FCC CFR47 PART 15 SUBPART C

CERTIFICATION TEST REPORT

FOR

Kyocera Communications Inc.

MODEL NUMBER: S1360

FCC ID: V65S1360

REPORT NUMBER: 13U15003-2

ISSUE DATE: May 13, 2013

Prepared for
Kyocera Communication Inc
8611 Balboa Ave.
San Diego, CA 92123

Prepared by
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Revision History

Rev.	Issue Date	Revisions	Revised By
--	05/13/13	Initial Issue	M.Ferrer

TABLE OF CONTENTS

1. ATTESTATION OF TEST RESULTS

COMPANY NAME: Kyocera Communications Inc
8611 Balboa Ave.
San Diego, CA 92123

EUT DESCRIPTION: Single Band CDMA Mobile Phone with Bluetooth

MODEL: S1360

SERIAL NUMBER: Prototype

DATE TESTED: April 30, 2013 – May 10, 2013

APPLICABLE STANDARDS	
STANDARD	**TEST RESULTS**
CFR 47 Part 15 Subpart C	Pass

UL 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 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 and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by UL 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 By:

BART MUCHA
Staff Engineer
UL LLC

Tested By:

MICHAEL FERRER
SENIOR PROJECT ENGINEER
UL LLC

2. TEST METHODOLOGY

The tests documented in this report were performed in accordance with ANSI C63.4-2003, FCC CFR 47 Part 2, FCC CFR 47 Part 15

3. FACILITIES AND ACCREDITATION

The test sites and measurement facilities used to collect data are located at 333 Pfingsten Road, Northbrook, IL 60193, USA.

UL NBK is accredited by NVLAP, Laboratory Code 100414-0

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

Sample Calculations
Radiated Field Strength and Conducted Emissions data contained within this report is calculated on the following basis:

Field Strength (dBuV/m) = Meter Reading (dBuV) + AF (dB/m) - Gain (dB) + Cable Loss (dB)
Conducted Voltage (dBuV) = Meter Reading (dBuV) + Cable Loss (dB) + LISN IL (dB)
Conducted Current (dBuA) = Meter Reading (dBuV) + Cable Loss (dB) - Transducer Factor (dBohms)

4.3. MEASUREMENT UNCERTAINTY

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

Test	Range	Equipment	Uncertainty k=2
Radiated Emissions	30-200MHz	Bicon 3m Horz	3.30dB
Radiated Emissions	30-130MHz	Bicon 3m Vert	4.84dB
Radiated Emissions	130-200MHz	Bicon 3m Vert	4.94dB
Radiated Emissions	200-1000MHz	LogP 3m Horz	3.46dB
Radiated Emissions	200-1000MHz	LogP 3m Vert	4.98dB
Radiated Emissions	1-6GHz	Horn	5.02dB
Radiated Emissions	6-18GHz	Horn	5.34dB
Radiated Emissions	18-26GHz	Horn	6.60dB

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

5. EQUIPMENT UNDER TEST

5.1. DESCRIPTION OF EUT

The EUT is a Single Band CDMA Mobile Phone with Bluetooth that manufacturer by Kyocera Communications Inc.

5.2. SOFTWARE AND FIRMWARE

The firmware installed in the EUT during testing was Software 0.160AW, Hardware 0101, PRL Version 890

Bluetooth menu unlocked to select different BT modes and channels.

5.3. WORST-CASE CONFIGURATION AND MODE

Radiated emission and power line conducted emission were performed with the EUT set to transmit at the channel with highest output power as worst-case scenario.

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

It was found that QPSK modulation was the worst case, therefore was used for all testing.

5.4. DESCRIPTION OF TEST SETUP

SUPPORT EQUIPMENT

PERIPHERAL SUPPORT EQUIPMENT LIST				
Description	Manufacturer	Model	Serial Number	FCC ID
AC Adapter	Kyocera	SCP-35ADT	-	DoC
Headset	Kyocera	-	-	DoC

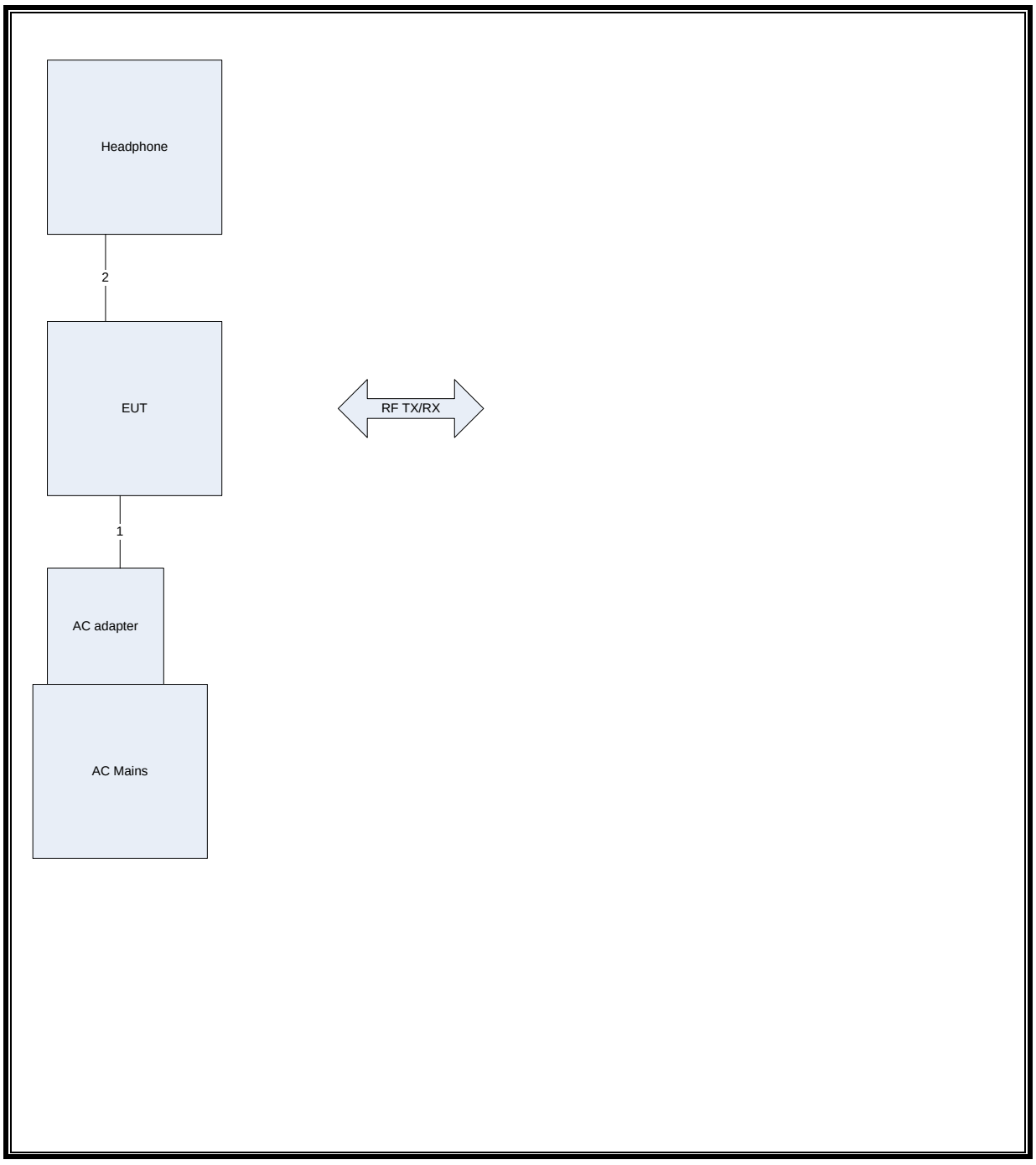
I/O CABLES

I/O CABLE LIST						
Cable No.	Port	# of Identical Ports	Connector Type	Cable Type	Cable Length	Remarks
1	USB	1	DC	Shielded	1.2	Connects to AC supply
2	Headphone	1	IO	Un-shielded	1.45	None

TEST SETUP

The EUT contained test software to set Bluetooth channels to transmit at various channels, modulations and data rates.

