

Test Report	No.: 12121201	.fcc01	Page 1 of 263
Client:	Intel Corporation 100 Center Point Circle Sui	te 200 Columbia, SC 29210 L	JSA
Test Item:	Digital Transmission Sy Wireless Network Adapter M	/stem (DTS) <sup>odule</sup>	
Identification:	7260NGW	MAC address:	001500B6698F
Project No.:	12121201	Date of Receipt:	January 07, 2013
Testing Location:	<b>TÜV Rheinland EPS B.V.</b> Eiberkamp 10 9351VT Leek		
Test Specification:	FCC 47 CFR Part 15, Subpa RSS-Gen (issue 3, Decembe ANSI C63.10:2009 KDB Publication No. 558074 Operating under Section 15.	nrt C, Section 15.247 (10-1-12 E er 2010) an RSS-210 (Issue 8, D D01: Measurement of Digital Tr 247 (10/4/12)	dition) December 2010) ransmission Systems
Test Result:		The test item <b>passed</b> the te	st specification(s).
Testing Laboratory:		<b>TÜV Rheinland EPS B.V.</b> Eiberkamp 10 9351 VT Leek	
Tested by:	Alter	Reviewed by:	(Y) North
2013-03-22 R. van de	r Meer / Inspector	2013-03-22 O. Hoekstra / Rev	iewer
Date Name/Po	sition Signature	Date Name/Position	Signature
Otner Aspects:		Abbreviations: P(ass) = pa F(ail) = fai N/A = no	ssed led t applicable
This report shal	l not be reproduced, except in full, The test results rela	<i>N/T = no</i> without the written permission of T te only to the item(s) tested.	t tested ÜV Rheinland EPS B.V.



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## 1. General Remarks

## **1.1** Complementary Materials

There is no attachment to this test report.

## 2. Test Sites

## 2.1 Test Facilities

The Federal Communications Commission and Industry Canada has reviewed the technical characteristics of the test facilities at TÜV Rheinland EPS B.V., located in Leek, 9351VT Eiberkamp 10, The Netherlands, and has found these test facilities to be in compliance with the requirements of 47 CFR Part 15, section 2.948.

The description of the test facilities has been filed at the Office of the Federal Communications Commission under registration number 90828. The facility has been added to the list of laboratories performing these test services for the public on a fee basis.

The description of the test facilities has been filed to Industry Canada under registration number 2932G-2. The facility has been added to the list of laboratories performing these test services for the public on a fee basis.

Normal test conditions:

Temperature (*)	: +15°C to +35°C
Relative humidity(*)	: 20 % to 75 %
Supply voltage	: 120VAC/60Hz
Air pressure	: 950 – 1050 hPa

When it was impracticable to carry out the tests under these conditions, a note to this effect stating the ambient temperature and relative humidity during the tests are stated separately.



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## 2.2 List of Test and Measurement Instruments

#### Table 1: List of Test and Measurement Equipment

Kind of Equipment Manufacture		Model Name	Inventory number	Calibration date (mm/yyyy)	Calibration due date (mm/yyyy)				
For Antenna Port Cond	For Antenna Port Conducted Emission								
Spectrum Analyzer	Rohde & Schwarz	FSP40	99538	11/2012	11/2013				
Temperature- Humiditymeter	Extech	SD500	99857	02/2012	02/2014				
Spectrum Analyzer	Rohde & Schwarz	FSV	99733	05/2012	05/2013				
For Radiated Emission									
Measurement Receiver	Rohde & Schwarz	ESCI	99699	03-26/2012	03-26/2013				
RF Cable S-AR	Gigalink	APG0500	99858	02/2013	02/2014				
Controller	Maturo	SCU/088/ 8090811	99861	N/A	N/A				
Controller	EMCS	DOC202	99608	N/A	N/A				
Controller	Heinrich Deisel	4630-100	99107	N/A	N/A				
Test facility	Comtest	FCC listed: 90828	99580	12/2011	12/2014				
Spectrum Analyzer	Rohde & Schwarz	FSP40	99538	11/2012	11/2013				
Controller	EMCS	DOC202	99608	N/A	N/A				
Antenna mast	EMCS	AP-4702C	99609	N/A	N/A				
Temperature- Humiditymeter	Extech	SD500	SD500 99855		02/2014				
Guidehorn 1-18 GHz	EMCO	3115	12484	04/2012	04/2013				
Guidehorn 18-40 GHz	EMCO	RA42-K-F-4B-C	12488	04/2012	04/2013				
Biconilog Testantenna	Chase	CBL 6111B	15633	01/2013	01/2014				
2.4 GHz bandreject filter	BSC	XN-1783	14450	N/A	N/A				
Bandpass filter 4-10 GHz	Bandpass filter 4-10 GHz Reactel		99076	N/A	N/A				
Bandpass filter Reactel		9HS- 10G/26.5G- S11	99136	N/A	N/A				
Preamplifier 0.5 - 18 GHz	Miteq	AMF-5D- 005180-28- 13p	99596	N/A	N/A				
Filterbox	EMCS	RFS06S	99606	10/2012	10/2013				

Conformance of the used measurement and test equipment with the requirements of ISO/IEC 17025:2005 has been confirmed before testing.



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## 2.3 Measurement Uncertainty

#### **Table 2: Emission Measurement Uncertainty**

Measurement Type	Frequency	Uncertainty
Antenna Port Conducted Emission	< 1GHz	±0.5dB
	> 1GHz	±0.7dB
Radiated Emission	150kHz - 30MHz	±5.0dB
	30MHz - 1GHz	±5.0dB
	> 1GHz	±5.5dB



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# **3.** General Product Information

## 3.1 **Product Function and Intended Use**

The brand Intel model 7260NGW, hereafter referred to as EUT, is a PCIe small form factor IEEE 802.11a/b/g/n/ac + Bluetooth wireless network adapter module. The module will support MIMO (2x2) for 802.11n/ac modes and MISO (1x2) for 802.11a/b/g modes and utilizes DSSS and OFDM modulation techniques. Bluetooth operates with basic, EDR and BLE modes as SISO (1x1). When Bluetooth is operational WiFi operates as SISO (1x1).

The module is sold under two different FCC ID numbers under the same model number (see table below). The FCC ID ending in "U" is intended to allow user installation conditions and host systems must be provided with a BiOS locking feature to provide mutual authentication between module and host devices.

Brand	Model Number	Description	FCC/IC IDs
Intel	7260NGW	802.11a/b/g/n/ac + BT wireless network adapter module	PD97260NG PD97260NGU 1000M-7260NG

The content of this report and measurement results have not been changed other than the way of presenting the data.

## 3.2 System Details

Details and an overview of the system and all of its components, as it has been tested, may be found below.

EUT	:	Wireless Network Adapter Module - Digital Transmission System (DTS)
Manufacturer	:	Intel Corporation
Brand	:	Intel
Model(s)	:	7260NGW
MAC address	:	001500B6698F
Voltage input rating	:	+3.3 V
Voltage output rating	:	
Current input rating	:	
Antenna	:	AUX3
Operating frequency	:	2412MHz-2462MHz, 5180MHz-5320MHz, 5500MHz-5700MHz, 5745MHz-
		5825MHz and 2402MHz-2480MHz.
Modulation	:	DSSS and OFDM
Remarks	:	n.a.



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#### Table 3: Interfaces present on the EUT

No.	Port	From	То	Remarks
1.	Mains	Mains	Laptop (AUX1)	Through a AC/DC power supply
2.	Mains	Mains	Test jig (AUX2)	Through a AC/DC power supply
3.	Data com.	Laptop USB	Fixture USB	
4.	Antenna port	EUT	Reference	
			antennas (AUX3)	

### 3.3 Countermeasures to achieve EMC Compliance

No additional measures were employed to achieve compliance.



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	WiFi 2.4 GHz (802.11b/g/n2	20/n40)



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## 4. Test Set-up and Operation Modes

### 4.1 Test Methodology

The test methodology used is based on the requirements of RSS-GEN, RSS-210, 47 CFR Part 15, Sections 15.31, 15.33, 15.35, 15.205, 15.207, 15.209, 15.247 and ANSI C63.10:2009

KDB Publication No. 558074 D01: Measurement of Digital Transmission Systems Operating under Section 15.247.

The test methods, which have been used, are based on ANSI C63.10-2009.

For details, see under each test item.

Modulation	Duty	Antenna		Test frequencies (MHz)					
	cycle		Lowest	Po se	ower tting	Middle	Power setting	Highest	Power setting
1 Mb DSSS	0.99	1	2412		15.0	2437	15.0	2462	15.5
1 Mb DSSS	0.98	2	2412		17.5	2437	17.0	2462	17.0
6 Mb OFDM	0.99	1	2412		12.0	2437	17.5	2462	14.0
6 Mb OFDM	0.92	2	2412		14.0	2437	19.0	2462	14.5
HT4 - 20 MHz	0.99	1	2412		12.0	2437	18.5	2462	13.5
HT4 - 20 MHz	0.99	2	2412		13.5	2437	19.0	2462	14.5
HT8 - 20 MHz	0.98	1+2	2412	10	.5/10.5	2437	11.0/11.0	2462	9.5/9.5
HT4 - 40 MHz	0.85	1	2422		9.5	2437	18.5	2452	13.0
HT4 - 40 MHz	0.85	2	2422		12.0	2437	19.0	2452	14.5/10.0
HT8 - 40 MHz	0.80	1+2	2422	6.	5/11.0	2437	19.0/11.0	2452	10.0

#### 4.2 Operation Modes

Testing was performed at the lowest operating frequency, at the operating frequency in the middle of the specified frequency band and at the highest operating frequency. These operation modes were selected after review of the capabilities and characteristics of the EUT.

Antenna ports are also referred to as Chain A and Chain B, where chain A refers to Antenna-port 2 and Chain B refers to Antenna-port 1.

The data rates of 1Mb/s for 802.11b, 6Mb/s for 802.11g, HT4 (SISO)/HT8 (MIMO) for 802.11n20 and n40 were selected based on preliminary testing that identified those rates corresponding to the worst cases for output power and band edge levels at restricted bands.



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The test software (see section 4.4) was used to define the following two operational modes of the EUT:

- Operational mode 1: Continuous transmit a data pattern with a duty cycle less than 100%.
- Operational mode 2: Continuous receive.

## 4.3 Physical Configuration for Testing

The EUT was installed into a test-fixture that interfaced to a laptop computer and dc power supply. The laptop computer was used to configure the EUT to continuously transmit at a specified output power and channel or continuously receive on the channel as specified in the testdata. See section 4.5 for Auxiliary details.

The EUT was tested on a stand-alone basis (only attached to the test jig) and the test system was configured in a typical fashion (as a customer would normally use it).

The justification and manipulation of cables and equipment in order to simulate a worst-case behavior of the test setup has been carried out as prescribed in ANSI C63.10-2009.



#### Figure 1: Test Setup Diagram



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### 4.4 Test Software

A continuous transmit or receive mode could be initiated by using test software as supplied by Intel Corporation. The test software was used to define various different operational modes of the EUT for the purpose of compliance testing. The version of the test software, as supplied by Intel Corporation and used during all tests is:

 Test software
 : DRTU 1.6.0-0510

 Driver
 : 16.0.0.17

This software was running on a laptop computer (AUX1). It was used to enable the test operation modes listed in section 4.2 as appropriate.



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4.5 Special Ac	cessories and Auxiliary Equipmen	it
The product has beer	n tested together with the following additional ac	ccessories:
1. AUX1 Product: Brand: Model: Serial Number: Remark:	Laptop Computer Lenovo 9456-HTG L3-BF847 07/02 property applicant, host for testsoftware and	AUX2
2. AUX2 Product: Brand: Model: Rated Voltage: Antenna: Remarks:	Test Jig Intel NGFF Extension Rev. 01 3.3 Vdc Internal, integrated on the PCB used for Antenna-port conducted tests	
<ol> <li>AUX3 Product: Manufacturer: Brand: Gain at 2G4: Remarks:</li> </ol>	Reference antennas SkyCross Electronics (Shenzen) Co.,Ltd SkyCross Electronics (Shenzen) Co.,Ltd 3.0 dBi (declared by applicant) used for radiated tests	



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## 5. Test Results

### 5.1 Technical Requirements

#### 5.1.1 Voltage Requirements

#### **RESULT: PASS**

Requirements:

FCC 15.31(e)

For intentional radiators, measurements of the variation of the input power or the radiated signal level of the fundamental frequency component of the emission, as appropriate, shall be performed with the supply voltage varied between 85% and 115% of the nominal rated supply voltage. For battery operated equipment, the equipment tests shall be performed using a new battery.

Verdict:

The EUT has an internal voltage regulator to supply the RF circuit. Hence it complies with the power supply requirements.

#### 5.1.2 Antenna Requirements

#### **RESULT: PASS**

**Requirements:** 

FCC 15.203 and IC RSS-Gen section 7.1.2

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

Verdict:

The EUT has two non standard PIFA antenna connectors which complies with the requirements.



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#### 5.1.3 Restricted Bands of Operation

#### **RESULT: PASS**

Requirements:

FCC 15.205 and IC RSS-Gen section 7.2.2

Only spurious emissions are permitted in any of the restricted frequency bands, unless otherwise specified.

Verdict:

The EUT operation frequency range is 2412 MHz - 2462 MHz. Therefore only spurious emissions may be found in the restricted bands of operation and the EUT complies with the restricted frequency band requirement.



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5.2 Conducted	Measurements at Antenna Po	ort				
5.2.1 Conducted O	utput Power					
RESULT: PASS						
Date of testing:	2013-01-14 & 20	013-03-15				
Requirements: FCC 15.247(b)(3) For systems using digit power is 1W (+30dBm) RSS-Gen: the e.i.r.p. sł	al modulation in the 2400-2483.5 MHz b nall not exceed 4 W (36 dBm).	and, the maximum peak output				
Test procedure:						
ANSI C63.10:2009 KDB Publication No. 55 under Section 15.247.	8074 D01: Measurement of Digital Tran	smission Systems Operating				
The Peak Conducted C according to option 2 in	output Power was measured using the ch KDB 558074 D01.	nannel integration method				
The maximum peak ou spectrum analyzer. The involved cables.	put power (conducted) was measured a final measurement takes into account t	t the antenna connector with a he loss generated by all the				
In the measure-and-sur power or power in spec results at the various ar emission level from the	n approach for MIMO mode, the conduc ified bandwidth) is measured at each an ntenna ports are then summed mathema EUT. Summing is performed in linear po	eted emission level ( <i>e.g.,</i> transmit atenna port. The measured atically to determine the total ower units (mW—not dBm).				
The EIRP power (dBm) is calculated by adding the declared maximum antenna gain to the measured conducted power. For MIMO mode, the Guidance on directional Gain calculations according to the <i>Guidance for Emission Testing of Transmitters with Multiple Outputs in the Same Band 662911 D01 Multiple Transmitter Output v01r02 dated 9/26/2012</i> was used. The number of transmit antennas (NANT) are 2 and the number of spatial streams (Nss) are 2 and therefore the Array Gain is 0 dB.						
Notes: mW = 10 ^ (dBm/ dBm = 10 x log(m	10) W)					
<b>plots</b> : <b>Peak power plot</b> Figures 1a, 1b and 1c, thr included in the reading.	<b>s</b> , ough 10a,10b,10c showing plots of the Peal	k Power outputs, correction factors				



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#### **Conducted Output Power**

Operation mode: 1Mb DSSS, Antenna 1

Freq- uency [MHz]	Output Power [dBm]	Output Power [mW]	Limit [dBm]	Limit [mW]	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	Plot number
2412	17.7	58.9	+30	1000	3.0	20.7	117.5	1a
2437	17.7	58.9	+30	1000	3.0	20.7	117.5	1b
2462	17.6	57.5	+30	1000	3.0	20.6	114.8	1c



Date: 13.MAR.2013 09:50:04

Plot 1a







2412       19.8       95.5       +30       1000       3.0       22.8       190.5       2a         2437       19.6       91.2       +30       1000       3.0       22.6       182.0       2b         2462       19.2       8.32       +30       1000       3.0       22.2       166.0       2c         Spectrum         Ref Level 30.40 dBm       Offset 0.40 dB       RBW 1 MHz         Att       40 dB       SWT       1 ms       VBW 3 MHz       Mode Sweep         1Pk View       20 dBm	[MHz]	Output Power [dBm]	Output Power [mW]	Limit [dBm]	Limit [mW]	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	Plot number
2437       19.6       91.2       +30       1000       3.0       22.6       182.0       2b         2462       19.2       8.32       +30       1000       3.0       22.2       166.0       2c         Spectrum         Ref Level 30.40 dBm Offset 0.40 dB e RBW 1 MHz         Att       40 dB       SWT       1 ms e VBW 3 MHz       Mode Sweep         Pk View	2412	19.8	95.5	+30	1000	3.0	22.8	190.5	2a
2462       19.2       8.32       +30       1000       3.0       22.2       166.0       2c         Spectrum         Ref Level 30.40 dBm       Offset 0.40 dB       RBW 1 MHz         Att       40 dB       SWT       1 ms       VBW 3 MHz       Mode Sweep         1Pk View       20 dBm       10 dBm       10 dBm       10 dBm       10 dBm       10 dBm         10 dBm       0 dBm       10 dBm	2437	19.6	91.2	+30	1000	3.0	22.6	182.0	2b
Spectrum         Ref Level 30.40 dBm         Offset 0.40 dB         RBW 1 MHz           Att         40 dB         SWT         1 ms         VBW 3 MHz         Mode Sweep           1Pk View	2462	19.2	8.32	+30	1000	3.0	22.2	166.0	2c
20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -20 dBm -20 dBm -30 dBm -30 dBm -50 dBm -60 dBm -60 dBm -60 dBm -60 dBm -60 dBm -60 dBm -70 dBm	Spectrum Ref Level Att 1Pk View	30.40 dBm 40 dB	Offset 0.4 SWT	40 dB 👄 R 1 ms 👄 V	<b>BW</b> 1 M⊢ <b>BW</b> 3 M⊢	iz iz Mode S	weep		(♥
20 dBm 10 dBm -10 dBm -20 dBm -20 dBm -20 dBm -30 dBm -50 dBm -60 dBm -60 dBm -60 dBm -60 dBm -70 d									
10 dBm 0 dBm -10 dBm -20 dBm -20 dBm -20 dBm -30 dBm -50 dBm -60 dBm -60 dBm -60 dBm -60 dBm -60 dBm -70 dB	20 dBm								
0 dBm -10 dBm -20 dBm -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm -50 dBm -60 dBm -70 d	10 dBm		_						
-10 dBm -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm -50 dBm -60 dBm -60 dBm -60 dBm -60 dBm -60 dBm -60 dBm -70 dBm -80 dBm -80 dBm -80 dBm -90				1					
-10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -50 dBm -60 dBm -60 dBm -60 dBm -60 dBm -60 dBm -70									
-20 dBm -30 dBm -40 dBm -50 dBm -50 dBm -60 dBm -60 dBm -60 dBm -60 dBm -60 dBm -60 dBm -70 dBm -80 dBm -80 dBm -80 dBm -80 dBm -80 dBm -90 dBm -90 dBm -80	-10 dBm-+								
-30 dBm -40 dBm -50 dBm -50 dBm -60 dBm -60 dBm -60 dBm -60 dBm -60 dBm -60 dBm -60 dBm -75 Span 40.7 MHz Channel Power Bandwidth 20,00 MHz Power 19,76 dBm Tx Total 19,76 dBm	-20 dBm		_/						
-30 dBm -40 dBm -50 dBm -50 dBm -60 dBm -70									
-40 dBm -50 dBm -60 dBm -70	-30 dBm	<u> </u>	<u></u>						Jumme .
-50 dBm -60 dBm -70	-40 dBm								million
-50 dBm -60 dBm -70									
-60 dBm CF 2.412 GHz 501 pts Span 40.7 MHz Channel Power Bandwidth 20.00 MHz Power 19.76 dBm Tx Total 19.76 dBm									
CF 2.412 GHz     Span 40.7 MHz       Channel Power     Bandwidth 20.00 MHz   Power 19.76 dBm Tx Total 19.76 dBm	-50 UBIII								
CF 2.412 GHz 501 pts Span 40.7 MHz Channel Power Bandwidth 20.00 MHz Power 19.76 dBm Tx Total 19.76 dBm	-60 dBm								
Channel Power Bandwidth 20.00 MHz Power 19.76 dBm Tx Total 19.76 dBm	-60 dBm				50	)1 pts		S	oan 40.7 MHz
Bandwidth 20.00 MHz Power 19.76 dBm Tx Total 19.76 dBm	-50 dBm -60 dBm CF 2.412 GH	łz							
	-50 dBm -60 dBm CF 2.412 GF Channel Pow	1z ver							-
Measuring 13.03.2013	-60 dBm -60 dBm CF 2.412 GH Channel Pow Bandw	Iz ver idth 20.0	0 MHz		Power	• 19.76 dB	\$m	Tx Total 19.7	76 dBm
ate: 13.MAR.2015 10:00:15	-60 dBm CF 2.412 GF Channel Pow Bandw	Hz ver idth 20.0	0 MHz		Power	• 19.76 dB	asuring 🕕	Tx Total 19.7	76 dBm 13.03.2013
ate: 15.MAR.2015 10:00:15	-60 dBm -60 dBm CF 2.412 GF Channel Pow Bandw ate: 13.MAR	Hz Ner idth 20.0	0 MHz		Power	• 19.76 dE	asuring 🚺	Tx Total 19.7	76 dBm
Plot 2a	-60 dBm -60 dBm CF 2.412 GH Channel Pow Bandw ate: 13.MAR	Hz ver idth 20.0	0 MHz		Power	- 19.76 dE	asuring 🚺	Tx Total 19.3	76 dBm
Plot 2a	-60 dBm -60 dBm CF 2.412 GH Channel Pow Bandw Date: 13.MAR	Iz       ver       idth 20.0	0 MHz		Power	- 19.76 dE	asuring 🌒	Tx Total 19.7	76 dBm
Plot 2a	-60 dBm -60 dBm CF 2.412 GF Channel Pow Bandw Pate: 13.MAR	Iz ver idth 20.0	0 MHz		Power	- 19.76 dB	asuring 🖤	Tx Total 19.7	76 dBm
Plot 2a	-60 dBm CF 2.412 GH Channel Pow Bandw	Hz ver idth 20.0	0 MHz		Power	- 19.76 dE	asuring	Tx Total 19.7	76 dBm



























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ort No.:	1212	21201.fcc01	Page 28 of 263
Spectrum Ref Level 30.40	dBm <b>Offset</b> 0.40 dB	• <b>RBW</b> 1 MHz	
• Att 4	OdB SWT 1 ms	VBW 3 MHz Mode Sweep	
1Pk View			
20 dBm			
10 dBm	- Jone	TX1	
0 dBm			
10 dBm	n han mar		and have adapted
-20 dBm			
-30 dBm			
-40 dBm			
-50 dBm			
-60 d9m			
-oo ubm			
CF 2.437 GHz		501 pts	Span 40.7 MHz
Bandwidth	20.00 MHz	Power 23.80 dBm	Tx Total 23.80 dBm
		Measuring	13.03.2013
Spectrum			
Att 4	JdBm Offset U.40 dB 40 dB SWT 1 ms	S	
●1Pk View			
20 dBm			
10 dBm		a particle account of the second statement of the seco	8 40 COL
	1	TX1	
U dBm	1		
-10 dBm	Marrie Contraction		WWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWW
-20 dBm			While and when we want
-30 dBm			
-30 dBm -40 dBm -50 dBm -60 dBm -60 dBm		501 pts	Span 40.7 MHz
-30 dBm -40 dBm -50 dBm -60 dBm CF 2.462 GHz Channel Power		501 pts	Span 40.7 MHz
-30 dBm -40 dBm -50 dBm -60 dBm CF 2.462 GHz Channel Power Bandwidth	20.00 MHz	501 pts Power 22.25 dBm	Span 40.7 MHz Tx Total 22.25 dBm
-30 dBm -40 dBm -50 dBm -60 dBm CF 2.462 GHz Channel Power Bandwidth	20.00 MHz	501 pts Power 22.25 dBm	Span 40.7 MHz Tx Total 22.25 dBm
-30 dBm -40 dBm -50 dBm -60 dBm CF 2.462 GHz Channel Power Bandwidth	20.00 MHz	501 pts Power 22.25 dBm	Span 40.7 MHz Tx Total 22.25 dBm
-30 dBm -40 dBm -50 dBm -60 dBm CF 2.462 GHz Channel Power Bandwidth	20.00 MHz	501 pts Power 22.25 dBm	Span 40.7 MHz Tx Total 22.25 dBm



-

Freq- uency [MHz]	Output Power [dBm]	Output Power [mW]	Limit [dBm]	Limit [mW]	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	Plo numb	t ber	
2412	22.2	166.0	+30	1000	3.0	25.2	331.1	6a		
2437	25.2	331.1	+30	1000	3.0	28.2	660.7	6b	_	
Spectrun Ref Leve Att	1 1 30.40 dBm 40 dB	n Offset ( 3 SWT	0.40 dB 👄 1 ms 👄	<b>RBW</b> 1 M <b>VBW</b> 3 M	1Hz 1Hz <b>Mode</b>	Sweep				
1Pk View						_				
.0 dBm		5	<del>,</del>	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~						
) dBm		5					7			
, abiii								N		
10 dBm—	10	NT NT						- W		
20 dBm	MAN							ľ	Muyo	
aparta and	r and a								۷Ŋ	Mu
30 dBm										mundler
40 db										
40 aBm										
50 dBm										
60 dBm—										
PE 0 410 4	247				501 ntc				ens	n 40 7 MU-7
hannel Po	wer				.01 hrs				ьна	
Band	width 20.	.00 MHz		Powe	er 22.19 d	Bm	-	Fx Tota	al 22.19	dBm
					4	easuring.			4)41	13.03.2013
+ . 12 10	VD 2012 1	1.20.11								
te: 13.MA	AR.2013 1	1:32:11								
					Plot 6a					







Freq- uency [MHz]	Output Power Antenna 1 [dBm]	Output Power Antenna 2 [dBm]	Limit [dBm]	Limit [mW]	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	Plot number
2412	17.4	16.2	+30	1000	3.0	22.9	192.8	7a
2437	19.4	18.3	+30	1000	3.0	24.9	308.7	7b
2462	18.4	17.0	+30	1000	3.0	23.8	238.0	/C
Spectrui Ref Leve Att 1Pk View	m el 30.40 dBm 40 dB	Offset 0.40 SWT 1	dB <b>e RBW</b> ms <b>e VBW</b>	1 MHz 3 MHz Moo	le Sweep			
20 dBm—								
10 dBm—				TX1		_		
0 dBm				and mention		mary -		
-20 dBm	alundun and							how-har brate
CF 2.412	GHz			501 pts			Spar	n 40.7 MHz
Channel P	ower							
Band	width 20.0	JU MHZ	Po	ower 17.41	. dBm	Tx To	tal 17.41	dBm
							6/18	
ate: 13.M	MAR.2013 12	:13:07	ום	ot 7a-1 Anto	nna 1			
			E II					















Freq- uency [MHz]	Output Power [dBm]	Output Power [mW]	Limit [dBm]	Limit [mW]	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	Plot number
2422	18.4	69.2	+30	1000	3.0	21.4	138.0	8a
2437	22.8	190.5	+30	1000	3.0	25.8	380.2	8b
2452	21.4	138.0	+30	1000	3.0	24.4	275.4	8C
Spectrur Ref Leve Att	n 1 30.40 dBm 40 dB	n Offset ( 8 SWT	).40 dB 👄 <b>R</b> 1 ms 👄 <b>V</b>	BW 1 MHz BW 3 MHz	Mode Swee	∋p		
20 dBm								
LO dBm								
			, more	La.	,	why a.		
10 dBm—						ł		
20 dBm—	mun						Mun .	
www.	1						1 You	mun
40 dBm—								
50 dBm—								
60 dBm—								
F 2.422	GHz			501 p	ots		S	pan 81.3 MHz
hannel Pi Band	ower width 40	.00 MHz		Power 1	8.39 dBm	-	۲x Total 18،	39 dBm
					Measu	ring 🚺 🔢	4/4	13.03.2013 12:53:00
te: 13.M	AR.2013 1	2:53:00						
				Dia	+ 9o			



Test Report No.:	12121201.fcc01	Page 36 of 263
Spectrum Ref Level 30,40 Att	idBm <b>Offset</b> 0.40 dB <b>● RBW</b> 1 MHz 40 dB <b>SWT</b> 1 ms <b>● VBW</b> 3 MHz <b>Mode</b> Sweep	
20 dBm 10 dBm -10 dBm -10 dBm -20 dBm -30 dBm		
-40 dBm -50 dBm -60 dBm <u>CF 2.437 GHz</u>		Span 81.3 MHz
Channel Power Randwidth	40.00 MHz Downs 22.80 dBm	Ty Tatal 22.90 dBm
Bandwidth	40.00 MHZ POwer 22.80 ubit	13.03.2013
Date: 13.MAR.201 Spectrum RefLevel 30.40	Plot 8b	
• Att         • 1Pk View         20 dBm         10 dBm         0 dBm         -10 dBm         -20 dBm         -30 dBm         -40 dBm         -50 dBm         -60 dBm         CF 2.452 GHz         Channel Power         Bandwidth	40.00 MHz Power 21.42 dBm 40.00 MHz Note Sweep	Span 81.3 MHz Tx Total 21.42 dBm
	Plot 8c	


-

ionev	Output	Output	Limit	Limit	Antenna	EIRP	EIRP	Plot
[MHz]	Power [dBm]	Power [mW]	[dBm]	[mW]	Gain (dBi)	(dBm)	(mW)	number
2422	20.5	112.2	+30	1000	3.0	23.5	223.9	9a
2437	25.4	346.7	+30	1000	3.0	28.4	691.8	9b
2452	23.1	204.2	+30	1000	3.0	26.1	407.4	9c
spectrur	n							
Ref Leve	el 30.40 dBr 40 dl	n Offset ( B SWT	1 ms 👄 <b>V</b> .	BW 1 MHz BW 3 MHz	Mode Sweet	<b>`</b>		
1Pk View	+0 u	0 0001	1 1113 🚽 🖡	DW JIMIZ	Houe Sweet	5		
0 dBm—								
0 dBm—				TX:	1			
		<u>بر ا</u>	white	munu	monum	When whole		
dBm——						- γ		
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						4		
20 dBm—		- Jul					4	
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30 dBm—	m						-	
man	Ĭ						- ~~~	how were and
40 dBm—								
50 aBm—								
50 dBm—								
50 dBm—	 GHz			501 r	ots		S	pan 81.3 MHz
50 dBm—								
50 dBm— F 2.422 nannel P	ower			Doulor 2	0.51 dBm	т	x Total 20.	51 dBm
50 dBm— F 2.422 hannel P Band	ower Iwidth 40	.00 MHz		EUWEL Z		•	A local Lon	
50 dBm— F 2.422 nannel P Band	ower Iwidth 40	.00 MHz		FUWEI Z	Monour	<b>4 1 1 1</b>	B 4.94	13.03.2013



oort No.:	12121201.fcc01	Page 38 of 263
Spectrum		
Ref Level 30.40	dBm Offset 0.40 dB 👄 RBW 1 MHz	
Att 4     IPk View	J dB SWI 1 ms 👄 VBW 3 MHz Mode Sweep	
20 dBm		
10 dBm	1947	mmy
0 dBm	<u> </u>	
10 d0m	arm	
-10 uBill		man in the second se
-20 dBm		
-30 dBm		
-40 dBm		
-50 dBm		
00 00		
-60 dBm	<u> </u>	
Channel Power	301 pts	Span 81.3 MH2
Bandwidth	40.00 MHz Power 25.40 dBm	Tx Total 25.40 dBm
	Measuring	13.03.2013
Spectrum Ref Level 30.4 Att	0 dBm Offset 0.40 dB <b>@ RBW</b> 1 MHz 40 dB SWT 1 ms <b>@ VBW</b> 3 MHz Mode Sweep	
●1Pk View		
20 40~		
20 aBm		
10 dBm		
0 dBm		
	/	
-10 dBm		
-20 dBm		
-20 dBm	P'	
-30 UDIII		WS(N. 17)
		white with the
-40 dBm		- We worker the
-40 dBm		
-40 dBm		
-40 dBm		
-40 dBm -50 dBm -60 dBm -60 dBm	501 nts	Span 81.3 MHz
-40 dBm -50 dBm -60 dBm CF 2.452 GHz Channel Power	501 pts	Span 81.3 MHz
-40 dBm -50 dBm -60 dBm CF 2.452 GHz Channel Power Bandwidth	501 pts 501 pts 40.00 MHz Power 23.11 dBm	Span 81.3 MHz Tx Total 23.11 dBm
-40 dBm -50 dBm -60 dBm CF 2.452 GHz Channel Power Bandwidth	501 pts 40.00 MHz Power 23.11 dBm	Span 81.3 MHz Tx Total 23.11 dBm
-40 dBm -50 dBm -60 dBm CF 2.452 GHz Channel Power Bandwidth Date: 14.MAR.20	501 pts           40.00 MHz         Power 23.11 dBm           Measuring           13         13:25:02	Span 81.3 MHz Tx Total 23.11 dBm
-40 dBm -50 dBm -60 dBm CF 2.452 GHz Channel Power Bandwidth Date: 14.MAR.20	501 pts 501 pts 40.00 MHz Power 23.11 dBm Measuring 3 13:25:02 Plot 9c	Span 81.3 MHz Tx Total 23.11 dBm



Freq- uency [MHz]	Output Power Antenna 1 [dBm]	Output Power Antenna 2 [dBm]	Limit [dBm]	Limit [mW]	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	Plot number
2422	14.3	13.2	+30	1000	3.0	19.8	95.4	10a
2437	19.3	18.0	+30	1000	3.0	24.7	295.7	10b
2452	18.4	17.0	+30	1000	3.0	23.8	238.0	TUC
Spectrur Ref Leve Att	n al 30.40 dBm 40 dB	Offset 0.4 SWT	0 dB 👄 RB 1 ms 👄 VB	W 1 MHz W 3 MHz	Mode Sweep			
) TPK VIEW								
20 dBm								
) dBm——				mon	, when when	- Jumm		
-10 dBm—						Y.		
		1						
·20 dBm—						ł	W <sub>1</sub>	
-30 dBm—	M	<u></u>					N.	
ulundu	rennered						hum	week which where
40 aBm—								
-50 dBm—		_						
.60 dBm—								
00 00.00								
CF 2.422	GHz			501 p	ts		Sp	an 81.3 MHz
hannel P	ower huidde 40 (			D	4.06 - 40	т		
Band	iwiath 40.0	JU MHZ		Power 1	4.26 dBm		x lotal 14.2	13.03.2013
ite: 13.M	IAR.2013 13	:50:29						
				Plot 1	10a-1			



Ē	Pa			cc01	1201.f	1212		).: 	Report No
			weep	Mode S	BW 1 MHz BW 3 MHz	).40 dB 👄   1 ms 👄 '	Offset ( SWT	30.40 dBm 40 dB	Ref Level 3 Att
									1Pk View
									0 dBm
				1	т				0 dBm
							_		dBm
		June			~	- water and			10 dBm
									20 dBm
	My hy						nder Mar		30 dBm
mannanda								mortune	mulum All dBm
									50 dBm
Span 81.3 MHz				pts	501			z	F 2.422 GH hannel Pow
al 13.20 dBm	Tx Total		n	13.20 dB	Power		) MHz	dth 40.0	Bandwi
			suring	Me					
				00	Dist		51:43	.2013 13	te: 13.MAR
				0a-2	Plot				











Test Report No.:	12121201.fcc01	Page 43 of 263
5.2.2 6dB and 99% Ba	ndwidth	
<b>RESULT: PASS</b>		
Date of testing:	2013-01-09 and	1 2013-03-13
Requirements:		
FCC 15.247(a)(2) an RSS For systems using digital n at least 500kHz.	odulation in the 2400-2483.5MHz b	pand, the 6dB bandwidth shall be
For 99% Bandwidth: RSS-	Gen Section 4.6.1: No requirement	is given.
Test procedure 6dB bandv	<i>i</i> idth:	
ANSI C63.10:2009 KDB Publication No. 5580 under Section 15.247.	74 D01: Measurement of Digital Tra	nsmission Systems Operating
A spectrum analyzer was or resolution bandwidth was so to capture the modulated or the modu	connected to the antenna port of the set to 100kHz, video bandwidth to 3 arrier.	EUT. The spectrum analyzer 00kHz and the span wide enough
For 99% Bandwidth:		
ANSI C63.10-2009 and RS	S-Gen.	
The transmitter shall be op conditions. The span of the process, including the emis of the selected span as is p 3 times the resolution band detector shall be used give actual.	erated at its maximum carrier powe analyzer shall be set to capture all sion sideskirts. The resolution band possible without being below 1%. The width. Video averaging is not permisen that a peak or peak hold may pro-	r measured under normal test products of the modulation dwidth shall be set as close to 1% ne video bandwidth shall be set to itted. Where practical, a sampling duce a wider bandwidth than
A spectrum analyzer was of resolution bandwidth was so the resolution bandwidth. The spectrum analyzers autom	connected to the antenna port of the set to 1% of the selected span, Vide The span was set to capture the who ated function for 99% BW was used	EUT. The spectrum analyzer to bandwidth was set to 3 times ble modulation process. The d.
Plots shown on the next page	s are of the 6 dB bandwidth.	











est Report No.:	12	121201.fcc(	)1	Page 46 of 2	63
Dperation mode: Operating Frequency [MHz]	1Mb DSSS, Anter 99% Bandwidth [kHz]	nna 2 6dB Bandwidth [kHz]	Limit [kHz]	Plot number	
2412	14120	10651	500	A	
2437	14179	12144	500	В	
2462	14210	10970	500	С	
Spectrum Ref Level 16.70 dB Att 20 d 1Pk View	m Offset 16.70 dB ≬ B SWT 38 µs ≬	■ RBW 100 kHz ■ VBW 300 kHz Mo	de Auto FFT	5.73	3 dBm
10 dBm 0 dBm -10 dBm -20 dBm	D2 and Marine			2.413447 -6. 200 -6.946	0 GHz .08 dB 0 MHz
-40 dBm					<u> </u>
-50 dBm					
-60 dBm					
-70 dBm					
-80 dBm					
darker		691 pts		span 20.0	MHZ
Type         Ref         Trc           M1         1         1           D2         M1         1           D3         M1         1	Stimulus            2.413447 GHz            -6.946 MHz            3.705 MHz	Response         F           5.73 dBm         -6.08 dB           -6.41 dB         -6.41 dB	unction	Function Result	
ate: 9.JAN.2013	09:27:40	Plot A	Measuring	09.01.20	113 440







	17		<b>,</b>		
peration mod	e: 6 Mb OFDM, An	tenna 1			
Operating Frequency [MHz]	99% Bandwidth [kHz]	6dB Bandwidth [kHz]	Limit [kHz]	Plot number	
2412	17330	16555	500	A	
2437	16623	16464	500	В	
2462	17010	16806	500	С	
Att 21 )1Pk View	ј dB <b>SWT</b> 38 µs	VBW 300 kHz Mod	M1[1]	2.02 c	lBm GH2
0 dBm -10 dBm	when when the	mi marine frances	D2[1]	:5.3- ۱۵۵۵-۲۹2330 ا ۲۹ ۲۹ ۲۹ ۲۹ ۲۹ ۲۹	2 dB MHz
-20 dBm					Ť
40 dBm					
-50 dBm					_
60 dBm					_
-60 dBm					
-60 dBm					
-60 dBm		691 pts		Span 20.0 M	Hz
-60 dBm -70 dBm -80 dBm -80 dBm -80 dBm -80 dBm -80 dBm -80 dBm -80 dBm -90	Stimulus 2.410726 GHz -7 033 MHz	691 pts	unction	Span 20.0 M Function Result	Hz

