TEST REPORT
FROM
RFI GLOBAL SERVICES LTD

Test of: NTT docomo P-06B

To: FCC Part 22: 2009 Subpart H

Test Report Serial No:
RFI-RPT-RP77775JD03A

This Test Report Is Issued Under The Authority Of Scott D'Adamo, Operations Manager Global Approvals:	
Checked By:	Ian Watch
Signature:	
Date of Issue:	04 June 2010

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1. Customer Information

Company Name:	Panasonic Mobile Communications Development of Europe Ltd
Address:	Panasonic House Willoughby Road Bracknell Berkshire RG12 8FP United Kingdom

2. Summary of Testing

2.1. General Information

Specification Reference:	47CFR22
Specification Title:	Code of Federal Regulations Volume 47 (Telecommunications) 2009: Part 22 Subpart H (Public Mobile Services)
Site Registration:	FCC: 209735
Location of Testing:	RFI Global Services Ltd, Wade Road, Basingstoke, Hampshire, RG24 8AH, United Kingdom
Test Dates:	25 May 2010 to 28 May 2010

2.2. Summary of Test Results

FCC Reference (47CFR)	Measurement	Result
Part 15.107	Receiver/Idle Mode AC Conducted Spurious Emissions	✓
Part 15.109	Receiver/Idle Mode Radiated Spurious Emissions	✓
Part 22.913(a)	Transmitter Effective Radiated Power (ERP)	✓
Part 22.355	Transmitter Frequency Stability (Temperature and Voltage Variation)	✓
Part 2.1049	Transmitter Occupied Bandwidth	✓
Part 2.1053/22.917	Transmitter Out of Band Radiated Emissions	✓
Part 2.1053/22.917	Transmitter Band Edge Radiated Emissions	✓

Key to Results

✓ = Complied ✗ = Did not comply

2.3. Methods and Procedures

Reference:	ANSI/TIA-603-C-2004
Title:	Land Mobile Communications Equipment, Measurements and performance Standards
Reference:	ANSI C63.4 (2009)
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.

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)

Brand Name:	NTT docomo
Model Name or Number:	P-06B
IMEI Number:	358864030023375 *(radiated sample)* 358864030023573 *(conducted sample)*
Hardware Version Number:	Rev C
Software Version Number:	B-D01SW1-01.04.001 D01SW1_Cv60.05.24.02
FCC ID Number:	UCE210028A

Description:	Battery
Brand Name:	NTT
Model Name or Number:	P22
Serial Number:	Not stated

Description:	AC Charger
Brand Name:	NTT docomo
Model Name or Number:	FOMA AC Adapter 01 for Global use / MAS-BH0008-A 002
Serial Number:	Not stated

Description:	DC Charger
Brand Name:	NTT docomo
Model Name or Number:	FOMA DC Adapter 02
Serial Number:	Not stated

Description:	Charge/USB Data cable
Brand Name:	NTT docomo
Model Name or Number:	FOMA USB Cable with Charge Function 02
Serial Number:	Not stated

Description:	Personal Hands-Free
Brand Name:	NTT docomo
Model Name or Number:	Stereo Earphone Set 01
Serial Number:	Not stated

Description:	Micro SD memory card
Brand Name:	Not stated
Model Name or Number:	Not stated
Serial Number:	Not stated

3.2. Description of EUT

The equipment under test was a dual mode UMTS/GSM cellular handset with *Bluetooth* and RFID.

3.3. Modifications Incorporated in the EUT

No modifications were applied to the EUT during testing.

3.4. Additional Information Related to Testing

Technology Tested:	UMTS		
Type of Radio Device:	Transceiver		
Mode:	UMTS FDD V and UMTS Release 5 HSDPA		
Modulation Type:	QPSK		
Channel Spacing:	5 MHz		
Power Supply Requirement(s):	Nominal	3.7 V	
	Minimum	3.4 V	
	Maximum	4.2 V	
Maximum Output Power (ERP):	Voice (RMC 12.2kbps)	19.9 dBm	
	HSDPA Set 1	19.9 dBm	
Transmit Frequency Range:	824 MHz to 849 MHz		
Transmit Channels Tested:	**Channel ID**	**Channel Number**	**Channel Frequency (MHz)**
	Bottom	4132	826.4
	Middle	4182	836.6
	Top	4233	846.6
Receive Frequency Range:	869 MHz to 894 MHz		
Receive Channels Tested:	**Channel ID**	**Channel Number**	**Channel Frequency (MHz)**
	Bottom	4357	871.4
	Middle	4407	881.6
	Top	4458	891.6

3.5. Support Equipment

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

Description:	Dummy battery
Brand Name:	Not Stated
Serial Number:	Not Stated

Description:	USB Hub
Brand Name:	Buffalo
Model Name or Number:	BSH3U01

4. Operation and Monitoring of the EUT during Testing

4.1. Operating Modes

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

- Receiver/Idle mode.
- Constantly transmitting at full power on bottom, middle and top channels as required.
- Occupied bandwidth, ERP and band edge tests were performed with the EUT in Voice (RMC/12.2 kbps) or HSDPA (Sets 1 to 4) modes.
- Transmitter radiated spurious emissions were checked in all modes during pre-scans. Voice (RMC/12.2 kbps) was found to be the worst case and all final measurements were performed with the EUT in this mode.

4.2. Configuration and Peripherals

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

- Connected to Rohde & Schwarz CMU 200 Universal Radio Communications Tester, operating in UMTS Band V mode.
- Idle mode and transmitter mode radiated spurious emissions tests were performed with the personal hands free connected to the EUT as this was found to be the worst case during pre-scans. All accessories were individually connected and measurements made during pre-scans to determine the worst case combination.
- Conducted power measurements were performed with the EUT connected directly to a calibrated Rohde & Schwarz CMU 200. Peak and average power displayed by the CMU 200 was recorded.

