



**FCC 47 CFR PART 15 SUBPART B
ICES-003 ISSUE 4**

TEST REPORT

FOR

GLASS

MODEL NUMBER: XEB

FCC ID: A4R-X1

REPORT NUMBER: 12U14656-1 Revision A

ISSUE DATE: JANUARY 17, 2012

Prepared for
GOOGLE INC.
1600 AMPHITHEATRE PARKWAY
MOUNTAIN VIEW CA, 94043, U.S.A

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NVLAP LAB CODE 200065-0

Revision History

Rev.	Issue Date	Revisions	Revised By
--	12-05-12	Initial Issue	F. de Anda
A	01-17-13	Updated Model # to XEB	F. de Anda

TABLE OF CONTENTS

1. ATTESTATION OF TEST RESULTS	4
2. TEST METHODOLOGY	5
3. FACILITIES AND ACCREDITATION	5
4. CALIBRATION AND UNCERTAINTY	5
4.1. MEASURING INSTRUMENT CALIBRATION	5
4.2. SAMPLE CALCULATION	5
4.3. MEASUREMENT UNCERTAINTY	5
5. EQUIPMENT UNDER TEST	6
5.1. DESCRIPTION OF EUT	6
5.2. PRELIMINARY TEST CONFIGURATIONS.....	6
5.3. MODE(S) OF OPERATION	7
5.4. SOFTWARE AND FIRMWARE.....	7
5.5. MODIFICATIONS	7
5.6. DETAILS OF TESTED SYSTEM	7
6. TEST AND MEASUREMENT EQUIPMENT	11
7. APPLICABLE LIMITS AND TEST RESULTS	12
7.1. RADIATED EMISSIONS	12
7.2. AC MAINS LINE CONDUCTED EMISSIONS	22

ATTESTATION OF TEST RESULTS

COMPANY NAME: GOOGLE INC.
1600 AMPHITHEATRE PARKWAY
MOUNTAIN VIEW, CA, 94043, U.S.A

EUT DESCRIPTION: GLASS

MODEL: XEB

SERIAL NUMBER: 015498FC0A011010

DATE TESTED: NOVEMBER 15- 16, 2012

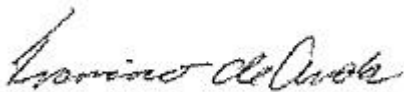
APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
FCC PART 15 SUBPART B	Pass

UL CCS tested the above equipment in accordance with the requirements set forth in the above standards. All indications of Pass/Fail in this report are opinions expressed by UL CCS based on interpretations and/or observations of test results. Measurement Uncertainties were not taken into account and are published for informational purposes only. The test results show that the equipment tested 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 herein. This document may not be altered or revised in any way unless done so by UL CCS and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by UL CCS 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 CCS By:

Tested By:



FRANCISCO DE ANDA
EMC SUPERVISOR
UL CCS

THANH NGUYEN
EMC ENGINEER
UL CCS

1. TEST METHODOLOGY

The tests documented in this report were performed in accordance with ANSI C63.4-2009 and CAN/CSA-CEI/IEC CISPR 22:02 as referenced by ICES-003 Issue 4.

2. FACILITIES AND ACCREDITATION

The test sites and measurement facilities used to collect data are located at 47173 Benicia Street, Fremont, California, USA.

UL CCS is accredited by NVLAP, Laboratory Code 200065-0. The full scope of accreditation can be viewed at <http://www.ccsemc.com>.

3. CALIBRATION AND UNCERTAINTY

3.1. 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.

3.2. SAMPLE CALCULATION

Where relevant, the following sample calculation is provided:

$$\begin{aligned} \text{Field Strength (dBuV/m)} &= \text{Measured Voltage (dBuV)} + \text{Antenna Factor (dB/m)} + \\ &\text{Cable Loss (dB)} - \text{Preamp Gain (dB)} \\ 36.5 \text{ dBuV} + 18.7 \text{ dB/m} + 0.6 \text{ dB} - 26.9 \text{ dB} &= 28.9 \text{ dBuV/m} \end{aligned}$$

3.3. MEASUREMENT UNCERTAINTY

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

PARAMETER	UNCERTAINTY
Conducted Disturbance, 0.15 to 30 MHz	3.52 dB
Radiated Disturbance, 30 to 1000 MHz	4.94 dB

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

4. EQUIPMENT UNDER TEST

4.1. DESCRIPTION OF EUT

The EUT is a mobile computing device featuring a heads-up video display. The device incorporates an 802.11 b/g 2.4 GHz WLAN and BT, BT-LE radio with an integral antenna. An integral vibrating element provides audio to the user via contact with the user's head. The EUT is provided with an AC charger and a USB cable. When connected to a PC, the USB cable provides a path for charging and for software updates, and is not intended for any other data transfer functions.

GENERAL INFORMATION

Power Requirements	Charger input: 100-240 VAC / 50-60 Hz, 0.25 A Charger output: 5 VDC, 1 A
Frequencies generated or used by the EUT	32.768KHz, 16.369MHz, 38.4MHz, 37.4MHz and 1.0 GHz

SUBASSEMBLIES

The EUT was constructed using the following subassemblies:

Subassembly Description	Manufacturer	Part Number
Glass	Google	EVT1
Charger	Google	10AG212020
USB cable	N/A	N/A

4.2. PRELIMINARY TEST CONFIGURATIONS

The following configurations were investigated during preliminary testing:

EUT Configuration	Description
1	Standalone, battery operated.
2	Operating while charging with supplied charger.
3	Connected to laptop with minimum configuration.

The worst-case configurations were determined to be with AC charger and connected to the laptop PC. Exploratory testing was also performed to determine worst-case orientation. Right-side up (normal wearing position) was determined to be worst case.

4.3. MODE(S) OF OPERATION

Mode	Description
Normal	Displaying a continuous video clip on the heads-up display, with audio.

4.4. SOFTWARE AND FIRMWARE

The EUT firmware version was 20121114095638.

4.5. MODIFICATIONS

No modifications were made during testing.

4.6. DETAILS OF TESTED SYSTEM

SUPPORT EQUIPMENT & PERIPHERALS

SUPPORT EQUIPMENT LIST				
Description	Manufacturer	Model	S/N	FCC ID
Laptop PC	Apple	MacBook Pro 5.5	W80141E766H	DoC
AC Adapter	Apple	A1330	N/A	N/A
Router	Linksys	WRT54gV8	CDFF1G408695	DoC
AC Adapter	Linksys	AD 12/1	R061114001294	N/A
AC Charger	Google	10AG212020	N/A	DoC
Mouse	MicroSoft	Optical V2.1	69657-OEM-5306786-70949	DoC

