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

-802.11b

Frequency (㎓)	Distance (mm)	Max tune-up power		Calculation value	Exclusion Threshold
		(dBm)	(㎽)		
2.412	5	8	6.31	1.96	≤3.0
2.437	5	8	6.31	1.97	≤3.0
2.462	5	8	6.31	1.98	≤3.0

-802.11g

Frequency (㎓)	Distance (mm)	Max tune-up power		Calculation value	Exclusion Threshold
		(dBm)	(㎽)		
2.412	5	7	5.01	1.56	≤3.0
2.437	5	7	5.01	1.56	≤3.0
2.462	5	7	5.01	1.57	≤3.0

-802.11n(HT20)

Frequency (㎓)	Distance (mm)	Max tune-up power		Calculation value	Exclusion Threshold
		(dBm)	(㎽)		
2.412	5	7	5.01	1.56	≤3.0
2.437	5	7	5.01	1.56	≤3.0
2.462	5	7	5.01	1.57	≤3.0

-802.11n(HT40)

Frequency (㎓)	Distance (mm)	Max tune-up power		Calculation value	Exclusion Threshold
		(dBm)	(㎽)		
2.422	5	7	5.01	1.56	≤3.0
2.437	5	7	5.01	1.56	≤3.0
2.452	5	7	5.01	1.57	≤3.0