

15.247(d) Conducted Spurious Emissions

Test Data Sheets

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

Customer:	Digital Path	Date:	5/19/2012
Specification:	15.247(d) Conducted Spurious Emissions	Time:	11:41:44 AM
Work Order #:	92682	Sequence#:	78
Test Type:	Conducted Emissions	Tested By:	C. Nicklas
Equipment:	5GHz Tri-Sector (17dBi)		120V 60Hz
Manufacturer:	Digital Path		
Model:	G5RL10T		
S/N:	EMI 1		

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/23/2011	2/23/2013
T1	ANP01183	Cable	CNT-195	10/24/2011	10/24/2013

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
5GHz Tri-Sector (17dBi)*	Digital Path	G5RL10T	EMI 1

Support Devices:

Function	Manufacturer	Model #	S/N
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Test Conditions / Notes:

9kHz-30MHz

Temperature: 22.7°C
 Relative Humidity: 38%
 Atmospheric Pressure: 101.4kPa

LOW Channel, 24 Mbps data rate, 10MHz Channel width.

Ext Attn: 0 dB

Measurement Data:

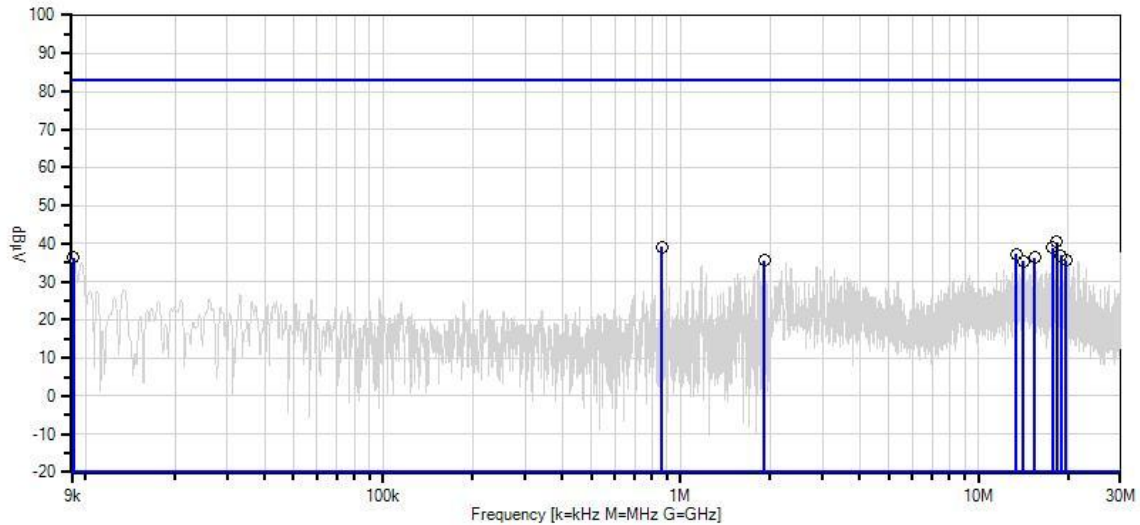
Reading listed by margin.

Test Lead: Chain 0

#	Freq MHz	Rdng dBµV	T1 dB	Dist dB	Corr dB	Spec dBµV	Margin dB	Polar Ant
1	18.303M	40.3	+0.1		+0.0	40.4	83.1	-42.7 Chain
2	865.012k	39.2	+0.0		+0.0	39.2	83.1	-43.9 Chain
3	17.694M	38.9	+0.1		+0.0	39.0	83.1	-44.1 Chain
4	13.418M	37.2	+0.1		+0.0	37.3	83.1	-45.8 Chain
5	18.912M	36.8	+0.1		+0.0	36.9	83.1	-46.2 Chain

6	9.140k	36.4	+0.0	+0.0	36.4	83.1	-46.7	Chain
7	15.434M	36.3	+0.1	+0.0	36.4	83.1	-46.7	Chain
8	1.910M	35.7	+0.0	+0.0	35.7	83.1	-47.4	Chain
9	19.706M	35.6	+0.1	+0.0	35.7	83.1	-47.4	Chain
10	14.153M	35.4	+0.1	+0.0	35.5	83.1	-47.6	Chain

CKC Laboratories, Inc. Date: 5/19/2012 Time: 11:41:44 AM Digital Path WO#: 92682
 15.247(d) Conducted Spurious Emissions Test Lead: Chain 0 120V 60Hz Sequence#: 78 Chain 0
 LO Channel, 24 Mbps data rate, 10MHz Channel width.



- Sweep Data
- Peak Readings
- * Average Readings
- 1 - 15.247(d) Conducted Spurious Emissions
- Readings
- × QP Readings
- ▼ Ambient

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

Customer: **Digital Path**
 Specification: **15.247(d) Conducted Spurious Emissions**
 Work Order #: **92682** Date: 5/19/2012
 Test Type: **Conducted Emissions** Time: 11:43:45 AM
 Equipment: **5GHz Tri-Sector (17dBi)** Sequence#: 79
 Manufacturer: Digital Path Tested By: C. Nicklas
 Model: G5RL10T 120V 60Hz
 S/N: EMI 1

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/23/2011	2/23/2013
T1	ANP01183	Cable	CNT-195	10/24/2011	10/24/2013

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
5GHz Tri-Sector (17dBi)*	Digital Path	G5RL10T	EMI 1

Support Devices:

Function	Manufacturer	Model #	S/N
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Test Conditions / Notes:

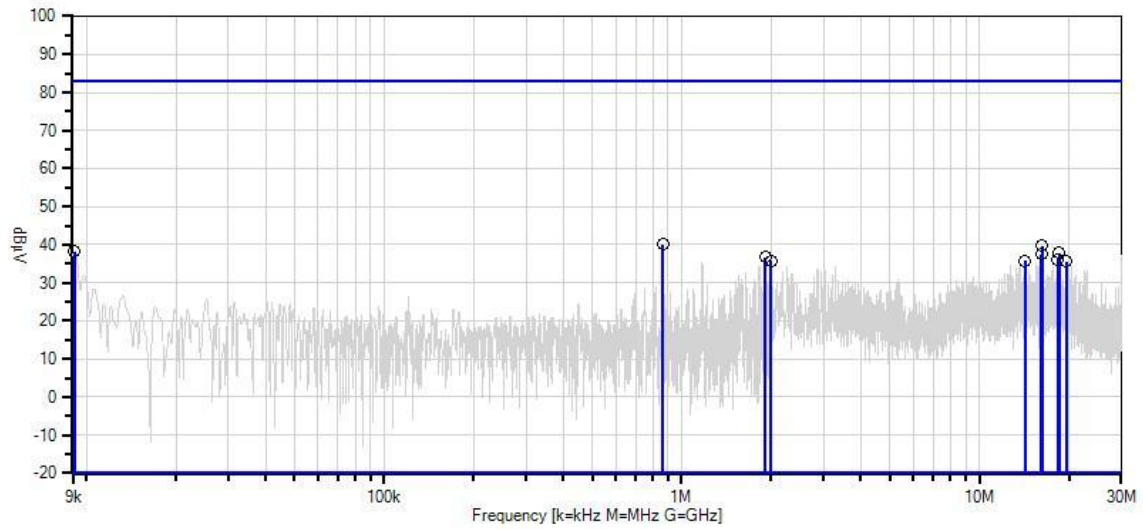
9kHz-30MHz
 Temperature: 22.7°C
 Relative Humidity: 38%
 Atmospheric Pressure: 101.4kPa
 MID Channel, 24 Mbps data rate, 10MHz Channel width.

Ext Attn: 0 dB

Measurement Data: Reading listed by margin. Test Lead: Chain 0

#	Freq MHz	Rdng dBμV	T1 dB	dB	dB	dB	Dist Table	Corr dBμV	Spec dBμV	Margin dB	Polar Ant
1	865.012k	40.1	+0.0				+0.0	40.1	83.1	-43.0	Chain
2	16.228M	39.6	+0.1				+0.0	39.7	83.1	-43.4	Chain
3	9.124k	38.2	+0.0				+0.0	38.2	83.1	-44.9	Chain
4	18.488M	37.7	+0.1				+0.0	37.8	83.1	-45.3	Chain
5	16.165M	37.3	+0.1				+0.0	37.4	83.1	-45.7	Chain
6	1.911M	36.7	+0.0				+0.0	36.7	83.1	-46.4	Chain
7	18.366M	36.0	+0.1				+0.0	36.1	83.1	-47.0	Chain
8	2.000M	35.8	+0.0				+0.0	35.8	83.1	-47.3	Chain
9	14.209M	35.7	+0.1				+0.0	35.8	83.1	-47.3	Chain
10	19.587M	35.5	+0.1				+0.0	35.6	83.1	-47.5	Chain

CKC Laboratories, Inc. Date: 5/19/2012 Time: 11:43:45 AM Digital Path WO#: 92682
 15.247(d) Conducted Spurious Emissions Test Lead: Chain 0 120V 60Hz Sequence#: 79 Chain 0
 MID Channel, 24 Mbps data rate, 10MHz Channel width.



- Sweep Data
- Peak Readings
- * Average Readings
- 1 - 15.247(d) Conducted Spurious Emissions
- Readings
- × QP Readings
- ▼ Ambient

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

Customer: **Digital Path**
 Specification: **15.247(d) Conducted Spurious Emissions**
 Work Order #: **92682** Date: 5/19/2012
 Test Type: **Conducted Emissions** Time: 11:47:05 AM
 Equipment: **5GHz Tri-Sector (17dBi)** Sequence#: 80
 Manufacturer: Digital Path Tested By: C. Nicklas
 Model: G5RL10T 120V 60Hz
 S/N: EMI 1

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/23/2011	2/23/2013
T1	ANP01183	Cable	CNT-195	10/24/2011	10/24/2013

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
5GHz Tri-Sector (17dBi)*	Digital Path	G5RL10T	EMI 1

Support Devices:

Function	Manufacturer	Model #	S/N
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Test Conditions / Notes:

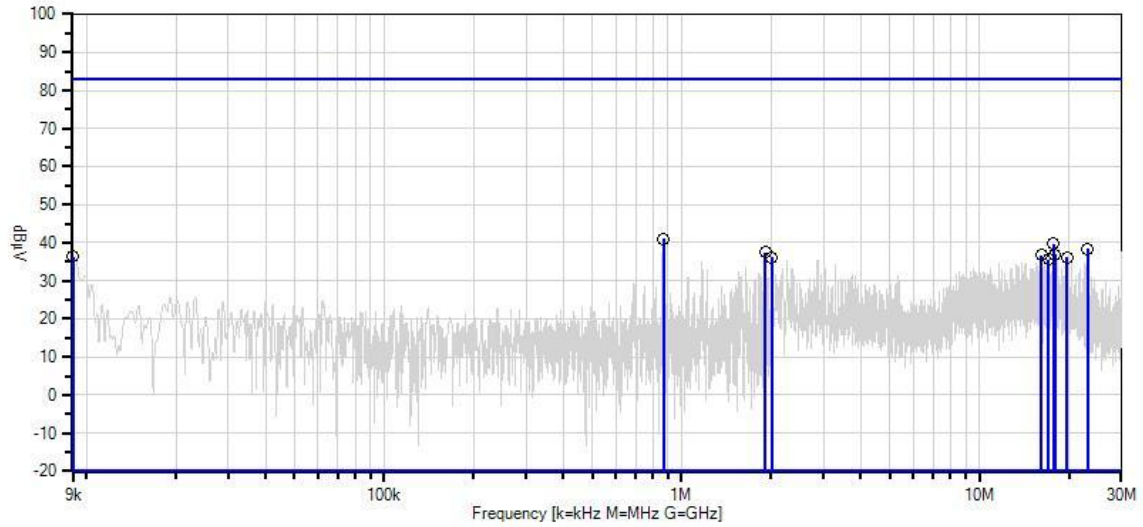
9kHz-30MHz
 Temperature: 22.7°C
 Relative Humidity: 38%
 Atmospheric Pressure: 101.4kPa
 HIGH Channel, 24 Mbps data rate, 10MHz Channel width.

Ext Attn: 0 dB

Measurement Data: Reading listed by margin. Test Lead: Chain 0

#	Freq MHz	Rdng dBμV	T1 dB	dB	dB	dB	Dist Table	Corr dBμV	Spec dBμV	Margin dB	Polar Ant
1	866.886k	41.1	+0.0				+0.0	41.1	83.1	-42.0	Chain
2	17.694M	39.6	+0.1				+0.0	39.7	83.1	-43.4	Chain
3	23.128M	38.3	+0.1				+0.0	38.4	83.1	-44.7	Chain
4	1.912M	37.4	+0.0				+0.0	37.4	83.1	-45.7	Chain
5	17.939M	36.8	+0.1				+0.0	36.9	83.1	-46.2	Chain
6	16.165M	36.6	+0.1				+0.0	36.7	83.1	-46.4	Chain
7	9.015k	36.3	+0.0				+0.0	36.3	83.1	-46.8	Chain
8	2.001M	36.1	+0.0				+0.0	36.1	83.1	-47.0	Chain
9	19.710M	36.0	+0.1				+0.0	36.1	83.1	-47.0	Chain
10	17.082M	35.5	+0.1				+0.0	35.6	83.1	-47.5	Chain

CKC Laboratories, Inc. Date: 5/19/2012 Time: 11:47:05 AM Digital Path WO#: 92682
 15.247(d) Conducted Spurious Emissions Test Lead: Chain 0 120V 60Hz Sequence#: 80 Chain 0
 HI Channel, 24 Mbps data rate, 10MHz Channel width.



- Sweep Data
- Peak Readings
- * Average Readings
- 1 - 15.247(d) Conducted Spurious Emissions
- Readings
- × QP Readings
- ▼ Ambient

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

Customer: **Digital Path**
 Specification: **15.247(d) Conducted Spurious Emissions**
 Work Order #: **92682** Date: 5/19/2012
 Test Type: **Conducted Emissions** Time: 11:56:01 AM
 Equipment: **5GHz Tri-Sector (17dBi)** Sequence#: 83
 Manufacturer: Digital Path Tested By: C. Nicklas
 Model: G5RL10T 120V 60Hz
 S/N: EMI 1

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/23/2011	2/23/2013
T1	ANP01183	Cable	CNT-195	10/24/2011	10/24/2013

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
5GHz Tri-Sector (17dBi)*	Digital Path	G5RL10T	EMI 1

Support Devices:

Function	Manufacturer	Model #	S/N
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Test Conditions / Notes:

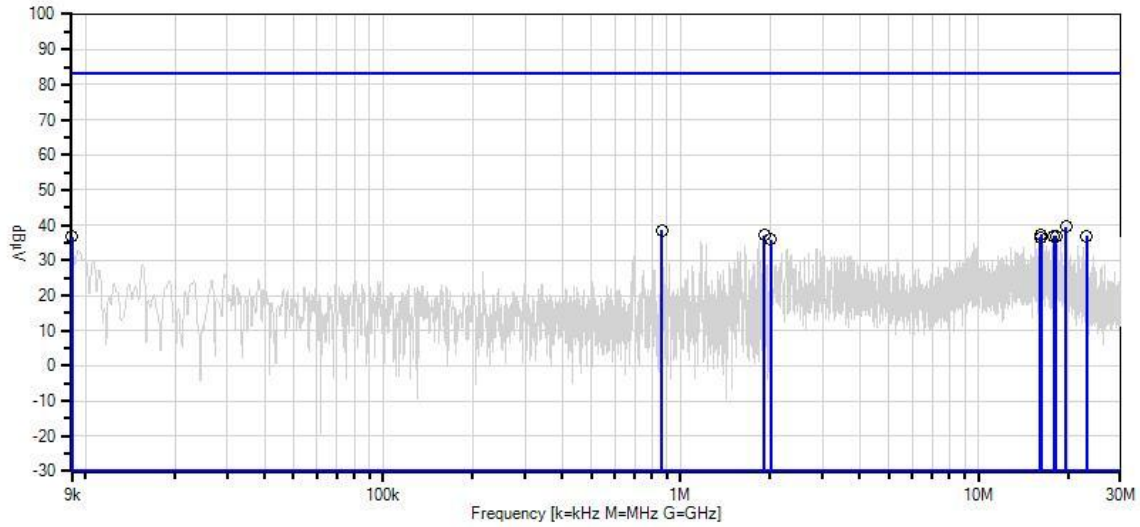
9kHz-30MHz
 Temperature: 22.7°C
 Relative Humidity: 38%
 Atmospheric Pressure: 101.4kPa
 LOW Channel, 13 MCS HT202S data rate, 10MHz Channel width.

Ext Attn: 0 dB

Measurement Data: Reading listed by margin. Test Lead: Chain 0

#	Freq MHz	Rdng dBμV	T1 dB	dB	dB	Dist Table	Corr dBμV	Spec dBμV	Margin dB	Polar Ant
1	19.710M	39.4	+0.1			+0.0	39.5	83.1	-43.6	Chain
2	863.607k	38.5	+0.0			+0.0	38.5	83.1	-44.6	Chain
3	16.228M	37.3	+0.1			+0.0	37.4	83.1	-45.7	Chain
4	1.913M	37.1	+0.0			+0.0	37.1	83.1	-46.0	Chain
5	23.128M	36.9	+0.1			+0.0	37.0	83.1	-46.1	Chain
6	17.939M	36.8	+0.1			+0.0	36.9	83.1	-46.2	Chain
7	18.243M	36.8	+0.1			+0.0	36.9	83.1	-46.2	Chain
8	9.015k	36.7	+0.0			+0.0	36.7	83.1	-46.4	Chain
9	16.165M	36.5	+0.1			+0.0	36.6	83.1	-46.5	Chain
10	2.001M	36.0	+0.0			+0.0	36.0	83.1	-47.1	Chain

CKC Laboratories, Inc. Date: 5/19/2012 Time: 11:56:01 AM Digital Path WO#: 92682
 15.247(d) Conducted Spurious Emissions Test Lead: Chain 0 120V 60Hz Sequence#: 83 Chain 0
 LO Channel, 13 MCS HT202S data rate, 10MHz Channel width.



- Sweep Data
- Peak Readings
- * Average Readings
- 1 - 15.247(d) Conducted Spurious Emissions
- Readings
- × QP Readings
- ▼ Ambient

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

Customer: **Digital Path**
 Specification: **15.247(d) Conducted Spurious Emissions**
 Work Order #: **92682** Date: 5/19/2012
 Test Type: **Conducted Emissions** Time: 11:53:53 AM
 Equipment: **5GHz Tri-Sector (17dBi)** Sequence#: 82
 Manufacturer: Digital Path Tested By: C. Nicklas
 Model: G5RL10T 120V 60Hz
 S/N: EMI 1

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/23/2011	2/23/2013
T1	ANP01183	Cable	CNT-195	10/24/2011	10/24/2013

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
5GHz Tri-Sector (17dBi)*	Digital Path	G5RL10T	EMI 1

Support Devices:

Function	Manufacturer	Model #	S/N
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Test Conditions / Notes:

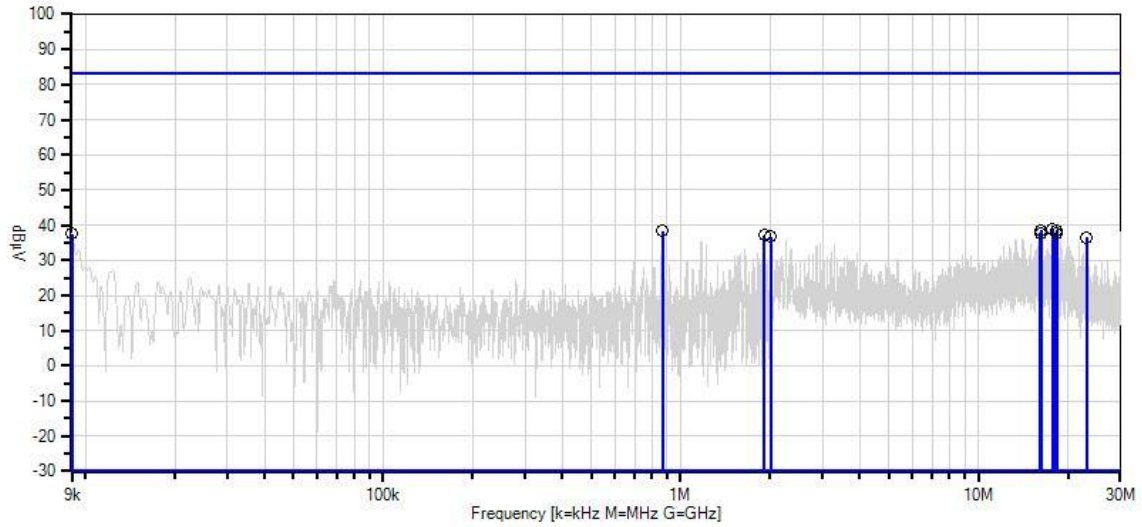
9kHz-30MHz
 Temperature: 22.7°C
 Relative Humidity: 38%
 Atmospheric Pressure: 101.4kPa
 MID Channel, 13 MCS HT202S data rate, 10MHz Channel width.

Ext Attn: 0 dB

Measurement Data: Reading listed by margin. Test Lead: Chain 0

#	Freq MHz	Rdng dBμV	T1 dB	dB	dB	dB	Dist Table	Corr dBμV	Spec dBμV	Margin dB	Polar Ant
1	17.694M	38.8	+0.1				+0.0	38.9	83.1	-44.2	Chain
2	18.303M	38.5	+0.1				+0.0	38.6	83.1	-44.5	Chain
3	16.225M	38.4	+0.1				+0.0	38.5	83.1	-44.6	Chain
4	868.526k	38.3	+0.0				+0.0	38.3	83.1	-44.8	Chain
5	16.169M	37.6	+0.1				+0.0	37.7	83.1	-45.4	Chain
6	9.015k	37.6	+0.0				+0.0	37.6	83.1	-45.5	Chain
7	18.240M	37.5	+0.1				+0.0	37.6	83.1	-45.5	Chain
8	1.912M	37.2	+0.0				+0.0	37.2	83.1	-45.9	Chain
9	2.001M	36.7	+0.0				+0.0	36.7	83.1	-46.4	Chain
10	23.128M	36.5	+0.1				+0.0	36.6	83.1	-46.5	Chain

CKC Laboratories, Inc. Date: 5/19/2012 Time: 11:53:53 AM Digital Path WO#: 92682
 15.247(d) Conducted Spurious Emissions Test Lead: Chain 0 120V 60Hz Sequence#: 82 Chain 0
 MID Channel, 13 MCS HT202S data rate, 10MHz Channel width.



- Sweep Data
- Peak Readings
- * Average Readings
- 1 - 15.247(d) Conducted Spurious Emissions
- Readings
- × QP Readings
- ▼ Ambient

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

Customer: **Digital Path**
 Specification: **15.247(d) Conducted Spurious Emissions**
 Work Order #: **92682** Date: 5/19/2012
 Test Type: **Conducted Emissions** Time: 11:50:22 AM
 Equipment: **5GHz Tri-Sector (17dBi)** Sequence#: 81
 Manufacturer: Digital Path Tested By: C. Nicklas
 Model: G5RL10T 120V 60Hz
 S/N: EMI 1

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/23/2011	2/23/2013
T1	ANP01183	Cable	CNT-195	10/24/2011	10/24/2013

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
5GHz Tri-Sector (17dBi)*	Digital Path	G5RL10T	EMI 1

Support Devices:

Function	Manufacturer	Model #	S/N
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Test Conditions / Notes:

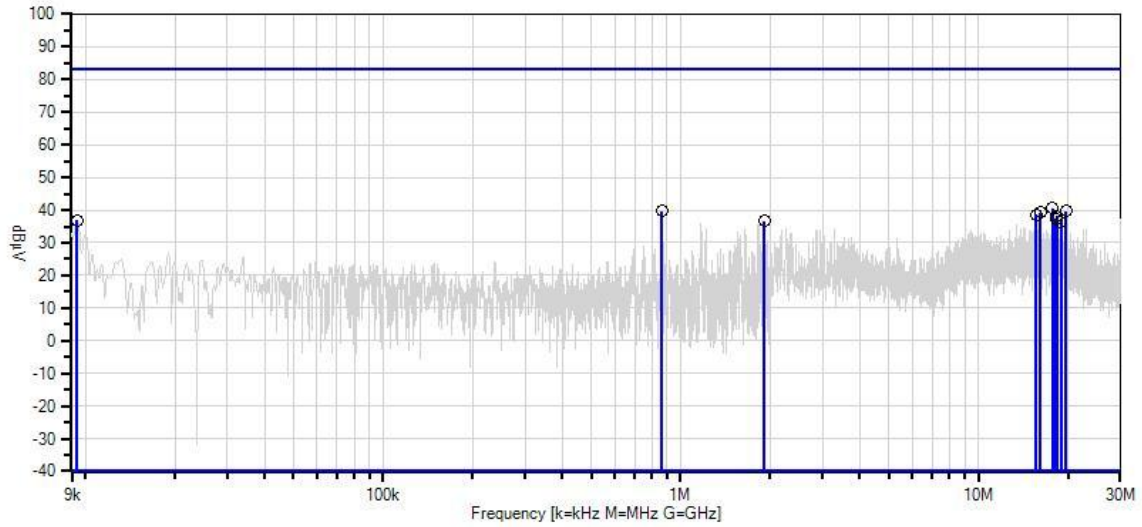
9kHz-30MHz
 Temperature: 22.7°C
 Relative Humidity: 38%
 Atmospheric Pressure: 101.4kPa
 HIGH Channel, 13 MCS HT202S data rate, 10MHz Channel width.

Ext Attn: 0 dB

Measurement Data: Reading listed by margin. Test Lead: Chain 0

#	Freq MHz	Rdng dBμV	T1 dB	dB	dB	dB	Dist Table	Corr dBμV	Spec dBμV	Margin dB	Polar Ant
1	17.694M	40.5	+0.1				+0.0	40.6	83.1	-42.5	Chain
2	19.706M	39.7	+0.1				+0.0	39.8	83.1	-43.3	Chain
3	865.715k	39.6	+0.0				+0.0	39.6	83.1	-43.5	Chain
4	16.169M	39.2	+0.1				+0.0	39.3	83.1	-43.8	Chain
5	15.616M	38.6	+0.1				+0.0	38.7	83.1	-44.4	Chain
6	18.306M	38.0	+0.1				+0.0	38.1	83.1	-45.0	Chain
7	18.243M	37.2	+0.1				+0.0	37.3	83.1	-45.8	Chain
8	9.360k	36.9	+0.0				+0.0	36.9	83.1	-46.2	Chain
9	1.912M	36.6	+0.0				+0.0	36.6	83.1	-46.5	Chain
10	18.912M	36.3	+0.1				+0.0	36.4	83.1	-46.7	Chain

CKC Laboratories, Inc. Date: 5/19/2012 Time: 11:50:22 AM Digital Path WO#: 92682
 15.247(d) Conducted Spurious Emissions Test Lead: Chain 0 120V 60Hz Sequence#: 81 Chain 0
 HI Channel, 13 MCS HT202S data rate, 10MHz Channel width.



- Sweep Data
- Peak Readings
- * Average Readings
- 1 - 15.247(d) Conducted Spurious Emissions
- Readings
- × QP Readings
- ▼ Ambient

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

Customer: **Digital Path**
 Specification: **15.247(d) Conducted Spurious Emissions**
 Work Order #: **92682** Date: 5/19/2012
 Test Type: **Conducted Emissions** Time: 9:26:27 AM
 Equipment: **5GHz Tri-Sector (17dBi)** Sequence#: 60
 Manufacturer: Digital Path Tested By: C. Nicklas
 Model: G5RL10T 120V 60Hz
 S/N: EMI 1

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/23/2011	2/23/2013
T1	ANP05935	Attenuator	84A-10	10/19/2011	10/19/2013
T2	ANP05843	Cable	32022-2-29094K-48TC	7/30/2010	7/30/2012

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
5GHz Tri-Sector (17dBi)*	Digital Path	G5RL10T	EMI 1

Support Devices:

Function	Manufacturer	Model #	S/N
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Test Conditions / Notes:

30-5725MHz
 Temperature: 21.7°C
 Relative Humidity: 38%
 Atmospheric Pressure: 101.4kPa
 LOW Channel, 24 Mbps data rate, 10MHz Channel width.

