

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. (ε _r)	CW VALIDATION			MOD. VALIDATION		
									SENSITIVITY	PROBE LINEARITY	PROBE ISOTROPY	MOD. TYPE	DUTY FACTOR	PAR
G	13	04/03/2026	7570	859	13	Head	0.757	53.089	PASS	PASS	PASS	N/A	N/A	N/A
S7	750	01/07/2026	7409	1333	750	Head	0.889	42.972	PASS	PASS	PASS	N/A	N/A	N/A
S1	750	02/19/2026	7637	1652	750	Head	0.884	43.224	PASS	PASS	PASS	N/A	N/A	N/A
S7	835	01/07/2026	7409	1333	835	Head	0.889	42.972	PASS	PASS	PASS	GMSK	PASS	N/A
S1	835	02/13/2026	7637	1652	835	Head	0.907	40.639	PASS	PASS	PASS	GMSK	PASS	N/A
S6	835	02/19/2026	7803	1583	835	Head	0.919	41.671	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
M	1750	02/16/2026	7406	1677	1750	Head	1.362	40.340	PASS	PASS	PASS	N/A	N/A	N/A
G	1750	03/18/2026	7570	859	1750	Head	1.309	41.676	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
J	1900	02/18/2026	7660	1678	1900	Head	1.390	40.844	PASS	PASS	PASS	GMSK	PASS	N/A
S6	1900	02/19/2026	7803	1583	1900	Head	1.378	39.397	PASS	PASS	PASS	GMSK	PASS	N/A
G	1900	03/18/2026	7570	859	1900	Head	1.402	41.380	PASS	PASS	PASS	GMSK	PASS	N/A
R	1900	04/14/2026	7417	1639	1901	Head	1.397	39.624	PASS	PASS	PASS	GMSK	PASS	N/A
N	2450	01/20/2026	7670	1449	2450	Head	1.789	40.548	PASS	PASS	PASS	OFDM/TDD	PASS	PASS
L	2450	03/30/2026	7539	1450	2450	Head	1.856	37.819	PASS	PASS	PASS	OFDM/TDD	PASS	PASS
S2	2600	10/17/2025	7402	1502	2600	Head	1.904	39.462	PASS	PASS	PASS	TDD	PASS	N/A
N	2600	11/12/2025	7670	1449	2600	Head	1.943	37.273	PASS	PASS	PASS	TDD	PASS	N/A
S2	2600	05/06/2026	7640	1645	2600	Head	1.945	40.108	PASS	PASS	PASS	TDD	PASS	N/A
S2	3500	09/08/2025	7402	1502	3500	Head	2.793	39.650	PASS	PASS	PASS	TDD	PASS	N/A
S2	3700	09/08/2025	7402	1502	3700	Head	2.996	39.144	PASS	PASS	PASS	TDD	PASS	N/A
S2	3900	09/09/2025	7402	1502	3900	Head	3.178	38.840	PASS	PASS	PASS	TDD	PASS	N/A
S	5250	02/10/2026	7661	1558	5250	Head	4.503	35.585	PASS	PASS	PASS	OFDM	N/A	PASS
S	5600	02/10/2026	7661	1558	5600	Head	4.853	34.977	PASS	PASS	PASS	OFDM	N/A	PASS
S	5750	02/11/2026	7661	1558	5750	Head	5.219	34.654	PASS	PASS	PASS	OFDM	N/A	PASS
S	5850	02/11/2026	7661	1558	5850	Head	5.188	34.460	PASS	PASS	PASS	OFDM	N/A	PASS
R	6500	02/02/2026	7713	1639	6500	Head	5.880	33.900	PASS	PASS	PASS	OFDM	N/A	PASS

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 D01v01r04.

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