

RF Exposure Evaluation Report

1 RF EXPOSURE

Product Name	Bluetooth Headset
Model No.	TrueShift2,SP1013A,SP1013B,SP1013C,SP1013D, SP1013E,SP1013F,SP1013G,SP1013H,SP1013I
Test Mode	TX
FCC ID	2AFTU-DD007

1.1 LIMITS

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:

$$\left[\frac{\text{(max. power of channel, including tune-up tolerance, mW)}}{\text{(min. test separation distance, mm)}} \right] \cdot \sqrt{f(\text{GHz})} \leq 3.0 \text{ for 1-g SAR and } \leq 7.5 \text{ for 10-g extremity SAR, where}$$

- ☐ $f(\text{GHz})$ is the RF channel transmit frequency in GHz
- ☐ Power and distance are rounded to the nearest mW and mm before calculation¹⁷
- ☐ The result is rounded to one decimal place for comparison

The test exclusions are applicable only when the minimum test separation distance is ≤ 50 mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion

1.2 EUT RF EXPOSURE EVALUATION

Operational Mode: EDR (8-DPSK worst case)						
Channel	Maximum Peak Conducted Output Power (dBm)	Tune up tolerance (dB)	Maximum tune-up Power(dB m)	Maximum tune-up Power(mW)	Calculated value	Exclusion threshold
2402MHz	1.57	± 1	2.57	1.81	0.56	3
2441MHz	1.97	± 1	2.97	1.98	0.62	3
2480MHz	2.60	± 1	3.6	2.29	0.71	3
Conclusion: the calculated value ≤3.0, SAR is exempted.						