

APPENDIX G: SAR SYSTEM VALIDATION

FCC ID: BCG-A3579	RF EXPOSURE REPORT		Approved by: Technical Manager
DUT Type: Watch		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.	APPENDIX G: Page 1 of 2

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 – 1g and 10g

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
AM14	13	11/18/2025	7782	1646	13	HEAD	0.761	52.998	PASS	PASS	PASS	N/A	N/A	N/A
AM10	750	04/09/2026	7421	604	750	HEAD	0.871	43.094	PASS	PASS	PASS	N/A	N/A	N/A
AM10	835	03/30/2026	7421	604	835	HEAD	0.883	43.254	PASS	PASS	PASS	GMSK	PASS	N/A
AM13	1640	03/18/2026	7499	1465	1640	HEAD	1.266	40.626	PASS	PASS	PASS	N/A	N/A	N/A
AM15	1750	01/29/2026	3746	1237	1750	HEAD	1.413	38.398	PASS	PASS	PASS	N/A	N/A	N/A
AM13	1900	03/12/2026	7499	1465	1900	HEAD	1.387	39.479	PASS	PASS	PASS	N/A	N/A	N/A
AM16	2450	03/31/2026	7551	1323	2450	HEAD	1.806	37.927	PASS	PASS	PASS	OFDM/TDD	PASS	PASS
AM11	2450	03/12/2026	7427	1402	2450	HEAD	1.766	39.576	PASS	PASS	PASS	OFDM/TDD	PASS	PASS
AM7	2450	04/23/2026	3837	793	2450	HEAD	1.873	39.028	PASS	PASS	PASS	OFDM/TDD	PASS	PASS
AM7	2600	04/23/2026	3837	793	2600	HEAD	2.051	38.385	PASS	PASS	PASS	TDD	PASS	N/A
AM11	2600	03/12/2026	7427	1402	2600	HEAD	1.895	39.270	PASS	PASS	PASS	TDD	PASS	N/A
AM16	2600	03/31/2026	7551	1323	2600	HEAD	1.976	37.361	PASS	PASS	PASS	TDD	PASS	N/A
AM8	5250	01/22/2026	7490	1644	5250	HEAD	4.713	36.397	PASS	PASS	PASS	OFDM	N/A	PASS
AM8	5600	01/22/2026	7490	1644	5600	HEAD	5.140	35.675	PASS	PASS	PASS	OFDM	N/A	PASS
AM8	5750	01/22/2026	7490	1644	5750	HEAD	5.325	35.390	PASS	PASS	PASS	OFDM	N/A	PASS
AM8	5850	01/22/2026	7490	1644	5850	HEAD	5.449	35.193	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

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