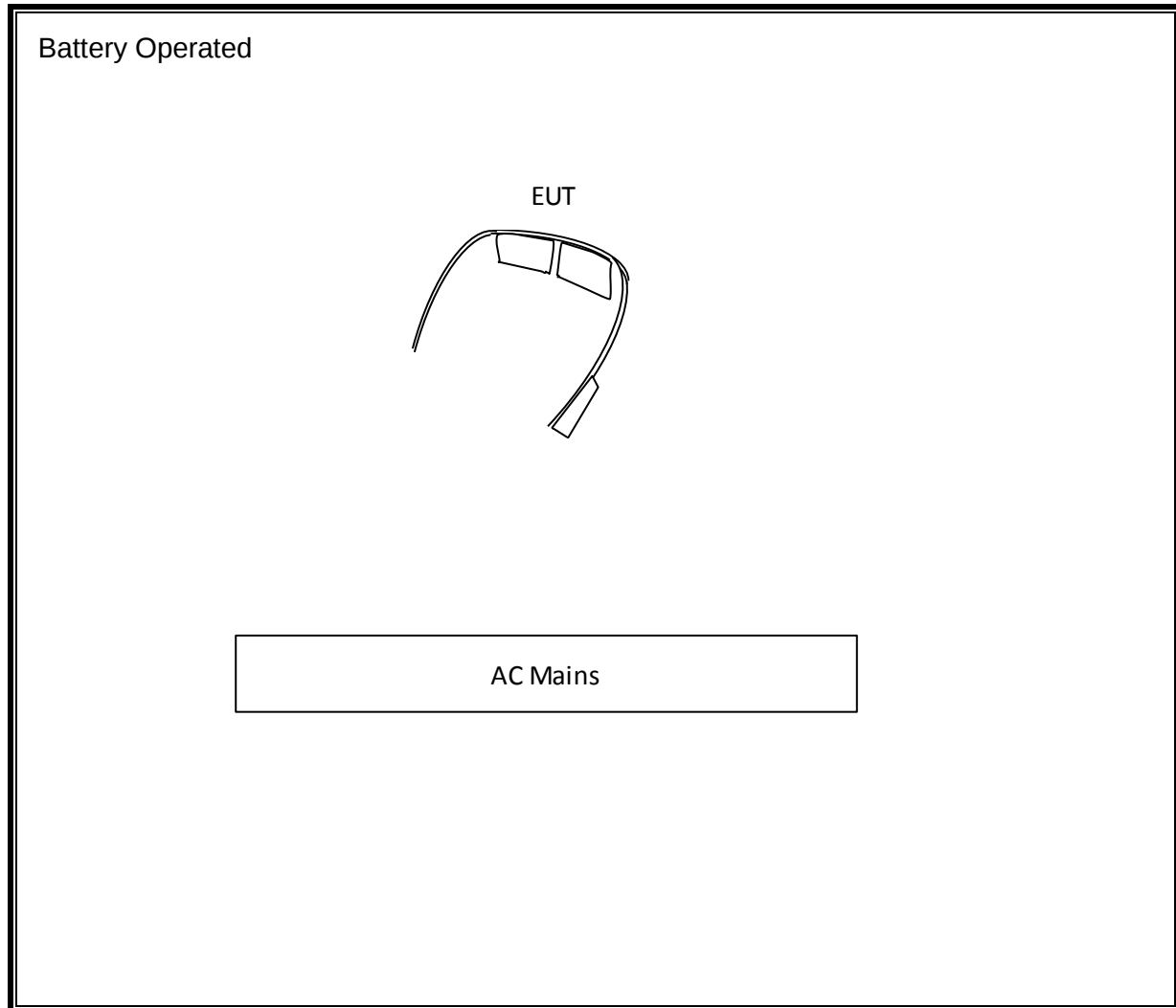
I/O CABLES

I/O CABLE LIST						
Cable No.	Port	No. of identical ports	Connector Type	Cable Type	Cable Length	Remarks
1	USB	2	USB	Shielded	1.2 m	None
2	DC	1	Barrel	Unshielded	1.8 m	To LT
3	Ethernet	1	RJ45	Unshielded	10 m	To remote Router
4	USB	1	Multipin	Unshielded	1.8 m	To mouse
5	DC	1	Barrel	Unshielded	1.5 m	To router

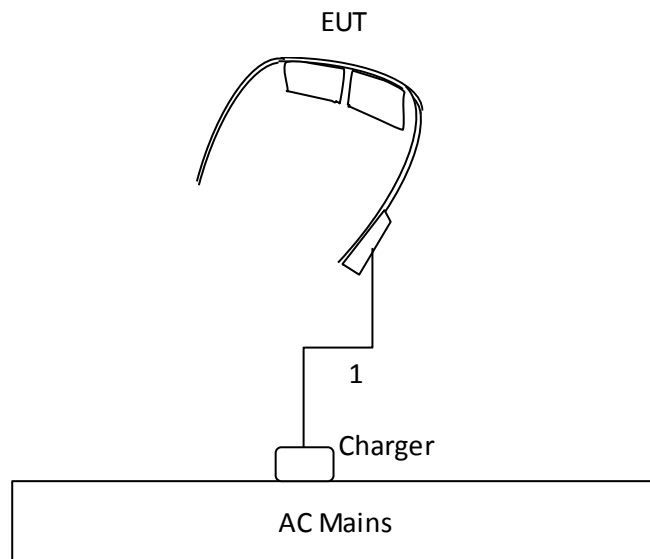
TEST SETUP

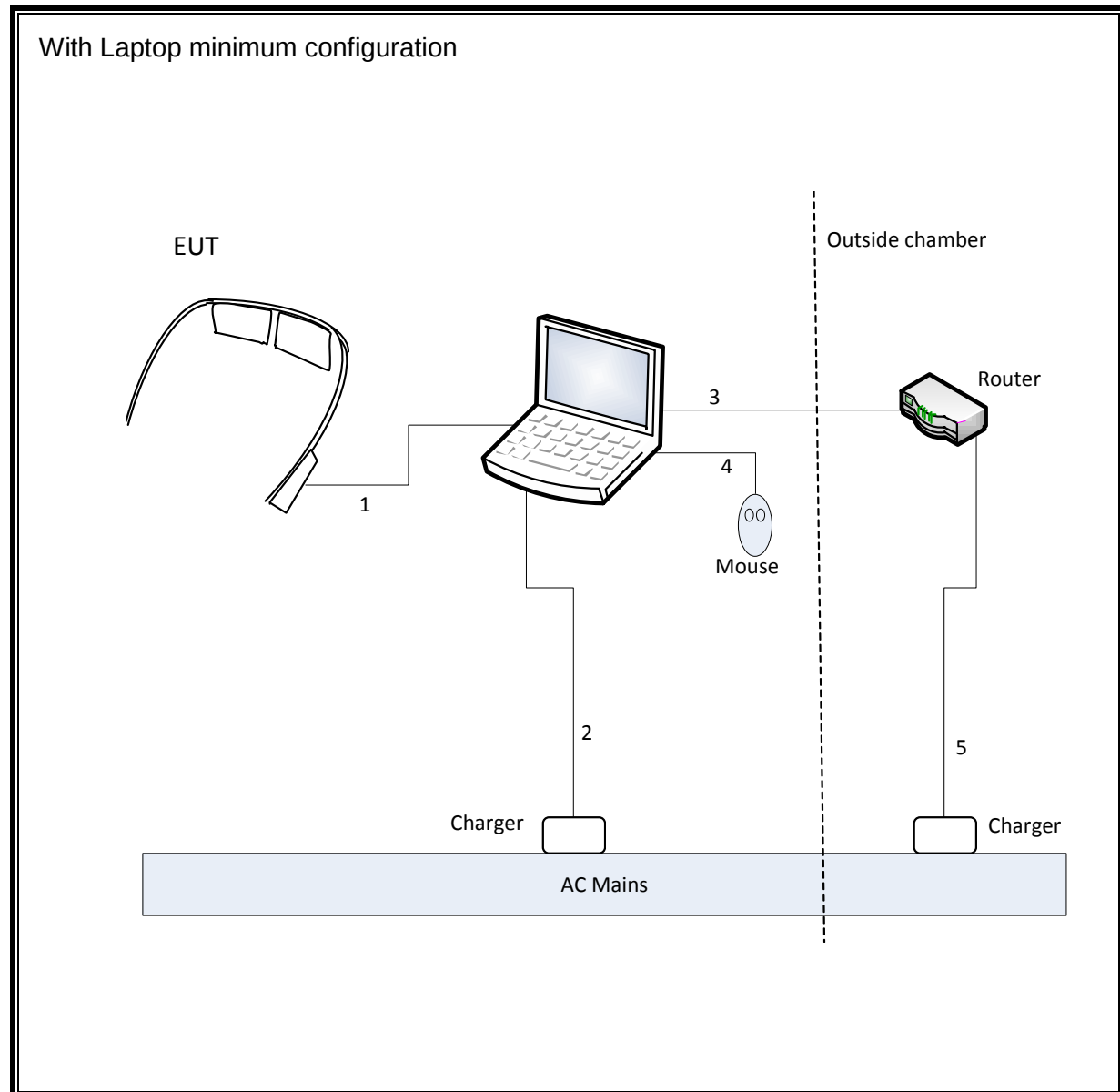
The EUT was set up as shown in the following diagrams. A video stored within the EUT was played on the heads-up display with audio running to the vibrating element.

