

EMC Technologies Report Number: M040113_Cert_Tx

APPENDIX G – (Tx) Graphs Of EMI Measurement



EMC Technologies Pty. Ltd. - Global Product Certification

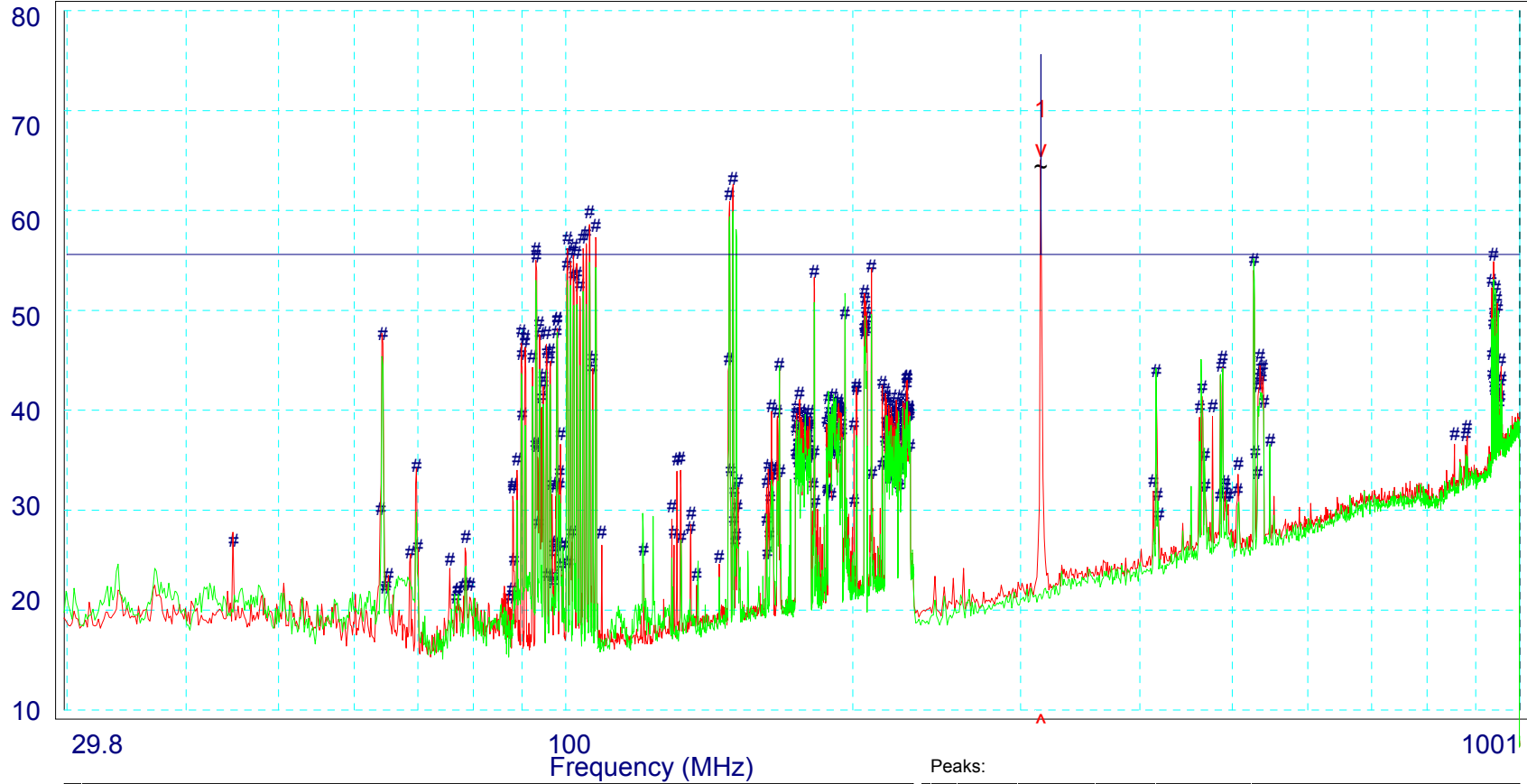
Radiated Emissions (dBuV/m)
= Ambient

Job No:m040113

r:\PCF\m040113t_1.PCF

Test Date: 20-01-04

GRAPH No. 1



Robert Bosch (Australia) Pty Ltd
Porsche - 315MHz Remote (3 button)