Date: 9.JAN.2013 09:30:16



Spectrum Ref Level 30.40 dBm	Offset 0.40 dB 👄 RB'	<b>W</b> 100 kHz			
● Att 40 dB ●1Pk View	SWT 1 ms 🖷 VB	W 300 kHz Mo	de Sweep		
			M1[1]	2	-4.43 dBm .4287440 GHz
20 dBm			_M2[1]	2	-3.33 dBm
10 dBm	L				
		x 0	h	4 6 6	
D1 -2900 d	Bm	when hash	uhum	Munnuntur	
-10 dBm					
6-391AB01-11-				7	Amportan.
N/ V V *					1
-30 dBm					
-40 dBm					
-50 dBm	L				
-60 dBm					
					24 0 MU
CF 2.437 GHz		501 pts		9	Jan 24.0 MHZ
CF 2.437 GHz	1:34:33	Plot B	Measuring	(11111 <b>B)</b> 4/6	13.03.2013
CF 2.437 GHz	m <b>Offset</b> 16.70 dB ●	Plot B	Measuring	(11111) ( <sup>3</sup>	13.03.2013
CF 2.437 GHz Date: 13.MAR.2013 14 Spectrum Ref Level 20.00 dB Att 20 c	1:34:33 m Offset 16.70 dB ● IB SWT 3.8 μs ●	501 pts Plot B RBW 1 MHz VBW 3 MHz M	Measuring		13.03.2013
CF 2.437 GHz Date: 13.MAR.2013 14 Spectrum Ref Level 20.00 dB Att 20 c 1Pk View	т Offset 16.70 dB ● 18 SWT 3.8 µs ●	Plot B	Measuring ode Auto FFT M1[1]	M1111	8.20 dE 2.4686270 G
CF 2.437 GHz Date: 13.MAR.2013 14 Spectrum Ref Level 20.00 dB Att 20 c 10 dBm T1 V	m Offset 16.70 dB ● iB SWT 3.8 µs ●	S01 pts Plot B RBW 1 MHz VBW 3 MHz M	Measuring ode Auto FFT M1[1] 	M1	8.20 dE 2.4686270 G 726.00 M
CF 2.437 GHz	m Offset 16.70 dB • 18 SWT 3.8 μs •	S01 pts Plot B RBW 1 MHz VBW 3 MHz M	ode Auto FFT M1[1] Bw Q factor	M1 M1 M1 M1 M1 M1 M1 M1	8.20 de 2.4686270 G 7_26.00 80600000 M
CF 2.437 GHz	m Offset 16.70 dB ● iB SWT 3.8 µs ●	S01 pts Plot B	Measuring ode Auto FFT M1[1] Bw Q factor	M1 16.	8.20 dE 2.4686270 G 806000000 146
CF 2.437 GHz Date: 13.MAR.2013 14 Spectrum Ref Level 20.00 dB Att 20 c 1Pk View 10 dBm 10 dBm -10 dBm -20 dBm	m Offset 16.70 dB • 1: 34: 33 1: 34: 33 m Offset 16.70 dB • 1: 34: 33	S01 pts Plot B RBW 1 MHz VBW 3 MHz M	Measuring ode Auto FFT M1[1] Bw Q factor	M1	8.20 dE 2.4686270 G 7.56.00 80600000 M
CF 2.437 GHz	4:34:33 m Offset 16.70 dB ● IB SWT 3.8 µs ●	S01 pts Plot B RBW 1 MHz VBW 3 MHz M	Measuring	M1 16.	8.20 dE 2.4686270 G T2 <sup>6.00</sup> 80600000 M
CF 2.437 GHz Date: 13.MAR.2013 14 Spectrum Ref Level 20.00 dB Att 20 c 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm -40 dBm	4:34:33 m Offset 16.70 dB ● iB SWT 3.8 μs ●	S01 pts Plot B RBW 1 MHz VBW 3 MHz M	Measuring ode Auto FFT M1[1] mdB Bw Q factor I I I I I I I I I I I I I	M1 16.	8.20 dE 2.4686270 G 80600 M
CF 2.437 GHz  Date: 13.MAR.2013 14  Spectrum Ref Level 20.00 dB Att 20 c  10 dBm 10 dBm -20 dBm -30 dBm -40 dBm -50 dB	M Offset 16.70 dB ● 18 SWT 3.8 µs ●	S01 pts Plot B RBW 1 MHz VBW 3 MHz M	ode Auto FFT M1[1] Bw Q factor	M1 16.	8.20 de 2.4686270 G 7_26.00 80600000 M
CF 2.437 GHz  Date: 13.MAR.2013 14  Spectrum Ref Level 20.00 dB Att 20 c  10 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -50 dBm -60 dB	4:34:33 m Offset 16.70 dB • iB SWT 3.8 μs •	S01 pts Plot B RBW 1 MHz VBW 3 MHz M	Measuring	M1 M1 16.	8.20 dE 2.4686270 G T26.00 M
CF 2.437 GHz Date: 13.MAR.2013 14 Spectrum Ref Level 20.00 dB Att 20 of 10 dBm 10 dBm -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm	M Offset 16.70 dB • B SWT 3.8 μs • 	S01 pts Plot B RBW 1 MHz M VBW 3 MHz M	Measuring	M1	8.20 dE 2.4686270 G 7.56.00 80600000 M
CF 2.437 GHz  Date: 13.MAR.2013 14  Spectrum Ref Level 20.00 dB Att 20 c  10 dBm 10 dBm 10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm	m Offset 16.70 dB ● B SWT 3.8 µs ●	501 pts Plot B RBW 1 MHz M VBW 3 MHz M	Measuring		8.20 dE 2.4686270 G 7.26.00 80600000 M
CF 2.437 GHz  Date: 13.MAR.2013 14  Spectrum Ref Level 20.00 dB Att 20 c  10 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -50 dBm -70 dBm -70 dBm CF 2.462 GHz Marker	M Offset 16.70 dB • iB SWT 3.8 μs •	501 pts	Measuring ode Auto FFT M1[1] mdB Bw Q factor I I I I I I I I I I I I I	M1 M1 16.	8.20 dE 2.4686270 G 726.00 8060000 M
CF 2.437 GHz           Date:         13.MAR.2013         14           Ref Level         20.00 dB         Att         20 cl           In the second sec	M Offset 16.70 dB ●     B SWT 3.8 μs ●	501 pts Plot B RBW 1 MH2 WBW 3 MH2 M	Measuring	M1	8.20 de 8.20 de 2.4686270 G T_6.00 80600000 M 144 Span 20.0 MH Result 16.806 MH
CF 2.437 GHz           Date:         13.MAR.2013         14           Ref Level         20.00 dB         At         20 c           ID dBm         10 dBm         10 dBm         10 dBm         10 dBm           -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 d	M Offset 16.70 dB ● B SWT 3.8 µs ● SWT 3.8 µs ● Stimulus 2.468627 GHz 2.453577 GHz 2.453577 GHz	501 pts Plot B RBW 1 MHz VBW 3 MHz M SOL PLOT B RBW 1 MHZ VBW 3 MHZ M SOL PLOT B RESPONSE B.20 dBm 2.11 dBm	Mission       ode       Auto FFT       M1[1]       adB       Bw       Q factor       Image: Second Secon	M1 M1 16. 16. 16. 16. 16. 16. 16. 16	8.20 dE 8.20 dE 2.4686270 G T2 <sup>6.00</sup> 80600000 M 146 5pan 20.0 MH 2.506 MH 6.00 d 146.5



ation mode: Operating	99% Bandwid	Intenna 2 Ih 6dB Bandwidth	Limit	Plot	
requency [MHz]	[kHz]	[kHz]	[kHz]	number	
2412	17410	16555	500	A	
2437	17437	16464	500	В	
2462	17010	16527	500	С	
Ref Level 16.7 Att 1Pk View	70 dBm Offset 16.7 20 dB SWT 3	70 dB ● RBW 100 kHz 38 µs ● VBW 300 kHz M	ode Auto FFT		1.99 dBm
10 dBm	man and and	han the second for	D2[1]	2.413	2450 GHz -7.54 dB 8510 MHz
-10 dBm					hung w
-30 dBm					
-40 dBm					
-50 dBm					
-60 dBm					
-70 dBm					
-80 dBm					
CF 2.412 GHz		691 pts		Span 2	0.0 MHz
Marker	ro Stimulus	Bosponso	Function	Eunction Bocult	
Type Ker I	1 2,413245	GHz 4.33 dBm	Function	Function Result	
M1					







Operating	99% Bandwidth	6dB Bandwid	th L	imit	Plot
Frequency [MHz]	[kHz]	[kHz]	[ŀ	(Hz]	number
2412	18040	17684	Ę	500	А
2437	17964	17740	Ę	500	В
2462	20990	17725	Ę	500	С
) dBrazenter	Amtorton	way way	the	hur	3.19 UBM /
-10 dBm -20 dBm -30 dBm -40 dBm					
-10 dbm -20 dBm -30 dBm -40 dBm -50 dBm					
-10 dbm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm					
-10 dbm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm					
-10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm -70 dBm					
-10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm -70 dBm -80 dBm -80 dBm -70 dBm -80 dBm		691 pts			Span 20.0 MHz
-10 dbm -20 dBm -30 dBm -40 dBm -50 dBm -50 dBm -70 dBm -70 dBm -80 dBm <u>CF 2.412 GHz</u> 1arker <u>Type Ref Trc</u>	Stimulus	691 pts		Func	Span 20.0 MHz
-10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -50 dBm -50 dBm -70 dB	Stimulus 2.413245 GHz	691 pts Response F 3.19 dBm 6 90 db		Func	Span 20.0 MHz

Date: 9.JAN.2013 09:45:10







peration mode	e: HT4-20 MHz, Ai	ntenna 2			
Operating Frequency [MHz]	99% Bandwidth [kHz]	6dB Bandwidth [kHz]	Limit [kHz]	Plot number	
2412	18120	17742	500	A	
2437	17820	17760	500	В	
2462	17960	17805	500	С	
Att 1Pk View 10 dBm	20 dB SWT 38	µs 🖶 VBW 300 kHz 🛛 🕅	10de Auto FFT M1[1]	M1 2.410	4.10 dBı 59780 G⊦
Att ● 1Pk View 10 dBm 0 dBm = 10 dBm	20 dB SWT 38		Iode Auto FFT M1[1] D2[1]	M1 2.410	4.10 dBi 59780 GF -6.91 d .8649 MF
Att 10 dBm 0 dBm -10 dBm -10 dBm -20 dBm	20 dB SWT 38		Iode Auto FFT           M1[1]           D2[1]           Amountain for the second se	M1 2.410	4.10 dBi 59780 GH -6.91 d 8649 MH
Att 1Pk View 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm	20 dB SWT 38		Iode Auto FFT           M1[1]           D2[1]           Amy	M1 2.410	4.10 dBi 59780 GH -6.91 d .8649 MH
Att 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm	20 dB SWT 38	μs • VBW 300 kHz M	Iode Auto FFT           M1[1]           D2[1]           Amount	M1 2.410	4.10 dBi 59780 GH -6.91 d 8649 MH
Att Att 1Pk View 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm			Iode Auto FFT           M1[1]           D2[1]           Amy Anno M           Image: I	M1 2.410	4.10 dBi 59780 GH -6.91 d .8649 MH
Att 1Pk View 10 dBm 0 dBm -10 dBm -20 dBm -20 dBm -30 dBm -50 dBm -60 dBm			Iode Auto FFT           M1[1]           D2[1]           Awy           I           I	M1 2.410	4.10 dBi 59780 GH -6.91 d .8649 MH
Att 1Pk View 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm			M1[1]           D2[1]           Amy Anno 1           Image: State of the	M1 2.410	4.10 dBi 59780 GH -6.91 d .8649 MH
Att Att 1Pk View 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -60 dBm -70 dBm -80 dBm			Iode Auto FFT           M1[1]           D2[1]           Amount           Image: State Sta	M1 2.410	4.10 dBi 59780 GH -6.91 d 8649 MH
Att		ря • VBW 300 kHz м	Dode Auto FFT           M1[1]           D2[1]           Awy           Image: State	M1 2.410	4.10 dBi 59780 GH -6.91 d -8649 MH
Att           • 1Pk View           10 dBm           0 dBmay           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -50 dBm           -60 dBm           -70 dBm           -60 dBm           -70 dBm           -70 dBm           -70 dBm           -30 dBm           -50 dBm           -60 dBm           -70 dBm           -80 dBm           -80 dBm           -70 dBm           -80 dBm           -80 dBm           -70 dBm           -80 dBm           -80 dBm           -70 dBm           7	20 dB SWT 38	PS • VBW 300 kHz W	Iode Auto FFT           M1[1]           D2[1]           Ample           Image: State Stat	M1 2.410	4.10 dBi 59780 GH -6.91 d .8649 MH

Date: 9.JAN.2013 09:47:38









Date: 9.JAN.2013 10:04:50

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	12121				J
Spectrum	3m Offiset 0.40 dB 👄	RBW 100 kHz			
Att 40	dB SWT 1ms 👄	VBW 300 kHz Made s	Зжөвр		
JER VIBW		M	1[1]		-7.89 dB
20 dBm		M:	2[1]	2	-7.65 dB
10 dBm				<u> </u>	PHada zu Gr
0 dBm	Ale Andrewhen	her har washing	hermal	whyleres2	
-10 dBm	J dBm	W.			
-20 dBm				<u>۲</u>	
ahll					1 WWW
-30 06m					
-40 dBm					
-50 dBm					
-60 dBm					
CF 2.497 GHz		501 pts		Бра	n 24.0 MH;
ate: 13.MAR.2013	16:06:53				
ate: 13.MAR.2013	16:06:53	Plot B			
Spectrum	16:06:53				
Spectrum Ref Level 16.70 Att 20	16:06:53 ЗВт <b>Offset</b> 16.70 dB dB <b>SWT</b> 38 µs	Plot B	suta FFT		(₩)
Spectrum Ref Level 16.70 Att 20 10 JPk View	16:06:53 ЗВт Offset 16.70 dB ⊜ ) dB SWT 38 µs ⊜	Plot B	uta FFT	2 45	9.49 dBm
Spectrum Ref Level 16.70 Att 20 10 dBm M1 0 dBm 0 dBm	16:06:53 Вт Offset 16.70 dB = 0 dB SWT 38 µs =	Plot B	uta FFT I[L]	2.46 Www.wwhy	9.49 dBm 44950 GHz , 13170 MHz 3170 MHz
Spectrum Ref Level 16.70 Att 20 1Pk Visw 10 dBm 0 dBm - ApJdBm	16:06:53 Эвт Offset 16.70 dB ) dB SWT 38 µs	Plot B	iuta FFT I[1] JJIL MM M	2.46 Www.ww.ly	9.49 dBm 44950 GHz 14950 GHz 14979 dB 3170 MHz
Spectrum Ref Level 16.70 Att 20 10 dBm M1 0 dBm	16:06:53 JBm Offset 16.70 dB = 0 dB SWT 38 µs =	Plot B	uta FFT	2,45 Muruny	9.49 dBm 44950 GHz 3170 MHz
Spectrum           Ref Level 16.70           Att         20           10 dBm         M1           0 dBm         -20 dBm           -30 dBm         -30 dBm	16:06:53 JBm Offset 16.70 dB = ) dB SWT 38 µs = 	Plot B	uta FFT ال[1]	2.46 WWWWW	9.49 dBm 44950 GHz 28379 dB 3170 MHz
Spectrum Ref Level 16.70 Att 20 10 dBm -20 dBm -30 dBm -40 dBm	16:06:53 Вт Offset 16.70 dB • ) dB SWT 38 µs • 	Plot B	ilt]	2.46 Mumumly	9.49 dBm 44950 GHz 3170 MHz
Spectrum           Ref Level 16.70           Att         20           9 IPk Visw           10 dBm           -20 dBm           -30 dBm           -50 dBm	16:06:53 3Bm Offset 16.70 dB • ) dB SWT 38 µs • 	Plot B	uta FFT ال[1] المالي المراجع الم	2.46 ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	9.49 dBm 44950 GHz 2379 dB 3170 MHz
Spectrum           Ref Level 16.70           Att         20           ID dBm         10           0 dBm         40           -20 dBm         -30 dBm           -50 dBm         -60 dBm	16:06:53 JBm Offset 16.70 dB 38 µs what when the set of the	Plot B	ilt]		9.49 dBm 44950 GHz 44950 GHz 31 70 MHz
Spectrum           Ref Level 16.70           Att         20           9 IPk Visw           10 dBm         M1           0 dBm         -20 dBm           -30 dBm         -50 dBm           -60 dBm         -70 dBm	16:06:53	Plot B	iuta FFT		9.49 dBm 44950 GHz - 19379 dB - 3170 MHz
Spectrum       Ref Level 16.70       Att       20       10 dBm       0 dBm       -20 dBm       -30 dBm       -50 dBm       -60 dBm	16:06:53 Ben Offset 16.70 dB = 0 dB SWT 38 μs = 0 dL SWT 38 μs = 0 dL SWT	Plot B			9.49 dBm 44950 GHz 3170 MHz
Spectrum         Ref Level 16.70         Att       20         9 IPk Visw         10 dBm         -20 dBm         -30 dBm         -50 dBm         -60 dBm         -70 dBm         -80 dBm         -70 dBm         -70 dBm         -80 dBm         -70 dBm         -70 dBm         -80 dBm	16:06:53 ЗВт Offset 16.70 dB • 0 dB SWT 38 µs • 	Plot B		2.46 ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	9.49 dBm 44950 GHz 3170 MHz
Spectrum         Ref Level 16.70         Att       20         ID dBm       41         0 dBm       40         -20 dBm       -30 dBm         -30 dBm       -60 dBm         -60 dBm       -60 dBm         -70 dBm       -70 dBm         -80 dBm       -70 dBm         -10 dBm       -70 dBm         -10 dBm       -70 dBm         -10 dBm       -60 dBm         -10 dBm       -60 dBm         -10 dBm       -70 dBm         -10 dBm       -10 dBm	16:06:53	Plot B		2.46 MumumMy I Spon Function Result	9.49 dBm 44950 GHz 3170 MHz 20.0 MHz
Spectrum           Ref Level 16.70           Att         20           9 IPk Visw           10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -60 dBm           -60 dBm           -70 dBm           -80 dBm           -10 dBm           -20 dBm           -30 dBm           -50 dBm           -60 dBm           -70 dBm           -80 dBm           -90 dBm           -90 dBm           -90 dBm           -10 g2 M1 1           02 M1 1	16:06:53	Plot B		2.46 WWWWY 1 1 1 1 1 1 1 1 1 1 1 1 1	9.49 dBm 44950 GHz - 1379 dB - 3170 MHz 
Spectrum           Ref Level 16.70 (           Att         20           ID dBm         20           ID dBm         40           -A0.dBm         -30 dBm           -50 dBm         -60 dBm           -60 dBm         -60 dBm           -70 dBm         -10 dBm           -10 dBm         -10 dBm           -50 dBm         -10 dBm           -60 dBm         -60 dBm           -70 dBm         -60 dBm           -70 dBm         -10 dBm	16:06:53	Plot B		2.46 Mumunny I Spon Function Result	9.49 dBm 44950 GHz 3170 MHz 20.0 MHz



oporating	99% Bandwidth	6dB Bandwidth	Limit	Plot	1
<sup>-</sup> requency [MHz]	[kHz]	[kHz]	[kHz]	number	
2422	36090	35330	500	A	1
2437	36216	35328	500	В	1
2452	36410	35330	500	С	1
1Pk View			M1[1]	-3.5	9 dBm
-10 dBm	- Junit marken berger	hubry with my pour	hule the hor how have	-8 minununununununununununununununununununu	.71 dB
-20 dBm		1			
				٩,	
-30 dBm Lyftyn 40 dBm				- Anno	n. y
-30 dBm - 70 -30 dBm - 70 -30 dBm50 dBm					Moral
-30 dBm 40 dBm -50 dBm -60 dBm					r frot
-30 dBm +40 dBm -50 dBm -60 dBm -70 dBm					n Jong
-30 dBm 400 dBm -50 dBm -60 dBm -70 dBm					Mont
-30 dBm 40 dBm -50 dBm -60 dBm -70 dBm -90 dBm					n de la constante



est Report No.:	1212	1201.fcc(	)1		Page 5	9 of 263
Spectrum Ref Level 30.	40 dBm Offset 0.40 dB (	<b>R6W</b> 100 kHz			[	<b>⊞</b>
e Att	40 d8 SWT 1 ms (	VBW 300 kHz Mc	de Sweep			<b>_</b> 1
20 dBm			M1[1] M2[1]		-7.99 dt 2.4193360 G -7.19 dt 2.4546640 G	Bm iHz Bm iHz
10 dBm				_		
0 dBm	+.740 dBmy www.white	mululury present	who have a	Wow husters	N12	
-10 dBm	101 - 2010 1011	₩		(a	-	_
-20 dBm						
-30 dBm					Hundrowy	wal
-40 dBm						_
-50 dBm						_
-60 aBm						
CF 2.437 GHz		501 pts			5pan 49.0 MF	łz
		)	Measuring	(		
	_	Plot B			_	_
Spectrum						<b>,</b>
Att	20 dB SWT 56.9 µs	<ul> <li>RBW 100 kHz</li> <li>VBW 300 kHz</li> <li>M</li> </ul>	ode Auto FFT			_
●1Pk View			M1[1]		-1.57 dBr	n
0 dBm		J. 6 J. 6		ЛЬ	2.4556900 GH -9.83 di	z B
-10 dBm	planter www.manner	when the second se		-moholingha bo	AAA3 -21.3600 MH	z
-20 dBm						-
-3R dB.R. M					- Willing	-
-40 dBm					- Mark	<del>م</del>
-50 dBm						4
-60 dBm						4
-70 dBm						4
-80 dBm						4
CF 2.452 GHz Marker		501 pts			Span 50.0 MHz	
Type Ref	Stimulus           1         2.45569 GHz	Response F -1.57 dBm	unction	Functi	on Result	
D2 M1 D3 M1	1 -21.36 MHz 1 13.97 MHz	-9.83 dB -9.69 dB				-
			Measuring	() ·	12.02.2013	
Date: 12.FEB.2	013 09:28:26					
		Plot C				
		1 100 0				



	14		J 1	1 490 00 01 2	
eration mode:	: H14-40 MHz wide	e, Antenna 2			-
Operating Frequency [MHz]	99% Bandwidth [kHz]	6dB Bandwidth [kHz]	Limit [kHz]	Plot number	
2422	35930	34030	500	A	1
2437	36024	35328	500	В	1
2452	35930	35230	500	С	1
		1			4
att 1Pk Visw	20 dB <b>SW</b> T 56.9	µs 🐢 VBW 300 kHz	Mode Auto FFT		and the
			M1[1]	-1.	95 dBm
0 dBm			M1	2.42579	70 GH:
P#	1 1. palmanan	way windertailunter	alutation where where	aligned 1 1 1-21.36	50 MH
-10 dBm - 10	A WORLD	- U			
-20 dbm		T T			
-20 ubiii					
-30 dBm -					
-30 dBm				- hurd	Why .
-30 dBm -30 dBm -30 dBm -40 dBm					un land
-30 dBm					uw Jawa
-30 dBm					un las
-30 dBm -30 dBm -40 dBm -50 dBm					u Inos
-30 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm					the y lipes
-30 dBm -40 dBm -50 dBm -60 dBm -70 dBm					the Japas
-30 dBm -40 dBm -50 dBm -60 dBm -70 dBm					uw Jopes
-30 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm -80 dBm		501 etc		Share 48	
-30 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm -80 dBm -80 dBm -80 dBm -80 dBm		501 pt s			
-30 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm -80 dBm -80 dBm -80 dBm -70 dB	c   Stimulus	501 pts	Function	Spon 48.	0 MHz
-30 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm -80 dBm -80 dBm -80 dBm -80 dBm -90 dB	C Btimulus 1 2.425737 GH	501 pts	Function	Spon 48.	0 MHz
-30 dBm -40 dBm -50 dBm -50 dBm -70 dBm -70 dBm -90 dB	C Stimulus 1 2.425737 GH 1 -21.365 MH 1 -21.365 MH	501 pts	Function	Spon 48.	a MHz



	121212	01.fcc01		Page 61 d
Spectrum Ref Level 30.40 d Att 40 1Pk Visw	p			
20 dBm		M1[1] M2[1]		-4.94 dBm 2.4193360 GHz -4.92 dBm 2.4546640 GHz
0 dBm	o dem www.www.www.www.	hallow water hole to	uturtururullungi wantur	
₩29µффт				annowing
-40 dBm				
-60 dBm GF 2.437 GHz		501 pts		Span 49.0 MHz
Spectrum		Plot B		
Ref Level 9.70 dB Att 20 d Sa View	m Offset 16.70 dB ● RB dB SWT 56.9 µs ● VB	W 100 kHz W 300 kHz Mode Auto F	FT	0.90 dBm 2.4556900 GHz
0 dBm	menterter puter to the trade	the way with the the	and marked marked and a second	-10.37 dB
-20 dBm		VP		
-20 dBm				han man
-20 dBm				Mar
-20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm -70 dBm -80 dBm -80 dBm -80 dBm -80 dBm		501 pts		Span 50.0 MHz
-20 dBm -30 dBm -40 dBm -40 dBm -50 dBm -60 dBm -70 dBm -80 dBm -80 dBm -80 dBm -80 dBm -70 dBm -70 dBm -80 dBm -70 dBm -80 dB	Stimulus         R           2.455569 GHz         -21.36 MHz           13.87 MHz         13.87 MHz	501 pts           500 dBm           -10.37 dB           -9.42 dB	Function	Span 50.0 MHz Result



		12	121201.100		1 490 02 01 200
Operation mo Operating Frequency	de: HT 99	8-40 MHz wide % Bandwidth [kHz]	, Antenna 1+2 6dB Bandwidth [kHz]	Limit [kHz]	Plot number
2422		35930	35320	500	Α
2437		35737	35328	500	В
2452		36090	35330	500	С
Att 1Pk Visw	20 dB	SWT 56.9 µs	• VBW 300 kHz	Mode Auto FFT	8.06 dBm
0 dBm -10 dBm -10 dBm -10 dBm	per la	hand and a stand a stan	with all all all when you		-11.21 de
-30 dBm		<u> </u>			
-40 dBm			10 22		
-50 dBm		1 1			
-50 dBm					
-50 dBm -60 dBm -70 dBm -80 dBm					
-50 dBm -60 dBm -70 dBm -80 dBm CF 2.422 GH	z		501 pts		Spon 50.0 MHz
-50 dBm -60 dBm -70 dBm -80 dBm CF 2.422 GH Marker Type Ref	z		501 pts	Function	Spon 50.0 MHz Function Result
-50 dBm -60 dBm -70 dBm -80 dBm CF 2.422 GH Marker Type Ref M1	z Trc 1	6timulus 2.41701 GHz	501 pts Response 8.06 dBm	Function	Spon 50.0 MHz Function Result
-50 dBm -60 dBm -70 dBm -70 dBm -80 dBm CF 2.422 GH Morker Type Ref M1 02 M1 03 M1	z Trc 1 1 1	6timulus 2.41701 GHz -12.67 MHz 22.65 MHz	501 pts 501 pts 8.05 dBm -11.21 dB -11.99 dB	Function	Spon 50.0 MHz Function Result







Test Report No.:	12121201.fcc01	Page 64 of 263
5.2.3 Peak Power	Spectral Density	
RESULT: PASS		
Date of testing:	2013-01-12 / 2013	3-03-14
Requirements:		
FCC 15.247(e) and RS	S-210 section A8.2(b)	
For digitally modulated intentional radiator to th time interval of continuo	systems, the power spectral density (PSI e antenna shall not be greater than 8dBn ous transmission.	D) conducted from the n in any 3kHz band during any
Test procedure:		
ANSI C63.10:2009 KDB Publication No. 55 under Section 15.247.	8074 D01: Measurement of Digital Trans	mission Systems Operating
The Peak PSD Option 7 antenna port of the EUT bandwidth was set to 10 to stabilize before makin maximum amplitude was generated by all the inv	1 procedure was used. A spectrum analyz T. The analyzer resolution bandwidth was DkHz. The sweep time was set to auto co ng the final measurement. By using the F is determined. The final measurement tak olved cables.	zer was connected to the set to 3kHz and the video uple and the trace was allowed Peak marker function the kes into account the loss











Dperating requency	Max PSD [dBm]	Limit [dBm]	Verdict [Pass/Fail]	Plot		
2412	-10.85	8	Pass	A	-	
2442	-9.67	8	Pass	В		
2462	-10.21	8	Pass	С		
nasteuro	۲ ۲					
Ref Level 10.0	00 dBm Offset	16.70 d8 🖝 RBW	3 kHz			[∀]
Att View	20 de <b>SW</b> T	4.4 ms 🐡 VBW	10 kHz Mode	Auto FFT		
IFR VIEW		8	M	11[1]		-10.85 dBm
d8m			-	F F	2.4	100240 GHz
2010212-2		MI	6			
.0 dBm		marchael	my permin	houghes		
20 dBm		A	V	- 1h		
	1 mer	V			m.	
10 dBm	1				74	
0 d8m	1				Y	
unn	what				My	Moren
mab oi		-	1			1
un dam					(au	
o abin			20			
'0 dBm		+				
U GBM						
E 7 412 GH2			501 pts		Spar	30.0 MHz
T			do t pro			- COLO MARE
	2 14.02.15					
C. 3.044.201						
			Plot A:			







Image: Predency [MHz]       [dBm]       [Pass/Fail]         [MHz]       -14.21       8       Pass       A         2437       -10.76       8       Pass       B         2462       -11.39       8       Pass       C         Spectrum         Ref Level 30.40 dB       Offset 0.40 dB       RBW 3 kHz         Att 40 dB       SWT 334 ms e VBW 10 kHz       Mode Sweep         DIPk View         10 dBm       Offset 0.40 dB e RBW 3 kHz         Att 40 dB       SWT 334 ms e VBW 10 kHz         M1[1]       -14-21 dBm         0 dBm       -14-21 dBm         -10 dBm       -14-21 dBm         -10 dBm       -40 dBm         <	Operating	Max PSD	Limit	Verdict	Plot	1	
2412       -14.21       8       Pass       A         2437       -10.76       8       Pass       B         2462       -11.39       8       Pass       C         Spectrum       Image: Construction of the construle of the construction of the construction of the co	Frequency [MHz]	[dBm]	[dBm]	[Pass/Fail]			
2437         -10.76         8         Pass         B           2462         -11.39         8         Pass         C           Spectrum         Image: Construction of the	2412	-14.21	8	Pass	A	4	
Z402         -11.39         8         Pass         C           Spectrum         Image: Comparison of the second	2437	-10.76	8	Pass	В	-	
Spectrum         Image: Constraint of the second of th	2462	-11.39	8	Pass	U		
Ref Level         30.40 dBm         Offset         0.40 dB         RBW         3 kHz           Att         40 dB         SWT         334 ms         VBW 10 kHz         Mode         Sweep           D1Pk View         -14.21 dBm         2.4040960 GHz         -14.21 dBm         2.4040960 GHz           20 dBm         0 dBm         -14.21 dBm         -14.21 dBm         -14.21 dBm           10 dBm         0 dBm         -10 dBm         -14.21 dBm         -14.21 dBm           -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm           -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm         -10 dBm	Spectrum	ר					
Att         40 db         SWT         334 ms         VBW         10 kHz         Mode         Sweep           10 dBm         2.4040960 GHz         2.4	Ref Level 30.	40 dBm Offset	0.40 dB 🔵 RBW	3 kHz			( • )
M1[1]     -14.21 dBm       20 dBm     2.4040960 GHz       10 dBm     2.4040960 GHz       10 dBm     10 dBm       -10 dBm     10 dBm	Att	40 dB <b>SWT</b>	334 ms 🔵 VBW	10 kHz Mode 9	Зweep		—
20 dBm     2.4040960 GH2       10 dBm     10 dBm       10 dBm     10 dBm       .10 dBm     10 dBm       .20 dBm </td <td></td> <td></td> <td></td> <td>N</td> <td>M1[1]</td> <td>-14.3</td> <td>21 dBm</td>				N	M1[1]	-14.3	21 dBm
10 dBm     10 dBm <td>20 dBm</td> <td></td> <td></td> <td></td> <td></td> <td>2.40409</td> <td>60 GHz</td>	20 dBm					2.40409	60 GHz
10 dBm     0 dBm     0 dBm     0 dBm       10 dBm     0 dBm     0 dBm     0 dBm       20 dBm     0 dBm     0 dBm     0 dBm       30 dBm     0 dBm     0 dBm     0 dBm       40 dBm     0 dBm     0 dBm       40 dBm     0 dB							
D dBm       Image: Constraint of the second of	10 dBm		+		+		
10 dBm       mi         20 dBm       mi         30 dBm       mi         40 dBm <td>0 dBm</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	0 dBm						
10 dBm							
20 dBm 30 dBm 40 dBm 40 dBm 40 dBm 60 dBm 25 2.412 GHz 501 pts 13.03.2013 13.03.2013	-10 dBm	M1					
30 dBm     30 dBm       40 dBm     40 dBm       60 dBm     501 pts       Span 30.0 MHz       11 40 dBm       11 40 dBm	-20 dBm	ph/Ww	showing the pro-	MM Marin	MMMMM	stwy	
30 dBm     40 dBm <td></td> <td></td> <td></td> <td>V</td> <td></td> <td></td> <td></td>				V			
40 dBm 40 dBm 40 dBm 60 dBm 60 dBm 2F 2.412 GHz 501 pts 13.03.2013 13.03.2013	-30 dBm	- JA				- Un L	
40/048m     "MMM"       60 dBm     60 dBm       501 pts     Span 30.0 MHz	-40 dBm	and M	<u> </u>			Maria	
450 (dBm)     60 dBm       60 dBm     60 dBm       3F 2.412 GHz     501 pts       Span 30.0 MHz	Lawren Jul	]*0				"WWWWWW	4.u.
60 dBm     60 dBm     60 dBm     60 dBm       CF 2.412 GHz     501 pts     Span 30.0 MHz       Measuring     13.03.2013	,490/μBm					U,	"WWW
CF 2.412 GHz         Span 30.0 MHz           Measuring         13.03.2013	-60 dBm		<u> </u>		<u> </u>		
CF 2.412 GHz         Span 30.0 MHz           Image: Solid strain strai							
Measuring 11:02:07	CF 2.412 GHz			501 pts		Span 30.	0 MHz
				Me	asuring	18.03	2013
				Plot A			
Plot A							
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Plot A							














Operating	May DSD	Limit	Verdict	Plot	1	
Frequency [MHz]	[dBm]	[dBm]	[Pass/Fail]			
2412	-10.87	8	Pass	А	1	
2437	-9.50	8	Pass	В	]	
2462	-10.87	8	Pass	С	]	
lot A Spectrum	L				(Ę	Di 7
Ref Level 10	.00 dBm Offs	r 4.4 ms 📾 VB	W 3 kHz W 10 kHz Mode	Auto SET		_
1Pk View				AULU PET		ב
			M	11[1]	-10.87 dBn 2.4194850 GH	n
0 dBm	-+-			+		-
-10 dBm					Mi	
*LO ubin	Im	umummin.	Marriella indiana	Madan	WINNI	٦
-20 dBm						-
-30 dBm	A.				N.	
hatra Manual	Went				www.www.hhn	A
-40 dBm		-+				M
50 dBm						
-00 ubm						٦
-60 dBm						-
-70 dBm						
-76 660						
-80 dBm						-
CF 2.412 GHz			501 pts		Span 30.0 MHz	]
				the set of a	A REAL PROPERTY AND A REAL	







Operation mo	de: HT4-20 M	Hz, Antenna	2		
Operating Frequency [MHz]	Max PSD [dBm]	Limit [dBm]	Verdict [Pass/Fail]	Plot	
2412	-9.78	8	Pass	A	
2437	-9.28	8	Pass	В	
2462	-9.34	8	Pass	С	
Att 19k Visw	20 d8 <b>SW</b> T	4.4 ms 👄 ¥B	W 10 kHz Mode A	Suto FFT	-9.78 dBm
0 dBm				-	2.4132570 GHz
-10 dBm	mmy	munnyh	WWW MANNA	Marchandyun	
27.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.					η.
-20 dBm	A	1 1			
-20 dBm -30 dBm 40 dBm 40 dBm	Abort				markallandrada
-20 dBm -30 dBm 40 dBm -50 dBm	March				m why why was
-20 dBm -30 dBm 40 dBm -50 dBm -50 dBm	would				manduland
-20 dBm -30 dBm -30 dBm -50 dBm -50 dBm -70 dBm	All and a second				m while we want and
-20 dBm -30 dBm -30 dBm -50 dBm -50 dBm -70 dBm -80 dBm	All and a second				n why him what







peration mo	ode: HT8-20	MHz, Antenna	1+2		_	
Operating Frequency [MHz]	Max PSD [dBm]	Limit [dBm]	Verdict [Pass/Fail]	Plot		
2412	-15.96	8	Pass	А		
2437	-14.99	8	Pass	В		
2462	-16.53	8	Pass	С		
Att 1Pk View	40 dB SWT	334 ms • VBW	10 kHz Mode S	weep		-15.96 dBm
20 dBm					2.	4194850 GHz
10 dBm						
D dBm						
-10 dBm					M1	
-20 dBm	hralla	on where we have a second second	handhana	MANANA	holy of the second seco	
-30 dBm	Å				h,	
-40 dBm	W				how	Ku.
-SU dBm						Mr. My







peration mo	de: HT4-40 M	IHz wide. Ante	enna 1			
Operating Frequency [MHz]	Max PSD [dBm]	Limit [dBm]	Verdict [Pass/Fail]	Plot		
2422	-17.58	8	Pass	А		
2437	-14.00	8	Pass	В		
2452	-14.68	8	Pass	С		
Spectrum	ר					Ē
Ref Level 30.	40 dBm Offset	0.40 dB 👄 RBW	3 kHz			( ~ )
Att 1Pk View	40 dB <b>SWT</b>	667 ms 🖷 VBW	10 kHz Mode Sv	veep		
			Mi	[1]	2	-17.58 dBm 419490 GHz
20 dBm						
) dBm						
-10 dBm						
			M1			
	. in shead with	approximated and a second	while more while	WWWWWWWWWWW	March	
20 dBm	CIDE DIRECTORY: I			Ind	վատվա	
20 dBm	Anotolio III o					
20 dBm	Janata and a state of the state		ų,			
20 dBm			4			
20 dBm 30 dBm 40 dBm 50 dBm	No for the fill of the second		y).			
20 dBm 30 dBm 40 dBm 50 dBm	And Marker all a compared and a comp		y,		h h h h h h h h h h h h h h h h h h h	u
20 dBm 30 dBm 40 dBm 50 dBm 50 dBm 60 dBm	Aby No.		ų,,		- Hing y	hong have been a second







peration mo	de: HT4-40	MHz wide, Ant	enna 2		1
Operating Frequency [MHz]	Max PSD [dBm]	Limit [dBm]	Verdict [Pass/Fail]	Plot	
2422	-16.10	8	Pass	А	1
2437	-10.91	8	Pass	В	]
2452	-13.95	8	Pass	С	]
Spectrum Ref Level 30. Att )1Pk View	40 dBm Offset 40 dB SWT	t 0.40 dB 👄 RBW 667 ms 👄 VBW	3 kHz 10 kHz <b>Mode</b> S	бweep	
			P	41[1]	-16.10 dBm 2 414460 CH
20 dBm					2.111100 0112
10 dBm					
) dBm					
10 dBm		M1			
20 dBm	perpendia	when when when when when when when when		an hand an	Laliburth
			γμ		
40 dBm	and l				
50 dBm					Y
لمت الت	JU **				Willy.

