

FCC CFR47 PART 15 SUBPART C INDUSTRY CANADA RSS-210 ISSUE 8

C2PC TEST REPORT

FOR

MODEL NUMBER: 7260HMW

FCC ID: 2AB5I-7260H IC: 11929A-7260H

REPORT NUMBER: 14M17040-3, Revision 3

ISSUE DATE: 2014-08-13

Prepared for

GE Inspection Technologies, LP 50 Industrial Park Road Lewiston, PA 17044, USA

Prepared by
UL LLC
1285 WALT WHITMAN RD.
MELVILLE, NY 11747, U.S.A.
TEL: (631) 271-6200

FAX: (877) 854-3577



Revision History

Rev.	Issue Date	Revisions	Revised By
	06/10/14	Initial Issue	Joseph Danisi
-3	08/04/14	Correct antenna gain, power, and harmonics numeric data, add duty cycle plots, add note about similar measurements.	Joseph Danisi
4	2014-08-13	Corrected data on pages 31, 39 and 114 for spurious above the fundamental frequency	B. DeLisi

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1. ATTESTATION OF TEST RESULTS

COMPANY NAME: GE Inspection Technologies, LP

50 Industrial Park Road Lewiston, PA 17044, USA

MODEL: 7260HMW

SERIAL NUMBER: Prototype

DATE TESTED: March 06, 2014 to June 09, 2014

APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
CFR 47 Part 15 Subpart C	Pass
INDUSTRY CANADA RSS-210 Issue 8 Annex 8	Pass
INDUSTRY CANADA RSS-GEN Issue 3	Pass

UL LLC tested the above equipment in accordance with the requirements set forth in the above standards, using test results reported in the test report documents referenced below and/or documentation furnished by the applicant. All indications of Pass/Fail in this report are opinions expressed by UL LLC based on interpretations of these calculations. The results show that the equipment is capable of demonstrating compliance with the requirements as documented in this report.

Note: The results documented in this report apply only to the tested sample, under the conditions and modes of operation, as described by the referenced documents. This document may not be altered or revised in any way unless done so by UL LLC and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by UL LLC will constitute fraud and shall nullify the document. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, any agency of the Federal Government, or any agency of any government.

Approved & Released For UL LLC By: Tested By:

Michael Antola (Ext.23053)

Project Lead

Consumer Technology Division

Joseph Danisi (Ext.23055)
Principal Engineer
Consumer Technology Division

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2. TEST METHODOLOGY

The tests documented in this report were performed in accordance with ANSI C63.10-2009, FCC CFR 47 Part 2, FCC CFR 47 Part 15, RSS-GEN Issue 3, and RSS-210 Issue 8.

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3. FACILITIES AND ACCREDITATION

The test sites and measurement facilities used to collect data are located at 1285 Walt Whitman Rd. Melville, NY 11747, USA.

UL Melville is accredited by NVLAP, Laboratory Code 100255-0. The full scope of accreditation can be viewed at http://ts.nist.gov/standards/scopes/1002550.htm.

4. CALIBRATION AND UNCERTAINTY

4.1. MEASURING INSTRUMENT CALIBRATION

The measuring equipment utilized to perform the tests documented in this report has been calibrated in accordance with the manufacturer's recommendations, and is traceable to recognized national standards.

4.2. SAMPLE CALCULATION

Where relevant, the following sample calculation is provided:

Field Strength (dBuV/m) = Measured Voltage (dBuV) + Antenna Factor (dB/m) + Cable Loss (dB) – Preamp Gain (dB) 36.5 dBuV + 18.7 dB/m + 0.6 dB – 26.9 dB = 28.9 dBuV/m

4.3. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

Test	Uncertainty
Conducted Emissions (worst case 9kHz-30MHz)	± 2.0, k=2 (95%)
Radiated Emissions, 30-200MHz, Horizontal	± 3.6, k=2 (95%)
Radiated Emissions, 30-200MHz, Vertical	± 3.8, k=2 (95%)
Radiated Emissions, 200-1000MHz, Horizontal	± 2.8, k=2 (95%)
Radiated Emissions, 200-1000MHz, Vertical	± 3.7, k=2 (95%)
Radiated Emissions, 1-18GHz (worst case, sVSWR)	± 4.9, k=2 (95%)

Uncertainty figures are valid to a confidence level of 95%.

5. EQUIPMENT UNDER TEST

5.1. DESCRIPTION OF EUT

The equipment under test is an industrial remote visual inspection video borescope. It is used to visually inspect high value assets without having to tear them down. i.e., power gen turbines and aircraft engines.

For 802.11a/b/g mode the EUT can transmit at both CHAIN A and CHAIN B RF outputs individually but not Simultaneously.

For 802.11n/ac modes 802.11n20 (20 MHz channel bandwidth), 802.11n40 (40 MHz channel bandwidth) and 802.11ac80 (80MHz channel bandwidth) mode the EUT can transmit at both CHAIN A and CHAIN B RF outputs individually and simultaneously.

This is a permissive 2 change therefore only Radiated Bandedge and Emissions were performed.

5.2. MAXIMUM OUTPUT POWER

The transmitter has a maximum peak conducted output power as follows:

Frequency Range (MHz)	Mode	Output Power (dBm)	Output Power (mW)
2412 - 2462	802.11b	19.17	82.60
2412 - 2462	802.11g	25.66	368.13
2412 - 2462	802.11n HT20	26.01	399.02
2422 - 2452	802.11n HT40	26.78	476.43
5745 - 5825	802.11a	26.13	410.20
5745 - 5825	802.11n HT20	25.73	374.11
5755 - 5795	802.11n HT40	25.94	392.64
5775	802.11ac 80	24.51	282.49

Note: The power measurements were from original module evaluation

5.3. DESCRIPTION OF AVAILABLE ANTENNAS

The radio utilizes an Ethertronics 1000418 antenna, with a maximum gain of -2.35 dBi in 2.4GHz band

The radio utilizes an Ethertronics 1000418 antenna, with a maximum gain of 3.42 dBi in 5.8GHz band

5.4. SOFTWARE AND FIRMWARE

The firmware installed in the EUT during testing was Team Build 2, rev. 1.

The EUT driver software installed during testing was SVNDISUIO, rev. 15.0.0.16

The test utility software used during testing was Intel DRTU 1.6.0-0510 utility DRTU Version during transmitter test. The EUT was being controlled by the Intel DRTU tool to operate in a continuous transmit mode set for greater than 98% duty cycle on the test channels as required and in each of the different modulation modes.

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5.5. WORST-CASE CONFIGURATION AND MODE

Radiated emission were performed with the EUT set to transmit at the channel low, mid, high channels.

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The fundamental of the EUT was investigated in three orthogonal orientations X, Y, Z, it was determined that X orientation was worst-case orientation; therefore, all final radiated testing was performed with the EUT in X orientation.

Worst-case data rates as provided by the client were:

802.11a mode: 6 Mbps 802.11b mode: 1 Mbps 802.11g mode: 6 Mbps 802.11n HT20mode: HT4 802.11n HT40mode: HT8 802.11AC 80mode: VHT6

Radiated emissions for EUT with antenna was performed and passed

5.6 DESCRIPTION OF TEST SETUP

SUPPORT EQUIPMENT

Support Equipment List										
Description Manufacturer Model Serial Number FCC ID										
Mouse	Logitech	M-BJ58	HCA 50401031	None						

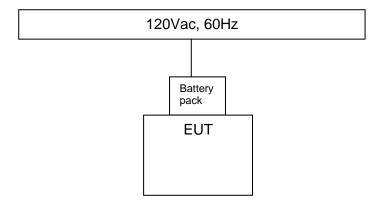
I/O CABLES

	I/O Cable List													
Cable No	Port	# of identical ports	Connector Type	• •	Cable Length (m)	Remarks								
1	usb	3	USB	I/O	1	None								
2	Mains	1	Plug		1.5	only used to charge the								
						battery pack to run the								
						equipmnet under test								

TEST SETUP

The EUT is installed in a host enclosure during the tests. Test software exercised the radio card.

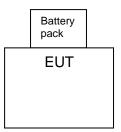
SETUP DIAGRAM FOR TESTS



Set up used for keeping battery pack fully charge during testing only

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Typically set up during normal operation

6. TEST AND MEASUREMENT EQUIPMENT

The following test and measurement equipment was utilized for the tests documented in this report:

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	Radiated Emissions										
Description	Manufacturer	Manufacturer Model		Cal Date	Cal Due Date						
30-1000MHz											
EMI Receiver	Rohde & Schwarz	ESCI 7	75141	2014-01-29	2015-01-31						
Bilog Antenna	Sunol	JB1	84106	2014-02-19	2015-02-19						
Switch Driver	HP	11713A	ME7A-627	N/A	N/A						
System Controller	Sunol Sciences	SC99V	44396	N/A	N/A						
Camera Controller	Panasonic	WV-CU254	44395	N/A	N/A						
RF Switch Box	UL	1	44398	N/A	N/A						
Measurement Software	UL	Version 9.5	44740	2012-12-22	2014-12-22						
Multimeter	Fluke	83III	ME5B-305	2014-01-28	2015-01-31						
Above 1GHz (Band Optimize	d System)										
Spectrum Analyzer	Agilent	E4446A	72823	2014-01-29	2015-01-31						
EMI Receiver	Rohde & Schwarz	ESCB40	34968	2014-04-29	2015-01-31						
Horn Antenna (2-4 GHz)	ETS	3161-02 (22°)**	48107	2007-09-27	See * below						
Horn Antenna (4-8 GHz)	ETS	3161-03 (22°)**	48106	2007-09-27	See * below						
Horn Antenna (8-12 GHz)	ETS	3160-07 (26°)**	8933	2008-11-24	See * below						
Horn Antenna (12-18 GHz)	ETS	3160-08 (26°)**	8932	2007-09-27	See * below						
Horn Antenna (18-26.5 GHz)	ETS	3160-09 (27°)**	8947	2007-09-26	See * below						
Horn Antenna (26.5-40 GHz)	ETS	3160-10 (27°)**	73004	2007-09-26	See * below						
Horn Antenna	EMCO	3115	ME5A-766	2013-12-03	2014-12-03						
Signal Path Controller	HP	11713A	50250	N/A	N/A						
Gain Controller	HP	11713A	50251	N/A	N/A						
RF Switch / Preamp Fixture	UL	BOMS1	50249	N/A	N/A						
System Controller	UL	BOMS2	50252	N/A	N/A						
Measurement Software	UL	Version 9.5	44740	N/A	N/A						
Temp/Humidity/Pressure											
Meter	Cole Parmer	99760-00	4268	2012-12-22							
Multimeter	Fluke	83III	ME5B-305	2014-01-28	2015-01-31						

^{* -} Note: As allowed by the calibration standard ANSI C63.10-2009 Section 4.4.2, standard gain horns need only a one-time calibration. Only if physical damage occurs will the horn antenna require re-calibration.

Gain standard horn antennas (sometimes called standard gain horn antennas) need not be calibrated beyond that which is provided by the manufacturer unless they are damaged or deterioration is suspected, or they are used at a distance closer than $2D^2/\lambda$. Gain standard horn antennas have gains that are fixed by their dimensions and dimensional tolerances.

^{** -} Number in parentheses denotes antenna beam width.

7. ON TIME, DUTY CYCLE AND MEASUREMENT METHODS

LIMITS

None; for reporting purposes only.

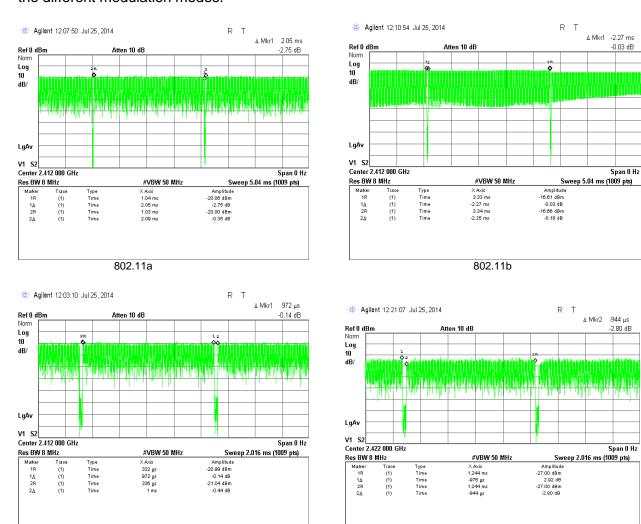
802.11HT20

PROCEDURE

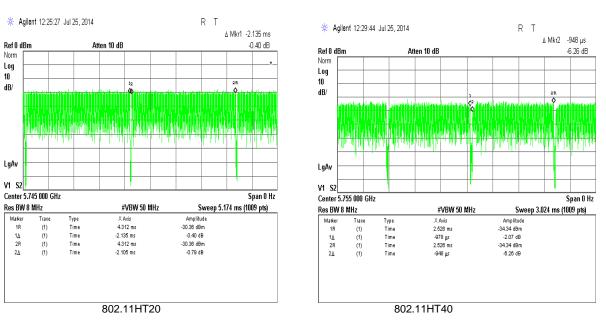
During transmitter test the EUT was being controlled by the Intel DRTU tool to operate in a continuous transmit mode with greater than 98% duty cycle on the test channels and in each of the different modulation modes.

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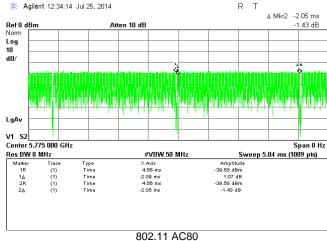
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802.11HT40



DATE: 2014-08-13



8. RADIATED TEST RESULTS

8.1. LIMITS AND PROCEDURE

LIMITS

FCC §15.205 and §15.209

IC RSS-210 Clause 2.6 (Transmitter)

Frequency Range (MHz)	Field Strength Limit (uV/m) at 3 m	Field Strength Limit (dBuV/m) at 3 m
30 - 88	100	40
88 - 216	150	43.5
216 - 960	200	46
Above 960	500	54

TEST PROCEDURE

The EUT is placed on a non-conducting table 80 cm above the ground plane. The antenna to EUT distance is 3 meters.

For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak.

For measurements above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 1 MHz for peak measurements and as applicable for average measurements.

The spectrum from 30 MHz to 40 GHz is investigated with the transmitter set to the lowest, middle, and highest channels in each applicable band.

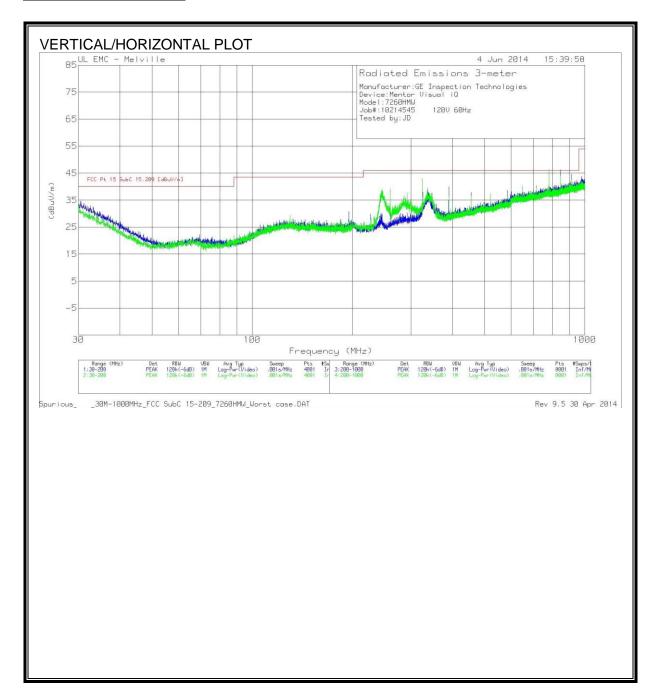
The frequency range of interest is monitored at a fixed antenna height and EUT azimuth. The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized in both the vertical and the horizontal positions.

Note: Spurious emissions below 2GHz in the restricted band were evaluated after numerous measurement the emissions were identical therefore some results in the tables may outline similar outcomes in the measurement.

8.1.1. WORST-CASE BELOW 1 GHz

SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION, VERTICAL/HORIZONTAL)

DATE: 2014-08-13



Data

Frequency (MHz)	Meter Reading (dBuV)	Det	AF-84106 [dB/m]	GL [dB]	Corrected Reading (dBuV/m)	FCC Pt 15 SubC 15.209 [dBuV/m]	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
390.0533	-1.11	PK	15.8	3	17.69	46	-28.31	310	374	Н
324.992	21.25	QP	14.6	2.7	38.55	46	-7.45	170	234	Н
337.3	16.02	QP	14.6	2.8	33.42	46	-12.58	174	102	Н
390.0533	9.41	QP	15.8	3	28.21	46	-17.79	310	374	Н
845.0081	9.11	QP	21.6	4.6	35.31	46	-10.69	236	191	V
779.9886	17.15	QP	21.2	4.4	42.75	46	-3.25	44	109	V
325	25.41	QP	14.2	2.7	42.31	46	-3.69	337	127	V

PK - Peak detector QP - Quasi-Peak detector

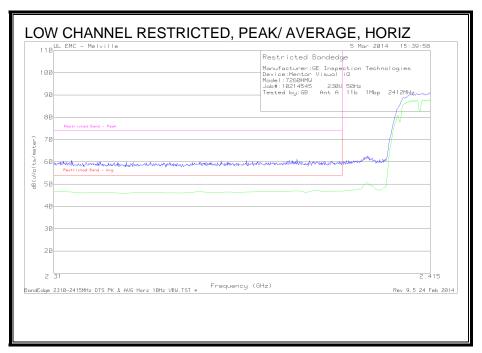
8.2. TRANSMITTER ABOVE 1 GHz SISO

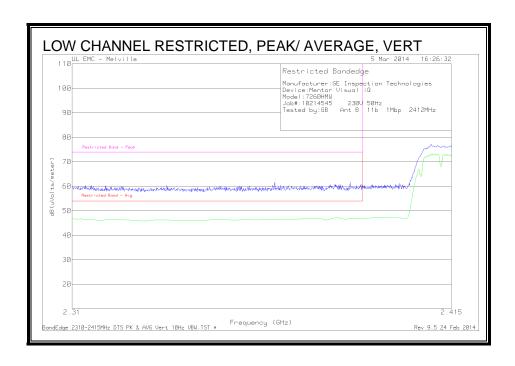
8.2.1. TX ABOVE 1 GHz 802.11b MODE IN THE 2.4 GHz BAND

DATE: 2014-08-13

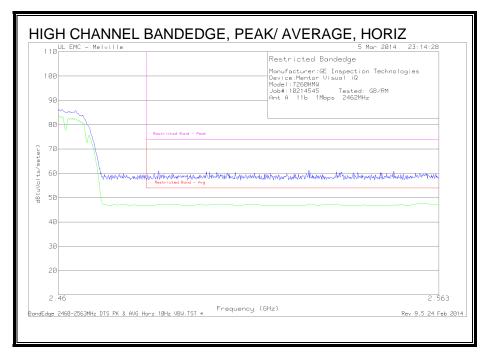
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RESTRICTED BANDEDGE (LOW CHANNEL CHAIN A)

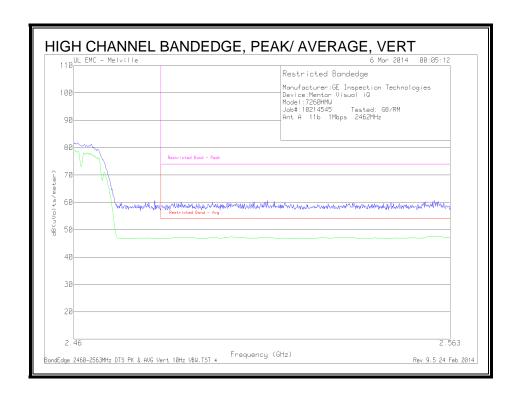




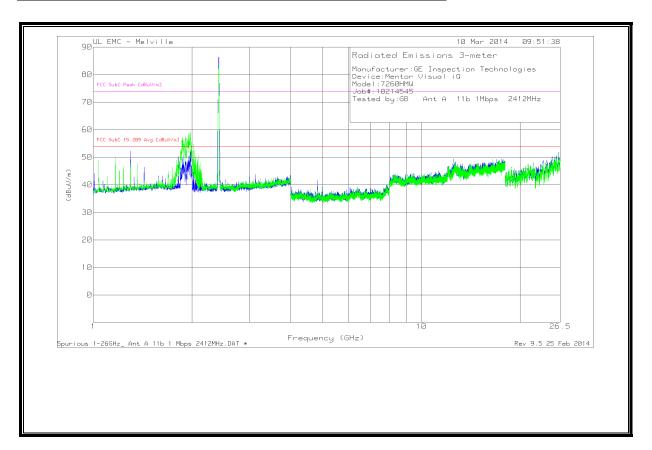
AUTHORIZED BANDEDGE (HIGH CHANNEL CHAIN A)



DATE: 2014-08-13



HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL CHAIN A



DATA

Frequency (GHz)	Meter Reading (dBuV)	Det	AF [dB/m]	Gain/Loss (dB)	Corrected Reading (dBuV/m)	FCC SubC 15.209 Avg [dBuV/m]	Margin (dB)	FCC SubC Peak [dBuV/m]	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.04	55.16	MAv1	24.2	-44.6	34.76	54	-19.24	-	-	300	126	Н
* 1.234	55.43	MAv1	25	-44.59	35.84	54	-18.16	-	-	304	110	Н
* 1.3	61.83	MAv1	25.1	-44.75	42.18	54	-11.82	-	-	324	181	Н
* 1.365	60.74	MAv1	25	-44.21	41.53	54	-12.47	-	-	319	175	Н
* 1.124	51.3	MAv1	24.7	-44.54	31.46	54	-22.54	-	-	129	339	Н
* 1.04	55.12	MAv1	23.9	-44.59	34.43	54	-19.57	-	ı	0	115	V
* 1.17	57.09	MAv1	24.9	-44.97	37.02	54	-16.98	-	-	0	195	V
* 1.235	58.05	MAv1	25.2	-44.66	38.59	54	-15.41	-	1	21	137	V
* 1.3	58.61	MAv1	25.4	-44.75	39.26	54	-14.74	-	1	15	124	V
* 1.365	58.52	MAv1	25.2	-44.2	39.52	54	-14.48	-	ı	311	165	V
* 1.203	57.52	PK2	25	-44.64	37.88	ı	-	74	-36.12	230	205	Η
* 1.04	69.73	PK2	24.2	-44.59	49.34	ı	1	74	-24.66	300	126	Н
* 1.234	67.22	PK2	25	-44.58	47.64	ı	-	74	-26.36	304	110	H
* 1.3	71.43	PK2	25.1	-44.74	51.79	ı	-	74	-22.21	324	181	Η
* 1.365	70.88	PK2	25	-44.2	51.68	-	-	74	-22.32	319	175	Н
* 1.124	63.61	PK2	24.7	-44.54	43.77	ı	-	74	-30.23	129	339	Η
* 1.04	68.58	PK2	23.9	-44.6	47.88	ı	1	74	-26.12	0	115	٧
* 1.17	68.68	PK2	25	-44.97	48.71	-	-	74	-25.29	0	195	V
* 1.235	69.8	PK2	25.2	-44.65	50.35	ı	-	74	-23.65	21	137	٧
* 1.3	69.51	PK2	25.4	-44.75	50.16	-	-	74	-23.84	15	124	V
* 1.365	66.71	PK2	25.2	-44.2	47.71	-	-	74	-26.29	311	165	V

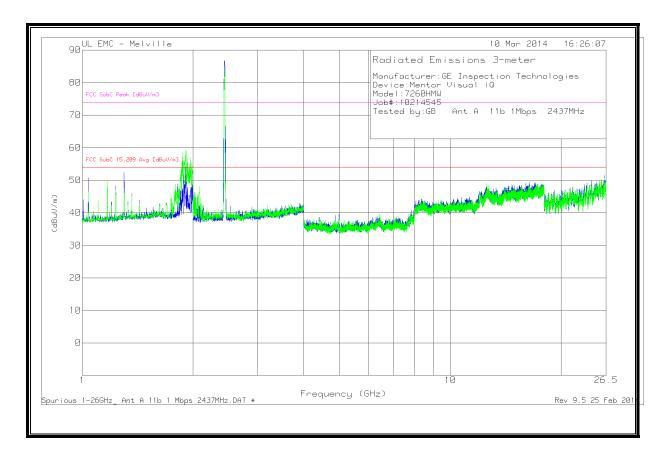
^{* -} indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Av - average detection

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL CHAIN A



DATA

Frequency	Meter	Det	AF	Gain/Loss	Corrected	FCC SubC	Margin	FCC SubC	PK	Azimuth	Height	Polarity
(GHz)	Reading		[dB/m]	(dB)	Reading	15.209	(dB)	Peak	Margin	(Degs)	(cm)	
	(dBuV)				(dBuV/m)	Avg		[dBuV/m]	(dB)			
						[dBuV/m]						
* 1.04	55.16	MAv1	24.2	-44.6	34.76	54	-19.24	-	-	300	126	Н
* 1.234	55.43	MAv1	25	-44.59	35.84	54	-18.16	-	-	304	110	Н
* 1.3	61.83	MAv1	25.1	-44.75	42.18	54	-11.82	-	-	324	181	Н
* 1.365	60.74	MAv1	25	-44.21	41.53	54	-12.47	-	-	319	175	Н
* 1.124	51.3	MAv1	24.7	-44.54	31.46	54	-22.54	-	-	129	339	Н
* 1.04	55.12	MAv1	23.9	-44.59	34.43	54	-19.57	-	-	0	115	V
* 1.17	57.09	MAv1	24.9	-44.97	37.02	54	-16.98	-	-	0	195	V
* 1.235	58.05	MAv1	25.2	-44.66	38.59	54	-15.41	-	-	21	137	V
* 1.3	58.61	MAv1	25.4	-44.75	39.26	54	-14.74	-	-	15	124	V
* 1.365	58.52	MAv1	25.2	-44.2	39.52	54	-14.48	-	-	311	165	V
* 1.203	57.52	PK2	25	-44.64	37.88	-	-	74	-36.12	230	205	Н
* 1.04	69.73	PK2	24.2	-44.59	49.34	-	-	74	-24.66	300	126	Н
* 1.234	67.22	PK2	25	-44.58	47.64	-	-	74	-26.36	304	110	Н
* 1.3	71.43	PK2	25.1	-44.74	51.79	-	-	74	-22.21	324	181	Н
* 1.365	70.88	PK2	25	-44.2	51.68	-	-	74	-22.32	319	175	Н
* 1.124	63.61	PK2	24.7	-44.54	43.77	-	-	74	-30.23	129	339	Н
* 1.04	68.58	PK2	23.9	-44.6	47.88	-	-	74	-26.12	0	115	٧
* 1.17	68.68	PK2	25	-44.97	48.71	-	-	74	-25.29	0	195	V
* 1.235	69.8	PK2	25.2	-44.65	50.35	-	-	74	-23.65	21	137	V
* 1.3	69.51	PK2	25.4	-44.75	50.16	-	-	74	-23.84	15	124	V
* 1.365	66.71	PK2	25.2	-44.2	47.71	-	-	74	-26.29	311	165	V

Note: No spurious emissions observed beyond the fundamental frequency

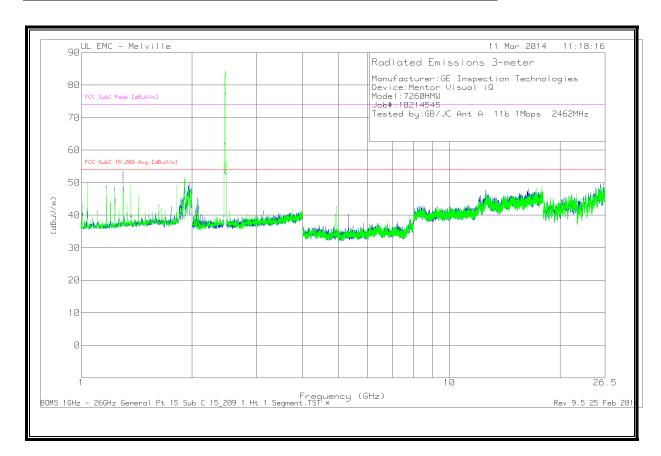
Av - average detection

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

^{* -} indicates frequency in CFR15.205/IC7.2.2 Restricted Band

HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL CHAIN A



DATE: 2014-08-13

DATA

Frequency	Meter	Det	AF	Gain/Loss	Corrected	FCC SubC	Margin	FCC SubC	PK	Azimuth	Height	Polarity
(GHz)	Reading		[dB/m]	(dB)	Reading	15.209	(dB)	Peak	Margin	(Degs)	(cm)	
	(dBuV)				(dBuV/m)	Avg		[dBuV/m]	(dB)			
						[dBuV/m]						
* 1.04	55.16	MAv1	24.2	-44.6	34.76	54	-19.24	-	-	300	126	Н
* 1.234	55.43	MAv1	25	-44.59	35.84	54	-18.16	-	-	304	110	Н
* 1.3	61.83	MAv1	25.1	-44.75	42.18	54	-11.82	-	-	324	181	Н
* 1.365	60.74	MAv1	25	-44.21	41.53	54	-12.47	-	-	319	175	Н
* 1.124	51.3	MAv1	24.7	-44.54	31.46	54	-22.54	-	-	129	339	Н
* 1.04	55.12	MAv1	23.9	-44.59	34.43	54	-19.57	-	-	0	115	V
* 1.17	57.09	MAv1	24.9	-44.97	37.02	54	-16.98	-	-	0	195	V
* 1.235	58.05	MAv1	25.2	-44.66	38.59	54	-15.41	-	-	21	137	V
* 1.3	58.61	MAv1	25.4	-44.75	39.26	54	-14.74	-	-	15	124	V
* 1.365	58.52	MAv1	25.2	-44.2	39.52	54	-14.48	-	-	311	165	V
* 1.203	57.52	PK2	25	-44.64	37.88	-	-	74	-36.12	230	205	Н
* 1.04	69.73	PK2	24.2	-44.59	49.34	-	-	74	-24.66	300	126	Н
* 1.234	67.22	PK2	25	-44.58	47.64	-	-	74	-26.36	304	110	Н
* 1.3	71.43	PK2	25.1	-44.74	51.79	-	-	74	-22.21	324	181	Н
* 1.365	70.88	PK2	25	-44.2	51.68	-	-	74	-22.32	319	175	Н
* 1.124	63.61	PK2	24.7	-44.54	43.77	-	-	74	-30.23	129	339	Н
* 1.04	68.58	PK2	23.9	-44.6	47.88	-	-	74	-26.12	0	115	٧
* 1.17	68.68	PK2	25	-44.97	48.71	-	-	74	-25.29	0	195	V
* 1.235	69.8	PK2	25.2	-44.65	50.35	-	-	74	-23.65	21	137	V
* 1.3	69.51	PK2	25.4	-44.75	50.16	-	-	74	-23.84	15	124	V
* 1.365	66.71	PK2	25.2	-44.2	47.71	-	-	74	-26.29	311	165	V

