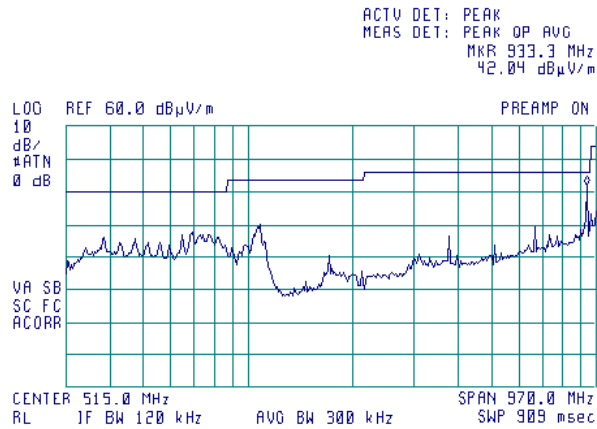




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air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

Plot 7.4.9 Radiated emission measurements from 30 to 1000 MHz at the low carrier frequency (5262.5 MHz)

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



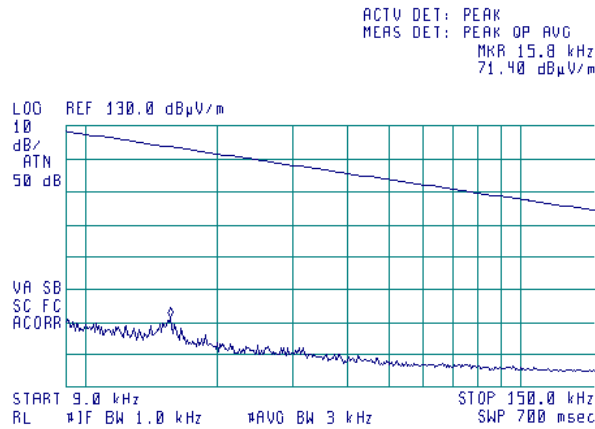
Note: all spurious from digital part of EUT.



<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 internal antenna, measurements below 1 GHz			

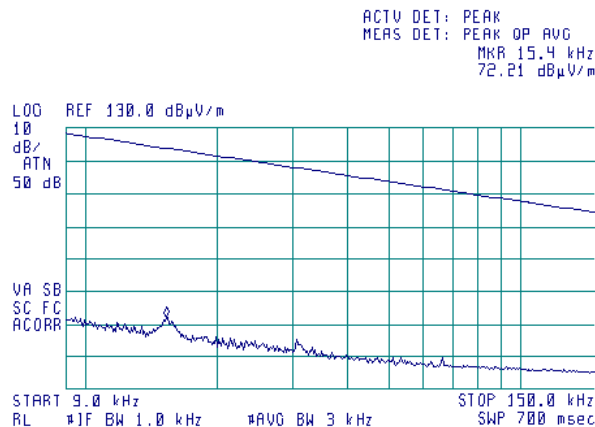
Plot 7.4.10 Radiated emission measurements from 9 to 150 kHz at the mid carrier frequency (5300 MHz)

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



Plot 7.4.11 Radiated emission measurements from 9 to 150 kHz at the mid carrier frequency (5300 MHz)

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

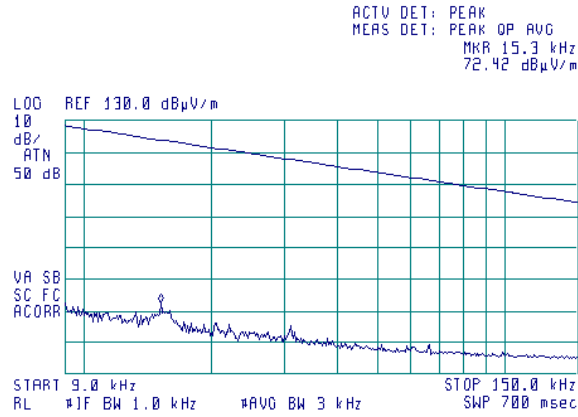




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure: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

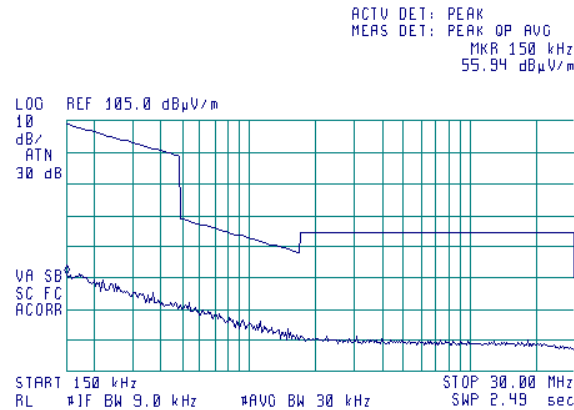
Plot 7.4.12 Radiated emission measurements from 9 to 150 kHz at the mid carrier frequency (5300 MHz)

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



Plot 7.4.13 Radiated emission measurements from 0.15 to 30 MHz at the mid carrier frequency (5300 MHz)

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

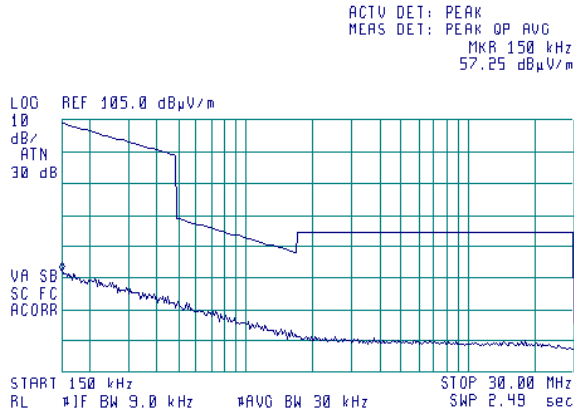




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure: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

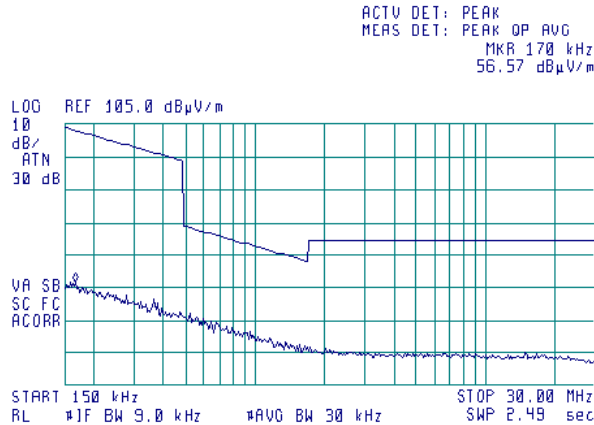
Plot 7.4.14 Radiated emission measurements from 0.15 to 30 MHz at the mid carrier frequency (5300 MHz)

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



Plot 7.4.15 Radiated emission measurements from 0.15 to 30 MHz at the mid carrier frequency (5300 MHz)

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

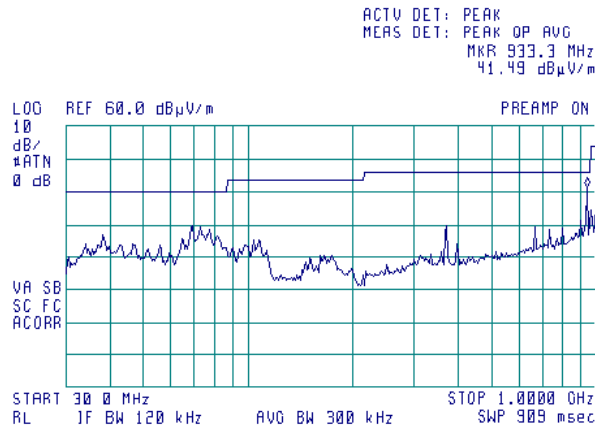




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure: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

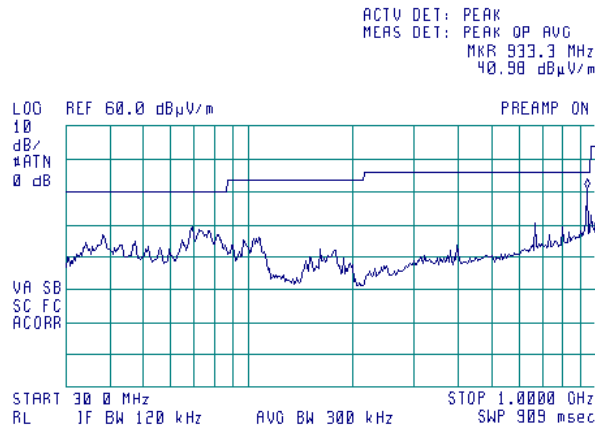
Plot 7.4.16 Radiated emission measurements from 30 to 1000 MHz at the mid carrier frequency (5300 MHz)

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



Plot 7.4.17 Radiated emission measurements from 30 to 1000 MHz at the mid carrier frequency (5300 MHz)

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

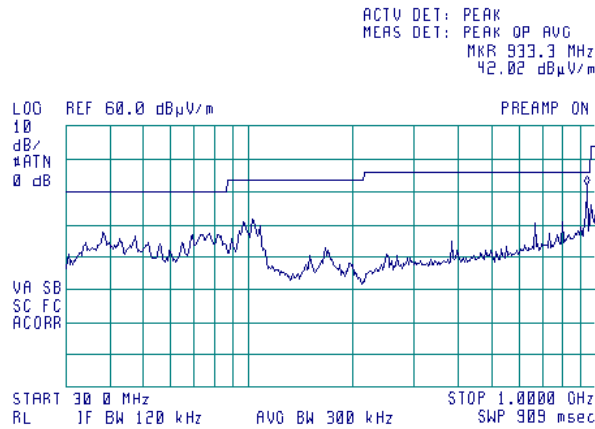




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure: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

Plot 7.4.18 Radiated emission measurements from 30 to 1000 MHz at the mid carrier frequency (5300 MHz)

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



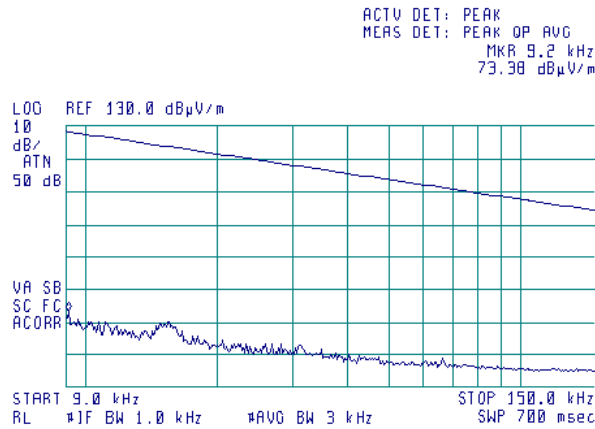
Note: all spurious from digital part of EUT.



<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 internal antenna, measurements below 1 GHz			

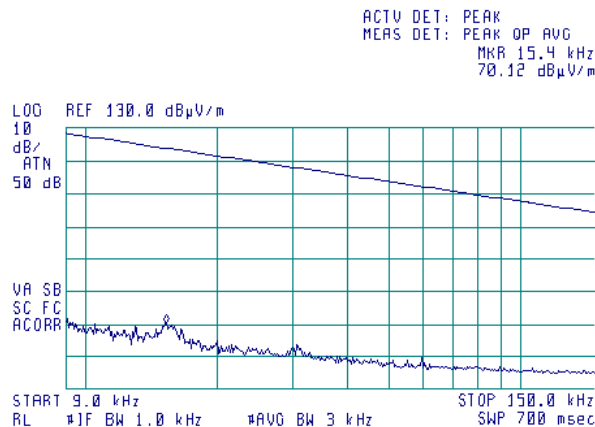
Plot 7.4.19 Radiated emission measurements from 9 to 150 kHz at the high carrier frequency (5345 MHz)

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



Plot 7.4.20 Radiated emission measurements from 9 to 150 kHz at the high carrier frequency (5340 MHz)

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

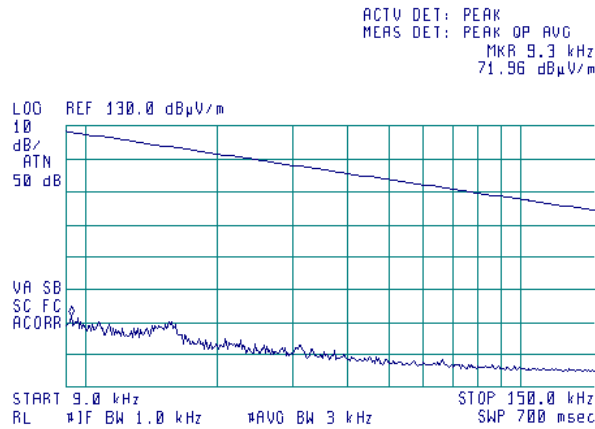




<b>Test specification:</b> Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions			
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance	<b>Verdict:</b> PASS		
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure: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

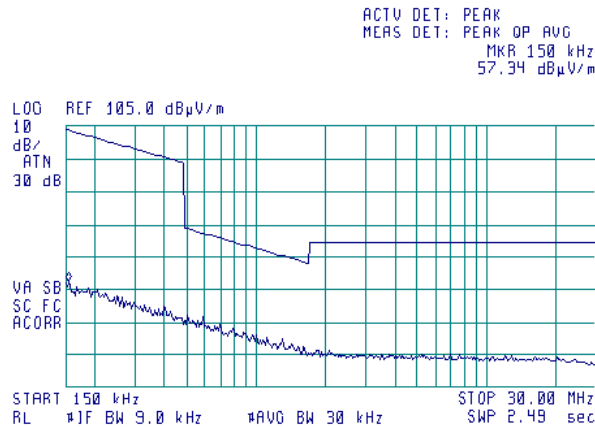
Plot 7.4.21 Radiated emission measurements from 9 to 150 kHz at the high carrier frequency (5332.5 MHz)

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



Plot 7.4.22 Radiated emission measurements from 0.15 to 30 MHz at the high carrier frequency (5345 MHz)

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



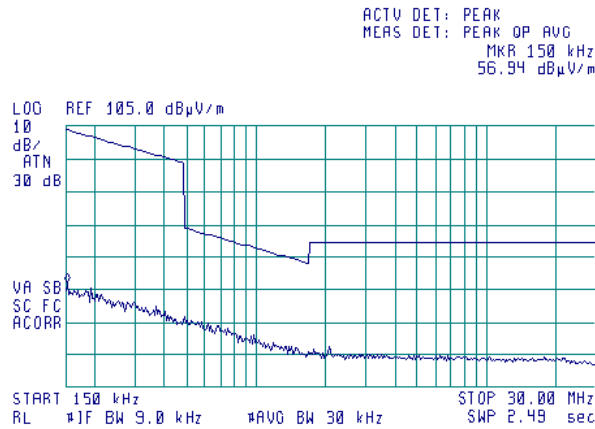




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure: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

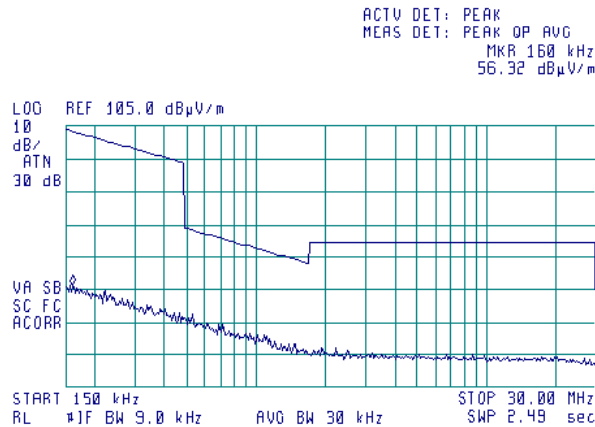
Plot 7.4.23 Radiated emission measurements from 0.15 to 30 MHz at the high carrier frequency (5340 MHz)

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



Plot 7.4.24 Radiated emission measurements from 0.15 to 30 MHz at the high carrier frequency (5332.5 MHz)

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

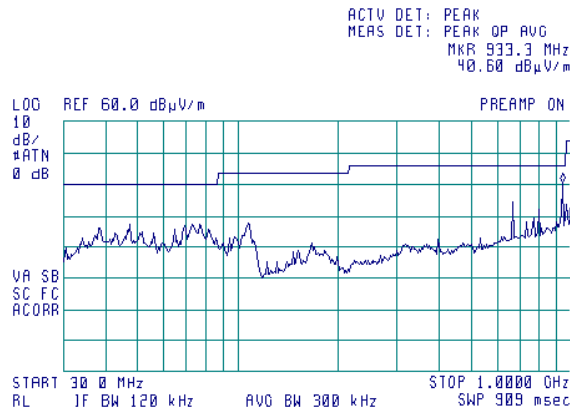




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure: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

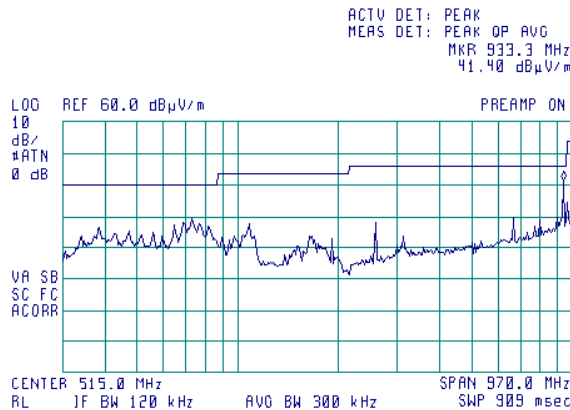
Plot 7.4.25 Radiated emission measurements from 30 to 1000 MHz at the high carrier frequency (5345 MHz)

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



Plot 7.4.26 Radiated emission measurements from 30 to 1000 MHz at the high carrier frequency (5340 MHz)

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

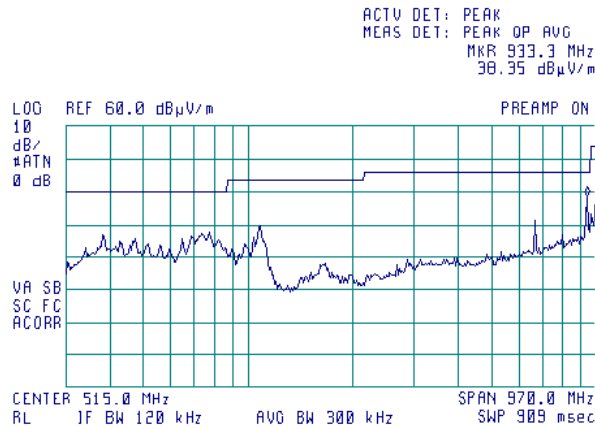




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure: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

Plot 7.4.27 Radiated emission measurements from 30 to 1000 MHz at the high carrier frequency (5332.5 MHz)

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> 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			

Table 7.4.4 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  
 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: "2 dBm" at 5 MHz channel bandwidth  
 "5 dBm" at 10 MHz channel bandwidth  
 "8 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)			Antenna polariz.	Antenna 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>											
5255	1066.67	49.10	74.0	-24.9	41.48	54.00	-12.52	Vertical	1.2	60	Pass
5255	5120.0	60.00	74.0	-14.0	50.01	54.00	-3.99	Vertical	1.1	0	
5300	1066.7	49.50	74.0	-24.5	41.70	54.00	-12.30	Vertical	1.1	90	
5300	5120.0	60.30	74.0	-13.7	50.19	54.00	-3.81	Vertical	1.1	0	
5345	1066.63	49.10	74.0	-24.9	41.48	54.00	-12.52	Vertical	1.2	60	
5345	5120.0	59.90	74.0	-14.1	49.52	54.00	-4.48	Vertical	1.1	0	
<b>10 MHz channel bandwidth</b>											
5257.5	1066.67	49.10	74.0	-24.9	40.94	54.00	-4.06	Vertical	1.2	60	Pass
5257.5	5120.0	60.30	74.0	-13.6	49.73	54.00	-4.27	Vertical	1.1	0	
5300	1066.6	49.20	74.0	-24.8	41.70	54.00	-12.30	Vertical	1.1	90	
5300	5120.0	61.00	74.0	-13.0	50.49	54.00	-3.51	Vertical	1.1	0	
5340	1066.67	49.30	74.0	-24.7	40.92	54.00	-13.08	Vertical	1.2	60	
5340	5120.0	60.40	74.0	-13.6	50.07	54.00	-3.93	Vertical	1.1	0	
<b>20 MHz channel bandwidth</b>											
5262.5	1066.67	49.50	74.0	-24.5	41.36	54.00	-12.64	Vertical	1.2	60	Pass
5262.5	5120.0	59.20	74.0	-14.8	49.39	54.00	-4.61	Vertical	1.1	0	
5300	1066.33	49.30	74.0	-24.7	41.70	54.00	-12.30	Vertical	1.1	90	
5300	5120.0	60.50	74.0	-13.5	49.94	54.00	-4.06	Vertical	1.1	0	
5332.5	1066.60	49.20	74.0	-24.8	41.17	54.00	-12.83	Vertical	1.2	60	
5332.5	5120.03	59.93	74.0	-14.1	48.98	54.00	-5.02	Vertical	1.0	0	
5332.5	1066.67	49.50	74.0	-24.5	41.36	54.00	-12.64	Vertical	1.2	60	

\*- Margin = Measured emission – specification limit.

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



<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			

Table 7.4.5 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	

## 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						

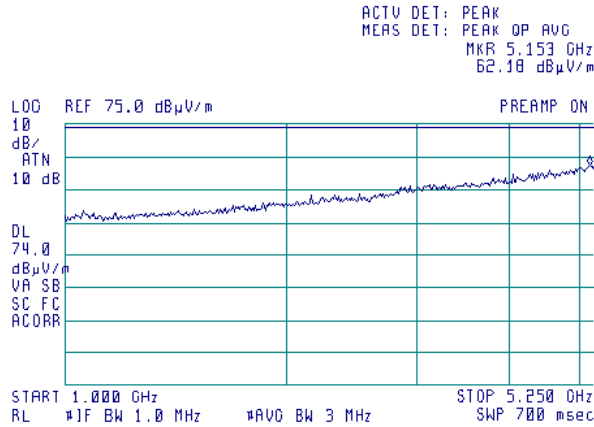
Full description is given in Appendix A.



<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 internal antenna, measurements above 1 GHz			

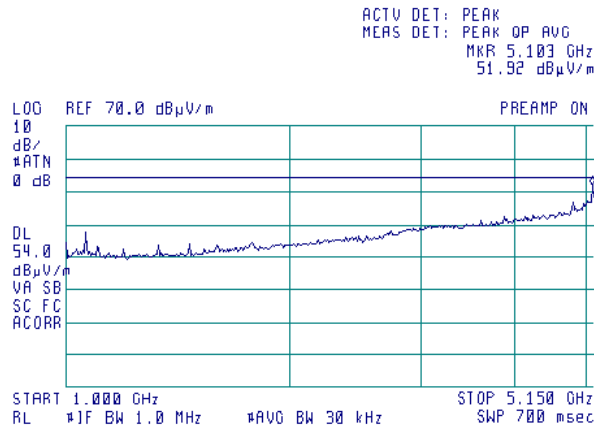
Plot 7.4.28 Radiated emission measurements from 1.0 to 5.15 GHz at the low carrier frequency (5255 MHz)

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



Plot 7.4.29 Radiated emission measurements from 1.0 to 5.15 GHz at the low carrier frequency (5255 MHz)

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

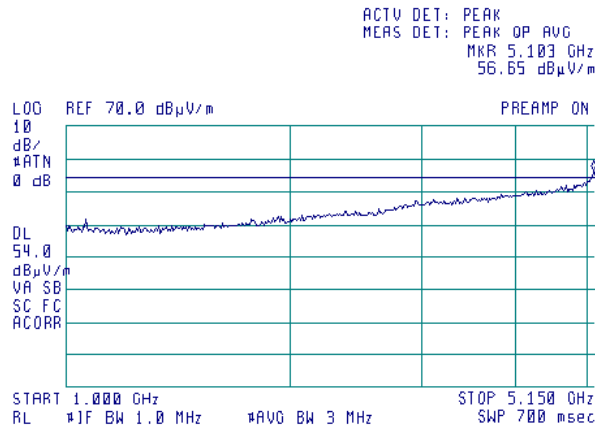




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</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 7.4.30 Radiated emission measurements from 1.0 to 5.15 GHz at the low carrier frequency (5257.5 MHz)

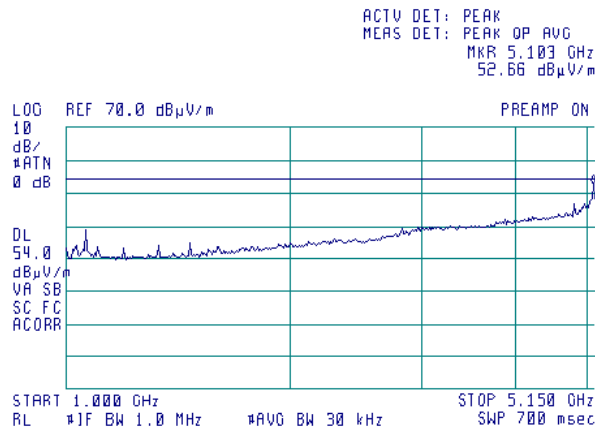
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 10MHz



Specified limit – 74 dBuV/m

Plot 7.4.31 Radiated emission measurements from 1.0 to 5.15 GHz at the low carrier frequency (5257.5 MHz)

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

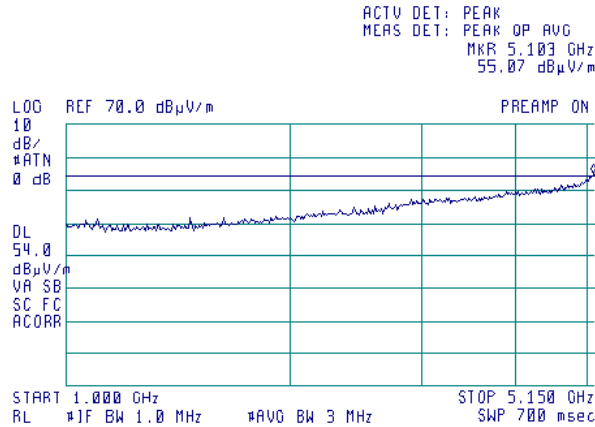




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</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			

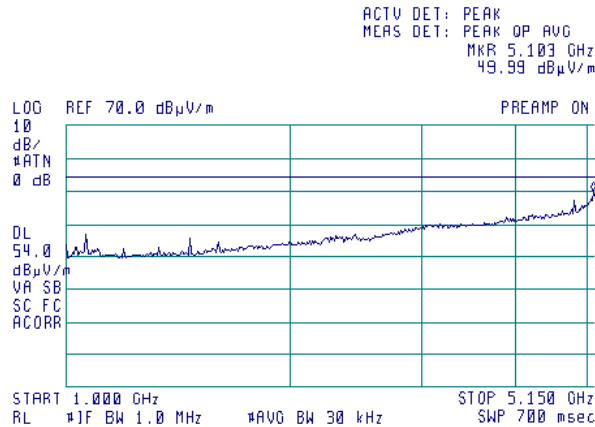
Plot 7.4.32 Radiated emission measurements from 1.0 to 5.15 GHz at the low carrier frequency (5262.5 MHz)

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



Plot 7.4.33 Radiated emission measurements from 1.0 to 5.15 GHz at the low carrier frequency (5262.5MHz)

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

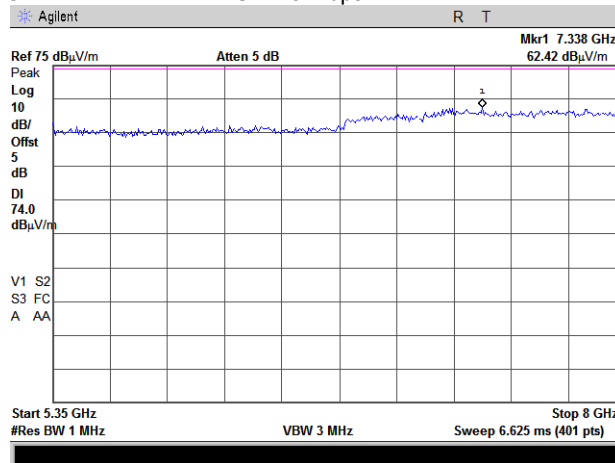




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</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			

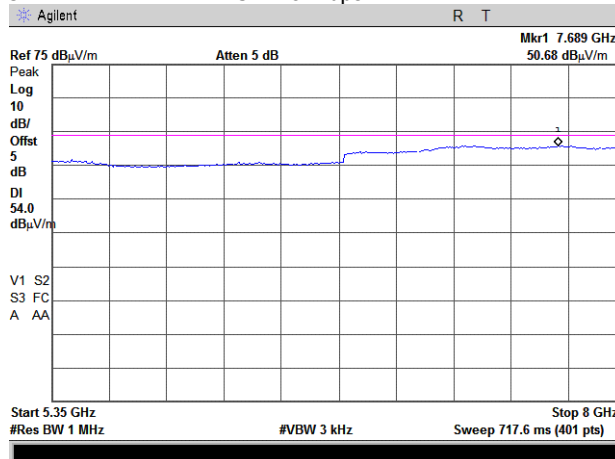
Plot 7.4.34 Radiated emission measurements from 5.35 to 8.0 GHz at the low carrier frequency (5255MHz)

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



Plot 7.4.35 Radiated emission measurements from 5.35 to 8.0 GHz at the low carrier frequency (5255MHz)

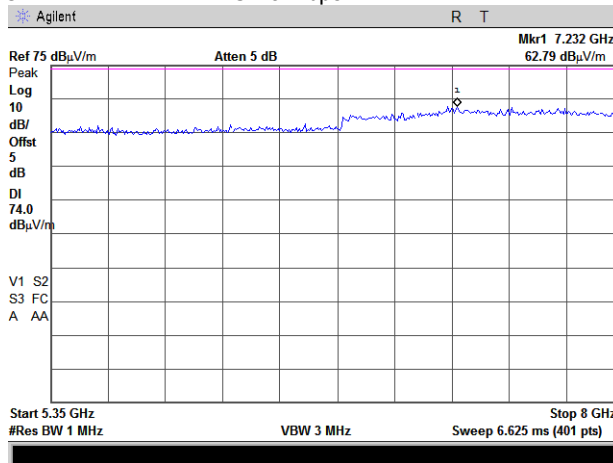
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 5 MHz  
 MODULATION: BPSK 1.5 Mbps



<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			

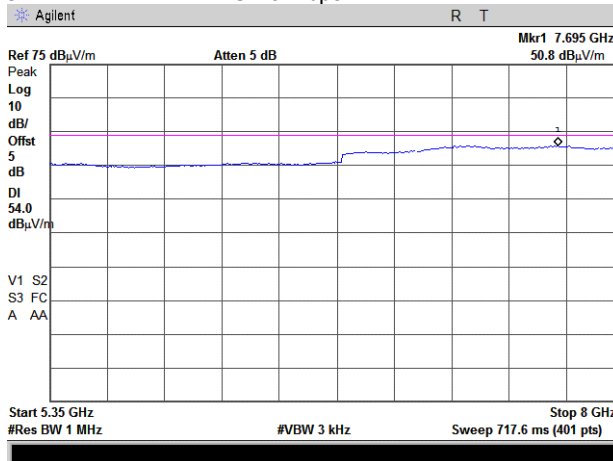
Plot 7.4.36 Radiated emission measurements from 5.35 to 8.0 GHz at the low carrier frequency (5257.5MHz)

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



Plot 7.4.37 Radiated emission measurements from 5.35 to 8.0 GHz at the low carrier frequency (5257.5MHz)

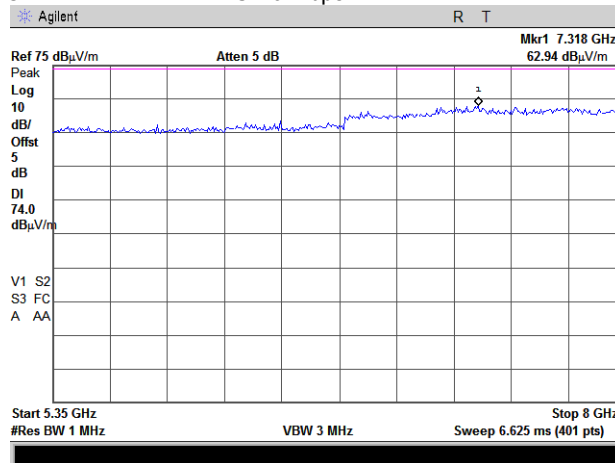
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW 10 MHz  
 MODULATION BPSK 3 Mbps



<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>	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			

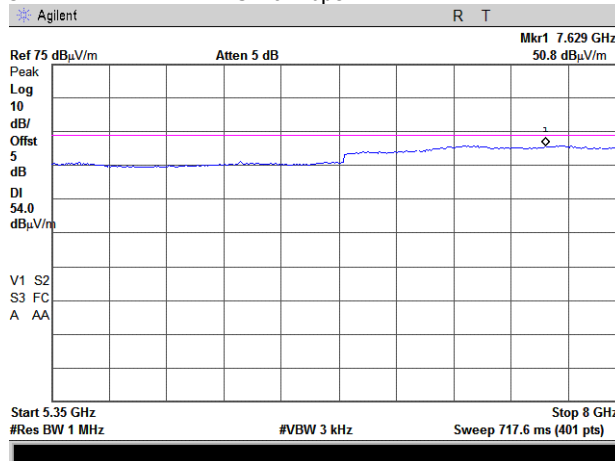
Plot 7.4.38 Radiated emission measurements from 5.35 to 8.0 GHz at the low carrier frequency (5262.5MHz)

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



Plot 7.4.39 Radiated emission measurements from 5.35 to 8.0 GHz at the low carrier frequency (5262.5MHz)

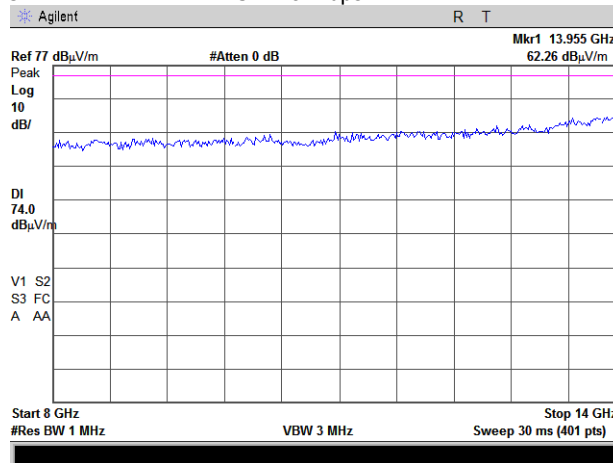
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW 20 MHz  
 MODULATION BPSK 6 Mbps



<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			

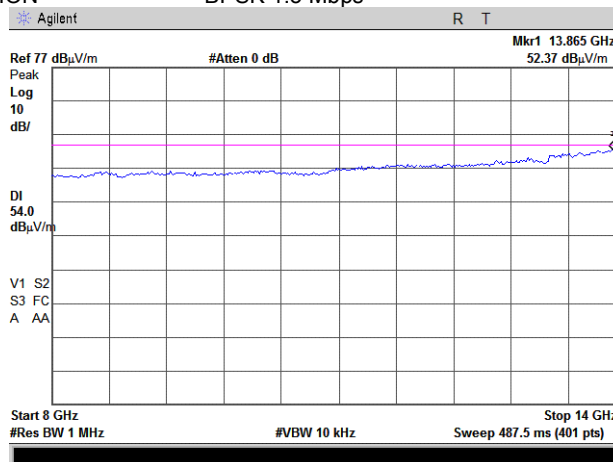
**Plot 7.4.40 Radiated emission measurements from 8.0 to 14.0 GHz at the low carrier frequency (5255MHz)**

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



**Plot 7.4.41 Radiated emission measurements from 8.0 to 14.0 GHz at the low carrier frequency (5255MHz)**

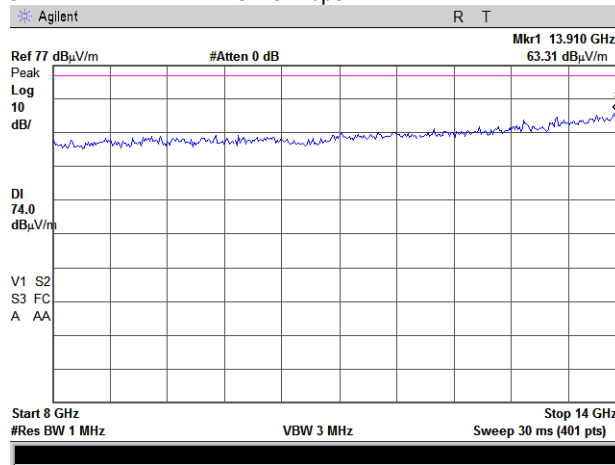
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW 5 MHz  
 MODULATION BPSK 1.5 Mbps



<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			

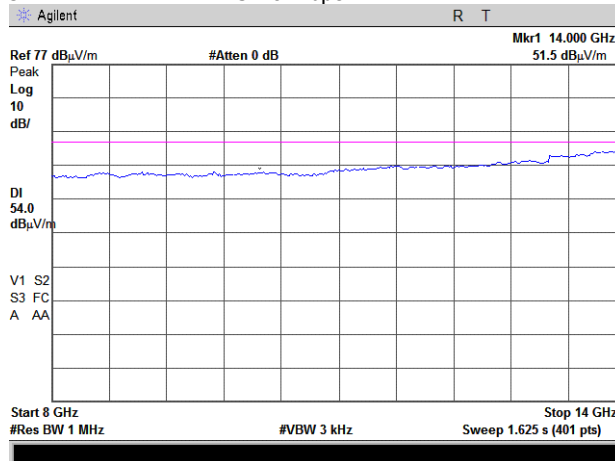
Plot 7.4.42 Radiated emission measurements from 8.0 to 14.0 GHz at the low carrier frequency (5257.5MHz)

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



Plot 7.4.43 Radiated emission measurements from 8.0 to 14.0 GHz at the low carrier frequency (5257.5MHz)

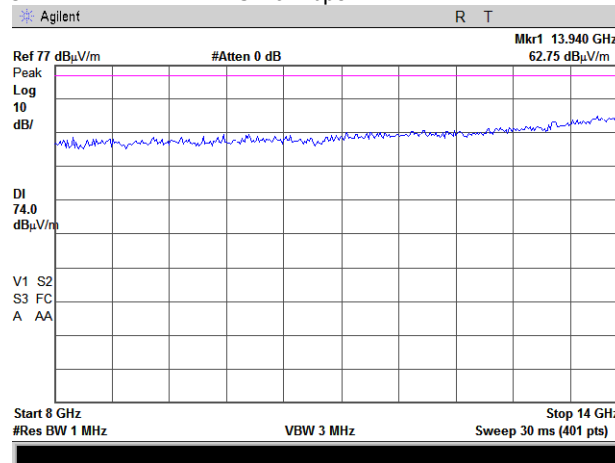
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW 10 MHz  
 MODULATION BPSK 3 Mbps



<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>	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			

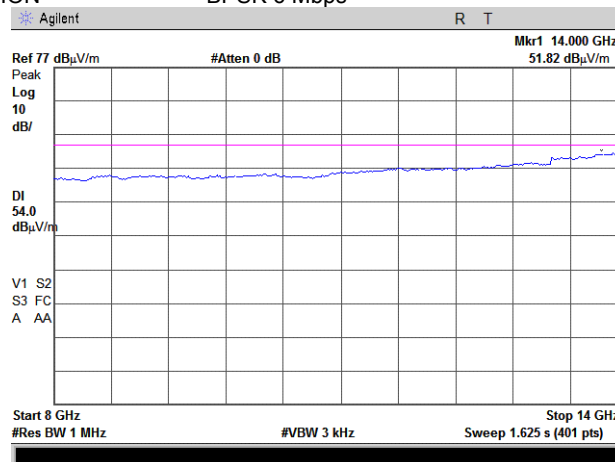
Plot 7.4.44 Radiated emission measurements from 8.0 to 14.0 GHz at the low carrier frequency (5262.5MHz)