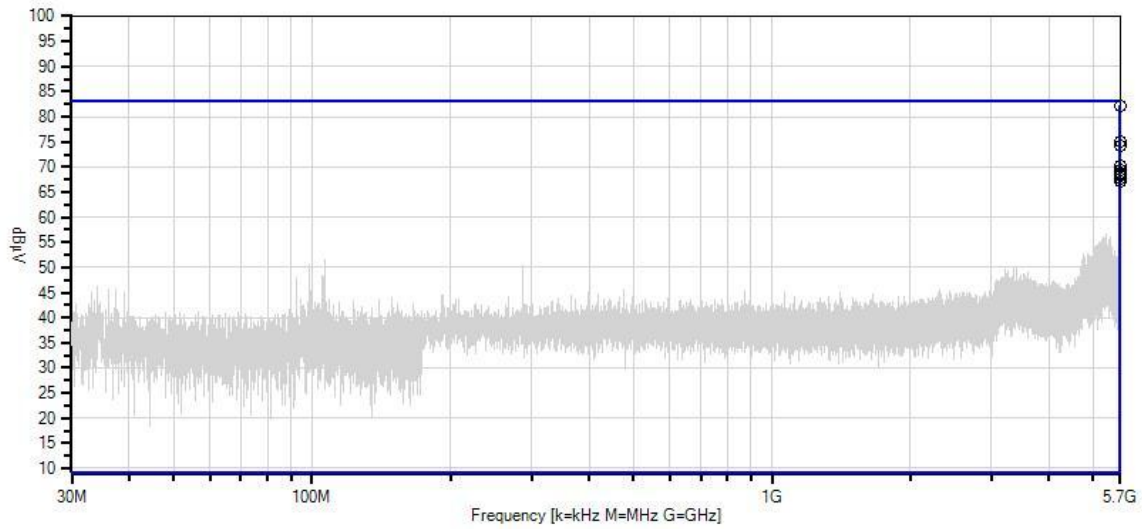
Ext Attn: 0 dB

Measurement Data: Reading listed by margin. Test Lead: Chain 0

#	Freq MHz	Rdng dBμV	T1 dB	T2 dB	Dist Table dB	Corr dBμV	Spec dBμV	Margin dB	Polar Ant
1	5724.718M	71.3	+9.8	+1.1	+0.0	82.2	83.1	-0.9	Chain
2	5723.872M	64.2	+9.8	+1.1	+0.0	75.1	83.1	-8.0	Chain
3	5723.497M	63.2	+9.8	+1.1	+0.0	74.1	83.1	-9.0	Chain
4	5721.617M	59.3	+9.8	+1.1	+0.0	70.2	83.1	-12.9	Chain
5	5722.369M	58.5	+9.8	+1.1	+0.0	69.4	83.1	-13.7	Chain
6	5722.087M	57.9	+9.8	+1.1	+0.0	68.8	83.1	-14.3	Chain
7	5721.805M	57.5	+9.8	+1.1	+0.0	68.4	83.1	-14.7	Chain

8	5718.987M	57.4	+9.8	+1.1	+0.0	68.3	83.1	-14.8	Chain
9	5717.577M	56.8	+9.8	+1.1	+0.0	67.7	83.1	-15.4	Chain
10	5717.295M	56.1	+9.8	+1.1	+0.0	67.0	83.1	-16.1	Chain

CKC Laboratories, Inc. Date: 5/19/2012 Time: 9:26:27 AM Digital Path WO#: 92682
 15.247(d) Conducted Spurious Emissions Test Lead: Chain 0 120V 60Hz Sequence#: 60 Chain 0
 LO Channel, 24 Mbps data rate, 10MHz Channel width.



- Sweep Data
- Peak Readings
- * Average Readings
- Readings
- × QP Readings
- ▼ Ambient
- 1 - 15.247(d) Conducted Spurious Emissions

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

Customer: **Digital Path**
 Specification: **15.247(d) Conducted Spurious Emissions**
 Work Order #: **92682** Date: 5/19/2012
 Test Type: **Conducted Emissions** Time: 9:36:37 AM
 Equipment: **5GHz Tri-Sector (17dBi)** Sequence#: 61
 Manufacturer: Digital Path Tested By: C. Nicklas
 Model: G5RL10T 120V 60Hz
 S/N: EMI 1

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/23/2011	2/23/2013
T1	ANP05935	Attenuator	84A-10	10/19/2011	10/19/2013
T2	ANP05843	Cable	32022-2-29094K-48TC	7/30/2010	7/30/2012

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
5GHz Tri-Sector (17dBi)*	Digital Path	G5RL10T	EMI 1

Support Devices:

Function	Manufacturer	Model #	S/N
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Test Conditions / Notes:

30-5725MHz
 Temperature: 21.7°C
 Relative Humidity: 38%
 Atmospheric Pressure: 101.4kPa
 MID Channel, 24 Mbps data rate, 10MHz Channel width.

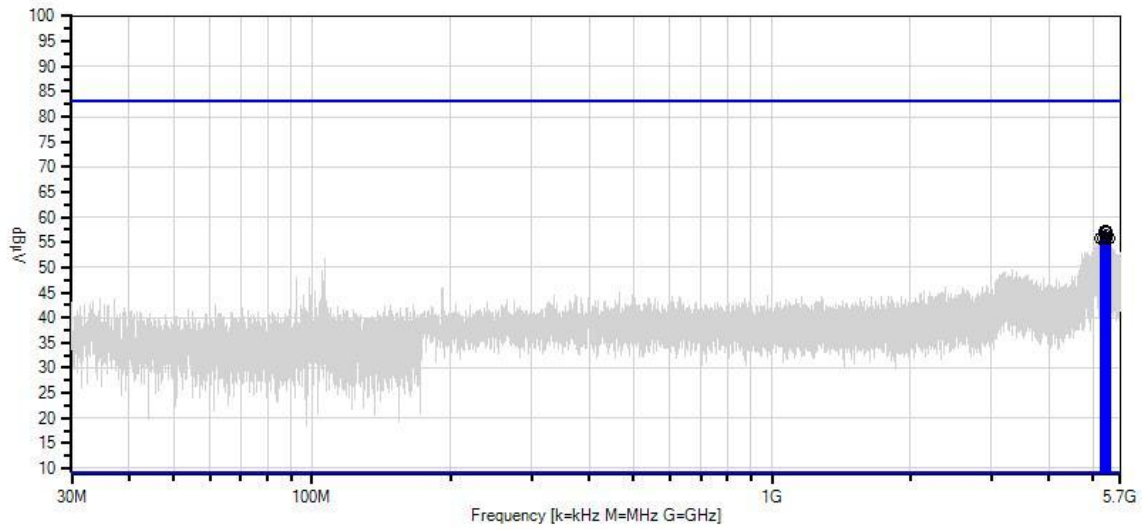
Ext Attn: 0 dB

Measurement Data: Reading listed by margin. Test Lead: Chain 0

#	Freq MHz	Rdng dBμV	T1 dB	T2 dB	dB	Dist Table	Corr dBμV	Spec dBμV	Margin dB	Polar Ant
1	5326.703M	46.4	+9.8	+1.1		+0.0	57.3	83.1	-25.8	Chain
2	5301.240M	46.2	+9.8	+1.1		+0.0	57.1	83.1	-26.0	Chain
3	5330.273M	46.1	+9.8	+1.1		+0.0	57.0	83.1	-26.1	Chain
4	5328.394M	45.5	+9.8	+1.1		+0.0	56.4	83.1	-26.7	Chain
5	5408.730M	44.9	+9.8	+1.1		+0.0	55.8	83.1	-27.3	Chain
6	5321.535M	44.9	+9.8	+1.1		+0.0	55.8	83.1	-27.3	Chain
7	5267.508M	44.8	+9.8	+1.1		+0.0	55.7	83.1	-27.4	Chain

8	5182.474M	44.8	+9.8	+1.1	+0.0	55.7	83.1	-27.4	Chain
9	5348.220M	44.8	+9.8	+1.1	+0.0	55.7	83.1	-27.4	Chain
10	5346.341M	44.8	+9.8	+1.1	+0.0	55.7	83.1	-27.4	Chain

CKC Laboratories, Inc. Date: 5/19/2012 Time: 9:36:37 AM Digital Path WO#: 92682
 15.247(d) Conducted Spurious Emissions Test Lead: Chain 0 120V 60Hz Sequence#: 61 Chain 0
 MID Channel, 24 Mbps data rate, 10MHz Channel width.



- Sweep Data
- Peak Readings
- * Average Readings
- Readings
- × QP Readings
- ▼ Ambient
- 1 - 15.247(d) Conducted Spurious Emissions

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

Customer: **Digital Path**
 Specification: **15.247(d) Conducted Spurious Emissions**
 Work Order #: **92682** Date: 5/19/2012
 Test Type: **Conducted Emissions** Time: 9:42:59 AM
 Equipment: **5GHz Tri-Sector (17dBi)** Sequence#: 62
 Manufacturer: Digital Path Tested By: C. Nicklas
 Model: G5RL10T 120V 60Hz
 S/N: EMI 1

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/23/2011	2/23/2013
T1	ANP05935	Attenuator	84A-10	10/19/2011	10/19/2013
T2	ANP05843	Cable	32022-2-29094K-48TC	7/30/2010	7/30/2012

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
5GHz Tri-Sector (17dBi)*	Digital Path	G5RL10T	EMI 1

Support Devices:

Function	Manufacturer	Model #	S/N
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Test Conditions / Notes:

30-5725MHz
 Temperature: 21.7°C
 Relative Humidity: 38%
 Atmospheric Pressure: 101.4kPa
 HIGH Channel, 24 Mbps data rate, 10MHz Channel width.

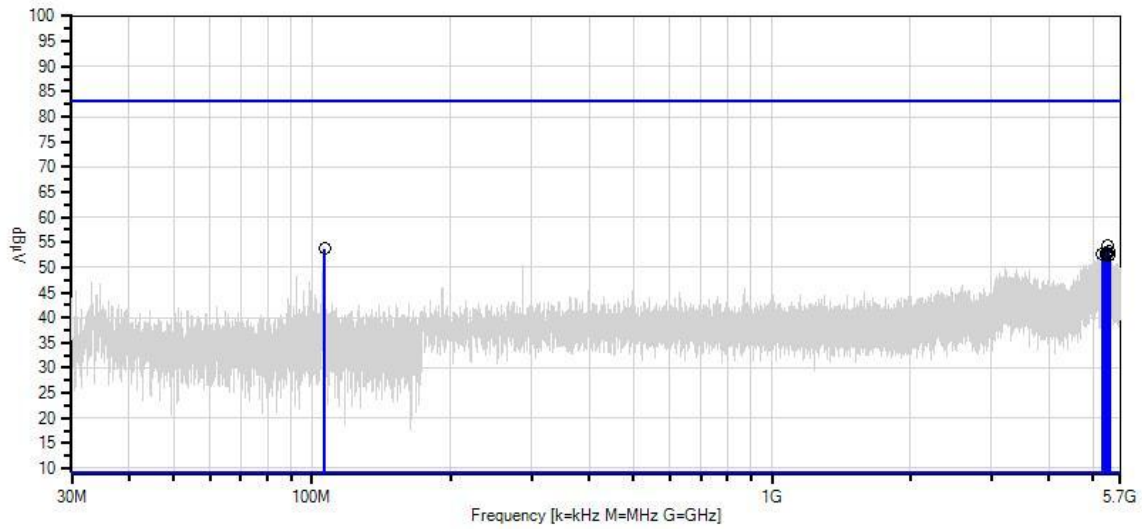
Ext Attn: 0 dB

Measurement Data: Reading listed by margin. Test Lead: Chain 0

#	Freq MHz	Rdng dBμV	T1 dB	T2 dB	dB	Dist Table	Corr dBμV	Spec dBμV	Margin dB	Polar Ant
1	5361.844M	43.4	+9.8	+1.1		+0.0	54.3	83.1	-28.8	Chain
2	106.426M	43.9	+9.6	+0.2		+0.0	53.7	83.1	-29.4	Chain
3	5391.535M	42.2	+9.8	+1.1		+0.0	53.1	83.1	-30.0	Chain
4	5314.864M	42.0	+9.8	+1.1		+0.0	52.9	83.1	-30.2	Chain
5	5349.723M	41.8	+9.8	+1.1		+0.0	52.7	83.1	-30.4	Chain
6	5226.823M	41.8	+9.8	+1.1		+0.0	52.7	83.1	-30.4	Chain
7	5319.374M	41.7	+9.8	+1.1		+0.0	52.6	83.1	-30.5	Chain

8	5330.085M	41.7	+9.8	+1.1	+0.0	52.6	83.1	-30.5	Chain
9	5346.716M	41.6	+9.8	+1.1	+0.0	52.5	83.1	-30.6	Chain
10	5421.321M	41.5	+9.8	+1.1	+0.0	52.4	83.1	-30.7	Chain

CKC Laboratories, Inc. Date: 5/19/2012 Time: 9:42:59 AM Digital Path WO#: 92682
 15.247(d) Conducted Spurious Emissions Test Lead: Chain 0 120V 60Hz Sequence#: 62 Chain 0
 HI Channel, 24 Mbps data rate, 10MHz Channel width.



- Sweep Data
- Peak Readings
- * Average Readings
- Readings
- × QP Readings
- ▼ Ambient
- 1 - 15.247(d) Conducted Spurious Emissions

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

Customer: **Digital Path**
 Specification: **15.247(d) Conducted Spurious Emissions**
 Work Order #: **92682** Date: 5/19/2012
 Test Type: **Conducted Emissions** Time: 9:58:59 AM
 Equipment: **5GHz Tri-Sector (17dBi)** Sequence#: 65
 Manufacturer: Digital Path Tested By: C. Nicklas
 Model: G5RL10T 120V 60Hz
 S/N: EMI 1

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/23/2011	2/23/2013
T1	ANP05935	Attenuator	84A-10	10/19/2011	10/19/2013
T2	ANP05843	Cable	32022-2-29094K-48TC	7/30/2010	7/30/2012

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
5GHz Tri-Sector (17dBi)*	Digital Path	G5RL10T	EMI 1

Support Devices:

Function	Manufacturer	Model #	S/N
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Test Conditions / Notes:

30-5725MHz
 Temperature: 22.2°C
 Relative Humidity: 38%
 Atmospheric Pressure: 101.4kPa
 LOW Channel, 13 MCS HT202S data rate, 10MHz Channel width.

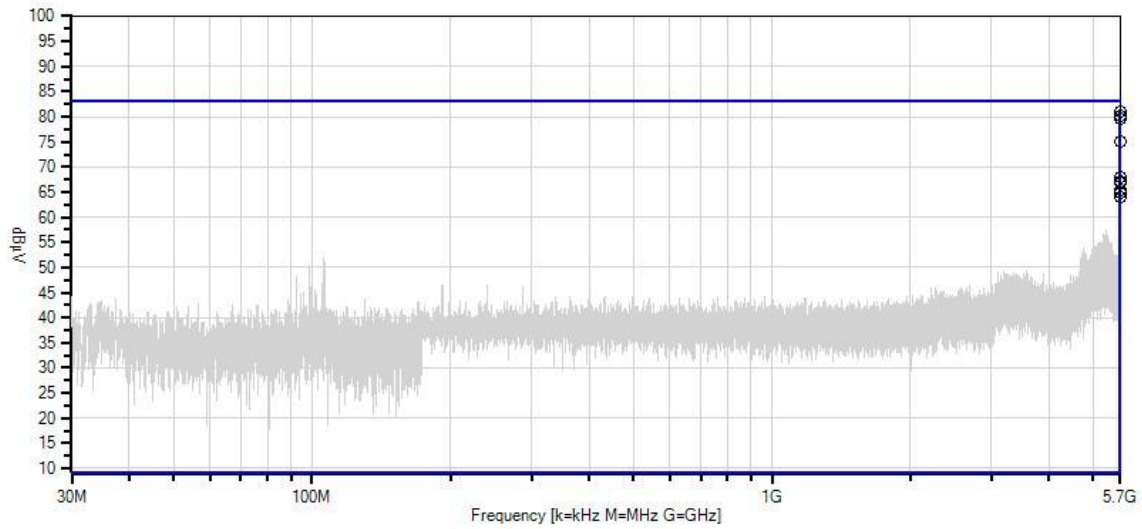
Ext Attn: 0 dB

Measurement Data: Reading listed by margin. Test Lead: Chain 0

#	Freq MHz	Rdng dBμV	T1 dB	T2 dB	dB	Dist Table	Corr dBμV	Spec dBμV	Margin dB	Polar Ant
1	5724.154M	70.2	+9.8	+1.1		+0.0	81.1	83.1	-2.0	Chain
2	5723.685M	69.2	+9.8	+1.1		+0.0	80.1	83.1	-3.0	Chain
3	5723.309M	68.8	+9.8	+1.1		+0.0	79.7	83.1	-3.4	Chain
4	5722.557M	64.1	+9.8	+1.1		+0.0	75.0	83.1	-8.1	Chain
5	5719.550M	57.0	+9.8	+1.1		+0.0	67.9	83.1	-15.2	Chain
6	5715.886M	56.1	+9.8	+1.1		+0.0	67.0	83.1	-16.1	Chain
7	5717.671M	55.9	+9.8	+1.1		+0.0	66.8	83.1	-16.3	Chain

8	5716.450M	54.6	+9.8	+1.1	+0.0	65.5	83.1	-17.6	Chain
9	5714.758M	54.0	+9.8	+1.1	+0.0	64.9	83.1	-18.2	Chain
10	5714.383M	53.1	+9.8	+1.1	+0.0	64.0	83.1	-19.1	Chain

CKC Laboratories, Inc. Date: 5/19/2012 Time: 9:58:59 AM Digital Path WO#: 92682
 15.247(d) Conducted Spurious Emissions Test Lead: Chain 0 120V 60Hz Sequence#: 65 Chain 0
 LO Channel, 13 MCS HT202S data rate, 10MHz Channel width.



- Sweep Data
- Peak Readings
- * Average Readings
- Readings
- × QP Readings
- ▼ Ambient
- 1 - 15.247(d) Conducted Spurious Emissions

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

Customer: **Digital Path**
 Specification: **15.247(d) Conducted Spurious Emissions**
 Work Order #: **92682** Date: 5/19/2012
 Test Type: **Conducted Emissions** Time: 9:53:41 AM
 Equipment: **5GHz Tri-Sector (17dBi)** Sequence#: 64
 Manufacturer: Digital Path Tested By: C. Nicklas
 Model: G5RL10T 120V 60Hz
 S/N: EMI 1

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/23/2011	2/23/2013
T1	ANP05935	Attenuator	84A-10	10/19/2011	10/19/2013
T2	ANP05843	Cable	32022-2-29094K-48TC	7/30/2010	7/30/2012

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
5GHz Tri-Sector (17dBi)*	Digital Path	G5RL10T	EMI 1

Support Devices:

Function	Manufacturer	Model #	S/N
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Test Conditions / Notes:

30-5725MHz
 Temperature: 22.2°C
 Relative Humidity: 38%
 Atmospheric Pressure: 101.4kPa
 MID Channel, 13 MCS HT202S data rate, 10MHz Channel width.

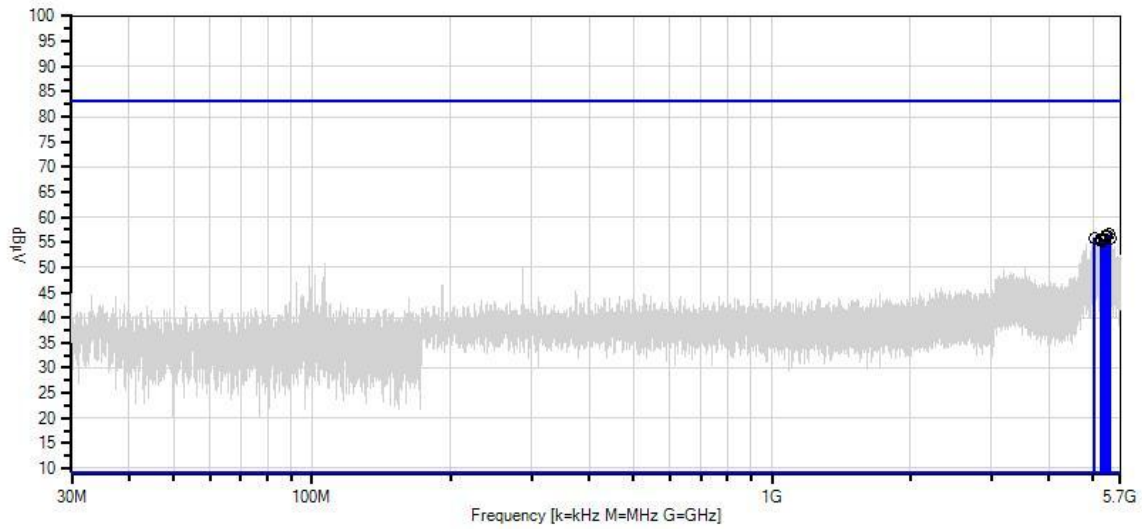
Ext Attn: 0 dB

Measurement Data: Reading listed by margin. Test Lead: Chain 0

#	Freq MHz	Rdng dB μ V	T1 dB	T2 dB	dB	Dist Table	Corr dB μ V	Spec dB μ V	Margin dB	Polar Ant
1	5424.985M	45.6	+9.8	+1.1		+0.0	56.5	83.1	-26.6	Chain
2	5342.206M	45.4	+9.8	+1.1		+0.0	56.3	83.1	-26.8	Chain
3	5330.179M	45.2	+9.8	+1.1		+0.0	56.1	83.1	-27.0	Chain
4	5319.374M	45.1	+9.8	+1.1		+0.0	56.0	83.1	-27.1	Chain
5	5443.777M	45.0	+9.8	+1.1		+0.0	55.9	83.1	-27.2	Chain
6	5030.165M	45.0	+9.8	+1.1		+0.0	55.9	83.1	-27.2	Chain
7	5187.078M	44.7	+9.8	+1.1		+0.0	55.6	83.1	-27.5	Chain

8	5227.011M	44.5	+9.8	+1.1	+0.0	55.4	83.1	-27.7	Chain
9	5300.582M	44.5	+9.8	+1.1	+0.0	55.4	83.1	-27.7	Chain
10	5213.481M	44.4	+9.8	+1.1	+0.0	55.3	83.1	-27.8	Chain

CKC Laboratories, Inc. Date: 5/19/2012 Time: 9:53:41 AM Digital Path WO#: 92682
 15.247(d) Conducted Spurious Emissions Test Lead: Chain 0 120V 60Hz Sequence#: 64 Chain 0
 MID Channel, 13 MCS HT202S data rate, 10MHz Channel width.



- Sweep Data
- Peak Readings
- * Average Readings
- Readings
- × QP Readings
- ▼ Ambient
- 1 - 15.247(d) Conducted Spurious Emissions

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

Customer: **Digital Path**
 Specification: **15.247(d) Conducted Spurious Emissions**
 Work Order #: **92682** Date: 5/19/2012
 Test Type: **Conducted Emissions** Time: 9:48:01 AM
 Equipment: **5GHz Tri-Sector (17dBi)** Sequence#: 63
 Manufacturer: Digital Path Tested By: C. Nicklas
 Model: G5RL10T 120V 60Hz
 S/N: EMI 1

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/23/2011	2/23/2013
T1	ANP05935	Attenuator	84A-10	10/19/2011	10/19/2013
T2	ANP05843	Cable	32022-2-29094K-48TC	7/30/2010	7/30/2012

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
5GHz Tri-Sector (17dBi)*	Digital Path	G5RL10T	EMI 1

Support Devices:

Function	Manufacturer	Model #	S/N
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Test Conditions / Notes:

30-5725MHz
 Temperature: 22.2°C
 Relative Humidity: 38%
 Atmospheric Pressure: 101.4kPa
 HIGH Channel, 13 MCS HT202S data rate, 10MHz Channel width.

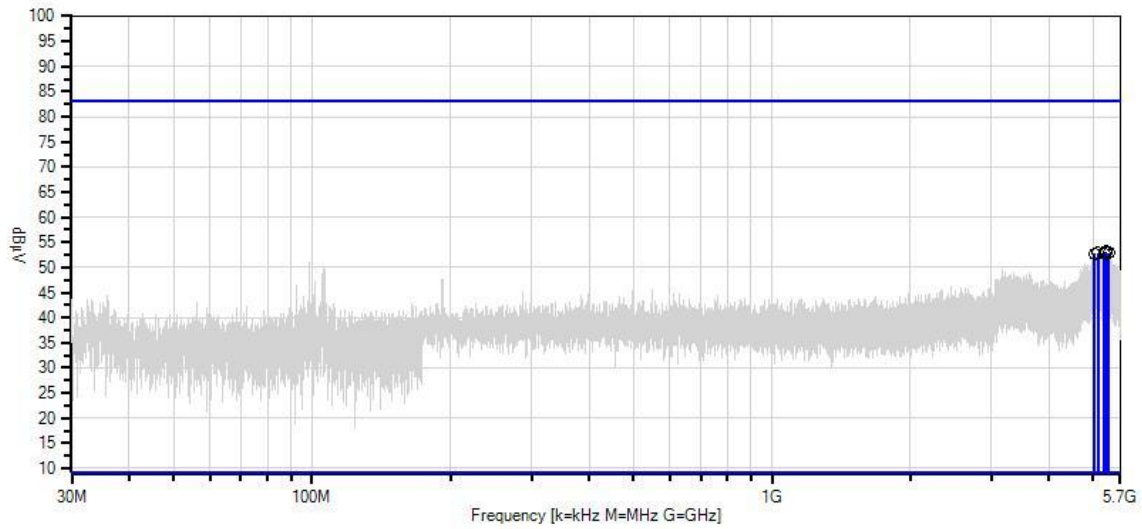
Ext Attn: 0 dB

Measurement Data: Reading listed by margin. Test Lead: Chain 0

#	Freq MHz	Rdng dBμV	T1 dB	T2 dB	dB	Dist Table	Corr dBμV	Spec dBμV	Margin dB	Polar Ant
1	5315.710M	42.2	+9.8	+1.1		+0.0	53.1	83.1	-30.0	Chain
2	5319.938M	42.0	+9.8	+1.1		+0.0	52.9	83.1	-30.2	Chain
3	5335.535M	42.0	+9.8	+1.1		+0.0	52.9	83.1	-30.2	Chain
4	5341.549M	42.0	+9.8	+1.1		+0.0	52.9	83.1	-30.2	Chain
5	5399.992M	41.9	+9.8	+1.1		+0.0	52.8	83.1	-30.3	Chain
6	5121.024M	41.9	+9.8	+1.1		+0.0	52.8	83.1	-30.3	Chain
7	5332.528M	41.9	+9.8	+1.1		+0.0	52.8	83.1	-30.3	Chain

8	5335.065M	41.9	+9.8	+1.1	+0.0	52.8	83.1	-30.3	Chain
9	5034.769M	41.8	+9.8	+1.1	+0.0	52.7	83.1	-30.4	Chain
10	5280.756M	41.8	+9.8	+1.1	+0.0	52.7	83.1	-30.4	Chain

CKC Laboratories, Inc. Date: 5/19/2012 Time: 9:48:01 AM Digital Path WO#: 92682
 15.247(d) Conducted Spurious Emissions Test Lead: Chain 0 120V 60Hz Sequence#: 63 Chain 0
 HI Channel, 13 MCS HT202S data rate, 10MHz Channel width.



- Sweep Data
- Peak Readings
- * Average Readings
- Readings
- × QP Readings
- ▼ Ambient
- 1 - 15.247(d) Conducted Spurious Emissions

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

Customer: **Digital Path**
 Specification: **15.247(d) Conducted Spurious Emissions**
 Work Order #: **92682** Date: 5/19/2012
 Test Type: **Conducted Emissions** Time: 12:03:51 PM
 Equipment: **5GHz Tri-Sector (17dBi)** Sequence#: 84
 Manufacturer: Digital Path Tested By: C. Nicklas
 Model: G5RL10T 120V 60Hz
 S/N: EMI 1

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/23/2011	2/23/2013
T1	ANP01183	Cable	CNT-195	10/24/2011	10/24/2013

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
5GHz Tri-Sector (17dBi)*	Digital Path	G5RL10T	EMI 1

Support Devices:

Function	Manufacturer	Model #	S/N
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Test Conditions / Notes:

9kHz-30MHz
 Temperature: 23.0°C
 Relative Humidity: 38%
 Atmospheric Pressure: 101.4kPa
 LOW Channel, 36 Mbps data rate, 20MHz Channel width.

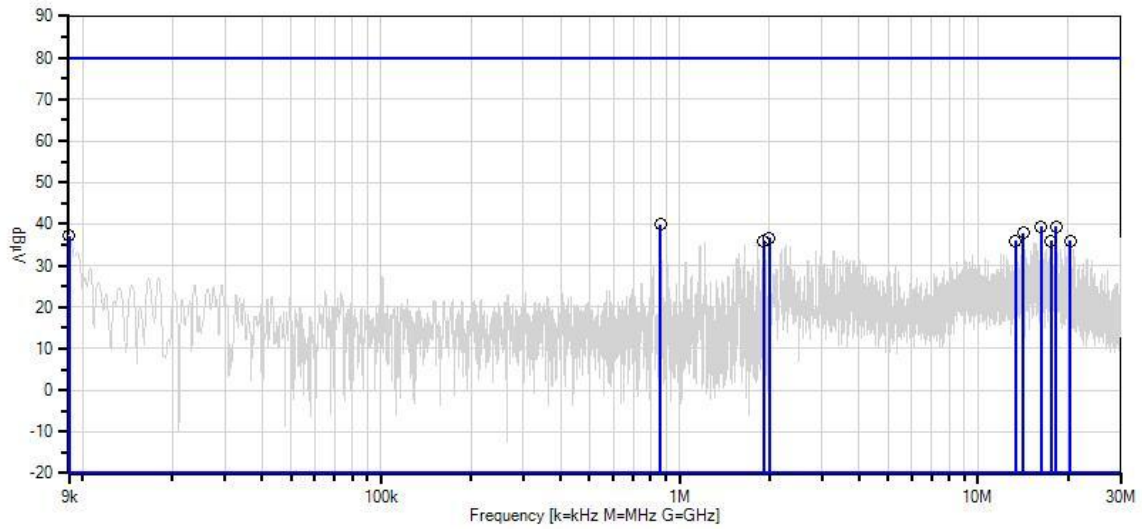
Ext Attn: 0 dB

Measurement Data: Reading listed by margin. Test Lead: Chain 0

#	Freq MHz	Rdng dBμV	T1 dB	dB	dB	dB	Dist Table	Corr dBμV	Spec dBμV	Margin dB	Polar Ant
1	865.481k	39.9	+0.0				+0.0	39.9	80.0	-40.1	Chain
2	16.228M	39.3	+0.1				+0.0	39.4	80.0	-40.6	Chain
3	18.243M	39.3	+0.1				+0.0	39.4	80.0	-40.6	Chain
4	14.213M	37.8	+0.1				+0.0	37.9	80.0	-42.1	Chain
5	9.015k	37.2	+0.0				+0.0	37.2	80.0	-42.8	Chain
6	2.004M	36.7	+0.0				+0.0	36.7	80.0	-43.3	Chain
7	1.913M	36.0	+0.0				+0.0	36.0	80.0	-44.0	Chain

8	13.355M	35.8	+0.1	+0.0	35.9	80.0	-44.1	Chain
9	17.572M	35.8	+0.1	+0.0	35.9	80.0	-44.1	Chain
10	20.381M	35.8	+0.1	+0.0	35.9	80.0	-44.1	Chain

CKC Laboratories, Inc. Date: 5/19/2012 Time: 12:03:51 PM Digital Path WO#: 92682
 15.247(d) Conducted Spurious Emissions Test Lead: Chain 0 120V 60Hz Sequence#: 84 Chain 0
 LO Channel, 36 Mbps data rate, 20MHz Channel width.



