

**APPENDIX F**  
**PLOTS OF EMI MEASUREMENT**

# EMC Technologies Pty. Ltd. - Global Product Certification

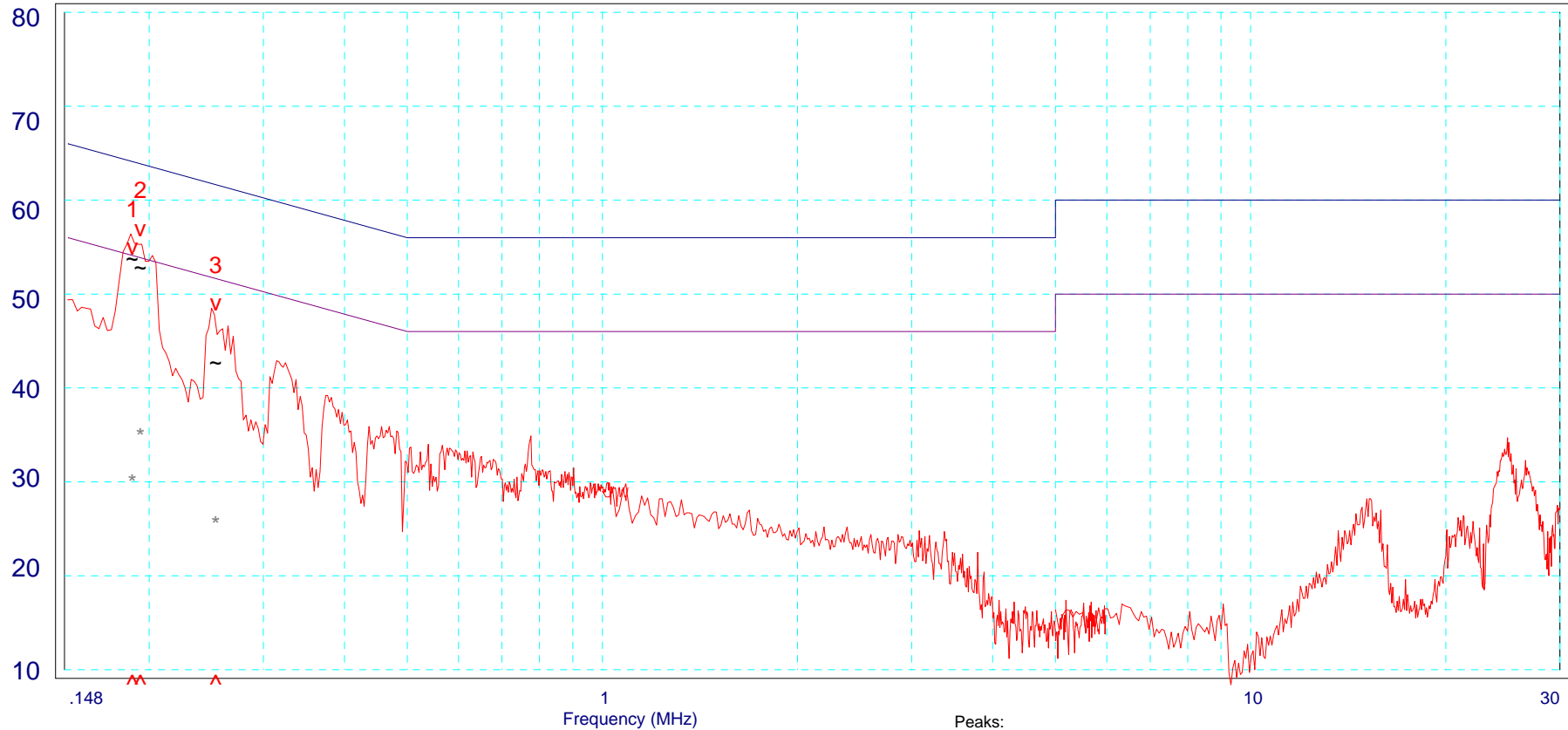
Conducted Emissions (dBuV)

Job No:m080822

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Test Date: 05/09/08

GRAPH No. 1



Peaks:

No	Freq (MHz)	Peak (dBuV)	QP Val (dBuV)	FCC_BQPN (dBuV)	dL1 (dB)	Av Val (dBuV)	FCC_BAVN (dBuV)	dL2 (dB)
1	0.188	54.5	53.3	64.1	-10.8	29.3	54.1	-24.8
2	0.194	56.4	52.4	63.9	-11.5	34.2	53.9	-19.7
3	0.253	48.5	42.3	61.7	-19.4	24.8	51.7	-26.9

Fujitsu Australia

Conducted Emisions - Active Line

Limits:

FCC\_BQPN FCC PART 15 CLASS B CONDUCTED QP LIMITS (2002)

FCC\_BAVN FCC PART 15 CLASS B CONDUCTED AVERAGE LIMIT (2002)

Legend:

— Active Line

Ver 5.5 Build 154

Conducted emissions site 1 lerderderg

t:L0450708 c1:C1560308 c2:C1610308 p:NONE a:NONE

Site ID: OATS1,Lerderderg Gorge Rd, Bacchus Marsh, VIC

Test Officer:Chieu Huynh

Source:

M08082221 ,22 ,23

EMC Technologies (Melbourne) 176 Harrick Rd, Keilor Park, 3042, Vic, Australia

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# EMC Technologies Pty. Ltd. - Global Product Certification

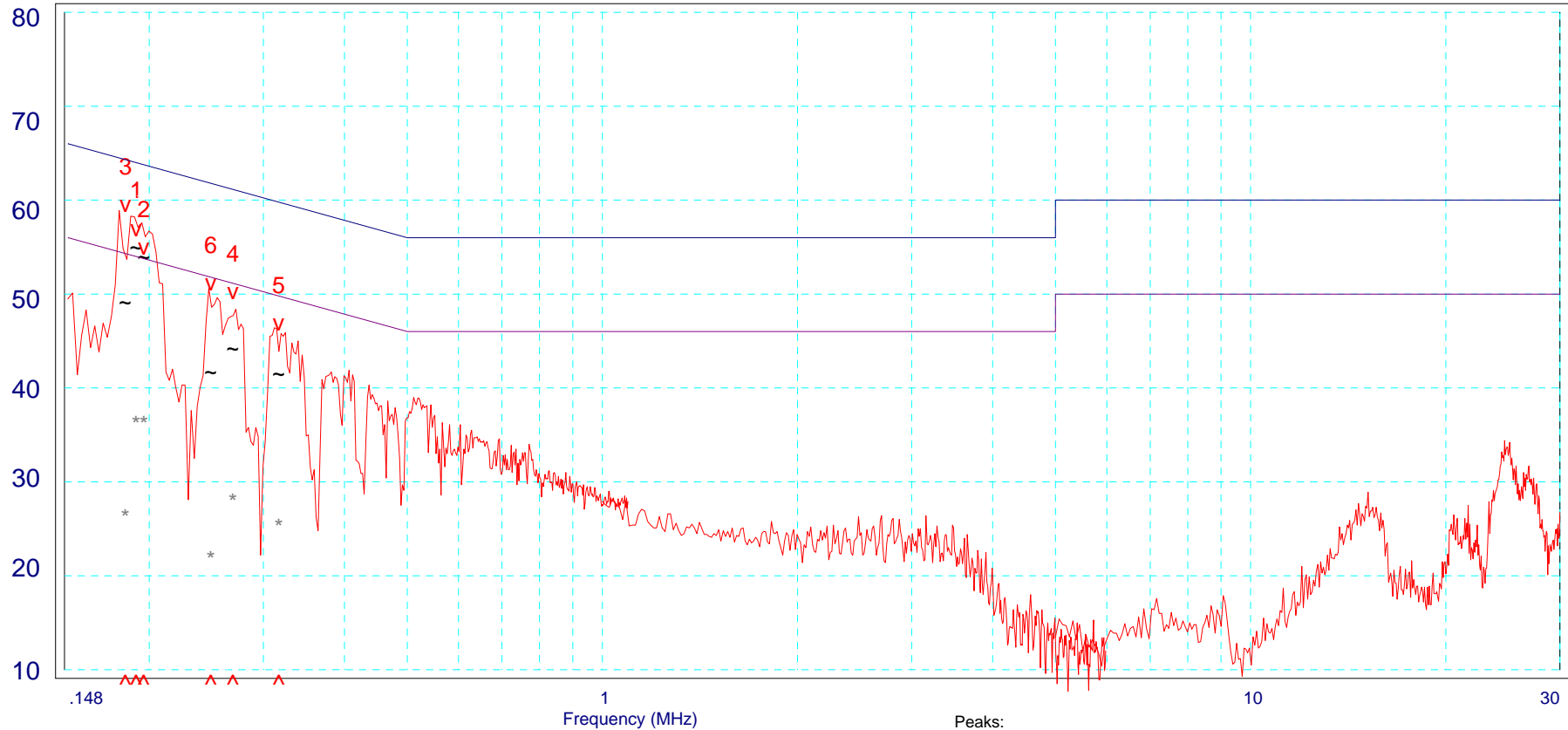
Conducted Emissions (dBuV)