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



Plot 7.4.45 Radiated emission measurements from 5.35 to 14.0 GHz at the low carrier frequency (5262.5MHz)

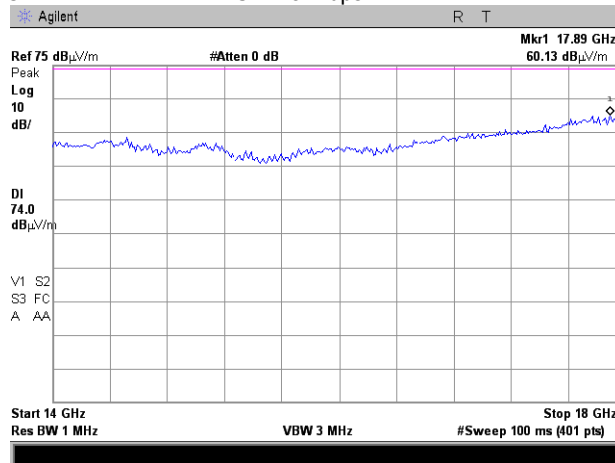
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW 20 MHz  
 MODULATION BPSK 6 Mbps



<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			

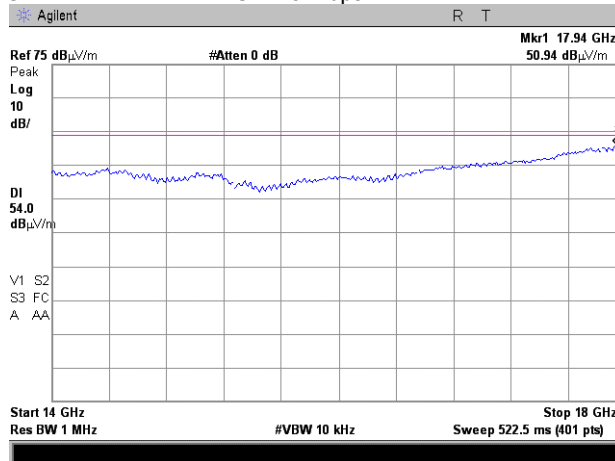
Plot 7.4.46 Radiated emission measurements from 14.0 – 18.0 GHz at the low carrier frequency (5255MHz)

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



Plot 7.4.47 Radiated emission measurements from 14.0 – 18.0 GHz at the low carrier frequency (5255MHz)

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

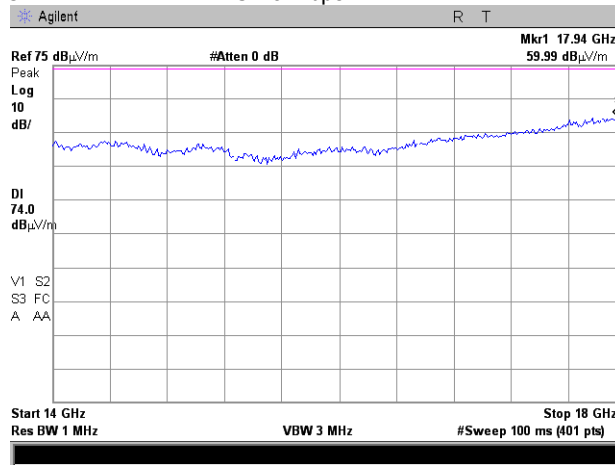




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air 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			

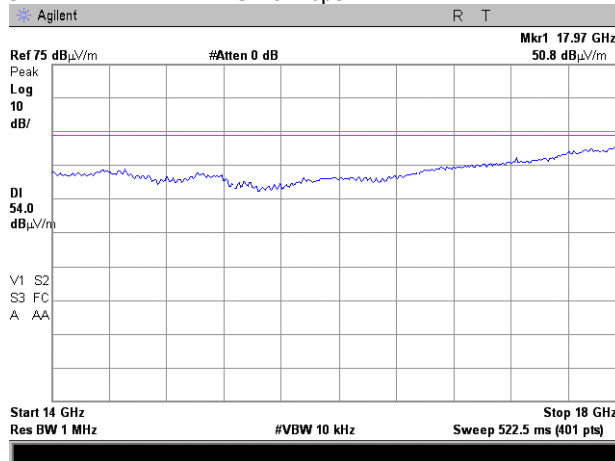
Plot 7.4.48 Radiated emission measurements from 14.0 – 18.0 GHz at the low carrier frequency (5257.5MHz)

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



Plot 7.4.49 Radiated emission measurements from 14.0 – 18.0 GHz at the low carrier frequency (5257.5MHz)

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

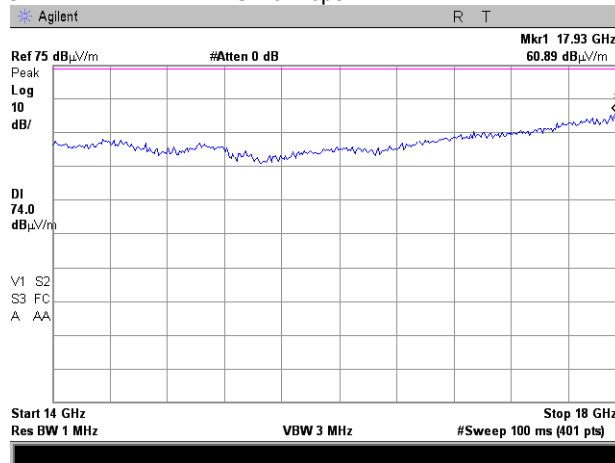




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air 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			

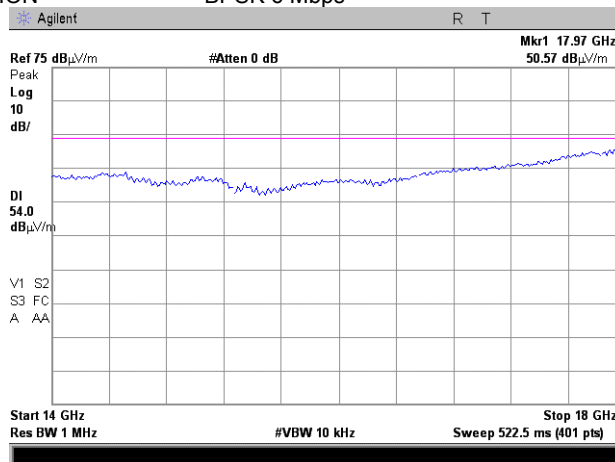
Plot 7.4.50 Radiated emission measurements from 14.0 – 18.0 GHz at the low carrier frequency (5262.5MHz)

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



Plot 7.4.51 Radiated emission measurements from 14.0 – 18.0 GHz at the low carrier frequency (5262.5MHz)

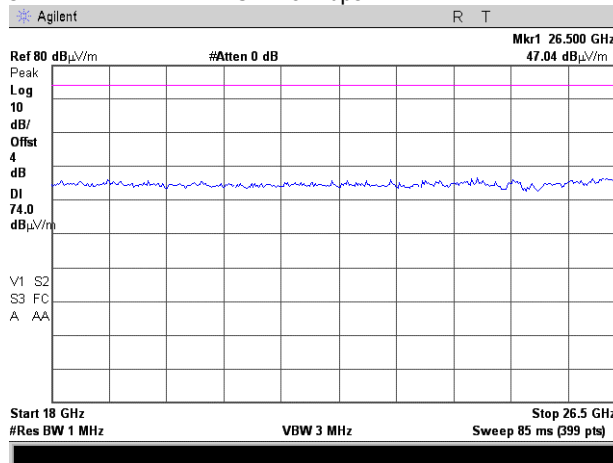
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW 20 MHz  
 MODULATION BPSK 6 Mbps



<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			

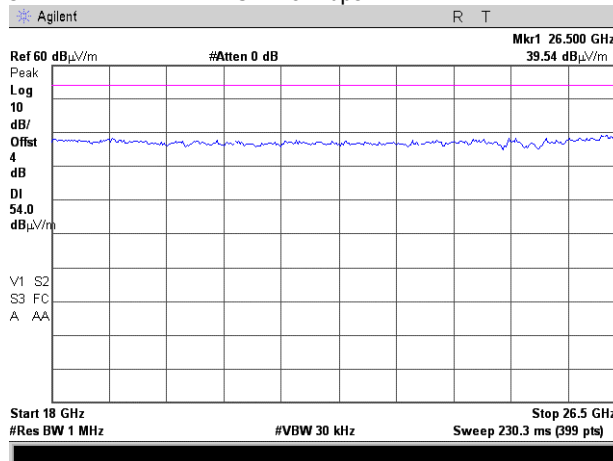
Plot 7.4.52 Radiated emission measurements from 18.0 to 26.5 GHz at the low carrier frequency (5255MHz)

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



Plot 7.4.53 Radiated emission measurements from 18.0 to 26.5 GHz at the low carrier frequency (5255MHz)

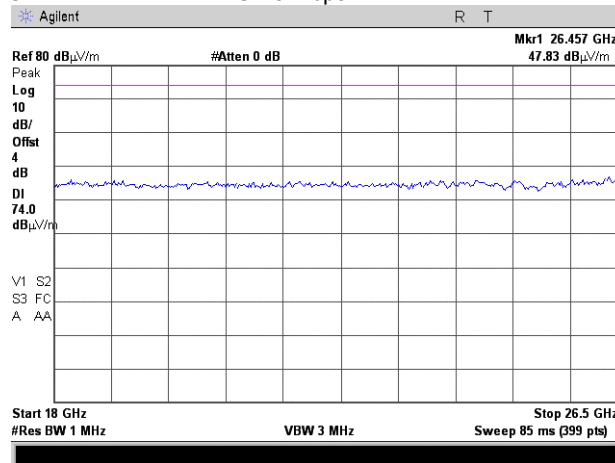
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW 5 MHz  
 MODULATION BPSK 1.5 Mbps



<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			

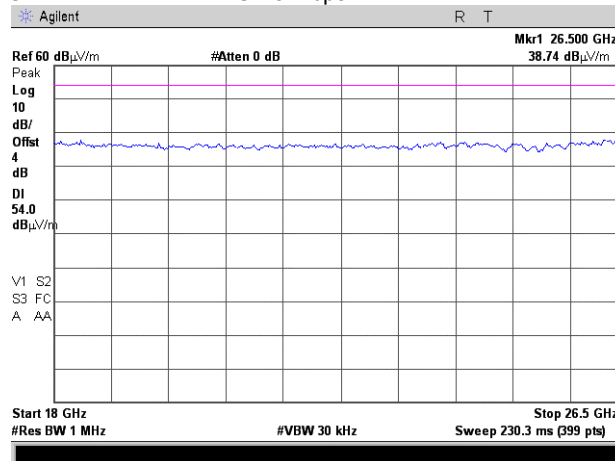
Plot 7.4.54 Radiated emission measurements from 18.0 to 26.5 GHz at the low carrier frequency (5257.5MHz)

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



Plot 7.4.55 Radiated emission measurements from 18.0 to 26.5 GHz at the low carrier frequency (5257.5MHz)

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

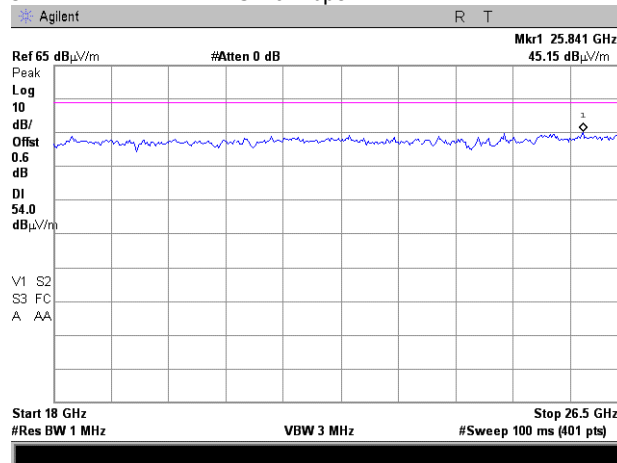




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air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

Plot 7.4.56 Radiated emission measurements from 18.0 to 26.5 GHz at the low carrier frequency (5262.5MHz)

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

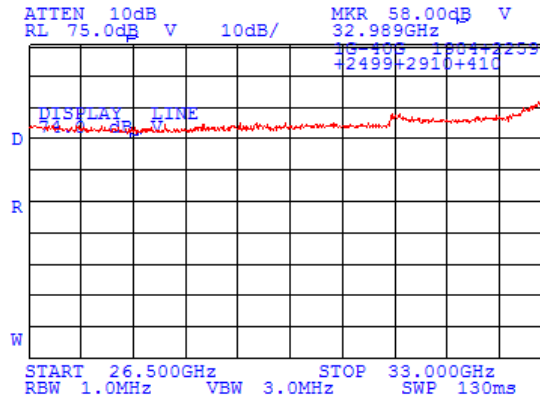




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</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			

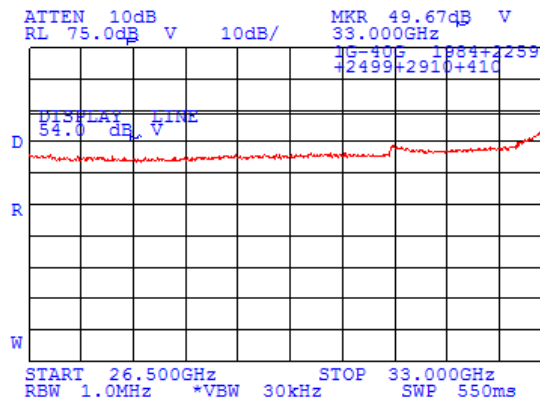
Plot 7.4.57 Radiated emission measurements from 26.5 to 33.0 GHz at the low carrier frequency (5255MHz)

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



Plot 7.4.58 Radiated emission measurements from 26.5 to 33.0 GHz at the low carrier frequency (5255MHz)

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

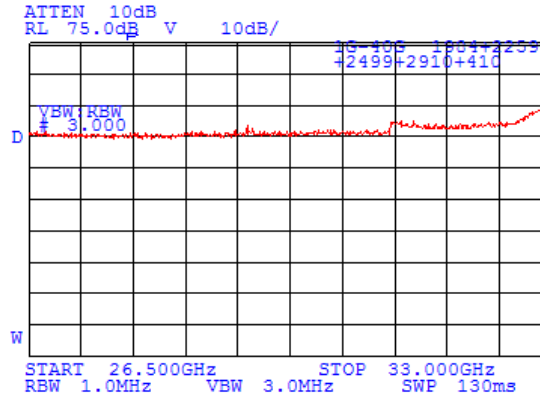




<b>Test specification:</b> Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions			
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance	<b>Verdict:</b> PASS		
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</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			

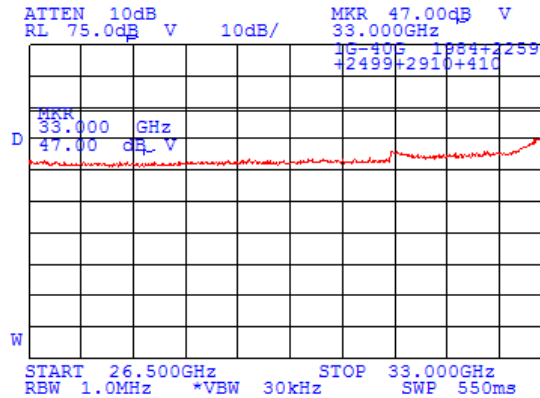
Plot 7.4.59 Radiated emission measurements from 26.5 to 33.0 GHz at the low carrier frequency (5257.5MHz)

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



Plot 7.4.60 Radiated emission measurements from 26.5 to 33.0 GHz at the low carrier frequency (5257.5MHz)

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

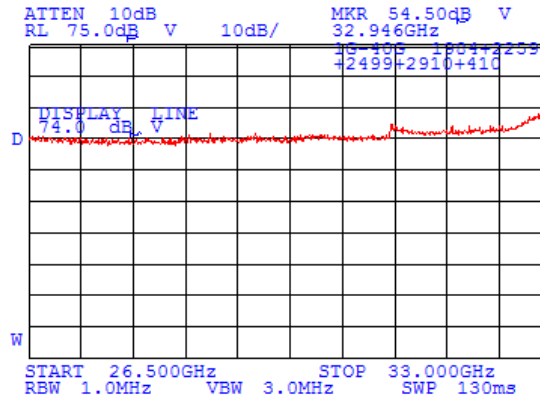




<b>Test specification:</b> Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions			
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance	<b>Verdict:</b> PASS		
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</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			

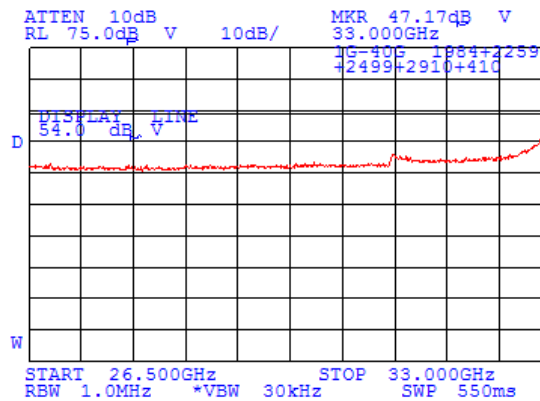
Plot 7.4.61 Radiated emission measurements from 26.5 to 33.0 GHz at the low carrier frequency (5262.5MHz)

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



Plot 7.4.62 Radiated emission measurements from 26.5 to 33.0 GHz at the low carrier frequency (5262.5MHz)

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

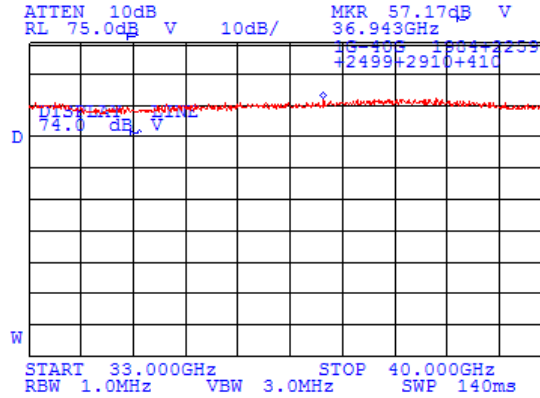




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air 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			

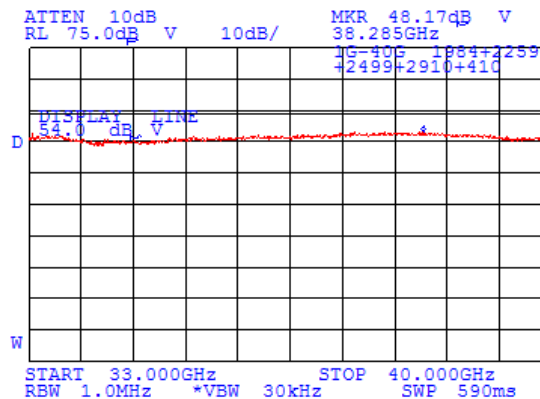
Plot 7.4.63 Radiated emission measurements from 33.0 to 40.0 GHz at the low carrier frequency (5255MHz)

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



Plot 7.4.64 Radiated emission measurements from 33.0 to 40.0 GHz at the low carrier frequency (5255MHz)

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



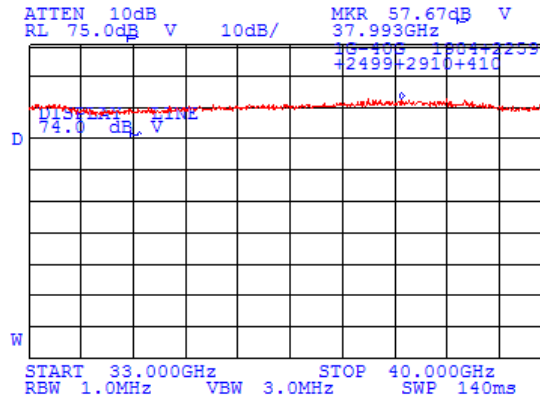




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</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			

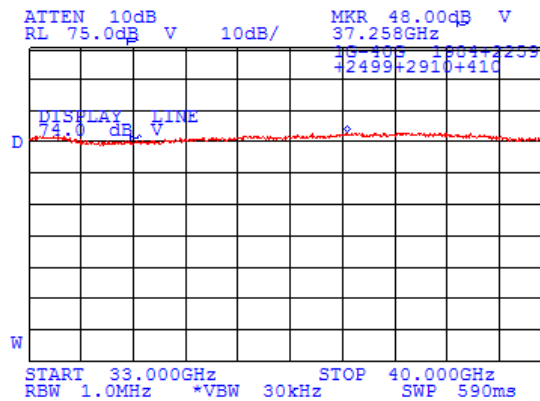
Plot 7.4.65 Radiated emission measurements from 33.0 to 40.0 GHz at the low carrier frequency (5257.5MHz)

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



Plot 7.4.66 Radiated emission measurements from 33.0 to 40.0 GHz at the low carrier frequency (5257.5MHz)

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

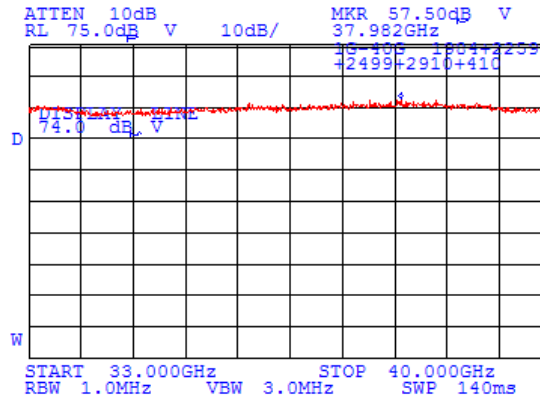




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</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			

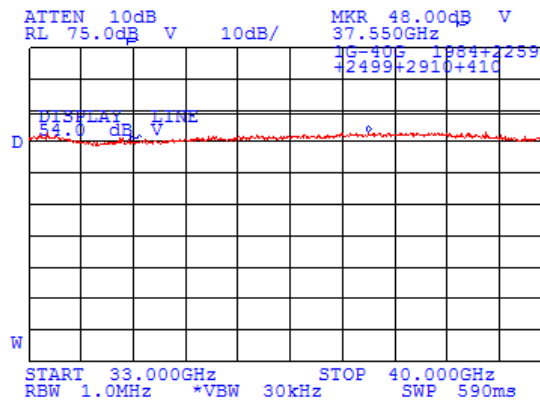
Plot 7.4.67 Radiated emission measurements from 33.0 to 40.0 GHz at the low carrier frequency (5262.5MHz)

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



Plot 7.4.68 Radiated emission measurements from 33.0 to 40.0 GHz at the low carrier frequency (5262.5MHz)

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

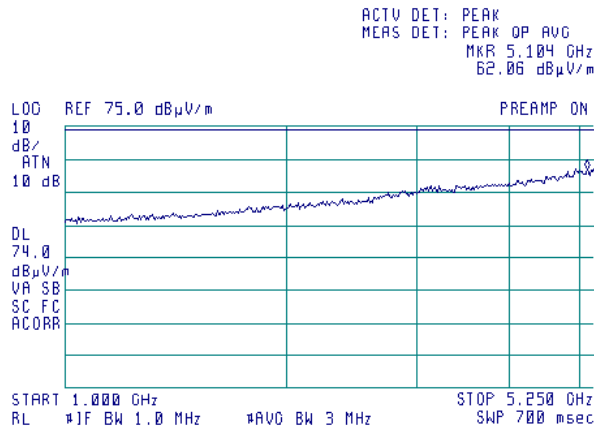




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air 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			

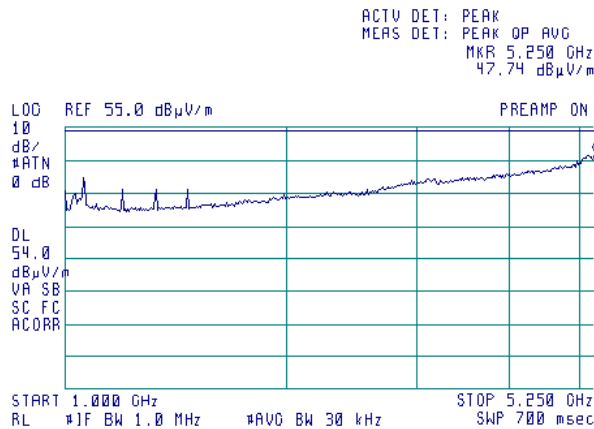
Plot 7.4.69 Radiated emission measurements from 1.0 to 5.25 GHz at the mid carrier frequency (5300 MHz)

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



Plot 7.4.70 Radiated emission measurements from 1.0 to 5.25 GHz at the mid carrier frequency (5300 MHz)

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

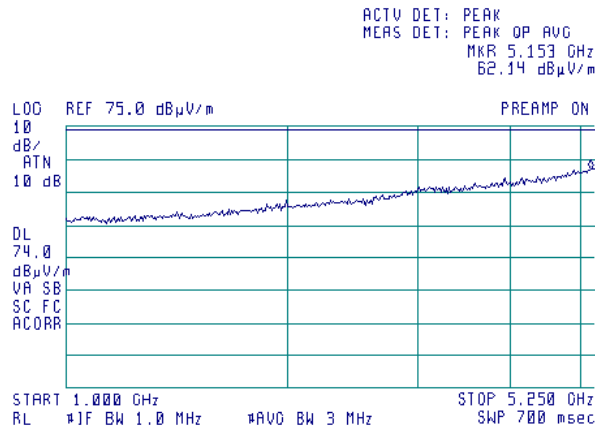




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air 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			

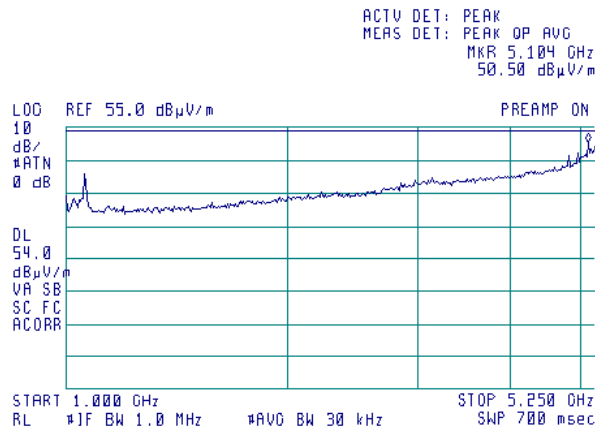
Plot 7.4.71 Radiated emission measurements from 1.0 to 5.25 GHz at the mid carrier frequency (5300 MHz)

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



Plot 7.4.72 Radiated emission measurements from 1.0 to 5.25 GHz at the mid carrier frequency (5300 MHz)

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

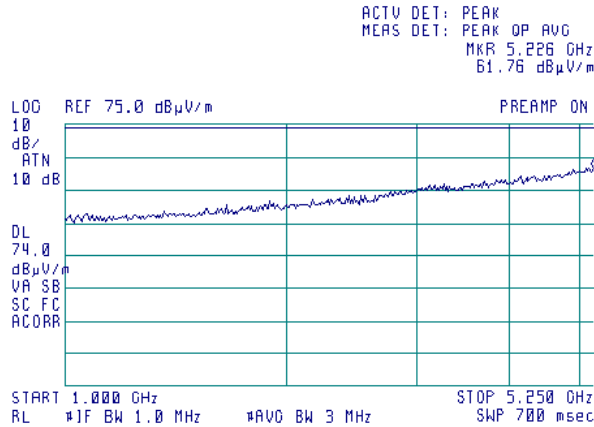




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</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			

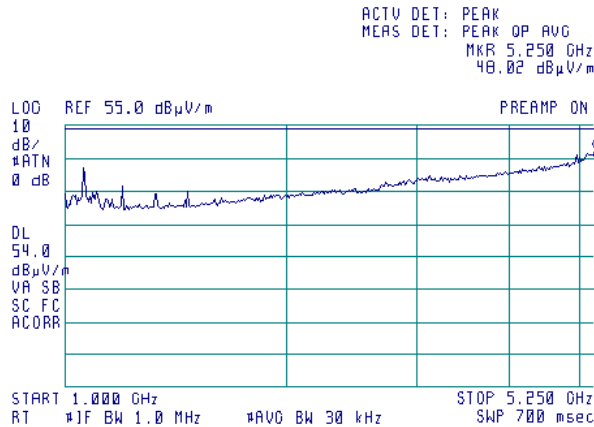
Plot 7.4.73 Radiated emission measurements from 1.0 to 5.25 GHz at the mid carrier frequency (5300 MHz)

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



Plot 7.4.74 Radiated emission measurements from 1.0 to 5.25 GHz at the mid carrier frequency (5300 MHz)

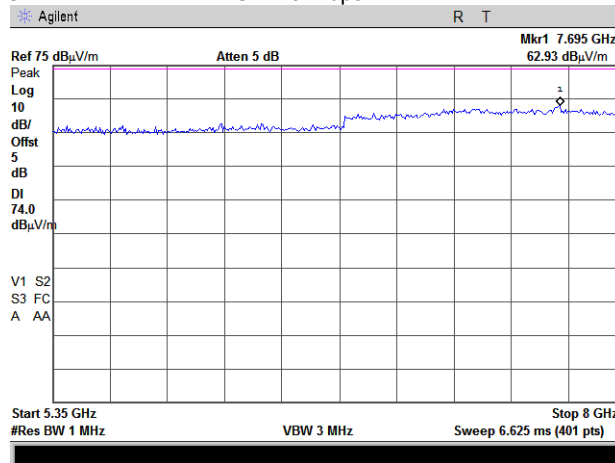
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 20MHz



<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			

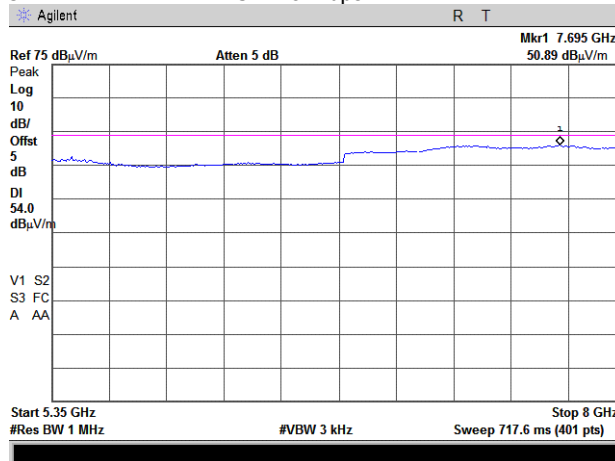
Plot 7.4.75 Radiated emission measurements from 5.35 to 8.0 GHz at the mid carrier frequency (5300 MHz)

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



Plot 7.4.76 Radiated emission measurements from 5.35 to 8.0 GHz at the mid carrier frequency (5300 MHz)

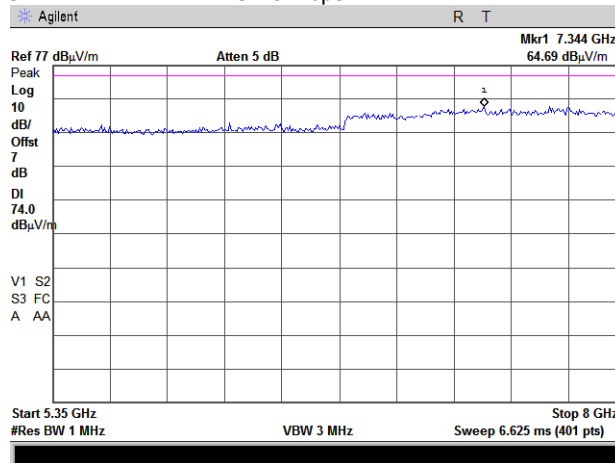
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 5 MHz  
 MODULATION: BPSK 1.5 Mbps



<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			

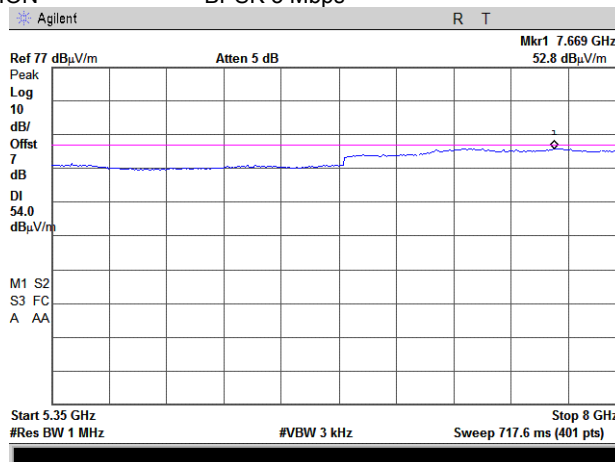
Plot 7.4.77 Radiated emission measurements from 5.35 to 8.0 GHz at the mid carrier frequency (5300 MHz)

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



Plot 7.4.78 Radiated emission measurements from 5.35 to 8.0 GHz at the mid carrier frequency (5300 MHz)

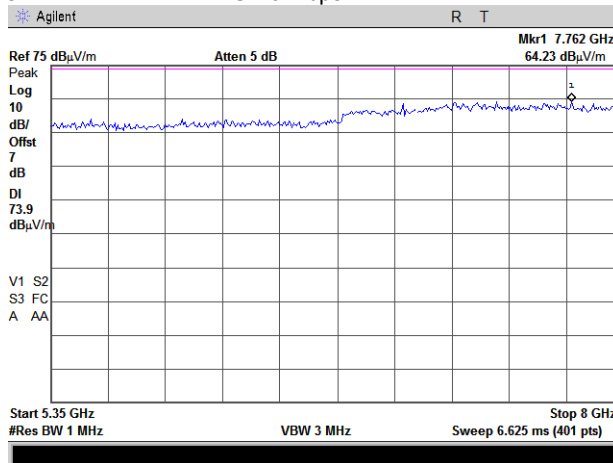
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW 10 MHz  
 MODULATION BPSK 3 Mbps



<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>	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			

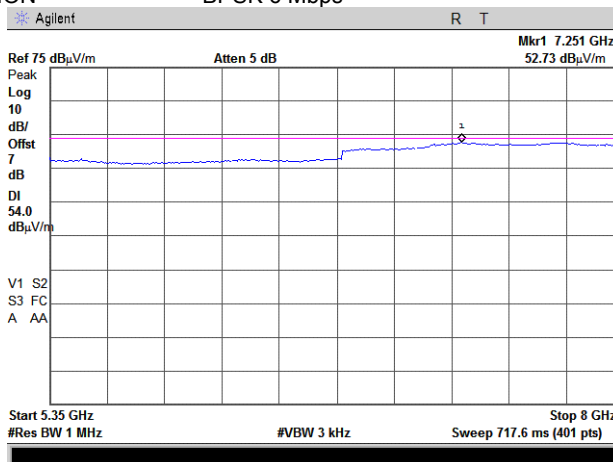
Plot 7.4.79 Radiated emission measurements from 5.35 to 8.0 GHz at the mid carrier frequency (5300 MHz)

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



Plot 7.4.80 Radiated emission measurements from 5.35 to 8.0 GHz at the mid carrier frequency (5300 MHz)

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

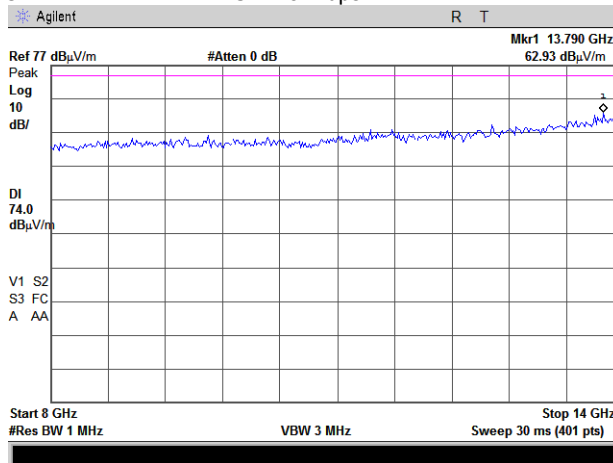




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</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			

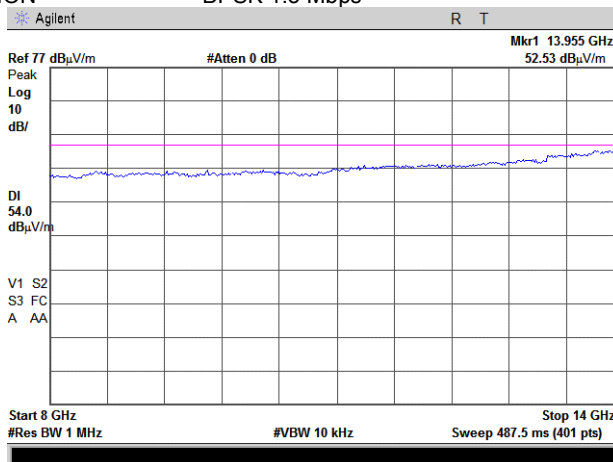
Plot 7.4.81 Radiated emission measurements from 8.0 to 14.0 GHz at the mid carrier frequency (5300 MHz)

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



Plot 7.4.82 Radiated emission measurements from 8.0 to 14.0 GHz at the mid carrier frequency (5300 MHz)

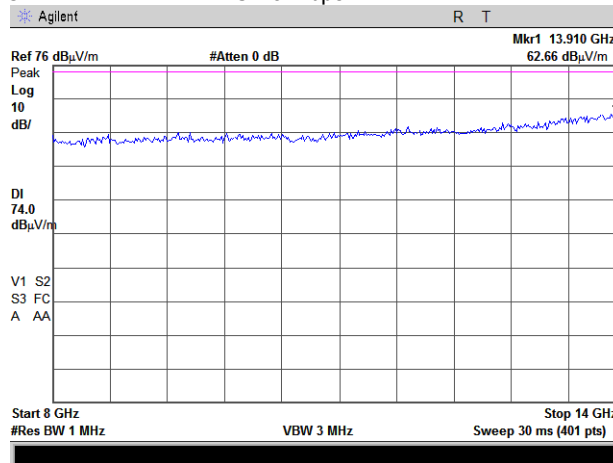
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW 5 MHz  
 MODULATION BPSK 1.5 Mbps



<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			

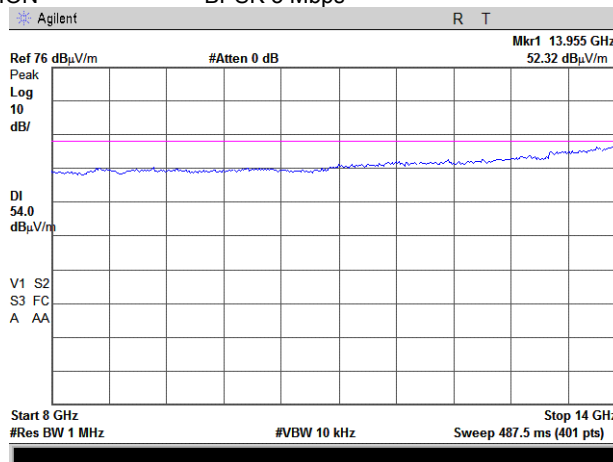
Plot 7.4.83 Radiated emission measurements from 8.0 to 14.0 GHz at the mid carrier frequency (5300 MHz)

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



Plot 7.4.84 Radiated emission measurements from 8.0 to 14.0 GHz at the mid carrier frequency (5300 MHz)