- Sweep Data
- Peak Readings
- * Average Readings
- 1 - 15.247(d) Conducted Spurious Emissions
- Readings
- × QP Readings
- ▼ Ambient

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

Customer: **Digital Path**
 Specification: **15.247(d) Conducted Spurious Emissions**
 Work Order #: **92682** Date: 5/19/2012
 Test Type: **Conducted Emissions** Time: 12:06:36 PM
 Equipment: **5GHz Tri-Sector (17dBi)** Sequence#: 85
 Manufacturer: Digital Path Tested By: C. Nicklas
 Model: G5RL10T 120V 60Hz
 S/N: EMI 1

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/23/2011	2/23/2013
T1	ANP01183	Cable	CNT-195	10/24/2011	10/24/2013

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
5GHz Tri-Sector (17dBi)*	Digital Path	G5RL10T	EMI 1

Support Devices:

Function	Manufacturer	Model #	S/N
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Test Conditions / Notes:

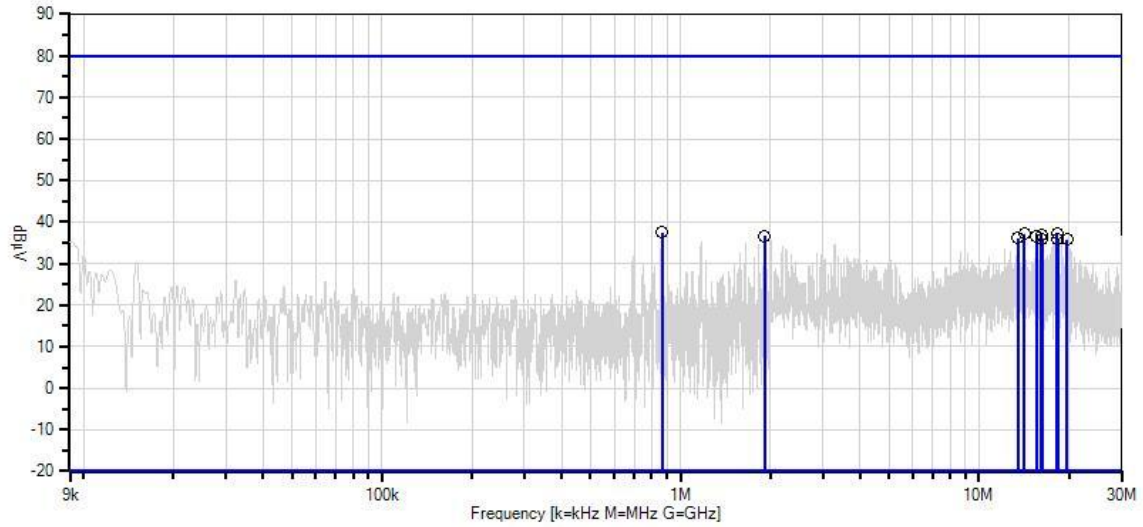
9kHz-30MHz
 Temperature: 23.0°C
 Relative Humidity: 38%
 Atmospheric Pressure: 101.4kPa
 MID Channel, 36 Mbps data rate, 20MHz Channel width.

Ext Attn: 0 dB

Measurement Data: Reading listed by margin. Test Lead: Chain 0

#	Freq MHz	Rdng dBμV	T1 dB	dB	dB	dB	Dist Table	Corr dBμV	Spec dBμV	Margin dB	Polar Ant
1	865.715k	37.4	+0.0				+0.0	37.4	80.0	-42.6	Chain
2	18.306M	37.2	+0.1				+0.0	37.3	80.0	-42.7	Chain
3	14.213M	37.0	+0.1				+0.0	37.1	80.0	-42.9	Chain
4	16.165M	36.8	+0.1				+0.0	36.9	80.0	-43.1	Chain
5	1.915M	36.6	+0.0				+0.0	36.6	80.0	-43.4	Chain
6	15.556M	36.4	+0.1				+0.0	36.5	80.0	-43.5	Chain
7	13.481M	36.0	+0.1				+0.0	36.1	80.0	-43.9	Chain
8	16.228M	35.8	+0.1				+0.0	35.9	80.0	-44.1	Chain
9	18.362M	35.7	+0.1				+0.0	35.8	80.0	-44.2	Chain
10	19.706M	35.7	+0.1				+0.0	35.8	80.0	-44.2	Chain

CKC Laboratories, Inc. Date: 5/19/2012 Time: 12:06:36 PM Digital Path WO#: 92682
 15.247(d) Conducted Spurious Emissions Test Lead: Chain 0 120V 60Hz Sequence#: 85 Chain 0
 MID Channel, 36 Mbps data rate, 20MHz Channel width.



- Sweep Data
- Peak Readings
- * Average Readings
- 1 - 15.247(d) Conducted Spurious Emissions
- Readings
- × QP Readings
- ▼ Ambient

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

Customer: **Digital Path**
 Specification: **15.247(d) Conducted Spurious Emissions**
 Work Order #: **92682** Date: 5/19/2012
 Test Type: **Conducted Emissions** Time: 12:10:04 PM
 Equipment: **5GHz Tri-Sector (17dBi)** Sequence#: 86
 Manufacturer: Digital Path Tested By: C. Nicklas
 Model: G5RL10T 120V 60Hz
 S/N: EMI 1

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/23/2011	2/23/2013
T1	ANP01183	Cable	CNT-195	10/24/2011	10/24/2013

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
5GHz Tri-Sector (17dBi)*	Digital Path	G5RL10T	EMI 1

Support Devices:

Function	Manufacturer	Model #	S/N
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Test Conditions / Notes:

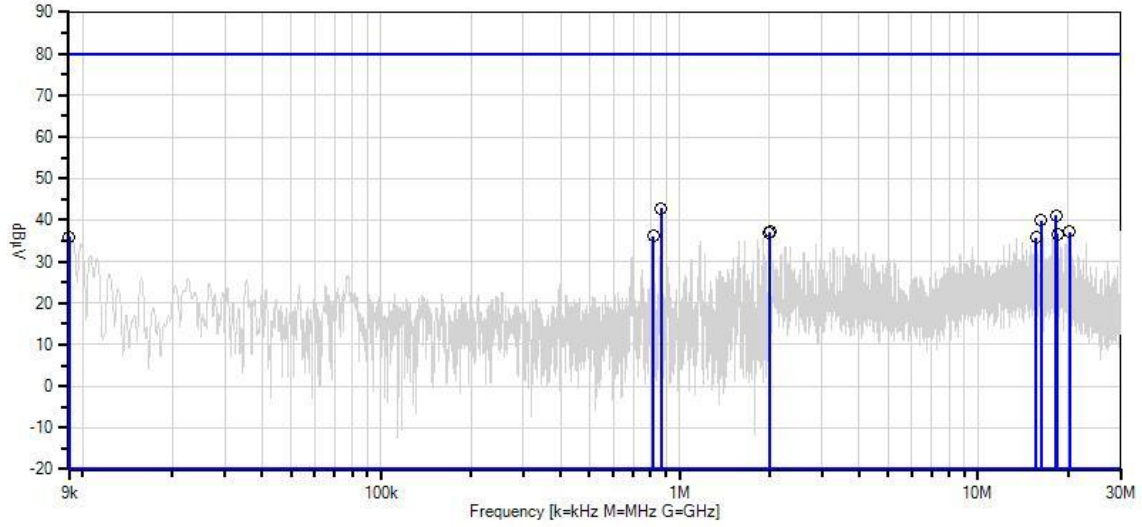
9kHz-30MHz
 Temperature: 23.0°C
 Relative Humidity: 38%
 Atmospheric Pressure: 101.4kPa
 HI Channel, 36 Mbps data rate, 20MHz Channel width.

Ext Attn: 0 dB

Measurement Data: Reading listed by margin. Test Lead: Chain 0

#	Freq MHz	Rdng dBμV	T1 dB	dB	dB	dB	Dist Table	Corr dBμV	Spec dBμV	Margin dB	Polar Ant
1	865.715k	42.8	+0.0				+0.0	42.8	80.0	-37.2	Chain
2	18.243M	40.9	+0.1				+0.0	41.0	80.0	-39.0	Chain
3	16.228M	39.7	+0.1				+0.0	39.8	80.0	-40.2	Chain
4	2.006M	37.2	+0.0				+0.0	37.2	80.0	-42.8	Chain
5	20.259M	37.0	+0.1				+0.0	37.1	80.0	-42.9	Chain
6	2.004M	36.8	+0.0				+0.0	36.8	80.0	-43.2	Chain
7	18.488M	36.5	+0.1				+0.0	36.6	80.0	-43.4	Chain
8	816.995k	36.1	+0.0				+0.0	36.1	80.0	-43.9	Chain
9	9.015k	36.0	+0.0				+0.0	36.0	80.0	-44.0	Chain
10	15.619M	35.7	+0.1				+0.0	35.8	80.0	-44.2	Chain

CKC Laboratories, Inc. Date: 5/19/2012 Time: 12:10:04 PM Digital Path WO#: 92682
 15.247(d) Conducted Spurious Emissions Test Lead: Chain 0 120V 60Hz Sequence#: 86 Chain 0
 HI Channel, 36 Mbps data rate, 20MHz Channel width.



- Sweep Data
- Peak Readings
- * Average Readings
- 1 - 15.247(d) Conducted Spurious Emissions
- Readings
- × QP Readings
- ▼ Ambient

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

Customer: **Digital Path**
 Specification: **15.247(d) Conducted Spurious Emissions**
 Work Order #: **92682** Date: 5/19/2012
 Test Type: **Conducted Emissions** Time: 12:17:13 PM
 Equipment: **5GHz Tri-Sector (17dBi)** Sequence#: 89
 Manufacturer: Digital Path Tested By: C. Nicklas
 Model: G5RL10T 120V 60Hz
 S/N: EMI 1

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/23/2011	2/23/2013
T1	ANP01183	Cable	CNT-195	10/24/2011	10/24/2013

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
5GHz Tri-Sector (17dBi)*	Digital Path	G5RL10T	EMI 1

Support Devices:

Function	Manufacturer	Model #	S/N
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Test Conditions / Notes:

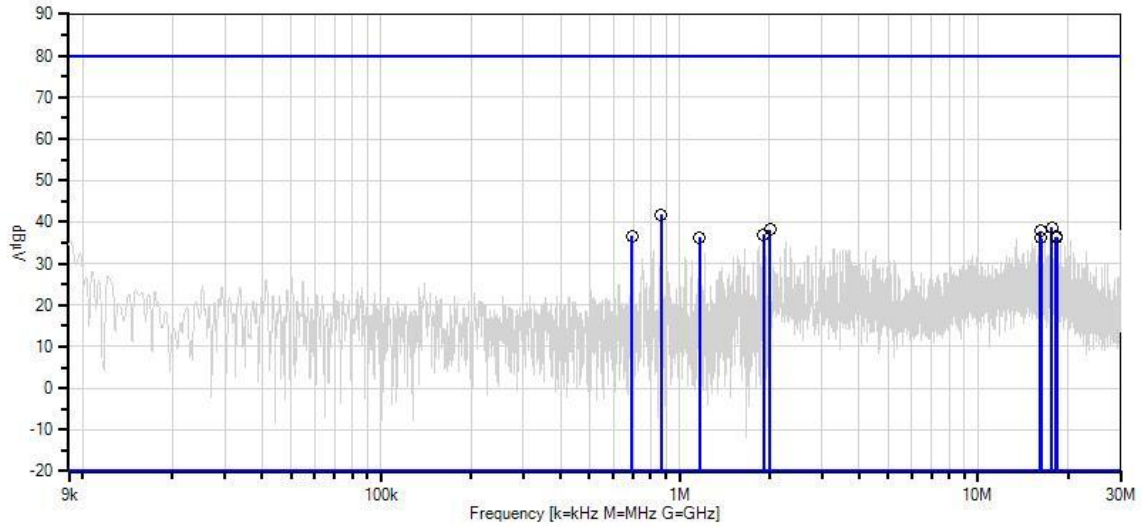
9kHz-30MHz
 Temperature: 23.0°C
 Relative Humidity: 38%
 Atmospheric Pressure: 101.4kPa
 LOW Channel, 26 MCS HT202S data rate, 20MHz Channel width.

Ext Attn: 0 dB

Measurement Data: Reading listed by margin. Test Lead: Chain 0

#	Freq MHz	Rdng dBμV	T1 dB	dB	dB	dB	Dist Table	Corr dBμV	Spec dBμV	Margin dB	Polar Ant
1	865.715k	41.7	+0.0				+0.0	41.7	80.0	-38.3	Chain
2	17.694M	38.5	+0.1				+0.0	38.6	80.0	-41.4	Chain
3	2.006M	38.1	+0.0				+0.0	38.1	80.0	-41.9	Chain
4	16.169M	37.8	+0.1				+0.0	37.9	80.0	-42.1	Chain
5	1.916M	37.0	+0.0				+0.0	37.0	80.0	-43.0	Chain
6	692.852k	36.6	+0.0				+0.0	36.6	80.0	-43.4	Chain
7	18.366M	36.4	+0.1				+0.0	36.5	80.0	-43.5	Chain
8	1.168M	36.2	+0.0				+0.0	36.2	80.0	-43.8	Chain
9	18.306M	36.1	+0.1				+0.0	36.2	80.0	-43.8	Chain
10	16.228M	36.0	+0.1				+0.0	36.1	80.0	-43.9	Chain

CKC Laboratories, Inc. Date: 5/19/2012 Time: 12:17:13 PM Digital Path WO#: 92682
 15.247(d) Conducted Spurious Emissions Test Lead: Chain 0 120V 60Hz Sequence#: 89 Chain 0
 LO Channel, 26 MCS HT202S data rate, 20MHz Channel width.



- Sweep Data
- Peak Readings
- * Average Readings
- 1 - 15.247(d) Conducted Spurious Emissions
- Readings
- × QP Readings
- ▼ Ambient

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

Customer: **Digital Path**
 Specification: **15.247(d) Conducted Spurious Emissions**
 Work Order #: **92682** Date: 5/19/2012
 Test Type: **Conducted Emissions** Time: 12:14:56 PM
 Equipment: **5GHz Tri-Sector (17dBi)** Sequence#: 88
 Manufacturer: Digital Path Tested By: C. Nicklas
 Model: G5RL10T 120V 60Hz
 S/N: EMI 1

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/23/2011	2/23/2013
T1	ANP01183	Cable	CNT-195	10/24/2011	10/24/2013

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
5GHz Tri-Sector (17dBi)*	Digital Path	G5RL10T	EMI 1

Support Devices:

Function	Manufacturer	Model #	S/N
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Test Conditions / Notes:

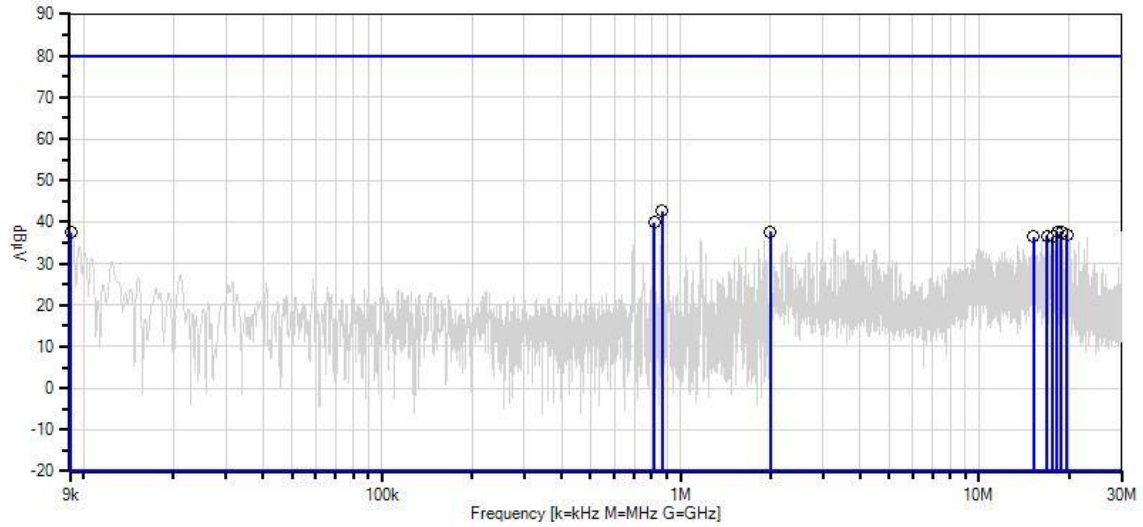
9kHz-30MHz
 Temperature: 23.0°C
 Relative Humidity: 38%
 Atmospheric Pressure: 101.4kPa
 MID Channel, 26 MCS HT202S data rate, 20MHz Channel width.

Ext Attn: 0 dB

Measurement Data: Reading listed by margin. Test Lead: Chain 0

#	Freq MHz	Rdng dBμV	T1 dB	dB	dB	Dist Table	Corr dBμV	Spec dBμV	Margin dB	Polar Ant
1	865.949k	42.6	+0.0			+0.0	42.6	80.0	-37.4	Chain
2	815.824k	39.9	+0.0			+0.0	39.9	80.0	-40.1	Chain
3	2.004M	37.7	+0.0			+0.0	37.7	80.0	-42.3	Chain
4	18.306M	37.6	+0.1			+0.0	37.7	80.0	-42.3	Chain
5	18.915M	37.5	+0.1			+0.0	37.6	80.0	-42.4	Chain
6	9.077k	37.5	+0.0			+0.0	37.5	80.0	-42.5	Chain
7	19.710M	36.9	+0.1			+0.0	37.0	80.0	-43.0	Chain
8	16.900M	36.6	+0.1			+0.0	36.7	80.0	-43.3	Chain
9	15.252M	36.4	+0.1			+0.0	36.5	80.0	-43.5	Chain
10	17.691M	36.3	+0.1			+0.0	36.4	80.0	-43.6	Chain

CKC Laboratories, Inc. Date: 5/19/2012 Time: 12:14:56 PM Digital Path WO#: 92682
 15.247(d) Conducted Spurious Emissions Test Lead: Chain 0 120V 60Hz Sequence#: 88 Chain 0
 MID Channel, 26 MCS HT202S data rate, 20MHz Channel width.



- Sweep Data
- Peak Readings
- * Average Readings
- 1 - 15.247(d) Conducted Spurious Emissions
- Readings
- × QP Readings
- ▼ Ambient

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

Customer: **Digital Path**
 Specification: **15.247(d) Conducted Spurious Emissions**
 Work Order #: **92682** Date: 5/19/2012
 Test Type: **Conducted Emissions** Time: 12:12:46 PM
 Equipment: **5GHz Tri-Sector (17dBi)** Sequence#: 87
 Manufacturer: Digital Path Tested By: C. Nicklas
 Model: G5RL10T 120V 60Hz
 S/N: EMI 1

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/23/2011	2/23/2013
T1	ANP01183	Cable	CNT-195	10/24/2011	10/24/2013

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
5GHz Tri-Sector (17dBi)*	Digital Path	G5RL10T	EMI 1

Support Devices:

Function	Manufacturer	Model #	S/N
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Test Conditions / Notes:

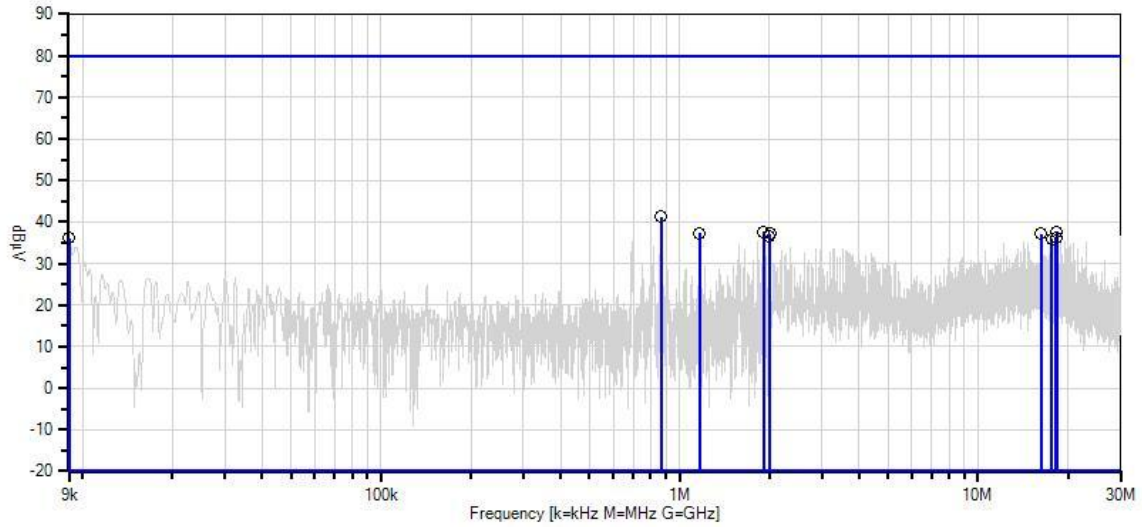
9kHz-30MHz
 Temperature: 23.0°C
 Relative Humidity: 38%
 Atmospheric Pressure: 101.4kPa
 HIGH Channel, 26 MCS HT202S data rate, 20MHz Channel width.

Ext Attn: 0 dB

Measurement Data: Reading listed by margin. Test Lead: Chain 0

#	Freq MHz	Rdng dBµV	T1 dB	dB	dB	Dist Table	Corr dBµV	Spec dBµV	Margin dB	Polar Ant
1	865.949k	41.2	+0.0			+0.0	41.2	80.0	-38.8	Chain
2	18.366M	37.6	+0.1			+0.0	37.7	80.0	-42.3	Chain
3	1.916M	37.6	+0.0			+0.0	37.6	80.0	-42.4	Chain
4	1.167M	37.3	+0.0			+0.0	37.3	80.0	-42.7	Chain
5	16.228M	37.1	+0.1			+0.0	37.2	80.0	-42.8	Chain
6	2.007M	37.2	+0.0			+0.0	37.2	80.0	-42.8	Chain
7	2.005M	36.7	+0.0			+0.0	36.7	80.0	-43.3	Chain
8	18.299M	36.1	+0.1			+0.0	36.2	80.0	-43.8	Chain
9	9.015k	36.1	+0.0			+0.0	36.1	80.0	-43.9	Chain
10	17.694M	35.8	+0.1			+0.0	35.9	80.0	-44.1	Chain

CKC Laboratories, Inc. Date: 5/19/2012 Time: 12:12:46 PM Digital Path WO#: 92682
 15.247(d) Conducted Spurious Emissions Test Lead: Chain 0 120V 60Hz Sequence#: 87 Chain 0
 HI Channel, 26 MCS HT202S data rate, 20MHz Channel width.



- Sweep Data
- Peak Readings
- * Average Readings
- 1 - 15.247(d) Conducted Spurious Emissions
- Readings
- × QP Readings
- ▼ Ambient

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

Customer: **Digital Path**
 Specification: **15.247(d) Conducted Spurious Emissions**
 Work Order #: **92682** Date: 5/19/2012
 Test Type: **Conducted Emissions** Time: 8:44:28 AM
 Equipment: **5GHz Tri-Sector (17dBi)** Sequence#: 54
 Manufacturer: Digital Path Tested By: C. Nicklas
 Model: G5RL10T 120V 60Hz
 S/N: EMI 1

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/23/2011	2/23/2013
T1	ANP05935	Attenuator	84A-10	10/19/2011	10/19/2013
T2	ANP05843	Cable	32022-2-29094K-48TC	7/30/2010	7/30/2012

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
5GHz Tri-Sector (17dBi)*	Digital Path	G5RL10T	EMI 1

Support Devices:

Function	Manufacturer	Model #	S/N
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Test Conditions / Notes:

30-5725MHz
 Temperature: 20.6°C
 Relative Humidity: 38%
 Atmospheric Pressure: 101.4kPa
 LOW Channel, 36 Mbps data rate, 20MHz Channel width.

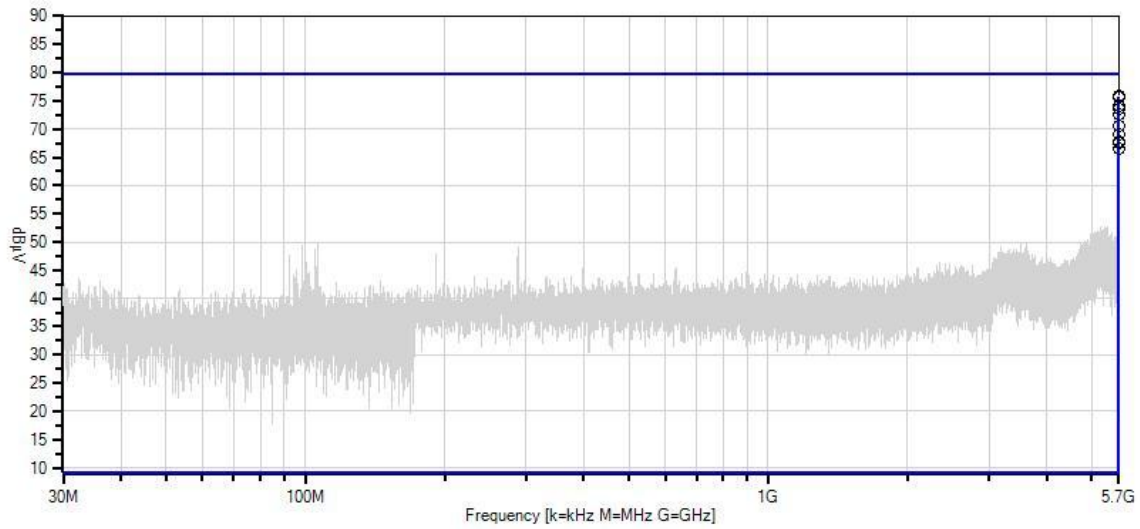
Ext Attn: 0 dB

Measurement Data: Reading listed by margin. Test Lead: Chain 0

#	Freq MHz	Rdng dBμV	T1 dB	T2 dB	Dist dB	Corr dBμV	Spec dBμV	Margin dB	Polar Ant
1	5724.060M	64.9	+9.8	+1.1	+0.0	75.8	79.7	-3.9	Chain
2	5722.181M	64.7	+9.8	+1.1	+0.0	75.6	79.7	-4.1	Chain
3	5721.899M	63.1	+9.8	+1.1	+0.0	74.0	79.7	-5.7	Chain
4	5722.651M	62.7	+9.8	+1.1	+0.0	73.6	79.7	-6.1	Chain
5	5720.866M	61.7	+9.8	+1.1	+0.0	72.6	79.7	-7.1	Chain
6	5723.685M	59.6	+9.8	+1.1	+0.0	70.5	79.7	-9.2	Chain
7	5719.644M	58.2	+9.8	+1.1	+0.0	69.1	79.7	-10.6	Chain

8	5718.611M	56.8	+9.8	+1.1	+0.0	67.7	79.7	-12.0	Chain
9	5718.047M	56.6	+9.8	+1.1	+0.0	67.5	79.7	-12.2	Chain
10	5719.174M	55.6	+9.8	+1.1	+0.0	66.5	79.7	-13.2	Chain

CKC Laboratories, Inc. Date: 5/19/2012 Time: 8:44:28 AM Digital Path WO#: 92682
 15.247(d) Conducted Spurious Emissions Test Lead: Chain 0 120V 60Hz Sequence#: 54 Chain 0
 LO Channel, 36 Mbps data rate, 20MHz Channel width.



- Sweep Data
- Peak Readings
- * Average Readings
- Readings
- × QP Readings
- ▼ Ambient
- 1 - 15.247(d) Conducted Spurious Emissions

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

Customer: **Digital Path**
 Specification: **15.247(d) Conducted Spurious Emissions**
 Work Order #: **92682** Date: 5/19/2012
 Test Type: **Conducted Emissions** Time: 8:54:40 AM
 Equipment: **5GHz Tri-Sector (17dBi)** Sequence#: 55
 Manufacturer: Digital Path Tested By: C. Nicklas
 Model: G5RL10T 120V 60Hz
 S/N: EMI 1

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/23/2011	2/23/2013
T1	ANP05935	Attenuator	84A-10	10/19/2011	10/19/2013
T2	ANP05843	Cable	32022-2-29094K-48TC	7/30/2010	7/30/2012

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
5GHz Tri-Sector (17dBi)*	Digital Path	G5RL10T	EMI 1

Support Devices:

Function	Manufacturer	Model #	S/N
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Test Conditions / Notes:

30-5725MHz
 Temperature: 20.6°C
 Relative Humidity: 38%
 Atmospheric Pressure: 101.4kPa
 MID Channel, 36 Mbps data rate, 20MHz Channel width.