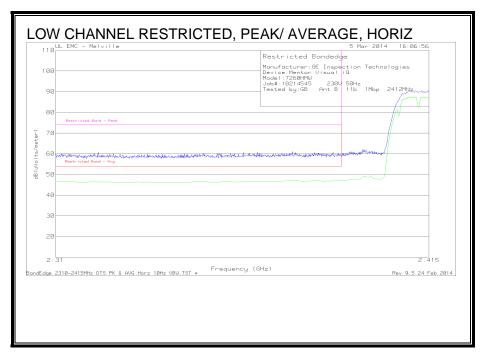
Frequency (GHz)	Meter Reading (dBuV)	Det	AF- 48106 [dB/m]	Gain/Loss (dB)	Corrected Reading (dBuV/m)	FCC SubC 15.209 Avg [dBuV/m]	Margin (dB)	FCC SubC Peak [dBuV/m]	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.924	62.88	MAv1	27.2	-52.18	37.9	54	-16.1	-	-	0	115	Н
* 4.924	59.91	MAv1	27.2	-52.18	34.93	54	-19.07	-	-	22	227	V
* 4.924	67.95	PK2	27.2	-52.18	42.97	-	-	74	-31.03	0	115	Н
* 4.924	66.1	PK2	27.2	-52.18	41.12	-	-	74	-32.88	22	227	V

Note: No additional spurious emissions observed in restricted bands

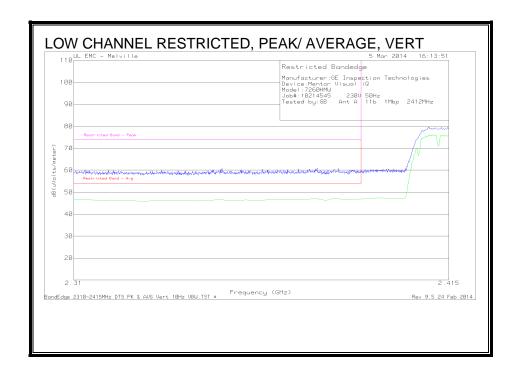
MAv1 - KDB558074 Option 1 Maximum RMS Average

^{* -} indicates frequency in CFR15.205/IC7.2.2 Restricted Band PK2 - KDB558074 Method: Maximum Peak

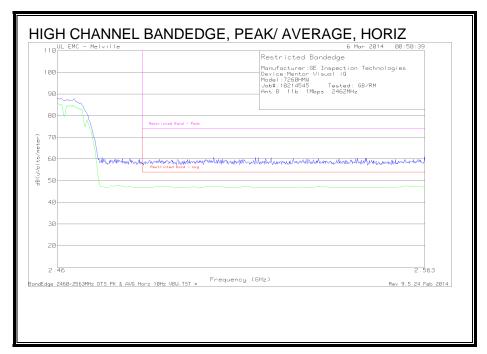
RESTRICTED BANDEDGE (LOW CHANNEL CHAIN B)



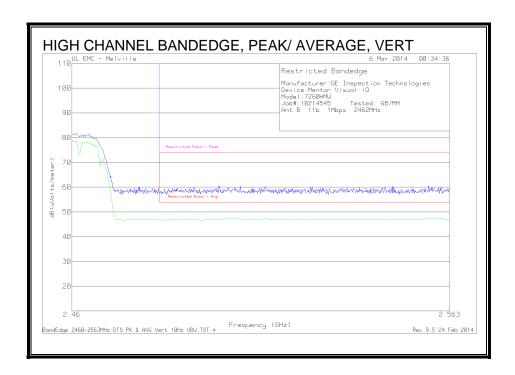
DATE: 2014-08-13



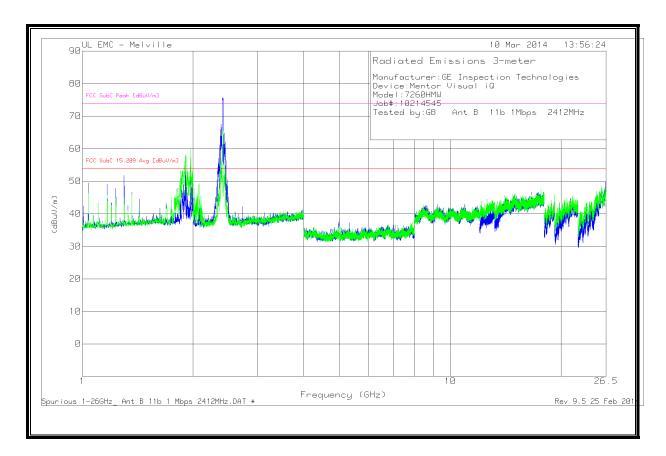
AUTHORIZED BANDEDGE (HIGH CHANNEL CHAIN B)



DATE: 2014-08-13



HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL CHAIN B



DATA

Frequency	Meter	Det	AF	Gain/Loss	Corrected	FCC SubC 15.209	Margin	FCC SubC Peak	PK	Azimuth	Height	Polarity
(GHz)	Reading (dBuV)		[dB/m]	(dB)	Reading (dBuV/m)	15.209 Avg	(dB)	[dBuV/m]	Margin (dB)	(Degs)	(cm)	
	(ubuv)				(ubuv/iii)	[dBuV/m]		[ubuv/iii]	(ub)			
* 1.04	55.16	MAv1	24.2	-44.6	34.76	54	-19.24	-	-	300	126	Н
* 1.234	55.43	MAv1	25	-44.59	35.84	54	-18.16	-	_	304	110	Н
* 1.3	61.83	MAv1	25.1	-44.75	42.18	54	-11.82	-	-	324	181	Н
* 1.365	60.74	MAv1	25	-44.21	41.53	54	-12.47	-	-	319	175	Н
* 1.124	51.3	MAv1	24.7	-44.54	31.46	54	-22.54	-	-	129	339	Н
* 1.04	55.12	MAv1	23.9	-44.59	34.43	54	-19.57	-	-	0	115	V
* 1.17	57.09	MAv1	24.9	-44.97	37.02	54	-16.98	-	-	0	195	V
* 1.235	58.05	MAv1	25.2	-44.66	38.59	54	-15.41	-	-	21	137	V
* 1.3	58.61	MAv1	25.4	-44.75	39.26	54	-14.74	-	-	15	124	V
* 1.365	58.52	MAv1	25.2	-44.2	39.52	54	-14.48	-	-	311	165	V
* 1.203	57.52	PK2	25	-44.64	37.88	-	-	74	-36.12	230	205	Н
* 1.04	69.73	PK2	24.2	-44.59	49.34	-	-	74	-24.66	300	126	Н
* 1.234	67.22	PK2	25	-44.58	47.64	-	-	74	-26.36	304	110	Н
* 1.3	71.43	PK2	25.1	-44.74	51.79	-	-	74	-22.21	324	181	Н
* 1.365	70.88	PK2	25	-44.2	51.68	-	-	74	-22.32	319	175	Н
* 1.124	63.61	PK2	24.7	-44.54	43.77	-	-	74	-30.23	129	339	Н
* 1.04	68.58	PK2	23.9	-44.6	47.88	-	-	74	-26.12	0	115	V
* 1.17	68.68	PK2	25	-44.97	48.71	-	-	74	-25.29	0	195	V
* 1.235	69.8	PK2	25.2	-44.65	50.35	-	-	74	-23.65	21	137	V
* 1.3	69.51	PK2	25.4	-44.75	50.16	1	-	74	-23.84	15	124	V
* 1.365	66.71	PK2	25.2	-44.2	47.71	-	-	74	-26.29	311	165	V

Note: No spurious emissions observed beyond the fundamental frequency

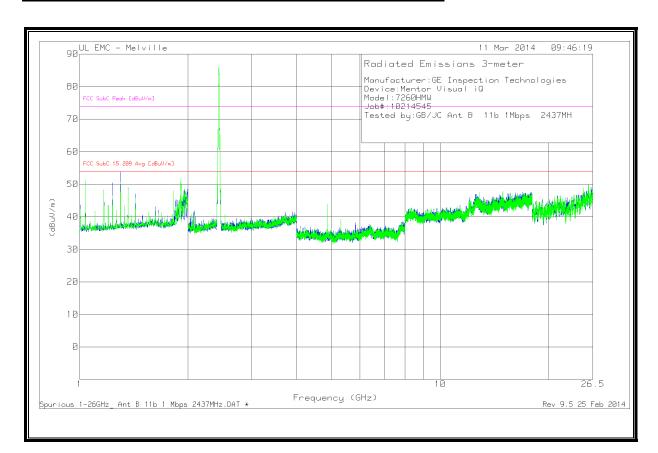
Av - average detection

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

^{* -} indicates frequency in CFR15.205/IC7.2.2 Restricted Band

HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL CHAIN B



DATE: 2014-08-13

DATA

Frequency (GHz)	Meter Reading	Det	AF [dB/m]	Gain/Loss	Corrected	FCC SubC 15.209	Margin (dB)	FCC SubC Peak	PK	Azimuth	Height	Polarity
(GHZ)	(dBuV)		[ub/iii]	(dB)	Reading (dBuV/m)	15.209 Avg	(ub)	[dBuV/m]	Margin (dB)	(Degs)	(cm)	
	(ubuv)				(abav/iii)	[dBuV/m]		[ubuv/iii]	(ub)			
* 1.04	55.16	MAv1	24.2	-44.6	34.76	54	-19.24	-	-	300	126	Н
* 1.234	55.43	MAv1	25	-44.59	35.84	54	-18.16	-	-	304	110	Н
* 1.3	61.83	MAv1	25.1	-44.75	42.18	54	-11.82	-	-	324	181	Н
* 1.365	60.74	MAv1	25	-44.21	41.53	54	-12.47	-	-	319	175	Н
* 1.124	51.3	MAv1	24.7	-44.54	31.46	54	-22.54	-	-	129	339	Н
* 1.04	55.12	MAv1	23.9	-44.59	34.43	54	-19.57	-	-	0	115	V
* 1.17	57.09	MAv1	24.9	-44.97	37.02	54	-16.98	-	-	0	195	V
* 1.235	58.05	MAv1	25.2	-44.66	38.59	54	-15.41	-	-	21	137	V
* 1.3	58.61	MAv1	25.4	-44.75	39.26	54	-14.74	-	-	15	124	V
* 1.365	58.52	MAv1	25.2	-44.2	39.52	54	-14.48	-	-	311	165	V
* 1.203	57.52	PK2	25	-44.64	37.88	-	-	74	-36.12	230	205	Н
* 1.04	69.73	PK2	24.2	-44.59	49.34	-	-	74	-24.66	300	126	Н
* 1.234	67.22	PK2	25	-44.58	47.64	-	-	74	-26.36	304	110	Н
* 1.3	71.43	PK2	25.1	-44.74	51.79	-	-	74	-22.21	324	181	Н
* 1.365	70.88	PK2	25	-44.2	51.68	-	-	74	-22.32	319	175	Н
* 1.124	63.61	PK2	24.7	-44.54	43.77	-	-	74	-30.23	129	339	H
* 1.04	68.58	PK2	23.9	-44.6	47.88	-	-	74	-26.12	0	115	٧
* 1.17	68.68	PK2	25	-44.97	48.71	-	-	74	-25.29	0	195	٧
* 1.235	69.8	PK2	25.2	-44.65	50.35	-	-	74	-23.65	21	137	V
* 1.3	69.51	PK2	25.4	-44.75	50.16	-	-	74	-23.84	15	124	٧
* 1.365	66.71	PK2	25.2	-44.2	47.71	-	-	74	-26.29	311	165	V

Frequency (GHz)	Meter Reading (dBuV)	Det	AF- 48106 [dB/m]	Gain/Loss (dB)	Corrected Reading (dBuV/m)	FCC SubC 15.209 Avg [dBuV/m]	Margin (dB)	FCC SubC Peak [dBuV/m]	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4.874	64.71	PK2	27.2	-52.12	39.79	ı	1	74	-34.21	355	269	V
4.874	56.94	MAv1	27.2	-52.12	32.02	54	-21.98	74	-41.98	355	269	V
4.874	66.36	PK2	27.2	-52.12	41.44	1	-	74	-32.56	355	169	Н
4.874	59.87	MAv1	27.2	-52.12	34.95	54	-19.05	74	-39.05	355	169	Н

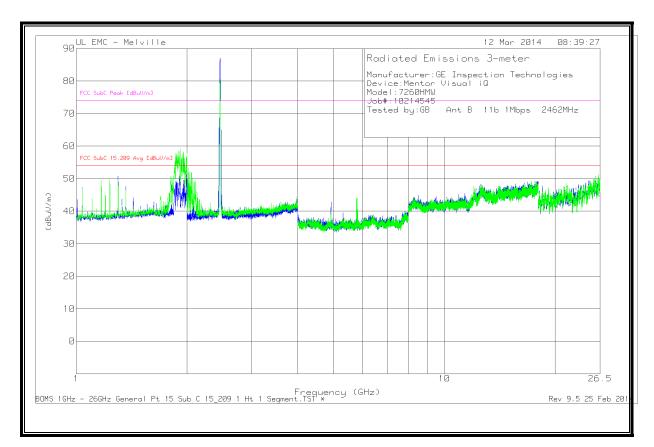
Note: No additional spurious emissions observed in restricted bands

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

^{* -} indicates frequency in CFR15.205/IC7.2.2 Restricted Band

HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL CHAIN B



DATE: 2014-08-13

DATA

Frequency (GHz)	Meter Reading (dBuV)	Det	AF [dB/m]	Gain/Loss (dB)	Corrected Reading (dBuV/m)	FCC SubC 15.209 Avg [dBuV/m]	Margin (dB)	FCC SubC Peak [dBuV/m]	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.04	55.16	MAv1	24.2	-44.6	34.76	54	-19.24	-	-	300	126	Н
* 1.234	55.43	MAv1	25	-44.59	35.84	54	-18.16	-	-	304	110	Н
* 1.3	61.83	MAv1	25.1	-44.75	42.18	54	-11.82	-	-	324	181	Н
* 1.365	60.74	MAv1	25	-44.21	41.53	54	-12.47	-	-	319	175	Н
* 1.124	51.3	MAv1	24.7	-44.54	31.46	54	-22.54	-	-	129	339	Н
* 1.04	55.12	MAv1	23.9	-44.59	34.43	54	-19.57	-	-	0	115	V
* 1.17	57.09	MAv1	24.9	-44.97	37.02	54	-16.98	-	-	0	195	V
* 1.235	58.05	MAv1	25.2	-44.66	38.59	54	-15.41	-	-	21	137	V
* 1.3	58.61	MAv1	25.4	-44.75	39.26	54	-14.74	-	-	15	124	٧
* 1.365	58.52	MAv1	25.2	-44.2	39.52	54	-14.48	-	-	311	165	٧
* 1.203	57.52	PK2	25	-44.64	37.88	1	-	74	-36.12	230	205	Η
* 1.04	69.73	PK2	24.2	-44.59	49.34	ı	1	74	-24.66	300	126	Н
* 1.234	67.22	PK2	25	-44.58	47.64	ı	-	74	-26.36	304	110	H
* 1.3	71.43	PK2	25.1	-44.74	51.79	1	-	74	-22.21	324	181	Η
* 1.365	70.88	PK2	25	-44.2	51.68	-	-	74	-22.32	319	175	Н
* 1.124	63.61	PK2	24.7	-44.54	43.77	-	-	74	-30.23	129	339	Н
* 1.04	68.58	PK2	23.9	-44.6	47.88	-	-	74	-26.12	0	115	V
* 1.17	68.68	PK2	25	-44.97	48.71	-	-	74	-25.29	0	195	V
* 1.235	69.8	PK2	25.2	-44.65	50.35	-	-	74	-23.65	21	137	V
* 1.3	69.51	PK2	25.4	-44.75	50.16	1	-	74	-23.84	15	124	V
* 1.365	66.71	PK2	25.2	-44.2	47.71	-	-	74	-26.29	311	165	V

Frequency (GHz)	Meter Reading (dBuV)	Det	AF- 48106 [dB/ m]	Gain/Los s (dB)	Corrected Reading (dBuV/m)	FCC SubC 15.209 Avg [dBuV/m]	Margi n (dB)	FCC SubC Peak [dBuV/m]	PK Margin (dB)	Azimut h (Degs)	Heigh t (cm)	Polarity
5.785	45.54	Av	27.6	-51.52	21.62	54	-32.38	-	-	302	176	V
5.822	45.03	Av	27.6	-51.33	21.3	54	-32.7	-	-	6	351	٧
4.924	60.75	MAv1	27.2	-52.18	35.77	54	-18.23	-	-	343	100	V
4.924	65.65	MAv1	27.2	-52.18	40.67	54	-13.33	-	-	311	105	Н
4.924	66.55	PK2	27.2	-52.18	41.57	54	-12.43	74	-32.43	343	100	V
4.924	69.36	PK2	27.2	-52.18	44.38	54	-9.62	74	-29.62	311	105	Н

Note: No additional spurious emissions observed in restricted bands

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

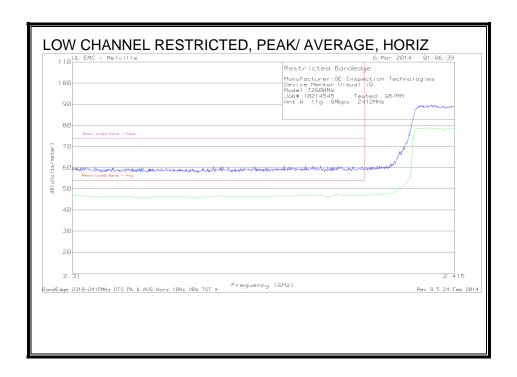
^{* -} indicates frequency in CFR15.205/IC7.2.2 Restricted Band

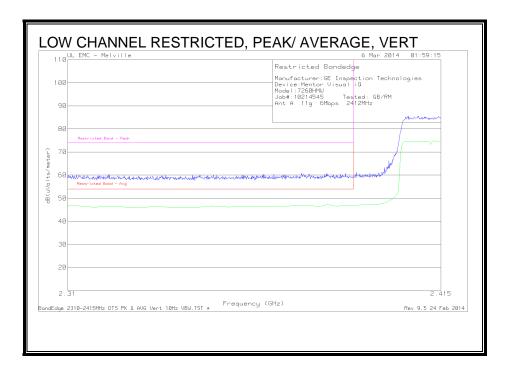
$8.2.2.\,\mathrm{TX}$ ABOVE 1 GHz $802.11\mathrm{g}$ MODE IN THE $2.4\,\mathrm{GHz}$ BAND

DATE: 2014-08-13

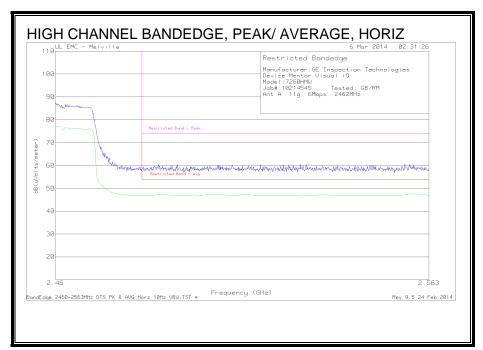
IC: 11929A-7260H

RESTRICTED BANDEDGE (LOW CHANNEL CHAIN A)

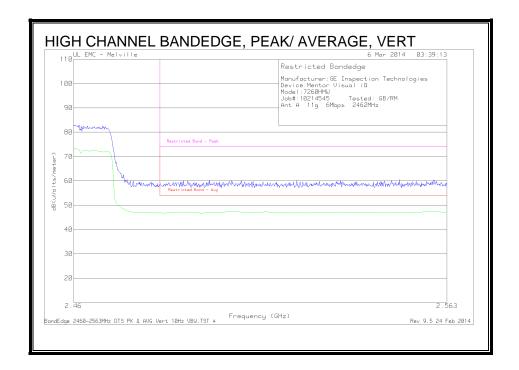




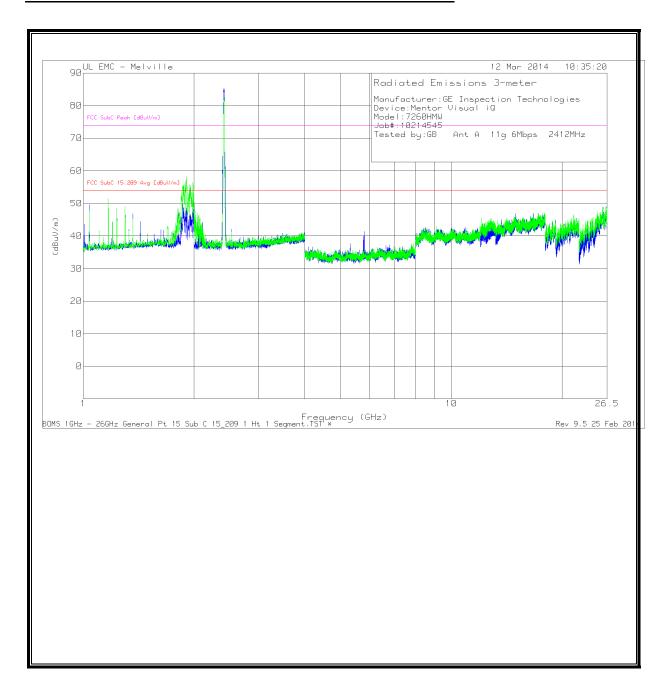
AUTHORIZED BANDEDGE (HIGH CHANNEL CHAIN A)



DATE: 2014-08-13



HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL CHAIN A



DATE: 2014-08-13

DATA

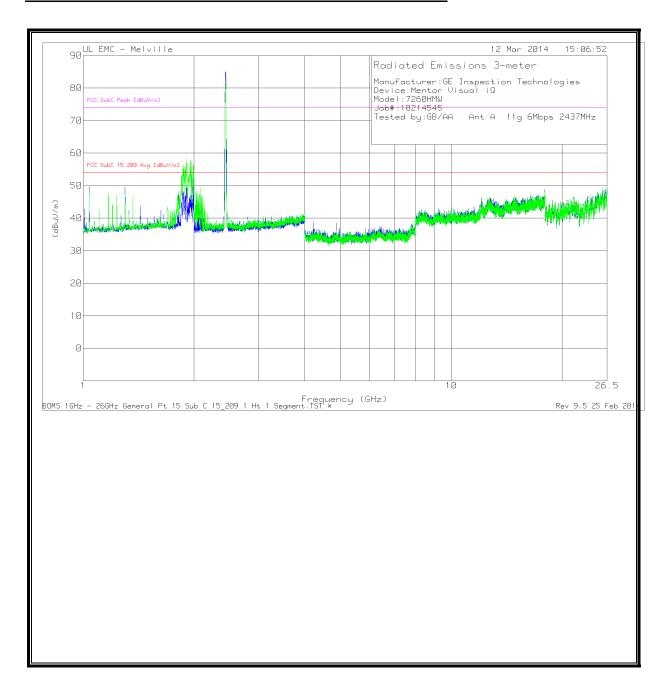
Frequency (GHz)	Meter Reading	Det	AF [dB/m]	Gain/Loss (dB)	Corrected Reading	FCC SubC 15.209	Margin (dB)	FCC SubC Peak	PK Margin	Azimuth (Degs)	Height (cm)	Polarity
	(dBuV)				(dBuV/m)	Avg		[dBuV/m]	(dB)			
						[dBuV/m]						
* 1.04	55.16	MAv1	24.2	-44.6	34.76	54	-19.24	-	-	300	126	Н
* 1.234	55.43	MAv1	25	-44.59	35.84	54	-18.16	-	-	304	110	Н
* 1.3	61.83	MAv1	25.1	-44.75	42.18	54	-11.82	-	-	324	181	Н
* 1.365	60.74	MAv1	25	-44.21	41.53	54	-12.47	-	-	319	175	Н
* 1.124	51.3	MAv1	24.7	-44.54	31.46	54	-22.54	-	-	129	339	Н
* 1.04	55.12	MAv1	23.9	-44.59	34.43	54	-19.57	-	-	0	115	V
* 1.17	57.09	MAv1	24.9	-44.97	37.02	54	-16.98	-	-	0	195	V
* 1.235	58.05	MAv1	25.2	-44.66	38.59	54	-15.41	-	-	21	137	V
* 1.3	58.61	MAv1	25.4	-44.75	39.26	54	-14.74	-	-	15	124	V
* 1.365	58.52	MAv1	25.2	-44.2	39.52	54	-14.48	-	-	311	165	V
* 1.203	57.52	PK2	25	-44.64	37.88	-	-	74	-36.12	230	205	Н
* 1.04	69.73	PK2	24.2	-44.59	49.34	-	-	74	-24.66	300	126	Н
* 1.234	67.22	PK2	25	-44.58	47.64	-	-	74	-26.36	304	110	Н
* 1.3	71.43	PK2	25.1	-44.74	51.79	-	-	74	-22.21	324	181	Н
* 1.365	70.88	PK2	25	-44.2	51.68	-	-	74	-22.32	319	175	Н
* 1.124	63.61	PK2	24.7	-44.54	43.77	-	-	74	-30.23	129	339	Н
* 1.04	68.58	PK2	23.9	-44.6	47.88	-	-	74	-26.12	0	115	V
* 1.17	68.68	PK2	25	-44.97	48.71	-	-	74	-25.29	0	195	V
* 1.235	69.8	PK2	25.2	-44.65	50.35	-	-	74	-23.65	21	137	V
* 1.3	69.51	PK2	25.4	-44.75	50.16	-	-	74	-23.84	15	124	V
* 1.365	66.71	PK2	25.2	-44.2	47.71	-	-	74	-26.29	311	165	V

Note: No additional spurious emissions observed in restricted bands

MAv1 - KDB558074 Option 1 Maximum RMS Average

^{* -} indicates frequency in CFR15.205/IC7.2.2 Restricted Band PK2 - KDB558074 Method: Maximum Peak

HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL CHAIN A



DATE: 2014-08-13

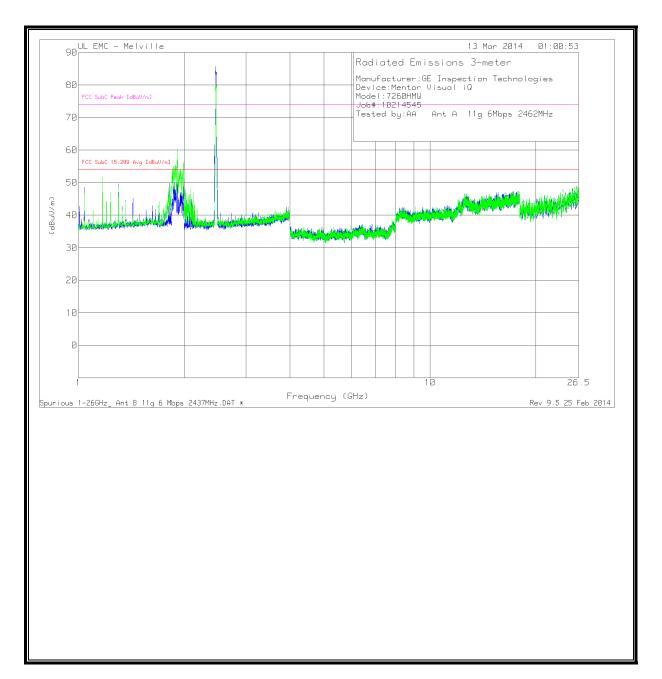
DATA

Frequency (GHz)	Meter Reading	Det	AF [dB/m]	Gain/Loss (dB)	Corrected Reading	FCC SubC 15.209	Margin (dB)	FCC SubC Peak	PK Margin	Azimuth (Degs)	Height (cm)	Polarity
	(dBuV)			, ,	(dBuV/m)	Avg	, ,	[dBuV/m]	(dB)	, , ,	, ,	
						[dBuV/m]						
* 1.04	55.16	MAv1	24.2	-44.6	34.76	54	-19.24	-	-	300	126	Н
* 1.234	55.43	MAv1	25	-44.59	35.84	54	-18.16	-	1	304	110	Н
* 1.3	61.83	MAv1	25.1	-44.75	42.18	54	-11.82	-	1	324	181	Η
* 1.365	60.74	MAv1	25	-44.21	41.53	54	-12.47	-	ı	319	175	Н
* 1.124	51.3	MAv1	24.7	-44.54	31.46	54	-22.54	-	ı	129	339	Н
* 1.04	55.12	MAv1	23.9	-44.59	34.43	54	-19.57	-	ı	0	115	V
* 1.17	57.09	MAv1	24.9	-44.97	37.02	54	-16.98	-	-	0	195	V
* 1.235	58.05	MAv1	25.2	-44.66	38.59	54	-15.41	-	1	21	137	V
* 1.3	58.61	MAv1	25.4	-44.75	39.26	54	-14.74	-	1	15	124	V
* 1.365	58.52	MAv1	25.2	-44.2	39.52	54	-14.48	-	ı	311	165	V
* 1.203	57.52	PK2	25	-44.64	37.88	-	-	74	-36.12	230	205	Η
* 1.04	69.73	PK2	24.2	-44.59	49.34	-	-	74	-24.66	300	126	Н
* 1.234	67.22	PK2	25	-44.58	47.64	-	-	74	-26.36	304	110	H
* 1.3	71.43	PK2	25.1	-44.74	51.79	-	-	74	-22.21	324	181	Η
* 1.365	70.88	PK2	25	-44.2	51.68	-	-	74	-22.32	319	175	Н
* 1.124	63.61	PK2	24.7	-44.54	43.77	-	-	74	-30.23	129	339	Η
* 1.04	68.58	PK2	23.9	-44.6	47.88	-	-	74	-26.12	0	115	V
* 1.17	68.68	PK2	25	-44.97	48.71	-	-	74	-25.29	0	195	V
* 1.235	69.8	PK2	25.2	-44.65	50.35	-	-	74	-23.65	21	137	V
* 1.3	69.51	PK2	25.4	-44.75	50.16	-	-	74	-23.84	15	124	V
* 1.365	66.71	PK2	25.2	-44.2	47.71	-	-	74	-26.29	311	165	V

