

## SAR Dipole Performance Measurement Report

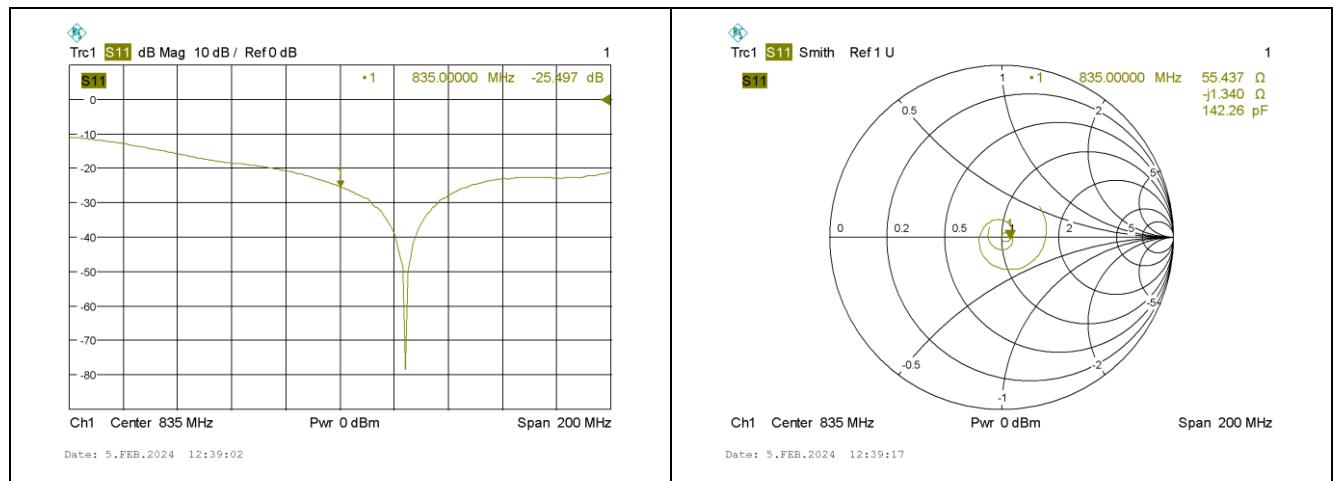
If dipoles are verified in return loss <-20dB, (within 20% of prior calibration), and in impedance (within 5 ohm of prior calibration), the annual calibration is not necessary and the calibration interval can be extended.

Head 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





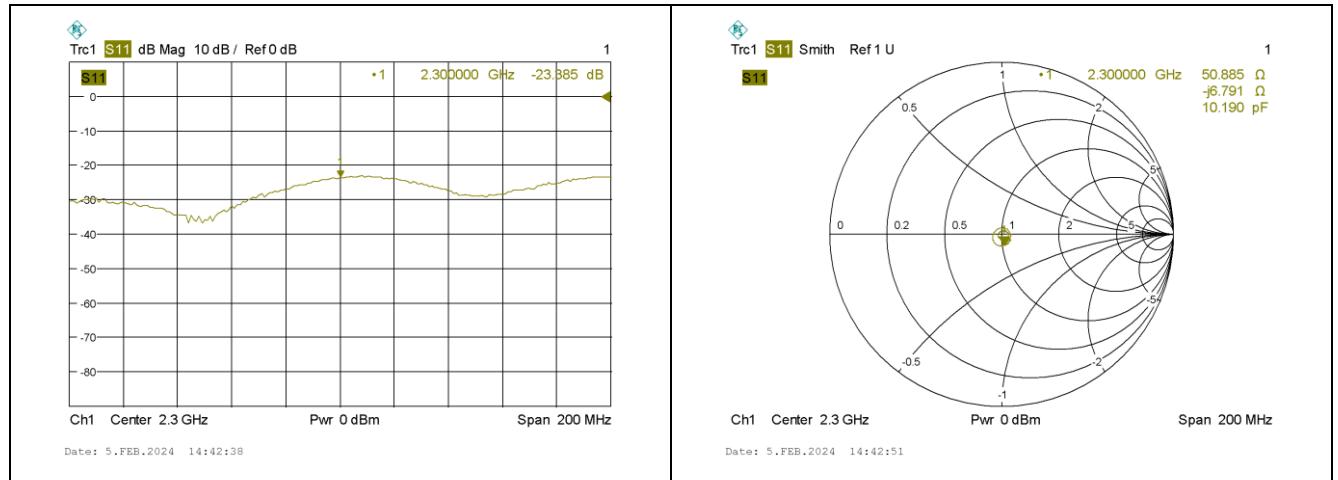
### Head 1800 MHz

Date of Measurement	Return Loss (dB)	Delta (%)	Impedance	Delta(ohm)
2022.02.11	-28.69	-	51.9	-
2023.02.08	-25.320	-11.75	47.250	-4.65
2024.02.05	-23.385	-18.49	50.885	-1.02

