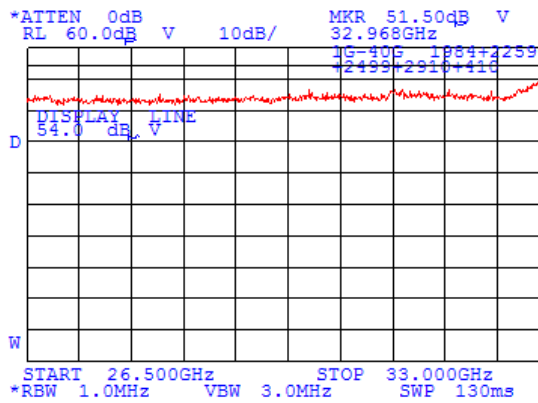




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

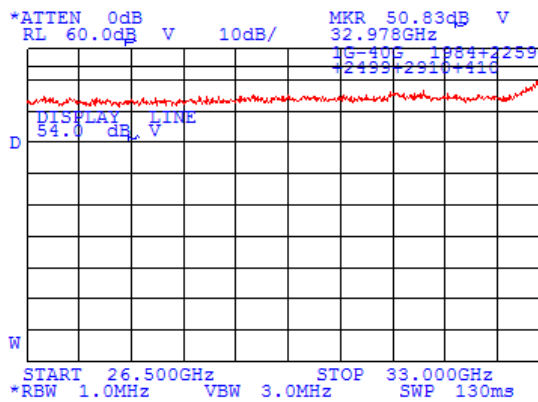
Plot 7.4.128 Radiated emission measurements from 26.5 to 33 GHz at the mid carrier frequency (5590MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak under average limit  
 EBW: 10MHz



Plot 7.4.129 Radiated emission measurements from 26.5 to 33 GHz at the mid carrier frequency (5585MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak under average limit  
 EBW: 20MHz

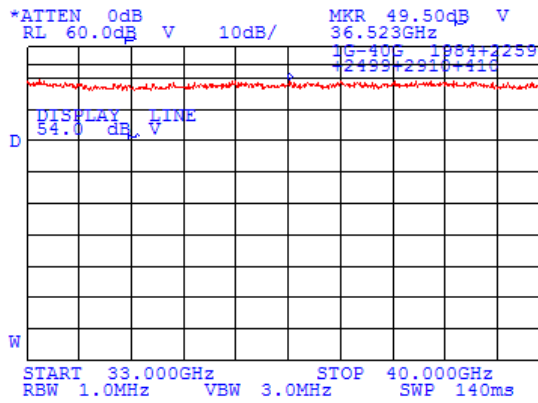




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

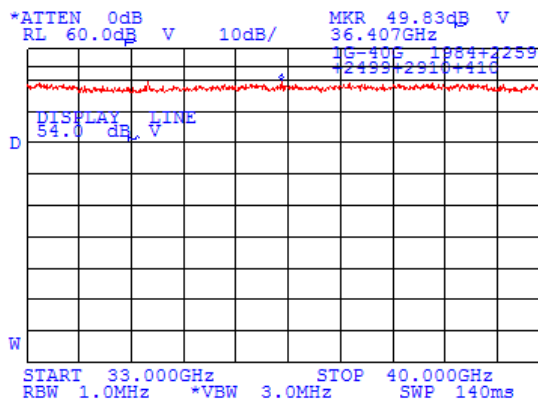
Plot 7.4.130 Radiated emission measurements from 33 to 40 GHz at the mid carrier frequency (5595MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 EBW 5MHz



Plot 7.4.131 Radiated emission measurements from 33 to 40 GHz at the mid carrier frequency (5590MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 EBW 10MHz

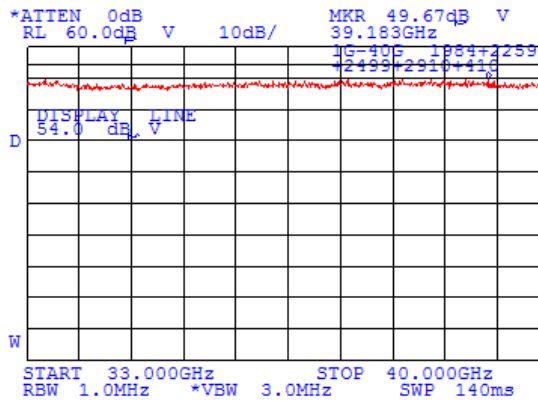




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

Plot 7.4.132 Radiated emission measurements from 33 to 40 GHz at the mid carrier frequency (5585MHz)

TEST SITE: OATS  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
EBW 20MHz

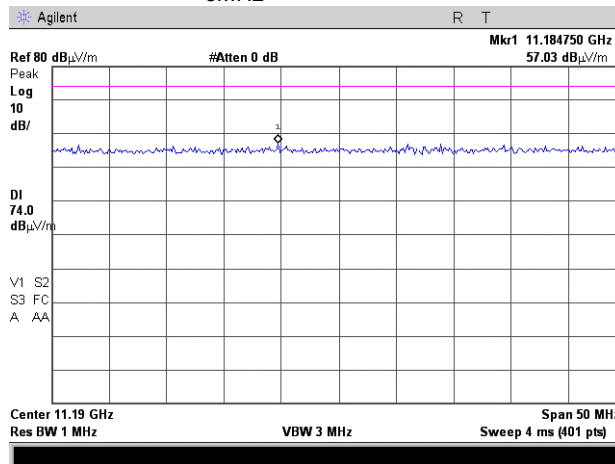




<b>Test specification:</b> Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions			
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance	<b>Verdict:</b> PASS		
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

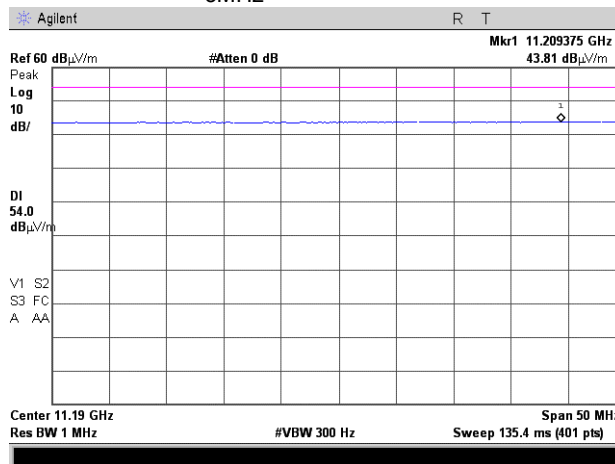
Plot 7.4.133 Radiated emission measurements at the second harmonic of mid carrier frequency (5595MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
DETECTOR: Peak  
EBW: 5MHz



Plot 7.4.134 Radiated emission measurements at the second harmonic of mid carrier frequency (5595MHz)

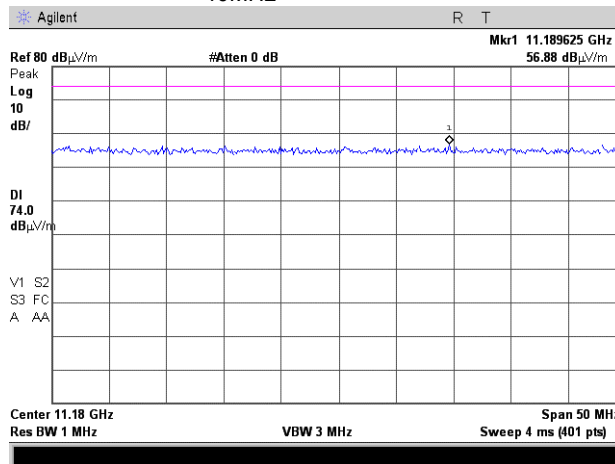
TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
DETECTOR: Average  
EBW: 5MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

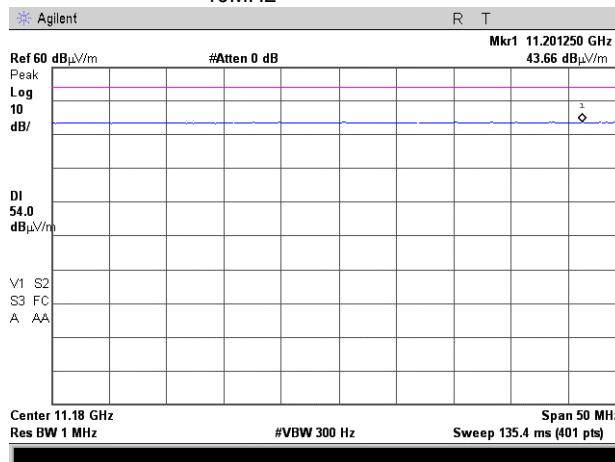
**Plot 7.4.135 Radiated emission measurements at the second harmonic of mid carrier frequency (5590MHz)**

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
DETECTOR: Peak  
EBW: 10MHz



**Plot 7.4.136 Radiated emission measurements at the second harmonic of mid carrier frequency (5590MHz)**

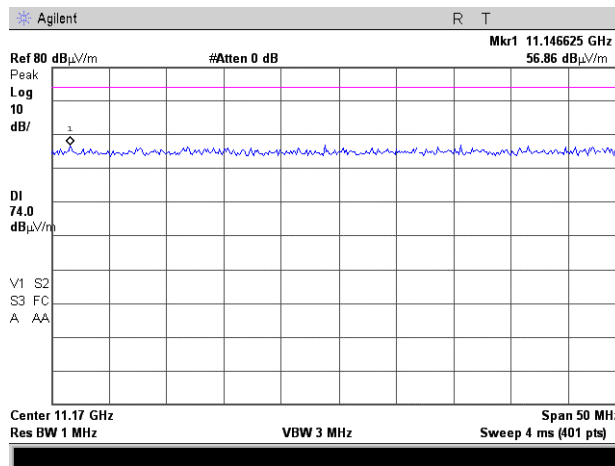
TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
DETECTOR: Average  
EBW: 10MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

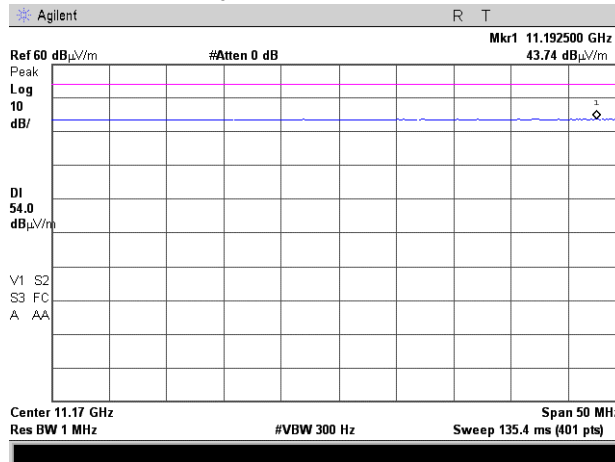
Plot 7.4.137 Radiated emission measurements at the second harmonic of mid carrier frequency (5585MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
DETECTOR: Peak  
EBW: 20MHz



Plot 7.4.138 Radiated emission measurements at the second harmonic of mid carrier frequency (5585MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
DETECTOR: Average  
EBW: 20MHz

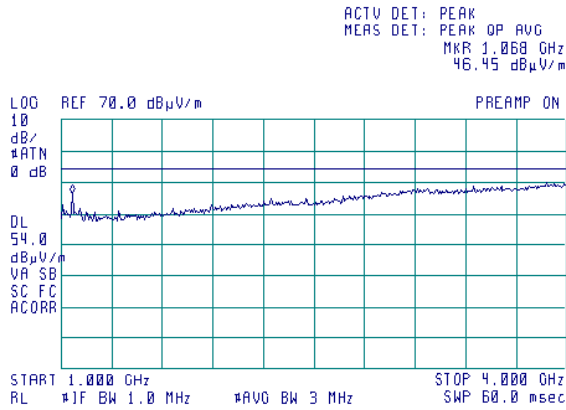




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

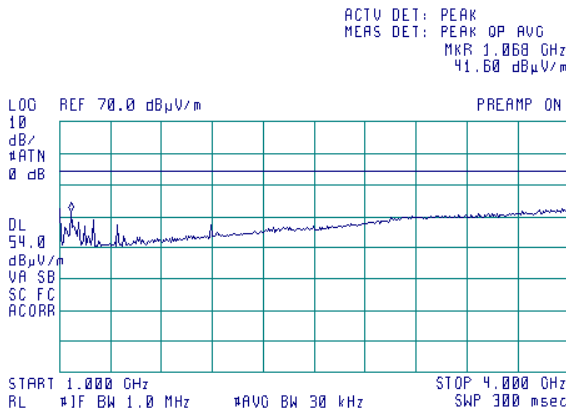
Plot 7.4.139 Radiated emission measurements from 1.0 to 4.0 GHz at the mid carrier frequency (5655MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
DETECTOR: Peak  
ANTENNA POLARIZATION: Vertical and Horizontal  
EBW: 5MHz



Plot 7.4.140 Radiated emission measurements from 1.0 to 4.0 GHz at the mid carrier frequency (5655MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Average  
EBW: 5MHz

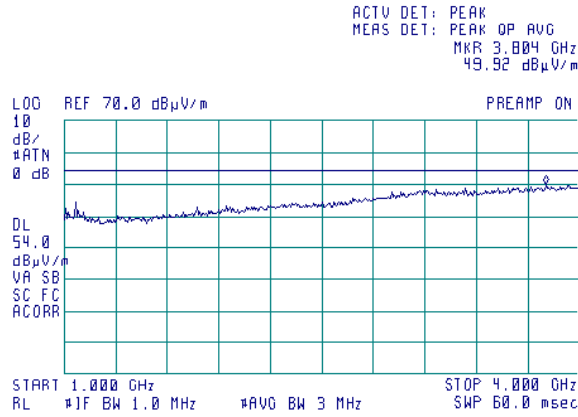




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

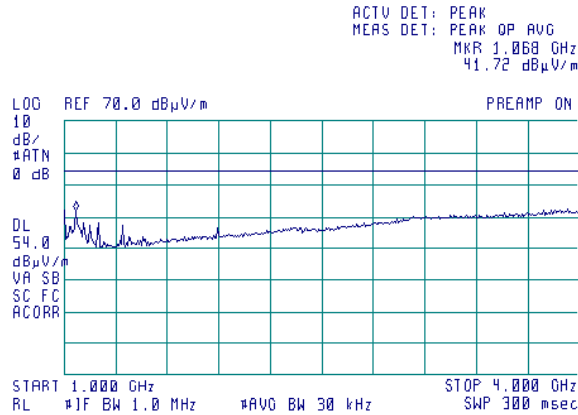
Plot 7.4.141 Radiated emission measurements from 1.0 to 4.0 GHz at the mid carrier frequency (5660MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 DETECTOR: Peak  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 EBW: 10MHz



Plot 7.4.142 Radiated emission measurements from 1.0 to 4.0 GHz at the mid carrier frequency (5660MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 10MHz



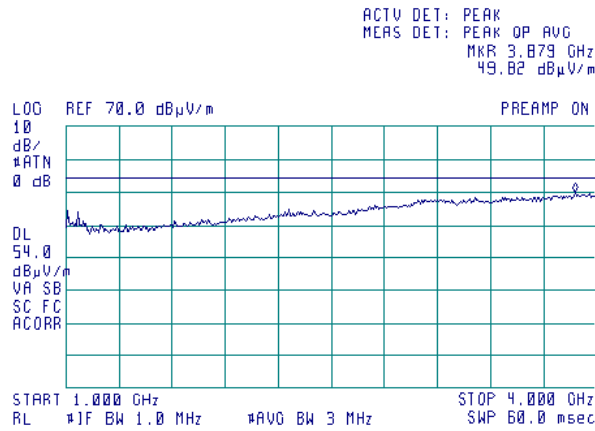




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

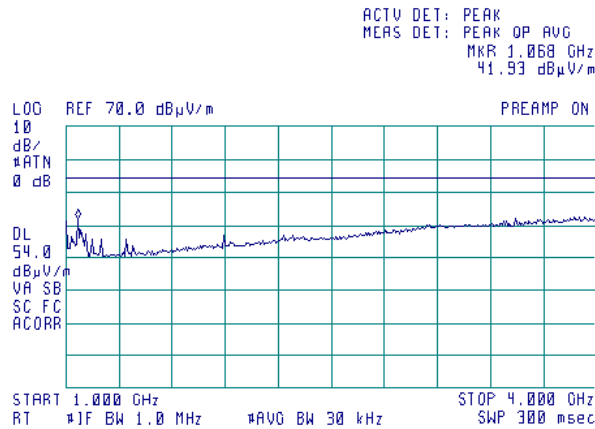
Plot 7.4.143 Radiated emission measurements from 1.0 to 4.0 GHz at the mid carrier frequency (5665MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Peak  
EBW: 20MHz



Plot 7.4.144 Radiated emission measurements from 1.0 to 4.0 GHz at the mid carrier frequency (5665MHz)

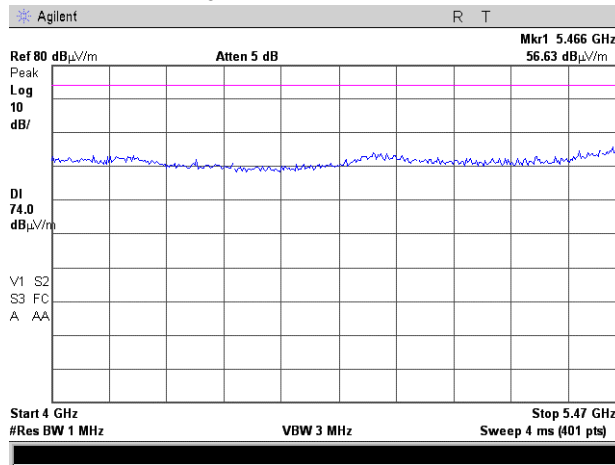
TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Average  
EBW: 20MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

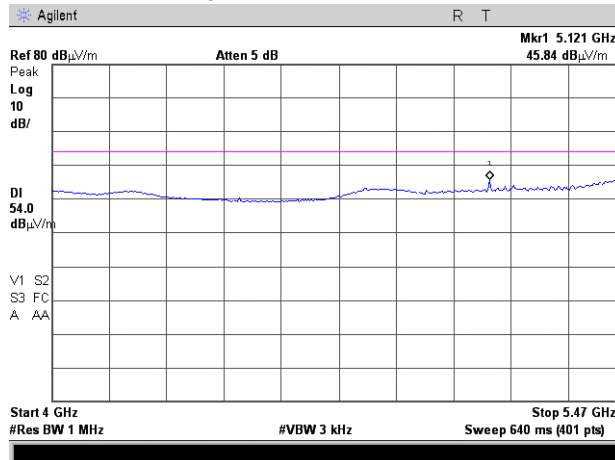
Plot 7.4.145 Radiated emission measurements from 4.00 to 5.47 GHz at the mid carrier frequency (5655MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5 MHz



Plot 7.4.146 Radiated emission measurements from 4.00 to 5.47 GHz at the mid carrier frequency (5655MHz)

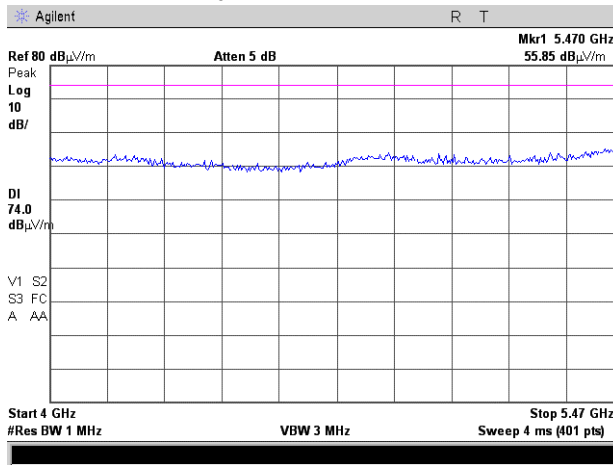
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 5 MHz



<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

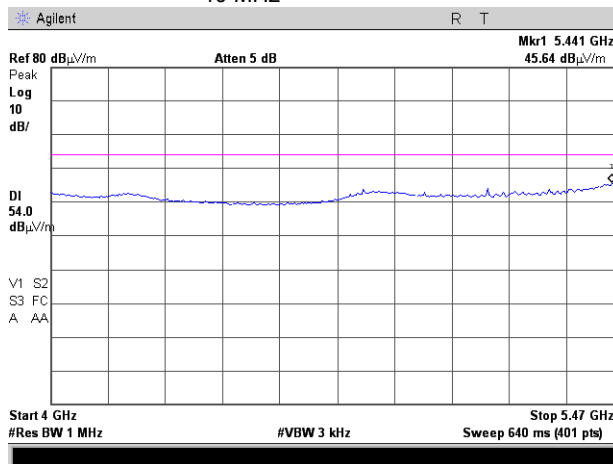
Plot 7.4.147 Radiated emission measurements from 4.00 to 5.47 GHz at the mid carrier frequency (5660MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 10 MHz



Plot 7.4.148 Radiated emission measurements from 4.00 to 5.47 GHz at the mid carrier frequency (5660MHz)

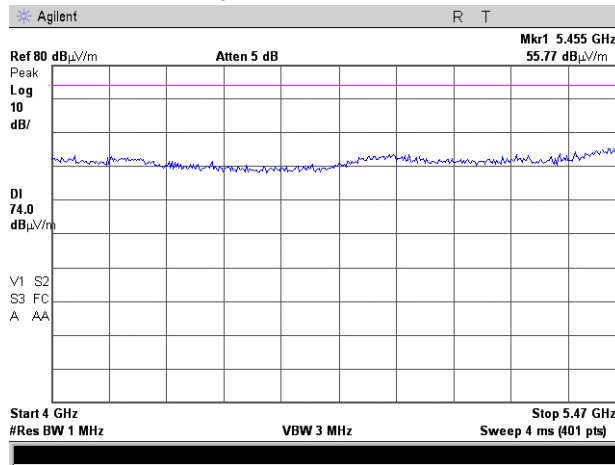
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 10 MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

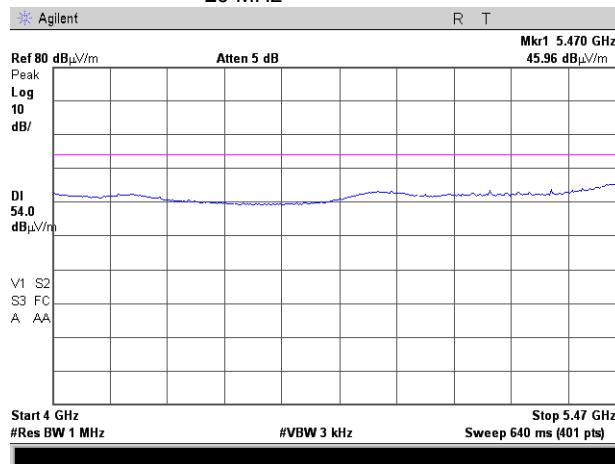
Plot 7.4.149 Radiated emission measurements from 4.00 to 5.47 GHz at the mid carrier frequency (5665MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20 MHz



Plot 7.4.150 Radiated emission measurements from 4.00 to 5.47GHz at the mid carrier frequency (5665MHz)

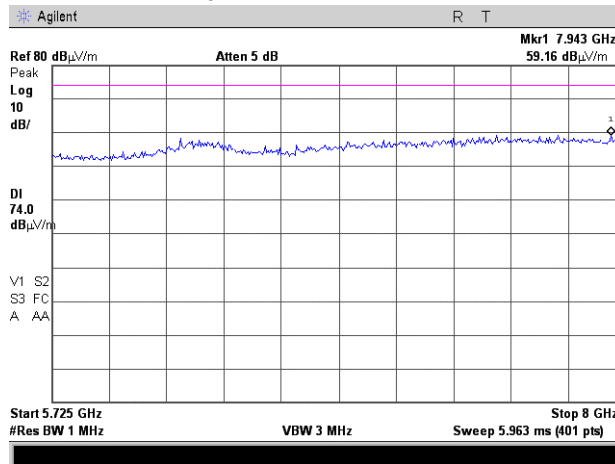
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 20 MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

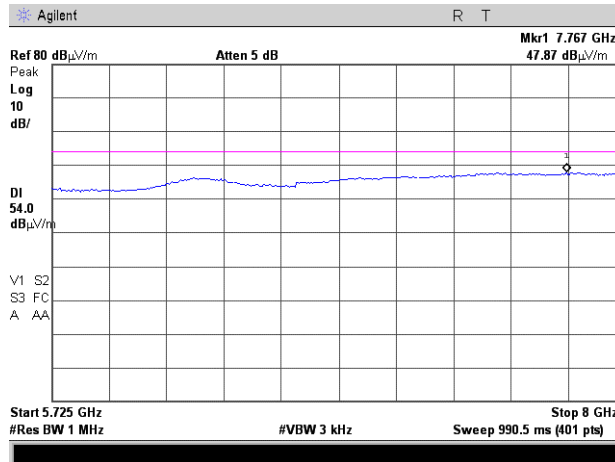
Plot 7.4.151 Radiated emission measurements from 5.725 to 8.0 GHz at the mid carrier frequency (5655MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5 MHz



Plot 7.4.152 Radiated emission measurements from 5.725 to 8.0 GHz at the mid carrier frequency (5655MHz)

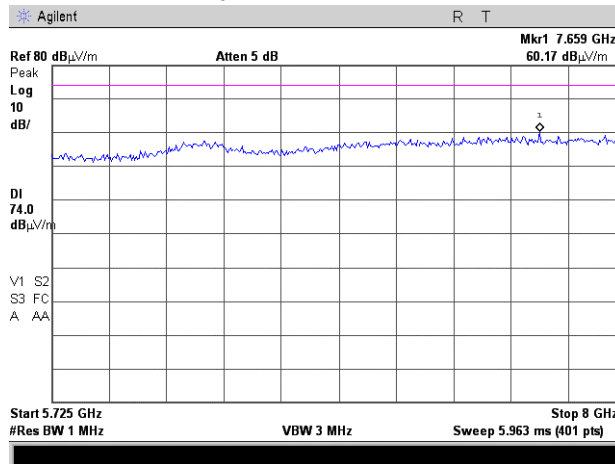
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 5 MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

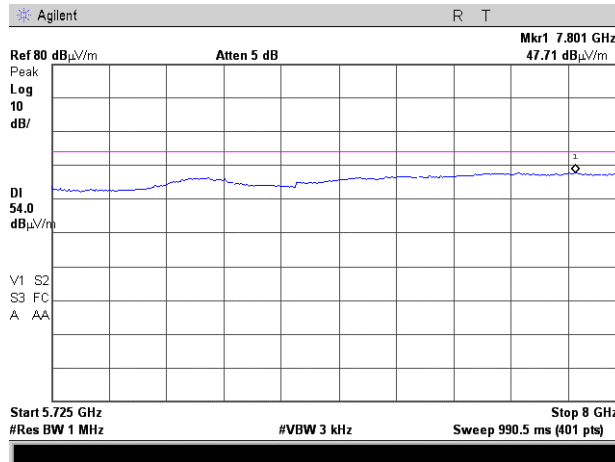
**Plot 7.4.153 Radiated emission measurements from 5.725 to 8.0 GHz at the mid carrier frequency (5660MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 10 MHz



**Plot 7.4.154 Radiated emission measurements from 5.725 to 8.0 GHz at the mid carrier frequency (5660MHz)**

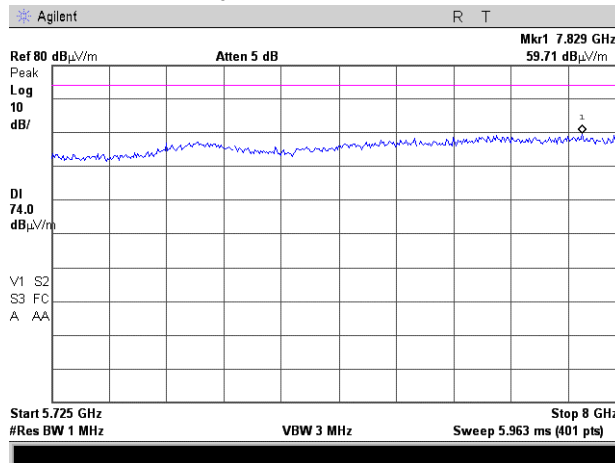
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 10 MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

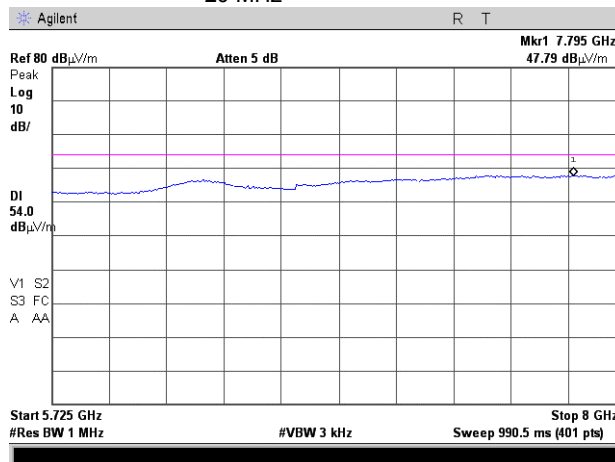
Plot 7.4.155 Radiated emission measurements from 5.725 to 8.0 GHz at the mid carrier frequency (5665MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20 MHz



Plot 7.4.156 Radiated emission measurements from 5.725 to 8.0 GHz at the mid carrier frequency (5665MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 20 MHz

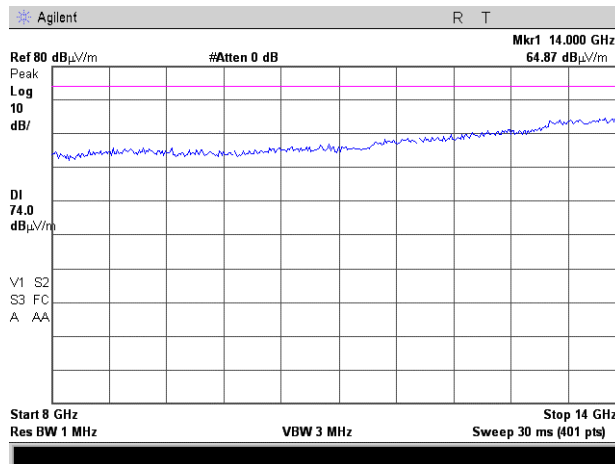




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

Plot 7.4.157 Radiated emission measurements from 8 to 14 GHz at the mid carrier frequency (5655MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5MHz

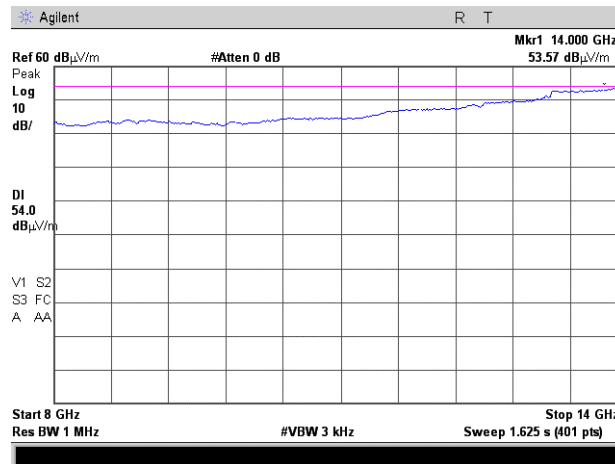




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

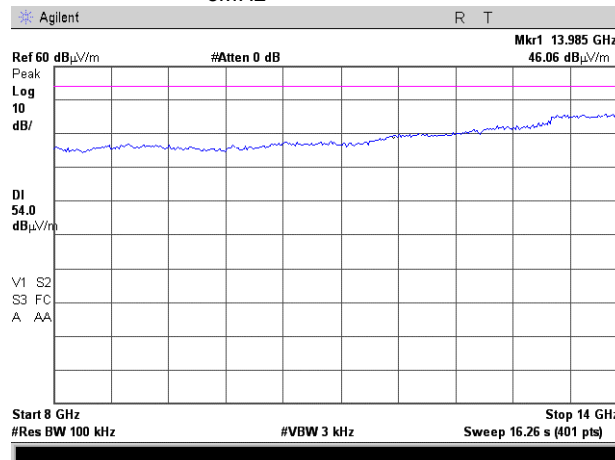
**Plot 7.4.158 Radiated emission measurements from 8 to 14 GHz at the mid carrier frequency (5655MHz),  
RBW=1 MHz**

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Average  
EBW: 5MHz



**Plot 7.4.159 Radiated emission measurements from 8 to 14 GHz at the mid carrier frequency (5655MHz),  
RBW=100 kHz**

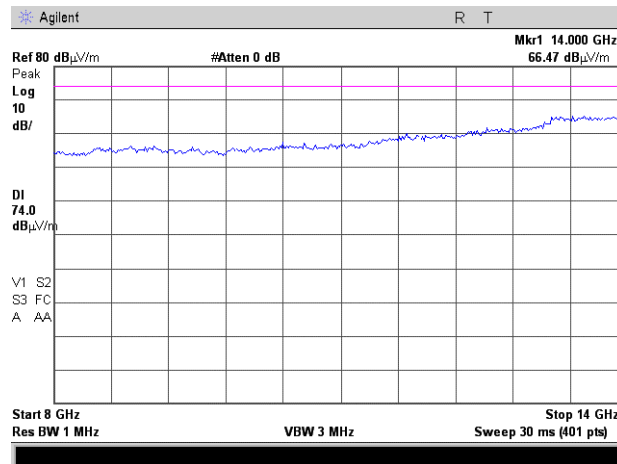
TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Average  
EBW: 5MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

**Plot 7.4.160 Radiated emission measurements from 8 to 14 GHz at the mid carrier frequency (5660MHz)**

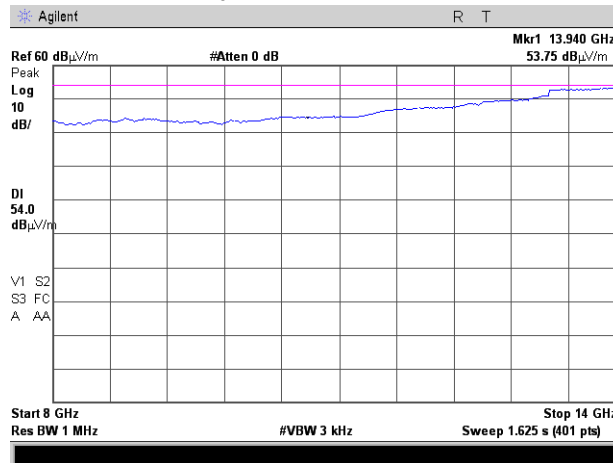
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 10MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

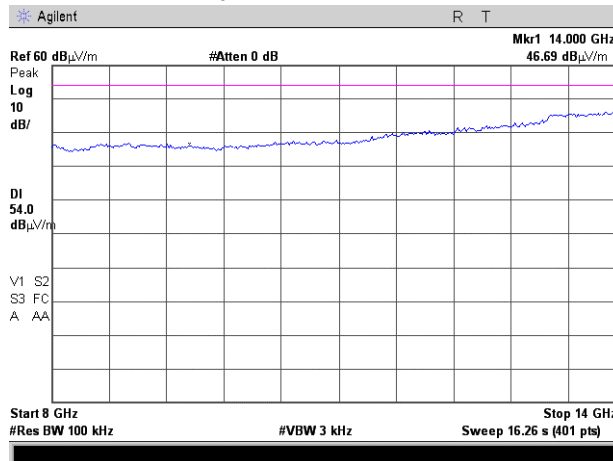
**Plot 7.4.161 Radiated emission measurements from 8 to 14 GHz at the mid carrier frequency (5660MHz),  
RBW=1 MHz**

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Average  
EBW 10MHz



**Plot 7.4.162 Radiated emission measurements from 8 to 14 GHz at the mid carrier frequency (5660MHz),  
RBW=100 kHz**

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Average  
EBW 10MHz

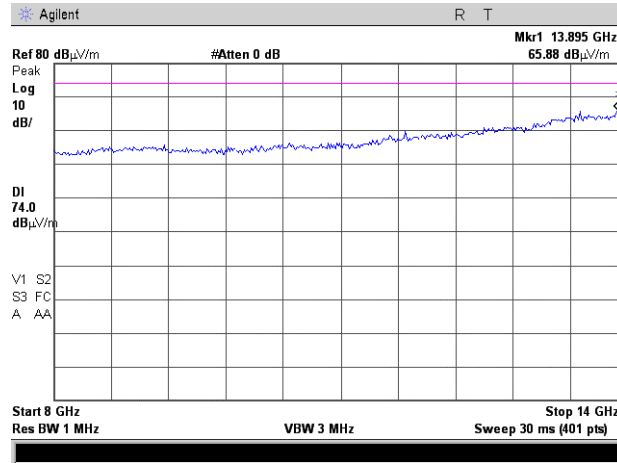




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

**Plot 7.4.163 Radiated emission measurements from 8 to 14 GHz at the mid carrier frequency (5665MHz)**

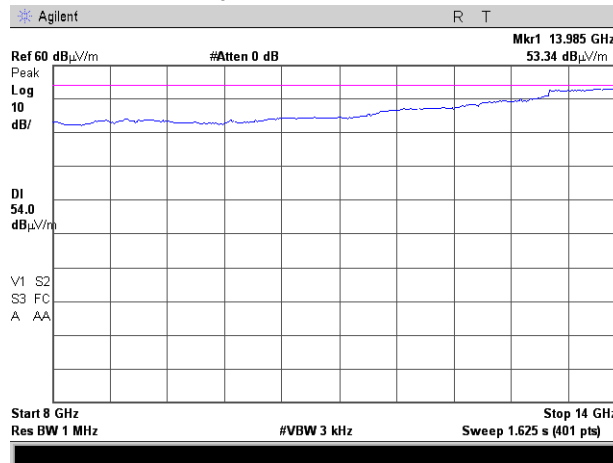
TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Peak  
EBW: 20MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

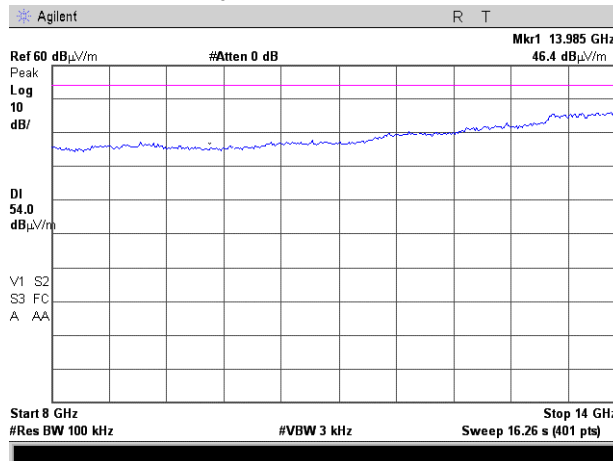
**Plot 7.4.164 Radiated emission measurements from 8 to 14 GHz at the mid carrier frequency (5665MHz),  
RBW=1 MHz**

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Average  
EBW 20MHz



**Plot 7.4.165 Radiated emission measurements from 8 to 14 GHz at the mid carrier frequency (5665MHz),  
RBW=100 kHz**

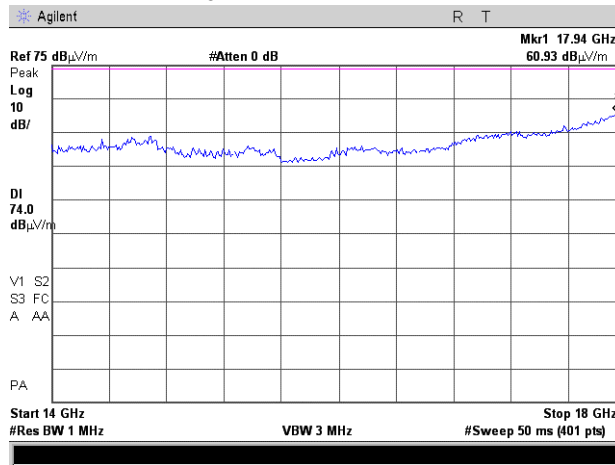
TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Average  
EBW 20MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

Plot 7.4.166 Radiated emission measurements from 14 to 18 GHz at the mid carrier frequency (5655MHz)

TEST SITE: OATS  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Peak  
EBW: 5MHz



Plot 7.4.167 Radiated emission measurements from 14 to 18 GHz at the mid carrier frequency (5655MHz)

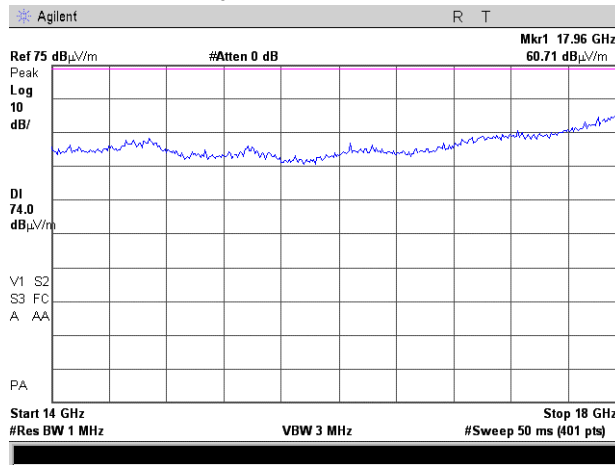
TEST SITE: OATS  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Average  
EBW: 5MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

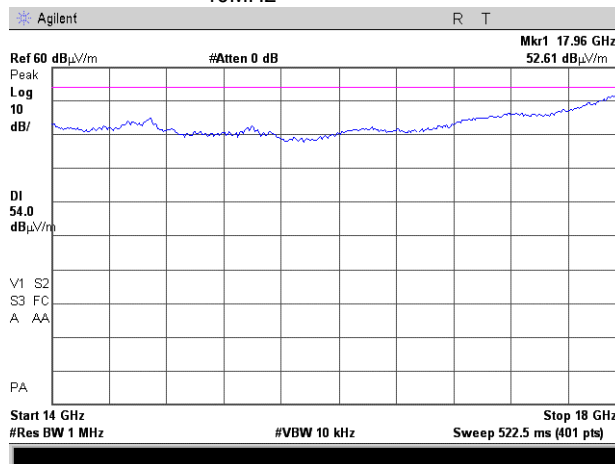
Plot 7.4.168 Radiated emission measurements from 14 to 18 GHz at the mid carrier frequency (5660MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 10MHz



Plot 7.4.169 Radiated emission measurements from 14 to 18 GHz at the mid carrier frequency (5660MHz)

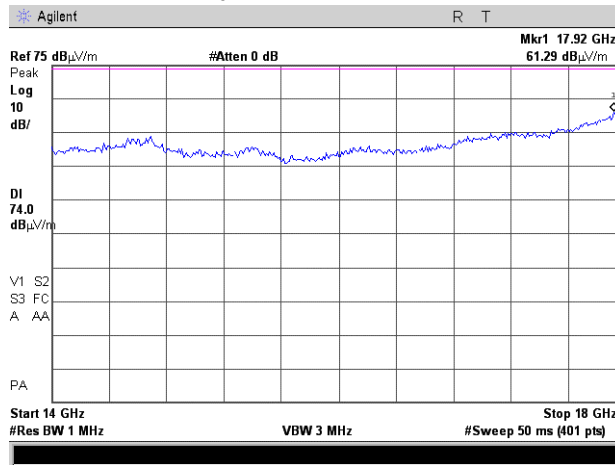
TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 10MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

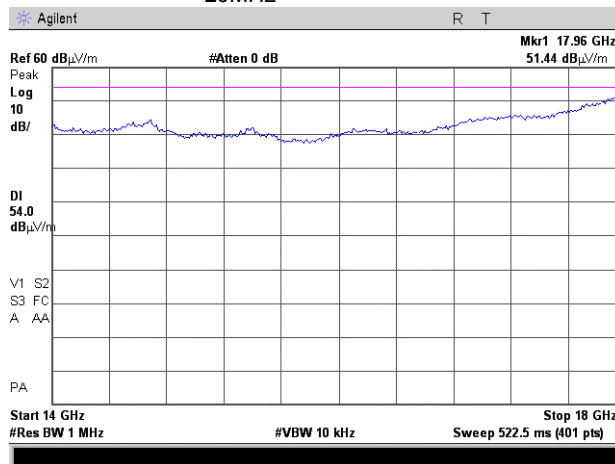
**Plot 7.4.170 Radiated emission measurements from 14 to 18 GHz at the mid carrier frequency (5665MHz)**

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20MHz



**Plot 7.4.171 Radiated emission measurements from 14 to 18 GHz at the mid carrier frequency (5665MHz)**

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 20MHz

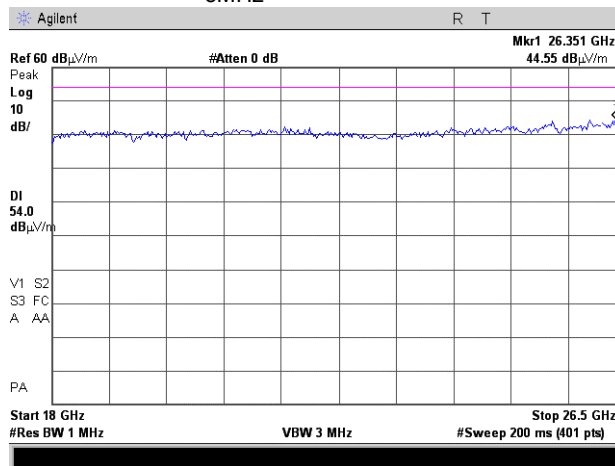




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

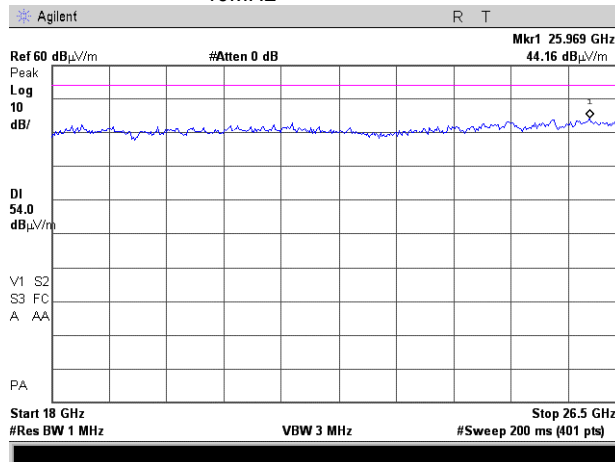
Plot 7.4.172 Radiated emission measurements from 18 to 26.5 GHz at the mid carrier frequency (5655MHz)

TEST SITE: OATS  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
EBW 5MHz



Plot 7.4.173 Radiated emission measurements from 18 to 26.5 GHz at the mid carrier frequency (5660MHz)

TEST SITE: OATS  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
EBW 10MHz

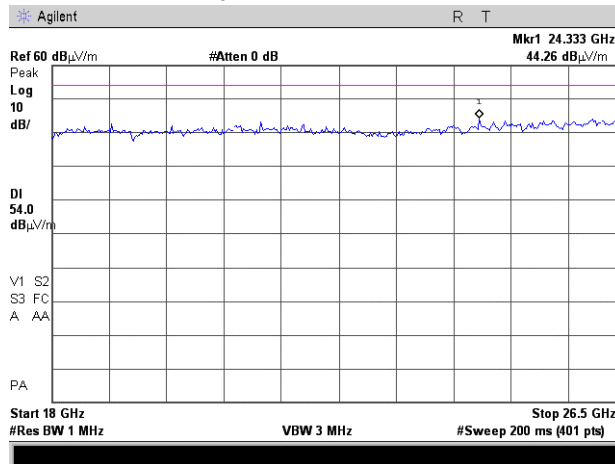




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

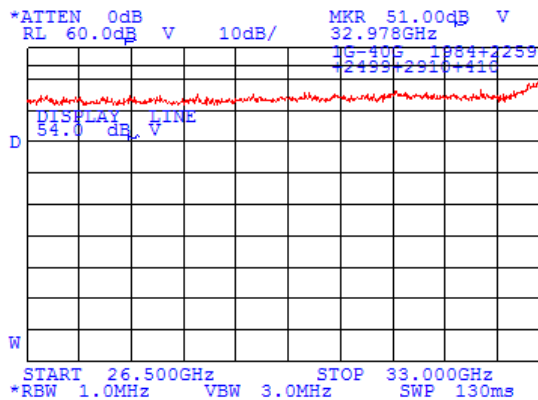
Plot 7.4.174 Radiated emission measurements from 18 to 26.5 GHz at the mid carrier frequency (5665MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 EBW 20MHz