SETUP DIAGRAM FOR TESTS



6. 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**
EMI Test Receiver	Rohde & Schwarz	ESU	EMC4323	20131231
Bicon Antenna	Chase	VBA6106A	EMC4078	20140228
Log-P Antenna	Chase	UPA6109	EMC4313	20130831
Spectrum Analyzer	Rhode & Schwarz	FSEK	EMC4182	20131231
Antenna Array	UL	BOMS	EMC4276	20131231
EMI Test Receiver	Rohde & Schwarz	ESCI	EMC4328	20131231
Transient Limiter	Electro-Metrics	EM7600-2	EMC4224	N/A
HighPass Filter	Solar Electronics	2803-150	EMC4327	N/A
Attenuator	HP	8494B	2831A00838	N/A
LISN - L1	Solar	8602-50-TS-50-N	EMC4052	20140106
LISN - L2	Solar	8602-50-TS-50-N	EMC4064	20140106

7. RADIATED TEST RESULTS

7.1. LIMITS AND PROCEDURE

LIMITS

FCC §15.205 and §15.209

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. The EUT is configured in accordance with ANSI C63.4:2003. The EUT is set to transmit in a continuous mode.

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, then the video bandwidth is set to 1 MHz for peak measurements and 10 Hz for average measurements.

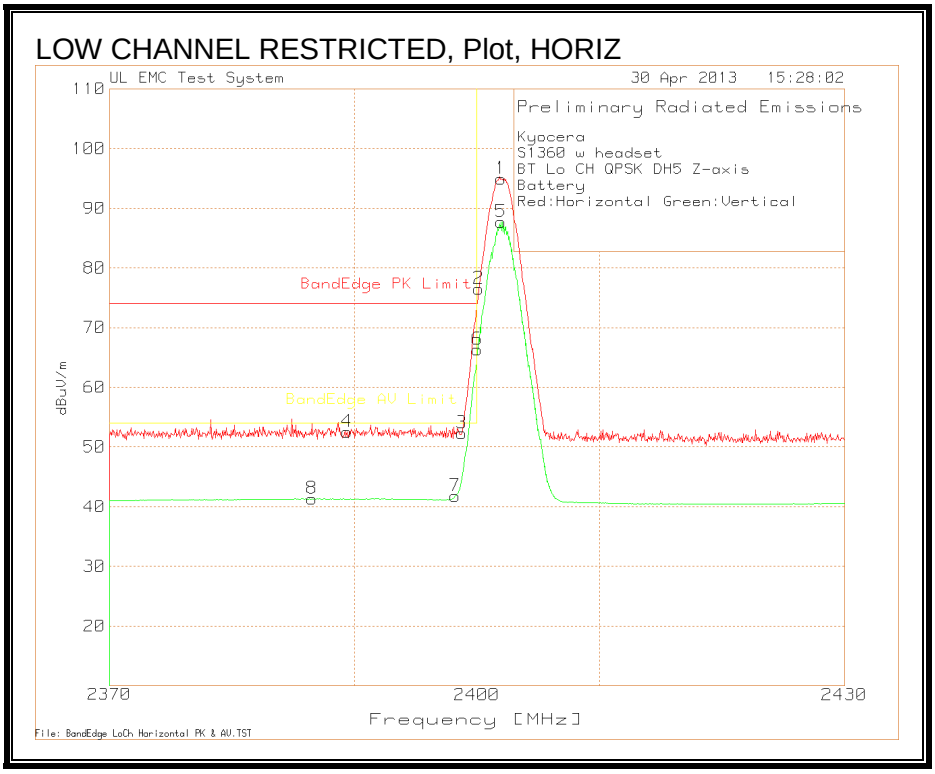
The spectrum from 30 MHz to 26 GHz is investigated with the transmitter set to the lowest, middle, and highest channels in the 2.4 GHz band.

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.

7.2. TRANSMITTER ABOVE 1 GHz

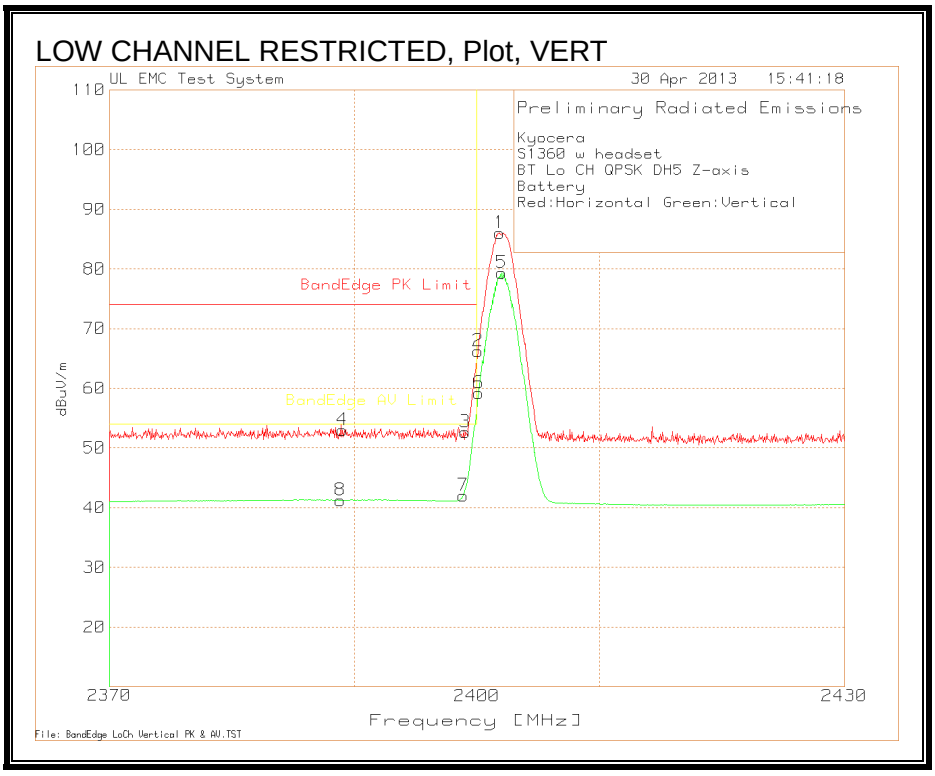
7.2.1. QPSK MODULATION

RESTRICTED BANDEDGE (LOW CHANNEL, HORIZONTAL)