Radiated Emissions - Vertical Polarity

No	Freq (MHz)	Peak (dBuV/m)	Qp Val	FCC231a (dBuV/m)	dL1 (dB)
1	314.98	65.5	63.7	75.6	-11.9

Limits: FCC231a FCC PART 15.231(a) AVERAGE LIMITS FOR 315MHz AT 3mtrs

Legend:
— Vertical Ambients
— Vertical Emissions

Source:
m040113e 1 2 3 4 5 14 15 16
m040113e 30 31 32 33 34 17 18 19

Ver 5.5 Build 93
 radiated emissions site 2 lerderderg
 t:A1360704_10M c1:C1700804 c2:NONE p:NONE a:NONE
 Site ID: OATS2,Lerderderg Gorge Rd, Bacchus Marsh, VIC
 Test Officer:Jorge Lara

Melbourne- 57 Assembly Drv Tullamarine, 3043, Vic, Australia Ph+(613) 9335 3333 Fax+(613) 9338 9260
 Sydney----- 16,6 Gladstone Rd Castle Hill, 2154, NSW, Australia Ph+(612) 9899 4599 Fax+(612) 9899 4019

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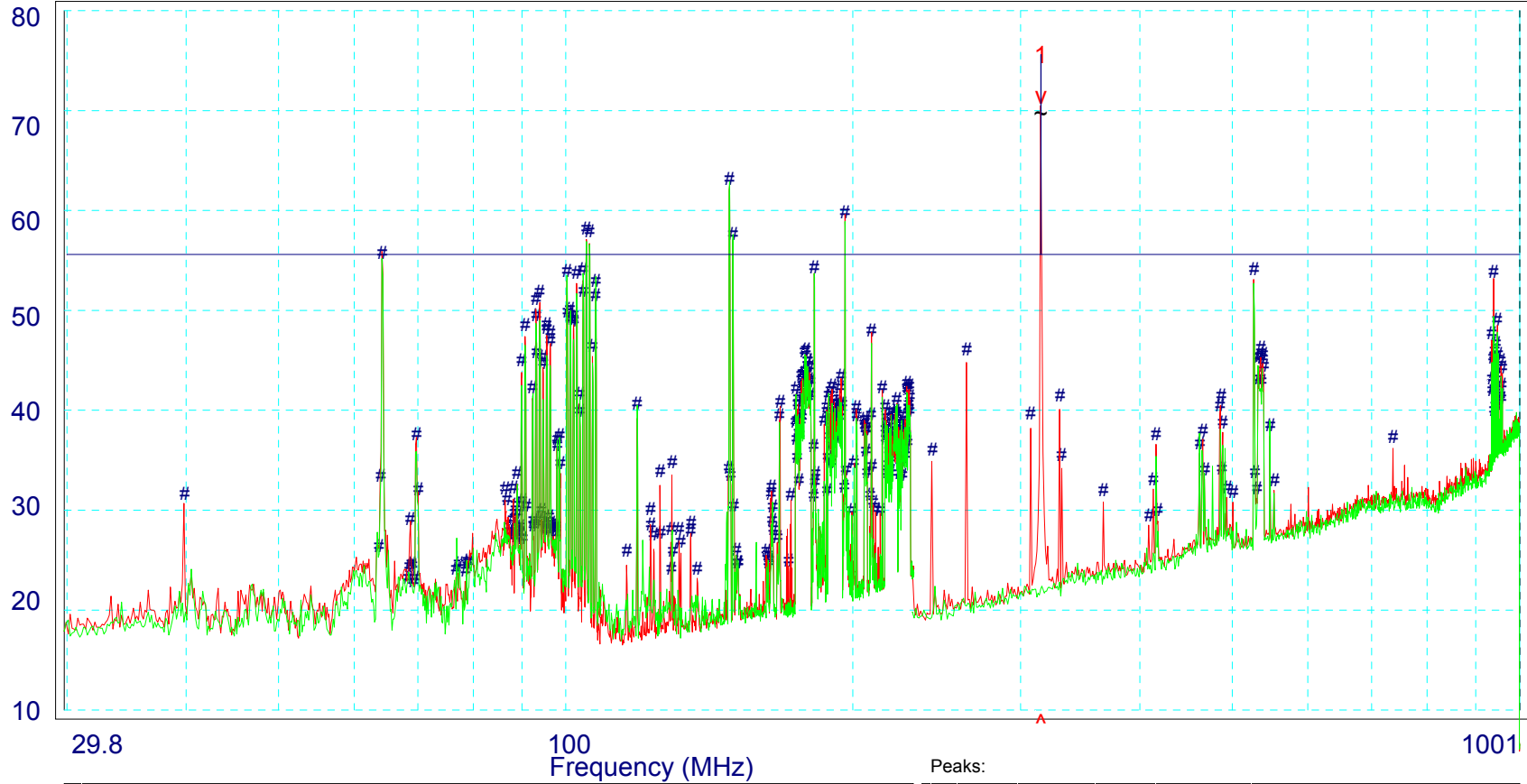
Radiated Emissions (dBuV/m)
= Ambient

