			
	Test No: T4135	Test Data	



**dB Technology**

|----- ( Cambridge Ltd. ) -----|

EMC  
Testing

EMC  
Consultancy

EMC  
Training

23, Headington Drive,  
Cambridge.  
CB1 9HE  
Tel : 01954 251974 (test site)  
or : 01223 241140 (accounts)  
Fax : 01954 251907  
web : www.dbtechnology.co.uk  
email: mail@dbtechnology.co.uk

## ELECTROMAGNETIC COMPATIBILITY TEST SUMMARY


Tests performed at:

Twentypence Road,  
Cottenham,  
Cambridge  
U.K.  
CB24 8PS

This is not a formal report that has been fully vetted by a senior engineer. The data within this document acts only as a summary of testing performed to date and may not be complete. It may not contain sufficient information to verify full compliance with the standards noted overleaf. It is likely that the results included within this document cover only in part the requirements of the standards listed. The results may be investigative in nature and therefore will note failures as well as compliance.

Please note that there is no reference to EUT configuration provided by this summary unless individually noted under specific tests.

dB Technology can only report on the specific unit(s) tested at its site. The responsibility for extrapolating this data to a product line lies solely with the manufacturer.

			
	Test No: T4135	Test Data	

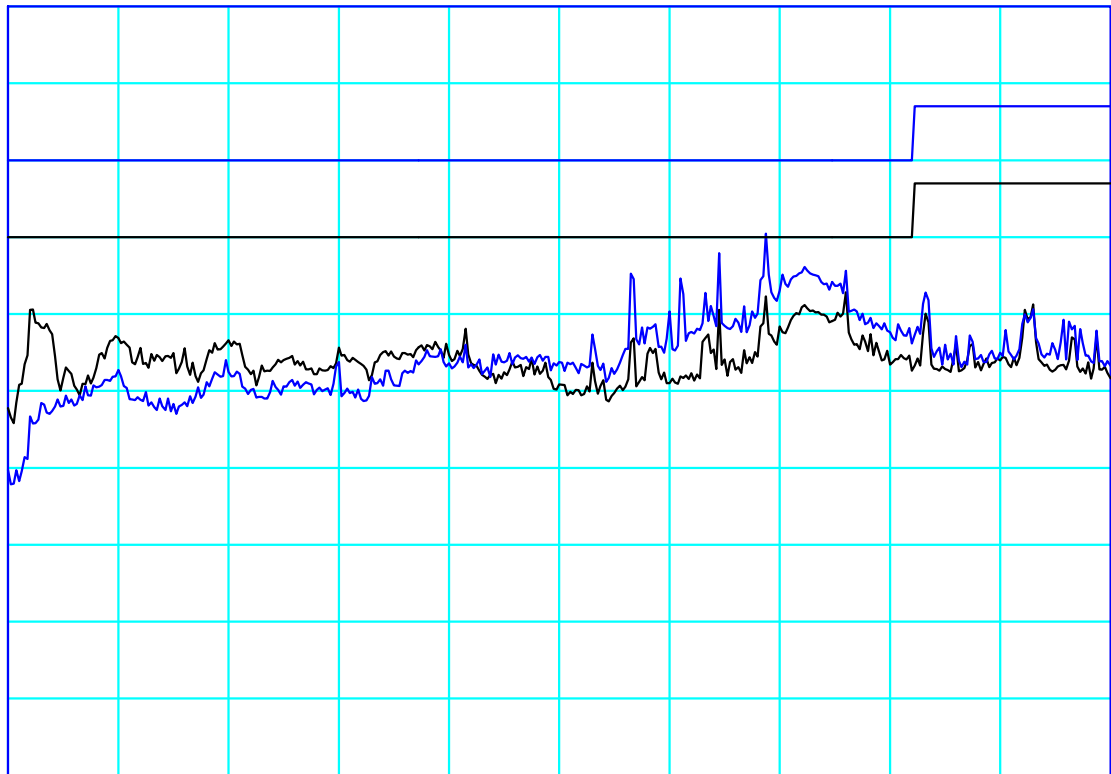
Ref 70 dBuV/m

Atten 5 dB

Log  
10  
dB/

V1 V2  
S3

PA



Start 25MHz

Stop 275MHz

RBW 120 kHz


VBW 300 kHz

Sweep 39.97mS (401 pts)