SETUP DIAGRAMS



With AC charger





5. TEST AND MEASUREMENT EQUIPMENT

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

Test Equipment List				
Description	Manufacturer	Model	Asset	Cal Due
Spectrum Analyzer, 44 GHz	Agilent / HP	E4446A	C00986	03/22/13
Antenna, Bilog, 30MHz-1 GHz	Sunol Sciences	JB1	C01011	03/23/13
Preamplifier, 1300 MHz	Agilent / HP	8447D	C00580	11/11/13
Antenna, Horn	EMCO	3115	C00783	10/18/13
Preamplifier, 26.5 GHz	Agilent / HP	8449B	C01063	11/07/13
EMI Test Receiver, 30 MHz	R & S	ESHS 20	N02396	08/19/13
LISN, 30 MHz	FCC	50/250-25-2	C00626	12/13/12

6. APPLICABLE LIMITS AND TEST RESULTS

6.1. RADIATED EMISSIONS

TEST PROCEDURE

ANSI C63.4

The highest clock frequency generated or used in the EUT is 1000 MHz; therefore, the frequency range was investigated from 30 MHz to 6000 MHz.

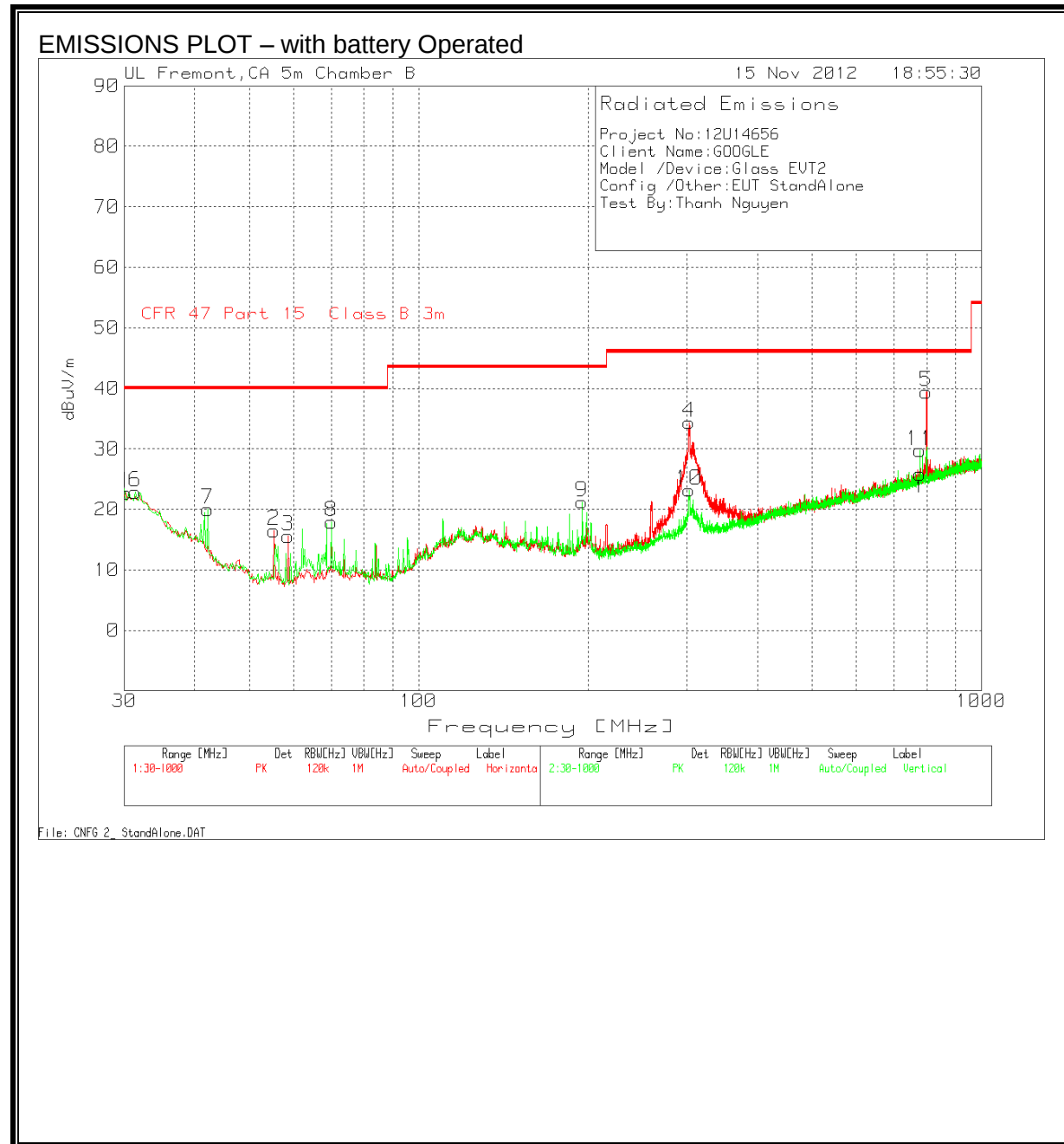
LIMIT

§15.109 (a) Except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

Limits for radiated disturbance of Class B ITE at measuring distance of 3 m	
Frequency range (MHz)	Quasi-peak limits (dB μ V/m)
30 to 88	40
88 to 216	43.5
216 to 960	46
Above 960 MHz	54
Note: The lower limit shall apply at the transition frequency.	

RESULTS – EUT with battery Operated

RADIATED EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION, HORIZONTAL):



