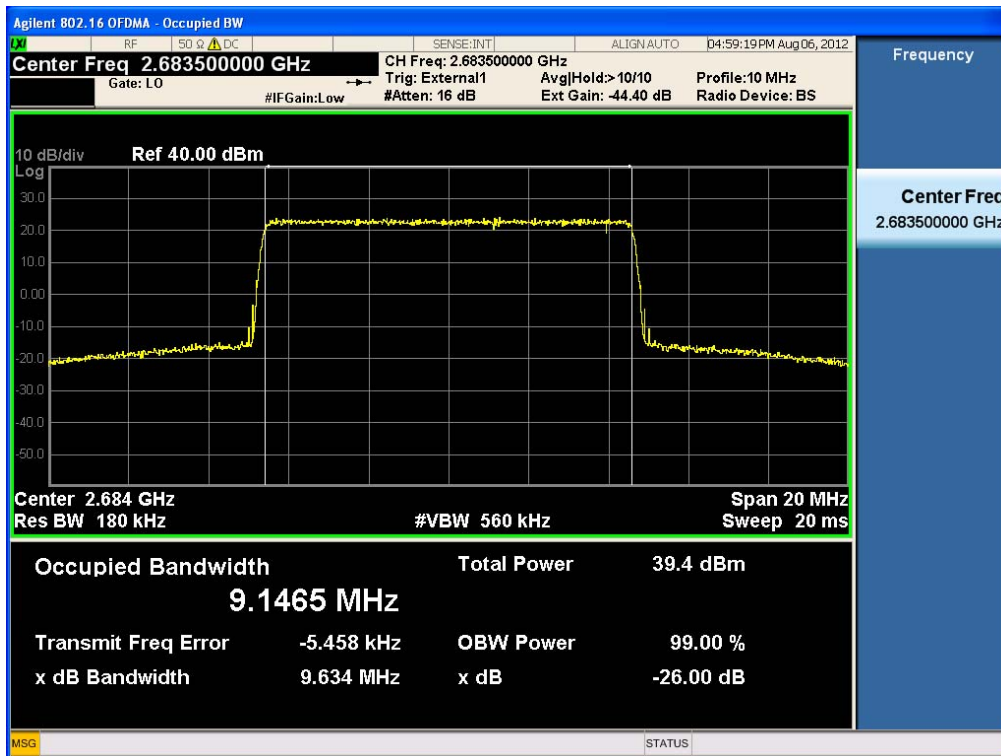
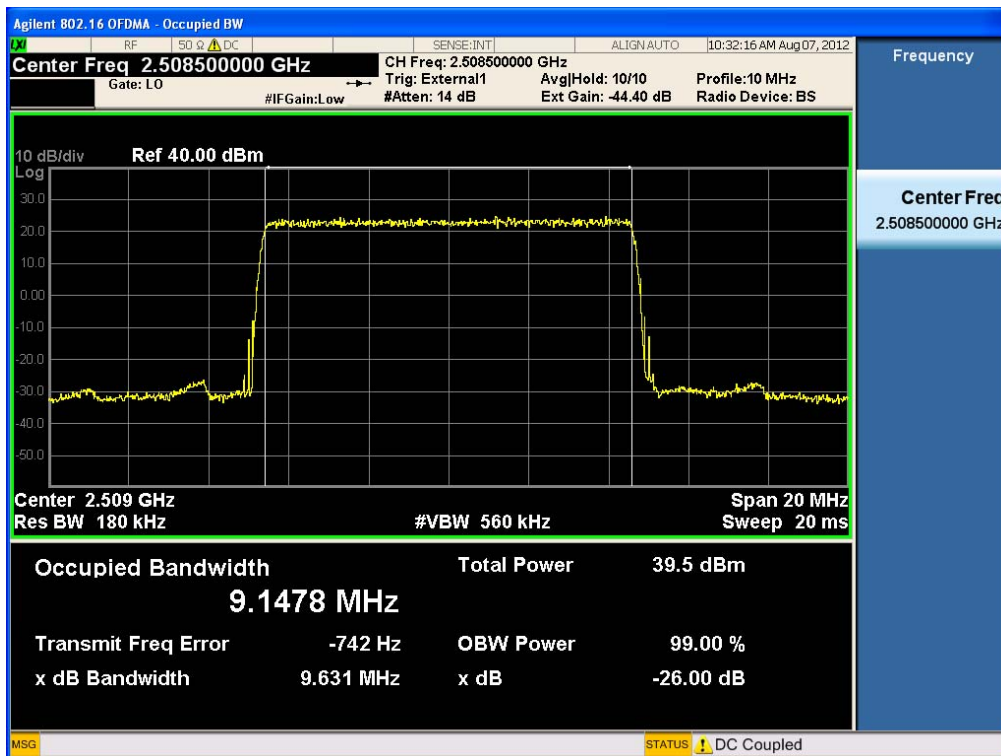


(QPSK High Channel)

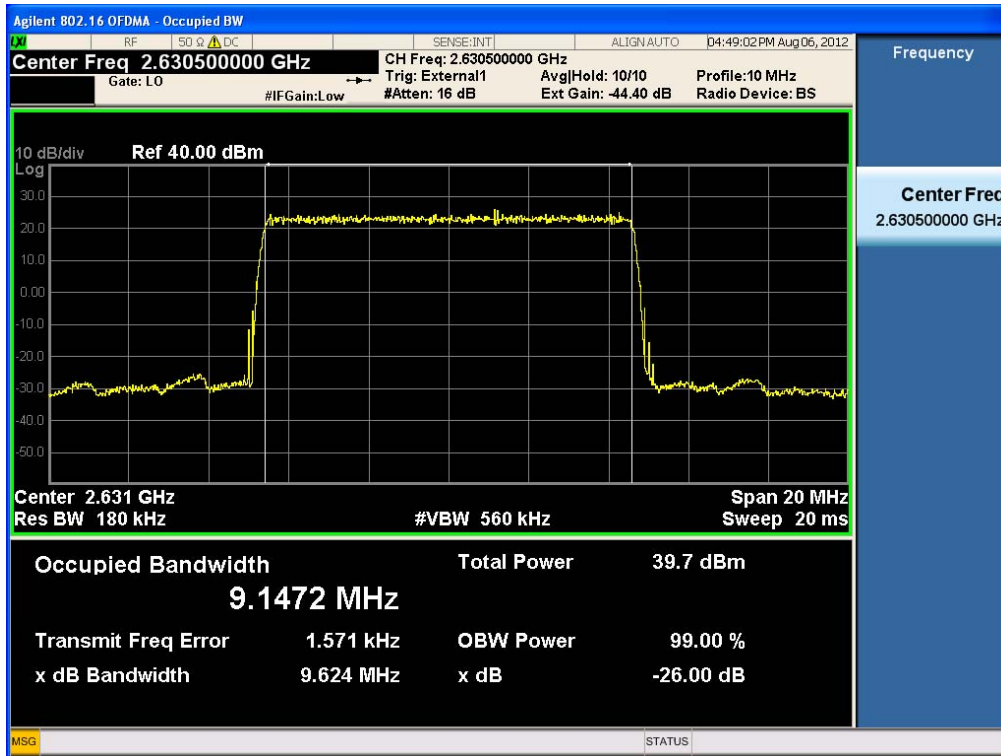


(16QAM Low Channel)

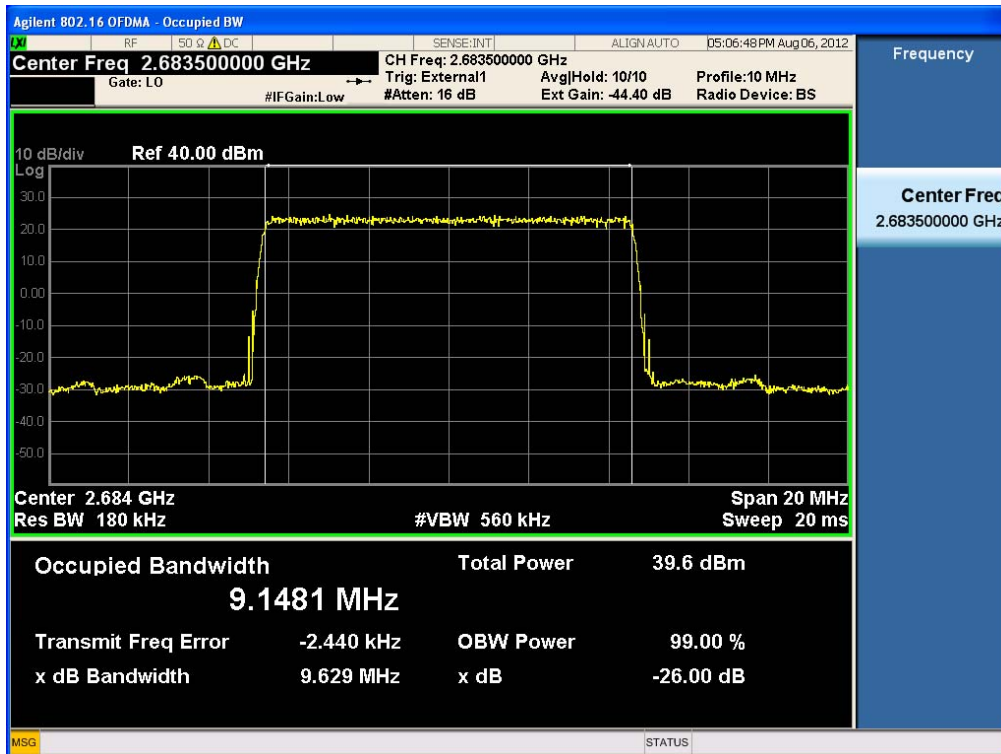


FCC PT.27 TEST REPORT	FCC CERTIFICATION REPORT			HCT PT.27 TEST REPORT
Test Report No. HCTR1208FR08	Date of Issue: August 07, 2012	EUT Type: Mobile RRH(Remote Radio Head)	FCC ID: A3LSLS-BD106Q	Page 61 of 161

(16QAM Middle Channel)

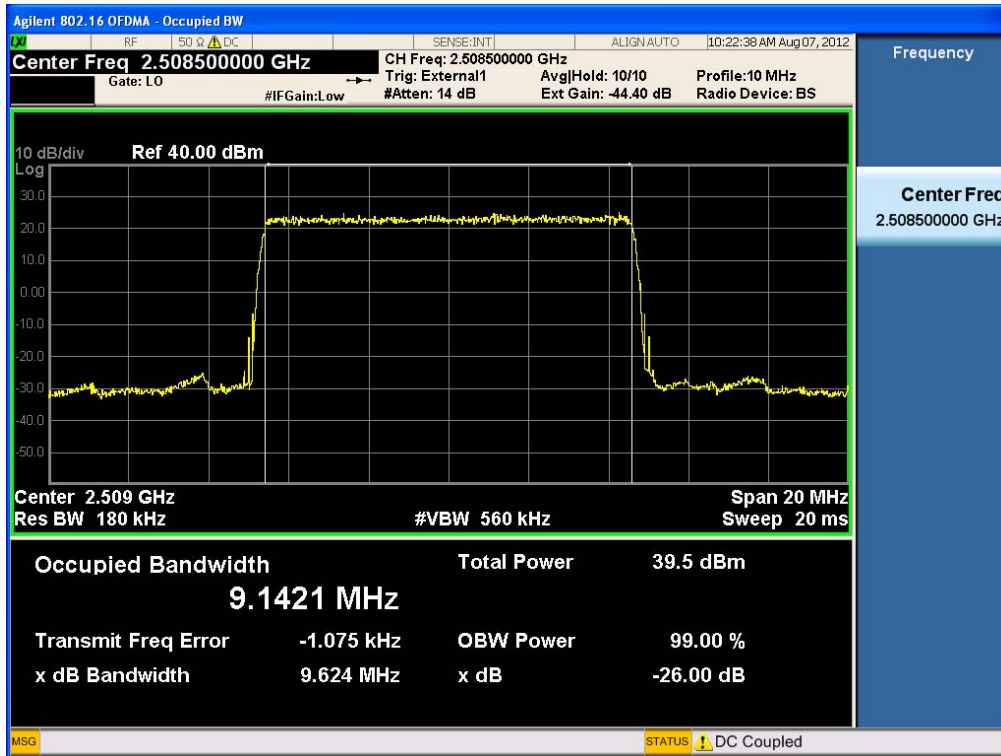


(16QAM High Channel)

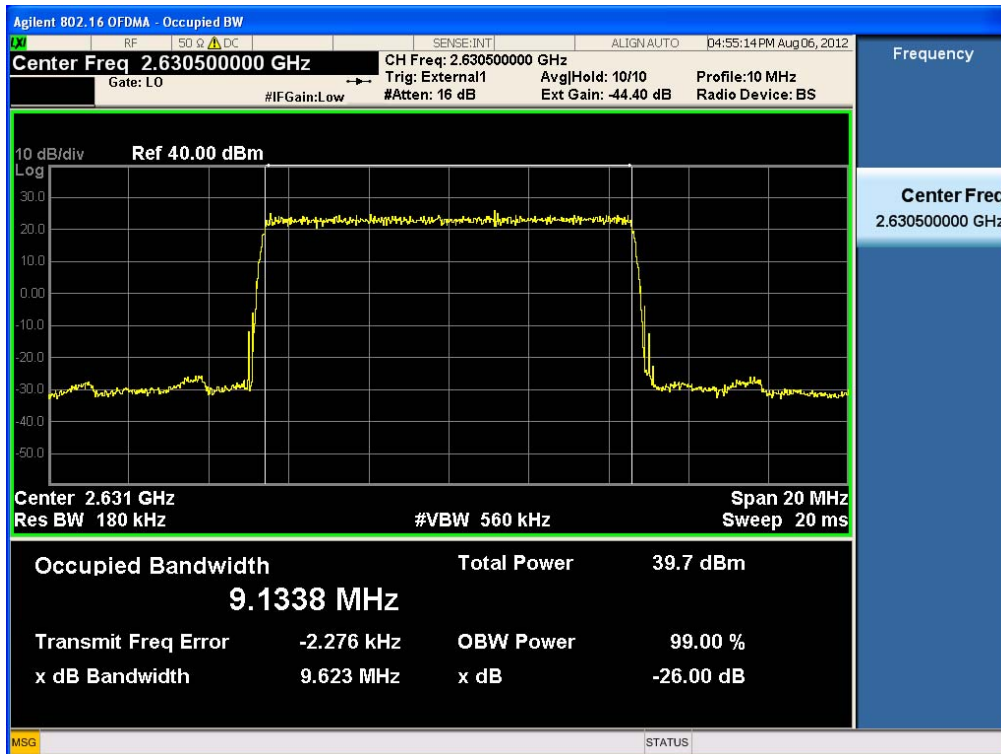


FCC PT.27 TEST REPORT	FCC CERTIFICATION REPORT			HCT PT.27 TEST REPORT
Test Report No. HCTR1208FR08	Date of Issue: August 07, 2012	EUT Type: Mobile RRH(Remote Radio Head)	FCC ID: A3LSLS-BD106Q	Page 62 of 161

