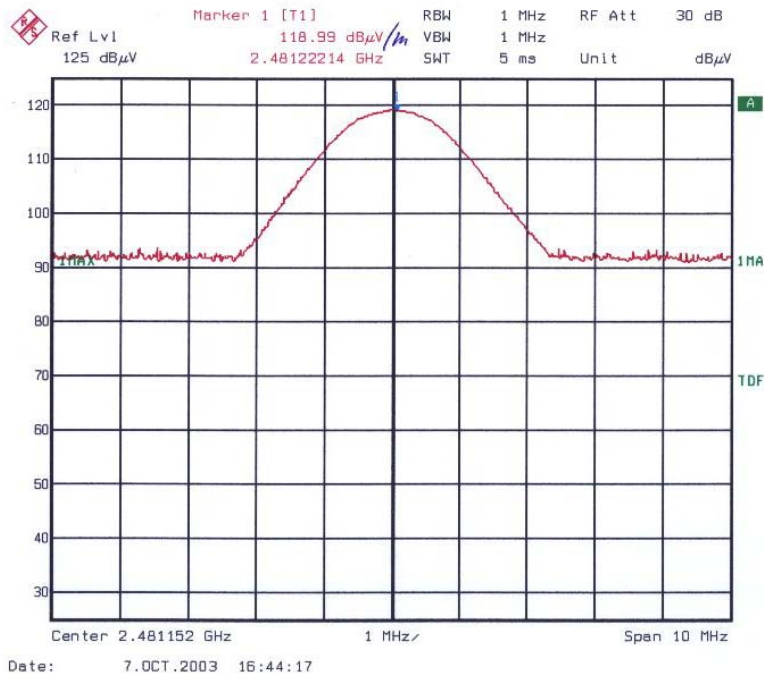


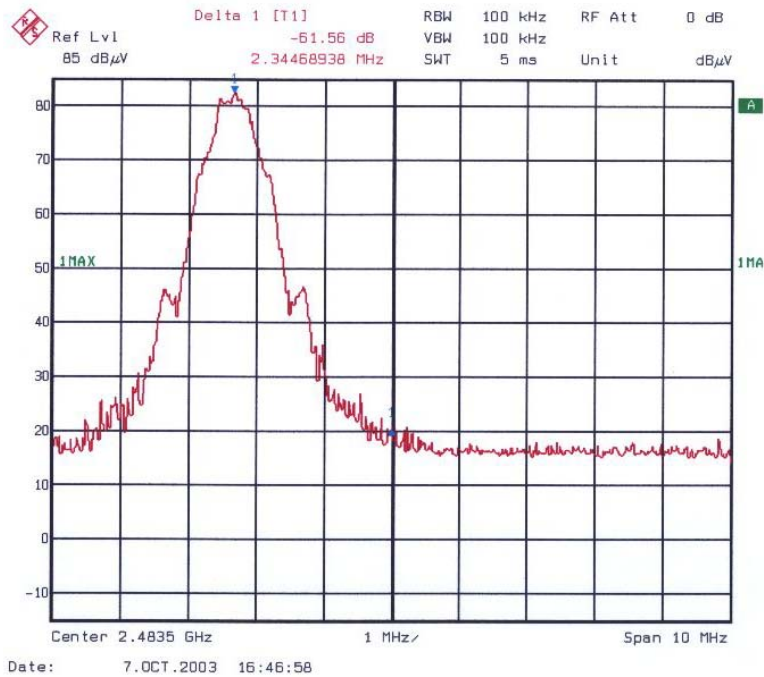
Upper Band Edge Radiated Emissions

This document calculates the spurious radiations at the upper band edge (at 2483.5 MHz) when the equipment is transmitting on channel 79 with hopping off. All measurements were performed at 3 metres.

The calculations are done according to the "Marker-Delta Method".