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(a)
Test Method Used:	As detailed in ANSI C63.4 Section 7 and relevant annexes

Environmental Conditions:

Temperature (°C):	23
Relative Humidity (%):	21

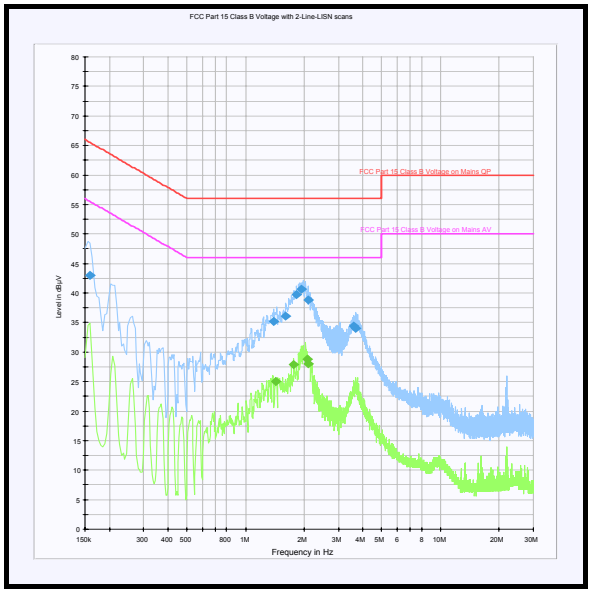
Results: Quasi Peak Detector Measurements

Frequency (MHz)	Line	Quasi Peak Level (dBμV)	Limit (dBμV)	Margin (dB)	Result
0.159000	Live	43.0	65.5	22.5	Complied
1.392000	Live	35.1	56.0	20.9	Complied
1.612500	Neutral	36.1	56.0	19.9	Complied
1.828500	Neutral	39.7	56.0	16.3	Complied
1.936500	Live	40.6	56.0	15.4	Complied
2.098500	Live	38.8	56.0	17.2	Complied
3.601500	Live	34.4	56.0	21.6	Complied
3.664500	Live	34.0	56.0	22.0	Complied

Results: Average Detector Measurements

Frequency (MHz)	Line	Average Level (dBμV)	Limit (dBμV)	Margin (dB)	Result
1.423500	Live	25.1	46.0	20.9	Complied
1.770000	Neutral	27.9	46.0	18.1	Complied
2.080500	Live	28.8	46.0	17.2	Complied
2.094000	Live	28.0	46.0	18.0	Complied

Receiver/Idle Mode AC Conducted Spurious Emissions (continued)



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

5.2.2. Receiver/Idle Mode Radiated Spurious Emissions

Test Summary:

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

Environmental Conditions:

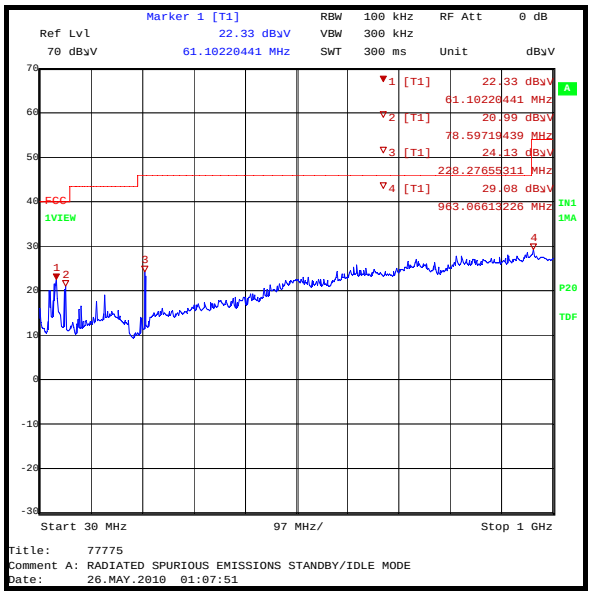
Temperature (°C):	30
Relative Humidity (%):	20

Results:

Frequency (MHz)	Antenna Polarity	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Result
62.128	Vertical	25.8	40.0	14.2	Complied
80.030	Vertical	24.5	40.0	15.5	Complied
228.276	Vertical	27.7	46.0	18.3	Complied

Note(s):

1. The final measured value, for the given emission, in the table above incorporates the calibrated antenna factor and cable loss.



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

Receiver/Idle Mode Radiated Spurious Emissions (continued)

Test Summary:

FCC Part:	15.109
Frequency Range:	1 GHz to 5 GHz
Test Method Used:	As detailed in ANSI C63.4 Section 8 and relevant annexes

Environmental Conditions:

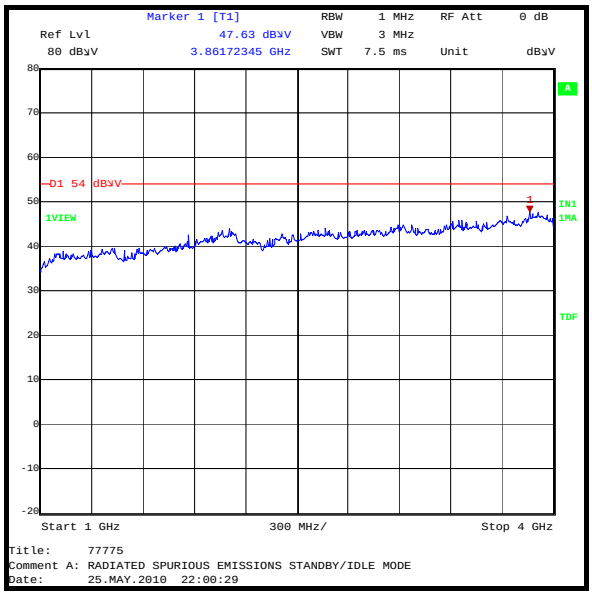
Temperature (°C):	30
Relative Humidity (%):	20

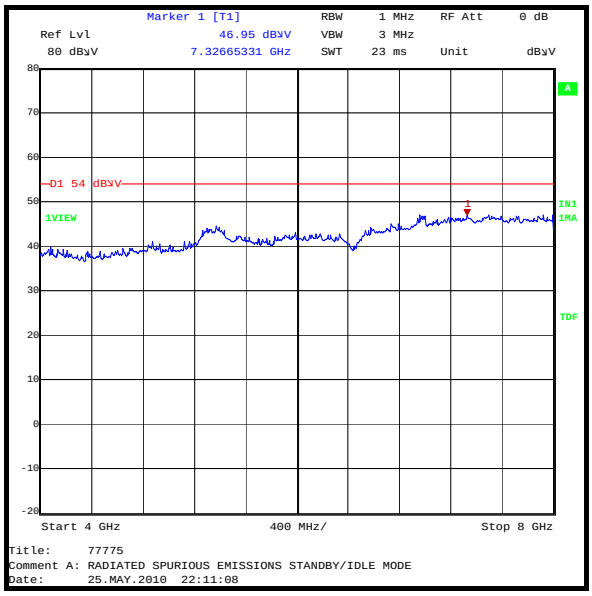
Results: Highest Peak Level

Frequency (GHz)	Antenna Polarity	Detector Level (dBµV/m)	Transducer Factor (dB)	Peak Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Result
3861.723	Vertical	42.5	5.1	47.6	54.0	6.4	Vertical

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. The final measured value, for the given emission, in the table above incorporates the calibrated antenna factor and cable loss.





