

Necessary Bandwidth Description

Frequency range: 914.7 MHz

Radio Specs: Digital modulation (QPSK)

Emission Designator: 1M23G1D

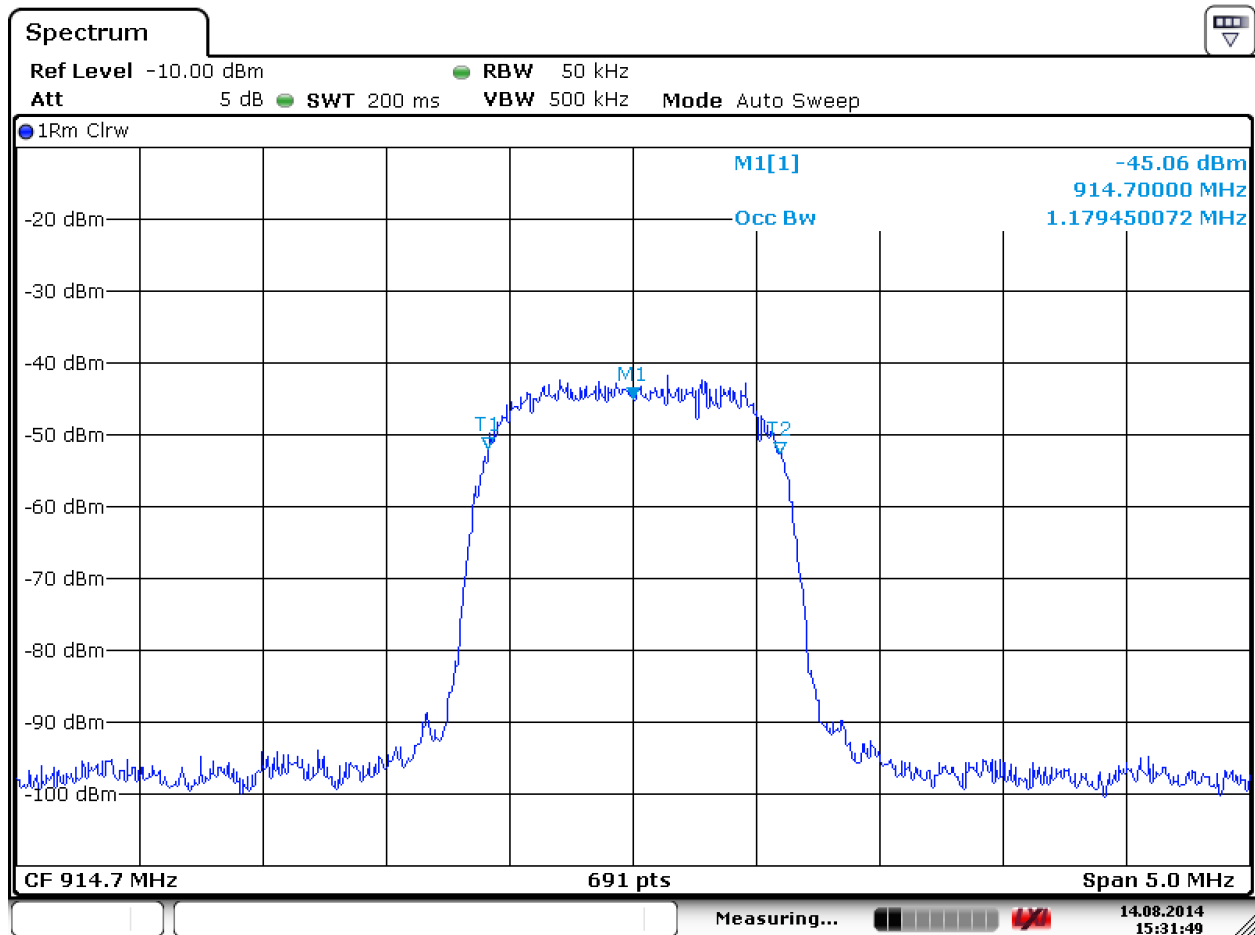
Occupied Bandwidth (99% of total power radiated): 1.180 MHz

± 25 kHz will be necessary to compensate for Doppler shifting, bringing the total necessary bandwidth to 1.230 MHz

Necessary Bandwidth: 1.230 MHz (Occupied BW + Doppler shift BW)

This is the minimum value of the Occupied BW sufficient to ensure the transmission of information at the rate and with the quality required for the system employed under our specified conditions

Necessary Bandwidth demonstration: See chart below



Date: 14.AUG.2014 15:31:49