

Appendix . SAR system validation

Per KDB 865664D02v01r01, SAR system validation status and system verification results should be documented in a separate section of the SAR report, or as an attachment, to confirm measurement accuracy. SAR measurement systems are validated according to procedures in KDB 865664 (D01). While detailed system validation results are not required in the SAR report, the validation status should be documented according to the validation date(s), measurement frequencies, SAR probes and tissue dielectric parameters. When multiple SAR systems are used to test a device, the validation status of each SAR system must be documented separately according to the associated system components. System validation status should be documented in a tabulated summary.

Table: SAR system validation summary

Freq(MHz)		835
DATE		2013/11/04
Probe SN		3168
Probe type		ES3DV3
Probe Calibration Point		850
Tissue Type		Body
ϵ_r		53.31
σ (S/m)		0.9618
CW validation	Sensitivity	PASS
	Probe linearity	PASS
	Probe Isotropy	PASS
Mod validation	MOD.type	GMSK
	Duty factor	PASS
	PAR	NA

Freq(MHz)		1900
DATE		2013/11/04
Probe SN		3168
Probe type		ES3DV3
Probe Calibration Point		1900
Tissue Type		Body
ϵ_r		51.64
σ (S/m)		1.555
CW validation	Sensitivity	PASS
	Probe linearity	PASS
	Probe Isotropy	PASS
Mod validation	MOD.type	GMSK
	Duty factor	PASS
	PAR	NA