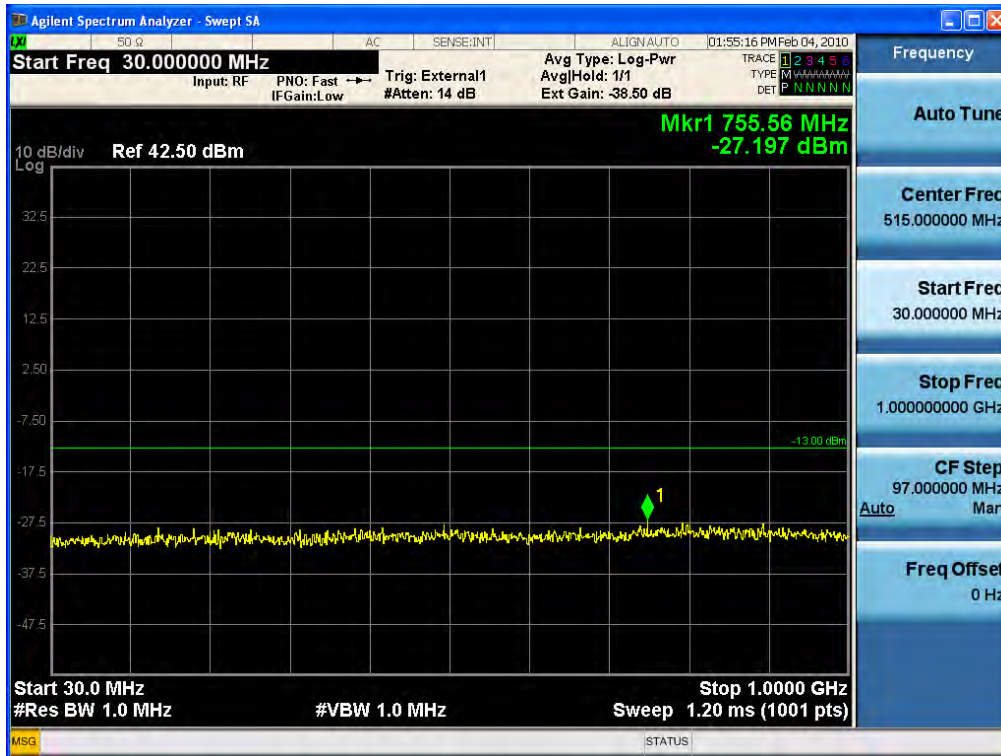


(64QAM High Channel)



(30 MHz ~ 1 GHz)

(64QAM Low Channel)



(1 GHz ~ 26.5 GHz)

HCT PT.27 TEST REPORT	FCC CERTIFICATION REPORT			www.hct.co.kr
Test Report No. HCTR1002FR21	Test Dates: February 18, 2010	EUT Type: Mobile WiMAX Outdoor RAS	FCC ID: A3LSPI-2210022502	Page 121 of 166

(64QAM Middle Channel)



(1 GHz ~ 26.5 GHz)

(64QAM High Channel)

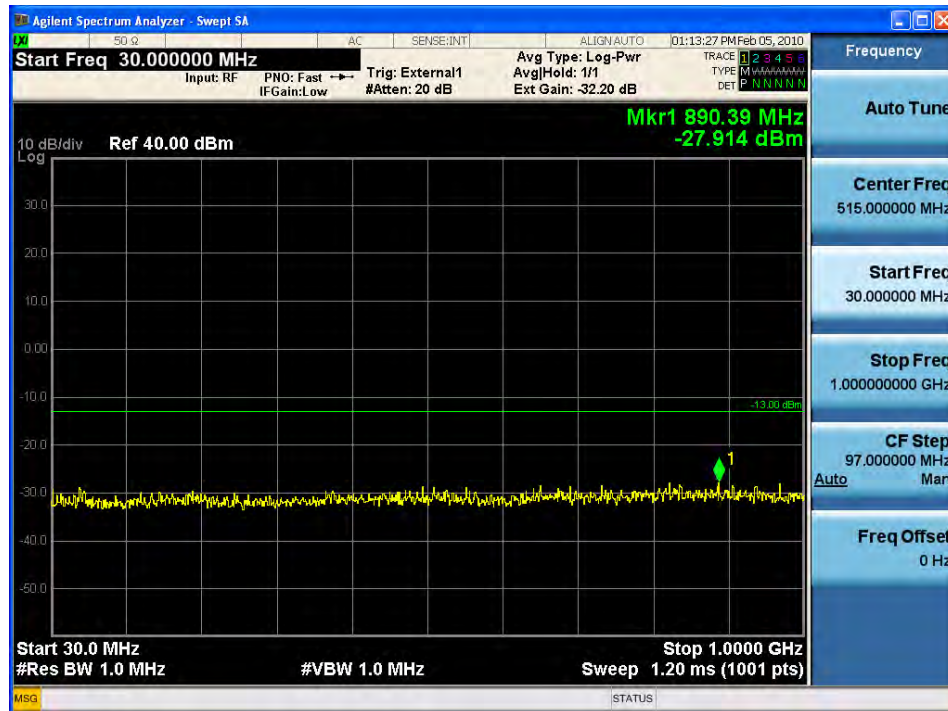


(1 GHz ~ 26.5 GHz)

HCT PT.27 TEST REPORT	FCC CERTIFICATION REPORT			www.hct.co.kr
Test Report No. HCTR1002FR21	Test Dates: February 18, 2010	EUT Type: Mobile WiMAX Outdoor RAS	FCC ID: A3LSPI-2210022502	Page 122 of 166

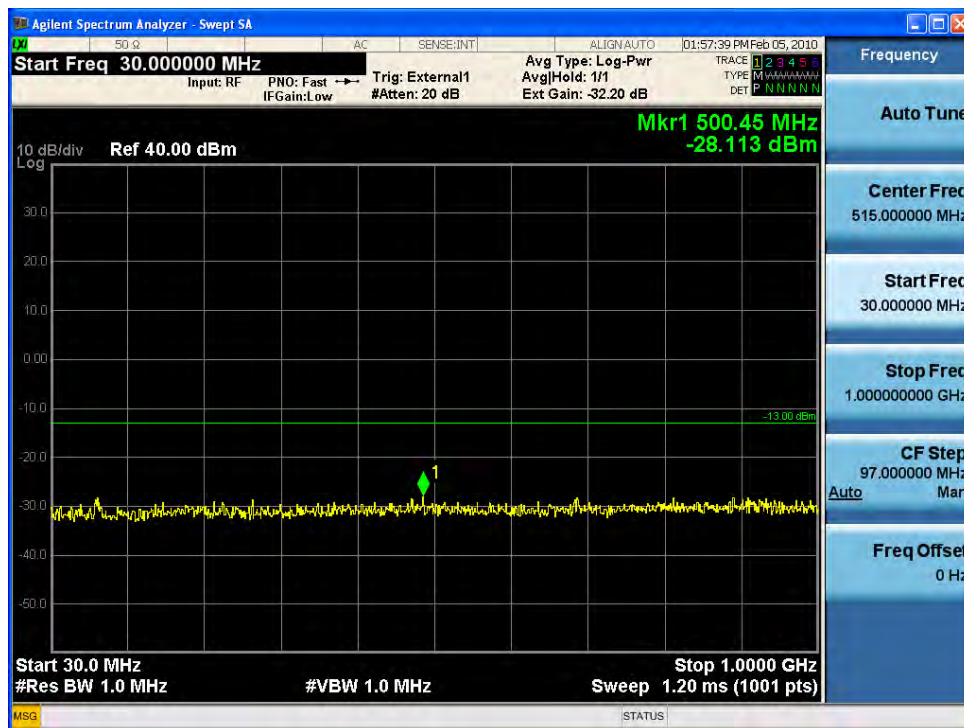
8.4.3. Plot Data at Output Beta 0

(QPSK Low Channel)



(30 MHz ~ 1 GHz)

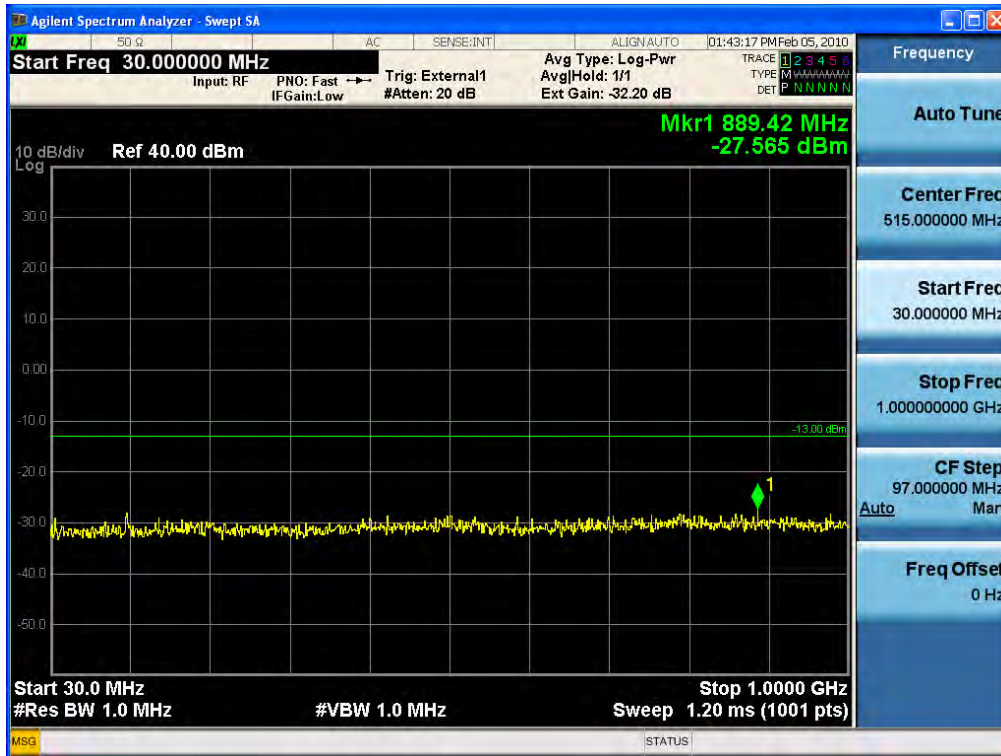
(QPSK Middle Channel)



(30 MHz ~ 1 GHz)

HCT PT.27 TEST REPORT	FCC CERTIFICATION REPORT			www.hct.co.kr
Test Report No. HCTR1002FR21	Test Dates: February 18, 2010	EUT Type: Mobile WiMAX Outdoor RAS	FCC ID: A3LSPI-2210022502	Page 123 of 166

