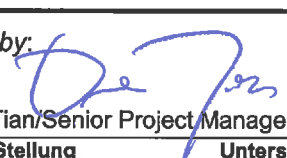


Prüfbericht-Nr.: <i>Test Report No.:</i>	17052521 001	Auftrags-Nr.: <i>Order No.:</i>	164044450	Seite 1 von 138 <i>Page 1 of 138</i>
Kunden-Referenz-Nr.: <i>Client Reference No.:</i>	N/A	Auftragsdatum: <i>Order date:</i>	07.09.2015	
Auftraggeber: <i>Client:</i>	Shenzhen Zowee Technology Co., Ltd. Science & Technology Industrial Park of Privately Owned Enterprises, Pingshan, Xili, Nanshan District, Shenzhen, China			
Prüfgegenstand: <i>Test item:</i>	Tablet PC			
Bezeichnung / Typ-Nr.: <i>Identification / Type No.:</i>	NS-P11W6100			
Auftrags-Inhalt: <i>Order content:</i>	FCC/IC 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 RSS-247 Issue 1 May 2015 RSS-Gen Issue 4 November 2014			
Wareneingangsdatum: <i>Date of receipt:</i>	05.09.2015			
Prüfmuster-Nr.: <i>Test sample No.:</i>	A000248673-001, A000248673-002, A000248673-003			
Prüfzeitraum: <i>Testing period:</i>	09.09.2015 - 09.09.2015			
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:	
29.09.2015	Owen Tian/Senior Project Manager		29.09.2015	Sam Lin/Technical Certifier
Datum <i>Date</i>	Name / Stellung <i>Name / Position</i>	Unterschrift <i>Signature</i>	Datum <i>Date</i>	Name / Stellung <i>Name / Position</i>
				Unterschrift <i>Signature</i>
Sonstiges / Other:	FCC ID: 2AAP6ZM1100B1 IC: 8257A-NSP11W6100			
Zustand des Prüfgegenstandes bei Anlieferung: <i>Condition of the test item at delivery:</i>	Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged</i>			
* Legende:	1 = sehr gut	2 = gut	3 = befriedigend	4 = ausreichend
	5 = mangelhaft	P(ass) = entspricht o.g. Prüfgrundlage(n)	F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	N/A = nicht anwendbar
	N/T = nicht getestet			
Legend:	1 = very good	2 = good	3 = satisfactory	4 = sufficient
	5 = poor	P(ass) = passed a.m. test specification(s)	F(ail) = failed a.m. test specification(s)	N/A = not applicable
				N/T = not tested
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <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>				

v04

TEST SUMMARY

5.1.1 ANTENNA REQUIREMENT*RESULT: Pass***5.1.2 PEAK OUTPUT POWER***RESULT: Pass***5.1.3 20dB BANDWIDTH AND 99% BANDWIDTH***RESULT: Pass***5.1.4 6dB BANDWIDTH AND 99% 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*

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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)

(Test site Industry Canada No.: 4480A-4)

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 EUT is 11.6" windows tablet with Wi-Fi, Bluetooth function.
 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	Tablet
Type Designation	NS-P11W6100
FCC ID	2AAP6ZM1100B1
IC	8257A-NSP11W6100
Operating Frequency band	2402 – 2480MHz
Channel separation	1MHz
Extreme Temperature Range	-30~+75°C
Operation Voltage	DC 3.7V (via built in battery) DC 5.2V (via AC/DC adapter)
Modulation	FHSS, GFSK, 8DPSK, $\pi/4$ DQPSK
Bluetooth version	4.0, Dual Mode
Antenna Gain	1.6dBi

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

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	Tablet
Type Designation	NS-P11W6100
FCC ID	2AAP6ZM1100B1
IC	8257A-NSP11W6100
Operating Frequency band	2402 – 2480MHz
Channel separation	2MHz
Extreme Temperature Range	-30~+75°C
Operation Voltage	DC 3.7V (via built in battery) DC 5.2V (via AC/DC adapter)
Modulation	GFSK
Bluetooth version	4.0, Dual Mode
Antenna Gain	1.6dBi

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. Transmitting, hopping mode
 - c. 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
- 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.

4.3 Special Accessories and Auxiliary Equipment

The EUT was tested together with the following accessories:

Description	Manufacturer	Part No.	Rating
AC/DC Adapter	GLOBAL YEOU DIANN ELECTRIC INDUSTRIAL CO., LTD.	AMS135-0522000FU	Input: AC 100-240V, 50/60Hz, 0.5A Output: DC 5.2V, 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 of below 1GHz

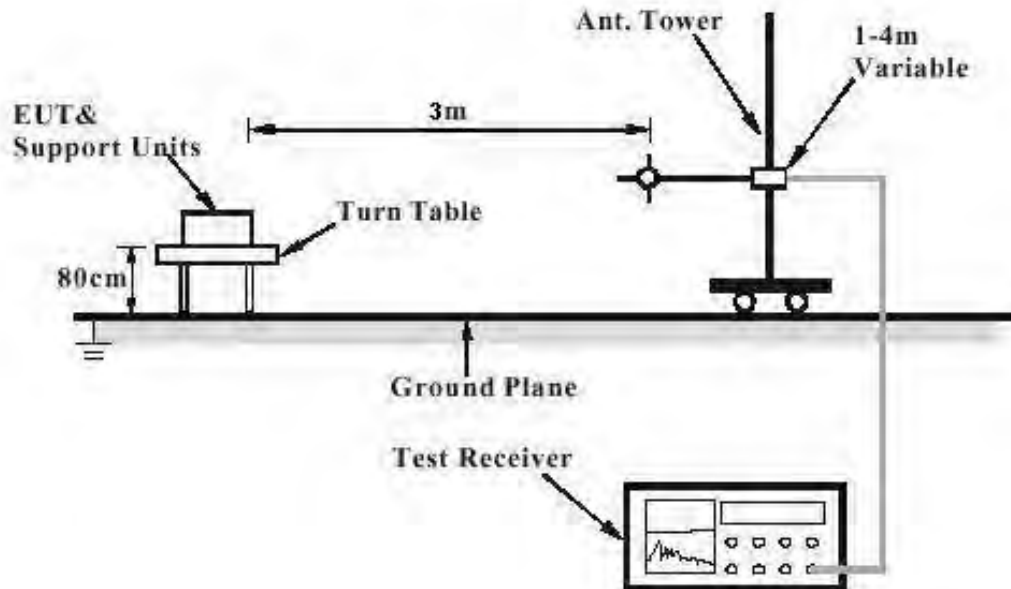


Diagram of Measurement Configuration for Radiation Test of above 1GHz

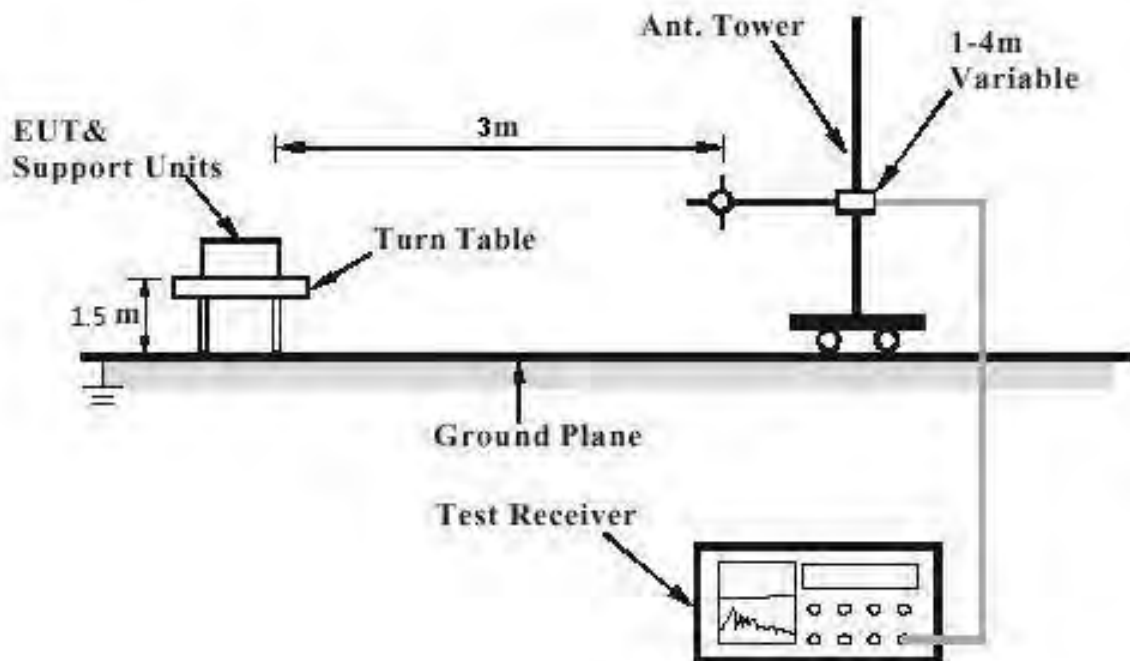


Diagram of Measurement Equipment Configuration for Conduction Measurement

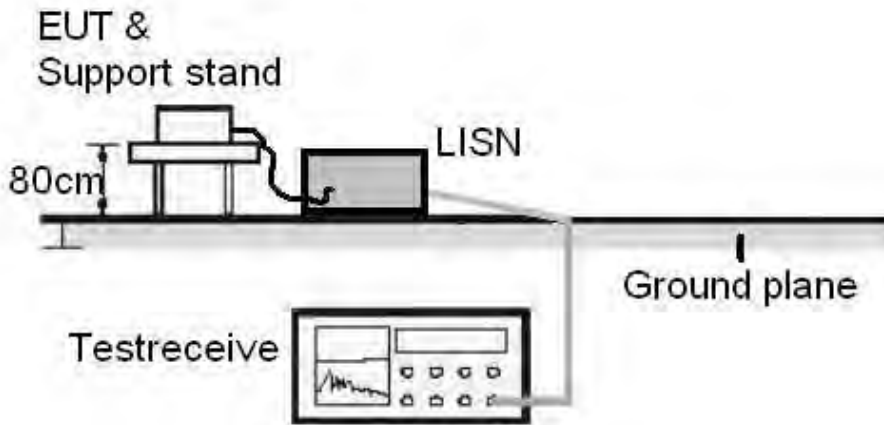
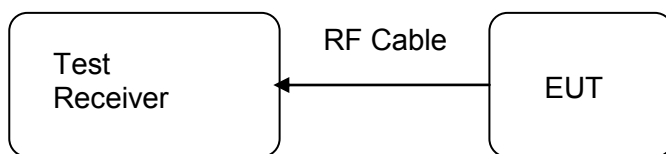


Diagram of Measurement Equipment Configuration for Transmitter Measurement



5. Test Results

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

RESULT:**Pass**

Test standard : Part 15.203
RSS-Gen Clause 8.3
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 1.6dBi, 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 : 2015-09-10
 Test standard : FCC Part 15.247(b)(1)
 FCC Part 15.247(b)(3)
 RSS-247 clause 5.4(2)
 RSS-247 clause 5.4(4)
 Basic standard : ANSI C63.10: 2013
 Clause 9.1 of KDB 558074 v03r03
 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 Buletooth (BDR mode)

Channel	Channel Frequency (MHz)	Peak Output Power	Limit
		(dBm)	(dBm)
Low Channel	2402	-1.388	21
Middle Channel	2441	-0.344	21
High Channel	2480	-0.027	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	-2.235	21
Middle Channel	2441	-1.799	21
High Channel	2480	-1.618	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	2.691	30
Middle Channel	2440	2.525	30
High Channel	2480	2.478	30

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5.1.3 20dB Bandwidth and 99% Bandwidth

RESULT:
Pass

Date of testing : 2015-09-10
 Test standard : FCC Part 15.247(a)(1)
 : RSS-247 clause 5.1(2)
 : RSS-Gen clause 6.6
 Basic standard : ANSI C63.10: 2013
 : Clause 8 of KDB 558074 v03r03
 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 & 99% Bandwidth of BDR mode

Channel	Channel Frequency (MHz)	20dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low Channel	2402	0.966	0.894
Mid Channel	2441	0.965	0.896
High Channel	2480	0.968	0.895

Table 11: Test result of 20dB & 99% Bandwidth of EDR mode

Channel	Channel Frequency (MHz)	20dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low Channel	2402	1.314	1.177
Mid Channel	2441	1.321	1.178
High Channel	2480	1.321	1.177

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*Page 18 of 138***5.1.5 Conducted Spurious Emissions measured in 100kHz Bandwidth****RESULT:****Pass**

Date of testing : 2015-09-10
Test standard : FCC part 15.247(d)
RSS-247 clause 5.5
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


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5.1.7 Spurious Emission

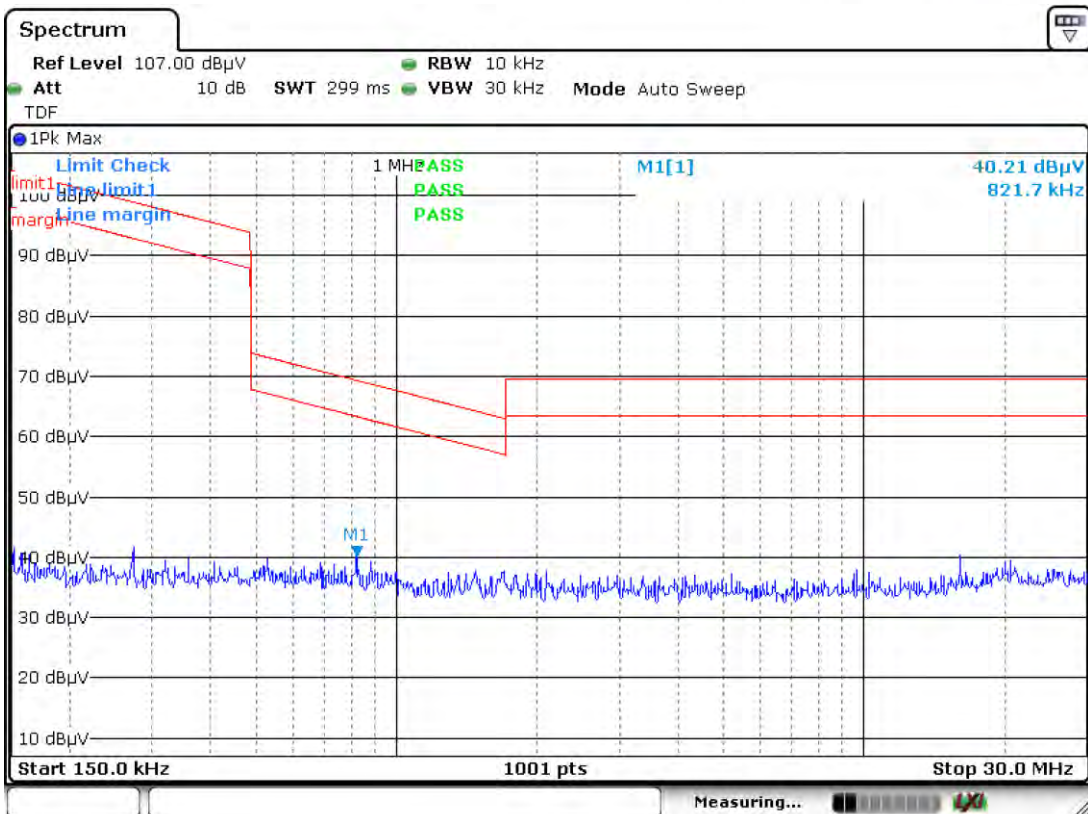
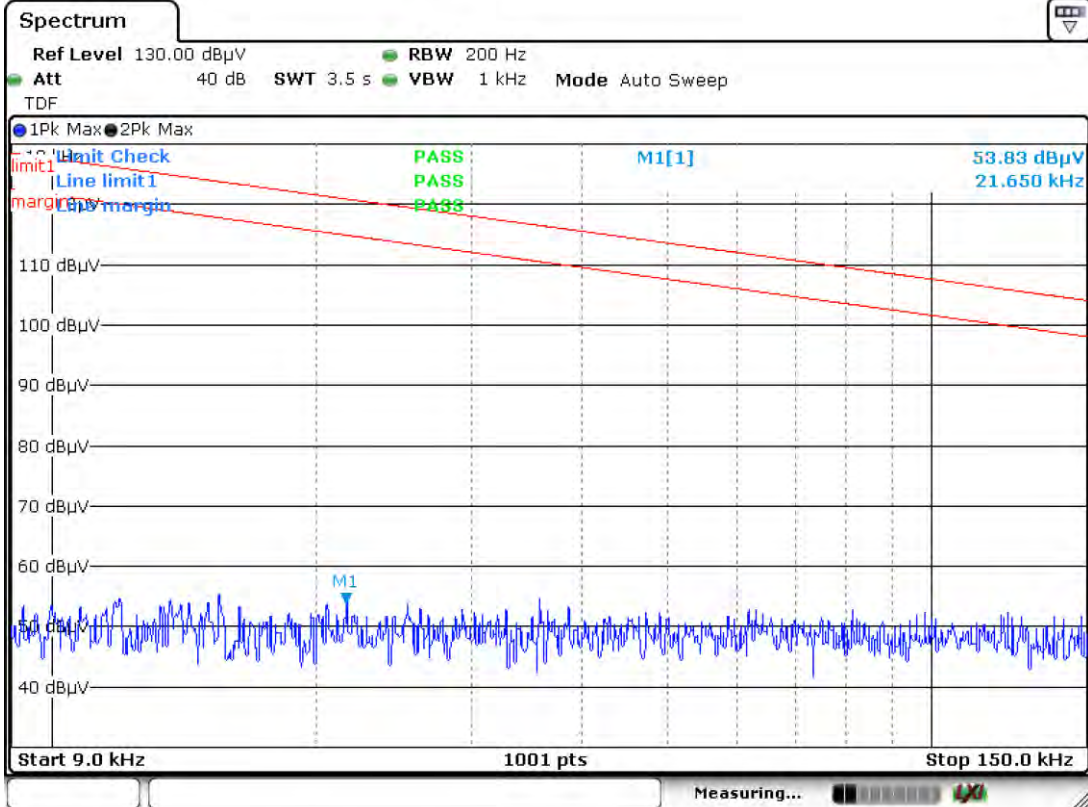
RESULT:**Pass**