Date: 13.MAR.2013 13:35:05

Plot A







Operation mo	de: HT8-40 N	IHz wide, Ante	enna 1+2			
Operating Frequency [MHz]	Max PSD [dBm]	Limit [dBm]	Verdict [Pass/Fail]	Plot		
2422	-22.67	8	Pass	А		
2437	-18.41	8	Pass	В		
2452	-18.68	8	Pass	С		
Spectrum	٦					
Ref Level 30.	40 dBm Offset	0.40 dB 👄 RBW	3 kHz			( \ )
1Pk View	40 UB <b>3 W I</b>	007 ms 🚽 VBW	TO KHZ MODE SV	weep		
			M	1[1]	-	22.67 dBm
20 dBm					2.4	20080 GH2
10 dBm						
0 dBm						
-10 dBm						
-20 dBm			M1			
-20 UBIII		and may marked	when to touchaster	New Mar and Mar		
-30 dBm	- Myswaabh	where the contrate with .	- 11 - 11 - 10 - 10 - 10 - 10 - 10 - 10	. ս աստուտին խողվիչ	Waley	
					l	
-40 dBm						
	l				4	
-50 dBm	5 BV				Mal	
-50 dBm						

Date: 13.MAR.2013 14:05:03

Plot A







Test Report No.:	12121201.fcc01	Page 85 of 263
5.2.4 Band Edge Co	nducted Emissions	
<b>RESULT:</b> Pass		
Date of testing:	2013-01-12	
Requirements:		
FCC 15.205, FCC 15.209,	FCC 15.247(d) and RSS-210 sectio	n A8.5
In any 100 kHz bandwidth of spectrum or digitally modula frequency power that is pro- least 20 dB below that in th the highest level of the desi- measurement, provided the power limits.	butside the frequency band in which ated intentional radiator is operating duced by the intentional radiator sh e 100 kHz bandwidth within the ban red power, based on either an RF o e transmitter demonstrates complian	a the spread g, the radio all be at nd that contains conducted or a radiated nce with the peak conducted
Test procedure:		
ANSI C63.10:2009 KDB Publication No. 55807 under Section 15.247.	4 D01: Measurement of Digital Trar	nsmission Systems Operating
Measurements were perfor the peak of the fundamenta RBW = 100kHz, VBW = 30	med using a spectrum analyzer with I and using the following settings: 0kHz.	n a suitable span to encompass
The highest emission ampli in this report.	tudes relative to the appropriate lim	it were measured and recorded
Results: All out of band spu See the figures on the follo	rious emissions are more than 20 d wing pages.	IB below the fundamental.



Spectrum	ר							ſ	₽		
Ref Level 127	.00 dBµY Offset	16.70 dB	RBW 1 MHz	Node							
1Pk Visw	20 00 3 01	LOIE ps	F TOW I MILE	MOUN	KULO FFI	20					
120 dBµV	110 0 40 40 40	-	<u> </u>	MI	1[1]		2	116.04 dB 410950 G	Hz		
110 dBµV	118.040 08P0			02	2[1]		F	-41.53 -24.310 M	dB		
100 dBµV			<u> </u>						1		
90 dBµV	-D2 96.040 dBµV						1		1		
80 dBµv					0.0	M	4		00		
70 dBµV			5	84	DE	1			_		
60 dBuy	mmm	mana	mon	v Dunn			2		_		
50 dBuV-		2							_		
40 dBuú/											
30 dBul/					F2 F	1					
CF 2.372 GHz			691 pt	its			Spar	n 100.0 MH	ΗZ		
Marker Type   Ref   T	rc 6timulu	is	Response	Funct	tion	Fu	nction Resu	ult	1		
M1 02 M1	1 2.410	35 GHz 31 MHz	116.04 dBµY -41.53 dB	3		0.03			_		
D3 M1	1 -25	.9 MHz	-45.55 dB	3							
D5 M1	1 -49.	7B MHz	-49.44 dB	\$							
		-		and a second							
ate: 10.JAN.2 Band Edge	Conducted	Emissio	n, Spectra	al Diagi	ram, 2	2412 MH	z- 1Mb	DSSS-	Anter	ına 1	
ate: 10.JAN.2 Band Edge Spectrum Ref Level 127.	013 11:17:33 Conducted	Emissio	n, Spectra	_] al Diagi	ram, 2	412 MH	z- 1Mb	DSSS-	Anter	ina 1	
ate: 10.JAN.2 Band Edge Spectrum Ref Level 127. Att	013 11:17:33 Conducted	Emissio	n, Spectra RBW 1 MHz VBW 1 MHz	al Diagi	ram, 2	412 MH	z- 1Mb	DSSS-	Anter	ina 1	
Spectrum Ref Level 127. Att 120 dBW	013 11:17:33 Conducted	Emissio	RBW 1 MHz	al Diagi Mode A	ram, 2	412 MH	z- 1Mb	DSSS- [4]	Anter	ina 1	
Spectrum Ref Level 127. Att 120 dBuV 01	013 11:17:33 Conducted 00 dBµY Offset 20 dB SWT	Emissio	n, Spectra	al Diago Mode A M1	ram, 2	412 MH	z- 1Mb	DSSS- [18.46 dBa 10.490 G -11.846	Anter	ına 1	
Spectrum Ref Level 127. Att 1Pk Visw 120 dBuV 100 dBuV	013 11:17:33 Conducted 00 d8µY Offset 20 d8 SWT	Emissio	RBW 1 MHz	al Diagn Mode A M1 02	nuro ram, 2 uuto FFT	412 MH	z- 1Mb	L18.46 dBj 148.46 dBj	Anter	ına 1	
Spectrum Ref Level 127. Att 120 dBµV 100 dBµV	013 11:17:33 Conducted 00 dBµY Offset 20 dB SWT 118.460 dBµV 02 98.460 dBµV	Emissio	RBW 1 MHz	al Diago Mode A 02	Auto FFT	412 MH	z- 1Mb	L18.46 dB -44.54 c -44.54 c -44.54 c	Anter	ına 1	
Spectrum Ref Level 127. Att 120 dBµV 100 dBµV 90 dBµV	013 11:17:33 Conducted 00 dвµV Offset 20 dв SWT 118.460 d8µV	Emissio	RBW 1 MHz VBW 1 MHz	Al Diago Mode A 02	nuto FFT	412 MH	z- 1Mb	USSS- [9] [4]8.46 dBj [4]8.490 Gi -97.54 (24.310 Mi	Anter	ına 1	
ate:         10. JAN . 2           Band Edge           Spectrum           Ref Level         127. Att           1Pk View           120 dBµV           110 dBµV           90 dBµV           90 dBµV           80 dBµV	013 11:17:33 Conducted 00 dBµY Offset 20 dB SWT 118.450 dBµV 02 98,460 dBµV	Emissio	RBW 1 MHz VBW 1 MHz	al Diagu Mode A M1 D2	NUTO ram, 2	412 MH	z- 1Mb	118.45 dB 148.45 dB 148.45 dB 149.05 17.54 24.310 M	Anter	ına 1	
ate:         10. JAN . 2           Band Edge           Spectrum           Ref Level 127. Att           1Pk Visw           120 dBµV           110 dBµV           90 dBµV           90 dBµV           80 dBµV	013 11:17:33 Conducted 00 dBµY Offset 20 dB SWT 118.460 dBµV 502 98.460 dBµV	Emissio	RBW 1 MHz	al Diago Mode A M1 02	Auto FFT	412 MH	z- 1Mb	118.46 dB 118.46 dB 10.490 G -47.54 24.310 M	Anter	ına 1	
Spectrum Ref Level 127. Att 120 dBµV 100 dBµV 90 dBµV 70 dBµV	013 11:17:33 Conducted 00 dBµV Offset 20 dB SWT 118.460 dBµV 02 98,460 dBµV	Emissio	RBW 1 MHz	al Diago Mode A M1 D2	Auto FFT	412 MH	z- 1Mb	1418.46 dBp 448.46 dBp +148.490 Gr -74.84 ( -24.310 Mp	Anter	ına 1	
Spectrum Ref Level 127. Att  120 dBµV  100 dBµV  90 dBµV  90 dBµV  50 dBµV  50 dBµV	013 11:17:33 Conducted 00 dBµY Offset 20 dB SWT 118.450 dBµV 02 98,460 dBµV	Emissio	RBW 1 MHz	al Diago Mode A M1 D2	nuto FFT	412 MH	z- 1Mb	110110000 DSSS- [418.456 dBj 410.490 Gt -91-54 f 24.310 Mj	Anter	ına 1	
ate:         10. JAN . 2           Band Edge           Spectrum           Ref Level 127. Att           1Pk Visw           120 dBµV           110 dBµV           90 dBµV           90 dBµV           70 dBµV           60 dBµV           50 dBµV           40 dBµV	013 11:17:33 Conducted 00 dBµ <sup>V</sup> Offset 20 dB SWT 118.460 dBµV 502 98.460 dBµV	Emissio	RBW 1 MHz	al Diagu Mode A M1 02	Auto FFT	412 MH	z- 1Mb	118.45 dB 118.45 dB 119.490 G -47.5 ( -47.5	Anter	ına 1	
ate:         10. JAN . 2           Band Edge           Spectrum           Ref Level 127.           Att           1Pk Visw           120 dBµV           110 dBµV           90 dBµV	013 11:17:33 Conducted 00 dBµ/ Offset 20 dB SWT 118.460 dBµ/	Emissio	RBW 1 MHz	al Diago Mode A M1 D2	Auto FFT	412 MH	z- 1Mb	L18.46 dBp -++,84 ( 24.310 M	Anter	ına 1	
Spectrum           Ref Level 127.           Att           120 dBµV           120 dBµV           100 dBµV           90 dBµV	013 11:17:33 Conducted 00 dBµV Offset 20 dB SWT 118.460 dBµV 02 98,460 dBµV	Emissio	RBW 1 MHz	al Diago Mode A M1 02	Auto FFT	412 MH	z- 1Mb	418.46 dB <sub>1</sub> 418.46 dB <sub>1</sub> 41	Anter	ına 1	
ate:         10. JAN . 2           Band Edge           Spectrum           Ref Level         127. Att           1Pk Visw           120 dBµV           120 dBµV           100 dBµV           100 dBµV           90 dBµV           60 dBµV           50 dBµV           40 dBµV           30 dBµV           100 dBµV	Conducted	Emissio	n, Spectra	al Diagu Mode A M1 D2 A A S K S	Auto FFT	412 MH	z- 1Mb	100.0 MH;	Anter	ına 1	
ate:         10. JAN . 2           Band Edge           Spectrum           Ref Level         127. Att           1Pk Visw           120 dBµV           110 dBµV           90 dBµV <td>Conducted</td> <td>Emissio</td> <td>n, Spectra</td> <td>al Diago Mode A M1 02</td> <td>Auto FFT</td> <td>412 MH</td> <td>z- 1Mb</td> <td>LIB.46 dBp -44,84 24,310 MH -100.0 MH tt</td> <td>Anter</td> <td>ına 1</td> <td></td>	Conducted	Emissio	n, Spectra	al Diago Mode A M1 02	Auto FFT	412 MH	z- 1Mb	LIB.46 dBp -44,84 24,310 MH -100.0 MH tt	Anter	ına 1	



Spectrum						]
Ref Level 127.00 dBµV	Offset 16.70 dB	RBW 1 MHz	ode with FFT			4
ALC 20 dB ) 1Pk View	амт 13.2 µs	TABAY I MHZ MO	UNE AUTO FFT			
120 dBu)(		_	M1[1]		118.61 dBpV	
D1 118,	DIO GRHA		02[1]	Ma	-34.05 (B	
110 dBµV-				ı √ '	25.470 MHz	
100 dBuV-D2 98.610 de	μν			an N	-	
90 авил			De	L - M	8	
80 dBµV			03 1			
70 dBu)(			mon			
moundant	mour	mont				
60 dBµV						
50 dBµV		-			-	
40 dBµV		+	50			
30 dBµV			F1		-	
CF 2.372 GHz		691 pts		Span	100.0 MHz	
Aorker Type   Ref   Trc	6timulus	Response   F	Function	Function Resu	h I	
M1 1	2.41542 GHz	118.61 dBµY				
02 M1 1	-95 47 MHz	-34 05 dB				
D2 M1 1 D3 M1 1	-25.47 MHz -31.98 MHz	-34.05 dB -41.88 dB				
D2         M1         1           D3         M1         1           D4         M1         1	-25.47 MHz -31.9B MHz -76.99 MHz 03:42 ucted Emissio	-34.05 dB -41.88 dB -51.38 dB	iagram, 24	12 MHz-6Mb O	FDM- An	itenna 2
D2         M1         1           D3         M1         1           D4         M1         1           D5         M1         1           D4         M1         1           D5         M1         1           D4         M1         1           D5         M1         1           D4         M1         1           D4         M1         1           D5         M1         1           D4         M1         1           D5         M1         1           D5         M1         1	-25.47 MHz -31.98 MHz -76.99 MHz 03:42 ucted Emissio	-34.05 dB -41.88 dB -51.38 dB	iagram, 24	12 MHz-6Mb O	FDM- An	itenna 2
D2         M1         1           D3         M1         1           D4         M1         1           D5         Babe:         10.73N.2013         10:           Band         Edge         Cond         Spectrum           Ref Level         127.00 dBµY         D	-25.47 MHz -31.98 MHz -76.99 MHz 03:42 ucted Emissic	-34.05 dB -41.88 dB -51.38 dB ) on, Spectral D	iagram, 24	12 MHz-6Mb O	FDM- An	itenna 2
D2         M1         1           D3         M1         1           D4         M1         1           D4         M1         1           Atee:         10.JAN.2013         10:           Band Edge Cond         Spectrum         Ref Level 127.00 dBµV           Att         20 dB           MDk View         20 dB	-25.47 MHz -31.98 MHz -76.99 MHz 03:42 ucted Emissic Offset 16.70 dB 9WT 13.2 µs	-34.05 dB -41.88 dB -51.38 dB 000, Spectral D	iagram, 24	12 MHz-6Mb O	FDM- An	itenna 2
D2         M1         1           D3         M1         1           D4         M1         1           D4         M1         1           Atter:         10.JAN.2013         10:           Band Edge Cond         Spectrum         20 dB           Spektrum         20 dB         10:           Att         20 dB         10:	-25.47 MHz -31.9B MHz -76.99 MHz 03:42 ucted Emissic Offset 16.70 dB SWT 13.2 µs	-34.05 dB -41.88 dB -51.38 dB on, Spectral D RBW 1 MHz VBW 1 MHz Me	ode Auto FFT	12 MHz-6Mb O	FDM- An	itenna 2
D2         M1         1           D3         M1         1           D4         M1         1           D4         M1         1           ate:         10.JAN.2013         10:           Band Edge Cond         Spectrum         1           Ref Level         127.00 dBµV         4tt           1Pk View         120 dBµV         01         118.940 e	-25.47 MHz -31.9B MHz -76.99 MHz 03:42 ucted Emissic Offset 16.70 dB SWT 13.2 µs	-34.05 dB -41.88 dB -51.38 dB on, Spectral D RBW 1 MHz VBW 1 MHz Mc	ode Auto FFT	12 MHz-6Mb O	FDM- An	itenna 2
D2         M1         1           D3         M1         1           D4         M1         1           D4         M1         1           ate:         10.JAN.2013         10:           Band Edge Cond         Spectrum         1           Ref Level         127.00 dBµV         4tt           1Pk View         110.dBµV         118.940 c	-25.47 MHz -31.9B MHz -76.99 MHz 03:42 ucted Emissic Offset 16.70 dB SWT 13.2 µs	-34.05 dB -41.88 dB -51.38 dB on, Spectral D RBW 1 MHz VBW 1 MHz Mc	Diagram, 24	12 MHz-6Mb O	FDM- An	ntenna 2
Image         Image         Image           Image         Image         Image <td< td=""><td>-25.47 MHz -31.98 MHz -76.99 MHz 03:42 ucted Emissic Offset 16.70 dB SWT 13.2 µs BµV</td><td>-34.05 dB -41.88 dB -51.38 dB -51.38 dB</td><td>ode Auto FFT</td><td>12 MHz-6Mb O</td><td>FDM- An</td><td>itenna 2</td></td<>	-25.47 MHz -31.98 MHz -76.99 MHz 03:42 ucted Emissic Offset 16.70 dB SWT 13.2 µs BµV	-34.05 dB -41.88 dB -51.38 dB -51.38 dB	ode Auto FFT	12 MHz-6Mb O	FDM- An	itenna 2
D2         M1         1           D3         M1         1           D4         M1         1           D4         M1         1           ate:         10.JAN.2013         10:           Band Edge Cond         Spectrum         20 dBµV           Mt         20 dBµV         20 dBµV           120.dBµV         D1         118.940 c           110 dBµV         D2         98.9           90 dBµV         D2         98.9	-25.47 MHz -31.9B MHz -76.99 MHz 03:42 ucted Emissic Offset 16.70 dB SWT 13.2 µs Bµv	-34.05 dB -41.88 dB -51.38 dB Don, Spectral D	ode Auto FFT	12 MHz-6Mb O	FDM- An	itenna 2
1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1	-25.47 MHz -31.9B MHz -76.99 MHz 03:42 ucted Emissic Offset 16.70 dB 9WT 13.2 µs BµV	-34.05 dB -41.88 dB -51.38 dB on, Spectral D	ode Auto FFT	12 MHz-6Mb O	FDM- An	itenna 2
1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1	-25.47 MHz -31.9B MHz -76.99 MHz 03:42 ucted Emissic Offset 16.70 dB SWT 13.2 µs BµV	-34.05 dB -41.88 dB -51.38 dB on, Spectral D • RBW 1 MHz • VBW 1 MHz Mc	ode Auto FFT	12 MHz-6Mb O	FDM- An	ntenna 2
Image: Non-State         Image: Non-State         Image: Non-State           Image: Non-State         Image: Non-State         Image: Non-State <td>-25.47 MHz -31.9B MHz -76.99 MHz 03:42 Ucted Emissic Offset 16.70 dB SWT 13.2 µs BµV H0 dBµV</td> <td>-34.05 dB -41.88 dB -51.38 dB on, Spectral D • RBW 1 MHz • VBW 1 MHz Mc</td> <td>ode Auto FFT</td> <td>12 MHz-6Mb O</td> <td>FDM- An</td> <td>ntenna 2</td>	-25.47 MHz -31.9B MHz -76.99 MHz 03:42 Ucted Emissic Offset 16.70 dB SWT 13.2 µs BµV H0 dBµV	-34.05 dB -41.88 dB -51.38 dB on, Spectral D • RBW 1 MHz • VBW 1 MHz Mc	ode Auto FFT	12 MHz-6Mb O	FDM- An	ntenna 2
D2         M1         1           D3         M1         1           D3         M1         1           D4         M1         1           ate:         10.JAN.2013         10:           Band Edge Cond         Spectrum         Ref Level 127.00 dBµV           Att         20 dB         110 dBµV           120 dBµV         D1         118.940 e           110 dBµV         D2         98.9           90 dBµV         D2         98.9           90 dBµV         D4         D4           20 dBµV         D5         98.9           90 dBµV         D4         D5           60 dBµV         D4         D4	-25.47 MHz -31.9B MHz -76.99 MHz 03:42 Ucted Emissic Offset 16.70 dB SWT 13.2 µs BµV 0 dBµV	-34.05 dB -41.88 dB -51.38 dB on, Spectral D RBW 1 MHz VBW 1 MHz Mc	ode Auto FFT	12 MHz-6Mb O	FDM- An	ntenna 2
D2         M1         1           D3         M1         1           D3         M1         1           D4         M1         1           ate:         10.JAN.2013         10:           Band Edge Cond         Spectrum         20 dBµV           Spectrum         20 dBµV         118.940 f           100 dBµV         D1         118.940 f           110 dBµV         D2         98.9           90 dBµV         D2         98.9           90 dBµV         D2         98.9           90 dBµV         D4         04.00000000000000000000000000000000000	-25.47 MHz -31.98 MHz -76.99 MHz 03:42 ucted Emissic Offset 16.70 dB SWT 13.2 µs BµV HO dBµV	-34.05 dB -41.88 dB -51.38 dB on, Spectral D	ode Auto FFT	12 MHz-6Mb O	FDM- An	itenna 2
D2         M1         1           D3         M1         1           D3         M1         1           D4         M1         1           ate:         10.JAN.2013         10:           Band Edge Cond         Spectrum         20 dBµV           Spectrum         20 dBµV         20 dBµV           120 dBµV         D1         118.940 c           110 dBµV         D2         98.9           90 dBµV         D2         98.9           90 dBµV         D2         98.9           90 dBµV         54         56           50 dBµV         54         54           50 dBµV         54         54           50 dBµV         54         54	-25.47 MHz -31.9B MHz -76.99 MHz 03:42 ucted Emissic Offset 16.70 dB SWT 13.2 µs BµV	-34.05 dB -41.88 dB -51.38 dB on, Spectral D	ode Auto FFT	12 MHz-6Mb O	FDM- An	itenna 2
D2         M1         1           D3         M1         1           D3         M1         1           D4         M1         1           ate:         10.JAN.2013         10:           Band Edge Cond         Spectrum         20 dB           Spectrum         20 dB         20 dB           120.dBµV         D1         118.940 e           110 dBµV         D2         98.9           90 dBµV         D2         98.9           90 dBµV         D4         60 dBµV           50 dBµV         54         50 dBµV           40 dBµV         30 dBµV         54	-25.47 MHz -31.9B MHz -76.99 MHz 03:42 ucted Emissic Offset 16.70 dB SWT 13.2 µs BµV 0 dBµV	-34.05 dB -41.88 dB -51.38 dB on, Spectral D	ode Auto FFT	12 MHz-6Mb O	FDM- An	itenna 2
D2         M1         1           D3         M1         1           D3         M1         1           D4         M1         1           ate:         10.JAN.2013         10:           Band Edge Cond         Spectrum         20 dB           Ref Level 127.00 dBµV         20 dB           JPk Visw         110 dBµV         D1 118.940 e           100 dBµV         D2 98.9           90 dBµV         D2 98.9           90 dBµV         D4           50 dBµV         D5	-25.47 MHz -31.9B MHz -76.99 MHz 03:42 ucted Emissic Offset 16.70 dB SWT 13.2 µs BµV 0 dBµV	-34.05 dB -41.88 dB -51.38 dB on, Spectral D • RBW 1 MHz • VBW 1 MHz Mc	Diagram, 24	12 MHz-6Mb O	FDM- An	ntenna 2
02         M1         1           03         M1         1           04         M1         1           04         M1         1           abe:         10.JAN.2013         10:           Band Edge Cond         Spectrum         20 dB           Ref Level         127.00 dBµV         20 dB           Att         20 dB         118.940 c           100 dBµV         D1         118.940 c           100 dBµV         D2         98.9           90 dBµV         D2         98.9           90 dBµV         D4         04           50 dBµV         D4         04 </td <td>-25.47 MHz -31.9B MHz -76.99 MHz 03:42 ucted Emissic SWT 13.2 µs BµV 0 dBµV</td> <td>-34.05 dB -41.88 dB -51.38 dB on, Spectral D • RBW 1 MHz • VBW 1 MHz Mo • VBW 1 MHz Mo • 691 pts • 691 pts</td> <td>Diagram, 24</td> <td>12 MHz-6Mb O</td> <td>FDM- An</td> <td>ntenna 2</td>	-25.47 MHz -31.9B MHz -76.99 MHz 03:42 ucted Emissic SWT 13.2 µs BµV 0 dBµV	-34.05 dB -41.88 dB -51.38 dB on, Spectral D • RBW 1 MHz • VBW 1 MHz Mo • VBW 1 MHz Mo • 691 pts • 691 pts	Diagram, 24	12 MHz-6Mb O	FDM- An	ntenna 2
D2         M1         1           D3         M1         1           D4         M1         1           D4         M1         1           D4         M1         1           Att         20 dB           PPk View         120 dBµV           120 dBµV         D1         118 940 e           110 dBµV         D2         98.9           90 dBµV         D2         98.9           90 dBµV         D2         98.9           90 dBµV         D4         D4           50 dBµV         D4         D4	-25.47 MHz -31.9B MHz -76.99 MHz 03:42 Ucted Emissic Offset 16.70 dB SWT 13.2 µs BµV 0 dBµV 0 dBµV 50	-34.05 dB -41.88 dB -51.38 dB on, Spectral D • RBW 1 MHz • VBW 1 MHz Mo • VBW 1 MHz Mo • 691 pts • 691 pts • 691 pts	Diagram, 24	12 MHz-6Mb O	FDM- An	ntenna 2
02         M1         1           03         M1         1           03         M1         1           04         M1         1           04         M1         1           05         M1         1           06         M1         1           07         M1         1           08         M1         1           08         M1         1           08         M1         1           08         M2         00           100         M1         01           110         M2         02           100         M2         02           100         M2         02           90         M2         02           90         M2         04           100         M2         04           100         M2         04           10         M2         04           10         M2         1           102         M1         1	-25.47 MHz -31.9B MHz -76.99 MHz 03:42 Ucted Emissic Offset 16.70 dB SWT 13.2 µs BµV 0 dBµV 0 dBµV 50 dBµV -24.1059 GHz -16.64 MHz -24.17 MHz	-34.05 dB -41.88 dB -51.38 dB on, Spectral D RBW 1 MHz VBW 1 MHz Mo 691 pts Response F 118.94 dBµY -30.13 dB -42.22 dB	Diagram, 24	12 MHz-6Mb O	FDM- An	ntenna 2



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Costa					Ē	1
spectru		D.11 08-11/7			(⊽	1
Att	20 127.00 0	)dB 9WT 13.	2 µs 🖝 VBW 1 MHz	Mode Auto FFT		
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CO GREAT	v-w-v	the marker of		12 a <mark>1</mark> (21		
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Түрө Ко	tef Trc	6timulus	Response	Function	Function Result	
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late: 10.J	JAN . 2013	10:16:28	sion Spectral	Diagram 2412 I	MHz-HT4-20MHz- Ant	enna 1
Spectru	JAN . 2013	10:16:28 nducted Emis	ssion, Spectral	) agram, 2412 I	MHz-HT4-20MHz- Ant	enna 1
Spectrue Ref Level	im JAN . 2013 Edge Co im al 127.00 d	10:16:28 nducted Emis ВµУ <b>Оffset</b> 16.7 0 dв <b>swт</b> 13.	1z51,30 dB ssion, Spectral 1 dB <b>● RBW</b> 1 MHz 2 µs <b>● VBW</b> 1 MHz	Diagram, 2412 I	MHz-HT4-20MHz- Ant	enna 1
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Spectrur Ref Level Att 120 dBµV-	JAN . 2013 dge Co	-//.13 М 10:16:28 nducted Emis ВµУ Оббает 16.7 0 dB SWT 13.	ssion, Spectral <sup>1</sup> db ● RBW 1 MHz <sup>2</sup> µs ● VBW 1 MHz	Diagram, 2412 I Mode Auto FFT	MHz-HT4-20MHz- Ant	enna 1 ]
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Spectrum Ref Level Att 10 dBpV- 110 dBpV-	JJAN . 2013 Gdge Co Im ■1 127.00 d 20 118.7 ■1 118.7	10:16:28 nducted Emis ВµV Offset 16.7 0 dB SWT 13:	1251,30 dB ssion, Spectral 1 dB <b>• RBW</b> 1 MHz 2 μs <b>• VBW</b> 1 MHz	Diagram, 2412 I Mode Auto FFT 	MHz-HT4-20MHz- Ant 118.99 dBµV 118.99 dBµV -30.02 dB -25.900 MH2	enna 1
Spectrum Ref Level Att 10 dBµV- 100 dBµV-	idge Co im el 127.00 d 20 v 01 118.7	10:16:28 nducted Emis ВµV Offset 16.7 0 dB SWT 13. 90 dBµV	1251,30 dB ssion, Spectral 1 dB <b>• RBW</b> 1 MHz 2 μs <b>• VBW</b> 1 MHz	Diagram, 2412 I	MHz-HT4-20MHz- Ant ( ♥ 118.99 dBµV -30.02 dB -25.900 MH2 -25.900 MH2	enna 1
Date: 10.0 Band Ed Spectrum Ref Level Att 10 dBµV- 110 dBµV- 110 dBµV- 90 dBµV- 90 dBµV-	JJAN . 2013 Gdge Co im ≥I 127.00 d 20 ✓ → D1 118.7 → 02 !	-//.13 М 10:16:28 nducted Emis ВµV Offset 16.7 0 dB SWT 13. 90 dBµV	12  51,30 dB ssion, Spectral 1 dB ● RB₩ 1 MHz 2 μs ● VB₩ 1 MHz	Diagram, 2412 I	MHz-HT4-20MHz- Ant	enna 1
Date: 10.0 Band E Spectrum Ref Level Att 10 dBµV- 110 dBµV- 110 dBµV- 90 dBµV- 80 dBµV-	JJAN . 2013 Gdge Co im ≥I 127.00 d 20 ✓ → D1 118.7 → 02 !	-//.13 М 10:16:28 nducted Emis ВµV Offset 16.7 0 dB SWT 13. 90 dBµV	ssion, Spectral 3 d8 ● R8₩ 1 MHz 2 μs ● V8₩ 1 MHz 1 mHz	Diagram, 2412 I	MHz-HT4-20MHz- Ant	enna 1
Date: 10.0 Spectrum Ref Level Att 1Pk View 120 dBµV- 110 dBµV- 100 dBµV- 80 dBµV- 20 dBµV- 20 dBµV-	JJAN . 2013 Gdge Co Im ■1 127.00 d 20 118.7 ■1 118.7 ■1 118.7	10:16:28 nducted Emis ВµV Offset 16.7 0 dB SWT 13.	2  51,30 dB ssion, Spectral dB <b>RBW</b> 1 MHz 2 μs <b>VBW</b> 1 MHz	Diagram, 2412 I	MHz-HT4-20MHz- Ant	enna 1
Date: 10.0 Spectrum Ref Level Att 10 dBµV- 110 dBµV- 10 dBµV- 80 dBµV- 80 dBµV- 20 dBµV-	JJAN . 2013 Gdge Co im ■1 127.00 d 20 118.7 ■1 118.7 ■1 118.7	-//.13 М 10:16:28 nducted Emis ВµV Offset 16.7 0 dB SWT 13.	2   -51,30 dB ssion, Spectral dB <b>R</b> BW 1 MHz 2 μs <b>V</b> BW 1 MHz <b>V</b> BW 1 MHz	Diagram, 2412 I	MHz-HT4-20MHz- Ant	enna 1
Date: 10.0 Spectrum Ref Level Att 10 dBµV- 110 dBµV- 10 dBµV- 80 dBµV- 60 dBµV- 60 dBµV-	JJAN . 2013 Gdge Co im ■1 127.00 d 20 118.7 ■1 118.7 ■1 118.7 ■1 118.7	10:16:28 nducted Emi: ВµV Offset 16.7 0 dB SWT 13.	2 μs <b>RBW</b> 1 MHz 2 μs <b>VBW</b> 1 MHz	Diagram, 2412 I	MHz-HT4-20MHz- Ant	enna 1
Date: 10.0 Spectrum Ref Level Att 10 dBµV- 110 dBµV- 10 dBµV- 80 dBµV- 80 dBµV- 50 dBµV- 50 dBµV-	JJAN . 2013 Gdge Co im ■1 127.00 d 20 118.7 ■1 118.7 ■1 118.7	10:16:28 nducted Emi: ВµV Offset 16.7 0 dB SWT 13.	2 μs <b>RBW</b> 1 MHz 2 μs <b>VBW</b> 1 MHz	Diagram, 2412 I	MHz-HT4-20MHz- Ant	enna 1
Date: 10.0 Spectrum Ref Level Att 10 dBµV- 110 dBµV- 10 dBµV- 80 dBµV- 80 dBµV- 50 dBµV- 50 dBµV- 10 dBµV	JJAN . 2013 Gdge Co im ■1 127.00 d 20 118.7 ■1 118.7 ■1 118.7 ■1 118.7	10:16:28 nducted Emi: ВµV Offset 16.7 0 dB SWT 13.	2   -51,30 dB ssion, Spectral dB <b>•</b> RBW 1 MHz 2 μs <b>•</b> VBW 1 MHz <b>•</b> Hz	Diagram, 2412 I	MHz-HT4-20MHz- Ant	enna 1
Date: 10.0 Spectrum Ref Level Att 10 dBµV- 110 dBµV- 10 dBµV- 80 dBµV- 80 dBµV- 50 dBµV- 50 dBµV- 40 dBµV-	JJAN . 2013 Gdge Co im ■1 127.00 d 20 118.7 ■1 118.7 ■1 118.7 ■1 118.7	10:16:28 nducted Emi: ВµV Offset 16.7 0 dB SWT 13.	2   -51,30 dB ssion, Spectral db <b>e</b> RBW 1 MHz 2 μs <b>e</b> VBW 1 MHz <b>b</b> MHz <b>c</b> MBW 1 MHz	Diagram, 2412 I	MHz-HT4-20MHz- Ant	enna 1
Date: 10.0 Band E Spectrum Ref Level Att 10 dBµV- 110 dBµV- 10 dBµV- 80 dBµV- 80 dBµV- 50 dBµV- 50 dBµV- 50 dBµV- 30 dBµV- 30 dBµV-	JJAN . 2013 Gdge Co im ■1 127.00 d 20 118.7 ■1 118.7 ■1 118.7 ■1 118.7 ■1 118.7	10:16:28 nducted Emis ВµV Offset 16.7 0 dB SWT 13.	2 μs • VBW 1 MHz	Diagram, 2412 I	MHz-HT4-20MHz- Ant	enna 1
Date: 10.0 Band E Spectrum Ref Level Att 10 dBµV- 110 dBµV- 110 dBµV- 90 dBµV- 80 dBµV- 80 dBµV- 50 dBµV- 50 dBµV- 40 dBµV- 30 dBµV- 50 dBµV- 60 dBµV- 50 dBµV- 40 dBµV- 30 dBµV- 30 dBµV-	mi 127.00 d cdge Co mi 127.00 d ≥1 127.00 d 20 mi 118.7 02 ! mi 118.7 02 ! cdge Co 20 cdge Co 20	10:16:28 nducted Emis ВµV Offset 16.7 0 dB 9WT 13. 90 dBµV	2   -51,30 dB Ssion, Spectral dB • RBW 1 MHz 2 μs • VBW 1 MHz	Diagram, 2412 I	MHz-HT4-20MHz- Ant	enna 1
Date: 10.0 Spectrum Ref Level Att PIR View 120 dBµV- 110 dBµV- 110 dBµV- 90 dBµV- 80 dBµV- 80 dBµV- 50 dBµV- 50 dBµV- 50 dBµV- 50 dBµV- 50 dBµV- 70 dB	Image: Constraint of the second sec	10:16:28 nducted Emi: ВµV Offset 16.7 0 dB 9WT 13. 90 dBµV	2   -51.30 dB Ssion, Spectral 3 dB • RBW 1 MHz 2 μs • VBW 1 MHz 691 pts 691 pts	Diagram, 2412 I	MHz-HT4-20MHz- Ant 118.99 dByv 118.99 dByv -30.02 db -25.900 MHz -25.900 MHz -25.900 MHz -5.900 MHz -5.900 MHz -5.900 MHz -5.900 MHz	enna 1
Date: 10.0 Spectrum Ref Level Att Plk View 120 dBµV- 110 dBµV- 110 dBµV- 90 dBµV- 80 dBµV- 80 dBµV- 50 dBµV- 40 dBµV- 30 dBµV- 50 dBµV- 40 dBµV- 10 dB	Image: Constraint of the second sec	10:16:28 nducted Emis ВµV Offset 16.7 0 dB 9WT 13. 90 dBµV 98.790 dBµV 98.790 dBµV 98.790 dBµV 98.790 dBµV	251.30 dB Ssion, Spectral 3 dB • RBW 1 MHz 2 μs • VBW 1 MHz	Diagram, 2412 I	MHz-HT4-20MHz- Ant 118.99 dByv 118.99 dByv -30.02 db -25.900 MHz -25.900 MHz	enna 1
Date:         10.0           Band Ed         Spectrui           Ref Level         Att           91Pk View         120 dBµ/-           10 dBµ/-         90 dBµ/-           90 dBµ/-         80 dBµ/-           80 dBµ/-         50 dBµ/-           50 dBµ/-         50 dBµ/-     <	Image: Constraint of the second sec	-//.13 кг 10:16:28 nducted Emis Bµ/V Offset 16.7 0 dB 9WT 13. 90 dBµ/V 98.790 dBµ/V 98.790 dBµ/V 98.790 dBµ/V 98.790 dBµ/V 98.790 dBµ/V 98.790 dBµ/V 99.790 dBµ/V	251.30 dB ssion, Spectral dB • RBW 1 MHz 2 μs • VBW 1 MHz	Diagram, 2412 I	MHz-HT4-20MHz- Ant	enna 1
Date:         10.0           Band Ed         Spectrui           Ref Level         Att           120 dBµ/-         120 dBµ/-           10 dBµ/-         90 dBµ/-           90 dBµ/-         80 dBµ/-           80 dBµ/-         50 dBµ/-           50 dBµ/-         50 dBµ/-     <	Image: Constraint of the second sec	-//.13 кг 10:16:28 nducted Emis Вµ/ Оffset 16.7 0 dB 9WT 13. 90 dBµ/ 90 dBµ/ 90 dBµ/ 90 dBµ/ 90 dBµ/ 91 dBµ/ 92.41542 Gf -25.9 MI -31.84 MI -34.73 MI	12       -51,30 dB         5ssion, Spectral         1 dB       RBW 1 MHz         2 µs       VBW 1 MHz         691 pts         691 pts         118.79 dBµV         2       -30.02 dB         2       -30.72 dB         2       -41.07 dB	Diagram, 2412 I	MHz-HT4-20MHz- Ant	enna 1
Date: 10.0 Band Ed Spectrum Ref Level Att 120 dBµV- 100 dBµV- 90 dBµV- 90 dBµV- 90 dBµV- 80 dBµV- 90 dBµV- 70 dBµV- 50 dBµV- 50 dBµV- 60 dBµV- 50 dBµV- <b>CF 2.372</b> <b>Marker</b> <b>Typ9</b> Re M1 02 fr 03 fr 04 fr 10 dF 10 fr 05 fr	Image: Constraint of the second sec	-//.13 кл 10:16:28 nducted Emis Вµ/V Offset 16.7 0 dB 9WT 13. 90 dBµ/V 98.790 dBµ/V 99.750 dBµ/V 90.750 d	1z           -51,30 dB           5ssion, Spectral           1 dB         RBW 1 MHz           2 µs         VBW 1 MHz           691 pts           691 pts           2 118.79 dBµV           2 -30.02 dB           2 -41.07 dB           2 -41.07 dB	Diagram, 2412 I	MHz-HT4-20MHz- Ant	enna 1
Date: 10.0 Band Ed Spectrum Ref Leven Att 120 dBµV- 110 dBµV- 110 dBµV- 90 dBµV- 90 dBµV- 90 dBµV- 90 dBµV- 60 dBµV- 50 dBµV- 50 dBµV- 60 dBµV- 70	Image: Second	10:16:28 nducted Emis BµV Offset 16.7 0 dB SWT 13. 90 dBµV 98.790 dBµV	1z           -51,30 dB           ssion, Spectral           1 dB         RBW 1 MHz           2 µs         VBW 1 MHz           691 pts           691 pts           2 -30,02 dB           2 -30,72 dB           2 -41,07 dB           2 -43,34 dB           2 -50,92 dB	Diagram, 2412 I	MHz-HT4-20MHz- Ant	enna 1