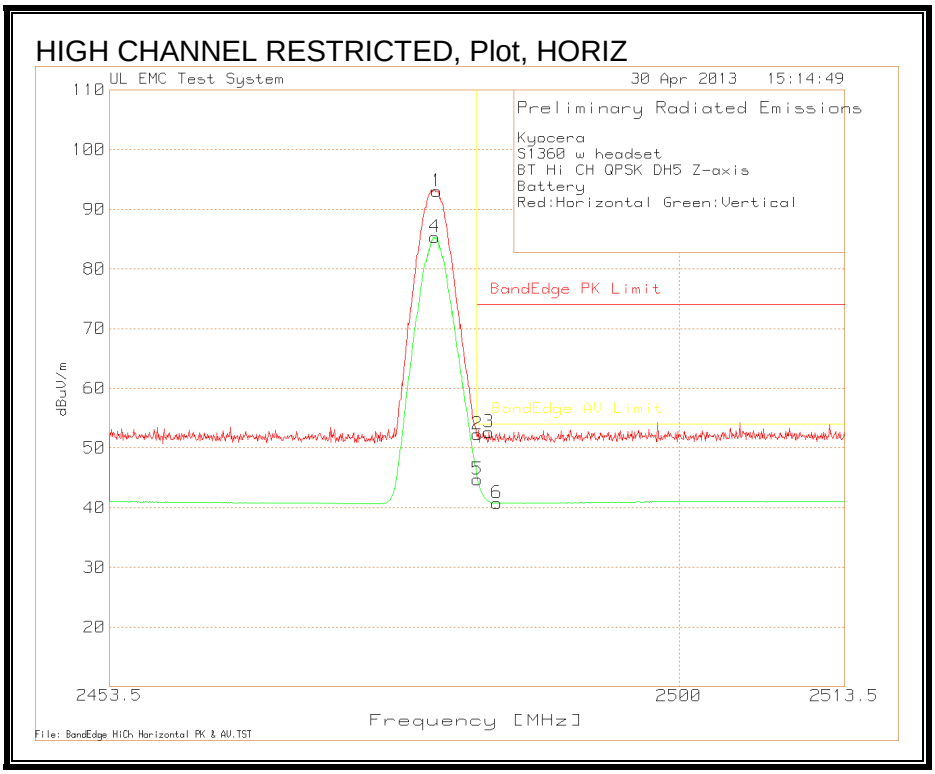
Kyocera												
S1360 w headset												
BT Lo CH QPSK DH5 Z-axis												
Battery												
Red:Horizontal Green:Vertical												
Peak 2370 - 2430MHz												
Marker No.	Test Frequency	Meter Reading	Detector	EMCO3161-02 S/N 99061052 3m UL (dB)	BOMS Factor (dB)	dBuV/m	BandEdge PK Limit	Margin	BandEdge AV Limit	Margin	Height [cm]	Polarity
1	2401.952	68.91	PK	21.8	4.26	94.97	n/a	n/a	n/a	n/a	99	Horz
2	2400.15	50.37	PK	21.8	4.31	76.48	n/a	n/a	n/a	n/a	99	Horz
3	2398.769	26.2	PK	21.8	4.34	52.34	74	-21.66	n/a	n/a	99	Horz
4	2389.399	26.32	PK	21.8	4.47	52.59	74	-21.41	n/a	n/a	150	Horz
Avearge 2370 - 2430MHz												
Marker No.	Test Frequency	Meter Reading	Detector	EMCO3161-02 S/N 99061052 3m UL (dB)	BOMS Factor (dB)	dBuV/m	BandEdge PK Limit	Margin	BandEdge AV Limit	Margin	Height [cm]	Polarity
5	2401.952	61.65	AV	21.8	4.26	87.71	n/a	n/a	n/a	n/a	99	Horz
6	2400.03	40.19	AV	21.8	4.31	66.3	n/a	n/a	n/a	n/a	99	Horz
7	2398.228	15.58	AV	21.8	4.36	41.74	n/a	n/a	54	-12.26	99	Horz
8	2386.517	15.1	AV	21.8	4.42	41.32	n/a	n/a	54	-12.68	150	Horz

RESTRICTED BANDEDGE (LOW CHANNEL, VERTICAL)



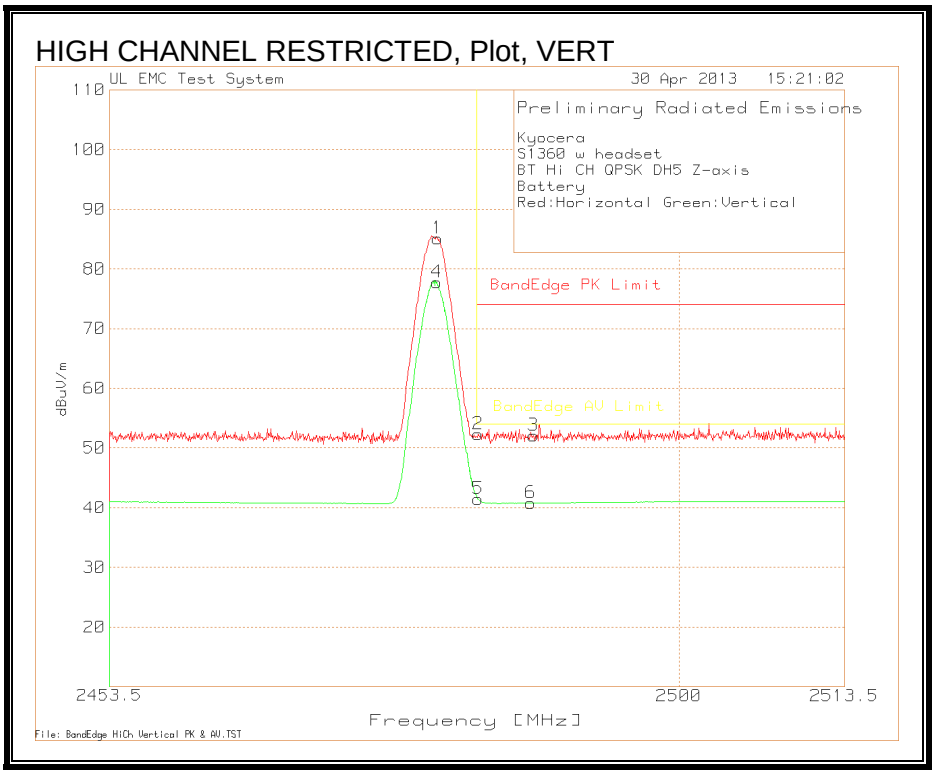
Kyocera												
S1360 w headset												
BT Lo CH QPSK DH5 Z-axis												
Battery												
Red:Horizontal Green:Vertical												
Peak 2370 - 2430MHz												
Marker No.	Test Frequency	Meter Reading	Detector	EMCO3161-02 S/N 99061052 3m UL (dB)	BOMS Factor (dB)	dBuV/m	BandEdge PK Limit	Margin	BandEdge AV Limit	Margin	Height [cm]	Polarity
1	2401.832	59.95	PK	21.8	4.27	86.02	n/a	n/a	n/a	n/a	99	Vert
2	2400.09	40.07	PK	21.8	4.31	66.18	n/a	n/a	n/a	n/a	99	Vert
3	2399.069	26.48	PK	21.8	4.33	52.61	74	-21.39	n/a	n/a	99	Vert
4	2389.039	26.75	PK	21.8	4.46	53.01	74	-20.99	n/a	n/a	150	Vert
Avearge 2370 - 2430MHz												
Marker No.	Test Frequency	Meter Reading	Detector	EMCO3161-02 S/N 99061052 3m UL (dB)	BOMS Factor (dB)	dBuV/m	BandEdge PK Limit	Margin	BandEdge AV Limit	Margin	Height [cm]	Polarity
5	2402.012	53.32	AV	21.8	4.26	79.38	n/a	n/a	n/a	n/a	99	Vert
6	2400.15	33.15	AV	21.8	4.31	59.26	n/a	n/a	n/a	n/a	99	Vert
7	2398.889	15.9	AV	21.8	4.34	42.04	n/a	n/a	54	-11.96	99	Vert
8	2388.859	15	AV	21.8	4.46	41.26	n/a	n/a	54	-12.74	150	Vert

RESTRICTED BANDEDGE (HIGH CHANNEL, HORIZONTAL)



