APPENDIX E: SAR SYSTEM VALIDATION

A tabulated summary of the system validation status including the validation date(s), measurement frequencies, SAR probes and tissue dielectric parameters has been included.

Table E-1
SAR System Validation Summary

SAR System	Freq. (MHz)	Date	Probe SN	DAE	Probe Cal Point		Cond. (σ)	Perm. (εr)	CW VALIDATION			MOD. VALIDATION		
									SENSITIVITY	PROBE LINEARITY	PROBE ISOTROPY	MOD. TYPE	DUTY FACTOR	PAR
AM6	2450	04/01/2024	7499	1644	2450	Head	1.869	40.333	PASS	PASS	PASS	OFDM/TDD	PASS	PASS
AM9	5250	11/14/2023	3746	1237	5250	Head	4.523	36.656	PASS	PASS	PASS	OFDM	N/A	PASS
AM9	5600	11/15/2023	3746	1237	5600	Head	4.925	36.045	PASS	PASS	PASS	OFDM	N/A	PASS
AM9	5750	11/15/2023	3746	1237	5750	Head	5.104	35.790	PASS	PASS	PASS	OFDM	N/A	PASS
AM9	5850	11/15/2023	3746	1237	5850	Head	5.159	35.689	PASS	PASS	PASS	OFDM	N/A	PASS
AM2	6500	11/16/2023	7420	1333	6500	Head	6.061	34.145	PASS	PASS	PASS	OFDM	N/A	PASS

NOTE: While the probes have been calibrated for both CW and modulated signals, all measurements were performed using communication systems calibrated for CW signals only. Modulations in the table above represent test configurations for which the measurement system has been validated per FCC KDB Publication 865664 D01v01r04 for scenarios when CW probe calibrations are used with other signal types. SAR systems were validated for modulated signals with a periodic duty cycle, such as GMSK, or with a high peak to average ratio (>5 dB), such as OFDM according to FCC KDB Publication 865664 D01v01r04