

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)		2450	5200	5500	5800
DATE		2013/6/1	2013/6/3	2013/6/3	2013/6/3
Probe SN		3898	3736	3736	3736
Probe type		EX3DV4	EX3DV4	EX3DV4	EX3DV4
Probe Calibration Point		2450	5200	5500	5800
Tissue Type		Body	Body	Body	Body
ϵ_r		51.244	45.610	47.120	47.250
σ (S/m)		1.962	5.273	5.620	6.512
CW validation	Sensitivity	PASS	PASS	PASS	PASS
	Probe linearity	PASS	PASS	PASS	PASS
	Probe Isotropy	PASS	PASS	PASS	PASS
Mod validation	MOD.type	OFDM	OFDM	OFDM	OFDM
	Duty factor	NA	NA	NA	NA
	PAR	PASS	PASS	PASS	PASS