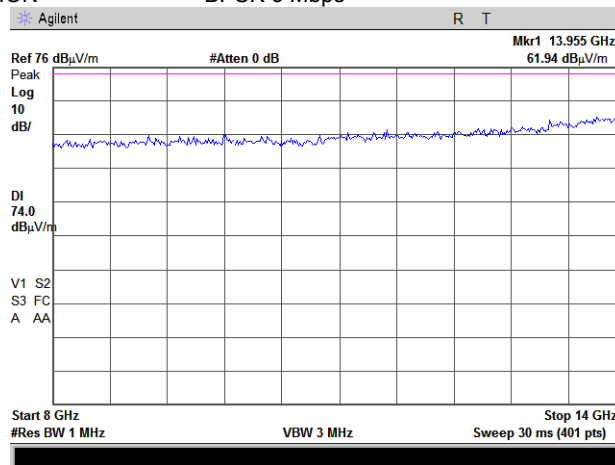
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW 10 MHz  
 MODULATION BPSK 3 Mbps



<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>	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			

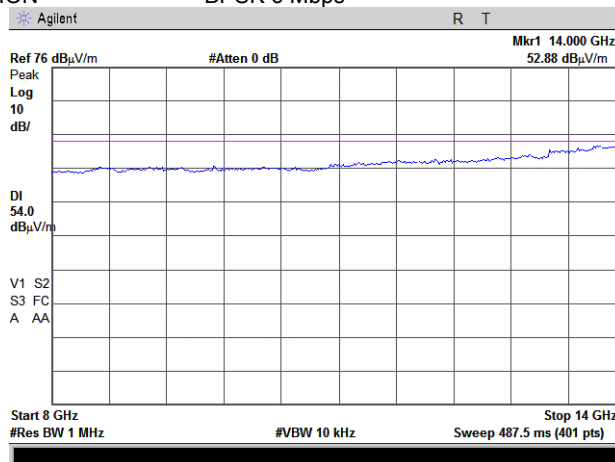
Plot 7.4.85 Radiated emission measurements from 8.0 to 14.0 GHz at the mid carrier frequency (5300 MHz)

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



Plot 7.4.86 Radiated emission measurements from 8.0 to 14.0 GHz at the mid carrier frequency (5300 MHz)

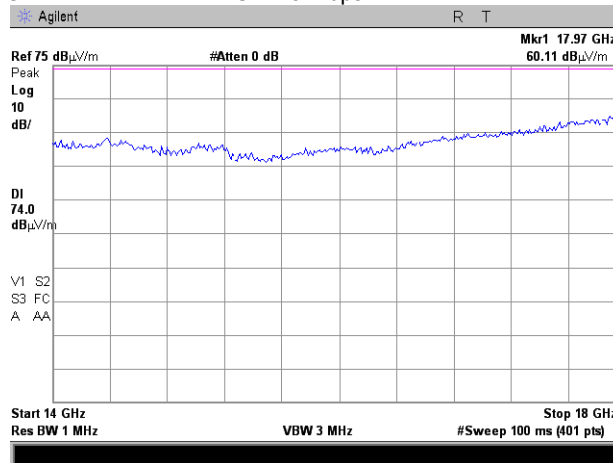
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW 20 MHz  
 MODULATION BPSK 6 Mbps



<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			

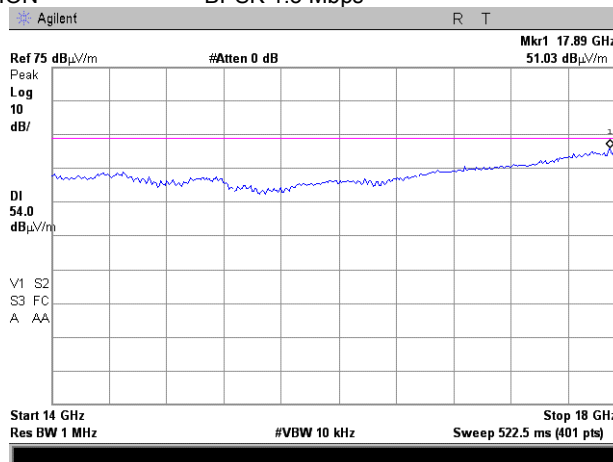
Plot 7.4.87 Radiated emission measurements from 14.0 to 18.0 GHz at the mid carrier frequency (5300 MHz)

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



Plot 7.4.88 Radiated emission measurements from 14.0 to 18.0 GHz at the mid carrier frequency (5300 MHz)

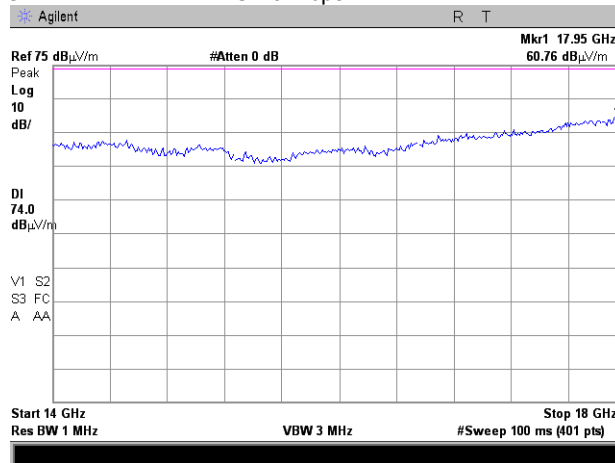
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 5 MHz  
 MODULATION: BPSK 1.5 Mbps



<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			

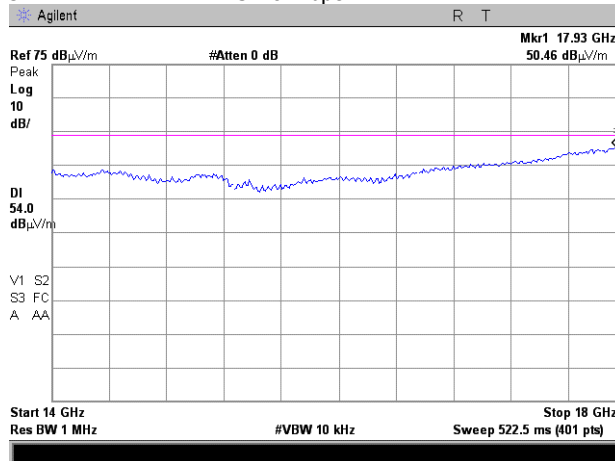
Plot 7.4.89 Radiated emission measurements from 14.0 to 18.0 GHz at the mid carrier frequency (5300 MHz)

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



Plot 7.4.90 Radiated emission measurements from 14.0 to 18.0 GHz at the mid carrier frequency (5300 MHz)

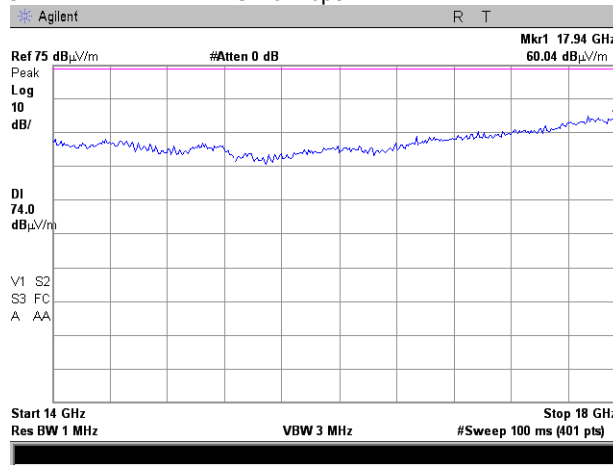
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 10 MHz  
 MODULATION: BPSK 3 Mbps



<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> 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			

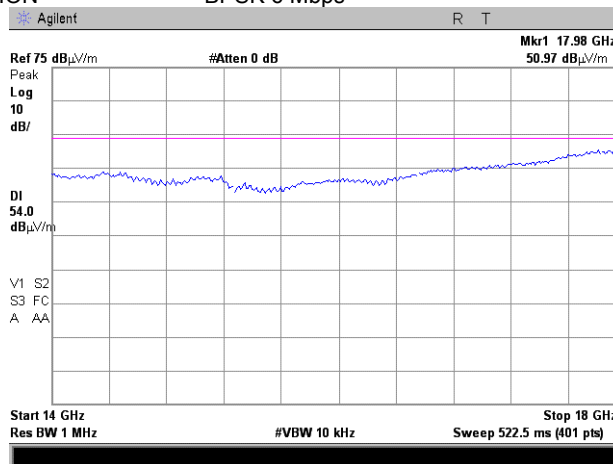
Plot 7.4.91 Radiated emission measurements from 14.0 to 18.0 GHz at the mid carrier frequency (5300 MHz)

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



Plot 7.4.92 Radiated emission measurements from 14.0 to 18.0 GHz at the mid carrier frequency (5300 MHz)

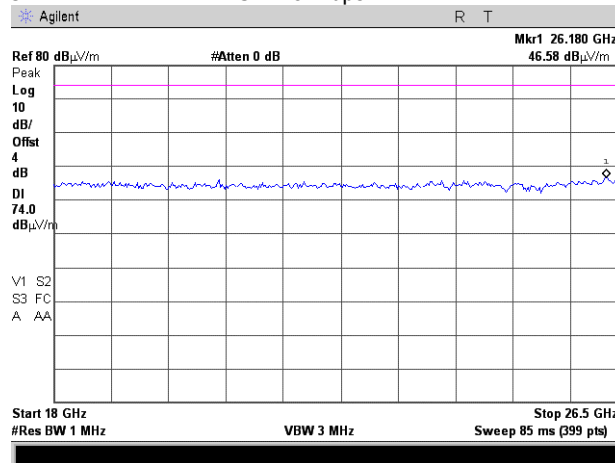
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 20 MHz  
 MODULATION: BPSK 6 Mbps



<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			

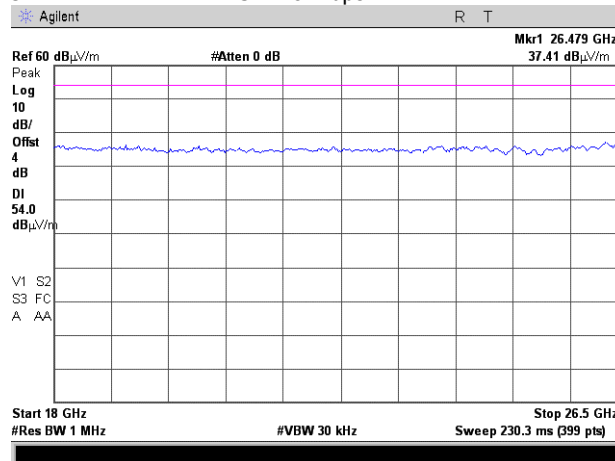
Plot 7.4.93 Radiated emission measurements from 18.0 to 26.5 GHz at the mid carrier frequency (5300 MHz)

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



Plot 7.4.94 Radiated emission measurements from 18.0 to 26.5 GHz at the mid carrier frequency (5300 MHz)

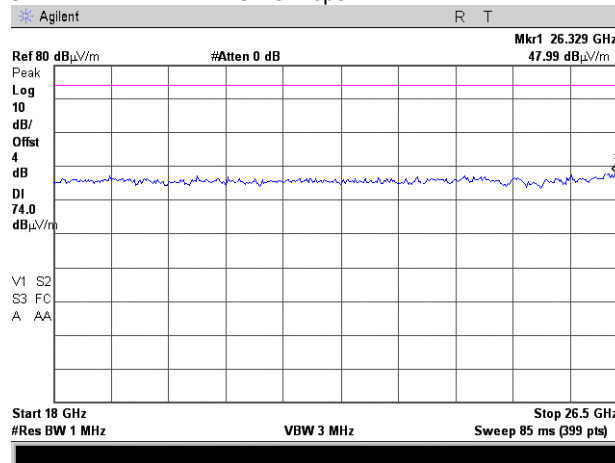
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 5 MHz  
 MODULATION: BPSK 1.5 Mbps



<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			

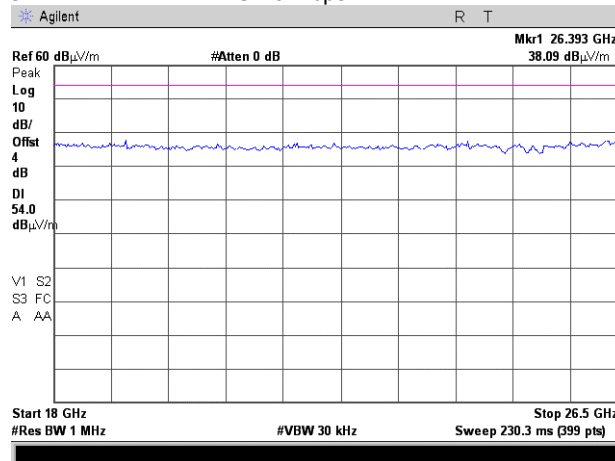
Plot 7.4.95 Radiated emission measurements from 18.0 to 26.5 GHz at the mid carrier frequency (5300 MHz)

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



Plot 7.4.96 Radiated emission measurements from 18.0 to 26.5 GHz at the mid carrier frequency (5300 MHz)

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

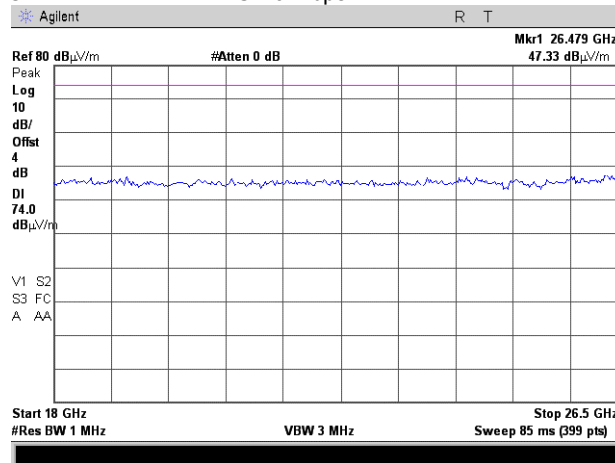




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</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			

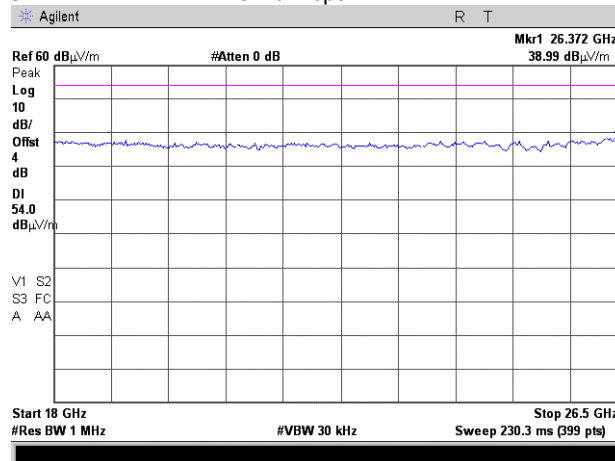
Plot 7.4.97 Radiated emission measurements from 18.0 to 26.5 GHz at the mid carrier frequency (5300 MHz)

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



Plot 7.4.98 Radiated emission measurements from 18.0 to 26.5 GHz at the mid carrier frequency (5300 MHz)

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

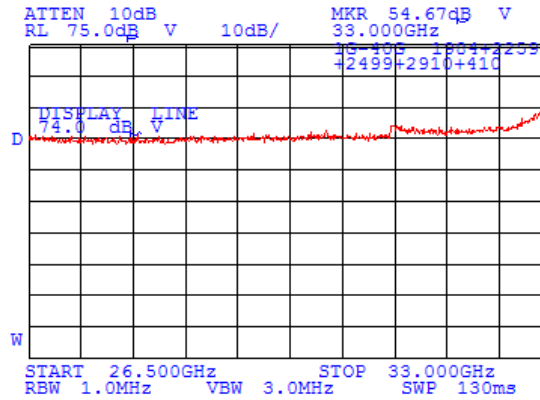




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</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			

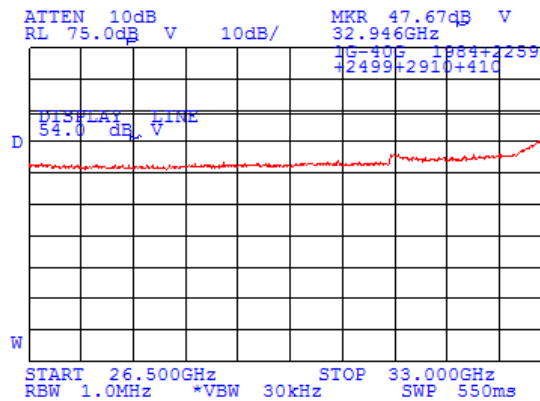
Plot 7.4.99 Radiated emission measurements from 26.5 to 33.0 GHz at the mid carrier frequency (5300 MHz)

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



Plot 7.4.100 Radiated emission measurements from 26.5 to 33.0 GHz at the mid carrier frequency (5300 MHz)

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

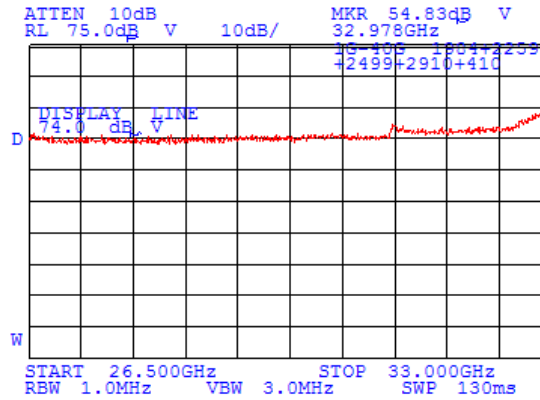




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</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			

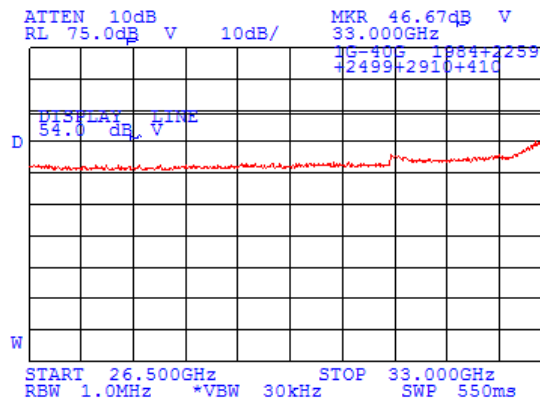
Plot 7.4.101 Radiated emission measurements from 26.5 to 33.0 GHz at the mid carrier frequency (5300 MHz)

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



Plot 7.4.102 Radiated emission measurements from 26.5 to 33.0 GHz at the mid carrier frequency (5300 MHz)

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

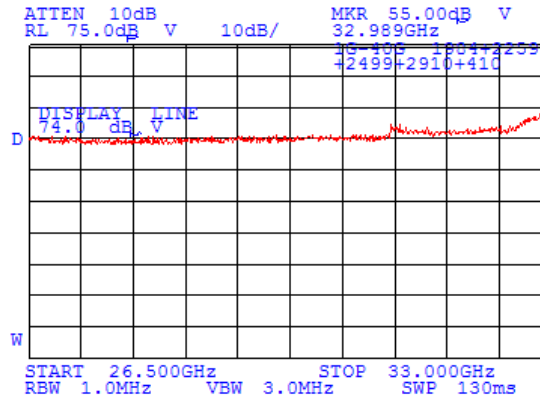




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</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			

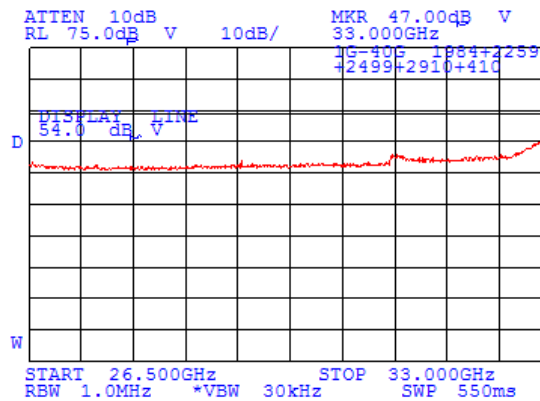
Plot 7.4.103 Radiated emission measurements from 26.5 to 33.0 GHz at the mid carrier frequency (5300 MHz)

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



Plot 7.4.104 Radiated emission measurements from 26.5 to 33.0 GHz at the mid carrier frequency (5300 MHz)

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

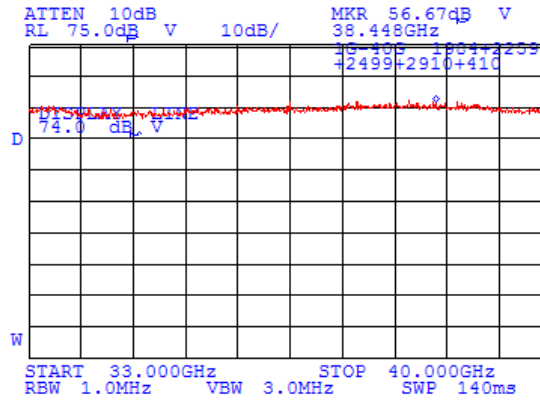




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</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			

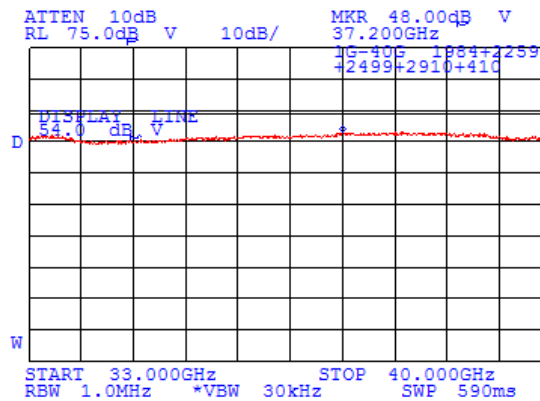
Plot 7.4.105 Radiated emission measurements from 33.0 to 40.0 GHz at the mid carrier frequency (5300 MHz)

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



Plot 7.4.106 Radiated emission measurements from 33.0 to 40.0 GHz at the mid carrier frequency (5300 MHz)

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

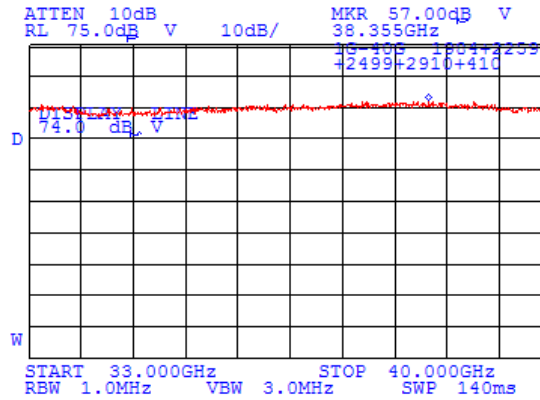




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</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			

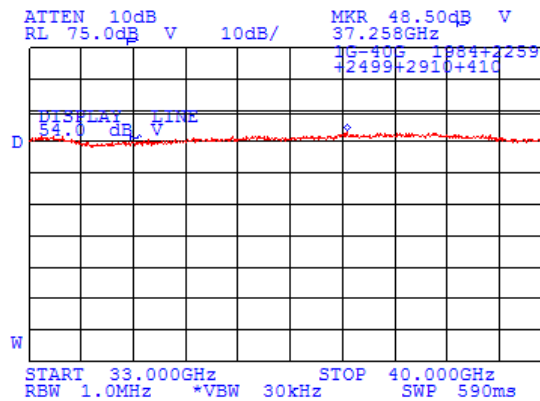
Plot 7.4.107 Radiated emission measurements from 33.0 to 40.0 GHz at the mid carrier frequency (5300 MHz)

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



Plot 7.4.108 Radiated emission measurements from 33.0 to 40.0 GHz at the mid carrier frequency (5300 MHz)

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

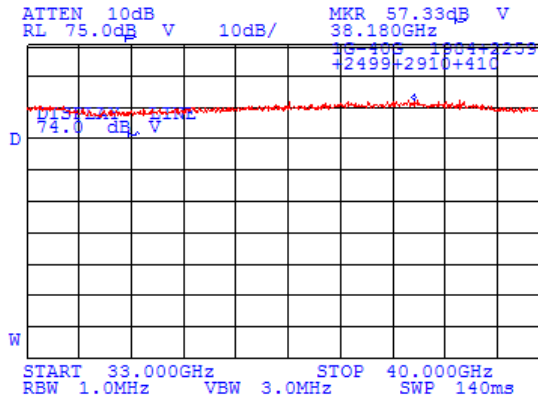




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air 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			

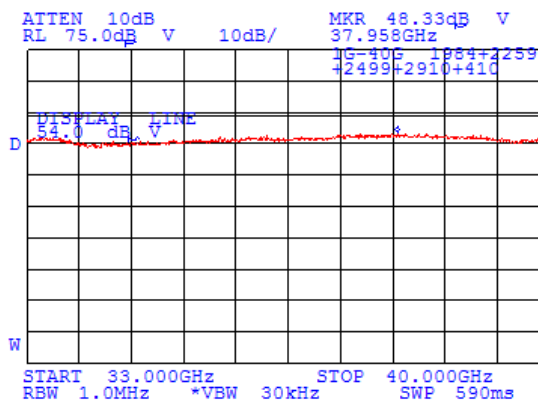
Plot 7.4.109 Radiated emission measurements from 33.0 to 40.0 GHz at the mid carrier frequency (5300 MHz)

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



Plot 7.4.110 Radiated emission measurements from 33.0 to 40.0 GHz at the mid carrier frequency (5300 MHz)

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

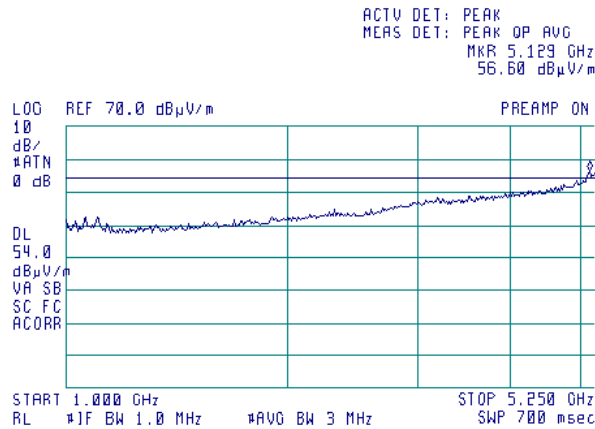




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air 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			

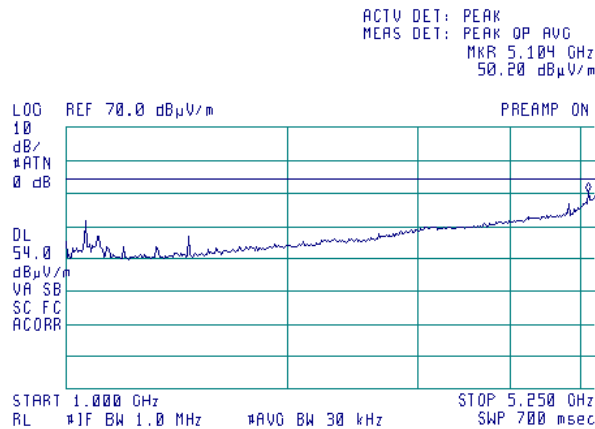
Plot 7.4.111 Radiated emission measurements from 1.0 to 5.25 GHz at the high carrier frequency (5345 MHz)

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



Plot 7.4.112 Radiated emission measurements from 1.0 to 5.25 GHz at the high carrier frequency (5345 MHz)

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



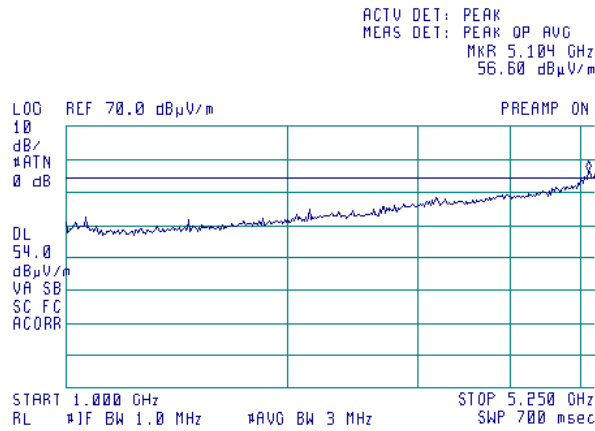




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air 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			

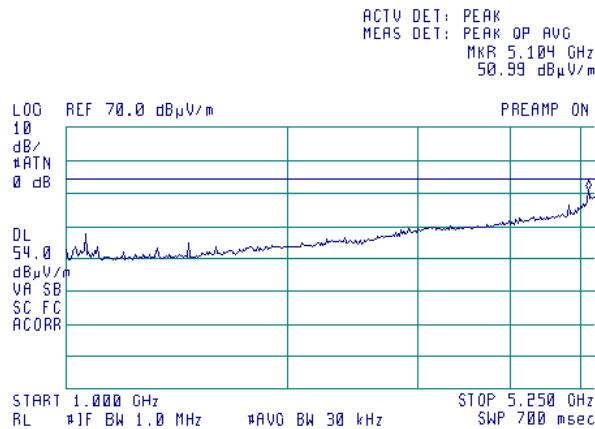
Plot 7.4.113 Radiated emission measurements from 1.0 to 5.25 GHz at the high carrier frequency (5340 MHz)

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



Plot 7.4.114 Radiated emission measurements from 1.0 to 5.25 GHz at the high carrier frequency (5340 MHz)

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

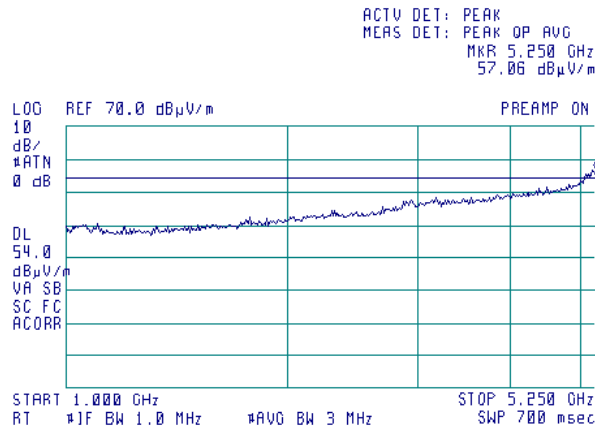




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</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 7.4.115 Radiated emission measurements from 1.0 to 5.25 GHz at the high carrier frequency (5332.5 MHz)

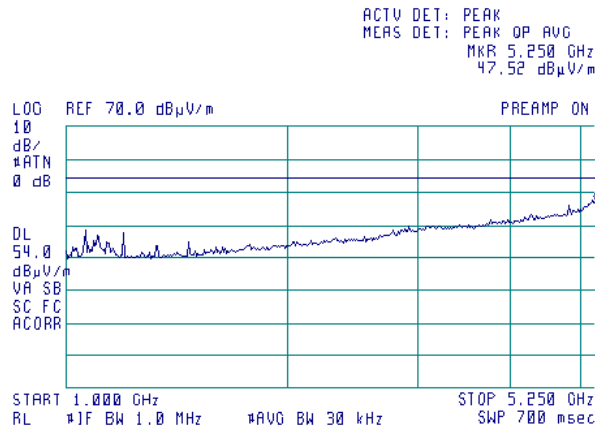
TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Peak  
EBW: 20MHz



Specified limit = 74 dBuV/m

Plot 7.4.116 Radiated emission measurements from 1.0 to 5.25 GHz at the high carrier frequency (5332.5 MHz)

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

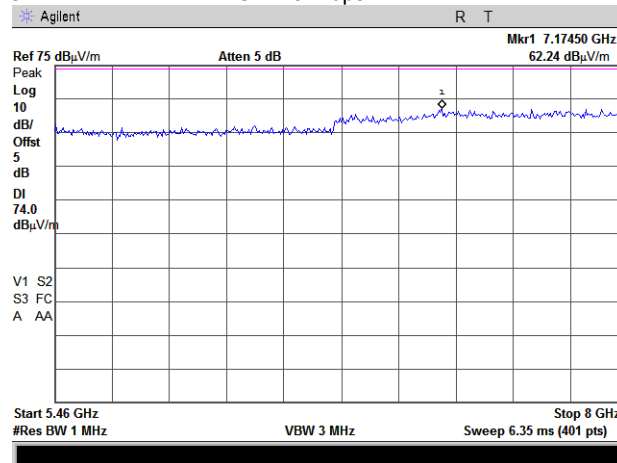




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</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			

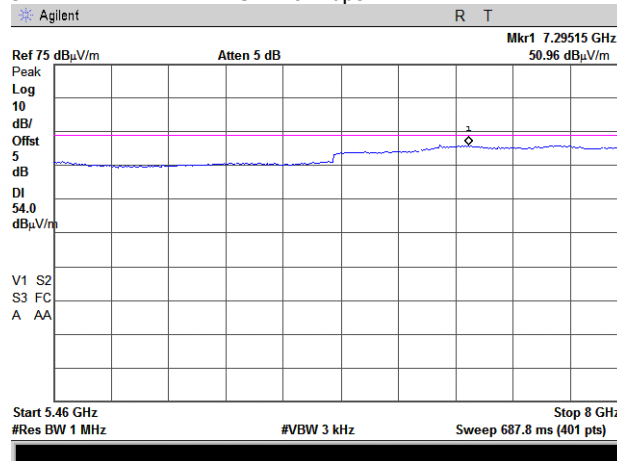
Plot 7.4.117 Radiated emission measurements from 5.46 to 8.0 GHz at the high carrier frequency (5345 MHz)

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



Plot 7.4.118 Radiated emission measurements from 5.46 to 8.0 GHz at the high carrier frequency (5345 MHz)

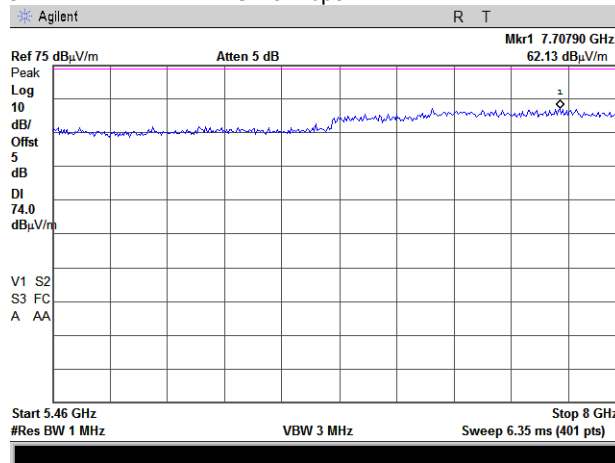
TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Average  
EBW: 5 MHz  
MODULATION: BPSK 1.5 Mbps



<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			

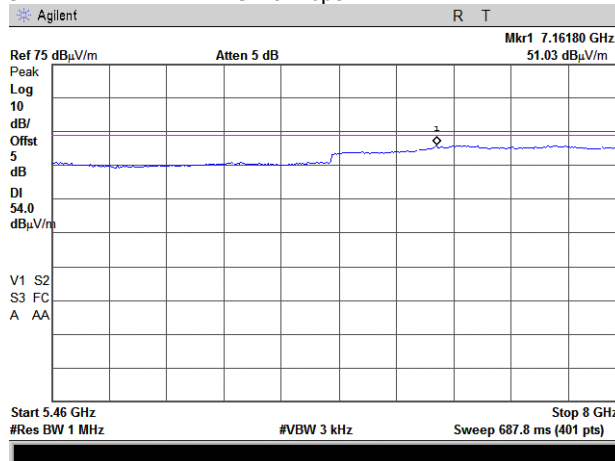
Plot 7.4.119 Radiated emission measurements from 5.46 to 8.0 GHz at the high carrier frequency (5340 MHz)

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



Plot 7.4.120 Radiated emission measurements from 5.46 to 8.0 GHz at the high carrier frequency (5340 MHz)

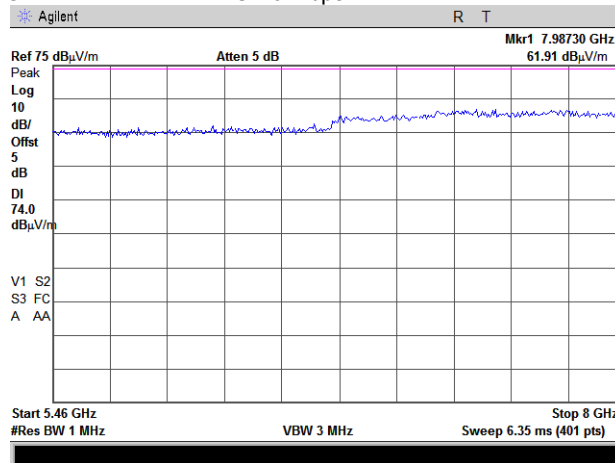
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW 10 MHz  
 MODULATION BPSK 3 Mbps



<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>	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			

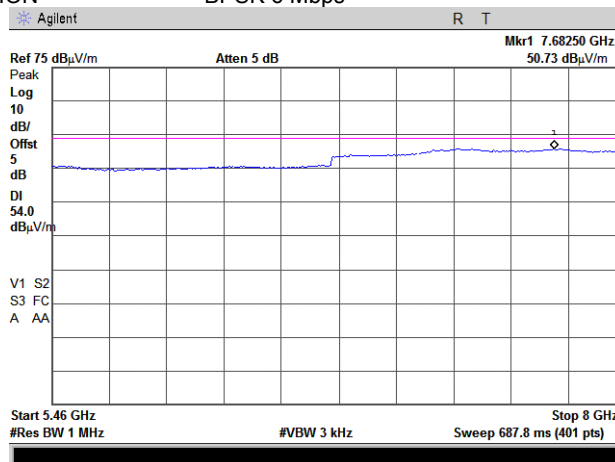
Plot 7.4.121 Radiated emission measurements from 5.46 to 8.0 GHz at the high carrier frequency (5332.5 MHz)

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



Plot 7.4.122 Radiated emission measurements from 5.46 to 8.0 GHz at the high carrier frequency (5332.5 MHz)

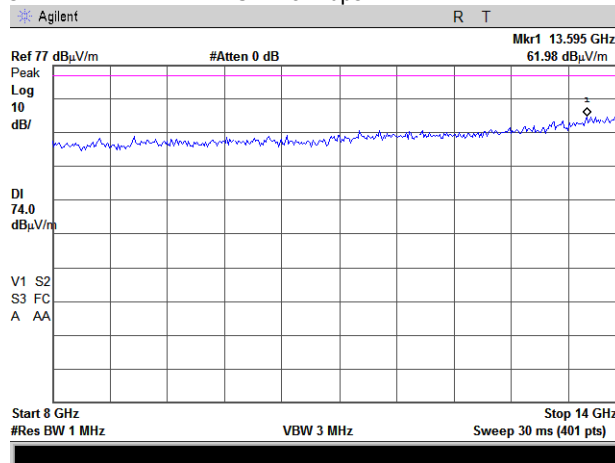
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW 20 MHz  
 MODULATION BPSK 6 Mbps



<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			

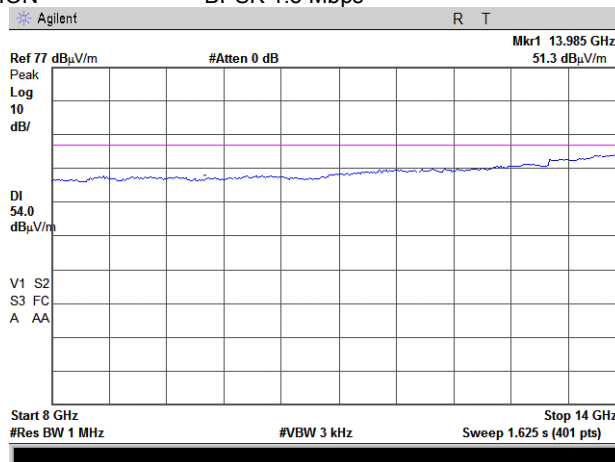
Plot 7.4.123 Radiated emission measurements from 8.0 to 14.0 GHz at the high carrier frequency (5345 MHz)

