

15.247(d) Radiated Spurious Emissions

Test Data Sheets

X AXIS – LOW CHANNEL

Test Location: CKC Laboratories, Inc. • 1120 Fulton Places • Fremont, CA 94539 • (510) 249-1170

Customer: **Proteus Digital Health, Inc.**
 Specification: **15.247(d) / 15.209 Radiated Spurious Emissions**
 Work Order #: **94175** Date: 3/14/2013
 Test Type: **Radiated Scan** Time: 08:44:05
 Equipment: **PPM (RP4) Electronics Module** Sequence#: 115
 Manufacturer: Proteus Digital Health, Inc. Tested By: Hieu Song Nguyenpham
 Model: SPC-0175
 S/N: None

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/22/2013	2/22/2015
T1	AN00888	Cable	RG213/U	5/21/2012	5/21/2014
T2	ANP05440	Cable	RG214/U	1/21/2013	1/21/2015
T3	AN00432	Loop Antenna	6502	3/31/2011	3/31/2013

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
PPM (RP4) Electronics Module*	Proteus Digital Health, Inc.	SPC-0175	None

Support Devices:

Function	Manufacturer	Model #	S/N
Laptop AC/DC Power Adapter	Dell	D130PE1-00	CN-0JU012-48661-09U-K8GG-A04
Laptop	Dell	Latitude E6500	B76FVL1
USB to TTL Serial Cable-1.8m Wire End Version	FTDI	TTL-232RG-VREG1V8-WE	None
DC power Supply	EZ	GP-4303A	01070038

Test Conditions / Notes:

Radiated Spurious Emission
Frequency Range: 9kHz to 30MHz

Temperature: 20.1°C

Humidity: 45 %

Atmospheric Pressure: 101.8kPa

High Clock: 26MHz

Software Used: HCI Lite

Transmitter Operation Frequency Range: 2400 - 2483.5 MHz

Rate power = +4dBm (nominal)

RBW=VBW=200Hz at 9kHz to 150kHz

RBW=VBW=9kHz at 150kHz to 30MHz

Note:

Low channel= 2402 MHz at X axis

GFSK is the worst module.

Bit Pattern = 10101010

Two ferrites (742 700 32) on a cable which connects from the EUT to a DC power supply with one pass through.

Ext Attn: 0 dB

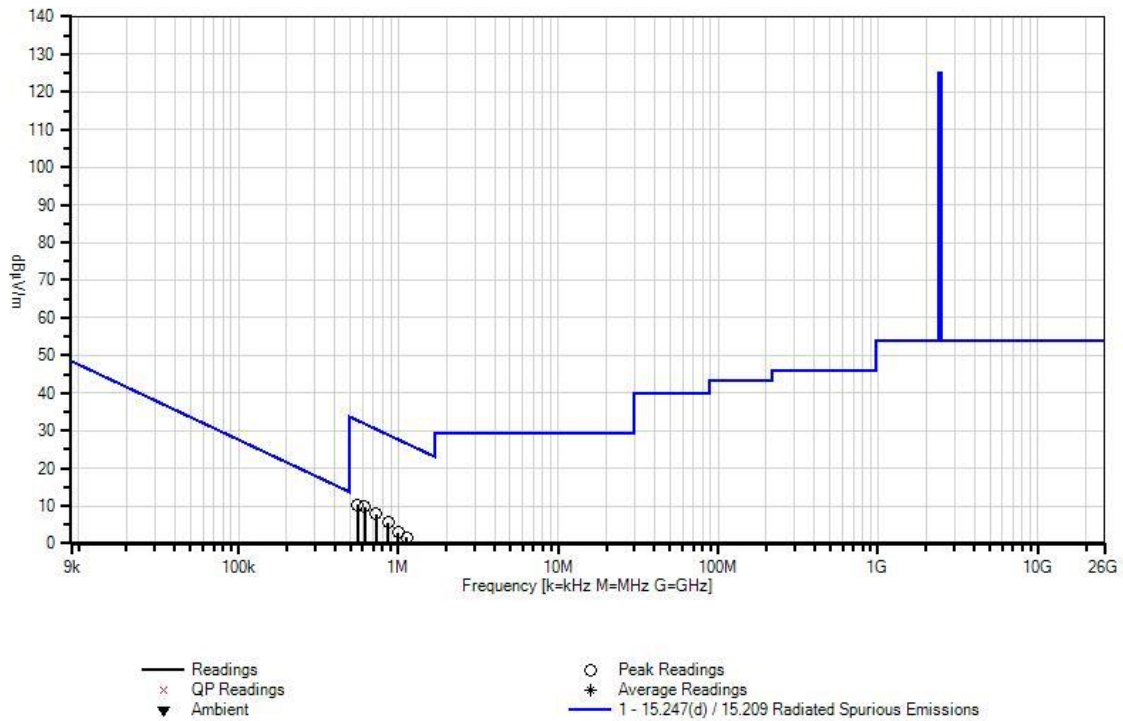
Measurement Data:

Reading listed by margin.

Test Distance: 3 Meters

#	Freq MHz	Rdng dBμV	T1 dB	T2 dB	T3 dB	dB	Dist Table	Corr dBμV/m	Spec dBμV/m	Margin dB	Polar Ant
1	615.184k	38.4	+0.1	+0.0	+11.3		-40.0	9.8	31.8	-22.0	Perpe
2	553.820k	39.0	+0.1	+0.0	+11.2		-40.0	10.3	32.7	-22.4	Paral
3	725.047k	36.0	+0.2	+0.1	+11.5		-40.0	7.8	30.4	-22.6	Paral
4	859.654k	34.0	+0.1	+0.1	+11.4		-40.0	5.6	28.9	-23.3	Paral
5	996.240k	31.2	+0.1	+0.1	+11.5		-40.0	2.9	27.7	-24.8	Perpe
6	1.133M	29.9	+0.1	+0.1	+11.5		-40.0	1.6	26.5	-24.9	Perpe

CKC Laboratories, Inc. Date: 3/14/2013 Time: 08:44:05 Proteus Digital Health, Inc. WO#: 94175
 Test Distance: 3 Meters Sequence#: 115



Test Location: CKC Laboratories, Inc. • 1120 Fulton Places • Fremont, CA 94539 • (510) 249-1170

Customer: **Proteus Digital Health, Inc.**
 Specification: **15.247(d) / 15.209 Radiated Spurious Emissions**
 Work Order #: **94175** Date: 3/13/2013
 Test Type: **Radiated Scan** Time: 21:43:14
 Equipment: **PPM (RP4) Electronics Module** Sequence#: 106
 Manufacturer: Proteus Digital Health, Inc. Tested By: Hieu Song Nguyenpham
 Model: SPC-0175
 S/N: None

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/22/2013	2/22/2015
T1	AN00730	Preamp	8447D	1/17/2013	1/17/2015
T2	AN00852	Biconilog Antenna	CBL 6111C	11/28/2012	11/28/2014
T3	AN00888	Cable	RG213/U	5/21/2012	5/21/2014
T4	ANP05440	Cable	RG214/U	1/21/2013	1/21/2015
T5	ANP01183	Cable	CNT-195	10/24/2011	10/24/2013

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
PPM (RP4) Electronics Module*	Proteus Digital Health, Inc.	SPC-0175	None

Support Devices:

Function	Manufacturer	Model #	S/N
Laptop AC/DC Power Adapter	Dell	D130PE1-00	CN-0JU012-48661-09U-K8GG-A04
Laptop	Dell	Latitude E6500	B76FVL1
USB to TTL Serial Cable- 1.8m Wire End Version	FTDI	TTL-232RG-VREG1V8-WE	None
DC power Supply	EZ	GP-4303A	01070038

Test Conditions / Notes:

Radiated Spurious Emission Frequency Range: 30MHz to 1000MHz Temperature: 19.9°C Humidity: 40 % Atmospheric Pressure: 101.9kPa High Clock: 26MHz Software Used: HCI Lite Transmitter Operation Frequency Range: 2400 - 2483.5 MHz Rate power = +4dBm (nominal) RBW=VBW=120kHz Note: Low channel= 2402 MHz at X axis GFSK is the worst module. Bit Pattern =10101010 Two ferrites (742 700 32) on a cable which connects from the EUT to a DC power supply with one pass through.
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Ext Attn: 0 dB

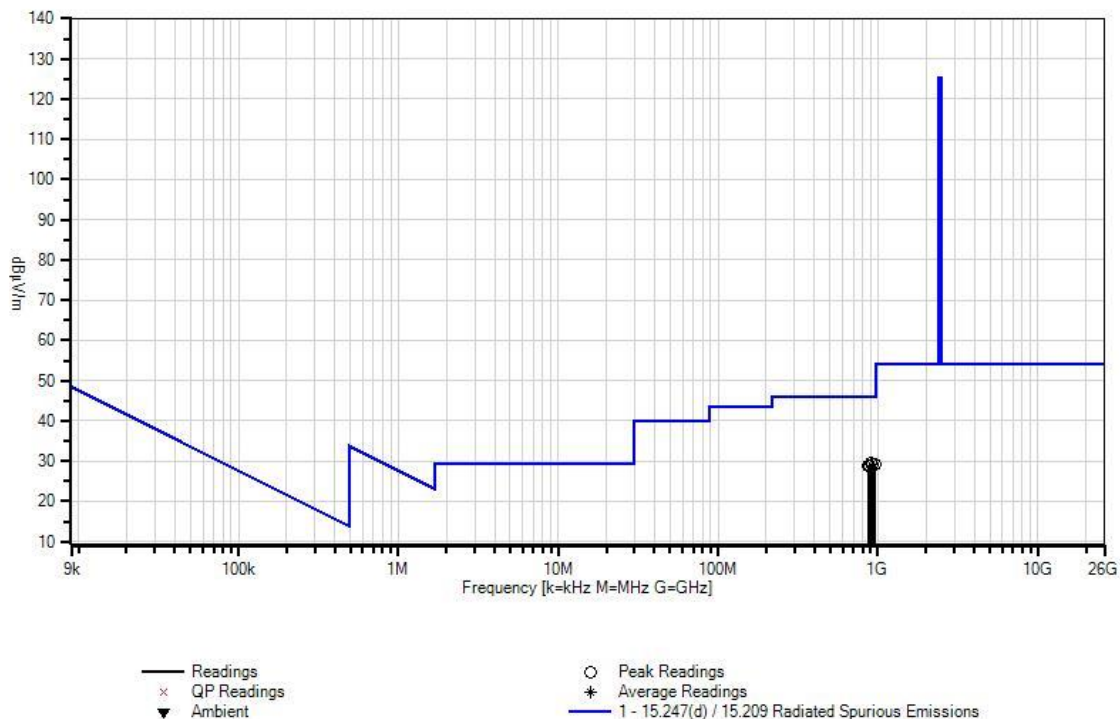
Measurement Data:

Reading listed by margin.

Test Distance: 3 Meters

#	Freq MHz	Rdng dB μ V	T1 T5 dB	T2 dB	T3 dB	T4 dB	Dist Table	Corr dB μ V/m	Spec dB μ V/m	Margin dB	Polar Ant
1	902.123M	28.7	-27.1 +1.0	+23.0	+1.8	+2.1	+0.0	29.5	46.0	-16.5	Vert
2	919.355M	28.9	-27.1 +0.9	+22.6	+1.9	+2.1	+0.0	29.3	46.0	-16.7	Horiz
3	950.372M	27.7	-27.1 +1.0	+23.5	+1.9	+2.1	+0.0	29.1	46.0	-16.9	Vert
4	868.348M	28.3	-27.0 +0.9	+22.9	+1.8	+2.1	+0.0	29.0	46.0	-17.0	Vert
5	888.337M	28.2	-27.1 +1.0	+22.8	+1.8	+2.1	+0.0	28.8	46.0	-17.2	Horiz
6	882.134M	28.0	-27.1 +0.9	+23.0	+1.8	+2.1	+0.0	28.7	46.0	-17.3	Horiz

CKC Laboratories, Inc Date: 3/13/2013 Time: 21:43:14 Proteus Digital Health, Inc. WO#: 94175
Test Distance: 3 Meters Sequence#: 106



Test Location: CKC Laboratories, Inc. • 1120 Fulton Places • Fremont, CA 94539 • (510) 249-1170

Customer: **Proteus Digital Health, Inc.**
 Specification: **15.247(d) / 15.209 Radiated Spurious Emissions**
 Work Order #: **94175** Date: 3/12/2013
 Test Type: **Radiated Scan** Time: 16:22:11
 Equipment: **PPM (RP4) Electronics Module** Sequence#: 6
 Manufacturer: Proteus Digital Health, Inc. Tested By: Hieu Song Nguyenpham
 Model: SPC-0175
 S/N: None

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
T1	ANP05843	Cable	32022-2-29094K-48TC	8/7/2012	8/7/2014
	AN02668	Spectrum Analyzer	E4446A	2/22/2013	2/22/2015
T2	AN03114	Preamp	AMF-7D-00101800-30-10P	5/13/2011	5/13/2013
T3	AN02157	Horn Antenna-ANSI C63.5	3115	1/23/2013	1/23/2015
T4	ANP01210	Cable	FSJ1P-50A-4A	2/19/2013	2/19/2015
T5	AN03309	High Pass Filter	11SH10-3000/T10000-O/O	6/12/2012	6/12/2014
T6	AN03302	Cable	32026-29094K-29094K-72TC	3/21/2012	3/21/2014

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
PPM (RP4) Electronics Module*	Proteus Digital Health, Inc.	SPC-0175	None

Support Devices:

Function	Manufacturer	Model #	S/N
Laptop AC/DC Power Adapter	Dell	D130PE1-00	CN-0JU012-48661-09U-K8GG-A04
Laptop	Dell	Latitude E6500	B76FVL1
USB to TTL Serial Cable-1.8m Wire End Version	FTDI	TTL-232RG-VREG1V8-WE	None
DC power Supply	EZ	GP-4303A	01070038

Test Conditions / Notes:

Radiated Spurious Emission
1000MHz to 12000MHz

Temperature: 19.9°C

Humidity: 40 %

Atmospheric Pressure: 101.9kPa

High Clock: 26Mhz

Software Used: HCI Lite

Transmitter Operation Frequency Range: 2400 - 2483.5 MHz

Rate power = +4dBm (nominal)

RBW=VBW=1MHz

Note:

Low Channel = 2402MHz at X axis

GFSK is the worst module.

Bit Pattern = 10101010

Two ferrites (742 700 32) on a cable which connects from the EUT to a DC power supply with one pass through

Ext Attn: 0 dB

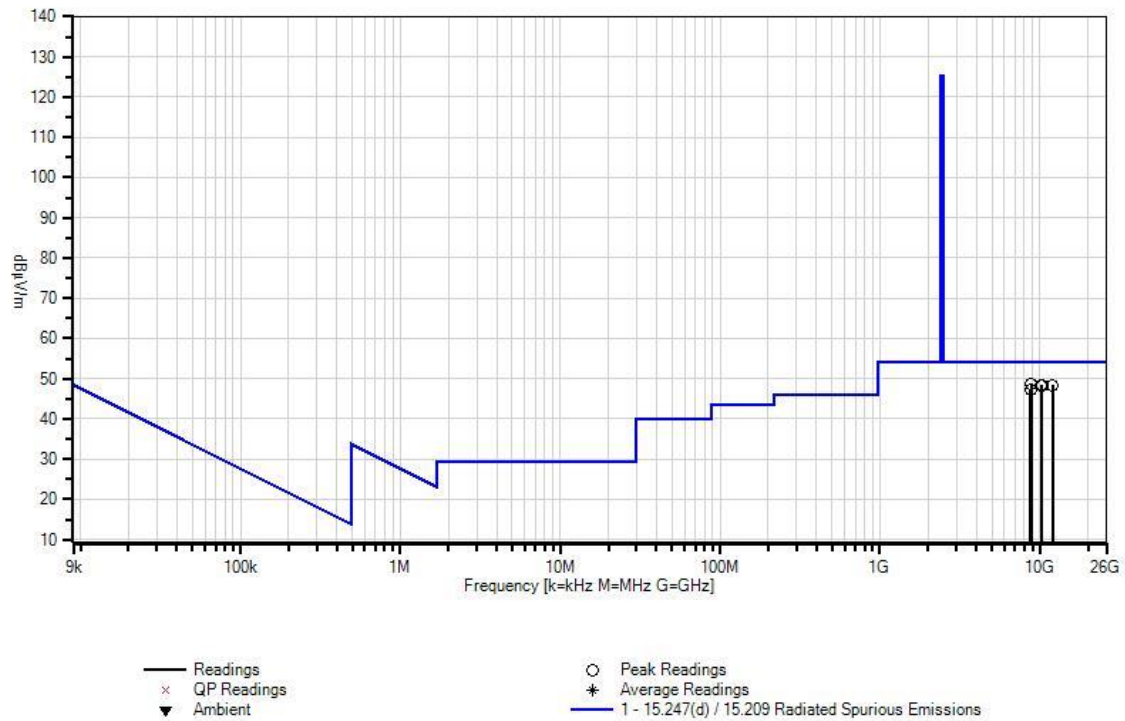
Measurement Data:

Reading listed by margin.

Test Distance: 3 Meters

#	Freq MHz	Rdng dBμV	T1 T5 dB	T2 T6 dB	T3 dB	T4 dB	Dist Table	Corr dBμV/m	Spec dBμV/m	Margin dB	Polar Ant
1	8836.831M	57.3	+1.5 +0.3	-56.7 +2.1	+38.1	+5.9	+0.0	48.5	54.0	-5.5	Vert
2	11983.136 M	53.4	+2.2 +0.3	-56.0 +2.4	+39.7	+6.4	+0.0	48.4	54.0	-5.6	Horiz
3	10178.171 M	56.3	+2.0 +0.1	-58.4 +2.3	+39.7	+6.3	+0.0	48.3	54.0	-5.7	Vert
4	10249.242 M	56.5	+2.0 +0.1	-58.5 +2.3	+39.6	+6.2	+0.0	48.2	54.0	-5.8	Vert
5	11953.376 M	53.4	+2.2 +0.3	-56.2 +2.4	+39.7	+6.4	+0.0	48.2	54.0	-5.8	Horiz
6	8713.708M	56.5	+1.5 +0.3	-56.5 +2.1	+37.8	+5.7	+0.0	47.4	54.0	-6.6	Horiz

CKC Laboratories, Inc. Date: 3/12/2013 Time: 16:22:11 Proteus Digital Health, Inc. WO#: 94175
 Test Distance: 3 Meters Sequence#: 6



Test Location: CKC Laboratories, Inc. • 1120 Fulton Places • Fremont, CA 94539 • (510) 249-1170

Customer: **Proteus Digital Health, Inc.**
 Specification: **15.247(d) / 15.209 Radiated Spurious Emissions**
 Work Order #: **94175** Date: 3/13/2013
 Test Type: **Radiated Scan** Time: 15:07:09
 Equipment: **PPM (RP4) Electronics Module** Sequence#: 52
 Manufacturer: Proteus Digital Health, Inc. Tested By: Hieu Song Nguyenpham
 Model: SPC-0175
 S/N: None

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/22/2013	2/22/2015
T1	AN02741	Active Horn Antenna	AMFW-5F-12001800-20-10P	12/18/2012	12/18/2014
T2	ANP00928	Cable	various	2/10/2012	2/10/2014
T3	ANP05843	Cable	32022-2-29094K-48TC	8/7/2012	8/7/2014
T4	AN03143	Cable	32022-29094K-144TC	8/30/2011	8/30/2013

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
PPM (RP4) Electronics Module*	Proteus Digital Health, Inc.	SPC-0175	None

Support Devices:

Function	Manufacturer	Model #	S/N
Laptop AC/DC Power Adapter	Dell	D130PE1-00	CN-0JU012-48661-09U-K8GG-A04
Laptop	Dell	Latitude E6500	B76FVL1
USB to TTL Serial Cable-1.8m Wire End Version	FTDI	TTL-232RG-VREG1V8-WE	None
DC power Supply	EZ	GP-4303A	01070038

Test Conditions / Notes:

Radiated Spurious Emission
 Frequency Range: 12000MHz to 18000MHz

 Temperature: 19.9°C, Humidity: 40 %, Atmospheric Pressure:101.9kPa

 High Clock: 26Mhz
 Software Used: HCI Lite
 Transmitter Operation Frequency Range: 2400 - 2483.5 MHz
 Rate power = +4dBm (nominal)
 RBW=VBW=1MHz

 Note:
 Low channel= 2402 MHz at X axis
 GFSK is the worst module.
 Bit Pattern =10101010
 Two ferrites (742 700 32) on a cable which connects from the EUT to a DC power supply with one pass through.

