



TEST REPORT FROM RFI GLOBAL SERVICES LTD

Test of: SRC-System

To: FCC Part 15.247: 2008 Subpart C, RSS-210 Issue 7 June 2007
& RSS-Gen Issue 2 June 2007

Test Report Serial No:
RFI/RPT2/RP75785JD05A

Supersedes Test Report Serial No:
RFI/RPT1/RP75785JD05A

This Test Report Is Issued Under The Authority Of Brian Watson, Operations Director:	
	
Checked By:	 pp
Signature:	
Date of Issue:	19 November 2009

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1. Customer Information









Company Name:	Cardo Systems Inc.
Address:	13 HaMifal Street Or Yehuda 60221 Israel

2. Summary of Testing



2.1. General Information

Specification Reference:	47CFR15.247
Specification Title:	Code of Federal Regulations Volume 47 (Telecommunications) 2008: Part 15 Subpart C (Radio Frequency Devices) - Section 15.247
Specification Reference:	RSS-210 Issue 7 June 2007
Specification Title:	Low-power Licence-exempt Radio communication Devices (All Frequency Bands): Category I Equipment.
Specification Reference:	RSS-GEN Issue 2 June 2007
Specification Title:	General Requirements and Information for the Certification of Radio communication Equipment
Site Registration:	FCC: 209735; Industry Canada: 3245B-2
Location of Testing:	RFI Global Services Ltd, Wade Road, Basingstoke, Hampshire, RG24 8AH.
Test Dates:	16 October 2009 to 18 November 2009

2.2. Summary of Test Results

FCC Reference (47CFR)	IC Reference	Measurement	Port Type	Result
Part 15.107	RSS-Gen 7.2.2	Receiver/Idle Mode AC Conducted Emissions	AC Mains	
Part 15.109	RSS-Gen 4.10/6	Receiver/Idle Mode Radiated Spurious Emissions	Antenna	
Part 15.247(a)(1)	RSS-Gen 4.6.1 RSS-210 A8.1(a)	Transmitter 20 dB Bandwidth	Antenna	
Part 15.247(a)(1)	RSS-210 A8.1(b)	Transmitter Carrier Frequency Separation	Antenna	
Part 15.247(a)(1)(iii)	RSS-210 A8.1(d)	Transmitter Average Time of Occupancy	Antenna	
Part 15.247(b)(3)	RSS-Gen 4.8 RSS-210 A8.4(2)	Transmitter Maximum Peak Output Power	Antenna	
Part 15.35(c)	RSS-Gen 4.5	Transmitter Duty Cycle	Antenna	N/A
Part 15.247(d) & 15.209(a)	RSS-Gen 4.9 RSS-210 A8.5	Transmitter Radiated Emissions	Antenna	
Part 15.247(d) & 15.209(a)	RSS-Gen 4.9 RSS-210 A8.5	Transmitter Band Edge Radiated Emissions	Antenna	

Key to Results

 = Complied  = Did not comply

2.3. Methods and Procedures

Reference:	ANSI C63.4 (2003)
Title:	American National Standard Methods of Measurement of Electromagnetic Emissions from Low Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz.
Reference:	DA00-705 (2000)
Title:	Filing and Frequency Measurement Guidelines for Frequency Hopping Spread Spectrum Systems.

2.4. Deviations from the Test Specification

For the measurements contained within this test report, there were no deviations from, additions to, or exclusions from the test specification identified above.

3. Equipment Under Test (EUT)

3.1. Identification of Equipment Under Test (EUT)

Description:	Bluetooth stereo headset for motorcycle helmets
Brand Name:	SRC-System
Model Name or Number:	SRC-System (Schuberth Rider Communication-System)
Serial Number:	S093300049
Bluetooth Address	000999700028
Hardware Version Number:	1
Software Version Number:	1
Industry Canada ID Number:	4668A-ER10
FCC ID Number:	Q95ER10

Description:	USB to USB Micro B
Brand Name:	Linoya
Model Name or Number:	E315618
Serial Number:	N/A

Description:	Mains charger
Brand Name:	Ktec
Model Name or Number:	KSUFB0500100W1EU
Serial Number:	N/A

3.2. Description of EUT

The equipment under test was a *Bluetooth* stereo headset for motorcycle helmets.

3.3. Modifications Incorporated in the EUT

No modifications were applied to the EUT during testing.

3.4. Additional Information Related to Testing

Tested Technology:	<i>Bluetooth</i>		
Power Supply Requirement:	Nominal	3.8 V	
	Minimum	3.5 V	
	Maximum	4.2 V	
Type of Unit:	Transceiver		
Channel Spacing:	1 MHz		
Mode:	Basic Rate		
Modulation:	GFSK		
Packet Type: (Maximum Payload)	DH5		
Data Rate (Mbit/s):	1		
Maximum Transmit EIRP:	11.6 dBm		
Transmit Frequency Range:	2402 MHz to 2480MHz		
Transmit Channels Tested:	Channel ID	Channel Number	Channel Frequency (MHz)
	Bottom	0	2402
	Middle	39	2441
	Top	78	2480
Receive Frequency Range:	2402 MHz to 2480 MHz		
Receive Channels Tested:	Channel ID	Channel Number	Channel Frequency (MHz)
	Bottom	0	2402
	Middle	39	2441
	Top	78	2480

3.5. Support Equipment

The following support equipment was used to exercise the EUT during testing:

Description:	Bluetooth Test set
Brand Name:	Rohde and Schwarz
Model Name or Number:	1153.9000.35
Serial Number:	100329
RFI Identification	M1447

Description:	Bluetooth Test set
Brand Name:	Agilent
Model Name or Number:	N4010A
Serial Number:	N/A
RFI Identification	M1239

4. Operation and Monitoring of the EUT during Testing

4.1. Operating Modes

The EUT was tested in the following operating mode(s):

- Receive/idle mode.
- Transmit mode at basic data rate (DH5 Packets).

4.2. Configuration and Peripherals

The EUT was tested in the following configuration(s):

- For Transmit tests: Standalone, connected via a radio link to a Bluetooth Tester to provide a test mode and normal mode of operation for the sample.
- For Receive/Idle mode tests: Standalone, with the Bluetooth mode active but not transmitting.
- Receiver/idle and transmitter radiated spurious emissions tests were performed with the mains charger connected to the EUT via the USB/charge cable and 120VAC supply as this was found to be the worst case during prescans.
- The EUT is not capable of transmitting when being charged therefore no testing of Transmitter Mode AC Conducted Spurious Emissions was performed.

5. Measurements, Examinations and Derived Results

5.1. General Comments

Measurement uncertainties are evaluated in accordance with current best practice. Our reported expanded uncertainties are based on standard uncertainties, which are multiplied by an appropriate coverage factor to provide a statistical confidence level of approximately 95%. Please refer to *Section 6. Measurement Uncertainty* for details.