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



Plot 7.4.124 Radiated emission measurements from 8.0 to 14.0 GHz at the high carrier frequency (5345 MHz)

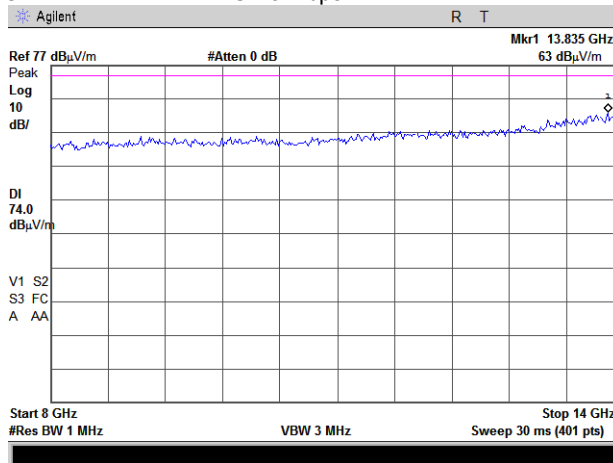
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 5 MHz  
 MODULATION: BPSK 1.5 Mbps



<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			

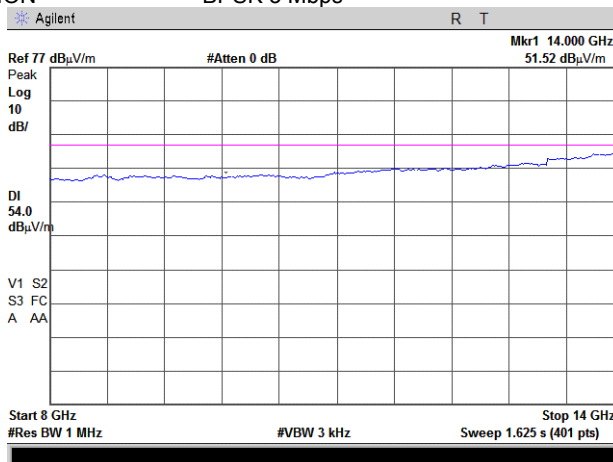
Plot 7.4.125 Radiated emission measurements from 8.0 to 14.0 GHz at the high carrier frequency (5340 MHz)

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



Plot 7.4.126 Radiated emission measurements from 8.0 to 14.0 GHz at the high carrier frequency (5340 MHz)

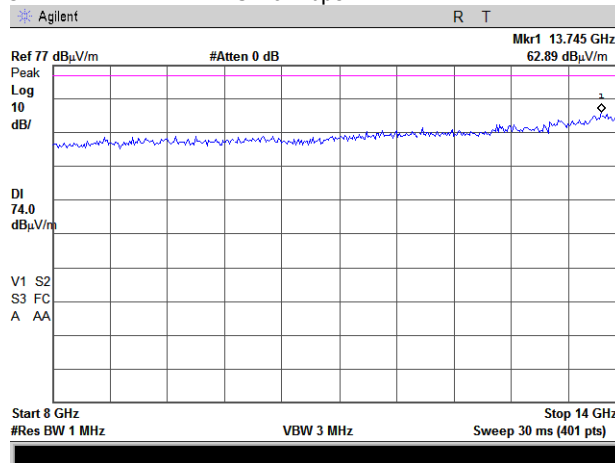
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW 10 MHz  
 MODULATION BPSK 3 Mbps



<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>	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			

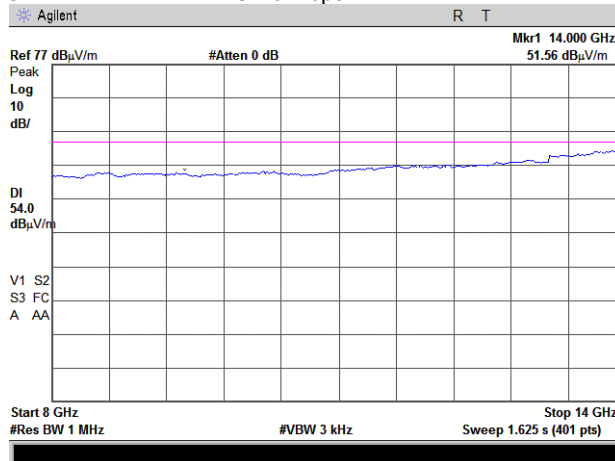
Plot 7.4.127 Radiated emission measurements from 8.0 to 14.0 GHz at the high carrier frequency (5332.5 MHz)

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



Plot 7.4.128 Radiated emission measurements from 8.0 to 14.0 GHz at the high carrier frequency (5332.5 MHz)

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

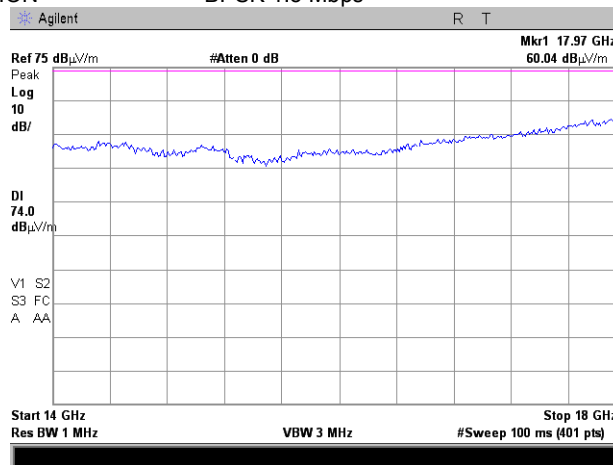




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air 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			

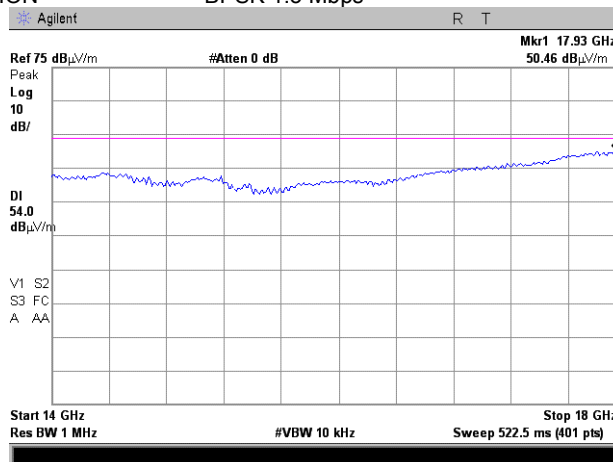
Plot 7.4.129 Radiated emission measurements from 14.0 to 18.0 GHz at the high carrier frequency (5345 MHz)

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



Plot 7.4.130 Radiated emission measurements from 14.0 to 18.0 GHz at the high carrier frequency (5345 MHz)

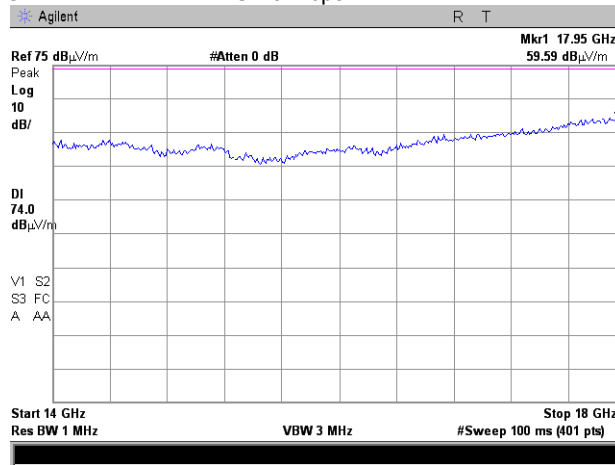
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 5 MHz  
 MODULATION: BPSK 1.5 Mbps



<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			

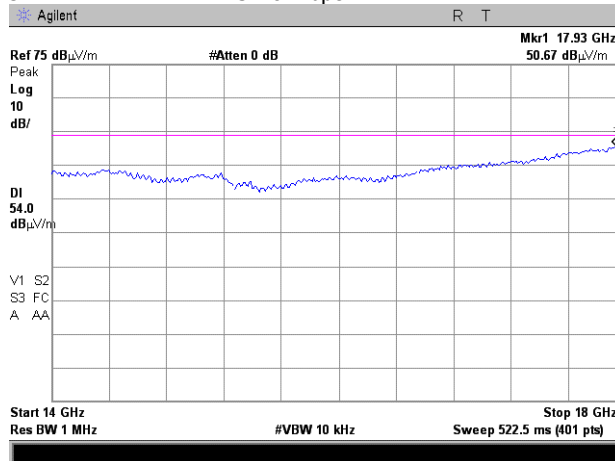
**Plot 7.4.131 Radiated emission measurements from 14.0 to 18.0 GHz at the high carrier frequency (5340 MHz)**

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



**Plot 7.4.132 Radiated emission measurements from 14.0 to 18.0 GHz at the high carrier frequency (5340 MHz)**

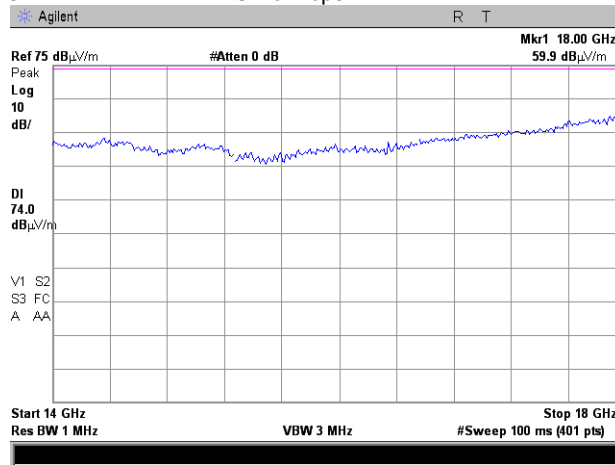
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW 10 MHz  
 MODULATION BPSK 3 Mbps



<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> 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			

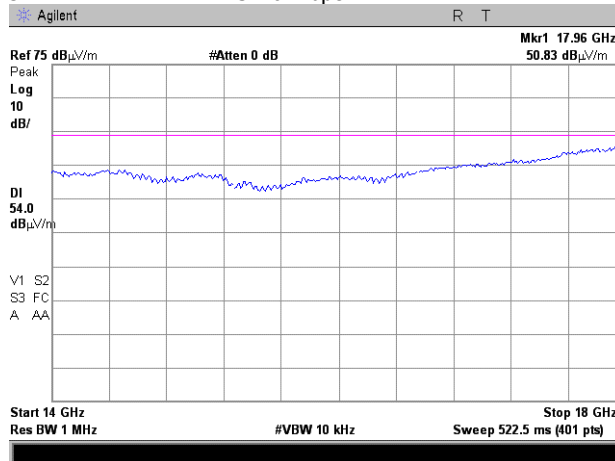
Plot 7.4.133 Radiated emission measurements from 14.0 to 18.0 GHz at the high carrier frequency (5332.5 MHz)

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



Plot 7.4.134 Radiated emission measurements from 14.0 to 18.0 GHz at the high carrier frequency (5332.5 MHz)

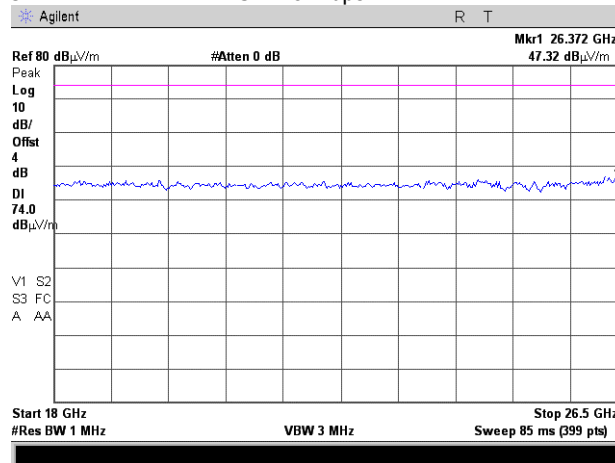
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 20 MHz  
 MODULATION: BPSK 6 Mbps



<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			

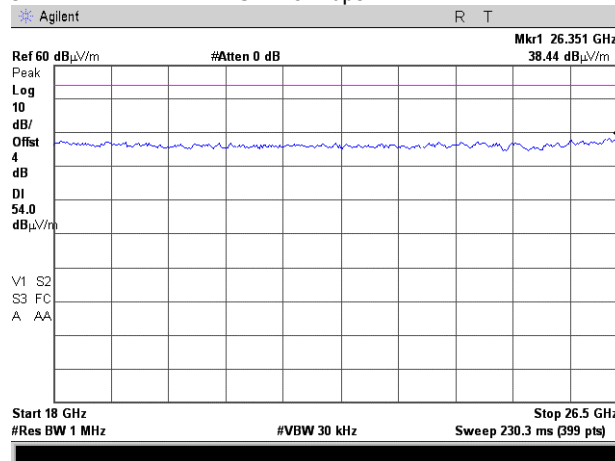
Plot 7.4.135 Radiated emission measurements from 18.0 to 26.5 GHz at the high carrier frequency (5345 MHz)

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



Plot 7.4.136 Radiated emission measurements from 18.0 to 26.5 GHz at the high carrier frequency (5345 MHz)

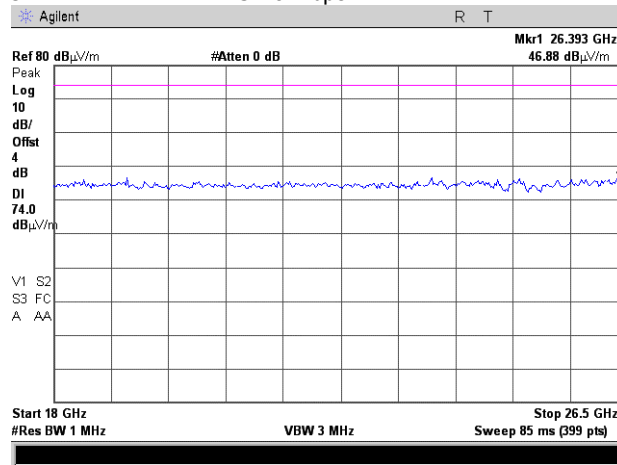
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 5 MHz  
 MODULATION: BPSK 1.5 Mbps



<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			

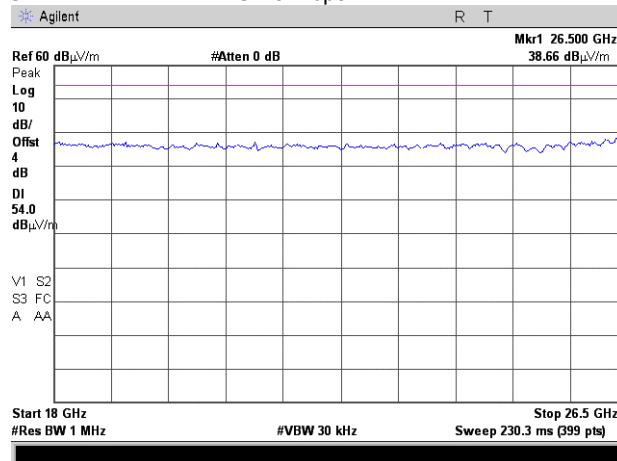
Plot 7.4.137 Radiated emission measurements from 18.0 to 26.5 GHz at the high carrier frequency (5340 MHz)

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



Plot 7.4.138 Radiated emission measurements from 18.0 to 26.5 GHz at the high carrier frequency (5340 MHz)

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

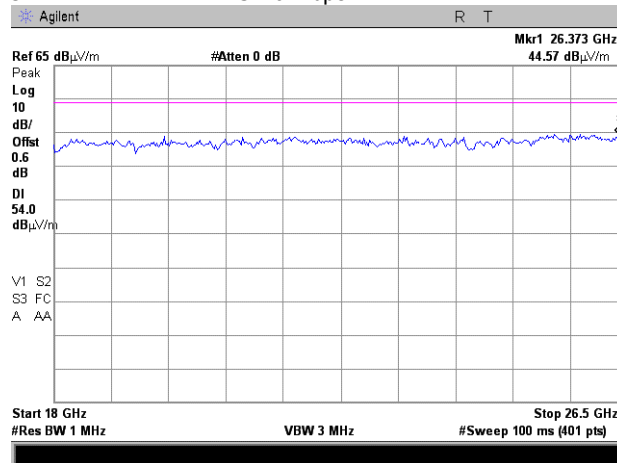




<b>Test specification:</b> Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions			
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance	<b>Verdict:</b> PASS		
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</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 7.4.139 Radiated emission measurements from 18.0 to 26.5 GHz at the high carrier frequency (5332.5 MHz)

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

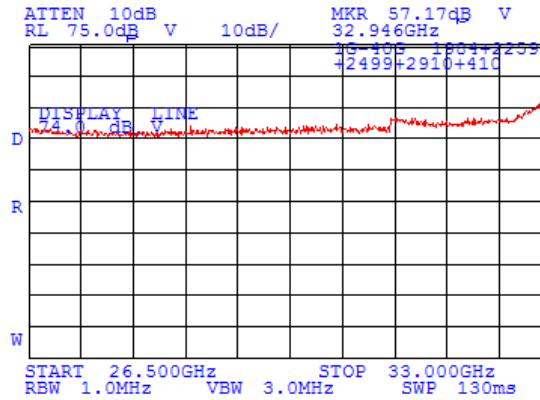




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</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			

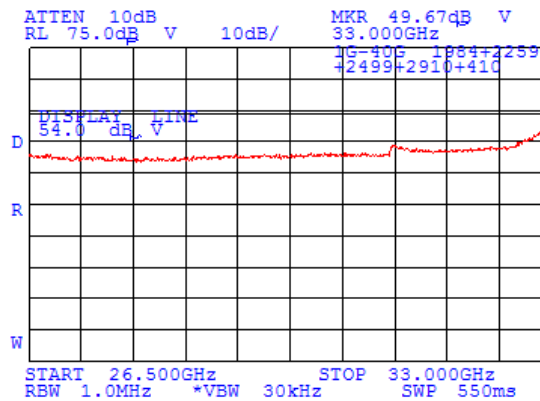
Plot 7.4.140 Radiated emission measurements from 26.5 to 33.0 GHz at the high carrier frequency (5345 MHz)

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



Plot 7.4.141 Radiated emission measurements from 26.5 to 33.0 GHz at the high carrier frequency (5345 MHz)

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

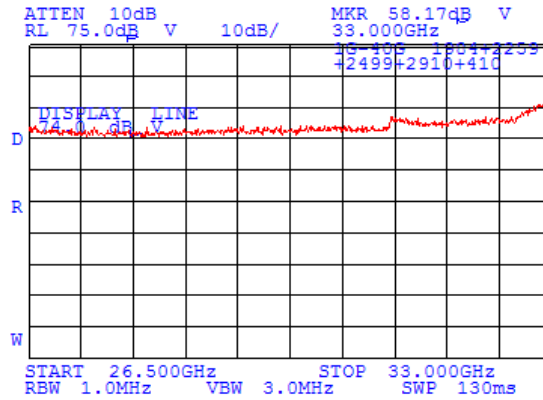




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</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			

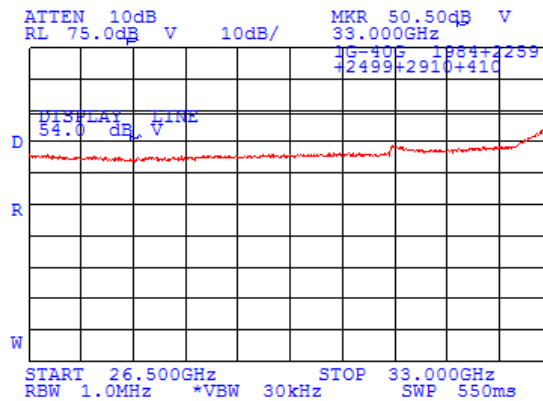
Plot 7.4.142 Radiated emission measurements from 26.5 to 33.0 GHz at the high carrier frequency (5340 MHz)

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



Plot 7.4.143 Radiated emission measurements from 26.5 to 33.0 GHz at the high carrier frequency (5340 MHz)

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



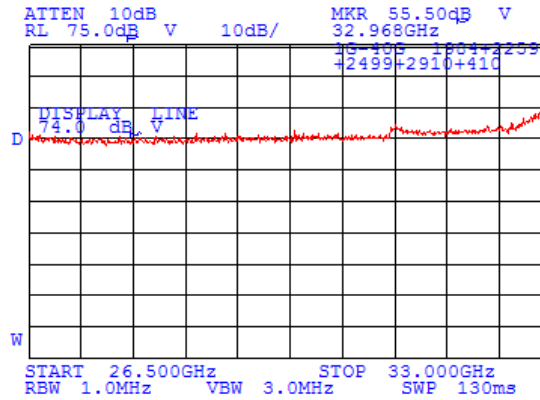




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</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			

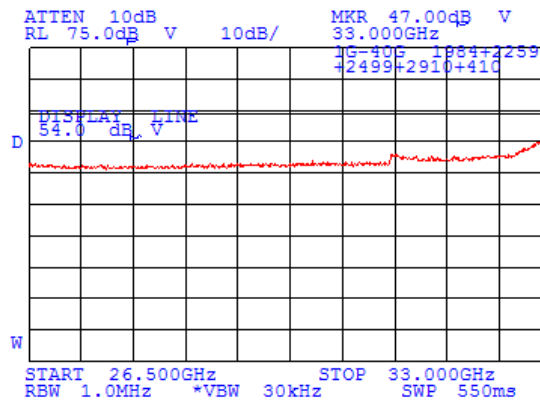
Plot 7.4.144 Radiated emission measurements from 26.5 to 33.0 GHz at the high carrier frequency (5332.5 MHz)

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



Plot 7.4.145 Radiated emission measurements from 26.5 to 33.0 GHz at the high carrier frequency (5332.5 MHz)

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

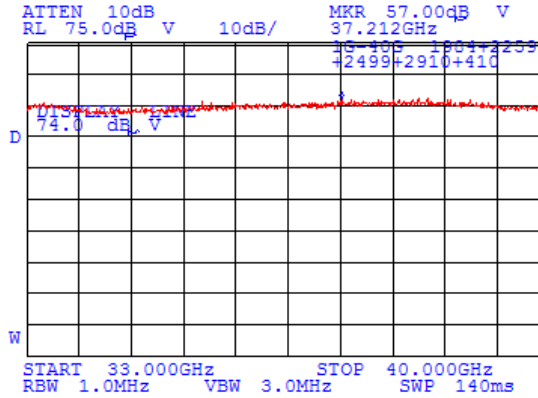




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air 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			

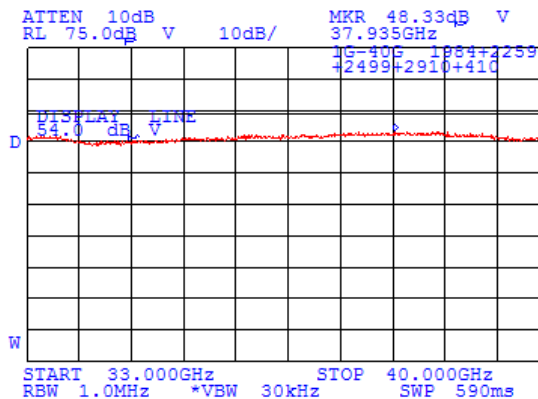
Plot 7.4.146 Radiated emission measurements from 33.0 to 40.0 GHz at the high carrier frequency (5345 MHz)

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



Plot 7.4.147 Radiated emission measurements from 33.0 to 40.0 GHz at the high carrier frequency (5345 MHz)

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

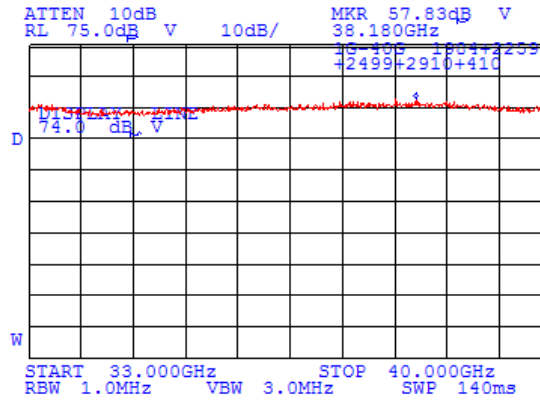




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air 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			

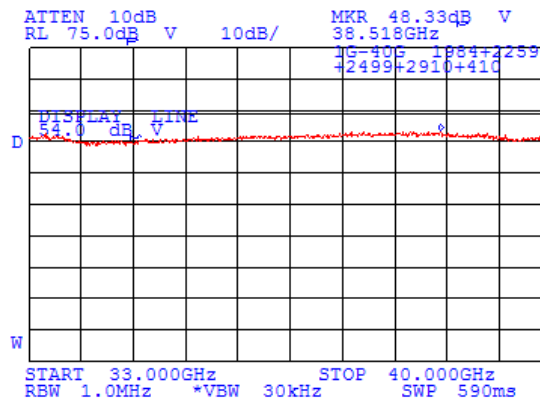
Plot 7.4.148 Radiated emission measurements from 33.0 to 40.0 GHz at the high carrier frequency (5340 MHz)

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



Plot 7.4.149 Radiated emission measurements from 33.0 to 40.0 GHz at the high carrier frequency (5340 MHz)

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

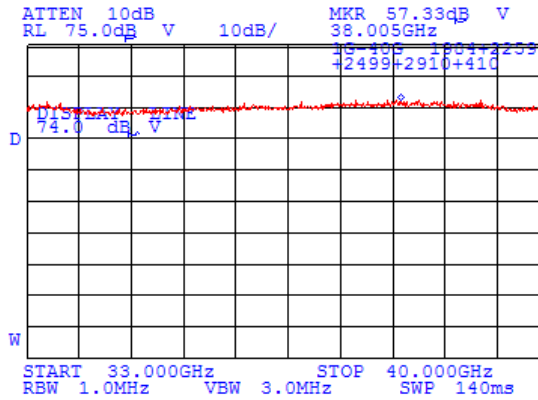




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air 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			

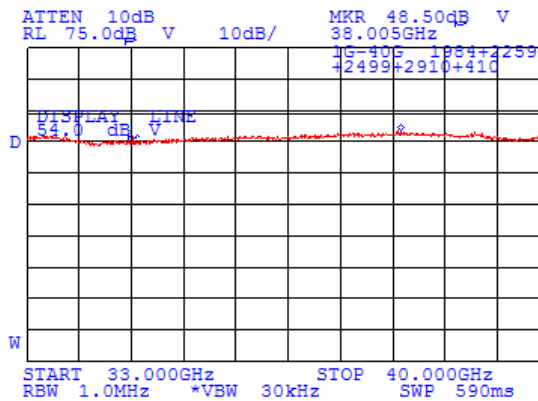
Plot 7.4.150 Radiated emission measurements from 33.0 to 40.0 GHz at the high carrier frequency (5332.5 MHz)

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



Plot 7.4.151 Radiated emission measurements from 33.0 to 40.0 GHz at the high carrier frequency (5332.5 MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Average  
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>	<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			

**Table 7.4.6 Field strength of spurious emissions below 1 GHz**

ASSIGNED FREQUENCY: 5250 - 5350 MHz  
 INVESTIGATED FREQUENCY RANGE: 0.009 – 1000 MHz  
 TEST DISTANCE: 3 m  
 MODULATION: OFDM BPSK  
 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: 1 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>									
5255	77.21	33.40	30.10	40.00	-9.90	Vertical	1.0	135	Pass
5255	666.67	30.00	27.00	46.00	-19.00	Vertical	1.0	90	
5255	933.30	41.50	40.20	46.00	-5.80	Vertical	1.0	225	
5300	78.00	31.20	27.40	40.00	-12.60	Vertical	1.0	90	
5300	666.70	30.20	27.50	46.00	-18.50	Vertical	1.0	90	
5300	933.30	41.60	40.40	46.00	-5.60	Vertical	1.0	225	
5345	77.24	33.00	29.00	40.00	-11.00	Vertical	1.0	180	
5345	666.67	29.80	27.00	46.00	-19.00	Vertical	1.0	90	
5345	933.30	41.40	40.40	46.00	-5.60	Vertical	1.0	225	
<b>10 MHz channel bandwidth</b>									
5275.5	77.79	30.30	26.70	40.00	-13.30	Vertical	1.0	0	Pass
5275.5	99.13	28.90	25.50	43.50	-18.00	Vertical	1.0	45	
5275.5	933.30	41.60	40.40	46.00	-5.60	Vertical	1.0	225	
5300	77.47	31.70	28.10	40.00	-11.90	Vertical	1.0	90	
5300	666.67	30.50	27.30	46.00	-18.70	Vertical	1.0	90	
5300	933.30	41.00	39.70	46.00	-6.30	Vertical	1.0	225	
5340	77.21	32.70	29.30	40.00	-10.70	Vertical	1.0	180	
5340	666.60	29.20	26.40	46.00	-19.60	Vertical	1.0	90	
5340	933.30	40.50	39.30	46.00	-6.70	Vertical	1.0	225	

<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			

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>									
5262.5	77.85	31.40	27.50	40.00	-12.50	Vertical	1.0	180	Pass
5262.5	99.13	30.80	26.70	43.50	-16.80	Vertical	1.0	180	
5262.5	933.30	41.20	39.90	46.00	-6.10	Vertical	1.0	225	
5300	77.69	31.40	28.30	40.00	-11.70	Vertical	1.0	180	
5300	666.70	28.70	25.70	46.00	-20.30	Vertical	1.0	225	
5300	933.30	40.90	39.60	46.00	-6.40	Vertical	1.0	225	
5332.5	77.85	31.10	27.50	40.00	-12.50	Vertical	1.0	45	
5332.5	99.00	29.90	27.10	43.50	-16.40	Vertical	1.0	180	
5332.5	933.30	41.00	39.70	46.00	-6.30	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 0604	HL 1425	HL 1556	HL 1947	HL 1984	HL 2909
HL 2910	HL 3123						

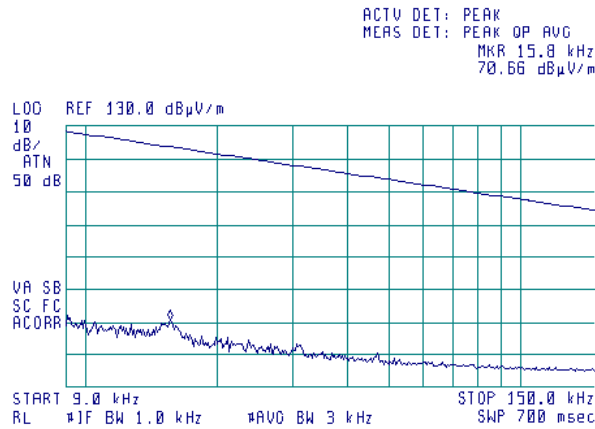
Full description is given in Appendix A.



<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			

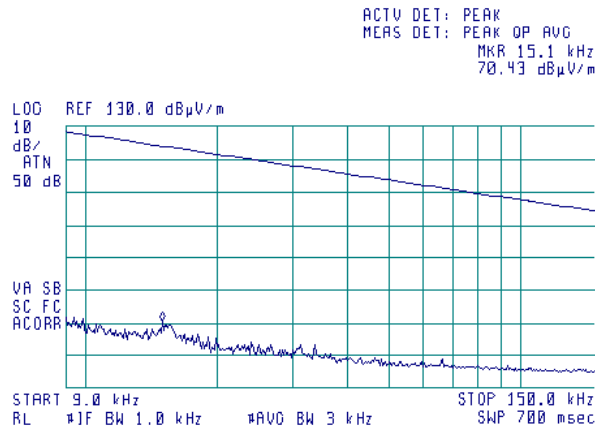
Plot 7.4.152 Radiated emission measurements from 9 to 150 kHz at the low carrier frequency (5255 MHz)

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



Plot 7.4.153 Radiated emission measurements from 9 to 150 kHz at the low carrier frequency (5257.5 MHz)

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

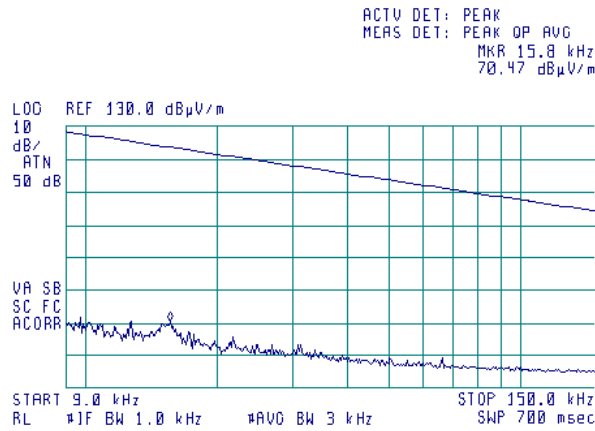




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air 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			

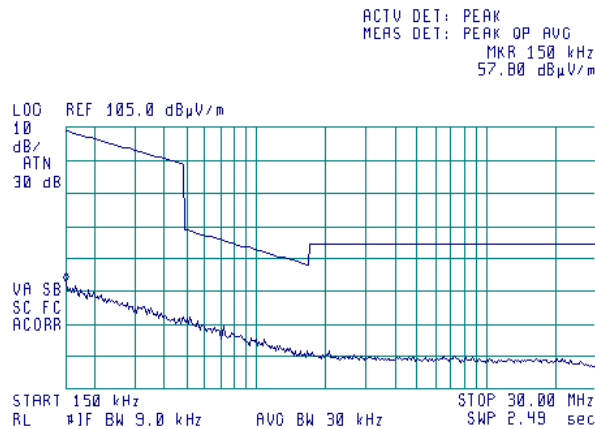
Plot 7.4.154 Radiated emission measurements from 9 to 150 kHz at the low carrier frequency (5262.5 MHz)

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



Plot 7.4.155 Radiated emission measurements from 0.15 to 30 MHz at the low carrier frequency (5255 MHz)

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



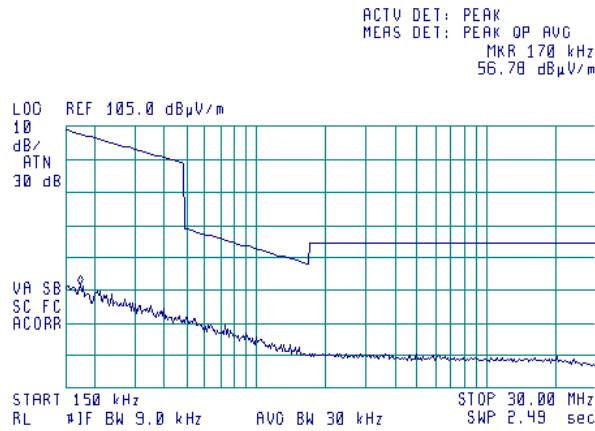




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</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			

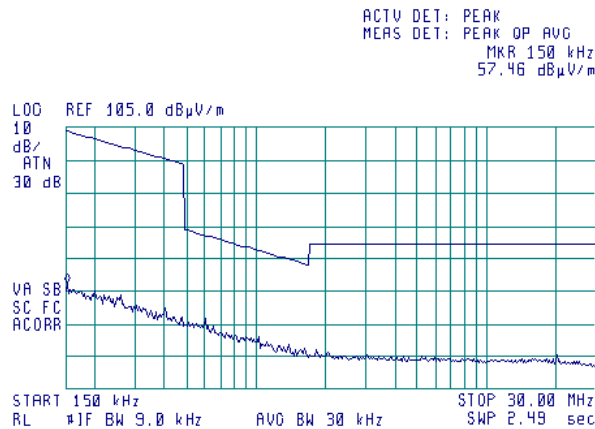
Plot 7.4.156 Radiated emission measurements from 0.15 to 30 MHz at the low carrier frequency (5257.5 MHz)

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



Plot 7.4.157 Radiated emission measurements from 0.15 to 30 MHz at the low carrier frequency (5262.5 MHz)

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

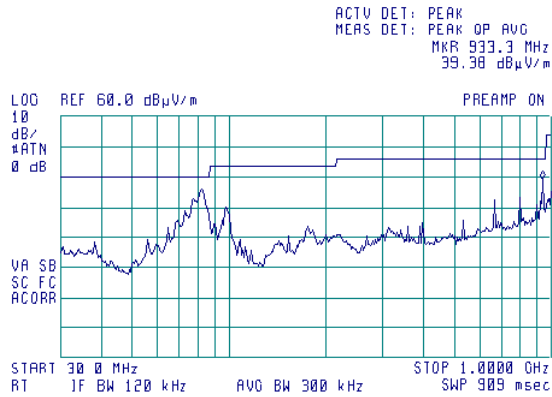




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</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 7.4.158 Radiated emission measurements from 30 to 1000 MHz at the low carrier frequency (5255 MHz)

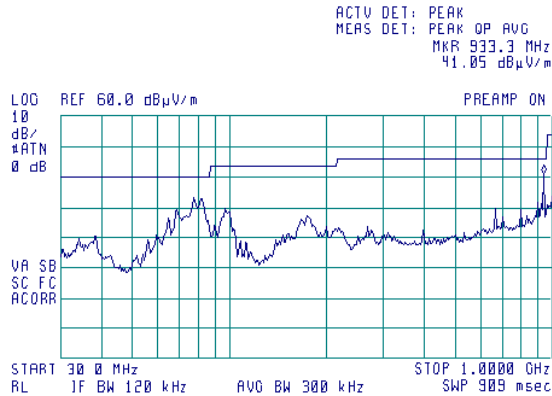
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 MODULATION: OFDM BPSK  
 EBW: 5MHz



Note: all spurious from digital part of EUT.

Plot 7.4.159 Radiated emission measurements from 30 to 1000 MHz at the low carrier frequency (5257.5 MHz)

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



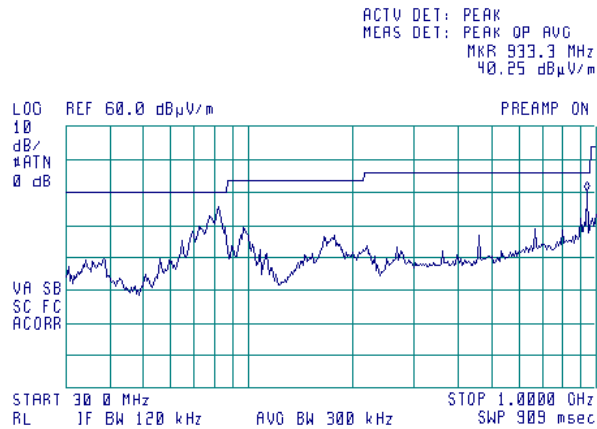
Note: all spurious from digital part of EUT.



<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>	<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 7.4.160 Radiated emission measurements from 30 to 1000 MHz at the low carrier frequency (5262.5 MHz)

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



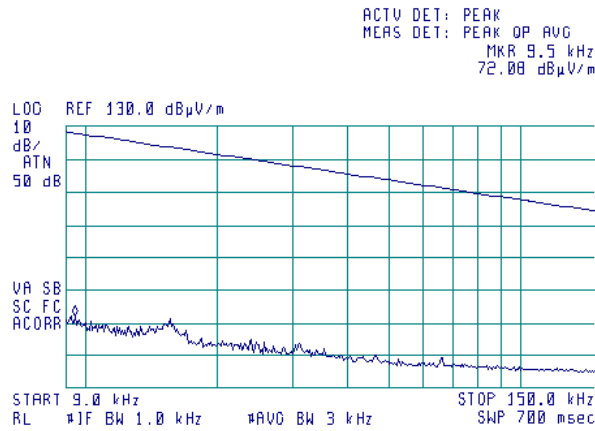
Note: all spurious from digital part of EUT.



