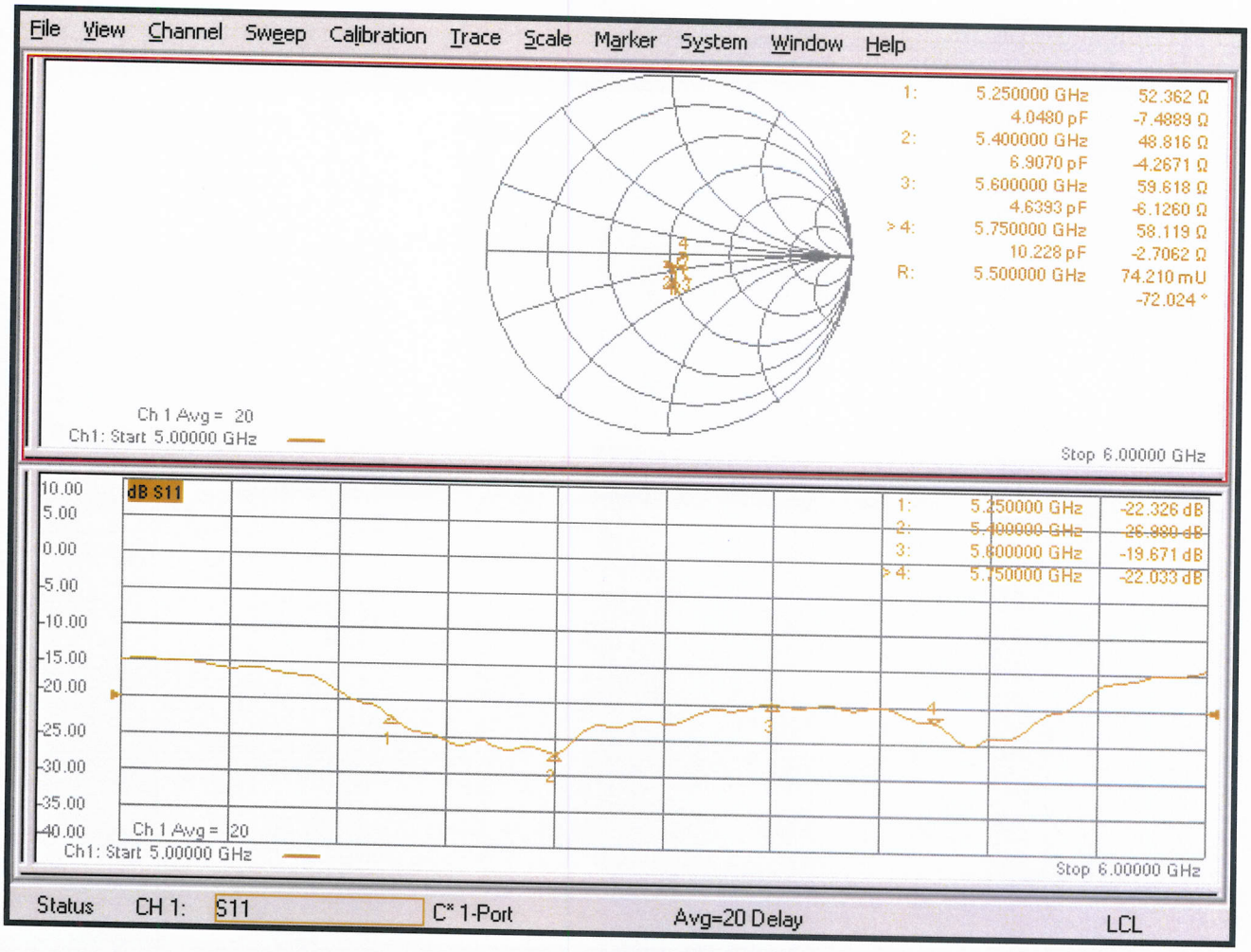
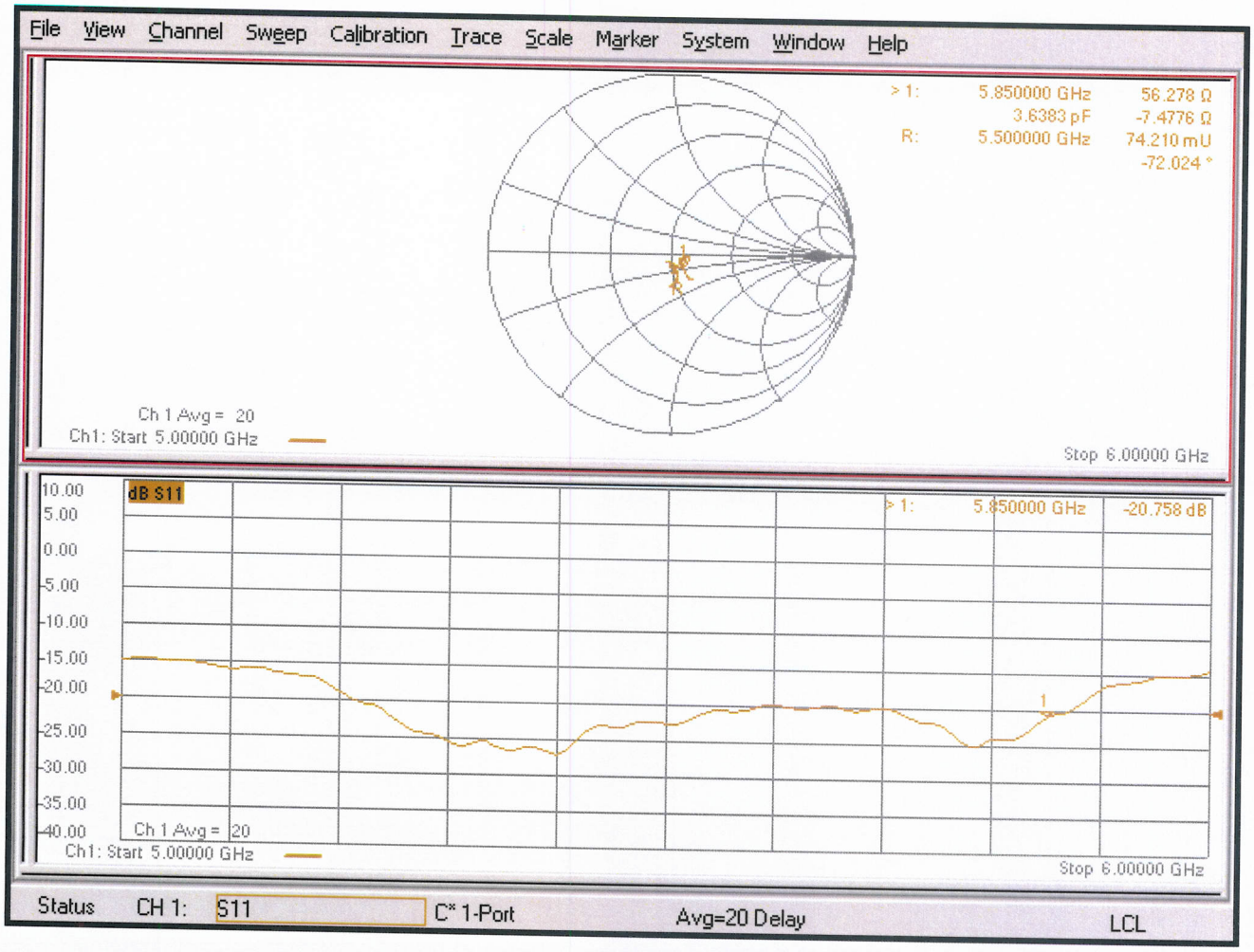
Impedance Measurement Plot for Body TSL (5250, 5400, 5600, 5750 MHz)