5.2. Test Results

5.2.1. Receiver/Idle Mode AC Conducted Spurious Emissions

Test Summary:

FCC Part:	15.107
Test Method Used:	As detailed in ANSI C63.4 Section 7 and relevant annexes

Environmental Conditions:

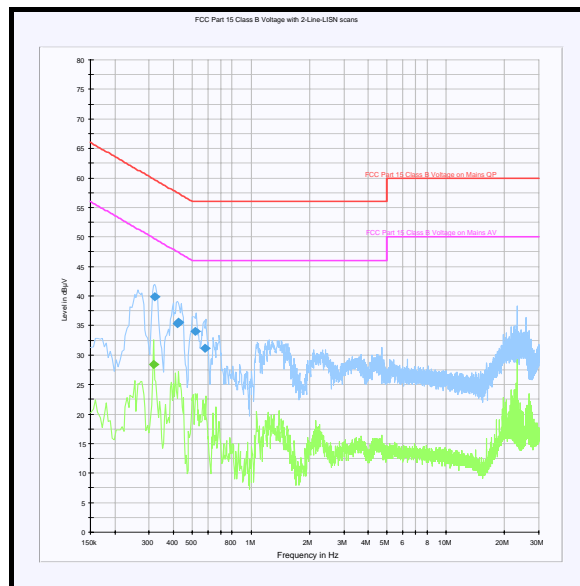
Temperature (°C):	24
Relative Humidity (%):	34

Results: Quasi Peak Detector Measurements

Frequency (MHz)	Line	Quasi Peak Level (dBµV)	Limit (dBµV)	Margin (dB)	Result
0.321000	Live	39.8	59.7	19.9	Complied
0.420000	Live	35.3	57.4	22.1	Complied
0.424500	Live	35.5	57.4	21.9	Complied
0.519000	Live	34.0	56.0	22.0	Complied
0.582000	Live	31.2	56.0	24.8	Complied

Results: Average Detector Measurements

Frequency (MHz)	Line	Average Level (dBµV)	Limit (dBµV)	Margin (dB)	Result
0.316500	Live	28.5	49.8	21.3	Complied



Note: This plot is a pre-scan and for indication purposes only. For final measurements, see accompanying table.

5.2.2. Receiver/Idle Mode Radiated Spurious Emissions

Test Summary:

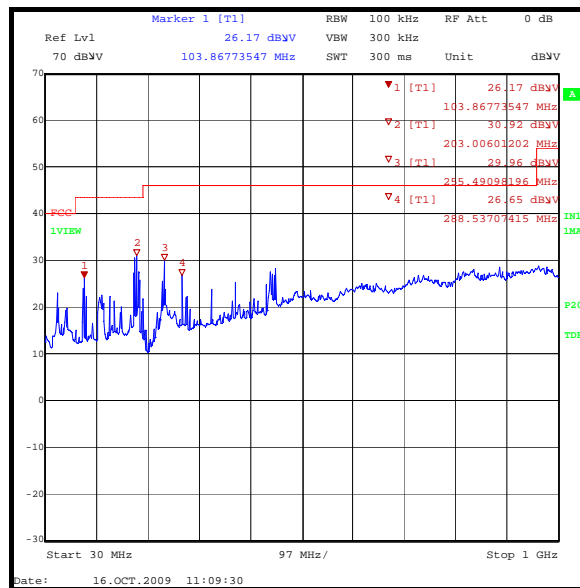
FCC Part:	15.109
Test Method Used:	As detailed in ANSI C63.4 Section 8 and relevant annexes
Frequency Range:	30 MHz to 1000 MHz

Environmental Conditions:

Temperature (°C):	24
Relative Humidity (%):	32

Results:

Frequency (MHz)	Antenna Polarity	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Result
104.069	Horizontal	24.7	43.5	18.8	Complied
209.434	Horizontal	19.2	46.0	26.8	Complied
256.014	Horizontal	30.2	46.0	15.8	Complied
288.013	Horizontal	27.1	46.0	18.9	Complied
458.815	Horizontal	24.4	46.0	21.6	Complied



Note: This plot is a pre-scan and for indication purposes only. For final measurements, see accompanying table.

Receiver/Idle Mode Radiated Spurious Emissions (continued)**Test Summary:**

FCC Part:	15.109
Test Method Used:	As detailed in ANSI C63.4 Section 8 and relevant annexes
Frequency Range:	1GHz to 12.75

Environmental Conditions:

Temperature (°C):	24
Relative Humidity (%):	31

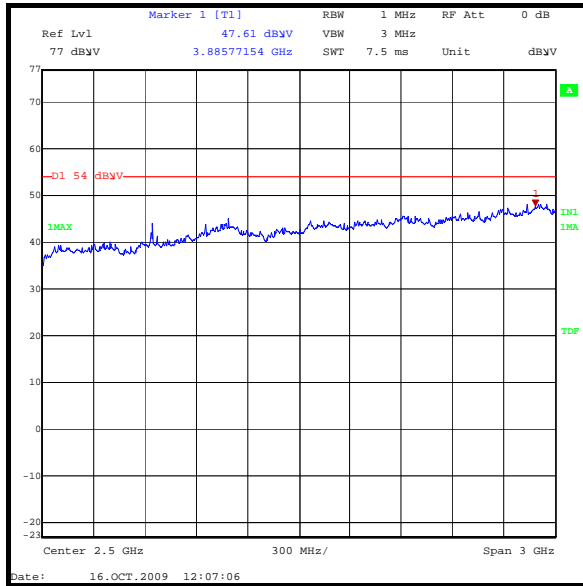
Results: Peak Level

Frequency (MHz)	Antenna Polarity	Detector Level (dBμV)	Transducer Factor (dB)	Peak Level (dBμV/m)	Average Limit (dBμV/m)	Margin (dB)	Result
3885.771	Vertical	42.2	5.4	47.6	54.0	6.4	Complied

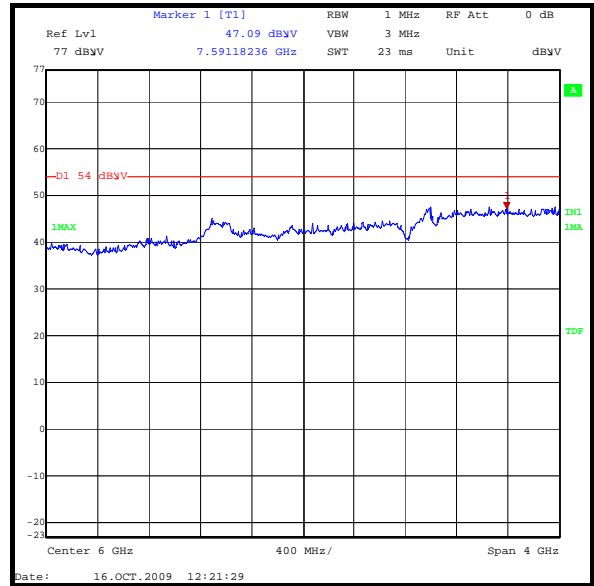
Note(s):

1. No spurious emissions were detected above the noise floor of the measuring receiver; therefore, the highest peak noise floor reading of the measuring receiver was recorded as shown in the table above. The peak level was compared to the average limit as opposed to being compared to the peak limit because this is the more onerous limit.
2. All pre-scans were performed with a peak detector against average limits apart from measurements made in the range 8 GHz to 12.75 GHz where pre-scans were performed with peak and average detectors and the applicable limit applied. This was due to the noise floor exceeding the average limit when using a peak detector.