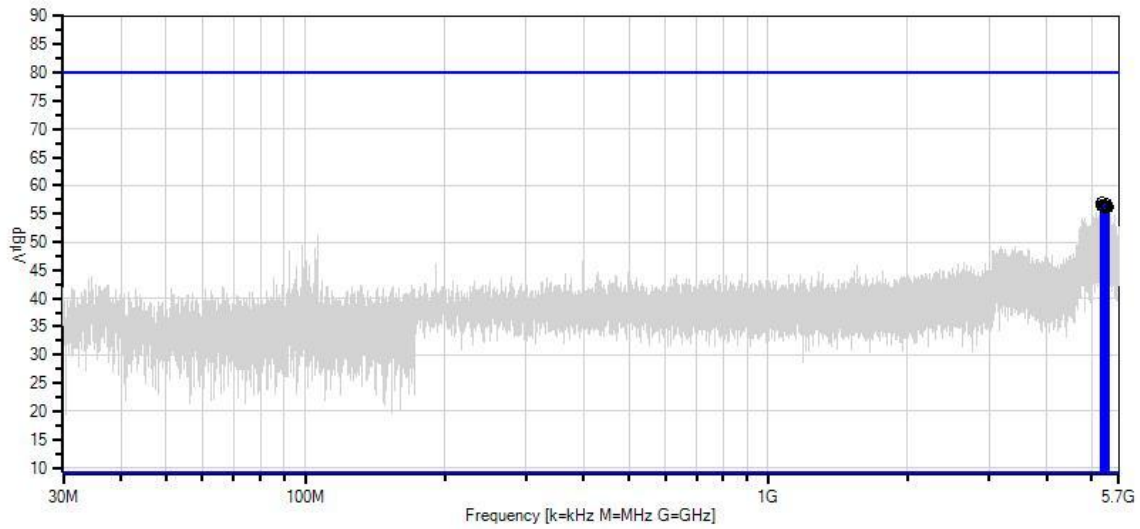
Ext Attn: 0 dB

Measurement Data: Reading listed by margin. Test Lead: Chain 0

#	Freq MHz	Rdng dB μ V	T1 dB	T2 dB	Dist dB	Corr dB μ V	Spec dB μ V	Margin dB	Polar Ant
1	5265.911M	46.0	+9.8	+1.1	+0.0	56.9	80.0	-23.1	Chain
2	5355.173M	45.8	+9.8	+1.1	+0.0	56.7	80.0	-23.3	Chain
3	5252.380M	45.6	+9.8	+1.1	+0.0	56.5	80.0	-23.5	Chain
4	5304.904M	45.5	+9.8	+1.1	+0.0	56.4	80.0	-23.6	Chain
5	5346.059M	45.5	+9.8	+1.1	+0.0	56.4	80.0	-23.6	Chain
6	5262.246M	45.5	+9.8	+1.1	+0.0	56.4	80.0	-23.6	Chain
7	5365.978M	45.4	+9.8	+1.1	+0.0	56.3	80.0	-23.7	Chain

8	5352.730M	45.3	+9.8	+1.1	+0.0	56.2	80.0	-23.8	Chain
9	5328.864M	45.2	+9.8	+1.1	+0.0	56.1	80.0	-23.9	Chain
10	5422.260M	45.2	+9.8	+1.1	+0.0	56.1	80.0	-23.9	Chain

CKC Laboratories, Inc. Date: 5/19/2012 Time: 8:54:40 AM Digital Path WO#: 92682
 15.247(d) Conducted Spurious Emissions Test Lead: Chain 0 120V 60Hz Sequence#: 55 Chain 0
 MID Channel, 36 Mbps data rate, 20MHz Channel width.



- Sweep Data
- Peak Readings
- * Average Readings
- Readings
- × QP Readings
- ▼ Ambient
- 1 - 15.247(d) Conducted Spurious Emissions

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

Customer: **Digital Path**
 Specification: **15.247(d) Conducted Spurious Emissions**
 Work Order #: **92682** Date: 5/19/2012
 Test Type: **Conducted Emissions** Time: 8:59:16 AM
 Equipment: **5GHz Tri-Sector (17dBi)** Sequence#: 56
 Manufacturer: Digital Path Tested By: C. Nicklas
 Model: G5RL10T 120V 60Hz
 S/N: EMI 1

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/23/2011	2/23/2013
T1	ANP05935	Attenuator	84A-10	10/19/2011	10/19/2013
T2	ANP05843	Cable	32022-2-29094K-48TC	7/30/2010	7/30/2012

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
5GHz Tri-Sector (17dBi)*	Digital Path	G5RL10T	EMI 1

Support Devices:

Function	Manufacturer	Model #	S/N
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Test Conditions / Notes:

30-5725MHz
 Temperature: 20.6°C
 Relative Humidity: 38%
 Atmospheric Pressure: 101.4kPa
 HIGH Channel, 36 Mbps data rate, 20MHz Channel width.

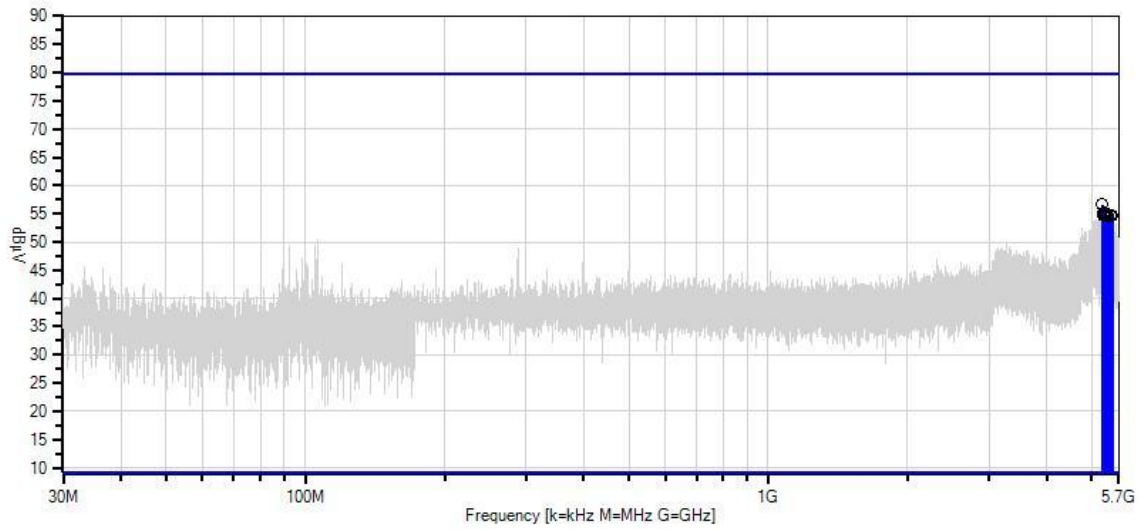
Ext Attn: 0 dB

Measurement Data: Reading listed by margin. Test Lead: Chain 0

#	Freq MHz	Rdng dBμV	T1 dB	T2 dB	Dist dB	Corr dBμV	Spec dBμV	Margin dB	Polar Ant
1	5261.588M	45.7	+9.8	+1.1	+0.0	56.6	79.7	-23.1	Chain
2	5302.273M	44.4	+9.8	+1.1	+0.0	55.3	79.7	-24.4	Chain
3	5315.052M	44.4	+9.8	+1.1	+0.0	55.3	79.7	-24.4	Chain
4	5348.784M	44.4	+9.8	+1.1	+0.0	55.3	79.7	-24.4	Chain
5	5316.273M	44.1	+9.8	+1.1	+0.0	55.0	79.7	-24.7	Chain
6	5369.079M	43.9	+9.8	+1.1	+0.0	54.8	79.7	-24.9	Chain
7	5397.361M	43.7	+9.8	+1.1	+0.0	54.6	79.7	-25.1	Chain

8	5301.897M	43.7	+9.8	+1.1	+0.0	54.6	79.7	-25.1	Chain
9	5539.805M	43.7	+9.8	+1.1	+0.0	54.6	79.7	-25.1	Chain
10	5470.556M	43.7	+9.8	+1.1	+0.0	54.6	79.7	-25.1	Chain

CKC Laboratories, Inc. Date: 5/19/2012 Time: 8:59:16 AM Digital Path WO#: 92682
 15.247(d) Conducted Spurious Emissions Test Lead: Chain 0 120V 60Hz Sequence#: 56 Chain 0
 HI Channel, 36 Mbps data rate, 20MHz Channel width.



- Sweep Data
 - Peak Readings
 - * Average Readings
 - Readings
 - × QP Readings
 - ▼ Ambient
- 1 - 15.247(d) Conducted Spurious Emissions

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

Customer: **Digital Path**
 Specification: **15.247(d) Conducted Spurious Emissions**
 Work Order #: **92682** Date: 5/19/2012
 Test Type: **Conducted Emissions** Time: 9:18:32 AM
 Equipment: **5GHz Tri-Sector (17dBi)** Sequence#: 59
 Manufacturer: Digital Path Tested By: C. Nicklas
 Model: G5RL10T 120V 60Hz
 S/N: EMI 1

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/23/2011	2/23/2013
T1	ANP05935	Attenuator	84A-10	10/19/2011	10/19/2013
T2	ANP05843	Cable	32022-2-29094K-48TC	7/30/2010	7/30/2012

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
5GHz Tri-Sector (17dBi)*	Digital Path	G5RL10T	EMI 1

Support Devices:

Function	Manufacturer	Model #	S/N
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Test Conditions / Notes:

30-5725MHz
 Temperature: 20.6°C
 Relative Humidity: 38%
 Atmospheric Pressure: 101.4kPa
 LOW Channel, 26 MCS HT202S data rate, 20MHz Channel width.

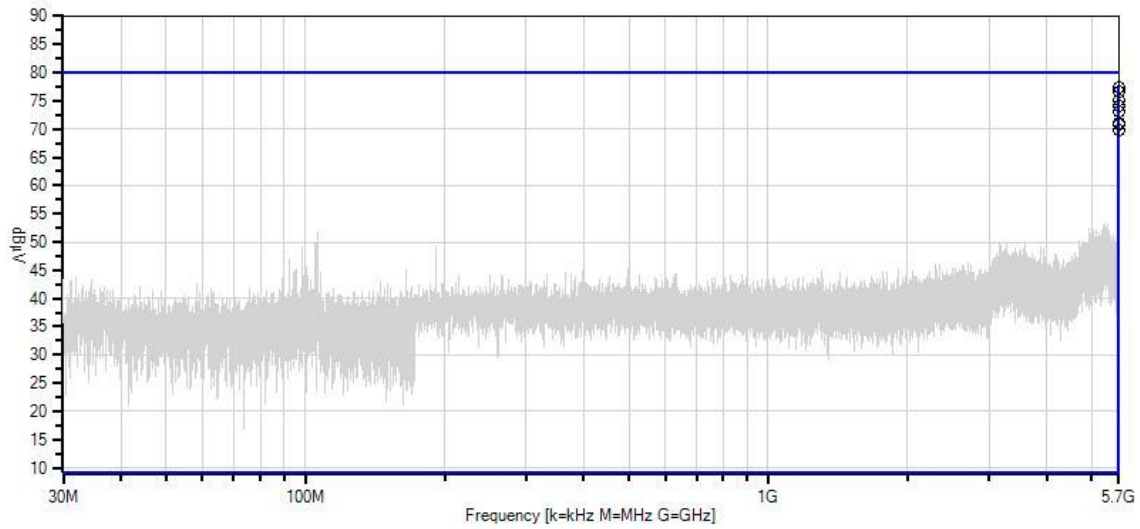
Ext Attn: 0 dB

Measurement Data: Reading listed by margin. Test Lead: Chain 0

#	Freq MHz	Rdng dBµV	T1 dB	T2 dB	Dist dB	Corr dBµV	Spec dBµV	Margin dB	Polar Ant
1	5724.624M	66.5	+9.8	+1.1	+0.0	77.4	80.0	-2.6	Chain
2	5724.060M	65.7	+9.8	+1.1	+0.0	76.6	80.0	-3.4	Chain
3	5723.403M	64.2	+9.8	+1.1	+0.0	75.1	80.0	-4.9	Chain
4	5722.087M	63.2	+9.8	+1.1	+0.0	74.1	80.0	-5.9	Chain
5	5720.584M	63.1	+9.8	+1.1	+0.0	74.0	80.0	-6.0	Chain
6	5722.839M	62.2	+9.8	+1.1	+0.0	73.1	80.0	-6.9	Chain
7	5723.121M	62.1	+9.8	+1.1	+0.0	73.0	80.0	-7.0	Chain

8	5720.866M	60.1	+9.8	+1.1	+0.0	71.0	80.0	-9.0	Chain
9	5717.483M	60.0	+9.8	+1.1	+0.0	70.9	80.0	-9.1	Chain
10	5718.987M	59.0	+9.8	+1.1	+0.0	69.9	80.0	-10.1	Chain

CKC Laboratories, Inc. Date: 5/19/2012 Time: 9:18:32 AM Digital Path WO#: 92682
 15.247(d) Conducted Spurious Emissions Test Lead: Chain 0 120V 60Hz Sequence#: 59 Chain 0
 LO Channel, 26 MCS HT202S data rate, 20MHz Channel width.



- Sweep Data
- Peak Readings
- * Average Readings
- Readings
- × QP Readings
- ▼ Ambient
- 1 - 15.247(d) Conducted Spurious Emissions

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

Customer: **Digital Path**
 Specification: **15.247(d) Conducted Spurious Emissions**
 Work Order #: **92682** Date: 5/19/2012
 Test Type: **Conducted Emissions** Time: 9:13:48 AM
 Equipment: **5GHz Tri-Sector (17dBi)** Sequence#: 58
 Manufacturer: Digital Path Tested By: C. Nicklas
 Model: G5RL10T 120V 60Hz
 S/N: EMI 1

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/23/2011	2/23/2013
T1	ANP05935	Attenuator	84A-10	10/19/2011	10/19/2013
T2	ANP05843	Cable	32022-2-29094K-48TC	7/30/2010	7/30/2012

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
5GHz Tri-Sector (17dBi)*	Digital Path	G5RL10T	EMI 1

Support Devices:

Function	Manufacturer	Model #	S/N
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Test Conditions / Notes:

30-5725MHz
 Temperature: 20.6°C
 Relative Humidity: 38%
 Atmospheric Pressure: 101.4kPa
 MID Channel, 26 MCS HT202S data rate, 20MHz Channel width.

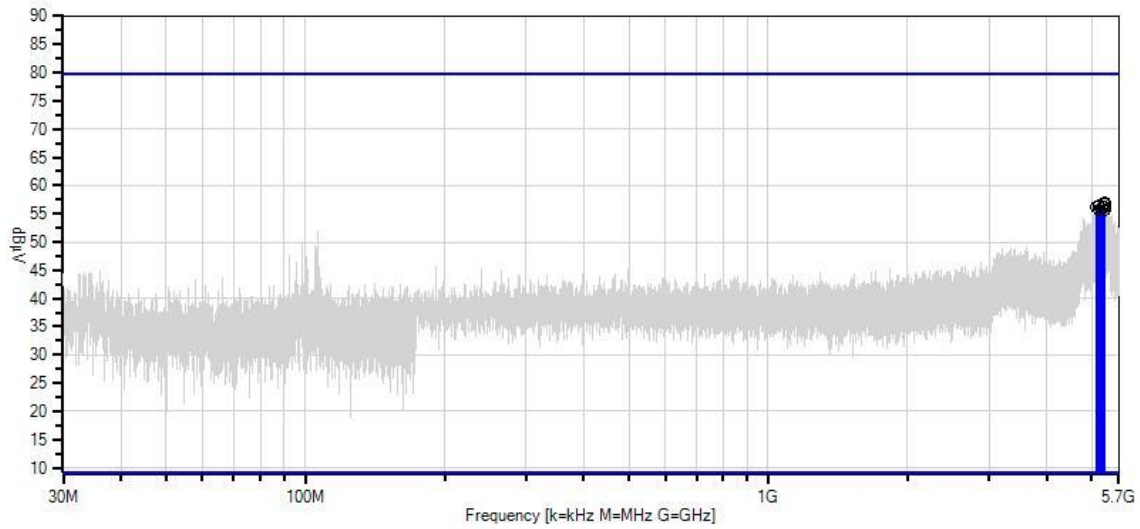
Ext Attn: 0 dB

Measurement Data: Reading listed by margin. Test Lead: Chain 0

#	Freq MHz	Rdng dBµV	T1 dB	T2 dB	Dist dB	Table	Corr dBµV	Spec dBµV	Margin dB	Polar Ant
1	5315.146M	46.0	+9.8	+1.1	+0.0		56.9	79.7	-22.8	Chain
2	5325.200M	45.7	+9.8	+1.1	+0.0		56.6	79.7	-23.1	Chain
3	5182.568M	45.5	+9.8	+1.1	+0.0		56.4	79.7	-23.3	Chain
4	5187.924M	45.5	+9.8	+1.1	+0.0		56.4	79.7	-23.3	Chain
5	5294.381M	45.4	+9.8	+1.1	+0.0		56.3	79.7	-23.4	Chain
6	5114.353M	45.2	+9.8	+1.1	+0.0		56.1	79.7	-23.6	Chain
7	5317.119M	45.2	+9.8	+1.1	+0.0		56.1	79.7	-23.6	Chain

8	5262.810M	45.1	+9.8	+1.1	+0.0	56.0	79.7	-23.7	Chain
9	5189.145M	44.9	+9.8	+1.1	+0.0	55.8	79.7	-23.9	Chain
10	5332.247M	44.8	+9.8	+1.1	+0.0	55.7	79.7	-24.0	Chain

CKC Laboratories, Inc. Date: 5/19/2012 Time: 9:13:48 AM Digital Path WO#: 92682
 15.247(d) Conducted Spurious Emissions Test Lead: Chain 0 120V 60Hz Sequence#: 58 Chain 0
 MID Channel, 26 MCS HT202S data rate, 20MHz Channel width.



- Sweep Data
- Peak Readings
- * Average Readings
- 1 - 15.247(d) Conducted Spurious Emissions
- Readings
- × QP Readings
- ▼ Ambient

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

Customer: **Digital Path**
 Specification: **15.247(d) Conducted Spurious Emissions**
 Work Order #: **92682** Date: 5/19/2012
 Test Type: **Conducted Emissions** Time: 9:07:41 AM
 Equipment: **5GHz Tri-Sector (17dBi)** Sequence#: 57
 Manufacturer: Digital Path Tested By: C. Nicklas
 Model: G5RL10T 120V 60Hz
 S/N: EMI 1

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/23/2011	2/23/2013
T1	ANP05935	Attenuator	84A-10	10/19/2011	10/19/2013
T2	ANP05843	Cable	32022-2-29094K-48TC	7/30/2010	7/30/2012

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
5GHz Tri-Sector (17dBi)*	Digital Path	G5RL10T	EMI 1

Support Devices:

Function	Manufacturer	Model #	S/N
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Test Conditions / Notes:

30-5725MHz
 Temperature: 20.6°C
 Relative Humidity: 38%
 Atmospheric Pressure: 101.4kPa
 HIGH Channel, 26 MCS HT202S data rate, 20MHz Channel width.

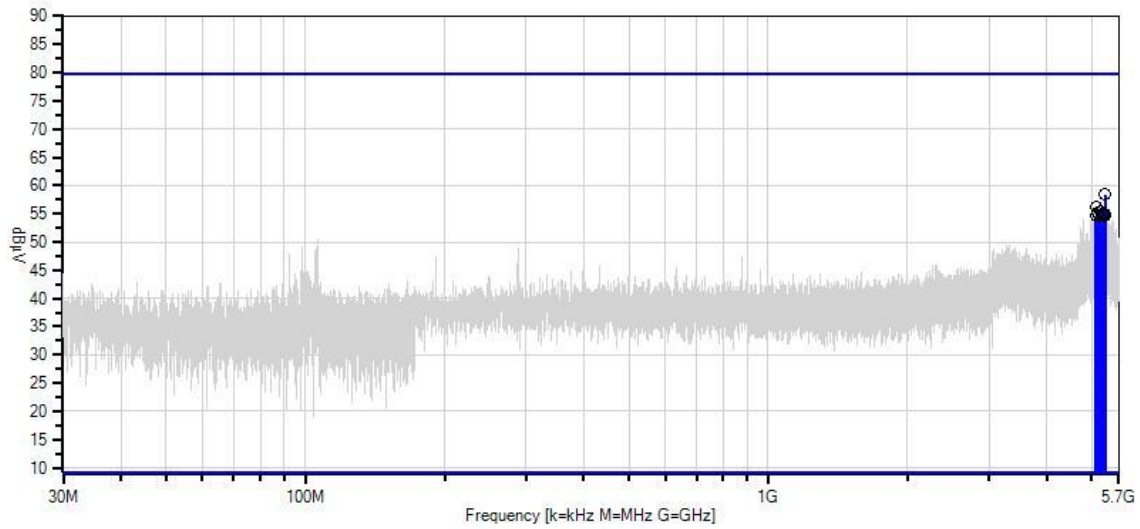
Ext Attn: 0 dB

Measurement Data: Reading listed by margin. Test Lead: Chain 0

#	Freq MHz	Rdng dBμV	T1 dB	T2 dB	Dist dB	Corr dBμV	Spec dBμV	Margin dB	Polar Ant
1	5334.126M	47.5	+9.8	+1.1	+0.0	58.4	79.7	-21.3	Chain
2	5115.386M	45.3	+9.8	+1.1	+0.0	56.2	79.7	-23.5	Chain
3	5237.723M	44.6	+9.8	+1.1	+0.0	55.5	79.7	-24.2	Chain
4	5143.105M	44.2	+9.8	+1.1	+0.0	55.1	79.7	-24.6	Chain
5	5263.937M	44.1	+9.8	+1.1	+0.0	55.0	79.7	-24.7	Chain
6	5306.220M	44.0	+9.8	+1.1	+0.0	54.9	79.7	-24.8	Chain
7	5335.629M	44.0	+9.8	+1.1	+0.0	54.9	79.7	-24.8	Chain

8	5325.387M	43.8	+9.8	+1.1	+0.0	54.7	79.7	-25.0	Chain
9	5095.185M	43.7	+9.8	+1.1	+0.0	54.6	79.7	-25.1	Chain
10	5184.259M	43.7	+9.8	+1.1	+0.0	54.6	79.7	-25.1	Chain

CKC Laboratories, Inc. Date: 5/19/2012 Time: 9:07:41 AM Digital Path WO#: 92682
 15.247(d) Conducted Spurious Emissions Test Lead: Chain 0 120V 60Hz Sequence#: 57 Chain 0
 HI Channel, 26 MCS HT202S data rate, 20MHz Channel width.



- Sweep Data
- Peak Readings
- * Average Readings
- Readings
- × QP Readings
- ▼ Ambient
- 1 - 15.247(d) Conducted Spurious Emissions

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

Customer: **Digital Path**
 Specification: **15.247(d) Conducted Spurious Emissions**
 Work Order #: **92682** Date: 5/5/2012
 Test Type: **Conducted Emissions** Time: 4:15:05 PM
 Equipment: **5GHz Tri-Sector (17dBi)** Sequence#: 37
 Manufacturer: Digital Path Tested By: C. Nicklas
 Model: G5RL10T 120V 60Hz
 S/N: EMI 1

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/23/2011	2/23/2013
T1	ANP01183	Cable	CNT-195	10/24/2011	10/24/2013

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
5GHz Tri-Sector (17dBi)*	Digital Path	G5RL10T	EMI 1

Support Devices:

Function	Manufacturer	Model #	S/N
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Test Conditions / Notes:

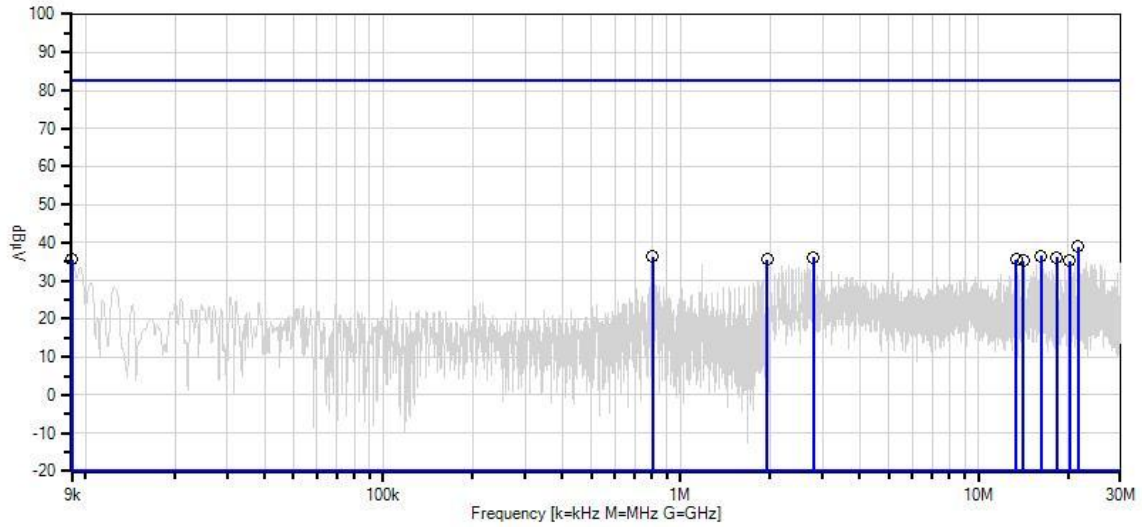
9kHz-30MHz
 Temperature: 22.2°C
 Relative Humidity: 38%
 Atmospheric Pressure: 102.0 kPa
 LOW Channel, 24 Mbps data rate, 10MHz Channel width.

Ext Attn: 0 dB

Measurement Data: Reading listed by margin. Test Lead: Chain 2

#	Freq MHz	Rdng dBµV	T1 dB	dB	dB	dB	Dist Table	Corr dBµV	Spec dBµV	Margin dB	Polar Ant
1	21.662M	38.8	+0.1				+0.0	38.9	82.5	-43.6	Chain
2	16.228M	36.4	+0.1				+0.0	36.5	82.5	-46.0	Chain
3	803.409k	36.4	+0.0				+0.0	36.4	82.5	-46.1	Chain
4	2.796M	36.1	+0.0				+0.0	36.1	82.5	-46.4	Chain
5	18.303M	36.0	+0.1				+0.0	36.1	82.5	-46.4	Chain
6	1.947M	35.7	+0.0				+0.0	35.7	82.5	-46.8	Chain
7	13.418M	35.6	+0.1				+0.0	35.7	82.5	-46.8	Chain
8	9.015k	35.6	+0.0				+0.0	35.6	82.5	-46.9	Chain
9	14.153M	35.2	+0.1				+0.0	35.3	82.5	-47.2	Chain
10	20.259M	35.2	+0.1				+0.0	35.3	82.5	-47.2	Chain

CKC Laboratories, Inc. Date: 5/5/2012 Time: 4:15:05 PM Digital Path WO#: 92682
 15.247(d) Conducted Spurious Emissions Test Lead: Chain 2 120V 60Hz Sequence#: 37 Chain 2
 LO Channel, 24 Mbps data rate, 10MHz Channel width.



- Sweep Data
- Peak Readings
- * Average Readings
- Readings
- × QP Readings
- ▼ Ambient
- 1 - 15.247(d) Conducted Spurious Emissions

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

Customer: **Digital Path**
 Specification: **15.247(d) Conducted Spurious Emissions**
 Work Order #: **92682** Date: 4/27/2012
 Test Type: **Conducted Emissions** Time: 10:16:28 AM
 Equipment: **5GHz Tri-Sector (17dBi)** Sequence#: 15
 Manufacturer: Digital Path Tested By: C. Nicklas
 Model: G5RL10T 120V 60Hz
 S/N: EMI 1

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/23/2011	2/23/2013
T1	ANP01183	Cable	CNT-195	10/24/2011	10/24/2013

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
5GHz Tri-Sector (17dBi)*	Digital Path	G5RL10T	EMI 1

Support Devices:

Function	Manufacturer	Model #	S/N
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Test Conditions / Notes:

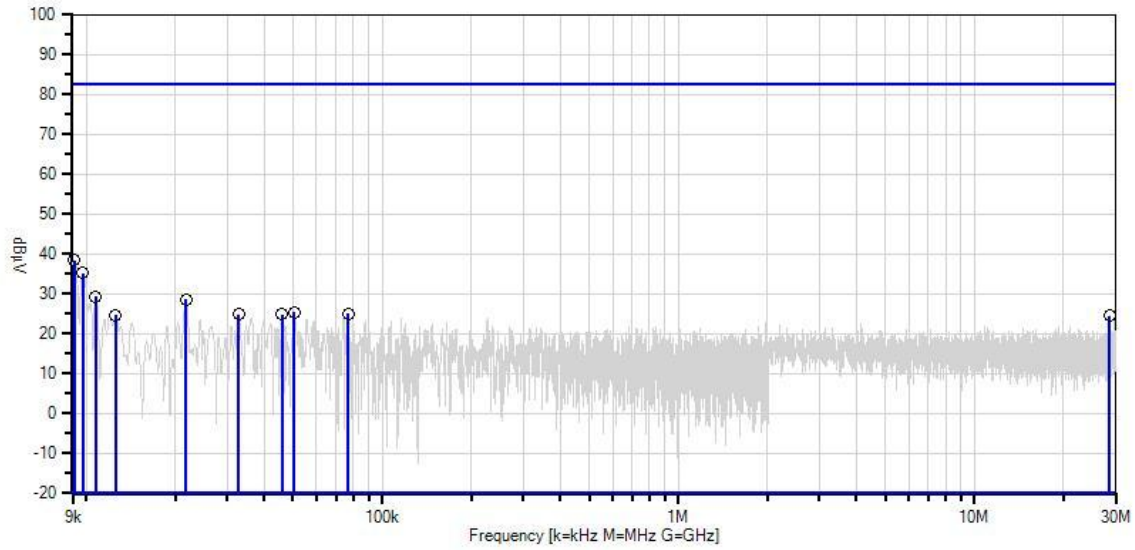
9kHz-30MHz
 Temperature: 20.6°C
 Relative Humidity: 41%
 Atmospheric Pressure: 102.3 kPa
 Mid Channel, 24 Mbps data rate, 10MHz Channel width.