Band Edge Conducted Emission, Spectral Diagram, 2412 MHz-HT4-20MHz- Antenna 2



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Spectrum	ר							ſ	₩			
Ref Level 127.	.00 dBµY Offse	t 16.70 dB	🔿 RBW 1 MHz					(	vj			
Att	20 dB 9WT	13.2 µs (	👄 VBW 1 MHz	Mode Aut	O FFT							
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mount	man .							_				
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50 dBµV												
40 dBµV		-6	-	F					-			
30 dBµV	-				FI		5	-	_			
CF 2.372 GHz Narker	924	59) 	691 pts	5		÷	6pan	100.0 MH	IZ			
Type Ref T	rc Stimu	lus 📃	Response	Function	n	Fund	tian Resu	lt				
M1 D2 M1	1 2.4	.426 GHz	122.51 dBµY -29.58 dB		_							
D3 M1	1 -2	7.64 MHz	-30.41 dB									
D4 M1 D5 M1	1 -3	7.61 MHz	-34.58 BB -43.04 dB									
Y												
ate: 10.JAN.20 Band Edge	• Conducte	d Emissi	ion, Spectra	] al Diagr	ram, 2	<b>4</b> 12 MH	z-HT8	-20MH	z- Ar	ntenna	1+2	
ate: 10.JAN.20	• Conducte	d Emissi	ion, Spectra	] al Diagr	am, 2	<b>4</b> 12 MH	z-HT8	-20MH	z- Ar	ntenna	1+2	
Spectrum Ref Level 127.	013 11:21:44 Conducte	d Emiss	ion, Spectra	] al Diagr	am, 2	<b>4</b> 12 MH	iz-HT8	-20MH	z- Ar ♥	ntenna	1+2	
Spectrum Ref Level 127.	013 11:21:44 Conducte	d Emissi t 16.70 dB 13.2 µs	ion, Spectra	] al Diagr Mode Aut	am, 2	<b>4</b> 12 MH	z-HT8	-20MH	z- Ar ♥	ntenna	1+2	
Spectrum Ref Level 127. Att	013 11:21:44 Conducte	d Emiss t 16.70 dB 13.2 με	e RBW 1 MHz	) al Diagr Mode Aut	am, 2	<b>4</b> 12 MH	iz-HT8	-20MH	z- Ar ♥	itenna	1+2	
Spectrum Ref Level 127. Att 120 dBpv	013 11:21:44 Conducte 00 dBµY Offse 20 dB SWT	d Emissi t 16.70 dB 13.2 μs	e RBW 1 MHz ♥ VBW 1 MHz	) al Diagr Mode Aut 	am, 2	¶ 11111	z-HT8	-20MH (114.84 dB 41874043	z- Ar ₽	itenna	1+2	
Spectrum Ref Level 127. Att 120 dBuV 110 dBuV D1 :	013 11:21:44 Conducte 0.00 dBµY Offse 20 dB SWT 114.840 dBµV	d Emissi t 16.70 dB 1 13.2 μs	e RB₩ 1 MHz VBW 1 MHz	Mode Aut	:am, 2	2412 MH	z-HT8	-20MH	z- Ar ₽	itenna	1+2	
Spectrum Ref Level 127. Att 120 dBµV 100 dBµV	2013 11:21:44 2 Conducte 20 dBµV Offse 20 dB 9WT 114.840 dBµV	d Emissi	e RBW 1 MHz ■ VBW 1 MHz	) al Diagr Mode Aut 02[1	am, 2	2412 MH	2. 2.	-20MH (114.84 dB 4187404 -28930 -28.940 M	z-Ar ₽	ntenna	1+2	
Spectrum Ref Level 127. Att 120 dBµV 100 dBµV 90 dBµV	013 11:21:44 Conducte 20 dB yv Offse 20 dB ywr 114.840 dBµv -D2 94.840 dBµv	d Emissi	■ RBW 1 MHz ■ VBW 1 MHz	) mode Aut 02[1 24	am, 2	412 MH	2-HT8	-20MH [114.84 dB 418740/0 -28330 -28.940 M	z- Ar ♥	ntenna	1+2	
Spectrum Ref Level 127. Att 120 dBµV 100 dBµV 90 dBµV	013 11:21:44 Conducte 20 dB yV Offse 20 dB yWT 114.840 dBµV -D2 94.840 dBµV	d Emissi	ion, Spectra	Mode Aut	am, 2	2412 MH	2.HT8	-20MH [114.84 dB 418740\0 -28.940 M	z- Ar ♥	ntenna	1+2	
Spectrum Ref Level 127. Att 120 dBµV 100 dBµV 90 dBµV 80 dBµV	013 11:21:44 Conducte 20 dB 9WT 114.840 dBµV D2 94.840 dBµV	d Emissi	e RBW 1 MHz ♥ VBW 1 MHz	Mode Aut	am, 2	2412 MH	2. 2.	-20MH	z-Ar ₽	ntenna	1+2	
Spectrum Ref Level 127. Att PIPk Visw 120 dBµV 100 dBµV 90 dBµV 50 dBµV 70 dBµV	013 11:21:44 Conducte 20 dB 9WT 114.840 dBµV -D2 94.840 dBµV	d Emissi	RBW 1 MHz     VBW 1 MHz	Mode Aut	am, 2	2412 MH	2.HT8	-20MH	z-Ar ₽	ntenna	1+2	
Spectrum Ref Level 127. Att PIPk Visw 120 dBµV 100 dBµV 90 dBµV 80 dBµV 60 dBµV	013 11:21:44 Conducte Conducte 20 dB 9wT 114.840 d8µV -D2 94.840 d8µV	d Emiss	RBW 1 MHz	) mode aut	am, 2	2412 MH	2-HT8	-20MH	z- Ar	ntenna	1+2	
Spectrum Ref Level 127. Att PIPk Visw 120 dBµV 100 dBµV 90 dBµV 90 dBµV 50 dBµV 50 dBµV 50 dBµV	2013 11:21:44 Conducte Conducte 20 dB 9wT 114.840 d8µV -D2 94.840 d8µV	d Emiss	RBW 1 MHz	) mode aut	am, 2	2412 MH	z-HT8	-20MH [114.84 dB 418740\Q -28330 -28330 -28330 -28330 -28330 -28330 -28330 -28330 -28330 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2930 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -2030 -20 -20 -20 -20 -20 -20 -20 -2	z- Ar	ntenna	1+2	
Spectrum Ref Level 127. Att PIPk View 120 dBµV 100 dBµV 90 dBµV 70 dBµV 50 dBµV 40 dBµV	2013 11:21:44 Conducte Conducte 20 dB 9wT 114.840 d8µV -D2 94.840 d8µV	d Emiss. t 16.70 dB 13.2 μs	RBW 1 MHz	) mode aut	am, 2	2412 MH	2.HT8	-20MH	z-Ar	ntenna	1+2	
Spectrum Ref Level 127. Att PIPk View 120 dBµV 110 dBµV 90 dBµV 90 dBµV 50 dBµV 40 dBµV 20 dBµV	013 11:21:44 2 Conducte 00 dBµY Offse 20 dB SWT 114.840 dBµV -D2 94.840 dBµV	d Emiss	RBW 1 MHz	Mode Aut	am, 2	2412 MH	2-HT8	-20MH	z- Ar	ntenna	1+2	
ate:         10. JAN . 2(           Band Edge           Spectrum           Ref Level 127.           Att           IPk Visw           120 dBµV           110 dBµV           100 dBµV           90 dBµV           60 dBµV           50 dBµV           40 dBµV           30 dBµV           50 dBµV           40 dBµV           30 dBµV	013 11:21:44 2 Conducte 00 dBµY Offse 20 dB SWT 114.840 dBµV -D2 94.840 dBµV	d Emiss	e RBW 1 MHz VBW 1 MHz	Mode Aut	am, 2	2412 MH	z-НТ8-	-20MH	z- Ar	itenna	1+2	
ate:         10. JAN . 2(           Band Edge           Spectrum           Ref Level 127.           Att           IPk Visw           120 dBµV           110 dBµV           90 dBµV           100 dBµV           90 dBµV           50 dBµV           50 dBµV           40 dBµV           30 dBµV           50 dBµV           40 dBµV           30 dBµV           50 dBµV           50 dBµV           30 dBµV	013 11:21:44 2 Conducte 00 dBµV Offse 20 dB SWT 114.840 dBµV -D2 94.840 dBµV	d Emiss	e RBW 1 MHz vBW 1 MHz	Mode Aut	am, 2	2412 MH	z-HT8	-20MH [114.84 dB 41874040 -229330 -229330 -229330 29330 	z-Ar	itenna	1+2	
Spectrum           Ref Level 127.           Att           IPk Visw           120 dBµV           100 dBµV           90 dBµV	20 dB yV Offse 20 dB yWT 20 dB yWT 114.840 dByV -D2 94.840 dByV -D2 94.840 dByV -D2 94.840 dByV -D2 94.840 dByV -D2 94.840 dByV -D2 94.840 dByV	d Emiss	e RBW 1 MHz vBW 1 MHz vBW 1 MHz	Mode Aut	am, 2	2412 MH	z-HT8	-20MH	z- Ar	ntenna	1+2	
Spectrum           Ref Level 127.           Att           1Pk Visw           120 dBµV           100 dBµV           90 dBµV           90 dBµV           90 dBµV           50 dBµV           50 dBµV           50 dBµV           50 dBµV           50 dBµV           50 dBµV           90 dBµV           100 dBµV           90 dBµV           91 dBµV           92 M1		d Emiss	RBW 1 MHz     VBW 1 MHz     VBW 1 MHz     G91 pts     Response     114.84 dBµV     -20.30 dB     -24 dB rB	Mode Aut	am, 2	2412 MH	z-HT8	-20MH	z- Ar	itenna	1+2	
Spectrum Ref Level 127. Att PIPk Visw 120 dBµV 100 dBµV 90 dBµV 90 dBµV 50 dBµ		d Emiss	RBW 1 MHz     VBW 1 MHz     VBW 1 MHz     VBW 1 MHz     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0	Mode Aut	am, 2	2412 MH	z-HT8	-20MH	z- Ar	ntenna	1+2	
Spectrum Ref Level 127. Att PIPk Visw 120 dBµV 100 dBµV 90 dBµV 90 dBµV 90 dBµV 50 dBµV 50 dBµV 50 dBµV 50 dBµV 50 dBµV 50 dBµV 70 dBµV 90 dBµV 100		d Emiss	RBW 1 MHz     VBW 1 MHz     VBW 1 MHz     VBW 1 MHz     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0	Mode Aut	am, 2	2412 MH	z-HT8	-20MH	z- Ar	ntenna	1+2	



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120 dB	μν-	Đ1	116.040	1 d8µV						2	2.417730	GHZ				
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түрө М1	Ret	t T	1	2.417	S 73 GHz	Response 116.04 dBµY	Functio	on	Fun	ction Res	ult					
02 03	M	11	1	-27.5	93 MHz 25 MHz	-24.37 dB -26.44 dB										
D4	M	11	1	-33.1	57 MHz	-28.23 dB										
		_					Υ									
ate: 1 Band		]( м.2	ons n Cor	nducted	Emiss	ion, Spectr	] al Diag	ram,	<b>4</b> 2422 M	Hz HT4	4-40M	Hz, A	Anten	na 2		
ate: 1 Band	I EC	J Mar.2 dge	• Cor	nducted	Emiss	sion, Spectr	al Diag	ram,	<b>4</b>	Hz HT4	4-40M	Hz, A	Anten	na 2		
ate: 1 Band Speci Ref Le Att	lo. Ja EC	 dge 127	• Cor	nducted	Emiss 16.70 dB 13.2 µs	• RBW 1 MHz	al Diag	ram,	<b>1</b> 2422 M	Hz HT	4-40M	Hz, /	Anten	na 2		
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ate: 1 3and Spect Ref Le Att 120 dB 100 dB 90 dBµ 80 dBµ 70 dBµ 50 dBµ 50 dBµ	I EC	J( bur . 2 dge	013 1 Cor 0.00 dB <sub>1</sub> 20 ( 120.20) -02 10	1:31:02 inducted i/ Offset i/ B SWT 0.200 dBµ/-	Emiss	e RBW 1 MHz	al Diag Mode # 02	uto FFT	2422 M		120.20 120.21 120.22 -27.06	Hz, /	Anten	na 2		
Spect Ref Le Att DPk V 120 dB 110 dB 100 dD 90 dBµ 80 dBµ 70 dBµ 60 dBµ 50 dBµ 40 dBµ	0. JA I Ec trum evel /isw иру иру иру иру иру иру иру иру иру иру	J ge	0013 1 2 Cor 20 . 120.201 -02 10	1:31:02 nducted N Offset 8 SWT 0 48µV	Emiss	RBW 1 MHz	al Diag	11 11 13 13 13 13 13 13 13 13	2422 M		120.21 4-40M	Hz, , ,	Anten	na 2		
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011120.70	0 dBpV		27.7	90 MHz	
		M1[1]	119.5	i6D GHz	
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dBµV	- W	4.0405	2, 2, 3		
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rt 2.44 GHz ker		691 pts	Stop 2	.6 GHz	
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D2 M1 1	2,45656 GHZ 27,79 MHz	-20.01 dB	-		
03 M1 1 04 M1 1	43.75 MHz 48.32 MHz	-31.79 dB -34.66 dB			
D5 M1 1 D6 M1 1	51.24 MHz 69.68 MHz	-35.44 dB -41.46 dB			
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Image: 10.JAN.2013         Image:	12: 40: 35 nducted Emis лу <b>Offset</b> 16:70 dl ds 9WT 18:9 µ 0 d8µv 0 d8µv	sion, Spectral Diagra	FFT 119.5 2.4692 119.5 2.4692 -3 17.0 	2SSS- Antenna 1	
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Band Edge Conducted Emission, Spectral Diagram, 2462 MHz- HT4-20MHz- Antenna 2



	_									-
Spectrum									(₩	
Ref Level 1: Att	27.00 dB 20	µY Offset dB SWT	16.70 dB 18.9 us	RBW 1 MHz	Mode	Auto FET				
1Pk Visw		10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -			, ioud	nato III I				]
120 4800-0	T #82.44	Vueb D			M	1[1]		2.4	22.44 dBpV	<i>t.</i>
10 dbuy					0:	2[1]		211	-21.82 de	3
	2						1	<u>e - 1</u>	7.290 MHz	Z
100 dBµV	A	HALL								
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80 dBµV	8	~	A.m.	0.0		1		<u> </u>		
70 dBuV	4			mun	va.	A		152		
						man	mon	man	hunan	^
50 dBµV										1
40 dBµV	4									-
30 авµv——	Fi	re l				1				-
Start 2.46 G	Hz			691 p	ts			8to	p 2.6 GHz	J
1arker Tung   Ref	Tre	Stimulu	• I	Pernonse		tion	Fuer	ting Posult		1
M1	1	2.476	71 GHz	122.44 dBµV	' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	cion	r unc	ardin Kostan		4
02 M1	1	7.	29 MHz	-21.82 dB -24.28 dB						
04 M1				21,20 42	-					
	1	26.	54 MHZ	-38.78 88						-
D5 M1 D6 M1	1 1 1 .2013 e Con	28. 28. 102.	TY MHZ TY MHZ TY MHZ TY MHZ	-38.78 de -39.94 de -56.40 de	Diagra	um, 246	••••••••••••••••••••••••••••••••••••••	1T8-20M	Hz- Ant	enna 1+2
D5 M1 D6 M1 ate: 10.JAN cand Edg	1 1 .2013 e Con	28. 102.	missio	-39.94 de -56.40 de	Diagra	ım, 246	• • • • • • • • • • • • • • • • • • •	## T8-20M	Hz- Ant	enna 1+2
D5 M1 D6 M1 ate: 10.JAN Gand Edg Spectrum Ref Level 1 Att	1 1 .2013 e Con 27.00 dB 20	28. 28. 102. 12:28:33 ducted E µY Offset dB SWT	54 MHz 77 MHz 32 MHz 5000000000000000000000000000000000000	-39.94 de -39.94 de -56.40 de -56.40 de	Diagra	im, 246	<b>(</b> MHz- H	178-20M	Hz- Ant	enna 1+2
DS M1 D6 M1 ate: 10.JAN Band Edg Spectrum Ref Level 1: Att ]Pk View	1 1 .2013 e Con 27.00 dB 20	28. 28. 102. 12:28:33 ducted E μΥ Offset dB SWT	54 MHz 77 MHz 32 MHz 32 MHz 16.70 dB 20.8 µs	-38.94 de -39.94 de -56.40 de -56.40 de -56.40 de -56.40 de	Diagra	um, 246	• • • • • • • • • • • • • • • • • • •	T8-20M	Hz- Ant	enna 1+2
DS M1 D6 M1 Atte: 10.JAN Band Edg Spectrum Ref Level 1: Att DIPk Visw 120 dBpV	1 1 1 .2013 e Con 27.00 dB 20	28. 28. 102.	54 MHz 77 MHz 32 MHz 32 MHz 16.70 dB 20.8 μs	-30.94 db -39.94 db -56.40 db -56.40 db -56.40 db -56.40 db -56.40 db	Diagra Mode	auto FFT 1[1]	<b>0</b> MHz- H	11 178-20M	Hz- Ant (₩ 15.92 dBµ 68830 GH	enna 1+2
DS M1 D6 M1 ate: 10.JAN Band Edg Spectrum Ref Level 1: Att 1Pk Visw 120 dBµV	1 1 1 .2013 e Con 20 27.00 dB 20	28. 28. 102. 12:28:33 ducted E µУ Offset dB SWT	54 MHz 77 MHz 32 MHz 32 MHz 16.70 dB 20.8 μs	-30.94 db -30.94 db -56.40 db -56.40 db	Diagra Mode M	Auto FFT 1[1] 2[1]	• MHz- H	11 2.4	Hz- Ant (₩ 68830 GHa -20.11 de	enna 1+2
DS M1 D6 M1 Attes: 10. JAN Band Edg Spectrum Ref Level 1: Att 120 dBµV 130 dBµV	1 1 1 .2013 e Con 27.00 dB 20 1 115.52	28. 28. 102. 12:28:33 ducted E µУ Offset dB SWT	54 MHz 77 MHz 32 MHz 32 MHz 16.70 dB 20.8 μs	-30.94 db -30.94 db -56.40 db -56.40 db	Mode Diagra	Auto FFT 1[1] 2[1]	●	11 2.4	Hz- Anta (₩ 15.92 dBµV 68830 GHz -20.11 de 4.9.50 MHz	enna 1+2
DS M1 D6 M1 ate: 10. JAN Sand Edg Spectrum Ref Level 1: Att 120 dBµV 100 dBµV 100 dBµV	1 1 1 22013 e Con 27.00 dE 20 20 1 115.52	28. 28. 102. 12:28:33 ducted E µУ Offset dB 9WT	54 MHz 77 MHz 32 MHz 32 MHz 16.70 dB 20.8 μs	-30.94 db -30.94 db -56.40 db -56.40 db	Mode Mode	Auto FFT 1[1] 2[1]	2 MHz- H	11 2.4	Hz- Anta (₩ 15.92 dBµv 68830 GHa -20.11 dB -20.11 dB	enna 1+2
DS         M1           D6         M1           ate:         10. JAN           Sand Edg           Spectrum           Ref Level 1:           Att           110'dBµV           300 dBµV           90 dBµV	1 1 1 22013 e Con 27.00 dB 20 820 83 1 115.52	28. 28. 102.	16.70 dB 20.8 µs	-38.78 dt -39.94 dt -56.40 dt -56.40 dt -56.40 dt • RBW 1 MHz ● VBW 1 MHz	Mode 	Auto FFT	2 MHz- H	11 2.4	Hz- Anta (₩ 15.92 dBµv 68830 GHa -20.11 de -20.11 de	enna 1+2
DS         M1           D6         M1           ate:         10. JAN           Sand Edg           Spectrum           Ref Level 1:           Att           1Pk Visw           120 dBµV           300 dBµV           90 dBµV           90 dBµV           90 dBµV	1 1 1 2013 e Con 27.00 dB 20 M3 1 115.52 	28. 28. 102.	16.70 dB 20.8 µs	-38.78 dt -39.94 dt -56.40 dt -56.40 dt -56.40 dt • RBW 1 MHz • VBW 1 MHz	Mode Mode	Auto FFT	2 MHz- H	11 2.4	Hz- Anta (₩ 15.92 dBµv 68830 GHa -20.11 de -20.11 de	enna 1+2
DS         M1           D6         M1           ate:         10.JAN           Sand Edg           Spectrum           Ref Level 1:           Att           1Pk Visw           120 dBµV           300 dBµV           90 dBµV           90 dBµV           90 dBµV           90 dBµV           90 dBµV           90 dBµV	1 1 1 2013 e Con 27.00 dB 20 20 1 115.52	28. 28. 102. 112:28:33 ducted E µY Offset dB SWT	54 MHz 77 MHz 32 MHz 32 MHz 32 MHz 32 MHz 20.8 µs	-30.94 db -30.94 db -56.40 db	Mode Mode	Auto FFT	2 MHz- H	11 2.4	Hz- Anto (♥ 15.92 dBµV 68830 CHa -20.11 dB	enna 1+2
DS         M1           D6         M1           ate:         10.JAN           Band Edg           Spectrum           Ref Level 1:           Att           1Pk View           120 dBµV           300 dBµV           90 dBµV           90 dBµV           90 dBµV           90 dBµV           90 dBµV           60 dBµV	1 1 1 2013 e Con 27.00 dB 20 20 1 115.52	28. 28. 102. 112:28:33 ducted E py Offset dB SWT	16.70 dB 20.8 μs	-30.94 db -39.94 db -56.40 db	Mode Mode	Auto FFT 1[1] 2[1] 1	2 MHz- H	11 2.4 1	Hz- Ant (₩ 5.92 dBµ 68830 GHs -20.11 de 4.950 MHz	enna 1+2
DS         M1           D6         M1           ate:         10.JAN           Band Edg           Spectrum           Ref Level 1:           Att           1Pk Visw           120 dBµV           300 dBµV           90 dBµV	1 1 1 2013 e Con 27.00 dB 20 20 20 1 115.52	226. 288. 102. 112:28:33 ducted E µY Offset dB SWT	54 MHz 77 MHz 32 MHz 32 MHz 32 MHz 20.8 µs	-30.94 db -30.94 db -56.40 db	Mode M	Auto FFT 1[1] 2[1] 	2 MHz- H	13 2.4 1 	Hz- Ant (♥ 15.92 dBµv 68830 GHa -20.11 de 14.950 MH2	enna 1+2
DS         M1           D6         M1           ate:         10, JAN           Gand Edg           Spectrum           Ref Level 1:           Att           120 dBµV           300 dBµV           90 dBµV	1 1 1 2013 e Con 27.00 dB 20 20 1 115.52	226. 288. 102. 112:28:33 ducted E 48 SWT	54 MHz 77 MHz 32 MHz 32 MHz 32 MHz 32 MHz 32 MHz 20.8 μs	-30.94 db -30.94 db -56.40 db	Mode Mode	Auto FFT 1[1] 2[1] 	2 MHz- H	1: 2,4 3	Hz- Ant (♥ 15.92 dBµv 68830 GHa -20.11 de 14.950 MHa	enna 1+2
DS         M1           D6         M1           ate:         10, JAN           Gand Edg           Spectrum           Ref Level 1:           Att           1Pk Visw           120 dBµV           300 dBµV           90 dBµV	1 1 1 2013 e Con 27.00 dB 20 20 1 115.52	28. 28. 102. 112:28:33 ducted E 40 SWT	54 MHz 77 MHz 32 MHz 32 MHz 16.70 dB 20.8 μs	-30.94 db -30.94 db -56.40 db	Mode Mode	Auto FFT 1[1] 2[1] 	2 MHz- H	1: 2.4 1	Hz- Ant (♥ 15.92 dBµv 68830 GHa -20.11 de 4.950 MHz	enna 1+2
DS         M1           D6         M1           ate:         10.JAN           Bate:         10.JAN           Sand Edg           Spectrum           Ref Level 1:           Att           120 dBµV           120 dBµV           100 dBµV           90 dBµV           90 dBµV           60 dBµV           50 dBµV           40 dBµV           40 dBµV           10 dBµV	1 1 1 1 2013 e Con 27.00 dB 20 20 20 20 20 20 20 20 20 20	226. 228. 102. 12:28:33 ducted E 9WT 0 dBuV 5.920 dBuV 5.920 dBuV 5.920 dBuV 5.920 dBuV	54 MHz 77 MHz 32 MHZ 3	-30.94 db -30.94 db -56.40 db	Mode Mode	Auto FFT 1[1] 2[1] 1	2 MHz- H	1: 2.4 1	Hz- Ant (♥ 15.92 dBµv 68830 GHz -20.11 de 4.950 MHz	enna 1+2
DS         M1           D6         M1           ate:         10.JAN           Bate:         10.JAN           Sand Edg           Spectrum           Ref Level 1:           Att           120 dBµV           300 dBµV           90 dBµV           90 dBµV           60 dBµV           50 dBµV           50 dBµV           40 dBµV           30 dBµV           50 dBµV           50 dBµV           30 dBµV           50 dBµV           51 dBµV           52 dBµV           53 dBµV           54 dBµV           50 dBµV           50 dBµV           51 dBµV           52 dBµV           53 dBµV           54 dBµV           50 dBµV	1 1 1 1 2013 e Con 27.00 dB 20 27.00 dB 20 20 20 20 20 20 20 20 20 20	226. 228. 102. 12:28:33 ducted E yY Offset dB SWT	54 MHz 77 MHz 32 MHz 32 MHz 32 MHz 32 MHz 32 MHz 20.8 μs 20.8 μs	-30.94 db -30.94 db -56.40 db	Mode Mode	Auto FFT 1[1] 2[1] Marcon Autority (1) 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010	2 MHz- H	11: 2.4 1 	Hz- Anta (♥ 15.92 dBµv 68830 GHz -20.11 dP 4.950 MHz	enna 1+2
DS         M1           D6         M1           D6         M1           ate:         10.JAN           Bate:         110.JAN           120 dBµV         10.dBµV           300 dBµV         90.dBµV           300 dBµV         90.dBµV           60 dBµV         50.dBµV           40 dBµV         30.dBµV           30.dBµV         50.dBµV           40.dBµV         50.dBµV           50.dBµV         50.dBµV	1 1 1 1 2013 e Con 27.00 dB 20 20 1 1 1 27.00 dB 20 20 20 20 20 20 20 20 20 20	28. 28. 102. 12:28:33 ducted E 9 9WT 0 0Ffset dB 9WT 0 0Ffset 5.920 dBµV 5.920 dBµV 5.920 dBµV 5.920 dBµV 5.920 dBµV	54 MHz 77 MHz 32 MHz 32 MHz 20.8 μs	-38.94 dB -39.94 dB -56.40 dB -56.40 dB • RBW 1 MHz • VBW 1 MHz	Mode Mode Mode	Auto FFT 1[1] 2[1] 1	2 MHz- H	T8-20M	Hz- Ant (₩ 5.92 dBµV 68830 GHz -20.11 dP 4.950 MHz	enna 1+2
DS         M1           D6         M1           ate:         10. JAN           Bate:         10. JAN	1 1 1 1 2013 e Con 27.00 dB 20 20 20 20 20 20 20 20 20 20	28. 28. 102. 12:28:33 ducted E 9 WT 5.920 dBµV 5.920 dB	54 MHz 77 MHz 32 MHz 32 MHz 20.8 μs 20.8 μs 20.8 μs 5 5 5 83 GHz 5 MHz	-38.74 db -39.94 db -39.94 db -56.40 db • RBW 1 MHz • VBW 1 MHz • VBW 1 MHz • VBW 1 MHz • 05 • 05 • 05 • 05 • 05 • 05 • 05 • 05	Mode Mode	Auto FFT 1[1] 2[1] 1	2 MHz- H	11: 2.4 1 	Hz- Anta (♥ 15.92 dBµV 68830 GHz -20.11 dP 4.950 MHz	enna 1+2
DS         M1           D6         M1           ate:         10.JAN           Bate:         11.JAN           Bate:         120.dBpV           Bate:         11.JAN           Bate:         11.JAN	1 1 1 1 2013 e Con 27.00 dB 20 20 20 20 20 20 20 20 20 20	28. 28. 102. 12:28:33 ducted E 9 9WT 0 0Ffset dB 9WT	54 MHz 77 MHz 32 MHz 32 MHz 20.8 μs 20.8 μs 20.8 μs 52 MHz 55 MHz 52 MHz 54 MHz	-30.94 dB -30.94 dB -30.94 dB -56.40 dB • RBW 1 MHz • VBW 1 MHz • VBW 1 MHz • VBW 1 MHz • 0.11 dB • 0.11 dB -22.30 dB	Mode Mode	Auto FFT 1[1] 2[1] 1	2 MHz- H	11: 2.4 1 2.4 1 1 2.4 1 1 2.4 1 1 2.4 1 1 2.4 1 1 2.4 1 1 2.4 1 1 2.4 1 1 2.4 1 1 2.4 1 1 2.4 1 1 2.4 1 1 1 2.4 1 1 1 2.4 1 1 1 2.4 1 1 1 2.4 1 1 1 2.4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Hz- Anta (₩ 5.92 dBµV 68830 GHz -20.11 dH -20.11 dH -20	enna 1+2
DS         M1           D6         M1           ate:         10.JAN           gand Edg           Spectrum           Ref Level 1:           Att           JPk Visw           120 dBµV           300 dBµV           90 dBµV           91 dBµV           92 m1           93 m1           93 m1	1 1 1 1 2013 e Con 27.00 dE 20 20 20 20 20 20 20 20 20 20	28. 28. 102. 12:28:33 ducted E 9 WT 0 (ВиV 0 (ВиV 5.920 dB/V 5.920 dB/V 5.92	54 MHz 77 MHz 32 MHz 32 MHz 20.8 μs 20.8 μs 20.8 μs 20.8 μs 52 MHz 52 MHz 52 MHz 52 MHz 52 MHz	-38.78 dB -39.94 dB -39.94 dB -56.40 dB • VBW 1 MHz • VBW 1 MHz • VBW 1 MHz • VBW 1 MHz • 0 • 0 • 0 • 0 • 0 • 0 • 0 • 0 • 0 • 0	Mode Mode	Auto FFT 1[1] 2[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[1] 1[	2 MHz- H	11: 2.4 1 	Hz- Anta (♥ 15.92 dBµv 68830 GHz -20.11 dB -20.11 dB -2	enna 1+2

Band Edge Conducted Emission, Spectral Diagram, 2452 MHz- HT4-40MHz- Antenna 1



,		121	21201.	fcc01			Page 9	5 of 263
Spectrum						B		
Ref Level 127.00 dB	JY Offset 16.70	dB 🔿 RBW 1 MHz	Node Auto FF	T		(-)		
1Pk Visw	10 awi 2010							
120 dBpvM1 01 117.09/	0 d8µV		M1[1]		2.4	17.09 dBµV 54930 GHz		
110 dBµV	Ny I		D2[1]		8	-24.88 dB 31.850 MHz		
100 dBuV 02 97	.090 dBµV D2							
90 dBµV	-some	Jan Epu						
80 dBµV		ALL TDS	De		a			
70 dBµV		- Color	nor when we	mann	m			
60 dBµV					and w	Kom Corre		
	F1	F2						
Start 2.44 GHz		691 pt	5	2	- Sta	p 2.6 GHz		
/larker Type   Ref   Trc	Stimulus	Response	Function	Fund	ction Result			
M1 1 D2 M1 1	2.45493 GHz 31.85 MHz	117.09 dBµY -24.99 dB						
D3 M1 1 D4 M1 1	45.37 MHz 49.94 MHz	-33.07 dB -36.94 dB						
D5 M1 1 D6 M1 1	52.87 MHz 71.3 MHz	-38.61 dB						
ate: 10.JAN.2013 1	2:34:31	union Creation		<b>(</b>			atoma 2	
Spectrum Ref Level 127.00 dBp	.2:34:31 Iducted Emis	ssion, Spectra	] Provinse	(1999) 2452 MHz	z- HT4-4	0MHz- Ar (₩	ntenna 2	
Att 200	12:34:31 Iducted Emis IV Offset 16.70 IB SWT 20.8	dB <b>● RBW</b> 1 MHz µs <b>● VBW</b> 1 MHz	al Diagram,	€ 452 MHz	z- HT4-4	0MHz- Ar	ntenna 2	
Spectrum Ref Level 127.00 dB <sub>4</sub> Att 20 dB <sub>1</sub> VXr0 but 20 dB	2:34:31 iducted Emis // Offset 16.70 //B SWT 20.8	Bision, Spectra	d Diagram, Mode Auto FF	2452 MHz	11 2- HT4-4	0MHz- Ar 	ntenna 2	
ate: 10.JAN.2013 1 Band Edge Con Spectrum Ref Level 127.00 dBp Att 20 cb 1Pk View 120 dBpv 0 in 120.800 110 dBpv	2:34:31 Iducted Emis // Offset 16.70 // B SWT 20.8	Bision, Spectra	Mode Auto FF	4452 MHz	11 2- HT4-4	0MHz- Ar .0MHz- Ar 	ntenna 2	
Att 200 10 dBpv 20	2:34:31 iducted Emis // Offset 16.70 #8 SWT 20.8	Biggin, Spectra	Diagram, Mode Auto FF M1[1]	€452 MHz	11 2- HT4-4	0MHz- Ar (₩) 20.80 dBµV 56-550 GHz -20.63 dB 27.550 MHz	ntenna 2	
Att 200 10 dBpv 02 10 90 dBpv	2:34:31 inducted Emis	Bision, Spectra	Mode Auto FF	(11111) 2452 MHz т	11 2- HT4-4	20.80 dBµV 20.80 dBµV 56560 GHz -20.69 dB 27.550 MHz	ntenna 2	
Att 200 PPk Visw 120 dBpv Dk 122.801 140 dBpv Dk 120.801 150 dBpv Dk 120.801 160 dBpv D2 10 90 dBpv 80 dBpv	2:34:31 nducted Emis // Offset 16.70 // 20.8 // 20.8 // 20.8 // 20.8 // 20.8 // 20.8	Be RBW 1 MHz ps VBW 1 MHz VB3 VB3 DH	Mode Auto FF	2452 MHz	15 2- HT4-4	20.80 dBµV 20.80 dBµV 56550 GHz -20.63 dB 27.550 MHz	ntenna 2	
Att 20 cm 20 cm	2:34:31 inducted Emis // Offset 16.70 // 20.8 / BB// 20.8 / BB// 20.8	Ssion, Spectra	Mode Auto FF	2452 MHz	11 2.4	0MHz- Ar (₩ 20.80 dBµV 56550 GHz -20.63 dB 27.550 MHz -20.64 dB	ntenna 2	
Att 200 Spectrum Ref Level 127.00 dB <sub>4</sub> Att 20 c 1Pk View 120 dB <sub>4</sub> V 200	2:34:31 inducted Emis	Ssion, Spectra	Mode Auto FF	2452 MHz	2- HT4-4	0MHz- Аг @ 20.80 dBµV 56550 GHz -20.63 dB 27.550 MHz ////////////////////////////////////	ntenna 2	
Att 200 Spectrum Ref Level 127.00 dBy Att 200 120 dByv 2 10 120 dByv 2 10 90 dByv 202 10 dByv 202 10 90 dByv 202 10 10 10 10 10 10 10 10 10 10	2:34:31 inducted Emis // Offset 16.70 // 20.8 / 20	Be RBW 1 MHz ps VBW 1 MHz vs VBW 1 MHz	Mode Auto FF	2452 MHz	2- HT4-4	0MHz- Ar (₩ 20.80 dBµ¥ 56550 GHz -20.63 dB -27.550 MHz -27.550 MHz	ntenna 2	
abe: 10.JAN.2013 1 Band Edge Con Spectrum Ref Level 127.00 dB <sub>µ</sub> Att 20 0 1Pk Viaw 120 dB <sub>µ</sub> V 0 0 dB <sub>µ</sub> V 200 dB <sub>µ</sub> V 0 0 dB <sub>µ</sub> V 0 0 dB <sub>µ</sub> V 50 dB <sub>µ</sub> V 40 dB <sub>µ</sub> V 40 dB <sub>µ</sub> V	2:34:31 inducted Emis // Offset 16.70 18 SWT 20.8 0.800 dbg//////	Bision, Spectra	Mode Auto FF	2452 MHz	11 2.4 2.4	0MHz- Ar (₩ 20.80 dBµV 56550 GHz -20.63 dB 27.550 MHz -20.63 dB	ntenna 2	
Att 200 Spectrum Ref Level 127.00 dB <sub>4</sub> 120 dB <sub>4</sub> V 120 dB <sub>4</sub> V 10 dB <sub>4</sub> V 200 dB <sub>4</sub> V	2:34:31 inducted Emis V Offset 16.70 B SWT 20.8 0.800 determined F1	Ssion, Spectra	Mode Auto FF	2452 MHz	2- HT4-4	0MHz- Ar (₩12-20-6 20.60 dBµV 56560 GHz -20.63 dB 27.550 MHz 1000000000000000000000000000000000000	ntenna 2	
ate: 10.JAN.2013         1           Band Edge Cor         Spectrum           Ref Level 127.00 dBp         Att           1Pk View         120 dBpV           1Pk View         120 dBpV           200 dBpV         D2 10           90 dBpV         D2 10	2:34:31  nducted Emis  // Offset 16.70 //B SWT 20.8  // 0.800 dB///////	Besion, Spectra	Mode Auto FF	2452 MHz	2- HT4-4	20.80 dBµV 56550 GHz -20.63 dB 27.550 MHz	ntenna 2	
ate:         10.JAN.2013         1           Band Edge Cor         Spectrum         Spectrum           Ref Level         127.00 dB <sub>µ</sub> Att         20 c           1Pk Viaw         120 dB <sub>µ</sub> V         50 dB <sub>µ</sub> V         50 dB <sub>µ</sub> V         50 dB <sub>µ</sub> V           90 dB <sub>µ</sub> V         02 10         90 dB <sub>µ</sub> V         50 dB <sub>µ</sub> V         50 dB <sub>µ</sub> V         50 dB <sub>µ</sub> V           50 dB <sub>µ</sub> V         50 dB <sub>µ</sub> V         50 dB <sub>µ</sub> V         40 dB <sub>µ</sub> V         40 dB <sub>µ</sub> V         40 dB <sub>µ</sub> V           30 dB <sub>µ</sub> V         40 dB <sub>µ</sub> V         50 dB <sub>µ</sub> V         50 dB <sub>µ</sub> V         50 dB <sub>µ</sub> V         50 dB <sub>µ</sub> V           50 dB <sub>µ</sub> V         50 dB <sub>µ</sub> V         50 dB <sub>µ</sub> V         50 dB <sub>µ</sub> V         50 dB <sub>µ</sub> V         50 dB <sub>µ</sub> V         50 dB <sub>µ</sub> V         50 dB <sub>µ</sub> V         50 dB <sub>µ</sub> V         50 dB <sub>µ</sub> V         50 dB <sub>µ</sub> V         50 dB <sub>µ</sub> V         50 dB <sub>µ</sub> V         50 dB <sub>µ</sub> V         50 dB <sub>µ</sub> V         50 dB <sub>µ</sub> V         50 dB <sub>µ</sub> V         50 dB <sub>µ</sub> V         50 dB <sub>µ</sub> V         50 dB <sub>µ</sub> V         50 dB <sub>µ</sub> V         50 dB <sub>µ</sub> V         50 dB <sub>µ</sub> V         50 dB <sub>µ</sub> V         50 dB <sub>µ</sub> V         50 dB <sub>µ</sub> V         50 dB <sub>µ</sub> V         50 dB <sub>µ</sub> V         50 dB <sub>µ</sub> V         50 dB <sub>µ</sub> V         50 dB <sub>µ</sub> V         50 dB <sub>µ</sub> V         50 dB <sub>µ</sub> V         50 dB <sub>µ</sub> V         50 dB <sub>µ</sub> V         50 dB <sub>µ</sub> V         50 dB <sub>µ</sub> V         50 dB <sub>µ</sub> V	2:34:31 nducted Emis // Offset 16.70 8 SWT 20.8 0.800 dbg/ / hun	Big RBW 1 MHz ps ● RBW 1 MHz ps ● VBW 1 MHz V63 0 0 0 0 0 0 0 0 0 0 0 0 0	Al Diagram, Mode Auto FF M1[1] D5 M34 M1[1] D5 M1[1] D5 M1[1] D5 M1[1] D5 M1[1] D5 M1[1] D5 M1[1] D5 M1[1] D5 M1[1] D5 M1[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1] M0[1]	2452 MHz	z- HT4-4	0MHz- Ar (₩ 20.80 dBµV 56550 GHz -20.63 dB 27.550 MHz -20.63 dB 27.550 MHz -20.63 dB 27.550 MHz -20.63 dB -20.63 dB -20	ntenna 2	
Abe: 10.JAN.2013 1 Band Edge Cor Spectrum Ref Level 127.00 dB <sub>H</sub> Att 20 0 1Pk Visw 120 dB <sub>H</sub> V 120 dB <sub>H</sub> V 200 d	2:34:31 inducted Emis // Offset 16.70 18 SWT 20.8 0.800 dbg////// 0.800 dbg////// F1 Stimulus 2.45655 GHz 27.55 MHz 2.7.55 MHz 43.75 MHz	Billion, Spectra dB ■ RBW 1 MHz ps ● VBW 1 MHz VBW 1 MHz 0 0 0 0 0 0 0 0 0 0 0 0 0	Mode Auto FF M1[1] D2[1] D5 S Function Function	2452 MHz	z- HT4-4	0MHz- Ar (₩ 20.80 dBµV S6550 GHz -20.63 dB 27.550 MHz -20.63 dB 27.550 MHz -20.63 dB -27.550 MHz -20.63 dB -27.550 MHz -20.63 dB -27.550 MHz	ntenna 2	
Att 2013 Spectrum Ref Level 127.00 dB <sub>h</sub> Att 20 c 1Pk View 120 dB <sub>h</sub> V 0 h 120 eBl 10	2:34:31 inducted Emis // Offset 16.70 // B SWT 20.8 0.800 dB////// 0.800 dB////// 55.27 MHz 55.27 MHz 69.77 MHz	dB       ■ RBW 1 MHz         dB       ■ RBW 1 MHz         ys       ♥ VBW 1 MHz         0       0         0       0         0       0         0       0         0       0         0       0         0       0         0       0         0       0         0       0         0       0         0       0         0       0         0       0         0       0         0       0         0       0         0       0         0       0         0       0         0       0         0       0         0       0         0       0         0       0         0       0         0       0         0       0         0       0         0       0         0       0         0       0         0       0         0       0         0       0 </td <td>Mode Auto FF MI[1] DS MI[1] DS</td> <td>2452 MHz</td> <td>2- HT4-4</td> <td>0MHz- Ar (₩ 20.80 dBµ¥ 56500 GHz -20.63 dB -27.550 MHz -27.550 MHz -20.63 dB -20.63 dB -20.65 dB -2</td> <td>ntenna 2</td> <td></td>	Mode Auto FF MI[1] DS	2452 MHz	2- HT4-4	0MHz- Ar (₩ 20.80 dBµ¥ 56500 GHz -20.63 dB -27.550 MHz -27.550 MHz -20.63 dB -20.63 dB -20.65 dB -2	ntenna 2	
ate: 10.JAN.2013 1 Band Edge Cor Spectrum Ref Level 127.00 dB <sub>µ</sub> Att 20 0 Pk Viaw 120 dB <sub>µ</sub> V D 10 dB <sub>µ</sub> V 200 d	2:34:31 nducted Emis // Offset 16.70 #8 SWT 20.8 0.800 dbg/ / Long 5.800 dbg/ / Long F1 	Billion, Spectra dB ■ RBW 1 MHz µs ■ VBW 1 MHz VBW 1 MHz VBW 1 MHz	Al Diagram, Mode Auto FF M1[1] D5 02[1] 02[1] 02[1] 03 04 04 04 04 04 04 04 04 04 04	2452 MHz	z- HT4-4	00MHz- Ar (₩) 20.80 dBµV 56550 GHz -20.63 dB 27.550 MHz -20.63 dB 27.550 MHz -20.63 dB 27.550 MHz -20.63 dB -20.63 dB -	ntenna 2	

