

TEST REPORT

Mobile Phone Signal Booster

P/N: RPDBUS-01

June 23, 2008

1. GAIN

GSM	UPLINK AMPS	Max input EUT(dBm)	Measured Output (dBm)	Gain (dB)
	824.2	-51.6	10	61.6
	848.8	-48	10	58
	DOWNLINK AMPS			
	869.2	-51.6	10	61.6

CDMA	UPLINK AMPS	Max input EUT(dBm)	Measured Output (dBm)	Gain (dB)
	824.7	-50.6	10	60.6
	848.31	-47.9	10	57.9
	DOWNLINK AMPS			
	881.5	-50.0	10	60.0

CDMA	UPLINK AMPS	Max input EUT(dBm)	Measured Output (dBm)	Gain (dB)
	824.7	-52.5	10	62.5
	848.31	-49.8	10	59.8
	DOWNLINK AMPS			
	881.5	-52.6	10	62.6

GSM	UPLINK AMPS	Max input EUT(dBm)	Measured Output (dBm)	Gain (dB)
	1850.2	-50.6	7	57.6
	1909.8	-42.5	7	49.5
	DOWNLINK AMPS			
	1930.2	-46.0	7	53

CDMA	UPLINK AMPS	Max input EUT(dBm)	Measured Output (dBm)	Gain (dB)
	1851.25	-50.6	7	57.6
	1909.8	-42.6	7	49.6
	DOWNLINK AMPS			
	1931.25	-47.0	7	54

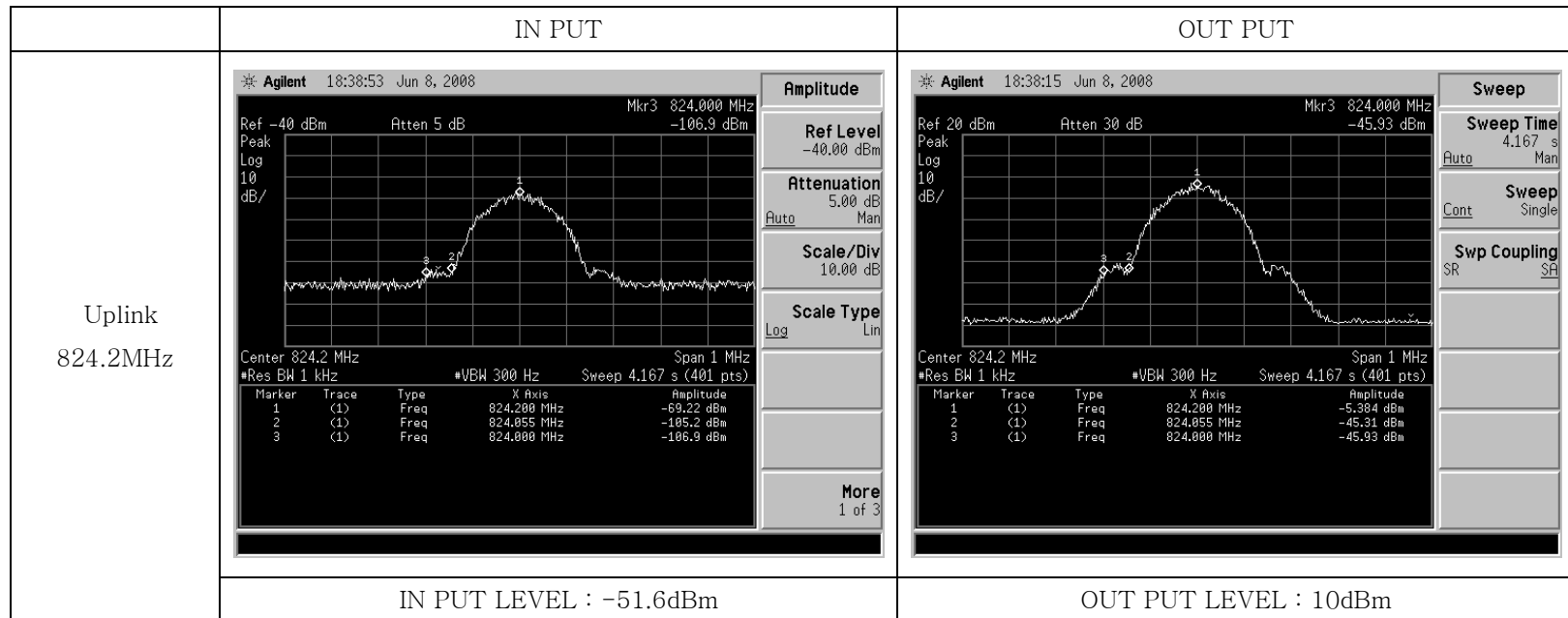
CDMA	UPLINK AMPS	Max input EUT(dBm)	Measured Output (dBm)	Gain (dB)
	1850.4	-49.5	7	56.5
	1909.97	-41.5	7	48.5
	DOWNLINK AMPS			
	1989.97	-50.6	7	57.6

2.1 UPLINK – GSM 824.2MHZ

NOTES:

Uplink Max input power is -51.6dBm

GSM real time I/Q baseband

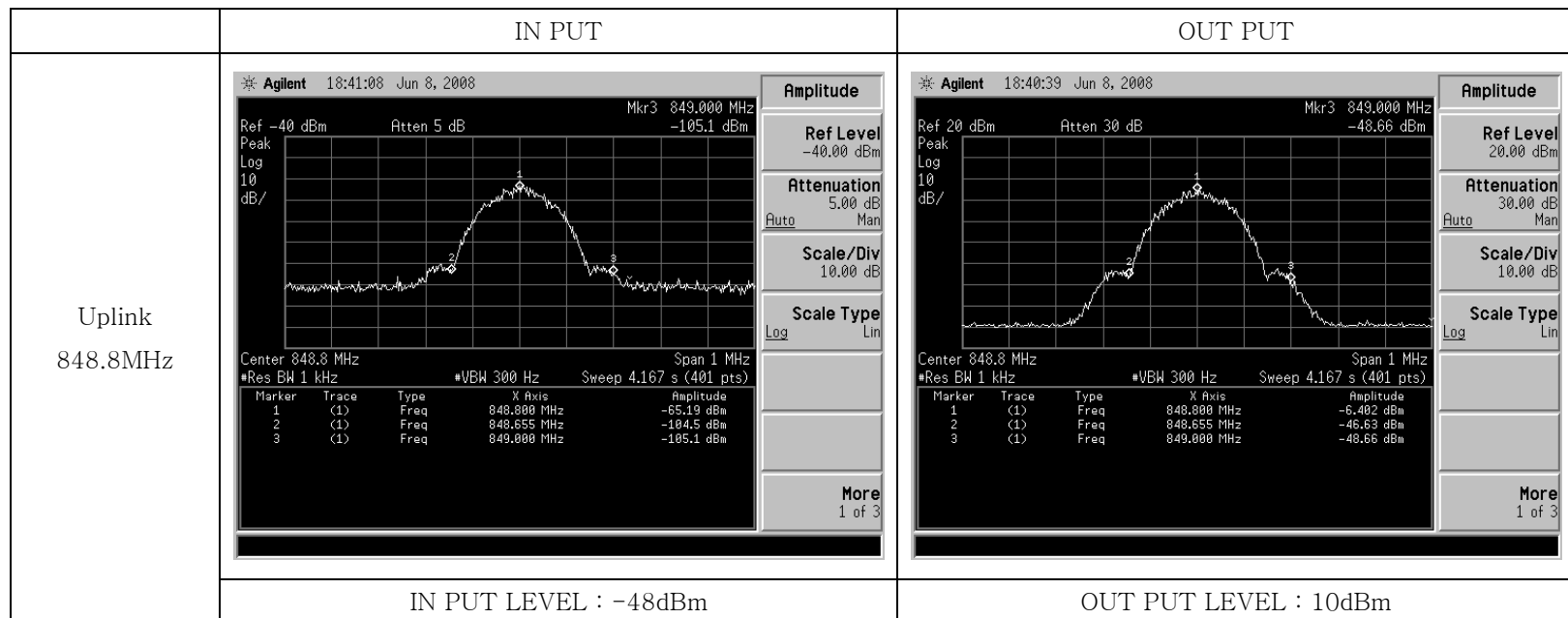


2.2 UPLINK – GSM 848.4MHZ

NOTES:

Uplink Max input power is -48dBm

GSM real time I/Q baseband

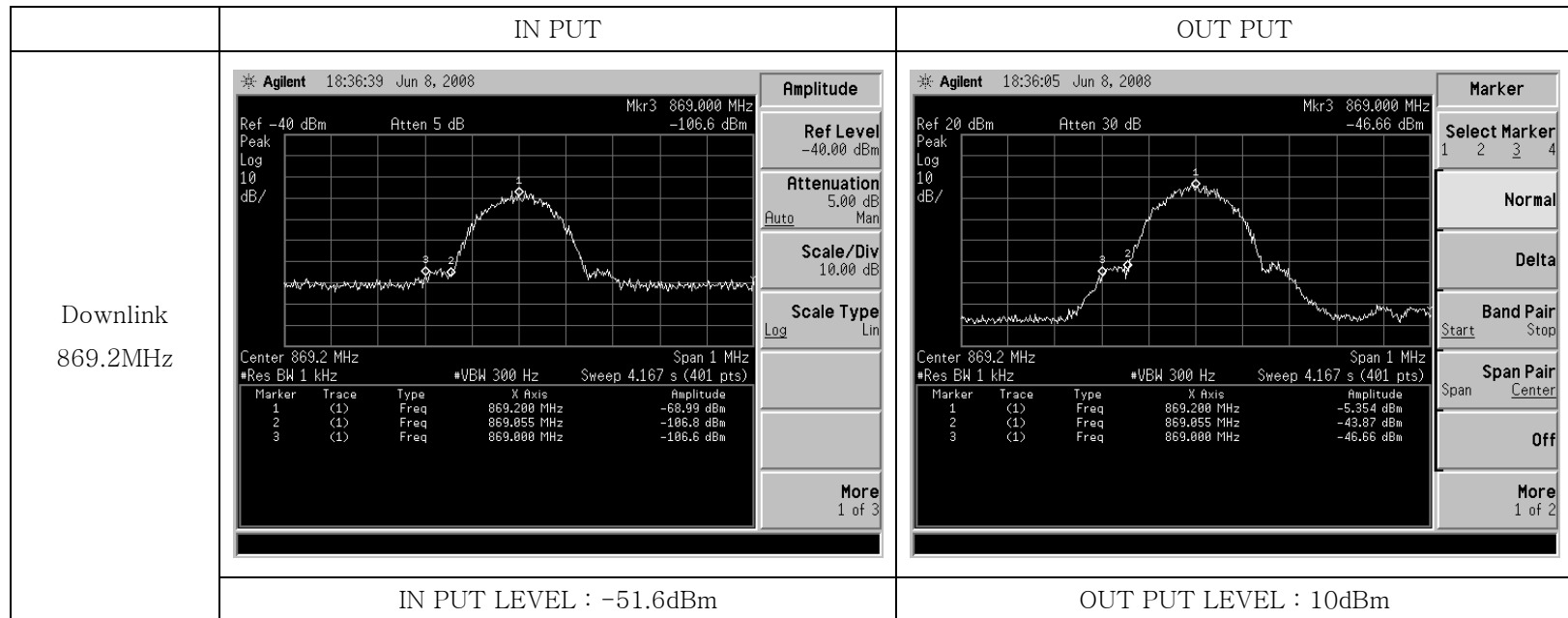


2.3 DOWNLINK – GSM 869.2MHZ

NOTES:

Uplink Max input power is -51.6dBm

GSM real time I/Q baseband

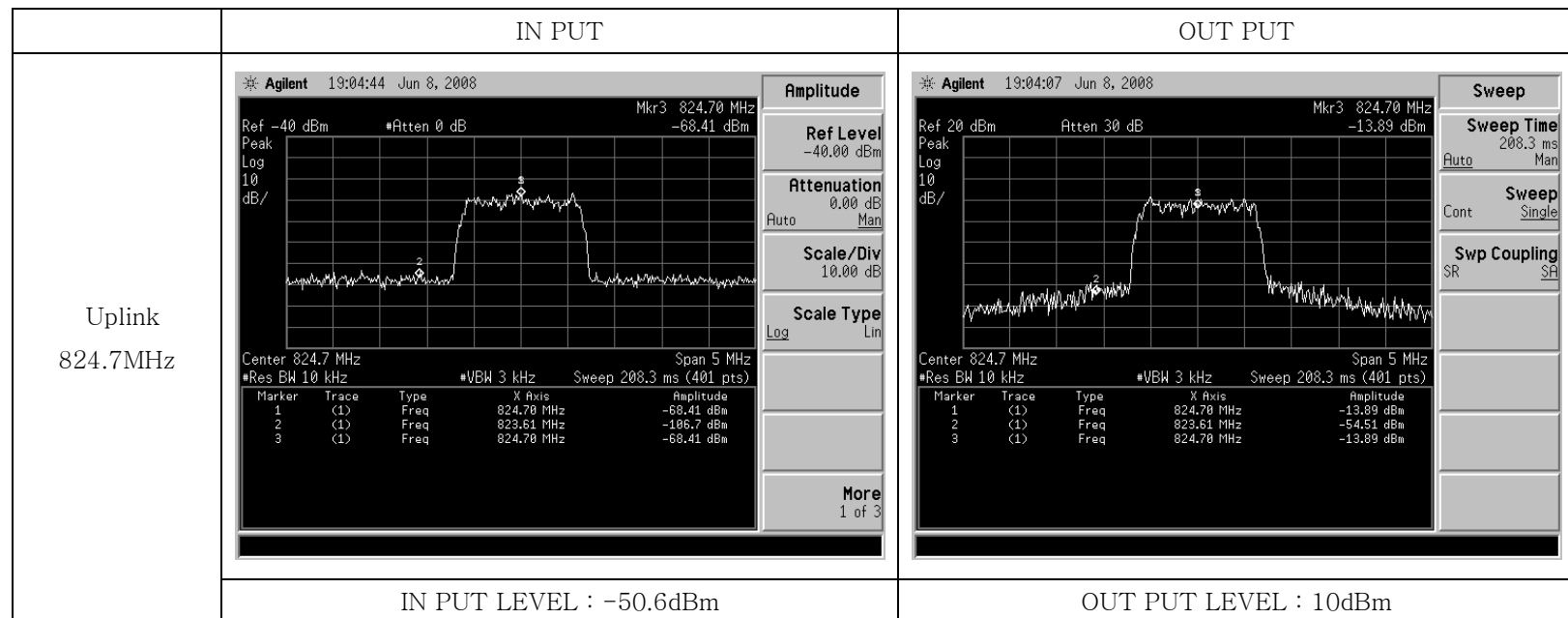


2.4 UPLINK – CDMA 824.7MHZ

NOTES:

Uplink Max input power is -50.6dBm

CDMA IS-95

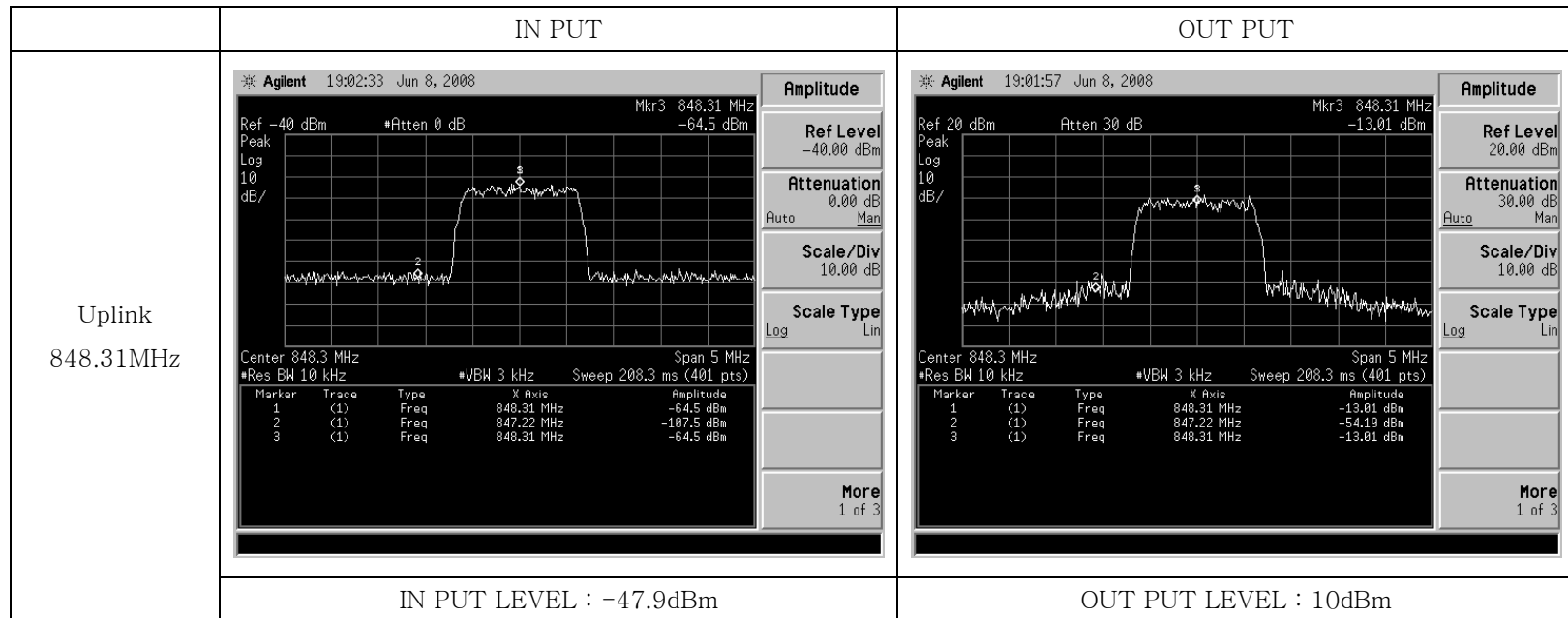


2.5 UPLINK – CDMA 848.31MHZ

NOTES:

Uplink Max input power is -47.9dBm

CDMA IS-95

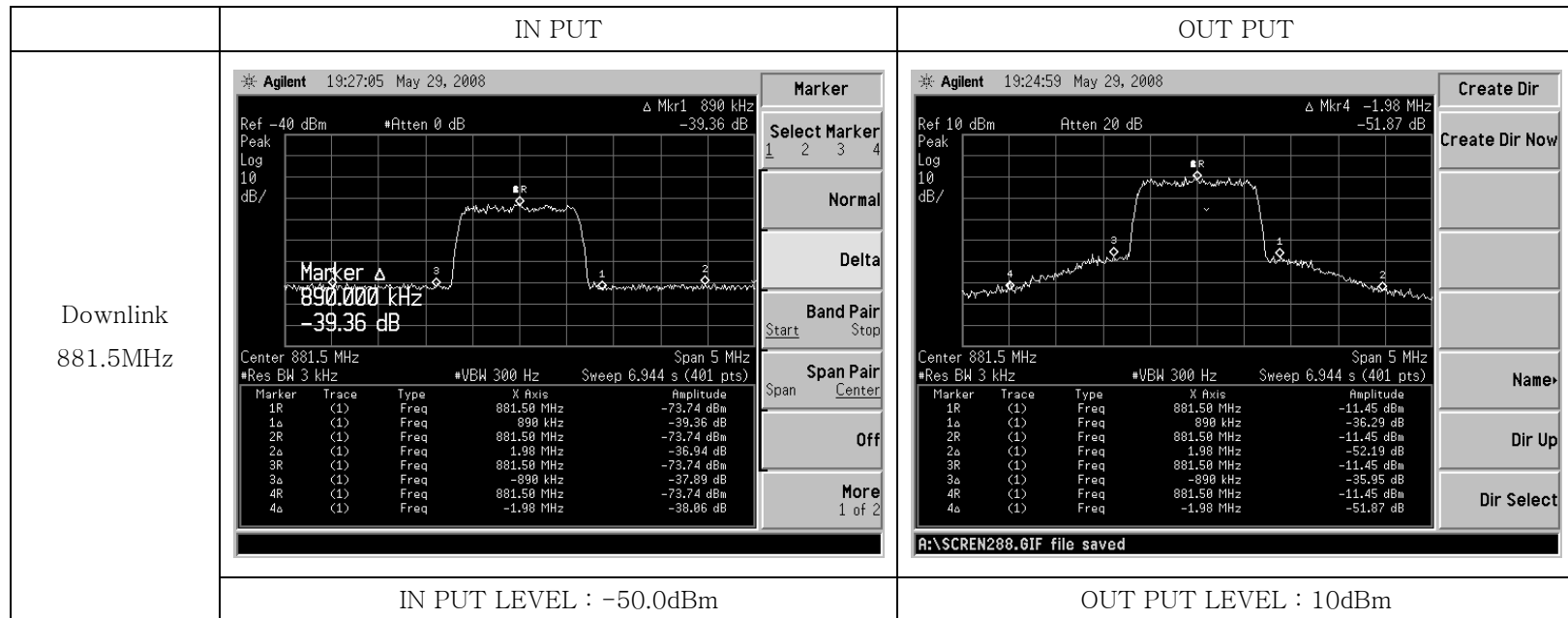


2.6 DOWNLINK – CDMA 881.5MHZ

NOTES:

Uplink Max input power is -50.0dBm

CDMA IS-95

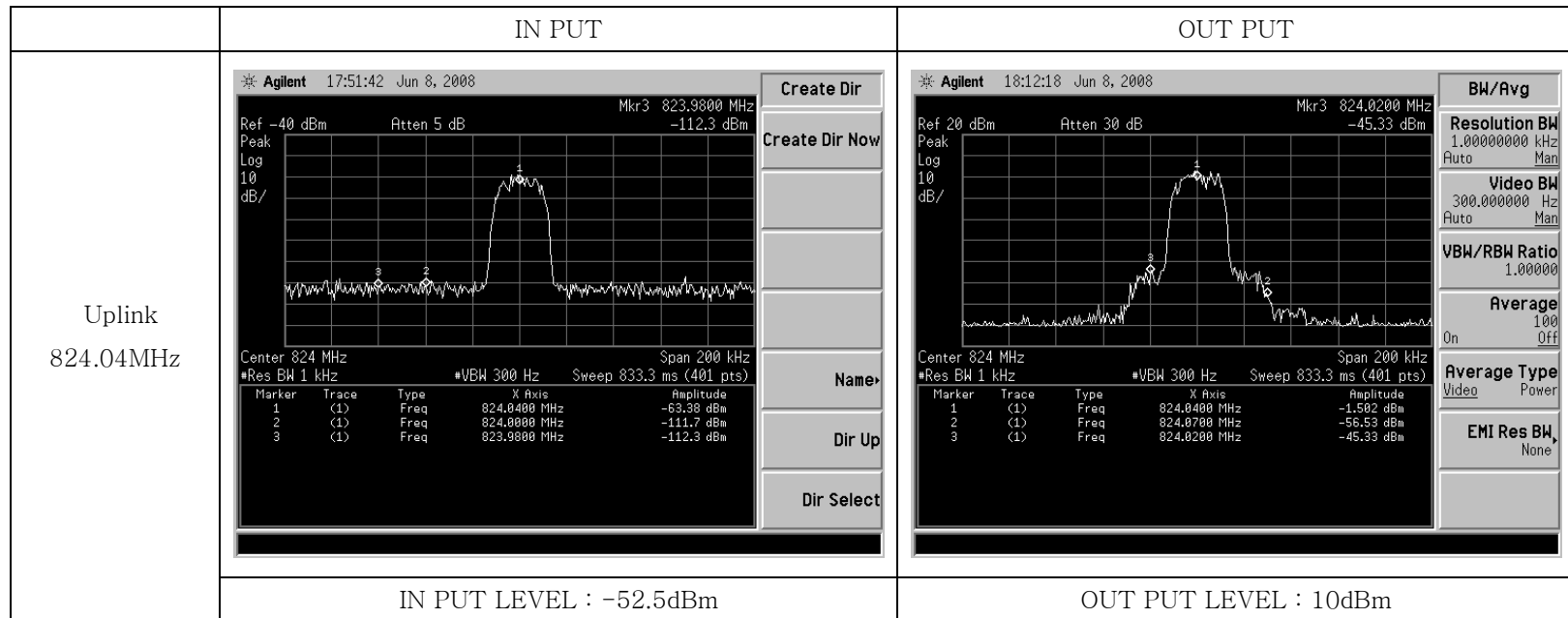


2.7 UPLINK – TDMA 824.04MHZ

NOTES:

Uplink Max input power is -52.5dBm

TDMA pi/4 DQPSK

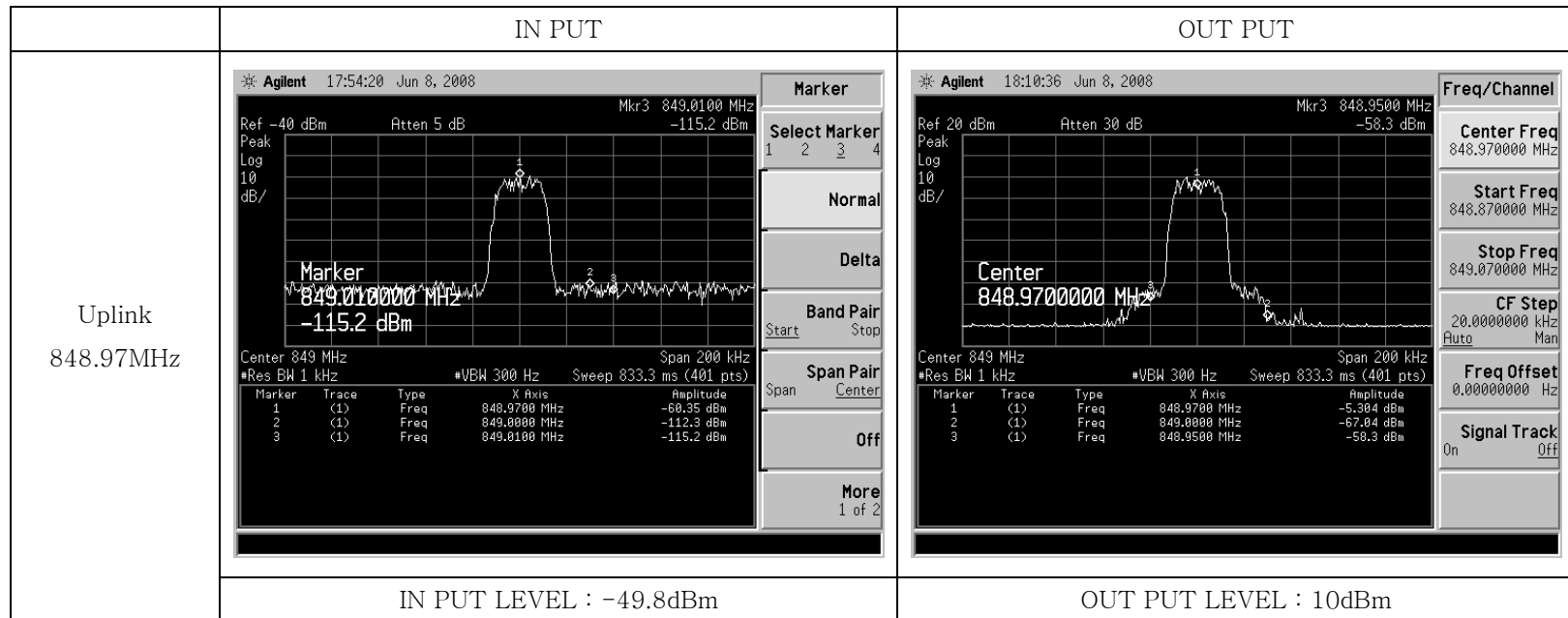


2.8 UPLINK – TDMA 848.97MHZ

NOTES:

Uplink Max input power is -49.8dBm

TDMA pi/4 DQPSK

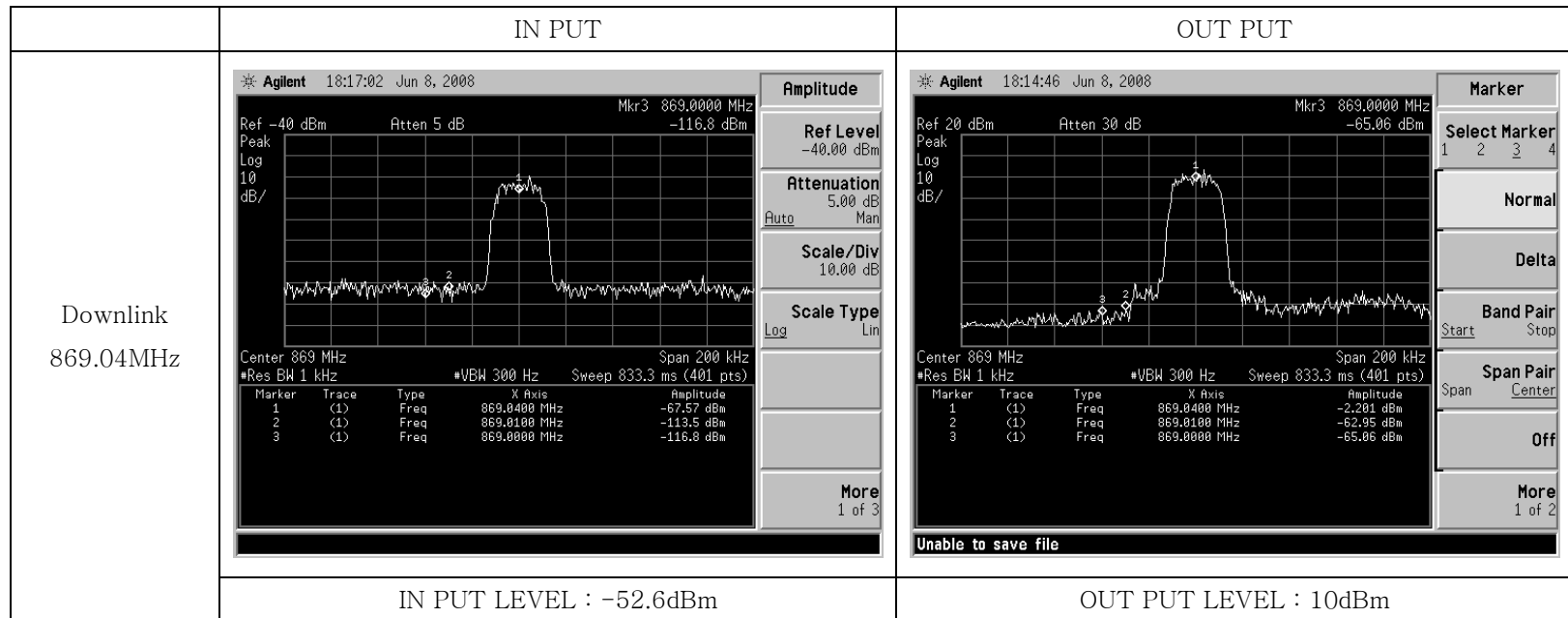


2.9 DOWNLINK – TDMA 869.04MHZ

NOTES:

Uplink Max input power is -52.6dBm

TDMA pi/4 DQPSK

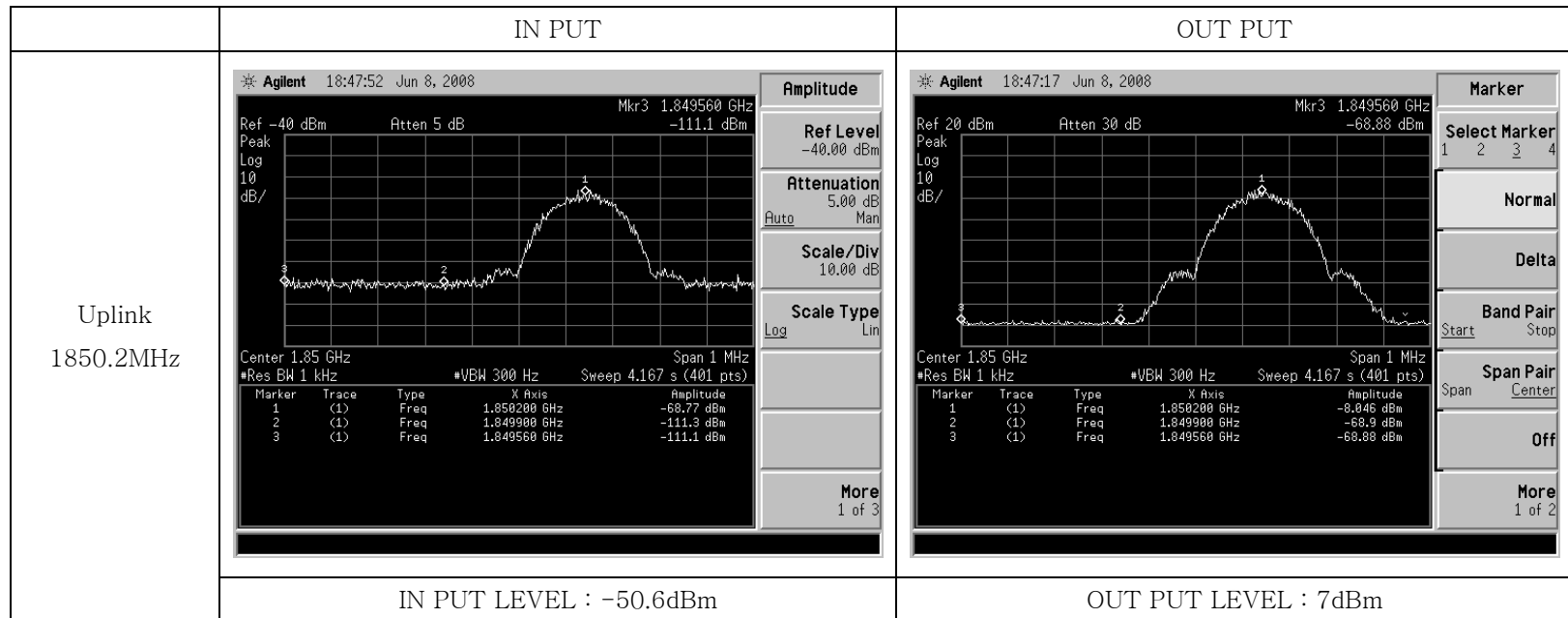


3.1 UPLINK – GSM 1850.2MHZ

NOTES:

Uplink Max input power is -50.6dBm

GSM real time I/Q baseband

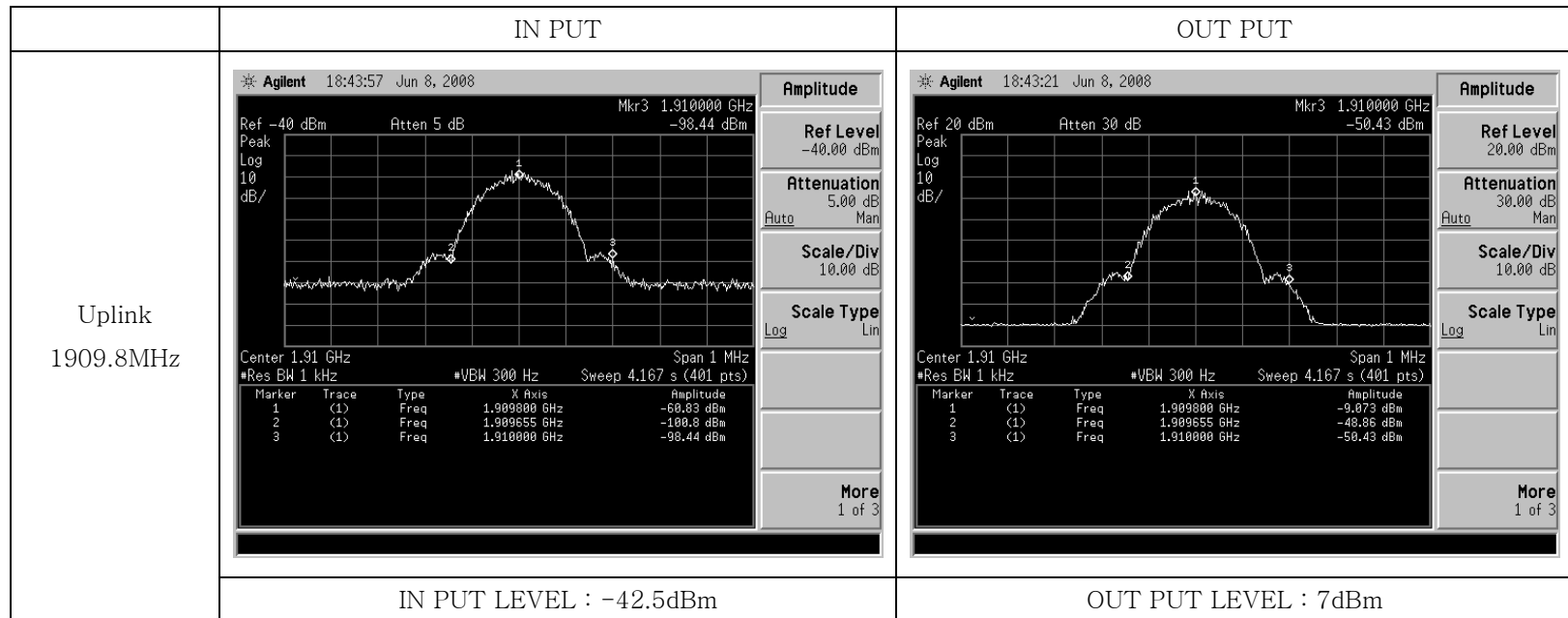


3.2 UPLINK – GSM 1909.8MHZ

NOTES:

Uplink Max input power is -49.5dBm

GSM real time I/Q baseband

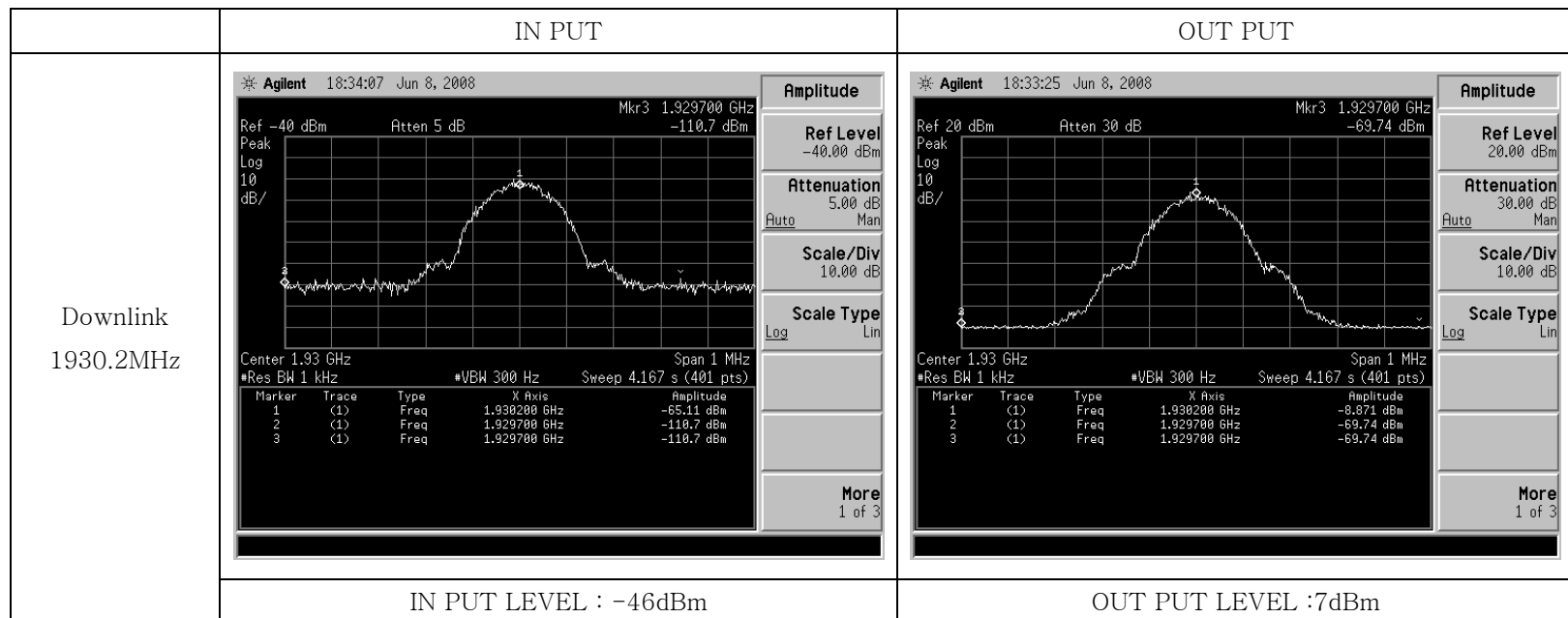


3.3 DOWNLINK – GSM 1930.2MHZ

NOTES:

