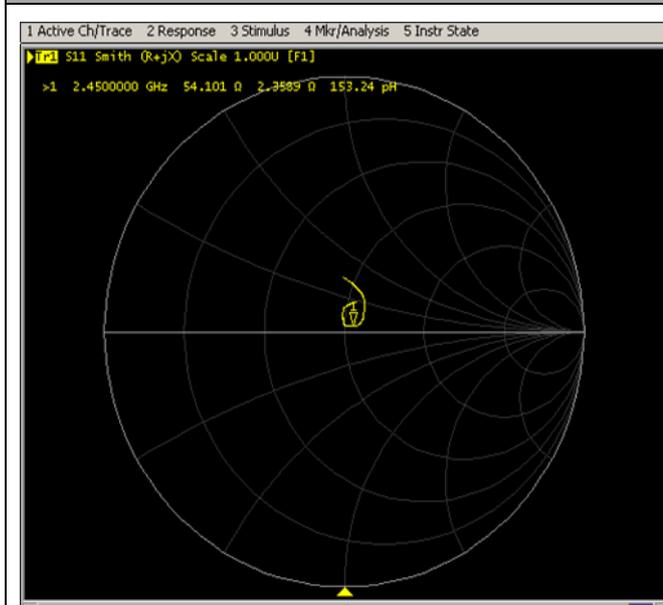


Justification of the extended calibration of Dipole D2450V2 SN: 860

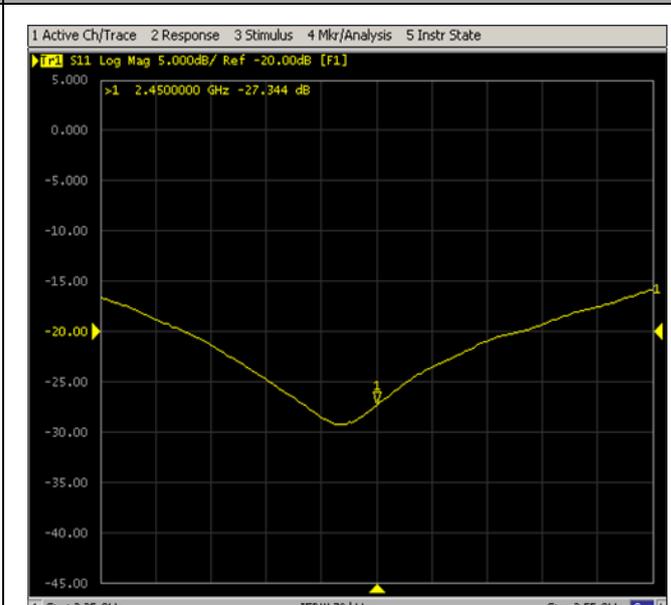
Per KDB 450824, we have Measured the Impedance and Return Loss as below, and the return loss is <-20dB, with 20% of prior calibration; the real or imaginary parts of the impedance is with 5 ohm of prior calibration. Therefore the verification result should support extended calibration.

Calibration Date	2011-03-08	Measured Date	2012-03-07
Dipole2450 Head TST	Target Value	Measured Value	Difference
Impedance transformed to feed point	54.0Ω+2.2jΩ	54.1Ω+2.36jΩ	R=0.1Ω, X=0.16Ω
Return Loss	-27.2dB	-27.34dB	-0.51%
Dipole2450 Body TST	Target Value	Measured Value	Difference
Impedance transformed to feed point	49.0Ω+4.9jΩ	49.48Ω+5.13jΩ	R=0.48Ω, X=0.23Ω
Return Loss	- 26.0dB	-26.38dB	-1.46%
Measured Date	2011-03-08	2012-03-07	-----

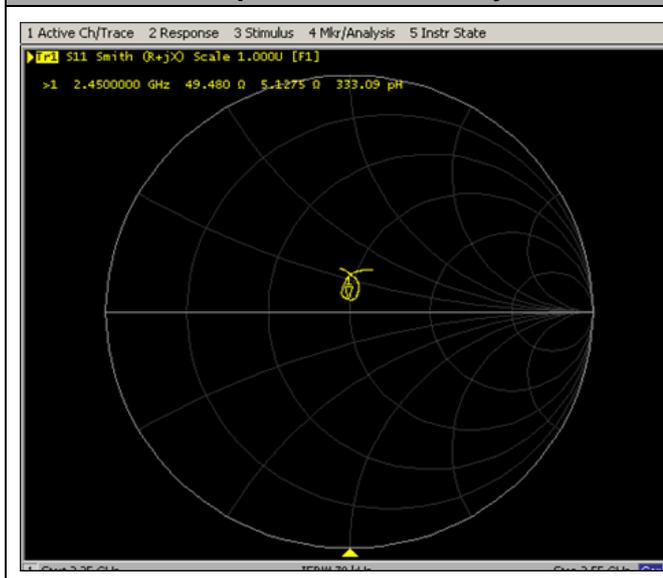
Impedance Test-Head



Return Loss Test-Head



Impedance Test-Body



Return Loss Test-Body

