

## SAR SYSTEM VALIDATION

Per FCC KDB 865664 D02, 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 865664 D01 and IEEE 1528-2013. Since SAR probe calibrations are frequency dependent, each 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.

| Fre.<br>(MHz) | Probe<br>Mode | Probe<br>Serial<br>No. | Probe<br>Cal.<br>Point<br>(MHz) | Liquid<br>Type | Meas.<br>Liquid<br>Cond.<br>( $\sigma$ ) | Meas.<br>Liquid<br>Perm.<br>( $\epsilon$ ) | CW Validation    |                |               | Modulation Validation |                |      | Date       |
|---------------|---------------|------------------------|---------------------------------|----------------|------------------------------------------|--------------------------------------------|------------------|----------------|---------------|-----------------------|----------------|------|------------|
|               |               |                        |                                 |                |                                          |                                            | Sensiti<br>-vity | Linear-<br>ity | Isotrop<br>-y | Modu.<br>Type         | Duty<br>Factor | PAR  |            |
| 2450          | EX3DV4        | 7510                   | 2450                            | Body           | 1.93                                     | 53.05                                      | Pass             | Pass           | Pass          | OFDM                  | Pass           | Pass | 2018.08.14 |
| 5250          | EX3DV4        | 7510                   | 5250                            | Body           | 5.29                                     | 48.59                                      | Pass             | Pass           | Pass          | OFDM                  | N/A            | Pass | 2018.08.15 |
| 5600          | EX3DV4        | 7510                   | 5600                            | Body           | 5.73                                     | 48.22                                      | Pass             | Pass           | Pass          | OFDM                  | N/A            | Pass | 2018.08.15 |
| 5750          | EX3DV4        | 7510                   | 5750                            | Body           | 5.88                                     | 48.11                                      | Pass             | Pass           | Pass          | OFDM                  | N/A            | Pass | 2018.08.15 |