Band Edge Conducted Emission, Spectral Diagram, 2452 MHz- HT8-40MHz- Antenna 1+2



Test Report No.:	12121201.fcc01	Page 96 of 263
5.2.5 Radiated Sp	urious Emissions of Transmi	tter
<b>RESULT:</b> PASS		
Date of testing:	2012-01-10	
Frequency range:	30MHz - 25GHz	
Requirements:		
FCC 15.205, FCC 15.20	9 and FCC 15.247(d) and RSS-Gen	
Radiated emissions whi with the radiated emissi	ch fall in the restricted bands, as defined on limits specified in FCC 15.209(a).	d in FCC 15.205(a), must comply
Radiated emissions whi bands shall either meet below the power level ir the desired power (the l	ch fall outside the operation frequency b the limit specified in FCC 15.209(a) or b the 100kHz bandwidth within the band ess severe limit applies).	band and outside restricted be attenuated at least 20dB that contains the highest level of
Test procedure:		
ANSI C63.10-2009. AN KDB Publication No. 55 under Section 15.247.	SI C63.10:2009 8074 D01: Measurement of Digital Trans	smission Systems Operating
The EUT was placed or measurements of radiat emission spectrum profi and the EUT orientation amplitudes were attaine	a nonconductive turntable 0.8m above ed emissions were performed, the EUT le. The physical arrangement of the test (X, Y, Z) were varied in order to ensure d.	the ground plane. Before final was scanned to determine its system, the associated cabling that maximum emission
The spectrum was exan transmitter frequency (2 distance.	nined from 30MHz to the 10th harmonic 5GHz). Final radiated emission measure	of the highest fundamental ements were made at 3m
At each frequency wher antenna was raised and level. Measurements we	e a spurious emission was found, the El lowered from 1 to 4m in order to detern ere taken using both horizontal and vertion	UT was rotated 360° and the nine the emission's maximum cal antenna polarizations.
The highest emission an Field strength values of 20 dB below the applica	nplitudes relative to the appropriate limit radiated emissions at frequencies not lis ble limit.	t were recorded in this report. sted in the tables are more than
Correction factors are in Refer to section 4.2 for Correction factors includ	corporated in the spectrum analyzers as he power settings and modes. les: antenna factor, cable loss and pre-a	s an automated function. amplifier gain.



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# Radiated Emission, Quasi Peak Data, 30MHz - 1GHz, Horizontal and Vertical Antenna Orientations

Freq. [MHz]	Antenna Orientation	Reading QP [dBµV]	Factor [dB(1/m)]	Level QP [dBµV/m]	Limit [dBµV/m]	Margin QP [dB]
66.86	Vertical	15.1	5.4	20.5	40.0	19.5
111.48	Vertical	13.6	11.4	25.0	43.5	18.5
253.10	Vertical	13.7	14.2	27.9	46.0	18.1
774.96	Vertical	14.7	24.8	39.5	46.0	6.5
844.80	Vertical	15.3	26.1	41.4	46.0	4.6
922.40	Vertical	15.4	27.6	43.0	46.0	3.0

Note: - Level QP = Reading QP + Factor

- Tested in modes as described in section 4.2, highest values noted.

Preliminary measurements indicated that the radiated emissions from EUT were not affected by the EUT's operating frequency or mode (transmit versus receive mode).

- Quasi Peak detector used with a bandwidth of 120 kHz



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# Radiated Emission, 1 - 25GHz, Horizontal and Vertical Antenna Orientations, 2412 MHz - 1 Mb DSSS – Antenna 2

Freq. [MHz]	Antenna Orientation	Detector	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]
6933	Vertical	Av	48.74	54	5.26
17649	Vertical	Av	49.89	54	4.11
18147	Vertical	Av	50.24	54	3.76
6933	Vertical	Pk	48.74	74	25.26
17649	Vertical	Pk	49.89	74	24.11
18147	Vertical	Pk	50.24	74	23.76

 Note: - Peak (Pk) value already within Average (Av) limits, therefor Av not retested. Peak values also noted as Av value to show compliance with Av limit.
 Peak detector used with a bandwidth of 1 MHz.

#### Radiated Emission, 1 - 25GHz, Horizontal and Vertical Antenna Orientations, 2412 MHz - 1 Mb DSSS – Antenna 1

Freq. [MHz]	Antenna Orientation	Detector	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]
13811	Vertical	Av	48.96	54	5.04
17250	Vertical	Av	50.13	54	3.87
18097	Vertical	Av	51.07	54	2.93
13811	Vertical	Pk	48.96	74	25.04
17250	Vertical	Pk	50.13	74	23.87
18097	Vertical	Pk	51.07	74	22.93

Peak (Pk) value already within Average (Av) limits, therefor Av not retested.
 Peak values also noted as Av value to show compliance with Av limit.
 Peak detector used with a bandwidth of 1 MHz.



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# Radiated Emission, 1 - 40GHz, Horizontal and Vertical Antenna Orientations, 2412 MHz - 6 Mb OFDM – Antenna 2

Freq. [MHz]	Antenna Orientation	Detector	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]
6983	Vertical	Av	47.52	54	6.48
17250	Vertical	Av	50.70	54	3.30
18147	Vertical	Av	50.49	54	3.51
6983	Vertical	Pk	47.52	74	26.48
17250	Vertical	Pk	50.70	74	23.30
18147	Vertical	Pk	50.49	74	23.51

Note: - Peak (Pk) value already within Average (Av) limits, therefor Av not retested. Peak values also noted as Av value to show compliance with Av limit.

- Peak detector used with a bandwidth of 1 MHz.

## Radiated Emission, 1 - 25GHz, Horizontal and Vertical Antenna Orientations, 2412 MHz - 6 Mb OFDM – Antenna 1

Freq. [MHz]	Antenna Orientation	Detector	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]
6983	Vertical	Av	48.11	54	5.89
17250	Horizontal	Av	50.38	54	3.62
18097	Vertical	Av	50.75	54	3.25
6983	Vertical	Pk	48.11	74	25.89
17250	Horizontal	Pk	50.38	74	23.62
18097	Vertical	Pk	50.75	74	23.25

Peak (Pk) value already within Average (Av) limits, therefor Av not retested.
 Peak values also noted as Av value to show compliance with Av limit.
 Peak detector used with a bandwidth of 1 MHz.



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# Radiated Emission, 1 - 25GHz, Horizontal and Vertical Antenna Orientations, 2412 MHz – HT4-20 MHz – Antenna 1

Freq. [MHz]	Antenna Orientation	Detector	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]
6983	Vertical	Av	48.11	54	5.89
17250	Vertical	Av	50.38	54	3.62
18097	Vertical	Av	50.75	54	3.25
6983	Vertical	Pk	48.11	74	25.89
17250	Vertical	Pk	50.38	74	23.62
18097	Vertical	Pk	50.75	74	23.25

Note: - Peak (Pk) value already within Average (Av) limits, therefor Av not retested. Peak values also noted as Av value to show compliance with Av limit. - Peak detector used with a bandwidth of 1 MHz.

# Radiated Emission, 1 - 25GHz, Horizontal and Vertical Antenna Orientations, 2412 MHz – HT4-20 MHz – Antenna 2

Freq. [MHz]	Antenna Orientation	Detector	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]
6983	Vertical	Av	48.27	54	5.73
17250	Vertical	Av	50.40	54	3.60
18097	Vertical	Av	50.40	54	3.60
6983	Vertical	Pk	48.27	74	25.73
17250	Vertical	Pk	50.40	74	23.30
18097	Vertical	Pk	50.40	74	23.60

Note: - Peak (Pk) value already within Average (Av) limits, therefor Av not retested. Peak values also noted as Av value to show compliance with Av limit.



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# Radiated Emission, 1 - 25GHz, Horizontal and Vertical Antenna Orientations, 2412 MHz – HT8-20 MHz – Antenna 1+2

Freq. [MHz]	Antenna Orientation	Detector	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]
14160	Vertical	Av	49.20	54	4.80
17250	Vertical	Av	50.70	54	3.30
18097	Vertical	Av	49.12	54	4.88
14160	Vertical	Pk	49.20	74	24.80
17250	Vertical	Pk	50.70	74	23.30
18097	Vertical	Pk	49.12	74	24.88

Note: - Peak (Pk) value already within Average (Av) limits, therefor Av not retested. Peak values also noted as Av value to show compliance with Av limit. - Peak detector used with a bandwidth of 1 MHz

# Radiated Emission, 1 - 25GHz, Horizontal and Vertical Antenna Orientations, 2422 MHz – HT4-40 MHz – Antenna 1

Freq. [MHz]	Antenna Orientation	Detector	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]
14160	Vertical	Av	49.01	54	4.99
17250	Vertical	Av	50.63	54	3.37
18097	Vertical	Av	51.45	54	2.55
14160	Vertical	Pk	49.01	74	24.99
17250	Vertical	Pk	50.63	74	23.37
18097	Vertical	Pk	51.45	74	22.55

Note: - Peak (Pk) value already within Average (Av) limits, therefor Av not retested. Peak values also noted as Av value to show compliance with Av limit.



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# Radiated Emission, 1 - 25GHz, Horizontal and Vertical Antenna Orientations, 2422 MHz – HT4-40 MHz – Antenna 2

Freq. [MHz]	Antenna Orientation	Detector	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]
14160	Vertical	Av	48.07	54	5.93
17250	Vertical	Av	49.56	54	4.44
18097	Vertical	Av	50.73	54	3.27
14160	Vertical	Pk	48.07	74	25.93
17250	Vertical	Pk	49.56	74	24.44
18097	Vertical	Pk	50.73	74	23.27

Note: - Peak (Pk) value already within Average (Av) limits, therefor Av not retested. Peak values also noted as Av value to show compliance with Av limit.

- Peak detector used with a bandwidth of 1 MHz

# Radiated Emission, 1 - 25GHz, Horizontal and Vertical Antenna Orientations, 2422 MHz – HT8-40 MHz – Antenna 1+2

Freq. [MHz]	Antenna Orientation	Detector	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]
17250	Vertical	Av	49.79	54	4.21
18097	Vertical	Av	50.73	54	3.27
18745	Horizontal	Av	50.48	54	3.52
17250	Vertical	Pk	49.79	74	24.21
18097	Vertical	Pk	50.73	74	23.27
18745	Horizontal	Pk	50.48	74	23.52

Note: - Peak (Pk) value already within Average (Av) limits, therefor Av not retested. Peak values also noted as Av value to show compliance with Av limit. - Peak detector used with a bandwidth of 1 MHz



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# Radiated Emission, 1 - 25GHz, Horizontal and Vertical Antenna Orientations, 2437 MHz - 1 Mb DSSS – Antenna 2

Freq. [MHz]	Antenna Orientation	Detector	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]
16104	Vertical	Av	49.19	54	4.81
17250	Vertical	Av	49.67	54	4.33
18047	Vertical	Av	50.35	54	3.65
16104	Vertical	Pk	49.19	74	24.81
17250	Vertical	Pk	49.67	74	24.33
18047	Vertical	Pk	50.35	74	23.65

Note: - Peak (Pk) value already within Average (Av) limits, therefor Av not retested. Peak values also noted as Av value to show compliance with Av limit.

- Peak detector used with a bandwidth of 1 MHz.

# Radiated Emission, 1 - 25GHz, Horizontal and Vertical Antenna Orientations, 2437 MHz - 1 Mb DSSS – Antenna 1

Freq. [MHz]	Antenna Orientation	Detector	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]
6933	Vertical	Av	48.80	54	5.20
17250	Vertical	Av	49.84	54	4.16
18097	Vertical	Av	50.22	54	3.78
6933	Vertical	Pk	48.80	74	25.20
17250	Vertical	Pk	49.84	74	24.16
18097	Vertical	Pk	50.22	74	23.78

Note: - Peak (Pk) value already within Average (Av) limits, therefor Av not retested. Peak values also noted as Av value to show compliance with Av limit.



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## Radiated Emission, 1 - 25GHz, Horizontal and Vertical Antenna Orientations, 2437 MHz - 6 Mb OFDM – Antenna 2

Freq. [MHz]	Antenna Orientation	Detector	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]
6983	Vertical	Av	47.97	54	6.03
17250	Vertical	Av	49.79	54	4.21
18097	Vertical	Av	51.50	54	2.50
6983	Vertical	Pk	47.97	74	26.03
17250	Vertical	Pk	49.79	74	24.21
18097	Vertical	Pk	51.50	74	22.50

Note: - Peak (Pk) value already within Average (Av) limits, therefor Av not retested. Peak values also noted as Av value to show compliance with Av limit.

- Peak detector used with a bandwidth of 1 MHz.

# Radiated Emission, 1 - 25GHz, Horizontal and Vertical Antenna Orientations, 2437 MHz - 54 Mb OFDM – Antenna 1

Freq. [MHz]	Antenna Orientation	Detector	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]
6983	Vertical	Av	47.49	54	6.51
17250	Horizontal	Av	49.62	54	4.38
18097	Vertical	Av	50.61	54	3.39
6983	Vertical	Pk	47.49	74	26.51
17250	Horizontal	Pk	49.62	74	24.38
18097	Vertical	Pk	50.61	74	23.39

Note: - Peak (Pk) value already within Average (Av) limits, therefor Av not retested. Peak values also noted as Av value to show compliance with Av limit. - Peak detector used with a bandwidth of 1 MHz.



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## Radiated Emission, 1 - 25GHz, Horizontal and Vertical Antenna Orientations, 2437 MHz – HT4-20 MHz – Antenna 1

Freq. [MHz]	Antenna Orientation	Detector	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]
6983	Vertical	Av	47.96	54	6.04
17250	Vertical	Av	50.75	54	3.25
18097	Vertical	Av	50.16	54	3.84
6983	Vertical	Pk	47.96	74	26.04
17250	Vertical	Pk	50.75	74	23.25
18097	Vertical	Pk	50.16	74	23.84

Note: - Peak (Pk) value already within Average (Av) limits, therefor Av not retested. Peak values also noted as Av value to show compliance with Av limit.

- Peak detector used with a bandwidth of 1 MHz.

#### Radiated Emission, 1 - 25GHz, Horizontal and Vertical Antenna Orientations, 2437 MHz – HT4-20 MHz – Antenna 2

Freq. [MHz]	Antenna Orientation	Detector	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]
6983	Horizontal	Av	47.38	54	6.62
17250	Vertical	Av	50.78	54	3.22
18097	Vertical	Av	50.81	54	3.19
6983	Horizontal	Pk	47.38	74	26.62
17250	Vertical	Pk	50.78	74	23.22
18097	Vertical	Pk	50.81	74	23.19

Note: - Peak (Pk) value already within Average (Av) limits, therefor Av not retested. Peak values also noted as Av value to show compliance with Av limit.



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#### Radiated Emission, 1 - 25GHz, Horizontal and Vertical Antenna Orientations, 2437 MHz – HT8-20 MHz – Antenna 1+2

Freq. [MHz]	Antenna Orientation	Detector	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]
6983	Vertical	Av	48.48	54	5,52
17250	Vertical	Av	50.39	54	3,61
18097	Vertical	Av	50.69	54	3,31
6983	Vertical	Pk	48.48	74	25,52
17250	Vertical	Pk	50.39	74	23,61
18097	Vertical	Pk	50.69	74	23,31

Note: - Peak (Pk) value already within Average (Av) limits, therefor Av not retested. Peak values also noted as Av value to show compliance with Av limit.

- Peak detector used with a bandwidth of 1 MHz

# Radiated Emission, 1 - 25GHz, Horizontal and Vertical Antenna Orientations, 2437 MHz – HT4-40 MHz – Antenna 1

Freq. [MHz]	Antenna Orientation	Detector	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]
6983	Vertical	Av	49,45	54	4,55
17250	Vertical	Av	51,04	54	2,96
18097	Vertical	Av	51,53	54	2,47
6983	Vertical	Pk	49,45	74	24,55
17250	Vertical	Pk	51,04	74	22,96
18097	Vertical	Pk	51,53	74	22,47

Note: - Peak (Pk) value already within Average (Av) limits, therefor Av not retested. Peak values also noted as Av value to show compliance with Av limit. - Peak detector used with a bandwidth of 1 MHz



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## Radiated Emission, 1 - 25GHz, Horizontal and Vertical Antenna Orientations, 2437 MHz – HT4-40 MHz – Antenna 2

Freq. [MHz]	Antenna Orientation	Detector	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]
14160	Vertical	Av	48,73	54	5,27
17250	Vertical	Av	50,50	54	3,50
18097	Vertical	Av	51,03	54	2,97
14160	Vertical	Pk	48,73	74	25,27
17250	Vertical	Pk	50,50	74	23,50
18097	Vertical	Pk	51,03	74	22,97

Note: - Peak (Pk) value already within Average (Av) limits, therefor Av not retested. Peak values also noted as Av value to show compliance with Av limit.

- Peak detector used with a bandwidth of 1 MHz

# Radiated Emission, 1 - 25GHz, Horizontal and Vertical Antenna Orientations, 2437 MHz – HT8-40 MHz – Antenna 1+2

Freq. [MHz]	Antenna Orientation	Detector	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]
18695	Vertical	Av	49,72	54	4,28
17250	Vertical	Av	50,22	54	3,78
18097	Horizontal	Av	50,20	54	3,80
18695	Vertical	Pk	49,72	74	24,28
17250	Vertical	Pk	50,22	74	23,78
18097	Horizontal	Pk	50,20	74	23,80

Note: - Peak (Pk) value already within Average (Av) limits, therefor Av not retested. Peak values also noted as Av value to show compliance with Av limit. - Peak detector used with a bandwidth of 1 MHz



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# Radiated Emission, 1 - 25GHz, Horizontal and Vertical Antenna Orientations, 2462 MHz - 1 Mb DSSS – Antenna 2

Freq. [MHz]	Antenna Orientation	Detector	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]
17250	Vertical	Av	49,25	54	4,75
18097	Vertical	Av	50,21	54	3,79
19642	Horizontal	Av	50,31	54	3,69
17250	Vertical	Pk	49,25	74	24,75
18097	Vertical	Pk	50,21	74	23,79
19642	Horizontal	Pk	50,31	74	23,69

Note: - Peak (Pk) value already within Average (Av) limits, therefor Av not retested. Peak values also noted as Av value to show compliance with Av limit.

- Peak detector used with a bandwidth of 1 MHz.

#### Radiated Emission, 1 - 25GHz, Horizontal and Vertical Antenna Orientations, 2462 MHz - 1 Mb DSSS – Antenna 1

Freq. [MHz]	Antenna Orientation	Detector	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]
16452	Vertical	Av	50,05	54	3,95
17250	Vertical	Av	50,82	54	3,18
18097	Vertical	Av	51,77	54	2,23
16452	Vertical	Pk	50,05	74	23,95
17250	Vertical	Pk	50,82	74	23,18
18097	Vertical	Pk	51,77	74	22,23

Note: - Peak (Pk) value already within Average (Av) limits, therefor Av not retested. Peak values also noted as Av value to show compliance with Av limit.


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# Radiated Emission, 1 - 25GHz, Horizontal and Vertical Antenna Orientations, 2462 MHz - 6 Mb OFDM – Antenna 2

Freq. [MHz]	Antenna Orientation	Detector	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]
7033	Horizontal	Av	48,79	54	5,21
17250	Vertical	Av	49,51	54	4,49
18097	Vertical	Av	49,83	54	4,17
7033	Horizontal	Pk	48,79	74	25,21
17250	Vertical	Pk	49,51	74	24,49
18097	Vertical	Pk	49,83	74	24,17

Note: - Peak (Pk) value already within Average (Av) limits, therefor Av not retested. Peak values also noted as Av value to show compliance with Av limit.

- Peak detector used with a bandwidth of 1 MHz.

# Radiated Emission, 1 - 25GHz, Horizontal and Vertical Antenna Orientations, 2462 MHz - 6 Mb OFDM – Antenna 1

Freq. [MHz]	Antenna Orientation	Detector	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]
6983	Vertical	Av	48,67	54	5,33
17250	Horizontal	Av	49,90	54	4,10
18097	Vertical	Av	49,90	54	4,10
6983	Vertical	Pk	48,67	74	25,33
17250	Horizontal	Pk	49,90	74	24,10
18097	Vertical	Pk	49,90	74	24,10

Note: - Peak (Pk) value already within Average (Av) limits, therefor Av not retested. Peak values also noted as Av value to show compliance with Av limit.

- Peak detector used with a bandwidth of 1 MHz.



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# Radiated Emission, 1 - 25GHz, Horizontal and Vertical Antenna Orientations, 2462 MHz – HT4-20 MHz – Antenna 1

Freq. [MHz]	Antenna Orientation	Detector	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]
16502	Vertical	Av	49,16	54	4,84
17250	Vertical	Av	50,19	54	3,81
18097	Vertical	Av	49,78	54	4,22
16502	Vertical	Pk	49,16	74	24,84
17250	Vertical	Pk	50,19	74	23,81
18097	Vertical	Pk	49,78	74	24,22

Note: - Peak (Pk) value already within Average (Av) limits, therefor Av not retested. Peak values also noted as Av value to show compliance with Av limit.

- Peak detector used with a bandwidth of 1 MHz.

# Radiated Emission, 1 - 25GHz, Horizontal and Vertical Antenna Orientations, 2462 MHz – HT4-20 MHz – Antenna 2

Freq. [MHz]	Antenna Orientation	Detector	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]
6983	Vertical	Av	48,96	54	5,04
17250	Vertical	Av	50,26	54	3,74
18097	Vertical	Av	51,25	54	2,75
6983	Vertical	Pk	48,96	74	25,04
17250	Vertical	Pk	50,26	74	23,74
18097	Vertical	Pk	51,25	74	22,75

Note: - Peak (Pk) value already within Average (Av) limits, therefor Av not retested. Peak values also noted as Av value to show compliance with Av limit.

- Peak detector used with a bandwidth of 1 MHz.



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# Radiated Emission, 1 - 25GHz, Horizontal and Vertical Antenna Orientations, 2462 MHz – HT8-20 MHz – Antenna 1+2

Freq. [MHz]	Antenna Orientation	Detector	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]
6933	Horizontal	Av	48,64	54	5,36
17250	Vertical	Av	49,64	54	4,36
18047	Vertical	Av	50,36	54	3,64
6933	Horizontal	Pk	48,64	74	25,36
17250	Vertical	Pk	49,64	74	24,36
18047	Vertical	Pk	50,36	74	23,64

Note: - Peak (Pk) value already within Average (Av) limits, therefor Av not retested. Peak values also noted as Av value to show compliance with Av limit.

- Peak detector used with a bandwidth of 1 MHz

# Radiated Emission, 1 - 25GHz, Horizontal and Vertical Antenna Orientations, 2452 MHz – HT4-40 MHz – Antenna 1

Freq. [MHz]	Antenna Orientation	Detector	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]
6933	Vertical	Av	47,79	54	6,21
17250	Vertical	Av	51,01	54	2,99
18097	Vertical	Av	50,90	54	3,10
6933	Vertical	Pk	47,79	74	26,21
17250	Vertical	Pk	51,01	74	22,99
18097	Vertical	Pk	50,90	74	23,10

Note: - Peak (Pk) value already within Average (Av) limits, therefor Av not retested. Peak values also noted as Av value to show compliance with Av limit. - Peak detector used with a bandwidth of 1 MHz



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# Radiated Emission, 1 - 25GHz, Horizontal and Vertical Antenna Orientations, 2452 MHz – HT4-40 MHz – Antenna 2

Freq. [MHz]	Antenna Orientation	Detector	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]
6933	Vertical	Av	48,34	54	5,66
17250	Vertical	Av	49,87	54	4,13
18097	Vertical	Av	49,57	54	4,43
6933	Vertical	Pk	48,34	74	25,66
17250	Vertical	Pk	49,87	74	24,13
18097	Vertical	Pk	49,57	74	24,43

Note: - Peak (Pk) value already within Average (Av) limits, therefor Av not retested. Peak values also noted as Av value to show compliance with Av limit.

- Peak detector used with a bandwidth of 1 MHz

# Radiated Emission, 1 - 25GHz, Horizontal and Vertical Antenna Orientations, 2452 MHz – HT8-40 MHz – Antenna 1+2

Freq. [MHz]	Antenna Orientation	Detector	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]
7381	Vertical	Av	48,04	54	5,96
17250	Vertical	Av	49,86	54	4,14
18097	Vertical	Av	51,19	54	2,81
7381	Vertical	Pk	48,04	74	25,96
17250	Vertical	Pk	49,86	74	24,14
18097	Vertical	Pk	51,19	74	22,81

Note: - Peak (Pk) value already within Average (Av) limits, therefor Av not retested. Peak values also noted as Av value to show compliance with Av limit. - Peak detector used with a bandwidth of 1 MHz



Test Report No.:	12121201.fcc01	Page 113 of 263
5.2.6 Radiated Spurio	ous Emissions of Transm	itter in restricted bands
<b>RESULT: Pass</b>		
Date of testing:	2013-01-10 and	2013-02-04
Frequency repair		
Frequency range.	4.5-5.15 GHZ ai	IU 5.55-5.40 GHZ
Requirements:	d ECC 15 247(d) and DCC Can	
FCC 15.205, FCC 15.209 an	Id FCC 15.247(d) and RSS-Gen	
Radiated emissions which fa with the radiated emission lir	nits specified in FCC 15.209(a).	ed in FCC 15.205(a), must comply
Test procedure:		
ANSI C63.10-2009. The EUT was placed on a normeasurements of radiated energistic emission spectrum profile. The and the EUT orientation (X, Y) amplitudes were attained.	onconductive turntable 0.8m above missions were performed, the EUT he physical arrangement of the tes Y, Z) were varied in order to ensur	e the ground plane. Before final was scanned to determine its st system, the associated cabling e that maximum emission
The spectrum was examined measurements were made a	l from 4.5-5.15 GHz and 5.35-5.46 it 3m distance.	GHz. Final radiated emission
At each frequency where a s antenna was raised and lowe level. Measurements were ta	purious emission was found, the E ered from 1 to 4m in order to deter aken using both horizontal and vert	EUT was rotated 360° and the mine the emission's maximum tical antenna polarizations.
The highest emission amplitu Field strength values of radia 20 dB below the applicable li	udes relative to the appropriate lim ated emissions at frequencies not l imit.	it were recorded in this report. isted in the tables are more than
Correction factors are incorp Refer to section 4.2 for the p Correction factors includes: a	orated in the spectrum analyzers a ower settings and modes. antenna factor, cable loss and pre-	as an automated function. amplifier gain.







noration model 1Mb DC	NCC Antonno 1	
peration mode: Twb DS	SSS, Antenna 1	
		_
Spectrum		
Att 20 dB SWT 13.2 µs 1Pk View	VBW 1 MHz Mode Auto FFT	
20 dByV 01 118 450 dByV	M1[1]	нv Hz
10 dBµV	02[1] -++.84 -24.310 M	dB Hz
00 dBuV 02 98,460 dBuV		+
0 dBµV		-
0 dBµV	p2	-
O dBpV/y		
		]
о дври	F2 F1	_
F 2.972 GHz orker	691 pts Bpan 100.0 MH	IZ
Type         Ref         Trc         Stimulus           M1         1         2.41049 GHz	Response Function Function Result	
D2         M1         1         -24.31 MHz           D3         M1         1         -34.73 MHz	-44.64 dB -50.96 dB	
D4 M1 1 -80.75 MHz	-51.99 dB	-
te: 10.JAN.2013 10:01:33		
ow Channel		
bectrum	ſ	P
Ref Level 127.00 dBµV Offset 16.70 dB	RBW 1 MHz	<u>v</u> ]
1Pk Visw		
20 dB (Jac D1 119.350 dB UV	2.46920 G	Hz Hz
	17.020 M	Hz
		-
0 dBµV	D5 D6	
о dBµV		_
tart 2.46 GHz arker	691 pts 8top 2.6 GH	z
Type         Ref         Trc         Stimulus           M1         1         2.46922 GHz	Response Function Function Result 119.35 dBµV	
D2         M1         1         17.02         MHz           D3         M1         1         28.57         MHz           D4         M1         1         28.57         MHz	-30.96 dB -11.64 dB	
UH         M1         1         37.08 MHz           D5         M1         1         72.74 MHz           D6         M1         1         00.6P MUHz	-54.39 dB -54.27 dB	
	Massing Transferration	
te: 10.JAN.2013 11:48:45		