5.2.3. Transmitter Effective Radiated Power (ERP)

Test Summary:

FCC Part:	22.913(a)
Test Method Used:	As detailed in ANSI TIA-603-C-2004 Section 2.2.17.2

Environmental Conditions:

Temperature (°C):	27
Relative Humidity (%):	21

Peak ERP Results:

Modes		**HSDPA**				**Voice**			
Sub-test		**1**	**2**	**3**	**4**	**RMC 12.2kbps**			
Band	**Channel**	**Power (dBm)**	**Power (dBm)**	**Power (dBm)**	**Power (dBm)**	**Power (dBm)**	**Limit (dBm)**	**Margin**	**Result**
850	4132	19.5	18.7	18.6	18.7	19.4	38.0	18.5	Complied
	4183	19.6	18.8	18.8	18.8	19.6	38.0	18.4	Complied
	4233	19.9	19.2	19.2	19.1	19.9	38.0	18.1	Complied
ßc		**2**	**12**	**15**	**15**				
ßd		**15**	**15**	**8**	**4**				
ΔACK, ΔNACK, ΔCQI		8	8	8	8				

RMS ERP Results:

Modes		**HSDPA**				**Voice**			
Sub-test		**1**	**2**	**3**	**4**	**RMC 12.2kbps**			
Band	**Channel**	**Power (dBm)**	**Power (dBm)**	**Power (dBm)**	**Power (dBm)**	**Power (dBm)**	**Limit (dBm)**	**Margin**	**Result**
850	4132	16.6	14.1	13.4	13.4	16.6	38.0	21.4	Complied
	4183	16.7	14.2	13.6	13.6	16.7	38.0	21.3	Complied
	4233	16.8	14.3	13.7	13.7	16.9	38.0	21.1	Complied
ßc		**2**	**12**	**15**	**15**				
ßd		**15**	**15**	**8**	**4**				
ΔACK, ΔNACK, ΔCQI		8	8	8	8				

Note(s):

1. All modes were compared on each channel and the highest power recorded was subtracted from the limit to show the margin.

Transmitter Effective Radiated Power (ERP) (continued)

Conducted Peak Power Measurement:

Modes		HSDPA				WCDMA
Sub-test		1	2	3	4	Voice / RMC12.2kbps
Band	Channel	Power (dBm) Peak.	Power (dBm) Peak.	Power (dBm) Peak.	Power (dBm) Peak.	Power (dBm) Peak.
850	4132	25.5	24.7	24.6	24.7	25.4
	4183	25.6	24.8	24.8	24.8	25.6
	4233	25.4	24.7	24.6	24.6	25.4
ßc		**2**	**12**	**15**	**15**	
ßd		**15**	**15**	**8**	**4**	
ΔACK, ΔNACK, ΔCQI		**8**	**8**	**8**	**8**	

Conducted Average Power Measurement:

Modes		HSDPA				WCDMA
Sub-test		1	2	3	4	Voice / RMC12.2kbps
Band	Channel	Power (dBm) Avg.	Power (dBm) Avg.	Power (dBm) Avg.	Power (dBm) Avg.	Power (dBm) Avg.
850	4132	23.1	20.6	19.9	19.9	23.1
	4183	23.2	20.7	20.1	20.1	23.2
	4233	23.0	20.5	19.9	19.9	23.1
ßc		**2**	**12**	**15**	**15**	
ßd		**15**	**15**	**8**	**4**	
ΔACK, ΔNACK, ΔCQI		**8**	**8**	**8**	**8**	

Sub-test Setup for Release 5 HSDPA

Sub-test	β_c	β_d	B_d *(SF)*	β_c/β_d	β_{hs} (1)	SM (dB) (2)
1	2/15	15/15	64	2/15	4/15	0.0
2	12/15 (3)	15/15 (3)	64	12/15 (3)	24/15	1.0
3	15/15	8/15	64	15/8	30/15	1.5
4	15/15	4/15	64	15/4	30/15	1.5

Note 1: Δ_{ACK}, Δ_{NACK} and $\Delta_{CQI} = 8 \Leftrightarrow A_{hs} = \beta_{hs}/\beta_c = 30/15 \Leftrightarrow \beta_{hs} = 30/15 * \beta_c$

Note 2: CM = 1 for $\beta_c/\beta_d = 12/15$, $B_{hs}/\beta_c = 24/15$

Note 3: For subtest 2 the β_c/β_d ratio of 12/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signalled gain factors for the reference TFC (TF1, TF1) to $\beta_c = 11/15$ and $\beta_d = 15/15$

5.2.4. Transmitter Frequency Stability (Temperature Variation)

Test Summary:

FCC Part:	22.355
Test Method Used:	As detailed in ANSI TIA-603-C-2004 Section 2.2.2 referencing FCC CFR Part 2.1055

Environmental Conditions:

Ambient Temperature (°C):	25
Ambient Relative Humidity (%):	31

Results: Middle Channel (836.6 MHz)

Temperature (°C)	Measured Frequency (MHz)	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)	Margin (ppm)	Result
-30	836.600038	38	0.05	2.5	2.45	Complied
-20	836.599964	36	0.04	2.5	2.46	Complied
-10	836.599963	37	0.04	2.5	2.46	Complied
0	836.600036	36	0.04	2.5	2.46	Complied
10	836.600036	36	0.04	2.5	2.46	Complied
20	836.599964	36	0.05	2.5	2.46	Complied
30	836.599964	36	0.04	2.5	2.46	Complied
40	836.599964	36	0.04	2.5	2.46	Complied
50	836.600032	32	0.04	2.5	2.46	Complied

