

SAR Dipole Performance Measurement Report

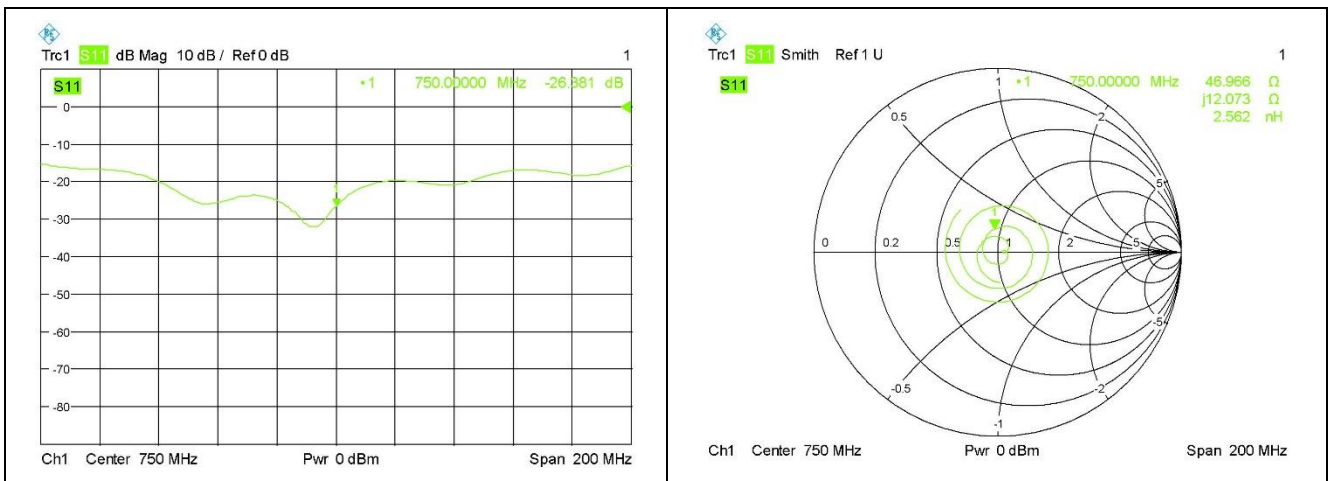
Referring to KDB 865664 D01, if dipoles are verified in return loss <math><-20\text{dB}</math>, (within 20% of prior calibration), and in impedance (within 5 ohm of prior calibration), the annual calibration is not necessary and the calibration interval can be extended.

Body 750 MHz				
Date of Measurement	Return Loss (dB)	Delta (%)	Impedance	Delta(ohm)
2022.02.11	-25.69	-	46.7	-
2023.02.08	-26.381	2.69	46.966	0.27

The return loss is <math><-20\text{dB}</math>, 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>

