



FCC SAR TEST REPORT

Report No. : FA082114A

| Band | Antenna | Position | EN-DC + WLAN NR | | | LTE | | | 5G | | | | | | | | | Summed | | | | | | | | | | |
|------------------------|-------------|----------|-----------------|------|-------|------|-------|------|-------|-------|-------|-------|-------|---------|-----------|-----------|---------|---------|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0+1 | 0+1+6+7 | 0+1+2+5+9 | 0+1+3+4+8 | 0+1+7+8 | 0+1+7+9 | 0+1+5+8 | 0+1+4+9 | | | | | | | | |
| LTE Band 12 / 17_Ant 0 | Bottom side | 24.5 | 22.0 | 25.5 | 0.405 | 23.0 | 0.228 | | | | | | | | | | | | 0.228 | 0.228 | 0.228 | 0.228 | 0.228 | 0.228 | 0.228 | 0.228 | 0.228 | |
| | | 24.5 | 0.447 | 22.0 | 0.251 | 25.5 | 0.223 | 25.5 | 0.223 | 0.158 | 0.319 | 0.115 | 0.214 | 0.276 | 0.201 | 0.083 | 0.061 | | 0.474 | 0.951 | 0.907 | 0.991 | 0.758 | 0.736 | 0.771 | 0.650 | 0.650 | |
| | | 24.5 | 0.465 | 22.0 | 0.261 | 25.5 | 0.317 | 25.5 | 0.317 | 0.221 | 0.286 | 0.173 | 0.350 | 0.230 | 0.399 | 0.096 | 0.055 | | 0.578 | 1.207 | 1.204 | 1.133 | 1.073 | 1.032 | 1.024 | 0.806 | 0.806 | |
| | | 24.5 | 0.774 | 22.0 | 0.435 | 25.5 | 0.063 | 25.5 | 0.063 | | | | | | | | | | | 0.498 | 0.498 | 0.498 | 0.498 | 0.498 | 0.498 | 0.498 | 0.498 | 0.498 |
| | | 24.5 | | 22.0 | | 25.5 | 0.202 | 25.5 | 0.202 | 0.153 | 0.396 | 0.081 | 0.274 | 0.377 | 0.329 | 0.081 | 0.090 | | 0.202 | 0.908 | 0.719 | 0.760 | 0.612 | 0.621 | 0.498 | 0.557 | 0.373 | |
| | | 24.5 | | 22.0 | | 25.5 | 0.001 | 25.5 | 0.001 | 0.215 | | 0.056 | | 0.364 | 0.073 | 0.084 | | | | 0.001 | 0.438 | 0.216 | 0.141 | 0.158 | 0.074 | 0.085 | 0.057 | 0.057 |
| | | 24.5 | | 22.0 | | 25.5 | 0.179 | 25.5 | 0.179 | | | | | | | | | | | 0.179 | 0.179 | 0.179 | 0.179 | 0.179 | 0.179 | 0.179 | 0.179 | 0.179 |
| LTE Band 66_Ant ENDC | Front | 24.5 | 0.447 | 22.0 | 0.251 | 24.5 | 0.187 | 24.5 | 0.187 | 0.158 | 0.319 | 0.115 | 0.214 | 0.276 | 0.201 | 0.083 | 0.061 | | 0.438 | 0.915 | 0.871 | 0.995 | 0.722 | 0.700 | 0.735 | 0.614 | 0.614 | |
| | | 24.5 | 0.465 | 22.0 | 0.261 | 24.5 | 0.282 | 24.5 | 0.282 | 0.221 | 0.286 | 0.173 | 0.350 | 0.230 | 0.399 | 0.096 | 0.055 | | 0.543 | 1.172 | 1.169 | 1.098 | 1.038 | 0.997 | 0.989 | 0.771 | 0.771 | |
| | | 24.5 | 0.774 | 22.0 | 0.435 | 24.5 | 0.221 | 24.5 | 0.221 | | | | | | | | | | | 0.656 | 0.656 | 0.656 | 0.656 | 0.656 | 0.656 | 0.656 | 0.656 | 0.656 |
| | | 24.5 | | 22.0 | | 24.5 | 0.001 | 24.5 | 0.001 | 0.153 | 0.396 | 0.081 | 0.274 | 0.377 | 0.329 | 0.081 | 0.090 | | 0.001 | 0.707 | 0.518 | 0.559 | 0.411 | 0.420 | 0.356 | 0.172 | 0.172 | |
| | | 24.5 | | 22.0 | | 24.5 | 0.001 | 24.5 | 0.001 | 0.215 | | 0.056 | | 0.364 | 0.073 | 0.084 | | | | 0.001 | 0.438 | 0.216 | 0.141 | 0.158 | 0.074 | 0.085 | 0.057 | 0.057 |
| | | 24.5 | | 22.0 | | 24.5 | 0.179 | 24.5 | 0.179 | | | | | | | | | | | 0.179 | 0.179 | 0.179 | 0.179 | 0.179 | 0.179 | 0.179 | 0.179 | 0.179 |
| | | 24.5 | | 22.0 | | 24.5 | 0.001 | 24.5 | 0.001 | | | | | | | | | | | 0.179 | 0.179 | 0.179 | 0.179 | 0.179 | 0.179 | 0.179 | 0.179 | 0.179 |
| LTE Band 26 / 5_Ant 2 | Front | 24.5 | 0.447 | 22.0 | 0.251 | 25.5 | 0.351 | 25.5 | 0.351 | 0.158 | 0.319 | 0.115 | 0.214 | 0.276 | 0.201 | 0.083 | 0.061 | | 0.602 | 1.079 | 1.035 | 1.119 | 0.886 | 0.864 | 0.899 | 0.778 | 0.778 | |
| | | 24.5 | 0.465 | 22.0 | 0.261 | 25.5 | 0.307 | 25.5 | 0.307 | 0.221 | 0.286 | 0.173 | 0.350 | 0.230 | 0.399 | 0.096 | 0.055 | | 0.568 | 1.197 | 1.194 | 1.123 | 1.063 | 1.022 | 1.014 | 0.796 | 0.796 | |
| | | 24.5 | 0.774 | 22.0 | 0.435 | 25.5 | 0.054 | 25.5 | 0.054 | | | | | | | | | | | 0.489 | 0.489 | 0.489 | 0.489 | 0.489 | 0.489 | 0.489 | 0.489 | 0.489 |
| | | 24.5 | | 22.0 | | 25.5 | 0.133 | 25.5 | 0.133 | 0.153 | 0.396 | 0.081 | 0.274 | 0.377 | 0.329 | 0.081 | 0.090 | | 0.133 | 0.839 | 0.650 | 0.691 | 0.543 | 0.552 | 0.488 | 0.304 | 0.304 | |
| | | 24.5 | | 22.0 | | 25.5 | 0.247 | 25.5 | 0.247 | 0.215 | | 0.056 | | 0.364 | 0.073 | 0.084 | | | | 0.247 | 0.684 | 0.462 | 0.387 | 0.404 | 0.320 | 0.331 | 0.303 | 0.303 |
| | | 24.5 | | 22.0 | | 25.5 | 0.001 | 25.5 | 0.001 | | | | | | | | | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |
| | | 24.5 | | 22.0 | | 25.5 | 0.001 | 25.5 | 0.001 | | | | | | | | | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |
| LTE Band 12 / 17_Ant 2 | Front | 24.5 | 0.447 | 22.0 | 0.251 | 25.5 | 0.089 | 25.5 | 0.089 | 0.158 | 0.319 | 0.115 | 0.214 | 0.276 | 0.201 | 0.083 | 0.061 | | 0.340 | 0.817 | 0.773 | 0.857 | 0.624 | 0.602 | 0.637 | 0.516 | 0.516 | |
| | | 24.5 | 0.465 | 22.0 | 0.261 | 25.5 | 0.076 | 25.5 | 0.076 | 0.221 | 0.286 | 0.173 | 0.350 | 0.230 | 0.399 | 0.096 | 0.055 | | 0.337 | 0.966 | 0.963 | 0.892 | 0.832 | 0.791 | 0.783 | 0.565 | 0.565 | |
| | | 24.5 | 0.774 | 22.0 | 0.435 | 25.5 | 0.001 | 25.5 | 0.001 | | | | | | | | | | | 0.436 | 0.436 | 0.436 | 0.436 | 0.436 | 0.436 | 0.436 | 0.436 | 0.436 |
| | | 24.5 | | 22.0 | | 25.5 | 0.075 | 25.5 | 0.075 | 0.153 | 0.396 | 0.081 | 0.274 | 0.377 | 0.329 | 0.081 | 0.090 | | 0.075 | 0.781 | 0.592 | 0.633 | 0.485 | 0.494 | 0.430 | 0.246 | 0.246 | |
| | | 24.5 | | 22.0 | | 25.5 | 0.065 | 25.5 | 0.065 | 0.215 | | 0.056 | | 0.364 | 0.073 | 0.084 | | | | 0.065 | 0.502 | 0.280 | 0.205 | 0.222 | 0.138 | 0.149 | 0.121 | 0.121 |
| | | 24.5 | | 22.0 | | 25.5 | 0.001 | 25.5 | 0.001 | | | | | | | | | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |
| | | 24.5 | | 22.0 | | 25.5 | 0.001 | 25.5 | 0.001 | | | | | | | | | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |

| Band | Antenna | Position | NR Standalone Maximum Power (dBm) | NR Standalone 1g SAR (W/kg) | EN-DC + WLAN NR Maximum Power (dBm) | 0 | | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 0+1 | | 0+1+6+7 | | 0+1+2+5+9 | | 0+1+3+4+8 | | 0+1+7+8 | | 0+1+7+9 | | 0+1+5+8 | | 0+1+4+9 | |
|------------------------|---------|----------|-----------------------------------|-----------------------------|-------------------------------------|-----------|---------------------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|--|
| | | | | | | Estimated | Maximum Power (dBm) | 1g SAR (W/kg) | Estimated | 1g SAR (W/kg) | Estimated | 1g SAR (W/kg) | Estimated | 1g SAR (W/kg) | Estimated | 1g SAR (W/kg) | Estimated | 1g SAR (W/kg) | Estimated | 1g SAR (W/kg) | Estimated | 1g SAR (W/kg) | Estimated | 1g SAR (W/kg) | Estimated | 1g SAR (W/kg) | Estimated | 1g SAR (W/kg) | Estimated | 1g SAR (W/kg) | Estimated | 1g SAR (W/kg) | Estimated | 1g SAR (W/kg) | Estimated | 1g SAR (W/kg) | Estimated | 1g SAR (W/kg) | Estimated | 1g SAR (W/kg) | |
| LTE Band 26 / 5_Ant 0 | Front | 24.5 | 0.430 | 20.0 | 0.153 | 25.5 | 0.433 | 23.0 | 0.243 | 0.158 | 0.319 | 0.115 | 0.214 | 0.276 | 0.201 | 0.083 | 0.061 | | 0.396 | 0.873 | 0.829 | 0.913 | 0.680 | 0.658 | 0.693 | 0.572 | 0.572 | | | | | | | | | | | | | | |
| | | 24.5 | 0.296 | 20.0 | 0.105 | 25.5 | 0.545 | 23.0 | 0.306 | 0.221 | 0.286 | 0.173 | 0.350 | 0.230 | 0.399 | 0.096 | 0.055 | | 0.412 | 1.041 | 1.038 | 0.967 | 0.907 | 0.866 | 0.858 | 0.640 | 0.640 | | | | | | | | | | | | | | |
| | | 24.5 | 0.929 | 20.0 | 0.330 | 25.5 | 0.081 | 23.0 | 0.046 | | | | | | | | | | | 0.375 | 0.375 | 0.375 | 0.375 | 0.375 | 0.375 | 0.375 | 0.375 | 0.375 | | | | | | | | | | | | | |
| | | 24.5 | | 20.0 | | 25.5 | 0.178 | 23.0 | 0.100 | 0.153 | 0.396 | 0.081 | 0.274 | 0.377 | 0.329 | 0.081 | 0.090 | | 0.100 | 0.806 | 0.617 | 0.658 | 0.510 | 0.519 | 0.455 | 0.271 | 0.271 | | | | | | | | | | | | | | |
| | | 24.5 | | 20.0 | | 25.5 | 0.001 | 23.0 | 0.001 | 0.215 | | 0.056 | | 0.364 | 0.073 | 0.084 | | | | 0.001 | 0.438 | 0.216 | 0.141 | 0.158 | 0.074 | 0.085 | 0.057 | 0.057 | | | | | | | | | | | | | |
| | | 24.5 | | 20.0 | | 25.5 | 0.405 | 23.0 | 0.228 | | | | | | | | | | | | 0.228 | 0.228 | 0.228 | 0.228 | 0.228 | 0.228 | 0.228 | 0.228 | 0.228 | | | | | | | | | | | | |
| | | 24.5 | | 20.0 | | 25.5 | 0.183 | 23.0 | 0.106 | 0.153 | 0.396 | 0.081 | 0.274 | 0.377 | 0.329 | 0.081 | 0.090 | | 0.183 | 0.813 | 0.629 | 0.660 | 0.510 | 0.519 | 0.455 | 0.271 | 0.271 | | | | | | | | | | | | | | |
| LTE Band 12 / 17_Ant 0 | Front | 24.5 | 0.430 | 20.0 | 0.153 | 25.5 | 0.223 | 25.5 | 0.223 | 0.158 | 0.319 | 0.115 | 0.214 | 0.276 | 0.201 | 0.083 | 0.061 | | 0.376 | 0.853 | 0.809 | 0.893 | 0.660 | 0.638 | 0.673 | 0.552 | 0.552 | | | | | | | | | | | | | | |
| | | 24.5 | 0.296 | 20.0 | 0.105 | 25.5 | 0.317 | 25.5 | 0.317 | 0.221 | 0.286 | 0.173 | 0.350 | 0.230 | 0.399 | 0.096 | 0.055 | | 0.422 | 1.051 | 1.048 | 0.977 | 0.917 | 0.876 | 0.868 | 0.650 | 0.650 | | | | | | | | | | | | | | |
| | | 24.5 | 0.929 | 20.0 | 0.330 | 25.5 | 0.063 | 25.5 | 0.063 | | | | | | | | | | | 0.393 | 0.393 | 0.393 | 0.393 | 0.393 | 0.393 | 0.393 | 0.393 | | | | | | | | | | | | | | |
| | | 24.5 | | 20.0 | | 25.5 | 0.202 | 25.5 | 0.202 | 0.153 | 0.396 | 0.081 | 0.274 | 0.377 | 0.329 | 0.081 | 0.090 | | 0.202 | 0.908 | 0.719 | 0.760 | 0.612 | 0.621 | 0.557 | 0.373 | 0.373 | | | | | | | | | | | | | | |
| | | 24.5 | | 20.0 | | 25.5 | 0.001 | 25.5 | 0.001 | 0.215 | | 0.056 | | 0.364 | 0.073 | 0.084 | | | | 0.001 | 0.438 | 0.216 | 0.141 | 0.158 | 0.074 | 0.085 | 0.057 | 0.057 | | | | | | | | | | | | | |
| | | 24.5 | | 20.0 | | 25.5 | 0.179 | 25.5 | 0.179 | | | | | | | | | | | 0.179 | 0.179 | 0.179 | 0.179 | 0.179 | 0.179 | 0.179 | 0.179 | 0.179 | | | | | | | | | | | | | |
| | | 24.5 | | 20.0 | | 25.5 | 0.001 | 25.5 | 0.001 | | | | | | | | | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | | | | | | | | | | | | | |
| LTE Band 71_Ant 0 | Front | 24.5 | 0.430 | 20.0 | 0.153 | 25.5 | 0.183 | 25.5 | 0.183 | 0.158 | 0.319 | 0.115 | 0.214 | 0.276 | 0.201 | 0.083 | 0.061 | | 0.336 | 0.813 | 0.769 | 0.853 | 0.620 | | | | | | | | | | | | | | | | | | |



FCC SAR TEST REPORT

Report No. : FA082114A

| Antenna | Band | Side | Frequency (MHz) | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|------------------------|-------------|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | | 24.5 | 25.0 | 25.5 | 26.0 | 26.5 | 27.0 | 27.5 | 28.0 | 28.5 | 29.0 | 29.5 | 30.0 | 30.5 | 31.0 | 31.5 | 32.0 | 32.5 | 33.0 | 33.5 | 34.0 | 34.5 | 35.0 | | |
| n38_Ant 11 | LTE Band 25 / 5_Ant 0 | Top side | 24.5 | | 20.0 | | 25.5 | 0.121 | 25.5 | 0.121 | 0.215 | | 0.056 | | 0.364 | 0.073 | 0.084 | | 0.121 | 0.558 | 0.336 | 0.261 | 0.278 | 0.194 | 0.205 | 0.177 |
| | | Bottom side | 24.5 | | 20.0 | | 25.5 | 0.001 | 25.5 | 0.001 | | | | | | | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |
| | | Front | 23.5 | 0.001 | 20.5 | 0.001 | 25.5 | 0.433 | 23.0 | 0.243 | 0.158 | 0.319 | 0.115 | 0.214 | 0.276 | 0.201 | 0.083 | 0.061 | 0.244 | 0.721 | 0.677 | 0.761 | 0.528 | 0.506 | 0.541 | 0.420 |
| | | Back | 23.5 | 0.614 | 20.5 | 0.308 | 25.5 | 0.545 | 23.0 | 0.306 | 0.221 | 0.286 | 0.173 | 0.350 | 0.230 | 0.399 | 0.096 | 0.055 | 0.614 | 1.243 | 1.240 | 1.169 | 1.109 | 1.068 | 1.060 | 0.842 |
| | | Left side | 23.5 | 0.070 | 20.5 | 0.035 | 25.5 | 0.081 | 23.0 | 0.046 | | | | | | | | | 0.081 | 0.081 | 0.081 | 0.081 | 0.081 | 0.081 | 0.081 | 0.081 |
| | | Right side | 23.5 | | 20.5 | | 25.5 | 0.178 | 23.0 | 0.100 | 0.153 | 0.396 | 0.081 | 0.274 | 0.377 | 0.329 | 0.081 | 0.090 | 0.100 | 0.806 | 0.617 | 0.658 | 0.510 | 0.519 | 0.455 | 0.271 |
| | LTE Band 12 / 17_Ant 0 | Top side | 23.5 | | 20.5 | | 25.5 | 0.001 | 23.0 | 0.001 | 0.215 | | 0.056 | | 0.364 | 0.073 | 0.084 | | 0.001 | 0.438 | 0.216 | 0.141 | 0.158 | 0.074 | 0.085 | 0.057 |
| | | Bottom side | 23.5 | 0.125 | 20.5 | 0.063 | 25.5 | 0.405 | 23.0 | 0.228 | | | | | | | | | 0.290 | 0.290 | 0.290 | 0.290 | 0.290 | 0.290 | 0.290 | 0.290 |
| | | Front | 23.5 | 0.001 | 20.5 | 0.001 | 25.5 | 0.223 | 25.5 | 0.223 | 0.158 | 0.319 | 0.115 | 0.214 | 0.276 | 0.201 | 0.083 | 0.061 | 0.224 | 0.701 | 0.657 | 0.741 | 0.508 | 0.486 | 0.521 | 0.400 |
| | | Back | 23.5 | 0.614 | 20.5 | 0.308 | 25.5 | 0.317 | 25.5 | 0.317 | 0.221 | 0.286 | 0.173 | 0.350 | 0.230 | 0.399 | 0.096 | 0.055 | 0.625 | 1.254 | 1.251 | 1.180 | 1.120 | 1.079 | 1.071 | 0.853 |
| | | Left side | 23.5 | 0.070 | 20.5 | 0.035 | 25.5 | 0.063 | 25.5 | 0.063 | | | | | | | | | 0.098 | 0.098 | 0.098 | 0.098 | 0.098 | 0.098 | 0.098 | 0.098 |
| | | Right side | 23.5 | | 20.5 | | 25.5 | 0.202 | 25.5 | 0.202 | 0.153 | 0.396 | 0.081 | 0.274 | 0.377 | 0.329 | 0.081 | 0.090 | 0.202 | 0.908 | 0.719 | 0.760 | 0.612 | 0.621 | 0.557 | 0.373 |
| | LTE Band 71_Ant 0 | Top side | 23.5 | | 20.5 | | 25.5 | 0.001 | 25.5 | 0.001 | 0.215 | | 0.056 | | 0.364 | 0.073 | 0.084 | | 0.001 | 0.438 | 0.216 | 0.141 | 0.158 | 0.074 | 0.085 | 0.057 |
| | | Bottom side | 23.5 | 0.125 | 20.5 | 0.063 | 25.5 | 0.179 | 25.5 | 0.179 | | | | | | | | | 0.242 | 0.242 | 0.242 | 0.242 | 0.242 | 0.242 | 0.242 | 0.242 |
| | | Front | 23.5 | 0.001 | 20.5 | 0.001 | 25.5 | 0.183 | 25.5 | 0.183 | 0.158 | 0.319 | 0.115 | 0.214 | 0.276 | 0.201 | 0.083 | 0.061 | 0.184 | 0.661 | 0.617 | 0.701 | 0.468 | 0.446 | 0.481 | 0.360 |
| | | Back | 23.5 | 0.614 | 20.5 | 0.308 | 25.5 | 0.271 | 25.5 | 0.271 | 0.221 | 0.286 | 0.173 | 0.350 | 0.230 | 0.399 | 0.096 | 0.055 | 0.579 | 1.208 | 1.205 | 1.134 | 1.074 | 1.033 | 1.025 | 0.807 |
| | | Left side | 23.5 | 0.070 | 20.5 | 0.035 | 25.5 | 0.058 | 25.5 | 0.058 | | | | | | | | | 0.093 | 0.093 | 0.093 | 0.093 | 0.093 | 0.093 | 0.093 | 0.093 |
| | | Right side | 23.5 | | 20.5 | | 25.5 | 0.156 | 25.5 | 0.156 | 0.153 | 0.396 | 0.081 | 0.274 | 0.377 | 0.329 | 0.081 | 0.090 | 0.156 | 0.862 | 0.673 | 0.714 | 0.566 | 0.575 | 0.511 | 0.327 |
| | LTE Band 25 / 5_Ant 2 | Top side | 23.5 | | 20.5 | | 25.5 | 0.001 | 25.5 | 0.001 | 0.215 | | 0.056 | | 0.364 | 0.073 | 0.084 | | 0.001 | 0.438 | 0.216 | 0.141 | 0.158 | 0.074 | 0.085 | 0.057 |
| | | Bottom side | 23.5 | 0.125 | 20.5 | 0.063 | 25.5 | 0.149 | 25.5 | 0.149 | | | | | | | | | 0.212 | 0.212 | 0.212 | 0.212 | 0.212 | 0.212 | 0.212 | 0.212 |
| | | Front | 23.5 | 0.001 | 20.5 | 0.001 | 25.5 | 0.351 | 25.5 | 0.351 | 0.158 | 0.319 | 0.115 | 0.214 | 0.276 | 0.201 | 0.083 | 0.061 | 0.352 | 0.829 | 0.785 | 0.869 | 0.636 | 0.614 | 0.649 | 0.528 |
| | | Back | 23.5 | 0.614 | 20.5 | 0.308 | 25.5 | 0.307 | 25.5 | 0.307 | 0.221 | 0.286 | 0.173 | 0.350 | 0.230 | 0.399 | 0.096 | 0.055 | 0.615 | 1.244 | 1.241 | 1.170 | 1.110 | 1.069 | 1.061 | 0.843 |
| | | Left side | 23.5 | 0.070 | 20.5 | 0.035 | 25.5 | 0.054 | 25.5 | 0.054 | | | | | | | | | 0.089 | 0.089 | 0.089 | 0.089 | 0.089 | 0.089 | 0.089 | 0.089 |
| | | Right side | 23.5 | | 20.5 | | 25.5 | 0.133 | 25.5 | 0.133 | 0.153 | 0.396 | 0.081 | 0.274 | 0.377 | 0.329 | 0.081 | 0.090 | 0.133 | 0.839 | 0.650 | 0.691 | 0.543 | 0.552 | 0.488 | 0.304 |
| LTE Band 12 / 17_Ant 2 | Top side | 23.5 | | 20.5 | | 25.5 | 0.247 | 25.5 | 0.247 | 0.215 | | 0.056 | | 0.364 | 0.073 | 0.084 | | 0.247 | 0.684 | 0.462 | 0.387 | 0.404 | 0.320 | 0.331 | 0.303 | |
| | Bottom side | 23.5 | 0.125 | 20.5 | 0.063 | 25.5 | 0.001 | 25.5 | 0.001 | | | | | | | | | 0.064 | 0.064 | 0.064 | 0.064 | 0.064 | 0.064 | 0.064 | 0.064 | |
| | Front | 23.5 | 0.001 | 20.5 | 0.001 | 25.5 | 0.089 | 25.5 | 0.089 | 0.158 | 0.319 | 0.115 | 0.214 | 0.276 | 0.201 | 0.083 | 0.061 | 0.090 | 0.567 | 0.523 | 0.607 | 0.374 | 0.352 | 0.387 | 0.266 | |
| | Back | 23.5 | 0.614 | 20.5 | 0.308 | 25.5 | 0.076 | 25.5 | 0.076 | 0.221 | 0.286 | 0.173 | 0.350 | 0.230 | 0.399 | 0.096 | 0.055 | 0.384 | 1.013 | 1.010 | 0.939 | 0.879 | 0.838 | 0.830 | 0.612 | |
| | Left side | 23.5 | 0.070 | 20.5 | 0.035 | 25.5 | 0.001 | 25.5 | 0.001 | | | | | | | | | 0.036 | 0.036 | 0.036 | 0.036 | 0.036 | 0.036 | 0.036 | 0.036 | |
| | Right side | 23.5 | | 20.5 | | 25.5 | 0.075 | 25.5 | 0.075 | 0.153 | 0.396 | 0.081 | 0.274 | 0.377 | 0.329 | 0.081 | 0.090 | 0.075 | 0.781 | 0.592 | 0.633 | 0.485 | 0.494 | 0.430 | 0.246 | |
| LTE Band 71_Ant 2 | Top side | 23.5 | | 20.5 | | 25.5 | 0.065 | 25.5 | 0.065 | 0.215 | | 0.056 | | 0.364 | 0.073 | 0.084 | | 0.065 | 0.502 | 0.280 | 0.205 | 0.222 | 0.138 | 0.149 | 0.121 | |
| | Bottom side | 23.5 | 0.125 | 20.5 | 0.063 | 25.5 | 0.001 | 25.5 | 0.001 | | | | | | | | | 0.064 | 0.064 | 0.064 | 0.064 | 0.064 | 0.064 | 0.064 | 0.064 | |
| | Front | 23.5 | 0.001 | 20.5 | 0.001 | 25.5 | 0.174 | 25.5 | 0.174 | 0.158 | 0.319 | 0.115 | 0.214 | 0.276 | 0.201 | 0.083 | 0.061 | 0.175 | 0.652 | 0.608 | 0.692 | 0.459 | 0.437 | 0.472 | 0.351 | |
| | Back | 23.5 | 0.614 | 20.5 | 0.308 | 25.5 | 0.137 | 25.5 | 0.137 | 0.221 | 0.286 | 0.173 | 0.350 | 0.230 | 0.399 | 0.096 | 0.055 | 0.445 | 1.074 | 1.071 | 1.000 | 0.940 | 0.899 | 0.891 | 0.673 | |
| | Left side | 23.5 | 0.070 | 20.5 | 0.035 | 25.5 | 0.001 | 25.5 | 0.001 | | | | | | | | | 0.036 | 0.036 | 0.036 | 0.036 | 0.036 | 0.036 | 0.036 | 0.036 | |
| | Right side | 23.5 | | 20.5 | | 25.5 | 0.093 | 25.5 | 0.093 | 0.153 | 0.396 | 0.081 | 0.274 | 0.377 | 0.329 | 0.081 | 0.090 | 0.093 | 0.799 | 0.610 | 0.651 | 0.503 | 0.512 | 0.448 | 0.264 | |
| n38_Ant 9 | LTE Band 25 / 2_Ant 1 | Top side | 23.5 | | 20.5 | | 25.5 | 0.121 | 25.5 | 0.121 | 0.215 | | 0.056 | | 0.364 | 0.073 | 0.084 | | 0.121 | 0.558 | 0.336 | 0.261 | 0.278 | 0.194 | 0.205 | 0.177 |
| | | Bottom side | 23.5 | 0.125 | 20.5 | 0.063 | 25.5 | 0.001 | 25.5 | 0.001 | | | | | | | | | 0.064 | 0.064 | 0.064 | 0.064 | 0.064 | 0.064 | 0.064 | 0.064 |
| | | Front | 24.5 | 0.430 | 20.0 | 0.153 | 23.0 | 0.401 | 19.0 | 0.160 | 0.158 | 0.319 | 0.115 | 0.214 | 0.276 | 0.201 | 0.083 | 0.061 | 0.312 | 0.789 | 0.745 | 0.829 | 0.596 | 0.574 | 0.609 | 0.488 |
| | | Back | 24.5 | 0.296 | 20.0 | 0.105 | 23.0 | 0.527 | 19.0 | 0.210 | 0.221 | 0.286 | 0.173 | 0.350 | 0.230 | 0.399 | 0.096 | 0.055 | 0.315 | 0.944 | 0.941 | 0.870 | 0.810 | 0.769 | 0.761 | 0.543 |
| | | Left side | 24.5 | 0.929 | 20.0 | 0.330 | 23.0 | 0.474 | 19.0 | 0.189 | | | | | | | | | 0.518 | 0.518 | 0.518 | 0.518 | 0.518 | 0.518 | 0.518 | 0.518 |
| | | Right side | 24.5 | | 20.0 | | 23.0 | 0.060 | 19.0 | 0.024 | 0.153 | 0.396 | 0.081 | 0.274 | 0.377 | 0.329 | 0.081 | 0.090 | 0.024 | 0.730 | 0.541 | 0.582 | 0.434 | 0.418 | 0.379 | 0.195 |
| | LTE Band 66 / 4_Ant 1 | Top side | 24.5 | | 20.0 | | 23.0 | 0.001 | 19.0 | 0.000 | 0.215 | | 0.056 | | 0.364 | 0.073 | 0.084 | | 0.000 | 0.437 | 0.215 | 0.140 | 0.157 | 0.073 | 0.084 | 0.056 |
| | | Bottom side | 24.5 | | 20.0 | | 23.0 | 1.069 | 19.0 | 0.426 | | | | | | | | | 0.426 | 0.426 | 0.426 | 0.426 | 0.426 | 0.426 | 0.426 | 0.426 |
| | | Front | 24.5 | 0.430 | 20.0 | 0.153 | 25.5 | 0.291 | 24.0 | 0.206 | 0.158 | 0.319 | 0.115 | 0.214 | 0.276 | 0.201 | 0.083 | 0.061 | 0.359 | 0.836 | 0.792 | 0.876 | 0.643 | 0.621 | 0.656 | 0.535 |
| | | Back | 24.5 | 0.296 | 20.0 | 0.105 | 25.5 | 0.411 | 24.0 | 0.291 | 0.221 | 0.286 | 0.173 | 0.350 | 0.230 | 0.399 | 0.096 | 0.055 | 0.396 | 1.025 | 1.022 | 0.951 | 0.891 | 0.850 | 0.842 | 0.624 |
| | | Left side | 24.5 | 0.929 | 20.0 | 0.330 | 25.5 | 0.320 | 24.0 | 0.227 | | | | | | | | | 0.556 | 0.556 | 0.556 | 0.556 | 0.556 | 0.556 | 0.556 | 0.556 |
| | | Right side | 24.5 | | 20.0 | | 25.5 | 0.001 | 24.0 | 0.001 | 0.153 | 0.396 | 0.081 | 0.274 | 0.377 | 0.329 | 0.081 | 0.090 | 0.001 | 0.707 | 0.518 | 0.559 | 0.411 | 0.420 | 0.356 | 0.172 |
| | LTE Band 25 / 2_Ant 8 | Top side | 24.5 | | 20.0 | | 25.5 | 0.001 | 24.0 | 0.001 | 0.215 | | 0.056 | | 0.364 | 0.073 | 0.084 | | 0.001 | 0.438 | 0.216 | 0.141 | 0.158 | 0.074 | 0.085 | 0.057 |
| | | Bottom side | 24.5 | | 20.0 | | 25.5 | 0.623 | 24.0 | 0.441 | | | | | | | | | 0.441 | 0.441 | 0.441 | 0.441 | 0.441 | 0.441 | 0.441 | 0.441 |
| | | Front | 24.5 | 0.430 | 20.0 | 0.153 | 24.0 | 0.534 | 18.5 | 0.151 | 0.158 | 0.319 | 0.115 | 0.214 | 0.276 | 0.201 | 0.083 | 0.061 | 0.303 | 0.780 | 0.736 | 0.820 | 0.587 | 0.565 | 0.600 | 0.479 |
| | | Back | 24.5 | 0.296 | 20.0 | 0.105 | 24.0 | 0.457 | 18.5 | 0.129 | 0.221 | 0.286 | 0.173 | 0.350 | 0.230 | 0.399 | 0.096 | 0.055 | 0.234 | | | | | | | |



FCC SAR TEST REPORT

Report No. : FA082114A

| Antenna | Band | Position | F1 | F2 | F3 | F4 | F5 | F6 | F7 | F8 | F9 | F10 | F11 | F12 | F13 | F14 | F15 | F16 | F17 | F18 | F19 | F20 | F21 | F22 | F23 | F24 | |
|-----------------------|-----------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| n71_Ant 0 | 25 / 2_Ant 8 | Back | 23.5 | 0.634 | 21.0 | 0.357 | 24.0 | 0.457 | 18.5 | 0.129 | 0.221 | 0.286 | 0.173 | 0.350 | 0.230 | 0.399 | 0.096 | 0.055 | 0.485 | 1.114 | 1.111 | 1.040 | 0.980 | 0.939 | 0.931 | 0.713 | |
| | | Left side | 23.5 | 0.069 | 21.0 | 0.039 | 24.0 | 1.174 | 18.5 | 0.331 | | | | | | | | | | 0.370 | 0.370 | 0.370 | 0.370 | 0.370 | 0.370 | 0.370 | 0.370 |
| | | Right side | 23.5 | | 21.0 | | 24.0 | 0.002 | 18.5 | 0.001 | 0.153 | 0.396 | 0.081 | 0.274 | 0.377 | 0.329 | 0.081 | 0.090 | 0.001 | 0.707 | 0.518 | 0.559 | 0.411 | 0.420 | 0.356 | 0.172 | |
| | | Top side | 23.5 | | 21.0 | | 24.0 | 0.064 | 18.5 | 0.018 | 0.215 | | 0.056 | | 0.364 | 0.073 | 0.084 | | 0.018 | 0.455 | 0.233 | 0.158 | 0.175 | 0.091 | 0.102 | 0.074 | |
| | | Bottom side | 23.5 | 0.133 | 21.0 | 0.075 | 24.0 | 0.105 | 18.5 | 0.030 | | | | | | | | | | 0.104 | 0.104 | 0.104 | 0.104 | 0.104 | 0.104 | 0.104 | 0.104 |
| | | Front | 23.5 | 0.001 | 21.0 | 0.001 | 25.0 | 0.456 | 20.0 | 0.144 | 0.158 | 0.319 | 0.115 | 0.214 | 0.276 | 0.201 | 0.083 | 0.061 | 0.145 | 0.622 | 0.578 | 0.662 | 0.429 | 0.407 | 0.442 | 0.321 | |
| | | Back | 23.5 | 0.634 | 21.0 | 0.357 | 25.0 | 0.408 | 20.0 | 0.129 | 0.221 | 0.286 | 0.173 | 0.350 | 0.230 | 0.399 | 0.096 | 0.055 | 0.486 | 1.115 | 1.112 | 1.041 | 0.981 | 0.940 | 0.932 | 0.714 | |
| | | Left side | 23.5 | 0.069 | 21.0 | 0.039 | 25.0 | 1.122 | 20.0 | 0.355 | | | | | | | | | | 0.394 | 0.394 | 0.394 | 0.394 | 0.394 | 0.394 | 0.394 | 0.394 |
| | Right side | 23.5 | | 21.0 | | 25.0 | 0.001 | 20.0 | 0.000 | 0.153 | 0.396 | 0.081 | 0.274 | 0.377 | 0.329 | 0.081 | 0.090 | 0.000 | 0.706 | 0.517 | 0.558 | 0.410 | 0.419 | 0.355 | 0.171 | | |
| | Top side | 23.5 | | 21.0 | | 25.0 | 0.001 | 20.0 | 0.000 | 0.215 | | 0.056 | | 0.364 | 0.073 | 0.084 | | 0.000 | 0.437 | 0.215 | 0.140 | 0.157 | 0.073 | 0.084 | 0.056 | | |
| | Bottom side | 23.5 | 0.133 | 21.0 | 0.075 | 25.0 | 0.073 | 20.0 | 0.023 | | | | | | | | | | 0.098 | 0.098 | 0.098 | 0.098 | 0.098 | 0.098 | 0.098 | 0.098 | |
| | LTE Band 66 / 4_Ant 8 | Front | 24.5 | 0.240 | 24.5 | 0.240 | 23.0 | 0.401 | 19.0 | 0.160 | 0.158 | 0.319 | 0.115 | 0.214 | 0.276 | 0.201 | 0.083 | 0.061 | 0.400 | 0.877 | 0.833 | 0.917 | 0.684 | 0.662 | 0.697 | 0.576 | |
| | | Back | 24.5 | 0.359 | 24.5 | 0.359 | 23.0 | 0.527 | 19.0 | 0.210 | 0.221 | 0.286 | 0.173 | 0.350 | 0.230 | 0.399 | 0.096 | 0.055 | 0.569 | 1.198 | 1.195 | 1.124 | 1.064 | 1.023 | 1.015 | 0.797 | |
| | | Left side | 24.5 | 0.076 | 24.5 | 0.076 | 23.0 | 0.474 | 19.0 | 0.189 | | | | | | | | | 0.265 | 0.265 | 0.265 | 0.265 | 0.265 | 0.265 | 0.265 | 0.265 | |
| | | Right side | 24.5 | 0.152 | 24.5 | 0.152 | 23.0 | 0.060 | 19.0 | 0.024 | 0.153 | 0.396 | 0.081 | 0.274 | 0.377 | 0.329 | 0.081 | 0.090 | 0.176 | 0.882 | 0.693 | 0.734 | 0.586 | 0.595 | 0.531 | 0.347 | |
| | | Top side | 24.5 | | 24.5 | | 23.0 | 0.001 | 19.0 | 0.000 | 0.215 | | 0.056 | | 0.364 | 0.073 | 0.084 | | 0.000 | 0.437 | 0.215 | 0.140 | 0.157 | 0.073 | 0.084 | 0.056 | |
| | | Bottom side | 24.5 | 0.195 | 24.5 | 0.195 | 23.0 | 1.069 | 19.0 | 0.426 | | | | | | | | | | 0.621 | 0.621 | 0.621 | 0.621 | 0.621 | 0.621 | 0.621 | 0.621 |
| | | Front | 24.5 | 0.240 | 24.5 | 0.240 | 24.0 | 0.388 | 20.5 | 0.173 | 0.158 | 0.319 | 0.115 | 0.214 | 0.276 | 0.201 | 0.083 | 0.061 | 0.413 | 0.890 | 0.846 | 0.930 | 0.697 | 0.675 | 0.710 | 0.589 | |
| | | Back | 24.5 | 0.359 | 24.5 | 0.359 | 24.0 | 0.686 | 20.5 | 0.306 | 0.221 | 0.286 | 0.173 | 0.350 | 0.230 | 0.399 | 0.096 | 0.055 | 0.665 | 1.294 | 1.291 | 1.220 | 1.160 | 1.119 | 1.111 | 0.893 | |
| | LTE Band 25 / 2_Ant 1 | Left side | 24.5 | 0.076 | 24.5 | 0.076 | 24.0 | 0.525 | 20.5 | 0.235 | | | | | | | | | 0.311 | 0.311 | 0.311 | 0.311 | 0.311 | 0.311 | 0.311 | 0.311 | |
| Right side | | 24.5 | 0.152 | 24.5 | 0.152 | 24.0 | 0.099 | 20.5 | 0.044 | 0.153 | 0.396 | 0.081 | 0.274 | 0.377 | 0.329 | 0.081 | 0.090 | 0.196 | 0.902 | 0.713 | 0.754 | 0.606 | 0.615 | 0.551 | 0.367 | | |
| Top side | | 24.5 | | 24.5 | | 24.0 | 0.001 | 20.5 | 0.000 | 0.215 | | 0.056 | | 0.364 | 0.073 | 0.084 | | 0.000 | 0.437 | 0.215 | 0.140 | 0.157 | 0.073 | 0.084 | 0.056 | | |
| Bottom side | | 24.5 | 0.195 | 24.5 | 0.195 | 24.0 | 1.031 | 20.5 | 0.461 | | | | | | | | | | 0.636 | 0.636 | 0.636 | 0.636 | 0.636 | 0.636 | 0.636 | 0.636 | |
| Front | | 24.5 | 0.240 | 24.5 | 0.240 | 25.5 | 0.291 | 24.0 | 0.206 | 0.158 | 0.319 | 0.115 | 0.214 | 0.276 | 0.201 | 0.083 | 0.061 | 0.446 | 0.923 | 0.879 | 0.963 | 0.730 | 0.708 | 0.743 | 0.622 | | |
| Back | | 24.5 | 0.359 | 24.5 | 0.359 | 25.5 | 0.411 | 24.0 | 0.291 | 0.221 | 0.286 | 0.173 | 0.350 | 0.230 | 0.399 | 0.096 | 0.055 | 0.650 | 1.279 | 1.276 | 1.205 | 1.145 | 1.104 | 1.096 | 0.878 | | |
| Left side | | 24.5 | 0.076 | 24.5 | 0.076 | 25.5 | 0.320 | 24.0 | 0.227 | | | | | | | | | | 0.303 | 0.303 | 0.303 | 0.303 | 0.303 | 0.303 | 0.303 | 0.303 | |
| Right side | | 24.5 | 0.152 | 24.5 | 0.152 | 25.5 | 0.001 | 24.0 | 0.001 | 0.153 | 0.396 | 0.081 | 0.274 | 0.377 | 0.329 | 0.081 | 0.090 | 0.153 | 0.859 | 0.670 | 0.711 | 0.563 | 0.572 | 0.508 | 0.324 | | |
| LTE Band 7_Ant 1 | Top side | 24.5 | | 24.5 | | 25.5 | 0.001 | 24.0 | 0.001 | 0.215 | | 0.056 | | 0.364 | 0.073 | 0.084 | | 0.001 | 0.438 | 0.216 | 0.141 | 0.158 | 0.074 | 0.085 | 0.057 | | |
| | Bottom side | 24.5 | 0.195 | 24.5 | 0.195 | 25.5 | 0.623 | 24.0 | 0.441 | | | | | | | | | | 0.636 | 0.636 | 0.636 | 0.636 | 0.636 | 0.636 | 0.636 | 0.636 | |
| | Front | 24.5 | 0.240 | 24.5 | 0.240 | 24.0 | 0.534 | 18.5 | 0.151 | 0.158 | 0.319 | 0.115 | 0.214 | 0.276 | 0.201 | 0.083 | 0.061 | 0.391 | 0.868 | 0.824 | 0.908 | 0.675 | 0.653 | 0.688 | 0.567 | | |
| | Back | 24.5 | 0.359 | 24.5 | 0.359 | 24.0 | 0.457 | 18.5 | 0.129 | 0.221 | 0.286 | 0.173 | 0.350 | 0.230 | 0.399 | 0.096 | 0.055 | 0.488 | 1.117 | 1.114 | 1.043 | 0.983 | 0.942 | 0.934 | 0.716 | | |
| | Left side | 24.5 | 0.076 | 24.5 | 0.076 | 24.0 | 1.174 | 18.5 | 0.331 | | | | | | | | | | 0.407 | 0.407 | 0.407 | 0.407 | 0.407 | 0.407 | 0.407 | 0.407 | |
| | Right side | 24.5 | 0.152 | 24.5 | 0.152 | 24.0 | 0.002 | 18.5 | 0.001 | 0.153 | 0.396 | 0.081 | 0.274 | 0.377 | 0.329 | 0.081 | 0.090 | 0.153 | 0.859 | 0.670 | 0.711 | 0.563 | 0.572 | 0.508 | 0.324 | | |
| | Top side | 24.5 | | 24.5 | | 24.0 | 0.064 | 18.5 | 0.018 | 0.215 | | 0.056 | | 0.364 | 0.073 | 0.084 | | 0.018 | 0.455 | 0.233 | 0.158 | 0.175 | 0.091 | 0.102 | 0.074 | | |
| | Bottom side | 24.5 | 0.195 | 24.5 | 0.195 | 24.0 | 0.105 | 18.5 | 0.030 | | | | | | | | | | 0.225 | 0.225 | 0.225 | 0.225 | 0.225 | 0.225 | 0.225 | 0.225 | |
| LTE Band 66 / 4_Ant 8 | Front | 24.5 | 0.240 | 24.5 | 0.240 | 24.5 | 0.534 | 19.0 | 0.151 | 0.158 | 0.319 | 0.115 | 0.214 | 0.276 | 0.201 | 0.083 | 0.061 | 0.391 | 0.868 | 0.824 | 0.908 | 0.675 | 0.653 | 0.688 | 0.567 | | |
| | Back | 24.5 | 0.359 | 24.5 | 0.359 | 24.5 | 0.537 | 19.0 | 0.151 | 0.221 | 0.286 | 0.173 | 0.350 | 0.230 | 0.399 | 0.096 | 0.055 | 0.510 | 1.139 | 1.136 | 1.065 | 1.005 | 0.964 | 0.956 | 0.738 | | |
| | Left side | 24.5 | 0.076 | 24.5 | 0.076 | 24.5 | 1.190 | 19.0 | 0.335 | | | | | | | | | | 0.411 | 0.411 | 0.411 | 0.411 | 0.411 | 0.411 | 0.411 | 0.411 | |
| | Right side | 24.5 | 0.152 | 24.5 | 0.152 | 24.5 | 0.001 | 19.0 | 0.000 | 0.153 | 0.396 | 0.081 | 0.274 | 0.377 | 0.329 | 0.081 | 0.090 | 0.152 | 0.858 | 0.669 | 0.710 | 0.562 | 0.571 | 0.507 | 0.323 | | |
| | Top side | 24.5 | | 24.5 | | 24.5 | 0.045 | 19.0 | 0.013 | 0.215 | | 0.056 | | 0.364 | 0.073 | 0.084 | | 0.013 | 0.450 | 0.228 | 0.153 | 0.170 | 0.086 | 0.097 | 0.069 | | |
| | Bottom side | 24.5 | 0.195 | 24.5 | 0.195 | 24.5 | 0.118 | 19.0 | 0.033 | | | | | | | | | | 0.228 | 0.228 | 0.228 | 0.228 | 0.228 | 0.228 | 0.228 | 0.228 | |
| | Front | 24.5 | 0.240 | 24.5 | 0.240 | 25.0 | 0.456 | 20.0 | 0.144 | 0.158 | 0.319 | 0.115 | 0.214 | 0.276 | 0.201 | 0.083 | 0.061 | 0.384 | 0.861 | 0.817 | 0.928 | 0.668 | 0.646 | 0.681 | 0.560 | | |
| | Back | 24.5 | 0.359 | 24.5 | 0.359 | 25.0 | 0.408 | 20.0 | 0.129 | 0.221 | 0.286 | 0.173 | 0.350 | 0.230 | 0.399 | 0.096 | 0.055 | 0.488 | 1.117 | 1.114 | 1.043 | 0.983 | 0.942 | 0.934 | 0.716 | | |
| LTE Band 25 / 2_Ant 1 | Left side | 24.5 | 0.076 | 24.5 | 0.076 | 25.0 | 1.122 | 20.0 | 0.355 | | | | | | | | | | 0.431 | 0.431 | 0.431 | 0.431 | 0.431 | 0.431 | 0.431 | 0.431 | |
| | Right side | 24.5 | 0.152 | 24.5 | 0.152 | 25.0 | 0.001 | 20.0 | 0.000 | 0.153 | 0.396 | 0.081 | 0.274 | 0.377 | 0.329 | 0.081 | 0.090 | 0.152 | 0.858 | 0.669 | 0.710 | 0.562 | 0.571 | 0.507 | 0.323 | | |
| | Top side | 24.5 | | 24.5 | | 25.0 | 0.001 | 20.0 | 0.000 | 0.215 | | 0.056 | | 0.364 | 0.073 | 0.084 | | 0.000 | 0.437 | 0.215 | 0.140 | 0.157 | 0.073 | 0.084 | 0.056 | | |
| | Bottom side | 24.5 | 0.195 | 24.5 | 0.195 | 25.0 | 0.073 | 20.0 | 0.023 | | | | | | | | | | 0.218 | 0.218 | 0.218 | 0.218 | 0.218 | 0.218 | 0.218 | 0.218 | |
| | Front | 24.5 | 0.040 | 24.5 | 0.040 | 23.0 | 0.401 | 19.0 | 0.160 | 0.158 | 0.319 | 0.115 | 0.214 | 0.276 | 0.201 | 0.083 | 0.061 | 0.200 | 0.677 | 0.633 | 0.717 | 0.484 | 0.462 | 0.497 | 0.376 | | |
| | Back | 24.5 | 0.015 | 24.5 | 0.015 | 23.0 | 0.527 | 19.0 | 0.210 | 0.221 | 0.286 | 0.173 | 0.350 | 0.230 | 0.399 | 0.096 | 0.055 | 0.225 | 0.854 | 0.851 | 0.780 | 0.720 | 0.679 | 0.671 | 0.453 | | |
| | Left side | 24.5 | 0.001 | 24.5 | 0.001 | 23.0 | 0.474 | 19.0 | 0.189 | | | | | | | | | | 0.190 | 0.190 | 0.190 | 0.190 | 0.190 | 0.190 | 0.190 | 0.190 | |
| | Right side | 24.5 | 0.001 | 24.5 | 0.001 | 23.0 | 0.060 | 19.0 | 0.024 | 0.153 | 0.396 | 0.081 | 0.274 | 0.377 | 0.329 | 0.081 | 0.090 | 0.025 | 0.731 | 0.542 | 0.583 | 0.435 | 0.444 | 0.380 | 0.196 | | |
| n71_Ant 2 | Top side | 24.5 | 0.022 | 24.5 | 0.022 | 23.0 | 0.001 | 19.0 | 0.000 | 0.215 | | 0.056 | | 0.364 | 0.073 | 0.084 | | 0.022 | 0.459 | 0.237 | 0.162 | 0.179 | 0.095 | 0.106 | 0.078 | | |
| | Bottom side | 24.5 | | 24.5 | | 23.0 | 1.069 | 19.0 | 0.426 | | | | | | | | | | 0.4 | | | | | | | | |