Ext Attn: 0 dB

Measurement Data: Reading listed by margin. Test Lead: Chain 2

#	Freq MHz	Rdng dBμV	T1 dB	dB	dB	dB	Dist Table	Corr dBμV	Spec dBμV	Margin dB	Polar Ant
1	9.109k	38.5	+0.0				+0.0	38.5	82.5	-44.0	Chain
2	9.752k	35.3	+0.0				+0.0	35.3	82.5	-47.2	Chain
3	10.787k	29.3	+0.0				+0.0	29.3	82.5	-53.2	Chain
4	21.716k	28.6	+0.1				+0.0	28.7	82.5	-53.8	Chain
5	50.490k	25.4	+0.1				+0.0	25.5	82.5	-57.0	Chain
6	76.786k	25.0	+0.0				+0.0	25.0	82.5	-57.5	Chain
7	32.833k	24.8	+0.1				+0.0	24.9	82.5	-57.6	Chain
8	46.036k	24.8	+0.1				+0.0	24.9	82.5	-57.6	Chain
9	12.590k	24.8	+0.0				+0.0	24.8	82.5	-57.7	Chain
10	28.632M	24.4	+0.2				+0.0	24.6	82.5	-57.9	Chain

CKC Laboratories, Inc. Date: 4/27/2012 Time: 10:16:28 AM Digital Path WO#: 92682
 15.247(d) Conducted Spurious Emissions Test Lead: Chain 2 120V 60Hz Sequence#: 15 Chain 2



- Sweep Data
- Peak Readings
- * Average Readings
- 1 - 15.247(d) Conducted Spurious Emissions
- Readings
- × QP Readings
- ▼ Ambient

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

Customer: **Digital Path**
 Specification: **15.247(d) Conducted Spurious Emissions**
 Work Order #: **92682** Date: 5/5/2012
 Test Type: **Conducted Emissions** Time: 4:20:17 PM
 Equipment: **5GHz Tri-Sector (17dBi)** Sequence#: 40
 Manufacturer: Digital Path Tested By: C. Nicklas
 Model: G5RL10T 120V 60Hz
 S/N: EMI 1

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/23/2011	2/23/2013
T1	ANP01183	Cable	CNT-195	10/24/2011	10/24/2013

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
5GHz Tri-Sector (17dBi)*	Digital Path	G5RL10T	EMI 1

Support Devices:

Function	Manufacturer	Model #	S/N
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Test Conditions / Notes:

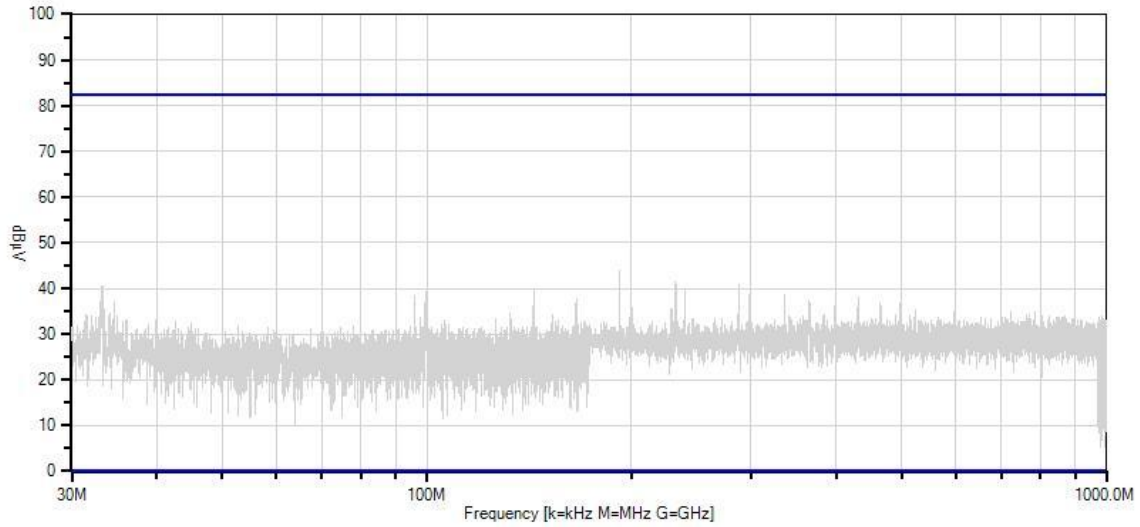
30-5725MHz
 Temperature: 22.2°C
 Relative Humidity: 38%
 Atmospheric Pressure: 102.0 kPa
 HIGH Channel, 24 Mbps data rate, 10MHz Channel width.

Ext Attn: 0 dB

Measurement Data: Reading listed by margin. Test Lead: Chain 2

#	Freq MHz	Rdng dBμV	T1 dB	dB	dB	dB	Dist Table	Corr dBμV	Spec dBμV	Margin dB	Polar Ant
1	16.232M	37.7	+0.1				+0.0	37.8	82.5	-44.7	Chain
2	23.132M	37.7	+0.1				+0.0	37.8	82.5	-44.7	Chain
3	23.069M	37.4	+0.1				+0.0	37.5	82.5	-45.0	Chain
4	14.213M	36.7	+0.1				+0.0	36.8	82.5	-45.7	Chain
5	18.247M	36.5	+0.1				+0.0	36.6	82.5	-45.9	Chain
6	24.349M	36.3	+0.1				+0.0	36.4	82.5	-46.1	Chain
7	22.887M	36.0	+0.1				+0.0	36.1	82.5	-46.4	Chain
8	17.691M	35.9	+0.1				+0.0	36.0	82.5	-46.5	Chain
9	9.093k	35.8	+0.0				+0.0	35.8	82.5	-46.7	Chain
10	15.434M	35.5	+0.1				+0.0	35.6	82.5	-46.9	Chain

CKC Laboratories, Inc. Date: 5/5/2012 Time: 4:20:17 PM Digital Path WO#: 92682
 15.247(d) Conducted Spurious Emissions Test Lead: Chain 2 120V 60Hz Sequence#: 40 Chain 2
 HI Channel, 24 Mbps data rate, 10MHz Channel width.



- Sweep Data
- Peak Readings
- * Average Readings
- 1 - 15.247(d) Conducted Spurious Emissions
- Readings
- × QP Readings
- ▼ Ambient

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

Customer: **Digital Path**
 Specification: **15.247(d) Conducted Spurious Emissions**
 Work Order #: **92682** Date: 5/5/2012
 Test Type: **Conducted Emissions** Time: 4:16:35 PM
 Equipment: **5GHz Tri-Sector (17dBi)** Sequence#: 38
 Manufacturer: Digital Path Tested By: C. Nicklas
 Model: G5RL10T 120V 60Hz
 S/N: EMI 1

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/23/2011	2/23/2013
T1	ANP01183	Cable	CNT-195	10/24/2011	10/24/2013

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
5GHz Tri-Sector (17dBi)*	Digital Path	G5RL10T	EMI 1

Support Devices:

Function	Manufacturer	Model #	S/N
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Test Conditions / Notes:

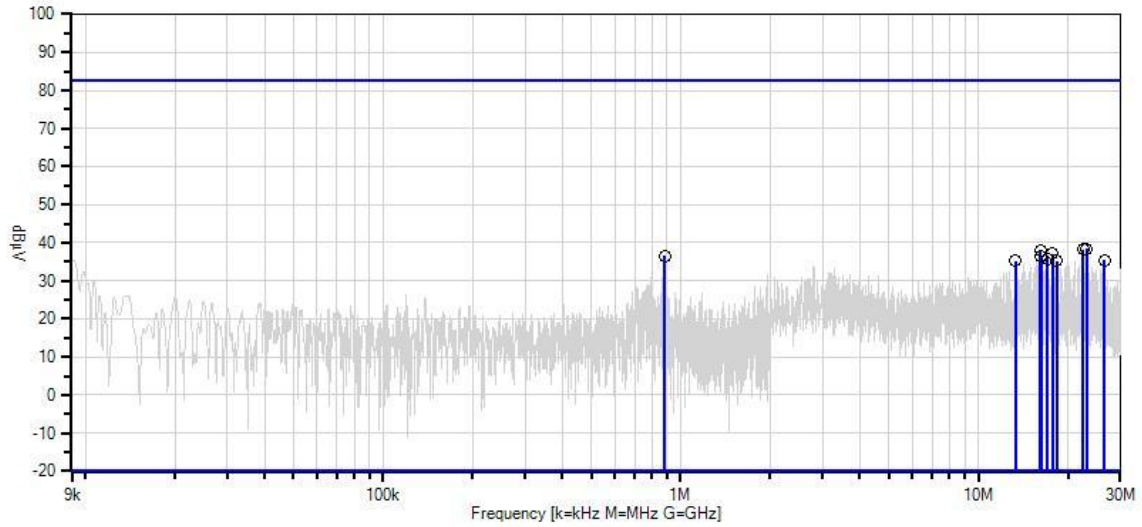
9kHz-30MHz
 Temperature: 22.2°C
 Relative Humidity: 38%
 Atmospheric Pressure: 102.0 kPa
 LOW Channel, 13 MCS HT20 2S data rate, 10MHz Channel width.

Ext Attn: 0 dB

Measurement Data: Reading listed by margin. Test Lead: Chain 2

#	Freq MHz	Rdng dBµV	T1 dB	dB	dB	dB	Dist Table	Corr dBµV	Spec dBµV	Margin dB	Polar Ant
1	23.065M	38.3	+0.1				+0.0	38.4	82.5	-44.1	Chain
2	22.460M	38.2	+0.1				+0.0	38.3	82.5	-44.2	Chain
3	16.169M	37.7	+0.1				+0.0	37.8	82.5	-44.7	Chain
4	17.691M	37.0	+0.1				+0.0	37.1	82.5	-45.4	Chain
5	16.228M	36.5	+0.1				+0.0	36.6	82.5	-45.9	Chain
6	881.409k	36.5	+0.0				+0.0	36.5	82.5	-46.0	Chain
7	17.082M	35.7	+0.1				+0.0	35.8	82.5	-46.7	Chain
8	26.487M	35.4	+0.1				+0.0	35.5	82.5	-47.0	Chain
9	13.359M	35.2	+0.1				+0.0	35.3	82.5	-47.2	Chain
10	18.303M	35.1	+0.1				+0.0	35.2	82.5	-47.3	Chain

CKC Laboratories, Inc. Date: 5/5/2012 Time: 4:16:35 PM Digital Path WO#: 92682
 15.247(d) Conducted Spurious Emissions Test Lead: Chain 2 120V 60Hz Sequence#: 38 Chain 2
 LO Channel, 13 MCS HT20 2S data rate, 10MHz Channel width.



- Sweep Data
- Peak Readings
- * Average Readings
- 1 - 15.247(d) Conducted Spurious Emissions
- Readings
- × QP Readings
- ▼ Ambient

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

Customer: **Digital Path**
 Specification: **15.247(d) Conducted Spurious Emissions**
 Work Order #: **92682** Date: 4/27/2012
 Test Type: **Conducted Emissions** Time: 10:14:26 AM
 Equipment: **5GHz Tri-Sector (17dBi)** Sequence#: 14
 Manufacturer: Digital Path Tested By: C. Nicklas
 Model: G5RL10T 120V 60Hz
 S/N: EMI 1

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/23/2011	2/23/2013
T1	ANP01183	Cable	CNT-195	10/24/2011	10/24/2013

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
5GHz Tri-Sector (17dBi)*	Digital Path	G5RL10T	EMI 1

Support Devices:

Function	Manufacturer	Model #	S/N
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Test Conditions / Notes:

9kHz-30MHz
 Temperature: 20.6°C
 Relative Humidity: 41%
 Atmospheric Pressure: 102.3 kPa
 Mid Channel, 13 HT20 2S data rate, 10MHz Channel width.

Ext Attn: 0 dB

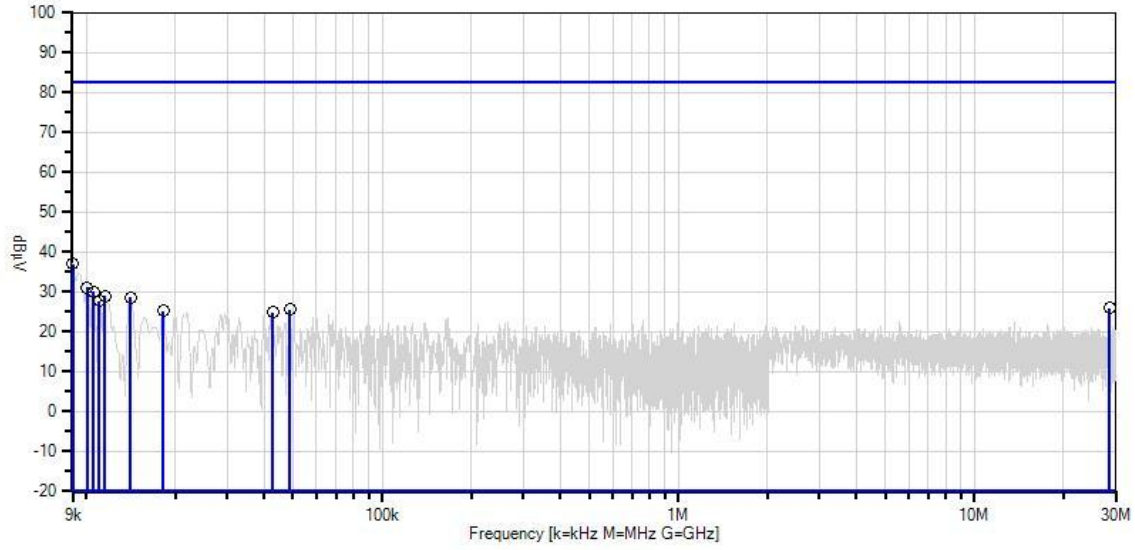
Measurement Data:

Reading listed by margin.

Test Lead: Chain 2

#	Freq MHz	Rdng dBμV	T1 dB	dB	dB	dB	Dist Table	Corr dBμV	Spec dBμV	Margin dB	Polar Ant
1	9.015k	37.1	+0.0				+0.0	37.1	82.5	-45.4	Chain
2	10.065k	31.1	+0.0				+0.0	31.1	82.5	-51.4	Chain
3	10.583k	30.0	+0.0				+0.0	30.0	82.5	-52.5	Chain
4	11.602k	29.1	+0.0				+0.0	29.1	82.5	-53.4	Chain
5	14.142k	28.6	+0.1				+0.0	28.7	82.5	-53.8	Chain
6	11.053k	27.7	+0.0				+0.0	27.7	82.5	-54.8	Chain
7	28.632M	25.7	+0.2				+0.0	25.9	82.5	-56.6	Chain
8	48.780k	25.5	+0.1				+0.0	25.6	82.5	-56.9	Chain
9	18.203k	25.1	+0.1				+0.0	25.2	82.5	-57.3	Chain
10	42.681k	24.8	+0.1				+0.0	24.9	82.5	-57.6	Chain

CKC Laboratories, Inc. Date: 4/27/2012 Time: 10:14:26 AM Digital Path WO#: 92682
 15.247(d) Conducted Spurious Emissions Test Lead: Chain 2 120V 60Hz Sequence#: 14 Chain 2



- Sweep Data
- Peak Readings
- * Average Readings
- Readings
- × QP Readings
- ▼ Ambient
- 1 - 15.247(d) Conducted Spurious Emissions

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

Customer: **Digital Path**
 Specification: **15.247(d) Conducted Spurious Emissions**
 Work Order #: **92682** Date: 5/5/2012
 Test Type: **Conducted Emissions** Time: 4:18:14 PM
 Equipment: **5GHz Tri-Sector (17dBi)** Sequence#: 39
 Manufacturer: Digital Path Tested By: C. Nicklas
 Model: G5RL10T 120V 60Hz
 S/N: EMI 1

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/23/2011	2/23/2013
T1	ANP01183	Cable	CNT-195	10/24/2011	10/24/2013

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
5GHz Tri-Sector (17dBi)*	Digital Path	G5RL10T	EMI 1

Support Devices:

Function	Manufacturer	Model #	S/N
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Test Conditions / Notes:

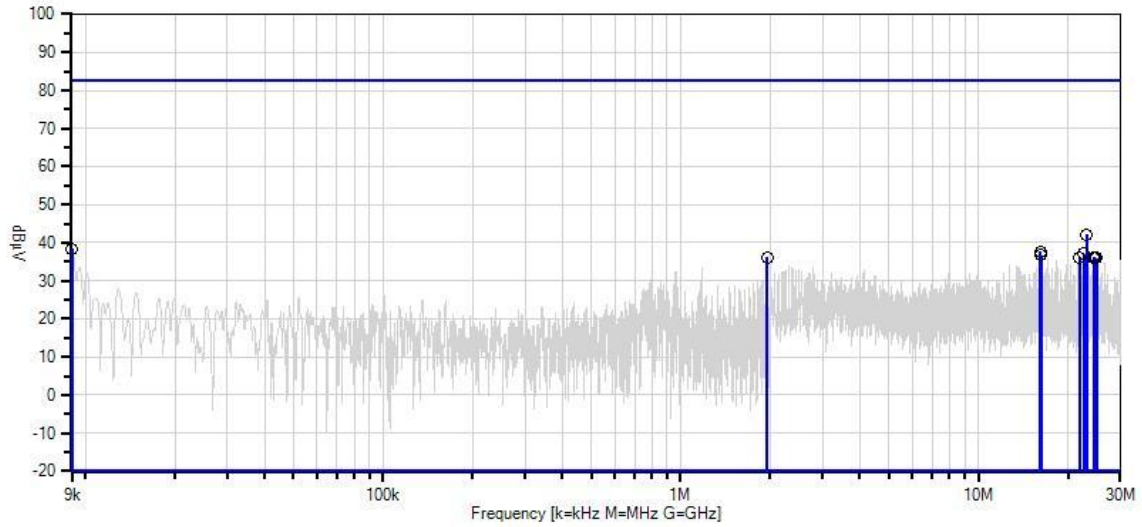
9kHz-30MHz
 Temperature: 22.2°C
 Relative Humidity: 38%
 Atmospheric Pressure: 102.0 kPa
 HIGH Channel, 13 MCS HT20 2S data rate, 10MHz Channel width.

Ext Attn: 0 dB

Measurement Data: Reading listed by margin. Test Lead: Chain 2

#	Freq MHz	Rdng dBμV	T1 dB	dB	dB	dB	Dist Table	Corr dBμV	Spec dBμV	Margin dB	Polar Ant
1	23.128M	42.0	+0.1				+0.0	42.1	82.5	-40.4	Chain
2	9.015k	38.5	+0.0				+0.0	38.5	82.5	-44.0	Chain
3	16.169M	37.5	+0.1				+0.0	37.6	82.5	-44.9	Chain
4	22.579M	37.0	+0.1				+0.0	37.1	82.5	-45.4	Chain
5	16.228M	36.6	+0.1				+0.0	36.7	82.5	-45.8	Chain
6	1.947M	36.1	+0.0				+0.0	36.1	82.5	-46.4	Chain
7	24.349M	36.0	+0.1				+0.0	36.1	82.5	-46.4	Chain
8	21.907M	35.9	+0.1				+0.0	36.0	82.5	-46.5	Chain
9	24.531M	35.9	+0.1				+0.0	36.0	82.5	-46.5	Chain
10	24.902M	35.9	+0.1				+0.0	36.0	82.5	-46.5	Chain

CKC Laboratories, Inc. Date: 5/5/2012 Time: 4:18:14 PM Digital Path WO#: 92682
 15.247(d) Conducted Spurious Emissions Test Lead: Chain 2 120V 60Hz Sequence#: 39 Chain 2
 HI Channel, 13 MCS HT20 2S data rate, 10MHz Channel width.



- Sweep Data
- Peak Readings
- * Average Readings
- 1 - 15.247(d) Conducted Spurious Emissions
- Readings
- × QP Readings
- ▼ Ambient

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

Customer: **Digital Path**
 Specification: **15.247(d) Conducted Spurious Emissions**
 Work Order #: **92682** Date: 4/30/2012
 Test Type: **Conducted Emissions** Time: 10:31:04 AM
 Equipment: **5GHz Tri-Sector (17dBi)** Sequence#: 23
 Manufacturer: Digital Path Tested By: C. Nicklas
 Model: G5RL10T 120V 60Hz
 S/N: EMI 1

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/23/2011	2/23/2013
T1	ANP05843	Cable	32022-2-29094K-48TC	7/30/2010	7/30/2012

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
5GHz Tri-Sector (17dBi)*	Digital Path	G5RL10T	EMI 1

Support Devices:

Function	Manufacturer	Model #	S/N
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Test Conditions / Notes:

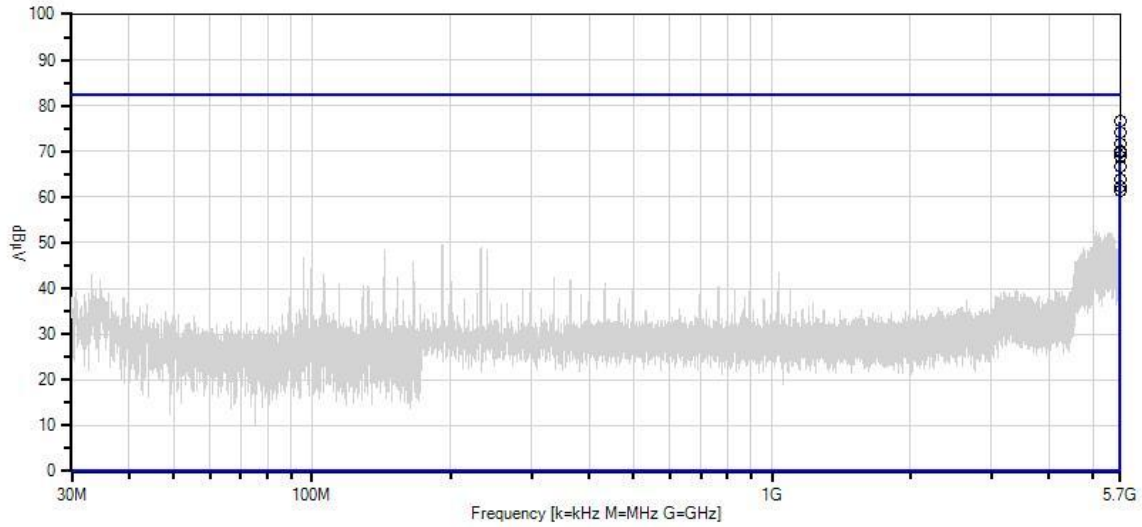
30-5725MHz
 Temperature: 20.6°C
 Relative Humidity: 44%
 Atmospheric Pressure: 101.5 kPa
 LOW Channel, 24 Mbps data rate, 10MHz Channel width.

Ext Attn: 0 dB

Measurement Data: Reading listed by margin. Test Lead: Chain 2

#	Freq MHz	Rdng dB μ V	T1 dB	dB	dB	dB	Dist Table	Corr dB μ V	Spec dB μ V	Margin dB	Polar Ant
1	5724.812M	75.4	+1.1				+0.0	76.5	82.5	-6.0	Chain
2	5723.591M	72.9	+1.1				+0.0	74.0	82.5	-8.5	Chain
3	5723.215M	70.5	+1.1				+0.0	71.6	82.5	-10.9	Chain
4	5723.403M	69.0	+1.1				+0.0	70.1	82.5	-12.4	Chain
5	5722.651M	68.6	+1.1				+0.0	69.7	82.5	-12.8	Chain
6	5720.866M	67.6	+1.1				+0.0	68.7	82.5	-13.8	Chain
7	5722.181M	65.6	+1.1				+0.0	66.7	82.5	-15.8	Chain
8	5721.242M	62.7	+1.1				+0.0	63.8	82.5	-18.7	Chain
9	5717.389M	61.3	+1.1				+0.0	62.4	82.5	-20.1	Chain
10	5718.517M	60.3	+1.1				+0.0	61.4	82.5	-21.1	Chain

CKC Laboratories, Inc. Date: 4/30/2012 Time: 10:31:04 AM Digital Path WO#: 92682
 15.247(d) Conducted Spurious Emissions Test Lead: Chain 2 120V 60Hz Sequence#: 23 Chain 2
 LO Channel, 24 Mbps data rate, 10MHz Channel Width



- Sweep Data
- Peak Readings
- * Average Readings
- 1 - 15.247(d) Conducted Spurious Emissions
- Readings
- × QP Readings
- ▼ Ambient

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

Customer: **Digital Path**
 Specification: **15.247(d) Conducted Spurious Emissions**
 Work Order #: **92682** Date: 4/27/2012
 Test Type: **Conducted Emissions** Time: 9:17:24 AM
 Equipment: **5GHz Tri-Sector (17dBi)** Sequence#: 12
 Manufacturer: Digital Path Tested By: C. Nicklas
 Model: G5RL10T 120V 60Hz
 S/N: EMI 1

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/23/2011	2/23/2013
T1	ANP05843	Cable	32022-2-29094K-48TC	7/30/2010	7/30/2012

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
5GHz Tri-Sector (17dBi)*	Digital Path	G5RL10T	EMI 1

Support Devices:

Function	Manufacturer	Model #	S/N
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Test Conditions / Notes:

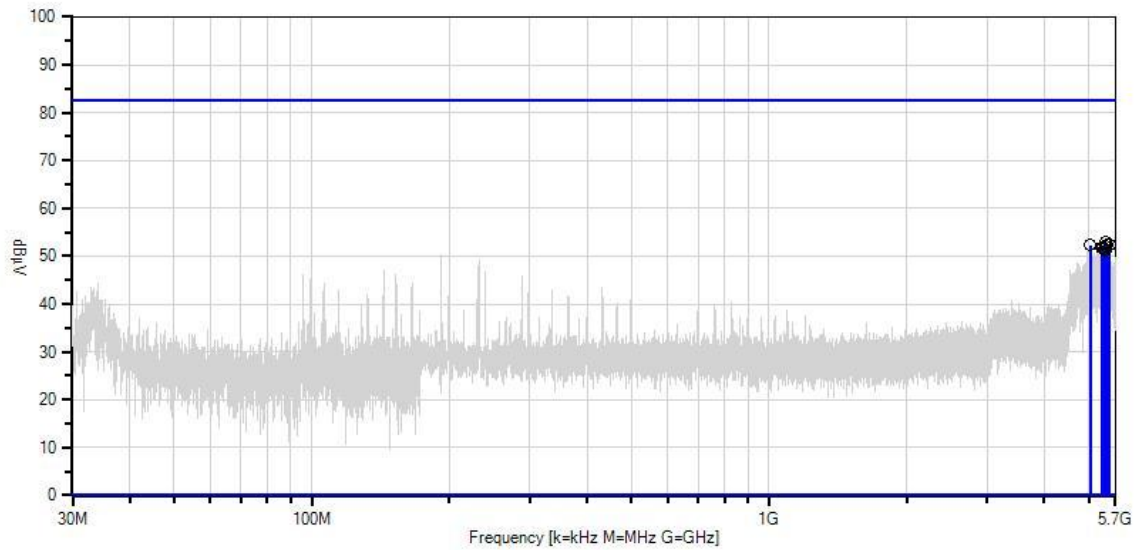
30-5725MHz
 Temperature: 20.6°C
 Relative Humidity: 41%
 Atmospheric Pressure: 102.3 kPa
 Mid Channel, 24 Mbps data rate, 10MHz Channel width.

