5220
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		16708.00	56.93	-5.78	51.15	74.00	-22.85	peak		
2	*	16708.00	42.16	-5.78	36.38	54.00	-17.62	AVG		

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

Operator: KK

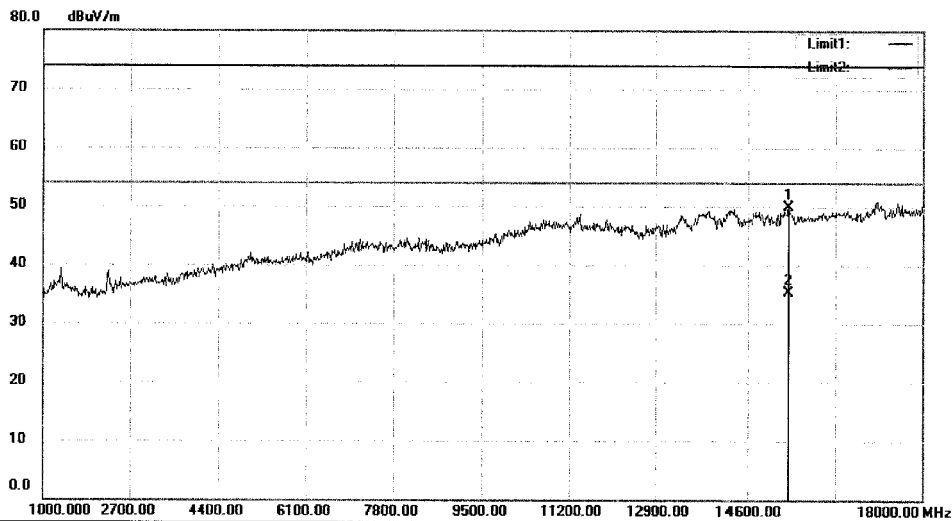
File :TUV 8\Data :#181

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Radiated Emission Measurement

File :TUV 8 Data #184 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:11A 5240
 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	Comment
1		15382.00	57.11	-7.19	49.92	74.00	-24.08	peak			
2	*	15382.00	42.47	-7.19	35.28	54.00	-18.72	AVG			

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

Operator: KK

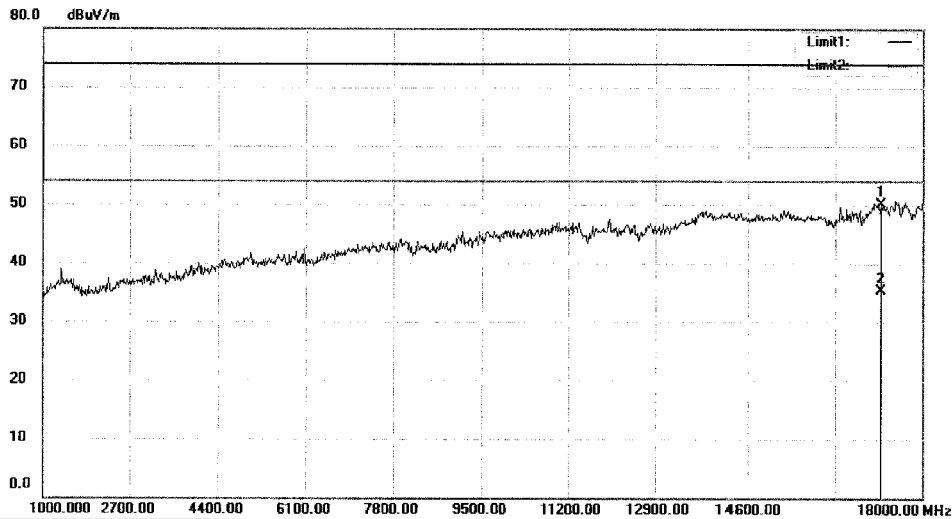
File :TUV 8\Data #184

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Radiated Emission Measurement

File :TUV 8 Data #183 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:11A 5240
 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	Comment
1		17184.00	53.64	-3.51	50.13	74.00	-23.87	peak			
2	*	17184.00	38.79	-3.51	35.28	54.00	-18.72	AVG			

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

Operator: KK

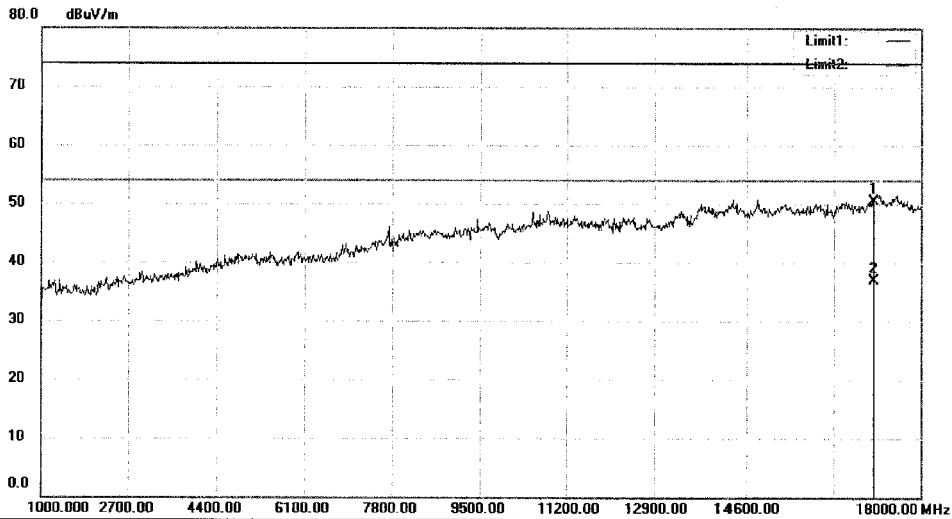
File :TUV 8\Data #183

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Radiated Emission Measurement

File :TUV 8 Data #186 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:11A 5745
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		17082.00	54.80	-4.31	50.49	74.00	-23.51	peak		
2	*	17082.00	41.16	-4.31	36.85	54.00	-17.15	AVG		

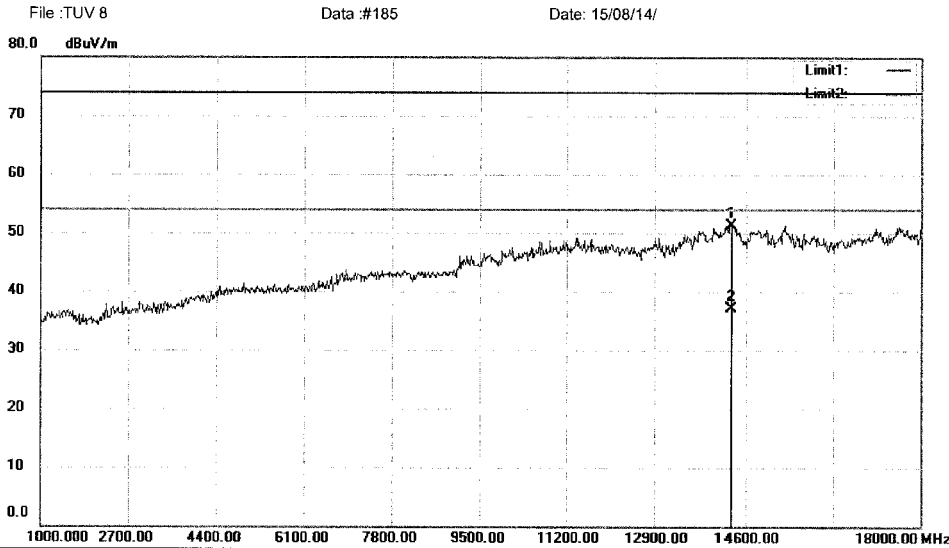
*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 8\Data #186

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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:11A 5745
 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		14311.00	57.17	-5.78	51.39	74.00	-22.61	peak		
2	*	14311.00	42.90	-5.78	37.12	54.00	-16.88	AVG		

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

Operator: KK

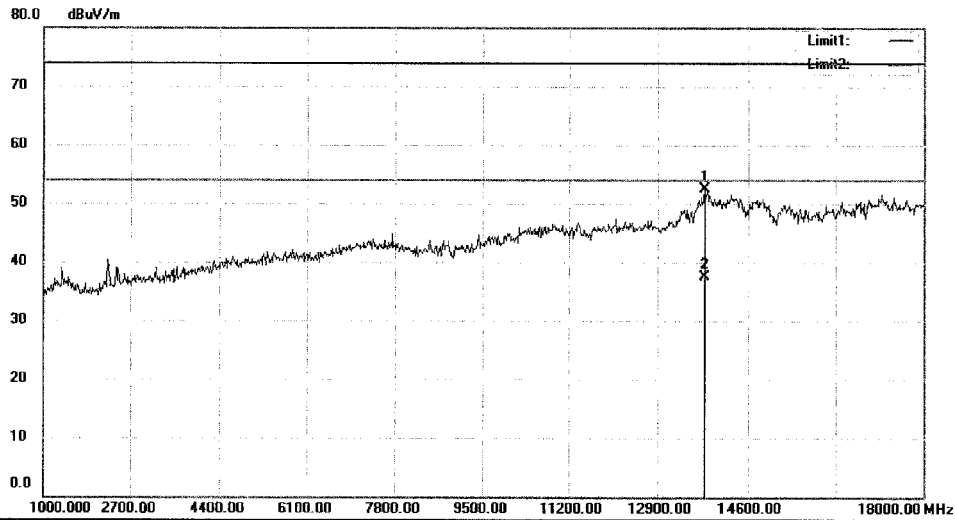
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Radiated Emission Measurement

File :TUV 8 Data :#188 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:11A 5785
 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	Comment
1		13784.00	58.84	-6.34	52.50	74.00	-21.50	peak			
2	*	13784.00	43.90	-6.34	37.56	54.00	-16.44	AVG			

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

Operator: KK

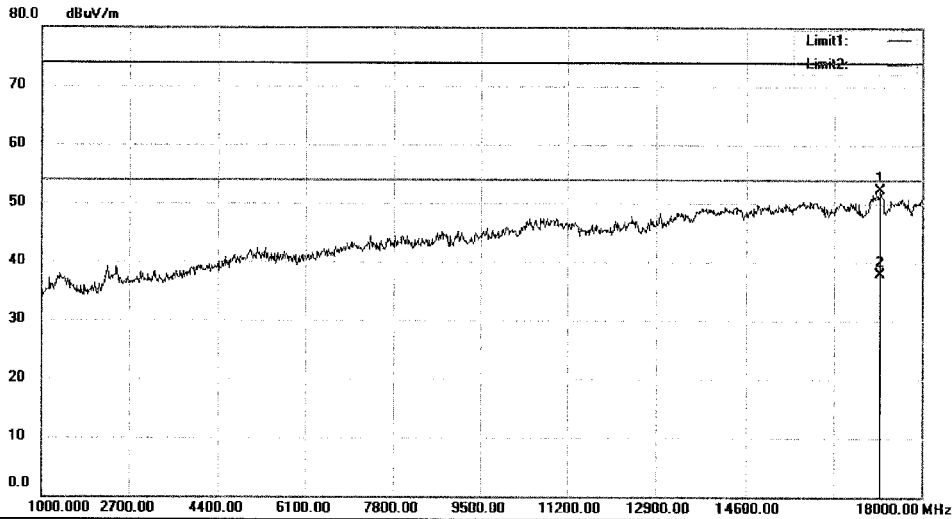
File :TUV 8\Data :#188

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Radiated Emission Measurement

File :TUV 8 Data :#187 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: 11A 5785
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		17201.00	55.68	-3.37	52.31	74.00	-21.69	peak		
2	*	17201.00	41.23	-3.37	37.86	54.00	-16.14	AVG		

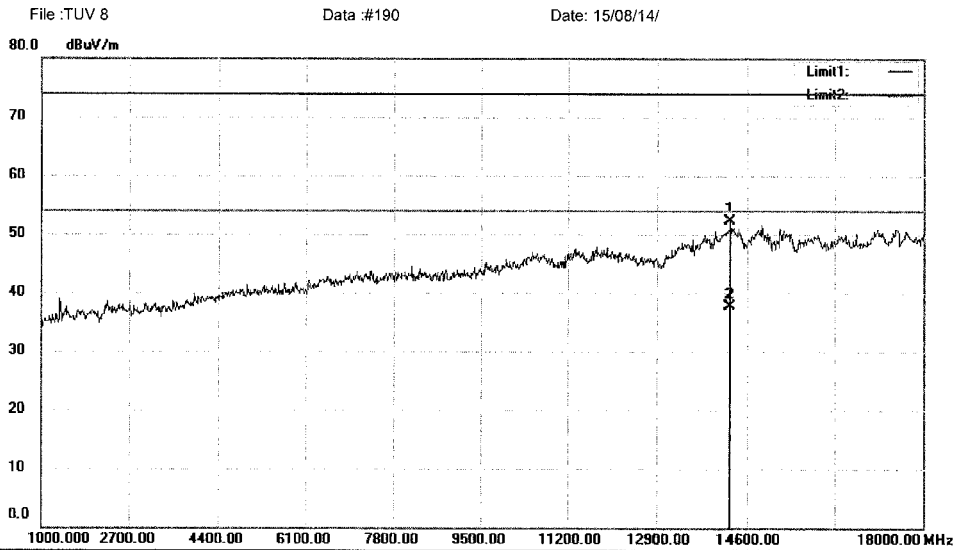
*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 8\Data :#187

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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: 11A 5825
 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	Comment
1		14277.00	58.05	-5.73	52.32	74.00	-21.68	peak			
2	*	14277.00	43.47	-5.73	37.74	54.00	-16.26	AVG			

