

APPENDIX G: SAR SYSTEM VALIDATION

Per FCC KDB Publication 865664 D02v01r02, SAR system validation status should be documented to confirm measurement accuracy. The SAR systems (including SAR probes, system components and software versions) used for this device were validated against its performance specifications prior to the SAR measurements. Reference dipoles were used with the required tissue- equivalent media for system validation, according to the procedures outlined in FCC KDB Publication 865664 D01v01r04 and IEEE 1528-2013. Since SAR probe calibrations are frequency dependent, each probe calibration point was validated at a frequency within the valid frequency range of the probe calibration point, using the system that normally operates with the probe for routine SAR measurements and according to the required tissue-equivalent media.

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 G-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
M	750	02/13/2026	7406	1677	750	Head	0.879	42.096	PASS	PASS	PASS	N/A	N/A	N/A
G	750	03/18/2026	7570	859	750	Head	0.875	41.390	PASS	PASS	PASS	N/A	N/A	N/A
O	750	03/31/2026	7488	1415	750	Head	0.883	42.245	PASS	PASS	PASS	N/A	N/A	N/A
M	835	02/13/2026	7406	1677	835	Head	0.913	41.760	PASS	PASS	PASS	GMSK	PASS	N/A
G	835	03/18/2026	7570	859	835	Head	0.904	41.143	PASS	PASS	PASS	GMSK	PASS	N/A
O	835	04/01/2026	7488	1415	835	Head	0.909	41.950	PASS	PASS	PASS	GMSK	PASS	N/A
G	1750	03/18/2026	7570	859	1750	Head	1.309	41.676	PASS	PASS	PASS	N/A	N/A	N/A
O	1750	04/01/2026	7488	1415	1750	Head	1.317	40.021	PASS	PASS	PASS	N/A	N/A	N/A
R	1750	04/14/2026	7417	1639	1750	Head	1.315	39.859	PASS	PASS	PASS	N/A	N/A	N/A
O	1900	04/01/2026	7488	1415	1900	Head	1.406	39.727	PASS	PASS	PASS	GMSK	PASS	N/A
R	1900	04/14/2026	7417	1639	1900	Head	1.397	39.624	PASS	PASS	PASS	GMSK	PASS	N/A
N	2300	11/11/2025	7670	1449	2300	Head	1.720	37.788	PASS	PASS	PASS	N/A	N/A	N/A
L	2300	03/30/2026	7539	1450	2300	Head	1.739	38.099	PASS	PASS	PASS	N/A	N/A	N/A
O	2300	04/01/2026	7488	1415	2300	Head	1.669	39.591	PASS	PASS	PASS	N/A	N/A	N/A
O	2450	04/01/2026	7488	1415	2450	Head	1.786	39.349	PASS	PASS	PASS	OFDM/TDD	PASS	PASS
L	2600	03/30/2026	7539	1450	2600	Head	1.979	37.568	PASS	PASS	PASS	TDD	PASS	N/A
O	2600	04/01/2026	7488	1415	2600	Head	1.907	39.071	PASS	PASS	PASS	TDD	PASS	N/A
J	3500	05/12/2026	7659	1272	3500	Head	2.797	39.645	PASS	PASS	PASS	TDD	PASS	N/A
J	3700	05/12/2026	7659	1272	3700	Head	2.978	39.242	PASS	PASS	PASS	TDD	PASS	N/A
J	3900	05/12/2026	7659	1272	3900	Head	3.205	38.936	PASS	PASS	PASS	TDD	PASS	N/A

NOTE: The probes have been calibrated for both CW and modulated signals. 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 D01v01r0.

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