Body 750 MHz



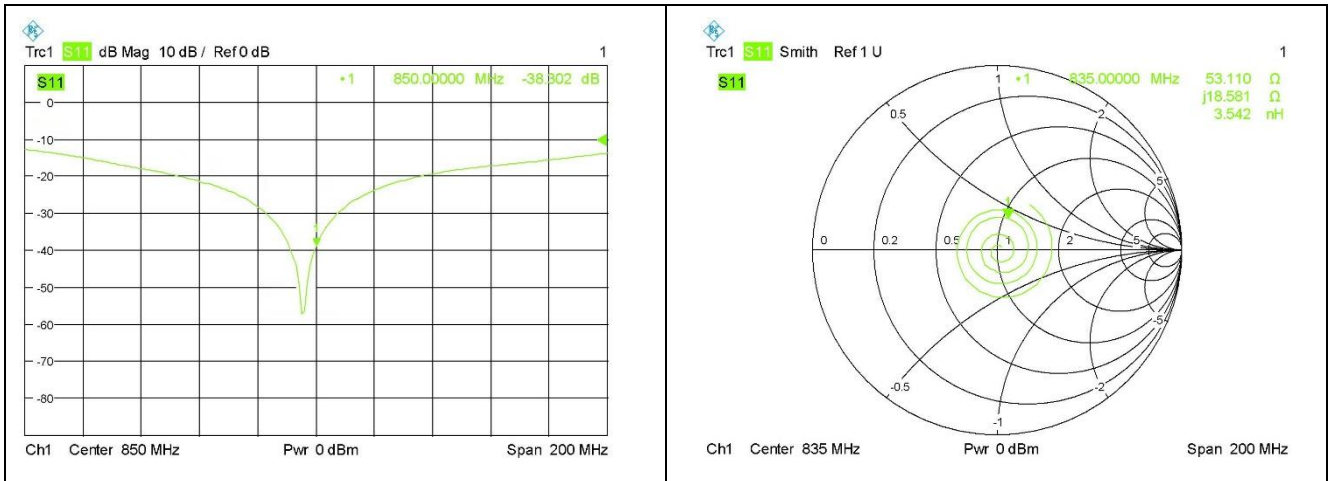


Body 835 MHz				
Date of Measurement	Return Loss (dB)	Delta (%)	Impedance	Delta(ohm)
2022.02.11	-45.52	-	50.4	-
2023.02.08	-38.302	-15.86	53.110	2.71

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>

Body 835MHz



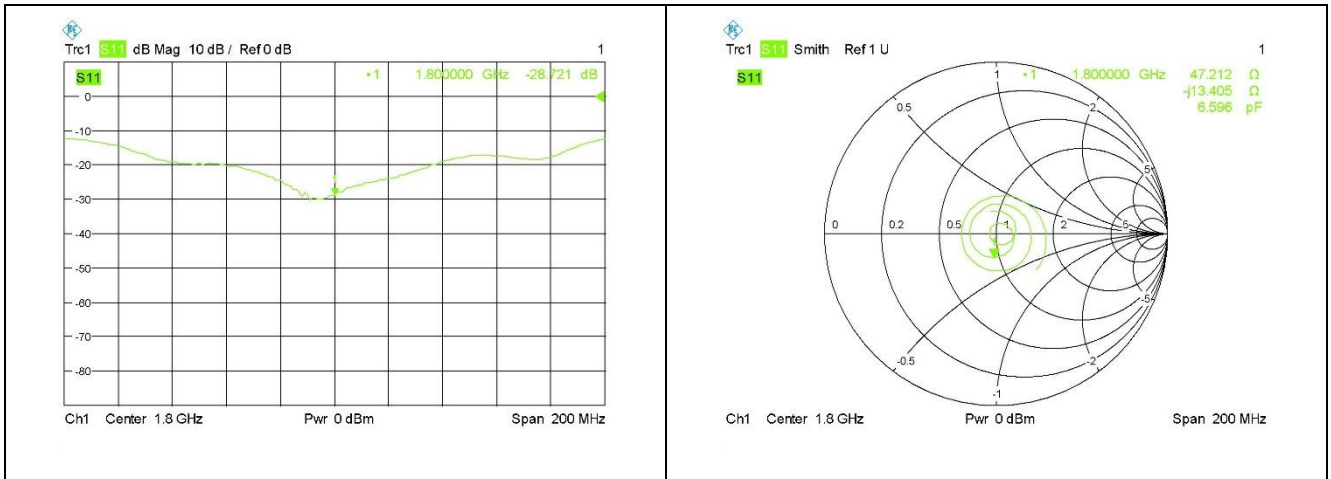


Body 1800 MHz				
Date of Measurement	Return Loss (dB)	Delta (%)	Impedance	Delta(ohm)
2022.02.11	-30.38	-	50.3	-
2023.02.08	-28.721	-5.46	47.212	-3.09

The return loss is <math>< -20\text{dB}</math>, 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>

