SAR Dipole Performance Measurement Report

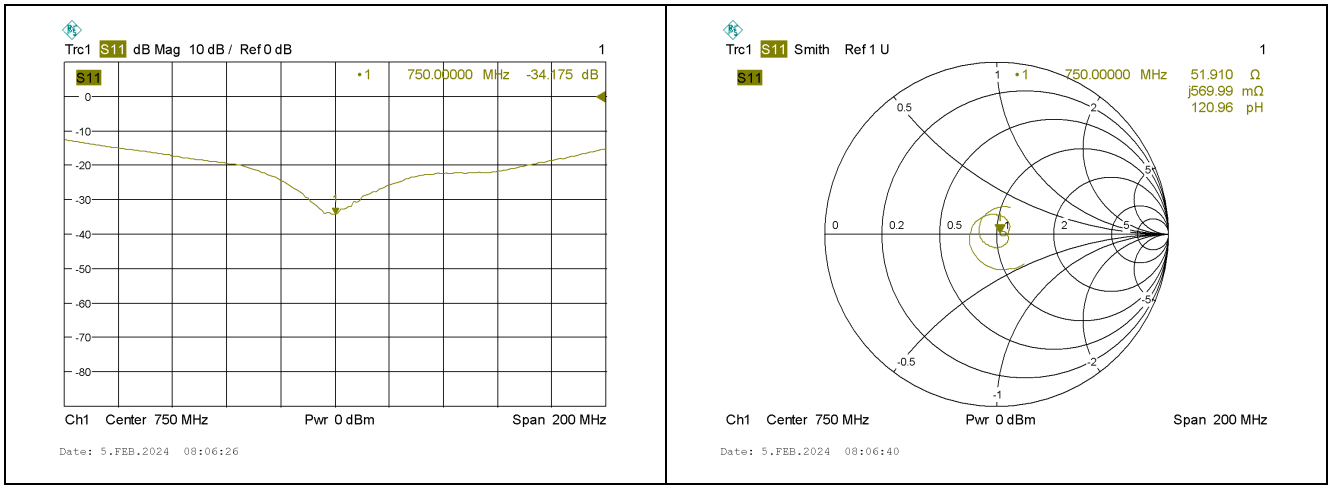
If dipoles are verified in return loss<-20dB, (within 20% of prior calibration), and in impedance (within 5 ohm of prior calibration), the annual calibration is not necessary and the calibration interval can be extended.

Head 750 MHz				
Date of Measurement	Return Loss (dB)	Delta (%)	Impedance	Delta(ohm)
2022.02.11	-36.40	-	48.6	-
2023.02.08	-30.380	-16.54	52.757	4.16
2024.02.05	-34.175	-6.11	51.910	3.31

The return loss is <-20dB, within 20% of prior calibration; the impedance is within 5 ohm of prior calibration. Therefore the verification result should support extended calibration.

<Dipole Verification Data>

Head 750 MHz

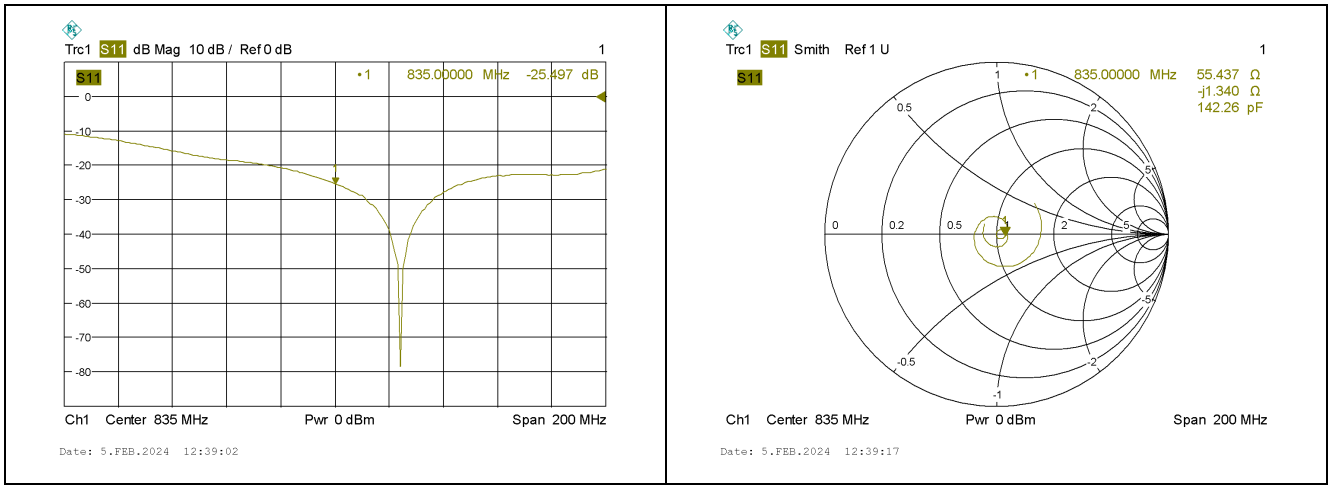


Head 835 MHz				
Date of Measurement	Return Loss (dB)	Delta (%)	Impedance	Delta(ohm)
2022.02.11	-25.67	-	54.4	-
2023.02.08	-27.048	5.37	56.211	1.81
2024.02.05	-25.497	-0.67	55.437	1.037

The return loss is <-20dB, within 20% of prior calibration; the impedance is within 5 ohm of prior calibration. Therefore the verification result should support extended calibration.

