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Prepared / Préparé F. Maingot	Title / Titre Zik r BT antenna V2_2		
Approved / Approuvé	Date 2013-07-05	Révision 1.0	File / Fichier Data-sheet antenna ZikR2 V2_2.docx



Parrot®

Voyager _V2.2

Bluetooth antenna for Parrot Zik^r



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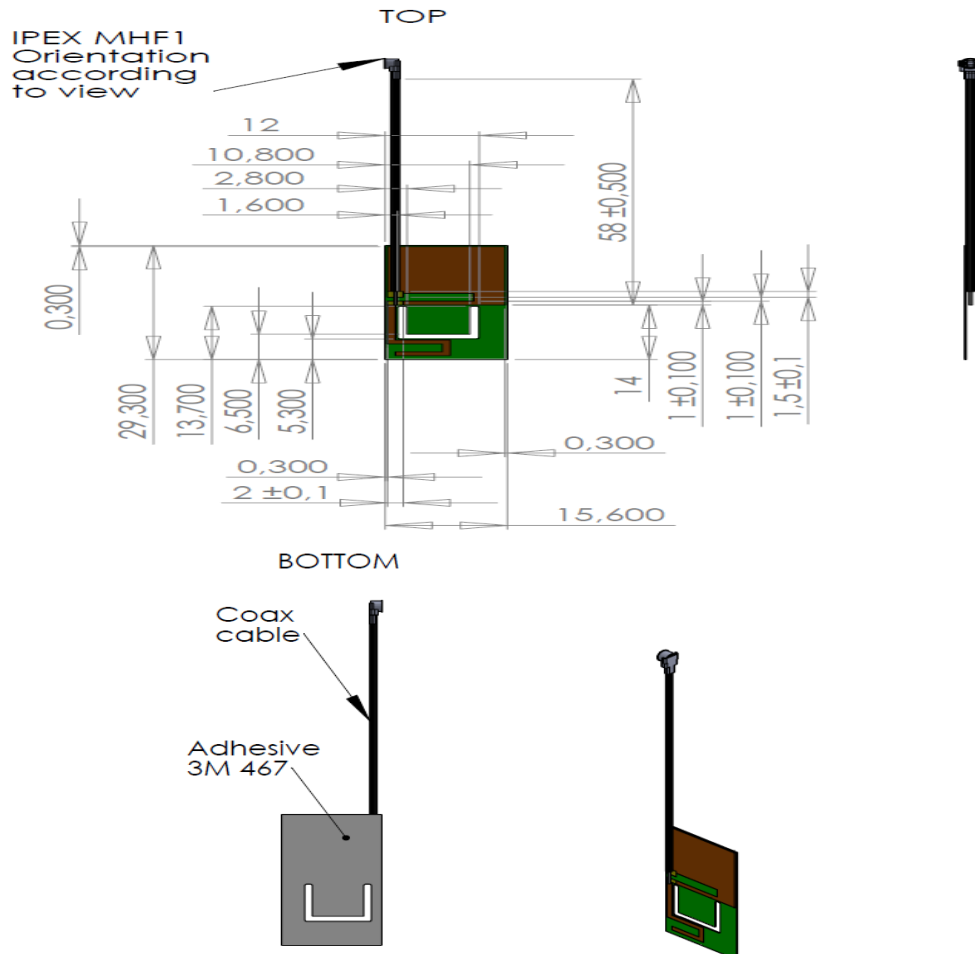
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1 Features

All parameters are measured with antenna installed at nominal position inside Zik^r headphones, and at room temperature (25°C)

Parameter	Unit	Min	Nominal	Max	Comments
Connector			IPEX MHF1		u.fl compatible
Frequency range	MHz	2400	2440	2480	
Max gain	dBi		0.5		
S11	dB			-4	In frequency range
Average gain	dBi		-7		
Impedance	Ω		50		
Polarization			linear		
Flex dimensions	mm		29.3 x 15.6		
Coax length	mm		58		
Adhesive			3M 467		