Ext Attn: 0 dB

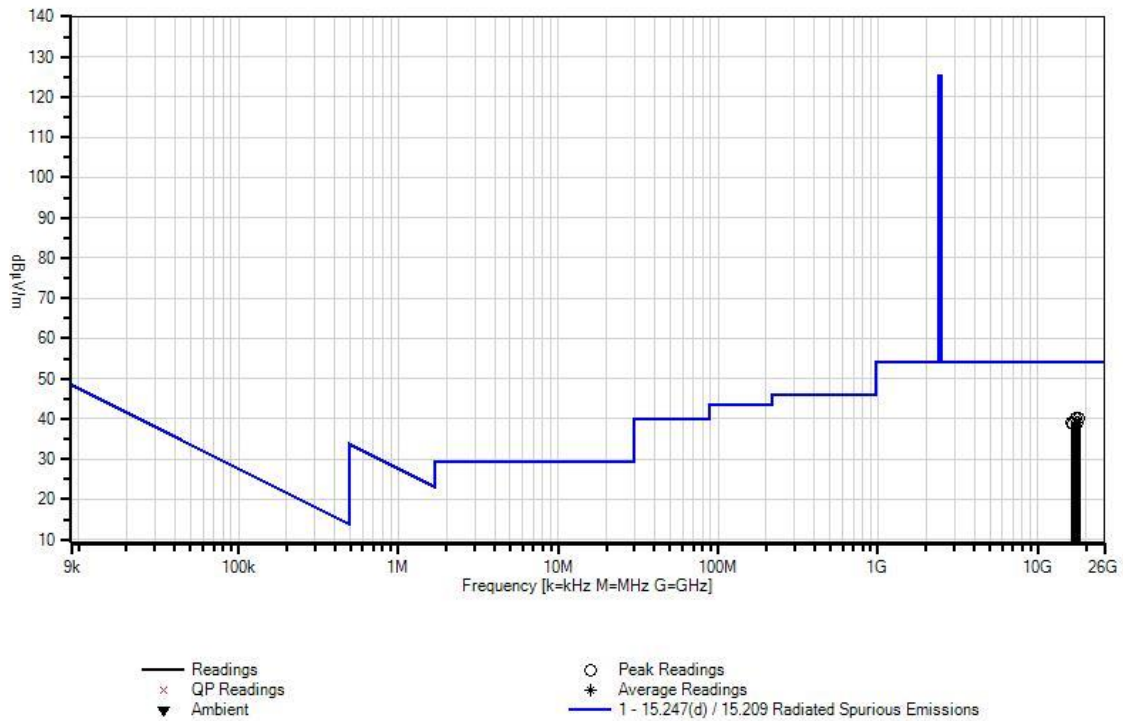
Measurement Data:

Reading listed by margin.

Test Distance: 3 Meters

#	Freq MHz	Rdng dB μ V	T1 dB	T2 dB	T3 dB	T4 dB	Dist Table	Corr dB μ V/m	Spec dB μ V/m	Margin dB	Polar Ant
1	17983.485 M	40.8	-10.3	+0.8	+2.7	+6.2	+0.0	40.2	54.0	-13.8	Vert
2	17273.326 M	43.0	-12.4	+0.8	+2.6	+6.0	+0.0	40.0	54.0	-14.0	Vert
3	17253.508 M	43.0	-12.4	+0.8	+2.6	+6.0	+0.0	40.0	54.0	-14.0	Horiz
4	16394.712 M	41.0	-11.1	+0.9	+2.6	+5.8	+0.0	39.2	54.0	-14.8	Horiz
5	17620.148 M	40.8	-11.5	+0.8	+2.7	+6.2	+0.0	39.0	54.0	-15.0	Horiz
6	16407.924 M	40.5	-11.2	+0.9	+2.6	+5.8	+0.0	38.6	54.0	-15.4	Vert

CKC Laboratories, Inc. Date: 3/13/2013 Time: 15:07:09 Proteus Digital Health, Inc. WO#: 94175
 Test Distance: 3 Meters Sequence#: 52



Test Location: CKC Laboratories, Inc. • 1120 Fulton Places • Fremont, CA 94539 • (510) 249-1170

Customer: **Proteus Digital Health, Inc.**
 Specification: **15.247(d) / 15.209 Radiated Spurious Emissions**
 Work Order #: **94175** Date: 3/13/2013
 Test Type: **Radiated Scan** Time: 16:21:08
 Equipment: **PPM (RP4) Electronics Module** Sequence#: 67
 Manufacturer: Proteus Digital Health, Inc. Tested By: Hieu Song Nguyenpham
 Model: SPC-0175
 S/N: None

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/22/2013	2/22/2015
T1	ANP05843	Cable	32022-2-29094K-48TC	8/7/2012	8/7/2014
T2	AN03143	Cable	32022-29094K-144TC	8/30/2011	8/30/2013
T3	AN02742	Active Horn Antenna	AMFW-5F-18002650-20-10P	12/17/2012	12/17/2014
T4	ANP00929	Cable	various	2/16/2012	2/16/2014

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
PPM (RP4) Electronics Module*	Proteus Digital Health, Inc.	SPC-0175	None

Support Devices:

Function	Manufacturer	Model #	S/N
Laptop AC/DC Power Adapter	Dell	D130PE1-00	CN-0JU012-48661-09U-K8GG-A04
Laptop	Dell	Latitude E6500	B76FVL1
USB to TTL Serial Cable-1.8m Wire End Version	FTDI	TTL-232RG-VREG1V8-WE	None
DC power Supply	EZ	GP-4303A	01070038

Test Conditions / Notes:

Radiated Spurious Emission
 Frequency Range: 18000MHz to 25000MHz

 Temperature: 19.9°C, Humidity: 40 %, Atmospheric Pressure:101.9kPa

 High Clock: 26Mhz
 Software Used: HCI Lite
 Transmitter Operation Frequency Range: 2400 - 2483.5 MHz
 Rate power = +4dBm (nominal)
 RBW=VBW=1MHz

 Note:
 Low channel= 2402 MHz at X axis
 GFSK is the worst module.
 Bit Pattern =10101010
 Two ferrites (742 700 32) on a cable which connects from the EUT to a DC power supply with one pass through.

Ext Attn: 0 dB

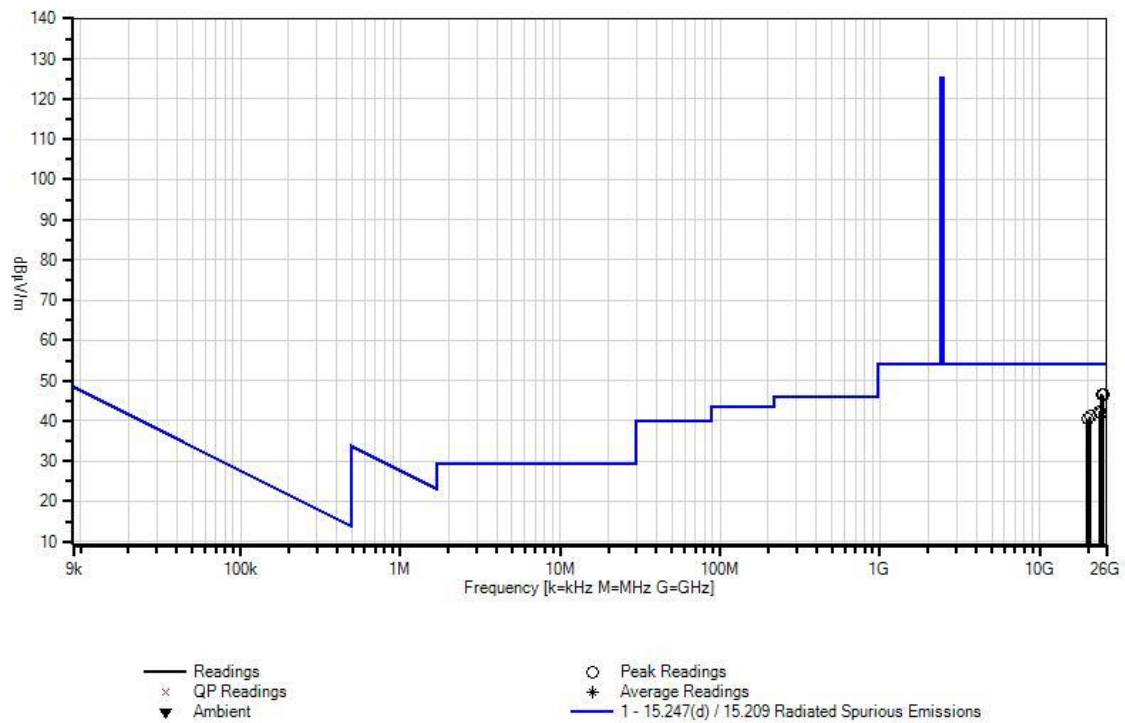
Measurement Data:

Reading listed by margin.

Test Distance: 3 Meters

#	Freq MHz	Rdng dB μ V	T1 dB	T2 dB	T3 dB	T4 dB	Dist Table	Corr dB μ V/m	Spec dB μ V/m	Margin dB	Polar Ant
1	24258.000 M	46.6	+3.1	+7.3	-13.3	+2.9	+0.0	46.6	54.0	-7.4	Horiz
2	24769.000 M	45.1	+3.4	+7.4	-12.4	+2.9	+0.0	46.4	54.0	-7.6	Vert
3	23621.000 M	44.0	+3.2	+7.1	-14.9	+3.0	+0.0	42.4	54.0	-11.6	Vert
4	23782.000 M	43.4	+3.1	+7.1	-14.5	+3.0	+0.0	42.1	54.0	-11.9	Horiz
5	20611.000 M	42.8	+2.8	+6.6	-14.1	+3.1	+0.0	41.2	54.0	-12.8	Horiz
6	19813.000 M	41.3	+2.9	+6.5	-13.4	+3.2	+0.0	40.5	54.0	-13.5	Vert

CKC Laboratories, Inc. Date: 3/13/2013 Time: 16:21:08 Proteus Digital Health, Inc. WO#: 94175
 Test Distance: 3 Meters Sequence#: 67



X AXIS – MIDDLE CHANNEL

Test Location: CKC Laboratories, Inc. • 1120 Fulton Places • Fremont, CA 94539 • (510) 249-1170

Customer: **Proteus Digital Health, Inc.**
 Specification: **15.247(d) / 15.209 Radiated Spurious Emissions**
 Work Order #: **94175** Date: 3/14/2013
 Test Type: **Radiated Scan** Time: 09:03:48
 Equipment: **PPM (RP4) Electronics Module** Sequence#: 118
 Manufacturer: Proteus Digital Health, Inc. Tested By: Hieu Song Nguyenpham
 Model: SPC-0175
 S/N: None

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/22/2013	2/22/2015
T1	AN00888	Cable	RG213/U	5/21/2012	5/21/2014
T2	ANP05440	Cable	RG214/U	1/21/2013	1/21/2015
T3	AN00432	Loop Antenna	6502	3/31/2011	3/31/2013

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
PPM (RP4) Electronics Module*	Proteus Digital Health, Inc.	SPC-0175	None

Support Devices:

Function	Manufacturer	Model #	S/N
Laptop AC/DC Power Adapter	Dell	D130PE1-00	CN-0JU012-48661-09U-K8GG-A04
Laptop	Dell	Latitude E6500	B76FVL1
USB to TTL Serial Cable-1.8m Wire End Version	FTDI	TTL-232RG-VREG1V8-WE	None
DC power Supply	EZ	GP-4303A	01070038

Test Conditions / Notes:

Radiated Spurious Emission
 Frequency Range: 9kHz to 30MHz
 Temperature: 20.1°C
 Humidity: 45 %
 Atmospheric Pressure: 101.8kPa
 High Clock: 26MHz
 Software Used: HCI Lite
 Transmitter Operation Frequency Range: 2400 - 2483.5MHz
 Rate power = +4dBm (nominal)
 RBW=VBW=200Hz at 9kHz to 150kHz
 RBW=VBW=9kHz at 150kHz to 30MHz
 Note:
 Middle channel= 2441 MHz at X axis
 GFSK is the worst module.
 Bit Pattern =10101010
 Two ferrites (742 700 32) on a cable which connects from the EUT to a DC power supply with one pass through

Ext Attn: 0 dB

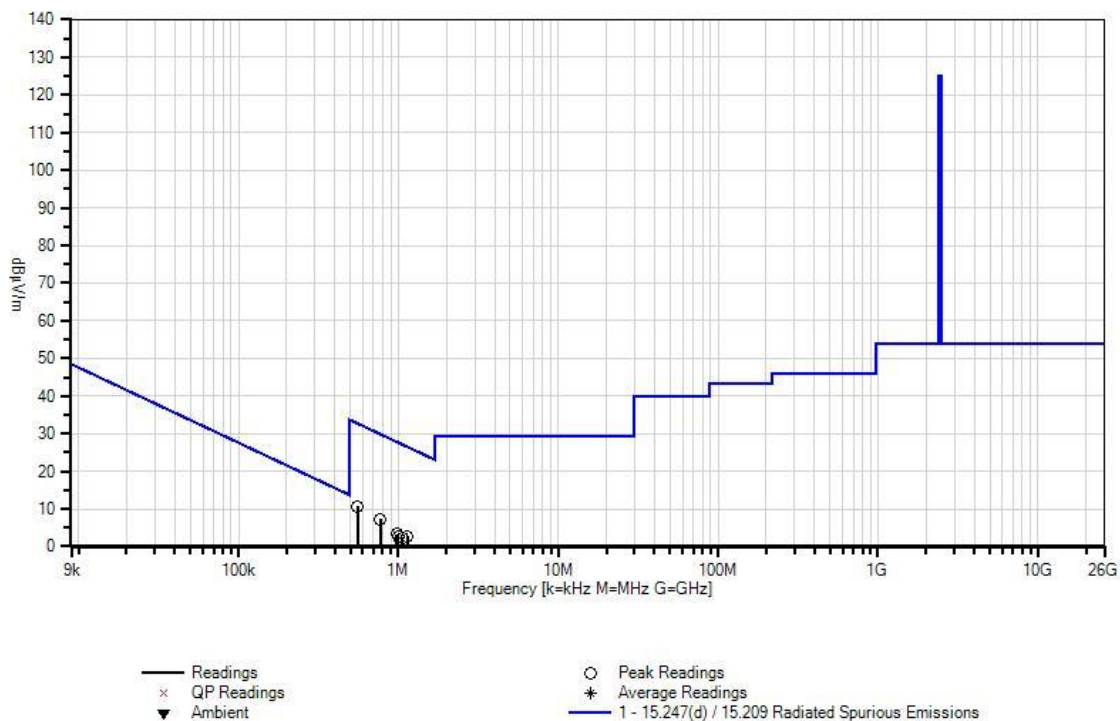
Measurement Data:

Reading listed by margin.

Test Distance: 3 Meters

#	Freq MHz	Rdng dB μ V	T1 dB	T2 dB	T3 dB	dB	Dist Table	Corr dB μ V/m	Spec dB μ V/m	Margin dB	Polar Ant
1	557.687k	39.3	+0.1	+0.0	+11.2		-40.0	10.6	32.7	-22.1	Paral
2	770.938k	35.6	+0.1	+0.1	+11.4		-40.0	7.2	29.9	-22.7	Perpe
3	1.139M	31.1	+0.1	+0.1	+11.5		-40.0	2.8	26.5	-23.7	Perpe
4	977.918k	31.7	+0.0	+0.1	+11.5		-40.0	3.3	27.8	-24.5	Paral
5	1.059M	30.7	+0.1	+0.1	+11.5		-40.0	2.4	27.1	-24.7	Perpe
6	1.001M	31.1	+0.1	+0.1	+11.5		-40.0	2.8	27.6	-24.8	Paral

CKC Laboratories, Inc Date: 3/14/2013 Time: 09:03:48 Proteus Digital Health, Inc. WO#: 94175
Test Distance: 3 Meters Sequence#: 118



Test Location: CKC Laboratories, Inc. • 1120 Fulton Places • Fremont, CA 94539 • (510) 249-1170

Customer: **Proteus Digital Health, Inc.**
 Specification: **15.247(d) / 15.209 Radiated Spurious Emissions**
 Work Order #: **94175** Date: 3/13/2013
 Test Type: **Radiated Scan** Time: 21:54:31
 Equipment: **PPM (RP4) Electronics Module** Sequence#: 109
 Manufacturer: Proteus Digital Health, Inc. Tested By: Hieu Song Nguyenpham
 Model: SPC-0175
 S/N: None

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/22/2013	2/22/2015
T1	AN00730	Preamp	8447D	1/17/2013	1/17/2015
T2	AN00852	Biconilog Antenna	CBL 6111C	11/28/2012	11/28/2014
T3	AN00888	Cable	RG213/U	5/21/2012	5/21/2014
T4	ANP05440	Cable	RG214/U	1/21/2013	1/21/2015
T5	ANP01183	Cable	CNT-195	10/24/2011	10/24/2013

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
PPM (RP4) Electronics Module*	Proteus Digital Health, Inc.	SPC-0175	None

Support Devices:

Function	Manufacturer	Model #	S/N
Laptop AC/DC Power Adapter	Dell	D130PE1-00	CN-0JU012-48661-09U-K8GG-A04
Laptop	Dell	Latitude E6500	B76FVL1
USB to TTL Serial Cable-1.8m Wire End Version	FTDI	TTL-232RG-VREG1V8-WE	None
DC power Supply	EZ	GP-4303A	01070038

Test Conditions / Notes:

Radiated Spurious Emission Frequency Range: 30MHz to 1000MHz Temperature: 19.9°C Humidity: 40 % Atmospheric Pressure: 101.9kPa High Clock: 26MHz Software Used: HCI Lite Transmitter Operation Frequency Range: 2400 - 2483.5MHz Rate power = +4dBm (nominal) RBW=VBW=120kHz Note: Middle channel= 2441 MHz at X axis GFSK is the worst module. Bit Pattern =10101010 Two ferrites (742 700 32) on a cable which connects from the EUT to a DC power supply with one pass through.
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Ext Attn: 0 dB

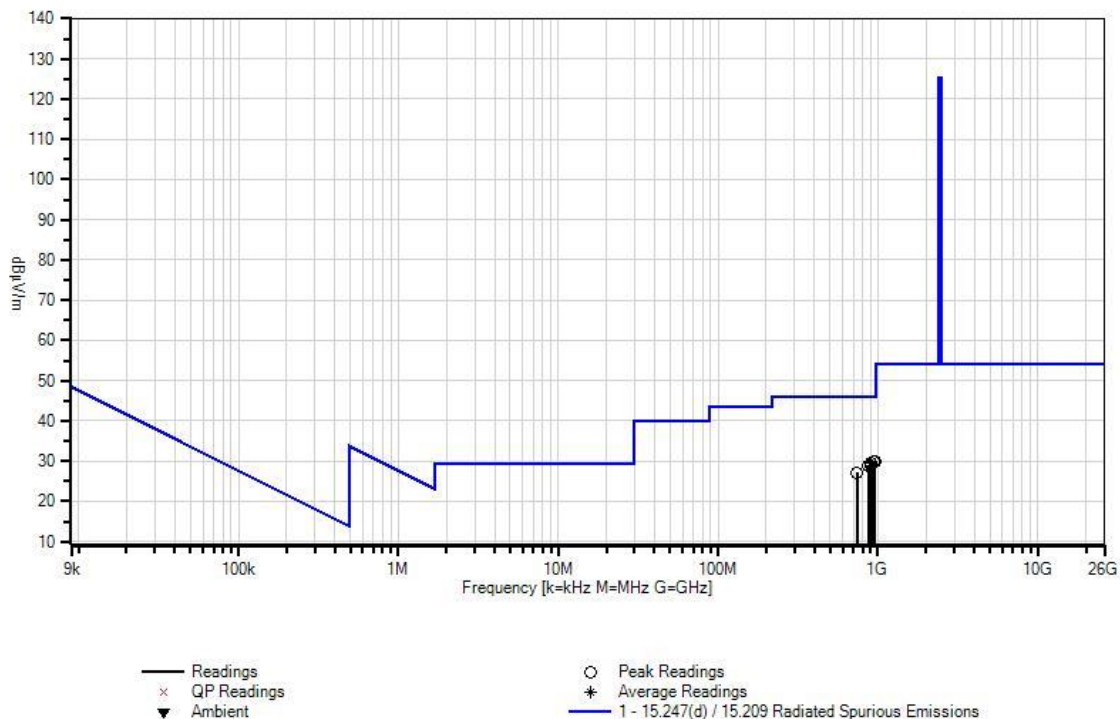
Measurement Data:

Reading listed by margin.