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

Operator: KK

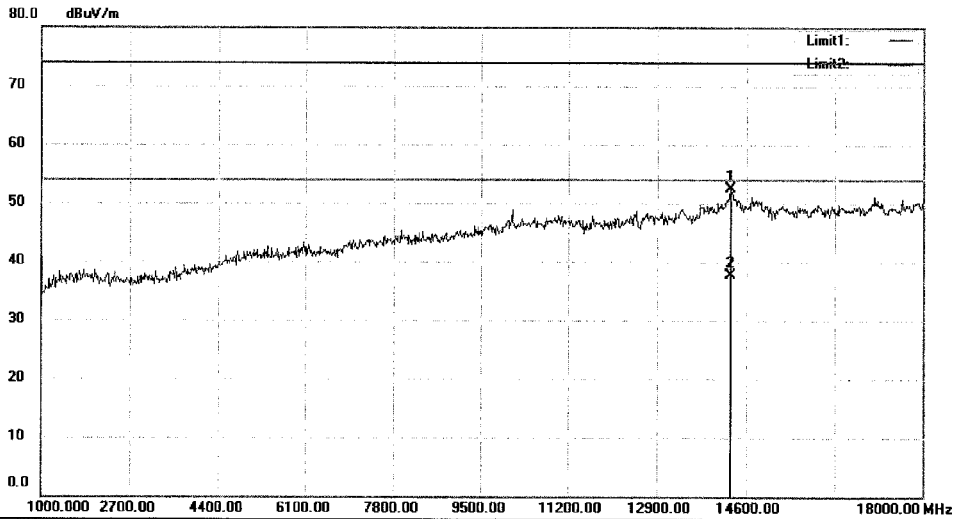
File :TUV 8\Data #190

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Radiated Emission Measurement

File :TUV 8 Data #189 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: 11A 5825
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		14294.00	58.23	-5.76	52.47	74.00	-21.53	peak		
2	*	14294.00	43.52	-5.76	37.76	54.00	-16.24	AVG		

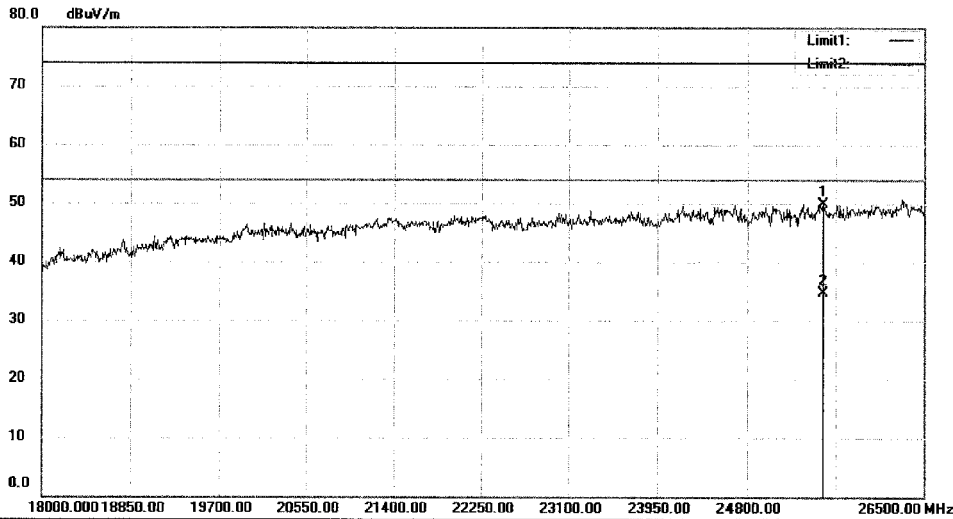
*:Maximum data x:Over limit !:over margin

Operator: KK

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Radiated Emission Measurement

File : TUV 8 Data : #276 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: 11A 5180
 Note: Bluetooth Stereo Speaker with Powerbank

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	Comment
1		25531.00	86.34	-36.36	49.98	74.00	-24.02	peak			
2	*	25531.00	71.01	-36.36	34.65	54.00	-19.35	AVG			

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

Operator: KK

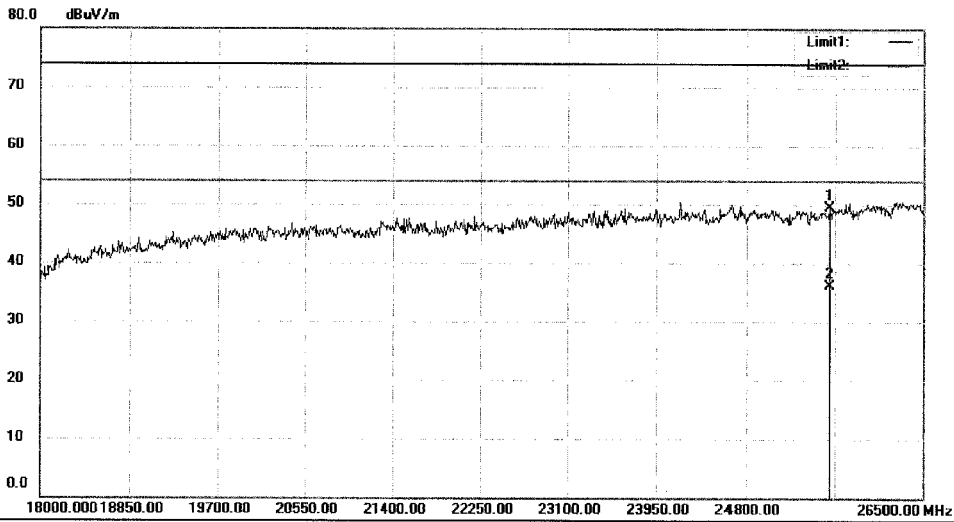
File : TUV 8\Data :#276

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Radiated Emission Measurement

File :TUV 8 Data :#277 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:11A 5180
 Note: Bluetooth Stereo Speaker with Powerbank

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	Comment
1		25599.00	85.74	-36.28	49.46	74.00	-24.54	peak			
2	*	25599.00	72.43	-36.28	36.15	54.00	-17.85	AVG			

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

Operator: KK

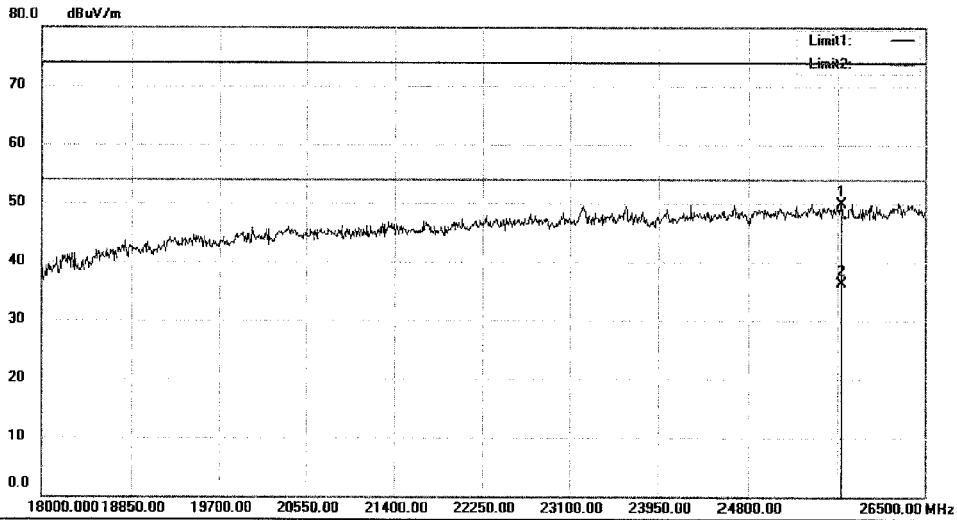
File :TUV 8\Data :#277

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Radiated Emission Measurement

File :TUV 8 Data :#278 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: 11A 5220
 Note: Bluetooth Stereo Speaker with Powerbank

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	Comment
1		25692.50	86.04	-36.17	49.87	74.00	-24.13	peak			
2	*	25692.50	72.41	-36.17	36.24	54.00	-17.76	AVG			

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

Operator: KK

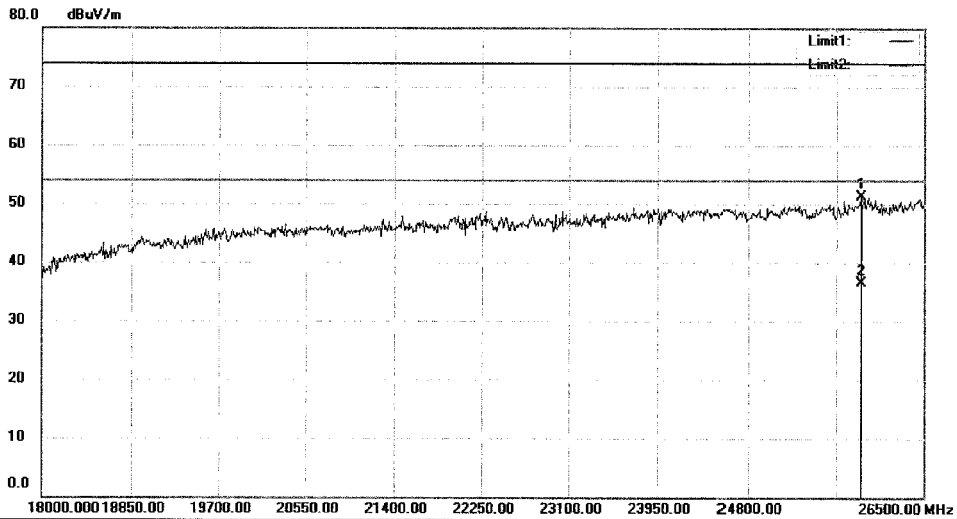
File :TUV 8\Data :#278

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Radiated Emission Measurement

File :TUV 8 Data #279 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:11A 5220
 Note: Bluetooth Stereo Speaker with Powerbank

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		25888.00	87.20	-35.93	51.27	74.00	-22.73	peak		
2	*	25888.00	72.35	-35.93	36.42	54.00	-17.58	AVG		

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

Operator: KK

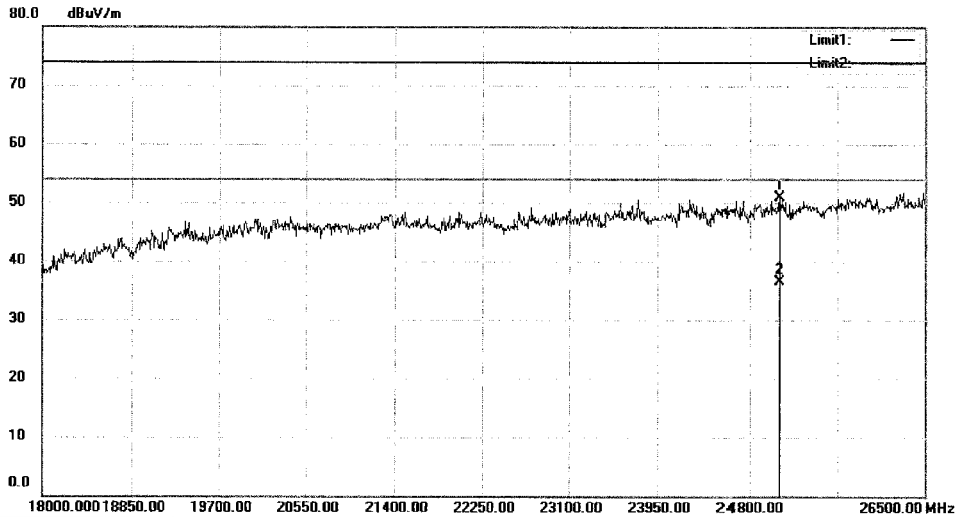
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Radiated Emission Measurement

File :TUV 8 Data :#280 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:11A 5240
 Note: Bluetooth Stereo Speaker with Powerbank

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		25089.00	87.79	-36.90	50.89	74.00	-23.11	peak		
2	*	25089.00	73.42	-36.90	36.52	54.00	-17.48	AVG		

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

Operator: KK

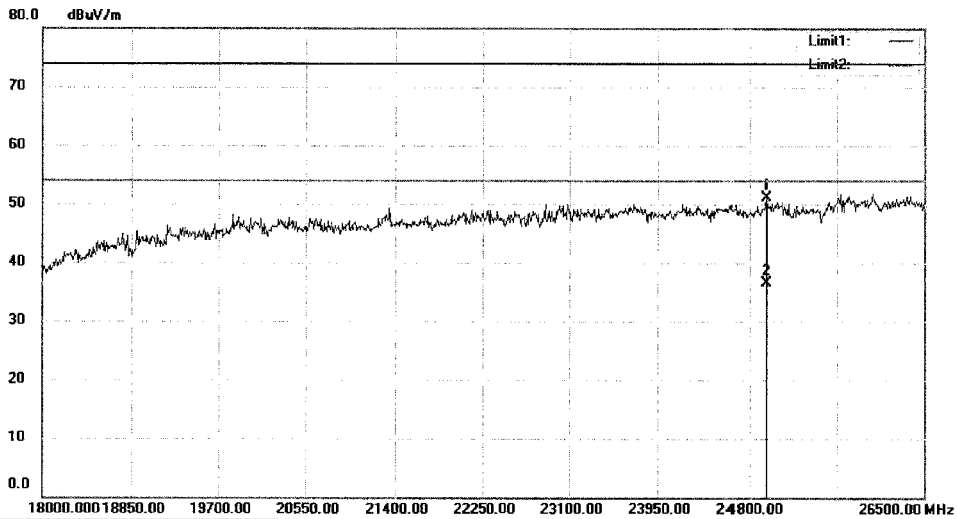
File :TUV 8\Data :#280

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Radiated Emission Measurement

