

4.3 Field strength of the harmonics and the spurious

Reference

FCC:	CFR Part SUBCLAUSE § 15.209 (a)
IC:	RSS 210, Annex 2.6

EMISSION LIMITATIONS				
f (MHz)	amplitude of emission (dB μ V/m)	limit max. allowed field strength	Detector	results
13.56	16.98	29.5	QP	Operating frequency
55.11	28.3	30.0	QP	Complies (Critical)
73.97	15.3	30.0	QP	Complies
91.85	17.6	33.5	QP	Complies
129.48	14.6	33.5	QP	Complies
165.19	10.9	33.5	QP	Complies
Measurement uncertainty			± 3dB	

RBW/VBW : 200 Hz up to 150 kHz, 9 kHz up to 30 MHz, 120 kHz up to 1 GHz

Limits

SUBCLAUSE § 15.209 (a)

Fundamental Frequency (MHz)	Field strength of Fundamental (μ V/m)	Measurement Distance (meters)
0.009 – 0.490	2400 / F (kHz)	300
0.490 – 1.705	24000 / F (kHz)	30
1.705 – 30.0	30 (29.5 dB μ V/m)	30
30.0 – 88.0	100 (40 dB μ v/m)	3
88 – 216	150 (43.5 dB μ V/m)	3
216 – 960	200 (46 dB μ V/m)	3