Portable part Carrier, ch 79

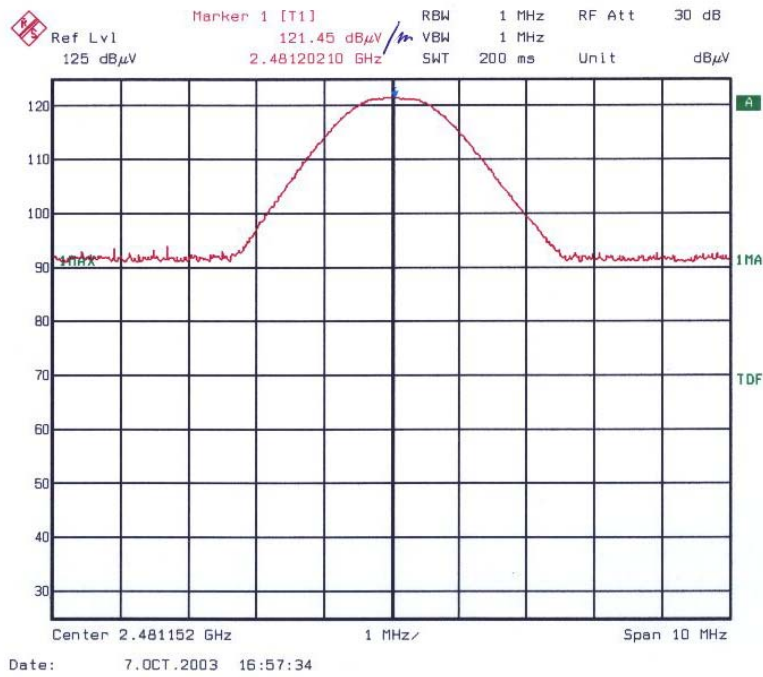


Portable Part, ch 79, Upper Band Edge

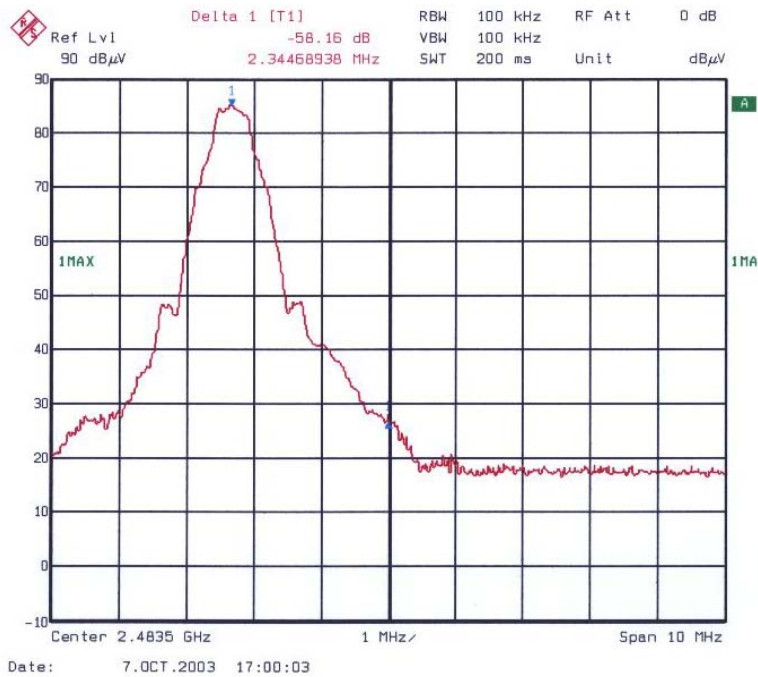
Peak Field Strength: 119.0 dBuV/m
 Marker Delta 100kHz RBW: 61.6dB

Therefore:

Peak Field Strength 119.0 - 61.6 = 57.4 dBuV/m
Average Field Strength: 57.4 dBuV/m - 20 dB = 37.4 dBuV/m