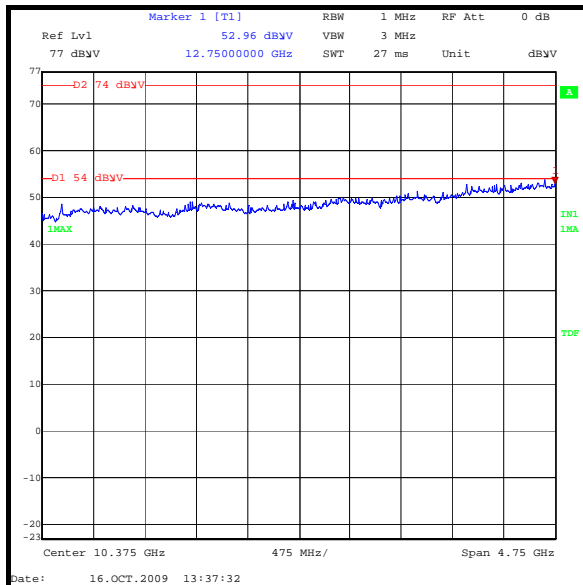
Receiver/Idle Mode Radiated Spurious Emissions (continued)



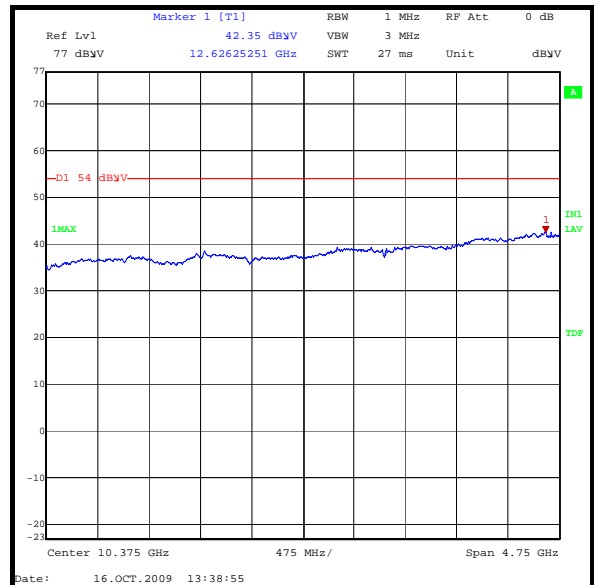
1 GHz to 4 GHz



4 GHz to 8 GHz



8 GHz to 12.75 GHz Peak Detector



8 GHz to 12.75 GHz Avg Detector

5.2.3. Transmitter 20dB Bandwidth**Test Summary:**

FCC Part:	15.247(a)(1)
Test Method Used:	As detailed in Public Notice DA 00-705 (March 30, 2000) (see note below)

Environmental Conditions:

Temperature (°C):	24
Relative Humidity (%):	56

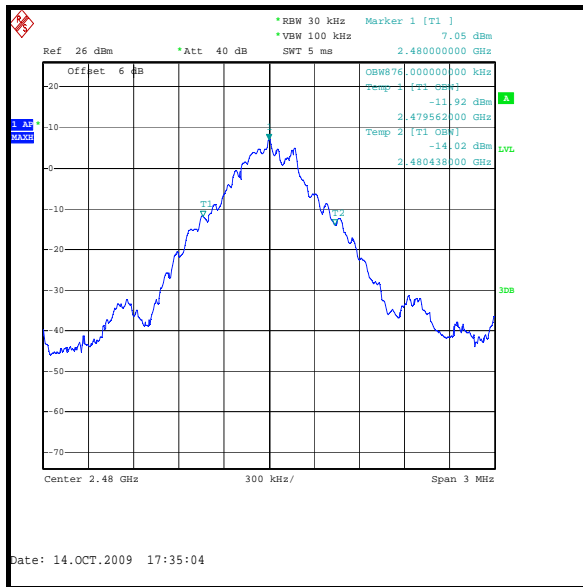
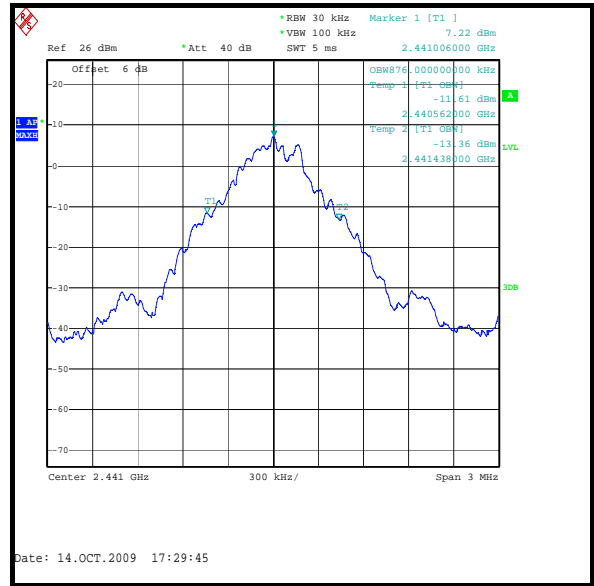
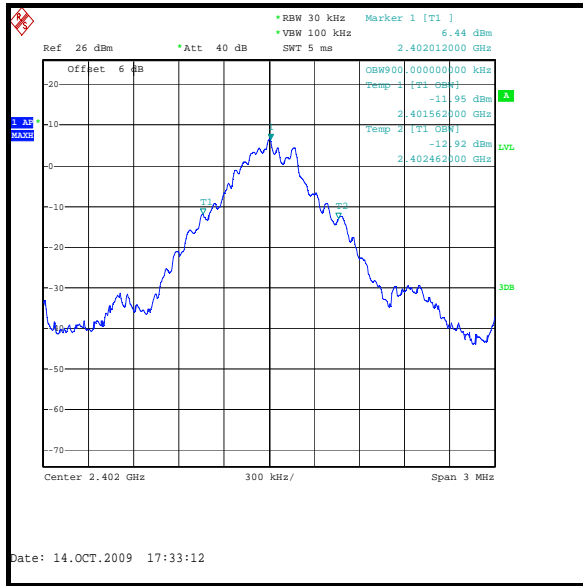
Results: DH5

Channel	20 dB Bandwidth (kHz)
Bottom	900
Middle	876
Top	876

Note(s):

1. In lieu of the test method detailed in Public Notice DA 00-705 the 20 dB bandwidth was measured using the Occupied Bandwidth function of the spectrum analyser.