Job No:m080822

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Test Date: 05/09/08

GRAPH No. 2



Peaks:

No	Freq (MHz)	Peak (dBuV)	QP Val (dBuV)	FCC_BQPN (dBuV)	dL1 (dB)	Av Val (dBuV)	FCC_BAVN (dBuV)	dL2 (dB)
1	0.191	56.4	54.5	64.0	-9.5	35.5	54.0	-18.5
2	0.196	54.5	53.5	63.8	-10.3	35.5	53.8	-18.3
3	0.184	58.9	48.6	64.3	-15.7	25.5	54.3	-28.8
4	0.269	49.7	43.8	61.1	-17.3	27.2	51.1	-23.9
5	0.317	46.3	41.0	59.8	-18.8	24.5	49.8	-25.3
6	0.249	50.6	41.2	61.8	-20.6	21.1	51.8	-30.7

Fujitsu Australia

Conducted Emisions - Neutral Line

Limits:

FCC\_BQPN

FCC PART 15 CLASS B CONDUCTED QP LIMITS (2002)

FCC\_BAVN

FCC PART 15 CLASS B CONDUCTED AVERAGE LIMIT (2002)

Legend:

— Neutral Line

Ver 5.5 Build 154

Conducted emissions site 1 lerderderg

t:L0450708 c1:C1560308 c2:C1610308 p:NONE a:NONE

Site ID: OATS1,Lerderderg Gorge Rd, Bacchus Marsh, VIC

Test Officer:Chieu Huynh

Source:

M080822r18 , 19 ,20

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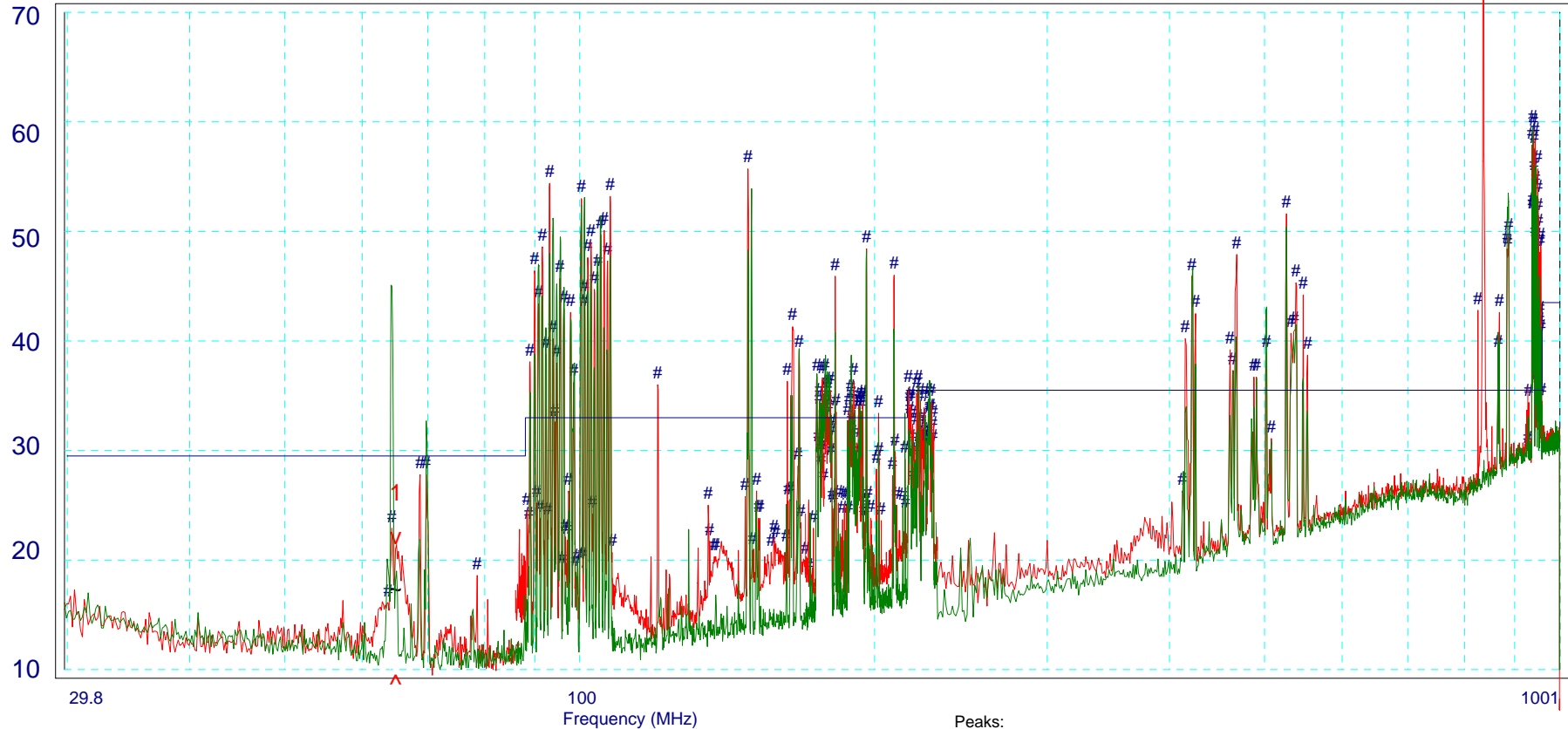
Radiated Emissions (dBuV/m)  
# = Ambient

Job No:m080822

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Test Date: 05/09/08

GRAPH No. 3



Fujitsu Australia  
UMTS

Radiated Emissions - Vertical Polarity

Peaks:

No	Freq (MHz)	Peak (dBuV/m)	QP Val	FCCB-10 (dBuV/m)	dL1 (dB)
1	64.91	21.3	16.7	29.5	-12.8

Limits: FCCB-10      FCC CLASS B RAD 10M LIMITS

Legend: — Vertical Emissions

Ver 5.5 Build 154  
radiated emissions site 1 lerderg  
t:A1360708\_10M c1:C1311208 c2:C2601208 p:NONE a:NONE  
Site ID: OATS1,Lerderg Gorge Rd, Bacchus Marsh, VIC  
Test Officer:Chieu Huynh

Source: M080822#6 , 1 , 2 , 3 , 4 , 15 , 16 , 17

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# EMC Technologies Pty. Ltd. - Global Product Certification