Test Distance: 3 Meters

#	Freq MHz	Rdng dB μ V	T1 T5 dB	T2 dB	T3 dB	T4 dB	Dist Table	Corr dB μ V/m	Spec dB μ V/m	Margin dB	Polar Ant
1	933.829M	29.0	-27.1 +1.0	+23.0	+1.9	+2.1	+0.0	29.9	46.0	-16.1	Vert
2	959.333M	28.5	-27.2 +1.0	+23.6	+1.9	+2.1	+0.0	29.9	46.0	-16.1	Horiz
3	908.326M	28.9	-27.1 +1.0	+22.9	+1.8	+2.1	+0.0	29.6	46.0	-16.4	Vert
4	872.484M	28.1	-27.0 +0.9	+23.0	+1.8	+2.1	+0.0	28.9	46.0	-17.1	Vert
5	899.366M	27.9	-27.1 +1.0	+23.0	+1.8	+2.1	+0.0	28.7	46.0	-17.3	Horiz
6	742.900M	28.0	-26.9 +0.8	+21.7	+1.7	+1.9	+0.0	27.2	46.0	-18.8	Horiz

CKC Laboratories, Inc Date: 3/13/2013 Time: 21:54:31 Proteus Digital Health, Inc. WO#: 94175
Test Distance: 3 Meters Sequence#: 109



Test Location: CKC Laboratories, Inc. • 1120 Fulton Places • Fremont, CA 94539 • (510) 249-1170

Customer: **Proteus Digital Health, Inc.**
 Specification: **15.247(d) / 15.209 Radiated Spurious Emissions**
 Work Order #: **94175** Date: 3/12/2013
 Test Type: **Radiated Scan** Time: 16:40:50
 Equipment: **PPM (RP4) Electronics Module** Sequence#: 9
 Manufacturer: Proteus Digital Health, Inc. Tested By: Hieu Song Nguyenpham
 Model: SPC-0175
 S/N: None

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
T1	ANP05843	Cable	32022-2-29094K-48TC	8/7/2012	8/7/2014
	AN02668	Spectrum Analyzer	E4446A	2/22/2013	2/22/2015
T2	AN03114	Preamp	AMF-7D-00101800-30-10P	5/13/2011	5/13/2013
T3	AN02157	Horn Antenna-ANSI C63.5	3115	1/23/2013	1/23/2015
T4	ANP01210	Cable	FSJ1P-50A-4A	2/19/2013	2/19/2015
T5	AN03309	High Pass Filter	11SH10-3000/T10000-O/O	6/12/2012	6/12/2014
T6	AN03302	Cable	32026-29094K-29094K-72TC	3/21/2012	3/21/2014

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
PPM (RP4) Electronics Module*	Proteus Digital Health, Inc.	SPC-0175	None

Support Devices:

Function	Manufacturer	Model #	S/N
Laptop AC/DC Power Adapter	Dell	D130PE1-00	CN-0JU012-48661-09U-K8GG-A04
Laptop	Dell	Latitude E6500	B76FVL1
USB to TTL Serial Cable-1.8m Wire End Version	FTDI	TTL-232RG-VREG1V8-WE	None
DC power Supply	EZ	GP-4303A	01070038

Test Conditions / Notes:

Radiated Spurious Emission
1000MHz to 12000MHz

Temperature: 19.9°C

Humidity: 40 %

Atmospheric Pressure: 101.9kPa

High Clock: 26MHz

Software Used: HCI Lite

Transmitter Operation Frequency Range: 2400 - 2483.5MHz

Rate power = +4dBm (nominal)

RBW=VBW=1MHz

Note

Middle Channel = 2441MHz at X axis

GFSK is the worst module.

Bit Pattern = 10101010

Two ferrites (742 700 32) on a cable which connects from the EUT to a DC power supply with one pass through.

Ext Attn: 0 dB

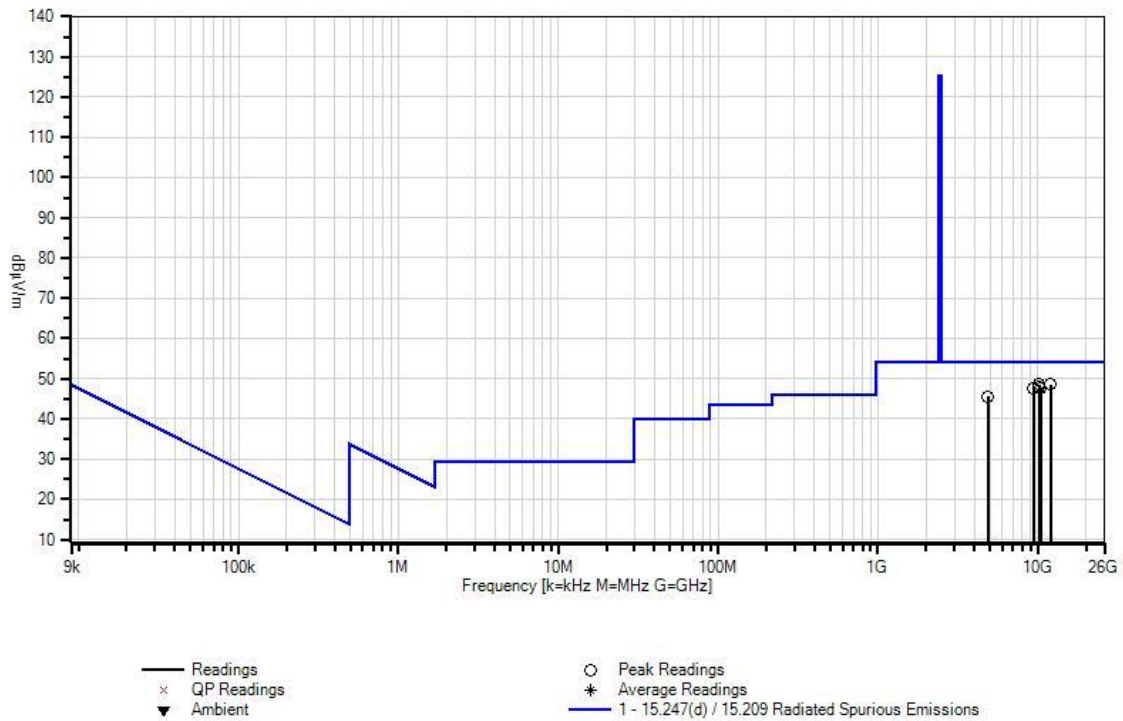
Measurement Data:

Reading listed by margin.

Test Distance: 3 Meters

#	Freq	Rdng	T1	T2	T3	T4	Dist	Corr	Spec	Margin	Polar
	MHz	dBμV	T5 dB	T6 dB	dB	dB	Table	dBμV/m	dBμV/m	dB	Ant
1	11996.485 M	53.5	+2.2 +0.3	-55.9 +2.4	+39.7	+6.4	+0.0	48.6	54.0	-5.4	Horiz
2	10168.832 M	56.5	+2.0 +0.1	-58.4 +2.3	+39.7	+6.3	+0.0	48.5	54.0	-5.5	Vert
3	10172.346 M	56.0	+2.0 +0.1	-58.4 +2.3	+39.7	+6.3	+0.0	48.0	54.0	-6.0	Horiz
4	10421.891 M	56.5	+1.9 +0.1	-58.6 +2.3	+39.3	+6.1	+0.0	47.6	54.0	-6.4	Vert
5	9342.873M	55.9	+1.7 +0.3	-57.2 +2.2	+38.4	+6.2	+0.0	47.5	54.0	-6.5	Vert
6	4882.319M	64.2	+1.3 +0.3	-59.0 +1.5	+33.4	+3.8	+0.0	45.5	54.0	-8.5	Horiz

CKC Laboratories, Inc. Date: 3/12/2013 Time: 16:40:50 Proteus Digital Health, Inc. WO#: 94175
 Test Distance: 3 Meters Sequence#: 9



Test Location: CKC Laboratories, Inc. • 1120 Fulton Places • Fremont, CA 94539 • (510) 249-1170

Customer: **Proteus Digital Health, Inc.**
 Specification: **15.247(d) / 15.209 Radiated Spurious Emissions**
 Work Order #: **94175** Date: 3/13/2013
 Test Type: **Radiated Scan** Time: 15:23:13
 Equipment: **PPM (RP4) Electronics Module** Sequence#: 55
 Manufacturer: Proteus Digital Health, Inc. Tested By: Hieu Song Nguyenpham
 Model: SPC-0175
 S/N: None

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/22/2013	2/22/2015
T1	AN02741	Active Horn Antenna	AMFW-5F-12001800-20-10P	12/18/2012	12/18/2014
T2	ANP00928	Cable	various	2/10/2012	2/10/2014
T3	ANP05843	Cable	32022-2-29094K-48TC	8/7/2012	8/7/2014
T4	AN03143	Cable	32022-29094K-144TC	8/30/2011	8/30/2013

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
PPM (RP4) Electronics Module*	Proteus Digital Health, Inc.	SPC-0175	None

Support Devices:

Function	Manufacturer	Model #	S/N
Laptop AC/DC Power Adapter	Dell	D130PE1-00	CN-0JU012-48661-09U-K8GG-A04
Laptop	Dell	Latitude E6500	B76FVL1
USB to TTL Serial Cable-1.8m Wire End Version	FTDI	TTL-232RG-VREG1V8-WE	None
DC power Supply	EZ	GP-4303A	01070038

Test Conditions / Notes:

Radiated Spurious Emission Frequency Range: 12000MHz to 18000MHz Temperature: 19.9°C, Humidity: 40 %, Atmospheric Pressure:101.9kPa High Clock: 26Mhz Software Used: HCI Lite Transmitter Operation Frequency Range: 2400 - 2483.5 MHz Rate power = +4dBm (nominal) RBW=VBW=1MHz Note: Middle channel= 2441 MHz at X axis GFSK is the worst module. Bit Pattern =10101010 Two ferrites (742 700 32) on a cable which connects from the EUT to a DC power supply with one pass through

Ext Attn: 0 dB

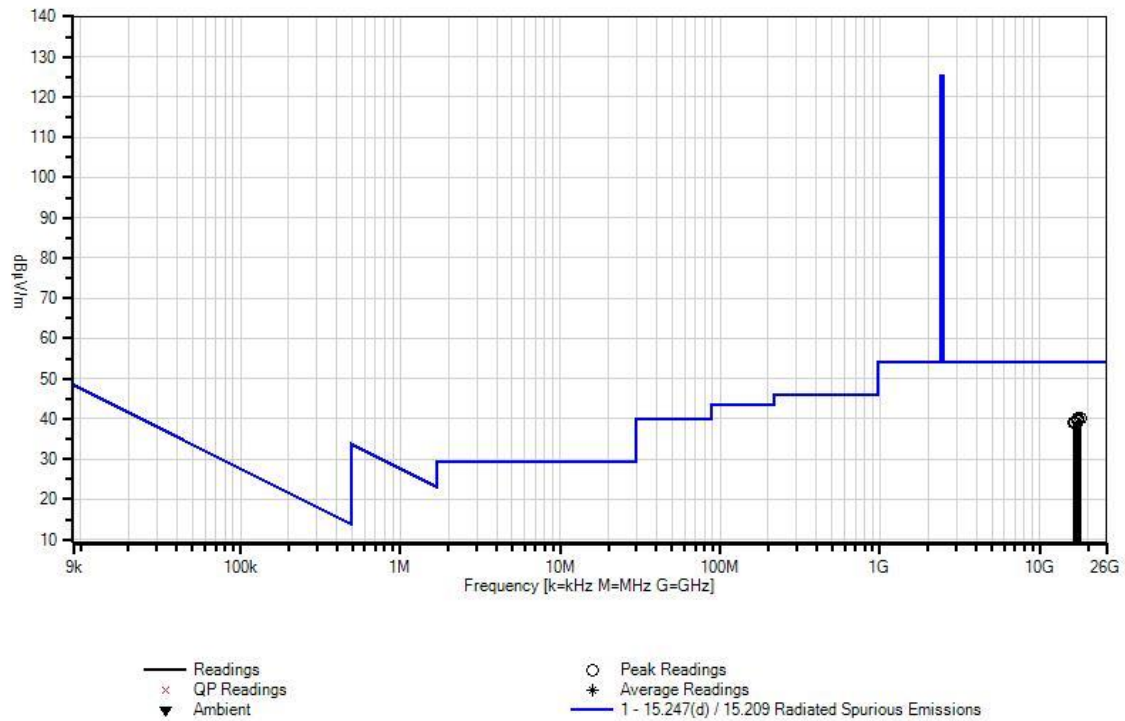
Measurement Data:

Reading listed by margin.

Test Distance: 3 Meters

#	Freq MHz	Rdng dB μ V	T1 dB	T2 dB	T3 dB	T4 dB	Dist Table	Corr dB μ V/m	Spec dB μ V/m	Margin dB	Polar Ant
1	17947.151 M	40.9	-10.5	+0.8	+2.7	+6.2	+0.0	40.1	54.0	-13.9	Vert
2	17289.842 M	43.0	-12.3	+0.8	+2.6	+6.0	+0.0	40.1	54.0	-13.9	Vert
3	17336.085 M	42.7	-12.3	+0.8	+2.6	+6.0	+0.0	39.8	54.0	-14.2	Horiz
4	17114.780 M	42.6	-12.7	+0.9	+2.6	+6.0	+0.0	39.4	54.0	-14.6	Horiz
5	16298.923 M	41.0	-11.3	+1.0	+2.6	+5.8	+0.0	39.1	54.0	-14.9	Horiz
6	16407.924 M	41.0	-11.2	+0.9	+2.6	+5.8	+0.0	39.1	54.0	-14.9	Vert

CKC Laboratories, Inc. Date: 3/13/2013 Time: 15:23:13 Proteus Digital Health, Inc. WO#: 94175
 Test Distance: 3 Meters Sequence#: 55



Test Location: CKC Laboratories, Inc. • 1120 Fulton Places • Fremont, CA 94539 • (510) 249-1170

Customer: **Proteus Digital Health, Inc.**
 Specification: **15.247(d) / 15.209 Radiated Spurious Emissions**
 Work Order #: **94175** Date: 3/13/2013
 Test Type: **Radiated Scan** Time: 16:12:57
 Equipment: **PPM (RP4) Electronics Module** Sequence#: 64
 Manufacturer: Proteus Digital Health, Inc. Tested By: Hieu Song Nguyenpham
 Model: SPC-0175
 S/N: None

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/22/2013	2/22/2015
T1	ANP05843	Cable	32022-2-29094K-48TC	8/7/2012	8/7/2014
T2	AN03143	Cable	32022-29094K-144TC	8/30/2011	8/30/2013
T3	AN02742	Active Horn Antenna	AMFW-5F-18002650-20-10P	12/17/2012	12/17/2014
T4	ANP00929	Cable	various	2/16/2012	2/16/2014

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
PPM (RP4) Electronics Module*	Proteus Digital Health, Inc.	SPC-0175	None

Support Devices:

Function	Manufacturer	Model #	S/N
Laptop AC/DC Power Adapter	Dell	D130PE1-00	CN-0JU012-48661-09U-K8GG-A04
Laptop	Dell	Latitude E6500	B76FVL1
USB to TTL Serial Cable-1.8m Wire End Version	FTDI	TTL-232RG-VREG1V8-WE	None
DC power Supply	EZ	GP-4303A	01070038

Test Conditions / Notes:

Radiated Spurious Emission Frequency Range: 18000MHz to 25000MHz Temperature: 19.9°C, Humidity: 40 %, Atmospheric Pressure:101.9kPa High Clock: 26MHz Software Used: HCI Lite Transmitter Operation Frequency Range: 2400 - 2483.5 MHz Rate power = +4dBm (nominal) RBW=VBW=1MHz Note: Middle channel= 2441MHz at X axis GFSK is the worst module. Bit Pattern =10101010 Two ferrites (742 700 32) on a cable which connects from the EUT to a DC power supply with one pass through.

Ext Attn: 0 dB

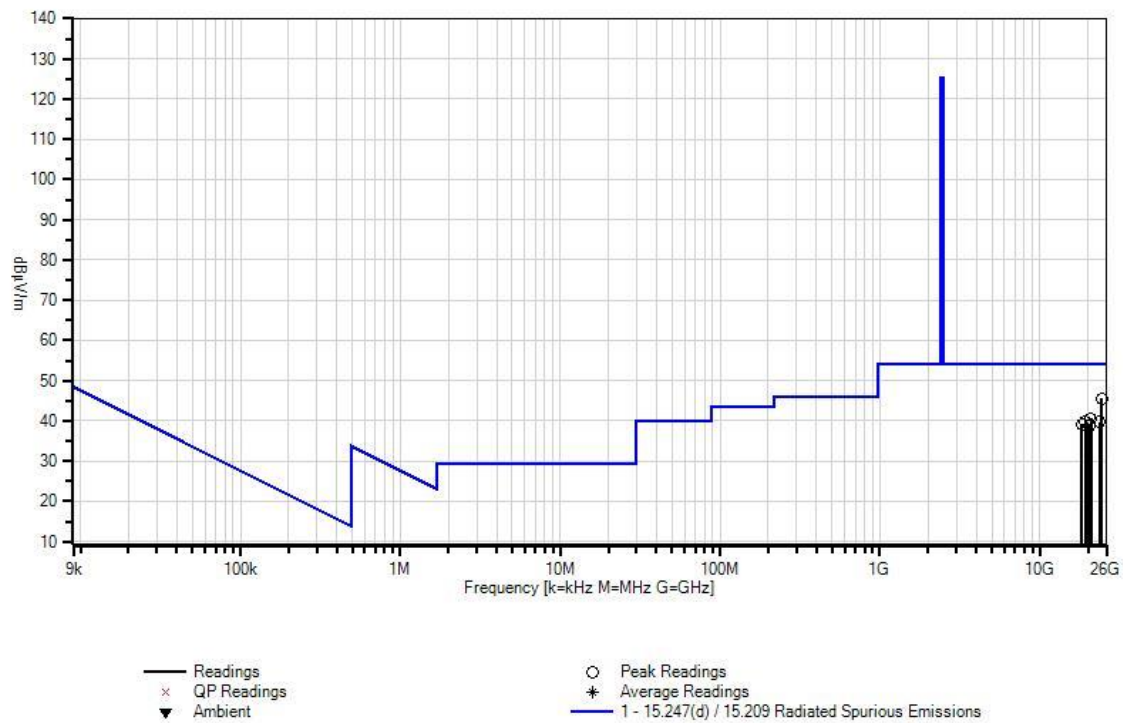
Measurement Data:

Reading listed by margin.