5.2.5. Transmitter Frequency Stability (Voltage Variation)

Test Summary:

FCC Part:	22.355
Test Method Used:	ANSI/TIA-603-C-2004 Section 2

Environmental Conditions:

Temperature (°C):	25
Relative Humidity (%):	31

Results: Middle Channel (836.6 MHz)

Supply Voltage (V)	Measured Frequency (MHz)	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)	Margin (ppm)	Result
3.4	836.599979	21	0.03	2.5	2.47	Complied
4.2	836.600017	17	0.02	2.5	2.48	Complied

5.2.6. Transmitter Occupied Bandwidth

Test Summary:

FCC Part:	2.1049
Test Method Used:	As detailed in ANSI C63.4 Section 13.7 and relevant annexes referencing FCC CFR Part 2.1049

Environmental Conditions:

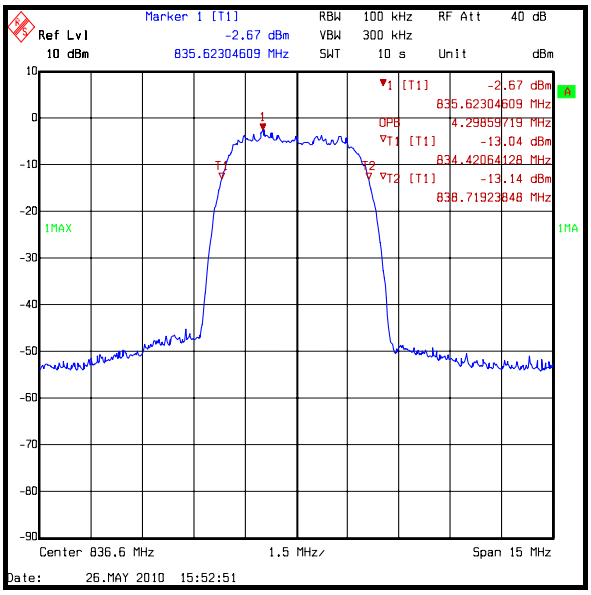
Temperature (°C):	25
Relative Humidity (%):	29

Results: RMC/Voice

Channel	Frequency (MHz)	Occupied Bandwidth (kHz)
Centre	836.6	4298.597

Note(s):

1. In lieu of the test method detailed in ANSI C63.4 Section 13.7, the 99% occupied bandwidth was measured using the Occupied Bandwidth function of the spectrum analyser.



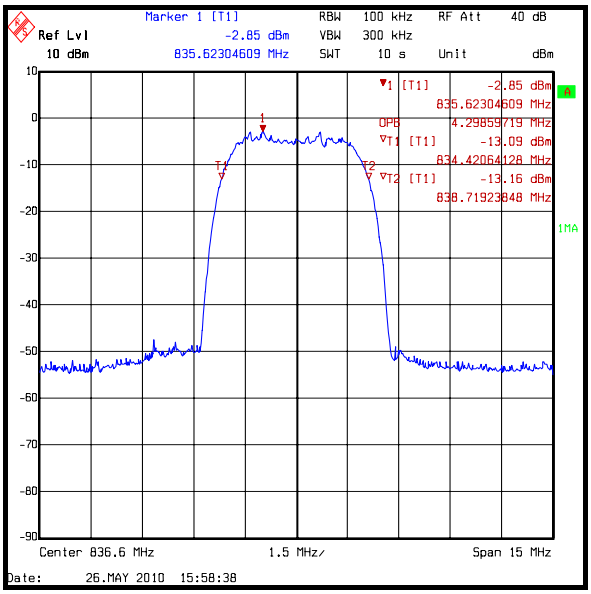
Transmitter Occupied Bandwidth (continued)

Results: HSDPA Sub-test 1

Channel	Frequency (MHz)	Occupied Bandwidth (kHz)
Centre	836.6	4298.597

Note(s):

1. In lieu of the test method detailed in ANSI C63.4 Section 13.7, the 99% occupied bandwidth was measured using the Occupied Bandwidth function of the spectrum analyser.



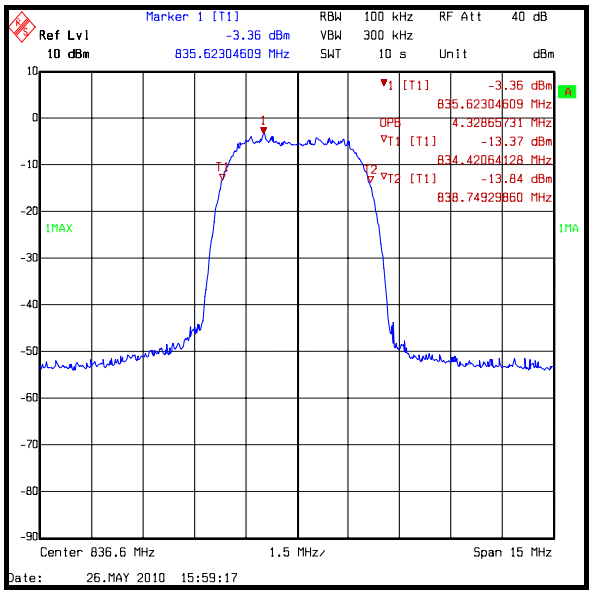
Transmitter Occupied Bandwidth (continued)

Results: HSDPA Sub-test 2

Channel	Frequency (MHz)	Occupied Bandwidth (kHz)
Centre	836.6	4328.657

Note(s):

1. In lieu of the test method detailed in ANSI C63.4 Section 13.7, the 99% occupied bandwidth was measured using the Occupied Bandwidth function of the spectrum analyser.