Note: No additional spurious emissions observed in restricted bands

^{* -} indicates frequency in CFR15.205/IC7.2.2 Restricted Band PK2 - KDB558074 Method: Maximum Peak

HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL CHAIN A



DATE: 2014-08-13

DATA

Frequency	Meter	Det	AF	Gain/Loss	Corrected	FCC SubC	Margin	FCC SubC	PK	Azimuth	Height	Polarity
(GHz)	Reading (dBuV)		[dB/m]	(dB)	Reading (dBuV/m)	15.209	(dB)	Peak [dBuV/m]	Margin (dB)	(Degs)	(cm)	
	(ubuv)				(ubuv/iii)	Avg [dBuV/m]		[uBuv/iii]	(ub)			
* 1.04	55.16	MAv1	24.2	-44.6	34.76	54	-19.24	-	-	300	126	Н
* 1.234	55.43	MAv1	25	-44.59	35.84	54	-18.16	-	-	304	110	H
* 1.3	61.83	MAv1	25.1	-44.75	42.18	54	-11.82	-	-	324	181	Н
* 1.365	60.74	MAv1	25	-44.21	41.53	54	-12.47	-	-	319	175	Н
* 1.124	51.3	MAv1	24.7	-44.54	31.46	54	-22.54	-	-	129	339	Н
* 1.04	55.12	MAv1	23.9	-44.59	34.43	54	-19.57	-	-	0	115	V
* 1.17	57.09	MAv1	24.9	-44.97	37.02	54	-16.98	-	-	0	195	V
* 1.235	58.05	MAv1	25.2	-44.66	38.59	54	-15.41	-	ı	21	137	V
* 1.3	58.61	MAv1	25.4	-44.75	39.26	54	-14.74	-	ı	15	124	V
* 1.365	58.52	MAv1	25.2	-44.2	39.52	54	-14.48	-	-	311	165	V
* 1.203	57.52	PK2	25	-44.64	37.88	-	-	74	-36.12	230	205	Н
* 1.04	69.73	PK2	24.2	-44.59	49.34	-	-	74	-24.66	300	126	Н
* 1.234	67.22	PK2	25	-44.58	47.64	-	-	74	-26.36	304	110	Н
* 1.3	71.43	PK2	25.1	-44.74	51.79	-	-	74	-22.21	324	181	Н
* 1.365	70.88	PK2	25	-44.2	51.68	-	-	74	-22.32	319	175	Н
* 1.124	63.61	PK2	24.7	-44.54	43.77	-	-	74	-30.23	129	339	Н
* 1.04	68.58	PK2	23.9	-44.6	47.88	-	-	74	-26.12	0	115	V
* 1.17	68.68	PK2	25	-44.97	48.71	-	-	74	-25.29	0	195	V
* 1.235	69.8	PK2	25.2	-44.65	50.35	-	-	74	-23.65	21	137	V
* 1.3	69.51	PK2	25.4	-44.75	50.16	-	-	74	-23.84	15	124	V
* 1.365	66.71	PK2	25.2	-44.2	47.71	1	-	74	-26.29	311	165	٧

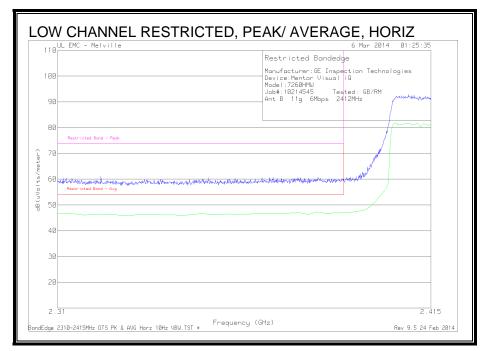
Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF- 48106 [dB/m]	Gain/Loss (dB)	Correcte d Reading (dBuV/ m)	FCC SubC 15.209 Avg [dBuV/m]	Margi n (dB)	FCC SubC Peak [dBuV/m]	PK Margi n (dB)	Azimuth (Degs)	Height (cm)	Polarit Y
* 4.924	53.49	MAv1	27.2	-52.18	28.51	54	-25.49	-	-	358	194	Н
* 4.924	52.24	MAv1	27.2	-52.19	27.25	54	-26.75	-	-	4	130	V
* 4.923	62.77	PK2	27.2	-52.13	37.84	54	-16.16	74	-36.16	358	194	Н
* 4.92	61.91	PK2	27.2	-52.02	37.09	54	-16.91	74	-36.91	4	130	V

Note: No additional spurious emissions observed in restricted bands

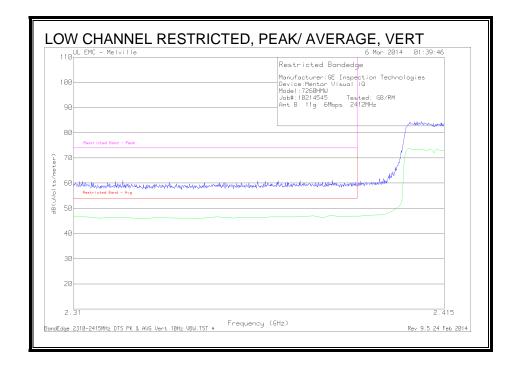
PK2 - KDB558074 Method: Maximum Peak

^{* -} indicates frequency in CFR15.205/IC7.2.2 Restricted Band

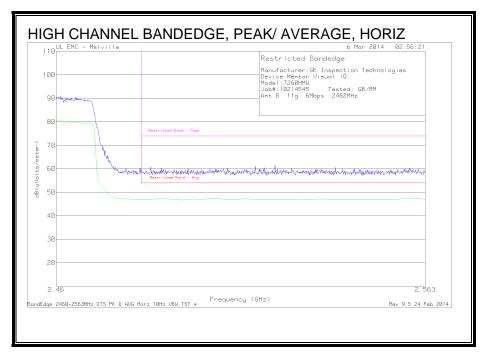
RESTRICTED BANDEDGE (LOW CHANNEL CHAIN B)



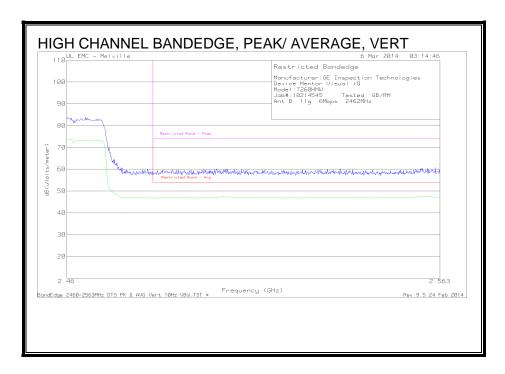
DATE: 2014-08-13



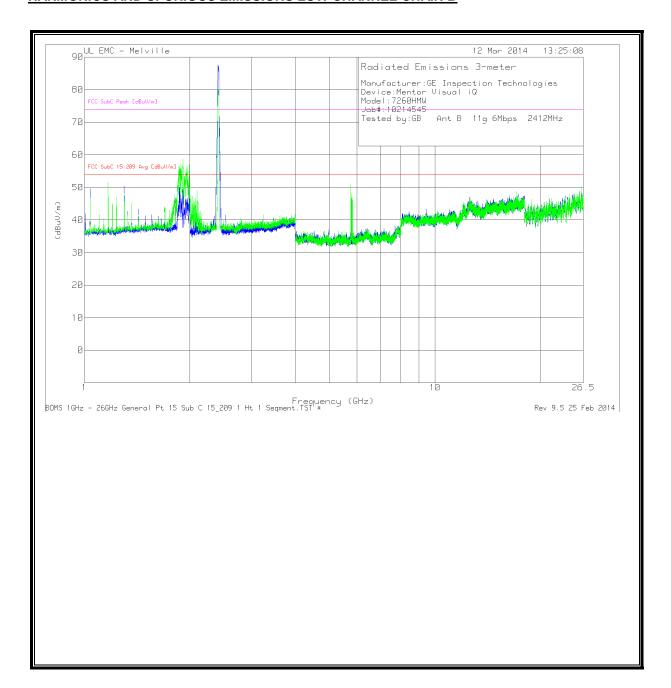
AUTHORIZED BANDEDGE (HIGH CHANNEL CHAIN B)



DATE: 2014-08-13



HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL CHAIN B



DATE: 2014-08-13

DATA

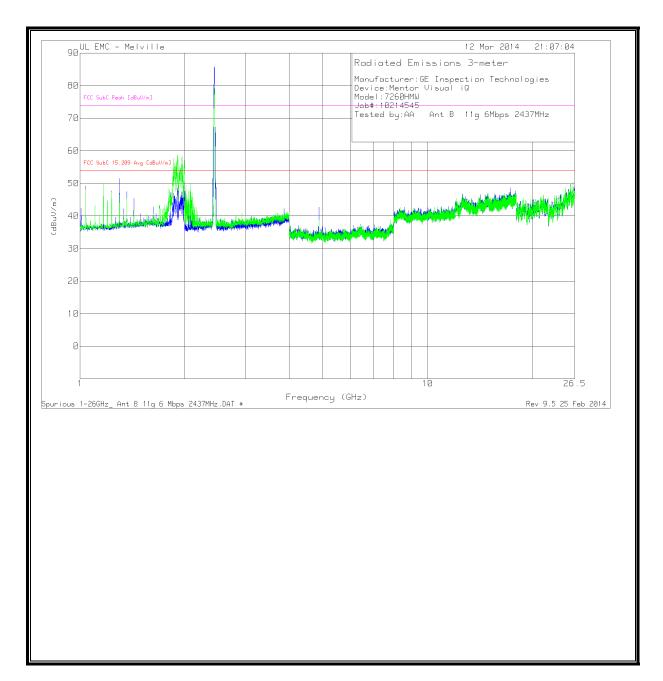
Frequency	Meter	Det	AF	Gain/Loss	Corrected	FCC SubC	Margin	FCC SubC	PK	Azimuth	Height	Polarity
(GHz)	Reading		[dB/m]	(dB)	Reading	15.209	(dB)	Peak	Margin	(Degs)	(cm)	
	(dBuV)				(dBuV/m)	Avg		[dBuV/m]	(dB)			
						[dBuV/m]						
* 1.04	55.16	MAv1	24.2	-44.6	34.76	54	-19.24	-	-	300	126	Н
* 1.234	55.43	MAv1	25	-44.59	35.84	54	-18.16	-	-	304	110	Н
* 1.3	61.83	MAv1	25.1	-44.75	42.18	54	-11.82	-	-	324	181	Н
* 1.365	60.74	MAv1	25	-44.21	41.53	54	-12.47	-	-	319	175	Н
* 1.124	51.3	MAv1	24.7	-44.54	31.46	54	-22.54	-	-	129	339	Н
* 1.04	55.12	MAv1	23.9	-44.59	34.43	54	-19.57	-	-	0	115	V
* 1.17	57.09	MAv1	24.9	-44.97	37.02	54	-16.98	-	-	0	195	٧
* 1.235	58.05	MAv1	25.2	-44.66	38.59	54	-15.41	-	-	21	137	٧
* 1.3	58.61	MAv1	25.4	-44.75	39.26	54	-14.74	-	-	15	124	V
* 1.365	58.52	MAv1	25.2	-44.2	39.52	54	-14.48	-	-	311	165	V
* 1.203	57.52	PK2	25	-44.64	37.88	-	-	74	-36.12	230	205	Н
* 1.04	69.73	PK2	24.2	-44.59	49.34	-	-	74	-24.66	300	126	Н
* 1.234	67.22	PK2	25	-44.58	47.64	-	-	74	-26.36	304	110	Н
* 1.3	71.43	PK2	25.1	-44.74	51.79	-	-	74	-22.21	324	181	Н
* 1.365	70.88	PK2	25	-44.2	51.68	-	-	74	-22.32	319	175	Н
* 1.124	63.61	PK2	24.7	-44.54	43.77	-	-	74	-30.23	129	339	Н
* 1.04	68.58	PK2	23.9	-44.6	47.88	-	-	74	-26.12	0	115	V
* 1.17	68.68	PK2	25	-44.97	48.71	-	-	74	-25.29	0	195	V
* 1.235	69.8	PK2	25.2	-44.65	50.35	-	-	74	-23.65	21	137	V
* 1.3	69.51	PK2	25.4	-44.75	50.16	-	-	74	-23.84	15	124	V
* 1.365	66.71	PK2	25.2	-44.2	47.71	-	-	74	-26.29	311	165	V

Note: No additional spurious emissions observed in restricted bands

PK2 - KDB558074 Method: Maximum Peak MAv1 - KDB558074 Option 1 Maximum RMS Average

^{* -} indicates frequency in CFR15.205/IC7.2.2 Restricted Band

HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL CHAIN B



DATE: 2014-08-13

DATA

Frequency (GHz)	Meter Reading (dBuV)	Det	AF [dB/m]	Gain/Loss (dB)	Corrected Reading (dBuV/m)	FCC SubC 15.209 Avg [dBuV/m]	Margin (dB)	FCC SubC Peak [dBuV/m]	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.04	55.16	MAv1	24.2	-44.6	34.76	54	-19.24	-	-	300	126	Н
* 1.234	55.43	MAv1	25	-44.59	35.84	54	-18.16	-	-	304	110	Н
* 1.3	61.83	MAv1	25.1	-44.75	42.18	54	-11.82	-	-	324	181	Н
* 1.365	60.74	MAv1	25	-44.21	41.53	54	-12.47	-	-	319	175	Н
* 1.124	51.3	MAv1	24.7	-44.54	31.46	54	-22.54	-	-	129	339	Н
* 1.04	55.12	MAv1	23.9	-44.59	34.43	54	-19.57	-	ı	0	115	V
* 1.17	57.09	MAv1	24.9	-44.97	37.02	54	-16.98	-	-	0	195	V
* 1.235	58.05	MAv1	25.2	-44.66	38.59	54	-15.41	-	1	21	137	V
* 1.3	58.61	MAv1	25.4	-44.75	39.26	54	-14.74	-	1	15	124	V
* 1.365	58.52	MAv1	25.2	-44.2	39.52	54	-14.48	-	ı	311	165	V
* 1.203	57.52	PK2	25	-44.64	37.88	ı	-	74	-36.12	230	205	Н
* 1.04	69.73	PK2	24.2	-44.59	49.34	ı	1	74	-24.66	300	126	Н
* 1.234	67.22	PK2	25	-44.58	47.64	ı	-	74	-26.36	304	110	H
* 1.3	71.43	PK2	25.1	-44.74	51.79	ı	-	74	-22.21	324	181	Н
* 1.365	70.88	PK2	25	-44.2	51.68	-	-	74	-22.32	319	175	Н
* 1.124	63.61	PK2	24.7	-44.54	43.77	ı	-	74	-30.23	129	339	Η
* 1.04	68.58	PK2	23.9	-44.6	47.88	ı	1	74	-26.12	0	115	٧
* 1.17	68.68	PK2	25	-44.97	48.71	-	-	74	-25.29	0	195	V
* 1.235	69.8	PK2	25.2	-44.65	50.35	ı	-	74	-23.65	21	137	٧
* 1.3	69.51	PK2	25.4	-44.75	50.16	-	-	74	-23.84	15	124	٧
* 1.365	66.71	PK2	25.2	-44.2	47.71	-	-	74	-26.29	311	165	V

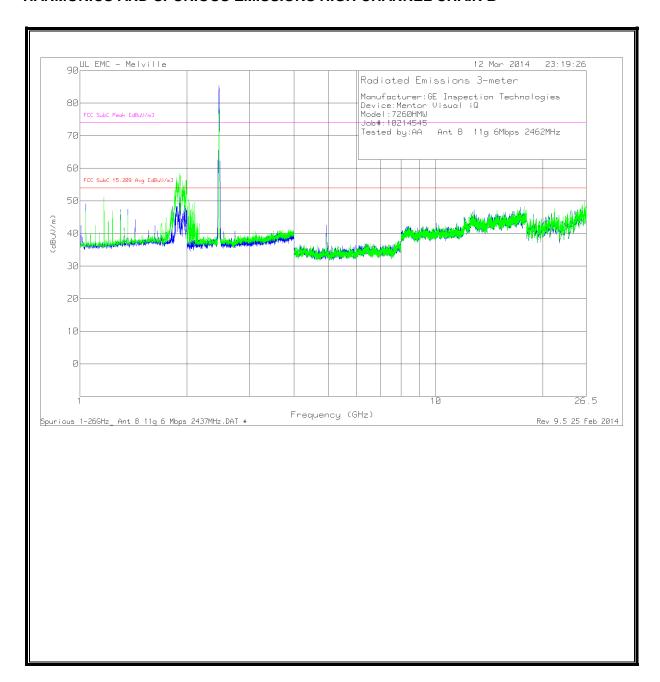
Frequency (GHz)	Meter Reading (dBuV)	Det	AF- 48106 [dB/m]	Gain/Loss (dB)	Corrected Reading (dBuV/m)	FCC SubC 15.209 Avg [dBuV/m]	Margin (dB)	FCC SubC Peak [dBuV/m]	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.874	61.67	MAv1	27.2	-52.12	36.75	54	-17.25	-	-	6	101	V
* 4.874	65.34	MAv1	27.2	-52.12	40.42	54	-13.58	-	-	311	108	Н
* 4.874	67.03	PK2	27.2	-52.12	42.11	-	-	74	-31.89	6	101	V
* 4.874	68.4	PK2	27.2	-52.12	43.48	-	-	74	-30.52	311	108	Н

Note: No additional spurious emissions observed in restricted bands

PK2 - KDB558074 Method: Maximum Peak

^{* -} indicates frequency in CFR15.205/IC7.2.2 Restricted Band

HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL CHAIN B



DATA

Frequency (GHz)	Meter Reading	Det	AF [dB/m]	Gain/Loss (dB)	Corrected Reading	FCC SubC 15.209	Margin (dB)	FCC SubC Peak	PK Margin	Azimuth (Degs)	Height (cm)	Polarity
,	(dBuV)		. , ,	(-)	(dBuV/m)	Avg	(,	[dBuV/m]	(dB)	(301)	(,	
						[dBuV/m]			. ,			
* 1.04	55.16	MAv1	24.2	-44.6	34.76	54	-19.24	-	-	300	126	Н
* 1.234	55.43	MAv1	25	-44.59	35.84	54	-18.16	-	-	304	110	Н
* 1.3	61.83	MAv1	25.1	-44.75	42.18	54	-11.82	-	-	324	181	Н
* 1.365	60.74	MAv1	25	-44.21	41.53	54	-12.47	-	-	319	175	Н
* 1.124	51.3	MAv1	24.7	-44.54	31.46	54	-22.54	-	-	129	339	Н
* 1.04	55.12	MAv1	23.9	-44.59	34.43	54	-19.57	-	-	0	115	V
* 1.17	57.09	MAv1	24.9	-44.97	37.02	54	-16.98	-	-	0	195	V
* 1.235	58.05	MAv1	25.2	-44.66	38.59	54	-15.41	-	-	21	137	V
* 1.3	58.61	MAv1	25.4	-44.75	39.26	54	-14.74	-	-	15	124	V
* 1.365	58.52	MAv1	25.2	-44.2	39.52	54	-14.48	-	-	311	165	V
* 1.203	57.52	PK2	25	-44.64	37.88	-	-	74	-36.12	230	205	Н
* 1.04	69.73	PK2	24.2	-44.59	49.34	-	-	74	-24.66	300	126	Н
* 1.234	67.22	PK2	25	-44.58	47.64	ı	-	74	-26.36	304	110	Н
* 1.3	71.43	PK2	25.1	-44.74	51.79	ı	-	74	-22.21	324	181	Η
* 1.365	70.88	PK2	25	-44.2	51.68	ı	1	74	-22.32	319	175	Н
* 1.124	63.61	PK2	24.7	-44.54	43.77	ı	-	74	-30.23	129	339	Η
* 1.04	68.58	PK2	23.9	-44.6	47.88	-	-	74	-26.12	0	115	V
* 1.17	68.68	PK2	25	-44.97	48.71	-	-	74	-25.29	0	195	V
* 1.235	69.8	PK2	25.2	-44.65	50.35	-	-	74	-23.65	21	137	V
* 1.3	69.51	PK2	25.4	-44.75	50.16	1	-	74	-23.84	15	124	V
* 1.365	66.71	PK2	25.2	-44.2	47.71	-	-	74	-26.29	311	165	V

Frequency (GHz)	Meter Reading (dBuV)	Det	AF- 48106 [dB/m]	Gain/Loss (dB)	Corrected Reading (dBuV/m)	FCC SubC 15.209 Avg [dBuV/m]	Margin (dB)	FCC SubC Peak [dBuV/m]	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.925	55.35	MAv1	27.3	-52.22	30.43	54	-23.57	-	-	336	203	Н
* 4.924	52.8	MAv1	27.2	-52.17	27.83	54	-26.17	-	-	353	117	V
* 4.922	64.93	PK2	27.2	-52.08	40.05	-	-	74	-33.95	336	203	Н
* 4.926	62.69	PK2	27.3	-52.1	37.89	-	-	74	-36.11	353	117	V

Note: No additional spurious emissions observed in restricted bands

PK2 - KDB558074 Method: Maximum Peak

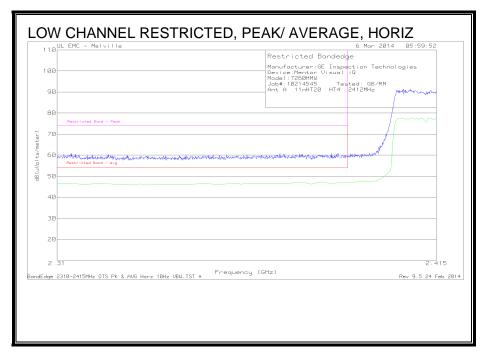
^{* -} indicates frequency in CFR15.205/IC7.2.2 Restricted Band

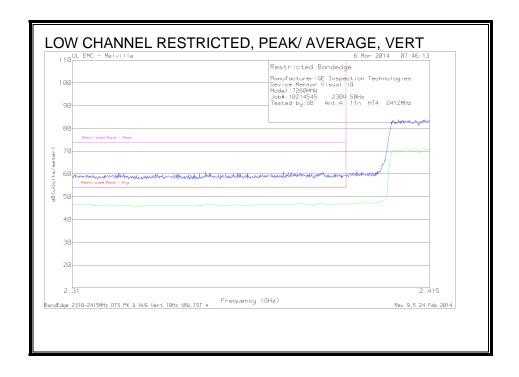
8.2.3. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 2.4 GHz BAND SISO

DATE: 2014-08-13

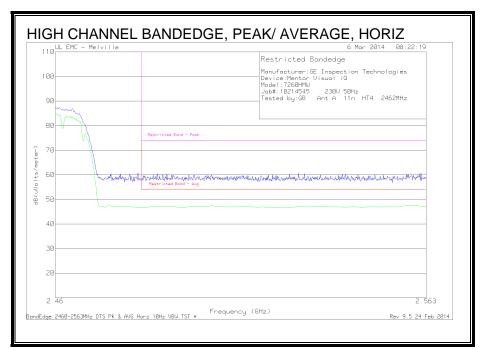
IC: 11929A-7260H

RESTRICTED BANDEDGE (LOW CHANNEL A)

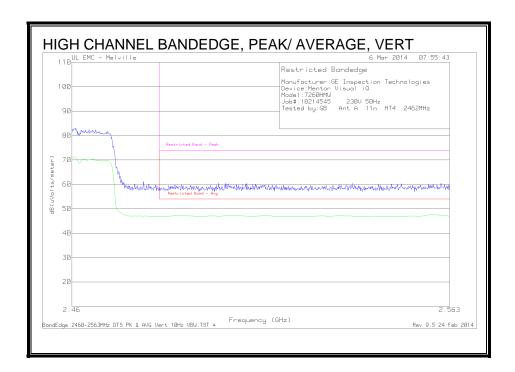




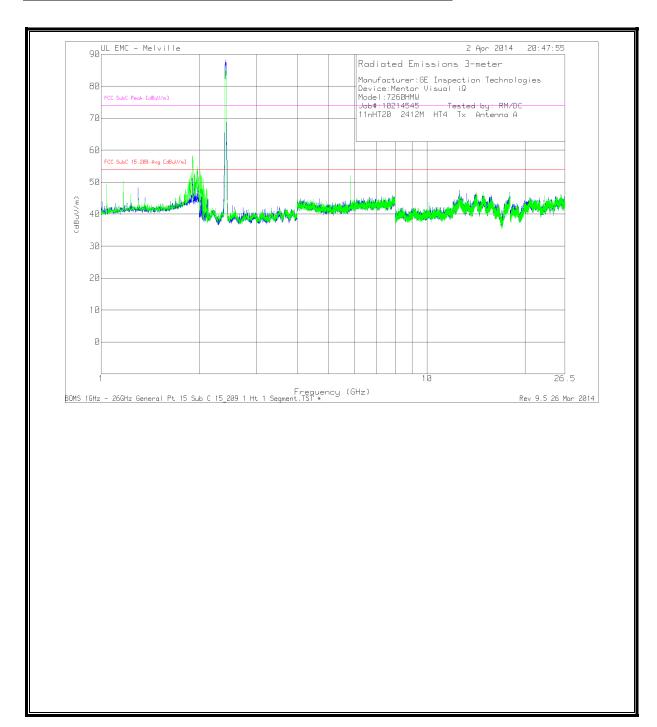
AUTHORIZED BANDEDGE (HIGH CHANNEL A)



DATE: 2014-08-13



HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL CHAIN A



DATE: 2014-08-13

DATA

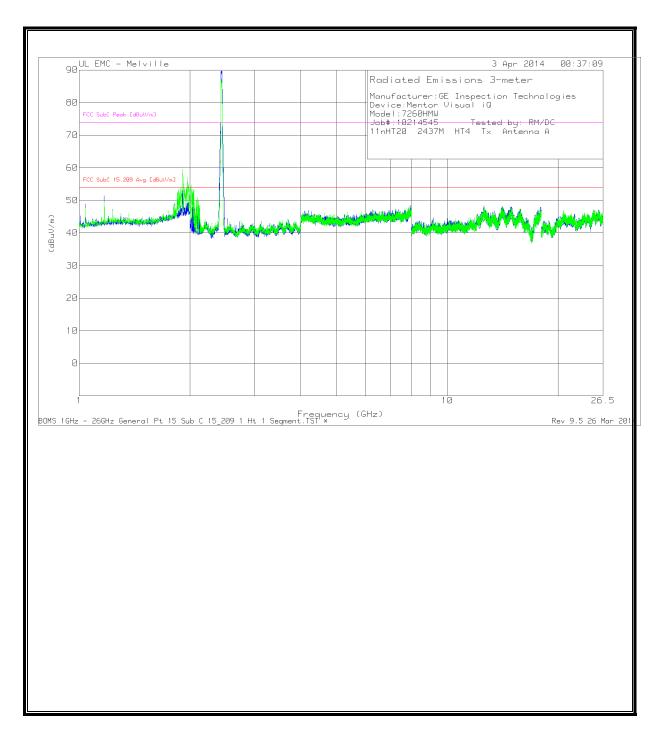
Frequency (GHz)	Meter Reading (dBuV)	Det	AF [dB/m]	Gain/Loss (dB)	Corrected Reading (dBuV/m)	FCC SubC 15.209 Avg [dBuV/m]	Margin (dB)	FCC SubC Peak [dBuV/m]	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.04	55.16	MAv1	24.2	-44.6	34.76	54	-19.24	-	-	300	126	Н
* 1.234	55.43	MAv1	25	-44.59	35.84	54	-18.16	-	-	304	110	Н
* 1.3	61.83	MAv1	25.1	-44.75	42.18	54	-11.82	-	-	324	181	Н
* 1.365	60.74	MAv1	25	-44.21	41.53	54	-12.47	-	-	319	175	Н
* 1.124	51.3	MAv1	24.7	-44.54	31.46	54	-22.54	-	-	129	339	Н
* 1.04	55.12	MAv1	23.9	-44.59	34.43	54	-19.57	-	ı	0	115	V
* 1.17	57.09	MAv1	24.9	-44.97	37.02	54	-16.98	-	-	0	195	V
* 1.235	58.05	MAv1	25.2	-44.66	38.59	54	-15.41	-	1	21	137	V
* 1.3	58.61	MAv1	25.4	-44.75	39.26	54	-14.74	-	1	15	124	V
* 1.365	58.52	MAv1	25.2	-44.2	39.52	54	-14.48	-	ı	311	165	V
* 1.203	57.52	PK2	25	-44.64	37.88	ı	-	74	-36.12	230	205	Н
* 1.04	69.73	PK2	24.2	-44.59	49.34	ı	-	74	-24.66	300	126	Н
* 1.234	67.22	PK2	25	-44.58	47.64	ı	-	74	-26.36	304	110	H
* 1.3	71.43	PK2	25.1	-44.74	51.79	ı	-	74	-22.21	324	181	Η
* 1.365	70.88	PK2	25	-44.2	51.68	-	-	74	-22.32	319	175	Н
* 1.124	63.61	PK2	24.7	-44.54	43.77	ı	-	74	-30.23	129	339	Η
* 1.04	68.58	PK2	23.9	-44.6	47.88	ı	-	74	-26.12	0	115	٧
* 1.17	68.68	PK2	25	-44.97	48.71	-	-	74	-25.29	0	195	V
* 1.235	69.8	PK2	25.2	-44.65	50.35	-	-	74	-23.65	21	137	V
* 1.3	69.51	PK2	25.4	-44.75	50.16	ı	-	74	-23.84	15	124	٧
* 1.365	66.71	PK2	25.2	-44.2	47.71	-	-	74	-26.29	311	165	V