Plot 7.4.175 Radiated emission measurements from 26.5 to 33 GHz at the mid carrier frequency (5655MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 EBW 5 MHz

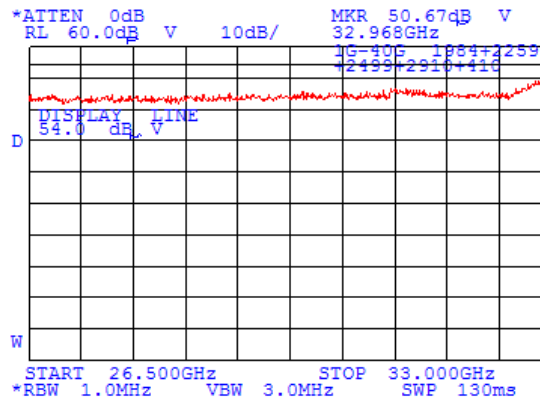




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

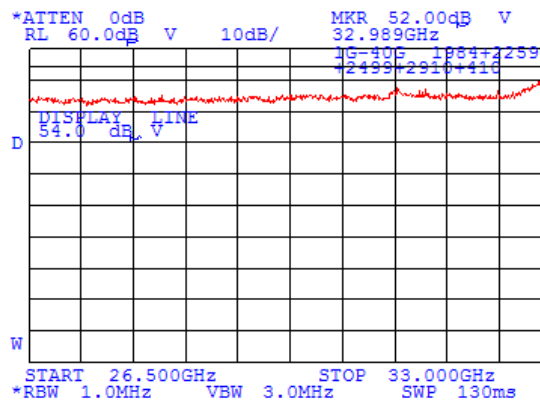
Plot 7.4.176 Radiated emission measurements from 26.5 to 33 GHz at the mid carrier frequency (5660MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 EBW: 10 MHz



Plot 7.4.177 Radiated emission measurements from 26.5 to 33 GHz at the mid carrier frequency (5665MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 EBW: 20 MHz

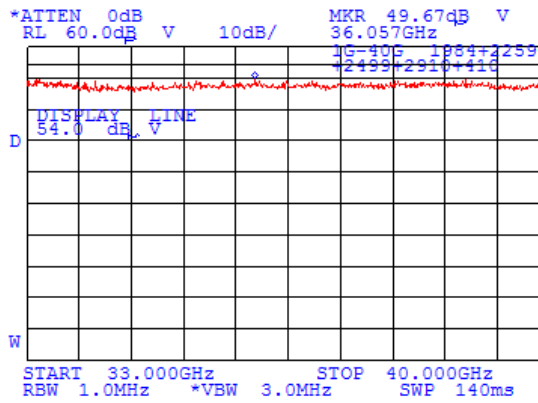




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

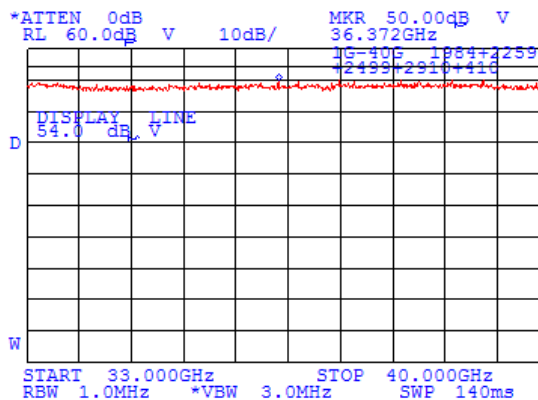
Plot 7.4.178 Radiated emission measurements from 33 to 40 GHz at the mid carrier frequency (5655MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 EBW: 5 MHz



Plot 7.4.179 Radiated emission measurements from 33 to 40 GHz at the mid carrier frequency (5660MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 EBW: 10 MHz

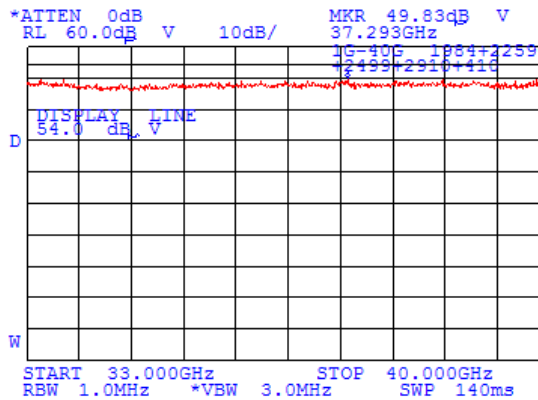




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

Plot 7.4.180 Radiated emission measurements from 33 to 40 GHz at the mid carrier frequency (5665MHz)

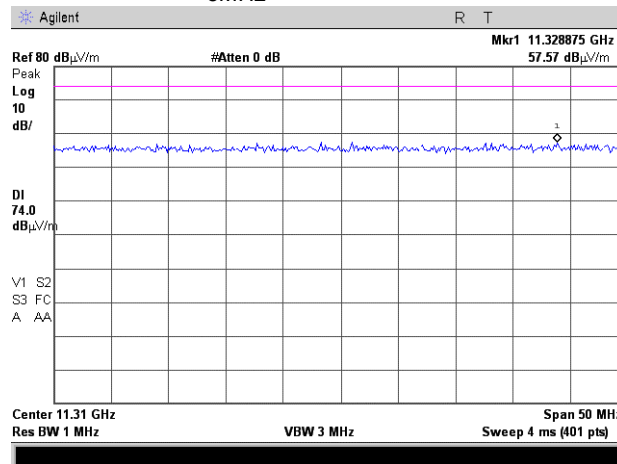
TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 EBW 20MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

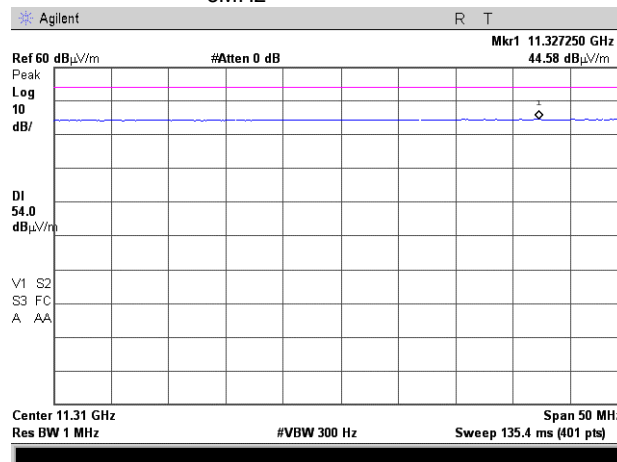
Plot 7.4.181 Radiated emission measurements at the second harmonic of mid carrier frequency (5655MHz)

TEST SITE: OATS  
TEST DISTANCE: 3 m  
DETECTOR: Peak  
EBW: 5MHz



Plot 7.4.182 Radiated emission measurements at the second harmonic of mid carrier frequency (5655MHz)

TEST SITE: OATS  
TEST DISTANCE: 3 m  
DETECTOR: Average  
EBW: 5MHz

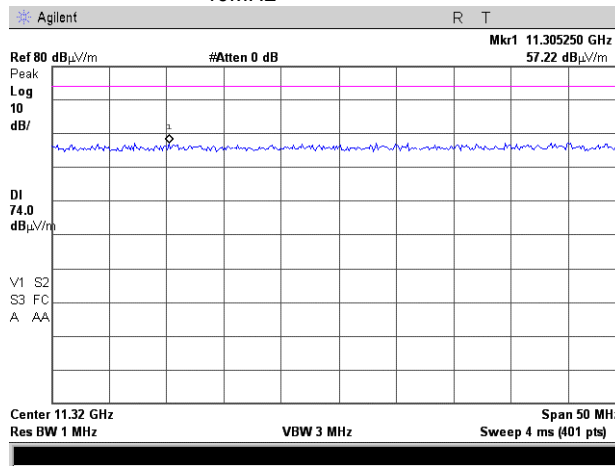




<b>Test specification:</b> Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions			
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance	<b>Verdict:</b> PASS		
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

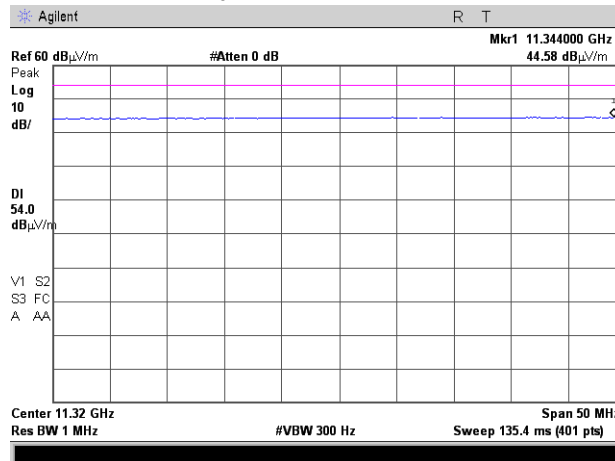
Plot 7.4.183 Radiated emission measurements at the second harmonic of mid carrier frequency (5660MHz)

TEST SITE: OATS  
TEST DISTANCE: 3 m  
DETECTOR: Peak  
EBW: 10MHz



Plot 7.4.184 Radiated emission measurements at the second harmonic of mid carrier frequency (5660MHz)

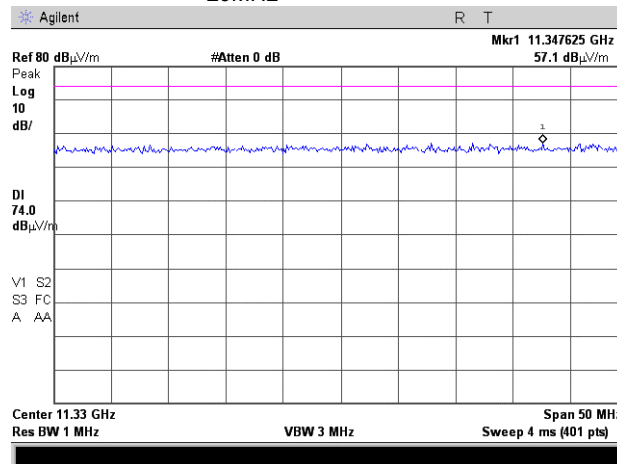
TEST SITE: OATS  
TEST DISTANCE: 3 m  
DETECTOR: Average  
EBW: 10MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

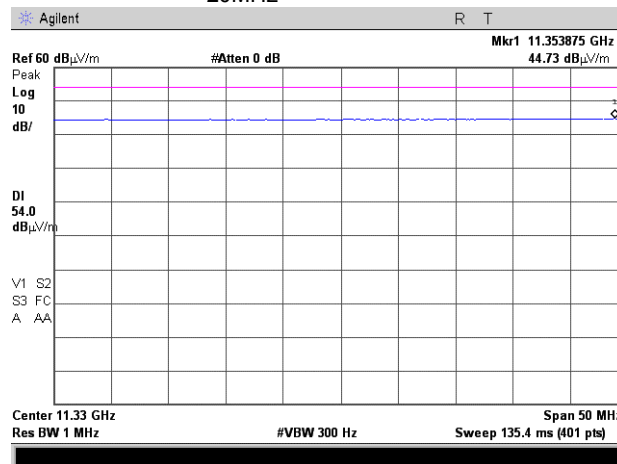
Plot 7.4.185 Radiated emission measurements at the second harmonic of mid carrier frequency (5665MHz)

TEST SITE: OATS  
TEST DISTANCE: 3 m  
DETECTOR: Peak  
EBW: 20MHz



Plot 7.4.186 Radiated emission measurements at the second harmonic of mid carrier frequency (5665MHz)

TEST SITE: OATS  
TEST DISTANCE: 3 m  
DETECTOR: Average  
EBW: 20MHz



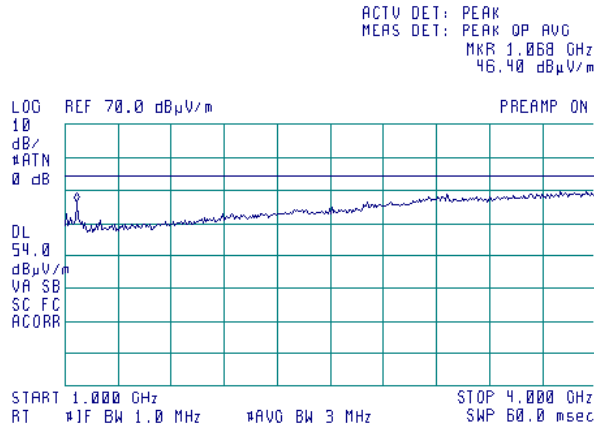




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

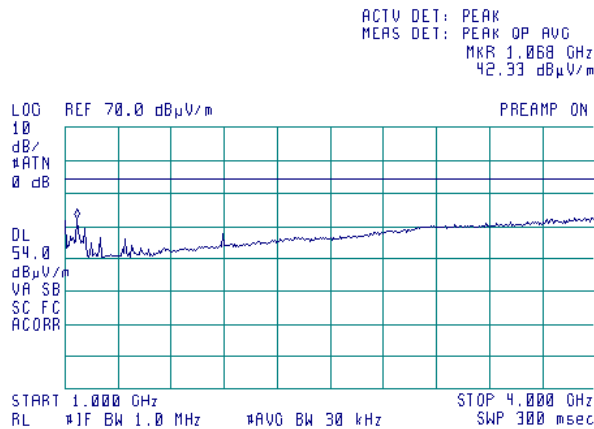
Plot 7.4.187 Radiated emission measurements from 1.0 to 4.0 GHz at the high carrier frequency (5720MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5MHz



Plot 7.4.188 Radiated emission measurements from 1.0 to 4.0 GHz at the high carrier frequency (5720MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 5MHz

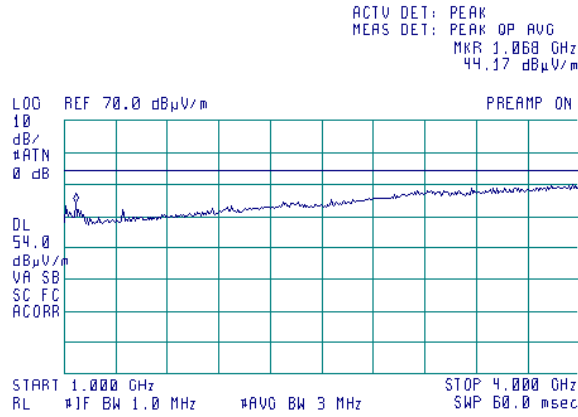




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

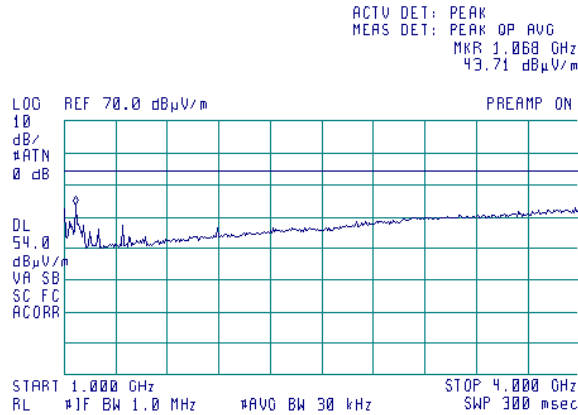
Plot 7.4.189 Radiated emission measurements from 1.0 to 4.0 GHz at the high carrier frequency (5715MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 10MHz



Plot 7.4.190 Radiated emission measurements from 1.0 to 4.0 GHz at the high carrier frequency (5715MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 10MHz

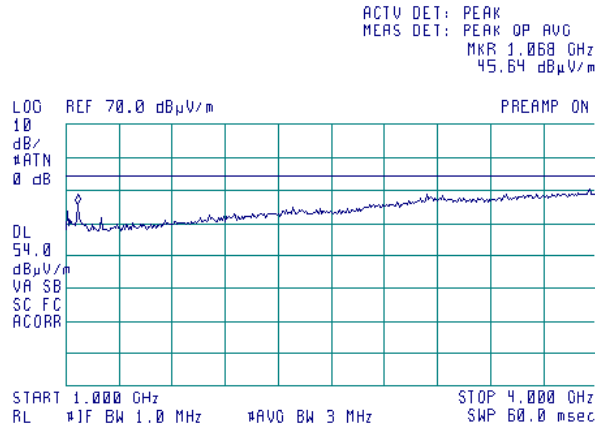




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

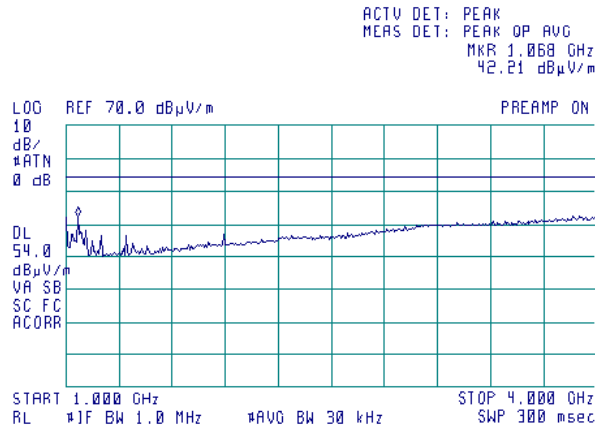
Plot 7.4.191 Radiated emission measurements from 1.0 to 4.0 GHz at the high carrier frequency (5710MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20MHz



Plot 7.4.192 Radiated emission measurements from 1.0 to 4.0 GHz at the high carrier frequency (5710MHz)

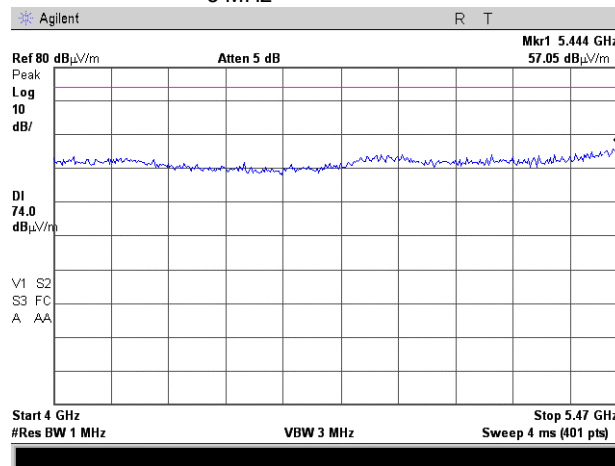
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 20MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

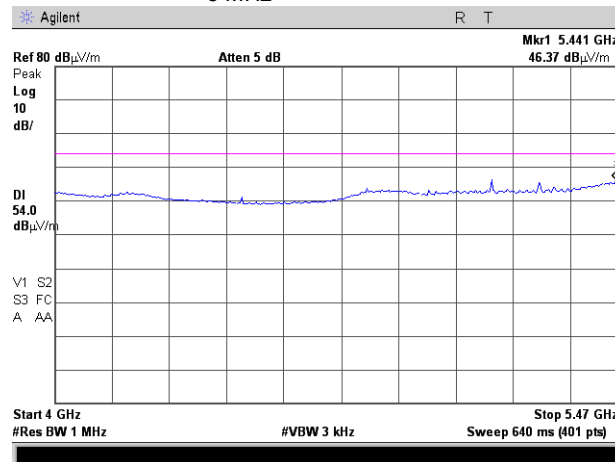
**Plot 7.4.193 Radiated emission measurements from 4.00 to 5.47 GHz at the high carrier frequency (5720MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5 MHz



**Plot 7.4.194 Radiated emission measurements from 4.00 to 5.47 GHz at the high carrier frequency (5720MHz)**

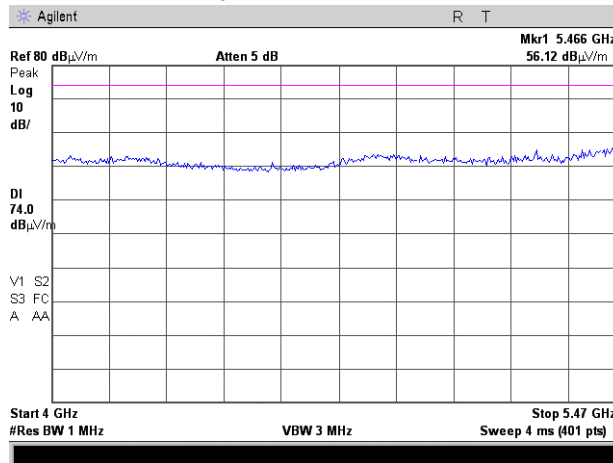
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 5 MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

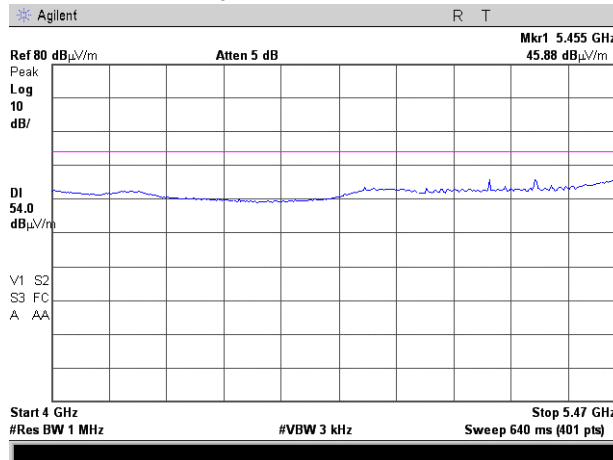
**Plot 7.4.195 Radiated emission measurements from 4.00 to 5.47 GHz at the high carrier frequency (5715MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 10 MHz



**Plot 7.4.196 Radiated emission measurements from 4.00 to 5.47 GHz at the high carrier frequency (5715MHz)**

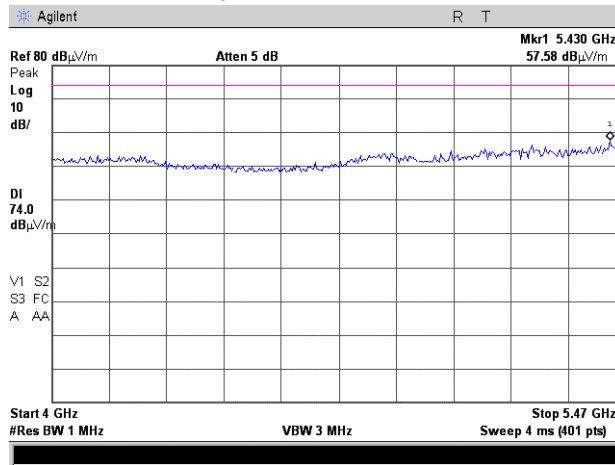
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 10 MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

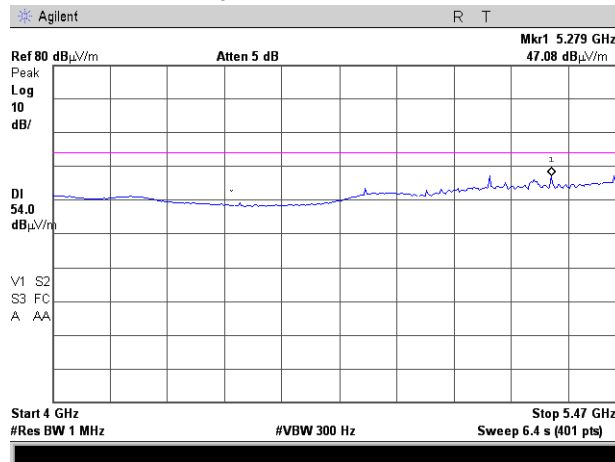
Plot 7.4.197 Radiated emission measurements from 4.0 to 5.47 GHz at the high carrier frequency (5710MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20 MHz



Plot 7.4.198 Radiated emission measurements from 4.0 to 5.47GHz at the high carrier frequency (5710MHz)

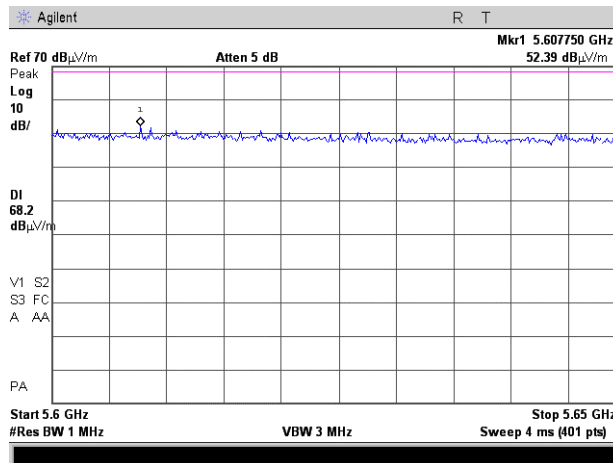
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 20 MHz



<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

Plot 7.4.199 Radiated emission measurements from 5.6 to 5.65GHz at the high carrier frequency (5720MHz)

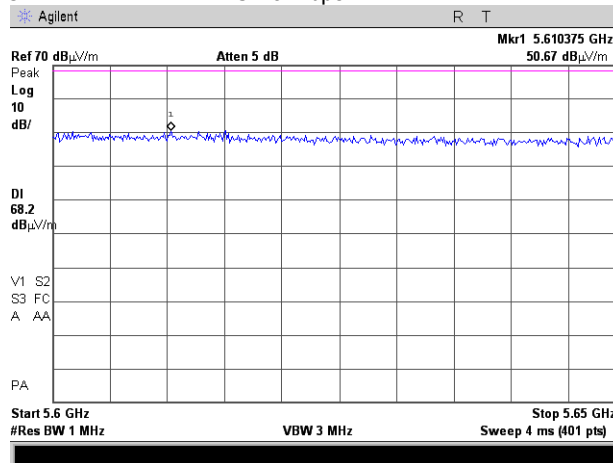
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5 MHz  
 MODULATION: BPSK 1.5 Mbps



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

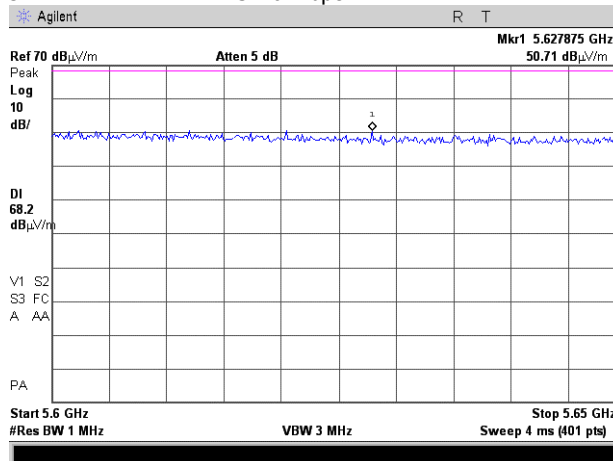
Plot 7.4.200 Radiated emission measurements from 5.6 to 5.65GHz at the high carrier frequency (5715MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW 10 MHz  
 MODULATION: BPSK 3 Mbps



Plot 7.4.201 Radiated emission measurements from 5.6 to 5.65GHz at the high carrier frequency (5710MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW 20 MHz  
 MODULATION: BPSK 6 Mbps

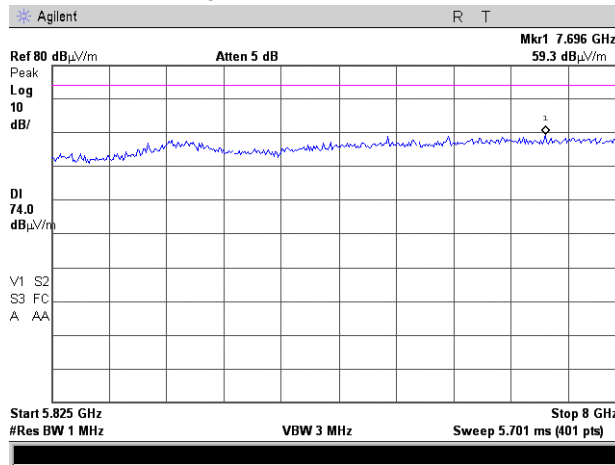




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

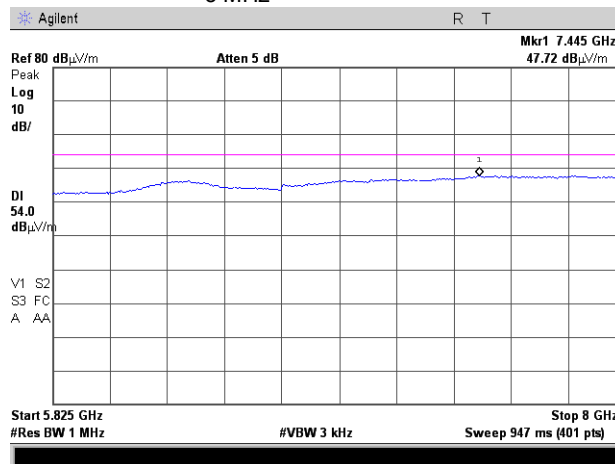
**Plot 7.4.202 Radiated emission measurements from 5.825 to 8.0 GHz at the high carrier frequency (5720MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5 MHz



**Plot 7.4.203 Radiated emission measurements from 5.825 to 8.0 GHz at the high carrier frequency (5720MHz)**

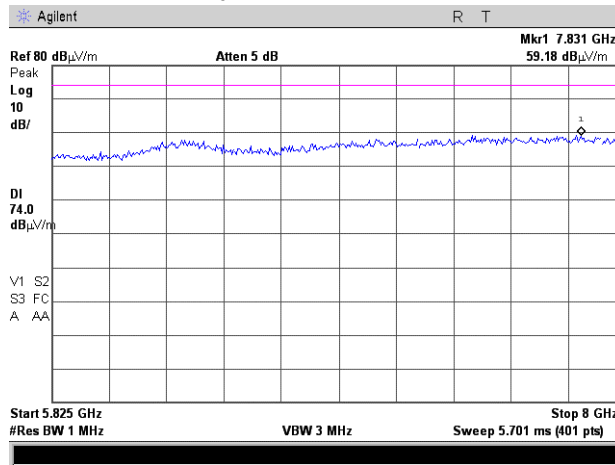
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 5 MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

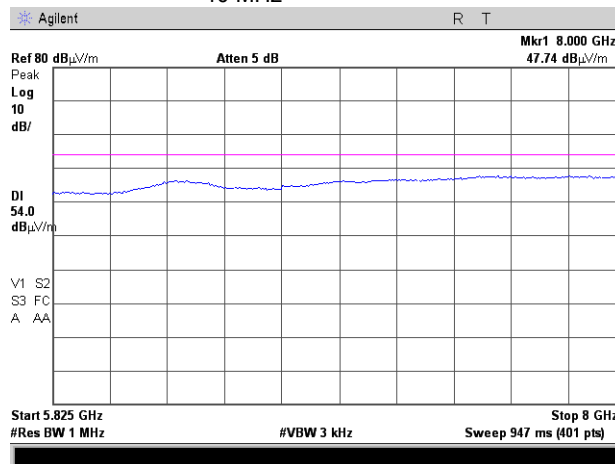
**Plot 7.4.204 Radiated emission measurements from 5.825 to 8.0 GHz at the high carrier frequency (5715MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 10 MHz



**Plot 7.4.205 Radiated emission measurements from 5.825 to 8.0 GHz at the high carrier frequency (5715MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 10 MHz

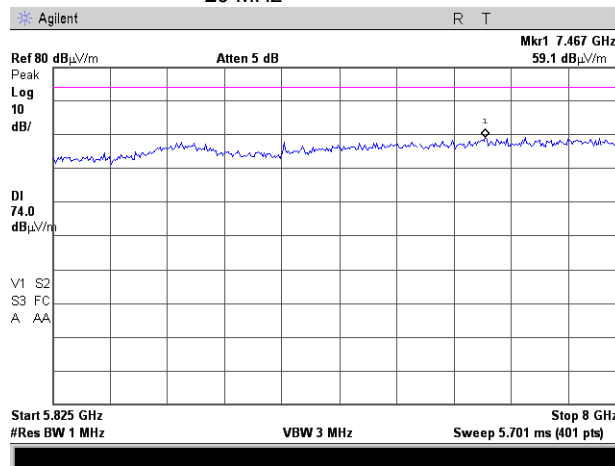




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

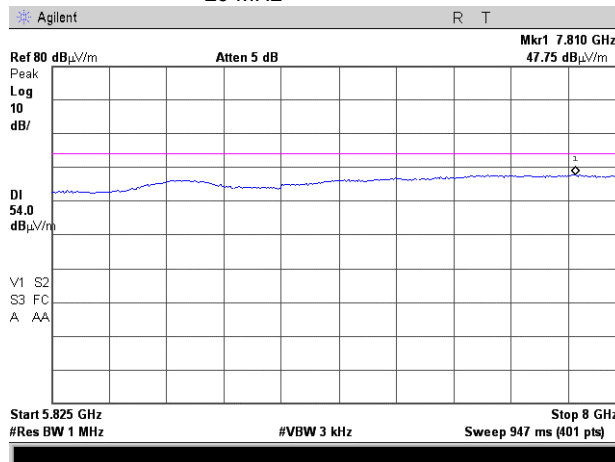
Plot 7.4.206 Radiated emission measurements from 5.825 to 8.0 GHz at the high carrier frequency (5710MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Peak  
EBW: 20 MHz



Plot 7.4.207 Radiated emission measurements from 5.825 to 8.0 GHz at the high carrier frequency (5710MHz)

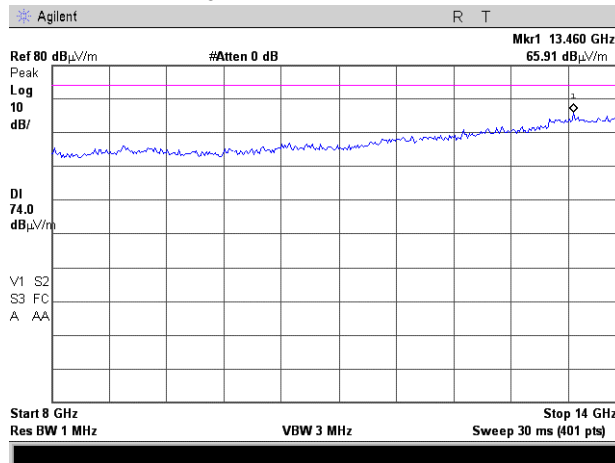
TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Average  
EBW: 20 MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

Plot 7.4.208 Radiated emission measurements from 8 to 14 GHz at the high carrier frequency (5720MHz)

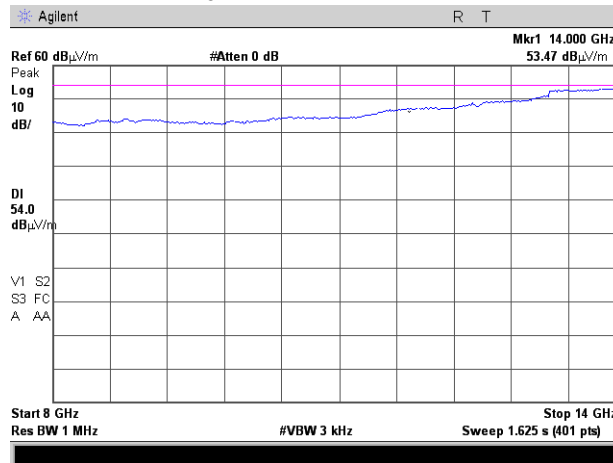
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

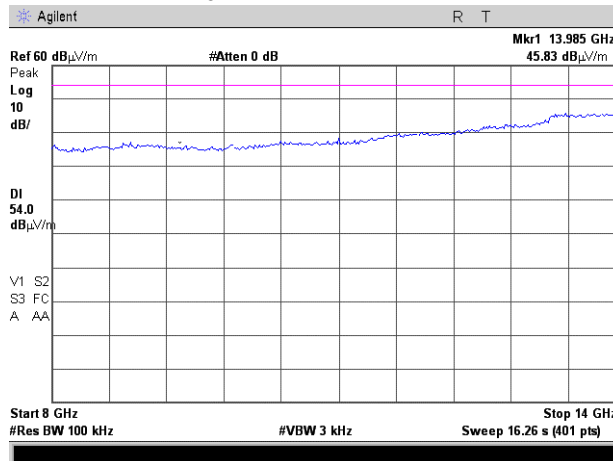
**Plot 7.4.209 Radiated emission measurements from 8 to 14 GHz at the high carrier frequency (5720MHz),  
RBW=1 MHz**

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Average  
EBW 5MHz



**Plot 7.4.210 Radiated emission measurements from 8 to 14 GHz at the high carrier frequency (5720MHz),  
RBW=100 kHz**

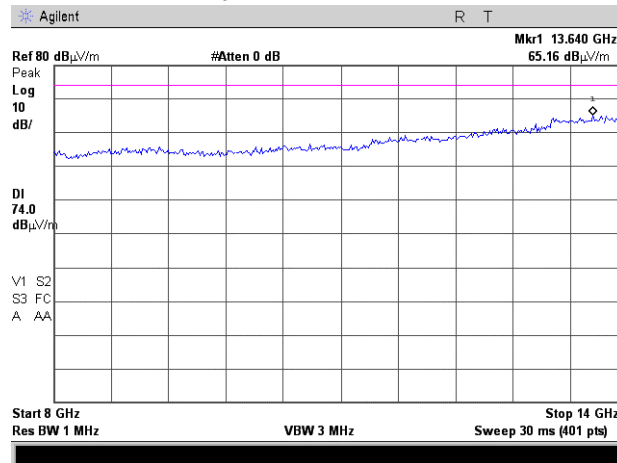
TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Average  
EBW 5MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

Plot 7.4.211 Radiated emission measurements from 8 to 14 GHz at the high carrier frequency (5715MHz)

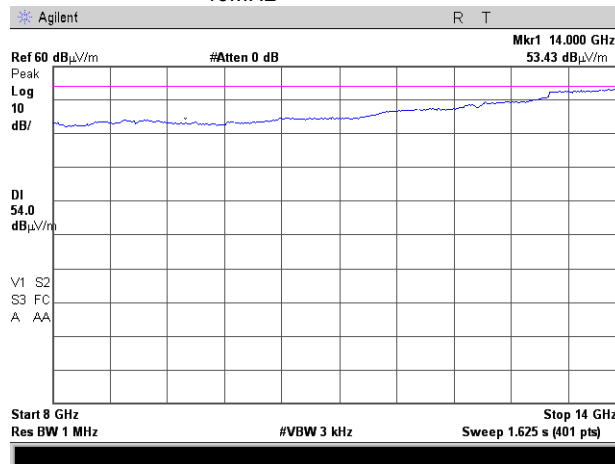
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 10MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

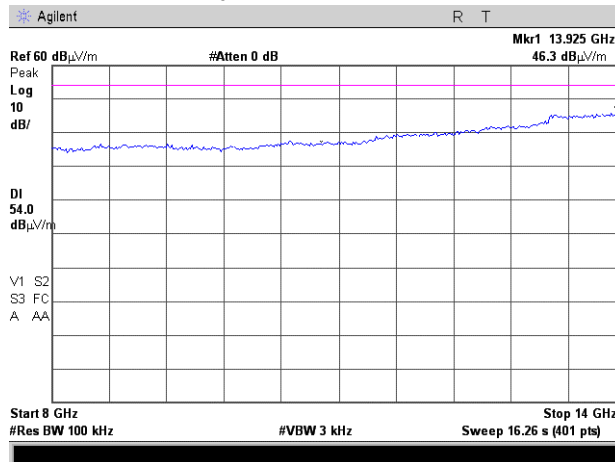
**Plot 7.4.212 Radiated emission measurements from 8 to 14 GHz at the high carrier frequency (5715MHz),  
RBW=1 MHz**

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Average  
EBW: 10MHz



**Plot 7.4.213 Radiated emission measurements from 8 to 14 GHz at the high carrier frequency (5715MHz),  
RBW=100 kHz**

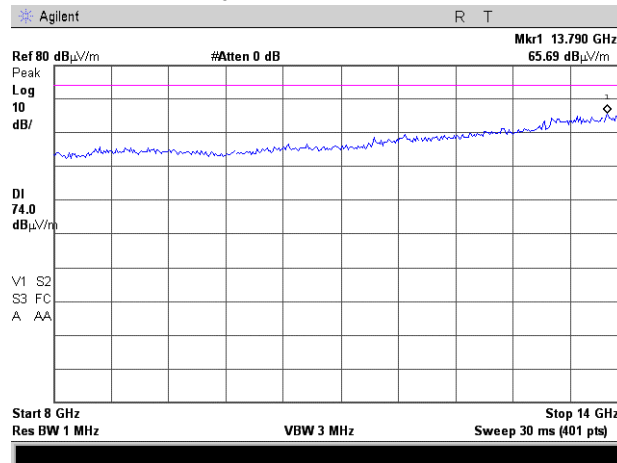
TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Average  
EBW: 10MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

Plot 7.4.214 Radiated emission measurements from 8 to 14 GHz at the high carrier frequency (5710MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20MHz

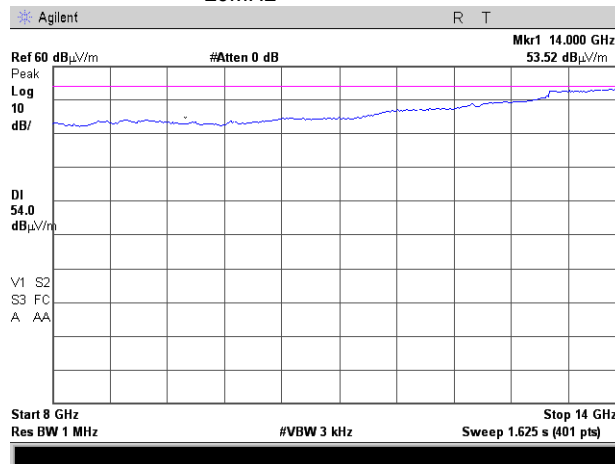




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

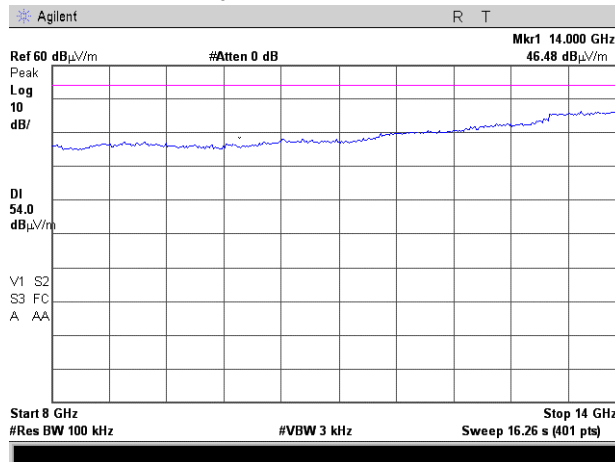
**Plot 7.4.215 Radiated emission measurements from 8 to 14 GHz at the high carrier frequency (5710MHz),  
RBW=1 MHz**

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Average  
EBW: 20MHz



**Plot 7.4.216 Radiated emission measurements from 8 to 14 GHz at the high carrier frequency (5710MHz),  
RBW=100 kHz**

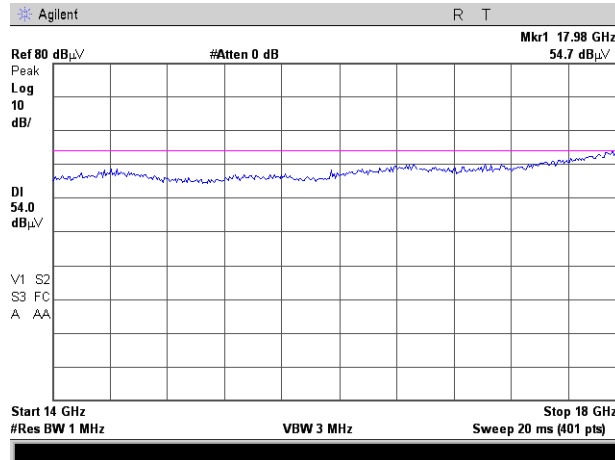
TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Average  
EBW: 20MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

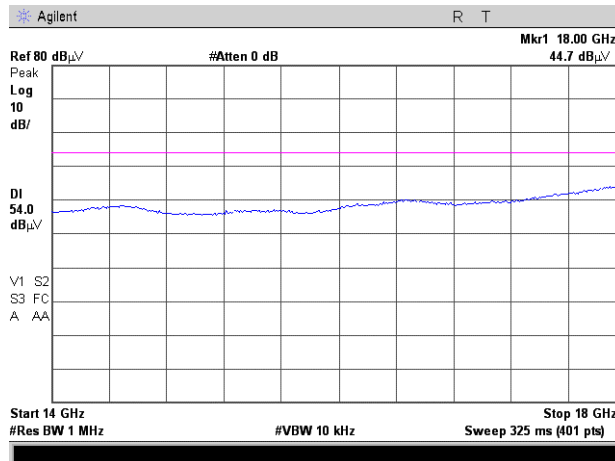
Plot 7.4.217 Radiated emission measurements from 14 to 18 GHz at the high carrier frequency (5720MHz)

TEST SITE: Semi Anechoic  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW 5MHz



Plot 7.4.218 Radiated emission measurements from 14 to 18 GHz at the high carrier frequency (5720MHz)

TEST SITE: Semi Anechoic  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW 5MHz

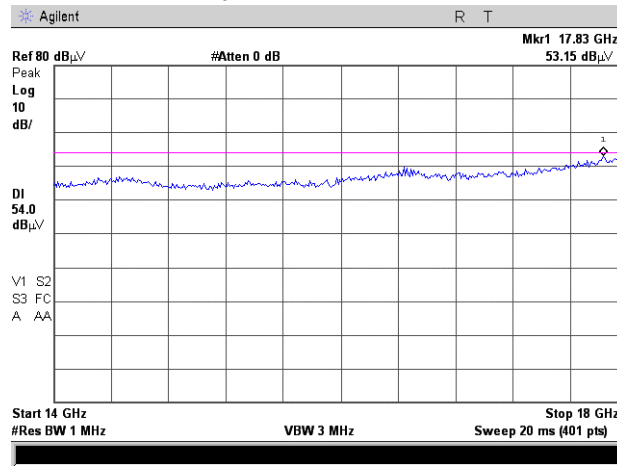




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

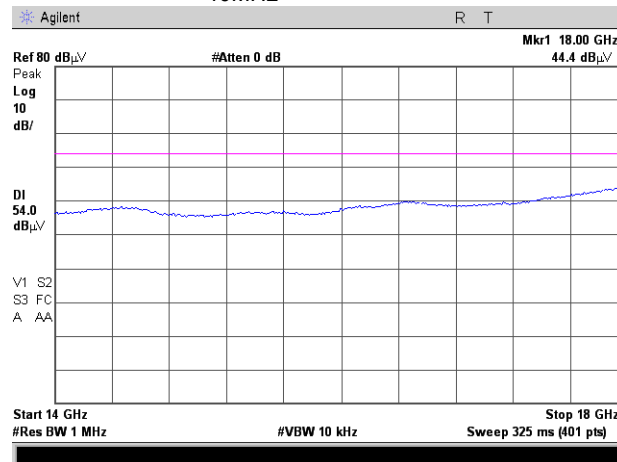
Plot 7.4.219 Radiated emission measurements from 14 to 18 GHz at the high carrier frequency (5715MHz)

TEST SITE: Semi Anechoic  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 10MHz



Plot 7.4.220 Radiated emission measurements from 14 to 18 GHz at the high carrier frequency (5715MHz)

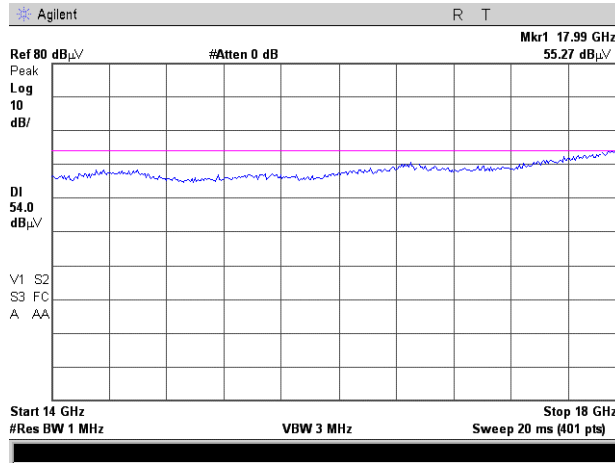
TEST SITE: Semi Anechoic  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 10MHz