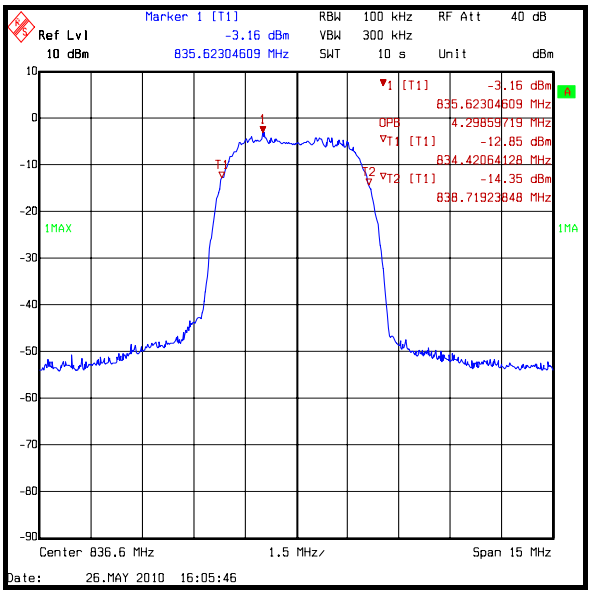
Transmitter Occupied Bandwidth (continued)

Results: HSDPA Sub-test 3

Channel	Frequency (MHz)	Occupied Bandwidth (kHz)
Centre	836.6	4298.597

Note(s):

1. In lieu of the test method detailed in ANSI C63.4 Section 13.7, the 99% occupied bandwidth was measured using the Occupied Bandwidth function of the spectrum analyser.



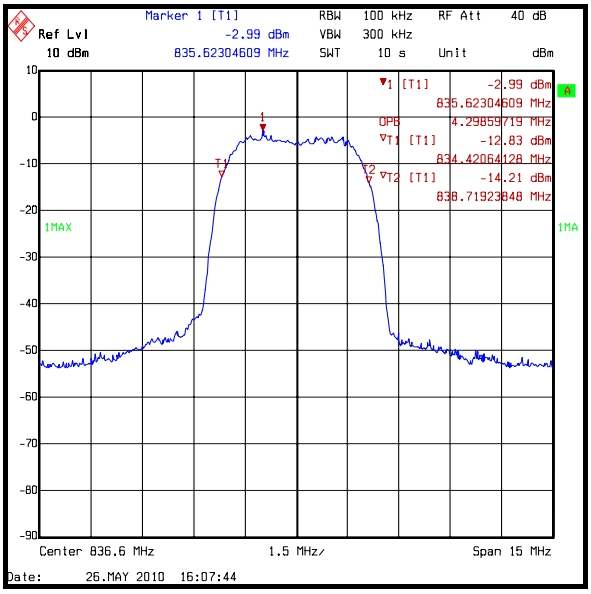
Transmitter Occupied Bandwidth (continued)

Results: HSDPA Sub-test 4

Channel	Frequency (MHz)	Occupied Bandwidth (kHz)
Centre	836.6	4298.597

Note(s):

1. In lieu of the test method detailed in ANSI C63.4 Section 13.7, the 99% occupied bandwidth was measured using the Occupied Bandwidth function of the spectrum analyser.



5.2.7. Transmitter Out of Band Radiated Emissions

Test Summary:

FCC Part:	2.1053 & 22.917
Frequency Range:	30 MHz to 10 GHz
Test Method Used:	As detailed in ANSI TIA-603-C-2004 Section 2.2.12 referencing FCC CFR Part 2.1053
Configuration:	Voice / RMC 12.2 kbps

Environmental Conditions:

Temperature (°C):	30
Relative Humidity (%):	21

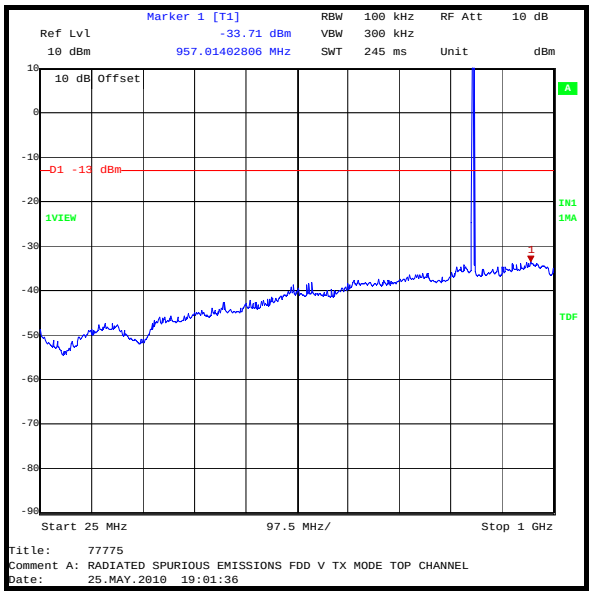
Results:

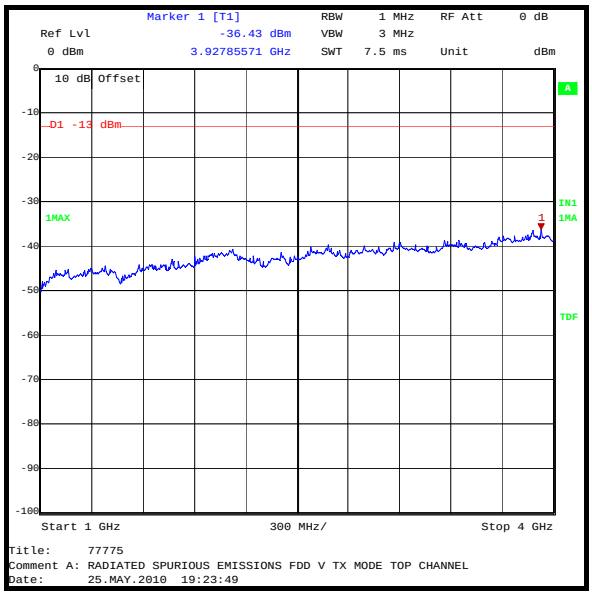
Frequency (MHz)	Peak Emission Level (dBm)	Limit (dBm)	Margin (dBm)	Result
957.014	-33.7	-13.0	20.7	Complied

