SAR Exclusion Letter

According to KDB 447498 section 4.3.1, the 1-g SAR test exclusion thresholds at test separation distance ≤ 50 mm are determined by:

[(max. power of channel, including tune-up tolerance, mW) / (min. test separation distance, mm)] *·[√f(GHz)] ≤ 3.0

The tune-up power is 2.55 dBm , therefore the highest tune-up power is

2.55 dBm   (1.80 mW)   @ 2480 MHz

When the minimum *test separation distance* is < 5 mm, a distance of 5 mm according to 5) in section 4.1 is applied to determine SAR test exclusion.

So,

(1.8mW / 5mm) * (2.48GHz ^0.5)= 0.567

[(max. power of channel, including tune-up tolerance, mW) / (min. test separation distance, mm)] * [√f(GHz)] = 0.567< 3.0

Therefore, SAR are not required