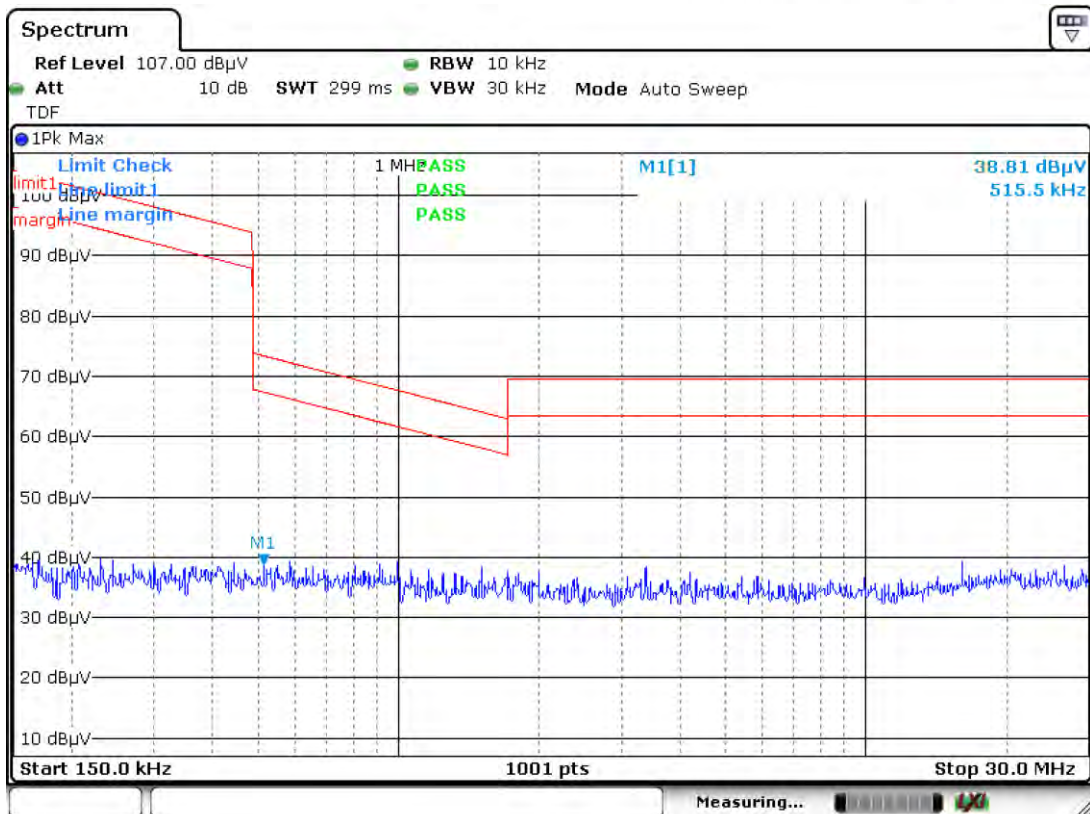
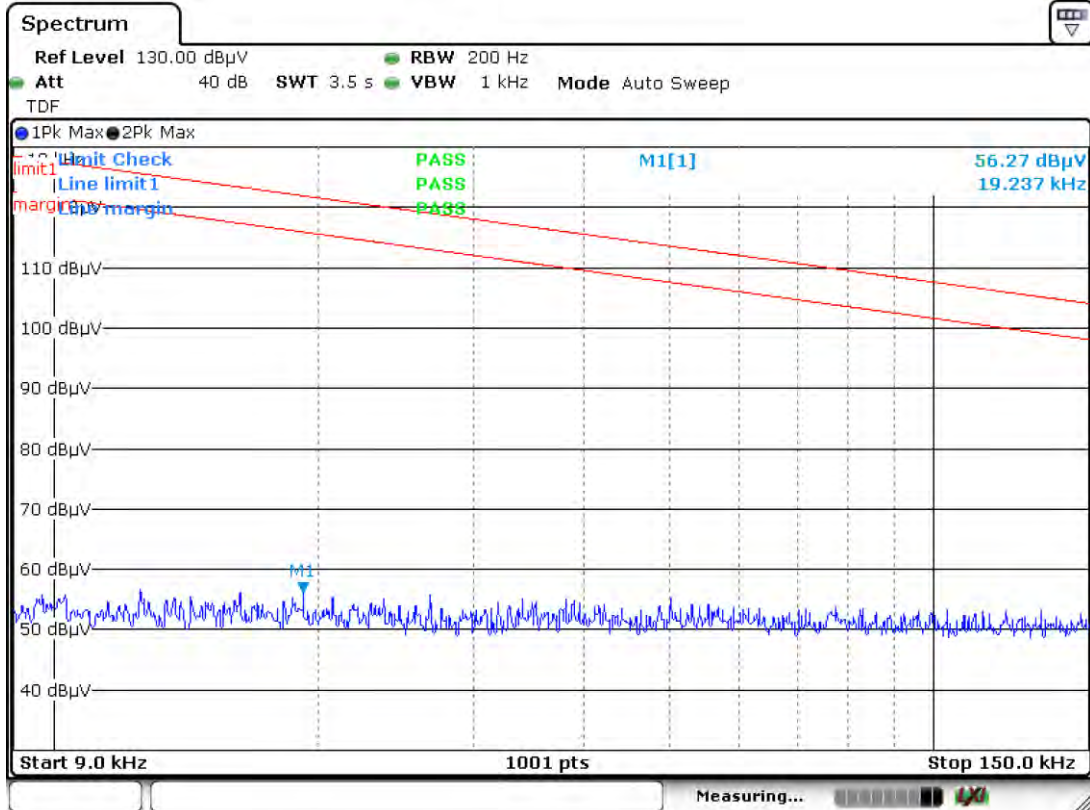
Date of testing : 2015-09-14
Test standard : FCC part 15.247(d)
RSS-247 clause 3.3
Basic standard : ANSI C63.10: 2013
Clause 11 of KDB 558074 v03r03
Limits : FCC part 15.209(a)
Kind of test site : 3m Semi-Anechoic Chamber & Anechoic Chamber

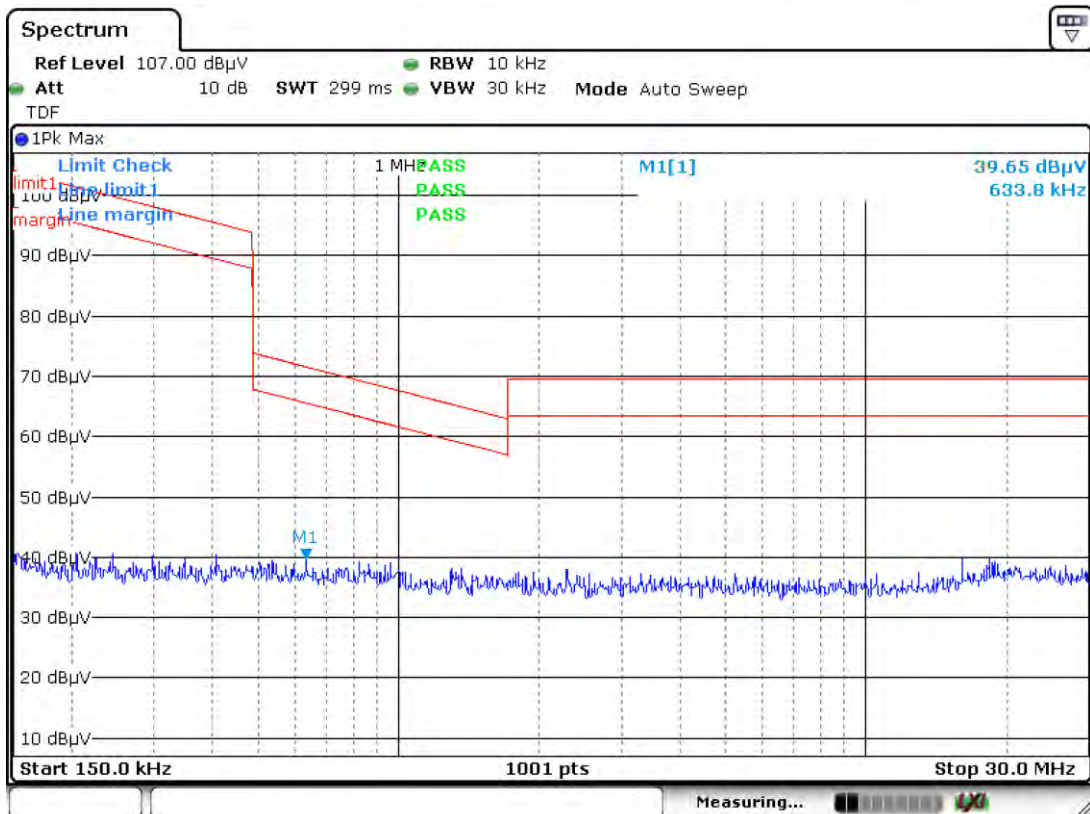
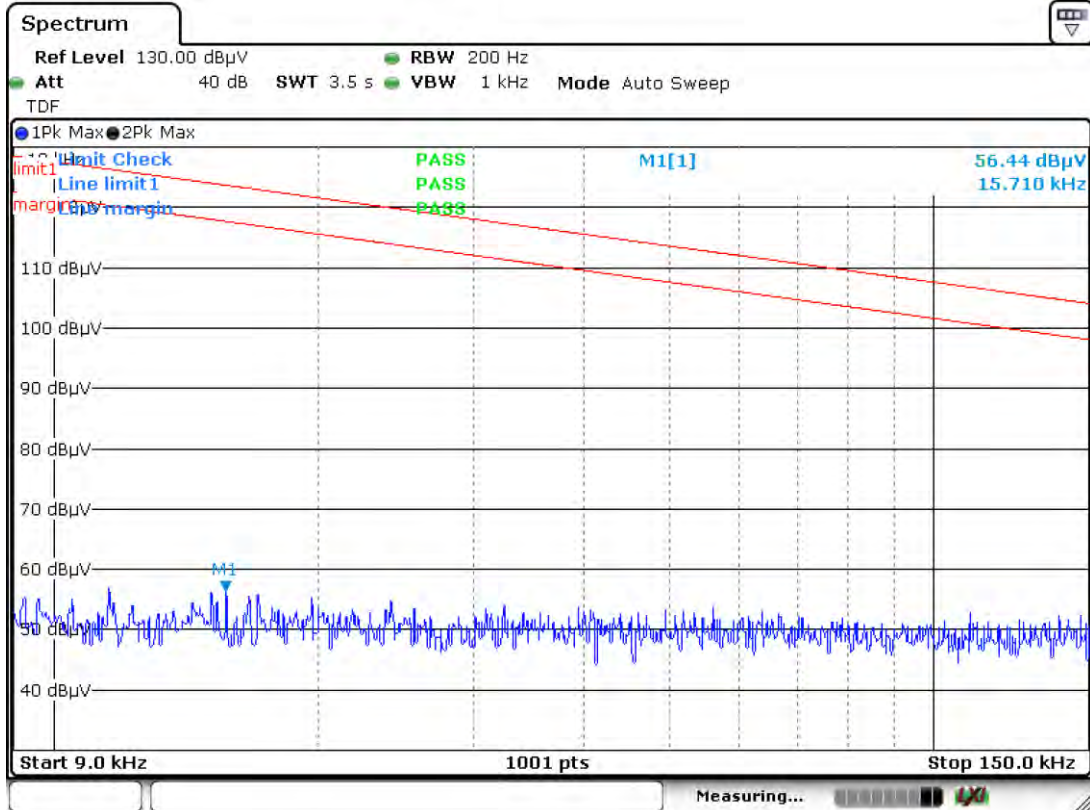
Test setup

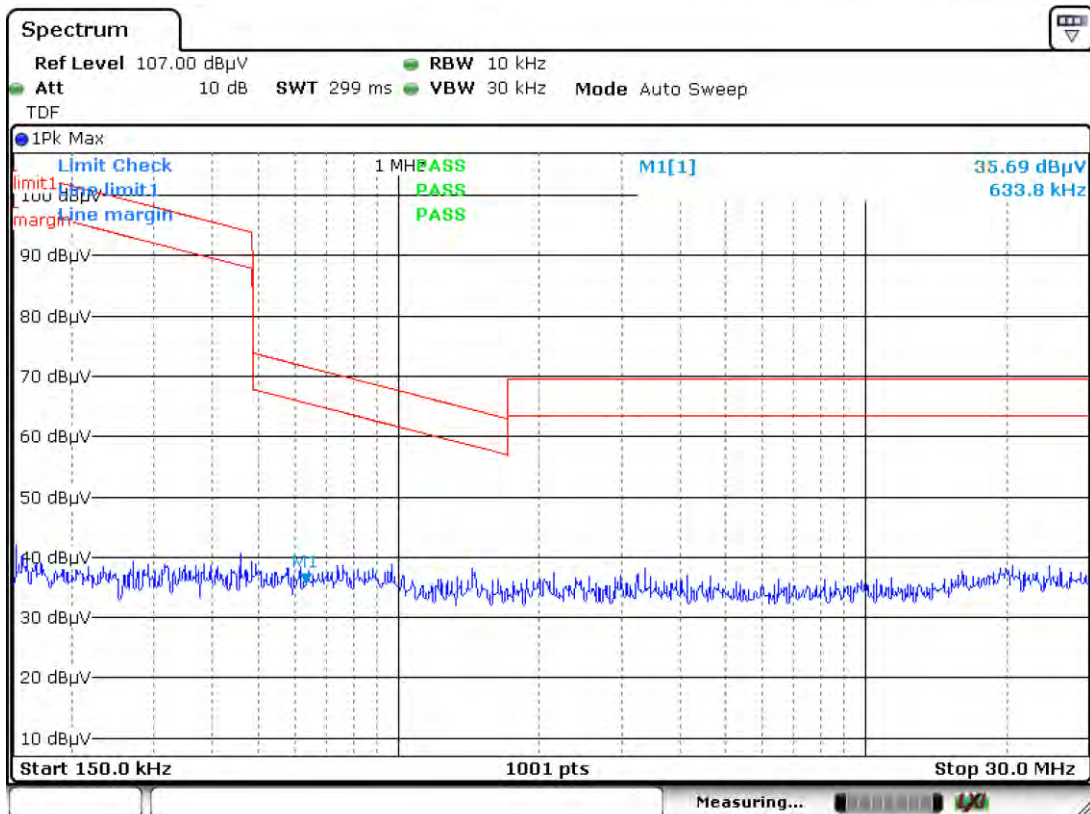
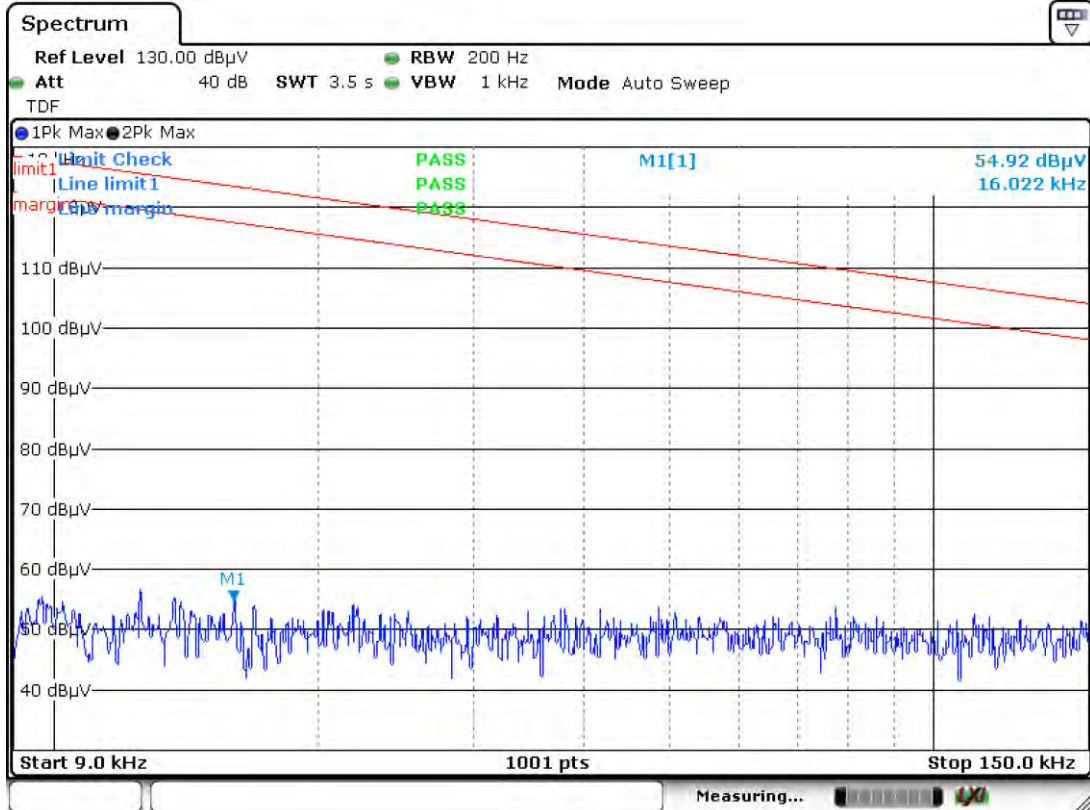
Test Channel : Low/ Middle/ High
Operation mode : A.1.a, A.2.a
Ambient temperature : 24°C
Relative humidity : 53%
Atmospheric pressure : 101kPa

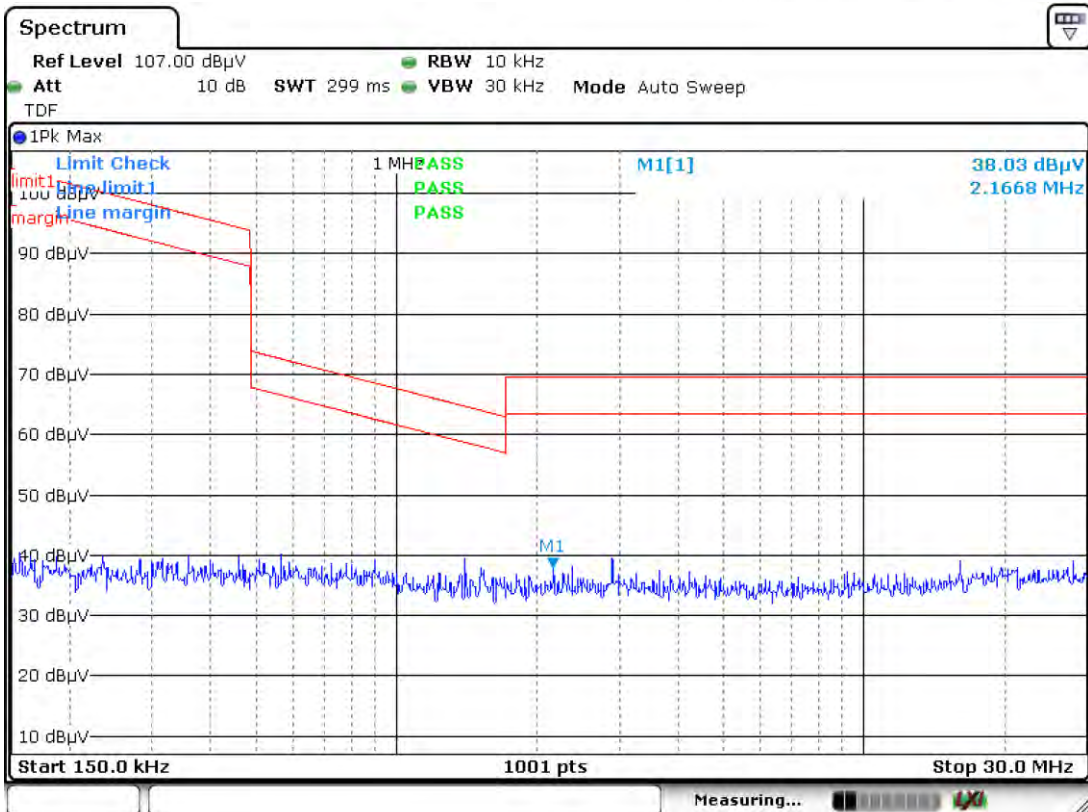
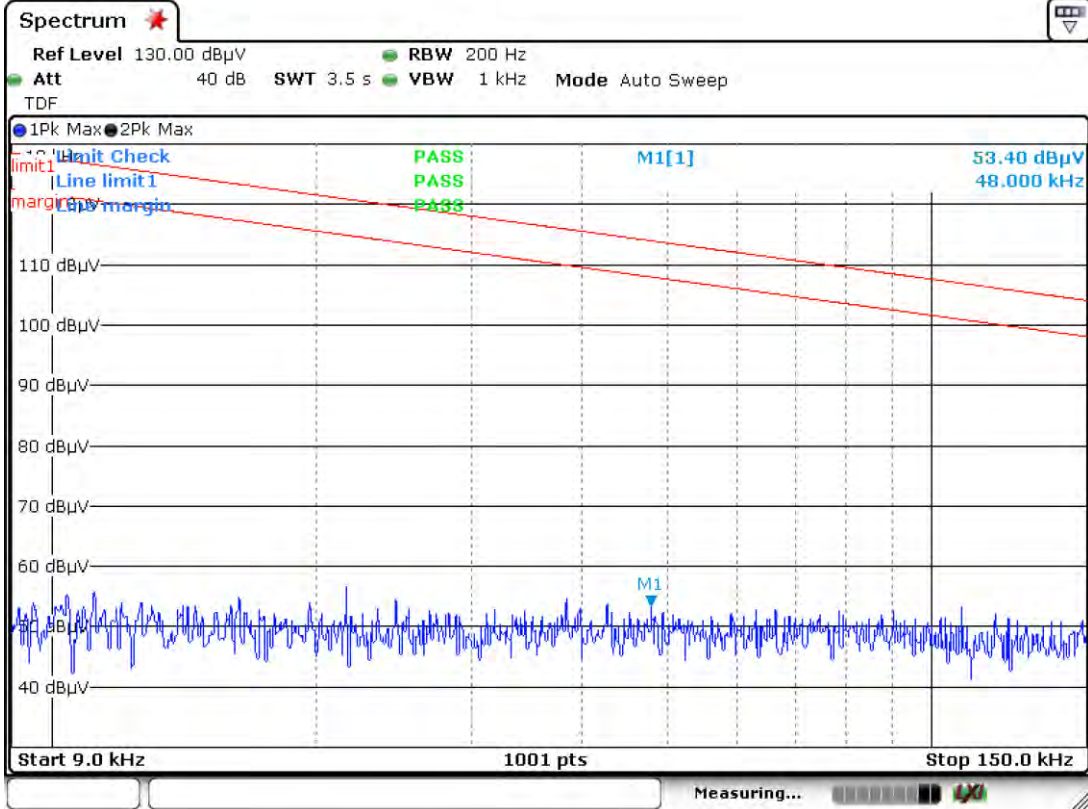
For details refer to following test plot.