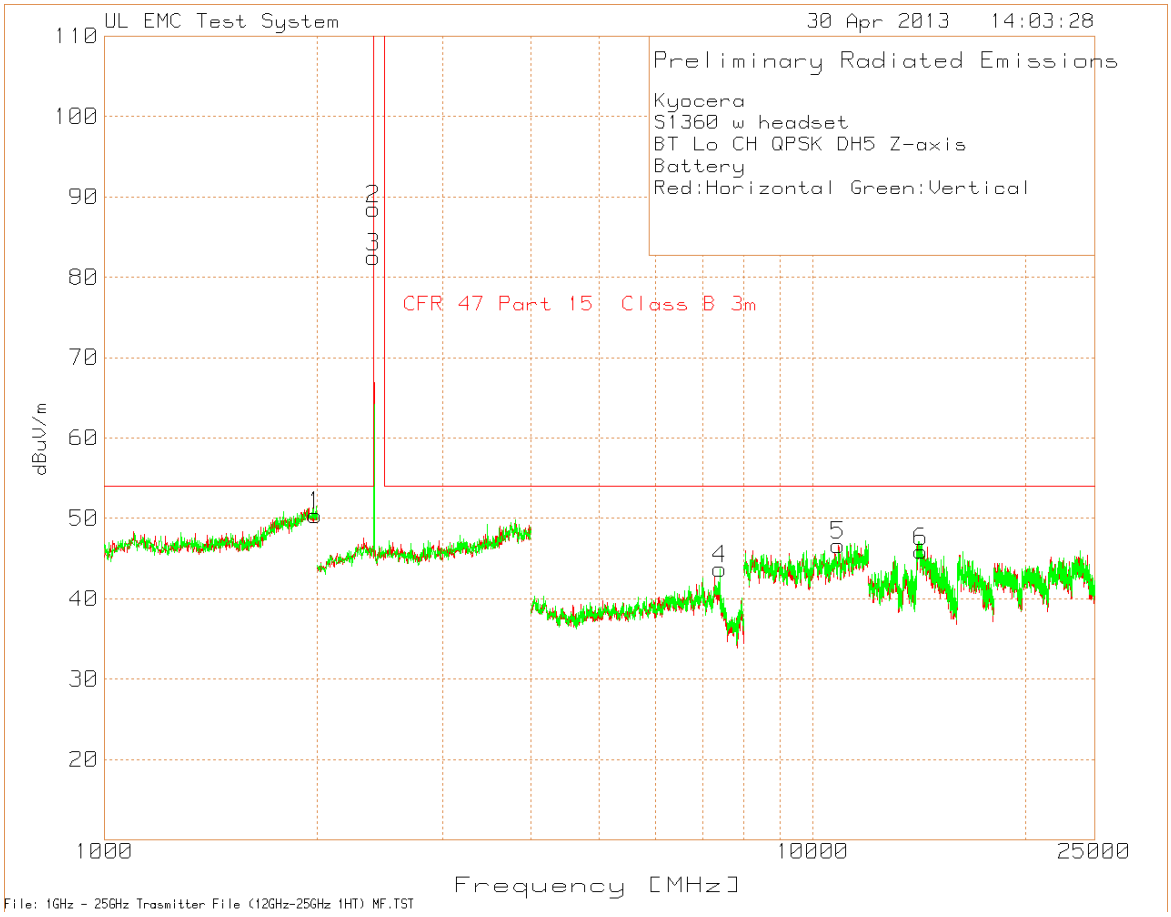
Kyocera												
S1360 w headset												
BT Hi CH QPSK DH5 Z-axis												
Battery												
Red:Horizontal Green:Vertical												
Peak 2453.5 - 2513.5MHz												
Marker No.	Test Frequency	Meter Reading	Detector	EMCO3161-02 S/N 99061052 3m UL (dB)	BOMS Factor (dB)	dBuV/m	BandEdge PK Limit	Margin	BandEdge AV Limit	Margin	Height [cm]	Polarity
1	2480.227	67.23	PK	22	3.77	93	n/a	n/a	n/a	n/a	99	Horz
2	2483.53	26.46	PK	22.1	3.77	52.33	74	-21.67	n/a	n/a	99	Horz
3	2484.491	26.8	PK	22.1	3.77	52.67	74	-21.33	n/a	n/a	150	Horz
Avearge 2453.5 - 2513.5MHz												
Marker No.	Test Frequency	Meter Reading	Detector	EMCO3161-02 S/N 99061052 3m UL (dB)	BOMS Factor (dB)	dBuV/m	BandEdge PK Limit	Margin	BandEdge AV Limit	Margin	Height [cm]	Polarity
4	2480.047	59.62	AV	22	3.77	85.39	n/a	n/a	n/a	n/a	100	Horz
5	2483.53	18.83	AV	22.1	3.77	44.7	n/a	n/a	54	-9.3	100	Horz
6	2485.152	14.87	AV	22.1	3.77	40.74	n/a	n/a	54	-13.26	150	Horz

RESTRICTED BANDEDGE (HIGH CHANNEL, VERTICAL)



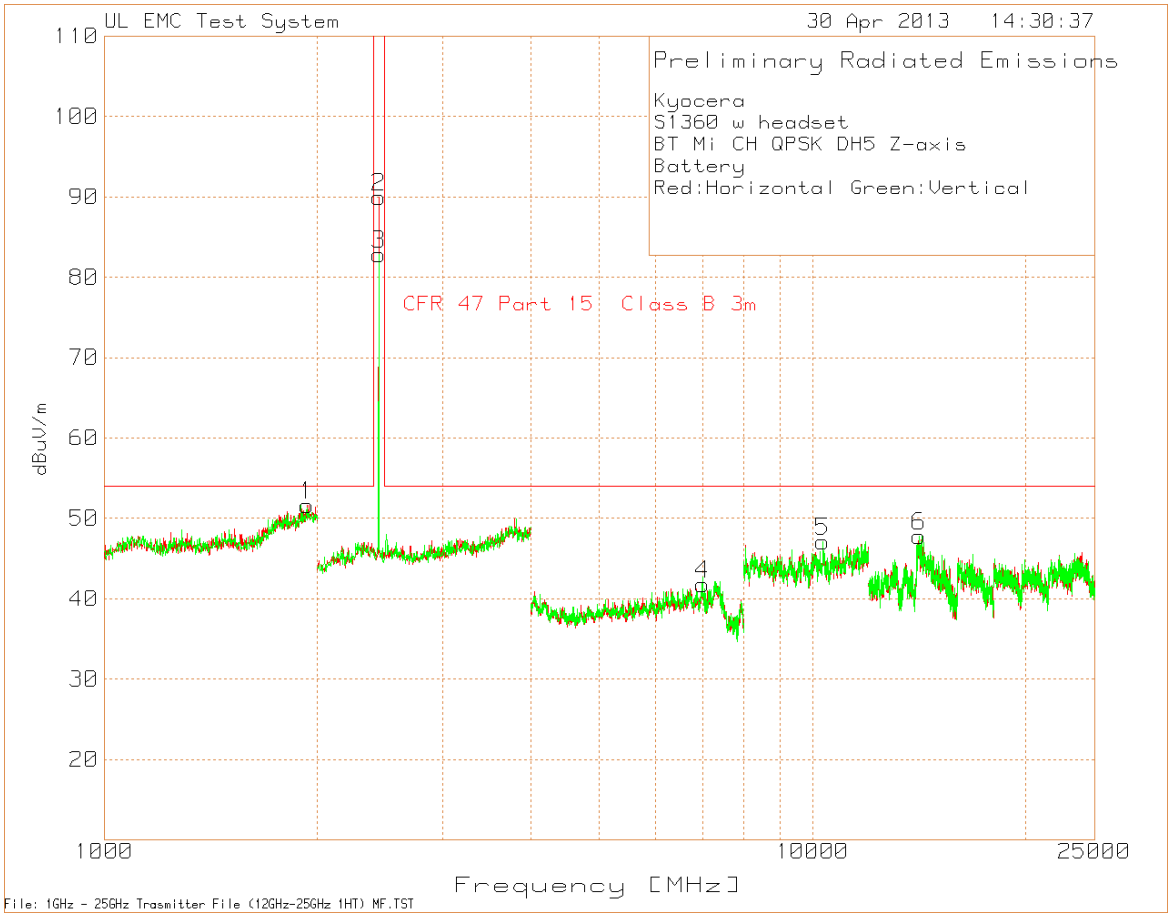
Kyocera												
S1360 w headset												
BT Hi CH QPSK DH5 Z-axis												
Battery												
Red:Horizontal Green:Vertical												
Peak 2453.5 - 2513.5MHz												
Marker No.	Test Frequency	Meter Reading	Detector	EMCO3161-02 S/N 99061052 3m UL (dB)	BOMS Factor (dB)	dBuV/m	BandEdge PK Limit	Margin	BandEdge AV Limit	Margin	Height [cm]	Polarity
1	2480.287	59.39	PK	22	3.77	85.16	n/a	n/a	n/a	n/a	99	Vert
2	2483.59	26.4	PK	22.1	3.77	52.27	74	-21.73	n/a	n/a	150	Vert
3	2488.095	26.19	PK	22.1	3.78	52.07	74	-21.93	n/a	n/a	150	Vert
Avearge 2453.5 - 2513.5MHz												
Marker No.	Test Frequency	Meter Reading	Detector	EMCO3161-02 S/N 99061052 3m UL (dB)	BOMS Factor (dB)	dBuV/m	BandEdge PK Limit	Margin	BandEdge AV Limit	Margin	Height [cm]	Polarity
4	2480.227	52	AV	22	3.77	77.77	n/a	n/a	n/a	n/a	99	Vert
5	2483.59	15.6	AV	22.1	3.77	41.47	n/a	n/a	54	-12.53	99	Vert
6	2487.914	14.92	AV	22.1	3.78	40.8	n/a	n/a	54	-13.2	99	Vert