Note: No additional spurious emissions observed in restricted bands

PK2 - KDB558074 Method: Maximum Peak

^{* -} indicates frequency in CFR15.205/IC7.2.2 Restricted Band

HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL CHAIN A



DATE: 2014-08-13

DATA

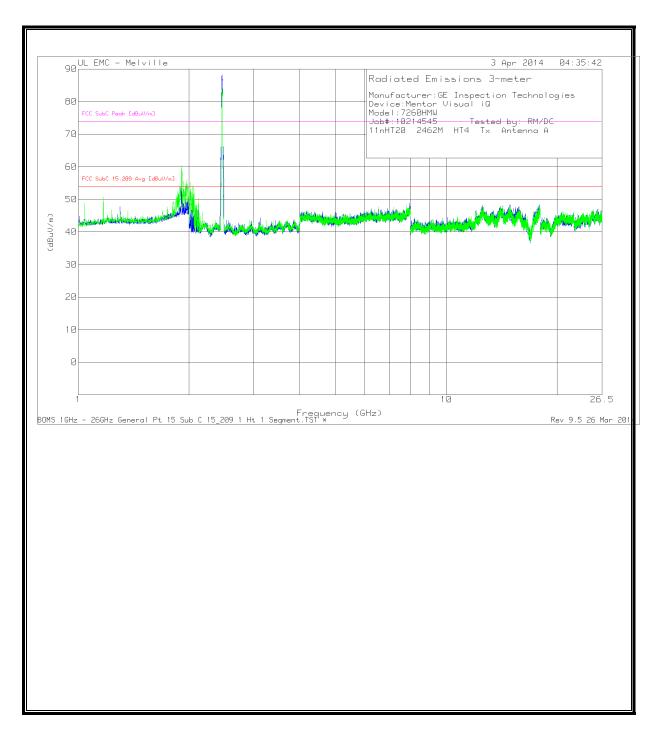
Frequency (GHz)	Meter Reading	Det	AF [dB/m]	Gain/Loss (dB)	Corrected Reading	FCC SubC 15.209	Margin (dB)	FCC SubC Peak	PK Margin	Azimuth (Degs)	Height (cm)	Polarity
	(dBuV)				(dBuV/m)	Avg		[dBuV/m]	(dB)			
						[dBuV/m]						
* 1.04	55.16	MAv1	24.2	-44.6	34.76	54	-19.24	-	-	300	126	Н
* 1.234	55.43	MAv1	25	-44.59	35.84	54	-18.16	-	-	304	110	Н
* 1.3	61.83	MAv1	25.1	-44.75	42.18	54	-11.82	-	-	324	181	Н
* 1.365	60.74	MAv1	25	-44.21	41.53	54	-12.47	-	-	319	175	Н
* 1.124	51.3	MAv1	24.7	-44.54	31.46	54	-22.54	-	-	129	339	Н
* 1.04	55.12	MAv1	23.9	-44.59	34.43	54	-19.57	-	-	0	115	V
* 1.17	57.09	MAv1	24.9	-44.97	37.02	54	-16.98	-	-	0	195	V
* 1.235	58.05	MAv1	25.2	-44.66	38.59	54	-15.41	-	-	21	137	V
* 1.3	58.61	MAv1	25.4	-44.75	39.26	54	-14.74	-	-	15	124	V
* 1.365	58.52	MAv1	25.2	-44.2	39.52	54	-14.48	-	-	311	165	V
* 1.203	57.52	PK2	25	-44.64	37.88	-	-	74	-36.12	230	205	Н
* 1.04	69.73	PK2	24.2	-44.59	49.34	-	-	74	-24.66	300	126	Н
* 1.234	67.22	PK2	25	-44.58	47.64	-	-	74	-26.36	304	110	Н
* 1.3	71.43	PK2	25.1	-44.74	51.79	-	-	74	-22.21	324	181	Н
* 1.365	70.88	PK2	25	-44.2	51.68	-	-	74	-22.32	319	175	Н
* 1.124	63.61	PK2	24.7	-44.54	43.77	-	-	74	-30.23	129	339	Н
* 1.04	68.58	PK2	23.9	-44.6	47.88	-	-	74	-26.12	0	115	V
* 1.17	68.68	PK2	25	-44.97	48.71	-	-	74	-25.29	0	195	V
* 1.235	69.8	PK2	25.2	-44.65	50.35	-	-	74	-23.65	21	137	V
* 1.3	69.51	PK2	25.4	-44.75	50.16	-	-	74	-23.84	15	124	V
* 1.365	66.71	PK2	25.2	-44.2	47.71	-	-	74	-26.29	311	165	V

Note: No additional spurious emissions observed in restricted bands

PK2 - KDB558074 Method: Maximum Peak

^{* -} indicates frequency in CFR15.205/IC7.2.2 Restricted Band

HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL CHAIN A



DATE: 2014-08-13

DATA

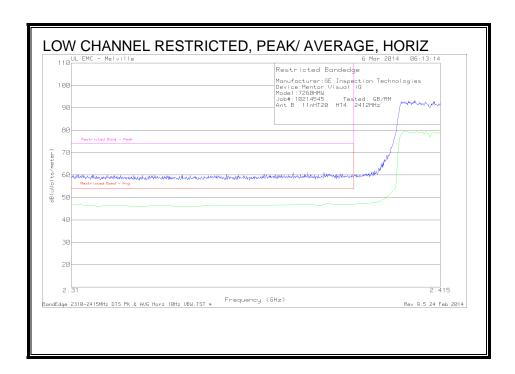
Frequency	Meter	Det	AF	Gain/Loss	Corrected	FCC SubC	Margin	FCC SubC	PK	Azimuth	Height	Polarity
(GHz)	Reading		[dB/m]	(dB)	Reading	15.209	(dB)	Peak	Margin	(Degs)	(cm)	
	(dBuV)				(dBuV/m)	Avg		[dBuV/m]	(dB)			
						[dBuV/m]						
* 1.04	55.16	MAv1	24.2	-44.6	34.76	54	-19.24	-	-	300	126	Н
* 1.234	55.43	MAv1	25	-44.59	35.84	54	-18.16	-	-	304	110	Н
* 1.3	61.83	MAv1	25.1	-44.75	42.18	54	-11.82	-	-	324	181	Н
* 1.365	60.74	MAv1	25	-44.21	41.53	54	-12.47	-	-	319	175	Н
* 1.124	51.3	MAv1	24.7	-44.54	31.46	54	-22.54	-	-	129	339	Н
* 1.04	55.12	MAv1	23.9	-44.59	34.43	54	-19.57	-	-	0	115	V
* 1.17	57.09	MAv1	24.9	-44.97	37.02	54	-16.98	-	-	0	195	V
* 1.235	58.05	MAv1	25.2	-44.66	38.59	54	-15.41	-	-	21	137	V
* 1.3	58.61	MAv1	25.4	-44.75	39.26	54	-14.74	-	-	15	124	V
* 1.365	58.52	MAv1	25.2	-44.2	39.52	54	-14.48	-	-	311	165	V
* 1.203	57.52	PK2	25	-44.64	37.88	-	-	74	-36.12	230	205	Н
* 1.04	69.73	PK2	24.2	-44.59	49.34	-	-	74	-24.66	300	126	Н
* 1.234	67.22	PK2	25	-44.58	47.64	-	-	74	-26.36	304	110	Н
* 1.3	71.43	PK2	25.1	-44.74	51.79	-	-	74	-22.21	324	181	Н
* 1.365	70.88	PK2	25	-44.2	51.68	-	-	74	-22.32	319	175	Н
* 1.124	63.61	PK2	24.7	-44.54	43.77	-	-	74	-30.23	129	339	Н
* 1.04	68.58	PK2	23.9	-44.6	47.88	-	-	74	-26.12	0	115	V
* 1.17	68.68	PK2	25	-44.97	48.71	-	-	74	-25.29	0	195	V
* 1.235	69.8	PK2	25.2	-44.65	50.35	-	-	74	-23.65	21	137	V
* 1.3	69.51	PK2	25.4	-44.75	50.16	-	-	74	-23.84	15	124	V
* 1.365	66.71	PK2	25.2	-44.2	47.71	-	-	74	-26.29	311	165	V

Note: No additional spurious emissions observed in restricted bands

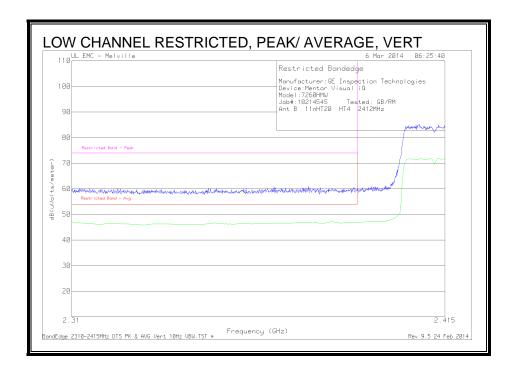
PK2 - KDB558074 Method: Maximum Peak

^{* -} indicates frequency in CFR15.205/IC7.2.2 Restricted Band

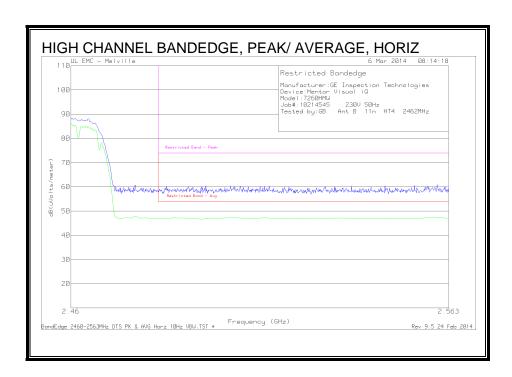
RESTRICTED BANDEDGE (LOW CHANNEL B)



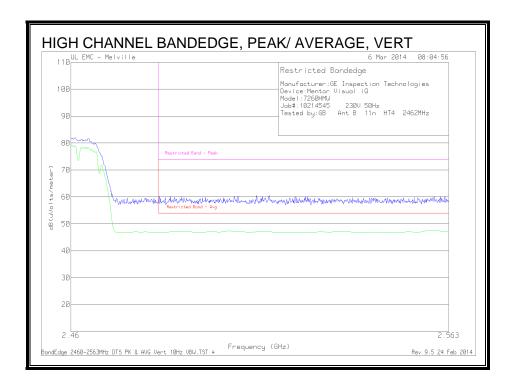
DATE: 2014-08-13



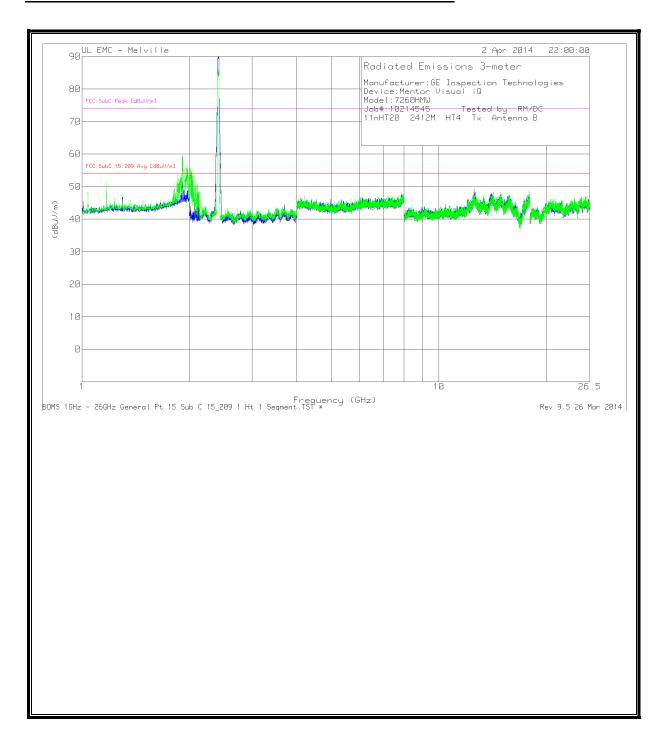
AUTHORIZED BANDEDGE (HIGH CHANNEL B)



DATE: 2014-08-13



HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL CHAIN B



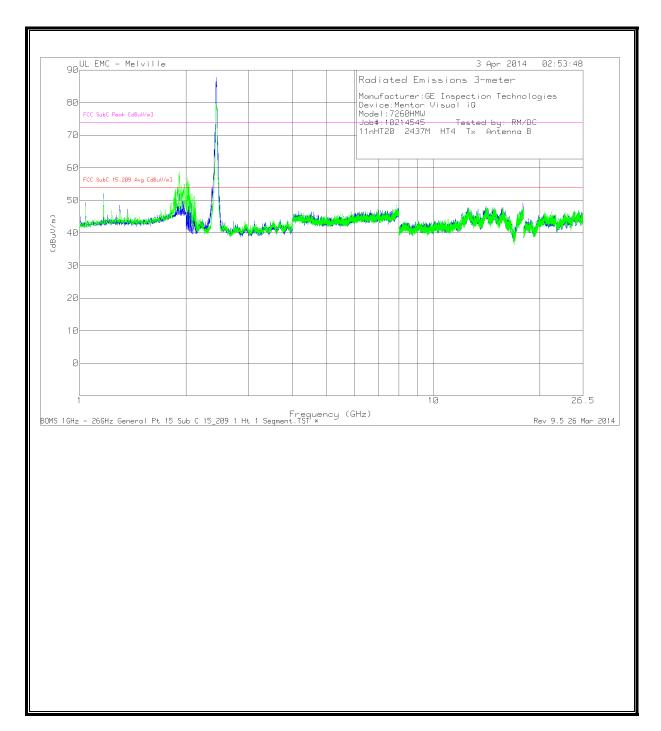
DATE: 2014-08-13

Frequency	Meter	Det	AF	Gain/Loss	Corrected	FCC SubC	Margin	FCC SubC	PK	Azimuth	Height	Polarity
(GHz)	Reading		[dB/m]	(dB)	Reading	15.209	(dB)	Peak	Margin	(Degs)	(cm)	
	(dBuV)				(dBuV/m)	Avg [dBuV/m]		[dBuV/m]	(dB)			
* 1.04	55.16	MAv1	24.2	-44.6	34.76	54	-19.24	_	_	300	126	Н
* 1.234	55.43	MAv1	25	-44.59	35.84	54	-13.24	_		304	110	Н
* 1.3	61.83	MAv1	25.1	-44.75	42.18	54	-11.82	_		324	181	H
* 1.365	60.74	MAv1	25.1	-44.73	41.53	54	-12.47		-	319	175	H
* 1.124	51.3	MAv1	24.7	-44.54	31.46	54	-12.47	-		129	339	Н
* 1.04	55.12	MAv1	23.9	-44.59	34.43	54	-19.57	_		0	115	V
* 1.17	57.09	MAv1	24.9	-44.97	37.02	54	-16.98	_	-	0	195	V
* 1.235	58.05	MAv1	25.2	-44.66	38.59	54	-15.41			21	137	V
* 1.3								-	-			V
	58.61	MAv1	25.4	-44.75	39.26	54	-14.74	-	-	15	124	V
* 1.365	58.52	MAv1	25.2	-44.2	39.52	54	-14.48	-	- 25.42	311	165	
* 1.203	57.52	PK2	25	-44.64	37.88	-	-	74	-36.12	230	205	H
* 1.04	69.73	PK2	24.2	-44.59	49.34	-	-	74	-24.66	300	126	Н
* 1.234	67.22	PK2	25	-44.58	47.64	-	-	74	-26.36	304	110	Н
* 1.3	71.43	PK2	25.1	-44.74	51.79	-	-	74	-22.21	324	181	Н
* 1.365	70.88	PK2	25	-44.2	51.68	-	-	74	-22.32	319	175	Н
* 1.124	63.61	PK2	24.7	-44.54	43.77	-	-	74	-30.23	129	339	Н
* 1.04	68.58	PK2	23.9	-44.6	47.88	-	-	74	-26.12	0	115	V
* 1.17	68.68	PK2	25	-44.97	48.71	-	-	74	-25.29	0	195	V
* 1.235	69.8	PK2	25.2	-44.65	50.35	-	-	74	-23.65	21	137	V
* 1.3	69.51	PK2	25.4	-44.75	50.16	-	-	74	-23.84	15	124	V
* 1.365	66.71	PK2	25.2	-44.2	47.71	-	-	74	-26.29	311	165	٧

Note: No additional spurious emissions observed in restricted bands

^{* -} indicates frequency in CFR15.205/IC7.2.2 Restricted Band PK2 - KDB558074 Method: Maximum Peak

HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL CHAIN B



DATE: 2014-08-13

DATA

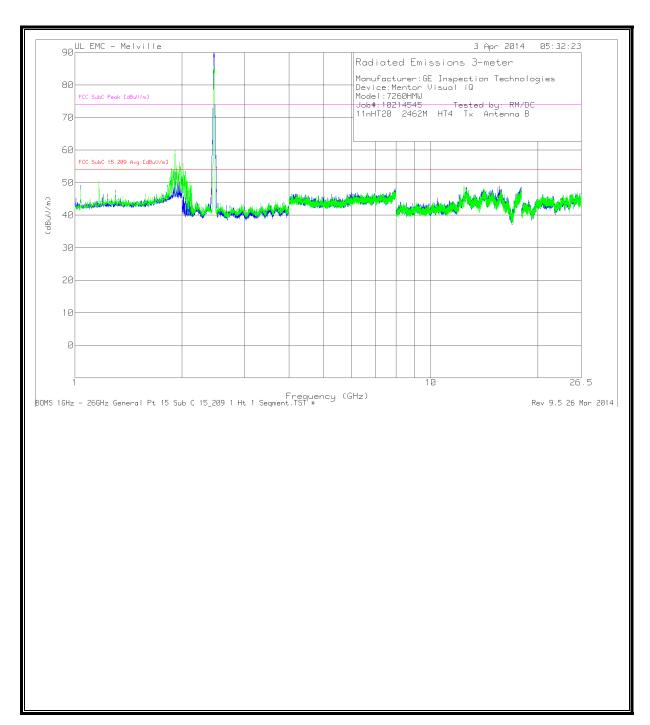
Frequency (GHz)	Meter Reading (dBuV)	Det	AF [dB/m]	Gain/Loss (dB)	Corrected Reading (dBuV/m)	FCC SubC 15.209 Avg [dBuV/m]	Margin (dB)	FCC SubC Peak [dBuV/m]	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.04	55.16	MAv1	24.2	-44.6	34.76	54	-19.24	-	-	300	126	Н
* 1.234	55.43	MAv1	25	-44.59	35.84	54	-18.16	-	-	304	110	Н
* 1.3	61.83	MAv1	25.1	-44.75	42.18	54	-11.82	-	-	324	181	Н
* 1.365	60.74	MAv1	25	-44.21	41.53	54	-12.47	-	-	319	175	Н
* 1.124	51.3	MAv1	24.7	-44.54	31.46	54	-22.54	-	-	129	339	Н
* 1.04	55.12	MAv1	23.9	-44.59	34.43	54	-19.57	-	ı	0	115	V
* 1.17	57.09	MAv1	24.9	-44.97	37.02	54	-16.98	-	-	0	195	V
* 1.235	58.05	MAv1	25.2	-44.66	38.59	54	-15.41	-	1	21	137	V
* 1.3	58.61	MAv1	25.4	-44.75	39.26	54	-14.74	-	1	15	124	V
* 1.365	58.52	MAv1	25.2	-44.2	39.52	54	-14.48	-	ı	311	165	V
* 1.203	57.52	PK2	25	-44.64	37.88	ı	-	74	-36.12	230	205	Н
* 1.04	69.73	PK2	24.2	-44.59	49.34	ı	1	74	-24.66	300	126	Н
* 1.234	67.22	PK2	25	-44.58	47.64	ı	-	74	-26.36	304	110	H
* 1.3	71.43	PK2	25.1	-44.74	51.79	ı	-	74	-22.21	324	181	Η
* 1.365	70.88	PK2	25	-44.2	51.68	-	-	74	-22.32	319	175	Н
* 1.124	63.61	PK2	24.7	-44.54	43.77	ı	-	74	-30.23	129	339	Η
* 1.04	68.58	PK2	23.9	-44.6	47.88	ı	1	74	-26.12	0	115	٧
* 1.17	68.68	PK2	25	-44.97	48.71	-	-	74	-25.29	0	195	V
* 1.235	69.8	PK2	25.2	-44.65	50.35	ı	-	74	-23.65	21	137	٧
* 1.3	69.51	PK2	25.4	-44.75	50.16	-	-	74	-23.84	15	124	٧
* 1.365	66.71	PK2	25.2	-44.2	47.71	-	-	74	-26.29	311	165	V

Note: No additional spurious emissions observed in restricted bands

PK2 - KDB558074 Method: Maximum Peak

^{* -} indicates frequency in CFR15.205/IC7.2.2 Restricted Band

HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL CHAIN B



DATE: 2014-08-13

DATA

Frequency (GHz)	Meter Reading	Det	AF [dB/m]	Gain/Loss (dB)	Corrected Reading	FCC SubC 15.209	Margin (dB)	FCC SubC Peak	PK Margin	Azimuth (Degs)	Height (cm)	Polarity
	(dBuV)				(dBuV/m)	Avg		[dBuV/m]	(dB)			
						[dBuV/m]						
* 1.04	55.16	MAv1	24.2	-44.6	34.76	54	-19.24	-	-	300	126	Н
* 1.234	55.43	MAv1	25	-44.59	35.84	54	-18.16	-	-	304	110	Н
* 1.3	61.83	MAv1	25.1	-44.75	42.18	54	-11.82	-	-	324	181	Н
* 1.365	60.74	MAv1	25	-44.21	41.53	54	-12.47	-	-	319	175	Н
* 1.124	51.3	MAv1	24.7	-44.54	31.46	54	-22.54	-	-	129	339	Н
* 1.04	55.12	MAv1	23.9	-44.59	34.43	54	-19.57	-	-	0	115	V
* 1.17	57.09	MAv1	24.9	-44.97	37.02	54	-16.98	-	-	0	195	V
* 1.235	58.05	MAv1	25.2	-44.66	38.59	54	-15.41	-	-	21	137	V
* 1.3	58.61	MAv1	25.4	-44.75	39.26	54	-14.74	-	-	15	124	V
* 1.365	58.52	MAv1	25.2	-44.2	39.52	54	-14.48	-	-	311	165	V
* 1.203	57.52	PK2	25	-44.64	37.88	-	-	74	-36.12	230	205	Н
* 1.04	69.73	PK2	24.2	-44.59	49.34	-	-	74	-24.66	300	126	Н
* 1.234	67.22	PK2	25	-44.58	47.64	-	-	74	-26.36	304	110	Н
* 1.3	71.43	PK2	25.1	-44.74	51.79	-	-	74	-22.21	324	181	Н
* 1.365	70.88	PK2	25	-44.2	51.68	-	-	74	-22.32	319	175	Н
* 1.124	63.61	PK2	24.7	-44.54	43.77	-	-	74	-30.23	129	339	Н
* 1.04	68.58	PK2	23.9	-44.6	47.88	-	-	74	-26.12	0	115	V
* 1.17	68.68	PK2	25	-44.97	48.71	-	-	74	-25.29	0	195	V
* 1.235	69.8	PK2	25.2	-44.65	50.35	-	-	74	-23.65	21	137	V
* 1.3	69.51	PK2	25.4	-44.75	50.16	-	-	74	-23.84	15	124	V
* 1.365	66.71	PK2	25.2	-44.2	47.71	-	-	74	-26.29	311	165	V

Note: No additional spurious emissions observed in restricted bands

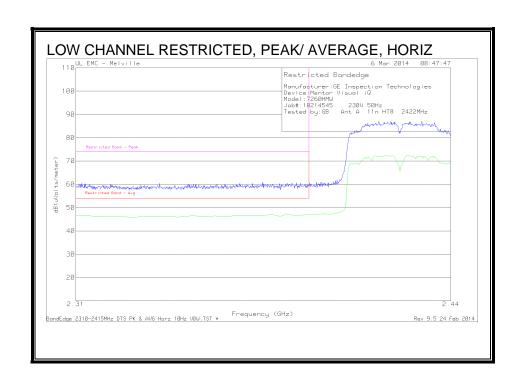
PK2 - KDB558074 Method: Maximum Peak

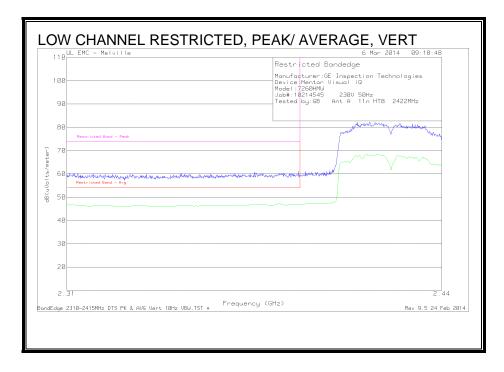
^{* -} indicates frequency in CFR15.205/IC7.2.2 Restricted Band

RESTRICTED BANDEDGE (LOW CHANNEL A)

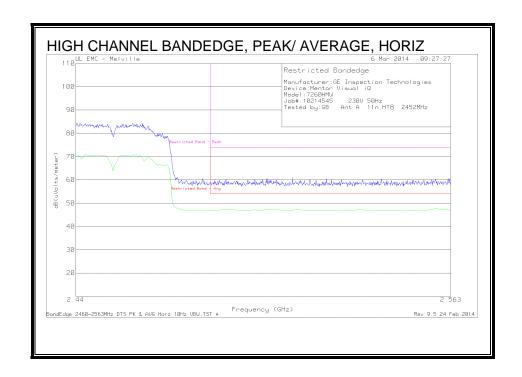
8.2.4. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 2.4 GHz BAND SISO

DATE: 2014-08-13

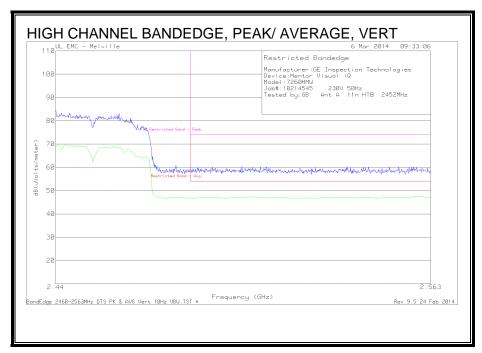




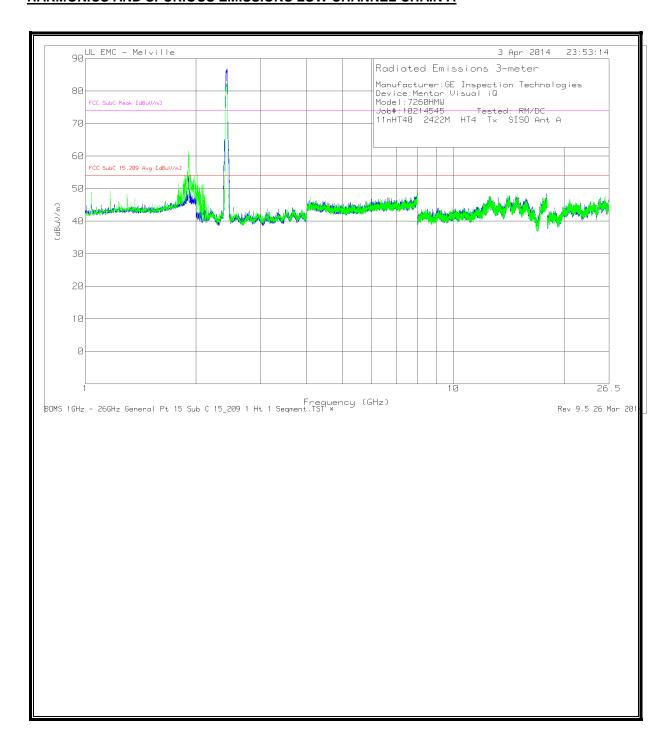
AUTHORIZED BANDEDGE (HIGH CHANNEL A)