(64QAM Low Channel)

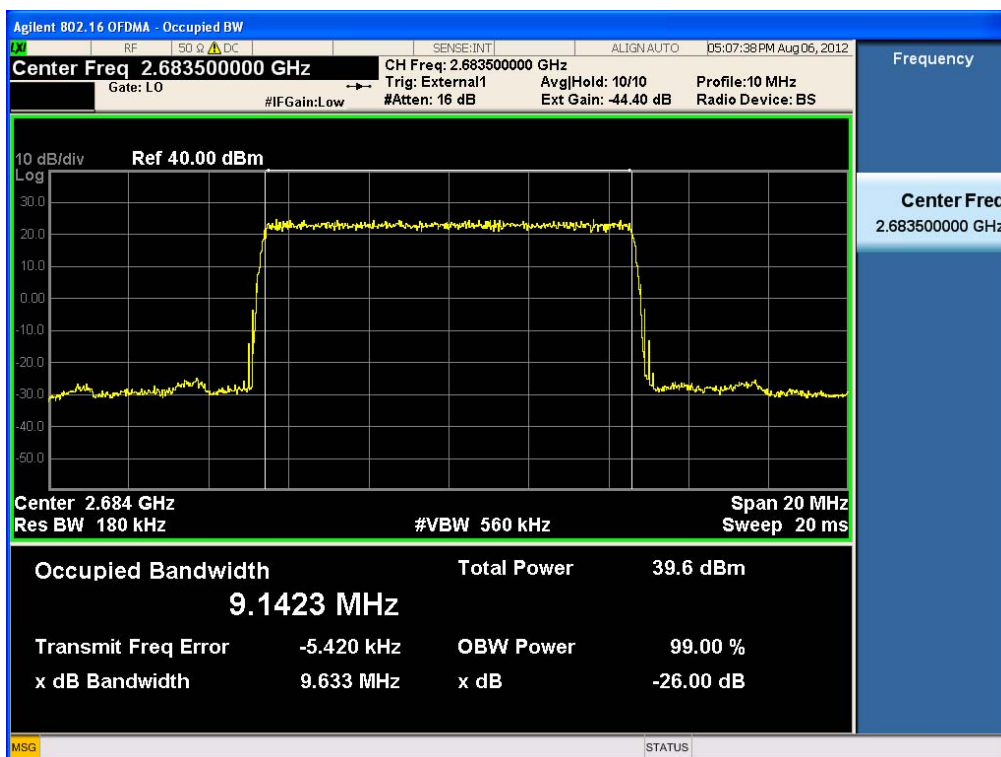


(64QAM Middle Channel)



FCC PT.27 TEST REPORT	FCC CERTIFICATION REPORT			HCT PT.27 TEST REPORT
Test Report No. HCTR1208FR08	Date of Issue: August 07, 2012	EUT Type: Mobile RRH(Remote Radio Head)	FCC ID: A3LSLS-BD106Q	Page 63 of 161

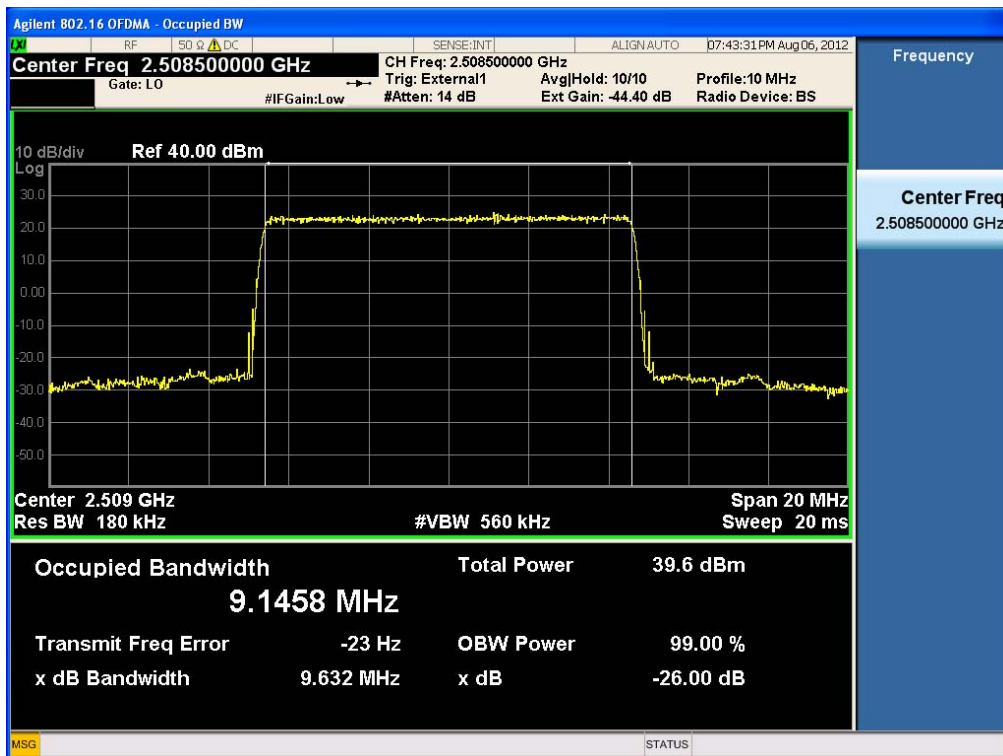
(64QAM High Channel)



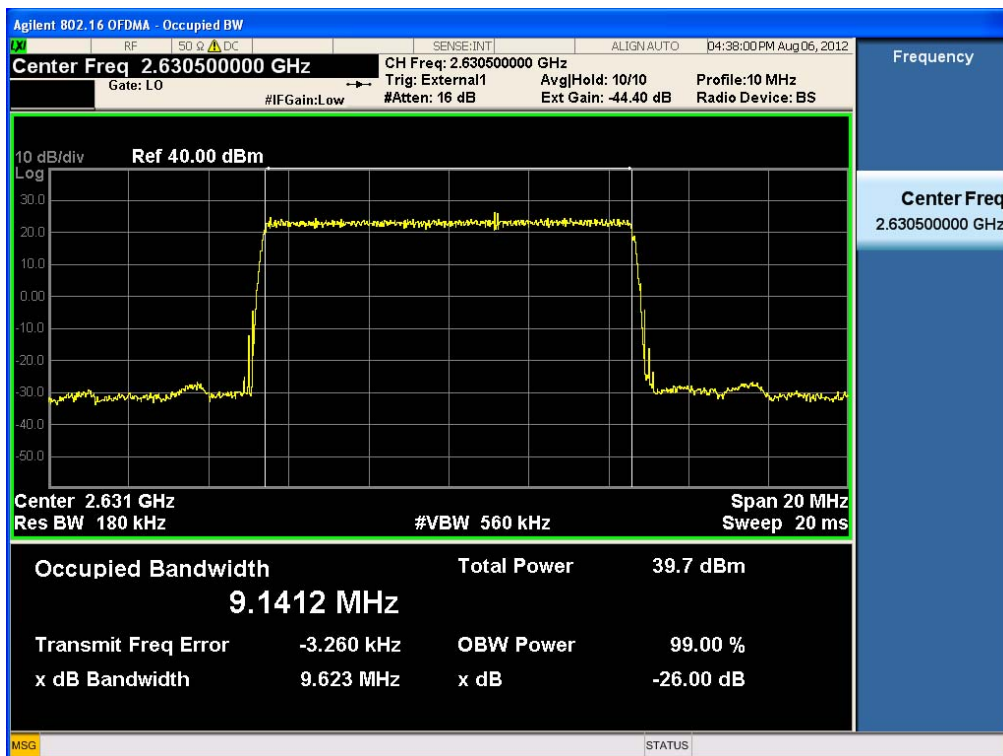
FCC PT.27 TEST REPORT	FCC CERTIFICATION REPORT			HCT PT.27 TEST REPORT
Test Report No. HCTR1208FR08	Date of Issue: August 07, 2012	EUT Type: Mobile RRH(Remote Radio Head)	FCC ID: A3LSLS-BD106Q	Page 64 of 161

6.4.6. Test Plot at Output Port 2

(QPSK Low Channel)

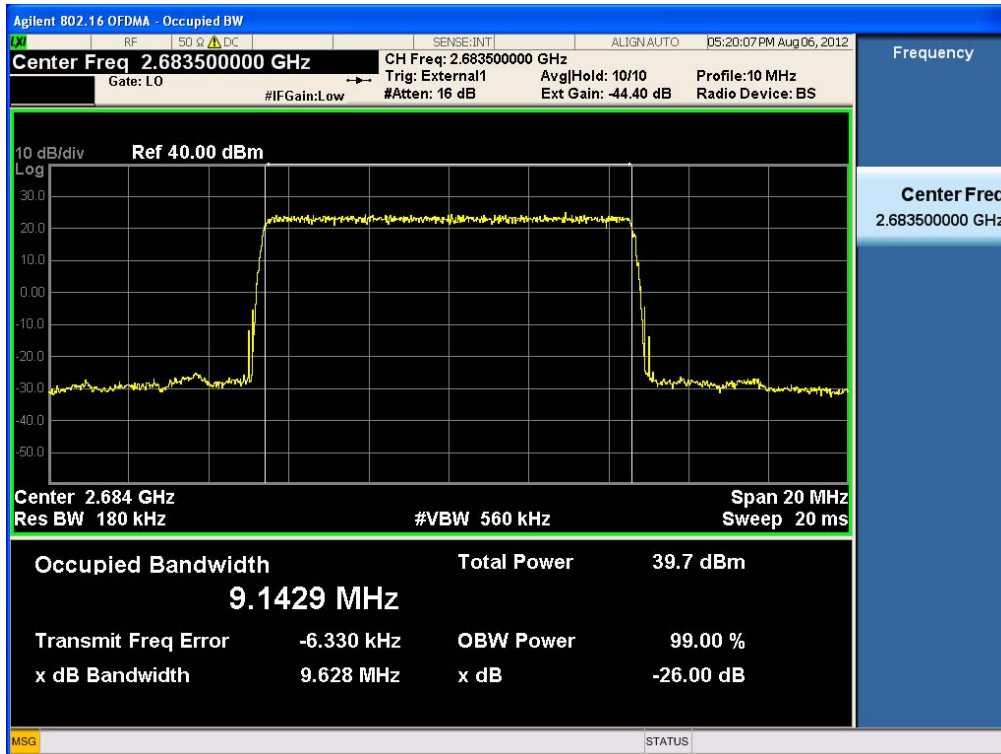


(QPSK Middle Channel)

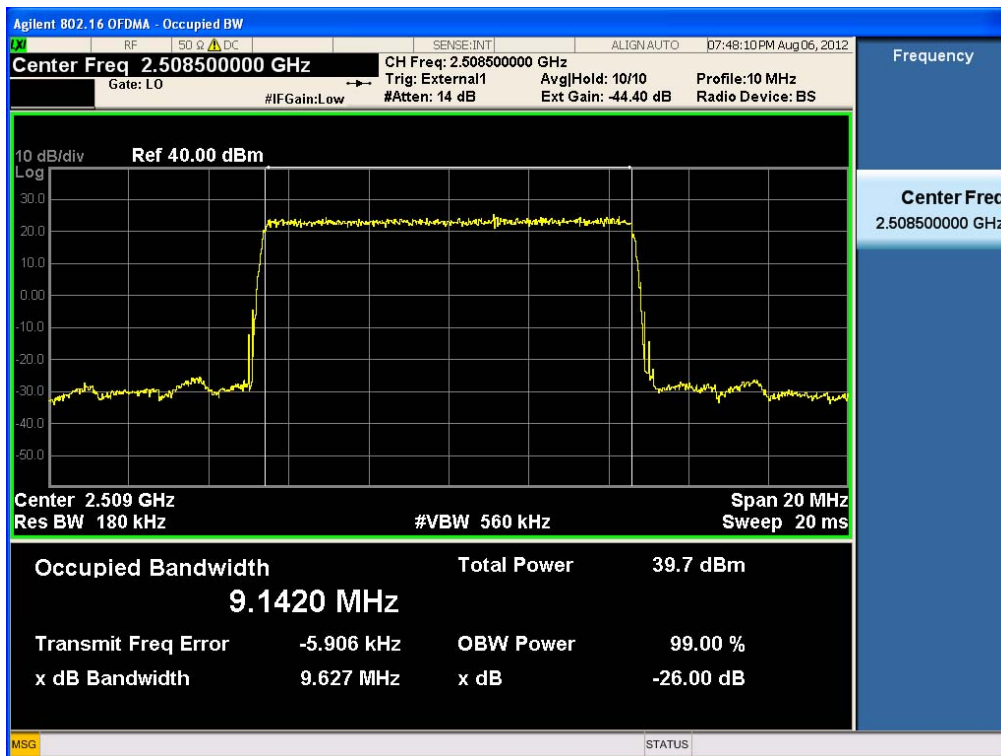


FCC PT.27 TEST REPORT	FCC CERTIFICATION REPORT			HCT PT.27 TEST REPORT
Test Report No. HCTR1208FR08	Date of Issue: August 07, 2012	EUT Type: Mobile RRH(Remote Radio Head)	FCC ID: A3LSLS-BD106Q	Page 65 of 161

(QPSK High Channel)

