According to 447498 D04 Interim General RF Exposure Guidance v01

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

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

where

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

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.

		iore Bi		-			ionas (ii)		
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
	450 835 1900 2450 3600	5 300 39 450 22 835 9 1900 3 2450 3 3600 2	5 10 300 39 65 450 22 44 835 9 25 1900 3 12 2450 3 10 3600 2 8	5 10 15 300 39 65 88 450 22 44 67 835 9 25 44 1900 3 12 26 2450 3 10 22 3600 2 8 18	5 10 15 20 300 39 65 88 110 450 22 44 67 89 835 9 25 44 66 1900 3 12 26 44 2450 3 10 22 38 3600 2 8 18 32	5 10 15 20 25 300 39 65 88 110 129 450 22 44 67 89 112 835 9 25 44 66 90 1900 3 12 26 44 66 2450 3 10 22 38 59 3600 2 8 18 32 49	Distance (mm) 5 10 15 20 25 30 300 39 65 88 110 129 148 450 22 44 67 89 112 135 835 9 25 44 66 90 116 1900 3 12 26 44 66 92 2450 3 10 22 38 59 83 3600 2 8 18 32 49 71	Distance (mm) 5 10 15 20 25 30 35 300 39 65 88 110 129 148 166 450 22 44 67 89 112 135 158 835 9 25 44 66 90 116 145 1900 3 12 26 44 66 92 122 2450 3 10 22 38 59 83 111 3600 2 8 18 32 49 71 96	Distance (mm) 5 10 15 20 25 30 35 40 300 39 65 88 110 129 148 166 184 450 22 44 67 89 112 135 158 180 835 9 25 44 66 90 116 145 175 1900 3 12 26 44 66 92 122 157 2450 3 10 22 38 59 83 111 143 3600 2 8 18 32 49 71 96 125	5 10 15 20 25 30 35 40 45 300 39 65 88 110 129 148 166 184 201 450 22 44 67 89 112 135 158 180 203 835 9 25 44 66 90 116 145 175 207 1900 3 12 26 44 66 92 122 157 195 2450 3 10 22 38 59 83 111 143 179 3600 2 8 18 32 49 71 96 125 158

Table B.2-Example Power Thresholds (mW)

```
eirp = pt x gt = (EXd)^{2}/30
where:
pt = transmitter output power in watts,
gt = numeric gain of the transmitting antenna (unitless),
E = electric field strength in V/m, --- 10^{((dBuV/m)/20)}/10^{6}
d = measurement distance in meters (m)---3m
Sopt = (EXd)^{2}/30 x gt
Ant gain = -0.3 dBi [-2.45dBd(0.57) ]
Field strength = 85.39 dBµV/m @3m @5847MHz
So Pt={ [10^{(85.39)/20)}/10^{6} x3]<sup>2</sup>/ (30x0.93) }x1000 mW
=0.1116mW<2.781mW
So ERP=0.1116x0.57=0.064<2.781mW
Then SAR evaluation is not required
```