(QPSK High Channel)



(30 MHz ~ 1 GHz)

(QPSK Low Channel)



(1 GHz ~ 26.5 GHz)

HCT PT.27 TEST REPORT	FCC CERTIFICATION REPORT			www.hct.co.kr
Test Report No. HCTR1002FR21	Test Dates: February 18, 2010	EUT Type: Mobile WiMAX Outdoor RAS	FCC ID: A3LSPI-2210022502	Page 124 of 166

(QPSK Middle Channel)



(1 GHz ~ 26.5 GHz)

(QPSK High Channel)



(1 GHz ~ 26.5 GHz)

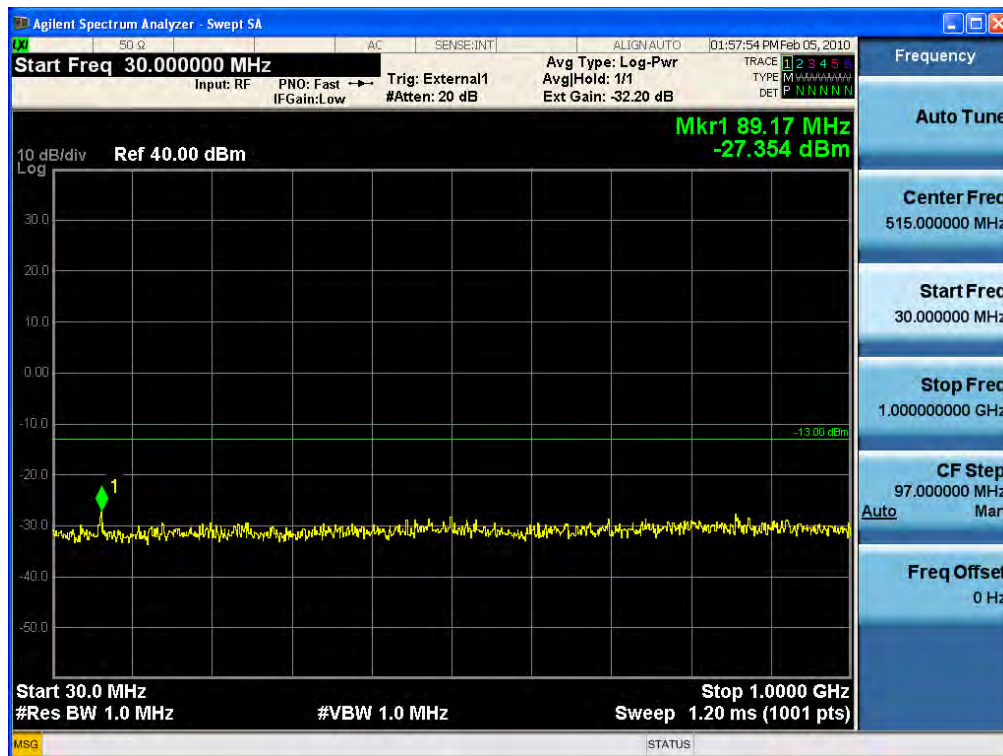
HCT PT.27 TEST REPORT	FCC CERTIFICATION REPORT			www.hct.co.kr
Test Report No. HCTR1002FR21	Test Dates: February 18, 2010	EUT Type: Mobile WiMAX Outdoor RAS	FCC ID: A3LSPI-2210022502	Page 125 of 166

(16QAM LOW Channel)



(30 MHz ~ 1 GHz)

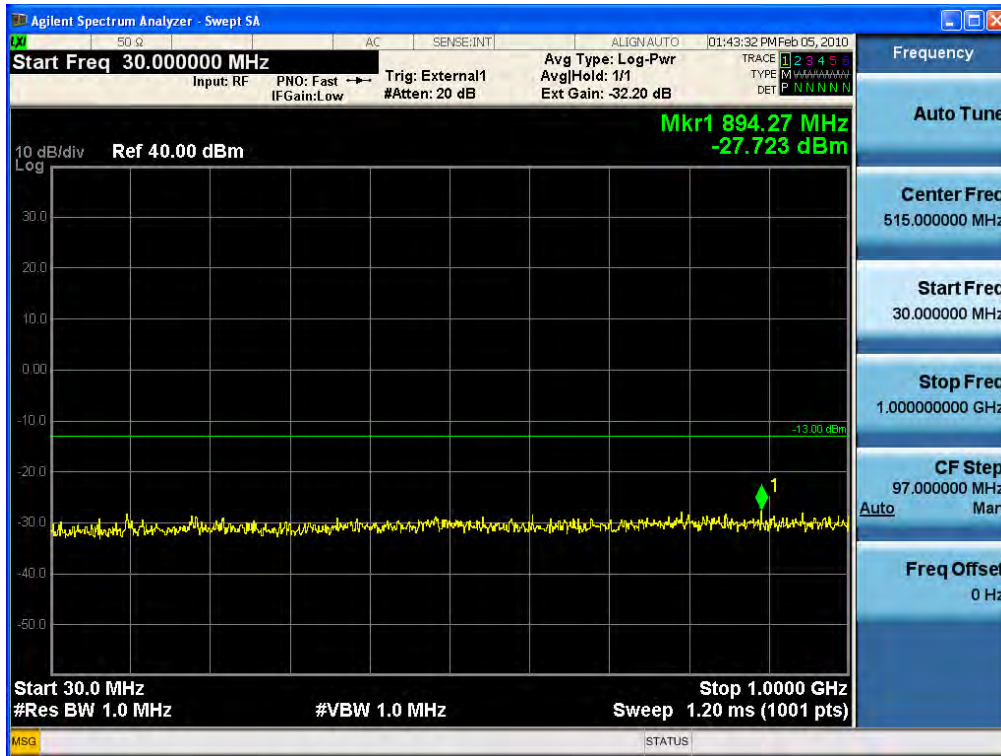
(16QAM Middle Channel)



(30 MHz ~ 1 GHz)

HCT PT.27 TEST REPORT	FCC CERTIFICATION REPORT			www.hct.co.kr
Test Report No. HCTR1002FR21	Test Dates: February 18, 2010	EUT Type: Mobile WiMAX Outdoor RAS	FCC ID: A3LSPI-2210022502	Page 126 of 166

(16QAM High Channel)



(30 MHz ~ 1 GHz)

(16QAM LOW Channel)



(1 GHz ~ 26.5 GHz)

HCT PT.27 TEST REPORT	FCC CERTIFICATION REPORT			www.hct.co.kr
Test Report No. HCTR1002FR21	Test Dates: February 18, 2010	EUT Type: Mobile WiMAX Outdoor RAS	FCC ID: A3LSPI-2210022502	Page 127 of 166

(16QAM Middle Channel)



(1 GHz ~ 26.5 GHz)

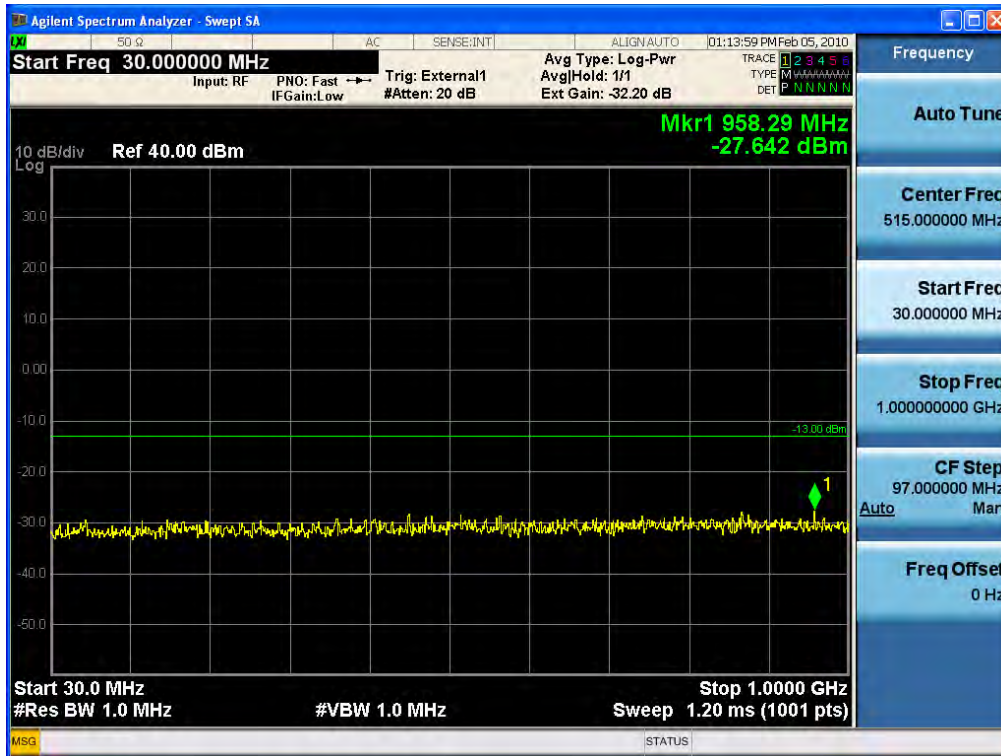
(16QAM High Channel)



(1 GHz ~ 26.5 GHz)