<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

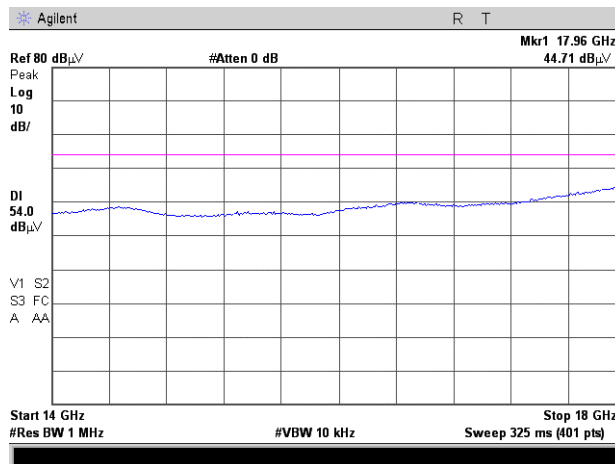
**Plot 7.4.221 Radiated emission measurements from 14 to 18 GHz at the high carrier frequency (5710MHz)**

TEST SITE: Semi Anechoic  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20MHz



**Plot 7.4.222 Radiated emission measurements from 14 to 18 GHz at the high carrier frequency (5710MHz)**

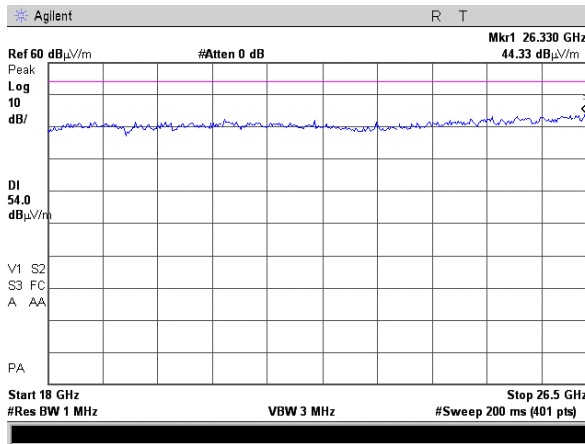
TEST SITE: Semi Anechoic  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 20MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

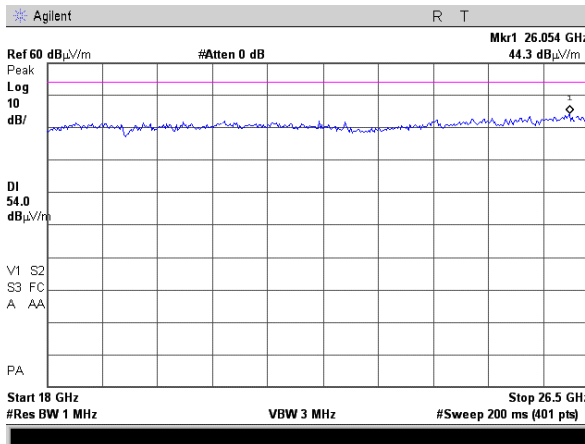
Plot 7.4.223 Radiated emission measurements from 18 to 26.5 GHz at the high carrier frequency (5720MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak under average limit  
 EBW: 5MHz



Plot 7.4.224 Radiated emission measurements from 18 to 26.5 GHz at the high carrier frequency (5715MHz)

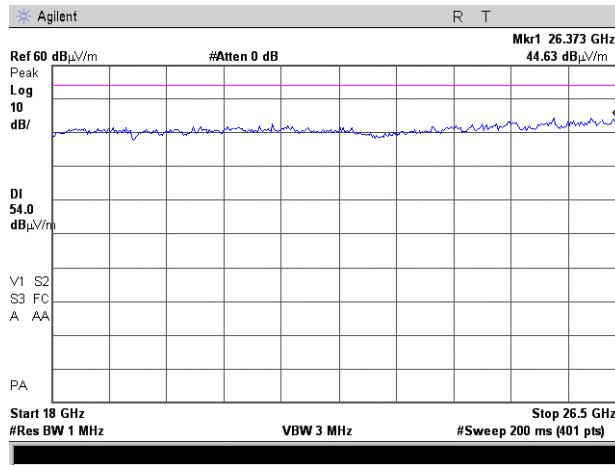
TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak under average limit  
 EBW: 10MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

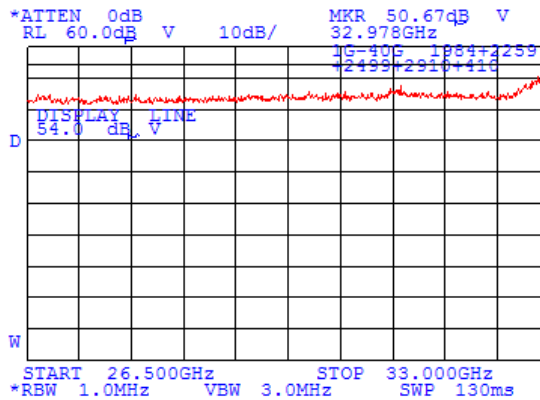
Plot 7.4.225 Radiated emission measurements from 18 to 26.5 GHz at the high carrier frequency (5710MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak under average limit  
 EBW: 20MHz



Plot 7.4.226 Radiated emission measurements from 26.5 to 33 GHz at the high carrier frequency (5720MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak under average limit  
 EBW: 5Hz

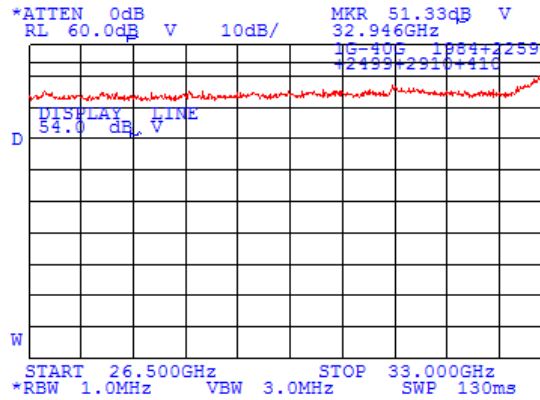




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

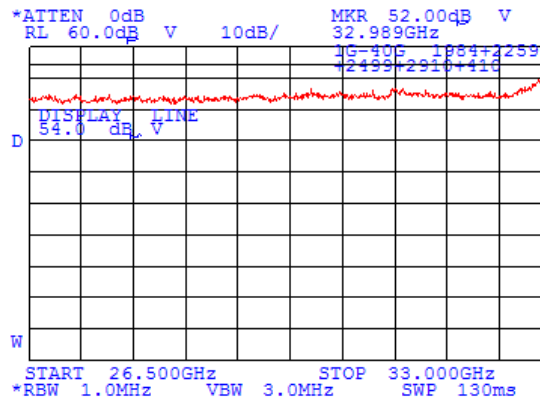
Plot 7.4.227 Radiated emission measurements from 26.5 to 33 GHz at the high carrier frequency (5715MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak under average limit  
 EBW: 10Hz



Plot 7.4.228 Radiated emission measurements from 26.5 to 33 GHz at the high carrier frequency (5710MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak under average limit  
 EBW: 20MHz

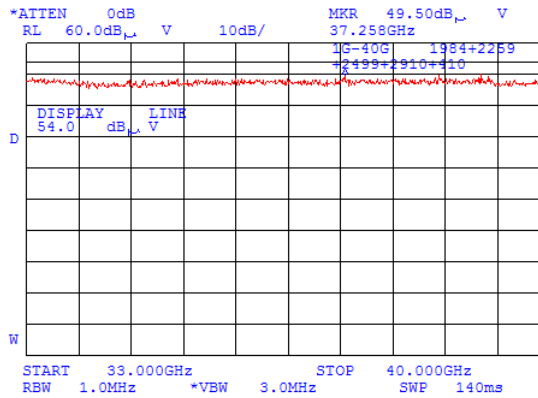




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

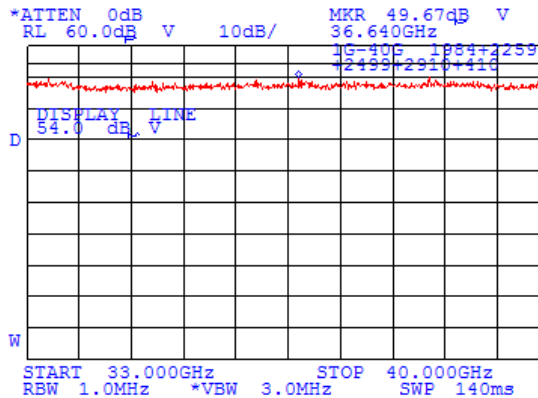
Plot 7.4.229 Radiated emission measurements from 33 to 40 GHz at the high carrier frequency (5720MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak under average limit  
 EBW: 5 MHz



Plot 7.4.230 Radiated emission measurements from 33 to 40 GHz at the high carrier frequency (5715MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak under average limit  
 EBW: 10MHz



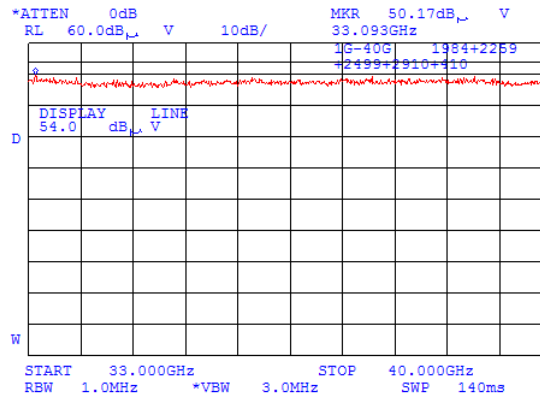




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

**Plot 7.4.231 Radiated emission measurements from 33 to 40 GHz at the high carrier frequency (5710MHz)**

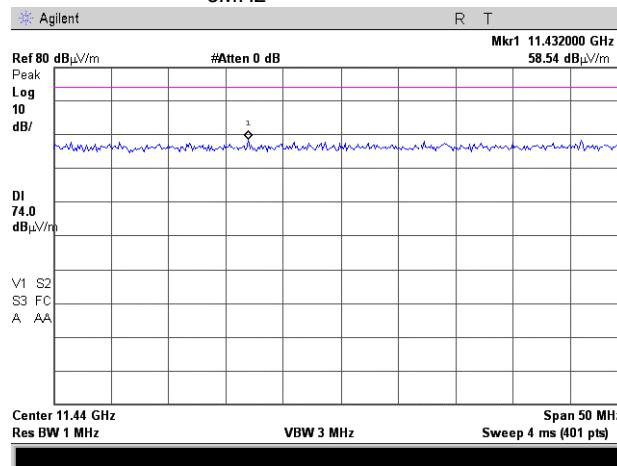
TEST SITE: OATS  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Peak under average limit  
EBW: 20MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

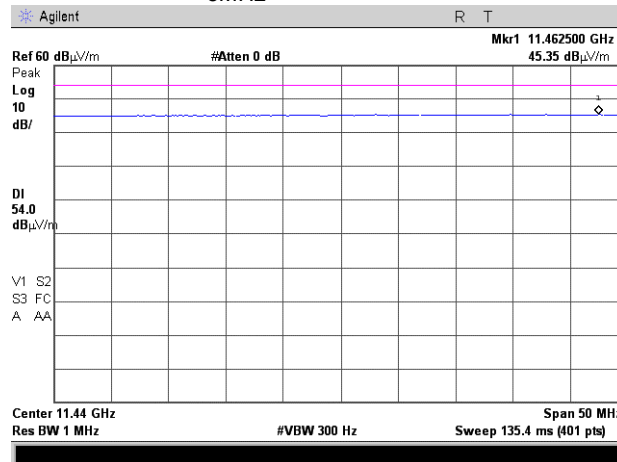
Plot 7.4.232 Radiated emission measurements at the second harmonic of high carrier frequency (5720MHz)

TEST SITE: OATS  
TEST DISTANCE: 3 m  
DETECTOR: Peak  
EBW: 5MHz



Plot 7.4.233 Radiated emission measurements at the second harmonic of high carrier frequency (5720MHz)

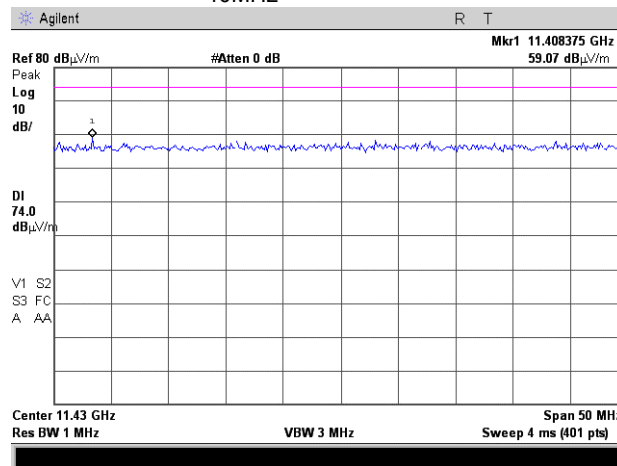
TEST SITE: OATS  
TEST DISTANCE: 3 m  
DETECTOR: Average  
EBW: 5MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

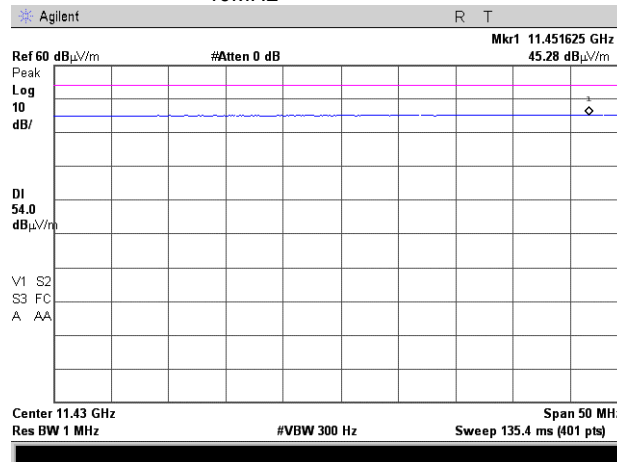
Plot 7.4.234 Radiated emission measurements at the second harmonic of high carrier frequency (5715MHz)

TEST SITE: OATS  
TEST DISTANCE: 3 m  
DETECTOR: Peak  
EBW: 10MHz



Plot 7.4.235 Radiated emission measurements at the second harmonic of high carrier frequency (5715MHz)

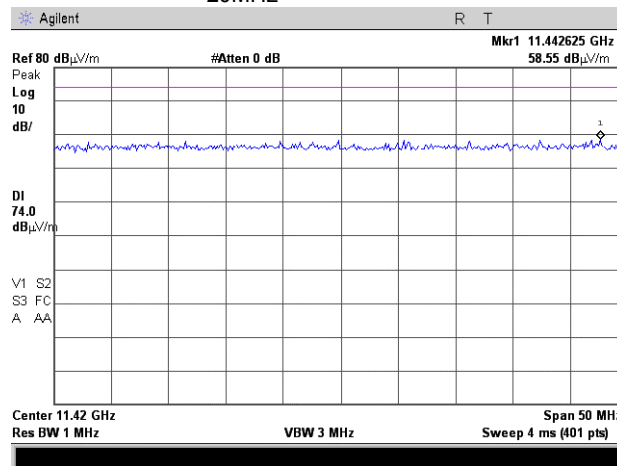
TEST SITE: OATS  
TEST DISTANCE: 3 m  
DETECTOR: Average  
EBW: 10MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

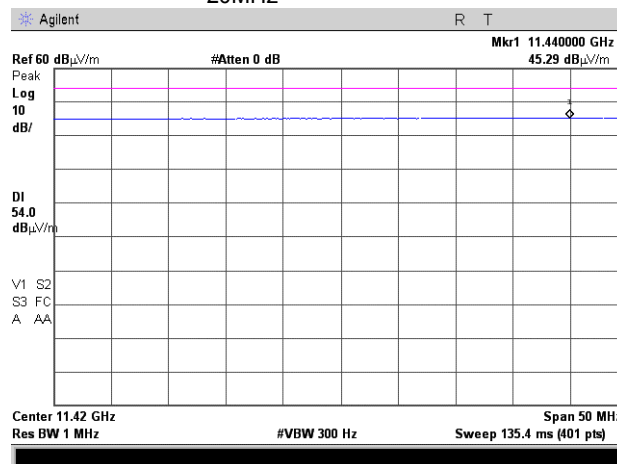
Plot 7.4.236 Radiated emission measurements at the second harmonic of high carrier frequency (5710MHz)

TEST SITE: OATS  
TEST DISTANCE: 3 m  
DETECTOR: Peak  
EBW: 20MHz



Plot 7.4.237 Radiated emission measurements at the second harmonic of high carrier frequency (5710MHz)

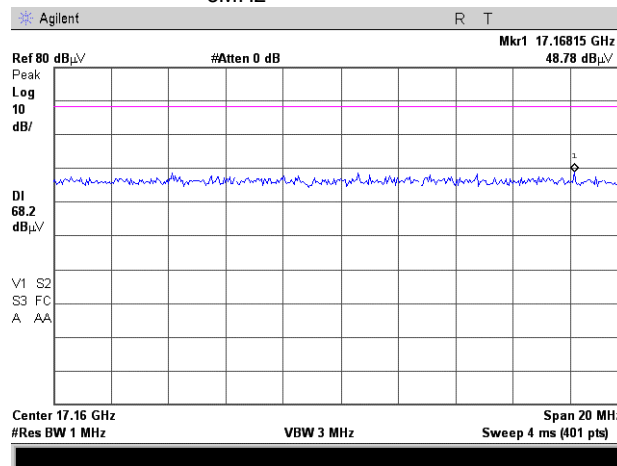
TEST SITE: OATS  
TEST DISTANCE: 3 m  
DETECTOR: Average  
EBW: 20MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

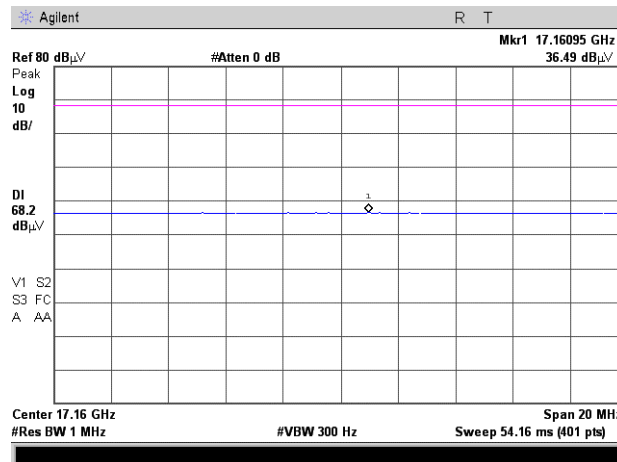
**Plot 7.4.238 Radiated emission measurements at the third harmonic of high carrier frequency (5720 MHz)**

TEST SITE: OATS  
TEST DISTANCE: 3 m  
DETECTOR: Peak  
EBW: 5MHz



**Plot 7.4.239 Radiated emission measurements at the third harmonic of high carrier frequency (5720 MHz)**

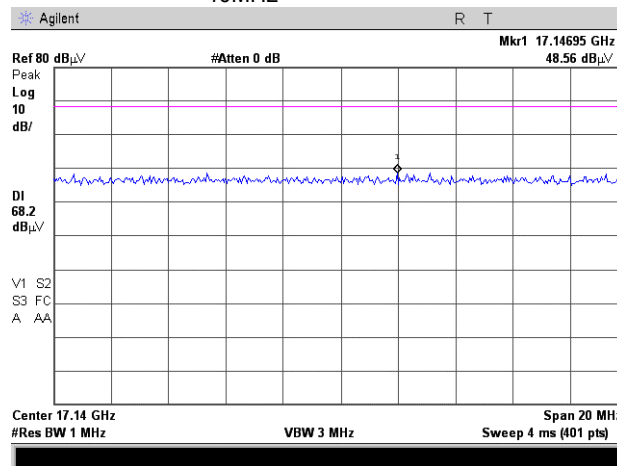
TEST SITE: OATS  
TEST DISTANCE: 3 m  
DETECTOR: Average  
EBW: 5MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3</b>	
		<b>Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

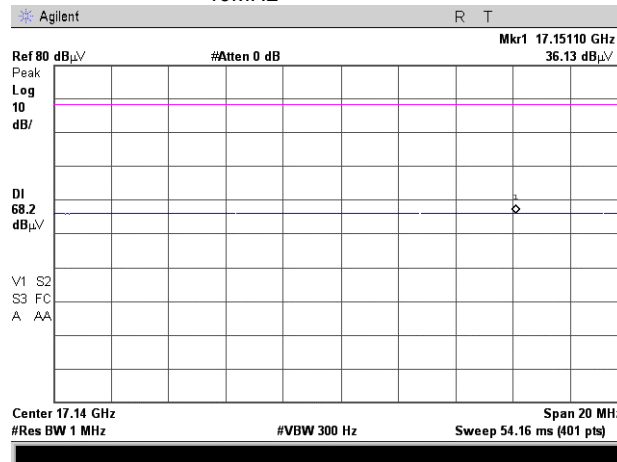
**Plot 7.4.240 Radiated emission measurements at the third harmonic of high carrier frequency (5715 MHz)**

TEST SITE: OATS  
TEST DISTANCE: 3 m  
DETECTOR: Peak  
EBW: 10MHz



**Plot 7.4.241 Radiated emission measurements at the third harmonic of high carrier frequency (5715 MHz)**

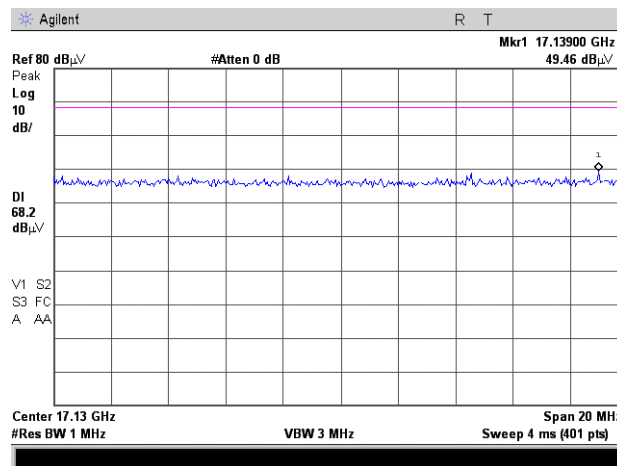
TEST SITE: OATS  
TEST DISTANCE: 3 m  
DETECTOR: Average  
EBW: 10MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

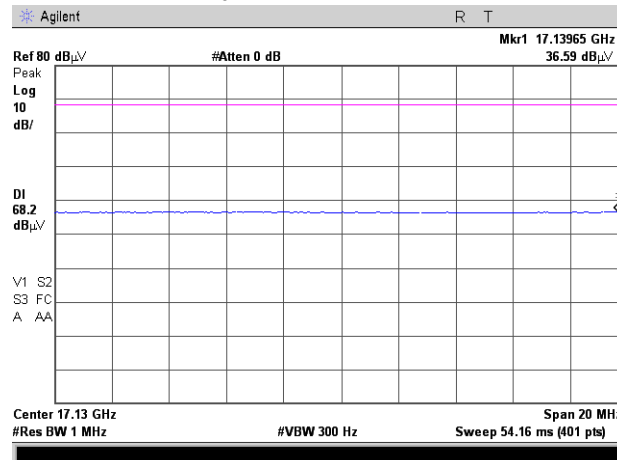
**Plot 7.4.242 Radiated emission measurements at the third harmonic of high carrier frequency (5710MHz)**

TEST SITE: OATS  
TEST DISTANCE: 3 m  
DETECTOR: Peak  
EBW: 20MHz



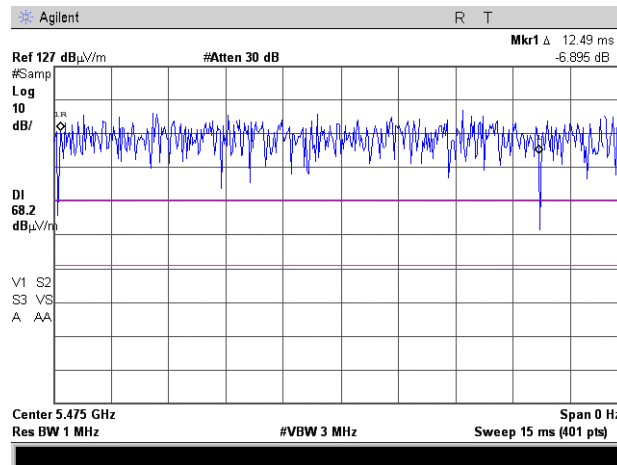
**Plot 7.4.243 Radiated emission measurements at the third harmonic of high carrier frequency (5710MHz)**

TEST SITE: OATS  
TEST DISTANCE: 3 m  
DETECTOR: Average  
EBW: 20MHz

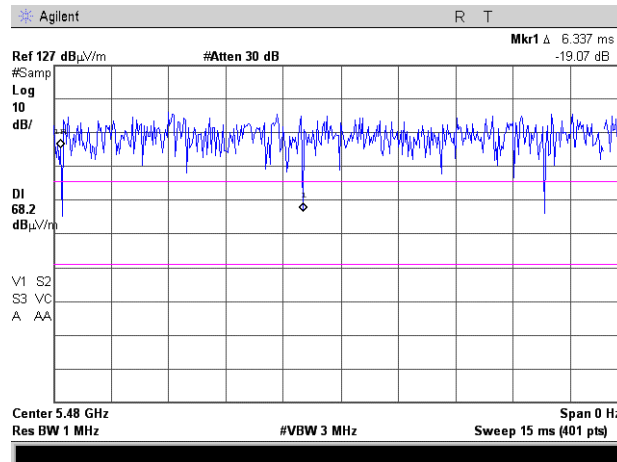


<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

Plot 7.4.244 TxON time for 5MHz channel BW (1.5 Mbps, BPSK)



Plot 7.4.245 TxON time for 10MHz channel BW (3 Mbps, BPSK)

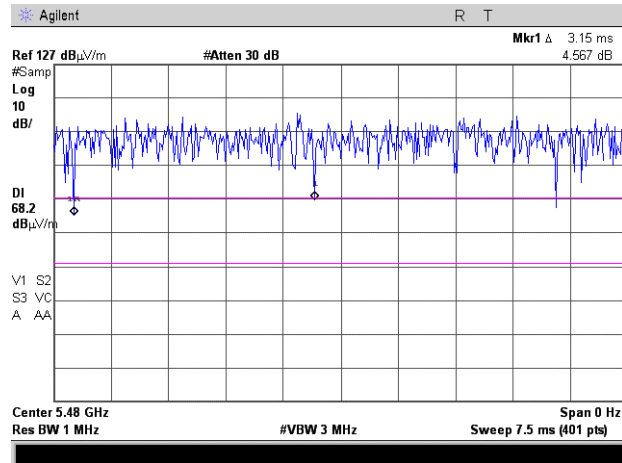






<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

Plot 7.4.246 TxON time for 20MHz channel BW (6 Mbps, BPSK)





<b>Test specification:</b> Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions			
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements below 1 GHz			

Table 7.4.7 Field strength of spurious emissions below 1 GHz

ASSIGNED FREQUENCY:	5470 - 5725 MHz
INVESTIGATED FREQUENCY RANGE:	0.009 – 1000 MHz
TEST DISTANCE:	3 m
MODULATION:	OFDM BPSK
MODULATING SIGNAL:	PRBS
BIT RATE:	1.5Mbps at 5 MHz EBW; 3 Mbps at 10 MHz EBW; 6 Mbps at 20 MHz EBW
DUTY CYCLE:	100 %
TRANSMITTER OUTPUT POWER SETTINGS:	"3 dBm" at 5 MHz channel bandwidth "6 dBm" at 10 MHz channel bandwidth "9 dBm" at 20 MHz channel bandwidth
RESOLUTION BANDWIDTH:	0.2 kHz (9 kHz – 150 kHz); 9.0 kHz (150 kHz – 30 MHz); 120 kHz (30 MHz – 1000 MHz)
VIDEO BANDWIDTH:	> Resolution bandwidth
TEST ANTENNA TYPE:	Active loop (9 kHz – 30 MHz); Biconilog (30 MHz – 1000 MHz)

Frequency, MHz		Peak, dB(μV/m)	Quasi-peak			Antenna polariz.	Antenna height, m	Turn-table position**, degrees	Verdict
Channel	Spurious		Measured emission, dB(μV/m)	Limit, dB(μV/m)	Margin, dB*				
<b>5 MHz channel bandwidth</b>									
5475	77.21	28.60	25.00	40.00	-15.00	Vertical	1.0	180	
5475	666.66	38.20	36.70	46.00	-9.30	Vertical	1.1	180	
5475	933.33	44.80	43.50	46.00	-2.50	Vertical	1.4	195	
5595	800.00	38.10	36.90	46.00	-9.10	Vertical	1.0	180	
5595	933.33	44.40	43.30	46.00	-2.70	Vertical	1.4	200	
5595	999.98	46.80	45.1	54.00	-8.90	Vertical	1.0	180	
5655	666.66	38.40	37.10	46.00	-8.90	Vertical	1.0	180	
5655	933.33	44.70	43.50	46.00	-2.50	Vertical	1.4	195	
5655	999.98	46.30	44.70	54.00	-9.30	Vertical	1.0	215	
5720	666.66	37.40	35.70	46.00	-8.30	Vertical	1.0	235	
5720	933.33	44.60	43.90	46.00	-2.10	Vertical	1.4	195	
5720	999.98	46.00	44.30	54.00	-9.70	Vertical	1.0	245	
<b>10 MHz channel bandwidth</b>									
5480	799.99	38.30	35.50	46.00	-10.50	Vertical	1.0	180	
5480	933.33	44.60	43.40	46.00	-2.60	Vertical	1.3	200	
5480	999.99	47.00	46.20	54.00	-7.80	Vertical	1.0	0	
5590	666.66	36.90	34.70	46.00	-11.30	Vertical	1.0	180	
5590	933.33	45.00	44.00	46.00	-2.00	Vertical	1.4	200	
5590	999.98	46.10	45.40	54.00	-8.60	Vertical	1.0	180	
5660	666.67	38.20	37.50	46.00	-8.50	Vertical	1.0	180	
5660	933.33	45.10	43.80	46.00	-2.20	Vertical	1.4	200	
5660	999.98	47.40	45.60	54.00	-8.40	Vertical	1.0	180	
5715	666.67	37.30	35.60	46.00	-8.40	Vertical	1.0	240	
5715	933.33	44.70	43.80	46.00	-2.20	Vertical	1.4	190	
5715	999.98	45.90	44.10	54.00	-9.90	Vertical	1.0	210	



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b> PASS	
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements below 1 GHz			

Table 7.4.7 Field strength of spurious emissions below 1 GHz (continued)

Frequency, MHz		Peak, dB(μV/m)	Quasi-peak			Antenna polariz.	Antenna height, m	Turn-table position**, degrees	Verdict
Channel	Spurious		Measured emission, dB(μV/m)	Limit, dB(μV/m)	Margin, dB*				
<b>20 MHz channel bandwidth</b>									
5485	666.66	36.50	34.80	46.00	-11.20	Vertical	1.0	45	Pass
5485	933.33	44.70	43.30	46.00	-2.70	Vertical	1.3	190	
5485	999.98	46.50	45.00	54.00	-9.00	Vertical	1.0	120	
5585	666.66	36.80	34.90	46.00	-11.10	Vertical	1.0	180	
5585	933.32	44.20	42.90	46.00	-3.10	Vertical	1.3	180	
5585	999.98	46.50	44.70	54.00	-9.30	Vertical	1.0	225	
5665	666.66	36.90	35.00	46.00	-9.00	Vertical	1.0	180	
5665	933.33	44.90	43.30	46.00	-2.70	Vertical	1.3	190	
5665	999.98	47.20	45.50	54.00	-8.50	Vertical	1.0	180	
5710	666.66	37.40	35.50	46.00	-8.50	Vertical	1.0	240	
5710	933.33	45.30	43.50	46.00	-2.50	Vertical	1.4	200	
5710	999.98	46.30	44.40	54.00	-9.60	Vertical	1.0	225	

\*- Margin = Measured emission - specification limit.

\*\*- EUT front panel refer to 0 degrees position of turntable.

**Reference numbers of test equipment used**

HL 0446	HL 0521	HL 0589	HL 0604	HL 1425	HL 1556	HL 1947	HL 1984
HL 2009	HL 2909						

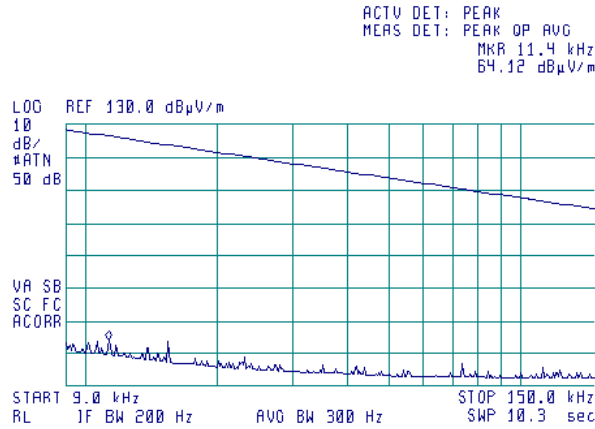
Full description is given in Appendix A.



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements below 1 GHz			

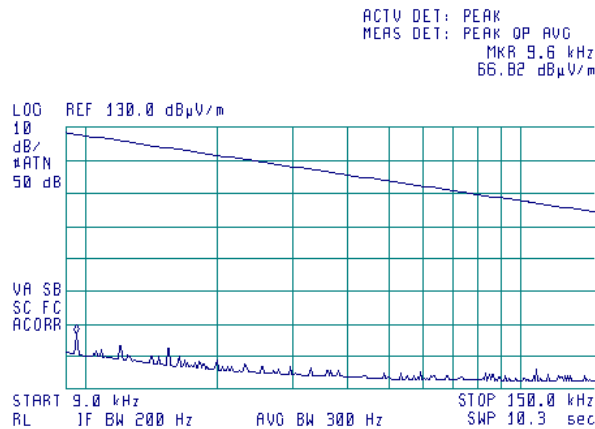
Plot 7.4.247 Radiated emission measurements from 9 to 150 kHz at the low carrier frequency (5475MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
MODULATION: OFDM BPSK  
EBW: 5MHz



Plot 7.4.248 Radiated emission measurements from 9 to 150 kHz at the low carrier frequency (5480MHz)

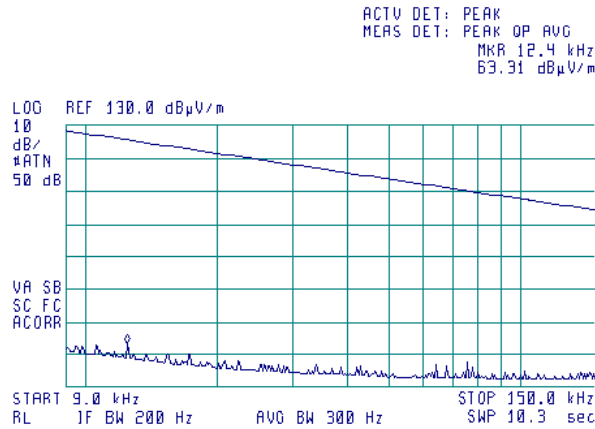
TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
MODULATION: OFDM BPSK  
EBW: 10MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements below 1 GHz			

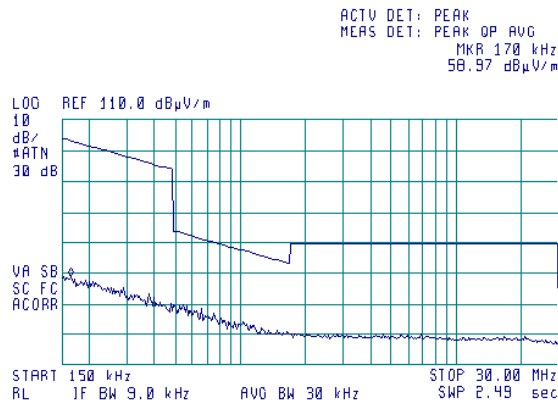
Plot 7.4.249 Radiated emission measurements from 9 to 150 kHz at the low carrier frequency (5485MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
MODULATION: OFDM BPSK  
EBW: 20MHz



Plot 7.4.250 Radiated emission measurements from 0.15 to 30 MHz at the low carrier frequency (5475MHz)

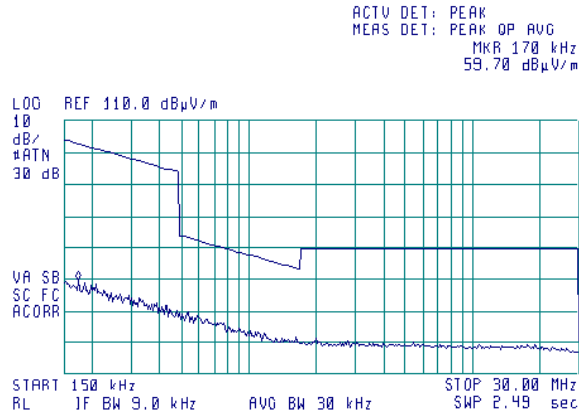
TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
MODULATION: OFDM BPSK  
EBW: 5MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements below 1 GHz			

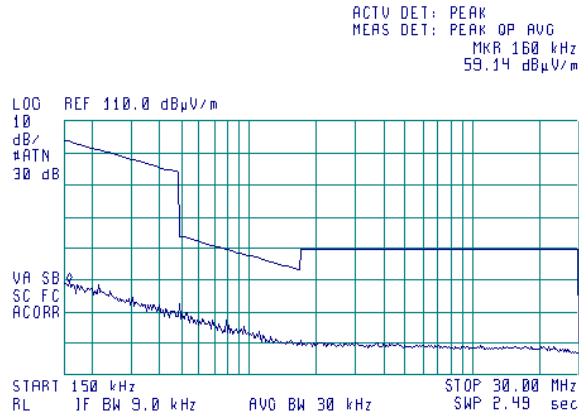
Plot 7.4.251 Radiated emission measurements from 0.15 to 30 MHz at the low carrier frequency (5480MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 MODULATION: OFDM BPSK  
 EBW: 10MHz



Plot 7.4.252 Radiated emission measurements from 0.15 to 30 MHz at the low carrier frequency (5485MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 MODULATION: OFDM BPSK  
 EBW: 20MHz

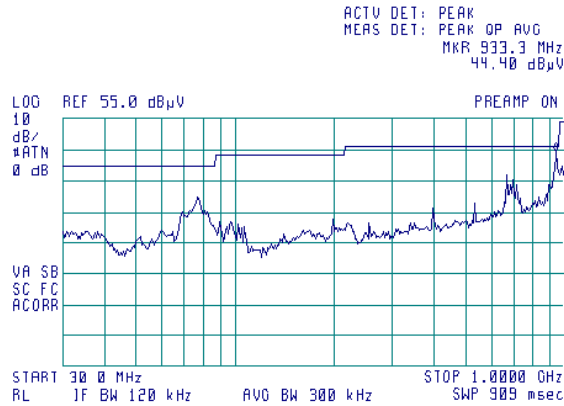




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements below 1 GHz			

Plot 7.4.253 Radiated emission measurements from 30 to 1000 MHz at the low carrier frequency (5475MHz)

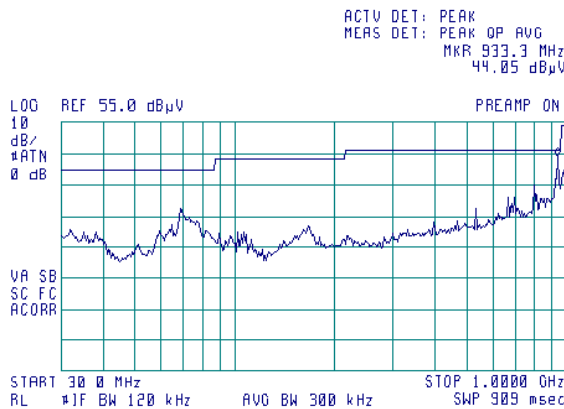
TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
MODULATION: OFDM BPSK  
EBW: 5MHz



Note: all spurious from digital part of EUT.

Plot 7.4.254 Radiated emission measurements from 30 to 1000 MHz at the low carrier frequency (5480MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
MODULATION: OFDM BPSK  
EBW: 10MHz



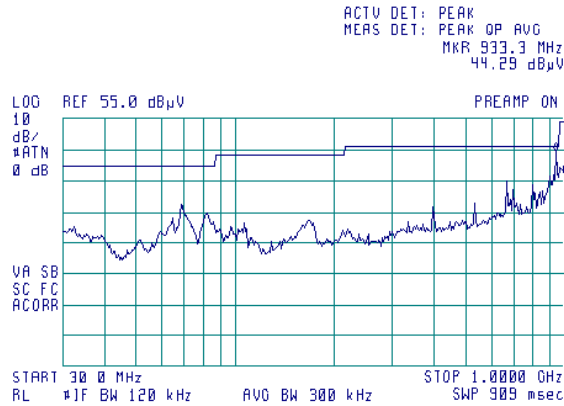
Note: all spurious from digital part of EUT.



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements below 1 GHz			

Plot 7.4.255 Radiated emission measurements from 30 to 1000 MHz at the low carrier frequency (5480MHz)

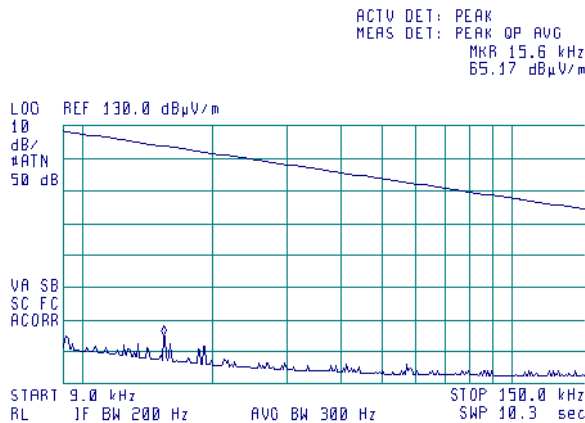
TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
MODULATION: OFDM BPSK  
EBW: 20MHz



Note: all spurious from digital part of EUT.

Plot 7.4.256 Radiated emission measurements from 9 to 150 kHz at the mid carrier frequency (5595MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
MODULATION: OFDM BPSK  
EBW: 5MHz



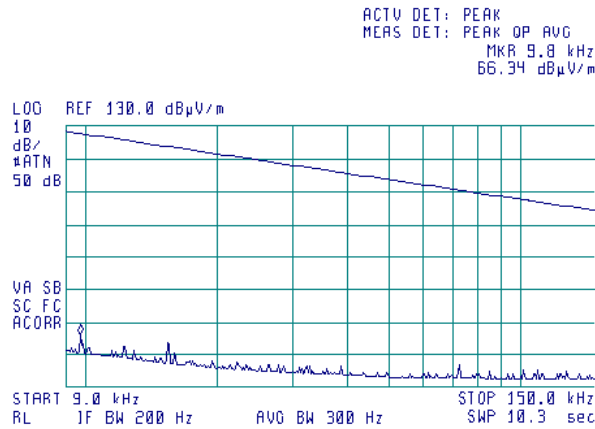




<b>Test specification:</b> Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions			
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance	<b>Verdict:</b> PASS		
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements below 1 GHz			

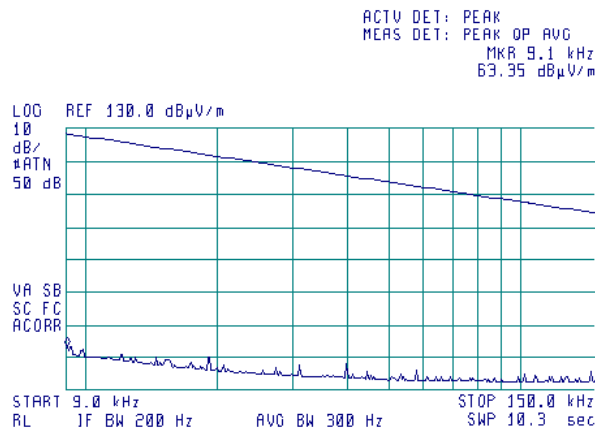
Plot 7.4.257 Radiated emission measurements from 9 to 150 kHz at the mid carrier frequency (5590MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 MODULATION: OFDM BPSK  
 EBW: 10MHz



Plot 7.4.258 Radiated emission measurements from 9 to 150 kHz at the mid carrier frequency (5585MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 MODULATION: OFDM BPSK  
 EBW: 20MHz

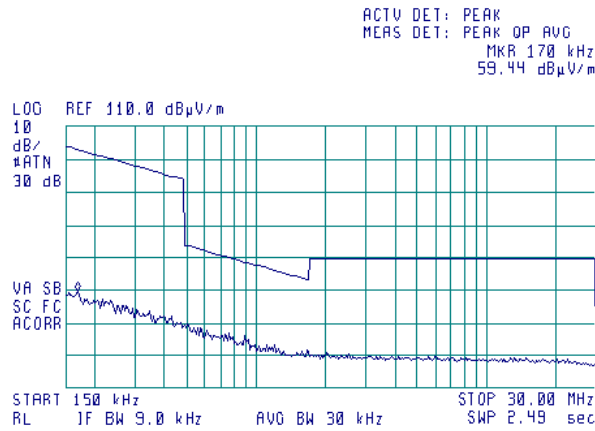




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements below 1 GHz			

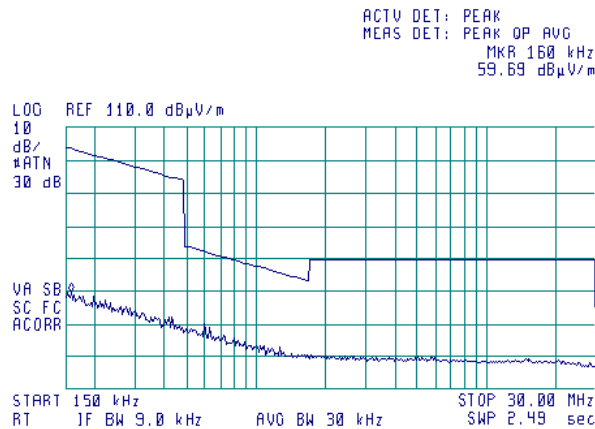
Plot 7.4.259 Radiated emission measurements from 0.15 to 30 MHz at the mid carrier frequency (5595MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
MODULATION: OFDM BPSK  
EBW: 5MHz



Plot 7.4.260 Radiated emission measurements from 0.15 to 30 MHz at the mid carrier frequency (5590MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
MODULATION: OFDM BPSK  
EBW: 10MHz

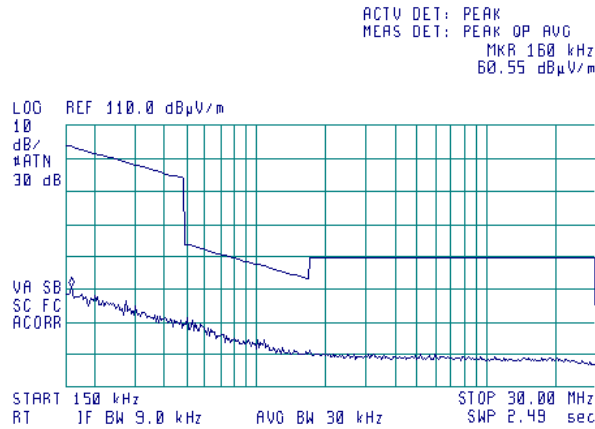




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements below 1 GHz			

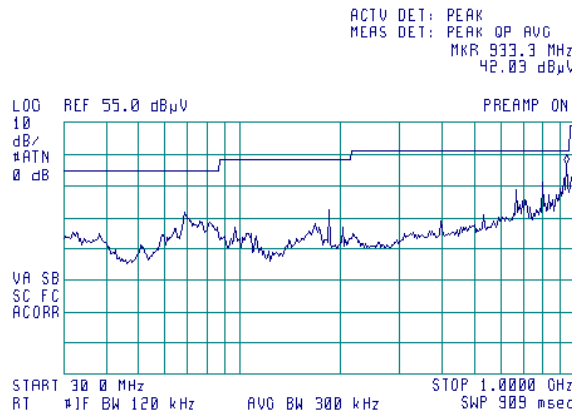
Plot 7.4.261 Radiated emission measurements from 0.15 to 30 MHz at the mid carrier frequency (5585MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 MODULATION: OFDM BPSK  
 EBW: 20MHz



Plot 7.4.262 Radiated emission measurements from 30 to 1000 MHz at the mid carrier frequency (5595MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 MODULATION: OFDM BPSK  
 EBW: 5MHz



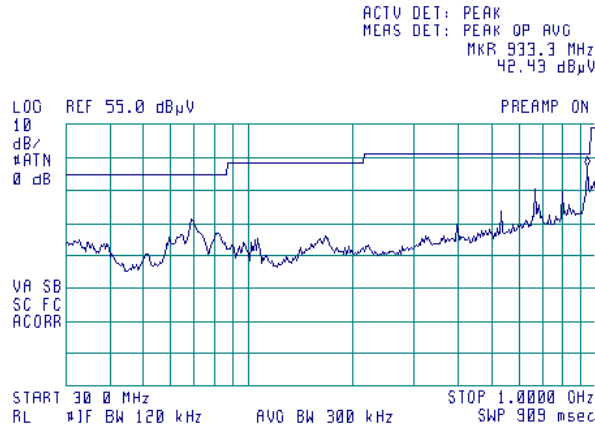
Note: all spurious from digital part of EUT.



