

## **Blockage Test Setup**

An Agilent E4433B signal generator is outputting a GSM or CDMA or EGDE signal to a pre-amplifier, which outputs the amplified signal to the EUT's amplifier In – Tx1/Rx BTS. That signal is outputted from Tx/Rx ANT to a Weinschel Corp 53-30-34 30dB 500W attenuator. A MECA 722N-20-1.500V 20dB Dual Coupler is hooked up to the attenuator from the input of the dual coupler. A Weinschel Corp 24-30-34 30dB 50W attenuator is hooked up to the output of the dual coupler. An 8593EM analyzer is hooked up to the Dual coupler's coupled output via Strolab 32022-2-2909K-36TC 40GHz cable. A power meter is hooked up to the 30dB 50W attenuator for power setting only.

## **Intermodulation Test Setup**

An Agilent E4433B signal generator is outputting a GSM or CDMA or EGDE signal to a pre-amplifier, which outputs the amplified signal to the EUT's amplifier In – Tx1/Rx BTS. That signal is outputted from Tx/Rx ANT to a Weinschel Corp 53-30-34 30dB 500W attenuator. A MECA 722N-20-1.500V 20dB Dual Coupler is hooked up to the attenuator from the input of the dual coupler. A Weinschel Corp 24-30-34 30dB 50W attenuator is hooked up to the output of the dual coupler. An 8593EM analyzer is hooked up to the Dual coupler's coupled output via Strolab 32022-2-2909K-36TC 40GHz cable. A power meter is hooked up to the 30dB 50W attenuator for power setting

## **Occupied Bandwidth Test Setup**

### **Input Plots**

An 8593EM analyzer is receiving a GSM or CDMA or EDGE signal from an Agilent E4433B signal generator

### **Output Plots**

An Agilent E4433B signal generator is outputting a GSM or CDMA or EGDE signal to a pre-amplifier, which outputs the amplified signal to the EUT's amplifier In – Tx1/Rx BTS. That signal is outputted from Tx/Rx ANT to a Weinschel Corp 53-30-34 30dB 500W attenuator. A MECA 722N-20-1.500V 20dB Dual Coupler is hooked up to the attenuator from the input of the dual coupler. A Weinschel Corp 24-30-34 30dB 50W attenuator is hooked up to the output of the dual coupler. An 8593EM analyzer is hooked up to the Dual coupler's coupled output via Strolab 32022-2-2909K-36TC 40GHz cable. A power meter is hooked up to the 30dB 50W attenuator for power setting only.