<b>Test specification:</b> Section 15.407(b), RSS-210 Annex 9, section A9.3 <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 external antenna, measurements below 1 GHz			

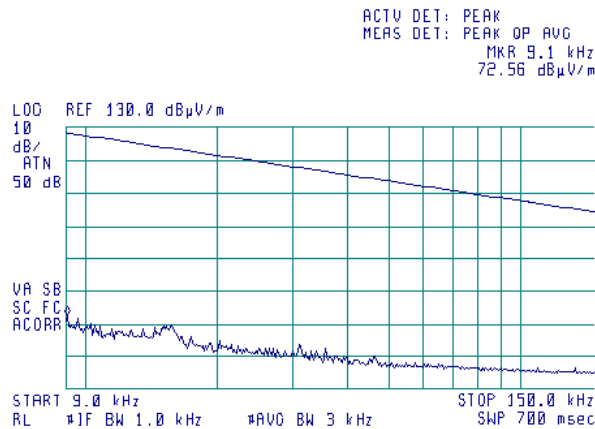
Plot 7.4.161 Radiated emission measurements from 9 to 150 kHz at the mid carrier frequency (5300 MHz)

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



Plot 7.4.162 Radiated emission measurements from 9 to 150 kHz at the mid carrier frequency (5300 MHz)

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

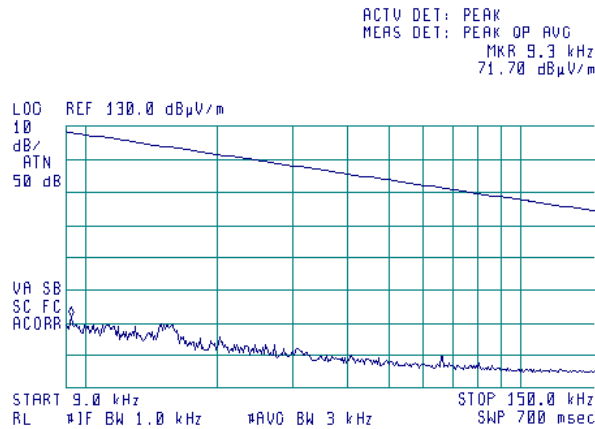




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air 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			

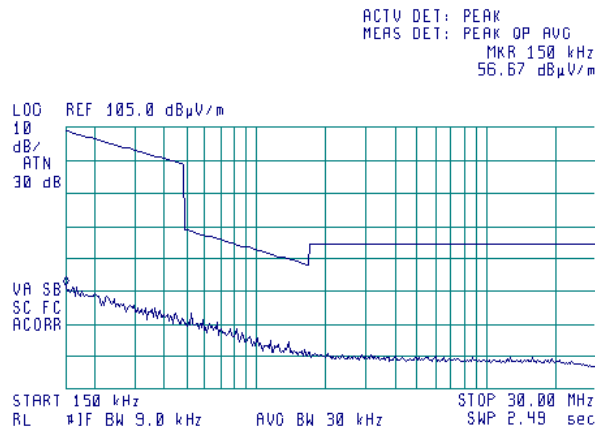
Plot 7.4.163 Radiated emission measurements from 9 to 150 kHz at the mid carrier frequency (5300 MHz)

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



Plot 7.4.164 Radiated emission measurements from 0.15 to 30 MHz at the mid carrier frequency (5300 MHz)

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

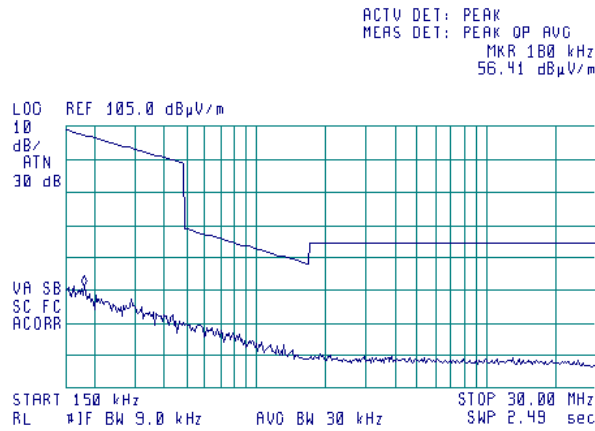




<b>Test specification:</b> Section 15.407(b), RSS-210 Annex 9, section A9.3 <b>Unwanted radiated emissions</b>			
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance	<b>Verdict:</b> PASS		
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air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

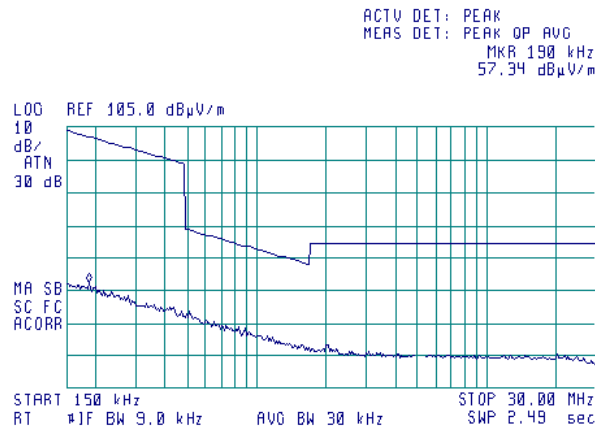
Plot 7.4.165 Radiated emission measurements from 0.15 to 30 MHz at the mid carrier frequency (5300 MHz)

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



Plot 7.4.166 Radiated emission measurements from 0.15 to 30 MHz at the mid carrier frequency (5300 MHz)

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

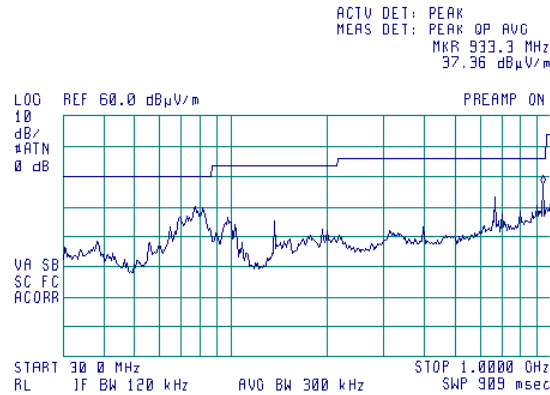




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air 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 7.4.167 Radiated emission measurements from 30 to 1000 MHz at the mid carrier frequency (5300 MHz)

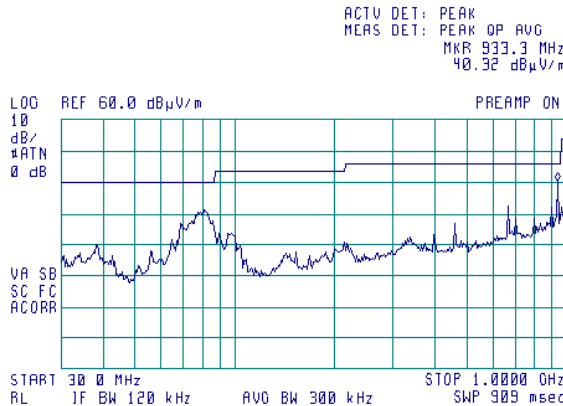
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 MODULATION: OFDM BPSK  
 EBW: 5MHz



Note: all spurious from digital part of EUT.

Plot 7.4.168 Radiated emission measurements from 30 to 1000 MHz at the mid carrier frequency (5300 MHz)

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

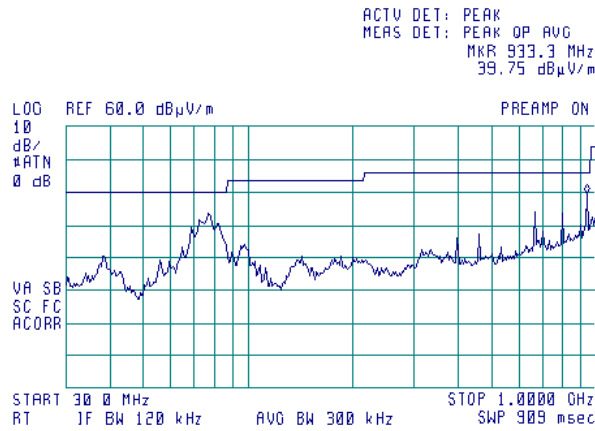




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air 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 7.4.169 Radiated emission measurements from 30 to 1000 MHz at the mid carrier frequency (5300 MHz)

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.

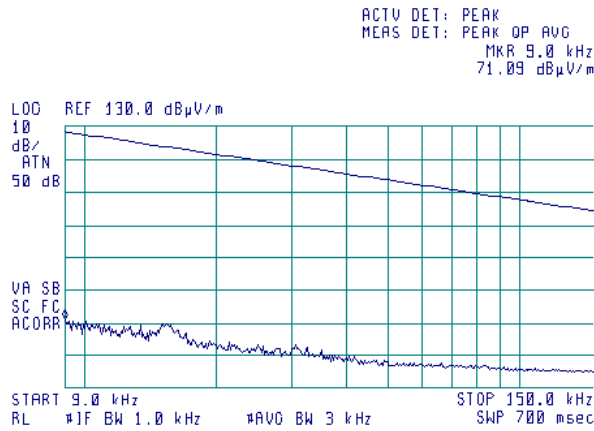




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</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			

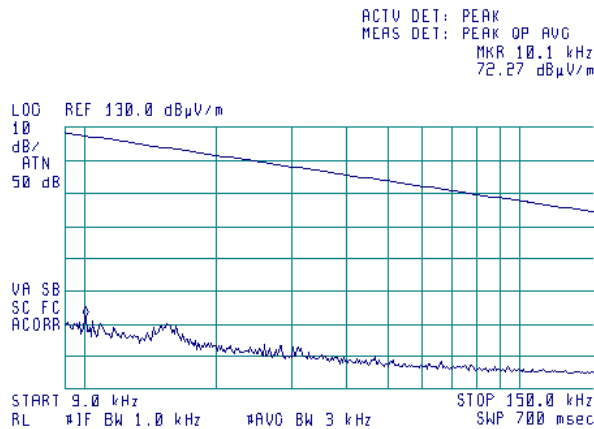
Plot 7.4.170 Radiated emission measurements from 9 to 150 kHz at the high carrier frequency (5345 MHz)

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



Plot 7.4.171 Radiated emission measurements from 9 to 150 kHz at the high carrier frequency (5340 MHz)

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

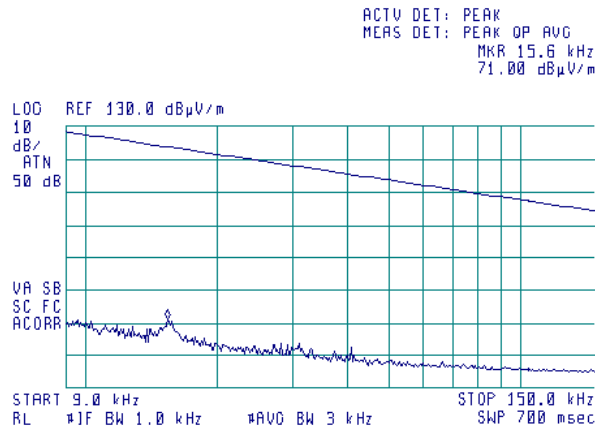




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air 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			

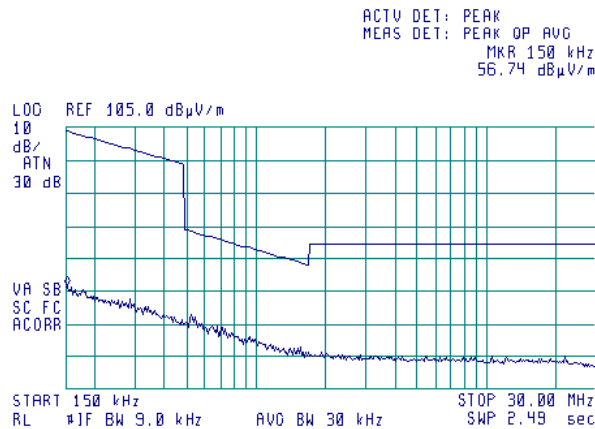
Plot 7.4.172 Radiated emission measurements from 9 to 150 kHz at the high carrier frequency (5332.5 MHz)

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



Plot 7.4.173 Radiated emission measurements from 0.15 to 30 MHz at the high carrier frequency (5345 MHz)

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

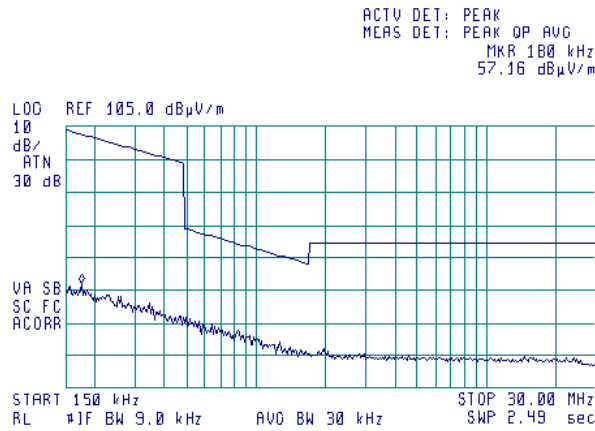




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</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			

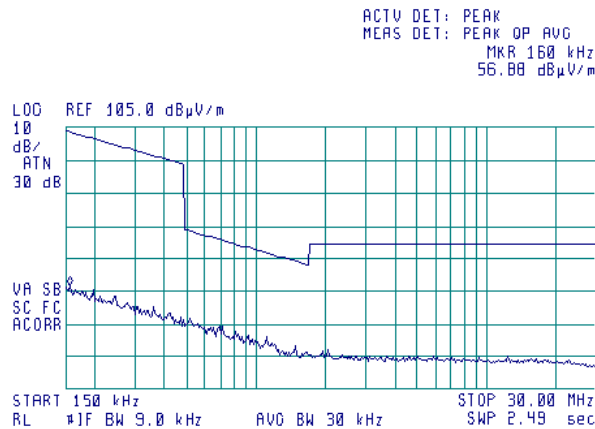
Plot 7.4.174 Radiated emission measurements from 0.15 to 30 MHz at the high carrier frequency (5340 MHz)

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



Plot 7.4.175 Radiated emission measurements from 0.15 to 30 MHz at the high carrier frequency (5332.5 MHz)

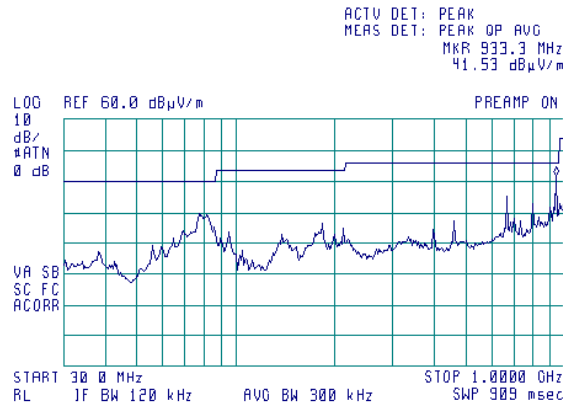
TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
MODULATION: OFDM BPSK  
EBW: 20MHz



<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 7.4.176 Radiated emission measurements from 30 to 1000 MHz at the high carrier frequency (5345 MHz)**

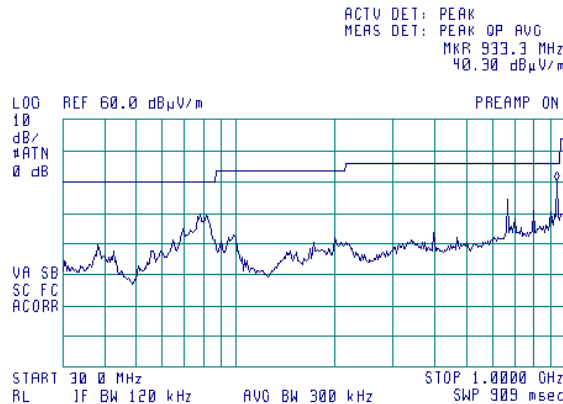
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 MODULATION: OFDM BPSK  
 EBW: 5MHz



Note: all spurious from digital part of EUT.

**Plot 7.4.177 Radiated emission measurements from 30 to 1000 MHz at the high carrier frequency (5340 MHz)**

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

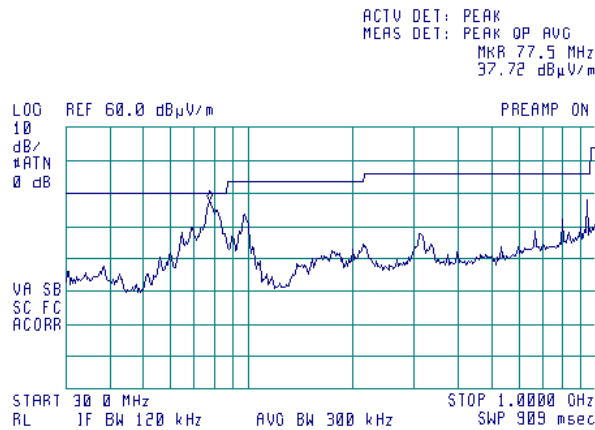




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</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 7.4.178 Radiated emission measurements from 30 to 1000 MHz at the high carrier frequency (5332.5 MHz)

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> 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> 6/23/2008			
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

Table 7.4.7 Field strength of spurious emissions within restricted bands

ASSIGNED FREQUENCY: 5250 - 5350 MHz  
 INVESTIGATED FREQUENCY RANGE: 1 – 40 GHz  
 TEST DISTANCE: 3 m  
 MODULATION: OFDM BPSK  
 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: 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>											
5255	1200.0	43.50	74.0	-30.5	37.37	54.00	-16.63	Vertical	1.1	180	Pass
5255	5120.0	59.00	74.0	-25.0	46.86	54.00	-7.14	Vertical	1.0	0	
5300	1200.0	43.30	74.0	-30.7	37.06	54.00	-16.94	Vertical	1.1	180	
5300	5120.0	58.40	74.0	-25.6	46.21	54.00	-7.79	Vertical	1.0	0	
5345	1200.0	43.40	74.0	-30.6	37.06	54.00	-16.94	Vertical	1.1	180	
5345	5120.0	59.60	74.0	-24.4	48.07	54.00	-5.93	Vertical	1.0	0	
<b>10 MHz channel bandwidth</b>											
5257.5	1200.0	43.70	74.0	-30.3	37.02	54.00	-16.98	Vertical	1.1	180	Pass
5257.5	5120.0	59.50	74.0	-24.5	48.65	54.00	-5.35	Vertical	1.0	0	
5300	1200.0	43.60	74.0	-30.4	37.23	54.00	-16.77	Vertical	1.1	180	
5300	5120.0	59.30	74.0	-24.7	47.57	54.00	-6.43	Vertical	1.0	0	
5340	1200.0	43.10	74.0	-30.9	36.95	54.00	-17.05	Vertical	1.1	180	
5340	5120.0	59.50	74.0	-24.5	48.42	54.00	-5.58	Vertical	1.0	0	
<b>20 MHz channel bandwidth</b>											
5262.5	5120.0	43.60	74.0	-30.4	36.95	54.00	-17.05	Vertical	1.1	180	Pass
5262.5	1200.0	59.70	74.0	-24.3	48.79	54.00	-5.21	Vertical	1.0	0	
5300	1200.0	44.30	74.0	-29.6	37.39	54.00	-16.61	Vertical	1.1	180	
5300	5120.0	59.70	74.0	-24.3	48.86	54.00	-5.14	Vertical	1.0	0	
5332.5	1200.0	43.40	74.0	-30.6	37.11	54.00	-16.89	Vertical	1.1	180	
5332.5	5120.0	59.60	74.0	-24.4	49.52	54.00	-4.48	Vertical	1.0	0	

\*- Margin = Measured emission – specification limit.

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



<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>		6/23/2008			
<b>Temperature:</b> 23°C		<b>Air Pressure:</b> 1008 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 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	

**Reference numbers of test equipment used**

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

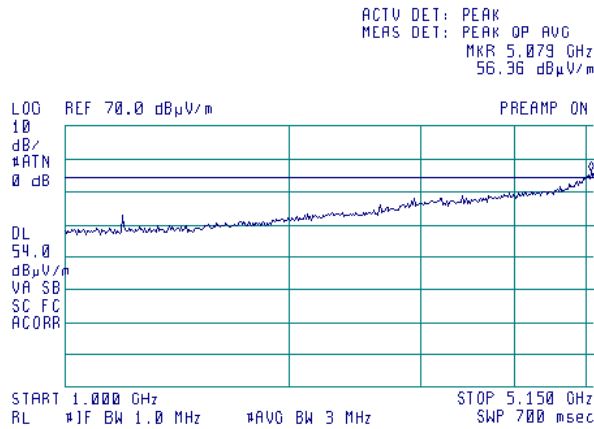
Full description is given in Appendix A.



<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>	<b>PASS</b>
<b>Date:</b>	6/23/2008		
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

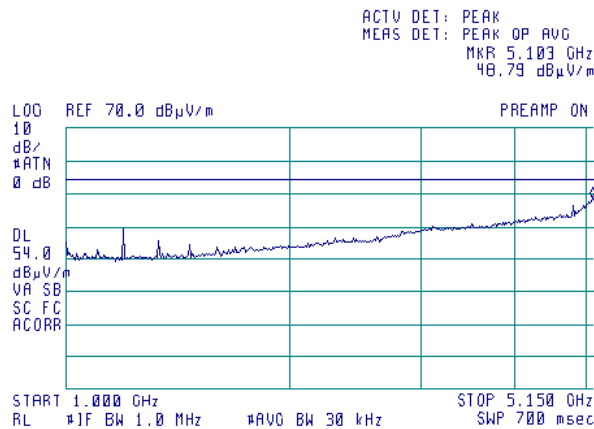
Plot 7.4.179 Radiated emission measurements from 1.0 to 5.15 GHz at the low carrier frequency (5255 MHz)

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



Plot 7.4.180 Radiated emission measurements from 1.0 to 5.15 GHz at the low carrier frequency (5255 MHz)

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



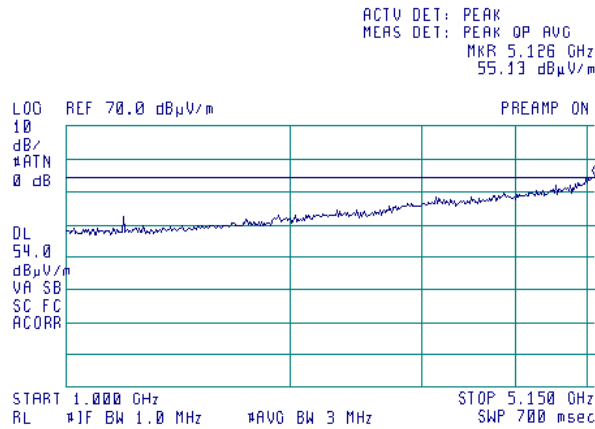




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/23/2008		
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

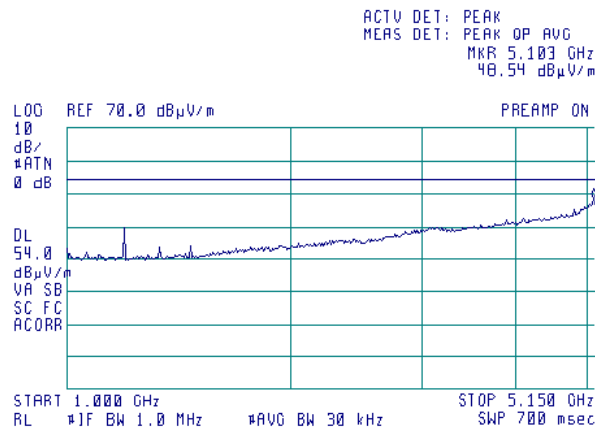
Plot 7.4.181 Radiated emission measurements from 1.0 to 5.15 GHz at the low carrier frequency (5257.5 MHz)

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



Plot 7.4.182 Radiated emission measurements from 1.0 to 5.15 GHz at the low carrier frequency (5257.5 MHz)

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

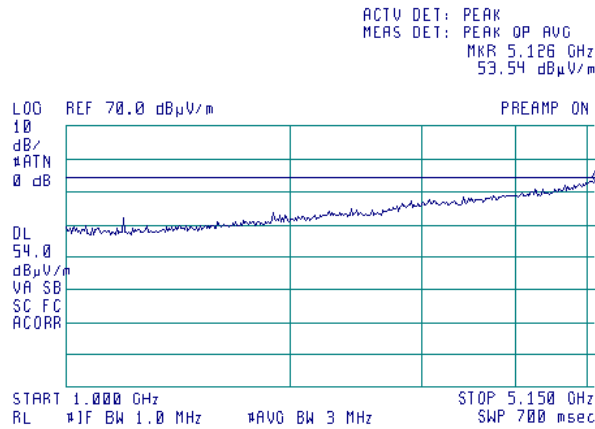




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/23/2008		
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

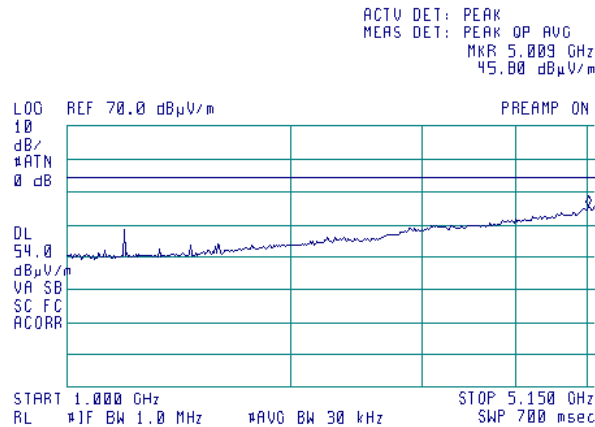
Plot 7.4.183 Radiated emission measurements from 1.0 to 5.15 GHz at the low carrier frequency (5262.5 MHz)

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



Plot 7.4.184 Radiated emission measurements from 1.0 to 5.15 GHz at the low carrier frequency (5262.5 MHz)

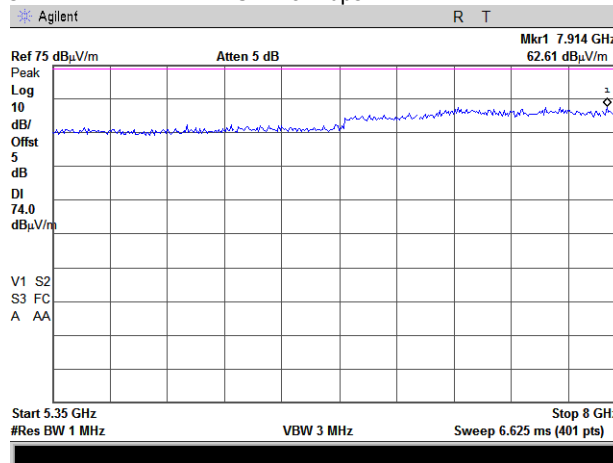
TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Average  
EBW: 20MHz



<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>	6/23/2008		
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

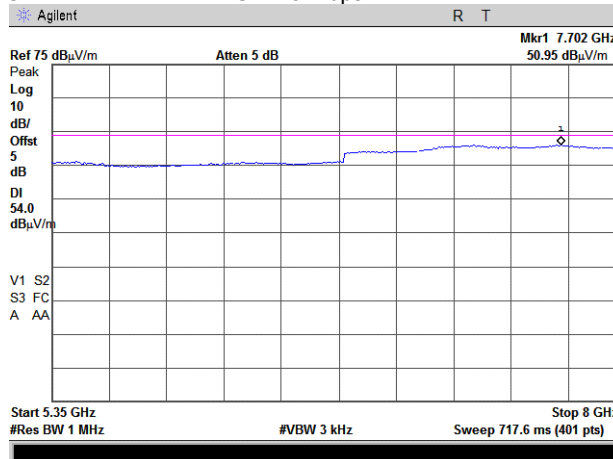
Plot 7.4.185 Radiated emission measurements from 5.35 to 8.0 GHz at the low carrier frequency (5255 MHz)

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



Plot 7.4.186 Radiated emission measurements from 5.35 to 8.0 GHz at the low carrier frequency (5255 MHz)

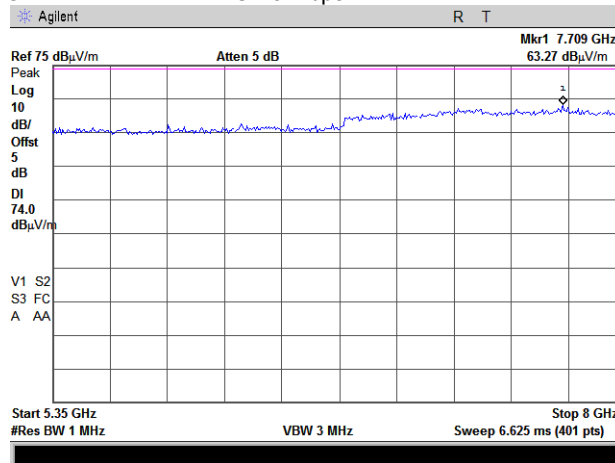
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 5 MHz  
 MODULATION: BPSK 1.5 Mbps



<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>	6/23/2008		
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

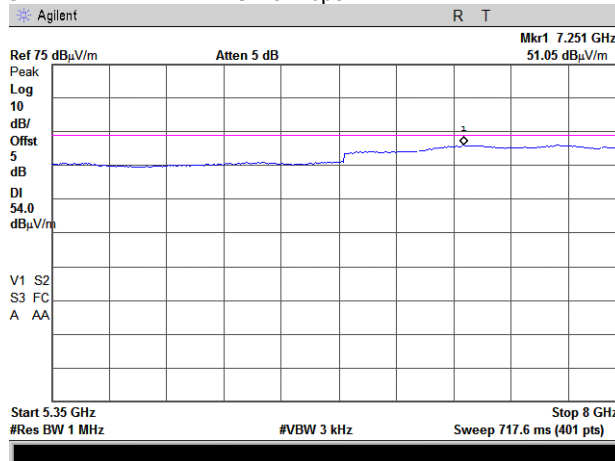
Plot 7.4.187 Radiated emission measurements from 5.35 to 8.0 GHz at the low carrier frequency (5257.5 MHz)

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



Plot 7.4.188 Radiated emission measurements from 5.35 to 8.0 GHz at the low carrier frequency (5257.5 MHz)

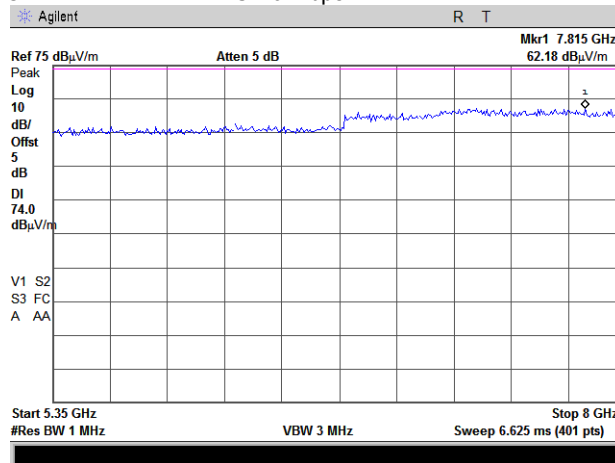
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 10 MHz  
 MODULATION: BPSK 3 Mbps



<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>	PASS
<b>Date:</b>	6/23/2008		
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

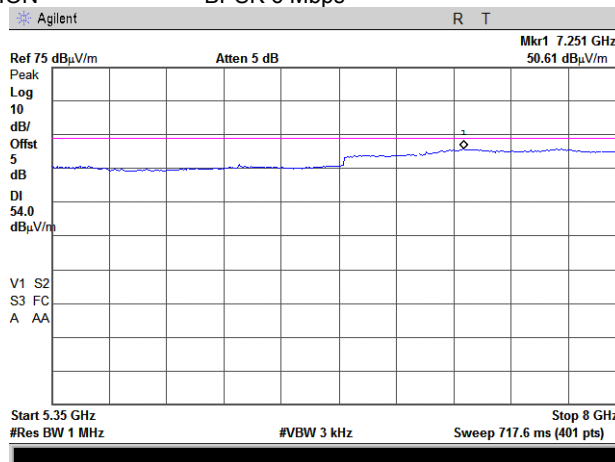
**Plot 7.4.189 Radiated emission measurements from 5.35 to 8.0 GHz at the low carrier frequency (5262.5 MHz)**

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



**Plot 7.4.190 Radiated emission measurements from 5.35 to 8.0 GHz at the low carrier frequency (5262.5 MHz)**

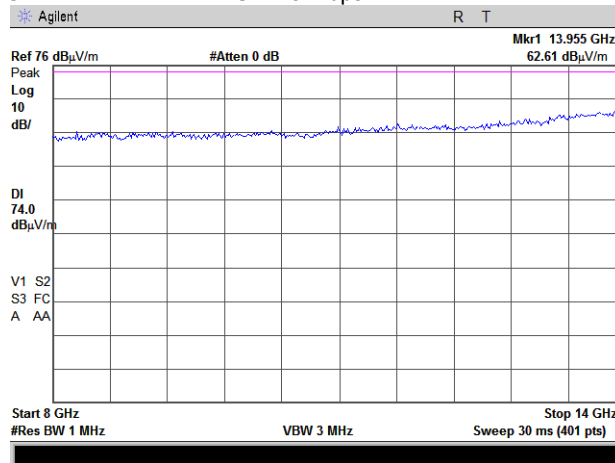
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 20 MHz  
 MODULATION: BPSK 6 Mbps



<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>	6/23/2008		
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

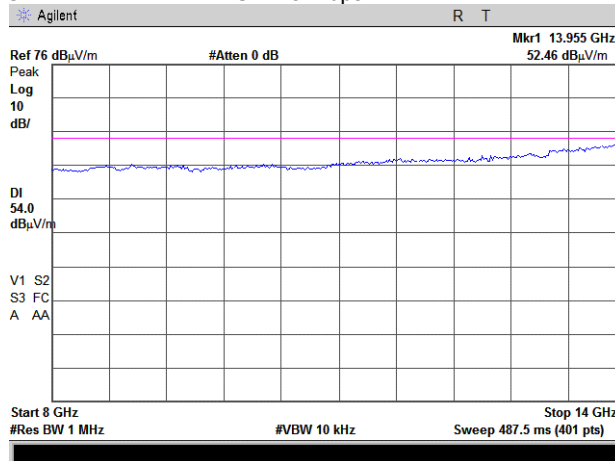
Plot 7.4.191 Radiated emission measurements from 8.0 to 14.0 GHz at the low carrier frequency (5255 MHz)

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



Plot 7.4.192 Radiated emission measurements from 8.0 to 14.0 GHz at the low carrier frequency (5255 MHz)

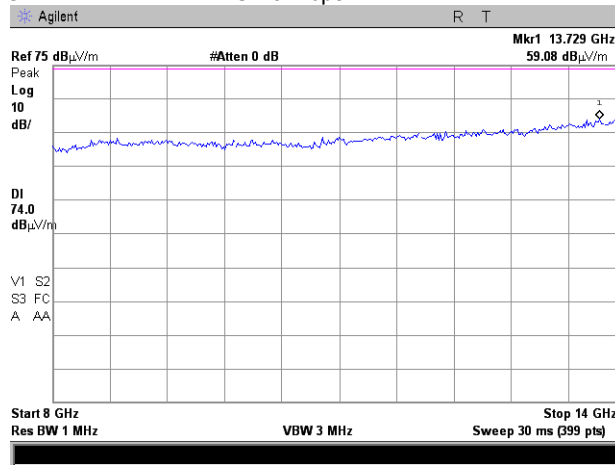
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 5 MHz  
 MODULATION: BPSK 1.5 Mbps



<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>	6/23/2008		
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

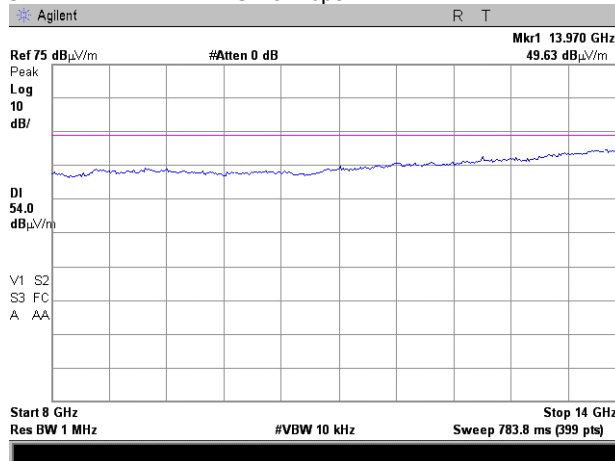
**Plot 7.4.193 Radiated emission measurements from 8.0 to 14.0 GHz at the low carrier frequency (5257.5 MHz)**

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



**Plot 7.4.194 Radiated emission measurements from 8.0 to 14.0 GHz at the low carrier frequency (5257.5 MHz)**

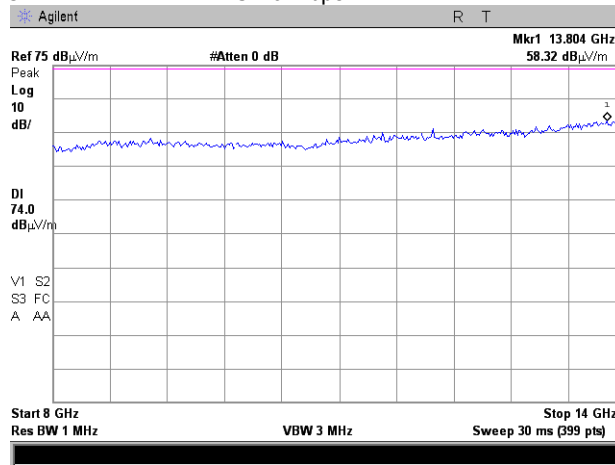
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW 10 MHz  
 MODULATION BPSK 3 Mbps



<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>	PASS
<b>Date:</b>	6/23/2008		
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

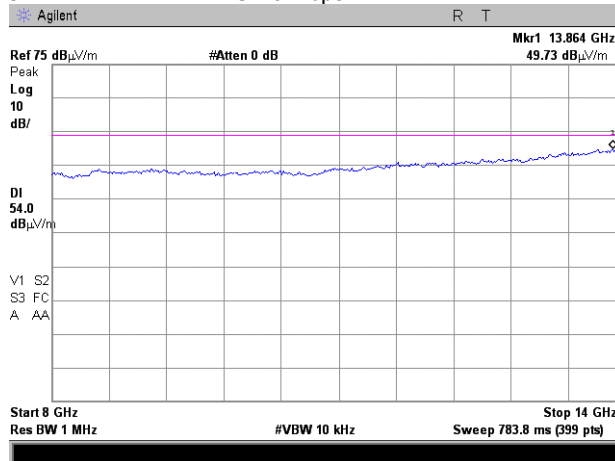
**Plot 7.4.195 Radiated emission measurements from 8.0 to 14.0 GHz at the low carrier frequency (5262.5 MHz)**

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



**Plot 7.4.196 Radiated emission measurements from 8.0 to 14.0 GHz at the low carrier frequency (5262.5 MHz)**

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



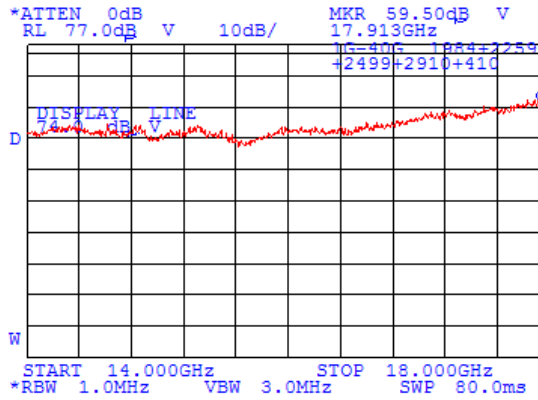




<b>Test specification:</b> Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions			
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance	<b>Verdict:</b> PASS		
<b>Date:</b> 6/23/2008			
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