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements below 1 GHz			

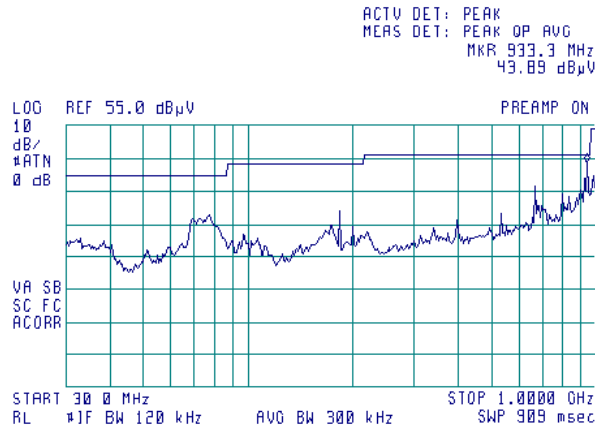
Plot 7.4.263 Radiated emission measurements from 30 to 1000 MHz at the mid carrier frequency (5590MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
MODULATION: OFDM BPSK  
EBW: 10MHz



Plot 7.4.264 Radiated emission measurements from 30 to 1000 MHz at the mid carrier frequency (5585MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
MODULATION: OFDM BPSK  
EBW: 20MHz



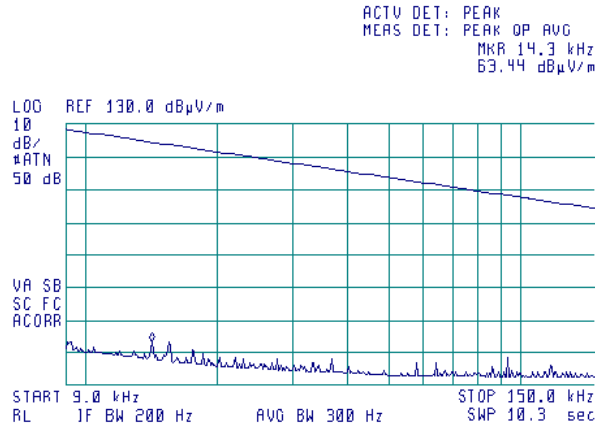
Note: all spurious from digital part of EUT.



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements below 1 GHz			

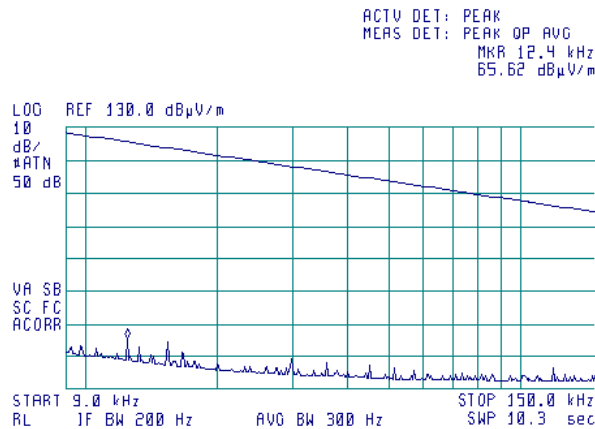
Plot 7.4.265 Radiated emission measurements from 9 to 150 kHz at the mid carrier frequency (5655MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
MODULATION: OFDM BPSK  
EBW: 5MHz



Plot 7.4.266 Radiated emission measurements from 9 to 150 kHz at the mid carrier frequency (5660MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
MODULATION: OFDM BPSK  
EBW: 10MHz

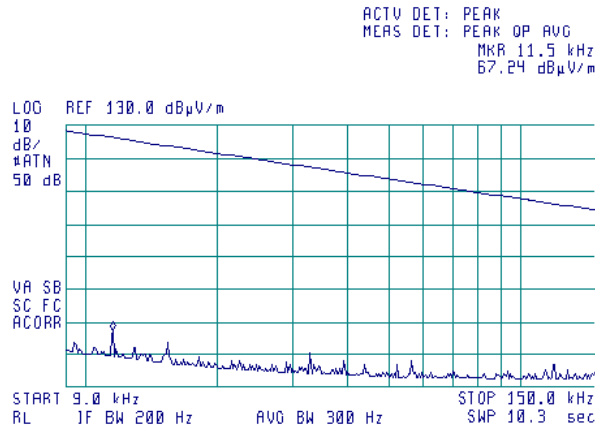




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements below 1 GHz			

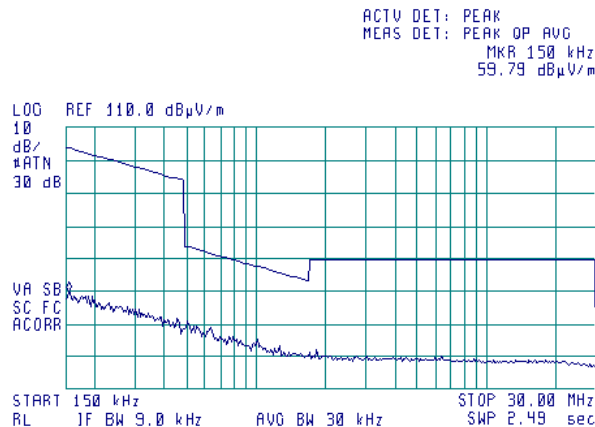
**Plot 7.4.267 Radiated emission measurements from 9 to 150 kHz at the mid carrier frequency (5665MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 MODULATION: OFDM BPSK  
 EBW: 20MHz



**Plot 7.4.268 Radiated emission measurements from 0.15 to 30 MHz at the mid carrier frequency (5665MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 MODULATION: OFDM BPSK  
 EBW: 5MHz

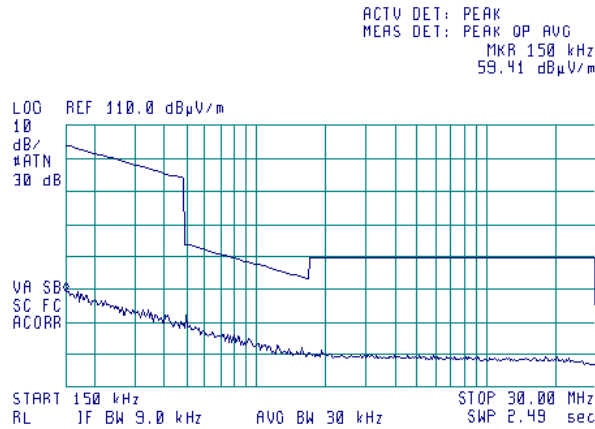




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements below 1 GHz			

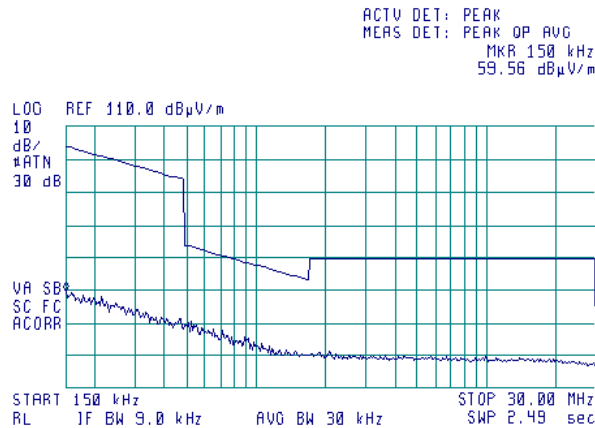
Plot 7.4.269 Radiated emission measurements from 0.15 to 30 MHz at the mid carrier frequency (5660MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
MODULATION: OFDM BPSK  
EBW: 10MHz



Plot 7.4.270 Radiated emission measurements from 0.15 to 30 MHz at the mid carrier frequency (5665MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
MODULATION: OFDM BPSK  
EBW: 20MHz

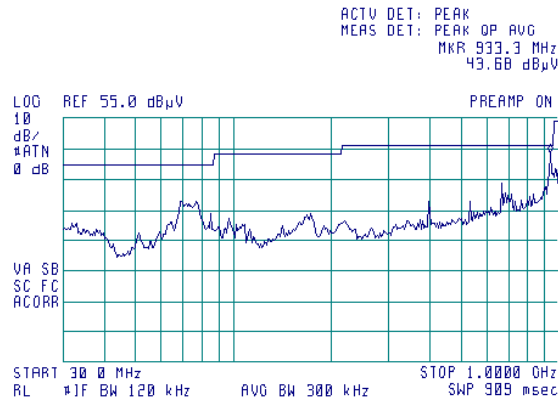




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements below 1 GHz			

**Plot 7.4.271 Radiated emission measurements from 30 to 1000 MHz at the mid carrier frequency (5655MHz)**

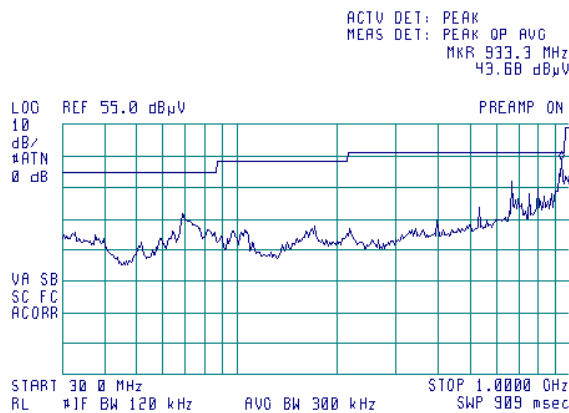
TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
MODULATION: OFDM BPSK  
EBW: 5MHz



Note: all spurious from digital part of EUT.

**Plot 7.4.272 Radiated emission measurements from 30 to 1000 MHz at the mid carrier frequency (5660MHz)**

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
MODULATION: OFDM BPSK  
EBW: 10MHz



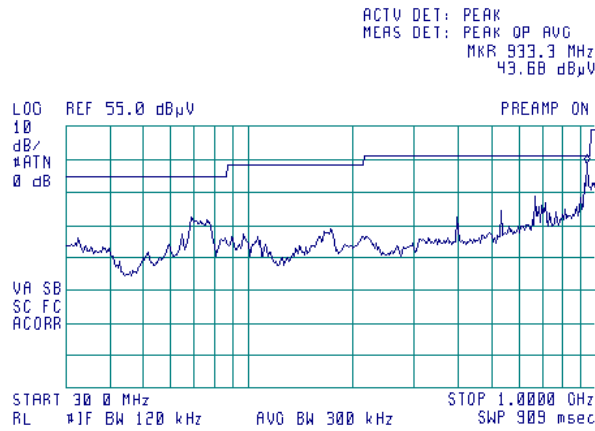




<b>Test specification:</b> Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions			
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance	<b>Verdict:</b> PASS		
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements below 1 GHz			

Plot 7.4.273 Radiated emission measurements from 30 to 1000 MHz at the mid carrier frequency (5665MHz)

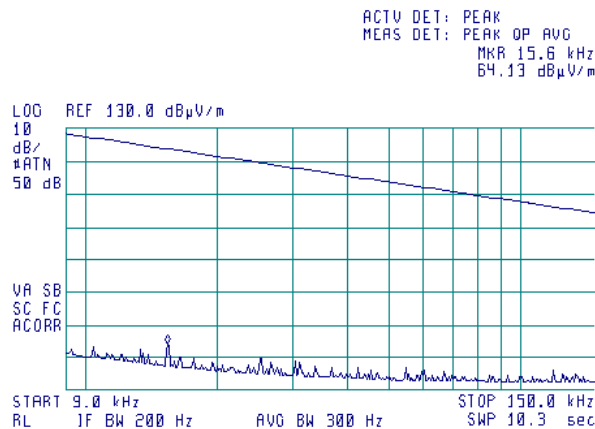
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 MODULATION: OFDM BPSK  
 EBW: 20MHz



Note: all spurious from digital part of EUT.

Plot 7.4.274 Radiated emission measurements from 9 to 150 kHz at the high carrier frequency (5720MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 MODULATION: OFDM BPSK  
 EBW: 5MHz

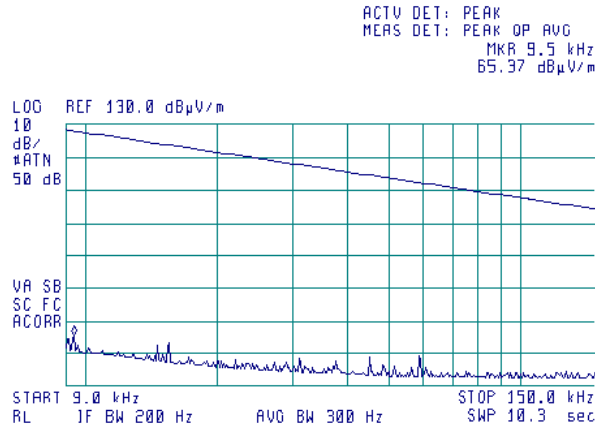




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements below 1 GHz			

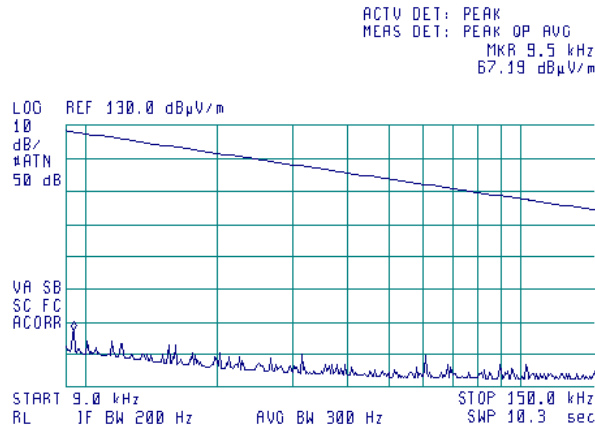
Plot 7.4.275 Radiated emission measurements from 9 to 150 kHz at the high carrier frequency (5715MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 MODULATION: OFDM BPSK  
 EBW: 10MHz



Plot 7.4.276 Radiated emission measurements from 9 to 150 kHz at the high carrier frequency (5710MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 MODULATION: OFDM BPSK  
 EBW: 20MHz

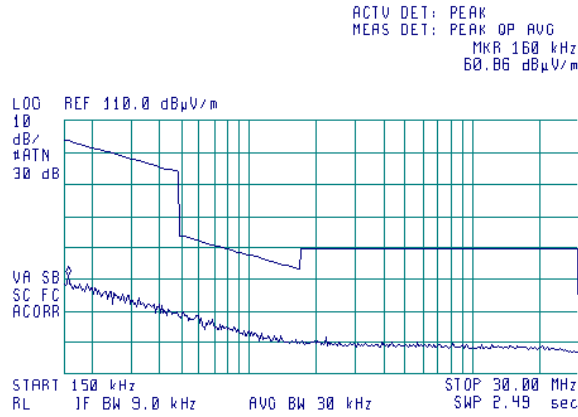




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements below 1 GHz			

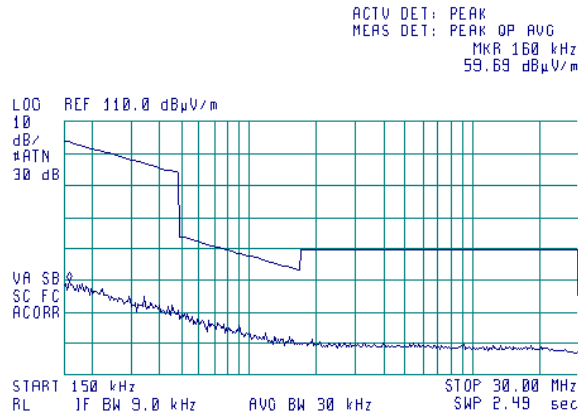
Plot 7.4.277 Radiated emission measurements from 0.15 to 30 MHz at the high carrier frequency (5720MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
MODULATION: OFDM BPSK  
EBW: 5MHz



Plot 7.4.278 Radiated emission measurements from 0.15 to 30 MHz at the high carrier frequency (5715MHz)

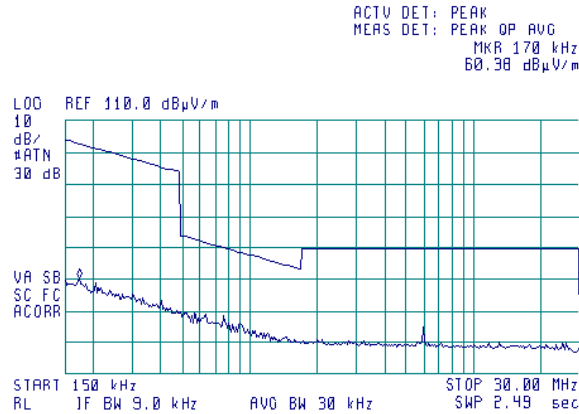
TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
MODULATION: OFDM BPSK  
EBW: 10MHz



<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements below 1 GHz			

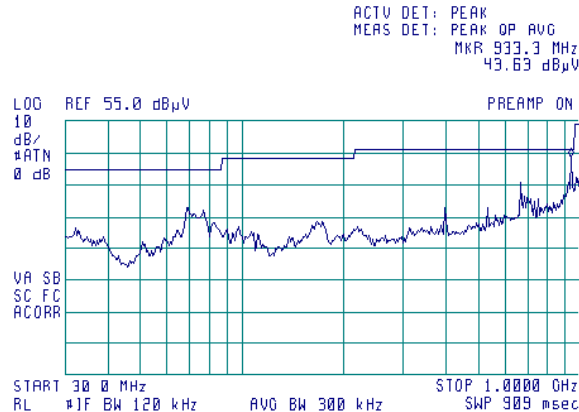
Plot 7.4.279 Radiated emission measurements from 0.15 to 30 MHz at the high carrier frequency (5710MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
MODULATION: OFDM BPSK  
EBW: 20MHz



Plot 7.4.280 Radiated emission measurements from 30 to 1000 MHz at the high carrier frequency (5720MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
MODULATION: OFDM BPSK  
EBW: 5MHz



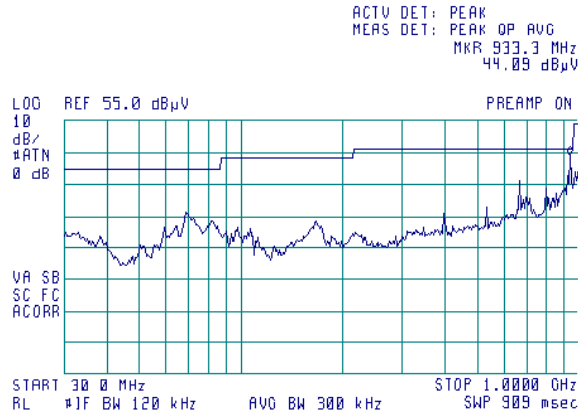
Note: all spurious from digital part of EUT.



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements below 1 GHz			

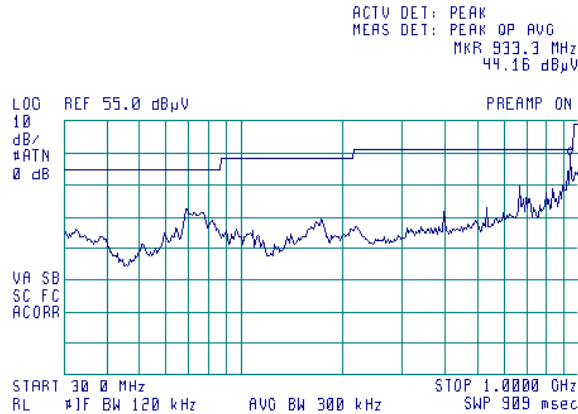
Plot 7.4.281 Radiated emission measurements from 30 to 1000 MHz at the high carrier frequency (5715MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 MODULATION: OFDM BPSK  
 EBW: 10MHz



Plot 7.4.282 Radiated emission measurements from 30 to 1000 MHz at the high carrier frequency (5710MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 MODULATION: OFDM BPSK  
 EBW: 20MHz



Note: all spurious from digital part of EUT.



<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

Table 7.4.8 Field strength of spurious emissions within restricted bands

ASSIGNED FREQUENCY: 5470 - 5725 MHz  
 INVESTIGATED FREQUENCY RANGE: 0.009 – 1000 MHz  
 TEST DISTANCE: 3 m  
 MODULATION: OFDM BPSK  
 MODULATING SIGNAL: PRBS  
 BIT RATE: 1.5Mbps at 5 MHz EBW  
 3 Mbps at 10 MHz EBW  
 6 Mbps at 20 MHz EBW  
 DUTY CYCLE: 99 %  
 TRANSMITTER OUTPUT POWER SETTINGS: "3 dBm" at 5 MHz channel bandwidth  
 "6 dBm" at 10 MHz channel bandwidth  
 "9 dBm" at 20 MHz channel bandwidth  
 RESOLUTION BANDWIDTH: 1000 kHz  
 VIDEO BANDWIDTH: > Resolution bandwidth  
 TEST ANTENNA TYPE: Double ridged guide

Frequency, MHz		Peak, dB(μV/m)			Average*** dB(μV/m)			Ant. polariz.	Ant. height, m	Turn-table position**, degrees	Verdict
Channel	Spurious	Measured emission, dB(μV/m)	Limit, dB(μV/m)	Margin, dB*	Measured emission, dB(μV/m)	Limit, dB(μV/m)	Margin, dB*				
<b>5 MHz channel bandwidth</b>											
5475	1200.0	43.00	74.0	-31.0	39.20	54.00	-14.80	Vertical	1.1	60	Pass
5475	5120.0	49.70	74.0	-24.3	38.63	54.00	-15.27	Vertical	1.2	0	
5475	5453.7	52.50	74.0	-21.5	40.77	54.00	-13.23	Vertical	1.2	0	
5595	1200.0	42.20	74.0	-31.8	38.39	54.00	-15.61	Vertical	1.1	0	
5595	5120.0	50.30	74.0	-23.7	38.35	54.00	-15.65	Vertical	1.1	60	
5655	1200.0	42.80	74.0	-31.2	39.01	54.00	-14.99	Vertical	1.1	60	
5655	5120.0	49.60	74.0	-24.4	37.85	54.00	-16.15	Vertical	1.1	60	
5720	1200.0	44.00	74.0	-30.0	40.00	54.00	-14.00	Vertical	1.1	60	
5720	5120.0	49.30	74.0	-24.7	38.13	54.00	-15.87	Vertical	1.1	60	
<b>10 MHz channel bandwidth</b>											
5480	1200.0	43.00	74.0	-31.0	39.72	54.00	-14.28	Vertical	1.0	60	Pass
5480	5120.0	50.10	74.0	-23.9	39.86	54.00	-14.14	Vertical	1.2	0	
5480	5456.7	53.80	74.0	-20.2	41.62	54.00	-12.38	Vertical	1.2	0	
5590	1200.0	42.50	74.0	-31.5	38.92	54.00	-15.08	Vertical	1.0	60	
5590	5120.0	49.90	74.0	-24.1	40.02	54.00	-13.98	Vertical	1.0	60	
5660	1200.0	45.00	74.0	-29.0	41.76	54.00	-12.24	Vertical	1.0	60	
5660	5120.0	50.20	74.0	-23.8	39.34	54.00	-14.66	Vertical	1.0	60	
5715	5120.0	53.00	74.0	-21.0	44.90	54.00	-9.10	Vertical	1.0	60	
5715	1200.0	45.30	74.0	-28.7	41.83	54.00	-12.17	Vertical	1.0	60	
<b>20 MHz channel bandwidth</b>											
5485	1013.7	40.20	74.0	-33.8	35.94	54.00	-18.06	Vertical	1.6	60	Pass
5485	1200.0	41.20	74.0	-32.8	37.41	54.00	-17.59	Vertical	1.0	60	
5485	1333.3	39.50	74.0	-34.5	33.00	54.00	-21.00	Vertical	1.2	60	
5485	5120.0	49.60	74.0	-24.4	40.78	54.00	-13.22	Vertical	1.2	0	
5485	5452.3	53.50	74.0	-20.5	40.05	54.00	-13.95	Vertical	1.2	0	
5585	1200.0	39.80	74.0	-34.2	35.45	54.00	-18.55	Vertical	1.0	60	
5585	5120.0	54.10	74.0	-19.9	47.09	54.00	-6.91	Vertical	1.0	0	
5665	1200.0	40.30	74.0	-33.7	36.16	54.00	-17.84	Vertical	1.0	60	
5665	5120.0	52.50	74.0	-21.5	45.40	54.00	-8.60	Vertical	1.0	60	
5710	5120.0	52.90	74.0	-21.1	44.34	54.00	-9.66	Vertical	1.0	60	
5710	1200.0	40.20	74.0	-33.8	35.90	54.00	-18.10	Vertical	1.0	60	

\* - Margin = Measured emission – specification limit.

\*\*- EUT front panel refers to 0 degrees position of turntable.

\*\*\* - Video bandwidth according to the Table 7.4.6.

<b>Test specification:</b> Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions			
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

Table 7.4.9 Restricted bands

MHz	MHz	MHz	MHz	MHz	GHz
0.09 - 0.11	8.37625 - 8.38675	73 - 74.6	399.9 - 410	2690 - 2900	10.6 - 12.7
0.495 - 0.505	8.41425 - 8.41475	74.8 - 75.2	608 - 614	3260 - 3267	13.25 - 13.4
2.1735 - 2.1905	12.29 - 12.293	108 - 121.94	960 - 1240	3332 - 3339	14.47 - 14.5
4.125 - 4.128	12.51975 - 12.52025	123 - 138	1300 - 1427	3345.8 - 3358	15.35 - 16.2
4.17725 - 4.17775	12.57675 - 12.57725	149.9 - 150.05	1435 - 1626.5	3600 - 4400	17.7 - 21.4
4.20725 - 4.20775	13.36 - 13.41	156.52475 - 156.52525	1645.5 - 1646.5	4500 - 5150	22.01 - 23.12
6.215 - 6.218	16.42 - 16.423	156.7 - 156.9	1660 - 1710	5350 - 5460	23.6 - 24
6.26775 - 6.26825	16.69475 - 16.69525	162.0125 - 167.17	1718.8 - 1722.2	7250 - 7750	31.2 - 31.8
6.31175 - 6.31225	16.80425 - 16.80475	167.72 - 173.2	2200 - 2300	8025 - 8500	36.43 - 36.5
8.291 - 8.294	25.5 - 25.67	240 - 285	2310 - 2390	9000 - 9200	Above 38.6
8.362 - 8.366	37.5 - 38.25	322 - 335.4	2483.5 - 2500	9300 - 9500	

Table 7.4.10 Video bandwidth calculation for average measuring within restricted bands

Emission bandwidth, MHz	Bit Rate, Mbps	TxON time, msec	VBW, kHz
20	6	3.15	1.0
10	3	6.34	0.3
5	1.5	12.49	0.1

Note: see the reference plots

Reference numbers of test equipment used

HL 0446	HL 0521	HL 0589	HL 0604	HL 1425	HL 1556	HL 1947	HL 1984
HL 2009	HL 2909						

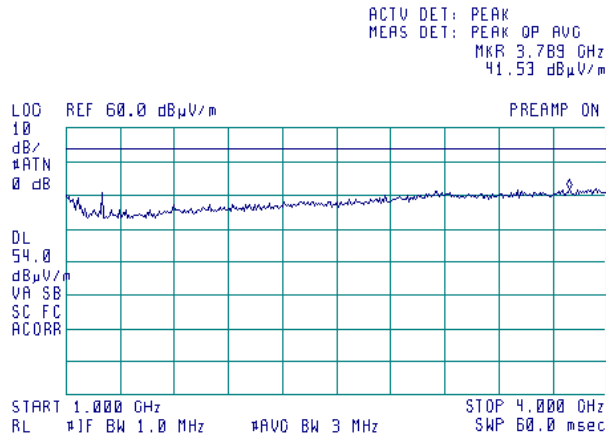
Full description is given in Appendix A.



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

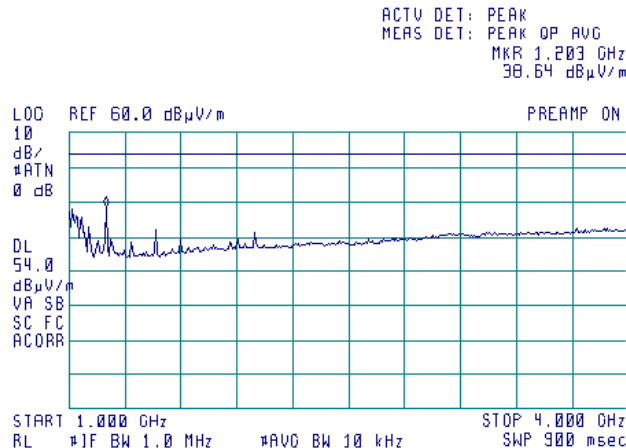
Plot 7.4.283 Radiated emission measurements from 1.0 to 4.0 GHz at the low carrier frequency (5475MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Peak  
EBW: 5MHz



Plot 7.4.284 Radiated emission measurements from 1.0 to 4.0 GHz at the low carrier frequency (5475MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Average  
EBW: 5MHz



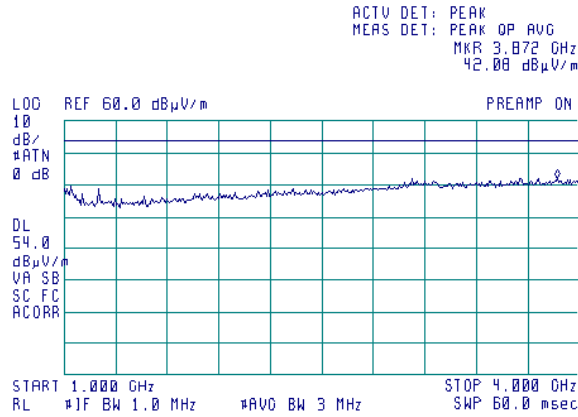




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

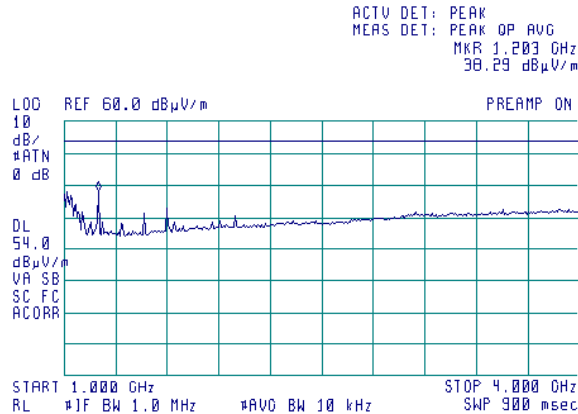
Plot 7.4.285 Radiated emission measurements from 1.0 to 4.0 GHz at the low carrier frequency (5480MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 10MHz



Plot 7.4.286 Radiated emission measurements from 1.0 to 4.0 GHz at the low carrier frequency (5480MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 10MHz

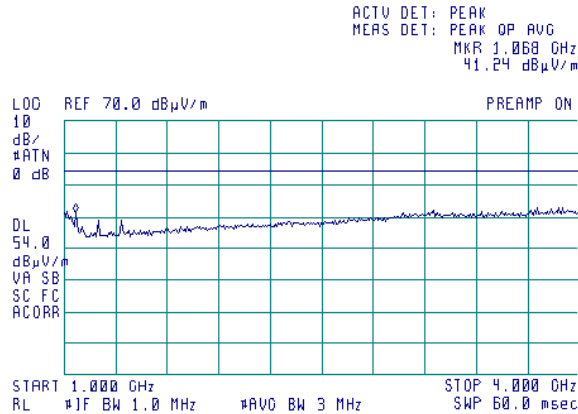




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

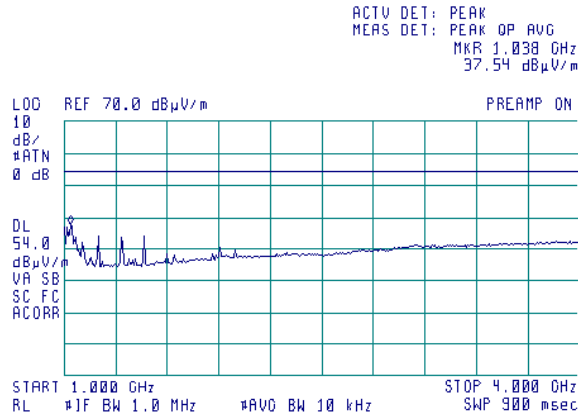
Plot 7.4.287 Radiated emission measurements from 1.0 to 4.0 GHz at the low carrier frequency (5485MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Peak  
EBW: 20MHz



Plot 7.4.288 Radiated emission measurements from 1.0 to 4.0 GHz at the low carrier frequency (5485MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Average  
EBW: 20MHz

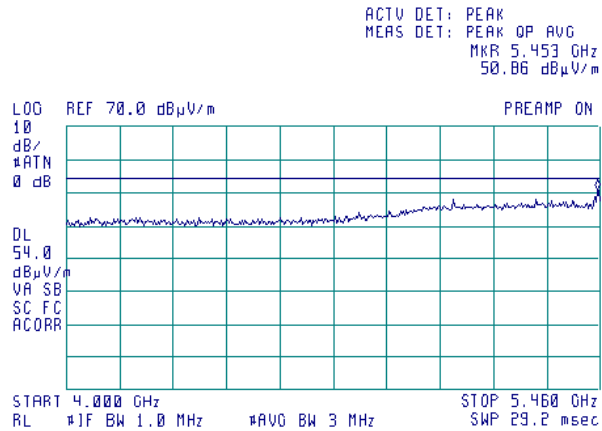




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

Plot 7.4.289 Radiated emission measurements from 4.0 to 5.46 GHz at the low carrier frequency (5475MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Peak  
EBW: 5MHz  
MODULATION: BPSK 1.5 Mbps

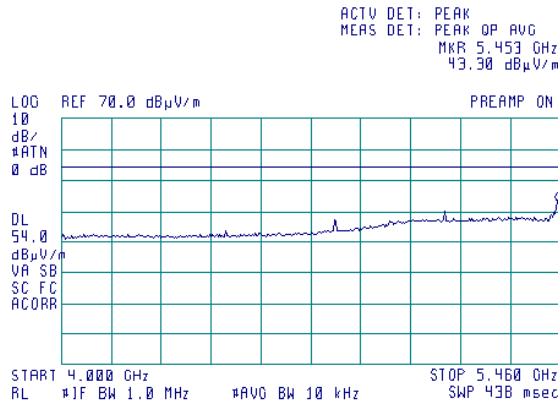




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

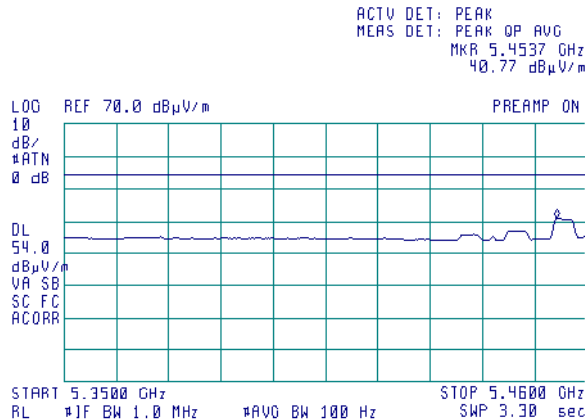
Plot 7.4.290 Radiated emission measurements from 4.0 to 5.46 GHz at the low carrier frequency (5475MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Average  
EBW: 5MHz  
MODULATION: BPSK 1.5 Mbps



Plot 7.4.291 Radiated emission measurements from 5.35 to 5.46 GHz at the low carrier frequency (5475MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Average  
EBW: 5MHz  
MODULATION: BPSK 1.5 Mbps

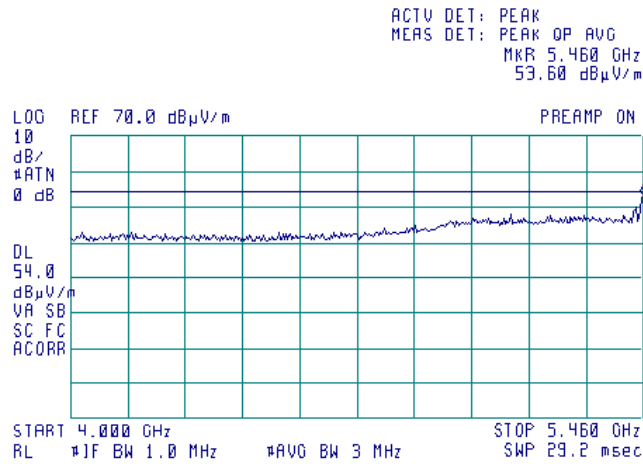




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

Plot 7.4.292 Radiated emission measurements from 4.0 to 5.46 GHz at the low carrier frequency (5480MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Peak  
EBW 10MHz  
MODULATION: BPSK 3 Mbps

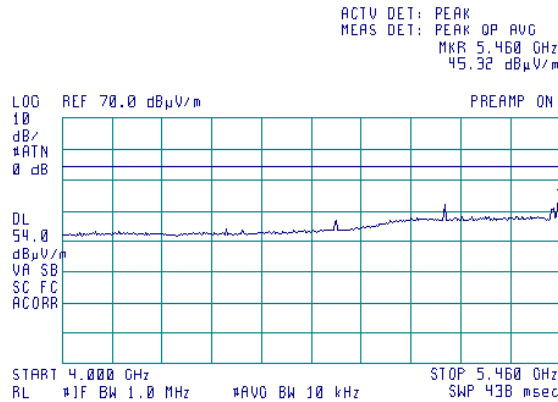




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

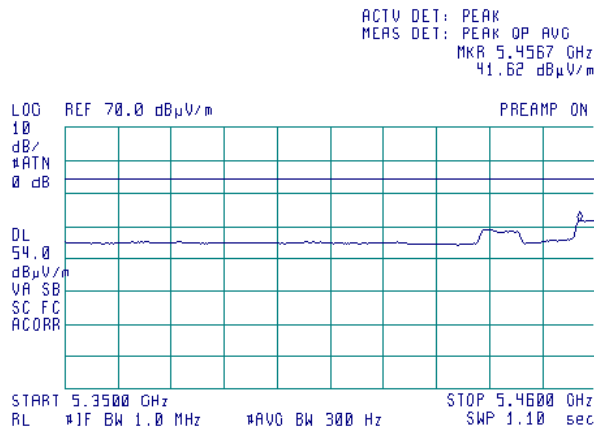
Plot 7.4.293 Radiated emission measurements from 4.0 to 5.46 GHz at the low carrier frequency (5480MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 10MHz  
 MODULATION: BPSK 3 Mbps



Plot 7.4.294 Radiated emission measurements from 5.35 to 5.46 GHz at the low carrier frequency (5480MHz)

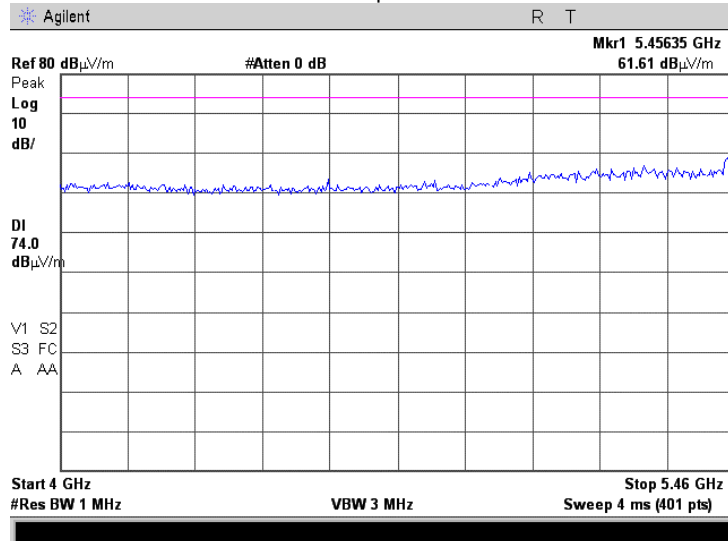
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 10MHz  
 MODULATION: BPSK 3 Mbps



<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

**Plot 7.4.295 Radiated emission measurements from 4.0 to 5.46 GHz at the low carrier frequency (5485MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20 MHz  
 MODULATION: BPSK 6 Mbps

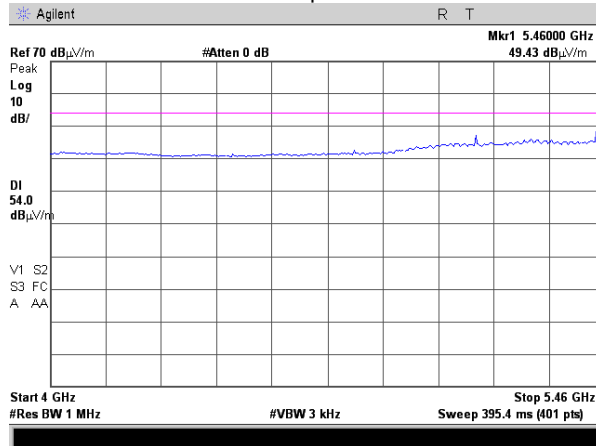




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

Plot 7.4.296 Radiated emission measurements from 4.0 to 5.46 GHz at the low carrier frequency (5485MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 20 MHz  
 MODULATION: BPSK 6 Mbps

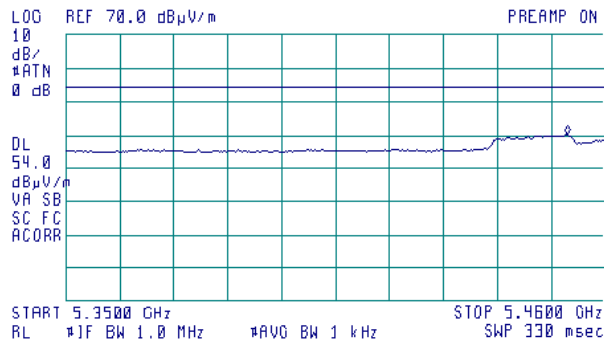


Plot 7.4.297 Radiated emission measurements from 5.35 to 5.46 GHz at the low carrier frequency (5485MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 20 MHz  
 MODULATION: BPSK 6 Mbps



ACTV DET: PEAK  
 MEAS DET: PEAK OF AVG  
 MKR 5.4523 GHz  
 40.05 dBµV/m

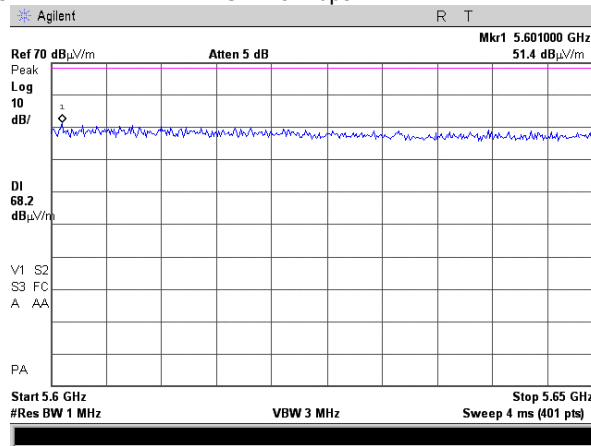




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

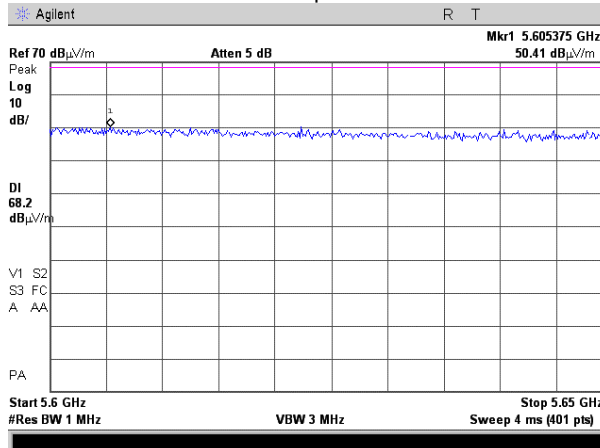
**Plot 7.4.298 Radiated emission measurements from 5.6 to 5.65GHz at the low carrier frequency (5475MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW 5 MHz  
 MODULATION BPSK 1.5 Mbps



**Plot 7.4.299 Radiated emission measurements from 5.6 to 5.65GHz at the low carrier frequency (5480MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW 10 MHz  
 MODULATION BPSK 3 Mbps

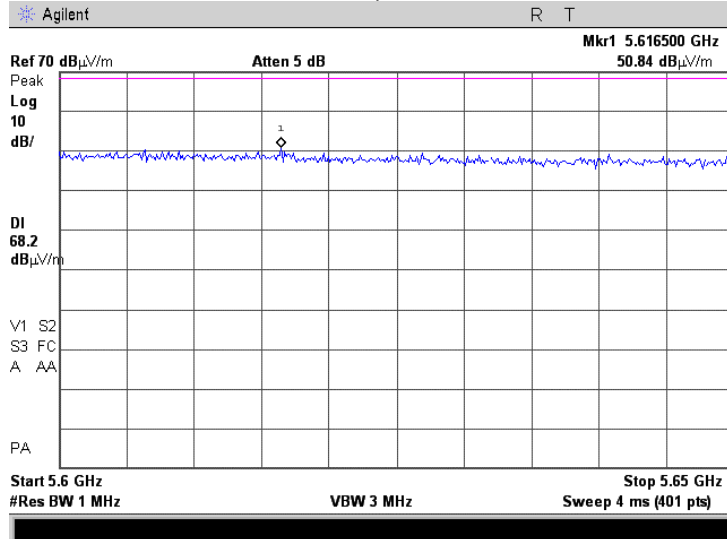




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

**Plot 7.4.300 Radiated emission measurements from 5.6 to 5.65GHz at the low carrier frequency (5485MHz)**

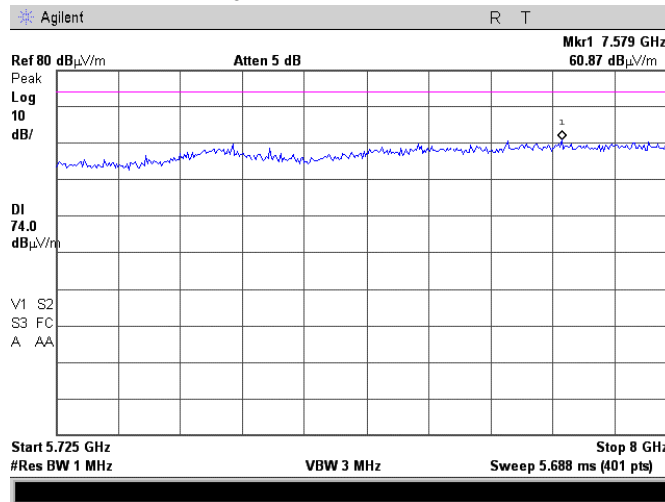
TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Peak  
EBW: 20 MHz  
MODULATION: BPSK 6 Mbps



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

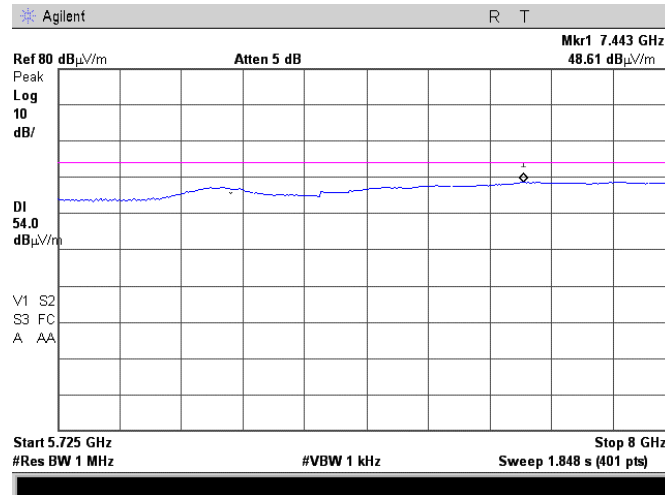
Plot 7.4.301 Radiated emission measurements from 5.725 to 8.0 GHz at the low carrier frequency (5475MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5MHz