Transmitter 20 dB Bandwidth (continued)



5.2.4. Transmitter Carrier Frequency Separation

Test Summary:

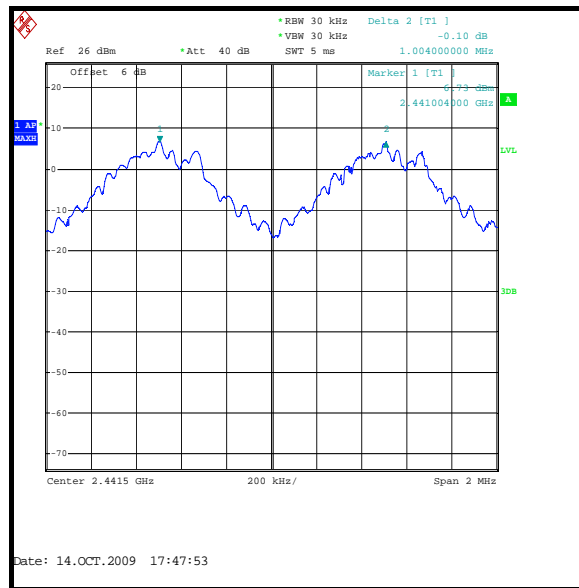
FCC Part:	15.247(a)(1)
Test Method Used:	As detailed in Public Notice DA 00-705 (March 30, 2000)

Environmental Conditions:

Temperature (°C):	24
Relative Humidity (%):	56

Results:

Transmitter Carrier Frequency Separation (kHz)	Limit ($2/3$ of 20 dB BW) (kHz)	Margin (kHz)	Result
1004.0	600.0	404.0	Complied



5.2.5. Transmitter Average Time of Occupancy**Test Summary:**

FCC Part:	15.247(a)(1)(iii)
Test Method Used:	As detailed in Public Notice DA 00-705 (March 30, 2000)

Environmental Conditions:

Temperature (°C):	21
Relative Humidity (%):	67

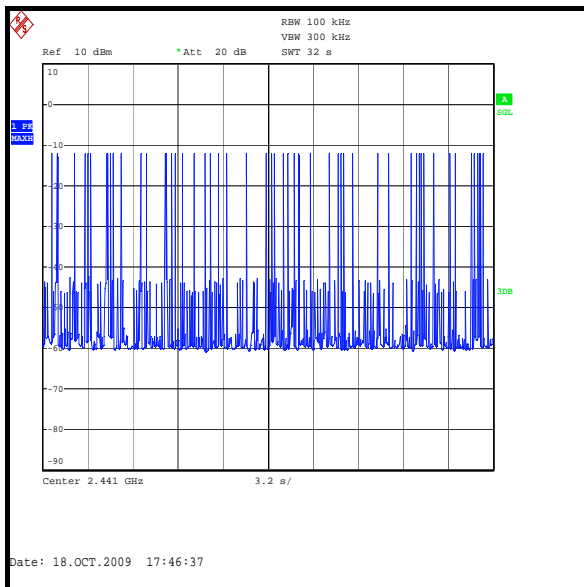
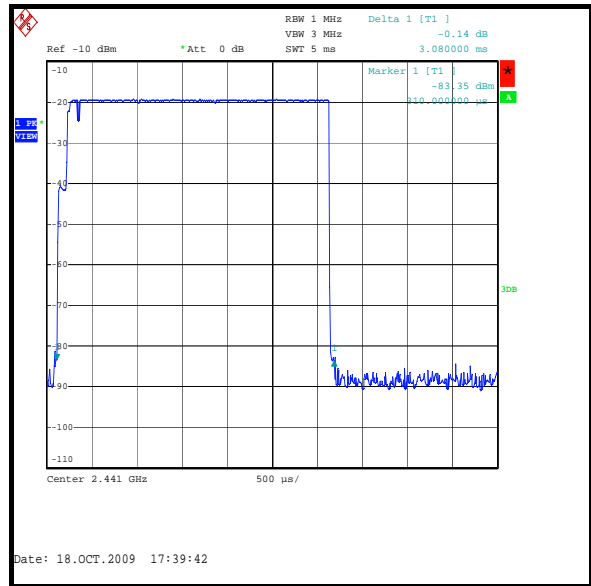
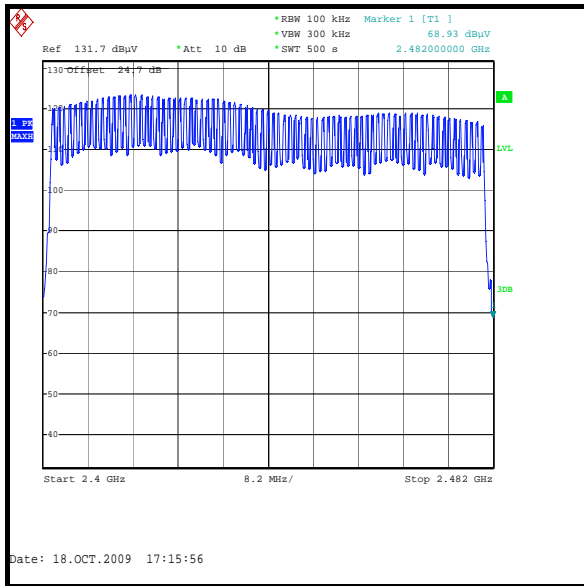
Results:

Emission Width (μs)	Number of Hops in 31.6 Seconds	Average Time of Occupancy (s)	Limit (s)	Margin (s)	Result
3080	50	0.154	0.4	0.246	Complied

Note(s):

1. Tests were performed to identify the average time of occupancy in number of channels (79) x 0.4 seconds. The calculated period is 31.6 seconds.

Transmitter Average Time of Occupancy (continued)



5.2.6. Transmitter Maximum Peak Output Power (EIRP)**Test Summary:**

FCC Part:	15.247(b)(3)
Test Method Used:	As detailed in Public Notice DA 00-705 (March 30, 2000)

Environmental Conditions:

Temperature (°C):	24
Relative Humidity (%):	56

Results:

Channel	EIRP (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	9.9	30.0	20.1	Complied
Middle	11.6	30.0	18.4	Complied
Top	10.6	30.0	19.4	Complied

Note(s):

1. These tests were performed radiated; therefore the EUT antenna gain is encompassed in the final result and not measurable.

