

Part 101.111.a.2.ii Emission limitations, digital modulation, >15 GHz

Test made at center frequency 18,950 MHz
Spectrum Analyzer HP8570A

Minimum attenuation of modulated carrier: $A = 11 + 0.4(P-50) + 10 \log B$
For $B = 20$ MHz, $A = 23 + 0.4 (P-50)$ where $P = \%BW$ from center frequency

P (%)	attenuation A (dBc)	measured attenuation (dBc)
50	23	43
60	27	43
70	31	45
80	35	48
90	39	52
100	43	58
110	47	>60
120	51	>60
130	55	>60
140	56	>60
150	56	>60
160	56	>60
170	56	>60
180	56	>60
190	56	>60
200	56	>60
210	56	>60
220	56	>60
230	56	>60
240	56	>60
250	56	>60