Job No:m080822

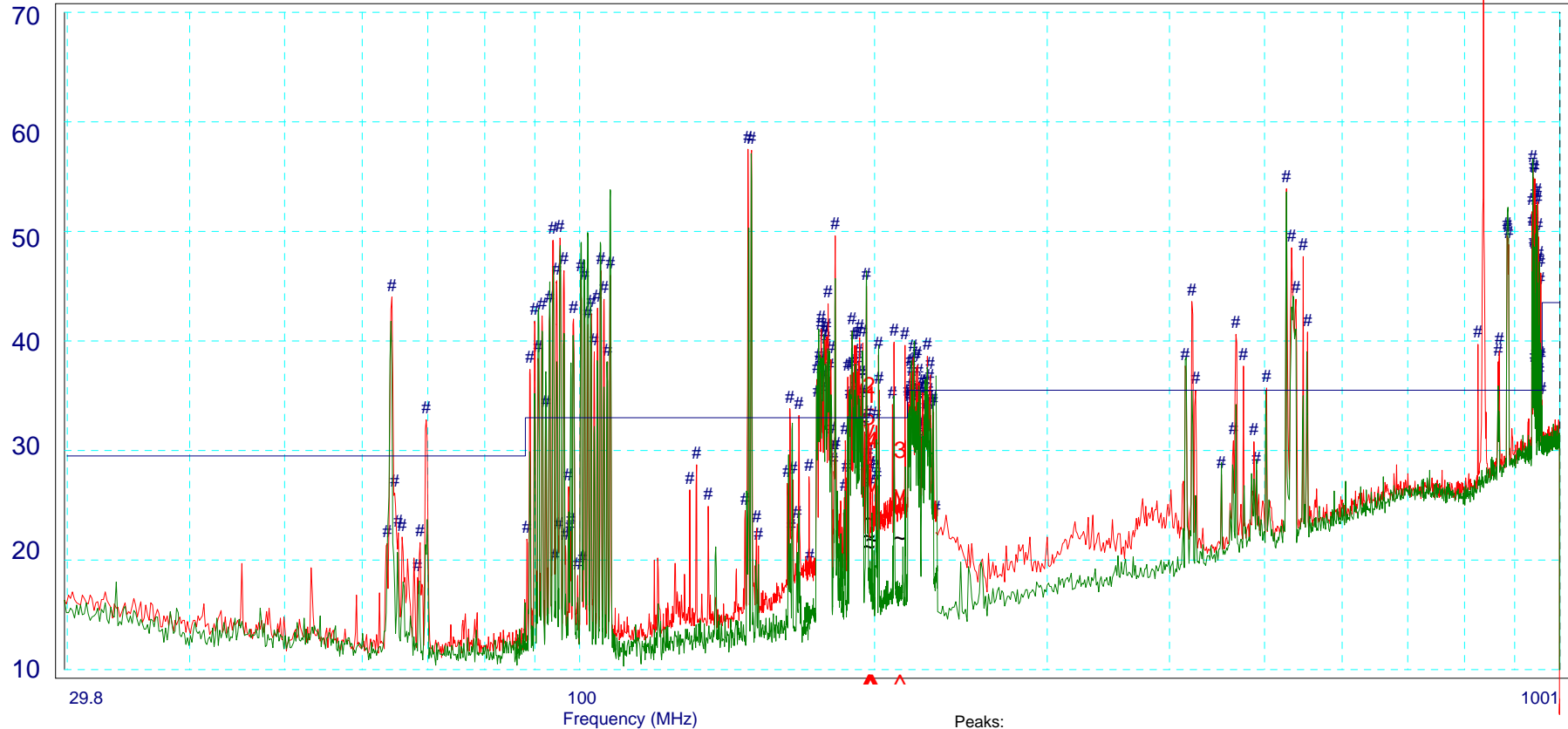
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Radiated Emissions (dBuV/m)

Test Date: 05/09/08

GRAPH No. 4

# = Ambient



Peaks:

No	Freq (MHz)	Peak (dBuV/m)	QP Val	FCCB-10 (dBuV/m)	dL1 (dB)
1	198.18	30.3	23.1	33.0	-9.9
2	197.49	31.2	21.5	33.0	-11.5
3	212.38	25.3	21.4	33.0	-11.6
4	198.91	26.2	21.2	33.0	-11.8
5	197.48	28.3	20.5	33.0	-12.5

Fujitsu Australia  
UMTS

Radiated Emissions - Horizontal Polarity

Limits:  
FCCB-10 FCC CLASS B RAD 10M LIMITS

Legend:  
— Horizontal Emissions

Ver 5.5 Build 154  
radiated emissions site 1 lerderg  
t:A1360708\_10M c1:C1311208 c2:C2601208 p:NONE a:NONE  
Site ID: OATS1,Lerderg Gorge Rd, Bacchus Marsh, VIC  
Test Officer:Chieu Huynh

Source:  
M0808227 , 8 , 9 , 10 , 11 , 12 , 13 , 14

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