MA1200 band edge tests

MA1200 band edge tests with MA1200 optical module……. 2

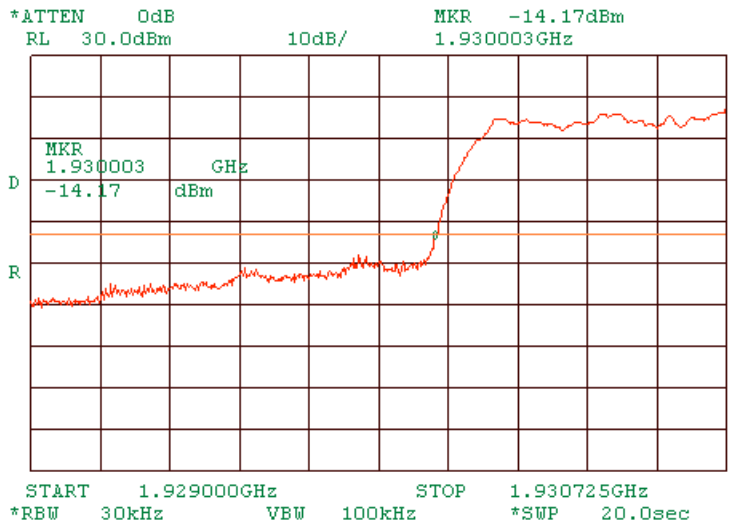
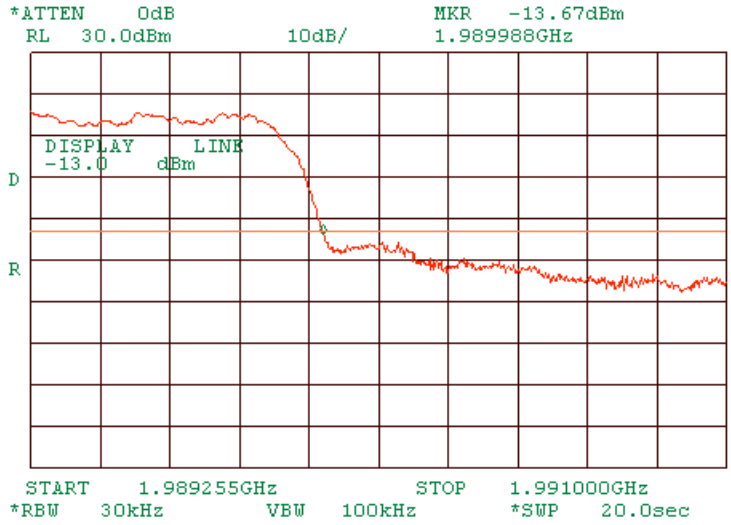
MA1200 band edge tests with MA1000 RHU……..8

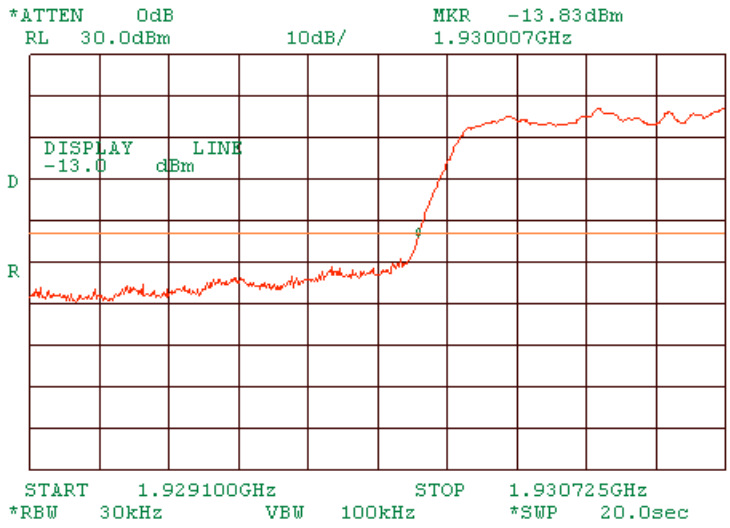
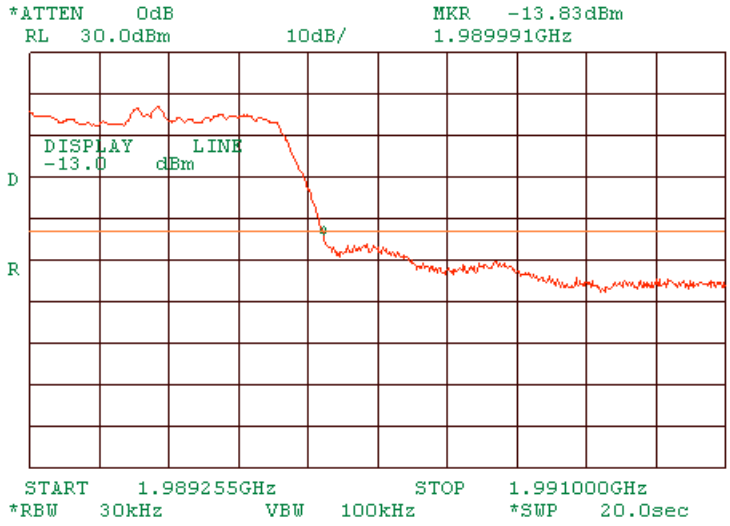
Date	18 May 2004
Test	Band edge
Project	15867, Mobile Access 1200 Add-on (optical module)
Humidity	46%
Temperature	24 C
Air pressure	1014hPa
Test equipment	521, 1947, 121, 589, 603
Assigned band	Downlink: 1930 – 1990MHz Uplink: 1850 – 1910MHz

