Guitar number		**13**
Top	**WRC**	
Date		

MEASURED TOP DATA

Mass		194	g
Dimensions			
	Length **LL**	590	mm
	Width **LC**	236	mm
	Height **H**	4,3	mm
Density			
Resonant Frequencies	**Long mode F_L**	56,5	Hz
	Cross mode F_C	118,6	Hz
	Twist mode G_{LC}	44	Hz
Speed of sound (recorded)	**c**		m/s

ELASTIC MODULI

Long grain Youngs modulus	**E_L**	6381745813	Pa
Cross grain Youngs modulus	**E_C**	719866477,4	Pa
Shear modulus	**G_{LC}**	799734086,7	Pa
E_L/E_C			

GUITAR SHAPE DATA

Vibrational Stiffnes Parameter	***f***	75	
Dimensions	**Body length a**	490	mm
	Lower bout width b	390	mm
	a/b		

TARGET THICKNESS

h

Speed of sound (calculated)	**c**	311,1036904
	Dif. From measured	9,647020124
		9,874916573
Sound radiation ratio	**RR**	
		1,07833374
	srt of density	18,00049999
	Fa^2	18,0075

SI UNITS

0,194 Kg

0,59 m
0,236 m
0,0043 m

324,018 Kg/m3

56,5 Hz
118,6 Hz
44 Hz

6,382 Gpa
0,72 Gpa
0,8 Gpa
8,864

0,49 m
0,39 m
1,256

100,163 mm

4438 **m/s**
#DIV/0! %

13,697

311,1036904
;C58=F34+F47^4*F35+F47^2*(0,02857*F34+1,12*F36)

311,1036904