File :TUV 8 Data :#281 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:11A 5240
 Note: Bluetooth Stereo Speaker with Powerbank

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	Comment
1		24961.50	88.04	-37.01	51.03	74.00	-22.97	peak			
2	*	24961.50	73.43	-37.01	36.42	54.00	-17.58	AVG			

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

Operator: KK

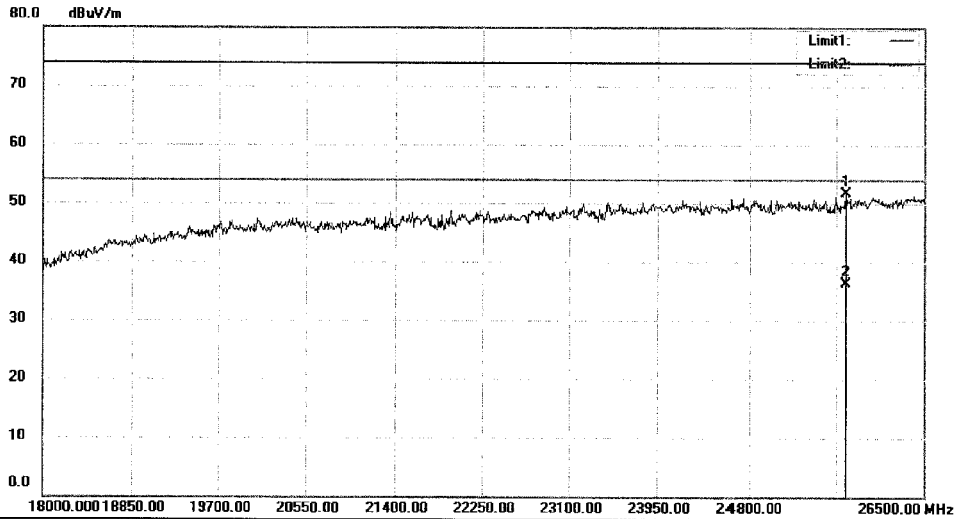
File :TUV 8\Data :#281

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Radiated Emission Measurement

File :TUV 8 Data :#282 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: 11A 5745
 Note: Bluetooth Stereo Speaker with Powerbank

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	Comment
1		25743.50	87.85	-36.10	51.75	74.00	-22.25	peak			
2	*	25743.50	72.31	-36.10	36.21	54.00	-17.79	AVG			

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

Operator: KK

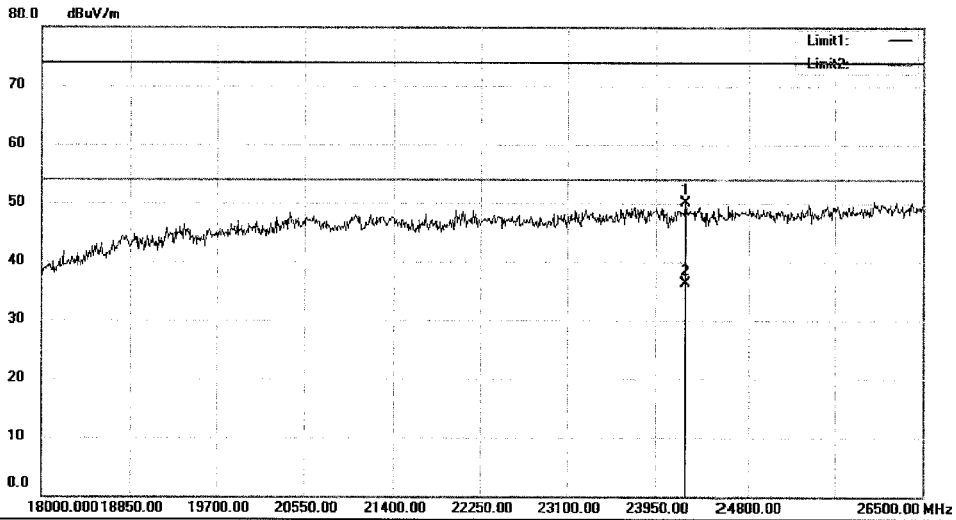
File :TUV 8\Data :#282

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Radiated Emission Measurement

File :TUV 8 Data :#283 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:11A 5745
 Note: Bluetooth Stereo Speaker with Powerbank

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		24239.00	87.24	-37.10	50.14	74.00	-23.86	peak		
2	*	24239.00	73.38	-37.10	36.28	54.00	-17.72	AVG		

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

Operator: KK

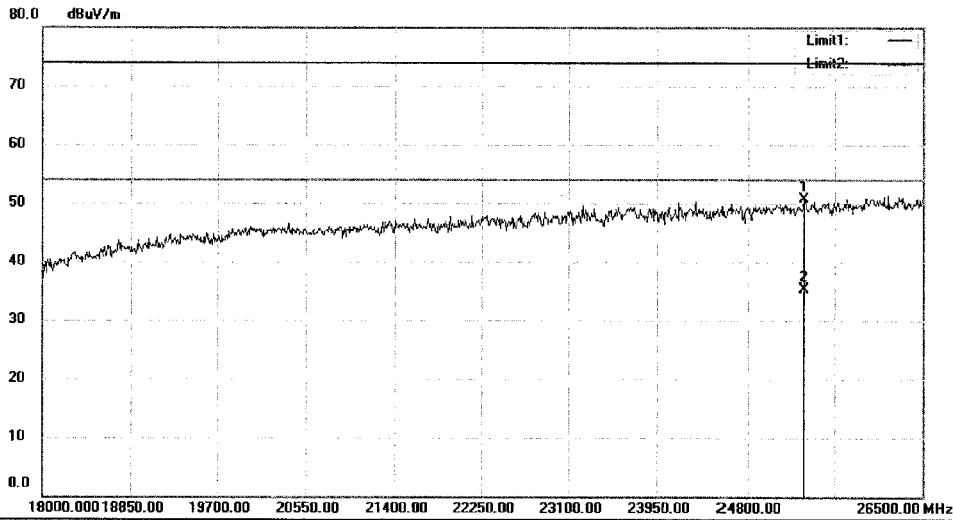
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Radiated Emission Measurement

File :TUV 8 Data :#284 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:11A 5785
 Note: Bluetooth Stereo Speaker with Powerbank

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		25344.00	87.36	-36.59	50.77	74.00	-23.23	peak		
2	*	25344.00	71.83	-36.59	35.24	54.00	-18.76	AVG		

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

Operator: KK

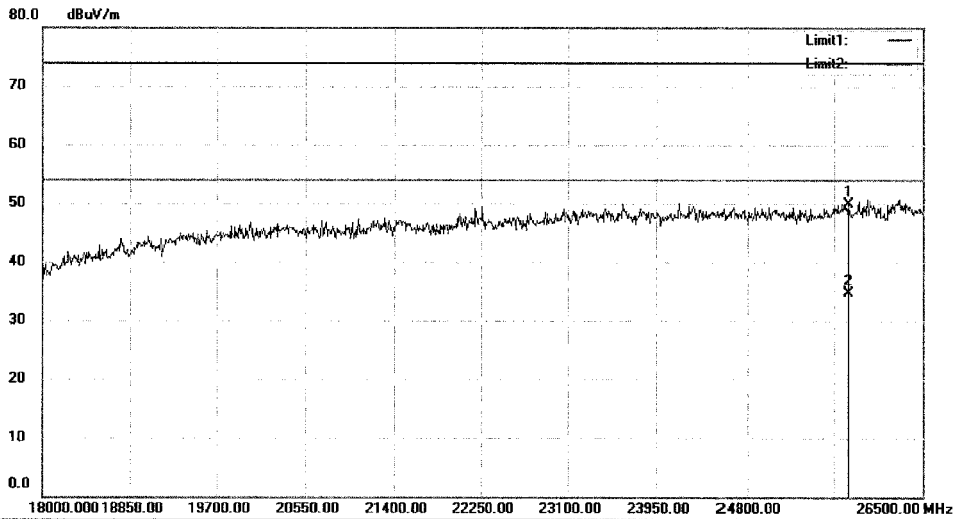
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Radiated Emission Measurement

File :TUV 8 Data #285 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:11A 5785
 Note: Bluetooth Stereo Speaker with Powerbank

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		25786.00	86.05	-36.05	50.00	74.00	-24.00	peak		
2	*	25786.00	70.81	-36.05	34.76	54.00	-19.24	AVG		

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

Operator: KK

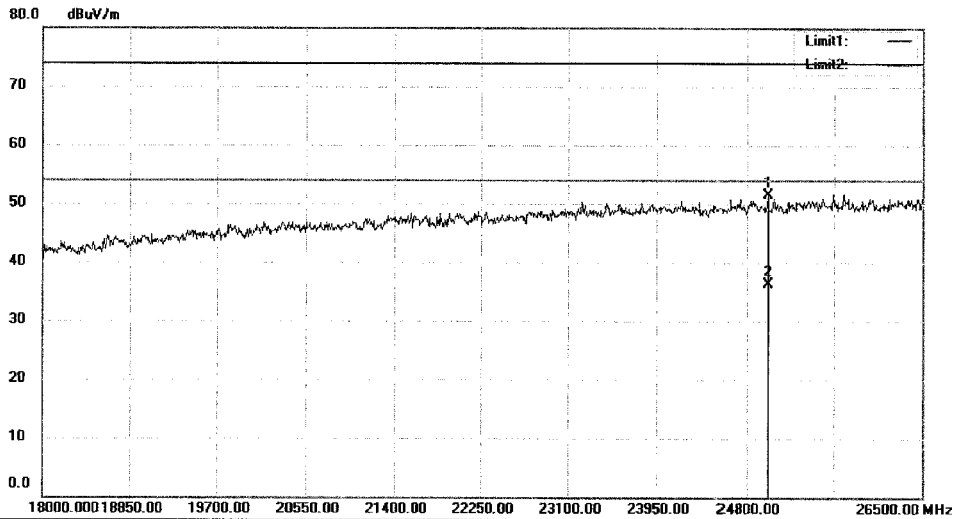
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Radiated Emission Measurement

File :TUV 8 Data :#287 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: 11A 5825
 Note: Bluetooth Stereo Speaker with Powerbank

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		25004.00	88.55	-37.01	51.54	74.00	-22.46	peak		
2	*	25004.00	73.22	-37.01	36.21	54.00	-17.79	AVG		

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

Operator: KK

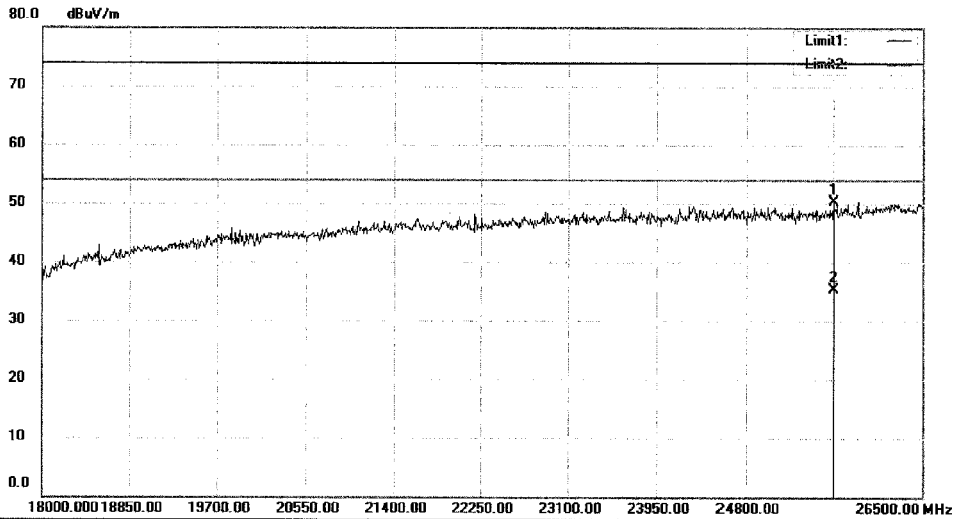
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Radiated Emission Measurement

File :TUV 8 Data #286 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: 11A 5825
 Note: Bluetooth Stereo Speaker with Powerbank

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		25650.00	86.47	-36.22	50.25	74.00	-23.75	peak		
2	*	25650.00	71.43	-36.22	35.21	54.00	-18.79	AVG		

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

Operator: KK

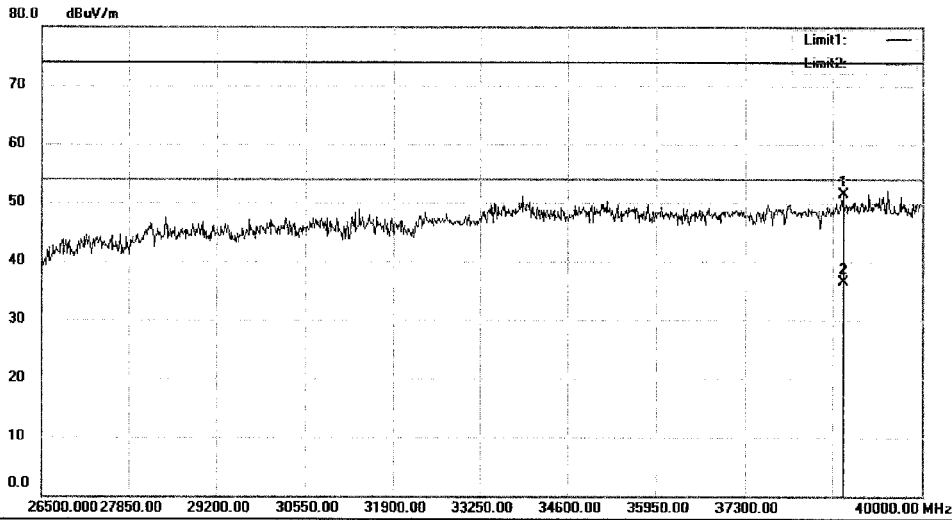
File :TUV 8\Data #286

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Radiated Emission Measurement