5.2.7. Transmitter Duty Cycle

Test Summary:

FCC Part:	15.35(c)
Test Method Used:	As detailed in Public Notice DA 00-705 (March 30, 2000)

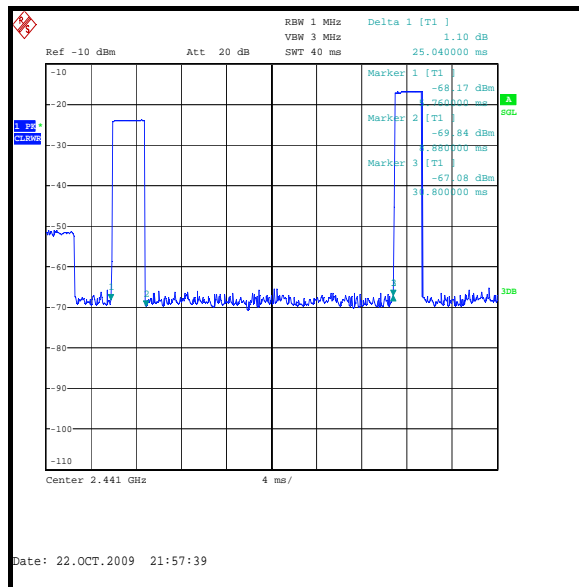
Environmental Conditions:

Temperature (°C):	21
Relative Humidity (%):	67

Results:

TX On Pulse Duration (ms)	Number of Pulses in 100 mS	Aggregate Dwell Time in 100 mS (ms)	Duty Cycle Correction Factor (dB)
3.08	4	12.32	18.2

Silent period (Tx off) (ms)
21.920



Note(s):

1. In order to assist with the determination of the average level of fundamental and spurious emissions field strength, measurements were made of duty cycle to determine the transmission duration and the silent period time of the transmitter. The transmitter duty cycle was measured using a spectrum analyser and calculated using $20 \log(\text{dwell time} / 100 \text{ mS})$.

5.2.8. Transmitter Radiated Emissions

Test Summary:

FCC Part:	15.247(d) & 15.209(a)
Test Method Used:	As detailed in ANSI C63.4 Section 8 and Public Notice DA 00-705 (March 30, 2000)
Frequency Range	30 MHz to 1 GHz

Environmental Conditions:

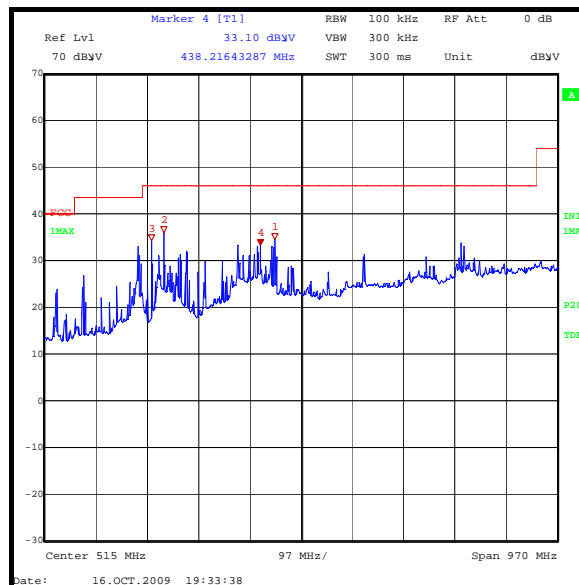
Temperature (°C):	26
Relative Humidity (%):	27

Results: Top Channel

Frequency (MHz)	Antenna Polarity	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
255.492	Vertical	22.3	46.0	23.7	Complied
232.164	Vertical	16.8	46.0	29.2	Complied
438.216	Vertical	33.1	46.0	12.9	Complied
465.431	Vertical	24.3	46.0	21.7	Complied

Note(s):

- The preliminary scans showed similar emission levels below 1 GHz, for each channel of operation. Therefore final radiated emissions measurements were performed with the EUT set to the top channel only.



Note: This plot is a pre-scan and for indication purposes only. For final measurements, see accompanying tables.

5.2.9. Transmitter Radiated Emissions**Test Summary:**

FCC Part:	15.247(d) & 15.209(a)
Test Method Used:	As detailed in ANSI C63.4 Section 8 and Public Notice DA 00-705 (March 30, 2000)
Frequency Range	1GHz to 26.5 GHz

Environmental Conditions:

Temperature (°C):	26
Relative Humidity (%):	28

Results: Highest Peak Level Bottom Channel

Frequency (MHz)	Antenna Polarity	Detector Level (dB μ V)	Transducer Factor (dB)	Actual Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
4804.002	Vertical	67.1	-1.8	65.3	74.0	8.7	Complied

Results: Highest Average Level Bottom Channel

Frequency (MHz)	Antenna Polarity	Detector Level (dB μ V)	Transducer Factor (dB)	Actual Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
4804.002	Vertical	48.9	-1.8	47.1	54.0	6.9	Complied

Results: Highest Peak Level Middle Channel

Frequency (MHz)	Antenna Polarity	Detector Level (dB μ V)	Transducer Factor (dB)	Actual Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
4881.744	Vertical	64.4	-1.2	63.2	74.0	10.8	Complied

Results: Highest Average Level Middle Channel

Frequency (MHz)	Antenna Polarity	Detector Level (dB μ V)	Transducer Factor (dB)	Actual Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
4881.744	Vertical	46.2	-1.2	45.0	54.0	9.0	Complied

Results: Highest Peak Level Top Channel

Frequency (MHz)	Antenna Polarity	Detector Level (dB μ V)	Transducer Factor (dB)	Actual Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
4960.040	Vertical	59.1	-1.6	57.5	74.0	16.5	Complied

Transmitter Radiated Emissions (continued)**Results: Highest Average Level Top Channel**

Frequency (MHz)	Antenna Polarity	Detector Level (dB μ V)	Transducer Factor (dB)	Actual Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
4960.040	Vertical	40.9	-1.6	39.3	54.0	14.7	Complied

Results: Highest Peak Level Hopping Mode

Frequency (MHz)	Antenna Polarity	Detector Level (dB μ V)	Transducer Factor (dB)	Actual Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
4835.566	Vertical	65.2	-1.8	63.4	74.0	10.6	Complied

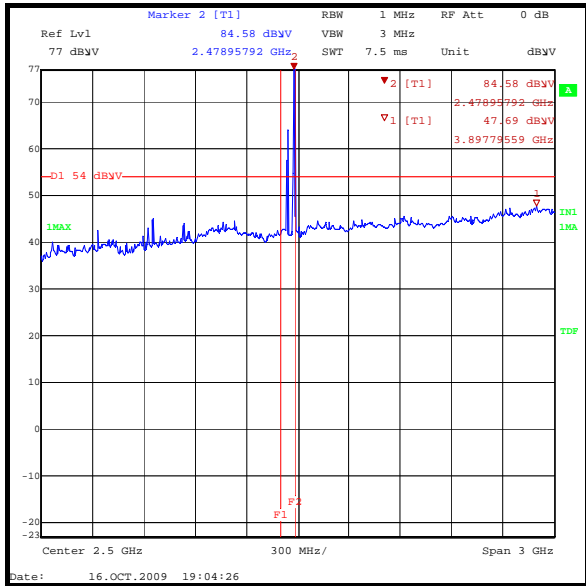
Results: Highest Average Level Hopping Mode

Frequency (MHz)	Antenna Polarity	Detector Level (dB μ V)	Transducer Factor (dB)	Actual Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
4835.566	Vertical	47.0	-1.8	45.2	54.0	8.8	Complied