SUMMARY DATA for 30 to 1000 MHz – EUT battery Operated

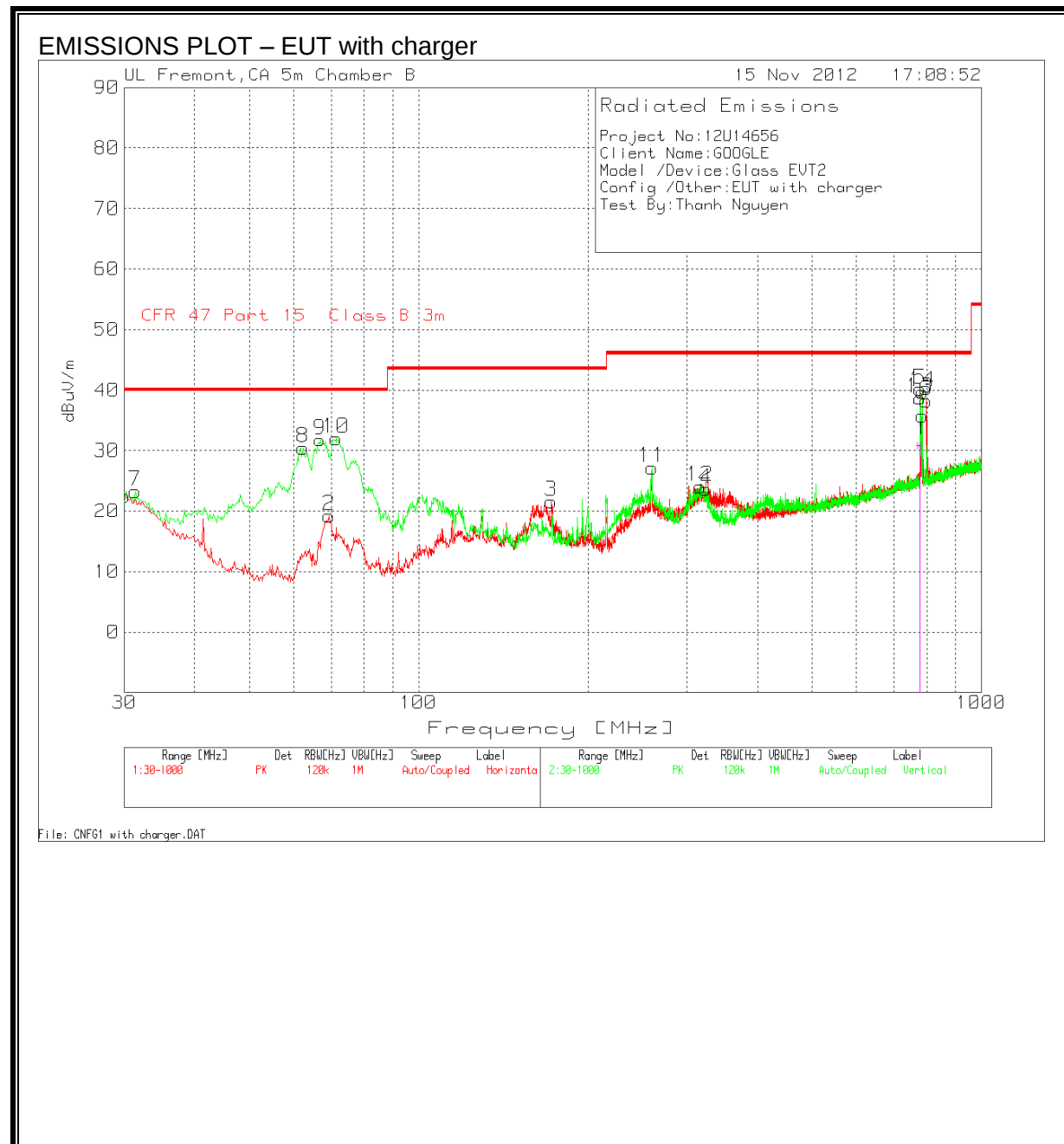
Project No:12U14656									
Client Name:GOOGLE									
Model /Device:Glass EVT2									
Config /Other:EUT StandAlone									
Test By:Thanh Nguyen									
Test Frequency MHz	Meter Reading dB(μV)	Detector	Pre Amp Factor dB	Antenna Factor dB/m	Corrected dB(μV/m)	Part 15 Class B 3m limit dB(μV/m)	Margin dB	Height cm	Polarity
Horizontal 30 - 1000MHz									
30.1938	30.76	PK	21.3	-29.3	22.76	40	-17.24	400	Horz
55.3937	38.25	PK	7.3	-29	16.55	40	-23.45	300	Horz
58.689	37.23	PK	7.4	-29	15.63	40	-24.37	200	Horz
302.9337	47.81	PK	13.4	-26.8	34.41	46	-11.59	100	Horz
798.4013	43.54	PK	21.3	-25.4	39.44	46	-6.56	100	Horz
Vertical 30 - 1000MHz									
31.3569	31.83	PK	20.4	-29.3	22.93	40	-17.07	200	Vert
42.2122	37.02	PK	12.2	-29.2	20.02	40	-19.98	100	Vert
69.9321	38.59	PK	8.2	-28.8	17.99	40	-22.01	100	Vert
195.1559	36.95	PK	11.9	-27.6	21.25	43.5	-22.25	100	Vert
302.449	36.61	PK	13.4	-26.8	23.21	46	-22.79	100	Vert
778.2414	34.13	PK	21.2	-25.6	29.73	46	-16.27	400	Vert
PK - Peak detector									
QP - Quasi-Peak detector									

RADIATED EMISSIONS 1000 TO 6000 MHz – EUT Battery Operated

High Frequency Measurement Compliance Certification Services, Fremont 5m Chamber-B																
Company:		Gogle														
Project #:		12U14656														
Date:		11/15/2012														
Test Engineer:		Thanh Nguyen														
Configuration:		EUT StandAlone														
Mode:		Play Video														
Test Equipment:																
Horn 1-18GHz			Pre-amplifier 1-26GHz			Pre-amplifier 26-40GHz			Horn > 18GHz			Limit				
T59; S/N: 3245 @3m			T145 Agilent 3008A0056									FCC 15.209				
Hi Frequency Cables																
3' cable 22807700			12' cable 22807600			20' cable 22807500			HPF			Reject Filter			Peak Measurements RBW=VBW=1MHz Average Measurements RBW=1MHz ; VBW=10Hz	
3' cable 22807700			12' cable 22807600			20' cable 22807500										
f GHz	Dist (m)	Read Pk dBuV	Read Avg. dBuV	AF dB/m	CL dB	Amp dB	D Corr dB	Fltr dB	Peak dBuV/m	Avg dBuV/m	Pk Lim dBuV/m	Avg Lim dBuV/m	Pk Mar dB	Avg Mar dB	Notes (V/H)	
1.235	3.0	45.88	31.24	24.9	2.9	-35.8	0.0	0.0	37.9	23.2	74	54	-36.1	-30.8	V	
1.855	3.0	47.91	30.04	27.1	3.6	-35.5	0.0	0.0	43.1	25.2	74	54	-30.9	-28.8	V	
1.860	3.0	46.35	31.35	27.1	3.6	-35.5	0.0	0.0	41.6	26.6	74	54	-32.4	-27.4	H	
No other emissions were detected up to 6GHz																
Rev. 11.10.11																
f	Measurement Frequency		Amp	Preamp Gain		Avg Lim	Average Field Strength Limit									
Dist	Distance to Antenna		D Corr	Distance Correct to 3 meters		Pk Lim	Peak Field Strength Limit									
Read	Analyzer Reading		Avg	Average Field Strength @ 3 m		Avg Mar	Margin vs. Average Limit									
AF	Antenna Factor		Peak	Calculated Peak Field Strength		Pk Mar	Margin vs. Peak Limit									
CL	Cable Loss		HPF	High Pass Filter												

RESULTS – EUT with charger

RADIATED EMISSIONS 30 TO 1000 MHz :