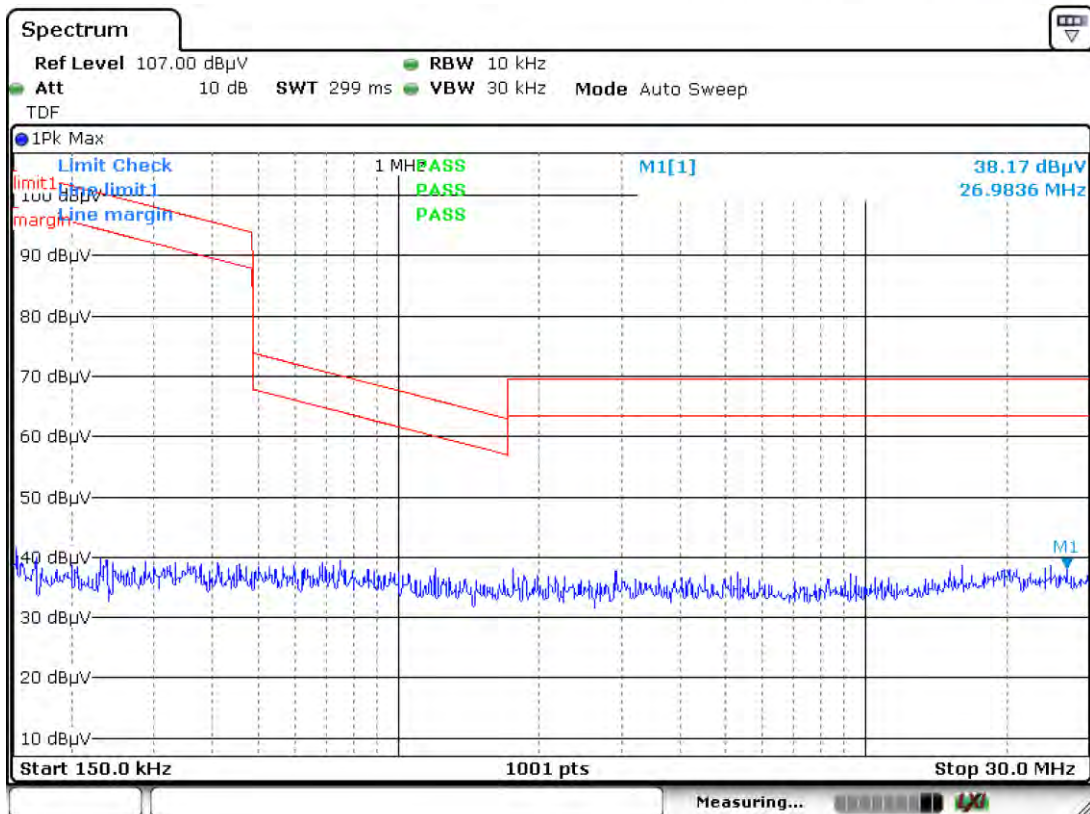
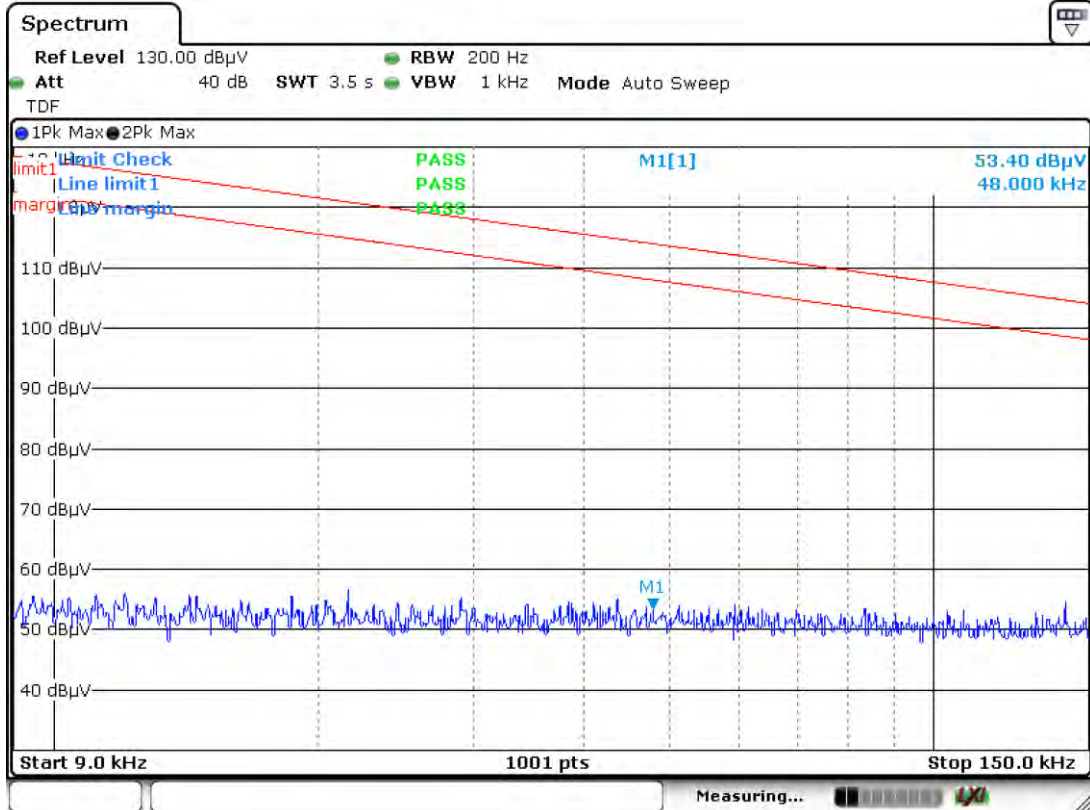
Test Plot of 2402MHz-X of BDR mode


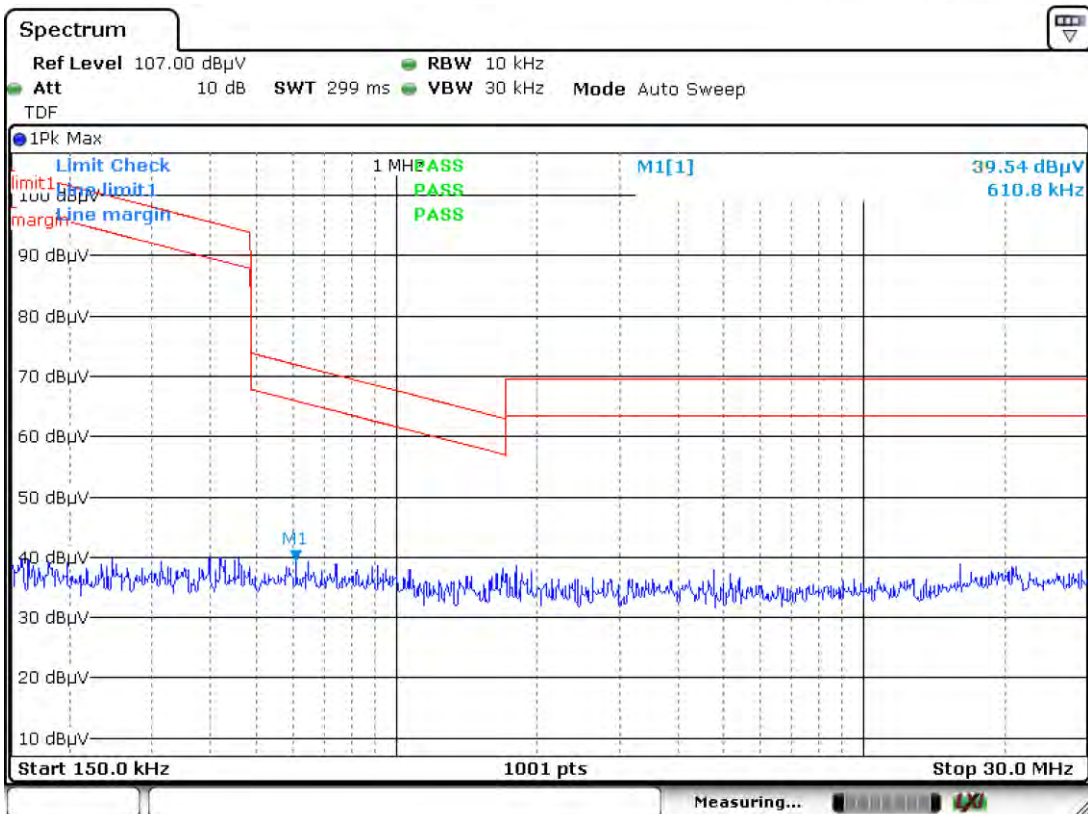
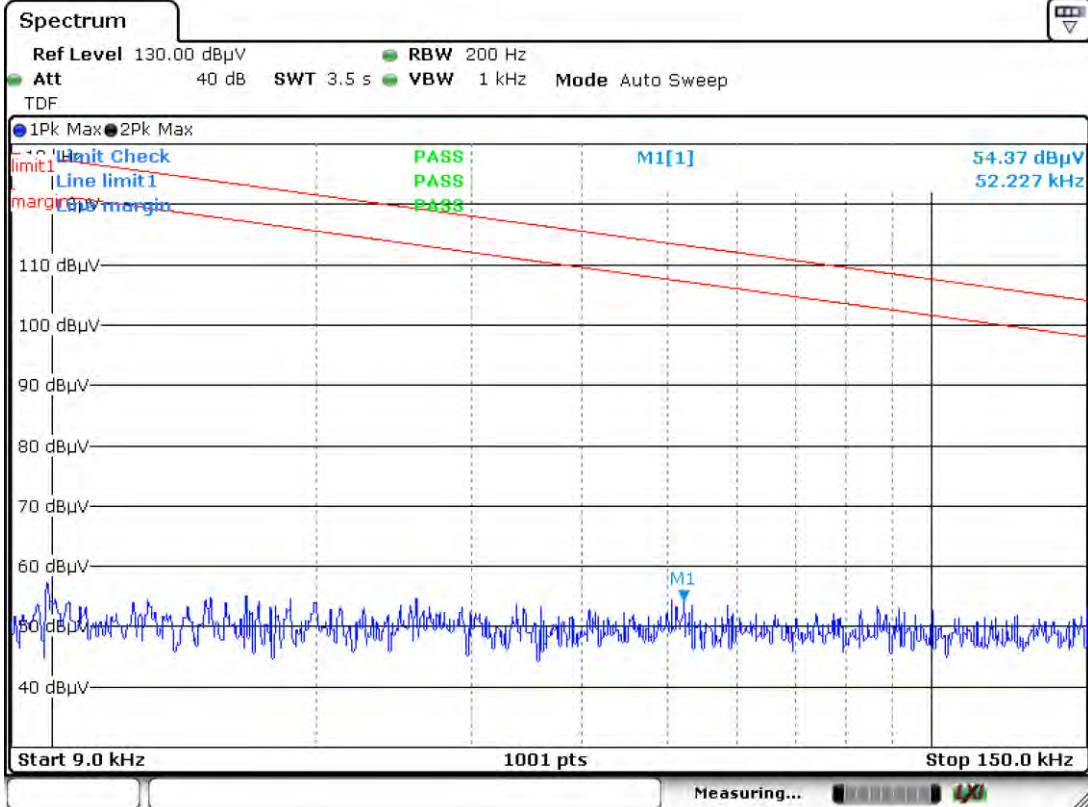
Test Plot of 2402MHz-Y of BDR mode


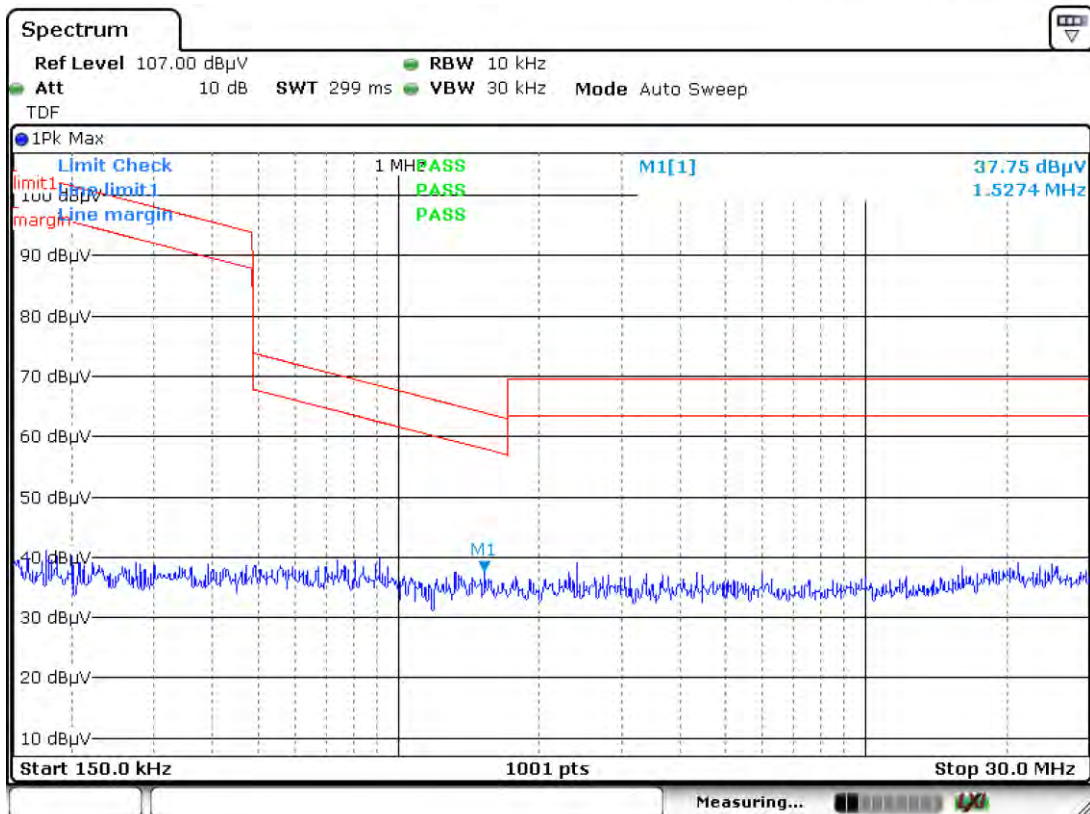
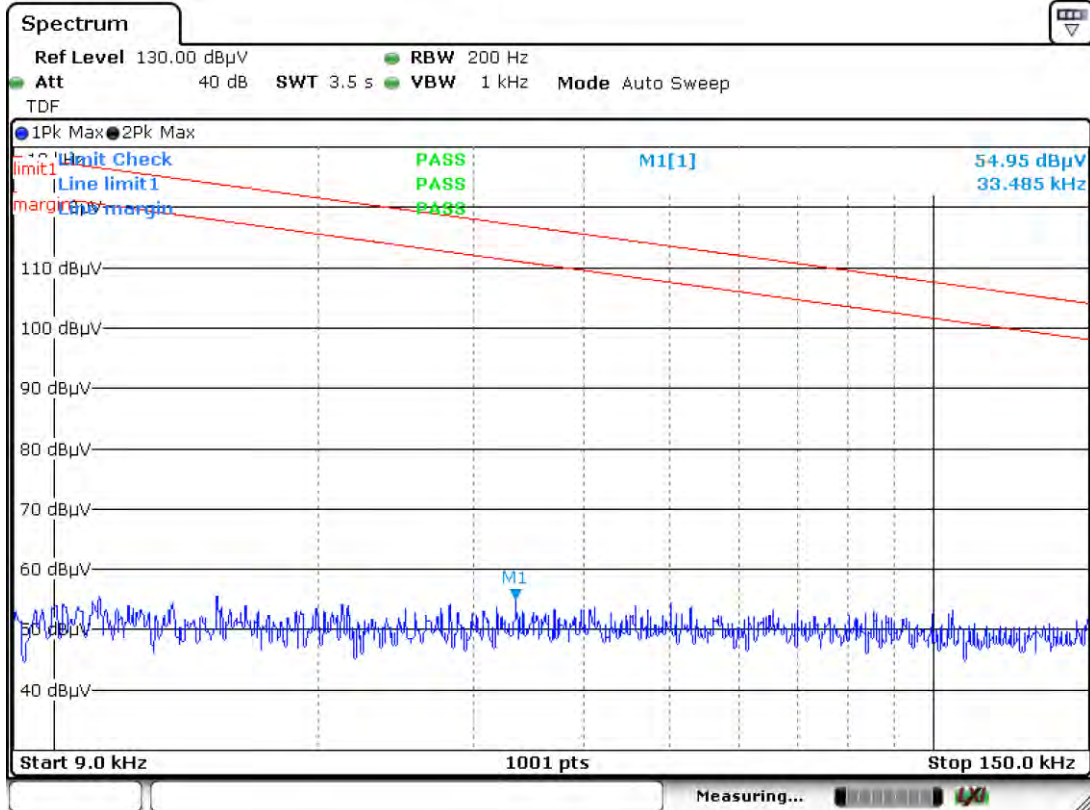
Test Plot of 2402MHz-Z of BDR mode