DATE: 2014-08-13



HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL CHAIN A



DATE: 2014-08-13

DATA

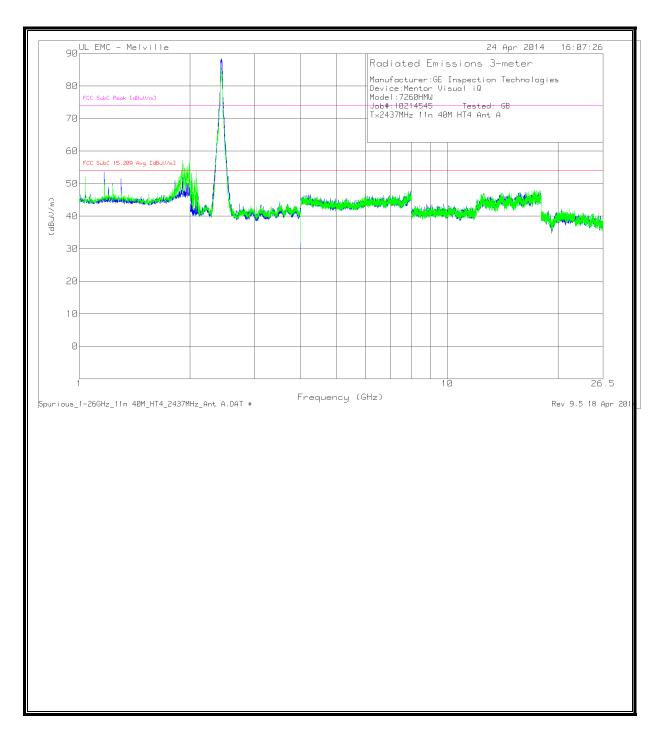
Frequency (GHz)	Meter Reading	Det	AF [dB/m]	Gain/Loss (dB)	Corrected Reading	FCC SubC 15.209	Margin (dB)	FCC SubC Peak	PK Margin	Azimuth (Degs)	Height (cm)	Polarity
	(dBuV)				(dBuV/m)	Avg		[dBuV/m]	(dB)			
						[dBuV/m]						
* 1.04	55.16	MAv1	24.2	-44.6	34.76	54	-19.24	-	-	300	126	Н
* 1.234	55.43	MAv1	25	-44.59	35.84	54	-18.16	-	-	304	110	Н
* 1.3	61.83	MAv1	25.1	-44.75	42.18	54	-11.82	-	-	324	181	Н
* 1.365	60.74	MAv1	25	-44.21	41.53	54	-12.47	-	-	319	175	Н
* 1.124	51.3	MAv1	24.7	-44.54	31.46	54	-22.54	-	-	129	339	Н
* 1.04	55.12	MAv1	23.9	-44.59	34.43	54	-19.57	-	-	0	115	V
* 1.17	57.09	MAv1	24.9	-44.97	37.02	54	-16.98	-	-	0	195	V
* 1.235	58.05	MAv1	25.2	-44.66	38.59	54	-15.41	-	-	21	137	V
* 1.3	58.61	MAv1	25.4	-44.75	39.26	54	-14.74	-	-	15	124	V
* 1.365	58.52	MAv1	25.2	-44.2	39.52	54	-14.48	-	-	311	165	V
* 1.203	57.52	PK2	25	-44.64	37.88	-	-	74	-36.12	230	205	Н
* 1.04	69.73	PK2	24.2	-44.59	49.34	-	-	74	-24.66	300	126	Н
* 1.234	67.22	PK2	25	-44.58	47.64	-	-	74	-26.36	304	110	Н
* 1.3	71.43	PK2	25.1	-44.74	51.79	-	-	74	-22.21	324	181	Н
* 1.365	70.88	PK2	25	-44.2	51.68	-	-	74	-22.32	319	175	Н
* 1.124	63.61	PK2	24.7	-44.54	43.77	-	-	74	-30.23	129	339	Н
* 1.04	68.58	PK2	23.9	-44.6	47.88	-	-	74	-26.12	0	115	V
* 1.17	68.68	PK2	25	-44.97	48.71	-	-	74	-25.29	0	195	V
* 1.235	69.8	PK2	25.2	-44.65	50.35	-	-	74	-23.65	21	137	V
* 1.3	69.51	PK2	25.4	-44.75	50.16	-	-	74	-23.84	15	124	V
* 1.365	66.71	PK2	25.2	-44.2	47.71	-	-	74	-26.29	311	165	V

Note: No additional spurious emissions observed in restricted bands

PK2 - KDB558074 Method: Maximum Peak

^{* -} indicates frequency in CFR15.205/IC7.2.2 Restricted Band

HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL CHAIN A



DATE: 2014-08-13

DATA

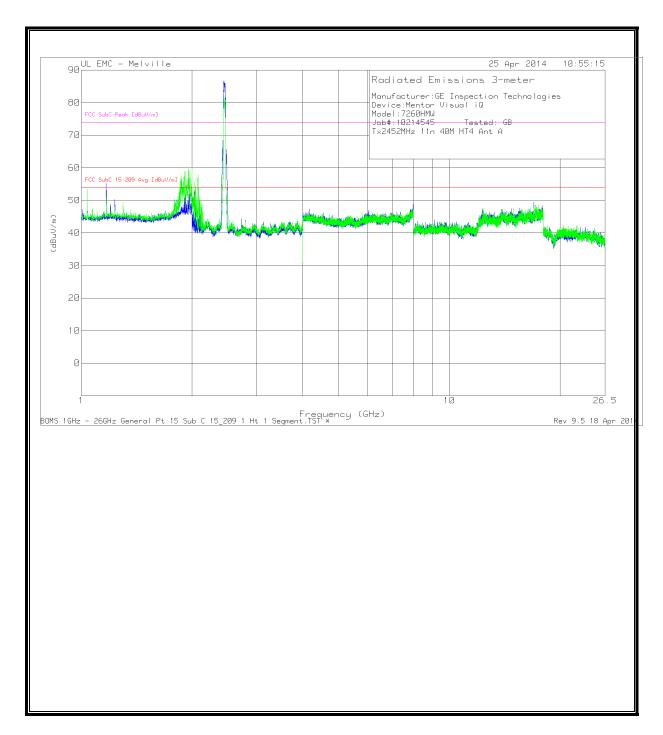
Frequency (GHz)	Meter Reading	Det	AF [dB/m]	Gain/Loss (dB)	Corrected Reading	FCC SubC 15.209	Margin (dB)	FCC SubC Peak	PK Margin	Azimuth (Degs)	Height (cm)	Polarity
	(dBuV)				(dBuV/m)	Avg		[dBuV/m]	(dB)			
						[dBuV/m]						
* 1.04	55.16	MAv1	24.2	-44.6	34.76	54	-19.24	-	-	300	126	Н
* 1.234	55.43	MAv1	25	-44.59	35.84	54	-18.16	-	-	304	110	Н
* 1.3	61.83	MAv1	25.1	-44.75	42.18	54	-11.82	-	-	324	181	Н
* 1.365	60.74	MAv1	25	-44.21	41.53	54	-12.47	-	-	319	175	Н
* 1.124	51.3	MAv1	24.7	-44.54	31.46	54	-22.54	-	-	129	339	Н
* 1.04	55.12	MAv1	23.9	-44.59	34.43	54	-19.57	-	-	0	115	V
* 1.17	57.09	MAv1	24.9	-44.97	37.02	54	-16.98	-	-	0	195	V
* 1.235	58.05	MAv1	25.2	-44.66	38.59	54	-15.41	-	-	21	137	V
* 1.3	58.61	MAv1	25.4	-44.75	39.26	54	-14.74	-	-	15	124	V
* 1.365	58.52	MAv1	25.2	-44.2	39.52	54	-14.48	-	-	311	165	V
* 1.203	57.52	PK2	25	-44.64	37.88	-	-	74	-36.12	230	205	Н
* 1.04	69.73	PK2	24.2	-44.59	49.34	-	-	74	-24.66	300	126	Н
* 1.234	67.22	PK2	25	-44.58	47.64	-	-	74	-26.36	304	110	Н
* 1.3	71.43	PK2	25.1	-44.74	51.79	-	-	74	-22.21	324	181	Н
* 1.365	70.88	PK2	25	-44.2	51.68	-	-	74	-22.32	319	175	Н
* 1.124	63.61	PK2	24.7	-44.54	43.77	-	-	74	-30.23	129	339	Н
* 1.04	68.58	PK2	23.9	-44.6	47.88	-	-	74	-26.12	0	115	V
* 1.17	68.68	PK2	25	-44.97	48.71	-	-	74	-25.29	0	195	V
* 1.235	69.8	PK2	25.2	-44.65	50.35	-	-	74	-23.65	21	137	V
* 1.3	69.51	PK2	25.4	-44.75	50.16	-	-	74	-23.84	15	124	V
* 1.365	66.71	PK2	25.2	-44.2	47.71	-	-	74	-26.29	311	165	V

Note: No additional spurious emissions observed in restricted bands

PK2 - KDB558074 Method: Maximum Peak

^{* -} indicates frequency in CFR15.205/IC7.2.2 Restricted Band

HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL CHAIN A



DATE: 2014-08-13

DATA

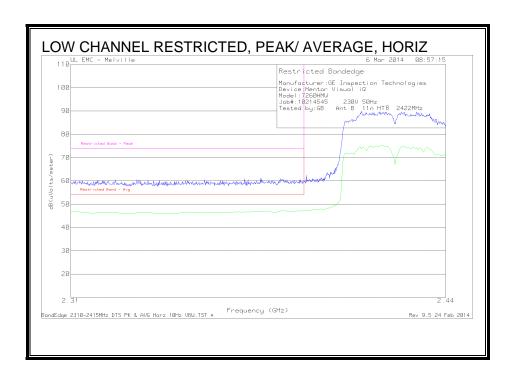
Frequency	Meter	Det	AF	Gain/Loss	Corrected	FCC SubC	Margin	FCC SubC	PK	Azimuth	Height	Polarity
(GHz)	Reading		[dB/m]	(dB)	Reading	15.209	(dB)	Peak	Margin	(Degs)	(cm)	
	(dBuV)				(dBuV/m)	Avg		[dBuV/m]	(dB)			
						[dBuV/m]						
* 1.04	55.16	MAv1	24.2	-44.6	34.76	54	-19.24	-	-	300	126	Н
* 1.234	55.43	MAv1	25	-44.59	35.84	54	-18.16	-	-	304	110	Н
* 1.3	61.83	MAv1	25.1	-44.75	42.18	54	-11.82	-	-	324	181	Н
* 1.365	60.74	MAv1	25	-44.21	41.53	54	-12.47	-	-	319	175	Н
* 1.124	51.3	MAv1	24.7	-44.54	31.46	54	-22.54	-	-	129	339	Н
* 1.04	55.12	MAv1	23.9	-44.59	34.43	54	-19.57	-	-	0	115	V
* 1.17	57.09	MAv1	24.9	-44.97	37.02	54	-16.98	-	-	0	195	V
* 1.235	58.05	MAv1	25.2	-44.66	38.59	54	-15.41	-	-	21	137	V
* 1.3	58.61	MAv1	25.4	-44.75	39.26	54	-14.74	-	-	15	124	V
* 1.365	58.52	MAv1	25.2	-44.2	39.52	54	-14.48	-	-	311	165	V
* 1.203	57.52	PK2	25	-44.64	37.88	-	-	74	-36.12	230	205	Н
* 1.04	69.73	PK2	24.2	-44.59	49.34	-	-	74	-24.66	300	126	Н
* 1.234	67.22	PK2	25	-44.58	47.64	-	-	74	-26.36	304	110	Н
* 1.3	71.43	PK2	25.1	-44.74	51.79	-	-	74	-22.21	324	181	Н
* 1.365	70.88	PK2	25	-44.2	51.68	-	-	74	-22.32	319	175	Н
* 1.124	63.61	PK2	24.7	-44.54	43.77	-	-	74	-30.23	129	339	Н
* 1.04	68.58	PK2	23.9	-44.6	47.88	-	-	74	-26.12	0	115	٧
* 1.17	68.68	PK2	25	-44.97	48.71	-	-	74	-25.29	0	195	V
* 1.235	69.8	PK2	25.2	-44.65	50.35	-	-	74	-23.65	21	137	V
* 1.3	69.51	PK2	25.4	-44.75	50.16	-	-	74	-23.84	15	124	V
* 1.365	66.71	PK2	25.2	-44.2	47.71	-	-	74	-26.29	311	165	V

Note: No additional spurious emissions observed in restricted bands

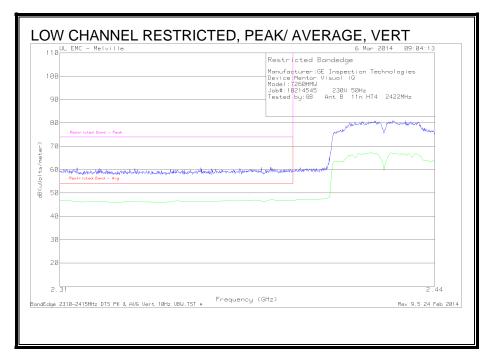
PK2 - KDB558074 Method: Maximum Peak

^{* -} indicates frequency in CFR15.205/IC7.2.2 Restricted Band

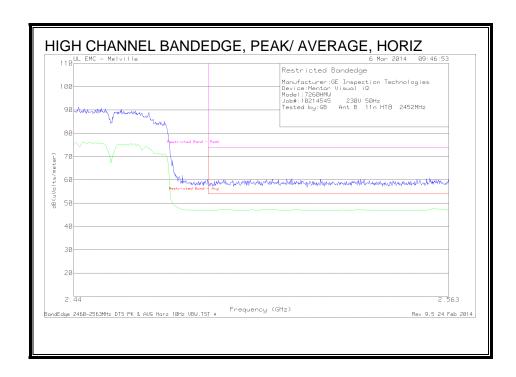
RESTRICTED BANDEDGE (LOW CHANNEL B)



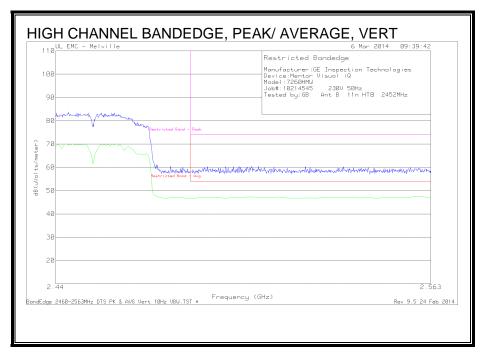
DATE: 2014-08-13



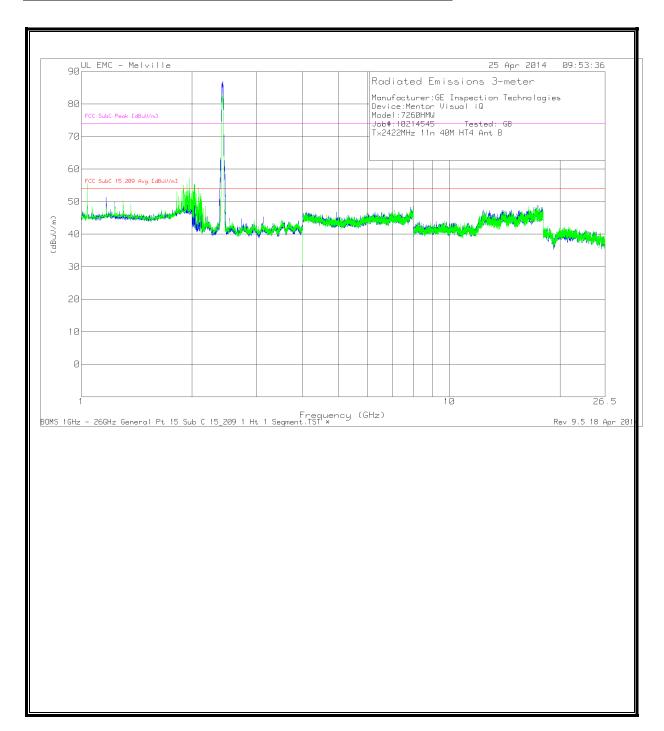
AUTHORIZED BANDEDGE (HIGH CHANNEL B)



DATE: 2014-08-13



HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL CHAIN B



DATE: 2014-08-13

DATA

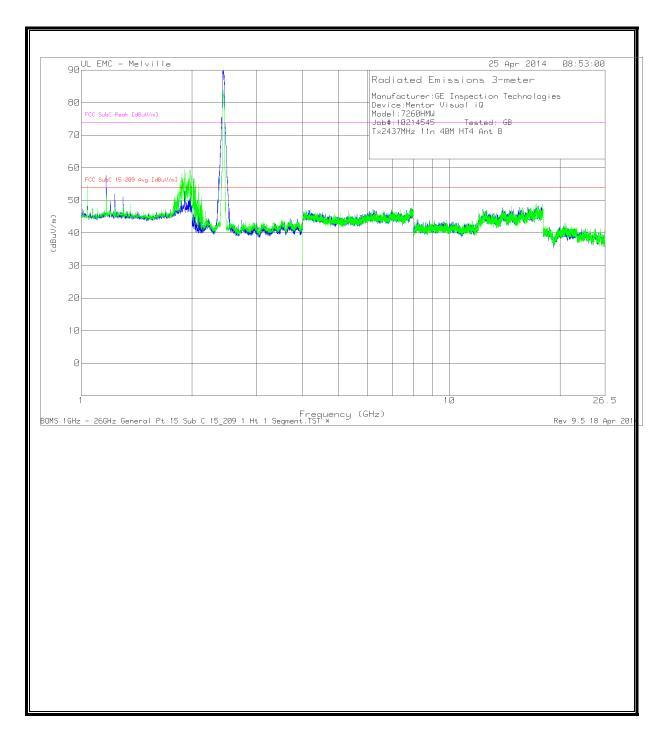
Frequency (GHz)	Meter Reading	Det	AF [dB/m]	Gain/Loss (dB)	Corrected Reading	FCC SubC 15.209	Margin (dB)	FCC SubC Peak	PK Margin	Azimuth (Degs)	Height (cm)	Polarity
	(dBuV)				(dBuV/m)	Avg		[dBuV/m]	(dB)			
						[dBuV/m]						
* 1.04	55.16	MAv1	24.2	-44.6	34.76	54	-19.24	-	-	300	126	Н
* 1.234	55.43	MAv1	25	-44.59	35.84	54	-18.16	-	-	304	110	Н
* 1.3	61.83	MAv1	25.1	-44.75	42.18	54	-11.82	-	-	324	181	Н
* 1.365	60.74	MAv1	25	-44.21	41.53	54	-12.47	-	-	319	175	Н
* 1.124	51.3	MAv1	24.7	-44.54	31.46	54	-22.54	-	-	129	339	Н
* 1.04	55.12	MAv1	23.9	-44.59	34.43	54	-19.57	-	-	0	115	V
* 1.17	57.09	MAv1	24.9	-44.97	37.02	54	-16.98	-	-	0	195	V
* 1.235	58.05	MAv1	25.2	-44.66	38.59	54	-15.41	-	-	21	137	V
* 1.3	58.61	MAv1	25.4	-44.75	39.26	54	-14.74	-	-	15	124	V
* 1.365	58.52	MAv1	25.2	-44.2	39.52	54	-14.48	-	-	311	165	V
* 1.203	57.52	PK2	25	-44.64	37.88	-	-	74	-36.12	230	205	Н
* 1.04	69.73	PK2	24.2	-44.59	49.34	-	-	74	-24.66	300	126	Н
* 1.234	67.22	PK2	25	-44.58	47.64	-	-	74	-26.36	304	110	Н
* 1.3	71.43	PK2	25.1	-44.74	51.79	-	-	74	-22.21	324	181	Н
* 1.365	70.88	PK2	25	-44.2	51.68	-	-	74	-22.32	319	175	Н
* 1.124	63.61	PK2	24.7	-44.54	43.77	-	-	74	-30.23	129	339	Н
* 1.04	68.58	PK2	23.9	-44.6	47.88	-	-	74	-26.12	0	115	V
* 1.17	68.68	PK2	25	-44.97	48.71	-	-	74	-25.29	0	195	V
* 1.235	69.8	PK2	25.2	-44.65	50.35	-	-	74	-23.65	21	137	V
* 1.3	69.51	PK2	25.4	-44.75	50.16	-	-	74	-23.84	15	124	V
* 1.365	66.71	PK2	25.2	-44.2	47.71	-	-	74	-26.29	311	165	V

Note: No additional spurious emissions observed in restricted bands

PK2 - KDB558074 Method: Maximum Peak

^{* -} indicates frequency in CFR15.205/IC7.2.2 Restricted Band

HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL CHAIN B



DATE: 2014-08-13

DATA

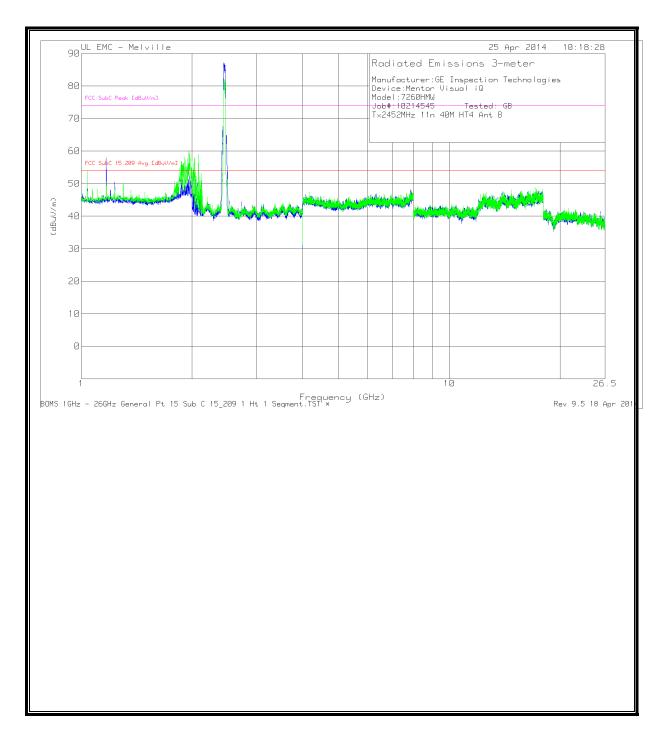
Frequency (GHz)	Meter Reading	Det	AF [dB/m]	Gain/Loss (dB)	Corrected Reading	FCC SubC 15.209	Margin (dB)	FCC SubC Peak	PK Margin	Azimuth (Degs)	Height (cm)	Polarity
	(dBuV)				(dBuV/m)	Avg		[dBuV/m]	(dB)			
						[dBuV/m]						
* 1.04	55.16	MAv1	24.2	-44.6	34.76	54	-19.24	-	ı	300	126	Н
* 1.234	55.43	MAv1	25	-44.59	35.84	54	-18.16	-	ı	304	110	H
* 1.3	61.83	MAv1	25.1	-44.75	42.18	54	-11.82	-	1	324	181	Η
* 1.365	60.74	MAv1	25	-44.21	41.53	54	-12.47	-	-	319	175	Н
* 1.124	51.3	MAv1	24.7	-44.54	31.46	54	-22.54	-	ı	129	339	Н
* 1.04	55.12	MAv1	23.9	-44.59	34.43	54	-19.57	-	ı	0	115	V
* 1.17	57.09	MAv1	24.9	-44.97	37.02	54	-16.98	-	-	0	195	V
* 1.235	58.05	MAv1	25.2	-44.66	38.59	54	-15.41	-	1	21	137	V
* 1.3	58.61	MAv1	25.4	-44.75	39.26	54	-14.74	-	1	15	124	٧
* 1.365	58.52	MAv1	25.2	-44.2	39.52	54	-14.48	-	ı	311	165	٧
* 1.203	57.52	PK2	25	-44.64	37.88	-	-	74	-36.12	230	205	Η
* 1.04	69.73	PK2	24.2	-44.59	49.34	-	-	74	-24.66	300	126	Н
* 1.234	67.22	PK2	25	-44.58	47.64	-	-	74	-26.36	304	110	Н
* 1.3	71.43	PK2	25.1	-44.74	51.79	-	-	74	-22.21	324	181	Η
* 1.365	70.88	PK2	25	-44.2	51.68	-	-	74	-22.32	319	175	Н
* 1.124	63.61	PK2	24.7	-44.54	43.77	-	-	74	-30.23	129	339	Н
* 1.04	68.58	PK2	23.9	-44.6	47.88	-	-	74	-26.12	0	115	V
* 1.17	68.68	PK2	25	-44.97	48.71	-	-	74	-25.29	0	195	V
* 1.235	69.8	PK2	25.2	-44.65	50.35	-	-	74	-23.65	21	137	V
* 1.3	69.51	PK2	25.4	-44.75	50.16	-	-	74	-23.84	15	124	V
* 1.365	66.71	PK2	25.2	-44.2	47.71	-	-	74	-26.29	311	165	V

Note: No additional spurious emissions observed in restricted bands

PK2 - KDB558074 Method: Maximum Peak

^{* -} indicates frequency in CFR15.205/IC7.2.2 Restricted Band

HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL CHAIN B



DATE: 2014-08-13

DATA

Frequency	Meter	Det	AF	Gain/Loss	Corrected	FCC SubC	Margin	FCC SubC	PK	Azimuth	Height	Polarity
(GHz)	Reading		[dB/m]	(dB)	Reading	15.209	(dB)	Peak	Margin	(Degs)	(cm)	
	(dBuV)				(dBuV/m)	Avg		[dBuV/m]	(dB)			
						[dBuV/m]						
* 1.04	55.16	MAv1	24.2	-44.6	34.76	54	-19.24	-	-	300	126	Н
* 1.234	55.43	MAv1	25	-44.59	35.84	54	-18.16	-	-	304	110	Н
* 1.3	61.83	MAv1	25.1	-44.75	42.18	54	-11.82	-	-	324	181	Н
* 1.365	60.74	MAv1	25	-44.21	41.53	54	-12.47	-	-	319	175	Н
* 1.124	51.3	MAv1	24.7	-44.54	31.46	54	-22.54	-	-	129	339	Н
* 1.04	55.12	MAv1	23.9	-44.59	34.43	54	-19.57	-	-	0	115	V
* 1.17	57.09	MAv1	24.9	-44.97	37.02	54	-16.98	-	-	0	195	V
* 1.235	58.05	MAv1	25.2	-44.66	38.59	54	-15.41	-	-	21	137	V
* 1.3	58.61	MAv1	25.4	-44.75	39.26	54	-14.74	-	-	15	124	V
* 1.365	58.52	MAv1	25.2	-44.2	39.52	54	-14.48	-	-	311	165	V
* 1.203	57.52	PK2	25	-44.64	37.88	-	-	74	-36.12	230	205	Н
* 1.04	69.73	PK2	24.2	-44.59	49.34	-	-	74	-24.66	300	126	Н
* 1.234	67.22	PK2	25	-44.58	47.64	-	-	74	-26.36	304	110	Н
* 1.3	71.43	PK2	25.1	-44.74	51.79	-	-	74	-22.21	324	181	Н
* 1.365	70.88	PK2	25	-44.2	51.68	-	-	74	-22.32	319	175	Н
* 1.124	63.61	PK2	24.7	-44.54	43.77	-	-	74	-30.23	129	339	Н
* 1.04	68.58	PK2	23.9	-44.6	47.88	-	-	74	-26.12	0	115	V
* 1.17	68.68	PK2	25	-44.97	48.71	-	-	74	-25.29	0	195	V
* 1.235	69.8	PK2	25.2	-44.65	50.35	-	-	74	-23.65	21	137	V
* 1.3	69.51	PK2	25.4	-44.75	50.16	-	-	74	-23.84	15	124	V
* 1.365	66.71	PK2	25.2	-44.2	47.71	-	-	74	-26.29	311	165	V

Note: No additional spurious emissions observed in restricted bands

PK2 - KDB558074 Method: Maximum Peak

^{* -} indicates frequency in CFR15.205/IC7.2.2 Restricted Band

8.3. TX ABOVE 1 GHz 802.11a MODE IN THE 5.8 GHz BAND SISO

HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL CHAIN A

Device: Memority-Visual IQ						1		l		I	1		
Model 17456 Mary	Manufacturer:	GE Inspection T	echnologies	1									
	Device: Mentor	Visual iQ	T										
Horizontal 1 - 2-GHz	Model:7260HM	1W											
Horizontal 1-2citz	Job#:10214545	Tested: GB											
Horizontal 1-2citz	Tx5745MHz 11;	a 6Mhns Ant A											
Test Prequency (GHsV)	1,07 1511112 110	J GWISPS / WIE / Y											
Test Prequency (GHsV)													
Frequency (Blavy) Detector (Blavy) Detector (Blavy) (B						Corrected	FCC SubC		FCC SubC	PK			
**1.0399			Detector										Polarity
*1.0399								_					
*1.0402 71.63 PK2 24.2 -41.26 54.57							F4	10.72					
** 1.0401							54	-10.72					
* 1.17 69.26	* 1.0402	71.63	PK2	24.2	-41.26	54.57	-	-	74	-19.43	349	126	Н
* 1.1701	* 1.0401	57.65	MAv1	24.2	-41.26	40.59	54	-13.41	74	-33.41	349	126	Н
* 1.1701	* 1.17	69.26	PK2	24.9	-41.51	52.65	-	-	74	-21.35	120	138	Н
*1.17 61.47 MAV1 24.9 -41.51 44.86 54 -9.14 74 -29.14 3 209 V Horizontal 8 - 12GHz Test Frequency (GBuV) Detector [dB/m] (GB) (GB) (GB) (GB) (GB) (GB) (GB) (GB)	* 1.1701	57.37	MAv1	24.9	-41.51	40.76	54	-13.24	74	-33.24	120	138	Н
Horizontal 8 - 12GHz	* 1.1701	70.96	PK2	24.9	-41.52	54.34	-	-	74	-19.66	3	209	v
Test Frequency Reading (GHz) Detector Reading (GHz) Detector (* 1.17	61.47	MAv1	24.9	-41.51	44.86	54	-9.14	74	-29.14	3	209	v
Test Frequency Reading (GHz) Detector Reading (GHz) Detector (Horizontal 8 - 1	2GHz											
GHz GBuV Detector GB/m GBuV/m	Test	Meter		45	Caia II aaa						A	II-laha	
* 11.4897			Detector										Polarity
* 11.49	* 11.4902	58.95	PK2	33.4	-48.72	43.63	-	-	74	-30.37	252	185	v
* 11.4902	* 11.4897	46.6	MAv1	33.4	-48.72	31.28	54	-22.72	74	-42.72	252	185	v
* 11.4902	* 11.49	58.99	PK2	33.4	-48.72	43.67	-	-	74	-30.33	42	253	н
Horizontal 18 - 26.5GHz Test Meter Frequency (GHz) Detector [dB/m] AF (Gain/Loss (dB) (dB) (dB) (dB) (dB) (dB) (dB) (dB)							54	-22 63					
Test Meter Frequency Reading (GHz) Detector [dB/m] Detector [dB/m] (dB) Reading (dBuV/m) (dB) (dB) Detector [dB/m] Detector [dB/m] (dB) Detector [dB/m] (dB) Detector [dB/m] (dB) Detector [dB/m] (dB) Detector Frequency (dBuV/m) (dB) Detector Peak (dB) Detector Peak (dB) Detector Peak (dB) Detector Peak (dB) Detector Detector Peak (dB) Detector Peak (d			IVIAVI	33.4	-40.72	31.37	34	-22.03	74	-42.03	42	233	
(GHz) (dBuV) Detector [dB/m] (dB) (dBuV/m) (dB) [dBuV/m] (dB) [dBuV/m] (dB) [Degs] [cm] Polarity * 22.9803 54.78 PK2 40.6 -49.37 46.01 - - 74 -27.99 104 275 V * 22.98 42.39 MAv1 40.6 -49.37 33.62 54 -20.38 74 -40.38 104 275 V * 22.9803 55.8 PK2 40.6 -49.37 47.03 - - 74 -26.97 334 121 H * 22.98 46.76 MAv1 40.6 -49.37 37.99 54 -16.01 74 -36.01 334 121 H PK2 - KDB558074 Method: Maximum Peak May1 - KDB558074 Option 1 Maximum RMS Average						Corrected	FCC SubC		FCC SubC	PK			
* 22.9803			Detector										Polarity
* 22.98							_	_					
* 22.9803							E4	20.20					
* 22.98							54	-20.38					
PK2 - KDB558074 Method: Maximum Peak MAv1 - KDB558074 Option 1 Maximum RMS Average		55.8	PK2		-49.37		-	-	74	-26.97	334	121	Н
MAv1 - KDB558074 Option 1 Maximum RMS Average	* 22.98	46.76	MAv1	40.6	-49.37	37.99	54	-16.01	74	-36.01	334	121	Н
	PK2 - KDB55807	74 Method: Max	kimum Peak										
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band	MAv1 - KDB558	8074 Option 1 N	laximum RMS A	verage									
	* - indicates fre	quency in CFR1	5.205/IC7.2.2 R	estricted Ban	ıd								

Note: No additional emissions above the system noise floor.

HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL CHAIN A

					1							1
Manufacturer:	GE Inspection T	Technologies	1									
Device: Mentor	· Visual iQ	_										
Model:7260HM	1W											
Job#:10214545	Tested: GB											
Tx5785MHz 11	a 6Mbps Ant A											
	·											
Radiated Emiss	ion Data											
Horizontal 8 - 1	2GHz											
Test Frequency (GHz)	Meter Reading (dBuV)	Detector	AF [dB/m]	Gain/Loss (dB)	Corrected Reading (dBuV/m)	FCC SubC 15.209 Avg [dBuV/m]	Margin (dB)	FCC SubC Peak [dBuV/m]	PK Margin (dB)	Azimuth [Degs]	Height [cm]	Polarity
* 11.5707	58.04	PK2	33.5	-48.21	43.33	-	-	74	-30.67	301	111	Н
* 11.5706	45.92	MAv1	33.5	-48.21	31.21	54	-22.79	74	-42.79	301	111	н
* 11.5697	57.97	PK2	33.5	-48.23	43.24	-	-	74	-30.76	6	220	V
* 11.5702	46.22	MAv1	33.5	-48.24	31.48	54	-22.52	74	-42.52	6	220	V
PK2 - KDB5580	74 Method: Ma	ximum Peak										
MAv1 - KDB558	8074 Option 1 N	Лахітит RMS A	verage									
* - indicates fre	quency in CFR1	15.205/IC7.2.2 R	estricted Band									

HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL CHAIN A

						ı		ı		I		l
Manufacturer:	GE Inspection Te	echnologies										
Device: Mento	r Visual iQ											
Model:7260HN	ИW											
Job#:10214545	Tested: GB											
Tx5825MHz 11	a 6Mbps Ant A											
Radiated Emiss	sion Data											
Horizontal 8 - 1	12GHz											
Test Frequency (GHz)	Meter Reading (dBuV)	Detector	AF [dB/m]	Gain/Loss (dB)	Corrected Reading (dBuV/m)	FCC SubC 15.209 Avg [dBuV/m]	Margin (dB)	FCC SubC Peak [dBuV/m]	PK Margin (dB)	Azimuth [Degs]	Height [cm]	Polarity
* 11.6499	59.78	PK2	33.5	-48.68	44.6	-	-	74	-29.4	0	293	н
* 11.65	47.83	MAv1	33.5	-48.68	32.65	54	-21.35	74	-41.35	0	293	Н
* 11.6502	63.17	PK2	33.6	-48.68	48.09	-	-	74	-25.91	8	112	V
* 11.65	51.59	MAv1	33.5	-48.68	36.41	54	-17.59	74	-37.59	8	112	V
PK2 - KDB5580	74 Method: Max	imum Peak										
MAv1 - KDB55	8074 Option 1 M	aximum RMS A	verage									
* - indicates fre	equency in CFR15	5.205/IC7.2.2 R	estricted Band		•							

HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL CHAIN B

								ı	ı	1	ı	
Manufacturer:	GE Inspection	Technologies										
Device: Mento	r Visual iQ											
Model:7260HN	иw											
Job#:10214545	5 Tested: GB											
Tx5745MHz 11	a 6Mbps Ant B											
Radiated Emiss	sion Data	П										
Horizontal 8 - 1	12GHz											
Test Frequency (GHz)	Meter Reading (dBuV)	Detector	AF [dB/m]	Gain/Loss (dB)	Corrected Reading (dBuV/m)	FCC SubC 15.209 Avg [dBuV/m]	Margin (dB)	FCC SubC Peak [dBuV/m]	PK Margin (dB)	Azimuth [Degs]	Height [cm]	Polarity
* 11.4907	59.89	PK2	33.4	-48.72	44.57	-	-	74	-29.43	274	267	н
* 11.4899	47.9	MAv1	33.4	-48.72	32.58	54	-21.42	74	-41.42	274	267	н
* 11.4909	58.95	PK2	33.4	-48.72	43.63		-	74	-30.37	178	208	v
* 11.4908	46.76	MAv1	33.4	-48.72	31.44	54	-22.56	74	-42.56	178	208	V
Horizontal 18 -	26 5GHz											
Test Frequency (GHz)	Meter Reading (dBuV)	Detector	AF [dB/m]	Gain/Loss (dB)	Corrected Reading (dBuV/m)	FCC SubC 15.209 Avg [dBuV/m]	Margin (dB)	FCC SubC Peak [dBuV/m]	PK Margin (dB)	Azimuth [Degs]	Height [cm]	Polarity
* 22.9805	54.58	PK2	40.6	-49.36	45.82	_	-	74	-28.18	214	335	v
* 22.98	42.36	MAv1	40.6	-49.37	33.59	54	-20.41	74	-40.41	214	335	v
* 22.983	53.6	PK2	40.6	-49.33	44.87	-	-	74	-29.13	275	264	Н
* 22.9797	42.72	MAv1	40.6	-49.37	33.95	54	-20.05	74	-40.05	275	264	Н
PK2 - KDB5580	74 Method: Ma	aximum Peak										
MAv1 - KDB55	8074 Option 1 N	Maximum RMS	Average									
* - indicates fre	equency in CFR:	15.205/IC7.2.2 I	Restricted Ban	ıd								
		,							•		•	

HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL CHAIN B

Manufacturer:	GE Inspection Te	echnologies	•									
Device: Mentor	Visual iQ											
Model:7260HN	IW											
Job#:10214545	Tested: GB											
Tx5785MHz 11a	a 6Mbps Ant B											
	·											
Radiated Emiss	ion Data	·										
Horizontal 8 - 1	2GHz											
Test Frequency (GHz)	Meter Reading (dBuV)	Detector	AF [dB/m]	Gain/Loss (dB)	Corrected Reading (dBuV/m)	FCC SubC 15.209 Avg [dBuV/m]	Margin (dB)	FCC SubC Peak [dBuV/m]	PK Margin (dB)	Azimuth [Degs]	Height [cm]	Polarity
* 11.5704	60.22	PK2	33.5	-48.22	45.5	-	-	74	-28.5	280	268	Н
* 11.5701	48.4	MAv1	33.5	-48.24	33.66	54	-20.34	74	-40.34	280	268	н
* 11.5704	59.14	PK2	33.5	-48.23	44.41	-	-	74	-29.59	360	290	v
* 11.5703	47.29	MAv1	33.5	-48.23	32.56	54	-21.44	74	-41.44	360	290	v
PK2 - KDB55807	74 Method: Max	imum Peak	•									
MAv1 - KDB558			verage									
	quency in CFR15											

HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL CHAIN B

Manufacturer:	GE Inspection Te	echnologies										
Device: Mentor	r Visual iQ											
Model:7260HM	1W											
Job#:10214545	Tested: GB											
Tx5825MHz 11	a 6Mbps Ant B											
Radiated Emiss	ion Data	•										
Horizontal 8 - 1	2GHz											
Test Frequency (GHz)	Meter Reading (dBuV)	Detector	AF [dB/m]	Gain/Loss (dB)	Corrected Reading (dBuV/m)	FCC SubC 15.209 Avg [dBuV/m]	Margin (dB)	FCC SubC Peak [dBuV/m]	PK Margin (dB)	Azimuth [Degs]	Height [cm]	Polarity
* 11.6505	60.36	PK2	33.6	-48.69	45.27	-	-	74	-28.73	49	231	н
* 11.6499	47.99	MAv1	33.5	-48.68	32.81	54	-21.19	74	-41.19	49	231	н
* 11.6503	64.42	PK2	33.6	-48.68	49.34	-	-	74	-24.66	354	173	V
* 11.6502	52.03	MAv1	33.6	-48.68	36.95	54	-17.05	74	-37.05	354	173	V
PK2 - KDB5580	74 Method: Max	imum Peak	·									
MAv1 - KDB558	3074 Option 1 M	aximum RMS A	verage									
* - indicates fre	equency in CFR1	5.205/IC7.2.2 R	estricted Band									

8.3.1. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.8 GHz BAND SISO

HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL CHAIN A

Manufacture	er: GE Inspe	ction Techn	ologies									
Device: Men	tor Visual i	Ω										
Model:7260	HMW											
Job#:102145	545 Teste	ed: AA										
Tx5745MHz	11n 20M H	T4 Ant A										
Radiated Em	ission Data											
Horizontal 8	- 12GHz											
Test Frequency (GHz)	Meter Reading (dBuV)	Detector	AF [dB/m]	Gain/Loss (dB)	Corrected Reading (dBuV/m)	FCC SubC 15.209 Avg [dBuV/m]	Margin (dB)	FCC SubC Peak [dBuV/m]	PK Margin (dB)	Azimuth [Degs]	Height [cm]	Polarity
*11.4898	57.57	PK2	33.4	-48.32	42.65	-	-	74	-31.35	0	277	V
*11.4899	45.35	MAv1	33.4	-48.32	30.43	54	-23.57	74	-43.57	0	277	٧
*11.49	56.43	PK2	33.4	-48.32	41.51	-	-	74	-32.49	68	130	Н
*11.4902	44.76	MAv1	33.4	-48.32	29.84	54	-24.16	74	-44.16	68	130	Ή
Horizontal 1	8 - 26.5GHz											
Test Frequency (GHz)	Meter Reading (dBuV)	Detector	AF [dB/m]	Gain/Loss (dB)	Corrected Reading (dBuV/m)	FCC SubC 15.209 Avg [dBuV/m]	Margin (dB)	FCC SubC Peak [dBuV/m]	PK Margin (dB)	Azimuth [Degs]	Height [cm]	Polarity
*22.9799	43.7	MAv1	40.6	-47.9	36.4	54	-17.6	74	-37.6	105	148	V
*22.9799	47.59	MAv1	40.6	-47.9	40.29	54	-13.71	74	-33.71	330	202	Н
*22.9801	57.11	PK2	40.6	-47.89	49.82	-	1	74	-24.18	330	202	Н
*22.9801	55.85	PK2	40.6	-47.89	48.56	-	1	74	-25.44	105	148	٧
PK2 - KDB55	8074 Meth	od: Maximu	m Peak									
MAv1 - KDB	558074 Opt	ion 1 Maxim	num RMS A	verage								
				estricted Ban	d							
			•				l				L	L

Note: Spurious emissions observed were similar to 802.11a 5745MHz chain a plot below 2GHz.

HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL CHAIN A

					1					ı		
Manufactur	er: GE Inspe	ction Techn	ologies									
Device: Mer	ntor Visual i	Q										
Model:7260	HMW											
Job#:10214	545 Teste	ed: AA										
Tx5785MHz	: 11n 20m H	T4 Ant A										
Radiated En	nission Data											
Horizontal 1	- 2GHz											
						FCC SubC						
Test Frequency	Meter Reading		AF	Gain/Loss	Corrected Reading	15.209 Avg	Margin	FCC SubC Peak	PK Margin	Azimuth	Height	
(GHz)	(dBuV)	Detector	[dB/m]	(dB)	(dBuV/m)	[dBuV/m]	(dB)	[dBuV/m]	(dB)	[Degs]	[cm]	Polarity
* 1.0399	73.83	PK2	24.2	-41.27	56.76	-	-	74	-17.24	21	153	V
* 1.0399	60.34	MAv1	24.2	-41.26	43.28	54	-10.72	-	-	21	153	V
* 1.0402	71.63	PK2	24.2	-41.26	54.57	-	-	74	-19.43	349	126	Н
* 1.0401	57.65	MAv1	24.2	-41.26	40.59	54	-13.41	-	-	349	126	Н
* 1.17	69.26	PK2	24.9	-41.51	52.65	-	-	74	-21.35	120	138	Н
* 1.1701	57.37	MAv1	24.9	-41.51	40.76	54	-13.24	-	-	120	138	Н
* 1.1701	70.96	PK2	24.9	-41.52	54.34	-	-	74	-19.66	3	209	V
* 1.17	61.47	MAv1	24.9	-41.51	44.86	54	-9.14	-	_	3	209	V
Horizontal 8	3 - 12GHz											
						FCC SubC						
Test Frequency	Meter Reading		AF	Gain/Loss	Corrected Reading	15.209 Avg	Margin	FCC SubC Peak	PK Margin	Azimuth	Height	
(GHz)	(dBuV)	Detector	[dB/m]	(dB)	(dBuV/m)	[dBuV/m]	(dB)	[dBuV/m]	(dB)	[Degs]	[cm]	Polarity
*11.57	46.48	MAv1	33.5	-47.74	32.24	54	-21.76	-	-	-	-	337
*11.5701	58.33	PK2	33.5	-47.74	44.09	-	-	74	-29.91	68.2	-24.11	337
*11.5701	45.99	MAv1	33.5	-47.74	31.75	54	-22.25	74	-42.25	68.2	-36.45	142
*11.5702	58.54	PK2	33.5	-47.73	44.31	-	-	74	-29.69	68.2	-23.89	142
Horizontal 1	.8 - 26.5GHz	!										
Test	Meter				Corrected	FCC SubC 15.209		FCC SubC	PK			
Frequency	Reading		AF	Gain/Loss	Reading	15.209 Avg	Margin	Peak	Margin	Azimuth	Height	
(GHz)	(dBuV)	Detector	[dB/m]	(dB)	(dBuV/m)	[dBuV/m]	(dB)	[dBuV/m]	(dB)	[Degs]	[cm]	Polarity
*23.1399	60.41	PK2	40.7	-50.17	50.94	-	-	74	-23.06	68.2	-17.26	357
*23.1399	50.66	MAv1	40.7	-50.17	41.19	54	-12.81	74	-32.81	68.2	-27.01	357
*23.1399	51.67	MAv1	40.7	-50.17	42.2	54	-11.8	74	-31.8	68.2	-26	328
*23.1402	60.57	PK2	40.7	-50.16	51.11	-	-	74	-22.89	68.2	-17.09	328
PK2 - KDB55	58074 Meth	od: Maximu	m Peak									
MANA KDD	558074 Ont	ion 1 Maxim	num RMS A	verage								

HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL CHAIN A

Manufacture: GE Inspection Technologies Series Seri						T	T		T	Г		1	
Model:7260+HWW	Manufacture	er: GE Inspe	ction Techn	ologies									
	Device: Mer	itor Visual i	Q										
TASS25MHz 11 20m HT4 Ant A Comparison	Model:7260	HMW											
Radiated Emission Data	Job#:102145	545 Teste	ed: AA										
Horizontal 1 - 2GHz	Tx5825MHz	11n 20m H	T4 Ant A										
Horizontal 1 - 2GHz													
Test Meter Frequency (GHz) Detector (GHz) Detecto	Radiated Em	ission Data											
Test Frequency (GHz)	Horizontal 1	- 2GHz											
CH12 GBUV Detector GBM GBB GBBUV/m GBB) GBBUV/m GBB) GBBUV/m GBB) CBBUV/m CBB) CBBUV/m CBB) CBBUV/m CBB) CBBUV/m CBB) CBBUV/m				AF	Gain/Loss		15.209	Margin			Azimuth	Height	
**1.0399		_	Detector	[dB/m]	(dB)			_	[dBuV/m]		[Degs]	_	Polarity
*1.0402 71.63 PK2 24.2 -41.26 54.57 74 -19.43 349 126 H *1.0401 57.65 MAV1 24.2 -41.26 40.59 54 -13.41 349 126 H *1.17 69.26 PK2 24.9 -41.51 52.65 74 -21.35 120 138 H *1.1701 57.37 MAV1 24.9 -41.51 40.76 54 -13.24 12.05 130 138 H *1.1701 70.96 PK2 24.9 -41.51 44.86 54 -31.24 19.66 3 20.9 V *1.17 61.47 MAV1 24.9 -41.51 44.86 54 -9.14 3 3 20.9 V *1.18 Horizontal 8 - 12GHz Test Reading (GBL) (GBW) Detector (GB/M) (GB) (GB) (GBW/M) (* 1.0399	73.83	PK2	24.2	-41.27	56.76	-	-	74	-17.24	21	153	V
*1.0401 57.65 MAV1 24.2 -41.26 40.59 54 -13.41 - - 349 126 H *1.17 69.26 PK2 24.9 -41.51 52.65 - - 74 -21.35 120 138 H *1.1701 57.37 MAV1 24.9 -41.51 40.76 54 -13.24 - - 120 138 H *1.1701 70.96 PK2 24.9 -41.51 44.86 54 -9.14 - - 3 209 V *1.17 61.47 MAV1 24.9 -41.51 44.86 54 -9.14 - - *Test Frequency (GH2) (Igh/m) (Igh) (Ig	* 1.0399	60.34	MAv1	24.2	-41.26	43.28	54	-10.72	-	-	21	153	V
**1.17	* 1.0402	71.63	PK2	24.2	-41.26	54.57	-	-	74	-19.43	349	126	Н
**1.1701 57.37 MAV1 24.9 -41.51 40.76 54 -13.24 - - 120 138 H **1.1701 70.96 PK2 24.9 -41.52 54.34 - - 74 -19.66 3 209 V **1.17 61.47 MAV1 24.9 -41.51 44.86 54 -9.14 - - 3 209 V Horizontal 8 - 12GHz Meter Frequency (GHz) Detector MAV1 33.5 -48.2 32.04 54 -21.96 74 -41.96 68.2 -36.16 H **11.6499 59.71 PK2 33.5 -48.2 43.71 - - 74 -28.99 68.2 -23.19 V **11.6499 58.41 PK2 33.5 -48.2 33.82 54 -20.18 74 -40.18 68.2 -34.38 V Horizontal 8 - 2.5GHz Mav1 33.5 -48.2 33.82 54 -20.18 74 -40.18 68.2 -34.38 V **11.65 Meter Frequency (GHz) (dBW) Detector (GB/m) (GB/m	* 1.0401	57.65	MAv1	24.2	-41.26	40.59	54	-13.41	-	-	349	126	Н
* 1.1701	* 1.17	69.26	PK2	24.9	-41.51	52.65	-	-	74	-21.35	120	138	Н
*1.17 61.47 MAV1 24.9 -41.51 44.86 54 -9.14 - - - 3 209 V Horizontal 8 - 12GHz	* 1.1701	57.37	MAv1	24.9	-41.51	40.76	54	-13.24	-	-	120	138	Н
Horizontal 8 - 12GHz	* 1.1701	70.96	PK2	24.9	-41.52	54.34	-	-	74	-19.66	3	209	V
Test Frequency (GHz)	* 1.17	61.47	MAv1	24.9	-41.51	44.86	54	-9.14	-	-	3	209	V
Test Frequency (GHz)													
Test Frequency (GHz)	Horizontal 8	- 12GHz											
*11.6499	Frequency	Reading				Reading	15.209 Avg	_	Peak	Margin		_	
*11.6499		,			, ,	, , ,	-	, ,		, ,			
*11.6499							54	-21.96	74				
*11.65	*11.6499	59.71	PK2	33.5	-48.2	45.01	-	-	74	-28.99	68.2	-23.19	V
Horizontal 18 - 26.5GHz	*11.6499	58.41	PK2	33.5	-48.2	43.71	-	-	74	-30.29	68.2	-24.49	Н
Test Frequency (GHz)	*11.65	48.52	MAv1	33.5	-48.2	33.82	54	-20.18	74	-40.18	68.2	-34.38	V
Test Frequency (GHz)	Harizantal 1	0 26 5611-											
*23.2999 51.14 MAV1 40.7 -47.32 44.52 54 -9.48 74 -29.48 68.2 -23.68 327 *23.3 58.32 PK2 40.7 -47.32 51.7 74 -22.3 68.2 -16.5 357 *23.3001 58.88 PK2 40.7 -47.31 52.27 74 -21.73 68.2 -15.93 327	Test Frequency	Meter Reading			-	Reading	15.209 Avg	_	Peak	Margin		_	Polarity
*23.3 58.32 PK2 40.7 -47.32 51.7 74 -22.3 68.2 -16.5 357 *23.3001 58.88 PK2 40.7 -47.31 52.27 74 -21.73 68.2 -15.93 327	*23.2999	50.55	MAv1	40.7	-47.32	43.93	54	-10.07	74	-30.07	68.2	-24.27	357
*23.3001 58.88 PK2 40.7 -47.31 52.27 74 -21.73 68.2 -15.93 327	*23.2999	51.14	MAv1	40.7	-47.32	44.52	54	-9.48	74	-29.48	68.2	-23.68	327
	*23.3	58.32	PK2	40.7	-47.32	51.7	-	-	74	-22.3	68.2	-16.5	357
			PK2	40.7	-47.31	52.27	-	-	74	-21.73	68.2	-15.93	327
PK2 - KDB558074 Method: Maximum Peak													
	PK2 - KDB55	8074 Meth	od: Maximu	m Peak									
MAv1 - KDB558074 Option 1 Maximum RMS Average	MAv1 - KDB	558074 Opt	ion 1 Maxim	num RMS A	verage								

HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL CHAIN B

Manufacture	er: GE Inspe	ction Techn	ologies									
Device: Men	tor Visual i	Ω										
Model:7260	HMW											
Job#:102145	545 Teste	ed: AA										
Tx5745MHz	11n 20m H	T4 Ant B										
Radiated Em	ission Data											
Horizontal 1	- 2GHz											
Test Frequency (GHz)	Meter Reading (dBuV)	Detector	AF [dB/m]	Gain/Loss (dB)	Corrected Reading (dBuV/m)	FCC SubC 15.209 Avg [dBuV/m]	Margin (dB)	FCC SubC Peak [dBuV/m]	PK Margin (dB)	Azimuth [Degs]	Height [cm]	Polarity
* 1.0399	73.83	PK2	24.2	-41.27	56.76		-	74	-17.24	21	153	V
* 1.0399	60.34	MAv1	24.2	-41.26	43.28	54	-10.72	-	-	21	153	V
* 1.0402	71.63	PK2	24.2	-41.26	54.57	-	-10.72	74	-19.43	349	126	Н
* 1.0401	57.65	MAv1	24.2	-41.26	40.59	54	-13.41	-	-	349	126	Н
* 1.17	69.26	PK2	24.9	-41.51	52.65	-		74	-21.35	120	138	Н
* 1.1701	57.37	MAv1	24.9	-41.51	40.76	54	-13.24	-	-	120	138	Н
* 1.1701	70.96	PK2	24.9	-41.52	54.34	-	- 13.21	74	-19.66	3	209	V
* 1.17	61.47	MAv1	24.9	-41.51	44.86	54	-9.14	-	-	3	209	V
1.17	01.47	IVIAVI	24.5	71.51	44.00	34	3.14			<u> </u>	203	•
Horizontal 8	- 12GHz											
Test Frequency (GHz)	Meter Reading (dBuV)	Detector	AF [dB/m]	Gain/Loss (dB)	Corrected Reading (dBuV/m)	FCC SubC 15.209 Avg [dBuV/m]	Margin (dB)	FCC SubC Peak [dBuV/m]	PK Margin (dB)	Azimuth [Degs]	Height [cm]	Polarity
* 11.4902	58.95	PK2	33.4	-48.72	43.63	-		74	-30.37	252	185	V
* 11.4897	46.6	MAv1	33.4	-48.72	31.28	54	-22.72	-	-	252	185	V
* 11.49	58.99	PK2	33.4	-48.72	43.67	-	-	74	-30.33	42	253	Н
* 11.4902	46.69	MAv1	33.4	-48.72	31.37	54	-22.63	-	-	42	253	Н
Horizontal 1	8 - 26.5GHz											
Test Frequency (GHz)	Meter Reading (dBuV)	Detector	AF [dB/m]	Gain/Loss (dB)	Corrected Reading (dBuV/m)	FCC SubC 15.209 Avg [dBuV/m]	Margin (dB)	FCC SubC Peak [dBuV/m]	PK Margin (dB)	Azimuth [Degs]	Height [cm]	Polarity
* 22.9803	54.78	PK2	40.6	-49.37	46.01	-	-	74	-27.99	104	275	V
* 22.98	42.39	MAv1	40.6	-49.37	33.62	54	-20.38	-	-	104	275	V
* 22.9803	55.8	PK2	40.6	-49.37	47.03	V	-6.97	74	-26.97	334	121	Н
* 22.98	46.76	MAv1	40.6	-49.37	37.99	54	-16.01	-	-	334	121	Н
PK2 - KDB55	8074 Meth	od: Maximu	m Peak									
MAv1 - KDB	558074 Opt	ion 1 Maxim	num RMS A	verage								

HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL CHAIN B

Manufactur	er: GE Inspe	ction Techn	ologies									
Device: Mer	ntor Visual i	Q										
Model:7260	HMW											
Job#:10214	545 Teste	ed: AA										
Tx5785MHz	11n 20m H	T4 Ant B										
Radiated Em	nission Data											
	orizontal 8 - 12GHz											
Horizontal 8	- 12GHz											
Test Frequency (GHz)	t Meter quency Reading		AF [dB/m]	Gain/Loss (dB)	Corrected Reading (dBuV/m)	FCC SubC 15.209 Avg [dBuV/m]	Margin (dB)	FCC SubC Peak [dBuV/m]	PK Margin (dB)	Azimuth [Degs]	Height [cm]	Polarity
*11.5699	47.91	MAv1	33.5	-47.74	33.67	54	-20.33	-	1	33	195	Н
*11.57	48.88	MAv1	33.5	-47.74	34.64	54	-19.36	-	-	317	133	V
*11.57	60.86	PK2	33.5	-47.74	46.62	-	-	74	-27.38	317	133	V
*11.57	59.91	PK2	33.5	-47.74	45.67	-	-	74	-28.33	33	195	Н
PK2 - KDB55	8074 Meth	od: Maximu	m Peak									
MAv1 - KDB	558074 Opt	ion 1 Maxim	num RMS A	verage								
* - indicates	frequency	in CFR15.20!	5/IC7.2.2 R	estricted Ban	d							

Note: Spurious emissions observed were similar to 802.11n 20m 5745MHz chain b plot below 2GHz.

HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL CHAIN B

Manufactur	er: GE Inspe	ction Techn	ologies									
Device: Mer	ntor Visual i	α										
Model:7260	HMW											
Job#:10214	545 Teste	ed: AA										
Tx5825MHz	11n 20M H	T4 Ant B										
Radiated Em	nission Data											
1000												
Horizontal 8	t Meter quency Reading AF Gain/L											
Test Frequency (GHz)		Detector	AF [dB/m]	Gain/Loss (dB)	Corrected Reading (dBuV/m)		Margin (dB)	FCC SubC Peak [dBuV/m]	PK Margin (dB)	Azimuth	Height [cm]	Polarity
*11.6498	59.34	PK2	33.5	-48.2	44.64	-	-	74	-29.36	327	144	Н
*11.6499	47.64	MAv1	33.5	-48.2	32.94	54	-21.06	74	-41.06	327	144	Н
*11.65	50.21	MAv1	33.5	-48.2	35.51	54	-18.49	74	-38.49	317	104	V
*11.6502	61.11	PK2	33.6	-48.2	46.51	-	-	74	-27.49	317	104	V
PK2 - KDB55	8074 Meth	od: Maximu	m Peak									
MAv1 - KDB	558074 Opt	ion 1 Maxim	num RMS A	verage								
* - indicates	frequency	in CFR15.20!	5/IC7.2.2 R	estricted Ban	d							

Note: Spurious emissions observed were similar to 802.11n 20m 5745MHz chain b plot below 2GHz.

