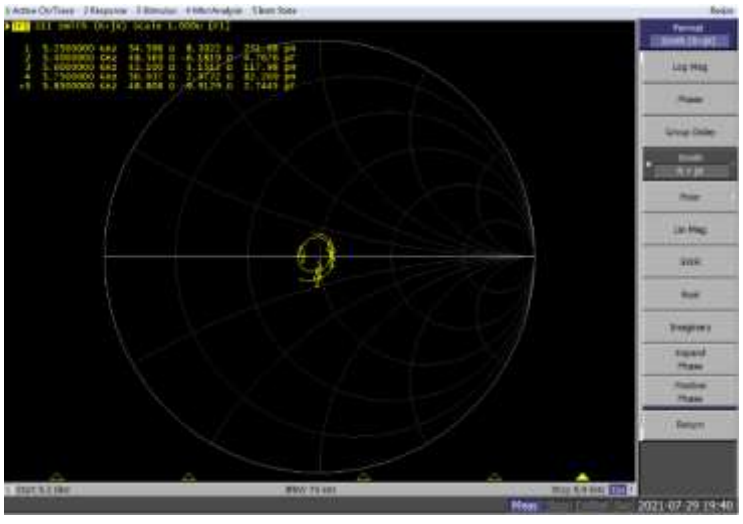
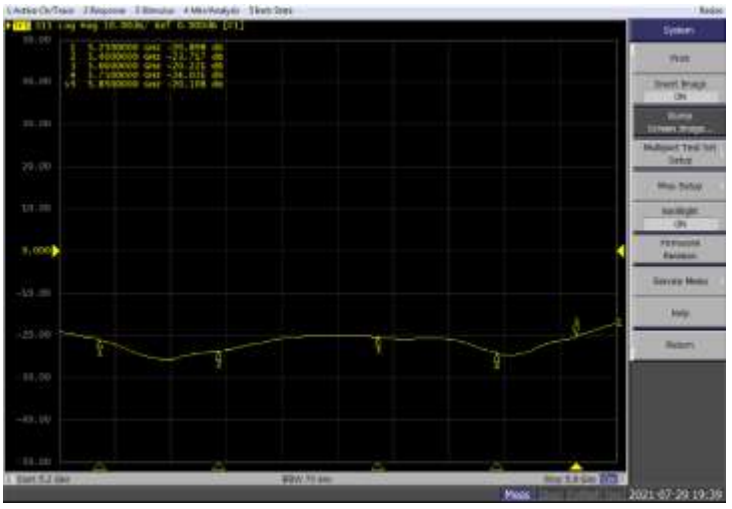
Justification of the extended calibration of Dipole D5GHzV2 SN:1155

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%)			
1155	5250MHz Head	49.5Ω-8.9jΩ	-21.0	54.4Ω-8.3jΩ	-20.9	R=4.9Ω, X=0.6jΩ	-0.5%	22°C	2021/7/29	Zeng yongguang
1155	5400MHz Head	47.6Ω-1.9jΩ	-28.2	48.6Ω-6.1jΩ	-23.7	R=1.0Ω, X=-4.2jΩ	-16.0%	22°C	2021/7/29	Zeng yongguang
1155	5600MHz Head	53.2Ω+6.4jΩ	-20.4	52.1Ω+4.2jΩ	-20.2	R=-1.1Ω, X=-2.2jΩ	-1.0%	22°C	2021/7/29	Zeng yongguang
1155	5750MHz Head	55.4Ω-5.5jΩ	-22.7	56.0Ω-3.0jΩ	-24.0	R=0.6Ω, X=2.5jΩ	5.7%	22°C	2021/7/29	Zeng yongguang
1155	5850MHz Head	51.3Ω-5.6jΩ	-24.9	48.8Ω-9.9jΩ	-20.1	R=-2.5Ω, X=-4.3jΩ	-19.3%	22°C	2021/7/29	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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