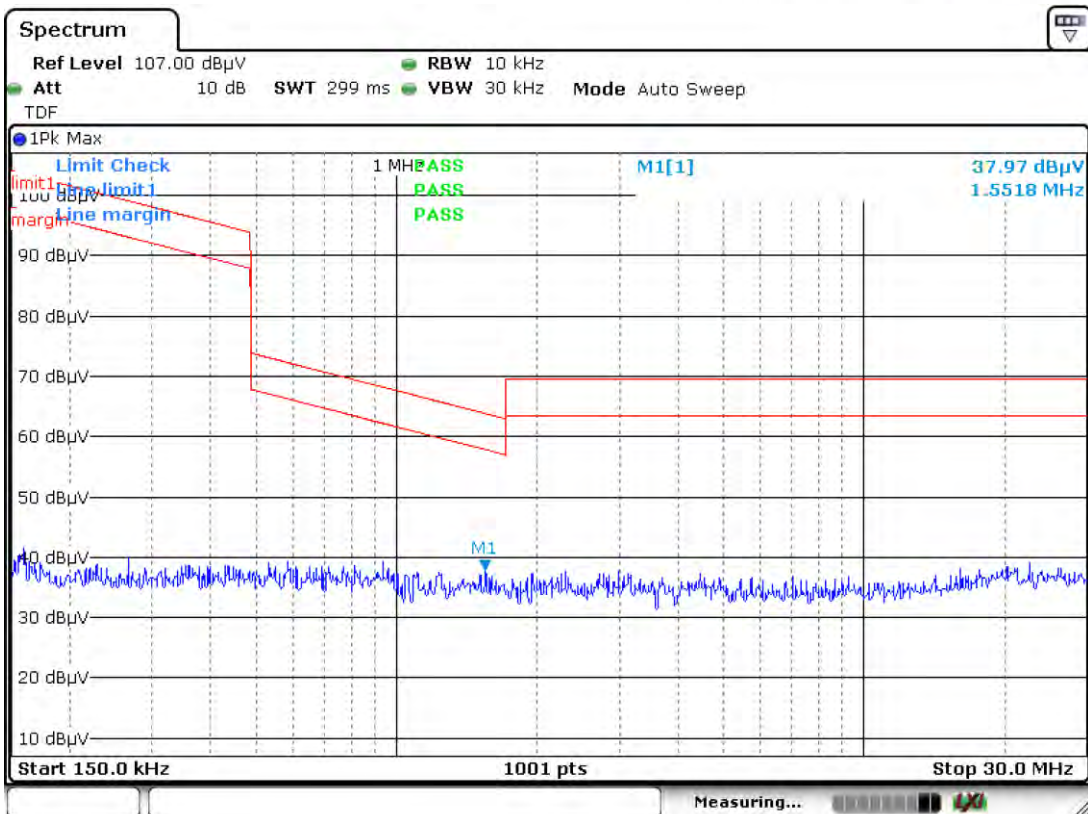
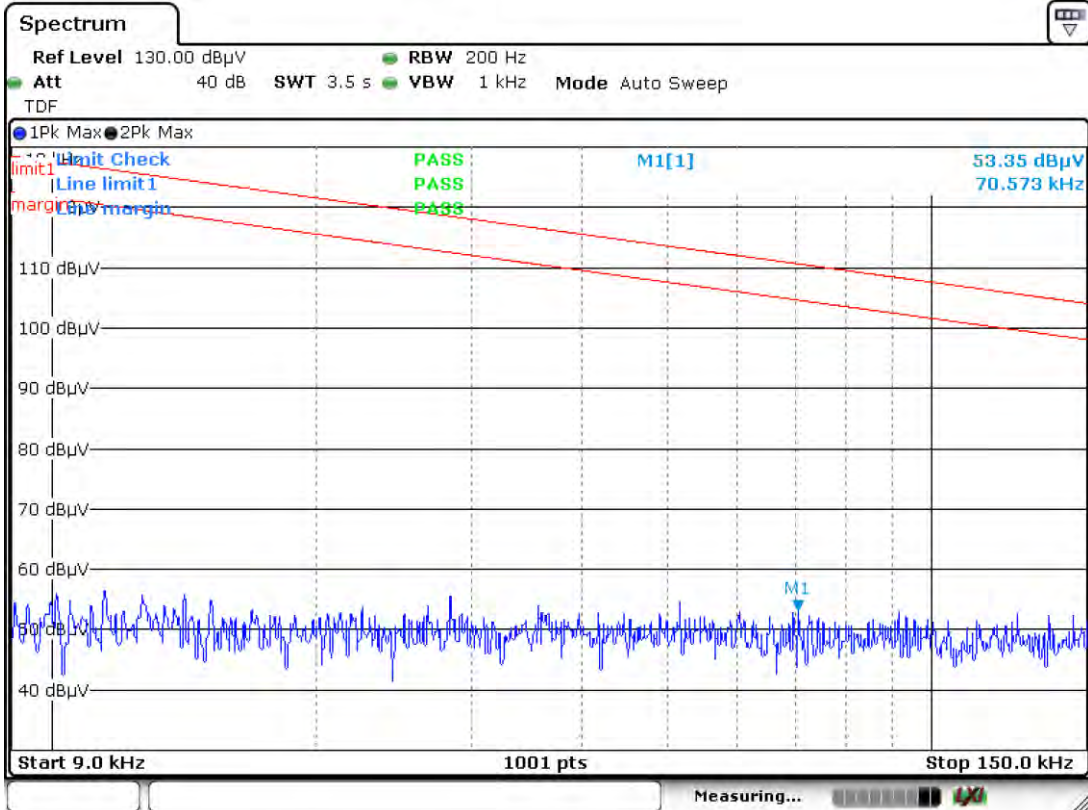
Test Plot of 2441MHz-X of BDR mode


Test Plot of 2441MHz-Y of BDR mode


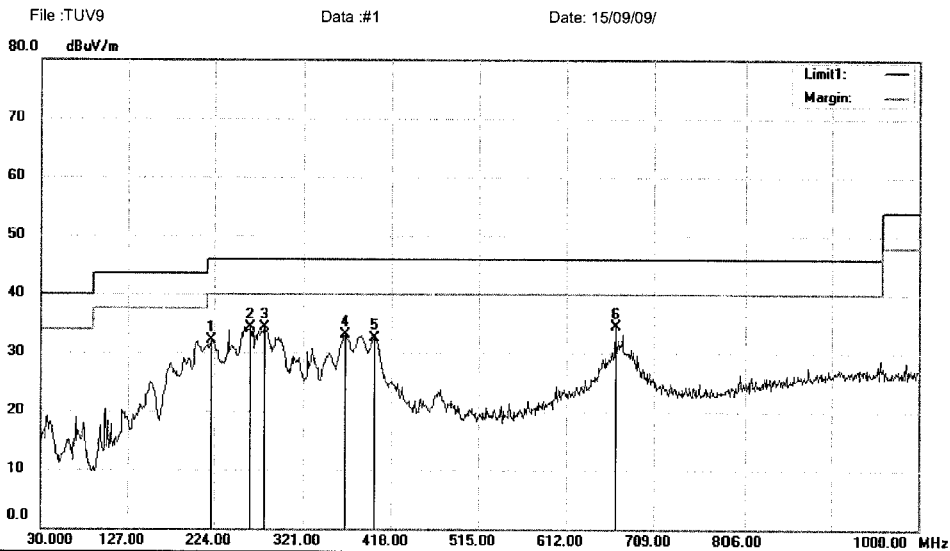
Test Plot of 2441MHz-Z of BDR mode


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


Site 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 Limit: (RE)FCC PART 15.247 Power: AC 120V/60Hz Humidity: 53 %
 EUT: Tablet PC
 M/N: NS-P11W6100
 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	Detector	Comment
1	220.1200	48.42	-16.35	32.07	46.00	-13.93	QP			
2	263.7700	47.15	-12.75	34.40	46.00	-11.60	QP			
3	278.3200	46.81	-12.59	34.22	46.00	-11.78	QP			
4	366.5900	43.63	-10.49	33.14	46.00	-12.86	QP			
5	398.6000	41.52	-8.95	32.57	46.00	-13.43	QP			
6 *	666.3200	40.75	-6.33	34.42	46.00	-11.58	QP			

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

Operator: KK

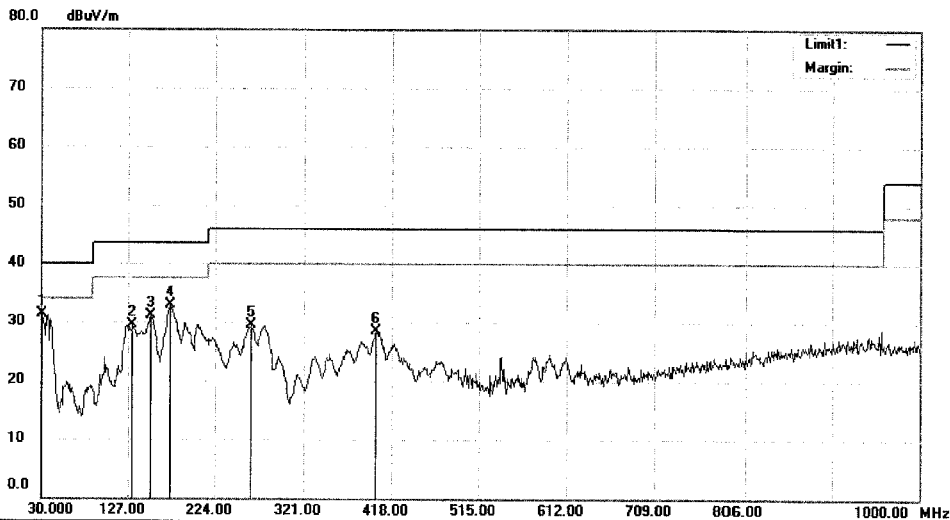
File :TUV9\Data :#1

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Radiated Emission Measurement

File:TUV9 Data:#2 Date:15/09/09/



Site 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
 Limit: (RE)FCC PART 15.247 Power: AC 120V/60Hz Humidity: 53 %
 EUT: Tablet PC
 M/N: NS-P11W6100
 Mode:GFSK 2402
 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	*	30.0000	47.80	-16.46	31.34	40.00	-8.66	QP		
2		131.8500	46.89	-17.36	29.53	43.50	-13.97	QP		
3		152.2200	49.30	-18.24	31.06	43.50	-12.44	QP		
4		174.5300	52.22	-19.22	33.00	43.50	-10.50	QP		
5		263.7700	42.23	-12.75	29.48	46.00	-16.52	QP		
6		400.5400	37.34	-8.89	28.45	46.00	-17.55	QP		

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

Operator: KK

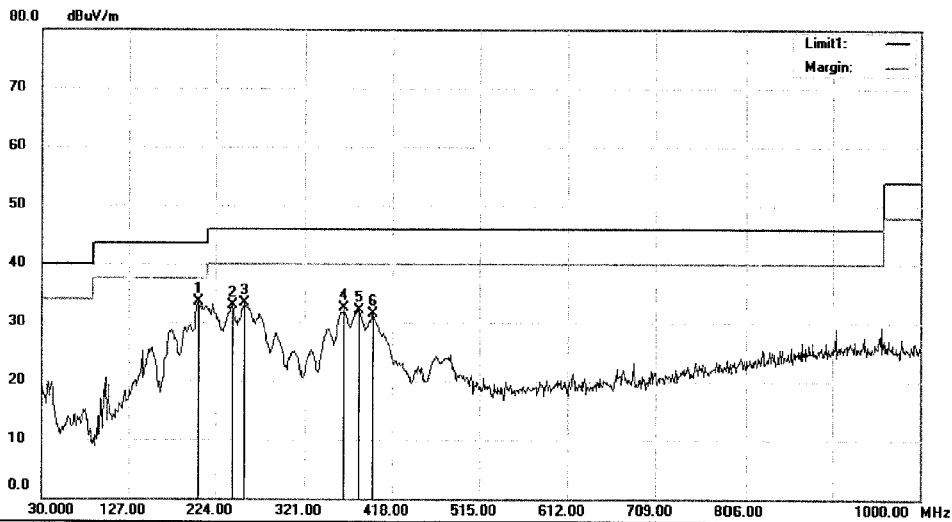
File:TUV9\Data:#2

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Radiated Emission Measurement

File:TUV9 Data:#3 Date:15/09/09/



Site 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 Limit: (RE)FCC PART 15.247 Power: AC 120V/60Hz Humidity: 53 %
 EUT: Tablet PC
 M/N: NS-P11W6100
 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	*	204.6000	49.94	-16.40	33.54	43.50	-9.96	QP		
2		242.4300	46.62	-13.71	32.91	46.00	-13.09	QP		
3		256.0100	46.34	-13.01	33.33	46.00	-12.67	QP		
4		364.6500	42.97	-10.56	32.41	46.00	-13.59	QP		
5		381.1400	42.03	-9.94	32.09	46.00	-13.91	QP		
6		396.6600	40.55	-9.05	31.50	46.00	-14.50	QP		

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

Operator: KK

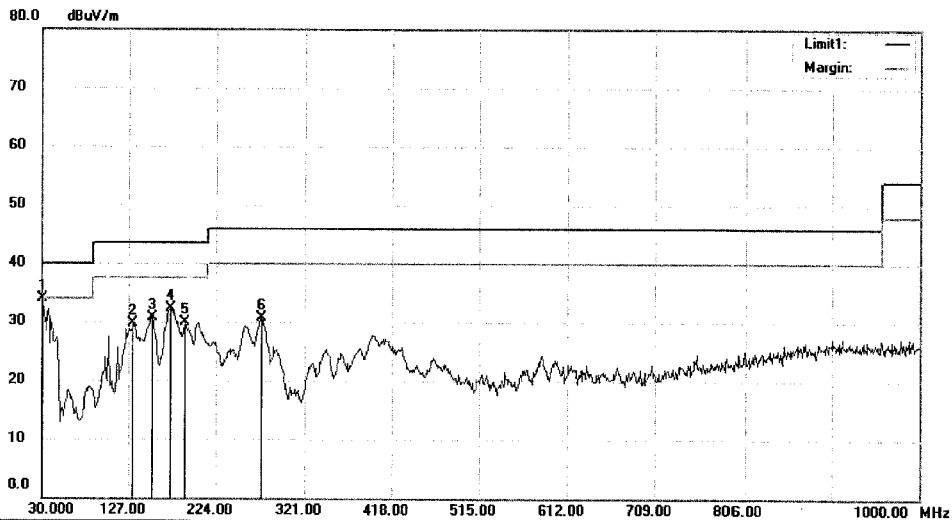
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Radiated Emission Measurement

File :TUV9 Data :#4 Date: 15/09/09/



Site 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
 Limit: (RE)FCC PART 15.247 Power: AC 120V/60Hz Humidity: 53 %
 EUT: Tablet PC
 M/N: NS-P11W6100
 Mode:GFSK 2441
 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	*	30.0000	50.27	-16.46	33.81	40.00	-6.19	QP		
2		131.8500	47.04	-17.36	29.68	43.50	-13.82	QP		
3		153.1900	49.09	-18.29	30.80	43.50	-12.70	QP		
4		174.5300	51.61	-19.22	32.39	43.50	-11.11	QP		
5		190.0500	47.09	-17.28	29.81	43.50	-13.69	QP		
6		273.4700	43.29	-12.64	30.65	46.00	-15.35	QP		

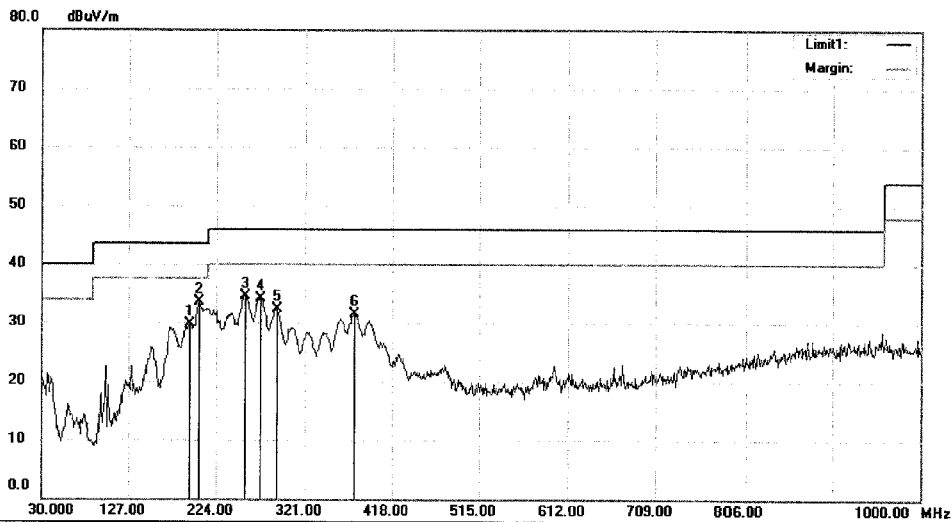
*:Maximum data x:Over limit !:over margin

Operator: KK

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Radiated Emission Measurement

File:TUV9 Data:#5 Date: 15/09/09/



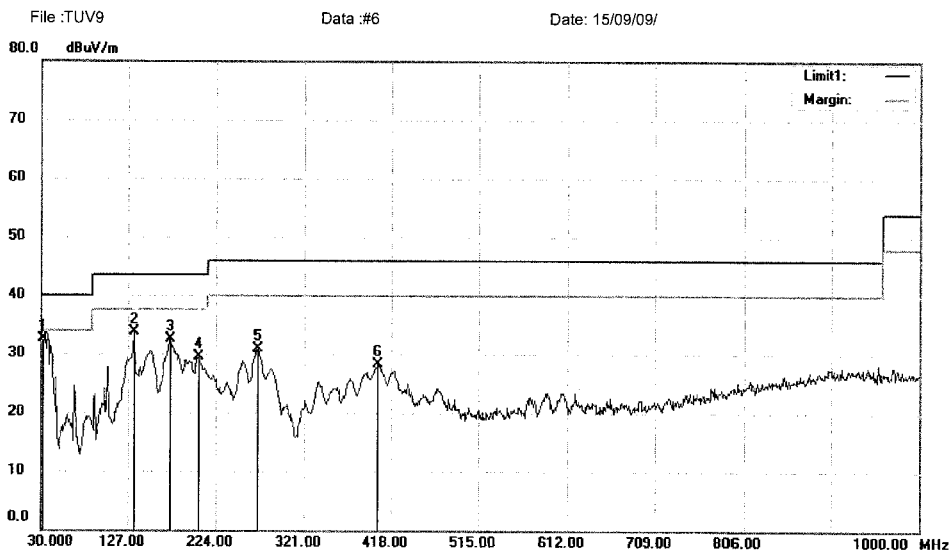
Site: 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 Limit: (RE)FCC PART 15.247 Power: AC 120V/60Hz Humidity: 53 %
 EUT: Tablet PC
 M/N: NS-P11W6100
 Mode:GFSK 2480
 Note:

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		194.9000	46.62	-16.85	29.77	43.50	-13.73	QP		
2	*	205.5700	49.93	-16.39	33.54	43.50	-9.96	QP		
3		256.0100	47.56	-13.01	34.55	46.00	-11.45	QP		
4		272.5000	46.69	-12.65	34.04	46.00	-11.96	QP		
5		289.9600	45.48	-13.20	32.28	46.00	-13.72	QP		
6		375.3200	41.71	-10.17	31.54	46.00	-14.46	QP		

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

Operator: KK

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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: Tablet PC

M/N: NS-P11W6100

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	*	31.9400	48.30	-15.81	32.49	40.00	-7.51	QP		
2		133.7900	51.26	-17.46	33.80	43.50	-9.70	QP		
3		173.5600	51.77	-19.26	32.51	43.50	-10.99	QP		
4		204.6000	45.82	-16.40	29.42	43.50	-14.08	QP		
5		269.5900	43.52	-12.69	30.83	46.00	-15.17	QP		
6		403.4500	37.17	-8.96	28.21	46.00	-17.79	QP		

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

Operator: KK

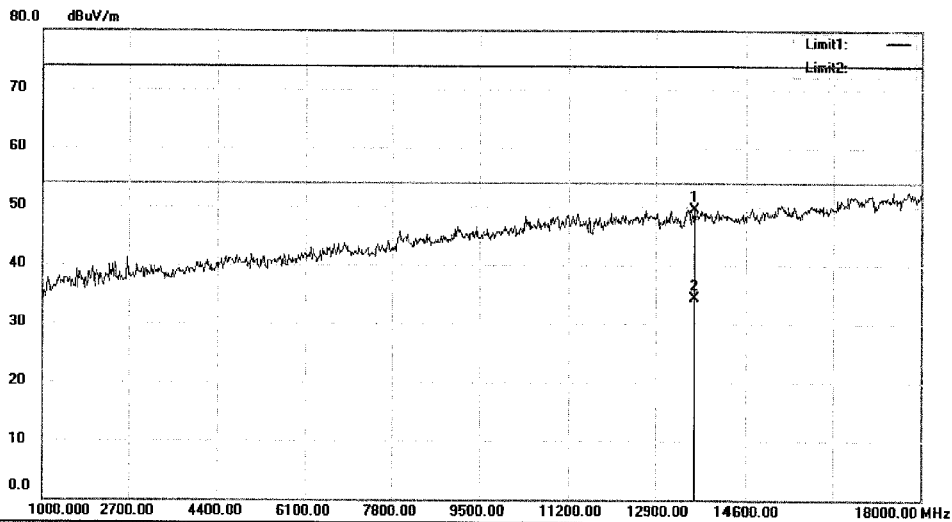
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Radiated Emission Measurement

File:TUV9 Data:#71 Date:15/09/10/



Site 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 Limit: (RE)FCC PART 15.247 Power: AC 120V/60Hz Humidity: 53 %
 EUT: Tablet PC
 M/N: NS-P11W6100
 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		13648.00	46.10	3.49	49.59	74.00	-24.41	peak		
2	*	13648.00	30.74	3.49	34.23	54.00	-19.77	AVG		

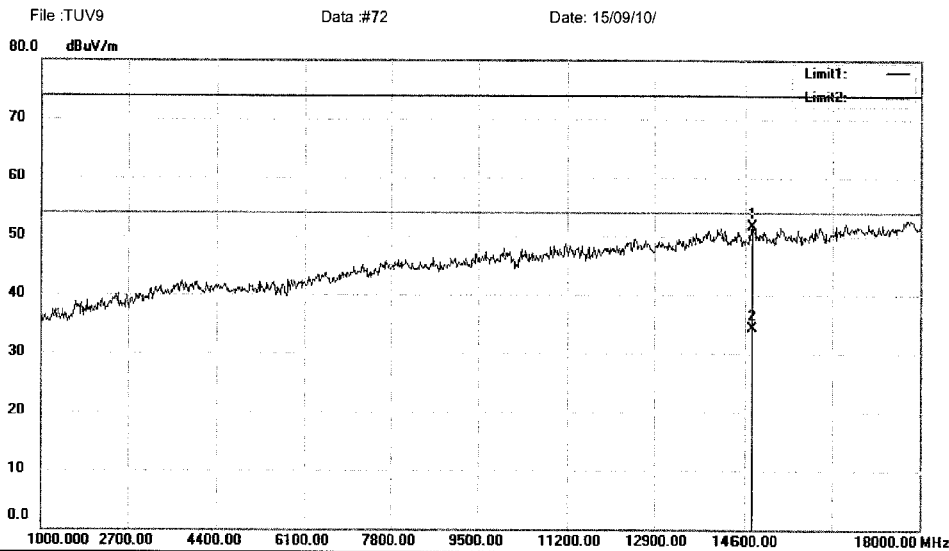
*:Maximum data x:Over limit !:over margin

Operator: KK

File:TUV9\Data:#71

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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: Tablet PC
 M/N: NS-P11W6100
 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		14736.00	47.58	4.09	51.67	74.00	-22.33	peak		
2	*	14736.00	30.27	4.09	34.36	54.00	-19.64	AVG		

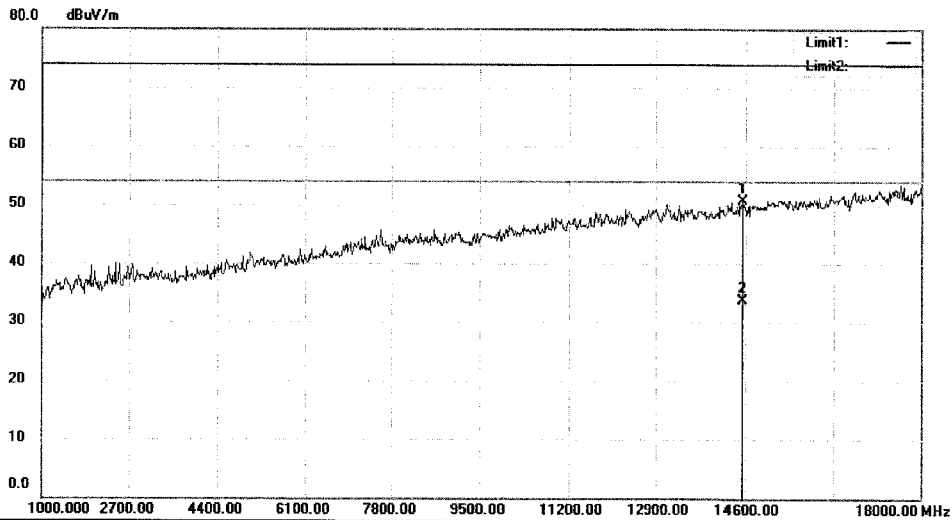
*:Maximum data x:Over limit !:over margin

Operator: KK

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Radiated Emission Measurement

File: TUV9 Data: #73 Date: 15/09/10/



Site: 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 Limit: (RE)FCC PART 15.247 Power: AC 120V/60Hz Humidity: 53 %
 EUT: Tablet PC
 M/N: NS-P11W6100
 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		14549.00	46.32	4.32	50.64	74.00	-23.36	peak		
2	*	14549.00	29.37	4.32	33.69	54.00	-20.31	AVG		

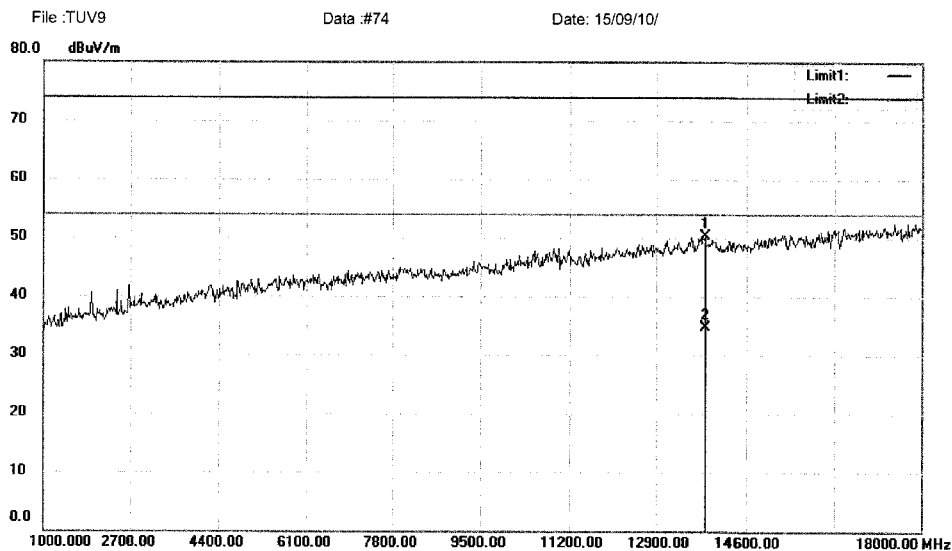
*:Maximum data x:Over limit !:over margin

Operator: KK

File: TUV9\Data :#73

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: Tablet PC
 M/N: NS-P11W6100
 Mode:GFSK 2441
 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		13852.00	46.03	4.36	50.39	74.00	-23.61	peak		
2	*	13852.00	30.29	4.36	34.65	54.00	-19.35	AVG		

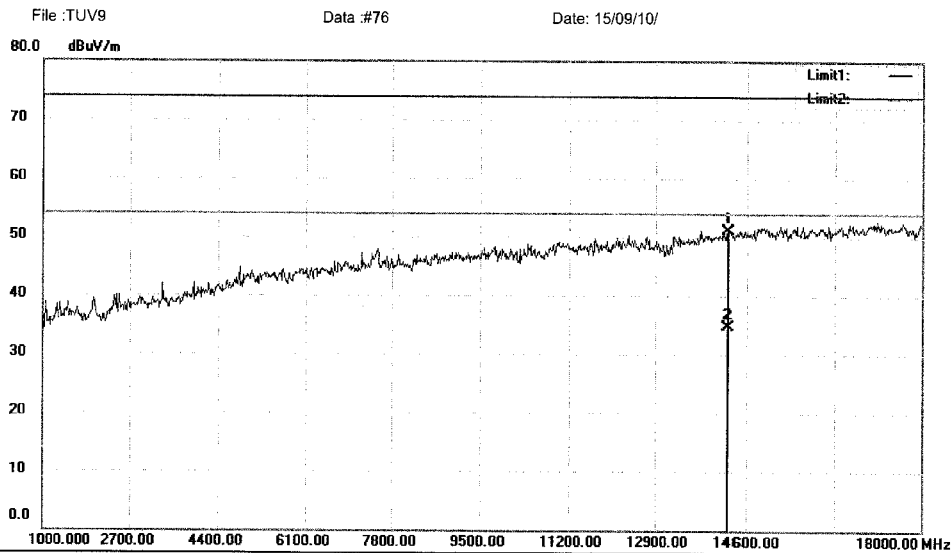
*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV9\Data :#74

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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: Tablet PC
 M/N: NS-P11W6100
 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		14294.00	47.73	3.45	51.18	74.00	-22.82	peak		
2	*	14294.00	31.20	3.45	34.65	54.00	-19.35	AVG		

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

Operator: KK

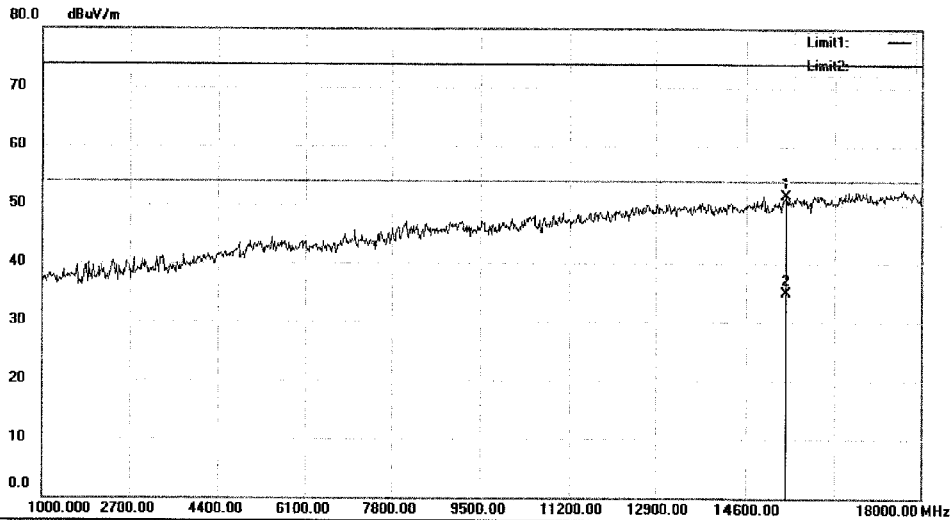
File: TUV9\Data:#76

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Radiated Emission Measurement

File :TUV9 Data :#75 Date: 15/09/10/



Site 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
 Limit: (RE)FCC PART 15.247 Power: AC 120V/60Hz Humidity: 53 %
 EUT: Tablet PC
 M/N: NS-P11W6100
 Mode:GFSK 2480
 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		15365.00	50.40	1.08	51.48	74.00	-22.52	peak		
2	*	15365.00	33.77	1.08	34.85	54.00	-19.15	AVG		

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

Operator: KK

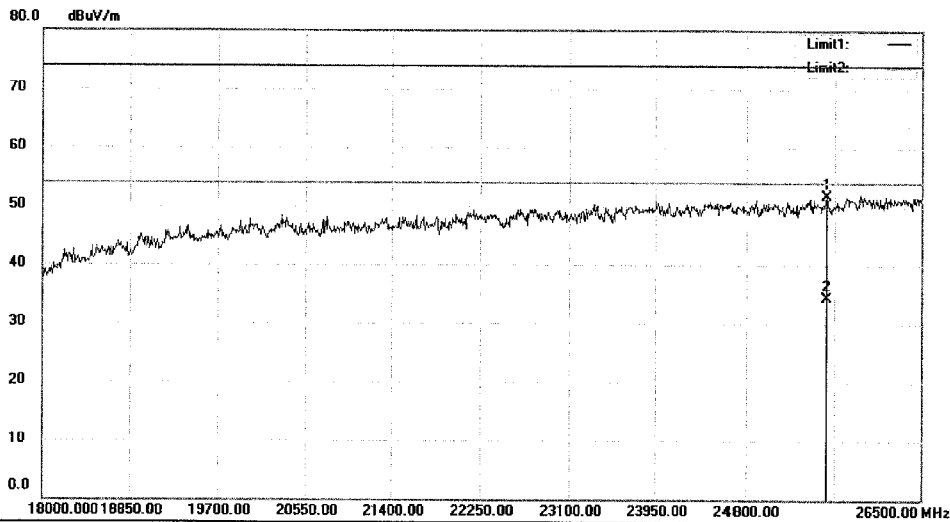
File :TUV9\Data :#75

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Radiated Emission Measurement

File:TUV9 Data:#151 Date:15/09/12/



Site 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 Limit: (RE)FCC PART 15.247 Power: AC 120V/60Hz Humidity: 53 %
 EUT: Tablet PC
 M/N: NS-P11W6100
 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		25573.50	87.94	-36.31	51.63	74.00	-22.37	peak		
2	*	25573.50	70.57	-36.31	34.26	54.00	-19.74	AVG		

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

Operator: KK

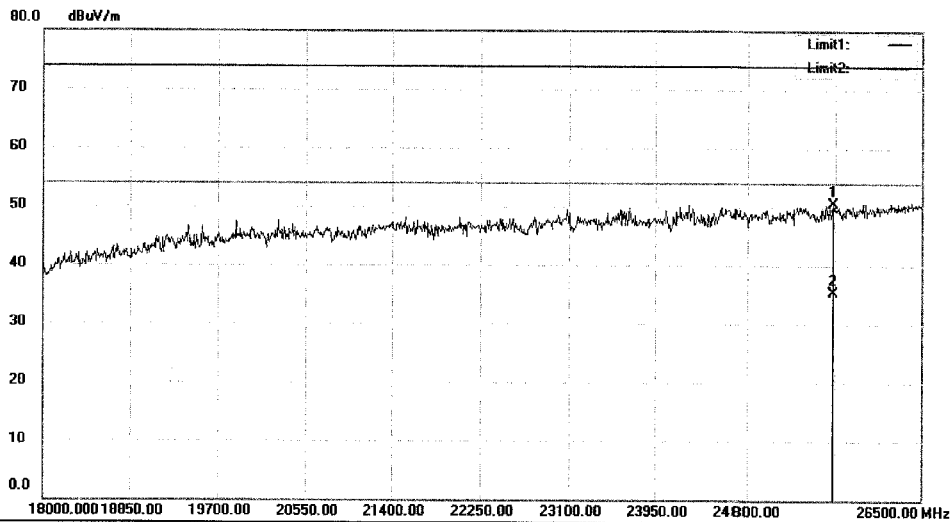
File:TUV9\Data:#151

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Radiated Emission Measurement

File :TUV9 Data :#152 Date: 15/09/12/



Site 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
 Limit: (RE)FCC PART 15.247 Power: AC 120V/60Hz Humidity: 53 %
 EUT: Tablet PC
 M/N: NS-P11W6100
 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		25633.00	86.79	-36.24	50.55	74.00	-23.45	peak		
2	*	25633.00	71.47	-36.24	35.23	54.00	-18.77	AVG		

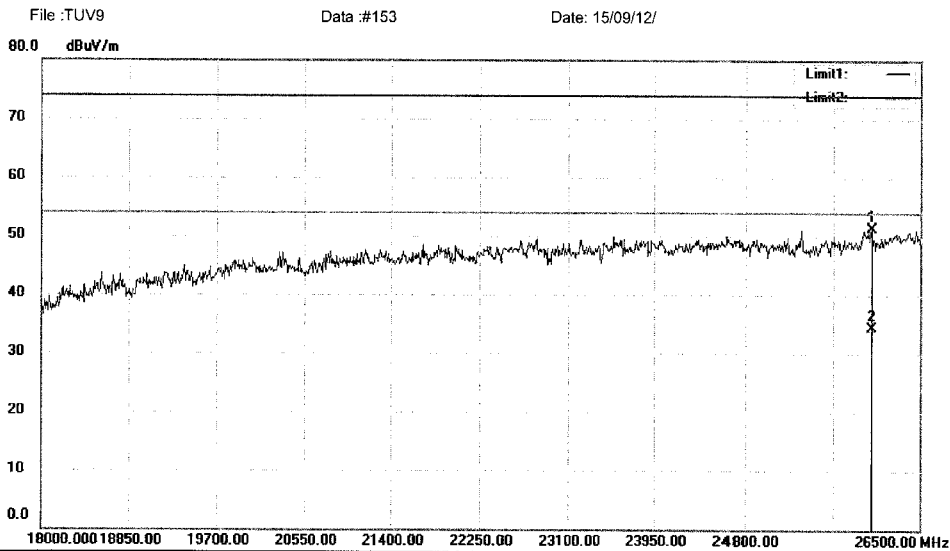
*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV9\Data :#152