FCC SAR TEST REPORT

Report No. : FA082114A

| Band | Antenna | Side | 24.5 | 24.5 | 25.5 | 0.623 | 24.0 | 0.441 | | | | | | | | | | | 0.441 | 0.441 | 0.441 | 0.441 | 0.441 | 0.441 | 0.441 | 0.441 | |
|------------------------|---------|-------------|------|-------|------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| LTE Band 25 / 2, Ant 8 | | Bottom side | 24.5 | 0.040 | 24.5 | 0.040 | 24.0 | 0.534 | 18.5 | 0.151 | 0.158 | 0.319 | 0.115 | 0.214 | 0.276 | 0.201 | 0.083 | 0.061 | 0.191 | 0.668 | 0.624 | 0.708 | 0.475 | 0.453 | 0.488 | 0.367 | |
| | | Front | 24.5 | 0.015 | 24.5 | 0.015 | 24.0 | 0.457 | 18.5 | 0.129 | 0.221 | 0.286 | 0.173 | 0.350 | 0.230 | 0.399 | 0.096 | 0.055 | 0.144 | 0.773 | 0.770 | 0.699 | 0.639 | 0.598 | 0.590 | 0.372 | |
| | | Back | 24.5 | 0.001 | 24.5 | 0.001 | 24.0 | 1.174 | 18.5 | 0.331 | | | | | | | | | | 0.332 | 0.332 | 0.332 | 0.332 | 0.332 | 0.332 | 0.332 | |
| | | Left side | 24.5 | 0.001 | 24.5 | 0.001 | 24.0 | 0.002 | 18.5 | 0.001 | 0.153 | 0.396 | 0.081 | 0.274 | 0.377 | 0.329 | 0.081 | 0.090 | | 0.002 | 0.708 | 0.519 | 0.530 | 0.412 | 0.421 | 0.357 | 0.173 |
| | | Right side | 24.5 | 0.022 | 24.5 | 0.022 | 24.0 | 0.064 | 18.5 | 0.018 | 0.215 | 0.056 | | | 0.364 | 0.073 | 0.084 | | | 0.040 | 0.477 | 0.255 | 0.180 | 0.197 | 0.113 | 0.124 | 0.096 |
| | | Top side | 24.5 | | 24.5 | | 24.0 | 0.105 | 18.5 | 0.030 | | | | | | | | | | 0.030 | 0.030 | 0.030 | 0.030 | 0.030 | 0.030 | 0.030 | 0.030 |
| LTE Band 7, Ant 8 | | Front | 24.5 | 0.040 | 24.5 | 0.040 | 24.5 | 0.534 | 19.0 | 0.151 | 0.158 | 0.319 | 0.115 | 0.214 | 0.276 | 0.201 | 0.083 | 0.061 | 0.191 | 0.668 | 0.624 | 0.708 | 0.475 | 0.453 | 0.488 | 0.367 | |
| | | Back | 24.5 | 0.015 | 24.5 | 0.015 | 24.5 | 0.537 | 19.0 | 0.151 | 0.221 | 0.286 | 0.173 | 0.350 | 0.230 | 0.399 | 0.096 | 0.055 | 0.166 | 0.795 | 0.792 | 0.721 | 0.661 | 0.620 | 0.612 | 0.394 | |
| | | Left side | 24.5 | 0.001 | 24.5 | 0.001 | 24.5 | 1.190 | 19.0 | 0.335 | | | | | | | | | | 0.336 | 0.336 | 0.336 | 0.336 | 0.336 | 0.336 | 0.336 | |
| | | Right side | 24.5 | 0.001 | 24.5 | 0.001 | 24.5 | 0.001 | 19.0 | 0.000 | 0.153 | 0.396 | 0.081 | 0.274 | 0.377 | 0.329 | 0.081 | 0.090 | | 0.001 | 0.707 | 0.518 | 0.559 | 0.411 | 0.420 | 0.356 | 0.172 |
| | | Top side | 24.5 | 0.022 | 24.5 | 0.022 | 24.5 | 0.045 | 19.0 | 0.013 | 0.215 | 0.056 | | | 0.364 | 0.073 | 0.084 | | | 0.035 | 0.472 | 0.250 | 0.175 | 0.192 | 0.108 | 0.119 | 0.091 |
| | | Bottom side | 24.5 | | 24.5 | | 24.5 | 0.118 | 19.0 | 0.033 | | | | | | | | | | 0.033 | 0.033 | 0.033 | 0.033 | 0.033 | 0.033 | 0.033 | |
| LTE Band 66 / 4, Ant 8 | | Front | 24.5 | 0.040 | 24.5 | 0.040 | 25.0 | 0.456 | 20.0 | 0.144 | 0.158 | 0.319 | 0.115 | 0.214 | 0.276 | 0.201 | 0.083 | 0.061 | 0.184 | 0.661 | 0.617 | 0.701 | 0.468 | 0.446 | 0.481 | 0.360 | |
| | | Back | 24.5 | 0.015 | 24.5 | 0.015 | 25.0 | 0.408 | 20.0 | 0.129 | 0.221 | 0.286 | 0.173 | 0.350 | 0.230 | 0.399 | 0.096 | 0.055 | 0.144 | 0.773 | 0.770 | 0.699 | 0.639 | 0.598 | 0.590 | 0.372 | |
| | | Left side | 24.5 | 0.001 | 24.5 | 0.001 | 25.0 | 1.122 | 20.0 | 0.365 | | | | | | | | | | 0.356 | 0.356 | 0.356 | 0.356 | 0.356 | 0.356 | | |
| | | Right side | 24.5 | 0.001 | 24.5 | 0.001 | 25.0 | 0.001 | 20.0 | 0.000 | 0.153 | 0.396 | 0.081 | 0.274 | 0.377 | 0.329 | 0.081 | 0.090 | | 0.001 | 0.707 | 0.518 | 0.559 | 0.411 | 0.420 | 0.356 | 0.172 |
| | | Top side | 24.5 | 0.022 | 24.5 | 0.022 | 25.0 | 0.001 | 20.0 | 0.000 | 0.215 | 0.056 | | | 0.364 | 0.073 | 0.084 | | | 0.022 | 0.459 | 0.237 | 0.162 | 0.179 | 0.095 | 0.106 | 0.078 |
| | | Bottom side | 24.5 | | 24.5 | | 25.0 | 0.073 | 20.0 | 0.023 | | | | | | | | | | 0.023 | 0.023 | 0.023 | 0.023 | 0.023 | 0.023 | 0.023 | |

| WWAN Band | Exposure Position | NR Standalone Maximum Power (dBm) | NR Standalone 1g SAR (W/kg) | EN-DC + WLAN NR Maximum Power (dBm) | 0 | LTE Standalone Maximum Power (dBm) | LTE Standalone 1g SAR (W/kg) | EN-DC + WLAN LTE Maximum Power (dBm) | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0+1 Summed 1g SAR (W/kg) | 0+1+6-7 Summed 1g SAR (W/kg) | 0+1+2+5+9 Summed 1g SAR (W/kg) | 0+1+3+4+8 Summed 1g SAR (W/kg) | 0+1+7+9 Summed 1g SAR (W/kg) | 0+1+1+6+9 Summed 1g SAR (W/kg) | 0+1+1+8 Summed 1g SAR (W/kg) | 0+1+4+9 Summed 1g SAR (W/kg) | |
|-------------------------|-------------------|-----------------------------------|-----------------------------|-------------------------------------|-------|------------------------------------|------------------------------|--------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------------------|------------------------------|--------------------------------|--------------------------------|------------------------------|--------------------------------|------------------------------|------------------------------|-------|
| | | | | | | | | | | | | | | | | | | | | | | | | | | 24.5 |
| LTE Band 26 / 5, Ant 0 | Front | 24.5 | 0.289 | 24.0 | 0.258 | 25.5 | 0.433 | 23.0 | 0.243 | 0.158 | 0.319 | 0.115 | 0.214 | 0.276 | 0.201 | 0.083 | 0.061 | 0.501 | 0.978 | 0.934 | 1.018 | 0.785 | 0.763 | 0.798 | 0.677 | |
| | Back | 24.5 | 0.380 | 24.0 | 0.339 | 25.5 | 0.545 | 23.0 | 0.306 | 0.221 | 0.286 | 0.173 | 0.350 | 0.230 | 0.399 | 0.096 | 0.055 | 0.645 | 1.274 | 1.271 | 1.200 | 1.140 | 1.099 | 1.091 | 0.873 | |
| | Left side | 24.5 | 0.327 | 24.0 | 0.291 | 25.5 | 0.081 | 23.0 | 0.046 | | | | | | | | | | 0.337 | 0.337 | 0.337 | 0.337 | 0.337 | 0.337 | | |
| | Right side | 24.5 | | 24.0 | | 25.5 | 0.178 | 23.0 | 0.100 | 0.153 | 0.396 | 0.081 | 0.274 | 0.377 | 0.329 | 0.081 | 0.090 | | 0.100 | 0.806 | 0.617 | 0.658 | 0.510 | 0.519 | 0.455 | 0.271 |
| | Top side | 24.5 | | 24.0 | | 25.5 | 0.001 | 23.0 | 0.001 | 0.215 | 0.056 | | | 0.364 | 0.073 | 0.084 | | | 0.001 | 0.438 | 0.216 | 0.141 | 0.158 | 0.074 | 0.085 | 0.057 |
| | Bottom side | 24.5 | 0.482 | 24.0 | 0.430 | 25.5 | 0.405 | 23.0 | 0.228 | | | | | | | | | | 0.657 | 0.657 | 0.657 | 0.657 | 0.657 | 0.657 | 0.657 | |
| LTE Band 12 / 17, Ant 0 | Front | 24.5 | 0.289 | 24.0 | 0.258 | 25.5 | 0.223 | 25.5 | 0.223 | 0.158 | 0.319 | 0.115 | 0.214 | 0.276 | 0.201 | 0.083 | 0.061 | 0.481 | 0.958 | 0.914 | 0.998 | 0.765 | 0.743 | 0.778 | 0.657 | |
| | Back | 24.5 | 0.380 | 24.0 | 0.339 | 25.5 | 0.317 | 25.5 | 0.317 | 0.221 | 0.286 | 0.173 | 0.350 | 0.230 | 0.399 | 0.096 | 0.055 | 0.656 | 1.285 | 1.282 | 1.211 | 1.151 | 1.110 | 1.102 | 0.884 | |
| | Left side | 24.5 | 0.327 | 24.0 | 0.291 | 25.5 | 0.063 | 25.5 | 0.063 | | | | | | | | | | 0.354 | 0.354 | 0.354 | 0.354 | 0.354 | 0.354 | | |
| | Right side | 24.5 | | 24.0 | | 25.5 | 0.202 | 25.5 | 0.202 | 0.153 | 0.396 | 0.081 | 0.274 | 0.377 | 0.329 | 0.081 | 0.090 | | 0.202 | 0.908 | 0.719 | 0.760 | 0.612 | 0.621 | 0.557 | 0.373 |
| | Top side | 24.5 | | 24.0 | | 25.5 | 0.001 | 25.5 | 0.001 | 0.215 | 0.056 | | | 0.364 | 0.073 | 0.084 | | | 0.001 | 0.438 | 0.216 | 0.141 | 0.158 | 0.074 | 0.085 | 0.057 |
| | Bottom side | 24.5 | 0.482 | 24.0 | 0.430 | 25.5 | 0.179 | 25.5 | 0.179 | | | | | | | | | | 0.609 | 0.609 | 0.609 | 0.609 | 0.609 | 0.609 | 0.609 | |
| LTE Band 13, Ant 0 | Front | 24.5 | 0.289 | 24.0 | 0.258 | 25.5 | 0.380 | 23.5 | 0.240 | 0.158 | 0.319 | 0.115 | 0.214 | 0.276 | 0.201 | 0.083 | 0.061 | 0.497 | 0.974 | 0.930 | 1.014 | 0.781 | 0.759 | 0.794 | 0.673 | |
| | Back | 24.5 | 0.380 | 24.0 | 0.339 | 25.5 | 0.515 | 23.5 | 0.325 | 0.221 | 0.286 | 0.173 | 0.350 | 0.230 | 0.399 | 0.096 | 0.055 | 0.664 | 1.293 | 1.290 | 1.219 | 1.159 | 1.118 | 1.110 | 0.892 | |
| | Left side | 24.5 | 0.327 | 24.0 | 0.291 | 25.5 | 0.001 | 23.5 | 0.001 | | | | | | | | | | 0.292 | 0.292 | 0.292 | 0.292 | 0.292 | 0.292 | | |
| | Right side | 24.5 | | 24.0 | | 25.5 | 0.231 | 23.5 | 0.146 | 0.153 | 0.396 | 0.081 | 0.274 | 0.377 | 0.329 | 0.081 | 0.090 | | 0.146 | 0.852 | 0.663 | 0.704 | 0.556 | 0.565 | 0.501 | 0.317 |
| | Top side | 24.5 | | 24.0 | | 25.5 | 0.001 | 23.5 | 0.001 | 0.215 | 0.056 | | | 0.364 | 0.073 | 0.084 | | | 0.001 | 0.438 | 0.216 | 0.141 | 0.158 | 0.074 | 0.085 | 0.057 |
| | Bottom side | 24.5 | 0.482 | 24.0 | 0.430 | 25.5 | 0.300 | 23.5 | 0.189 | | | | | | | | | | 0.619 | 0.619 | 0.619 | 0.619 | 0.619 | 0.619 | 0.619 | |
| LTE Band 71, Ant 0 | Front | 24.5 | 0.289 | 24.0 | 0.258 | 25.5 | 0.183 | 25.5 | 0.183 | 0.158 | 0.319 | 0.115 | 0.214 | 0.276 | 0.201 | 0.083 | 0.061 | 0.441 | 0.918 | 0.874 | 0.958 | 0.725 | 0.703 | 0.738 | 0.617 | |
| | Back | 24.5 | 0.380 | 24.0 | 0.339 | 25.5 | 0.271 | 25.5 | 0.271 | 0.221 | 0.286 | 0.173 | 0.350 | 0.230 | 0.399 | 0.096 | 0.055 | 0.610 | 1.239 | 1.236 | 1.165 | 1.105 | 1.064 | 1.056 | 0.838 | |
| | Left side | 24.5 | 0.327 | 24.0 | 0.291 | 25.5 | 0.058 | 25.5 | 0.058 | | | | | | | | | | 0.349 | 0.349 | 0.349 | 0.349 | 0.349 | 0.349 | | |
| | Right side | 24.5 | | 24.0 | | 25.5 | 0.156 | 25.5 | 0.156 | 0.153 | 0.396 | 0.081 | 0.274 | 0.377 | 0.329 | 0.081 | 0.090 | | 0.156 | 0.862 | 0.673 | 0.714 | 0.566 | 0.575 | 0.511 | 0.327 |
| | Top side | 24.5 | | 24.0 | | 25.5 | 0.001 | 25.5 | 0.001 | 0.215 | 0.056 | | | 0.364 | 0.073 | 0.084 | | | 0.001 | 0.438 | 0.216 | 0.141 | 0.158 | 0.074 | 0.085 | 0.057 |
| | Bottom side | 24.5 | 0.482 | 24.0 | 0.430 | 25.5 | 0.149 | 25.5 | 0.149 | | | | | | | | | | 0.579 | 0.579 | 0.579 | 0.579 | 0.579 | 0.579 | | |
| LTE Band 26 / 5, Ant 2 | Front | 24.5 | 0.289 | 24.0 | 0.258 | 25.5 | 0.351 | 25.5 | 0.351 | 0.158 | 0.319 | 0.115 | 0.214 | 0.276 | 0.201 | 0.083 | 0.061 | 0.609 | 1.086 | 1.042 | 1.126 | 0.893 | 0.871 | 0.906 | 0.785 | |
| | Back | 24.5 | 0.380 | 24.0 | 0.339 | 25.5 | 0.307 | 25.5 | 0.307 | 0.221 | 0.286 | 0.173 | 0.350 | 0.230 | 0.399 | 0.096 | 0.055 | 0.646 | 1.275 | 1.272 | 1.201 | 1.141 | 1.100 | 1.092 | 0.874 | |
| | Left side | 24.5</ | | | | | | | | | | | | | | | | | | | | | | | | |



FCC SAR TEST REPORT

Report No. : FA082114A

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|-------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| n66_Ant 8 | LTE Band 71_Ant 2 | Top side | 24.5 | | 24.0 | | 25.5 | 0.244 | 25.5 | 0.244 | 0.215 | | 0.056 | | 0.364 | 0.073 | 0.084 | | 0.244 | 0.681 | 0.459 | 0.384 | 0.401 | 0.317 | 0.328 | 0.300 | |
| | | Bottom side | 24.5 | 0.482 | 24.0 | 0.430 | 25.5 | 0.001 | 25.5 | 0.001 | | | | | | | | | | 0.431 | 0.431 | 0.431 | 0.431 | 0.431 | 0.431 | 0.431 | 0.431 |
| | | Front | 24.5 | 0.289 | 24.0 | 0.258 | 25.5 | 0.174 | 25.5 | 0.174 | 0.158 | 0.319 | 0.115 | 0.214 | 0.276 | 0.201 | 0.083 | 0.061 | | 0.432 | 0.909 | 0.865 | 0.949 | 0.716 | 0.694 | 0.729 | 0.608 |
| | | Back | 24.5 | 0.380 | 24.0 | 0.339 | 25.5 | 0.137 | 25.5 | 0.137 | 0.221 | 0.286 | 0.173 | 0.350 | 0.230 | 0.399 | 0.096 | 0.055 | | 0.476 | 1.105 | 1.102 | 1.031 | 0.971 | 0.930 | 0.922 | 0.704 |
| | Left side | 24.5 | 0.327 | 24.0 | 0.291 | 25.5 | 0.001 | 25.5 | 0.001 | | | | | | | | | | 0.292 | 0.292 | 0.292 | 0.292 | 0.292 | 0.292 | 0.292 | 0.292 | |
| | Right side | 24.5 | | 24.0 | | 25.5 | 0.093 | 25.5 | 0.093 | 0.153 | 0.396 | 0.081 | 0.274 | 0.377 | 0.329 | 0.081 | 0.090 | | 0.093 | 0.799 | 0.610 | 0.651 | 0.503 | 0.512 | 0.448 | 0.264 | |
| | Top side | 24.5 | | 24.0 | | 25.5 | 0.121 | 25.5 | 0.121 | 0.215 | | 0.056 | | 0.364 | 0.073 | 0.084 | | | 0.121 | 0.558 | 0.336 | 0.261 | 0.278 | 0.194 | 0.205 | 0.177 | |
| | Bottom side | 24.5 | 0.482 | 24.0 | 0.430 | 25.5 | 0.001 | 25.5 | 0.001 | | | | | | | | | | 0.431 | 0.431 | 0.431 | 0.431 | 0.431 | 0.431 | 0.431 | 0.431 | |
| | Front | 24.5 | 0.376 | 22.5 | 0.237 | 25.5 | 0.433 | 23.0 | 0.243 | 0.158 | 0.319 | 0.115 | 0.214 | 0.276 | 0.201 | 0.083 | 0.061 | | 0.481 | 0.958 | 0.914 | 0.998 | 0.765 | 0.743 | 0.778 | 0.657 | |
| | Back | 24.5 | 0.316 | 22.5 | 0.199 | 25.5 | 0.545 | 23.0 | 0.306 | 0.221 | 0.286 | 0.173 | 0.350 | 0.230 | 0.399 | 0.096 | 0.055 | | 0.506 | 1.135 | 1.132 | 1.061 | 1.001 | 0.960 | 0.952 | 0.734 | |
| | Left side | 24.5 | 0.934 | 22.5 | 0.589 | 25.5 | 0.081 | 23.0 | 0.046 | | | | | | | | | | 0.635 | 0.635 | 0.635 | 0.635 | 0.635 | 0.635 | 0.635 | 0.635 | |
| | Right side | 24.5 | | 22.5 | | 25.5 | 0.178 | 23.0 | 0.100 | 0.153 | 0.396 | 0.081 | 0.274 | 0.377 | 0.329 | 0.081 | 0.090 | | 0.100 | 0.806 | 0.617 | 0.658 | 0.510 | 0.519 | 0.455 | 0.271 | |
| | Top side | 24.5 | | 22.5 | | 25.5 | 0.001 | 23.0 | 0.001 | 0.215 | | 0.056 | | 0.364 | 0.073 | 0.084 | | | 0.001 | 0.438 | 0.216 | 0.141 | 0.158 | 0.074 | 0.085 | 0.057 | |
| | Bottom side | 24.5 | | 22.5 | | 25.5 | 0.405 | 23.0 | 0.228 | | | | | | | | | | 0.228 | 0.228 | 0.228 | 0.228 | 0.228 | 0.228 | 0.228 | 0.228 | |
| | Front | 24.5 | 0.376 | 22.5 | 0.237 | 25.5 | 0.223 | 25.5 | 0.223 | 0.158 | 0.319 | 0.115 | 0.214 | 0.276 | 0.201 | 0.083 | 0.061 | | 0.460 | 0.937 | 0.893 | 0.977 | 0.744 | 0.722 | 0.757 | 0.636 | |
| | Back | 24.5 | 0.316 | 22.5 | 0.199 | 25.5 | 0.317 | 25.5 | 0.317 | 0.221 | 0.286 | 0.173 | 0.350 | 0.230 | 0.399 | 0.096 | 0.055 | | 0.516 | 1.145 | 1.142 | 1.071 | 1.011 | 0.970 | 0.962 | 0.744 | |
| | Left side | 24.5 | 0.934 | 22.5 | 0.589 | 25.5 | 0.063 | 25.5 | 0.063 | | | | | | | | | | 0.652 | 0.652 | 0.652 | 0.652 | 0.652 | 0.652 | 0.652 | 0.652 | |
| | Right side | 24.5 | | 22.5 | | 25.5 | 0.202 | 25.5 | 0.202 | 0.153 | 0.396 | 0.081 | 0.274 | 0.377 | 0.329 | 0.081 | 0.090 | | 0.202 | 0.908 | 0.719 | 0.760 | 0.612 | 0.621 | 0.557 | 0.373 | |
| | Top side | 24.5 | | 22.5 | | 25.5 | 0.001 | 25.5 | 0.001 | 0.215 | | 0.056 | | 0.364 | 0.073 | 0.084 | | | 0.001 | 0.438 | 0.216 | 0.141 | 0.158 | 0.074 | 0.085 | 0.057 | |
| | Bottom side | 24.5 | | 22.5 | | 25.5 | 0.179 | 25.5 | 0.179 | | | | | | | | | | 0.179 | 0.179 | 0.179 | 0.179 | 0.179 | 0.179 | 0.179 | 0.179 | |
| Front | 24.5 | 0.376 | 22.5 | 0.237 | 25.5 | 0.380 | 23.5 | 0.240 | 0.158 | 0.319 | 0.115 | 0.214 | 0.276 | 0.201 | 0.083 | 0.061 | | 0.477 | 0.954 | 0.910 | 0.994 | 0.761 | 0.739 | 0.774 | 0.653 | | |
| Back | 24.5 | 0.316 | 22.5 | 0.199 | 25.5 | 0.515 | 23.5 | 0.325 | 0.221 | 0.286 | 0.173 | 0.350 | 0.230 | 0.399 | 0.096 | 0.055 | | 0.524 | 1.153 | 1.150 | 1.079 | 1.019 | 0.978 | 0.970 | 0.752 | | |
| Left side | 24.5 | 0.934 | 22.5 | 0.589 | 25.5 | 0.001 | 23.5 | 0.001 | | | | | | | | | | 0.590 | 0.590 | 0.590 | 0.590 | 0.590 | 0.590 | 0.590 | 0.590 | | |
| Right side | 24.5 | | 22.5 | | 25.5 | 0.231 | 23.5 | 0.146 | 0.153 | 0.396 | 0.081 | 0.274 | 0.377 | 0.329 | 0.081 | 0.090 | | 0.146 | 0.852 | 0.663 | 0.704 | 0.556 | 0.565 | 0.501 | 0.317 | | |
| Top side | 24.5 | | 22.5 | | 25.5 | 0.001 | 23.5 | 0.001 | 0.215 | | 0.056 | | 0.364 | 0.073 | 0.084 | | | 0.001 | 0.438 | 0.216 | 0.141 | 0.158 | 0.074 | 0.085 | 0.057 | | |
| Bottom side | 24.5 | | 22.5 | | 25.5 | 0.300 | 23.5 | 0.189 | | | | | | | | | | 0.189 | 0.189 | 0.189 | 0.189 | 0.189 | 0.189 | 0.189 | 0.189 | | |
| Front | 24.5 | 0.376 | 22.5 | 0.237 | 25.5 | 0.183 | 25.5 | 0.183 | 0.158 | 0.319 | 0.115 | 0.214 | 0.276 | 0.201 | 0.083 | 0.061 | | 0.420 | 0.897 | 0.853 | 0.937 | 0.704 | 0.682 | 0.717 | 0.596 | | |
| Back | 24.5 | 0.316 | 22.5 | 0.199 | 25.5 | 0.271 | 25.5 | 0.271 | 0.221 | 0.286 | 0.173 | 0.350 | 0.230 | 0.399 | 0.096 | 0.055 | | 0.470 | 1.099 | 1.096 | 1.025 | 0.965 | 0.924 | 0.916 | 0.698 | | |
| Left side | 24.5 | 0.934 | 22.5 | 0.589 | 25.5 | 0.058 | 25.5 | 0.058 | | | | | | | | | | 0.647 | 0.647 | 0.647 | 0.647 | 0.647 | 0.647 | 0.647 | 0.647 | | |
| Right side | 24.5 | | 22.5 | | 25.5 | 0.156 | 25.5 | 0.156 | 0.153 | 0.396 | 0.081 | 0.274 | 0.377 | 0.329 | 0.081 | 0.090 | | 0.156 | 0.862 | 0.673 | 0.714 | 0.566 | 0.575 | 0.511 | 0.327 | | |
| Top side | 24.5 | | 22.5 | | 25.5 | 0.001 | 25.5 | 0.001 | 0.215 | | 0.056 | | 0.364 | 0.073 | 0.084 | | | 0.001 | 0.438 | 0.216 | 0.141 | 0.158 | 0.074 | 0.085 | 0.057 | | |
| Bottom side | 24.5 | | 22.5 | | 25.5 | 0.149 | 25.5 | 0.149 | | | | | | | | | | 0.149 | 0.149 | 0.149 | 0.149 | 0.149 | 0.149 | 0.149 | 0.149 | | |
| Front | 24.5 | 0.376 | 22.5 | 0.237 | 25.5 | 0.351 | 25.5 | 0.351 | 0.158 | 0.319 | 0.115 | 0.214 | 0.276 | 0.201 | 0.083 | 0.061 | | 0.588 | 1.065 | 1.021 | 1.105 | 0.872 | 0.850 | 0.885 | 0.764 | | |
| Back | 24.5 | 0.316 | 22.5 | 0.199 | 25.5 | 0.307 | 25.5 | 0.307 | 0.221 | 0.286 | 0.173 | 0.350 | 0.230 | 0.399 | 0.096 | 0.055 | | 0.506 | 1.135 | 1.132 | 1.061 | 1.001 | 0.960 | 0.952 | 0.734 | | |
| Left side | 24.5 | 0.934 | 22.5 | 0.589 | 25.5 | 0.054 | 25.5 | 0.054 | | | | | | | | | | 0.643 | 0.643 | 0.643 | 0.643 | 0.643 | 0.643 | 0.643 | 0.643 | | |
| Right side | 24.5 | | 22.5 | | 25.5 | 0.133 | 25.5 | 0.133 | 0.153 | 0.396 | 0.081 | 0.274 | 0.377 | 0.329 | 0.081 | 0.090 | | 0.133 | 0.839 | 0.650 | 0.691 | 0.543 | 0.552 | 0.488 | 0.304 | | |
| Top side | 24.5 | | 22.5 | | 25.5 | 0.247 | 25.5 | 0.247 | 0.215 | | 0.056 | | 0.364 | 0.073 | 0.084 | | | 0.247 | 0.684 | 0.462 | 0.387 | 0.404 | 0.320 | 0.331 | 0.303 | | |
| Bottom side | 24.5 | | 22.5 | | 25.5 | 0.001 | 25.5 | 0.001 | | | | | | | | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | | |
| Front | 24.5 | 0.376 | 22.5 | 0.237 | 25.5 | 0.089 | 25.5 | 0.089 | 0.158 | 0.319 | 0.115 | 0.214 | 0.276 | 0.201 | 0.083 | 0.061 | | 0.326 | 0.803 | 0.759 | 0.843 | 0.610 | 0.588 | 0.623 | 0.502 | | |
| Back | 24.5 | 0.316 | 22.5 | 0.199 | 25.5 | 0.076 | 25.5 | 0.076 | 0.221 | 0.286 | 0.173 | 0.350 | 0.230 | 0.399 | 0.096 | 0.055 | | 0.275 | 0.904 | 0.901 | 0.830 | 0.770 | 0.729 | 0.721 | 0.503 | | |
| Left side | 24.5 | 0.934 | 22.5 | 0.589 | 25.5 | 0.001 | 25.5 | 0.001 | | | | | | | | | | 0.590 | 0.590 | 0.590 | 0.590 | 0.590 | 0.590 | 0.590 | 0.590 | | |
| Right side | 24.5 | | 22.5 | | 25.5 | 0.075 | 25.5 | 0.075 | 0.153 | 0.396 | 0.081 | 0.274 | 0.377 | 0.329 | 0.081 | 0.090 | | 0.075 | 0.781 | 0.592 | 0.633 | 0.485 | 0.494 | 0.430 | 0.246 | | |
| Top side | 24.5 | | 22.5 | | 25.5 | 0.065 | 25.5 | 0.065 | 0.215 | | 0.056 | | 0.364 | 0.073 | 0.084 | | | 0.065 | 0.502 | 0.280 | 0.205 | 0.222 | 0.138 | 0.149 | 0.121 | | |
| Bottom side | 24.5 | | 22.5 | | 25.5 | 0.001 | 25.5 | 0.001 | | | | | | | | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | | |
| Front | 24.5 | 0.376 | 22.5 | 0.237 | 25.5 | 0.367 | 25.5 | 0.367 | 0.158 | 0.319 | 0.115 | 0.214 | 0.276 | 0.201 | 0.083 | 0.061 | | 0.604 | 1.081 | 1.037 | 1.121 | 0.888 | 0.866 | 0.901 | 0.780 | | |
| Back | 24.5 | 0.316 | 22.5 | 0.199 | 25.5 | 0.311 | 25.5 | 0.311 | 0.221 | 0.286 | 0.173 | 0.350 | 0.230 | 0.399 | 0.096 | 0.055 | | 0.510 | 1.139 | 1.136 | 1.065 | 1.005 | 0.964 | 0.956 | 0.738 | | |
| Left side | 24.5 | 0.934 | 22.5 | 0.589 | 25.5 | 0.001 | 25.5 | 0.001 | | | | | | | | | | 0.590 | 0.590 | 0.590 | 0.590 | 0.590 | 0.590 | 0.590 | 0.590 | | |
| Right side | 24.5 | | 22.5 | | 25.5 | 0.157 | 25.5 | 0.157 | 0.153 | 0.396 | 0.081 | 0.274 | 0.377 | 0.329 | 0.081 | 0.090 | | 0.157 | 0.863 | 0.674 | 0.715 | 0.567 | 0.576 | 0.512 | 0.328 | | |
| Top side | 24.5 | | 22.5 | | 25.5 | 0.244 | 25.5 | 0.244 | 0.215 | | 0.056 | | 0.364 | 0.073 | 0.084 | | | 0.244 | 0.681 | 0.459 | 0.384 | 0.401 | 0.317 | 0.328 | 0.300 | | |
| Bottom side | 24.5 | | 22.5 | | 25.5 | 0.001 | 25.5 | 0.001 | | | | | | | | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | | |
| Front | 24.5 | 0.376 | 22.5 | 0.237 | 25.5 | 0.174 | 25.5 | 0.174 | 0.158 | 0.319 | 0.115 | 0.214 | 0.276 | 0.201 | 0.083 | 0.061 | | 0.411 | 0.888 | 0.844 | 0.928 | 0.695 | 0.673 | 0.708 | 0.587 | | |
| Back | 24.5 | 0.316 | 22.5 | 0.199 | 25.5 | 0.137 | 25.5 | 0.137 | 0.221 | 0.286 | 0.173 | 0.350 | 0.230 | 0.399 | 0.096 | 0.055 | | 0.336 | 0.965 | 0.962 | 0.891 | 0.831 | 0.790 | 0.782 | 0.564 | | |
| Left side | 24.5 | 0.934 | 22.5 | 0.589 | 25.5 | 0.001 | 25.5 | 0.001 | | | | | | | | | | 0.590 | 0.590 | 0.590 | 0.590 | 0.590 | 0.590 | 0.590 | 0.590 | | |
| Right side | 24.5 | | 22.5 | | 25.5 | 0.093 | 25.5 | 0.093 | 0.153 | 0.396 | 0.081 | 0.274 | 0.377 | 0.329 | 0.081 | 0.090 | | 0.093 | 0.799 | | | | | | | | |



FCC SAR TEST REPORT

Report No. : FA082114A

Table with columns for band/antenna, side, frequency, and 20 SAR values. Rows include LTE Band 25/2 Ant 8, LTE Band 7 Ant 8, LTE Band 41/38 Ant 8, LTE Band 65/4 Ant 8, LTE Band 25/2 Ant 1, LTE Band 7 Ant 1, LTE Band 41/38 Ant 1, LTE Band 66/4 Ant 1, and LTE Band 25/2 Ant 8.



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| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|-------------|------|-------|------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|-------|-------|-------|-------|-------|-------|-------|-------|
| LTE Band 66 / 4_Ant 8 | Left side | 22.0 | 0.066 | 19.5 | 0.037 | 25.5 | 0.994 | 21.0 | 0.353 | | | | | | | | | | 0.390 | 0.390 | 0.390 | 0.390 | 0.390 | 0.390 | 0.390 | 0.390 |
| | Right side | 22.0 | | 19.5 | | 25.5 | 0.063 | 21.0 | 0.022 | 0.153 | 0.396 | 0.081 | 0.274 | 0.377 | 0.329 | 0.081 | 0.090 | | 0.022 | 0.728 | 0.539 | 0.580 | 0.432 | 0.441 | 0.377 | 0.193 |
| | Top side | 22.0 | | 19.5 | | 25.5 | 0.002 | 21.0 | 0.001 | 0.215 | | | 0.056 | | 0.364 | 0.073 | 0.084 | | 0.001 | 0.438 | 0.216 | 0.141 | 0.158 | 0.074 | 0.085 | 0.057 |
| | Bottom side | 22.0 | 0.080 | 19.5 | 0.045 | 25.5 | 0.070 | 21.0 | 0.025 | | | | | | | | | | 0.070 | 0.070 | 0.070 | 0.070 | 0.070 | 0.070 | 0.070 | 0.070 |
| | Front | 22.0 | 0.041 | 19.5 | 0.023 | 25.0 | 0.456 | 20.0 | 0.144 | 0.158 | 0.319 | 0.115 | 0.214 | 0.276 | 0.201 | 0.083 | 0.061 | | 0.070 | 0.644 | 0.600 | 0.684 | 0.451 | 0.429 | 0.464 | 0.343 |
| | Back | 22.0 | 0.585 | 19.5 | 0.329 | 25.0 | 0.408 | 20.0 | 0.129 | 0.221 | 0.286 | 0.173 | 0.350 | 0.230 | 0.399 | 0.096 | 0.055 | | 0.458 | 1.087 | 1.084 | 1.013 | 0.953 | 0.912 | 0.904 | 0.686 |
| | Left side | 22.0 | 0.066 | 19.5 | 0.037 | 25.0 | 1.122 | 20.0 | 0.355 | | | | | | | | | | 0.392 | 0.392 | 0.392 | 0.392 | 0.392 | 0.392 | 0.392 | 0.392 |
| | Right side | 22.0 | | 19.5 | | 25.0 | 0.001 | 20.0 | 0.000 | 0.153 | 0.396 | 0.081 | 0.274 | 0.377 | 0.329 | 0.081 | 0.090 | | 0.000 | 0.706 | 0.517 | 0.558 | 0.410 | 0.419 | 0.355 | 0.171 |
| | Top side | 22.0 | | 19.5 | | 25.0 | 0.001 | 20.0 | 0.000 | 0.215 | | | 0.056 | | 0.364 | 0.073 | 0.084 | | 0.000 | 0.437 | 0.215 | 0.140 | 0.157 | 0.073 | 0.084 | 0.056 |
| | Bottom side | 22.0 | 0.080 | 19.5 | 0.045 | 25.0 | 0.073 | 20.0 | 0.023 | | | | | | | | | | 0.068 | 0.068 | 0.068 | 0.068 | 0.068 | 0.068 | 0.068 | 0.068 |

<EN-DC active with WLAN/BT Camera Mode>

| WWAN Band | Exposure Position | NR Standalone Maximum Power (dBm) | NR Standalone 1g SAR (W/kg) | EN-DC + WLAN NR Maximum Power (dBm) | 0 NR Estimated 1g SAR (W/kg) | LTE Standalone Maximum Power (dBm) | LTE Standalone 1g SAR (W/kg) | EN-DC + WLAN LTE Maximum Power (dBm) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|------------------------|-----------------------------------|-----------------------------|-------------------------------------|------------------------------|------------------------------------|------------------------------|--------------------------------------|-----------------------------|---------------------------------|---------------------------------|-------------------------------|-------------------------------|-----------------------------------|---------------------------------|-------------------------------|-------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|---------|--|---------|--|
| | | | | | | | | | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 0-1 | | 0+1+6+7 | | 0+1+2+5+9 | | 0+1+3+4+8 | | 0+1+7+9 | | 0+1+7+9 | | 0+1+5+8 | | 0+1+4+9 | |
| | | | | | | | | | LTE Estimated 1g SAR (W/kg) | 2.4GHz WLAN Ant 6 1g SAR (W/kg) | 2.4GHz WLAN Ant 5 1g SAR (W/kg) | 5GHz WLAN Ant 6 1g SAR (W/kg) | 5GHz WLAN Ant 5 1g SAR (W/kg) | 2.4GHz WLAN Ant 6+5 1g SAR (W/kg) | 5GHz WLAN Ant 6+5 1g SAR (W/kg) | Bluetooth Ant 6 1g SAR (W/kg) | Bluetooth Ant 5 1g SAR (W/kg) | Summed 1g SAR (W/kg) | Summed 1g SAR (W/kg) | Summed 1g SAR (W/kg) | Summed 1g SAR (W/kg) | Summed 1g SAR (W/kg) | Summed 1g SAR (W/kg) | Summed 1g SAR (W/kg) | Summed 1g SAR (W/kg) | Summed 1g SAR (W/kg) | Summed 1g SAR (W/kg) | Summed 1g SAR (W/kg) | Summed 1g SAR (W/kg) | Summed 1g SAR (W/kg) | Summed 1g SAR (W/kg) | Summed 1g SAR (W/kg) | Summed 1g SAR (W/kg) | Summed 1g SAR (W/kg) | Summed 1g SAR (W/kg) | Summed 1g SAR (W/kg) | Summed 1g SAR (W/kg) | Summed 1g SAR (W/kg) | | | | |
| n25 / 2_Ant 1 | LTE Band 26 / 5_Ant 0 | Front | 23.5 | 0.436 | 19.0 | 0.155 | 25.5 | 0.433 | 23.0 | 0.243 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.398 | 0.650 | 0.810 | 0.738 | 0.481 | 0.541 | 0.628 | 0.544 | | | | | | | | | | | | | | | | |
| | | Back | 23.5 | 0.587 | 19.0 | 0.208 | 25.5 | 0.545 | 23.0 | 0.306 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.515 | 1.168 | 0.946 | 1.182 | 0.968 | 0.965 | 0.764 | 0.931 | | | | | | | | | | | | | | | | |
| | | Left side | 23.5 | 0.520 | 19.0 | 0.185 | 25.5 | 0.081 | 23.0 | 0.046 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.230 | 0.548 | 0.534 | 0.396 | 0.378 | 0.302 | 0.387 | 0.320 | | | | | | | | | | | | | | | | |
| | | Right side | 23.5 | | 19.0 | | 25.5 | 0.178 | 23.0 | 0.100 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.100 | 0.509 | 0.461 | 0.544 | 0.167 | 0.257 | 0.371 | 0.238 | | | | | | | | | | | | | | | | |
| | | Top side | 23.5 | | 19.0 | | 25.5 | 0.001 | 23.0 | 0.001 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.001 | 0.193 | 0.002 | 0.073 | 0.077 | 0.076 | 0.002 | 0.072 | | | | | | | | | | | | | | | | |
| | | Bottom side | 23.5 | 1.179 | 19.0 | 0.418 | 25.5 | 0.405 | 23.0 | 0.228 | | | | | 0.056 | | | | | 0.646 | 0.646 | 0.702 | 0.646 | 0.646 | 0.646 | 0.702 | 0.646 | | | | | | | | | | | | | | | |
| | LTE Band 12 / 17_Ant 0 | Front | 23.5 | 0.436 | 19.0 | 0.155 | 25.5 | 0.223 | 25.5 | 0.223 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.378 | 0.630 | 0.790 | 0.718 | 0.461 | 0.521 | 0.608 | 0.524 | | | | | | | | | | | | | | | | |
| | | Back | 23.5 | 0.587 | 19.0 | 0.208 | 25.5 | 0.317 | 25.5 | 0.317 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.525 | 1.178 | 0.956 | 1.192 | 0.978 | 0.975 | 0.774 | 0.941 | | | | | | | | | | | | | | | | |
| | | Left side | 23.5 | 0.520 | 19.0 | 0.185 | 25.5 | 0.063 | 25.5 | 0.063 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.248 | 0.566 | 0.552 | 0.414 | 0.396 | 0.320 | 0.405 | 0.338 | | | | | | | | | | | | | | | | |
| | | Right side | 23.5 | | 19.0 | | 25.5 | 0.202 | 25.5 | 0.202 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.202 | 0.611 | 0.563 | 0.646 | 0.289 | 0.359 | 0.473 | 0.340 | | | | | | | | | | | | | | | | |
| | | Top side | 23.5 | | 19.0 | | 25.5 | 0.001 | 25.5 | 0.001 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.001 | 0.193 | 0.002 | 0.073 | 0.077 | 0.076 | 0.002 | 0.072 | | | | | | | | | | | | | | | | |
| | | Bottom side | 23.5 | 1.179 | 19.0 | 0.418 | 25.5 | 0.179 | 25.5 | 0.179 | | | | | 0.056 | | | | | 0.597 | 0.597 | 0.653 | 0.597 | 0.597 | 0.597 | 0.653 | 0.597 | | | | | | | | | | | | | | | |
| | LTE Band 13_Ant 0 | Front | 23.5 | 0.436 | 19.0 | 0.155 | 25.5 | 0.380 | 23.5 | 0.240 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.394 | 0.646 | 0.806 | 0.734 | 0.477 | 0.537 | 0.624 | 0.540 | | | | | | | | | | | | | | | | |
| | | Back | 23.5 | 0.587 | 19.0 | 0.208 | 25.5 | 0.515 | 23.5 | 0.325 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.533 | 1.186 | 0.964 | 1.200 | 0.986 | 0.983 | 0.782 | 0.949 | | | | | | | | | | | | | | | | |
| | | Left side | 23.5 | 0.520 | 19.0 | 0.185 | 25.5 | 0.001 | 23.5 | 0.001 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.185 | 0.503 | 0.489 | 0.351 | 0.333 | 0.257 | 0.342 | 0.275 | | | | | | | | | | | | | | | | |
| | | Right side | 23.5 | | 19.0 | | 25.5 | 0.231 | 23.5 | 0.146 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.146 | 0.555 | 0.507 | 0.590 | 0.213 | 0.303 | 0.417 | 0.284 | | | | | | | | | | | | | | | | |
| | | Top side | 23.5 | | 19.0 | | 25.5 | 0.001 | 23.5 | 0.001 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.001 | 0.193 | 0.002 | 0.073 | 0.077 | 0.076 | 0.002 | 0.072 | | | | | | | | | | | | | | | | |
| | | Bottom side | 23.5 | 1.179 | 19.0 | 0.418 | 25.5 | 0.300 | 23.5 | 0.189 | | | | | 0.056 | | | | | 0.608 | 0.608 | 0.664 | 0.608 | 0.608 | 0.608 | 0.664 | 0.608 | | | | | | | | | | | | | | | |
| | LTE Band 26 / 5_Ant 2 | Front | 23.5 | 0.436 | 19.0 | 0.155 | 25.5 | 0.351 | 25.5 | 0.351 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.506 | 0.758 | 0.918 | 0.846 | 0.589 | 0.649 | 0.736 | 0.652 | | | | | | | | | | | | | | | | |
| | | Back | 23.5 | 0.587 | 19.0 | 0.208 | 25.5 | 0.307 | 25.5 | 0.307 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.515 | 1.168 | 0.946 | 1.182 | 0.968 | 0.965 | 0.764 | 0.931 | | | | | | | | | | | | | | | | |
| | | Left side | 23.5 | 0.520 | 19.0 | 0.185 | 25.5 | 0.054 | 25.5 | 0.054 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.239 | 0.557 | 0.543 | 0.405 | 0.387 | 0.311 | 0.396 | 0.329 | | | | | | | | | | | | | | | | |
| | | Right side | 23.5 | | 19.0 | | 25.5 | 0.133 | 25.5 | 0.133 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.133 | 0.542 | 0.494 | 0.577 | 0.200 | 0.290 | 0.404 | 0.271 | | | | | | | | | | | | | | | | |
| | | Top side | 23.5 | | 19.0 | | 25.5 | 0.247 | 25.5 | 0.247 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.247 | 0.439 | 0.248 | 0.319 | 0.323 | 0.322 | 0.248 | 0.318 | | | | | | | | | | | | | | | | |
| | | Bottom side | 23.5 | 1.179 | 19.0 | 0.418 | 25.5 | 0.001 | 25.5 | 0.001 | | | | | 0.056 | | | | | 0.419 | 0.419 | 0.475 | 0.419 | 0.419 | 0.419 | 0.475 | 0.419 | | | | | | | | | | | | | | | |
| LTE Band 12 / 17_Ant 2 | Front | 23.5 | 0.436 | 19.0 | 0.155 | 25.5 | 0.089 | 25.5 | 0.089 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.244 | 0.496 | 0.656 | 0.584 | 0.327 | 0.387 | 0.474 | 0.390 | | | | | | | | | | | | | | | | | |
| | Back | 23.5 | 0.587 | 19.0 | 0.208 | 25.5 | 0.076 | 25.5 | 0.076 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.284 | 0.937 | 0.715 | 0.951 | 0.737 | 0.734 | 0.533 | 0.700 | | | | | | | | | | | | | | | | | |
| | Left side | 23.5 | 0.520 | 19.0 | 0.185 | 25.5 | 0.001 | 25.5 | 0.001 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.186 | 0.504 | 0.490 | 0.352 | 0.334 | 0.258 | 0.343 | 0.276 | | | | | | | | | | | | | | | | | |
| | Right side | 23.5 | | 19.0 | | 25.5 | 0.075 | 25.5 | 0.075 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.075 | 0.484 | 0.436 | 0.519 | 0.142 | 0.232 | 0.346 | 0.213 | | | | | | | | | | | | | | | | | |
| | Top side | 23.5 | | 19.0 | | 25.5 | 0.065 | 25.5 | 0.065 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.065 | 0.257 | 0.066 | 0.137 | 0.141 | 0.140 | 0.066 | 0.136 | | | | | | | | | | | | | | | | | |
| | Bottom side | 23.5 | 1.179 | 19.0 | 0.418 | 25.5 | 0.001 | 25.5 | 0.001 | | | | | 0.056 | | | | | 0.419 | 0.419 | 0.475 | 0.419 | 0.419 | 0.419 | 0.475 | 0.419 | | | | | | | | | | | | | | | | |
| LTE Band 13_Ant 2 | Front | 23.5 | 0.436 | 19.0 | 0.155 | 25.5 | 0.367 | 25.5 | 0.367 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.522 | 0.774 | 0.934 | 0.862 | 0.605 | 0.665 | 0.752 | 0.668 | | | | | | | | | | | | | | | | | |
| | Back | 23.5 | 0.587 | 19.0 | 0.208 | 25.5 | 0.311 | 25.5 | 0.311 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.519 | 1.172 | 0.950 | 1.186 | 0.972 | 0.969 | 0.768 | 0.935 | | | | | | | | | | | | | | | | | |
| | Left side | 23.5 | 0.520 | 19.0 | 0.185 | 25.5 | 0.001 | 25.5 | 0.001 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.186 | 0.504 | 0.490 | 0.352 | 0.334 | 0.258 | 0.343 | 0.276 | | | | | | | | | | | | | | | | | |



FCC SAR TEST REPORT

Report No. : FA082114A

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|-----------------------|------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| LTE Band 26 / 5_Ant 2 | Top side | 24.0 | | 20.0 | | 25.5 | 0.001 | 23.5 | 0.001 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.001 | 0.193 | 0.002 | 0.073 | 0.077 | 0.076 | 0.002 | 0.072 | |
| | Bottom side | 24.0 | | 20.0 | | 25.5 | 0.300 | 23.5 | 0.189 | | | 0.056 | | | | | | 0.189 | 0.189 | 0.245 | 0.189 | 0.189 | 0.189 | 0.245 | 0.189 | |
| | Front | 24.0 | 0.480 | 20.0 | 0.191 | 25.5 | 0.351 | 25.5 | 0.351 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.542 | 0.794 | 0.954 | 0.862 | 0.625 | 0.685 | 0.772 | 0.688 | |
| | Back | 24.0 | 0.400 | 20.0 | 0.159 | 25.5 | 0.307 | 25.5 | 0.307 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.466 | 1.119 | 0.897 | 1.133 | 0.919 | 0.916 | 0.715 | 0.882 | |
| | Left side | 24.0 | 1.140 | 20.0 | 0.454 | 25.5 | 0.054 | 25.5 | 0.054 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.508 | 0.826 | 0.812 | 0.674 | 0.656 | 0.580 | 0.665 | 0.598 | |
| | Right side | 24.0 | | 20.0 | | 25.5 | 0.133 | 25.5 | 0.133 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.133 | 0.542 | 0.494 | 0.577 | 0.200 | 0.290 | 0.404 | 0.271 | |
| | Top side | 24.0 | | 20.0 | | 25.5 | 0.247 | 25.5 | 0.247 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.247 | 0.439 | 0.248 | 0.319 | 0.323 | 0.322 | 0.248 | 0.318 | |
| | Bottom side | 24.0 | | 20.0 | | 25.5 | 0.001 | 25.5 | 0.001 | | | | | | | | | 0.001 | 0.001 | 0.057 | 0.001 | 0.001 | 0.001 | 0.057 | 0.001 | |
| | LTE Band 12 / 17_Ant 2 | Front | 24.0 | 0.480 | 20.0 | 0.191 | 25.5 | 0.089 | 25.5 | 0.089 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.280 | 0.532 | 0.692 | 0.620 | 0.363 | 0.423 | 0.510 | 0.426 |
| | | Back | 24.0 | 0.400 | 20.0 | 0.159 | 25.5 | 0.076 | 25.5 | 0.076 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.235 | 0.888 | 0.666 | 0.902 | 0.688 | 0.685 | 0.484 | 0.651 |
| | | Left side | 24.0 | 1.140 | 20.0 | 0.454 | 25.5 | 0.001 | 25.5 | 0.001 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.455 | 0.773 | 0.759 | 0.621 | 0.603 | 0.527 | 0.612 | 0.545 |
| | | Right side | 24.0 | | 20.0 | | 25.5 | 0.075 | 25.5 | 0.075 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.075 | 0.484 | 0.436 | 0.519 | 0.142 | 0.232 | 0.346 | 0.213 |
| | | Top side | 24.0 | | 20.0 | | 25.5 | 0.065 | 25.5 | 0.065 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.065 | 0.257 | 0.066 | 0.137 | 0.141 | 0.140 | 0.066 | 0.136 |
| | | Bottom side | 24.0 | | 20.0 | | 25.5 | 0.001 | 25.5 | 0.001 | | | | | | | | | 0.001 | 0.001 | 0.057 | 0.001 | 0.001 | 0.001 | 0.057 | 0.001 |
| | LTE Band 13_Ant 2 | Front | 24.0 | 0.480 | 20.0 | 0.191 | 25.5 | 0.367 | 25.5 | 0.367 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.558 | 0.810 | 0.970 | 0.898 | 0.601 | 0.701 | 0.788 | 0.704 |
| | | Back | 24.0 | 0.400 | 20.0 | 0.159 | 25.5 | 0.311 | 25.5 | 0.311 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.470 | 1.123 | 0.901 | 1.137 | 0.923 | 0.920 | 0.719 | 0.886 |
| | | Left side | 24.0 | 1.140 | 20.0 | 0.454 | 25.5 | 0.001 | 25.5 | 0.001 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.455 | 0.773 | 0.759 | 0.621 | 0.603 | 0.527 | 0.612 | 0.545 |
| | | Right side | 24.0 | | 20.0 | | 25.5 | 0.157 | 25.5 | 0.157 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.157 | 0.566 | 0.518 | 0.601 | 0.224 | 0.314 | 0.428 | 0.295 |
| Top side | | 24.0 | | 20.0 | | 25.5 | 0.244 | 25.5 | 0.244 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.244 | 0.436 | 0.245 | 0.316 | 0.320 | 0.319 | 0.245 | 0.315 | |
| Bottom side | | 24.0 | | 20.0 | | 25.5 | 0.001 | 25.5 | 0.001 | | | | | | | | | 0.001 | 0.001 | 0.057 | 0.001 | 0.001 | 0.001 | 0.057 | 0.001 | |
| n25_Ant 1 | Front | 23.5 | 0.436 | 19.0 | 0.155 | 20.0 | 0.162 | 20.0 | 0.162 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.317 | 0.569 | 0.729 | 0.657 | 0.400 | 0.460 | 0.547 | 0.463 | |
| | Back | 23.5 | 0.587 | 19.0 | 0.208 | 20.0 | 0.133 | 20.0 | 0.133 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.341 | 0.994 | 0.772 | 1.008 | 0.794 | 0.791 | 0.590 | 0.757 | |
| | Left side | 23.5 | 0.520 | 19.0 | 0.185 | 20.0 | 0.359 | 20.0 | 0.359 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.544 | 0.862 | 0.848 | 0.710 | 0.692 | 0.616 | 0.701 | 0.634 | |
| | Right side | 23.5 | | 19.0 | | 20.0 | 0.001 | 20.0 | 0.001 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.001 | 0.410 | 0.362 | 0.445 | 0.068 | 0.158 | 0.272 | 0.139 | |
| | Top side | 23.5 | | 19.0 | | 20.0 | 0.001 | 20.0 | 0.001 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.001 | 0.193 | 0.002 | 0.073 | 0.077 | 0.076 | 0.002 | 0.072 | |
| | Bottom side | 23.5 | 1.179 | 19.0 | 0.418 | 20.0 | 0.034 | 20.0 | 0.034 | | | | | | | | | 0.452 | 0.452 | 0.508 | 0.452 | 0.452 | 0.508 | 0.452 | 0.452 | |
| n25_Ant 8 | Front | 24.0 | 0.480 | 20.0 | 0.191 | 24.5 | 0.187 | 24.5 | 0.187 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.378 | 0.630 | 0.790 | 0.718 | 0.461 | 0.521 | 0.608 | 0.524 | |
| | Back | 24.0 | 0.400 | 20.0 | 0.159 | 24.5 | 0.282 | 24.5 | 0.282 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.441 | 1.094 | 0.872 | 1.108 | 0.894 | 0.891 | 0.690 | 0.857 | |
| | Left side | 24.0 | 1.140 | 20.0 | 0.454 | 24.5 | 0.221 | 24.5 | 0.221 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.675 | 0.993 | 0.979 | 0.841 | 0.823 | 0.747 | 0.832 | 0.765 | |
| | Right side | 24.0 | | 20.0 | | 24.5 | 0.001 | 24.5 | 0.001 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.001 | 0.410 | 0.362 | 0.445 | 0.068 | 0.158 | 0.272 | 0.139 | |
| | Top side | 24.0 | | 20.0 | | 24.5 | 0.001 | 24.5 | 0.001 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.001 | 0.193 | 0.002 | 0.073 | 0.077 | 0.076 | 0.002 | 0.072 | |
| | Bottom side | 24.0 | | 20.0 | | 24.5 | 0.179 | 24.5 | 0.179 | | | | | | | | | 0.179 | 0.179 | 0.235 | 0.179 | 0.179 | 0.179 | 0.235 | 0.179 | |

| WLAN Band | Exposure Position | NR Standalone Maximum Power (dBm) | NR Standalone 1g SAR (W/kg) | EN-DC + WLAN NR Maximum Power (dBm) | 0 | | EN-DC + WLAN NR Maximum Power (dBm) | 1 | | | | | | | | | 0+1 Summed 1g SAR (W/kg) | 0+1+6+7 Summed 1g SAR (W/kg) | 0+1+2+5+9 Summed 1g SAR (W/kg) | 0+1+3+4+8 Summed 1g SAR (W/kg) | 0+1+7+8 Summed 1g SAR (W/kg) | 0+1+7+9 Summed 1g SAR (W/kg) | 0+1+5+8 Summed 1g SAR (W/kg) | 0+1+4+9 Summed 1g SAR (W/kg) | |
|-----------------------|-------------------|-----------------------------------|-----------------------------|-------------------------------------|------------------------------------|---------------|-------------------------------------|---------------|-------------------|-------------------|-----------------|-----------------|---------------------|-------------------|-----------------|-----------------|--------------------------|------------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------|
| | | | | | LTE Standalone Maximum Power (dBm) | 1g SAR (W/kg) | | LTE Estimated | 2.4GHz WLAN Ant 6 | 2.4GHz WLAN Ant 5 | 5GHz WLAN Ant 6 | 5GHz WLAN Ant 5 | 2.4GHz WLAN Ant 6+5 | 5GHz WLAN Ant 6+5 | Bluetooth Ant 6 | Bluetooth Ant 5 | | | | | | | | | |
| LTE Band 25 / 2_Ant 1 | Front | 24.5 | 0.225 | 24.5 | 0.225 | 23.0 | 0.401 | 19.0 | 0.160 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.385 | 0.637 | 0.797 | 0.725 | 0.468 | 0.528 | 0.615 | 0.531 |
| | Back | 24.5 | 0.326 | 24.5 | 0.326 | 23.0 | 0.527 | 19.0 | 0.210 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.536 | 1.189 | 0.967 | 1.203 | 0.989 | 0.986 | 0.785 | 0.952 |
| | Left side | 24.5 | 0.001 | 24.5 | 0.001 | 23.0 | 0.474 | 19.0 | 0.189 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.190 | 0.508 | 0.494 | 0.356 | 0.338 | 0.262 | 0.347 | 0.280 |
| | Right side | 24.5 | 0.001 | 24.5 | 0.001 | 23.0 | 0.060 | 19.0 | 0.024 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.025 | 0.434 | 0.386 | 0.469 | 0.092 | 0.182 | 0.296 | 0.163 |
| | Top side | 24.5 | | 24.5 | | 23.0 | 0.001 | 19.0 | 0.000 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.000 | 0.192 | 0.001 | 0.072 | 0.076 | 0.075 | 0.001 | 0.071 |
| | Bottom side | 24.5 | 0.234 | 24.5 | 0.234 | 23.0 | 1.069 | 19.0 | 0.426 | | | | | | | | | 0.660 | 0.660 | 0.716 | 0.660 | 0.660 | 0.660 | 0.716 | 0.660 |
| LTE Band 7_Ant 1 | Front | 24.5 | 0.225 | 24.5 | 0.225 | 24.0 | 0.388 | 20.5 | 0.173 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.398 | 0.650 | 0.810 | 0.738 | 0.481 | 0.541 | 0.628 | 0.544 |
| | Back | 24.5 | 0.326 | 24.5 | 0.326 | 24.0 | 0.686 | 20.5 | 0.306 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.632 | 1.285 | 1.063 | 1.299 | 1.085 | 1.082 | 0.881 | 1.048 |
| | Left side | 24.5 | 0.001 | 24.5 | 0.001 | 24.0 | 0.525 | 20.5 | 0.235 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.236 | 0.554 | 0.540 | 0.420 | 0.384 | 0.308 | 0.393 | 0.326 |
| | Right side | 24.5 | 0.001 | 24.5 | 0.001 | 24.0 | 0.099 | 20.5 | 0.044 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.045 | 0.454 | 0.406 | 0.489 | 0.112 | 0.202 | 0.316 | 0.183 |
| | Top side | 24.5 | | 24.5 | | 24.0 | 0.001 | 20.5 | 0.000 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.000 | 0.192 | 0.001 | 0.072 | 0.076 | 0.075 | 0.001 | 0.071 |
| | Bottom side | 24.5 | 0.234 | 24.5 | 0.234 | 24.0 | 1.031 | 20.5 | 0.461 | | | | | | | | | 0.695 | 0.695 | 0.751 | 0.695 | 0.695 | 0.695 | 0.751 | 0.695 |
| n5_Ant 0 | Front | 24.5 | 0.225 | 24.5 | 0.225 | 25.5 | 0.291 | 24.0 | 0.206 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.431 | 0.683 | 0.843 | 0.771 | 0.514 | 0.574 | 0.661 | 0.577 |
| | Back | 24.5 | 0.326 | 24.5 | 0.326 | 25.5 | 0.411 | 24.0 | 0.291 | 0.185 | | | | | | | | | | | | | | | |