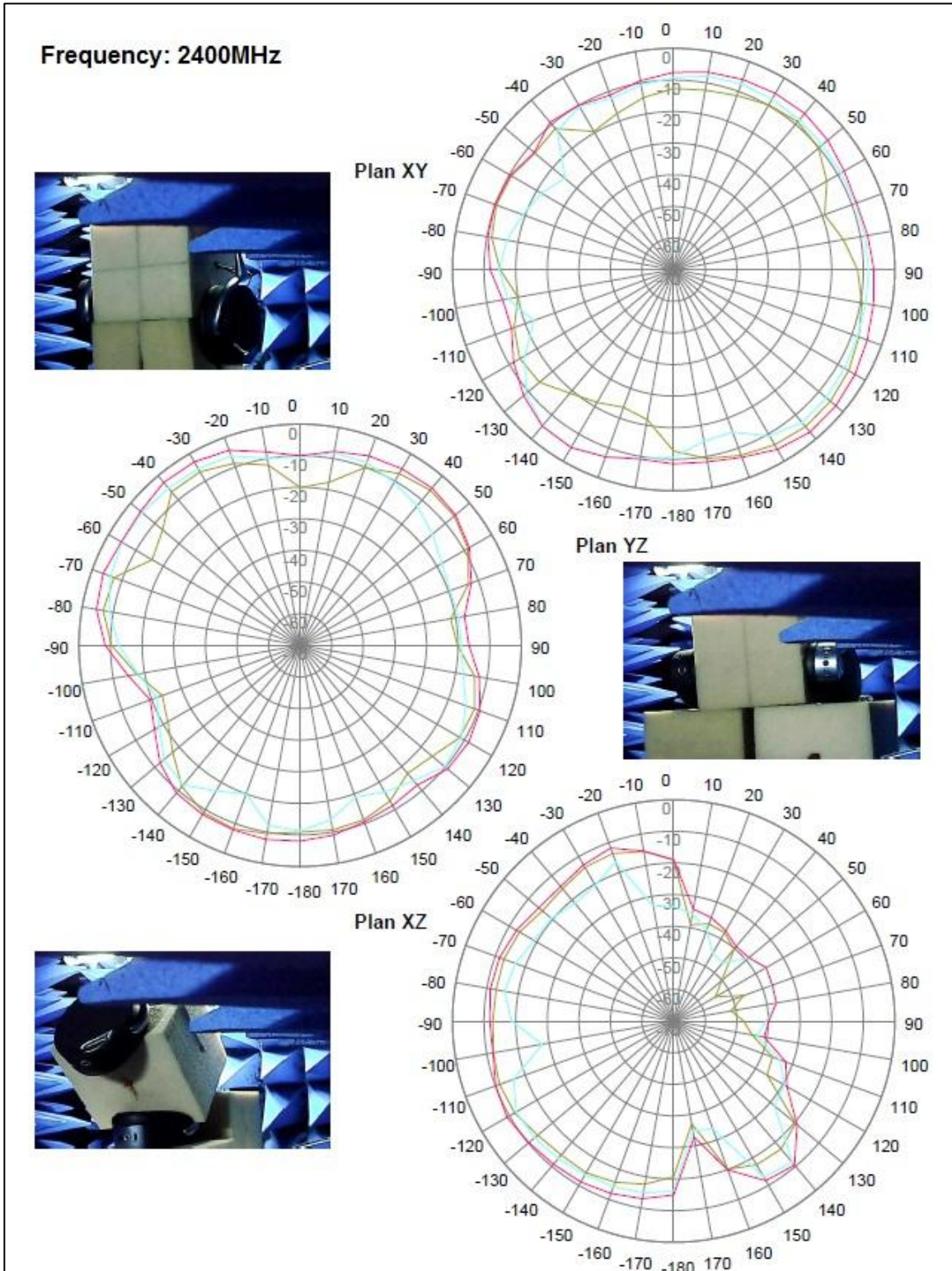
2 Mechanical dimensions



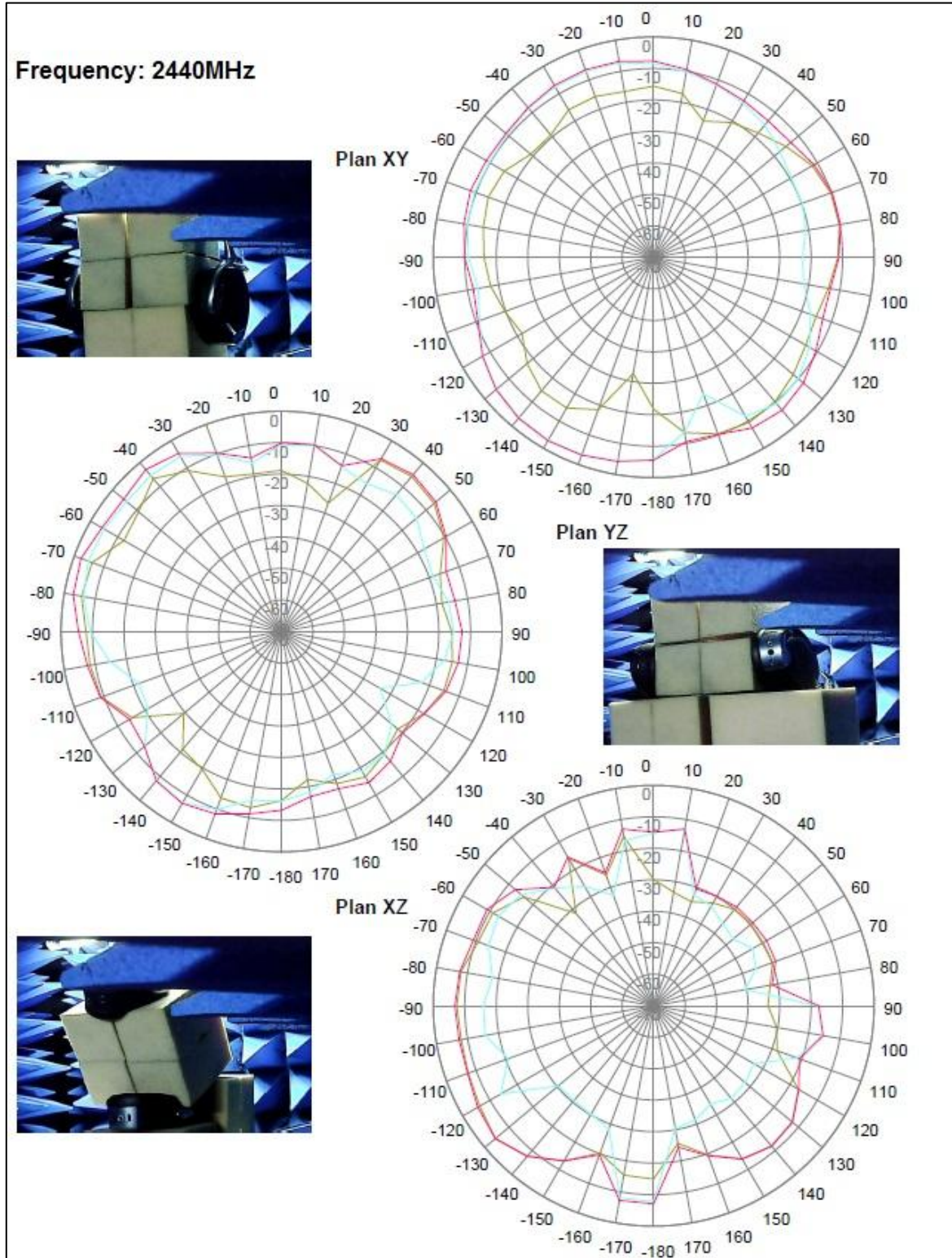
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Radiation Pattern