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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: Tablet PC
 M/N: NS-P11W6100
 Mode:GFSK 2441
 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		26024.00	87.01	-35.76	51.25	74.00	-22.75	peak		
2	*	26024.00	70.02	-35.76	34.26	54.00	-19.74	AVG		

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

Operator: KK

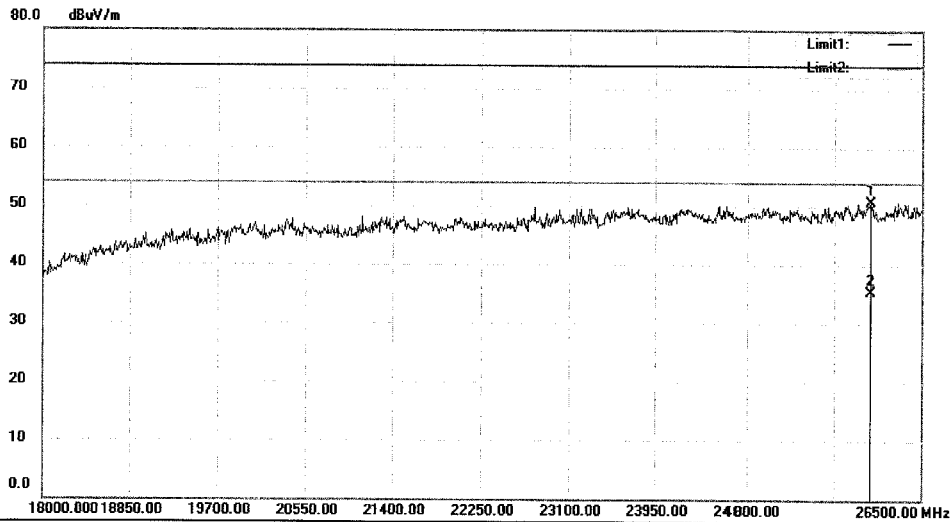
File :TUV9\Data :#153

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Radiated Emission Measurement

File:TUV9 Data #154 Date: 15/09/12/



Site 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
 Limit: (RE)FCC PART 15.247 Power: AC 120V/60Hz Humidity: 53 %
 EUT: Tablet PC
 M/N: NS-P11W6100
 Mode:GFSK 2441
 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		26007.00	86.43	-35.78	50.65	74.00	-23.35	peak		
2	*	26007.00	71.01	-35.78	35.23	54.00	-18.77	AVG		

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

Operator: KK

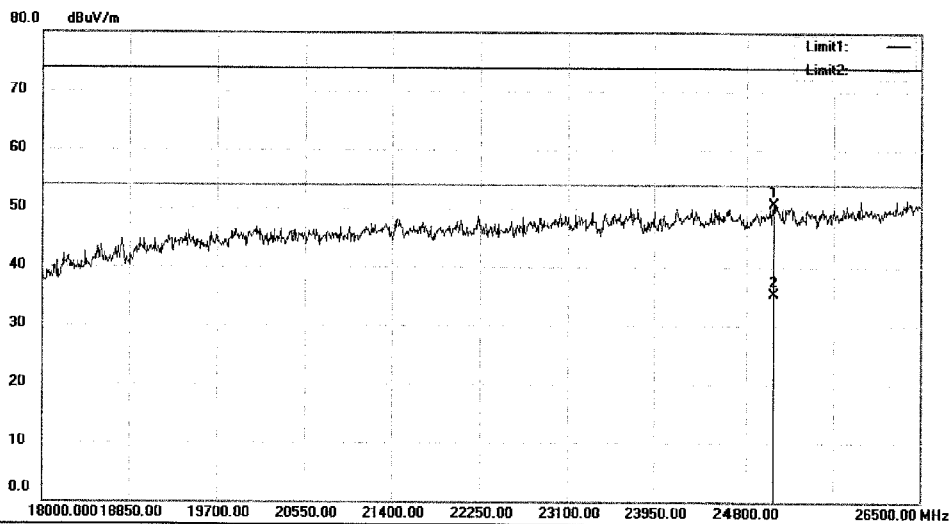
File:TUV9\Data:#154

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Radiated Emission Measurement

File: TUV9 Data #155 Date: 15/09/12/



Site 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 Limit: (RE)FCC PART 15.247 Power: AC 120V/60Hz Humidity: 53 %
 EUT: Tablet PC
 M/N: NS-P11W6100
 Mode: GFSK 2480
 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		25063.50	87.72	-36.93	50.79	74.00	-23.21	peak		
2	*	25063.50	72.19	-36.93	35.26	54.00	-18.74	AVG		

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

Operator: KK

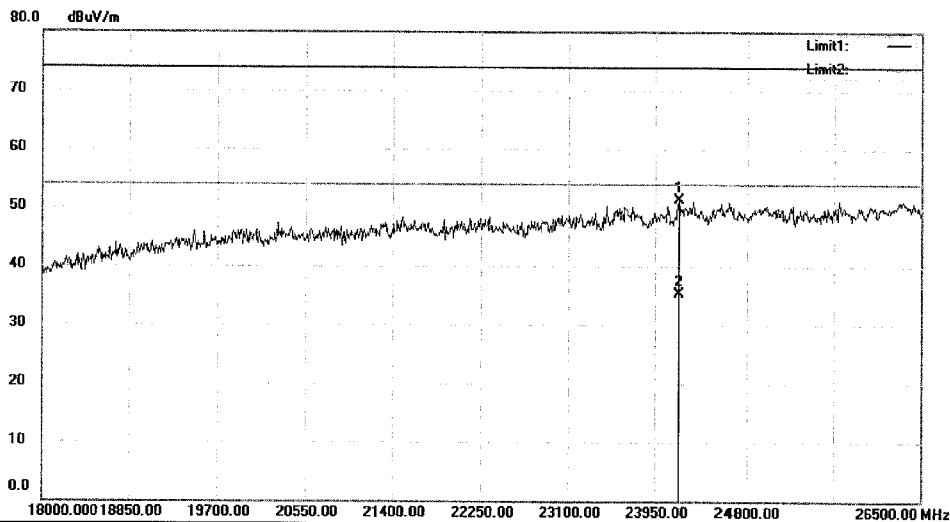
File: TUV9\Data #:155

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Radiated Emission Measurement

File:TUV9 Data:#156 Date:15/09/12/



Site 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
 Limit: (RE)FCC PART 15.247 Power: AC 120V/60Hz Humidity: 53 %
 EUT: Tablet PC
 M/N: NS-P11W6100
 Mode:GFSK 2480
 Note:

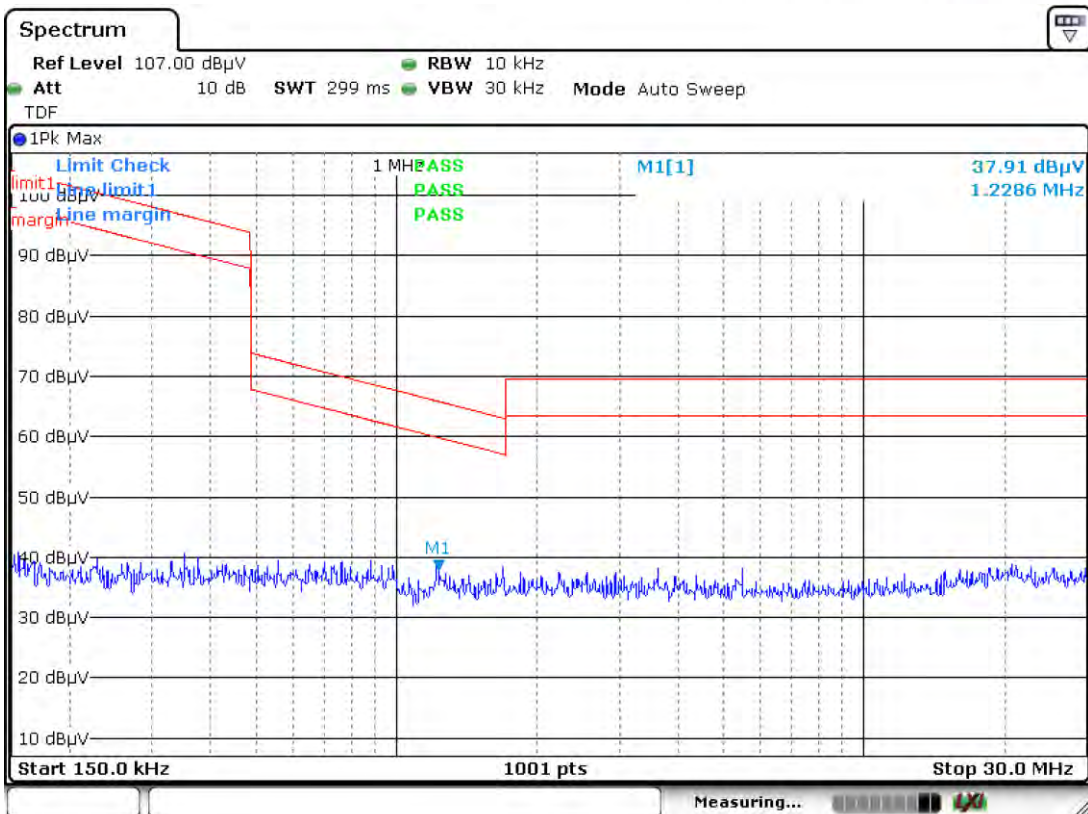
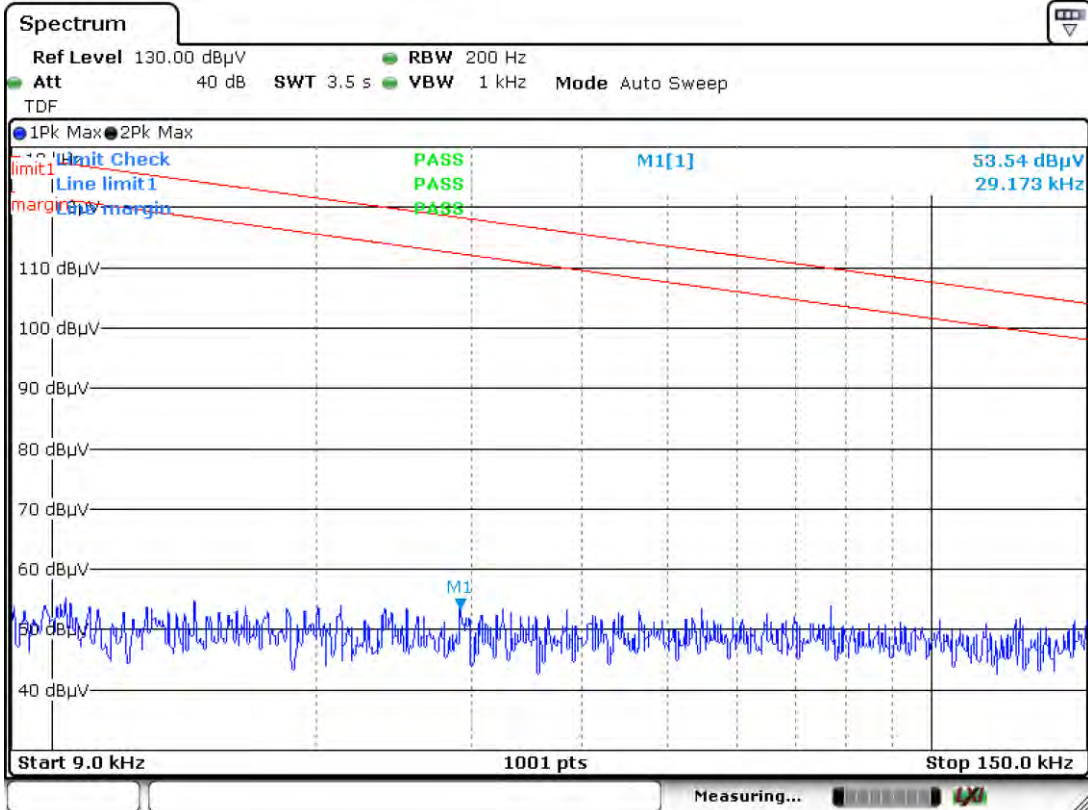
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		24179.50	88.46	-37.11	51.35	74.00	-22.65	peak		
2	*	24179.50	72.32	-37.11	35.21	54.00	-18.79	AVG		

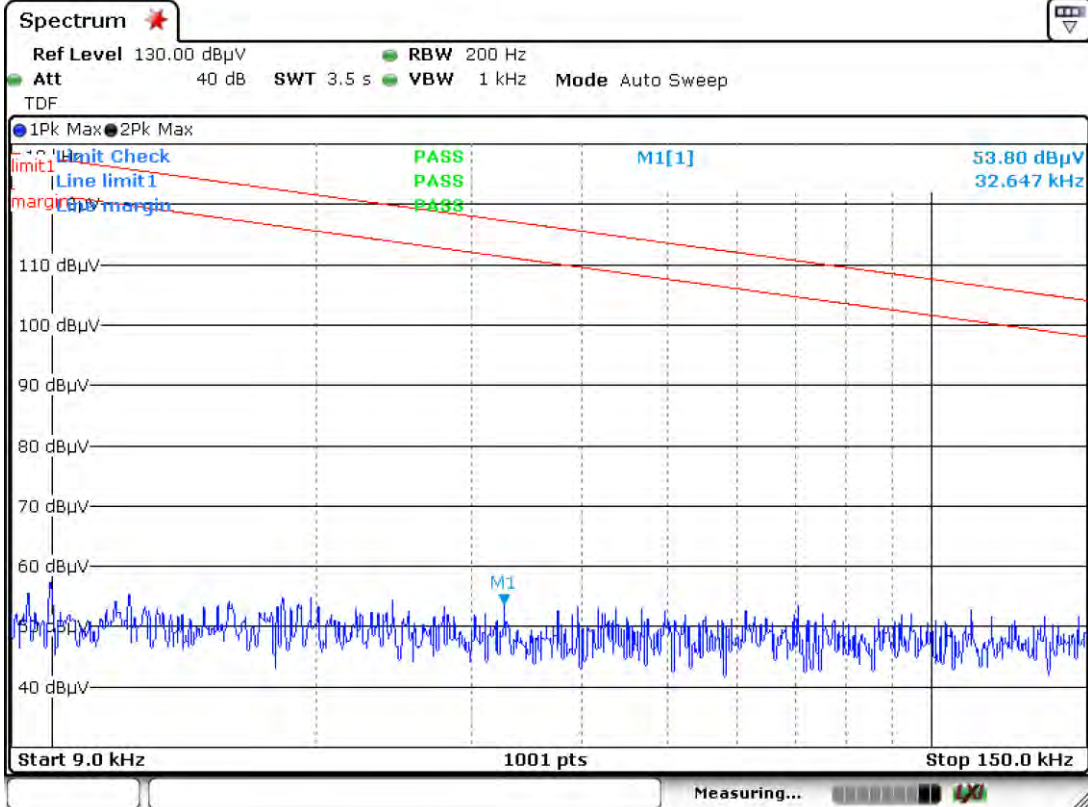
*:Maximum data x:Over limit !:over margin

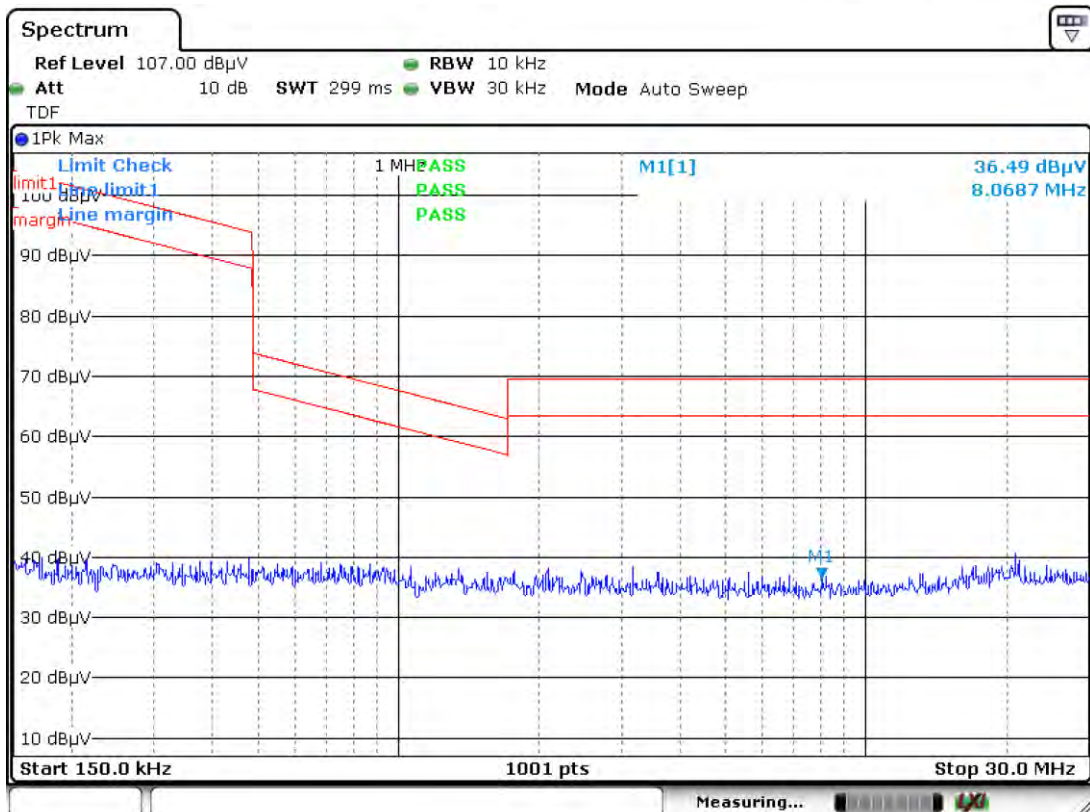
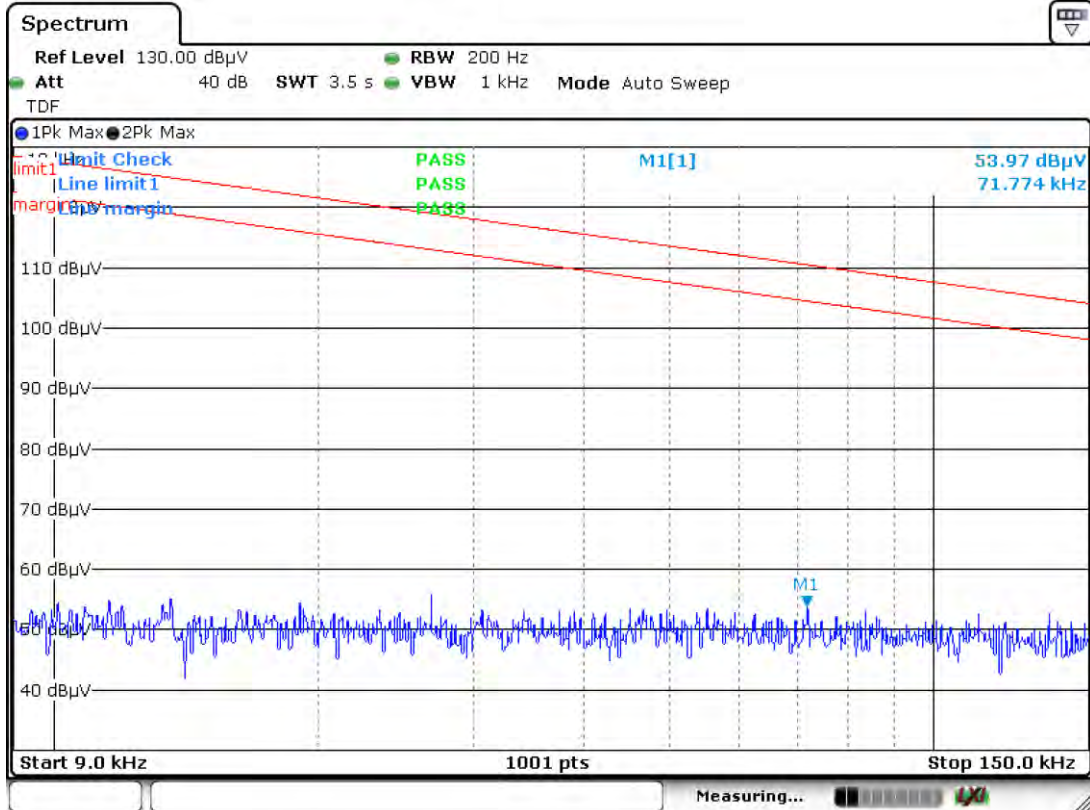
Operator: KK