Job No:m040113

r:\PCF\m040113t_2.PCF

Test Date: 20-01-04

GRAPH No. 2



Robert Bosch (Australia) Pty Ltd
Porsche - 315MHz Remote (3 button)

Radiated Emissions - Horizontal Polarity

No	Freq (MHz)	Peak (dBuV/m)	Qp Val	FCC231a (dBuV/m)	dL1 (dB)
1	314.96	70.9	69.0	75.6	-6.6

Limits: FCC231a FCC PART 15.231(a) AVERAGE LIMITS FOR 315MHz AT 3mtrs

Legend:
— Horizontal Ambients
— Horizontal Emissions

Ver 5.5 Build 93
 radiated emissions site 2 lerderberg
 t:A1360704_10M c1:C1700804 c2:NONE p:NONE a:NONE
 Site ID: OATS2,Lerderberg Gorge Rd, Bacchus Marsh, VIC
 Test Officer:Jorge Lara

Source:
m040113e 6 7 8 9 10 11 12 13
m040113e 25 26 27 28 29 22 23 24

Melbourne- 57 Assembly Drv Tullamarine, 3043, Vic, Australia Ph+(613) 9335 3333 Fax+(613) 9338 9260
 Sydney----- 16,6 Gladstone Rd Castle Hill, 2154, NSW, Australia Ph+(612) 9899 4599 Fax+(612) 9899 4019

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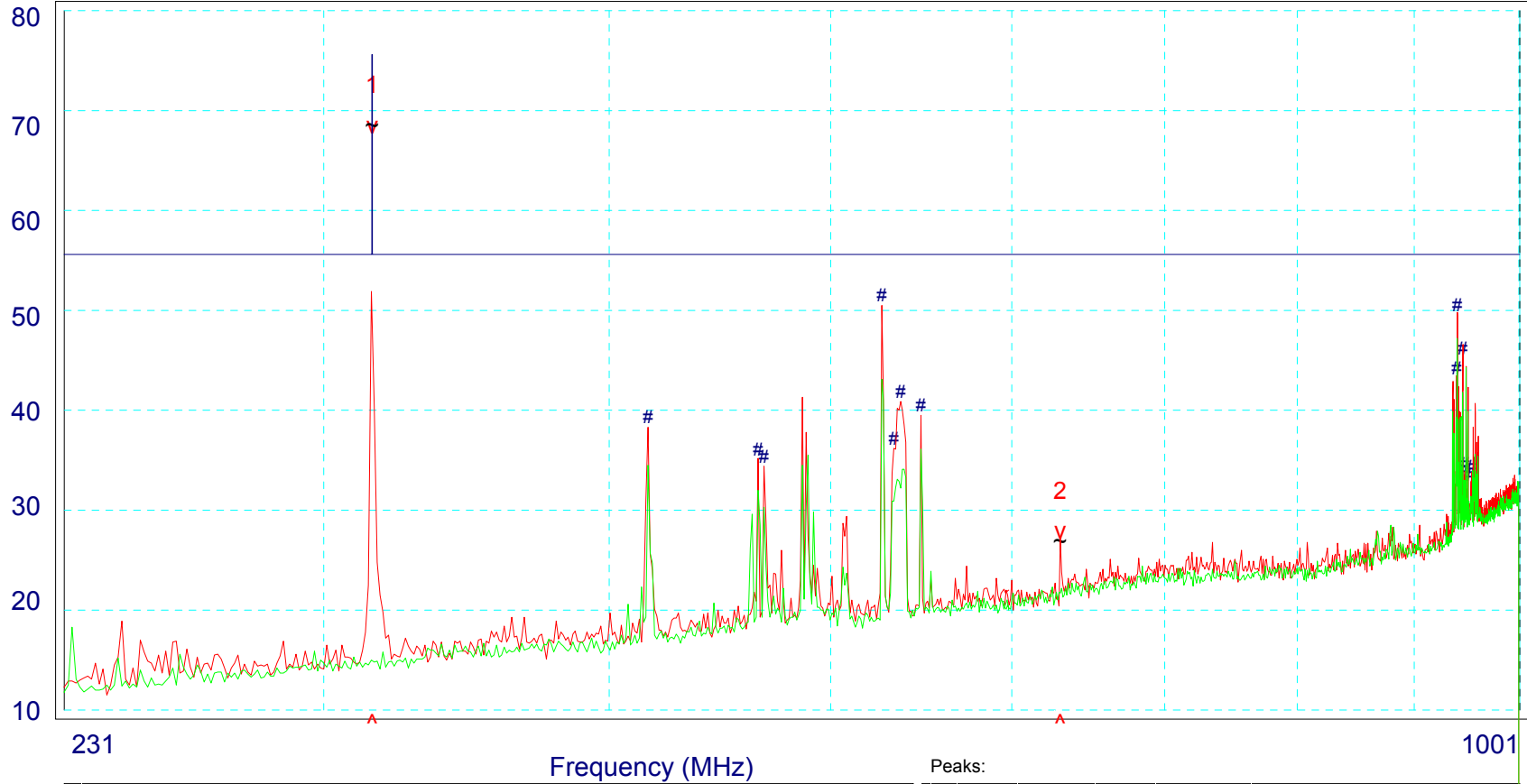
Radiated Emissions (dBuV/m)
= Ambient