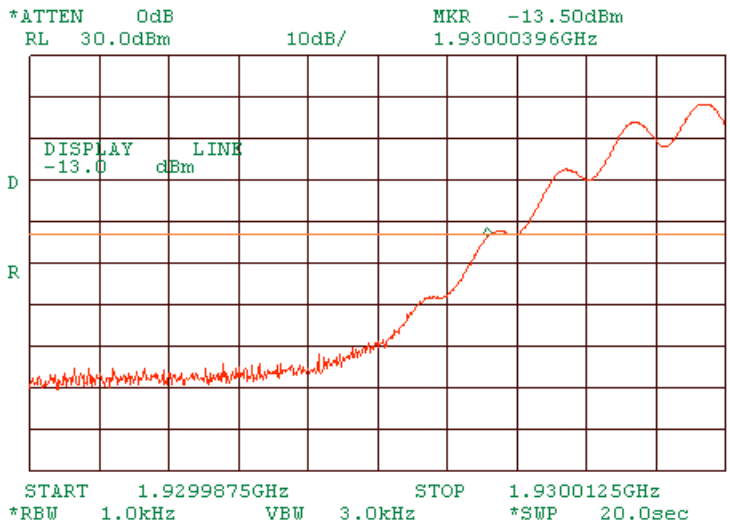
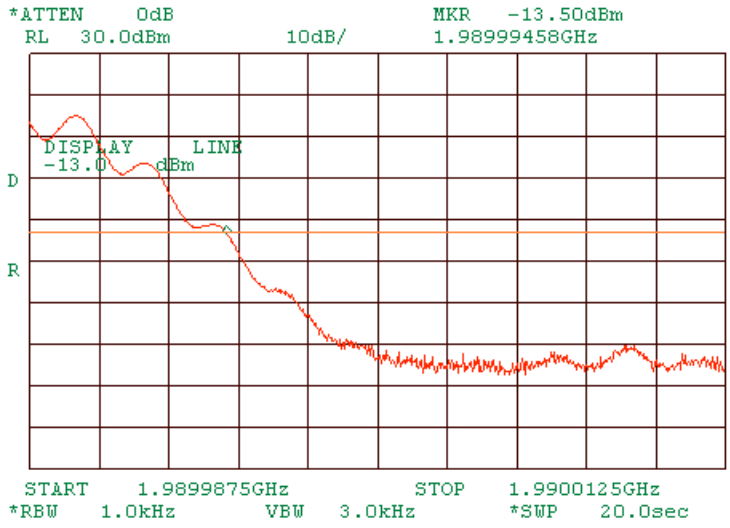
IP = input power
Op = output power
G = gain
Mod = input modulation