Test Distance: 3 Meters

#	Freq MHz	Rdng dB μ V	T1 dB	T2 dB	T3 dB	T4 dB	Dist Table	Corr dB μ V/m	Spec dB μ V/m	Margin dB	Polar Ant
1	24258.000 M	45.5	+3.1	+7.3	-13.3	+2.9	+0.0	45.5	54.0	-8.5	Vert
2	20807.000 M	42.5	+2.8	+6.6	-14.4	+3.1	+0.0	40.6	54.0	-13.4	Vert
3	19274.000 M	40.7	+2.8	+6.4	-13.3	+3.3	+0.0	39.9	54.0	-14.1	Vert
4	23537.000 M	41.6	+3.2	+7.1	-15.1	+3.0	+0.0	39.8	54.0	-14.2	Horiz
5	18182.000 M	40.8	+2.7	+6.2	-13.9	+3.4	+0.0	39.2	54.0	-14.8	Horiz
6	20177.000 M	39.9	+2.9	+6.5	-13.6	+3.2	+0.0	38.9	54.0	-15.1	Horiz

CKC Laboratories, Inc. Date: 3/13/2013 Time: 16:12:57 Proteus Digital Health, Inc. WO#: 94175
 Test Distance: 3 Meters Sequence#: 64



X AXIS – HIGH CHANNEL

Test Location: CKC Laboratories, Inc. • 1120 Fulton Places • Fremont, CA 94539 • (510) 249-1170

Customer: **Proteus Digital Health, Inc.**
 Specification: **15.247(d) / 15.209 Radiated Spurious Emissions**
 Work Order #: **94175** Date: 3/14/2013
 Test Type: **Radiated Scan** Time: 09:23:48
 Equipment: **PPM (RP4) Electronics Module** Sequence#: 121
 Manufacturer: Proteus Digital Health, Inc. Tested By: Hieu Song Nguyenpham
 Model: SPC-0175
 S/N: None

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/22/2013	2/22/2015
T1	AN00888	Cable	RG213/U	5/21/2012	5/21/2014
T2	ANP05440	Cable	RG214/U	1/21/2013	1/21/2015
T3	AN00432	Loop Antenna	6502	3/31/2011	3/31/2013

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
PPM (RP4) Electronics Module*	Proteus Digital Health, Inc.	SPC-0175	None

Support Devices:

Function	Manufacturer	Model #	S/N
Laptop AC/DC Power Adapter	Dell	D130PE1-00	CN-0JU012-48661-09U-K8GG-A04
Laptop	Dell	Latitude E6500	B76FVL1
USB to TTL Serial Cable- 1.8m Wire End Version	FTDI	TTL-232RG-VREG1V8-WE	None
DC power Supply	EZ	GP-4303A	01070038

Test Conditions / Notes:

Radiated Spurious Emission Frequency Range: 9kHz to 30MHz Temperature: 20.1°C Humidity: 45 % Atmospheric Pressure: 101.8kPa High Clock: 26MHz Software Used: HCI Lite Transmitter Operation Frequency Range: 2400 - 2483.5 MHz Rate power = +4dBm (nominal) RBW=VBW=200Hz at 9kHz to 150kHz RBW=VBW=9kHz at 150kHz to 30MHz Note: High channel= 2480 MHz at X axis GFSK is the worst module. Bit Pattern =10101010 Two ferrites (742 700 32) on a cable which connects from the EUT to a DC power supply with one pass through.
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Ext Attn: 0 dB

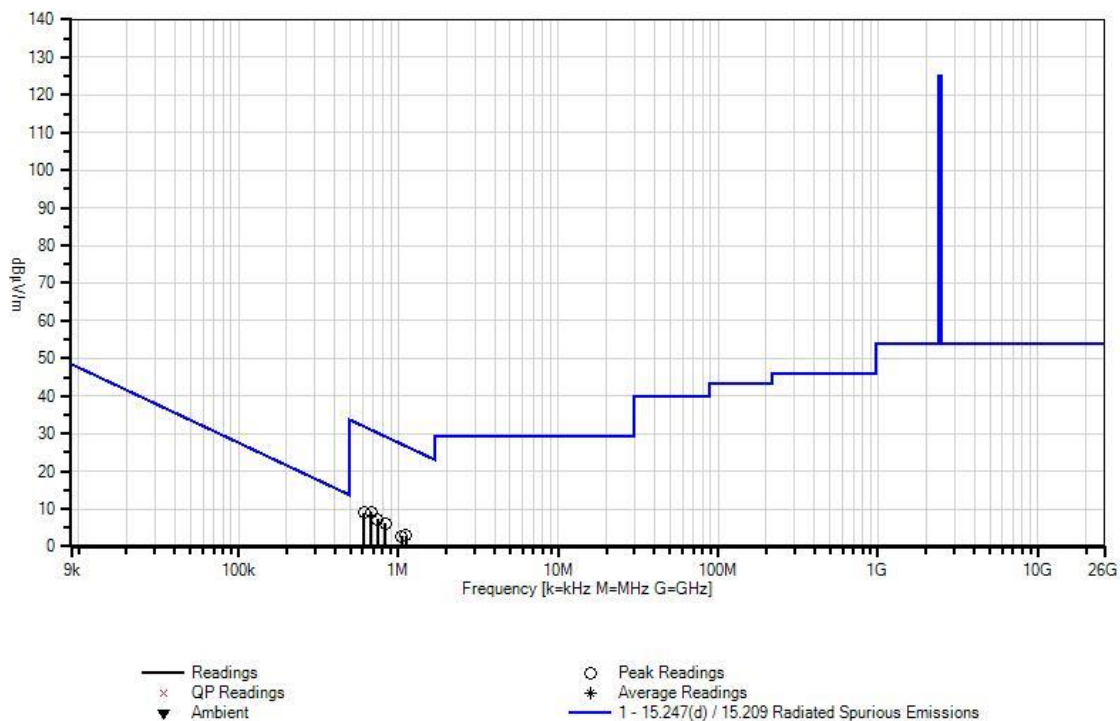
Measurement Data:

Reading listed by margin.

Test Distance: 3 Meters

#	Freq MHz	Rdng dB μ V	T1 dB	T2 dB	T3 dB		Dist Table	Corr dB μ V/m	Spec dB μ V/m	Margin dB	Polar Ant
1	678.948k	37.6	+0.1	+0.0	+11.5		-40.0	9.2	31.0	-21.8	Paral
2	609.954k	37.6	+0.1	+0.0	+11.3		-40.0	9.0	31.9	-22.9	Perpe
3	831.569k	34.7	+0.1	+0.0	+11.4		-40.0	6.2	29.2	-23.0	Paral
4	737.487k	35.4	+0.2	+0.1	+11.5		-40.0	7.2	30.3	-23.1	Perpe
5	1.120M	31.3	+0.1	+0.1	+11.5		-40.0	3.0	26.6	-23.6	Paral
6	1.051M	31.0	+0.1	+0.1	+11.5		-40.0	2.7	27.2	-24.5	Perpe

CKC Laboratories, Inc Date: 3/14/2013 Time: 09:23:48 Proteus Digital Health, Inc. WO#: 94175
Test Distance: 3 Meters Sequence#: 121



Test Location: CKC Laboratories, Inc. • 1120 Fulton Places • Fremont, CA 94539 • (510) 249-1170

Customer: **Proteus Digital Health, Inc.**
 Specification: **15.247(d) / 15.209 Radiated Spurious Emissions**
 Work Order #: **94175** Date: 3/13/2013
 Test Type: **Radiated Scan** Time: 22:06:50
 Equipment: **PPM (RP4) Electronics Module** Sequence#: 112
 Manufacturer: Proteus Digital Health, Inc. Tested By: Hieu Song Nguyenpham
 Model: SPC-0175
 S/N: None

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/22/2013	2/22/2015
T1	AN00730	Preamp	8447D	1/17/2013	1/17/2015
T2	AN00852	Biconilog Antenna	CBL 6111C	11/28/2012	11/28/2014
T3	AN00888	Cable	RG213/U	5/21/2012	5/21/2014
T4	ANP05440	Cable	RG214/U	1/21/2013	1/21/2015
T5	ANP01183	Cable	CNT-195	10/24/2011	10/24/2013

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
PPM (RP4) Electronics Module*	Proteus Digital Health, Inc.	SPC-0175	None

Support Devices:

Function	Manufacturer	Model #	S/N
Laptop AC/DC Power Adapter	Dell	D130PE1-00	CN-0JU012-48661-09U-K8GG-A04
Laptop	Dell	Latitude E6500	B76FVL1
USB to TTL Serial Cable- 1.8m Wire End Version	FTDI	TTL-232RG-VREG1V8-WE	None
DC power Supply	EZ	GP-4303A	01070038

Test Conditions / Notes:

Radiated Spurious Emission Frequency Range: 30MHz to 1000MHz Temperature: 19.9°C Humidity: 40 % Atmospheric Pressure: 101.9kPa High Clock: 26Mhz Software Used: HCI Lite Transmitter Operation Frequency Range: 2400 - 2483.5MHz Rate power = +4dBm (nominal) RBW=VBW=120kHz Note; High channel= 2480MHz at X axis GFSK is the worst module. Bit Pattern =10101010 Two ferrites (742 700 32) on a cable which connects from the EUT to a DC power supply with one pass through
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Ext Attn: 0 dB

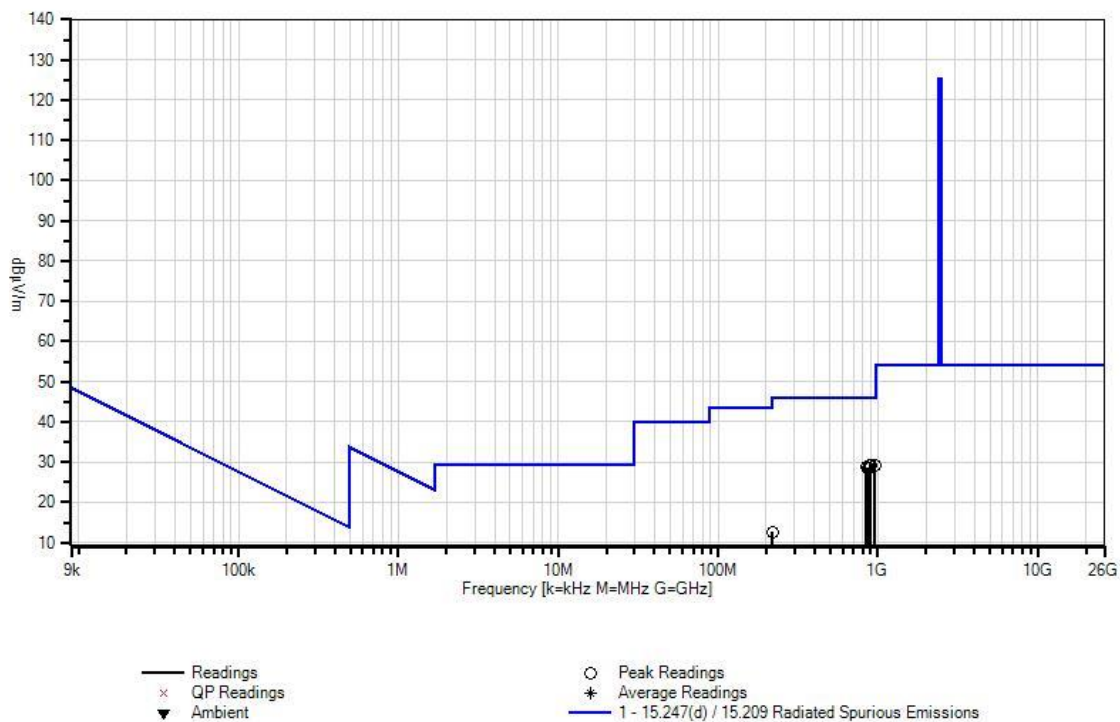
Measurement Data:

Reading listed by margin.

Test Distance: 3 Meters

#	Freq MHz	Rdng dB μ V	T1 T5 dB	T2 dB	T3 dB	T4 dB	Dist Table	Corr dB μ V/m	Spec dB μ V/m	Margin dB	Polar Ant
1	901.433M	28.5	-27.1 +1.0	+23.0	+1.8	+2.1	+0.0	29.3	46.0	-16.7	Horiz
2	886.959M	28.7	-27.1 +1.0	+22.8	+1.8	+2.1	+0.0	29.3	46.0	-16.7	Vert
3	952.440M	27.8	-27.1 +1.0	+23.5	+1.9	+2.1	+0.0	29.2	46.0	-16.8	Horiz
4	842.156M	28.9	-26.9 +1.0	+22.0	+1.8	+2.0	+0.0	28.8	46.0	-17.2	Horiz
5	881.444M	27.9	-27.1 +0.9	+23.0	+1.8	+2.1	+0.0	28.6	46.0	-17.4	Vert
6	861.455M	27.8	-27.0 +1.0	+22.9	+1.8	+2.0	+0.0	28.5	46.0	-17.5	Vert
7	218.200M	28.6	-27.0 +0.3	+8.9	+1.0	+0.8	+0.0	12.6	46.0	-33.4	Horiz

CKC Laboratories, Inc Date: 3/13/2013 Time: 22:06:50 Proteus Digital Health, Inc. WO#: 94175
Test Distance: 3 Meters Sequence#: 112



Test Location: CKC Laboratories, Inc. • 1120 Fulton Places • Fremont, CA 94539 • (510) 249-1170

Customer: **Proteus Digital Health, Inc.**
 Specification: **15.247(d) / 15.209 Radiated Spurious Emissions**
 Work Order #: **94175** Date: 3/12/2013
 Test Type: **Radiated Scan** Time: 17:02:50
 Equipment: **PPM (RP4) Electronics Module** Sequence#: 12
 Manufacturer: Proteus Digital Health, Inc. Tested By: Hieu Song Nguyenpham
 Model: SPC-0175
 S/N: None

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
T1	ANP05843	Cable	32022-2-29094K-48TC	8/7/2012	8/7/2014
	AN02668	Spectrum Analyzer	E4446A	2/22/2013	2/22/2015
T2	AN03114	Preamp	AMF-7D-00101800-30-10P	5/13/2011	5/13/2013
T3	AN02157	Horn Antenna-ANSI C63.5	3115	1/23/2013	1/23/2015
T4	ANP01210	Cable	FSJ1P-50A-4A	2/19/2013	2/19/2015
T5	AN03309	High Pass Filter	11SH10-3000/T10000-O/O	6/12/2012	6/12/2014
T6	AN03302	Cable	32026-29094K-29094K-72TC	3/21/2012	3/21/2014

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
PPM (RP4) Electronics Module*	Proteus Digital Health, Inc.	SPC-0175	None

Support Devices:

Function	Manufacturer	Model #	S/N
Laptop AC/DC Power Adapter	Dell	D130PE1-00	CN-0JU012-48661-09U-K8GG-A04
Laptop	Dell	Latitude E6500	B76FVL1
USB to TTL Serial Cable-1.8m Wire End Version	FTDI	TTL-232RG-VREG1V8-WE	None
DC power Supply	EZ	GP-4303A	01070038

Test Conditions / Notes:

Radiated Spurious Emission
1000MHz to 12000MHz

Temperature: 19.9°C

Humidity: 40 %

Atmospheric Pressure: 101.9kPa

High Clock: 26MHz

Software Used: HCI Lite

Transmitter Operation Frequency Range: 2400 - 2483.5 MHz

Rate power = +4dBm (nominal)

RBW=VBW=1MHz

Note

High Channel = 2480MHz at X axis

GFSK is the worst module.

Bit Pattern = 10101010

Two ferrites (742 700 32) on a cable which connects from the EUT to a DC power supply with one pass through.

Ext Attn: 0 dB

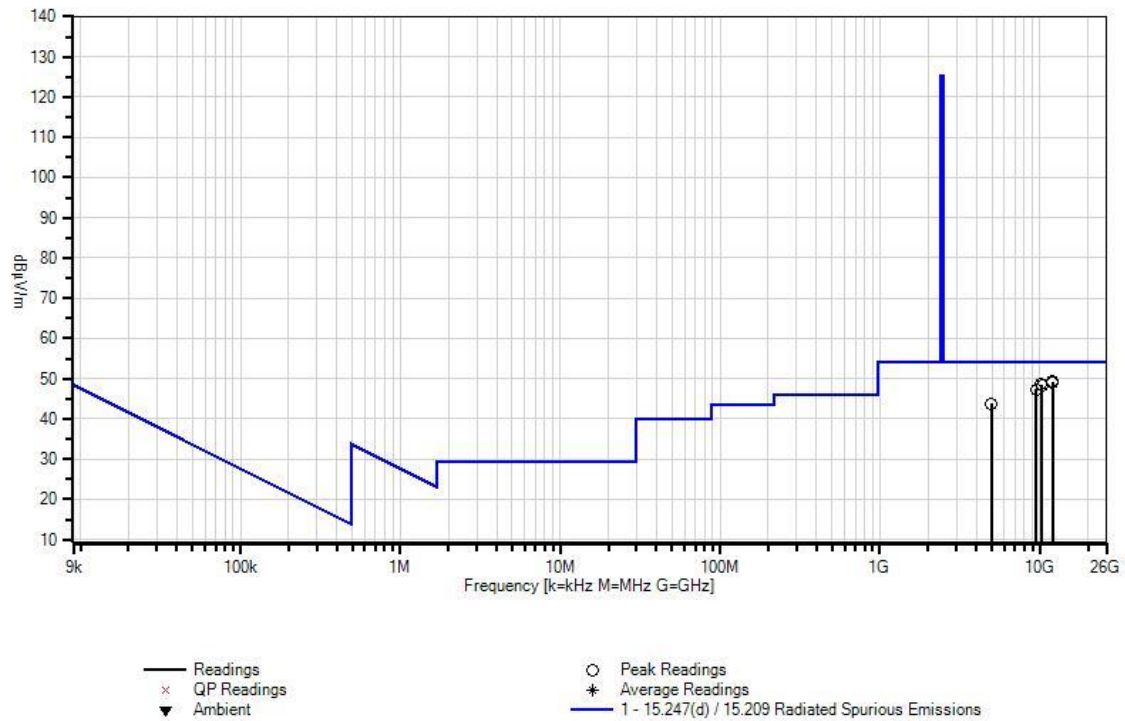
Measurement Data:

Reading listed by margin.