est Report No.:		12121201.fc	c01	Page 116 of 263
Operation mod	e: 6 Mb OFI	DM, Antenna 2		
			(m)	
Spectrum Ref Level 127.00 dBµ'	V Offset 16.70 dB	🖝 RBW 1 MHz		
Att 20 di 1Pk View	В <b>9WT</b> 13.2 µs	VBW 1 MHz Mode Auto FFT		
		M1[1]	118.61 dBµV	
	SOTO ORPA	02[1]	-34.05 (B -25.470 MHz	
100 dBuV - 02 08 610 /	18un			
90 dBuV	1010		Juny 1	
80 dBµV				
70 dBµV		mont		
60 dBuv	mon	mm -		
50 dBµV				
40 dBµV				
30 dBµV		F2   F1		
CF 2.972 GHz Morker		691 pts	Span 100.0 MHz	
Type         Ref         Trc           M1         1           D2         M1         1           D3         M1         1	Stimulus           2.41542 GHz           -25.47 MHz           -31.98 MHz	Response         Function           118.61 dBµY         -34.05 dB           -34.05 dB         -41.88 dB	Function Result	
D4 M1 1	-76.99 MHz	-51.38 dB		
Oate: 10.JAN.2013 10	0:03:42			
Date: 10.JAN.2013 1( LOW Channel Spectrum Ref Level 127.00 dBuy	):03:42 / <b>Offset</b> 16.70 dB	● RBW 1 MHz		
Date: 10. JAN. 2013 1( _OW Channel Spectrum Ref Level 127.00 dBp/ Att 20 dB	):03:42 / <b>Offset</b> 16.70 dB B <b>SWT</b> 18.9 µs	● RBW 1 MHz ● VBW 1 MHz Mode Auto FFT	(₩	
Date:         10. JAN. 2013         11           LOW Channel         Spectrum           Ref Level         127.00 dBµ <sup>1</sup> Att         20 dB           1Pk Visw         11           120.00 JPk - 0.1         110 500	9:03:42 V <b>Offset</b> 16.70 dB B <b>SWT</b> 18.9 µs	RBW 1 MHz     VBW 1 MHz     Mide Auto FFT     M1[1]	(₩) 119.35 dBµV	
Date:         10. JAN. 2013         10           LOW Channel         Spectrum           Ref Level         127.00 dBµV           Att         20 dB           120 dBµV         D1           120 dBµV         D1           170 dBµV         D1	0:03:42 <b>Offset</b> 16.70 dB <b>SWT</b> 18.9 µs dBµV	RBW 1 MHz     WBW 1 MHz     Mode Auto FFT     M1[1]     D2[1]	119.35 dBµV 2.466790 GHz -22.54 dB 12 220 MHz	
Date:         10. JAN. 2013         10           LOW Channel         Spectrum         Spectrum           Ref Level         127.00 dBµ/         20 dB           110 dBµ/         119.350         119.350           110 dBµ/         119.350         119.250	2:03:42 У Offset 16.70 dB 8 SWT 18.9 µs dBµV	RBW 1 MHz     VBW 1 MHz     Mode Auto FFT     M1[1]     D2[1]	119.35 dBµV 2.466790 GHz -22.54 dB 17.220 MHz	
Date:         10. JAN. 2013         10           LOW Channel         Spectrum           Ref Level         127.00 dBµr           Att         20 db           120 dBµr         119.350           110 dBµr         119.350           110 dBµr         119.350           100 dBµr         D2 qp.           90 dBµr         100 dBµr	2:03:42 2 Offset 16.70 dB 8 SWT 18.9 μs dBμV 350 dBμV	RBW 1 MHz     Wode Auto FFT     M1[1]     D2[1]     IMHz     IMHz     IMHz     M1[1]     IMHz     III     III     III     IIII     IIII     IIII     IIII     IIIII     IIIII     IIIII     IIIII     IIIII     IIIIII	119.35 dBµV 2.466790 GHz -22.54 dB 17.220 MHz	
Date:         10. JAN. 2013         10           LOW Channel         Spectrum         Spectrum           Ref Level         127.00 dBµV         20 dBµV           120 dBµV         D1 119 350         110 dBµV           100 dBµV         D2 203         90 dBµV           90 dBµV         D2 203         90 dBµV	2:03:42 2:03:42 2:03:42 2:03:42 3:0 dBpV 3:50 dBpV 3:50 dBpV 0:03:42 0:03:42	RBW 1 MHz     VBW 1 MHz     Mode Auto FFT      M1[1]     D2[1]     I	119.35 dBµ∀ -2.466790 GHz -22.54 dB 17.220 MHz	
Date:         10. JAN. 2013         10           LOW Channel         Spectrum         Spectrum           Ref Level         127.00 dBµ/         20 dBµ/           110 dBµ/         20 dBµ/         20 dBµ/           110 dBµ/         1119.350         350           100 dBµ/         0.02 dBµ/         0.02 dBµ/           90 dBµ/         0.02 dBµ/         0.02 dBµ/	2:03:42 2 Offset 16.70 dB 8 SWT 18.9 μs dBμV 350 dBμV 04 04 04 04	RBW 1 MHz     VBW 1 MHz     Mode Auto FFT      M1[1]     D2[1]     U5     U5     Auto Auto Auto Auto Auto Auto Auto A	119.35 dBµV 2.466790 GHz -22.54 dB 17.220 MHz	
Date:         10. JAN. 2013         10           LOW Channel         Spectrum           Ref Level         127.00 dBµX           14         20 dl           14         20 dl           140 dBµX         119 350           150 dBµX         01 119 350           160 dBµX         02 day           90 dBµX         04 day           90 dBµX         04 day           90 dBµX         04 day	2:03:42 2:03:42 2:03:42 2:03:42 3:0 dBpv 3:0 dBpv 3:0 dBpv 0:04 0:04 0:04	RBW 1 MHz     VBW 1 MHz     Mode Auto FFT     M1[1]     D2[1]     U5     M1	Т 119.35 dBµV 2.466790 GHz -22.54 dB 17.220 MHz 17.220 MHz 0 0 0 0 0 0 0 0 0 0 0 0 0	
Date:         10. JAN. 2013         10           LOW Channel         Spectrum         Spectrum           Ref Level         127.00 dBµY         20 dBµY           120 dBµY         D1 119.350         110 dBµY           110 dBµY         D1 119.350         110 dBµY           90 dBµY         D D D QQ         90 dBµY           90 dBµY         10 dBµY         10 dBµY	2:03:42 2:03:42 2:03:42 3:00 dBpv 4:00 dBpv 3:50 dBpv 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04 0:04	RBW 1 MHz     VBW 1 MHz     Mode Auto FFT      M1[1]     D2[1]     U5     M		
Date:         10. JAN. 2013         10           LOW Channel         Spectrum         20 dBµ/           Ref Level         127.00 dBµ/         20 dBµ/           120 dBµ/         20 dBµ/         20 dBµ/           120 dBµ/         119.350         119.350           170 dBµ/         01 119.350         100 dBµ/           90 dBµ/         02 daµ         90           90 dBµ/         02 daµ         90           60 dBµ/         50 dBµ/         50 dBµ/           40 dBµ/         51 dBµ/         51	2:03:42 2 Offset 16:70 dB 8 SWT 18:9 μs dBμV 350 dBμV Δ4 Δ4 Δ4 Δ4 Δ4 Γ2	RBW 1 MHz     VBW 1 MHz     Mode Auto FFT      M1[1]     D2[1]     U	119.35 dBµV 2.466790 GHz -22.54 dB 17.220 MHz 17.220 MHz 06 0000000000000000000000000000000000	
Date:         10. JAN. 2013         10           LOW Channel         Spectrum         Ref Level         127.00 dBµV           Ref Level         127.00 dBµV         20 dl           Ito dBµV         01         119 350           Ito dBµV         02 dl         110 dBµV           90 dBµV         02 dBµV         02 dl           90 dBµV         02 dl         90 dBµV           90 dBµV         02 dl         90 dBµV           90 dBµV         90 dBµV         90 dBµV           90 dBµV         90 dBµV         90 dBµV           90 dBµV         90 dBµV         91 flag           90 dBµV         92 dl         91 flag           90 dBµV         92 dl         91 flag           90 dBµV         91 flag         91 flag           90 dBµV         92 flag         91 flag           90 dBµV         91 flag         91 flag           91 dlag         91 flag         91 flag           91 dlag         91 flag         91 flag           91 dlag <td< td=""><td>2:03:42 2 Offset 16.70 dB 8 SWT 18.9 µs dBµV 350 dBµV 50 dBµV F2 F2</td><td>RBW 1 MHz     VBW 1 MHz     Mode Auto FFT      M1[1]     D2[1]     U5     Auto Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto</td><td>119.35 dBµV           2.466790 GHz           -22.54 dB           17.220 MHz           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0</td><td></td></td<>	2:03:42 2 Offset 16.70 dB 8 SWT 18.9 µs dBµV 350 dBµV 50 dBµV F2 F2	RBW 1 MHz     VBW 1 MHz     Mode Auto FFT      M1[1]     D2[1]     U5     Auto Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     Auto     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Date:         10. JAN. 2013         10           LOW Channel         Spectrum         Spectrum           Ref Level         127.00 dBµ/         20 dBµ/           120 dBµ/         D1 119.350         110 dBµ/           120 dBµ/         D1 119.350         110 dBµ/           100 dBµ/         D0 dBµ/         00 dBµ/           90 dBµ/         00 dBµ/         00 dBµ/           50 dBµ/         90 dBµ/         10 dBµ/           50 dBµ/         10 dBµ/         10 dBµ/           50 dBµ/         F1         50 dBµ/	2:03:42 2:03:42 2:03:42 2:03:42 3:00 dBpv 4:00 dBpv 3:00 dBpv 4:00 dBpv 4:00 dBpv 5:00 dBp	RBW 1 MHz     VBW 1 MHz     Mode Auto FFT      M1[1]     D2[1]     Ub     Ub     G91 pts      Response     Function		
Date:         10. JAN. 2013         10           LOW Channel         Spectrum         Spectrum           Ref Level         127.00 dBµ/         20 dBµ/           120 dBµ/         20 dBµ/         20 dBµ/           110 dBµ/         119.350         119.350           110 dBµ/         01 119.350         100 dBµ/           90 dBµ/         02 dBµ/         90           90 dBµ/         02 dBµ/         90           90 dBµ/         90 dBµ/         90 dBµ/           90 dBµ/         90 dBµ/         91 dBµ/           90 dBµ/         91 dBµ/         91 dBµ/           91 dBµ/         1 dBµ/	2:03:42 2:03:42 2:03:42 2:03:42 3:0 dBpv 3:0 dBpv 3:0 dBpv 5:0 dBpv	RBW 1 MHz     VBW 1 MHz     Mode Auto FFT      M1[1]     D2[1]     Ub     Ub     G91 pts      Response Function     119.35 dBµV     -22.54 dB	119.35 dBµV 2.466790 GHz -22.54 dB 17.220 MHz 17.220 MHz 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
Date:         10. JAN. 2013         11           OW Channel         Spectrum         Ref Level         127.00 dBµV           Ref Level         127.00 dBµV         0 dBµV         0 dBµV           90 dBµV         0 1 119 350         110 dBµV         0 1 119 350           90 dBµV         0 20 dBµV         0 20 dBµV         0 20 dBµV           90 dBµV         0 20 dBµV         0 20 dBµV         0 30 dBµV           80 dBµV         90 dBµV         91 dBµV <th< td=""><td>2:03:42 2 Offset 16.70 dB 8 SWT 18.9 µs dBµV 350 dBµV 550 dBµ</td><td>RBW 1 MHz     VBW 1 MHz     Mode Auto FFT      M1[1]     D2[1]     U5     U5     G91 pts      Response Function     119.35 dBµV     -22.54 dB     -24.49 dB     -46.22 dB</td><td>119.35 dBµV 2.466790 GHz -22.54 dB 17.220 MHz 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td></td></th<>	2:03:42 2 Offset 16.70 dB 8 SWT 18.9 µs dBµV 350 dBµV 550 dBµ	RBW 1 MHz     VBW 1 MHz     Mode Auto FFT      M1[1]     D2[1]     U5     U5     G91 pts      Response Function     119.35 dBµV     -22.54 dB     -24.49 dB     -46.22 dB	119.35 dBµV 2.466790 GHz -22.54 dB 17.220 MHz 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
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Date:         10. JAN. 2013         11           Low Channel         Spectrum         Ref Level         127.00         dBµ/           Att         20 di         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0	2:03:42 V Offset 16.70 dB B SWT 18.9 µs dBµV 350 dBµV F2 Stimulus F2 Stimulus F2 Stimulus F2 Stimulus F2 Stimulus F2 Stimulus F2 Stimulus F2 Stimulus S0 dBµV S0	RBW 1 MHz         Mode Auto FFT           VBW 1 MHz         Mode Auto FFT           M1[1]         D2[1]           015         015           691 pts         Function           119.35 dBµV         -22.54 dB           -24.49 dB         -53.24 dB           -53.24 dB         -54.82 dB	119.35 dBµV 2.466790 GHz -22.54 dB 17.220 MHz 17.220 MHz 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
Date: 10.JAN.2013         10           LOW Channel         Spectrum           Ref Level         127.00 dBµX           M1         20 dl           110 dBµX         01 119 350           110 dBµX         01 119 350           110 dBµX         02 dl           90 dBµX         90 dBµX           90 dBµX         90 dBµX           90 dBµX         91 119 350           10 dBµX         92 dl           10 dBµX         91 119 350           10 dBµX         11 1           02 M1 1         10 1           05 M1 1         10 1           05 M1 1         10 1	0:03:42           0 Offset 16.70 dB           9 SWT 18.9 µs           dBµV           350 dBµV           250 dBµV           20:05 dBµV           20:05 dBµV           20:05 MHz           20:05 MHz           38.7 MHz           79:22 MHz           102:52 MHz           ::51:07	RBW 1 MHz         Mode Auto FFT           VBW 1 MHz         Mode Auto FFT           M1[1]         02[1]           01         02[1]           02         02[1]           03         02[1]           04         02[1]           05         04           691 pts         04           691 pts         04           119.35 dBµV         -22.54 dB           -24.49 dB         -46.22 dB           -53.24 dB         -54.82 dB           04         04	119.35 dBµV 2.466790 GHz -22.54 dB 17.220 MHz 17.220 MHz 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
Date: 10.JAN.2013         10           LOW Channel         Spectrum           Ref Level         127.00 dBµY           At         20 dl           91 Pk View         110 dBµY           120 dBµY         01 119 350           110 dBµY         0           110 dBµY         0           90 dBµY         0 D 249,           90 dBµY         90 dBµY           50 dBµY         90 dBµY           50 dBµY         91 dBµY           61 dBµY         91 dBµY           90 dBµY         91 dBµY           90 dBµY         91 dBµY           90 dBµY         91 dBµY           90 dBµY         91 dBµY           91 dB M1 1         10 dBµY	2:03:42 2:03:42 2:03:42 2:00 3:00 3:00 3:00 3:00 3:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:00 4:0	RBW 1 MHz       Mode Auto FFT         VBW 1 MHz       Mode Auto FFT         M1[1]       D2[1]         D2[1]       D2[1]         G91 pts       G91 pts         Response       Function         119.35 dBµV       -22.54 dB         -24.49 dB       -53.24 dB         -53.24 dB       -54.82 dB	119.35 dBµV         2.466790 GHz         -22.54 dB         17.220 MHz         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         <	



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D2 M1 D3 M1	1 -16 1 -24	6.64 MHz 4.17 MHz	-30.13 dB -42.12 dB				
D2 M1 D3 M1 D4 M1 ate: 10.JAN.201	1 -16 1 -24 1 -24 1 -70 1 -70 13 10:09:44 el	5.64 MHz 4.17 MHz 0.19 MHz	-30.13 dB -42.12 dB -51.61 dB		9101111 <b>()</b> 446	rturri setti ye	
D2 M1 D3 M1 D4 M1 ate: 10.JAN.201 .ow Chann	1 -14 1 -24 1 -24 1 -70 1 -70 13 10:09:44 el	5.64 MHz 4.17 MHz ).19 MHz	-30.13 dB -42.12 dB -51.61 dB	)	(111111) <b>(</b> 44)		
02 M1 03 M1 04 M1 ate: 10.JAN.201 .ow Chann Spectrum RefLevel 127.0	1 -14 1 -24 1 -24 1 -70 13 10:09:44 el	5.64 MHz 4.17 MHz 0.19 MHz 16.70 dB	-30.13 dB -42.12 dB -51.61 dB		000000 <b>()</b> 449	Hornberg (r ₩ V	
D2 M1 D3 M1 D4 M1 ate: 10.JAN.201 .ow Chann Spectrum Ref Level 127.0 Att 1Pk Visw	1 -16 1 -24 1 -24 1 -70 13 10:09:44 el 0 dBµY Offset 20 dB 9WT	5.64 MHz 4.17 MHz 0.19 MHz 1.19 MHz 18.9 μs	-30.13 dB -42.12 dB -51.61 dB	) Mode Auto FF	Caractura 📑 🦓	(Terrererererererererererererererererere	
D2 M1 D3 M1 D4 M1 ate: 10.JAN.201 .ow Chann Spectrum Ref Level 127.0 Att 120.084.01 11	1 -14 1 -24 1 -24 1 -7( 1 -7( 1 -7( 1 -7( 1 -7( 1 -7( 1 -7( 1 -24) 1 -7( 1 -7( 1 -24) 1 -7( 1 -7( 1 -24) 1 -7( 1 -7(	6.64 MHz 4.17 MHz 0.19 MHz t 16.70 dB 18.9 μs	-30.13 dB -42.12 dB -51.61 dB	Mode Auto FF	<b>9.1.21 (1.1.1)</b>	119.45 dBpV -2.471040 GHz	
D2         M1           D3         M1           D4         M1           ate:         10. JAN . 201           .ow Chann           Spectrum           Ref Level 127.0           Att           120. dBu%           120. dBu%           140. dBu%	1 -14 1 -24 1 -24 1 -70 1 -70 1 -70 1 -70 1 -70 0 dBμV Offset 20 dB 9WT 9.450 dBμV	5.64 MHz 4.17 MHz 5.19 MHz 5.19 MHz 16.70 dB 18.9 μs	-30.13 dB -42.12 dB -51.61 dB	Mode Auto FF M1[1] D2[1]	<b>9000000000000000000000000000000000000</b>	119.45 dBµ¥ -2.471.040 GHz -23.20 dB 12.970 MHz	
D2 M1 D3 M1 D4 M1 ate: 10.JAN.201 OW Chann Spectrum Ref Level 127.0 Att 1Pk View 120.dBuy 120.dBuy D0 dBuy D0 dBuy	1 -14 1 -24 1 -24 1 -70 1	5.64 MHz 4.17 MHz 3.19 MHz 1.19 MHz t 16.70 dB 18.9 μs	-30.13 dB -42.12 dB -51.61 dB ● RBW 1 MHz ● VBW 1 MHz	) Mode Auto FF M1[1] 02[1]	C	119.45 dBµ¥ -2.471040 GHz -23.20 dB 12.970 MHz	
02         M1           03         M1           04         M1           ate:         10. JAN . 201           .ow Chann           Spectrum           Ref Level 127.0           Att           120 dBuV           100 dBuV           90 dBuV	1 -16 1 -22 1 -22 1 -70 1	164 MHz 4.17 MHz 5.19 MHz 16.70 dB 18.9 μs	-30.13 dB -42.12 dB -51.61 dB	Mode Auto FF M1[1] D2[1]	СПОНИЦИ () СПОНИЦИ () СПОНИЦИ СПОНИЦИ () СПОНИЦИ () СПОНИЦИ () СПОНИЦИ () СПОНИЦИ	119.45 dBµV -2.471040 GHz -23.20 dB 12.970 MHz	
02         M1           03         M1           04         M1           ate:         10.JAN.201           .ow Chann           Spectrum           Ref Level 127.0           Att           120.dBW           100 dByv           00 dByv           90 dByv	1 -14 1 -24 1 -24 1 -70 1 -70 1 -70 1 -70 1 -70 0 dBµY Offset 20 dB SWT 9.450 dBµV 03 04 04 04 04 04 04 04 04 04 04	5.64 MHz 4.17 MHz 5.19 MHz 5.19 MHz 18.9 μs 18.9 μs 18.9 μs	-30.13 dB -42.12 dB -51.61 dB ♥BW 1 MHz ♥VBW 1 MHz	Mode Auto FF M1[1] 02[1]	ФЛИНИЦИ ()	119.45 dBµV -2.471040 GHz -23.20 dB 12.970 MHz	
02 M1 03 M1 04 M1 04 M1 ate: 10.JAN.201 OW Chann Spectrum Ref Level 127.0 Att 120 dBµV 100 dBµV 90 dBµV 80 dBµV 70 dBµV	1 -14 1 -24 1 -24 1 -70 1	1.64 MHz 4.17 MHz 4.17 MHz 1.19 MHz 1.19 MHz 18.9 μs 18.9 μs 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.	-30.13 dB     -42.12 dB     -51.61 dB     vBW 1 MHz     vBW 1 MHz     vBW 1 MHz	Mode Auto FF M1[1] D5 M05 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M15 M1		119.45 dBµ¥ -2.471040 GHz -23.20 dB 12.970 MHz	
02         M1           03         M1           04         M1           ate:         10. JAN . 201           .ow Chann         Spectrum           Ref Level 127.0         Att           1Pk View         120 dBµV           100 dBµV         0           90 dBµV         0           90 dBµV         0           60 dBµV         0	1 -16 1 -22 1 -22 1 -70 1	t 16.70 dB 18.9 μs	-30.13 dB -42.12 dB -51.61 dB	Mode Auto FF 	T	119.45 dBµV -2.471040 GHz -23.20 dB 12.970 MHz	
D2         M1           D3         M1           D4         M1           D1         D1           D0         D1           M1         D1           D0         D4           D4         D4           D5         D4	1 -14 1 -24 1 -24 1 -70 1 -70 1 -70 1 -70 0 dBµV Offset 20 dB 9WT 9.450 dBµV 03 0 dBµV	1.12 MHz 1.17 MHz 1.17 MHz 1.19 MHz 1.19 MHz 18.9 μs 18.9 μs 18.9 μs 18.9 μs 19.6 μs 18.9 μs 19.6 μ	-30.13 dB -42.12 dB -51.61 dB	Mode Auto FF 	T	119.45 dBµV -2.471.040 GHz -2.3.20 dB 12.970 MHz	
D2         M1           D3         M1           D4         M1           ate:         10.JAN.201           OW Chann           Spectrum           Ref Level 127.0           Att           120 dBµV           100 dBµV           90 dBµV           90 dBµV           90 dBµV           90 dBµV           50 dBµV           40 dBµV	1 -14 1 -24 1 -24 1 -70 1	1.64 MHz 4.17 MHz 4.17 MHz 1.19 MHz 18.9 μs 18.9 μs 18.9 μs 18.9 μs 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4 1	-30.13 dB -42.12 dB -51.61 dB ♥ VBW 1 MHz ♥ VBW 1 MHz	<u>Mode</u> Auto FF <u>M1[1]</u> <u>D2[1]</u>		E 119.45 dBµV -2.471040 GHz -2.320 dB 12.970 MHz	
02         M1           03         M1           04         M1           ate:         10. JAN . 201           .ow Chann           Spectrum           Ref Level 127.0           Att           120.dBuV           00 dBuV           90 dBuV	1 -1.6 1 -2.4 1 -2.4 1 -7( 1 -7(	1.64 MHz 1.17 MHz 1.19 MHz 1.19 MHz 18.9 μs 18.9 μs	-30.13 dB -42.12 dB -51.61 dB • VBW 1 MHz • VBW 1 MHz	Mode Auto FF M1[1] D2[1]	T	119.45 dBµV -2.471040 GHz -23.20 dB 12.970 MHz	
02         M1           03         M1           04         M1           04         M1           05         M1           04         M1           05         M1           05         M1           05         M1           05         M1           05         M1           05         M1           100         M1           100         M1           11         M1           100         M1           100         M1           11         M1           100         M1           11         M1           100         M1           11         M1           100         M1           11         M2           00	1 -16 1 -22 1 -70 1	1.15 MHz 1.17 MHz 1.17 MHz 1.19 MHz 1.19 MHz 18.9 μs 1.19 MHz 18.9 μs 1.19 MHz 1.19 MH	-30.13 dB -42.12 dB -51.61 dB	Mode Auto FF 		119.45 dBµV -2.471040 GHz -23.20 dB 12.970 MHz	
02         M1           03         M1           04         M1           04         M1           05         M1           06         M1           07         M1           08         M1           09         M1           010         M1           120         M2           100         M2           90         M2           9	1 -14 1 -24 1 -24 1 -70 1 -70 1 -70 1 -70 1 -70 0 dBµV Offset 20 dB 9WT 9.450 dBµV 03 04 04 04 04 04 04 04 04 04 04	1.64 MHz 4.17 MHz 4.17 MHz 3.19 MHz 18.9 μs 18.9 μs 18.9 μs 104 GHz 2 104 GHz 107 μs 107 μ	-30.13 dB -42.12 dB -51.61 dB • VBW 1 MHz • VBW 1 MHz • VBW 1 MHz • 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Mode Auto FF M1[1] 02[1]     		119.45 dBµV -2.471040 GHz -2.3.20 dB 12.970 MHz 12.970 MHz 12.970 MHz 12.970 MHz 12.970 MHz 12.970 MHz 12.970 MHz 12.970 MHz	
D2         M1           D3         M1           D4         M1           D4         M1           ate:         10.JAN.201           COW Chann           Spectrum           Ref Level 127.0           Att         120.dBuV           100.dBuV         D1           110.dBuV         0           90.dBuV         0           50.dBuV	1 -14 1 -24 1 -24 1 -70 1 -70 1 -70 1 -70 1 -70 0 dBµV Offset 20 dB SWT 9.450 dBµV 0 dBµV 0 dBµV 1 2.47 1 2.47	<ul> <li>i.64 MHz</li> <li>i.17 MHz</li> <li>i.19 MHz</li> <li>i.19 MHz</li> <li>i.19 MHz</li> <li>i.19 MHz</li> <li>i.10 MHz</li></ul>	-30.13 dB -42.12 dB -51.61 dB ♥ BW 1 MHz ♥ VBW 1 MHz ♥ BW 1 MHz ■ 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Mode Auto FF M1[1] D5 Function Function	T Function Re	THE PARTY OF	
D2         M1           D3         M1           D4         M1           D4         M1           ate:         10. JAN . 201           .cow Chann         Spectrum           Ref Level 127.0         Att           1Pk View         IPk View           120 dBµV         D1 11           100 dBµV         D           90 dBµV         B           90 dBµV         D           90 dBµV         B           90 dBµV         B	1         -1ε           1         -2ε           1         -2ε           1         -70           3         10:09:44           Cl         20 dB yWT           9.450 dBµV         9.450 dBµV           20 dB yWT         13           9.450 dBµV         13           1         7.6           1         2.47           1         2.47           1         2.47           1         2.47           1         76	1.12 MHz 1.17 MHz 1.17 MHz 1.19 MHz 18.9 μs 18.9 μs 104 GHz 104 GHz 19 MHz 104 GHz 19 MHz 19 MHz	-30.13 dB -42.12 dB -51.61 dB -51.61 dB ♥ VBW 1 MHz ♥ VBW 1 MHz 0 0 0 0 0 0 0 0 0 0 0 0 0	Mode Auto FF M1[1] D2[1]	T T Function Re	119.45 dBµV -2.471040 GHz -23.20 dB 12.970 MHz      119.45 dBµV Stop 2.6 GHz	
D2         M1           D3         M1           D4         M1           D4         M1           ate:         10. JAN . 201           .ow Chann         Spectrum           Ref Level 127.0         Att           1Pk Visw         11           120 dBµV         D1           110 dBµV         D1           110 dBµV         D1           00 dBµV         D1           90 dBµV         D1           91 dBµV         D1           92 m1         D1           93 m1         D2           93 m1         D2           93 m1         D5           94 m1         D5           95 m1         D1           96 m1         D1  <	1         -1ε           1         -2ε           1         -2ε           1         -70           1         -70           1         -70           1         -70           1         -70           1         -70           0         dBµV           0         dBµV           9         450           9         450           9         450           9         450           9         450           9         450           9         450           9         450           9         450           1         2           1         2           1         2           1         76           1         100	5.64 MHz 4.17 MHz 4.17 MHz 5.19 MHz 18.9 μs 18.9 μs 19.4 GHz 9.7 MHz .22 MHz .29 MHz .29 MHz	-30.13 dB -42.12 dB -51.61 dB -51.61 dB VBW 1 MHz VBW 1 MHz 0 0 0 0 0 0 0 0 0 0 0 0 0	Mode Auto FF M1[1] D2[1] D5 Function		EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERC	



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	e: H14-20 W	nz, Antenna	I		
Ref Level 127.00 dBpY	Offset 16.70 dB	RBW 1 MHz			
Att 20 dB	9WT 13.2 µs (	VBW 1 MHz Mod	le Auto FFT		
			M1[1]	117,11 dBpV	
120 depv D1 117.110 d	Івру		02[1]	2.41490 GHz -25.91 db	
110 dBµV	8			-25.180 MHz	
100 dBµV	10 dBµ <del>V</del>		TR Down		
90 dBµV			D3 /4		
80 dBµV	1	04 			
70 dBµV	n	frand			
EO GRUV					
50 dBµV					
40 dBµV			F2		
30 dBµV		691 mts		Spap 100 0 MHz	
Marker		031 p(3		opan 100.0 Minz	
Type Ref Trc M1 1	2.41469 GHz	Response Fu 117.11 dBµY	nction Function	n Result	
02 M1 1 03 M1 1	-25.18 MHz -31.4 MHz	-26.91 dB -33.43 dB		<u></u>	
D4 M1 1	-37.19 MHz	-39.17 dB			
ate: 10.JAN.2013 10: ow Channel	16:28	-51.50 µB	(internet) 44	Hold Barya	
ate: 10.JAN.2013 10: ow Channel Spectrum Ref Level 127.00 dby/	Offset 16.70 dB	• RBW 1 MHz	Contraction (Contraction) 444		
Abe: 10.JAN.2013 10: OW Channel Spectrum Ref Level 127.00 dBµV Att 20 dB	Offset 16.70 dB s SWT 18.9 µs s	RBW 1 MHz VBW 1 MHz Mod	le Auto FFT	117 92 dBuild	
Att 20 dB 120 dB 20 dB 120 dB 117,820	Offset 16.70 dB SWT 18.9 µs	RBW 1 MHz VBW 1 MHz Moc	le Auto FFT M1[1]	117.82 dBµV _2.470840 GHz	
ate: 10.JAN.2013 10: OW Channel Spectrum Ref Level 127.00 dBµV Att 20 dB 1Pk View 120 dBµ1 10 dBµV	Offset 16.70 dB SWT 18.9 µs	RBW 1 MHz VBW 1 MHz Moc	Id Auto FFT M1[1] _02[1]	117.82 dBµ¥ 2.470840 GHz 21.12 dB 13.170 MHz	
ate: 10.JAN.2013 10: OW Channel Spectrum Ref Level 127.00 dBµV Att 20 dB 1Pk View 120 dBµV 10 dBµV 10 dBµV 0 dBµV 0 dBµV 0 dBµV 0 dBµV	Offset 16.70 dB sWT 18.9 ps s	RBW 1 MHz VBW 1 MHz Mod	Ile Auto FFT	117.82 dBµV -2.470840 GHz -21.12 dB 13.170 MHz	
Att 20 dB	Offset 16.70 dB s SWT 18.9 µs s 18µv	RBW 1 MHz VBW 1 MHz Mod	le Auto FFT	117.82 dBµV -2.470840 GHz -21.12 dB 13.170 MHz	
Att 20 dByV 10 dByV 90 dByV 80 dByV	Offset 16.70 dB s SWT 18.9 µs s	RBW 1 MHz VBW 1 MHz Moc	Ie Auto FFT	117.82 dByV -2.470840 GHz -21.12 dB 13.170 MHz	
ate: 10.JAN.2013 10: OW Channel Spectrum Ref Level 127.00 dBµV Att 20 dB 1Pk View 120 dBµV 100 dBµV 00 dBµV 20 dBµV 20 dBµV 20 dBµV 20 dBµV 20 dBµV 20 dBµV	Offset 16.70 dB SWT 18.9 µs ( Bµv 20 dBµv	RBW 1 MHz VBW 1 MHz Mod	Ile Auto FFT	117.82 dBµV _2.470840 GHz -21.12 dB 13.170 MHz	
Att 20 dB V 02 2 3 7 4 5 7 4 5 7 6 5 7 6 5 7 6 5 7 6 5 7 6 5 7 6 7 7 6 7 7 6 7 7 7 6 7 7 7 7	Offset 16.70 dB s SWT 18.9 µs s 16:28	RBW 1 MHz VBW 1 MHz Mod	le Auto FFT	117.82 dBµV -2.470840 GHz -21.12 dB 13.170 MHz	
ate:         10.JAN.2013         10:           ow Channel         Spectrum         Ref Level 127.00 dBµV           Att         20 dB           1Pk Viaw         120 dBµV         01.117 820 d           100 dBµV         02 37 7           90 dBµV         02 37 7           90 dBµV         02 37 7           60 dBµV         50 dBµV	Offset 16.70 dB s SWT 18.9 µs s 18µv	RBW 1 MHz VBW 1 MHz Moo	le Auto FFT	117.82 dBµV -2.470840 GHz -21.12 dB 18.170 MHz	
ate:         10.JAN.2013         10:           ow Channel         Spectrum         Ref Level 127.00 dBµV           Att         20 dB           JPk Visw         20 dB           120 dBµV         01.117.820 dBµV           100 dBµV         02.37 @           90 dBµV         02.37 @           70 dBµV         02.37 @           70 dBµV         04.00 @           50 dBµV         50 dBµV	0ffset 16.70 dB SWT 18.9 μs Buy Codeμy F2	RBW 1 MHz VBW 1 MHz Moc	Ie Auto FFT         Image: Contract of the second seco	117.82 dByV -2.470840 GHz -21.12 dB 13.170 MHz	
ate:         10.JAN.2013         10:           ow Channel         Spectrum         Ref Level 127.00 dBµV           ate:         10.JAN.2013         10:           Ref Level 127.00 dBµV         20 dB         110 dBµV           JPk View         120 dBµV         00 dBµV           100 dBµV         00 dBµV         00 dBµV           90 dBµV         00 dBµV         00 dBµV           90 dBµV         00 dBµV         00 dBµV           90 dBµV         00 dBµV         117.820 dBµV           90 dBµV         00 dBµV         100 dBµV           90 dBµV         10 dBµV         100 dBµV           90 dBµV         10 dBµV         10 dBµV	ОН SMT 16.70 dB SWT 18.9 µs (16.20)	RBW 1 MHz VBW 1 MHz Mod	Ie Auto FFT       M1[1]       D2[1]       Image: State of the sta	117.82 dBµV -2.470840 GHz -21.12 dB 13.170 MHz 	
abe:         10.JAN.2013         10:           abe:         10.JAN.2013         10:           OW Channel         Spectrum         Ref Level 127.00 dBµV           Att         20 dB         10:           JPk View         20 dB         11:           100 dBµV         01.117.820 d         10:           100 dBµV         02.97 de         90 dBµV           90 dBµV         04.97 de         90 dBµV           90 dBµV         10.97 de         10.97 de           90 dBµV         10.97 de         10.97 de           90 dBµV         10.97 d	Offset 16.70 dB     SWT 18.9 µs	RBW 1 MHz VBW 1 MHz Mod	le Auto FFT	117.82 dBµV _2.470840 GHz -21.12 dB 13.170 MHz 	
ate:         10.JAN.2013         10:           ate:         10.JAN.2013         10:           OW Channel         Spectrum         Ref Level 127.00 dBµV           Att         20 dB         10:           1Pk Visw         120 dBµV         01.117 820 d           100 dBµV         02.37 m         02.37 m           90 dBµV         1         1         1	Offset 16.70 dB           SWT         18.9 μs           I8μν         18.9 μs           I8μν         18.9 μs           I8μν         19.9 μs           I8μν         10.70 dB           I8μν         10.70 dB </td <td>RBW 1 MHz         Mod           VBW 1 MHz         Mod           0        </td> <td>le Auto FFT</td> <td>117.82 dBµV -2.470840 GHz -21.12 dB 18.170 MHz </td> <td></td>	RBW 1 MHz         Mod           VBW 1 MHz         Mod           0	le Auto FFT	117.82 dBµV -2.470840 GHz -21.12 dB 18.170 MHz 	
ate:         10.JAN.2013         10:           ate:         10.JAN.2013         10:           OW Channel         Spectrum         20 dB           IPk View         20 dB         117.820 d           IPk View         100 dBµV         01.117.820 d           IOO dBµV         01.117.820 d         100 dBµV           90 dBµV         02.37.60         90.70           90 dBµV         10.70         10.70           90 dBµV         10.70         10.70           90 dBµV         10.70         10.70           90 dBµV         10.70         10.70	оня set 16.70 dB SWT 18.9 µs SWT 18.9 µs Bµv Codeµv F2 F2 Stimulus 2.47084 GHz 13.17 MHz 18.23 MHz	RBW 1 MHz         Mod           VBW 1 MHz         Mod           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0	Is Auto FFT         Is Auto FFT           M1[1]	117.82 dBµV -2.470840 GHz -21.12 dB 13.170 MHz 	
ate:         10.JAN.2013         10:           ate:         10.JAN.2013         10:           OW Channel         Spectrum         Ref Level 127.00 dBµV           Att         20 dB         110:           JPk View         120 dBµV         01 117.820 dBµV           100 dBµV         01 117.820 dBµV         100 dBµV           90 dBµV         00 dBµV         00 37.69           90 dBµV         00 dBµV         00 37.69           90 dBµV         00 dBµV         100 40.00           90 dBµV         00 40.00         97.69           90 dBµV         100         100           90 dBµV         100         100           90 dBµV         11         11           90 dBµV         11         11           90 dBµV         11         11           90 dBµV         11         11	Comparison of the set of the	RBW 1 MHz         Moc           VBW 1 MHz         Moc           691 pts         Fu           691 pts         Fu           -22.26 dB         -41.18 dB           -42.66 dB         -42.66 dB	Ie Auto FFT         Image: Contract of the second seco	117.82 dByV -2.470840 GHz -21.12 dB 13.170 MHz -21.12 dB 14.171 dB	
ate:         10.JAN.2013         10:           ate:         10.JAN.2013         10:           OW Channel         Spectrum         Ref Level 127.00 dBµV           Att         20 dBµ1         117.820 dBµV           JPk View         120 dBµV         01.117.820 dBµV           J00 dBµV         01.97.97.97.97.97.97.97.97.97.97.97.97.97.		RBW 1 MHz         Mod           VBW 1 MHz         Mod           0         0           691 pts         691 pts           691 pts         Fu           117.82 dBµV         -21.12 dB           -41.18 dB         -42.66 dB           -52.26 dB         -52.26 dB	le Auto FFT	117.82 dBµV -2.470840 GHz -21.12 dB 13.170 MHz 	
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ate:         10.JAN.2013         10:           ate:         10.JAN.2013         10:           OW Channel         Spectrum         20 dBµV           PIPK Visw         20 dBµV         20 dBµV           10 dBµV         01 117.820 d1         117.820 d1           10 dBµV         01 27.60 d8µV         20 d8µV           90 dBµV         02 37.60 d8µV         90 d8µV           90 dBµV         02 37.60 d8µV         90 d8µV           90 dBµV         02 37.60 d8µV         90 d8µV           90 dBµV         02 47.60 d8µV         91 40 48µV           50 dBµV         92 47.60 d8µV         91 40 48µV           50 dBµV         91 11 11         92 41 11           92 M1 1         1         92 M1 11           93 M1 1         1         95 M1 11           95 M1 1         1         1	Оffset 16.70 dB      SWT 18.9 μs     SWT 18.9 μs     SWT 18.9 μs     SWT 18.9 μs     SUT	RBW 1 MHz         Moc           VBW 1 MHz         Moc           691 pts         1000           691 pts         Fu           117.82 dBµV         -21.12 dB           -22.26 dB         -42.66 dB           -42.66 dB         -52.26 dB	Ale Auto FFT  M1[1]  D2[1]  Inction  Function  Function  M1[1]  M	117.82 dBy 2.470840 GHz -21.12 dB 13.170 MHz 13.170 MHz 5top 2.6 GHz	