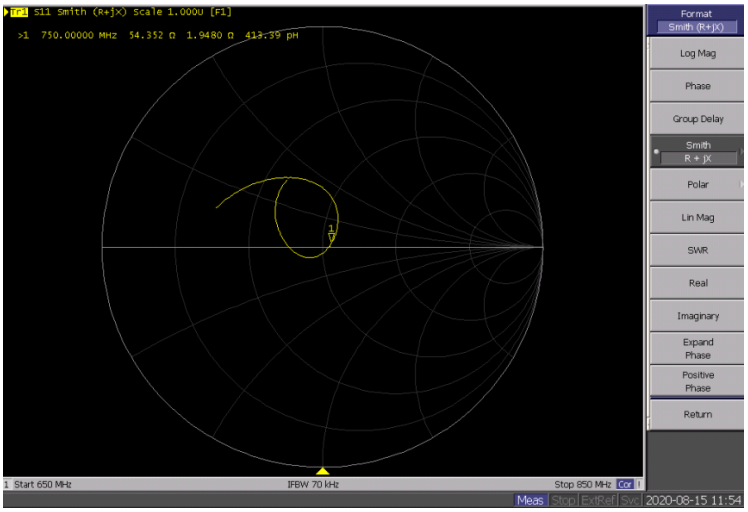
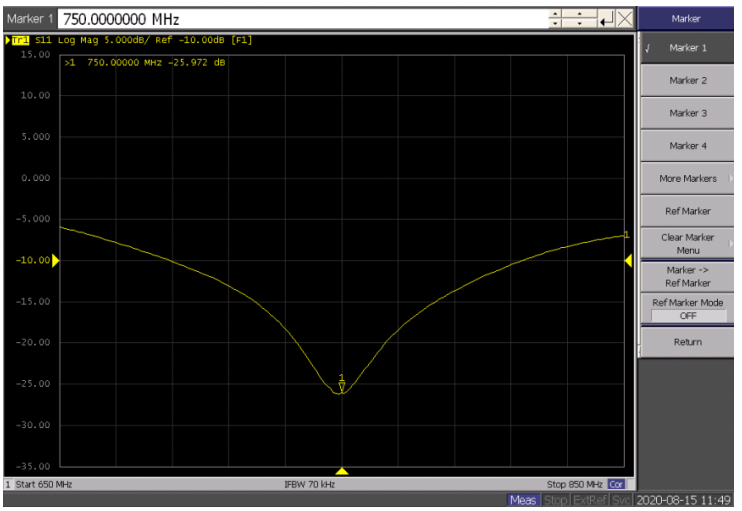
Impedance Measurement Plot for Body TSL (5850 MHz)