Body 1800 MHz



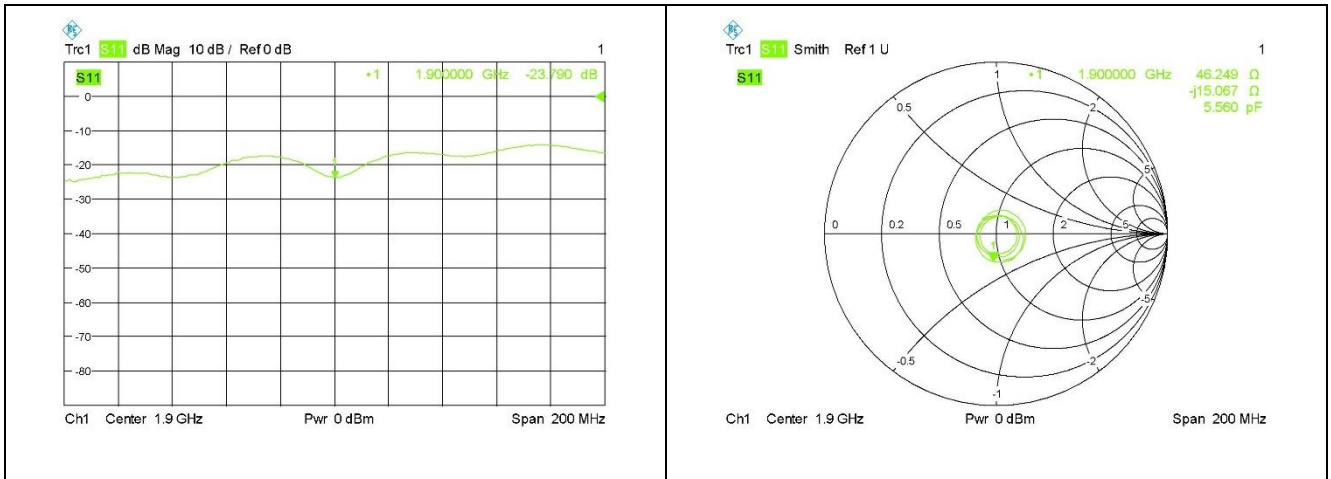


Body 1900 MHz				
Date of Measurement	Return Loss (dB)	Delta (%)	Impedance	Delta(ohm)
2022.02.11	-23.89	-	45.2	-
2023.02.08	-23.790	-0.42	46.249	1.05

The return loss is <math><-20\text{dB}</math>, 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>

Body 1900 MHz



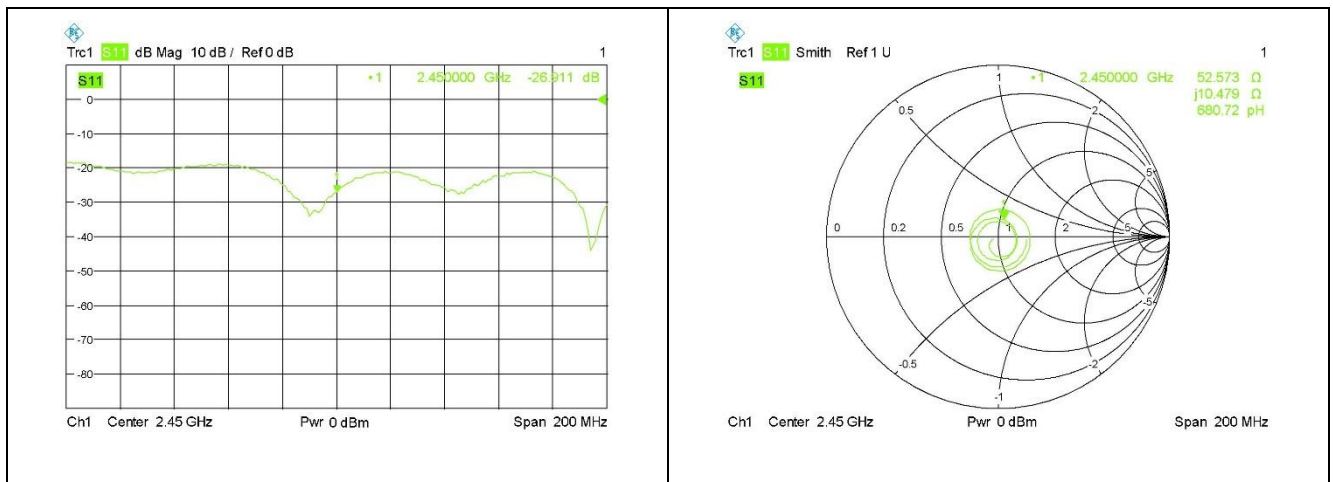


Body 2450 MHz				
Date of Measurement	Return Loss (dB)	Delta (%)	Impedance	Delta(ohm)
2022.02.11	-27.24	-	54.3	-
2023.02.08	-26.911	-1.21	52.573	-1.73