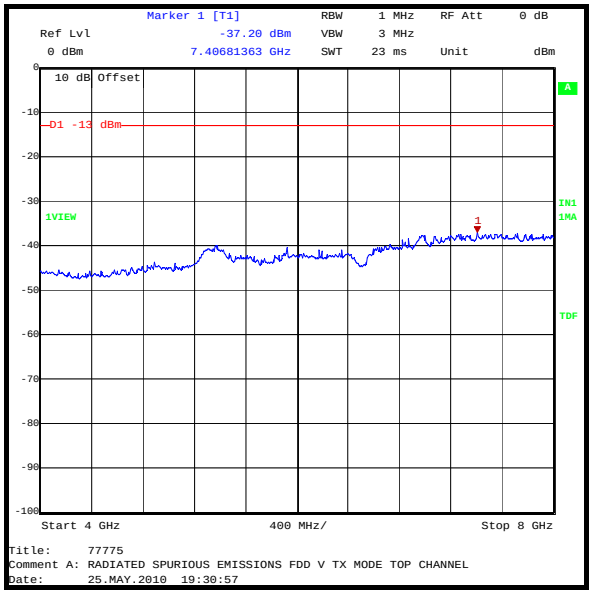
Note(s):

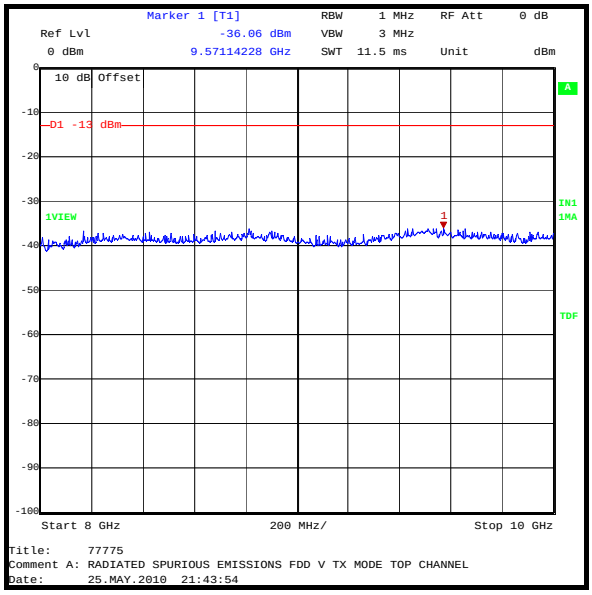
1. No spurious emissions were detected above the noise floor of the measuring receiver; the highest peak noise floor reading of the measuring receiver was recorded.
2. The uplink and downlink traffic channels are shown on the 30 MHz to 1 GHz plot

Transmitter Out of Band Radiated Emissions (continued)









5.2.8. Transmitter Radiated Emissions at Band Edges

Test Summary:

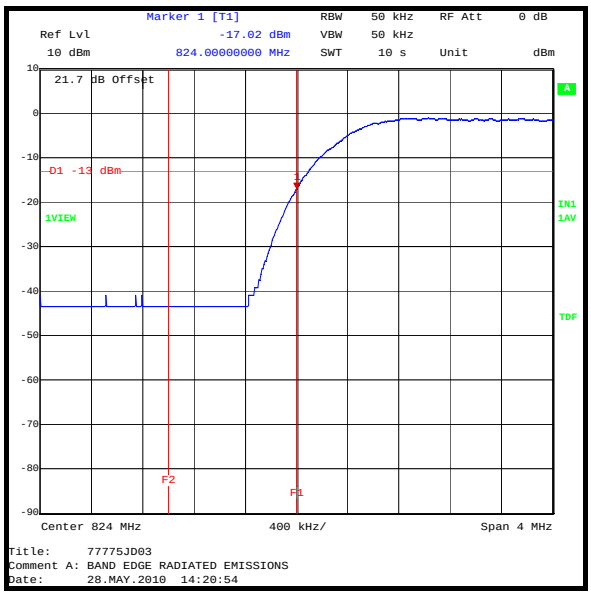
FCC Part:	2.1053 & 22.917
Test Method Used:	As detailed in ANSI C63.4 Section 8 and relevant annexes

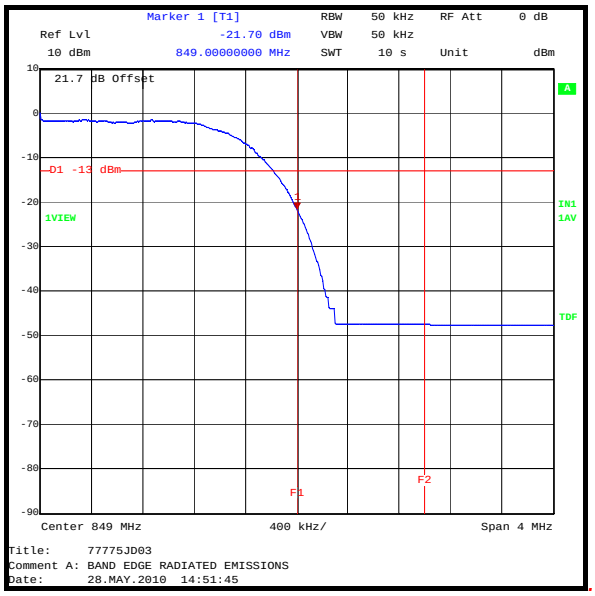
Environmental Conditions:

Temperature (°C):	28
Relative Humidity (%):	20

Results: Voice / RMC 12.2 kbps

Frequency (MHz)	Peak Emission Level (dBm)	Limit (dBm)	Margin (dBm)	Result
824	-17.0	-13.0	4.0	Complied
849	-21.7	-13.0	8.7	Complied