<Dipole Verification Data>

Head 835MHz

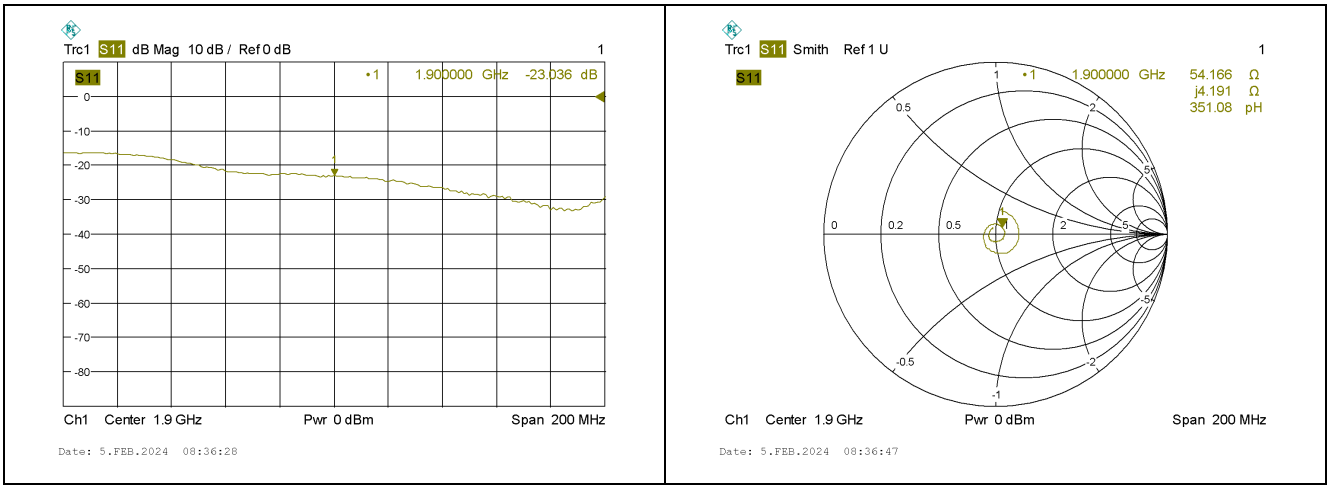


Head 1900 MHz				
Date of Measurement	Return Loss (dB)	Delta (%)	Impedance	Delta(ohm)
2022.02.11	-25.33	-	52.4	-
2023.02.08	-23.790	-6.08	49.567	-2.83
2024.02.05	-23.036	-9.06	54.166	1.77

The return loss is <-20dB, within 20% of prior calibration; the impedance is within 5 ohm of prior calibration. Therefore the verification result should support extended calibration.

<Dipole Verification Data>

Head 1900 MHz

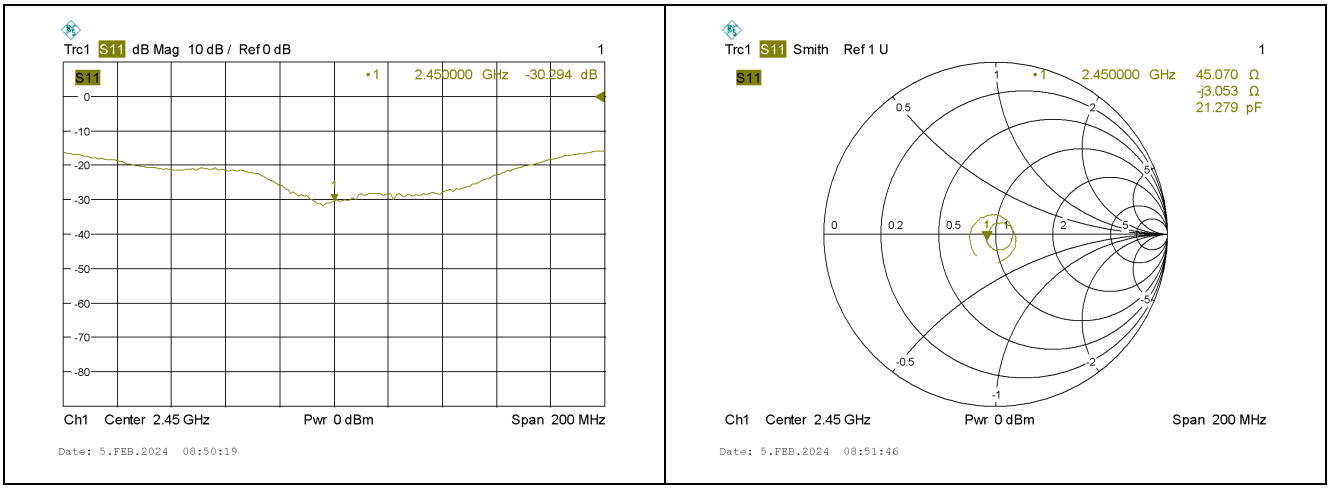


Head 2450 MHz				
Date of Measurement	Return Loss (dB)	Delta (%)	Impedance	Delta(ohm)
2022.02.11	-33.65	-	49.2	-
2023.02.08	-29.606	-12.02	51.232	2.03
2024.02.05	-30.294	-9.97	45.070	-4.13

The return loss is <-20dB, within 20% of prior calibration; the impedance is within 5 ohm of prior calibration. Therefore the verification result should support extended calibration.

<Dipole Verification Data>

Head 2450 MHz



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