The return loss is <math><-20\text{dB}</math>, 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>

Body 2450 MHz



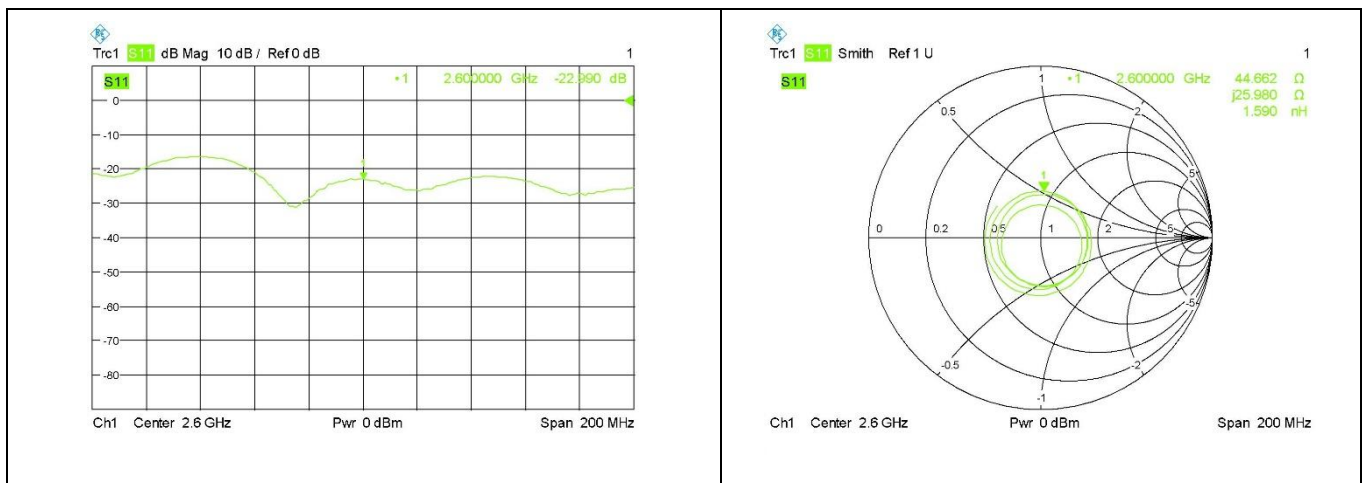


Body 2600 MHz				
Date of Measurement	Return Loss (dB)	Delta (%)	Impedance	Delta(ohm)
2022.02.11	-24.11	-	45.7	-
2023.02.08	-22.990	-4.65	44.662	-1.04