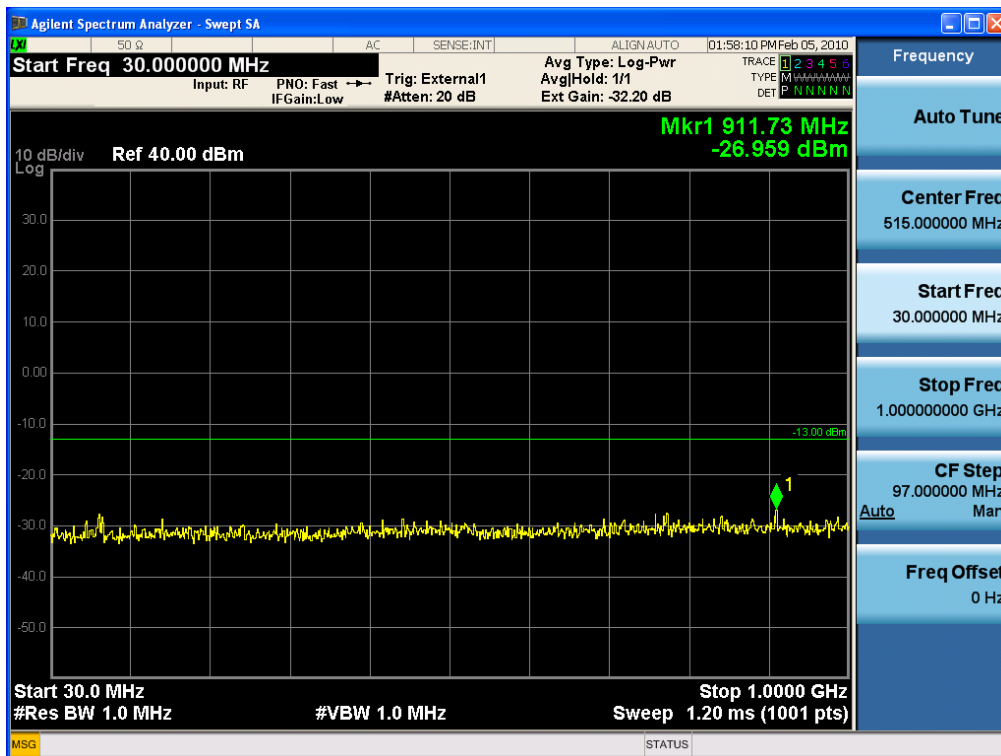
HCT PT.27 TEST REPORT	FCC CERTIFICATION REPORT			www.hct.co.kr
Test Report No. HCTR1002FR21	Test Dates: February 18, 2010	EUT Type: Mobile WiMAX Outdoor RAS	FCC ID: A3LSPI-2210022502	Page 128 of 166

(64QAM Low Channel)



(30 MHz ~ 1 GHz)

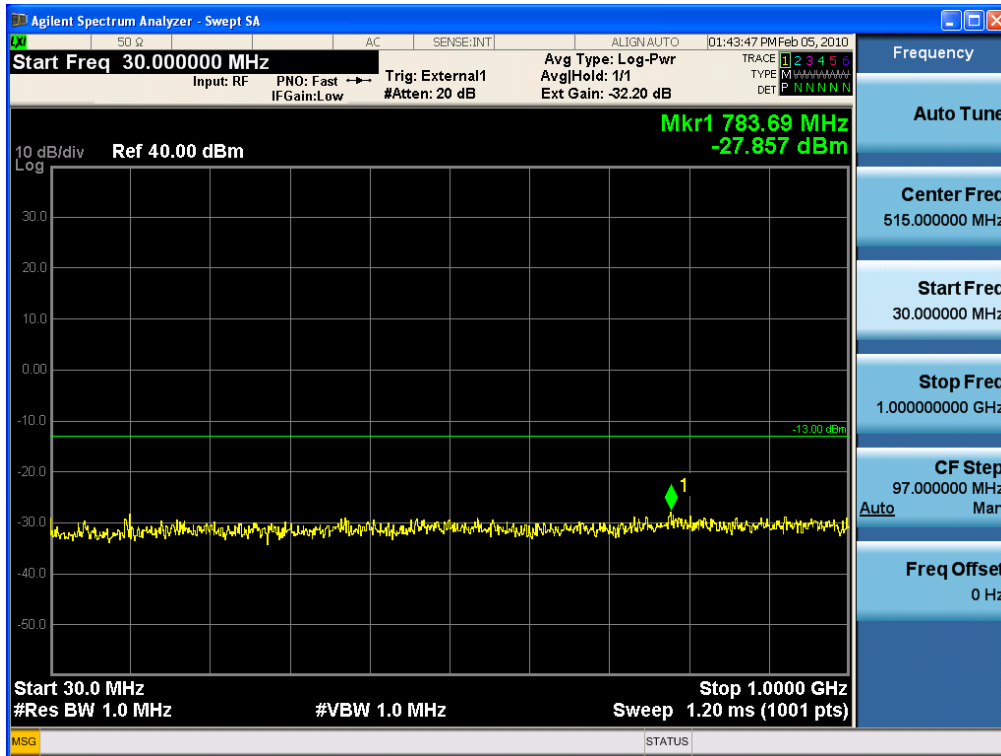
(64QAM Middle Channel)



(30 MHz ~ 1 GHz)

HCT PT.27 TEST REPORT	FCC CERTIFICATION REPORT			www.hct.co.kr
Test Report No. HCTR1002FR21	Test Dates: February 18, 2010	EUT Type: Mobile WiMAX Outdoor RAS	FCC ID: A3LSPI-2210022502	Page 129 of 166

(64QAM High Channel)



(30 MHz ~ 1 GHz)

(64QAM Low Channel)



(1 GHz ~ 26.5 GHz)

HCT PT.27 TEST REPORT	FCC CERTIFICATION REPORT			www.hct.co.kr
Test Report No. HCTR1002FR21	Test Dates: February 18, 2010	EUT Type: Mobile WiMAX Outdoor RAS	FCC ID: A3LSPI-2210022502	Page 130 of 166

(64QAM Middle Channel)



(1 GHz ~ 26.5 GHz)

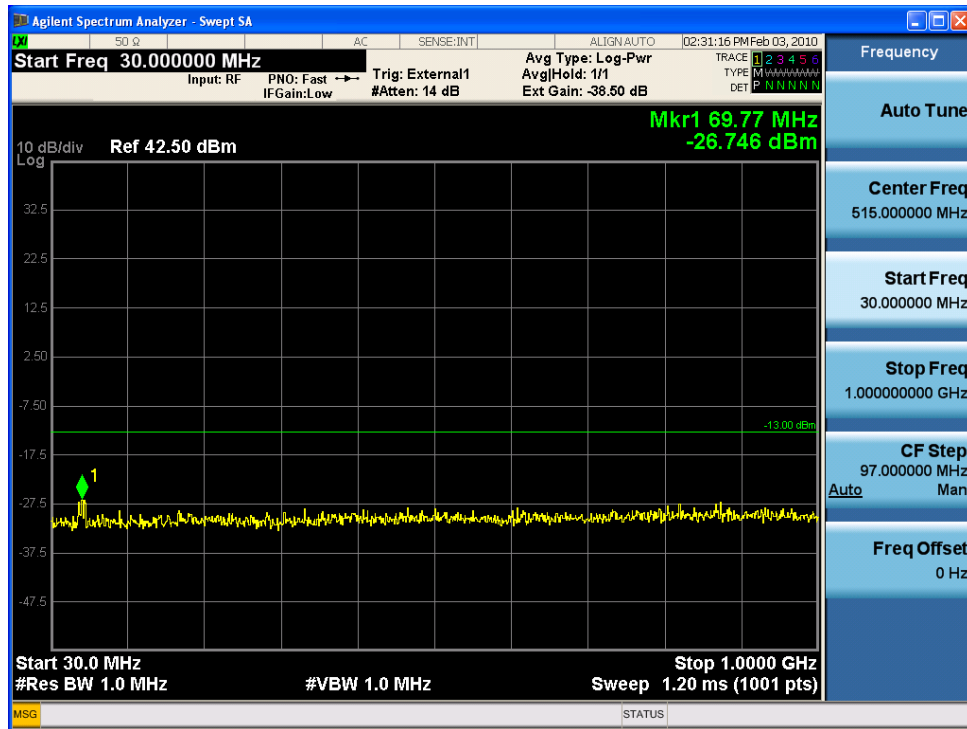
(64QAM High Channel)



(1 GHz ~ 26.5 GHz)

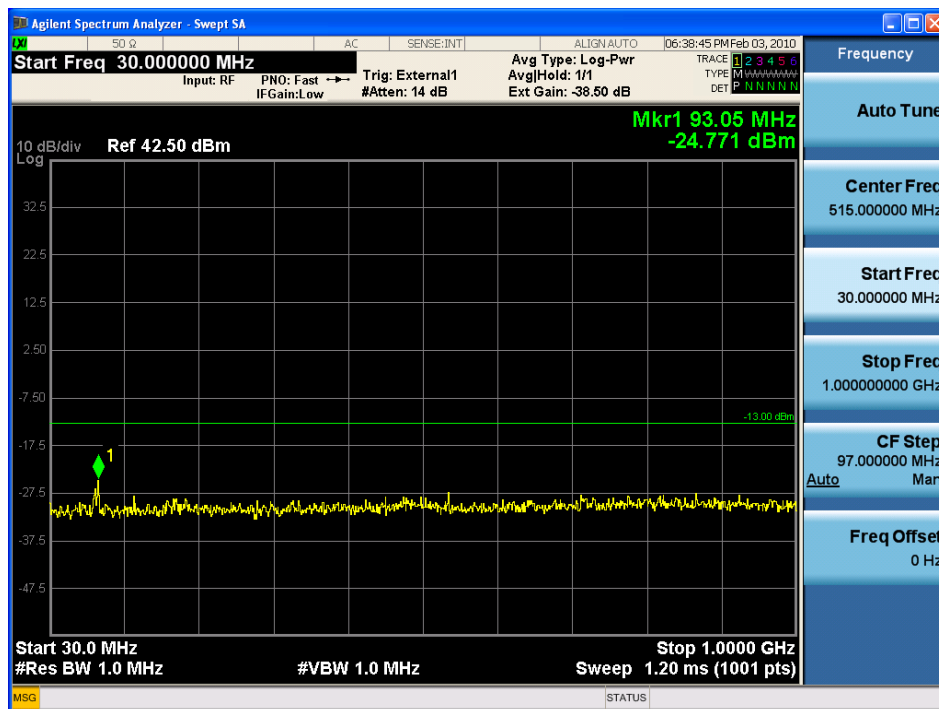
HCT PT.27 TEST REPORT	FCC CERTIFICATION REPORT			www.hct.co.kr
Test Report No. HCTR1002FR21	Test Dates: February 18, 2010	EUT Type: Mobile WiMAX Outdoor RAS	FCC ID: A3LSPI-2210022502	Page 131 of 166

8.4.4. Combined Plot Data at Output (QPSK Low Channel)



(30 MHz ~ 1 GHz)