FCC SAR TEST REPORT

Report No. : FA082114A

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|-------------|-------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| n5_Ant 2 | LTE Band 25/ 2_Ant 1 | Back | 24.5 | 0.326 | 24.5 | 0.326 | 25.0 | 0.408 | 20.0 | 0.129 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.455 | 1.108 | 0.886 | 1.122 | 0.908 | 0.905 | 0.704 | 0.871 |
| | | Left side | 24.5 | 0.001 | 24.5 | 0.001 | 25.0 | 1.122 | 20.0 | 0.355 | 0.223 | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | 0.356 | 0.674 | 0.660 | 0.522 | 0.504 | 0.428 | 0.513 | 0.446 | | |
| | | Right side | 24.5 | 0.001 | 24.5 | 0.001 | 25.0 | 0.001 | 20.0 | 0.000 | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | 0.090 | 0.001 | 0.410 | 0.362 | 0.445 | 0.068 | 0.158 | 0.272 | 0.139 | | |
| | | Top side | 24.5 | 0.234 | 24.5 | 0.234 | 25.0 | 0.073 | 20.0 | 0.023 | 0.001 | 0.071 | 0.117 | 0.075 | 0.001 | 0.000 | 0.192 | 0.001 | 0.072 | 0.076 | 0.075 | 0.001 | 0.071 | | | |
| | | Bottom side | 24.5 | 0.357 | 24.5 | 0.357 | 23.0 | 0.401 | 19.0 | 0.160 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.517 | 0.769 | 0.929 | 0.857 | 0.600 | 0.660 | 0.747 | 0.663 |
| | | Back | 24.5 | 0.353 | 24.5 | 0.353 | 23.0 | 0.527 | 19.0 | 0.210 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.563 | 1.216 | 0.994 | 1.230 | 1.016 | 1.013 | 0.812 | 0.979 |
| | Left side | 24.5 | 0.002 | 24.5 | 0.002 | 23.0 | 0.474 | 19.0 | 0.189 | 0.223 | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | 0.191 | 0.509 | 0.495 | 0.357 | 0.339 | 0.263 | 0.348 | 0.281 | | | |
| | Right side | 24.5 | 0.155 | 24.5 | 0.155 | 23.0 | 0.060 | 19.0 | 0.024 | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | 0.090 | 0.179 | 0.588 | 0.540 | 0.623 | 0.246 | 0.336 | 0.450 | 0.317 | | | |
| | Top side | 24.5 | 0.228 | 24.5 | 0.228 | 23.0 | 0.001 | 19.0 | 0.000 | 0.001 | 0.071 | 0.117 | 0.075 | 0.001 | 0.228 | 0.420 | 0.229 | 0.300 | 0.304 | 0.303 | 0.229 | 0.299 | | | | |
| | Bottom side | 24.5 | 0.357 | 24.5 | 0.357 | 24.0 | 0.388 | 20.5 | 0.173 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.530 | 0.782 | 0.942 | 0.870 | 0.613 | 0.673 | 0.708 | 0.676 | |
| | Back | 24.5 | 0.353 | 24.5 | 0.353 | 24.0 | 0.686 | 20.5 | 0.306 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.659 | 1.312 | 1.090 | 1.326 | 1.112 | 1.109 | 0.960 | 1.075 | |
| | Left side | 24.5 | 0.002 | 24.5 | 0.002 | 24.0 | 0.525 | 20.5 | 0.235 | 0.223 | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | 0.237 | 0.555 | 0.541 | 0.403 | 0.385 | 0.309 | 0.394 | 0.327 | | | |
| | Right side | 24.5 | 0.155 | 24.5 | 0.155 | 24.0 | 0.099 | 20.5 | 0.044 | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | 0.090 | 0.199 | 0.608 | 0.560 | 0.643 | 0.266 | 0.356 | 0.470 | 0.337 | | | |
| | Top side | 24.5 | 0.228 | 24.5 | 0.228 | 24.0 | 0.001 | 20.5 | 0.000 | 0.001 | 0.071 | 0.117 | 0.075 | 0.001 | 0.228 | 0.420 | 0.229 | 0.300 | 0.304 | 0.303 | 0.229 | 0.299 | | | | |
| | Bottom side | 24.5 | 0.357 | 24.5 | 0.357 | 24.0 | 1.031 | 20.5 | 0.461 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.563 | 0.815 | 0.975 | 0.903 | 0.646 | 0.706 | 0.793 | 0.709 | |
| | Front | 24.5 | 0.357 | 24.5 | 0.357 | 25.5 | 0.291 | 24.0 | 0.206 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.563 | 0.815 | 0.975 | 0.903 | 0.646 | 0.706 | 0.793 | 0.709 | |
| | Back | 24.5 | 0.353 | 24.5 | 0.353 | 25.5 | 0.411 | 24.0 | 0.291 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.644 | 1.297 | 1.075 | 1.311 | 1.097 | 1.094 | 0.893 | 1.060 | |
| | Left side | 24.5 | 0.002 | 24.5 | 0.002 | 25.5 | 0.320 | 24.0 | 0.227 | 0.223 | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | 0.229 | 0.547 | 0.533 | 0.395 | 0.377 | 0.301 | 0.386 | 0.319 | | | |
| | Right side | 24.5 | 0.155 | 24.5 | 0.155 | 25.5 | 0.001 | 24.0 | 0.001 | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | 0.090 | 0.156 | 0.565 | 0.517 | 0.600 | 0.223 | 0.313 | 0.427 | 0.294 | | | |
| | Top side | 24.5 | 0.228 | 24.5 | 0.228 | 25.5 | 0.001 | 24.0 | 0.001 | 0.001 | 0.071 | 0.117 | 0.075 | 0.001 | 0.229 | 0.421 | 0.230 | 0.301 | 0.305 | 0.304 | 0.230 | 0.300 | | | | |
| | Bottom side | 24.5 | 0.357 | 24.5 | 0.357 | 24.0 | 0.534 | 18.5 | 0.151 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.508 | 0.760 | 0.920 | 0.848 | 0.591 | 0.651 | 0.738 | 0.654 | |
| | Back | 24.5 | 0.353 | 24.5 | 0.353 | 24.0 | 0.457 | 18.5 | 0.129 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.482 | 1.135 | 0.913 | 1.149 | 0.935 | 0.932 | 0.731 | 0.898 | |
| | Left side | 24.5 | 0.002 | 24.5 | 0.002 | 24.0 | 1.174 | 18.5 | 0.331 | 0.223 | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | 0.333 | 0.651 | 0.637 | 0.499 | 0.481 | 0.405 | 0.490 | 0.423 | | | |
| | Right side | 24.5 | 0.155 | 24.5 | 0.155 | 24.0 | 0.002 | 18.5 | 0.001 | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | 0.090 | 0.156 | 0.565 | 0.517 | 0.600 | 0.223 | 0.313 | 0.427 | 0.294 | | | |
| Top side | 24.5 | 0.228 | 24.5 | 0.228 | 24.0 | 0.064 | 18.5 | 0.018 | 0.001 | 0.071 | 0.117 | 0.075 | 0.001 | 0.246 | 0.438 | 0.247 | 0.318 | 0.322 | 0.321 | 0.247 | 0.319 | | | | | |
| Bottom side | 24.5 | 0.357 | 24.5 | 0.357 | 24.0 | 0.105 | 18.5 | 0.030 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.508 | 0.760 | 0.920 | 0.848 | 0.591 | 0.651 | 0.738 | 0.654 | | |
| Front | 24.5 | 0.357 | 24.5 | 0.357 | 24.5 | 0.534 | 19.0 | 0.151 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.508 | 0.760 | 0.920 | 0.848 | 0.591 | 0.651 | 0.738 | 0.654 | | |
| Back | 24.5 | 0.353 | 24.5 | 0.353 | 24.5 | 0.537 | 19.0 | 0.151 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.504 | 1.157 | 0.935 | 1.171 | 0.957 | 0.954 | 0.753 | 0.920 | | |
| Left side | 24.5 | 0.002 | 24.5 | 0.002 | 24.5 | 1.190 | 19.0 | 0.335 | 0.223 | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | 0.337 | 0.655 | 0.641 | 0.503 | 0.485 | 0.409 | 0.494 | 0.427 | | | | |
| Right side | 24.5 | 0.155 | 24.5 | 0.155 | 24.5 | 0.001 | 19.0 | 0.000 | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | 0.090 | 0.155 | 0.564 | 0.516 | 0.599 | 0.222 | 0.312 | 0.426 | 0.293 | | | | |
| Top side | 24.5 | 0.228 | 24.5 | 0.228 | 24.5 | 0.045 | 19.0 | 0.013 | 0.001 | 0.071 | 0.117 | 0.075 | 0.001 | 0.241 | 0.433 | 0.242 | 0.313 | 0.317 | 0.316 | 0.242 | 0.312 | | | | | |
| Bottom side | 24.5 | 0.357 | 24.5 | 0.357 | 24.5 | 0.118 | 19.0 | 0.033 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.503 | 0.760 | 0.920 | 0.848 | 0.591 | 0.651 | 0.738 | 0.654 | | |
| Front | 24.5 | 0.357 | 24.5 | 0.357 | 25.0 | 0.456 | 20.0 | 0.144 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.501 | 0.753 | 0.913 | 0.841 | 0.584 | 0.644 | 0.731 | 0.647 | | |
| Back | 24.5 | 0.353 | 24.5 | 0.353 | 25.0 | 0.408 | 20.0 | 0.129 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.482 | 1.135 | 0.913 | 1.149 | 0.935 | 0.932 | 0.731 | 0.898 | | |
| Left side | 24.5 | 0.002 | 24.5 | 0.002 | 25.0 | 1.122 | 20.0 | 0.355 | 0.223 | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | 0.357 | 0.675 | 0.661 | 0.523 | 0.505 | 0.429 | 0.514 | 0.447 | | | | |
| Right side | 24.5 | 0.155 | 24.5 | 0.155 | 25.0 | 0.001 | 20.0 | 0.000 | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | 0.090 | 0.155 | 0.564 | 0.516 | 0.599 | 0.222 | 0.312 | 0.426 | 0.293 | | | | |
| Top side | 24.5 | 0.228 | 24.5 | 0.228 | 25.0 | 0.001 | 20.0 | 0.000 | 0.001 | 0.071 | 0.117 | 0.075 | 0.001 | 0.228 | 0.420 | 0.229 | 0.300 | 0.304 | 0.303 | 0.229 | 0.299 | | | | | |
| Bottom side | 24.5 | 0.357 | 24.5 | 0.357 | 25.0 | 0.073 | 20.0 | 0.023 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.503 | 0.760 | 0.920 | 0.848 | 0.591 | 0.651 | 0.738 | 0.654 | | |
| Front | 24.5 | 0.252 | 24.0 | 0.225 | 23.0 | 0.401 | 19.0 | 0.160 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.384 | 0.636 | 0.796 | 0.724 | 0.467 | 0.527 | 0.614 | 0.530 | | |
| Back | 24.5 | 0.417 | 24.0 | 0.372 | 23.0 | 0.527 | 19.0 | 0.210 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.581 | 1.234 | 1.012 | 1.248 | 1.034 | 1.031 | 0.830 | 0.997 | | |
| Left side | 24.5 | 0.084 | 24.0 | 0.075 | 23.0 | 0.474 | 19.0 | 0.189 | 0.223 | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | 0.264 | 0.582 | 0.568 | 0.430 | 0.412 | 0.336 | 0.421 | 0.354 | | | | |
| Right side | 24.5 | 0.193 | 24.0 | 0.172 | 23.0 | 0.060 | 19.0 | 0.024 | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | 0.090 | 0.196 | 0.605 | 0.557 | 0.640 | 0.263 | 0.353 | 0.467 | 0.334 | | | | |
| Top side | 24.5 | 0.221 | 24.0 | 0.197 | 23.0 | 0.001 | 19.0 | 0.000 | 0.001 | 0.071 | 0.117 | 0.075 | 0.001 | 0.000 | 0.192 | 0.001 | 0.072 | 0.076 | 0.075 | 0.001 | 0.071 | | | | | |
| Bottom side | 24.5 | 0.252 | 24.0 | 0.225 | 23.0 | 1.069 | 19.0 | 0.426 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.623 | 0.623 | 0.679 | 0.623 | 0.623 | 0.623 | 0.679 | 0.623 | | |
| Front | 24.5 | 0.252 | 24.0 | 0.225 | 25.5 | 0.291 | 24.0 | 0.206 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.431 | 0.683 | 0.843 | 0.771 | 0.514 | 0.574 | 0.661 | 0.577 | | |
| Back | 24.5 | 0.417 | 24.0 | 0.372 | 25.5 | 0.411 | 24.0 | 0.291 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.663 | 1.316 | 1.094 | 1.330 | 1.116 | 1.113 | 0.912 | 1.079 | | |
| Left side | 24.5 | 0.084 | 24.0 | 0.075 | 25.5 | 0.320 | 24.0 | 0.227 | 0.223 | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | 0.301 | 0.619 | 0.605 | 0.467 | 0.449 | 0.373 | 0.458 | 0.391 | | | | |
| Right side | 24.5 | 0.193 | 24.0 | 0.172 | 25.5 | 0.001 | 24.0 | 0.001 | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | 0.090 | 0.173 | 0.582 | 0.534 | 0.617 | 0.240 | 0.330 | 0.444 | 0.311 | | | | |
| Top side | 24.5 | 0.221 | 24.0 | 0.197 | 25.5 | 0.001 | 24.0 | 0.001 | 0.001 | 0.071 | 0.117 | 0.075 | 0.001 | 0.001 | 0.193 | 0.002 | 0.073 | 0.077 | 0.076 | 0.002 | 0.072 | | | | | |
| Bottom side | 24.5 | 0.252 | 24.0 | 0.225 | 25.5 | 0.623 | 24.0 | 0.441 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.638 | 0.638 | 0.694 | 0.638 | 0.638 | 0.638 | 0.694 | 0.638 | | |
| Front | 24.5 | 0.252 | 24.0 | 0.225 | 24.0 | 0.534 | 18.5 | 0.151 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.375 | 0.627 | 0.787 | 0.715 | 0.458 | 0.518 | 0.605 | 0.521 | | |
| Back | 24.5 | 0.417 | 2 | | | | | | | | | | | | | | | | | | | | | | | |



FCC SAR TEST REPORT

Report No. : FA082114A

| n12_Ant 2 | LTE Band 25/ 2_Ant 1 | Position | Standalone | | | | | | | | | | WLAN | | | | | | | | | | Bluetooth | | | | | | | | | | | | | | | | |
|-------------------------|-------------------------|----------|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | | 24.5 | 0.221 | 24.0 | 0.197 | 25.0 | 0.073 | 20.0 | 0.023 | 0.056 | 0.220 | 0.220 | 0.276 | 0.220 | 0.220 | 0.276 | 0.220 | 24.5 | 0.156 | 24.5 | 0.156 | 23.0 | 0.401 | 19.0 | 0.160 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.316 | 0.568 | 0.728 | 0.656 | 0.399 |
| LTE Band 66/ 4_Ant 1 | Front | 24.5 | 0.156 | 24.5 | 0.156 | 25.5 | 0.291 | 24.0 | 0.206 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.362 | 0.614 | 0.774 | 0.702 | 0.445 | 0.505 | 0.592 | 0.508 | 0.056 | 0.220 | 0.220 | 0.276 | 0.220 | 0.220 | 0.276 | 0.220 | | | | | | |
| | Back | 24.5 | 0.159 | 24.5 | 0.159 | 25.5 | 0.411 | 24.0 | 0.291 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.450 | 1.103 | 0.881 | 1.117 | 0.903 | 0.900 | 0.699 | 0.866 | | | | | | | | | | | | | | |
| | Left side | 24.5 | 0.001 | 24.5 | 0.001 | 25.5 | 0.320 | 24.0 | 0.227 | 0.223 | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | | 0.228 | 0.546 | 0.532 | 0.394 | 0.376 | 0.300 | 0.385 | 0.318 | | | | | | | | | | | | | | |
| | Right side | 24.5 | 0.096 | 24.5 | 0.096 | 25.5 | 0.001 | 24.0 | 0.001 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.097 | 0.506 | 0.458 | 0.541 | 0.164 | 0.254 | 0.368 | 0.235 | | | | | | | | | | | | | | |
| | Top side | 24.5 | 0.099 | 24.5 | 0.099 | 25.5 | 0.001 | 24.0 | 0.001 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.100 | 0.292 | 0.101 | 0.172 | 0.176 | 0.175 | 0.101 | 0.171 | | | | | | | | | | | | | | |
| | Bottom side | 24.5 | | 24.5 | | 25.5 | 0.623 | 24.0 | 0.441 | | | | | 0.056 | | | | 0.441 | 0.441 | 0.497 | 0.442 | 0.441 | 0.441 | 0.441 | 0.441 | | | | | | | | | | | | | | |
| | 0.056 | 0.220 | 0.220 | 0.276 | 0.220 | 0.220 | 0.276 | 0.220 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LTE Band 25/ 2_Ant 8 | Front | 24.5 | 0.156 | 24.5 | 0.156 | 24.0 | 0.534 | 18.5 | 0.151 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.307 | 0.559 | 0.719 | 0.647 | 0.390 | 0.450 | 0.537 | 0.453 | 0.056 | 0.220 | 0.220 | 0.276 | 0.220 | 0.220 | 0.276 | 0.220 | | | | | | |
| | Back | 24.5 | 0.159 | 24.5 | 0.159 | 24.0 | 0.457 | 18.5 | 0.129 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.288 | 0.941 | 0.719 | 0.955 | 0.741 | 0.738 | 0.537 | 0.704 | | | | | | | | | | | | | | |
| | Left side | 24.5 | 0.001 | 24.5 | 0.001 | 24.0 | 1.174 | 18.5 | 0.331 | 0.223 | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | | 0.332 | 0.650 | 0.636 | 0.498 | 0.480 | 0.404 | 0.489 | 0.422 | | | | | | | | | | | | | | |
| | Right side | 24.5 | 0.096 | 24.5 | 0.096 | 24.0 | 0.002 | 18.5 | 0.001 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.097 | 0.506 | 0.458 | 0.541 | 0.164 | 0.254 | 0.368 | 0.235 | | | | | | | | | | | | | | |
| | Top side | 24.5 | 0.099 | 24.5 | 0.099 | 24.0 | 0.064 | 18.5 | 0.018 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.117 | 0.309 | 0.118 | 0.189 | 0.193 | 0.192 | 0.118 | 0.188 | | | | | | | | | | | | | | |
| | Bottom side | 24.5 | | 24.5 | | 24.0 | 0.105 | 18.5 | 0.030 | | | | | 0.056 | | | | 0.030 | 0.030 | 0.086 | 0.030 | 0.030 | 0.030 | 0.086 | 0.030 | | | | | | | | | | | | | | |
| | 0.056 | 0.220 | 0.220 | 0.276 | 0.220 | 0.220 | 0.276 | 0.220 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LTE Band 66/ 4_Ant 8 | Front | 24.5 | 0.156 | 24.5 | 0.156 | 25.0 | 0.456 | 20.0 | 0.144 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.300 | 0.552 | 0.712 | 0.640 | 0.383 | 0.443 | 0.530 | 0.446 | 0.056 | 0.220 | 0.220 | 0.276 | 0.220 | 0.220 | 0.276 | 0.220 | | | | | | |
| | Back | 24.5 | 0.159 | 24.5 | 0.159 | 25.0 | 0.408 | 20.0 | 0.129 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.288 | 0.941 | 0.719 | 0.955 | 0.741 | 0.738 | 0.537 | 0.704 | | | | | | | | | | | | | | |
| | Left side | 24.5 | 0.001 | 24.5 | 0.001 | 25.0 | 1.122 | 20.0 | 0.355 | 0.223 | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | | 0.356 | 0.674 | 0.660 | 0.522 | 0.504 | 0.428 | 0.513 | 0.446 | | | | | | | | | | | | | | |
| | Right side | 24.5 | 0.096 | 24.5 | 0.096 | 25.0 | 0.001 | 20.0 | 0.000 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.096 | 0.505 | 0.457 | 0.540 | 0.163 | 0.253 | 0.367 | 0.234 | | | | | | | | | | | | | | |
| | Top side | 24.5 | 0.099 | 24.5 | 0.099 | 25.0 | 0.001 | 20.0 | 0.000 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.099 | 0.291 | 0.100 | 0.171 | 0.175 | 0.174 | 0.100 | 0.170 | | | | | | | | | | | | | | |
| | Bottom side | 24.5 | | 24.5 | | 25.0 | 0.073 | 20.0 | 0.023 | | | | | 0.056 | | | | 0.023 | 0.023 | 0.079 | 0.023 | 0.023 | 0.023 | 0.023 | 0.079 | | | | | | | | | 0.023 | | | | | |
| | 0.056 | 0.220 | 0.220 | 0.276 | 0.220 | 0.220 | 0.276 | 0.220 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| WWAN Band | Exposure Position | NR Standalone Maximum Power (dBm) | NR Standalone 1g SAR (W/kg) | EN-DC + WLAN NR Maximum Power (dBm) | EN-DC + WLAN NR 1g SAR (W/kg) | LTE Standalone | | | | | | | | | | WLAN | | | | | | | | | | Bluetooth | | | | | | | | | | | | | | | |
|--------------------------|-------------------|-----------------------------------|-----------------------------|-------------------------------------|-------------------------------|----------------|------------------------------------|------------------------------|---------------|------------------------------------|------------------------------|---------------|------------------------------------|------------------------------|---------------|------------------------------------|------------------------------|---------------|------------------------------------|------------------------------|---------------|------------------------------------|------------------------------|---------------|------------------------------------|------------------------------|---------------|------------------------------------|------------------------------|---------------|------------------------------------|------------------------------|---------------|------------------------------------|------------------------------|---------------|------------------------------------|------------------------------|---------------|------------------------------------|------------------------------|
| | | | | | | 0 | | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 0+1 | | 0+1+6+7 | | 0+1+2+5+9 | | 0+1+3+4+8 | | 0+1+7+8 | | 0+1+7+9 | | 0+1+5+8 | | 0+1+4+9 | |
| | | | | | | NR Estimated | LTE Standalone Maximum Power (dBm) | LTE Standalone 1g SAR (W/kg) | LTE Estimated | LTE Standalone Maximum Power (dBm) | LTE Standalone 1g SAR (W/kg) | LTE Estimated | LTE Standalone Maximum Power (dBm) | LTE Standalone 1g SAR (W/kg) | LTE Estimated | LTE Standalone Maximum Power (dBm) | LTE Standalone 1g SAR (W/kg) | LTE Estimated | LTE Standalone Maximum Power (dBm) | LTE Standalone 1g SAR (W/kg) | LTE Estimated | LTE Standalone Maximum Power (dBm) | LTE Standalone 1g SAR (W/kg) | LTE Estimated | LTE Standalone Maximum Power (dBm) | LTE Standalone 1g SAR (W/kg) | LTE Estimated | LTE Standalone Maximum Power (dBm) | LTE Standalone 1g SAR (W/kg) | LTE Estimated | LTE Standalone Maximum Power (dBm) | LTE Standalone 1g SAR (W/kg) | LTE Estimated | LTE Standalone Maximum Power (dBm) | LTE Standalone 1g SAR (W/kg) | LTE Estimated | LTE Standalone Maximum Power (dBm) | LTE Standalone 1g SAR (W/kg) | LTE Estimated | LTE Standalone Maximum Power (dBm) | LTE Standalone 1g SAR (W/kg) |
| LTE Band 26/ 5_Ant 0 | Front | 23.5 | 0.385 | 20.5 | 0.193 | 25.5 | 0.433 | 23.0 | 0.243 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.436 | 0.688 | 0.848 | 0.776 | 0.519 | 0.579 | 0.666 | 0.582 | 0.056 | 0.220 | 0.220 | 0.276 | 0.220 | 0.220 | 0.276 | 0.220 | | | | | | | | |
| | Back | 23.5 | 0.660 | 20.5 | 0.331 | 25.5 | 0.545 | 23.0 | 0.306 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.637 | 1.290 | 1.068 | 1.304 | 1.090 | 1.087 | 0.886 | 1.053 | | | | | | | | | | | | | | | | |
| | Left side | 23.5 | 0.536 | 20.5 | 0.269 | 25.5 | 0.081 | 23.0 | 0.046 | 0.223 | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | | 0.314 | 0.632 | 0.618 | 0.480 | 0.462 | 0.386 | 0.471 | 0.404 | | | | | | | | | | | | | | | | |
| | Right side | 23.5 | | 20.5 | | 25.5 | 0.178 | 23.0 | 0.100 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.100 | 0.509 | 0.461 | 0.544 | 0.167 | 0.257 | 0.371 | 0.238 | | | | | | | | | | | | | | | | |
| | Top side | 23.5 | | 20.5 | | 25.5 | 0.001 | 23.0 | 0.001 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.086 | 0.193 | 0.002 | 0.073 | 0.077 | 0.076 | 0.002 | 0.072 | | | | | | | | | | | | | | | | |
| | Bottom side | 23.5 | 0.915 | 20.5 | 0.459 | 25.5 | 0.405 | 23.0 | 0.228 | | | | | 0.056 | | | | 0.686 | 0.686 | 0.742 | 0.686 | 0.686 | 0.686 | 0.742 | 0.686 | | | | | | | | | | | | | | | | |
| | 0.056 | 0.220 | 0.220 | 0.276 | 0.220 | 0.220 | 0.276 | 0.220 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LTE Band 12/ 17_Ant 0 | Front | 23.5 | 0.385 | 20.5 | 0.193 | 25.5 | 0.223 | 25.5 | 0.223 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.416 | 0.668 | 0.828 | 0.756 | 0.586 | 0.499 | 0.559 | 0.466 | 0.562 | 0.056 | 0.220 | 0.220 | 0.276 | 0.220 | 0.220 | 0.276 | 0.220 | | | | | | | |
| | Back | 23.5 | 0.660 | 20.5 | 0.331 | 25.5 | 0.317 | 25.5 | 0.317 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.648 | 1.301 | 1.079 | 1.315 | 1.101 | 1.098 | 0.897 | 1.064 | | | | | | | | | | | | | | | | |
| | Left side | 23.5 | 0.536 | 20.5 | 0.269 | 25.5 | 0.063 | 25.5 | 0.063 | 0.223 | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | | 0.332 | 0.650 | 0.636 | 0.498 | 0.480 | 0.404 | 0.489 | 0.422 | | | | | | | | | | | | | | | | |
| | Right side | 23.5 | | 20.5 | | 25.5 | 0.202 | 25.5 | 0.202 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.202 | 0.611 | 0.563 | 0.646 | 0.269 | 0.359 | 0.473 | 0.340 | | | | | | | | | | | | | | | | |
| | Top side | 23.5 | | 20.5 | | 25.5 | 0.001 | 25.5 | 0.001 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.001 | 0.193 | 0.002 | 0.073 | 0.077 | 0.076 | 0.002 | 0.072 | | | | | | | | | | | | | | | | |
| | Bottom side | 23.5 | 0.915 | 20.5 | 0.459 | 25.5 | 0.179 | 25.5 | 0.179 | | | | | 0.056 | | | | 0.638 | 0.638 | 0.694 | 0.638 | 0.638 | 0.638 | 0.638 | 0.694 | 0.638 | | | | | | | | | | | | | | | |
| | 0.056 | 0.220 | 0.220 | 0.276 | 0.220 | 0.220 | 0.276 | 0.220 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LTE Band 66_Ant 8 ENDC | Front | 23.5 | 0.385 | 20.5 | 0.193 | 20.0 | 0.162 | 20.0 | 0.162 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.355 | 0.607 | 0.767 | 0.695 | 0.438 | 0.498 | 0.585 | 0.501 | 0.056 | 0.220 | 0.220 | 0.276 | 0.220 | 0.220 | 0.276 | 0.220 | | | | | | | | |
| | Back | 23.5 | 0.660 | 20.5 | 0.331 | 20.0 | 0.133 | 20.0 | 0.133 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.464 | 1.117 | 0.895 | 1.131 | 0.917 | 0.914 | 0.713 | 0.880 | | | | | | | | | | | | | | | | |
| | Left side | 23.5 | 0.536 | 20.5 | 0.269 | 20.0 | 0.359 | 20.0 | 0.359 | 0.223 | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | | 0.628 | 0.946 | 0.932 | 0.794 | 0.776 | 0.700 | 0.785 | 0.718 | | | | | | | | | | | | | | | | |
| | Right side | 23.5 | | 20.5 | | 20.0 | 0.001 | 20.0 | 0.001 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.001 | 0.410 | 0.362 | 0.445 | 0.068 | 0.158 | 0.272 | 0.139 | | | | | | | | | | | | | | | | |
| | Top side | 23.5 | | 20.5 | | 20.0 | 0.001 | 20.0 | 0.001 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.001 | 0.193 | 0.002 | 0.073 | 0.077 | 0.076 | 0.002 | 0.072 | | | | | | | | | | | | | | | | |
| | Bottom side | 23.5 | 0.915 | 20.5 | 0.459 | 20.0 | 0.034 | 20.0 | 0.034 | | | | | 0.056 | | | | 0.493 | 0.493 | 0.549 | 0.493 | 0.493 | 0.493 | 0.493 | 0.549 | | | | | | | | | 0.493 | | | | | | | |
| | 0.056 | 0.220 | 0.220 | 0.276 | 0.220 | 0.220 | 0.276 | 0.220 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LTE Band 26/ 5_Ant 2 | Front | 23.5 | 0.385 | 20.5 | 0.193 | 25.5 | 0.351 | 25.5 | 0.351 | 0.122 | 0.254 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



FCC SAR TEST REPORT

Report No. : FA082114A

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|------------------------|-------------|------|-------|------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| LTE Band 12/17_Ant 0 | Top side | 24.5 | | 22.0 | | 25.5 | 0.001 | 23.0 | 0.001 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.001 | 0.193 | 0.002 | 0.073 | 0.077 | 0.076 | 0.002 | 0.072 | | |
| | Bottom side | 24.5 | | 22.0 | | 25.5 | 0.405 | 23.0 | 0.228 | | | | | 0.056 | | | | 0.228 | 0.228 | 0.284 | 0.228 | 0.228 | 0.228 | 0.284 | 0.228 | | |
| | Front | 24.5 | 0.447 | 22.0 | 0.251 | 25.5 | 0.223 | 25.5 | 0.223 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.474 | 0.726 | 0.886 | 0.814 | 0.557 | 0.617 | 0.704 | 0.620 | | |
| | Back | 24.5 | 0.465 | 22.0 | 0.261 | 25.5 | 0.317 | 25.5 | 0.317 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.578 | 1.231 | 1.009 | 1.245 | 1.031 | 1.028 | 0.827 | 0.984 | | |
| | Left side | 24.5 | 0.774 | 22.0 | 0.435 | 25.5 | 0.063 | 25.5 | 0.063 | 0.223 | | | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | 0.498 | 0.816 | 0.802 | 0.664 | 0.646 | 0.570 | 0.655 | 0.588 | |
| | Right side | 24.5 | | 22.0 | | 25.5 | 0.202 | 25.5 | 0.202 | | | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.202 | 0.611 | 0.563 | 0.646 | 0.269 | 0.359 | 0.473 | 0.340 |
| | Top side | 24.5 | | 22.0 | | 25.5 | 0.001 | 25.5 | 0.001 | 0.001 | | | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.001 | 0.193 | 0.002 | 0.073 | 0.077 | 0.076 | 0.002 | 0.072 |
| | Bottom side | 24.5 | | 22.0 | | 25.5 | 0.179 | 25.5 | 0.179 | | | | | | | | | | 0.179 | 0.179 | 0.235 | 0.179 | 0.179 | 0.179 | 0.235 | 0.179 | |
| LTE Band 66_Ant 1 ENDC | Front | 24.5 | 0.447 | 22.0 | 0.251 | 24.5 | 0.187 | 24.5 | 0.187 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.438 | 0.690 | 0.850 | 0.778 | 0.521 | 0.581 | 0.668 | 0.584 | | |
| | Back | 24.5 | 0.465 | 22.0 | 0.261 | 24.5 | 0.282 | 24.5 | 0.282 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.543 | 1.196 | 0.974 | 1.210 | 0.996 | 0.993 | 0.792 | 0.959 | | |
| | Left side | 24.5 | 0.774 | 22.0 | 0.435 | 24.5 | 0.221 | 24.5 | 0.221 | 0.223 | | | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | 0.656 | 0.974 | 0.960 | 0.822 | 0.804 | 0.728 | 0.813 | 0.746 | |
| | Right side | 24.5 | | 22.0 | | 24.5 | 0.001 | 24.5 | 0.001 | | | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.001 | 0.410 | 0.362 | 0.445 | 0.068 | 0.158 | 0.272 | 0.139 |
| | Top side | 24.5 | | 22.0 | | 24.5 | 0.001 | 24.5 | 0.001 | 0.001 | | | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.001 | 0.193 | 0.002 | 0.073 | 0.077 | 0.076 | 0.002 | 0.072 |
| | Bottom side | 24.5 | | 22.0 | | 24.5 | 0.179 | 24.5 | 0.179 | | | | | | | | | | 0.179 | 0.179 | 0.235 | 0.179 | 0.179 | 0.179 | 0.235 | 0.179 | |
| | Bottom side | 24.5 | | 22.0 | | 24.5 | 0.179 | 24.5 | 0.179 | | | | | | | | | | 0.179 | 0.179 | 0.235 | 0.179 | 0.179 | 0.179 | 0.235 | 0.179 | |
| LTE Band 26/5_Ant 2 | Front | 24.5 | 0.447 | 22.0 | 0.251 | 25.5 | 0.351 | 25.5 | 0.351 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.602 | 0.854 | 1.014 | 0.942 | 0.685 | 0.745 | 0.832 | 0.748 | | |
| | Back | 24.5 | 0.465 | 22.0 | 0.261 | 25.5 | 0.307 | 25.5 | 0.307 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.568 | 1.221 | 0.999 | 1.235 | 1.021 | 1.018 | 0.817 | 0.984 | | |
| | Left side | 24.5 | 0.774 | 22.0 | 0.435 | 25.5 | 0.054 | 25.5 | 0.054 | 0.223 | | | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | 0.489 | 0.807 | 0.793 | 0.655 | 0.637 | 0.561 | 0.646 | 0.579 | |
| | Right side | 24.5 | | 22.0 | | 25.5 | 0.133 | 25.5 | 0.133 | | | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.133 | 0.542 | 0.494 | 0.577 | 0.200 | 0.290 | 0.404 | 0.271 |
| | Top side | 24.5 | | 22.0 | | 25.5 | 0.247 | 25.5 | 0.247 | 0.001 | | | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.247 | 0.439 | 0.248 | 0.319 | 0.323 | 0.322 | 0.248 | 0.318 |
| | Bottom side | 24.5 | | 22.0 | | 25.5 | 0.001 | 25.5 | 0.001 | | | | | | | | | | 0.056 | | 0.001 | 0.001 | 0.057 | 0.001 | 0.001 | 0.057 | 0.001 |
| LTE Band 12/17_Ant 2 | Front | 24.5 | 0.447 | 22.0 | 0.251 | 25.5 | 0.089 | 25.5 | 0.089 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.340 | 0.592 | 0.752 | 0.680 | 0.423 | 0.483 | 0.570 | 0.486 | | |
| | Back | 24.5 | 0.465 | 22.0 | 0.261 | 25.5 | 0.076 | 25.5 | 0.076 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.337 | 0.990 | 0.768 | 1.004 | 0.790 | 0.787 | 0.586 | 0.753 | | |
| | Left side | 24.5 | 0.774 | 22.0 | 0.435 | 25.5 | 0.001 | 25.5 | 0.001 | 0.223 | | | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | 0.436 | 0.754 | 0.740 | 0.602 | 0.584 | 0.508 | 0.593 | 0.526 | |
| | Right side | 24.5 | | 22.0 | | 25.5 | 0.075 | 25.5 | 0.075 | | | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.075 | 0.484 | 0.436 | 0.519 | 0.142 | 0.232 | 0.346 | 0.213 |
| | Top side | 24.5 | | 22.0 | | 25.5 | 0.065 | 25.5 | 0.065 | 0.001 | | | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.065 | 0.257 | 0.066 | 0.137 | 0.141 | 0.140 | 0.066 | 0.136 |
| | Bottom side | 24.5 | | 22.0 | | 25.5 | 0.001 | 25.5 | 0.001 | | | | | | | | | | 0.056 | | 0.001 | 0.001 | 0.057 | 0.001 | 0.001 | 0.057 | 0.001 |
| | Bottom side | 24.5 | | 22.0 | | 25.5 | 0.001 | 25.5 | 0.001 | | | | | | | | | | 0.056 | | 0.001 | 0.001 | 0.057 | 0.001 | 0.001 | 0.057 | 0.001 |

| WWAN Band | Exposure Position | NR Standalone Maximum Power (dBm) | NR Standalone 1g SAR (W/kg) | EN-DC + WLAN NR Maximum Power (dBm) | 0 NR Estimated 1g SAR (W/kg) | LTE Standalone Maximum Power (dBm) | LTE Standalone 1g SAR (W/kg) | EN-DC + WLAN LTE Maximum Power (dBm) | 1 LTE Estimated 1g SAR (W/kg) | 2 2.4GHz WLAN Ant 6 1g SAR (W/kg) | 3 2.4GHz WLAN Ant 5 1g SAR (W/kg) | 4 5GHz WLAN Ant 6 1g SAR (W/kg) | 5 5GHz WLAN Ant 5 1g SAR (W/kg) | 6 2.4GHz WLAN Ant 6+5 1g SAR (W/kg) | 7 5GHz WLAN Ant 6+5 1g SAR (W/kg) | 8 Bluetooth Ant 6 1g SAR (W/kg) | 9 Bluetooth Ant 5 1g SAR (W/kg) | 0+1 EN-DC + WLAN 1g SAR (W/kg) | 0+1+6+7 Summed 1g SAR (W/kg) | 0+1+2+5+9 Summed 1g SAR (W/kg) | 0+1+3+4+8 Summed 1g SAR (W/kg) | 0+1+7+8 Summed 1g SAR (W/kg) | 0+1+7+9 Summed 1g SAR (W/kg) | 0+1+5+8 Summed 1g SAR (W/kg) | 0+1+4+9 Summed 1g SAR (W/kg) | | | |
|-----------|----------------------|-----------------------------------|-----------------------------|-------------------------------------|------------------------------|------------------------------------|------------------------------|--------------------------------------|-------------------------------|-----------------------------------|-----------------------------------|---------------------------------|---------------------------------|-------------------------------------|-----------------------------------|---------------------------------|---------------------------------|--------------------------------|------------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|---------------------------------------|------------------------------|-------|
| | | | | | | | | | | | | | | | | | | | | | | | | | | 0 EN-DC + WLAN NR Maximum Power (dBm) | 0 NR Estimated 1g SAR (W/kg) | |
| n38_Ant 9 | LTE Band 26/5_Ant 0 | Front | 24.5 | 0.430 | 20.0 | 0.153 | 25.5 | 0.433 | 23.0 | 0.243 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.396 | 0.648 | 0.808 | 0.736 | 0.479 | 0.539 | 0.626 | 0.542 | | |
| | | Back | 24.5 | 0.296 | 20.0 | 0.105 | 25.5 | 0.545 | 23.0 | 0.306 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.412 | 1.065 | 0.843 | 1.079 | 0.865 | 0.862 | 0.661 | 0.828 | | |
| | | Left side | 24.5 | 0.929 | 20.0 | 0.330 | 25.5 | 0.081 | 23.0 | 0.046 | 0.223 | | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | 0.375 | 0.693 | 0.679 | 0.541 | 0.523 | 0.447 | 0.532 | 0.465 | | |
| | | Right side | 24.5 | | 20.0 | | 25.5 | 0.178 | 23.0 | 0.100 | | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.100 | 0.509 | 0.461 | 0.544 | 0.167 | 0.257 | 0.371 | 0.238 | |
| | | Top side | 24.5 | | 20.0 | | 25.5 | 0.001 | 23.0 | 0.001 | 0.001 | | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.001 | 0.193 | 0.002 | 0.073 | 0.077 | 0.076 | 0.002 | 0.072 | |
| | | Bottom side | 24.5 | | 20.0 | | 25.5 | 0.405 | 23.0 | 0.228 | | | | | | | | | | 0.228 | 0.228 | 0.284 | 0.273 | 0.228 | 0.228 | 0.284 | 0.228 | |
| | LTE Band 12/17_Ant 0 | Front | 24.5 | 0.430 | 20.0 | 0.153 | 25.5 | 0.223 | 25.5 | 0.223 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.376 | 0.628 | 0.788 | 0.716 | 0.459 | 0.519 | 0.606 | 0.522 | | |
| | | Back | 24.5 | 0.296 | 20.0 | 0.105 | 25.5 | 0.317 | 25.5 | 0.317 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.422 | 1.075 | 0.853 | 1.089 | 0.875 | 0.872 | 0.671 | 0.838 | | |
| | | Left side | 24.5 | 0.929 | 20.0 | 0.330 | 25.5 | 0.063 | 25.5 | 0.063 | 0.223 | | | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | 0.393 | 0.711 | 0.697 | 0.559 | 0.541 | 0.465 | 0.550 | 0.483 | |
| | | Right side | 24.5 | | 20.0 | | 25.5 | 0.202 | 25.5 | 0.202 | | | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.202 | 0.611 | 0.563 | 0.646 | 0.269 | 0.359 | 0.473 | 0.340 | |
| | | Top side | 24.5 | | 20.0 | | 25.5 | 0.001 | 25.5 | 0.001 | 0.001 | | | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.001 | 0.193 | 0.002 | 0.073 | 0.077 | 0.076 | 0.002 | 0.072 |
| | | Bottom side | 24.5 | | 20.0 | | 25.5 | 0.179 | 25.5 | 0.179 | | | | | | | | | | 0.179 | 0.179 | 0.235 | 0.179 | 0.179 | 0.179 | 0.235 | 0.179 | |
| | LTE Band 71_Ant 0 | Front | 24.5 | 0.430 | 20.0 | 0.153 | 25.5 | 0.183 | 25.5 | 0.183 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.336 | 0.588 | 0.748 | 0.676 | 0.419 | 0.479 | 0.566 | 0.482 | | |
| | | Back | 24.5 | 0.296 | 20.0 | 0.105 | 25.5 | 0.271 | 25.5 | 0.271 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.376 | 1.029 | 0.807 | 1.043 | 0.829 | 0.826 | 0.625 | 0.792 | | |
| | | Left side | 24.5 | 0.929 | 20.0 | 0.330 | 25.5 | 0.058 | 25.5 | 0.058 | 0.223 | | | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | 0.388 | 0.706 | 0.692 | 0.554 | 0.536 | 0.460 | 0.545 | 0.478 | |
| | | Right side | 24.5 | | 20.0 | | 25.5 | 0.156 | 25.5 | 0.156 | | | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.156 | 0.565 | 0.517 | 0.600 | 0.223 | 0.313 | 0.427 | 0.294 |
| | | Top side | 24.5 | | 20.0 | | 25.5 | 0.001 | 25.5 | 0.001 | 0.001 | | | </ | | | | | | | | | | | | | | |



FCC SAR TEST REPORT

Report No. : FA082114A

Table with columns for antenna type, band, side, and 28 numerical values. Rows include n38_Ant 11 and n38_Ant 9 with various LTE bands and antenna configurations.