Justification of the extended calibration of Dipole D750V3 SN:1044

Per KDB 865664, 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.

Dipole SN	Tissue Type	Target Tissue		Measured Tissue		Deviation		Ambient Temp	Test Date	Test Engineer
		Impedance transformed to feed point	Return Loss(dB)	Impedance transformed to feed point	Return Loss	Δ(5Ω)	Δ(Within +/-20%)			
1044	750MHz Head	54.6Ω+0.2jΩ	-27.0	54.4Ω+2.0jΩ	-26.0	R=-0.2Ω, X=1.8jΩ	-3.7%	22°C	2020/8/15	Zeng yongguang

Impedance Test-Head	Return Loss Test-Head
	

Self-confirmation results:

■ After self-confirmation, the performance meets the requirements and can continue to be used. (PASS)

□ After self-confirmation, the performance exceeds the deviation, and suspend to use. (Fail)

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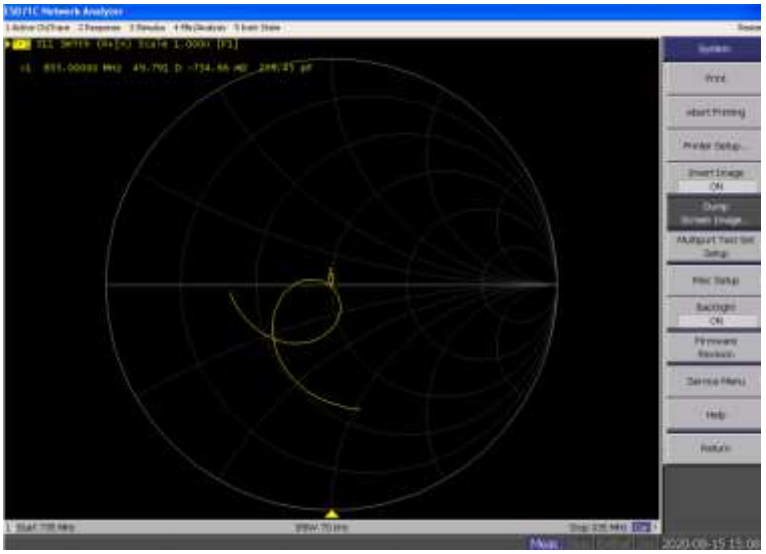
Justification of the extended calibration of Dipole D835V2 SN:4d126