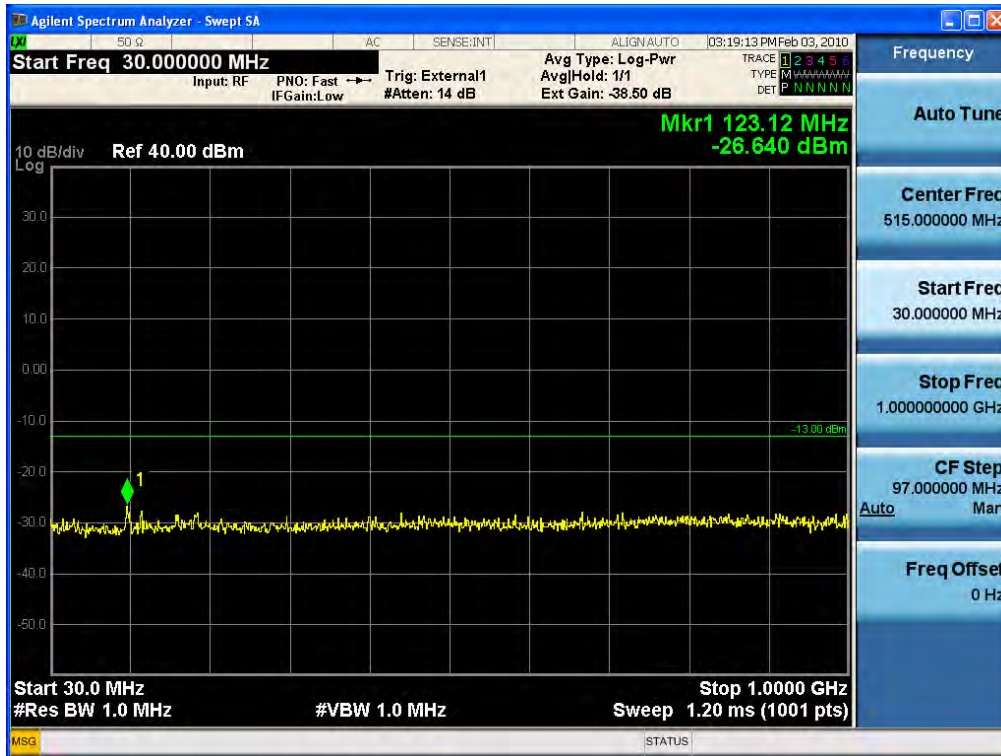
(QPSK Middle Channel)



(30 MHz ~ 1 GHz)

HCT PT.27 TEST REPORT	FCC CERTIFICATION REPORT			www.hct.co.kr
Test Report No. HCTR1002FR21	Test Dates: February 18, 2010	EUT Type: Mobile WiMAX Outdoor RAS	FCC ID: A3LSPI-2210022502	Page 132 of 166

(QPSK High Channel)



(30 MHz ~ 1 GHz)

(QPSK Low Channel)



(1 GHz ~ 26.5 GHz)

HCT PT.27 TEST REPORT	FCC CERTIFICATION REPORT			www.hct.co.kr
Test Report No. HCTR1002FR21	Test Dates: February 18, 2010	EUT Type: Mobile WiMAX Outdoor RAS	FCC ID: A3LSPI-2210022502	Page 133 of 166

(QPSK Middle Channel)



(1 GHz ~ 26.5 GHz)

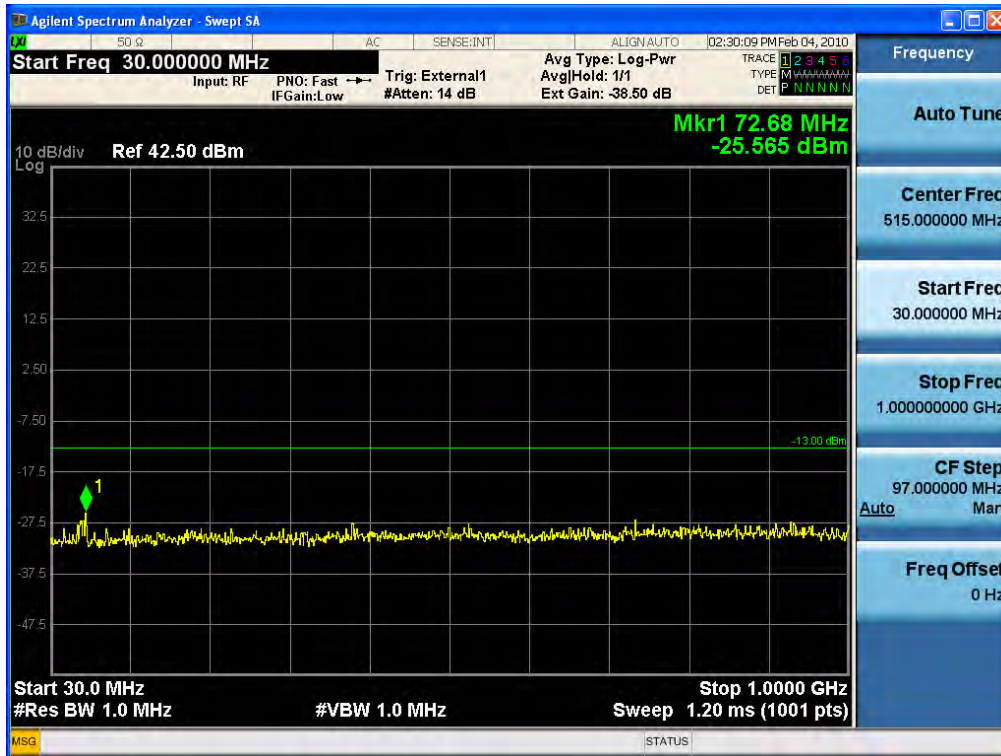
(QPSK High Channel)



(1 GHz ~ 26.5 GHz)

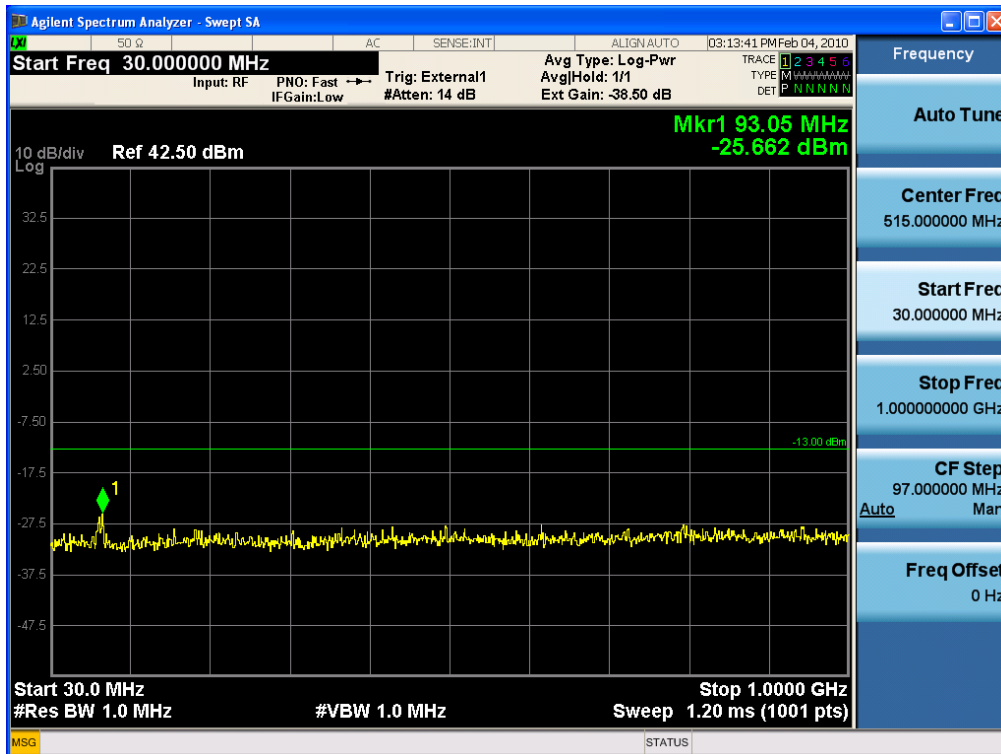
HCT PT.27 TEST REPORT	FCC CERTIFICATION REPORT			www.hct.co.kr
Test Report No. HCTR1002FR21	Test Dates: February 18, 2010	EUT Type: Mobile WiMAX Outdoor RAS	FCC ID: A3LSPI-2210022502	Page 134 of 166

(16QAM LOW Channel)



(30 MHz ~ 1 GHz)

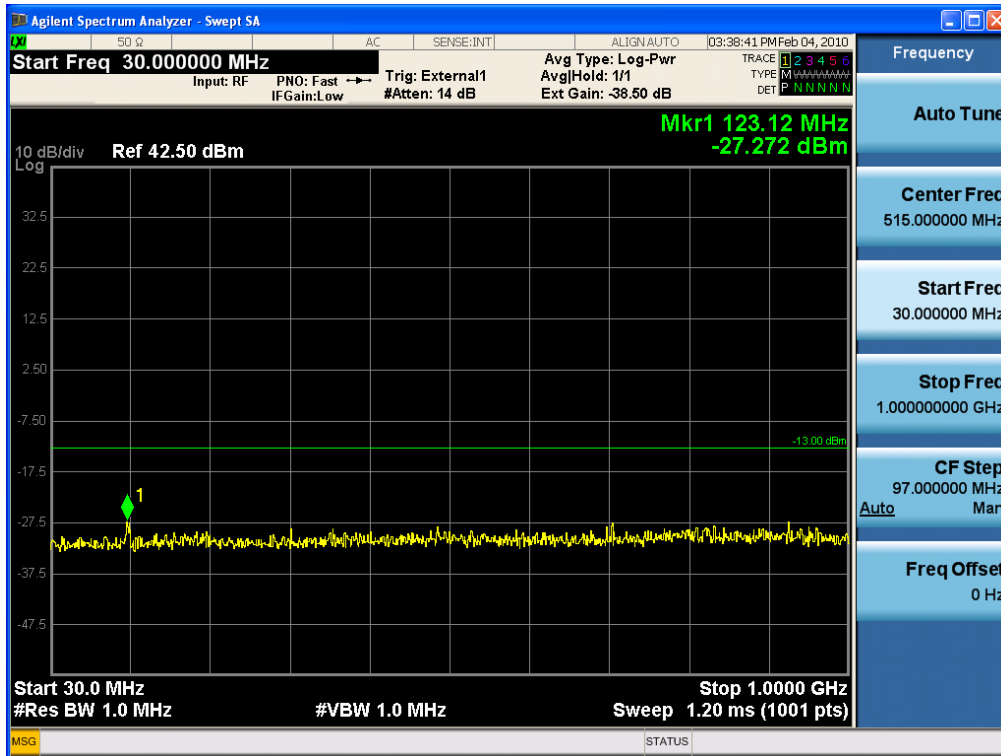
(16QAM Middle Channel)



(30 MHz ~ 1 GHz)

HCT PT.27 TEST REPORT	FCC CERTIFICATION REPORT			www.hct.co.kr
Test Report No. HCTR1002FR21	Test Dates: February 18, 2010	EUT Type: Mobile WiMAX Outdoor RAS	FCC ID: A3LSPI-2210022502	Page 135 of 166

(16QAM High Channel)