FCC SAR TEST REPORT

Report No. : FA082114A

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|-------------|------|-------|------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| LTE Band 66 / 4_Ant 1 | Back | 23.5 | 0.614 | 20.5 | 0.308 | 23.0 | 0.527 | 19.0 | 0.210 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.518 | 1.171 | 0.949 | 1.185 | 0.971 | 0.968 | 0.767 | 0.934 | |
| | Left side | 23.5 | 0.070 | 20.5 | 0.035 | 23.0 | 0.474 | 19.0 | 0.189 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.224 | 0.542 | 0.528 | 0.390 | 0.372 | 0.296 | 0.381 | 0.314 | |
| | Right side | 23.5 | | 20.5 | | 23.0 | 0.060 | 19.0 | 0.024 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.024 | 0.433 | 0.385 | 0.468 | 0.091 | 0.181 | 0.295 | 0.162 | |
| | Top side | 23.5 | | 20.5 | | 23.0 | 0.001 | 19.0 | 0.000 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.000 | 0.192 | 0.001 | 0.072 | 0.076 | 0.075 | 0.001 | 0.071 | |
| | Bottom side | 23.5 | 0.125 | 20.5 | 0.063 | 23.0 | 1.069 | 19.0 | 0.426 | | | | 0.056 | | | | | 0.488 | 0.488 | 0.544 | 0.488 | 0.488 | 0.488 | 0.488 | 0.544 | 0.488 |
| | Front | 23.5 | 0.001 | 20.5 | 0.001 | 25.5 | 0.291 | 24.0 | 0.206 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.207 | 0.459 | 0.619 | 0.547 | 0.290 | 0.350 | 0.437 | 0.353 | |
| LTE Band 25 / 2_Ant 8 | Back | 23.5 | 0.614 | 20.5 | 0.308 | 24.0 | 0.534 | 18.5 | 0.151 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.599 | 1.252 | 1.030 | 1.266 | 1.052 | 1.049 | 0.848 | 1.015 | |
| | Left side | 23.5 | 0.070 | 20.5 | 0.035 | 25.5 | 0.320 | 24.0 | 0.227 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.262 | 0.580 | 0.566 | 0.428 | 0.410 | 0.334 | 0.419 | 0.352 | |
| | Right side | 23.5 | | 20.5 | | 25.5 | 0.001 | 24.0 | 0.001 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.001 | 0.410 | 0.362 | 0.445 | 0.068 | 0.158 | 0.272 | 0.139 | |
| | Top side | 23.5 | | 20.5 | | 25.5 | 0.001 | 24.0 | 0.001 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.001 | 0.193 | 0.002 | 0.073 | 0.077 | 0.076 | 0.002 | 0.072 | |
| | Bottom side | 23.5 | 0.125 | 20.5 | 0.063 | 25.5 | 0.623 | 24.0 | 0.441 | | | | 0.056 | | | | | 0.504 | 0.504 | 0.560 | 0.504 | 0.504 | 0.504 | 0.560 | 0.504 | |
| | Front | 23.5 | 0.001 | 20.5 | 0.001 | 24.0 | 0.534 | 18.5 | 0.151 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.151 | 0.403 | 0.563 | 0.491 | 0.234 | 0.294 | 0.381 | 0.297 | |
| LTE Band 66 / 4_Ant 8 | Back | 23.5 | 0.614 | 20.5 | 0.308 | 24.0 | 0.534 | 18.5 | 0.129 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.377 | 1.090 | 0.868 | 1.104 | 0.890 | 0.887 | 0.686 | 0.853 | |
| | Left side | 23.5 | 0.070 | 20.5 | 0.035 | 24.0 | 1.174 | 18.5 | 0.331 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.366 | 0.684 | 0.670 | 0.532 | 0.514 | 0.438 | 0.523 | 0.456 | |
| | Right side | 23.5 | | 20.5 | | 24.0 | 0.002 | 18.5 | 0.001 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.001 | 0.410 | 0.362 | 0.445 | 0.068 | 0.158 | 0.272 | 0.139 | |
| | Top side | 23.5 | | 20.5 | | 24.0 | 0.064 | 18.5 | 0.018 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.018 | 0.210 | 0.019 | 0.090 | 0.094 | 0.093 | 0.019 | 0.089 | |
| | Bottom side | 23.5 | 0.125 | 20.5 | 0.063 | 24.0 | 0.105 | 18.5 | 0.030 | | | | 0.056 | | | | | 0.092 | 0.092 | 0.148 | 0.092 | 0.092 | 0.092 | 0.148 | 0.092 | |
| | Front | 23.5 | 0.001 | 20.5 | 0.001 | 25.0 | 0.456 | 20.0 | 0.144 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.145 | 0.397 | 0.557 | 0.485 | 0.228 | 0.288 | 0.375 | 0.291 | |
| LTE Band 66 / 4_Ant 8 | Back | 23.5 | 0.614 | 20.5 | 0.308 | 25.0 | 0.408 | 20.0 | 0.129 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.437 | 1.090 | 0.868 | 1.104 | 0.890 | 0.887 | 0.686 | 0.853 | |
| | Left side | 23.5 | 0.070 | 20.5 | 0.035 | 25.0 | 1.122 | 20.0 | 0.355 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.390 | 0.708 | 0.694 | 0.556 | 0.538 | 0.462 | 0.547 | 0.480 | |
| | Right side | 23.5 | | 20.5 | | 25.0 | 0.001 | 20.0 | 0.000 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.000 | 0.409 | 0.361 | 0.444 | 0.067 | 0.157 | 0.271 | 0.138 | |
| | Top side | 23.5 | | 20.5 | | 25.0 | 0.001 | 20.0 | 0.000 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.000 | 0.192 | 0.001 | 0.072 | 0.076 | 0.075 | 0.001 | 0.071 | |
| | Bottom side | 23.5 | 0.125 | 20.5 | 0.063 | 25.0 | 0.073 | 20.0 | 0.023 | | | | 0.056 | | | | | 0.086 | 0.086 | 0.142 | 0.086 | 0.086 | 0.086 | 0.142 | 0.086 | |
| | Front | 23.5 | 0.001 | 20.5 | 0.001 | 25.0 | 0.456 | 20.0 | 0.144 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.145 | 0.397 | 0.557 | 0.485 | 0.228 | 0.288 | 0.375 | 0.291 | |

| WWAN Band | Exposure Position | NR Standalone Maximum Power (dBm) | NR Standalone 1q SAR (W/kg) | EN-DC + WLAN NR Maximum Power (dBm) | 0 | | EN-DC + WLAN LTE Maximum Power (dBm) | LTE Estimated 1q SAR (W/kg) | 2.4GHz WLAN Ant 6 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0+1 Summed 1g SAR (W/kg) | 0+1+6+7 Summed 1g SAR (W/kg) | 0+1+2+5+9 Summed 1g SAR (W/kg) | 0+1+3+4+8 Summed 1g SAR (W/kg) | 0+1+7+8 Summed 1g SAR (W/kg) | 0+1+7+9 Summed 1g SAR (W/kg) | 0+1+5+8 Summed 1g SAR (W/kg) | 0+1+4+9 Summed 1g SAR (W/kg) | | |
|-----------------------|-----------------------|-----------------------------------|-----------------------------|-------------------------------------|--------------|------------------------------|--------------------------------------|-----------------------------|-------------------|-------|-------|-------|-------|-------|-------|-------|--------------------------|------------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------|-------|
| | | | | | NR Estimated | LTE Standalone 1q SAR (W/kg) | | | | | | | | | | | | | | | | | | | | |
| n41_Ant 9 | LTE Band 25 / 2_Ant 1 | Front | 24.0 | 0.393 | 18.5 | 0.111 | 23.0 | 0.401 | 19.0 | 0.160 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.270 | 0.522 | 0.682 | 0.610 | 0.353 | 0.413 | 0.500 | 0.416 |
| | | Back | 24.0 | 0.277 | 18.5 | 0.078 | 23.0 | 0.527 | 19.0 | 0.210 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.288 | 0.941 | 0.719 | 0.955 | 0.741 | 0.738 | 0.537 | 0.704 |
| | | Left side | 24.0 | 1.148 | 18.5 | 0.324 | 23.0 | 0.474 | 19.0 | 0.189 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.512 | 0.830 | 0.816 | 0.678 | 0.660 | 0.584 | 0.669 | 0.602 |
| | | Right side | 24.0 | | 18.5 | | 23.0 | 0.060 | 19.0 | 0.024 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.024 | 0.433 | 0.385 | 0.468 | 0.091 | 0.181 | 0.295 | 0.162 |
| | | Top side | 24.0 | | 18.5 | | 23.0 | 0.001 | 19.0 | 0.000 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.000 | 0.192 | 0.001 | 0.072 | 0.076 | 0.075 | 0.001 | 0.071 |
| | | Bottom side | 24.0 | | 18.5 | | 23.0 | 1.069 | 19.0 | 0.426 | | | | 0.056 | | | | | 0.426 | 0.426 | 0.482 | 0.426 | 0.426 | 0.426 | 0.426 | 0.426 |
| | LTE Band 66 / 4_Ant 1 | Front | 24.0 | 0.393 | 18.5 | 0.111 | 25.5 | 0.291 | 24.0 | 0.206 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.317 | 0.569 | 0.729 | 0.657 | 0.400 | 0.460 | 0.547 | 0.463 |
| | | Back | 24.0 | 0.277 | 18.5 | 0.078 | 25.5 | 0.411 | 24.0 | 0.291 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.369 | 1.022 | 0.800 | 1.036 | 0.822 | 0.819 | 0.618 | 0.785 |
| | | Left side | 24.0 | 1.148 | 18.5 | 0.324 | 25.5 | 0.320 | 24.0 | 0.227 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.550 | 0.868 | 0.854 | 0.716 | 0.698 | 0.622 | 0.707 | 0.640 |
| | | Right side | 24.0 | | 18.5 | | 25.5 | 0.001 | 24.0 | 0.001 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.001 | 0.410 | 0.362 | 0.445 | 0.068 | 0.158 | 0.272 | 0.139 |
| | | Top side | 24.0 | | 18.5 | | 25.5 | 0.001 | 24.0 | 0.001 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.001 | 0.193 | 0.002 | 0.073 | 0.077 | 0.076 | 0.002 | 0.072 |
| | | Bottom side | 24.0 | | 18.5 | | 25.5 | 0.623 | 24.0 | 0.441 | | | | 0.056 | | | | | 0.441 | 0.441 | 0.497 | 0.441 | 0.441 | 0.441 | 0.497 | 0.441 |
| | LTE Band 25 / 2_Ant 8 | Front | 24.0 | 0.393 | 18.5 | 0.111 | 24.0 | 0.534 | 18.5 | 0.151 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.261 | 0.513 | 0.673 | 0.601 | 0.344 | 0.404 | 0.491 | 0.407 |
| | | Back | 24.0 | 0.277 | 18.5 | 0.078 | 24.0 | 0.457 | 18.5 | 0.129 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.207 | 0.860 | 0.638 | 0.874 | 0.660 | 0.657 | 0.456 | 0.623 |
| | | Left side | 24.0 | 1.148 | 18.5 | 0.324 | 24.0 | 1.174 | 18.5 | 0.331 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.654 | 0.972 | 0.958 | 0.820 | 0.802 | 0.726 | 0.811 | 0.744 |
| | | Right side | 24.0 | | 18.5 | | 24.0 | 0.002 | 18.5 | 0.001 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.001 | 0.410 | 0.362 | 0.445 | 0.068 | 0.158 | 0.272 | 0.139 |
| | | Top side | 24.0 | | 18.5 | | 24.0 | 0.064 | 18.5 | 0.018 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.018 | 0.210 | 0.019 | 0.090 | 0.094 | 0.093 | 0.019 | 0.089 |
| | | Bottom side | 24.0 | | 18.5 | | 24.0 | 0.105 | 18.5 | 0.030 | | | | 0.056 | | | | | 0.030 | 0.030 | 0.086 | 0.030 | 0.030 | 0.030 | 0.086 | 0.030 |
| LTE Band 66 / 4_Ant 8 | Front | 24.0 | 0.393 | 18.5 | 0.111 | 25.0 | 0.456 | 20.0 | 0.144 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.255 | 0.507 | 0.667 | 0.595 | 0.338 | 0.398 | 0.485 | 0.401 | |
| | Back | 24.0 | 0.277 | 18.5 | 0.078 | 25.0 | 0.408 | 20.0 | 0.129 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.207 | 0.860 | 0.638 | 0.874 | 0.660 | 0.657 | 0.456 | 0.623 | |
| | Left side | 24.0 | 1.148 | 18.5 | 0.324 | 25.0 | 1.122 | 20.0 | 0.355 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.678 | 0.996 | 0.982 | 0.844 | 0.826 | 0.750 | 0.835 | 0.768 | |
| | Right side | 24.0 | | 18.5 | | 25.0 | 0.001 | 20.0 | 0.000 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.000 | 0.409 | 0.361 | 0.444 | 0.067 | 0.157 | 0.271 | 0.138 | |
| | Top side | 24.0 | | 18.5 | | 25.0 | 0.001 | 20.0 | 0.000 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.000 | 0.192 | 0.001 | 0.072 | 0.076 | 0.075 | 0.001 | 0.071 | |
| | Bottom side | 24.0 | | 18.5 | | 25.0 | 0.073 | 20.0 | 0.023 | | | | 0.056 | | | | | 0.023 | 0.023 | 0.079 | 0.023 | 0.023 | 0.023 | 0.079 | 0.023 | |
| n41_Ant 11 | LTE Band 25 / 2_Ant 1 | Front | 23.5 | 0.001 | 21.0 | 0.001 | 23.0 | 0.401 | 19.0 | 0.160 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.160 | 0.412 | 0.572 | 0.500 | 0.243 | 0.303 | 0.390 | 0.306 |
| | | Back | 23.5 | 0.634 | 21.0 | 0.357 | 23.0 | 0.527 | 19.0 | 0.210 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.566 | 1.219 | 0.997 | 1.233 | 1.019 | 1.016 | 0.815 | 0.982 |
| | | Left side | 23.5 | 0.069 | 21. | | | | | | | | | | | | | | | | | | | | | |



FCC SAR TEST REPORT

Report No. : FA082114A

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|-------------------------|-------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| n71_Ant 0 | LTE Band 25/ 2_Ant 8 | Front | 23.5 | 0.001 | 21.0 | 0.001 | 24.0 | 0.534 | 18.5 | 0.151 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.151 | 0.403 | 0.563 | 0.491 | 0.234 | 0.294 | 0.381 | 0.297 | |
| | | Back | 23.5 | 0.634 | 21.0 | 0.357 | 24.0 | 0.457 | 18.5 | 0.129 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.485 | 1.138 | 0.916 | 1.152 | 0.938 | 0.935 | 0.734 | 0.901 | |
| | | Left side | 23.5 | 0.069 | 21.0 | 0.039 | 24.0 | 1.174 | 18.5 | 0.331 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | | 0.370 | 0.688 | 0.674 | 0.536 | 0.518 | 0.442 | 0.527 | 0.460 |
| | | Right side | 23.5 | | 21.0 | | 24.0 | 0.002 | 18.5 | 0.001 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | | 0.001 | 0.410 | 0.362 | 0.445 | 0.068 | 0.158 | 0.272 | 0.139 |
| | | Top side | 23.5 | 0.076 | 21.0 | | 24.0 | 0.064 | 18.5 | 0.018 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | | 0.018 | 0.210 | 0.019 | 0.090 | 0.094 | 0.093 | 0.019 | 0.089 |
| | | Bottom side | 23.5 | 0.133 | 21.0 | 0.075 | 24.0 | 0.105 | 18.5 | 0.030 | | | | | 0.056 | | | | | 0.104 | 0.104 | 0.160 | 0.104 | 0.104 | 0.104 | 0.160 | 0.104 |
| | LTE Band 66/ 4_Ant 8 | Front | 23.5 | 0.001 | 21.0 | 0.001 | 25.0 | 0.456 | 20.0 | 0.144 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.145 | 0.397 | 0.557 | 0.485 | 0.228 | 0.288 | 0.375 | 0.291 | |
| | | Back | 23.5 | 0.634 | 21.0 | 0.357 | 25.0 | 0.408 | 20.0 | 0.129 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.486 | 1.139 | 0.917 | 1.153 | 0.939 | 0.936 | 0.735 | 0.902 | |
| | | Left side | 23.5 | 0.069 | 21.0 | 0.039 | 25.0 | 1.122 | 20.0 | 0.355 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | | 0.394 | 0.712 | 0.698 | 0.560 | 0.542 | 0.466 | 0.551 | 0.484 |
| | | Right side | 23.5 | | 21.0 | | 25.0 | 0.001 | 20.0 | 0.000 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | | 0.000 | 0.409 | 0.361 | 0.444 | 0.067 | 0.157 | 0.271 | 0.138 |
| | | Top side | 23.5 | 0.076 | 21.0 | | 25.0 | 0.001 | 20.0 | 0.000 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | | 0.000 | 0.192 | 0.001 | 0.072 | 0.076 | 0.075 | 0.001 | 0.071 |
| | | Bottom side | 23.5 | 0.133 | 21.0 | 0.075 | 25.0 | 0.073 | 20.0 | 0.023 | | | | | 0.056 | | | | | 0.098 | 0.098 | 0.154 | 0.098 | 0.098 | 0.098 | 0.154 | 0.098 |
| | LTE Band 25/ 2_Ant 1 | Front | 24.5 | 0.240 | 24.5 | 0.240 | 23.0 | 0.401 | 19.0 | 0.160 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.400 | 0.652 | 0.812 | 0.740 | 0.483 | 0.543 | 0.630 | 0.546 | |
| | | Back | 24.5 | 0.359 | 24.5 | 0.359 | 23.0 | 0.527 | 19.0 | 0.210 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.569 | 1.222 | 1.000 | 1.236 | 1.022 | 1.019 | 0.818 | 0.985 | |
| | | Left side | 24.5 | 0.076 | 24.5 | 0.076 | 23.0 | 0.474 | 19.0 | 0.189 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | | 0.265 | 0.583 | 0.569 | 0.431 | 0.413 | 0.337 | 0.422 | 0.355 |
| | | Right side | 24.5 | 0.152 | 24.5 | 0.152 | 23.0 | 0.060 | 19.0 | 0.024 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | | 0.176 | 0.585 | 0.537 | 0.620 | 0.243 | 0.333 | 0.447 | 0.314 |
| | | Top side | 24.5 | | 24.5 | | 23.0 | 0.001 | 19.0 | 0.000 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | | 0.000 | 0.192 | 0.001 | 0.072 | 0.076 | 0.075 | 0.001 | 0.071 |
| | | Bottom side | 24.5 | 0.195 | 24.5 | 0.195 | 23.0 | 1.069 | 19.0 | 0.426 | | | | | 0.056 | | | | | 0.621 | 0.621 | 0.677 | 0.621 | 0.621 | 0.621 | 0.677 | 0.621 |
| LTE Band 7/ Ant 1 | Front | 24.5 | 0.240 | 24.5 | 0.240 | 24.0 | 0.388 | 20.5 | 0.173 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.413 | 0.665 | 0.825 | 0.753 | 0.496 | 0.556 | 0.643 | 0.559 | | |
| | Back | 24.5 | 0.359 | 24.5 | 0.359 | 24.0 | 0.686 | 20.5 | 0.306 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.665 | 1.318 | 1.096 | 1.332 | 1.118 | 1.115 | 0.914 | 1.081 | | |
| | Left side | 24.5 | 0.076 | 24.5 | 0.076 | 24.0 | 0.525 | 20.5 | 0.235 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | | 0.311 | 0.629 | 0.615 | 0.477 | 0.459 | 0.383 | 0.468 | 0.401 | |
| | Right side | 24.5 | 0.152 | 24.5 | 0.152 | 24.0 | 0.099 | 20.5 | 0.044 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | | 0.196 | 0.605 | 0.557 | 0.640 | 0.263 | 0.353 | 0.467 | 0.334 | |
| | Top side | 24.5 | | 24.5 | | 24.0 | 0.001 | 20.5 | 0.000 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | | 0.000 | 0.192 | 0.001 | 0.072 | 0.076 | 0.075 | 0.001 | 0.071 | |
| | Bottom side | 24.5 | 0.195 | 24.5 | 0.195 | 24.0 | 1.031 | 20.5 | 0.461 | | | | | 0.056 | | | | | 0.656 | 0.656 | 0.712 | 0.656 | 0.656 | 0.656 | 0.712 | 0.656 | |
| LTE Band 66/ 4_Ant 1 | Front | 24.5 | 0.240 | 24.5 | 0.240 | 25.5 | 0.291 | 24.0 | 0.206 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.446 | 0.698 | 0.858 | 0.786 | 0.529 | 0.589 | 0.676 | 0.592 | | |
| | Back | 24.5 | 0.359 | 24.5 | 0.359 | 25.5 | 0.411 | 24.0 | 0.291 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.650 | 1.303 | 1.081 | 1.317 | 1.103 | 1.100 | 0.899 | 1.066 | | |
| | Left side | 24.5 | 0.076 | 24.5 | 0.076 | 25.5 | 0.320 | 24.0 | 0.227 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | | 0.303 | 0.621 | 0.607 | 0.469 | 0.451 | 0.375 | 0.460 | 0.393 | |
| | Right side | 24.5 | 0.152 | 24.5 | 0.152 | 25.5 | 0.001 | 24.0 | 0.001 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | | 0.153 | 0.562 | 0.514 | 0.597 | 0.220 | 0.310 | 0.424 | 0.291 | |
| | Top side | 24.5 | | 24.5 | | 25.5 | 0.001 | 24.0 | 0.001 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | | 0.001 | 0.193 | 0.002 | 0.073 | 0.077 | 0.076 | 0.002 | 0.072 | |
| | Bottom side | 24.5 | 0.195 | 24.5 | 0.195 | 25.5 | 0.623 | 24.0 | 0.441 | | | | | 0.056 | | | | | 0.636 | 0.636 | 0.692 | 0.636 | 0.636 | 0.636 | 0.692 | 0.636 | |
| LTE Band 25/ 2_Ant 8 | Front | 24.5 | 0.240 | 24.5 | 0.240 | 24.0 | 0.534 | 18.5 | 0.151 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.391 | 0.643 | 0.803 | 0.731 | 0.474 | 0.534 | 0.621 | 0.537 | | |
| | Back | 24.5 | 0.359 | 24.5 | 0.359 | 24.0 | 0.457 | 18.5 | 0.129 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.488 | 1.141 | 0.919 | 1.155 | 0.941 | 0.938 | 0.737 | 0.904 | | |
| | Left side | 24.5 | 0.076 | 24.5 | 0.076 | 24.0 | 1.174 | 18.5 | 0.331 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | | 0.407 | 0.725 | 0.711 | 0.573 | 0.555 | 0.479 | 0.564 | 0.497 | |
| | Right side | 24.5 | 0.152 | 24.5 | 0.152 | 24.0 | 0.002 | 18.5 | 0.001 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | | 0.153 | 0.562 | 0.514 | 0.597 | 0.220 | 0.310 | 0.424 | 0.291 | |
| | Top side | 24.5 | | 24.5 | | 24.0 | 0.064 | 18.5 | 0.018 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | | 0.018 | 0.210 | 0.019 | 0.090 | 0.094 | 0.093 | 0.019 | 0.089 | |
| | Bottom side | 24.5 | 0.195 | 24.5 | 0.195 | 24.0 | 0.105 | 18.5 | 0.030 | | | | | 0.056 | | | | | 0.225 | 0.225 | 0.281 | 0.225 | 0.225 | 0.225 | 0.281 | 0.225 | |
| LTE Band 7/ Ant 8 | Front | 24.5 | 0.240 | 24.5 | 0.240 | 24.5 | 0.534 | 19.0 | 0.151 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.391 | 0.643 | 0.803 | 0.731 | 0.474 | 0.534 | 0.621 | 0.537 | | |
| | Back | 24.5 | 0.359 | 24.5 | 0.359 | 24.5 | 0.537 | 19.0 | 0.151 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.510 | 1.163 | 0.941 | 1.177 | 0.963 | 0.960 | 0.759 | 0.926 | | |
| | Left side | 24.5 | 0.076 | 24.5 | 0.076 | 24.5 | 1.190 | 19.0 | 0.335 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | | 0.411 | 0.729 | 0.715 | 0.577 | 0.559 | 0.483 | 0.568 | 0.501 | |
| | Right side | 24.5 | 0.152 | 24.5 | 0.152 | 24.5 | 0.001 | 19.0 | 0.000 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | | 0.152 | 0.561 | 0.513 | 0.596 | 0.219 | 0.309 | 0.423 | 0.290 | |
| | Top side | 24.5 | | 24.5 | | 24.5 | 0.045 | 19.0 | 0.013 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | | 0.013 | 0.205 | 0.014 | 0.085 | 0.089 | 0.088 | 0.014 | 0.084 | |
| | Bottom side | 24.5 | 0.195 | 24.5 | 0.195 | 24.5 | 0.118 | 19.0 | 0.033 | | | | | 0.056 | | | | | 0.228 | 0.228 | 0.284 | 0.228 | 0.228 | 0.228 | 0.284 | 0.228 | |
| LTE Band 66/ 4_Ant 8 | Front | 24.5 | 0.240 | 24.5 | 0.240 | 25.0 | 0.456 | 20.0 | 0.144 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.384 | 0.636 | 0.796 | 0.724 | 0.467 | 0.527 | 0.614 | 0.530 | | |
| | Back | 24.5 | 0.359 | 24.5 | 0.359 | 25.0 | 0.408 | 20.0 | 0.129 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.488 | 1.141 | 0.919 | 1.155 | 0.941 | 0.938 | 0.737 | 0.904 | | |
| | Left side | 24.5 | 0.076 | 24.5 | 0.076 | 25.0 | 1.122 | 20.0 | 0.355 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | | 0.431 | 0.749 | 0.735 | 0.597 | 0.579 | 0.503 | 0.588 | 0.521 | |
| | Right side | 24.5 | 0.152 | 24.5 | 0.152 | 25.0 | 0.001 | 20.0 | 0.000 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | | 0.152 | 0.561 | 0.513 | 0.596 | 0.2 | | | | |



FCC SAR TEST REPORT

Report No. : FA082114A

| Band | Antenna | Side | Power | | SAR | | SAR | | SAR | | SAR | | SAR | | SAR | | SAR | | SAR | | SAR | | SAR | | | |
|-------------------------|-----------|-------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|
| | | | Max (dBm) | 1g SAR (W/kg) | Max (dBm) | 1g SAR (W/kg) | Max (dBm) | 1g SAR (W/kg) | Max (dBm) | 1g SAR (W/kg) | Max (dBm) | 1g SAR (W/kg) | Max (dBm) | 1g SAR (W/kg) | Max (dBm) | 1g SAR (W/kg) | Max (dBm) | 1g SAR (W/kg) | Max (dBm) | 1g SAR (W/kg) | Max (dBm) | 1g SAR (W/kg) | Max (dBm) | 1g SAR (W/kg) | Max (dBm) | 1g SAR (W/kg) |
| LTE Band 25/ 2_Ant 8 | Top side | Front | 24.5 | 0.022 | 24.5 | 0.022 | 25.5 | 0.001 | 24.0 | 0.001 | 0.001 | 0.071 | 0.117 | 0.075 | 0.001 | 0.023 | 0.215 | 0.024 | 0.095 | 0.099 | 0.098 | 0.024 | 0.094 | | | |
| | | Bottom side | 24.5 | 0.022 | 24.5 | 0.022 | 25.5 | 0.623 | 24.0 | 0.441 | 0.056 | 0.056 | 0.056 | 0.056 | 0.056 | 0.441 | 0.441 | 0.497 | 0.441 | 0.441 | 0.441 | 0.497 | 0.441 | | | |
| | Front | Front | 24.5 | 0.040 | 24.5 | 0.040 | 24.0 | 0.534 | 18.5 | 0.151 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.191 | 0.443 | 0.603 | 0.531 | 0.274 | 0.334 | 0.421 | 0.337 |
| | | Back | 24.5 | 0.015 | 24.5 | 0.015 | 24.0 | 0.457 | 18.5 | 0.129 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.144 | 0.797 | 0.575 | 0.811 | 0.597 | 0.594 | 0.393 | 0.560 |
| | Left side | Left side | 24.5 | 0.001 | 24.5 | 0.001 | 24.0 | 1.174 | 18.5 | 0.331 | 0.223 | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | 0.332 | 0.650 | 0.636 | 0.498 | 0.480 | 0.404 | 0.489 | 0.489 | 0.422 | |
| | | Right side | 24.5 | 0.001 | 24.5 | 0.001 | 24.0 | 0.002 | 18.5 | 0.001 | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | 0.090 | 0.002 | 0.411 | 0.363 | 0.446 | 0.069 | 0.159 | 0.273 | 0.140 | | |
| | Top side | Top side | 24.5 | 0.022 | 24.5 | 0.022 | 24.0 | 0.064 | 18.5 | 0.018 | 0.001 | 0.071 | 0.117 | 0.075 | 0.001 | 0.040 | 0.232 | 0.041 | 0.112 | 0.116 | 0.115 | 0.041 | 0.111 | | | |
| | | Bottom side | 24.5 | 0.022 | 24.5 | 0.022 | 24.0 | 0.105 | 18.5 | 0.030 | 0.056 | 0.056 | 0.056 | 0.056 | 0.056 | 0.030 | 0.030 | 0.086 | 0.030 | 0.030 | 0.030 | 0.086 | 0.030 | | | |
| LTE Band 7_Ant 8 | Front | Front | 24.5 | 0.040 | 24.5 | 0.040 | 24.5 | 0.534 | 19.0 | 0.151 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.191 | 0.443 | 0.603 | 0.531 | 0.274 | 0.334 | 0.421 | 0.337 |
| | | Back | 24.5 | 0.015 | 24.5 | 0.015 | 24.5 | 0.537 | 19.0 | 0.151 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.166 | 0.819 | 0.597 | 0.833 | 0.619 | 0.616 | 0.415 | 0.582 |
| | Left side | Left side | 24.5 | 0.001 | 24.5 | 0.001 | 24.5 | 1.190 | 19.0 | 0.335 | 0.223 | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | 0.336 | 0.654 | 0.640 | 0.502 | 0.484 | 0.408 | 0.493 | 0.426 | | |
| | | Right side | 24.5 | 0.001 | 24.5 | 0.001 | 24.5 | 0.001 | 19.0 | 0.000 | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | 0.090 | 0.001 | 0.410 | 0.362 | 0.445 | 0.068 | 0.158 | 0.272 | 0.139 | | |
| | Top side | Top side | 24.5 | 0.022 | 24.5 | 0.022 | 24.5 | 0.045 | 19.0 | 0.013 | 0.001 | 0.071 | 0.117 | 0.075 | 0.001 | 0.035 | 0.227 | 0.036 | 0.107 | 0.111 | 0.110 | 0.036 | 0.106 | | | |
| | | Bottom side | 24.5 | 0.022 | 24.5 | 0.022 | 24.5 | 0.118 | 19.0 | 0.033 | 0.056 | 0.056 | 0.056 | 0.056 | 0.056 | 0.033 | 0.033 | 0.089 | 0.033 | 0.033 | 0.033 | 0.089 | 0.033 | | | |
| LTE Band 66/ 4_Ant 8 | Front | Front | 24.5 | 0.040 | 24.5 | 0.040 | 25.0 | 0.456 | 20.0 | 0.144 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.184 | 0.436 | 0.596 | 0.524 | 0.267 | 0.327 | 0.414 | 0.330 |
| | | Back | 24.5 | 0.015 | 24.5 | 0.015 | 25.0 | 0.408 | 20.0 | 0.129 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.144 | 0.797 | 0.575 | 0.811 | 0.597 | 0.594 | 0.393 | 0.560 |
| | Left side | Left side | 24.5 | 0.001 | 24.5 | 0.001 | 25.0 | 1.122 | 20.0 | 0.355 | 0.223 | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | 0.356 | 0.674 | 0.660 | 0.522 | 0.504 | 0.428 | 0.513 | 0.446 | | |
| | | Right side | 24.5 | 0.001 | 24.5 | 0.001 | 25.0 | 0.001 | 20.0 | 0.000 | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | 0.090 | 0.001 | 0.410 | 0.362 | 0.445 | 0.068 | 0.158 | 0.272 | 0.139 | | |
| | Top side | Top side | 24.5 | 0.022 | 24.5 | 0.022 | 25.0 | 0.001 | 20.0 | 0.000 | 0.001 | 0.071 | 0.117 | 0.075 | 0.001 | 0.022 | 0.214 | 0.023 | 0.094 | 0.098 | 0.097 | 0.023 | 0.093 | | | |
| | | Bottom side | 24.5 | 0.022 | 24.5 | 0.022 | 25.0 | 0.073 | 20.0 | 0.023 | 0.056 | 0.056 | 0.056 | 0.056 | 0.056 | 0.023 | 0.023 | 0.079 | 0.023 | 0.023 | 0.023 | 0.079 | 0.023 | | | |

| Band | Antenna | Side | Power | SAR | SAR | | SAR | | SAR | | SAR | | SAR | | SAR | | SAR | | SAR | | SAR | | SAR | | | | |
|-----------|--------------------------|-----------|-------------|------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-------|
| | | | | | Max (dBm) | 1g SAR (W/kg) | Max (dBm) | 1g SAR (W/kg) | Max (dBm) | 1g SAR (W/kg) | Max (dBm) | 1g SAR (W/kg) | Max (dBm) | 1g SAR (W/kg) | Max (dBm) | 1g SAR (W/kg) | Max (dBm) | 1g SAR (W/kg) | Max (dBm) | 1g SAR (W/kg) | Max (dBm) | 1g SAR (W/kg) | Max (dBm) | 1g SAR (W/kg) | Max (dBm) | 1g SAR (W/kg) | |
| n66_Ant 1 | LTE Band 26/ 5_Ant 0 | Front | Front | 24.5 | 0.289 | 24.0 | 0.258 | 25.5 | 0.433 | 23.0 | 0.243 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.501 | 0.753 | 0.913 | 0.841 | 0.584 | 0.644 | 0.731 | 0.647 |
| | | | Back | 24.5 | 0.380 | 24.0 | 0.339 | 25.5 | 0.545 | 23.0 | 0.306 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.645 | 1.298 | 1.076 | 1.312 | 1.098 | 1.095 | 0.894 | 1.061 |
| | | Left side | Left side | 24.5 | 0.327 | 24.0 | 0.291 | 25.5 | 0.081 | 23.0 | 0.046 | 0.223 | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | 0.337 | 0.655 | 0.641 | 0.503 | 0.485 | 0.409 | 0.494 | 0.428 | | |
| | | | Right side | 24.5 | 0.001 | 24.0 | 0.001 | 25.5 | 0.178 | 23.0 | 0.100 | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | 0.090 | 0.100 | 0.509 | 0.461 | 0.544 | 0.167 | 0.257 | 0.371 | 0.237 | | |
| | | Top side | Top side | 24.5 | 0.022 | 24.0 | 0.022 | 25.5 | 0.001 | 23.0 | 0.001 | 0.001 | 0.071 | 0.117 | 0.075 | 0.001 | 0.001 | 0.193 | 0.002 | 0.073 | 0.077 | 0.076 | 0.002 | 0.072 | | | |
| | | | Bottom side | 24.5 | 0.482 | 24.0 | 0.430 | 25.5 | 0.405 | 23.0 | 0.228 | 0.056 | 0.056 | 0.056 | 0.056 | 0.056 | 0.657 | 0.657 | 0.713 | 0.657 | 0.657 | 0.657 | 0.713 | 0.657 | | | |
| | LTE Band 12/ 17_Ant 0 | Front | Front | 24.5 | 0.289 | 24.0 | 0.258 | 25.5 | 0.223 | 25.5 | 0.223 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.481 | 0.733 | 0.893 | 0.821 | 0.564 | 0.624 | 0.711 | 0.627 |
| | | | Back | 24.5 | 0.380 | 24.0 | 0.339 | 25.5 | 0.317 | 25.5 | 0.317 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.656 | 1.309 | 1.087 | 1.323 | 1.109 | 1.106 | 0.905 | 1.072 |
| | | Left side | Left side | 24.5 | 0.327 | 24.0 | 0.291 | 25.5 | 0.063 | 25.5 | 0.063 | 0.223 | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | 0.354 | 0.672 | 0.658 | 0.520 | 0.502 | 0.426 | 0.511 | 0.444 | | |
| | | | Right side | 24.5 | 0.001 | 24.0 | 0.001 | 25.5 | 0.202 | 25.5 | 0.202 | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | 0.090 | 0.202 | 0.611 | 0.563 | 0.646 | 0.269 | 0.359 | 0.473 | 0.340 | | |
| | | Top side | Top side | 24.5 | 0.022 | 24.0 | 0.022 | 25.5 | 0.001 | 25.5 | 0.001 | 0.001 | 0.071 | 0.117 | 0.075 | 0.001 | 0.001 | 0.193 | 0.002 | 0.073 | 0.077 | 0.076 | 0.002 | 0.072 | | | |
| | | | Bottom side | 24.5 | 0.482 | 24.0 | 0.430 | 25.5 | 0.179 | 25.5 | 0.179 | 0.056 | 0.056 | 0.056 | 0.056 | 0.056 | 0.609 | 0.609 | 0.665 | 0.609 | 0.609 | 0.609 | 0.665 | 0.609 | | | |
| | LTE Band 13_Ant 0 | Front | Front | 24.5 | 0.289 | 24.0 | 0.258 | 25.5 | 0.380 | 23.5 | 0.240 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.497 | 0.749 | 0.909 | 0.837 | 0.580 | 0.640 | 0.727 | 0.643 |
| | | | Back | 24.5 | 0.380 | 24.0 | 0.339 | 25.5 | 0.515 | 23.5 | 0.325 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.664 | 1.317 | 1.095 | 1.331 | 1.117 | 1.114 | 0.913 | 1.080 |
| | | Left side | Left side | 24.5 | 0.327 | 24.0 | 0.291 | 25.5 | 0.001 | 23.5 | 0.001 | 0.223 | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | 0.292 | 0.610 | 0.596 | 0.458 | 0.440 | 0.364 | 0.449 | 0.382 | | |
| | | | Right side | 24.5 | 0.001 | 24.0 | 0.001 | 25.5 | 0.231 | 23.5 | 0.146 | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | 0.090 | 0.146 | 0.555 | 0.507 | 0.590 | 0.213 | 0.303 | 0.417 | 0.284 | | |
| | | Top side | Top side | 24.5 | 0.022 | 24.0 | 0.022 | 25.5 | 0.001 | 23.5 | 0.001 | 0.001 | 0.071 | 0.117 | 0.075 | 0.001 | 0.001 | 0.193 | 0.002 | 0.073 | 0.077 | 0.076 | 0.002 | 0.072 | | | |
| | | | Bottom side | 24.5 | 0.482 | 24.0 | 0.430 | 25.5 | 0.300 | 23.5 | 0.189 | 0.056 | 0.056 | 0.056 | 0.056 | 0.056 | 0.619 | 0.619 | 0.675 | 0.619 | 0.619 | 0.619 | 0.675 | 0.619 | | | |
| | LTE Band 71_Ant 0 | Front | Front | 24.5 | 0.289 | 24.0 | 0.258 | 25.5 | 0.183 | 25.5 | 0.183 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.441 | 0.693 | 0.853 | 0.781 | 0.524 | 0.584 | 0.671 | 0.587 |
| | | | Back | 24.5 | 0.380 | 24.0 | 0.339 | 25.5 | 0.271 | 25.5 | 0.271 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.610 | 1.263 | 1.041 | 1.277 | 1.063 | 1.060 | 0.859 | 1.026 |
| | | Left side | Left side | 24.5 | 0.327 | 24.0 | 0.291 | 25.5 | 0.058 | 25.5 | 0.058 | 0.223 | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | 0.349 | 0.667 | 0.653 | 0.515 | 0.497 | 0.421 | 0.506 | 0.439 | | |
| | | | Right side | 24.5 | 0.001 | 24.0 | 0.001 | 25.5 | 0.156 | 25 | | | | | | | | | | | | | | | | | |



FCC SAR TEST REPORT

Report No. : FA082114A

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|---------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| n66_Ant 8 | LTE Band 71_Ant 2 | Right side | 24.5 | | 24.0 | | 25.5 | 0.157 | 25.5 | 0.157 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.157 | 0.566 | 0.518 | 0.601 | 0.224 | 0.314 | 0.428 | 0.295 | | |
| | | Top side | 24.5 | | 24.0 | | 25.5 | 0.244 | 25.5 | 0.244 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | | 0.244 | 0.436 | 0.245 | 0.316 | 0.320 | 0.319 | 0.245 | 0.315 | |
| | | Bottom side | 24.5 | 0.482 | 24.0 | 0.430 | 25.5 | 0.001 | 25.5 | 0.001 | | | | 0.056 | | | | | | | 0.431 | 0.431 | 0.487 | 0.431 | 0.431 | 0.431 | 0.487 | 0.431 |
| | | Front | 24.5 | 0.289 | 24.0 | 0.258 | 25.5 | 0.174 | 25.5 | 0.174 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | | 0.061 | | 0.432 | 0.684 | 0.844 | 0.772 | 0.515 | 0.575 | 0.662 | 0.578 |
| | | Back | 24.5 | 0.380 | 24.0 | 0.339 | 25.5 | 0.137 | 25.5 | 0.137 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | | 0.055 | | 0.476 | 1.129 | 0.907 | 1.143 | 0.929 | 0.926 | 0.725 | 0.892 |
| | | Left side | 24.5 | 0.327 | 24.0 | 0.291 | 25.5 | 0.001 | 25.5 | 0.001 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | | | 0.292 | 0.610 | 0.596 | 0.548 | 0.440 | 0.364 | 0.449 | 0.382 |
| | | Right side | 24.5 | | 24.0 | | 25.5 | 0.093 | 25.5 | 0.093 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | | 0.090 | 0.093 | 0.502 | 0.454 | 0.537 | 0.160 | 0.250 | 0.364 | 0.231 |
| | | Top side | 24.5 | | 24.0 | | 25.5 | 0.121 | 25.5 | 0.121 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | | | 0.121 | 0.313 | 0.122 | 0.193 | 0.197 | 0.196 | 0.122 | 0.192 |
| | | Bottom side | 24.5 | 0.482 | 24.0 | 0.430 | 25.5 | 0.001 | 25.5 | 0.001 | | | | 0.056 | | | | | | | | 0.431 | 0.431 | 0.487 | 0.431 | 0.431 | 0.431 | 0.487 |
| | LTE Band 26/5_Ant 0 | Front | 24.5 | 0.376 | 22.5 | 0.237 | 25.5 | 0.433 | 23.0 | 0.243 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | | 0.481 | 0.733 | 0.893 | 0.821 | 0.564 | 0.624 | 0.711 | 0.627 | |
| | | Back | 24.5 | 0.316 | 22.5 | 0.199 | 25.5 | 0.545 | 23.0 | 0.306 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | | 0.506 | 1.159 | 0.937 | 1.173 | 0.959 | 0.956 | 0.755 | 0.922 | |
| | | Left side | 24.5 | 0.934 | 22.5 | 0.589 | 25.5 | 0.081 | 23.0 | 0.046 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | | 0.635 | 0.953 | 0.939 | 0.801 | 0.783 | 0.707 | 0.792 | 0.728 | |
| | | Right side | 24.5 | | 22.5 | | 25.5 | 0.178 | 23.0 | 0.100 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | | 0.100 | 0.509 | 0.461 | 0.544 | 0.167 | 0.257 | 0.371 | 0.235 | |
| | | Top side | 24.5 | | 22.5 | | 25.5 | 0.001 | 23.0 | 0.001 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | | | 0.001 | 0.193 | 0.002 | 0.073 | 0.077 | 0.076 | 0.002 | 0.072 |
| | | Bottom side | 24.5 | | 22.5 | | 25.5 | 0.405 | 23.0 | 0.228 | | | | | 0.056 | | | | | | | 0.228 | 0.228 | 0.284 | 0.228 | 0.228 | 0.228 | 0.228 |
| | | Front | 24.5 | 0.376 | 22.5 | 0.237 | 25.5 | 0.223 | 25.5 | 0.223 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | | 0.460 | 0.712 | 0.872 | 0.800 | 0.543 | 0.603 | 0.690 | 0.606 | |
| | | Back | 24.5 | 0.316 | 22.5 | 0.199 | 25.5 | 0.317 | 25.5 | 0.317 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | | 0.516 | 1.169 | 0.947 | 1.183 | 0.969 | 0.966 | 0.765 | 0.932 | |
| | | Left side | 24.5 | 0.934 | 22.5 | 0.589 | 25.5 | 0.063 | 25.5 | 0.063 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | | | 0.652 | 0.970 | 0.956 | 0.818 | 0.800 | 0.724 | 0.809 | 0.742 |
| | Right side | 24.5 | | 22.5 | | 25.5 | 0.202 | 25.5 | 0.202 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | | 0.202 | 0.611 | 0.563 | 0.646 | 0.269 | 0.359 | 0.473 | 0.340 | | |
| | Top side | 24.5 | | 22.5 | | 25.5 | 0.001 | 25.5 | 0.001 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | | | 0.001 | 0.193 | 0.002 | 0.073 | 0.077 | 0.076 | 0.002 | 0.072 | |
| | Bottom side | 24.5 | | 22.5 | | 25.5 | 0.179 | 25.5 | 0.179 | | | | | 0.056 | | | | | | | 0.179 | 0.179 | 0.235 | 0.179 | 0.179 | 0.179 | 0.235 | 0.179 |
| | LTE Band 13_Ant 0 | Front | 24.5 | 0.376 | 22.5 | 0.237 | 25.5 | 0.380 | 23.5 | 0.240 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | | 0.477 | 0.729 | 0.889 | 0.817 | 0.560 | 0.620 | 0.707 | 0.623 | |
| | | Back | 24.5 | 0.316 | 22.5 | 0.199 | 25.5 | 0.515 | 23.5 | 0.325 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | | 0.524 | 1.177 | 0.955 | 1.191 | 0.977 | 0.974 | 0.773 | 0.940 | |
| | | Left side | 24.5 | 0.934 | 22.5 | 0.589 | 25.5 | 0.001 | 23.5 | 0.001 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | | 0.590 | 0.908 | 0.894 | 0.756 | 0.738 | 0.662 | 0.747 | 0.680 | |
| Right side | | 24.5 | | 22.5 | | 25.5 | 0.231 | 23.5 | 0.146 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | | 0.146 | 0.555 | 0.507 | 0.590 | 0.213 | 0.303 | 0.417 | 0.284 | | |
| Top side | | 24.5 | | 22.5 | | 25.5 | 0.001 | 23.5 | 0.001 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | | | 0.001 | 0.193 | 0.002 | 0.073 | 0.077 | 0.076 | 0.002 | 0.072 | |
| Bottom side | | 24.5 | | 22.5 | | 25.5 | 0.300 | 23.5 | 0.189 | | | | | 0.056 | | | | | | | 0.189 | 0.189 | 0.245 | 0.189 | 0.189 | 0.189 | 0.245 | |
| Front | | 24.5 | 0.376 | 22.5 | 0.237 | 25.5 | 0.183 | 25.5 | 0.183 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | | 0.420 | 0.672 | 0.832 | 0.760 | 0.503 | 0.563 | 0.650 | 0.566 | | |
| Back | | 24.5 | 0.316 | 22.5 | 0.199 | 25.5 | 0.271 | 25.5 | 0.271 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | | 0.470 | 1.123 | 0.901 | 1.137 | 0.923 | 0.920 | 0.719 | 0.886 | | |
| Left side | | 24.5 | 0.934 | 22.5 | 0.589 | 25.5 | 0.058 | 25.5 | 0.058 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | | | 0.647 | 0.965 | 0.951 | 0.813 | 0.795 | 0.719 | 0.804 | 0.737 | |
| Right side | 24.5 | | 22.5 | | 25.5 | 0.156 | 25.5 | 0.156 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | | 0.156 | 0.565 | 0.517 | 0.600 | 0.223 | 0.313 | 0.427 | 0.294 | | | |
| Top side | 24.5 | | 22.5 | | 25.5 | 0.001 | 25.5 | 0.001 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | | | 0.001 | 0.193 | 0.002 | 0.073 | 0.077 | 0.076 | 0.002 | 0.072 | | |
| Bottom side | 24.5 | | 22.5 | | 25.5 | 0.149 | 25.5 | 0.149 | | | | | 0.056 | | | | | | | 0.149 | 0.149 | 0.205 | 0.149 | 0.149 | 0.149 | 0.205 | | |
| LTE Band 26/5_Ant 2 | Front | 24.5 | 0.376 | 22.5 | 0.237 | 25.5 | 0.351 | 25.5 | 0.351 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | | 0.588 | 0.840 | 1.000 | 0.928 | 0.671 | 0.731 | 0.818 | 0.734 | | |
| | Back | 24.5 | 0.316 | 22.5 | 0.199 | 25.5 | 0.307 | 25.5 | 0.307 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | | 0.506 | 1.159 | 0.937 | 1.173 | 0.959 | 0.956 | 0.755 | 0.922 | | |
| | Left side | 24.5 | 0.934 | 22.5 | 0.589 | 25.5 | 0.054 | 25.5 | 0.054 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | | | 0.643 | 0.961 | 0.947 | 0.809 | 0.791 | 0.715 | 0.800 | 0.733 | |
| | Right side | 24.5 | | 22.5 | | 25.5 | 0.133 | 25.5 | 0.133 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | | 0.133 | 0.542 | 0.494 | 0.577 | 0.200 | 0.290 | 0.404 | 0.271 | | |
| | Top side | 24.5 | | 22.5 | | 25.5 | 0.247 | 25.5 | 0.247 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | | | 0.247 | 0.439 | 0.248 | 0.319 | 0.323 | 0.322 | 0.248 | 0.318 | |
| | Bottom side | 24.5 | | 22.5 | | 25.5 | 0.001 | 25.5 | 0.001 | | | | | 0.056 | | | | | | | 0.001 | 0.001 | 0.057 | 0.001 | 0.001 | 0.001 | 0.057 | |
| | Front | 24.5 | 0.376 | 22.5 | 0.237 | 25.5 | 0.089 | 25.5 | 0.089 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | | 0.326 | 0.578 | 0.738 | 0.666 | 0.409 | 0.469 | 0.556 | 0.472 | | |
| | Back | 24.5 | 0.316 | 22.5 | 0.199 | 25.5 | 0.076 | 25.5 | 0.076 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | | 0.275 | 0.928 | 0.706 | 0.942 | 0.728 | 0.725 | 0.524 | 0.691 | | |
| | Left side | 24.5 | 0.934 | 22.5 | 0.589 | 25.5 | 0.001 | 25.5 | 0.001 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | | | 0.590 | 0.908 | 0.894 | 0.756 | 0.738 | 0.662 | 0.747 | 0.680 | |
| Right side | 24.5 | | 22.5 | | 25.5 | 0.075 | 25.5 | 0.075 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | | 0.075 | 0.484 | 0.436 | 0.519 | 0.142 | 0.232 | 0.346 | 0.213 | | | |
| Top side | 24.5 | | 22.5 | | 25.5 | 0.065 | 25.5 | 0.065 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | | | 0.065 | 0.257 | 0.066 | 0.137 | 0.141 | 0.140 | 0.066 | 0.136 | | |
| Bottom side | 24.5 | | 22.5 | | 25.5 | 0.001 | 25.5 | 0.001 | | | | | 0.056 | | | | | | | 0.001 | 0.001 | 0.057 | 0.001 | 0.001 | 0.001 | 0.057 | | |
| LTE Band 13_Ant 2 | Front | 24.5 | 0.376 | 22.5 | 0.237 | 25.5 | 0.367 | 25.5 | 0.367 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | | 0.604 | 0.856 | 1.016 | 0.944 | 0.687 | 0.747 | 0.834 | 0.750 | | |
| | Back | 24.5 | 0.316 | 22.5 | 0.199 | 25.5 | 0.311 | | | | | | | | | | | | | | | | | | | | | |