Plot 7.4.302 Radiated emission measurements from 5.725 to 8.0 GHz at the low carrier frequency (5475MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 5MHz

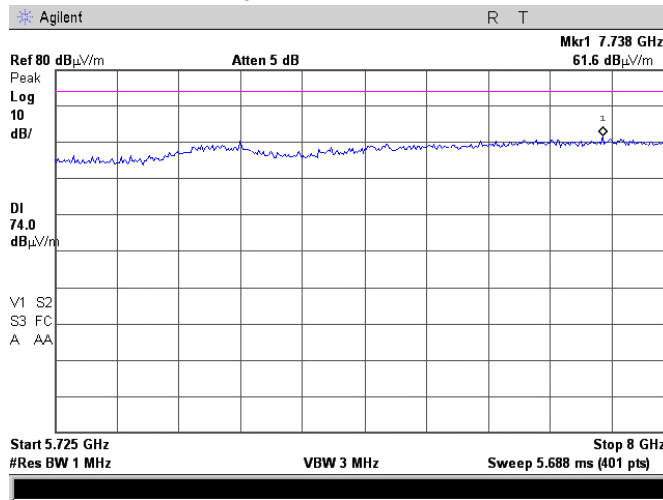




<b>Test specification:</b> Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions			
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance	<b>Verdict:</b> PASS		
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

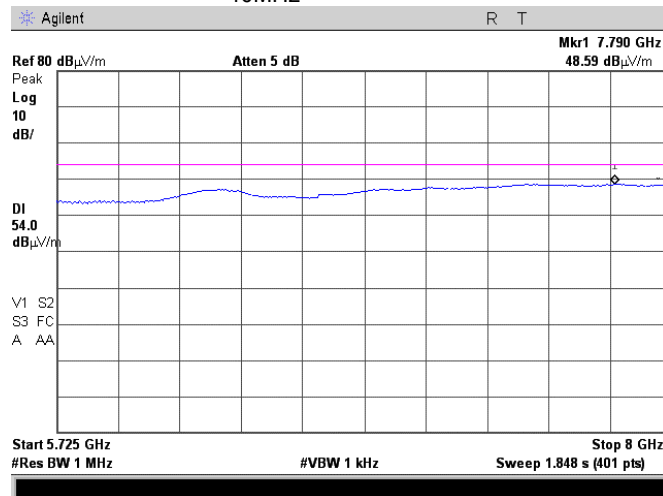
Plot 7.4.303 Radiated emission measurements from 5.725 to 8.0 GHz at the low carrier frequency (5480MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Peak  
EBW: 10MHz



Plot 7.4.304 Radiated emission measurements from 5.725 to 8.0 GHz at the low carrier frequency (5480MHz)

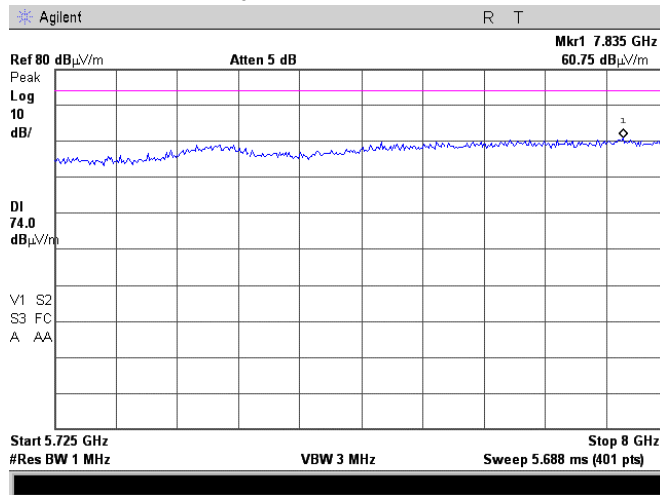
TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Average  
EBW: 10MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

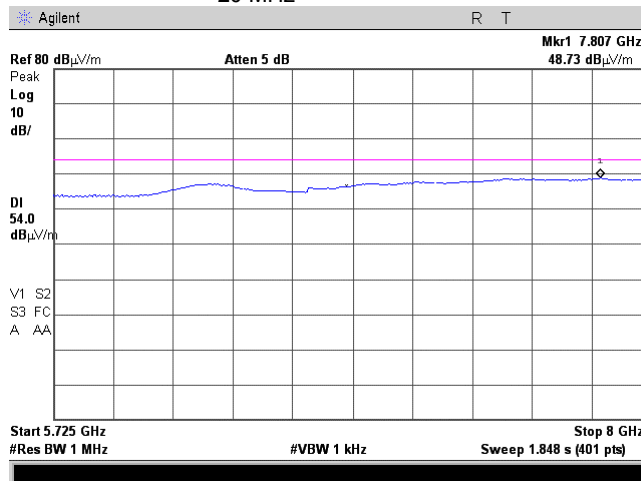
Plot 7.4.305 Radiated emission measurements from 5.725 to 8.0 GHz at the low carrier frequency (5485MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20 MHz



Plot 7.4.306 Radiated emission measurements from 5.725 to 8.0 GHz at the low carrier frequency (5485MHz)

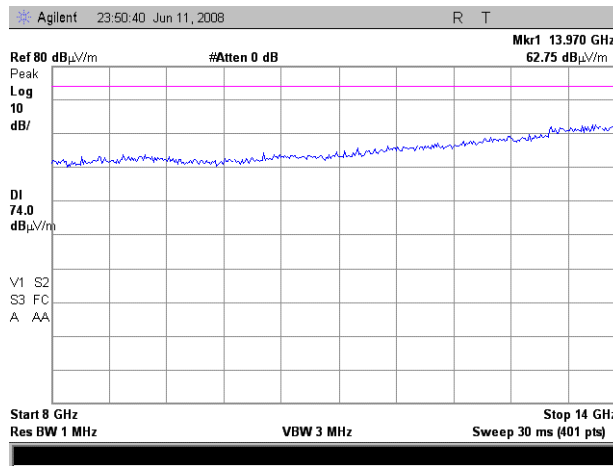
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 20 MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

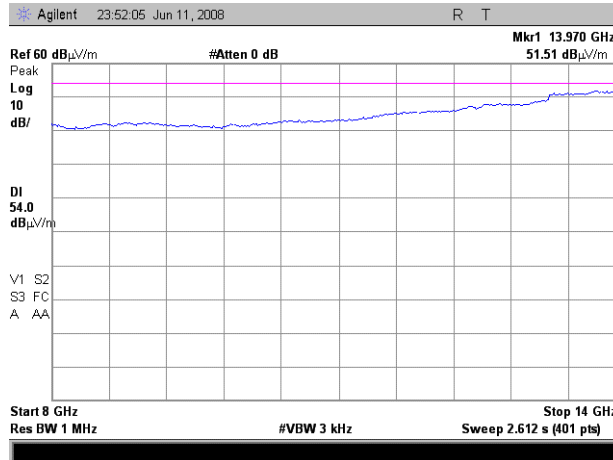
**Plot 7.4.307 Radiated emission measurements from 8 to 14 GHz at the low carrier frequency (5475MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5MHz



**Plot 7.4.308 Radiated emission measurements from 8 to 14 GHz at the low carrier frequency (5475MHz)**

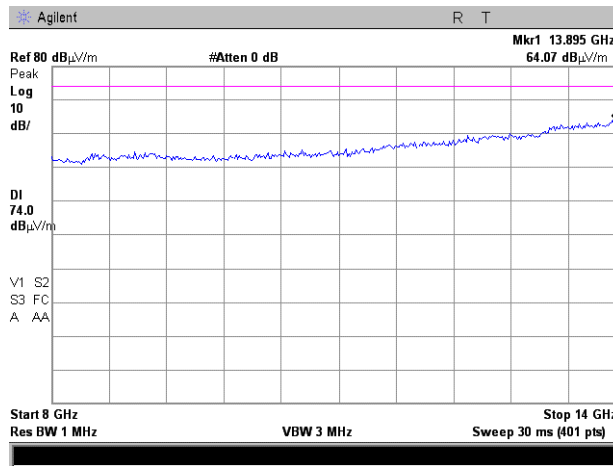
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 5MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

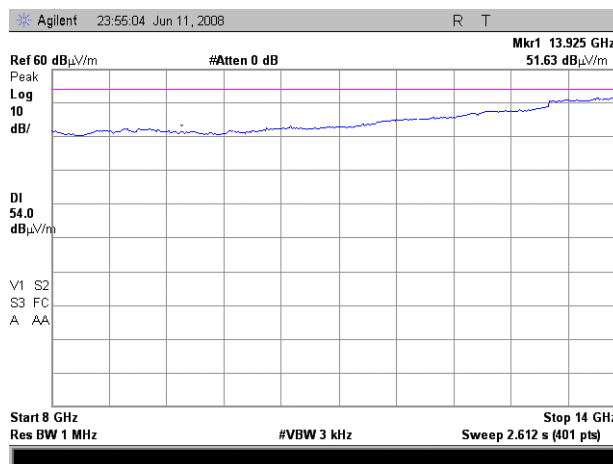
**Plot 7.4.309 Radiated emission measurements from 8 to 14 GHz at the low carrier frequency (5480MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 10MHz



**Plot 7.4.310 Radiated emission measurements from 8 to 14 GHz at the low carrier frequency (5480MHz)**

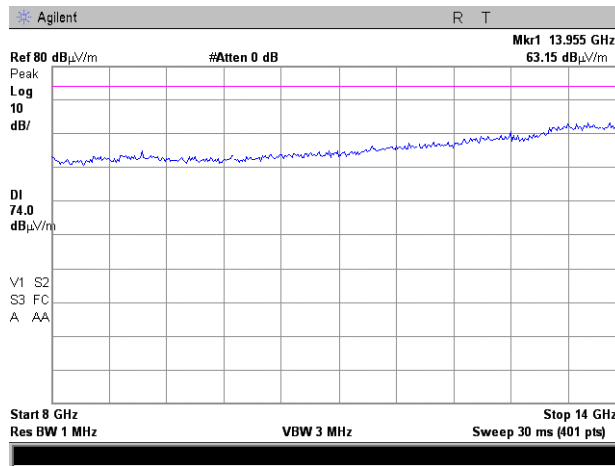
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 10MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

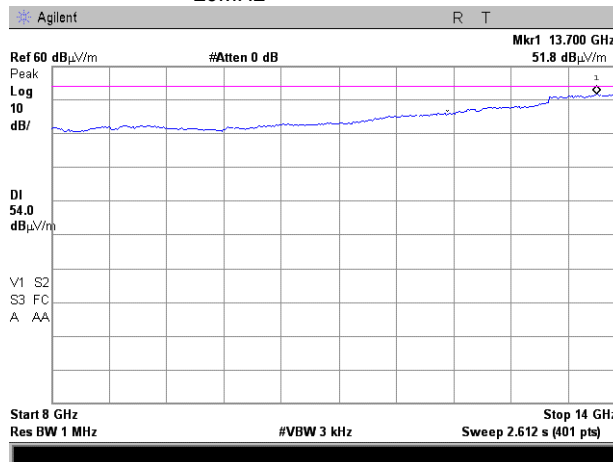
**Plot 7.4.311 Radiated emission measurements from 8 to 14 GHz at the low carrier frequency (5485MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20MHz



**Plot 7.4.312 Radiated emission measurements from 8 to 14 GHz at the low carrier frequency (5485MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 20MHz



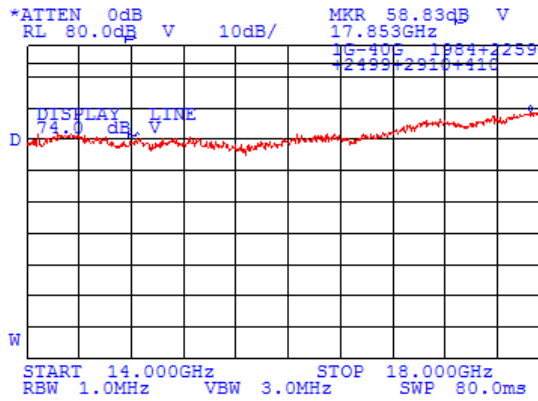




<b>Test specification:</b> Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions			
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance	<b>Verdict:</b> PASS		
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

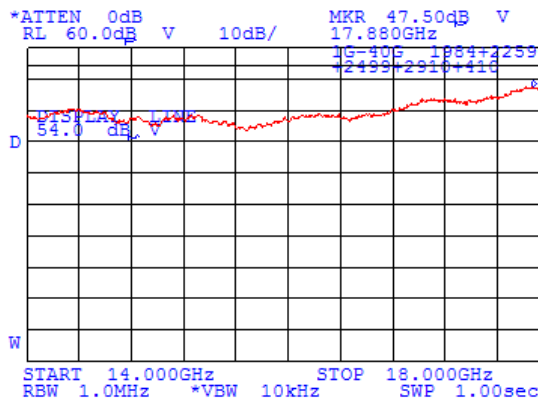
Plot 7.4.313 Radiated emission measurements from 14 to 18 GHz at the low carrier frequency (5475MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5MHz



Plot 7.4.314 Radiated emission measurements from 14 to 18 GHz at the low carrier frequency (5475MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 5MHz

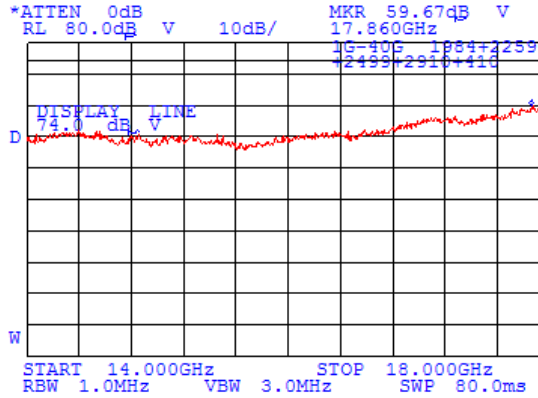




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

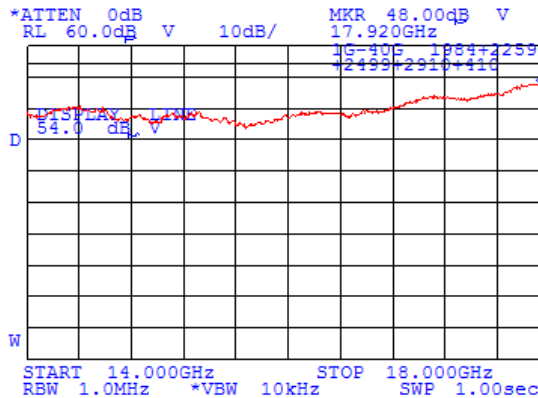
Plot 7.4.315 Radiated emission measurements from 14 to 18 GHz at the low carrier frequency (5480MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 10MHz



Plot 7.4.316 Radiated emission measurements from 14 to 18 GHz at the low carrier frequency (5480MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 10MHz

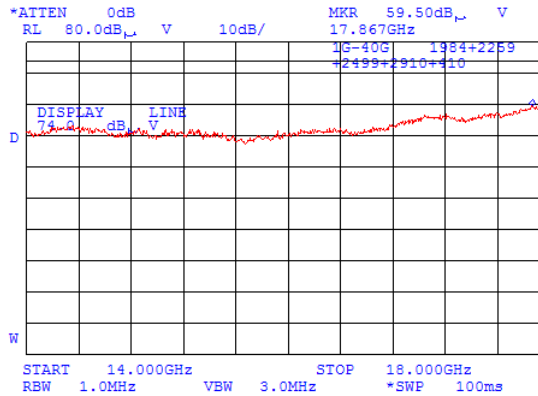




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

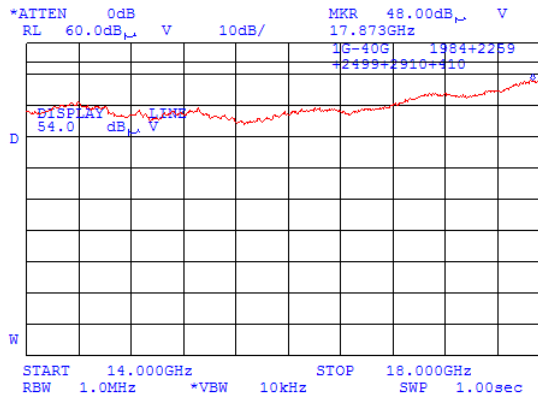
Plot 7.4.317 Radiated emission measurements from 14 to 18 GHz at the low carrier frequency (5485MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20MHz



Plot 7.4.318 Radiated emission measurements from 14 to 18 GHz at the low carrier frequency (5485MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 20MHz

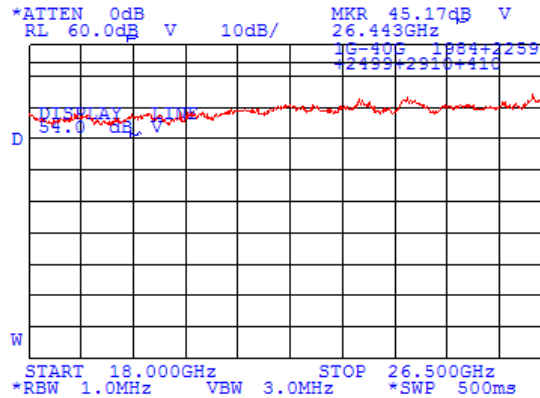




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

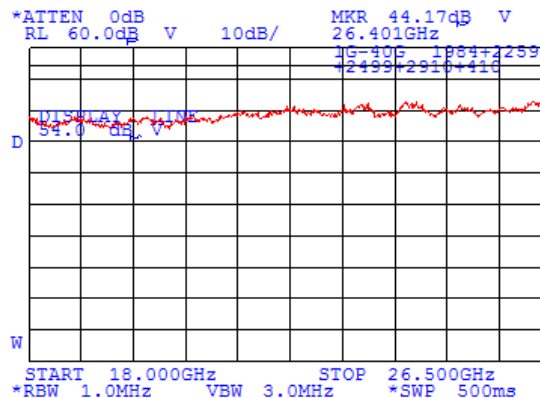
Plot 7.4.319 Radiated emission measurements from 18 to 26.5 GHz at the low carrier frequency (5475MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak under average limit  
 EBW: 5MHz



Plot 7.4.320 Radiated emission measurements from 18 to 26.5 GHz at the low carrier frequency (5480MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak under average limit  
 EBW: 10MHz

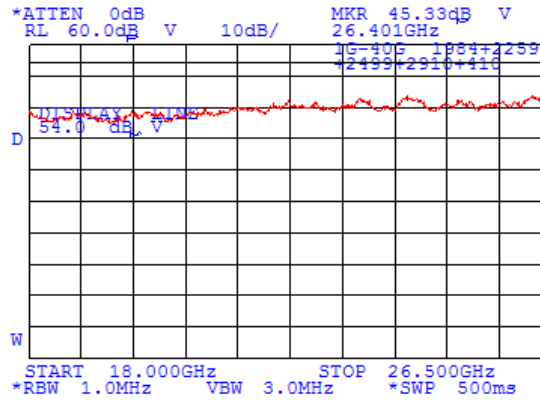




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

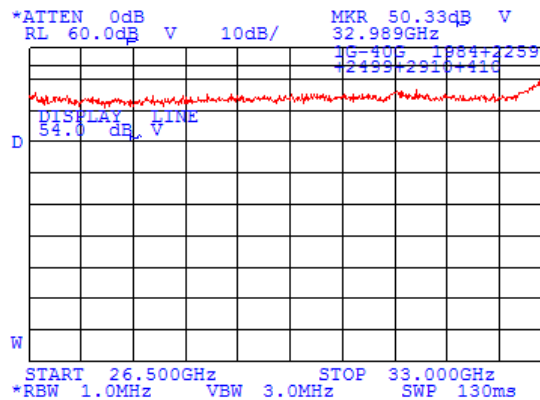
Plot 7.4.321 Radiated emission measurements from 18 to 26.5 GHz at the low carrier frequency (5485MHz)

TEST SITE: OATS  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Peak under average limit  
EBW: 20MHz



Plot 7.4.322 Radiated emission measurements from 26.5 to 33 GHz at the low carrier frequency (5475MHz)

TEST SITE: OATS  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Peak under average limit  
EBW: 5MHz

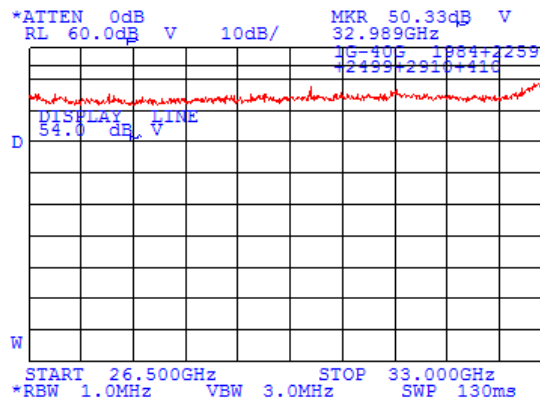




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

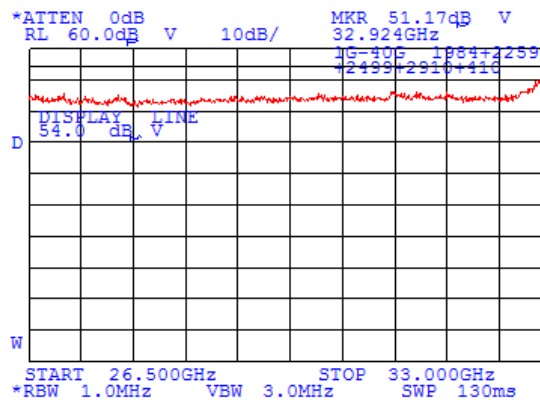
Plot 7.4.323 Radiated emission measurements from 26.5 to 33 GHz at the low carrier frequency (5480MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak under average limit  
 EBW: 10MHz



Plot 7.4.324 Radiated emission measurements from 26.5 to 33 GHz at the low carrier frequency (5485MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak under average limit  
 EBW: 20MHz

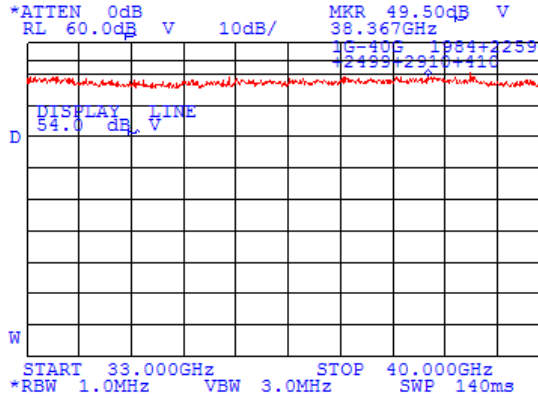




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

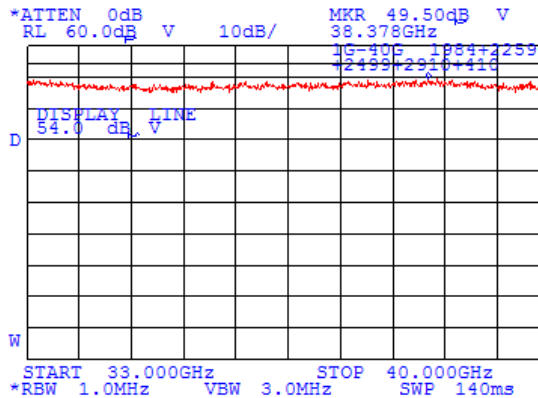
Plot 7.4.325 Radiated emission measurements from 33 to 40 GHz at the low carrier frequency (5475MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak under average limit  
 EBW: 5MHz



Plot 7.4.326 Radiated emission measurements from 33 to 40 GHz at the low carrier frequency (5480MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak under average limit  
 EBW: 10MHz

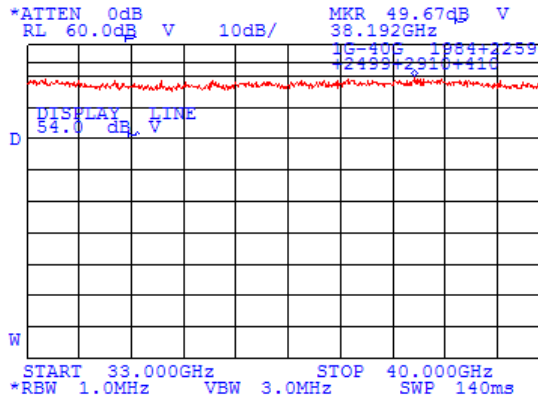




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

Plot 7.4.327 Radiated emission measurements from 33 to 40 GHz at the low carrier frequency (5485MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak under average limit  
 EBW: 20MHz



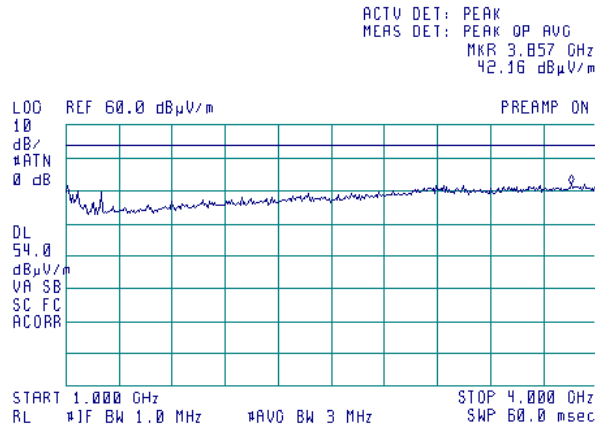




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

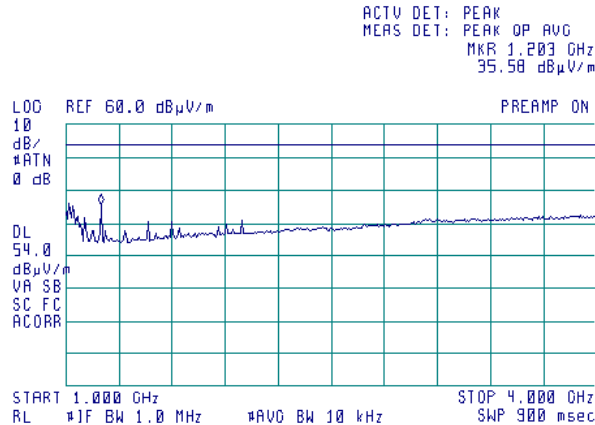
Plot 7.4.328 Radiated emission measurements from 1.0 to 4.0 GHz at the mid carrier frequency (5595MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 EBW: 5MHz



Plot 7.4.329 Radiated emission measurements from 1.0 to 4.0 GHz at the mid carrier frequency (5595MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 5MHz

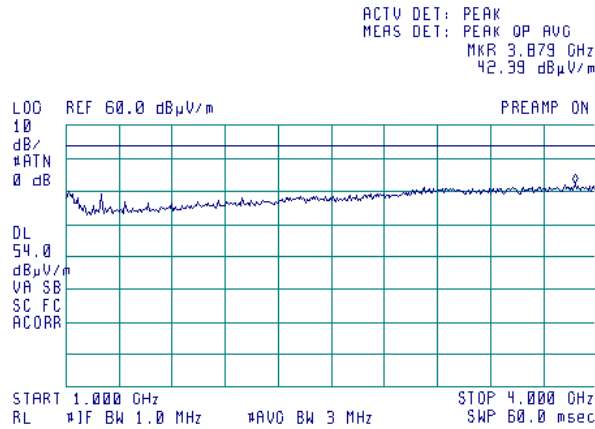




<b>Test specification:</b> Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions			
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance	<b>Verdict:</b> PASS		
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

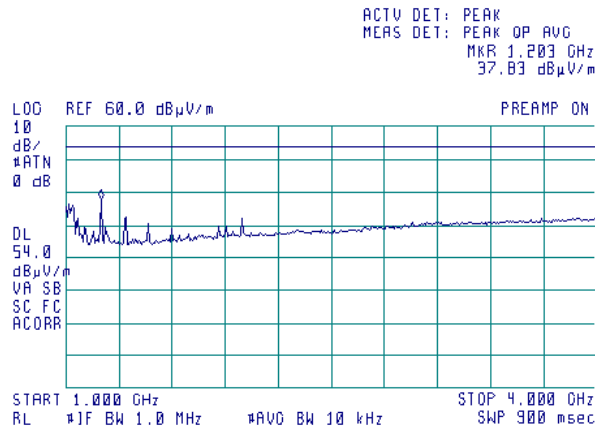
Plot 7.4.330 Radiated emission measurements from 1.0 to 4.0 GHz at the mid carrier frequency (5590MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 EBW 10MHz



Plot 7.4.331 Radiated emission measurements from 1.0 to 4.0 GHz at the mid carrier frequency (5590MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW 10MHz

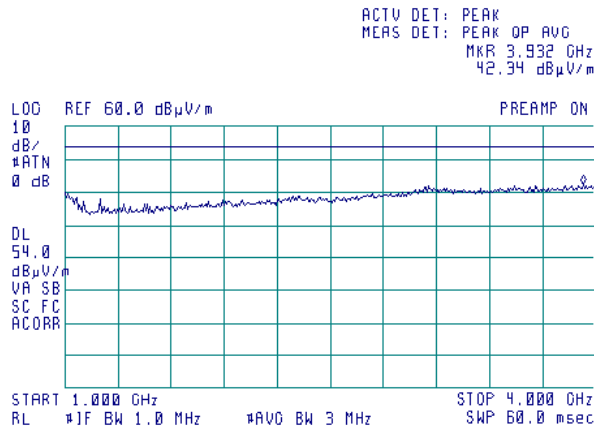




<b>Test specification:</b> Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions			
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance	<b>Verdict:</b> PASS		
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

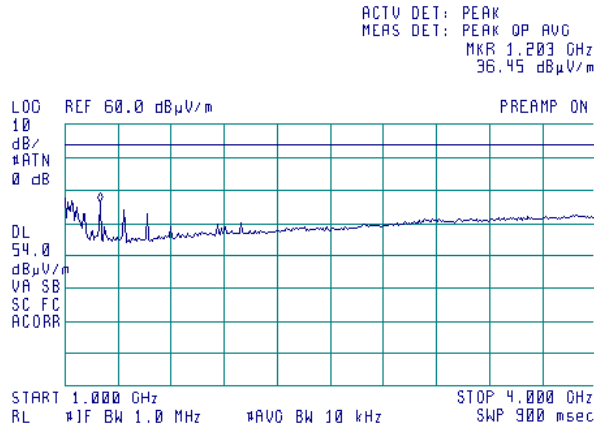
Plot 7.4.332 Radiated emission measurements from 1.0 to 4.0 GHz at the mid carrier frequency (5585MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20MHz



Plot 7.4.333 Radiated emission measurements from 1.0 to 4.0 GHz at the mid carrier frequency (5585MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 20MHz

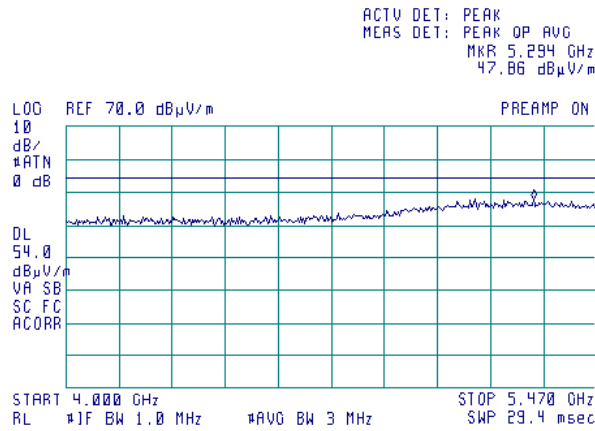




<b>Test specification:</b> Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions			
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance	<b>Verdict:</b> PASS		
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

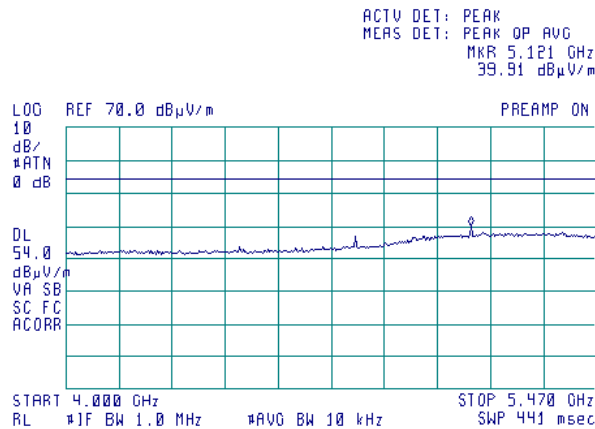
Plot 7.4.334 Radiated emission measurements from 4.00 to 5.47 GHz at the mid carrier frequency (5595MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5 MHz



Plot 7.4.335 Radiated emission measurements from 4.00 to 5.47 GHz at the mid carrier frequency (5595MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 5 MHz

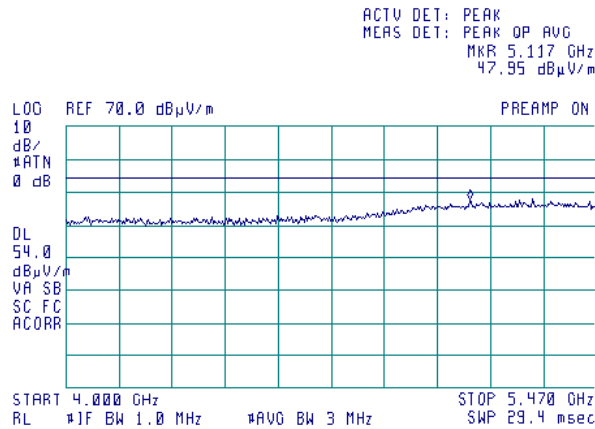




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

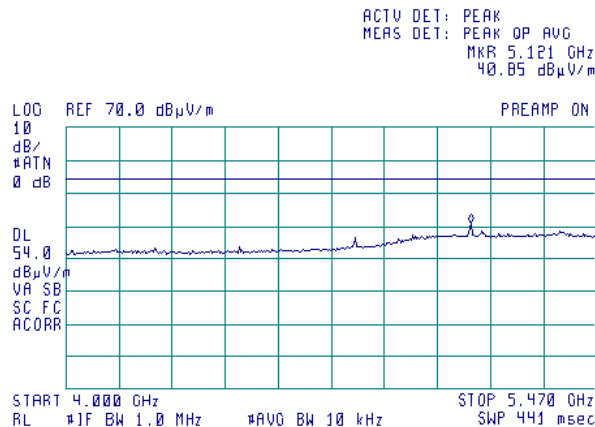
Plot 7.4.336 Radiated emission measurements from 4.00 to 5.47 GHz at the mid carrier frequency (5590MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 10 MHz



Plot 7.4.337 Radiated emission measurements from 4.00 to 5.47 GHz at the mid carrier frequency (5590MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 10 MHz

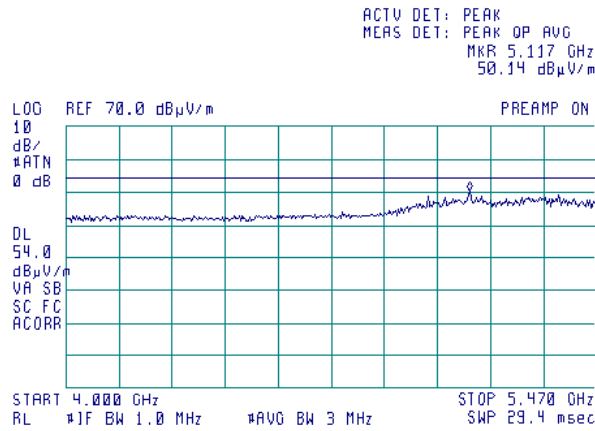




<b>Test specification:</b> Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions			
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance	<b>Verdict:</b> PASS		
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

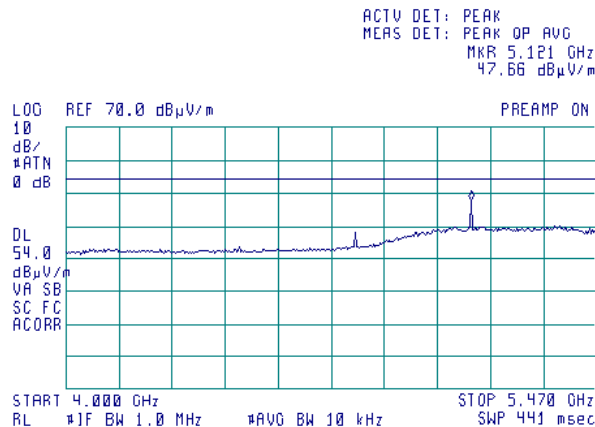
Plot 7.4.338 Radiated emission measurements from 4.00 to 5.47 GHz at the mid carrier frequency (5585MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20 MHz



Plot 7.4.339 Radiated emission measurements from 4.00 to 5.47GHz at the mid carrier frequency (5585MHz)

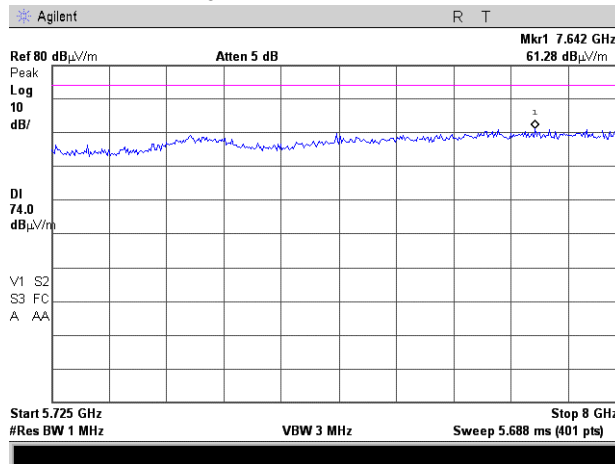
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 20 MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

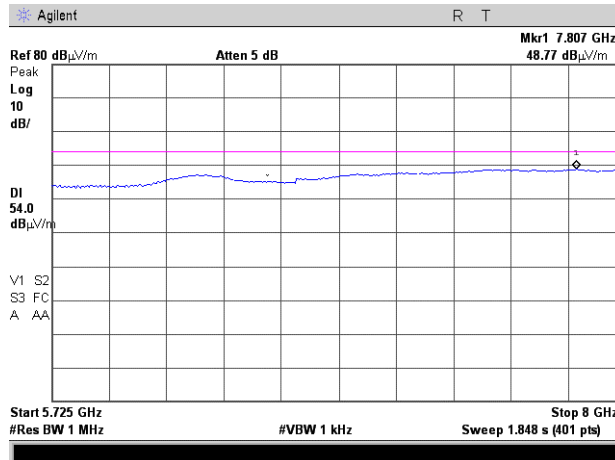
**Plot 7.4.340 Radiated emission measurements from 5.725 to 8.0 GHz at the mid carrier frequency (5595MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5 MHz



**Plot 7.4.341 Radiated emission measurements from 5.725 to 8.0 GHz at the mid carrier frequency (5595MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 5 MHz

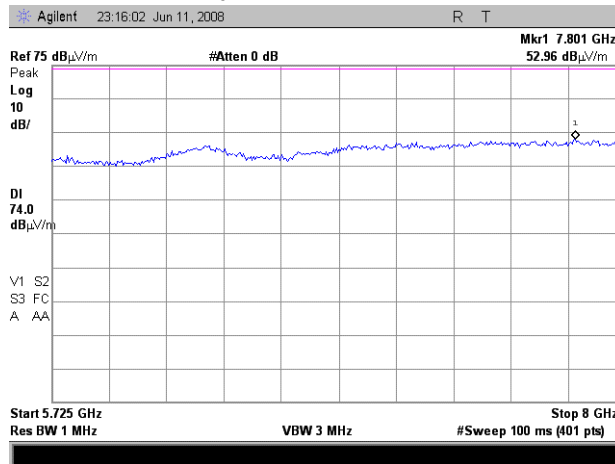




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

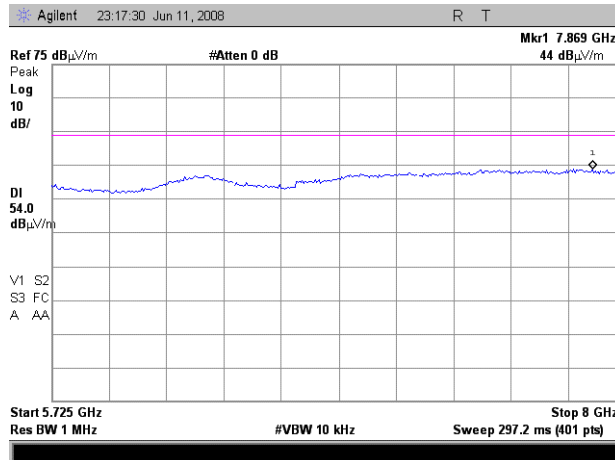
Plot 7.4.342 Radiated emission measurements from 5.725 to 8.0 GHz at the mid carrier frequency (5590MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Peak  
EBW: 10 MHz



Plot 7.4.343 Radiated emission measurements from 5.725 to 8.0 GHz at the mid carrier frequency (5590MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Average  
EBW: 10 MHz

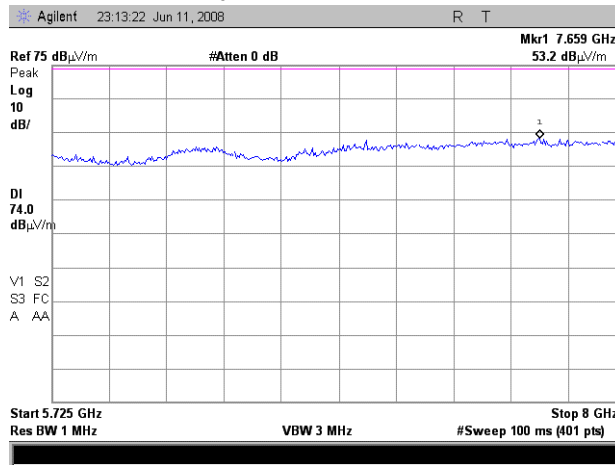




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

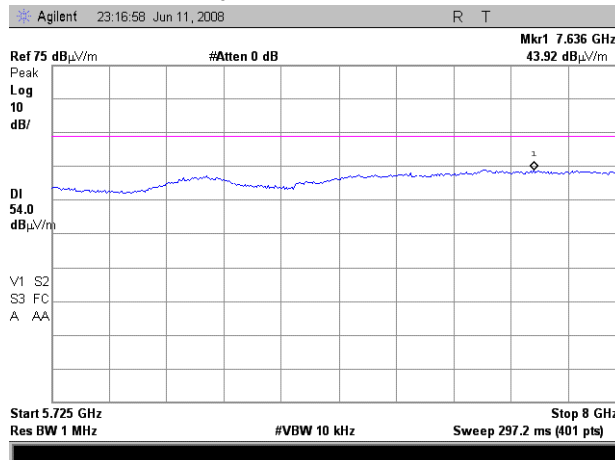
Plot 7.4.344 Radiated emission measurements from 5.725 to 8.0 GHz at the mid carrier frequency (5585MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20 MHz



Plot 7.4.345 Radiated emission measurements from 5.725 to 8.0 GHz at the mid carrier frequency (5585MHz)

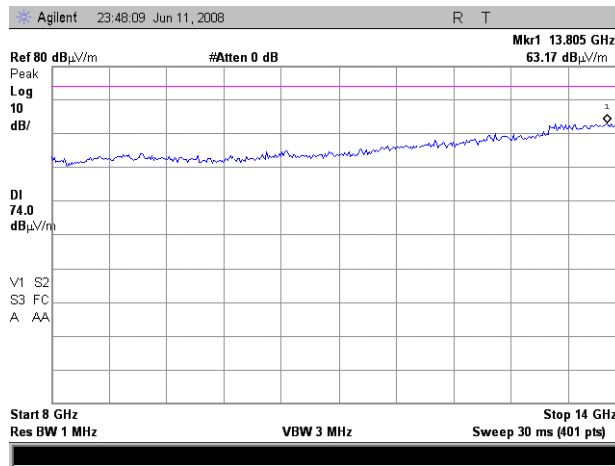
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 20 MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

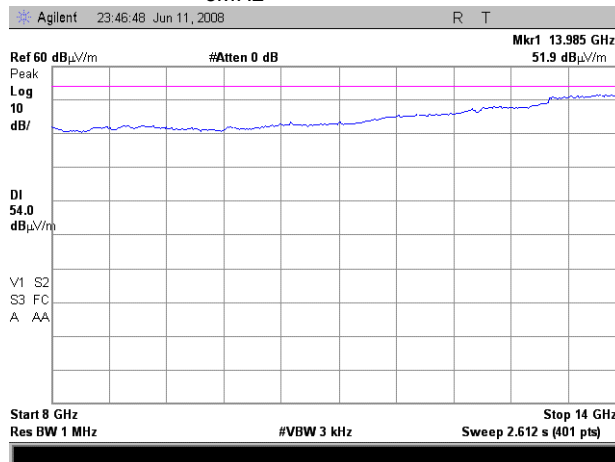
**Plot 7.4.346 Radiated emission measurements from 8 to 14 GHz at the mid carrier frequency (5595MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5MHz



**Plot 7.4.347 Radiated emission measurements from 8 to 14 GHz at the mid carrier frequency (5595MHz)**

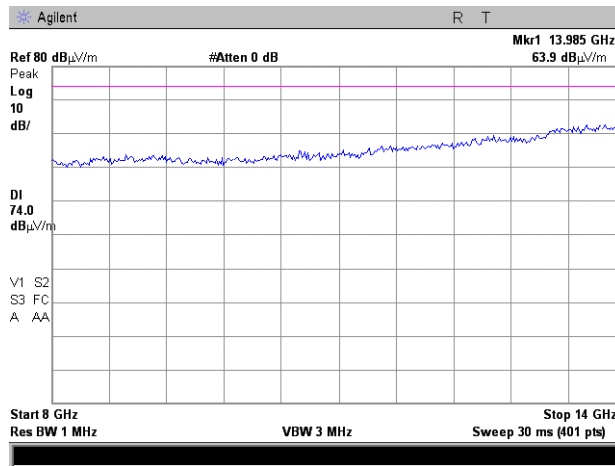
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 5MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

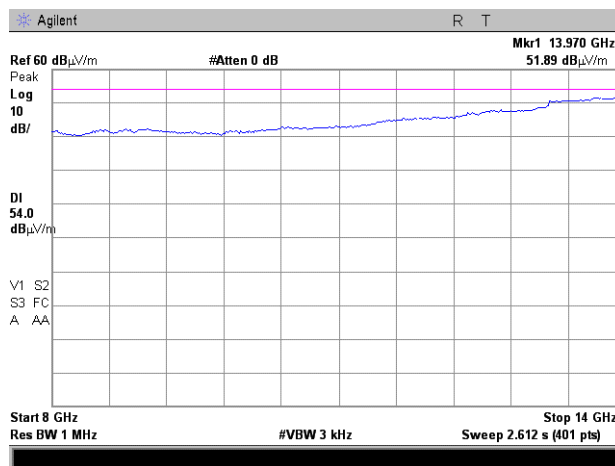
**Plot 7.4.348 Radiated emission measurements from 8 to 14 GHz at the mid carrier frequency (5590MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 10MHz



**Plot 7.4.349 Radiated emission measurements from 8 to 14 GHz at the mid carrier frequency (5590MHz)**

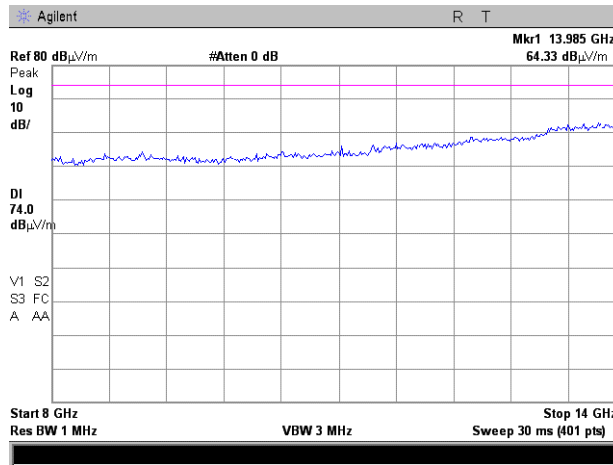
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 10MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