8.3.2. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.8 GHz BAND SISO

HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL CHAIN A

						ı	1	1	1		ī	T .
Manufacturer:	GE Inspection Te	echnologies										
Device: Mento	r Visual iQ											
Model:7260HN												
Job#:1021454	5 Tested: GB											
Tx5755MHz 11	In 40M HT4 Ant A	A I										
Radiated Emis	sion Data											
Horizontal 8 - : Test	12GHz Meter				Corrected	FCC SubC		FCC SubC	PK			
Frequency (GHz)	Reading (dBuV)	Detector	AF [dB/m]	Gain/Loss	Reading (dBuV/m)	15.209 Avg [dBuV/m]	Margin (dB)	Peak [dBuV/m]	Margin (dB)	Azimuth [Degs]	Height [cm]	Polarity
	(dBuV) Detector [dB/m] (dB) 53.99 PK2 33.4					-	-		, ,			
* 11.5107	53.99	PK2	33.4	-48.33	39.06			74	-34.94	0	131	V
* 11.51	41.96	MAv1	33.4	-48.31	27.05	54	-26.95	74	-46.95	0	131	V
* 11.5094	60.8	PK2	33.4	-48.3	45.9			74	-28.1	324	293	Н
* 11.51	48.22	MAv1	33.4	-48.31	33.31	54	-20.69	74	-40.69	324	293	н
Horizontal 18	26 EGU-											
Test	Meter				Corrected	FCC SubC		FCC SubC	PK			
Frequency (GHz)	Reading (dBuV)	Detector	AF [dB/m]	Gain/Loss (dB)	Reading (dBuV/m)	15.209 Avg [dBuV/m]	Margin (dB)	Peak [dBuV/m]	Margin (dB)	Azimuth [Degs]	Height [cm]	Polarity
* 23.0198	58.42	PK2	40.6	-48.16	50.86	-	-	74	-23.14	355	251	Н
							42.24					
* 23.0199	48.25	MAv1	40.6	-48.16	40.69	- 54	-13.31	74	-33.31	355	251	Н
* 23.0196	57.71	PK2	40.6	-48.16	50.15			74	-23.85	326	237	V
* 23.0199	47.21	MAv1	40.6	-48.16	39.65	54	-14.35	74	-34.35	326	237	V
PK2 - KDB5580	74 Method: Max	imum Peak										
MAv1 - KDR55	8074 Option 1 M	avimum RMS A	verage									
* - indicates fr	equency in CFR15					- 002 44	20 57	 45MHz cha	in le elle		211-	

HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL CHAIN A

Manufacturer:	GE Inspection Te	echnologies	1									
Device: Mentor	r Visual iQ	ı										
Model:7260HM	1W											
Job#:10214545	Tested: GB											
Tx5795MHz 11	n 40M HT4 Ant A	4										
Radiated Emiss	ion Data											
Horizontal 8 - 1												
Test Frequency (GHz)	Meter Reading (dBuV)	Detector	AF [dB/m]	Gain/Loss (dB)	Corrected Reading (dBuV/m)	FCC SubC 15.209 Avg [dBuV/m]	Margin (dB)	FCC SubC Peak [dBuV/m]	PK Margin (dB)	Azimuth [Degs]	Height [cm]	Polarity
* 11.5897	60	PK2	33.5	-47.72	45.78	-	-	74	-28.22	308	260	Н
* 11.5901	48.05	MAv1	33.5	-47.73	33.82	54	-20.18	74	-40.18	308	260	Н
* 11.5904	60.42	PK2	33.5	-47.74	46.18	-	-	74	-27.82	350	215	v
* 11.59	48.65	MAv1	33.5	-47.73	34.42	54	-19.58	74	-39.58	350	215	v
PK2 - KDB5580	2 - KDB558074 Method: Maximum Peak											
MAv1 - KDB558	Av1 - KDB558074 Option 1 Maximum RMS Average											
* - indicates fre	equency in CFR15	5.205/IC7.2.2 R	estricted Band									

HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL CHAIN B

									•	•		•
Manufacturer: 6	GE Inspection Te	echnologies										
Device: Mentor	Visual iQ											
Model:7260HM	w											
Job#:10214545		I										
Tx5755MHz 11n	40M HT4 Ant E	3										
Radiated Emission	on Data											
Horizontal 8 - 12	2GHz											
Test Frequency (GHz)	Meter Reading (dBuV)	Detector	AF [dB/m]	Gain/Loss (dB)	Corrected Reading (dBuV/m)	FCC SubC 15.209 Avg [dBuV/m]	Margin (dB)	FCC SubC Peak [dBuV/m]	PK Margin (dB)	Azimuth [Degs]	Height [cm]	Polarity
* 11.5105					44.41	-	-	74	-29.59	70	132	v
* 11.511	47.75	MAv1	33.4	-48.34	32.81	54	-21.19	74	-41.19	70	132	v
* 11.5101	59.42	PK2	33.4	-48.31	44.51	-	-	74	-29.49	275	276	н
* 11.511	47.84	MAv1	33.4	-48.34	32.9	54	-21.1	74	-41.1	275	276	н
Horizontal 18 - 2	26 5GHz											
Test Frequency (GHz)	Meter Reading (dBuV)	Detector	AF [dB/m]	Gain/Loss (dB)	Corrected Reading (dBuV/m)	FCC SubC 15.209 Avg [dBuV/m]	Margin (dB)	FCC SubC Peak [dBuV/m]	PK Margin (dB)	Azimuth [Degs]	Height [cm]	Polarity
* 23.0196	57.18	PK2	40.6	-48.16	49.62	-	-	74	-24.38	331	270	н
* 23.0199	45.08	MAv1	40.6	-48.16	37.52	54	-16.48	74	-36.48	331	270	н
* 23.0198	58.18	PK2	40.6	-48.16	50.62	-	-	74	-23.38	14	235	V
* 23.0199	48.56	MAv1	40.6	-48.16	41	54	-13	74	-33	14	235	V
23.0177	40.30	IVIAVI	40.0	-40.10	41	34	-13	74	-33	14	233	·
PK2 - KDB55807	K2 - KDB558074 Method: Maximum Peak											
MAv1 - KDB5580	Av1 - KDB558074 Option 1 Maximum RMS Average											
* - indicates fred	guency in CFR15	5.205/IC7.2.2 Re	stricted Band									
							·	450411- aba				

HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL CHAIN B

Davidson Maria	. Vi1:0											
Device: Mentor	0214545 Tested: GB 5MHz 11n 40M HT4 Ant B ed Emission Data intal 8 - 12GHz Meter Reading (dBuV) Detector [dB/m] (dB) 903 62.74 PK2 33.5 91 50.76 MAv1 33.5 9 60.75 PK2 33.5											
Model:7260HN	1W											
Job#:10214545	Tested: GB											
Tx5795MHz 11	n 40M HT4 Ant E	3										
Radiated Emiss	ion Data											
Horizontal 8 - 1	2GHz											
Test Frequency (GHz)	Reading	Detector		Gain/Loss (dB)	Corrected Reading (dBuV/m)	FCC SubC 15.209 Avg [dBuV/m]	Margin (dB)	FCC SubC Peak [dBuV/m]	PK Margin (dB)	Azimuth [Degs]	Height [cm]	Polarity
* 11.5903	62.74	PK2	33.5	-47.74	48.5	-	-	74	-25.5	0	273	V
* 11.591	7260HMW 7214545 Tested: GB MHz 11n 40M HT4 Ant B Md Emission Data rital 8 - 12GHz mcy Reading (dBuV) Detector [dB/m] (dB 703 62.74 PK2 33.5 1 50.76 MAv1 33.5 60.75 PK2 33.5 98 48.52 MAv1 33.5		-47.76	36.5	54	-17.5	74	-37.5	0	273	V	
* 11.59	Meter Reading AF Gain/ (dBuV) Detector [dB/m] (dB)			-47.73	46.52	-	-	74	-27.48	331	188	Н
* 11.5898	48.52	MAv1	33.5	-47.72	34.3	54	-19.7	74	-39.7	331	188	Н
PK2 - KDB5 <u>580</u>	K2 - KDB558074 Method: Maximum Peak											
MAv1 - KDB558	Av1 - KDB558074 Option 1 Maximum RMS Average											
* - indicates fre	quency in CFR15	5.205/IC7.2.2 Re	estricted Band									

8.3.3. TX ABOVE 1 GHz 802.11n AC80 MODE IN THE 5.8 GHz BAND SISO

HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL CHAIN A

Manufacturer:	GE Inspection Te	echnologies										
Device: Mentor	r Visual iQ											
Model:7260HN	1W											
Job#:10214545	Tested: GB											
Tx5775MHz 11	n AC80 VHT6 An	t A										
Radiated Emiss	Radiated Emission Data											
	Horizontal 8 - 12GHz											
Test Frequency (GHz)	Meter Reading (dBuV)	Detector	AF [dB/m]	Gain/Loss (dB)	Corrected Reading (dBuV/m)	FCC SubC 15.209 Avg [dBuV/m]	Margin (dB)	FCC SubC Peak [dBuV/m]	PK Margin (dB)	Azimuth [Degs]	Height [cm]	Polarity
* 11.5509	60.21	PK2	33.5	-47.7	46.01	-	-	74	-27.99	47	160	Н
* 11.5505	47.33	MAv1	33.5	-47.72	33.11	54	-20.89	74	-40.89	47	160	н
* 11.5507	59.29	PK2	33.5	-47.71	45.08	1	-	74	-28.92	161	182	V
* 11.551	47.39	MAv1	33.5	-47.7	33.19	54	-20.81	74	-40.81	161	182	V

PK2 - KDB558074 Method: Maximum Peak	
MAv1 - KDB558074 Option 1 Maximum RMS Average	
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band	

Note: Spurious emissions observed were similar to 802.11n 20m 5745MHz chain b plot below 2GHz. No additional emissions above the system noise floor.

FORM NO: CCSUP4701D

HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL CHAIN B

Manufacturer: 0	GE Inspection Te	echnologies										
Device: Mentor	Visual iQ											
Model:7260HM	w											
Job#:10214545	Tested: GB											
Tx5775MHz 11r	n AC80 VHT6 An	t B										
Radiated Emissi	on Data											
Horizontal 8 - 1	2GHz											
Test Frequency (GHz)	Meter Reading (dBuV) Detector Meter AF [dB/m]			Gain/Loss (dB)	Corrected Reading (dBuV/m)	FCC SubC 15.209 Avg [dBuV/m]	Margin (dB)	FCC SubC Peak [dBuV/m]	PK Margin (dB)	Azimuth [Degs]	Height [cm]	Polarity
* 11.5501	Meter Reading AF		33.5	-47.74	45.3	-	-	74	-28.7	145	118	٧
* 11.5508	47.01	MAv1	33.5	-47.73	32.78	54	-21.22	74	-41.22	145	118	٧
* 11.550	58.72	PK2	33.5	-47.73	44.49	-	1	74	-29.51	54	279	Н
* 11.5050	47.06	MAv1	33.5	-47.71	32.85	54	-21.15	74	-41.15	54	279	Н
Horizontal 12 - :	18GHz											
PK2 - KDB55807	K2 - KDB558074 Method: Maximum Peak											
MAv1 - KDB558	Av1 - KDB558074 Option 1 Maximum RMS Average											
* - indicates fre												

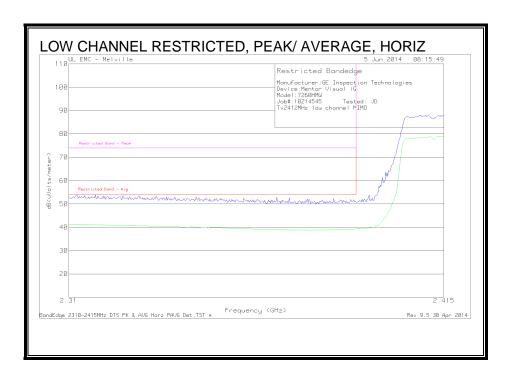
8.4. TRANSMITTER ABOVE 1 GHz MIMO

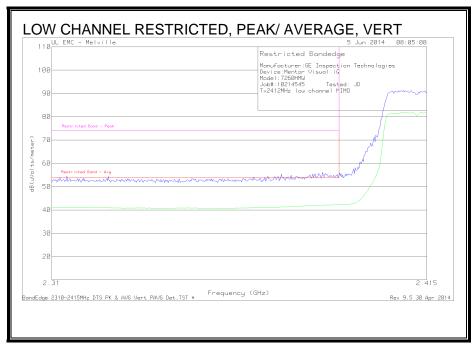
8.4.1. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 2.4 GHz BAND MIMO

DATE: 2014-08-13

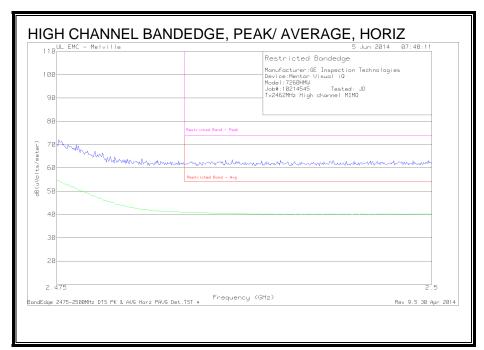
IC: 11929A-7260H

RESTRICTED BANDEDGE (LOW MIMO)

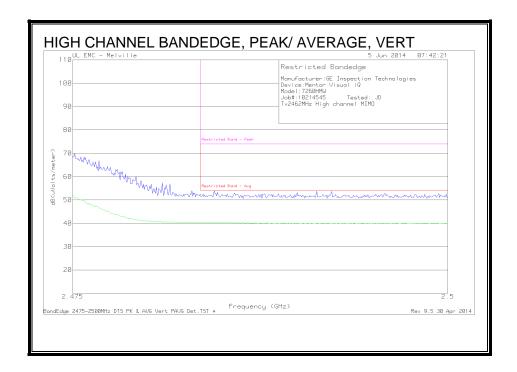




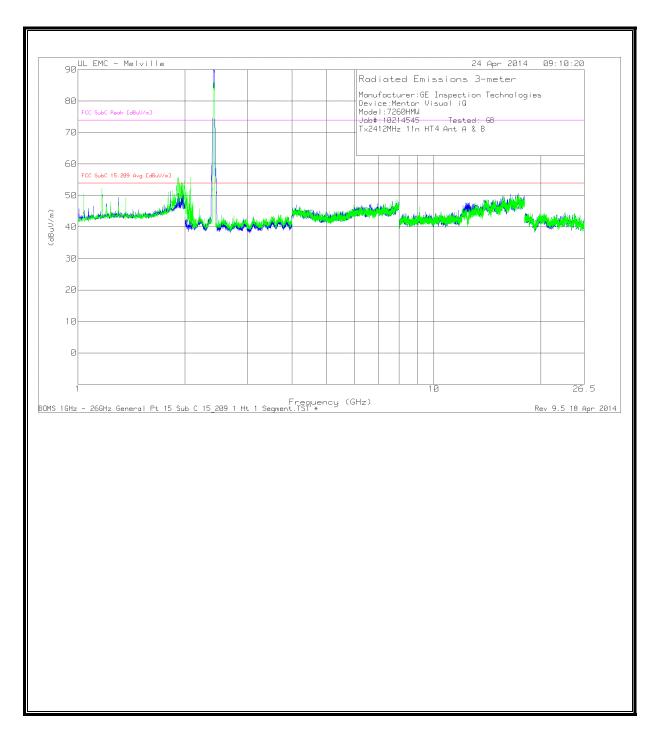
AUTHORIZED BANDEDGE (HIGH MIMO)



DATE: 2014-08-13



HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL MIMO



DATE: 2014-08-13

DATA

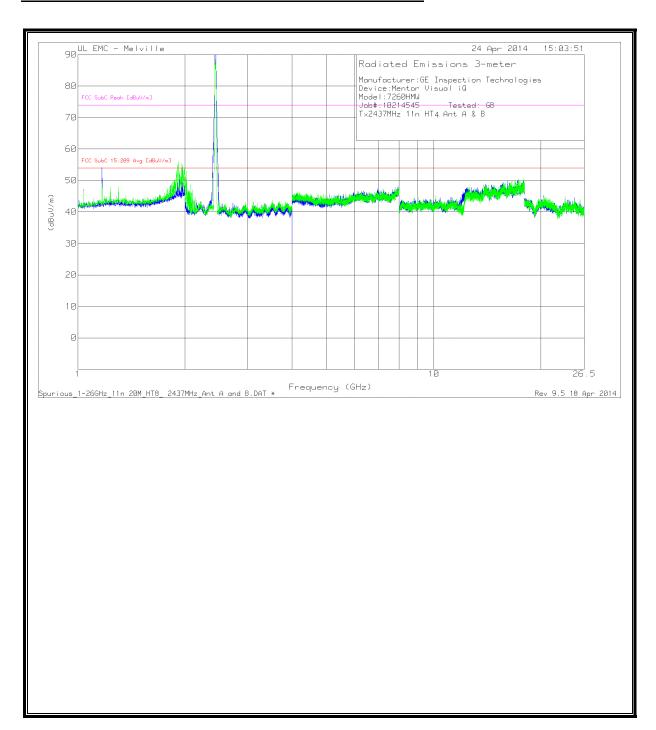
Frequency (GHz)	Meter Reading	Det	AF [dB/m]	Gain/Loss (dB)	Corrected Reading	FCC SubC 15.209	Margin (dB)	FCC SubC Peak	PK Margin	Azimuth (Degs)	Height (cm)	Polarity
(3.1.2)	(dBuV)		[0.5/]	(45)	(dBuV/m)	Avg	(45)	[dBuV/m]	(dB)	(5083)	(6,	
	, ,				, ,	[dBuV/m]			` ,			
* 1.04	55.16	MAv1	24.2	-44.6	34.76	54	-19.24	-	-	300	126	Н
* 1.234	55.43	MAv1	25	-44.59	35.84	54	-18.16	-	-	304	110	Н
* 1.3	61.83	MAv1	25.1	-44.75	42.18	54	-11.82	-	-	324	181	Н
* 1.365	60.74	MAv1	25	-44.21	41.53	54	-12.47	-	-	319	175	Н
* 1.124	51.3	MAv1	24.7	-44.54	31.46	54	-22.54	-	-	129	339	Н
* 1.04	55.12	MAv1	23.9	-44.59	34.43	54	-19.57	-	-	0	115	V
* 1.17	57.09	MAv1	24.9	-44.97	37.02	54	-16.98	-	-	0	195	V
* 1.235	58.05	MAv1	25.2	-44.66	38.59	54	-15.41	-	-	21	137	V
* 1.3	58.61	MAv1	25.4	-44.75	39.26	54	-14.74	-	-	15	124	V
* 1.365	58.52	MAv1	25.2	-44.2	39.52	54	-14.48	-	-	311	165	V
* 1.203	57.52	PK2	25	-44.64	37.88	-	-	74	-36.12	230	205	Н
* 1.04	69.73	PK2	24.2	-44.59	49.34	-	-	74	-24.66	300	126	Н
* 1.234	67.22	PK2	25	-44.58	47.64	-	-	74	-26.36	304	110	Н
* 1.3	71.43	PK2	25.1	-44.74	51.79	-	-	74	-22.21	324	181	Н
* 1.365	70.88	PK2	25	-44.2	51.68	-	-	74	-22.32	319	175	Н
* 1.124	63.61	PK2	24.7	-44.54	43.77	-	-	74	-30.23	129	339	Н
* 1.04	68.58	PK2	23.9	-44.6	47.88	-	-	74	-26.12	0	115	V
* 1.17	68.68	PK2	25	-44.97	48.71	-	-	74	-25.29	0	195	V
* 1.235	69.8	PK2	25.2	-44.65	50.35	-	-	74	-23.65	21	137	V
* 1.3	69.51	PK2	25.4	-44.75	50.16	-	-	74	-23.84	15	124	V
* 1.365	66.71	PK2	25.2	-44.2	47.71	-	-	74	-26.29	311	165	V

Note: No additional spurious emissions observed in restricted bands No additional emissions above the system noise floor.

PK2 - KDB558074 Method: Maximum Peak

^{* -} indicates frequency in CFR15.205/IC7.2.2 Restricted Band

HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL MIMO



DATE: 2014-08-13

DATA

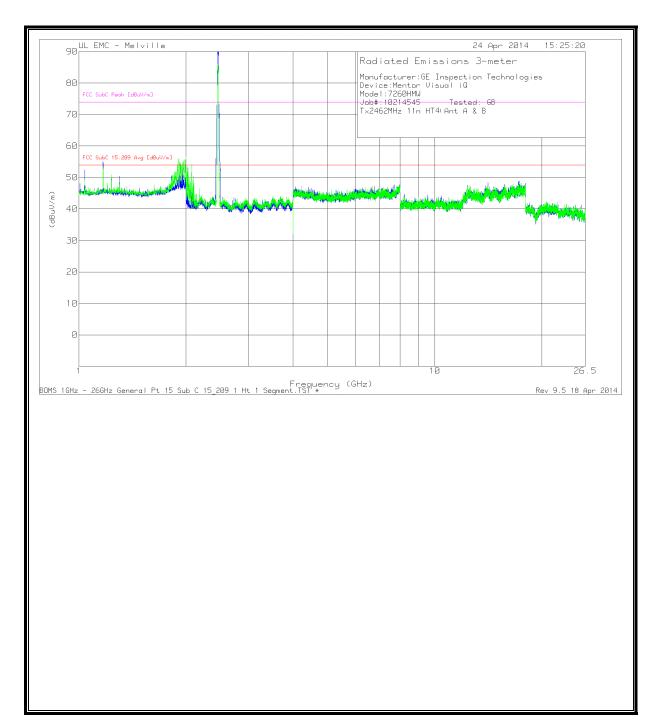
Frequency (GHz)	Meter Reading	Det	AF [dB/m]	Gain/Loss (dB)	Corrected Reading	FCC SubC 15.209	Margin (dB)	FCC SubC Peak	PK Margin	Azimuth (Degs)	Height (cm)	Polarity
	(dBuV)				(dBuV/m)	Avg		[dBuV/m]	(dB)			
						[dBuV/m]						
* 1.04	55.16	MAv1	24.2	-44.6	34.76	54	-19.24	-	-	300	126	Н
* 1.234	55.43	MAv1	25	-44.59	35.84	54	-18.16	-	-	304	110	Н
* 1.3	61.83	MAv1	25.1	-44.75	42.18	54	-11.82	-	-	324	181	Н
* 1.365	60.74	MAv1	25	-44.21	41.53	54	-12.47	-	-	319	175	Н
* 1.124	51.3	MAv1	24.7	-44.54	31.46	54	-22.54	-	-	129	339	Н
* 1.04	55.12	MAv1	23.9	-44.59	34.43	54	-19.57	-	-	0	115	V
* 1.17	57.09	MAv1	24.9	-44.97	37.02	54	-16.98	-	-	0	195	V
* 1.235	58.05	MAv1	25.2	-44.66	38.59	54	-15.41	-	-	21	137	V
* 1.3	58.61	MAv1	25.4	-44.75	39.26	54	-14.74	-	-	15	124	V
* 1.365	58.52	MAv1	25.2	-44.2	39.52	54	-14.48	-	-	311	165	V
* 1.203	57.52	PK2	25	-44.64	37.88	-	-	74	-36.12	230	205	Н
* 1.04	69.73	PK2	24.2	-44.59	49.34	-	-	74	-24.66	300	126	Н
* 1.234	67.22	PK2	25	-44.58	47.64	-	-	74	-26.36	304	110	Н
* 1.3	71.43	PK2	25.1	-44.74	51.79	-	-	74	-22.21	324	181	Н
* 1.365	70.88	PK2	25	-44.2	51.68	-	-	74	-22.32	319	175	Н
* 1.124	63.61	PK2	24.7	-44.54	43.77	-	-	74	-30.23	129	339	Н
* 1.04	68.58	PK2	23.9	-44.6	47.88	-	-	74	-26.12	0	115	V
* 1.17	68.68	PK2	25	-44.97	48.71	-	-	74	-25.29	0	195	V
* 1.235	69.8	PK2	25.2	-44.65	50.35	-	-	74	-23.65	21	137	V
* 1.3	69.51	PK2	25.4	-44.75	50.16	-	-	74	-23.84	15	124	V
* 1.365	66.71	PK2	25.2	-44.2	47.71	-	-	74	-26.29	311	165	V

Note: No additional spurious emissions observed in restricted bands No additional emissions above the system noise floor.

PK2 - KDB558074 Method: Maximum Peak

^{* -} indicates frequency in CFR15.205/IC7.2.2 Restricted Band

HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL MIMO



DATE: 2014-08-13

DATA

Frequency (GHz)	Meter Reading	Det	AF [dB/m]	Gain/Loss (dB)	Corrected Reading	FCC SubC 15.209	Margin (dB)	FCC SubC Peak	PK Margin	Azimuth (Degs)	Height (cm)	Polarity
	(dBuV)				(dBuV/m)	Avg		[dBuV/m]	(dB)			
						[dBuV/m]						
* 1.04	55.16	MAv1	24.2	-44.6	34.76	54	-19.24	-	-	300	126	Н
* 1.234	55.43	MAv1	25	-44.59	35.84	54	-18.16	-	-	304	110	Н
* 1.3	61.83	MAv1	25.1	-44.75	42.18	54	-11.82	-	-	324	181	Н
* 1.365	60.74	MAv1	25	-44.21	41.53	54	-12.47	-	-	319	175	Н
* 1.124	51.3	MAv1	24.7	-44.54	31.46	54	-22.54	-	-	129	339	Н
* 1.04	55.12	MAv1	23.9	-44.59	34.43	54	-19.57	-	-	0	115	V
* 1.17	57.09	MAv1	24.9	-44.97	37.02	54	-16.98	-	-	0	195	V
* 1.235	58.05	MAv1	25.2	-44.66	38.59	54	-15.41	-	-	21	137	V
* 1.3	58.61	MAv1	25.4	-44.75	39.26	54	-14.74	-	-	15	124	V
* 1.365	58.52	MAv1	25.2	-44.2	39.52	54	-14.48	-	-	311	165	V
* 1.203	57.52	PK2	25	-44.64	37.88	-	-	74	-36.12	230	205	Н
* 1.04	69.73	PK2	24.2	-44.59	49.34	-	-	74	-24.66	300	126	Н
* 1.234	67.22	PK2	25	-44.58	47.64	-	-	74	-26.36	304	110	Н
* 1.3	71.43	PK2	25.1	-44.74	51.79	-	-	74	-22.21	324	181	Н
* 1.365	70.88	PK2	25	-44.2	51.68	-	-	74	-22.32	319	175	Н
* 1.124	63.61	PK2	24.7	-44.54	43.77	-	-	74	-30.23	129	339	Н
* 1.04	68.58	PK2	23.9	-44.6	47.88	-	-	74	-26.12	0	115	V
* 1.17	68.68	PK2	25	-44.97	48.71	-	-	74	-25.29	0	195	V
* 1.235	69.8	PK2	25.2	-44.65	50.35	-	-	74	-23.65	21	137	V
* 1.3	69.51	PK2	25.4	-44.75	50.16	-	-	74	-23.84	15	124	V
* 1.365	66.71	PK2	25.2	-44.2	47.71	-	-	74	-26.29	311	165	V

Note: No additional spurious emissions observed in restricted bands No additional emissions above the system noise floor.

