

**Revised electric field strength reference levels in Safety Code 6 2015 (relative to 2009)
(Controlled Environment, for trained personnel, fully characterized electromagnetic field distribution of the area)**

Frequency (in MHz)	Reference Level Basis	SC6 – 2015 (in V/m)	Reference Period
0.003 - 10	Nerve Stimulation	170	Instantaneous
1 - 10	SAR	$193/f^{0.5}$	6 minutes

Frequency (in MHz)	Reference Level Basis	SC6 – 2009 (in V/m)	Reference Period
0.003 – 1	Nerve Stimulation	600	6 minutes
1 - 10	SAR	$600/f$	6 minutes

f=frequency (in MHz), V/m=volts/metre

**Revised magnetic field strength reference levels in Safety Code 6 2015 (relative to 2009)
(Controlled Environment, for trained personnel, fully characterized electromagnetic field distribution of the area)**

Frequency (in MHz)	Reference Level Basis	SC6 – 2015 (in A/m)	Reference Period
0.003 - 10	Nerve Stimulation	180	Instantaneous
1 - 10	SAR	$1.6/f$	6 minutes

Frequency (in MHz)	Reference Level Basis	SC6 – 2009 (in A/m)	Reference Period
0.003 – 1	Nerve Stimulation	4.9	6 minutes
1 - 10	SAR	$4.9/f$	6 minutes

f=frequency (in MHz), A/m=amperes/metre

**Revised power density reference levels in Safety Code 6 2015 (relative to 2009)
(Controlled Environment, for trained personnel, fully characterized electromagnetic field distribution of the area)**

Frequency (MHz)	SC6 - 2015 (W/m ²)	SC6 - 2009 (W/m ²)	SC6 2015 (% of 2009 limits)
100	6.455	10	64.55
450	13.69	15	91.29
600	15.81	20	79.06
750	17.68	25	70.71
900	19.37	30	64.55
1500	25	50	50
1800	27.39	50	54.77
2450	31.95	50	63.90
5000	45.64	50	91.29
6000	50	50	100

W/m²=Watts/metre squared

**Revised induced current reference levels in Safety Code 6 2015 (relative to 2009)
(Controlled Environment, for trained personnel, fully characterized electromagnetic field distribution of the area)**

Frequency (in MHz)	Reference Level Basis	SC6 – 2015 (in mA), through a single foot	Reference Period
0.003 – 0.4	Nerve Stimulation	225/f	Instantaneous
0.4 - 110	SAR	90	6 minutes

Frequency (in MHz)	Reference Level Basis	SC6 – 2009 (in mA), through a single foot	Reference Period
0.003 – 0.1	Nerve Stimulation	1000f	1 second
0.1 - 110	SAR	100	6 minutes

f=frequency (in MHz), mA=milliamperes

**Revised contact current reference levels in Safety Code 6 2015 (relative to 2009)
(Controlled Environment, for trained personnel, fully characterized electromagnetic field distribution of the area)**

Frequency (in MHz)	Reference Level Basis	SC6 – 2015 (in mA), through a single foot	Reference Period
0.003 – 0.1	Nerve Stimulation	400f	Instantaneous
0.1 - 10	SAR	40	Instantaneous
10 - 110	SAR	40	6 minutes

Frequency (in MHz)	Reference Level Basis	SC6 – 2009 (in mA), through a single foot	Reference Period
0.003 – 0.1	Nerve Stimulation	1000f	1 second
0.1 - 110	SAR	100	6 minutes

f=frequency (in MHz), mA=milliamperes