SUMMARY DATA for 30 to 1000 MHz – EUT with charger

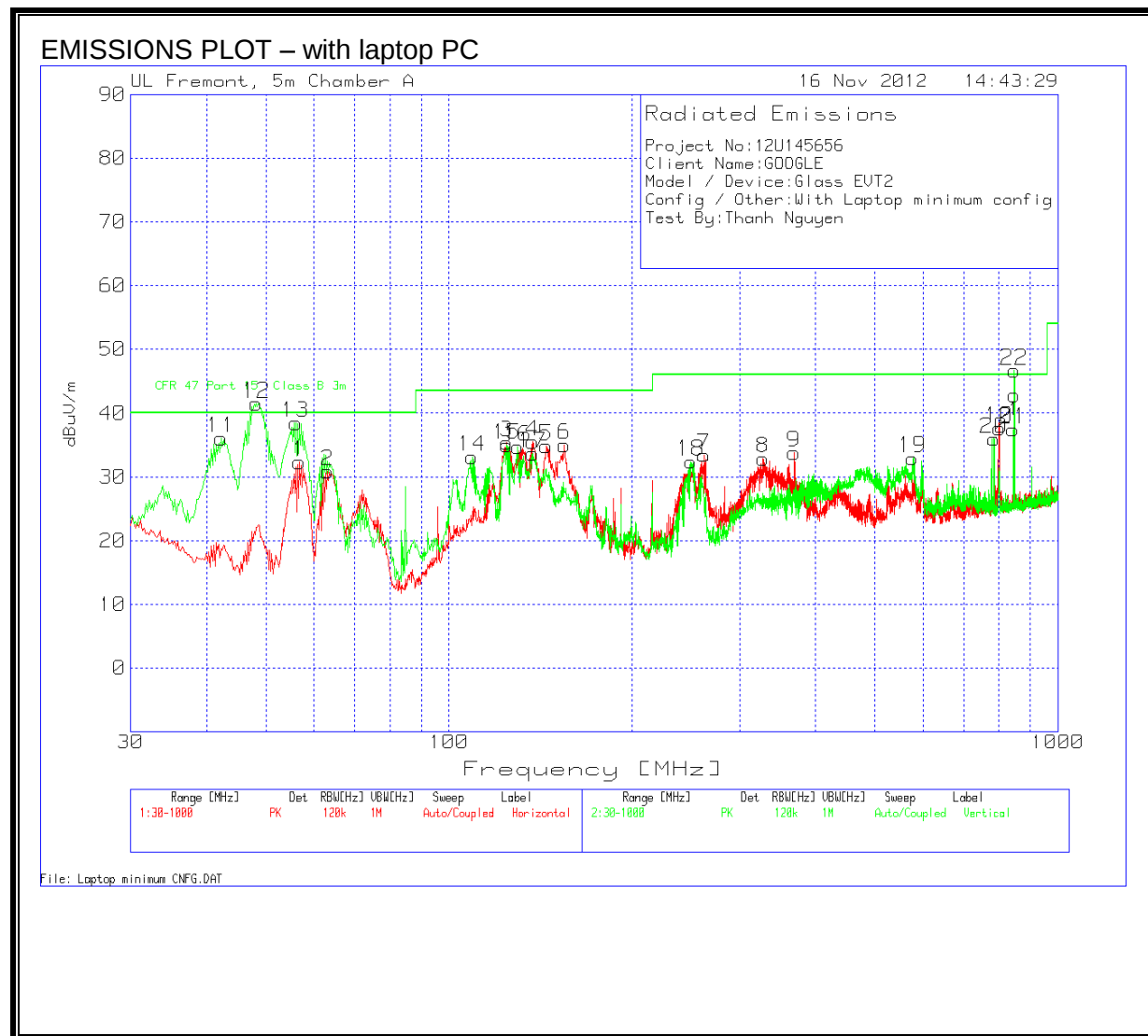
Project No:12U14656									
Client Name:GOOGLE									
Model /Device:Glass EVT2									
Config /Other:EUT with charger									
Test By:Thanh Nguyen									
Test Frequency MHz	Meter Reading dB(μV)	Detector	Pre Amp Factor dB	Antenna Factor dB/m	Corrected dB(μV/m)	CFR 47 Part 15 Class B 3m limit dB(μV/m)	Margin dB	Height cm	Polarity
Horizontal 30 - 1000MHz									
30	30.4	PK	21.4	-29.3	22.5	40	-17.5	200	Horz
69.3505	40.06	PK	8.1	-28.9	19.26	40	-20.74	300	Horz
172.2822	37.73	PK	11.7	-27.8	21.63	43.5	-21.87	200	Horz
323.8689	36.55	PK	13.9	-26.8	23.65	46	-22.35	100	Horz
778.6291	44.55	PK	21.2	-25.6	40.15	46	-5.85	400	Horz
799.1767	42.33	PK	21.3	-25.4	38.23	46	-7.77	100	Horz
Vertical 30 - 1000MHz									
31.3569	32.16	PK	20.4	-29.3	23.26	40	-16.74	200	Vert
62.3721	51.78	PK	7.6	-28.9	30.48	40	-9.52	100	Vert
66.8305	52.7	PK	8	-28.9	31.8	40	-8.2	100	Vert
71.4828	52.64	PK	8.2	-28.8	32.04	40	-7.96	100	Vert
260.0939	42.18	PK	12.1	-27.1	27.18	46	-18.82	100	Vert
316.309	37.08	PK	13.8	-26.8	24.08	46	-21.92	200	Vert
778.4353	43.1	PK	21.2	-25.6	38.7	46	-7.3	100	Vert
785.9952	43.99	PK	21.2	-25.5	39.69	46	-6.31	100	Vert
PK - Peak detector									
QP - Quasi-Peak detector									

RADIATED EMISSIONS 1000 TO 6000 MHz – with charger

High Frequency Measurement Compliance Certification Services, Fremont 5m Chamber-B																			
Company:		Gogle																	
Project #:		12U14656																	
Date:		11/15/2012																	
Test Engineer:		Thanh Nguyen																	
Configuration:		EUT with Charger																	
Mode:		Play Video																	
Test Equipment:																			
Horn 1-18GHz				Pre-amplifier 1-26GHz				Pre-amplifier 26-40GHz				Horn > 18GHz				Limit			
T59; S/N: 3245 @3m				T145 Agilent 3008A0056												FCC 15.209			
Hi Frequency Cables																			
3' cable 22807700				12' cable 22807600				20' cable 22807500				HPF				Reject Filter		Peak Measurements RBW=VBW=1MHz Average Measurements RBW=1MHz ; VBW=10Hz	
3' cable 22807700				12' cable 22807600				20' cable 22807500											
f GHz	Dist (m)	Read Pk dBuV	Read Avg. dBuV	AF dB/m	CL dB	Amp dB	D Corr dB	Fltr dB	Peak dBuV/m	Avg dBuV/m	Pk Lim dBuV/m	Avg Lim dBuV/m	Pk Mar dB	Avg Mar dB	Notes (V/H)				
1.045	3.0	49.18	31.49	24.2	2.7	-35.9	0.0	0.0	40.2	22.5	74	54	-33.8	-31.5	V				
1.850	3.0	44.36	30.33	27.1	3.6	-35.5	0.0	0.0	39.5	25.5	74	54	-34.5	-28.5	V				
1.855	3.0	44.43	31.67	27.1	3.6	-35.5	0.0	0.0	39.6	26.9	74	54	-34.4	-27.1	H				
2.545	3.0	44.41	30.27	28.9	4.4	-35.2	0.0	0.0	42.5	28.4	74	54	-31.5	-25.6	H				
No other emissions were detected up to 6GHz																			
Rev. 11.10.11																			
f	Measurement Frequency			Amp	Preamp Gain			Avg Lim	Average Field Strength Limit										
Dist	Distance to Antenna			D Corr	Distance Correct to 3 meters			Pk Lim	Peak Field Strength Limit										
Read	Analyzer Reading			Avg	Average Field Strength @ 3 m			Avg Mar	Margin vs. Average Limit										
AF	Antenna Factor			Peak	Calculated Peak Field Strength			Pk Mar	Margin vs. Peak Limit										
CL	Cable Loss			HPF	High Pass Filter														

RESULTS – EUT with Laptop PC

RADIATED EMISSIONS 30 TO 1000 MHz :



SUMMARY DATA – With laptop PC

Project No:12U145656									
Client Name:GOOGLE									
Model / Device:Glass EVT2									
Config / Other:With Laptop minimum config									
Test By:Thanh Nguyen									
Test Frequency MHz	Meter Reading dB(μV)	Detector	Pre Amp Factor dB	Antenna Factor dB/m	Corrected dB(μV/m)	CFR 47 Part 15 Class B 3m limit dB(μV/m)	Margin dB	Height cm	Polarity
Horizontal 30 - 1000MHz									
56.7506	52.53	PK	-27.3	7.1	32.33	40	-7.67	300	Horz
63.1475	50.46	PK	-27.2	7.6	30.86	40	-9.14	400	Horz
124.4025	48.23	PK	-26.7	13.9	35.43	43.5	-8.07	300	Horz
137.1962	49.22	PK	-26.7	13	35.52	43.5	-7.98	200	Horz
144.3685	49.03	PK	-26.6	12.4	34.83	43.5	-8.67	200	Horz
154.6423	49.53	PK	-26.5	12	35.03	43.5	-8.47	300	Horz
262.6139	46.74	PK	-25.9	12.6	33.44	46	-12.56	99	Horz
327.9396	44.8	PK	-25.6	13.7	32.9	46	-13.1	99	Horz
368.4532	44.09	PK	-25.5	15.2	33.79	46	-12.21	99	Horz
801.6966	39.92	PK	-23.3	21	37.62	46	-8.38	200	Horz
Vertical 30 - 1000MHz									
42.2122	51.16	PK	-27.4	12.3	36.06	40	-3.94	100	Vert
47.9214	52.12	QP	-27.3	8.9	33.72	40	-6.28	301	Vert
55.9764	54.67	QP	-27.3	7.1	34.47	40	-5.53	114	Vert
109.0887	47.47	PK	-26.7	12.4	33.17	43.5	-10.33	100	Vert
124.4025	47.83	PK	-26.7	13.9	35.03	43.5	-8.47	200	Vert
129.6363	47.83	PK	-26.7	13.6	34.73	43.5	-8.77	100	Vert
137.1962	47.35	PK	-26.7	13	33.65	43.5	-9.85	200	Vert
249.6263	46.8	PK	-25.9	11.5	32.4	46	-13.6	200	Vert
577.2242	38.43	PK	-24.1	18.6	32.93	46	-13.07	100	Vert
785.6075	38.57	PK	-23.3	20.7	35.97	46	-10.03	100	Vert
844.1487	39.15	PK	-23.2	21.5	37.45	46	-8.55	200	Vert
848.078	22.42	QP	-23.2	21.5	20.72	46	-25.28	298	Vert
PK - Peak detector									
QP - Quasi-Peak detector									