HARMONICS AND SPURIOUS EMISSIONS



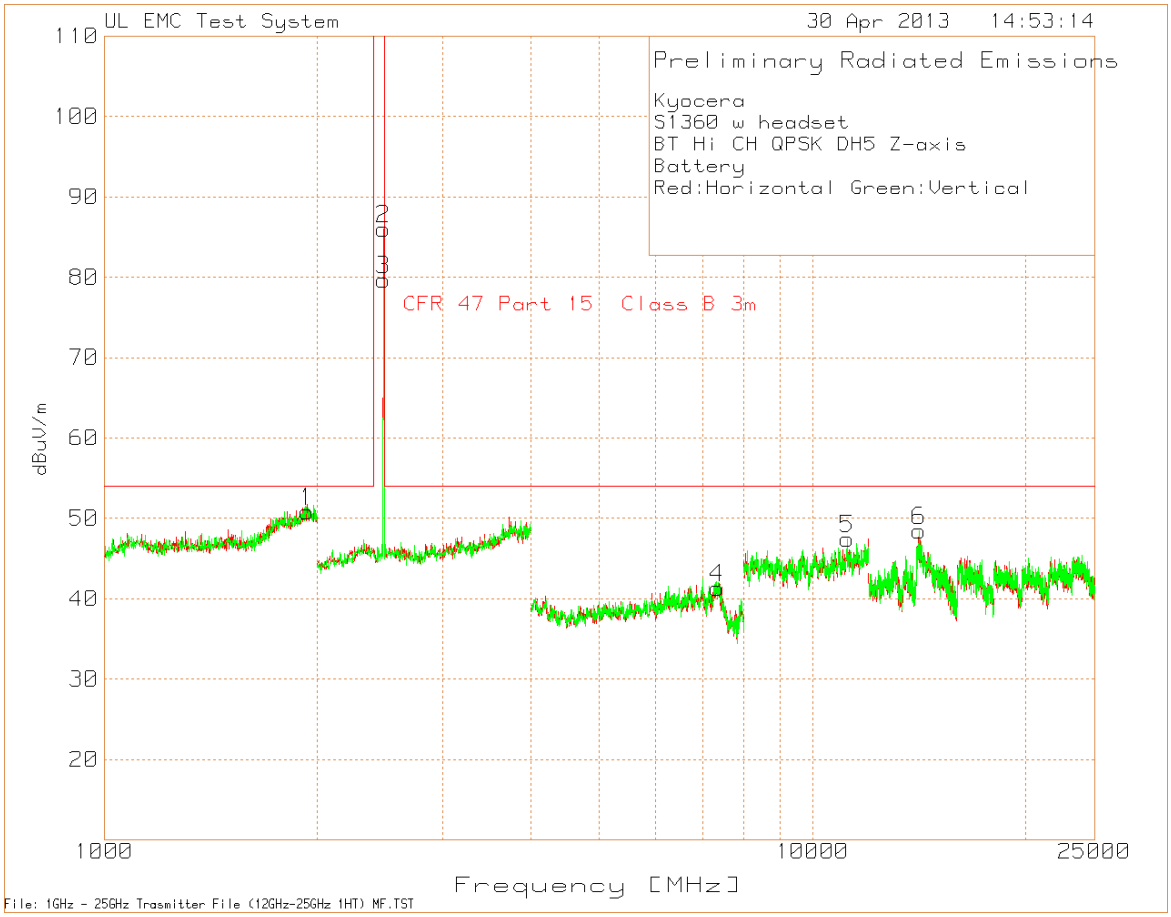
All Emissions considered below noise floor.

HARMONICS AND SPURIOUS EMISSIONS



All Emissions considered below noise floor

HARMONICS AND SPURIOUS EMISSIONS

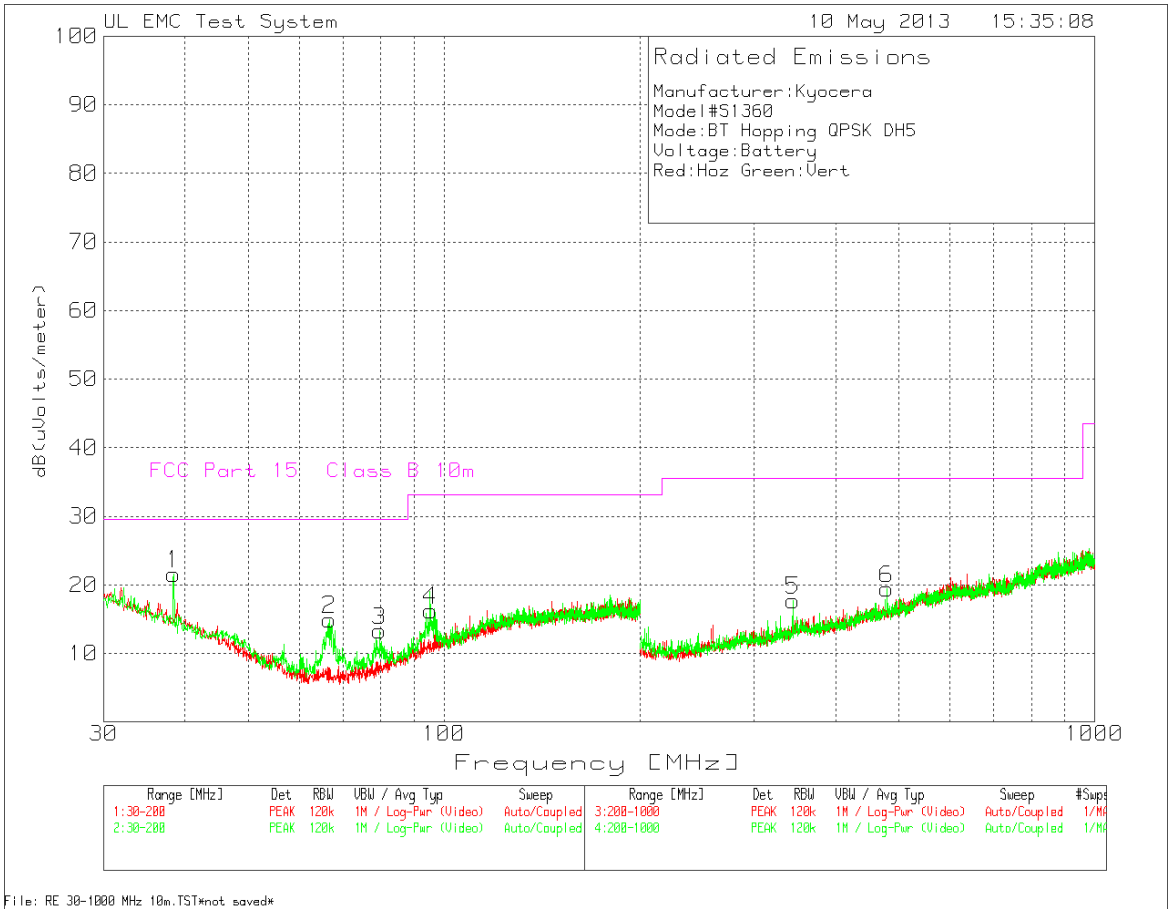


All Emissions considered below noise floor.