Uplink Max input power is -46dBm

GSM real time I/Q baseband

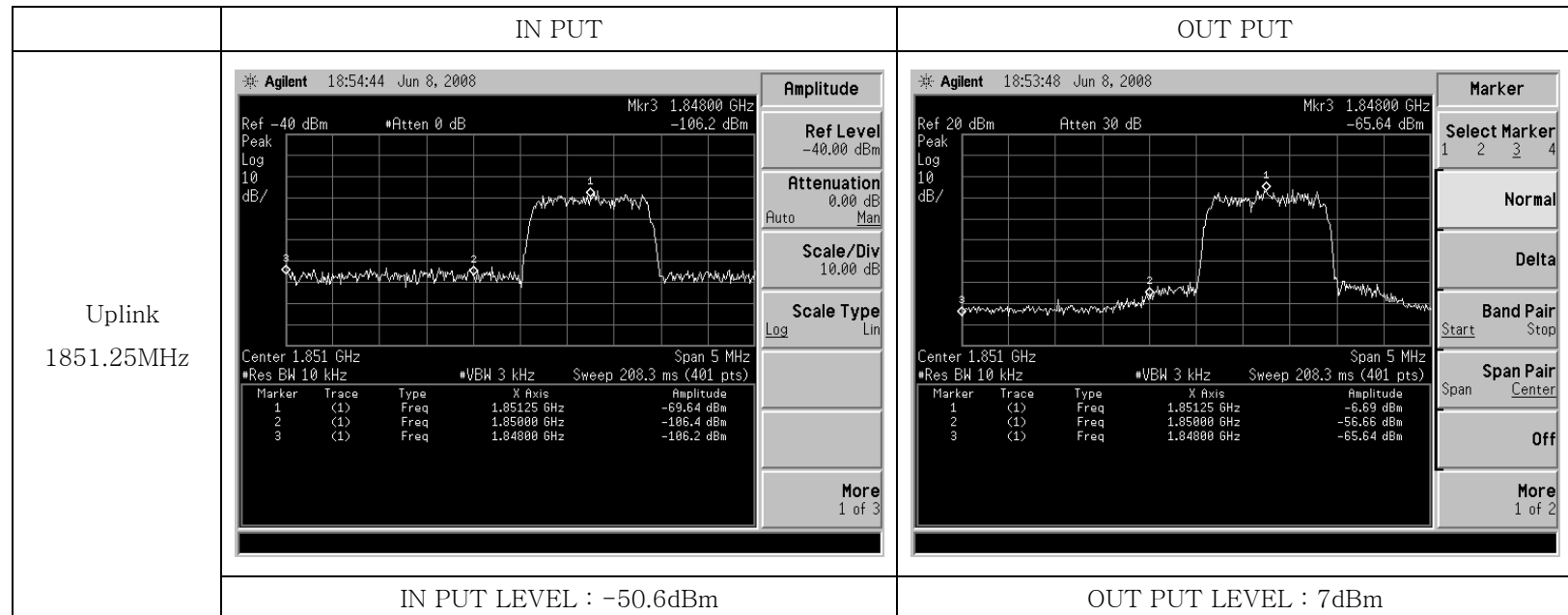


3.4 UPLINK – CDMA 1851.25MHZ

NOTES:

Uplink Max input power is -50.6dBm

CDMA IS-95

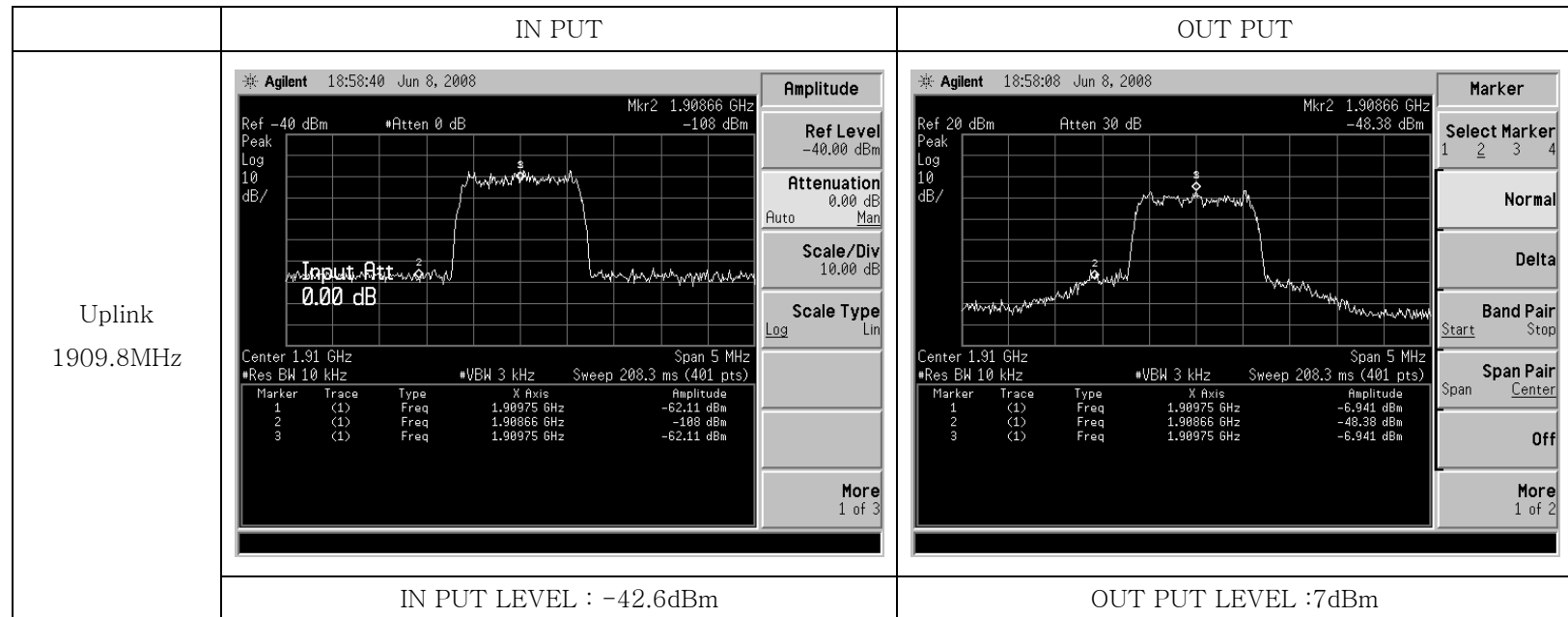


3.5 UPLINK – CDMA 1909.8MHZ

NOTES:

Uplink Max input power is -42.6dBm

CDMA IS-95

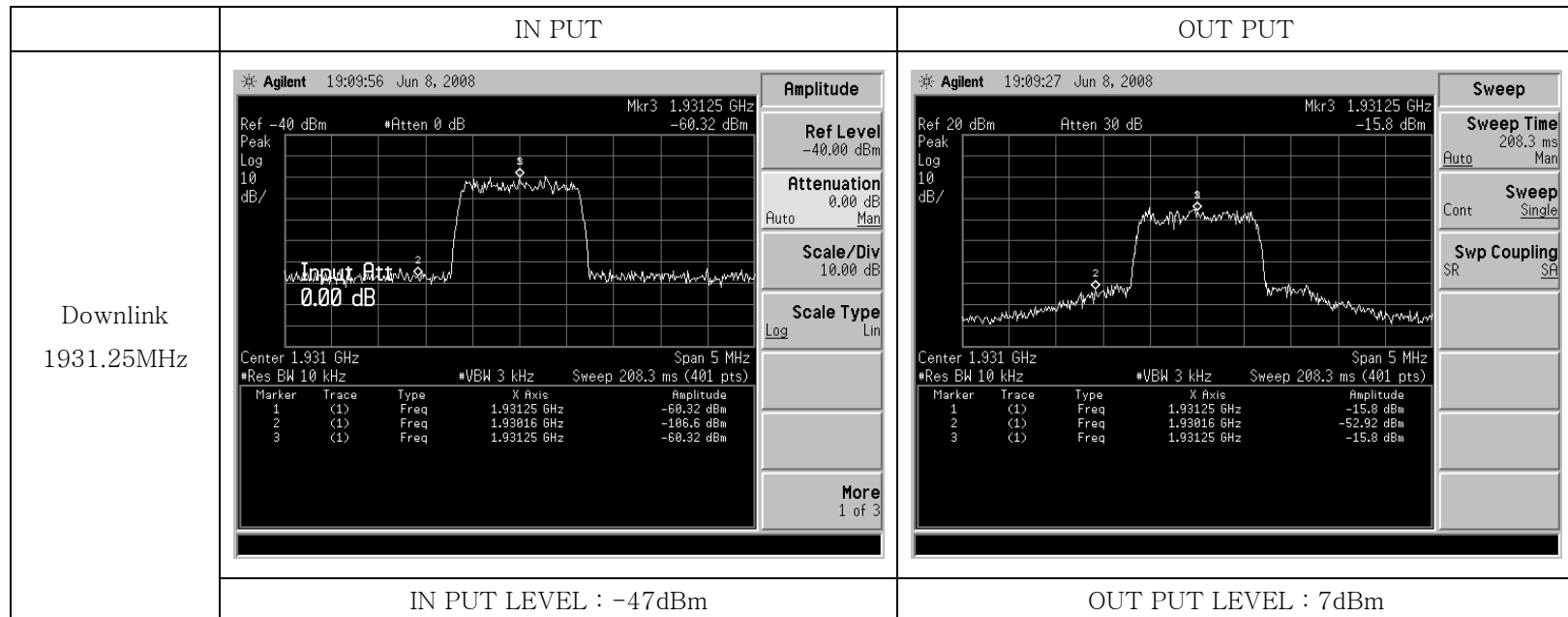


3.6 DOWNLINK – CDMA 1931.25MHZ

NOTES:

Uplink Max input power is -47dBm

CDMA IS-95

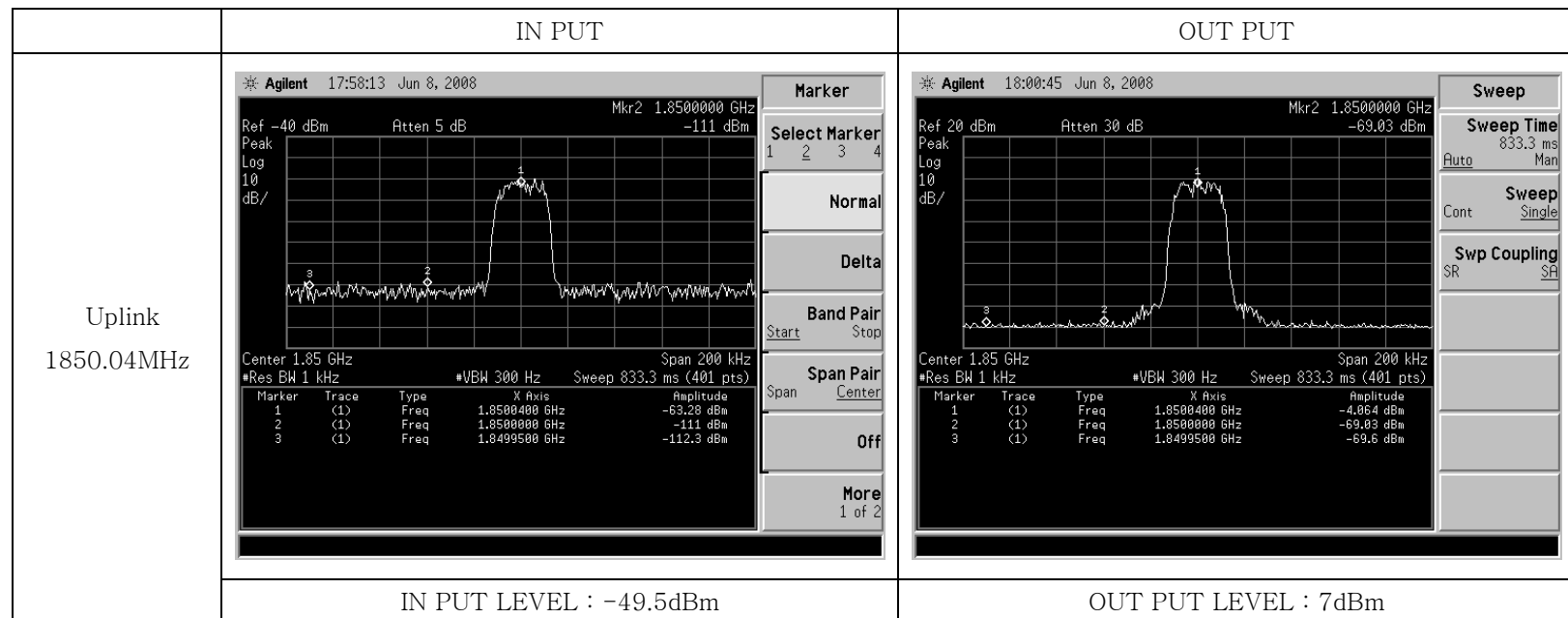


3.7 UPLINK – TDMA 1850.04MHZ

NOTES:

Uplink Max input power is -49.5dBm

TDMA pi/4 DQPSK

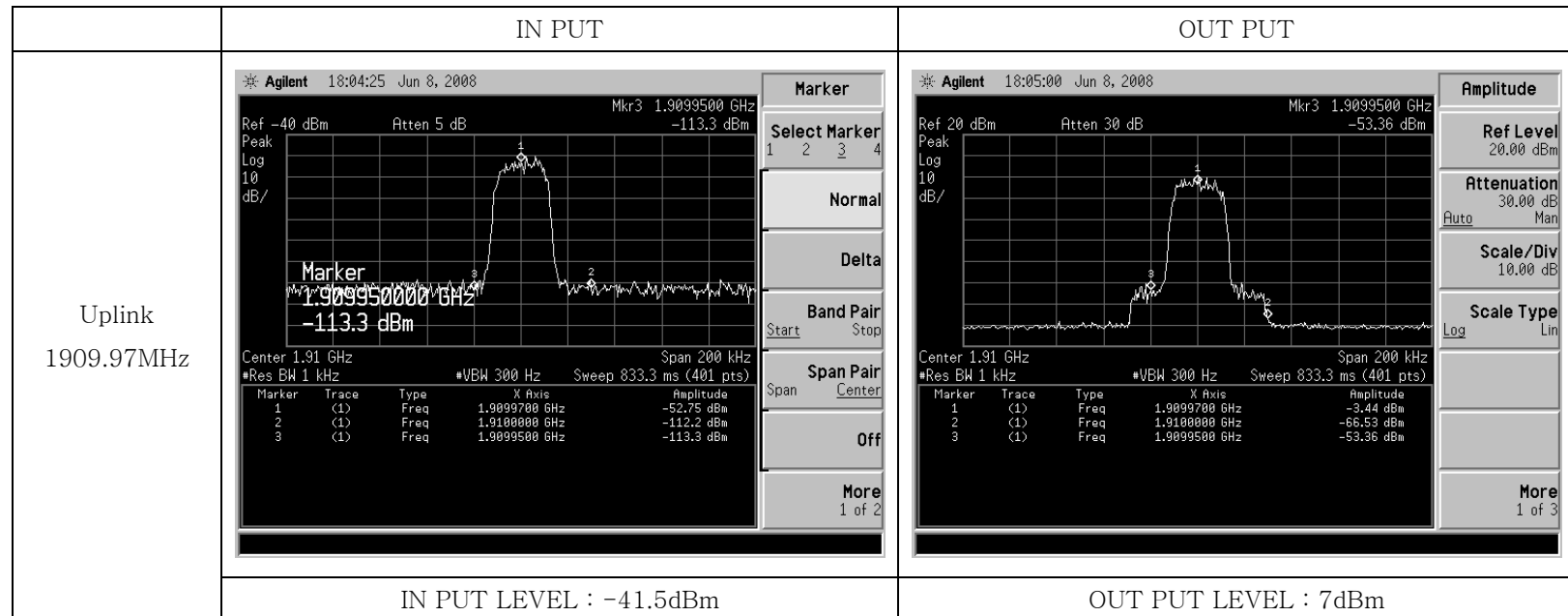


3.8 UPLINK – TDMA 1909.97MHZ

NOTES:

Uplink Max input power is -41.5dBm

TDMA pi/4 DQPSK



3.9 UPLINK – TDMA 1989.97MHZ

NOTES:

Uplink Max input power is -50.6dBm

TDMA pi/4 DQPSK