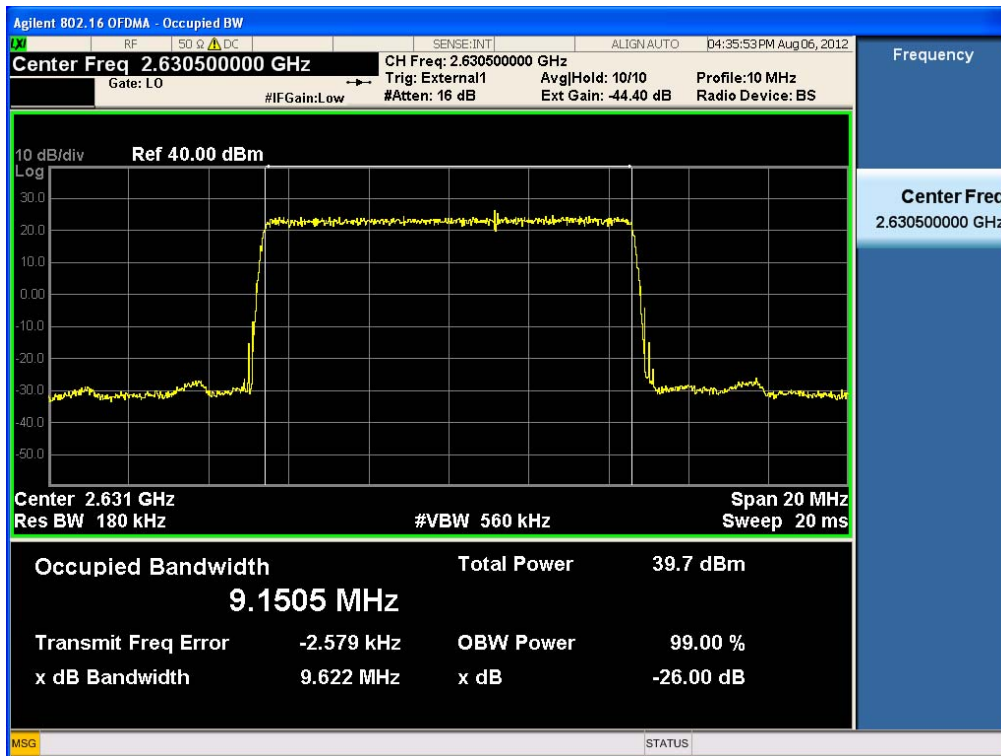


(16QAM Low Channel)

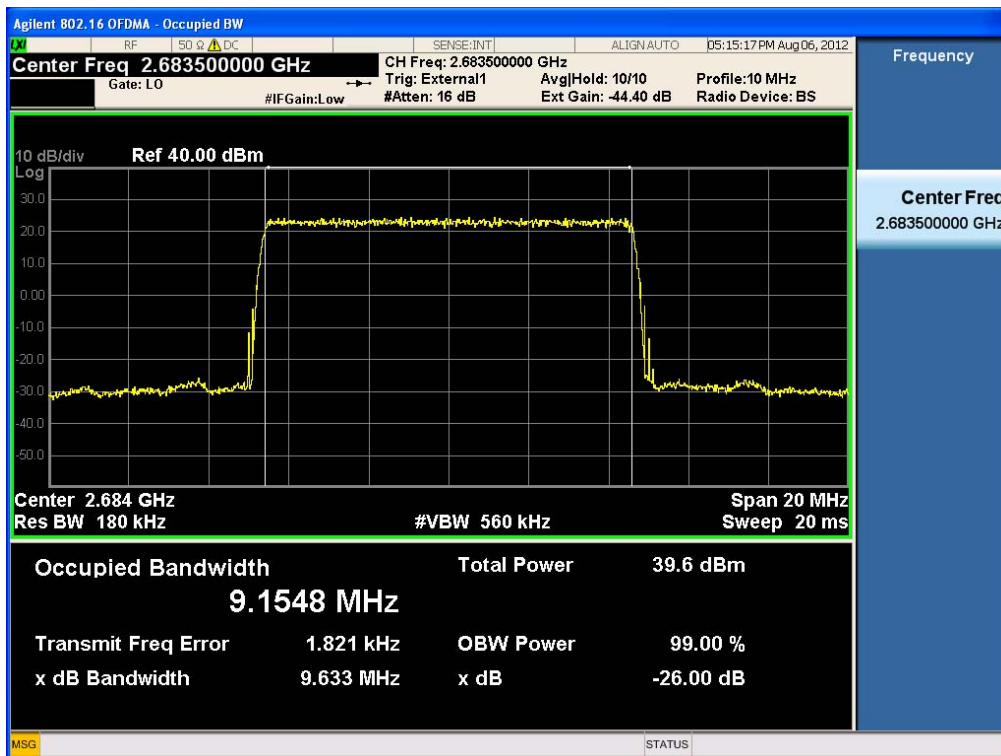


FCC PT.27 TEST REPORT	FCC CERTIFICATION REPORT			HCT PT.27 TEST REPORT
Test Report No. HCTR1208FR08	Date of Issue: August 07, 2012	EUT Type: Mobile RRH(Remote Radio Head)	FCC ID: A3LSLS-BD106Q	Page 66 of 161

(16QAM Middle Channel)

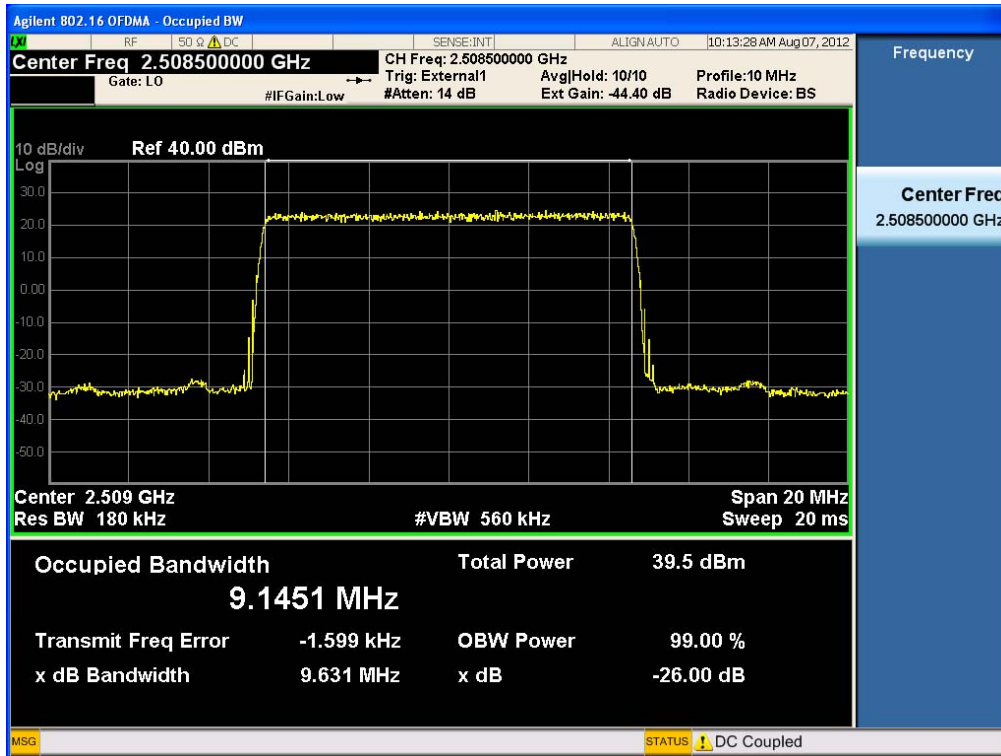


(16QAM High Channel)

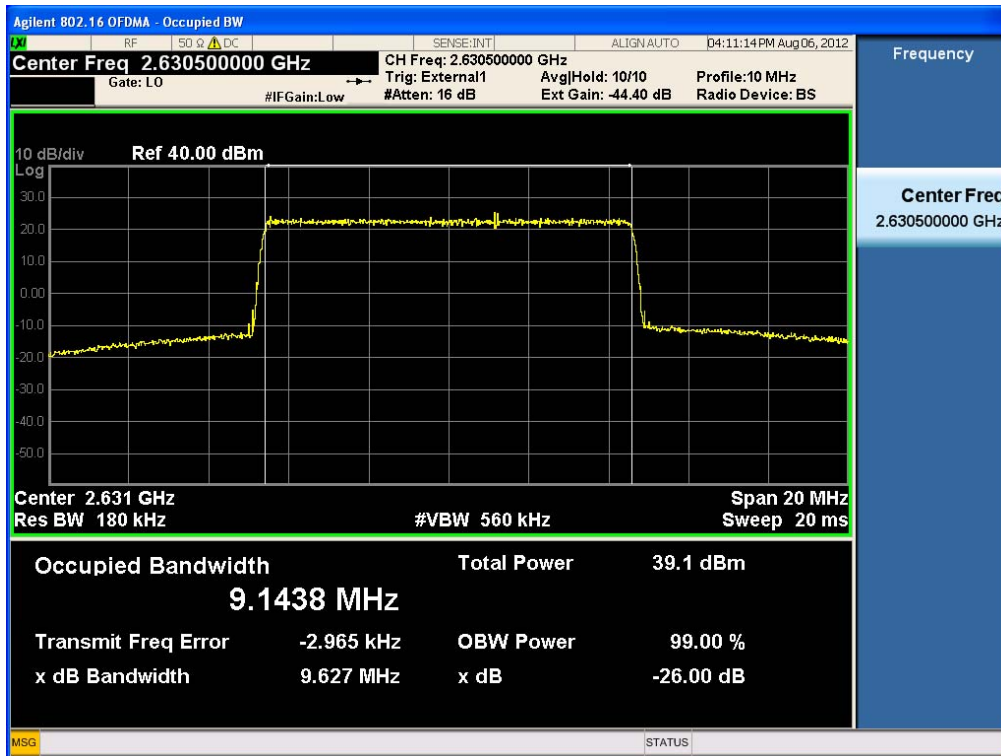


FCC PT.27 TEST REPORT	FCC CERTIFICATION REPORT			HCT PT.27 TEST REPORT
Test Report No. HCTR1208FR08	Date of Issue: August 07, 2012	EUT Type: Mobile RRH(Remote Radio Head)	FCC ID: A3LSLS-BD106Q	Page 67 of 161

(64QAM Low Channel)

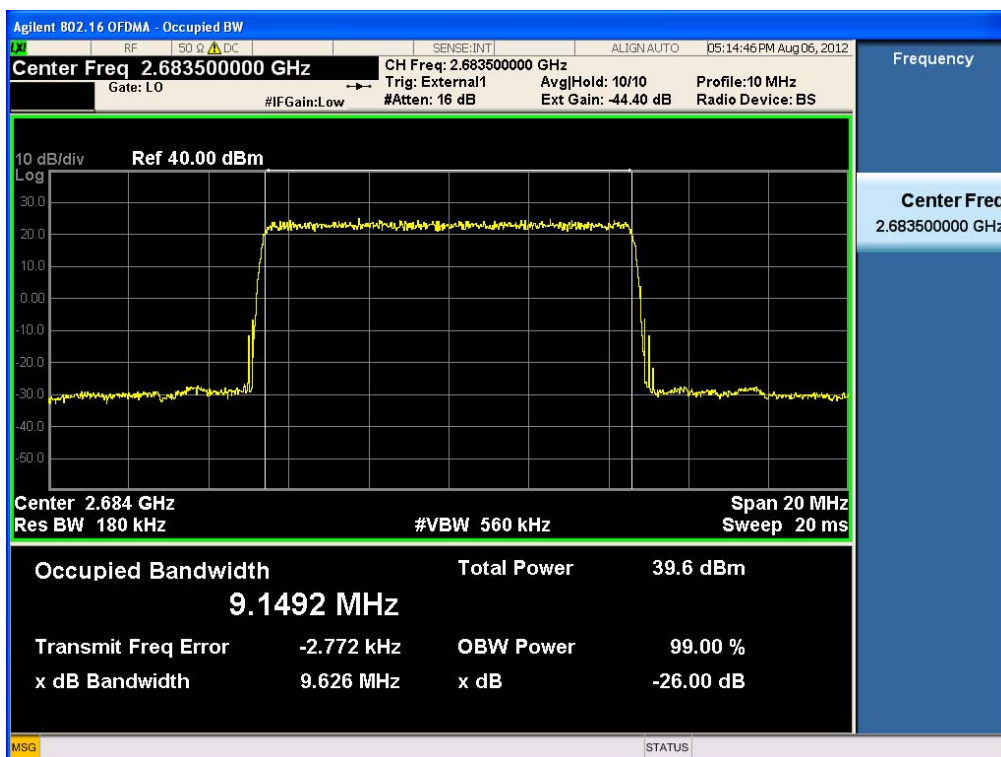


(64QAM Middle Channel)



FCC PT.27 TEST REPORT	FCC CERTIFICATION REPORT			HCT PT.27 TEST REPORT
Test Report No. HCTR1208FR08	Date of Issue: August 07, 2012	EUT Type: Mobile RRH(Remote Radio Head)	FCC ID: A3LSLS-BD106Q	Page 68 of 161