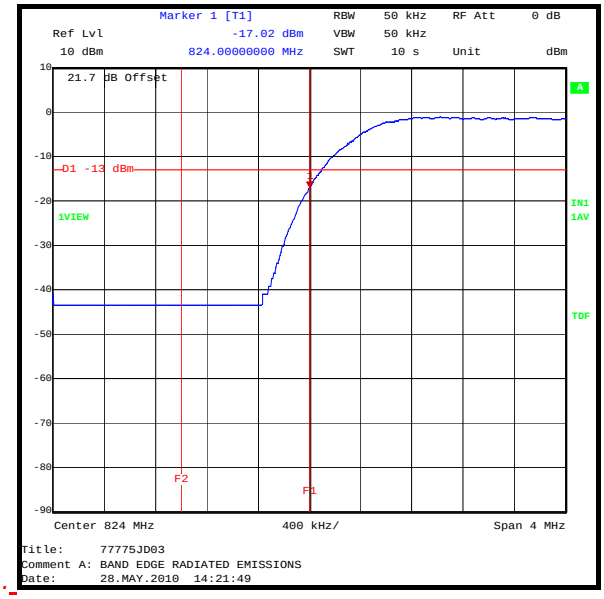


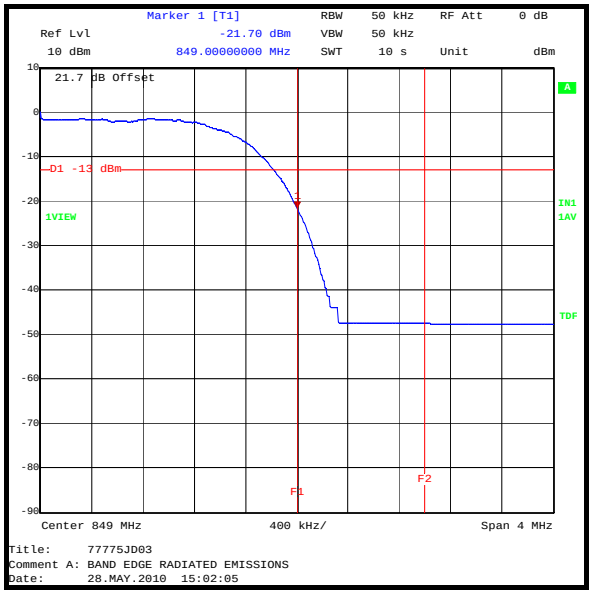


Transmitter Radiated Emissions at Band Edges (continued)

Results: HSDPA Sub-test 1

Frequency (MHz)	Peak Emission Level (dBm)	Limit (dBm)	Margin (dBm)	Result
824	-17.8	-13.0	4.8	Complied
849	-21.7	-13.0	8.7	Complied

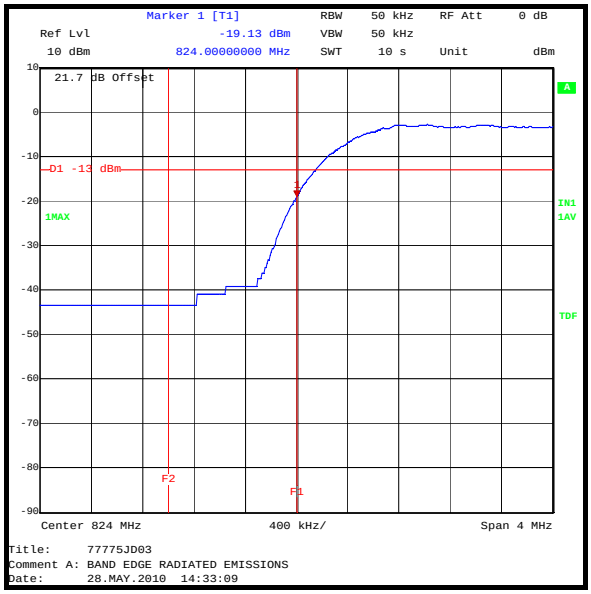


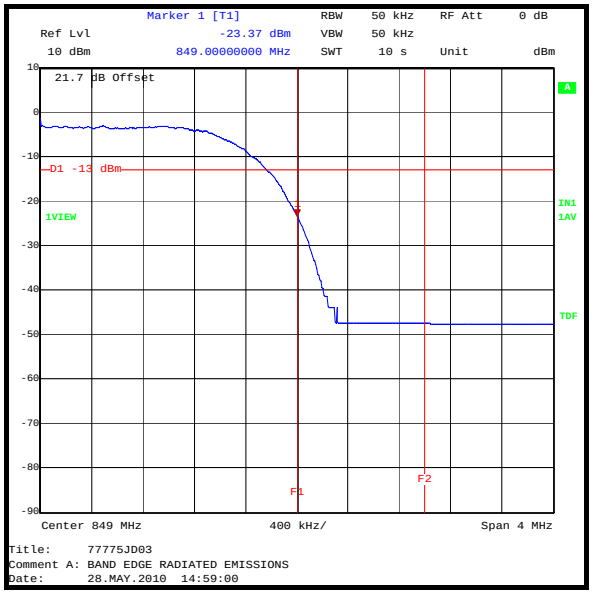


Transmitter Radiated Emissions at Band Edges (continued)

Results: HSDPA Sub-test 2

Frequency (MHz)	Peak Emission Level (dBm)	Limit (dBm)	Margin (dBm)	Result
824	-19.1	-13.0	6.1	Complied
849	-23.4	-13.0	10.4	Complied

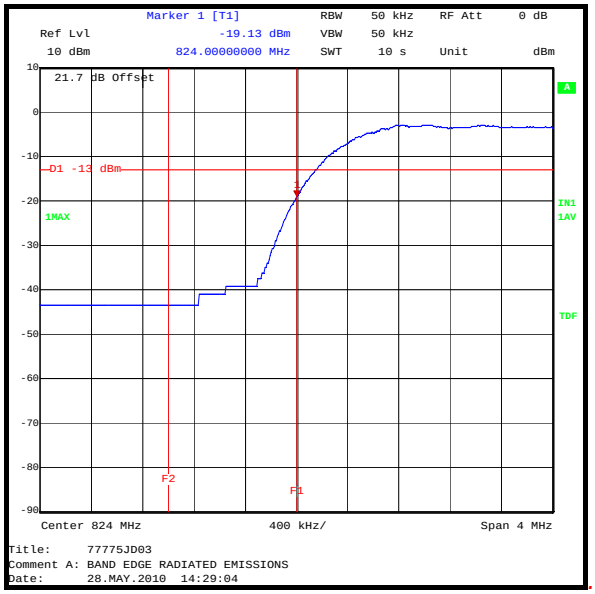


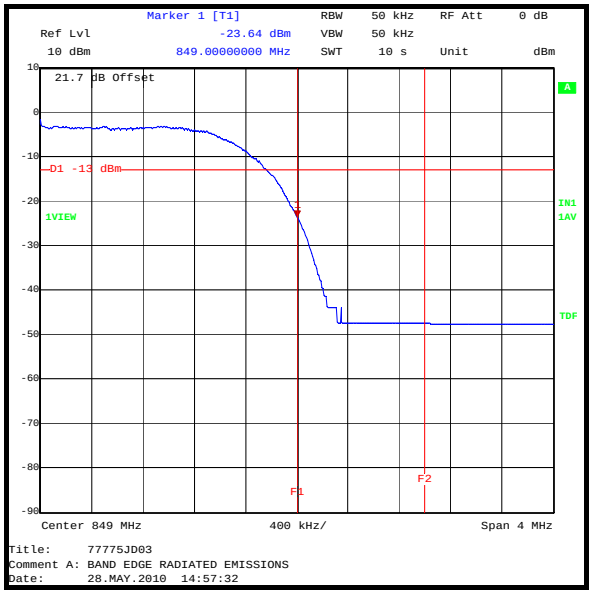


Transmitter Radiated Emissions at Band Edges (continued)