Ext Attn: 0 dB

Measurement Data: Reading listed by margin. Test Lead: Chain 2

#	Freq MHz	Rdng dBμV	T1 dB	dB	dB	dB	Dist Table	Corr dBμV	Spec dBμV	Margin dB	Polar Ant
1	5425.737M	52.0	+1.1				+0.0	53.1	82.5	-29.4	Chain
2	5543.845M	51.4	+1.1				+0.0	52.5	82.5	-30.0	Chain
3	5466.985M	51.3	+1.1				+0.0	52.4	82.5	-30.1	Chain
4	5043.883M	51.2	+1.1				+0.0	52.3	82.5	-30.2	Chain
5	5458.435M	51.0	+1.1				+0.0	52.1	82.5	-30.4	Chain
6	5331.213M	50.8	+1.1				+0.0	51.9	82.5	-30.6	Chain
7	5362.220M	50.7	+1.1				+0.0	51.8	82.5	-30.7	Chain
8	5400.556M	50.4	+1.1				+0.0	51.5	82.5	-31.0	Chain
9	5434.381M	50.1	+1.1				+0.0	51.2	82.5	-31.3	Chain
10	5439.079M	50.1	+1.1				+0.0	51.2	82.5	-31.3	Chain

CKC Laboratories, Inc. Date: 4/27/2012 Time: 9:17:24 AM Digital Path WO#: 92682
 15.247(d) Conducted Spurious Emissions Test Lead: Chain 2 120V 60Hz Sequence#: 12 Chain 2



- Peak Readings
 - * Average Readings
 - Sweep Data
 - Readings
 - × QP Readings
 - ▼ Ambient
- 1 - 15.247(d) Conducted Spurious Emissions

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

Customer: **Digital Path**
 Specification: **15.247(d) Conducted Spurious Emissions**
 Work Order #: **92682** Date: 5/5/2012
 Test Type: **Conducted Emissions** Time: 4:46:01 PM
 Equipment: **5GHz Tri-Sector (17dBi)** Sequence#: 41
 Manufacturer: Digital Path Tested By: C. Nicklas
 Model: G5RL10T 120V 60Hz
 S/N: EMI 1

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/23/2011	2/23/2013
T1	ANP05935	Attenuator	84A-10	10/19/2011	10/19/2013
T2	ANP05843	Cable	32022-2-29094K-48TC	7/30/2010	7/30/2012

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
5GHz Tri-Sector (17dBi)*	Digital Path	G5RL10T	EMI 1

Support Devices:

Function	Manufacturer	Model #	S/N
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Test Conditions / Notes:

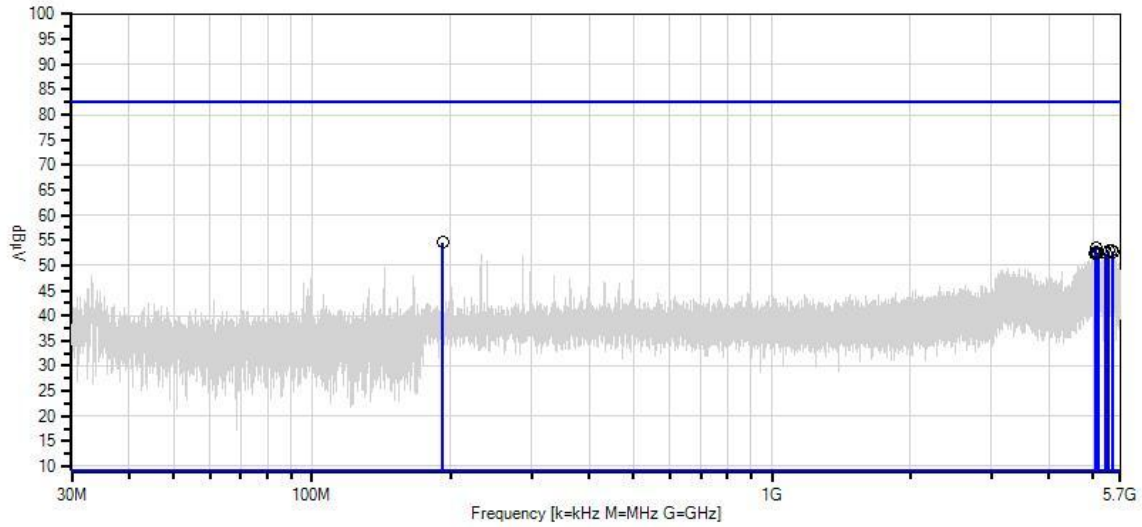
30-5725MHz
 Temperature: 22.2°C, Relative Humidity: 38%, Atmospheric Pressure: 102.0 kPa
 HI Channel, 24 Mbps data rate, 10MHz Channel width.

Ext Attn: 0 dB

Measurement Data: Reading listed by margin. Test Lead: Chain 2

#	Freq MHz	Rdng dBμV	T1 dB	T2 dB	Dist dB	Corr dB	Spec dBμV	Margin dB	Polar Ant
1	192.021M	44.8	+9.6	+0.2	+0.0	54.6	82.5	-27.9	Chain
2	5057.883M	42.5	+9.8	+1.1	+0.0	53.4	82.5	-29.1	Chain
3	5397.079M	42.0	+9.8	+1.1	+0.0	52.9	82.5	-29.6	Chain
4	5489.536M	41.9	+9.8	+1.1	+0.0	52.8	82.5	-29.7	Chain
5	5511.710M	41.8	+9.8	+1.1	+0.0	52.7	82.5	-29.8	Chain
6	5063.614M	41.7	+9.8	+1.1	+0.0	52.6	82.5	-29.9	Chain
7	5049.051M	41.6	+9.8	+1.1	+0.0	52.5	82.5	-30.0	Chain
8	5087.574M	41.6	+9.8	+1.1	+0.0	52.5	82.5	-30.0	Chain
9	5111.910M	41.6	+9.8	+1.1	+0.0	52.5	82.5	-30.0	Chain
10	5329.522M	41.4	+9.8	+1.1	+0.0	52.3	82.5	-30.2	Chain

CKC Laboratories, Inc. Date: 5/5/2012 Time: 4:46:01 PM Digital Path WO#: 92682
 15.247(d) Conducted Spurious Emissions Test Lead: Chain 2 120V 60Hz Sequence#: 41 Chain 2
 HI Channel, 24 Mbps data rate, 10MHz Channel width.



- Sweep Data
- Peak Readings
- * Average Readings
- 1 - 15.247(d) Conducted Spurious Emissions
- Readings
- × QP Readings
- ▼ Ambient

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

Customer: **Digital Path**
 Specification: **15.247(d) Conducted Spurious Emissions**
 Work Order #: **92682** Date: 4/30/2012
 Test Type: **Conducted Emissions** Time: 11:38:48 AM
 Equipment: **5GHz Tri-Sector (17dBi)** Sequence#: 26
 Manufacturer: Digital Path Tested By: C. Nicklas
 Model: G5RL10T 120V 60Hz
 S/N: EMI 1

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/23/2011	2/23/2013
T1	ANP05843	Cable	32022-2-29094K-48TC	7/30/2010	7/30/2012

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
5GHz Tri-Sector (17dBi)*	Digital Path	G5RL10T	EMI 1

Support Devices:

Function	Manufacturer	Model #	S/N
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Test Conditions / Notes:

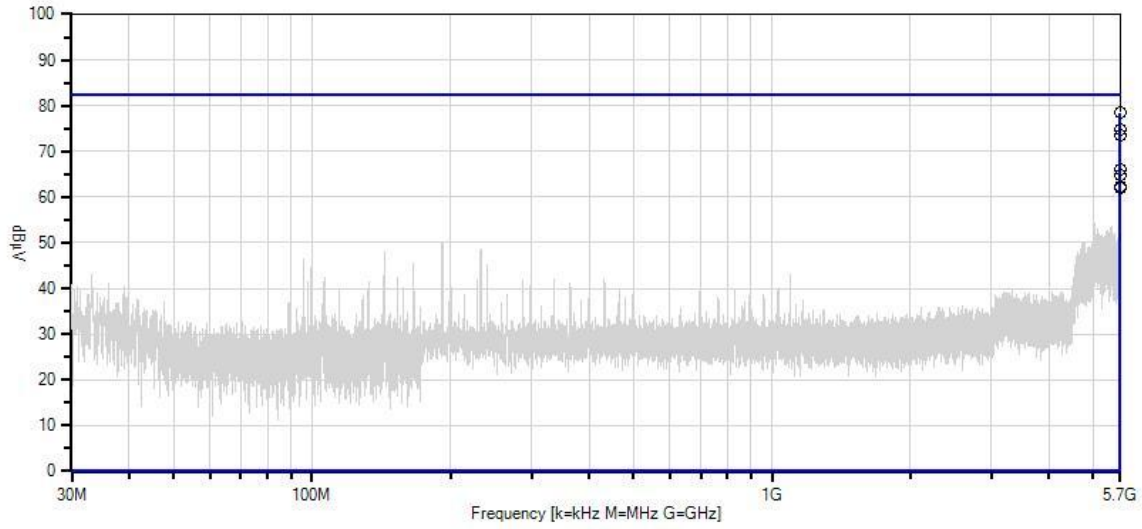
30-5725MHz
 Temperature: 20.6°C
 Relative Humidity: 44%
 Atmospheric Pressure: 101.5 kPa
 LOW Channel, 13 MCS HT20 2S data rate, 10MHz Channel width.

Ext Attn: 0 dB

Measurement Data: Reading listed by margin. Test Lead: Chain 2

#	Freq MHz	Rdng dBμV	T1 dB	dB	dB	dB	Dist Table	Corr dBμV	Spec dBμV	Margin dB	Polar Ant
1	5724.530M	77.4	+1.1				+0.0	78.5	82.5	-4.0	Chain
2	5723.779M	73.6	+1.1				+0.0	74.7	82.5	-7.8	Chain
3	5722.557M	72.3	+1.1				+0.0	73.4	82.5	-9.1	Chain
4	5722.087M	64.9	+1.1				+0.0	66.0	82.5	-16.5	Chain
5	5721.523M	63.8	+1.1				+0.0	64.9	82.5	-17.6	Chain
6	5720.584M	63.8	+1.1				+0.0	64.9	82.5	-17.6	Chain
7	5720.866M	63.6	+1.1				+0.0	64.7	82.5	-17.8	Chain
8	5718.799M	61.1	+1.1				+0.0	62.2	82.5	-20.3	Chain
9	5715.792M	60.9	+1.1				+0.0	62.0	82.5	-20.5	Chain
10	5719.738M	60.9	+1.1				+0.0	62.0	82.5	-20.5	Chain

CKC Laboratories, Inc. Date: 4/30/2012 Time: 11:38:48 AM Digital Path WO#: 92682
 15.247(d) Conducted Spurious Emissions Test Lead: Chain 2 120V 60Hz Sequence#: 26 Chain 2
 LO Channel, 13 MCS HT20 2S data rate, 10MHz Channel Width



- Sweep Data
- Peak Readings
- * Average Readings
- 1 - 15.247(d) Conducted Spurious Emissions
- Readings
- × QP Readings
- ▼ Ambient

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

Customer: **Digital Path**
 Specification: **15.247(d) Conducted Spurious Emissions**
 Work Order #: **92682** Date: 4/27/2012
 Test Type: **Conducted Emissions** Time: 1:23:58 PM
 Equipment: **5GHz Tri-Sector (17dBi)** Sequence#: 22
 Manufacturer: Digital Path Tested By: C. Nicklas
 Model: G5RL10T 120V 60Hz
 S/N: EMI 1

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/23/2011	2/23/2013
T1	ANP05843	Cable	32022-2-29094K-48TC	7/30/2010	7/30/2012

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
5GHz Tri-Sector (17dBi)*	Digital Path	G5RL10T	EMI 1

Support Devices:

Function	Manufacturer	Model #	S/N
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Test Conditions / Notes:

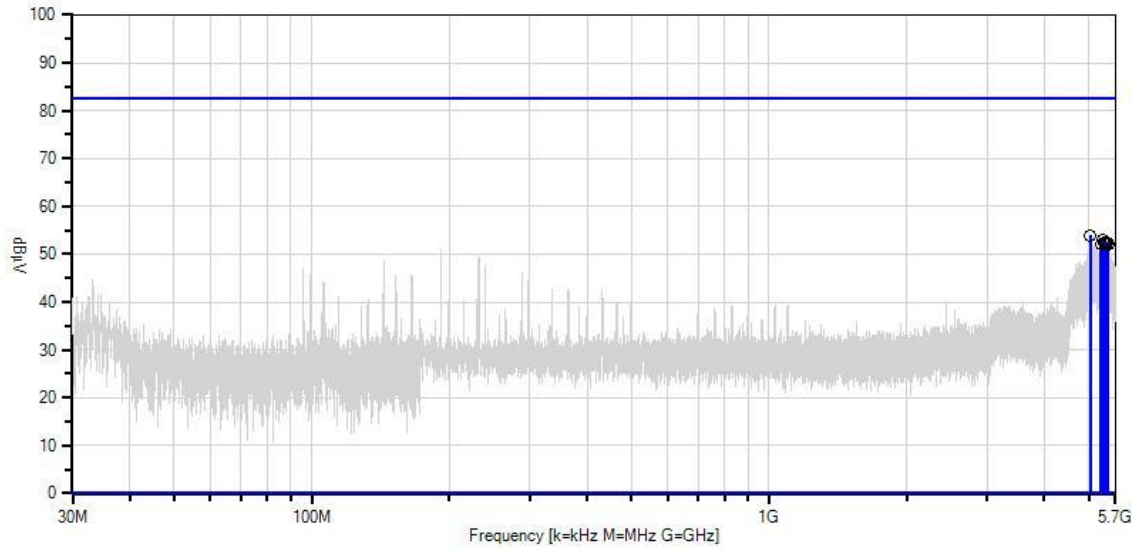
30-5725MHz
 Temperature: 20.6°C
 Relative Humidity: 41%
 Atmospheric Pressure: 102.3 kPa
 Mid Channel, 13 MCS HT20 2S data rate, 10MHz Channel width.

Ext Attn: 0 dB

Measurement Data: Reading listed by margin. Test Lead: Chain 2

#	Freq MHz	Rdng dBμV	T1 dB	dB	dB	dB	Dist Table	Corr dBμV	Spec dBμV	Margin dB	Polar Ant
1	5046.326M	52.9	+1.1				+0.0	54.0	82.5	-28.5	Chain
2	5360.810M	51.9	+1.1				+0.0	53.0	82.5	-29.5	Chain
3	5381.106M	51.9	+1.1				+0.0	53.0	82.5	-29.5	Chain
4	5445.093M	51.4	+1.1				+0.0	52.5	82.5	-30.0	Chain
5	5492.355M	51.4	+1.1				+0.0	52.5	82.5	-30.0	Chain
6	5391.911M	51.2	+1.1				+0.0	52.3	82.5	-30.2	Chain
7	5441.146M	51.1	+1.1				+0.0	52.2	82.5	-30.3	Chain
8	5509.361M	51.1	+1.1				+0.0	52.2	82.5	-30.3	Chain
9	5320.595M	51.0	+1.1				+0.0	52.1	82.5	-30.4	Chain
10	5462.851M	51.0	+1.1				+0.0	52.1	82.5	-30.4	Chain

CKC Laboratories, Inc. Date: 4/27/2012 Time: 1:23:58 PM Digital Path WO#: 92682
 15.247(d) Conducted Spurious Emissions Test Lead: Chain 2 120V 60Hz Sequence#: 22 Chain 2



- Sweep Data
- Peak Readings
- * Average Readings
- 1 - 15.247(d) Conducted Spurious Emissions
- Readings
- × QP Readings
- ▼ Ambient

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

Customer: **Digital Path**
 Specification: **15.247(d) Conducted Spurious Emissions**
 Work Order #: **92682** Date: 5/5/2012
 Test Type: **Conducted Emissions** Time: 4:52:11 PM
 Equipment: **5GHz Tri-Sector (17dBi)** Sequence#: 42
 Manufacturer: Digital Path Tested By: C. Nicklas
 Model: G5RL10T 120V 60Hz
 S/N: EMI 1

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/23/2011	2/23/2013
T1	ANP05935	Attenuator	84A-10	10/19/2011	10/19/2013
T2	ANP05843	Cable	32022-2-29094K-48TC	7/30/2010	7/30/2012

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
5GHz Tri-Sector (17dBi)*	Digital Path	G5RL10T	EMI 1

Support Devices:

Function	Manufacturer	Model #	S/N
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Test Conditions / Notes:

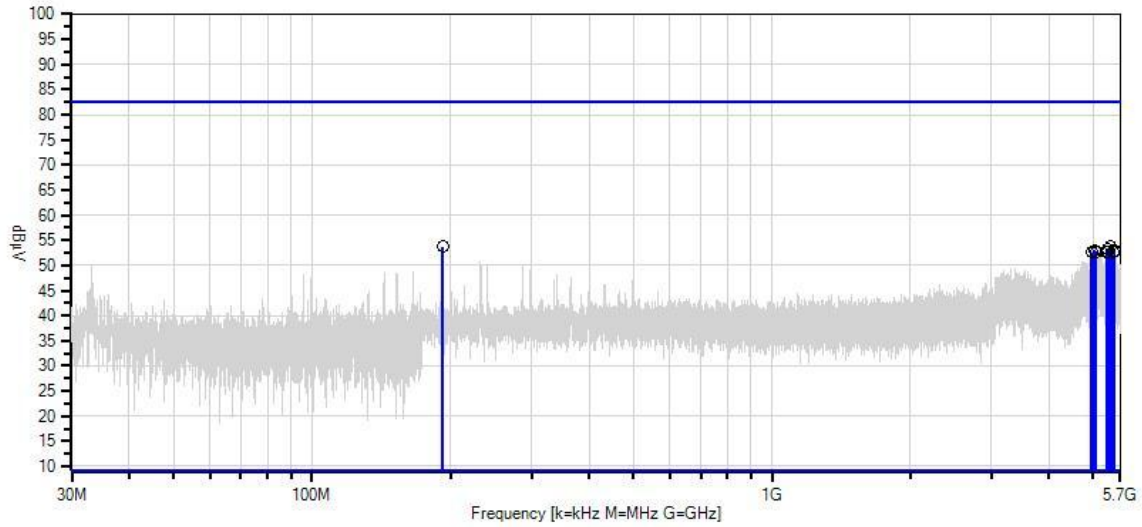
30-5725MHz
 Temperature: 22.2°C, Relative Humidity: 38%, Atmospheric Pressure: 102.0 kPa
 HIGH Channel, 13 MCS HT20 2S data rate, 10MHz Channel width.

Ext Attn: 0 dB

Measurement Data: Reading listed by margin. Test Lead: Chain 2

#	Freq MHz	Rdng dBμV	T1 dB	T2 dB	Dist dB	Corr dB	Spec dBμV	Margin dB	Polar Ant
1	192.021M	43.9	+9.6	+0.2	+0.0	53.7	82.5	-28.8	Chain
2	5447.442M	42.8	+9.8	+1.1	+0.0	53.7	82.5	-28.8	Chain
3	5364.287M	42.4	+9.8	+1.1	+0.0	53.3	82.5	-29.2	Chain
4	5031.010M	42.1	+9.8	+1.1	+0.0	53.0	82.5	-29.5	Chain
5	5555.402M	42.1	+9.8	+1.1	+0.0	53.0	82.5	-29.5	Chain
6	5065.588M	41.8	+9.8	+1.1	+0.0	52.7	82.5	-29.8	Chain
7	5333.186M	41.8	+9.8	+1.1	+0.0	52.7	82.5	-29.8	Chain
8	5541.496M	41.8	+9.8	+1.1	+0.0	52.7	82.5	-29.8	Chain
9	4960.717M	41.7	+9.8	+1.1	+0.0	52.6	82.5	-29.9	Chain
10	5379.884M	41.7	+9.8	+1.1	+0.0	52.6	82.5	-29.9	Chain

CKC Laboratories, Inc. Date: 5/5/2012 Time: 4:52:11 PM Digital Path WO#: 92682
 15.247(d) Conducted Spurious Emissions Test Lead: Chain 2 120V 60Hz Sequence#: 42 Chain 2
 HI Channel, 13 MCS HT20 2S data rate, 10MHz Channel width.



- Sweep Data
- Peak Readings
- * Average Readings
- 1 - 15.247(d) Conducted Spurious Emissions
- Readings
- × QP Readings
- ▼ Ambient

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

Customer: **Digital Path**
 Specification: **15.247(d) Conducted Spurious Emissions**
 Work Order #: **92682** Date: 5/5/2012
 Test Type: **Conducted Emissions** Time: 4:07:11 PM
 Equipment: **5GHz Tri-Sector (17dBi)** Sequence#: 34
 Manufacturer: Digital Path Tested By: C. Nicklas
 Model: G5RL10T 120V 60Hz
 S/N: EMI 1

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/23/2011	2/23/2013
T1	ANP01183	Cable	CNT-195	10/24/2011	10/24/2013

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
5GHz Tri-Sector (17dBi)*	Digital Path	G5RL10T	EMI 1

Support Devices:

Function	Manufacturer	Model #	S/N
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Test Conditions / Notes:

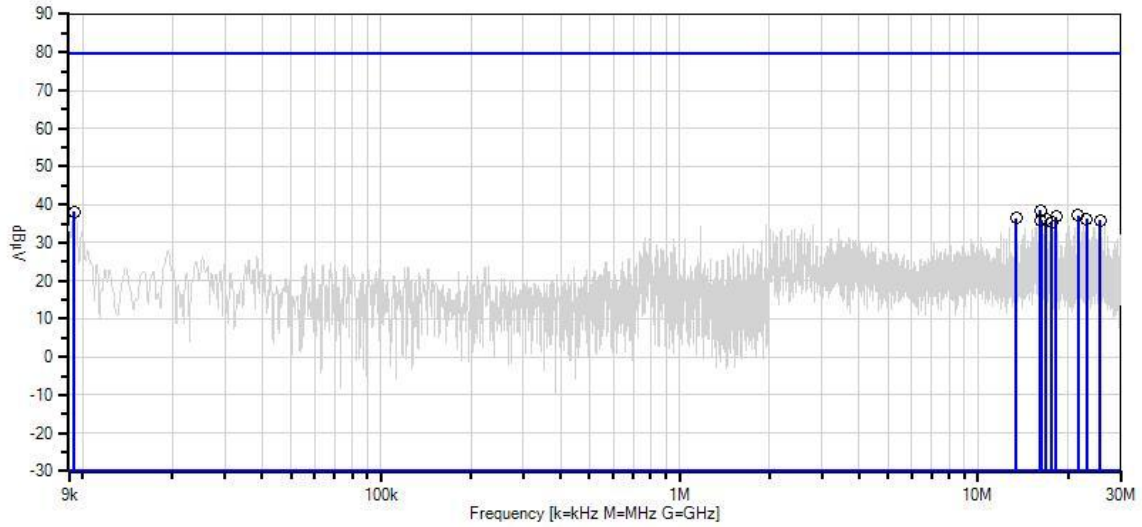
9kHz-30MHz
 Temperature: 22.2°C
 Relative Humidity: 38%
 Atmospheric Pressure: 102.0 kPa
 LOW Channel, 36 Mbps data rate, 20MHz Channel width.

Ext Attn: 0 dB

Measurement Data: Reading listed by margin. Test Lead: Chain 2

#	Freq MHz	Rdng dBμV	T1 dB	dB	dB	dB	Dist Table	Corr dBμV	Spec dBμV	Margin dB	Polar Ant
1	16.169M	38.4	+0.1				+0.0	38.5	79.7	-41.2	Chain
2	9.375k	38.1	+0.0				+0.0	38.1	79.7	-41.6	Chain
3	21.662M	37.1	+0.1				+0.0	37.2	79.7	-42.5	Chain
4	18.303M	36.8	+0.1				+0.0	36.9	79.7	-42.8	Chain
5	13.418M	36.4	+0.1				+0.0	36.5	79.7	-43.2	Chain
6	23.065M	36.2	+0.1				+0.0	36.3	79.7	-43.4	Chain
7	16.900M	35.9	+0.1				+0.0	36.0	79.7	-43.7	Chain
8	16.228M	35.8	+0.1				+0.0	35.9	79.7	-43.8	Chain
9	25.696M	35.8	+0.1				+0.0	35.9	79.7	-43.8	Chain
10	17.694M	35.5	+0.1				+0.0	35.6	79.7	-44.1	Chain

CKC Laboratories, Inc. Date: 5/5/2012 Time: 4:07:11 PM Digital Path WO#: 92682
 15.247(d) Conducted Spurious Emissions Test Lead: Chain 2 120V 60Hz Sequence#: 34 Chain 2
 LO Channel, 36 Mbps data rate, 20MHz Channel width.



- Sweep Data
- Peak Readings
- * Average Readings
- 1 - 15.247(d) Conducted Spurious Emissions
- Readings
- × QP Readings
- ▼ Ambient

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

Customer: **Digital Path**
 Specification: **15.247(d) Conducted Spurious Emissions**
 Work Order #: **92682** Date: 4/27/2012
 Test Type: **Conducted Emissions** Time: 11:42:18 AM
 Equipment: **5GHz Tri-Sector (17dBi)** Sequence#: 16
 Manufacturer: Digital Path Tested By: C. Nicklas
 Model: G5RL10T 120V 60Hz
 S/N: EMI 1

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/23/2011	2/23/2013
T1	ANP01183	Cable	CNT-195	10/24/2011	10/24/2013

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
5GHz Tri-Sector (17dBi)*	Digital Path	G5RL10T	EMI 1

Support Devices:

Function	Manufacturer	Model #	S/N
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Test Conditions / Notes:

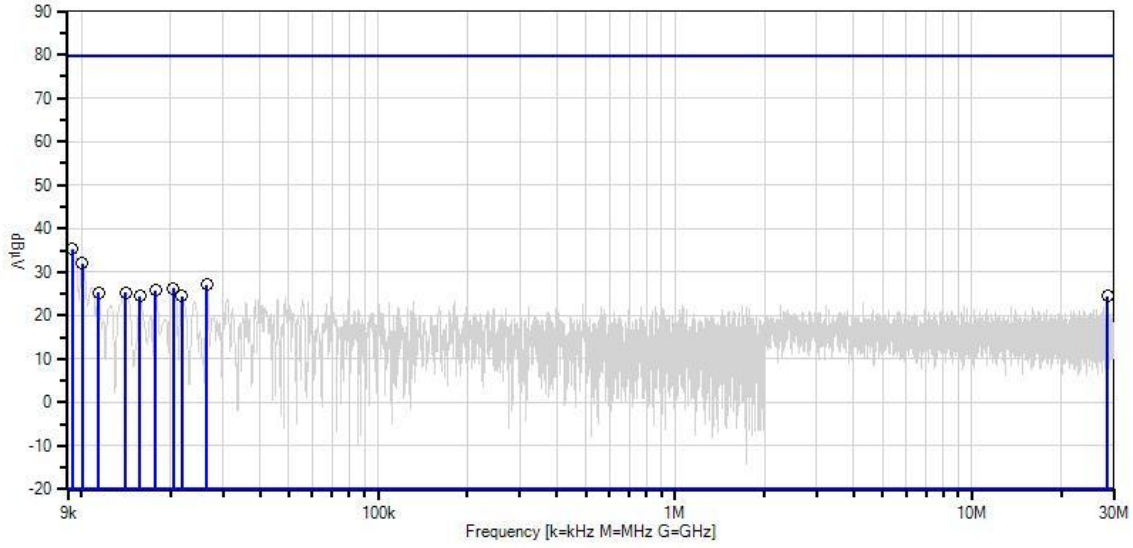
9kHz-30MHz
 Temperature: 20.6°C
 Relative Humidity: 41%
 Atmospheric Pressure: 102.3 kPa
 Mid Channel, 36 Mbps data rate, 20MHz Channel width.

Ext Attn: 0 dB

Measurement Data: Reading listed by margin. Test Lead: Chain 2

#	Freq MHz	Rdng dBμV	T1 dB	dB	dB	dB	Dist Table	Corr dBμV	Spec dBμV	Margin dB	Polar Ant
1	9.344k	35.3	+0.0				+0.0	35.3	79.7	-44.4	Chain
2	10.081k	31.9	+0.0				+0.0	31.9	79.7	-47.8	Chain
3	26.530k	27.0	+0.1				+0.0	27.1	79.7	-52.6	Chain
4	20.399k	26.1	+0.1				+0.0	26.2	79.7	-53.5	Chain
5	17.827k	25.6	+0.1				+0.0	25.7	79.7	-54.0	Chain
6	14.142k	25.2	+0.1				+0.0	25.3	79.7	-54.4	Chain
7	11.429k	25.2	+0.0				+0.0	25.2	79.7	-54.5	Chain
8	15.789k	24.4	+0.1				+0.0	24.5	79.7	-55.2	Chain
9	21.873k	24.4	+0.1				+0.0	24.5	79.7	-55.2	Chain
10	28.628M	24.2	+0.2				+0.0	24.4	79.7	-55.3	Chain

CKC Laboratories, Inc. Date: 4/27/2012 Time: 11:42:18 AM Digital Path WO#: 92682
 15.247(d) Conducted Spurious Emissions Test Lead: Chain 2 120V 60Hz Sequence#: 16 Chain 2



- Sweep Data
- Peak Readings
- * Average Readings
- Readings
- × QP Readings
- ▼ Ambient
- 1 - 15.247(d) Conducted Spurious Emissions

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

Customer: **Digital Path**
 Specification: **15.247(d) Conducted Spurious Emissions**
 Work Order #: **92682** Date: 5/5/2012
 Test Type: **Conducted Emissions** Time: 4:08:49 PM
 Equipment: **5GHz Tri-Sector (17dBi)** Sequence#: 35
 Manufacturer: Digital Path Tested By: C. Nicklas
 Model: G5RL10T 120V 60Hz
 S/N: EMI 1

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/23/2011	2/23/2013
T1	ANP01183	Cable	CNT-195	10/24/2011	10/24/2013

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
5GHz Tri-Sector (17dBi)*	Digital Path	G5RL10T	EMI 1

Support Devices:

Function	Manufacturer	Model #	S/N
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Test Conditions / Notes:

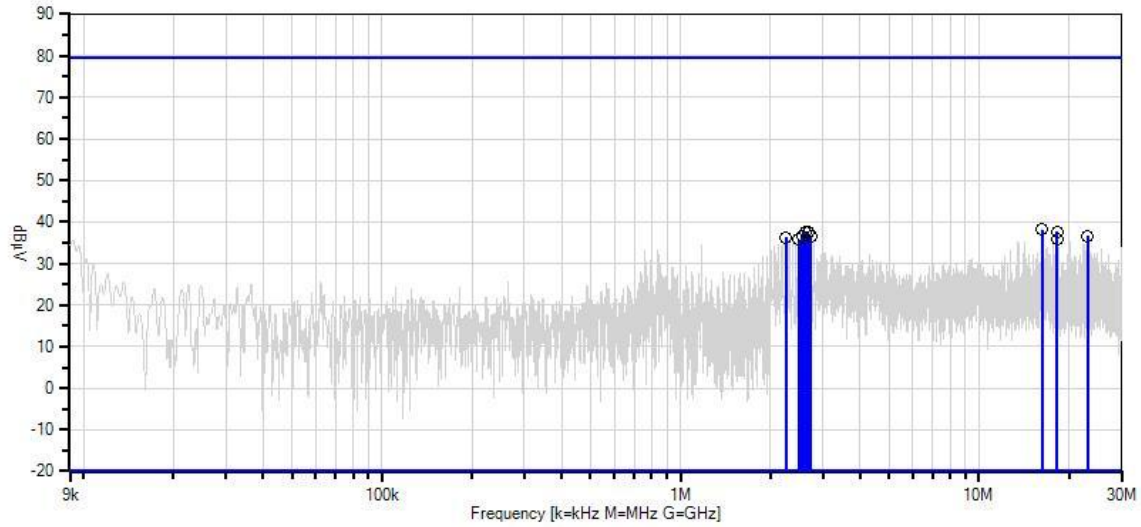
9kHz-30MHz
 Temperature: 22.2°C
 Relative Humidity: 38%
 Atmospheric Pressure: 102.0 kPa
 HIGH Channel, 36 Mbps data rate, 20MHz Channel width.

