RF Exposure evaluation

According to 447498 D04 Interim General RF Exposure Guidance v01

$$P_{th}\ (mW) = ERP_{20\ cm}\ (mW) = \begin{cases} 2040f & 0.3\ GHz \le f < 1.5\ GHz \\ 3060 & 1.5\ GHz \le f \le 6\ GHz \end{cases} \qquad (B.1)$$

$$P_{th}\ (mW) = \begin{cases} ERP_{20\ cm}(d/20\ cm)^x & d \le 20\ cm \\ ERP_{20\ cm} & 20\ cm < d \le 40\ cm \end{cases} \qquad (B.2)$$

where

$$x = -\log_{10}\left(\frac{60}{ERP_{20\ cm}\sqrt{f}}\right)$$

and f is in GHz, d is the separation distance (cm), and ERP_{20cm} is per Formula (B.1).
The example values shown in Table B.2 are for illustration only.

Table B.2—Example Power Thresholds (mW)

Frequency (MHz)	Distance (mm)									
	5	10	15	20	25	30	35	40	45	50
300	39	65	88	110	129	148	166	184	201	217
450	22	44	67	89	112	135	158	180	203	226
835	9	25	44	66	90	116	145	175	207	240
1900	3	12	26	44	66	92	122	157	195	236
2450	3	10	22	38	59	83	111	143	179	219
3600	2	8	18	32	49	71	96	125	158	195
5800	1	6	14	25	40	58	80	106	136	169

Frequency (MHz)	Max conducted power (dBm)	Antenna gain (dBi)	ERP (dBm)	ERP (mW)	Min distance (cm)	Limit (mW)
2480	-0.61	1.75	-1.01	0.79	0.5	2.7

Then SAR evaluation is not required