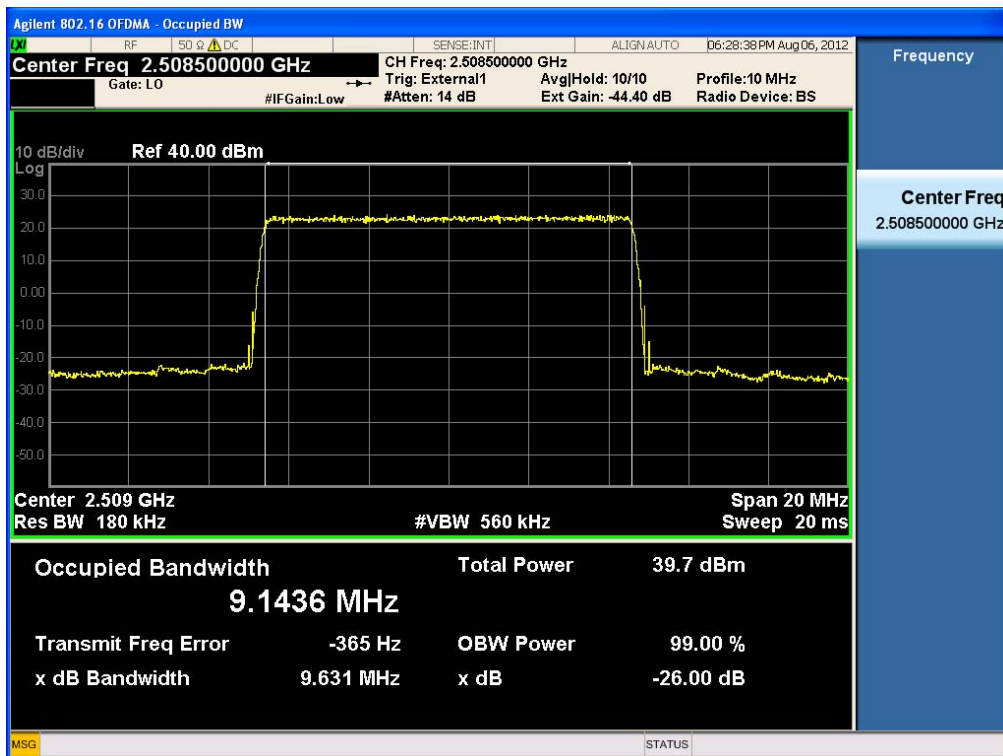
(64QAM High Channel)



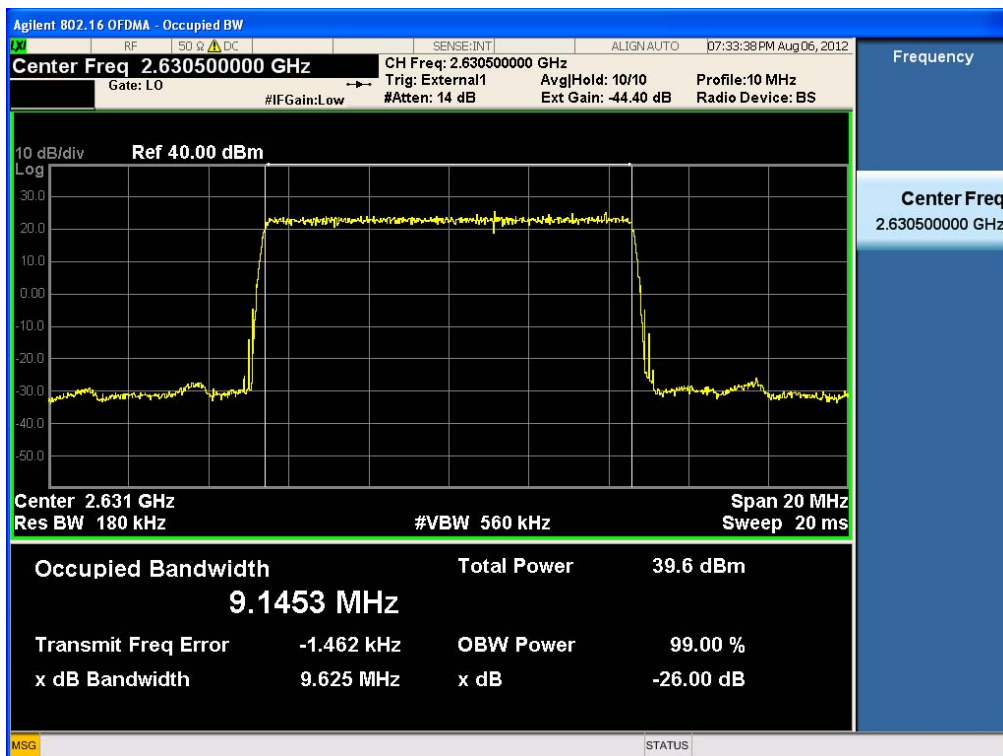
FCC PT.27 TEST REPORT	FCC CERTIFICATION REPORT			HCT PT.27 TEST REPORT
Test Report No. HCTR1208FR08	Date of Issue: August 07, 2012	EUT Type: Mobile RRH(Remote Radio Head)	FCC ID: A3LSLS-BD106Q	Page 69 of 161

6.4.7. Test Plot at Output Port 3

(QPSK Low Channel)

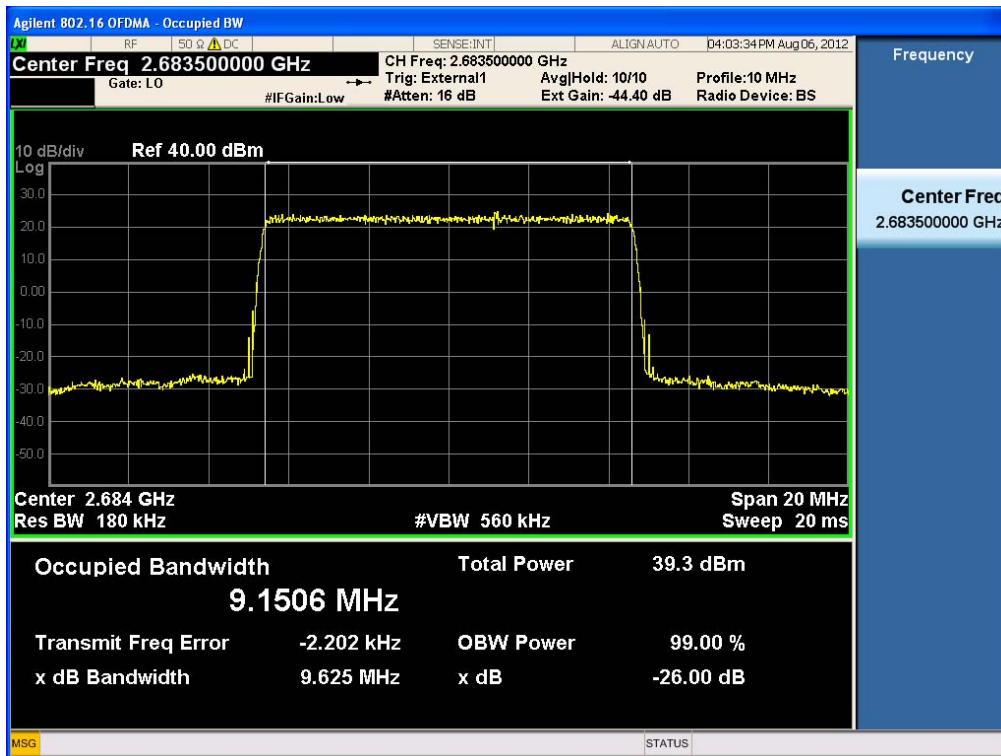


(QPSK Middle Channel)

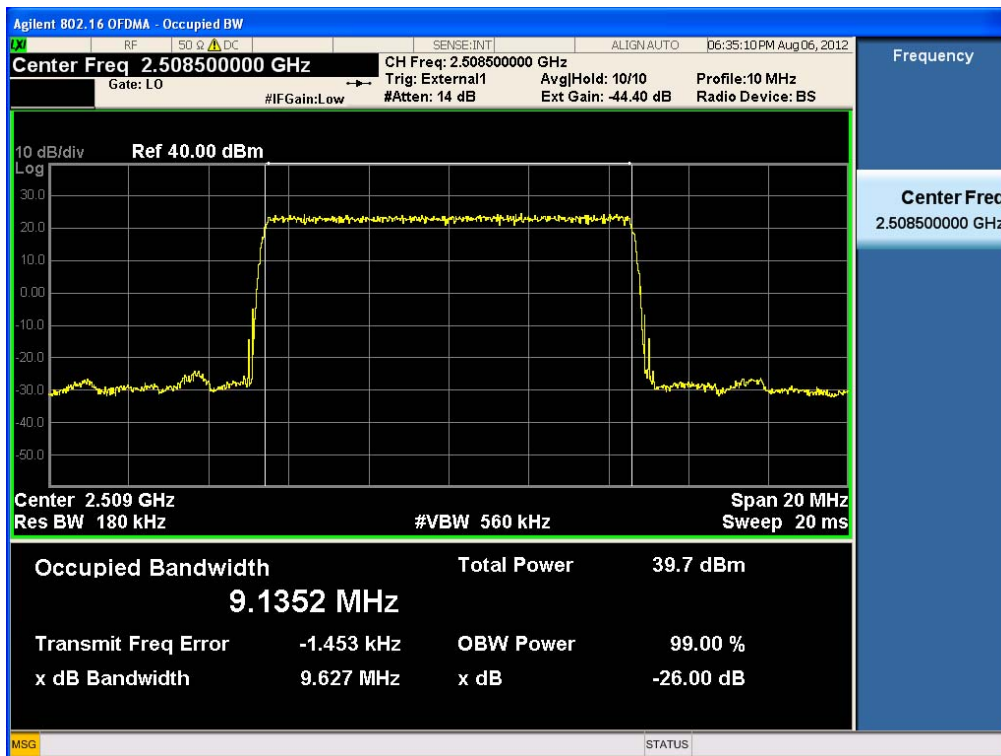


FCC PT.27 TEST REPORT	FCC CERTIFICATION REPORT			HCT PT.27 TEST REPORT
Test Report No. HCTR1208FR08	Date of Issue: August 07, 2012	EUT Type: Mobile RRH(Remote Radio Head)	FCC ID: A3LSLS-BD106Q	Page 70 of 161

(QPSK High Channel)

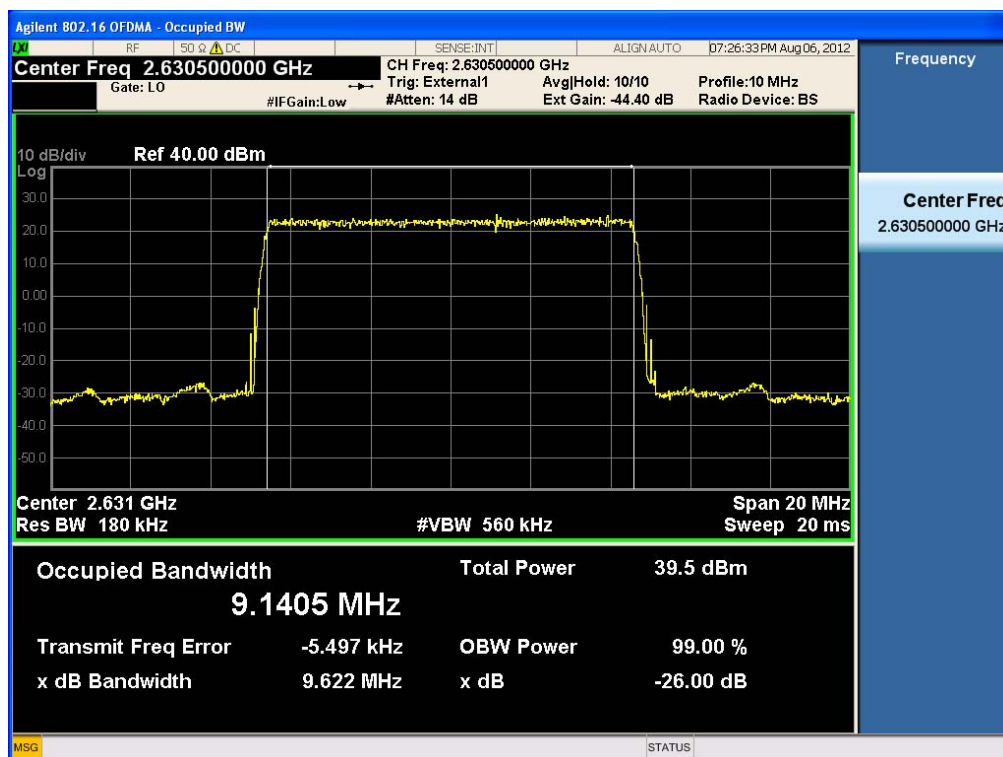


(16QAM Low Channel)

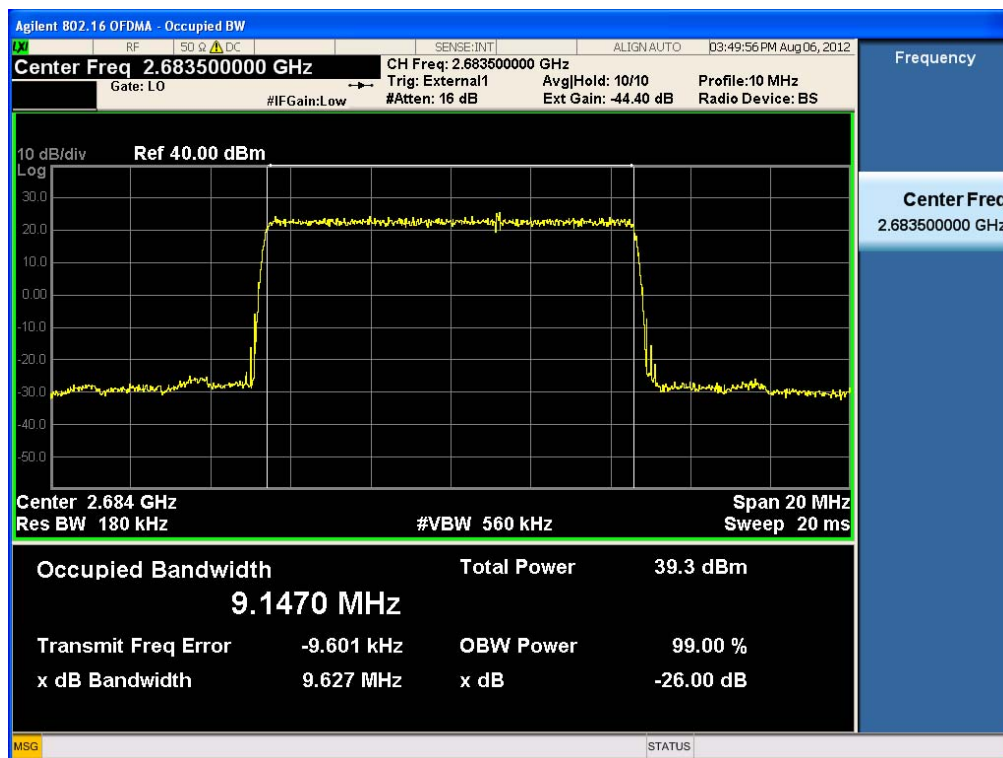


FCC PT.27 TEST REPORT	FCC CERTIFICATION REPORT			HCT PT.27 TEST REPORT
Test Report No. HCTR1208FR08	Date of Issue: August 07, 2012	EUT Type: Mobile RRH(Remote Radio Head)	FCC ID: A3LSLS-BD106Q	Page 71 of 161