Test Distance: 3 Meters

#	Freq MHz	Rdng dBμV	T1 T5 dB	T2 T6 dB	T3 dB	T4 dB	Dist Table	Corr dBμV/m	Spec dBμV/m	Margin dB	Polar Ant
1	11978.912 M	54.2	+2.2 +0.3	-56.0 +2.4	+39.7	+6.4	+0.0	49.2	54.0	-4.8	Horiz
2	11978.912 M	53.9	+2.2 +0.3	-56.0 +2.4	+39.7	+6.4	+0.0	48.9	54.0	-5.1	Vert
3	10175.861 M	56.6	+2.0 +0.1	-58.4 +2.3	+39.7	+6.3	+0.0	48.6	54.0	-5.4	Horiz
4	10256.700 M	56.8	+2.0 +0.1	-58.6 +2.3	+39.6	+6.2	+0.0	48.4	54.0	-5.6	Vert
5	9508.064M	55.9	+1.8 +0.3	-57.8 +2.2	+38.6	+6.3	+0.0	47.3	54.0	-6.7	Vert
6	4959.643M	62.2	+1.2 +0.2	-59.0 +1.6	+33.6	+3.9	+0.0	43.7	54.0	-10.3	Horiz

CKC Laboratories, Inc. Date: 3/12/2013 Time: 17:02:50 Proteus Digital Health, Inc. WO#: 94175
 Test Distance: 3 Meters Sequence#: 12



Test Location: CKC Laboratories, Inc. • 1120 Fulton Places • Fremont, CA 94539 • (510) 249-1170

Customer: **Proteus Digital Health, Inc.**
 Specification: **15.247(d) / 15.209 Radiated Spurious Emissions**
 Work Order #: **94175** Date: 3/13/2013
 Test Type: **Radiated Scan** Time: 15:35:51
 Equipment: **PPM (RP4) Electronics Module** Sequence#: 58
 Manufacturer: Proteus Digital Health, Inc. Tested By: Hieu Song Nguyenpham
 Model: SPC-0175
 S/N: None

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/22/2013	2/22/2015
T1	AN02741	Active Horn Antenna	AMFW-5F-12001800-20-10P	12/18/2012	12/18/2014
T2	ANP00928	Cable	various	2/10/2012	2/10/2014
T3	ANP05843	Cable	32022-2-29094K-48TC	8/7/2012	8/7/2014
T4	AN03143	Cable	32022-29094K-144TC	8/30/2011	8/30/2013

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
PPM (RP4) Electronics Module*	Proteus Digital Health, Inc.	SPC-0175	None

Support Devices:

Function	Manufacturer	Model #	S/N
Laptop AC/DC Power Adapter	Dell	D130PE1-00	CN-0JU012-48661-09U-K8GG-A04
Laptop	Dell	Latitude E6500	B76FVL1
USB to TTL Serial Cable-1.8m Wire End Version	FTDI	TTL-232RG-VREG1V8-WE	None
DC power Supply	EZ	GP-4303A	01070038

Test Conditions / Notes:

Radiated Spurious Emission Frequency Range: 12000MHz to 18000MHz Temperature: 19.9°C, Humidity: 40 %, Atmospheric Pressure:101.9kPa High Clock: 26MHz Software Used: HCI Lite Transmitter Operation Frequency Range: 2400 - 2483.5 MHz Rate power = +4dBm (nominal) RBW=VBW=1MHz Note: High channel= 2480 MHz at X axis GFSK is the worst module. Bit Pattern =10101010 Two ferrites (742 700 32) on a cable which connects from the EUT to a DC power supply with one pass through.
--

Ext Attn: 0 dB

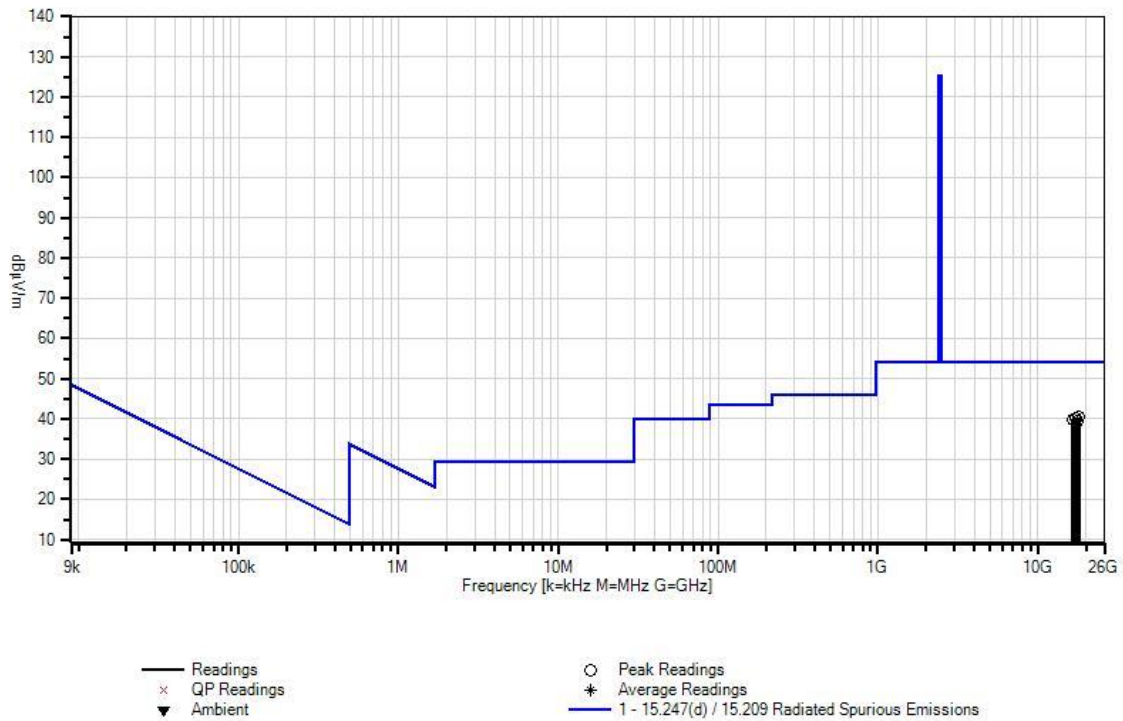
Measurement Data:

Reading listed by margin.

Test Distance: 3 Meters

#	Freq MHz	Rdng dB μ V	T1 dB	T2 dB	T3 dB	T4 dB	Dist Table	Corr dB μ V/m	Spec dB μ V/m	Margin dB	Polar Ant
1	17990.091 M	40.9	-10.2	+0.8	+2.7	+6.2	+0.0	40.4	54.0	-13.6	Vert
2	17372.418 M	43.1	-12.2	+0.8	+2.6	+6.0	+0.0	40.3	54.0	-13.7	Horiz
3	17256.811 M	43.2	-12.4	+0.8	+2.6	+6.0	+0.0	40.2	54.0	-13.8	Vert
4	17375.721 M	43.0	-12.2	+0.8	+2.6	+6.0	+0.0	40.2	54.0	-13.8	Vert
5	16427.743 M	41.9	-11.3	+0.9	+2.6	+5.8	+0.0	39.9	54.0	-14.1	Horiz
6	17781.998 M	40.8	-11.0	+0.8	+2.7	+6.2	+0.0	39.5	54.0	-14.5	Horiz

CKC Laboratories, Inc. Date: 3/13/2013 Time: 15:35:51 Proteus Digital Health, Inc. WO#: 94175
 Test Distance: 3 Meters Sequence#: 58



Test Location: CKC Laboratories, Inc. • 1120 Fulton Places • Fremont, CA 94539 • (510) 249-1170

Customer: **Proteus Digital Health, Inc.**
 Specification: **15.247(d) / 15.209 Radiated Spurious Emissions**
 Work Order #: **94175** Date: 3/13/2013
 Test Type: **Radiated Scan** Time: 15:56:55
 Equipment: **PPM (RP4) Electronics Module** Sequence#: 61
 Manufacturer: Proteus Digital Health, Inc. Tested By: Hieu Song Nguyenpham
 Model: SPC-0175
 S/N: None

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/22/2013	2/22/2015
T1	ANP05843	Cable	32022-2-29094K-48TC	8/7/2012	8/7/2014
T2	AN03143	Cable	32022-29094K-144TC	8/30/2011	8/30/2013
T3	AN02742	Active Horn Antenna	AMFW-5F-18002650-20-10P	12/17/2012	12/17/2014
T4	ANP00929	Cable	various	2/16/2012	2/16/2014

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
PPM (RP4) Electronics Module*	Proteus Digital Health, Inc.	SPC-0175	None

Support Devices:

Function	Manufacturer	Model #	S/N
Laptop AC/DC Power Adapter	Dell	D130PE1-00	CN-0JU012-48661-09U-K8GG-A04
Laptop	Dell	Latitude E6500	B76FVL1
USB to TTL Serial Cable-1.8m Wire End Version	FTDI	TTL-232RG-VREG1V8-WE	None
DC power Supply	EZ	GP-4303A	01070038

Test Conditions / Notes:

Radiated Spurious Emission
Frequency Range: 18000MHz to 25000MHz

Temperature: 19.9°C, Humidity: 40 %, Atmospheric Pressure:101.9kPa

High Clock: 26MHz
Software Used: HCI Lite

Transmitter Operation Frequency Range: 2400 - 2483.5 MHz
Rate power = +4dBm (nominal)
RBW=VBW=1MHz

Note:
High channel= 2480 MHz at X axis
GFSK is the worst module.
Bit Pattern =10101010
Two ferrites (742 700 32) on a cable which connects from the EUT to a DC power supply with one pass through.

Ext Attn: 0 dB

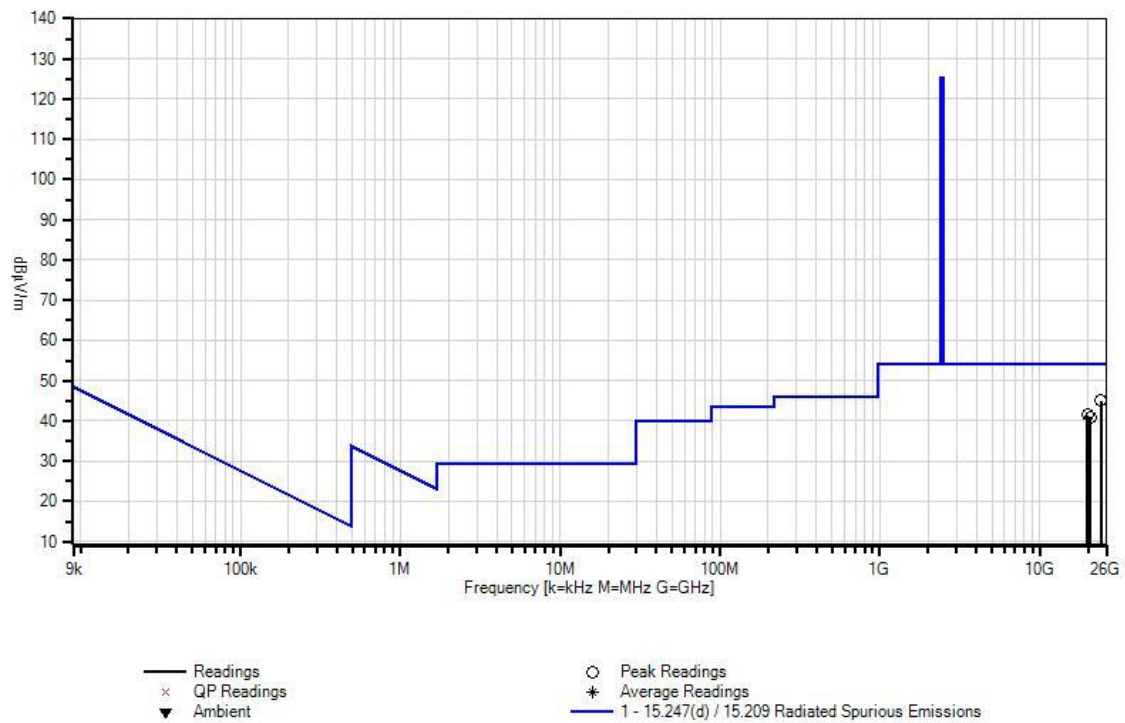
Measurement Data:

Reading listed by margin.

Test Distance: 3 Meters

#	Freq MHz	Rdng dBμV	T1 dB	T2 dB	T3 dB	T4 dB	Dist Table	Corr dBμV/m	Spec dBμV/m	Margin dB	Polar Ant
1	24106.316 M	45.5	+3.1	+7.2	-13.7	+3.0	+0.0	45.1	54.0	-8.9	Vert
2	19918.282 M	42.3	+2.9	+6.5	-13.4	+3.2	+0.0	41.5	54.0	-12.5	Vert
3	20599.482 M	42.6	+2.8	+6.6	-14.1	+3.1	+0.0	41.0	54.0	-13.0	Vert

CKC Laboratories, Inc. Date: 3/13/2013 Time: 15:56:55 Proteus Digital Health, Inc. WO#: 94175
 Test Distance: 3 Meters Sequence#: 61



Y AXIS – LOW CHANNEL

Test Location: CKC Laboratories, Inc. • 1120 Fulton Places • Fremont, CA 94539 • (510) 249-1170

Customer: **Proteus Digital Health, Inc.**
 Specification: **15.247(d) / 15.209 Radiated Spurious Emissions**
 Work Order #: **94175** Date: 3/14/2013
 Test Type: **Radiated Scan** Time: 10:24:03
 Equipment: **PPM (RP4) Electronics Module** Sequence#: 130
 Manufacturer: Proteus Digital Health, Inc. Tested By: Hieu Song Nguyenpham
 Model: SPC-0175
 S/N: None

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/22/2013	2/22/2015
T1	AN00888	Cable	RG213/U	5/21/2012	5/21/2014
T2	ANP05440	Cable	RG214/U	1/21/2013	1/21/2015
T3	AN00432	Loop Antenna	6502	3/31/2011	3/31/2013

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
PPM (RP4) Electronics Module*	Proteus Digital Health, Inc.	SPC-0175	None

Support Devices:

Function	Manufacturer	Model #	S/N
Laptop AC/DC Power Adapter	Dell	D130PE1-00	CN-0JU012-48661-09U-K8GG-A04
Laptop	Dell	Latitude E6500	B76FVL1
USB to TTL Serial Cable-1.8m Wire End Version	FTDI	TTL-232RG-VREG1V8-WE	None
DC power Supply	EZ	GP-4303A	01070038

Test Conditions / Notes:

Radiated Spurious Emission Frequency Range: 9kHz to 30MHz Temperature: 20.1°C, Humidity: 45 %, Atmospheric Pressure:101.8kPa High Clock: 26MHz Software Used: HCI Lite Transmitter Operation Frequency Range: 2400 - 2483.5 MHz Rate power = +4dBm (nominal) RBW=VBW=200Hz at 9kHz to 150kHz RBW=VBW=9kHz at 150kHz to 30MHz Note: Low channel= 2402 MHz at Y axis GFSK is the worst module. Bit Pattern =10101010 Two ferrites (742 700 32) on a cable which connects from the EUT to a DC power supply with one pass through.
--

Ext Attn: 0 dB

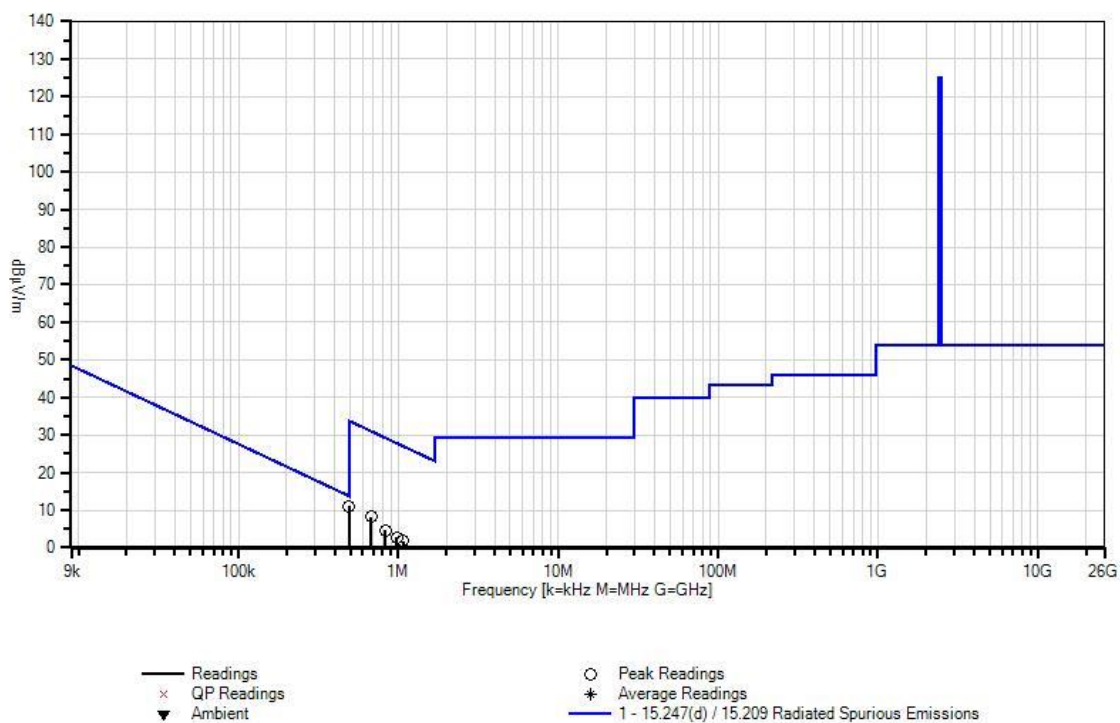
Measurement Data:

Reading listed by margin.

Test Distance: 3 Meters

#	Freq MHz	Rdng dB μ V	T1 dB	T2 dB	T3 dB		Dist Table	Corr dB μ V/m	Spec dB μ V/m	Margin dB	Polar Ant
1	492.875k	39.9	+0.1	+0.0	+11.1		-40.0	11.1	33.7	-22.6	Perpe
2	676.857k	36.6	+0.1	+0.0	+11.5		-40.0	8.2	31.0	-22.8	Paral
3	827.387k	33.2	+0.1	+0.0	+11.4		-40.0	4.7	29.3	-24.6	Perpe
4	973.737k	31.2	+0.0	+0.1	+11.5		-40.0	2.8	27.9	-25.1	Paral
5	1.068M	30.1	+0.1	+0.1	+11.5		-40.0	1.8	27.1	-25.3	Paral
6	1.670M	25.9	+0.1	+0.0	+11.4		-40.0	-2.6	23.2	-25.8	Perpe

CKC Laboratories, Inc. Date: 3/14/2013 Time: 10:24:03 Proteus Digital Health, Inc. WO#: 94175
Test Distance: 3 Meters Sequence#: 130



Test Location: CKC Laboratories, Inc. • 1120 Fulton Places • Fremont, CA 94539 • (510) 249-1170

Customer: **Proteus Digital Health, Inc.**
 Specification: **15.247(d) / 15.209 Radiated Spurious Emissions**
 Work Order #: **94175** Date: 3/13/2013
 Test Type: **Radiated Scan** Time: 21:33:32
 Equipment: **PPM (RP4) Electronics Module** Sequence#: 103
 Manufacturer: Proteus Digital Health, Inc. Tested By: Hieu Song Nguyenpham
 Model: SPC-0175
 S/N: None

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/22/2013	2/22/2015
T1	AN00730	Preamp	8447D	1/17/2013	1/17/2015
T2	AN00852	Biconilog Antenna	CBL 6111C	11/28/2012	11/28/2014
T3	AN00888	Cable	RG213/U	5/21/2012	5/21/2014
T4	ANP05440	Cable	RG214/U	1/21/2013	1/21/2015
T5	ANP01183	Cable	CNT-195	10/24/2011	10/24/2013

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
PPM (RP4) Electronics Module*	Proteus Digital Health, Inc.	SPC-0175	None

Support Devices:

Function	Manufacturer	Model #	S/N
Laptop AC/DC Power Adapter	Dell	D130PE1-00	CN-0JU012-48661-09U-K8GG-A04
Laptop	Dell	Latitude E6500	B76FVL1
USB to TTL Serial Cable- 1.8m Wire End Version	FTDI	TTL-232RG-VREG1V8-WE	None
DC power Supply	EZ	GP-4303A	01070038

Test Conditions / Notes:

Radiated Spurious Emission Frequency Range: 30MHz to 1000MHz Temperature: 19.9°C Humidity: 40 % Atmospheric Pressure: 101.9kPa High Clock: 26Mhz Software Used: HCI Lite Transmitter Operation Frequency Range: 2400 - 2483.5 MHz Rate power = +4dBm (nominal) RBW=VBW=120KHz Note: Low channel= 2402 MHz at Y axis GFSK is the worst module. Bit Pattern =10101010 Two ferrites (742 700 32) on a cable which connects from the EUT to a DC power supply with one pass through.
--

Ext Attn: 0 dB

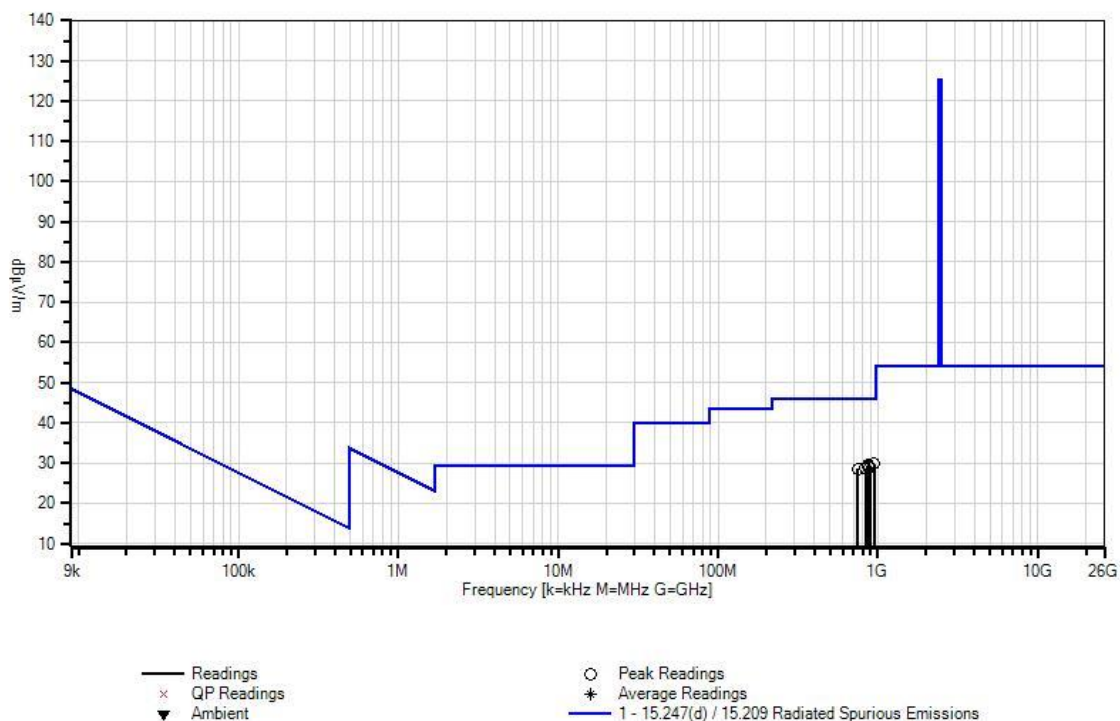
Measurement Data:

Reading listed by margin.