7.3. WORST-CASE BELOW 1 GHz

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

PLOT

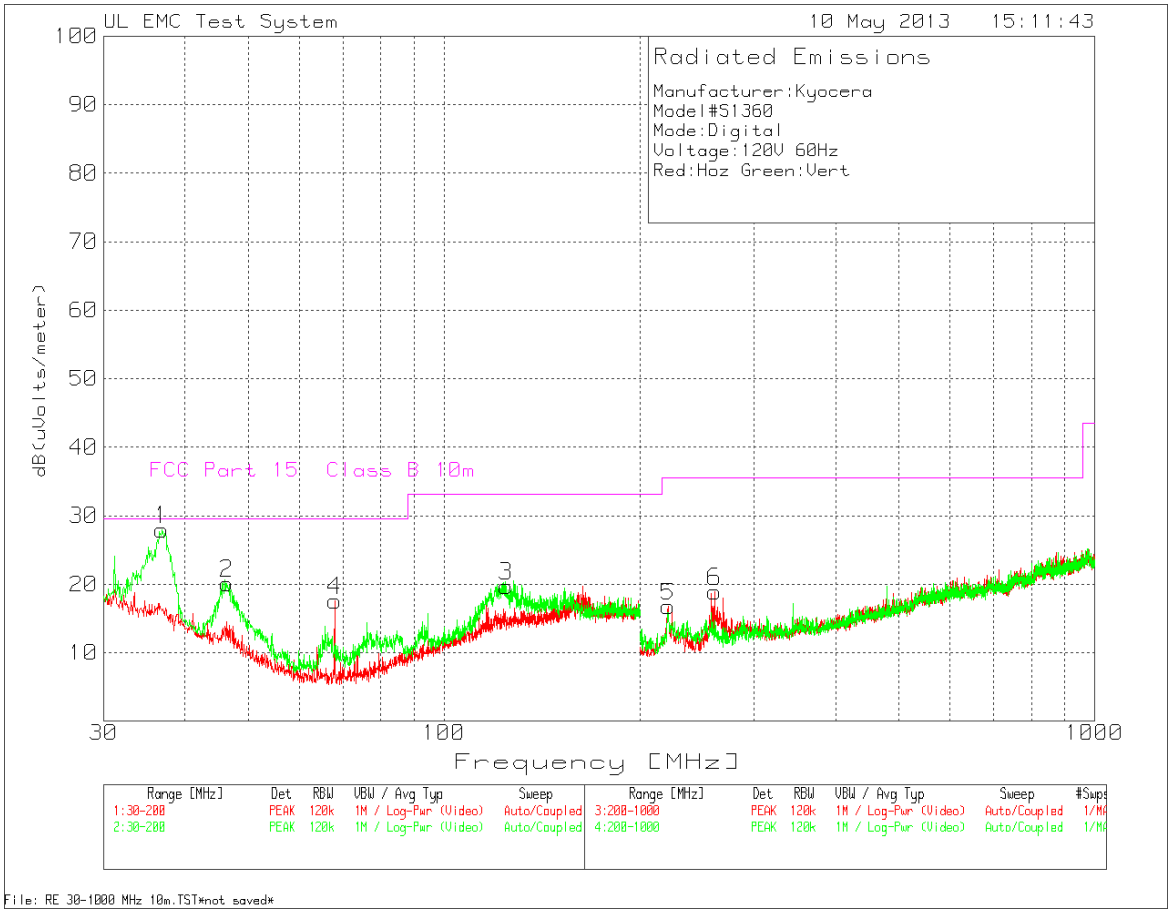


All Emissions at least 6dB below the limit

7.4. DIGITAL DEVICE BELOW 1 GHz

SPURIOUS EMISSIONS 30 TO 1000 MHz (DIGITAL DEVICE)

PLOT



DATA

Manufacturer:Kyocera										
Model#S1360										
Mode:Digital										
Voltage:120V 60Hz										
Red:Hoz Green:Vert										
Marker No.	Test Frequency	Meter Reading	Detector	Antenna Factor	Cable Factor	dB(uVolts/meter)	FCC Part 15 Class B 10m	Margin	Height [cm]	Polarity
4	67.8911	40.69	PK	6.3	-29.4	17.59	29.6	-12.01	250	Horz
1	36.8816	42.02	PK	15.3	-29.4	27.92	29.6	-1.68	99	Vert
2	46.3968	38.45	PK	11.1	-29.4	20.15	29.6	-9.45	99	Vert
3	124.6427	34.87	PK	14.2	-29.4	19.67	33.1	-13.43	99	Vert
5	221.0526	37.83	PK	10.9	-32	16.73	35.6	-18.87	399	Horz
6	260.493	38.36	PK	12.5	-31.9	18.96	35.6	-16.64	399	Horz
Test Frequency	Meter Reading	Detector	Antenna Factor	Cable Factor	dB(uVolts/meter)	FCC Part 15 Class B 10m	Margin	Azimuth [Degs]	Height [cm]	Polarity
37.020962	39.26	QP	15.3	-29.4	25.16	29.6	-4.44	24	100	Vert
PK - Peak detector										
QP - Quasi-Peak detector										

8. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

RSS-Gen 7.2.2

Frequency of Emission (MHz)	Conducted Limit (dBuV)	
	Quasi-peak	Average
0.15-0.5	66 to 56 *	56 to 46 *
0.5-5	56	46
5-30	60	50

* Decreases with the logarithm of the frequency.