(16QAM Middle Channel)

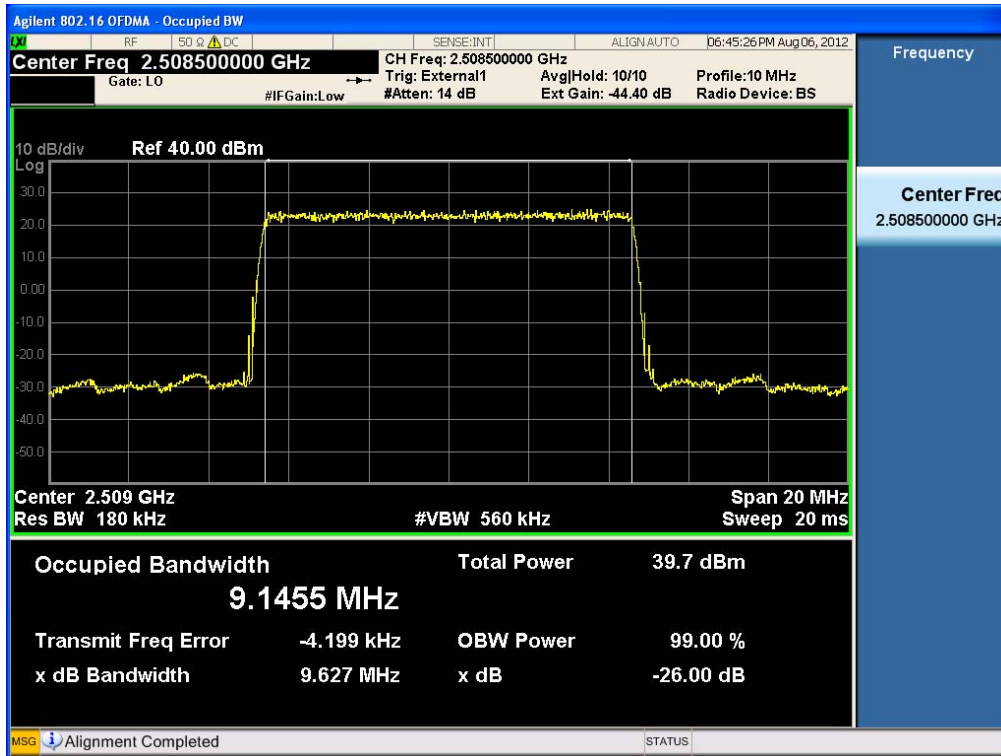


(16QAM High Channel)

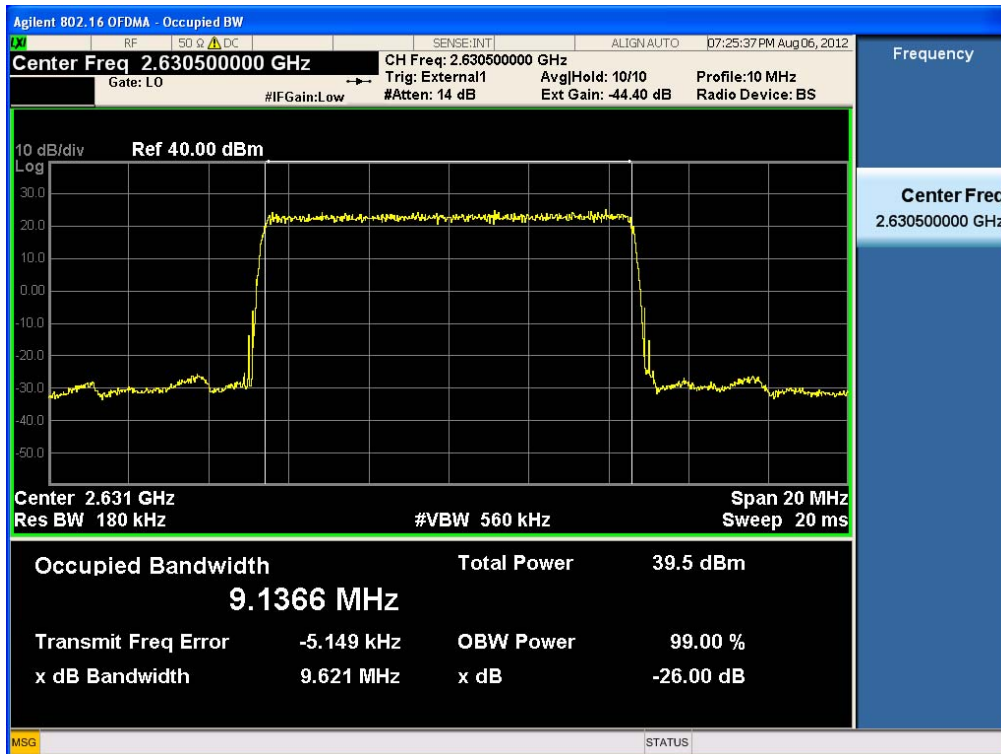


FCC PT.27 TEST REPORT	FCC CERTIFICATION REPORT			HCT PT.27 TEST REPORT
Test Report No. HCTR1208FR08	Date of Issue: August 07, 2012	EUT Type: Mobile RRH(Remote Radio Head)	FCC ID: A3LSLS-BD106Q	Page 72 of 161

(64QAM Low Channel)

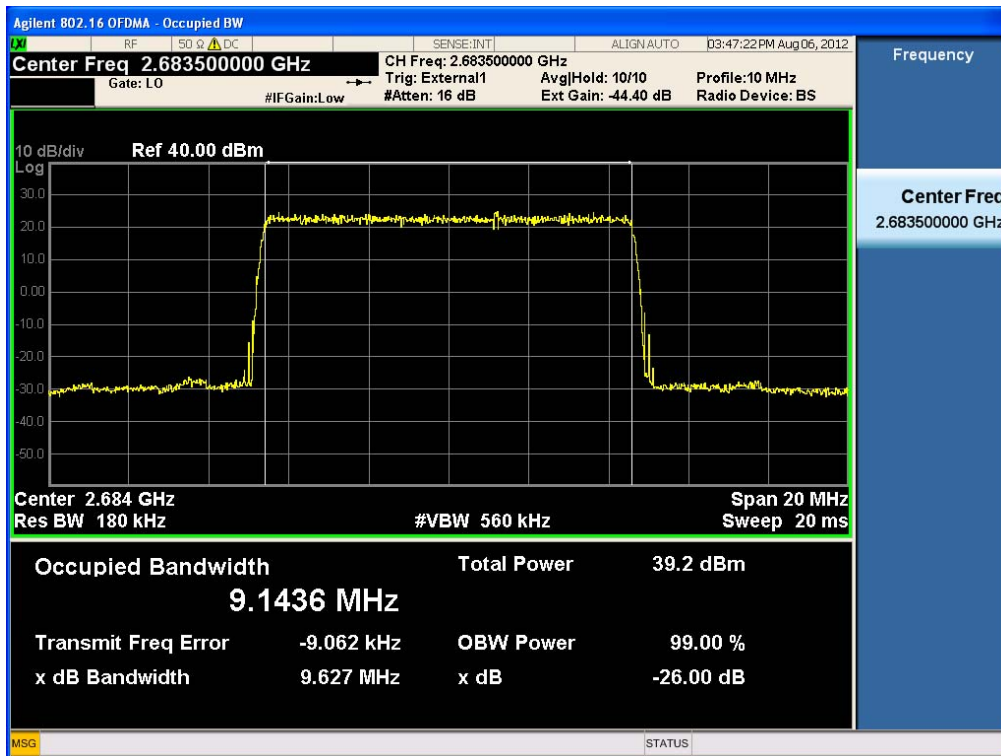


(64QAM Middle Channel)



FCC PT.27 TEST REPORT	FCC CERTIFICATION REPORT			HCT PT.27 TEST REPORT
Test Report No. HCTR1208FR08	Date of Issue: August 07, 2012	EUT Type: Mobile RRH(Remote Radio Head)	FCC ID: A3LSLS-BD106Q	Page 73 of 161

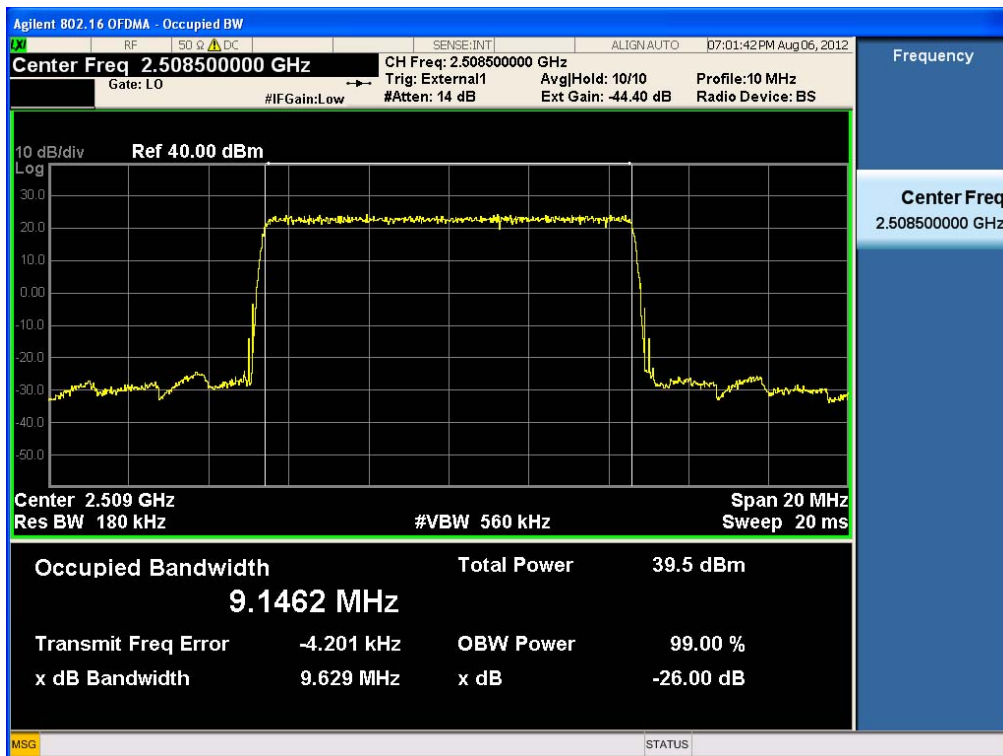
(64QAM High Channel)



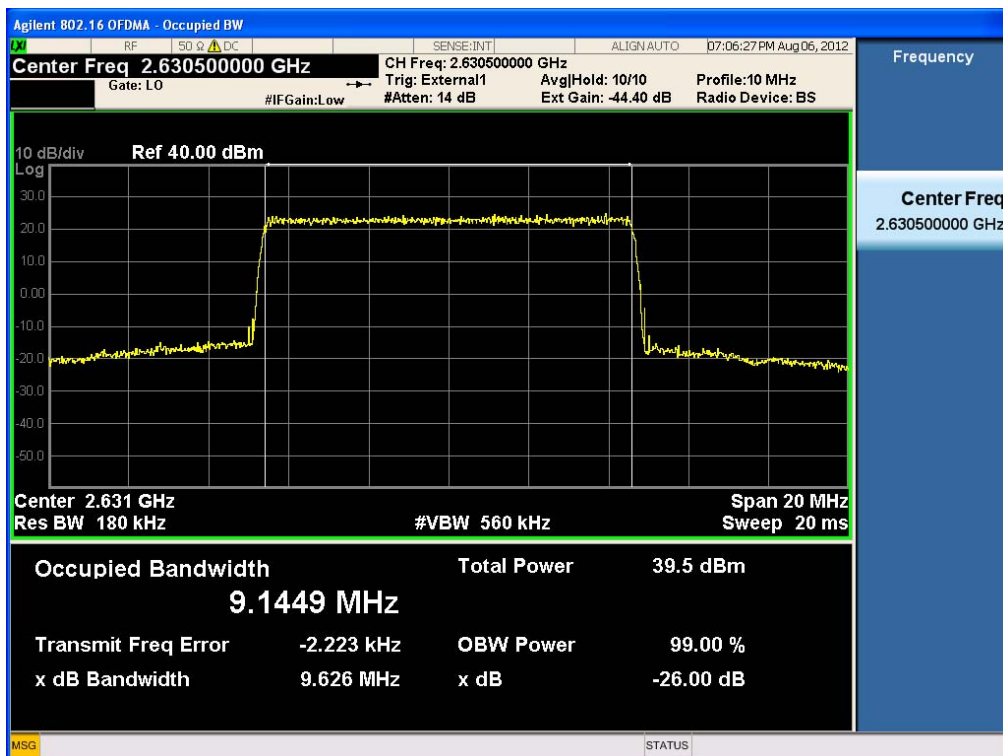
FCC PT.27 TEST REPORT	FCC CERTIFICATION REPORT			HCT PT.27 TEST REPORT
Test Report No. HCTR1208FR08	Date of Issue: August 07, 2012	EUT Type: Mobile RRH(Remote Radio Head)	FCC ID: A3LSLS-BD106Q	Page 74 of 161

6.4.8. Test Plot at Output Port 4

(QPSK Low Channel)