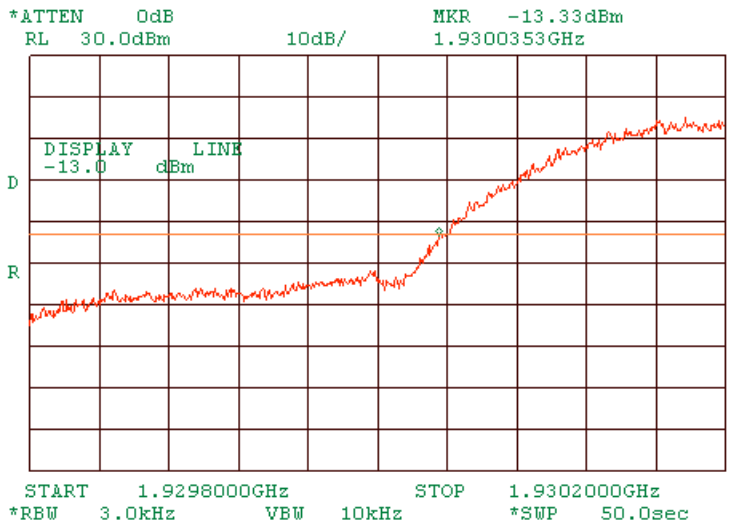
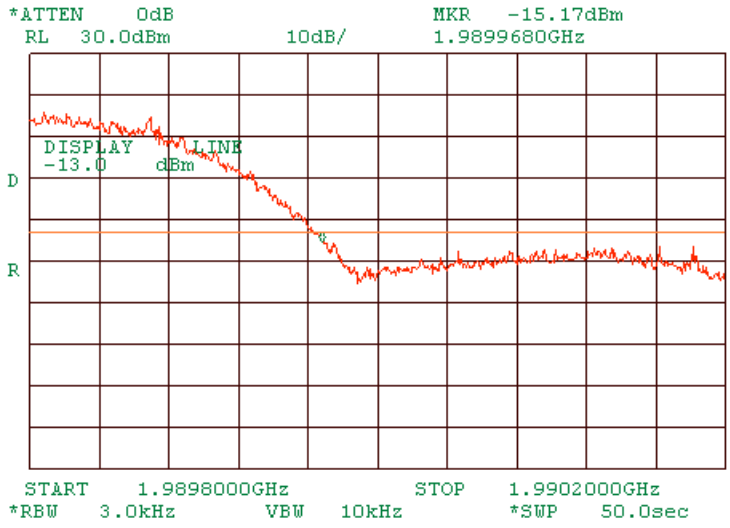
Band Edge DOWNLINK

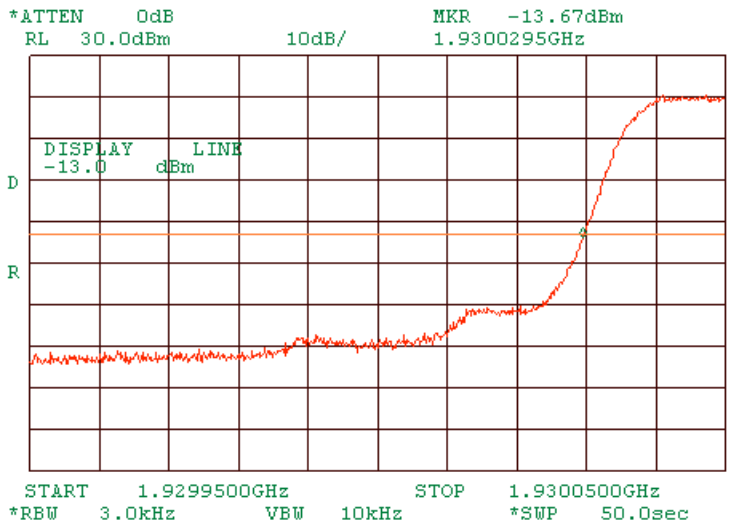
IP = 10dBm

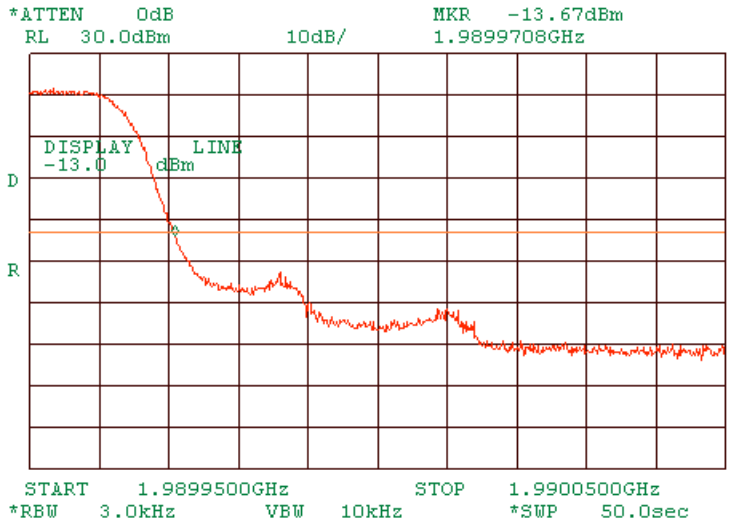
Port 1 LOW channel	
OBW = 1.407 MHz F_L = 1930.725 MHz Upon customer request RBW = 30 kHz F_{EDGE} = 1930.003 MHz CDMA	
Port 1 High channel	
OBW = 1.407 MHz F_H = 1989.255 MHz Upon customer request RBW = 30kHz F_{EDGE} = 1989.988 MHz	