TEST PROCEDURE

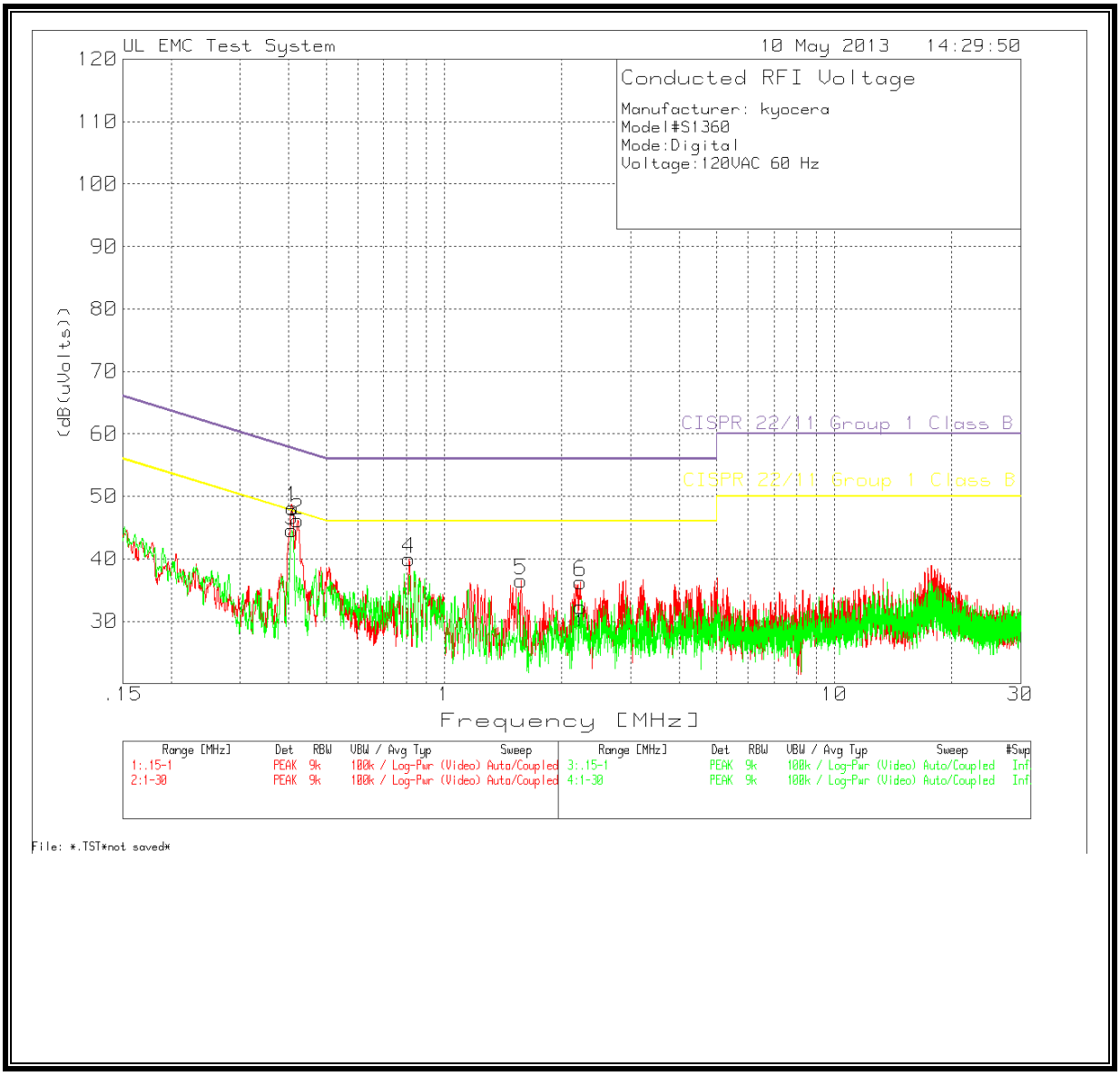
The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.4:2003.

The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

Line conducted data is recorded for both NEUTRAL and HOT lines.

RESULTS

Digital Mode RESULTS



Manufacturer: kyocera
Model#S1360
Mode:Digital
Voltage:120VAC 60 Hz

No.	Test Frequency [MHz]	Meter Reading (dBuV)	Transducer Factor [dB]	Gain/Loss Factor [dB]	Level (dB(uVolts))	Limit:1	2	3	4	5	6
Line - L1 .15 - 1MHz											
1	.40884	37.4 PK	.1	10.7	48.2	-	-	57.7	47.7	-	-
				Margin [dB]		-	-	-9.5	.5	-	-
2	.42137	35.33 PK	.1	10.7	46.13	-	-	57.4	47.4	-	-
				Margin [dB]		-	-	-11.27	-1.27	-	-
4	.81187	29.32 PK	.1	10.6	40.02	-	-	56	46	-	-
				Margin [dB]		-	-	-15.98	-5.98	-	-
Line - L1 1 - 30MHz											
5	1.57225	25.81 PK	.1	10.6	36.51	-	-	56	46	-	-
				Margin [dB]		-	-	-19.49	-9.49	-	-
6	2.23504	25.58 PK	.1	10.6	36.28	-	-	56	46	-	-
				Margin [dB]		-	-	-19.72	-9.72	-	-
Line - L2 .15 - 1MHz											
3	.40715	33.78 PK	.1	10.7	44.58	-	-	57.7	47.7	-	-
				Margin [dB]		-	-	-13.12	-3.12	-	-

LIMIT 1: NONE
LIMIT 2: NONE
LIMIT 3: CISPR 22/11 Group 1 Class B QP
LIMIT 4: CISPR 22/11 Group 1 Class B AV
LIMIT 5: NONE
LIMIT 6: NONE

PK - Peak detector

Frequency [MHz]	Test	Meter Reading (dBuV)	Transducer Factor [dB]	Gain/Loss Factor [dB]	Level (dB(uVolts))	Limit:1	2	3	4	5	6
Line - L1 .15 - 1MHz											
.40712		36.67 QP	.1	10.7	47.47	-	-	57.71	47.71	-	-
				Margin [dB]:		-	-	-10.24	-.24	-	-
.42013		28.45 QP	.1	10.7	39.25	-	-	57.45	47.45	-	-
				Margin [dB]:		-	-	-18.2	-8.2	-	-
Line - L2 .15 - 1MHz											
.40731		31.86 QP	.1	10.7	42.66	-	-	57.7	47.7	-	-
				Margin [dB]:		-	-	-15.04	-5.04	-	-

NOTE: "+" - Indicates an emission level in excess of the applicable limit (s).

PK - Peak detector
QP - Quasi-Peak detector

LIMIT 3: CISPR 22/11 Group 1 Class B QP
LIMIT 4: CISPR 22/11 Group 1 Class B AV

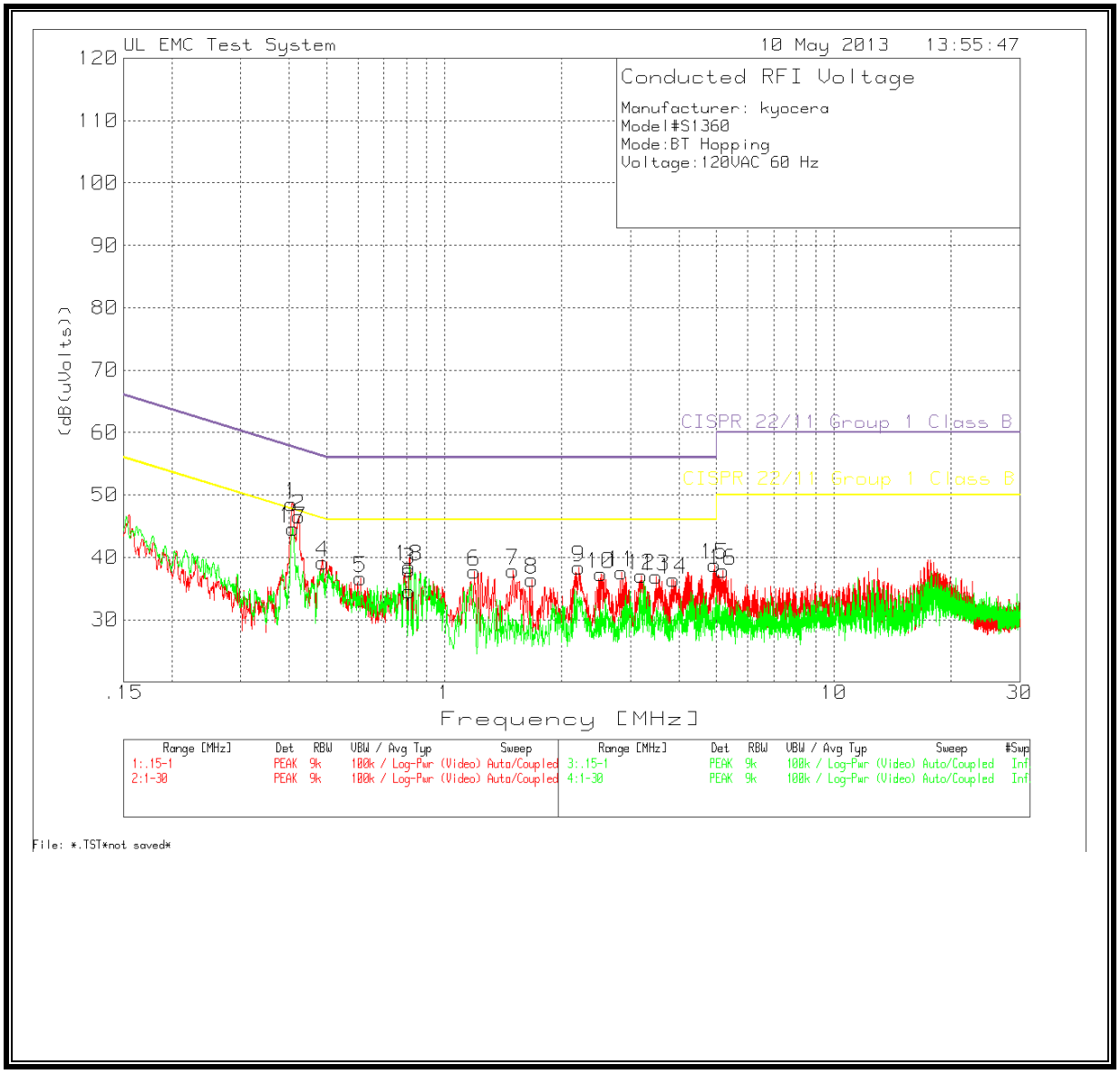
Frequency [MHz]	Test	Meter Reading (dBuV)	Transducer Factor [dB]	Gain/Loss Factor [dB]	Level (dB(uVolts))	Limit:1	2	3	4	5	6
Line - L1 .15 - 1MHz											
.40712		33.21 Av	.1	10.7	44.01	-	-	57.71	47.71	-	-
				Margin [dB]:		-	-	-13.7	-3.7	-	-
.42013		14.45 Av	.1	10.7	25.25	-	-	57.45	47.45	-	-
				Margin [dB]:		-	-	-32.2	-22.2	-	-
Line - L2 .15 - 1MHz											
.40731		27.1 Av	.1	10.7	37.9	-	-	57.7	47.7	-	-
				Margin [dB]:		-	-	-19.8	-9.8	-	-