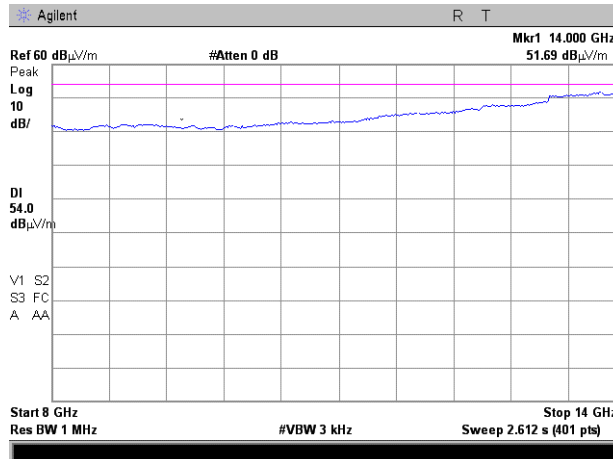
**Plot 7.4.350 Radiated emission measurements from 8 to 14 GHz at the mid carrier frequency (5585MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20MHz



**Plot 7.4.351 Radiated emission measurements from 8 to 14 GHz at the mid carrier frequency (5585MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 20MHz

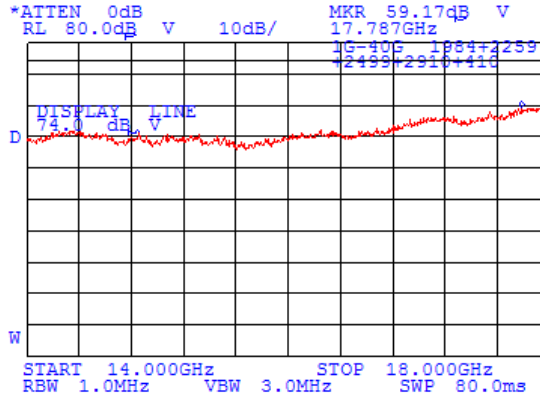




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

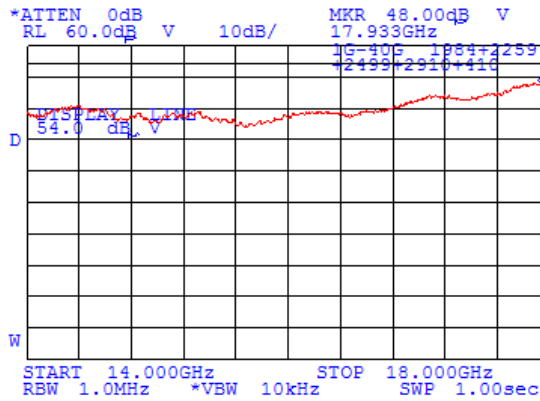
Plot 7.4.352 Radiated emission measurements from 14 to 18 GHz at the mid carrier frequency (5595MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5MHz



Plot 7.4.353 Radiated emission measurements from 14 to 18 GHz at the mid carrier frequency (5595MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 5MHz

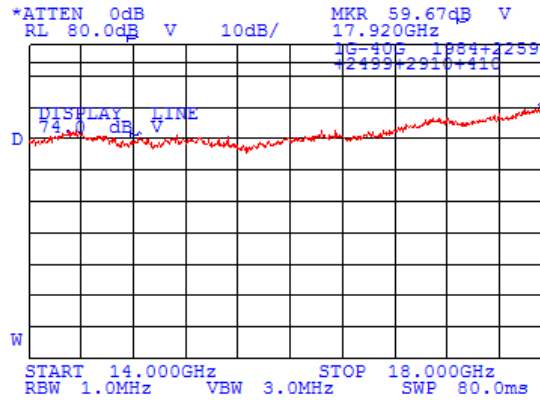




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

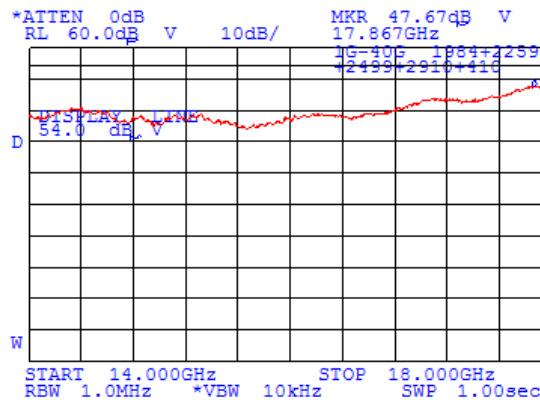
Plot 7.4.354 Radiated emission measurements from 14 to 18 GHz at the mid carrier frequency (5590MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 10MHz



Plot 7.4.355 Radiated emission measurements from 14 to 18 GHz at the mid carrier frequency (5590MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 10MHz

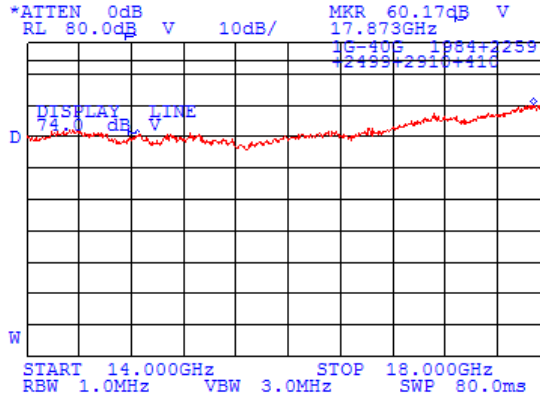




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

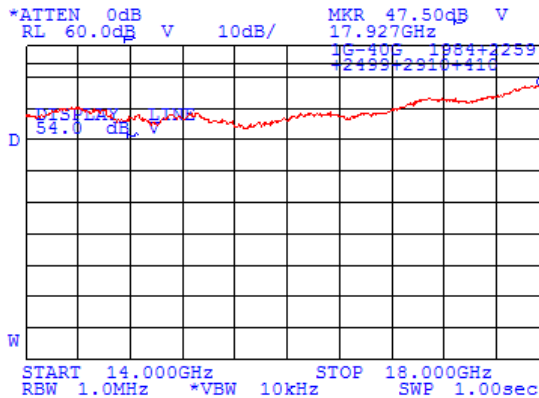
Plot 7.4.356 Radiated emission measurements from 14 to 18 GHz at the mid carrier frequency (5585MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20MHz



Plot 7.4.357 Radiated emission measurements from 14 to 18 GHz at the mid carrier frequency (5585MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 20MHz

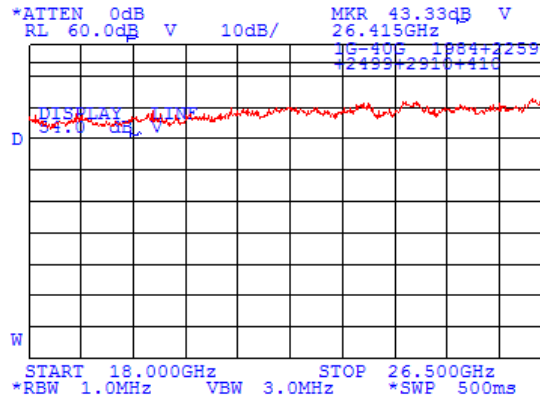




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

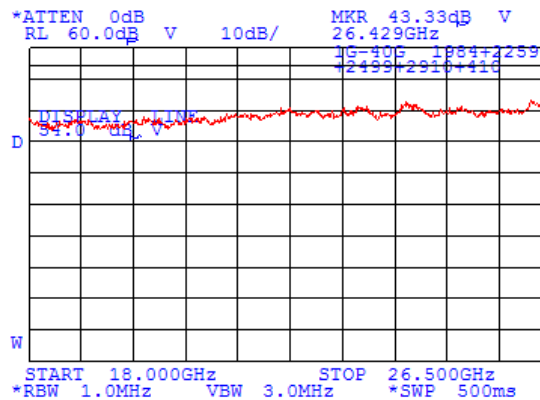
Plot 7.4.358 Radiated emission measurements from 18 to 26.5 GHz at the mid carrier frequency (5595MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak under average limit  
 EBW: 5MHz



Plot 7.4.359 Radiated emission measurements from 18 to 26.5 GHz at the mid carrier frequency (5590MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak under average limit  
 EBW: 10MHz



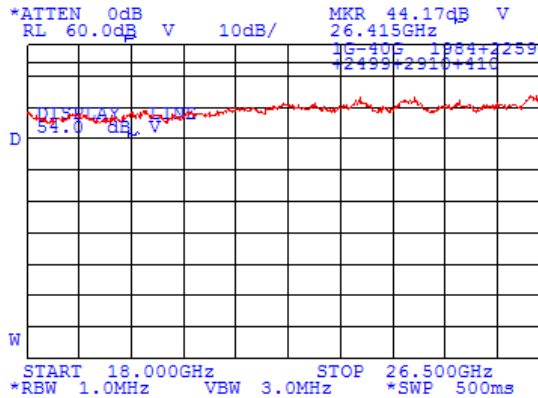




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

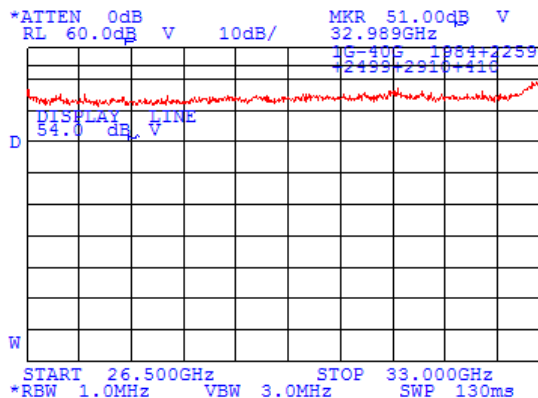
Plot 7.4.360 Radiated emission measurements from 18 to 26.5 GHz at the mid carrier frequency (5585MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak under average limit  
 EBW: 20MHz



Plot 7.4.361 Radiated emission measurements from 26.5 to 33 GHz at the mid carrier frequency (5595MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak under average limit  
 EBW: 5MHz

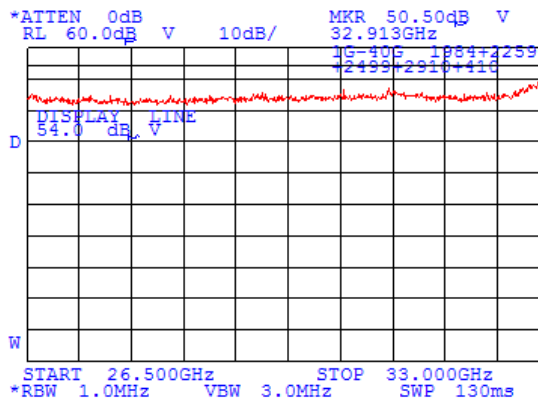




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

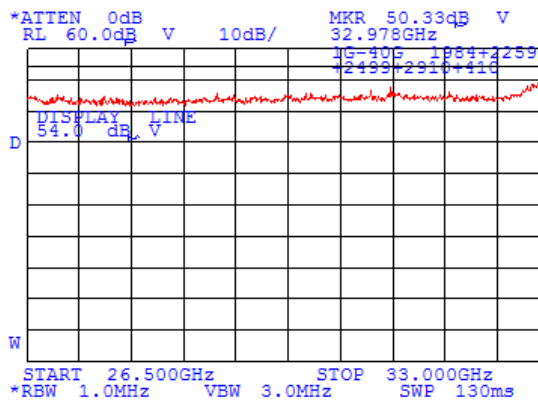
Plot 7.4.362 Radiated emission measurements from 26.5 to 33 GHz at the mid carrier frequency (5590MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak under average limit  
 EBW: 10MHz



Plot 7.4.363 Radiated emission measurements from 26.5 to 33 GHz at the mid carrier frequency (5585MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak under average limit  
 EBW: 20MHz

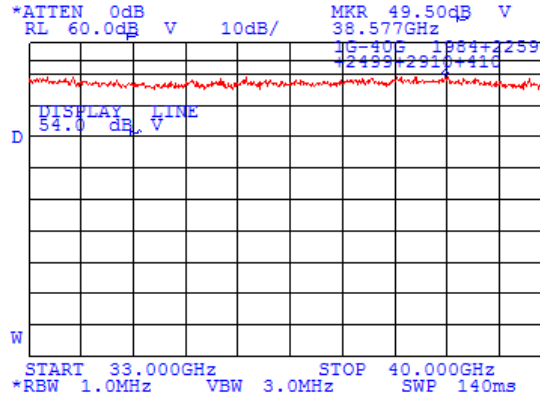




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

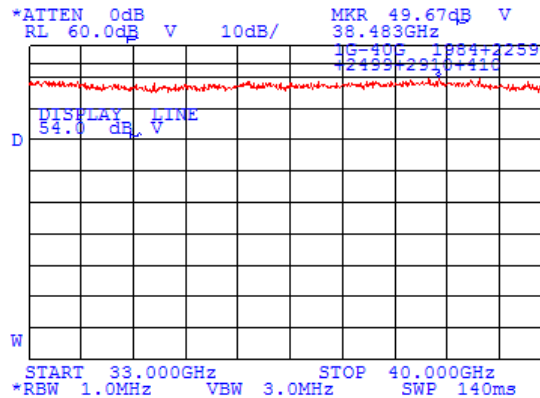
Plot 7.4.364 Radiated emission measurements from 33 to 40 GHz at the mid carrier frequency (5595MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak under average limit  
 EBW: 5MHz



Plot 7.4.365 Radiated emission measurements from 33 to 40 GHz at the mid carrier frequency (5590MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak under average limit  
 EBW: 10MHz

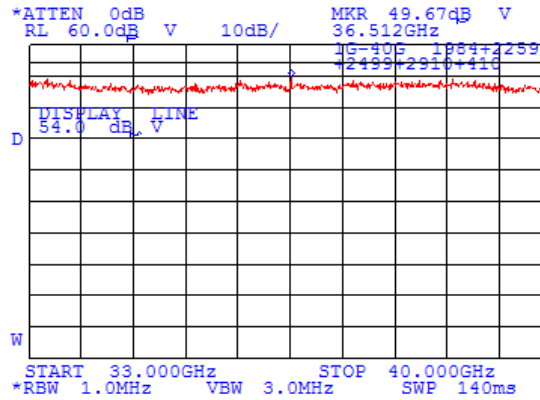




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

**Plot 7.4.366 Radiated emission measurements from 33 to 40 GHz at the mid carrier frequency (5585MHz)**

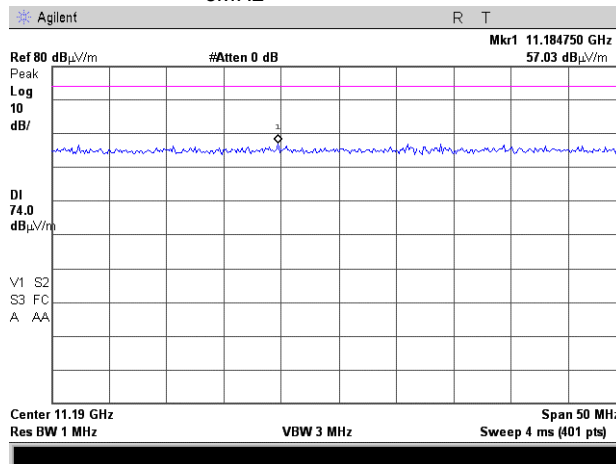
TEST SITE: OATS  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Peak under average limit  
EBW: 20MHz



<b>Test specification:</b> Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions			
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance	<b>Verdict:</b> PASS		
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

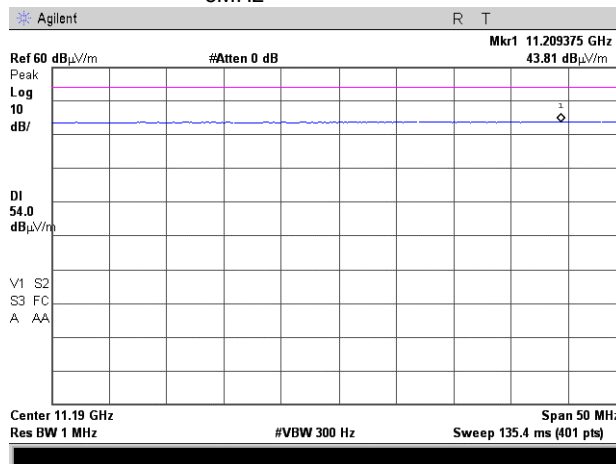
Plot 7.4.367 Radiated emission measurements at the second harmonic of mid carrier frequency (5595MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
DETECTOR: Peak  
EBW: 5MHz



Plot 7.4.368 Radiated emission measurements at the second harmonic of mid carrier frequency (5595MHz)

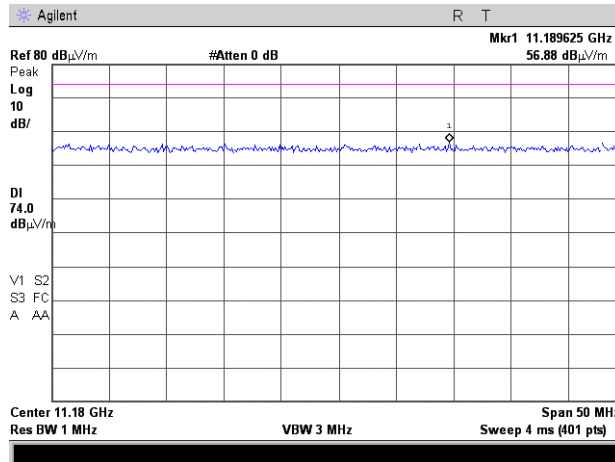
TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
DETECTOR: Average  
EBW: 5MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

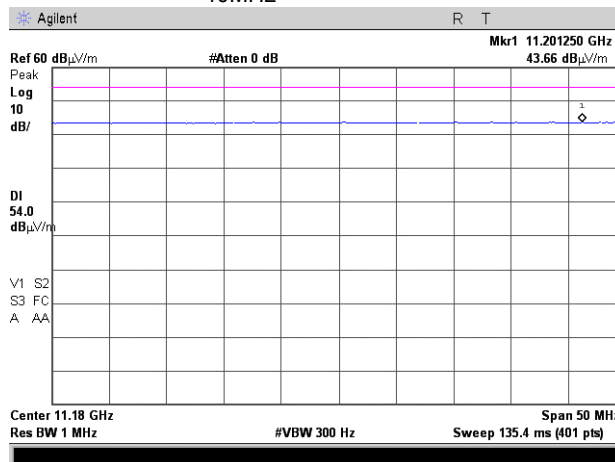
Plot 7.4.369 Radiated emission measurements at the second harmonic of mid carrier frequency (5590MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
DETECTOR: Peak  
EBW: 10MHz



Plot 7.4.370 Radiated emission measurements at the second harmonic of mid carrier frequency (5590MHz)

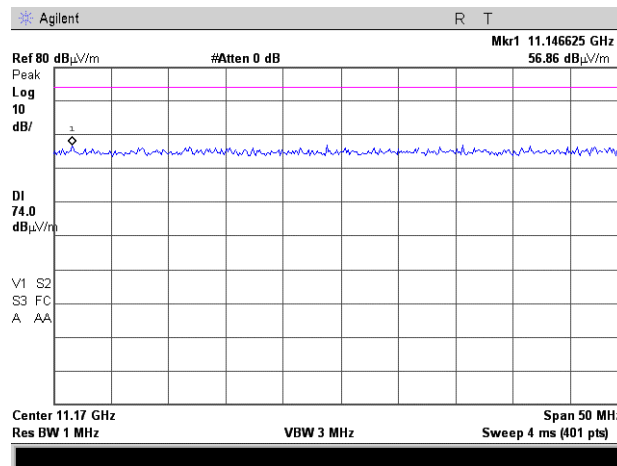
TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
DETECTOR: Average  
EBW: 10MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

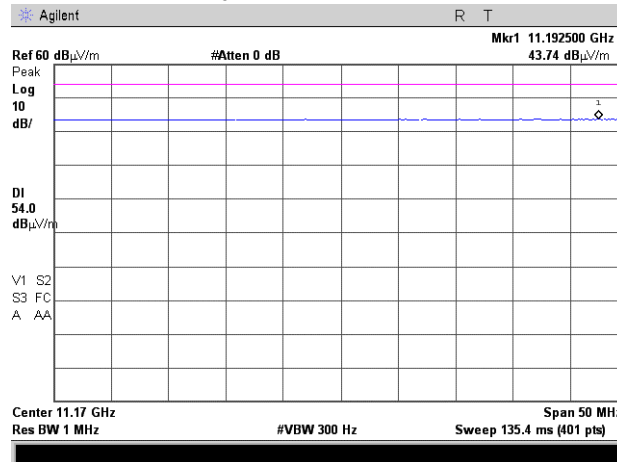
Plot 7.4.371 Radiated emission measurements at the second harmonic of mid carrier frequency (5585MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
DETECTOR: Peak  
EBW: 20MHz



Plot 7.4.372 Radiated emission measurements at the second harmonic of mid carrier frequency (5585MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
DETECTOR: Average  
EBW: 20MHz

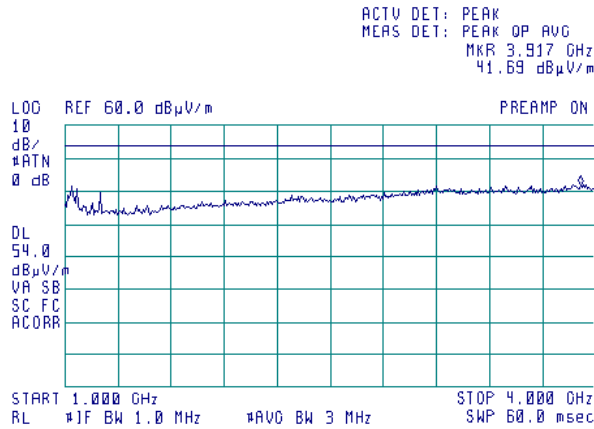




<b>Test specification:</b> Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions			
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance	<b>Verdict:</b> PASS		
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

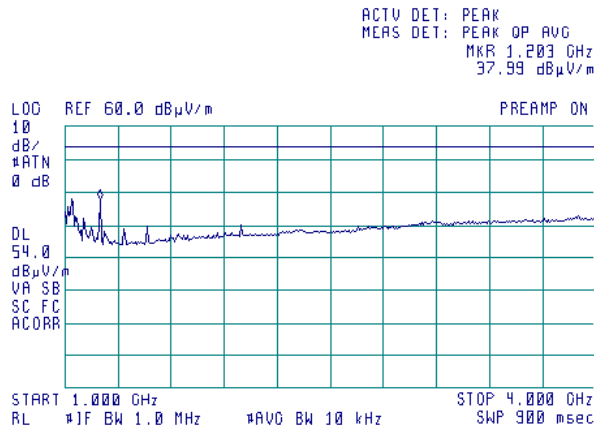
Plot 7.4.373 Radiated emission measurements from 1.0 to 4.0 GHz at the mid carrier frequency (5655MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 EBW 5MHz



Plot 7.4.374 Radiated emission measurements from 1.0 to 4.0 GHz at the mid carrier frequency (5655MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW 5MHz



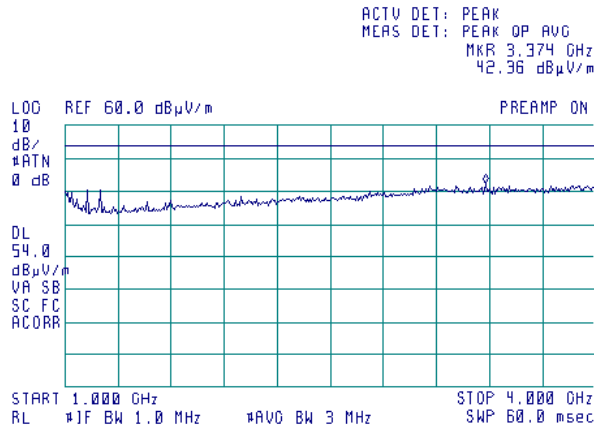




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

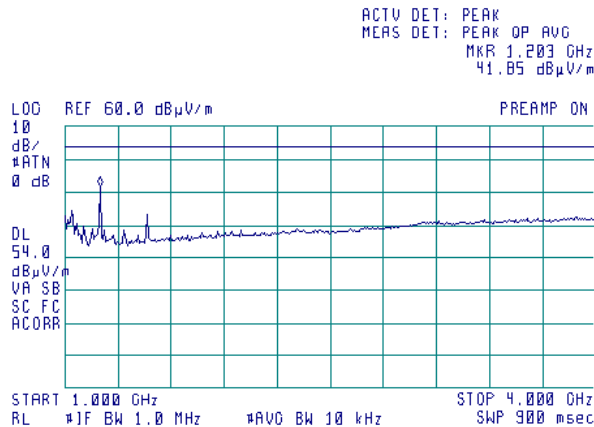
Plot 7.4.375 Radiated emission measurements from 1.0 to 4.0 GHz at the mid carrier frequency (5660MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
EBW 10MHz



Plot 7.4.376 Radiated emission measurements from 1.0 to 4.0 GHz at the mid carrier frequency (5660MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Average  
EBW 10MHz

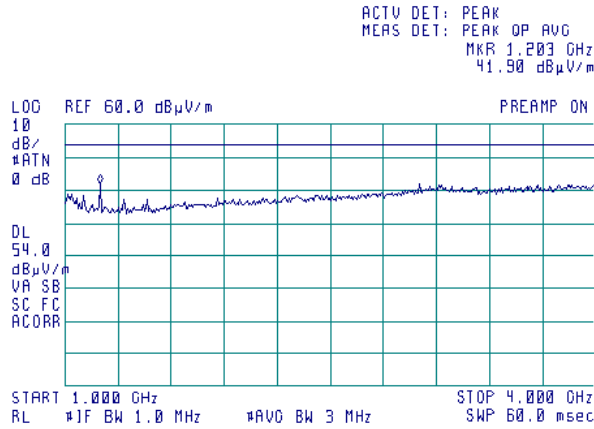




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

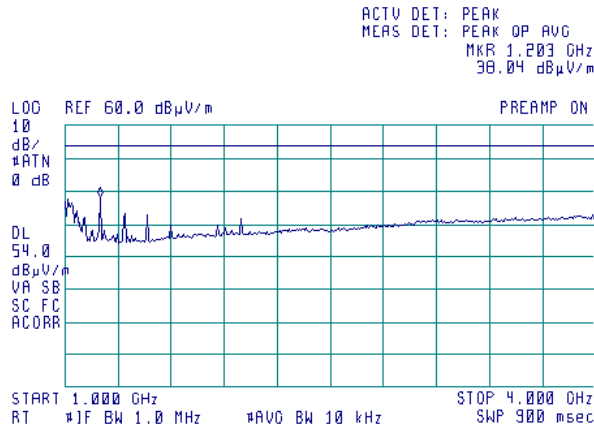
Plot 7.4.377 Radiated emission measurements from 1.0 to 4.0 GHz at the mid carrier frequency (5665MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20MHz



Plot 7.4.378 Radiated emission measurements from 1.0 to 4.0 GHz at the mid carrier frequency (5665MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 20MHz

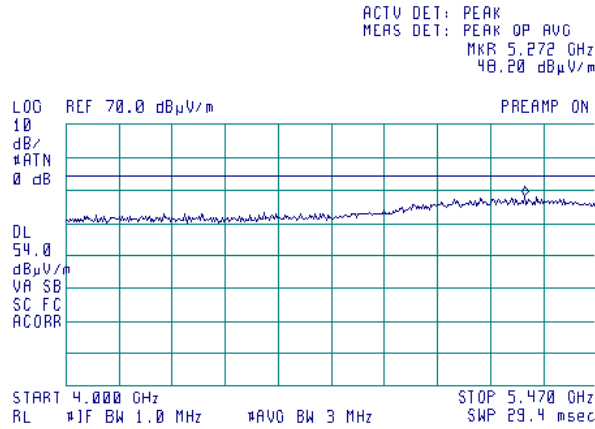




<b>Test specification:</b> Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions			
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance	<b>Verdict:</b> PASS		
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

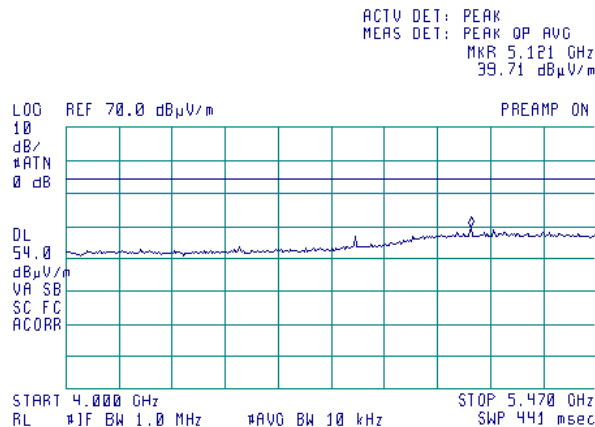
Plot 7.4.379 Radiated emission measurements from 4.00 to 5.47 GHz at the mid carrier frequency (5655MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Peak  
EBW: 5 MHz



Plot 7.4.380 Radiated emission measurements from 4.00 to 5.47 GHz at the mid carrier frequency (5655MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Average  
EBW: 5 MHz

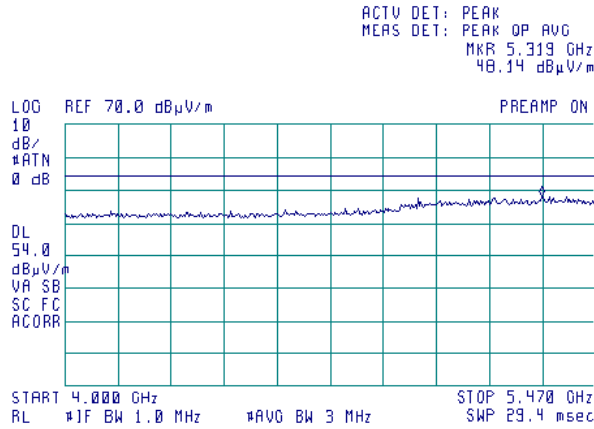




<b>Test specification:</b> Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions			
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance	<b>Verdict:</b> PASS		
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

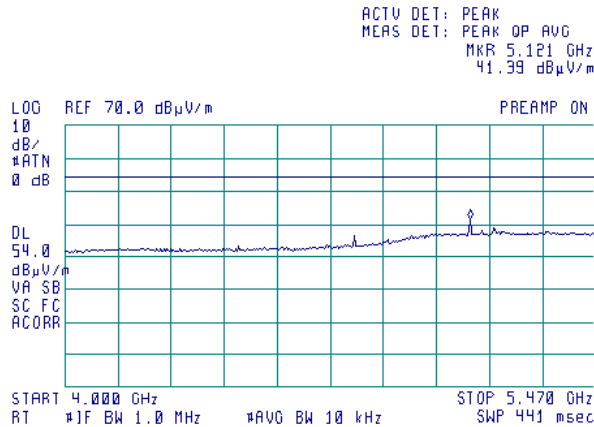
Plot 7.4.381 Radiated emission measurements from 4.00 to 5.47 GHz at the mid carrier frequency (5660MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 10 MHz



Plot 7.4.382 Radiated emission measurements from 4.00 to 5.47 GHz at the mid carrier frequency (5660MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 10 MHz

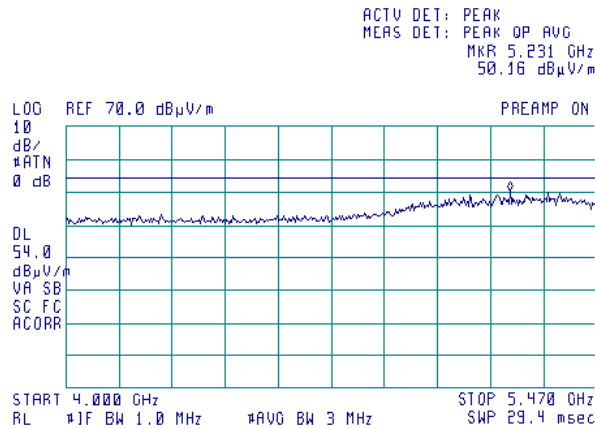




<b>Test specification:</b> Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions			
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance	<b>Verdict:</b> PASS		
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

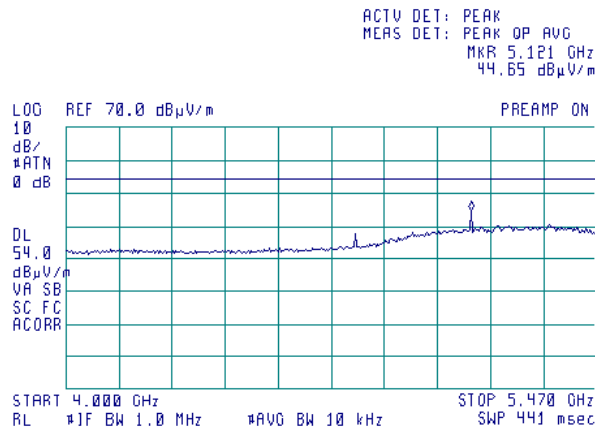
Plot 7.4.383 Radiated emission measurements from 4.00 to 5.47 GHz at the mid carrier frequency (5665MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20 MHz



Plot 7.4.384 Radiated emission measurements from 4.00 to 5.47GHz at the mid carrier frequency (5665MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 20 MHz

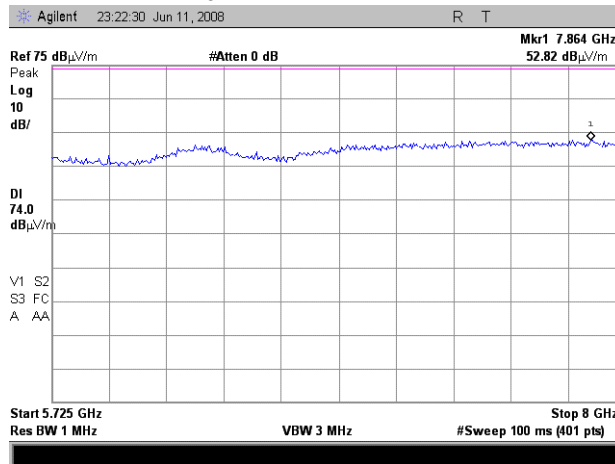




<b>Test specification:</b> Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions			
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance	<b>Verdict:</b> PASS		
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

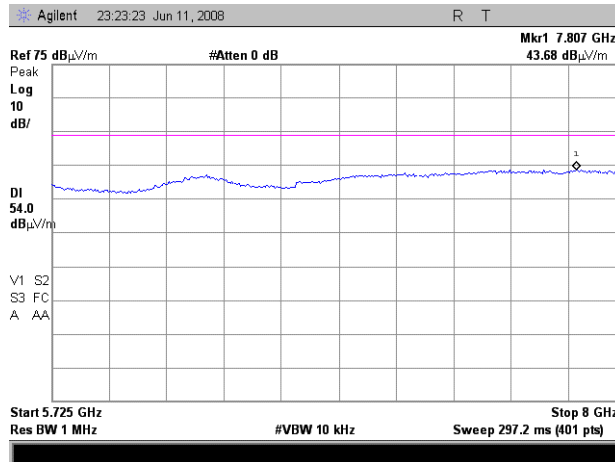
Plot 7.4.385 Radiated emission measurements from 5.725 to 8.0 GHz at the mid carrier frequency (5655MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5 MHz



Plot 7.4.386 Radiated emission measurements from 5.725 to 8.0 GHz at the mid carrier frequency (5655MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 5 MHz

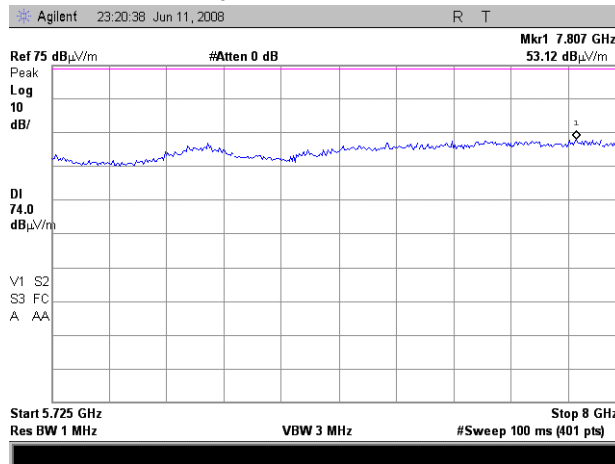




<b>Test specification:</b> Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions			
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance	<b>Verdict:</b> PASS		
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

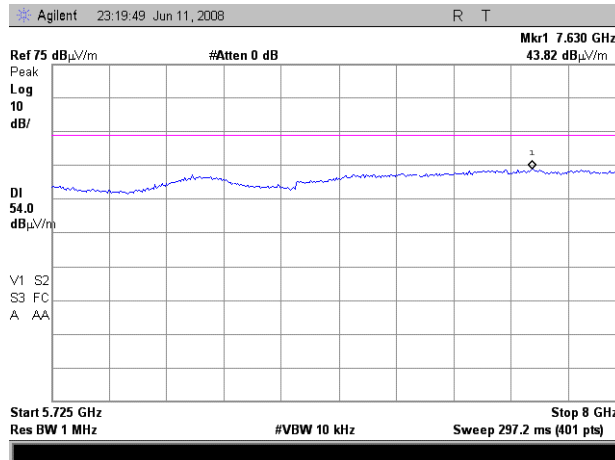
Plot 7.4.387 Radiated emission measurements from 5.725 to 8.0 GHz at the mid carrier frequency (5660MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Peak  
EBW: 10 MHz



Plot 7.4.388 Radiated emission measurements from 5.725 to 8.0 GHz at the mid carrier frequency (5660MHz)

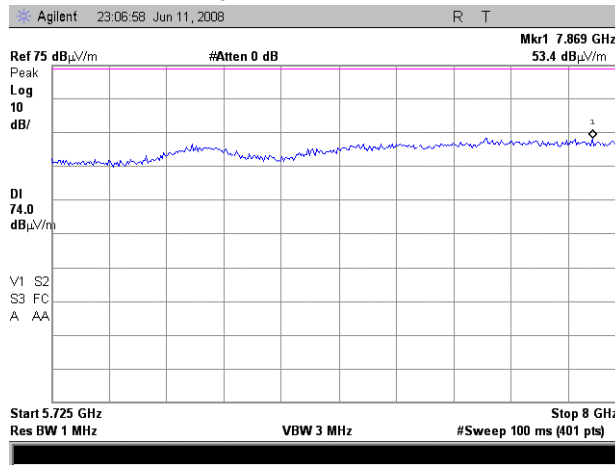
TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Average  
EBW: 10 MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

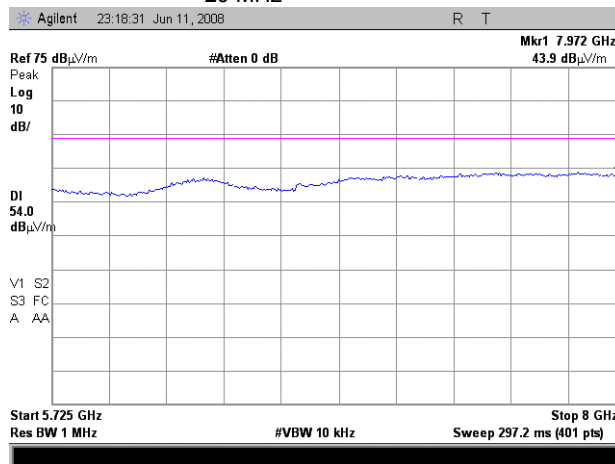
**Plot 7.4.389 Radiated emission measurements from 5.725 to 8.0 GHz at the mid carrier frequency (5665MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20 MHz



**Plot 7.4.390 Radiated emission measurements from 5.725 to 8.0 GHz at the mid carrier frequency (5665MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 20 MHz

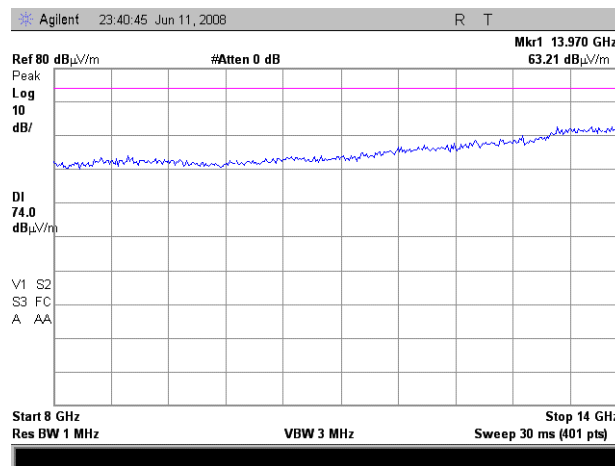




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

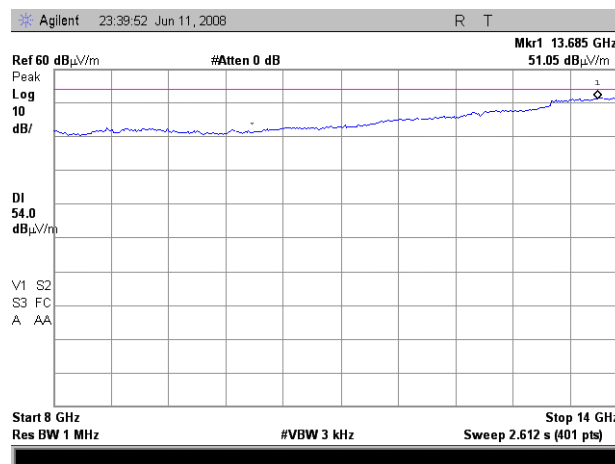
**Plot 7.4.391 Radiated emission measurements from 8 to 14 GHz at the mid carrier frequency (5655MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5MHz



**Plot 7.4.392 Radiated emission measurements from 8 to 14 GHz at the mid carrier frequency (5655MHz)**

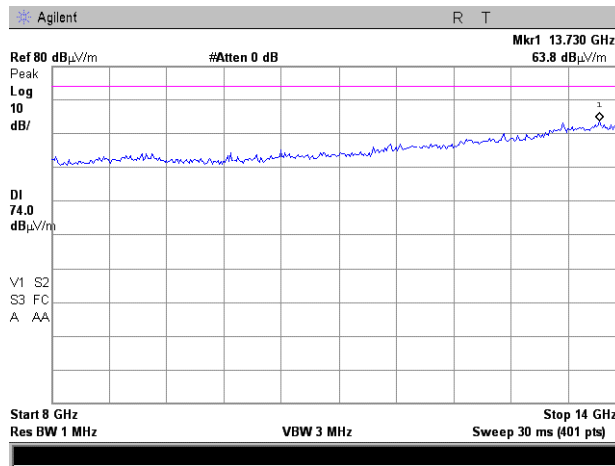
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 5MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

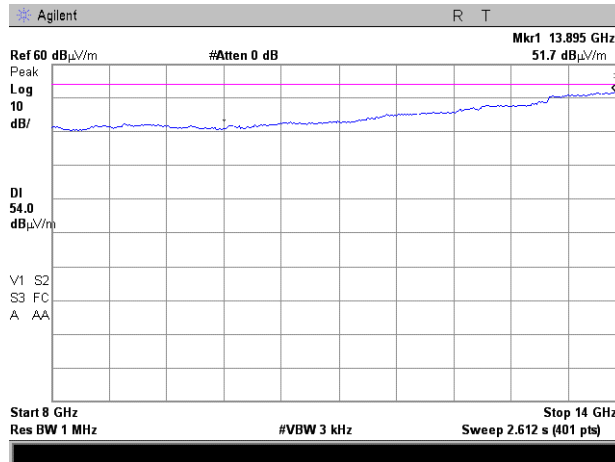
**Plot 7.4.393 Radiated emission measurements from 8 to 14 GHz at the mid carrier frequency (5660MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 10MHz



**Plot 7.4.394 Radiated emission measurements from 8 to 14 GHz at the mid carrier frequency (5660MHz)**

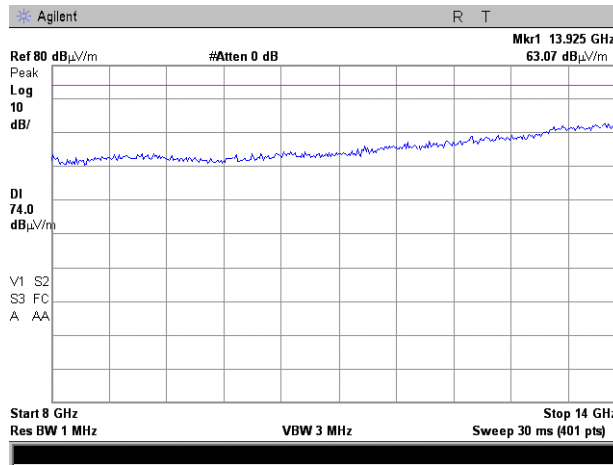
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 10MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

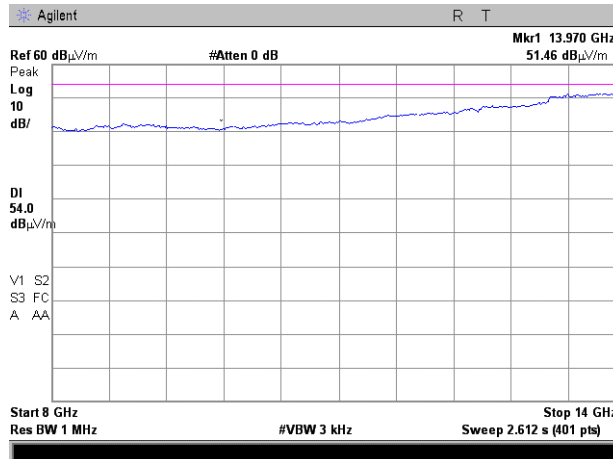
**Plot 7.4.395 Radiated emission measurements from 8 to 14 GHz at the mid carrier frequency (5665MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20MHz



**Plot 7.4.396 Radiated emission measurements from 8 to 14 GHz at the mid carrier frequency (5665MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 20MHz

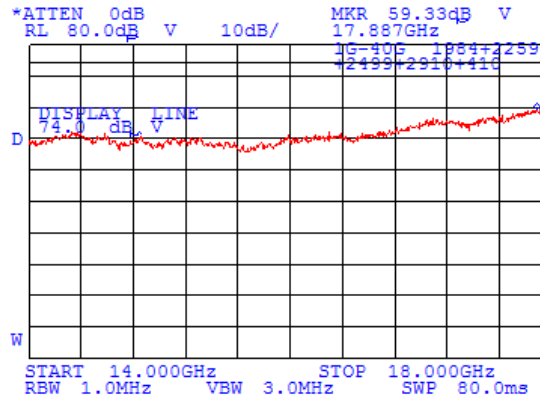




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

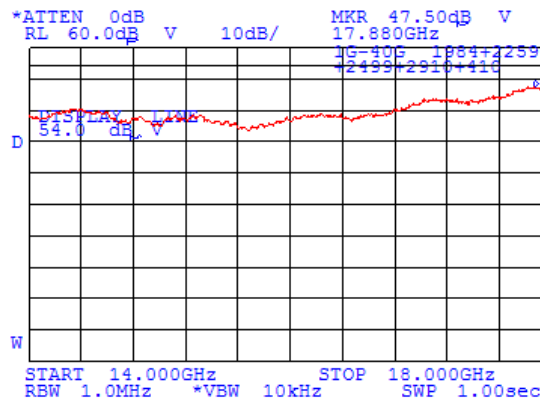
Plot 7.4.397 Radiated emission measurements from 14 to 18 GHz at the mid carrier frequency (5655MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5MHz



Plot 7.4.398 Radiated emission measurements from 14 to 18 GHz at the mid carrier frequency (5655MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 5MHz

