



Appendix D. SAR System Validation

SAR measurement systems are validated according to procedures in KDB 865664 (D01), and the validation status is tabulated below according to the validation date(s), measurement frequencies, SAR probes, calibrated signal type(s) and tissue dielectric parameters.

SAR Lab	FREQ. [MHz]	Probe	Probe SN	Probe CAL. Parameter		COND.	PERM.	CW Validation			Additional Validation			Date
						(σ)	(ϵ_r)	Sensitivity	Probe Linearity	Probe Isotropy	Modulation Type	Duty Factor	PAR	
#01	835	EX3DV4	3661	835	Head	0.910	40.768	Pass	Pass	Pass	GMSK	Pass	N/A	04/22/2014
#01	835	EX3DV4	3661	835	Body	0.979	54.510	Pass	Pass	Pass	GMSK	Pass	N/A	04/22/2014
#01	1900	EX3DV4	3661	1900	Head	1.445	38.932	Pass	Pass	Pass	GMSK	Pass	N/A	04/24/2014
#01	1900	EX3DV4	3661	1900	Body	1.542	54.561	Pass	Pass	Pass	GMSK	Pass	N/A	04/24/2014
#01	2450	EX3DV4	3661	2450	Head	1.856	37.685	Pass	Pass	Pass	OFDM	N/A	Pass	04/21/2014
#01	2450	EX3DV4	3661	2450	Body	1.951	53.859	Pass	Pass	Pass	OFDM	N/A	Pass	04/21/2014
#01	2600	EX3DV4	3661	2600	Head	1.928	40.054	Pass	Pass	Pass	QPSK/16QAM	Pass	N/A	04/24/2014
#01	2600	EX3DV4	3661	2600	Body	2.173	53.52	Pass	Pass	Pass	QPSK/16QAM	Pass	N/A	04/24/2014
#01	5200	EX3DV4	3661	5200	Head	4.74	37.021	Pass	Pass	Pass	OFDM	N/A	Pass	04/25/2014
#01	5300	EX3DV4	3661	5300	Head	4.74	36.779	Pass	Pass	Pass	OFDM	N/A	Pass	04/25/2014
#01	5600	EX3DV4	3661	5600	Head	4.97	36.544	Pass	Pass	Pass	OFDM	N/A	Pass	04/26/2014
#01	5800	EX3DV4	3661	5800	Head	5.17	35.832	Pass	Pass	Pass	OFDM	N/A	Pass	04/26/2014