Port 1 LOW channel	
OBW = 1.413 MHz F_L = 1930.735 MHz Upon Customer Request RBW = 30kHz F_{EDGE} = 1930.007 MHz CDMA OQPSK	
Port 1 High channel	
OBW = 1.413 MHz F_H = 1989.255 MHz Upon customer request RBW = 30 kHz F_{EDGE} = 1989.991 MHz	

Port 1 LOW channel	
OBW = 10.75 kHz F_L = 1930.0125 MHz RBW = 1kHz F_{EDGE} = 1930.00396 MHz FM	
Port 1 High channel	
OBW = 10.75 kHz F_H = 1989.9875 MHz RBW = 1 kHz F_{EDGE} = 1989.99458 MHz	

Port 1 LOW channel	
OBW = 306.7 kHz F_L = 1930.2 MHz RBW = 3kHz F_{EDGE} = 1930.0353 MHz GSM	
Port 1 High channel	
OBW = 306.7 kHz F_H = 1989.8 MHz RBW = 3 kHz F_{EDGE} = 1989.9680 MHz	

Port 1 LOW channel	
OBW = 32.17 kHz F_L = 1930.05 MHz RBW = 1 kHz F_{EDGE} = 1930.0295 MHz TDMA	

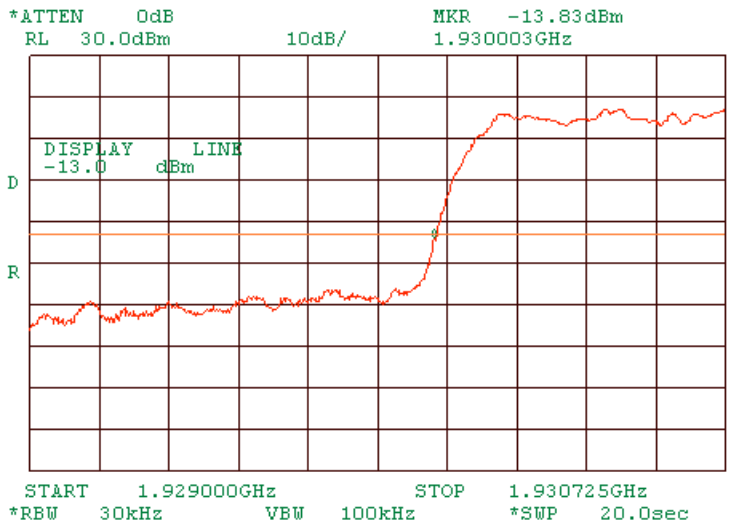
Port 1 High channel	
OBW = 32.17 kHz F_H = 1989.95 MHz Upon customer request RBW = 1 kHz F_{EDGE} = 1989.9708 MHz	

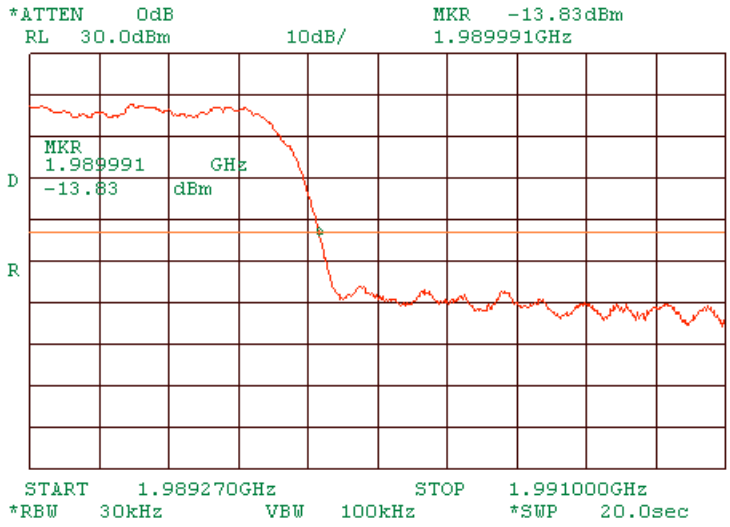
Date	27 May 2004
Test	Band edge
Project	15867, Mobile Access 1200 + Mobile Access 1000
Humidity	46%
Temperature	24 C
Air pressure	1014hPa
Test equipment	521, 1947, 121, 589, 603
Assigned band	Downlink: 1930 – 1990MHz Uplink: 1850 – 1910MHz