RADIATED EMISSIONS 1000 TO 6000 MHz – with laptop PC

High Frequency Measurement															
Compliance Certification Services, Fremont 5m Chamber-B															
Company:		Gogle													
Project #:		12U14656													
Date:		11/16/2012													
Test Engineer:		Thanh Nguyen													
Configuration:		EUT and support Laptop with minimum config.													
Mode:		Play Video													
Test Equipment:															
Horn 1-18GHz		Pre-amplifier 1-26GHz		Pre-amplifier 26-40GHz		Horn > 18GHz		Limit							
T59; S/N: 3245 @3m		T145 Agilent 3008A0056						FCC 15.209							
Hi Frequency Cables															
3' cable 22807700		12' cable 22807600		20' cable 22807500		HPF		Reject Filter		Peak Measurements RBW=VBW=1MHz Average Measurements RBW=1MHz ; VBW=10Hz					
3' cable 22807700		12' cable 22807600		20' cable 22807500											
f GHz	Dist (m)	Read Pk dBuV	Read Avg. dBuV	AF dB/m	CL dB	Amp dB	D Corr dB	Fldr dB	Peak dBuV/m	Avg dBuV/m	Pk Lim dBuV/m	Avg Lim dBuV/m	Pk Mar dB	Avg Mar dB	Notes (V/H)
1.505	3.0	49.68	34.44	25.9	3.2	-35.7	0.0	0.0	43.1	27.8	74	54	-30.9	-26.2	V
1.590	3.0	49.46	33.86	26.2	3.3	-35.6	0.0	0.0	43.3	27.7	74	54	-30.7	-26.3	V
1.860	3.0	47.99	32.33	27.1	3.6	-35.5	0.0	0.0	43.2	27.5	74	54	-30.8	-26.5	V
1.055	3.0	48.01	35.33	24.3	2.7	-35.9	0.0	0.0	39.1	26.4	74	54	-34.9	-27.6	H
1.590	3.0	46.49	30.22	26.2	3.3	-35.6	0.0	0.0	40.3	24.1	74	54	-33.7	-29.9	H
No other emissions were detected up to 6GHz															
Rev. 11.10.11															
f	Measurement Frequency					Amp	Preamp Gain					Avg Lim	Average Field Strength Limit		
Dist	Distance to Antenna					D Corr	Distance Correct to 3 meters					Pk Lim	Peak Field Strength Limit		
Read	Analyzer Reading					Avg	Average Field Strength @ 3 m					Avg Mar	Margin vs. Average Limit		
AF	Antenna Factor					Peak	Calculated Peak Field Strength					Pk Mar	Margin vs. Peak Limit		
CL	Cable Loss					HPF	High Pass Filter								

6.2. AC MAINS LINE CONDUCTED EMISSIONS

TEST PROCEDURE

ANSI C63.4

LIMIT

§15.107 (a) Except for Class A digital devices, for equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table, as measured using a 50 μ H/50 ohms line impedance stabilization network (LISN). Compliance with the provisions of this paragraph shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminal. The lower limit applies at the band edges.

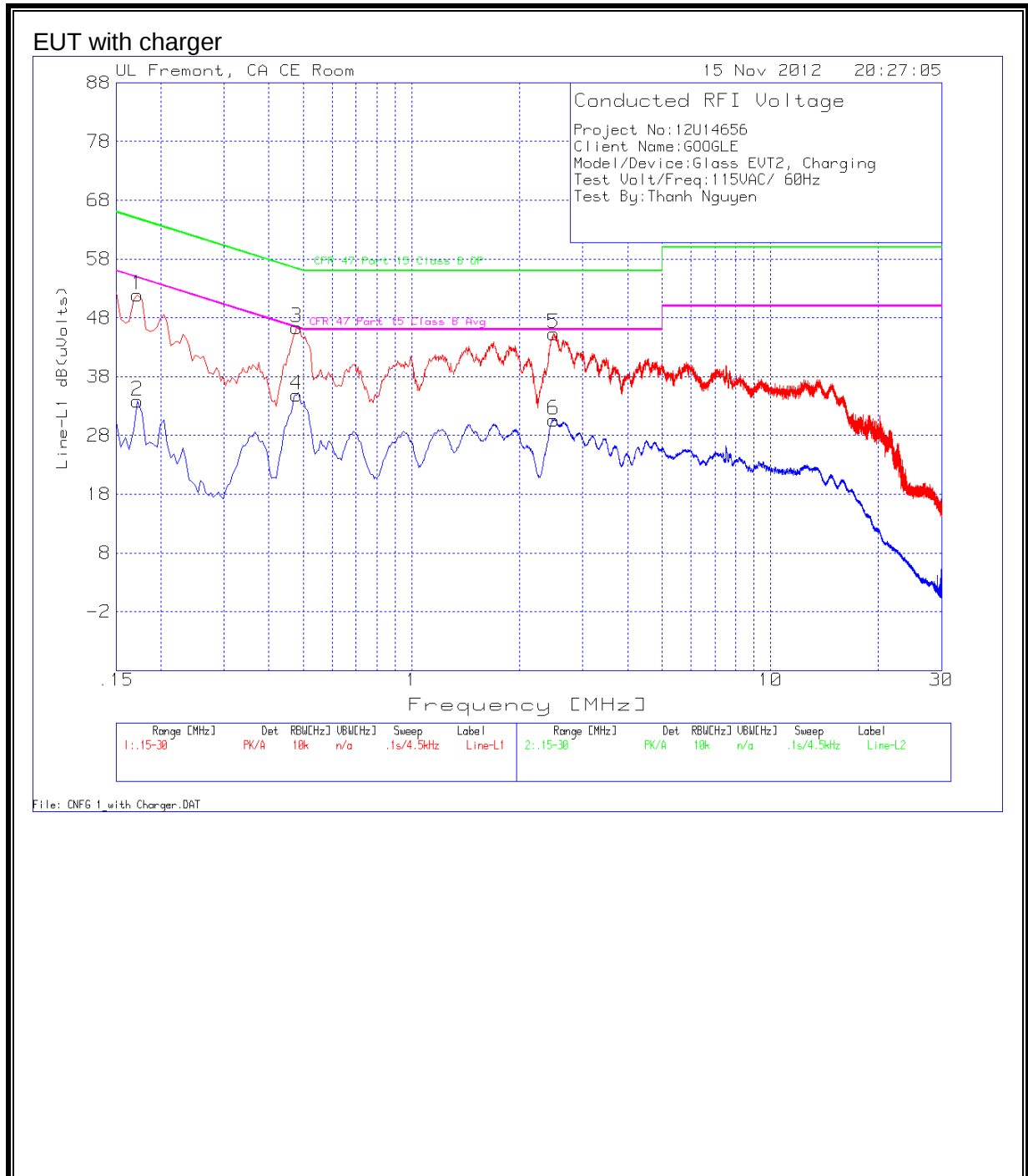
Frequency range (MHz)	Limits (dB μ V)	
	Quasi-peak	Average
0.15 to 0.50	66 to 56	56 to 46
0.50 to 5	56	46
5 to 30	60	50
Notes: 1. The lower limit shall apply at the transition frequencies 2. The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz.		