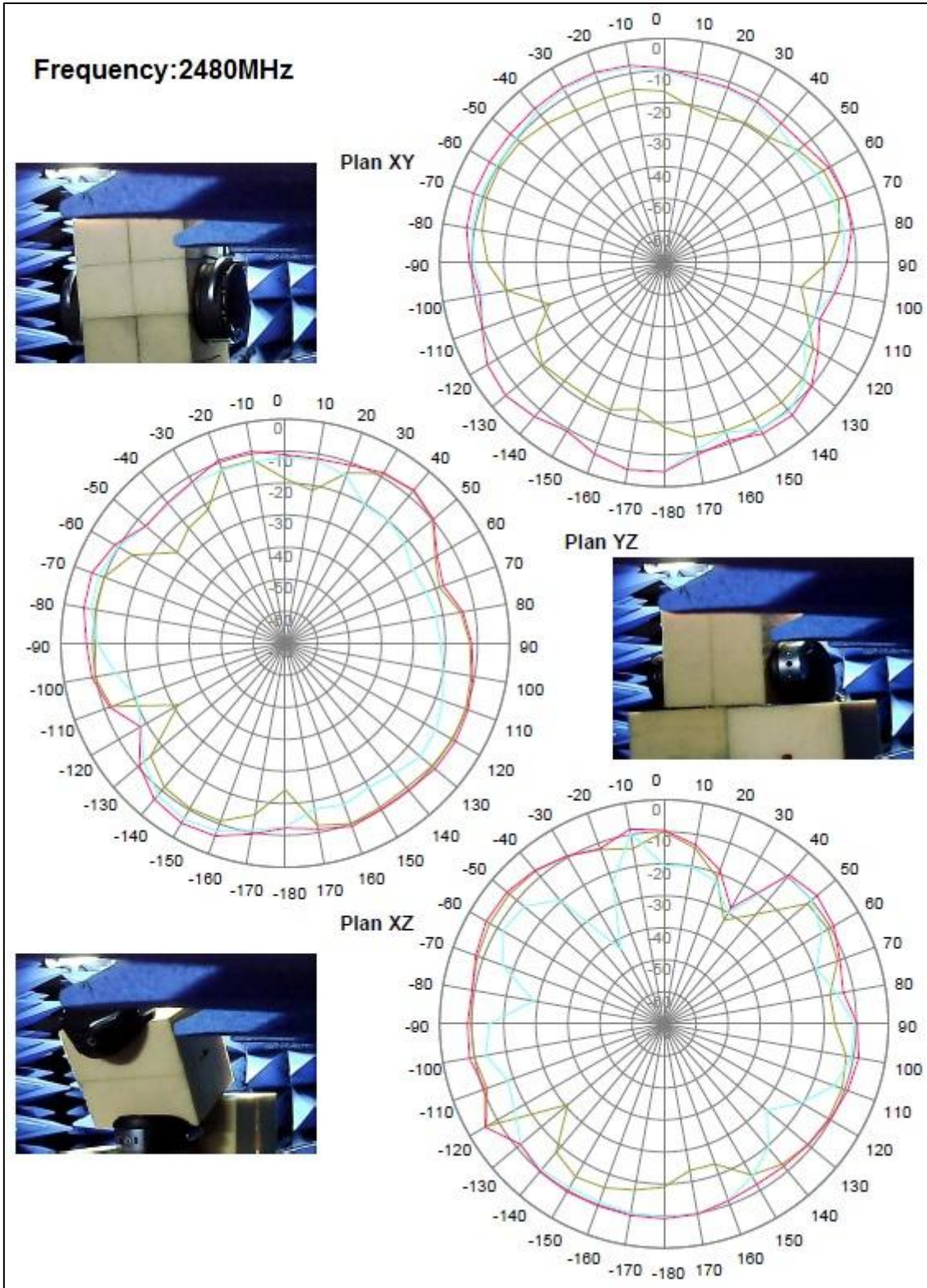
Radiation diagram measured in Zik^r headphones, on 3 main axis, and at 3 following frequencies: 2400, 2440 and 2480 MHz.