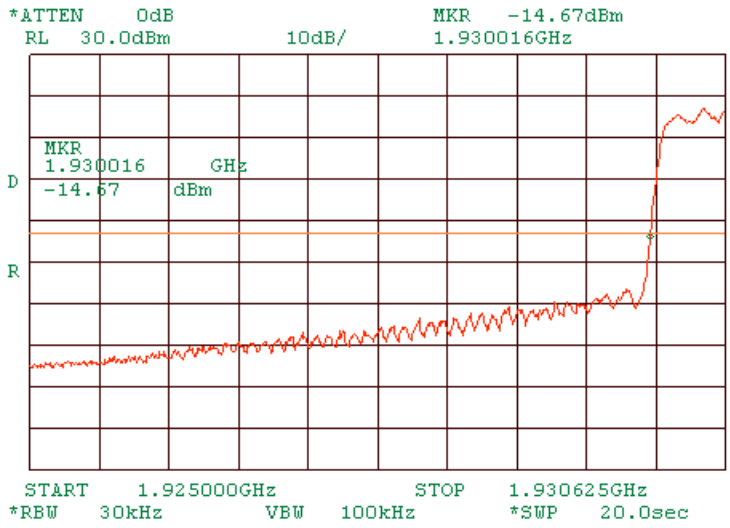
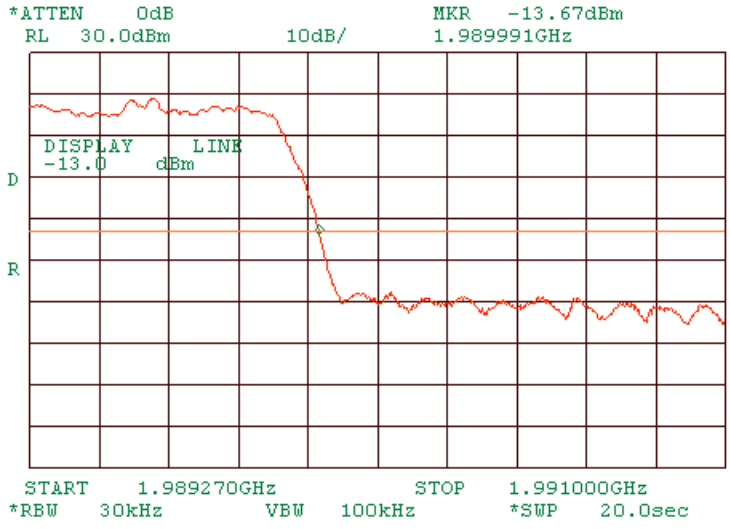
IP = input power
Op = output power
G = gain
Mod = input modulation