Fixed Part, ant 1, Carrier, ch 79

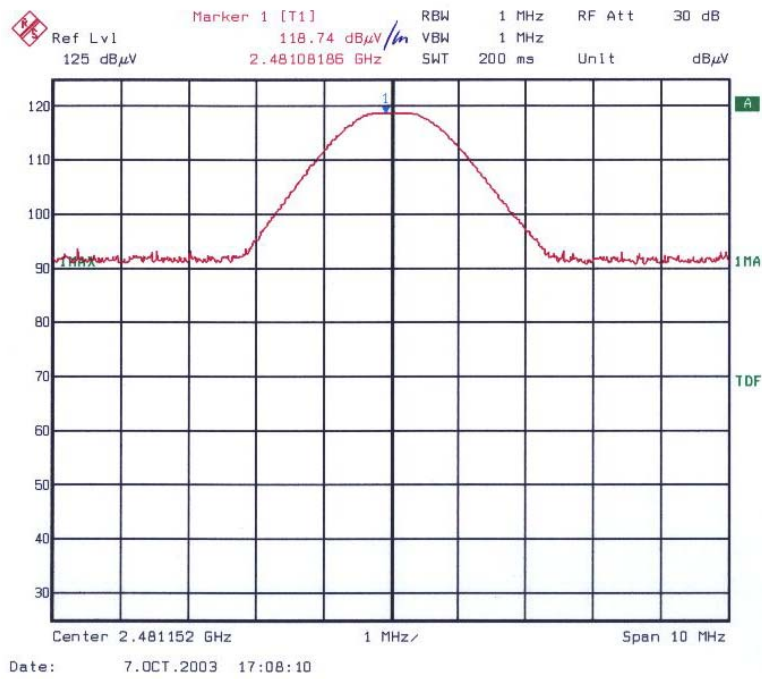


Fixed Part, ant 1, ch 79, Upper Band Edge

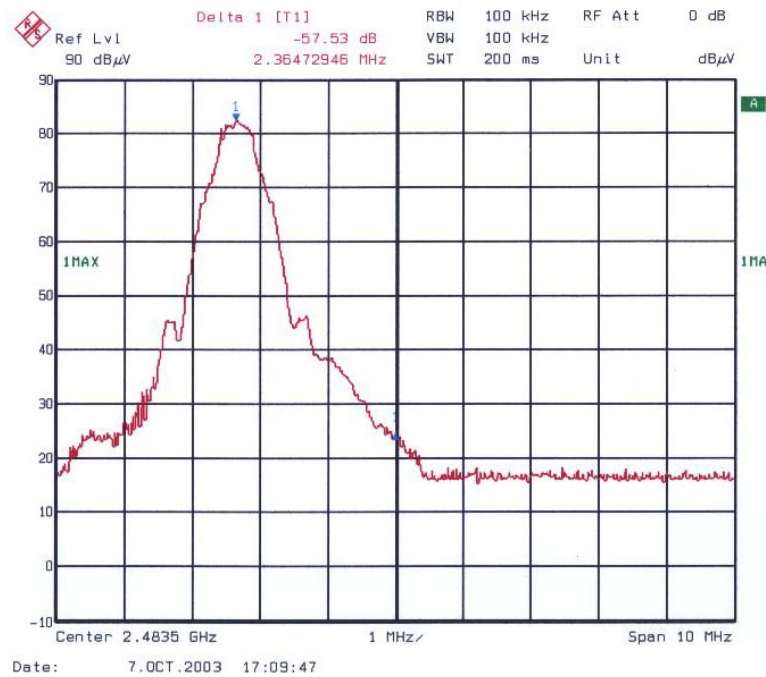
Peak Field Strength: 121.5 dBuV/m
Marker Delta 100kHz RBW: 58.2dB

Therefore:

Peak Field Strength 121.5 – 58.2 = 63.3 dBuV/m
Average Field Strength: 63.3 dBuV/m - 20 dB = 43.3 dBuV/m



Fixed Part, ant 2, Carrier, ch 79



Fixed Part, ant 2, ch 79, Upper Band Edge

Peak Field Strength: 118.7 dBuV/m
 Marker Delta 100kHz RBW: 57.5dB

Therefore:

Peak Field Strength 118.7 - 57.5 = 61.2 dBuV/m
Average Field Strength: 61.2 dBuV/m - 20 dB = 41.2 dBuV/m