CF1:A15\_100811 CF2:CBL002\_CBL069\_100809

### PLOT 1 Radiated Emissions

Company:	Arm	Product:	Mbed-010.2
Date:	10/11/2011	Test Eng:	Dave Smith
Method:	CISPR22	Method:	
Limit1:(BLK)	EN55022(B)@3m	Limit2:(BLU)	EN55022(A)@3m
Limit3:		Limit4:	
Black: Vertical Blue: Horizontal  Connected to IBM Think PAD laptop via USB. Running test program to communicate with PC via USB.			
Facility:	Anech_1	Height	1m
Distance	3m	Polarisation	V+H
Angle	0-360	File:	H1A10795
		Mode:	1
		Modification State:	0

			
	Test No: T4135	Test Data	

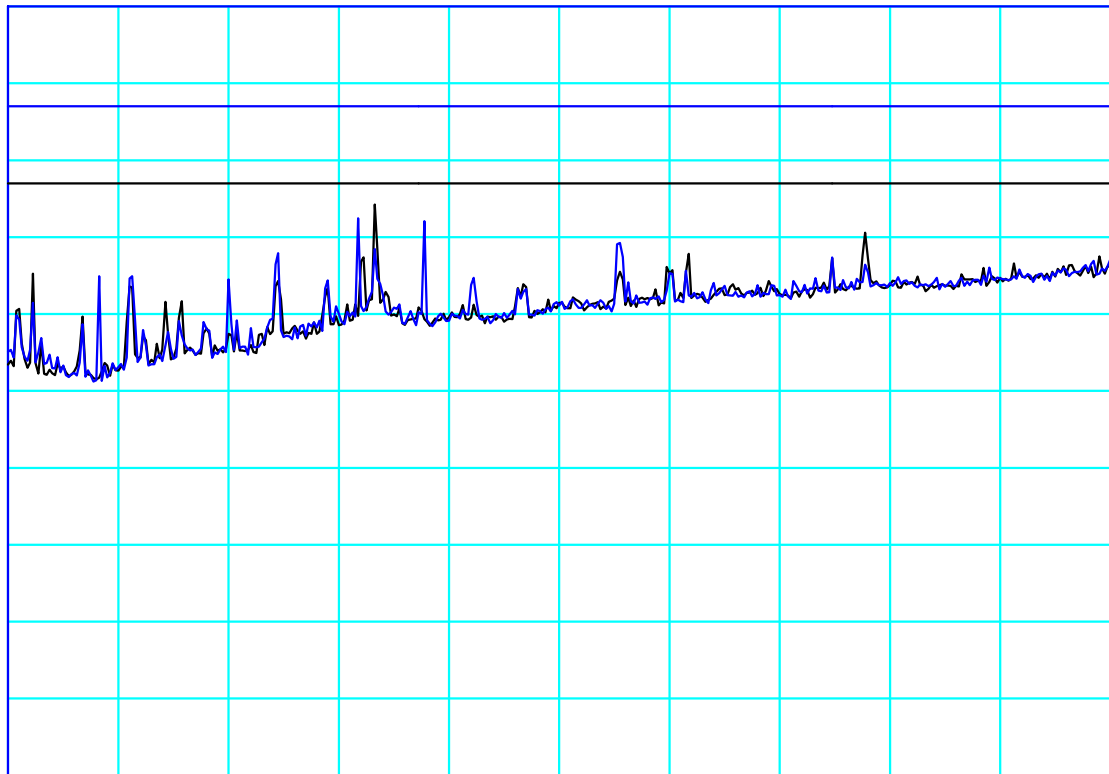
Ref 70 dBuV/m

Atten 5 dB

Log  
10  
dB/

V1 V2  
S3

PA



Start 250MHz

Stop 1000MHz

RBW 120 kHz

VBW 300 kHz

Sweep 119.9mS (401 pts)

CF1:A15\_100811 CF2:CBL002\_CBL069\_100809


## PLOT 2 Radiated Emissions

Company:	Arm	Product:	Mbed-010.2
Date:	10/11/2011	Test Eng:	Dave Smith
Method:	CISPR22	Method:	
Limit1:(BLK)	EN55022(B)@3m	Limit2:(BLU)	EN55022(A)@3m
Limit3:		Limit4:	

Black: Vertical  
Blue: Horizontal

Connected to IBM Think PAD laptop via USB. Running test program to communicate with PC via USB.

