RF Exposure Evaluation

According to *KDB 447498 D01 General RF Exposure Guidance v06* and part 2.1093，
Unless specifically required by the *published RF exposure KDB procedures*, standalone
1-g head or body and 10-g extremity SAR evaluation for general population exposure
conditions, by measurement or numerical simulation, is not required when the
corresponding *SAR Test Exclusion Threshold* condition(s), listed below, is (are) satisfied.

For 100 MHz to 6 GHz and test separation distances ≤ 5 mm, the 1-g and 10-g SAR test
exclusion thresholds are determined by the following:
[(max. power of channel, including tune-up tolerance, mW) / (min. test separation distance,
mm)] · [$\sqrt{f_{(GHz)}}$] ≤ 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 before calculation
The result is rounded to one decimal place for comparison

Here,

	Mode	Frequency (MHz)	Max Power (dBm)	Target power W/ tolerance (dBm)	Max tune up power tolerance (dBm)	Max Power (mW)	limit
BR	GFSK	2402	0.45	1±1	2	0.4913	3.0
		2441	-0.26	0±1	1	0.3934	3.0
		2480	-0.84	0±1	1	0.3965	3.0
EDR	π/4-DQPSK	2402	1.15	2±1	3	0.6185	3.0
		2441	0.47	1±1	2	0.4952	3.0
		2480	-0.19	0±1	1	0.3965	3.0

Conclusion:

For the max result: 0.6185≤ 3.0 for 1g SAR test exclusion threshold, No SAR is required.