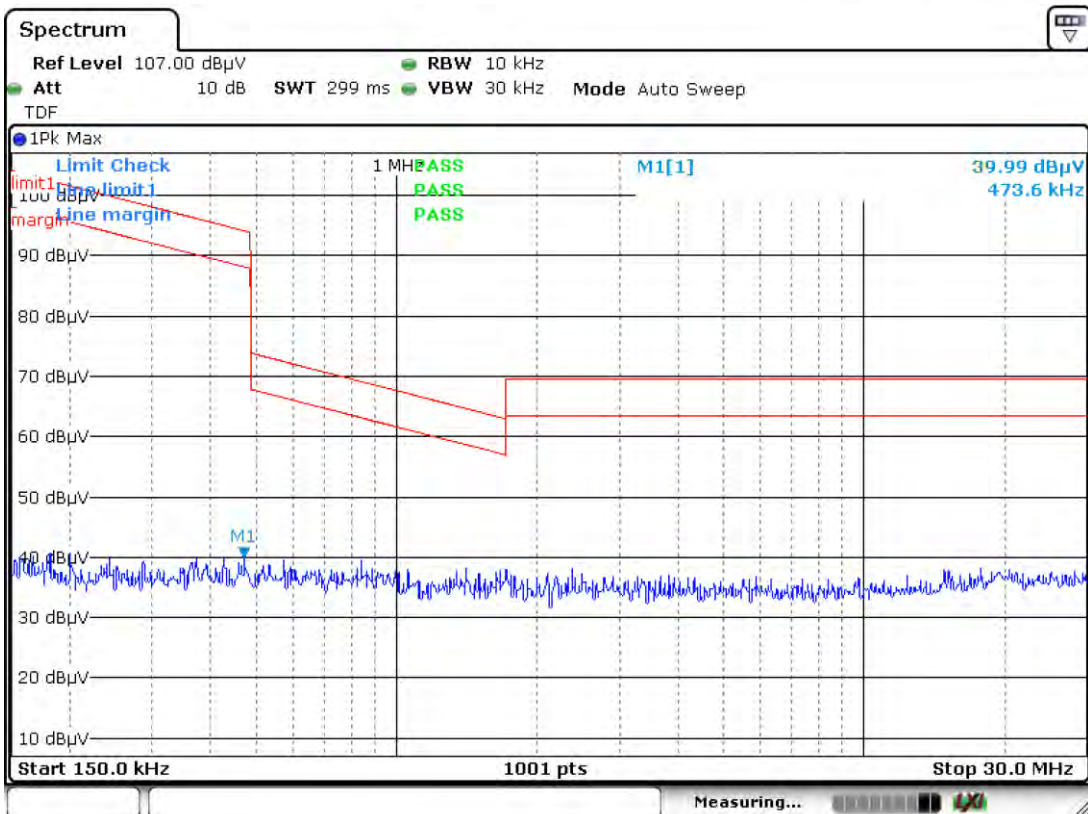
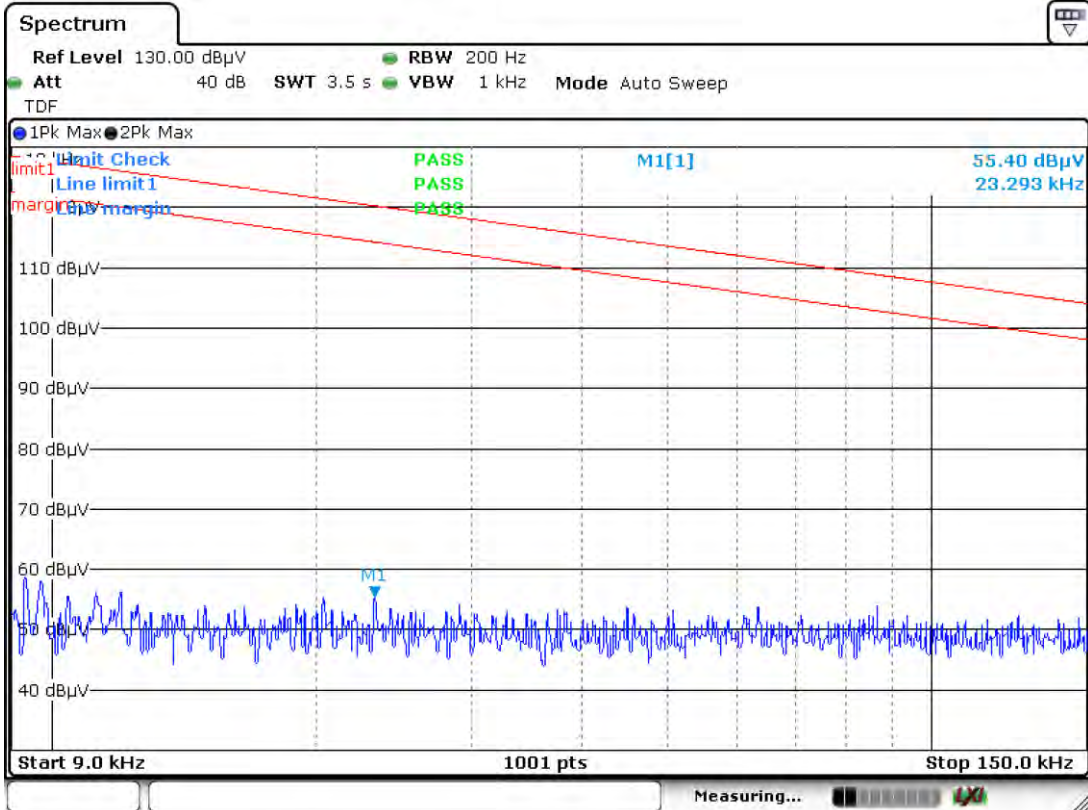
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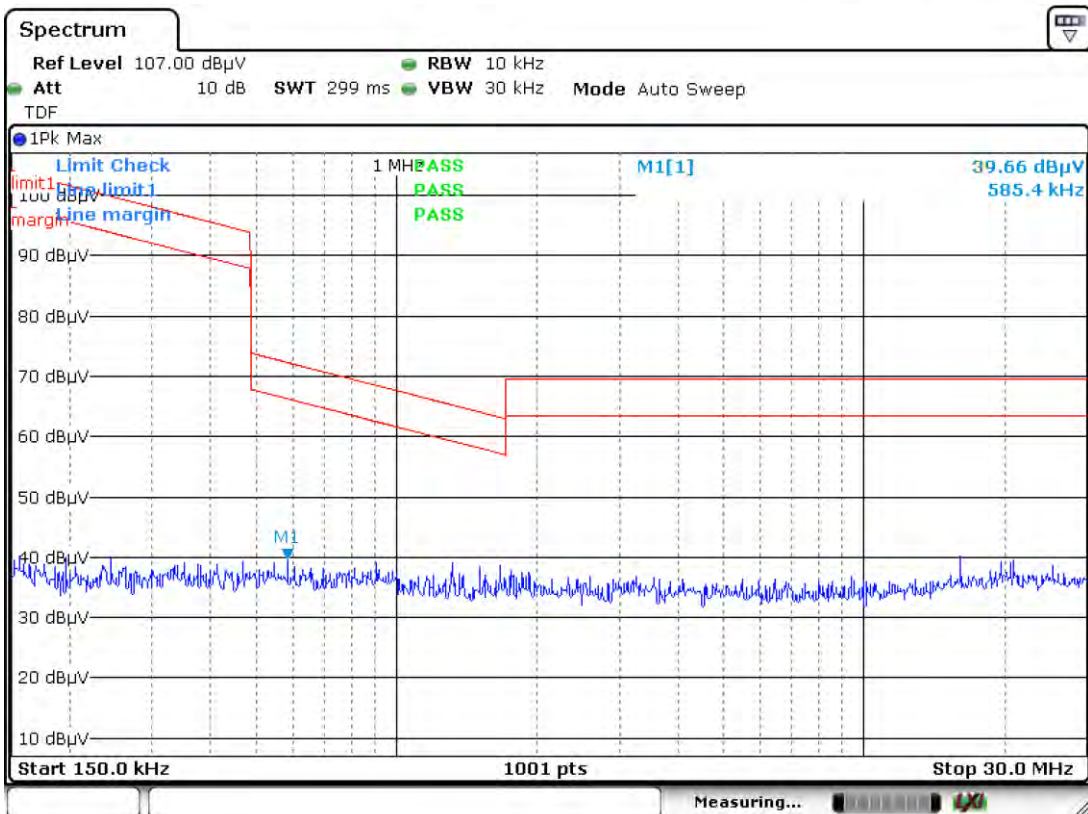
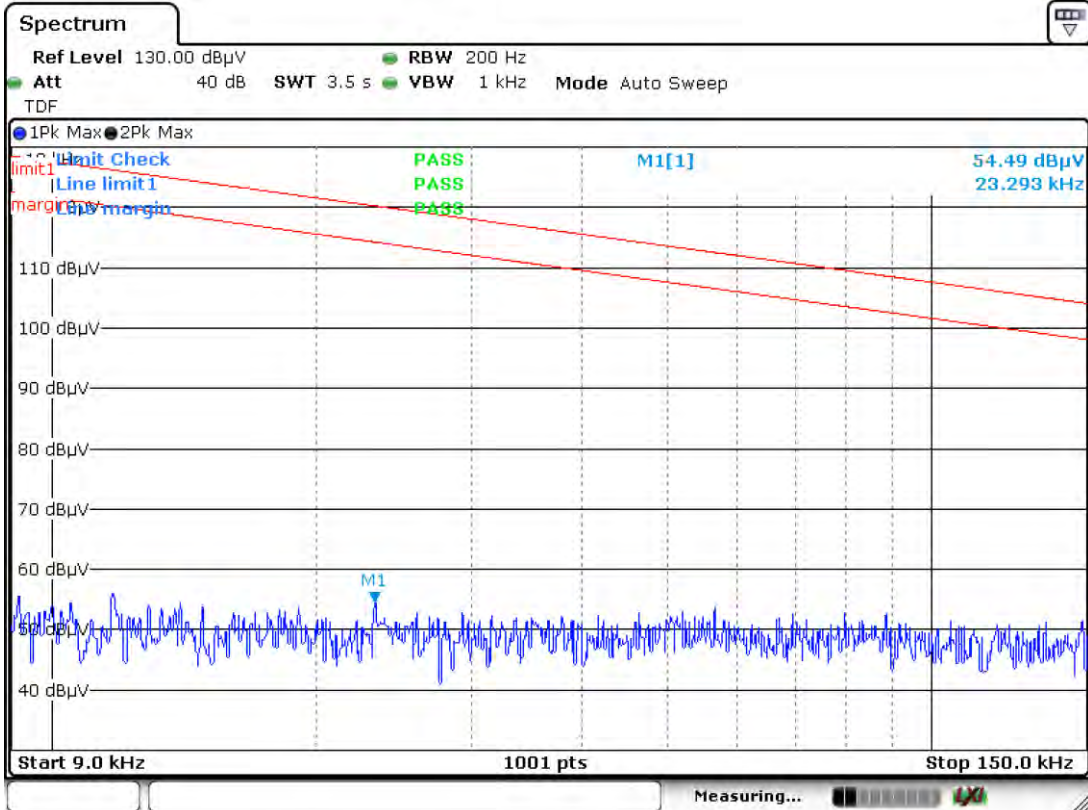
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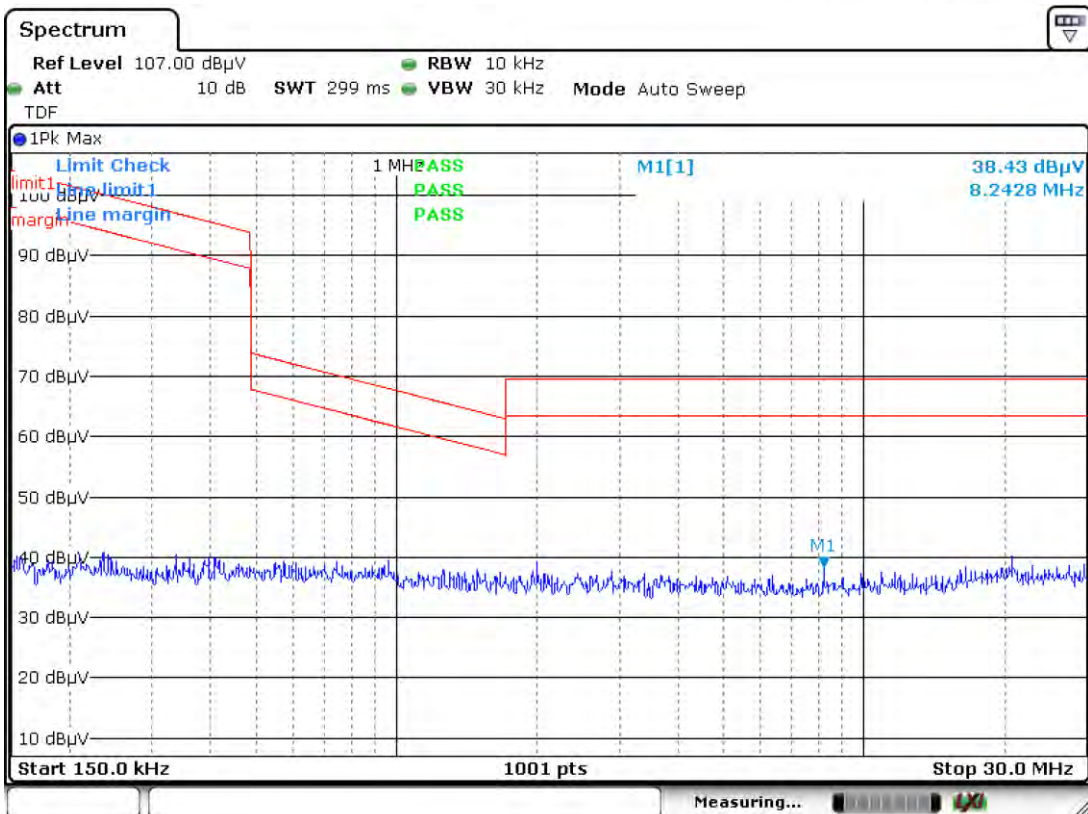
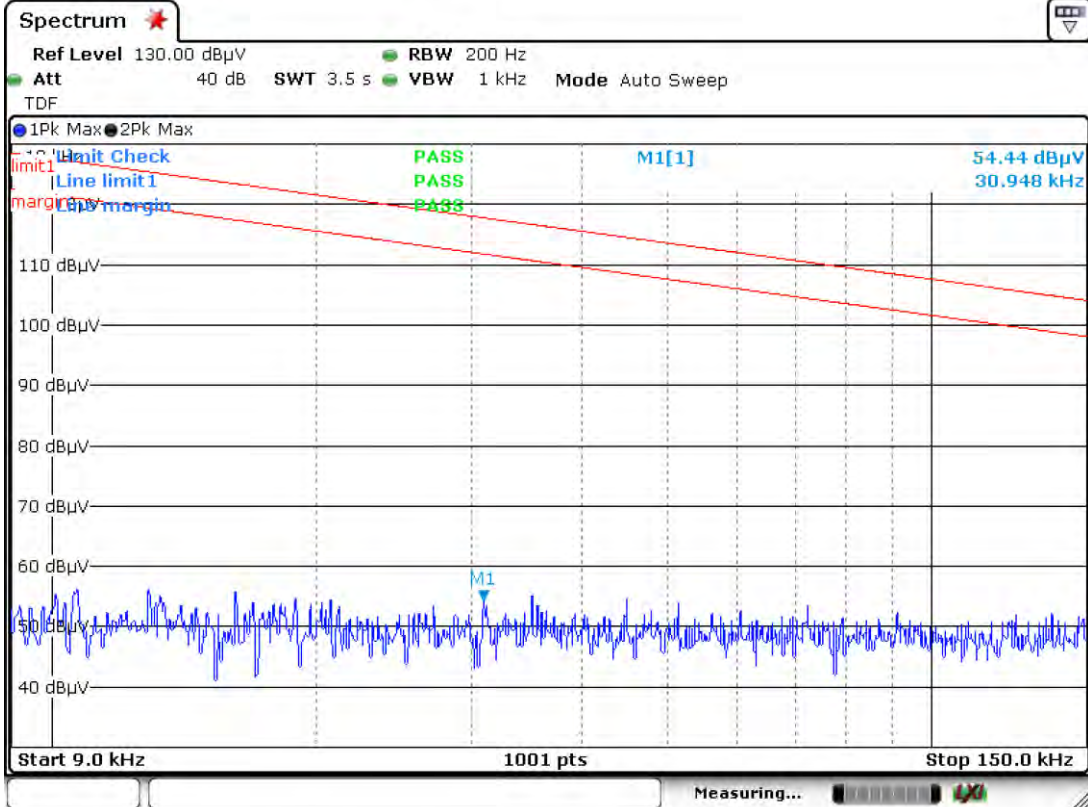
Test Plot of 2402MHz-X of EDR mode