)peration mo	ode: HT4-20 N	MHz, Antenr	na 2		_	
Spectrum	Buy Offset 16 70 40	8 👄 RBW/ 1 MH+				
Att 20	) dB <b>9WT</b> 13.2 µ	s S VBW 1 MHz	Mode Auto FF	т		
			M1[1]	1	118.09 dBpV	
110 dBuV	.90 98hA		02[1]	1	-30.02 da	
					-25.900 MHz	
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80 dBµV			DE 04 03	2		
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GF 2.372 GHz Marker		691 pts			6pan 100.0 MHz	
Type Ref Trc	Stimulus	Response	Function	Functi	on Result	
1017 1	2.41342 GHE					
02 M1 1	-25.9 MHZ	-30.02 48				
02 M1 1 03 M1 1 04 M1 1	-25.9 MHz -31.84 MHz -34.73 MHz	-38.72 dB -41.07 dB			<u></u>	
D2         M1         1           D3         M1         1           D4         M1         1           D5         M1         1           D6         M1         1	-31.84 MHz -31.84 MHz -34.73 MHz -38.49 MHz -57.6 MHz	-38.32 dB -38.72 dB -41.07 dB -43.34 dB -50.92 dB				
D2 M1 1 D3 M1 1 D4 M1 1 D5 M1 1 D5 M1 1 06 M1 1 ( ate: 10.JAN.2013 ow Channel	-25.9 MHZ -31.84 MHz -34.73 MHz -38.49 MHz -57.6 MHz 10:12:19	-30.72 dB -41.07 dB -43.34 dB -50.92 dB	The state for	(10000))	Processory of	
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02         M1         1           03         M1         1           04         M1         1           05         M1         1           06         M1         1	-25.9 MHZ -31.84 MHz -34.73 MHZ -38.49 MHz -57.6 MHz 10:12:19 10:12:19	-30.72 dB -41.07 dB -43.34 dB -50.92 dB	) Mode Auto FF	(iiiiiiii)) (		
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D2         M1         1           D3         M1         1           D4         M1         1           D5         M1         1           D6         M1         1           D6         M1         1           ate:         10.JAN.2013           .ow         Channel           Spectrum         2           IPk Visw         M1           M1         1	-25.9 MHZ -31.84 MHZ -34.73 MHZ -38.49 MHZ -57.6 MHZ 10:12:19 BµV Offset 16.70 d 0 dB SWT 18.9 µ	-30.72 dB -41.07 dB -43.34 dB -50.92 dB	) Mode Auto FF 	<b>(</b> ADDEANA <b>)</b> (	119-23 dBµ∀ -2.464560 GHz -21.95 dB	
D2         M1         1           D3         M1         1           D4         M1         1           D5         M1         1           D6         M1         1           D6         M1         1           J06         M1         1           J06         M1         1           J07         M1         1           J08         M1         1           J09         M1         1           J00         BpV         J1           J10         BpV         J1	-25.9 MHZ -31.84 MHz -34.73 MHz -38.49 MHz -57.6 MHz 10:12:19 10:12:19 BµY <b>Offset</b> 16.70 d 0 dB <b>SWT</b> 18.9 µ	-30.72 dB -41.07 dB -43.34 dB -50.92 dB	Mode Auto FF M1[1] 02[1]	(())))))))))))))))))))))))))))))))))))	119.23 dBµV 2.464550 GHz -21.95 dB 19.450 MHz	
D2         M1         1           D3         M1         1           D4         M1         1           D5         M1         1           D6         M1         1           D7         M1         1           D8         M1         1           D8         M1         1           D8         M1         1           M1         1         2           M1         1         2           M1         1         1           12         GBuV         1           100         dBuV         02           100         dBuV         02	-25.9 MHZ -31.84 MHZ -34.73 MHZ -38.49 MHz -57.6 MHZ 10:12:19 BµV Offset 16.70 d 0 dB SWT 18.9 µ 230 dBµV	-30.72 dB -41.07 dB -43.34 dB -50.92 dB	) Mode Auto FF M1[1] D2[1]	• (incomo ) • (	119.23 dBµ∀ -2.464560 GHz -21.95 dB 19.450 MHz	
02         M1         1           03         M1         1           04         M1         1           05         M1         1           05         M1         1           06         M1         1           07         M1         1           08         M1         1           09         M1         1           00         M1         1	-25.9 MHZ -31.84 MHZ -34.73 MHZ -38.49 MHZ -38.49 MHZ -57.6 MHZ 10:12:19 10:12:19 10:12:19	-30.72 dB -38.72 dB -41.07 dB -43.34 dB -50.92	) Mode Auto FF M1[1] 02[1]	• понина) • •	119.23 dBµV 2.464550 GHz -21.95 dB 19.450 MHz	
02         M1         1           03         M1         1           04         M1         1           05         M1         1           05         M1         1           06         M1         1           07         M1         1           06         M1         1           06         M1         1           10         M1         1           11         06         M1           11         0         M1           110         M1         119           100         M1         119           100         M1         100	-25.9 Mil2 -31.84 Mil2 -34.73 Mil2 -38.49 Mil2 -57.6 Mil2 10:12:19 BµV Offset 16.70 d 0 dB 9WT 18.9 µ 30 dBµV	-30.72 dB -31.72 dB -41.07 dB -43.34 dB -50.92 dB	Mode Auto FF		119.23 dBµV 2.464560 GHz -21.95 dB 19.450 MHz	
02         M1         1           03         M1         1           04         M1         1           05         M1         1           05         M1         1           06         M1         1           07         M1         1           08         M1         1           09         M1         1           00         M1         1	-25.9 Mil2 -31.84 Mil2 -34.73 Mil2 -38.49 Mil2 -57.6 Mil2 10:12:19 10:12:19 10:12:19 10:12:19	-30.72 dB -41.07 dB -43.34 dB -43.34 dB -50.92 dB	Mode Auto FF M1[1] 02[1]	TT	119.23 dBµV 2.464560 GHz -21.95 dB 19.450 MHz -3.450 MHz -3.450 MHz	
D2         M1         1           D3         M1         1           D4         M1         1           D5         M1         1           D6         M1         1           D6         M1         1           ate:         10.JAN.2013           OW Channel           Spectrum           Att         2           1Pk Visw           M1           100 dBµV         020           90 dBµV         020           90 dBµV         020           60 dBµV         020           60 dBµV         020	-25.9 MHZ -31.84 MHZ -34.73 MHZ -38.49 MHz -38.49 MHz -57.6 MHz 10:12:19 ВµV Offset 16.70 d 0 dB SWT 18.9 µ 230 dBµv	-30.72 dB -41.07 dB -43.34 dB -50.92 dB -50.92 dB	Mode Auto FF	TT	119.23 dBµV -2.464560 GHz -21.95 dB 19.450 MHz -3.450 MHz	
02         M1         1           03         M1         1           04         M1         1           05         M1         1           05         M1         1           06         M1         1           ate:         10.JAN.2013           .ow Channel           Spectrum           Ref Level         127.00 c           Att         2           1Pk Visw           M1         1           100 dBµV         020           90 dBµV         020	-25.9 MHZ -31.84 MHZ -34.73 MHZ -38.49 MHZ -37.6 MHZ 10:12:19 BµV Offset 16.70 d 0 dB SWT 18.9 µ 30 dBµV -57.6 MHZ -57.6 MHZ	-30.72 dB -38.72 dB -41.07 dB -43.34 dB -50.92 dB s <b>RBW</b> 1 MHz s <b>VBW</b> 1 MHz	Mode Auto FF	TT	119.23 dBµV 2.464560 GHz -21.95 dB 19.450 MHz	
02         M1         1           03         M1         1           04         M1         1           05         M1         1           05         M1         1           06         M1         1           07         M1         1           08         M1         1           09         M1         1           10         M1         1           10         M1         1           11         06         M1         1           11         0         M1         1           12         Hevel         127.00 c           110         Hevel         110.11           12         Hevel         110.21           100         Hevel         02           90         Hevel         02           90         Hevel         02           90         Hevel         02	-25.9 Mil2 -31.84 Mil2 -34.73 Mil2 -38.49 Mil2 -57.6 Mil2 10:12:19 BµV Offset 16.70 d 0 dB 9WT 18.9 µ 30 dBµV -57.6 Mil2 -57.6 M	-38.72 dB -38.72 dB -41.07 dB -43.34 dB -50.92 dB -50.92 dB	Mode Auto FF	TT	119.23 dBµV 2.464560 GHz -21.95 dB 19.450 MHz	
02         M1         1           03         M1         1           04         M1         1           05         M1         1           06         M1         1           07         M1         1           08         M1         1           09         M1         1           100         M1         1           11         06         M1         1           11         06         M1         1           11         06         M1         1           11         0         M1         <	-25.9 MHZ -31.84 MHZ -34.73 MHZ -38.49 MHZ -57.6 MHZ 10:12:19 BUV OFFset 16.70 d 0 dB SWT 18.9 µ COMPOSED 18.9	-38.72 dB -41.07 dB -43.34 dB -43.34 dB -50.92 dB	) Mode Auto FF M1[1]02[1]	T	119.23 dBµV −2.464560 GHz −21.95 dB 19.450 MHz −3.450 MHz	
D2         M1         1           D3         M1         1           D4         M1         1           D5         M1         1           D5         M1         1           D6         M1         1           D6         M1         1           D6         M1         1           D6         M1         1           D7         M1         1           D6         M1         1           D7         M1         1           D6         M1         1           D7         M2         D1           D7         M2         D2           90         M2         D2           90         M2         D2	-25.9 MHZ -31.84 MHZ -34.73 MHZ -38.49 MHZ -37.6 MHZ 10:12:19 BµV Offset 16.70 d 0 dB SWT 18.9 µ 30 dBµV 50 dBµV 51 mm 52 mm 52 mm 52 mm 52 mm 52 mm 52 mm 53 mm 53 mm 54 mm 55 mm 55 mm 55 mm 55 mm 55 mm 55 mm 55 mm 55 mm 55 mm 55 mm 55 mm 55 mm 55 mm 55 mm 55 mm 55 mm 55 mm 55 mm	-30.72 dB -41.07 dB -43.34 dB -50.92 dB	Mode Auto FF		119.23 dBµV -2.464560 GHz -21.95 dB 19.450 MHz -3.450 M	
02         M1         1           03         M1         1           04         M1         1           05         M1         1           06         M1         1           06         M1         1           07         M1         1           06         M1         1           07         M1         1           08         M1         1           08         M1         1           10         M1         1           10         M1         1           110         M1         1           12         Hevel         127.00 c           Att         22         190 c           110 dBµV         01         119.1           100 dBµV         02%           90 dBµV         00 dBµV         02%           90 dBµV         00 dBµV         00           10 dBµV         10         10           10 dBµ	-25.9 MHZ -31.84 MHZ -34.73 MHZ -38.49 MHZ -37.6 MHZ 10:12:19 BµV Offset 16.70 d 0 dB SWT 18.9 µ 30 dBµV -57.6 MHZ -57.6 M	-38.72 dB -38.72 dB -41.07 dB -43.34 dB -50.92 dB	Mode Auto FF		119.23 dBµV     2.464500 GHz     -21.95 dB     19.450 MHz     -31.95 MHz	
02         M1         1           03         M1         1           04         M1         1           05         M1         1           06         M1         1           06         M1         1           07         M1         1           08         M1         1           09         M1         1           100         M1         1           00         Channel           Spectrum         2           100         Att           21         Hevel         127.00 c           Att         2           110         Hevel           121         Hevel           120         Hevel           130         Hevel           140         Hevel           150         Hevel           160         Hevel           17         Heve	-25.9 MHZ -31.84 MHZ -34.73 MHZ -38.49 MHZ -57.6 MHZ 10:12:19 ByV Offset 16.70 d 0 dB SWT 18.9 µ 30 dByV -57.6 MHZ -57.6 M	-30.72 dB -38.72 dB -41.07 dB -43.34 dB -50.92 dB	Mode Auto FF	T T Fund	119.23 dBµV 2.464560 GHz -21.95 dB 19.450 MHz 	
02         M1         1           03         M1         1           04         M1         1           05         M1         1           06         M1         1           07         M1         1           08         M1         1           09         M1         1           10         M1         1           10         M1         1           11         06         M1         1           11         07         M1         1	-25.9 MHZ -31.84 MHZ -34.73 MHZ -38.49 MHZ -57.6 MHZ 10:12:19 BUV OFFset 16.70 d 0 dB SWT 18.9 µ 30 dBµV 52 230 dBµV 530 dBµV	-30.72 dB -38.72 dB -41.07 dB -43.34 dB -50.92 dB	Mode Auto FF M1[1] 02[1] 02[1] 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Fund	119.23 dBµV     2.464550 GHz     -21.95 dB     19.450 MHz     -35 dB     -35 dB     -35 dB	



spectrum									
Ref Level 1 Att	.27.00 dBj 20	JY Offset dB SWT	16.70 dB 13.2 μs	RBW 1 MHz VBW 1 MHz	Mode Au	to FFT			
●1Pk View	יזפרו ו		-		05[1			- <b>#</b> 3, <u>0</u> 4 dB	
120 dBµV	1 122.31				M1[1	u l	~~~~	-47.610-MHz 122.51 dBpV	
100 dBuV	-D2 10	 12.510 dBµ/v∽					<u> </u>	2.414260 GHz	
					D	03.02	g band		
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50 dBµV									
40 dBµV		-	3		1	F2 5			
30 dBµV	Iz	1		691 nts	5			in 100.0 MHz	
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M1	1	6timulu 2.414	IS IZ6 GHZ	кө <b>зропзе</b> 122.51 dBµY	Functio	n	Function Res		
				_70 CO HQ				2	
02 M1 03 M1	1	-25.	64 MHz	-30.41 dB					
02 M1 03 M1 04 M1 05 M1	1 1 1 1	-25. -27. -30. -47.	04 MHZ 64 MHZ 68 MHZ 61 MHZ	-30.41 dB -34.58 dB -43.04 dB					
02 M1 03 M1 04 M1 05 M1 Date: 10.JAN Low Cha	1 1 1 1.2013 1 	-25. -27. -30. -47.	04 MHZ 64 MHZ 68 MHZ 61 MHZ	-29.36 uB -30.41 dB -34.58 dB -43.04 dB	)		1	HATTER YES	
D2 M1 D3 M1 D4 M1 D5 M1 Date: 10.JAN LOW Cha	1 1 1 1.2013 1 nnel 27.00 dB	-25, -27, -30, -47, 1:21:44	04 MHz 64 MHz 68 MHz 61 MHz 16.70 dB	-29.36 uB -30.41 dB -34.58 dB -43.04 dB	]		1		
D2 M1 D3 M1 D4 M1 D5 M1 D5 M1 Date: 10.JAN Date: 10.JAN Cow Cha Spectrum Ref Level 1 Att 1Pk Visw	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-25, -27, -30, -47, 1:21:44 1:21:44	04 МН2 68 МН2 68 МН2 61 МН2 61 МН2 16.70 dB 18.9 μс с	-29.36 uB -30.41 dB -34.58 dB -43.04 dB -43.04 dB	) mode Aut	0 FFT	1	160120192	
D2 M1 D3 M1 D4 M1 D5 M1 D5 M1 Date: 10.JAM Date: 10.JAM Control 1 Att 120 UB/00 P	1 1 1 1.2013 1 2013 1 	-25. -27. -30. -47. 11:21:44	04 MHz 68 MHz 61 MHz 61 MHz 61 MHz 16.70 dB 18.9 µs	-29.36 41 dB -30.41 dB -34.58 dB -43.04 dB -43.04 dB	) Mode Aut	0 FFT		₩.122.44 dBµV 476710 GHz	
D2 M1 D3 M1 D4 M1 D5 M1 D5 M1 Date: 10.JAM Date: 10.JAM Content 10.JAM Content 10.JAM Spectrum Ref Level 1 Att 120 dBpv 2 110 dBpv 2	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-25, -27, -30, -47, 11:21:44	04 MHz 64 MHz 61 MHz 61 MHz 61 MHz 16.70 dB 18.9 µs	-25.36 LB -30.41 LB -34.58 dB -43.04 dB -43.04 dB	) Present Mode Aut 	0 FFT	1	122.44 dBµV ,47671D GHz -21.92 dB	
D2 M1 D3 M1 D4 M1 D5 M1 D5 M1 Date: 10.JAM _OW Cha Spectrum Ref Level 1 Att 120 JBpv 1 100 dBpv 100 dBpv	1 1 1 1 1 27.00 dB <sub>1</sub> 20 1 g22.44	-25, -27, -30, -47, .1:21:44 .1:21:44 JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE JUNUTE	04 MHz 68 MHz 68 MHz 61 MHz 61 MHz 16.70 dB 18.9 μs	-29.36 uB -30.41 dB -34.58 dB -43.04 dB -43.04 dB	) Present Mode Aut 	0 FFT	2 2	122.44 dBµV ,476710 GHz -21.82 dB 7.290 MHz	
02         M1           03         M1           04         M1           05         M1           0ate:         10.JAN	1 1 1 1 1 27.00 dBp 20 27.00 dBp 20 20 20 20 20 20 20 20 20 20 20 20 20	-25, -27, -30, -47, 11:21:44	16.70 dB 116.70 dB	-29.36 uB -30.41 dB -34.58 dB -43.04 dB -43.04 dB	Mode Aut	0 FFT	2	122.44 dBµV ,476710 GHz -21.82 dB 7.290 MHz	
D2 M1 D3 M1 D5 M1 D5 M1 D5 M1 Date: 10.JAM Date: 10.JAM Content 10.JAM Date: 10.JAM	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-25, -27, -30, -47, 11:21:44	04 MHz 68 MHz 61 MHz 61 MHz 61 MHz 16.70 dB 18.9 µs 18.9 µs	-29.36 41 dB -30.41 dB -34.58 dB -43.04 dB -43.04 dB	) Mode Aut M1[1 02[1]	0 FFT	2	122.44 dBµV, .476710 GHz -21.82 dB 7.290 MHz	
D2 M1 D3 M1 D4 M1 D5 M1 D5 M1 Date: 10.JAM Date: 10.JAM Cow Cha Spectrum Ref Level 1 Att 100 dBµV 100 dBµV 90 dBµV 90 dBµV 70 dBµV	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-25. -27. -30. -47. 11:21:44	16.70 dB 16.70 dB 18.9 µs 16.70 dB 18.9 µs 18.9 µs 18.9 µs 18.9 µs 18.9 µs 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5	-29.36 LB     -30.41 LB     -34.58 LB     -43.04 LB     -43.04 LB     VBW 1 MHz     VBW 1 MHz	Mode Aut M1[1 M2[1]	0 FFT	2 Ub	122,44 dBµV ,476710 GHz -21.82 dB 7.290 MHz	
D2 M1     D3 M1     D4 M1     D5 M1     D5 M1     D5 M1     D5 M1     D4te: 10.JAb     OW Cha     Spectrum     Ref Level 1     Att     ●1Pk Visw     120 dBpv     f10 dBpv     90 dBpv     90 dBpv     0 dBpv     0 dBpv     0 dBpv     0 dBpv	1 1 1 1 1 27.00 dB <sub>4</sub> 20 dB <sub>4</sub>	-25, -27, -30, -47, 11:21:44	16.70 dB (1.9 m)	-29.36 uB -30.41 dB -34.58 dB -43.04 dB -43.04 dB	Mode Aut M1[1 02[1]	0 FFT	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	122.44 dBµV .476710 GHz -21.82 dB 7.290 MHz	
D2 M1 D3 M1 D3 M1 D5 M1 Date: 10.JAM Date: 10.JAM Conte: 10.JAM Date:	1 1 1 1 1 27.00 dBp 20 27.00 dBp 20 20 20 20 20 20 20 20 20 20 20 20 20	-25, -27, -30, -47, .1:21:44	16.70 dB 68 MHz 68 MHz 61 MHz 61 MHz 18.9 µs 18.9 µs	-29.36 LB -30.41 LB -34.58 LB -43.04 LB -43.04 LB VBW 1 MHz VBW 1 MHz	Mode Aut M1[102[1]	0 FFT	2 2 111111 2 111111 11111 11111 11111 11111 11111 1111	E Contraction (122,44 dBµV) (476710 GHz -21.82 dB 7.290 MHz	
D2 M1 D3 M1 D3 M1 D5 M1 D5 M1 Date: 10.JAM Date: 10.JAM Control JAM Date: 10.JAM Date: 10.JAM Da	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-25. -27. -30. -47. 11:21:44	16.70 dB 16.70 dB 18.9 µs 18.9 µs	-29.36 uB -30.41 dB -34.58 dB -43.04 dB -43.04 dB	) Mode Aut M1[1 	0 FFT	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	E 21.92 (B 7.290 MHz 7.290 MHz	
D2 M1 D3 M1 D4 M1 D5 M1 D5 M1 Date: 10.JAM Date: 10.JAM Control 10 Spectrum Ref Level 1 Att 100 dBµV 100 dBµV 90 dBµV	1 1 1 1 1 27.00 dB <sub>1</sub> 20 1 g22.44 1 g22.44	-25, -27, -30, -47, 11:21:44	04 MHz 68 MHz 61 MHz 61 MHz 61 MHz 18.9 µs 18.9 µs 18.9 µs	-29.36 LB -30.41 LB -34.58 dB -43.04 dB -43.04 dB VB₩ 1 MHz	Mode Aut 	0 FFT	2 2 1000 005 1000 005	122,44 dBµV .476710 GHz -21.82 dB 7.290 MHz	
D2 M1     D3 M1     D4 M1     D5 M1     D5 M1     D5 M1     D5 M1     D5 M1     D5 M1     D6 M2     D6 M2     D7 M2	1 1 1 1 1 27.00 dB <sub>1</sub> 20 1 27.00 dB <sub>1</sub> 20 1 27.00 dB <sub>1</sub> 20 1 922.441	-25, -27, -30, -47, 11:21:44	16.70 dB (1.0 m)	-27.36 uB -30.41 dB -34.58 dB -43.04 dB -43.04 dB • VB₩ 1 MHz • VB₩ 1 MHz	Mode Aut M1[1 02[1]	0 FFT	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	122.44 dBµV .476710 GHz -21.82 dB 7.290 MHz	
D2         M1           D3         M1           D4         M1           D5         M1           D5         M1           Date:         10.JAM           OW Cha         Spectrum           Ref Level 1         Att           120 dBpv         120 dBpv           110 dBpv         90 dBpv           90 dBpv         60 dBpv           50 dBpv         50 dBpv	1 1 1 1 1 27.00 dBp 20 27.00 dBp 20 0 27.00 dBp 20 0 2 1 822.44 0 2 0 2 0 2 0 1 1 1 1 1 1 1 1 1 1 1 1 1	-25, -27, -30, -47, .1:21:44	16.70 dB 68 MHz 68 MHz 61 MHz 61 MHz 18.9 µs 18.9 µs 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5	-29.36 uB -30.41 dB -34.58 dB -43.04 dB •VBW 1 MHz •VBW 1 MHz •VBW 1 MHz •G91 pts Response	Mode Aut M1[1 02[1]	0 FFT	2 2 	122.44 dBµV .476710 GHz -21.82 dB 7.290 MHz -21.82 dB 7.290 MHz 	
D2         M1           D3         M1           D4         M1           D5         M1           D5         M1           D5         M1           D5         M1           D5         M1           D6         M1           D5         M1           D6         M1           D6         M1           D6         M1           D6         M2           100         M2           90	1 1 1 1 1 1 1 1 1 1 1 27.00 dB <sub>1</sub> 20 0 20 1 1 22.44 1 1 1 1	-25, -27, -30, -47, .1:21:44	16.70 dB 68 MHz 68 MHz 61 MHz 61 MHz 18.9 µs 18.9 µs 1		Mode Aut M1[102[1]		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	T22.44 dBµV,	
D2 M1 D3 M1 D4 M1 D5 M1 D5 M1 D5 M1 D5 M1 Date: 10.JAM Control Control	1 1 1 1 1 1 27.00 dB <sub>4</sub> 20 27.00 dB <sub>4</sub> 20 1 27.00 dB <sub>4</sub> 20 1 27.00 dB <sub>4</sub> 20 0 2 3 0 2 4 0 2 3 0 1 1 27.00 dB <sub>4</sub> 20 0 2 4 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-25. -27. -30. -47. 11:21:44	16.70 dB 61 MHz 61 MHz 61 MHz 61 MHz 18.9 µs 18.9 µs 19.0 µs	RBW 1 MHz     ··34.58 dB     ··43.04 dB     ··	) Mode Aut M1[1     Function		22	T22.44 dBµV	
D2         M1           D3         M1           D4         M1           D5         M1           D5         M1           D6         M2           COW Cha         Spectrum           Ref Level 1         Att           P1Pk Visw         120 dBpV           100 dBpV         90 dBpV           90 dBpV         90 dBpV           90 dBpV         50 dBpV           50 dBpV         50 dBpV           50 dBpV         S0 dBpV           30 dBpV         S0 dBpV           30 dBpV         30 dBpV           90 dBpV         100 dBpV           90 dBpV         90 dBpV	1 1 1 1 1 1 27.00 dB <sub>1</sub> 20 27.00 dB <sub>1</sub> 20 1 27.00 dB <sub>1</sub> 20 1 27.00 dB <sub>1</sub> 20 1 27.00 dB <sub>1</sub> 20 1 27.00 dB <sub>1</sub> 20 1 1 27.00 dB <sub>1</sub> 20 1 27.00 dB <sub>1</sub> 20 1 27.00 dB <sub>1</sub> 20 1 27.00 dB <sub>1</sub> 20 1 27.00 dB <sub>1</sub> 20 1 27.00 dB <sub>1</sub> 20 1 27.00 dB <sub>1</sub> 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20	-25, -27, -30, -47, -47, -11:21:44 	16.70 dB 4 MHz 68 MHz 61 MHz 61 MHz 61 MHz 61 MHz 61 MHz 71 GHz 9 MHz 54 MHz 77 MHz 54 MHz 77 MHz 54 MHz		Mode Aut M1[1 02[1]		2 2 2 Monton Rest	122.44 dBµV     .476710 GHz     .23.82 dB     7.290 MHz     .21.82 dB     7.290 MHz	



			1110.	:		121	2120	1.fc	cc01				Page	121 oi	<sup>7</sup> 263	
Spectrum Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percention Percenti	Opera	ation	ו moo	de: HT4	1-40 N	1Hz wide,	Antenna	a 1								
ext       20 db       30 db       19 dc       30 db       19 dc         90 db       30 db       30 db       19 dc       19 dc       19 dc         90 db       90 db       19 dc       90 db       19 dc       19 dc         10 db       90 db       19 dc       90 db       19 dc       19 dc       19 dc         10 db       90 db       19 dc       90 db       19 dc       19 dc       19 dc       19 dc         10 db       90 db	Spectr	บทา	Ĺ.								₿	7				
Att       20 ab       50 ab       50 ab       12.5 ab       1	Ref Lev	rel 123	7.00 dBp	JY Offset	16.70 dB	🔿 RBW 1 MHz					(-	-				
10 dHV       1148.40 dBV       1148.40 dBV       1148.40 dBV         10 dHV       02 BV       02 BV       02 BV       02 BV         00 dHV       02 BV       02 BV       02 BV       02 BV       02 BV         00 dHV       02 BV       02 BV       02 BV       02 BV       02 BV       02 BV         00 dHV       02 BV	Att 1Pk Vis	w	20 0	dB SWT	13.2 µs	🔿 VBW 1 MHz	Mode Auto	) FFT			4	٦				
200 day       01 314.040 day       02 94 90 day       02 94 90 day       02 94 90 day         00 day       02 94 90 day       02 94 90 day       02 94 90 day       02 94 90 day         00 day       02 94 90 day       02 94 90 day       02 95 90 day       02 95 90 day         00 day       02 95 90 day       02 95 90 day       02 95 90 day       02 95 90 day         00 day       02 95 90 day       02 95 90 day       02 95 90 day       02 95 90 day         10 day       02 95 90 day       02 95 90 day       02 95 90 day       02 95 90 day         10 day       02 95 90 day       02 95 90 day       02 95 90 day       02 95 90 day         10 day       02 95 90 day       02 95 90 day       02 95 90 day       02 95 90 day         10 day       02 95 90 day       03 95 90 day       02 95 90 day       02 95 90 day         10 day       02 95 90 day         10 day       02 95 90 day       03 95 90 day       02 95 90 day       02 95 90 day       02 95 90 day         10 day       02 95 90 day         10 day       02 95 90 day       02 95 90 day       02 95 90 day </td <td>120 dBut</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>M1[1]</td> <td></td> <td></td> <td>1</td> <td>14.84 dBp</td> <td>v</td> <td></td> <td></td> <td></td> <td></td>	120 dBut						M1[1]			1	14.84 dBp	v				
110 day 00 da	110 48.0	D1	114.84	0 d8µV			02[1]			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		¥.				
100 dBµ/       02 B 400 dBµ/       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0	110 Gups	1							I	1 1	28.940 MH	z				
30       dbu/u       db	100 авро	-	-D2 94	1.840 dBµv-			D4	D2	Jan	/						
Box Buy       Image: Comparison of the compa	90 dBµV-						mm	2				1				
You during and the second s	80 dBµV-			US A	1 m	mon				-	_	-				
00 BUV       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0 <td>70 dBµV-</td> <td>~~~</td> <td>~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~</td> <td>par</td> <td>har -</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td>-</td> <td></td> <td></td> <td></td> <td></td>	70 dBµV-	~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	par	har -						-	-				
30 daU       40 dbu/       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1 <t< td=""><td>60 dBuV</td><td>~~</td><td></td><td>-</td><td></td><td>+</td><td></td><td></td><td></td><td></td><td></td><td>4</td><td></td><td></td><td></td><td></td></t<>	60 dBuV	~~		-		+						4				
40.dbu/       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0 </td <td>50 dBµV-</td> <td></td> <td></td> <td></td> <td>-</td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>4</td> <td></td> <td></td> <td></td> <td></td>	50 dBµV-				-	-						4				
State         Span 100.0 MHz           Gr 2. 372 GHz         692 JP3         Span 100.0 MHz           Marker         Type Bedf Trc         Stanubs         Function           Type Bedf Trc         Stanubs         Function         Function Result           DS         M1         3         2-13 MHz         -24.40 dB           DS         M1         1         -25.31 MHz         -24.40 dB           DS         M1         1         -25.01 MHz         -38.60 dB           DS         M1         1         -25.01 MHz         -38.60 dB           DS         M1         1         -25.60 MHz         -26.60 dB           DS         M1         1         -25.60 MHz         -26.00 MHz           DS         M1         20.00 MHZ         -20.30 MHz         -20.31 MHz	40 dBµV-											1				
a) dby/       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i       i </td <td>30 dButt</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Fa</td> <td>Fl</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	30 dButt						Fa	Fl								
Marker         Function         Function Result           Mail         1         2.44974 ofte         114.484 dby/           02         Mail         1         -29.91 Mill         -20.30 db           03         Mail         1         -29.91 Mill         -24.48 db         -00.30 db           04         Mail         1         -39.51 Mill         -24.48 db         -00.50 db           05         Mail         1         -39.50 Mill         -24.48 db         -00.50 db           05         Mail         1         -39.50 Mill         -24.48 db         -00.50 db           06         Mail         1         -39.50 Mill         -39.69 db         -00.50 db           0.00         Channel         Total and the state the	CF 2.37	2 GHz				691 pt	5			Span	100.0 MHz					
Interfer	Marker	nof	Ten	Stimuli	-	Doctopro	- Euroction		Eupr	tion Bocut		7				
09       M1       1       -28.94 MHz       -20.03 0 B         04       M1       1       -35.0 MHz       -24.68 0 B         05       M1       1       -35.0 MHz       -26.08 0 B         0a       M1       -35.0 MHz       -26.08 0 B       000000000000000000000000000000000000	M1	Rei	1	2.416	S 174 GHz	114.84 dBµY	Function		Fullin	alun kesa	<u> </u>	-				
04       M3       1       -35.6 MHz       -24.68 dB         05       M3       1       -68.6 MHz       -38.69 dB         05       M3       1       -68.6 MHz       -38.69 dB         05       Maxex       10.100 Mix       10.100 Mix         05       Maxex       10.100 Mix       10.100 Mix         05       Maxex       20.48 SWT       20.8 ps       9 WW 1 MHz         20.40 SWT       20.8 ps       9 WW 1 MHz       Mode Auto FFT         20.40 SWT       20.8 ps       9 WW 1 MHz       Mode Auto FFT         20.40 SWT       20.8 ps       9 WW 1 MHz       Mode Auto FFT         20.40 SWT       20.8 ps       9 WW 1 MHz       Mode Auto FFT         20.40 SWT       20.8 ps       9 WW 1 MHz       Mode Auto FFT         20.40 SWT       20.8 ps       9 WW 1 MHz       Mode Auto FFT         20.40 Buv       115.520 dBuv       2.40880 OHz       -20.11 GB         10.70 Buv       12.3 State Buv       14.950 MHz       -20.01 GB         10.80 Mu       10.90 Mix       10.90 Mix       14.950 MHz         10.80 Mu       10.90 Mix       10.90 Mix       10.90 Mix         10.80 Mu       10.90 Mix       10.90 Mix       10.90	02	M1 M1	1	-28.	94 MHz 13 MHz	-20.30 dB -24.48 dB						-				
bit mil       avere:       0.000 mil	D4	M1	1	-35	5.6 MHz	-24.68 dB										
hare: 10.738.2012 11:25:92 Exercised 127.00 dBy0 Offset 16.70 dB @ RBW 1 MH2 At 20 dB SWT 20.0 µs ♥ VBW 1 MH2 Mode Auto FFT		1914	and the second se		< h MHz	-38.69 dB						-1				
Ref Level 127.00 dbµV       Offset 16.70 db e RBW 1 MHz       Mode Auto FFT         1Pk Visw       115.52 dbµV         120 dbµV       M1[1]       2.458830 GHz         120 dbµV       01 115.520 dbµV       02[1]       -20.11 db         10 dbµV       02 95.020 dbµV       02       -20.11 db         10 dbµV       02 95.020 dbµV       05       02         90 dbµV       02 95.020 dbµV       05       05         90 dbµV       15.92 dbµV       05       05         90 dbµV       F1       F2       05         90 dbµV       F1       F2       05         90 dbµV       F1       F2       05         91 dbµV       F1       F2       05         92 dbµV       F1	.ow C	JAN .: ;har	2013 1 1nel	1:25:59	s.b MHz	-38.69 dB			(	ilgalli	10811280390					
120 dBµV       115 92 dBµV       115 92 dBµV       2.468830 GHz         100 dBµV       02 95 920 dBµV       02 11       -20.11.68         100 dBµV       02 95 920 dBµV       05       0       0         90 dBµV       02 95 920 dBµV       05       0       0         90 dBµV       02 95 920 dBµV       05       0       0         90 dBµV       02 95 920 dBµV       05       0       0         90 dBµV       02 95 920 dBµV       05       0       0         90 dBµV       02 95 920 dBµV       05       0       0         90 dBµV       02 95 920 dBµV       05       0       0         90 dBµV       02 95 920 dBµV       05       0       0         90 dBµV       02 95 920 dBµV       05       0       0         90 dBµV       04 90       05       05       0         90 dBµV       F1       F2       0       0       0         91 dBµV <td< th=""><th>.ow C</th><th>JAN .: har</th><th>2013 1 1nel</th><th>11:25:59</th><th>s.b MHz  </th><th>-38.69 dB</th><th></th><th>10 13 I</th><th>(</th><th>iljälli</th><th></th><th>7</th><th></th><th></th><th></th><th></th></td<>	.ow C	JAN .: har	2013 1 1nel	11:25:59	s.b MHz	-38.69 dB		10 13 I	(	iljälli		7				
120 dBµV       135 S20 dBµV       0       0213       -20.11 dB         140 dBµV       02 95 920 dBµV       0       0       00 Hz       14,950 MHz         90 dBµV       02 95 920 dBµV       05       0       0       0       0         90 dBµV       02 95 920 dBµV       05       0       0       0       0         90 dBµV       02 95 920 dBµV       05       0       0       0       0         90 dBµV       02 95 920 dBµV       05       0       0       0       0         90 dBµV       04 0       05       0       0       0       0       0         90 dBµV       05       0       0       0       0       0       0       0         90 dBµV       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0 <t< td=""><td>Oate: 10 OW C Spectro Ref Lev Att</td><td>JAN Char Lum Yel 12</td><td>2013 1 1nel</td><td>JY Offset dB SWT</td><td>16.70 dB 20.8 µs</td><td>-38.69 dB ● RBW 1 MHz ● VBW 1 MHz</td><td>  </td><td>) FFT</td><td></td><td>6,469</td><td></td><td>-<u> </u> </td><td></td><td></td><td></td><td></td></t<>	Oate: 10 OW C Spectro Ref Lev Att	JAN Char Lum Yel 12	2013 1 1nel	JY Offset dB SWT	16.70 dB 20.8 µs	-38.69 dB ● RBW 1 MHz ● VBW 1 MHz	  	) FFT		6,469		- <u> </u> 				
1107GBµV       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V<	Oate: 10 OW C Spectro Ref Lev Att 1Pk Via	JAN .: Char um rel 12 <sup>1</sup> w	2013 1 1nel	UV Offset dB SWT	16.70 dB 20.8 µs	-38.69 dB <b>RBW</b> 1 MHz <b>VBW</b> 1 MHz	 Mode Aut	o FFT		1	(Tooleanse)					
JÓD dBµV       D2 95 920 dBµV       D3       D4       D5       D5         90 dBµV       D5       D5       D5       D5       D6         90 dBµV       D6       D5       D5       D6       D7         90 dBµV       D6       D5       D6       D7       D7         90 dBµV       D6       D5       D6       D7       D7         90 dBµV       D6       D6       D7       D7       D7       D7         90 dBµV       D7       D7 <td< td=""><td>Date: 10 -OW C Spectro Ref Lev Att 120 dBpV</td><td>JAN .: JAN .: har um rel 12<sup>-</sup> w Jacobi</td><td></td><td>μΥ Offset dB SWT</td><td>16.70 dB 20.8 μs</td><td>-38.69 dB</td><td></td><td>D FFT</td><td>(</td><td><b>1000</b></td><td>115.92 dBµ 468830 GH -20.11 d</td><td></td><td></td><td></td><td></td><td></td></td<>	Date: 10 -OW C Spectro Ref Lev Att 120 dBpV	JAN .: JAN .: har um rel 12 <sup>-</sup> w Jacobi		μΥ Offset dB SWT	16.70 dB 20.8 μs	-38.69 dB		D FFT	(	<b>1000</b>	115.92 dBµ 468830 GH -20.11 d					
90 dBµV 80 dBµV 70 dBµV 60 dBµV 50 dBµV 40 dBµV 40 dBµV 50	Date: 10 _OW C Spectro Ref Lev Att 120 dBµV 110 dBµV			и 11:25:59 и 4B SWT	16.70 dB 20.8 µs	-38.69 dB RBW 1 MHz VBW 1 MHz	Mode Aut. 	D FFT		10000	115.92 dBy 468830 GH -20.11 d 14.950 MH					
80 dBµV     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0 <t< td=""><td>Spectri Ref Lev Att 120 dBpV 140 dBpV 100 dBpV</td><td></td><td></td><td>U 11:25:59 U U U U U U U U U U U U U</td><td>16.70 dB 20.8 μs</td><td>-38.69 dB</td><td>Mode Aut</td><td>D FFT</td><td></td><td></td><td>(15.92 dBµ 468830 GH -20.11 d 14.950 MH</td><td></td><td></td><td></td><td></td><td></td></t<>	Spectri Ref Lev Att 120 dBpV 140 dBpV 100 dBpV			U 11:25:59 U U U U U U U U U U U U U	16.70 dB 20.8 μs	-38.69 dB	Mode Aut	D FFT			(15.92 dBµ 468830 GH -20.11 d 14.950 MH					
Type     Ref     Trc     Stop 2.6 GHz       Marker     60 dBµV     691 pts     Stop 2.6 GHz       Marker     691 pts     Stop 2.6 GHz       Marker     691 pts     Stop 2.6 GHz       Marker     691 pts     50 dBµV       1     2.46 683 GHz     115.92 dBµV       02     M1     1     2.46 683 GHz       03     M1     1     21.52 MHz       03     M1     1     21.52 MHz       04     M1     1     34.43 MHz       -22.30 dB     0     0       05     M1     1       05     M1     1       05     M1     1       05     M1     1       06     M1     1       07     1     40.659 MHz       08     04     04	Date: 10 _OW C Spectr Ref Lev Att 120 dBµX 100 dBµX 100 dBµX			μγ Offset dB SWT	16.70 dB 20.8 μs	RBW 1 MHz     VBW 1 MHz	Mode Auto M1[1] 02[1]	D FFT		1 2.	115.92 dBµ 468830 GH -20.11 d 14.950 MH					
60 dBµV     60 dBµV     60 dBµV       50 dBµV     60 dBµV       40 dBµV     F1       90 dBµV     F1       691 pts     8top 2.6 GHz       Marker       Type Ref Trc 8timulus Response Function Function Result       M1     1       2.46883 GHz     115.92 dBµV       D2     M1       1     2.46883 GHz       03     M1       2     2.92.66 dB       D3     M1       1     24.6883 GHz       03     M1       1     24.6883 GHz       03     M1       1     24.6883 GHz       04     M1       1     34.43 MHz       -22.9.66 dB       D5     M1       1     56.95 MHz       -44.64 dB	Оассе: 10 _OW C Spectrn Ref Lev Att 120 dBµV 120 dBµV 300 dBµV- 80 dBµV-			0 11:25:59 μΥ Offset dB SWT 0 (BuV ),920 dBμγ	16.70 dB 20.8 µs	-38.69 dB		D FFT			(T 115.92 dBµ 468830 GH -20.11 d 14.950 MH	B7				
S0 dBµV     F1     F2       30 dBµV     F1     F2       30 dBµV     F1     F2       Stor 2.44 GHz     691 pts     Stop 2.6 GHz       Marker     Trc     Stimulus     Response     Function       M1     1     2.46883 GHz     115.92 dBµV     Image: Control of the	Date: 10 Date: 10 Spectri Ref Lev Att 120 dBµV 100 dBµV- 80 dBµV- 70 dBµV-		2013 3 nnel 7.00 dBj 20 0 115.52	μΥ Offset dB SWT	16.70 dB 20.8 µs	-38.69 dB	Mode Auto M1[1] 02[1]	<u>o</u> FFT			(m ( 7 115.92 dBµ 468830 GH -20.11 d 14.950 MH					
40 dBμV     F1     F2       30 dBμV     F1     F2       Start 2.44 GH2     691 pts     Stop 2.6 GH2       Marker     Trc     8timulus     Response     Function       M1     1     2.46883 GH2     115.92 dBμV        M1     1     2.46883 GH2     115.92 dBμV        M1     1     2.46883 GH2     115.92 dBμV        M3     1     1.21.52 MH2     -20.11 dB        D3     M1     1     21.52 MH2     -22.30 dB        D4     M1     1     34.43 MH2     -29.66 dB        D5     M1     1     40.59 MHz     -34.36 dB        D6     M1     1     56.95 MHz     -44.64 dB	Date: 10 Date: 10 Spectri Ref Lev Att 120 dBµV 120 dBµV- 100 dBµV- 80 dBµV- 60 dBµV-	. JAN .: har um rel 12' w v v v v v v	2013 3 nnel 7.00 dBy 20 115.52	U U U U U U U U U U U U U U	16.70 dB 20.8 µs	-38.69 dB	Mode Auto 	0 FFT		1 2.	(E 15.92 dBµ 468830 GH -20.11 d 14.950 MH					
3D dBµV         F1         F2           Start 2.44 GHz         691 pts         Stop 2.6 GHz           Marker         Typs         Ref         Trc         8timulus         Response         Function         Function Result           M1         1         2.46883 GHz         115.92 dBµV         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         - <t< td=""><td>Date: 10 Date: 10 Spectr Ref Lev Att 120 dBµV 120 dBµV- 100 dBµV- 80 dBµV- 50 dBµV- 50 dBµV-</td><td>Jan .: Jan .: Ja</td><td>2013 1 nnel 7.00 dBp 201 115.52</td><td>и 11:25:59 и У Offset dB SWT 0 dBu 3.920 dBu 5.920 dBu</td><td>16.70 dB 20.8 µs</td><td>-38.69 dB</td><td>Mode Auto M1[1] 02[1]</td><td>0 FFT</td><td></td><td>1 2.</td><td>115.92 dBµ 468830 GH -20.11 d 14.950 MH</td><td></td><td></td><td></td><td></td><td></td></t<>	Date: 10 Date: 10 Spectr Ref Lev Att 120 dBµV 120 dBµV- 100 dBµV- 80 dBµV- 50 dBµV- 50 dBµV-	Jan .: Ja	2013 1 nnel 7.00 dBp 201 115.52	и 11:25:59 и У Offset dB SWT 0 dBu 3.920 dBu 5.920 dBu	16.70 dB 20.8 µs	-38.69 dB	Mode Auto M1[1] 02[1]	0 FFT		1 2.	115.92 dBµ 468830 GH -20.11 d 14.950 MH					
Start 2.44 GHz         691 pts         Stop 2.6 GHz           Marker         Type         Ref         Trc         Stimulus         Response         Function         Function Result           M1         1         2.46883 GHz         115.92 dBµV	Date: 10 Date: 10 Spectr Ref Lev Att 120 dBµV 120 dBµV 120 dBµV- 50 dBµV- 50 dBµV- 40 dBµV-	JAN .: JA	2013 3 nnel 7.00 dBp 201 115.72	U dBuv	16.70 dB 20.8 µs	-38.69 dB	Mode Aut	0 FFT		1 2.	115.92 dBµ 468830 GH -20.11 d 14.950 MH					
Marker           Type         Ref         Trc         Stimulus         Response         Function         Function Result           M1         1         2.46683 GHz         115.92 dBµY             D2         M1         1         14.95 MHz         -20.11 dB            D3         M1         1         21.52 MHz         -22.30 dB            D4         M1         1         34.43 MHz         -22.66 dB            D5         M1         1         40.59 MHz         -34.36 dB            D6         M1         1         56.95 MHz         -44.64 dB	Date: 10 Date: 10 Spectro Ref Lev Att 110'766µV 110'766µV 300 dBµV- 50 dBµV- 50 dBµV- 40 dBµV- 30 dBµV-		2013 1 nnel 7.00 dBj 20 115.52	μ <sup>V</sup> Offset dB SWT	16.70 dB 20.8 μs P3 16.70 dF 20.8 μs	-38.69 dB	Mode Aut	0 FFT			115.92 dBµ 468830 GH -20.11 d 14.950 MH					
M1         1         2.46883 GHz         115.92 dBµV           D2         M1         1         14.95 MHz         -20.11 dB           D3         M1         1         21.52 MHz         -22.30 dB           D4         M1         1         34.43 MHz         -29.66 dB           D5         M1         1         40.59 MHz         -34.36 dB           D6         M1         1         56.95 MHz         -44.64 dB	Date: 10 -OW C Spectro Ref Lev Att 110'dBµV 110'dBµV 110'dBµV 110'dBµV 50 dBµV- 50 dBµ		2013 1 nnel 7.00 dB, 20 1 115.52 	0 11:25:59 U U U U U U U U U U U U U	16.70 dB 20.8 μs 	-38.69 dB	Mode Auto M1[1] D5 D6 D6 S	0 FFT		1 2. 	(15.92 dBµ 468830 GH -20.11 d 14.950 MH					
D2       M1       1       11,55 m/z       -22.11 dB         D3       M1       1       21.52 M/z       -22.30 dB         D4       M1       1       34.43 M/z       -29.66 dB         D5       M1       1       40.59 M/z       -34.36 dB         D6       M1       1       56.95 M/z       -44.64 dB	Cover 20 Cover		2013 1 nnel 7.00 dB <sub>1</sub> 20 115.52 0 02 95	μ <sup>γ</sup> Offset dB SWT D dBμγ 5,920 dBμγ 5,920 dBμγ F1	16.70 dB 20.8 μs	-38.69 dB	Mode Auto M1[1] 02[1] 05 05 5 1 Function		Furn	1 2.	(C (115.92 dBµ 468830 GH -20.11 d 14.950 MH					
D4         M1         1         34.43 MHz         -29.66 dB           D5         M1         1         40.59 MHz         -34.36 dB           D6         M1         1         56.95 MHz         -44.64 dB	Date: 10 Date: 10 Spectr Ref Lev Att 120 dBµV 120 dBµV 120 dBµV- 120 dBµV- 80 dBµV- 80 dBµV- 50 dBµV- 50 dBµV- 40 dBµV- 50 dBµV- 10	- Jan .: Char rel 12' w v v d 44 GH Ref	2013 3 nnel 7.00 dBy 20 0 115.52 0 02 95	11:25:59 µУ Offset dB SWT 0 dBµV 5,920 dBµV 5,920 dBµV F1 F1 Btimulu 2.466 2.466	16.70 dB 20.8 µs	-38.69 dB			Fun	1 2. 	(E 15.92 dBp 468830 GH -20.11 d 14.950 MH					
D6         M1         1         56,95         MHz         -44.64         dB         Here         <	Date: 10 Date: 10 Spectr Ref Lev Att 120 dBµV 120 dBµV- 120 dBµV- 80 dBµV- 80 dBµV- 50 dBµV- 50 dBµV- 40 dBµV- 50 dBµV- 50 dBµV- 10			U 11:25:59 U U U U U U U U U U U U U	16.70 dB 20.8 µs 20.8	-38.69 dB	Mode Auta M1[1] M1[1]    5     5  		Fun	1 2. 	(T 15.92 dBµ 468830 GH -20.11 d 14.950 MH 1 14.950 MH					
	Date: 10 Date: 10 Spectr Ref Lev Att 120 dBµV 120 dBµV 120 dBµV- 30 dBµV- 50 dBµV- 50 dBµV- 50 dBµV- 40 dBµV- <u>30 dBµV-</u> <u>30 dBµV-</u> <u>50 dBµV-</u> <u>50 dBµV-</u> <u>10 dBµV- <u>10 dBµV-</u> <u>10 dBµV-</u> <u>10 dBµV-</u> <u>10 dBµV-</u> <u>10 dBµV-</u> <u>10 dBµV-</u> <u>10 dBµV- <u>10 dBµV- <u>10 dBµV-</u> <u>10 dBµV-</u> <u>10 dBµV-</u> <u>10 dBµV- <u>10 dBµV-</u> <u>10 dBµV-</u> <u>10 dBµV- <u>10 dBµV-</u> <u>10 dBµV-</u> <u>10 dBµV- <u>10 dBµV- <u>10 dBµV-</u> <u>10 dBµV- <u>10 dBµV-</u> <u>10 dBµV-</u> <u>10 dBµV- <u>10 dBµV-</u> <u>10 dBµV- <u>10 dBµV-</u> <u>10 dBµV- <u>10 dBµV- <u>10 dBµV-</u> <u>10 dBµV- <u>10 dBµV- <u>10 dBµV- <u>10 dBµV- <u>10 dBµV- <u>10</u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u>		2013 1 nnel 7.00 dep 201 115.52 	U 11:25:59 U U U U U U U U U U U U U	16.70 dB 20.8 µs 20.8 µs 20.8 µs 52 MH2 52 MH2 52 MH2 43 MH2	-38.69 dB	Mode Aut		Furr	1 2. 	(T 15.92 dBµ 468830 dBµ -20.11 d 14.950 MH 					
	Date: 10 Date: 10 Spectr Ref Lev Att 110'766µV 110'766µV 110'766µV 110'766µV 30 dBµV- 50 dBµV- 50 dBµV- 50 dBµV- 50 dBµV- 50 dBµV- 50 dBµV- 50 dBµV- 50 dBµV- 50 dBµV- 10 dBµV- 50 dBµV- 50 dBµV- 10 dBµV- 50 dBµV- 10 dBµV- 50 dBµV- 10 dBµV- 50 dBµV- 10 dBµV- 50 dBµV- 10 dBµV-		2013 3 nnel 7.00 dBp 201 115.72 115.72 12 12 12 11 1 1 1 1 1 1	U 11:25:59 U U U U U U U U U U U U U	s.b MHz   16.70 dB 20.8 μs 20.8 μs	-38.69 dB	Mode Aut		Furr	1 2. 	115.92 dBµ 468830 GH -20.11 d 14.950 MH					



