COMPATIBLE ELECTRONICS
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1: SAR: Maximum conducted RF power is given in the EMC test report as 19.97 dBm. The SAR report states the maximum conducted RF power is 19.3 dBm. The RF power at which SAR is tested must be equal to or greater than (within 5%) the power given in the EMC test report. Please explain.

Response: During the test measurement, the calculation of the cable loss was not taken into account with the number inserted into the report. The cable and solder connection had a total of 0.6 dB loss. The attached revised report has the cable loss included in the conducted measurements.

2: SAR: Please include an outline of the device on the SAR area scan plots

Response: The revised report attached has the outline of the device on each of the area scan plots.

3: SAR Dipole Calibration, The model number for the dipole seems to suggest a 2.45GHz dipole was used, however the system validation results indicate data at 1900 MHz. Please comment / explain.

Response: This was a typographical error in the report. The system validation was conducted at 2.45 GHz, and the table was incorrectly labeled. The attached report has a revised dipole calibration report with the tables corrected.

4: SAR The EUT appears to include two transmit antennas. It appears that only one of these antennas was tested for SAR. Please comment.

Response: The second antenna is for paging only. The duty cycle of the paging channel is 16us on every 3 seconds. Due to the extremely low effective power, SAR testing is not required.

5: Please provide a sample frequency hopping sequence or provide an outline of the algorithm used to select the sequence.

Response: The Frequency Hopping Sequence will be uploaded along with a brief explanation of the frequency hopping sequence.

6: Please confirm that all channels are used equally on average.

Response: As the hopping sequence cycles, every frequency is equally on average, resulting in even usage across the band. See the Frequency Hopping Sequence exhibit.

7: User Manual: There is no statement in the user manual regarding using only approved body worn accessories. While the device was tested at zero separation, there should still be a warning no to use a body worn accessory that would contain metal.

Response: The Owner's Manual has been revised to include a statement about body worn accessories.