Ext Attn: 0 dB

Measurement Data: Reading listed by margin. Test Lead: Chain 2

#	Freq MHz	Rdng dBμV	T1 dB	dB	dB	dB	Dist Table	Corr dBμV	Spec dBμV	Margin dB	Polar Ant
1	16.228M	38.1	+0.1				+0.0	38.2	79.7	-41.5	Chain
2	18.243M	37.6	+0.1				+0.0	37.7	79.7	-42.0	Chain
3	2.617M	37.6	+0.0				+0.0	37.6	79.7	-42.1	Chain
4	2.677M	37.5	+0.0				+0.0	37.5	79.7	-42.2	Chain
5	23.125M	36.6	+0.1				+0.0	36.7	79.7	-43.0	Chain
6	2.554M	36.7	+0.0				+0.0	36.7	79.7	-43.0	Chain
7	2.736M	36.4	+0.0				+0.0	36.4	79.7	-43.3	Chain
8	2.250M	36.2	+0.0				+0.0	36.2	79.7	-43.5	Chain
9	2.491M	35.8	+0.0				+0.0	35.8	79.7	-43.9	Chain
10	18.303M	35.7	+0.1				+0.0	35.8	79.7	-43.9	Chain

CKC Laboratories, Inc. Date: 5/5/2012 Time: 4:08:49 PM Digital Path WO#: 92682
 15.247(d) Conducted Spurious Emissions Test Lead: Chain 2 120V 60Hz Sequence#: 35 Chain 2
 HI Channel, 36 Mbps data rate, 20MHz Channel width.



- Sweep Data
 - Peak Readings
 - * Average Readings
 - Readings
 - × QP Readings
 - ▼ Ambient
- 1 - 15.247(d) Conducted Spurious Emissions

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

Customer: **Digital Path**
 Specification: **15.247(d) Conducted Spurious Emissions**
 Work Order #: **92682** Date: 5/5/2012
 Test Type: **Conducted Emissions** Time: 4:04:52 PM
 Equipment: **5GHz Tri-Sector (17dBi)** Sequence#: 33
 Manufacturer: Digital Path Tested By: C. Nicklas
 Model: G5RL10T 120V 60Hz
 S/N: EMI 1

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/23/2011	2/23/2013
T1	ANP01183	Cable	CNT-195	10/24/2011	10/24/2013

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
5GHz Tri-Sector (17dBi)*	Digital Path	G5RL10T	EMI 1

Support Devices:

Function	Manufacturer	Model #	S/N
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Test Conditions / Notes:

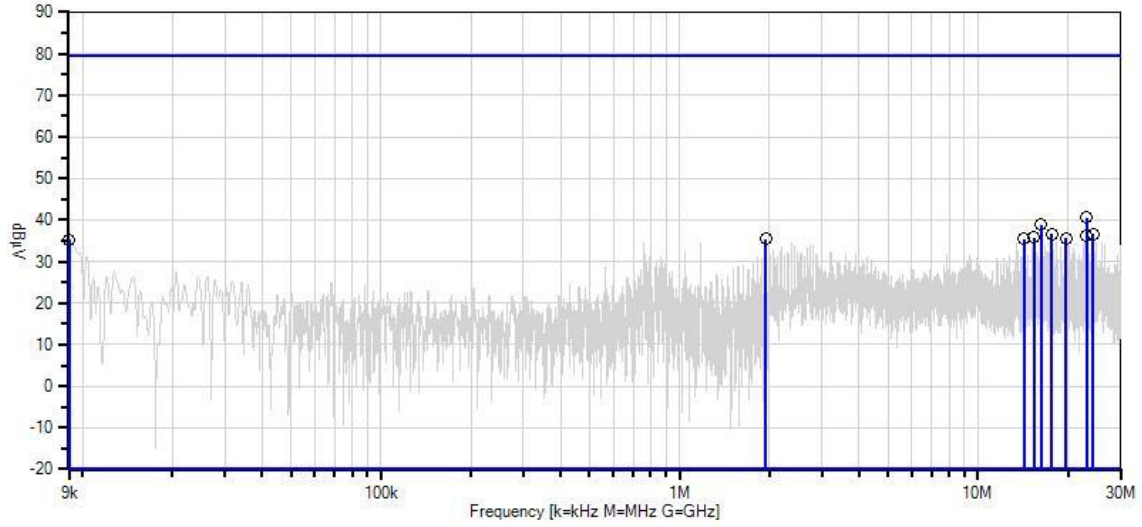
9kHz-30MHz
 Temperature: 22.2°C
 Relative Humidity: 38%
 Atmospheric Pressure: 102.0 kPa
 LOW Channel, 26 MCS HT20 2S data rate, 20MHz Channel width.

Ext Attn: 0 dB

Measurement Data: Reading listed by margin. Test Lead: Chain 2

#	Freq MHz	Rdng dBμV	T1 dB	dB	dB	dB	Dist Table	Corr dBμV	Spec dBμV	Margin dB	Polar Ant
1	23.125M	40.5	+0.1				+0.0	40.6	79.7	-39.1	Chain
2	16.228M	38.8	+0.1				+0.0	38.9	79.7	-40.8	Chain
3	17.694M	36.6	+0.1				+0.0	36.7	79.7	-43.0	Chain
4	24.349M	36.5	+0.1				+0.0	36.6	79.7	-43.1	Chain
5	23.065M	36.2	+0.1				+0.0	36.3	79.7	-43.4	Chain
6	15.434M	35.7	+0.1				+0.0	35.8	79.7	-43.9	Chain
7	19.710M	35.5	+0.1				+0.0	35.6	79.7	-44.1	Chain
8	14.276M	35.4	+0.1				+0.0	35.5	79.7	-44.2	Chain
9	1.946M	35.4	+0.0				+0.0	35.4	79.7	-44.3	Chain
10	9.015k	35.2	+0.0				+0.0	35.2	79.7	-44.5	Chain

CKC Laboratories, Inc. Date: 5/5/2012 Time: 4:04:52 PM Digital Path WO#: 92682
 15.247(d) Conducted Spurious Emissions Test Lead: Chain 2 120V 60Hz Sequence#: 33 Chain 2
 LO Channel, 26 MCS HT20 2S data rate, 20MHz Channel width.



- Sweep Data
- Peak Readings
- * Average Readings
- 1 - 15.247(d) Conducted Spurious Emissions
- Readings
- × QP Readings
- ▼ Ambient

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

Customer: **Digital Path**
 Specification: **15.247(d) Conducted Spurious Emissions**
 Work Order #: **92682** Date: 4/27/2012
 Test Type: **Conducted Emissions** Time: 11:40:52 AM
 Equipment: **5GHz Tri-Sector (17dBi)** Sequence#: 17
 Manufacturer: Digital Path Tested By: C. Nicklas
 Model: G5RL10T 120V 60Hz
 S/N: EMI 1

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/23/2011	2/23/2013
T1	ANP01183	Cable	CNT-195	10/24/2011	10/24/2013

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
5GHz Tri-Sector (17dBi)*	Digital Path	G5RL10T	EMI 1

Support Devices:

Function	Manufacturer	Model #	S/N
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Test Conditions / Notes:

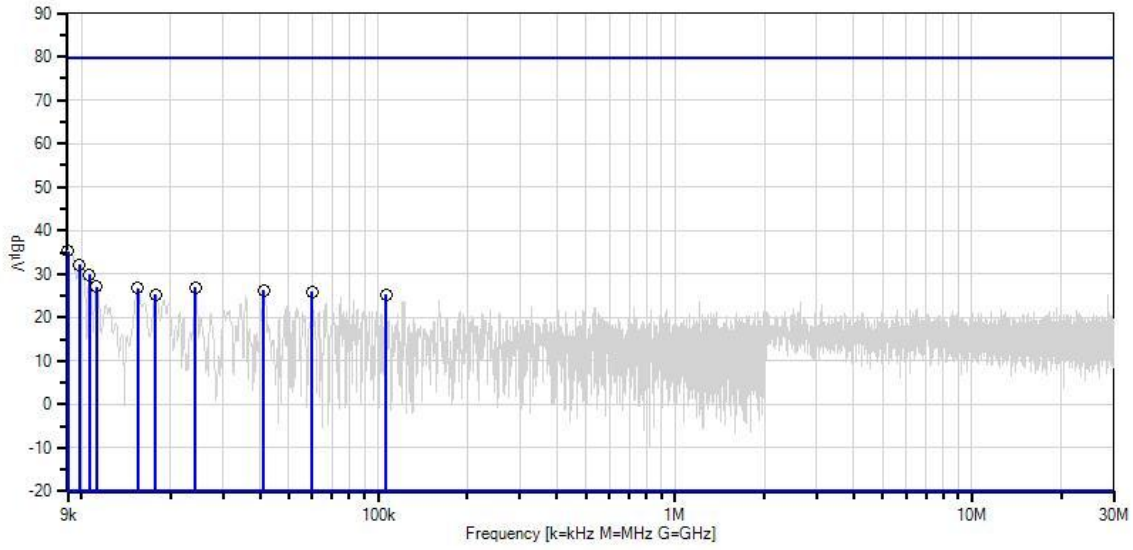
9kHz-30MHz
 Temperature: 20.6°C
 Relative Humidity: 41%
 Atmospheric Pressure: 102.3 kPa
 Mid Channel, 26 HT202S data rate, 20MHz Channel width.

Ext Attn: 0 dB

Measurement Data: Reading listed by margin. Test Lead: Chain 2

#	Freq MHz	Rdng dBμV	T1 dB	dB	dB	dB	Dist Table	Corr dBμV	Spec dBμV	Margin dB	Polar Ant
1	9.015k	35.3	+0.0				+0.0	35.3	79.7	-44.4	Chain
2	9.846k	32.2	+0.0				+0.0	32.2	79.7	-47.5	Chain
3	10.677k	29.9	+0.0				+0.0	29.9	79.7	-49.8	Chain
4	11.226k	27.1	+0.0				+0.0	27.1	79.7	-52.6	Chain
5	24.256k	26.8	+0.1				+0.0	26.9	79.7	-52.8	Chain
6	15.475k	26.7	+0.1				+0.0	26.8	79.7	-52.9	Chain
7	41.238k	26.2	+0.1				+0.0	26.3	79.7	-53.4	Chain
8	59.961k	25.8	+0.1				+0.0	25.9	79.7	-53.8	Chain
9	17.780k	25.1	+0.1				+0.0	25.2	79.7	-54.5	Chain
10	106.344k	25.2	+0.0				+0.0	25.2	79.7	-54.5	Chain

CKC Laboratories, Inc. Date: 4/27/2012 Time: 11:40:52 AM Digital Path WO#: 92682
 15.247(d) Conducted Spurious Emissions Test Lead: Chain 2 120V 60Hz Sequence#: 17 Chain 2



- Sweep Data
- Peak Readings
- * Average Readings
- 1 - 15.247(d) Conducted Spurious Emissions
- Readings
- × QP Readings
- ▼ Ambient

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

Customer: **Digital Path**
 Specification: **15.247(d) Conducted Spurious Emissions**
 Work Order #: **92682** Date: 5/5/2012
 Test Type: **Conducted Emissions** Time: 4:10:45 PM
 Equipment: **5GHz Tri-Sector (17dBi)** Sequence#: 36
 Manufacturer: Digital Path Tested By: C. Nicklas
 Model: G5RL10T 120V 60Hz
 S/N: EMI 1

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/23/2011	2/23/2013
T1	ANP01183	Cable	CNT-195	10/24/2011	10/24/2013

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
5GHz Tri-Sector (17dBi)*	Digital Path	G5RL10T	EMI 1

Support Devices:

Function	Manufacturer	Model #	S/N
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Test Conditions / Notes:

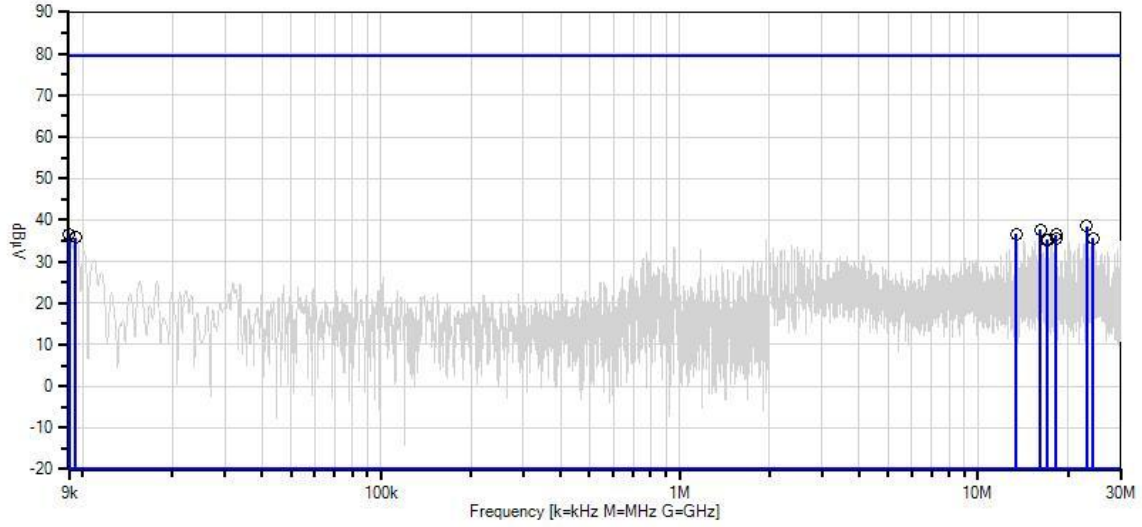
9kHz-30MHz
 Temperature: 22.2°C
 Relative Humidity: 38%
 Atmospheric Pressure: 102.0 kPa
 HIGH Channel, 26 MCS HT20 2S data rate, 20MHz Channel width.

Ext Attn: 0 dB

Measurement Data: Reading listed by margin. Test Lead: Chain 2

#	Freq MHz	Rdng dBμV	T1 dB	dB	dB	dB	Dist Table	Corr dBμV	Spec dBμV	Margin dB	Polar Ant
1	23.132M	38.4	+0.1				+0.0	38.5	79.7	-41.2	Chain
2	16.169M	37.6	+0.1				+0.0	37.7	79.7	-42.0	Chain
3	9.015k	36.7	+0.0				+0.0	36.7	79.7	-43.0	Chain
4	13.418M	36.6	+0.1				+0.0	36.7	79.7	-43.0	Chain
5	18.243M	36.4	+0.1				+0.0	36.5	79.7	-43.2	Chain
6	9.501k	35.8	+0.0				+0.0	35.8	79.7	-43.9	Chain
7	24.349M	35.5	+0.1				+0.0	35.6	79.7	-44.1	Chain
8	18.303M	35.3	+0.1				+0.0	35.4	79.7	-44.3	Chain
9	16.959M	35.1	+0.1				+0.0	35.2	79.7	-44.5	Chain
10	17.085M	35.1	+0.1				+0.0	35.2	79.7	-44.5	Chain

CKC Laboratories, Inc. Date: 5/5/2012 Time: 4:10:45 PM Digital Path WO#: 92682
 15.247(d) Conducted Spurious Emissions Test Lead: Chain 2 120V 60Hz Sequence#: 36 Chain 2
 HI Channel, 26 MCS HT20 2S data rate, 20MHz Channel width.



- Sweep Data
- Peak Readings
- * Average Readings
- 1 - 15.247(d) Conducted Spurious Emissions
- Readings
- × QP Readings
- ▼ Ambient

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

Customer: **Digital Path**
 Specification: **15.247(d) Conducted Spurious Emissions**
 Work Order #: **92682** Date: 5/5/2012
 Test Type: **Conducted Emissions** Time: 15:37:55
 Equipment: **5GHz Tri-Sector (17dBi)** Sequence#: 31
 Manufacturer: Digital Path Tested By: C. Nicklas
 Model: G5RL10T 120V 60Hz
 S/N: EMI 1

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/23/2011	2/23/2013
T1	ANP05843	Cable	32022-2-29094K-48TC	7/30/2010	7/30/2012
T2	ANP05935	Attenuator	84A-10	10/19/2011	10/19/2013

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
5GHz Tri-Sector (17dBi)*	Digital Path	G5RL10T	EMI 1

Support Devices:

Function	Manufacturer	Model #	S/N
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Test Conditions / Notes:

30-5725MHz
 Temperature: 22.2°C
 Relative Humidity: 38%
 Atmospheric Pressure: 102.0 kPa
 LOW Channel, 36 Mbps data rate, 20MHz Channel width.

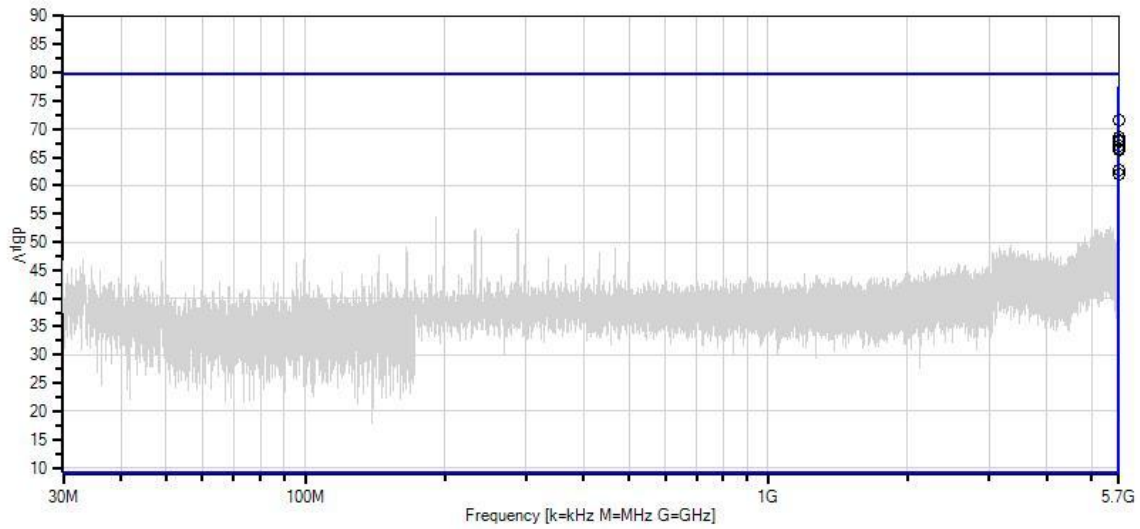
Ext Attn: 0 dB

Measurement Data: Reading listed by margin. Test Lead: Chain 2

#	Freq MHz	Rdng dBμV	T1 dB	T2 dB	Dist dB	Corr dBμV	Spec dBμV	Margin dB	Polar Ant
1	5725.000M	66.5	+1.1	+9.8	+0.0	77.4	79.7	-2.3	Chain
2	5724.624M	60.6	+1.1	+9.8	+0.0	71.5	79.7	-8.2	Chain
3	5723.309M	57.7	+1.1	+9.8	+0.0	68.6	79.7	-11.1	Chain
4	5723.966M	57.2	+1.1	+9.8	+0.0	68.1	79.7	-11.6	Chain
5	5720.866M	57.1	+1.1	+9.8	+0.0	68.0	79.7	-11.7	Chain
6	5722.745M	57.0	+1.1	+9.8	+0.0	67.9	79.7	-11.8	Chain
7	5721.805M	56.2	+1.1	+9.8	+0.0	67.1	79.7	-12.6	Chain
8	5722.369M	55.7	+1.1	+9.8	+0.0	66.6	79.7	-13.1	Chain

9	5720.396M	55.3	+1.1	+9.8	+0.0	66.2	79.7	-13.5	Chain
10	5719.268M	51.8	+1.1	+9.8	+0.0	62.7	79.7	-17.0	Chain
11	5715.604M	51.2	+1.1	+9.8	+0.0	62.1	79.7	-17.6	Chain

CKC Laboratories, Inc. Date: 5/5/2012 Time: 15:37:55 Digital Path WO#: 92682
 15.247(d) Conducted Spurious Emissions Test Lead: Chain 2 120V 60Hz Sequence#: 31 Chain 2
 LO Channel, 36 Mbps data rate, 20MHz Channel width.



- Sweep Data
- Peak Readings
- * Average Readings
- Readings
- × QP Readings
- ▼ Ambient
- 1 - 15.247(d) Conducted Spurious Emissions

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

Customer: **Digital Path**
 Specification: **15.247(d) Conducted Spurious Emissions**
 Work Order #: **92682** Date: 4/27/2012
 Test Type: **Conducted Emissions** Time: 1:11:41 PM
 Equipment: **5GHz Tri-Sector (17dBi)** Sequence#: 21
 Manufacturer: Digital Path Tested By: C. Nicklas
 Model: G5RL10T 120V 60Hz
 S/N: EMI 1

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/23/2011	2/23/2013
T1	ANP05843	Cable	32022-2-29094K-48TC	7/30/2010	7/30/2012

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
5GHz Tri-Sector (17dBi)*	Digital Path	G5RL10T	EMI 1

Support Devices:

Function	Manufacturer	Model #	S/N
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Test Conditions / Notes:

30-5725MHz
 Temperature: 20.6°C
 Relative Humidity: 41%
 Atmospheric Pressure: 102.3 kPa
 Mid Channel, 36 Mbps data rate, 20MHz Channel width.

Ext Attn: 0 dB

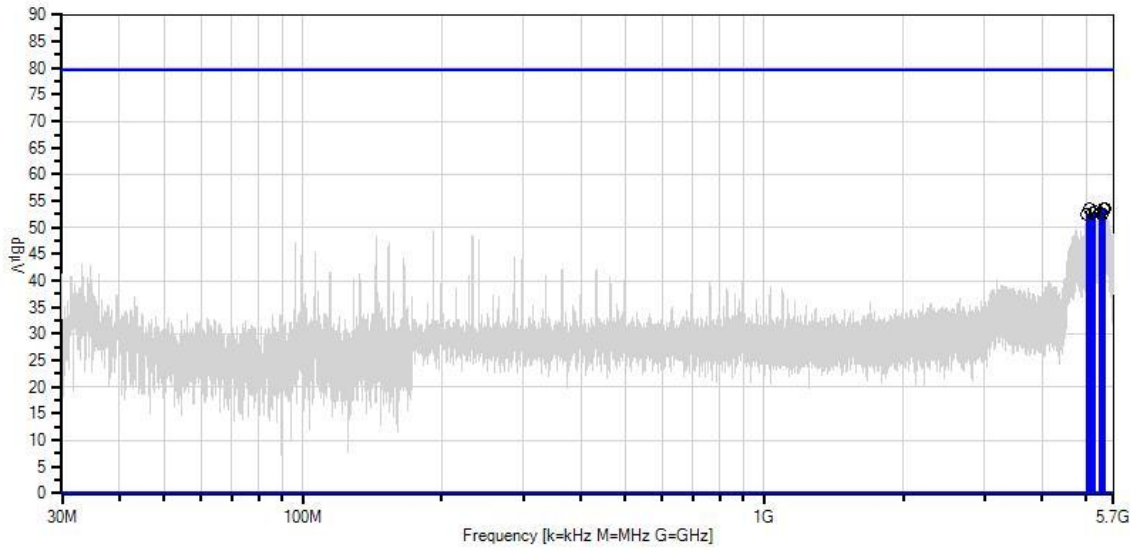
Measurement Data:

Reading listed by margin.

Test Lead: Chain 2

#	Freq MHz	Rdng dBμV	T1 dB	dB	dB	dB	Dist Table	Corr dBμV	Spec dBμV	Margin dB	Polar Ant
1	5078.366M	52.6	+1.1				+0.0	53.7	79.7	-26.0	Chain
2	5437.858M	52.6	+1.1				+0.0	53.7	79.7	-26.0	Chain
3	5472.247M	52.5	+1.1				+0.0	53.6	79.7	-26.1	Chain
4	5213.951M	51.9	+1.1				+0.0	53.0	79.7	-26.7	Chain
5	5141.695M	51.8	+1.1				+0.0	52.9	79.7	-26.8	Chain
6	5353.294M	51.7	+1.1				+0.0	52.8	79.7	-26.9	Chain
7	5381.388M	51.7	+1.1				+0.0	52.8	79.7	-26.9	Chain
8	5383.267M	51.7	+1.1				+0.0	52.8	79.7	-26.9	Chain
9	5002.916M	51.5	+1.1				+0.0	52.6	79.7	-27.1	Chain
10	5412.676M	51.4	+1.1				+0.0	52.5	79.7	-27.2	Chain

CKC Laboratories, Inc. Date: 4/27/2012 Time: 1:11:41 PM Digital Path WO#: 92682
 15.247(d) Conducted Spurious Emissions Test Lead: Chain 2 120V 60Hz Sequence#: 21 Chain 2



- Sweep Data
- Peak Readings
- * Average Readings
- Readings
- × QP Readings
- ▼ Ambient
- 1 - 15.247(d) Conducted Spurious Emissions

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

Customer: **Digital Path**
 Specification: **15.247(d) Conducted Spurious Emissions**
 Work Order #: **92682** Date: 5/5/2012
 Test Type: **Conducted Emissions** Time: 3:00:43 PM
 Equipment: **5GHz Tri-Sector (17dBi)** Sequence#: 30
 Manufacturer: Digital Path Tested By: C. Nicklas
 Model: G5RL10T 120V 60Hz
 S/N: EMI 1

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/23/2011	2/23/2013
T1	ANP05843	Cable	32022-2-29094K-48TC	7/30/2010	7/30/2012
T2	ANP05935	Attenuator	84A-10	10/19/2011	10/19/2013

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
5GHz Tri-Sector (17dBi)*	Digital Path	G5RL10T	EMI 1

Support Devices:

Function	Manufacturer	Model #	S/N
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Test Conditions / Notes:

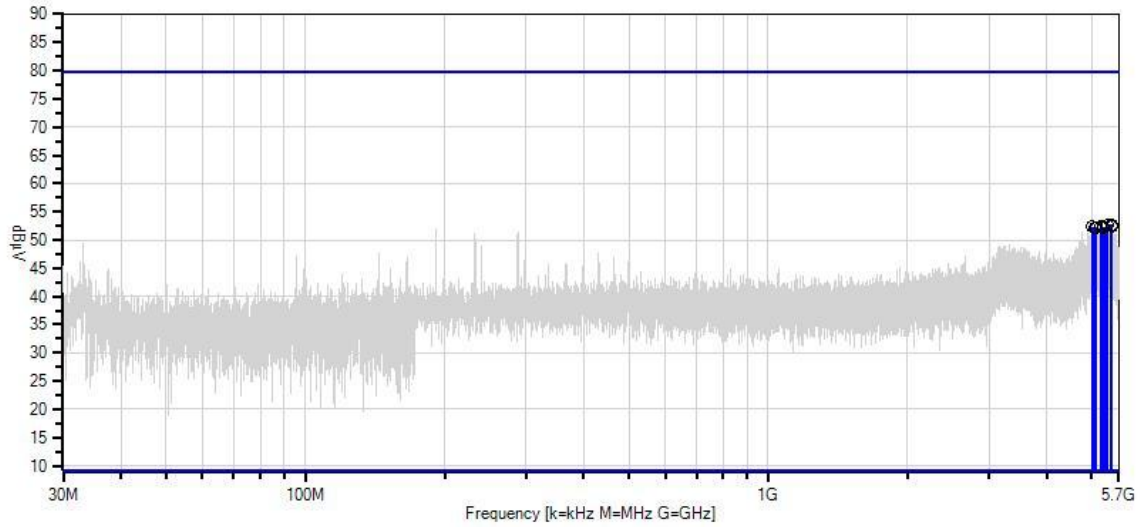
30-5725MHz
 Temperature: 22.2°C, Relative Humidity: 38%, Atmospheric Pressure: 102.0 kPa
 HIGH Channel, 36 Mbps data rate, 20MHz Channel width.

Ext Attn: 0 dB

Measurement Data: Reading listed by margin. Test Lead: Chain 2

#	Freq MHz	Rdng dBμV	T1 dB	T2 dB	Dist dB	Corr dB	Spec dBμV	Margin dB	Polar Ant
1	5517.912M	41.8	+1.1	+9.8	+0.0	52.7	79.7	-27.0	Chain
2	5398.207M	41.7	+1.1	+9.8	+0.0	52.6	79.7	-27.1	Chain
3	5005.453M	41.5	+1.1	+9.8	+0.0	52.4	79.7	-27.3	Chain
4	5314.958M	41.4	+1.1	+9.8	+0.0	52.3	79.7	-27.4	Chain
5	5509.549M	41.4	+1.1	+9.8	+0.0	52.3	79.7	-27.4	Chain
6	5235.468M	41.4	+1.1	+9.8	+0.0	52.3	79.7	-27.4	Chain
7	5095.749M	41.3	+1.1	+9.8	+0.0	52.2	79.7	-27.5	Chain
8	5303.119M	41.3	+1.1	+9.8	+0.0	52.2	79.7	-27.5	Chain
9	5063.520M	41.2	+1.1	+9.8	+0.0	52.1	79.7	-27.6	Chain
10	5091.427M	41.2	+1.1	+9.8	+0.0	52.1	79.7	-27.6	Chain

CKC Laboratories, Inc. Date: 5/5/2012 Time: 3:00:43 PM Digital Path WO#: 92682
 15.247(d) Conducted Spurious Emissions Test Lead: Chain 2 120V 60Hz Sequence#: 30 Chain 2
 HI Channel, 36 Mbps data rate, 20MHz Channel width.