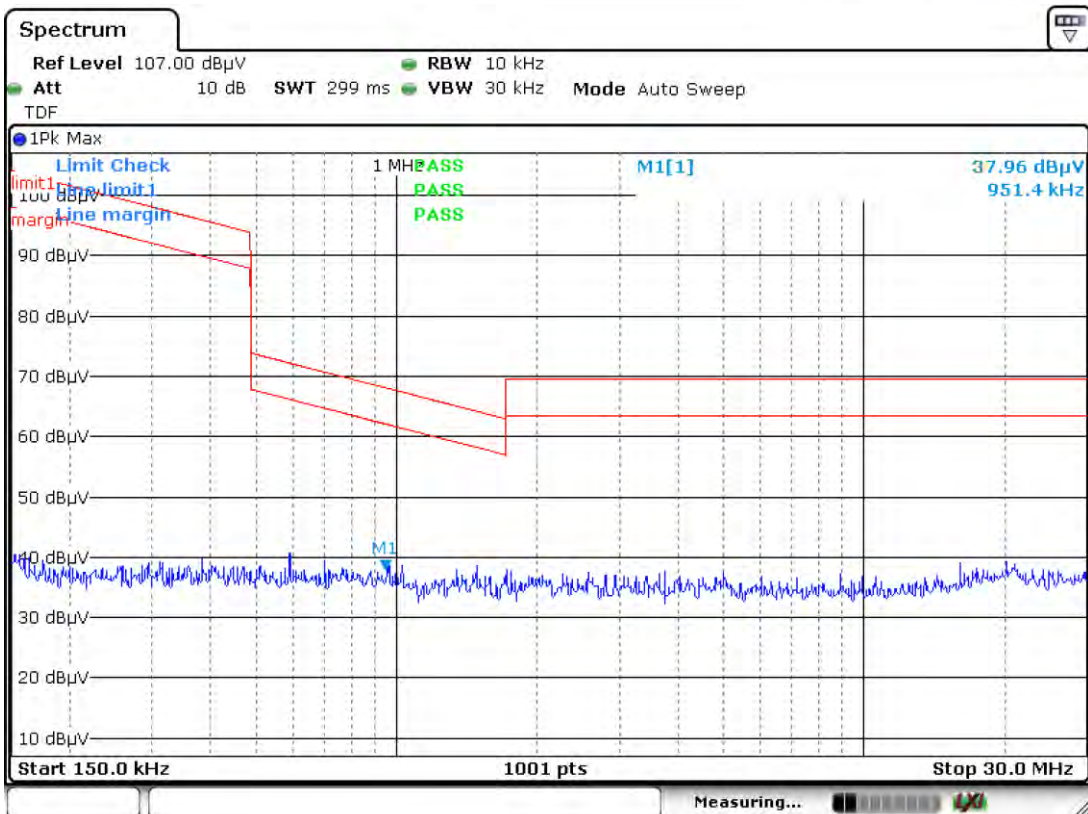
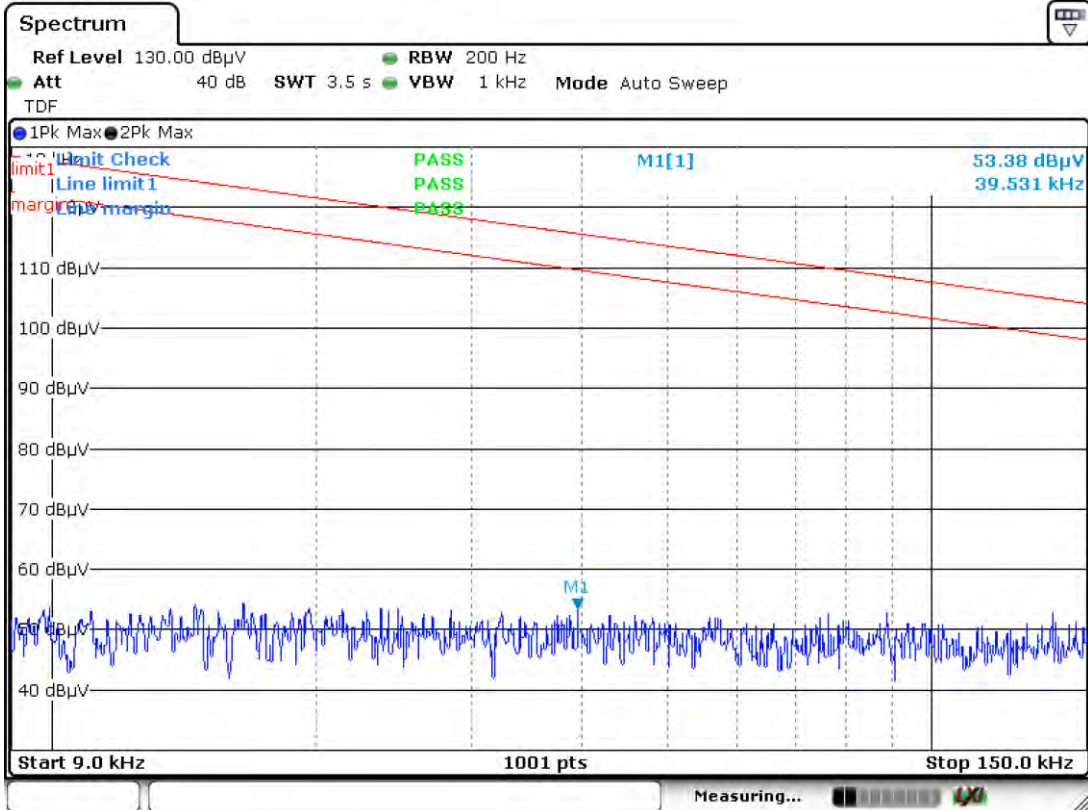
Test Plot of 2402MHz-Y of EDR mode


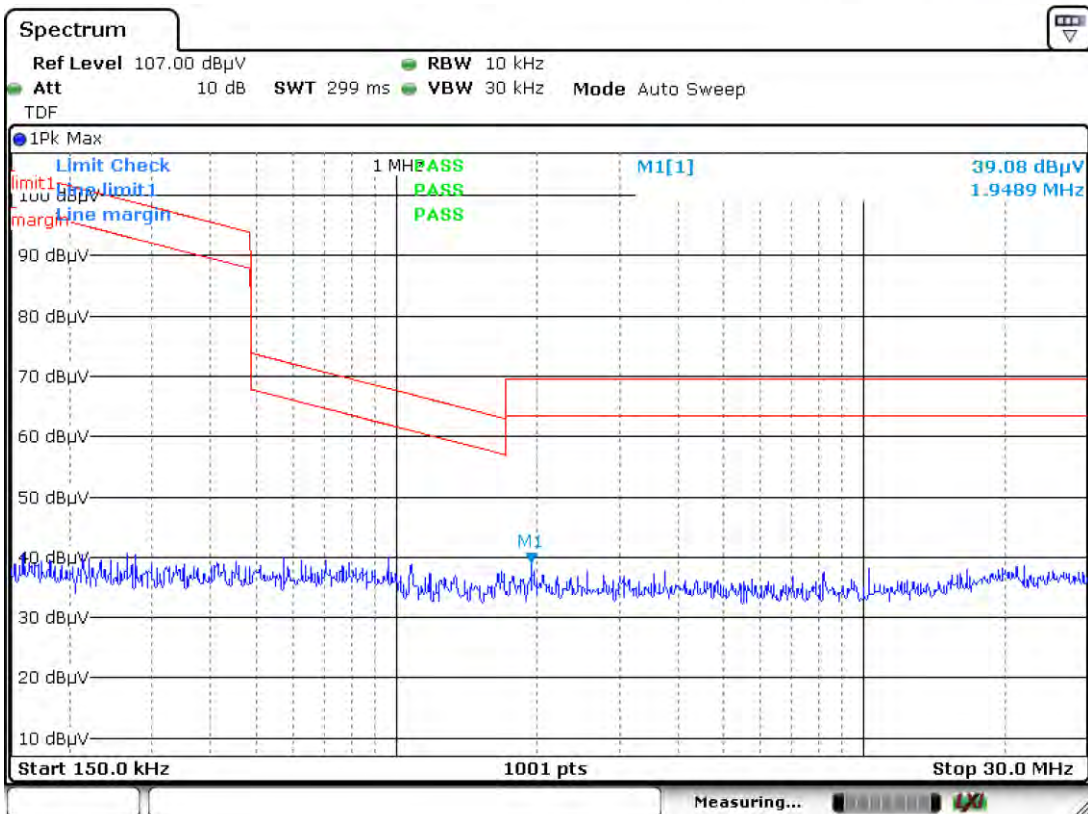
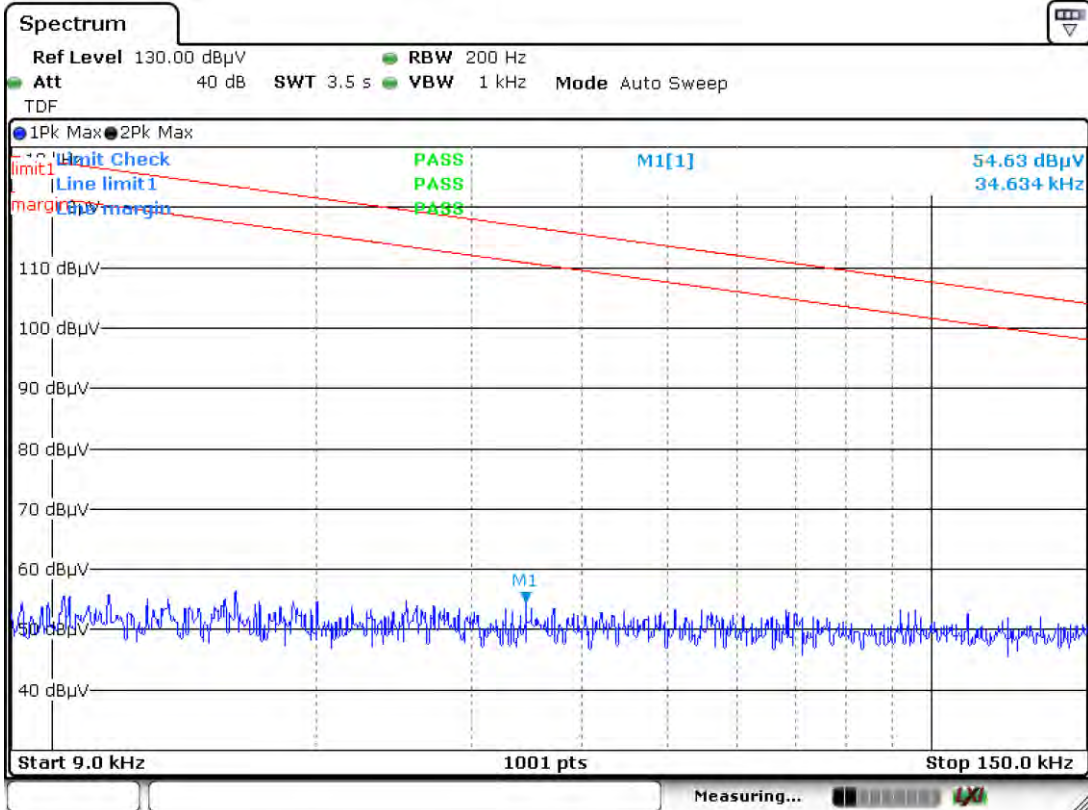
Test Plot of 2402MHz-Z of EDR mode


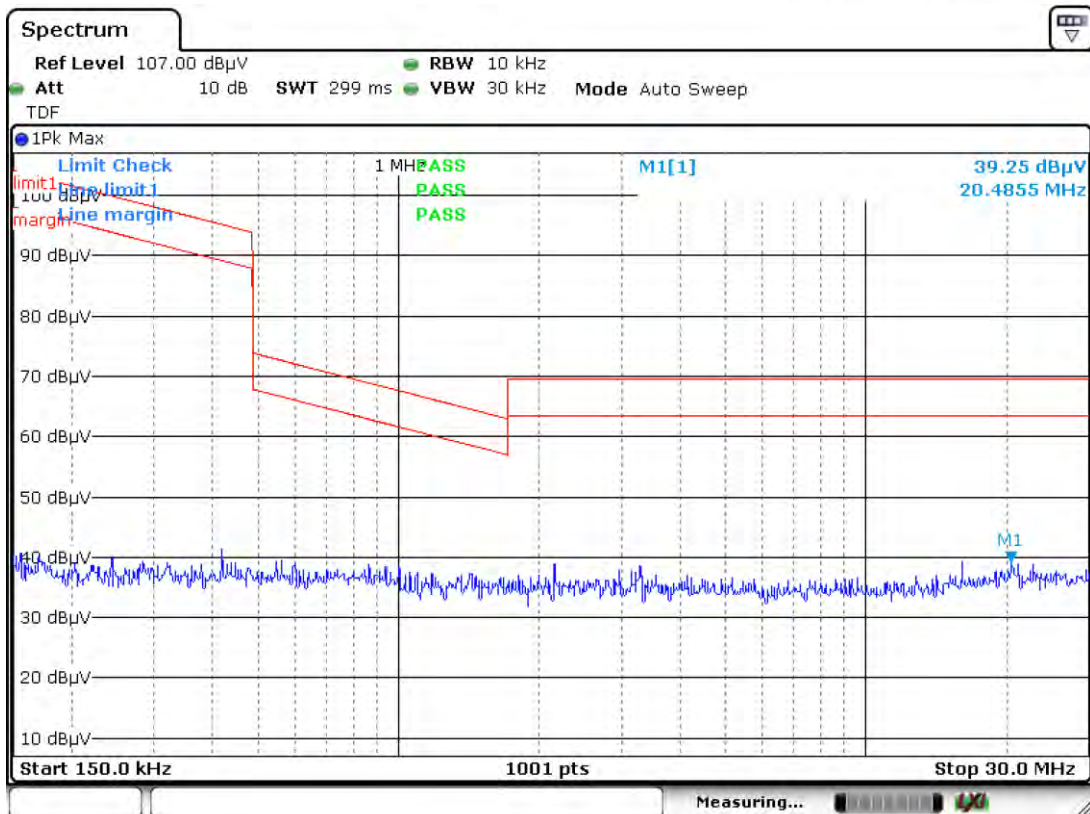
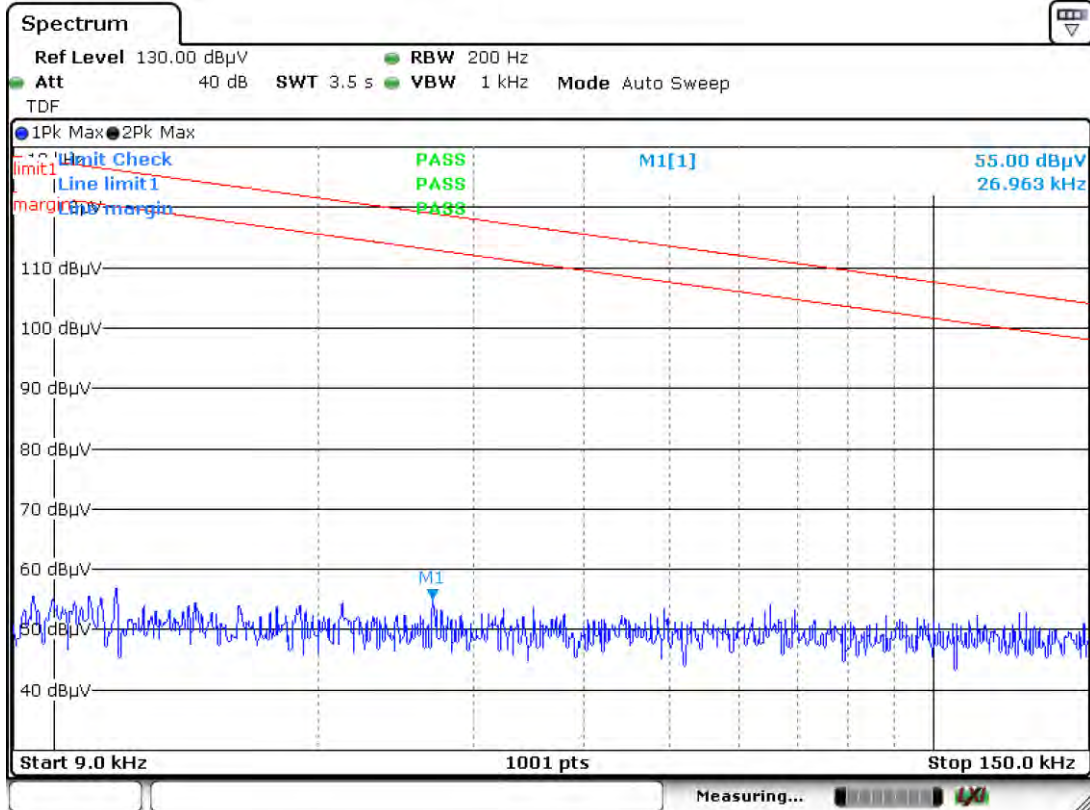
Test Plot of 2441MHz-X of EDR mode


Test Plot of 2441MHz-Y of EDR mode


Test Plot of 2441MHz-Z of EDR mode


Test Plot of 2480MHz-X of EDR mode


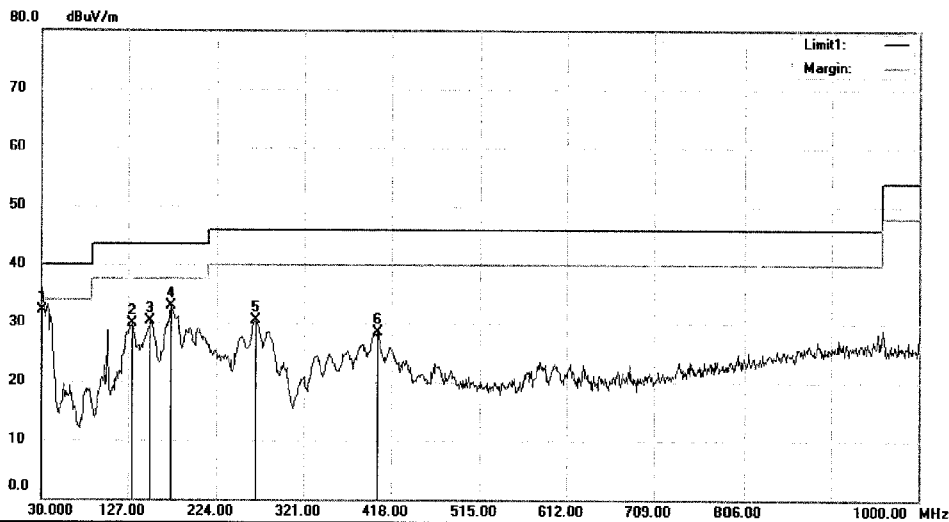
Test Plot of 2480MHz-Y of EDR mode


Test Plot of 2480MHz-Z of EDR mode


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Radiated Emission Measurement

File :TUV9 Data :#14 Date: 15/09/09/



Site 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
 Limit: (RE)FCC PART 15.247 Power: AC 120V/60Hz Humidity: 53 %
 EUT: Tablet PC
 M/N: NS-P11W6100
 Mode:8DPSK 2402
 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	*	30.9700	48.31	-16.13	32.18	40.00	-7.82	QP			
2		131.8500	47.31	-17.36	29.95	43.50	-13.55	QP			
3		151.2500	48.45	-18.18	30.27	43.50	-13.23	QP			
4		173.5600	52.26	-19.26	33.00	43.50	-10.50	QP			
5		266.6800	43.21	-12.72	30.49	46.00	-15.51	QP			
6		403.4500	37.48	-8.96	28.52	46.00	-17.48	QP			

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

Operator: KK

File :TUV9\Data :#14

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