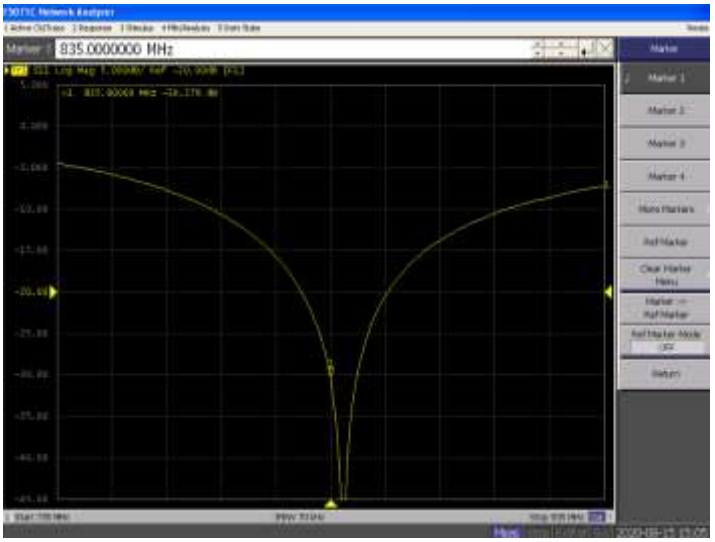
Per KDB 865664, we have Measured the Impedance and Return Loss as below, and the return loss is <-20dB, with 20% of prior calibration; the real or imaginary parts of the impedance is with 5 ohm of prior calibration. Therefore the verification result should support extended calibration.

Dipole SN	Tissue Type	Target Tissue		Measured Tissue		Deviation		Ambiet Temp	Test Date	Test Engineer
		Impedance transformed to feed point	Return Loss(dB)	Impedance transformed to feed point	Return Loss	Δ(5Ω)	Δ(With in +/- 20%)			
4d126	835MHz Head	49.5Ω-1.9jΩ	-34.3	49.8Ω-0.7jΩ	-30.3	R=0.3Ω, X=1.2jΩ	-11.7%	22°C	2020/8/15	Zeng yongguang
4d126	835MHz Body	45.4Ω-0.4jΩ	-26.3	48.4Ω-4.5jΩ	-26.6	R=3.0Ω, X=-4.1jΩ	1.1%	22°C	2020/8/15	Zeng yongguang