Job No:m040113

r:\PCF\m040113t_3.PCF

Test Date: 20-01-04

GRAPH No. 3



Robert Bosch (Australia) Pty Ltd
Porsche - 315MHz Remote (2 button)

Radiated Emissions - Vertical Polarity

No	Freq (MHz)	Peak (dBuV/m)	Qp Val	FCC231a (dBuV/m)	dL1 (dB)
1	315.00	67.9	67.9	75.6	-7.7
2	630.00	27.3	26.2	55.6	-29.4

Limits: FCC231a FCC PART 15.231(a) AVERAGE LIMITS FOR 315MHz AT 3mtrs

Legend:
— Vertical Ambients
— Vertical Emissions

Source:
 m040113f 1 2 3
 m040113f 24 29 19

Ver 5.5 Build 93
 radiated emissions site 2 lerderberg
 t:A1360704_10M c1:C1700804 c2:NONE p:NONE a:NONE
 Site ID: OATS2,Lerderberg Gorge Rd, Bacchus Marsh, VIC
 Test Officer:Kevin Hansen

Melbourne- 57 Assembly Drv Tullamarine, 3043, Vic, Australia Ph+(613) 9335 3333 Fax+(613) 9338 9260
 Sydney----- 16,6 Gladstone Rd Castle Hill, 2154, NSW, Australia Ph+(612) 9899 4599 Fax+(612) 9899 4019