File :TUV 8 Data #192 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: 11A 5180
 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	Comment
1		38812.00	85.99	-34.40	51.59	74.00	-22.41	peak			
2	*	38812.00	70.82	-34.40	36.42	54.00	-17.58	AVG			

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

Operator: KK

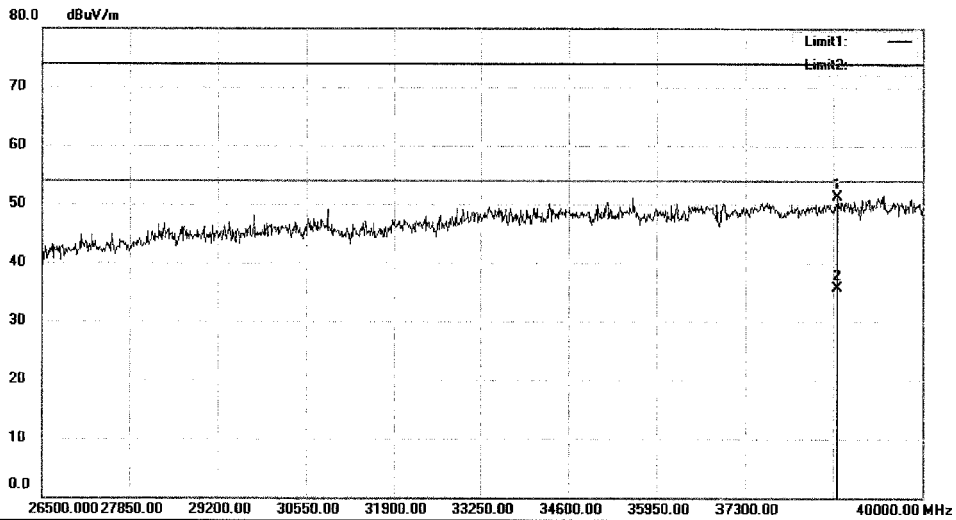
File :TUV 8\Data #192

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Radiated Emission Measurement

File :TUV 8 Data #191 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:11A 5180
 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	Comment
1		38717.50	85.88	-34.61	51.27	74.00	-22.73	peak			
2	*	38717.50	70.28	-34.61	35.67	54.00	-18.33	AVG			

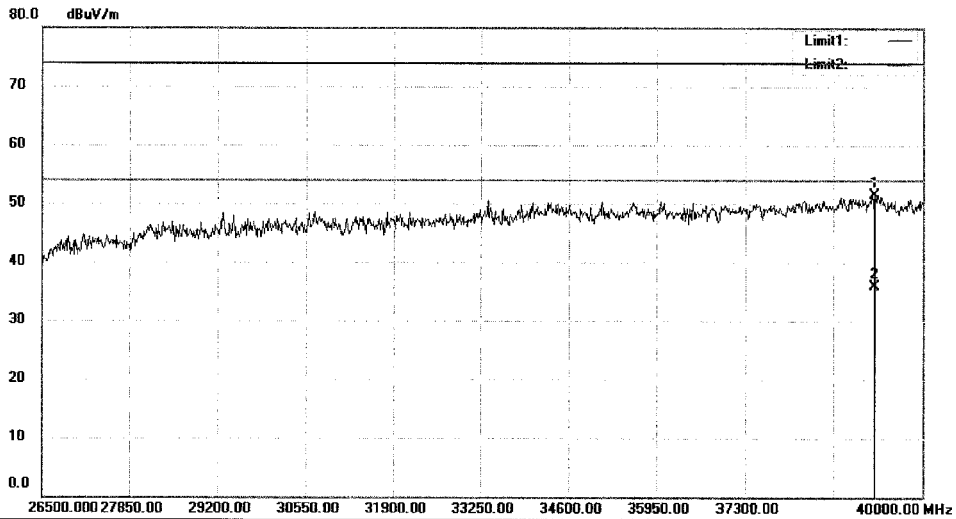
*:Maximum data x:Over limit !:over margin

Operator: KK

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Radiated Emission Measurement

File :TUV 8 Data #194 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:11A 5220
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		39271.00	84.85	-33.34	51.51	74.00	-22.49	peak		
2	*	39271.00	69.18	-33.34	35.84	54.00	-18.16	AVG		

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

Operator: KK

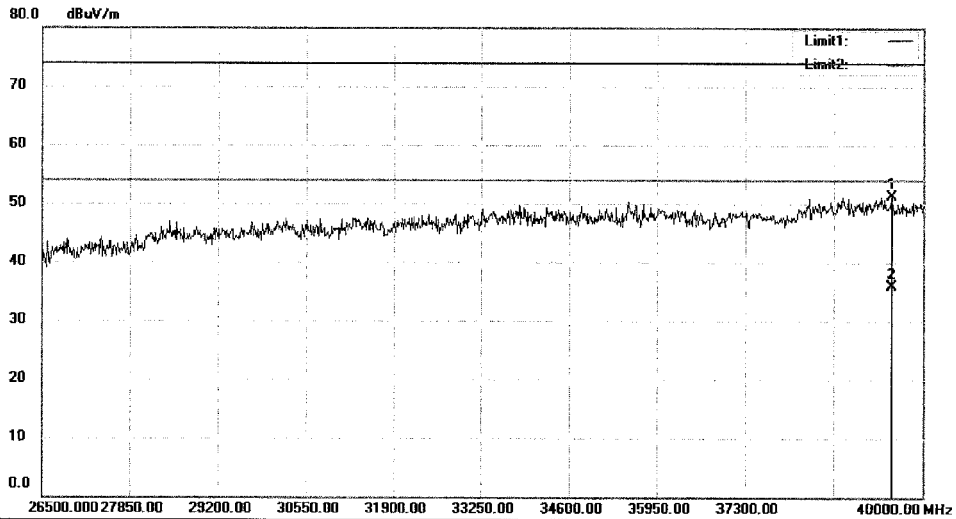
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Radiated Emission Measurement

File :TUV 8 Data #193 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: 11A 5220
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		39514.00	84.04	-32.79	51.25	74.00	-22.75	peak		
2	*	39514.00	68.65	-32.79	35.86	54.00	-18.14	AVG		

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

Operator: KK

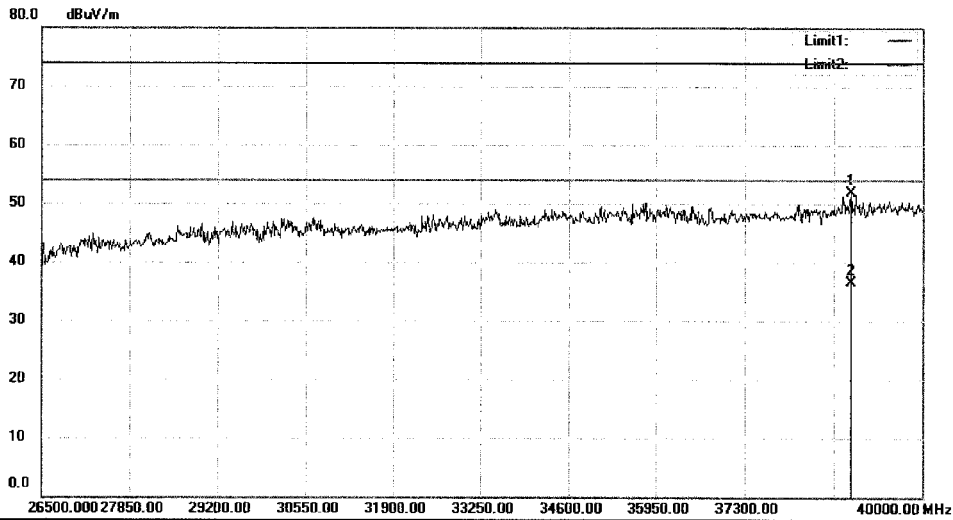
File :TUV 8\Data #193

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Radiated Emission Measurement

File : TUV 8 Data : #196 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: 11A 5240
 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	Comment
1		38906.50	86.17	-34.18	51.99	74.00	-22.01	peak			
2	*	38906.50	70.60	-34.18	36.42	54.00	-17.58	AVG			

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

Operator: KK

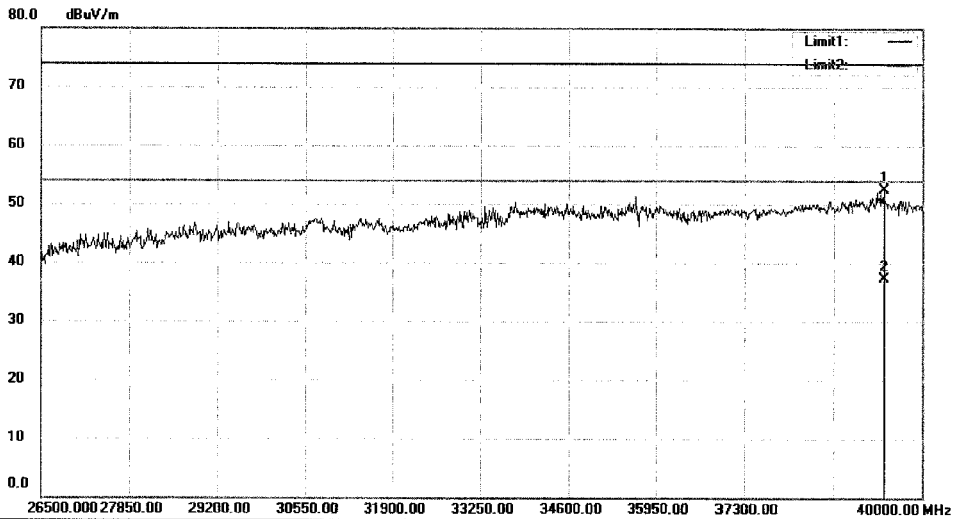
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Radiated Emission Measurement

File :TUV 8 Data #195 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:11A 5240
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		39406.00	85.61	-33.03	52.58	74.00	-21.42	peak		
2	*	39406.00	70.27	-33.03	37.24	54.00	-16.76	AVG		

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

Operator: KK

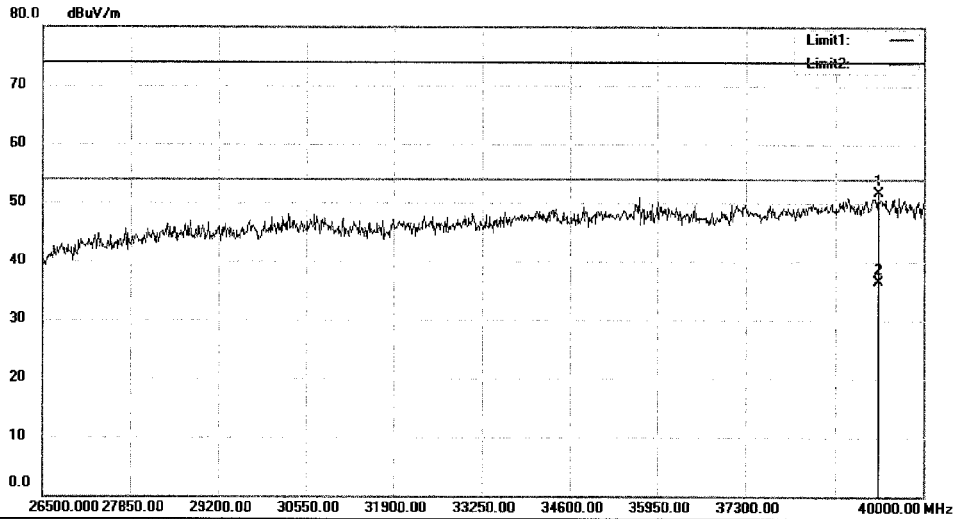
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Radiated Emission Measurement

File :TUV 8 Data :#198 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: 11A 5745
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		39298.00	85.02	-33.28	51.74	74.00	-22.26	peak		
2	*	39298.00	69.82	-33.28	36.54	54.00	-17.46	AVG		

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

Operator: KK

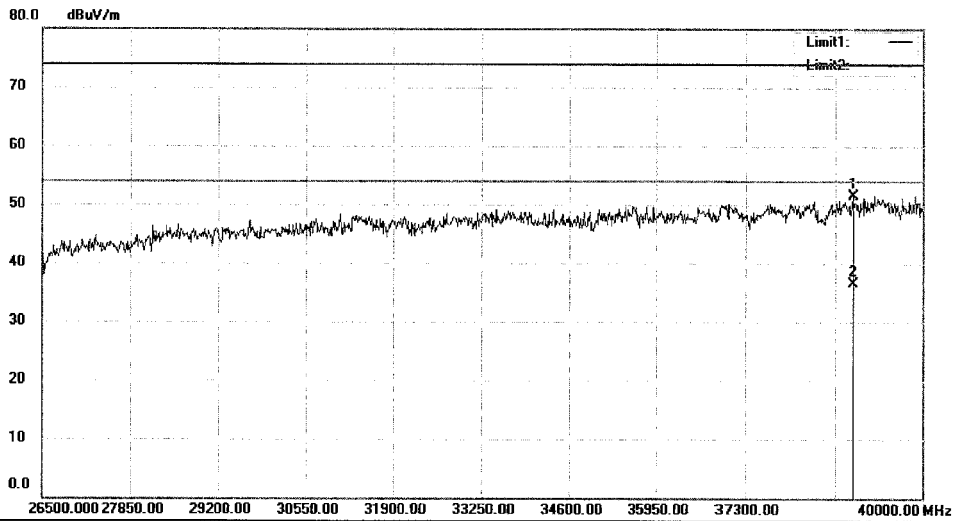
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Radiated Emission Measurement

