

## 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
E	750	07/03/2024	7409	1334	750	Head	0.874	40.822	PASS	PASS	PASS	N/A	N/A	N/A
C	750	02/20/2025	7713	1530	750	Head	0.867	42.371	PASS	PASS	PASS	N/A	N/A	N/A
F	750	05/12/2025	7670	1450	751	Head	0.883	42.062	PASS	PASS	PASS	N/A	N/A	N/A
G	750	06/04/2025	7488	1415	750	Head	0.870	40.461	PASS	PASS	PASS	N/A	N/A	N/A
C	835	02/19/2025	7713	1530	835	Head	0.899	42.119	PASS	PASS	PASS	GMSK	PASS	N/A
F	835	05/12/2025	7670	1450	836	Head	0.912	41.816	PASS	PASS	PASS	GMSK	PASS	N/A
G	835	06/04/2025	7488	1415	835	Head	0.898	40.223	PASS	PASS	PASS	GMSK	PASS	N/A
J	1750	08/27/2024	7406	1677	1750	Head	1.354	40.343	PASS	PASS	PASS	N/A	N/A	N/A
C	1750	02/13/2025	7713	1530	1750	Head	1.347	39.503	PASS	PASS	PASS	N/A	N/A	N/A
G	1750	04/03/2025	7488	1415	1750	Head	1.329	38.379	PASS	PASS	PASS	N/A	N/A	N/A
L	1900	06/20/2024	7660	1678	1900	Head	1.437	40.448	PASS	PASS	PASS	GMSK	PASS	N/A
C	1900	02/13/2025	7713	1530	1900	Head	1.435	39.303	PASS	PASS	PASS	GMSK	PASS	N/A
H	1900	03/04/2025	7417	665	1900	Head	1.435	38.943	PASS	PASS	PASS	GMSK	PASS	N/A
G	1900	04/03/2025	7488	1415	1900	Head	1.413	38.210	PASS	PASS	PASS	GMSK	PASS	N/A
L	1900	06/02/2025	7659	1272	1900	Head	1.341	39.242	PASS	PASS	PASS	GMSK	PASS	N/A
E	2300	07/01/2024	7409	1334	2300	Head	1.799	37.831	PASS	PASS	PASS	N/A	N/A	N/A
H	2300	03/04/2025	7417	665	2300	Head	1.736	40.439	PASS	PASS	PASS	N/A	N/A	N/A
E	2450	07/01/2024	7409	1334	2450	Head	1.799	37.831	PASS	PASS	PASS	OFDM/TDD	PASS	PASS
P	2450	02/03/2025	7571	859	2450	Head	1.851	39.417	PASS	PASS	PASS	OFDM/TDD	PASS	PASS
C	2450	02/19/2025	7713	1530	2450	Head	1.842	39.147	PASS	PASS	PASS	OFDM/TDD	PASS	PASS
G	2450	04/09/2025	7488	1415	2450	Head	1.867	39.580	PASS	PASS	PASS	OFDM/TDD	PASS	PASS
J	2600	08/29/2024	7406	1677	2600	Head	1.952	39.478	PASS	PASS	PASS	TDD	PASS	N/A
C	2600	02/19/2025	7713	1530	2600	Head	1.967	38.891	PASS	PASS	PASS	TDD	PASS	N/A
G	2600	04/09/2025	7488	1415	2600	Head	1.990	39.325	PASS	PASS	PASS	TDD	PASS	N/A
E	3500	07/31/2024	7409	1334	3500	Head	2.804	39.460	PASS	PASS	PASS	TDD	PASS	N/A
H	3500	03/03/2025	7417	665	3500	Head	2.810	38.407	PASS	PASS	PASS	TDD	PASS	N/A
E	3700	07/31/2024	7409	1334	3700	Head	2.994	39.120	PASS	PASS	PASS	TDD	PASS	N/A
H	3700	03/03/2025	7417	665	3700	Head	3.010	38.055	PASS	PASS	PASS	TDD	PASS	N/A
E	3900	07/31/2024	7409	1334	3900	Head	3.200	38.797	PASS	PASS	PASS	TDD	PASS	N/A
H	3900	03/03/2025	7417	665	3900	Head	3.213	37.710	PASS	PASS	PASS	TDD	PASS	N/A
S	5250	07/19/2024	7803	1583	5250	Head	4.685	35.198	PASS	PASS	PASS	OFDM	N/A	PASS
S	5600	07/19/2024	7803	1583	5600	Head	5.085	34.550	PASS	PASS	PASS	OFDM	N/A	PASS
S	5750	07/19/2024	7803	1583	5750	Head	5.262	34.250	PASS	PASS	PASS	OFDM	N/A	PASS
S	5850	07/19/2024	7803	1583	5850	Head	5.380	34.060	PASS	PASS	PASS	OFDM	N/A	PASS
R	6500	02/27/2025	7570	1638	6500	Head	5.868	34.355	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.

FCC ID: C3K00002102A, C3K2119	RF Exposure Part 1 Test Report	Approved by: Technical Manager
DUT Type: Modular Approval - Host Integration (Portable Computing Device)		APPENDIX G: Page 1 of 1