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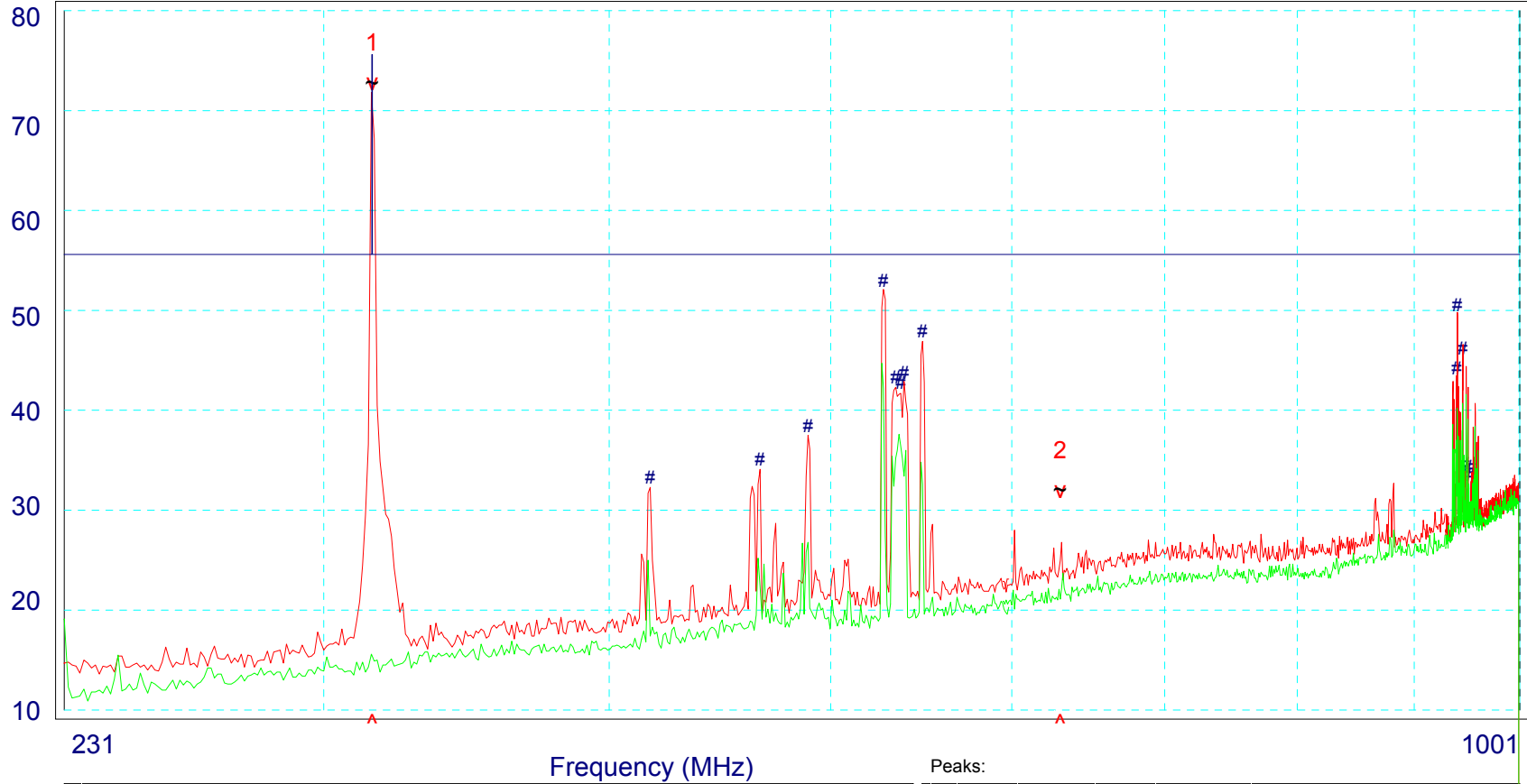
Radiated Emissions (dBuV/m)
= Ambient

Job No:m040113

r:\PCF\m040113t_4.PCF

Test Date: 20-01-04

GRAPH No. 4



Robert Bosch (Australia) Pty Ltd
Porsche - 315MHz Remote (2 button)

Radiated Emissions - Horizontal Polarity

No	Freq (MHz)	Peak (dBuV/m)	Qp Val	FCC231a (dBuV/m)	dL1 (dB)
1	315.00	72.2	72.1	75.6	-3.5
2	630.00	31.4	31.4	55.6	-24.3

Limits: FCC231a FCC PART 15.231(a) AVERAGE LIMITS FOR 315MHz AT 3mtrs

Legend:
— Horizontal Ambients
— Horizontal Emissions

Ver 5.5 Build 93
radiated emissions site 2 lerderg
t:A1360704_10M c1:C1700804 c2:NONE p:NONE a:NONE
Site ID: OATS2,Lerderg Gorge Rd, Bacchus Marsh, VIC
Test Officer:Kevin Hansen

Source:
m040113f 4 5 6
m040113f 17 21 19

Melbourne- 57 Assembly Drv Tullamarine, 3043, Vic, Australia Ph+(613) 9335 3333 Fax+(613) 9338 9260
 Sydney----- 16,6 Gladstone Rd Castle Hill, 2154, NSW, Australia Ph+(612) 9899 4599 Fax+(612) 9899 4019