

Appendix C: System Performance Check

Report Date : 19-Aug-2013 By Operator : Dino Chen

DUT : Dipole

Frequency: 2450.00 MHz Max. Transmit Pwr: 1 W

APREL ALSAS-10U System Description

Phantom Data

Name : Universal Phantom

Type : ALS-P-UP-1

Tissue Data

Type : Body

Frequency: 2450.00 MHz

Probe Data

Name : E-field Probe Model : ALS-E-020

Serial No. : 266

Last Calib. Date: 20-Aug-2012

Measurement Data Crest Factor : 1

Scan Type : Complete Tissue Temp. : 22.10 °C Ambient Temp. : 22.10 °C

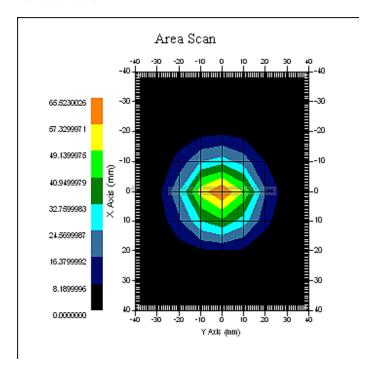
Area Scan : 9x9x1 : Measurement x=10mm, y=10mm, z=4mm Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Separation : 1cm



Report Number: ISL-13LR136FSAR





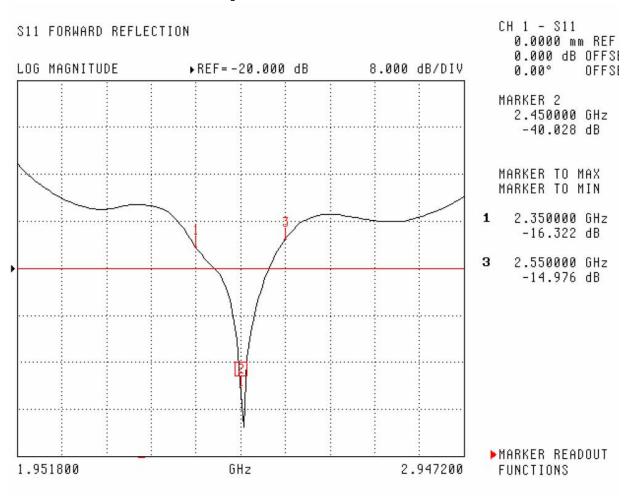
1 gram SAR value : 54.485 W/kg 10 gram SAR value : 25.012 W/kg Area Scan Peak SAR : 65.679 W/kg Zoom Scan Peak SAR : 106.488 W/kg



Electrical Calibration

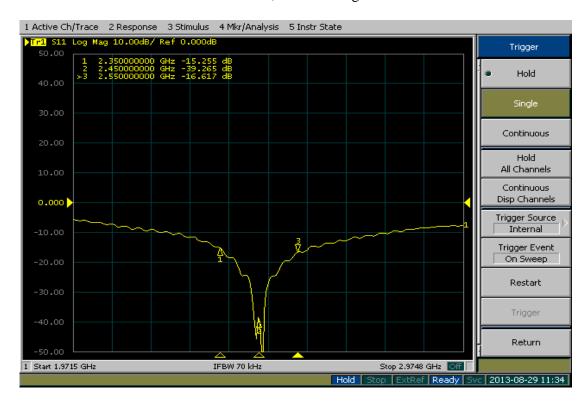
Electrical Calibration				
	Cal. report	Self Check		Deviations
Test	Result	Result	Date	
S11	-16.32dB	-16.62dB		1.8%
Impedance	10.33 Ω	13.97 Ω	19-Aug-2013	3.64Ω

S11 Parameter Return Loss -Cal. report

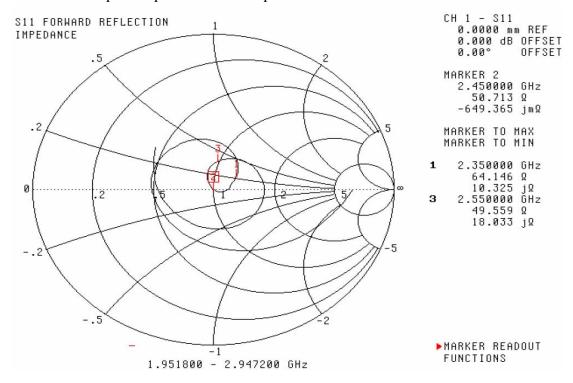




S11 Parameter Return Loss –Self Check, Date 19-Aug-2013



Smith Chart Dipole Impedance -Cal. Report





Smith Chart Dipole Impedance –self check, Date 19-Aug-2013