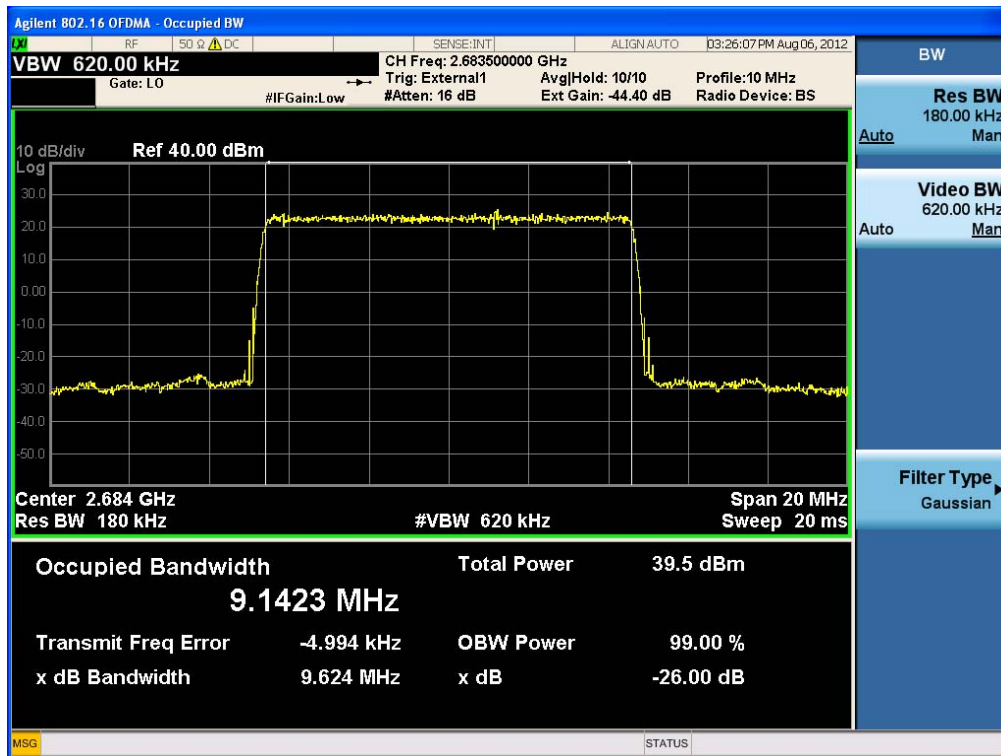


(QPSK Middle Channel)

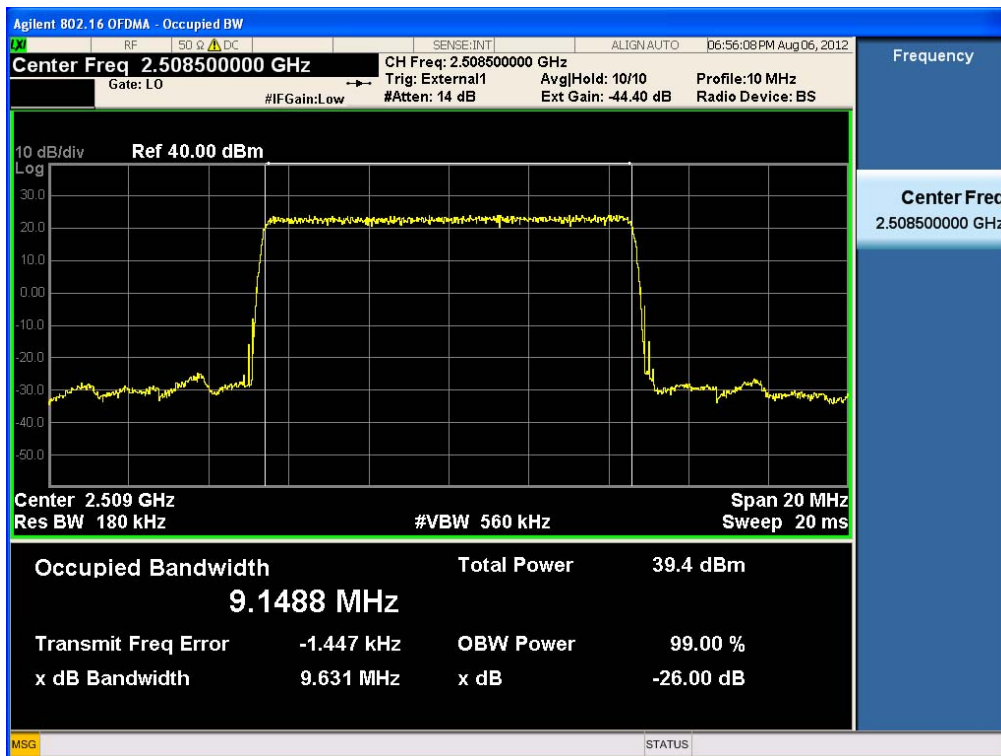


FCC PT.27 TEST REPORT	FCC CERTIFICATION REPORT			HCT PT.27 TEST REPORT
Test Report No. HCTR1208FR08	Date of Issue: August 07, 2012	EUT Type: Mobile RRH(Remote Radio Head)	FCC ID: A3LSLS-BD106Q	Page 75 of 161

(QPSK High Channel)

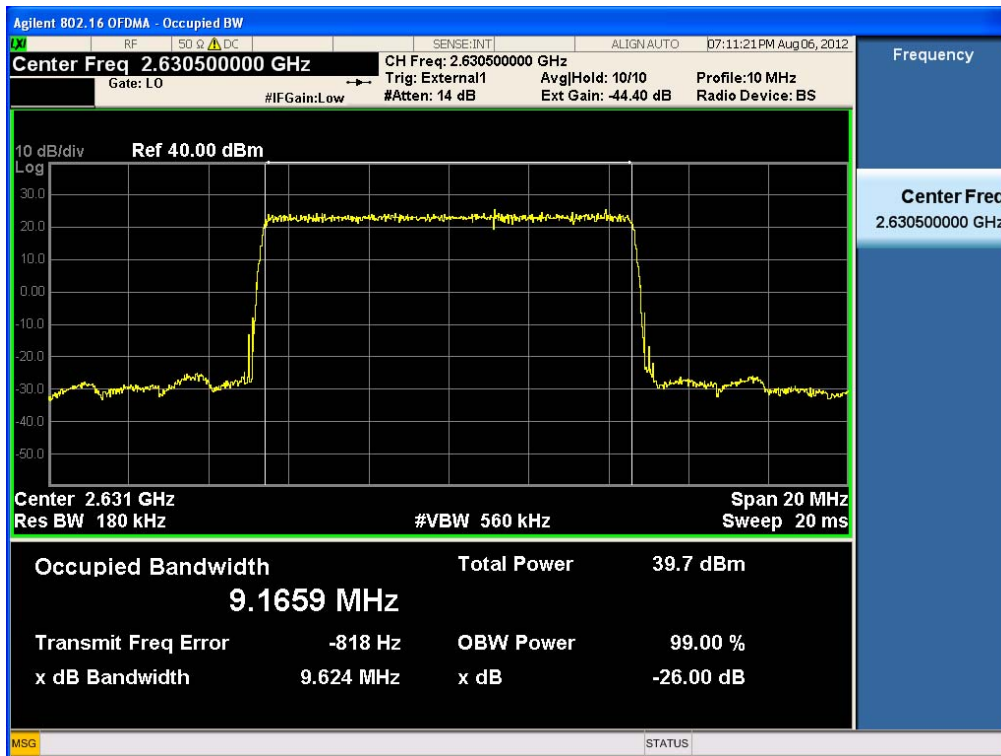


(16QAM Low Channel)

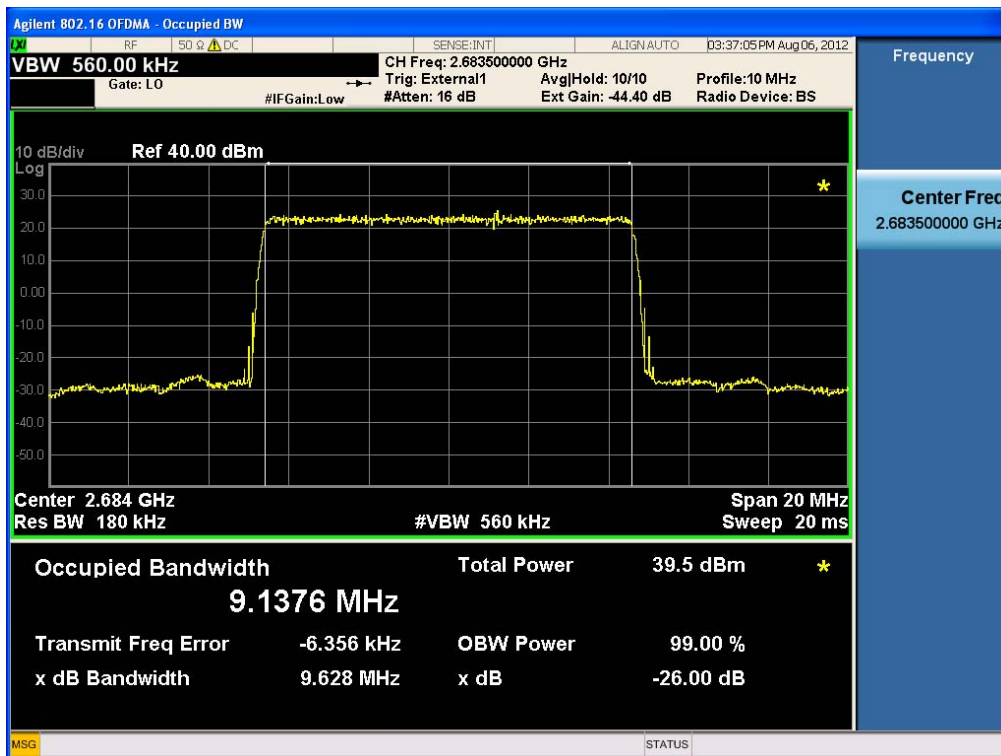


FCC PT.27 TEST REPORT	FCC CERTIFICATION REPORT			HCT PT.27 TEST REPORT
Test Report No. HCTR1208FR08	Date of Issue: August 07, 2012	EUT Type: Mobile RRH(Remote Radio Head)	FCC ID: A3LSLS-BD106Q	Page 76 of 161

(16QAM Middle Channel)

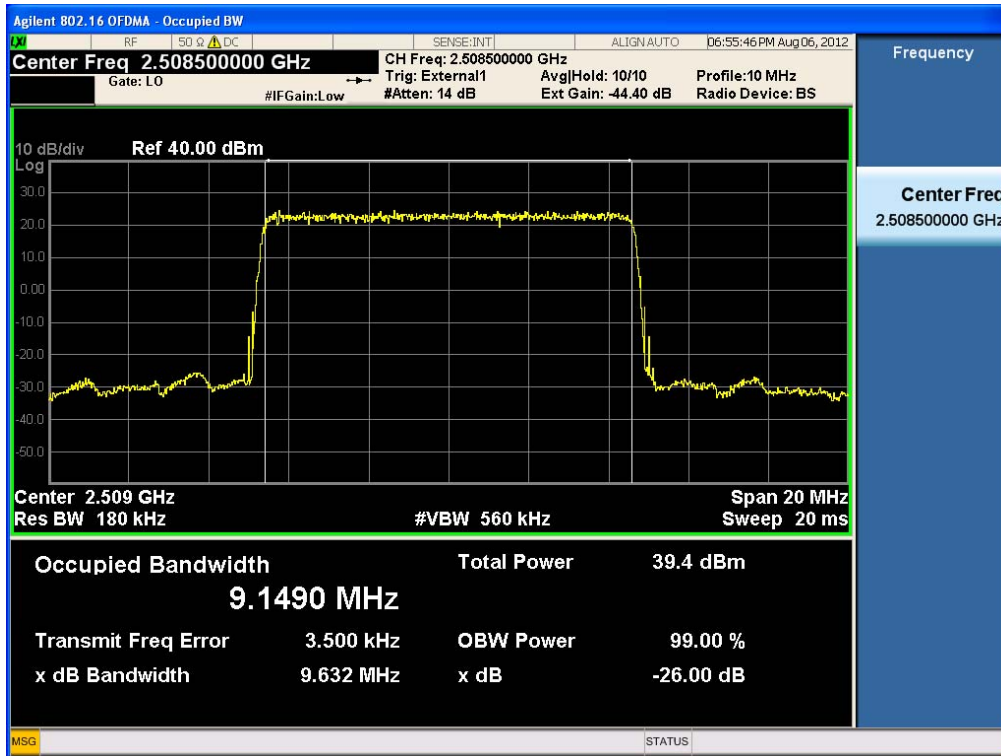


(16QAM High Channel)

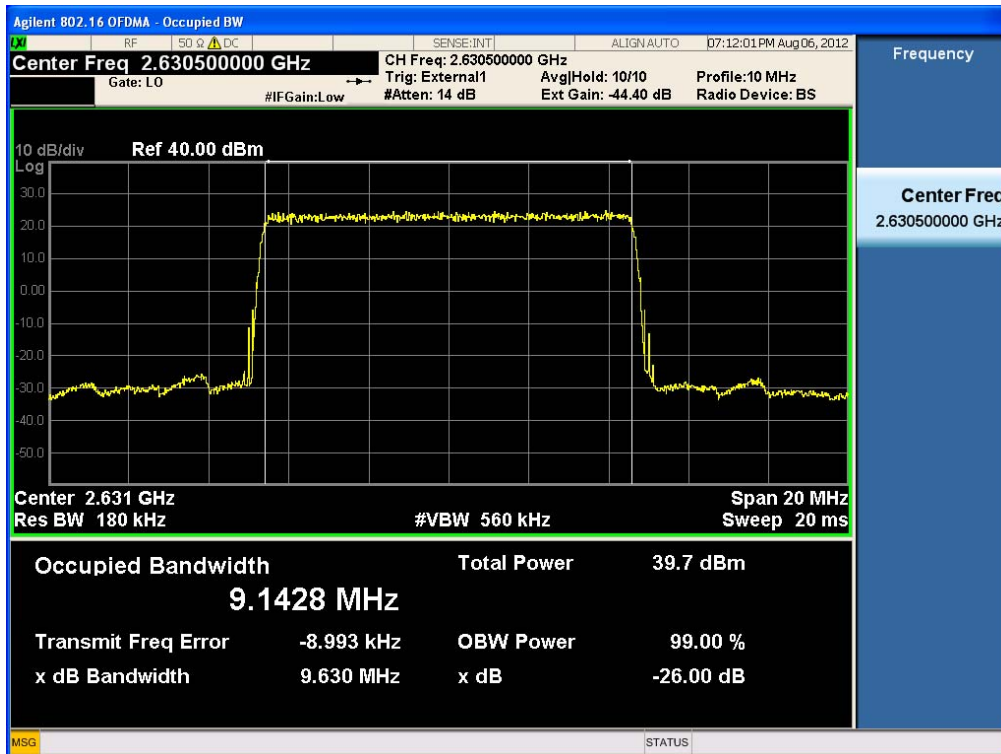


FCC PT.27 TEST REPORT	FCC CERTIFICATION REPORT			HCT PT.27 TEST REPORT
Test Report No. HCTR1208FR08	Date of Issue: August 07, 2012	EUT Type: Mobile RRH(Remote Radio Head)	FCC ID: A3LSLS-BD106Q	Page 77 of 161

