Appendix E. 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			Modulation Validation			Date
						(σ)	(εr)	Sensitivity	Probe Linearity	Probe Isotropy	Modulation Type	Duty Factor	PAR	
01	750	ES3DV3	3270	750	Body	0.944	53.930	Pass	Pass	Pass	N/A	N/A	N/A	09/05/2016
	835	ES3DV3	3270	835	Body	0.978	53.389	Pass	Pass	Pass	GMSK	Pass	N/A	09/05/2016
	2600	ES3DV3	3270	2600	Body	2.106	50.643	Pass	Pass	Pass	TDD	Pass	N/A	09/05/2016

SAR Lab	FREQ. [MHz]	Probe	Probe SN	Probe CAL. Parameter		COND.	PERM.	CW Validation			Modulation Validation			Date
						(σ)	(εr)	Sensitivity	Probe Linearity	Probe Isotropy	Modulation Type	Duty Factor	PAR	
02	750	EX3DV4	3697	750	Body	0.960	54.810	Pass	Pass	Pass	N/A	N/A	N/A	11/09/2016
	835	EX3DV4	3697	835	Body	0.963	54.540	Pass	Pass	Pass	GMSK	Pass	N/A	11/09/2016
	2450	EX3DV4	3697	2450	Body	2.225	50.688	Pass	Pass	Pass	OFDM	Pass	N/A	11/09/2016

SAR Lab	FREQ. [MHz]	Probe	Probe SN	Probe CAL. Parameter		COND.	PERM.	CW Validation			Modulation Validation			Date
						(σ)	(εr)	Sensitivity	Probe Linearity	Probe Isotropy	Modulation Type	Duty Factor	PAR	
03	1750	EX3DV4	3925	1750	Body	1.536	52.111	Pass	Pass	Pass	N/A	N/A	N/A	06/04/2016
	1900	EX3DV4	3925	1900	Body	1.511	52.322	Pass	Pass	Pass	GMSK	Pass	N/A	06/04/2016

SAR Lab	FREQ. [MHz]	Probe	Probe SN	Probe CAL. Parameter		COND.	PERM.	CW Validation			Modulation Validation			Date
						(σ)	(εr)	Sensitivity	Probe Linearity	Probe Isotropy	Modulation Type	Duty Factor	PAR	
04	5250	EX3DV4	3898	5250	Body	5.438	47.912	Pass	Pass	Pass	OFDM	NA	N/A	06/16/2016
	5600	EX3DV4	3898	5600	Body	5.895	47.321	Pass	Pass	Pass	OFDM	NA	N/A	06/16/2016
	5750	EX3DV4	3898	5750	Body	6.111	47.085	Pass	Pass	Pass	OFDM	NA	N/A	06/16/2016