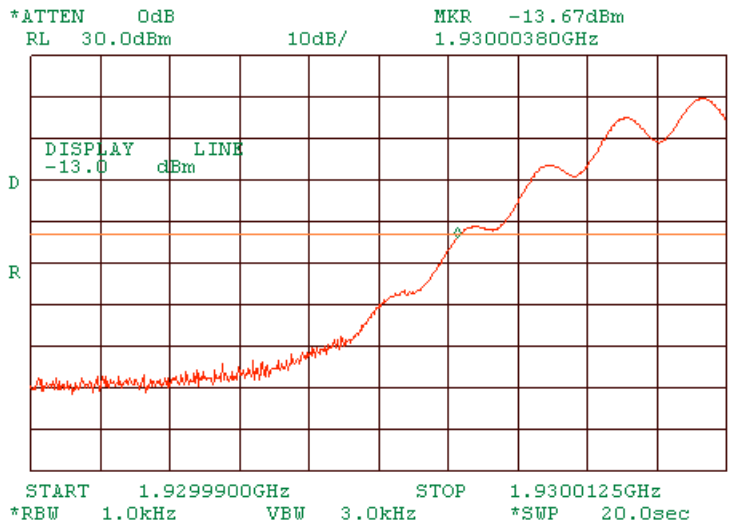
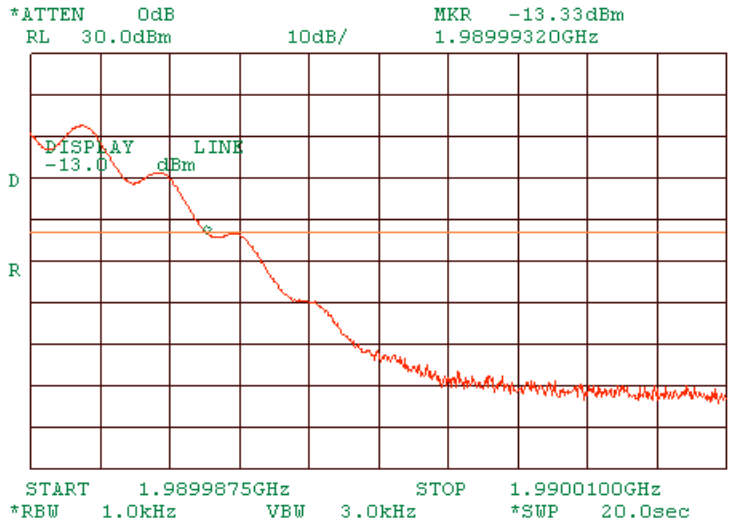
Band Edge DOWNLINK

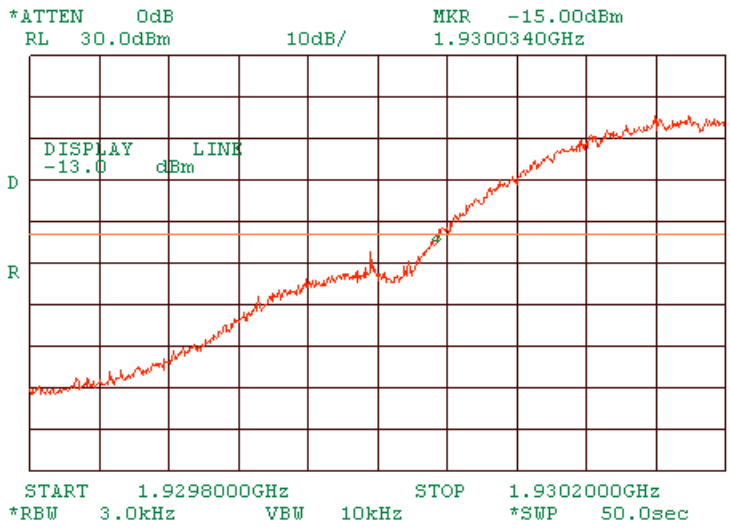
IP = 10dBm

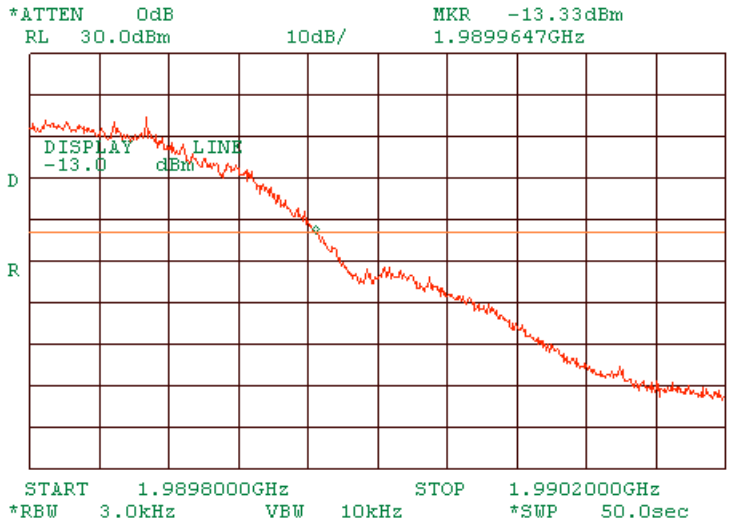
Port 1 LOW channel	
OBW = 1.407 MHz F_L = 1930.735 MHz Upon Customer Request RBW = 30kHz F_{EDGE} = 1930.003 MHz CDMA QPSK	