- Sweep Data
- Peak Readings
- * Average Readings
- 1 - 15.247(d) Conducted Spurious Emissions
- Readings
- × QP Readings
- ▼ Ambient

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

Customer: **Digital Path**
 Specification: **15.247(d) Conducted Spurious Emissions**
 Work Order #: **92682** Date: 5/5/2012
 Test Type: **Conducted Emissions** Time: 15:42:32
 Equipment: **5GHz Tri-Sector (17dBi)** Sequence#: 32
 Manufacturer: Digital Path Tested By: C. Nicklas
 Model: G5RL10T 120V 60Hz
 S/N: EMI 1

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/23/2011	2/23/2013
T1	ANP05843	Cable	32022-2-29094K-48TC	7/30/2010	7/30/2012
T2	ANP05935	Attenuator	84A-10	10/19/2011	10/19/2013

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
5GHz Tri-Sector (17dBi)*	Digital Path	G5RL10T	EMI 1

Support Devices:

Function	Manufacturer	Model #	S/N
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Test Conditions / Notes:

30-5725MHz
 Temperature: 22.2°C
 Relative Humidity: 38%
 Atmospheric Pressure: 102.0 kPa
 LOW Channel, 26 MCS HT20 2S data rate, 20MHz Channel width.

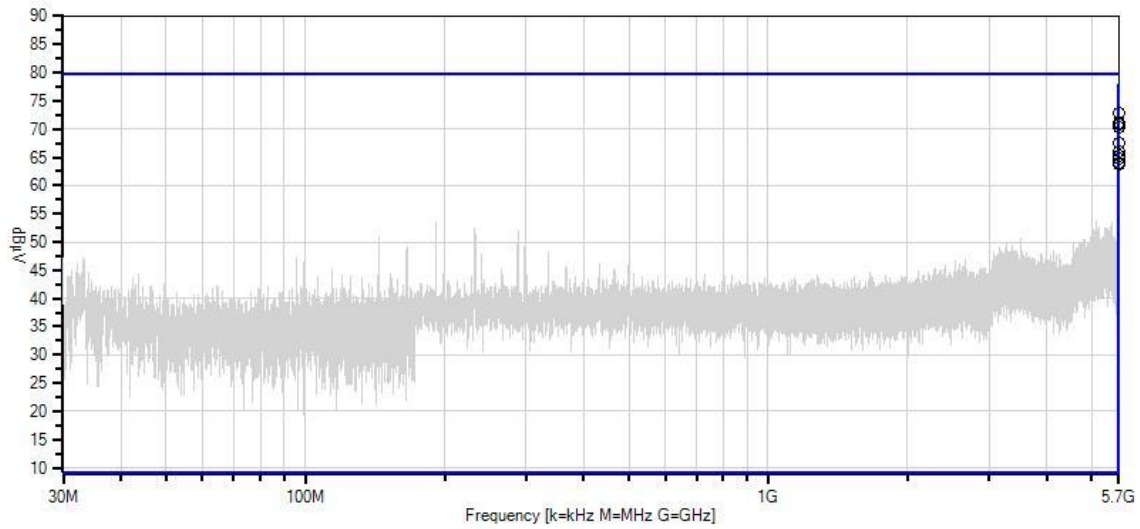
Ext Attn: 0 dB

Measurement Data: Reading listed by margin. Test Lead: Chain 2

#	Freq MHz	Rdng dBμV	T1 dB	T2 dB	Dist dB	Corr dBμV	Spec dBμV	Margin dB	Polar Ant
1	5725.000M	67.2	+1.1	+9.8	+0.0	78.1	79.7	-1.6	Chain
2	5722.181M	62.0	+1.1	+9.8	+0.0	72.9	79.7	-6.8	Chain
3	5724.060M	60.1	+1.1	+9.8	+0.0	71.0	79.7	-8.7	Chain
4	5724.342M	59.8	+1.1	+9.8	+0.0	70.7	79.7	-9.0	Chain
5	5723.121M	59.5	+1.1	+9.8	+0.0	70.4	79.7	-9.3	Chain
6	5721.148M	56.6	+1.1	+9.8	+0.0	67.5	79.7	-12.2	Chain
7	5720.396M	55.2	+1.1	+9.8	+0.0	66.1	79.7	-13.6	Chain
8	5721.336M	54.3	+1.1	+9.8	+0.0	65.2	79.7	-14.5	Chain

9	5718.987M	53.9	+1.1	+9.8	+0.0	64.8	79.7	-14.9	Chain
10	5719.644M	53.0	+1.1	+9.8	+0.0	63.9	79.7	-15.8	Chain
11	5720.584M	52.9	+1.1	+9.8	+0.0	63.8	79.7	-15.9	Chain

CKC Laboratories, Inc. Date: 5/5/2012 Time: 15:42:32 Digital Path WO#: 92682
 15.247(d) Conducted Spurious Emissions Test Lead: Chain 2 120V 60Hz Sequence#: 32 Chain 2
 LO Channel, 26 MCS HT20 2S data rate, 20MHz Channel width.



- Sweep Data
- Peak Readings
- * Average Readings
- Readings
- × QP Readings
- ▼ Ambient
- 1 - 15.247(d) Conducted Spurious Emissions

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

Customer: **Digital Path**
 Specification: **15.247(d) Conducted Spurious Emissions**
 Work Order #: **92682** Date: 4/27/2012
 Test Type: **Conducted Emissions** Time: 11:58:54 AM
 Equipment: **5GHz Tri-Sector (17dBi)** Sequence#: 18
 Manufacturer: Digital Path Tested By: C. Nicklas
 Model: G5RL10T 120V 60Hz
 S/N: EMI 1

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/23/2011	2/23/2013
T1	ANP05843	Cable	32022-2-29094K-48TC	7/30/2010	7/30/2012

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
5GHz Tri-Sector (17dBi)*	Digital Path	G5RL10T	EMI 1

Support Devices:

Function	Manufacturer	Model #	S/N
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Test Conditions / Notes:

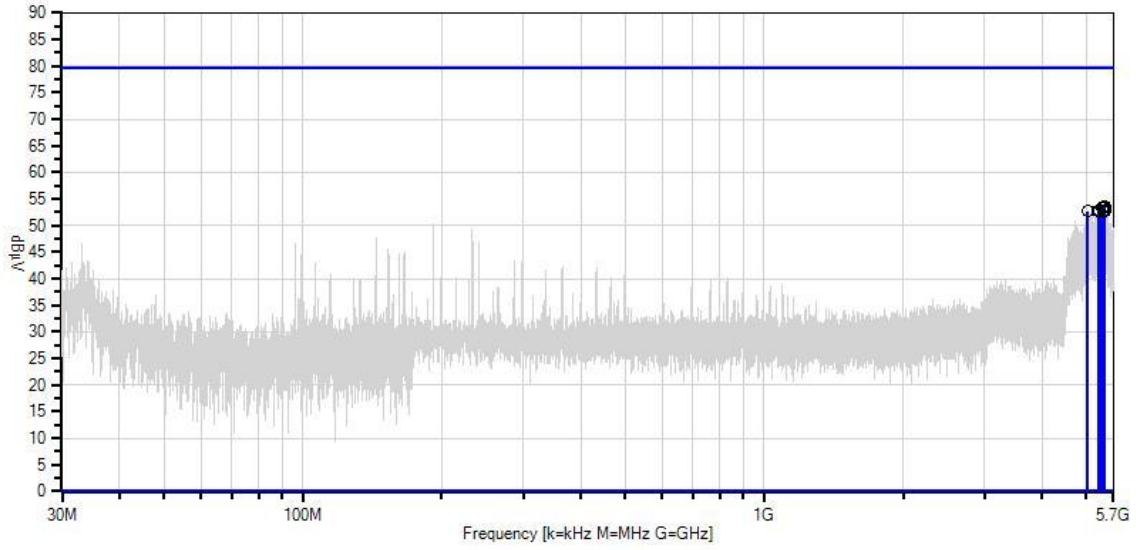
30-5725MHz
 Temperature: 20.6°C
 Relative Humidity: 41%
 Atmospheric Pressure: 102.3 kPa
 Mid Channel, 26 MCS HT202S data rate, 20MHz Channel width.

Ext Attn: 0 dB

Measurement Data: Reading listed by margin. Test Lead: Chain 2

#	Freq MHz	Rdng dBμV	T1 dB	dB	dB	dB	Dist Table	Corr dBμV	Spec dBμV	Margin dB	Polar Ant
1	5456.838M	52.5	+1.1				+0.0	53.6	79.7	-26.1	Chain
2	5485.120M	52.4	+1.1				+0.0	53.5	79.7	-26.2	Chain
3	5411.361M	52.1	+1.1				+0.0	53.2	79.7	-26.5	Chain
4	5412.958M	52.1	+1.1				+0.0	53.2	79.7	-26.5	Chain
5	5460.784M	52.1	+1.1				+0.0	53.2	79.7	-26.5	Chain
6	5301.522M	51.8	+1.1				+0.0	52.9	79.7	-26.8	Chain
7	5345.871M	51.7	+1.1				+0.0	52.8	79.7	-26.9	Chain
8	5456.086M	51.7	+1.1				+0.0	52.8	79.7	-26.9	Chain
9	5032.795M	51.6	+1.1				+0.0	52.7	79.7	-27.0	Chain
10	5481.831M	51.6	+1.1				+0.0	52.7	79.7	-27.0	Chain

CKC Laboratories, Inc. Date: 4/27/2012 Time: 11:58:54 AM Digital Path WO#: 92682
 15.247(d) Conducted Spurious Emissions Test Lead: Chain 2 120V 60Hz Sequence#: 18 Chain 2



- Sweep Data
- Peak Readings
- * Average Readings
- Readings
- × QP Readings
- ▼ Ambient
- 1 - 15.247(d) Conducted Spurious Emissions

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

Customer: **Digital Path**
 Specification: **15.247(d) Conducted Spurious Emissions**
 Work Order #: **92682** Date: 5/5/2012
 Test Type: **Conducted Emissions** Time: 2:55:41 PM
 Equipment: **5GHz Tri-Sector (17dBi)** Sequence#: 29
 Manufacturer: Digital Path Tested By: C. Nicklas
 Model: G5RL10T 120V 60Hz
 S/N: EMI 1

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/23/2011	2/23/2013
T1	ANP05843	Cable	32022-2-29094K-48TC	7/30/2010	7/30/2012
T2	ANP05935	Attenuator	84A-10	10/19/2011	10/19/2013

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
5GHz Tri-Sector (17dBi)*	Digital Path	G5RL10T	EMI 1

Support Devices:

Function	Manufacturer	Model #	S/N
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Test Conditions / Notes:

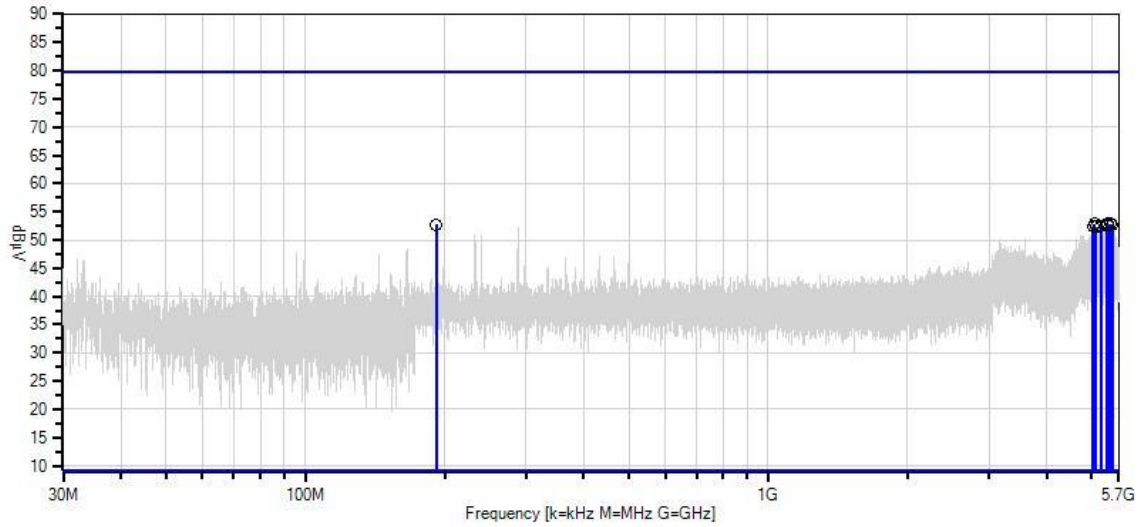
30-5725MHz
 Temperature: 22.2°C, Relative Humidity: 38%, Atmospheric Pressure: 102.0 kPa
 HIGH Channel, 26 MCS HT20 2S data rate, 20MHz Channel width.

Ext Attn: 0 dB

Measurement Data: Reading listed by margin. Test Lead: Chain 2

#	Freq MHz	Rdng dBμV	T1 dB	T2 dB	Dist Table	Corr dBμV	Spec dBμV	Margin dB	Polar Ant
1	5408.636M	42.1	+1.1	+9.8	+0.0	53.0	79.7	-26.7	Chain
2	5064.836M	41.9	+1.1	+9.8	+0.0	52.8	79.7	-26.9	Chain
3	5479.482M	41.9	+1.1	+9.8	+0.0	52.8	79.7	-26.9	Chain
4	5409.952M	41.8	+1.1	+9.8	+0.0	52.7	79.7	-27.0	Chain
5	5531.442M	41.8	+1.1	+9.8	+0.0	52.7	79.7	-27.0	Chain
6	192.021M	42.9	+0.2	+9.6	+0.0	52.7	79.7	-27.0	Chain
7	5238.568M	41.6	+1.1	+9.8	+0.0	52.5	79.7	-27.2	Chain
8	5023.024M	41.5	+1.1	+9.8	+0.0	52.4	79.7	-27.3	Chain
9	5099.225M	41.4	+1.1	+9.8	+0.0	52.3	79.7	-27.4	Chain
10	5228.327M	41.4	+1.1	+9.8	+0.0	52.3	79.7	-27.4	Chain

CKC Laboratories, Inc. Date: 5/5/2012 Time: 2:55:41 PM Digital Path WO#: 92682
 15.247(d) Conducted Spurious Emissions Test Lead: Chain 2 120V 60Hz Sequence#: 29 Chain 2
 HI Channel, 26 MCS HT20 2S data rate, 20MHz Channel width.



- Sweep Data
- Peak Readings
- * Average Readings
- 1 - 15.247(d) Conducted Spurious Emissions
- Readings
- × QP Readings
- ▼ Ambient

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

Customer: **Digital Path**
 Specification: **15.247(d) Conducted Spurious Emissions**
 Work Order #: **92682** Date: 5/19/2012
 Test Type: **Conducted Emissions** Time: 14:54:19
 Equipment: **5GHz Tri-Sector (17dBi)** Sequence#: 52
 Manufacturer: Digital Path Tested By: C. Nicklas
 Model: G5RL10T 120V 60Hz
 S/N: EMI 1

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/23/2011	2/23/2013
T1	ANP05935	Attenuator	84A-10	10/19/2011	10/19/2013
T2	ANP05843	Cable	32022-2-29094K-48TC	7/30/2010	7/30/2012

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
5GHz Tri-Sector (17dBi)*	Digital Path	G5RL10T	EMI 1

Support Devices:

Function	Manufacturer	Model #	S/N
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Test Conditions / Notes:

5.85-40GHz
 Temperature: 22.2°C
 Relative Humidity: 38%
 Atmospheric Pressure: 102.0 kPa
 10MHz Channel width.

Ext Attn: 0 dB

Measurement Data:

Reading listed by margin.

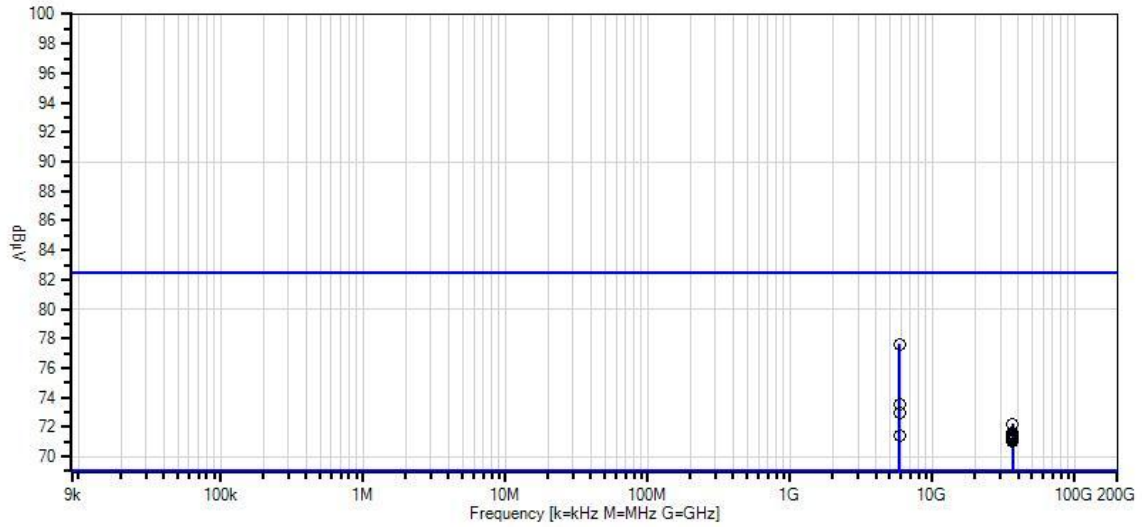
Test Lead: Chain 2

#	Freq MHz	Rdng dBμV	T1 dB	T2 dB	Dist Table	Corr dBμV	Spec dBμV	Margin dB	Polar Ant
1	5850.000M	66.7	+9.8	+1.1	+0.0	77.6	83.1 HI Channel, 802.11n	-5.5	Chain
2	5850.037M	62.1	+9.8	+1.1	+0.0	73.0	82.5 HI Channel, 802.11n	-9.5	Chain
3	5850.300M	62.6	+9.8	+1.1	+0.0	73.5	83.1 HI Channel, 802.11a	-9.6	Chain
4	36526.920 M	58.8	+10.1	+3.3	+0.0	72.2	82.5 Highest Noise Floor, MID Channel, 802.11a	-10.3	Chain
5	36736.600 M	58.7	+10.1	+3.4	+0.0	72.2	82.5 Highest Noise Floor, MID Channel, 802.11n	-10.3	Chain

6	36628.986 M	58.2	+10.1	+3.3	+0.0	71.6	82.5	-10.9	Chain
							Highest Noise Floor, LO Channel, 802.11a		
7	5850.000M	60.5	+9.8	+1.1	+0.0	71.4	82.5	-11.1	Chain
							HI Channel, 802.11a		
8	36610.905 M	57.9	+10.1	+3.3	+0.0	71.3	82.5	-11.2	Chain
							Highest Noise Floor, LO Channel, 802.11n		
9	36600.000 M	57.8	+10.1	+3.3	+0.0	71.2	82.5	-11.3	Chain
							Highest Noise Floor, HI Channel, 802.11n		
10	36600.000 M	57.7	+10.1	+3.3	+0.0	71.1	82.5	-11.4	Chain
							Highest Noise Floor, HI Channel, 802.11a		
11	36737.200 M	58.0	+10.1	+3.4	+0.0	71.5	83.1	-11.6	Chain
							Highest Noise Floor, MID Channel, 802.11n		
12	36655.600 M	58.0	+10.1	+3.3	+0.0	71.4	83.1	-11.7	Chain
							Highest Noise Floor, LO Channel, 802.11a		
13	36794.200 M	57.8	+10.1	+3.4	+0.0	71.3	83.1	-11.8	Chain
							Highest Noise Floor, LO Channel, 802.11n		
14	36824.600 M	57.7	+10.1	+3.4	+0.0	71.2	83.1	-11.9	Chain
							Highest Noise Floor, HI Channel, 802.11a		
15	36708.500 M	57.6	+10.1	+3.4	+0.0	71.1	83.1	-12.0	Chain
							Highest Noise Floor, MID Channel, 802.11a		
16	36792.700 M	57.5	+10.1	+3.4	+0.0	71.0	83.1	-12.1	Chain
							Highest Noise Floor, HI Channel, 802.11n		

17	5864.300M	48.4	+9.8	+1.1	+0.0	59.3	82.5	-23.2	Chain
							LO Channel, 802.11n		
18	5860.800M	48.1	+9.8	+1.1	+0.0	59.0	82.5	-23.5	Chain
							MID Channel, 802.11n		
19	5858.400M	47.6	+9.8	+1.1	+0.0	58.5	82.5	-24.0	Chain
							LO Channel, 802.11a		
20	5861.300M	47.3	+9.8	+1.1	+0.0	58.2	82.5	-24.3	Chain
							MID Channel, 802.11a		
21	5850.200M	47.7	+9.8	+1.1	+0.0	58.6	83.1	-24.5	Chain
							LO Channel, 802.11n		
22	5850.300M	47.2	+9.8	+1.1	+0.0	58.1	83.1	-25.0	Chain
							MID Channel, 802.11a		
23	5853.100M	47.0	+9.8	+1.1	+0.0	57.9	83.1	-25.2	Chain
							MID Channel, 802.11n		
24	5854.200M	46.3	+9.8	+1.1	+0.0	57.2	83.1	-25.9	Chain
							LO Channel, 802.11a		

CKC Laboratories, Inc. Date: 5/19/2012 Time: 14:54:19 Digital Path WO#: 92682
 15.247(d) Conducted Spurious Emissions Test Lead: Chain 2 120V 60Hz Sequence#: 52 Chain 2
 LO Channel, 13 MCS HT20 2S data rate, 5MHz Channel width.



- Sweep Data
- Peak Readings
- * Average Readings
- 1 - 15.247(d) Conducted Spurious Emissions
- Readings
- × QP Readings
- ▼ Ambient

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

Customer: **Digital Path**
 Specification: **15.247(d) Conducted Spurious Emissions**
 Work Order #: **92682** Date: 5/19/2012
 Test Type: **Conducted Emissions** Time: 15:00:44
 Equipment: **5GHz Tri-Sector (17dBi)** Sequence#: 53
 Manufacturer: Digital Path Tested By: C. Nicklas
 Model: G5RL10T 120V 60Hz
 S/N: EMI 1

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02668	Spectrum Analyzer	E4446A	2/23/2011	2/23/2013
T1	ANP05935	Attenuator	84A-10	10/19/2011	10/19/2013
T2	ANP05843	Cable	32022-2-29094K-48TC	7/30/2010	7/30/2012

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
5GHz Tri-Sector (17dBi)*	Digital Path	G5RL10T	EMI 1

Support Devices:

Function	Manufacturer	Model #	S/N
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Test Conditions / Notes:

5.85-40GHz
 Temperature: 22.2°C
 Relative Humidity: 38%
 Atmospheric Pressure: 101.5-102.0 kPa
 20MHz Channel width.

Ext Attn: 0 dB

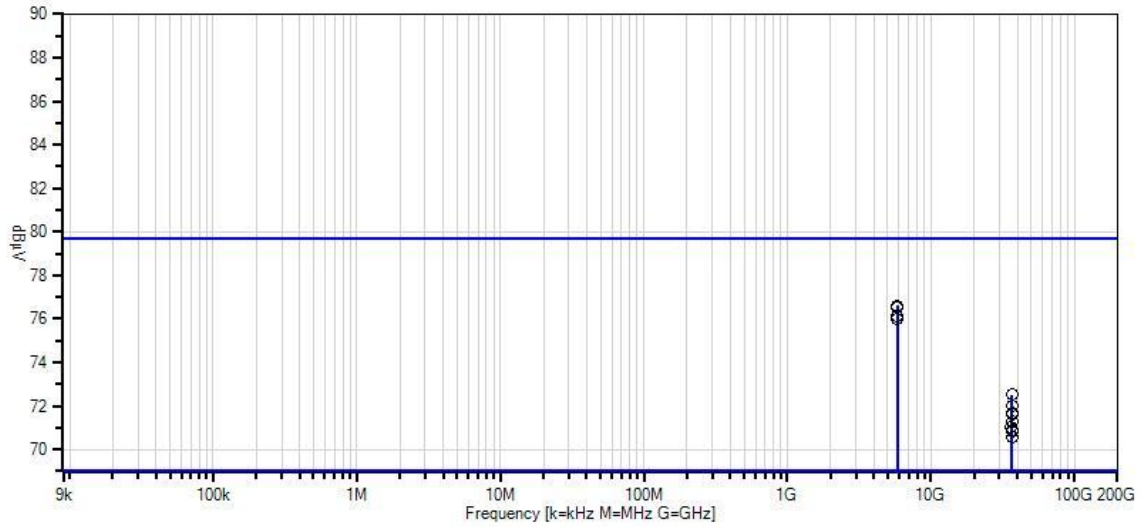
Measurement Data: Reading listed by margin. Test Lead: Chain 2

#	Freq MHz	Rdng dBμV	T1 dB	T2 dB	Dist Table	Corr dBμV	Spec dBμV	Margin dB	Polar Ant
1	5850.319M	65.7	+9.8	+1.1	+0.0	76.6	79.7 HI Channel, 802.11n	-3.1	Chain
2	5850.000M	65.6	+9.8	+1.1	+0.0	76.5	79.7 HI Channel, 802.11a	-3.3	Chain
3	5850.300M	65.2	+9.8	+1.1	+0.0	76.1	80.0 HI Channel, 802.11a	-3.9	Chain
4	5851.200M	65.1	+9.8	+1.1	+0.0	76.0	80.0 HI Channel, 802.11n	-4.0	Chain
5	36809.500 M	59.0	+10.1	+3.4	+0.0	72.5	80.0 Highest Noise Floor, HI Channel, 802.11a	-7.5	Chain

6	36527.212 M	58.3	+10.1	+3.3	+0.0	71.7	79.7	-8.0	Chain
							Highest Noise Floor, MID Channel, 802.11a		
7	36830.700 M	58.5	+10.1	+3.4	+0.0	72.0	80.0	-8.0	Chain
							Highest Noise Floor, MID Channel, 802.11a		
8	36638.344 M	58.3	+10.1	+3.3	+0.0	71.7	79.7	-8.0	Chain
							Highest Noise Floor, MID Channel, 802.11n		
9	36600.000 M	58.2	+10.1	+3.3	+0.0	71.6	79.7	-8.1	Chain
							Highest Noise Floor, HI Channel, 802.11n		
10	36637.088 M	57.9	+10.1	+3.3	+0.0	71.3	79.7	-8.4	Chain
							Highest Noise Floor, LO Channel, 802.11a		
11	36836.700 M	58.1	+10.1	+3.4	+0.0	71.6	80.0	-8.4	Chain
							Highest Noise Floor, LO Channel, 802.11a		
12	36800.100 M	57.8	+10.1	+3.4	+0.0	71.3	80.0	-8.7	Chain
							Highest Noise Floor, LO Channel, 802.11n		
13	36600.000 M	57.5	+10.1	+3.3	+0.0	70.9	79.7	-8.8	Chain
							Highest Noise Floor, HI Channel, 802.11a		
14	36486.800 M	57.7	+10.1	+3.2	+0.0	71.0	80.0	-9.0	Chain
							Highest Noise Floor, HI Channel, 802.11n		
15	36656.419 M	57.2	+10.1	+3.3	+0.0	70.6	79.7	-9.1	Chain
							Highest Noise Floor, HI Channel, 802.11n		

16	36645.000 M	57.4	+10.1	+3.3	+0.0	70.8	80.0	-9.2	Chain
							Highest Noise Floor, MID Channel, 802.11n		
17	5852.400M	47.4	+9.8	+1.1	+0.0	58.3	79.7	-21.4	Chain
							MID Channel, 802.11n		
18	5851.700M	46.6	+9.8	+1.1	+0.0	57.5	79.7	-22.2	Chain
							MID Channel, 802.11a		
19	5852.100M	46.4	+9.8	+1.1	+0.0	57.3	79.7	-22.4	Chain
							LO Channel, 802.11n		
20	5861.800M	46.4	+9.8	+1.1	+0.0	57.3	79.7	-22.4	Chain
							LO Channel, 802.11a		
21	5851.900M	40.8	+9.8	+1.1	+0.0	51.7	80.0	-28.3	Chain
							MID Channel, 802.11a		
22	5854.040M	39.9	+9.8	+1.1	+0.0	50.8	80.0	-29.2	Chain
							MID Channel, 802.11n		
23	5853.838M	39.0	+9.8	+1.1	+0.0	49.9	80.0	-30.1	Chain
							LO Channel, 802.11n		
24	5850.600M	38.8	+9.8	+1.1	+0.0	49.7	80.0	-30.3	Chain
							LO Channel, 802.11a		

CKC Laboratories, Inc. Date: 5/19/2012 Time: 15:00:44 Digital Path WO#: 92682
 15.247(d) Conducted Spurious Emissions Test Lead: Chain 2 120V 60Hz Sequence#: 53 Chain 2
 LO Channel, 13 MCS HT20 2S data rate, 5MHz Channel width.



- Sweep Data
- Peak Readings
- * Average Readings
- Readings
- × QP Readings
- ▼ Ambient
- 1 - 15.247(d) Conducted Spurious Emissions

Test Setup Photos