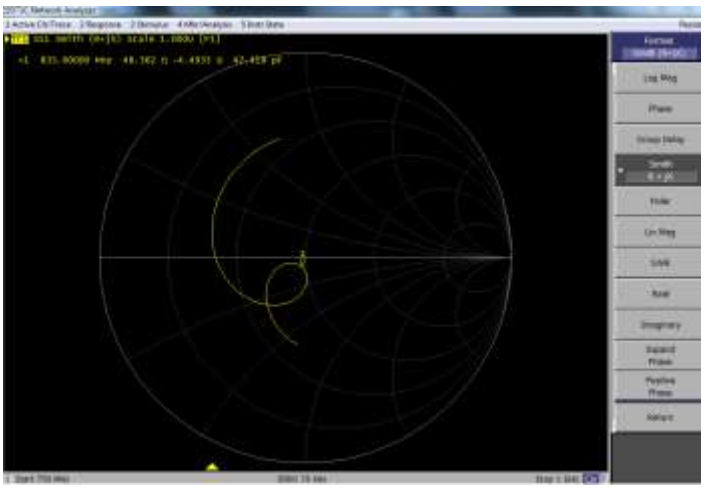
Impedance Test-Head



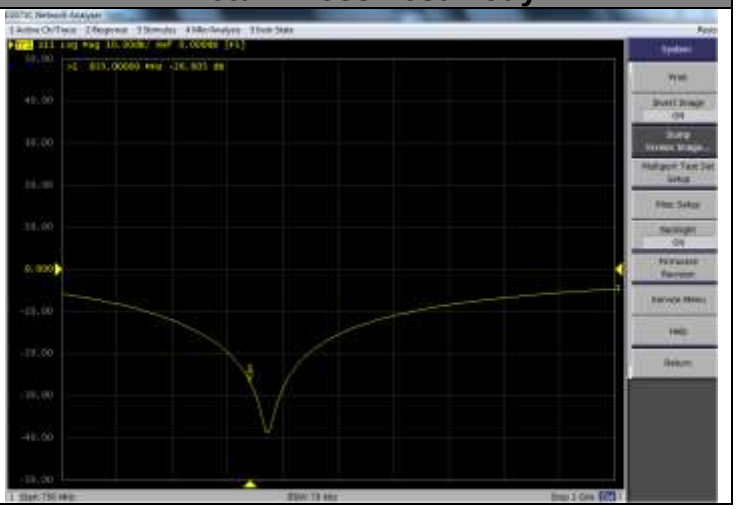
Return Loss Test-Head



Impedance Test-Body



Return Loss Test-Body



Self-confirmation results:

■ After self-confirmation, the performance meets the requirements and can continue to be used. (PASS)

□ After self-confirmation, the performance exceeds the deviation, and suspend to use. (Fail)

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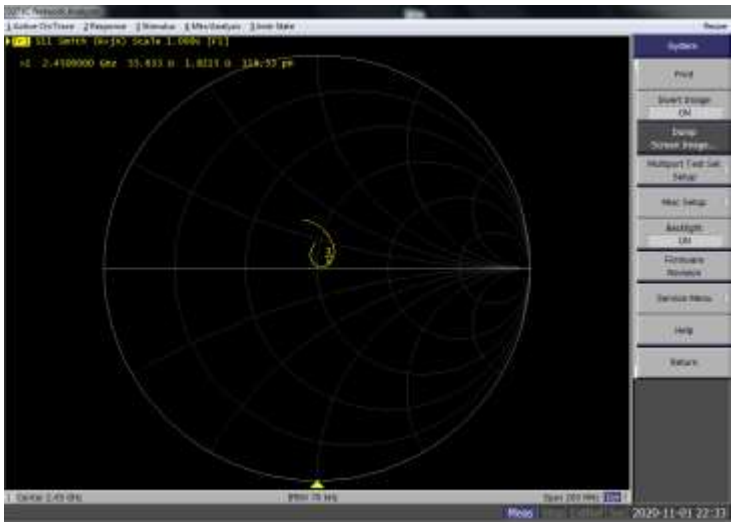
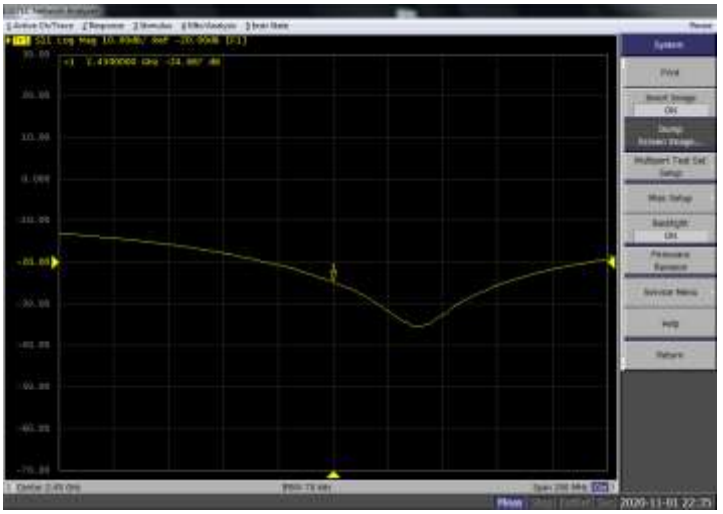
Justification of the extended calibration of Dipole D2450V2 SN:860

Per KDB 865664, 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.