FCC SAR TEST REPORT

Report No. : FA082114A

| WWAN Band | Exposure Position | NR Standalone Maximum Power (dBm) | NR Standalone 1g SAR (W/kg) | EN-DC + WLAN NR Maximum Power (dBm) | EN-DC + WLAN NR Maximum Power (dBm) | 0 | | LTE Standalone Maximum Power (dBm) | LTE Standalone 1g SAR (W/kg) | EN-DC + WLAN LTE Maximum Power (dBm) | 1-9 | | | | | | | | | 0+1 Summed 1g SAR (W/kg) | 0+1+6+7 Summed 1g SAR (W/kg) | 0+1+2+5+9 Summed 1g SAR (W/kg) | 0+1+3+4+8 Summed 1g SAR (W/kg) | 0+1+7+8 Summed 1g SAR (W/kg) | 0+1+7+9 Summed 1g SAR (W/kg) | 0+1+5+8 Summed 1g SAR (W/kg) | 0+1+4+9 Summed 1g SAR (W/kg) |
|-------------------|-----------------------|-----------------------------------|-----------------------------|-------------------------------------|-------------------------------------|--------------|---------------|------------------------------------|------------------------------|--------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------------------|------------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| | | | | | | NR Estimated | 1g SAR (W/kg) | | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| n77 / n78_Ant 9 | LTE Band 26 / 5_Ant 0 | Front | 22.0 | 0.276 | 19.5 | 0.155 | 25.5 | 0.433 | 23.0 | 0.243 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.399 | 0.651 | 0.811 | 0.739 | 0.462 | 0.542 | 0.629 | 0.545 | |
| | | Back | 22.0 | 0.261 | 19.5 | 0.147 | 25.5 | 0.545 | 23.0 | 0.306 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.453 | 1.106 | 0.884 | 1.120 | 0.906 | 0.903 | 0.702 | 0.869 | |
| | | Left side | 22.0 | 0.592 | 19.5 | 0.333 | 25.5 | 0.081 | 23.0 | 0.046 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.378 | 0.696 | 0.682 | 0.544 | 0.526 | 0.450 | 0.535 | 0.468 | |
| | | Right side | 22.0 | | 19.5 | | 25.5 | 0.178 | 23.0 | 0.100 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.100 | 0.509 | 0.461 | 0.544 | 0.167 | 0.257 | 0.371 | 0.238 | |
| | | Top side | 22.0 | | 19.5 | | 25.5 | 0.001 | 23.0 | 0.001 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.001 | 0.193 | 0.002 | 0.073 | 0.077 | 0.076 | 0.002 | 0.072 | |
| | | Bottom side | 22.0 | | 19.5 | | 25.5 | 0.405 | 23.0 | 0.228 | | | | | 0.056 | | | | 0.228 | 0.228 | 0.284 | 0.228 | 0.228 | 0.228 | 0.284 | 0.228 | |
| | LTE Band 71_Ant 0 | Front | 22.0 | 0.276 | 19.5 | 0.155 | 25.5 | 0.183 | 25.5 | 0.183 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.338 | 0.590 | 0.750 | 0.678 | 0.421 | 0.481 | 0.568 | 0.484 | |
| | | Back | 22.0 | 0.261 | 19.5 | 0.147 | 25.5 | 0.271 | 25.5 | 0.271 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.418 | 1.071 | 0.849 | 1.085 | 0.871 | 0.868 | 0.667 | 0.834 | |
| | | Left side | 22.0 | 0.592 | 19.5 | 0.333 | 25.5 | 0.058 | 25.5 | 0.058 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.391 | 0.709 | 0.695 | 0.557 | 0.539 | 0.463 | 0.568 | 0.481 | |
| | | Right side | 22.0 | | 19.5 | | 25.5 | 0.156 | 25.5 | 0.156 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.156 | 0.565 | 0.517 | 0.600 | 0.223 | 0.313 | 0.427 | 0.294 | |
| | | Top side | 22.0 | | 19.5 | | 25.5 | 0.001 | 25.5 | 0.001 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.001 | 0.193 | 0.002 | 0.073 | 0.077 | 0.076 | 0.002 | 0.072 | |
| | | Bottom side | 22.0 | | 19.5 | | 25.5 | 0.149 | 25.5 | 0.149 | | | | | 0.056 | | | | 0.149 | 0.149 | 0.205 | 0.149 | 0.149 | 0.149 | 0.205 | 0.149 | |
| | LTE Band 26 / 5_Ant 2 | Front | 22.0 | 0.276 | 19.5 | 0.155 | 25.5 | 0.351 | 25.5 | 0.351 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.506 | 0.758 | 0.918 | 0.846 | 0.589 | 0.649 | 0.736 | 0.652 | |
| | | Back | 22.0 | 0.261 | 19.5 | 0.147 | 25.5 | 0.307 | 25.5 | 0.307 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.454 | 1.107 | 0.885 | 1.121 | 0.907 | 0.904 | 0.703 | 0.870 | |
| | | Left side | 22.0 | 0.592 | 19.5 | 0.333 | 25.5 | 0.054 | 25.5 | 0.054 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.387 | 0.705 | 0.691 | 0.553 | 0.535 | 0.459 | 0.544 | 0.477 | |
| | | Right side | 22.0 | | 19.5 | | 25.5 | 0.133 | 25.5 | 0.133 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.133 | 0.542 | 0.494 | 0.577 | 0.200 | 0.290 | 0.404 | 0.271 | |
| | | Top side | 22.0 | | 19.5 | | 25.5 | 0.247 | 25.5 | 0.247 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.247 | 0.439 | 0.248 | 0.319 | 0.323 | 0.322 | 0.248 | 0.318 | |
| | | Bottom side | 22.0 | | 19.5 | | 25.5 | 0.001 | 25.5 | 0.001 | | | | | 0.056 | | | | 0.001 | 0.001 | 0.057 | 0.001 | 0.001 | 0.001 | 0.057 | 0.001 | |
| LTE Band 71_Ant 2 | Front | 22.0 | 0.276 | 19.5 | 0.155 | 25.5 | 0.174 | 25.5 | 0.174 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.329 | 0.581 | 0.741 | 0.669 | 0.412 | 0.472 | 0.559 | 0.475 | | |
| | Back | 22.0 | 0.261 | 19.5 | 0.147 | 25.5 | 0.137 | 25.5 | 0.137 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.284 | 0.937 | 0.715 | 0.951 | 0.737 | 0.734 | 0.533 | 0.700 | | |
| | Left side | 22.0 | 0.592 | 19.5 | 0.333 | 25.5 | 0.001 | 25.5 | 0.001 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.334 | 0.652 | 0.638 | 0.500 | 0.482 | 0.406 | 0.491 | 0.424 | | |
| | Right side | 22.0 | | 19.5 | | 25.5 | 0.093 | 25.5 | 0.093 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.093 | 0.502 | 0.454 | 0.537 | 0.160 | 0.250 | 0.364 | 0.231 | | |
| | Top side | 22.0 | | 19.5 | | 25.5 | 0.121 | 25.5 | 0.121 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.121 | 0.313 | 0.122 | 0.193 | 0.197 | 0.196 | 0.122 | 0.192 | | |
| | Bottom side | 22.0 | | 19.5 | | 25.5 | 0.001 | 25.5 | 0.001 | | | | | 0.056 | | | | 0.001 | 0.001 | 0.057 | 0.001 | 0.001 | 0.001 | 0.057 | 0.001 | | |
| n77 / n78_Ant 11 | LTE Band 26 / 5_Ant 0 | Front | 22.0 | 0.041 | 19.5 | 0.023 | 25.5 | 0.433 | 23.0 | 0.243 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.267 | 0.519 | 0.679 | 0.607 | 0.350 | 0.410 | 0.497 | 0.413 | |
| | | Back | 22.0 | 0.585 | 19.5 | 0.329 | 25.5 | 0.545 | 23.0 | 0.306 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.635 | 1.288 | 1.066 | 1.302 | 1.088 | 1.085 | 0.884 | 1.051 | |
| | | Left side | 22.0 | 0.066 | 19.5 | 0.037 | 25.5 | 0.081 | 23.0 | 0.046 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.083 | 0.401 | 0.387 | 0.249 | 0.231 | 0.155 | 0.240 | 0.173 | |
| | | Right side | 22.0 | | 19.5 | | 25.5 | 0.178 | 23.0 | 0.100 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.100 | 0.509 | 0.461 | 0.544 | 0.167 | 0.257 | 0.371 | 0.238 | |
| | | Top side | 22.0 | | 19.5 | | 25.5 | 0.001 | 23.0 | 0.001 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.001 | 0.193 | 0.002 | 0.073 | 0.077 | 0.076 | 0.002 | 0.072 | |
| | | Bottom side | 22.0 | 0.080 | 19.5 | 0.045 | 25.5 | 0.405 | 23.0 | 0.228 | | | | | 0.056 | | | | 0.273 | 0.273 | 0.329 | 0.273 | 0.273 | 0.273 | 0.329 | 0.273 | |
| | LTE Band 71_Ant 0 | Front | 22.0 | 0.041 | 19.5 | 0.023 | 25.5 | 0.183 | 25.5 | 0.183 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.206 | 0.458 | 0.618 | 0.546 | 0.289 | 0.349 | 0.436 | 0.352 | |
| | | Back | 22.0 | 0.585 | 19.5 | 0.329 | 25.5 | 0.271 | 25.5 | 0.271 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.600 | 1.253 | 1.031 | 1.267 | 1.053 | 1.050 | 0.849 | 1.016 | |
| | | Left side | 22.0 | 0.066 | 19.5 | 0.037 | 25.5 | 0.058 | 25.5 | 0.058 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.095 | 0.413 | 0.399 | 0.261 | 0.243 | 0.167 | 0.252 | 0.185 | |
| | | Right side | 22.0 | | 19.5 | | 25.5 | 0.156 | 25.5 | 0.156 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.156 | 0.565 | 0.517 | 0.600 | 0.223 | 0.313 | 0.427 | 0.294 | |
| | | Top side | 22.0 | | 19.5 | | 25.5 | 0.001 | 25.5 | 0.001 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.001 | 0.193 | 0.002 | 0.073 | 0.077 | 0.076 | 0.002 | 0.072 | |
| | | Bottom side | 22.0 | 0.080 | 19.5 | 0.045 | 25.5 | 0.149 | 25.5 | 0.149 | | | | | 0.056 | | | | 0.194 | 0.194 | 0.250 | 0.194 | 0.194 | 0.194 | 0.250 | 0.194 | |
| | LTE Band 26 / 5_Ant 2 | Front | 22.0 | 0.041 | 19.5 | 0.023 | 25.5 | 0.351 | 25.5 | 0.351 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.374 | 0.626 | 0.786 | 0.714 | 0.457 | 0.517 | 0.604 | 0.520 | |
| | | Back | 22.0 | 0.585 | 19.5 | 0.329 | 25.5 | 0.307 | 25.5 | 0.307 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.636 | 1.289 | 1.067 | 1.303 | 1.089 | 1.086 | 0.885 | 1.052 | |
| | | Left side | 22.0 | 0.066 | 19.5 | 0.037 | 25.5 | 0.054 | 25.5 | 0.054 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.091 | 0.409 | 0.395 | 0.257 | 0.239 | 0.163 | 0.248 | 0.181 | |
| | | Right side | 22.0 | | 19.5 | | 25.5 | 0.133 | 25.5 | 0.133 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.133 | 0.542 | 0.494 | 0.577 | 0.200 | 0.290 | 0.404 | 0.271 | |
| | | Top side | 22.0 | | 19.5 | | 25.5 | 0.247 | 25.5 | 0.247 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.247 | 0.439 | 0.248 | 0.319 | 0.323 | 0.322 | 0.248 | 0.318 | |
| | | Bottom side | 22.0 | 0.080 | 19.5 | 0.045 | 25.5 | 0.001 | 25.5 | 0.001 | | | | | 0.056 | | | | 0.046 | 0.046 | 0.102 | 0.046 | 0.046 | 0.046 | 0.102 | 0.046 | |
| LTE Band 71_Ant 2 | Front | 22.0 | 0.041 | 19.5 | 0.023 | 25.5 | 0.174 | 25.5 | 0.174 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.197 | 0.449 | 0.609 | 0.537 | 0.280 | 0.340 | 0.427 | 0.343 | | |
| | Back | 22.0 | 0.585 | 19.5 | 0.329 | 25.5 | 0.137 | 25.5 | 0.137 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.466 | 1.119 | 0.897 | 1.133 | 0.919 | 0.916 | 0.715 | 0.882 | | |
| | Left side | 22.0 | 0.066 | 19.5 | 0.037 | 25.5 | 0.001 | 25.5 | 0.001 | | | | | | | | | | | | | | | | | | |



FCC SAR TEST REPORT

Report No. : FA082114A

| n77 / n78_Ant 11 | LTE Band 12 / 17_Ant 2 | Bottom side | SAR Values (W/kg) | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|------------------------|-------------|-------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | | 22.0 | 19.5 | 25.5 | 0.300 | 23.5 | 0.189 | 0.056 | 0.189 | 0.189 | 0.245 | 0.189 | 0.189 | 0.189 | 0.245 | 0.189 | 0.189 | 0.245 | 0.189 | 0.189 | | | | |
| LTE Band 12 / 17_Ant 2 | Front | 22.0 | 0.276 | 19.5 | 0.155 | 25.5 | 0.089 | 25.5 | 0.089 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.244 | 0.496 | 0.656 | 0.584 | 0.327 | 0.387 | 0.474 | 0.390 |
| | Back | 22.0 | 0.261 | 19.5 | 0.147 | 25.5 | 0.076 | 25.5 | 0.076 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.223 | 0.876 | 0.654 | 0.890 | 0.676 | 0.673 | 0.472 | 0.639 |
| | Left side | 22.0 | 0.592 | 19.5 | 0.333 | 25.5 | 0.001 | 25.5 | 0.001 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.334 | 0.652 | 0.638 | 0.500 | 0.482 | 0.406 | 0.491 | 0.424 |
| | Right side | 22.0 | | 19.5 | | 25.5 | 0.075 | 25.5 | 0.075 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.075 | 0.484 | 0.436 | 0.519 | 0.142 | 0.232 | 0.346 | 0.213 |
| | Top side | 22.0 | | 19.5 | | 25.5 | 0.065 | 25.5 | 0.065 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.065 | 0.257 | 0.066 | 0.137 | 0.141 | 0.140 | 0.066 | 0.136 |
| | Bottom side | 22.0 | | 19.5 | | 25.5 | 0.001 | 25.5 | 0.001 | | | | | | | | | 0.001 | 0.001 | 0.057 | 0.001 | 0.001 | 0.001 | 0.001 | 0.057 |
| LTE Band 13_Ant 2 | Front | 22.0 | 0.276 | 19.5 | 0.155 | 25.5 | 0.367 | 25.5 | 0.367 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.522 | 0.774 | 0.934 | 0.862 | 0.605 | 0.665 | 0.752 | 0.668 |
| | Back | 22.0 | 0.261 | 19.5 | 0.147 | 25.5 | 0.311 | 25.5 | 0.311 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.458 | 1.111 | 0.889 | 1.125 | 0.911 | 0.908 | 0.707 | 0.874 |
| | Left side | 22.0 | 0.592 | 19.5 | 0.333 | 25.5 | 0.001 | 25.5 | 0.001 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.334 | 0.652 | 0.638 | 0.500 | 0.482 | 0.406 | 0.491 | 0.424 |
| | Right side | 22.0 | | 19.5 | | 25.5 | 0.157 | 25.5 | 0.157 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.157 | 0.566 | 0.518 | 0.601 | 0.224 | 0.314 | 0.428 | 0.295 |
| | Top side | 22.0 | | 19.5 | | 25.5 | 0.244 | 25.5 | 0.244 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.244 | 0.436 | 0.245 | 0.316 | 0.320 | 0.319 | 0.257 | 0.315 |
| | Bottom side | 22.0 | | 19.5 | | 25.5 | 0.001 | 25.5 | 0.001 | | | | | | | | | 0.001 | 0.001 | 0.057 | 0.001 | 0.001 | 0.001 | 0.001 | 0.045 |
| LTE Band 12 / 17_Ant 0 | Front | 22.0 | 0.041 | 19.5 | 0.023 | 25.5 | 0.223 | 25.5 | 0.223 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.246 | 0.498 | 0.658 | 0.586 | 0.329 | 0.389 | 0.476 | 0.392 |
| | Back | 22.0 | 0.585 | 19.5 | 0.329 | 25.5 | 0.317 | 25.5 | 0.317 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.646 | 1.299 | 1.077 | 1.313 | 1.099 | 1.096 | 0.895 | 1.062 |
| | Left side | 22.0 | 0.066 | 19.5 | 0.037 | 25.5 | 0.063 | 25.5 | 0.063 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.100 | 0.418 | 0.404 | 0.266 | 0.248 | 0.172 | 0.257 | 0.190 |
| | Right side | 22.0 | | 19.5 | | 25.5 | 0.202 | 25.5 | 0.202 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.202 | 0.611 | 0.563 | 0.646 | 0.269 | 0.359 | 0.473 | 0.340 |
| | Top side | 22.0 | | 19.5 | | 25.5 | 0.001 | 25.5 | 0.001 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.001 | 0.193 | 0.002 | 0.073 | 0.077 | 0.076 | 0.002 | 0.072 |
| | Bottom side | 22.0 | 0.080 | 19.5 | 0.045 | 25.5 | 0.179 | 25.5 | 0.179 | | | | | | | | | 0.224 | 0.224 | 0.280 | 0.224 | 0.224 | 0.224 | 0.224 | 0.280 |
| LTE Band 13_Ant 0 | Front | 22.0 | 0.041 | 19.5 | 0.023 | 25.5 | 0.380 | 23.5 | 0.240 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.263 | 0.515 | 0.675 | 0.603 | 0.346 | 0.406 | 0.493 | 0.409 |
| | Back | 22.0 | 0.585 | 19.5 | 0.329 | 25.5 | 0.515 | 23.5 | 0.325 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.654 | 1.307 | 1.085 | 1.321 | 1.107 | 1.104 | 0.903 | 1.070 |
| | Left side | 22.0 | 0.066 | 19.5 | 0.037 | 25.5 | 0.001 | 23.5 | 0.001 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.038 | 0.356 | 0.342 | 0.204 | 0.186 | 0.110 | 0.195 | 0.128 |
| | Right side | 22.0 | | 19.5 | | 25.5 | 0.231 | 23.5 | 0.146 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.146 | 0.555 | 0.507 | 0.590 | 0.213 | 0.303 | 0.417 | 0.284 |
| | Top side | 22.0 | | 19.5 | | 25.5 | 0.001 | 23.5 | 0.001 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.001 | 0.193 | 0.002 | 0.073 | 0.077 | 0.076 | 0.002 | 0.072 |
| | Bottom side | 22.0 | 0.080 | 19.5 | 0.045 | 25.5 | 0.300 | 23.5 | 0.189 | | | | | | | | | 0.234 | 0.234 | 0.290 | 0.234 | 0.234 | 0.234 | 0.234 | 0.290 |
| LTE Band 12 / 17_Ant 2 | Front | 22.0 | 0.041 | 19.5 | 0.023 | 25.5 | 0.089 | 25.5 | 0.089 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.112 | 0.364 | 0.524 | 0.452 | 0.195 | 0.255 | 0.342 | 0.258 |
| | Back | 22.0 | 0.585 | 19.5 | 0.329 | 25.5 | 0.076 | 25.5 | 0.076 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.405 | 1.058 | 0.836 | 1.072 | 0.858 | 0.855 | 0.654 | 0.821 |
| | Left side | 22.0 | 0.066 | 19.5 | 0.037 | 25.5 | 0.001 | 25.5 | 0.001 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.038 | 0.356 | 0.342 | 0.204 | 0.186 | 0.110 | 0.195 | 0.128 |
| | Right side | 22.0 | | 19.5 | | 25.5 | 0.075 | 25.5 | 0.075 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.075 | 0.484 | 0.436 | 0.519 | 0.142 | 0.232 | 0.346 | 0.213 |
| | Top side | 22.0 | | 19.5 | | 25.5 | 0.065 | 25.5 | 0.065 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.065 | 0.257 | 0.066 | 0.137 | 0.141 | 0.140 | 0.066 | 0.136 |
| | Bottom side | 22.0 | 0.080 | 19.5 | 0.045 | 25.5 | 0.001 | 25.5 | 0.001 | | | | | | | | | 0.046 | 0.046 | 0.102 | 0.046 | 0.046 | 0.046 | 0.102 | 0.046 |
| LTE Band 13_Ant 2 | Front | 22.0 | 0.041 | 19.5 | 0.023 | 25.5 | 0.367 | 25.5 | 0.367 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.390 | 0.642 | 0.802 | 0.730 | 0.473 | 0.533 | 0.620 | 0.536 |
| | Back | 22.0 | 0.585 | 19.5 | 0.329 | 25.5 | 0.311 | 25.5 | 0.311 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.640 | 1.293 | 1.071 | 1.307 | 1.093 | 1.090 | 0.889 | 1.056 |
| | Left side | 22.0 | 0.066 | 19.5 | 0.037 | 25.5 | 0.001 | 25.5 | 0.001 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.038 | 0.356 | 0.342 | 0.204 | 0.186 | 0.110 | 0.195 | 0.128 |
| | Right side | 22.0 | | 19.5 | | 25.5 | 0.157 | 25.5 | 0.157 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.157 | 0.566 | 0.518 | 0.601 | 0.224 | 0.314 | 0.428 | 0.295 |
| | Top side | 22.0 | | 19.5 | | 25.5 | 0.244 | 25.5 | 0.244 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.244 | 0.436 | 0.245 | 0.316 | 0.320 | 0.319 | 0.245 | 0.315 |
| | Bottom side | 22.0 | 0.080 | 19.5 | 0.045 | 25.5 | 0.001 | 25.5 | 0.001 | | | | | | | | | 0.046 | 0.046 | 0.102 | 0.046 | 0.046 | 0.046 | 0.102 | 0.046 |

| WWAN Band | Exposure Position | NR Standalone Maximum Power (dBm) | NR Standalone 1g SAR (W/kg) | EN-DC+WLAN NR Maximum Power (dBm) | NR Estimated 1g SAR (W/kg) | LTE Standalone Maximum Power (dBm) | LTE Standalone 1g SAR (W/kg) | EN-DC+WLAN LTE Maximum Power (dBm) | SAR Values (W/kg) | | | | | | | | | 0+1 Summed 1g SAR (W/kg) | 0+1+6+7 Summed 1g SAR (W/kg) | 0+1+2+5+9 Summed 1g SAR (W/kg) | 0+1+3+4+8 Summed 1g SAR (W/kg) | 0+1+7+8 Summed 1g SAR (W/kg) | 0+1+7+9 Summed 1g SAR (W/kg) | 0+1+5+8 Summed 1g SAR (W/kg) | 0+1+4+9 Summed 1g SAR (W/kg) |
|-----------------------|-------------------|-----------------------------------|-----------------------------|-----------------------------------|----------------------------|------------------------------------|------------------------------|------------------------------------|-------------------|--------------------|--------------------|------------------|------------------|----------------------|--------------------|------------------|------------------|--------------------------|------------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| | | | | | | | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | | | | | | |
| | | | | | | | | | LTE Estimated | 2.4GHz WLAN Ant. 6 | 2.4GHz WLAN Ant. 5 | 5GHz WLAN Ant. 6 | 5GHz WLAN Ant. 5 | 2.4GHz WLAN Ant. 6+5 | 5GHz WLAN Ant. 6+5 | Bluetooth Ant. 6 | Bluetooth Ant. 5 | | | | | | | | |
| LTE Band 25 / 2_Ant 1 | Front | 22.0 | 0.276 | 19.5 | 0.155 | 23.0 | 0.401 | 19.0 | 0.160 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.315 | 0.567 | 0.727 | 0.655 | 0.398 | 0.458 | 0.545 | 0.461 |
| | Back | 22.0 | 0.261 | 19.5 | 0.147 | 23.0 | 0.527 | 19.0 | 0.210 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.357 | 1.010 | 0.788 | 1.024 | 0.810 | 0.807 | 0.606 | 0.773 |
| | Left side | 22.0 | 0.592 | 19.5 | 0.333 | 23.0 | 0.474 | 19.0 | 0.189 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.522 | 0.840 | 0.826 | 0.688 | 0.670 | 0.594 | 0.679 | 0.612 |
| | Right side | 22.0 | | 19.5 | | 23.0 | 0.060 | 19.0 | 0.024 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.024 | 0.433 | 0.385 | 0.468 | 0.091 | 0.181 | 0.295 | 0.162 |
| | Top side | 22.0 | | 19.5 | | 23.0 | 0.001 | 19.0 | 0.000 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.000 | 0.192 | 0.001 | 0.072 | 0.076 | 0.075 | 0.001 | 0.071 |
| | Bottom side | 22.0 | | 19.5 | | 23.0 | 1.069 | 19.0 | 0.426 | | | | | | | | | 0.426 | 0.426 | 0.482 | 0.426 | 0.426 | 0.426 | 0.482 | 0.426 |
| LTE Band 7_Ant 1 | Front | 22.0 | 0.276 | 19.5 | 0.155 | 24.0 | 0.388 | 20.5 | 0.173 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.329 | 0.581 | 0.741 | 0.669 | 0.412 | 0.472 | 0.559 | 0.475 |
| | Back | 22.0 | 0.261 | 19.5 | 0.147 | 24.0 | 0.686 | 20.5 | 0.306 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.453 | 1.106 | 0.884 | 1.120 | 0.906 | 0.903 | 0.702 | 0.869 |
| | Left side | 22.0 | 0.592 | 19.5 | 0.333 | 24.0 | 0.525 | 20.5 | 0.235 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.567 | 0.885 | 0.871 | 0.733 | 0.715 | 0.639 | 0.724 | 0.657 |
| | Right side | 22.0 | | 19.5 | | 24.0 | 0.099 | 20.5 | 0.044 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.044 | 0.453 | 0.405 | 0.488 | 0.111 | 0.201 | 0.315 | 0.182 |
| | Top side | 22.0 | | 19.5 | | 24.0 | 0.001 | 20.5 | 0.000 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.000 | 0.192 | 0.001 | 0.072 | 0.076 | 0.075 | 0.001 | 0.071 |
| | Bottom side | 22.0 | | 19.5 | | 24.0 | 1.031 | 20.5 | 0.461 | | | | | | | | | 0.461 | 0.461 | 0.517 | 0.461 | 0.461 | 0.461 | 0.517 | 0.461 |



FCC SAR TEST REPORT

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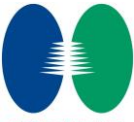
| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|-------------|------|-------|------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| LTE Band 25 / 2_Ant 8 | Top side | 22.0 | | 19.5 | | 25.5 | 0.001 | 24.0 | 0.001 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.001 | 0.193 | 0.002 | 0.073 | 0.077 | 0.076 | 0.002 | 0.072 |
| | Bottom side | 22.0 | | 19.5 | | 25.5 | 0.623 | 24.0 | 0.441 | | | | 0.056 | | | | | 0.441 | 0.441 | 0.497 | 0.441 | 0.441 | 0.441 | 0.497 | 0.441 |
| | Front | 22.0 | 0.276 | 19.5 | 0.155 | 24.0 | 0.534 | 18.5 | 0.151 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.306 | 0.558 | 0.718 | 0.646 | 0.389 | 0.449 | 0.536 | 0.452 |
| | Back | 22.0 | 0.261 | 19.5 | 0.147 | 24.0 | 0.457 | 18.5 | 0.129 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.276 | 0.929 | 0.707 | 0.943 | 0.729 | 0.726 | 0.525 | 0.692 |
| | Left side | 22.0 | 0.592 | 19.5 | 0.333 | 24.0 | 1.174 | 18.5 | 0.331 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.664 | 0.982 | 0.968 | 0.830 | 0.812 | 0.736 | 0.821 | 0.754 |
| | Right side | 22.0 | | 19.5 | | 24.0 | 0.002 | 18.5 | 0.001 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.001 | 0.410 | 0.362 | 0.445 | 0.068 | 0.158 | 0.272 | 0.139 |
| | Top side | 22.0 | | 19.5 | | 24.0 | 0.064 | 18.5 | 0.018 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.018 | 0.210 | 0.019 | 0.090 | 0.094 | 0.093 | 0.019 | 0.089 |
| | Bottom side | 22.0 | | 19.5 | | 24.0 | 0.105 | 18.5 | 0.030 | | | | 0.056 | | | | | 0.030 | 0.030 | 0.086 | 0.030 | 0.030 | 0.030 | 0.086 | 0.030 |
| LTE Band 7_Ant 8 | Front | 22.0 | 0.276 | 19.5 | 0.155 | 24.5 | 0.534 | 19.0 | 0.151 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.306 | 0.558 | 0.718 | 0.646 | 0.389 | 0.449 | 0.536 | 0.452 |
| | Back | 22.0 | 0.261 | 19.5 | 0.147 | 24.5 | 0.537 | 19.0 | 0.151 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.298 | 0.951 | 0.729 | 0.965 | 0.751 | 0.748 | 0.547 | 0.714 |
| | Left side | 22.0 | 0.592 | 19.5 | 0.333 | 24.5 | 1.190 | 19.0 | 0.335 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.668 | 0.986 | 0.972 | 0.834 | 0.816 | 0.740 | 0.825 | 0.758 |
| | Right side | 22.0 | | 19.5 | | 24.5 | 0.001 | 19.0 | 0.000 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.000 | 0.409 | 0.361 | 0.444 | 0.067 | 0.157 | 0.271 | 0.138 |
| | Top side | 22.0 | | 19.5 | | 24.5 | 0.045 | 19.0 | 0.013 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.013 | 0.205 | 0.014 | 0.085 | 0.089 | 0.088 | 0.014 | 0.084 |
| | Bottom side | 22.0 | | 19.5 | | 24.5 | 0.118 | 19.0 | 0.033 | | | | 0.056 | | | | | 0.033 | 0.033 | 0.089 | 0.033 | 0.033 | 0.033 | 0.089 | 0.033 |
| LTE Band 41 / 38_Ant 8 | Front | 22.0 | 0.276 | 19.5 | 0.155 | 25.5 | 0.428 | 21.0 | 0.152 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.307 | 0.559 | 0.719 | 0.647 | 0.390 | 0.450 | 0.537 | 0.453 |
| | Back | 22.0 | 0.261 | 19.5 | 0.147 | 25.5 | 0.418 | 21.0 | 0.148 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.295 | 0.948 | 0.726 | 0.962 | 0.748 | 0.745 | 0.544 | 0.711 |
| | Left side | 22.0 | 0.592 | 19.5 | 0.333 | 25.5 | 0.994 | 21.0 | 0.353 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.686 | 1.004 | 0.990 | 0.852 | 0.834 | 0.758 | 0.843 | 0.776 |
| | Right side | 22.0 | | 19.5 | | 25.5 | 0.063 | 21.0 | 0.022 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.022 | 0.431 | 0.383 | 0.466 | 0.089 | 0.179 | 0.293 | 0.160 |
| | Top side | 22.0 | | 19.5 | | 25.5 | 0.002 | 21.0 | 0.001 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.001 | 0.193 | 0.002 | 0.073 | 0.077 | 0.076 | 0.002 | 0.072 |
| | Bottom side | 22.0 | | 19.5 | | 25.5 | 0.070 | 21.0 | 0.025 | | | | 0.056 | | | | | 0.025 | 0.025 | 0.081 | 0.025 | 0.025 | 0.025 | 0.001 | 0.025 |
| LTE Band 66 / 4_Ant 8 | Front | 22.0 | 0.276 | 19.5 | 0.155 | 25.0 | 0.456 | 20.0 | 0.144 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.299 | 0.551 | 0.711 | 0.639 | 0.382 | 0.442 | 0.529 | 0.445 |
| | Back | 22.0 | 0.261 | 19.5 | 0.147 | 25.0 | 0.408 | 20.0 | 0.129 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.276 | 0.929 | 0.707 | 0.943 | 0.729 | 0.726 | 0.525 | 0.692 |
| | Left side | 22.0 | 0.592 | 19.5 | 0.333 | 25.0 | 1.122 | 20.0 | 0.355 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.688 | 1.006 | 0.992 | 0.854 | 0.836 | 0.760 | 0.845 | 0.778 |
| | Right side | 22.0 | | 19.5 | | 25.0 | 0.001 | 20.0 | 0.000 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.000 | 0.409 | 0.361 | 0.444 | 0.067 | 0.157 | 0.271 | 0.138 |
| | Top side | 22.0 | | 19.5 | | 25.0 | 0.001 | 20.0 | 0.000 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.000 | 0.192 | 0.001 | 0.072 | 0.076 | 0.075 | 0.001 | 0.071 |
| | Bottom side | 22.0 | | 19.5 | | 25.0 | 0.073 | 20.0 | 0.023 | | | | 0.056 | | | | | 0.023 | 0.023 | 0.079 | 0.023 | 0.023 | 0.023 | 0.079 | 0.023 |
| LTE Band 25 / 2_Ant 1 | Front | 22.0 | 0.041 | 19.5 | 0.023 | 23.0 | 0.401 | 19.0 | 0.160 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.183 | 0.435 | 0.595 | 0.523 | 0.266 | 0.326 | 0.413 | 0.329 |
| | Back | 22.0 | 0.585 | 19.5 | 0.329 | 23.0 | 0.527 | 19.0 | 0.210 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.539 | 1.192 | 0.970 | 1.206 | 0.992 | 0.989 | 0.788 | 0.955 |
| | Left side | 22.0 | 0.066 | 19.5 | 0.037 | 23.0 | 0.474 | 19.0 | 0.189 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.226 | 0.544 | 0.530 | 0.392 | 0.374 | 0.298 | 0.383 | 0.316 |
| | Right side | 22.0 | | 19.5 | | 23.0 | 0.060 | 19.0 | 0.024 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.024 | 0.433 | 0.385 | 0.468 | 0.091 | 0.181 | 0.295 | 0.162 |
| | Top side | 22.0 | | 19.5 | | 23.0 | 0.001 | 19.0 | 0.000 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.000 | 0.192 | 0.001 | 0.072 | 0.076 | 0.075 | 0.001 | 0.071 |
| | Bottom side | 22.0 | 0.080 | 19.5 | 0.045 | 23.0 | 1.069 | 19.0 | 0.426 | | | | 0.056 | | | | | 0.471 | 0.471 | 0.527 | 0.471 | 0.471 | 0.471 | 0.527 | 0.471 |
| LTE Band 7_Ant 1 | Front | 22.0 | 0.041 | 19.5 | 0.023 | 24.0 | 0.388 | 20.5 | 0.173 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.196 | 0.448 | 0.608 | 0.536 | 0.279 | 0.339 | 0.426 | 0.342 |
| | Back | 22.0 | 0.585 | 19.5 | 0.329 | 24.0 | 0.686 | 20.5 | 0.306 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.635 | 1.288 | 1.076 | 1.302 | 1.088 | 1.085 | 0.884 | 1.051 |
| | Left side | 22.0 | 0.066 | 19.5 | 0.037 | 24.0 | 0.525 | 20.5 | 0.235 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.272 | 0.590 | 0.576 | 0.438 | 0.420 | 0.344 | 0.429 | 0.362 |
| | Right side | 22.0 | | 19.5 | | 24.0 | 0.099 | 20.5 | 0.044 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.044 | 0.453 | 0.405 | 0.488 | 0.111 | 0.201 | 0.315 | 0.182 |
| | Top side | 22.0 | | 19.5 | | 24.0 | 0.001 | 20.5 | 0.000 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.000 | 0.192 | 0.001 | 0.072 | 0.076 | 0.075 | 0.001 | 0.071 |
| | Bottom side | 22.0 | 0.080 | 19.5 | 0.045 | 24.0 | 1.031 | 20.5 | 0.461 | | | | 0.056 | | | | | 0.506 | 0.506 | 0.562 | 0.506 | 0.506 | 0.506 | 0.562 | 0.506 |
| LTE Band 41 / 38_Ant 1 | Front | 22.0 | 0.041 | 19.5 | 0.023 | 25.5 | 0.349 | 22.5 | 0.175 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.198 | 0.450 | 0.610 | 0.538 | 0.281 | 0.341 | 0.428 | 0.344 |
| | Back | 22.0 | 0.585 | 19.5 | 0.329 | 25.5 | 0.682 | 22.5 | 0.342 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.671 | 1.324 | 1.102 | 1.338 | 1.124 | 1.121 | 0.920 | 1.087 |
| | Left side | 22.0 | 0.066 | 19.5 | 0.037 | 25.5 | 0.563 | 22.5 | 0.282 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.319 | 0.637 | 0.623 | 0.485 | 0.467 | 0.391 | 0.476 | 0.409 |
| | Right side | 22.0 | | 19.5 | | 25.5 | 0.068 | 22.5 | 0.034 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.034 | 0.443 | 0.395 | 0.478 | 0.101 | 0.191 | 0.305 | 0.172 |
| | Top side | 22.0 | | 19.5 | | 25.5 | 0.001 | 22.5 | 0.001 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.001 | 0.193 | 0.002 | 0.073 | 0.077 | 0.076 | 0.002 | 0.072 |
| | Bottom side | 22.0 | 0.080 | 19.5 | 0.045 | 25.5 | 0.913 | 22.5 | 0.458 | | | | 0.056 | | | | | 0.503 | 0.503 | 0.559 | 0.503 | 0.503 | 0.503 | 0.559 | 0.503 |
| n77 / n78_Ant 11 | Front | 22.0 | 0.041 | 19.5 | 0.023 | 25.5 | 0.291 | 24.0 | 0.206 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.229 | 0.481 | 0.641 | 0.569 | 0.312 | 0.372 | 0.459 | 0.375 |
| | Back | 22.0 | 0.585 | 19.5 | 0.329 | 25.5 | 0.411 | 24.0 | 0.291 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.620 | 1.273 | 1.051 | 1.287 | 1.073 | 1.070 | 0.869 | 1.036 |
| | Left side | 22.0 | 0.066 | 19.5 | 0.037 | 25.5 | 0.320 | 24.0 | 0.227 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.264 | 0.582 | 0.568 | 0.430 | 0.412 | 0.336 | 0.421 | 0.354 |
| | Right side | 22.0 | | 19.5 | | 25.5 | 0 | | | | | | | | | | | | | | | | | | |



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| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|-------------|------|-------|------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| LTE Band 66 / 4_Ant 8 | Left side | 22.0 | 0.066 | 19.5 | 0.037 | 25.5 | 0.994 | 21.0 | 0.353 | 0.223 | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | 0.390 | 0.708 | 0.694 | 0.556 | 0.538 | 0.462 | 0.547 | 0.480 | | |
| | Right side | 22.0 | | 19.5 | | 25.5 | 0.063 | 21.0 | 0.022 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | 0.090 | 0.022 | 0.431 | 0.383 | 0.466 | 0.089 | 0.179 | 0.293 | 0.160 | |
| | Top side | 22.0 | | 19.5 | | 25.5 | 0.002 | 21.0 | 0.001 | 0.001 | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.001 | 0.193 | 0.002 | 0.073 | 0.077 | 0.076 | 0.002 | 0.072 | |
| | Bottom side | 22.0 | 0.080 | 19.5 | 0.045 | 25.5 | 0.070 | 21.0 | 0.025 | | | 0.056 | | | | | 0.070 | 0.070 | 0.126 | 0.070 | 0.070 | 0.070 | 0.126 | 0.070 | |
| | Front | 22.0 | 0.041 | 19.5 | 0.023 | 25.0 | 0.456 | 20.0 | 0.144 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.167 | 0.419 | 0.579 | 0.507 | 0.250 | 0.310 | 0.397 | 0.313 |
| | Back | 22.0 | 0.585 | 19.5 | 0.329 | 25.0 | 0.408 | 20.0 | 0.129 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.458 | 1.111 | 0.889 | 1.125 | 0.911 | 0.908 | 0.707 | 0.874 |
| | Left side | 22.0 | 0.066 | 19.5 | 0.037 | 25.0 | 1.122 | 20.0 | 0.355 | 0.223 | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.392 | 0.710 | 0.696 | 0.558 | 0.540 | 0.464 | 0.549 | 0.482 | |
| | Right side | 22.0 | | 19.5 | | 25.0 | 0.001 | 20.0 | 0.000 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | 0.090 | 0.000 | 0.409 | 0.361 | 0.444 | 0.067 | 0.157 | 0.271 | 0.138 | |
| | Top side | 22.0 | | 19.5 | | 25.0 | 0.001 | 20.0 | 0.000 | 0.001 | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.000 | 0.192 | 0.001 | 0.072 | 0.076 | 0.075 | 0.001 | 0.071 | |
| | Bottom side | 22.0 | 0.080 | 19.5 | 0.045 | 25.0 | 0.073 | 20.0 | 0.023 | | | 0.056 | | | | | 0.068 | 0.068 | 0.124 | 0.068 | 0.068 | 0.068 | 0.124 | 0.068 | |



15.3 Body-worn Exposure Conditions

<EN-DC active with WLAN/BT Normal Mode>

Table with columns: Wwan Band, Exposure Position, NR Standalone Max Power (dBm), EN-DC Active NR Max Power (dBm), LTE Standalone Max Power (dBm), EN-DC Active LTE Max Power (dBm), and various SAR (W/kg) values for different frequency bands and antenna configurations.

Table with columns: Wwan Band, Exposure Position, NR Standalone Max Power (dBm), EN-DC Active NR Max Power (dBm), LTE Standalone Max Power (dBm), EN-DC Active LTE Max Power (dBm), and various SAR (W/kg) values for different frequency bands and antenna configurations.



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| Device | Band | Position | NR Standalone | | EN-DC Active NR | | EN-DC + WLAN | | LTE Standalone | | LTE + WLAN | | EN-DC Active LTE | | EN-DC + WLAN | | LTE Standalone | | LTE + WLAN | | EN-DC Active LTE | | EN-DC + WLAN | | LTE Standalone | | LTE + WLAN | | EN-DC Active LTE | | EN-DC + WLAN | | LTE Standalone | | LTE + WLAN | | EN-DC Active LTE | | EN-DC + WLAN | |
|-----------|-----------------------|----------|-----------------|---------------|-----------------|---------------|-----------------|---------------|-----------------|---------------|-----------------|---------------|------------------|---------------|-----------------|---------------|-----------------|---------------|-----------------|---------------|------------------|---------------|-----------------|---------------|-----------------|---------------|-----------------|---------------|------------------|---------------|-----------------|---------------|-----------------|---------------|-----------------|---------------|------------------|---------------|-----------------|---------------|
| | | | Max Power (dBm) | 1g SAR (W/kg) | Max Power (dBm) | 1g SAR (W/kg) | Max Power (dBm) | 1g SAR (W/kg) | Max Power (dBm) | 1g SAR (W/kg) | Max Power (dBm) | 1g SAR (W/kg) | Max Power (dBm) | 1g SAR (W/kg) | Max Power (dBm) | 1g SAR (W/kg) | Max Power (dBm) | 1g SAR (W/kg) | Max Power (dBm) | 1g SAR (W/kg) | Max Power (dBm) | 1g SAR (W/kg) | Max Power (dBm) | 1g SAR (W/kg) | Max Power (dBm) | 1g SAR (W/kg) | Max Power (dBm) | 1g SAR (W/kg) | Max Power (dBm) | 1g SAR (W/kg) | Max Power (dBm) | 1g SAR (W/kg) | Max Power (dBm) | 1g SAR (W/kg) | Max Power (dBm) | 1g SAR (W/kg) | Max Power (dBm) | 1g SAR (W/kg) | Max Power (dBm) | 1g SAR (W/kg) |
| n12_Ant 0 | LTE Band 7 / Ant 8 | Front | 24.5 | 0.162 | 24.5 | 0.162 | 24.5 | 0.162 | 25.5 | 0.306 | 23.5 | 0.193 | 23.5 | 0.193 | 0.049 | 0.132 | 0.081 | 0.131 | 0.090 | 0.122 | 0.027 | 0.001 | 0.355 | 0.355 | 0.567 | 0.536 | 0.595 | 0.504 | 0.478 | 0.513 | 0.437 | 0.355 | 0.355 | 0.567 | 0.536 | 0.595 | 0.504 | 0.478 | 0.513 | 0.437 |
| | | Back | 24.5 | 0.145 | 24.5 | 0.145 | 24.5 | 0.145 | 25.5 | 0.327 | 23.5 | 0.206 | 23.5 | 0.206 | 0.095 | 0.018 | 0.114 | 0.335 | 0.089 | 0.314 | 0.067 | 0.058 | 0.351 | 0.351 | 0.754 | 0.839 | 0.550 | 0.732 | 0.723 | 0.753 | 0.523 | 0.351 | 0.351 | 0.754 | 0.839 | 0.550 | 0.732 | 0.723 | 0.753 | 0.523 |
| | LTE Band 66 / 4_Ant 8 | Front | 24.5 | 0.162 | 24.5 | 0.162 | 24.5 | 0.162 | 24.5 | 0.188 | 24.5 | 0.188 | 24.5 | 0.188 | 0.049 | 0.132 | 0.081 | 0.131 | 0.090 | 0.122 | 0.027 | 0.001 | 0.350 | 0.350 | 0.562 | 0.531 | 0.590 | 0.499 | 0.473 | 0.508 | 0.432 | 0.350 | 0.350 | 0.562 | 0.531 | 0.590 | 0.499 | 0.473 | 0.508 | 0.432 |
| | | Back | 24.5 | 0.145 | 24.5 | 0.145 | 24.5 | 0.145 | 24.5 | 0.163 | 24.5 | 0.163 | 24.5 | 0.163 | 0.095 | 0.018 | 0.114 | 0.335 | 0.089 | 0.314 | 0.067 | 0.058 | 0.308 | 0.308 | 0.711 | 0.796 | 0.507 | 0.689 | 0.680 | 0.710 | 0.480 | 0.308 | 0.308 | 0.711 | 0.796 | 0.507 | 0.689 | 0.680 | 0.710 | 0.480 |

| WWAN Band | Exposure Position | NR Standalone Max Power (dBm) | NR Standalone 1g SAR (W/kg) | EN-DC Active NR Max Power (dBm) | NR Estimated 1g SAR (W/kg) | EN-DC + WLAN Max Power (dBm) | NR Estimated 1g SAR (W/kg) | LTE Standalone Max Power (dBm) | LTE Standalone 1g SAR (W/kg) | EN-DC Active LTE Max Power (dBm) | LTE Estimated 1g SAR (W/kg) | EN-DC + WLAN Max Power (dBm) | LTE Estimated 1g SAR (W/kg) | 2.4GHz WLAN Ant 4 1g SAR (W/kg) | 2.4GHz WLAN Ant 5 1g SAR (W/kg) | Max 5GHz WLAN / WiFi Ant 4 1g SAR (W/kg) | Max 5GHz WLAN / WiFi Ant 5 1g SAR (W/kg) | 2.4GHz WLAN Ant 4+5 1g SAR (W/kg) | Max 5GHz WLAN / WiFi Ant 4+5 1g SAR (W/kg) | Bluetooth Ant 4 1g SAR (W/kg) | Bluetooth Ant 5 1g SAR (W/kg) | 10+11 Summed 1g SAR (W/kg) | 0+1 Summed 1g SAR (W/kg) | 0+1+6+7 Summed 1g SAR (W/kg) | 0+1+2+5+9 Summed 1g SAR (W/kg) | 0+1+3+4+8 Summed 1g SAR (W/kg) | 0+1+7+8 Summed 1g SAR (W/kg) | 0+1+7+9 Summed 1g SAR (W/kg) | 0+1+5+8 Summed 1g SAR (W/kg) | 0+1+4+9 Summed 1g SAR (W/kg) | | | | | | | | | | |
|-----------|------------------------|-------------------------------|-----------------------------|---------------------------------|----------------------------|------------------------------|----------------------------|--------------------------------|------------------------------|----------------------------------|-----------------------------|------------------------------|-----------------------------|---------------------------------|---------------------------------|------------------------------------------|------------------------------------------|-----------------------------------|--------------------------------------------|-------------------------------|-------------------------------|----------------------------|--------------------------|------------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|----------|-----------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | n7_Ant 1 | LTE Band 26 / 5_Ant 0 | Front | 24.5 | 0.254 | 24.5 | 0.254 | 21.5 | 0.127 | 25.0 |
| n7_Ant 1 | LTE Band 12 / 17_Ant 0 | Front | 24.5 | 0.254 | 24.5 | 0.254 | 21.5 | 0.127 | 25.5 | 0.130 | 25.5 | 0.130 | 25.5 | 0.130 | 0.049 | 0.132 | 0.081 | 0.131 | 0.090 | 0.122 | 0.027 | 0.001 | 0.399 | 0.257 | 0.469 | 0.438 | 0.497 | 0.406 | 0.380 | 0.415 | 0.339 | 0.399 | 0.257 | 0.469 | 0.438 | 0.497 | 0.406 | 0.380 | 0.415 | 0.339 |
| | | Back | 24.5 | 0.384 | 24.5 | 0.384 | 21.5 | 0.192 | 25.5 | 0.179 | 25.5 | 0.179 | 25.5 | 0.179 | 0.095 | 0.018 | 0.114 | 0.335 | 0.089 | 0.314 | 0.067 | 0.058 | 0.563 | 0.371 | 0.774 | 0.859 | 0.570 | 0.752 | 0.743 | 0.773 | 0.543 | 0.563 | 0.371 | 0.774 | 0.859 | 0.570 | 0.752 | 0.743 | 0.773 | 0.543 |
| | LTE Band 66_Ant 8 | Front | 24.5 | 0.254 | 24.5 | 0.254 | 21.5 | 0.127 | 24.5 | 0.161 | 24.5 | 0.161 | 24.5 | 0.161 | 0.049 | 0.132 | 0.081 | 0.131 | 0.090 | 0.122 | 0.027 | 0.001 | 0.415 | 0.288 | 0.500 | 0.469 | 0.528 | 0.437 | 0.411 | 0.446 | 0.370 | 0.415 | 0.288 | 0.500 | 0.469 | 0.528 | 0.437 | 0.411 | 0.446 | 0.370 |
| | | Back | 24.5 | 0.384 | 24.5 | 0.384 | 21.5 | 0.192 | 24.5 | 0.191 | 24.5 | 0.191 | 24.5 | 0.191 | 0.095 | 0.018 | 0.114 | 0.335 | 0.089 | 0.314 | 0.067 | 0.058 | 0.575 | 0.383 | 0.786 | 0.871 | 0.582 | 0.764 | 0.755 | 0.785 | 0.555 | 0.575 | 0.383 | 0.786 | 0.871 | 0.582 | 0.764 | 0.755 | 0.785 | 0.555 |

| WWAN Band | Exposure Position | NR Standalone Max Power (dBm) | NR Standalone 1g SAR (W/kg) | EN-DC Active NR Max Power (dBm) | NR Estimated 1g SAR (W/kg) | EN-DC + WLAN Max Power (dBm) | NR Estimated 1g SAR (W/kg) | LTE Standalone Max Power (dBm) | LTE Standalone 1g SAR (W/kg) | EN-DC Active LTE Max Power (dBm) | LTE Estimated 1g SAR (W/kg) | EN-DC + WLAN Max Power (dBm) | LTE Estimated 1g SAR (W/kg) | 2.4GHz WLAN Ant 4 1g SAR (W/kg) | 2.4GHz WLAN Ant 5 1g SAR (W/kg) | Max 5GHz WLAN / WiFi Ant 4 1g SAR (W/kg) | Max 5GHz WLAN / WiFi Ant 5 1g SAR (W/kg) | 2.4GHz WLAN Ant 4+5 1g SAR (W/kg) | Max 5GHz WLAN / WiFi Ant 4+5 1g SAR (W/kg) | Bluetooth Ant 4 1g SAR (W/kg) | Bluetooth Ant 5 1g SAR (W/kg) | 10+11 Summed 1g SAR (W/kg) | 0+1 Summed 1g SAR (W/kg) | 0+1+6+7 Summed 1g SAR (W/kg) | 0+1+2+5+9 Summed 1g SAR (W/kg) | 0+1+3+4+8 Summed 1g SAR (W/kg) | 0+1+7+8 Summed 1g SAR (W/kg) | 0+1+7+9 Summed 1g SAR (W/kg) | 0+1+5+8 Summed 1g SAR (W/kg) | 0+1+4+9 Summed 1g SAR (W/kg) | | | | | | | | | | |
|-------------------------|------------------------|-------------------------------|-----------------------------|---------------------------------|----------------------------|------------------------------|----------------------------|--------------------------------|------------------------------|----------------------------------|-----------------------------|------------------------------|-----------------------------|---------------------------------|---------------------------------|------------------------------------------|------------------------------------------|-----------------------------------|--------------------------------------------|-------------------------------|-------------------------------|----------------------------|--------------------------|------------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|-----------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | n38_Ant 9 Portrait mode | LTE Band 26 / 5_Ant 0 | Front | 24.5 | 0.274 | 24.5 | 0.274 | 23.0 | 0.194 | 25.0 |
| n38_Ant 9 Portrait mode | LTE Band 12 / 17_Ant 0 | Front | 24.5 | 0.274 | 24.5 | 0.274 | 23.0 | 0.194 | 25.5 | 0.130 | 25.5 | 0.130 | 25.5 | 0.130 | 0.049 | 0.132 | 0.081 | 0.131 | 0.090 | 0.122 | 0.027 | 0.001 | 0.404 | 0.324 | 0.536 | 0.505 | 0.564 | 0.473 | 0.447 | 0.482 | 0.406 | 0.404 | 0.324 | 0.536 | 0.505 | 0.564 | 0.473 | 0.447 | 0.482 | 0.406 |
| | | Back | 24.5 | 0.198 | 24.5 | 0.198 | 23.0 | 0.140 | 25.5 | 0.179 | 25.5 | 0.179 | 25.5 | 0.179 | 0.095 | 0.018 | 0.114 | 0.335 | 0.089 | 0.314 | 0.067 | 0.058 | 0.377 | 0.319 | 0.722 | 0.807 | 0.518 | 0.700 | 0.691 | 0.721 | 0.491 | 0.377 | 0.319 | 0.722 | 0.807 | 0.518 | 0.700 | 0.691 | 0.721 | 0.491 |
| | LTE Band 71_Ant 0 | Front | 24.5 | 0.274 | 24.5 | 0.274 | 23.0 | 0.194 | 25.5 | 0.118 | 25.5 | 0.118 | 25.5 | 0.118 | 0.049 | 0.132 | 0.081 | 0.131 | 0.090 | 0.122 | 0.027 | 0.001 | 0.392 | 0.312 | 0.524 | 0.493 | 0.552 | 0.461 | 0.435 | 0.470 | 0.394 | 0.392 | 0.312 | 0.524 | 0.493 | 0.552 | 0.461 | 0.435 | 0.470 | 0.394 |
| | | Back | 24.5 | 0.198 | 24.5 | 0.198 | 23.0 | 0.140 | 25.5 | 0.166 | 25.5 | 0.166 | 25.5 | 0.166 | 0.095 | 0.018 | 0.114 | 0.335 | 0.089 | 0.314 | 0.067 | 0.058 | 0.364 | 0.306 | 0.709 | 0.794 | 0.505 | 0.687 | 0.678 | 0.708 | 0.478 | 0.364 | 0.306 | 0.709 | 0.794 | 0.505 | 0.687 | 0.678 | 0.708 | 0.478 |