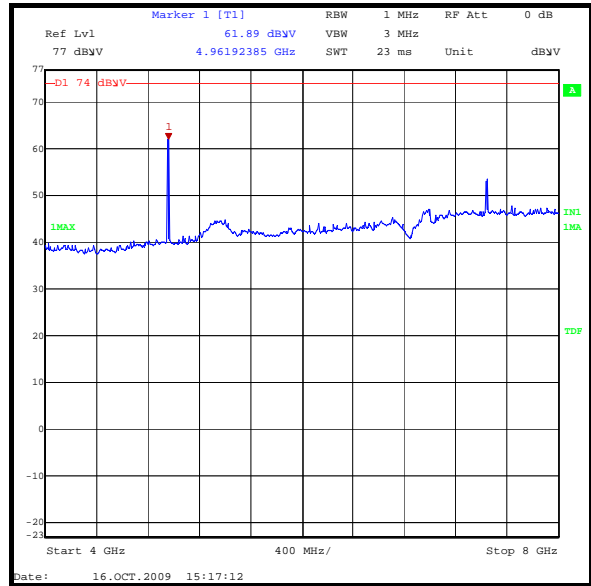
Note(s):

1. The peak level was measured with the EUT in continuous transmit mode. The average level was determined by subtracting the duty cycle correction factor (18.2 dB) from the measured peak level.
2. All other emissions were at least 20 dB below the appropriate limit.
3. All pre-scans were performed with a peak detector against average limits apart from measurements made in the range 8 GHz to 18 GHz where pre-scans were performed with peak and average detectors and the applicable limit applied. This was due to the noise floor exceeding the average limit when using a peak detector.
4. The emission at 2441 MHz shown on the 1 GHz to 4 GHz plot is from the Bluetooth test set whilst the emission at and 2480 MHz is the transmitter fundamental.

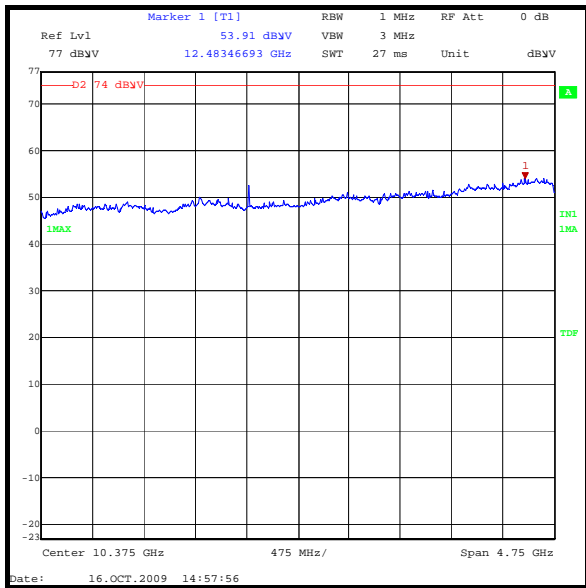
Transmitter Radiated Emissions (continued)



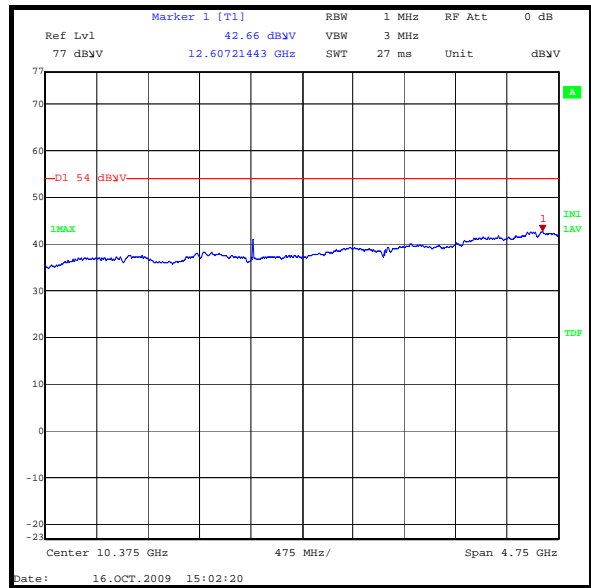
1 GHz to 4 GHz Peak Detector



4 GHz to 8 GHz Peak Detector



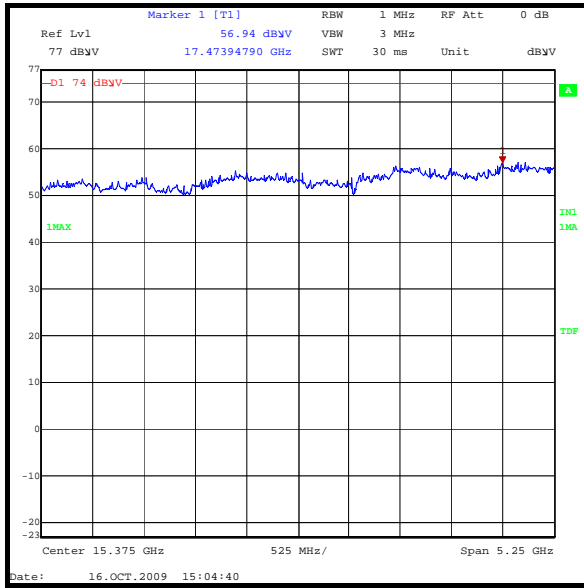
8 GHz to 12.75 GHz Peak Detector



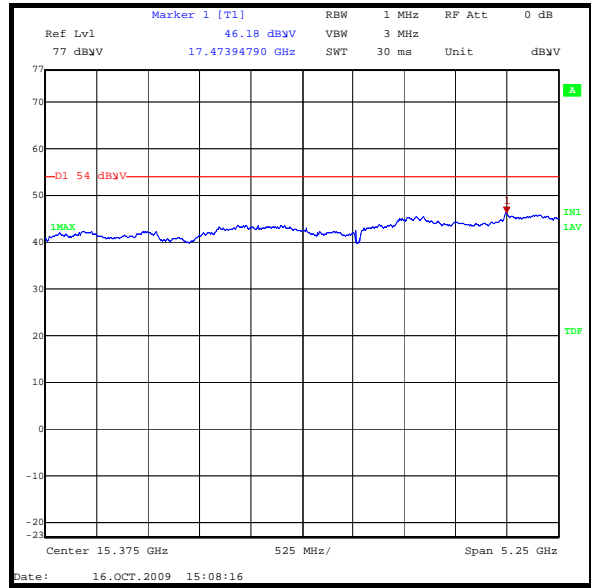
8 GHz to 12.75 GHz Avg Detector

Note: These plots are pre-scans and for indication purposes only. For final measurements, see accompanying tables.