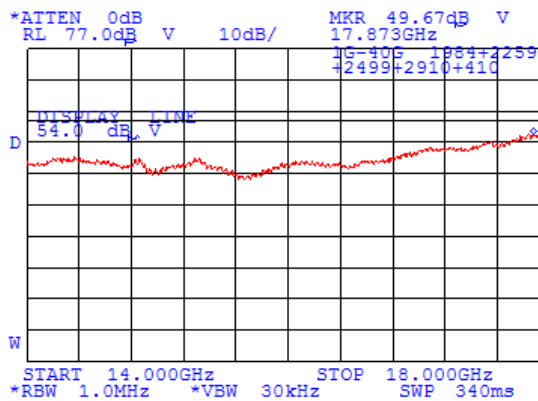
Plot 7.4.197 Radiated emission measurements from 14.0 to 18.0 GHz at the low carrier frequency (5255 MHz)

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



Plot 7.4.198 Radiated emission measurements from 14.0 to 18.0 GHz at the low carrier frequency (5255 MHz)

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

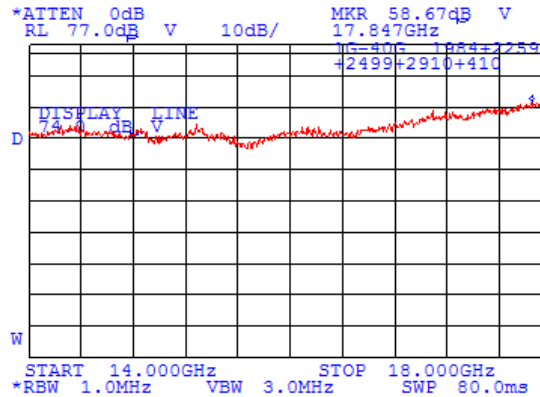




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/23/2008		
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

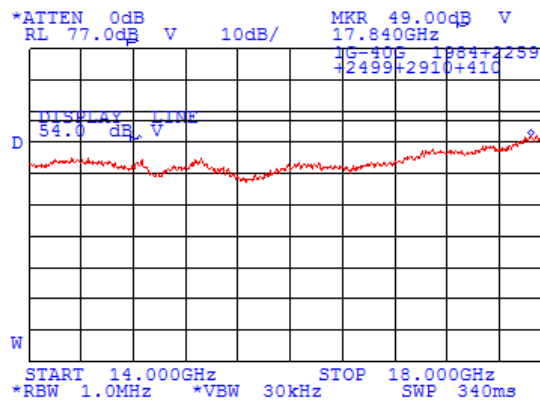
Plot 7.4.199 Radiated emission measurements from 14.0 to 18.0 GHz at the low carrier frequency (5257.5 MHz)

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



Plot 7.4.200 Radiated emission measurements from 14.0 to 18.0 GHz at the low carrier frequency (5257.5 MHz)

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

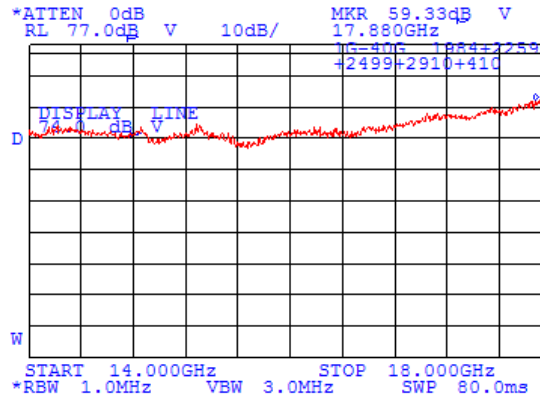




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/23/2008		
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

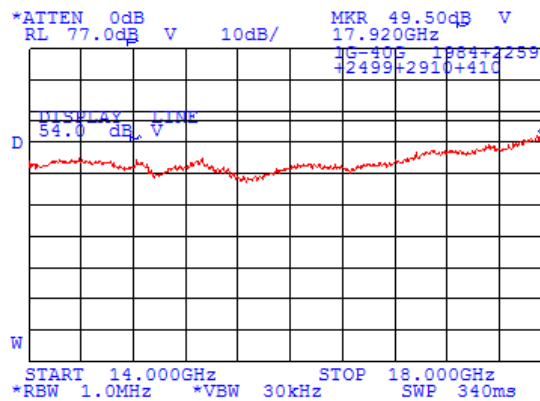
Plot 7.4.201 Radiated emission measurements from 14.0 to 18.0 GHz at the low carrier frequency (5262.5 MHz)

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



Plot 7.4.202 Radiated emission measurements from 14.0 to 18.0 GHz at the low carrier frequency (5262.5 MHz)

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

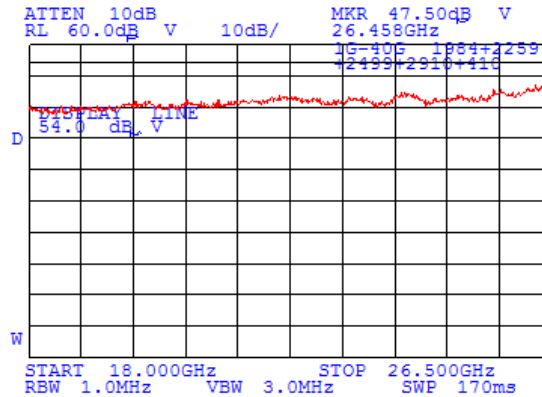




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date:</b> 6/23/2008			
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

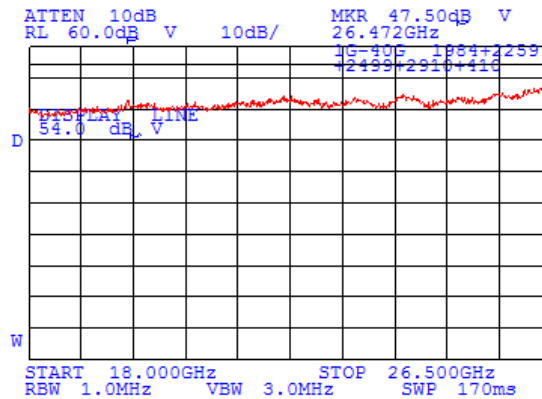
Plot 7.4.203 Radiated emission measurements from 18.0 to 26.5 GHz at the low carrier frequency (5255 MHz)

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



Plot 7.4.204 Radiated emission measurements from 18.0 to 26.5 GHz at the low carrier frequency (5257.5 MHz)

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

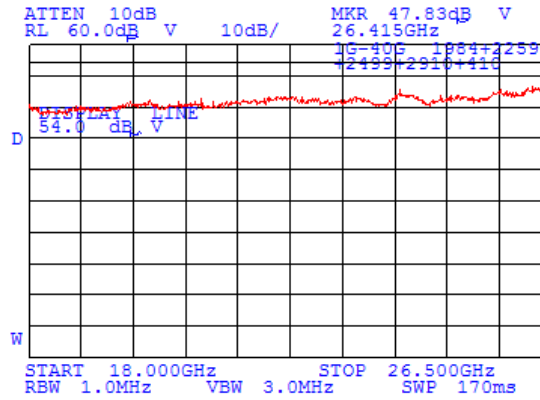




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/23/2008		
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

Plot 7.4.205 Radiated emission measurements from 18.0 to 26.5 GHz at the low carrier frequency (5262.5 MHz)

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

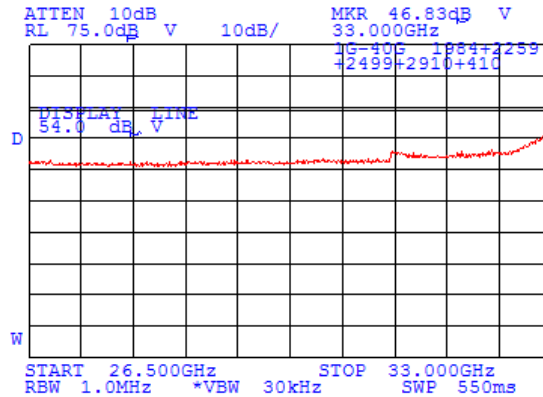




<b>Test specification:</b> Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions			
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance	<b>Verdict:</b> PASS		
<b>Date:</b> 6/23/2008			
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

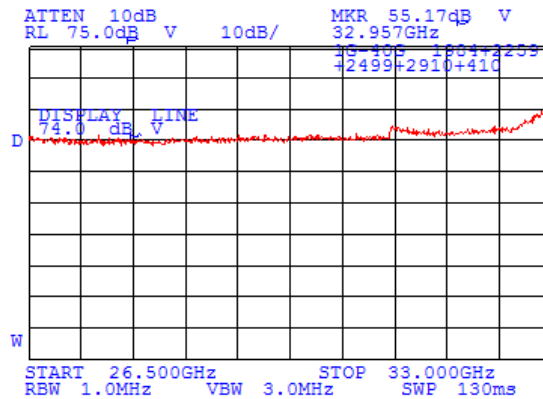
Plot 7.4.206 Radiated emission measurements from 26.5 to 33.0 GHz at the low carrier frequency (5255 MHz)

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



Plot 7.4.207 Radiated emission measurements from 26.5 to 33.0 GHz at the low carrier frequency (5255 MHz)

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

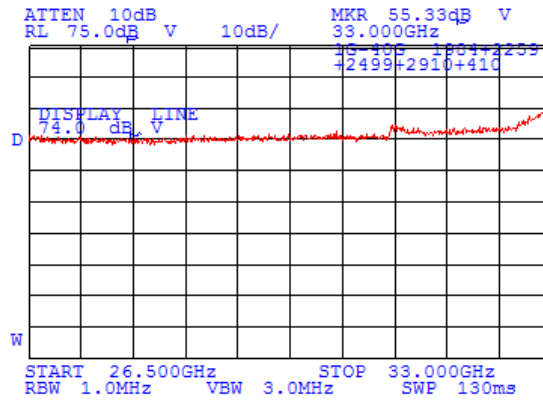




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/23/2008		
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

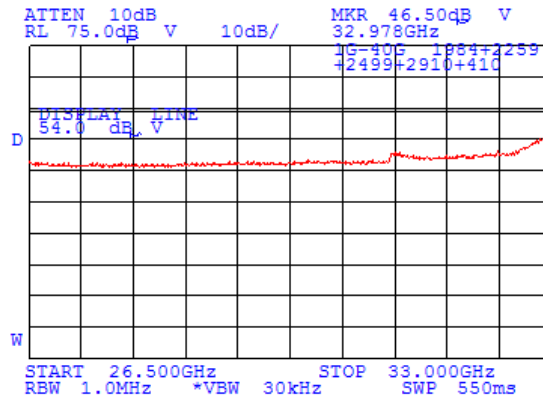
Plot 7.4.208 Radiated emission measurements from 26.5 to 33.0 GHz at the low carrier frequency (5257.5 MHz)

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



Plot 7.4.209 Radiated emission measurements from 26.5 to 33.0 GHz at the low carrier frequency (5257.5 MHz)

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

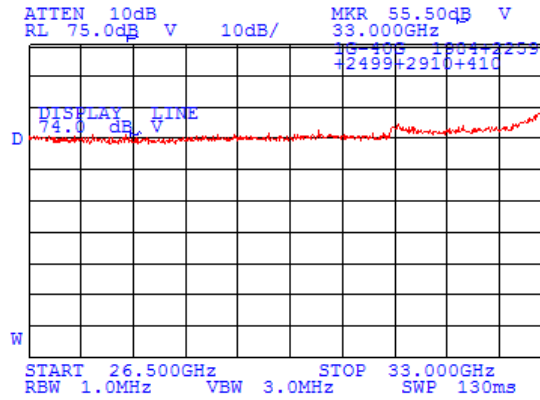




<b>Test specification:</b> Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions			
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance	<b>Verdict:</b> PASS		
<b>Date:</b> 6/23/2008			
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

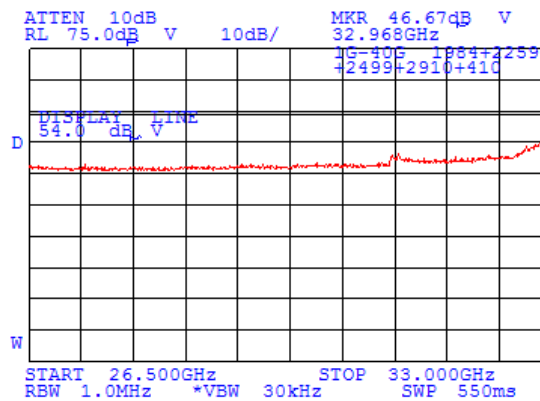
Plot 7.4.210 Radiated emission measurements from 26.5 to 33.0 GHz at the low carrier frequency (5262.5 MHz)

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



Plot 7.4.211 Radiated emission measurements from 26.5 to 33.0 GHz at the low carrier frequency (5262.5 MHz)

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



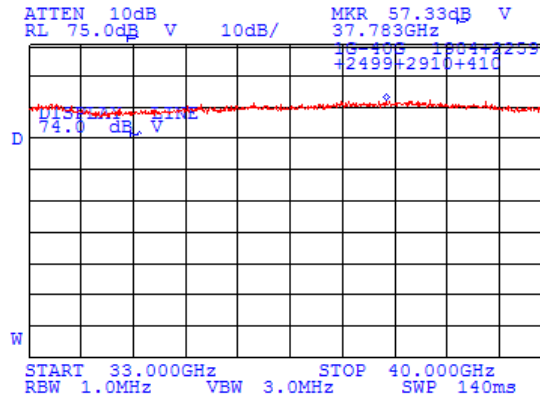




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/23/2008		
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

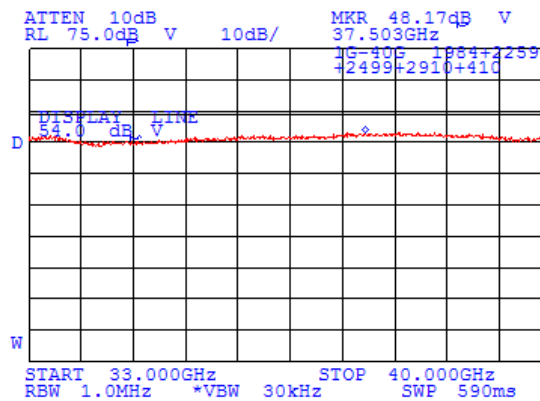
Plot 7.4.212 Radiated emission measurements from 33.0 to 40.0 GHz at the low carrier frequency (5255 MHz)

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



Plot 7.4.213 Radiated emission measurements from 33.0 to 40.0 GHz at the low carrier frequency (5255 MHz)

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

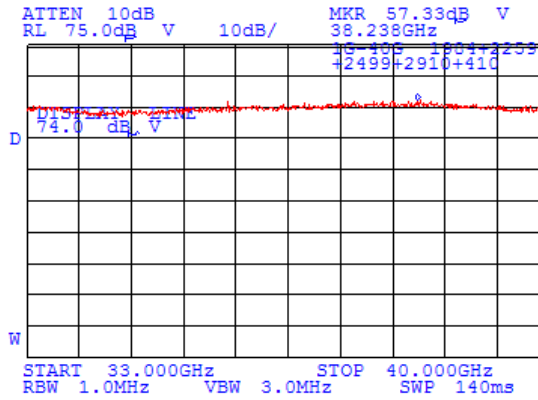




<b>Test specification:</b> Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions			
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance	<b>Verdict:</b> PASS		
<b>Date:</b> 6/23/2008			
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

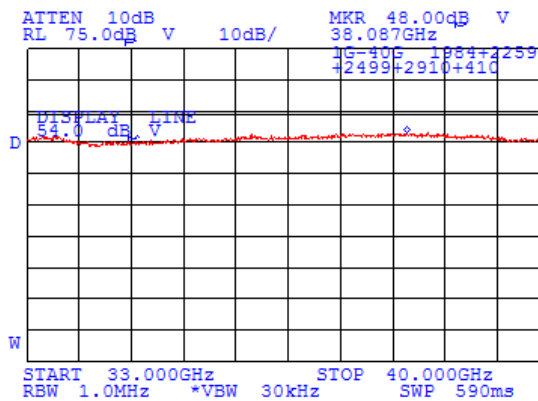
Plot 7.4.214 Radiated emission measurements from 33.0 to 40.0 GHz at the low carrier frequency (5257.5 MHz)

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



Plot 7.4.215 Radiated emission measurements from 33.0 to 40.0 GHz at the low carrier frequency (5257.5 MHz)

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

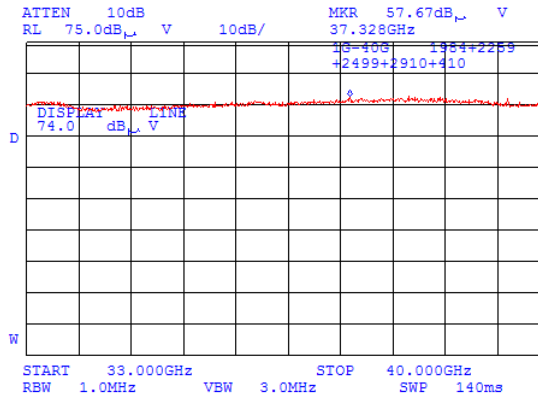




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/23/2008		
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

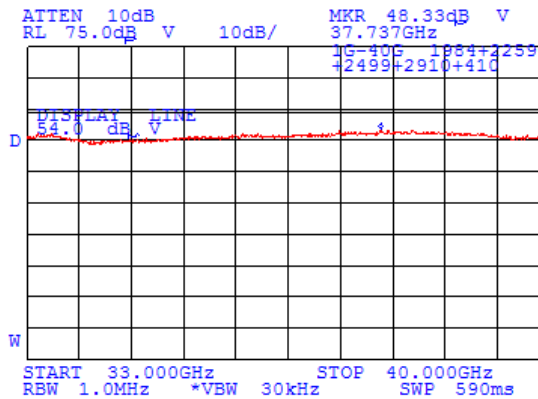
Plot 7.4.216 Radiated emission measurements from 33.0 to 40.0 GHz at the low carrier frequency (5262.5 MHz)

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



Plot 7.4.217 Radiated emission measurements from 33.0 to 40.0 GHz at the low carrier frequency (5262.5 MHz)

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

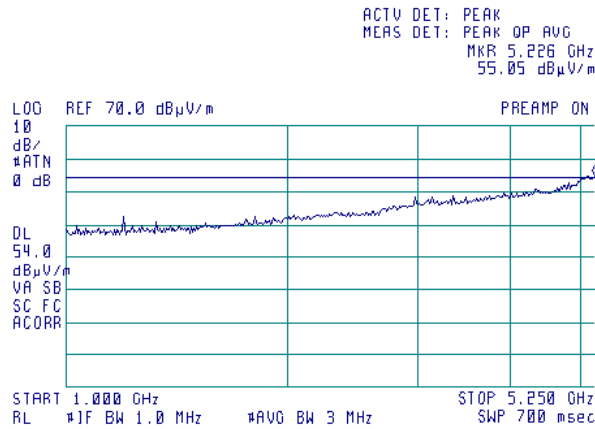




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date:</b> 6/23/2008			
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

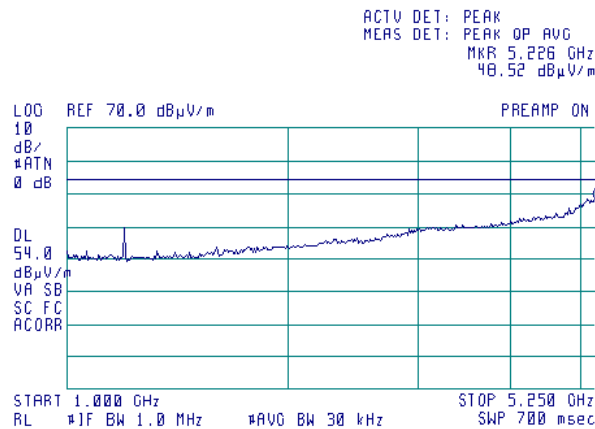
Plot 7.4.218 Radiated emission measurements from 1.0 to 5.25 GHz at the mid carrier frequency (5300 MHz)

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



Plot 7.4.219 Radiated emission measurements from 1.0 to 5.25 GHz at the mid carrier frequency (5300 MHz)

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

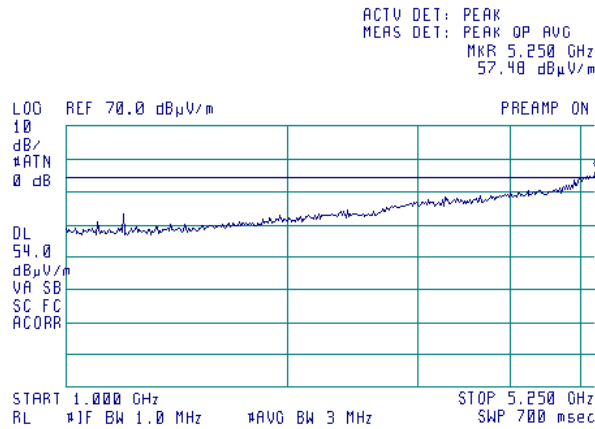




<b>Test specification:</b> Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions			
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance	<b>Verdict:</b> PASS		
<b>Date:</b> 6/23/2008			
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

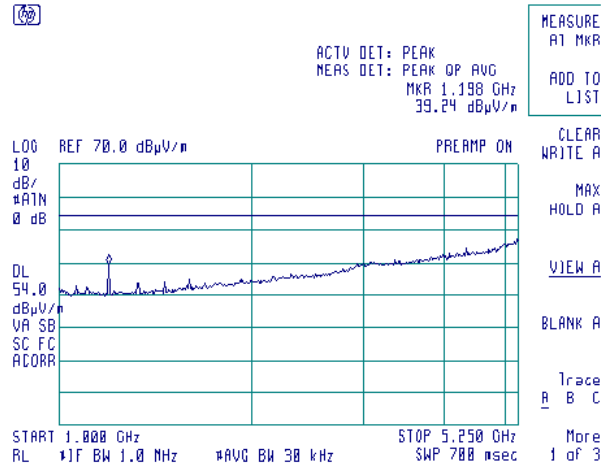
Plot 7.4.220 Radiated emission measurements from 1.0 to 5.25 GHz at the mid carrier frequency (5300 MHz)

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



Plot 7.4.221 Radiated emission measurements from 1.0 to 5.25 GHz at the mid carrier frequency (5300 MHz)

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

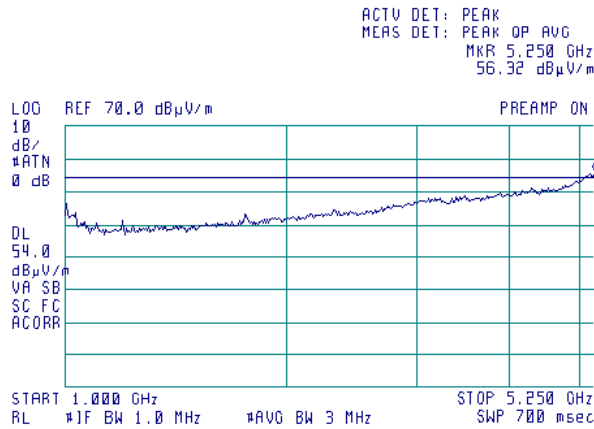




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/23/2008		
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

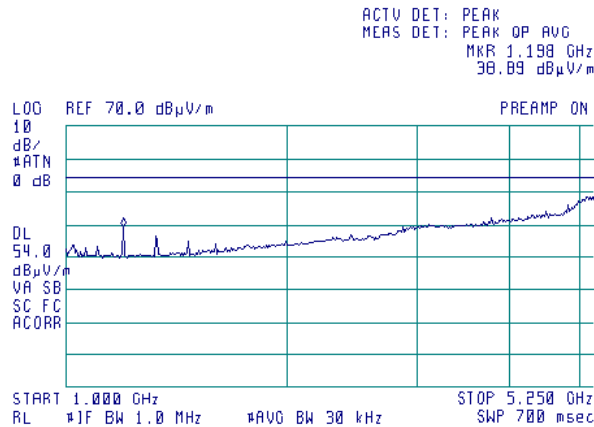
Plot 7.4.222 Radiated emission measurements from 1.0 to 5.25 GHz at the mid carrier frequency (5300 MHz)

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



Plot 7.4.223 Radiated emission measurements from 1.0 to 5.25 GHz at the mid carrier frequency (5300 MHz)

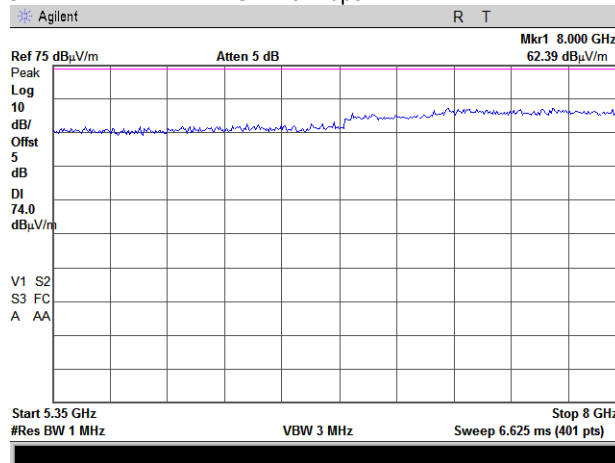
TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Average  
EBW: 20MHz



<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>	6/23/2008		
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

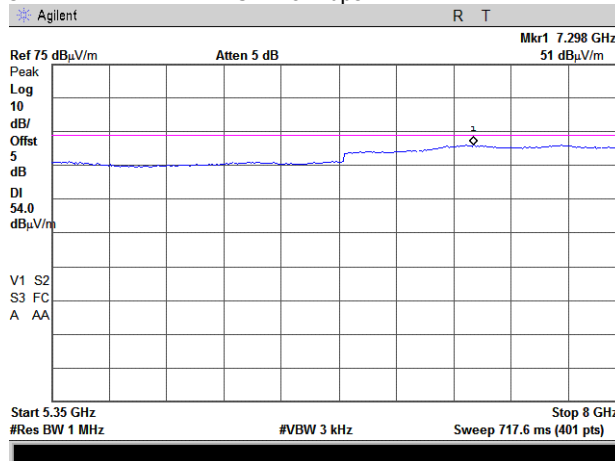
Plot 7.4.224 Radiated emission measurements from 5.35 to 8.0 GHz at the mid carrier frequency (5300 MHz)

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



Plot 7.4.225 Radiated emission measurements from 5.35 to 8.0 GHz at the mid carrier frequency (5300 MHz)

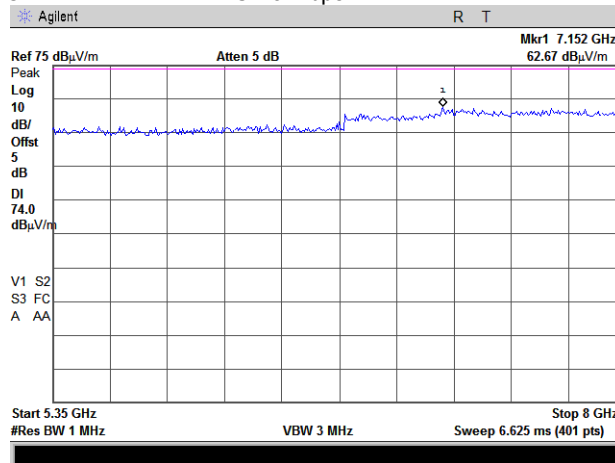
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 5 MHz  
 MODULATION: BPSK 1.5 Mbps



<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>	<b>PASS</b>
<b>Date:</b>	6/23/2008		
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

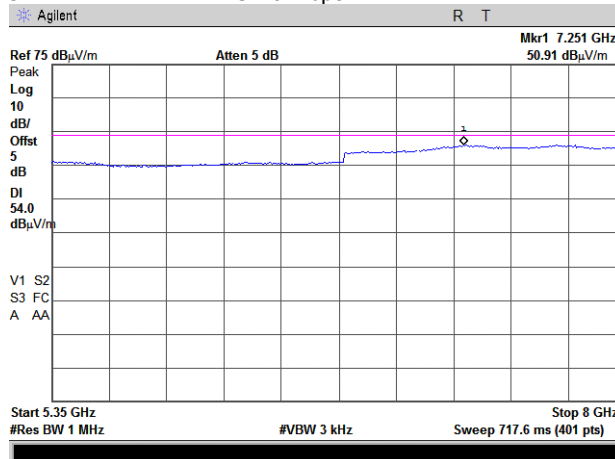
**Plot 7.4.226 Radiated emission measurements from 5.35 to 8.0 GHz at the mid carrier frequency (5300 MHz)**

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



**Plot 7.4.227 Radiated emission measurements from 5.35 to 8.0 GHz at the mid carrier frequency (5300 MHz)**

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

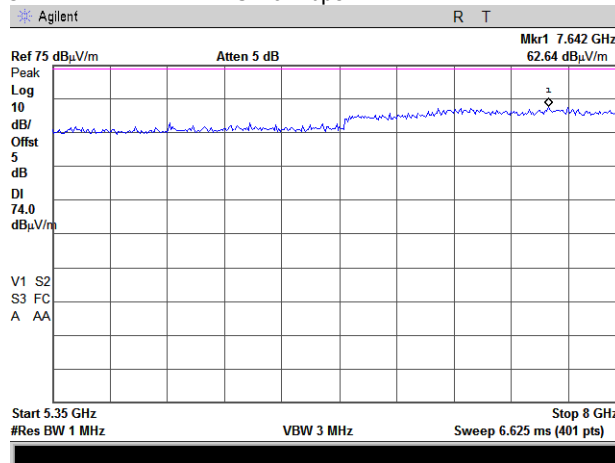




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/23/2008		
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

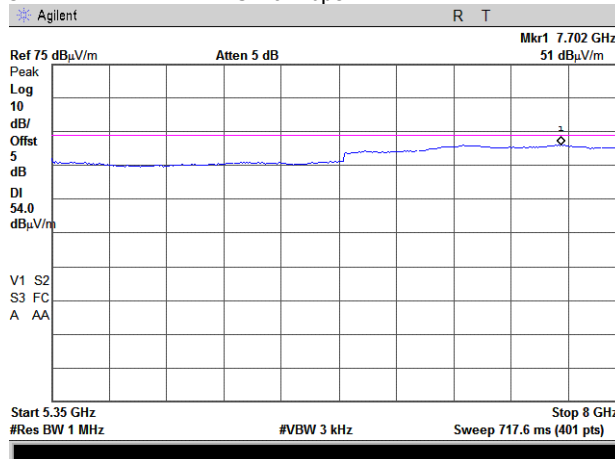
**Plot 7.4.228 Radiated emission measurements from 5.35 to 8.0 GHz at the mid carrier frequency (5300 MHz)**

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



**Plot 7.4.229 Radiated emission measurements from 5.35 to 8.0 GHz at the mid carrier frequency (5300 MHz)**

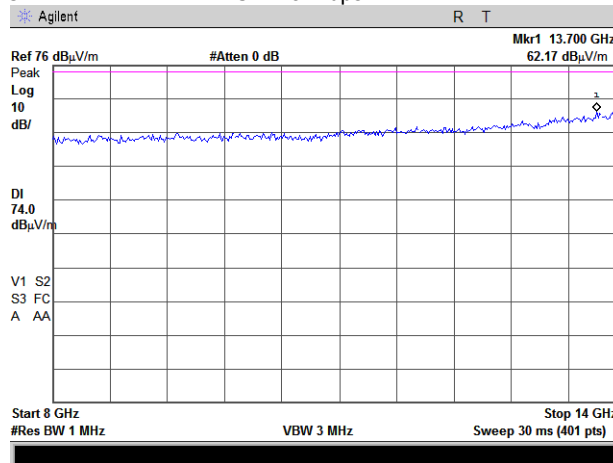
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 20 MHz  
 MODULATION: BPSK 6 Mbps



<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>	<b>PASS</b>
<b>Date:</b>	6/23/2008		
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

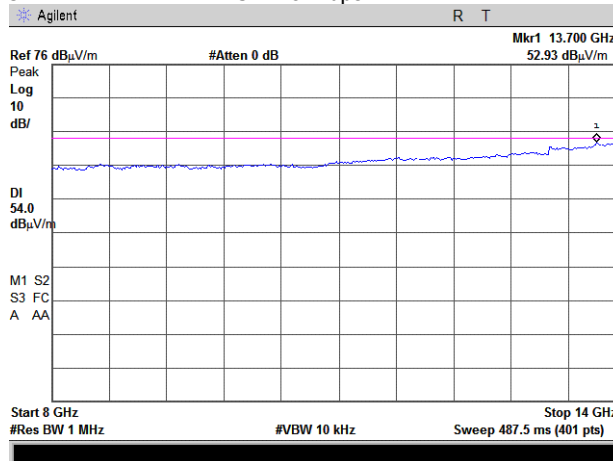
**Plot 7.4.230 Radiated emission measurements from 8.0 to 14.0 GHz at the mid carrier frequency (5300 MHz)**

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



**Plot 7.4.231 Radiated emission measurements from 8.0 to 14.0 GHz at the mid carrier frequency (5300 MHz)**

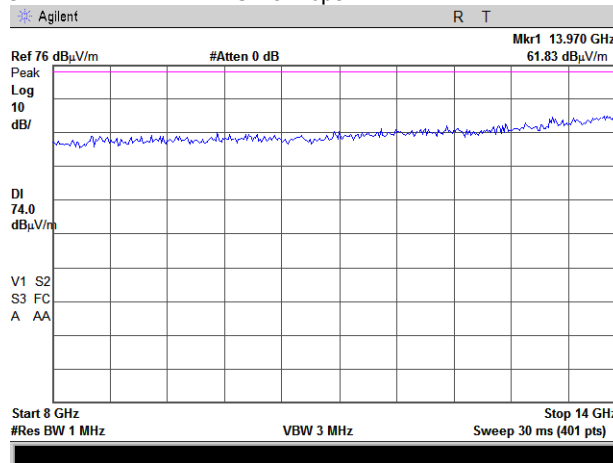
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 5 MHz  
 MODULATION: BPSK 1.5 Mbps



<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>	6/23/2008		
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

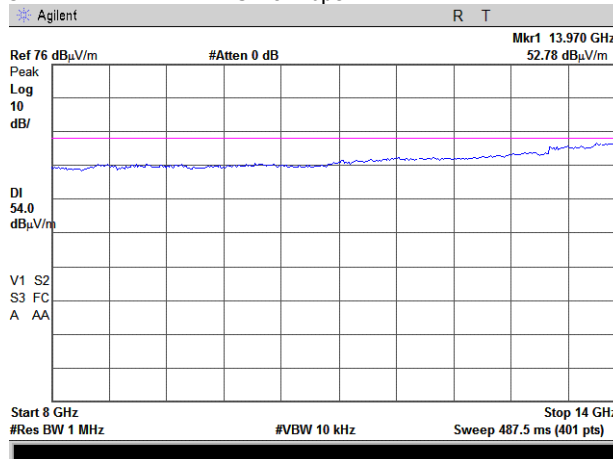
Plot 7.4.232 Radiated emission measurements from 8.0 to 14.0 GHz at the mid carrier frequency (5300 MHz)

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



Plot 7.4.233 Radiated emission measurements from 8.0 to 14.0 GHz at the mid carrier frequency (5300 MHz)

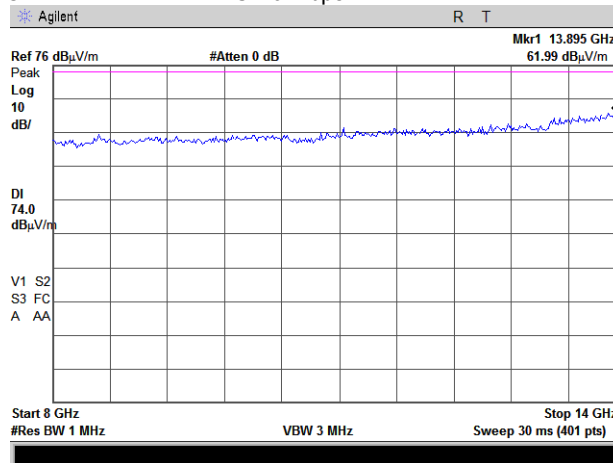
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW 10 MHz  
 MODULATION BPSK 3 Mbps



<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>	PASS
<b>Date:</b>	6/23/2008		
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

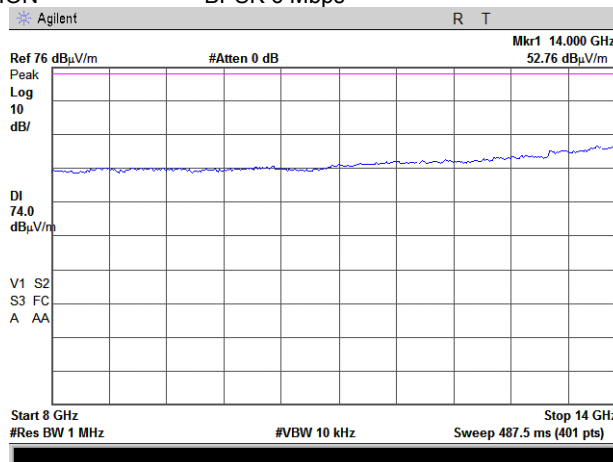
Plot 7.4.234 Radiated emission measurements from 8.0 to 14.0 GHz at the mid carrier frequency (5300 MHz)

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



Plot 7.4.235 Radiated emission measurements from 8.0 to 14.0 GHz at the mid carrier frequency (5300 MHz)

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

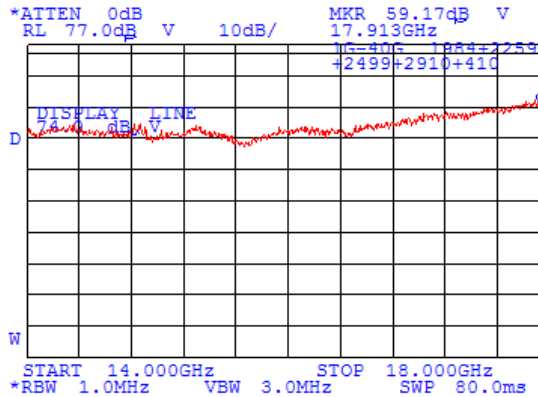




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/23/2008		
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

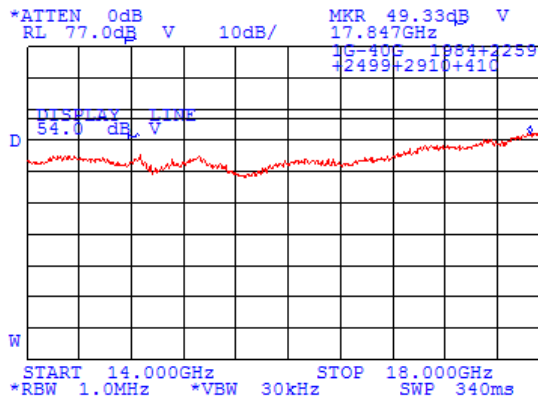
Plot 7.4.236 Radiated emission measurements from 14.0 to 18.0 GHz at the mid carrier frequency (5300 MHz)

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



Plot 7.4.237 Radiated emission measurements from 14.0 to 18.0 GHz at the mid carrier frequency (5300 MHz)