FCC SAR TEST REPORT

Report No. : FA082114A

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|------------|------------------------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| n41_Ant 11 | 25 / 2, Ant 8 | Back | 24.0 | 0.204 | 23.0 | 0.162 | 23.0 | 0.162 | 25.5 | 0.234 | 23.5 | 0.148 | 23.5 | 0.148 | 0.095 | 0.018 | 0.114 | 0.335 | 0.089 | 0.314 | 0.067 | 0.058 | 0.310 | 0.310 | 0.713 | 0.798 | 0.509 | 0.691 | 0.682 | 0.712 | 0.482 |
| | LTE Band 66 / 4, Ant 8 | Front | 24.0 | 0.250 | 23.0 | 0.199 | 23.0 | 0.199 | 24.5 | 0.188 | 24.5 | 0.188 | 24.5 | 0.188 | 0.049 | 0.132 | 0.081 | 0.131 | 0.090 | 0.122 | 0.027 | 0.001 | 0.387 | 0.387 | 0.599 | 0.568 | 0.627 | 0.536 | 0.510 | 0.545 | 0.469 |
| | LTE Band 25 / 2, Ant 8 | Back | 24.0 | 0.204 | 23.0 | 0.162 | 23.0 | 0.162 | 24.5 | 0.163 | 24.5 | 0.163 | 24.5 | 0.163 | 0.095 | 0.018 | 0.114 | 0.335 | 0.089 | 0.314 | 0.067 | 0.058 | 0.325 | 0.325 | 0.728 | 0.813 | 0.524 | 0.706 | 0.697 | 0.727 | 0.497 |
| | LTE Band 66 / 4, Ant 8 | Front | 24.0 | 0.001 | 24.0 | 0.001 | 22.5 | 0.001 | 25.0 | 0.283 | 25.0 | 0.283 | 22.0 | 0.142 | 0.049 | 0.132 | 0.081 | 0.131 | 0.090 | 0.122 | 0.027 | 0.001 | 0.284 | 0.143 | 0.355 | 0.324 | 0.383 | 0.292 | 0.266 | 0.301 | 0.225 |
| | LTE Band 25 / 2, Ant 8 | Back | 24.0 | 0.264 | 24.0 | 0.264 | 22.5 | 0.187 | 25.0 | 0.399 | 25.0 | 0.399 | 22.0 | 0.200 | 0.095 | 0.018 | 0.114 | 0.335 | 0.089 | 0.314 | 0.067 | 0.058 | 0.663 | 0.387 | 0.790 | 0.875 | 0.586 | 0.768 | 0.759 | 0.789 | 0.559 |
| | LTE Band 66 / 4, Ant 8 | Front | 24.0 | 0.001 | 24.0 | 0.001 | 22.5 | 0.001 | 25.5 | 0.180 | 25.5 | 0.180 | 24.0 | 0.127 | 0.049 | 0.132 | 0.081 | 0.131 | 0.090 | 0.122 | 0.027 | 0.001 | 0.161 | 0.128 | 0.340 | 0.309 | 0.368 | 0.277 | 0.251 | 0.286 | 0.210 |

| WWAN Band | Exposure Position | NR Standalone Maximum Power (dBm) | NR Standalone 1g SAR (W/kg) | EN-DC Active NR Maximum Power (dBm) | EN-DC Active NR Maximum Power 1g SAR (W/kg) | 10 | | 0 | | EN-DC Active LTE Maximum Power (dBm) | EN-DC Active LTE Maximum Power 1g SAR (W/kg) | 11 | 1-9 | | | | | | | | | 10+11 Summed 1g SAR (W/kg) | 0+1 Summed 1g SAR (W/kg) | 0+1+6+7 Summed 1g SAR (W/kg) | 0+1+2+5+9 Summed 1g SAR (W/kg) | 0+1+3+4+8 Summed 1g SAR (W/kg) | 0+1+7+8 Summed 1g SAR (W/kg) | 0+1+7+9 Summed 1g SAR (W/kg) | 0+1+5+8 Summed 1g SAR (W/kg) | 0+1+4+9 Summed 1g SAR (W/kg) | | |
|-------------------------|-------------------|-----------------------------------|-----------------------------|-------------------------------------|---------------------------------------------|--------------|----------------------------|-------------------------------------|---------------------------------------------|--------------------------------------|----------------------------------------------|------|----------------------------|------------------------------|---------------|--------------------------------------|----------------------------------------------|-------|-------|-------|-------|----------------------------|--------------------------|------------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------|-------|
| | | | | | | NR Estimated | NR Estimated 1g SAR (W/kg) | EN-DC + WLAN NR Maximum Power (dBm) | EN-DC + WLAN NR Maximum Power 1g SAR (W/kg) | | | | LTE Standalone Power (dBm) | LTE Standalone 1g SAR (W/kg) | LTE Estimated | EN-DC + WLAN LTE Maximum Power (dBm) | EN-DC + WLAN LTE Maximum Power 1g SAR (W/kg) | 1 | 2 | 3 | 4 | | | | | | | | | | 5 | 6 |
| LTE Band 26 / 5, Ant 0 | Front | 24.5 | 0.113 | 24.5 | 0.113 | 24.5 | 0.113 | 24.5 | 0.113 | 25.0 | 0.345 | 25.0 | 0.345 | 21.5 | 0.154 | 0.049 | 0.132 | 0.081 | 0.131 | 0.090 | 0.122 | 0.027 | 0.001 | 0.458 | 0.267 | 0.479 | 0.448 | 0.507 | 0.416 | 0.390 | 0.425 | 0.349 |
| | Back | 24.5 | 0.161 | 24.5 | 0.161 | 24.5 | 0.161 | 25.0 | 0.415 | 25.0 | 0.415 | 21.5 | 0.185 | 0.095 | 0.018 | 0.114 | 0.335 | 0.089 | 0.314 | 0.067 | 0.058 | 0.576 | 0.346 | 0.749 | 0.834 | 0.545 | 0.727 | 0.718 | 0.748 | 0.518 | | |
| LTE Band 12 / 17, Ant 0 | Front | 24.5 | 0.113 | 24.5 | 0.113 | 24.5 | 0.113 | 25.5 | 0.130 | 25.5 | 0.130 | 25.5 | 0.130 | 0.049 | 0.132 | 0.081 | 0.131 | 0.090 | 0.122 | 0.027 | 0.001 | 0.240 | 0.243 | 0.455 | 0.424 | 0.483 | 0.392 | 0.366 | 0.401 | 0.325 | | |
| | Back | 24.5 | 0.161 | 24.5 | 0.161 | 24.5 | 0.161 | 25.5 | 0.179 | 25.5 | 0.179 | 25.5 | 0.179 | 0.095 | 0.018 | 0.114 | 0.335 | 0.089 | 0.314 | 0.067 | 0.058 | 0.340 | 0.340 | 0.743 | 0.828 | 0.539 | 0.721 | 0.712 | 0.742 | 0.512 | | |
| LTE Band 13, Ant 0 | Front | 24.5 | 0.113 | 24.5 | 0.113 | 24.5 | 0.113 | 25.5 | 0.227 | 25.5 | 0.227 | 24.0 | 0.161 | 0.049 | 0.132 | 0.081 | 0.131 | 0.090 | 0.122 | 0.027 | 0.001 | 0.340 | 0.274 | 0.496 | 0.455 | 0.514 | 0.423 | 0.397 | 0.432 | 0.356 | | |
| | Back | 24.5 | 0.161 | 24.5 | 0.161 | 24.5 | 0.161 | 25.5 | 0.292 | 25.5 | 0.292 | 24.0 | 0.207 | 0.095 | 0.018 | 0.114 | 0.335 | 0.089 | 0.314 | 0.067 | 0.058 | 0.453 | 0.368 | 0.771 | 0.856 | 0.567 | 0.749 | 0.740 | 0.770 | 0.540 | | |
| LTE Band 71, Ant 0 | Front | 24.5 | 0.113 | 24.5 | 0.113 | 24.5 | 0.113 | 25.5 | 0.118 | 25.5 | 0.118 | 25.5 | 0.118 | 0.049 | 0.132 | 0.081 | 0.131 | 0.090 | 0.122 | 0.027 | 0.001 | 0.231 | 0.231 | 0.443 | 0.412 | 0.471 | 0.380 | 0.354 | 0.389 | 0.313 | | |
| | Back | 24.5 | 0.161 | 24.5 | 0.161 | 24.5 | 0.161 | 25.5 | 0.166 | 25.5 | 0.166 | 25.5 | 0.166 | 0.095 | 0.018 | 0.114 | 0.335 | 0.089 | 0.314 | 0.067 | 0.058 | 0.327 | 0.327 | 0.730 | 0.815 | 0.526 | 0.708 | 0.699 | 0.729 | 0.499 | | |
| LTE Band 26 / 5, Ant 2 | Front | 24.5 | 0.113 | 24.5 | 0.113 | 24.5 | 0.113 | 25.5 | 0.167 | 25.5 | 0.167 | 25.5 | 0.167 | 0.049 | 0.132 | 0.081 | 0.131 | 0.090 | 0.122 | 0.027 | 0.001 | 0.280 | 0.280 | 0.492 | 0.461 | 0.520 | 0.429 | 0.403 | 0.438 | 0.362 | | |
| | Back | 24.5 | 0.161 | 24.5 | 0.161 | 24.5 | 0.161 | 25.5 | 0.162 | 25.5 | 0.162 | 25.5 | 0.162 | 0.095 | 0.018 | 0.114 | 0.335 | 0.089 | 0.314 | 0.067 | 0.058 | 0.323 | 0.323 | 0.726 | 0.811 | 0.522 | 0.704 | 0.695 | 0.725 | 0.495 | | |
| LTE Band 12 / 17, Ant 2 | Front | 24.5 | 0.113 | 24.5 | 0.113 | 24.5 | 0.113 | 25.5 | 0.066 | 25.5 | 0.066 | 25.5 | 0.066 | 0.049 | 0.132 | 0.081 | 0.131 | 0.090 | 0.122 | 0.027 | 0.001 | 0.179 | 0.179 | 0.391 | 0.360 | 0.419 | 0.328 | 0.302 | 0.337 | 0.261 | | |
| | Back | 24.5 | 0.161 | 24.5 | 0.161 | 24.5 | 0.161 | 25.5 | 0.065 | 25.5 | 0.065 | 25.5 | 0.065 | 0.095 | 0.018 | 0.114 | 0.335 | 0.089 | 0.314 | 0.067 | 0.058 | 0.226 | 0.226 | 0.629 | 0.714 | 0.425 | 0.607 | 0.598 | 0.628 | 0.398 | | |
| LTE Band 13, Ant 2 | Front | 24.5 | 0.113 | 24.5 | 0.113 | 24.5 | 0.113 | 25.5 | 0.255 | 25.5 | 0.255 | 25.5 | 0.255 | 0.049 | 0.132 | 0.081 | 0.131 | 0.090 | 0.122 | 0.027 | 0.001 | 0.368 | 0.368 | 0.580 | 0.549 | 0.608 | 0.517 | 0.491 | 0.526 | 0.450 | | |
| | Back | 24.5 | 0.161 | 24.5 | 0.161 | 24.5 | 0.161 | 25.5 | 0.216 | 25.5 | 0.216 | 25.5 | 0.216 | 0.095 | 0.018 | 0.114 | 0.335 | 0.089 | 0.314 | 0.067 | 0.058 | 0.377 | 0.377 | 0.780 | 0.865 | 0.576 | 0.758 | 0.749 | 0.779 | 0.549 | | |
| LTE Band 71, Ant 2 | Front | 24.5 | 0.113 | 24.5 | 0.113 | 24.5 | 0.113 | 25.5 | 0.115 | 25.5 | 0.115 | 25.5 | 0.115 | 0.049 | 0.132 | 0.081 | 0.131 | 0.090 | 0.122 | 0.027 | 0.001 | 0.228 | 0.228 | 0.440 | 0.409 | 0.468 | 0.377 | 0.351 | 0.386 | 0.310 | | |
| | Back | 24.5 | 0.161 | 24.5 | 0.161 | 24.5 | 0.161 | 25.5 | 0.098 | 25.5 | 0.098 | 25.5 | 0.098 | 0.095 | 0.018 | 0.114 | 0.335 | 0.089 | 0.314 | 0.067 | 0.058 | 0.259 | 0.259 | 0.662 | 0.747 | 0.458 | 0.640 | 0.631 | 0.661 | 0.431 | | |
| LTE Band 26 / 5, Ant 0 | Front | 24.5 | 0.155 | 24.5 | 0.155 | 24.5 | 0.155 | 25.0 | 0.345 | 21.5 | 0.154 | 21.5 | 0.154 | 0.049 | 0.132 | 0.081 | 0.131 | 0.090 | 0.122 | 0.027 | 0.001 | 0.309 | 0.309 | 0.521 | 0.490 | 0.549 | 0.458 | 0.432 | 0.467 | 0.391 | | |
| | Back | 24.5 | 0.127 | 24.5 | 0.127 | 24.5 | 0.127 | 25.0 | 0.415 | 21.5 | 0.185 | 21.5 | 0.185 | 0.095 | 0.018 | 0.114 | 0.335 | 0.089 | 0.314 | 0.067 | 0.058 | 0.312 | 0.312 | 0.715 | 0.800 | 0.511 | 0.693 | 0.684 | 0.714 | 0.484 | | |
| LTE Band 12 / 17, Ant 0 | Front | 24.5 | 0.155 | 24.5 | 0.155 | 24.5 | 0.155 | 25.5 | 0.130 | 25.5 | 0.130 | 25.5 | 0.130 | 0.049 | 0.132 | 0.081 | 0.131 | 0.090 | 0.122 | 0.027 | 0.001 | 0.285 | 0.285 | 0.497 | 0.466 | 0.525 | 0.434 | 0.408 | 0.443 | 0.367 | | |
| | Back | 24.5 | 0.127 | 24.5 | 0.127 | 24.5 | 0.127 | 25.5 | 0.179 | 25.5 | 0.179 | 25.5 | 0.179 | 0.095 | 0.018 | 0.114 | 0.335 | 0.089 | 0.314 | 0.067 | 0.058 | 0.306 | 0.306 | 0.709 | 0.794 | 0.505 | 0.687 | 0.678 | 0.708 | 0.478 | | |
| LTE Band 13, Ant 0 | Front | 24.5 | 0.155 | 24.5 | 0.155 | 24.5 | 0.155 | 25.5 | 0.227 | 24.0 | 0.161 | 24.0 | 0.161 | 0.049 | 0.132 | 0.081 | 0.131 | 0.090 | 0.122 | 0.027 | 0.001 | 0.316 | 0.316 | 0.528 | 0.497 | 0.556 | 0.465 | 0.439 | 0.474 | 0.398 | | |
| | Back | 24.5 | 0.127 | 24.5 | 0.127 | 24.5 | 0.127 | 25.5 | 0.292 | 24.0 | 0.207 | 24.0 | 0.207 | 0.095 | 0.018 | 0.114 | 0.335 | 0.089 | 0.314 | 0.067 | 0.058 | 0.334 | 0.334 | 0.737 | 0.822 | 0.533 | 0.715 | 0.706 | 0.736 | 0.506 | | |



FCC SAR TEST REPORT

Report No. : FA082114A

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|-------------------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| LTE Band 71_Ant 0 | Front | 24.5 | 0.155 | 24.5 | 0.155 | 24.5 | 0.155 | 25.5 | 0.118 | 25.5 | 0.118 | 25.5 | 0.118 | 0.049 | 0.132 | 0.081 | 0.131 | 0.090 | 0.122 | 0.027 | 0.001 | 0.273 | 0.273 | 0.485 | 0.454 | 0.513 | 0.422 | 0.396 | 0.431 | 0.355 |
| | Back | 24.5 | 0.127 | 24.5 | 0.127 | 24.5 | 0.127 | 25.5 | 0.166 | 25.5 | 0.166 | 25.5 | 0.166 | 0.095 | 0.018 | 0.114 | 0.335 | 0.089 | 0.314 | 0.067 | 0.058 | 0.293 | 0.293 | 0.696 | 0.781 | 0.492 | 0.674 | 0.665 | 0.695 | 0.465 |

| WWAN Band | Exposure Position | NR Standalone Maximum Power (dBm) | NR Standalone 1g SAR (W/kg) | 10 | | 0 | | LTE Standalone Maximum Power (dBm) | LTE Standalone 1g SAR (W/kg) | EN-DC + WLAN NR Maximum Power (dBm) | LTE Standalone Maximum Power (dBm) | LTE Standalone 1g SAR (W/kg) | EN-DC + WLAN LTE Maximum Power (dBm) | LTE Standalone Maximum Power (dBm) | LTE Standalone 1g SAR (W/kg) | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+11 Summed 1g SAR (W/kg) | 0+1 Summed 1g SAR (W/kg) | 0+1+6+7 Summed 1g SAR (W/kg) | 0+1+2+5+9 Summed 1g SAR (W/kg) | 0+1+3+4+8 Summed 1g SAR (W/kg) | 0+1+7+8 Summed 1g SAR (W/kg) | 0+1+7+9 Summed 1g SAR (W/kg) | 0+1+5+8 Summed 1g SAR (W/kg) | 0+1+4+9 Summed 1g SAR (W/kg) |
|-----------------------------|-------------------|-----------------------------------|-----------------------------|-------------------------------------|----------------------------|-------------------------------------|----------------------------|------------------------------------|------------------------------|-------------------------------------|------------------------------------|------------------------------|--------------------------------------|------------------------------------|------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------------------|--------------------------|------------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| | | | | EN-DC Active NR Maximum Power (dBm) | NR Estimated 1g SAR (W/kg) | EN-DC + WLAN NR Maximum Power (dBm) | NR Estimated 1g SAR (W/kg) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| n77/n78_Ant 9 Portrait mode | Front | 22.0 | 0.152 | 22.0 | 0.152 | 22.0 | 0.152 | 25.0 | 0.345 | 25.0 | 0.345 | 25.0 | 0.154 | 0.049 | 0.132 | 0.081 | 0.131 | 0.090 | 0.122 | 0.027 | 0.001 | 0.497 | 0.306 | 0.518 | 0.487 | 0.546 | 0.455 | 0.429 | 0.464 | 0.388 | | | |
| | Back | 22.0 | 0.167 | 22.0 | 0.167 | 22.0 | 0.167 | 25.0 | 0.415 | 25.0 | 0.415 | 25.0 | 0.185 | 0.095 | 0.018 | 0.114 | 0.335 | 0.089 | 0.314 | 0.067 | 0.058 | 0.582 | 0.352 | 0.755 | 0.840 | 0.551 | 0.733 | 0.724 | 0.754 | 0.524 | | | |



FCC SAR TEST REPORT

Report No. : FA082114A

Table with columns for LTE Band, Antenna, Position, and SAR values for n77/n78 Ant 9 and n77/n78 Ant 11.

Large table with columns for WWAN Band, Exposure Position, NR Standalone, EN-DC, LTE Standalone, and various SAR measurement types (1g, 10, 0, 11, 1-9, 10+11, 0+1, 0+1+6+7, 0+1+2+5+9, 0+1+3+4+8, 0+1+7+8, 0+1+7+9, 0+1+5+8, 0+1+4+9).



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Report No. : FA082114A

<EN-DC active with WLAN/BT Camera Mode>

Table with 28 columns (WLAN Band, Exposure Position, NR Standalone, EN-DC Active, etc.) and rows for n25 / 2_Ant 1, n25 / 2_Ant 8, n25_Ant 1, and n25_Ant 8.

Table with 28 columns (WLAN Band, Exposure Position, NR Standalone, EN-DC Active, etc.) and rows for n5_Ant 0 and n5_Ant 2.



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| n12_Ant 0 | Band | Ant | Exposure Position | 24.5 | 0.145 | 24.5 | 0.145 | 24.5 | 0.145 | 24.5 | 0.163 | 24.5 | 0.163 | 24.5 | 0.163 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.308 | 0.308 | 1.487 | 0.891 | 1.472 | 1.353 | 1.359 | 0.721 | 1.382 |
|-----------|-------------------|-------|-------------------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| n12_Ant 1 | Band 66 / 4_Ant 1 | Ant 8 | Back | 24.5 | 0.216 | 24.5 | 0.216 | 24.0 | 0.193 | 25.0 | 0.399 | 25.0 | 0.399 | 22.0 | 0.200 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.615 | 0.392 | 1.571 | 0.975 | 1.556 | 1.437 | 1.443 | 0.805 | 1.466 |
| | | | Front | 24.5 | 0.153 | 24.5 | 0.153 | 24.0 | 0.136 | 25.5 | 0.180 | 25.5 | 0.180 | 24.0 | 0.127 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.333 | 0.264 | 0.506 | 0.463 | 0.437 | 0.397 | 0.397 | 0.396 | 0.337 |
| n12_Ant 2 | Band 25 / 2_Ant 8 | Ant 8 | Back | 24.5 | 0.216 | 24.5 | 0.216 | 24.0 | 0.193 | 25.5 | 0.282 | 25.5 | 0.282 | 24.0 | 0.200 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.498 | 0.392 | 1.571 | 0.975 | 1.556 | 1.437 | 1.443 | 0.805 | 1.466 |
| | | | Front | 24.5 | 0.153 | 24.0 | 0.136 | 24.0 | 0.136 | 25.5 | 0.306 | 23.5 | 0.193 | 23.5 | 0.193 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.329 | 0.329 | 0.571 | 0.528 | 0.502 | 0.462 | 0.462 | 0.461 | 0.402 |
| n12_Ant 3 | Band 66 / 4_Ant 8 | Ant 8 | Back | 24.5 | 0.216 | 24.0 | 0.193 | 24.0 | 0.193 | 25.5 | 0.234 | 23.5 | 0.148 | 23.5 | 0.148 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.340 | 0.340 | 1.519 | 0.923 | 1.504 | 1.385 | 1.391 | 0.753 | 1.414 |
| | | | Front | 24.5 | 0.153 | 24.0 | 0.136 | 24.0 | 0.136 | 24.5 | 0.188 | 24.5 | 0.188 | 24.5 | 0.188 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.324 | 0.324 | 0.566 | 0.523 | 0.497 | 0.457 | 0.457 | 0.456 | 0.397 |
| n12_Ant 4 | Band 25 / 2_Ant 8 | Ant 8 | Back | 24.5 | 0.216 | 24.0 | 0.193 | 24.0 | 0.193 | 24.5 | 0.163 | 24.5 | 0.163 | 24.5 | 0.163 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.356 | 0.356 | 1.535 | 0.939 | 1.520 | 1.401 | 1.407 | 0.769 | 1.430 |
| | | | Front | 24.5 | 0.094 | 24.5 | 0.094 | 24.5 | 0.094 | 25.0 | 0.283 | 25.0 | 0.283 | 22.0 | 0.142 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.377 | 0.236 | 0.478 | 0.435 | 0.409 | 0.369 | 0.369 | 0.368 | 0.309 |
| n12_Ant 5 | Band 66 / 4_Ant 8 | Ant 8 | Back | 24.5 | 0.082 | 24.5 | 0.082 | 24.5 | 0.082 | 25.0 | 0.399 | 25.0 | 0.399 | 22.0 | 0.200 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.481 | 0.282 | 1.461 | 0.865 | 1.446 | 1.327 | 1.333 | 0.695 | 1.356 |
| | | | Front | 24.5 | 0.094 | 24.5 | 0.094 | 24.5 | 0.094 | 25.5 | 0.180 | 25.5 | 0.180 | 24.0 | 0.127 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.274 | 0.221 | 0.463 | 0.420 | 0.394 | 0.354 | 0.354 | 0.353 | 0.294 |
| n12_Ant 6 | Band 25 / 2_Ant 8 | Ant 8 | Back | 24.5 | 0.082 | 24.5 | 0.082 | 24.5 | 0.082 | 25.5 | 0.282 | 25.5 | 0.282 | 24.0 | 0.200 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.364 | 0.282 | 1.461 | 0.865 | 1.446 | 1.327 | 1.333 | 0.695 | 1.356 |
| | | | Front | 24.5 | 0.094 | 24.5 | 0.094 | 24.5 | 0.094 | 25.5 | 0.306 | 23.5 | 0.193 | 23.5 | 0.193 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.287 | 0.287 | 0.529 | 0.486 | 0.460 | 0.420 | 0.420 | 0.419 | 0.360 |
| n12_Ant 7 | Band 66 / 4_Ant 8 | Ant 8 | Back | 24.5 | 0.082 | 24.5 | 0.082 | 24.5 | 0.082 | 25.5 | 0.234 | 23.5 | 0.148 | 23.5 | 0.148 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.230 | 0.230 | 1.409 | 0.813 | 1.394 | 1.275 | 1.281 | 0.643 | 1.304 |
| | | | Front | 24.5 | 0.094 | 24.5 | 0.094 | 24.5 | 0.094 | 24.5 | 0.188 | 24.5 | 0.188 | 24.5 | 0.188 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.282 | 0.282 | 0.524 | 0.481 | 0.455 | 0.415 | 0.415 | 0.414 | 0.355 |
| n12_Ant 8 | Band 66 / 4_Ant 8 | Ant 8 | Back | 24.5 | 0.082 | 24.5 | 0.082 | 24.5 | 0.082 | 24.5 | 0.163 | 24.5 | 0.163 | 24.5 | 0.163 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.245 | 0.245 | 1.424 | 0.828 | 1.409 | 1.290 | 1.296 | 0.650 | 1.319 |
| | | | Front | 24.5 | 0.094 | 24.5 | 0.094 | 24.5 | 0.094 | 25.0 | 0.283 | 25.0 | 0.283 | 22.0 | 0.142 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.377 | 0.236 | 0.478 | 0.435 | 0.409 | 0.369 | 0.369 | 0.368 | 0.309 |

| WWAN Band | Exposure Position | NR Standalone Maximum Power (dBm) | NR Standalone 1g SAR (W/kg) | EN-DC Active NR Maximum Power (dBm) | NR Estimated 1g SAR (W/kg) | EN-DC + WLAN NR Maximum Power (dBm) | NR Estimated 1g SAR (W/kg) | LTE Standalone Maximum Power (dBm) | LTE Standalone 1g SAR (W/kg) | EN-DC Active LTE Maximum Power (dBm) | LTE Estimated 1g SAR (W/kg) | EN-DC + WLAN LTE Maximum Power (dBm) | LTE Estimated 1g SAR (W/kg) | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+11 Summed 1g SAR (W/kg) | 0+1 Summed 1g SAR (W/kg) | 0+1+6+7 Summed 1g SAR (W/kg) | 0+1+2+5+9 Summed 1g SAR (W/kg) | 0+1+3+4+8 Summed 1g SAR (W/kg) | 0+1+7+8 Summed 1g SAR (W/kg) | 0+1+7+9 Summed 1g SAR (W/kg) | 0+1+5+8 Summed 1g SAR (W/kg) | 0+1+4+9 Summed 1g SAR (W/kg) | |
|-----------|--------------------|-----------------------------------|-----------------------------|-------------------------------------|----------------------------|-------------------------------------|----------------------------|------------------------------------|------------------------------|--------------------------------------|-----------------------------|--------------------------------------|-----------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|----------------------------|--------------------------|------------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------|
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | LTE Band 26 / 5_Ant 0 |
| n7_Ant 1 | Band 12 / 17_Ant 0 | Ant 8 | Back | 24.5 | 0.384 | 24.5 | 0.384 | 21.5 | 0.192 | 25.0 | 0.415 | 25.0 | 0.415 | 21.5 | 0.185 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.799 | 0.378 | 1.557 | 0.961 | 1.542 | 1.423 | 1.429 | 0.791 | 1.452 |
| | | | Front | 24.5 | 0.254 | 24.5 | 0.254 | 21.5 | 0.127 | 25.5 | 0.130 | 25.5 | 0.130 | 25.5 | 0.130 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.384 | 0.257 | 0.499 | 0.456 | 0.430 | 0.390 | 0.390 | 0.389 | 0.330 |
| n7_Ant 2 | Band 66 / 4_Ant 2 | ENDC | Back | 24.5 | 0.384 | 24.5 | 0.384 | 21.5 | 0.192 | 24.5 | 0.191 | 24.5 | 0.191 | 24.5 | 0.191 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.575 | 0.383 | 1.562 | 0.966 | 1.547 | 1.428 | 1.434 | 0.796 | 1.457 |
| | | | Front | 24.5 | 0.254 | 24.5 | 0.254 | 21.5 | 0.127 | 25.5 | 0.167 | 25.5 | 0.167 | 25.5 | 0.167 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.421 | 0.294 | 0.536 | 0.493 | 0.467 | 0.427 | 0.427 | 0.426 | 0.367 |
| n7_Ant 3 | Band 26 / 5_Ant 2 | ENDC | Back | 24.5 | 0.384 | 24.5 | 0.384 | 21.5 | 0.192 | 25.5 | 0.162 | 25.5 | 0.162 | 25.5 | 0.162 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.546 | 0.354 | 1.533 | 0.937 | 1.518 | 1.329 | 1.405 | 0.767 | 1.428 |
| | | | Front | 24.5 | 0.254 | 24.5 | 0.254 | 21.5 | 0.127 | 25.5 | 0.066 | 25.5 | 0.066 | 25.5 | 0.066 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.320 | 0.193 | 0.435 | 0.392 | 0.366 | 0.326 | 0.326 | 0.325 | 0.266 |
| n7_Ant 4 | Band 12 / 17_Ant 2 | ENDC | Back | 24.5 | 0.384 | 24.5 | 0.384 | 21.5 | 0.192 | 25.5 | 0.065 | 25.5 | 0.065 | 25.5 | 0.065 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.449 | 0.257 | 1.436 | 0.840 | 1.421 | 1.302 | 1.308 | 0.670 | 1.331 |
| | | | Front | 24.5 | 0.212 | 24.0 | 0.189 | 24.0 | 0.189 | 25.0 | 0.345 | 21.5 | 0.154 | 21.5 | 0.154 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.343 | 0.343 | 0.585 | 0.542 | 0.516 | 0.476 | 0.476 | 0.475 | 0.416 |
| n7_Ant 5 | Band 26 / 5_Ant 0 | ENDC | Back | 24.5 | 0.242 | 24.0 | 0.216 | 24.0 | 0.216 | 25.0 | 0.415 | 21.5 | 0.185 | 21.5 | 0.185 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.401 | 0.401 | 1.580 | 0.984 | 1.565 | 1.446 | 1.452 | 0.814 | 1.475 |
| | | | Front | 24.5 | 0.212 | 24.0 | 0.189 | 24.0 | 0.189 | 25.5 | 0.130 | 25.5 | 0.130 | 25.5 | 0.130 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.319 | 0.319 | 0.561 | 0.518 | 0.492 | 0.452 | 0.451 | 0.392 | |
| n7_Ant 6 | Band 12 / 17_Ant 0 | ENDC | Back | 24.5 | 0.242 | 24.0 | 0.216 | 24.0 | 0.216 | 25.5 | 0.179 | 25.5 | 0.179 | 25.5 | 0.179 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.395 | 0.395 | 1.574 | 0.978 | 1.559 | 1.440 | 1.446 | 0.808 | 1.469 |
| | | | Front | 24.5 | 0.212 | 24.0 | 0.189 | 24.0 | 0.189 | 24.5 | 0.087 | 24.5 | 0.087 | 24.5 | 0.087 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.276 | 0.276 | 0.516 | 0.475 | 0.449 | 0.409 | 0.409 | 0.408 | 0.349 |
| n7_Ant 7 | Band 66 / 4_Ant 2 | ENDC | Back | 24.5 | 0.242 | 24.0 | 0.216 | 24.0 | 0.216 | 24.5 | 0.154 | 24.5 | 0.154 | 24.5 | 0.154 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.370 | 0.370 | 1.549 | 0.953 | 1.534 | 1.415 | 1.421 | 0.783 | 1.444 |
| | | | Front | 24.5 | 0.212 | 24.0 | 0.189 | 24.0 | 0.189 | 25.5 | 0.167 | 25.5 | 0.167 | 25.5 | 0.167 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.356 | 0.356 | 0.598 | 0.55 | | | | | |



FCC SAR TEST REPORT

Report No. : FA082114A

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| LTE Band 12/17_Ant 0 | Front | 24.5 | 0.001 | 24.5 | 0.001 | 23.0 | 0.001 | 25.5 | 0.130 | 25.5 | 0.130 | 25.5 | 0.130 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.131 | 0.131 | 0.373 | 0.330 | 0.304 | 0.264 | 0.264 | 0.263 | 0.204 |
| | Back | 24.5 | 0.278 | 24.5 | 0.278 | 23.0 | 0.197 | 25.5 | 0.179 | 25.5 | 0.179 | 25.5 | 0.179 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.457 | 0.376 | 1.555 | 0.959 | 1.540 | 1.421 | 1.427 | 0.789 | 1.450 |
| LTE Band 25/5_Ant 2 | Front | 24.5 | 0.001 | 24.5 | 0.001 | 23.0 | 0.001 | 25.5 | 0.118 | 25.5 | 0.118 | 25.5 | 0.118 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.119 | 0.119 | 0.361 | 0.318 | 0.292 | 0.252 | 0.252 | 0.251 | 0.192 |
| | Back | 24.5 | 0.278 | 24.5 | 0.278 | 23.0 | 0.197 | 25.5 | 0.166 | 25.5 | 0.166 | 25.5 | 0.166 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.444 | 0.363 | 1.542 | 0.946 | 1.527 | 1.408 | 1.414 | 0.776 | 1.437 |
| LTE Band 12/17_Ant 2 | Front | 24.5 | 0.001 | 24.5 | 0.001 | 23.0 | 0.001 | 25.5 | 0.167 | 25.5 | 0.167 | 25.5 | 0.167 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.168 | 0.168 | 0.410 | 0.367 | 0.341 | 0.301 | 0.301 | 0.300 | 0.241 |
| | Back | 24.5 | 0.278 | 24.5 | 0.278 | 23.0 | 0.197 | 25.5 | 0.162 | 25.5 | 0.162 | 25.5 | 0.162 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.440 | 0.359 | 1.538 | 0.942 | 1.523 | 1.404 | 1.410 | 0.772 | 1.433 |
| LTE Band 71_Ant 0 | Front | 24.5 | 0.001 | 24.5 | 0.001 | 23.0 | 0.001 | 25.5 | 0.066 | 25.5 | 0.066 | 25.5 | 0.066 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.067 | 0.067 | 0.309 | 0.266 | 0.240 | 0.200 | 0.200 | 0.199 | 0.140 |
| | Back | 24.5 | 0.278 | 24.5 | 0.278 | 23.0 | 0.197 | 25.5 | 0.065 | 25.5 | 0.065 | 25.5 | 0.065 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.343 | 0.262 | 1.441 | 0.845 | 1.426 | 1.307 | 1.313 | 0.675 | 1.336 |
| LTE Band 26/5_Ant 2 | Front | 24.5 | 0.001 | 24.5 | 0.001 | 23.0 | 0.001 | 25.5 | 0.115 | 25.5 | 0.115 | 25.5 | 0.115 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.116 | 0.116 | 0.358 | 0.315 | 0.289 | 0.249 | 0.249 | 0.248 | 0.189 |
| | Back | 24.5 | 0.278 | 24.5 | 0.278 | 23.0 | 0.197 | 25.5 | 0.098 | 25.5 | 0.098 | 25.5 | 0.098 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.376 | 0.295 | 1.474 | 0.878 | 1.459 | 1.340 | 1.346 | 0.708 | 1.369 |
| LTE Band 26/5_Ant 0 | Front | 24.5 | 0.274 | 23.0 | 0.194 | 23.0 | 0.194 | 25.0 | 0.345 | 21.5 | 0.154 | 21.5 | 0.154 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.348 | 0.348 | 0.590 | 0.547 | 0.521 | 0.481 | 0.481 | 0.480 | 0.421 |
| | Back | 24.5 | 0.198 | 23.0 | 0.140 | 23.0 | 0.140 | 25.0 | 0.415 | 21.5 | 0.185 | 21.5 | 0.185 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.326 | 0.326 | 1.505 | 0.909 | 1.490 | 1.371 | 1.377 | 0.739 | 1.400 |
| LTE Band 12/17_Ant 0 | Front | 24.5 | 0.274 | 23.0 | 0.194 | 23.0 | 0.194 | 25.5 | 0.130 | 25.5 | 0.130 | 25.5 | 0.130 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.329 | 0.324 | 0.566 | 0.523 | 0.497 | 0.457 | 0.457 | 0.456 | 0.397 |
| | Back | 24.5 | 0.198 | 23.0 | 0.140 | 23.0 | 0.140 | 25.5 | 0.179 | 25.5 | 0.179 | 25.5 | 0.179 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.319 | 0.319 | 1.498 | 0.902 | 1.483 | 1.364 | 1.370 | 0.732 | 1.393 |
| LTE Band 71_Ant 0 | Front | 24.5 | 0.274 | 23.0 | 0.194 | 23.0 | 0.194 | 25.5 | 0.118 | 25.5 | 0.118 | 25.5 | 0.118 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.312 | 0.312 | 0.554 | 0.511 | 0.485 | 0.445 | 0.445 | 0.444 | 0.385 |
| | Back | 24.5 | 0.198 | 23.0 | 0.140 | 23.0 | 0.140 | 25.5 | 0.166 | 25.5 | 0.166 | 25.5 | 0.166 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.306 | 0.306 | 1.485 | 0.889 | 1.470 | 1.351 | 1.357 | 0.719 | 1.380 |
| LTE Band 26/5_Ant 2 | Front | 24.5 | 0.274 | 23.0 | 0.194 | 23.0 | 0.194 | 25.5 | 0.167 | 25.5 | 0.167 | 25.5 | 0.167 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.361 | 0.361 | 0.603 | 0.560 | 0.534 | 0.494 | 0.494 | 0.493 | 0.434 |
| | Back | 24.5 | 0.198 | 23.0 | 0.140 | 23.0 | 0.140 | 25.5 | 0.162 | 25.5 | 0.162 | 25.5 | 0.162 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.302 | 0.302 | 1.481 | 0.885 | 1.466 | 1.347 | 1.353 | 0.715 | 1.376 |
| LTE Band 12/17_Ant 2 | Front | 24.5 | 0.274 | 23.0 | 0.194 | 23.0 | 0.194 | 25.5 | 0.066 | 25.5 | 0.066 | 25.5 | 0.066 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.260 | 0.260 | 0.502 | 0.459 | 0.433 | 0.393 | 0.393 | 0.392 | 0.333 |
| | Back | 24.5 | 0.198 | 23.0 | 0.140 | 23.0 | 0.140 | 25.5 | 0.065 | 25.5 | 0.065 | 25.5 | 0.065 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.205 | 0.205 | 1.384 | 0.788 | 1.369 | 1.250 | 1.256 | 0.618 | 1.279 |
| LTE Band 71_Ant 2 | Front | 24.5 | 0.274 | 23.0 | 0.194 | 23.0 | 0.194 | 25.5 | 0.115 | 25.5 | 0.115 | 25.5 | 0.115 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.309 | 0.309 | 0.551 | 0.508 | 0.482 | 0.442 | 0.442 | 0.441 | 0.382 |
| | Back | 24.5 | 0.198 | 23.0 | 0.140 | 23.0 | 0.140 | 25.5 | 0.098 | 25.5 | 0.098 | 25.5 | 0.098 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.238 | 0.238 | 1.417 | 0.821 | 1.402 | 1.283 | 1.289 | 0.651 | 1.312 |
| LTE Band 26/5_Ant 0 | Front | 24.5 | 0.001 | 23.0 | 0.001 | 23.0 | 0.001 | 25.0 | 0.345 | 21.5 | 0.154 | 21.5 | 0.154 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.155 | 0.155 | 0.397 | 0.354 | 0.328 | 0.288 | 0.288 | 0.287 | 0.228 |
| | Back | 24.5 | 0.278 | 23.0 | 0.197 | 23.0 | 0.197 | 25.0 | 0.415 | 21.5 | 0.185 | 21.5 | 0.185 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.382 | 0.382 | 1.561 | 0.965 | 1.546 | 1.427 | 1.433 | 0.795 | 1.456 |
| LTE Band 12/17_Ant 0 | Front | 24.5 | 0.001 | 23.0 | 0.001 | 23.0 | 0.001 | 25.5 | 0.130 | 25.5 | 0.130 | 25.5 | 0.130 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.131 | 0.131 | 0.373 | 0.330 | 0.304 | 0.264 | 0.264 | 0.263 | 0.204 |
| | Back | 24.5 | 0.278 | 23.0 | 0.197 | 23.0 | 0.197 | 25.5 | 0.179 | 25.5 | 0.179 | 25.5 | 0.179 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.376 | 0.376 | 1.555 | 0.959 | 1.540 | 1.421 | 1.427 | 0.789 | 1.450 |
| LTE Band 71_Ant 0 | Front | 24.5 | 0.001 | 23.0 | 0.001 | 23.0 | 0.001 | 25.5 | 0.118 | 25.5 | 0.118 | 25.5 | 0.118 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.119 | 0.119 | 0.361 | 0.318 | 0.292 | 0.252 | 0.252 | 0.251 | 0.192 |
| | Back | 24.5 | 0.278 | 23.0 | 0.197 | 23.0 | 0.197 | 25.5 | 0.166 | 25.5 | 0.166 | 25.5 | 0.166 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.363 | 0.363 | 1.541 | 0.946 | 1.527 | 1.408 | 1.414 | 0.776 | 1.437 |
| LTE Band 26/5_Ant 2 | Front | 24.5 | 0.001 | 23.0 | 0.001 | 23.0 | 0.001 | 25.5 | 0.167 | 25.5 | 0.167 | 25.5 | 0.167 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.168 | 0.168 | 0.410 | 0.367 | 0.341 | 0.301 | 0.301 | 0.300 | 0.241 |
| | Back | 24.5 | 0.278 | 23.0 | 0.197 | 23.0 | 0.197 | 25.5 | 0.162 | 25.5 | 0.162 | 25.5 | 0.162 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.359 | 0.359 | 1.538 | 0.942 | 1.523 | 1.404 | 1.410 | 0.772 | 1.433 |
| LTE Band 12/17_Ant 2 | Front | 24.5 | 0.001 | 23.0 | 0.001 | 23.0 | 0.001 | 25.5 | 0.066 | 25.5 | 0.066 | 25.5 | 0.066 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.067 | 0.067 | 0.309 | 0.266 | 0.240 | 0.200 | 0.200 | 0.199 | 0.140 |
| | Back | 24.5 | 0.278 | 23.0 | 0.197 | 23.0 | 0.197 | 25.5 | 0.065 | 25.5 | 0.065 | 25.5 | 0.065 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.262 | 0.262 | 1.441 | 0.845 | 1.426 | 1.307 | 1.313 | 0.675 | 1.336 |
| LTE Band 71_Ant 2 | Front | 24.5 | 0.001 | 23.0 | 0.001 | 23.0 | 0.001 | 25.5 | 0.115 | 25.5 | 0.115 | 25.5 | 0.115 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.116 | 0.116 | 0.358 | 0.315 | 0.289 | 0.249 | 0.249 | 0.248 | 0.189 |
| | Back | 24.5 | 0.278 | 23.0 | 0.197 | 23.0 | 0.197 | 25.5 | 0.098 | 25.5 | 0.098 | 25.5 | 0.098 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.295 | 0.295 | 1.474 | 0.878 | 1.459 | 1.340 | 1.346 | 0.708 | 1.369 |
| LTE Band 26/5_Ant 1 | Front | 24.5 | 0.274 | 24.5 | 0.274 | 23.0 | 0.194 | 25.0 | 0.283 | 25.0 | 0.283 | 22.0 | 0.142 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.557 | 0.336 | 0.578 | 0.535 | 0.509 | 0.469 | 0.469 | 0.468 | 0.409 |
| | Back | 24.5 | 0.198 | 24.5 | 0.198 | 23.0 | 0.140 | 25.0 | 0.399 | 25.0 | 0.399 | 22.0 | 0.200 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.597 | 0.340 | 1.519 | 0.923 | 1.504 | 1.385 | 1.391 | 0.753 | 1.414 |
| LTE Band 66/4_Ant 1 | Front | 24.5 | 0.274 | 24.5 | 0.274 | 23.0 | 0.194 | 25. | | | | | | | | | | | | | | | | | | | | | | |



FCC SAR TEST REPORT

Report No. : FA082114A

| WWAN Band | Exposure Position | NR Standalone Maximum Power (dBm) | NR Standalone 1g SAR (W/kg) | 10 | | 0 | | LTE Standalone Maximum Power (dBm) | LTE Standalone 1g SAR (W/kg) | EN-DC Active LTE Maximum Power (dBm) | 11 | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+11 Summed 1g SAR (W/kg) | 0+1 Summed 1g SAR (W/kg) | 0+1+5+7 Summed 1g SAR (W/kg) | 0+1+2+5+9 Summed 1g SAR (W/kg) | 0+1+3+4+8 Summed 1g SAR (W/kg) | 0+1+7+8 Summed 1g SAR (W/kg) | 0+1+7+9 Summed 1g SAR (W/kg) | 0+1+5+8 Summed 1g SAR (W/kg) | 0+1+4+9 Summed 1g SAR (W/kg) | | | |
|------------|-------------------------|-----------------------------------|-----------------------------|--------------|------------------------------------|--------------|------------------------------------|------------------------------------|------------------------------|--------------------------------------|---------------|-------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------------------|--------------------------|------------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|---------------|-------------------------------------|---------------|
| | | | | NR Estimated | EN-DC+ WLAN NR Maximum Power (dBm) | NR Estimated | EN-DC+ WLAN NR Maximum Power (dBm) | | | | LTE Estimated | EN-DC+ WLAN LTE Maximum Power (dBm) | | | | | | | | | | | | | | | | | | | LTE Estimated | EN-DC+ WLAN LTE Maximum Power (dBm) | LTE Estimated |
| n41_Ant 9 | LTE Band 25 / 2_Ant 1 | Front | 24.0 | 0.250 | 24.0 | 0.250 | 23.0 | 0.199 | 25.0 | 0.283 | 25.0 | 0.283 | 22.0 | 0.142 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.533 | 0.340 | 0.582 | 0.539 | 0.945 | 1.526 | 1.473 | 0.473 | 0.473 | 0.472 | 0.413 |
| | LTE Band 25 / 2_Ant 1 | Back | 24.0 | 0.204 | 24.0 | 0.204 | 23.0 | 0.162 | 25.0 | 0.399 | 25.0 | 0.399 | 22.0 | 0.200 | 0.164 | 0.096 | 0.106 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.603 | 0.362 | 1.541 | 0.945 | 1.526 | 1.473 | 1.413 | 0.775 | 1.436 | | |
| | LTE Band 66 / 4_Ant 8 | Front | 24.0 | 0.250 | 24.0 | 0.250 | 23.0 | 0.199 | 25.0 | 0.283 | 25.0 | 0.283 | 22.0 | 0.142 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.603 | 0.326 | 1.541 | 0.525 | 0.949 | 1.459 | 1.413 | 0.458 | 0.399 | | |
| | LTE Band 66 / 4_Ant 8 | Back | 24.0 | 0.204 | 24.0 | 0.204 | 23.0 | 0.162 | 25.5 | 0.282 | 25.5 | 0.282 | 24.0 | 0.200 | 0.164 | 0.096 | 0.106 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.486 | 0.362 | 1.541 | 0.945 | 1.526 | 1.407 | 1.413 | 0.775 | 1.436 | | |
| | LTE Band 25 / 2_Ant 8 | Front | 24.0 | 0.250 | 23.0 | 0.199 | 23.0 | 0.199 | 25.5 | 0.306 | 23.5 | 0.193 | 23.5 | 0.193 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.392 | 0.392 | 0.634 | 0.591 | 0.565 | 0.525 | 0.525 | 0.524 | 0.465 | | |
| | LTE Band 25 / 2_Ant 8 | Back | 24.0 | 0.204 | 23.0 | 0.162 | 23.0 | 0.162 | 25.5 | 0.234 | 23.5 | 0.148 | 23.5 | 0.148 | 0.164 | 0.096 | 0.106 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.310 | 0.310 | 1.489 | 0.893 | 1.474 | 1.355 | 1.361 | 0.723 | 1.384 | | |
| n41_Ant 11 | LTE Band 25 / 2_Ant 1 | Front | 24.0 | 0.001 | 24.0 | 0.001 | 22.5 | 0.001 | 25.0 | 0.283 | 25.0 | 0.283 | 22.0 | 0.142 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.264 | 0.143 | 0.385 | 0.342 | 0.316 | 0.276 | 0.276 | 0.275 | 0.216 | | |
| | LTE Band 25 / 2_Ant 1 | Back | 24.0 | 0.264 | 24.0 | 0.264 | 22.5 | 0.187 | 25.0 | 0.399 | 25.0 | 0.399 | 22.0 | 0.200 | 0.164 | 0.096 | 0.106 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.683 | 0.387 | 1.566 | 0.970 | 1.551 | 1.472 | 1.438 | 0.800 | 1.461 | | |
| | LTE Band 66 / 4_Ant 8 | Front | 24.0 | 0.001 | 24.0 | 0.001 | 22.5 | 0.001 | 25.5 | 0.180 | 24.0 | 0.127 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.181 | 0.128 | 0.370 | 0.327 | 0.301 | 0.261 | 0.261 | 0.260 | 0.201 | | | | |
| | LTE Band 66 / 4_Ant 8 | Back | 24.0 | 0.264 | 24.0 | 0.264 | 22.5 | 0.187 | 25.5 | 0.282 | 25.5 | 0.282 | 24.0 | 0.200 | 0.164 | 0.096 | 0.106 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.546 | 0.387 | 1.566 | 0.970 | 1.551 | 1.432 | 1.438 | 0.800 | 1.461 | | |
| | LTE Band 25 / 2_Ant 8 | Front | 24.0 | 0.001 | 22.5 | 0.001 | 22.5 | 0.001 | 25.5 | 0.306 | 23.5 | 0.193 | 23.5 | 0.193 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.194 | 0.194 | 0.436 | 0.393 | 0.367 | 0.327 | 0.327 | 0.326 | 0.267 | | |
| | LTE Band 25 / 2_Ant 8 | Back | 24.0 | 0.264 | 22.5 | 0.187 | 22.5 | 0.187 | 25.5 | 0.234 | 23.5 | 0.148 | 23.5 | 0.148 | 0.164 | 0.096 | 0.106 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.335 | 0.335 | 1.514 | 0.918 | 1.499 | 1.380 | 1.386 | 0.748 | 1.409 | | |
| n71_Ant 0 | LTE Band 66 / 4_Ant 8 | Front | 24.0 | 0.001 | 22.5 | 0.001 | 22.5 | 0.001 | 24.5 | 0.188 | 24.5 | 0.188 | 24.5 | 0.188 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.189 | 0.189 | 0.431 | 0.388 | 0.362 | 0.322 | 0.321 | 0.262 | | | |
| | LTE Band 66 / 4_Ant 8 | Back | 24.0 | 0.264 | 22.5 | 0.187 | 22.5 | 0.187 | 24.5 | 0.163 | 24.5 | 0.163 | 24.5 | 0.163 | 0.164 | 0.096 | 0.106 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.350 | 0.350 | 1.529 | 0.933 | 1.514 | 1.395 | 1.401 | 0.763 | 1.424 | | |
| | LTE Band 25 / 2_Ant 1 | Front | 24.5 | 0.172 | 24.5 | 0.172 | 23.5 | 0.137 | 25.0 | 0.283 | 25.0 | 0.283 | 22.0 | 0.142 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.455 | 0.278 | 0.520 | 0.477 | 0.451 | 0.411 | 0.411 | 0.410 | 0.351 | | |
| | LTE Band 25 / 2_Ant 1 | Back | 24.5 | 0.239 | 24.5 | 0.239 | 23.5 | 0.190 | 25.0 | 0.399 | 25.0 | 0.399 | 22.0 | 0.200 | 0.164 | 0.096 | 0.106 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.638 | 0.390 | 1.569 | 0.973 | 1.554 | 1.435 | 1.441 | 0.803 | 1.464 | | |
| | LTE Band 7_Ant 1 | Front | 24.5 | 0.172 | 24.5 | 0.172 | 23.5 | 0.137 | 23.5 | 0.192 | 23.5 | 0.192 | 22.5 | 0.153 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.364 | 0.289 | 0.531 | 0.488 | 0.462 | 0.422 | 0.421 | 0.362 | | | |
| | LTE Band 7_Ant 1 | Back | 24.5 | 0.239 | 24.5 | 0.239 | 23.5 | 0.190 | 23.5 | 0.254 | 23.5 | 0.254 | 22.5 | 0.202 | 0.164 | 0.096 | 0.106 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.493 | 0.392 | 1.571 | 0.975 | 1.556 | 1.437 | 1.443 | 0.805 | 1.466 | | |
| n71_Ant 2 | LTE Band 66 / 4_Ant 8 | Front | 24.5 | 0.172 | 24.5 | 0.172 | 23.5 | 0.137 | 25.5 | 0.180 | 25.5 | 0.180 | 24.0 | 0.127 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.352 | 0.264 | 0.506 | 0.463 | 0.437 | 0.397 | 0.397 | 0.396 | 0.337 | | |
| | LTE Band 66 / 4_Ant 8 | Back | 24.5 | 0.239 | 24.5 | 0.239 | 23.5 | 0.190 | 25.5 | 0.282 | 25.5 | 0.282 | 24.0 | 0.200 | 0.164 | 0.096 | 0.106 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.521 | 0.389 | 1.568 | 0.972 | 1.553 | 1.434 | 1.440 | 0.802 | 1.463 | | |
| | LTE Band 25 / 2_Ant 8 | Front | 24.5 | 0.172 | 23.5 | 0.137 | 23.5 | 0.137 | 25.5 | 0.306 | 23.5 | 0.193 | 23.5 | 0.193 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.330 | 0.330 | 0.572 | 0.529 | 0.503 | 0.463 | 0.463 | 0.462 | 0.403 | | |
| | LTE Band 25 / 2_Ant 8 | Back | 24.5 | 0.239 | 23.5 | 0.190 | 23.5 | 0.190 | 25.5 | 0.234 | 23.5 | 0.148 | 23.5 | 0.148 | 0.164 | 0.096 | 0.106 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.337 | 0.337 | 1.516 | 0.920 | 1.501 | 1.382 | 1.388 | 0.760 | 1.411 | | |
| | LTE Band 7_Ant 8 | Front | 24.5 | 0.172 | 23.5 | 0.137 | 23.5 | 0.137 | 25.5 | 0.306 | 23.5 | 0.193 | 23.5 | 0.193 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.330 | 0.330 | 0.572 | 0.529 | 0.503 | 0.463 | 0.463 | 0.462 | 0.403 | | |
| | LTE Band 7_Ant 8 | Back | 24.5 | 0.239 | 23.5 | 0.190 | 23.5 | 0.190 | 25.5 | 0.327 | 23.5 | 0.206 | 23.5 | 0.206 | 0.164 | 0.096 | 0.106 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.396 | 0.396 | 1.575 | 0.979 | 1.560 | 1.441 | 1.447 | 0.809 | 1.470 | | |
| n6E_Ant 1 | LTE Band 66 / 4_Ant 8 | Front | 24.5 | 0.172 | 23.5 | 0.137 | 23.5 | 0.137 | 24.5 | 0.188 | 24.5 | 0.188 | 24.5 | 0.188 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.325 | 0.325 | 0.567 | 0.524 | 0.498 | 0.458 | 0.458 | 0.457 | 0.398 | | |
| | LTE Band 66 / 4_Ant 8 | Back | 24.5 | 0.239 | 23.5 | 0.190 | 23.5 | 0.190 | 24.5 | 0.163 | 24.5 | 0.163 | 24.5 | 0.163 | 0.164 | 0.096 | 0.106 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.353 | 0.353 | 1.532 | 0.936 | 1.517 | 1.398 | 1.404 | 0.766 | 1.427 | | |
| | LTE Band 25 / 2_Ant 1 | Front | 24.5 | 0.031 | 24.5 | 0.031 | 24.5 | 0.031 | 25.0 | 0.283 | 25.0 | 0.283 | 22.0 | 0.142 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.314 | 0.173 | 0.415 | 0.372 | 0.346 | 0.306 | 0.306 | 0.305 | 0.246 | | |
| | LTE Band 25 / 2_Ant 1 | Back | 24.5 | 0.013 | 24.5 | 0.013 | 24.5 | 0.013 | 25.0 | 0.399 | 25.0 | 0.399 | 22.0 | 0.200 | 0.164 | 0.096 | 0.106 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.412 | 0.213 | 0.392 | 0.796 | 1.377 | 1.258 | 1.264 | 0.626 | 1.287 | | |
| | LTE Band 7_Ant 1 | Front | 24.5 | 0.031 | 24.5 | 0.031 | 24.5 | 0.031 | 23.5 | 0.192 | 23.5 | 0.192 | 22.5 | 0.153 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.223 | 0.184 | 0.426 | 0.383 | 0.357 | 0.317 | 0.317 | 0.316 | 0.257 | | |
| | LTE Band 7_Ant 1 | Back | 24.5 | 0.013 | 24.5 | 0.013 | 24.5 | 0.013 | 23.5 | 0.254 | 23.5 | 0.254 | 22.5 | 0.202 | 0.164 | 0.096 | 0.106 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.267 | 0.215 | 0.394 | 0.798 | 1.379 | 1.260 | 1.266 | 0.628 | 1.289 | | |
| n6E_Ant 2 | LTE Band 66 / 4_Ant 8 | Front | 24.5 | 0.031 | 24.5 | 0.031 | 24.5 | 0.031 | 25.5 | 0.180 | 25.5 | 0.180 | 24.0 | 0.127 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.211 | 0.158 | 0.400 | 0.357 | 0.331 | 0.291 | 0.291 | 0.290 | 0.231 | | |
| | LTE Band 66 / 4_Ant 8 | Back | 24.5 | 0.013 | 24.5 | 0.013 | 24.5 | 0.013 | 25.5 | 0.282 | 25.5 | 0.282 | 24.0 | 0.200 | 0.164 | 0.096 | 0.106 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.295 | 0.213 | 0.392 | 0.796 | 1.377 | 1.258 | 1.264 | 0.626 | 1.287 | | |
| | LTE Band 25 / 2_Ant 8 | Front | 24.5 | 0.031 | 24.5 | 0.031 | 24.5 | 0.031 | 25.5 | 0.306 | 23.5 | 0.193 | 23.5 | 0.193 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.224 | 0.224 | 0.466 | 0.423 | 0.397 | 0.357 | 0.357 | 0.356 | 0.297 | | |
| | LTE Band 25 / 2_Ant 8</ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