Test Distance: 3 Meters

#	Freq MHz	Rdng dB μ V	T1 T5 dB	T2 dB	T3 dB	T4 dB	Dist Table	Corr dB μ V/m	Spec dB μ V/m	Margin dB	Polar Ant
1	948.994M	28.4	-27.1 +1.0	+23.5	+1.9	+2.1	+0.0	29.8	46.0	-16.2	Vert
2	874.552M	28.7	-27.0 +0.9	+22.9	+1.8	+2.1	+0.0	29.4	46.0	-16.6	Horiz
3	861.455M	28.5	-27.0 +1.0	+22.9	+1.8	+2.0	+0.0	29.2	46.0	-16.8	Vert
4	886.269M	28.2	-27.1 +1.0	+22.8	+1.8	+2.1	+0.0	28.8	46.0	-17.2	Vert
5	835.952M	28.7	-26.9 +1.0	+22.1	+1.8	+2.0	+0.0	28.7	46.0	-17.3	Horiz
6	745.657M	29.1	-26.9 +0.9	+21.8	+1.7	+1.9	+0.0	28.5	46.0	-17.5	Horiz

CKC Laboratories, Inc Date: 3/13/2013 Time: 21:33:32 Proteus Digital Health, Inc. WO#: 94175
Test Distance: 3 Meters Sequence#: 103



Test Location: CKC Laboratories, Inc. • 1120 Fulton Places • Fremont, CA 94539 • (510) 249-1170

Customer: **Proteus Digital Health, Inc.**
 Specification: **15.247(d) / 15.209 Radiated Spurious Emissions**
 Work Order #: **94175** Date: 3/13/2013
 Test Type: **Radiated Scan** Time: 09:21:35
 Equipment: **PPM (RP4) Electronics Module** Sequence#: 15
 Manufacturer: Proteus Digital Health, Inc. Tested By: Hieu Song Nguyenpham
 Model: SPC-0175
 S/N: None

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
T1	ANP05843	Cable	32022-2-29094K-48TC	8/7/2012	8/7/2014
	AN02668	Spectrum Analyzer	E4446A	2/22/2013	2/22/2015
T2	AN03114	Preamp	AMF-7D-00101800-30-10P	5/13/2011	5/13/2013
T3	AN02157	Horn Antenna-ANSI C63.5	3115	1/23/2013	1/23/2015
T4	ANP01210	Cable	FSJ1P-50A-4A	2/19/2013	2/19/2015
T5	AN03309	High Pass Filter	11SH10-3000/T10000-O/O	6/12/2012	6/12/2014
T6	AN03302	Cable	32026-29094K-29094K-72TC	3/21/2012	3/21/2014

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
PPM (RP4) Electronics Module*	Proteus Digital Health, Inc.	SPC-0175	None

Support Devices:

Function	Manufacturer	Model #	S/N
Laptop AC/DC Power Adapter	Dell	D130PE1-00	CN-0JU012-48661-09U-K8GG-A04
Laptop	Dell	Latitude E6500	B76FVL1
USB to TTL Serial Cable-1.8m Wire End Version	FTDI	TTL-232RG-VREG1V8-WE	None
DC power Supply	EZ	GP-4303A	01070038

Test Conditions / Notes:

Radiated Spurious Emission
1000MHz to 12000MHz

Temperature: 19.9°C

Humidity: 40 %

Atmospheric Pressure: 101.9kPa

High Clock: 26MHz

Software Used: HCI Lite

Transmitter Operation Frequency Range: 2400 - 2483.5MHz

Rate power = +4dBm (nominal)

RBW=VBW=1MHz

Note:

LOW Channel = 2402MHz at Y axis

GFSK is the worst module.

Bit Pattern = 10101010

Two ferrites (742 700 32) on a cable which connects from the EUT to a DC power supply with one pass through.

Ext Attn: 0 dB

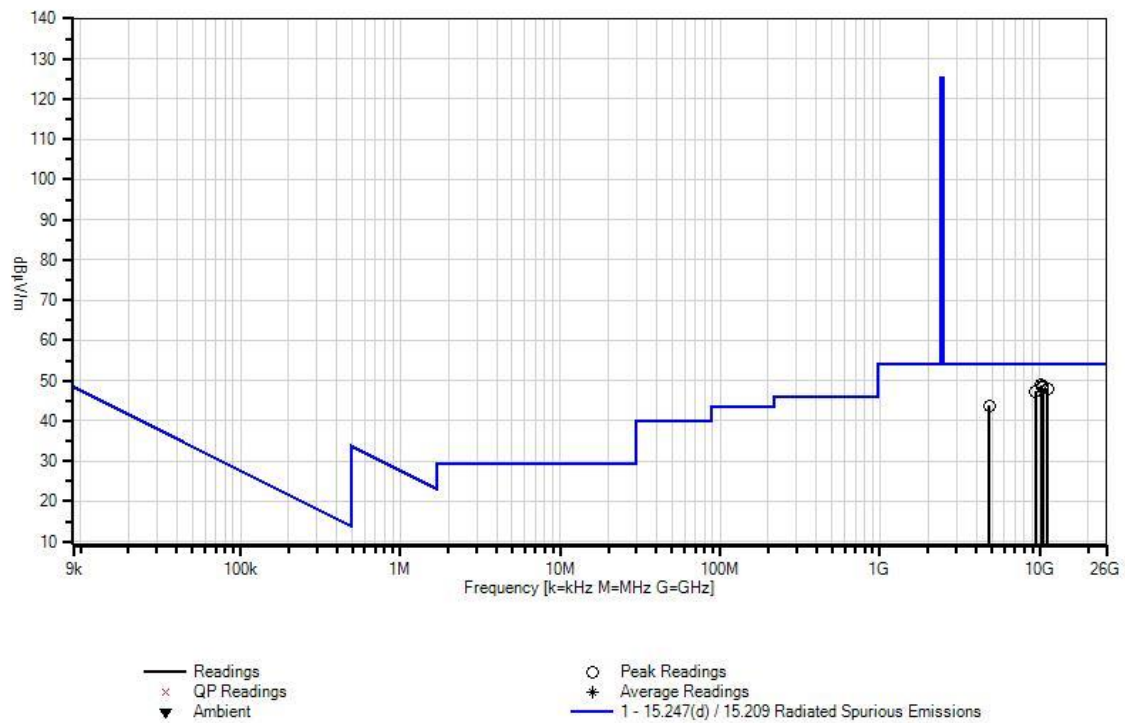
Measurement Data:

Reading listed by margin.

Test Distance: 3 Meters

#	Freq	Rdng	T1	T2	T3	T4	Dist	Corr	Spec	Margin	Polar
	MHz	dBμV	T5 dB	T6 dB	dB	dB	Table	dBμV/m	dBμV/m	dB	Ant
1	10175.861 M	56.9	+2.0 +0.1	-58.4 +2.3	+39.7	+6.3	+0.0	48.9	54.0	-5.1	Vert
2	10267.244 M	57.0	+2.0 +0.1	-58.6 +2.3	+39.6	+6.2	+0.0	48.6	54.0	-5.4	Horiz
3	10435.950 M	57.2	+1.9 +0.1	-58.6 +2.3	+39.2	+6.1	+0.0	48.2	54.0	-5.8	Horiz
4	11181.071 M	55.4	+2.1 +0.2	-57.3 +2.3	+38.9	+6.2	+0.0	47.8	54.0	-6.2	Horiz
5	9342.873M	55.7	+1.7 +0.3	-57.2 +2.2	+38.4	+6.2	+0.0	47.3	54.0	-6.7	Vert
6	4803.238M	62.7	+1.3 +0.2	-58.9 +1.5	+33.2	+3.8	+0.0	43.8	54.0	-10.2	Vert

CKC Laboratories, Inc. Date: 3/13/2013 Time: 09:21:35 Proteus Digital Health, Inc. WO#: 94175
 Test Distance: 3 Meters Sequence#: 15



Test Location: CKC Laboratories, Inc. • 1120 Fulton Places • Fremont, CA 94539 • (510) 249-1170

Customer: **Proteus Digital Health, Inc.**
 Specification: **15.247(d) / 15.209 Radiated Spurious Emissions**
 Work Order #: **94175** Date: 3/13/2013
 Test Type: **Radiated Scan** Time: 14:53:38
 Equipment: **PPM (RP4) Electronics Module** Sequence#: 49
 Manufacturer: Proteus Digital Health, Inc. Tested By: Hieu Song Nguyenpham
 Model: SPC-0175
 S/N: None

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/22/2013	2/22/2015
T1	AN02741	Active Horn Antenna	AMFW-5F-12001800-20-10P	12/18/2012	12/18/2014
T2	ANP00928	Cable	various	2/10/2012	2/10/2014
T3	ANP05843	Cable	32022-2-29094K-48TC	8/7/2012	8/7/2014
T4	AN03143	Cable	32022-29094K-144TC	8/30/2011	8/30/2013

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
PPM (RP4) Electronics Module*	Proteus Digital Health, Inc.	SPC-0175	None

Support Devices:

Function	Manufacturer	Model #	S/N
Laptop AC/DC Power Adapter	Dell	D130PE1-00	CN-0JU012-48661-09U-K8GG-A04
Laptop	Dell	Latitude E6500	B76FVL1
USB to TTL Serial Cable-1.8m Wire End Version	FTDI	TTL-232RG-VREG1V8-WE	None
DC power Supply	EZ	GP-4303A	01070038

Test Conditions / Notes:

Radiated Spurious Emission Frequency Range: 12000MHz to 18000MHz Temperature: 19.9°C, Humidity: 40 %, Atmospheric Pressure:101.9kPa High Clock: 26MHz Software Used: HCI Lite Transmitter Operation Frequency Range: 2400 - 2483.5 MHz Rate power = +4dBm (nominal) RBW=VBW=1MHz Note: Low channel= 2402MHz at Y axis GFSK is the worst module. Bit Pattern =10101010 Two ferrites (742 700 32) on a cable which connects from the EUT to a DC power supply with one pass through.
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Ext Attn: 0 dB

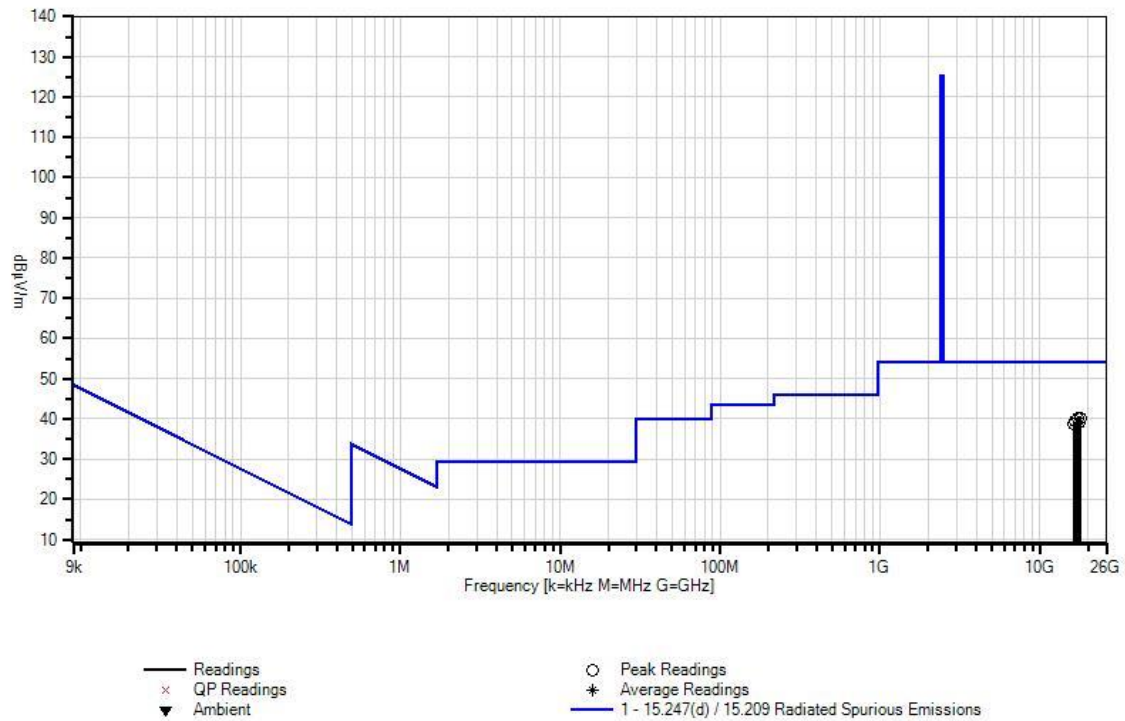
Measurement Data:

Reading listed by margin.

Test Distance: 3 Meters

#	Freq MHz	Rdng dB μ V	T1 dB	T2 dB	T3 dB	T4 dB	Dist Table	Corr dB μ V/m	Spec dB μ V/m	Margin dB	Polar Ant
1	17927.333 M	41.2	-10.6	+0.8	+2.7	+6.2	+0.0	40.3	54.0	-13.7	Vert
2	17289.842 M	43.2	-12.3	+0.8	+2.6	+6.0	+0.0	40.3	54.0	-13.7	Horiz
3	17230.387 M	43.4	-12.5	+0.8	+2.6	+6.0	+0.0	40.3	54.0	-13.7	Horiz
4	16404.621 M	41.1	-11.1	+0.9	+2.6	+5.8	+0.0	39.3	54.0	-14.7	Vert
5	17748.967 M	40.7	-11.2	+0.8	+2.7	+6.2	+0.0	39.2	54.0	-14.8	Vert
6	16265.893 M	40.8	-11.6	+1.0	+2.6	+5.8	+0.0	38.6	54.0	-15.4	Horiz

CKC Laboratories, Inc. Date: 3/13/2013 Time: 14:53:38 Proteus Digital Health, Inc. WO#: 94175
 Test Distance: 3 Meters Sequence#: 49



Test Location: CKC Laboratories, Inc. • 1120 Fulton Places • Fremont, CA 94539 • (510) 249-1170

Customer: **Proteus Digital Health, Inc.**
 Specification: **15.247(d) / 15.209 Radiated Spurious Emissions**
 Work Order #: **94175** Date: 3/13/2013
 Test Type: **Radiated Scan** Time: 16:29:18
 Equipment: **PPM (RP4) Electronics Module** Sequence#: 70
 Manufacturer: Proteus Digital Health, Inc. Tested By: Hieu Song Nguyenpham
 Model: SPC-0175
 S/N: None

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/22/2013	2/22/2015
T1	ANP05843	Cable	32022-2-29094K-48TC	8/7/2012	8/7/2014
T2	AN03143	Cable	32022-29094K-144TC	8/30/2011	8/30/2013
T3	AN02742	Active Horn Antenna	AMFW-5F-18002650-20-10P	12/17/2012	12/17/2014
T4	ANP00929	Cable	various	2/16/2012	2/16/2014

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
PPM (RP4) Electronics Module*	Proteus Digital Health, Inc.	SPC-0175	None

Support Devices:

Function	Manufacturer	Model #	S/N
Laptop AC/DC Power Adapter	Dell	D130PE1-00	CN-0JU012-48661-09U-K8GG-A04
Laptop	Dell	Latitude E6500	B76FVL1
USB to TTL Serial Cable-1.8m Wire End Version	FTDI	TTL-232RG-VREG1V8-WE	None
DC power Supply	EZ	GP-4303A	01070038

Test Conditions / Notes:

Radiated Spurious Emission Frequency Range: 18000MHz to 25000MHz Temperature: 19.9°C, Humidity: 40 %, Atmospheric Pressure:101.9kPa High Clock: 26MHz Software Used: HCI Lite Transmitter Operation Frequency Range: 2400 - 2483.5MHz Rate power = +4dBm (nominal) RBW=VBW=1MHz Note: Low channel= 2402 MHz at Y axis GFSK is the worst module. Bit Pattern =10101010 Two ferrites (742 700 32) on a cable which connects from the EUT to a DC power supply with one pass through.

Ext Attn: 0 dB

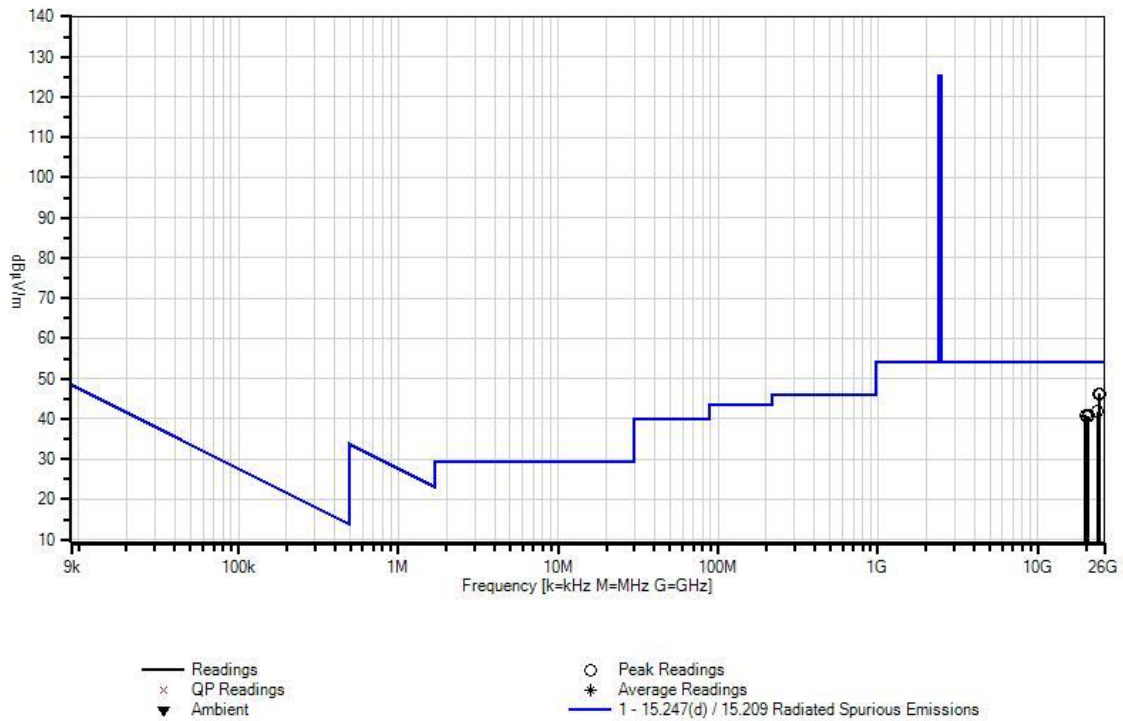
Measurement Data:

Reading listed by margin.