File :TUV 8 Data :#197 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: 11A 5745
 Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree	Comment
1		38920.00	85.64	-34.15	51.49	74.00	-22.51	peak		
2	*	38920.00	70.69	-34.15	36.54	54.00	-17.46	AVG		

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

Operator: KK

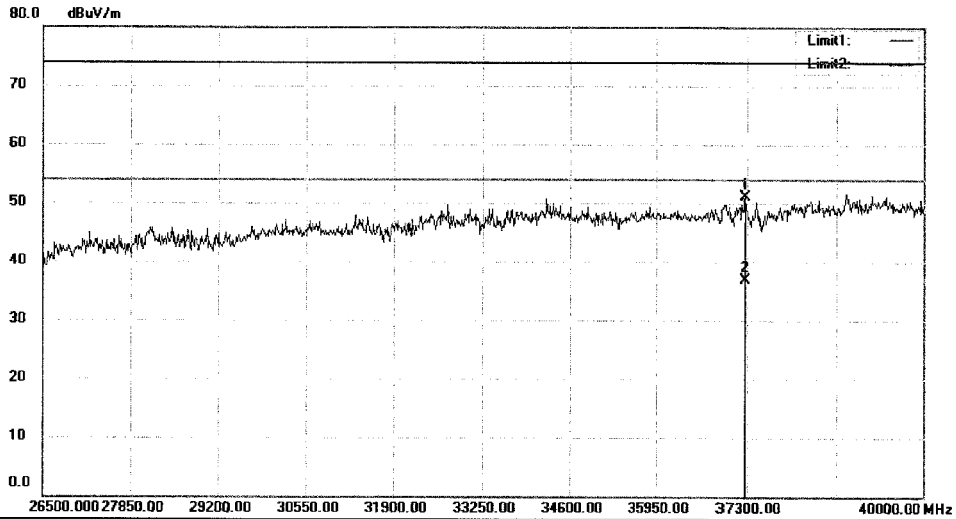
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Radiated Emission Measurement

File : TUV 8 Data : #200 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: 11A 5785
 Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree	Comment
1		37273.00	88.07	-36.98	51.09	74.00	-22.91	peak			
2	*	37273.00	73.96	-36.98	36.98	54.00	-17.02	AVG			

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

Operator: KK

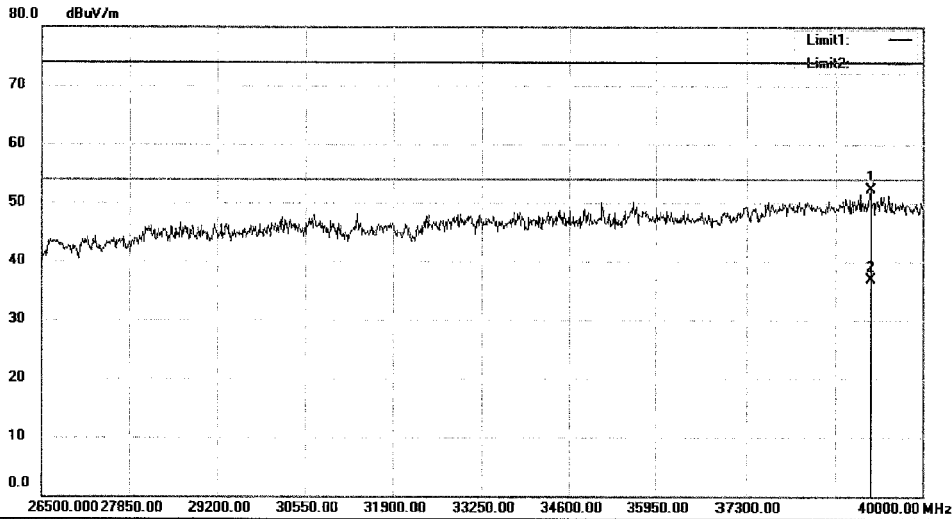
File : TUV 8\Data :#200

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Radiated Emission Measurement

File :TUV 8 Data :#199 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:11A 5785
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		39190.00	85.93	-33.53	52.40	74.00	-21.60	peak		
2	*	39190.00	70.42	-33.53	36.89	54.00	-17.11	AVG		

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

Operator: KK

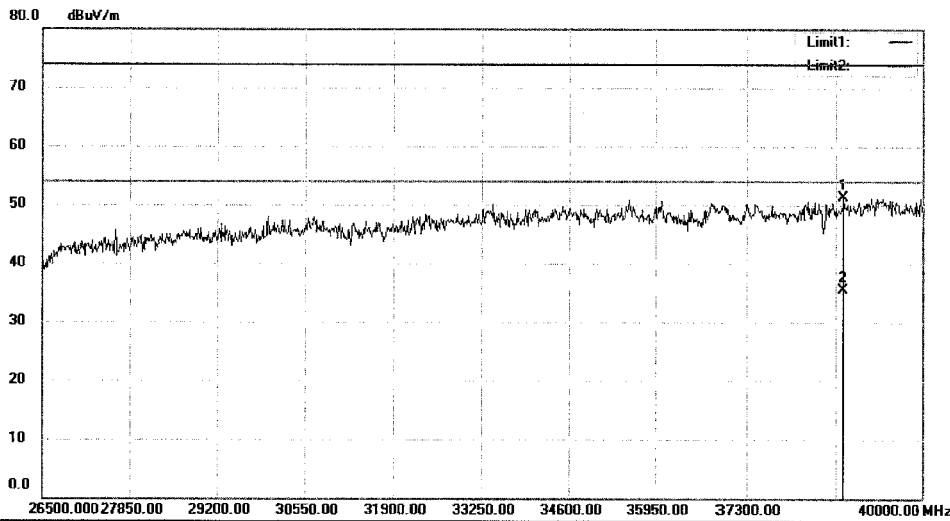
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Radiated Emission Measurement

File :TUV 8 Data :#202 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:11A 5825
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		38771.50	85.72	-34.49	51.23	74.00	-22.77	peak		
2	*	38771.50	69.98	-34.49	35.49	54.00	-18.51	AVG		

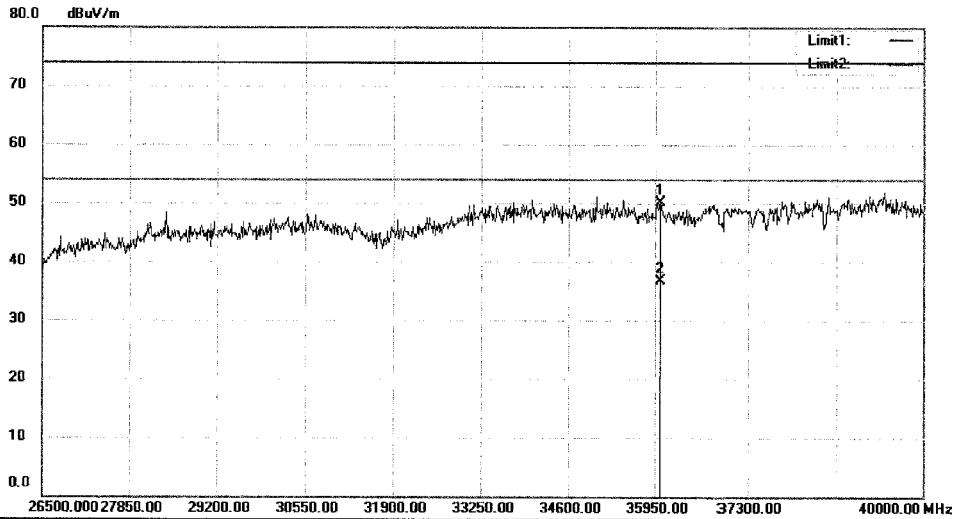
*:Maximum data x:Over limit !:over margin

Operator: KK

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Radiated Emission Measurement

File :TUV 8 Data :#201 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:11A 5825
 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	Comment
1		36031.00	88.34	-38.22	50.12	74.00	-23.88	peak			
2	*	36031.00	74.96	-38.22	36.74	54.00	-17.26	AVG			

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

Operator: KK

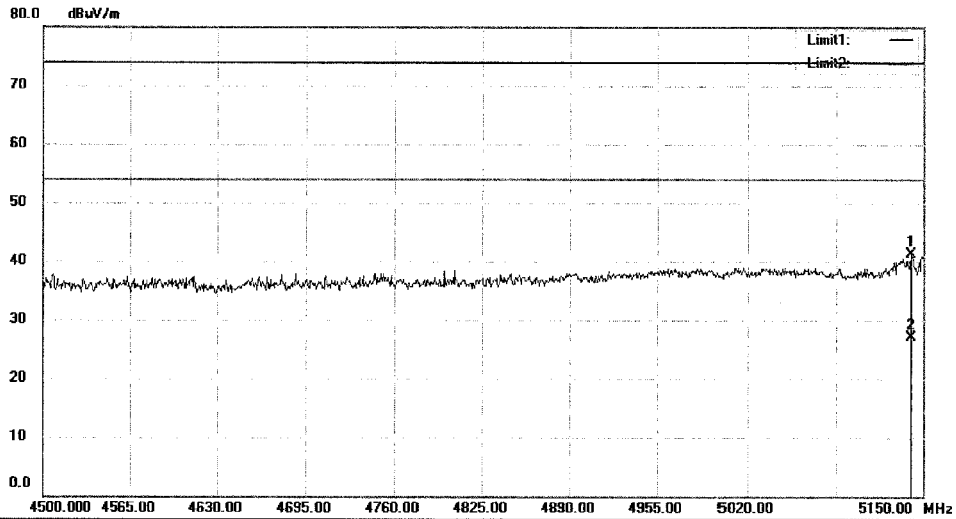
File :TUV 8\Data :#201

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Radiated Emission Measurement

File :TUV 8 Data :#289 Date: 15/08/11/



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:11A 5180
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		5140.900	61.31	-19.92	41.39	74.00	-32.61	peak		
2	*	5140.900	47.07	-19.92	27.15	54.00	-26.85	AVG		

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

Operator: KK

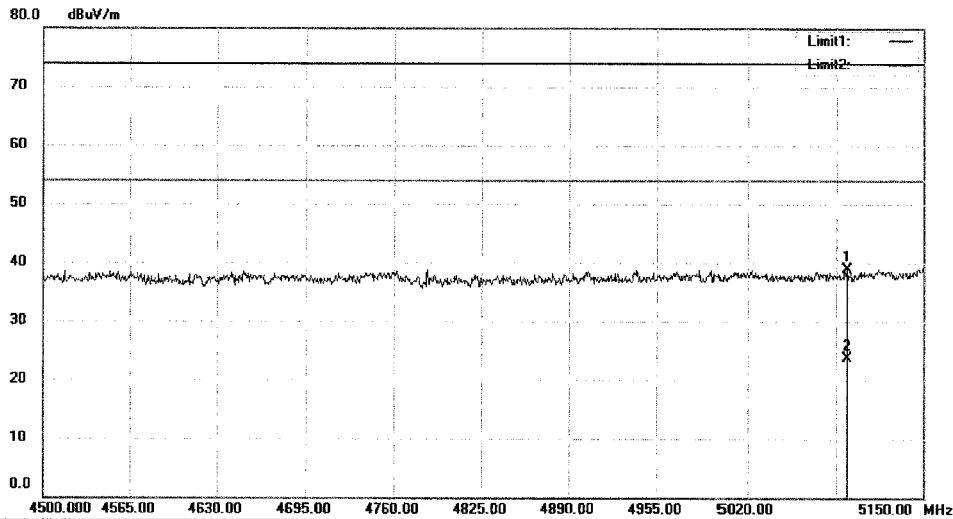
File :TUV 8\Data :#289

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Radiated Emission Measurement

File :TUV 8 Data #288 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:11A 5180
 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		5093.450	58.79	-19.94	38.85	74.00	-35.15	peak		
2	*	5093.450	43.69	-19.94	23.75	54.00	-30.25	AVG		

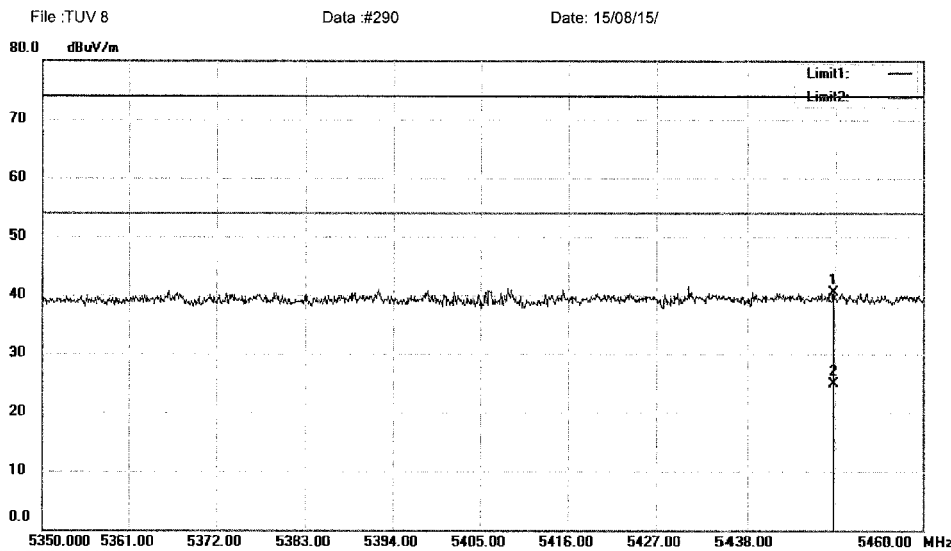
*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 8\Data #288