FCC SAR TEST REPORT

Report No. : FA082114A

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|-----------|----------------------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| n66_Ant 8 | LTE Band 13_Ant 2 | Front | 24.5 | 0.113 | 24.5 | 0.113 | 24.5 | 0.113 | 25.5 | 0.255 | 25.5 | 0.255 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.368 | 0.368 | 0.610 | 0.567 | 0.541 | 0.501 | 0.501 | 0.500 | 0.441 |
| | | Back | 24.5 | 0.161 | 24.5 | 0.161 | 24.5 | 0.161 | 25.5 | 0.216 | 25.5 | 0.216 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.377 | 0.377 | 1.556 | 0.960 | 1.541 | 1.422 | 1.428 | 0.790 | 1.451 |
| | LTE Band 71_Ant 2 | Front | 24.5 | 0.113 | 24.5 | 0.113 | 24.5 | 0.113 | 25.5 | 0.115 | 25.5 | 0.115 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.228 | 0.228 | 0.470 | 0.427 | 0.401 | 0.361 | 0.361 | 0.360 | 0.301 |
| | | Back | 24.5 | 0.161 | 24.5 | 0.161 | 24.5 | 0.161 | 25.5 | 0.098 | 25.5 | 0.098 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.259 | 0.259 | 1.438 | 0.842 | 1.423 | 1.304 | 1.310 | 0.672 | 1.333 |
| | LTE Band 12/17_Ant 0 | Front | 24.5 | 0.155 | 24.5 | 0.155 | 24.5 | 0.155 | 25.0 | 0.345 | 25.5 | 0.154 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.309 | 0.309 | 0.551 | 0.508 | 0.482 | 0.442 | 0.442 | 0.441 | 0.382 |
| | | Back | 24.5 | 0.127 | 24.5 | 0.127 | 24.5 | 0.127 | 25.0 | 0.415 | 21.5 | 0.185 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.312 | 0.312 | 1.491 | 0.895 | 1.476 | 1.357 | 1.363 | 0.725 | 1.386 |
| | LTE Band 13_Ant 0 | Front | 24.5 | 0.155 | 24.5 | 0.155 | 24.5 | 0.155 | 25.5 | 0.130 | 25.5 | 0.130 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.285 | 0.285 | 0.527 | 0.484 | 0.458 | 0.418 | 0.418 | 0.417 | 0.358 |
| | | Back | 24.5 | 0.127 | 24.5 | 0.127 | 24.5 | 0.127 | 25.5 | 0.179 | 25.5 | 0.179 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.306 | 0.306 | 1.485 | 0.889 | 1.470 | 1.351 | 1.357 | 0.719 | 1.380 |
| | LTE Band 13_Ant 0 | Front | 24.5 | 0.155 | 24.5 | 0.155 | 24.5 | 0.155 | 25.5 | 0.227 | 24.0 | 0.161 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.316 | 0.316 | 0.558 | 0.515 | 0.489 | 0.449 | 0.449 | 0.448 | 0.389 |
| | | Back | 24.5 | 0.127 | 24.5 | 0.127 | 24.5 | 0.127 | 25.5 | 0.292 | 24.0 | 0.207 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.334 | 0.334 | 1.513 | 0.917 | 1.498 | 1.379 | 1.385 | 0.747 | 1.408 |
| | LTE Band 71_Ant 0 | Front | 24.5 | 0.155 | 24.5 | 0.155 | 24.5 | 0.155 | 25.5 | 0.118 | 25.5 | 0.118 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.273 | 0.273 | 0.515 | 0.472 | 0.446 | 0.406 | 0.406 | 0.405 | 0.346 |
| | | Back | 24.5 | 0.127 | 24.5 | 0.127 | 24.5 | 0.127 | 25.5 | 0.166 | 25.5 | 0.166 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.293 | 0.293 | 1.472 | 0.876 | 1.457 | 1.338 | 1.344 | 0.706 | 1.367 |
| | LTE Band 26/5_Ant 2 | Front | 24.5 | 0.155 | 24.5 | 0.155 | 24.5 | 0.155 | 25.5 | 0.167 | 25.5 | 0.167 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.322 | 0.322 | 0.564 | 0.521 | 0.495 | 0.455 | 0.455 | 0.454 | 0.395 |
| | | Back | 24.5 | 0.127 | 24.5 | 0.127 | 24.5 | 0.127 | 25.5 | 0.162 | 25.5 | 0.162 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.289 | 0.289 | 1.468 | 0.872 | 1.453 | 1.334 | 1.340 | 0.702 | 1.363 |
| | LTE Band 12/17_Ant 2 | Front | 24.5 | 0.155 | 24.5 | 0.155 | 24.5 | 0.155 | 25.5 | 0.066 | 25.5 | 0.066 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.221 | 0.221 | 0.463 | 0.420 | 0.394 | 0.354 | 0.354 | 0.353 | 0.294 |
| | | Back | 24.5 | 0.127 | 24.5 | 0.127 | 24.5 | 0.127 | 25.5 | 0.065 | 25.5 | 0.065 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.192 | 0.192 | 1.371 | 0.775 | 1.356 | 1.237 | 1.243 | 0.605 | 1.266 |
| | LTE Band 13_Ant 2 | Front | 24.5 | 0.155 | 24.5 | 0.155 | 24.5 | 0.155 | 25.5 | 0.255 | 25.5 | 0.255 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.410 | 0.410 | 0.652 | 0.609 | 0.583 | 0.543 | 0.543 | 0.542 | 0.483 |
| | | Back | 24.5 | 0.127 | 24.5 | 0.127 | 24.5 | 0.127 | 25.5 | 0.216 | 25.5 | 0.216 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.343 | 0.343 | 1.522 | 0.926 | 1.507 | 1.388 | 1.394 | 0.756 | 1.417 |
| | LTE Band 71_Ant 2 | Front | 24.5 | 0.155 | 24.5 | 0.155 | 24.5 | 0.155 | 25.5 | 0.115 | 25.5 | 0.115 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.270 | 0.270 | 0.512 | 0.469 | 0.443 | 0.403 | 0.403 | 0.402 | 0.343 |
| | | Back | 24.5 | 0.127 | 24.5 | 0.127 | 24.5 | 0.127 | 25.5 | 0.098 | 25.5 | 0.098 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.225 | 0.225 | 1.404 | 0.808 | 1.389 | 1.270 | 1.276 | 0.638 | 1.299 |

| WWAN Band | Exposure Position | NR Standalone Maximum Power (dBm) | NR Standalone 1g SAR (W/kg) | EN-DC Active NR Maximum Power (dBm) | NR Estimated 1g SAR (W/kg) | EN-DC + WLAN NR Maximum Power (dBm) | NR Estimated 1g SAR (W/kg) | LTE Standalone Maximum Power (dBm) | LTE Standalone 1g SAR (W/kg) | EN-DC + LTE Maximum Power (dBm) | LTE Estimated 1g SAR (W/kg) | EN-DC + WLAN LTE Maximum Power (dBm) | LTE Estimated 1g SAR (W/kg) | 2.4GHz WLAN Ant 6 | 2.4GHz WLAN Ant 5 | Max 5GHz WLAN / WIF 6E Ant 6 | Max 5GHz WLAN / WIF 6E Ant 5 | 2.4GHz WLAN Ant 6+5 | Max 5GHz WLAN / WIF 6E Ant 6+5 | Bluetooth Ant 6 | Bluetooth Ant 5 | 10-11 Summed 1g SAR (W/kg) | 0-1 Summed 1g SAR (W/kg) | 0-1+6-8 Summed 1g SAR (W/kg) | 0-1+2-5-9 Summed 1g SAR (W/kg) | 0-1+3-4-8 Summed 1g SAR (W/kg) | 0-1+7-9 Summed 1g SAR (W/kg) | 0-1+5-8 Summed 1g SAR (W/kg) | 0-1+4-9 Summed 1g SAR (W/kg) | | |
|-------------------------------|----------------------|-----------------------------------|-----------------------------|-------------------------------------|----------------------------|-------------------------------------|----------------------------|------------------------------------|------------------------------|---------------------------------|-----------------------------|--------------------------------------|-----------------------------|-------------------|-------------------|------------------------------|------------------------------|---------------------|--------------------------------|-----------------|-----------------|----------------------------|--------------------------|------------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|-------|-------|
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10 | 0 |
| n77 / n78_Ant 9 Portrait mode | LTE Band 26/5_Ant 0 | Front | 22.0 | 0.152 | 22.0 | 0.152 | 22.0 | 0.152 | 25.0 | 0.345 | 25.0 | 0.345 | 21.5 | 0.154 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.497 | 0.306 | 0.548 | 0.505 | 0.479 | 0.439 | 0.439 | 0.438 | 0.379 |
| | | Back | 22.0 | 0.167 | 22.0 | 0.167 | 22.0 | 0.167 | 25.0 | 0.415 | 25.0 | 0.415 | 21.5 | 0.185 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.582 | 0.352 | 1.531 | 0.935 | 1.516 | 1.397 | 1.403 | 0.765 | 1.426 |
| | LTE Band 71_Ant 0 | Front | 22.0 | 0.152 | 22.0 | 0.152 | 22.0 | 0.152 | 25.5 | 0.118 | 25.5 | 0.118 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.270 | 0.270 | 0.512 | 0.469 | 0.443 | 0.403 | 0.403 | 0.402 | 0.343 | | |
| | | Back | 22.0 | 0.167 | 22.0 | 0.167 | 22.0 | 0.167 | 25.5 | 0.166 | 25.5 | 0.166 | 0.166 | 0.166 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.333 | 0.333 | 1.512 | 0.916 | 1.497 | 1.378 | 1.384 | 0.746 | 1.407 |
| | LTE Band 26/5_Ant 2 | Front | 22.0 | 0.152 | 22.0 | 0.152 | 22.0 | 0.152 | 25.5 | 0.167 | 25.5 | 0.167 | 25.5 | 0.167 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.319 | 0.319 | 0.561 | 0.518 | 0.492 | 0.452 | 0.452 | 0.451 | 0.392 |
| | | Back | 22.0 | 0.167 | 22.0 | 0.167 | 22.0 | 0.167 | 25.5 | 0.162 | 25.5 | 0.162 | 25.5 | 0.162 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.329 | 0.329 | 1.508 | 0.912 | 1.493 | 1.374 | 1.380 | 0.742 | 1.403 |
| | LTE Band 12/17_Ant 2 | Front | 22.0 | 0.152 | 22.0 | 0.152 | 22.0 | 0.152 | 25.5 | 0.115 | 25.5 | 0.115 | 25.5 | 0.115 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.267 | 0.267 | 0.509 | 0.466 | 0.440 | 0.400 | 0.400 | 0.399 | 0.340 |
| | | Back | 22.0 | 0.167 | 22.0 | 0.167 | 22.0 | 0.167 | 25.5 | 0.098 | 25.5 | 0.098 | 25.5 | 0.098 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.265 | 0.265 | 1.444 | 0.848 | 1.429 | 1.310 | 1.316 | 0.678 | 1.339 |
| | LTE Band 26/5_Ant 0 | Front | 22.0 | 0.048 | 22.0 | 0.048 | 21.0 | 0.038 | 25.0 | 0.345 | 25.0 | 0.345 | 21.5 | 0.154 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.393 | 0.192 | 0.434 | 0.391 | 0.365 | 0.325 | 0.325 | 0.324 | 0.265 |
| | | Back | 22.0 | 0.227 | 22.0 | 0.227 | 21.0 | 0.180 | 25.0 | 0.415 | 25.0 | 0.415 | 21.5 | 0.185 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.642 | 0.366 | 1.545 | 0.949 | 1.530 | 1.411 | 1.417 | 0.779 | 1.440 |
| | LTE Band 71_Ant 0 | Front | 22.0 | 0.048 | 22.0 | 0.048 | 21.0 | 0.038 | 25.5 | 0.118 | 25.5 | 0.118 | 25.5 | 0.118 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.166 | 0.166 | 0.398 | 0.355 | 0.329 | 0.289 | 0.289 | 0.288 | 0.229 |
| | | Back | 22.0 | 0.227 | 22.0 | 0.227 | 21.0 | 0.180 | 25.5 | 0.166 | 25.5 | 0.166 | 0.166 | 0.166 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.393 | 0.346 | 1.525 | 0.929 | 1.510 | 1.391 | 1.397 | 0.759 | 1.420 |
| | LTE Band 26/5_Ant 2 | Front | 22.0 | 0.048 | 22.0 | 0.048 | 21.0 | 0.038 | 25.5 | 0.167 | 25.5 | 0.167 | 25.5 | 0.167 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.215 | 0.205 | 0.447 | 0.404 | 0.378 | 0.338 | 0.338 | 0.337 | 0.278 |
| | | Back | 22.0 | 0.227 | 22.0 | 0.227 | 21.0 | 0.180 | 25.5 | 0.162 | 25.5 | 0.162 | 25.5 | 0.162 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.389 | 0.342 | 1.521 | 0.925 | 1.506 | 1.367 | 1.393 | 0.755 | 1.416 |
| | LTE Band 12/17_Ant 2 | Front | 22.0 | 0.048 | 22.0 | 0.048 | 21.0 | 0.038 | 25.5 | 0.115 | 25.5 | 0.115 | 25.5 | 0.115 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.163 | 0.153 | 0.395 | 0.352 | 0.326 | 0.286 | 0.286 | 0.285 | 0.226 |
| | | Back | 22.0 | 0.227 | 22.0 | 0.227 | 21.0 | 0.180 | 25.5 | 0.098 | 25.5 | 0.098 | 25.5 | 0.098 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.325 | 0.278 | 1.457 | 0.861 | 1.442 | 1.323 | 1.329 | 0.691 | 1.352 |
| | LTE Band 12/17_Ant 0 | Front | 22.0 | 0.152 | 22.0 | 0.152 | 22.0 | 0.152 | 25.5 | 0.130 | 25.5 | 0.130 | 25.5 | 0.130 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.282 | 0.282 | 0.524 | 0.481 | 0.455 | 0.415 | 0.415 | 0.414 | 0.355 |
| | | Back | 22.0 | 0.167 | 22.0 | 0.167 | 22.0 | 0.167 | 25.5 | 0.179 | 25.5 | 0.179 | 25.5 | 0.179 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.346 | 0.346 | 1.525 | 0.929 | 1.510 | 1.391 | 1.397 | 0. | |

16. Inter-Band UL CA Simultaneous Transmission analysis

| Exposure Condition | Inter CA | PCC | | SCC | |
|--------------------|------------|---------|---------|---------|-----|
| | | Band | Ant | Band | Ant |
| Head | CA_2A-5A | LTE B2 | 1 | LTE B5 | 0 |
| | | | 1 | | 2 |
| | CA_2A-12A | LTE B2 | 1 | LTE B12 | 0 |
| | | | 1 | | 2 |
| | CA_4A-5A | LTE B4 | 1 | LTE B5 | 0 |
| | | | 1 | | 2 |
| | CA_4A-12A | LTE B4 | 1 | LTE B12 | 0 |
| | | | 1 | | 2 |
| | CA_12A-66A | LTE B12 | 0 | LTE B66 | 1 |
| | | | 2 | | 1 |
| Hotspot | CA_2A-5A | LTE B2 | 1 | LTE B5 | 0 |
| | | | 1 | | 2 |
| | | | 8 | | 0 |
| | | | 8 | | 2 |
| | CA_2A-12A | LTE B2 | 1 | LTE B12 | 0 |
| | | | 1 | | 2 |
| | | | 8 | | 0 |
| | | | 8 | | 2 |
| | CA_4A-5A | LTE B4 | 1 | LTE B5 | 0 |
| | | | 1 | | 2 |
| | | | 8 | | 0 |
| | | | 8 | | 2 |
| | CA_4A-12A | LTE B4 | 1 | LTE B12 | 0 |
| | | | 1 | | 2 |
| | | | 8 | | 0 |
| | | | 8 | | 2 |
| | CA_12A-66A | LTE B12 | 0 | LTE B66 | 1 |
| | | | 0 | | 8 |
| 2 | | | 1 | | |
| 2 | | | 8 | | |
| Bodyworn | CA_2A-5A | LTE B2 | 1 | LTE B5 | 0 |
| | | | 1 | | 2 |
| | | | 8 | | 0 |
| | | | 8 | | 2 |
| | CA_2A-12A | LTE B2 | 1 | LTE B12 | 0 |
| | | | 1 | | 2 |
| | | | 8 | | 0 |
| | | | 8 | | 2 |
| | CA_4A-5A | LTE B4 | 1 | LTE B5 | 0 |
| | | | 1 | | 2 |
| | | | 8 | | 0 |
| | | | 8 | | 2 |
| | CA_4A-12A | LTE B4 | 1 | LTE B12 | 0 |
| | | | 1 | | 2 |
| | | | 8 | | 0 |
| | | | 8 | | 2 |
| CA_12A-66A | LTE B12 | 0 | LTE B66 | 1 | |
| | | 0 | | 8 | |
| | | 2 | | 1 | |
| | | 2 | | 8 | |

General Note:

4. According to October 2018 TCB workshop, uplink CA SAR test guidance as follows:
 - e. Provide the single uplink SAR values you have obtained for the relevant SAR configuration and frequency bands that employ inter-band uplink carrier aggregation.
 - f. If the single uplink 1g SAR values for each band are both less than 0.8W/kg and the algebraic summation of the 1g SAR values are less than 1.45W/kg no additional measurements need to be performed.
 - g. If one on the single uplink 1g SAR values is greater than 0.8W/kg, instead of algebraically summing the 1g SAR values, sum up the SAR distributions, similar to the enlarged zoom scan (volume scan) procedures found in FCC KDB publication 865664 D01 SAR measurement 100MHz to 6GHz V01r04
 - h. If the algebraic sum of the 1g SAR values is > 1.45W/kg additional measurements may have to be made. Submit a KDB inquiry for additional guidance.
5. Test positions and test channels used for the testing below are based on the standalone SAR result. When the UL CA active which the output power will be set to as below Sim-Tx table for each inter-band CA combination, therefore, power and SAR was estimated based on standalone results to performed sim-Tx analysis with WiFi and Bluetooth.
6. The single uplink 1g SAR values for each band are both less than 0.8W/kg and the algebraic summation of the 1g SAR value are less than 1.45W/kg, additional measurements are not required



16.1 Head Exposure Conditions

<Inter-band CA active>

| WWAN Band | Exposure Position | PCC LTE Standalone Maximum Power (dBm) | PCC LTE Standalone 1g SAR (W/kg) | PCC Inter-Band CA Active Maximum Power | 0 | SCC LTE Standalone Maximum Power (dBm) | SCC LTE Standalone 1g SAR (W/kg) | SCC Inter-Band CA Active Maximum Power | 1 | 0+1 Summed 1g SAR (W/kg) | |
|------------------------|------------------------|----------------------------------------|----------------------------------|----------------------------------------|---------------------------------|----------------------------------------|----------------------------------|----------------------------------------|---------------------------------|--------------------------|-------|
| | | | | | PCC LTE Estimated 1g SAR (W/kg) | | | | SCC LTE Estimated 1g SAR (W/kg) | | |
| LTE Band 25 / 2_Ant 1 | LTE Band 26 / 5_Ant 0 | Right Cheek | 25.5 | 0.122 | 25.5 | 0.122 | 25.5 | 0.125 | 25.5 | 0.125 | 0.247 |
| | | Right Tilted | 25.5 | 0.001 | 25.5 | 0.001 | 25.5 | 0.058 | 25.5 | 0.058 | 0.059 |
| | | Left Cheek | 25.5 | 0.078 | 25.5 | 0.078 | 25.5 | 0.052 | 25.5 | 0.052 | 0.130 |
| | | Left Tilted | 25.5 | 0.001 | 25.5 | 0.001 | 25.5 | 0.050 | 25.5 | 0.050 | 0.051 |
| | LTE Band 26 / 5_Ant 2 | Right Cheek | 25.5 | 0.122 | 25.5 | 0.122 | 25.0 | 1.144 | 22.5 | 0.643 | 0.765 |
| | | Right Tilted | 25.5 | 0.001 | 25.5 | 0.001 | 25.0 | 0.820 | 22.5 | 0.461 | 0.462 |
| | | Left Cheek | 25.5 | 0.078 | 25.5 | 0.078 | 25.0 | 0.981 | 22.5 | 0.552 | 0.630 |
| | | Left Tilted | 25.5 | 0.001 | 25.5 | 0.001 | 25.0 | 0.863 | 22.5 | 0.485 | 0.486 |
| | LTE Band 12 / 17_Ant 0 | Right Cheek | 25.5 | 0.122 | 25.5 | 0.122 | 25.5 | 0.090 | 25.5 | 0.090 | 0.212 |
| | | Right Tilted | 25.5 | 0.001 | 25.5 | 0.001 | 25.5 | 0.038 | 25.5 | 0.038 | 0.039 |
| | | Left Cheek | 25.5 | 0.078 | 25.5 | 0.078 | 25.5 | 0.043 | 25.5 | 0.043 | 0.121 |
| | | Left Tilted | 25.5 | 0.001 | 25.5 | 0.001 | 25.5 | 0.034 | 25.5 | 0.034 | 0.035 |
| | LTE Band 12 / 17_Ant 2 | Right Cheek | 25.5 | 0.122 | 25.5 | 0.122 | 25.5 | 0.343 | 25.5 | 0.343 | 0.465 |
| | | Right Tilted | 25.5 | 0.001 | 25.5 | 0.001 | 25.5 | 0.240 | 25.5 | 0.240 | 0.241 |
| | | Left Cheek | 25.5 | 0.078 | 25.5 | 0.078 | 25.5 | 0.363 | 25.5 | 0.363 | 0.441 |
| | | Left Tilted | 25.5 | 0.001 | 25.5 | 0.001 | 25.5 | 0.262 | 25.5 | 0.262 | 0.263 |
| LTE Band 66 / 4_Ant 1 | LTE Band 26 / 5_Ant 0 | Right Cheek | 25.5 | 0.050 | 25.5 | 0.050 | 25.5 | 0.125 | 25.5 | 0.125 | 0.175 |
| | | Right Tilted | 25.5 | 0.001 | 25.5 | 0.001 | 25.5 | 0.058 | 25.5 | 0.058 | 0.059 |
| | | Left Cheek | 25.5 | 0.034 | 25.5 | 0.034 | 25.5 | 0.052 | 25.5 | 0.052 | 0.086 |
| | | Left Tilted | 25.5 | 0.001 | 25.5 | 0.001 | 25.5 | 0.050 | 25.5 | 0.050 | 0.051 |
| | LTE Band 26 / 5_Ant 2 | Right Cheek | 25.5 | 0.050 | 25.5 | 0.050 | 25.0 | 1.144 | 22.5 | 0.643 | 0.693 |
| | | Right Tilted | 25.5 | 0.001 | 25.5 | 0.001 | 25.0 | 0.820 | 22.5 | 0.461 | 0.462 |
| | | Left Cheek | 25.5 | 0.034 | 25.5 | 0.034 | 25.0 | 0.981 | 22.5 | 0.552 | 0.586 |
| | | Left Tilted | 25.5 | 0.001 | 25.5 | 0.001 | 25.0 | 0.863 | 22.5 | 0.485 | 0.486 |
| | LTE Band 12 / 17_Ant 0 | Right Cheek | 25.5 | 0.050 | 25.5 | 0.050 | 25.5 | 0.090 | 25.5 | 0.090 | 0.140 |
| | | Right Tilted | 25.5 | 0.001 | 25.5 | 0.001 | 25.5 | 0.038 | 25.5 | 0.038 | 0.039 |
| | | Left Cheek | 25.5 | 0.034 | 25.5 | 0.034 | 25.5 | 0.043 | 25.5 | 0.043 | 0.077 |
| | | Left Tilted | 25.5 | 0.001 | 25.5 | 0.001 | 25.5 | 0.034 | 25.5 | 0.034 | 0.035 |
| | LTE Band 12 / 17_Ant 2 | Right Cheek | 25.5 | 0.050 | 25.5 | 0.050 | 25.5 | 0.343 | 25.5 | 0.343 | 0.393 |
| | | Right Tilted | 25.5 | 0.001 | 25.5 | 0.001 | 25.5 | 0.240 | 25.5 | 0.240 | 0.241 |
| | | Left Cheek | 25.5 | 0.034 | 25.5 | 0.034 | 25.5 | 0.363 | 25.5 | 0.363 | 0.397 |
| | | Left Tilted | 25.5 | 0.001 | 25.5 | 0.001 | 25.5 | 0.262 | 25.5 | 0.262 | 0.263 |
| LTE Band 12 / 17_Ant 0 | LTE Band 66 / 4_Ant 1 | Right Cheek | 25.5 | 0.090 | 25.5 | 0.090 | 25.5 | 0.050 | 25.5 | 0.050 | 0.140 |
| | | Right Tilted | 25.5 | 0.038 | 25.5 | 0.038 | 25.5 | 0.001 | 25.5 | 0.001 | 0.039 |
| | | Left Cheek | 25.5 | 0.043 | 25.5 | 0.043 | 25.5 | 0.034 | 25.5 | 0.034 | 0.077 |
| | | Left Tilted | 25.5 | 0.034 | 25.5 | 0.034 | 25.5 | 0.001 | 25.5 | 0.001 | 0.035 |
| LTE Band 12 / 17_Ant 2 | LTE Band 66 / 4_Ant 1 | Right Cheek | 25.5 | 0.343 | 25.5 | 0.343 | 25.5 | 0.050 | 25.5 | 0.050 | 0.393 |
| | | Right Tilted | 25.5 | 0.240 | 25.5 | 0.240 | 25.5 | 0.001 | 25.5 | 0.001 | 0.241 |
| | | Left Cheek | 25.5 | 0.363 | 25.5 | 0.363 | 25.5 | 0.034 | 25.5 | 0.034 | 0.397 |
| | | Left Tilted | 25.5 | 0.262 | 25.5 | 0.262 | 25.5 | 0.001 | 25.5 | 0.001 | 0.263 |



<Inter-band CA active with WLAN/BT Normal Mode>

Table with columns: WWAN Band, Exposure Position, PCC LTE Standalone Maximum Power (dBm), SCC LTE Standalone Maximum Power (dBm), PCC LTE Estimated 1g SAR (W/kg), SCC LTE Estimated 1g SAR (W/kg), and 10 frequency bands (1-10) with their respective 1g SAR (W/kg) values for Right Cheek, Right Tilted, Left Cheek, and Left Tilted positions. Summary columns include 0+1, 0+1+6+7, 0+1+2+5+9, 0+1+3+4+8, 0+1+7+8, 0+1+7+9, 0+1+5+8, and 0+1+4+9.



16.2 Hotspot Exposure Conditions

<Inter-band CA active with WLAN/BT Normal Mode>

| WWAN Band | Exposure Position | PCC LTE Standalone Maximum Power (dBm) | PCC LTE Standalone 1g SAR (W/kg) | PCC Inter-Band CA Active Maximum Power | 0 | | | 1 | | | | | | | | | | | | | | | | | | | |
|------------------------|------------------------|----------------------------------------|----------------------------------|----------------------------------------|---------------------------------|----------------------------------------|----------------------------------|----------------------------------------|---------------------------------|-------------------|-------------------|-----------------|-----------------|---------------------|-------------------|-----------------|-----------------|--------------------------|------------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------|-------|
| | | | | | PCC LTE Estimated 1g SAR (W/kg) | SCC LTE Standalone Maximum Power (dBm) | SCC LTE Standalone 1g SAR (W/kg) | SCC Inter-Band CA Active Maximum Power | SCC LTE Estimated 1g SAR (W/kg) | 2.4GHz WLAN Ant 4 | 2.4GHz WLAN Ant 5 | 5GHz WLAN Ant 4 | 5GHz WLAN Ant 5 | 2.4GHz WLAN Ant 4+5 | 5GHz WLAN Ant 4+5 | Bluetooth Ant 4 | Bluetooth Ant 5 | 0+1 Summed 1g SAR (W/kg) | 0+1+6+7 Summed 1g SAR (W/kg) | 0+1+2+5+9 Summed 1g SAR (W/kg) | 0+1+3+4+8 Summed 1g SAR (W/kg) | 0+1+7+8 Summed 1g SAR (W/kg) | 0+1+7+9 Summed 1g SAR (W/kg) | 0+1+5+8 Summed 1g SAR (W/kg) | 0+1+4+9 Summed 1g SAR (W/kg) | | |
| LTE Band 25 / 2_Ant 1 | LTE Band 26 / 5_Ant 0 | Front | 23.0 | 0.401 | 20.0 | 0.201 | 25.5 | 0.433 | 22.5 | 0.217 | 0.158 | 0.319 | 0.115 | 0.214 | 0.276 | 0.201 | 0.083 | 0.061 | 0.418 | 0.895 | 0.851 | 0.935 | 0.702 | 0.680 | 0.715 | 0.594 | |
| | | Back | 23.0 | 0.527 | 20.0 | 0.264 | 25.5 | 0.545 | 22.5 | 0.273 | 0.221 | 0.286 | 0.173 | 0.350 | 0.230 | 0.399 | 0.096 | 0.055 | 0.537 | 1.166 | 1.163 | 1.092 | 1.032 | 0.991 | 0.983 | 0.765 | |
| | | Left side | 23.0 | 0.474 | 20.0 | 0.238 | 25.5 | 0.081 | 22.5 | 0.041 | | | | | | | | | | 0.278 | 0.278 | 0.278 | 0.278 | 0.278 | 0.278 | 0.278 | 0.278 |
| | | Right side | 23.0 | 0.060 | 20.0 | 0.030 | 25.5 | 0.178 | 22.5 | 0.089 | 0.153 | 0.396 | 0.081 | 0.274 | 0.377 | 0.329 | 0.081 | 0.090 | 0.119 | 0.825 | 0.636 | 0.677 | 0.529 | 0.538 | 0.474 | 0.290 | |
| | | Bottom side | 23.0 | 1.069 | 20.0 | 0.536 | 25.5 | 0.405 | 22.5 | 0.203 | 0.215 | | 0.056 | | 0.364 | 0.073 | 0.084 | | | 0.001 | 0.438 | 0.216 | 0.141 | 0.158 | 0.074 | 0.085 | 0.057 |
| | LTE Band 26 / 5_Ant 2 | Front | 23.0 | 0.401 | 23.0 | 0.401 | 25.5 | 0.351 | 25.5 | 0.351 | 0.158 | 0.319 | 0.115 | 0.214 | 0.276 | 0.201 | 0.083 | 0.061 | 0.752 | 1.229 | 1.185 | 1.269 | 1.036 | 1.014 | 1.049 | 0.928 | |
| | | Back | 23.0 | 0.527 | 23.0 | 0.527 | 25.5 | 0.307 | 25.5 | 0.307 | 0.221 | 0.286 | 0.173 | 0.350 | 0.230 | 0.399 | 0.096 | 0.055 | 0.834 | 1.463 | 1.460 | 1.389 | 1.329 | 1.288 | 1.280 | 1.062 | |
| | | Left side | 23.0 | 0.474 | 23.0 | 0.474 | 25.5 | 0.054 | 25.5 | 0.054 | | | | | | | | | | 0.528 | 0.528 | 0.528 | 0.528 | 0.528 | 0.528 | 0.528 | 0.528 |
| | | Right side | 23.0 | 0.060 | 23.0 | 0.060 | 25.5 | 0.133 | 25.5 | 0.133 | 0.153 | 0.396 | 0.081 | 0.274 | 0.377 | 0.329 | 0.081 | 0.090 | 0.193 | 0.899 | 0.710 | 0.751 | 0.603 | 0.612 | 0.548 | 0.364 | |
| | | Bottom side | 23.0 | 1.069 | 23.0 | 1.069 | 25.5 | 0.001 | 25.5 | 0.001 | 0.215 | | 0.056 | | 0.364 | 0.073 | 0.084 | | | 0.248 | 0.685 | 0.463 | 0.388 | 0.405 | 0.321 | 0.332 | 0.304 |
| | LTE Band 12 / 17_Ant 0 | Front | 23.0 | 0.401 | 23.0 | 0.401 | 25.5 | 0.223 | 25.5 | 0.223 | 0.158 | 0.319 | 0.115 | 0.214 | 0.276 | 0.201 | 0.083 | 0.061 | 0.624 | 1.101 | 1.057 | 1.141 | 0.908 | 0.886 | 0.921 | 0.800 | |
| | | Back | 23.0 | 0.527 | 23.0 | 0.527 | 25.5 | 0.317 | 25.5 | 0.317 | 0.221 | 0.286 | 0.173 | 0.350 | 0.230 | 0.399 | 0.096 | 0.055 | 0.844 | 1.473 | 1.470 | 1.399 | 1.339 | 1.288 | 1.290 | 1.072 | |
| | | Left side | 23.0 | 0.474 | 23.0 | 0.474 | 25.5 | 0.063 | 25.5 | 0.063 | | | | | | | | | | 0.537 | 0.537 | 0.537 | 0.537 | 0.537 | 0.537 | 0.537 | 0.537 |
| | | Right side | 23.0 | 0.060 | 23.0 | 0.060 | 25.5 | 0.202 | 25.5 | 0.202 | 0.153 | 0.396 | 0.081 | 0.274 | 0.377 | 0.329 | 0.081 | 0.090 | 0.262 | 0.968 | 0.779 | 0.820 | 0.672 | 0.681 | 0.617 | 0.433 | |
| | | Bottom side | 23.0 | 1.069 | 23.0 | 1.069 | 25.5 | 0.179 | 25.5 | 0.179 | 0.215 | | 0.056 | | 0.364 | 0.073 | 0.084 | | | 0.002 | 0.438 | 0.217 | 0.142 | 0.159 | 0.075 | 0.086 | 0.058 |
| | LTE Band 12 / 17_Ant 2 | Front | 23.0 | 0.401 | 23.0 | 0.401 | 25.5 | 0.089 | 25.5 | 0.089 | 0.158 | 0.319 | 0.115 | 0.214 | 0.276 | 0.201 | 0.083 | 0.061 | 0.490 | 0.967 | 0.923 | 1.007 | 0.774 | 0.752 | 0.787 | 0.666 | |
| | | Back | 23.0 | 0.527 | 23.0 | 0.527 | 25.5 | 0.076 | 25.5 | 0.076 | 0.221 | 0.286 | 0.173 | 0.350 | 0.230 | 0.399 | 0.096 | 0.055 | 0.603 | 1.232 | 1.229 | 1.158 | 1.098 | 1.057 | 1.049 | 0.831 | |
| | | Left side | 23.0 | 0.474 | 23.0 | 0.474 | 25.5 | 0.001 | 25.5 | 0.001 | | | | | | | | | | 0.475 | 0.475 | 0.475 | 0.475 | 0.475 | 0.475 | 0.475 | 0.475 |
| | | Right side | 23.0 | 0.060 | 23.0 | 0.060 | 25.5 | 0.075 | 25.5 | 0.075 | 0.153 | 0.396 | 0.081 | 0.274 | 0.377 | 0.329 | 0.081 | 0.090 | 0.135 | 0.841 | 0.652 | 0.693 | 0.545 | 0.554 | 0.490 | 0.306 | |
| | | Bottom side | 23.0 | 1.069 | 23.0 | 1.069 | 25.5 | 0.001 | 25.5 | 0.001 | 0.215 | | 0.056 | | 0.364 | 0.073 | 0.084 | | | 0.066 | 0.503 | 0.281 | 0.206 | 0.223 | 0.139 | 0.150 | 0.122 |
| LTE Band 26 / 5_Ant 0 | Front | 24.0 | 0.534 | 21.0 | 0.268 | 25.5 | 0.433 | 22.5 | 0.217 | 0.158 | 0.319 | 0.115 | 0.214 | 0.276 | 0.201 | 0.083 | 0.061 | 0.485 | 0.962 | 0.918 | 1.002 | 0.769 | 0.747 | 0.782 | 0.661 | | |
| | Back | 24.0 | 0.457 | 21.0 | 0.229 | 25.5 | 0.545 | 22.5 | 0.273 | 0.221 | 0.286 | 0.173 | 0.350 | 0.230 | 0.399 | 0.096 | 0.055 | 0.502 | 1.131 | 1.128 | 1.057 | 0.997 | 0.956 | 0.948 | 0.730 | | |
| | Left side | 24.0 | 1.174 | 21.0 | 0.588 | 25.5 | 0.081 | 22.5 | 0.041 | | | | | | | | | | 0.629 | 0.629 | 0.629 | 0.629 | 0.629 | 0.629 | 0.629 | 0.629 | |
| | Right side | 24.0 | 0.002 | 21.0 | 0.001 | 25.5 | 0.178 | 22.5 | 0.089 | 0.153 | 0.396 | 0.081 | 0.274 | 0.377 | 0.329 | 0.081 | 0.090 | 0.090 | 0.796 | 0.607 | 0.648 | 0.500 | 0.509 | 0.445 | 0.261 | | |
| | Bottom side | 24.0 | 0.105 | 21.0 | 0.053 | 25.5 | 0.405 | 22.5 | 0.203 | 0.215 | | 0.056 | | 0.364 | 0.073 | 0.084 | | | 0.033 | 0.470 | 0.248 | 0.173 | 0.190 | 0.106 | 0.117 | 0.089 | |
| LTE Band 26 / 5_Ant 2 | Front | 24.0 | 0.534 | 21.0 | 0.268 | 25.5 | 0.351 | 22.5 | 0.176 | 0.158 | 0.319 | 0.115 | 0.214 | 0.276 | 0.201 | 0.083 | 0.061 | 0.444 | 0.921 | 0.877 | 0.961 | 0.728 | 0.706 | 0.741 | 0.620 | | |
| | Back | 24.0 | 0.457 | 21.0 | 0.229 | 25.5 | 0.307 | 22.5 | 0.154 | 0.221 | 0.286 | 0.173 | 0.350 | 0.230 | 0.399 | 0.096 | 0.055 | 0.383 | 1.012 | 1.009 | 0.938 | 0.878 | 0.837 | 0.829 | 0.611 | | |
| | Left side | 24.0 | 1.174 | 21.0 | 0.588 | 25.5 | 0.054 | 22.5 | 0.027 | | | | | | | | | | 0.615 | 0.615 | 0.615 | 0.615 | 0.615 | 0.615 | 0.615 | 0.615 | |
| | Right side | 24.0 | 0.002 | 21.0 | 0.001 | 25.5 | 0.133 | 22.5 | 0.067 | 0.153 | 0.396 | 0.081 | 0.274 | 0.377 | 0.329 | 0.081 | 0.090 | 0.068 | 0.774 | 0.585 | 0.626 | 0.478 | 0.487 | 0.423 | 0.239 | | |
| | Bottom side | 24.0 | 0.105 | 21.0 | 0.053 | 25.5 | 0.001 | 22.5 | 0.001 | 0.215 | | 0.056 | | 0.364 | 0.073 | 0.084 | | | 0.156 | 0.593 | 0.371 | 0.296 | 0.313 | 0.229 | 0.240 | 0.212 | |
| LTE Band 12 / 17_Ant 0 | Front | 24.0 | 0.534 | 21.0 | 0.268 | 25.5 | 0.223 | 22.5 | 0.112 | 0.158 | 0.319 | 0.115 | 0.214 | 0.276 | 0.201 | 0.083 | 0.061 | 0.379 | 0.856 | 0.812 | 0.896 | 0.663 | 0.641 | 0.676 | 0.555 | | |
| | Back | 24.0 | 0.457 | 21.0 | 0.229 | 25.5 | 0.317 | 22.5 | 0.159 | 0.221 | 0.286 | 0.173 | 0.350 | 0.230 | 0.399 | 0.096 | 0.055 | 0.388 | 1.017 | 1.014 | 0.943 | 0.883 | 0.842 | 0.834 | 0.616 | | |
| | Left side | 24.0 | 1.174 | 21.0 | 0.588 | 25.5 | 0.063 | 22.5 | 0.032 | | | | | | | | | | 0.620 | 0.620 | 0.620 | 0.620 | 0.620 | 0.620 | 0.620 | 0.620 | |
| | Right side | 24.0 | 0.002 | 21.0 | 0.001 | 25.5 | 0.202 | 22.5 | 0.101 | 0.153 | 0.396 | 0.081 | 0.274 | 0.377 | 0.329 | 0.081 | 0.090 | 0.102 | 0.808 | 0.619 | 0.660 | 0.512 | 0.521 | 0.457 | 0.273 | | |
| | Bottom side | 24.0 | 0.105 | 21.0 | 0.053 | 25.5 | 0.179 | 22.5 | 0.090 | 0.215 | | 0.056 | | 0.364 | 0.073 | 0.084 | | | 0.033 | 0.470 | 0.248 | 0.173 | 0.190 | 0.106 | 0.117 | 0.089 | |
| LTE Band 12 / 17_Ant 2 | Front | 24.0 | 0.534 | 24.0 | 0.534 | 25.5 | 0.089 | 25.5 | 0.089 | 0.158 | 0.319 | 0.115 | 0.214 | 0.276 | 0.201 | 0.083 | 0.061 | 0.623 | 1.100 | 1.056 | 1.140 | 0.907 | 0.885 | 0.920 | 0.799 | | |
| | Back | 24.0 | 0.457 | 24.0 | 0.457 | 25.5 | 0.076 | 25.5 | 0.076 | 0.221 | 0.286 | 0.173 | 0.350 | 0.230 | 0.399 | 0.096 | 0.055 | 0.533 | 1.162 | 1.159 | 1.088 | 1.028 | 0.987 | 0.979 | 0.761 | | |
| | Left side | 24.0 | 1.174 | 24.0 | 1.174 | 25.5 | 0.001 | 25.5 | 0.001 | | | | | | | | | | 1.175 | 1.175 | 1.175 | 1.175 | 1.175 | 1.175 | 1.175 | 1.175 | |
| | Right side | 24.0 | 0.002 | 24.0 | 0.002 | 25.5 | 0.075 | 25.5 | 0.075 | 0.153 | 0.396 | 0.081 | 0.274 | 0.377 | 0.329 | 0.081 | 0.090 | 0.077 | 0.783 | 0.594 | 0.635 | 0.487 | 0.496 | 0.432 | 0.248 | | |
| | Bottom side | 24.0 | 0.105 | 24.0 | 0.105 | 25.5 | 0.001 | 25.5 | 0.001 | 0.215 | | 0.056 | | 0.364 | 0.073 | 0.084 | | | 0.129 | 0.566 | 0.344 | 0.269 | 0.286 | 0.202 | 0.213 | 0.185 | |
| LTE Band 26 / 5_Ant 0 | Front | 25.5 | 0.291 | 22.5 | 0.146 | 25.5 | 0.433 | 22.5 | 0.217 | 0.158 | 0.319 | 0.115 | 0.214 | 0.276 | 0.201 | 0.083 | 0.061 | 0.363 | 0.840 | 0.796 | 0.880 | 0.647 | 0.625 | 0.660 | 0.539 | | |
| | Back | 25.5 | 0.411 | 22.5 | 0.206 | 25.5 | 0.545 | 22.5 | 0.273 | 0.221 | 0.286 | 0.173 | 0.350 | 0.230 | 0.399 | 0.096 | 0.055 | 0.479 | 1.108 | 1.105 | 1.034 | 0.974 | 0.933 | 0.925 | 0.707 | | |
| | Left side | 25.5 | 0.320 | 22.5 | 0.160 | 25.5 | 0.081 | 22.5 | 0.041 | | | | | | | | | | 0.201 | 0.201 | 0.201 | 0.201 | 0.201 | 0.201 | 0.201 | 0.201 | |
| | Right side | 25.5 | 0.001 | 22.5 | 0.001 | 25.5 | 0.178 | 22.5 | 0.089 | 0.153 | | | | | | | | | | | | | | | | | |



<Inter-band CA active with WLAN/BT Camera Mode>

| WWAN Band | Exposure Position | PCC LTE Standalone Maximum Power (dBm) | PCC LTE Standalone 1g SAR (W/kg) | PCC Inter-Band CA Active Maximum Power | 0 | | | | 1 | | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0+1 Summed 1g SAR (W/kg) | 0+1+6+7 Summed 1g SAR (W/kg) | 0+1+2+5+9 Summed 1g SAR (W/kg) | 0+1+3+4+8 Summed 1g SAR (W/kg) | 0+1+7+8 Summed 1g SAR (W/kg) | 0+1+7+9 Summed 1g SAR (W/kg) | 0+1+5+8 Summed 1g SAR (W/kg) | 0+1+4+9 Summed 1g SAR (W/kg) | |
|-----------------------|------------------------|----------------------------------------|----------------------------------|----------------------------------------|---------------------------------|----------------------------------------|----------------------------------|----------------------------------------|---------------------------------|---------------------------------|---------------------------------|-------------------------------|-------------------------------|-----------------------------------|---------------------------------|-------------------------------|-------------------------------|-------|--------------------------|------------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------|
| | | | | | PCC LTE Estimated 1g SAR (W/kg) | SCC LTE Standalone Maximum Power (dBm) | SCC LTE Standalone 1g SAR (W/kg) | SCC Inter-Band CA Active Maximum Power | SCC LTE Estimated 1g SAR (W/kg) | 2.4GHz WLAN Ant 6 1g SAR (W/kg) | 2.4GHz WLAN Ant 5 1g SAR (W/kg) | 5GHz WLAN Ant 6 1g SAR (W/kg) | 5GHz WLAN Ant 5 1g SAR (W/kg) | 2.4GHz WLAN Ant 6+5 1g SAR (W/kg) | 5GHz WLAN Ant 6+5 1g SAR (W/kg) | Bluetooth Ant 6 1g SAR (W/kg) | Bluetooth Ant 5 1g SAR (W/kg) | | | | | | | | | | |
| LTE Band 25 / 2_Ant 1 | LTE Band 26 / 5_Ant 0 | Front | 23.0 | 0.401 | 20.0 | 0.201 | 25.5 | 0.433 | 22.5 | 0.217 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.418 | 0.670 | 0.830 | 0.758 | 0.501 | 0.561 | 0.648 | 0.564 | |
| | | Back | 23.0 | 0.527 | 20.0 | 0.264 | 25.5 | 0.545 | 22.5 | 0.273 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.537 | 1.190 | 0.968 | 1.204 | 0.990 | 0.987 | 0.786 | 0.953 | |
| | | Left side | 23.0 | 0.474 | 20.0 | 0.238 | 25.5 | 0.081 | 22.5 | 0.041 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.278 | 0.596 | 0.582 | 0.444 | 0.426 | 0.350 | 0.435 | 0.368 | |
| | | Right side | 23.0 | 0.060 | 20.0 | 0.030 | 25.5 | 0.178 | 22.5 | 0.089 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.119 | 0.528 | 0.480 | 0.563 | 0.186 | 0.276 | 0.390 | 0.257 | |
| | | Top side | 23.0 | 0.001 | 20.0 | 0.001 | 25.5 | 0.001 | 22.5 | 0.001 | 0.001 | | | 0.071 | 0.117 | 0.075 | 0.001 | | 0.001 | 0.001 | 0.193 | 0.739 | 0.002 | 0.073 | 0.077 | 0.076 | 0.002 |
| | | Bottom side | 23.0 | 1.069 | 20.0 | 0.536 | 25.5 | 0.405 | 22.5 | 0.203 | | | | 0.056 | | | | | | 0.739 | 0.739 | 0.795 | 0.739 | 0.739 | 0.739 | 0.795 | 0.739 |
| | LTE Band 26 / 5_Ant 2 | Front | 23.0 | 0.401 | 23.0 | 0.401 | 25.5 | 0.351 | 25.5 | 0.351 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.752 | 1.004 | 1.164 | 1.092 | 0.835 | 0.895 | 0.982 | 0.898 | |
| | | Back | 23.0 | 0.527 | 23.0 | 0.527 | 25.5 | 0.307 | 25.5 | 0.307 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.834 | 1.487 | 1.265 | 1.501 | 1.287 | 1.284 | 1.083 | 1.250 | |
| | | Left side | 23.0 | 0.474 | 23.0 | 0.474 | 25.5 | 0.054 | 25.5 | 0.054 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.528 | 0.846 | 0.832 | 0.694 | 0.676 | 0.600 | 0.685 | 0.618 | |
| | | Right side | 23.0 | 0.060 | 23.0 | 0.060 | 25.5 | 0.133 | 25.5 | 0.133 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.193 | 0.602 | 0.554 | 0.637 | 0.260 | 0.350 | 0.464 | 0.331 | |
| | | Top side | 23.0 | 0.001 | 23.0 | 0.001 | 25.5 | 0.247 | 25.5 | 0.247 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.248 | 0.440 | 0.249 | 0.320 | 0.324 | 0.323 | 0.249 | 0.319 | |
| | | Bottom side | 23.0 | 1.069 | 23.0 | 1.069 | 25.5 | 0.001 | 25.5 | 0.001 | | | | 0.056 | | | | | | 1.070 | 1.070 | 1.126 | 1.070 | 1.070 | 1.070 | 1.126 | 1.070 |
| | LTE Band 12 / 17_Ant 0 | Front | 23.0 | 0.401 | 23.0 | 0.401 | 25.5 | 0.223 | 25.5 | 0.223 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.624 | 0.876 | 1.036 | 0.964 | 0.707 | 0.767 | 0.854 | 0.770 | |
| | | Back | 23.0 | 0.527 | 23.0 | 0.527 | 25.5 | 0.317 | 25.5 | 0.317 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.844 | 1.497 | 1.275 | 1.511 | 1.297 | 1.294 | 1.093 | 1.260 | |
| | | Left side | 23.0 | 0.474 | 23.0 | 0.474 | 25.5 | 0.063 | 25.5 | 0.063 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.537 | 0.855 | 0.841 | 0.703 | 0.685 | 0.609 | 0.694 | 0.627 | |
| | | Right side | 23.0 | 0.060 | 23.0 | 0.060 | 25.5 | 0.202 | 25.5 | 0.202 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.262 | 0.671 | 0.623 | 0.706 | 0.329 | 0.419 | 0.533 | 0.400 | |
| | | Top side | 23.0 | 0.001 | 23.0 | 0.001 | 25.5 | 0.001 | 25.5 | 0.001 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.002 | 0.194 | 0.003 | 0.074 | 0.078 | 0.077 | 0.003 | 0.073 | |
| | | Bottom side | 23.0 | 1.069 | 23.0 | 1.069 | 25.5 | 0.179 | 25.5 | 0.179 | | | | 0.056 | | | | | | 1.248 | 1.248 | 1.304 | 1.248 | 1.248 | 1.248 | 1.304 | 1.248 |
| | LTE Band 12 / 17_Ant 2 | Front | 23.0 | 0.401 | 23.0 | 0.401 | 25.5 | 0.089 | 25.5 | 0.089 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.490 | 0.742 | 0.902 | 0.830 | 0.573 | 0.633 | 0.720 | 0.636 | |
| | | Back | 23.0 | 0.527 | 23.0 | 0.527 | 25.5 | 0.076 | 25.5 | 0.076 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.603 | 1.256 | 1.034 | 1.270 | 1.056 | 1.053 | 0.852 | 1.019 | |
| | | Left side | 23.0 | 0.474 | 23.0 | 0.474 | 25.5 | 0.001 | 25.5 | 0.001 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.475 | 0.793 | 0.779 | 0.641 | 0.623 | 0.547 | 0.632 | 0.565 | |
| | | Right side | 23.0 | 0.060 | 23.0 | 0.060 | 25.5 | 0.075 | 25.5 | 0.075 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.135 | 0.544 | 0.496 | 0.579 | 0.202 | 0.292 | 0.406 | 0.273 | |
| | | Top side | 23.0 | 0.001 | 23.0 | 0.001 | 25.5 | 0.065 | 25.5 | 0.065 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.066 | 0.258 | 0.067 | 0.138 | 0.142 | 0.141 | 0.067 | 0.137 | |
| | | Bottom side | 23.0 | 1.069 | 23.0 | 1.069 | 25.5 | 0.001 | 25.5 | 0.001 | | | | 0.056 | | | | | | 1.070 | 1.070 | 1.126 | 1.070 | 1.070 | 1.070 | 1.126 | 1.070 |
| LTE Band 25 / 2_Ant 6 | LTE Band 26 / 5_Ant 0 | Front | 24.0 | 0.534 | 21.0 | 0.268 | 25.5 | 0.433 | 22.5 | 0.217 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.485 | 0.737 | 0.897 | 0.825 | 0.568 | 0.628 | 0.715 | 0.631 | |
| | | Back | 24.0 | 0.457 | 21.0 | 0.229 | 25.5 | 0.545 | 22.5 | 0.273 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.502 | 1.155 | 0.933 | 1.169 | 0.955 | 0.952 | 0.751 | 0.918 | |
| | | Left side | 24.0 | 1.174 | 21.0 | 0.588 | 25.5 | 0.081 | 22.5 | 0.041 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.629 | 0.947 | 0.933 | 0.795 | 0.777 | 0.701 | 0.786 | 0.719 | |
| | | Right side | 24.0 | 0.002 | 21.0 | 0.001 | 25.5 | 0.178 | 22.5 | 0.089 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.090 | 0.499 | 0.451 | 0.534 | 0.157 | 0.247 | 0.361 | 0.228 | |
| | | Top side | 24.0 | 0.064 | 21.0 | 0.032 | 25.5 | 0.001 | 22.5 | 0.001 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.033 | 0.225 | 0.034 | 0.105 | 0.109 | 0.108 | 0.034 | 0.104 | |
| | | Bottom side | 24.0 | 0.105 | 21.0 | 0.053 | 25.5 | 0.405 | 22.5 | 0.203 | | | | 0.056 | | | | | | 0.256 | 0.256 | 0.312 | 0.256 | 0.256 | 0.256 | 0.312 | 0.256 |
| | LTE Band 26 / 5_Ant 2 | Front | 24.0 | 0.534 | 21.0 | 0.268 | 25.5 | 0.351 | 22.5 | 0.176 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.444 | 0.696 | 0.856 | 0.784 | 0.527 | 0.587 | 0.674 | 0.590 | |
| | | Back | 24.0 | 0.457 | 21.0 | 0.229 | 25.5 | 0.307 | 22.5 | 0.154 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.383 | 1.036 | 0.814 | 1.050 | 0.836 | 0.833 | 0.632 | 0.799 | |
| | | Left side | 24.0 | 1.174 | 21.0 | 0.588 | 25.5 | 0.054 | 22.5 | 0.027 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.615 | 0.933 | 0.919 | 0.781 | 0.763 | 0.687 | 0.772 | 0.705 | |
| | | Right side | 24.0 | 0.002 | 21.0 | 0.001 | 25.5 | 0.133 | 22.5 | 0.067 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.068 | 0.477 | 0.429 | 0.512 | 0.135 | 0.225 | 0.339 | 0.206 | |
| | | Top side | 24.0 | 0.064 | 21.0 | 0.032 | 25.5 | 0.247 | 22.5 | 0.124 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.156 | 0.348 | 0.157 | 0.228 | 0.232 | 0.231 | 0.157 | 0.227 | |
| | | Bottom side | 24.0 | 0.105 | 21.0 | 0.053 | 25.5 | 0.001 | 22.5 | 0.001 | | | | 0.056 | | | | | | 0.053 | 0.053 | 0.109 | 0.053 | 0.053 | 0.053 | 0.109 | 0.053 |
| | LTE Band 12 / 17_Ant 0 | Front | 24.0 | 0.534 | 21.0 | 0.268 | 25.5 | 0.223 | 22.5 | 0.112 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.379 | 0.631 | 0.791 | 0.719 | 0.462 | 0.522 | 0.609 | 0.525 | |
| | | Back | 24.0 | 0.457 | 21.0 | 0.229 | 25.5 | 0.317 | 22.5 | 0.159 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.388 | 1.041 | 0.819 | 1.055 | 0.841 | 0.838 | 0.637 | 0.804 | |
| | | Left side | 24.0 | 1.174 | 21.0 | 0.588 | 25.5 | 0.063 | 22.5 | 0.032 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.620 | 0.938 | 0.924 | 0.786 | 0.768 | 0.692 | 0.777 | 0.710 | |
| | | Right side | 24.0 | 0.002 | 21.0 | 0.001 | 25.5 | 0.202 | 22.5 | 0.101 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.102 | 0.511 | 0.463 | 0.546 | 0.169 | 0.259 | 0.373 | 0.240 | |
| | | Top side | 24.0 | 0.064 | 21.0 | 0.032 | 25.5 | 0.001 | 22.5 | 0.001 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.033 | 0.225 | 0.034 | 0.105 | 0.109 | 0.108 | 0.034 | 0.104 | |
| | | Bottom side | 24.0 | 0.105 | 21.0 | 0.053 | 25.5 | 0.179 | 22.5 | 0.090 | | | | 0.056 | | | | | | 0.142 | 0.142 | 0.198 | 0.142 | 0.142 | 0.198 | 0.142 | |
| | LTE Band 12 / 17_Ant 2 | Front | 24.0 | 0.534 | 24.0 | 0.534 | 25.5 | 0.089 | 25.5 | 0.089 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.623 | 0.875 | 1.035 | 0.963 | 0.706 | 0.766 | 0.853 | 0.769 | |
| | | Back | 24.0 | 0.457 | 24.0 | 0.457 | 25.5 | 0.076 | | | | | | | | | | | | | | | | | | | |