(30 MHz ~ 1 GHz)

(16QAM LOW Channel)



(1 GHz ~ 26.5 GHz)

HCT PT.27 TEST REPORT	FCC CERTIFICATION REPORT			www.hct.co.kr
Test Report No. HCTR1002FR21	Test Dates: February 18, 2010	EUT Type: Mobile WiMAX Outdoor RAS	FCC ID: A3LSPI-2210022502	Page 136 of 166

(16QAM Middle Channel)



(1 GHz ~ 26.5 GHz)

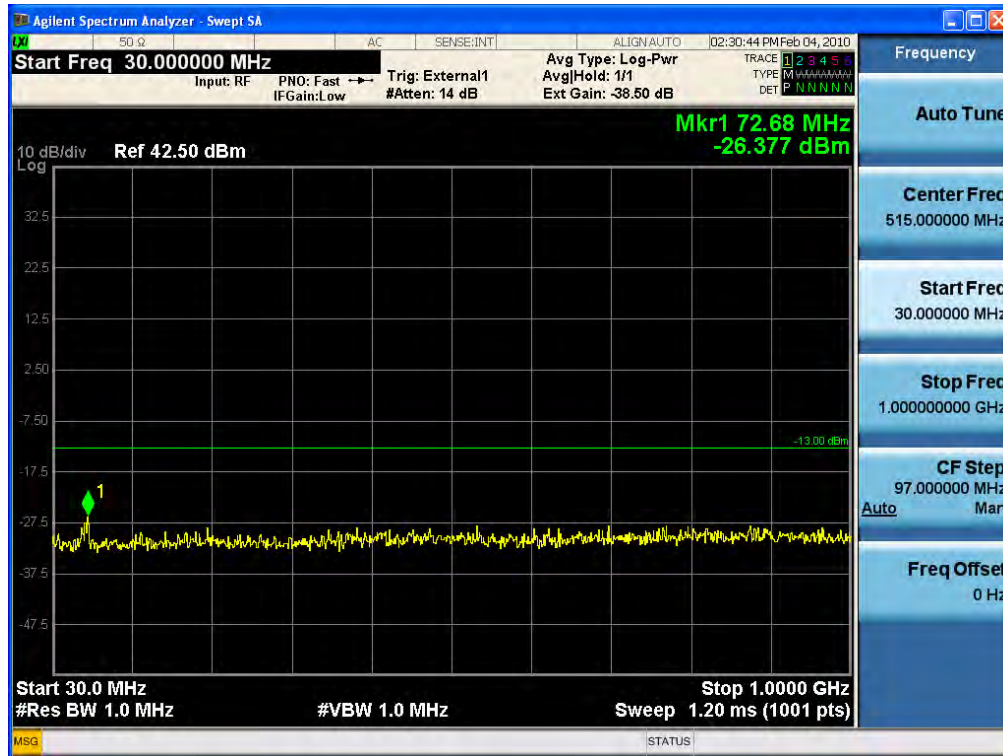
(16QAM High Channel)



(1 GHz ~ 26.5 GHz)

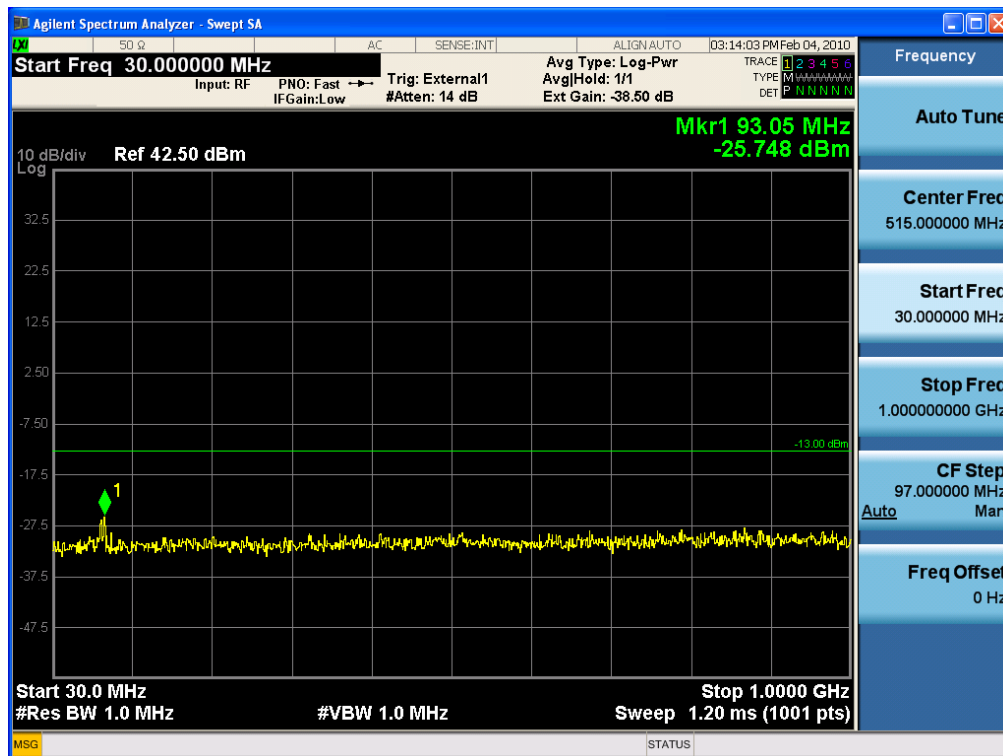
HCT PT.27 TEST REPORT	FCC CERTIFICATION REPORT			www.hct.co.kr
Test Report No. HCTR1002FR21	Test Dates: February 18, 2010	EUT Type: Mobile WiMAX Outdoor RAS	FCC ID: A3LSPI-2210022502	Page 137 of 166

(64QAM Low Channel)



(30 MHz ~ 1 GHz)

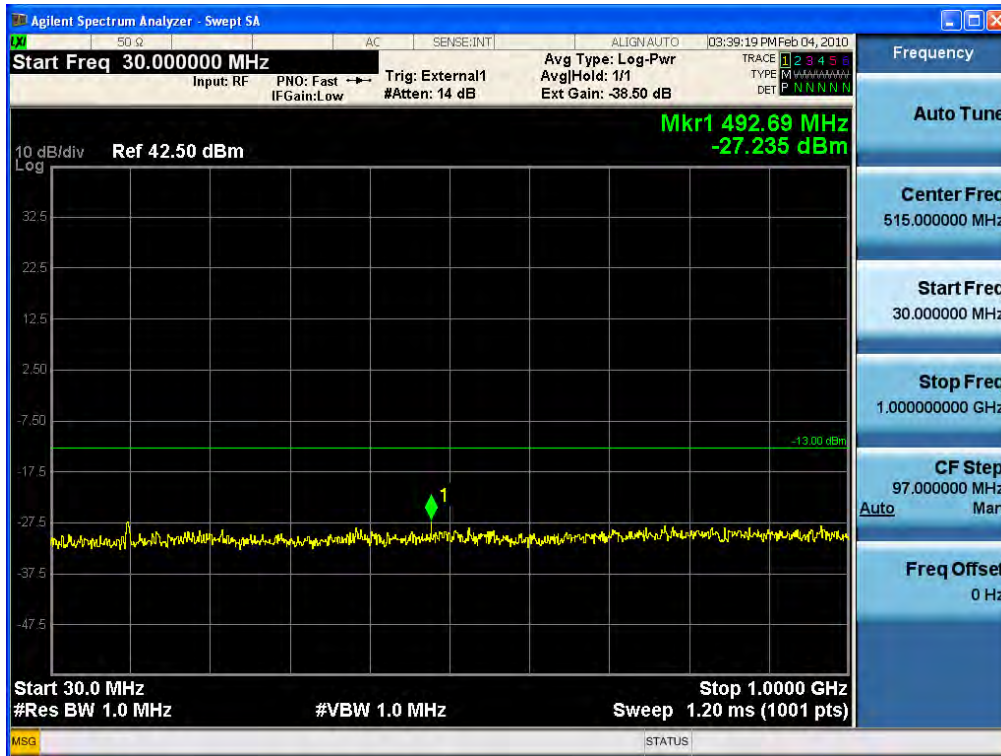
(64QAM Middle Channel)



(30 MHz ~ 1 GHz)

HCT PT.27 TEST REPORT	FCC CERTIFICATION REPORT			www.hct.co.kr
Test Report No. HCTR1002FR21	Test Dates: February 18, 2010	EUT Type: Mobile WiMAX Outdoor RAS	FCC ID: A3LSPI-2210022502	Page 138 of 166

(64QAM High Channel)



(30 MHz ~ 1 GHz)

(64QAM Low Channel)



(1 GHz ~ 26.5 GHz)

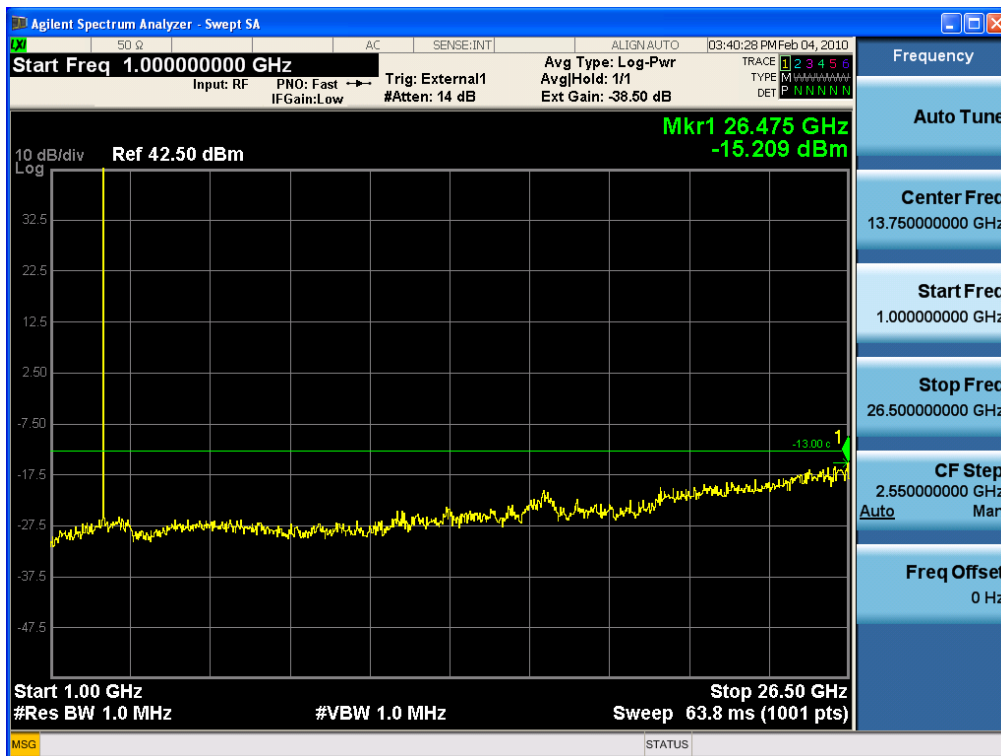
HCT PT.27 TEST REPORT	FCC CERTIFICATION REPORT			www.hct.co.kr
Test Report No. HCTR1002FR21	Test Dates: February 18, 2010	EUT Type: Mobile WiMAX Outdoor RAS	FCC ID: A3LSPI-2210022502	Page 139 of 166