RESULTS – with charger

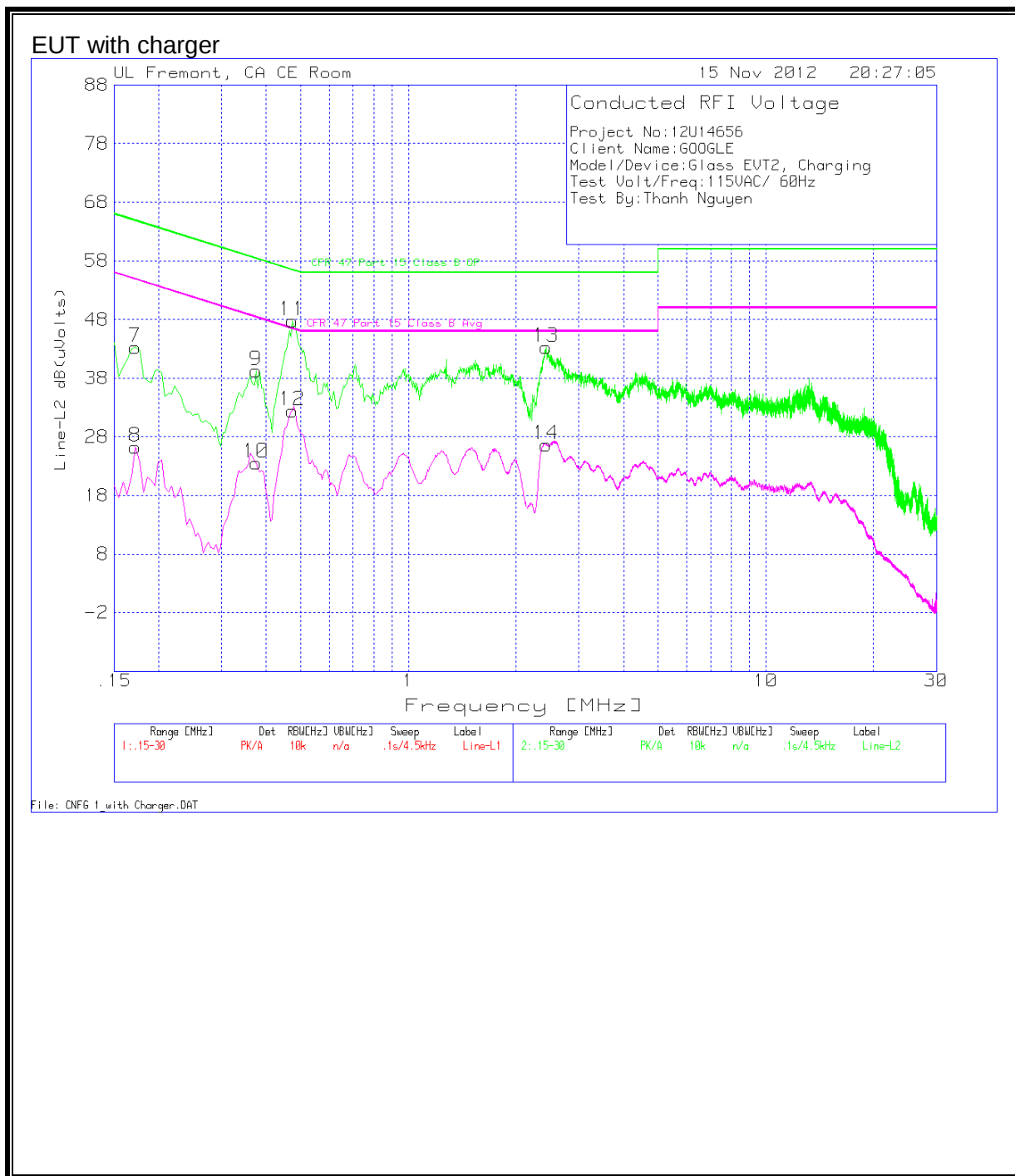
WORST EMISSIONS

Project No:12U14656									
Client Name:GOOGLE									
Model/Device:Glass EVT2, Charging									
Test Volt/Freq:115VAC/ 60Hz									
Test By:Thanh Nguyen									
Frequency MHz	Reading dB(μV)	Detector	T24 LISN dB	Cables dB	Corrected dB(μV)	CFR 47 Part 15 Class B QP	QP Margin dB	CFR 47 Part 15 Class B Avg	Av Margin dB
Line-L1 .15 - 30MHz									
0.1725	51.8	PK	0.1	0	51.9	64.8	-12.9	-	-
0.1725	33.74	Av	0.1	0	33.84	-	-	54.8	-20.96
0.4785	46.28	PK	0.1	0	46.38	56.4	-10.02	-	-
0.4785	34.78	Av	0.1	0	34.88	-	-	46.4	-11.52
2.49	45.12	PK	0.1	0.1	45.32	56	-10.68	-	-
2.49	30.48	Av	0.1	0.1	30.68	-	-	46	-15.32
Line-L2 .15 - 30MHz									
0.1725	43.16	PK	0.1	0	43.26	64.8	-21.54	-	-
0.1725	26.11	Av	0.1	0	26.21	-	-	54.8	-28.59
0.375	39.21	PK	0.1	0	39.31	58.4	-19.09	-	-
0.375	23.43	Av	0.1	0	23.53	-	-	48.4	-24.87
0.474	47.69	PK	0.1	0	47.79	56.4	-8.61	-	-
0.474	32.3	Av	0.1	0	32.4	-	-	46.4	-14
2.4315	43.1	PK	0.1	0.1	43.3	56	-12.7	-	-
2.4315	26.48	Av	0.1	0.1	26.68	-	-	46	-19.32
PK - Peak detector									
Av - Average detector									

