FCC ID : **S7A-SP45**

Standalone SAR test exclusion considerations

November 24, 2017

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- Device category = Portable device  Mobile device
                       Single Transmitting
- Transmitting mode =
                                                  Simultaneous Transmitting
- Max. transmitting frequency =
- Min. test separation distance =
                                  15
                                       mm
- Max. Antenna Gain =
                         0.535 dBi
                                    8.50 dBm =
                                                                                      Max. 8.50 dBm )
- Max. power with turn-up tolerance =
                                                          mW ( Typical Power =
                                                     7.1
Note. 2.4GHz WLAN
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KDB 447498 D01 clasue 4.3.1 Step 1) SAR test exclusion thresholds for 100MHz to 6GHz at test separationn distances ≤ 50 mm

[(max. power of channel, including tune-up tolerance, mW) / (min. test separation distance, mm)] \cdot [$\sqrt{f(GHz)}$] \leq 3.0 for 1g SAR and \leq 7.5 for 10g extremity SAR = [(7.1mW / 15mm)] X [$\sqrt{2.412GHz}$] = 0.7

Note. The calculation result was rounded to one decimal place for comparison.

→ SAR evaluation for general population exposure conditions by measurement or numerical simulation is not required.