Facility:	Anech_1	Height	1m	Mode:	1
Distance	3m	Polarisation	V+H	Modification State:	0
Angle	0-360	File:	H1A107A6		

			
	Test No: T4135	Test Data	

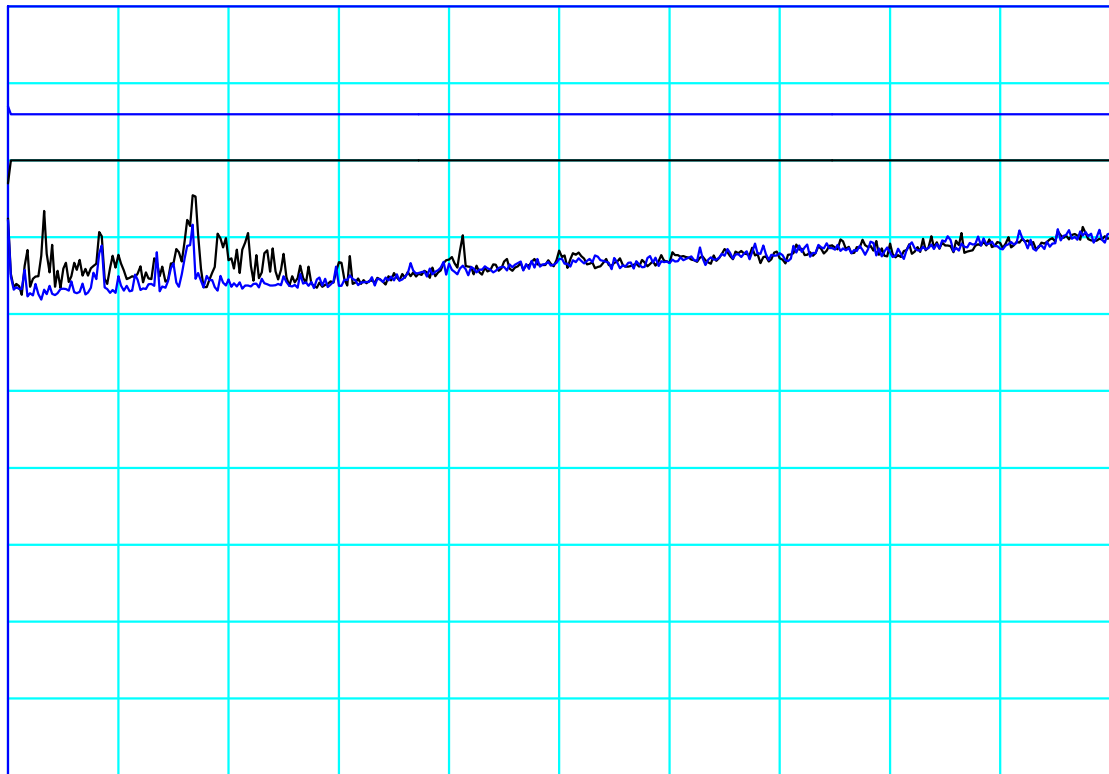
Ref 70 dBuV/m

Atten 5 dB

Log  
10  
dB/

V1 V2  
S3

PA



Start 1000MHz

Stop 3GHz

RBW 1 MHz

VBW 3 MHz

Sweep 5.242mS (401 pts)

CF1:A8\_3m\_100806 CF2:CBL002\_CBL069\_100809 CF3:PRE7\_110112

### PLOT 3 Radiated Emissions

Company:	Arm	Product:	Mbed-010.2
Date:	10/11/2011	Test Eng:	Dave Smith
Method:	CISPR22	Method:	
Limit1:(BLK)	EN55022(B)@3m	Limit2:(BLU)	EN55022(A)@3m
Limit3:		Limit4:	
Black: Vertical Blue: Horizontal  Connected to IBM Think PAD laptop via USB. Running test program to communicate with PC via USB.			
Facility:	Anech_1	Height	1m
Distance	3m	Polarisation	V+H
Angle	0-360	File:	H1A107C4
		Mode:	1
		Modification State:	0