(64QAM Low Channel)

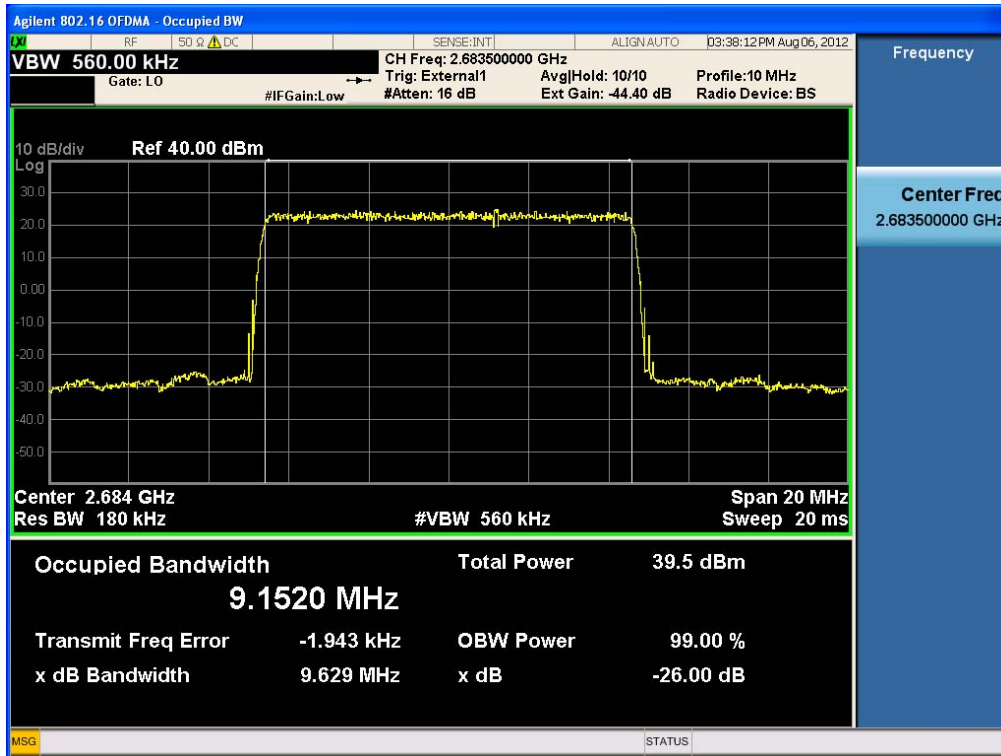


(64QAM Middle Channel)



FCC PT.27 TEST REPORT	FCC CERTIFICATION REPORT			HCT PT.27 TEST REPORT
Test Report No. HCTR1208FR08	Date of Issue: August 07, 2012	EUT Type: Mobile RRH(Remote Radio Head)	FCC ID: A3LSLS-BD106Q	Page 78 of 161

(64QAM High Channel)



FCC PT.27 TEST REPORT	FCC CERTIFICATION REPORT			HCT PT.27 TEST REPORT
Test Report No. HCTR1208FR08	Date of Issue: August 07, 2012	EUT Type: Mobile RRH(Remote Radio Head)	FCC ID: A3LSLS-BD106Q	Page 79 of 161

7. SPURIOUS EMISSION AT ANTENNA TERMINAL

7.1. Applicable Standard

CFR 47§2.1051, §27.53

The spectrum was to be investigated to the tenth harmonics of the highest fundamental frequency as specified in §2.1051

§27.53(m) For BRS and EBS stations, the power of any emissions outside the licensee's frequency bands of operation shall be attenuated below the transmitter power (P) measured in watts in accordance with the standards below. If a licensee has multiple contiguous channels, out-of-band emissions shall be measured from the upper and lower edges of the contiguous channels.

(2) For digital base stations, the attenuation shall be not less than $43 + 10 \log (P)$ dB, unless a documented interference complaint is received from an adjacent channel licensee with an overlapping Geographic Service Area. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS No. 1 on the same terms and conditions as adjacent channel BRS or EBS licensees. Provided that a documented interference complaint cannot be mutually resolved between the parties prior to the applicable deadline, then the following additional attenuation requirements shall apply:

7.2. Test Equipment List and Details

Manufacturer	Model / Equipment	Serial No.	Calibration Due
Agilent	N9020A /Signal Analyzer	US46220219	05/02/2013
Agilent	6674A / DC Power Supply	3501A00901	05/02/2013
WEINSCHEL	67-30-33 / Attenuator	BU5347	11/07/2012
WEINSCHEL	67-30-33 / Attenuator	BR0530	11/07/2012
WEINSCHEL	AF9003-69-31 / Attenuator	11787	11/07/2012
WEINSCHEL	AF9003-69-31 / Attenuator	5701	11/07/2012

7.3. Test Procedure

The RF output of the transceiver was connected to a spectrum analyzer through appropriate attenuation.

The resolution bandwidth of the spectrum analyzer was set at 1MHz. Sufficient scans were taken to show any out of band emissions up to 10th harmonic.

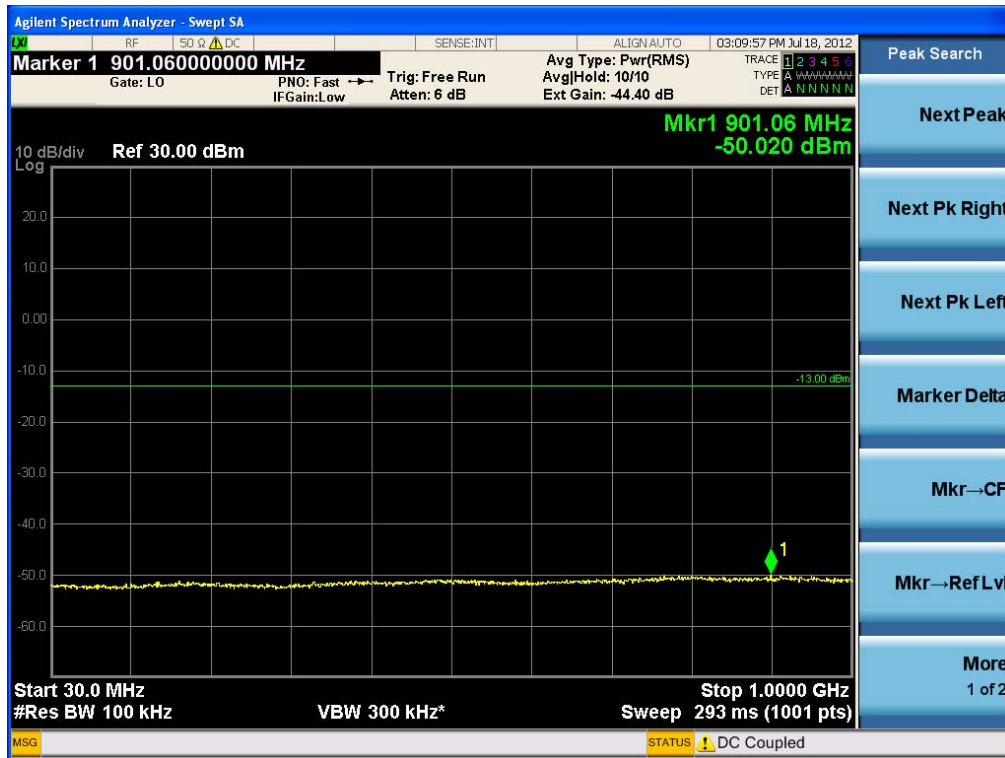
FCC PT.27 TEST REPORT	FCC CERTIFICATION REPORT			HCT PT.27 TEST REPORT
Test Report No. HCTR1208FR08	Date of Issue: August 07, 2012	EUT Type: Mobile RRH(Remote Radio Head)	FCC ID: A3LSLS-BD106Q	Page 80 of 161

7.4. Test Result

: Pass (attached plot data was measured at power boosting mode)

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7.4.1. Plot Data at Output Port 1
(QPSK Low Channel)



(30 MHz ~ 1 GHz)

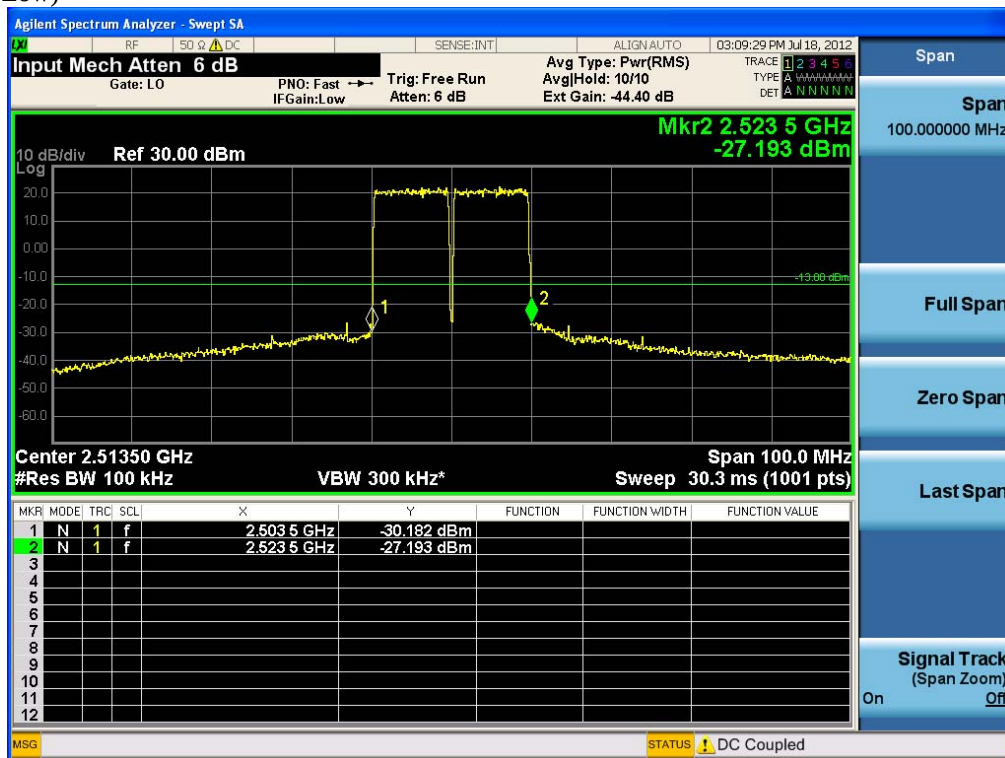
(QPSK Low Channel)



(1 GHz ~ 26.5 GHz)

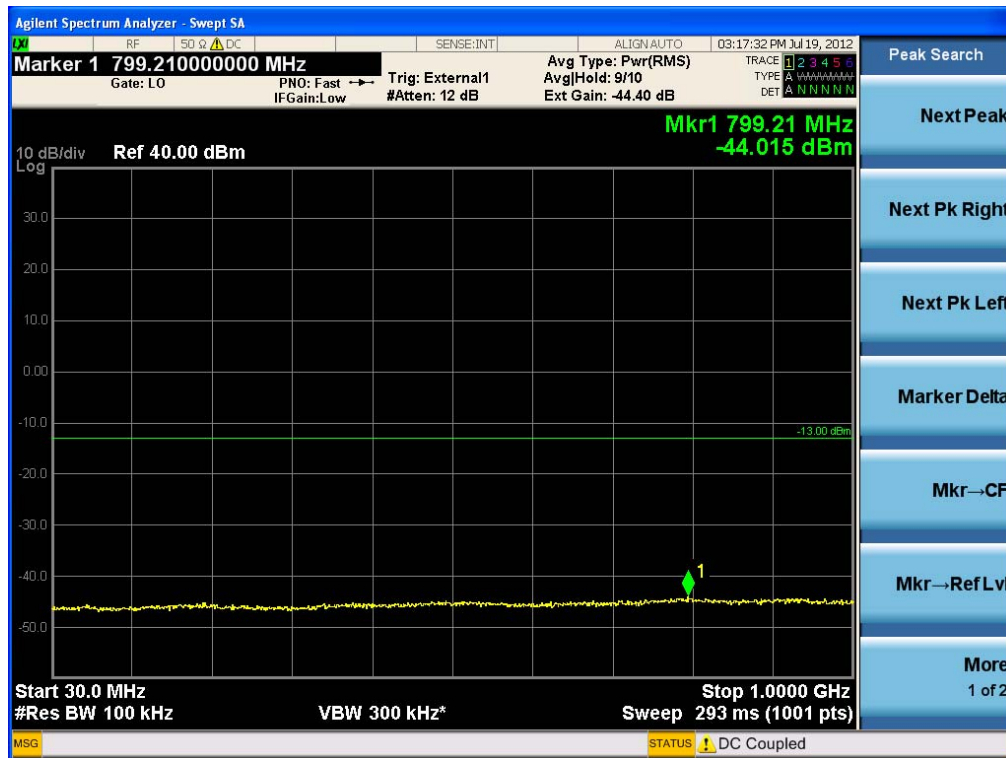
FCC PT.27 TEST REPORT	FCC CERTIFICATION REPORT			HCT PT.27 TEST REPORT
Test Report No. HCTR1208FR08	Date of Issue: August 07, 2012	EUT Type: Mobile RRRH(Remote Radio Head)	FCC ID: A3LSLS-BD106Q	Page 82 of 161

(Band Edge Low)



FCC PT.27 TEST REPORT	FCC CERTIFICATION REPORT			HCT PT.27 TEST REPORT
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(QPSK Middle Channel)



(30 MHz ~ 1 GHz)

