

## Appendix E

# SYSTEM VALIDATION

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The SAR System must be validated against its performance specifications before it is deployed. When SAR probes, system components or software are changed, upgraded or recalibrated, these must be validated with the SAR system that operates with such components.

Table E.1 SAR System Validation Summary

FREQUENCY	DATE	PROBE SN	PROBE TYPE	PROBE CAL.POINT	COND.	PERM	CW VALIDATION			MOD.VALIDATION			
					( $\sigma$ )	( $\epsilon_r$ )	SENSITIVITY	PROBE LINEARITY	PROBE ISOTROPY	MOD.T YPE	DUTY FACTOR	PAR	
2450	12/15/2017	EX3DV4	7383	2450	Body	51.94	2.02	PASS	PASS	PASS	OFDM	PASS	PASS
5250	12/15/2017	EX3DV4	7383	5250	Body	48.34	5.42	PASS	PASS	PASS	OFDM	N/A	PASS
5600	12/15/2017	EX3DV4	7383	5600	Body	47.57	5.94	PASS	PASS	PASS	OFDM	N/A	PASS
5750	12/15/2017	EX3DV4	7383	5750	Body	47.3	6	PASS	PASS	PASS	OFDM	N/A	PASS