Operation mo	de: HT4-40 N	/IHz wide, Ar	ntenna 2		_	
Spectrum					[₹]	
Ref Level 127.00 d Att 20	ВµV <b>Offset</b> 16.70d IdB <b>9WT</b> 13.2µ	B 🖝 RBW 1 MHz s 🚭 VBW 1 MHz	Mode Auto FFT			
●1Pk Visw		T T	MILTI		116 04 dp.//	
120 dBµV-01 116.0	40 d8µV				2.417736 SHz	
110 dBµV			02[1]		-27.930 MHz	
100 dBµV	15.040 dBitt					
90 dBµV			DI D3 DE	m		
80 dBµV			m			
70 dBµV	1	man				
60 dBµV						
50 dBµV						
40 dBµV						
30 dBµV			F2 F1			
GF 2.372 GHz	12 (s)	691 pts			Span 100.0 MHz	
Marker Type   Ref   Trc	Btimulus	Response	Function	Function	Result	
047 7		and the design	2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -			
02 M1 1	-27.93 MHz	-24.37 dB			5	
02 M1 1 03 M1 1 04 M1 1	-27.93 MHz -27.93 MHz -30.25 MHz -33.57 MHz	-24.37 dB -26.44 dB -28.23 dB				
M1 1 D2 M1 1 D3 M1 1 D4 M1 1 D5 M1 1	2.41773 GH2 -27.93 MH2 -30.25 MH2 -33.57 MH2 -42.84 MHz	-24.37 dB -26.44 dB -28.23 dB -33.37 dB		4 K. 11		
D2 M1 1 D3 M1 1 D4 M1 1 D5 M1 1 D5 M1 1 D5 M1 1 Date: 10.JAN.2013	2.41/73 GH2 -27.93 MH2 -30.25 MH2 -33.57 MH2 -42.84 MH2 11:31:02	115.04 dBJY -24.37 dB -26.44 dB -28.23 dB -33.37 dB	Presellence	() 4,45	10611800192	
D2 M1 1 D3 M1 1 D4 M1 1 D5 M1 1 D5 M1 1 D5 M1 1 Date: 10.JAN.2013 Low Channel	2.41/73 GH2 -27.93 MH2 -30.25 MHz -33.57 MHz -42.84 MHz 11:31:02	115.04 dBJY -24.37 dB -26.44 dB -28.23 dB -33.37 dB	Medan Ho	(norma) 444	Horn 20132	
mi         i           D2         M1         1           D3         M1         1           D4         M1         1           D5         M1         1           D5         M1         1           D5         M1         1           Date:         10.JAN.2013           Ow Channel           Spectrum	2.41/73 GH2 -27.93 MH2 -30.25 MH2 -33.57 MH2 -42.84 MH2 11:31:02	115.04 dBJY -24.37 dB -26.44 dB -28.23 dB -33.37 dB		() 44		
mi         1           D2         M1         1           D3         M1         1           D4         M1         1           D5         M1         1           D4         M1         1           D5         M1         1           Date:         10.JAN.2013           Ow Channel           Spectrum         Ref Level         127.00 d           Att         20	2.41//3 GH2 -27.93 MH2 -30.25 MHz -33.57 MHz -42.84 MHz 11:31:02 11:31:02	115.04 dBJV -24.37 dB -26.44 dB -28.23 dB -33.37 dB -33.37 dB	Mode Auto FFT	(		
mi         1           D2         M1         1           D3         M1         1           D4         M1         1           D5         M1         1           Date:         10.JAN.2013           Joate:         10.JAN.2013           Cow Channel           Spectrum           Ref Level         127.00 d           Att         20           1Pk Visw	2.41/73 GH2 -27.93 MH2 -30.25 MHz -33.57 MHz -42.84 MHz 11:31:02 11:31:02	115.04 dBJY -24.37 dB -26.44 dB -28.23 dB -33.37 dB	Mode Auto FFT	(10000) 444	Harr 20192	
mi         1           D2         M1         1           D3         M1         1           D4         M1         1           D5         M1         1           Date:         10. JAN.2018           Low Channel           Spectrum           Ref Level         127.00 dl           Att         20           120 dbµV         127.00 dl	2.41/73 GH2 -27.93 MH2 -30.25 MH2 -33.57 MH2 -42.84 MH2 11:31:02 11:31:02 3µV Offset 16.70 db dB SWT 20.8 µ	115.04 dBJY -24.37 dB -26.44 dB -28.23 dB -33.37 dB	Mode Auto FFT M1[1]	(norma) 444	нап 20192 Шт 2019 Шт 2019 Шт 2019 Шт 2019 Шт 2019 Шт 2019 Шт 2019 Ш	
02         M1         1           03         M1         1           04         M1         1           05         M1         1           04         M1         1           05         M1         1           0ate:         10.JAN.2013           Owt Channel         20           Spectrum         20           120         dBµV           120         dBµV	2.41//3 GH2 -27.93 MH2 -30.25 MH2 -33.57 MH2 -42.84 MH2 11:31:02 3µY Offset 16.70 df dB SWT 20.8 µ	115.04 dBJY -26.44 dB -28.23 dB -33.37 dB	Mode Auto FFT 	()	117.09 dBµV 	
mi         1           D2         M1         1           D3         M1         1           D4         M1         1           D5         M1         1           Date:         10.JAN.2013           Ow Channel           Spectrum           Ref Level         127.00 dl           Att         20           120 dbµV         117.0           130 dbµV         02 t           100 dbµV         02 t	2.41//3 GH2 -27.93 MH2 -30.25 MH2 -33.57 MH2 -42.84 MH2 11:31:02 24/Y Offset 16.70 dt dB SWT 20.8 pr -42.94 MH2 -42.94 MH2 -42.94 MH2 -42.94 MH2	115.04 dBJY -26.44 dB -28.23 dB -33.37 dB	Mode Auto FFTM1[1]02[1]		117.09 dBµV _2.454930 GHz -24.88 dB 31.850 MHz	
mi         1           D2         M1         1           D3         M1         1           D4         M1         1           D5         M1         1           Date:         10.JAN.2013           Jate:         127.00 dl JAN.2013	2.41/73 GH2 -27.93 MH2 -30.25 MHz -33.57 MHz -42.84 MHz 11:31:02 3µ/V Offset 16.70 dt dB SWT 20.8 pt 	115.04 dBJY -24.37 dB -26.44 dB -28.23 dB -33.37 dB	Mode Auto FFT		117.09 dBµ¥ 2.454930 GHz -24.98 dB 31.850 MHz	
mi         1           D2         M1         1           D3         M1         1           D4         M1         1           D5         M1         1           Date:         10.JAN.2018           Dote:         10.JAN.2018           Cow Channel           Spectrum           Ref Level         127.00 dl           Att         20           120 dBµV         Q1, 117.0           120 dBµV         Q2, 117.0           90 dBµV         Q2, 117.0           90 dBµV         Q2, 117.0	2.41/13 GH2 -27.93 MH2 -30.25 MH2 -33.57 MH2 -42.84 MH2 11:31:02 3µV Offset 16.70 db dB SWT 20.8 µ2 	115.04 dBJY -24.37 dB -26.44 dB -28.23 dB -33.37 dB -33.37 dB	Mode Auto FFTM1[1]02[1]		Нап 20192 Шт 2019 Шт 2019 Шт 2019 Шт 2019 Шт 2019 Шт 2019 Шт 2019	
mi         1           02         M1         1           03         M1         1           04         M1         1           05         M1         1           04         M1         1           05         M1         1           04         M1         1           05         M1         1           0ate:         10.JAN.2018           OW Channel         Att         20           120         BpV         12.0 dB           120         dBpV         12.17.0           120         dBpV         12.17.0           120         dBpV         02.1           120         dBpV         02.2           90         dBpV         02.2           90         dBpV         02.2           90         dBpV         02.2           90         dBpV         70.0	2.41//3 GH2 -27.93 MH2 -30.25 MH2 -33.57 MH2 -42.84 MH2 11:31:02 3μV Offset 16.70 dt dB SWT 20.8 μ 30 (BuV 7.090 dBuV Da	115.04 dBJU -26.44 dB -28.23 dB -33.37 d	Mode Auto FFT 		Euro 20152 117.09 dBµY _2.454930 GHz -24.86 dB 31.850 MHz	
mi         1           D2         M1         1           D3         M1         1           D4         M1         1           D5         M1         1           D4         M1         1           D5         M1         1           Date:         10.JAN.2013           Jate:         10.JAN.2013           CW         Channel           Spectrum         20           Att         20           120 dBµV         01           120 dBµV         02           90 dBµV         02	2.41//3 GH2 -27.93 MH2 -30.25 MH2 -33.57 MH2 -42.84 MH2 11:31:02 AµY Offset 16.70 dt dB SWT 20.8 µ -42.94 MH2 -42.94 MH2 -42.94 MH2 -42.94 MH2	115.04 aBJUP -24.37 dB -26.44 dB -28.23 dB -33.37 d	Mode Auto FFT M1[1] 02[1]		117.09 dBµ¥ _2.454930 GHz -24.89 dB 31.850 MHz	
mi         1           D2         M1         1           D3         M1         1           D4         M1         1           D5         M1         1           D5         M1         1           Date:         10.JAN.2013           OW Channel           Spectrum         20           Mt         20           120 dBµV         21           120 dBµV         11.17.0           120 dBµV         02 f           90 dBµV         50 dBµV	2.41//3 GH2 -27.93 MH2 -30.25 MH2 -33.57 MH2 -42.84 MH2 11:31:02 24/Y Offset 16.70 df dB SWT 20.8 pr -42.94 MH2 -42.94 MH2 -42.9	115.04 aBJP -26.44 dB -28.23 dB -33.37 dB	Mode Auto FFT		117.09 dBµ¥ _2.454930 GHz -24.88 dB 31.850 MHz	
mi         1           D2         Mi         1           D3         Mi         1           D4         Mi         1           D5         Mi         1           D4         Mi         1           D5         Mi         1           D4         Mi         1           D5         Mi         1           D4         Mi         1           D4         Mi         20           D6         Mi         27.00 dl           Att         20         117.00 dl           120         dBµV         Q1           120         dBµV         02 fill           120         dBµV         02 fill           120         dBµV         02 fill           90         dBµV         02 fill           90         dBµV         02 fill           60         dBµV         0           40         dBµV <td>2.41//3 GH2 -27.93 MH2 -30.25 MH2 -33.57 MH2 -42.84 MH2 11:31:02 30/0 Offset 16.70 dd dB SWT 20.8 µ 7.090 dB/V Da 7.090 dB/V Da</td> <td>115.04 aBJU -26.44 dB -28.23 dB -28.23 dB -33.37 dB 3 ● RBW 1 MHz s ● VBW 1 MHz N</td> <td>Mode Auto FFTM1[1]02[1]</td> <td></td> <td>117.09 dBµ¥ _2.454930 GHz -24.89 dB 31.050 MHz</td> <td></td>	2.41//3 GH2 -27.93 MH2 -30.25 MH2 -33.57 MH2 -42.84 MH2 11:31:02 30/0 Offset 16.70 dd dB SWT 20.8 µ 7.090 dB/V Da 7.090 dB/V Da	115.04 aBJU -26.44 dB -28.23 dB -28.23 dB -33.37 dB 3 ● RBW 1 MHz s ● VBW 1 MHz N	Mode Auto FFTM1[1]02[1]		117.09 dBµ¥ _2.454930 GHz -24.89 dB 31.050 MHz	
mi         1           02         Mi         1           03         Mi         1           04         Mi         1           05         Mi         1           04         Mi         1           05         Mi         1           04         Mi         1           05         Mi         1           0ate:         10.JAN.2018           Jowe Channel         Spectrum           Ref Level         127.00 dl           Att         20           120 dBµV         QL           120 dBµV         QL           120 dBµV         02 gl           90 dBµV         02 gl           90 dBµV         02 gl           90 dBµV         02 gl           60 dBµV         02 gl           50 dBµV         40 dBµV           30 dBµV         40 dBµV	2.41//3 GH2 -27.93 MH2 -30.25 MH2 -33.57 MH2 -42.84 MH2 11:31:02 3μ/Y Offset 16.70 dt dB SWT 20.8 μ1 -42.94 MH2 -42.94 MH2 -42.	115.04 dBJU -24.37 dB -26.44 dB -28.23 dB -33.37 d	Mode Auto FFT M1[1] 		Инт 20192 Шт 2019 Шт 2019 Шт 2019 Шт 2019 Шт 20192 Шт 20192 Шт 2019	
mi         1           02         Mi         1           03         Mi         1           04         Mi         1           05         Mi         1           04         Mi         1           05         Mi         1           04         Mi         1           05         Mi         1           0ate:         10.JAN.2018           OW Channel         20           Spectrum         20           Att         20           120         BpV           90         BpV           90         BpV           60         BpV           50         BpV           50         BpV           50         BpV           50         BpV           50         BpV           50         BpV	2.41//3 GH2 -27.93 MH2 -30.25 MH2 -33.57 MH2 -42.84 MH2 11:31:02 3μV Offset 16.70 df dB SWT 20.8 μ -42.94 MH2 -42.94	115.04 dBJU -26.44 dB -28.23 dB -33.37 dB	Mode Auto FFT		Iter locks	
mi         1           D2         M1         1           D3         M1         1           D4         M1         1           D5         M1         1           D5         M1         1           Date:         10.JAN.2013           Jate:         10.JAN.2013           Jate:         10.JAN.2013           Jate:         120.JAN.2013           Att         20           120 dBp/M.         21           100 dBp/V.         02           90 dBp/V.         03           30 dBp/V.         30           30 dBp/V.         30           86f Trc.         Trc.	2.41//3 GH2 -27.93 MH2 -30.25 MH2 -33.57 MH2 -42.84 MH2 11:31:02 AµY Offset 16.70 dt dB SWT 20.8 µ -42.94 MH2 -42.94	115.04 dBJU -24.37 dB -26.44 dB -28.23 dB -33.37 dB	Mode Auto FFT	Function	117.09 dBµV 2.454930 GHz -24.89 dB 31.850 MHz 	
mi         1           D2         M1         1           D3         M1         1           D4         M1         1           D5         M1         1           D5         M1         1           D5         M1         1           D5         M1         1           Date:         10.JAN.2013           OW Channel           Spectrum           Ref Level 127.00 di           Att           20           120         BµV           120         BµV           120         BµV           120         BµV           120         BµV           120         BµV           100         BµV           100         BµV           00         BµV           00         BµV           00         BµV           00         BµV           00         BµV           30         BµV           30         BµV           30         BµV           30         BµV           30         BµV	2.41//3 GH2 -27.93 MH2 -33.57 MH2 -42.84 MH2 11:31:02 34/Y Offset 16.70 df dB SWT 20.8 µ -42.84 MH2 7,090 dBL/ D2 -7,090 dBL/ D2 -7,	115.04 dBJV -24.37 dB -26.44 dB -28.23 dB -33.37 dB	Mode Auto FFT	Function	117.09 dBµ¥ _2.454930 GHz -24.89 dB 31.050 MHz 31.050 MHz 610 2.6 GHz 8top 2.6 GHz	
mi         1           D2         M1         1           D3         M1         1           D4         M1         1           D5         M1         1           D5         M1         1           D5         M1         1           D5         M1         1           Date:         10.JAN.2013           OW Channel           Spectrum           Ref Level 127.00 d           Att         20           100 dBµV         Q1           110 dBµV         Q2           120 dBµV         Q2           120 dBµV         Q2           100 dBµV         D2 f           90 dBµV         00 dBµV           40 dBµV         00 dBµV           30 dBµV         1           02 M1         1           03 M1         1           03 M1         1           03 M1         1           04 M1         1	2.41//3 GH2 -27.93 MH2 -30.25 MH2 -33.57 MH2 -42.84 MH2 11:31:02 3µ/V Offset 16.70 dd dB SWT 20.8 µ -42.84 MH2 -42.84 MH2 -43.97 MH2 -49.94	115.04 aBJV -24.37 dB -26.44 dB -28.23 dB -33.37 dB 3 • RBW 1 MHz • VBW 1 MHz • VBW 1 MHz • 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Mode Auto FFT	Function	117.09 dBµ¥ _2.454930 GHz -24.89 dB 31.950 MHz 	
mi         1           D2         Mi         1           D3         Mi         1           D4         Mi         1           D5         Mi         1           D5         Mi         1           D5         Mi         1           D5         Mi         1           Date:         10.JAN.2013           OW Channel           Spectrum           Ref Level 127.00 di           Att           20           120         BpV           120         BpV         Q1           120         BpV         Q2           120         BpV         Q2           120         BpV         Q2           120         BpV         Q2           90         dBpV         Q2           30         dBpV         Q2           30         dBpV         Q3           30         dBpV <td>2.41//3 GH2 -27.93 MH2 -30.25 MH2 -33.57 MH2 -42.84 MH2 11:31:02 30/V Offset 16.70 dd dB SWT 20.8 µ 30 dB WT 20.8 µ 7.090 dB WT 20.8 µ 50 dB WT 20.8 µ 51 F1 F F1 F 51 F1 F 51 F1 F 51 F1 F 1.85 MH2 31.85 MH2 45.37 MH2 49.94 MH2 52.87 MH2 7.3 MH</td> <td>115.04 αBJY -24.437 dB -26.44 dB -28.23 dB -33.37 dB 3 ● RBW 1 MHz s ● VBW 1 MZ s ● VBW 1 MZ s ● VBW 1 MZ s ● VBW 1 MZ s ● VBW 1</td> <td>Mode Auto FFT</td> <td>Function</td> <td>117.09 dBµ¥ _2.454930 GHz -24.89 dB 31.050 MHz </td> <td></td>	2.41//3 GH2 -27.93 MH2 -30.25 MH2 -33.57 MH2 -42.84 MH2 11:31:02 30/V Offset 16.70 dd dB SWT 20.8 µ 30 dB WT 20.8 µ 7.090 dB WT 20.8 µ 50 dB WT 20.8 µ 51 F1 F F1 F 51 F1 F 51 F1 F 51 F1 F 1.85 MH2 31.85 MH2 45.37 MH2 49.94 MH2 52.87 MH2 7.3 MH	115.04 αBJY -24.437 dB -26.44 dB -28.23 dB -33.37 dB 3 ● RBW 1 MHz s ● VBW 1 MZ s ● VBW 1 MZ s ● VBW 1 MZ s ● VBW 1 MZ s ● VBW 1	Mode Auto FFT	Function	117.09 dBµ¥ _2.454930 GHz -24.89 dB 31.050 MHz 	



Spect	num						-				
Ref Le	evel 1	27.00 dB 20	dB 9WT	: 16.70 di 13.2 µ	5 - REW 1 M 5 - VBW 1 M	/Hz /Hz	Mode Auto	FFT		224 - 22 	
●1Pk V	iew I		Ť			1	M1[1]		1	20.20 dBuV	
120 dB	µV−D	1 120.20	0 d8µV				07[1]		ma	416578.周期z	
110 dB	μV							1	5 -	27.060 MHz	
100 dB	μv	-02 1	00.200 dBµV			C	05 D4P	april			
00 gBh.	v 			- AND	how	Z	Printe				
ദ്ധ വല്ല 		~~	m		22						
60 dBu	v							18			
50 dBu	v		-								
40 dBµ'	v—					-					
30 dBµ'	v						F2	F1			
GF 2.3 Marker	72 GH	2			69	1 pts			6pan	100.0 MHz	
Турв	Ref	Trc	Stimul		Response	9	Function	Fun	iction Resul	t	
02	MI	1	-27	.05 MHz	-22.71	dB					
	M1	1	-30	.27 MHz	-25.81	dB					
D4	6.14		40	06 MU- 1							
D4 D5 D6 D6 D6 COW (	M1 M1 0. JAN Cha	1 1 .2013 nnel	-40 -5 11:36:09	.96 MHz 7.6 MHz	-29.05 -35.18	dB	. 1165140415		9 4249		
Date: 1 Oate: 1 OW ( Spect Ref Le Att	M1 0.JAN Cha	1 1 .2013 nnel 27.00 dB 20	-40 -5 11:36:09 µV Offset dB SWT	.96 MHz 7.6 MHz : 16.70 dl 20.8 μ	-29.05 -35.18 3 • RBW 1 M s • VBW 1 M	AHz AHz	) Mode Auto	FFT	i dati	FIGHAD SE	
Spect Atter	M1 M1 0.JAN Cha trum avel 1	1 1 .2013 nnel 27.00 dB 20	-40 -5 11:36:09 µV Offset dB SWT	: 16.70 di 20.8 µ	-29.05 -35.18 3 • RBW 1 M 5 • VBW 1 M	AHz AHz	) Mode Auto	<b>GARAGENE</b>	9 6269	20.80 dBu¥	
D4 D5 D6 D6 COW ( Spect Ref Le Att 120 dB	M1 M1 0.JAN Cha trum evel 1	1 .2013 nnel 27.00 dB 20	-40 -5 11:36:09 µV Offset dB SWT	.96 MHz 7.6 MHz 20.8 μ	-29.05 -35.18 3 • RBW 1 M 5 • VBW 1 M	AHz AHz	Mode Auto	FFT	1 1 2,	20.80 dBµV 456550 GHz -20.63 dB	
04 05 06 06 06 06 06 06 06 06 06 06 06 06 06	м1 м1 0. JAN Cha trum evel 1 isw	1 1 2013 nnel 27.00 dB 20	-40 -5 11:36:09 4B SWT	.96 MHz 7.6 MHz : 16.70 dl 20.8 μ	-29.05 -35.18 3 • RBW 1 M	AHz 4Hz	Mode Auto M1[1] D2[1]	FFT	1 2.	20.80 dBµV 456550 GHz -20.63 dB 27.550 MHz	
D4 D5 D6 D6 D6 D6 D6 D6 D6 D6 D6 D6 D6 D6 D6	м1 м1 0. JAN Cha trum trum trum trum trum trum trum	1 1 2013 nnel 27.00 dB 20 10 10 20 20	-40 -5 11:36:09	.96 MHz 7.6 MHz 20.8 μ	-29.05 -35.18 3 • RBW 1 M 5 • VBW 1 M	nHz nHz	Mode Auto M1[1]	FFT	1 2,	20.80 dBµV 456560 GHz -20.63 dB 27.550 MHz	
04 05 06 06 06 06 06 06 06 06 06 06 06 06 06	м1 м1 0. JAN Cha crum evel 1 isw уудар	1 1 .2013 nnel 27.00 dB 20 20 20 20 20 20 20 20 20 20 20 20 20	-40 -5	96 MHz 7.6 MHz 20.8 μ	-29.05 -35.18 3 • RBW 1 M 5 • VBW 1 M	AHz AHz	Mode Auto M1[1] 02[1]	FFT	1 1 2.	20.80 dBµV 456550 GHz -20.63 dB 27.550 MHz	
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04 05 06 05 06 05 06 05 06 07 07 07 07 07 07 07 07 07 07 07 07 07	м1 м1 0. JAN Cha crum evel 1 iвw уудо v v v v v v v v v v v v	1 1 2013 nnel 27.00 dB 20	-40 -5 11:36:09	-96 MHz 7.6 MHz 20.8 μ	-29.05 -35.18 3 • RBW 1 M 5 • VBW 1 M 5 • VBW 1 M	IHz IHz IHz	Mode Auto M1[1] D5 M1 D5	FFT		20.80 dBµV 456550 GHz -20.63 dB 27.550 MHz	
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04 05 06 06 07 07 07 07 07 07 07 07 07 07 07 07 07	М1 М1 0. JAN Cha crum crum crum crum crum crum crum crum	1 1 1 2013 nnel 27.00 dB 20 10 10 10 11 11 11	-40 -5 11:36:09	9.6 MHz 7.6 MHz 20.8 µ 20.8 µ	-29.05 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -35.18 -3	AH-z AH-z AH-z AH-z AH-z AH-z AH-z AH-z	Mode Auto M1[1] D2[1] D5 S Function	FFT	1 2, 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	20.80 dBµV 456560 GHz -20.63 dB 27.550 MHz	
04 05 06 05 06 07 07 07 07 07 07 07 07 07 07 07 07 07	М1 М1 0. JAN Cha crum crum crum crum crum crum crum crum	1 1 2013 nnel 27.00 dB 20 40,120,60 20 10 10 10 11 1 1 1 1 1 1 1 1 1 1 1	-40 -5 11:36:09 11:36:09 0 dBpV 0 dBpV 0 dBpV 7 m 1	9.6 MHz 7.6 MHz 20.8 µ 20.8 µ	-29.05 -35.18 3 • RBW 1 M 5 • VBW 1 M 5 • VBW 1 M 5 • VBW 1 M 5 • VBW 1 M 5 • CBW 1 M 5 •	AHz AHz AHz AHz AHz AHz AHz AHz AHz AHz	Mode Auto M1[1] D2[1] D5 Function	FFT	Staction Resul	20.80 dBµV 456550 GHz -20.63 dB 27.550 MHz	



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## 5.3 Spurious emissions in receive mode

#### **RESULT:** Pass

Date of testing: 2013-01-10

Requirements: RSS-Gen

Radiated emissions from receiver shall not exceed the radiated limits in the table below.

Freq. [MHz]	Detector	Measurement Bandwidth	Limit [dBµV/m]
30 – 88	Qp	120 kHz	40.0
88 – 216	Qp	120 kHz	43.5
216 – 960	Qp	120 kHz	46.0
Above 916	Av	1 MHz	54.0

Test procedure: ANSI C63.10-2009 and RSS-Gen section 4.10

The EUT was placed on a nonconductive turntable 0.8m above the ground plane. Before final measurements of radiated emissions were performed, the EUT was scanned to determine its emission spectrum profile. The physical arrangement of the test system, the associated cabling and the EUT orientation (X, Y, Z) were varied in order to ensure that maximum emission amplitudes were attained.

The spectrum was examined from 30 MHz to 7500 MHz. Emission measurements were made at 3m distance.

At each frequency where a spurious emission was found, the EUT was rotated 360° and the antenna was raised and lowered from 1 to 4m in order to determine the emission's maximum level. Measurements were taken using both horizontal and vertical antenna polarizations.

The 6 highest emission amplitudes relative to the appropriate limit were recorded in this report. Field strength values of radiated emissions at frequencies not listed in the tables are more than 20 dB below the applicable limit.

Correction factors are incorporated in the spectrum analyzers as an automated function. Correction factors includes: antenna factor, cable loss and pre-amplifier gain.



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Results:							
	Freq. [MHz]	Antenna Orientation	Detector/ Bandwidth	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	
	47.1	Vertical	Qp / 120 kHz	37.4	40.0	-2.6	
	64.9	Vertical	Qp / 120 kHz	36.7	43.5	-6.8	
	237.5	Vertical	Qp / 120 kHz	32.4	46.0	-13.6	
	466.0	Vertical	Qp / 120 kHz	35.2	46.0	-10.8	
	4824	Vertical	Av / 1 MHz	38.9	54.0	-15.1	
	6436	Vertical	Av / 1 MHz	36.4	54.0	-17.6	



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## 5.4 AC Power Line Conducted Measurements

#### 5.4.1 AC Power Line Conducted Emission of Transmitter

AC power line conducted emissions are included in the Part 15B/ICES-003 testreport. Refer to documentnumber 13e\_PD97260NG\_Testreport\_FCC-15B-ICES003.



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\\/;E; 5 79	5 5 825 CH-7 (802 44-	/n20/n40/ac80\
	5 – 5.025 GHZ (002.11a)	/1120/1140/acouj



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## 6. Test Set-up and Operation Modes

#### 6.1 Test Methodology

The test methodology used is based on the requirements of RSS-GEN, RSS-210, 47 CFR Part 15, Sections 15.31, 15.33, 15.35, 15.205, 15.207, 15.209, 15.247 and ANSI C63.10:2009

KDB Publication No. 558074 D01: Measurement of Digital Transmission Systems Operating under Section 15.247.

The test methods, which have been used, are based on ANSI C63.10: 2009. For details, see under each test item.

Modulation	Duty	Antenna			Т		Fest frequencies (MHz)				
	cycle		Lowest	Powe Gain contr settin	r/ ol g	Middle	Power/ Gain control setting	Highest	Power/ Gain control setting		
6 Mb OFDM	0.99	1	5745	18. dBr	0 n	5785	17.5 dBm	5825	18.0 dBm		
6 Mb OFDM	0.99	2	5745	31.	0	5785	32.5	5825	31.5		
HT4 - 20 MHz	0.94	1	5745	11. dBr	0 n	5785	10.5 dBm	5825	11.0 dBm		
HT4 - 20 MHz	0.94	2	5745	11. dBr	0 n	5785	10.5 dBm	5825	11.0 dBm		
HT8 - 20 MHz	0.98	1+2	5745	27.	0	5785	27.5 / 27.5	5825	27.5		
HT4 - 40 MHz	0.89	1	5755	17. dBr	5 n			5795	11.0 dBm		
HT4 - 40 MHz	0.89	2	5755	17. dBr	5 n			5795	11.0 dBm		
HT8 - 40 MHz	0.96	1+2	5755	11.5/ <i>*</i> dBr	1.5 n			5795	28.0/ 28.0		
VHT6 – 80 MHz	0.79	1				5775	14.0 dBm				
VHT6 – 80 MHz	0.79	2				5775	14.0 dBm				
VHT6 – 80 MHz	0.79	1+2				5775	27.0/27.0				

#### 6.2 Operation Modes



# Test Report No.: 12121201.fcc01 Page 129 of 263 Power setting was established by either 'Power Control" or "Gain Control" in the software as defined in section 4.4. Testing was performed at the lowest operating frequency, at the operating frequency in the middle of the specified frequency band and at the highest operating frequency. These operation modes were selected after review of the capabilities and characteristics of the EUT. Antenna ports are also referred to as Chain A and Chain B, where chain A refers to Antenna-port 2 and Chain B refers to Antenna-port 1. Gain control setting is for both chains equal were applicable. The data rates of 6Mb/s for 802.11a, HT4 (SISO)/HT8 (MIMO) for 802.11n20 and n40, and VHT6 (SISO)/(MIMO) for 802.11 ac80 were selected based on preliminary testing that identified those rates corresponding to the worst cases for output power and spurious levels at the band edges.



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## 6.3 Physical Configuration for Testing

The EUT was installed into a test-fixture that interfaced to a laptop computer and dc power supply. The laptop computer was used to configure the EUT to continuously transmit at a specified output power and channel or continuously receive on the channel as specified in the testdata. See section 4.5 for Auxiliary details.

The EUT was tested on a stand-alone basis (only attached to the test jig) and the test system was configured in a typical fashion (as a customer would normally use it).

The justification and manipulation of cables and equipment in order to simulate a worst-case behavior of the test setup has been carried out as prescribed in ANSI C63.10: 2009.



#### Figure 3: Test Setup Diagram

#### Notes:

For more details, refer to the document: Test Set-Up Photographs document.