LINE 1 RESULTS



LINE 2 RESULTS

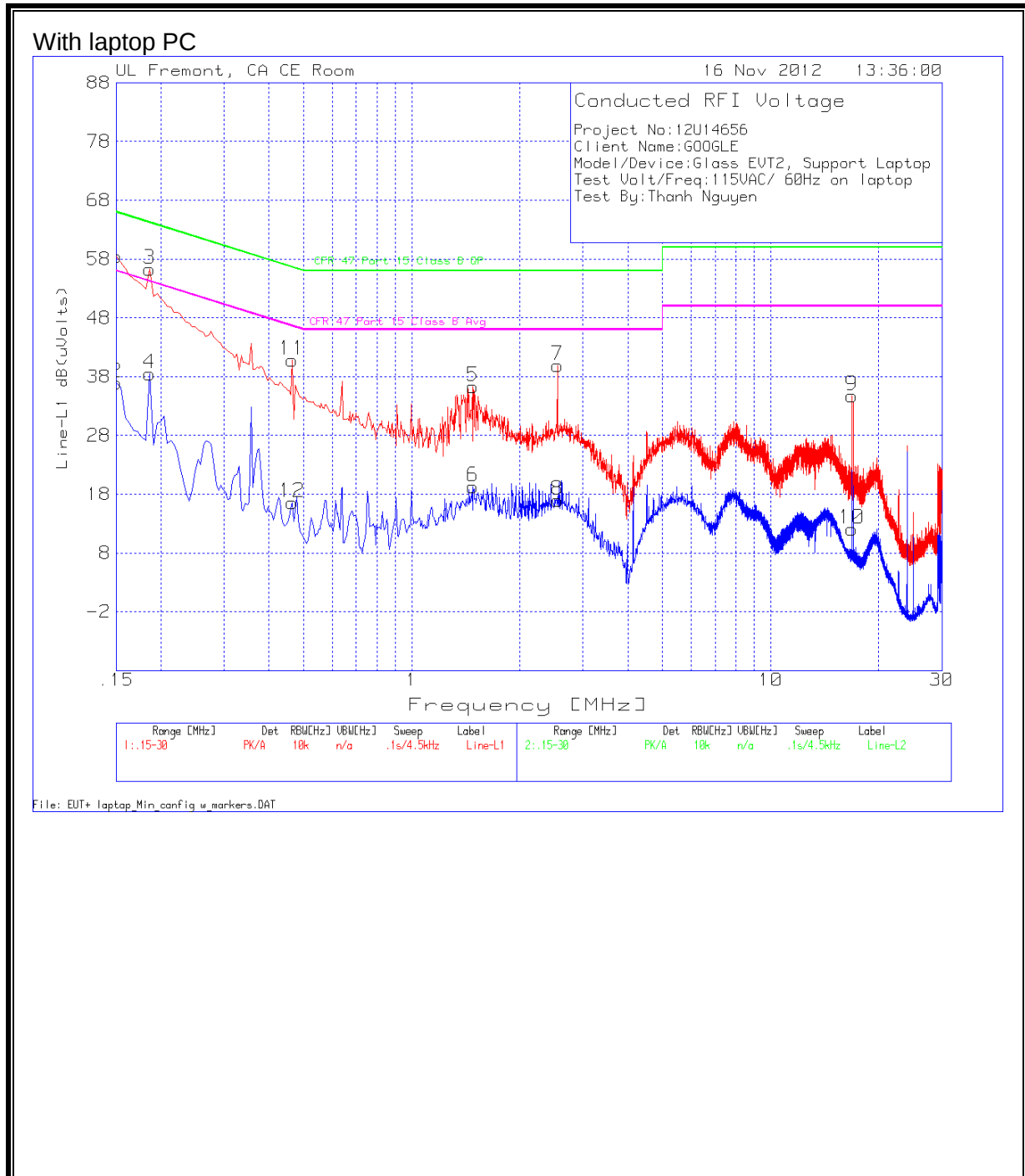


RESULTS – EUT with laptop

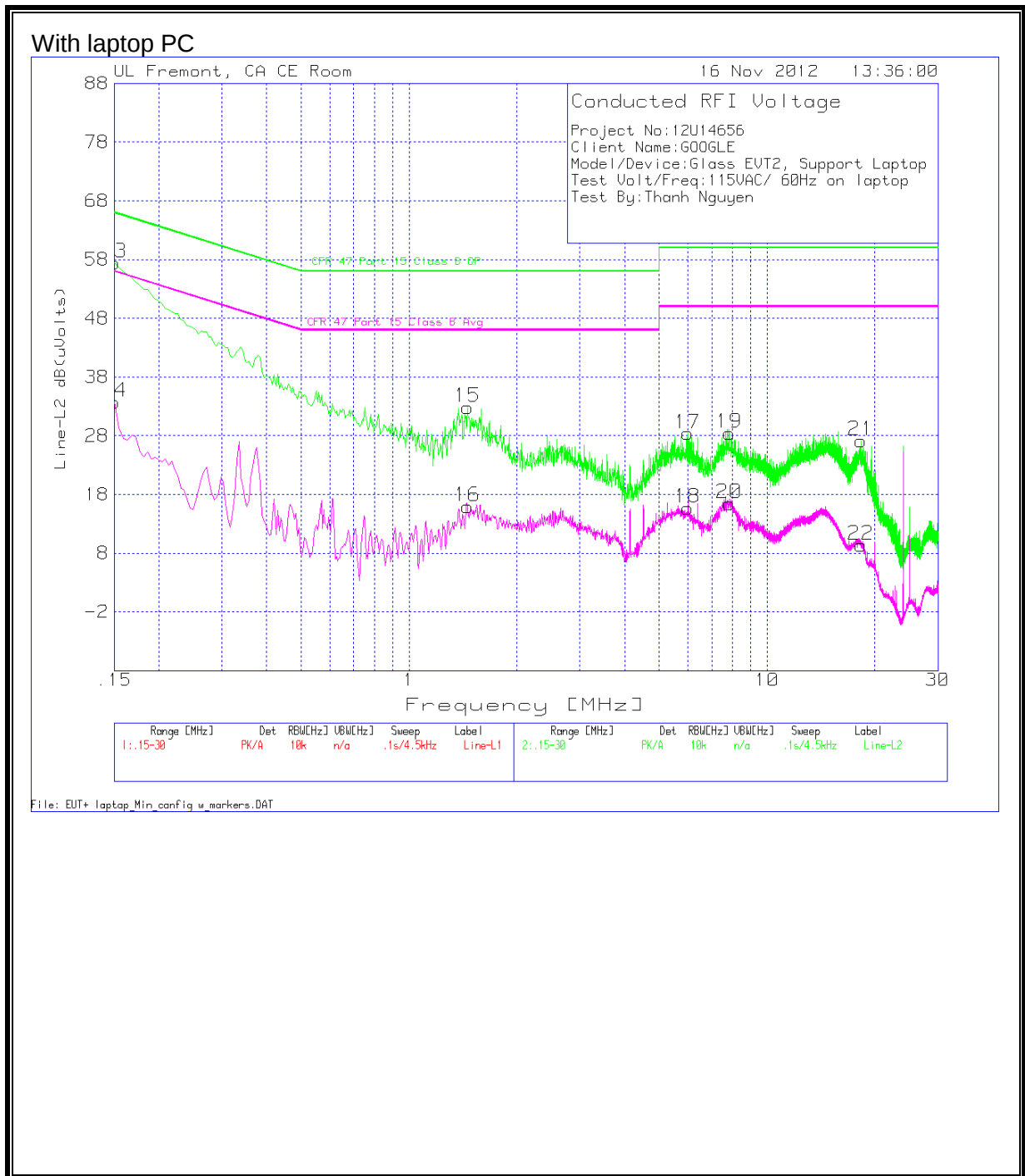
WORST EMISSIONS

Project No:12U14656									
Client Name:GOOGLE									
Model/Device:Glass EVT2, Support Laptop									
Test Volt/Freq:115VAC/ 60Hz on laptop									
Test By:Thanh Nguyen									
Frequency MHz	Reading dB(μV)	Detector	T24 LISN dB	Cables dB	Corrected dB(μV)	CFR 47 Part 15 Class B QP	QP Margin dB	CFR 47 Part 15 Class B Avg	Av Margin dB
Line-L1 .15 - 30MHz									
0.15	58.31	PK	0.1	0	58.41	66	-7.59	-	-
0.15	36.84	Av	0.1	0	36.94	-	-	56	-19.06
0.186	56.2	PK	0.1	0	56.3	64.2	-7.9	-	-
0.186	38.4	Av	0.1	0	38.5	-	-	54.2	-15.7
1.482	36.14	PK	0.1	0.1	36.34	56	-19.66	-	-
1.482	19.06	Av	0.1	0.1	19.26	-	-	46	-26.74
2.544	39.69	PK	0.1	0.1	39.89	56	-16.11	-	-
2.544	16.72	Av	0.1	0.1	16.92	-	-	46	-29.08
16.818	34.37	PK	0.2	0.2	34.77	60	-25.23	-	-
16.818	11.69	Av	0.2	0.2	12.09	-	-	50	-37.91
0.465	40.73	PK	0.1	0	40.83	56.6	-15.77	-	-
0.465	16.53	Av	0.1	0	16.63	-	-	46.6	-29.97
Line-L2 .15 - 30MHz									
0.15	57.37	PK	0.1	0	57.47	66	-8.53	-	-
0.15	33.59	Av	0.1	0	33.69	-	-	56	-22.31
1.455	32.58	PK	0.1	0.1	32.78	56	-23.22	-	-
1.455	15.78	Av	0.1	0.1	15.98	-	-	46	-30.02
6.0135	28.17	PK	0.1	0.1	28.37	60	-31.63	-	-
6.0135	15.42	Av	0.1	0.1	15.62	-	-	50	-34.38
7.8315	28.27	PK	0.1	0.1	28.47	60	-31.53	-	-
7.8315	16.25	Av	0.1	0.1	16.45	-	-	50	-33.55
18.312	26.78	PK	0.2	0.2	27.18	60	-32.82	-	-
18.312	8.95	Av	0.2	0.2	9.35	-	-	50	-40.65
PK - Peak detector									
Av - Average detector									

LINE 1 RESULTS



LINE 2 RESULTS



END OF REPORT