FCC SAR TEST REPORT

Report No. : FA082114A

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|--------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| LTE Band 12/ 17_Ant 0 | Top side | 25.5 | 0.001 | 25.5 | 0.001 | 25.5 | 0.247 | 25.5 | 0.247 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.248 | 0.440 | 0.249 | 0.320 | 0.324 | 0.323 | 0.249 | 0.319 | |
| | Bottom side | 25.5 | 0.623 | 25.5 | 0.623 | 25.5 | 0.001 | 25.5 | 0.001 | | | 0.056 | | | | | | 0.624 | 0.624 | 0.680 | 0.624 | 0.624 | 0.624 | 0.680 | 0.624 | |
| | LTE Band 12/ 17_Ant 2 | Front | 25.5 | 0.291 | 25.5 | 0.291 | 25.5 | 0.223 | 25.5 | 0.223 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.514 | 0.766 | 0.926 | 0.854 | 0.597 | 0.657 | 0.744 | 0.660 |
| | | Back | 25.5 | 0.411 | 25.5 | 0.411 | 25.5 | 0.317 | 25.5 | 0.317 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.728 | 1.381 | 1.159 | 1.395 | 1.181 | 1.178 | 0.977 | 1.144 |
| | | Left side | 25.5 | 0.320 | 25.5 | 0.320 | 25.5 | 0.063 | 25.5 | 0.063 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.383 | 0.701 | 0.687 | 0.549 | 0.531 | 0.455 | 0.540 | 0.473 |
| | | Right side | 25.5 | 0.001 | 25.5 | 0.001 | 25.5 | 0.202 | 25.5 | 0.202 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.203 | 0.612 | 0.564 | 0.647 | 0.270 | 0.360 | 0.474 | 0.341 |
| | | Top side | 25.5 | 0.001 | 25.5 | 0.001 | 25.5 | 0.001 | 25.5 | 0.001 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.002 | 0.194 | 0.003 | 0.074 | 0.078 | 0.077 | 0.003 | 0.073 |
| | | Bottom side | 25.5 | 0.623 | 25.5 | 0.623 | 25.5 | 0.179 | 25.5 | 0.179 | | | | 0.056 | | | | | 0.802 | 0.802 | 0.858 | 0.802 | 0.802 | 0.802 | 0.858 | 0.802 |
| | LTE Band 12/ 17_Ant 2 | Front | 25.5 | 0.291 | 25.5 | 0.291 | 25.5 | 0.089 | 25.5 | 0.089 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.380 | 0.632 | 0.792 | 0.720 | 0.463 | 0.523 | 0.610 | 0.526 |
| | | Back | 25.5 | 0.411 | 25.5 | 0.411 | 25.5 | 0.076 | 25.5 | 0.076 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.487 | 1.140 | 0.918 | 1.154 | 0.940 | 0.937 | 0.736 | 0.903 |
| | | Left side | 25.5 | 0.320 | 25.5 | 0.320 | 25.5 | 0.001 | 25.5 | 0.001 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.321 | 0.639 | 0.625 | 0.487 | 0.469 | 0.393 | 0.478 | 0.411 |
| | | Right side | 25.5 | 0.001 | 25.5 | 0.001 | 25.5 | 0.075 | 25.5 | 0.075 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.076 | 0.485 | 0.437 | 0.520 | 0.143 | 0.233 | 0.347 | 0.214 |
| | | Top side | 25.5 | 0.001 | 25.5 | 0.001 | 25.5 | 0.065 | 25.5 | 0.065 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.066 | 0.258 | 0.067 | 0.138 | 0.142 | 0.141 | 0.067 | 0.137 |
| | | Bottom side | 25.5 | 0.623 | 25.5 | 0.623 | 25.5 | 0.001 | 25.5 | 0.001 | | | | 0.056 | | | | | 0.624 | 0.624 | 0.680 | 0.624 | 0.624 | 0.624 | 0.680 | 0.624 |
| | LTE Band 26/ 5_Ant 0 | Front | 24.5 | 0.456 | 21.5 | 0.229 | 25.5 | 0.433 | 22.5 | 0.217 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.446 | 0.698 | 0.858 | 0.786 | 0.529 | 0.589 | 0.676 | 0.592 |
| | | Back | 24.5 | 0.408 | 21.5 | 0.204 | 25.5 | 0.545 | 22.5 | 0.273 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.478 | 1.131 | 0.909 | 1.145 | 0.931 | 0.928 | 0.727 | 0.894 |
| | | Left side | 24.5 | 1.122 | 21.5 | 0.562 | 25.5 | 0.081 | 22.5 | 0.041 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.603 | 0.921 | 0.907 | 0.769 | 0.751 | 0.675 | 0.760 | 0.693 |
| | | Right side | 24.5 | 0.001 | 21.5 | 0.001 | 25.5 | 0.178 | 22.5 | 0.089 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.090 | 0.499 | 0.451 | 0.534 | 0.157 | 0.247 | 0.361 | 0.228 |
| | | Top side | 24.5 | 0.001 | 21.5 | 0.001 | 25.5 | 0.001 | 22.5 | 0.001 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.001 | 0.193 | 0.002 | 0.073 | 0.077 | 0.076 | 0.002 | 0.072 |
| | | Bottom side | 24.5 | 0.073 | 21.5 | 0.037 | 25.5 | 0.405 | 22.5 | 0.203 | | | | 0.056 | | | | | 0.240 | 0.240 | 0.296 | 0.240 | 0.240 | 0.240 | 0.296 | 0.240 |
| | LTE Band 26/ 5_Ant 2 | Front | 24.5 | 0.456 | 24.5 | 0.456 | 25.5 | 0.351 | 25.5 | 0.351 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.807 | 1.059 | 1.219 | 1.147 | 0.890 | 0.950 | 1.037 | 0.953 |
| | | Back | 24.5 | 0.408 | 24.5 | 0.408 | 25.5 | 0.307 | 25.5 | 0.307 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.715 | 1.368 | 1.146 | 1.382 | 1.168 | 1.165 | 0.964 | 1.131 |
| | | Left side | 24.5 | 1.122 | 24.5 | 1.122 | 25.5 | 0.054 | 25.5 | 0.054 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 1.176 | 1.494 | 1.480 | 1.342 | 1.324 | 1.248 | 1.333 | 1.266 |
| | | Right side | 24.5 | 0.001 | 24.5 | 0.001 | 25.5 | 0.133 | 25.5 | 0.133 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.134 | 0.543 | 0.495 | 0.578 | 0.201 | 0.291 | 0.405 | 0.272 |
| Top side | | 24.5 | 0.001 | 24.5 | 0.001 | 25.5 | 0.247 | 25.5 | 0.247 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.248 | 0.440 | 0.249 | 0.320 | 0.324 | 0.323 | 0.249 | 0.319 | |
| Bottom side | | 24.5 | 0.073 | 24.5 | 0.073 | 25.5 | 0.001 | 25.5 | 0.001 | | | | 0.056 | | | | | 0.074 | 0.074 | 0.130 | 0.074 | 0.074 | 0.074 | 0.130 | 0.074 | |
| LTE Band 12/ 17_Ant 8 | Front | 24.5 | 0.456 | 24.5 | 0.456 | 25.5 | 0.223 | 25.5 | 0.223 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.679 | 0.931 | 1.091 | 1.019 | 0.762 | 0.822 | 0.909 | 0.825 | |
| | Back | 24.5 | 0.408 | 24.5 | 0.408 | 25.5 | 0.317 | 25.5 | 0.317 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.725 | 1.378 | 1.156 | 1.392 | 1.178 | 1.175 | 0.974 | 1.141 | |
| | Left side | 24.5 | 1.122 | 24.5 | 1.122 | 25.5 | 0.063 | 25.5 | 0.063 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 1.185 | 1.503 | 1.489 | 1.351 | 1.333 | 1.257 | 1.342 | 1.275 | |
| | Right side | 24.5 | 0.001 | 24.5 | 0.001 | 25.5 | 0.202 | 25.5 | 0.202 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.203 | 0.612 | 0.564 | 0.647 | 0.270 | 0.360 | 0.474 | 0.341 | |
| | Top side | 24.5 | 0.001 | 24.5 | 0.001 | 25.5 | 0.001 | 25.5 | 0.001 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.002 | 0.194 | 0.003 | 0.074 | 0.078 | 0.077 | 0.003 | 0.073 | |
| | Bottom side | 24.5 | 0.073 | 24.5 | 0.073 | 25.5 | 0.179 | 25.5 | 0.179 | | | | 0.056 | | | | | 0.252 | 0.252 | 0.308 | 0.252 | 0.252 | 0.252 | 0.308 | 0.252 | |
| LTE Band 12/ 17_Ant 2 | Front | 24.5 | 0.456 | 24.5 | 0.456 | 25.5 | 0.089 | 25.5 | 0.089 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.545 | 0.797 | 0.957 | 0.885 | 0.628 | 0.688 | 0.775 | 0.691 | |
| | Back | 24.5 | 0.408 | 24.5 | 0.408 | 25.5 | 0.076 | 25.5 | 0.076 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.484 | 1.137 | 0.915 | 1.151 | 0.937 | 0.934 | 0.733 | 0.900 | |
| | Left side | 24.5 | 1.122 | 24.5 | 1.122 | 25.5 | 0.001 | 25.5 | 0.001 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 1.123 | 1.441 | 1.427 | 1.289 | 1.271 | 1.195 | 1.280 | 1.213 | |
| | Right side | 24.5 | 0.001 | 24.5 | 0.001 | 25.5 | 0.075 | 25.5 | 0.075 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.176 | 0.485 | 0.437 | 0.520 | 0.143 | 0.233 | 0.347 | 0.214 | |
| | Top side | 24.5 | 0.001 | 24.5 | 0.001 | 25.5 | 0.065 | 25.5 | 0.065 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.066 | 0.258 | 0.067 | 0.138 | 0.142 | 0.141 | 0.067 | 0.137 | |
| | Bottom side | 24.5 | 0.073 | 24.5 | 0.073 | 25.5 | 0.001 | 25.5 | 0.001 | | | | 0.056 | | | | | 0.074 | 0.074 | 0.130 | 0.074 | 0.074 | 0.074 | 0.130 | 0.074 | |
| LTE Band 66/ 4_Ant 1 | Front | 25.5 | 0.223 | 25.5 | 0.223 | 25.5 | 0.291 | 25.5 | 0.291 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.514 | 0.766 | 0.926 | 0.854 | 0.597 | 0.657 | 0.744 | 0.660 | |
| | Back | 25.5 | 0.317 | 25.5 | 0.317 | 25.5 | 0.411 | 25.5 | 0.411 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.728 | 1.381 | 1.159 | 1.395 | 1.181 | 1.178 | 0.977 | 1.144 | |
| | Left side | 25.5 | 0.063 | 25.5 | 0.063 | 25.5 | 0.320 | 25.5 | 0.320 | 0.223 | | 0.090 | 0.081 | 0.246 | 0.072 | 0.076 | | 0.383 | 0.701 | 0.687 | 0.549 | 0.531 | 0.455 | 0.540 | 0.473 | |
| | Right side | 25.5 | 0.202 | 25.5 | 0.202 | 25.5 | 0.001 | 25.5 | 0.001 | | 0.396 | 0.048 | 0.271 | 0.342 | 0.067 | | 0.090 | 0.203 | 0.612 | 0.564 | 0.647 | 0.270 | 0.360 | 0.474 | 0.341 | |
| | Top side | 25.5 | 0.001 | 25.5 | 0.001 | 25.5 | 0.001 | 25.5 | 0.001 | 0.001 | | 0.071 | | 0.117 | 0.075 | 0.001 | | 0.002 | 0.194 | 0.003 | 0.074 | 0.078 | 0.077 | 0.003 | 0.073 | |
| | Bottom side | 25.5 | 0.179 | 25.5 | 0.179 | 25.5 | 0.623 | 25.5 | 0.623 | | | | 0.056 | | | | | 0.802 | 0.802 | 0.858 | 0.802 | 0.802 | 0.802 | 0.858 | 0.802 | |
| LTE Band 66/ 4_Ant 8 | Front | 25.5 | 0.223 | 25.5 | 0.223 | 24.5 | 0.456 | 24.5 | 0.456 | 0.122 | 0.254 | 0.085 | 0.229 | 0.170 | 0.082 | 0.001 | 0.061 | 0.679 | 0.931 | 1.091 | 1.019 | 0.762 | 0.822 | 0.909 | 0.825 | |
| | Back | 25.5 | 0.317 | 25.5 | 0.317 | 24.5 | 0.408 | 24.5 | 0.408 | 0.185 | 0.248 | 0.361 | 0.191 | 0.258 | 0.395 | 0.058 | 0.055 | 0.725 | 1.378 | 1.156 | 1.392 | 1.178 | 1.175 | 0.974 | 1.141 | |
| | Left side | 25.5 | 0.063 | 25.5 | | | | | | | | | | | | | | | | | | | | | | |



16.3 Body-worn Exposure Conditions

<Inter-band CA active>

| WWAN Band | | Exposure Position | PCC LTE Standalone Maximum Power (dBm) | PCC LTE Standalone 1g SAR (W/kg) | PCC Inter-Band CA Active Maximum Power | 0 | SCC LTE Standalone Maximum Power (dBm) | SCC LTE Standalone 1g SAR (W/kg) | SCC Inter-Band CA Active Maximum Power | 1 | 0+1 Summed 1g SAR (W/kg) |
|------------------------|------------------------|-------------------|----------------------------------------|----------------------------------|----------------------------------------|---------------------------------|----------------------------------------|----------------------------------|----------------------------------------|---------------------------------|--------------------------|
| | | | | | | PCC LTE Estimated 1g SAR (W/kg) | | | | SCC LTE Estimated 1g SAR (W/kg) | |
| LTE Band 25 / 2_Ant 1 | LTE Band 26 / 5_Ant 0 | Front | 25.5 | 0.317 | 25.5 | 0.317 | 25.5 | 0.388 | 25.5 | 0.388 | 0.705 |
| | | Back | 25.5 | 0.448 | 25.5 | 0.448 | 25.5 | 0.466 | 25.5 | 0.466 | 0.914 |
| | LTE Band 26 / 5_Ant 2 | Front | 25.5 | 0.317 | 25.5 | 0.317 | 25.5 | 0.167 | 25.5 | 0.167 | 0.484 |
| | | Back | 25.5 | 0.448 | 25.5 | 0.448 | 25.5 | 0.162 | 25.5 | 0.162 | 0.610 |
| | LTE Band 12 / 17_Ant 0 | Front | 25.5 | 0.317 | 25.5 | 0.317 | 25.5 | 0.130 | 25.5 | 0.130 | 0.447 |
| | | Back | 25.5 | 0.448 | 25.5 | 0.448 | 25.5 | 0.179 | 25.5 | 0.179 | 0.627 |
| | LTE Band 12 / 17_Ant 2 | Front | 25.5 | 0.317 | 25.5 | 0.317 | 25.5 | 0.066 | 25.5 | 0.066 | 0.383 |
| | | Back | 25.5 | 0.448 | 25.5 | 0.448 | 25.5 | 0.065 | 25.5 | 0.065 | 0.513 |
| LTE Band 25 / 2_Ant 8 | LTE Band 26 / 5_Ant 0 | Front | 25.5 | 0.306 | 22.5 | 0.153 | 25.5 | 0.388 | 22.0 | 0.173 | 0.327 |
| | | Back | 25.5 | 0.234 | 22.5 | 0.117 | 25.5 | 0.466 | 22.0 | 0.208 | 0.325 |
| | LTE Band 26 / 5_Ant 2 | Front | 25.5 | 0.306 | 25.5 | 0.306 | 25.5 | 0.167 | 25.5 | 0.167 | 0.473 |
| | | Back | 25.5 | 0.234 | 25.5 | 0.234 | 25.5 | 0.162 | 25.5 | 0.162 | 0.396 |
| | LTE Band 12 / 17_Ant 0 | Front | 25.5 | 0.306 | 25.5 | 0.306 | 25.5 | 0.130 | 25.5 | 0.130 | 0.436 |
| | | Back | 25.5 | 0.234 | 25.5 | 0.234 | 25.5 | 0.179 | 25.5 | 0.179 | 0.413 |
| | LTE Band 12 / 17_Ant 2 | Front | 25.5 | 0.306 | 25.5 | 0.306 | 25.5 | 0.066 | 25.5 | 0.066 | 0.372 |
| | | Back | 25.5 | 0.234 | 25.5 | 0.234 | 25.5 | 0.065 | 25.5 | 0.065 | 0.299 |
| LTE Band 66 / 4_Ant 1 | LTE Band 26 / 5_Ant 0 | Front | 25.5 | 0.180 | 25.5 | 0.180 | 25.5 | 0.388 | 25.5 | 0.388 | 0.568 |
| | | Back | 25.5 | 0.282 | 25.5 | 0.282 | 25.5 | 0.466 | 25.5 | 0.466 | 0.748 |
| | LTE Band 26 / 5_Ant 2 | Front | 25.5 | 0.180 | 25.5 | 0.180 | 25.5 | 0.167 | 25.5 | 0.167 | 0.347 |
| | | Back | 25.5 | 0.282 | 25.5 | 0.282 | 25.5 | 0.162 | 25.5 | 0.162 | 0.444 |
| | LTE Band 12 / 17_Ant 0 | Front | 25.5 | 0.180 | 25.5 | 0.180 | 25.5 | 0.130 | 25.5 | 0.130 | 0.310 |
| | | Back | 25.5 | 0.282 | 25.5 | 0.282 | 25.5 | 0.179 | 25.5 | 0.179 | 0.461 |
| | LTE Band 12 / 17_Ant 2 | Front | 25.5 | 0.180 | 25.5 | 0.180 | 25.5 | 0.066 | 25.5 | 0.066 | 0.246 |
| | | Back | 25.5 | 0.282 | 25.5 | 0.282 | 25.5 | 0.065 | 25.5 | 0.065 | 0.347 |
| LTE Band 66 / 4_Ant 8 | LTE Band 26 / 5_Ant 0 | Front | 24.5 | 0.188 | 21.5 | 0.094 | 25.5 | 0.388 | 22.0 | 0.173 | 0.268 |
| | | Back | 24.5 | 0.163 | 21.5 | 0.082 | 25.5 | 0.466 | 22.0 | 0.208 | 0.290 |
| | LTE Band 26 / 5_Ant 2 | Front | 24.5 | 0.188 | 24.5 | 0.188 | 25.5 | 0.167 | 25.5 | 0.167 | 0.355 |
| | | Back | 24.5 | 0.163 | 24.5 | 0.163 | 25.5 | 0.162 | 25.5 | 0.162 | 0.325 |
| | LTE Band 12 / 17_Ant 0 | Front | 24.5 | 0.188 | 24.5 | 0.188 | 25.5 | 0.130 | 25.5 | 0.130 | 0.318 |
| | | Back | 24.5 | 0.163 | 24.5 | 0.163 | 25.5 | 0.179 | 25.5 | 0.179 | 0.342 |
| | LTE Band 12 / 17_Ant 2 | Front | 24.5 | 0.188 | 24.5 | 0.188 | 25.5 | 0.066 | 25.5 | 0.066 | 0.254 |
| | | Back | 24.5 | 0.163 | 24.5 | 0.163 | 25.5 | 0.065 | 25.5 | 0.065 | 0.228 |
| LTE Band 12 / 17_Ant 0 | LTE Band 66 / 4_Ant 1 | Front | 25.5 | 0.130 | 25.5 | 0.130 | 25.5 | 0.180 | 25.5 | 0.180 | 0.310 |
| | | Back | 25.5 | 0.179 | 25.5 | 0.179 | 25.5 | 0.282 | 25.5 | 0.282 | 0.461 |
| | LTE Band 66 / 4_Ant 8 | Front | 25.5 | 0.130 | 25.5 | 0.130 | 24.5 | 0.188 | 24.5 | 0.188 | 0.318 |
| | | Back | 25.5 | 0.179 | 25.5 | 0.179 | 24.5 | 0.163 | 24.5 | 0.163 | 0.342 |
| LTE Band 12 / 17_Ant 2 | LTE Band 66 / 4_Ant 1 | Front | 25.5 | 0.066 | 25.5 | 0.066 | 25.5 | 0.180 | 25.5 | 0.180 | 0.246 |
| | | Back | 25.5 | 0.065 | 25.5 | 0.065 | 25.5 | 0.282 | 25.5 | 0.282 | 0.347 |
| | LTE Band 66 / 4_Ant 8 | Front | 25.5 | 0.066 | 25.5 | 0.066 | 24.5 | 0.188 | 24.5 | 0.188 | 0.254 |
| | | Back | 25.5 | 0.065 | 25.5 | 0.065 | 24.5 | 0.163 | 24.5 | 0.163 | 0.228 |



<Inter-band CA active with WLAN/BT Normal Mode>

Table with columns: WWAN Band, Exposure Position, PCC LTE Standalone Maximum Power (dBm), PCC LTE Standalone 1g SAR (W/kg), PCC Inter-Band CA Active Maximum Power, PCC LTE Estimated 1g SAR (W/kg), SCC LTE Standalone Maximum Power (dBm), SCC LTE Standalone 1g SAR (W/kg), SCC Inter-Band CA Active Maximum Power, SCC LTE Estimated 1g SAR (W/kg), 1g SAR (W/kg) for WLAN Ant 4, 2.4GHz WLAN Ant 5, Max 5GHz WLAN / WiFi 6E Ant 4, Max 5GHz WLAN / WiFi 6E Ant 5, 2.4GHz WLAN Ant 4+5, Bluetooth Ant 4, Bluetooth Ant 5, and 16 Summed 1g SAR (W/kg) categories (0-1 to 0+1+4+9).



<Inter-band CA active with WLAN/BT Camera Mode>

| WWAN Band | Exposure Position | PCC LTE Standalone Maximum Power (dBm) | PCC LTE Standalone 1g SAR (W/kg) | PCC Inter-Band CA Active Maximum Power | 0 | | PCC LTE Estimated 1g SAR (W/kg) | SCC LTE Standalone Maximum Power (dBm) | SCC LTE Standalone 1g SAR (W/kg) | SCC Inter-Band CA Active Maximum Power | SCC LTE Estimated 1g SAR (W/kg) | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0+1 Summed 1g SAR (W/kg) | 0+1+6+7 Summed 1g SAR (W/kg) | 0+1+2+5+9 Summed 1g SAR (W/kg) | 0+1+3+4+8 Summed 1g SAR (W/kg) | 0+1+7+8 Summed 1g SAR (W/kg) | 0+1+5+8 Summed 1g SAR (W/kg) | 0+1+4+9 Summed 1g SAR (W/kg) | | |
|------------------------|------------------------|----------------------------------------|----------------------------------|----------------------------------------|-------------------|-------------------|---------------------------------|----------------------------------------|----------------------------------|----------------------------------------|---------------------------------|-------------------------------|-------------------------------|---------------------|---------------------------------|-----------------|-----------------|---------------|---------------|---------------|--------------------------|------------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|---------------|---------------|
| | | | | | 2.4GHz WLAN Ant 6 | 2.4GHz WLAN Ant 5 | | | | | | Max 5GHz WLAN / WiFi 6E Ant 6 | Max 5GHz WLAN / WiFi 6E Ant 5 | 2.4GHz WLAN Ant 6+5 | Max 5GHz WLAN / WiFi 6E Ant 6+5 | Bluetooth Ant 6 | Bluetooth Ant 5 | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | | | | | | | | 1g SAR (W/kg) | 1g SAR (W/kg) |
| LTE Band 25 / 2_Ant 1 | LTE Band 26 / 5_Ant 0 | Front | 25.0 | 0.283 | 22.0 | 0.142 | 25.0 | 0.345 | 22.0 | 0.173 | 0.067 | 0.100 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.315 | 0.557 | 0.514 | 0.488 | 0.448 | 0.448 | 0.448 | 0.447 | 0.388 |
| | | Back | 25.0 | 0.399 | 22.0 | 0.200 | 25.0 | 0.415 | 22.0 | 0.208 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.408 | 1.587 | 0.991 | 1.572 | 1.453 | 1.459 | 0.821 | 1.482 | | | |
| | LTE Band 26 / 5_Ant 2 | Front | 25.0 | 0.283 | 22.0 | 0.142 | 25.5 | 0.167 | 22.5 | 0.084 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.226 | 0.468 | 0.425 | 0.399 | 0.359 | 0.359 | 0.358 | 0.299 | | | |
| | | Back | 25.0 | 0.399 | 22.0 | 0.200 | 25.5 | 0.162 | 22.5 | 0.081 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.281 | 1.460 | 0.864 | 1.445 | 1.326 | 1.332 | 0.694 | 1.355 | | | |
| | LTE Band 12 / 17_Ant 0 | Front | 25.0 | 0.283 | 22.0 | 0.142 | 25.5 | 0.130 | 22.5 | 0.065 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.207 | 0.449 | 0.406 | 0.380 | 0.340 | 0.340 | 0.339 | 0.280 | | | |
| | | Back | 25.0 | 0.399 | 22.0 | 0.200 | 25.5 | 0.179 | 22.5 | 0.090 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.290 | 1.469 | 0.873 | 1.454 | 1.335 | 1.341 | 0.703 | 1.364 | | | |
| | LTE Band 12 / 17_Ant 2 | Front | 25.0 | 0.283 | 22.0 | 0.142 | 25.5 | 0.066 | 22.5 | 0.033 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.175 | 0.417 | 0.374 | 0.348 | 0.308 | 0.308 | 0.307 | 0.248 | | | |
| | | Back | 25.0 | 0.399 | 22.0 | 0.200 | 25.5 | 0.065 | 22.5 | 0.033 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.233 | 1.412 | 0.816 | 1.397 | 1.278 | 1.254 | 0.646 | 1.307 | | | |
| LTE Band 25 / 2_Ant 8 | LTE Band 26 / 5_Ant 0 | Front | 25.5 | 0.306 | 22.5 | 0.153 | 25.0 | 0.345 | 22.0 | 0.173 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.326 | 0.568 | 0.525 | 0.499 | 0.459 | 0.459 | 0.458 | 0.399 | | | |
| | | Back | 25.5 | 0.234 | 22.5 | 0.117 | 25.0 | 0.415 | 22.0 | 0.208 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.325 | 1.504 | 0.908 | 1.489 | 1.370 | 1.376 | 0.738 | 1.399 | | | |
| | LTE Band 26 / 5_Ant 2 | Front | 25.5 | 0.306 | 25.5 | 0.306 | 25.5 | 0.167 | 25.5 | 0.167 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.473 | 0.715 | 0.672 | 0.646 | 0.606 | 0.606 | 0.605 | 0.546 | | | |
| | | Back | 25.5 | 0.234 | 25.5 | 0.234 | 25.5 | 0.162 | 25.5 | 0.162 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.396 | 1.575 | 0.979 | 1.560 | 1.441 | 1.447 | 0.809 | 1.470 | | | |
| | LTE Band 12 / 17_Ant 0 | Front | 25.5 | 0.306 | 25.5 | 0.306 | 25.5 | 0.130 | 25.5 | 0.130 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.436 | 0.678 | 0.635 | 0.609 | 0.569 | 0.569 | 0.568 | 0.509 | | | |
| | | Back | 25.5 | 0.234 | 25.5 | 0.234 | 25.5 | 0.179 | 25.5 | 0.179 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.413 | 1.592 | 0.996 | 1.577 | 1.458 | 1.464 | 0.826 | 1.487 | | | |
| | LTE Band 12 / 17_Ant 2 | Front | 25.5 | 0.306 | 25.5 | 0.306 | 25.5 | 0.066 | 25.5 | 0.066 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.372 | 0.614 | 0.571 | 0.545 | 0.505 | 0.504 | 0.504 | 0.445 | | | |
| | | Back | 25.5 | 0.234 | 25.5 | 0.234 | 25.5 | 0.065 | 25.5 | 0.065 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.299 | 1.478 | 0.882 | 1.463 | 1.344 | 1.350 | 0.712 | 1.373 | | | |
| LTE Band 66 / 4_Ant 1 | LTE Band 26 / 5_Ant 0 | Front | 25.5 | 0.180 | 22.5 | 0.090 | 25.0 | 0.345 | 22.0 | 0.173 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.263 | 0.505 | 0.462 | 0.436 | 0.396 | 0.396 | 0.395 | 0.336 | | | |
| | | Back | 25.5 | 0.282 | 22.5 | 0.141 | 25.0 | 0.415 | 22.0 | 0.208 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.349 | 1.528 | 0.932 | 1.513 | 1.394 | 1.400 | 0.762 | 1.423 | | | |
| | LTE Band 26 / 5_Ant 2 | Front | 25.5 | 0.180 | 22.5 | 0.090 | 25.5 | 0.167 | 22.5 | 0.084 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.174 | 0.416 | 0.373 | 0.347 | 0.307 | 0.307 | 0.306 | 0.247 | | | |
| | | Back | 25.5 | 0.282 | 22.5 | 0.141 | 25.5 | 0.162 | 22.5 | 0.081 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.223 | 1.402 | 0.806 | 1.387 | 1.268 | 1.274 | 0.636 | 1.297 | | | |
| | LTE Band 12 / 17_Ant 0 | Front | 25.5 | 0.180 | 22.5 | 0.090 | 25.5 | 0.130 | 22.5 | 0.065 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.155 | 0.397 | 0.354 | 0.328 | 0.288 | 0.288 | 0.287 | 0.228 | | | |
| | | Back | 25.5 | 0.282 | 22.5 | 0.141 | 25.5 | 0.179 | 22.5 | 0.090 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.231 | 1.410 | 0.814 | 1.395 | 1.276 | 1.276 | 0.644 | 1.305 | | | |
| | LTE Band 12 / 17_Ant 2 | Front | 25.5 | 0.180 | 25.5 | 0.180 | 25.5 | 0.066 | 25.5 | 0.066 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.246 | 0.488 | 0.445 | 0.419 | 0.379 | 0.379 | 0.378 | 0.319 | | | |
| | | Back | 25.5 | 0.282 | 25.5 | 0.282 | 25.5 | 0.065 | 25.5 | 0.065 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.347 | 1.526 | 0.930 | 1.511 | 1.392 | 1.398 | 0.760 | 1.421 | | | |
| LTE Band 66 / 4_Ant 8 | LTE Band 26 / 5_Ant 0 | Front | 24.5 | 0.188 | 21.5 | 0.094 | 25.0 | 0.345 | 22.0 | 0.173 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.267 | 0.509 | 0.466 | 0.440 | 0.400 | 0.400 | 0.399 | 0.340 | | | |
| | | Back | 24.5 | 0.163 | 21.5 | 0.082 | 25.0 | 0.415 | 22.0 | 0.208 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.290 | 1.469 | 0.873 | 1.454 | 1.335 | 1.341 | 0.703 | 1.364 | | | |
| | LTE Band 26 / 5_Ant 2 | Front | 24.5 | 0.188 | 24.5 | 0.188 | 25.5 | 0.167 | 25.5 | 0.167 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.355 | 0.597 | 0.554 | 0.528 | 0.488 | 0.488 | 0.487 | 0.428 | | | |
| | | Back | 24.5 | 0.163 | 24.5 | 0.163 | 25.5 | 0.162 | 25.5 | 0.162 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.325 | 1.504 | 0.908 | 1.489 | 1.370 | 1.376 | 0.738 | 1.399 | | | |
| | LTE Band 12 / 17_Ant 0 | Front | 24.5 | 0.188 | 24.5 | 0.188 | 25.5 | 0.130 | 25.5 | 0.130 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.318 | 0.560 | 0.517 | 0.491 | 0.451 | 0.451 | 0.450 | 0.391 | | | |
| | | Back | 24.5 | 0.163 | 24.5 | 0.163 | 25.5 | 0.179 | 25.5 | 0.179 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.342 | 1.521 | 0.925 | 1.506 | 1.387 | 1.393 | 0.755 | 1.416 | | | |
| | LTE Band 12 / 17_Ant 2 | Front | 24.5 | 0.188 | 24.5 | 0.188 | 25.5 | 0.066 | 25.5 | 0.066 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.254 | 0.496 | 0.453 | 0.427 | 0.387 | 0.387 | 0.386 | 0.327 | | | |
| | | Back | 24.5 | 0.163 | 24.5 | 0.163 | 25.5 | 0.065 | 25.5 | 0.065 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.228 | 1.407 | 0.811 | 1.392 | 1.273 | 1.279 | 0.641 | 1.302 | | | |
| LTE Band 12 / 17_Ant 0 | LTE Band 66 / 4_Ant 1 | Front | 25.5 | 0.130 | 22.5 | 0.065 | 25.5 | 0.180 | 22.5 | 0.090 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.155 | 0.397 | 0.354 | 0.328 | 0.288 | 0.288 | 0.287 | 0.228 | | | |
| | | Back | 25.5 | 0.179 | 22.5 | 0.090 | 25.5 | 0.282 | 22.5 | 0.141 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.231 | 1.410 | 0.814 | 1.395 | 1.276 | 1.282 | 0.644 | 1.305 | | | |
| | LTE Band 66 / 4_Ant 8 | Front | 25.5 | 0.130 | 25.5 | 0.130 | 24.5 | 0.188 | 24.5 | 0.188 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.318 | 0.560 | 0.517 | 0.491 | 0.451 | 0.451 | 0.450 | 0.391 | | | |
| | | Back | 25.5 | 0.179 | 25.5 | 0.179 | 24.5 | 0.163 | 24.5 | 0.163 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.342 | 1.521 | 0.925 | 1.506 | 1.387 | 1.393 | 0.755 | 1.416 | | | |
| LTE Band 12 / 17_Ant 2 | LTE Band 66 / 4_Ant 1 | Front | 25.5 | 0.066 | 25.5 | 0.066 | 25.5 | 0.180 | 25.5 | 0.180 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.246 | 0.488 | 0.445 | 0.419 | 0.379 | 0.379 | 0.378 | 0.319 | | | |
| | | Back | 25.5 | 0.065 | 25.5 | 0.065 | 25.5 | 0.282 | 25.5 | 0.282 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.347 | 1.526 | 0.930 | 1.511 | 1.392 | 1.398 | 0.760 | 1.421 | | | |
| | LTE Band 66 / 4_Ant 8 | Front | 25.5 | 0.066 | 25.5 | 0.066 | 24.5 | 0.188 | 24.5 | 0.188 | 0.067 | 0.100 | 0.072 | 0.131 | 0.110 | 0.132 | 0.001 | 0.001 | 0.254 | 0.496 | 0.453 | 0.427 | 0.387 | 0.387 | 0.386 | 0.327 | | | |
| | | Back | 25.5 | 0.065 | 25.5 | 0.065 | 24.5 | 0.163 | 24.5 | 0.163 | 0.164 | 0.096 | 1.016 | 0.361 | 0.186 | 0.993 | 0.052 | 0.058 | 0.228 | 1.407 | 0.811 | 1. | | | | | | | |



17. Supplemental Antenna tuner tests results

General Note:

1. This device implements antenna tuning techniques in the antenna0 for GSM850, UMTS B5, LTE 5/12/13/17/26/71 and 5G FR1 n5/12/71. SAR test proposal was measured according to the normally required SAR configurations with the tuner active and worst tune state (auto tune) was used for SAR testing and this design will provide the highest power at different user scenarios and would not influence to the antenna characteristics other than impedance matching.
2. The following test procedure was followed to demonstrate that the SAR results in this report represent the appropriate SAR test conditions. For bands with dynamic tuning implemented, SAR will be measured according to the required FCC SAR test procedures with the dynamic tuner active to allow the device to automatically tune to the antenna state for the respective RF exposure test configurations. Additional single point SAR time-sweep measurements will be evaluated for other tuner states to determine that the other tuner configurations would result in equivalent or lower SAR values.
3. To evaluate all of the tuner states, the 144 tuner states are divided evenly among band, mode and exposure combinations so that at least one single point SAR measurement is measured in each configuration. Single point time-sweep measurements will be performed at the peak SAR location determined by the zoom scan of the configuration with the highest reported SAR for each combination. The tuner state will be established remotely so that the device is not moved for the entire series of single point SAR for the tuner states in each combination. The SAR probe will remain stationary at the same position throughout the entire series of single point measurements for each combination.
4. The device supports LTE B5/B26/B12/B17. Since the supported frequency span for LTE B5/B17 falls completely within the supported frequency span for LTE B26/B12, and both bands have the same target power and both LTE bands share the same transmission path, therefore standalone SAR was only assessed for LTE B26/B12. The single point SAR time-sweep measurements were treated independently for each supported ACL frequency band. For the LTE B5/B17 single point SAR measurement selected the highest measured SAR configuration and exposure condition of LTE B26/B12.
5. The tuner state was established remotely through Wi-Fi so that the device is not moved for the entire series of single point SAR for the tuner states in each combination (band, mode, exposure conditions).

17.1 Supplemental Head SAR results

| Band | Mode | Channel | Test Position | Measured 1g SAR (W/kg) | Auto-Tune (State 3) | 0 | 9 | 18 | 27 | 36 | 45 | 54 | 63 | 72 | 81 | 90 | 99 | 108 | 117 | 126 | 135 | |
|-------------|-------------------|---------|---------------|------------------------|-----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | | | | | 1 | 10 | 19 | 28 | 37 | 46 | 55 | 64 | 73 | 82 | 91 | 100 | 109 | 118 | 127 | 136 | |
| GSM850 | GPRS (2 Tx slots) | 251 | Right Cheek | 0.144 | 0.154 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |
| Band | Mode | Channel | Test Position | Measured 1g SAR (W/kg) | Auto-Tune (State 75) | 1 | 10 | 19 | 28 | 37 | 46 | 55 | 64 | 73 | 82 | 91 | 100 | 109 | 118 | 127 | 136 | |
| WCDMA V | RMC 12.2Kbps | 4233 | Right Cheek | 0.064 | 0.069 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |
| Band | Mode | Channel | Test Position | Measured 1g SAR (W/kg) | Auto-Tune (State 115) | 2 | 11 | 20 | 29 | 38 | 47 | 56 | 65 | 74 | 83 | 92 | 101 | 110 | 119 | 128 | 137 | |
| LTE Band 12 | 10M_QPSK_1_0 | 23095 | Right Cheek | 0.083 | 0.089 | 0.001 | 0.001 | 0.001 | 0.001 | 0.062 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.083 | 0.080 | 0.001 | 0.001 | 0.001 |
| Band | Mode | Channel | Test Position | Measured 1g SAR (W/kg) | Auto-Tune (State 34) | 3 | 12 | 21 | 30 | 39 | 48 | 57 | 66 | 75 | 84 | 93 | 102 | 111 | 120 | 129 | 138 | |
| LTE Band 13 | 10M_QPSK_1_49 | 23230 | Right Cheek | 0.079 | 0.085 | 0.001 | 0.080 | 0.078 | 0.001 | 0.001 | 0.001 | 0.067 | 0.001 | 0.001 | 0.075 | 0.072 | 0.001 | 0.001 | 0.064 | 0.064 | 0.001 | 0.001 |
| Band | Mode | Channel | Test Position | Measured 1g SAR (W/kg) | Auto-Tune (State 75) | 4 | 13 | 22 | 31 | 40 | 49 | 58 | 67 | 76 | 85 | 94 | 103 | 112 | 121 | 130 | 139 | |
| LTE Band 26 | 15M_QPSK_1_37 | 26865 | Right Cheek | 0.099 | 0.100 | 0.067 | 0.072 | 0.062 | 0.001 | 0.093 | 0.09 | 0.082 | 0.059 | 0.095 | 0.092 | 0.082 | 0.056 | 0.06 | 0.067 | 0.068 | 0.069 | 0.069 |
| Band | Mode | Channel | Test Position | Measured 1g SAR (W/kg) | Auto-Tune (State 113) | 5 | 14 | 23 | 32 | 41 | 50 | 59 | 68 | 77 | 86 | 95 | 104 | 113 | 122 | 131 | 140 | |
| LTE Band 71 | 20M_QPSK_1_99 | 133322 | Right Cheek | 0.068 | 0.070 | 0.001 | 0.052 | 0.068 | 0.001 | 0.067 | 0.059 | 0.063 | 0.001 | 0.052 | 0.063 | 0.057 | 0.001 | 0.7 | 0.065 | 0.064 | 0.053 | 0.053 |
| Band | Mode | Channel | Test Position | Measured 1g SAR (W/kg) | Auto-Tune (State 7) | 6 | 15 | 24 | 33 | 42 | 51 | 60 | 69 | 78 | 87 | 96 | 105 | 114 | 123 | 132 | 141 | |
| FR1 n5 | 20M_BPSK_1_1 | 167300 | Right Cheek | 0.025 | 0.026 | 0.025 | 0.007 | 0.025 | 0.016 | 0.016 | 0.016 | 0.016 | 0.024 | 0.016 | 0.016 | 0.007 | 0.024 | 0.016 | 0.007 | 0.016 | 0.025 | 0.025 |
| Band | Mode | Channel | Test Position | Measured 1g SAR (W/kg) | Auto-Tune (State 97) | 7 | 16 | 25 | 34 | 43 | 52 | 61 | 70 | 79 | 88 | 97 | 106 | 115 | 124 | 133 | 142 | |
| FR1 n12 | 15M_BPSK_1_1 | 141500 | Right Cheek | 0.069 | 0.075 | 0.044 | 0.073 | 0.044 | 0.035 | 0.063 | 0.035 | 0.016 | 0.063 | 0.006 | 0.073 | 0.054 | 0.044 | 0.016 | 0.035 | 0.035 | 0.035 | 0.035 |
| Band | Mode | Channel | Test Position | Measured 1g SAR (W/kg) | Auto-Tune (State 72) | 8 | 17 | 26 | 35 | 44 | 53 | 62 | 71 | 80 | 89 | 98 | 107 | 116 | 125 | 134 | 143 | |
| FR1 n71 | 20M_BPSK_50_28 | 136100 | Right Cheek | 0.078 | 0.079 | 0.052 | 0.078 | 0.072 | 0.015 | 0.015 | 0.025 | 0.044 | 0.025 | 0.025 | 0.044 | 0.072 | 0.078 | 0.077 | 0.072 | 0.063 | 0.063 | 0.063 |



17.2 Supplemental Body SAR results

| Band | Mode | Channel | Test Position | Measured 1g SAR (W/kg) | Auto-Tune (State 3) | 0 | 9 | 18 | 27 | 36 | 45 | 54 | 63 | 72 | 81 | 90 | 99 | 108 | 117 | 126 | 135 | |
|-------------|-------------------|---------|---------------|------------------------|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | | | | | 1 | 10 | 19 | 28 | 37 | 46 | 55 | 64 | 73 | 82 | 91 | 100 | 109 | 118 | 127 | 136 | |
| GSM850 | GPRS (2 Tx slots) | 251 | Back_15mm | 0.515 | 0.489 | 0.305 | 0.215 | 0.104 | 0.057 | 0.057 | 0.053 | 0.043 | 0.001 | 0.08 | 0.071 | 0.062 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |
| WCDMA V | RMC 12.2Kbps | 4233 | Back_10mm | 0.471 | 0.387 | 0.169 | 0.214 | 0.189 | 0.127 | 0.001 | 0.044 | 0.041 | 0.001 | 0.105 | 0.139 | 0.136 | 0.093 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |
| LTE Band 12 | 10M_QPSK_1_0 | 23095 | Back_10mm | 0.292 | 0.333 | 0.045 | 0.001 | 0.001 | 0.001 | 0.132 | 0.122 | 0.09 | 0.001 | 0.08 | 0.072 | 0.051 | 0.001 | 0.13 | 0.136 | 0.1 | 0.045 | 0.045 |
| LTE Band 13 | 10M_QPSK_1_49 | 23230 | Back_10mm | 0.386 | 0.308 | 0.118 | 0.192 | 0.172 | 0.096 | 0.103 | 0.173 | 0.163 | 0.09 | 0.112 | 0.186 | 0.172 | 0.095 | 0.093 | 0.157 | 0.148 | 0.083 | 0.083 |
| LTE Band 26 | 15M_QPSK_1_37 | 26865 | Back_10mm | 0.433 | 0.448 | 0.306 | 0.305 | 0.271 | 0.174 | 0.361 | 0.322 | 0.31 | 0.248 | 0.448 | 0.384 | 0.345 | 0.219 | 0.201 | 0.233 | 0.244 | 0.263 | 0.263 |
| LTE Band 71 | 20M_QPSK_1_0 | 133322 | Back_10mm | 0.262 | 0.249 | 0.064 | 0.124 | 0.099 | 0.045 | 0.236 | 0.212 | 0.173 | 0.097 | 0.125 | 0.179 | 0.137 | 0.066 | 0.216 | 0.221 | 0.201 | 0.149 | 0.149 |
| FR1 n5 | 20M_BPSK_50_28 | 167300 | Back_10mm | 0.231 | PDF 0.285 | 0.245 | 0.273 | 0.235 | 0.169 | 0.245 | 0.054 | 0.207 | 0.273 | 0.093 | 0.064 | 0.273 | 0.121 | 0.102 | 0.283 | 0.188 | 0.112 | 0.112 |
| FR1 n12 | 15M_BPSK_1_1 | 141500 | Back_10mm | 0.310 | PDF 0.375 | 0.04 | 0.363 | 0.04 | 0.087 | 0.24 | 0.04 | 0.363 | 0.24 | 0.068 | 0.125 | 0.144 | 0.287 | 0.078 | 0.202 | 0.287 | 0.068 | 0.068 |
| FR1 n71 | 20M_BPSK_50_28 | 136100 | Back_10mm | 0.258 | PDF 0.316 | 0.104 | 0.047 | 0.314 | 0.095 | 0.143 | 0.066 | 0.133 | 0.057 | 0.171 | 0.181 | 0.133 | 0.238 | 0.295 | 0.2 | 0.295 | 0.133 | 0.133 |

Test Engineer : Hoodie HuZeng, Lemon Su, Luke Lee, Jerry Hsu, Ginger Chiang and Jeff Tsao



18. Uncertainty Assessment

Per KDB 865664 D01 SAR measurement 100MHz to 6GHz, when the highest measured 1-g SAR within a frequency band is < 1.5 W/kg and the measured 10-g SAR within a frequency band is < 3.75 W/kg. The expanded SAR measurement uncertainty must be $\leq 30\%$, for a confidence interval of $k = 2$. If these conditions are met, extensive SAR measurement uncertainty analysis described in IEEE Std 1528-2013 is not required in SAR reports submitted for equipment approval. For this device, the highest measured 1-g SAR is less 1.5W/kg and highest measured 10-g SAR is less 3.75W/kg. Therefore, the measurement uncertainty table is not required in this report.

Declaration of Conformity:

The test results with all measurement uncertainty excluded is presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.



19. References

- [1] FCC 47 CFR Part 2 "Frequency Allocations and Radio Treaty Matters; General Rules and Regulations"
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- [3] IEEE Std. 1528-2013, "IEEE Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", Sep 2013
- [4] SPEAG DASY System Handbook
- [5] FCC KDB 248227 D01 v02r02, "SAR Guidance for IEEE 802.11 (WiFi) Transmitters", Oct 2015.
- [6] FCC KDB 447498 D01 v06, "Mobile and Portable Device RF Exposure Procedures and Equipment Authorization Policies", Oct 2015
- [7] FCC KDB 648474 D04 v01r03, "SAR Evaluation Considerations for Wireless Handsets", Oct 2015.
- [8] FCC KDB 941225 D01 v03r01, "3G SAR MEAUREMENT PROCEDURES", Oct 2015
- [9] FCC KDB 941225 D05 v02r05, "SAR Evaluation Considerations for LTE Devices", Dec 2015
- [10] FCC KDB 941225 D05A v01r02, "Rel. 10 LTE SAR Test Guidance and KDB Inquiries", Oct 2015
- [11] FCC KDB 941225 D06 v02r01, "SAR Evaluation Procedures for Portable Devices with Wireless Router Capabilities", Oct 2015.
- [12] FCC KDB 941225 D07 v01r02, " SAR Evaluation Procedures for UMPC Mini-Tablet Devices", Oct 2015.
- [13] FCC KDB 865664 D01 v01r04, "SAR Measurement Requirements for 100 MHz to 6 GHz", Aug 2015.
- [14] FCC KDB 865664 D02 v01r02, "RF Exposure Compliance Reporting and Documentation Considerations" Oct 2015.