PK2 - KDB558074 Method: Maximum Peak

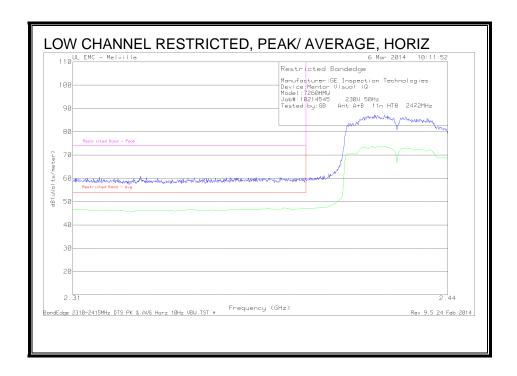
^{* -} indicates frequency in CFR15.205/IC7.2.2 Restricted Band

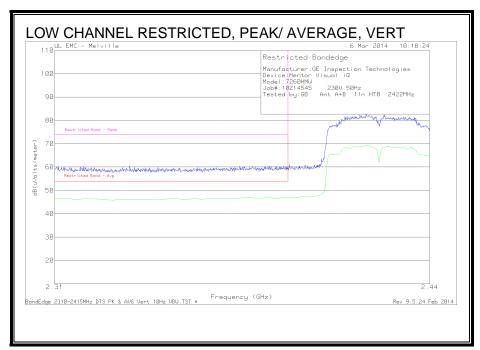
8.4.2. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 2.4 GHz BAND MIMO

DATE: 2014-08-13

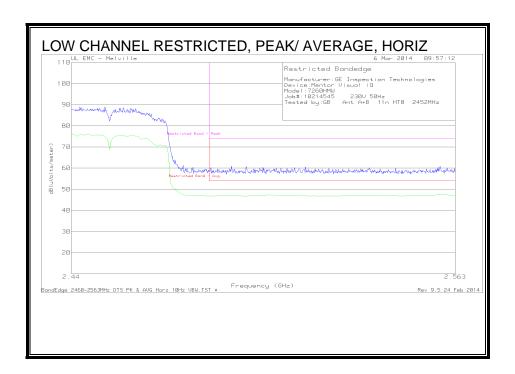
IC: 11929A-7260H

RESTRICTED BANDEDGE LOW CHANNEL (MIMO)

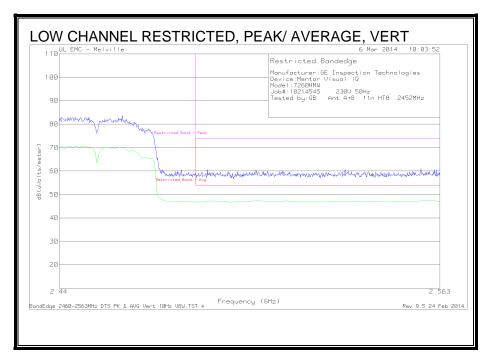




RESTRICTED BANDEDGE HIGH CHANNEL (MIMO)



DATE: 2014-08-13

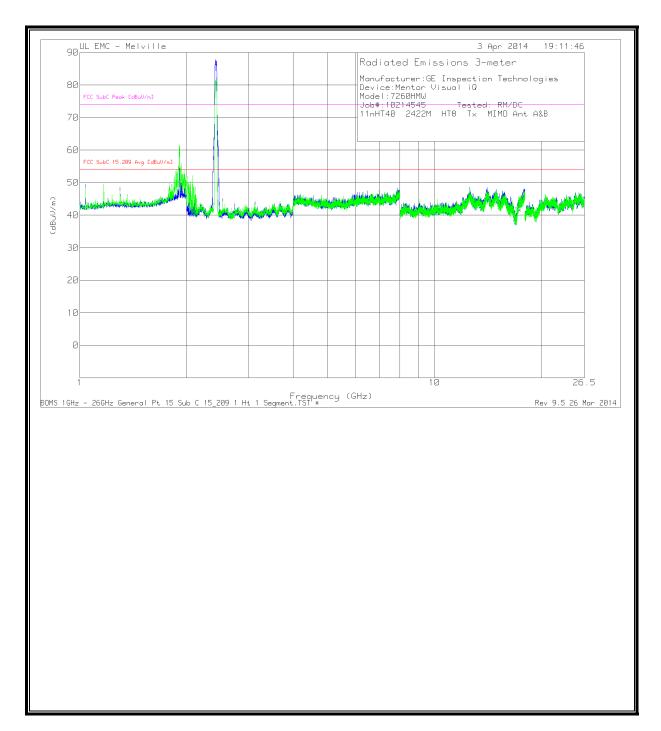


8.4.3. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 2.4 GHz BAND MIMO

DATE: 2014-08-13

IC: 11929A-7260H

HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL MIMO



DATA

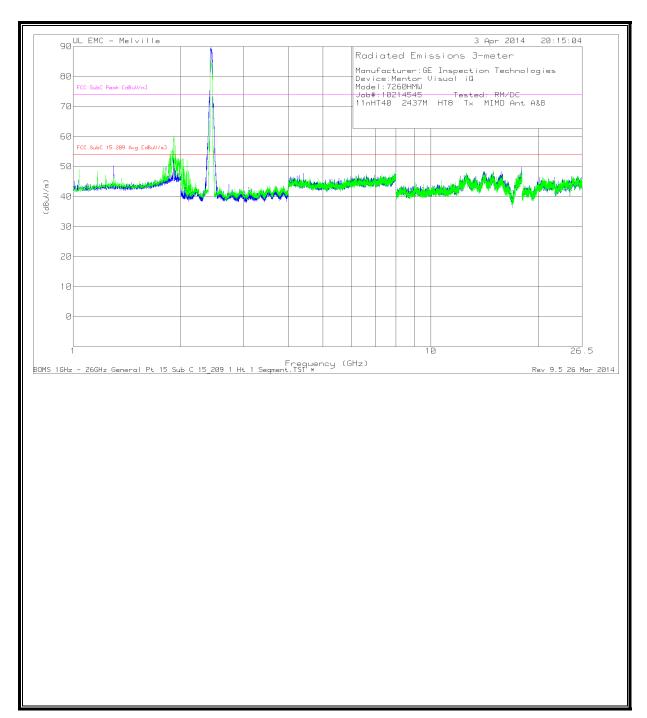
Frequency	Meter	Det	AF	Gain/Loss	Corrected	FCC SubC	Margin	FCC SubC	PK	Azimuth	Height	Polarity
(GHz)	Reading		[dB/m]	(dB)	Reading	15.209	(dB)	Peak	Margin	(Degs)	(cm)	
	(dBuV)				(dBuV/m)	Avg		[dBuV/m]	(dB)			
						[dBuV/m]						
* 1.04	55.16	MAv1	24.2	-44.6	34.76	54	-19.24	-	-	300	126	Н
* 1.234	55.43	MAv1	25	-44.59	35.84	54	-18.16	-	-	304	110	Н
* 1.3	61.83	MAv1	25.1	-44.75	42.18	54	-11.82	-	-	324	181	Н
* 1.365	60.74	MAv1	25	-44.21	41.53	54	-12.47	-	-	319	175	Н
* 1.124	51.3	MAv1	24.7	-44.54	31.46	54	-22.54	-	-	129	339	Н
* 1.04	55.12	MAv1	23.9	-44.59	34.43	54	-19.57	-	-	0	115	V
* 1.17	57.09	MAv1	24.9	-44.97	37.02	54	-16.98	-	-	0	195	٧
* 1.235	58.05	MAv1	25.2	-44.66	38.59	54	-15.41	-	-	21	137	V
* 1.3	58.61	MAv1	25.4	-44.75	39.26	54	-14.74	-	-	15	124	V
* 1.365	58.52	MAv1	25.2	-44.2	39.52	54	-14.48	-	-	311	165	V
* 1.203	57.52	PK2	25	-44.64	37.88	-	-	74	-36.12	230	205	Н
* 1.04	69.73	PK2	24.2	-44.59	49.34	-	-	74	-24.66	300	126	Н
* 1.234	67.22	PK2	25	-44.58	47.64	-	-	74	-26.36	304	110	Н
* 1.3	71.43	PK2	25.1	-44.74	51.79	-	-	74	-22.21	324	181	Н
* 1.365	70.88	PK2	25	-44.2	51.68	-	-	74	-22.32	319	175	Н
* 1.124	63.61	PK2	24.7	-44.54	43.77	-	-	74	-30.23	129	339	Н
* 1.04	68.58	PK2	23.9	-44.6	47.88	-	-	74	-26.12	0	115	V
* 1.17	68.68	PK2	25	-44.97	48.71	-	-	74	-25.29	0	195	V
* 1.235	69.8	PK2	25.2	-44.65	50.35	-	-	74	-23.65	21	137	V
* 1.3	69.51	PK2	25.4	-44.75	50.16	-	-	74	-23.84	15	124	V
* 1.365	66.71	PK2	25.2	-44.2	47.71	-	-	74	-26.29	311	165	V

Note: No additional spurious emissions observed in restricted bands No additional emissions above the system noise floor.

PK2 - KDB558074 Method: Maximum Peak

^{* -} indicates frequency in CFR15.205/IC7.2.2 Restricted Band

HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL MIMO



DATA

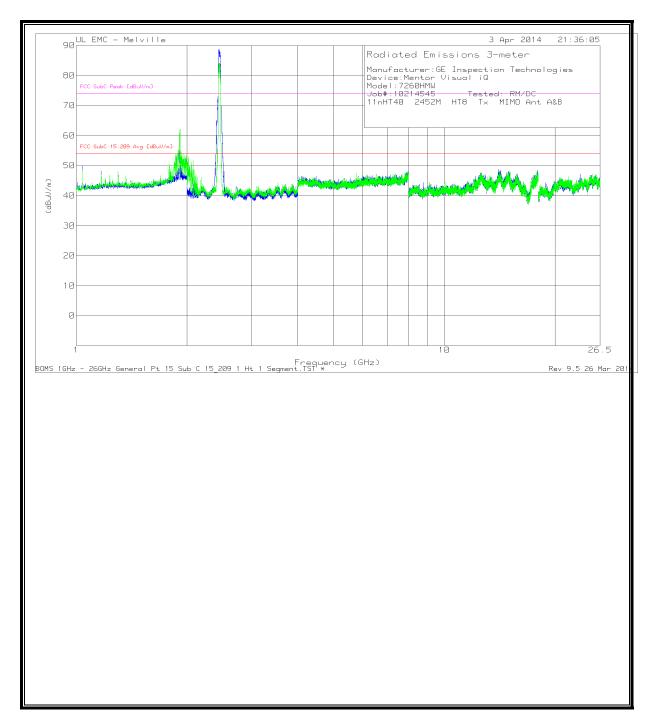
Frequency	Meter	Det	AF	Gain/Loss	Corrected	FCC SubC	Margin	FCC SubC	PK	Azimuth	Height	Polarity
(GHz)	Reading		[dB/m]	(dB)	Reading	15.209	(dB)	Peak	Margin	(Degs)	(cm)	
	(dBuV)				(dBuV/m)	Avg		[dBuV/m]	(dB)			
						[dBuV/m]						
* 1.04	55.16	MAv1	24.2	-44.6	34.76	54	-19.24	-	-	300	126	Н
* 1.234	55.43	MAv1	25	-44.59	35.84	54	-18.16	-	-	304	110	Н
* 1.3	61.83	MAv1	25.1	-44.75	42.18	54	-11.82	-	-	324	181	Н
* 1.365	60.74	MAv1	25	-44.21	41.53	54	-12.47	-	-	319	175	Н
* 1.124	51.3	MAv1	24.7	-44.54	31.46	54	-22.54	-	-	129	339	Н
* 1.04	55.12	MAv1	23.9	-44.59	34.43	54	-19.57	-	-	0	115	V
* 1.17	57.09	MAv1	24.9	-44.97	37.02	54	-16.98	-	-	0	195	V
* 1.235	58.05	MAv1	25.2	-44.66	38.59	54	-15.41	-	-	21	137	V
* 1.3	58.61	MAv1	25.4	-44.75	39.26	54	-14.74	-	-	15	124	V
* 1.365	58.52	MAv1	25.2	-44.2	39.52	54	-14.48	-	-	311	165	V
* 1.203	57.52	PK2	25	-44.64	37.88	-	-	74	-36.12	230	205	Н
* 1.04	69.73	PK2	24.2	-44.59	49.34	-	-	74	-24.66	300	126	Н
* 1.234	67.22	PK2	25	-44.58	47.64	-	-	74	-26.36	304	110	Н
* 1.3	71.43	PK2	25.1	-44.74	51.79	-	-	74	-22.21	324	181	Н
* 1.365	70.88	PK2	25	-44.2	51.68	-	-	74	-22.32	319	175	Н
* 1.124	63.61	PK2	24.7	-44.54	43.77	-	-	74	-30.23	129	339	Н
* 1.04	68.58	PK2	23.9	-44.6	47.88	-	-	74	-26.12	0	115	٧
* 1.17	68.68	PK2	25	-44.97	48.71	-	-	74	-25.29	0	195	V
* 1.235	69.8	PK2	25.2	-44.65	50.35	-	-	74	-23.65	21	137	V
* 1.3	69.51	PK2	25.4	-44.75	50.16	-	-	74	-23.84	15	124	V
* 1.365	66.71	PK2	25.2	-44.2	47.71	-	-	74	-26.29	311	165	V

Note: No additional spurious emissions observed in restricted bands No additional emissions above the system noise floor.

PK2 - KDB558074 Method: Maximum Peak

^{* -} indicates frequency in CFR15.205/IC7.2.2 Restricted Band

HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL MIMO



DATE: 2014-08-13

DATA

Frequency (GHz)	Meter Reading	Det	AF [dB/m]	Gain/Loss (dB)	Corrected Reading	FCC SubC 15.209	Margin (dB)	FCC SubC Peak	PK Margin	Azimuth (Degs)	Height (cm)	Polarity
	(dBuV)				(dBuV/m)	Avg		[dBuV/m]	(dB)			
						[dBuV/m]						
* 1.04	55.16	MAv1	24.2	-44.6	34.76	54	-19.24	-	-	300	126	Н
* 1.234	55.43	MAv1	25	-44.59	35.84	54	-18.16	-	-	304	110	Н
* 1.3	61.83	MAv1	25.1	-44.75	42.18	54	-11.82	-	-	324	181	Н
* 1.365	60.74	MAv1	25	-44.21	41.53	54	-12.47	-	-	319	175	Н
* 1.124	51.3	MAv1	24.7	-44.54	31.46	54	-22.54	-	-	129	339	Н
* 1.04	55.12	MAv1	23.9	-44.59	34.43	54	-19.57	-	-	0	115	V
* 1.17	57.09	MAv1	24.9	-44.97	37.02	54	-16.98	-	-	0	195	V
* 1.235	58.05	MAv1	25.2	-44.66	38.59	54	-15.41	-	-	21	137	V
* 1.3	58.61	MAv1	25.4	-44.75	39.26	54	-14.74	-	-	15	124	V
* 1.365	58.52	MAv1	25.2	-44.2	39.52	54	-14.48	-	-	311	165	V
* 1.203	57.52	PK2	25	-44.64	37.88	-	-	74	-36.12	230	205	Н
* 1.04	69.73	PK2	24.2	-44.59	49.34	-	-	74	-24.66	300	126	Н
* 1.234	67.22	PK2	25	-44.58	47.64	-	-	74	-26.36	304	110	Н
* 1.3	71.43	PK2	25.1	-44.74	51.79	-	-	74	-22.21	324	181	Н
* 1.365	70.88	PK2	25	-44.2	51.68	-	-	74	-22.32	319	175	Н
* 1.124	63.61	PK2	24.7	-44.54	43.77	-	-	74	-30.23	129	339	Н
* 1.04	68.58	PK2	23.9	-44.6	47.88	-	-	74	-26.12	0	115	V
* 1.17	68.68	PK2	25	-44.97	48.71	-	-	74	-25.29	0	195	V
* 1.235	69.8	PK2	25.2	-44.65	50.35	-	-	74	-23.65	21	137	V
* 1.3	69.51	PK2	25.4	-44.75	50.16	-	-	74	-23.84	15	124	V
* 1.365	66.71	PK2	25.2	-44.2	47.71	-	-	74	-26.29	311	165	V

Note: No additional spurious emissions observed in restricted bands No additional emissions above the system noise floor.

PK2 - KDB558074 Method: Maximum Peak

^{* -} indicates frequency in CFR15.205/IC7.2.2 Restricted Band

8.5. TRANSMITTER ABOVE 1 GHz MIMO

8.5.1. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.8 GHz BAND MIMO

Manufacturer	: GE Inspection T	echnologies										
Device: Mento		comologics										
Model:7260HI	MW											
Job#:1021454	5 Tested: GB											
Tx5745MHz 11	In 20m HT4 Ant	A&B										
Horizontal 1 -	2GHz											
Test Frequency (GHz)	Meter Reading (dBuV)	Detector	AF [dB/m]	Gain/Loss (dB)	Corrected Reading (dBuV/m)	FCC SubC 15.209 Avg [dBuV/m]	Margin (dB)	FCC SubC Peak [dBuV/m]	PK Margin (dB)	Azimuth [Degs]	Height [cm]	Polarity
* 1.0399	73.83	PK2	24.2	-41.27	56.76	-	-	74	-17.24	21	153	V
* 1.0399	60.34	MAv1	24.2	-41.26	43.28	54	-10.72	74	-30.72	21	153	V
* 1.0402	71.63	PK2	24.2	-41.26	54.57	-	_	74	-19.43	349	126	н
* 1.0401	57.65	MAv1	24.2	-41.26	40.59	54	-13.41	74	-33.41	349	126	н
						-	-13.41					
* 1.17	69.26	PK2	24.9	-41.51	52.65		-	74	-21.35	120	138	Н
* 1.1701	57.37	MAv1	24.9	-41.51	40.76	54	-13.24	74	-33.24	120	138	Н
* 1.1701	70.96	PK2	24.9	-41.52	54.34	-	-	74	-19.66	3	209	V
* 1.17	61.47	MAv1	24.9	-41.51	44.86	54	-9.14	74	-29.14	3	209	V
Horizontal 8 -	12GHz											
Test Frequency (GHz)	Meter Reading (dBuV)	Detector	AF [dB/m]	Gain/Loss (dB)	Corrected Reading (dBuV/m)	FCC SubC 15.209 Avg [dBuV/m]	Margin (dB)	FCC SubC Peak [dBuV/m]	PK Margin (dB)	Azimuth [Degs]	Height [cm]	Polarity
* 11.4902	56.76	PK2	33.4	-48.32	41.84	_	_	74	-32.16	252	185	V
* 11.4897	56.98	PK2	33.4	-48.32	42.06	_	_	74	-31.94	252	185	v
* 11.49	44.37	MAv1	33.4	-48.32	29.45	54	_	54	-24.55	42	253	н
	45.11	MAv1	33.4		30.19			54	-23.81			
* 11.4902		IVIAVI	33.4	-48.32	30.19	54	-22.63	54	-23.81	42	253	Н
Horizontal 18 Test	- 26.5GHz Meter				Corrected	FCC SubC		FCC SubC				
Frequency (GHz)	Reading (dBuV)	Detector	AF [dB/m]	Gain/Loss (dB)	Reading (dBuV/m)	15.209 Avg [dBuV/m]	Margin (dB)	Peak [dBuV/m]	PK Margin (dB)	Azimuth [Degs]	Height [cm]	Polarity
* 22.9803	54.78	PK2	40.6	-49.37	46.01	-	-	74	-27.99	104	275	V
* 22.98	42.39	MAv1	40.6	-49.37	33.62	54	-20.38	74	-40.38	104	275	V
* 22.9803	55.8	PK2	40.6	-49.37	47.03	_	_	74	-26.97	334	121	н
* 22.98	46.76	MAv1	40.6	-49.37	37.99	54	-16.01	74	-36.01	334	121	Н

Note: No additional spurious emissions observed in restricted bands No additional emissions above the system noise floor.

PK2 - KDB558074 Method: Maximum Peak

^{* -} indicates frequency in CFR15.205/IC7.2.2 Restricted Band

HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL MIMO

				1							1	1
Manufacturer: 0	GE Inspection Te	echnologies										
Device: Mentor	Visual iQ											
Model:7260HM	W											
Job#:10214545	Tested: GB											
Tx5785MHz 11n	20m HT4 Ant A	1&B										
Horizontal 1 - 20	GHz											
Test Frequency (GHz)	Meter Reading (dBuV)	Detector	AF [dB/m]	Gain/Loss (dB)	Corrected Reading (dBuV/m)	FCC SubC 15.209 Avg [dBuV/m]	Margin (dB)	FCC SubC Peak [dBuV/m]	PK Margin (dB)	Azimuth [Degs]	Height [cm]	Polarity
* 1.0399	73.83	PK2	24.2	-41.27	56.76	-	-	74	-17.24	21	153	V
* 1.0399	60.34	MAv1	24.2	-41.26	43.28	54	-10.72	74	-30.72	21	153	V
* 1.0402	71.63	PK2	24.2	-41.26	54.57	-	-	74	-19.43	349	126	н
* 1.0401	57.65	MAv1	24.2	-41.26	40.59	54	-13.41	74	-33.41	349	126	н
* 1.17	69.26	PK2	24.9	-41.51	52.65	=	-	74	-21.35	120	138	н
* 1.1701	57.37	MAv1	24.9	-41.51	40.76	54	-13.24	74	-33.24	120	138	Н
* 1.1701	70.96	PK2	24.9	-41.52	54.34	-	-	74	-19.66	3	209	V
* 1.17	61.47	MAv1	24.9	-41.51	44.86	54	-9.14	74	-29.14	3	209	V
Horizontal 8 - 12	2GHz											
Test	Meter				Corrected	FCC SubC		FCC SubC	PK			
Frequency (GHz)	Reading (dBuV)	Detector	AF [dB/m]	Gain/Loss (dB)	Reading (dBuV/m)	15.209 Avg [dBuV/m]	Margin (dB)	Peak [dBuV/m]	Margin (dB)	Azimuth [Degs]	Height [cm]	Polarity
*11.49	58.19	PK2	33.5	-47.74	43.95	-	-	74	-30.05	224	191	Н
*11.4901	45.55	MAv1	33.5	-47.74	31.31	54	-22.69	74	-42.69	185	226	٧
*11.4902	47.04	MAv1	33.5	-47.74	32.8	54	-21.2	74	-41.2	224	191	н
*11.4902	58.91	PK2	33.5	-47.74	44.67	-	-	74	-29.33	185	226	V
Horizontal 18 - 2	26.5GHz											
Test Frequency (GHz)	Meter Reading (dBuV)	Detector	AF [dB/m]	Gain/Loss (dB)	Corrected Reading (dBuV/m)	FCC SubC 15.209 Avg [dBuV/m]	Margin (dB)	FCC SubC Peak [dBuV/m]	PK Margin (dB)	Azimuth [Degs]	Height [cm]	Polarity
* 22.9798	45.45	MAv1	40.6	-47.9	38.15	54	-15.85	-	- 1	339	202	Н
* 22.98	45.16	MAv1	40.6	-47.9	37.86	54	-16.14	-	-	34	125	V
* 22.9802	57.36	PK2	40.6	-47.89	50.07	-	-	74	-23.93	339	202	Н
* 22.9802	56.36	PK2	40.6	-47.89	49.07	-	-	74	-24.93	34	125	٧

Note: No additional spurious emissions observed in restricted bands No additional emissions above the system noise floor.

PK2 - KDB558074 Method: Maximum Peak

 $[\]mbox{\ensuremath{^{*}}}$ - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL MIMO

											1	
Manufacturer:	GE Inspection T	echnologies	1									
Device: Mento	r Visual iQ											
Model:7260HM	1W											
Job#:10214545	Tested: GB											
Tv5825 MHz 11	In 20m HT4 Ant	Λ & D	•									
1X3823 WITE 11	III ZOIII III II AIIC	AGD										
Horizontal 1 - 2 Test Frequency (GHz)	Meter Reading (dBuV)	Detector	AF [dB/m]	Gain/Loss (dB)	Corrected Reading (dBuV/m)	FCC SubC 15.209 Avg [dBuV/m]	Margin (dB)	FCC SubC Peak [dBuV/m]	PK Margin (dB)	Azimuth [Degs]	Height [cm]	Polarity
* 1.0399	73.83	PK2	24.2	-41.27	56.76	-	-	74	-17.24	21	153	V
* 1.0399	60.34	MAv1	24.2	-41.26	43.28	54	-10.72	74	-30.72	21	153	V
* 1.0402	71.63	PK2	24.2	-41.26	54.57	_	_	74	-19.43	349	126	Н
* 1.0401	57.65	MAv1	24.2	-41.26	40.59	54	-13.41	74	-33.41	349	126	Н
* 1.17	69.26	PK2	24.9	-41.51	52.65	-	-	74	-21.35	120	138	н
* 1.1701	57.37	MAv1	24.9	-41.51	40.76	54	-13.24	74	-33.24	120	138	Н
* 1.1701	70.96	PK2	24.9	-41.52	54.34	-	-	74	-19.66	3	209	V
* 1.17	61.47	MAv1	24.9	-41.51	44.86	54	-9.14	74	-29.14	3	209	V
Horizontal 8 - 1												
Test Frequency (GHz)	Meter Reading (dBuV)	Detector	AF [dB/m]	Gain/Loss (dB)	Corrected Reading (dBuV/m)	FCC SubC 15.209 Avg [dBuV/m]	Margin (dB)	FCC SubC Peak [dBuV/m]	PK Margin (dB)	Azimuth [Degs]	Height [cm]	Polarity
*11.6499	48.6	MAv1	33.5	-48.2	33.9	54	-20.1	74	-40.1	68.2	-34.3	0
*11.65	47.09	MAv1	33.6	-48.2	32.49	54	-21.51	74	-41.51	68.2	-35.71	315
*11.6501	58.74	PK2	33.6	-48.2	44.14	-	-	74	-29.86	68.2	-24.06	315
*11.6501	60.32	PK2	33.6	-48.2	45.72	-	_	74	-28.28	68.2	-22.48	0
Horizontal 18 -		•									-	
Test Frequency (GHz)	Meter Reading (dBuV)	Detector	AF [dB/m]	Gain/Loss (dB)	Corrected Reading (dBuV/m)	FCC SubC 15.209 Avg [dBuV/m]	Margin (dB)	FCC SubC Peak [dBuV/m]	PK Margin (dB)	Azimuth [Degs]	Height [cm]	Polarity
*23.3	51.3	MAv1	40.7	-47.32	44.68	54	-9.32	74	-29.32	68.2	-23.52	332
*23.3	59.89	PK2	40.7	-47.32	53.27	-	-5.52	74	-20.73	68.2	-14.93	332
*23.3001	44.9	MAv1	40.7	-47.32	38.28	54	-15.72	74	-35.72	68.2	-29.92	355
*23.3002	56.67	PK2	40.7	-47.31	50.06			74	-23.94	68.2	-18.14	355

Note: No additional spurious emissions observed in restricted bands No additional emissions above the system noise floor.

PK2 - KDB558074 Method: Maximum Peak

^{* -} indicates frequency in CFR15.205/IC7.2.2 Restricted Band

8.5.2. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.8 GHz BAND MIMO

HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL MIMO

Manufacturer:	CE learnestice T											
		ecnnologies										
Device: Mentor	Visual iQ											
Model:7260HN	1W											
Job#:10214545	Tested: GB											
Tx5755MHz 11i	n 40M HT8 Ant	A&B										
Radiated Emiss	ion Data	I										
8 - 12GHz	* **											
Test Frequency (GHz)	st Meter equency Reading AF				Corrected Reading (dBuV/m)	FCC SubC 15.209 Avg [dBuV/m]	Margin (dB)	FCC SubC Peak [dBuV/m]	PK Margin (dB)	Azimuth [Degs]	Height [cm]	Polarity
* 11.5104	59.08	PK2	33.4	-48.32	44.16	-	-	74	-29.84	335	282	v
* 11.5101	47.39	MAv1	33.4	-48.31	32.48	54	-21.52	74	-41.52	335	282	v
* 11.5109	59.71	PK2	33.4	-48.33	44.78	-	-	74	-29.22	11	165	н
* 11.5108	47.22	MAv1	33.4	-48.33	32.29	54	-21.71	74	-41.71	11	165	Н
18 - 26.5GHz												
Test Frequency (GHz)	Meter Reading (dBuV)	Detector	AF [dB/m]	Gain/Loss (dB)	Corrected Reading (dBuV/m)	FCC SubC 15.209 Avg [dBuV/m]	Margin (dB)	FCC SubC Peak [dBuV/m]	PK Margin (dB)	Azimuth [Degs]	Height [cm]	Polarity
* 23.02	57.94	PK2	40.6	-48.16	50.38	-	-	74	-23.62	5	266	н
* 23.02	47.19	MAv1	40.6	-48.16	39.63	54	-14.37	74	-34.37	5	266	н
* 23.02									-24.47	29		
	57.09	PK2	40.6	-48.16	49.53	-	-	74			191	V
* 23.02	45.82	MAv1	40.6	-48.16	38.26	54	-15.74	74	-35.74	29	191	V

Note: Spurious emissions observed were similar to 802.11n 20m 5745MHz chain A and B plot below 2GHz.

No additional emissions above the system noise floor.

PK2 - KDB558074 Method: Maximum Peak

^{* -} indicates frequency in CFR15.205/IC7.2.2 Restricted Band

HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL MIMO

Manufacturer:	GE Inspection Te	echnologies										
Device: Mentor												
Model:7260HM	IW											
Job#:10214545	Tested: GB											
Tx5795MHz 11ı	n 40M HT8 Ant A	√ &B										
Radiated Emiss	ion Data											
Horizontal 8 - 12GHz												
Test Frequency (GHz)	Meter Reading (dBuV)	Detector	AF [dB/m]	Gain/Loss (dB)	Corrected Reading (dBuV/m)	FCC SubC 15.209 Avg [dBuV/m]	Margin (dB)	FCC SubC Peak [dBuV/m]	PK Margin (dB)	Azimuth [Degs]	Height [cm]	Polarity
* 11.5897	61.05	PK2	33.5	-47.72	46.83	-	-	74	-27.17	2	123	٧
* 11.59	49.6	MAv1	33.5	-47.73	35.37	54	-18.63	74	-38.63	2	123	V
* 11.5891 59.61 PK2		33.5	-47.71	45.4	-	-	74	-28.6	306	110	Н	
* 11.5898 47.87 MAv1		33.5	-47.72	33.65	54	-20.35	74	-40.35	306	110	Н	
11.3030 47.07 WAVI												

Note: Spurious emissions observed were similar to 802.11n 20m 5745MHz chain A and B plot below 2GHz.

No additional emissions above the system noise floor.

PK2 - KDB558074 Method: Maximum Peak

^{* -} indicates frequency in CFR15.205/IC7.2.2 Restricted Band

8.5.3. TX ABOVE 1 GHz 802.11n AC80 MODE IN THE 5.8 GHz BAND MIMO

HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL MIMO

Manufacturer: 0	GE Inspection Te	echnologies										
Device: Mentor	Visual iQ											
Model:7260HM	W											
Job#:10214545	Tested: GB											
Tx5775MHz 11n AC80 VHT6 Ant A&B												
Radiated Emissi	on Data											
Horizontal 8 - 12	2GHz											
Test Frequency (GHz)	Meter Reading (dBuV)	Detector	AF [dB/m]	Gain/Loss (dB)	Corrected Reading (dBuV/m)	FCC SubC 15.209 Avg [dBuV/m]	Margin (dB)	FCC SubC Peak [dBuV/m]	PK Margin (dB)	Azimuth [Degs]	Height [cm]	Polarity
* 11.5508	59.02	PK2	33.5	-47.71	44.81	-	-	74	-29.19	66	300	н
* 11.551	47.25	MAv1	33.5	-47.7	33.05	54	-20.95	74	-40.95	66	300	Н
* 11.5508	59.72	PK2	33.5	-47.71	45.51	-	-	74	-28.49	208	177	٧
* 11.5507 47.29 MAv1		33.5	-47.71	33.08	54	-20.92	74	-40.92	208	177	٧	

Note: Spurious emissions observed were similar to 802.11n 20m 5745MHz chain A and B plot below 2GHz.

No additional emissions above the system noise floor.

PK2 - KDB558074 Method: Maximum Peak

^{* -} indicates frequency in CFR15.205/IC7.2.2 Restricted Band