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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:11A 5180
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		5448.780	60.32	-19.75	40.57	74.00	-33.43	peak		
2	*	5448.780	44.58	-19.75	24.83	54.00	-29.17	AVG		

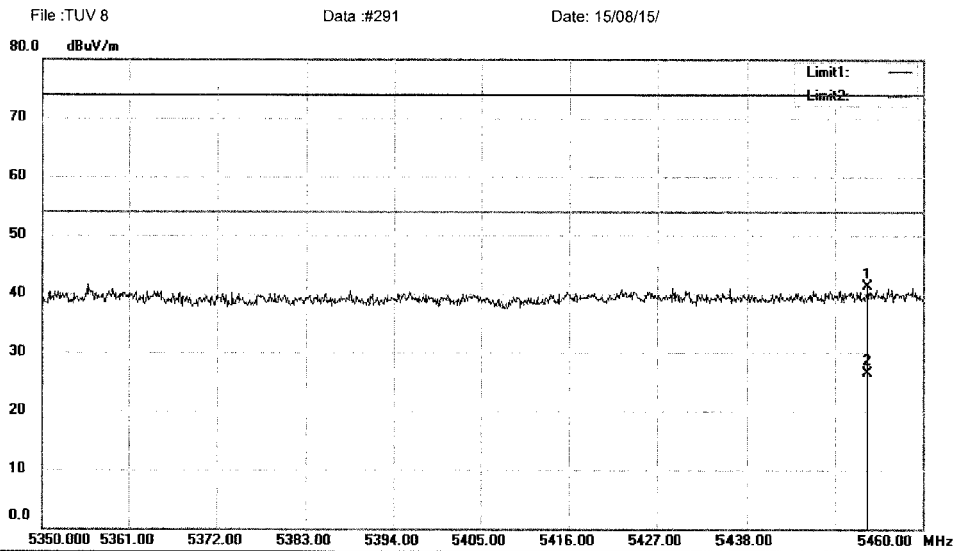
*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 8\Data #290

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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:11A 5180
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		5453.070	61.03	-19.75	41.28	74.00	-32.72	peak		
2	*	5453.070	46.17	-19.75	26.42	54.00	-27.58	AVG		

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

Operator: KK

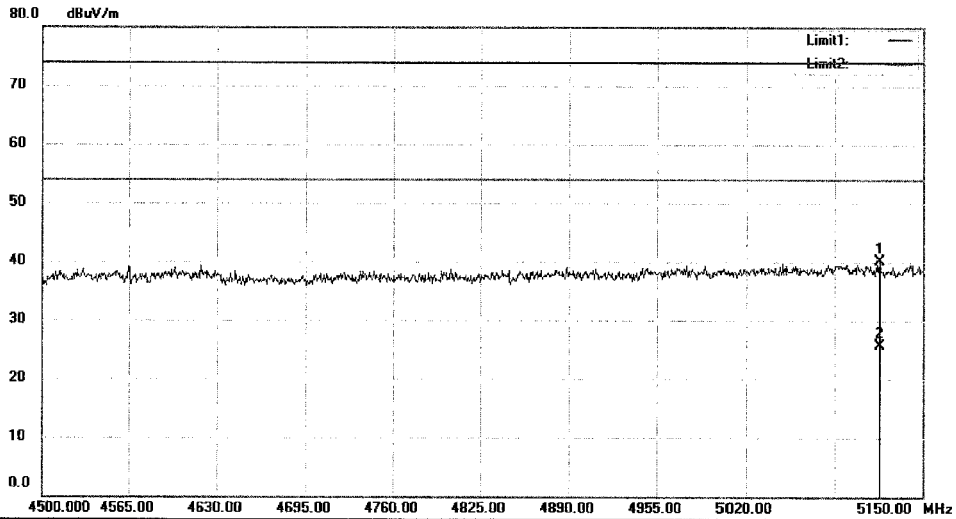
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Radiated Emission Measurement

File :TUV 8 Data #293 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:11A 5240
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		5118.150	60.01	-19.93	40.08	74.00	-33.92	peak		
2	*	5118.150	45.61	-19.93	25.68	54.00	-28.32	AVG		

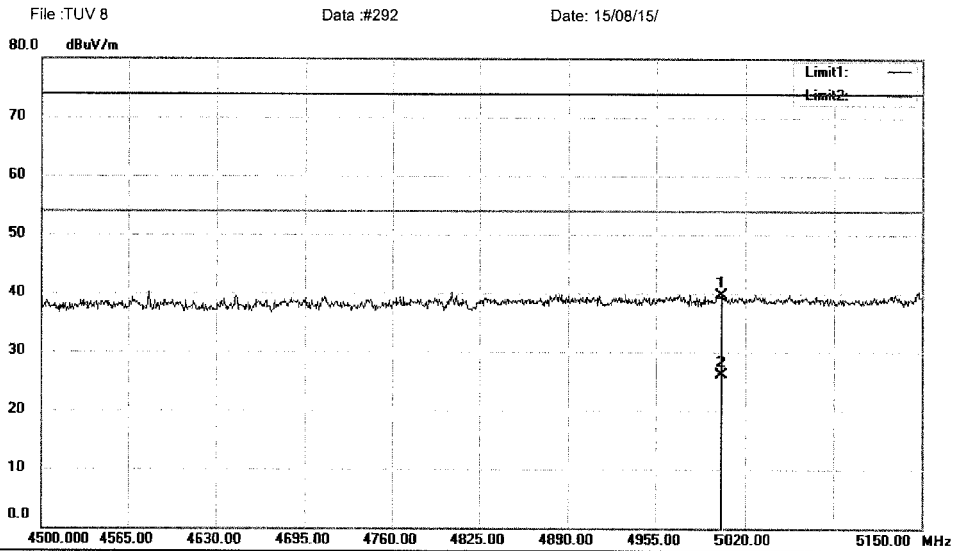
*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 8\Data #293

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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: 11A 5240
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		5003.100	59.79	-19.99	39.80	74.00	-34.20	peak		
2	*	5003.100	46.11	-19.99	26.12	54.00	-27.88	AVG		

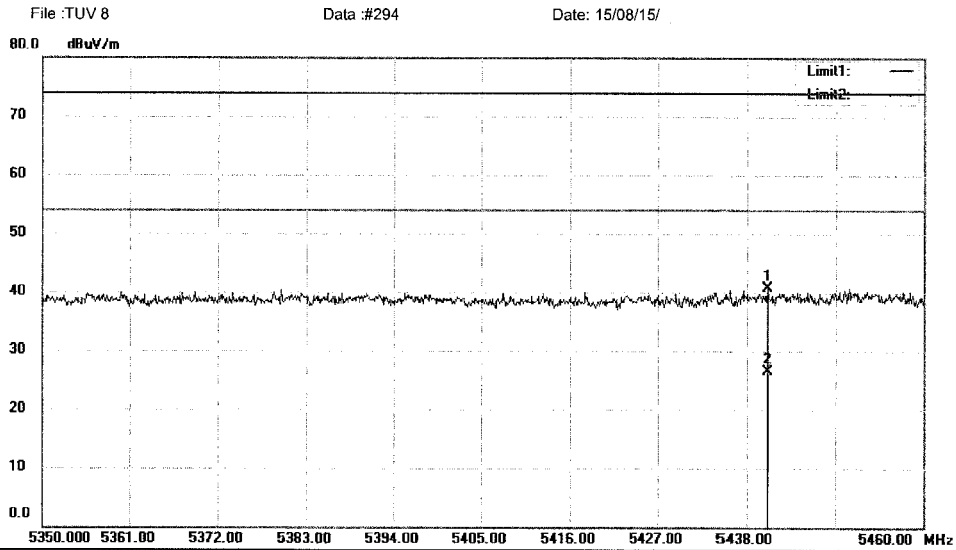
*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 8\Data :#292

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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: 11A 5240
 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		5440.530	60.39	-19.75	40.64	74.00	-33.36	peak		
2	*	5440.530	46.16	-19.75	26.41	54.00	-27.59	AVG		

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

Operator: KK

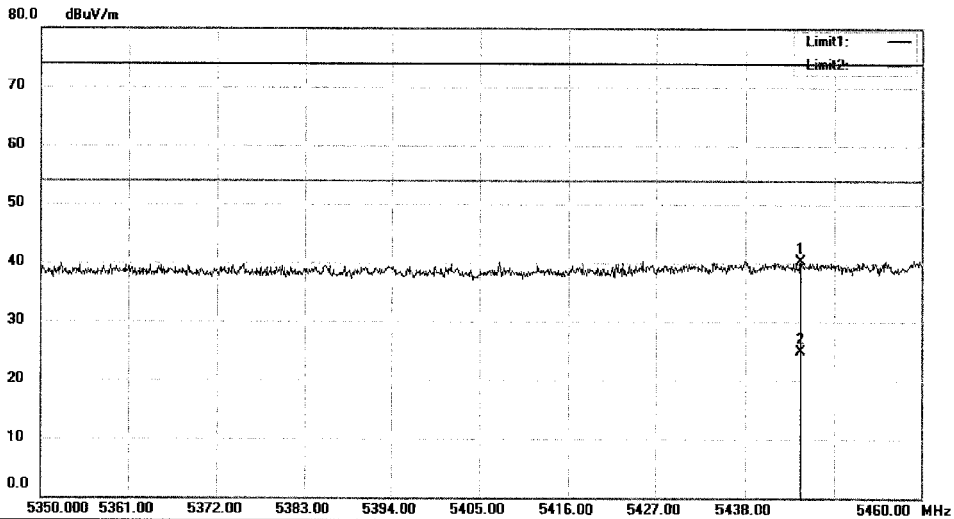
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Radiated Emission Measurement

File :TUV 8 Data #295 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: 11A 5240
 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	Comment
1		5444.820	59.99	-19.75	40.24	74.00	-33.76	peak			
2	*	5444.820	44.61	-19.75	24.86	54.00	-29.14	AVG			

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

Operator: KK

File :TUV 8\Data :#295

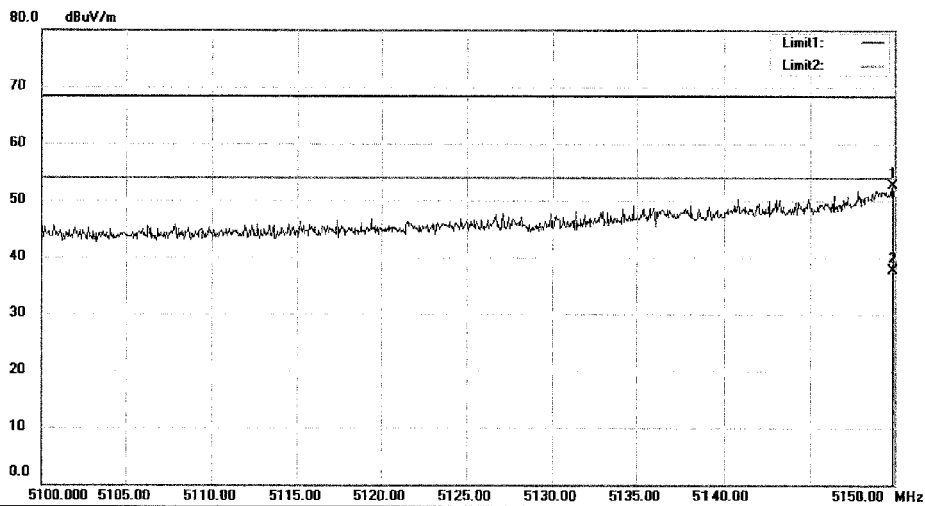
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Test Plot of Band Edge

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Radiated Emission Measurement

File :TUV 8 Data :#301 Date: 15/08/15/


 Site 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 Limit: (RE)FCC PART 15C (Bandedge) Peak Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: DL1018A, MID1016-MA
 Mode:11A 5180
 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	*	5149.900	66.90	-14.24	52.66	68.20	-15.54	peak		
2		5149.900	51.92	-14.24	37.68	54.00	-16.32	AVG		

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

Operator: KK

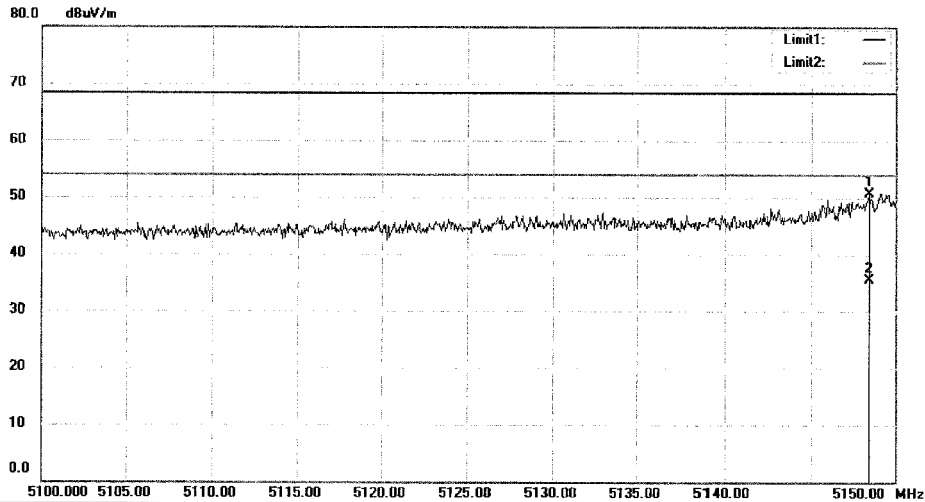
File :TUV 8\Data :#301

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Radiated Emission Measurement

