

**Revised electric field strength reference levels in Safety Code 6 2015 (relative to 2009)
(Uncontrolled Environment, for untrained persons)**

Frequency (in MHz)	Reference Level Basis	SC6 – 2015 (in V/m)	Reference Period
0.003 - 10	Nerve Stimulation	83	Instantaneous
1 - 10	SAR	$87/f^{0.5}$	6 minutes

Frequency (in MHz)	Reference Level Basis	SC6 – 2009 (in V/m)	Reference Period
0.003 – 1	Nerve Stimulation	280	6 minutes
1 - 10	SAR	$280/f$	6 minutes

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

**Revised magnetic field strength reference levels in Safety Code 6 2015 (relative to 2009)
(Uncontrolled Environment, for untrained persons)**

Frequency (in MHz)	Reference Level Basis	SC6 – 2015 (in A/m)	Reference Period
0.003 - 10	Nerve Stimulation	90	Instantaneous
1 - 10	SAR	$0.73/f$	6 minutes

Frequency (in MHz)	Reference Level Basis	SC6 – 2009 (in A/m)	Reference Period
0.003 – 1	Nerve Stimulation	2.19	6 minutes
1 - 10	SAR	$2.19/f$	6 minutes

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

**Revised power density reference levels in Safety Code 6 2015 (relative to 2009)
(Uncontrolled Environment, for untrained persons)**

Frequency (MHz)	SC6 - 2015 (W/m ²)	SC6 - 2009 (W/m ²)	SC6 2015 (% of 2009 limits)
100	1.29	2	64.5
450	1.70	3	56.7
600	2.07	4	51.8
750	2.42	5	48.4
900	2.74	6	45.7
1500	3.88	10	38.8
1800	4.39	10	43.9
2450	5.42	10	54.2
5000	8.83	10	88.3
6000	10.00	10	100.0

W/m²=Watts/metre squared

**Revised induced current reference levels in Safety Code 6 2015 (relative to 2009)
(Uncontrolled Environment, for untrained persons)**

Frequency (in MHz)	Reference Level Basis	SC6 – 2015 (in mA), through a single foot	Reference Period
0.003 – 0.4	Nerve Stimulation	100/f	Instantaneous
0.4 - 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	450f	1 second
0.1 - 110	SAR	45	6 minutes

f=frequency (in MHz), mA=milliamperes

**Revised contact current reference levels in Safety Code 6 2015 (relative to 2009)
(Uncontrolled Environment, for untrained persons)**

Frequency (in MHz)	Reference Level Basis	SC6 – 2015 (in mA), through a single foot	Reference Period
0.003 – 0.1	Nerve Stimulation	200f	Instantaneous
0.1 - 10	SAR	20	Instantaneous
10 - 110	SAR	20	6 minutes

Frequency (in MHz)	Reference Level Basis	SC6 – 2009 (in mA), through a single foot	Reference Period
0.003 – 0.1	Nerve Stimulation	450f	1 second
0.1 - 110	SAR	45	6 minutes

f=frequency (in MHz), mA=milliamperes