RF exposure

According to 447498 D01 General RF Exposure Guidance v06

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

[(*max. power of channel, including tune-up tolerance, mW*)/(*min. test separation distance, mm*)] ·[√*f(*㎓*)*] ≤ *3.0 for 1-g SAR* and ≤ *7.5 for 10-g extremity SAR*,

Where;

f(㎓) is the RF channel transmit frequency in ㎓

Power and distance are rounded to the nearest ㎽ and *mm* before calculation

The result is rounded to one decimal place for comparison

Results – Bluetooth 3.0

- BDR (1Mbps)

Frequency (㎓)	Distance (mm)	Max tune-up power (㏈m)		Calculation value	Exclusion Threshold
		(㏈m)	(㎽)		
2.402	5	-6.0	0.3	0.1	≤3.0
2.441	5	-3.0	0.5	0.2	≤3.0
2.480	5	-3.0	0.5	0.2	≤3.0

- EDR (2Mbps)

Frequency (㎓)	Distance (mm)	Max tune-up power (㏈m)		Calculation value	Exclusion Threshold
		(㏈m)	(㎽)		
2.402	5	-6.0	0.3	0.1	≤3.0
2.441	5	-3.0	0.5	0.2	≤3.0
2.480	5	-3.0	0.5	0.2	≤3.0

- EDR (3Mbps)

Frequency (㎓)	Distance (mm)	Max tune-up power (㏈m)		Calculation value	Exclusion Threshold
		(㏈m)	(㎽)		
2.402	5	-6.0	0.3	0.1	≤3.0
2.441	5	-3.0	0.5	0.2	≤3.0
2.480	5	-3.0	0.5	0.2	≤3.0