

4.5 Disturbance power

Measurements shall be made in accordance with 5.6.

Table 4 – Limits of disturbance power

Equipment type	Frequency MHz	Limit values dB(pW)	
		Quasi-peak	Average
Associated equipment (video recorders excluded)	30 to 300	45 to 55 ^a	35 to 45 ^a
^a Increasing linearly with the frequency.			

NOTE If the limits for the average detector are met when using the quasi-peak detector, the limits for the measurements with average detector are considered to be met.

4.6 Radiated disturbances

Measurements of the disturbance field due to the local oscillator at its fundamental and harmonic frequencies and due to all other sources shall be made in accordance with 5.7.

Table 5 – Limits of radiated disturbances at 3 m distance

Equipment type	Source	Frequency MHz	Limit values dB(µV/m) Quasi-peak
Television receivers, video recorders and PC tuner cards	Local oscillator	≤1 000	Fundamental 57 ^a
		30 to 300	Harmonics 52
		300 to 1 000	Harmonics 56
	Other	30 to 230	40 ^b
230 to 1 000		47 ^b	
Television and sound receivers for broadcast satellite transmissions (except outdoor units), Infrared remote control units and Infrared headphone systems	Other	30 to 230	40 ^b
		230 to 1 000	47 ^b
Frequency modulation sound receivers and PC tuner cards	Local oscillator	≤1 000	Fundamental 60
		30 to 300	Harmonics 52
		300 to 1 000	Harmonics 56
	Other	30 to 230	40 ^b
230 to 1 000		47 ^b	
^a In Japan: 57 dB(µV/m) is relaxed to 66 dB(µV/m) for operating channels <300 MHz and to 70 dB(µV/m) for operating channels >300 MHz. ^b The values 40 dB(µV/m) and 47 dB(µV/m) are relaxed to 52 dB(µV/m), except for the distress frequency bands 121,450 MHz to 121,550 MHz, 242,950 MHz to 243,050 MHz and 406,000 MHz to 406,100 MHz until 3 years after the date of publication.			

NOTE For car radio receivers and for LW, MW and SW AM broadcast receivers no radiation limits apply.