(64QAM Middle Channel)



(1 GHz ~ 26.5 GHz)

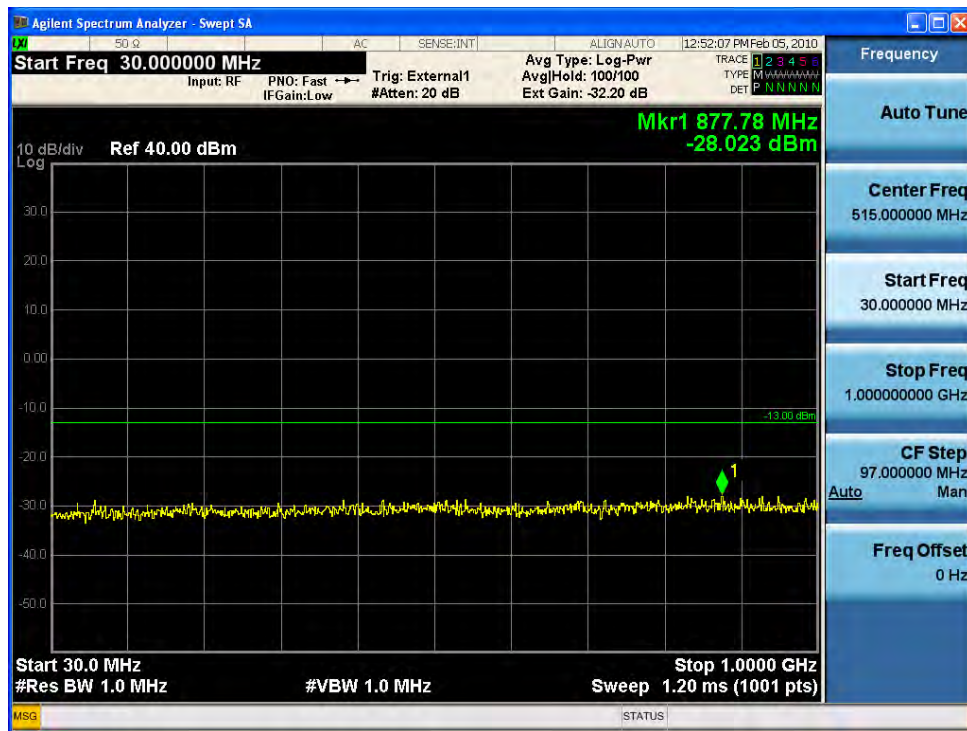
(64QAM High Channel)



(1 GHz ~ 26.5 GHz)

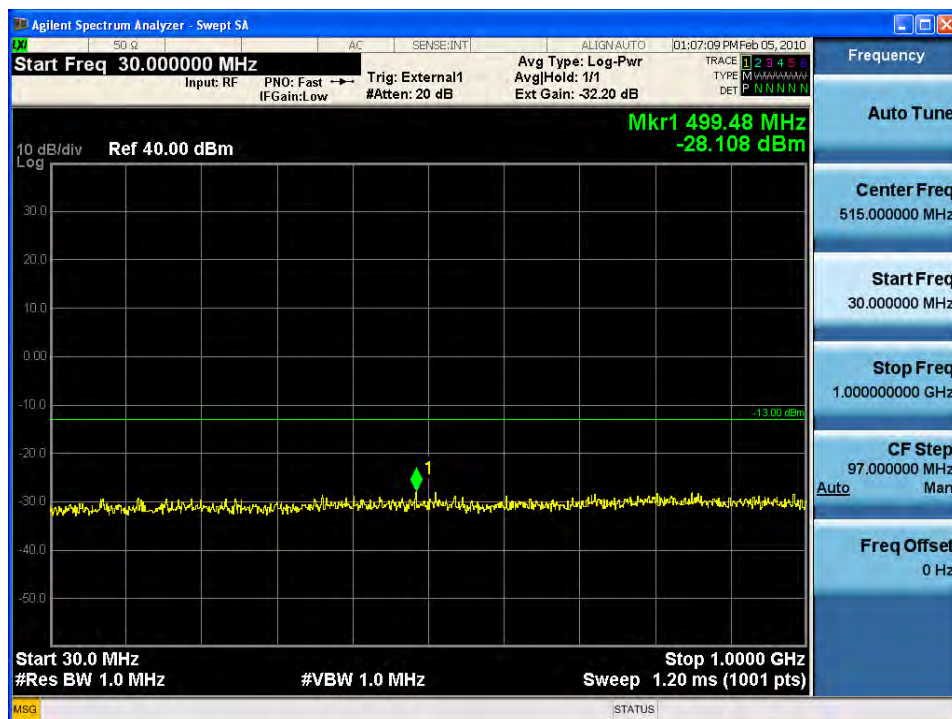
HCT PT.27 TEST REPORT	FCC CERTIFICATION REPORT			www.hct.co.kr
Test Report No. HCTR1002FR21	Test Dates: February 18, 2010	EUT Type: Mobile WiMAX Outdoor RAS	FCC ID: A3LSPI-2210022502	Page 140 of 166

8.4.5. Plot Data at Output Gamma 0 (QPSK Low Channel)



(30 MHz ~ 1 GHz)

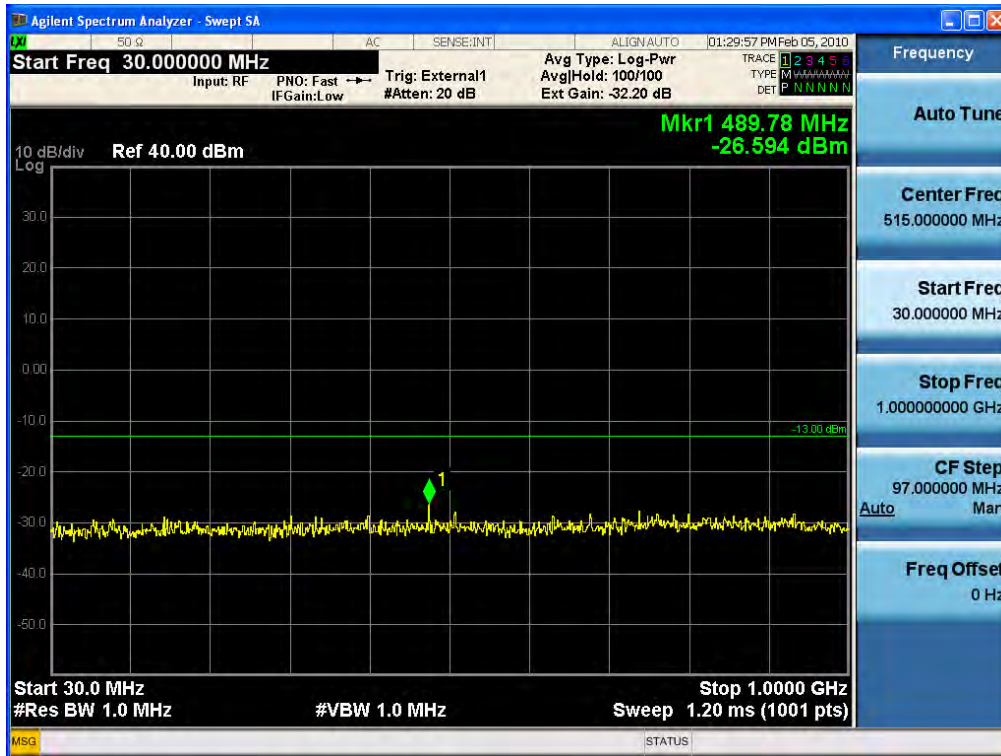
(QPSK Middle Channel)



(30 MHz ~ 1 GHz)

HCT PT.27 TEST REPORT	FCC CERTIFICATION REPORT			www.hct.co.kr
Test Report No. HCTR1002FR21	Test Dates: February 18, 2010	EUT Type: Mobile WiMAX Outdoor RAS	FCC ID: A3LSPI-2210022502	Page 141 of 166

(QPSK High Channel)



(30 MHz ~ 1 GHz)

(QPSK Low Channel)



(1 GHz ~ 26.5 GHz)

HCT PT.27 TEST REPORT	FCC CERTIFICATION REPORT			www.hct.co.kr
Test Report No. HCTR1002FR21	Test Dates: February 18, 2010	EUT Type: Mobile WiMAX Outdoor RAS	FCC ID: A3LSPI-2210022502	Page 142 of 166

(QPSK Middle Channel)



(1 GHz ~ 26.5 GHz)

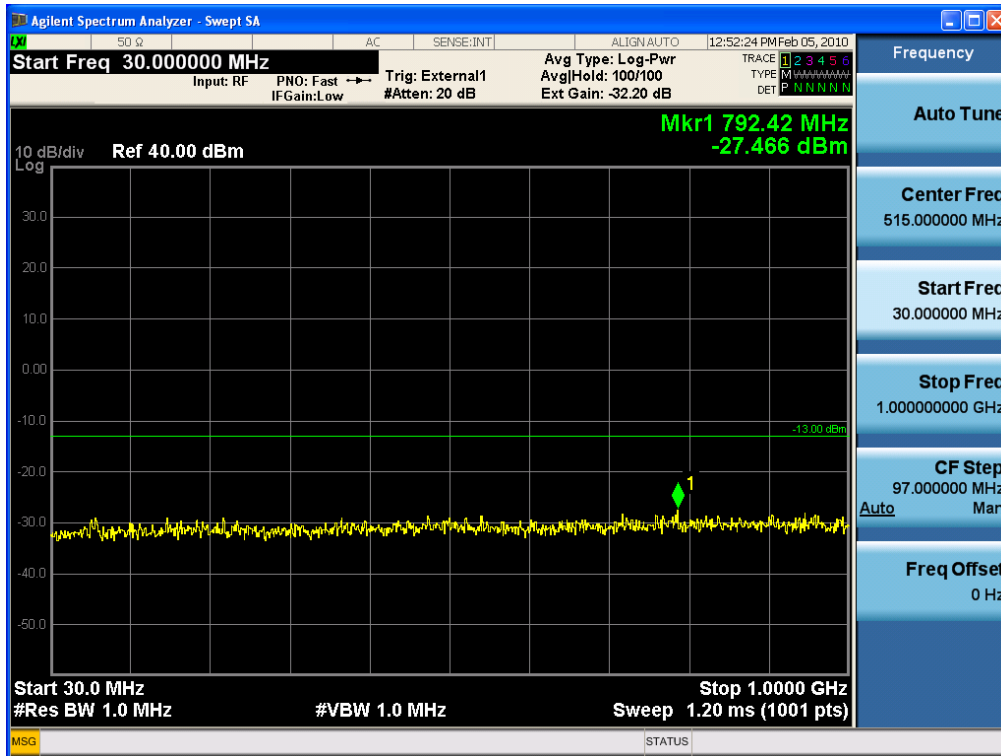
(QPSK High Channel)



