

The SPLSR for CDMA2000 BC1 and WiMAX (Main Ant) is as below:

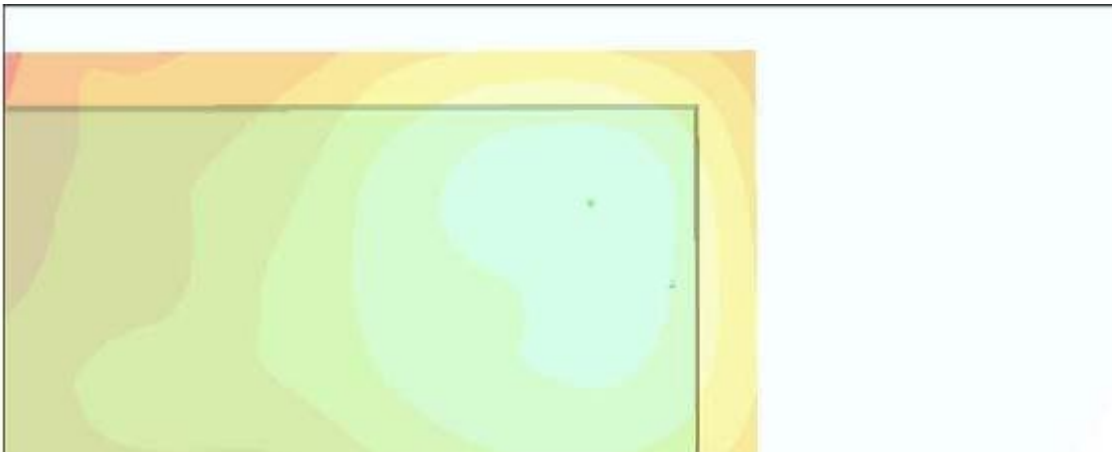
#169 CDMA2000 BC1_RTAP-153.6K_Bottom_1cm_Ch600_Slide Off_Battery 1

$SAR_{1g} = 1.14 \text{ W/kg}$



#135 Wimax_QPSK 1/2_10M_Bottom_1cm_Ch0_Slide Off_Main Ant_Battery1

$SAR_{1g} = 0.499 \text{ W/kg}$



Separation distance for CDMA2000 BC1 Hot Spot to WiMAX (Main Ant) Hot Spot : 6.2

Length of DUT : 9.2 (11.7 cm)

Therefore, separation distance of hot spots is

$$L = 6.2 / 9.2 * 11.7 = 7.89 \text{ cm}$$

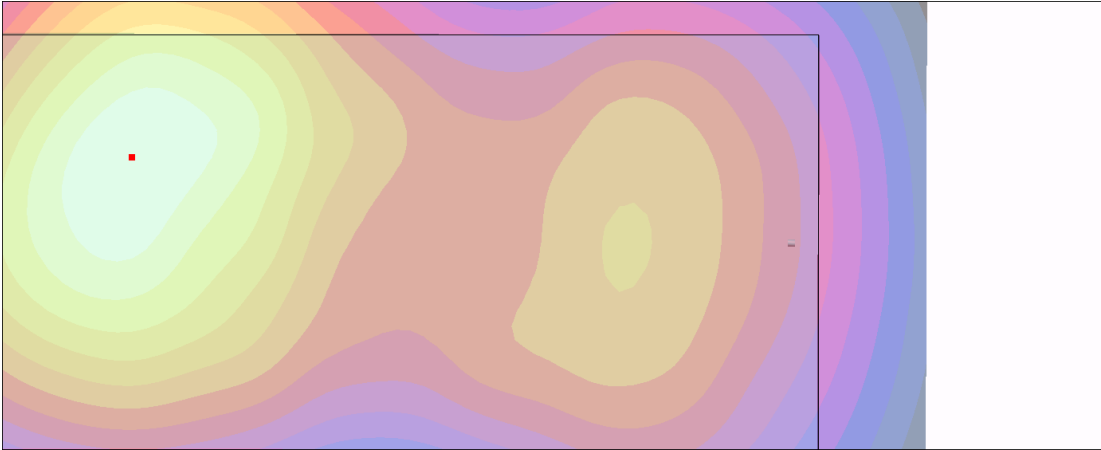
$$\text{Summation SAR} = 1.14 + 0.499 = 1.639$$

$$\text{SPLSR} = 1.639 / 7.89 = 0.21$$

The SPLSR for CDMA2000 BC1 and WiMAX (Aux Ant) is as below:

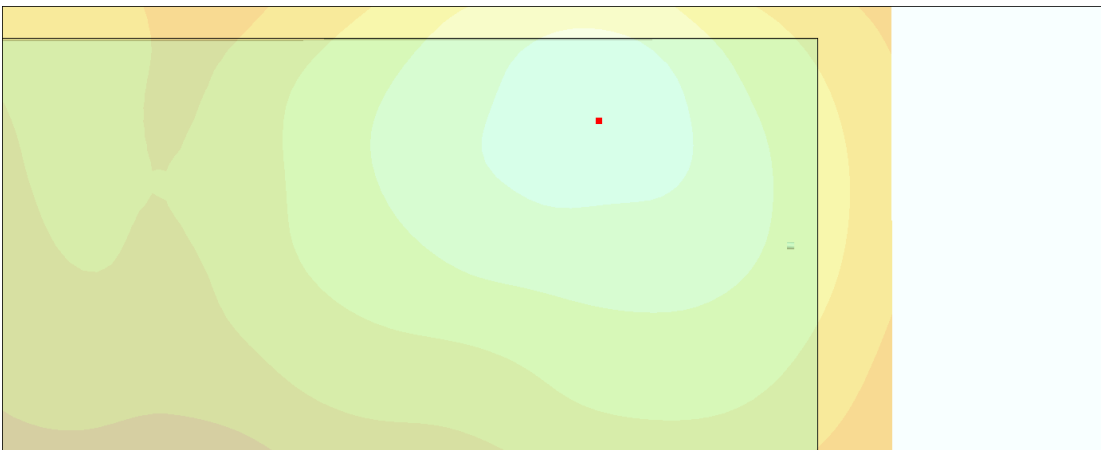
#169 CDMA2000 BC1_RTAP-153.6K_Bottom_1cm_Ch600_Slide Off_Battery 1

$SAR_{1g} = 1.14 \text{ W/kg}$



#30 WiMAX_QPSK 1/2_10M_Bottom_1cm_Ch2_Slide Off_Aux Ant_Battery1

$SAR_{1g} = 0.564 \text{ W/kg}$



Separation distance for CDMA2000 BC1 Hot Spot to WiMAX (Aux Ant) Hot Spot : 6.4

Length of DUT : 10.5 (11.7 cm)

Therefore, separation distance of hot spots is

$$L = 6.4 / 10.5 * 11.7 = 7.13 \text{ cm}$$

Summation SAR = 1.14 + 0.564 = 1.704

SPLSR = 1.704 / 7.13 = 0.238