

Test Report: RT63

Occupied bandwidth

Additional testing was carried out on a sample RT63 to CFR47 part 2 paragraph. (2.1049(occupied Bandwidth))

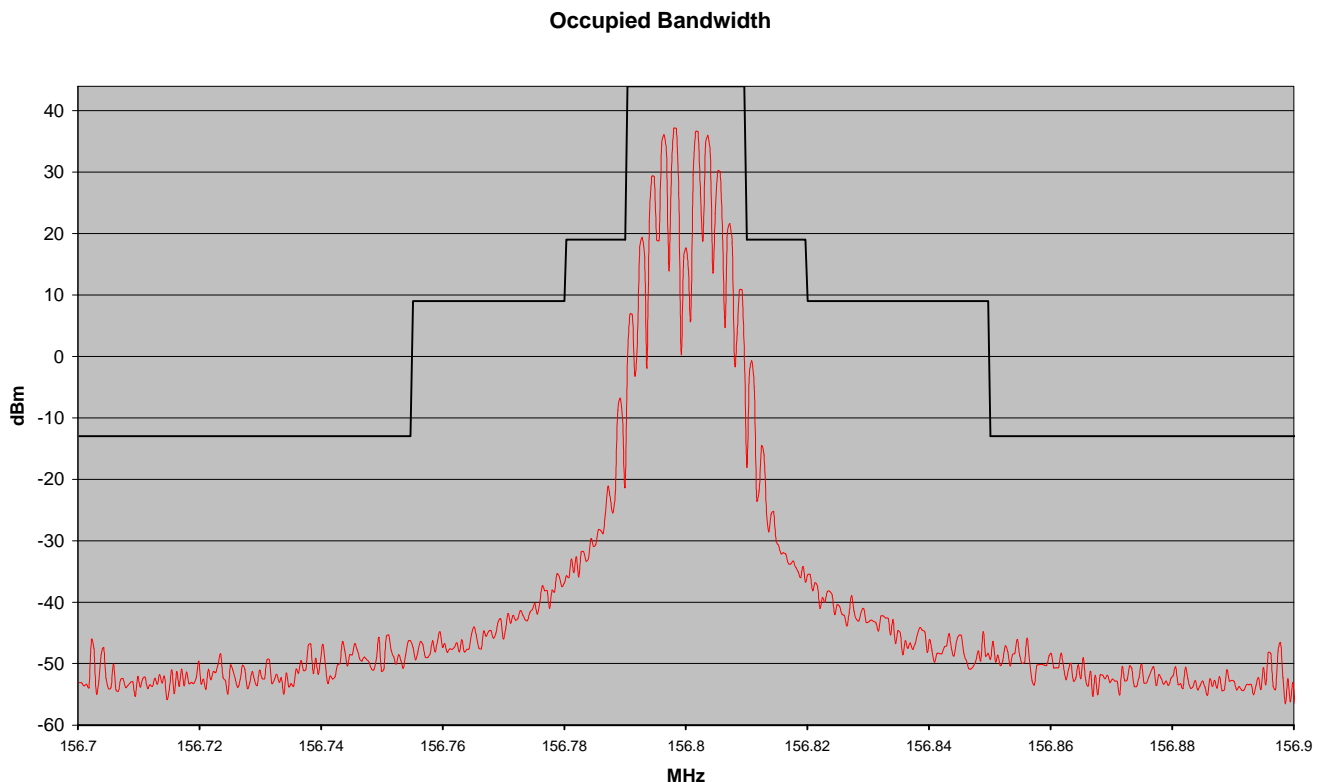
Method

The sample radio was connected to an AF source and modulation meter. The AF frequency was set to 2500Hz and the level set to 2.5kHz deviation. (50% maximum allowable deviation. The level was increased 16dB and the AF frequency swept to find the maximum deviation. The spectrum was then plotted on a spectrum analyser and the results plotted.

Test Equipment

AF source	Rohde & Schwarz CMTA
Modulation Meter	As Above
Spectrum Analyser	Rohde & Schwarz FSEA

Results



The Occupied bandwidth meets the requirements of Part 80.211(f)