File :TUV 8 Data :#300 Date: 15/08/15/



Site 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
 Limit: (RE)FCC PART 15C (Bandedge) Peak Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: DL1018A, MID1016-MA
 Mode:11A 5180
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1	*	5148.450	65.01	-14.24	50.77	68.20	-17.43	peak		
2		5148.450	49.66	-14.24	35.42	54.00	-18.58	AVG		

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

Operator: KK

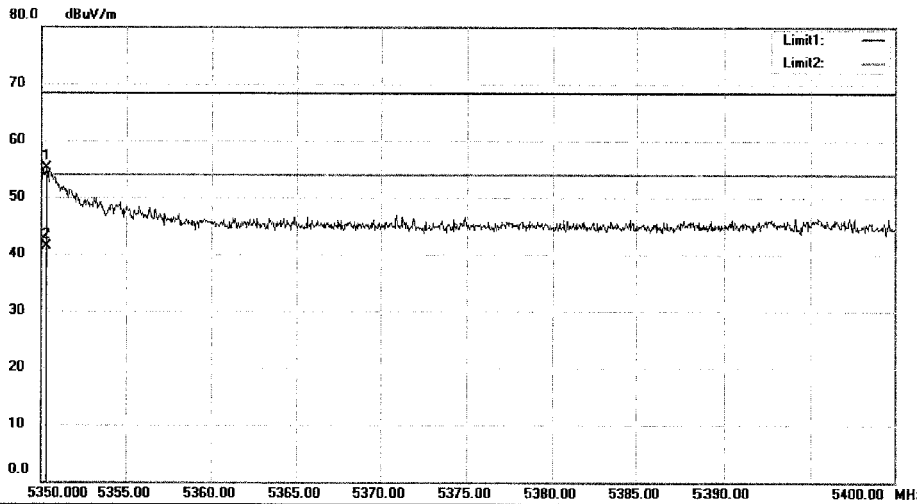
File :TUV 8\Data :#300

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Radiated Emission Measurement

File :TUV 8 Data :#303 Date: 15/08/15/



Site 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 Limit: (RE)FCC PART 15C (Bandedge) Peak Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: DL1018A, MID1016-MA
 Mode:11A 5240
 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	Comment
1		5350.300	69.17	-14.00	55.17	68.20	-13.03	peak			
2	*	5350.300	55.35	-14.00	41.35	54.00	-12.65	AVG			

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

Operator: KK

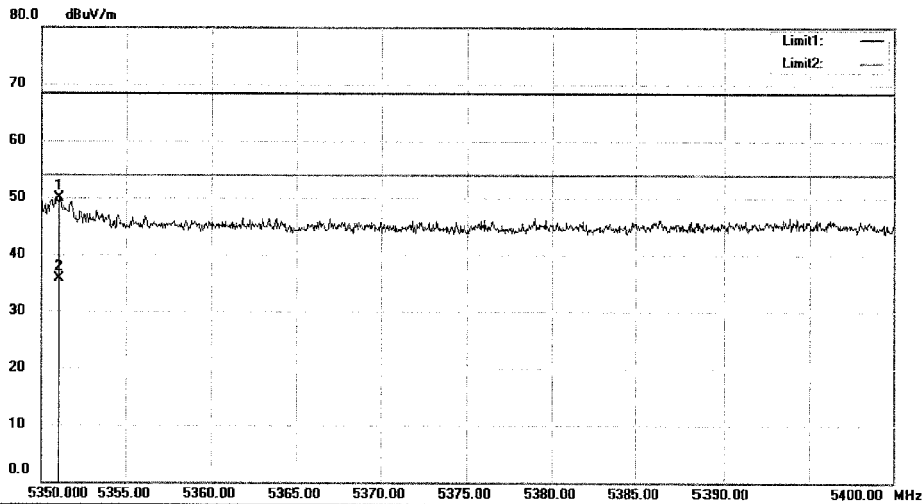
File :TUV 8\Data :#303

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Radiated Emission Measurement

File : TUV 8 Data : #302 Date : 15/08/15/



Site 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
 Limit: (RE)FCC PART 15C (Bandedge) Peak Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: DL1018A, MID1016-MA
 Mode: 11A 5240
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree		
1	*	5351.000	63.86	-14.00	49.86	68.20	-18.34			peak	
2		5351.000	49.65	-14.00	35.65	54.00	-18.35			AVG	

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

Operator: KK

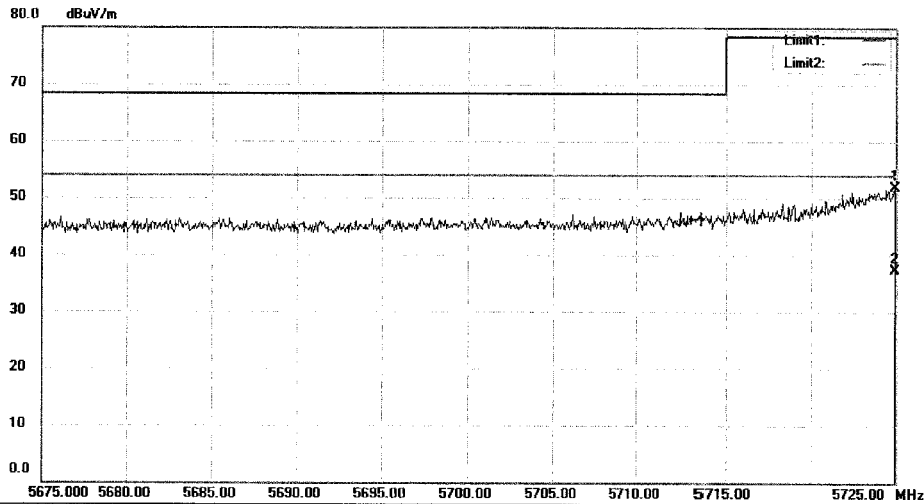
File : TUV 8 \Data : #302

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Radiated Emission Measurement

File : TUV 8 Data : #305 Date : 15/08/15/



Site 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 Limit: (RE)FCC PART 15C (Bandedge) Peak Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: DL1018A, MID1016-MA
 Mode: 11A 5745
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree		
1		5724.950	65.46	-13.56	51.90	78.20	-26.30			peak	
2	*	5724.950	50.80	-13.56	37.24	54.00	-16.76			AVG	

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

Operator: KK

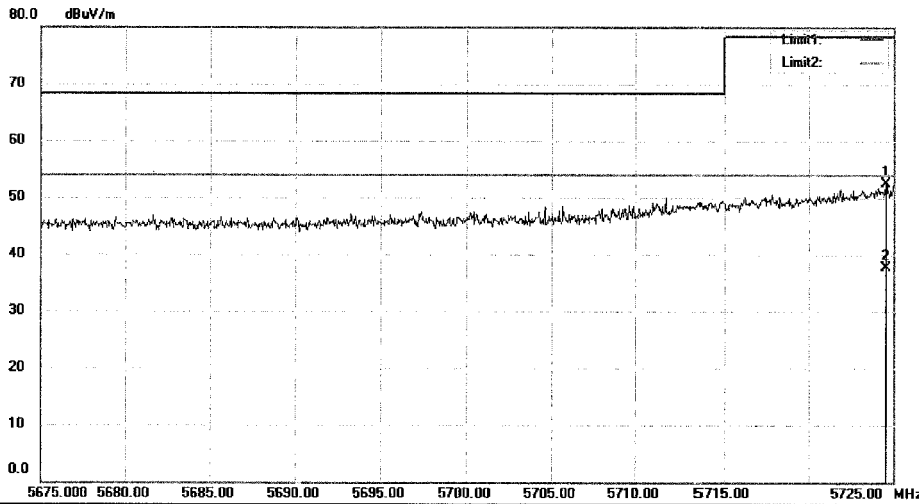
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Radiated Emission Measurement

File :TUV 8 Data :#304 Date: 15/08/15/



Site 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
 Limit: (RE)FCC PART 15C (Bandedge) Peak Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: DL1018A, MID1016-MA
 Mode:11A 5745
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree		
1		5724.550	66.09	-13.56	52.53	78.20	-25.67			peak	
2	*	5724.550	51.21	-13.56	37.65	54.00	-16.35			AVG	

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

Operator: KK

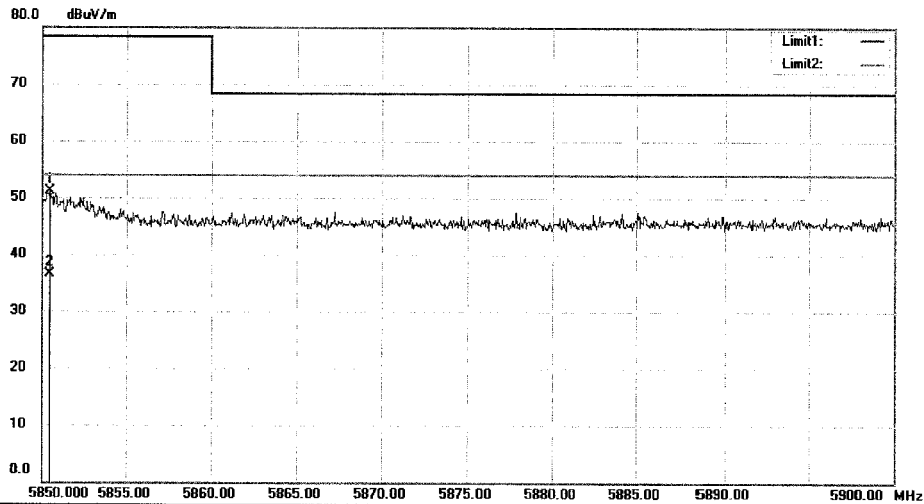
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Radiated Emission Measurement

File :TUV 8 Data :#307 Date: 15/08/15/



Site 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 Limit: (RE)FCC PART 15C (Bandedge) Peak Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: DL1018A, MID1016-MA
 Mode:11A 5825
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		5850.450	64.52	-13.41	51.11	78.20	-27.09	peak		
2	*	5850.450	50.00	-13.41	36.59	54.00	-17.41	AVG		

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

Operator: KK

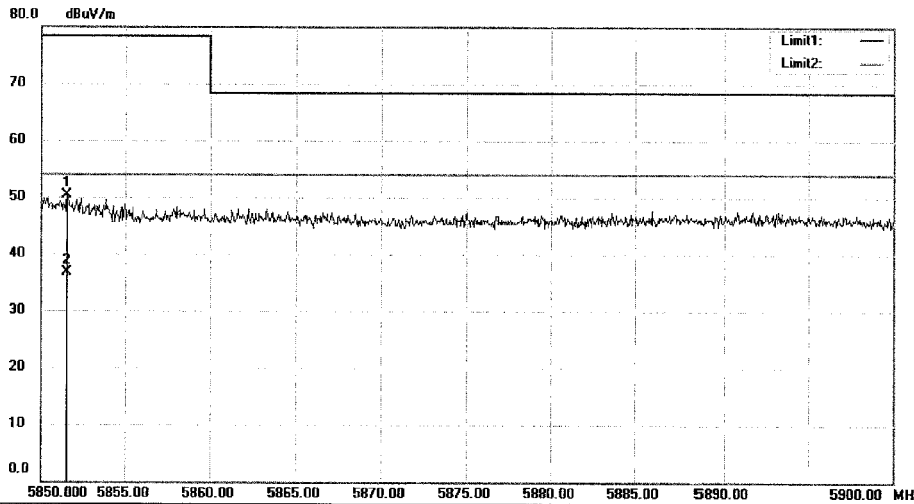
File :TUV 8\Data :#307

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Radiated Emission Measurement

File : TUV 8 Data : #306 Date : 15/08/15/



Site 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
 Limit: (RE)FCC PART 15C (Bandedge) Peak Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: DL1018A, MID1016-MA
 Mode: 11A 5825
 Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree	Comment
1		5851.500	63.73	-13.41	50.32	78.20	-27.88	peak		
2	*	5851.500	50.20	-13.41	36.79	54.00	-17.21	AVG		

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

Operator: KK

File : TUV 8 \Data : #306

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Prüfbericht - Nr.: 17051839 003

Test Report No.