(1 GHz ~ 26.5 GHz)

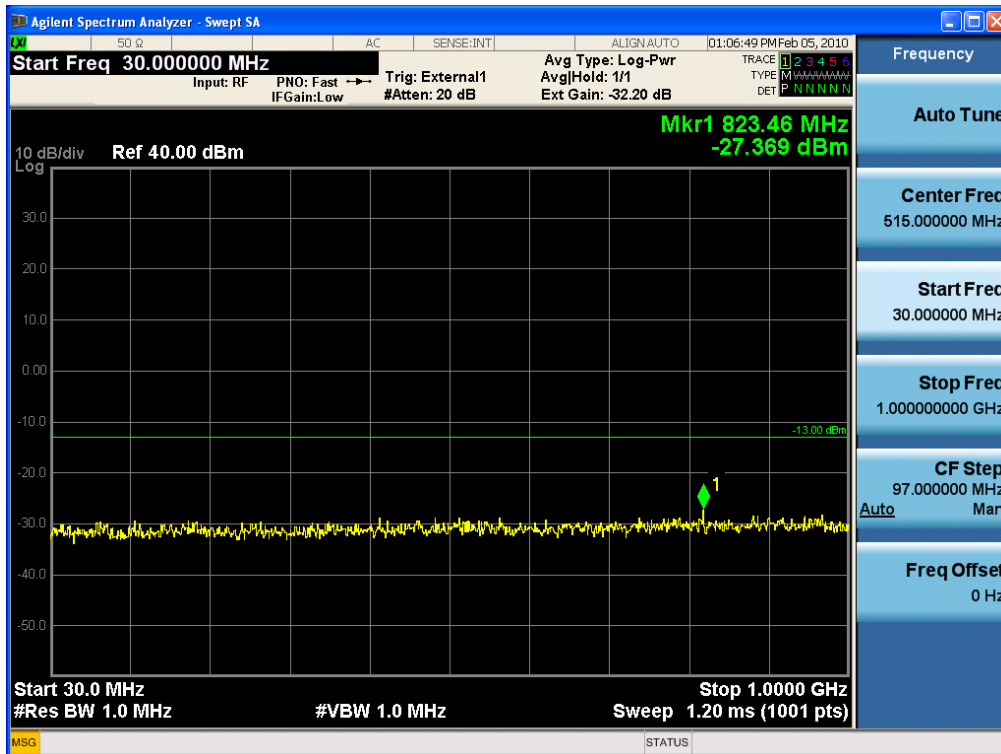
HCT PT.27 TEST REPORT	FCC CERTIFICATION REPORT			www.hct.co.kr
Test Report No. HCTR1002FR21	Test Dates: February 18, 2010	EUT Type: Mobile WiMAX Outdoor RAS	FCC ID: A3LSPI-2210022502	Page 143 of 166

(16QAM LOW Channel)



(30 MHz ~ 1 GHz)

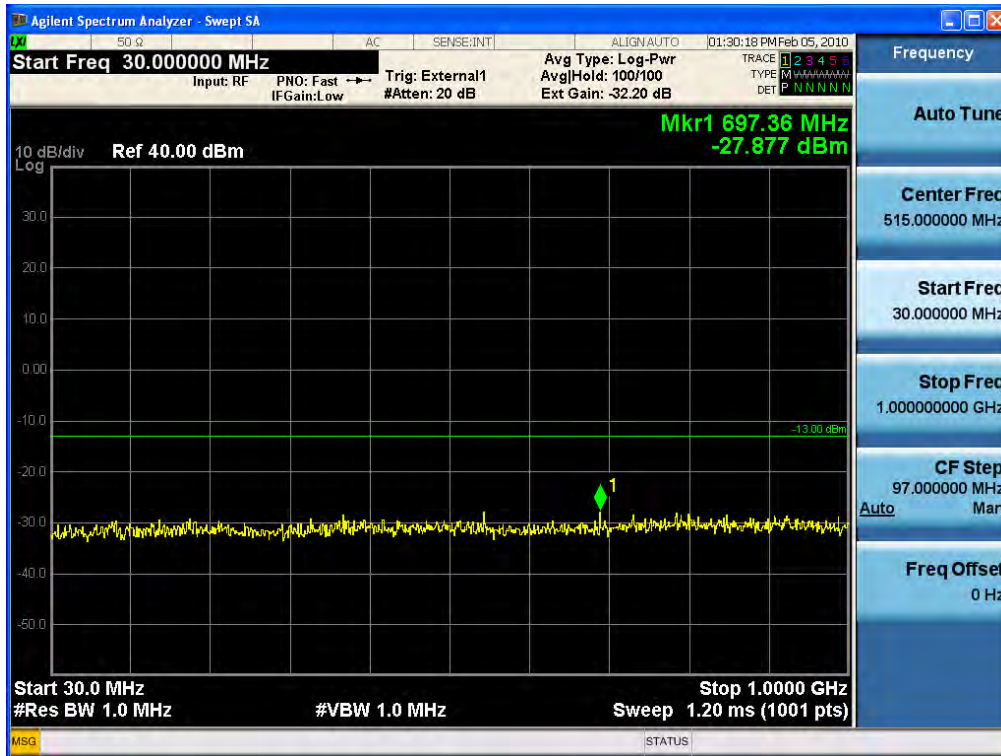
(16QAM Middle Channel)



(30 MHz ~ 1 GHz)

HCT PT.27 TEST REPORT	FCC CERTIFICATION REPORT			www.hct.co.kr
Test Report No. HCTR1002FR21	Test Dates: February 18, 2010	EUT Type: Mobile WiMAX Outdoor RAS	FCC ID: A3LSPI-2210022502	Page 144 of 166

(16QAM High Channel)



(30 MHz ~ 1 GHz)

(16QAM LOW Channel)



(1 GHz ~ 26.5 GHz)

HCT PT.27 TEST REPORT	FCC CERTIFICATION REPORT			www.hct.co.kr
Test Report No. HCTR1002FR21	Test Dates: February 18, 2010	EUT Type: Mobile WiMAX Outdoor RAS	FCC ID: A3LSPI-2210022502	Page 145 of 166

(16QAM Middle Channel)



(1 GHz ~ 26.5 GHz)

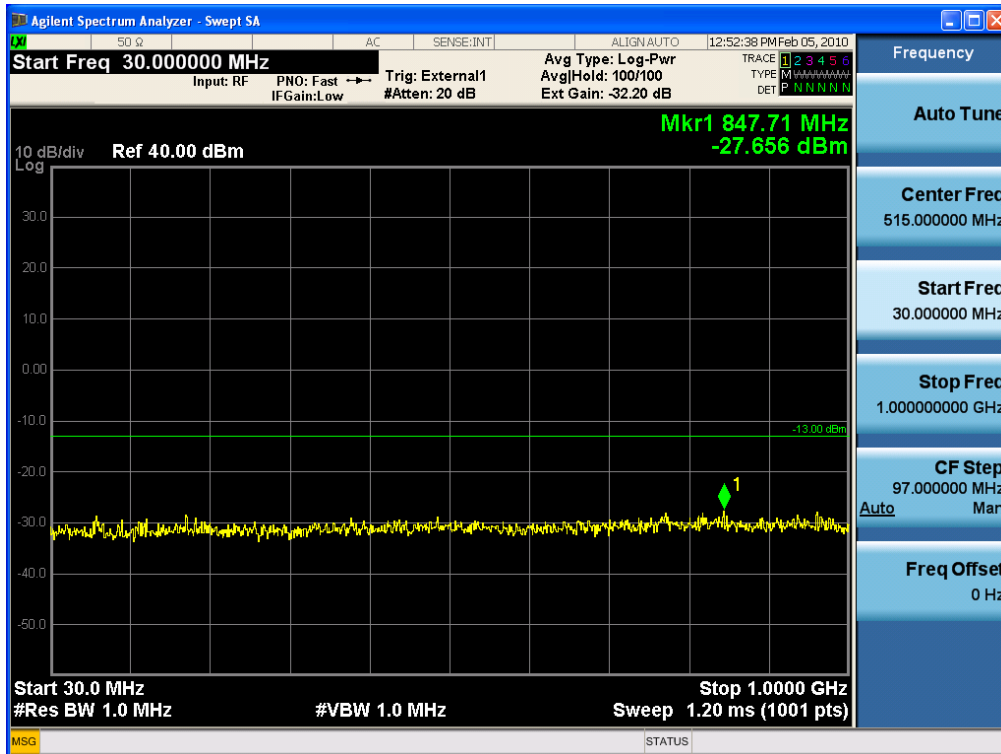
(16QAM High Channel)



(1 GHz ~ 26.5 GHz)