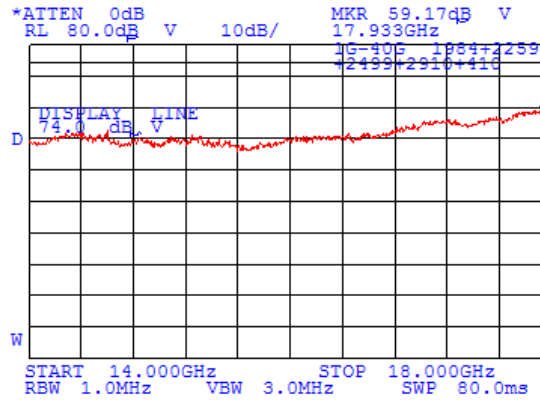




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

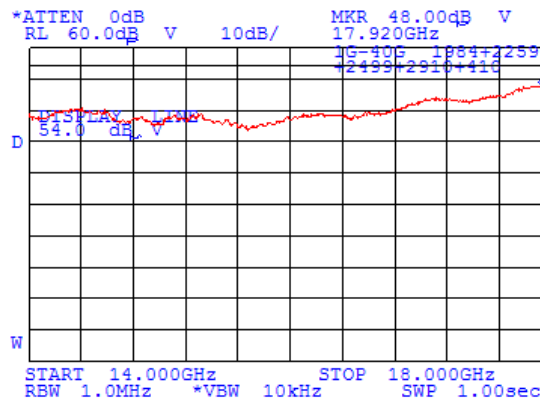
Plot 7.4.399 Radiated emission measurements from 14 to 18 GHz at the mid carrier frequency (5660MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 10MHz



Plot 7.4.400 Radiated emission measurements from 14 to 18 GHz at the mid carrier frequency (5660MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 10MHz

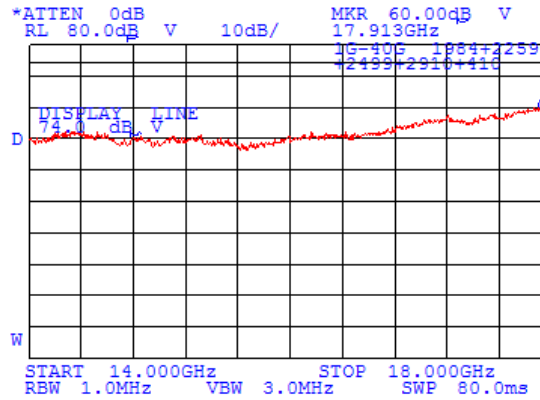




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

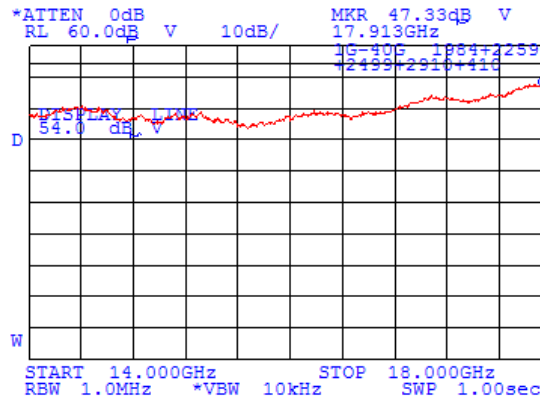
Plot 7.4.401 Radiated emission measurements from 14 to 18 GHz at the mid carrier frequency (5665MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20MHz



Plot 7.4.402 Radiated emission measurements from 14 to 18 GHz at the mid carrier frequency (5665MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 20MHz

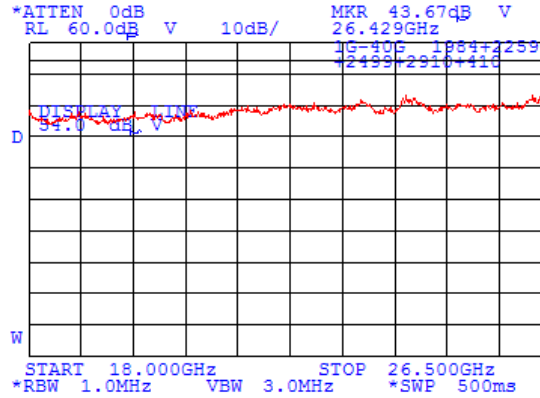




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

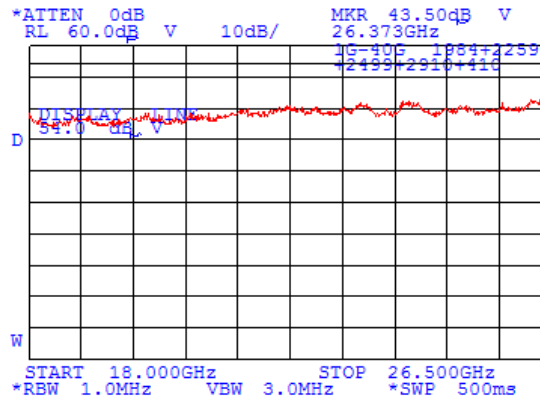
**Plot 7.4.403 Radiated emission measurements from 18 to 26.5 GHz at the mid carrier frequency (5655MHz)**

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak under average limit  
 EBW: 5MHz



**Plot 7.4.404 Radiated emission measurements from 18 to 26.5 GHz at the mid carrier frequency (5660MHz)**

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak under average limit  
 EBW: 10MHz

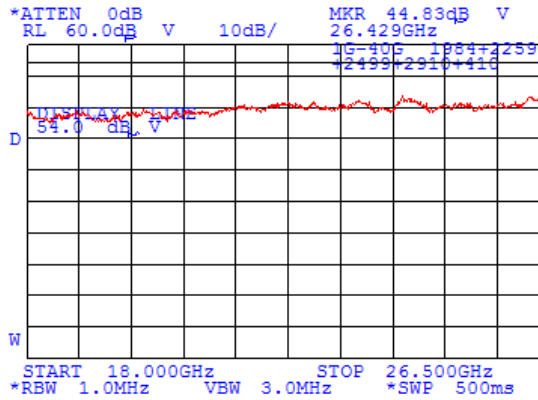




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

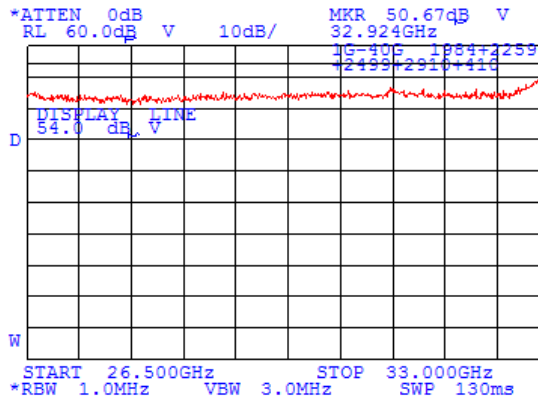
Plot 7.4.405 Radiated emission measurements from 18 to 26.5 GHz at the mid carrier frequency (5665MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak under average limit  
 EBW: 20MHz



Plot 7.4.406 Radiated emission measurements from 26.5 to 33 GHz at the mid carrier frequency (5655MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak under average limit  
 EBW: 5MHz



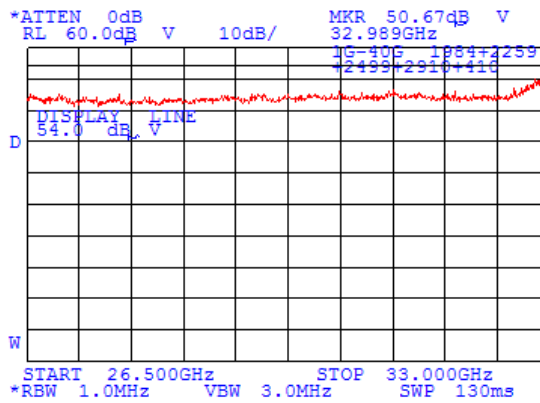




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

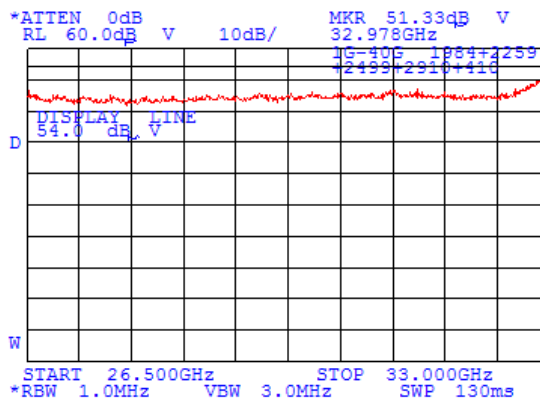
Plot 7.4.407 Radiated emission measurements from 26.5 to 33 GHz at the mid carrier frequency (5660MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak under average limit  
 EBW: 10MHz



Plot 7.4.408 Radiated emission measurements from 26.5 to 33 GHz at the mid carrier frequency (5665MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak under average limit  
 EBW: 20MHz

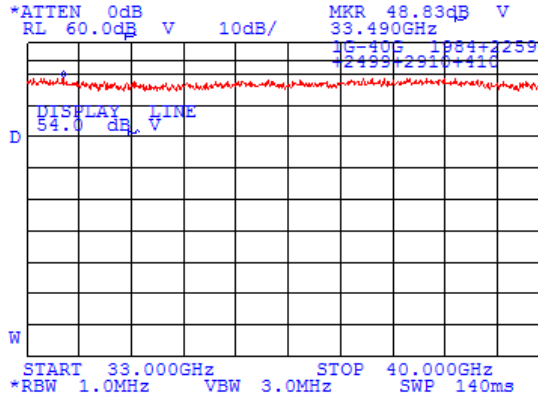




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

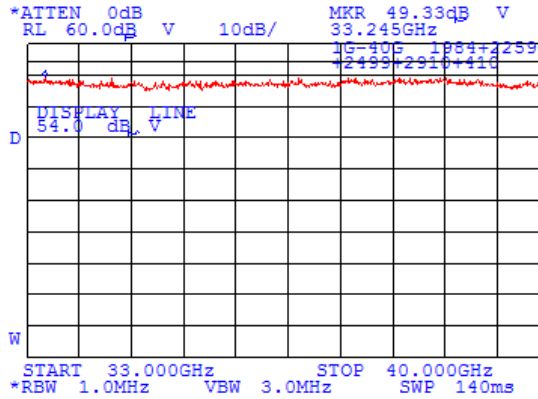
Plot 7.4.409 Radiated emission measurements from 33 to 40 GHz at the mid carrier frequency (5655MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak under average limit  
 EBW: 5MHz



Plot 7.4.410 Radiated emission measurements from 33 to 40 GHz at the mid carrier frequency (5660MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak under average limit  
 EBW: 10MHz

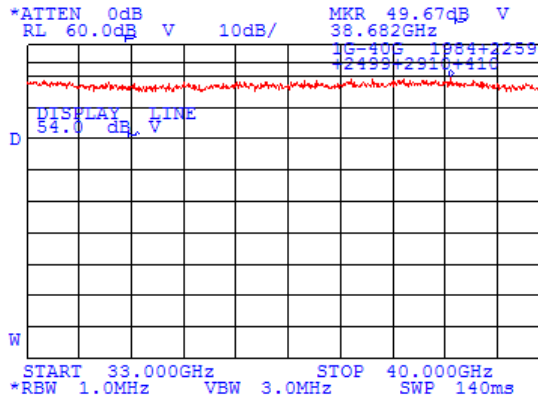




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

Plot 7.4.411 Radiated emission measurements from 33 to 40 GHz at the mid carrier frequency (5665MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak under average limit  
 EBW: 20MHz

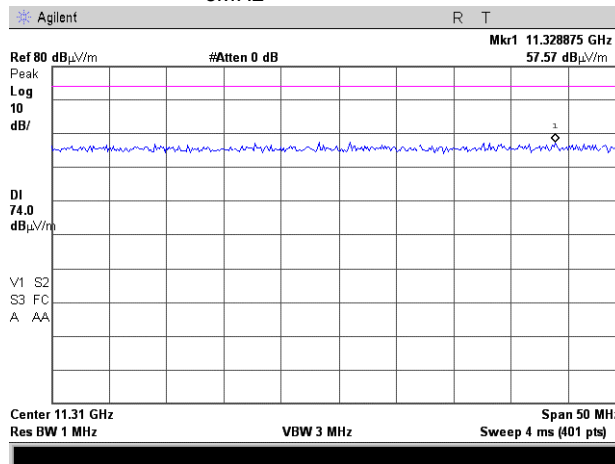




<b>Test specification:</b> Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions			
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance	<b>Verdict:</b> PASS		
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

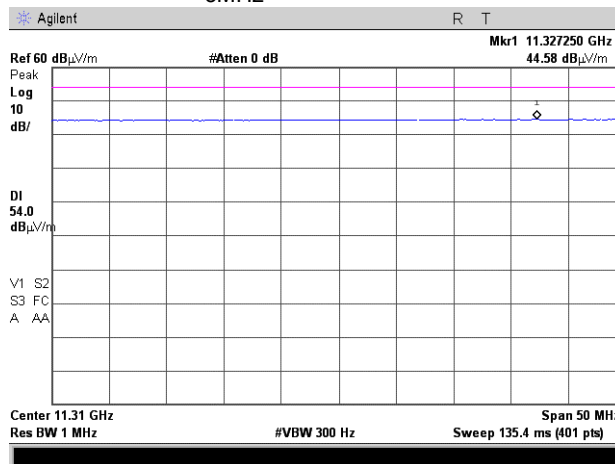
Plot 7.4.412 Radiated emission measurements at the second harmonic of mid carrier frequency (5655MHz)

TEST SITE: OATS  
TEST DISTANCE: 3 m  
DETECTOR: Peak  
EBW: 5MHz



Plot 7.4.413 Radiated emission measurements at the second harmonic of mid carrier frequency (5655MHz)

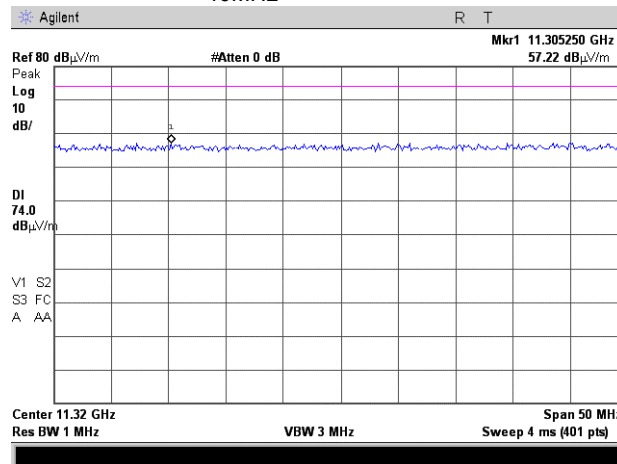
TEST SITE: OATS  
TEST DISTANCE: 3 m  
DETECTOR: Average  
EBW: 5MHz



<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

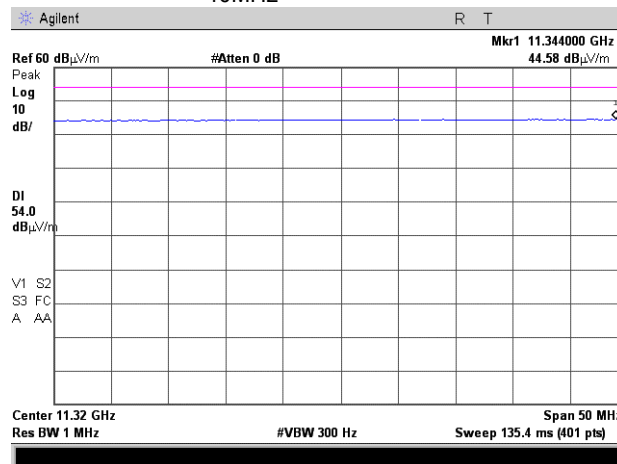
**Plot 7.4.414 Radiated emission measurements at the second harmonic of mid carrier frequency (5660MHz)**

TEST SITE: OATS  
TEST DISTANCE: 3 m  
DETECTOR: Peak  
EBW: 10MHz



**Plot 7.4.415 Radiated emission measurements at the second harmonic of mid carrier frequency (5660MHz)**

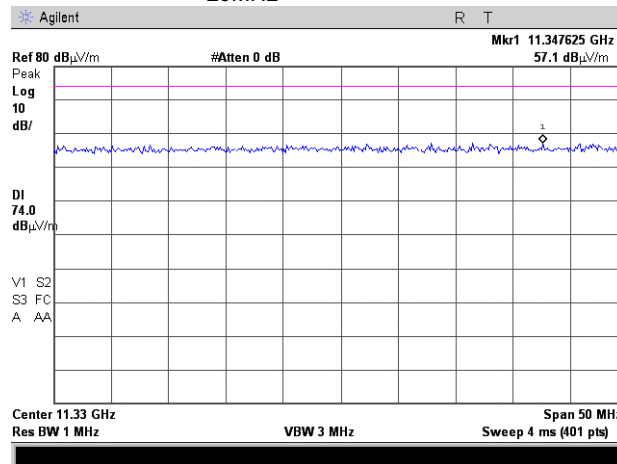
TEST SITE: OATS  
TEST DISTANCE: 3 m  
DETECTOR: Average  
EBW: 10MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

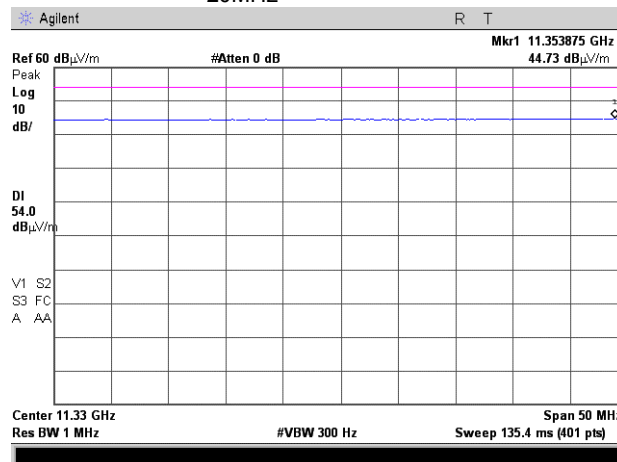
Plot 7.4.416 Radiated emission measurements at the second harmonic of mid carrier frequency (5665MHz)

TEST SITE: OATS  
TEST DISTANCE: 3 m  
DETECTOR: Peak  
EBW: 20MHz



Plot 7.4.417 Radiated emission measurements at the second harmonic of mid carrier frequency (5665MHz)

TEST SITE: OATS  
TEST DISTANCE: 3 m  
DETECTOR: Average  
EBW: 20MHz

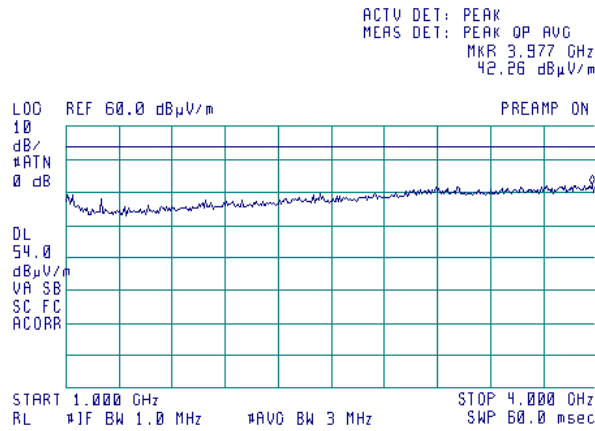




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

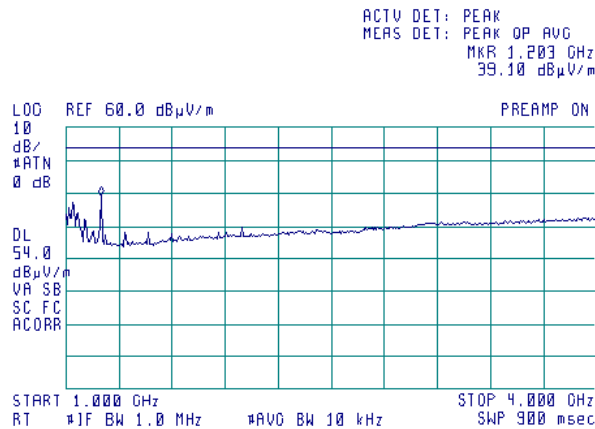
Plot 7.4.418 Radiated emission measurements from 1.0 to 4.0 GHz at the high carrier frequency (5720MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5MHz



Plot 7.4.419 Radiated emission measurements from 1.0 to 4.0 GHz at the high carrier frequency (5720MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 5MHz

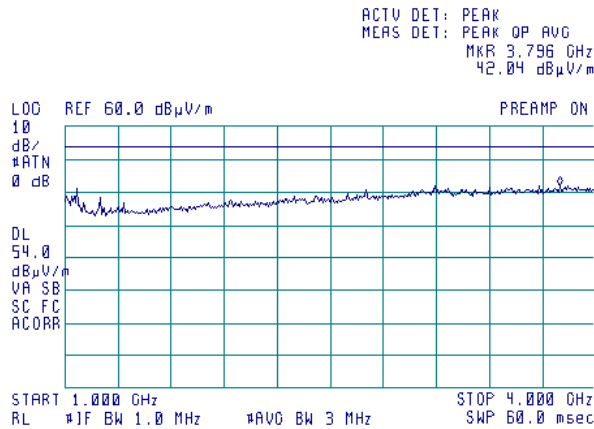




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

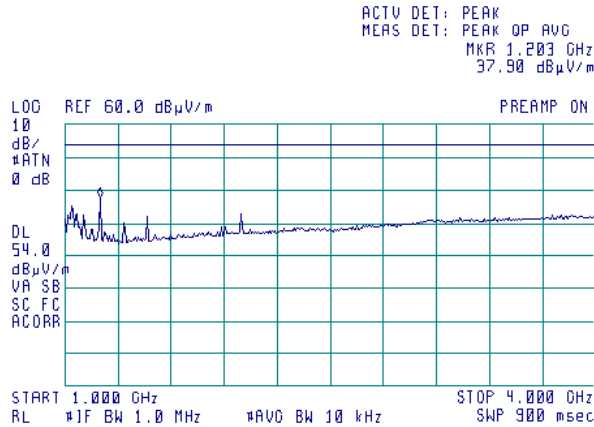
Plot 7.4.420 Radiated emission measurements from 1.0 to 4.0 GHz at the high carrier frequency (5715MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 10MHz



Plot 7.4.421 Radiated emission measurements from 1.0 to 4.0 GHz at the high carrier frequency (5715MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 10MHz



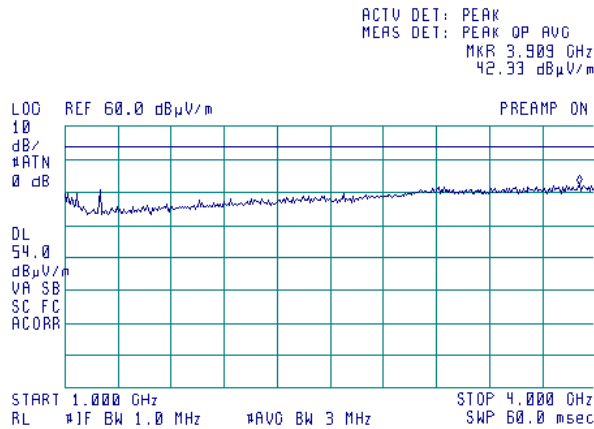




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

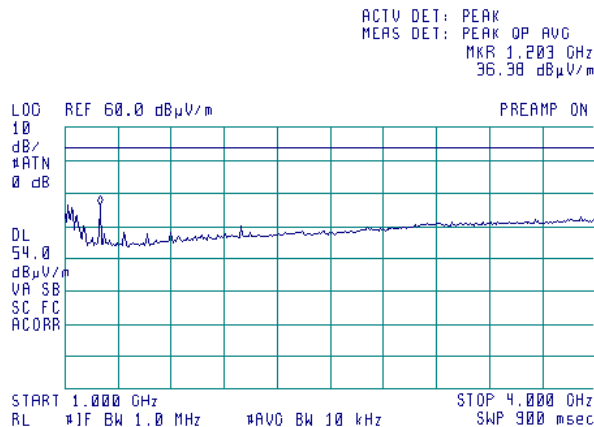
Plot 7.4.422 Radiated emission measurements from 1.0 to 4.0 GHz at the high carrier frequency (5710MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Peak  
EBW: 20MHz



Plot 7.4.423 Radiated emission measurements from 1.0 to 4.0 GHz at the high carrier frequency (5710MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Average  
EBW: 20MHz

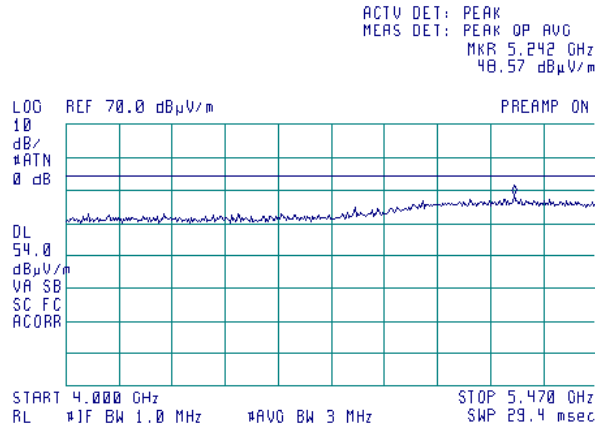




<b>Test specification:</b> Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions			
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance	<b>Verdict:</b> PASS		
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

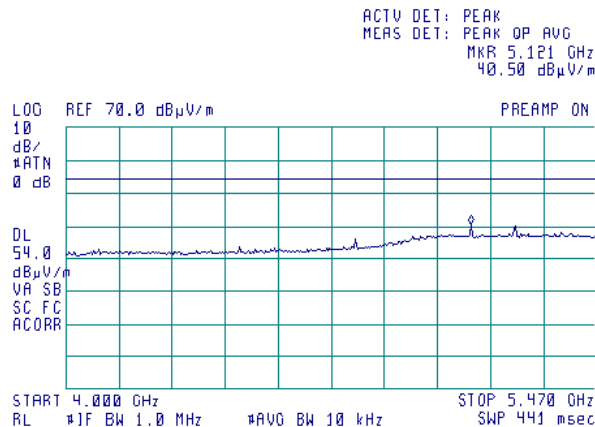
Plot 7.4.424 Radiated emission measurements from 4.00 to 5.47 GHz at the high carrier frequency (5720MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5 MHz



Plot 7.4.425 Radiated emission measurements from 4.00 to 5.47 GHz at the high carrier frequency (5720MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 5 MHz

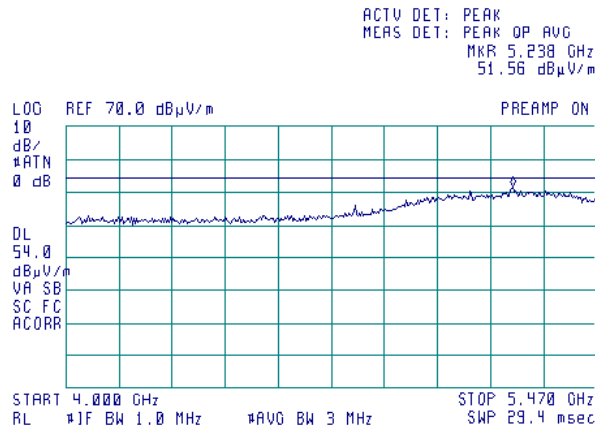




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

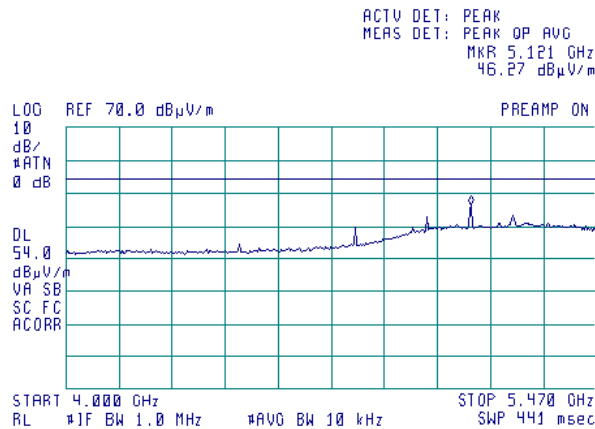
Plot 7.4.426 Radiated emission measurements from 4.00 to 5.47 GHz at the high carrier frequency (5715MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 10 MHz



Plot 7.4.427 Radiated emission measurements from 4.00 to 5.47 GHz at the high carrier frequency (5715MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 10 MHz

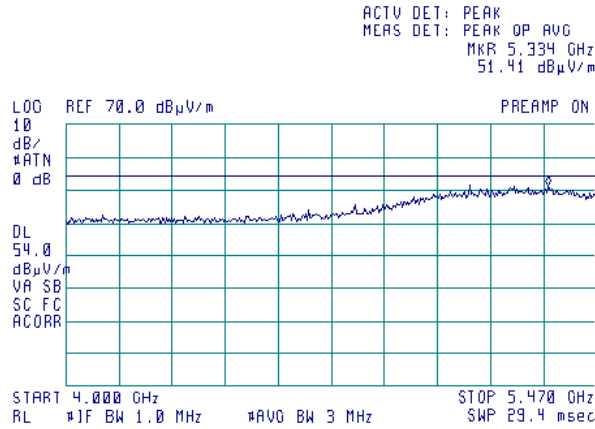




<b>Test specification:</b> Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions			
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance	<b>Verdict:</b> PASS		
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

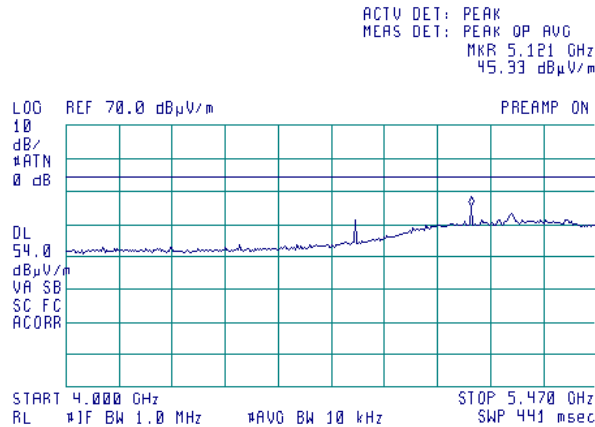
Plot 7.4.428 Radiated emission measurements from 4.0 to 5.47 GHz at the high carrier frequency (5710MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Peak  
EBW: 20 MHz



Plot 7.4.429 Radiated emission measurements from 4.0 to 5.47GHz at the high carrier frequency (5710MHz)

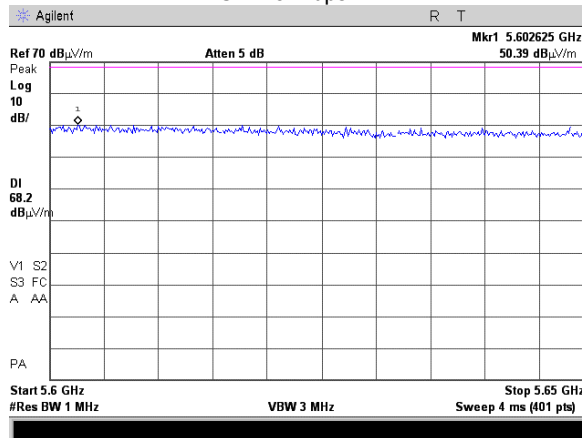
TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Average  
EBW: 20 MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

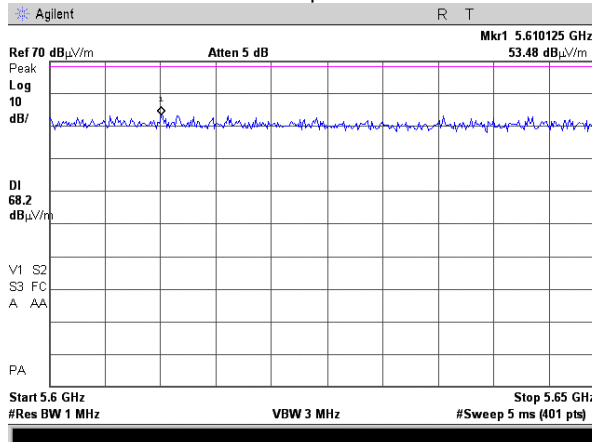
Plot 7.4.430 Radiated emission measurements from 5.6 to 5.65GHz at the high carrier frequency (5720MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW 5 MHz  
 MODULATION: BPSK 1.5 Mbps



Plot 7.4.431 Radiated emission measurements from 5.6 to 5.65GHz at the high carrier frequency (5715MHz)

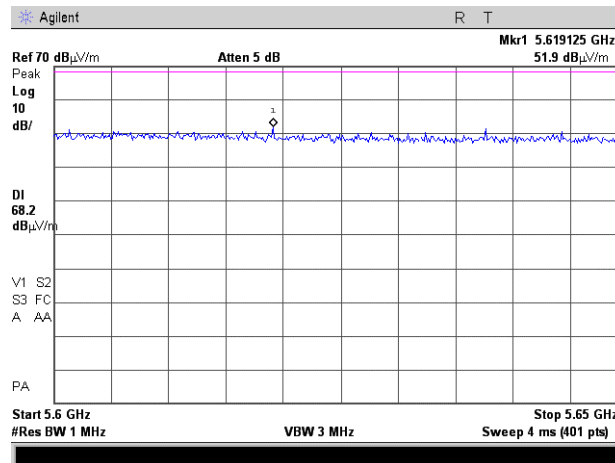
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW 10 MHz  
 MODULATION: BPSK 3 Mbps



<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

Plot 7.4.432 Radiated emission measurements from 5.6 to 5.65GHz at the high carrier frequency (5710MHz)

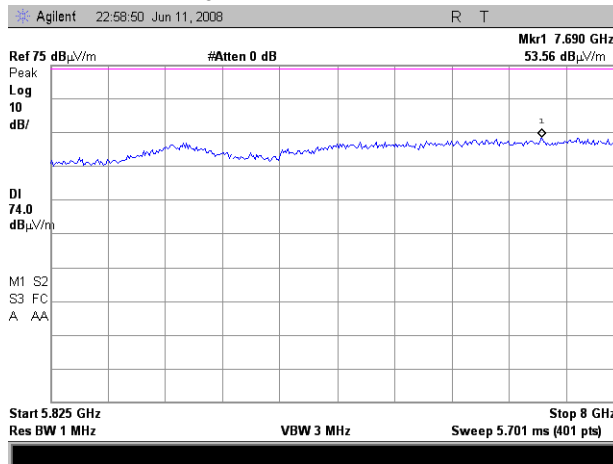
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20 MHz  
 MODULATION: BPSK 6 Mbps



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

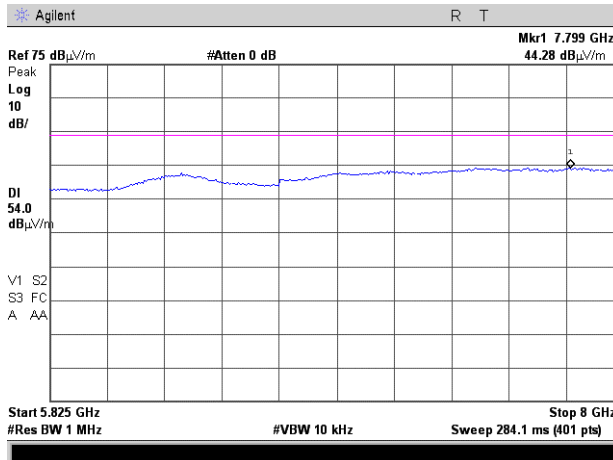
**Plot 7.4.433 Radiated emission measurements from 5.825 to 8.0 GHz at the high carrier frequency (5720MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5 MHz



**Plot 7.4.434 Radiated emission measurements from 5.825 to 8.0 GHz at the high carrier frequency (5720MHz)**

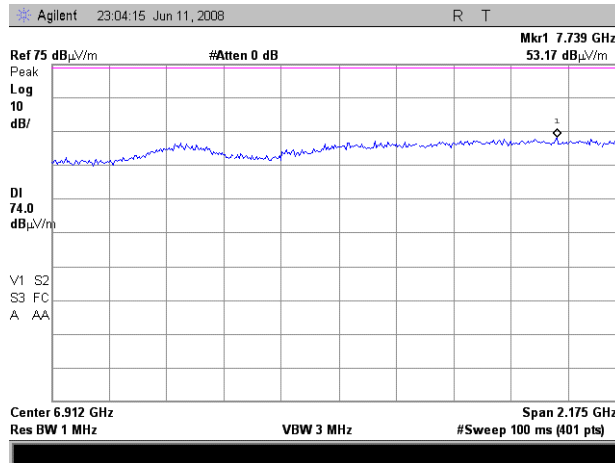
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 5 MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

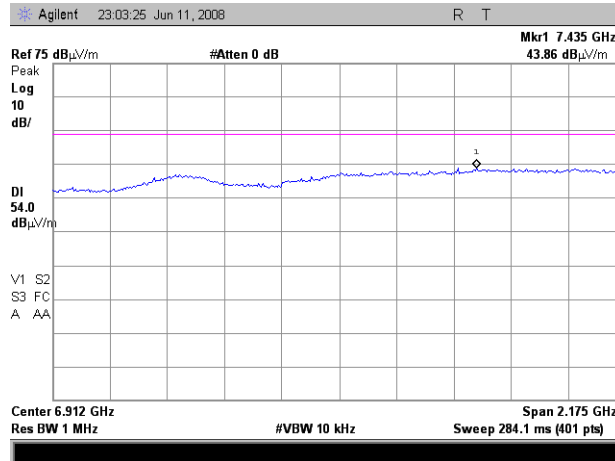
**Plot 7.4.435 Radiated emission measurements from 5.825 to 8.0 GHz at the high carrier frequency (5715MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 10 MHz



**Plot 7.4.436 Radiated emission measurements from 5.825 to 8.0 GHz at the high carrier frequency (5715MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 10 MHz

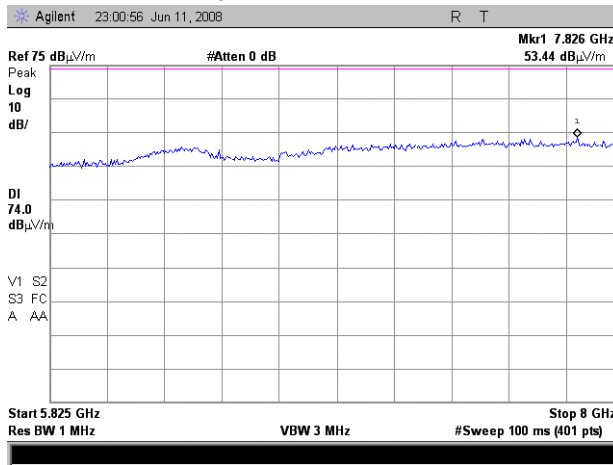




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

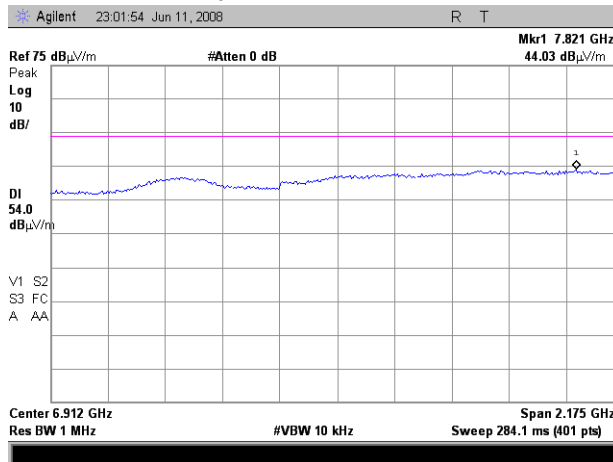
**Plot 7.4.437 Radiated emission measurements from 5.825 to 8.0 GHz at the high carrier frequency (5710MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20 MHz



**Plot 7.4.438 Radiated emission measurements from 5.825 to 8.0 GHz at the high carrier frequency (5710MHz)**

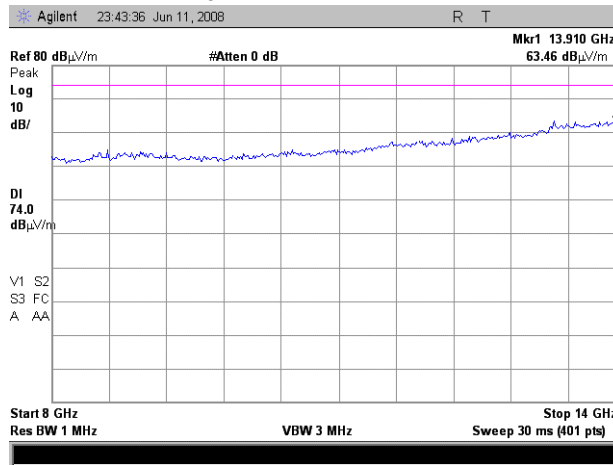
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 20 MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

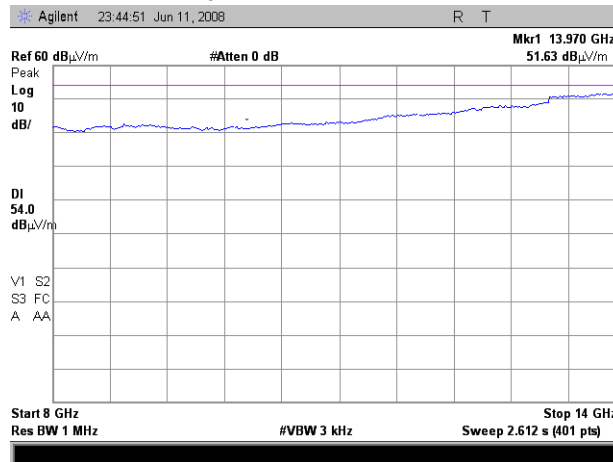
**Plot 7.4.439 Radiated emission measurements from 8 to 14 GHz at the high carrier frequency (5720MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5MHz



**Plot 7.4.440 Radiated emission measurements from 8 to 14 GHz at the high carrier frequency (5720MHz)**

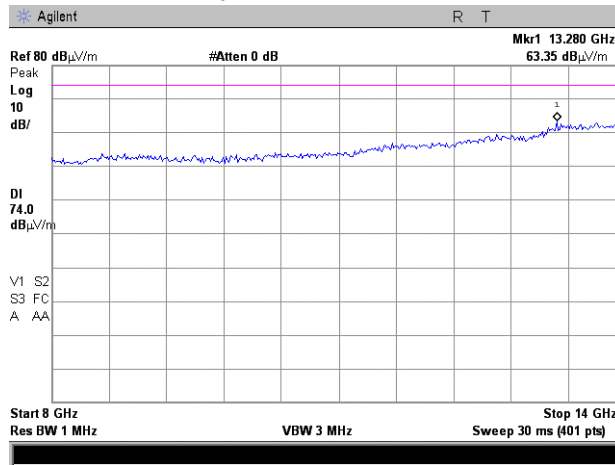
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 5MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

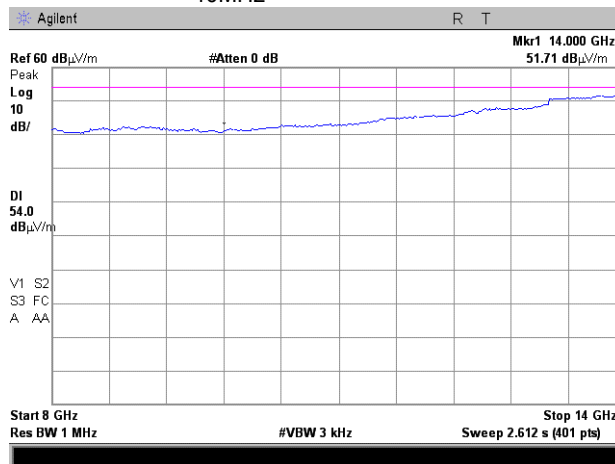
**Plot 7.4.441 Radiated emission measurements from 8 to 14 GHz at the high carrier frequency (5715MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 10MHz



**Plot 7.4.442 Radiated emission measurements from 8 to 14 GHz at the high carrier frequency (5715MHz)**

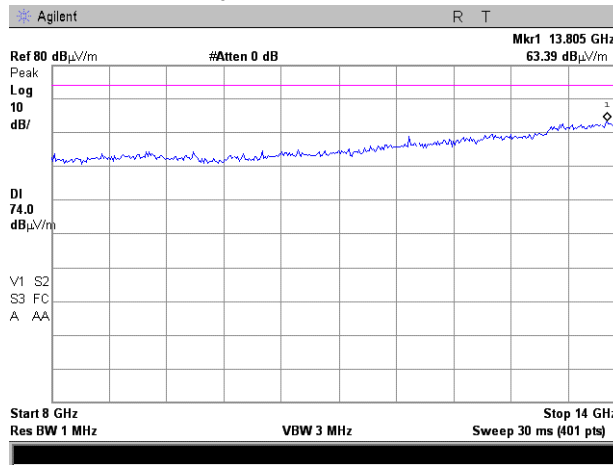
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 10MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

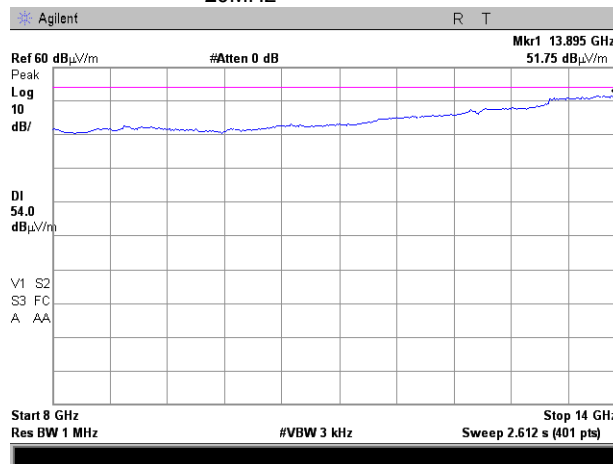
**Plot 7.4.443 Radiated emission measurements from 8 to 14 GHz at the high carrier frequency (5710MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20MHz



**Plot 7.4.444 Radiated emission measurements from 8 to 14 GHz at the high carrier frequency (5710MHz)**

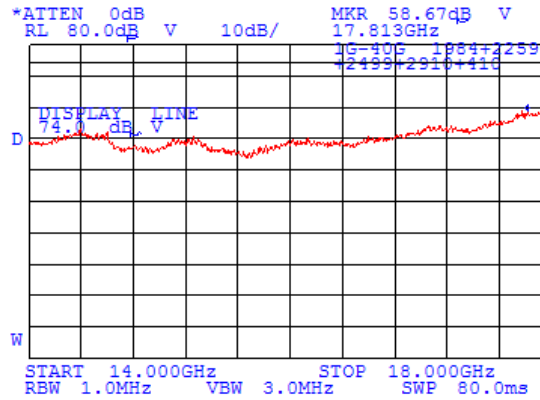
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 20MHz



<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

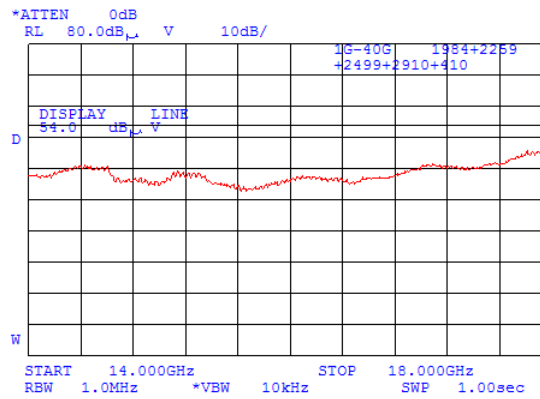
**Plot 7.4.445 Radiated emission measurements from 14 to 18 GHz at the high carrier frequency (5720MHz)**

TEST SITE: Semi Anechoic  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Peak  
EBW: 5MHz



**Plot 7.4.446 Radiated emission measurements from 14 to 18 GHz at the high carrier frequency (5720MHz)**

TEST SITE: Semi Anechoic  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Average  
EBW: 5MHz

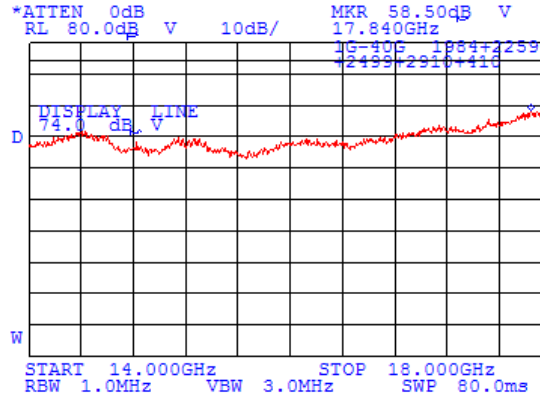




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

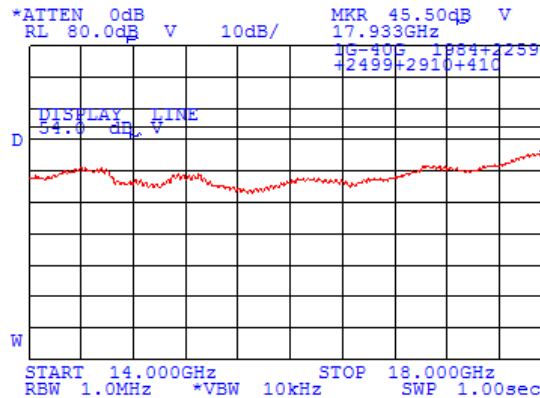
Plot 7.4.447 Radiated emission measurements from 14 to 18 GHz at the high carrier frequency (5715MHz)