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 1800 MHz





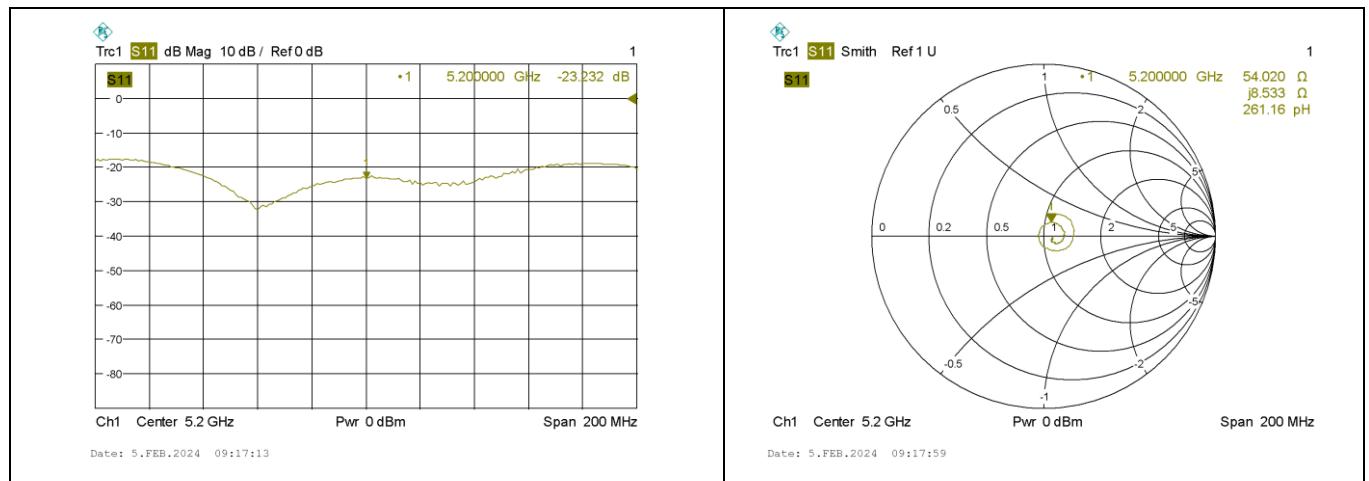
### Head 5200 MHz

Date of Measurement	Return Loss (dB)	Delta (%)	Impedance	Delta(ohm)
2022.02.11	-21.48	-	53.53	-
2023.02.08	-22.258	3.62	55.087	1.56
2024.02.05	-23.232	8.16	54.020	0.49

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 5200 MHz





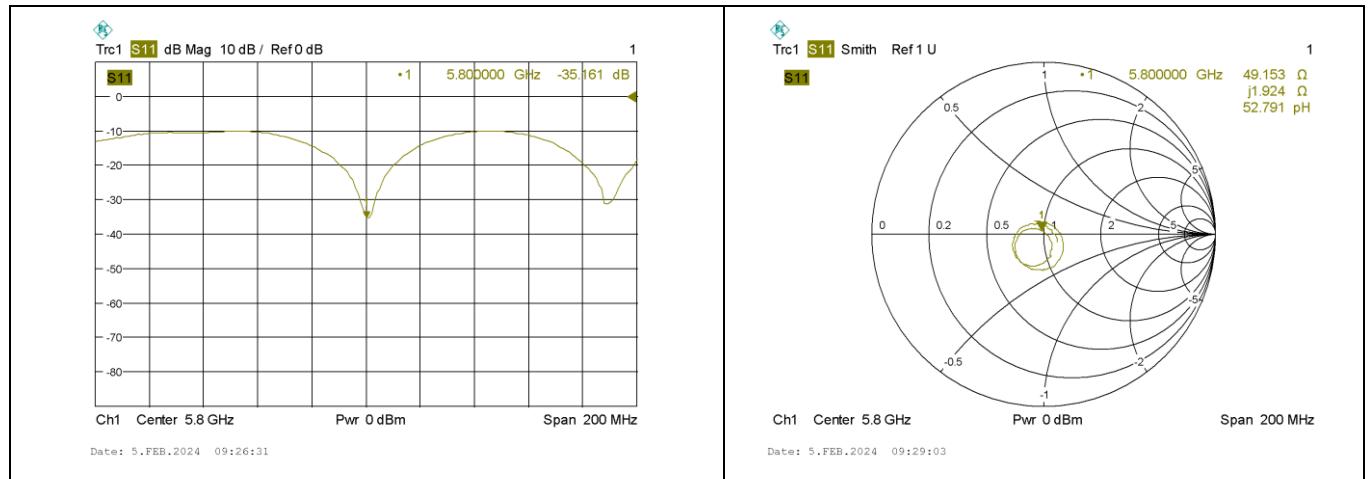
### Head 5800 MHz

Date of Measurement	Return Loss (dB)	Delta (%)	Impedance	Delta(ohm)
2022.02.11	-34.18	-	48.41	-
2023.02.08	-35.663	4.34	47.276	-1.13
2024.02.05	-35.161	2.87	49.153	0.74

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 5800 MHz



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