Test Distance: 3 Meters

#	Freq MHz	Rdng dB μ V	T1 dB	T2 dB	T3 dB	T4 dB	Dist Table	Corr dB μ V/m	Spec dB μ V/m	Margin dB	Polar Ant
1	24300.000 M	46.2	+3.1	+7.3	-13.3	+2.9	+0.0	46.2	54.0	-7.8	Vert
2	24181.000 M	46.4	+3.1	+7.3	-13.5	+2.9	+0.0	46.2	54.0	-7.8	Horiz
3	23516.000 M	43.8	+3.2	+7.1	-15.2	+3.0	+0.0	41.9	54.0	-12.1	Vert
4	19785.000 M	41.7	+2.9	+6.5	-13.4	+3.3	+0.0	41.0	54.0	-13.0	Horiz
5	20695.000 M	42.5	+2.8	+6.6	-14.2	+3.1	+0.0	40.8	54.0	-13.2	Vert
6	20534.000 M	42.1	+2.8	+6.5	-14.0	+3.2	+0.0	40.6	54.0	-13.4	Horiz

CKC Laboratories, Inc. Date: 3/13/2013 Time: 16:29:18 Proteus Digital Health, Inc. WO#: 94175
 Test Distance: 3 Meters Sequence#: 70



Y AXIS – MIDDLE CHANNEL

Test Location: CKC Laboratories, Inc. • 1120 Fulton Places • Fremont, CA 94539 • (510) 249-1170

Customer: **Proteus Digital Health, Inc.**
 Specification: **15.247(d) / 15.209 Radiated Spurious Emissions**
 Work Order #: **94175** Date: 3/14/2013
 Test Type: **Radiated Scan** Time: 09:56:20
 Equipment: **PPM (RP4) Electronics Module** Sequence#: 127
 Manufacturer: Proteus Digital Health, Inc. Tested By: Hieu Song Nguyenpham
 Model: SPC-0175
 S/N: None

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/22/2013	2/22/2015
T1	AN00888	Cable	RG213/U	5/21/2012	5/21/2014
T2	ANP05440	Cable	RG214/U	1/21/2013	1/21/2015
T3	AN00432	Loop Antenna	6502	3/31/2011	3/31/2013

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
PPM (RP4) Electronics Module*	Proteus Digital Health, Inc.	SPC-0175	None

Support Devices:

Function	Manufacturer	Model #	S/N
Laptop AC/DC Power Adapter	Dell	D130PE1-00	CN-0JU012-48661-09U-K8GG-A04
Laptop	Dell	Latitude E6500	B76FVL1
USB to TTL Serial Cable-1.8m Wire End Version	FTDI	TTL-232RG-VREG1V8-WE	None
DC power Supply	EZ	GP-4303A	01070038

Test Conditions / Notes:

Radiated Spurious Emission
 Frequency Range: 9kHz to 30MHz

 Temperature: 20.1 C
 Humidity: 45 %
 Atmospheric Pressure: 101.8kPa
 High Clock: 26MHz
 Software Used: HCI Lite
 Transmitter Operation Frequency Range: 2400 - 2483.5 MHz
 Rate power = +4dBm (nominal)
 RBW=VBW=200Hz at 9kHz to 150kHz
 RBW=VBW=9kHz at 150kHz to 30MHz
 Note;
 Middle channel= 2441 MHz at Y axis
 GFSK is the worst module.
 Bit Pattern =10101010
 Two ferrites (742 700 32) on a cable which connects from the EUT to a DC power supply with one pass through.

Ext Attn: 0 dB

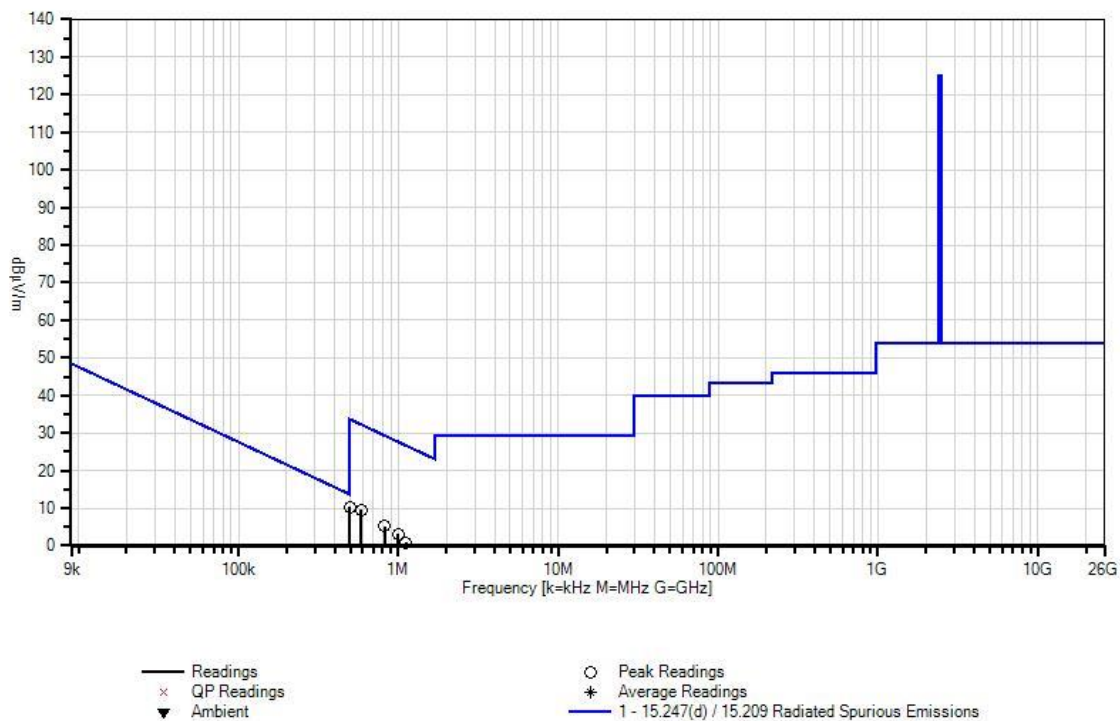
Measurement Data:

Reading listed by margin.

Test Distance: 3 Meters

#	Freq MHz	Rdng dB μ V	T1 dB	T2 dB	T3 dB		Dist Table	Corr dB μ V/m	Spec dB μ V/m	Margin dB	Polar Ant
1	584.866k	38.1	+0.1	+0.1	+11.3		-40.0	9.6	32.3	-22.7	Perpe
2	498.920k	39.2	+0.1	+0.0	+11.1		-40.0	10.4	33.6	-23.2	Paral
3	819.025k	33.7	+0.1	+0.0	+11.4		-40.0	5.2	29.4	-24.2	Perpe
4	1.001M	31.4	+0.1	+0.1	+11.5		-40.0	3.1	27.6	-24.5	Perpe
5	1.112M	29.1	+0.1	+0.1	+11.5		-40.0	0.8	26.7	-25.9	Paral
6	1.214M	28.2	+0.1	+0.0	+11.4		-40.0	-0.3	25.9	-26.2	Paral

CKC Laboratories, Inc Date: 3/14/2013 Time: 09:56:20 Proteus Digital Health, Inc. WO#: 94175
Test Distance: 3 Meters Sequence#: 127



Test Location: CKC Laboratories, Inc. • 1120 Fulton Places • Fremont, CA 94539 • (510) 249-1170

Customer: **Proteus Digital Health, Inc.**
 Specification: **15.247(d) / 15.209 Radiated Spurious Emissions**
 Work Order #: **94175** Date: 3/13/2013
 Test Type: **Radiated Scan** Time: 21:21:55
 Equipment: **PPM (RP4) Electronics Module** Sequence#: 100
 Manufacturer: Proteus Digital Health, Inc. Tested By: Hieu Song Nguyenpham
 Model: SPC-0175
 S/N: None

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/22/2013	2/22/2015
T1	AN00730	Preamp	8447D	1/17/2013	1/17/2015
T2	AN00852	Biconilog Antenna	CBL 6111C	11/28/2012	11/28/2014
T3	AN00888	Cable	RG213/U	5/21/2012	5/21/2014
T4	ANP05440	Cable	RG214/U	1/21/2013	1/21/2015
T5	ANP01183	Cable	CNT-195	10/24/2011	10/24/2013

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
PPM (RP4) Electronics Module*	Proteus Digital Health, Inc.	SPC-0175	None

Support Devices:

Function	Manufacturer	Model #	S/N
Laptop AC/DC Power Adapter	Dell	D130PE1-00	CN-0JU012-48661-09U-K8GG-A04
Laptop	Dell	Latitude E6500	B76FVL1
USB to TTL Serial Cable-1.8m Wire End Version	FTDI	TTL-232RG-VREG1V8-WE	None
DC power Supply	EZ	GP-4303A	01070038

Test Conditions / Notes:

Radiated Spurious Emission Frequency Range: 30MHz to 1000MHz Temperature: 19.9°C Humidity: 40 % Atmospheric Pressure: 101.9kPa High Clock: 26MHz Software Used: HCI Lite Transmitter Operation Frequency Range: 2400 - 2483.5 MHz Rate power = +4dBm (nominal) RBW=VBW=120KHz Note: Middle channel= 2441 MHz at Y axis GFSK is the worst module. Bit Pattern =10101010 Two ferrites (742 700 32) on a cable which connects from the EUT to a DC power supply with one pass through.

Ext Attn: 0 dB

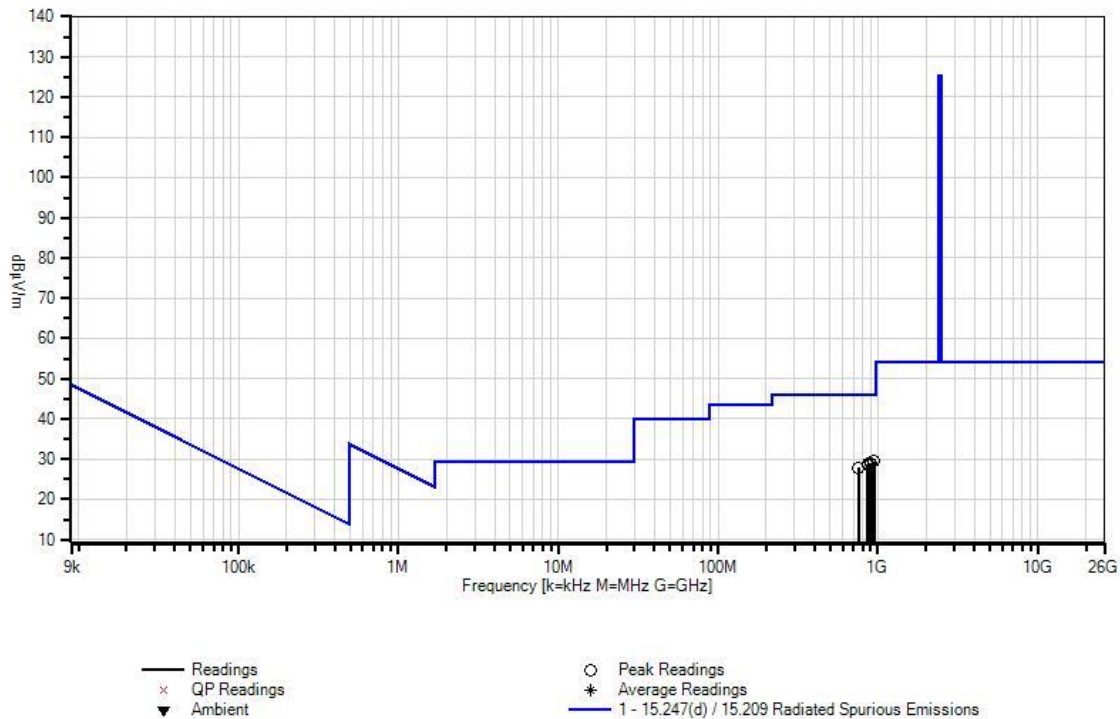
Measurement Data:

Reading listed by margin.

Test Distance: 3 Meters

#	Freq MHz	Rdng dB μ V	T1 T5 dB	T2 dB	T3 dB	T4 dB	Dist Table	Corr dB μ V/m	Spec dB μ V/m	Margin dB	Polar Ant
1	944.858M	28.1	-27.1 +1.0	+23.5	+1.9	+2.1	+0.0	29.5	46.0	-16.5	Vert
2	903.501M	28.1	-27.1 +1.0	+23.0	+1.8	+2.1	+0.0	28.9	46.0	-17.1	Vert
3	871.105M	28.1	-27.0 +0.9	+23.0	+1.8	+2.1	+0.0	28.9	46.0	-17.1	Vert
4	868.056M	28.1	-27.0 +0.9	+22.9	+1.8	+2.1	+0.0	28.8	46.0	-17.2	Horiz
5	861.051M	27.9	-27.0 +1.0	+22.9	+1.8	+2.0	+0.0	28.6	46.0	-17.4	Horiz
6	750.708M	28.2	-26.9 +0.9	+22.0	+1.7	+1.9	+0.0	27.8	46.0	-18.2	Horiz

CKC Laboratories, Inc Date: 3/13/2013 Time: 21:21:55 Proteus Digital Health, Inc. WO#: 94175
Test Distance: 3 Meters Sequence#: 100



Test Location: CKC Laboratories, Inc. • 1120 Fulton Places • Fremont, CA 94539 • (510) 249-1170

Customer: **Proteus Digital Health, Inc.**
 Specification: **15.247(d) / 15.209 Radiated Spurious Emissions**
 Work Order #: **94175** Date: 3/13/2013
 Test Type: **Radiated Scan** Time: 09:45:35
 Equipment: **PPM (RP4) Electronics Module** Sequence#: 18
 Manufacturer: Proteus Digital Health, Inc. Tested By: Hieu Song Nguyenpham
 Model: SPC-0175
 S/N: None

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
T1	ANP05843	Cable	32022-2-29094K-48TC	8/7/2012	8/7/2014
	AN02668	Spectrum Analyzer	E4446A	2/22/2013	2/22/2015
T2	AN03114	Preamp	AMF-7D-00101800-30-10P	5/13/2011	5/13/2013
T3	AN02157	Horn Antenna-ANSI C63.5	3115	1/23/2013	1/23/2015
T4	ANP01210	Cable	FSJ1P-50A-4A	2/19/2013	2/19/2015
T5	AN03309	High Pass Filter	11SH10-3000/T10000-O/O	6/12/2012	6/12/2014
T6	AN03302	Cable	32026-29094K-29094K-72TC	3/21/2012	3/21/2014

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
PPM (RP4) Electronics Module*	Proteus Digital Health, Inc.	SPC-0175	None

Support Devices:

Function	Manufacturer	Model #	S/N
Laptop AC/DC Power Adapter	Dell	D130PE1-00	CN-0JU012-48661-09U-K8GG-A04
Laptop	Dell	Latitude E6500	B76FVL1
USB to TTL Serial Cable-1.8m Wire End Version	FTDI	TTL-232RG-VREG1V8-WE	None
DC power Supply	EZ	GP-4303A	01070038

Test Conditions / Notes:

Radiated Spurious Emission
1000MHz to 12000MHz

Temperature: 19.9°C

Humidity: 40 %

Atmospheric Pressure: 101.9kPa

High Clock: 26MHz

Software Used: HCI Lite

Transmitter Operation Frequency Range: 2400 - 2483.5 MHz

Rate power = +4dBm (nominal)

RBW=VBW=1MHz

Note:

Middle Channel = 2441 MHz at Y axis

GFSK is the worst module.

Bit Pattern = 10101010

Two ferrites (742 700 32) on a cable which connects from the EUT to a DC power supply with one pass through.

Ext Attn: 0 dB

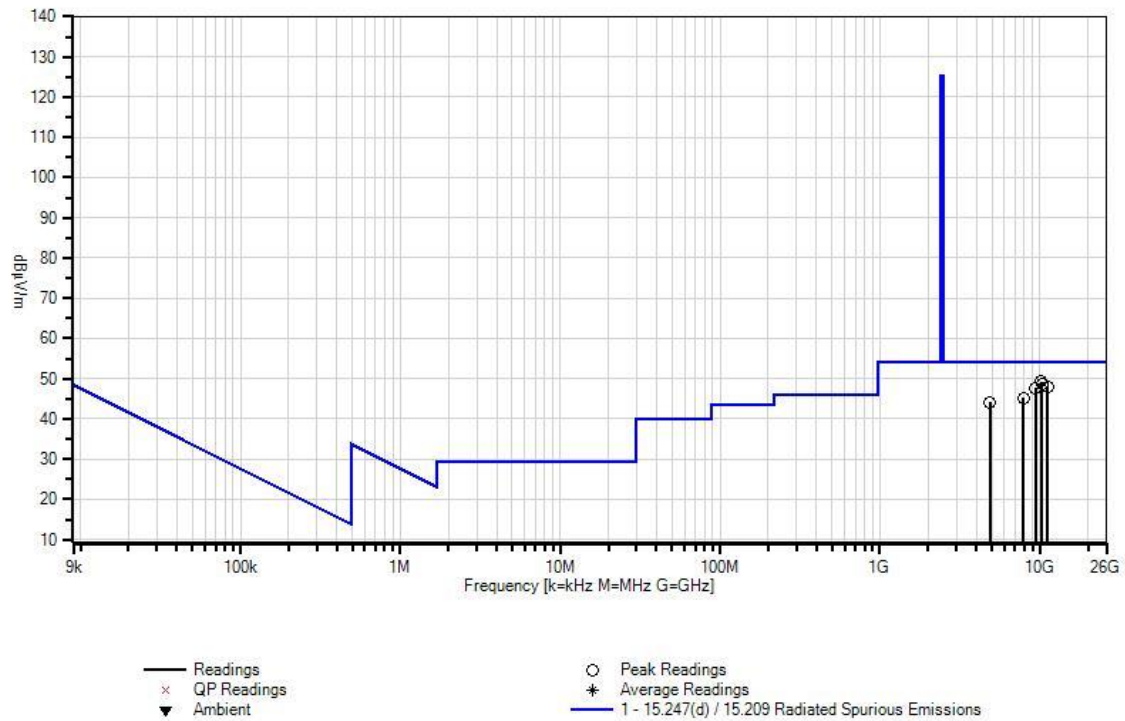
Measurement Data:

Reading listed by margin.