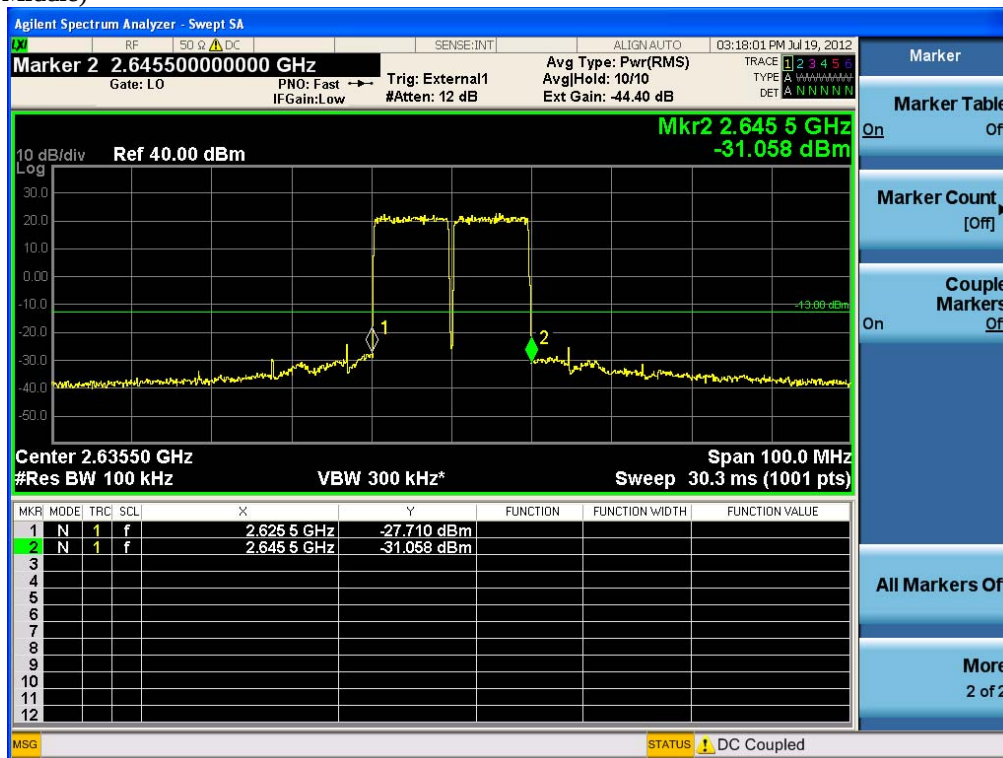
(QPSK Middle Channel)



(1 GHz ~ 26.5 GHz)

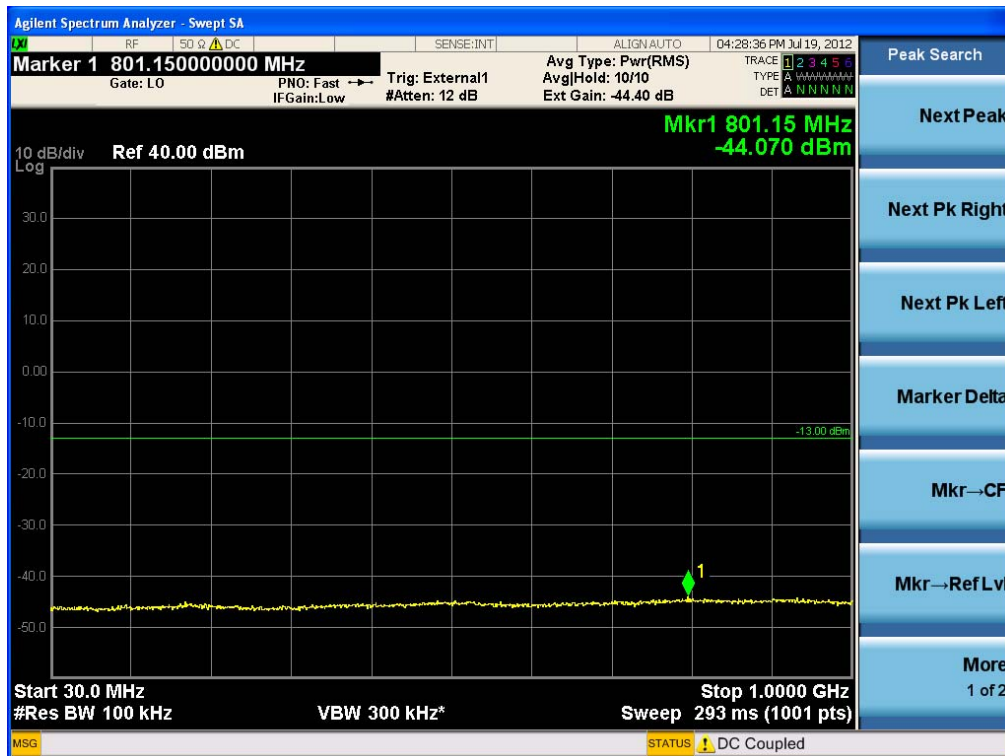
FCC PT.27 TEST REPORT	FCC CERTIFICATION REPORT			HCT PT.27 TEST REPORT
Test Report No. HCTR1208FR08	Date of Issue: August 07, 2012	EUT Type: Mobile RRH(Remote Radio Head)	FCC ID: A3LSLS-BD106Q	Page 84 of 161

(Band Edge Middle)



FCC PT.27 TEST REPORT	FCC CERTIFICATION REPORT			HCT PT.27 TEST REPORT
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(QPSK High Channel)



(30 MHz ~ 1 GHz)

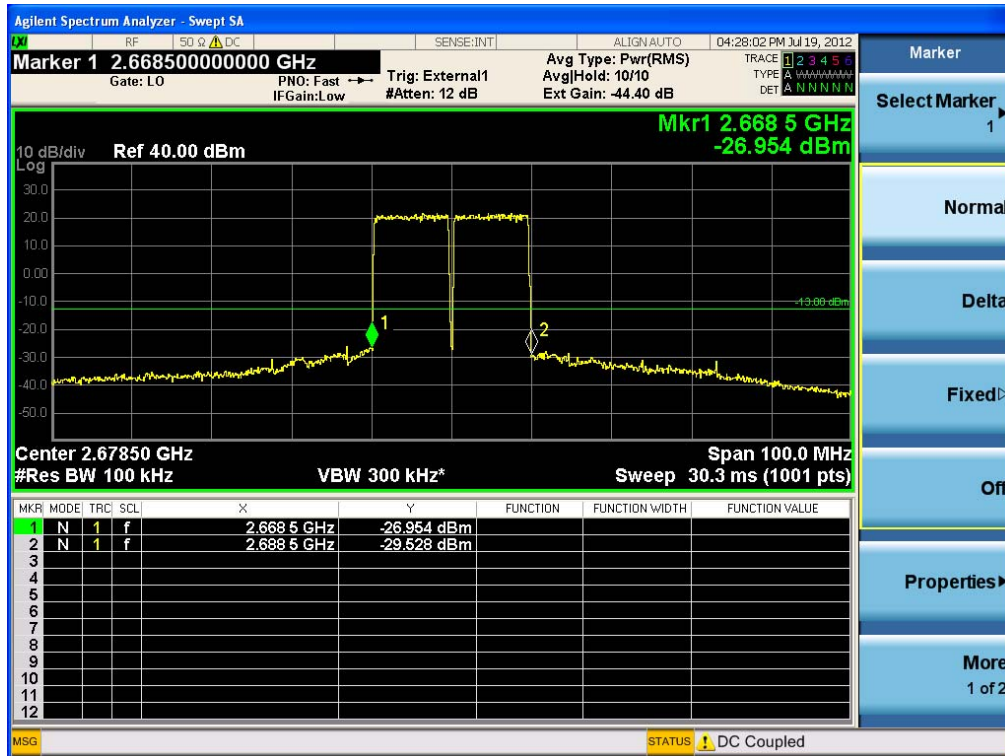
(QPSK High Channel)



(1 GHz ~ 26.5 GHz)

FCC PT.27 TEST REPORT	FCC CERTIFICATION REPORT			HCT PT.27 TEST REPORT
Test Report No. HCTR1208FR08	Date of Issue: August 07, 2012	EUT Type: Mobile RRH(Remote Radio Head)	FCC ID: A3LSLS-BD106Q	Page 86 of 161

(Band Edge High)



FCC PT.27 TEST REPORT	FCC CERTIFICATION REPORT			HCT PT.27 TEST REPORT
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(16QAM Low Channel)



(30 MHz ~ 1 GHz)

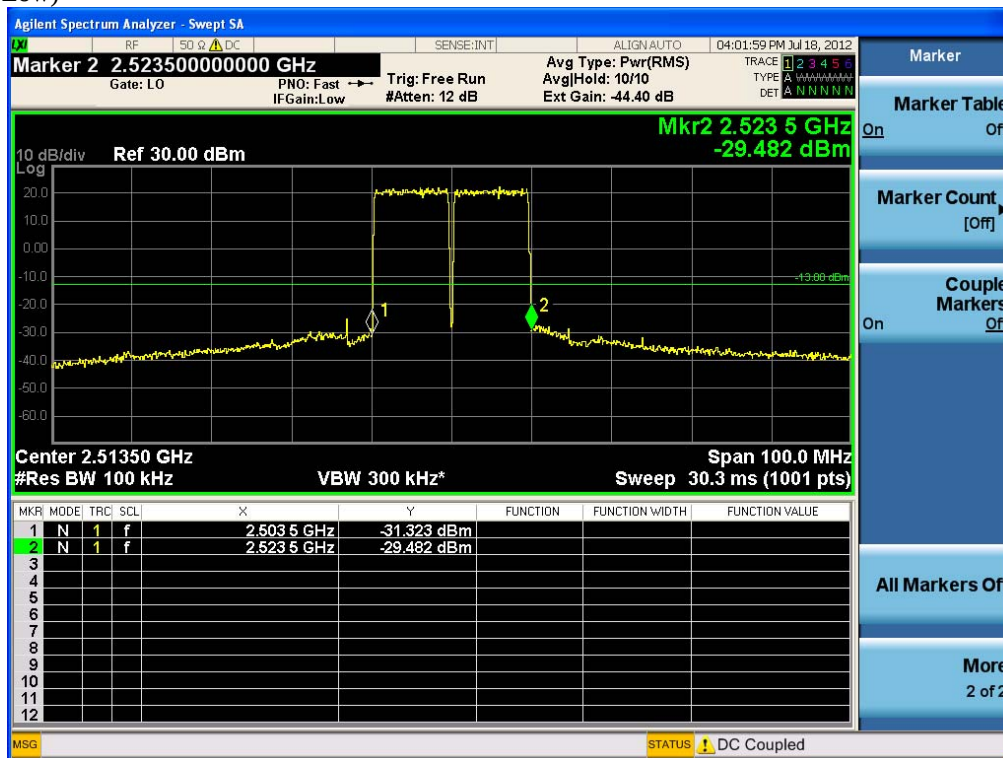
(16QAM Low Channel)



(1 GHz ~ 26.5 GHz)

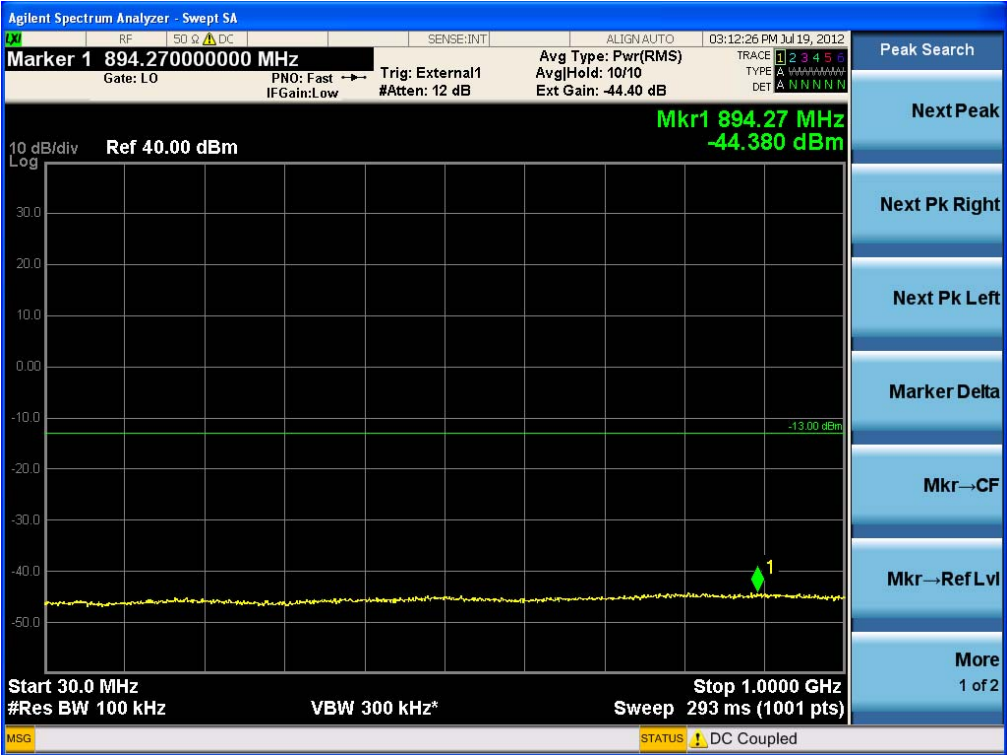
FCC PT.27 TEST REPORT	FCC CERTIFICATION REPORT			HCT PT.27 TEST REPORT
Test Report No. HCTR1208FR08	Date of Issue: August 07, 2012	EUT Type: Mobile RRH(Remote Radio Head)	FCC ID: A3LSLS-BD106Q	Page 88 of 161

(Band Edge Low)



FCC PT.27 TEST REPORT	FCC CERTIFICATION REPORT			HCT PT.27 TEST REPORT
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(16QAM Middle Channel)



(30 MHz ~ 1 GHz)

(16QAM Middle Channel)



(1 GHz ~ 26.5 GHz)

FCC PT.27 TEST REPORT	FCC CERTIFICATION REPORT			HCT PT.27 TEST REPORT
Test Report No. HCTR1208FR08	Date of Issue: August 07, 2012	EUT Type: Mobile RRH(Remote Radio Head)	FCC ID: A3LSLS-BD106Q	Page 90 of 161