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

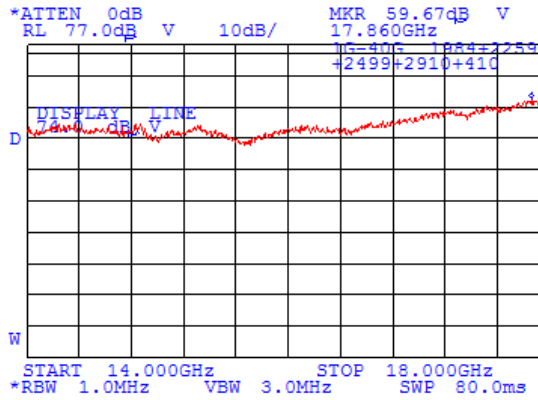




<b>Test specification:</b> Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions			
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance	<b>Verdict:</b> PASS		
<b>Date:</b> 6/23/2008			
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

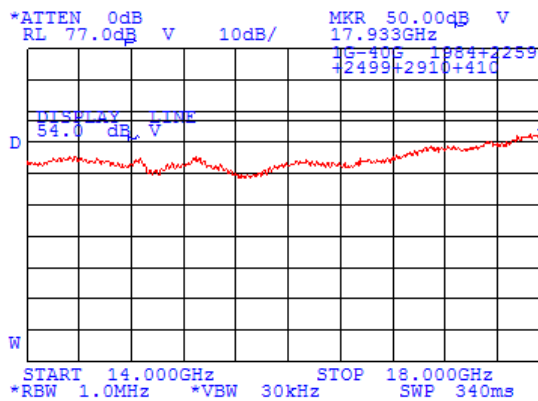
Plot 7.4.238 Radiated emission measurements from 14.0 to 18.0 GHz at the mid carrier frequency (5300 MHz)

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



Plot 7.4.239 Radiated emission measurements from 14.0 to 18.0 GHz at the mid carrier frequency (5300 MHz)

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

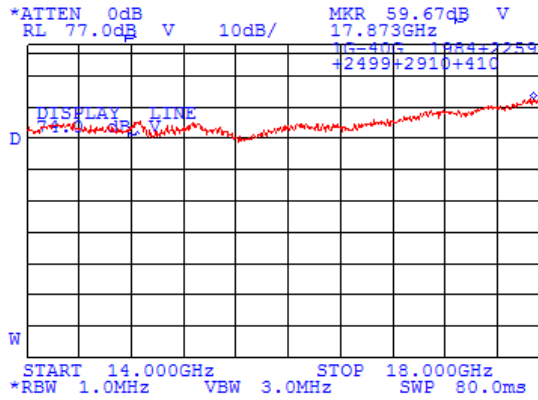




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/23/2008		
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

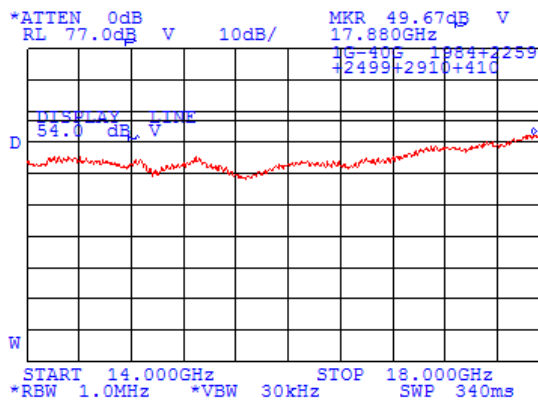
Plot 7.4.240 Radiated emission measurements from 14.0 to 18.0 GHz at the mid carrier frequency (5300 MHz)

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



Plot 7.4.241 Radiated emission measurements from 14.0 to 18.0 GHz at the mid carrier frequency (5300 MHz)

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

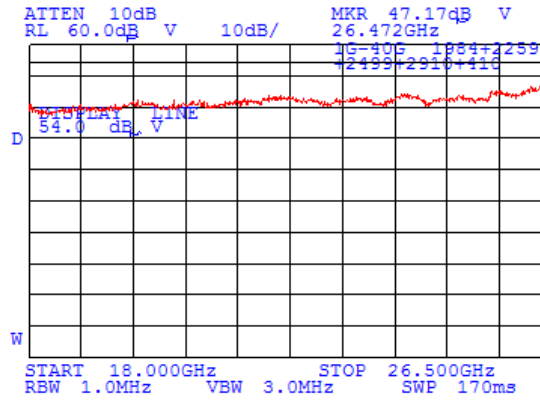




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/23/2008		
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

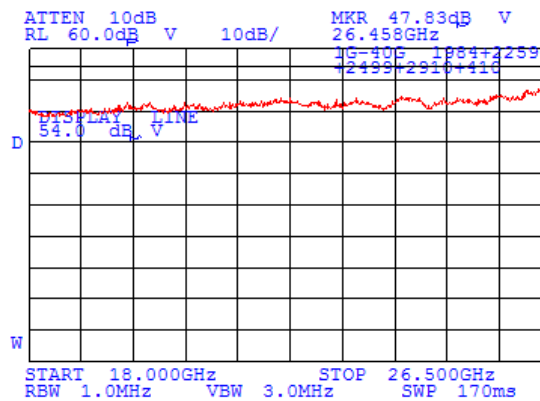
Plot 7.4.242 Radiated emission measurements from 18.0 to 26.5 GHz at the mid carrier frequency (5300 MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak under average limit  
 EBW 5 MHz  
 MODULATION BPSK 1.5 Mbps



Plot 7.4.243 Radiated emission measurements from 18.0 to 26.5 GHz at the mid carrier frequency (5300 MHz)

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



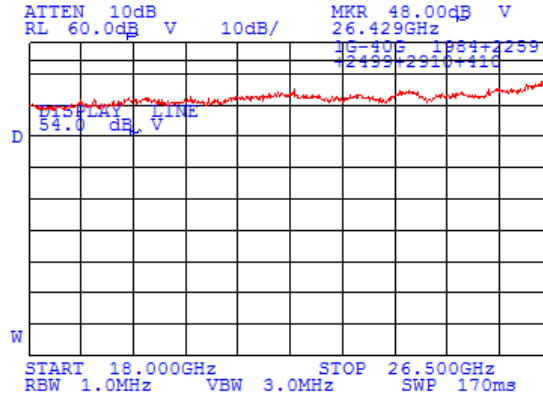




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/23/2008		
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

**Plot 7.4.244 Radiated emission measurements from 18.0 to 26.5 GHz at the mid carrier frequency (5300 MHz)**

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak under average limit  
 EBW 20 MHz  
 MODULATION BPSK 6 Mbps

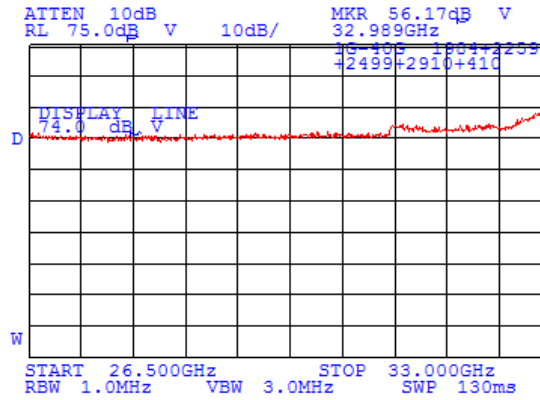




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/23/2008		
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

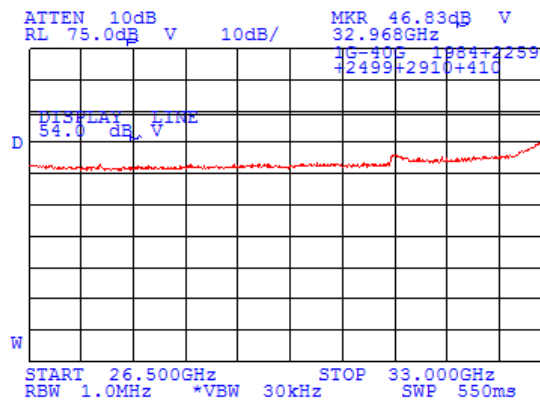
Plot 7.4.245 Radiated emission measurements from 26.5 to 33.0 GHz at the mid carrier frequency (5300 MHz)

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



Plot 7.4.246 Radiated emission measurements from 26.5 to 33.0 GHz at the mid carrier frequency (5300 MHz)

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

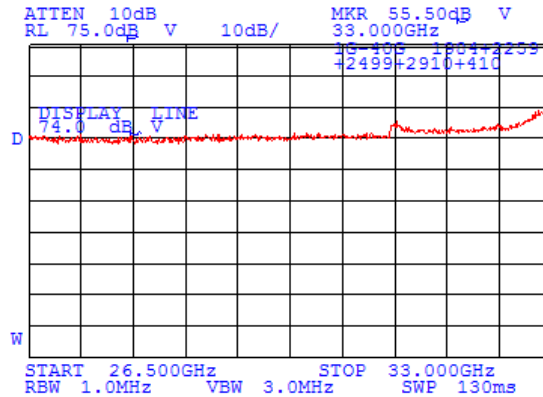




<b>Test specification:</b> Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions			
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance	<b>Verdict:</b> PASS		
<b>Date:</b> 6/23/2008			
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

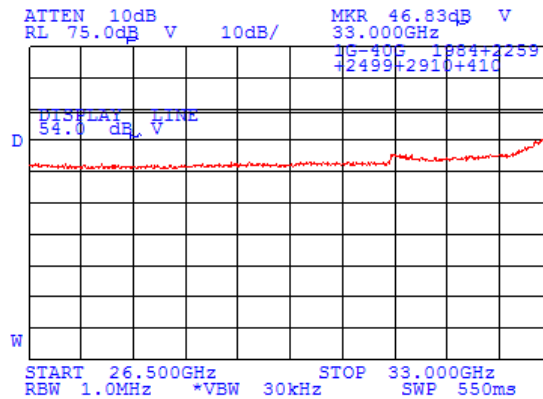
Plot 7.4.247 Radiated emission measurements from 26.5 to 33.0 GHz at the mid carrier frequency (5300 MHz)

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



Plot 7.4.248 Radiated emission measurements from 26.5 to 33.0 GHz at the mid carrier frequency (5300 MHz)

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

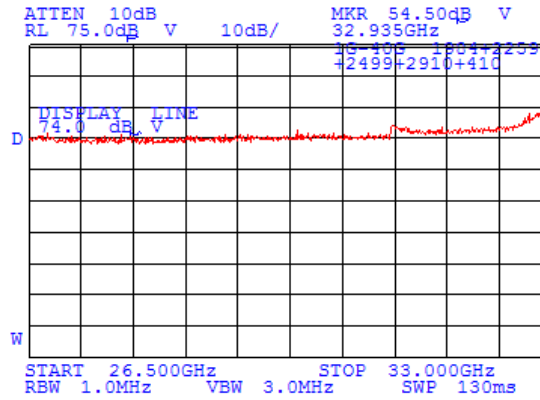




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/23/2008		
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

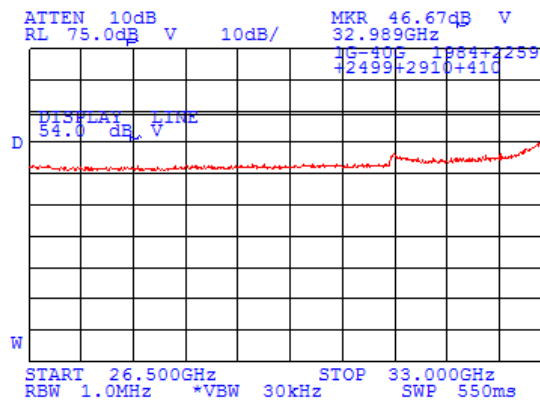
Plot 7.4.249 Radiated emission measurements from 26.5 to 33.0 GHz at the mid carrier frequency (5300 MHz)

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



Plot 7.4.250 Radiated emission measurements from 26.5 to 33.0 GHz at the mid carrier frequency (5300 MHz)

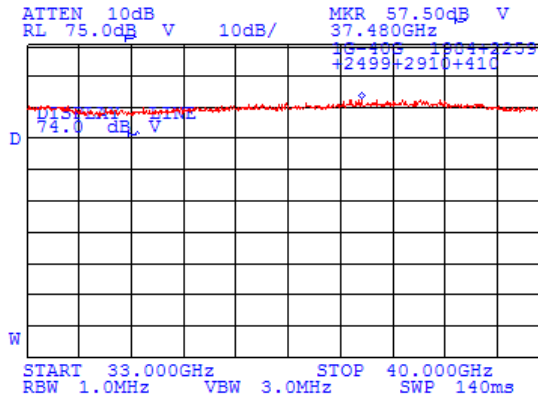
TEST SITE: OATS  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Average  
EBW 20 MHz  
MODULATION BPSK 6 Mbps



<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> 6/23/2008			
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

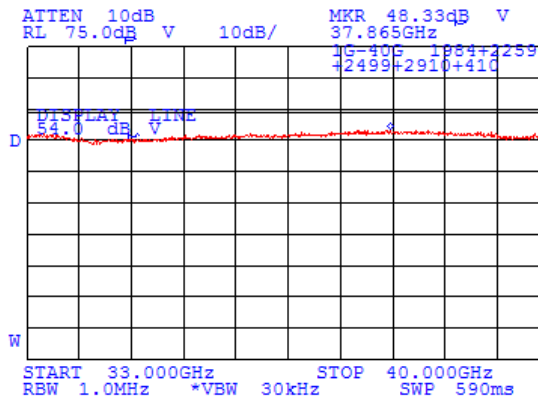
Plot 7.4.251 Radiated emission measurements from 33.0 to 40.0 GHz at the mid carrier frequency (5300 MHz)

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



Plot 7.4.252 Radiated emission measurements from 33.0 to 40.0 GHz at the mid carrier frequency (5300 MHz)

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

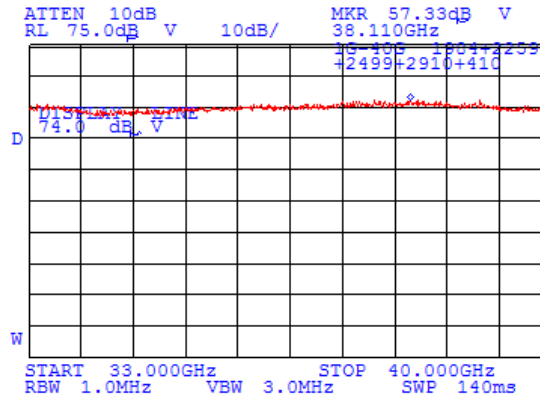




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/23/2008		
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

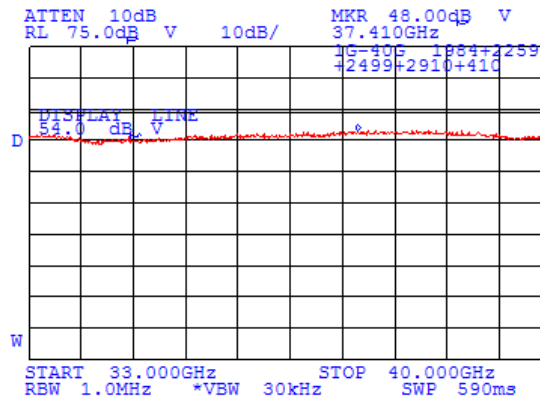
Plot 7.4.253 Radiated emission measurements from 33.0 to 40.0 GHz at the mid carrier frequency (5300 MHz)

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



Plot 7.4.254 Radiated emission measurements from 33.0 to 40.0 GHz at the mid carrier frequency (5300 MHz)

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

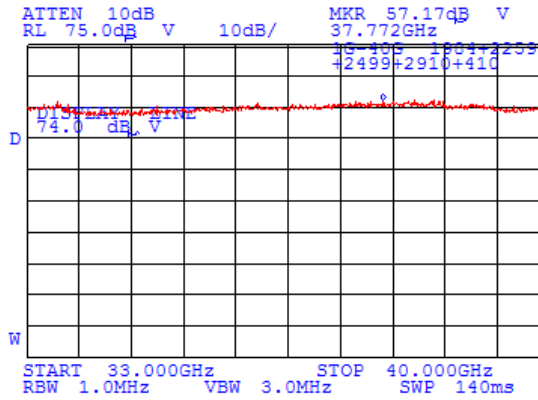




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/23/2008		
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

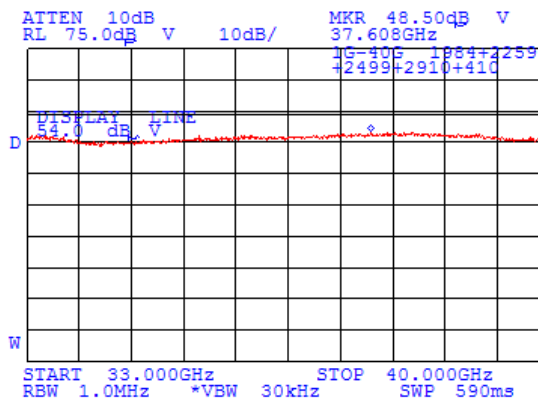
Plot 7.4.255 Radiated emission measurements from 33.0 to 40.0 GHz at the mid carrier frequency (5300 MHz)

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



Plot 7.4.256 Radiated emission measurements from 33.0 to 40.0 GHz at the mid carrier frequency (5300 MHz)

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

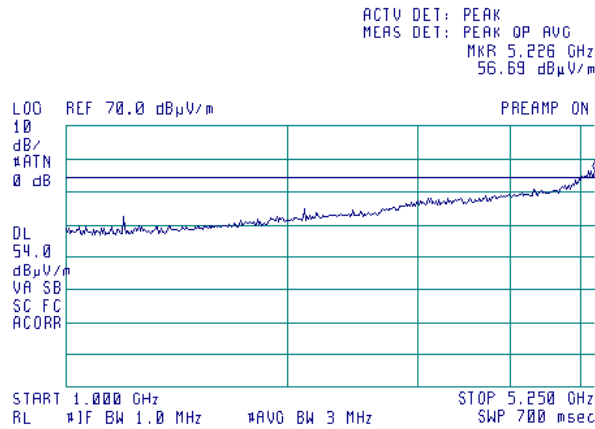




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/23/2008		
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

Plot 7.4.257 Radiated emission measurements from 1.0 to 5.25 GHz at the high carrier frequency (5345 MHz)

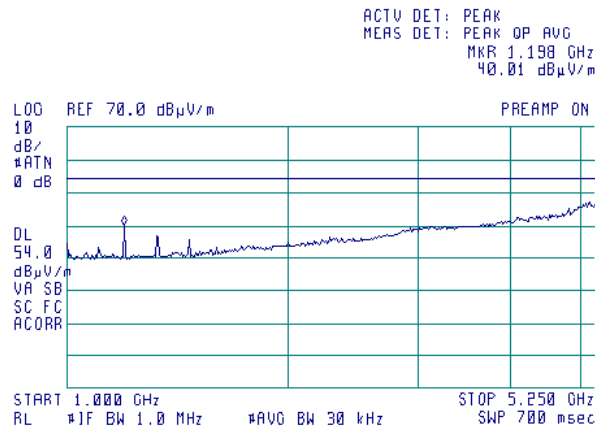
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5MHz



Specified limit = 74.0 dBuV/m

Plot 7.4.258 Radiated emission measurements from 1.0 to 5.25 GHz at the high carrier frequency (5345 MHz)

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



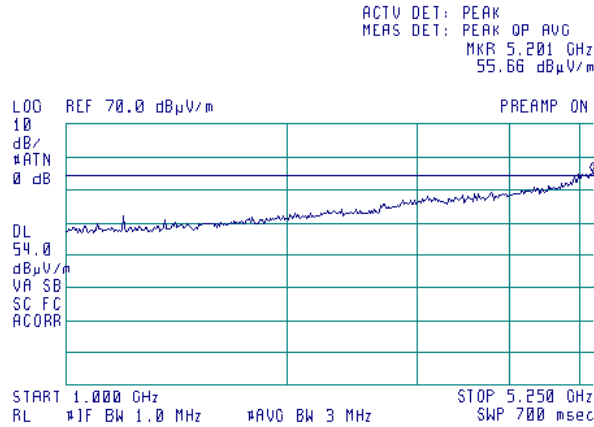




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/23/2008		
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

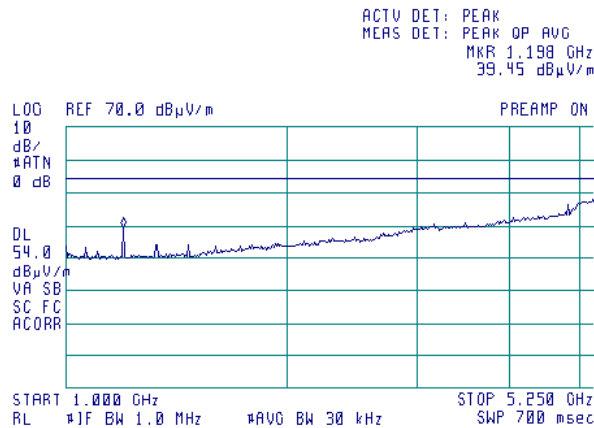
Plot 7.4.259 Radiated emission measurements from 1.0 to 5.25 GHz at the high carrier frequency (5340 MHz)

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



Plot 7.4.260 Radiated emission measurements from 1.0 to 5.25 GHz at the high carrier frequency (5340 MHz)

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

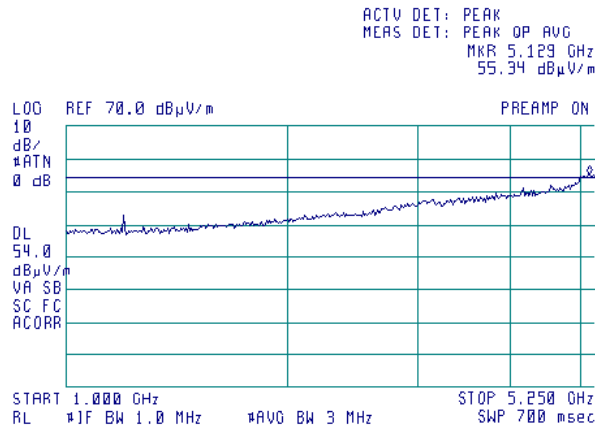




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/23/2008		
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

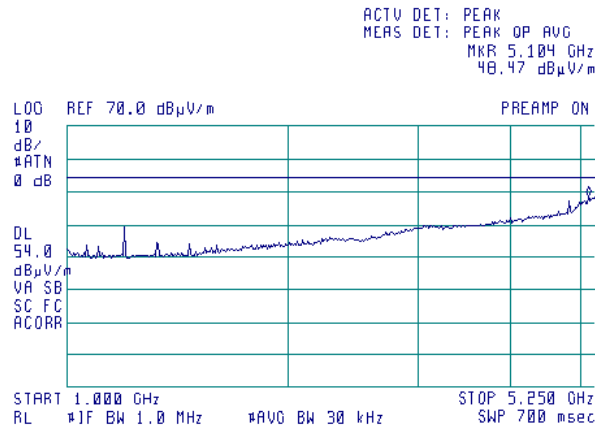
Plot 7.4.261 Radiated emission measurements from 1.0 to 5.25 GHz at the high carrier frequency (5332.5 MHz)

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



Plot 7.4.262 Radiated emission measurements from 1.0 to 5.25 GHz at the high carrier frequency (5332.5 MHz)

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

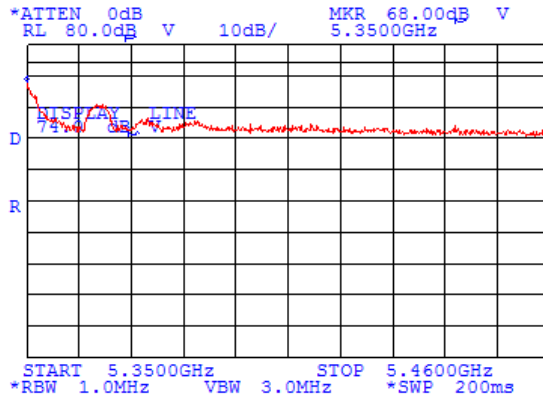




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/23/2008		
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

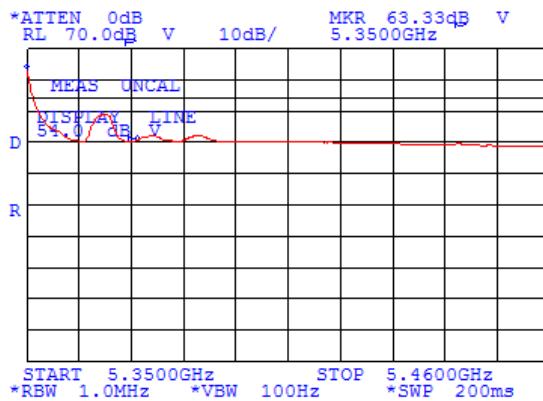
Plot 7.4.263 Radiated emission measurements from 5.35 to 5.46 GHz at the high carrier frequency (5345 MHz)

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



Plot 7.4.264 Radiated emission measurements from 5.35 to 5.46 GHz at the high carrier frequency (5345 MHz)

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

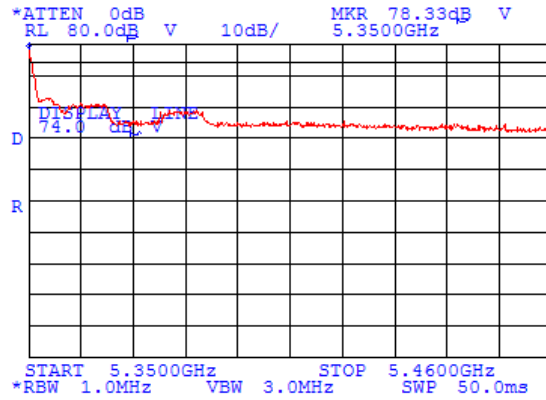




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/23/2008		
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

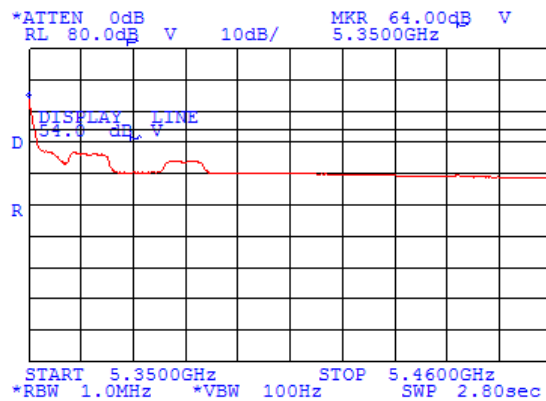
Plot 7.4.265 Radiated emission measurements from 5.35 to 5.46 GHz at the high carrier frequency (5340 MHz)

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



Plot 7.4.266 Radiated emission measurements from 5.35 to 5.46 GHz at the high carrier frequency (5340 MHz)

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

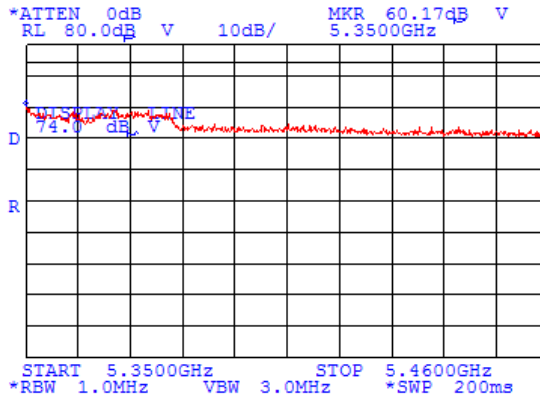




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/23/2008		
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

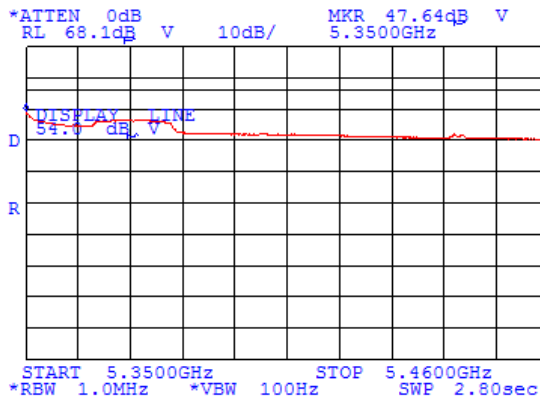
Plot 7.4.267 Radiated emission measurements from 5.35 to 5.46 GHz at the high carrier frequency (5332.5 MHz)

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



Plot 7.4.268 Radiated emission measurements from 5.35 to 5.46 GHz at the high carrier frequency (5332.5 MHz)

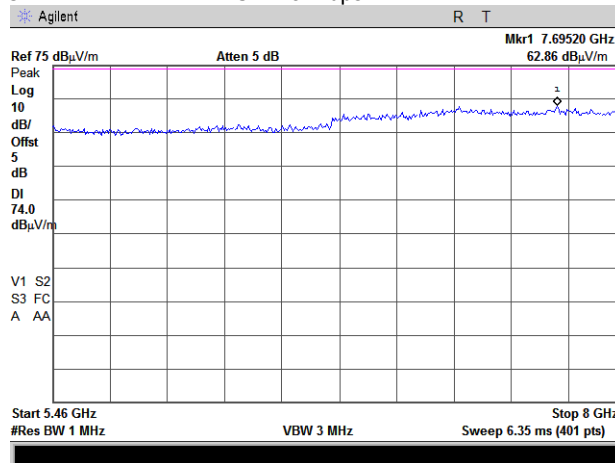
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW 20 MHz  
 MODULATION BPSK 6 Mbps



<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>	6/23/2008		
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

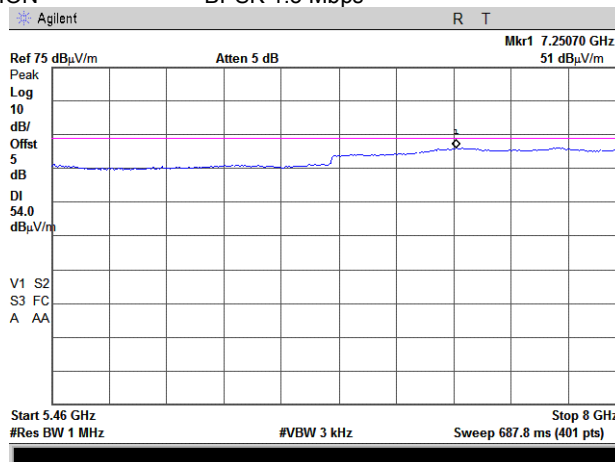
Plot 7.4.269 Radiated emission measurements from 5.46 to 8.0 GHz at the high carrier frequency (5345 MHz)

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



Plot 7.4.270 Radiated emission measurements from 5.46 to 8.0 GHz at the high carrier frequency (5345 MHz)

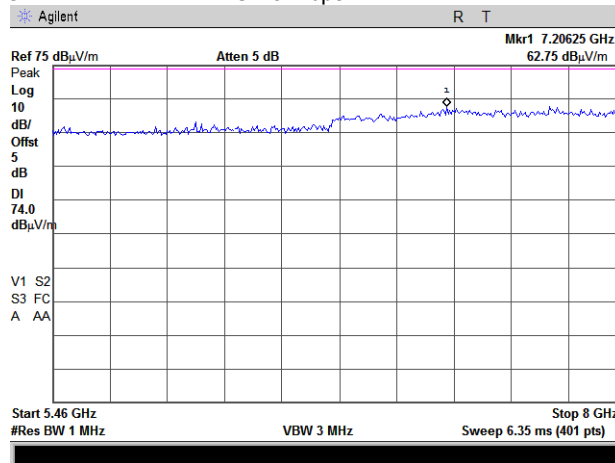
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 5 MHz  
 MODULATION: BPSK 1.5 Mbps



<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>	6/23/2008		
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

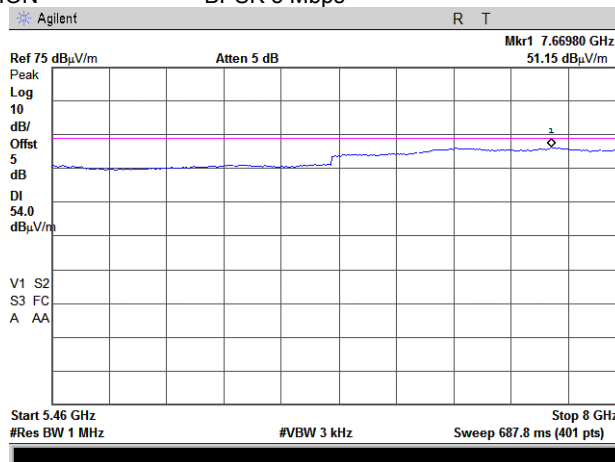
Plot 7.4.271 Radiated emission measurements from 5.46 to 8.0 GHz at the high carrier frequency (5340 MHz)

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



Plot 7.4.272 Radiated emission measurements from 5.46 to 8.0 GHz at the high carrier frequency (5340 MHz)

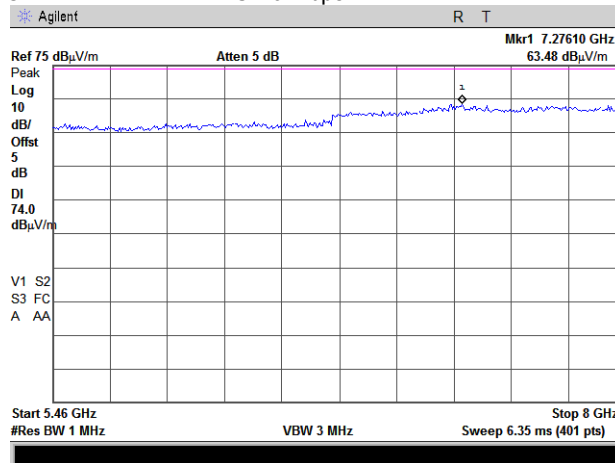
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW 10 MHz  
 MODULATION BPSK 3 Mbps



<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>	PASS
<b>Date:</b>	6/23/2008		
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

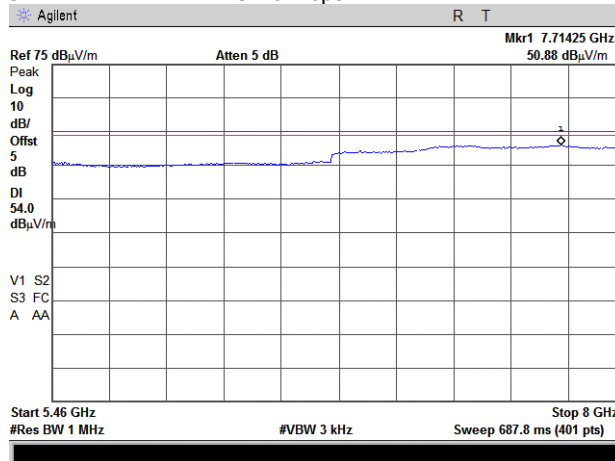
Plot 7.4.273 Radiated emission measurements from 5.46 to 8.0 GHz at the high carrier frequency (5332.5 MHz)

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



Plot 7.4.274 Radiated emission measurements from 5.46 to 8.0 GHz at the high carrier frequency (5332.5 MHz)

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

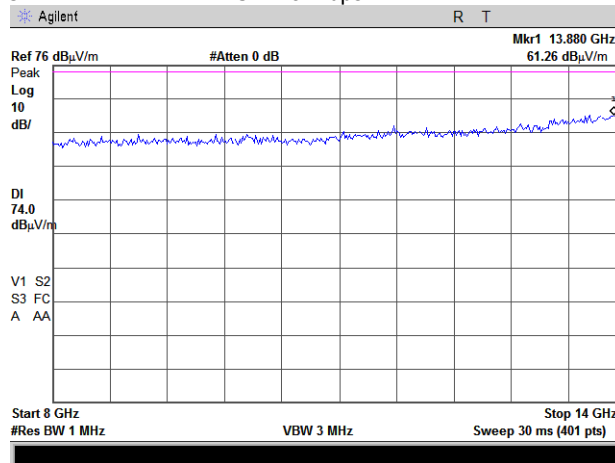




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/23/2008		
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

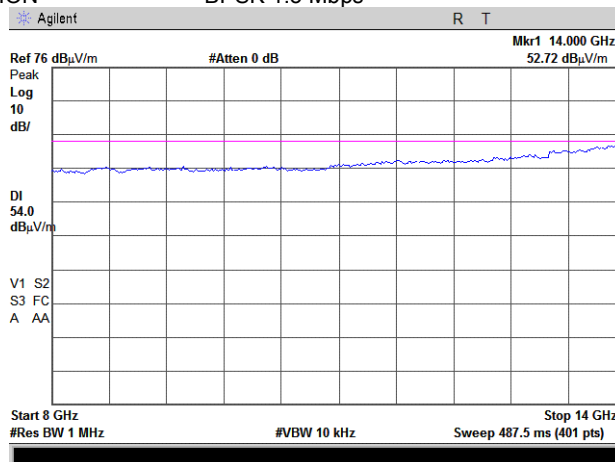
Plot 7.4.275 Radiated emission measurements from 8.0 to 14.0 GHz at the high carrier frequency (5345 MHz)

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



Plot 7.4.276 Radiated emission measurements from 8.0 to 14.0 GHz at the high carrier frequency (5345 MHz)

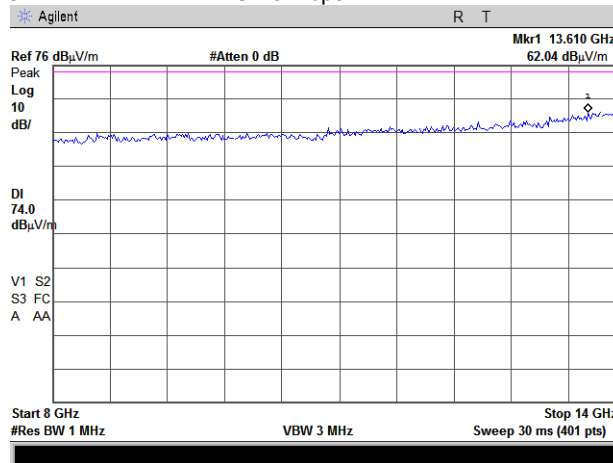
TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW 5 MHz  
 MODULATION BPSK 1.5 Mbps



<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>	6/23/2008		
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

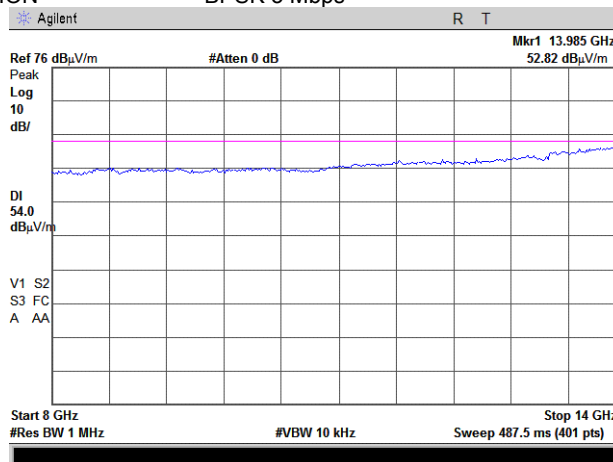
Plot 7.4.277 Radiated emission measurements from 8.0 to 14.0 GHz at the high carrier frequency (5345 MHz)

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



Plot 7.4.278 Radiated emission measurements from 8.0 to 14.0 GHz at the high carrier frequency (5345MHz)