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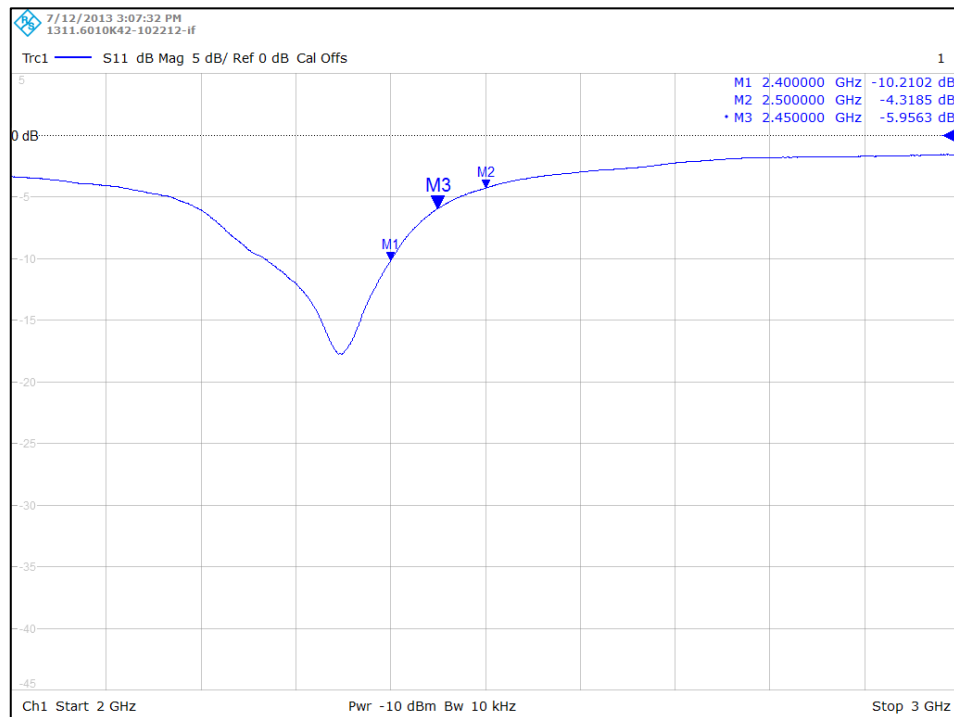
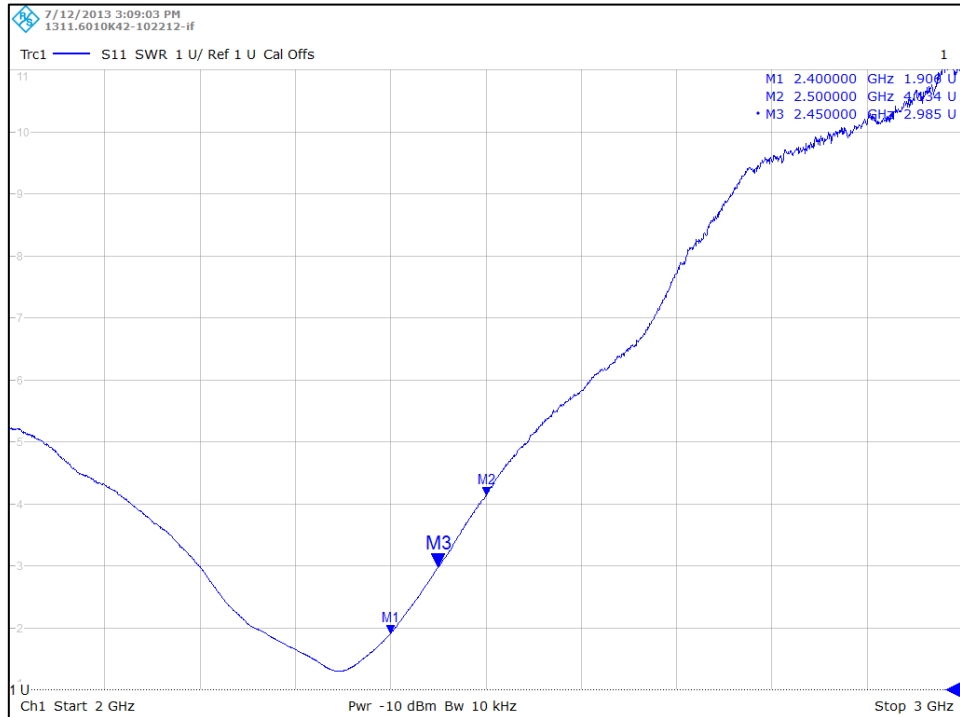
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3 Impedance

Impedance is measured on Rohde and Schwarz ZNB8 network analyzer, with antenna installed in nominal position in Zik R2 headphones.



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