NOTE: "+" - Indicates an emission level in excess of the applicable limit (s).

Av - average detection

LIMIT 3: CISPR 22/11 Group 1 Class B QP
LIMIT 4: CISPR 22/11 Group 1 Class B AV

BT Mode results RESULTS



Manufacturer: kyocera
Model#S1360
Mode:BT Hopping
Voltage:120VAC 60 Hz

No.	Test Frequency [MHz]	Meter Reading (dBuV)	Transducer Factor [dB]	Gain/Loss Factor [dB]	Level (dB(uVolts))	Limit:1	2	3	4	5	6
Line - L1 .15 - 1MHz											
1	.40587	37.75 PK	.1	10.7	48.55	-	-	57.7	47.7	-	-
				Margin [dB]		-	-	-9.15	.85	-	-
2	.42265	35.73 PK	.1	10.7	46.53	-	-	57.4	47.4	-	-
				Margin [dB]		-	-	-10.87	-.87	-	-
3	.81059	27.3 PK	.1	10.6	38	-	-	56	46	-	-
				Margin [dB]		-	-	-18	-8	-	-
4	.48656	28.51 PK	0	10.7	39.21	-	-	56.2	46.2	-	-
				Margin [dB]		-	-	-16.99	-6.99	-	-
5	.60972	25.99 PK	.1	10.6	36.69	-	-	56	46	-	-
				Margin [dB]		-	-	-19.31	-9.31	-	-
Line - L1 1 - 30MHz											
6	1.19558	27.19 PK	0	10.6	37.79	-	-	56	46	-	-
				Margin [dB]		-	-	-18.21	-8.21	-	-
7	1.49981	27.11 PK	.1	10.6	37.81	-	-	56	46	-	-
				Margin [dB]		-	-	-18.19	-8.19	-	-
8	1.67728	25.73 PK	.1	10.6	36.43	-	-	56	46	-	-
				Margin [dB]		-	-	-19.57	-9.57	-	-
9	2.21331	27.73 PK	.1	10.6	38.43	-	-	56	46	-	-
				Margin [dB]		-	-	-17.57	-7.57	-	-
10	2.52117	26.6 PK	.1	10.6	37.3	-	-	56	46	-	-
				Margin [dB]		-	-	-18.7	-8.7	-	-
11	2.85076	26.9 PK	.1	10.6	37.6	-	-	56	46	-	-
				Margin [dB]		-	-	-18.4	-8.4	-	-
12	3.2057	26.36 PK	.1	10.6	37.06	-	-	56	46	-	-
				Margin [dB]		-	-	-18.94	-8.94	-	-
13	3.49544	26.11 PK	.1	10.7	36.91	-	-	56	46	-	-
				Margin [dB]		-	-	-19.09	-9.09	-	-
14	3.87573	25.65 PK	.1	10.7	36.45	-	-	56	46	-	-
				Margin [dB]		-	-	-19.55	-9.55	-	-
15	4.94055	27.86 PK	.1	10.8	38.76	-	-	56	46	-	-
				Margin [dB]		-	-	-17.24	-7.24	-	-
16	5.1977	27.01 PK	.1	10.8	37.91	-	-	60	50	-	-
				Margin [dB]		-	-	-22.09	-12.09	-	-
Line - L2 .15 - 1MHz											
17	.40821	33.84 PK	.1	10.7	44.64	-	-	57.7	47.7	-	-
				Margin [dB]		-	-	-13.06	-3.06	-	-
18	.81378	27.84 PK	.1	10.6	38.54	-	-	56	46	-	-
				Margin [dB]		-	-	-17.46	-7.46	-	-

LIMIT 3: CISPR 22/11 Group 1 Class B QP
LIMIT 4: CISPR 22/11 Group 1 Class B AV

Frequency [MHz]	Meter Reading (dBuV)	Transducer Factor [dB]	Gain/Loss Factor [dB]	Level (dB(uVolts))	Limit:1	2	3	4	5	6
Line - L1 .15 - 1MHz										
.40687	36.7 QP	.1	10.7	47.5	-	-	57.71	47.71	-	-
			Margin [dB]:		-	-	-10.21	-.21	-	-
.42165	29.25 QP	.1	10.7	40.05	-	-	57.42	47.42	-	-
			Margin [dB]:		-	-	-17.37	-7.37	-	-
Line - L2 .15 - 1MHz										
.40724	31.84 QP	.1	10.7	42.64	-	-	57.7	47.7	-	-
			Margin [dB]:		-	-	-15.06	-5.06	-	-

NOTE: "+" - Indicates an emission level in excess of the applicable limit (s).

QP - Quasi-Peak detector

Frequency [MHz]	Meter Reading (dBuV)	Transducer Factor [dB]	Gain/Loss Factor [dB]	Level (dB(uVolts))	Limit:1	2	3	4	5	6
Line - L1 .15 - 1MHz										
.40687	33.13 Av	.1	10.7	43.93	-	-	57.71	47.71	-	-
			Margin [dB]:		-	-	-13.78	-3.78	-	-
.42165	14.23 Av	.1	10.7	25.03	-	-	57.42	47.42	-	-
			Margin [dB]:		-	-	-32.39	-22.39	-	-
Line - L2 .15 - 1MHz										
.40724	27.08 Av	.1	10.7	37.88	-	-	57.7	47.7	-	-
			Margin [dB]:		-	-	-19.82	-9.82	-	-

NOTE: "+" - Indicates an emission level in excess of the applicable limit (s).
QP - Quasi-Peak detector
Av - average detection