TEST SITE: Semi Anechoic  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 10MHz



Plot 7.4.448 Radiated emission measurements from 14 to 18 GHz at the high carrier frequency (5715MHz)

TEST SITE: Semi Anechoic  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 10MHz

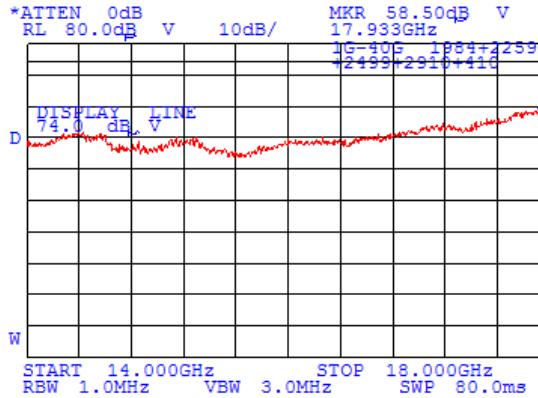




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

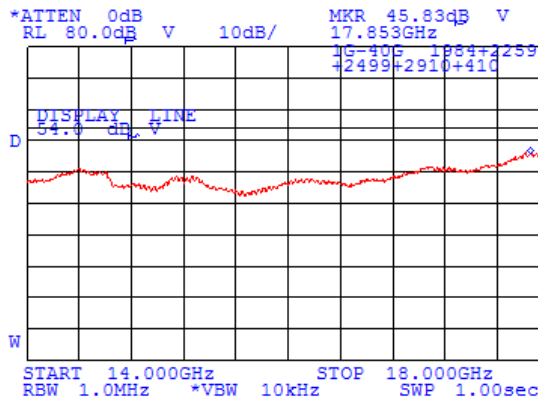
**Plot 7.4.449 Radiated emission measurements from 14 to 18 GHz at the high carrier frequency (5710MHz)**

TEST SITE: Semi Anechoic  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20MHz



**Plot 7.4.450 Radiated emission measurements from 14 to 18 GHz at the high carrier frequency (5710MHz)**

TEST SITE: Semi Anechoic  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 20MHz

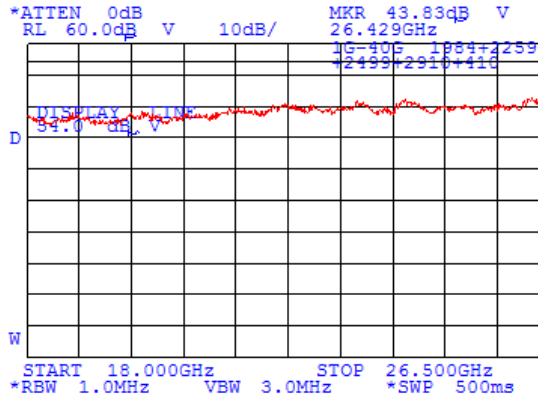




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

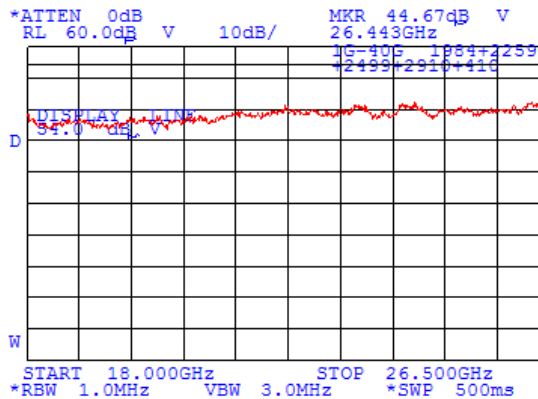
Plot 7.4.451 Radiated emission measurements from 18 to 26.5 GHz at the high carrier frequency (5720MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak under average limit  
 EBW: 5MHz



Plot 7.4.452 Radiated emission measurements from 18 to 26.5 GHz at the high carrier frequency (5715MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak under average limit  
 EBW: 10MHz



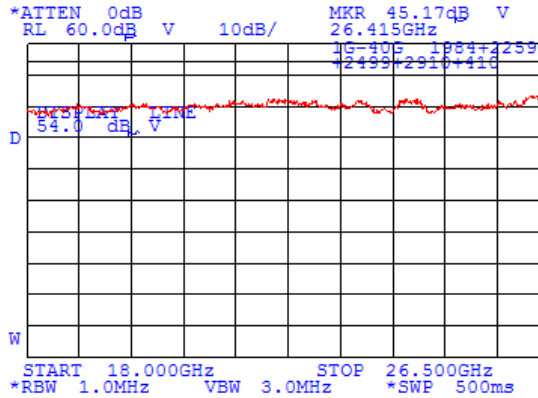




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

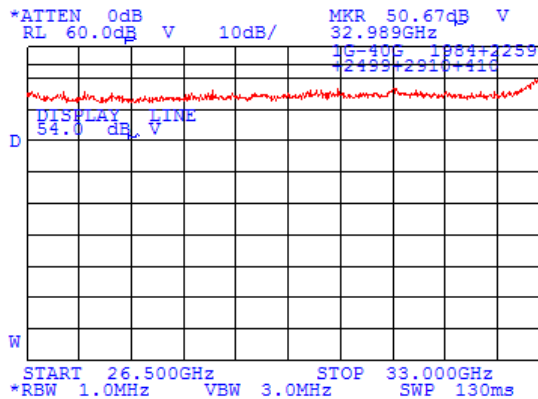
Plot 7.4.453 Radiated emission measurements from 18 to 26.5 GHz at the high carrier frequency (5710MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak under average limit  
 EBW: 20MHz



Plot 7.4.454 Radiated emission measurements from 26.5 to 33 GHz at the high carrier frequency (5720MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak under average limit  
 EBW: 5MHz

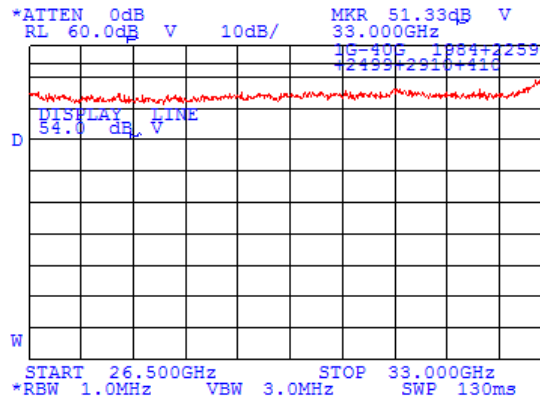




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

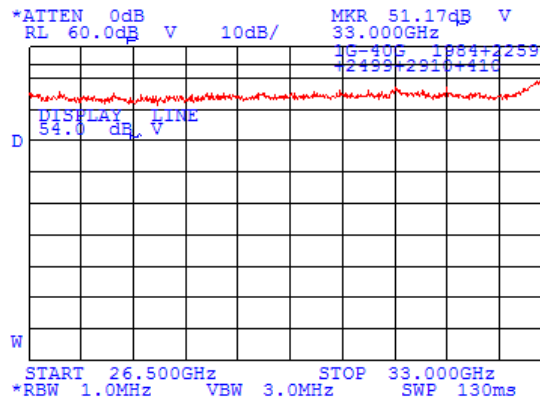
Plot 7.4.455 Radiated emission measurements from 26.5 to 33 GHz at the high carrier frequency (5715MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak under average limit  
 EBW: 10MHz



Plot 7.4.456 Radiated emission measurements from 26.5 to 33 GHz at the high carrier frequency (5710MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak under average limit  
 EBW: 20MHz

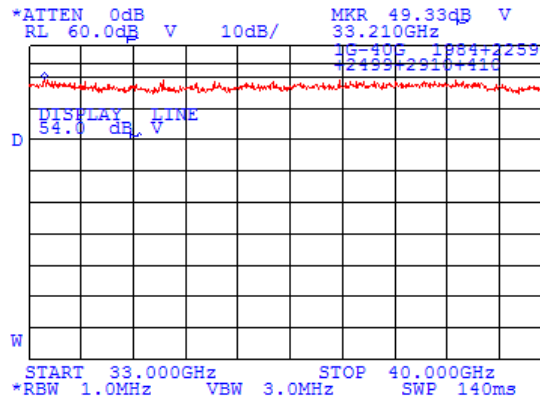




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

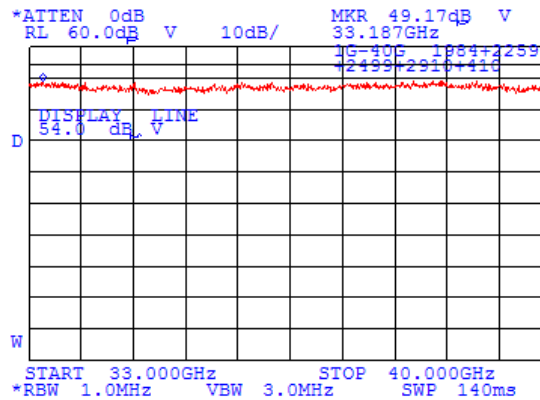
Plot 7.4.457 Radiated emission measurements from 33 to 40 GHz at the high carrier frequency (5720MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak under average limit  
 EBW: 5MHz



Plot 7.4.458 Radiated emission measurements from 33 to 40 GHz at the high carrier frequency (5715MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak under average limit  
 EBW: 10MHz

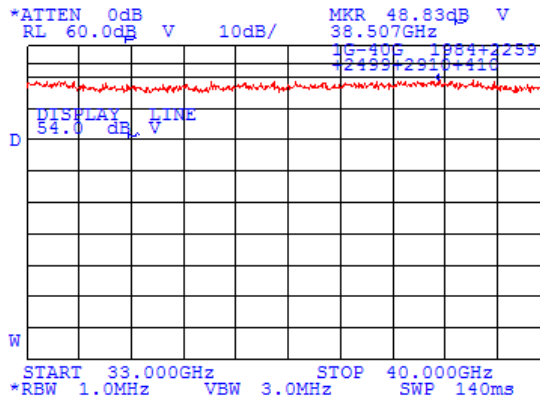




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

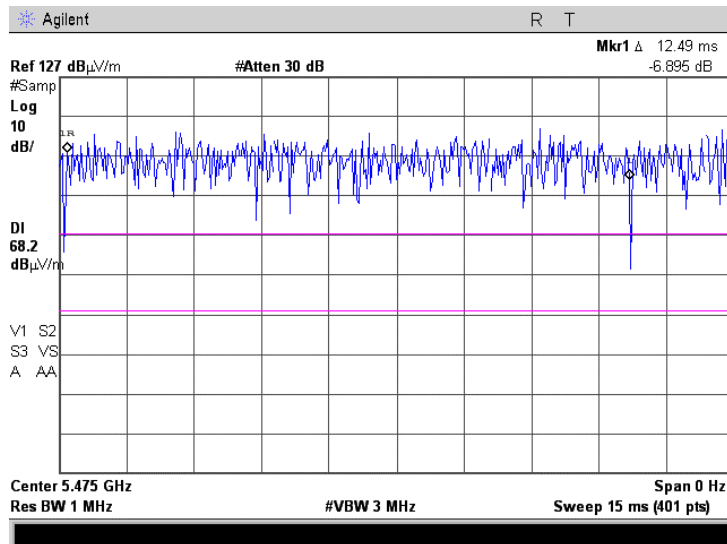
**Plot 7.4.459 Radiated emission measurements from 33 to 40 GHz at the high carrier frequency (5710MHz)**

TEST SITE: OATS  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Peak under average limit  
EBW: 20MHz

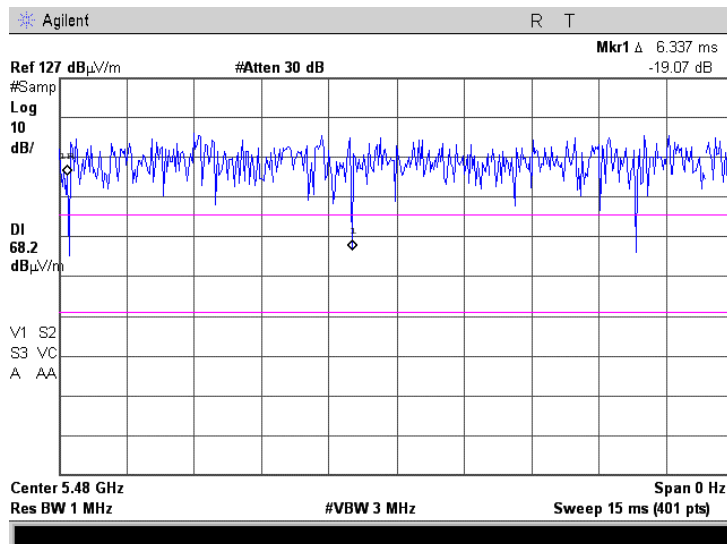


<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

Plot 7.4.460 TxON time for 5MHz channel BW (1.5 Mbps, BPSK)



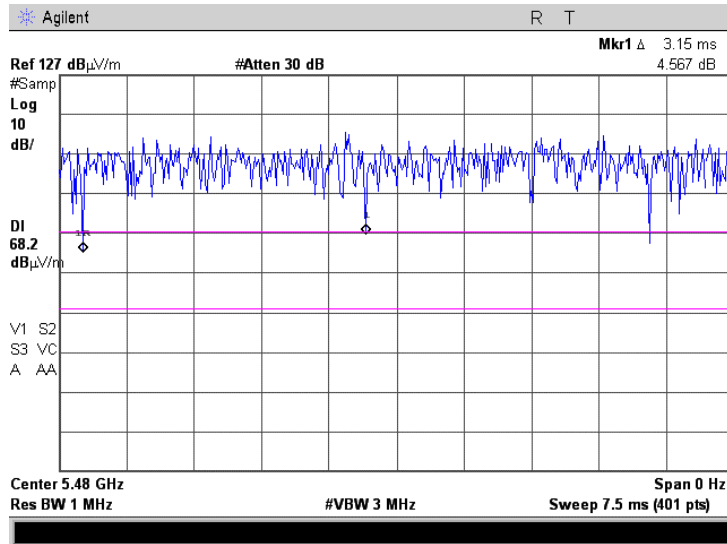
Plot 7.4.461 TxON time for 10MHz channel BW (3 Mbps, BPSK)





<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

Plot 7.4.462 TxON time for 20MHz channel BW (6 Mbps, BPSK)



<b>Test specification:</b>		<b>Section 15.407(g), RSS-210 Annex 9, section A9.5, Frequency stability</b>	
<b>Test procedure:</b>		Section 2.1055	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	8/12/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1013 hPa	<b>Relative Humidity:</b> 60 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b>			

## 7.5 Frequency stability test

### 7.5.1 General

This test was performed to measure frequency stability of transmitter RF carrier. Specification test limits are given in Table 7.5.1.

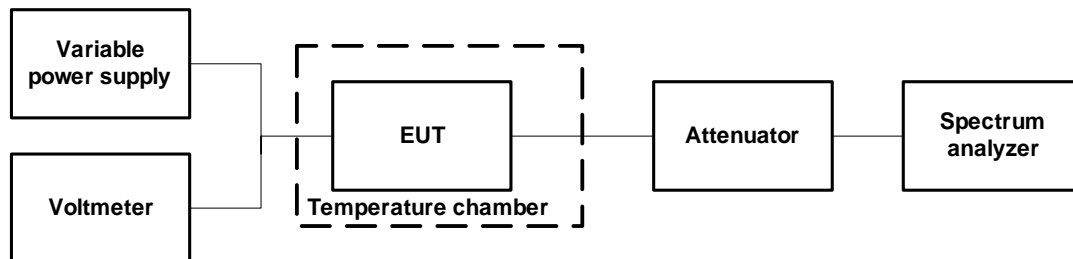
Table 7.5.1 Frequency stability limits

Assigned frequency band, MHz	Maximum allowed frequency displacement
5470 - 5725	Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the users manual

### 7.5.2 Test procedure

- 7.5.2.1 The EUT was set up as shown in Figure 7.5.1, energized and its proper operation was checked.
- 7.5.2.2 The EUT power was turned off. Temperature within test chamber was set to the required one and a period of time sufficient to stabilize all of the oscillator circuit components was allowed.
- 7.5.2.3 The EUT was powered on and carrier frequency was measured at start up moment and then after 2, 5 and 10 minutes. The EUT was powered off.
- 7.5.2.4 The above procedure was repeated at the rest of the test temperatures and voltages as provided in Table 7.5.2.
- 7.5.2.5 Frequency displacement was calculated and compared with the limit as provided in Table 7.5.2.

Figure 7.5.1 Frequency stability test setup





<b>Test specification:</b>	<b>Section 15.407(g), RSS-210 Annex 9, section A9.5, Frequency stability</b>		
<b>Test procedure:</b>	Section 2.1055		
<b>Test mode:</b>	Compliance	<b>Verdict: PASS</b>	
<b>Date:</b>	8/12/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1013 hPa	<b>Relative Humidity:</b> 60 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b>			

**Table 7.5.2 Frequency stability test results**

OPERATING FREQUENCY: 5470 - 5725 MHz  
 NOMINAL POWER VOLTAGE: 120 VAC  
 TEMPERATURE STABILIZATION PERIOD: 20 min  
 POWER DURING TEMPERATURE TRANSITION: Off  
 SPECTRUM ANALYZER MODE: Peak hold  
 RESOLUTION BANDWIDTH: 1000 kHz  
 VIDEO BANDWIDTH: 3 kHz  
 MODULATION: BPSK, 6Mbps

Temperature, °C	Voltage, V	Frequency, MHz				Max frequency drift, Hz		Verdict
		Start up	2 <sup>nd</sup> min	5 <sup>th</sup> min	10 <sup>th</sup> min	Positive	Negative	
<b>Low frequency:</b>								
-45	Nominal	5472.4138	5472.439	5472.4505	5472.4593	106050	0	Pass
20	Nominal +15%	5472.3477	5472.342	5472.3544	5472.3547	1400	11050	
20	Nominal	5472.3622	5472.342	5472.3540	5472.3533	8950	11100	
20	Nominal -15%	5472.3469	5472.343	5472.3536	5472.3526	350	10400	
60	Nominal	5472.1695	5472.227	5472.3147	5472.3145	0	183750	
<b>Mid frequency: (for FCC)</b>								
-45	Nominal	5592.446	5592.492	5592.5008	5592.5128	174300	0	Pass
20	Nominal +15%	5592.3456	5592.338	5592.3376	5592.3353	7100	3200	
20	Nominal	5592.3479	5592.338	5592.3388	5592.3385	9400	350	
20	Nominal -15%	5592.3469	5592.338	5592.3382	5592.3330	8400	5500	
60	Nominal	5592.2645	5592.284	5592.2935	5592.2978	0	74000	
<b>Mid frequency: (second for RSS)</b>								
-45	Nominal	5652.3887	5652.4300	5652.4462	5652.4533	124500	0	Pass
20	Nominal +15%	5652.3471	5652.3093	5652.3135	5652.3183	18300	19500	
20	Nominal	5652.3307	5652.3077	5652.3113	5652.3288	1850	21100	
20	Nominal -15%	5652.3653	5652.3217	5652.3130	5652.3178	36450	15800	
60	Nominal	5652.1740	5652.2258	5652.2307	5652.2378	0	154800	
<b>High frequency:</b>								
-45	Nominal	5717.5370	5717.5887	5717.5965	5717.6097	266400	0	Pass
20	Nominal +15%	5717.3378	5717.3418	5717.3430	5717.3417	0	5550	
20	Nominal	5717.3228	5717.3422	5717.3425	5717.3433	0	20550	
20	Nominal -15%	5717.3225	5717.3422	5717.3435	5717.3510	7700	20800	
60	Nominal	5717.2905	5717.3380	5717.3607	5717.3642	20900	52800	

The maximum frequency drift is 266.4 kHz. The band edges of the channel is at least 1850 kHz from either side of the band, the 266.4 kHz drift is more than sufficient to guarantee that the intentional emission will remain in the band over the entire operating range of the EUT.

**Reference numbers of test equipment used**

HL 2882	HL 2909	HL 3286					
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Full description is given in Appendix A.





<b>Test specification:</b> FCC Part 15, Section 203, Antenna requirements	
<b>Test procedure:</b> Visual inspection / supplier declaration	
<b>Test mode:</b> Compliance	<b>Verdict:</b> PASS
<b>Date:</b> 10/08/2007	
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa
<b>Relative Humidity:</b> 44 %	
<b>Power Supply:</b> 120 VAC	
<b>Remarks:</b>	

## 7.6 Antenna requirements

The EUT was verified for compliance with antenna requirements. A transmitter shall be designed to ensure that no antenna other than that furnished by the responsible party will be used with the device. It may be either permanently attached or employs a unique antenna connector for every antenna proposed for use with the EUT. This requirement does not apply to professionally installed transmitters.

The rationale for compliance with the above requirements was either visual inspection results or supplier declaration. The summary of results is provided in Table 7.6.1.

Table 7.6.1 Antenna requirements

Requirement	Rationale	Verdict
The transmitter antenna is permanently attached (integral)	Visual inspection	Comply
The transmitter employs a unique antenna connector	NA	
The transmitter requires professional installation (external)	Visual inspection	

**8 APPENDIX A Test equipment and ancillaries used for tests**

HL No	Description	Manufacturer	Model	Ser. No.	Last Cal.	Due Cal.
0446	Antenna, Loop, Active, 10 kHz - 30 MHz	EMCO	6502	2857	29-Jun-08	29-Jun-09
0521	EMI Receiver (Spectrum Analyzer) with RF filter section 9 kHz-6.5 GHz	Hewlett Packard Co	8546A	3617A 00319, 3448A002 53	28-Aug-07	28-Aug-08
0554	Amplifier, 2-18 GHz RF	Miteq	AFD4	104300	28-Feb-08	28-Feb-09
0589	Cable Coaxial, GORE A2P01POL118, 2.3 m, 6.5 GHz	Hermon Laboratories	GORE-3	176	01-Jan-08	01-Jan-09
0604	Antenna BiconiLog Log-Periodic/T Bow-TIE, 26 - 2000 MHz	EMCO	3141	9611-1011	10-Jan-08	10-Jan-09
1116	Antenna, Double-Ridged Waveguide Horn, 1-18 GHz	Hermon Laboratories	A1-18	186	03-Mar-08	03-Mar-09
1425	EMI Receiver, 9 kHz - 2.9 GHz, System: HL1426, HL1427	Agilent Technologies	8542E	3710A002 22, 3705A002 04	31-Aug-07	31-Aug-08
1556	Cable RF, 0.5 m	Telequis	MIL-C-17F-RG 058 CU	1556	01-Jan-08	01-Jan-09
1947	Cable 18GHz, 6.5 m, blue	Rhophase Microwave Limited	NPS-1803A-6500-NPS	T4974	05-Oct-07	05-Oct-08
1984	Antenna, Double-Ridged Waveguide Horn, 1-18 GHz, 300 W	EMC Test Systems	3115	9911-5964	03-Mar-08	03-Mar-09
2009	Cable RF, 8 m	Alpha Wire	RG-214	C-56	01-Jan-08	01-Jan-09
2432	Antenna, Double-Ridged Waveguide Horn 1-18 GHz	EMC Test Systems	3115	00027177	03-Mar-08	03-Mar-09
2871	Microwave Cable Assembly, 18 GHz, 6.4 m, SMA - SMA	Huber-Suhner	198-8155-00	2871	11-Feb-08	11-Feb-09
2882	Cable, 18 GHz N-type, M-F, 3 m	Bird	TC-MNFN-3.0	211539 001	11-Feb-08	11-Feb-09
2909	Spectrum analyzer, ESA-E, 100 Hz to 26.5 GHz	Agilent Technologies	E4407B	MY414447 62	07-May-07	07-May-09
3120	Microwave Cable Assembly, 18 GHz, 6.4 m, SMA - SMA	Huber-Suhner	198-9155-00	3120	13-Dec-07	13-Dec-08
3208	Cable 40GHz, 1.8 m	Gore	GOR245	05118338	10-Jun-08	10-Jun-09
3286	Temperature Chamber, (-40 to +170) °C	Thermotron	EL-8-CH-1-1-CO2	21-9048	17-Aug-08	17-Aug-09
3439	Precision Fixed Attenuator, 50 Ohm, 5 W, 20 dB, DC to 18 GHz	Mini-Circuits	BW-S20W5+	NA	09-Mar-08	09-Mar-09

## 9 APPENDIX B Measurement uncertainties

### Expanded uncertainty at 95% confidence in Hermon Labs EMC measurements

Test description	Expanded uncertainty
Conducted carrier power at RF antenna connector	Below 12.4 GHz: $\pm 1.7$ dB 12.4 GHz to 40 GHz: $\pm 2.3$ dB
Conducted emissions at RF antenna connector	9 kHz to 2.9 GHz: $\pm 2.6$ dB 2.9 GHz to 6.46 GHz: $\pm 3.5$ dB 6.46 GHz to 13.2 GHz: $\pm 4.3$ dB 13.2 GHz to 22.0 GHz: $\pm 5.0$ dB 22.0 GHz to 26.8 GHz: $\pm 5.5$ dB 26.8 GHz to 40.0 GHz: $\pm 4.8$ dB
Occupied bandwidth	$\pm 8.0$ %
Duty cycle, timing (Tx ON / OFF) and average factor measurements	$\pm 1.0$ %
Conducted emissions with LISN	9 kHz to 150 kHz: $\pm 3.9$ dB 150 kHz to 30 MHz: $\pm 3.8$ dB
Radiated emissions at 3 m measuring distance Horizontal polarization	Biconilog antenna: $\pm 5.3$ dB Biconical antenna: $\pm 5.0$ dB Log periodic antenna: $\pm 5.3$ dB Double ridged horn antenna: $\pm 5.3$ dB
Vertical polarization	Biconilog antenna: $\pm 6.0$ dB Biconical antenna: $\pm 5.7$ dB Log periodic antenna: $\pm 6.0$ dB Double ridged horn antenna: $\pm 6.0$ dB

Hermon Laboratories is accredited by A2LA for calibration according to present requirements of ISO/IEC 17025 and NCSL Z540-1. The accreditation is granted to perform calibration of parameters that are listed in the Scope of Hermon Laboratories Accreditation.

Hermon Laboratories calibrates its reference and transfer standards by calibration laboratories accredited to ISO/IEC 17025 by a mutually recognized Accreditation Body or by a recognized national metrology institute. All reference and transfer standards used in the calibration system are traceable to national or international standards.

In-house calibration of all test and measurement equipment is performed on a regular basis according to Hermon Laboratories calibration procedures, manufacturer calibration/verification procedures or procedures defined in the relevant standards. The Hermon Laboratories test and measurement equipment is calibrated within the tolerances specified by the manufacturers and/or by the relevant standards.

## 10 APPENDIX C Test laboratory description

Tests were performed at Hermon Laboratories Ltd., which is a fully independent, private, EMC, safety, environmental and telecommunication testing facility. Hermon Laboratories is listed by the Federal Communications Commission (USA) for all parts of Code of Federal Regulations 47 (CFR 47) and by Industry Canada for electromagnetic emissions (file numbers IC 2186-1 for OATS and IC 2186-2 for anechoic chamber), certified by VCCI, Japan (the registration numbers are R-808 for OATS, R-1082 for anechoic chamber, C-845 for conducted emissions site), assessed by TNO Certification EP&S (Netherlands) for a number of EMC, telecommunications, environmental, safety standards, and by AMTAC (UK) for safety of medical devices. The laboratory is accredited by American Association for Laboratory Accreditation (USA) according to ISO/IEC 17025 for electromagnetic compatibility, product safety, telecommunications testing and environmental simulation (for exact scope please refer to Certificate No. 839.01).

Address: P.O. Box 23, Binyamina 30500, Israel.  
Telephone: +972 4628 8001  
Fax: +972 4628 8277  
e-mail: mail@hermonlabs.com  
website: www.hermonlabs.com

Person for contact: Mr. Alex Usoskin, CEO.

## 11 APPENDIX D Specification references

47CFR part 15: 2007	Radio Frequency Devices.
FCC Public Notice DA 02-2138 August 30, 2002	Measurement procedure updated for peak transmit power in U-NII bands
ANSI C63.2: 1996	American National Standard for Instrumentation-Electromagnetic Noise and Field Strength, 10 kHz to 40 GHz-Specifications.
ANSI C63.4: 2003	American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz.
RSS-210 Issue 7: 2007	Low Power Licence- Exempt Radiocommunication Devices (All frequency bands), Category I Equipment
RSS-Gen Issue 2: 2007	General Requirements and Information for the Certification of Radiocommunication Equipment

12 APPENDIX E Test equipment correction factors

Antenna Factor  
Active Loop Antenna  
EMC Test Systems, model 6502, serial number 2857, HL 0446

Frequency, MHz	Magnetic Antenna Factor, dB(S/m)	Electric Antenna Factor, dB(1/m)
0.009	-32.8	18.7
0.010	-33.8	17.7
0.020	-38.3	13.2
0.050	-41.1	10.4
0.075	-41.3	10.2
0.100	-41.6	9.9
0.150	-41.7	9.8
0.250	-41.6	9.9
0.500	-41.8	9.7
0.750	-41.9	9.6
1.000	-41.4	10.1
2.000	-41.5	10.0
3.000	-41.4	10.1
4.000	-41.4	10.1
5.000	-41.5	10.0
10.000	-41.9	9.6
15.000	-41.9	9.6
20.000	-42.2	9.3
25.000	-42.8	8.7
30.000	-44.0	7.5

Antenna factor in dB(S/m) is to be added to receiver meter reading in dB( $\mu$ V) to convert it into field intensity in dB( $\mu$ A/m).

**Antenna factor**  
**Biconilog antenna EMCO, model 3141, serial number 1011, HL 0604**

Frequency, MHz	Antenna factor, dB(1/m)	Frequency, MHz	Antenna factor, dB(1/m)	Frequency, MHz	Antenna factor, dB(1/m)
26	7.8	560	19.8	1300	27.0
28	7.8	580	20.6	1320	27.8
30	7.8	600	21.3	1340	28.3
40	7.2	620	21.5	1360	28.2
60	7.1	640	21.2	1380	27.9
70	8.5	660	21.4	1400	27.9
80	9.4	680	21.9	1420	27.9
90	9.8	700	22.2	1440	27.8
100	9.7	720	22.2	1460	27.8
110	9.3	740	22.1	1480	28.0
120	8.8	760	22.3	1500	28.5
130	8.7	780	22.6	1520	28.9
140	9.2	800	22.7	1540	29.6
150	9.8	820	22.9	1560	29.8
160	10.2	840	23.1	1580	29.6
170	10.4	860	23.4	1600	29.5
180	10.4	880	23.8	1620	29.3
190	10.3	900	24.1	1640	29.2
200	10.6	920	24.1	1660	29.4
220	11.6	940	24.0	1680	29.6
240	12.4	960	24.1	1700	29.8
260	12.8	980	24.5	1720	30.3
280	13.7	1000	24.9	1740	30.8
300	14.7	1020	25.0	1760	31.1
320	15.2	1040	25.2	1780	31.0
340	15.4	1060	25.4	1800	30.9
360	16.1	1080	25.6	1820	30.7
380	16.4	1100	25.7	1840	30.6
400	16.6	1120	26.0	1860	30.6
420	16.7	1140	26.4	1880	30.6
440	17.0	1160	27.0	1900	30.6
460	17.7	1180	27.0	1920	30.7
480	18.1	1200	26.7	1940	30.9
500	18.5	1220	26.5	1960	31.2
520	19.1	1240	26.5	1980	31.6
540	19.5	1260	26.5	2000	32.0
		1280	26.6		

Antenna factor in dB(1/m) is to be added to receiver meter reading in dB( $\mu$ V) to convert it into field intensity in dB( $\mu$ V/m).

**Antenna factor**  
**Double-ridged wave guide horn antenna**  
**EMC Test Systems, model 3115, serial no: 9911-5964, HL 1984**

Frequency, MHz	Antenna gain, dBi	Antenna factor. dB(1/m)
1000.0	5.8	24.5
1500.0	9.0	24.8
2000.0	8.6	27.7
2500.0	9.5	28.7
3000.0	8.9	30.8
3500.0	8.2	32.9
4000.0	9.6	32.7
4500.0	11.2	32.1
5000.0	10.6	33.6
5500.0	9.8	35.3
6000.0	10.1	35.7
6500.0	10.7	35.8
7000.0	10.9	36.2
7500.0	10.5	37.2
8000.0	11.1	37.2
8500.0	10.8	38.1
9000.0	10.7	38.6
9500.0	11.5	38.3
10000.0	11.8	38.4
10500.0	12.3	38.3
11000.0	12.3	38.8
11500.0	11.5	39.9
12000.0	12.2	39.6
12500.0	12.6	39.5
13000.0	12.0	40.5
13500.0	11.7	41.1
14000.0	11.7	41.5
14500.0	12.7	40.8
15000.0	14.2	39.5
15500.0	16.0	38.1
16000.0	16.2	38.1
16500.0	14.5	40.1
17000.0	12.2	42.6
17500.0	9.7	45.4
18000.0	6.6	48.7

Antenna factor is to be added to receiver meter reading in dB( $\mu$ V) to convert it into field intensity in dB( $\mu$ V/m).

**Antenna factor  
Double-ridged guide horn antenna  
Model 3115, serial number: 00027177, HL 2432**

Frequency, MHz	Antenna factor. dB(1/m)
1000.0	24.7
1500.0	25.7
2000.0	27.8
2500.0	28.9
3000.0	30.7
3500.0	31.8
4000.0	33.0
4500.0	32.8
5000.0	34.2
5500.0	34.9
6000.0	35.2
6500.0	35.4
7000.0	36.3
7500.0	37.3
8000.0	37.5
8500.0	38.0
9000.0	38.3
9500.0	38.3
10000.0	38.7
10500.0	38.7
11000.0	38.9
11500.0	39.5
12000.0	39.5
12500.0	39.4
13000.0	40.5
13500.0	40.8
14000.0	41.5
14500.0	41.3
15000.0	40.2
15500.0	38.7
16000.0	38.5
16500.0	39.8
17000.0	41.9
17500.0	45.8
18000.0	49.1

Antenna factor in dB(1/m) is to be added to receiver meter reading in dB( $\mu$ V) to convert it into field intensity in dB( $\mu$ V/m).



**Cable loss**  
Cable Coaxial, GORE A2P01POL118, 2.3 m, model:GORE-3, HL 0589  
+ Cable Coaxial, ANDREW PSWJ4, 6m, model: ANDREW-6, HL 1004

No.	Frequency, MHz	Cable loss, dB	Tolerance (Specification), dB	Measurement uncertainty, dB
1	30	0.33	≤ 6.5	±0.12
2	50	0.40		
3	100	0.57		
4	300	0.97		
5	500	1.25		
6	800	1.59		
7	1000	1.81		
8	1200	1.97		
9	1400	2.15		
10	1600	2.28		
11	1800	2.43		
12	2000	2.61		
13	2200	2.75		
14	2400	2.89		
15	2600	2.97		
16	2800	3.21	≤ 6.5	±0.12
17	3000	3.32		
18	3300	3.47		
19	3600	3.62		
20	3900	3.84		
21	4200	3.92		
22	4500	4.07		±0.17
23	4800	4.36		
24	5100	4.62		
25	5400	4.78		
26	5700	5.16		
27	6000	5.67		
28	6500	5.99		



**Cable loss**  
Cable RF, 2m, model: Sucoflex 104PE, S/N 13094/4PE, HL 1566

No.	Frequency, MHz	Cable loss, dB	Tolerance, dB	Measurement uncertainty, dB
1	30	0.10	≤ 5.0	±0.12
2	50	0.13		
3	100	0.20		
4	300	0.33		
5	500	0.45		
6	800	0.60		
7	1000	0.65		
8	1500	0.91		
9	2000	1.08		
10	2500	1.19		
11	3000	1.28		
12	3500	1.49		
13	4000	1.63		
14	4500	1.63	≤ 5.0	±0.17
15	5000	1.66		
16	5500	1.88		
17	6000	1.96		
18	6500	1.93		
19	7000	2.07		
20	7500	2.37		
21	8000	2.34		
22	8500	2.64		
23	9000	2.68		
24	9500	2.64		
25	10000	2.70		
26	10500	2.84		
27	11000	2.88		
28	11500	3.19		
29	12000	3.15		
30	12500	3.20	≤ 5.0	±0.26
31	13000	3.22		
32	13500	3.47		
33	14000	3.41		
34	14500	3.59		
35	15000	3.79		
36	15500	4.24		
37	16000	4.12		
38	16500	4.46		
39	17000	4.50		
40	17500	4.49		
41	18000	4.45		

**Cable loss**  
**Cable 18 GHz, 6.5 m, blue, model: NPS-1803A-6500-NPS, S/N T4974, HL 1947**

Frequency, GHz	Cable loss, dB
0.03	0.30
0.05	0.38
0.10	0.53
0.20	0.74
0.30	0.91
0.40	1.05
0.50	1.18
0.60	1.29
0.70	1.40
0.80	1.50
0.90	1.59
1.00	1.68
1.10	1.77
1.20	1.86
1.30	1.94
1.40	2.01
1.50	2.08
1.60	2.16
1.70	2.22
1.80	2.29
1.90	2.36
2.00	2.42
2.10	2.48
2.20	2.54
2.30	2.60
2.40	2.66
2.50	2.71
2.60	2.77
2.70	2.83
2.80	2.89
2.90	2.95
3.10	3.06
3.30	3.17
3.50	3.28
3.70	3.39
3.90	3.51
4.10	3.62
4.30	3.76
4.50	3.87
4.70	4.01
4.90	4.10
5.10	4.21
5.30	4.31
5.50	4.43
5.70	4.56
5.90	4.71

Frequency, GHz	Cable loss, dB
6.10	4.87
6.30	4.95
6.50	4.94
6.70	4.88
6.90	4.87
7.10	4.83
7.30	4.85
7.50	4.86
7.70	4.91
7.90	4.96
8.10	5.03
8.30	5.08
8.50	5.13
8.70	5.21
8.90	5.22
9.10	5.34
9.30	5.35
9.50	5.52
9.70	5.51
9.90	5.66
10.10	5.70
10.30	5.78
10.50	5.79
10.70	5.82
10.90	5.86
11.10	5.94
11.30	6.06
11.50	6.21
11.70	6.44
11.90	6.61
12.10	6.76
12.40	6.68
13.00	6.66
13.50	6.81
14.00	6.90
14.50	6.90
15.00	6.97
15.50	7.17
16.00	7.28
16.50	7.27
17.00	7.38
17.50	7.68
18.00	7.92



**Cable loss**  
**RF cable 8 m, model RG-214, HL 2009**

No.	Frequency, MHz	Cable loss, dB	Tolerance (Specification), dB	Measurement uncertainty, dB
1	1	0.10	NA	±0.12
2	10	0.14		
3	30	0.25		
4	50	0.34		
5	100	0.53		
6	300	0.99		
7	500	1.31		
8	800	1.73		
9	1000	1.98		
10	1100	2.11		
11	1200	2.21		
12	1300	2.35		
13	1400	2.46		
14	1500	2.55		
15	1600	2.68		
16	1700	2.78		
17	1800	2.88		
18	1900	2.98		
19	2000	3.09		

**Cable loss**  
Cable coaxial, Huber-Suhner, 18 GHz, 6.4 m, SMA - SMA, model 198-8155-00,  
HL 2871

Frequency, MHz	Cable loss, dB	Frequency, MHz	Cable loss, dB	Frequency, MHz	Cable loss, dB
10	0.12	5750	2.34	12000	3.55
30	0.14	6000	2.39	12250	3.61
100	0.27	6250	2.46	12500	3.67
250	0.45	6500	2.52	12750	3.74
500	0.63	6750	2.58	13000	3.79
750	0.76	7000	2.64	13250	3.82
1000	0.89	7250	2.68	13500	3.83
1250	1.01	7500	2.73	13750	3.83
1500	1.12	7750	2.78	14000	3.88
1750	1.23	8000	2.83	14250	3.93
2000	1.32	8250	2.88	14500	3.96
2250	1.41	8500	2.94	14750	4.01
2500	1.49	8750	2.97	15000	4.00
2750	1.58	9000	3.02	15250	4.01
3000	1.66	9250	3.07	15500	4.00
3250	1.73	9500	3.13	15750	4.13
3500	1.80	9750	3.18	16000	4.22
3750	1.87	10000	3.21	16250	4.29
4000	1.93	10250	3.26	16500	4.29
4250	2.01	10500	3.30	16750	4.32
4500	2.06	10750	3.36	17000	4.37
4750	2.12	11000	3.39	17250	4.45
5000	2.17	11250	3.44	17500	4.49
5250	2.24	11500	3.48	17750	4.53
5500	2.29	11750	3.52	18000	4.55



**Cable loss**  
**Cable coaxial, Bird, 18 GHz, N-type, M-F, model TC-MNFN-3.0, S/N 211539 001**  
**HL 2882**

Frequency, GHz	Cable loss, dB	Frequency, GHz	Cable loss, dB	Frequency, GHz	Cable loss, dB
10	0.08	5750	1.78	12000	2.57
30	0.12	6000	1.84	12250	2.62
100	0.22	6250	1.87	12500	2.66
250	0.35	6500	1.92	12750	2.68
500	0.49	6750	1.96	13000	2.67
750	0.60	7000	2.01	13250	2.75
1000	0.68	7250	2.08	13500	2.77
1250	0.78	7500	2.12	13750	2.90
1500	0.85	7750	2.19	14000	3.00
1750	0.92	8000	2.22	14250	3.12
2000	0.98	8250	2.28	14500	2.98
2250	1.06	8500	2.29	14750	3.03
2500	1.11	8750	2.27	15000	2.99
2750	1.19	9000	2.28	15250	2.99
3000	1.25	9250	2.26	15500	2.98
3250	1.30	9500	2.29	15750	2.98
3500	1.34	9750	2.33	16000	2.99
3750	1.40	10000	2.34	16250	3.05
4000	1.45	10250	2.41	16500	3.11
4250	1.51	10500	2.46	16750	3.18
4500	1.54	10750	2.48	17000	3.23
4750	1.59	11000	2.48	17250	3.21
5000	1.63	11250	2.52	17500	3.22
5250	1.68	11500	2.53	17750	3.22
5500	1.72	11750	2.56	18000	3.25

**Cable loss**  
**Cable coaxial, GORE-TEX, GOR245, 40 GHz, 1.8 m, SMA-SMA, S/N 05118338**  
**HL 3208**

Frequency, MHz	Cable loss, dB	Frequency, MHz	Cable loss, dB	Frequency, MHz	Cable loss, dB	Frequency, MHz	Cable loss, dB	Frequency, MHz	Cable loss, dB
10	0.18	5000	2.25	10200	3.30	15500	4.08	31500	5.80
30	0.18	5100	2.26	10300	3.30	15600	4.15	32000	5.79
50	0.21	5200	2.30	10400	3.31	15700	4.13	32500	5.78
100	0.30	5300	2.31	10500	3.30	15800	4.13	33000	5.91
200	0.42	5400	2.35	10600	3.34	15900	4.17	33500	5.94
300	0.53	5500	2.36	10700	3.36	16000	4.18	34000	5.97
400	0.61	5600	2.40	10800	3.40	16100	4.26	34500	6.05
500	0.68	5700	2.41	10900	3.45	16200	4.23	35000	6.09
600	0.76	5800	2.45	11000	3.42	16300	4.22	35500	6.13
700	0.82	5900	2.45	11100	3.47	16400	4.27	36000	6.22
800	0.88	6000	2.48	11200	3.46	16500	4.25	36500	6.23
900	0.93	6100	2.50	11300	3.48	16600	4.28	37000	6.30
1000	0.98	6200	2.52	11400	3.52	16700	4.32	37500	6.41
1100	1.04	6300	2.55	11500	3.52	16800	4.35	38000	6.42
1200	1.08	6400	2.56	11600	3.56	16900	4.34	38500	6.39
1300	1.12	6500	2.59	11700	3.54	17000	4.36	39000	6.55
1400	1.17	6600	2.60	11800	3.58	17100	4.39	39500	6.58
1500	1.21	6700	2.62	11900	3.61	17200	4.40	40000	6.65
1600	1.25	6800	2.64	12000	3.67	17300	4.37		
1700	1.30	6900	2.66	12100	3.61	17400	4.45		
1800	1.34	7000	2.70	12200	3.65	17500	4.39		
1900	1.37	7100	2.73	12300	3.64	17600	4.44		
2000	1.39	7200	2.74	12400	3.65	17700	4.45		
2100	1.42	7300	2.74	12500	3.67	17800	4.49		
2200	1.46	7400	2.75	12600	3.69	17900	4.53		
2300	1.49	7500	2.77	12700	3.71	18000	4.49		
2400	1.52	7600	2.81	12800	3.69	18500	4.61		
2500	1.55	7700	2.83	12900	3.71	19000	4.63		
2600	1.59	7800	2.88	13000	3.74	19500	4.67		
2700	1.62	7900	2.89	13100	3.75	20000	4.69		
2800	1.67	8000	2.89	13200	3.76	20500	4.82		
2900	1.68	8100	2.89	13300	3.78	21000	4.88		
3000	1.71	8200	2.92	13400	3.78	21500	5.00		
3100	1.74	8300	2.97	13500	3.83	22000	5.08		
3200	1.77	8400	2.99	13600	3.90	22500	5.03		
3300	1.80	8500	3.04	13700	3.88	23000	5.11		
3400	1.84	8600	3.04	13800	3.91	23500	5.06		
3500	1.85	8700	3.03	13900	3.88	24000	5.12		
3600	1.89	8800	3.04	14000	3.89	24500	5.23		
3700	1.92	8900	3.08	14100	3.95	25000	5.38		
3800	1.94	9000	3.09	14200	3.97	25500	5.39		
3900	1.96	9100	3.15	14300	4.08	26000	5.45		
4000	2.00	9200	3.14	14400	3.98	26500	5.48		
4100	2.03	9300	3.14	14600	3.96	27000	5.42		
4200	2.05	9400	3.15	14700	4.00	27500	5.49		
4300	2.07	9500	3.17	14800	4.01	28000	5.57		
4400	2.09	9600	3.20	14900	4.04	28500	5.58		
4500	2.14	9700	3.19	15000	4.10	29000	5.59		
4600	2.15	9800	3.19	15100	4.08	29500	5.56		
4700	2.18	9900	3.21	15200	4.07	30000	5.69		
4800	2.20	10000	3.23	15300	4.09	30500	5.73		
4900	2.23	10100	3.26	15400	4.13	31000	5.81		

### 13 APPENDIX F Abbreviations and acronyms

A	ampere
AC	alternating current
A/m	ampere per meter
AM	amplitude modulation
AVRG	average (detector)
cm	centimeter
dB	decibel
dBm	decibel referred to one milliwatt
dB( $\mu$ V)	decibel referred to one microvolt
dB( $\mu$ V/m)	decibel referred to one microvolt per meter
dB( $\mu$ A)	decibel referred to one microampere
dB $\Omega$	decibel referred to one Ohm
DC	direct current
DTS	digital transmission system
EIRP	equivalent isotropically radiated power
ERP	effective radiated power
EUT	equipment under test
F	frequency
FHSS	frequency hopping spread spectrum
GHz	gigahertz
GND	ground
H	height
HL	Hermon laboratories
Hz	hertz
ITE	information technology equipment
k	kilo
kHz	kilohertz
LISN	line impedance stabilization network
LO	local oscillator
m	meter
MHz	megahertz
min	minute
mm	millimeter
ms	millisecond
$\mu$ s	microsecond
NA	not applicable
NT	not tested
OATS	open area test site
$\Omega$	Ohm
PCB	printed circuit board
PM	pulse modulation
PS	power supply
ppm	part per million ( $10^{-6}$ )
QP	quasi-peak
RE	radiated emission
RF	radio frequency
rms	root mean square
Rx	receive
s	second
T	temperature
Tx	transmit
V	volt
VA	volt-ampere

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