

CEMFAW (2016) Limit levels (ELV and AL)

Table		AL1		AL2				AL3			AL4	ELV1		ELV2	ELV3
Field type		EM field (Low)	EM field (High)	Mag. Flux (Low)	Mag. Flux (Hi)	Mag. Flux (Loc)		EM field	Mag. Flux	Power Density	Limb Current	Mag. Flux Head/body	Mag. Flux (limb)	EM field	EM field (Head)
Notation		E	E	B	B	B		E	B	S	I	B	B	E	E
Units		V/m	V/m	mT	mT	mT		V/m	T	W/m ²	mA	T	T	V/m	V/m
Freq	DC											2	8		
1		20000	20000	200	300	900								1.1	0.7
8		20000	20000	3.125	37.5	112.5								1.1	0.0857
10		20000	20000	2.5	30	90								1.1	0.07
25		20000	20000	1	12	36								1.1	0.07
50		10000	20000	1	6	18								1.1	0.14
300		1666	3333	1	1	3								1.1	0.84
400		1250	2500	0.75	0.75	2.25								1.1	1.12
1K64		305	610	0.183	0.183	0.549								1.1	
2K5		200	610	0.12	0.12	0.36								1.1	
3K		170	610	0.1	0.1	0.3								1.1	
100K		170	610	0.1	0.1	0.3		610	20					38	
1M		170	610	0.1	0.1	0.3		610	2					380	
10M		170	610	0.1	0.1	0.3		61	0.2		100			3800	
110M								61	0.2		100				
300M								61	0.2						
400MHz								61	0.2						
2G								140	0.45						
6G								140	0.45						
300G								140	0.45	50					

Probe type	01E	02H	03E	04E	10B	20H & 30H	11E	10H	33P

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Table		ELV4			ELV5	ELV6	AL5	AL6		AL7
Field type		SAR			SA	Power Density	Contact current	Mag. field	Mag. field	Contact current
		Ave	Head/trunk	Limbs				IMD	other	
Notation						S	I	B	B	I
Units		W/kg	W/kg	W/kg	mJ/kg	W/m	mA	mT	mT	mA
Freq	DC						1	0.5	3	
1							1	0.5	3	
8							1			
10							1			
25							1			
50							1			
300							1			
400							1			
1K64							1			
2K5							1			
3K							1			
100K		0.4	10	20			1			40
1M		0.4	10	20			40			40
10M		0.4	10	20			40			40
110M		0.4	10	20						40
300M		0.4	10	20	10	50				
400MHz		0.4	10	20	10	50				
2G		0.4	10	20	10	50				
6G		0.4	10	20	10	50				
300G					10	50				

Tables not covered by MicroRad meters shown in red