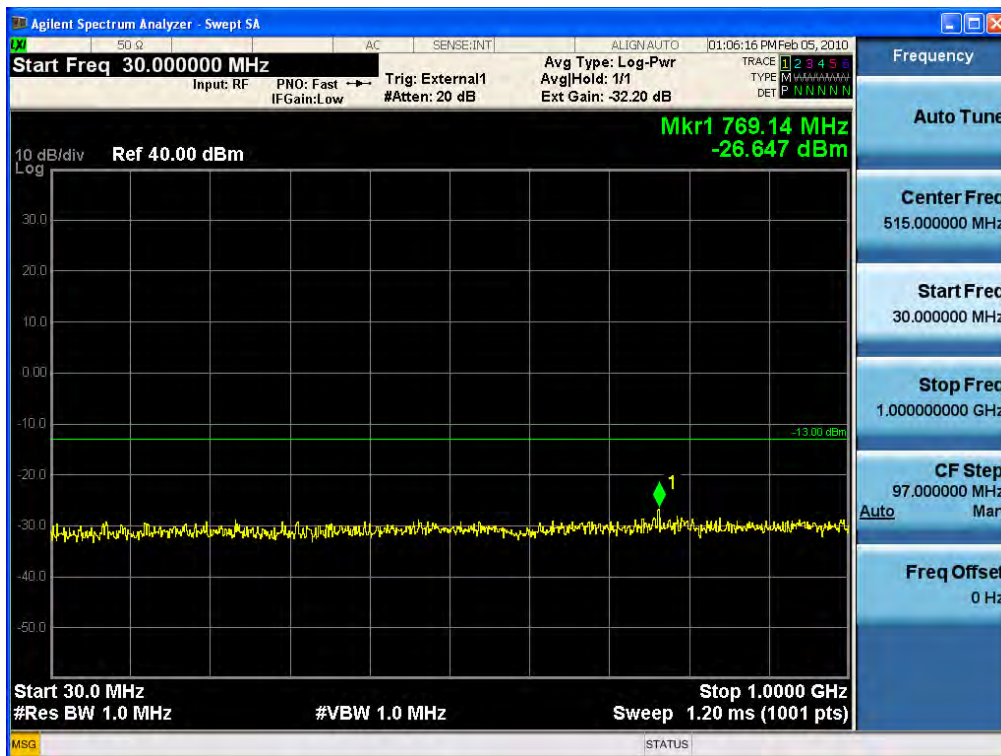
HCT PT.27 TEST REPORT	FCC CERTIFICATION REPORT			www.hct.co.kr
Test Report No. HCTR1002FR21	Test Dates: February 18, 2010	EUT Type: Mobile WiMAX Outdoor RAS	FCC ID: A3LSPI-2210022502	Page 146 of 166

(64QAM Low Channel)



(30 MHz ~ 1 GHz)

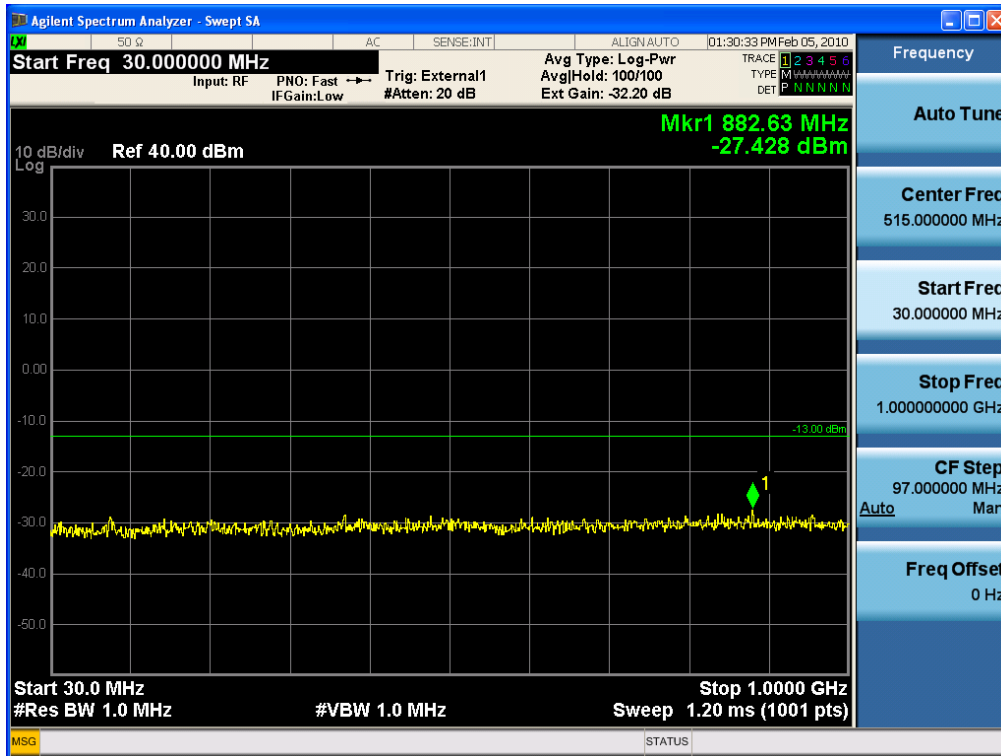
(64QAM Middle Channel)



(30 MHz ~ 1 GHz)

HCT PT.27 TEST REPORT	FCC CERTIFICATION REPORT			www.hct.co.kr
Test Report No. HCTR1002FR21	Test Dates: February 18, 2010	EUT Type: Mobile WiMAX Outdoor RAS	FCC ID: A3LSPI-2210022502	Page 147 of 166

(64QAM High Channel)



(30 MHz ~ 1 GHz)

(64QAM Low Channel)



(1 GHz ~ 26.5 GHz)

HCT PT.27 TEST REPORT	FCC CERTIFICATION REPORT			www.hct.co.kr
Test Report No. HCTR1002FR21	Test Dates: February 18, 2010	EUT Type: Mobile WiMAX Outdoor RAS	FCC ID: A3LSPI-2210022502	Page 148 of 166

(64QAM Middle Channel)



(1 GHz ~ 26.5 GHz)

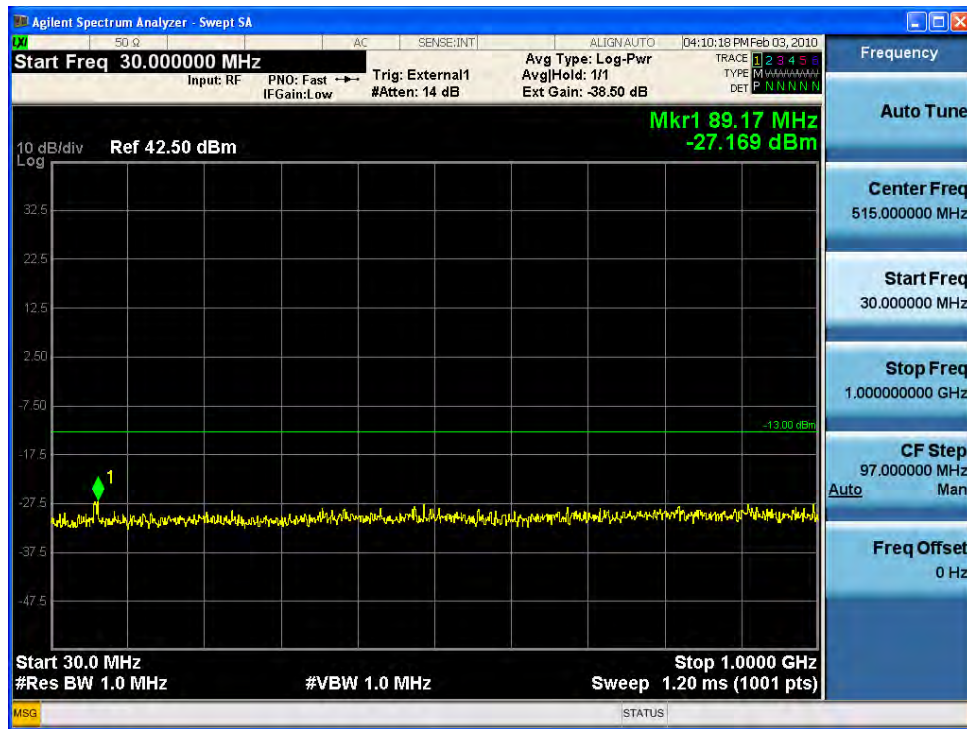
(64QAM High Channel)



(1 GHz ~ 26.5 GHz)

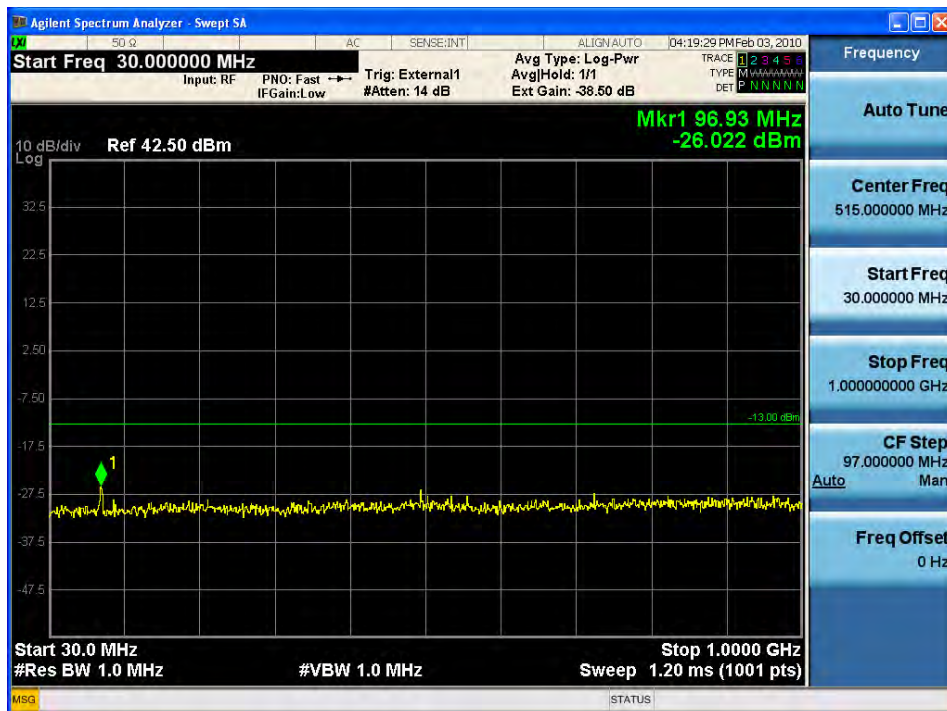
HCT PT.27 TEST REPORT	FCC CERTIFICATION REPORT			www.hct.co.kr
Test Report No. HCTR1002FR21	Test Dates: February 18, 2010	EUT Type: Mobile WiMAX Outdoor RAS	FCC ID: A3LSPI-2210022502	Page 149 of 166

8.4.6. Combined Plot Data at Output (QPSK Low Channel)



(30 MHz ~ 1 GHz)

(QPSK Middle Channel)



(30 MHz ~ 1 GHz)

HCT PT.27 TEST REPORT	FCC CERTIFICATION REPORT			www.hct.co.kr
Test Report No. HCTR1002FR21	Test Dates: February 18, 2010	EUT Type: Mobile WiMAX Outdoor RAS	FCC ID: A3LSPI-2210022502	Page 150 of 166