Test Distance: 3 Meters

#	Freq MHz	Rdng dBμV	T1 T5 dB	T2 T6 dB	T3 dB	T4 dB	Dist Table	Corr dBμV/m	Spec dBμV/m	Margin dB	Polar Ant
1	10196.949 M	57.4	+2.0 +0.1	-58.5 +2.3	+39.7	+6.3	+0.0	49.3	54.0	-4.7	Horiz
2	10263.729 M	57.2	+2.0 +0.1	-58.6 +2.3	+39.6	+6.2	+0.0	48.8	54.0	-5.2	Vert
3	11188.100 M	55.6	+2.1 +0.2	-57.2 +2.3	+38.9	+6.2	+0.0	48.1	54.0	-5.9	Horiz
4	9339.358M	55.9	+1.7 +0.4	-57.1 +2.2	+38.4	+6.2	+0.0	47.7	54.0	-6.3	Horiz
5	7858.990M	57.8	+1.5 +0.2	-58.4 +2.0	+36.7	+5.4	+0.0	45.2	54.0	-8.8	Vert
6	4882.319M	62.9	+1.3 +0.3	-59.0 +1.5	+33.4	+3.8	+0.0	44.2	54.0	-9.8	Vert

CKC Laboratories, Inc. Date: 3/13/2013 Time: 09:45:35 Proteus Digital Health, Inc. WO#: 94175
 Test Distance: 3 Meters Sequence#: 18



Test Location: CKC Laboratories, Inc. • 1120 Fulton Places • Fremont, CA 94539 • (510) 249-1170

Customer: **Proteus Digital Health, Inc.**
 Specification: **15.247(d) / 15.209 Radiated Spurious Emissions**
 Work Order #: **94175** Date: 3/13/2013
 Test Type: **Radiated Scan** Time: 14:42:07
 Equipment: **PPM (RP4) Electronics Module** Sequence#: 46
 Manufacturer: Proteus Digital Health, Inc. Tested By: Hieu Song Nguyenpham
 Model: SPC-0175
 S/N: None

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/22/2013	2/22/2015
T1	AN02741	Active Horn Antenna	AMFW-5F-12001800-20-10P	12/18/2012	12/18/2014
T2	ANP00928	Cable	various	2/10/2012	2/10/2014
T3	ANP05843	Cable	32022-2-29094K-48TC	8/7/2012	8/7/2014
T4	AN03143	Cable	32022-29094K-144TC	8/30/2011	8/30/2013

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
PPM (RP4) Electronics Module*	Proteus Digital Health, Inc.	SPC-0175	None

Support Devices:

Function	Manufacturer	Model #	S/N
Laptop AC/DC Power Adapter	Dell	D130PE1-00	CN-0JU012-48661-09U-K8GG-A04
Laptop	Dell	Latitude E6500	B76FVL1
USB to TTL Serial Cable-1.8m Wire End Version	FTDI	TTL-232RG-VREG1V8-WE	None
DC power Supply	EZ	GP-4303A	01070038

Test Conditions / Notes:

Radiated Spurious Emission
 Frequency Range: 12000MHz to 18000MHz

 Temperature: 19.9°C, Humidity: 40 %, Atmospheric Pressure:101.9kPa

 High Clock: 26Mhz
 Software Used: HCI Lite

 Transmitter Operation Frequency Range: 2400 - 2483.5 MHz
 Rate power = +4dBm (nominal)
 RBW=VBW=1MHz

 Note:
 Middle channel= 2441 MHz at Y axis
 GFSK is the worst module.
 Bit Pattern =10101010
 Two ferrites (742 700 32) on a cable which connects from the EUT to a DC power supply with one pass through

Ext Attn: 0 dB

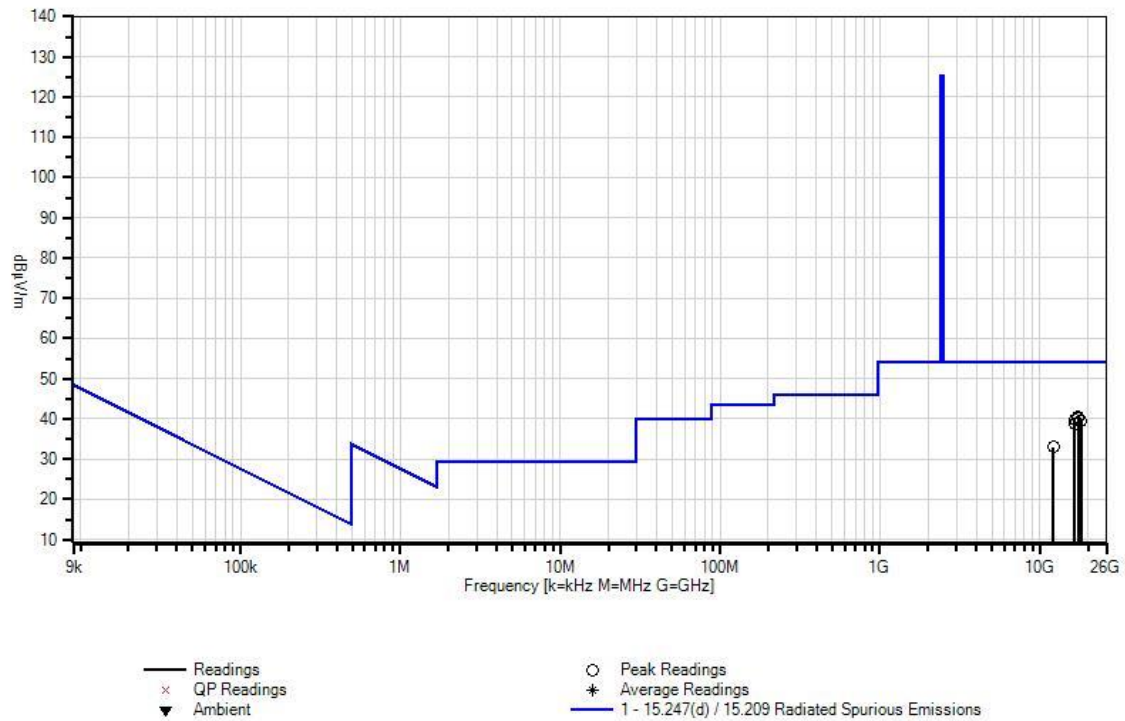
Measurement Data:

Reading listed by margin.

Test Distance: 3 Meters

#	Freq MHz	Rdng dB μ V	T1 dB	T2 dB	T3 dB	T4 dB	Dist Table	Corr dB μ V/m	Spec dB μ V/m	Margin dB	Polar Ant
1	17293.145 M	43.4	-12.3	+0.8	+2.6	+6.0	+0.0	40.5	54.0	-13.5	Vert
2	17349.297 M	42.9	-12.3	+0.8	+2.6	+6.0	+0.0	40.0	54.0	-14.0	Vert
3	17358.000 M	42.9	-12.3	+0.8	+2.6	+6.0	+0.0	40.0	54.0	-14.0	Horiz
4	16407.924 M	41.6	-11.2	+0.9	+2.6	+5.8	+0.0	39.7	54.0	-14.3	Vert
5	17988.000 M	40.0	-10.2	+0.8	+2.7	+6.2	+0.0	39.5	54.0	-14.5	Horiz
6	16416.000 M	40.8	-11.2	+0.9	+2.6	+5.8	+0.0	38.9	54.0	-15.1	Horiz
7	12105.181 M	38.9	-13.9	+1.0	+2.2	+4.8	+0.0	33.0	54.0	-21.0	Vert

CKC Laboratories, Inc Date: 3/13/2013 Time: 14:42:07 Proteus Digital Health, Inc. WO#: 94175
 Test Distance: 3 Meters Sequence#: 46



Test Location: CKC Laboratories, Inc. • 1120 Fulton Places • Fremont, CA 94539 • (510) 249-1170

Customer: **Proteus Digital Health, Inc.**
 Specification: **15.247(d) / 15.209 Radiated Spurious Emissions**
 Work Order #: **94175** Date: 3/13/2013
 Test Type: **Radiated Scan** Time: 16:37:55
 Equipment: **PPM (RP4) Electronics Module** Sequence#: 73
 Manufacturer: Proteus Digital Health, Inc. Tested By: Hieu Song Nguyenpham
 Model: SPC-0175
 S/N: None

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/22/2013	2/22/2015
T1	ANP05843	Cable	32022-2-29094K-48TC	8/7/2012	8/7/2014
T2	AN03143	Cable	32022-29094K-144TC	8/30/2011	8/30/2013
T3	AN02742	Active Horn Antenna	AMFW-5F-18002650-20-10P	12/17/2012	12/17/2014
T4	ANP00929	Cable	various	2/16/2012	2/16/2014

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
PPM (RP4) Electronics Module*	Proteus Digital Health, Inc.	SPC-0175	None

Support Devices:

Function	Manufacturer	Model #	S/N
Laptop AC/DC Power Adapter	Dell	D130PE1-00	CN-0JU012-48661-09U-K8GG-A04
Laptop	Dell	Latitude E6500	B76FVL1
USB to TTL Serial Cable-1.8m Wire End Version	FTDI	TTL-232RG-VREG1V8-WE	None
DC power Supply	EZ	GP-4303A	01070038

Test Conditions / Notes:

Radiated Spurious Emission Frequency Range: 18000MHz to 25000MHz Temperature: 19.9°C, Humidity: 40 %, Atmospheric Pressure:101.9kPa High Clock: 26Mhz Software Used: HCI Lite Transmitter Operation Frequency Range: 2400 - 2483.5 MHz Rate power = +4dBm (nominal) RBW=VBW=1MHz Note: Middle channel= 2441 MHz at Y axis GFSK is the worst module. Bit Pattern =10101010 Two ferrites (742 700 32) on a cable which connects from the EUT to a DC power supply with one pass through.
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Ext Attn: 0 dB

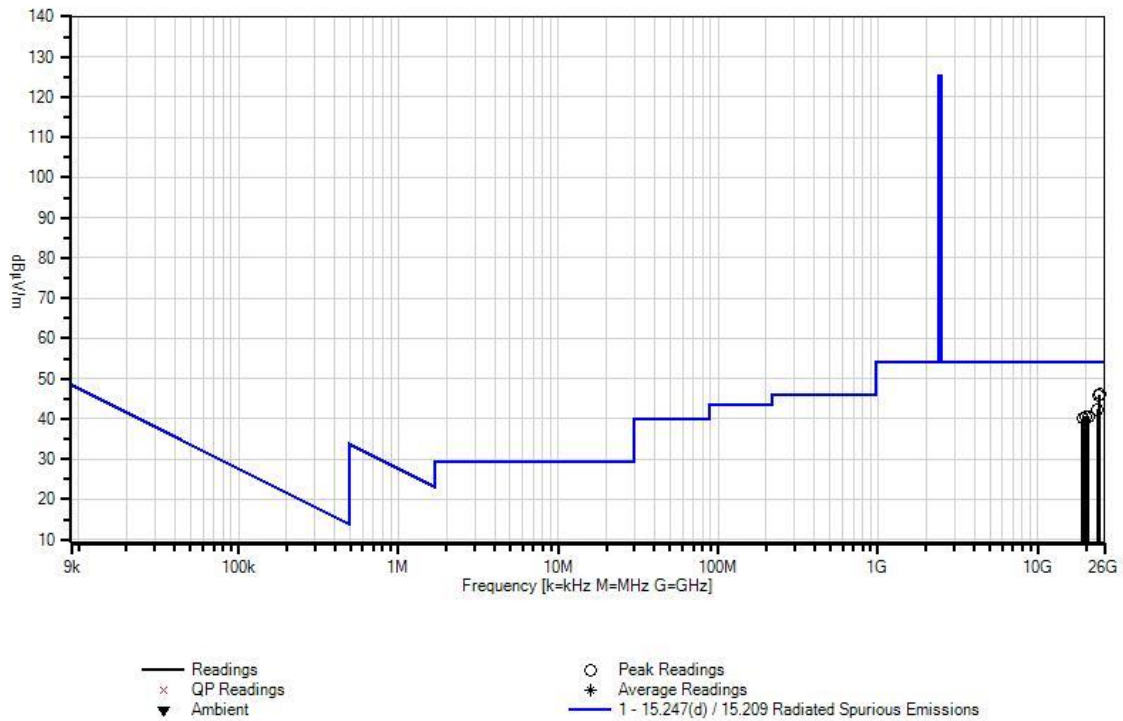
Measurement Data:

Reading listed by margin.

Test Distance: 3 Meters

#	Freq MHz	Rdng dB μ V	T1 dB	T2 dB	T3 dB	T4 dB	Dist Table	Corr dB μ V/m	Spec dB μ V/m	Margin dB	Polar Ant
1	24279.000 M	46.0	+3.1	+7.3	-13.3	+2.9	+0.0	46.0	54.0	-8.0	Horiz
2	24111.000 M	46.1	+3.1	+7.2	-13.7	+3.0	+0.0	45.7	54.0	-8.3	Vert
3	23530.000 M	44.1	+3.2	+7.1	-15.1	+3.0	+0.0	42.3	54.0	-11.7	Vert
4	20737.000 M	42.4	+2.8	+6.6	-14.3	+3.1	+0.0	40.6	54.0	-13.4	Horiz
5	19799.000 M	41.3	+2.9	+6.5	-13.4	+3.3	+0.0	40.6	54.0	-13.4	Horiz
6	18959.000 M	41.0	+2.8	+6.3	-13.4	+3.3	+0.0	40.0	54.0	-14.0	Vert

CKC Laboratories, Inc. Date: 3/13/2013 Time: 16:37:55 Proteus Digital Health, Inc. WO#: 94175
 Test Distance: 3 Meters Sequence#: 73



Y AXIS – HIGH CHANNEL

Test Location: CKC Laboratories, Inc. • 1120 Fulton Places • Fremont, CA 94539 • (510) 249-1170

Customer: **Proteus Digital Health, Inc.**
 Specification: **15.247(d) / 15.209 Radiated Spurious Emissions**
 Work Order #: **94175** Date: 3/14/2013
 Test Type: **Radiated Scan** Time: 09:43:19
 Equipment: **PPM (RP4) Electronics Module** Sequence#: 124
 Manufacturer: Proteus Digital Health, Inc. Tested By: Hieu Song Nguyenpham
 Model: SPC-0175
 S/N: None

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/22/2013	2/22/2015
T1	AN00888	Cable	RG213/U	5/21/2012	5/21/2014
T2	ANP05440	Cable	RG214/U	1/21/2013	1/21/2015
T3	AN00432	Loop Antenna	6502	3/31/2011	3/31/2013

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
PPM (RP4) Electronics Module*	Proteus Digital Health, Inc.	SPC-0175	None

Support Devices:

Function	Manufacturer	Model #	S/N
Laptop AC/DC Power Adapter	Dell	D130PE1-00	CN-0JU012-48661-09U-K8GG-A04
Laptop	Dell	Latitude E6500	B76FVL1
USB to TTL Serial Cable- 1.8m Wire End Version	FTDI	TTL-232RG-VREG1V8-WE	None
DC power Supply	EZ	GP-4303A	01070038

Test Conditions / Notes:

Radiated Spurious Emission Frequency Range: 9kHz to 30MHz Temperature: 20.1°C, Humidity: 45 %, Atmospheric Pressure: 101.9kPa High Clock: 26MHz Software Used: HCI Lite Transmitter Operation Frequency Range: 2400 - 2483.5 MHz Rate power = +4dBm (nominal) RBW=VBW=200Hz at 9kHz to 150kHz RBW=VBW=9kHz at 150kHz to 30MHz Note: High channel= 2480 MHz at Y axis GFSK is the worst module. Bit Pattern =10101010 Two ferrites (742 700 32) on a cable which connects from the EUT to a DC power supply with one pass through.
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Ext Attn: 0 dB

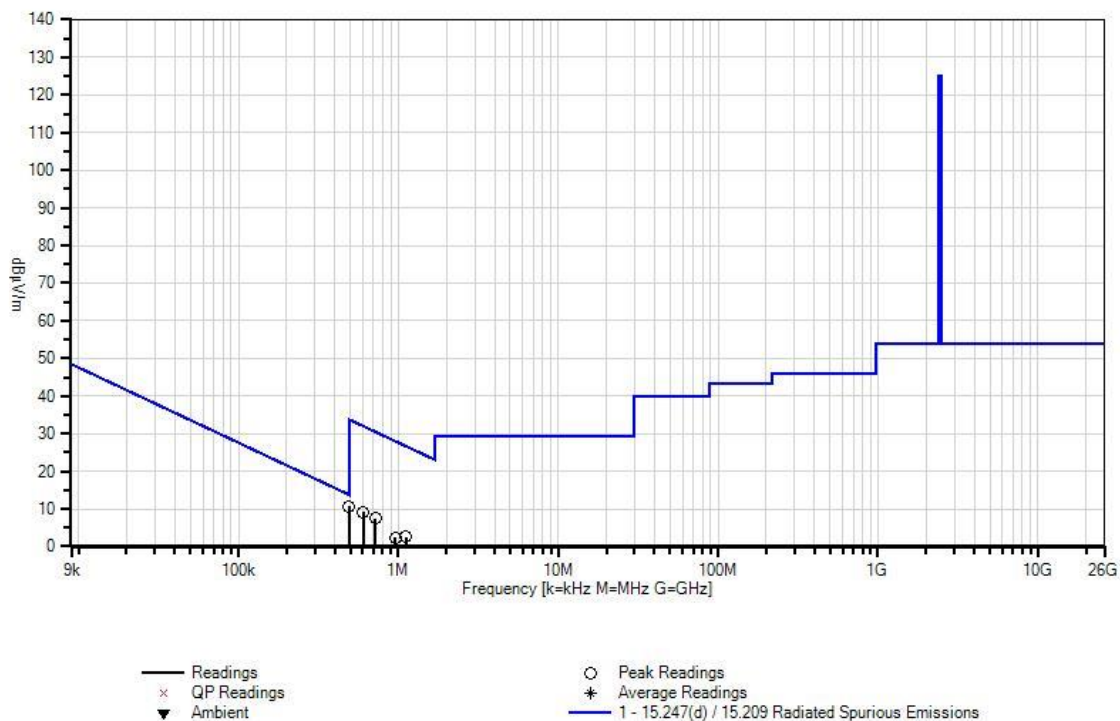
Measurement Data:

Reading listed by margin.

Test Distance: 3 Meters

#	Freq MHz	Rdng dB μ V	T1 dB	T2 dB	T3 dB	dB	Dist Table	Corr dB μ V/m	Spec dB μ V/m	Margin dB	Polar Ant
1	601.043k	37.8	+0.1	+0.0	+11.3		-40.0	9.2	32.0	-22.8	Paral
2	720.187k	35.7	+0.2	+0.1	+11.5		-40.0	7.5	30.5	-23.0	Perpe
3	490.410k	39.5	+0.1	+0.0	+11.1		-40.0	10.7	33.8	-23.1	Perpe
4	1.112M	30.8	+0.1	+0.1	+11.5		-40.0	2.5	26.7	-24.2	Perpe
5	958.474k	30.7	+0.0	+0.1	+11.5		-40.0	2.3	28.0	-25.7	Paral
6	1.665M	24.4	+0.1	+0.0	+11.4		-40.0	-4.1	23.2	-27.3	Paral

CKC Laboratories, Inc Date: 3/14/2013 Time: 09:43:19 Proteus Digital Health, Inc. WO#: 94175
Test Distance: 3 Meters Sequence#: 124



Test Location: CKC Laboratories, Inc. • 1120 Fulton Places • Fremont, CA 94539 • (510) 249-1170

Customer: **Proteus Digital Health, Inc.**
 Specification: **15.247(d) / 15.209 Radiated Spurious Emissions**
 Work Order #: **94175** Date: 3/13/2013
 Test Type: **Radiated Scan** Time: 21:09:37
 Equipment: **PPM (RP4) Electronics Module** Sequence#: 97
 Manufacturer: Proteus Digital Health, Inc. Tested By: Hieu Song Nguyenpham
 Model: SPC-0175
 S/N: None

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/22/2013	2/22/2015
T1	AN00730	Preamp	8447D	1/17/2013	1/17/2015
T2	AN00852	Biconilog Antenna	CBL 6111C	11/28/2012	11/28/2014
T3	AN00888	Cable	RG213/U	5/21/2012	5/21/2014
T4	ANP05440	Cable	RG214/U	1/21/2013	1/21/2015
T5	ANP01183	Cable	CNT-195	10/24/2011	10/24/2013

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
PPM (RP4) Electronics Module*	Proteus Digital Health, Inc.	SPC-0175	None

Support Devices:

Function	Manufacturer	Model #	S/N
Laptop AC/DC Power Adapter	Dell	D130PE1-00	CN-0JU012-48661-09U-K8GG-A04
Laptop	Dell	Latitude E6500	B76FVL1
USB to TTL Serial Cable-1.8m Wire End Version	FTDI	TTL-232RG-VREG1V8-WE	None
DC power Supply	EZ	GP-4303A	01070038

Test Conditions / Notes:

Radiated Spurious Emission Frequency Range: 30MHz to 1000MHz Temperature: 19.9°C Humidity: 40 % Atmospheric Pressure: 101.9kPa High Clock: 26Mhz Software Used: HCI Lite Transmitter Operation Frequency Range: 2400 - 2483.5 MHz Rate power = +4dBm (nominal) RBW=VBW=120kHz Note: High channel= 2480 MHz at Y axis GFSK is the worst module. Bit Pattern =10101010 Two ferrites (742 700 32) on a cable which connects from the EUT to a DC power supply with one pass through.

Ext Attn: 0 dB

Measurement Data:

Reading listed by margin.

Test Distance: 3 Meters

#	Freq MHz	Rdng dB μ V	T1 T5 dB	T2 dB	T3 dB	T4 dB	Dist Table	Corr dB μ V/m	Spec dB μ V/m	Margin dB	Polar Ant
1	953.294M	28.6	-27.1 +1.0	+23.5	+1.9	+2.1	+0.0	30.0	46.0	-16.0	Vert
2	939.283M	28.7	-27.1 +1.0	+23.3	+1.9	+2.1	+0.0	29.9	46.0	-16.1	Vert
3	922.936M	29.2	-27.1 +0.9	+22.7	+1.9	+2.1	+0.0	29.7	46.0	-16.3	Horiz
4	746.622M	29.9	-26.9 +0.9	+21.8	+1.7	+1.9	+0.0	29.3	46.0	-16.7	Horiz
5	879.149M	28.0	-27.1 +0.9	+23.1	+1.8	+2.1	+0.0	28.8	46.0	-17.2	Horiz
6	834.195M	28.7	-26.9 +0.9	+22.1	+1.8	+2.0	+0.0	28.6	46.0	-17.4	Vert

CKC Laboratories, Inc Date: 3/13/2013 Time: 21:09:37 Proteus Digital Health, Inc. WO#: 94175
Test Distance: 3 Meters Sequence#: 97

