Test Result of RF Exposure Evaluation

According to the KDB-447498 D01 V05, the following RF exposure evaluation shall to demonstrate RF exposure compliance.

[(max. power of channel, including tune-up tolerance, mW) / (min. test separation distance,mm)] $* [\sqrt{f(GHz)}]$

	Frequency	Target power	Max tune up	Maximum	Separation	RF
	MHz	W/ tolerance	power tolerance	Output Power:	distance	exposure
		(dBm)	(dBm)	mW	mm	
FHSS	2402	1 ±1.0	2.0	1.58	5	0.49
BLE (GFSK)	2402	1 ±1.0	2.0	1.58	5	0.49

The Max RF exposure is 0.49.

Threshold at which no SAR required is ≤ 3.0 for 1-g SAR, Separation distance is 5mm.

Conclusion:

so no SAR is required.