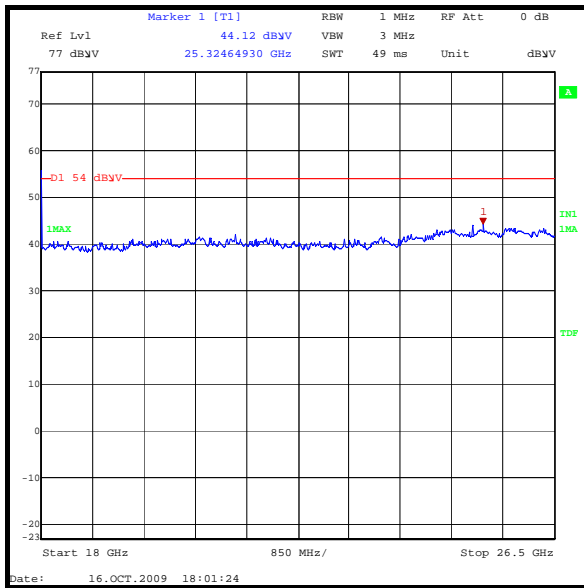
Transmitter Radiated Emissions (continued)



12.75 GHz to 18 GHz Peak Detector



12.75 GHz to 18 GHz Avg Detector



18 GHz to 26.5 GHz Peak Detector

Note: These plots are pre-scans and for indication purposes only. For final measurements, see accompanying tables.

5.2.10. Transmitter Band Edge Radiated Emissions**Test Summary:**

FCC Part:	15.247(d) & 15.209(a)
Test Method Used:	As detailed in ANSI C63.4 Section 8 and Public Notice DA 00-705 (March 30, 2000)

Environmental Conditions:

Temperature (°C):	21
Relative Humidity (%):	67

Results: Peak Power Level Hopping Mode

Frequency (MHz)	Antenna Polarity	Detector Level (dBμV)	Transducer Factor (dB)	Actual Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
2400.0	Horizontal	56.8	-0.2	56.6	*84.9	28.3	Complied
2483.5	Horizontal	68.2	-0.3	67.9	74.0	6.1	Complied

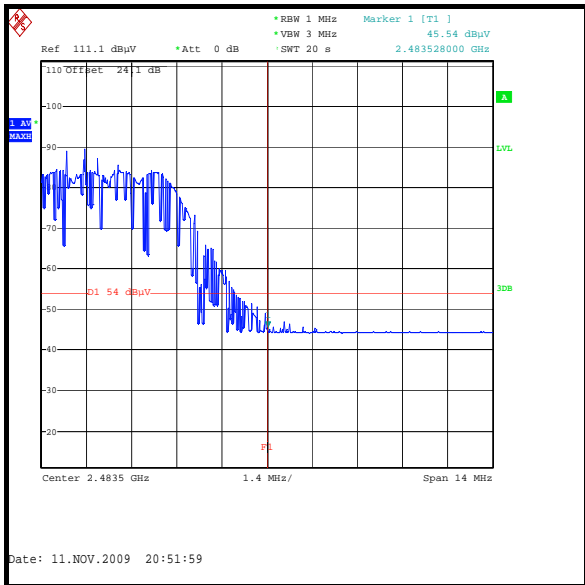
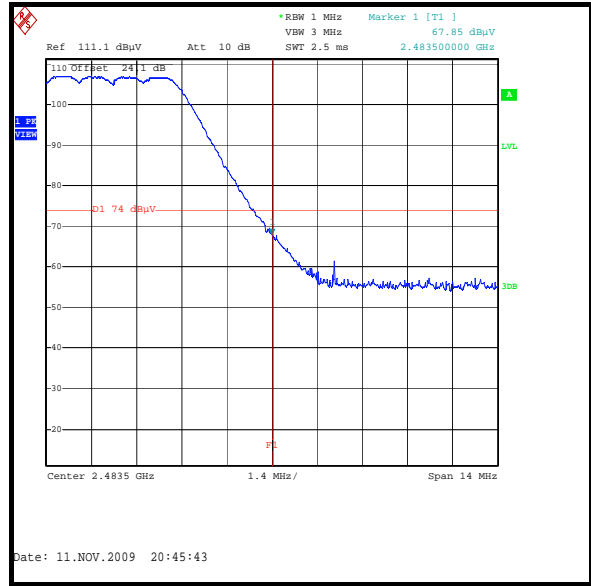
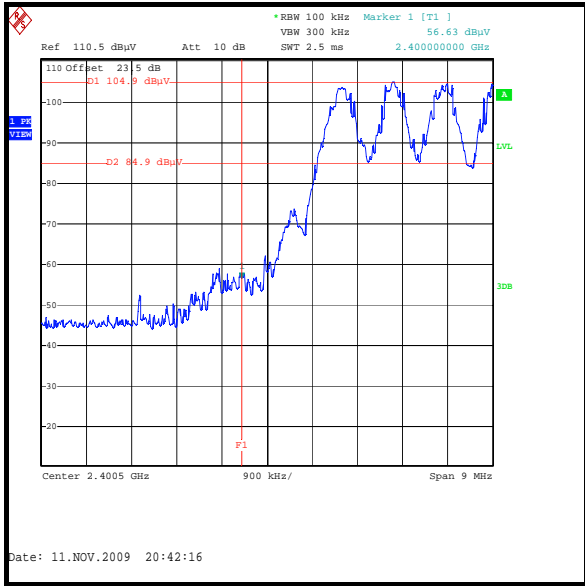
Results: Average Power Level Hopping Mode

Frequency (MHz)	Antenna Polarity	Detector Level (dBμV)	Transducer Factor (dB)	Actual Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
2483.5	Horizontal	45.8	-0.3	45.5	54.0	8.5	Complied

Note(s):

- * -20 dBc limit.

Transmitter Band Edge Radiated Emissions (continued)



Transmitter Band Edge Radiated Emissions (continued)**Results: Peak Power Level Static Mode**

Frequency (MHz)	Antenna Polarity	Detector Level (dB μ V)	Transducer Factor (dB)	Actual Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
2400	Horizontal	59.1	-0.2	58.9	*85.0	26.1	Complied
2483.5	Horizontal	68.3	-0.3	68.0	74.0	6.0	Complied

