



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	3819	835	Head	0.933	41.235	Pass	Pass	Pass	GMSK	Pass	N/A	01/17/2015
#01	835	EX3DV4	3819	835	Body	0.988	55.07	Pass	Pass	Pass	GMSK	Pass	N/A	01/17/2015
#01	1900	EX3DV4	3819	1900	Head	1.421	41.03	Pass	Pass	Pass	GMSK	Pass	N/A	01/18/2015
#01	1900	EX3DV4	3819	1900	Body	1.532	54.778	Pass	Pass	Pass	GMSK	Pass	N/A	01/18/2015
#01	2450	EX3DV4	3819	2450	Head	1.852	39.832	Pass	Pass	Pass	OFDM	N/A	Pass	01/19/2015
#01	2450	EX3DV4	3819	2450	Body	1.932	53.45	Pass	Pass	Pass	OFDM	N/A	Pass	01/19/2015
#01	2600	EX3DV4	3819	2600	Head	1.923	40.214	Pass	Pass	Pass	QPSK/16QAM	Pass	N/A	01/20/2015
#01	2600	EX3DV4	3819	2600	Body	2.174	53.53	Pass	Pass	Pass	QPSK/16QAM	Pass	N/A	01/20/2015
#01	5200	EX3DV4	3819	5200	Head	4.75	37.031	Pass	Pass	Pass	OFDM	N/A	Pass	01/24/2015
#01	5200	EX3DV4	3819	5200	Head	5.34	50.56	Pass	Pass	Pass	OFDM	N/A	Pass	01/24/2015
#01	5300	EX3DV4	3819	5300	Head	4.79	36.789	Pass	Pass	Pass	OFDM	N/A	Pass	01/25/2015
#01	5300	EX3DV4	3819	5300	Head	5.4	50.8	Pass	Pass	Pass	OFDM	N/A	Pass	01/25/2015
#01	5600	EX3DV4	3819	5600	Head	5.23	36.220	Pass	Pass	Pass	OFDM	N/A	Pass	01/26/2015
#01	5600	EX3DV4	3819	5600	Head	5.76	49.92	Pass	Pass	Pass	OFDM	N/A	Pass	01/26/2015
#01	5800	EX3DV4	3819	5800	Head	5.45	35.762	Pass	Pass	Pass	OFDM	N/A	Pass	01/27/2015
#01	5800	EX3DV4	3819	5800	Head	6.07	49.6	Pass	Pass	Pass	OFDM	N/A	Pass	01/27/2015