Dipole SN	Tissue Type	Target Tissue		Measured Tissue		Deviation		Ambient Temp	Test Date	Test Engineer
		Impedance transformed to feed point	Return Loss(dB)	Impedance transformed to feed point	Return Loss(dB)	Δ(5Ω)	Δ(Within +/-20%)			
860	2450MHz Head	55.0Ω+4.0jΩ	-24.3	55.6Ω+1.8jΩ	-24.7	R=0.6Ω, X=-2.2jΩ	1.6%	22°C	2020/11/01	Zeng yongguang

Impedance Test-Head	Return Loss Test-Head
	

Self-confirmation results:

■ After self-confirmation, the performance meets the requirements and can continue to be used. (PASS)

□ After self-confirmation, the performance exceeds the deviation, and suspend to use. (Fail)

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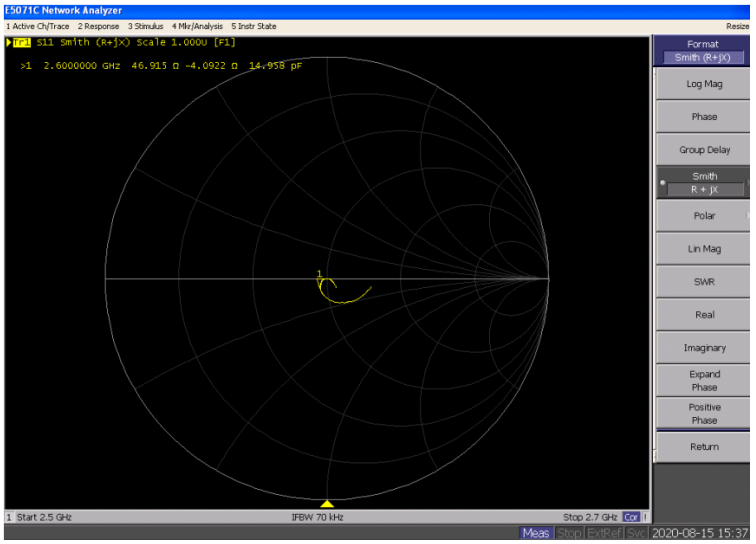
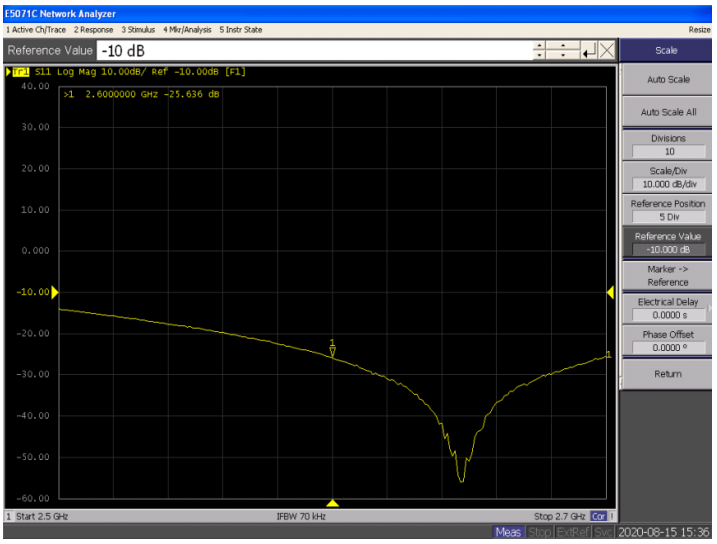
Justification of the extended calibration of Dipole D2600V2 SN:1032

Per KDB 865664, 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.

Dipole SN	Tissue Type	Target Tissue		Measured Tissue		Deviation		Ambient Temp	Test Date	Test Engineer
		Impedance transformed to feed point	Return Loss(dB)	Impedance transformed to feed point	Return Loss(dB)	Δ(5Ω)	Δ(Within +/-20%)			
1032	2600MHz Head	49.9Ω-5.0jΩ	-26.0	46.9Ω-4.1jΩ	-25.6	R=-3.0Ω, X=0.9jΩ	-1.5%	22°C	2020/8/15	Zeng yongguang

Impedance Test-Head	Return Loss Test-Head
	

Self-confirmation results:

■ After self-confirmation, the performance meets the requirements and can continue to be used. (PASS)

□ After self-confirmation, the performance exceeds the deviation, and suspend to use. (Fail)

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