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>

Body 2600 MHz



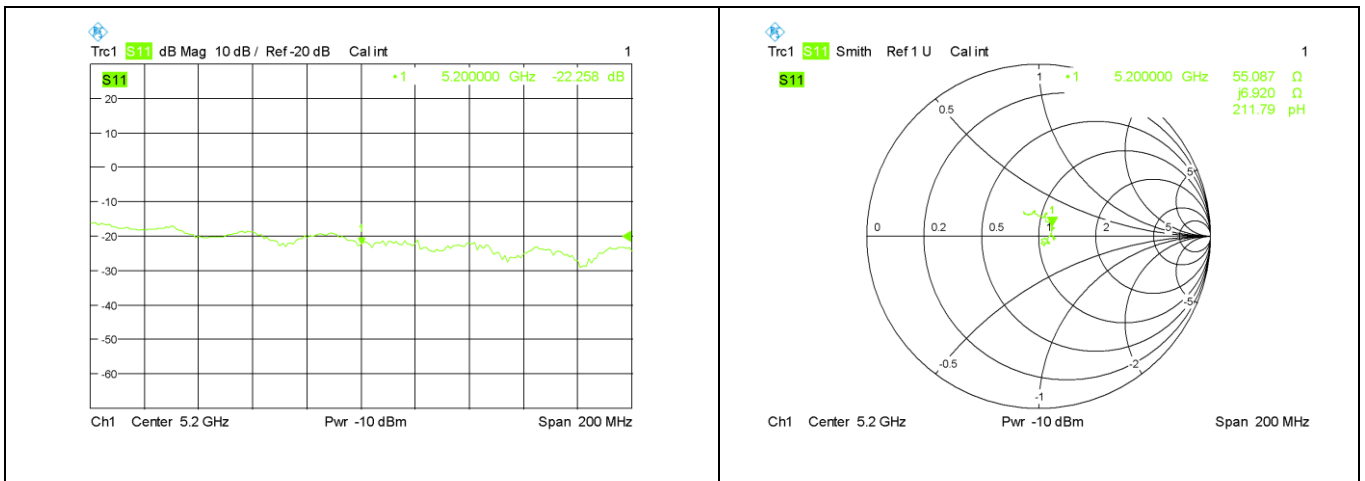


Body 5200 MHz				
Date of Measurement	Return Loss (dB)	Delta (%)	Impedance	Delta(ohm)
2022.02.11	-23.07	-	52.64	-
2023.02.08	-22.258	-3.52	55.087	2.45

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>

Body 5200 MHz



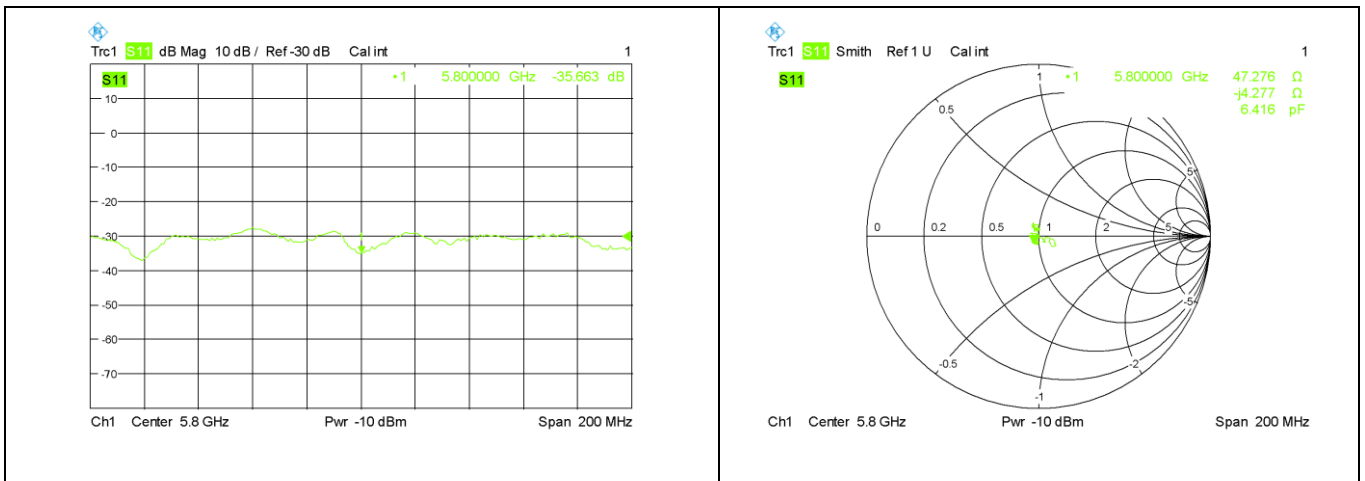


Body 5800 MHz				
Date of Measurement	Return Loss (dB)	Delta (%)	Impedance	Delta(ohm)
2022.02.11	-43.16	-	49.36	-
2023.02.08	-35.663	-17.37	47.276	-2.08

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>

Body 5800 MHz



*****END OF THE REPORT*****