FCC ID : 2AB4KMTYH8129

➢ Test Standards and Limits

1. According to KDB 447498 D01 v06, Section 4.3.1

2. FCC Radiofrequency radiation exposure 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:

[(max power of channel)/(min test separation distance)]*[√f(GHz)] ≤ 3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR, where

• f(GHz) is the RF channel transmit frequency in GHz
• Power and distance are rounded to the nearest mW and mm
• The result is rounded to one decimal place for comparison
• 3.0 and 7.5 are referred to as the numeric thresholds

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 according to 4.1 f) is applied to determine SAR test exclusion.

We use 5mm as separation distance to calculate.

➢ Measurement and Calculation

1. Maximum transmit power

BT antenna gain：-0.58 dBi

Transmit Frequency (GHz)	Mode	Max Conducted Power (dBm)	tune up maximum power(dBm)	Result calculation	1-g SAR
2.402	DH5	-5.06	0	0.310	3
2.441	DH5	-3.98	0	0.312	3
2.480	DH5	-3.45	0	0.315	3
2.402	2DH5	-2.49	0	0.310	3
2.441	2DH5	-1.36	0	0.312	3
2.480	2DH5	-0.9	0	0.315	3
2.402	3DH5	-1.85	0	0.310	3
2.441	3DH5	-0.75	0	0.312	3
2.480	3DH5	-0.23	0	0.315	3

2. MPE Calculation

For the max result : 0.315≤ 3.0 for 1-g SAR extremity SAR, No SAR is required.

-End of the Report-