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Page 101 of 107

5.1.7 Conducted emissions

RESULT:**Pass**

Date of testing : 2015-08-24
Test standard : FCC Part 15.207
FCC part 15.407(b)(6)
Basic standard : ANSI C63.10: 2013
Frequency range : 0.15 – 30MHz
Limits : FCC Part 15.207
Kind of test site : Shield room

Test setup

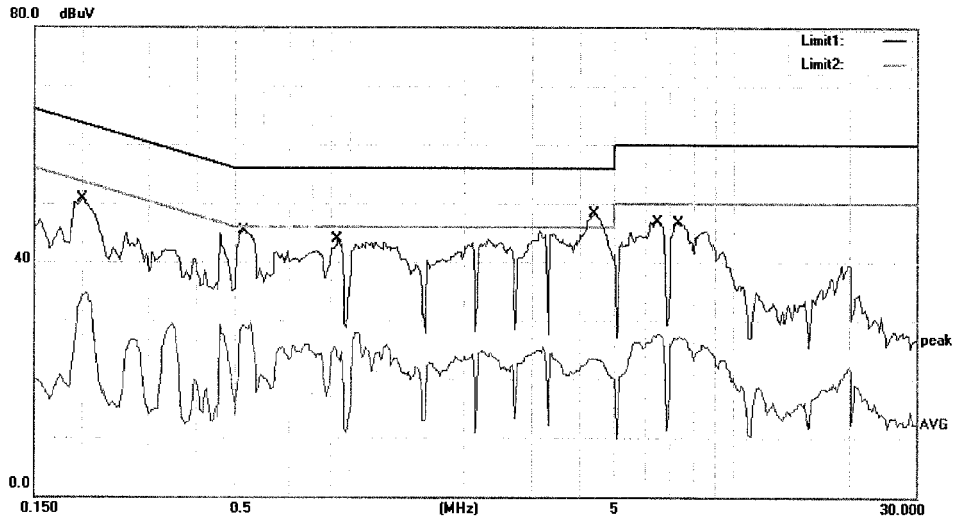
Input Voltage : AC 120V, 60Hz
Operation Mode : A
Earthing : Not Connected
Ambient temperature : 26°C
Relative humidity : 55%
Atmospheric pressure : 101kPa

For details refer to following test plot.

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Conducted Emission Measurement

File :TUV Data #777 Date: 2015/08/24



Site Conduction #2 Phase: **L1** Temperature: 26
 Limit: (CE)FCC PART 15 class C_QP Power: AC 120V/60Hz Humidity: 55 %
 EUT: MID
 M/N: MID 1016-MA
 Mode: WIFI 5G
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.2000	50.63	0.00	50.63	63.61	-12.98	QP	
2		0.2000	34.72	0.00	34.72	53.61	-18.89	AVG	
3		0.5300	45.26	0.00	45.26	56.00	-10.74	QP	
4		0.5300	29.47	0.00	29.47	46.00	-16.53	AVG	
5		0.9350	44.00	0.00	44.00	56.00	-12.00	QP	
6		0.9350	25.99	0.00	25.99	46.00	-20.01	AVG	
7	*	4.4050	48.36	0.00	48.36	56.00	-7.64	QP	
8		4.4050	23.53	0.00	23.53	46.00	-22.47	AVG	
9		6.4600	46.94	0.00	46.94	60.00	-13.06	QP	
10		6.4600	27.75	0.00	27.75	50.00	-22.25	AVG	
11		7.3300	46.68	0.00	46.68	60.00	-13.32	QP	
12		7.3300	27.23	0.00	27.23	50.00	-22.77	AVG	

*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator:

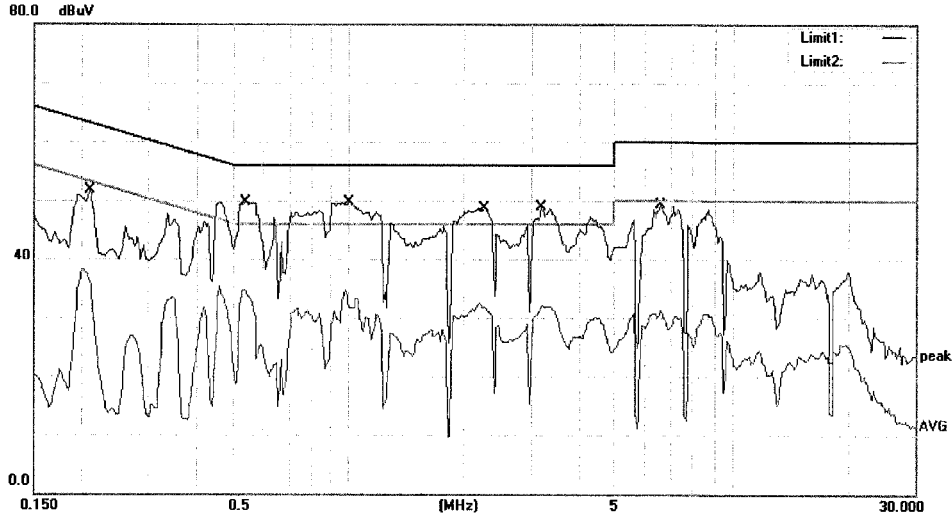
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Conducted Emission Measurement

File :TUV Data :#778 Date: 2015/08/24



Site Conduction #2 Phase: **N** Temperature: 26
 Limit: (CE)FCC PART 15 class C_QP Power: AC 120V/60Hz Humidity: 55 %
 EUT: MID
 M/N: MID 1016-MA
 Mode: WIFI 5G
 Note:

No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	0.2100	51.64	0.00	51.64	63.21	-11.57	QP	
2	0.2100	38.31	0.00	38.31	53.21	-14.90	AVG	
3 *	0.5350	49.76	0.00	49.76	56.00	-6.24	QP	
4	0.5350	34.78	0.00	34.78	46.00	-11.22	AVG	
5	1.0000	49.75	0.00	49.75	56.00	-6.25	QP	
6	1.0000	34.68	0.00	34.68	46.00	-11.32	AVG	
7	2.2500	48.76	0.00	48.76	56.00	-7.24	QP	
8	2.2500	32.42	0.00	32.42	46.00	-13.58	AVG	
9	3.1750	48.95	0.00	48.95	56.00	-7.05	QP	
10	3.1750	32.02	0.00	32.02	46.00	-13.98	AVG	
11	6.5921	49.25	0.00	49.25	60.00	-10.75	QP	
12	6.5921	31.25	0.00	31.25	50.00	-18.75	AVG	

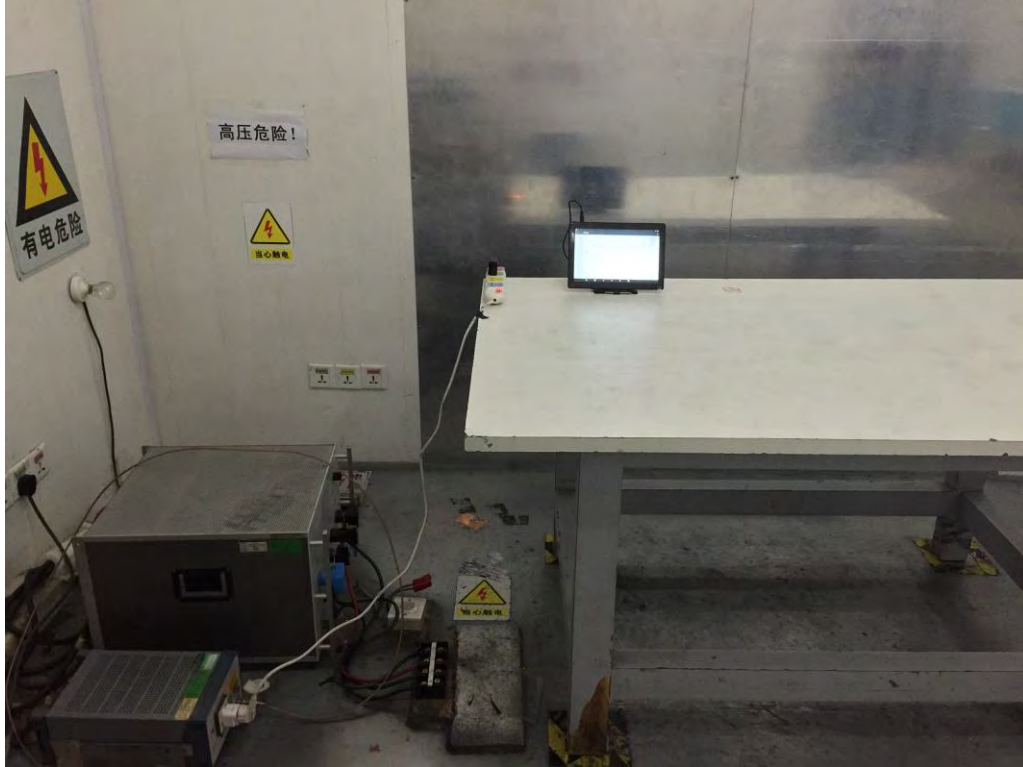
*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator:

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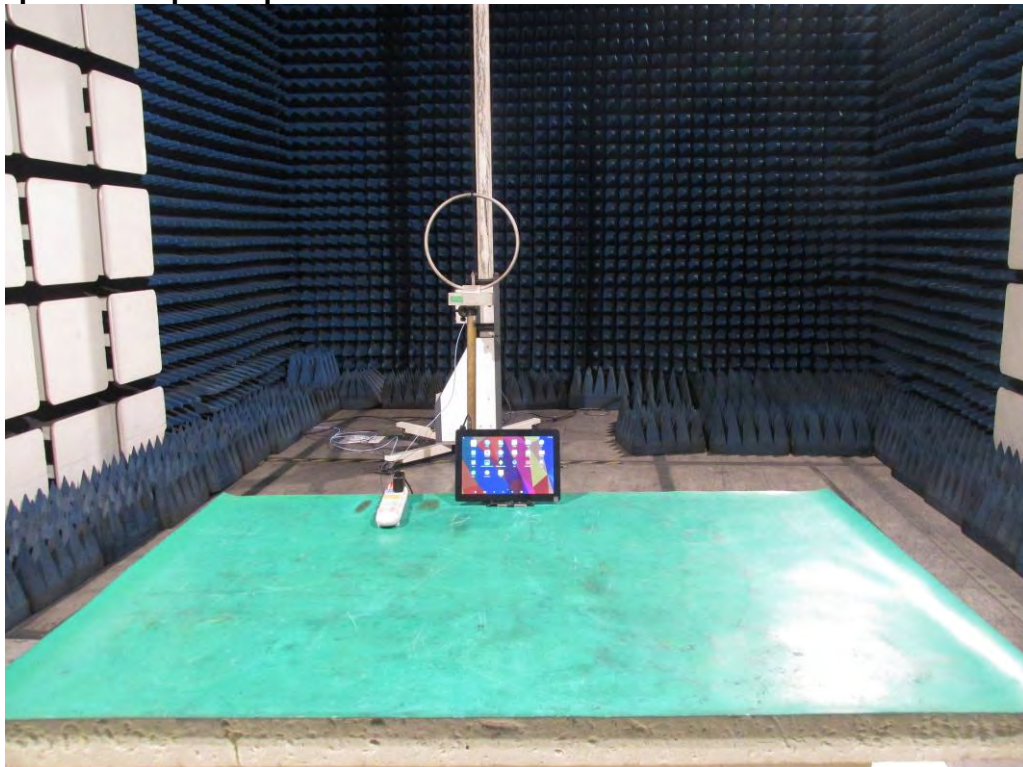
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6. Photographs of the Test Set-Up

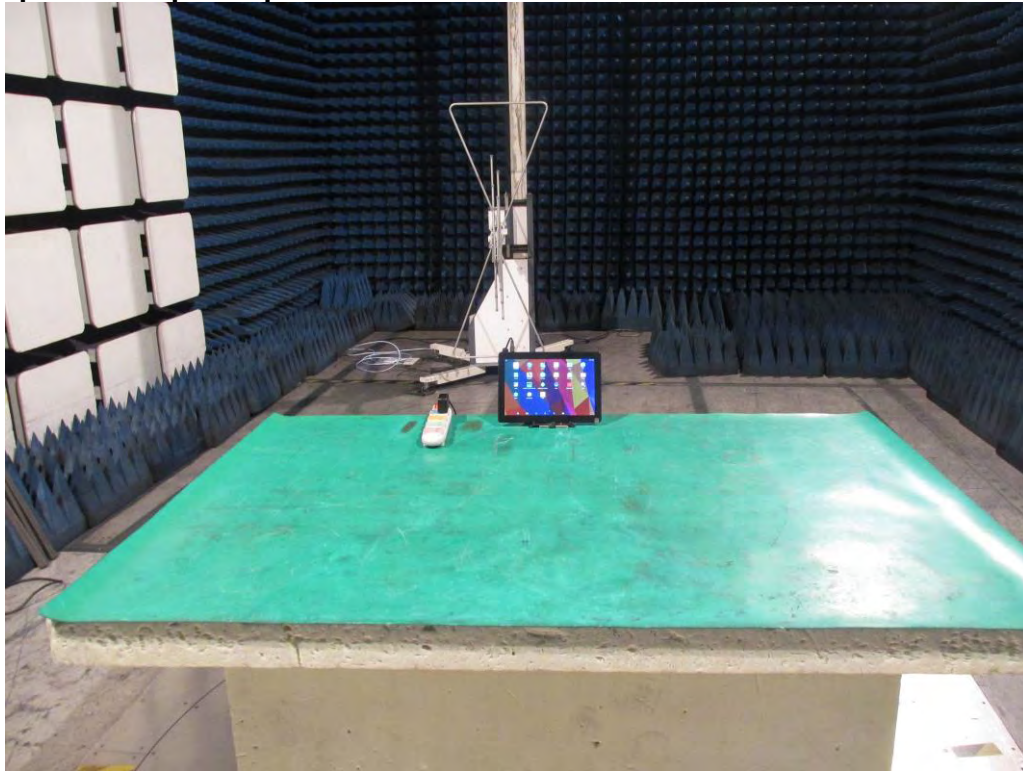
Photograph 1: Set-up for Conducted Emissions



Photograph 2: Set-up for Spurious Emissions for below 30MHz



Photograph 3: Set-up for Spurious Emissions for 30 - 1000MHz



Photograph 4: Set-up for Spurious Emissions for 1 - 18GHz



Photograph 5: Set-up for Spurious Emissions for 18 - 40GHz



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