FCC ID :

S7A-SP22 8154A-SP22

## Standalone SAR test exclusion considerations

May 20, 2015

```
- Min. transmitting frequency = 2480 MHz

- Min. test separation distance = 30 mm

- Max. power with turn-up tolerance = 8.50 dBm = 8 mW

Typical Power: 6.00 dBm ± 2.50 dB

Measured Average Power: 8.21 dBm
```

Step 1) SAR test exclusion thresholds for 100MHz to 6GHz at test separation distances ≤ 50 mm = Used

[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)] · [√f(GHz)]

= [ 8.00 / 30 ] \* [ √ 2.48 ]

= 0.42 ≤ 3, for 1g SAR

Thus SAR for this device is not required.

Step 2-1) SAR test exclusion thresholds for 100MHz to 1500MHz at test separation distances > 50 mm = N/A [Threshold at 50 mm in step 1) + (test separation distance - 50 mm)·( f(MHz)/150)] mW

Step 2-2) SAR test exclusion thresholds for 1500MHz to 6GHz at test separationn distances > 50 mm = N/A [Threshold at 50 mm in step 1) + (test separation distance - 50 mm)·10] mW