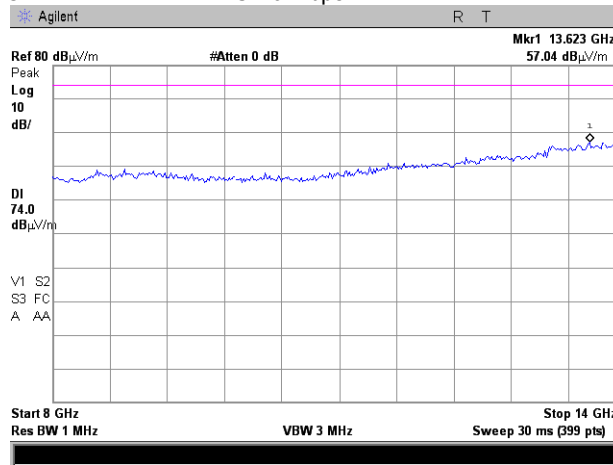
TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW 10 MHz  
 MODULATION BPSK 3 Mbps



<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> PASS	
<b>Date:</b> 6/23/2008			
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

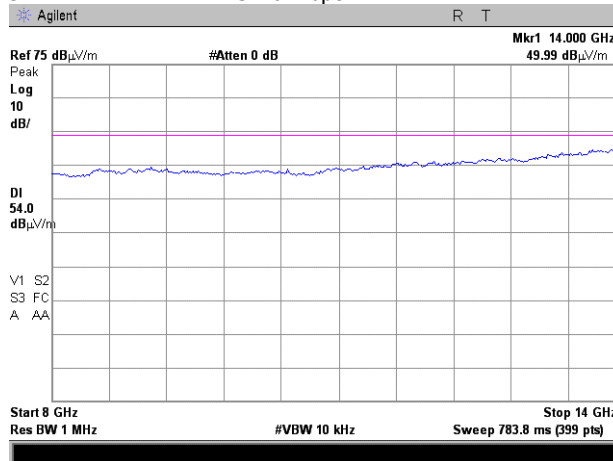
Plot 7.4.279 Radiated emission measurements from 8.0 to 14.0 GHz at the high carrier frequency (5332.5 MHz)

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



Plot 7.4.280 Radiated emission measurements from 8.0 to 14.0 GHz at the high carrier frequency (5332.5 MHz)

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

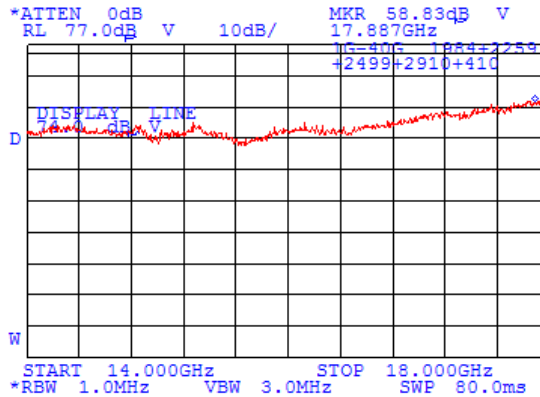




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/23/2008		
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

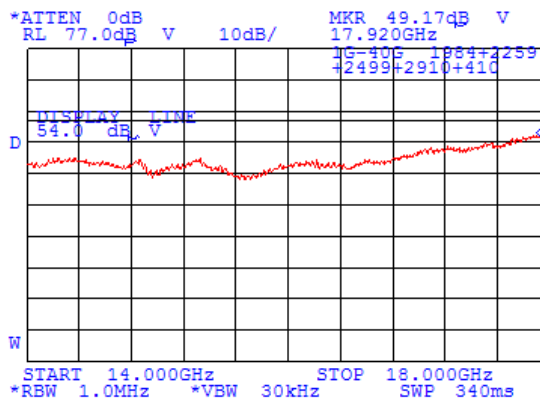
Plot 7.4.281 Radiated emission measurements from 14.0 to 18.0 GHz at the high carrier frequency (5345 MHz)

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



Plot 7.4.282 Radiated emission measurements from 14.0 to 18.0 GHz at the high carrier frequency (5345 MHz)

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

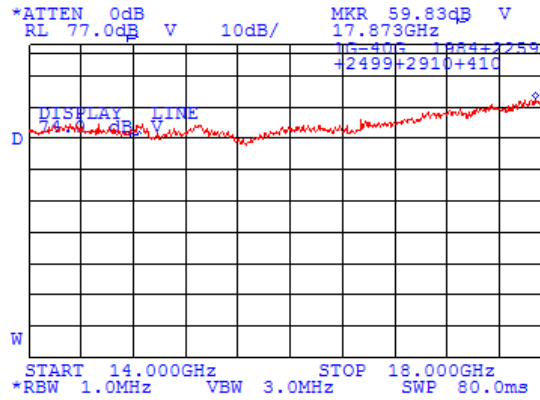




<b>Test specification:</b> Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions			
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance	<b>Verdict:</b> PASS		
<b>Date:</b> 6/23/2008			
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

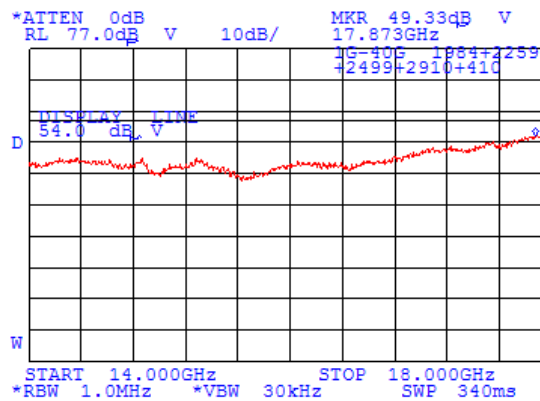
Plot 7.4.283 Radiated emission measurements from 14.0 to 18.0 GHz at the high carrier frequency (5340 MHz)

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



Plot 7.4.284 Radiated emission measurements from 14.0 to 18.0 GHz at the high carrier frequency (5340 MHz)

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

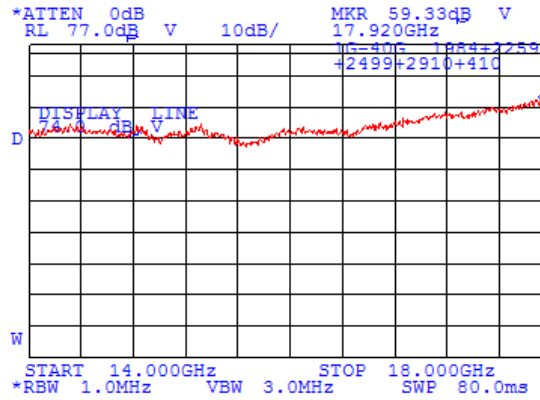




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/23/2008		
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

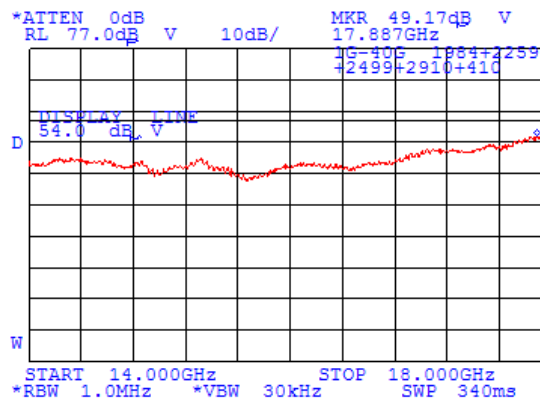
Plot 7.4.285 Radiated emission measurements from 14.0 to 18.0 GHz at the high carrier frequency (5332.5 MHz)

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



Plot 7.4.286 Radiated emission measurements from 14.0 to 18.0 GHz at the high carrier frequency (5332.5 MHz)

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

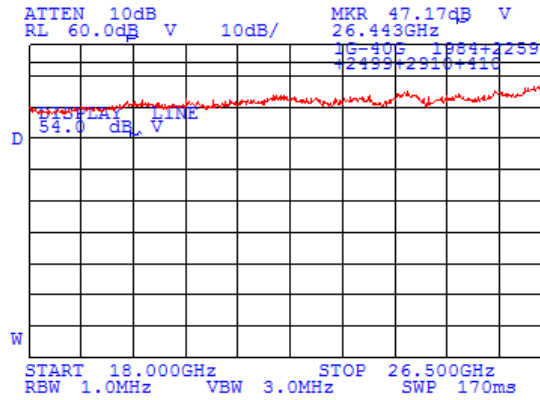




<b>Test specification:</b> Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions			
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance	<b>Verdict:</b> PASS		
<b>Date:</b> 6/23/2008			
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

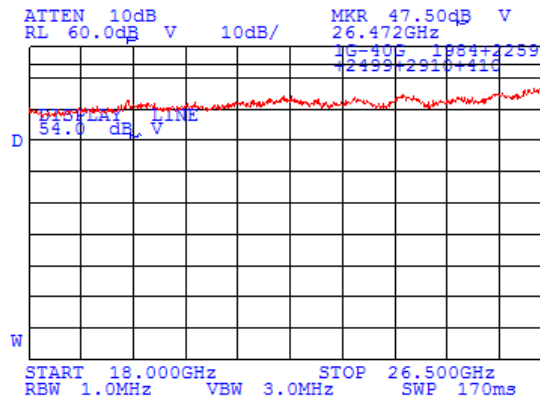
Plot 7.4.287 Radiated emission measurements from 18.0 to 26.5 GHz at the high carrier frequency (5345 MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak under average limit  
 EBW 5 MHz  
 MODULATION BPSK 1.5 Mbps



Plot 7.4.288 Radiated emission measurements from 18.0 to 26.5 GHz at the high carrier frequency (5340 MHz)

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

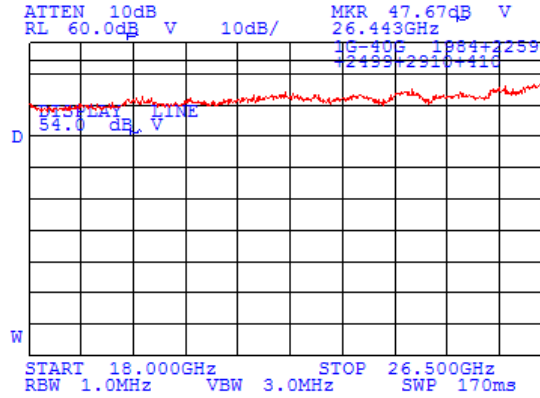




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/23/2008		
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 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 18.0 to 26.5 GHz at the high carrier frequency (5332.5 MHz)

TEST SITE: OATS  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Peak under average limit  
EBW 20 MHz  
MODULATION BPSK 6 Mbps



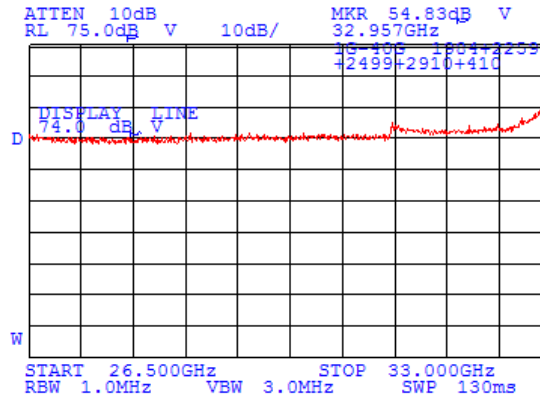




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/23/2008		
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

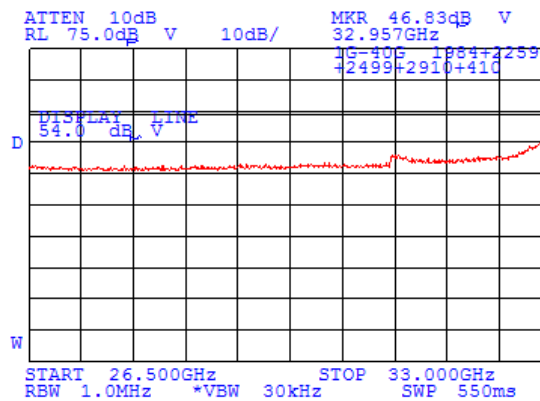
Plot 7.4.290 Radiated emission measurements from 26.0 to 33.0 GHz at the high carrier frequency (5345 MHz)

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



Plot 7.4.291 Radiated emission measurements from 26.0 to 33.0 GHz at the high carrier frequency (5345 MHz)

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

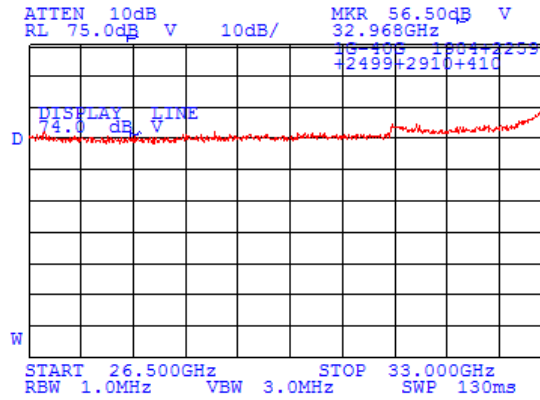




<b>Test specification:</b> Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions			
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance	<b>Verdict:</b> PASS		
<b>Date:</b> 6/23/2008			
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

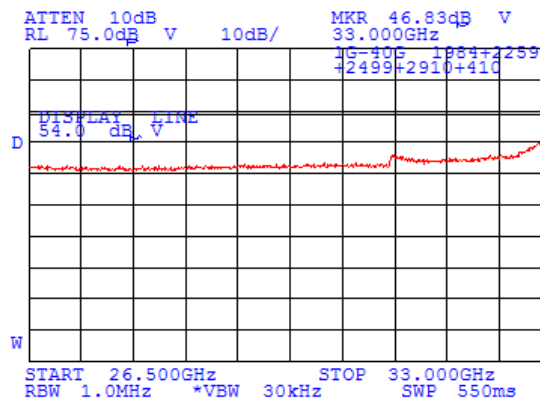
Plot 7.4.292 Radiated emission measurements from 26.0 to 33.0 GHz at the high carrier frequency (5340 MHz)

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



Plot 7.4.293 Radiated emission measurements from 26.0 to 33.0 GHz at the high carrier frequency (5340 MHz)

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

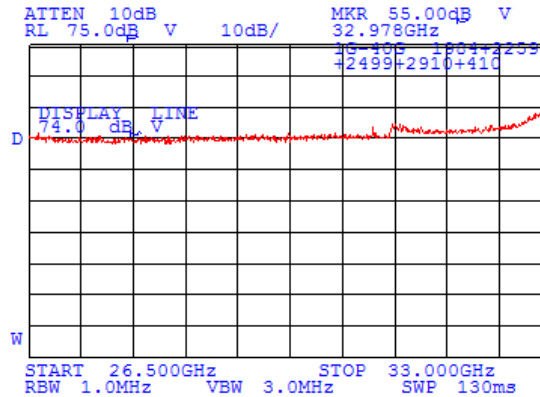




<b>Test specification:</b> Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions			
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance	<b>Verdict:</b> PASS		
<b>Date:</b> 6/23/2008			
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

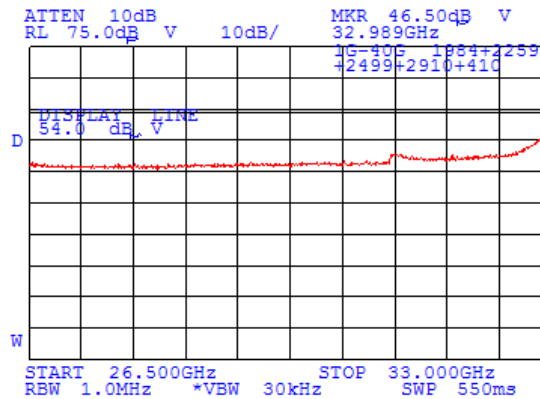
Plot 7.4.294 Radiated emission measurements from 26.0 to 33.0 GHz at the high carrier frequency (5332.5 MHz)

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



Plot 7.4.295 Radiated emission measurements from 26.0 to 33.0 GHz at the high carrier frequency (5332.5 MHz)

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

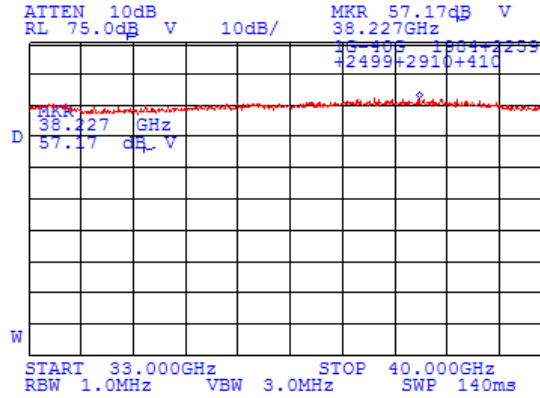




<b>Test specification:</b> Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions			
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance	<b>Verdict:</b> PASS		
<b>Date:</b> 6/23/2008			
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

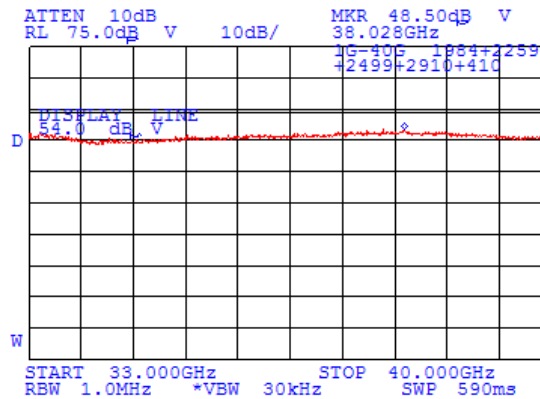
Plot 7.4.296 Radiated emission measurements from 33.0 to 40.0 GHz at the high carrier frequency (5345 MHz)

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



Plot 7.4.297 Radiated emission measurements from 33.0 to 40.0 GHz at the high carrier frequency (5345 MHz)

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

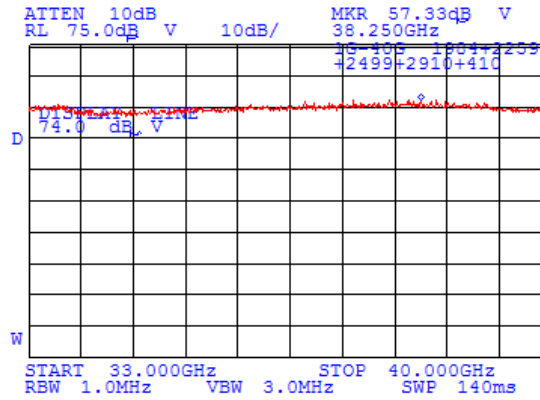




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/23/2008		
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

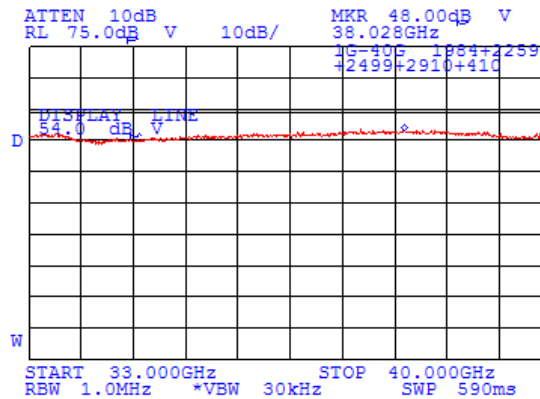
Plot 7.4.298 Radiated emission measurements from 33.0 to 40.0 GHz at the high carrier frequency (5340MHz)

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



Plot 7.4.299 Radiated emission measurements from 33.0 to 40.0 GHz at the high carrier frequency (5340MHz)

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

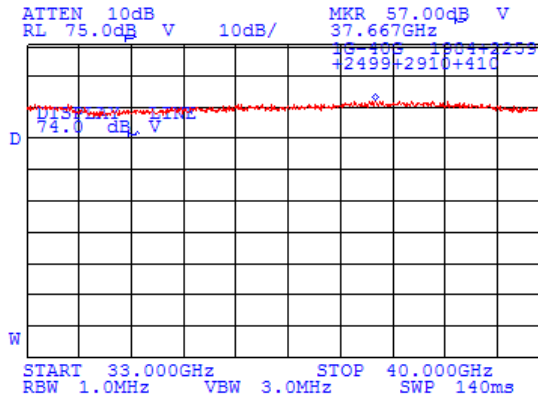




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/23/2008		
<b>Temperature:</b> 23°C	<b>Air Pressure:</b> 1008 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna, measurements above 1 GHz			

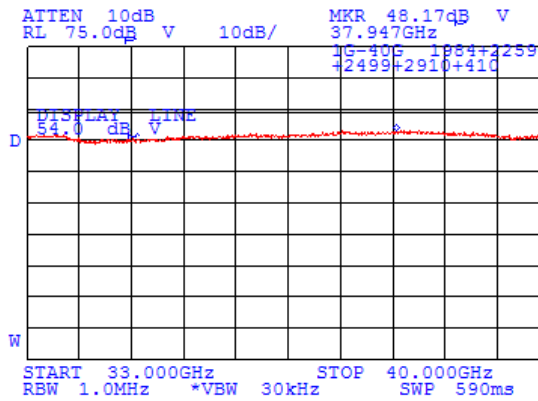
Plot 7.4.300 Radiated emission measurements from 33.0 to 40.0 GHz at the high carrier frequency (5332.5 MHz)

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



Plot 7.4.301 Radiated emission measurements from 33.0 to 40.0 GHz at the high carrier frequency (5332.5 MHz)

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



<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>	<b>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>			

## 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.

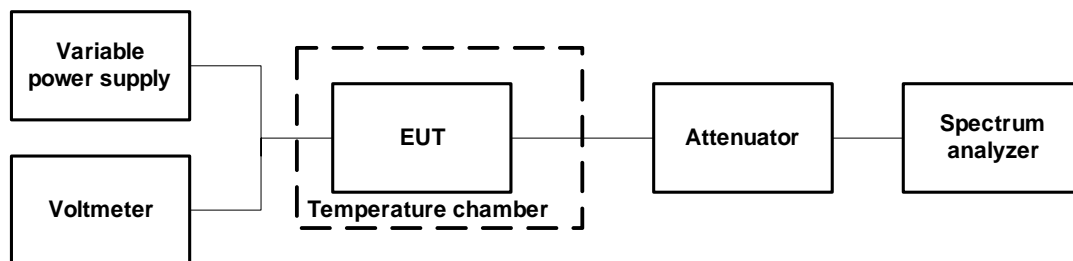
Table 7.5.1 Frequency stability limits

Assigned frequency band, MHz	Maximum allowed frequency displacement
5250 - 5350	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: 5250 - 5350 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	5252.31480	5252.4163	5252.4812	5252.5187	166400	37500	Pass
20	Nominal +15%	5252.35305	5252.2182	5252.3507	5252.3510	750	134100	
20	Nominal	5252.36175	5252.2173	5252.3413	5252.3523	9450	135000	
20	Nominal -15%	5252.35250	5252.2178	5252.3500	5252.3478	200	134500	
60	Nominal	5252.06930	5252.1018	5252.1248	5252.1230	0	283000	
<b>Mid frequency:</b>								
-45	Nominal	5297.3728	5297.4117	5297.4390	5297.4373	95450	0	Pass
20	Nominal +15%	5297.37145	5297.2460	5297.3468	5297.3439	27900	97550	
20	Nominal	5297.36940	5297.2477	5297.3437	5297.3436	25850	95850	
20	Nominal -15%	5297.35240	5297.2478	5297.3447	5297.3434	8850	95750	
60	Nominal	5297.1012	5297.1410	5297.1753	5297.1770	0	242350	
<b>High frequency:</b>								
-45	Nominal	5342.3673	5342.417	5342.4345	5342.4412	96800	-22900	Pass
20	Nominal +15%	5342.3518	5342.259	5342.3425	5342.3430	7350	85600	
20	Nominal	5342.3503	5342.257	5342.3436	5342.3444	5850	87700	
20	Nominal -15%	5342.3557	5342.257	5342.3444	5342.3430	11300	87400	
60	Nominal	5342.1135	5342.137	5342.1450	5342.1342	0	230900	

The maximum frequency drift is 283 kHz. The band edge of the channel is at least 800 kHz from either side of the band, the 283 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	29-Aug-08	29-Aug-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
0661	Generator Swept Signal, 10 MHz to 40 GHz, + 10 dBm	HP	83640B	3614A002 66	23-Sep-07	23-Sep-08
1425	EMI Receiver, 9 kHz - 2.9 GHz, System: HL1426, HL1427	Agilent Technologies	8542E	3710A002 22, 3705A002 04	03-Sep-08	03-Sep-09
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
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
2910	Cable 18 GHz, 3 m, SMA-SMA	Gore	NA	989370	05-Oct-07	05-Oct-08
2951	Cable, RF, 18 GHz, 0.9 m, SMA-SMA	Gore	10020014	NA	05-Oct-07	05-Oct-08
2952	Cable, RF, 18 GHz, 1.2 m, SMA-SMA	Gore	10020014	NA	05-Oct-07	05-Oct-08
3120	Microwave Cable Assembly, 18 GHz, 6.4 m, SMA - SMA	Huber-Suhner	198-9155-00	3120	13-Dec-07	13-Dec-08
3121	Microwave Cable Assembly, 18 GHz, 6.4 m, SMA - SMA	Huber-Suhner	198-9155-00	3121	13-Dec-07	13-Dec-08
3123	Microwave Cable Assembly, 18 GHz, 6.4 m, SMA - SMA	Huber-Suhner	198-9155-00	3123	13-Dec-07	13-Dec-08
3179	Attenuator, N-type, 20 dB, DC to 18 GHz, 5 W	Mini-Circuits	BW-N20W5+	0651	07-May-08	07-May-09
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	09-Sep-08	09-Sep-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  Vertical 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 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 2186A-1 for OATS and IC 2186A-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(μV) to convert it into field intensity in dB(μA/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, 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, 18 GHz, 3m, SMA-SMA, S/N 989370**  
**HL 2910**

Frequency, MHz	Cable loss, dB	Frequency, MHz	Cable loss, dB	Frequency, MHz	Cable loss, dB
10	0.07	5750	2.97	12000	5.05
30	0.19	6000	2.91	12250	4.44
100	0.36	6250	3.23	12500	4.82
250	0.53	6500	3.42	12750	5.22
500	0.77	6750	3.17	13000	5.02
750	0.94	7000	3.56	13250	5.00
1000	1.10	7250	3.77	13500	5.09
1250	1.19	7500	3.48	13750	4.70
1500	1.35	7750	3.81	14000	5.03
1750	1.51	8000	3.82	14250	5.17
2000	1.57	8250	3.62	14500	4.92
2250	1.69	8500	3.95	14750	4.91
2500	1.76	8750	4.00	15000	5.03
2750	1.83	9000	3.80	15250	4.93
3000	2.02	9250	4.09	15500	5.28
3250	2.17	9500	4.12	15750	5.60
3500	2.13	9750	4.11	16000	5.16
3750	2.23	10000	4.36	16250	5.45
4000	2.40	10250	4.75	16500	5.78
4250	2.31	10500	4.61	16750	5.47
4500	2.52	10750	4.26	17000	5.21
4750	2.77	11000	4.62	17250	5.53
5000	2.82	11250	4.55	17500	5.53
5250	2.77	11500	4.59	17750	5.71
5500	3.04	11750	5.20	18000	5.77



**Cable loss**  
**Cable coaxial, Gore, 18 GHz, 0.9 m, SMA-SMA, S/N 10020014**  
**HL 2951**

Frequency, MHz	Cable loss, dB	Frequency, MHz	Cable loss, dB	Frequency, MHz	Cable loss, dB
10	0.07	5750	0.77	12000	1.23
30	0.06	6000	0.78	12250	1.25
100	0.09	6250	0.81	12500	1.26
250	0.15	6500	0.83	12750	1.26
500	0.21	6750	0.84	13000	1.30
750	0.27	7000	0.85	13250	1.30
1000	0.31	7250	0.88	13500	1.30
1250	0.36	7500	0.88	13750	1.29
1500	0.38	7750	0.93	14000	1.23
1750	0.42	8000	0.92	14250	1.32
2000	0.44	8250	0.94	14500	1.27
2250	0.47	8500	0.99	14750	1.27
2500	0.50	8750	0.97	15000	1.34
2750	0.52	9000	1.01	15250	1.36
3000	0.54	9250	1.05	15500	1.35
3250	0.57	9500	1.08	15750	1.36
3500	0.58	9750	1.10	16000	1.43
3750	0.61	10000	1.09	16250	1.38
4000	0.63	10250	1.09	16500	1.42
4250	0.66	10500	1.07	16750	1.49
4500	0.68	10750	1.10	17000	1.53
4750	0.70	11000	1.09	17250	1.59
5000	0.71	11250	1.09	17500	1.65
5250	0.74	11500	1.13	17750	1.82
5500	0.77	11750	1.12	18000	2.09



**Cable loss**  
**Cable coaxial, Gore, 18 GHz, 1.2 m, SMA-SMA, S/N 10020014**  
**HL 2952**

Frequency, MHz	Cable loss, dB	Frequency, MHz	Cable loss, dB	Frequency, MHz	Cable loss, dB
10	0.03	5750	0.97	12000	1.50
30	0.05	6000	1.01	12250	1.45
100	0.11	6250	1.03	12500	1.48
250	0.19	6500	1.06	12750	1.57
500	0.26	6750	1.08	13000	1.51
750	0.32	7000	1.10	13250	1.64
1000	0.38	7250	1.13	13500	1.60
1250	0.43	7500	1.13	13750	1.63
1500	0.47	7750	1.21	14000	1.59
1750	0.53	8000	1.20	14250	1.66
2000	0.55	8250	1.24	14500	1.60
2250	0.59	8500	1.29	14750	1.65
2500	0.63	8750	1.23	15000	1.72
2750	0.66	9000	1.27	15250	1.68
3000	0.69	9250	1.27	15500	1.73
3250	0.72	9500	1.29	15750	1.70
3500	0.75	9750	1.30	16000	1.82
3750	0.78	10000	1.38	16250	1.79
4000	0.82	10250	1.44	16500	1.81
4250	0.84	10500	1.47	16750	1.91
4500	0.86	10750	1.45	17000	1.92
4750	0.90	11000	1.50	17250	1.98
5000	0.91	11250	1.46	17500	2.05
5250	0.94	11500	1.47	17750	2.04
5500	0.96	11750	1.44	18000	2.05



**Cable loss**  
**Microwave Cable Assembly, 18 GHz, 6.4 m, SMA – SMA, Huber-Suhner, model 198-9155-00**  
**HL 3120**

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	0.09	3600	2.13	7400	3.14	11200	3.93	15100	4.64
30	0.19	3700	2.19	7500	3.17	11300	3.93	15200	4.63
50	0.27	3800	2.21	7600	3.20	11400	3.94	15300	4.65
100	0.35	3900	2.22	7700	3.26	11500	3.92	15400	4.66
200	0.49	4000	2.28	7800	3.25	11600	3.92	15500	4.71
300	0.61	4100	2.28	7900	3.27	11700	3.89	15600	4.70
400	0.68	4200	2.31	8000	3.28	11800	3.94	15700	4.71
500	0.77	4300	2.37	8100	3.29	11900	3.95	15800	4.72
600	0.85	4400	2.38	8200	3.37	12000	3.96	15900	4.71
700	0.91	4500	2.40	8300	3.34	12100	4.06	16000	4.77
800	0.98	4600	2.45	8400	3.35	12200	4.01	16100	4.75
900	1.04	4700	2.45	8500	3.36	12300	4.11	16200	4.76
1000	1.09	4800	2.48	8600	3.38	12400	4.11	16300	4.81
1100	1.14	4900	2.53	8700	3.40	12500	4.17	16400	4.80
1200	1.16	5000	2.57	8800	3.42	12600	4.19	16500	4.84
1300	1.24	5100	2.56	8900	3.46	12700	4.27	16600	4.85
1400	1.29	5200	2.59	9000	3.47	12800	4.35	16700	4.88
1500	1.30	5300	2.61	9100	3.48	12900	4.22	16800	4.88
1600	1.38	5400	2.64	9200	3.52	13000	4.33	16900	4.86
1700	1.43	5500	2.68	9300	3.54	13100	4.30	17000	4.88
1800	1.47	5600	2.74	9400	3.58	13200	4.38	17100	4.85
1900	1.54	5700	2.71	9500	3.59	13300	4.34	17200	4.89
2000	1.52	5800	2.74	9600	3.67	13400	4.36	17300	4.91
2100	1.58	5900	2.78	9700	3.65	13500	4.32	17400	4.92
2200	1.61	6000	2.79	9800	3.72	13600	4.32	17500	4.91
2300	1.71	6100	2.82	9900	3.71	13700	4.39	17600	4.91
2400	1.75	6200	2.84	10000	3.80	13800	4.37	17700	4.97
2500	1.76	6300	2.86	10100	3.76	13900	4.41	17800	5.00
2600	1.80	6400	2.89	10200	3.84	14000	4.39	17900	5.00
2700	1.86	6500	2.90	10300	3.81	14100	4.38	18000	5.04
2800	1.86	6600	2.92	10400	3.84	14200	4.39		
2900	1.93	6700	2.95	10500	3.85	14300	4.43		
3000	1.93	6800	2.98	10600	3.86	14400	4.46		
3100	2.00	6900	3.01	10700	3.88	14600	4.53		
3200	2.03	7000	3.02	10800	3.89	14700	4.51		
3300	2.03	7100	3.06	10900	3.95	14800	4.64		
3400	2.09	7200	3.08	11000	3.89	14900	4.61		
3500	2.13	7300	3.10	11100	3.93	15000	4.65		

**Cable loss**  
**Microwave Cable Assembly, 18 GHz, 6.4 m, SMA – SMA, Huber-Suhner, model 198-9155-00**  
**HL 3121**

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	0.08	3600	2.10	7400	3.08	11200	3.85	15100	4.58
30	0.18	3700	2.14	7500	3.11	11300	3.85	15200	4.60
50	0.26	3800	2.18	7600	3.14	11400	3.86	15300	4.63
100	0.34	3900	2.19	7700	3.16	11500	3.86	15400	4.65
200	0.47	4000	2.25	7800	3.18	11600	3.87	15500	4.71
300	0.59	4100	2.25	7900	3.20	11700	3.85	15600	4.70
400	0.66	4200	2.28	8000	3.22	11800	3.96	15700	4.69
500	0.75	4300	2.35	8100	3.26	11900	3.92	15800	4.71
600	0.83	4400	2.35	8200	3.27	12000	3.92	15900	4.74
700	0.90	4500	2.38	8300	3.29	12100	3.94	16000	4.69
800	0.96	4600	2.43	8400	3.30	12200	3.94	16100	4.72
900	1.02	4700	2.43	8500	3.31	12300	3.99	16200	4.71
1000	1.07	4800	2.45	8600	3.33	12400	4.02	16300	4.74
1100	1.12	4900	2.48	8700	3.35	12500	4.10	16400	4.74
1200	1.15	5000	2.55	8800	3.36	12600	4.09	16500	4.75
1300	1.22	5100	2.54	8900	3.38	12700	4.15	16600	4.78
1400	1.28	5200	2.56	9000	3.40	12800	4.15	16700	4.86
1500	1.29	5300	2.58	9100	3.41	12900	4.08	16800	4.84
1600	1.36	5400	2.61	9200	3.45	13000	4.21	16900	4.83
1700	1.40	5500	2.64	9300	3.48	13100	4.19	17000	4.86
1800	1.45	5600	2.69	9400	3.52	13200	4.29	17100	4.83
1900	1.51	5700	2.67	9500	3.54	13300	4.24	17200	4.90
2000	1.50	5800	2.71	9600	3.59	13400	4.26	17300	4.91
2100	1.56	5900	2.73	9700	3.59	13500	4.26	17400	4.94
2200	1.59	6000	2.75	9800	3.62	13600	4.29	17500	4.93
2300	1.63	6100	2.81	9900	3.70	13700	4.35	17600	4.93
2400	1.73	6200	2.80	10000	3.70	13800	4.31	17700	5.00
2500	1.73	6300	2.82	10100	3.72	13900	4.29	17800	5.01
2600	1.78	6400	2.85	10200	3.73	14000	4.32	17900	5.00
2700	1.84	6500	2.87	10300	3.75	14100	4.33	18000	5.00
2800	1.84	6600	2.90	10400	3.76	14200	4.34		
2900	1.91	6700	2.91	10500	3.77	14300	4.36		
3000	1.91	6800	2.94	10600	3.79	14400	4.38		
3100	1.97	6900	2.96	10700	3.80	14600	4.42		
3200	1.98	7000	2.98	10800	3.81	14700	4.42		
3300	2.04	7100	3.01	10900	3.81	14800	4.55		
3400	2.04	7200	3.02	11000	3.83	14900	4.55		
3500	2.10	7300	3.04	11100	3.84	15000	4.55		

**Cable loss**  
**Microwave Cable Assembly, 18 GHz, 6.4 m, SMA – SMA, Huber-Suhner, model 198-9155-00**  
**HL 3123**

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	0.11	3600	1.97	7400	3.12	11200	3.90	15100	4.74
30	0.17	3700	1.97	7500	3.13	11300	3.93	15200	4.70
50	0.25	3800	2.03	7600	3.16	11400	3.88	15300	4.73
100	0.32	3900	2.04	7700	3.18	11500	3.87	15400	4.78
200	0.46	4000	2.10	7800	3.20	11600	3.90	15500	4.75
300	0.58	4100	1.97	7900	3.23	11700	3.86	15600	4.76
400	0.65	4200	1.97	8000	3.25	11800	3.88	15700	4.75
500	0.74	4300	2.03	8100	3.26	11900	3.86	15800	4.78
600	0.82	4400	2.04	8200	3.28	12000	3.89	15900	4.79
700	0.89	4500	2.10	8300	3.31	12100	3.94	16000	4.73
800	0.95	4600	1.97	8400	3.31	12200	3.92	16100	4.78
900	1.01	4700	1.97	8500	3.32	12300	3.96	16200	4.84
1000	1.07	4800	2.03	8600	3.34	12400	4.01	16300	4.90
1100	1.11	4900	2.04	8700	3.35	12500	4.07	16400	4.87
1200	1.17	5000	2.10	8800	3.37	12600	4.08	16500	4.90
1300	1.22	5100	2.53	8900	3.39	12700	4.17	16600	4.98
1400	1.27	5200	2.55	9000	3.42	12800	4.26	16700	5.05
1500	1.29	5300	2.60	9100	3.43	12900	4.16	16800	5.04
1600	1.35	5400	2.61	9200	3.51	13000	4.21	16900	5.02
1700	1.40	5500	2.64	9300	3.52	13100	4.24	17000	5.09
1800	1.44	5600	2.70	9400	3.54	13200	4.27	17100	5.07
1900	1.51	5700	2.67	9500	3.63	13300	4.31	17200	5.10
2000	1.49	5800	2.71	9600	3.61	13400	4.33	17300	5.13
2100	1.55	5900	2.74	9700	3.71	13500	4.25	17400	5.23
2200	1.58	6000	2.80	9800	3.66	13600	4.27	17500	5.21
2300	1.62	6100	2.79	9900	3.77	13700	4.33	17600	5.22
2400	1.72	6200	2.81	10000	3.75	13800	4.33	17700	5.36
2500	1.76	6300	2.83	10100	3.77	13900	4.31	17800	5.35
2600	1.78	6400	2.86	10200	3.80	14000	4.30	17900	5.45
2700	1.80	6500	2.88	10300	3.79	14100	4.30	18000	5.43
2800	1.86	6600	2.90	10400	3.87	14200	4.31		
2900	1.90	6700	2.92	10500	3.83	14300	4.37		
3000	1.90	6800	2.98	10600	3.88	14400	4.35		
3100	1.97	6900	2.98	10700	3.86	14600	4.53		
3200	1.97	7000	3.00	10800	3.87	14700	4.50		
3300	2.03	7100	3.02	10900	3.90	14800	4.62		
3400	2.04	7200	3.04	11000	3.84	14900	4.65		
3500	2.10	7300	3.06	11100	3.88	15000	4.79		

**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

END OF DOCUMENT