Results: HSDPA Sub-test 3

Frequency (MHz)	Peak Emission Level (dBm)	Limit (dBm)	Margin (dBm)	Result
824	-19.1	-13.0	6.1	Complied
849	-23.6	-13.0	10.6	Complied

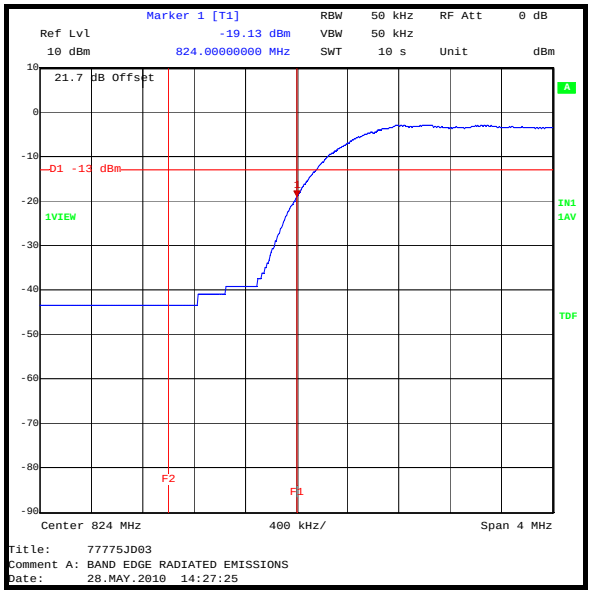


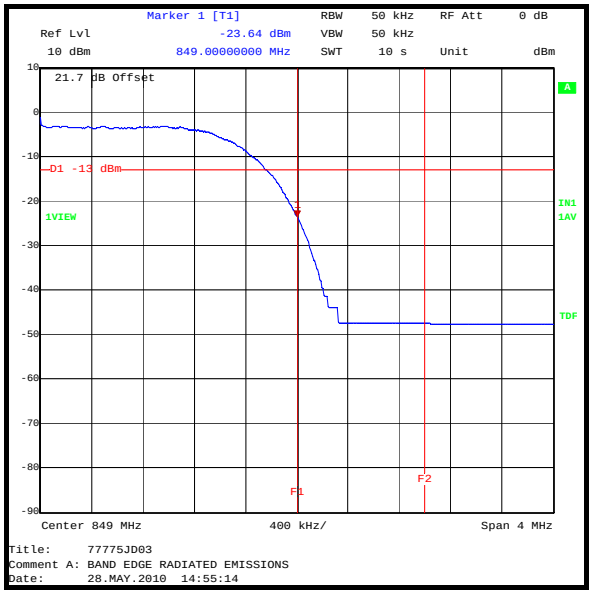


Transmitter Radiated Emissions at Band Edges (continued)

Results: HSDPA Sub-test 4

Frequency (MHz)	Peak Emission Level (dBm)	Limit (dBm)	Margin (dBm)	Result
824	-19.1	-13.0	6.1	Complied
849	-23.6	-13.0	10.6	Complied





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%	±3.25 dB
Effective Radiated Power (ERP)	Not applicable	95%	±2.94 dB
Frequency Stability	Not applicable	95%	±0.92 ppm
Occupied Bandwidth	Not applicable	95%	±0.92 ppm
Radiated Spurious Emissions	30 MHz to 10 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 Calibration Due	Cal. Interval (Months)
A1069	LISN	Rohde & Schwarz	ESH3-Z5	837469/012	13 Apr 2011	12
A1428	Directional Coupler	Narda	3292-1	02439	Calibrated before use	-
A1534	Pre Amplifier	Hewlett Packard	8449B OPT H02	3008A00405	Calibrated before use	-
A1818	Antenna	EMCO	3115	00075692	27 Nov 2010	12
A1830	Pulse Limiter	Rhode & Schwarz	ESH3-Z2	100668	01 Mar 2011	12
A1974	High Pass Filter	AtlanTecRF	AFH-01000	090000283	Calibrated before use	-
A1975	High Pass Filter	AtlanTecRF	AFH-03000	090424010	Calibrated before use	-
A244	Attenuator	Schaffner	6820-17-B	None	Calibrated before use	-
A288	Antenna	Chase	CBL6111 A	1589	16 Mar 2011	12
K0002	3m RSE Chamber	Rainford EMC	N/A	N/A	01 Sep 2010	12
L1005	Comms Test Set	Rhode & Schwarz	CMU200	116284	23 Mar 2011	12
M1068	Thermometer	Iso-Tech	RS55	93102884	01 Oct 2010	12
M1124	Spectrum Analyser	Rohde & Schwarz	ESI26	100046K	22 Apr 2011	12
M122	Digital Voltmeter	Fluke	77	64910017	23 Jun 2010	12
M1223	Environmental Chamber	Votsch	VT4002	585660727200 10	Calibrated before use	-
M1242	Spectrum Analyser	Rohde & Schwarz, Inc.	FSEM30	845986/022	18 Mar 2011	12
M127	Spectrum Analyser	Rohde & Schwarz	FSEB 30	842 659/016	10 Jul 2010	12
M1273	Test Receiver	Rhode & Schwarz	ESIB 26	100275	08 Apr 2011	12
S0520	DC Power Supply Unit	GW instek	GPC-3030	E835141	Calibrated before use	-

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