



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	
#06	835	ES3DV4	3935	835	Head	0.885	41.821	Pass	Pass	Pass	GMSK	Pass	N/A	12/05/2015
#06	1900	ES3DV4	3935	1900	Head	1.432	41.192	Pass	Pass	Pass	GMSK	Pass	N/A	12/05/2015
#06	2450	ES3DV4	3955	2450	Head	1.726	38.946	Pass	Pass	Pass	OFDM	N/A	Pass	12/13/2015
#06	2600	ES3DV4	3935	2600	Head	1.945	38.197	Pass	Pass	Pass	N/A	N/A	N/A	12/06/2015
#05	5250	ES3DV4	3931	5250	Head	4.617	37.296	Pass	Pass	Pass	OFDM	N/A	Pass	10/20/2015
#03	5300	ES3DV4	3925	5300	Head	4.553	36.894	Pass	Pass	Pass	OFDM	N/A	Pass	06/15/2015
#03	5600	ES3DV4	3925	5600	Head	4.857	36.482	Pass	Pass	Pass	OFDM	N/A	Pass	06/15/2015
#05	5600	ES3DV4	3931	5600	Head	4.972	36.801	Pass	Pass	Pass	OFDM	N/A	Pass	10/20/2015
#03	5800	ES3DV4	3925	5800	Head	5.063	36.199	Pass	Pass	Pass	OFDM	N/A	Pass	06/15/2015
#04	835	ES3DV3	3270	835	Body	0.978	55.729	Pass	Pass	Pass	GMSK	Pass	N/A	10/15/2015
#03	835	ES3DV4	3925	835	Body	0.977	55.912	Pass	Pass	Pass	GMSK	Pass	N/A	06/09/2015
#05	835	ES3DV4	3931	835	Body	0.978	55.729	Pass	Pass	Pass	GMSK	Pass	N/A	10/15/2015
#06	835	ES3DV4	3955	835	Body	0.972	55.117	Pass	Pass	Pass	GMSK	Pass	N/A	12/08/2015
#03	1900	ES3DV4	3925	1900	Body	1.536	51.981	Pass	Pass	Pass	GMSK	Pass	N/A	06/11/2015
#05	1900	ES3DV4	3931	1900	Body	1.562	53.953	Pass	Pass	Pass	GMSK	Pass	N/A	10/19/2015
#04	2450	ES3DV3	3270	2450	Body	1.992	54.142	Pass	Pass	Pass	OFDM	N/A	Pass	10/17/2015
#06	2450	ES3DV4	3955	2450	Body	1.931	51.968	Pass	Pass	Pass	OFDM	N/A	Pass	12/13/2015
#03	2600	ES3DV4	3925	2600	Body	2.189	54.086	Pass	Pass	Pass	N/A	N/A	N/A	06/12/2015
#05	5250	ES3DV4	3931	5250	Body	5.477	46.674	Pass	Pass	Pass	OFDM	N/A	Pass	10/17/2015
#03	5300	ES3DV4	3925	5300	Body	5.574	46.987	Pass	Pass	Pass	OFDM	N/A	Pass	06/15/2015
#03	5600	ES3DV4	3925	5600	Body	5.961	46.457	Pass	Pass	Pass	OFDM	N/A	Pass	06/15/2015
#05	5750	ES3DV4	3931	5750	Body	6.145	45.894	Pass	Pass	Pass	OFDM	N/A	Pass	10/17/2015