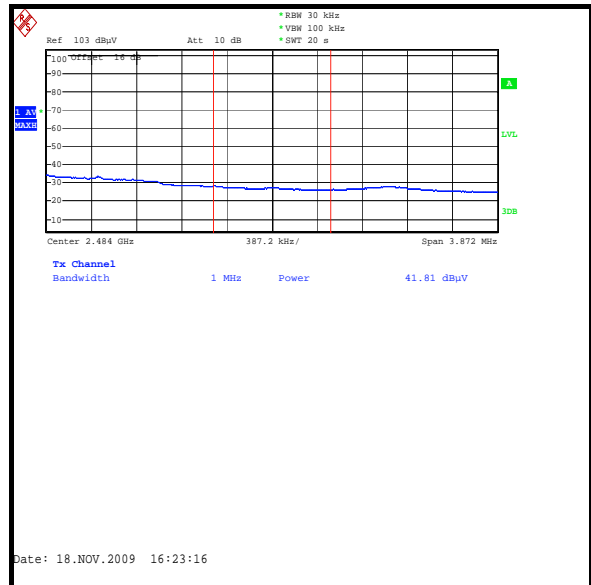
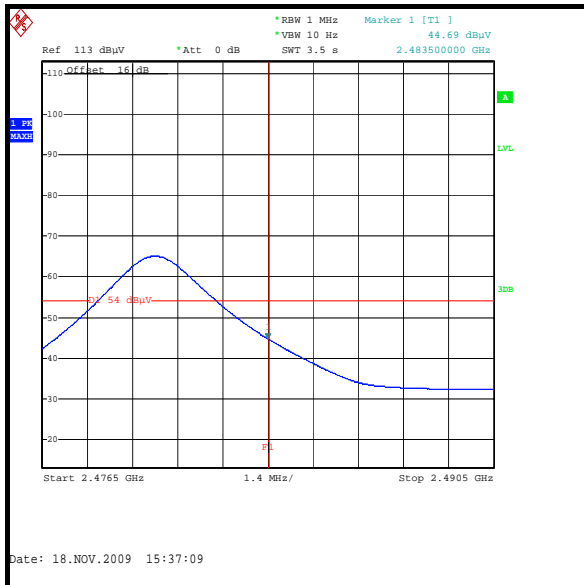
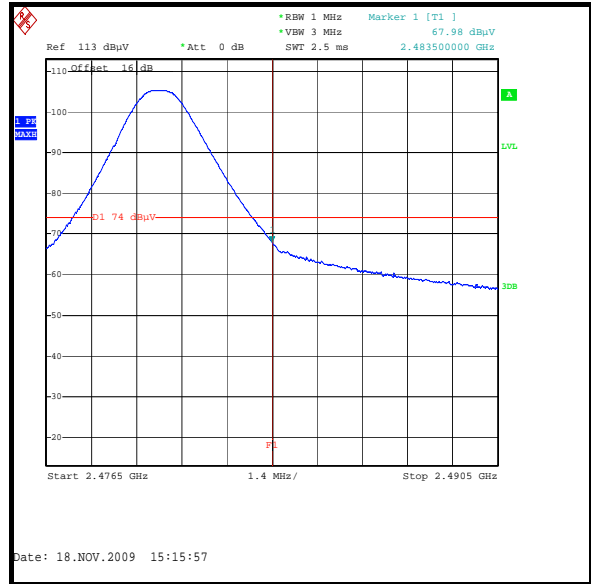
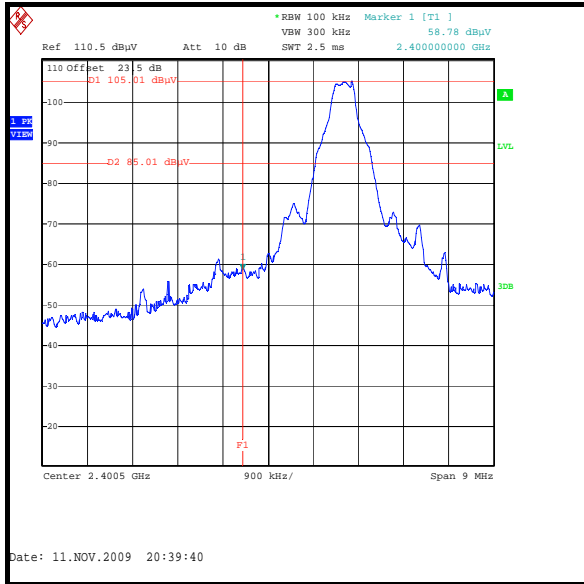
Results: Average Power Level Static Mode

Frequency (MHz)	Antenna Polarity	Detector Level (dB μ V)	Transducer Factor (dB)	Actual Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
2483.5	Horizontal	45.0	-0.3	44.7	54.0	9.3	Complied

Note(s):

- * -20 dBc limit.
- The radiated upper band edge measurement was performed in accordance with FCC part 15.35 using a peak detector. The EUT was found to be compliant.
- The measurement was then repeated in accordance with Public Notice DA 00-705 Radiated Spurious Emissions section, by reducing the VBW to 10 Hz while maintaining all previous spectrum analyser settings and the FCC Part 15.209 limit applied. The EUT was found to be compliant. In addition, the level in the 1 MHz block immediately above the upper band edge was measured using the channel power function and average detector on the spectrum analyser. The level in 1 MHz block was found to be below the FCC Part 15.209 limit.

Transmitter Band Edge Radiated Emissions (continued)



6. Measurement Uncertainty

No measurement or test can ever be perfect and the imperfections give rise to error of measurement in the results. Consequently the result of a measurement is only an approximation to the value of the measurand (the specific quantity subject to measurement) and is only complete when accompanied by a statement of the uncertainty of the approximation.

The expression of uncertainty of a measurement result allows realistic comparison of results with reference values and limits given in specifications and standards.

The uncertainty of the result may need to be taken into account when interpreting the measurement results.

The reported expanded uncertainties below are based on a standard uncertainty multiplied by an appropriate coverage factor such that a confidence level of approximately 95% is maintained. For the purposes of this document “approximately” is interpreted as meaning “effectively” or “for most practical purposes”.

Measurement Type	Range	Confidence Level (%)	Calculated Uncertainty
AC Conducted Spurious Emissions	0.15 MHz to 30 MHz	95%	±3.72 dB
Transmitter Maximum Peak Output Power	Not Applicable	95%	±2.94 dB
Transmitter Carrier Frequency Separation	Not Applicable	95%	±0.92 ppm
Transmitter Average Time of Occupancy	Not Applicable	95%	±0.3 ns
20 dB Bandwidth	Not Applicable	95%	±11.4 ppm
Radiated Spurious Emissions	30 MHz to 1000 MHz	95%	±4.64 dB
Radiated Spurious Emissions	1 GHz to 40 GHz	95%	±2.94 dB

The methods used to calculate the above uncertainties are in line with those recommended within the various measurement specifications. Where measurement specifications do not include guidelines for the evaluation of measurement uncertainty the published guidance of the appropriate accreditation body is followed.

Appendix 1. Test Equipment Used

RFI No.	Instrument	Manufacturer	Type No.	Serial No.	Date Last Calibrated	Cal. Interval (Months)
A1496	Attenuator	M/A	FSC 96341	2083-6146-06	Calibrated before use	-
A1534	Pre Amplifier	Hewlett Packard	8449B OPT H02	3008A00405	Calibrated before use	-
A1818	Antenna	EMCO	3115	00075692	25 Nov 2009	12
A1830	Pulse Limiter	Rhode & Schwarz	ESH3-Z2	100668	05 Jan 2009	12
A288	Antenna	Chase	CBL6111A	1589	13 Mar 2009	12
A649	LISN	Rohde & Schwarz	ESH3-Z5	825562/008	19 Mar 2009	12
K0001	5m SA Chamber	Rainford EMC	N/A	N/A	04 May 2009	12
K0002	3m RSE Chamber	Rainford EMC	N/A	N/A	01 Sep 2009	12
M1124	Test Receiver	Rohde & Schwarz	ESIB26	100046K	09 Mar 2009	12
M1263	Test Receiver	Rohde & Schwarz	ESIB7	100265	22 Apr 2009	12
M1448	Spectrum Analyser	Rohde & Schwarz	FSP	100323	19 Jan 2009	12

NB In accordance with UKAS requirements all the measurement equipment is on a calibration schedule.