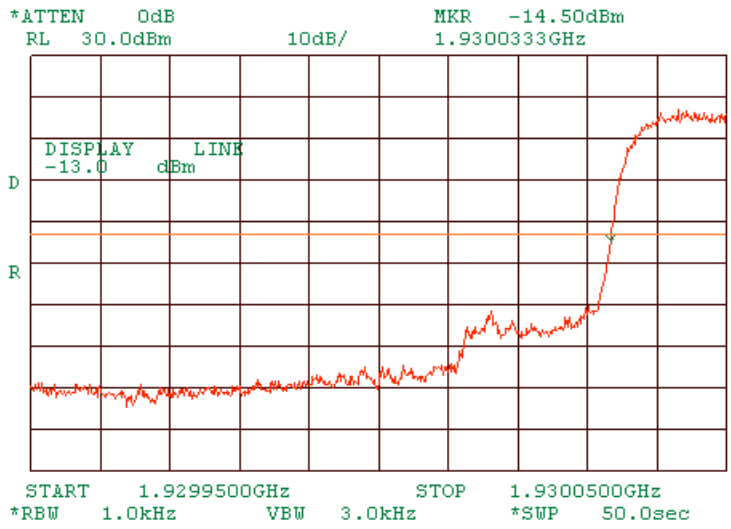
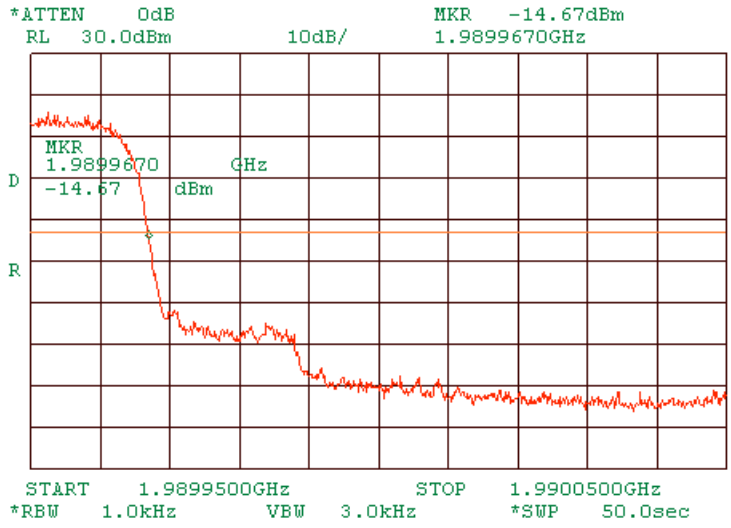
Port 1 High channel	
OBW = 1.407 MHz F_H = 1989.255 MHz Upon customer request RBW = 30 kHz F_{EDGE} = 1989.991 MHz	

Port 1 LOW channel	
OBW = 1.413 MHz F_L = 1930.725 MHz Upon Customer Request RBW = 30kHz F_{EDGE} = 1930.016 MHz CDMA OQPSK	
Port 1 High channel	
OBW = 1.413 MHz F_H = 1989.255 MHz Upon customer request RBW = 30 kHz F_{EDGE} = 1989.991 MHz	

Port 1 LOW channel	
OBW = 10.75 kHz F_L = 1930.0125 MHz RBW = 30kHz F_{EDGE} = 1930.0038 MHz FM	
Port 1 High channel	
OBW = 10.75 kHz F_H = 1989.255 MHz RBW = 30 kHz F_{EDGE} = 1989.9932 MHz	

Port 1 LOW channel	
OBW = 306.7 kHz F_L = 1930.2 MHz RBW = 30kHz F_{EDGE} = 1930.034 MHz GSM	

Port 1 High channel	
OBW = 306.7 kHz F_H = 1989.255 MHz RBW = 30 kHz F_{EDGE} = 1989.9647 MHz	

Port 1 LOW channel	
OBW = 32.17 kHz F_L = 1930.05 MHz RBW = 30kHz F_{EDGE} = 1930.0333 MHz TDMA	
Port 1 High channel	
OBW = 32.17 kHz F_H = 1989.95 MHz Upon customer request RBW = 30 kHz F_{EDGE} = 1989.967 MHz